

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
 Data File : BF111214.D
 Acq On : 8 Dec 2018 4:18
 Operator : JU/SJ
 Sample : PB115402BSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115402BSD

Quant Time: Dec 08 04:54:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	340219	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1405810	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	630978	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1027961	20.00	ng	0.00
76) Chrysene-d12	13.96	240	597363	20.00	ng	0.01
87) Perylene-d12	15.39	264	597743	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	1758809	80.67	ng	0.00
7) Phenol-d6	6.43	99	2457300	87.49	ng	0.00
23) Nitrobenzene-d5	7.37	82	2099829	88.43	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	412145	82.17	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3249509	97.43	ng	0.00
79) Terphenyl-d14	12.91	244	2102921	72.10	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.57	88	390580	31.145	ng	97
3) Pyridine	3.30	79	1014257	36.466	ng	94
4) n-Nitrosodimethylamine	3.23	42	540430	39.463	ng	89
6) Aniline	6.46	93	602431	16.055	ng	99
8) 2-Chlorophenol	6.59	128	1056562	42.044	ng	99
9) Benzaldehyde	6.35	77	505167	31.523	ng	99
10) Phenol	6.45	94	1336464	43.642	ng	92
11) bis(2-Chloroethyl)ether	6.54	93	1034334	41.326	ng	96
12) 1,3-Dichlorobenzene	6.75	146	1037410	38.816	ng	97
13) 1,4-Dichlorobenzene	6.82	146	1025579	38.132	ng	98
14) 1,2-Dichlorobenzene	6.98	146	984240	39.339	ng	99
15) Benzyl Alcohol	6.95	79	840248	37.759	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1809522	37.166	ng	99
17) 2-Methylphenol	7.06	107	818921	39.698	ng	98
18) Hexachloroethane	7.32	117	387334	38.390	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	660511	34.996	ng	92
20) 3+4-Methylphenols	7.21	107	965092	38.358	ng	92
22) Acetophenone	7.22	105	1255393	36.953	ng	# 99
24) Nitrobenzene	7.39	77	1090613	42.692	ng	99
25) Isophorone	7.63	82	1865779	42.815	ng	100
26) 2-Nitrophenol	7.70	139	510359	47.282	ng	87
27) 2,4-Dimethylphenol	7.74	122	890633	43.812	ng	98
28) bis(2-Chloroethoxy)methane	7.84	93	1205475	40.862	ng	100
29) 2,4-Dichlorophenol	7.95	162	760330	37.992	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	772309	38.233	ng	98
31) Naphthalene	8.11	128	2675095	43.706	ng	97
32) Benzoic acid	7.84	122	567735	42.352	ng	96
33) 4-Chloroaniline	8.15	127	213028	7.200	ng	96
34) Hexachlorobutadiene	8.23	225	406640	37.043	ng	99
35) Caprolactam	8.52	113	270609	36.828	ng	96
36) 4-Chloro-3-methylphenol	8.64	107	805538	36.748	ng	100
37) 2-Methylnaphthalene	8.80	142	1868914	44.266	ng	98
38) 1-Methylnaphthalene	8.90	142	1733797	42.714	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	702544	41.776	ng	99

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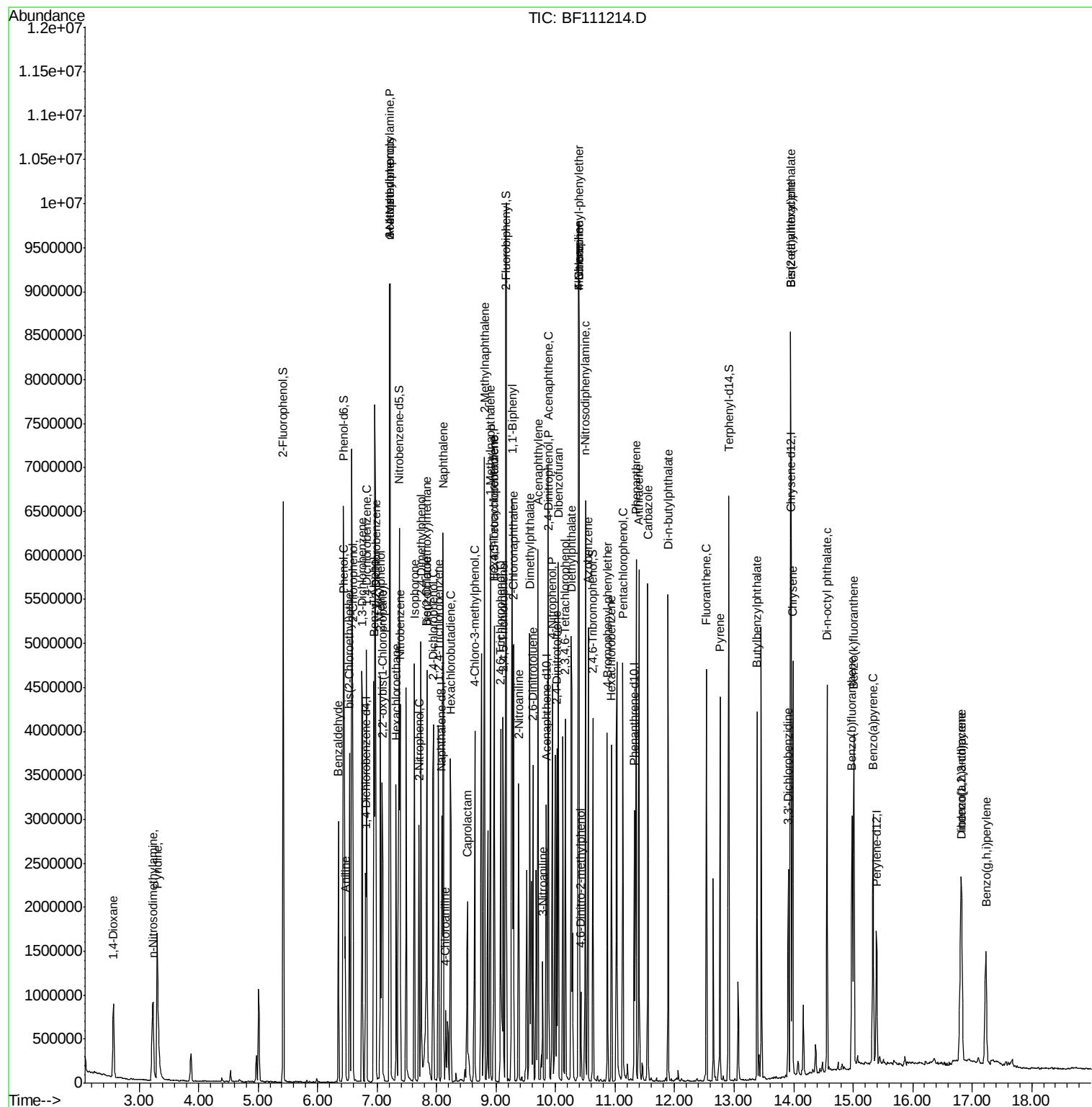
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	292989	33.041	nq	97
43) 2,4,6-Trichlorophenol	9.08	196	498757	40.608	nq	100
44) 2,4,5-Trichlorophenol	9.12	196	532015	42.730	nq	98
46) 1,1'-Biphenyl	9.27	154	1976158	38.258	nq	95
47) 2-Chloronaphthalene	9.29	162	1536071	38.270	nq	96
48) 2-Nitroaniline	9.38	65	525771	40.420	nq	89
49) Acenaphthylene	9.70	152	2464722	43.931	nq	97
50) Dimethylphthalate	9.56	163	1923368	43.799	nq	99
51) 2,6-Dinitrotoluene	9.62	165	406192	43.628	nq	99
52) Acenaphthene	9.87	154	1529155	41.256	nq	99
53) 3-Nitroaniline	9.78	138	193828	16.574	nq	98
54) 2,4-Dinitrophenol	9.89	184	113277	41.833	nq	# 40
55) Dibenzofuran	10.05	168	2331320	45.665	nq	95
56) 4-Nitrophenol	9.95	139	705460	80.049	nq	91
57) 2,4-Dinitrotoluene	10.02	165	580647	48.289	nq	97
58) Fluorene	10.39	166	1624893	45.135	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	429623	46.233	nq	95
60) Diethylphthalate	10.26	149	1912138	43.571	nq	100
61) 4-Chlorophenyl-phenylether	10.38	204	761310	42.911	nq	98
62) 4-Nitroaniline	10.39	138	324939	30.785	nq	97
63) Azobenzene	10.54	77	1819470	38.942	nq	92
65) 4,6-Dinitro-2-methylphenol	10.43	198	98598	23.217	nq	94
66) n-Nitrosodiphenylamine	10.50	169	1437779	39.944	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	430316	39.545	nq	# 87
68) Hexachlorobenzene	10.94	284	455075	40.899	nq	96
69) Atrazine	11.03	200	437952	Below Cal		96
70) Pentachlorophenol	11.13	266	510071	69.710	nq	98
71) Phenanthrene	11.35	178	2182724	44.143	nq	97
72) Anthracene	11.40	178	2149600	43.128	nq	96
73) Carbazole	11.55	167	2005017	38.660	nq	96
74) Di-n-butylphthalate	11.89	149	2424974	39.944	nq	98
75) Fluoranthene	12.53	202	1712575	35.395	nq	98
77) Benzidine	12.65	184	784232	Below Cal		98
78) Pyrene	12.76	202	1685281	36.212	nq	96
80) Butylbenzylphthalate	13.39	149	835390	37.158	nq	95
81) Benzo(a)anthracene	13.95	228	1453230	41.521	nq	98
82) 3,3'-Dichlorobenzidine	13.91	252	424379	32.130	nq	98
83) Chrysene	13.99	228	1439575	41.432	nq	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	1081247	39.816	nq	99
85) Di-n-octyl phthalate	14.56	149	2005136	46.969	nq	96
86) Indeno(1,2,3-cd)pyrene	16.81	276	1223080	43.843	nq	# 83
88) Benzo(b)fluoranthene	14.98	252	1369031	40.419	nq	99
89) Benzo(k)fluoranthene	15.01	252	1403693	42.869	nq	99
90) Benzo(a)pyrene	15.34	252	1351813	43.512	nq	98
91) Dibenzo(a,h)anthracene	16.83	278	1041004	39.929	nq	98
92) Benzo(g,h,i)perylene	17.23	276	924672	35.294	nq	98

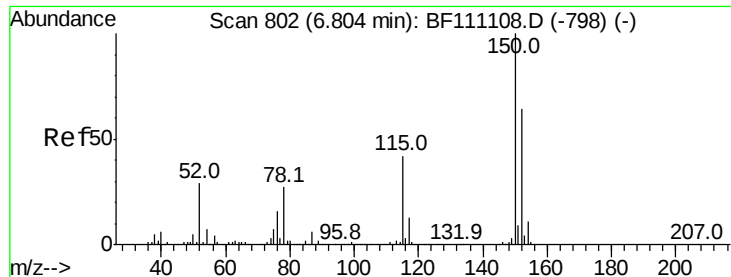
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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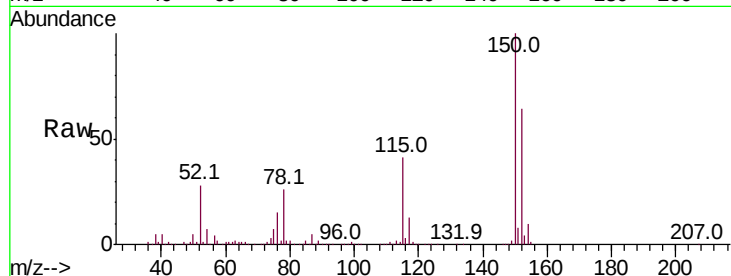


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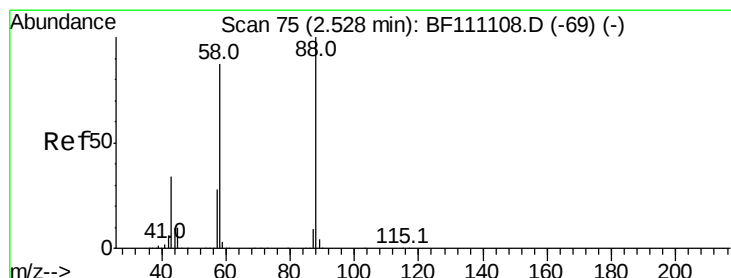
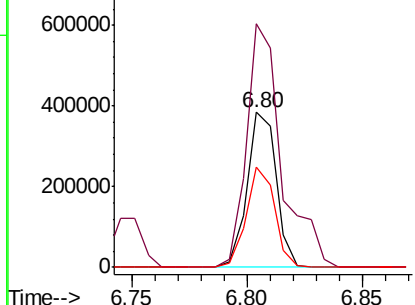
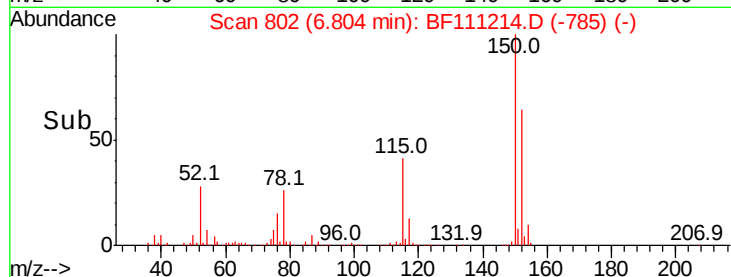
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF111214.D
 Acq: 8 Dec 2018 4:18

Instrument :
 BNA_F
 ClientSampleId :
 PB115402BSD

Tot Ion:152 Resp: 340219
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.6 187.0
 115 64.6 52.2 78.2



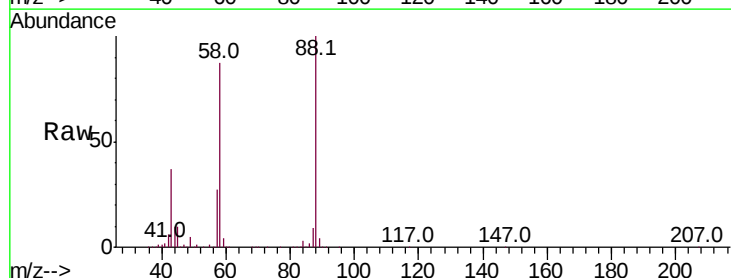
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



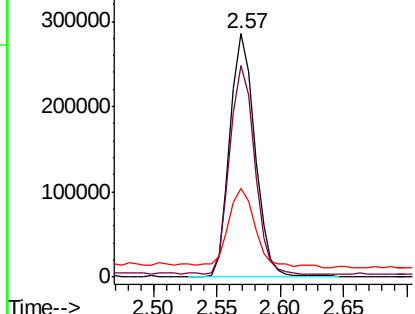
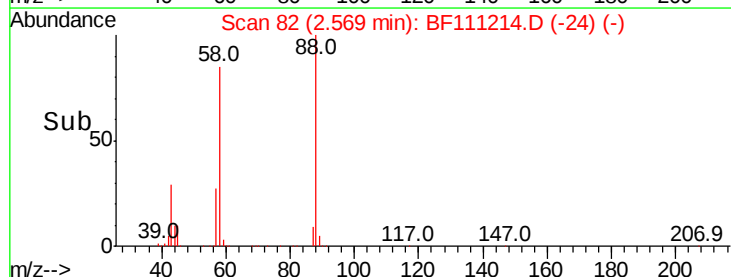
#2

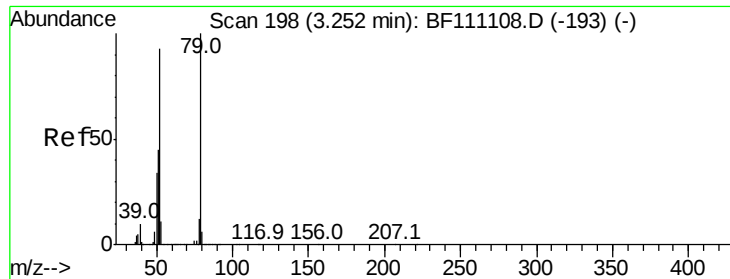
1,4-Dioxane
 Concen: 31.145 ng
 RT: 2.57 min Scan# 82
 Delta R.T. 0.04 min
 Lab File: BF111214.D
 Acq: 8 Dec 2018 4:18

Tgt Ion: 88 Resp: 390580
 Ion Ratio Lower Upper
 88 100
 58 85.0 70.8 106.2
 43 34.0 28.3 42.5



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 36.466 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.05 min

Lab File: BF111214.D

Acq: 8 Dec 2018 4:18

Instrument :

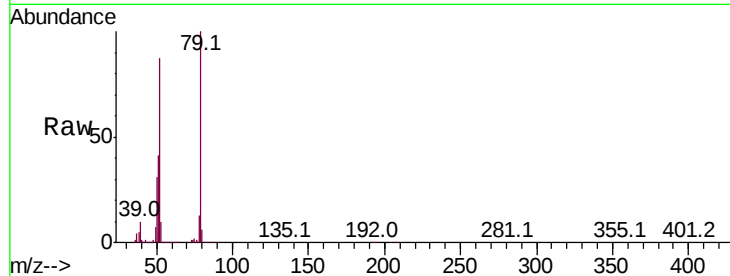
BNA_F

ClientSampleId :

PB115402BSD

Tot Ion: 79 Resp: 1014257

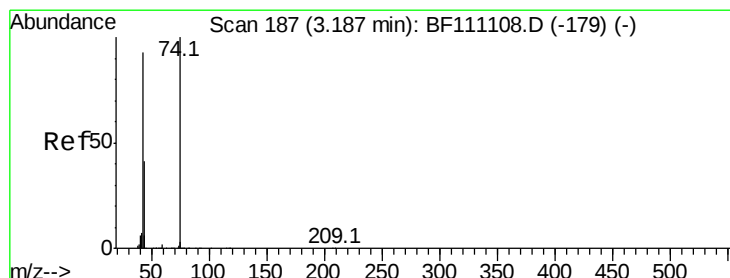
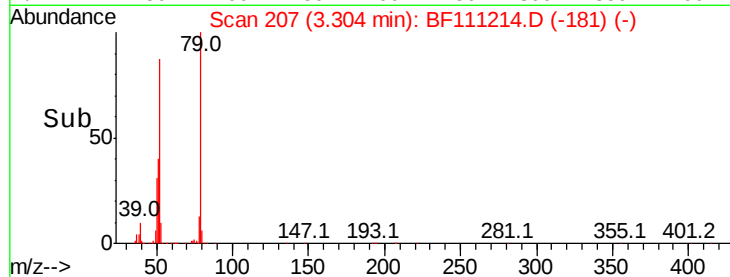
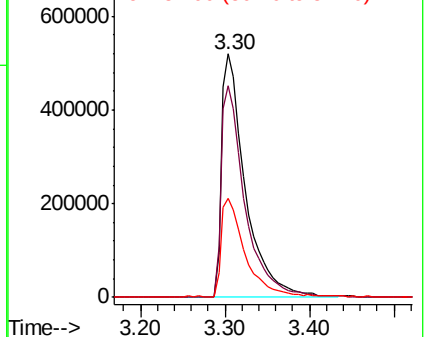
Ion	Ratio	Lower	Upper
79	100		
52	87.1	74.7	112.1
51	40.7	35.9	53.9



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 39.463 ng

RT: 3.23 min Scan# 195

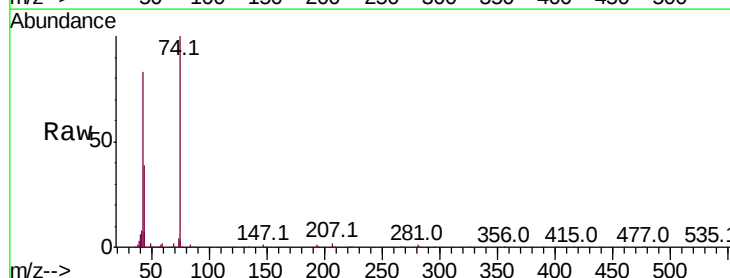
Delta R.T. 0.05 min

Lab File: BF111214.D

Acq: 8 Dec 2018 4:18

Tgt Ion: 42 Resp: 540430

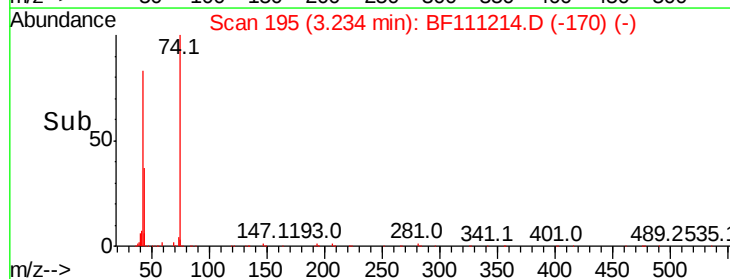
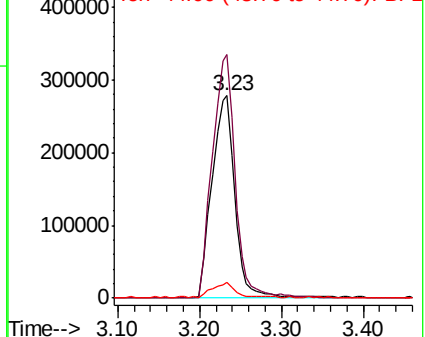
Ion	Ratio	Lower	Upper
42	100		
74	120.2	86.2	129.2
44	7.9	5.7	8.5

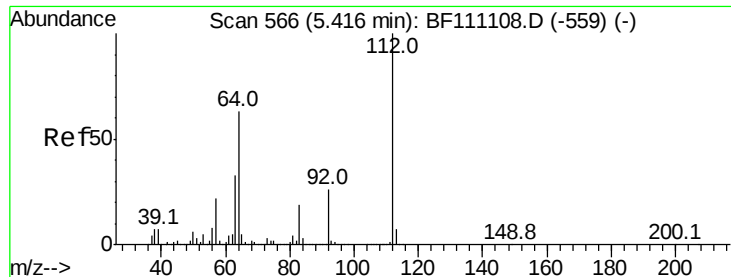


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 80.670 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

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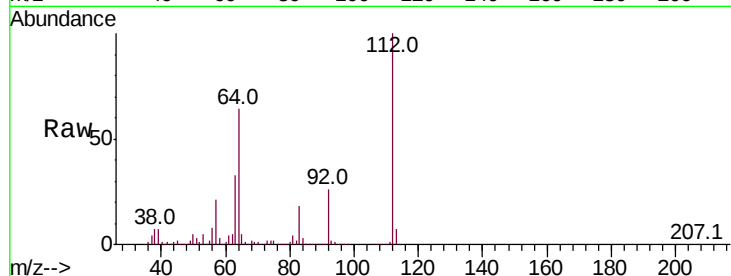
Tot Ion:112 Resp: 1758809

Ion Ratio Lower Upper

112 100

64 64.0 50.2 75.4

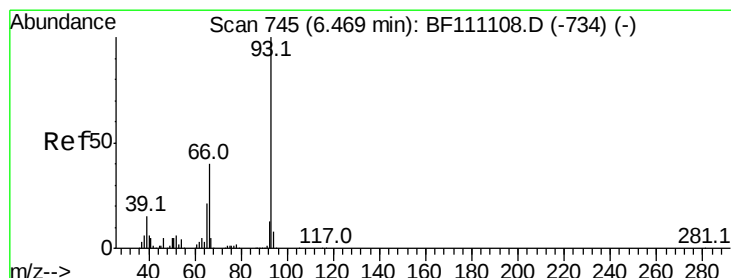
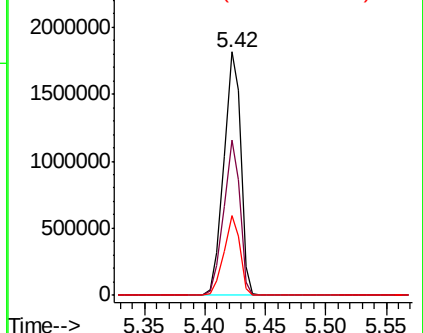
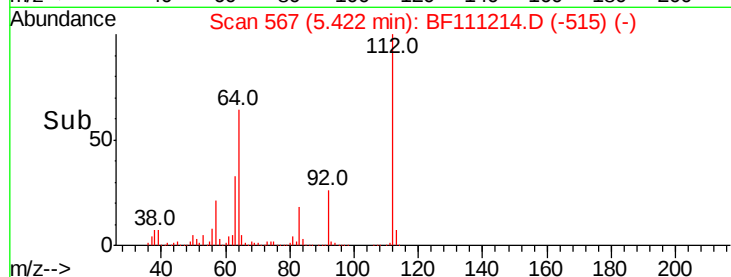
63 32.6 26.6 39.8



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.055 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF111214.D

Acq: 8 Dec 2018 4:18

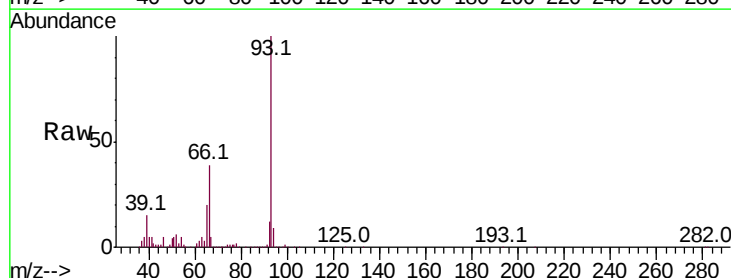
Tgt Ion: 93 Resp: 602431

Ion Ratio Lower Upper

93 100

66 38.9 31.8 47.8

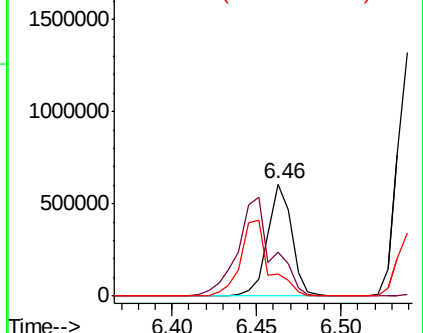
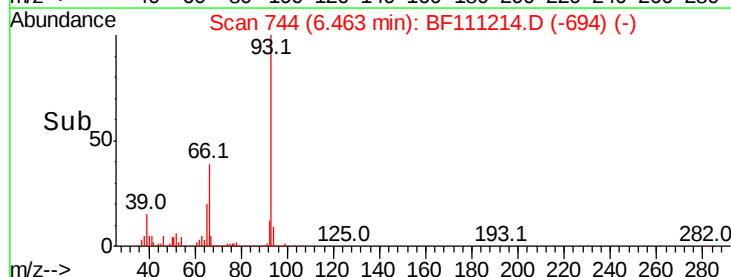
65 20.2 16.6 24.8

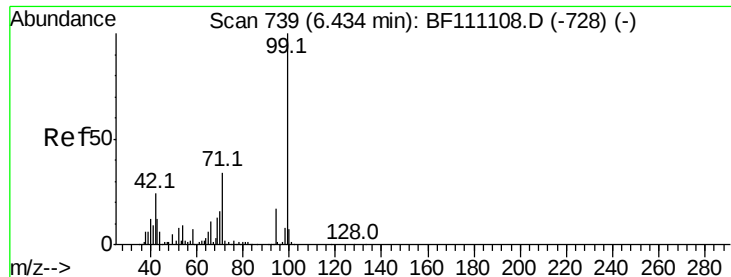


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 87.494 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF111214.D

Acq: 8 Dec 2018 4:18

Instrument :

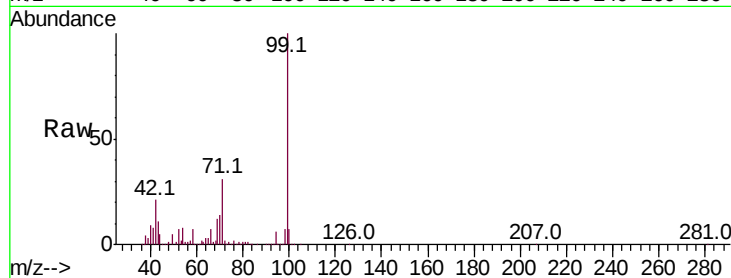
BNA_F

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Tot Ion: 99 Resp: 2457300

Ion	Ratio	Lower	Upper
99	100		
42	21.2	19.3	28.9
71	31.1	27.4	41.2

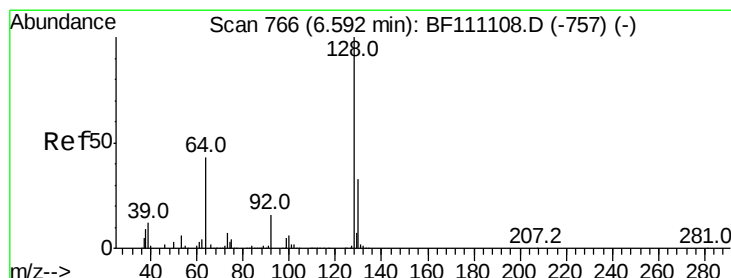
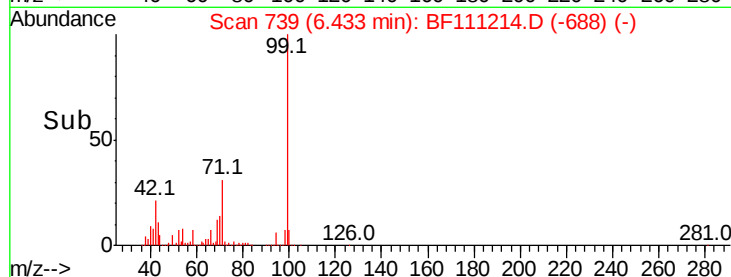
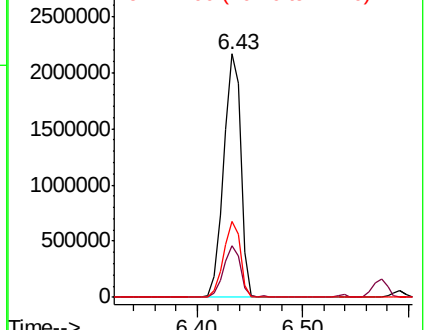


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.044 ng

RT: 6.59 min Scan# 766

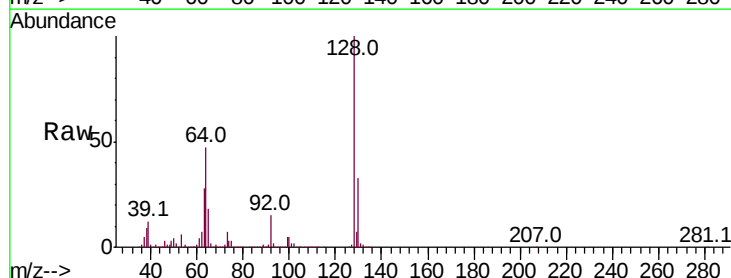
Delta R.T. -0.00 min

Lab File: BF111214.D

Acq: 8 Dec 2018 4:18

Tgt Ion:128 Resp: 1056562

Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.8	52.8
64	47.2	26.6	66.6

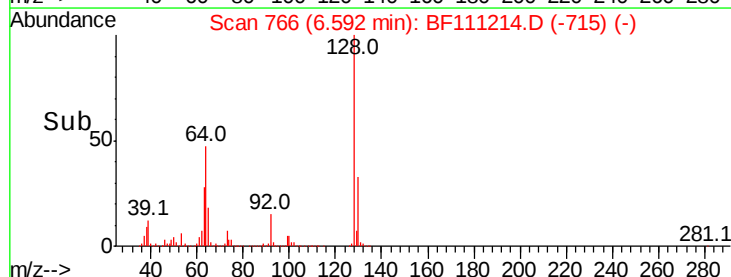
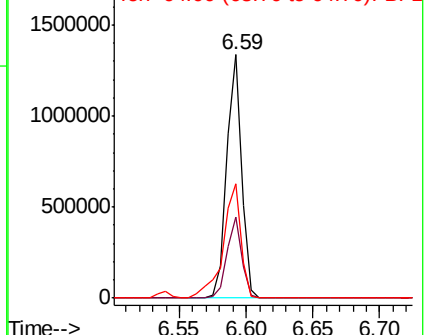


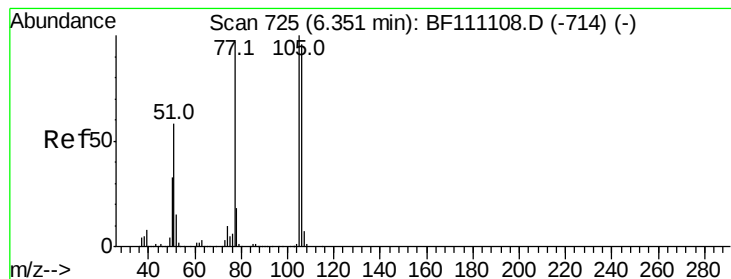
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 31.523 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

