

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

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

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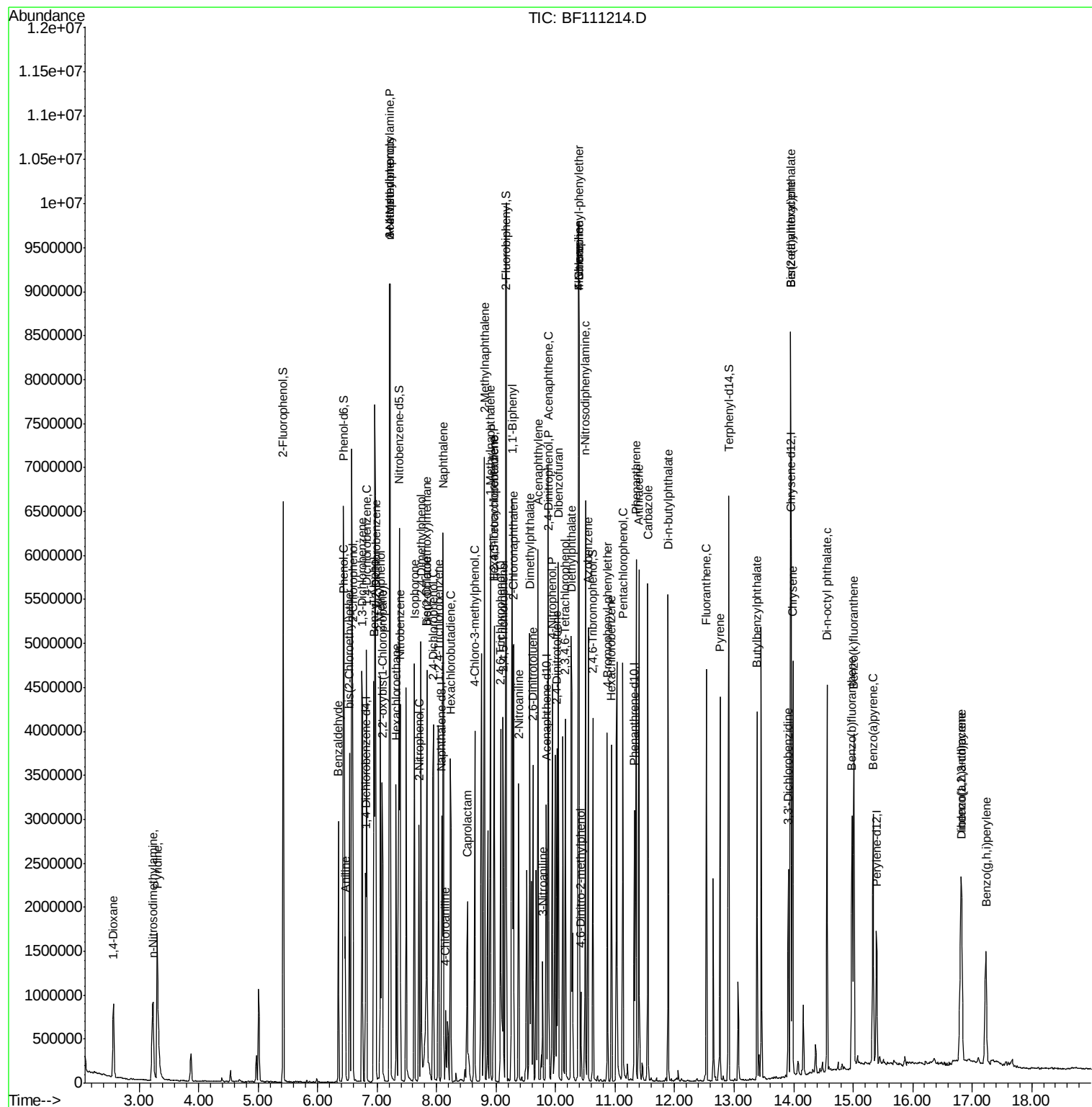
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	292989	33.041	ng	97
43) 2,4,6-Trichlorophenol	9.08	196	498757	40.608	ng	100
44) 2,4,5-Trichlorophenol	9.12	196	532015	42.730	ng	98
46) 1,1'-Biphenyl	9.27	154	1976158	38.258	ng	95
47) 2-Chloronaphthalene	9.29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

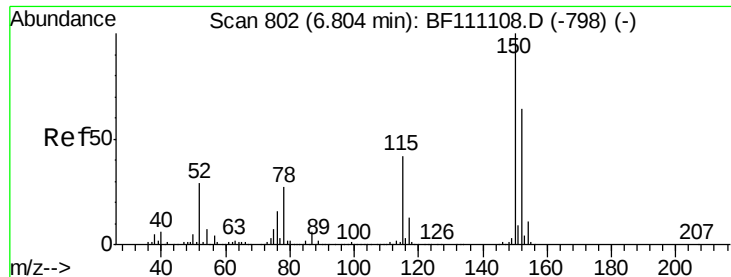
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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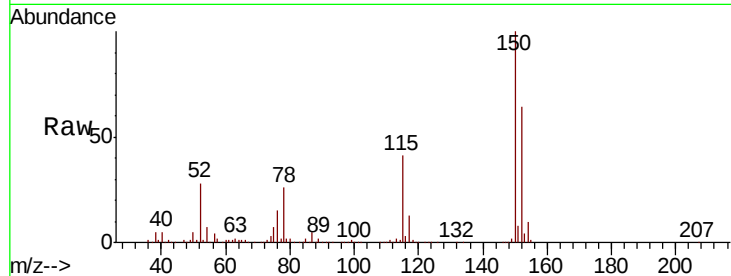


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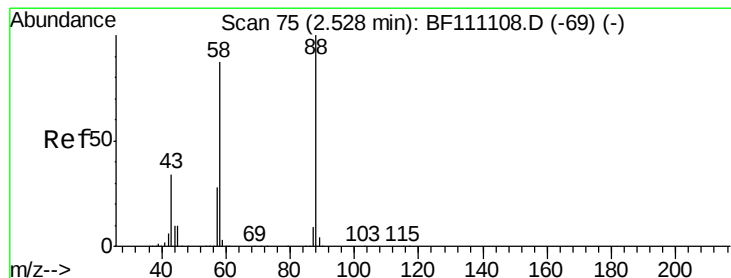
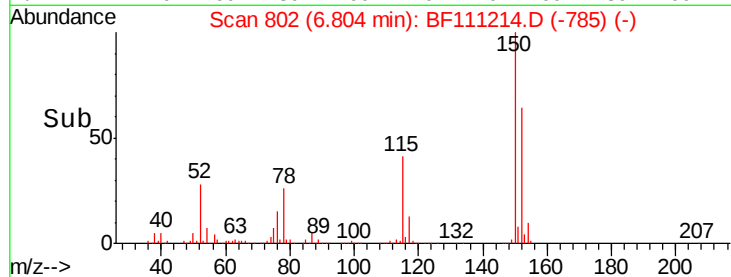
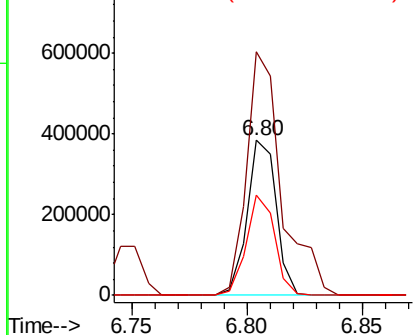
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