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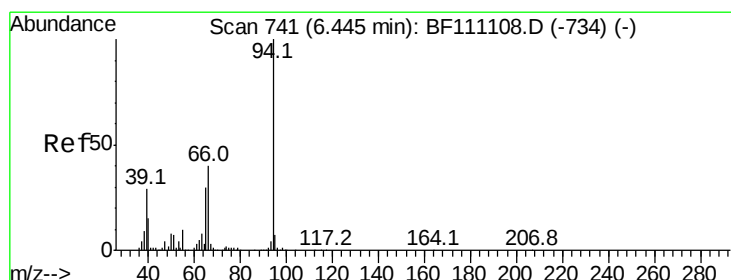
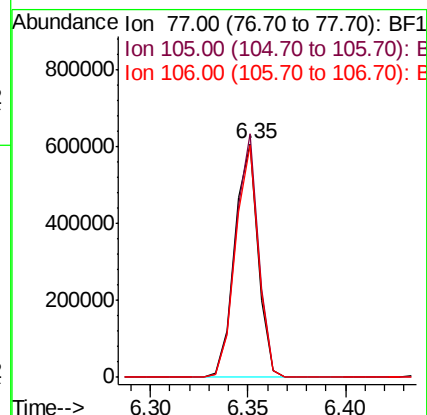
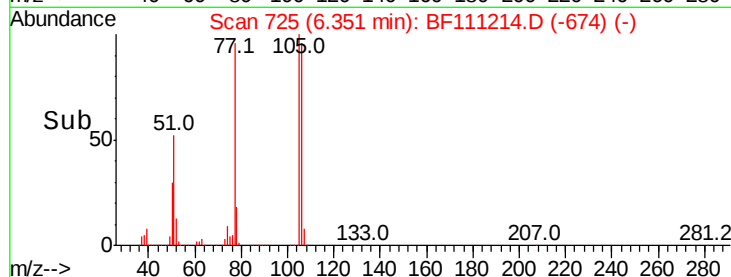
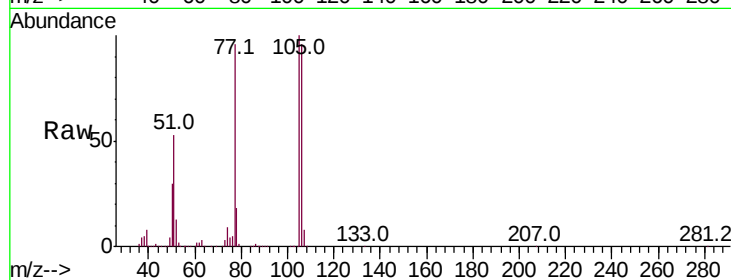
Tot Ion: 77 Resp: 505167

Ion Ratio Lower Upper

77 100

105 104.2 83.1 123.1

106 99.6 79.0 119.0



#10

Phenol

Concen: 43.642 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111214.D

Acq: 8 Dec 2018 4:18

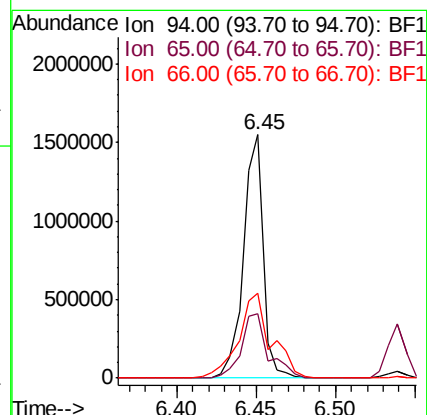
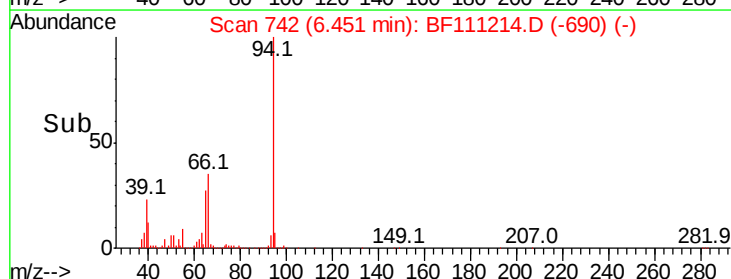
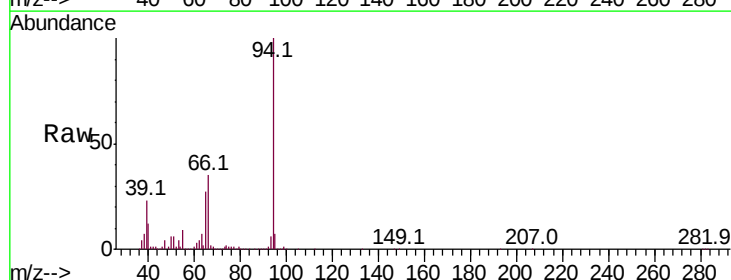
Tgt Ion: 94 Resp: 1336464

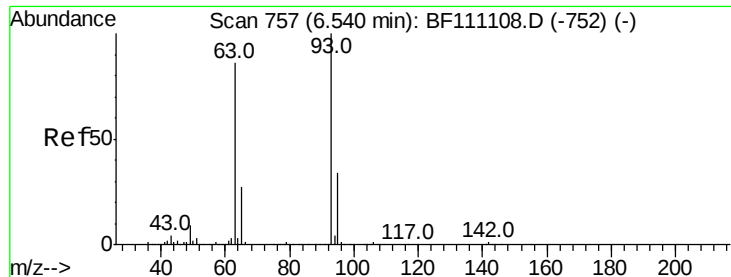
Ion Ratio Lower Upper

94 100

65 26.6 10.5 50.5

66 34.8 19.8 59.8

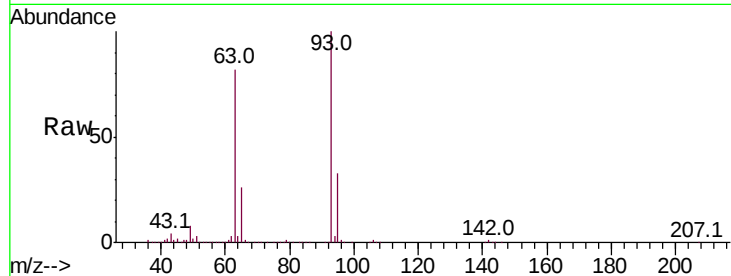




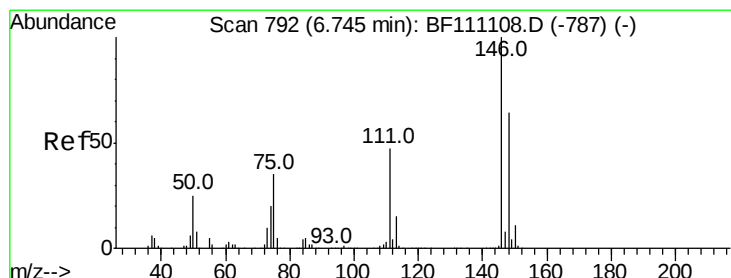
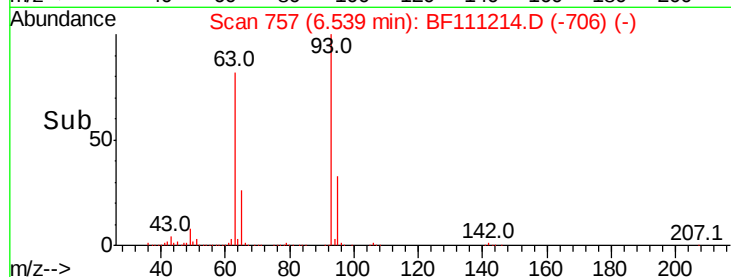
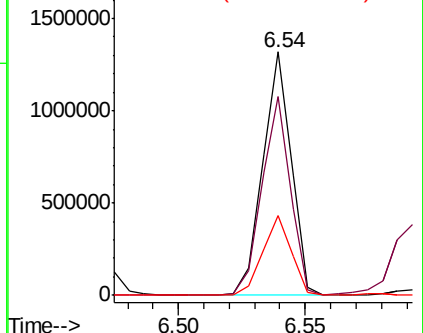
#11
bis(2-Chloroethyl)ether
Concen: 41.326 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

Instrument :
BNA_F
ClientSampleId :
PB115402BSD

Tot Ion: 93 Resp: 1034334
Ion Ratio Lower Upper
93 100
63 81.7 66.0 106.0
95 32.8 14.3 54.3

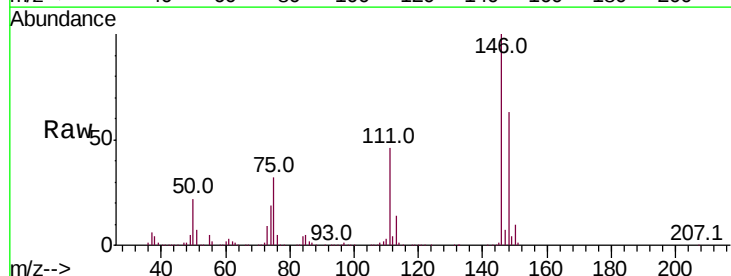


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

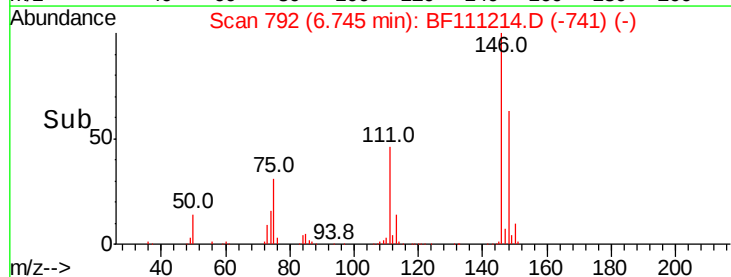
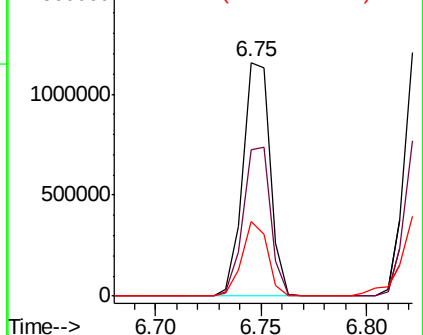


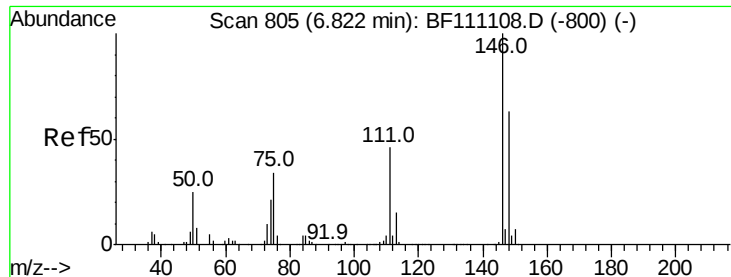
#12
1,3-Dichlorobenzene
Concen: 38.816 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

Tgt Ion: 146 Resp: 1037410
Ion Ratio Lower Upper
146 100
148 62.6 51.3 76.9
75 32.1 27.7 41.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

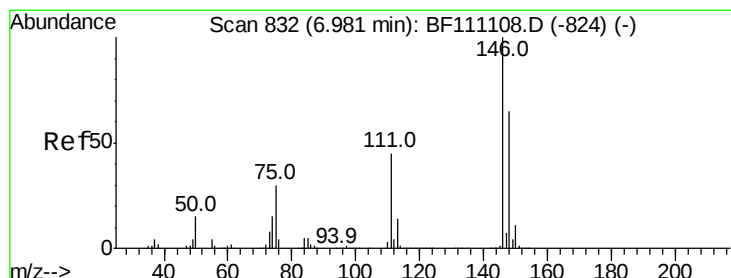
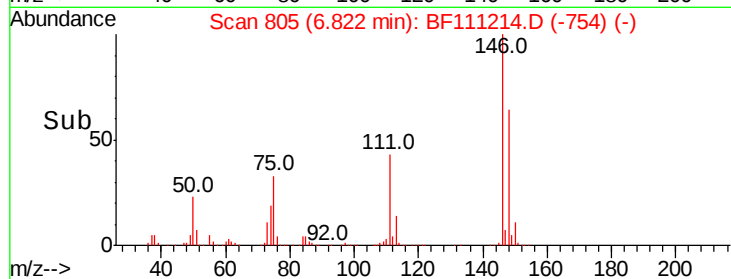
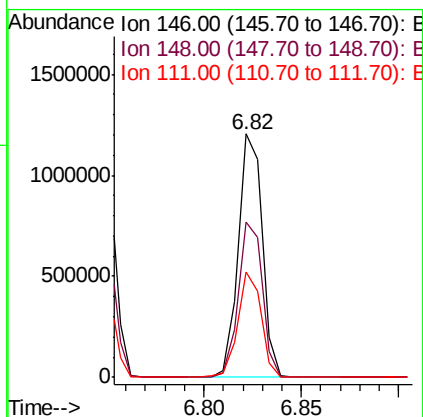
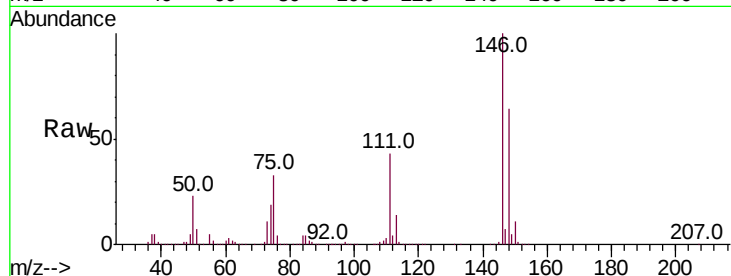




#13
 1,4-Dichlorobenzene
 Concen: 38.132 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF111214.D
 Acq: 8 Dec 2018 4:18

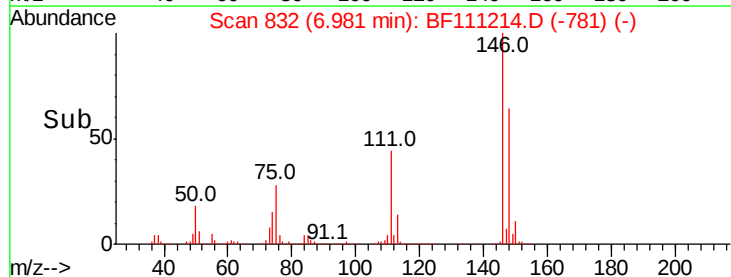
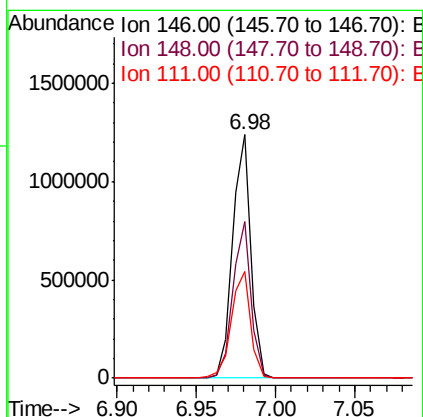
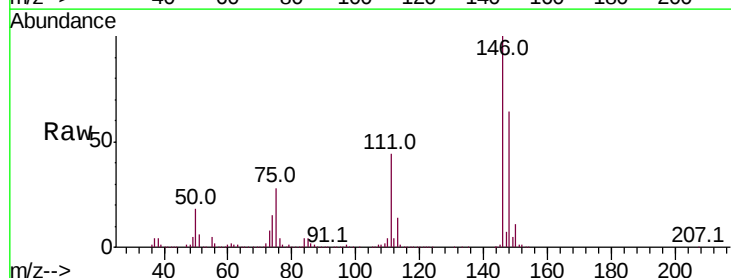
Instrument :
 BNA_F
 ClientSampleId :
 PB115402BSD

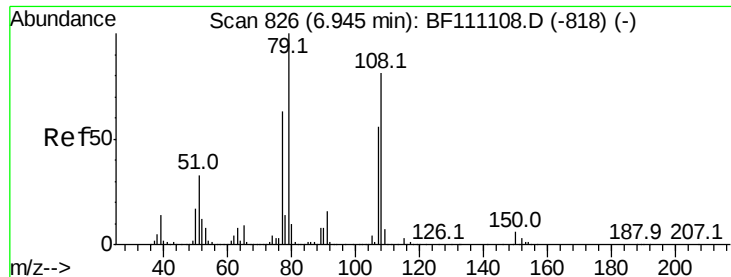
Tot Ion:146 Resp: 1025579
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.3 75.5
 111 43.5 36.6 55.0



#14
 1,2-Dichlorobenzene
 Concen: 39.339 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF111214.D
 Acq: 8 Dec 2018 4:18

Tgt Ion:146 Resp: 984240
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.8 77.6
 111 43.7 35.7 53.5





#15

Benzyl Alcohol

Concen: 37.759 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF111214.D

Acq: 8 Dec 2018 4:18

Instrument :

BNA_F

ClientSampleId :

PB115402BSD

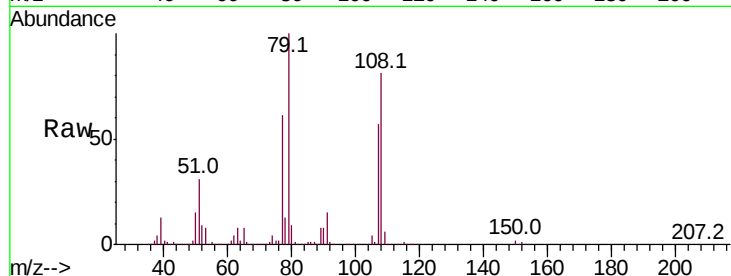
Tot Ion: 79 Resp: 840248

Ion Ratio Lower Upper

79 100

108 81.0 64.5 96.7

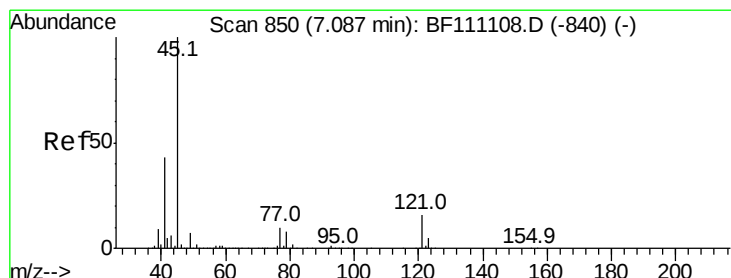
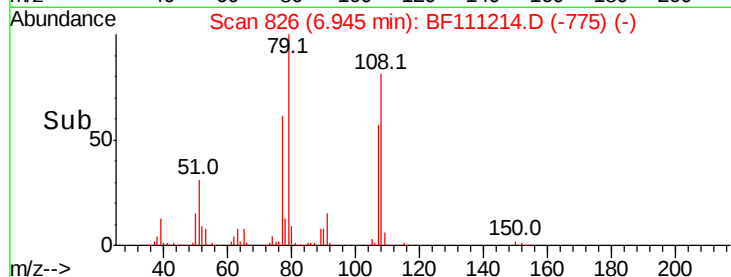
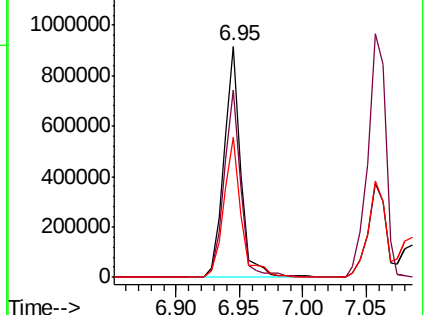
77 60.7 50.5 75.7



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.166 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF111214.D

Acq: 8 Dec 2018 4:18

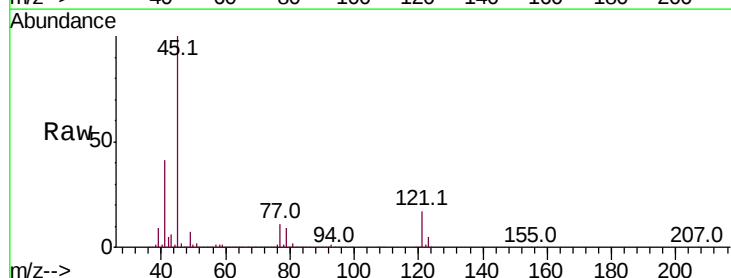
Tgt Ion: 45 Resp: 1809522

Ion Ratio Lower Upper

45 100

77 10.9 0.0 30.6

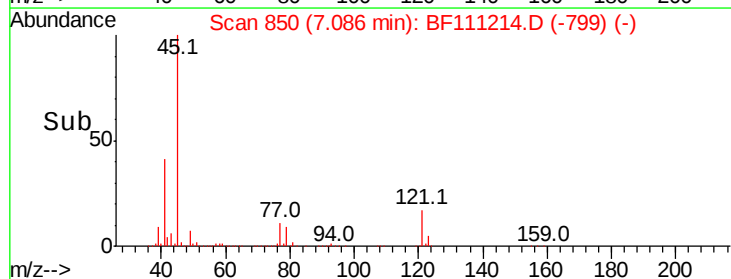
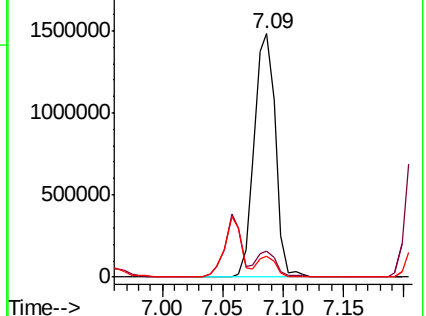
79 8.6 0.0 28.4

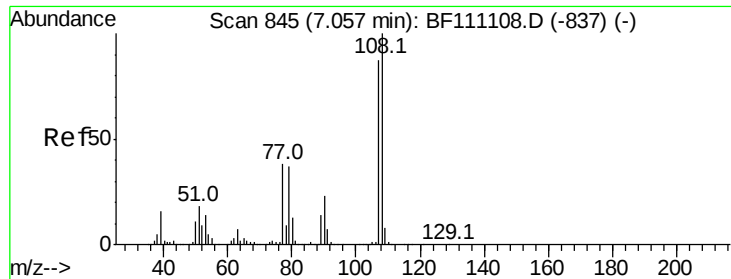


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

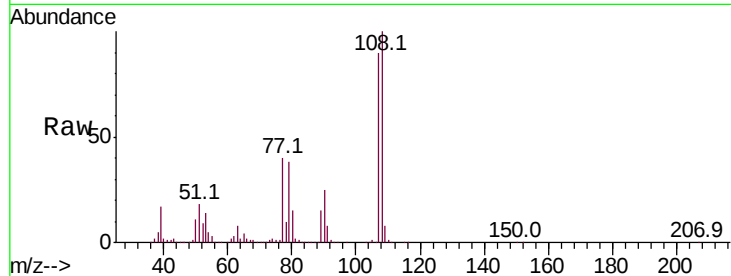




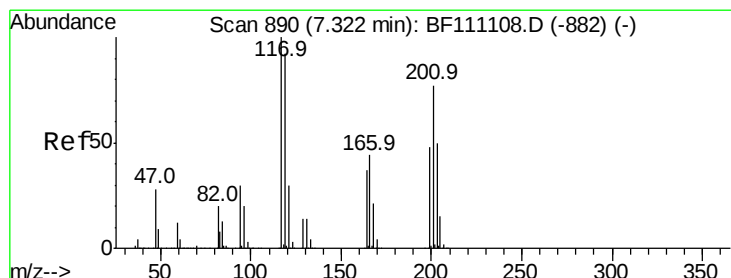
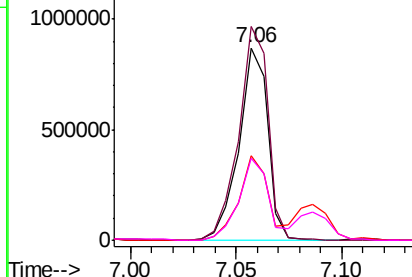
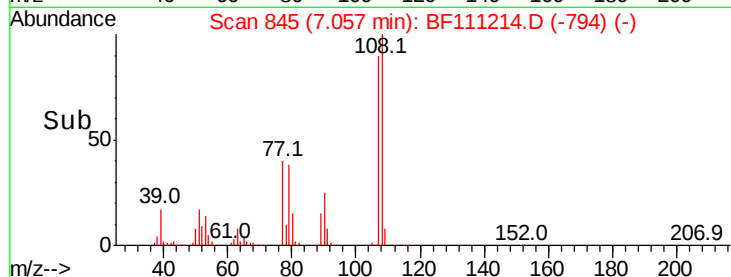
#17
2-Methylphenol
Concen: 39.698 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

Instrument :
BNA_F
ClientSampleId :
PB115402BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.1	91.8	137.8
77	44.1	34.7	52.1
79	42.6	34.2	51.2

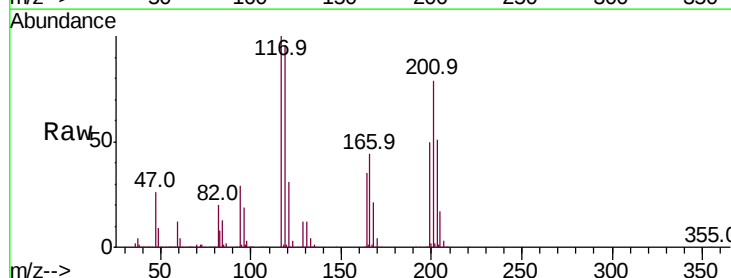


Abundance Ion 107.00 (106.70 to 107.70): E
1500000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

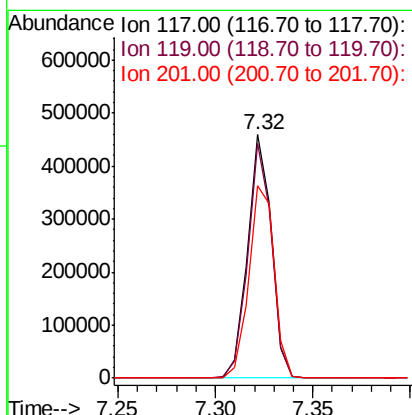
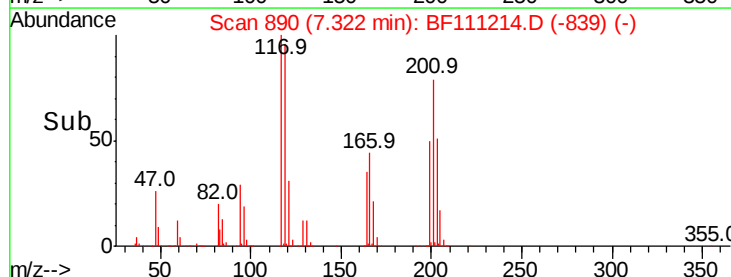


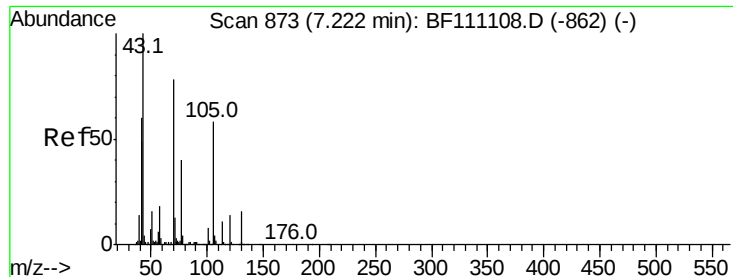
#18
Hexachloroethane
Concen: 38.390 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	73.8	110.6
201	79.2	61.2	91.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

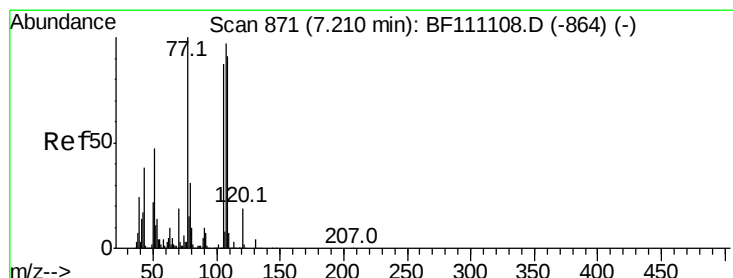
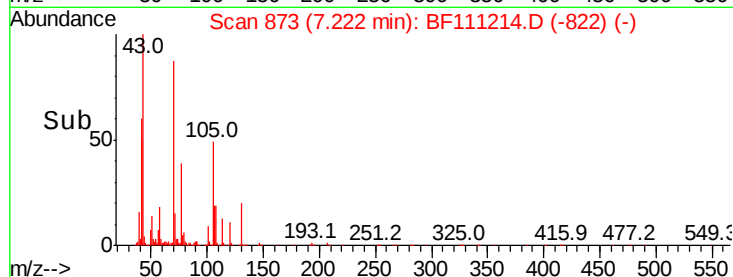
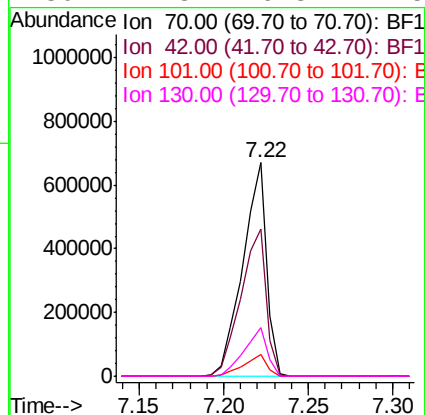
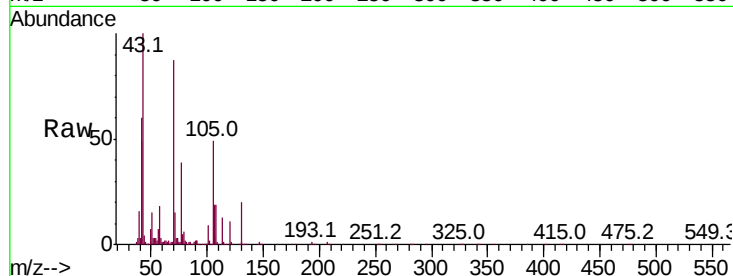




#19
n-Nitroso-di-n-propylamine
Concen: 34.996 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

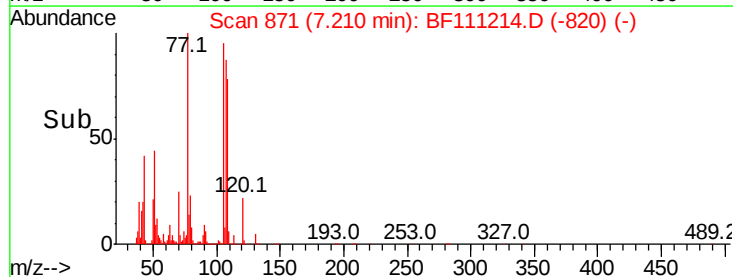
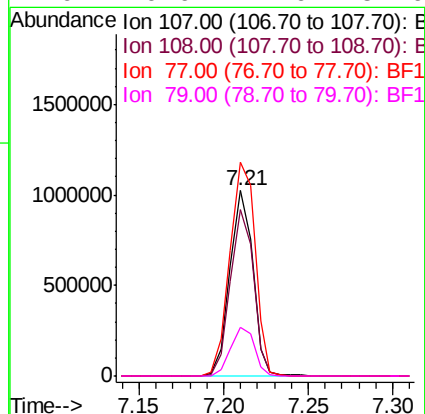
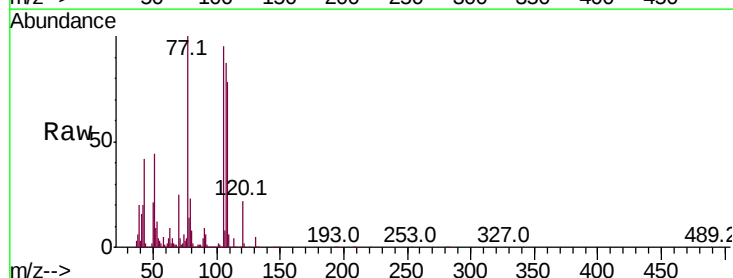
Instrument :
BNA_F
ClientSampleId :
PB115402BSD

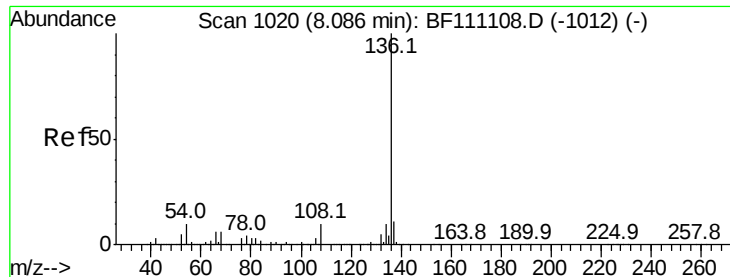
Tot Ion:	70	Resp:	660511
Ion	Ratio	Lower	Upper
70	100		
42	68.8	61.3	91.9
101	10.0	7.7	11.5
130	22.8	16.3	24.5



#20
3+4-Methylphenols
Concen: 38.358 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