Instrument :
BNA_F
ClientSampleId :
PB115402BSD

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



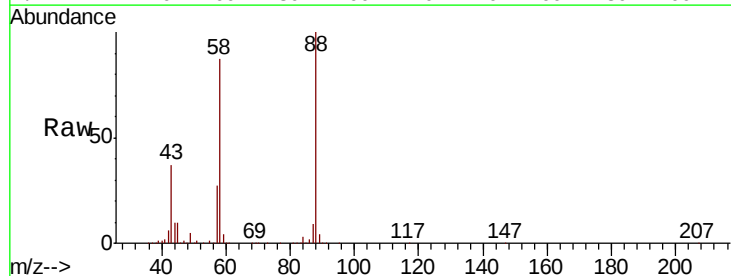
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



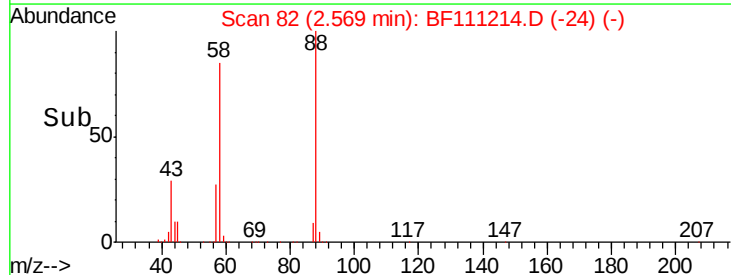
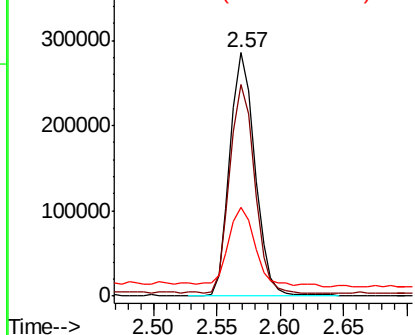
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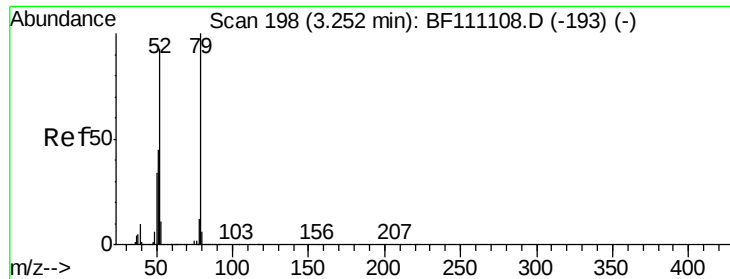
1,4-Dioxane
Concen: 31.145 ng
RT: 2.57 min Scan# 82
Delta R.T. 0.04 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

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

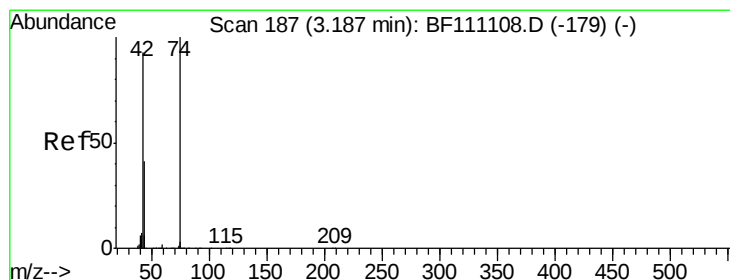
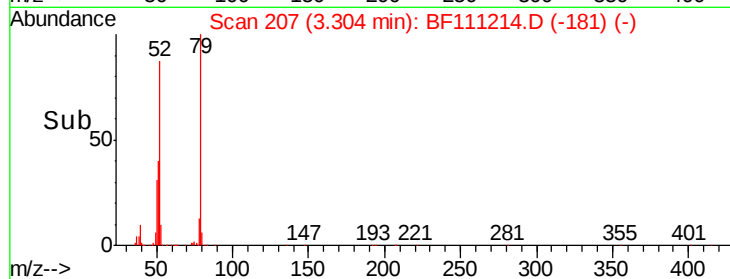
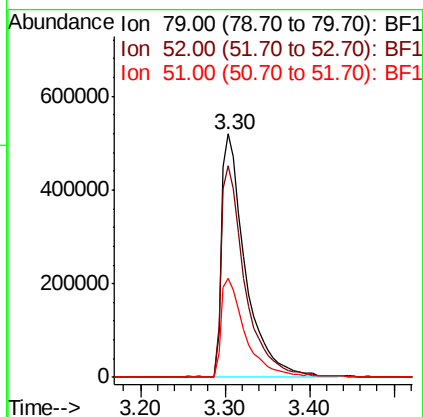
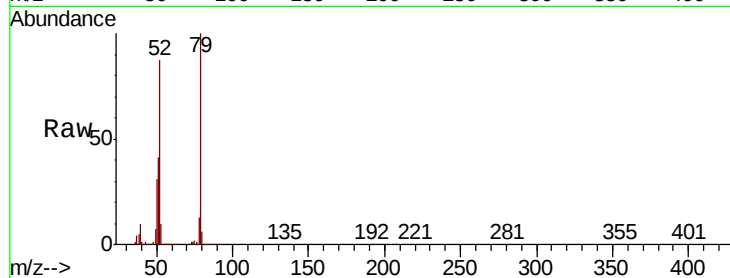




#3
 Pyridine
 Concen: 36.466 ng
 RT: 3.30 min Scan# 207
 Delta R.T. 0.05 min
 Lab File: BF111214.D
 Acq: 8 Dec 2018 4:18

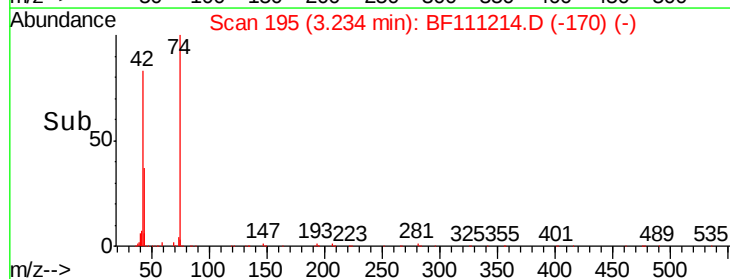
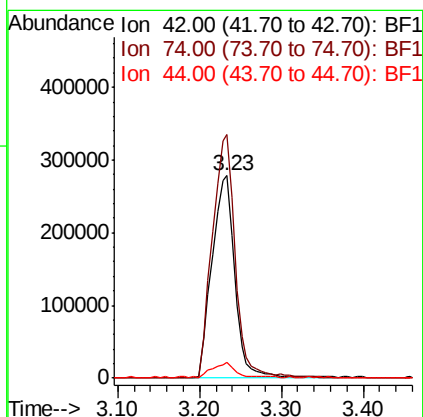
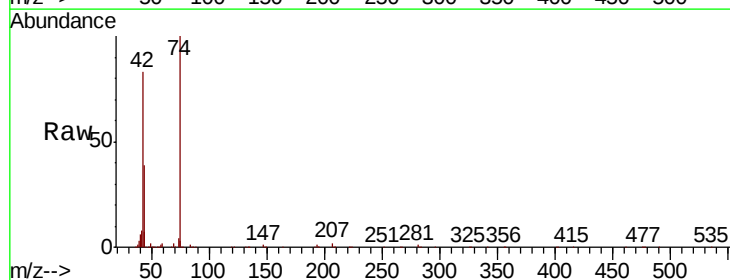
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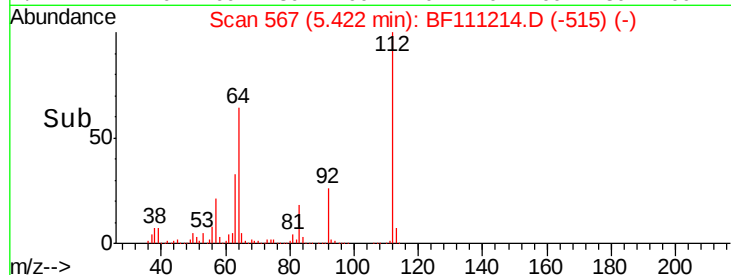
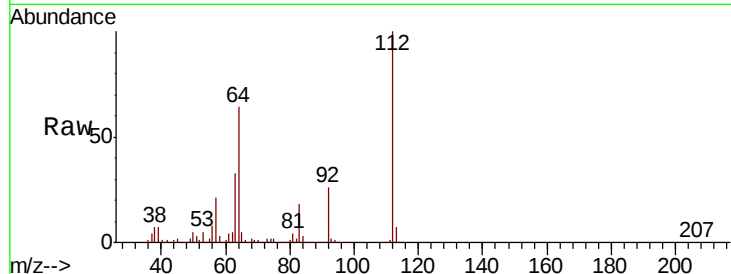
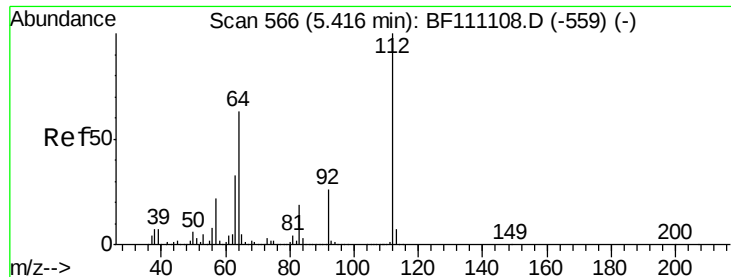
Tgt Ion: 79 Resp: 1014257
 Ion Ratio Lower Upper
 79 100
 52 87.1 74.7 112.1
 51 40.7 35.9 53.9



#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

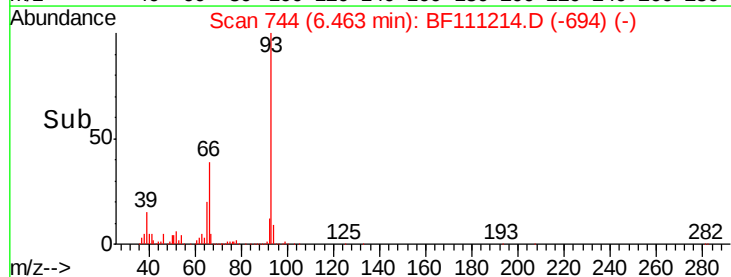
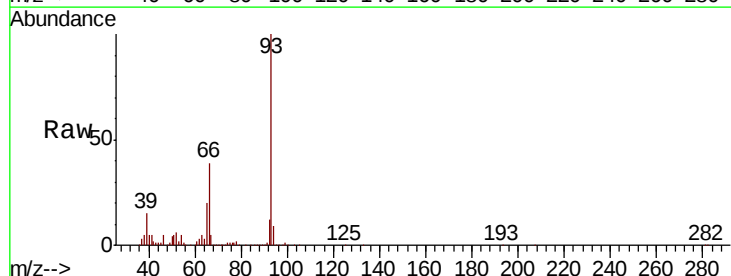
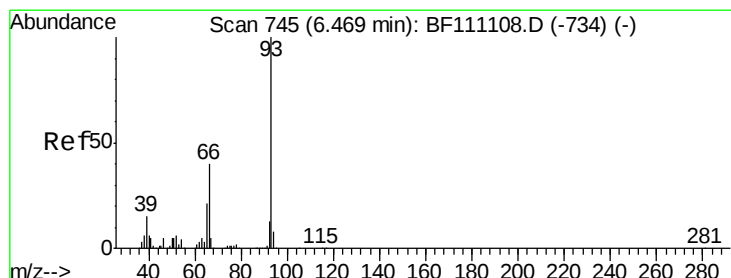
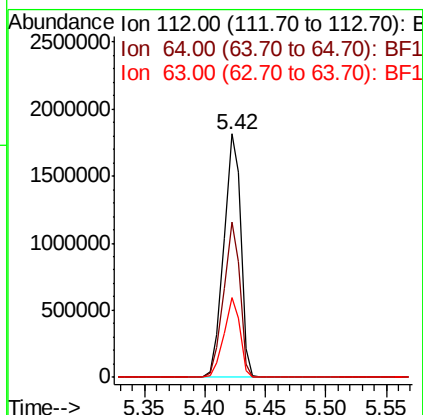




#5
2-Fluorophenol
Concen: 80.670 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

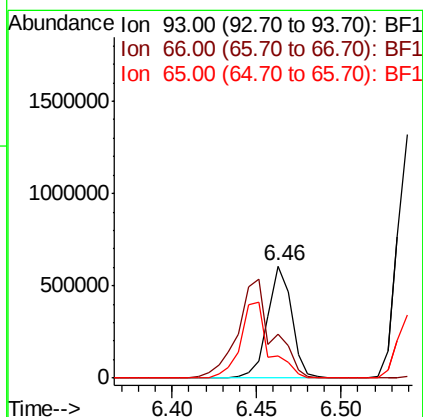
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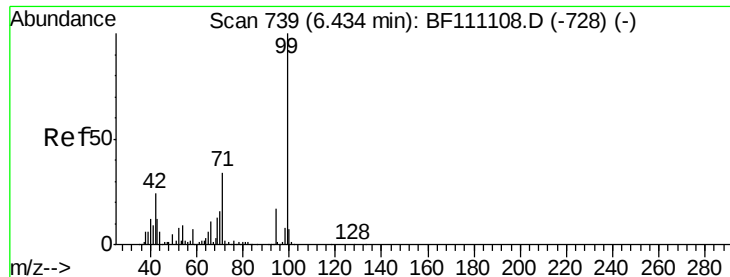
Tgt Ion: 112 Resp: 1758809
Ion Ratio Lower Upper
112 100
64 64.0 50.2 75.4
63 32.6 26.6 39.8



#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





#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

ClientSampleId :

PB115402BSD

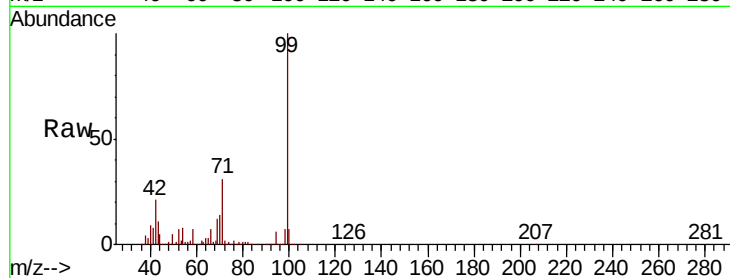
Tgt Ion: 99 Resp: 2457300

Ion Ratio Lower Upper

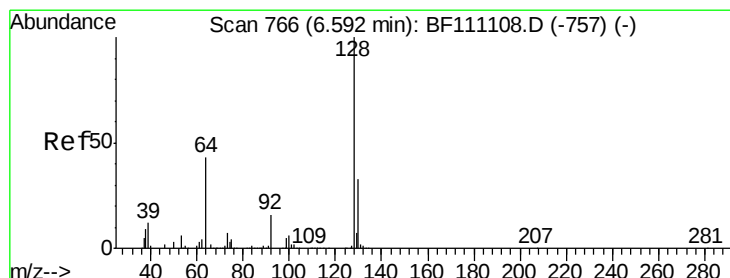
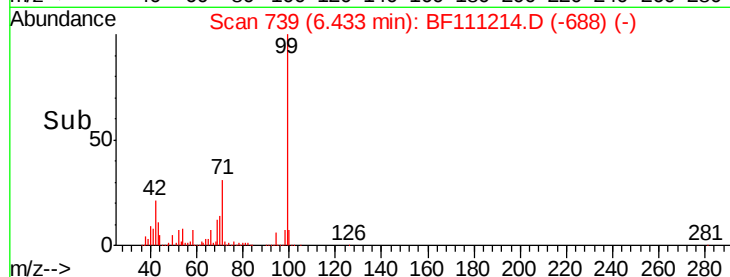
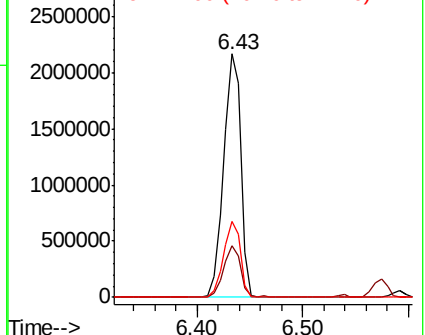
99 100