Tgt Ion:	107	Resp:	965092
Ion	Ratio	Lower	Upper
107	100		
108	89.9	74.0	114.0
77	115.2	83.2	123.2
79	26.6	11.6	51.6

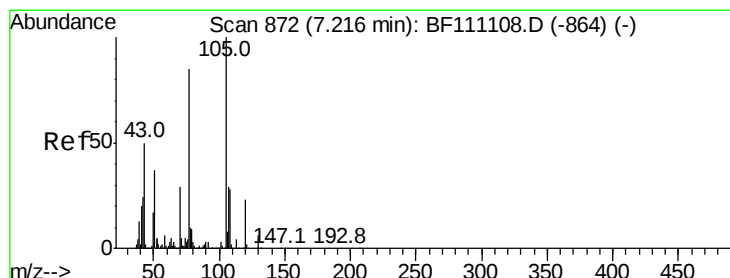
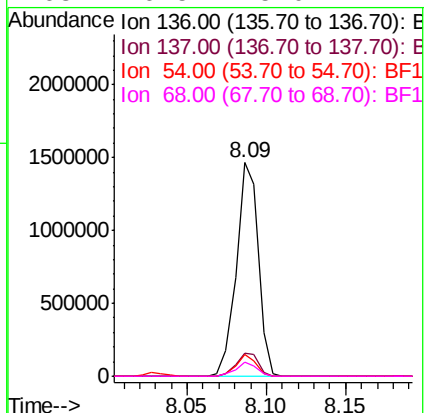
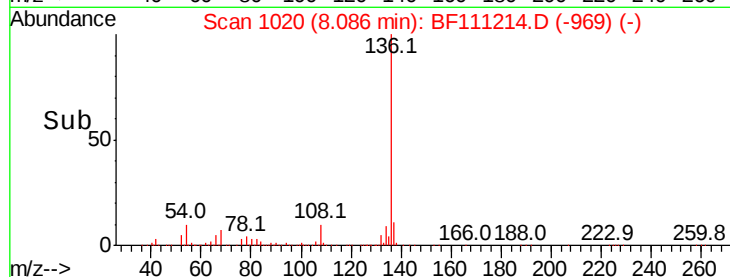
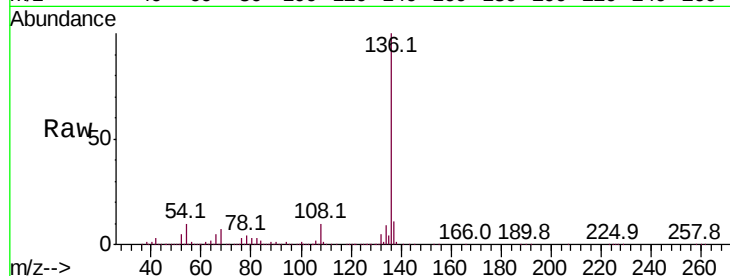




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

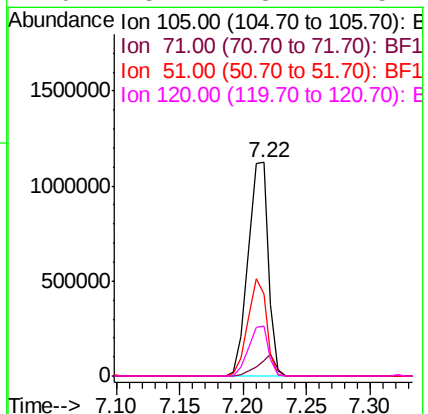
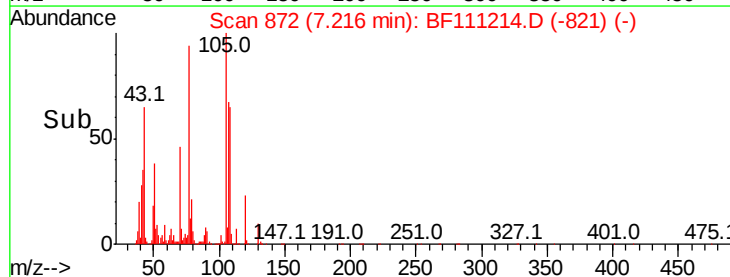
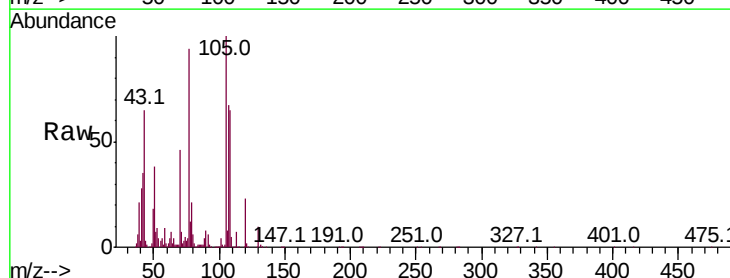
Instrument :
BNA_F
ClientSampleId :
PB115402BSD

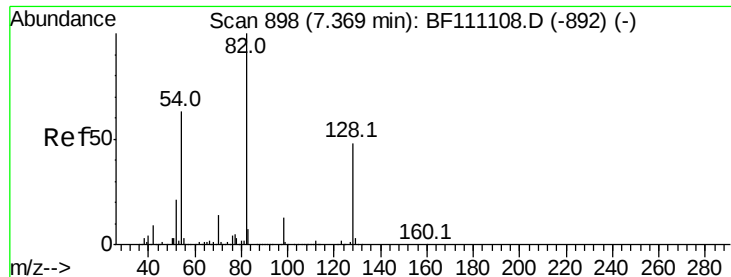
Tot Ion:136 Resp: 1405810
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 10.0 8.4 12.6
68 6.5 5.0 7.4



#22
Acetophenone
Concen: 36.953 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

Tgt Ion:105 Resp: 1255393
Ion Ratio Lower Upper
105 100
71 7.5 4.0 6.0#
51 38.1 29.8 44.8
120 23.4 18.7 28.1

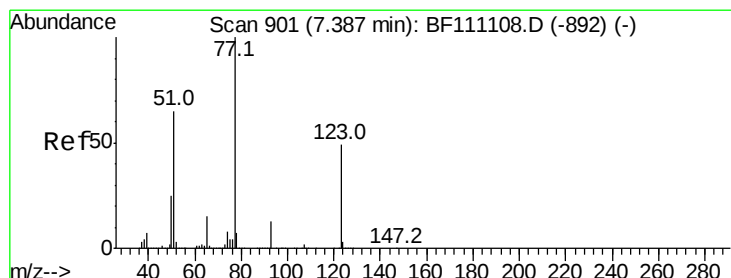
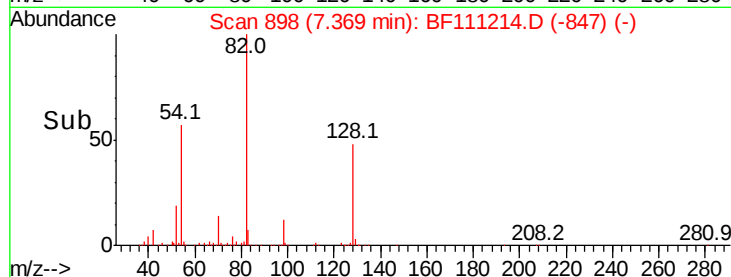
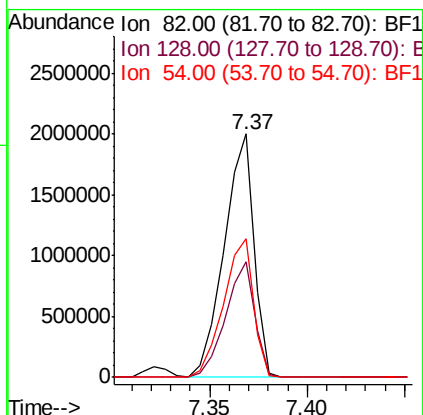
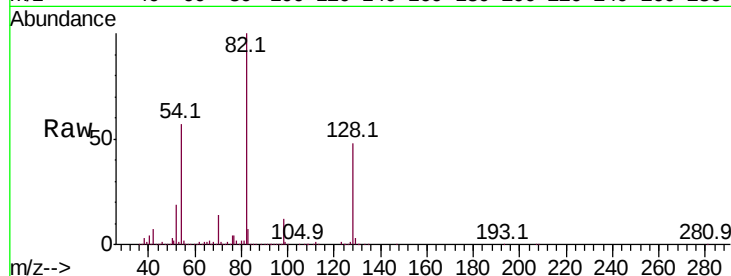




#23
 Nitrobenzene-d5
 Concen: 88.431 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BF111214.D
 Acq: 8 Dec 2018 4:18

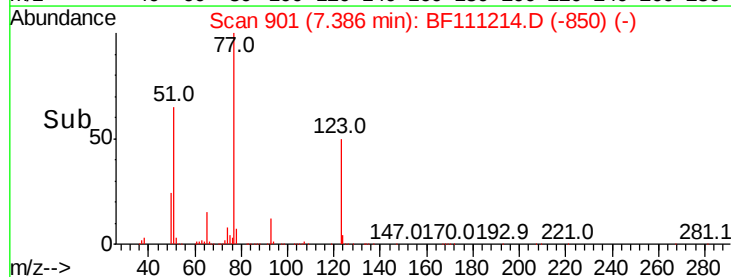
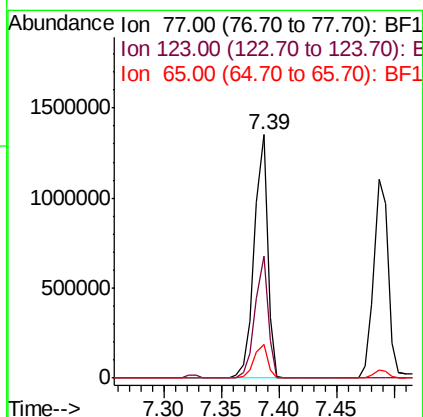
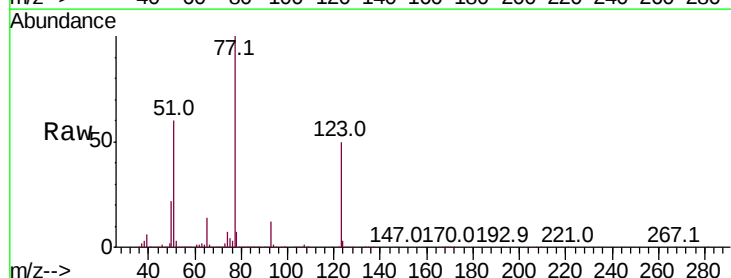
Instrument :
 BNA_F
 ClientSampleId :
 PB115402BSD

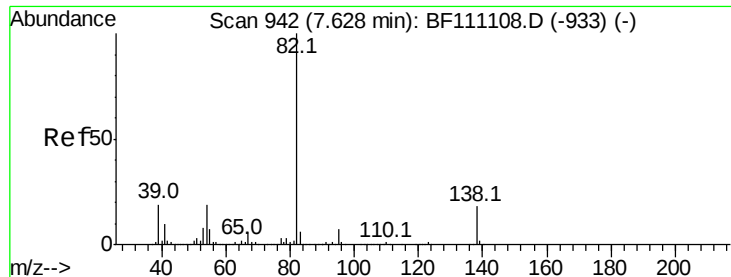
Tot Ion: 82 Resp: 2099829
 Ion Ratio Lower Upper
 82 100
 128 47.7 38.1 57.1
 54 56.9 50.3 75.5



#24
 Nitrobenzene
 Concen: 42.692 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF111214.D
 Acq: 8 Dec 2018 4:18

Tgt Ion: 77 Resp: 1090613
 Ion Ratio Lower Upper
 77 100
 123 50.2 39.5 59.3
 65 13.7 11.8 17.6





#25

Isophorone

Concen: 42.815 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF111214.D

Acq: 8 Dec 2018 4:18

Instrument :

BNA_F

ClientSampleId :

PB115402BSD

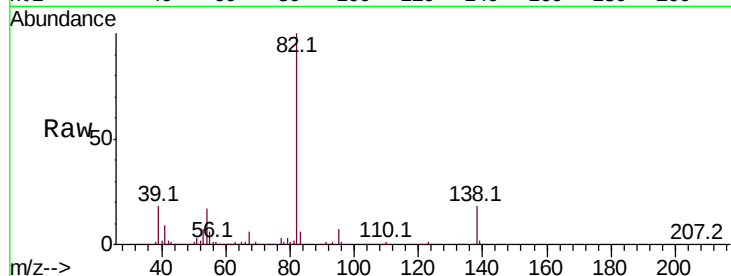
Tot Ion: 82 Resp: 1865779

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

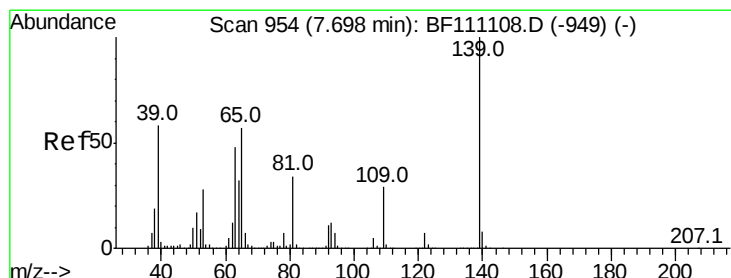
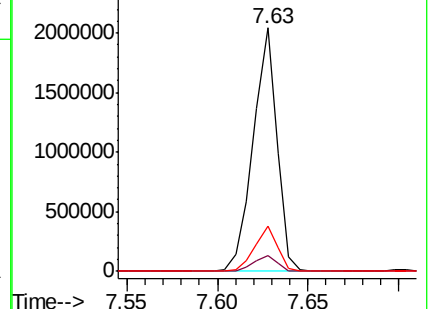
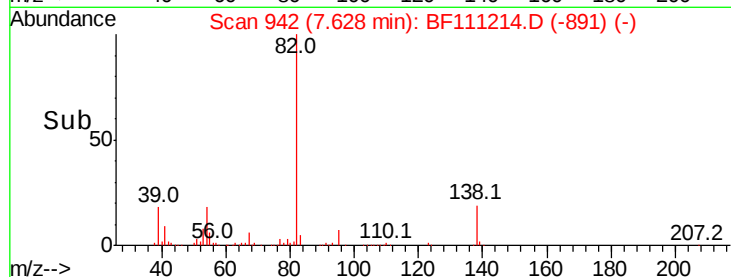
138 18.3 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 47.282 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF111214.D

Acq: 8 Dec 2018 4:18

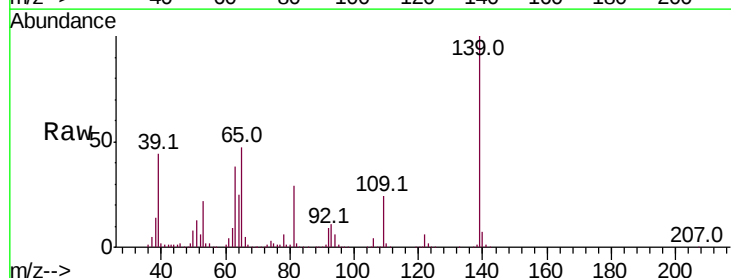
Tgt Ion:139 Resp: 510359

Ion Ratio Lower Upper

139 100

109 23.9 23.1 34.7

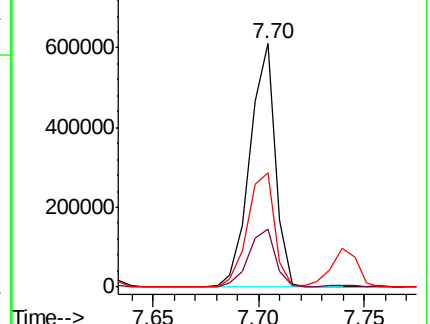
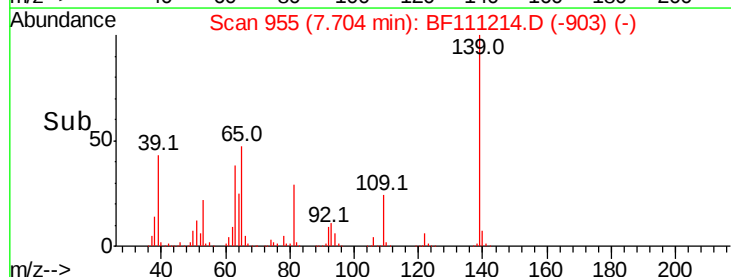
65 46.9 45.9 68.9

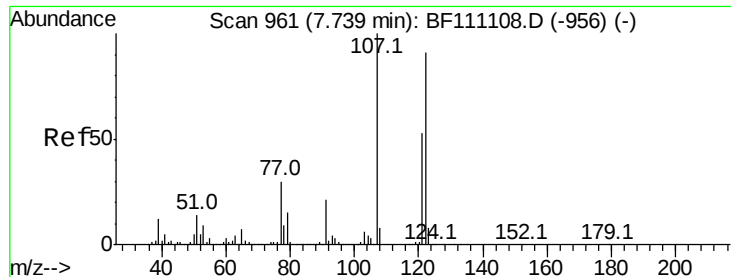


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

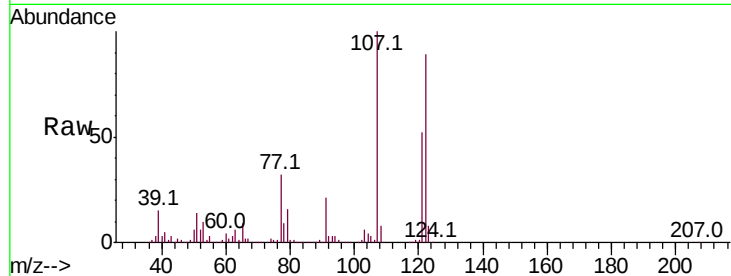




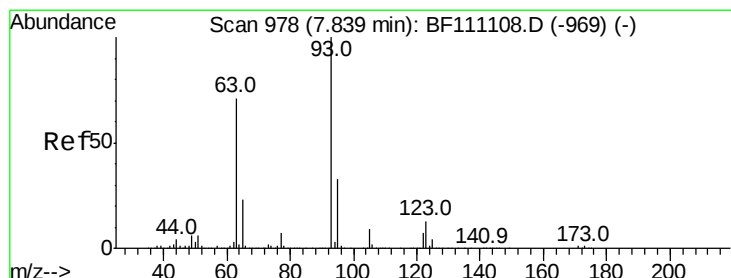
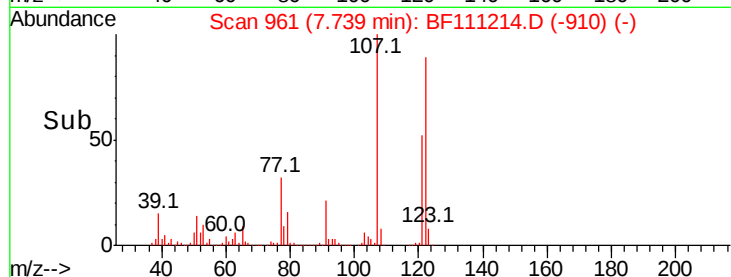
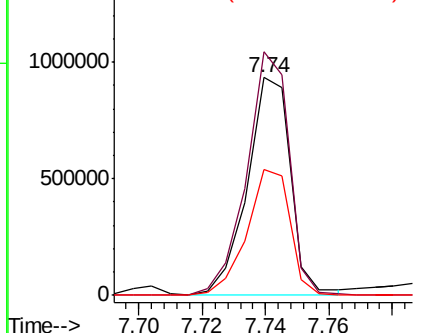
#27
 2,4-Dimethylphenol
 Concen: 43.812 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF111214.D
 Acq: 8 Dec 2018 4:18

Instrument :
 BNA_F
 ClientSampleId :
 PB115402BSD

Tot Ion:122 Resp: 890633
 Ion Ratio Lower Upper
 122 100
 107 111.9 87.4 131.0
 121 57.8 45.9 68.9

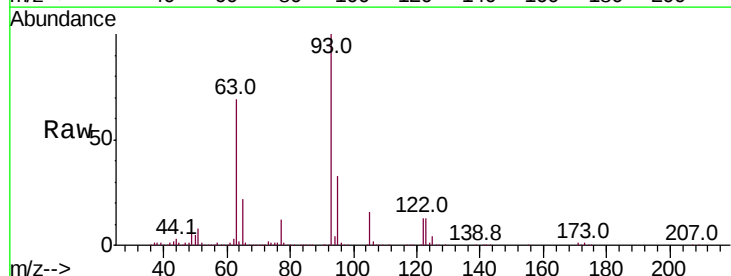


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

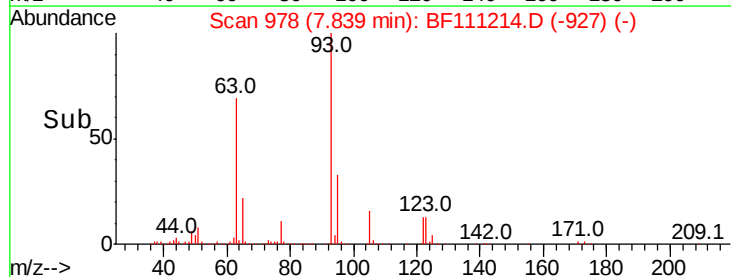
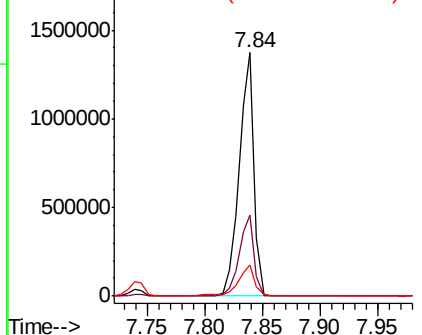


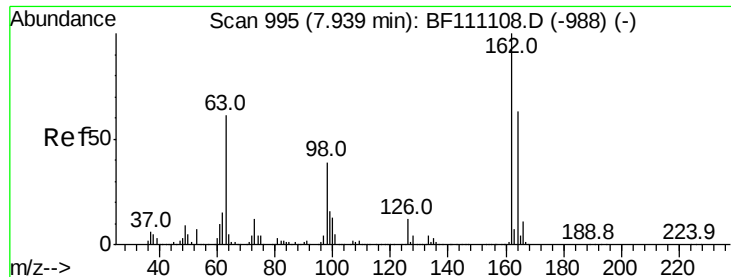
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.862 ng
 RT: 7.84 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF111214.D
 Acq: 8 Dec 2018 4:18

Tgt Ion: 93 Resp: 1205475
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.6 39.8
 123 13.0 10.3 15.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

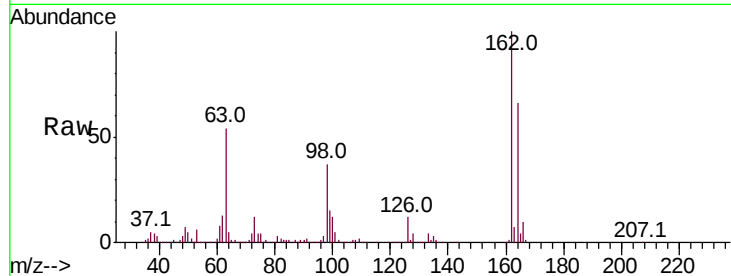




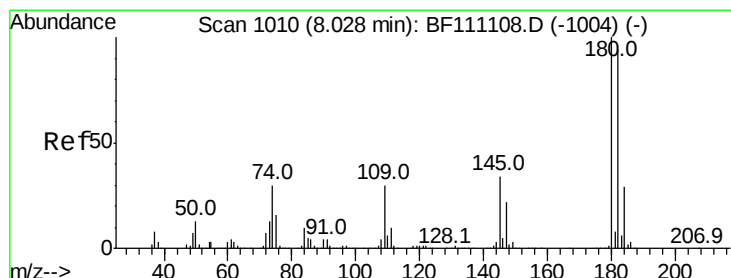
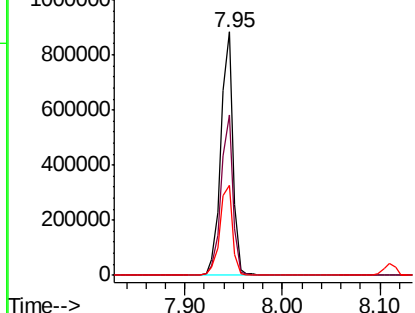
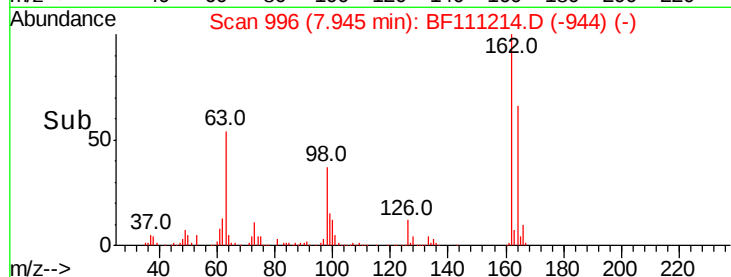
#29
2,4-Dichlorophenol
Concen: 37.992 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

Instrument :
BNA_F
ClientSampleId :
PB115402BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	43.3	83.3
98	37.2	18.9	58.9

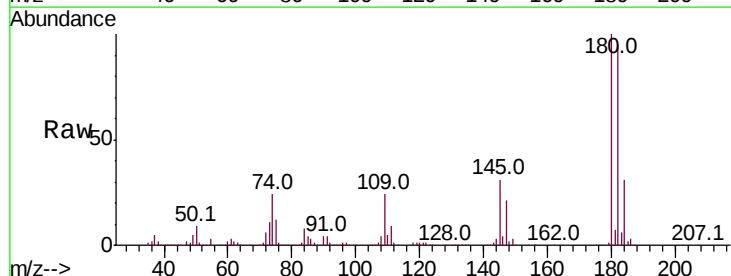


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

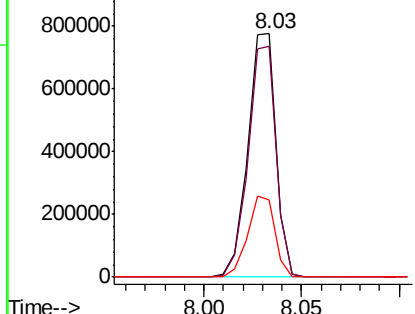
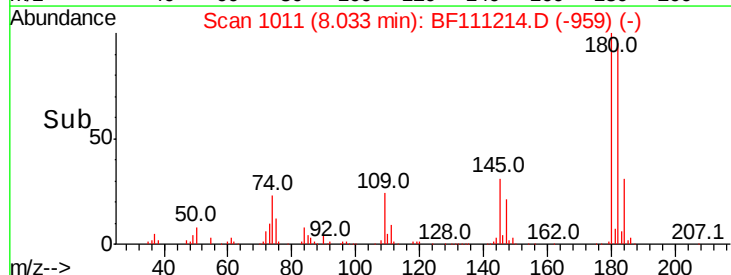


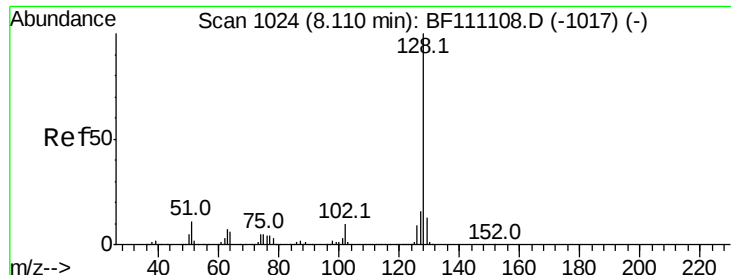
#30
1,2,4-Trichlorobenzene
Concen: 38.233 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.1	112.7
145	31.5	27.6	41.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

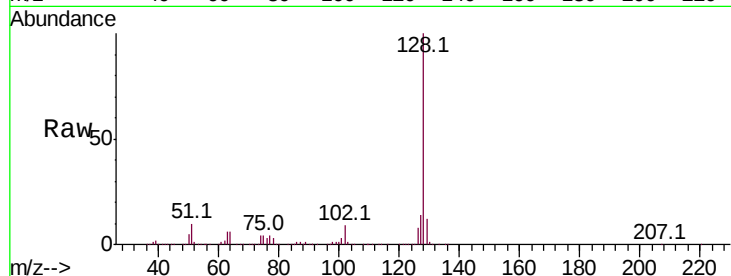




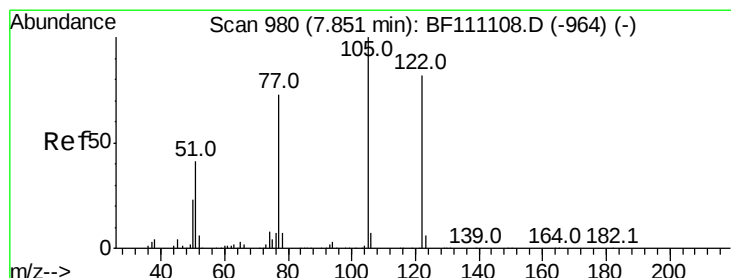
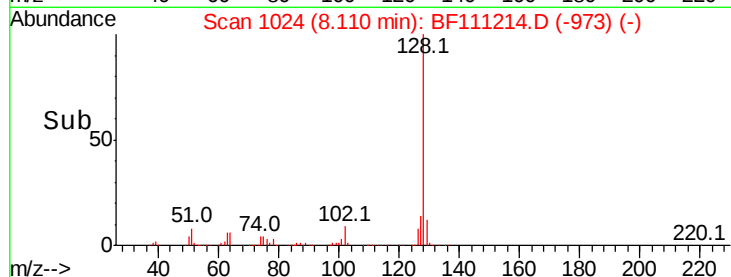
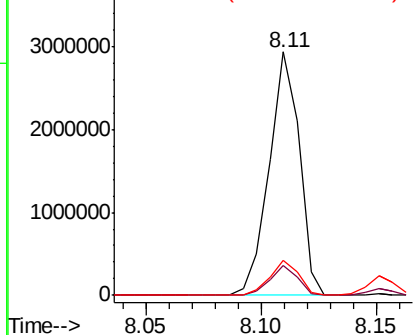
#31
Naphthalene
Concen: 43.706 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

Instrument :
BNA_F
ClientSampleId :
PB115402BSD

Tot Ion:128 Resp: 2675095
Ion Ratio Lower Upper
128 100
129 12.2 10.5 15.7
127 14.2 12.5 18.7

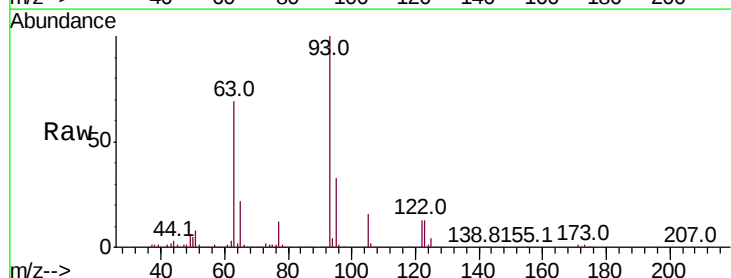


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

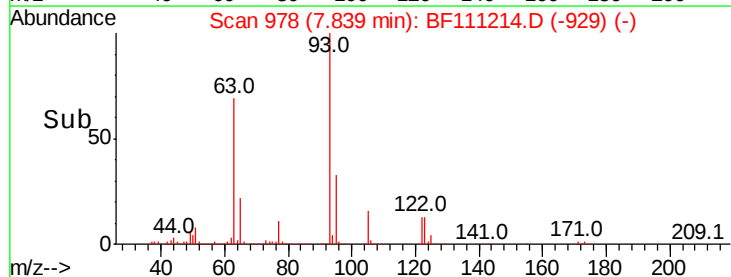
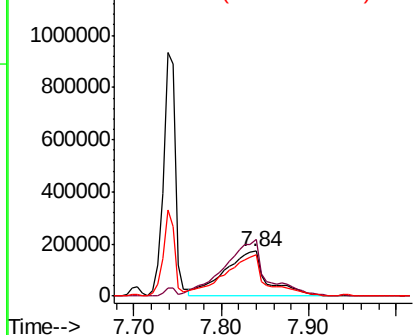


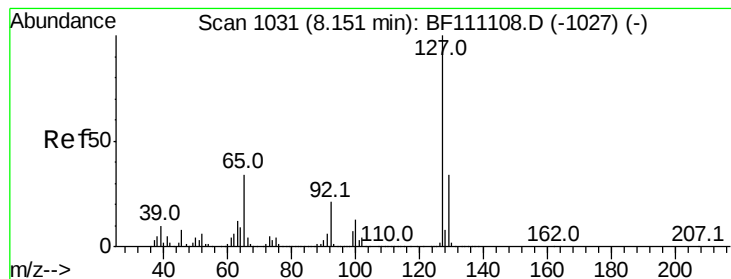
#32
Benzoic acid
Concen: 42.352 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

Tgt Ion:122 Resp: 567735
Ion Ratio Lower Upper
122 100
105 126.5 100.1 140.1
77 92.0 69.4 109.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 7.200 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF111214.D