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

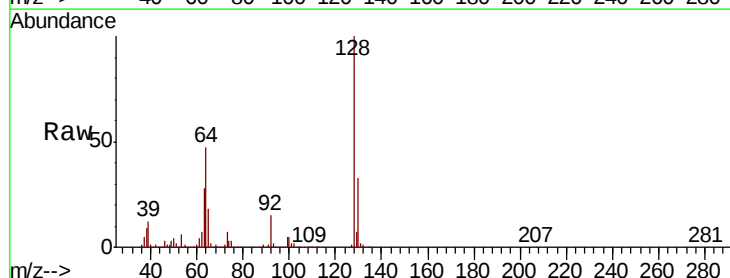
Tgt Ion: 128 Resp: 1056562

Ion Ratio Lower Upper

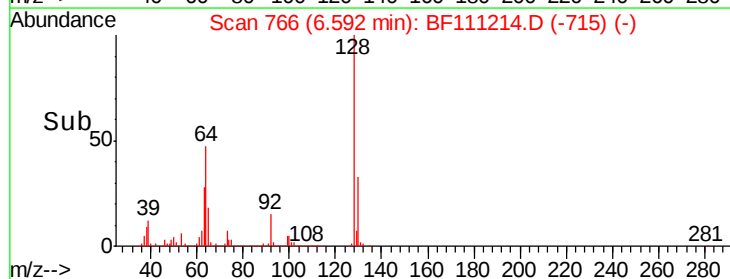
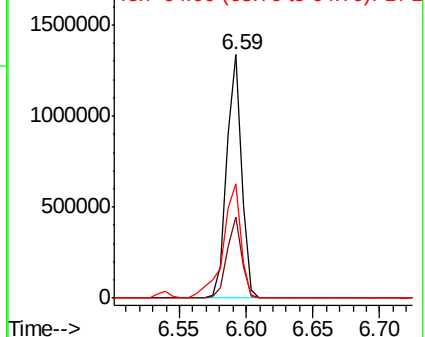
128 100

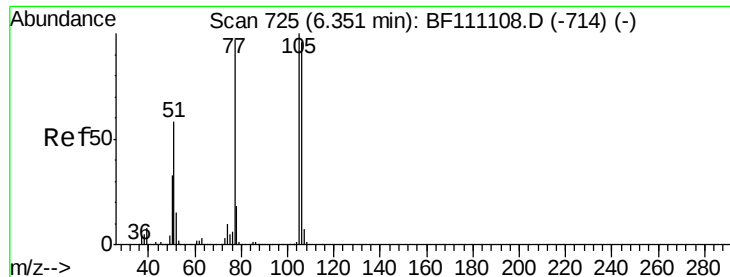
130 33.4 12.8 52.8

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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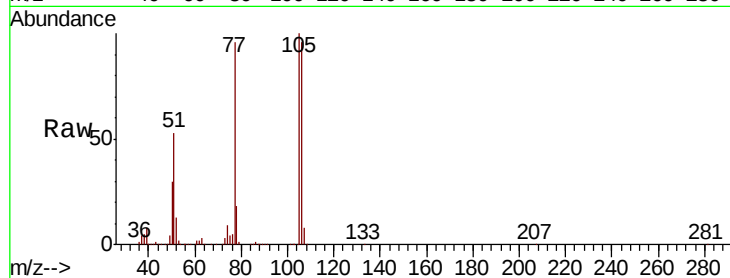
Tgt Ion: 77 Resp: 505167

Ion Ratio Lower Upper

77 100

105 104.2 83.1 123.1

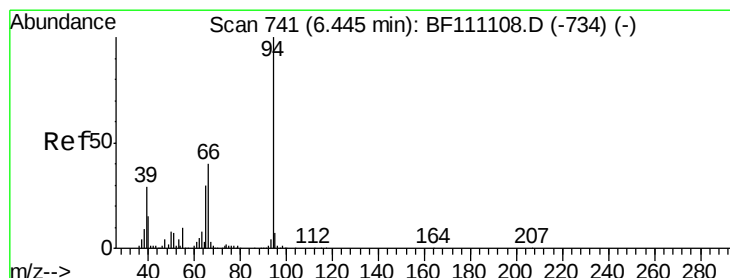
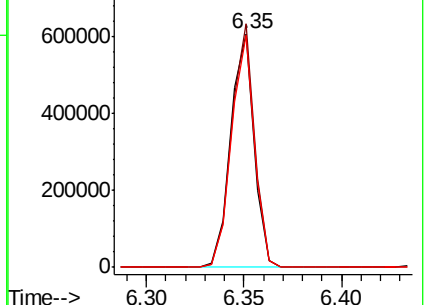
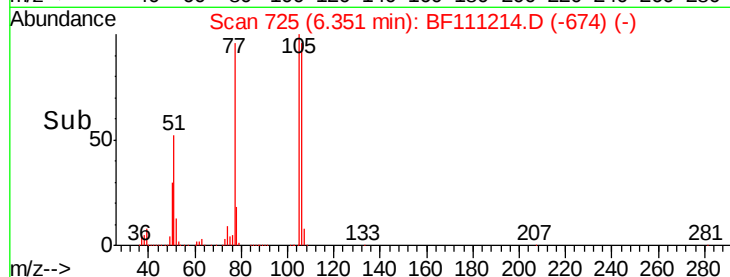
106 99.6 79.0 119.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#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

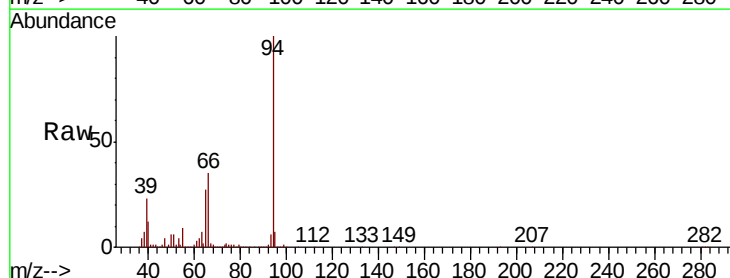
Tgt Ion: 94 Resp: 1336464

Ion Ratio Lower Upper

94 100

65 26.6 10.5 50.5

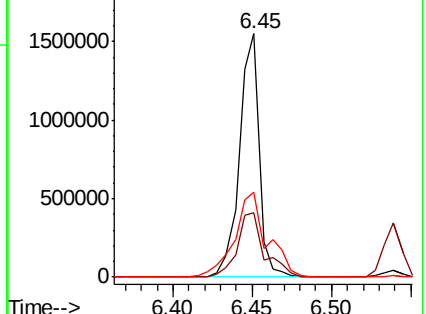
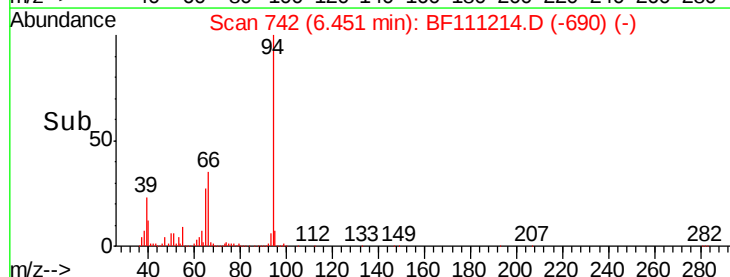
66 34.8 19.8 59.8

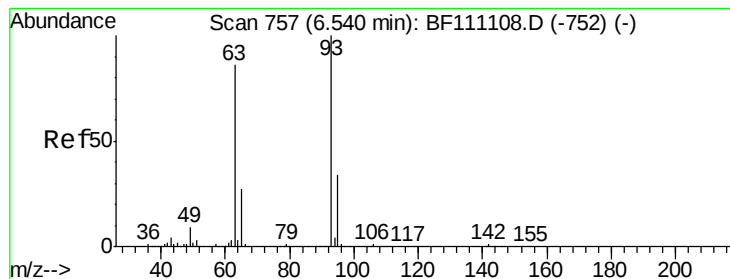


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#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

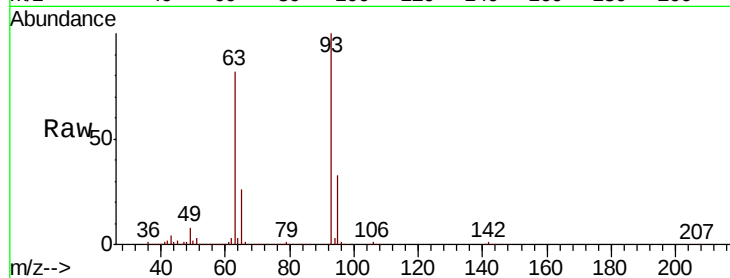
Tgt Ion: 93 Resp: 1034334

Ion Ratio Lower Upper

93 100

63 81.7 66.0 106.0

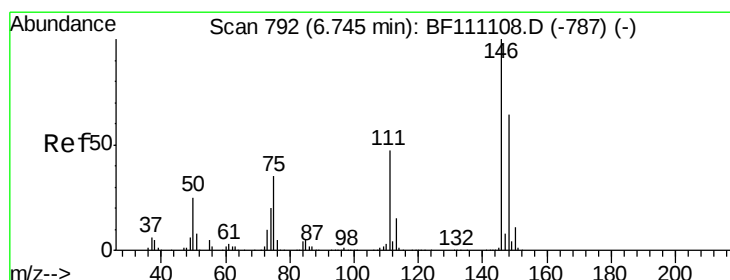
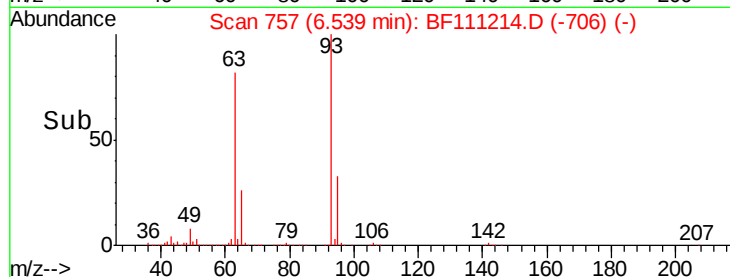
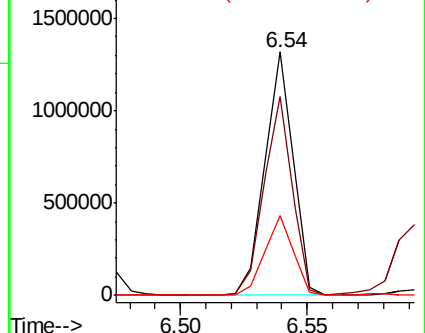
95 32.8 14.3 54.3



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

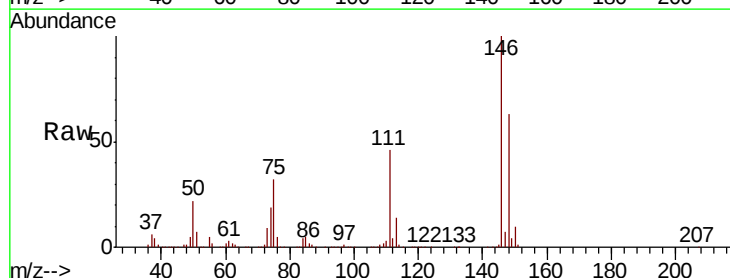
Tgt Ion: 146 Resp: 1037410

Ion Ratio Lower Upper

146 100

148 62.6 51.3 76.9

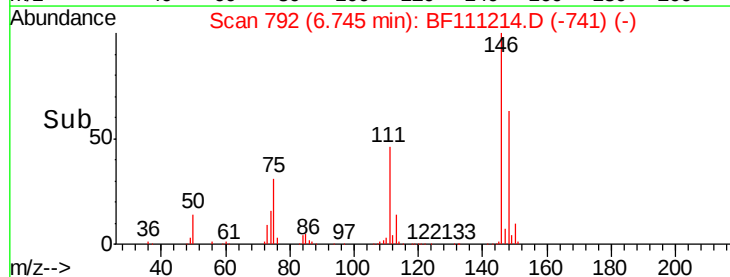
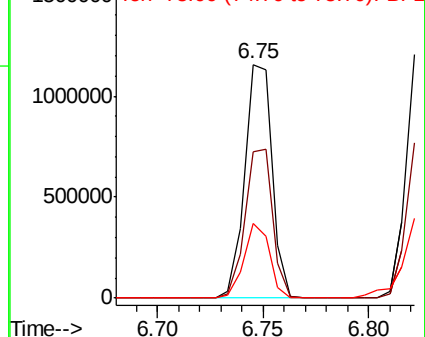
75 32.1 27.7 41.5