Acq: 8 Dec 2018 4:18

Instrument :

BNA_F

ClientSampleId :

PB115402BSD

Tot Ion:127 Resp: 213028

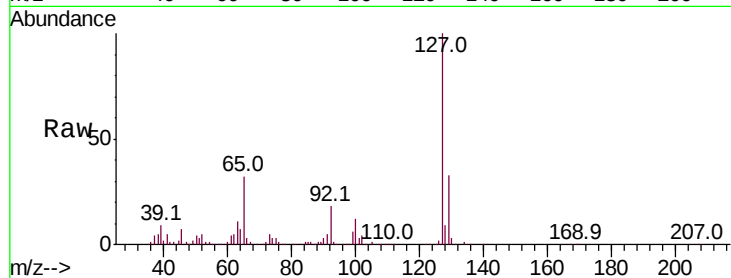
Ion Ratio Lower Upper

127 100

129 32.5 27.0 40.6

65 31.7 27.2 40.8

92 17.6 16.6 24.8

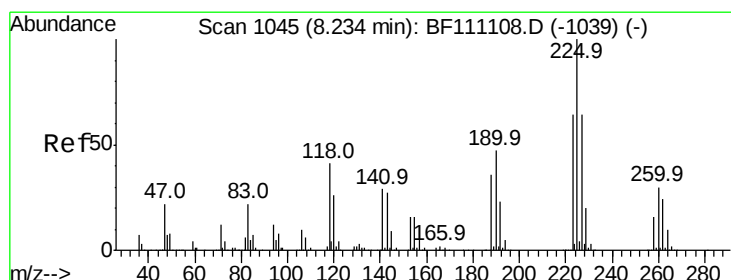
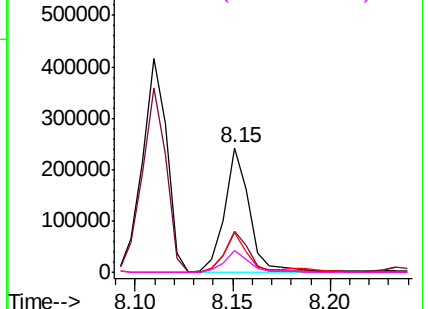
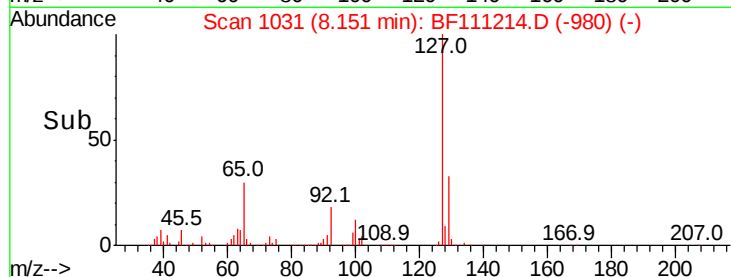


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 37.043 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF111214.D

Acq: 8 Dec 2018 4:18

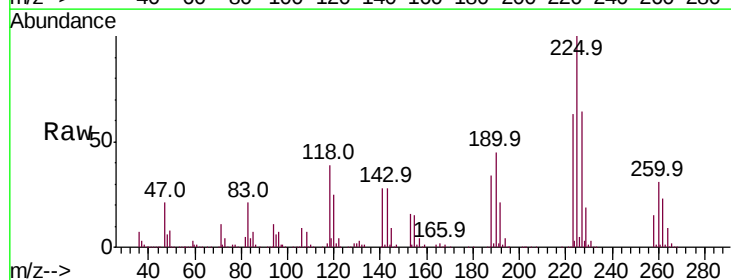
Tgt Ion:225 Resp: 406640

Ion Ratio Lower Upper

225 100

223 62.8 51.4 77.2

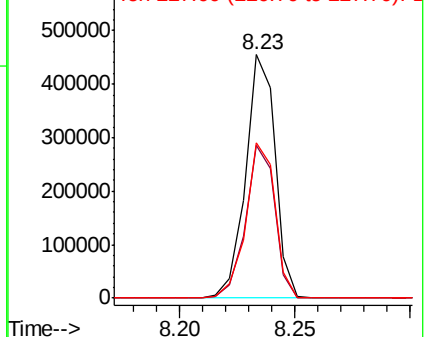
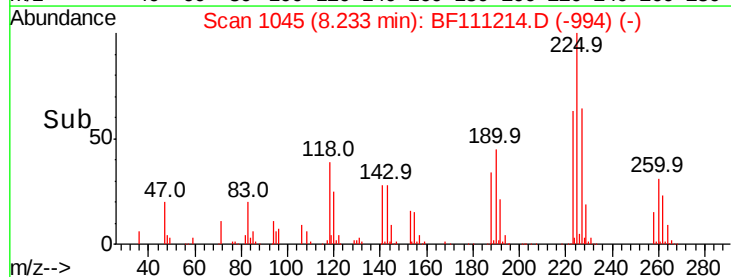
227 64.0 51.0 76.4

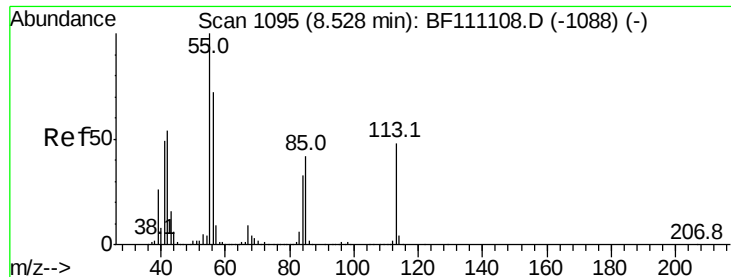


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

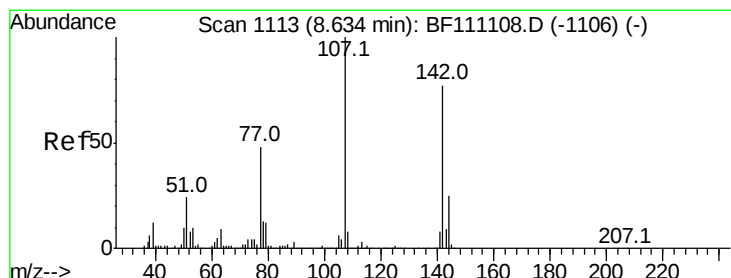
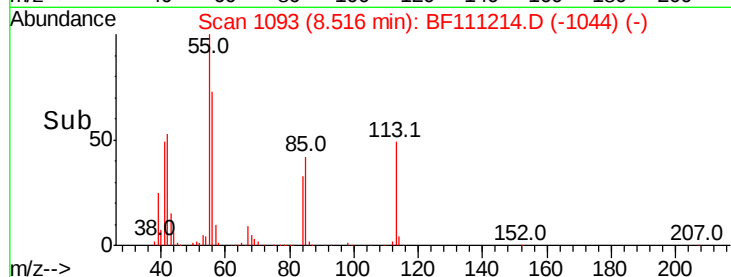
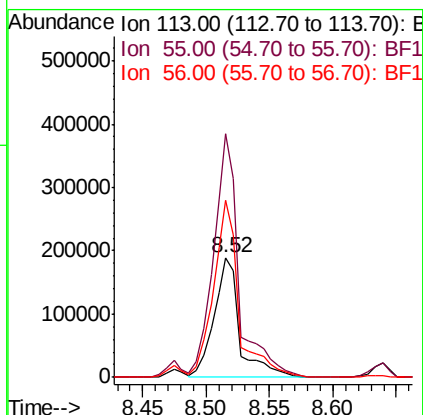
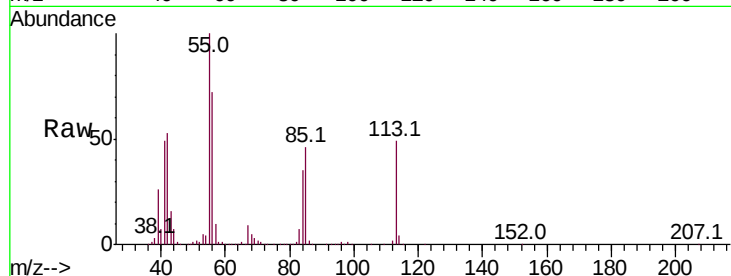




#35
 Caprolactam
 Concen: 36.828 ng
 RT: 8.52 min Scan# 1093
 Delta R.T. -0.01 min
 Lab File: BF111214.D
 Acq: 8 Dec 2018 4:18

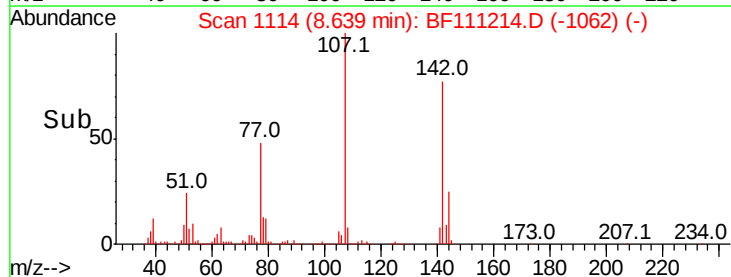
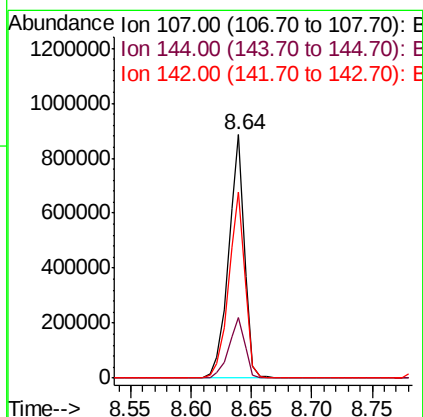
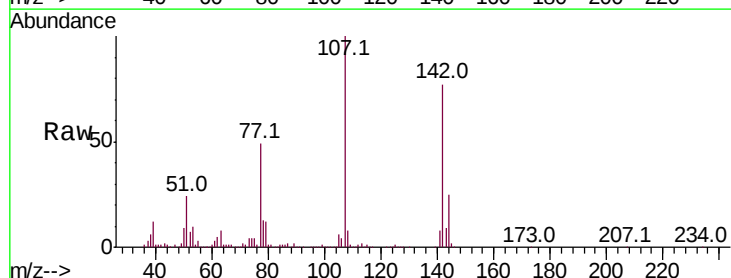
Instrument :
 BNA_F
 ClientSampleId :
 PB115402BSD

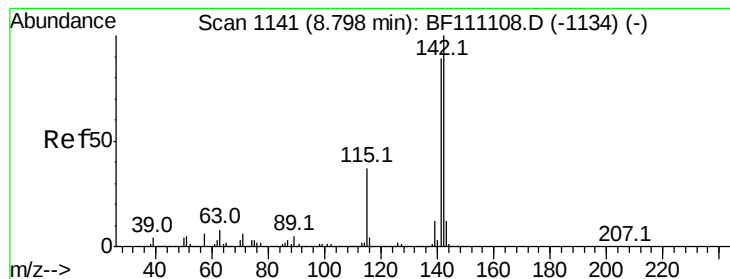
Tot Ion:113 Resp: 270609
 Ion Ratio Lower Upper
 113 100
 55 203.2 190.6 230.6
 56 147.3 130.9 170.9



#36
 4-Chloro-3-methylphenol
 Concen: 36.748 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: BF111214.D
 Acq: 8 Dec 2018 4:18

Tgt Ion:107 Resp: 805538
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.9 29.9
 142 76.6 61.4 92.0





#37

2-Methylnaphthalene

Concen: 44.266 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.01 min

Lab File: BF111214.D

Acq: 8 Dec 2018 4:18

Instrument :

BNA_F

ClientSampleId :

PB115402BSD

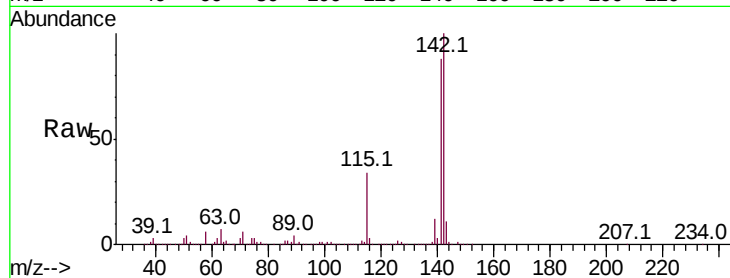
Tot Ion:142 Resp: 1868914

Ion Ratio Lower Upper

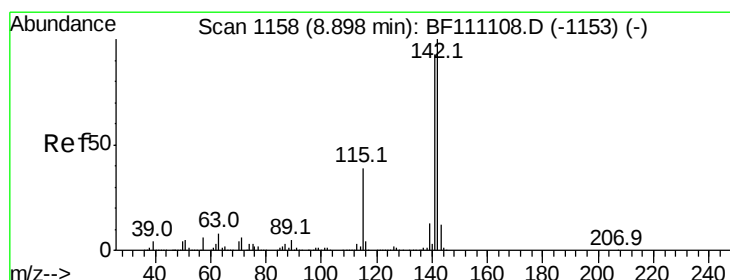
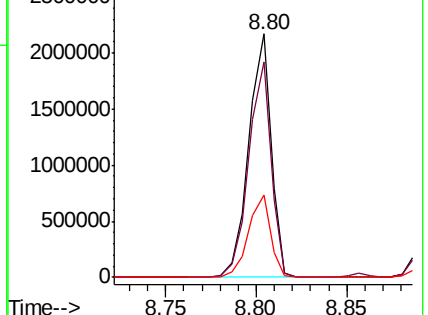
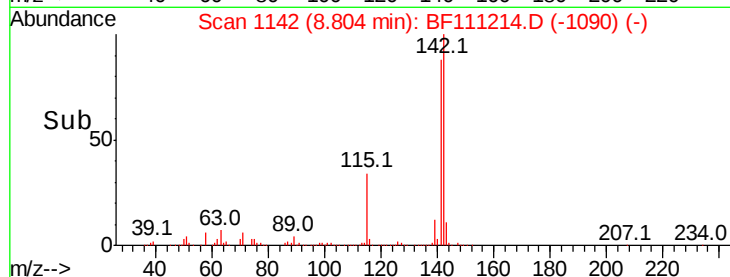
142 100

141 88.3 71.4 107.0

115 33.7 29.2 43.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.714 ng

RT: 8.90 min Scan# 1159

Delta R.T. 0.01 min

Lab File: BF111214.D

Acq: 8 Dec 2018 4:18

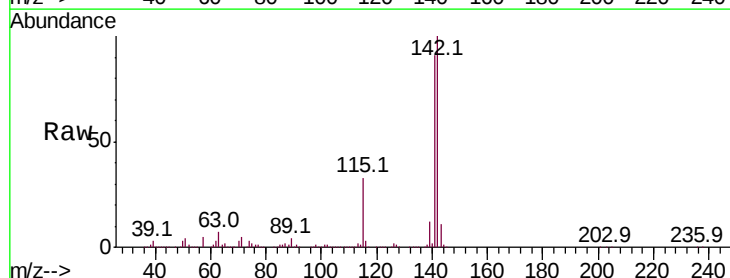
Tgt Ion:142 Resp: 1733797

Ion Ratio Lower Upper

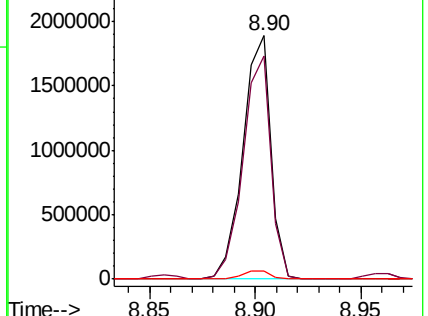
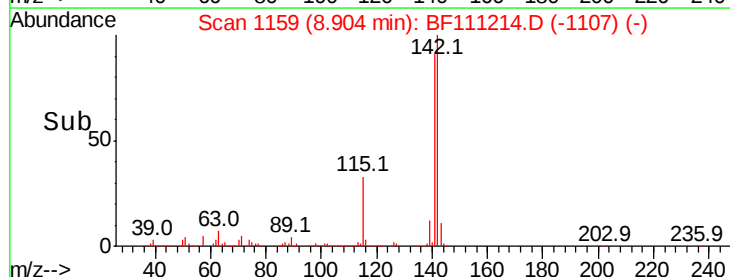
142 100

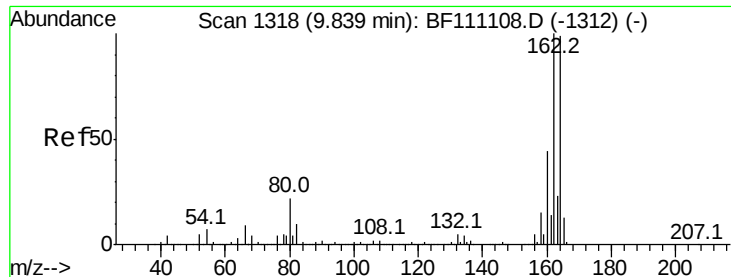
141 91.4 74.5 111.7

116 3.4 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

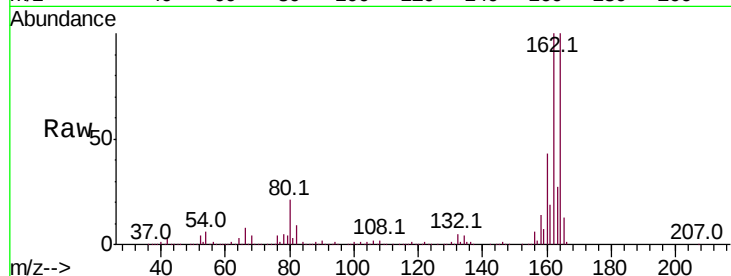




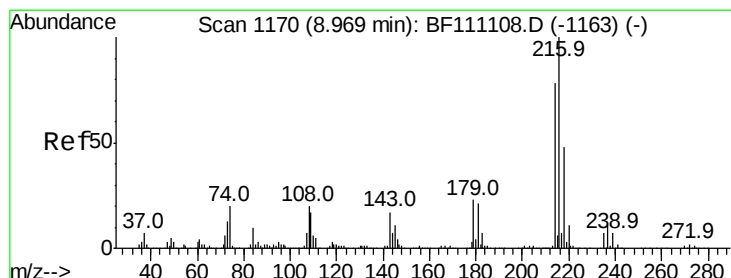
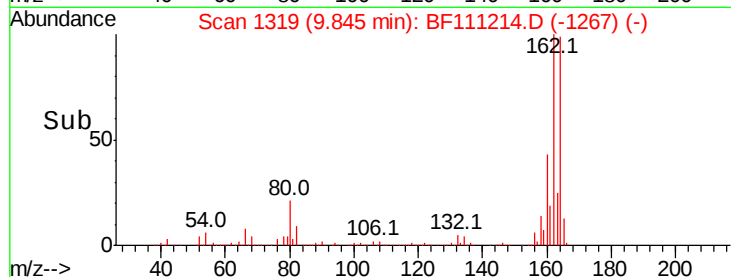
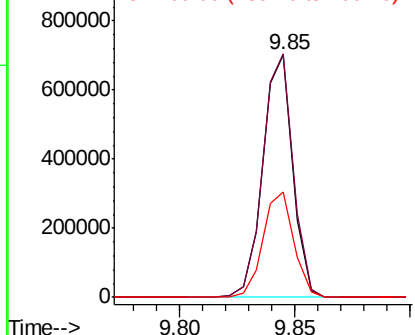
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.01 min
 Lab File: BF111214.D
 Acq: 8 Dec 2018 4:18

Instrument :
 BNA_F
 ClientSampleId :
 PB115402BSD

Tot Ion:164 Resp: 630978
 Ion Ratio Lower Upper
 164 100
 162 100.4 80.6 120.8
 160 43.6 35.5 53.3

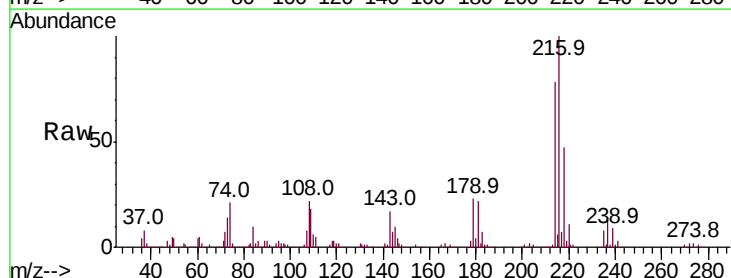


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

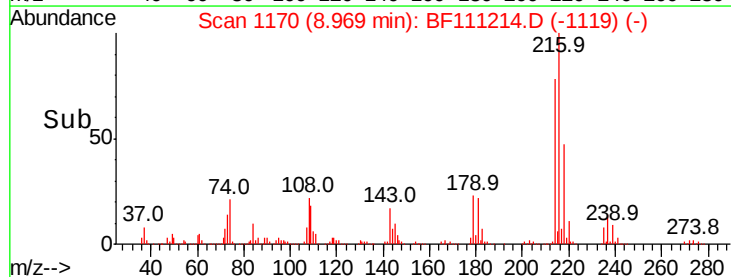
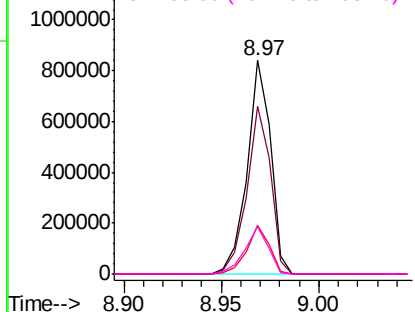


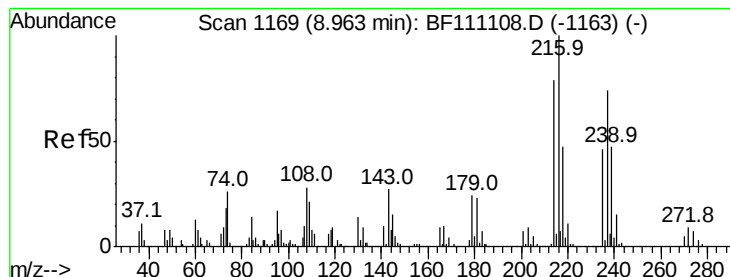
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.776 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF111214.D
 Acq: 8 Dec 2018 4:18

Tgt Ion:216 Resp: 702544
 Ion Ratio Lower Upper
 216 100
 214 79.1 63.4 95.0
 179 22.3 18.5 27.7
 108 22.4 19.1 28.7



Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 33.041 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF111214.D

Acq: 8 Dec 2018 4:18

Instrument :

BNA_F

ClientSampleId :

PB115402BSD

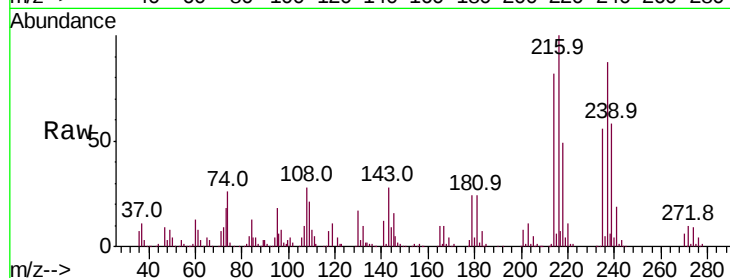
Tot Ion:237 Resp: 292989

Ion Ratio Lower Upper

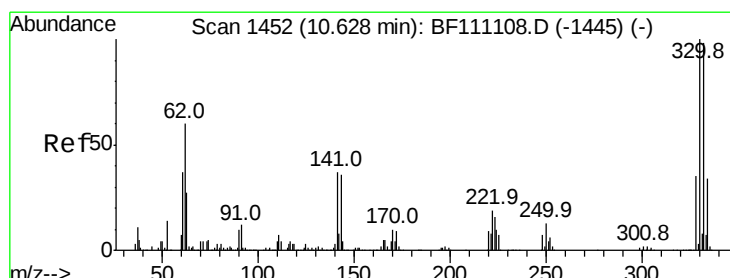
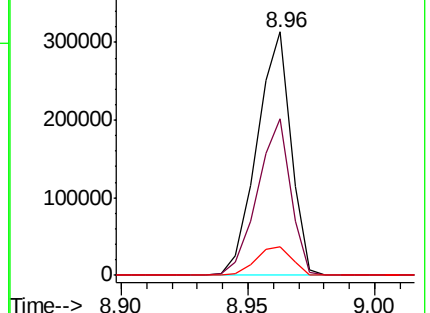
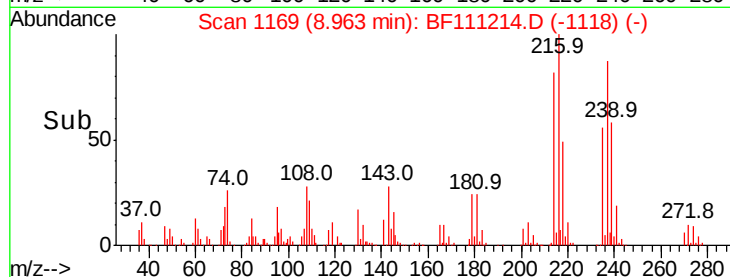
237 100

235 64.3 41.9 81.9

272 11.8 0.0 32.7



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 82.173 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BF111214.D

Acq: 8 Dec 2018 4:18

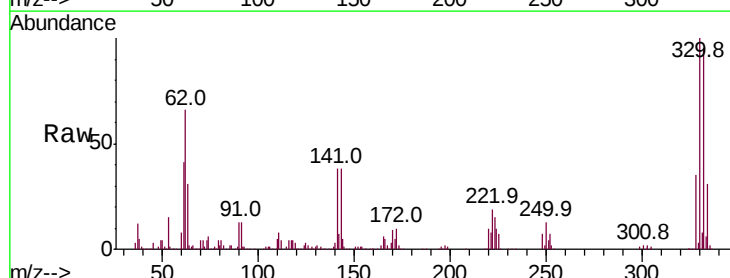
Tgt Ion:330 Resp: 412145

Ion Ratio Lower Upper

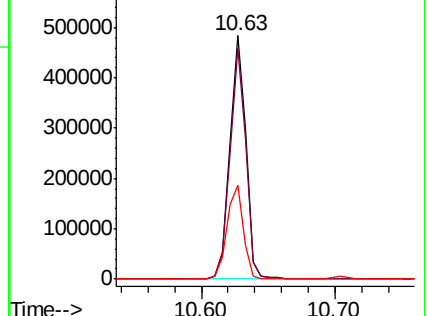
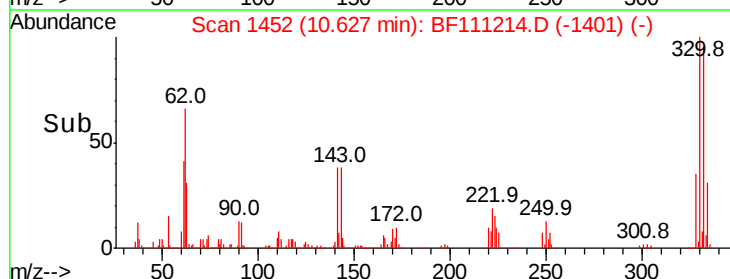
330 100

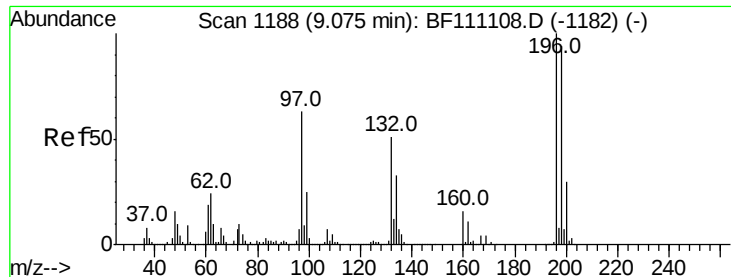
332 94.7 77.2 115.8

141 39.8 36.1 54.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

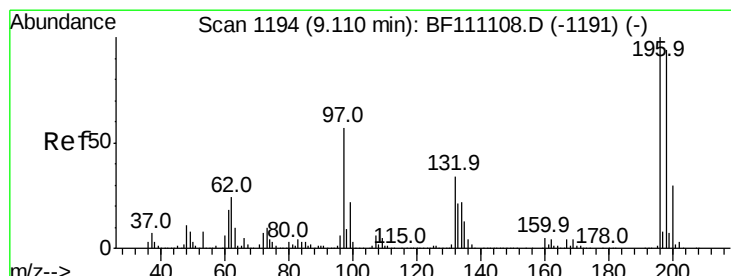
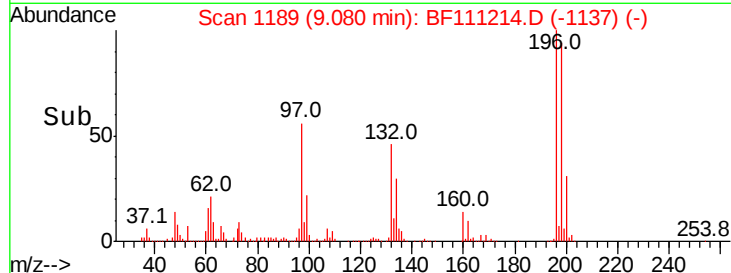
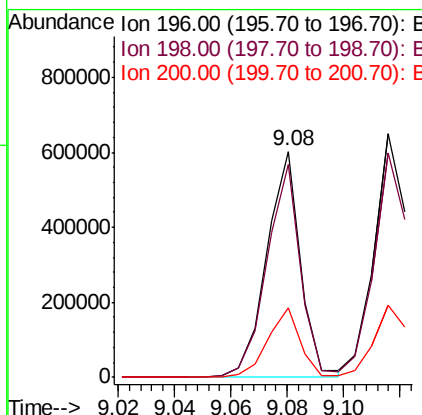
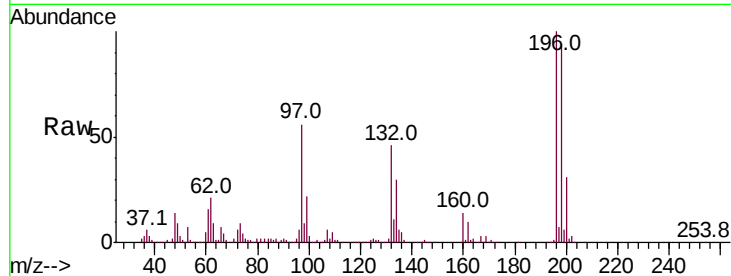




#43
 2,4,6-Trichlorophenol
 Concen: 40.608 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF111214.D
 Acq: 8 Dec 2018 4:18

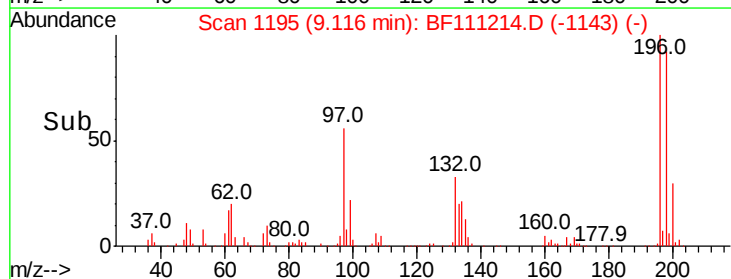
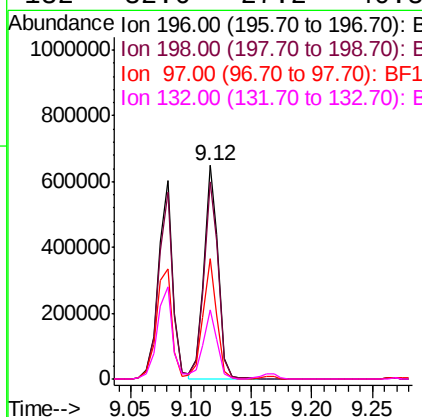
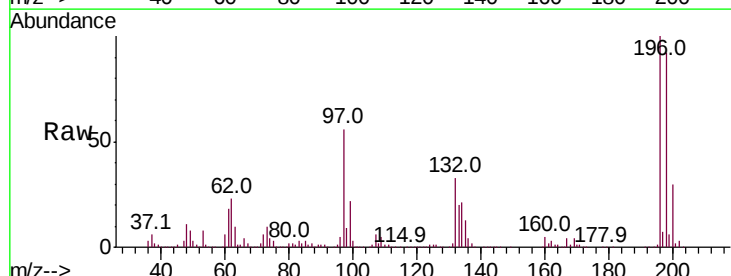
Instrument :
 BNA_F
 ClientSampleId :
 PB115402BSD