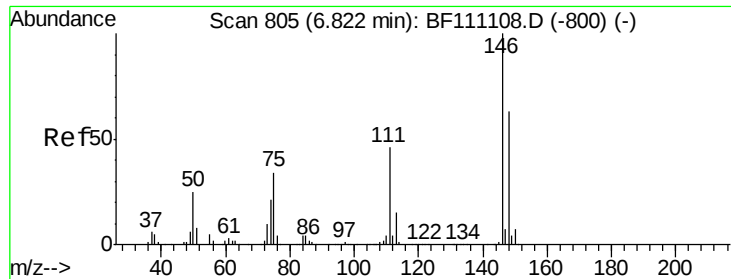


Abundance Ion 146.00 (145.70 to 146.70): E

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

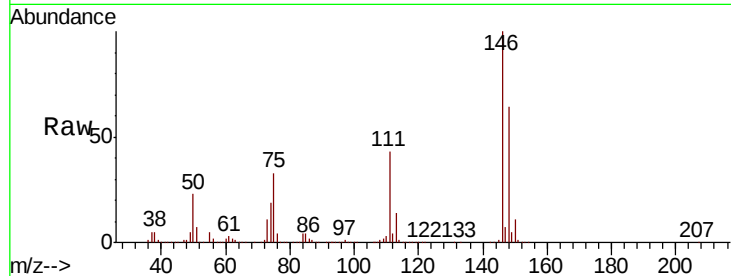
Tgt Ion:146 Resp: 1025579

Ion Ratio Lower Upper

146 100

148 64.0 50.3 75.5

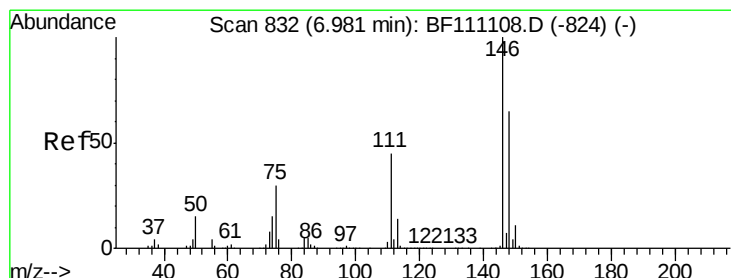
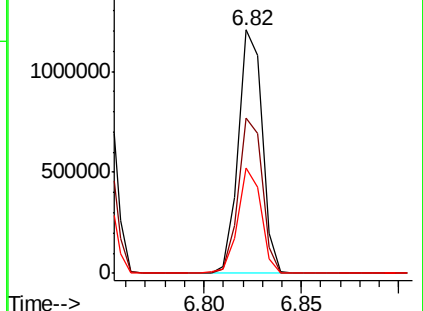
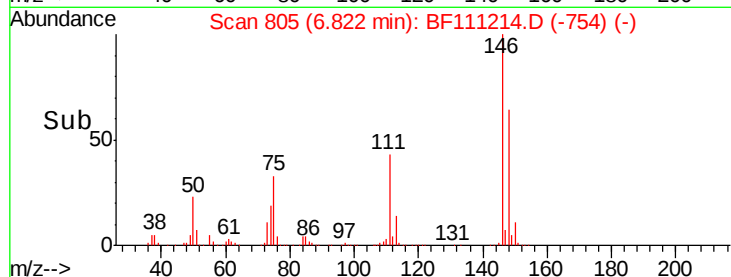
111 43.5 36.6 55.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#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

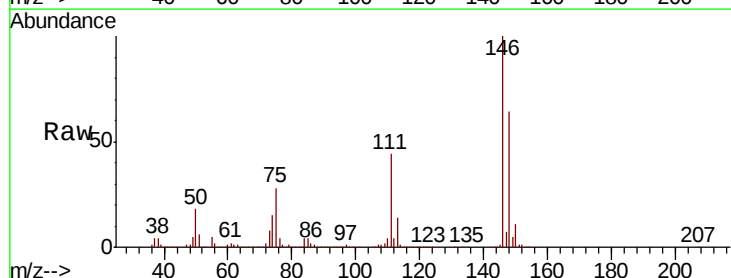
Tgt Ion:146 Resp: 984240

Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.6

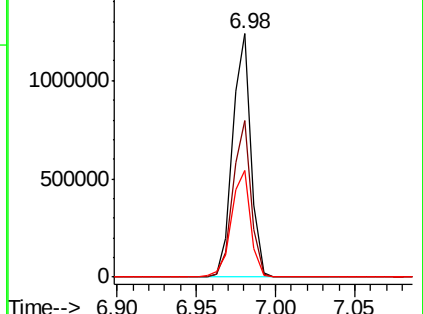
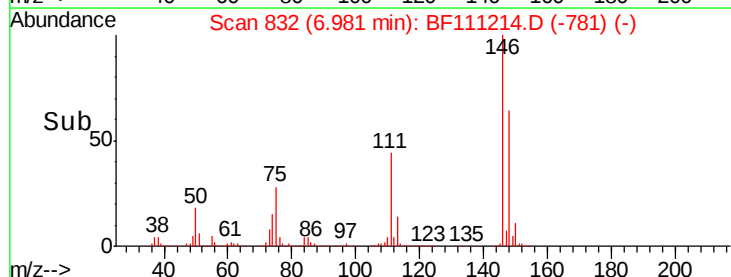
111 43.7 35.7 53.5

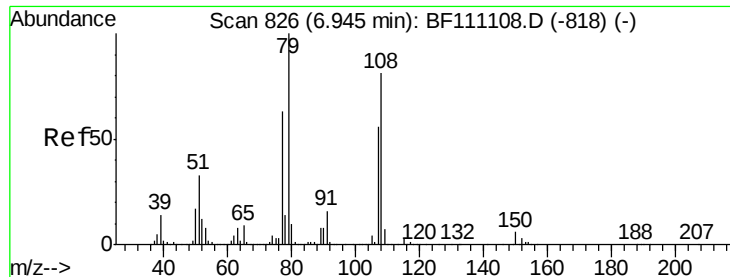


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#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

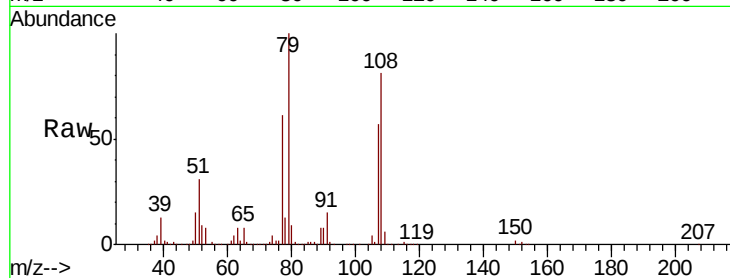
Tgt Ion: 79 Resp: 840248

Ion Ratio Lower Upper

79 100

108 81.0 64.5 96.7

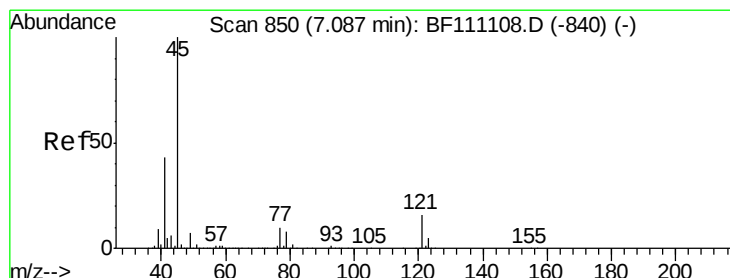
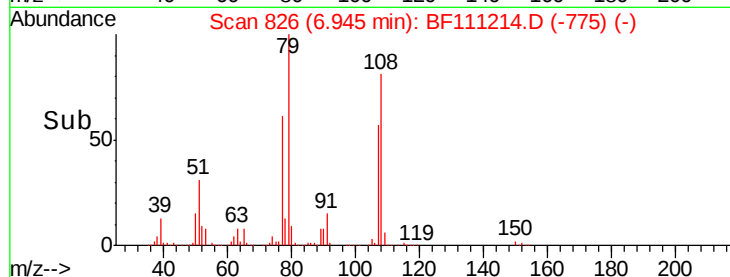
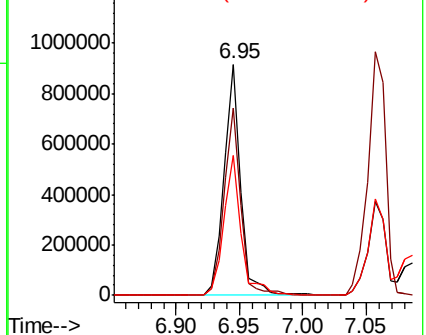
77 60.7 50.5 75.7