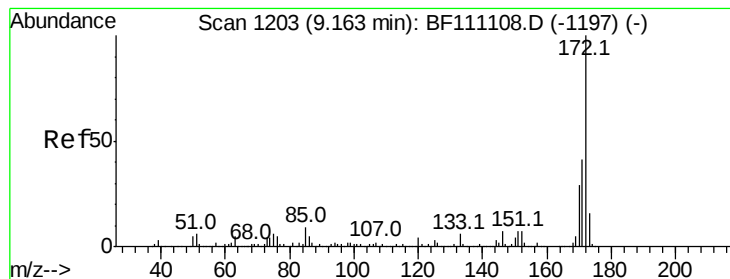
Tot Ion:196	Resp:	498757
Ion Ratio	Lower	Upper
196	100	
198	94.4	75.4 113.0
200	30.7	24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 42.730 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF111214.D
 Acq: 8 Dec 2018 4:18

Tgt Ion:196	Resp:	532015
Ion Ratio	Lower	Upper
196	100	
198	92.1	75.0 112.4
97	56.4	46.2 69.4
132	32.6	27.2 40.8





#45

2-Fluorobiphenyl

Concen: 97.431 ng

RT: 9.17 min Scan# 1204

Delta R.T. 0.01 min

Lab File: BF111214.D

Acq: 8 Dec 2018 4:18

Instrument :

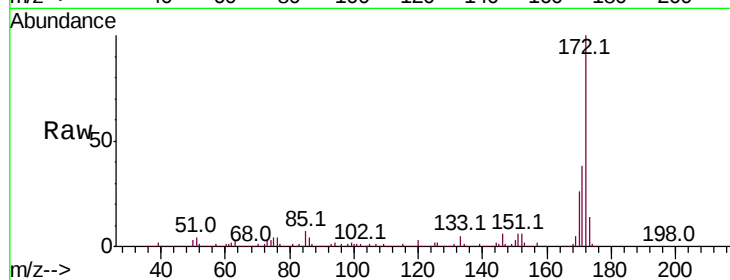
BNA_F

ClientSampleId :

PB115402BSD

Tot Ion:172 Resp: 3249509

Ion	Ratio	Lower	Upper
172	100		
171	38.2	33.2	49.8
170	26.0	22.9	34.3

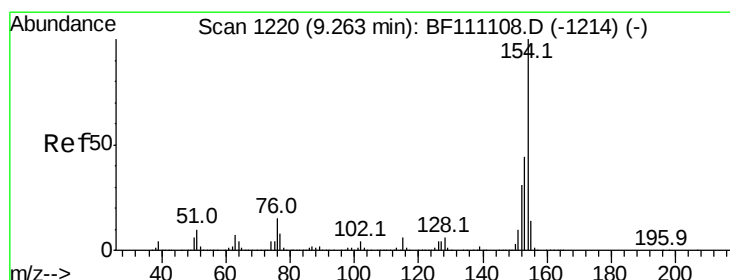
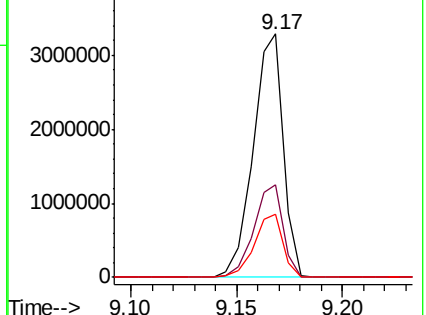
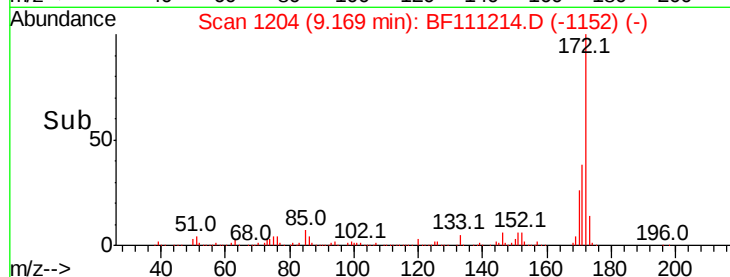


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 38.258 ng

RT: 9.27 min Scan# 1221

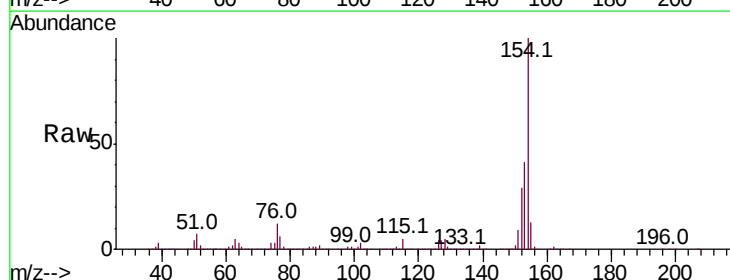
Delta R.T. 0.01 min

Lab File: BF111214.D

Acq: 8 Dec 2018 4:18

Tgt Ion:154 Resp: 1976158

Ion	Ratio	Lower	Upper
154	100		
153	40.9	23.7	63.7
76	12.5	0.0	35.0

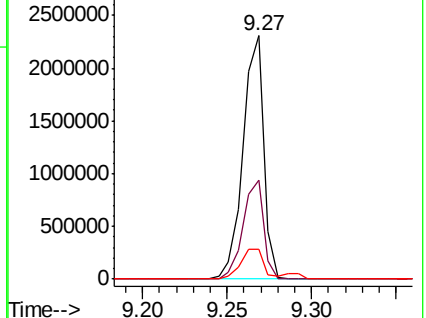
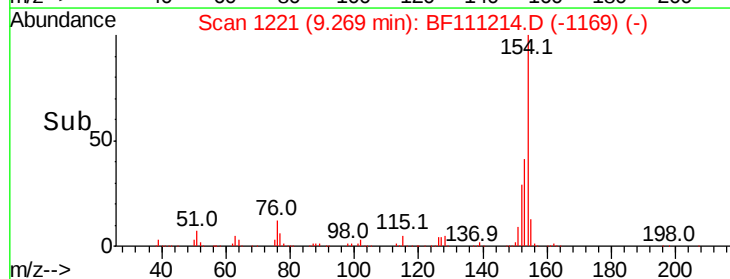


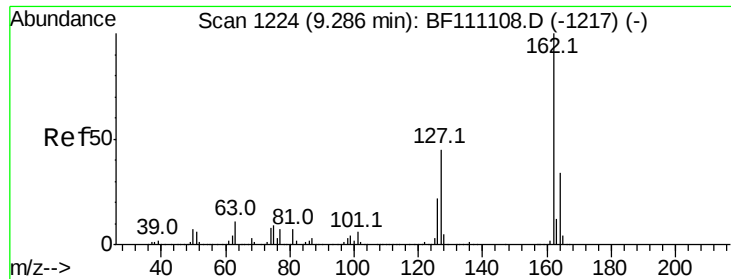
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



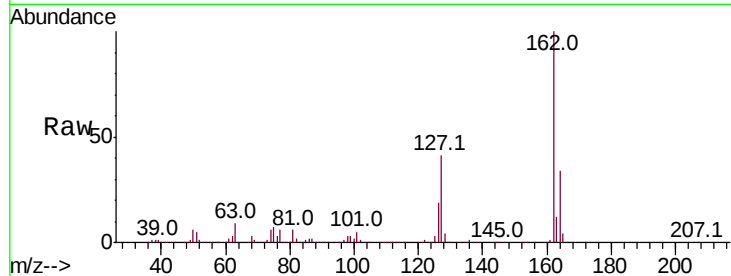


#47
 2-Chloronaphthalene
 Concen: 38.270 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF111214.D
 Acq: 8 Dec 2018 4:18

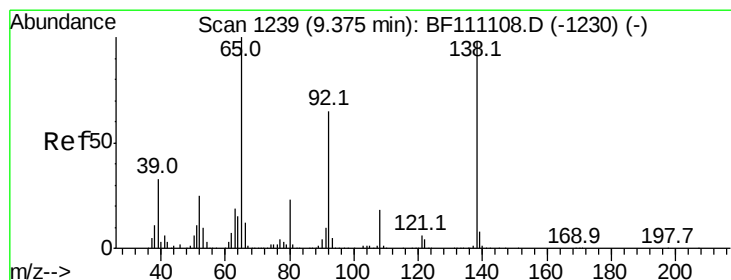
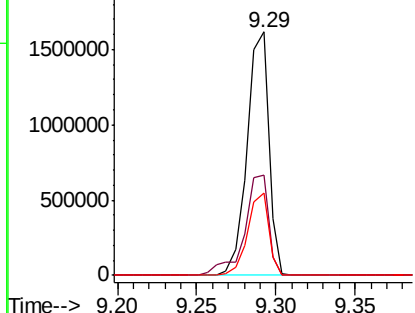
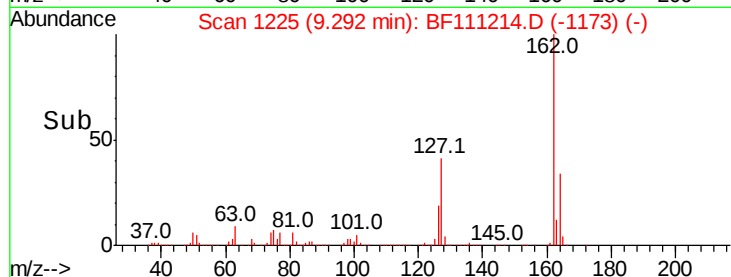
Instrument :
 BNA_F
 ClientSampleId :
 PB115402BSD

Tot Ion:162 Resp: 1536071

Ion	Ratio	Lower	Upper
162	100		
127	41.2	36.4	54.6
164	33.7	27.3	40.9



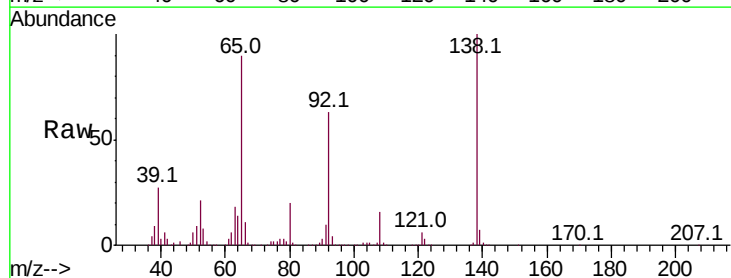
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



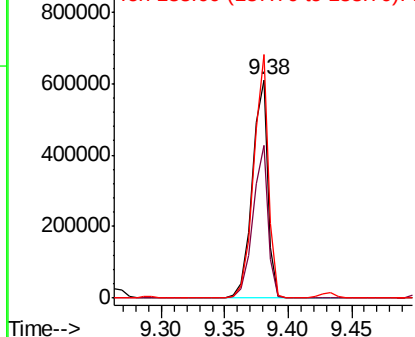
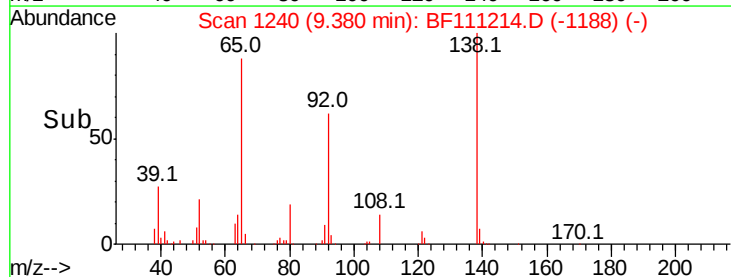
#48
 2-Nitroaniline
 Concen: 40.420 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: BF111214.D
 Acq: 8 Dec 2018 4:18

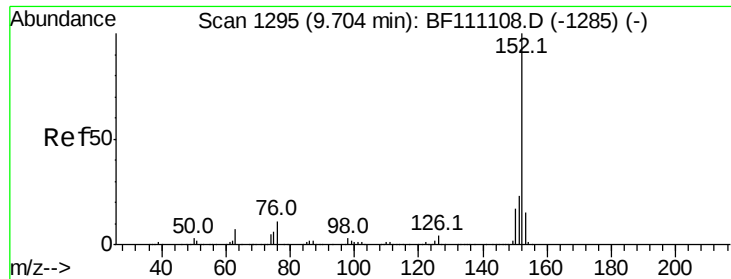
Tgt Ion: 65 Resp: 525771

Ion	Ratio	Lower	Upper
65	100		
92	69.8	52.1	78.1
138	111.7	78.2	117.4



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E

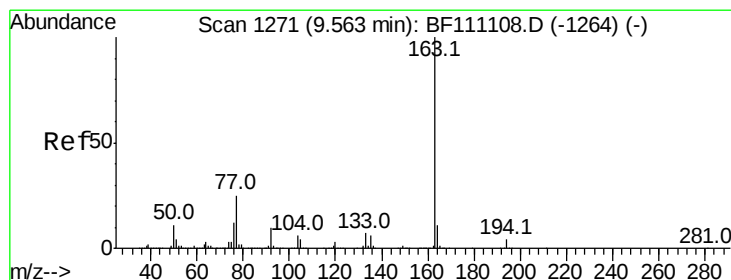
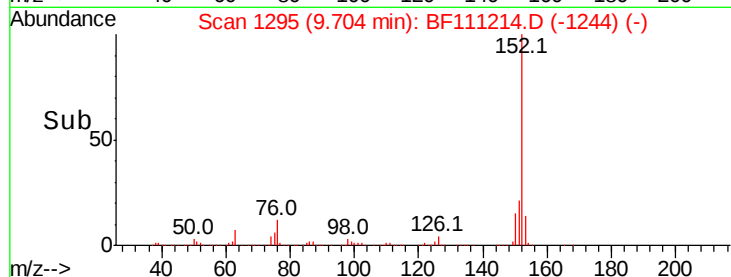
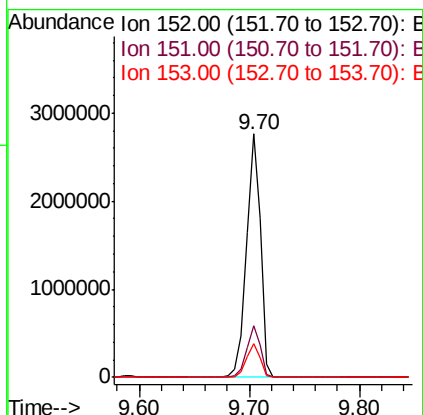
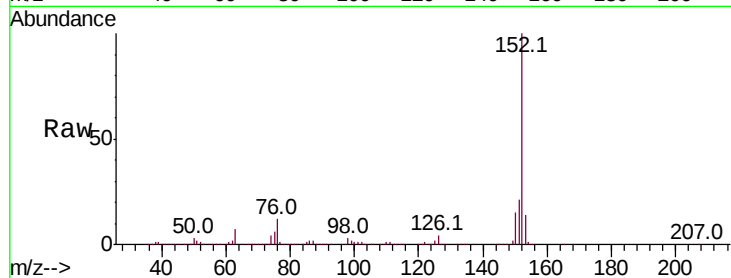




#49
Acenaphthylene
Concen: 43.931 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

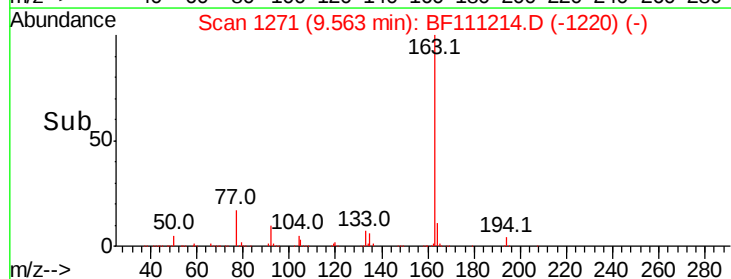
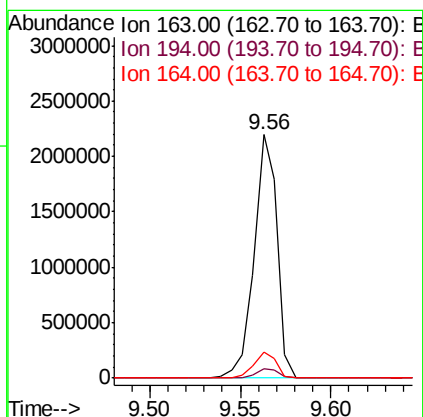
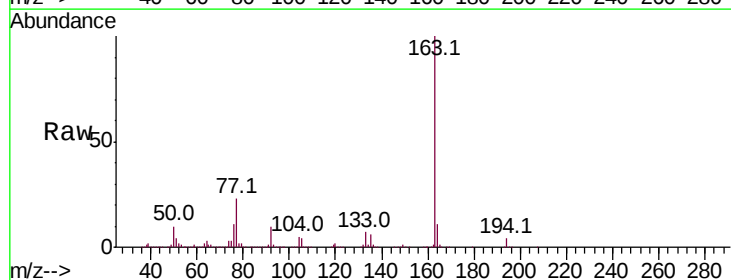
Instrument :
BNA_F
ClientSampleId :
PB115402BSD

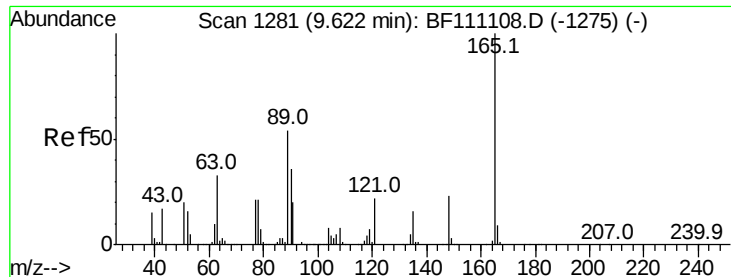
Tot Ion:152 Resp: 2464722
Ion Ratio Lower Upper
152 100
151 21.0 18.3 27.5
153 13.6 11.8 17.8



#50
Dimethylphthalate
Concen: 43.799 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

Tgt Ion:163 Resp: 1923368
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.7 8.9 13.3

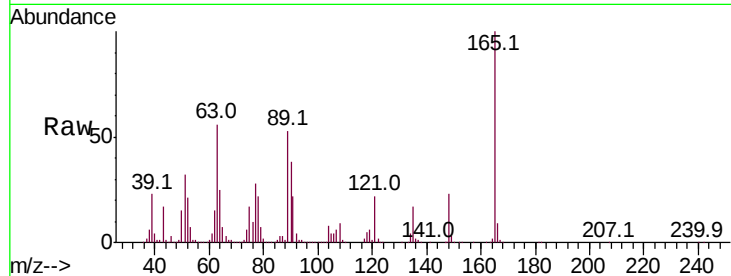




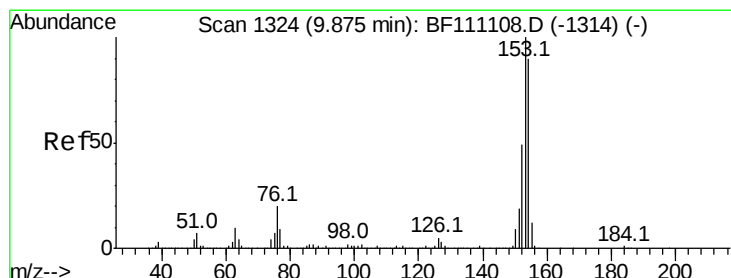
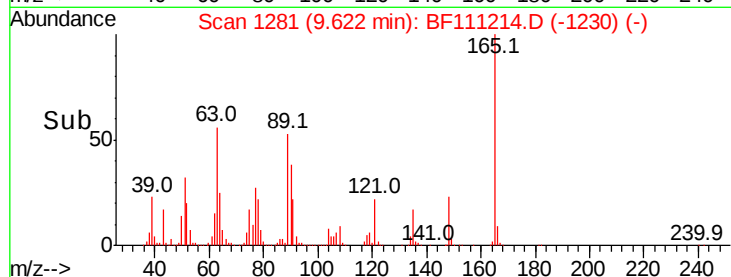
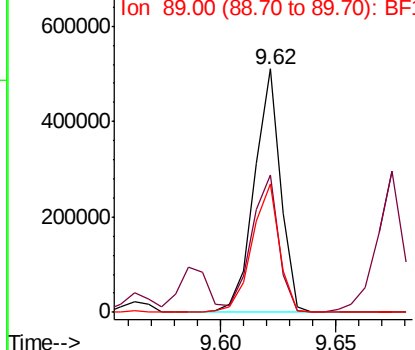
#51
 2,6-Dinitrotoluene
 Concen: 43.628 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BF111214.D
 Acq: 8 Dec 2018 4:18

Instrument :
 BNA_F
 ClientSampleId :
 PB115402BSD

Tot Ion:165 Resp: 406192
 Ion Ratio Lower Upper
 165 100
 63 56.2 44.7 67.1
 89 52.9 43.0 64.4

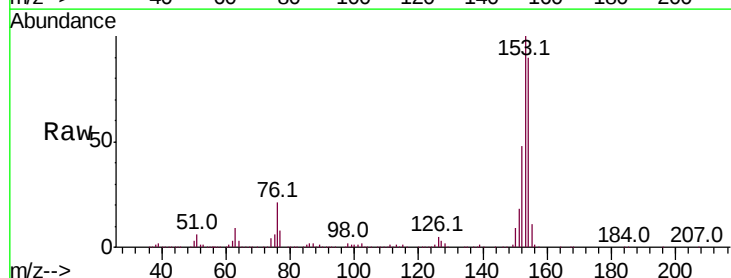


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

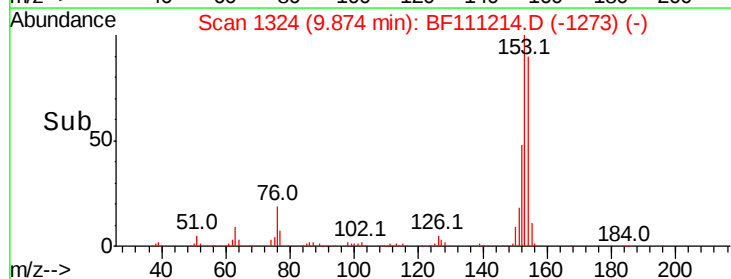
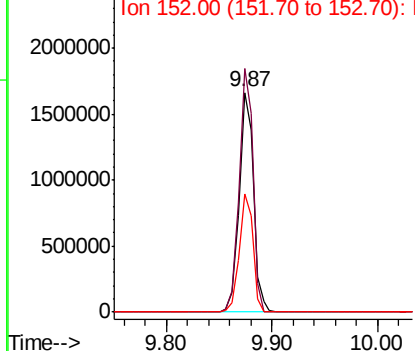


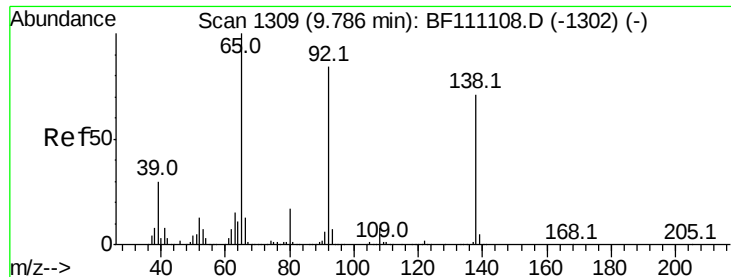
#52
 Acenaphthene
 Concen: 41.256 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF111214.D
 Acq: 8 Dec 2018 4:18

Tgt Ion:154 Resp: 1529155
 Ion Ratio Lower Upper
 154 100
 153 110.8 88.7 133.1
 152 53.5 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

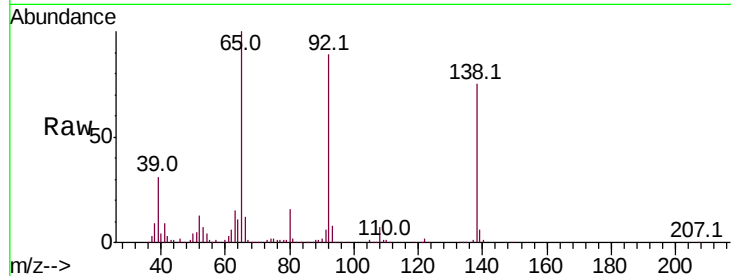




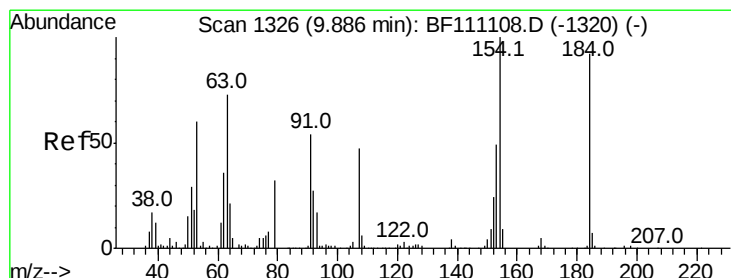
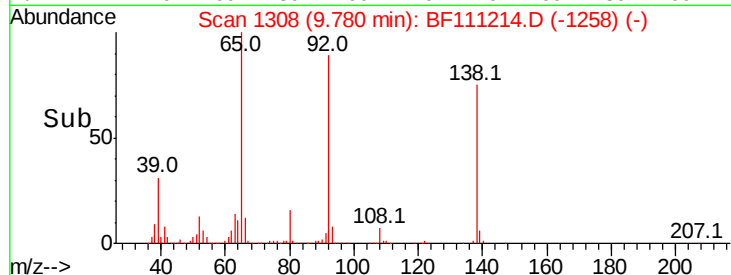
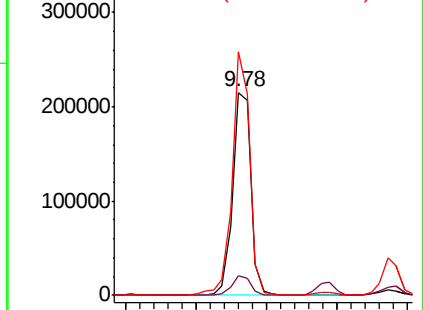
#53
3-Nitroaniline
Concen: 16.574 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

Instrument :
BNA_F
ClientSampleId :
PB115402BSD

Tot Ion:138 Resp: 193828
Ion Ratio Lower Upper
138 100
108 9.7 9.4 14.0
92 119.9 94.1 141.1

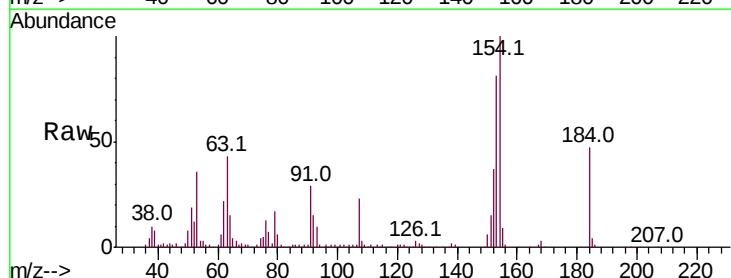


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

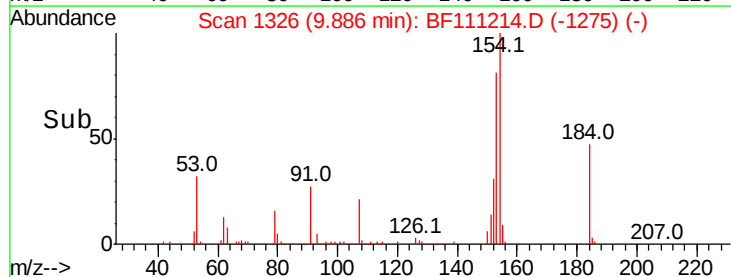
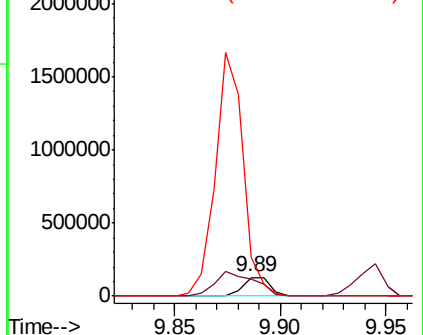


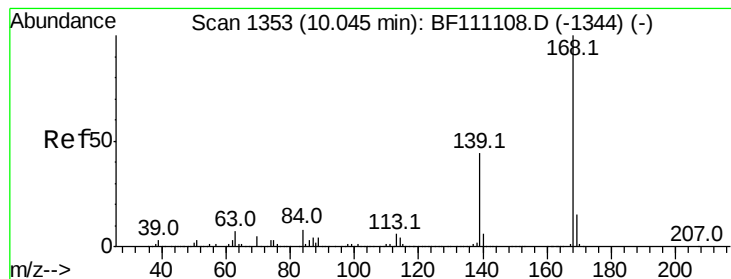
#54
2,4-Dinitrophenol
Concen: 41.833 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

Tgt Ion:184 Resp: 113277
Ion Ratio Lower Upper
184 100
63 91.2 64.2 96.4
154 211.7 89.5 134.3#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 45.665 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BF111214.D

Acq: 8 Dec 2018 4:18

Instrument :

BNA_F

ClientSampleId :

PB115402BSD

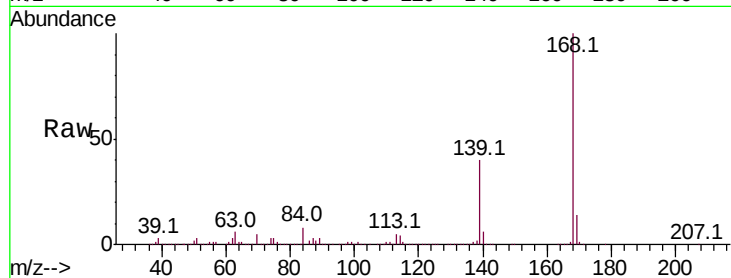
Tot Ion:168 Resp: 2331320

Ion Ratio Lower Upper

168 100

139 39.8 35.1 52.7

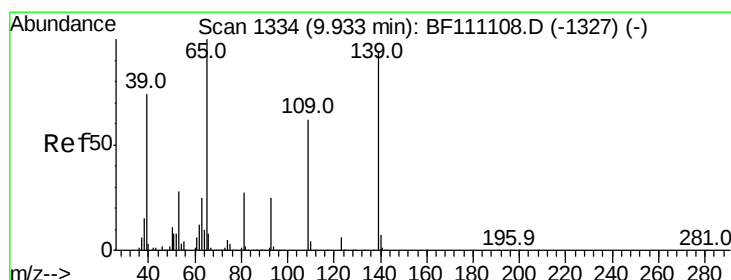
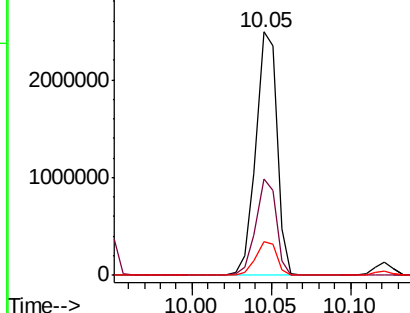
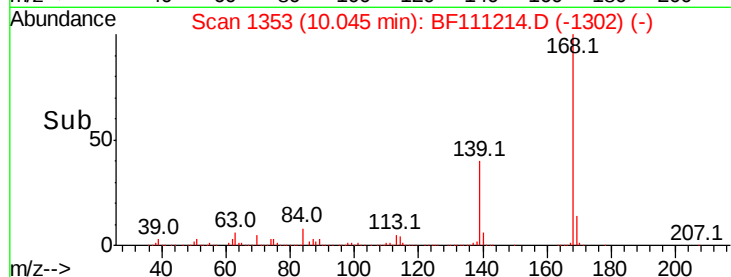
169 14.1 12.2 18.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 80.049 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BF111214.D

Acq: 8 Dec 2018 4:18

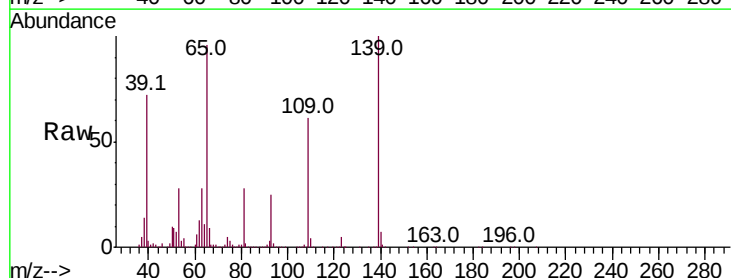
Tgt Ion:139 Resp: 705460

Ion Ratio Lower Upper

139 100

109 60.5 46.1 86.1

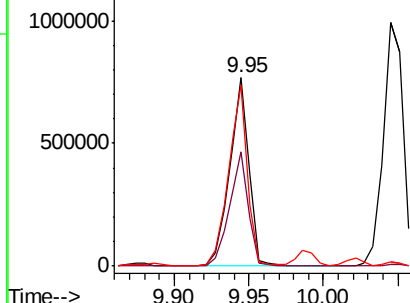
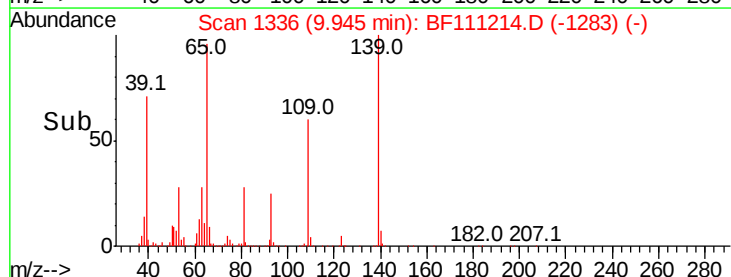
65 96.2 87.0 127.0

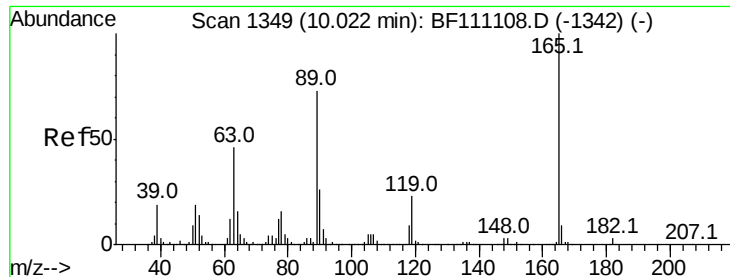


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 48.289 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BF111214.D

Acq: 8 Dec 2018 4:18

Instrument :

BNA_F

ClientSampleId :

PB115402BSD

Tot Ion:165 Resp: 580647

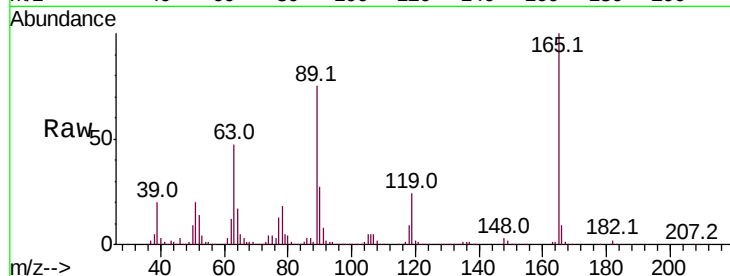
Ion Ratio Lower Upper

165 100

63 47.5 36.7 55.1

89 75.3 58.4 87.6

182 2.3 2.1 3.1

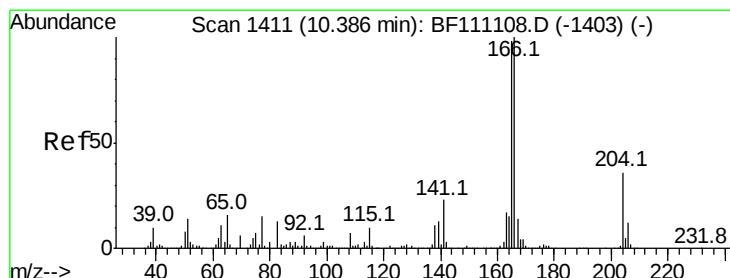
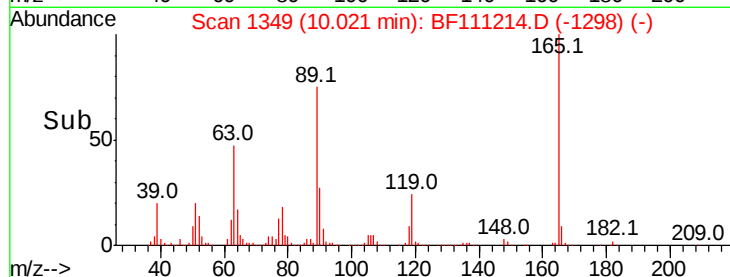
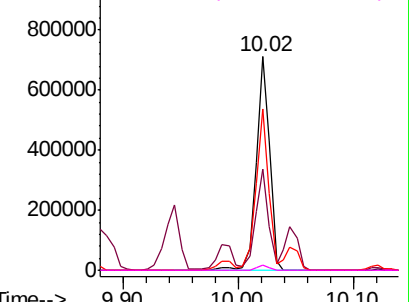


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 45.135 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.01 min

Lab File: BF111214.D

Acq: 8 Dec 2018 4:18

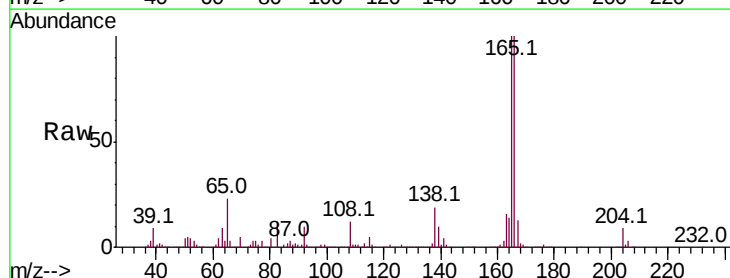
Tgt Ion:166 Resp: 1624893

Ion Ratio Lower Upper

166 100

165 99.7 78.4 117.6

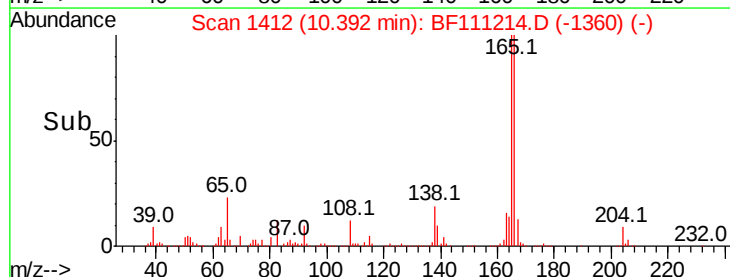
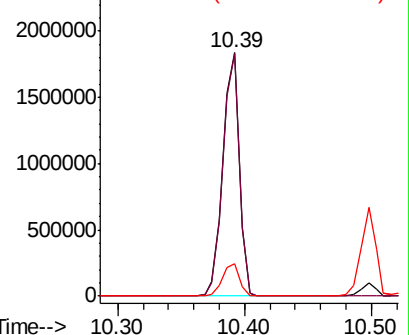
167 13.4 11.4 17.2

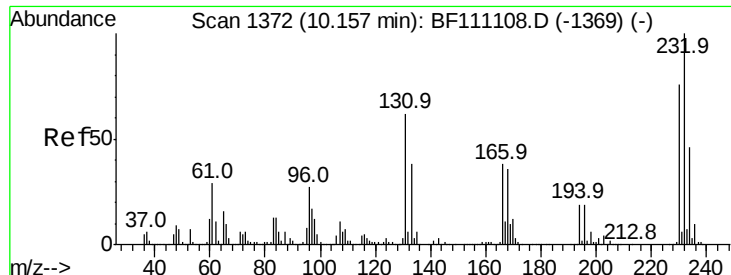


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

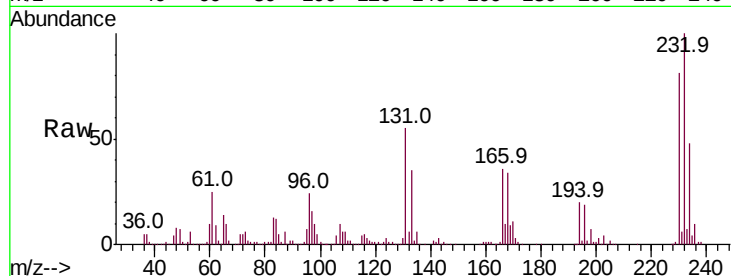




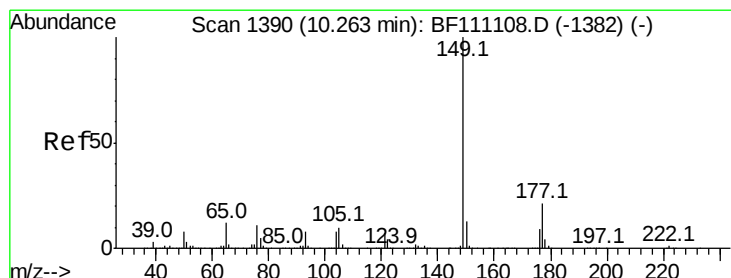
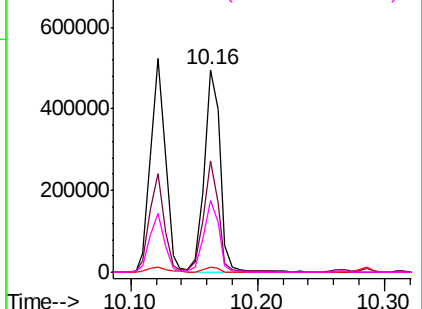
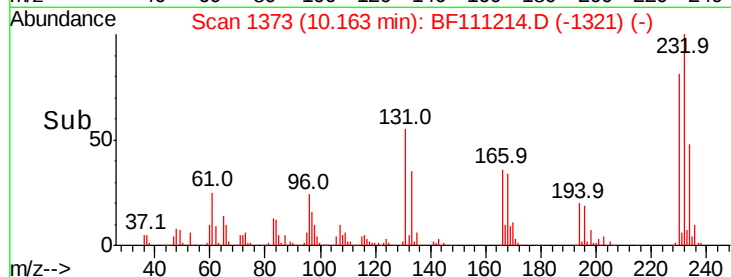
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.233 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

Instrument :
BNA_F
ClientSampleId :
PB115402BSD

Tot Ion:232 Resp: 429623
Ion Ratio Lower Upper
232 100
131 51.8 40.4 60.6
130 2.5 2.1 3.1
166 34.6 23.0 34.6

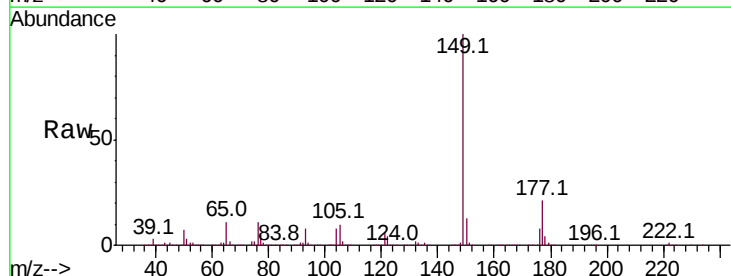


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

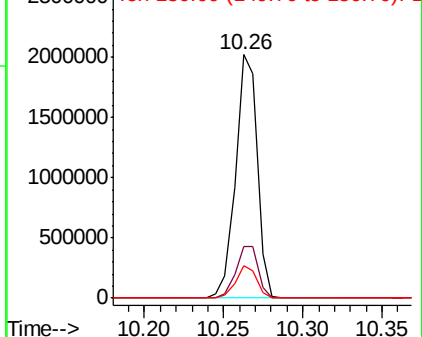
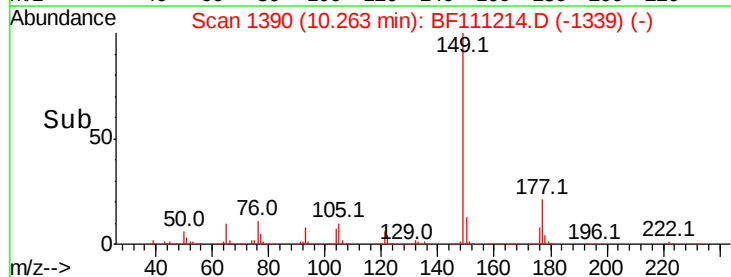


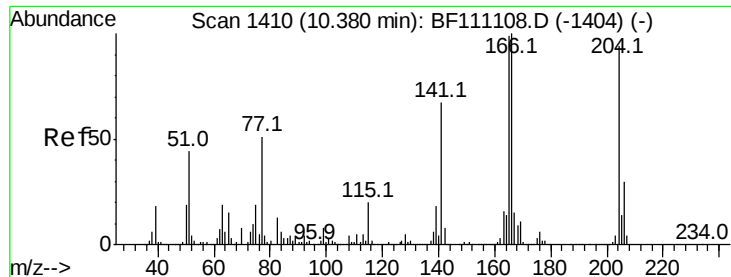
#60
Diethylphthalate
Concen: 43.571 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

Tgt Ion:149 Resp: 1912138
Ion Ratio Lower Upper
149 100
177 21.3 17.0 25.6
150 13.1 10.5 15.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

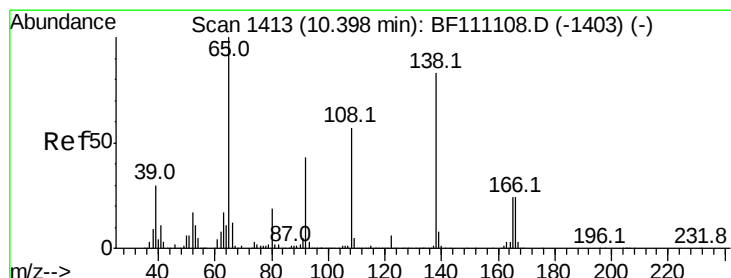
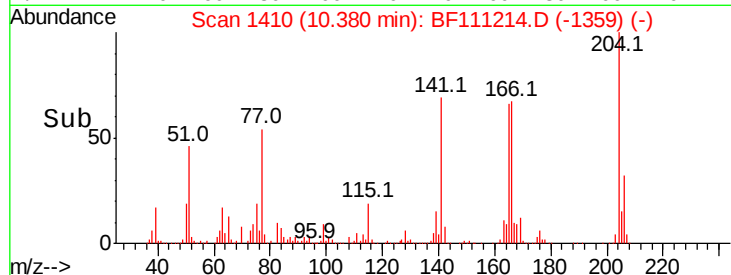
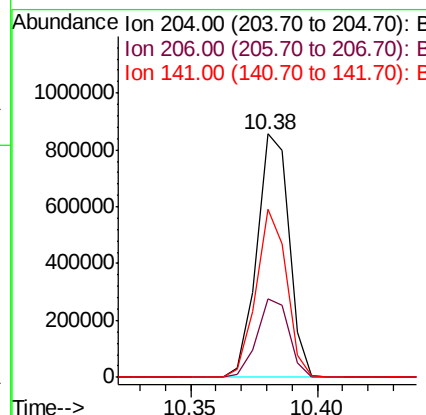
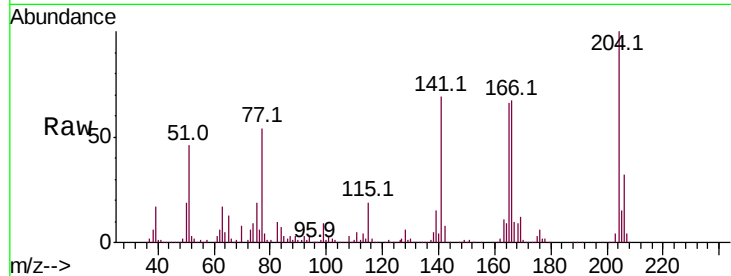




#61
 4-Chlorophenyl-phenylether
 Concen: 42.911 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: BF111214.D
 Acq: 8 Dec 2018 4:18

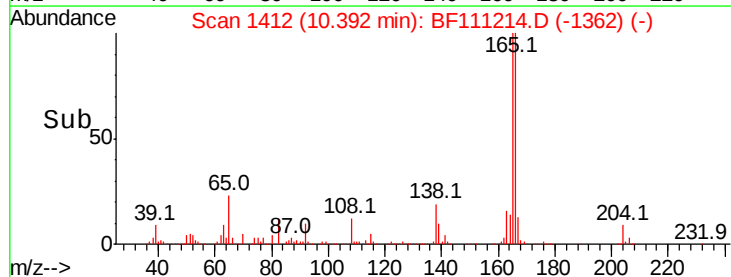
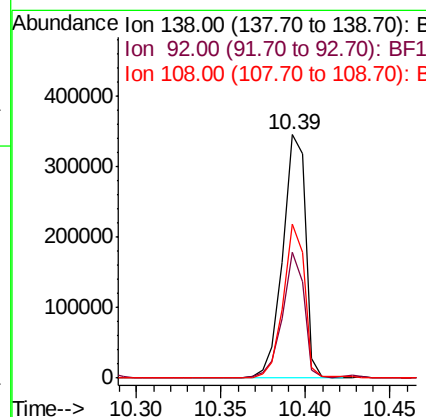
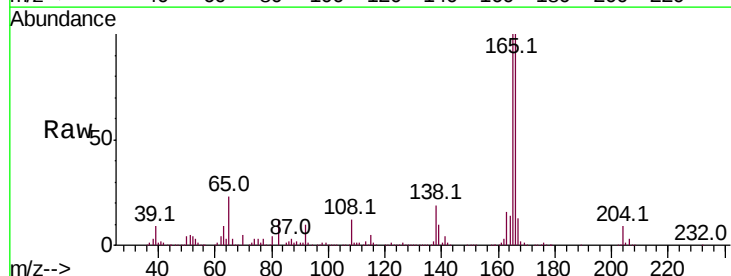
Instrument :
 BNA_F
 ClientSampleID :
 PB115402BSD

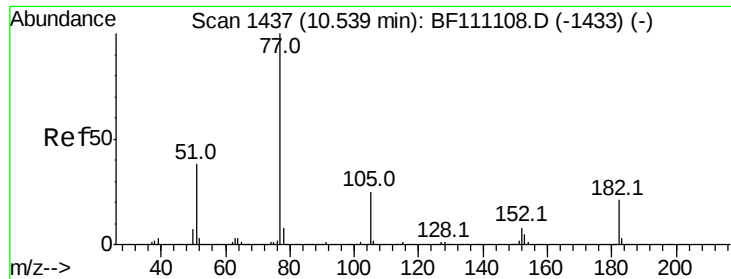
Tot Ion:204 Resp: 761310
 Ion Ratio Lower Upper
 204 100
 206 32.4 25.9 38.9
 141 69.2 57.4 86.0



#62
 4-Nitroaniline
 Concen: 30.785 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF111214.D
 Acq: 8 Dec 2018 4:18

Tgt Ion:138 Resp: 324939
 Ion Ratio Lower Upper
 138 100
 92 51.6 31.6 71.6
 108 63.4 48.3 88.3

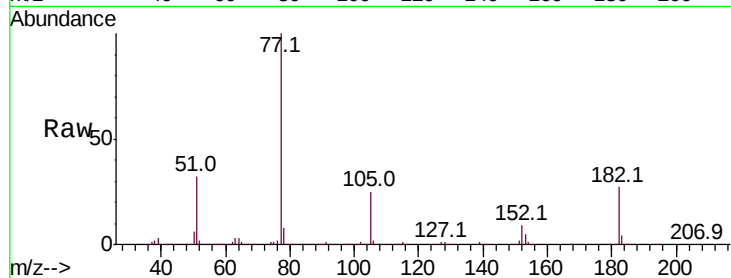




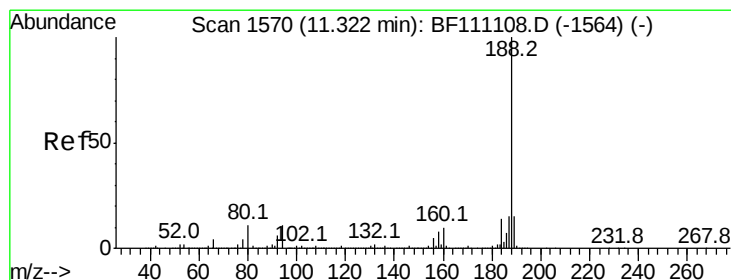
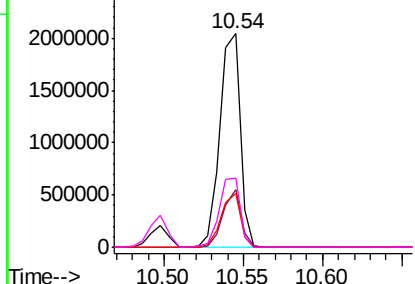
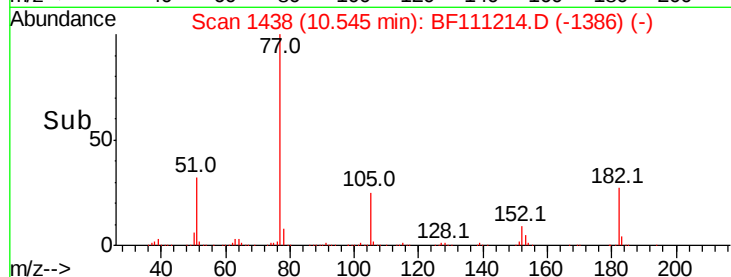
#63
Azobenzene
Concen: 38.942 ng
RT: 10.54 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

Instrument :
BNA_F
ClientSampleId :
PB115402BSD

Tot Ion: 77 Resp: 1819470
Ion Ratio Lower Upper
77 100
182 26.9 1.4 41.4
105 25.3 4.7 44.7
51 32.2 18.0 58.0

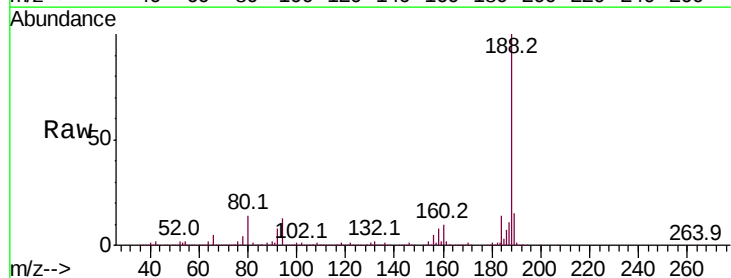


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

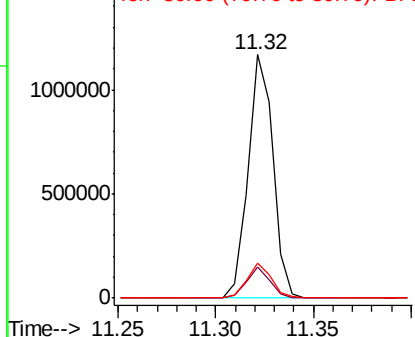
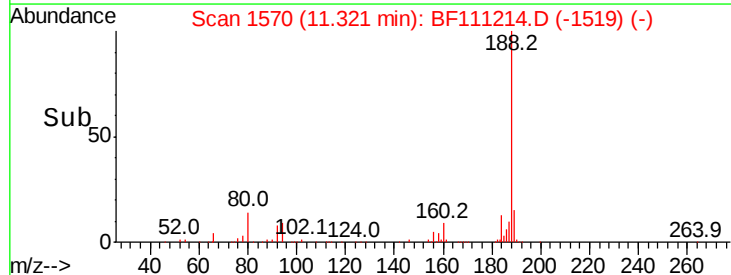


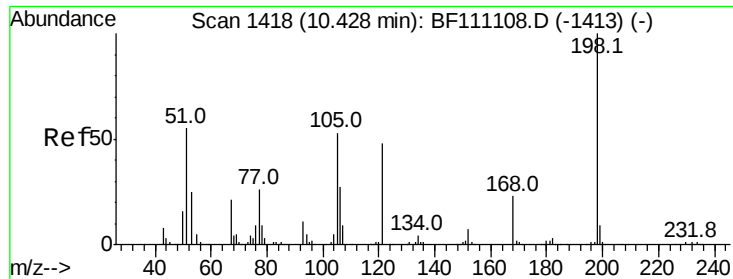
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

Tgt Ion: 188 Resp: 1027961
Ion Ratio Lower Upper
188 100
94 12.6 8.5 12.7
80 14.2 9.0 13.6#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 23.217 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BF111214.D

Acq: 8 Dec 2018 4:18

Instrument :

BNA_F

ClientSampleId :

PB115402BSD

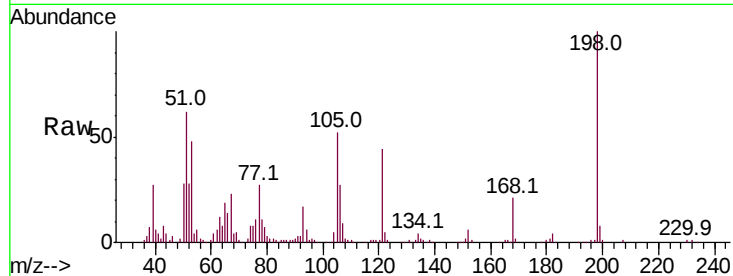
Tot Ion:198 Resp: 98598

Ion Ratio Lower Upper

198 100

51 61.9 48.8 88.8

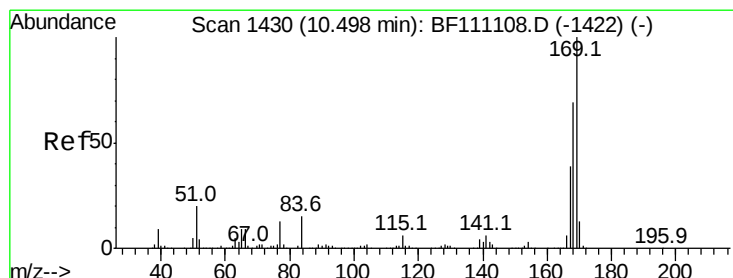
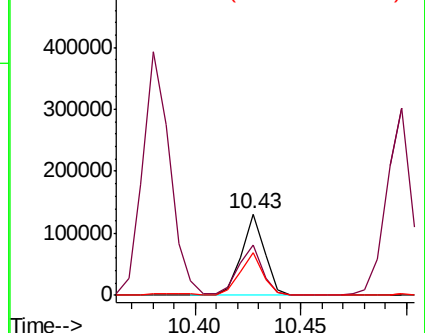
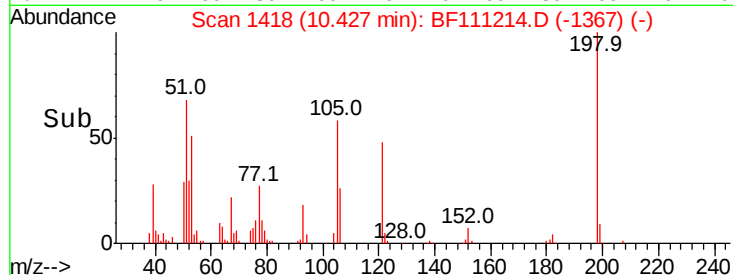
105 52.3 35.2 75.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.944 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.00 min

Lab File: BF111214.D

Acq: 8 Dec 2018 4:18

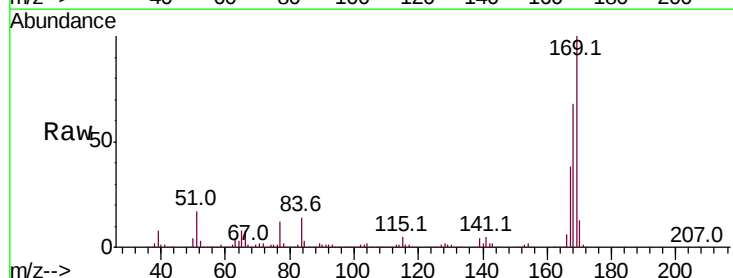
Tgt Ion:169 Resp: 1437779

Ion Ratio Lower Upper

169 100

168 68.4 55.4 83.2

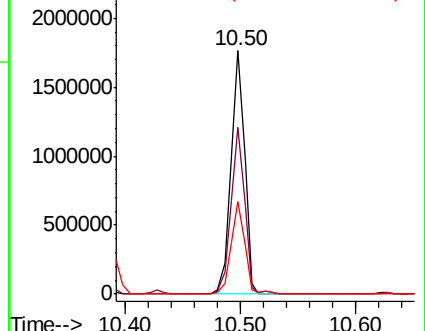
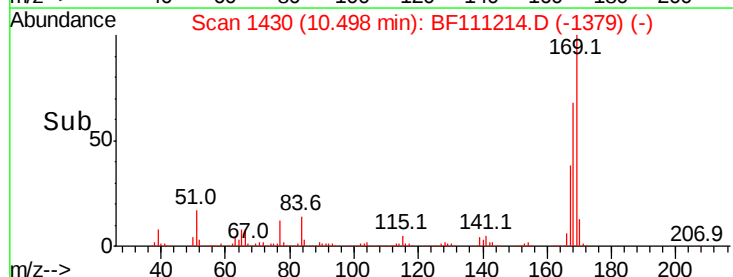
167 37.8 31.1 46.7

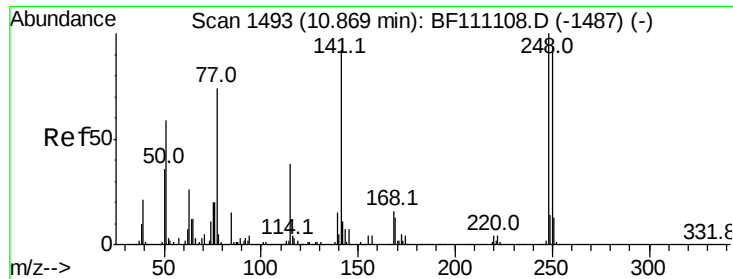


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

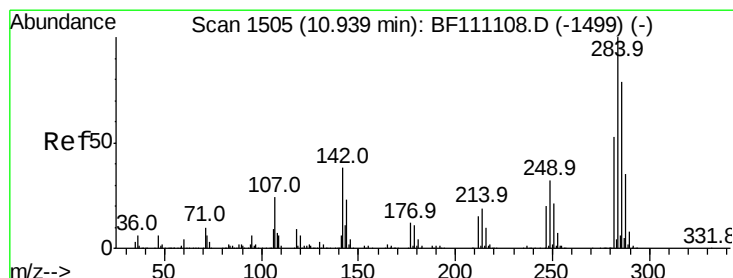
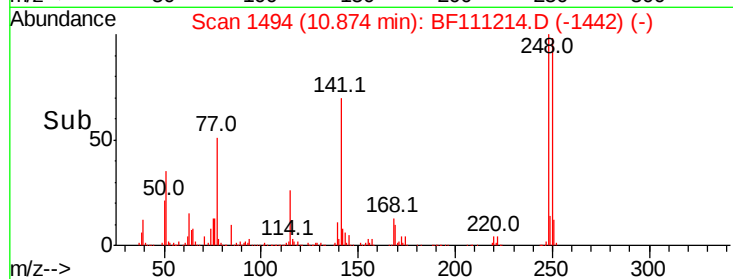
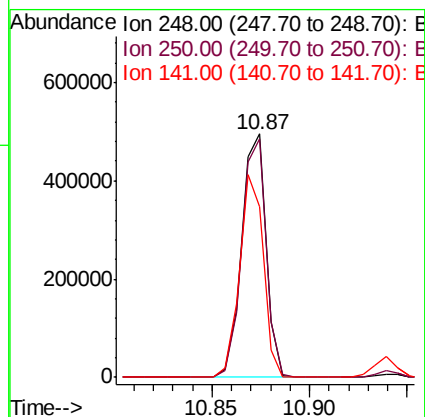
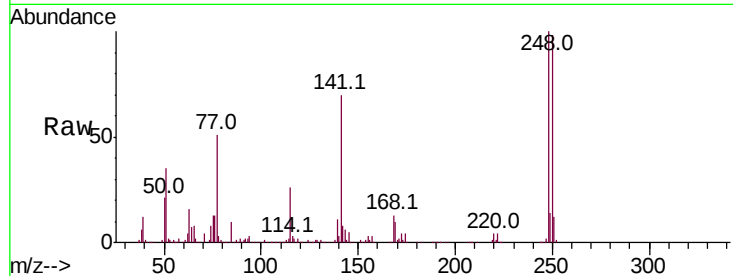




#67
4-Bromophenyl-phenylether
Concen: 39.545 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

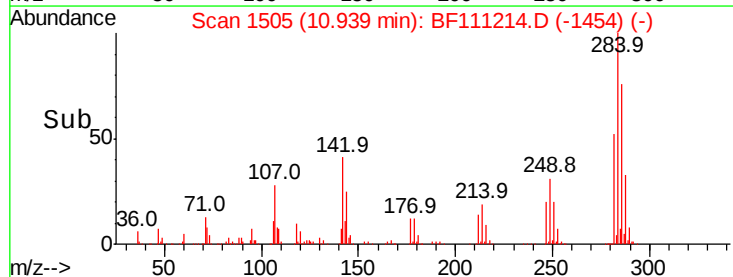
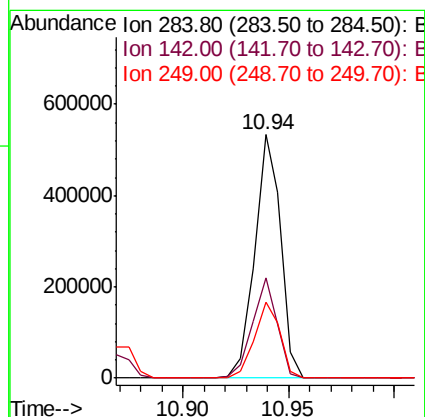
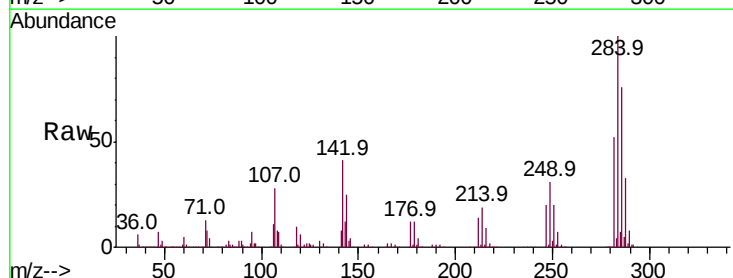
Instrument :
BNA_F
ClientSampleId :
PB115402BSD