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

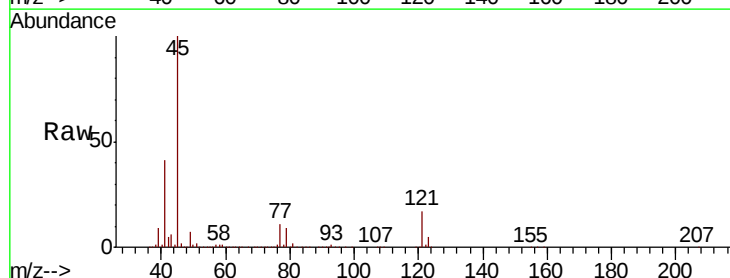
Tgt Ion: 45 Resp: 1809522

Ion Ratio Lower Upper

45 100

77 10.9 0.0 30.6

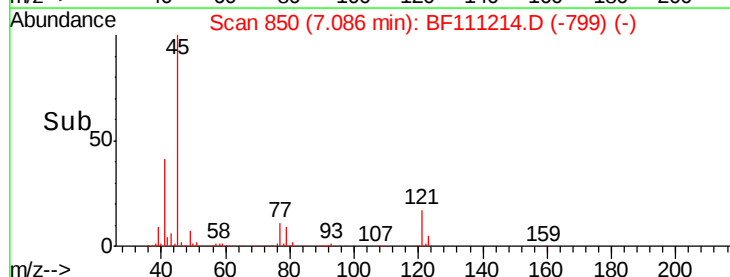
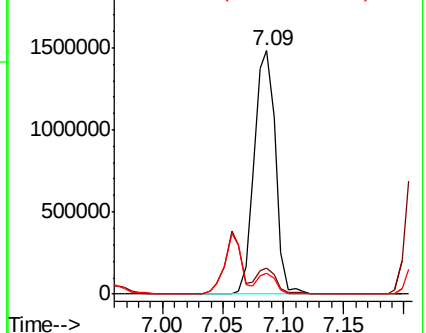
79 8.6 0.0 28.4

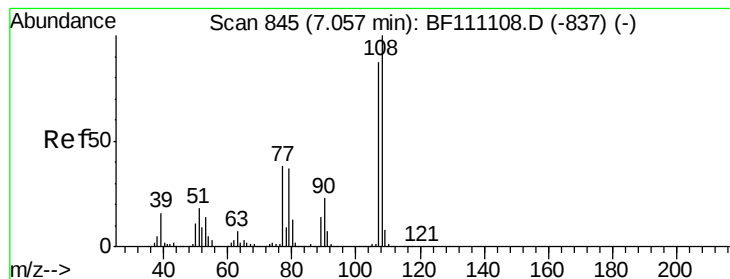


Abundance Ion 45.00 (44.70 to 45.70): BF1

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

Tgt Ion:107 Resp: 818921

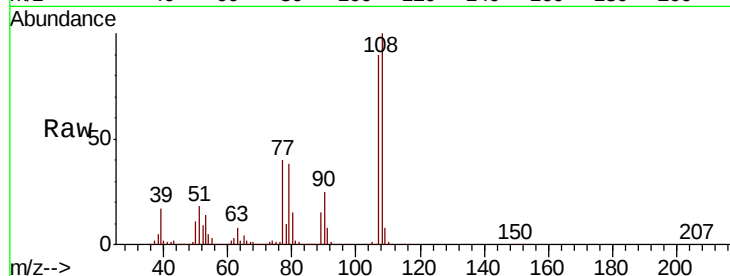
Ion Ratio Lower Upper

107 100

108 111.1 91.8 137.8

77 44.1 34.7 52.1

79 42.6 34.2 51.2

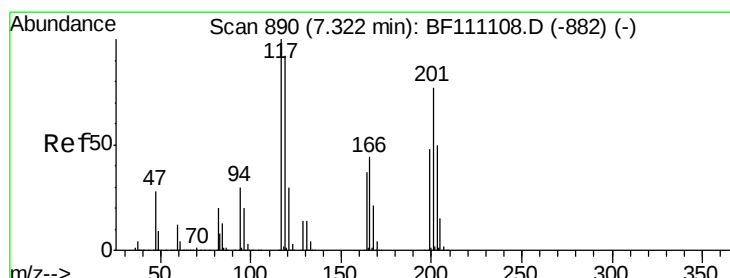
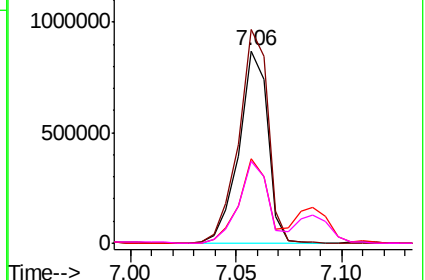
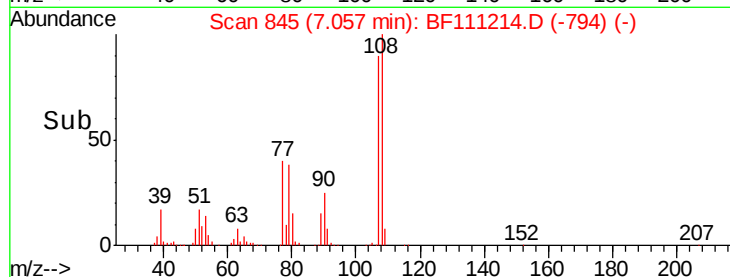


Abundance Ion 107.00 (106.70 to 107.70): E

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

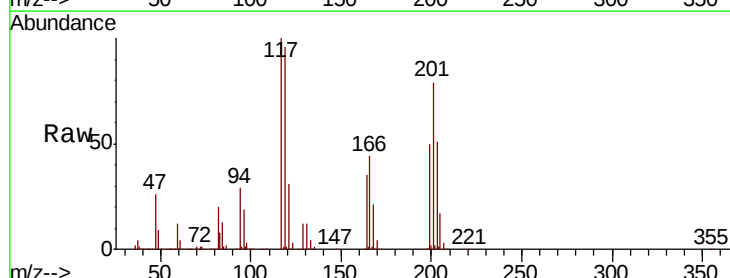
Tgt Ion:117 Resp: 387334

Ion Ratio Lower Upper

117 100

119 96.2 73.8 110.6

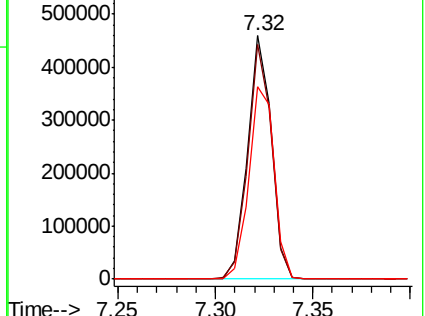
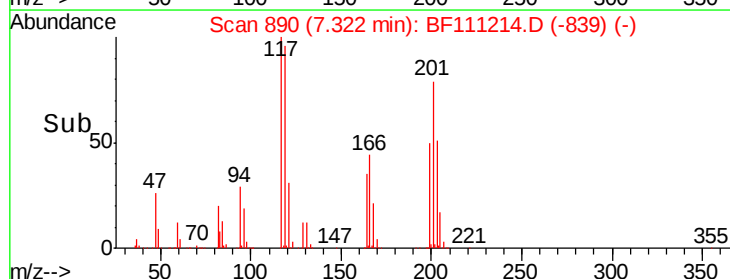
201 79.2 61.2 91.8