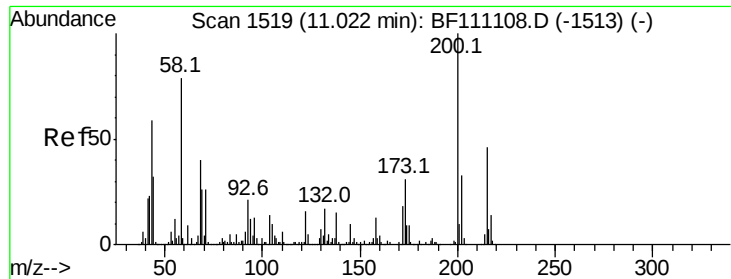
Tot Ion:248 Resp: 430316
Ion Ratio Lower Upper
248 100
250 97.8 75.4 113.0
141 70.0 73.8 110.6#



#68
Hexachlorobenzene
Concen: 40.899 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

Tgt Ion:284 Resp: 455075
Ion Ratio Lower Upper
284 100
142 41.4 30.2 45.2
249 31.1 25.3 37.9

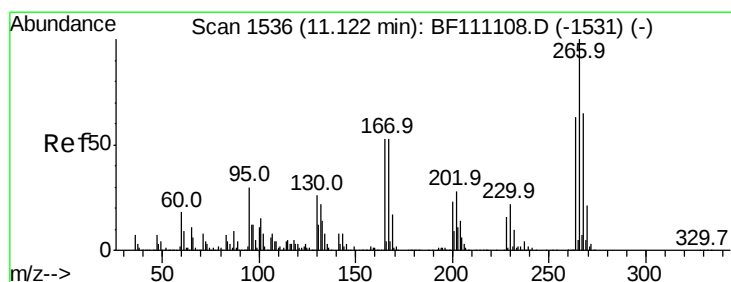
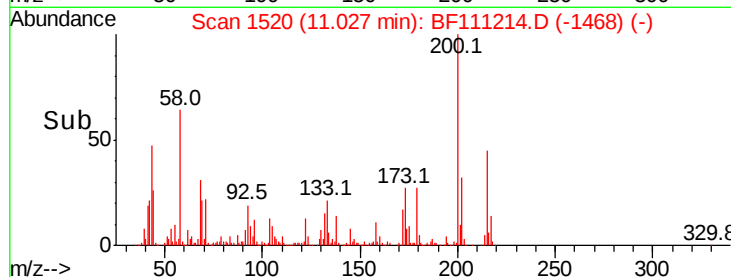
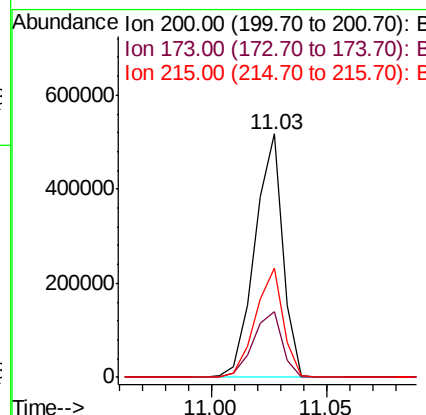
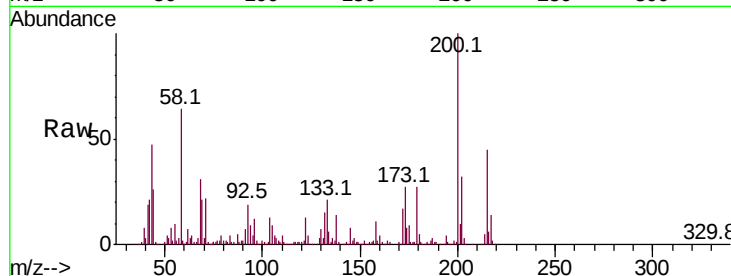




#69
Atrazine
Concen: Below Cal
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

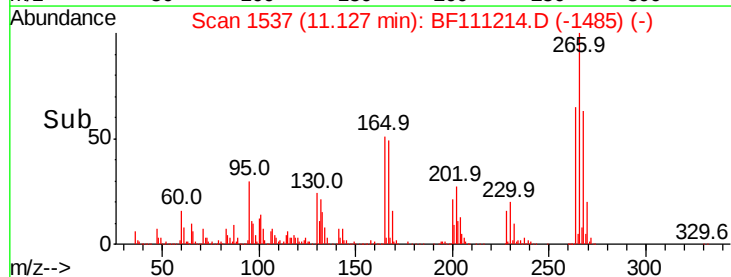
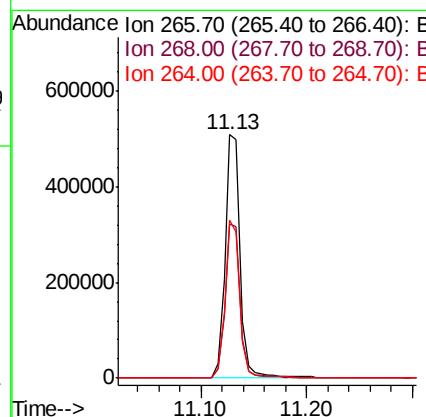
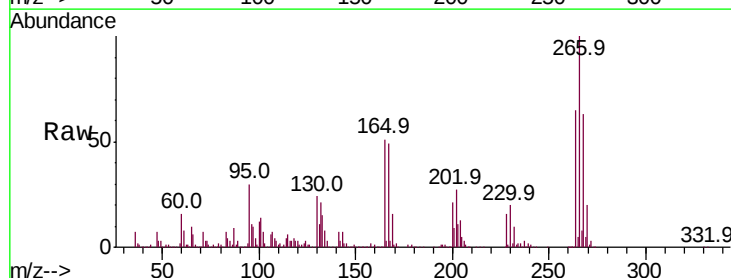
Instrument :
BNA_F
ClientSampleId :
PB115402BSD

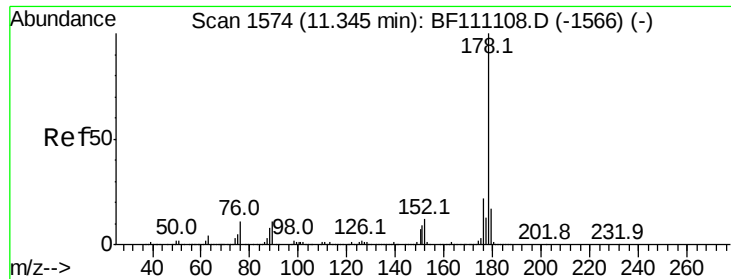
Tot Ion:200 Resp: 437952
Ion Ratio Lower Upper
200 100
173 27.1 11.3 51.3
215 44.8 25.9 65.9



#70
Pentachlorophenol
Concen: 69.710 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

Tgt Ion:266 Resp: 510071
Ion Ratio Lower Upper
266 100
268 63.1 52.2 78.4
264 65.0 50.8 76.2

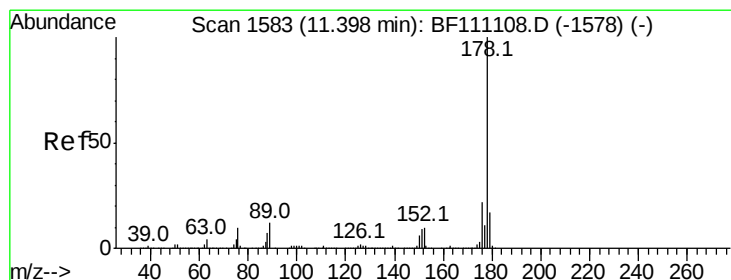
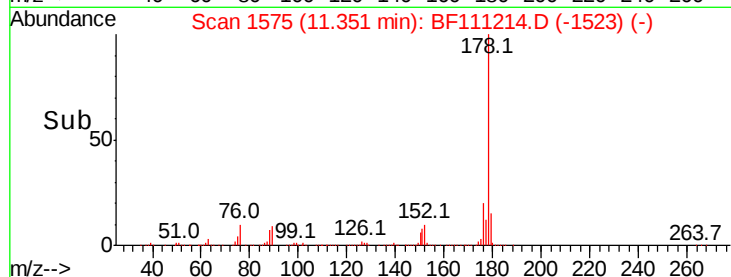
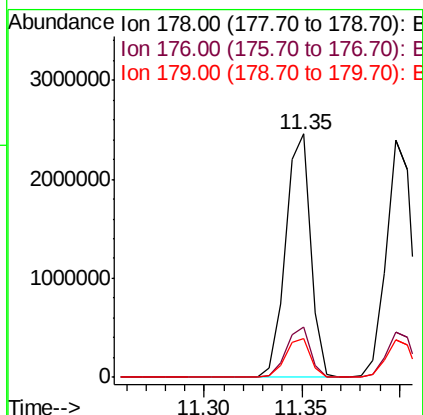
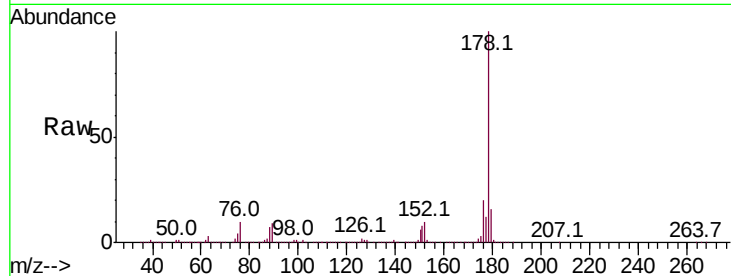




#71
Phenanthrene
Concen: 44.143 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

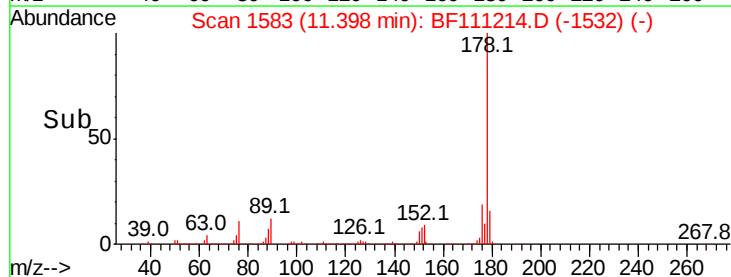
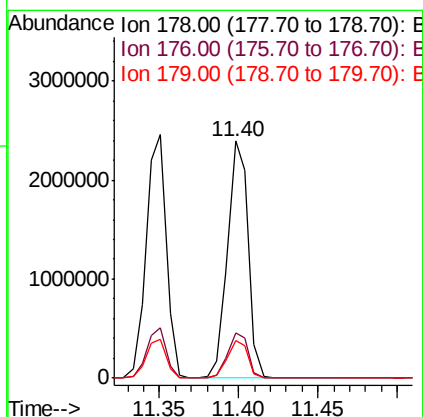
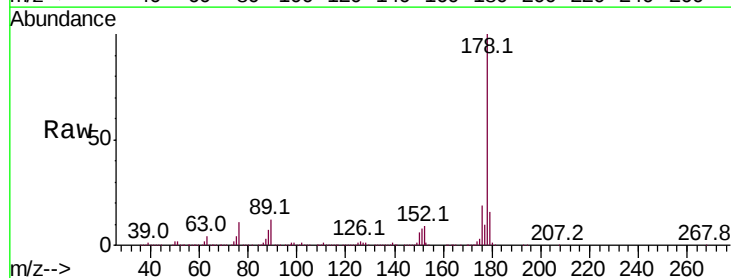
Instrument :
BNA_F
ClientSampleId :
PB115402BSD

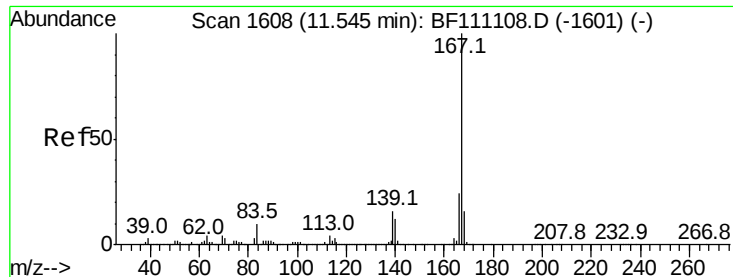
Tot Ion:178 Resp: 2182724
Ion Ratio Lower Upper
178 100
176 20.5 17.7 26.5
179 16.1 14.0 21.0



#72
Anthracene
Concen: 43.128 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

Tgt Ion:178 Resp: 2149600
Ion Ratio Lower Upper
178 100
176 19.1 17.3 25.9
179 16.1 13.8 20.8



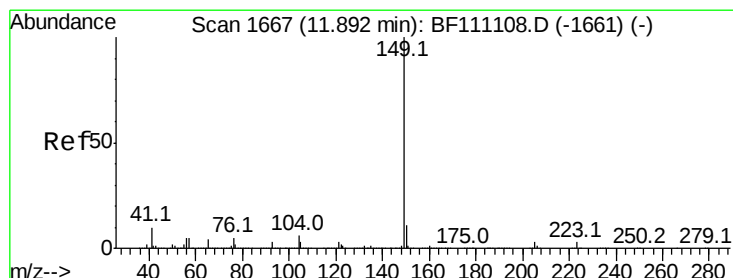
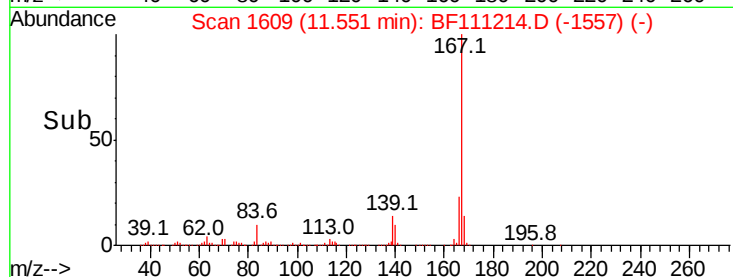
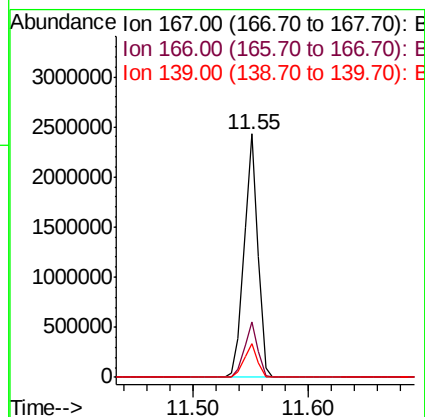
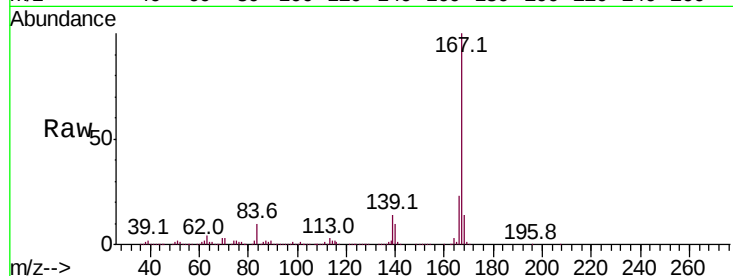


#73
 Carbazole
 Concen: 38.660 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111214.D
 Acq: 8 Dec 2018 4:18

Instrument :
 BNA_F
 ClientSampleId :
 PB115402BSD

Tot Ion:167 Resp: 2005017

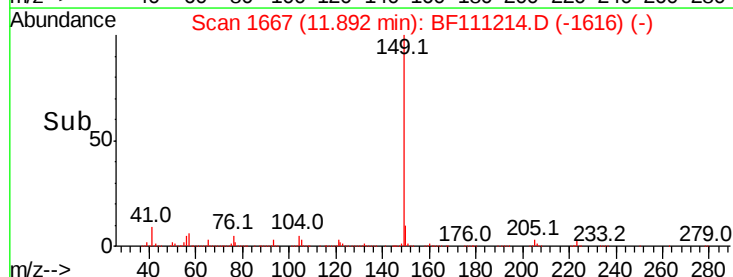
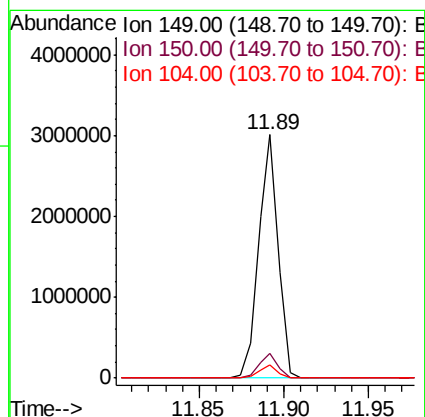
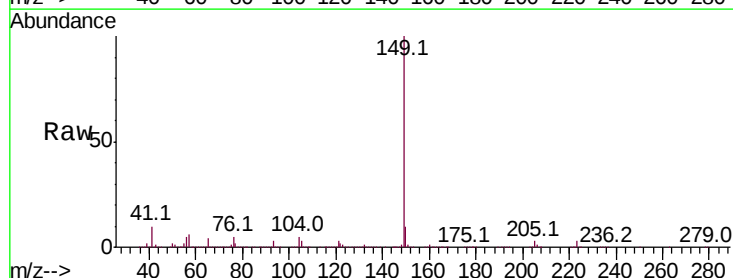
Ion	Ratio	Lower	Upper
167	100		
166	22.7	19.4	29.0
139	13.9	12.6	18.8

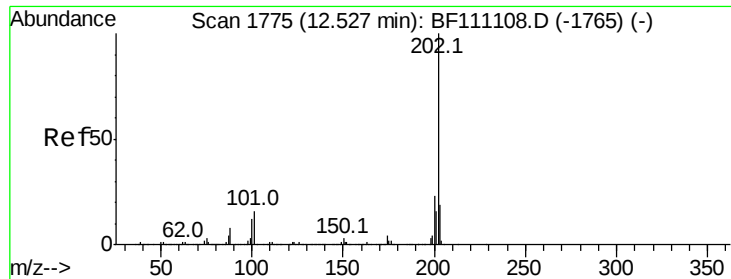


#74
 Di-n-butylphthalate
 Concen: 39.944 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BF111214.D
 Acq: 8 Dec 2018 4:18

Tgt Ion:149 Resp: 2424974

Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.6	12.8
104	5.2	4.5	6.7





#75

Fluoranthene

Concen: 35.395 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.01 min

Lab File: BF111214.D

Acq: 8 Dec 2018 4:18

Instrument :

BNA_F

ClientSampleId :

PB115402BSD

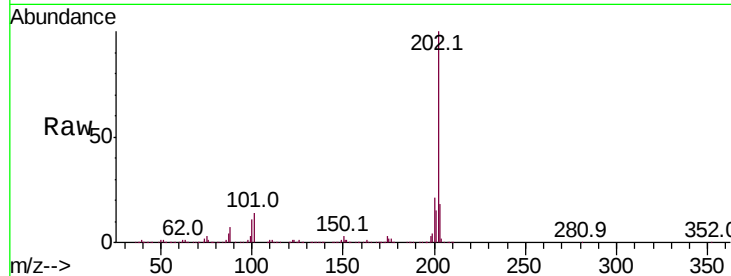
Tot Ion:202 Resp: 1712575

Ion Ratio Lower Upper

202 100

101 14.1 0.0 35.8

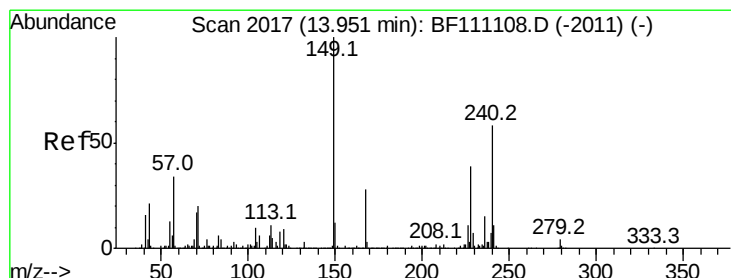
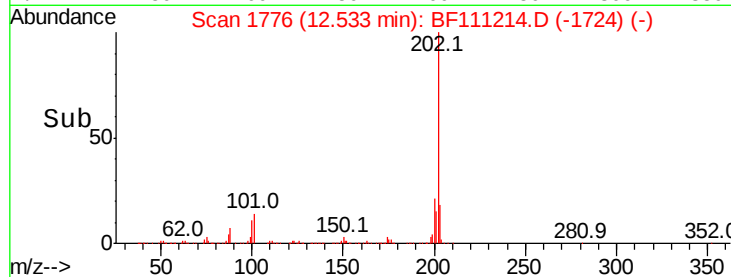
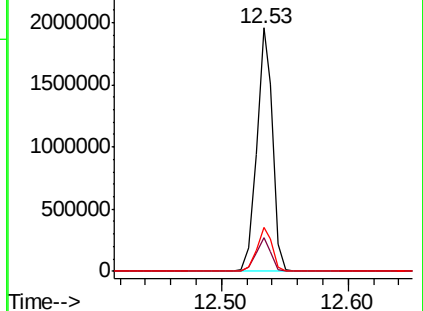
203 18.2 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF111214.D

Acq: 8 Dec 2018 4:18

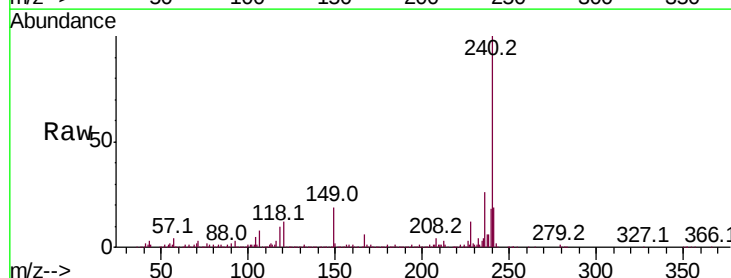
Tgt Ion:240 Resp: 597363

Ion Ratio Lower Upper

240 100

120 11.8 12.8 19.2#

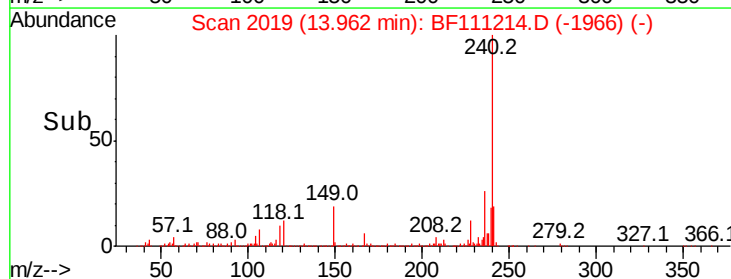
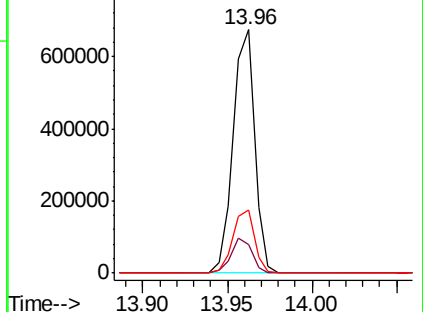
236 26.2 21.1 31.7

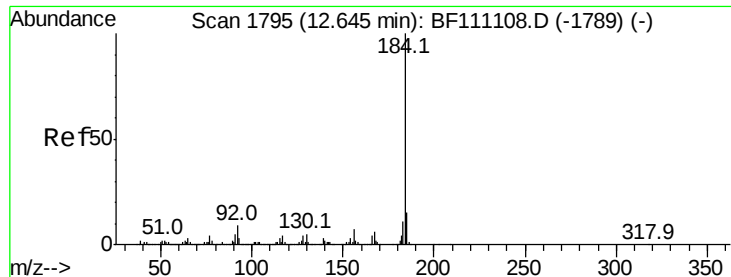


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: Below Cal

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF111214.D

Acq: 8 Dec 2018 4:18

Instrument :

BNA_F

ClientSampleId :

PB115402BSD

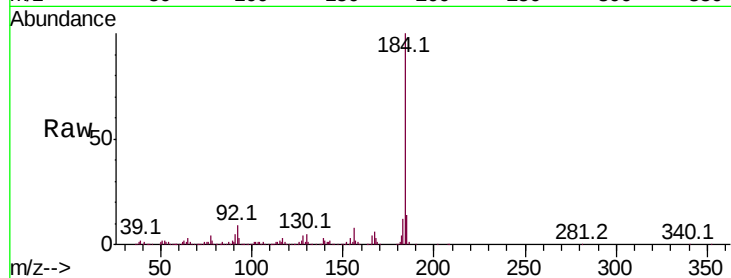
Tot Ion:184 Resp: 784232

Ion Ratio Lower Upper

184 100

185 14.2 12.0 18.0

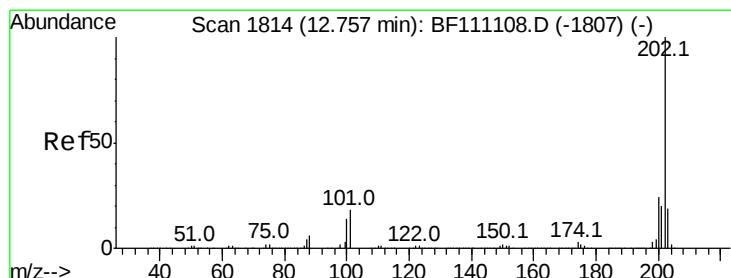
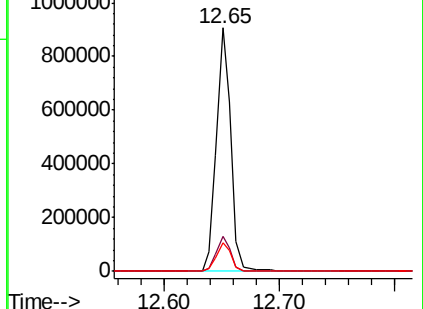
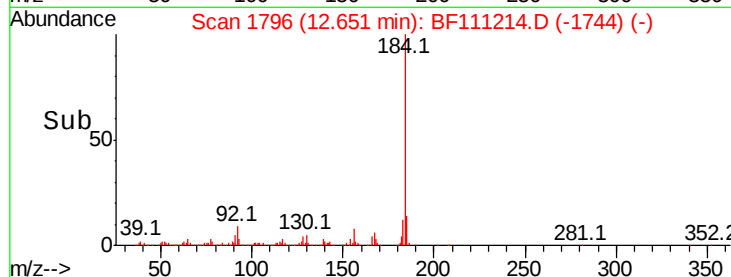
183 11.7 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.212 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF111214.D

Acq: 8 Dec 2018 4:18

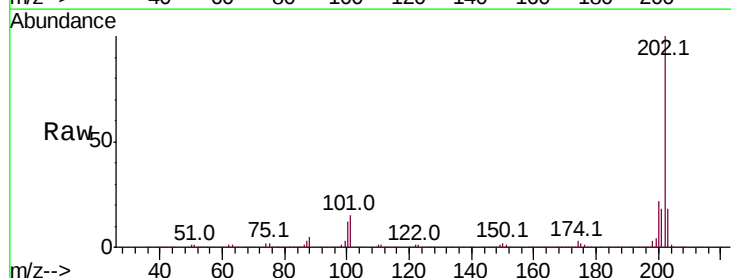
Tgt Ion:202 Resp: 1685281

Ion Ratio Lower Upper

202 100

200 21.7 19.3 28.9

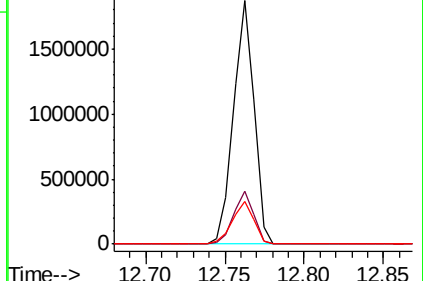
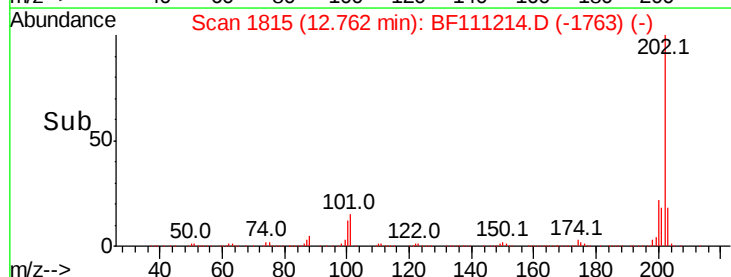
203 17.7 15.4 23.2

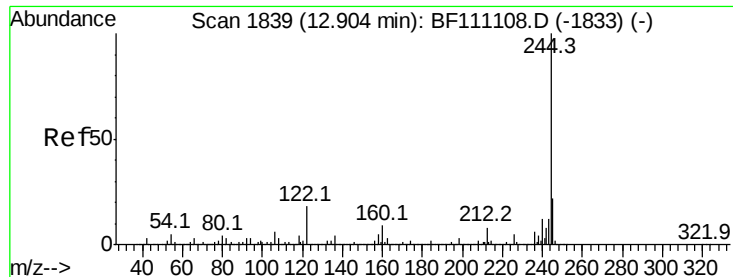


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.096 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF111214.D

Acq: 8 Dec 2018 4:18

Instrument :

BNA_F

ClientSampleId :

PB115402BSD

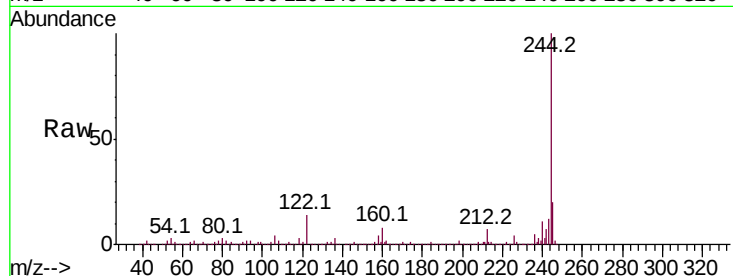
Tot Ion:244 Resp: 2102921

Ion Ratio Lower Upper

244 100

212 6.9 6.6 9.8

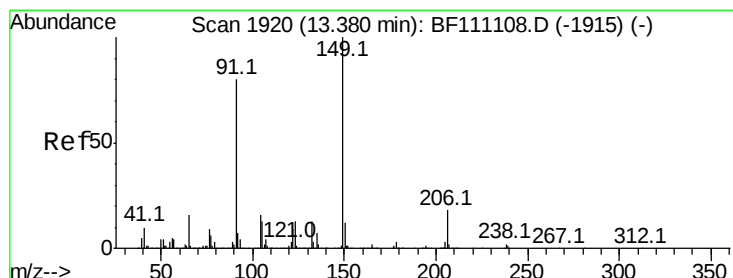
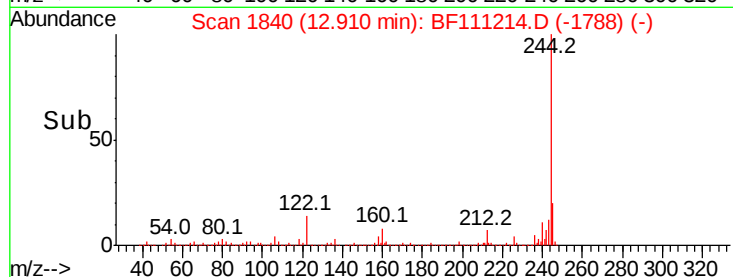
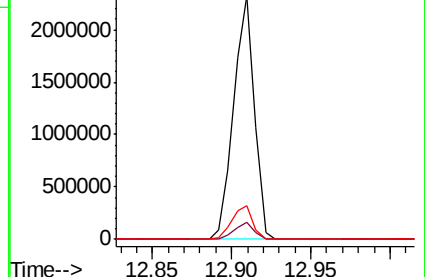
122 13.9 14.2 21.2#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.158 ng

RT: 13.39 min Scan# 1921

Delta R.T. 0.01 min

Lab File: BF111214.D

Acq: 8 Dec 2018 4:18

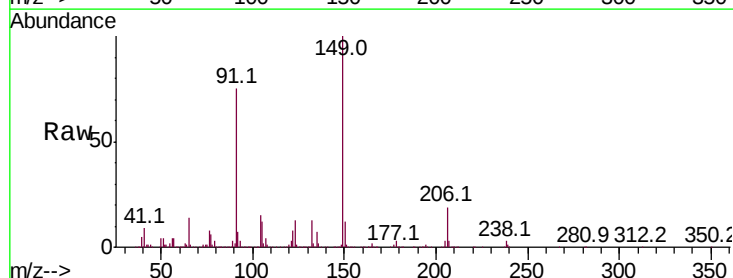
Tgt Ion:149 Resp: 835390

Ion Ratio Lower Upper

149 100

91 75.2 64.0 96.0

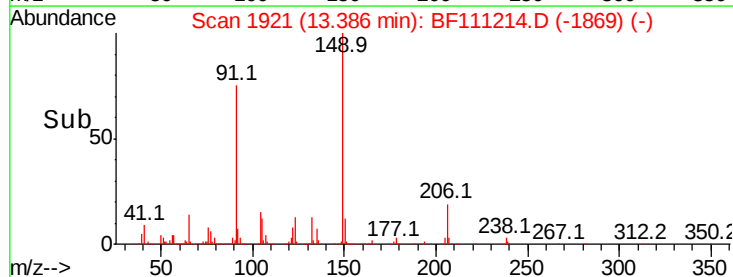
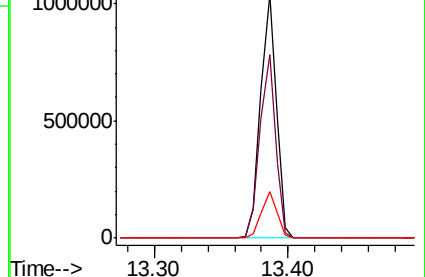
206 19.2 14.1 21.1

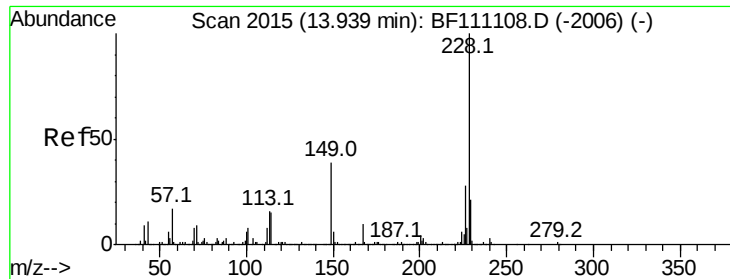


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

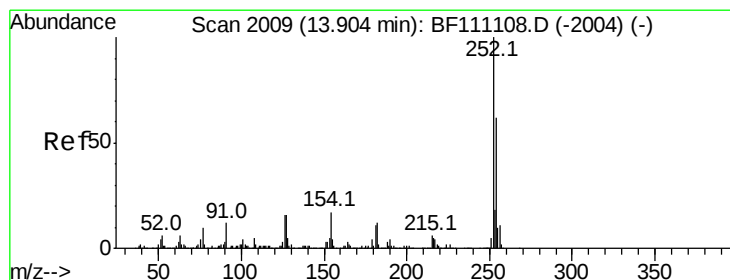
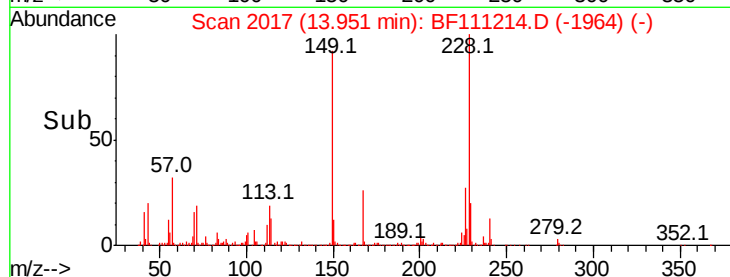
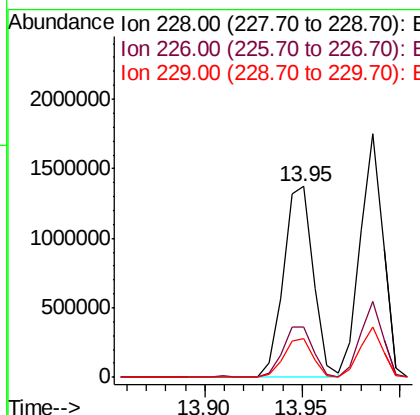
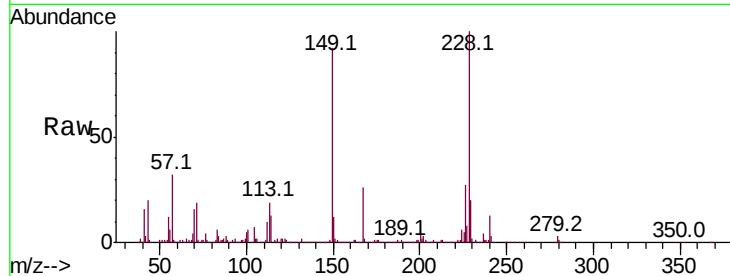




#81
Benzo(a)anthracene
Concen: 41.521 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

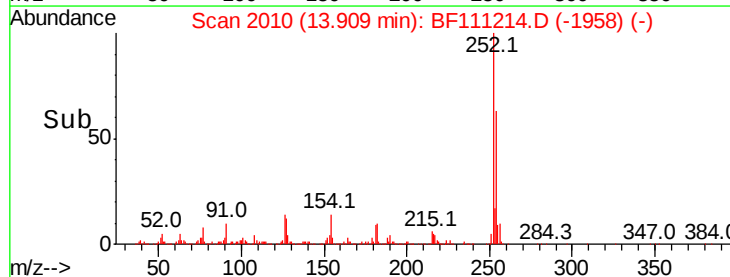
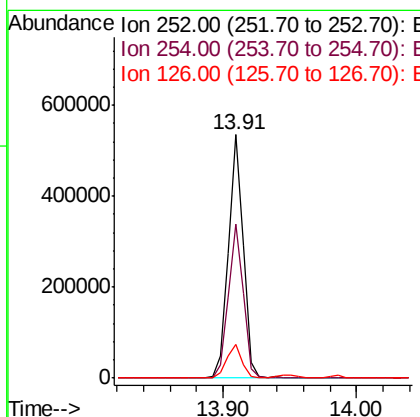
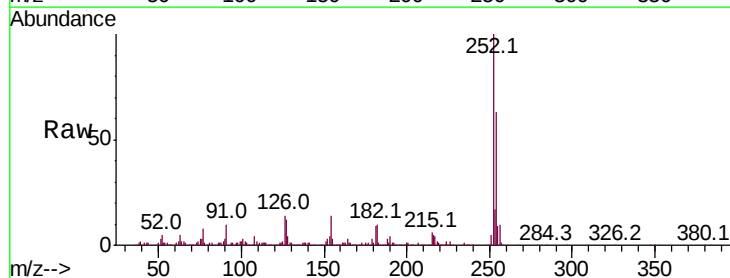
Instrument :
BNA_F
ClientSampleId :
PB115402BSD

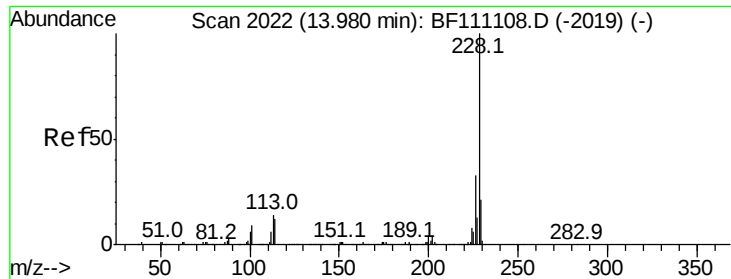
Tot Ion:228 Resp: 1453230
Ion Ratio Lower Upper
228 100
226 26.8 22.6 34.0
229 20.1 16.7 25.1



#82
3,3'-Dichlorobenzidine
Concen: 32.130 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

Tgt Ion:252 Resp: 424379
Ion Ratio Lower Upper
252 100
254 63.0 49.8 74.8
126 13.9 12.9 19.3





#83

Chrvsene

Concen: 41.432 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BF111214.D

Acq: 8 Dec 2018 4:18

Instrument :

BNA_F

ClientSampleId :

PB115402BSD

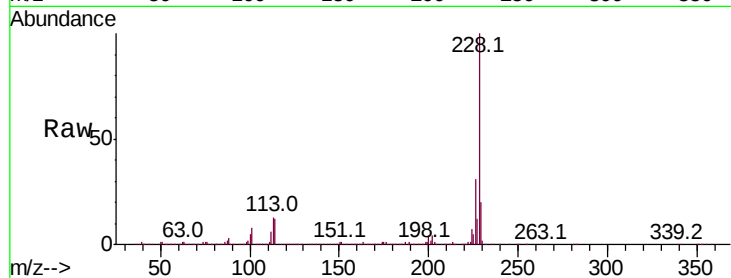
Tot Ion:228 Resp: 1439575

Ion Ratio Lower Upper

228 100

226 31.0 26.2 39.2

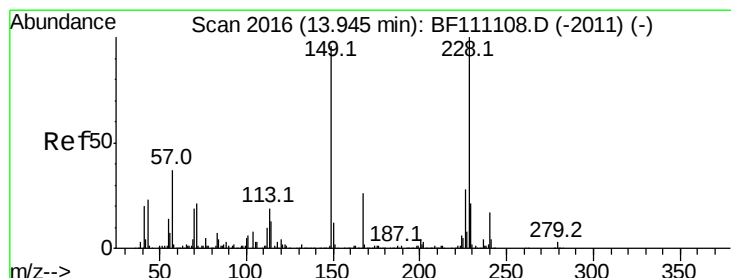
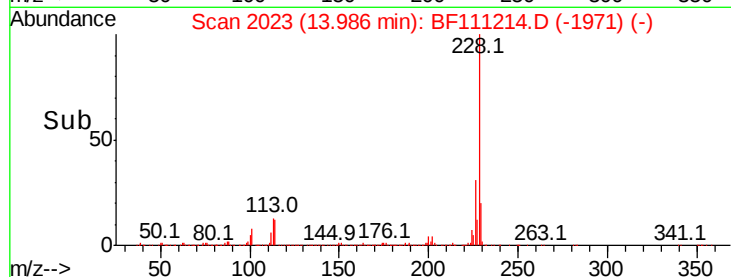
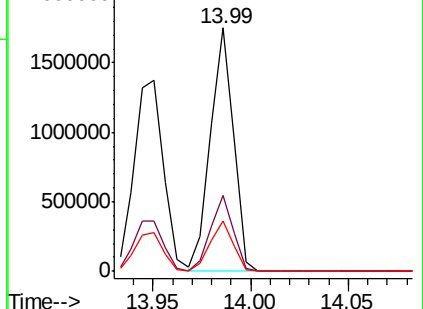
229 20.4 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.816 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF111214.D

Acq: 8 Dec 2018 4:18

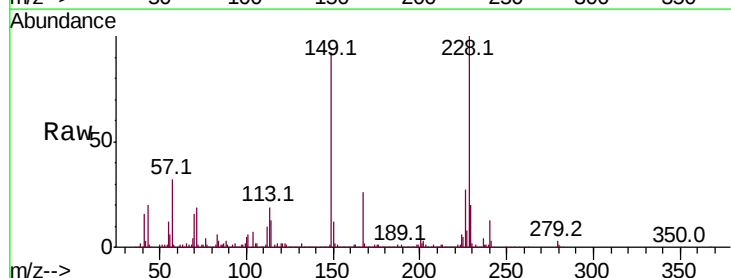
Tgt Ion:149 Resp: 1081247

Ion Ratio Lower Upper

149 100

167 27.7 21.6 32.4

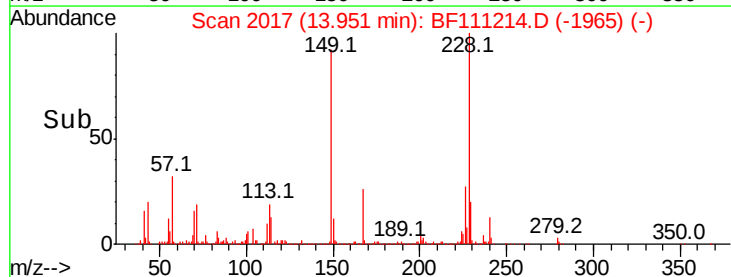
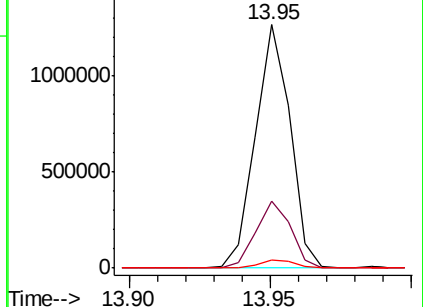
279 3.3 2.3 3.5

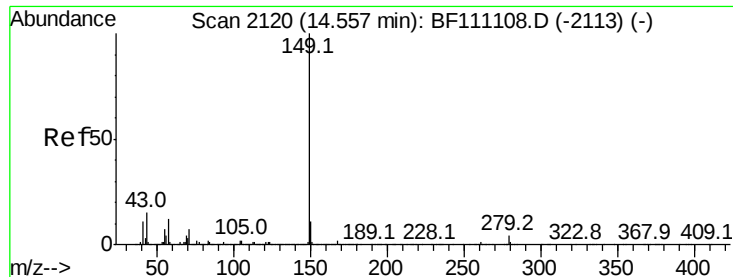


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.969 ng

RT: 14.56 min Scan# 2121

Delta R.T. 0.01 min

Lab File: BF111214.D

Acq: 8 Dec 2018 4:18

Instrument :

BNA_F

ClientSampleId :

PB115402BSD

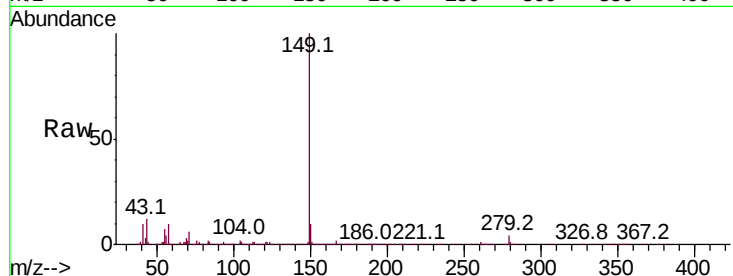
Tot Ion:149 Resp: 2005136

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

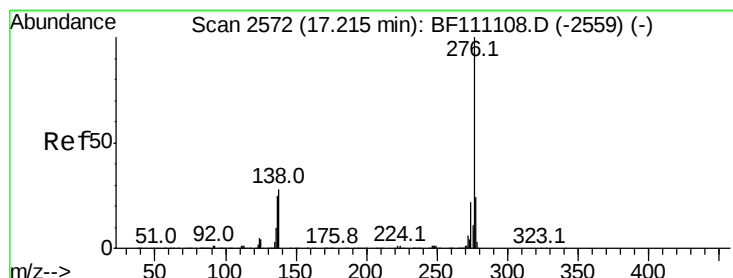
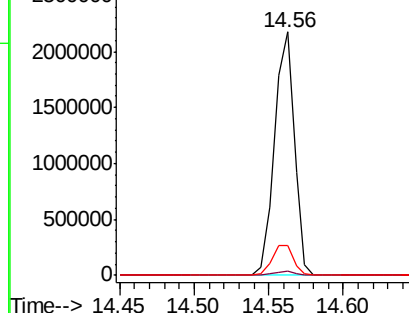
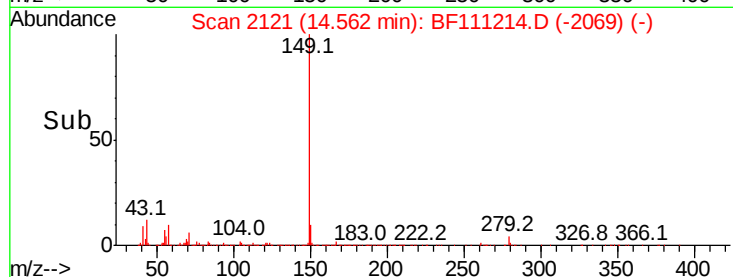
43 13.1 11.9 17.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.843 ng

RT: 16.81 min Scan# 2503

Delta R.T. 0.02 min

Lab File: BF111214.D

Acq: 8 Dec 2018 4:18

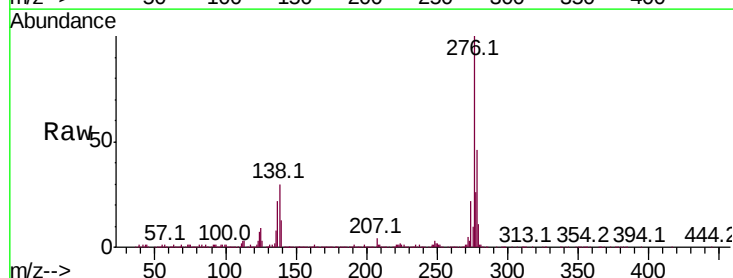
Tgt Ion:276 Resp: 1223080

Ion Ratio Lower Upper

276 100

138 35.8 20.2 30.4#

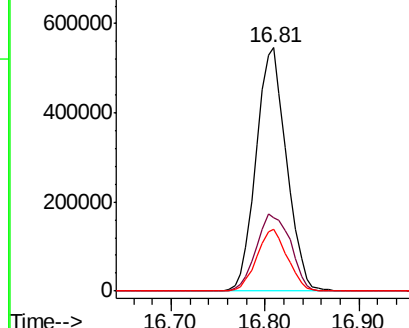
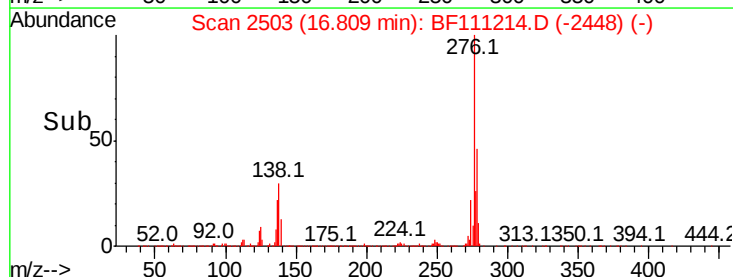
277 25.6 15.8 23.6#

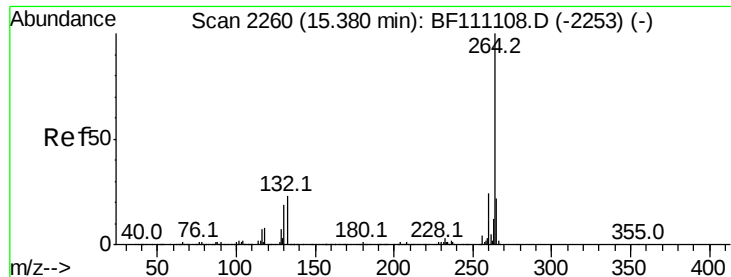


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111214.D

Acq: 8 Dec 2018 4:18

Instrument :

BNA_F

ClientSampleId :

PB115402BSD

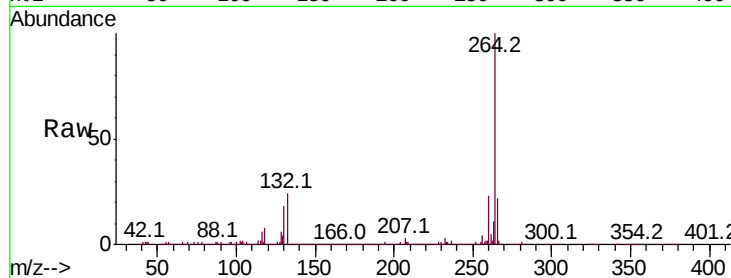
Tot Ion:264 Resp: 597743

Ion Ratio Lower Upper

264 100

260 23.0 19.4 29.0

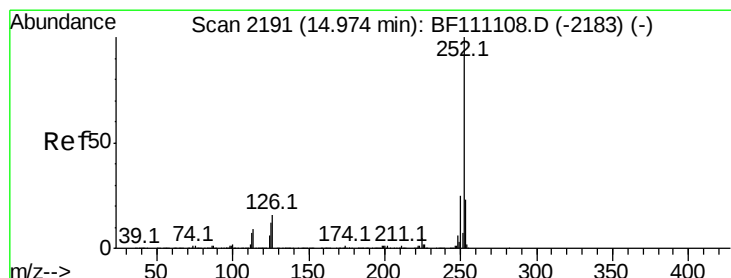
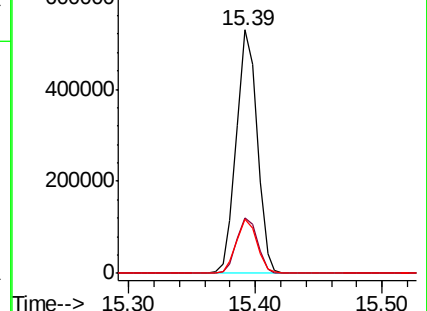
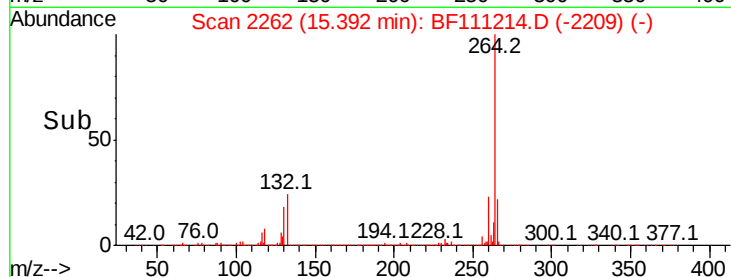
265 22.4 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.419 ng

RT: 14.98 min Scan# 2192

Delta R.T. 0.01 min

Lab File: BF111214.D

Acq: 8 Dec 2018 4:18

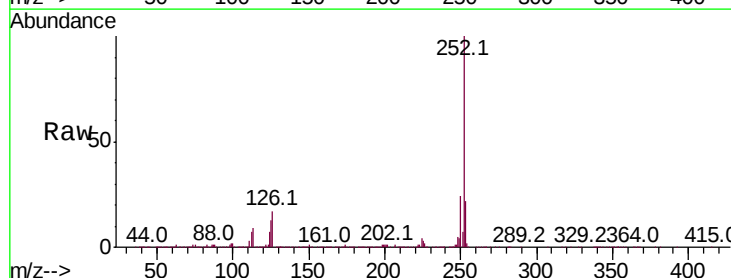
Tgt Ion:252 Resp: 1369031

Ion Ratio Lower Upper

252 100

253 22.4 18.5 27.7

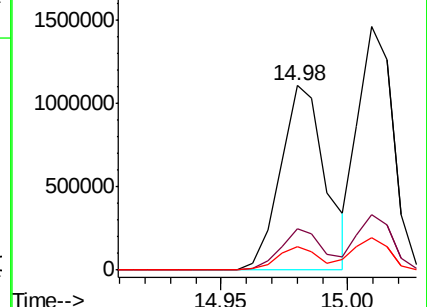
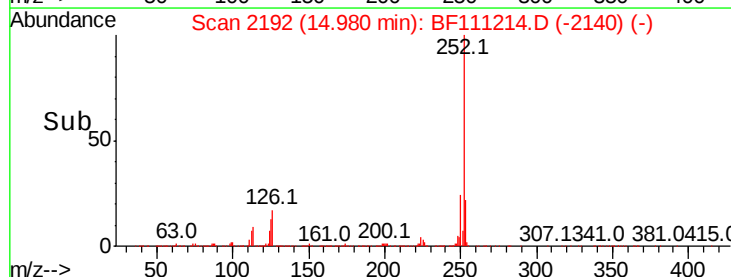
125 12.7 9.9 14.9

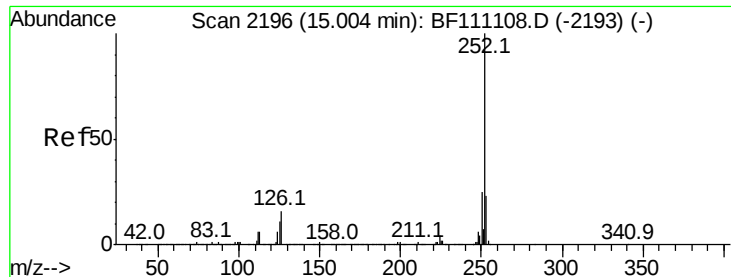


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

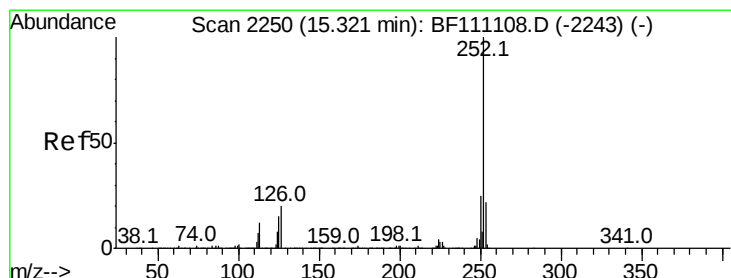
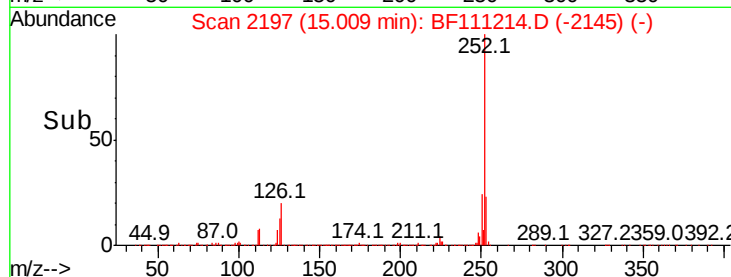
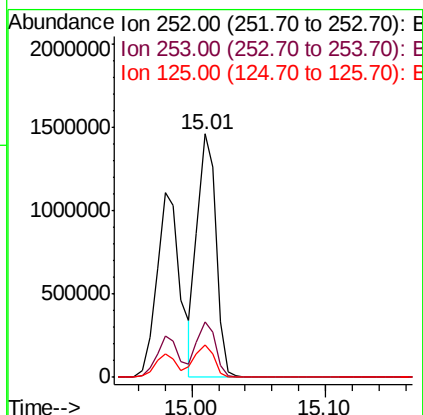
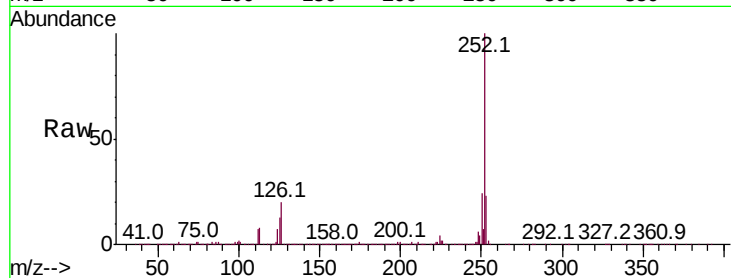




#89
Benzo(k)fluoranthene
Concen: 42.869 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

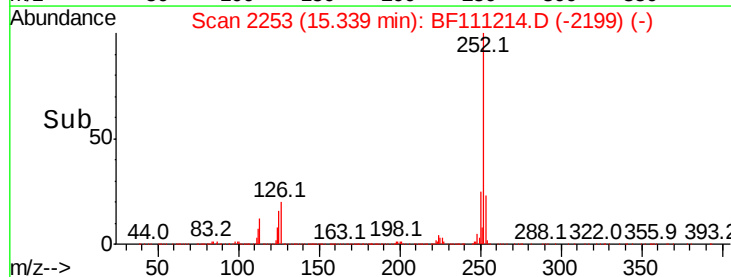
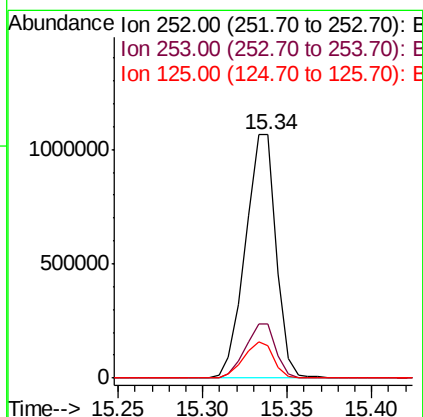
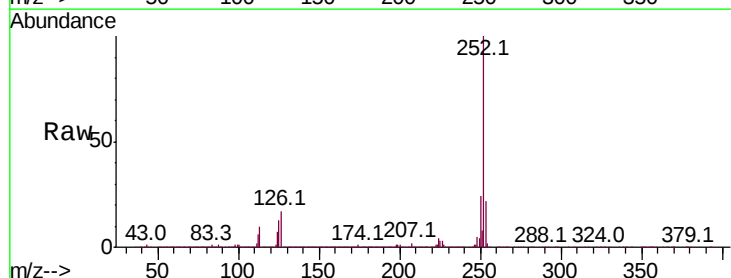
Instrument :
BNA_F
ClientSampleId :
PB115402BSD

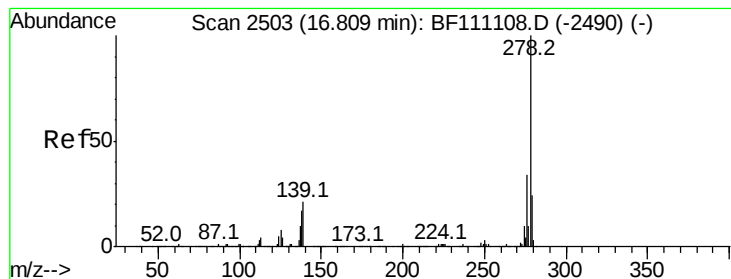
Tot Ion:252 Resp: 1403693
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 13.1 9.9 14.9



#90
Benzo(a)pyrene
Concen: 43.512 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.02 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

Tgt Ion:252 Resp: 1351813
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 13.5 12.4 18.6





#91

Dibenzo(a,h)anthracene

Concen: 39.929 ng

RT: 16.83 min Scan# 2506

Delta R.T. 0.02 min

Lab File: BF111214.D

Acq: 8 Dec 2018 4:18

Instrument :

BNA_F

ClientSampleId :

PB115402BSD

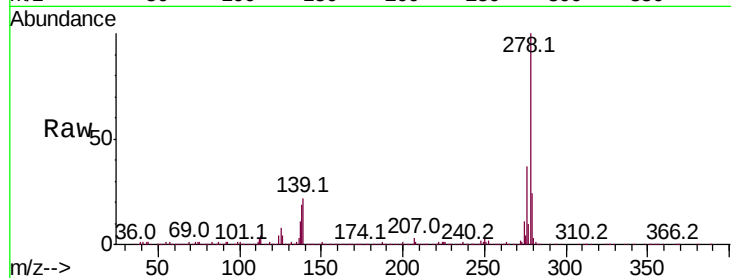
Tot Ion:278 Resp: 1041004

Ion Ratio Lower Upper

278 100

139 22.2 16.6 25.0

279 24.3 18.8 28.2

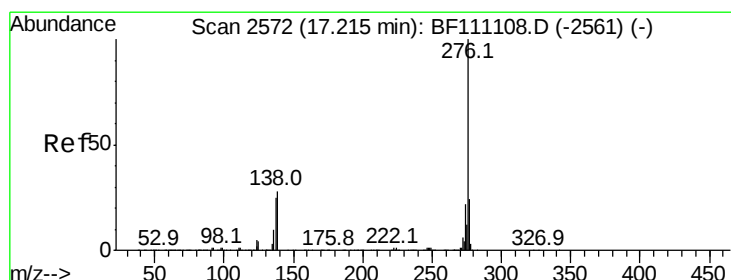
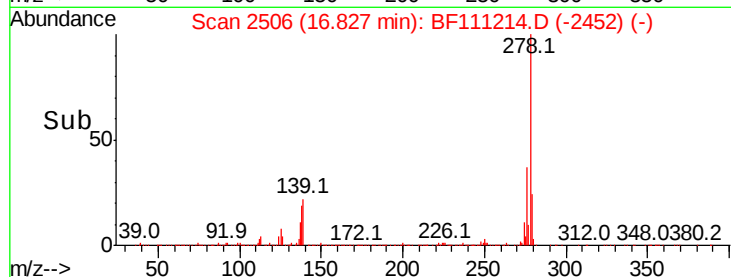
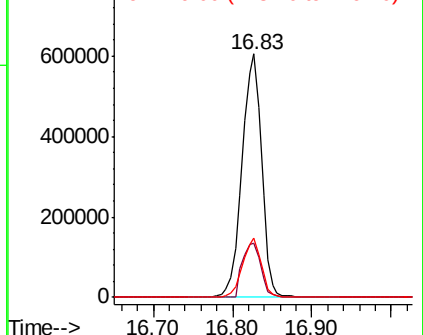


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 35.294 ng

RT: 17.23 min Scan# 2575

Delta R.T. 0.02 min

Lab File: BF111214.D

Acq: 8 Dec 2018 4:18

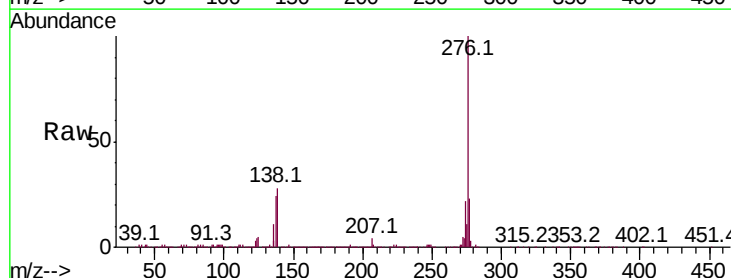
Tgt Ion:276 Resp: 924672

Ion Ratio Lower Upper

276 100

277 22.6 19.3 28.9

138 28.1 22.3 33.5



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