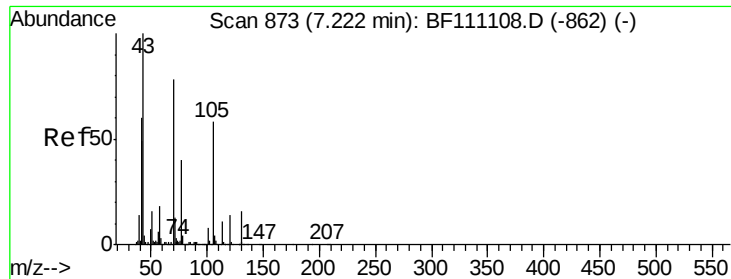


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

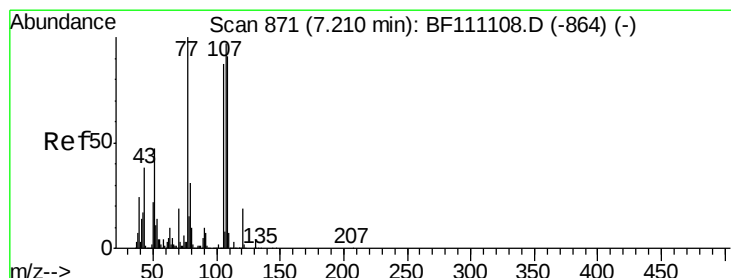
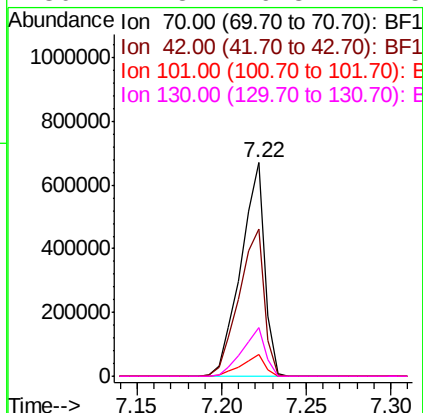
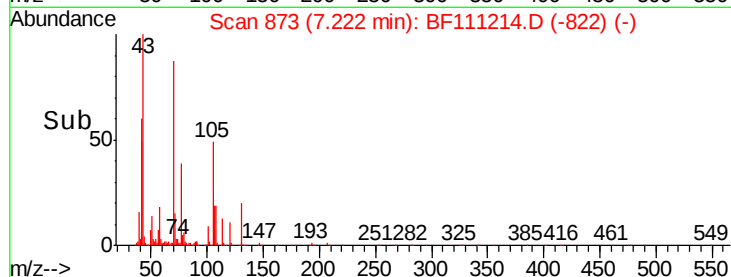
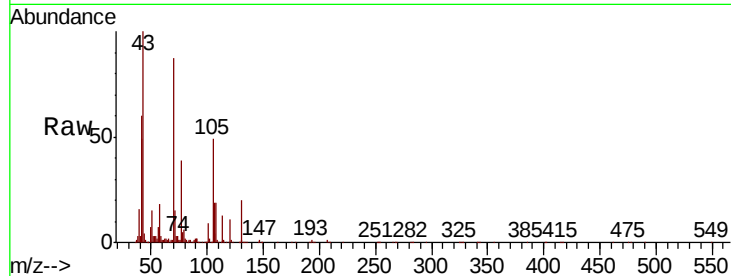




#19
n-Nitroso-di-n-propylamine
Concen: 34.996 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

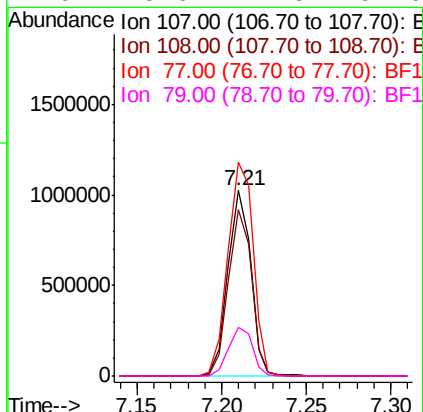
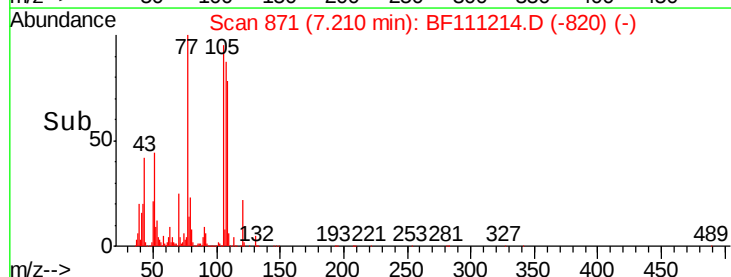
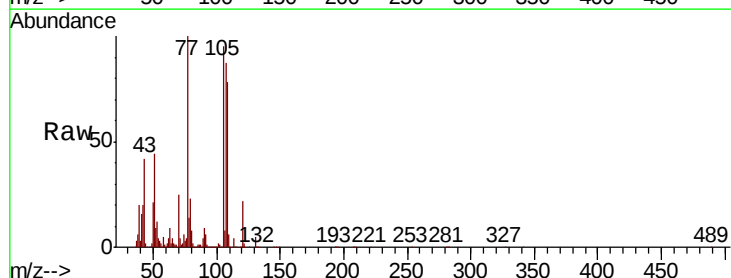
Instrument :
BNA_F
ClientSampleId :
PB115402BSD

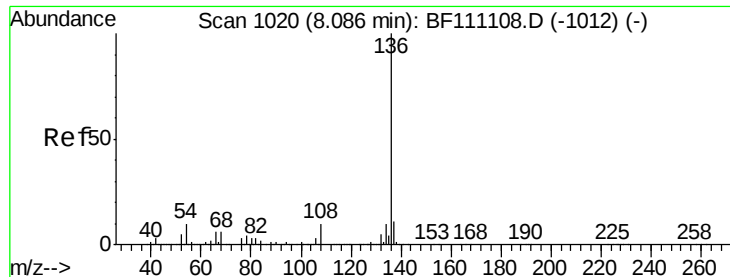
Tgt Ion:	70	Resp:	660511
Ion	Ratio	Lower	Upper
70	100		
42	68.8	61.3	91.9
101	10.0	7.7	11.5
130	22.8	16.3	24.5



#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

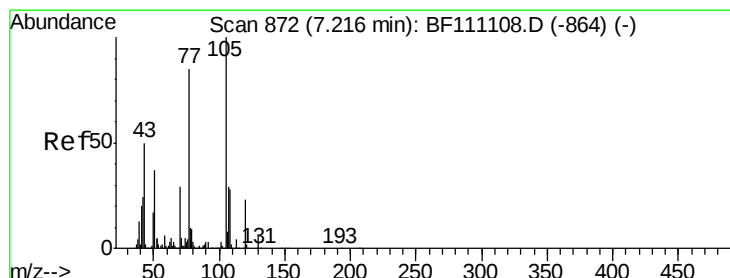
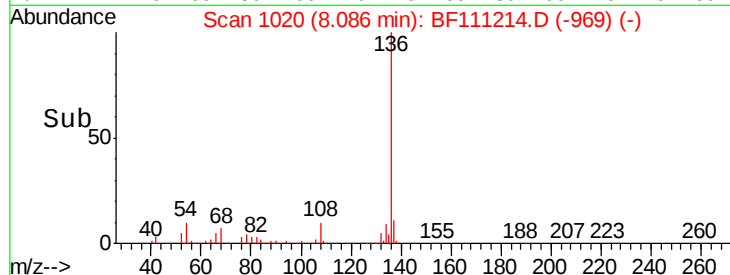
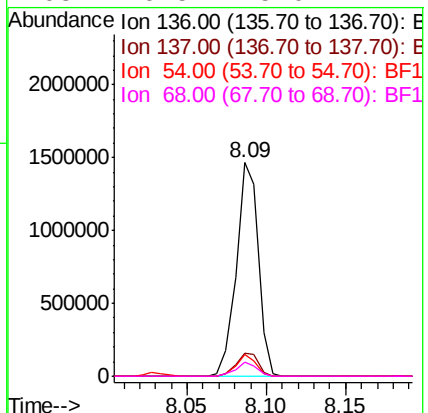
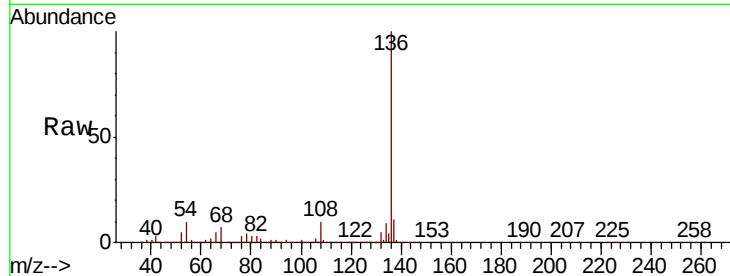




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

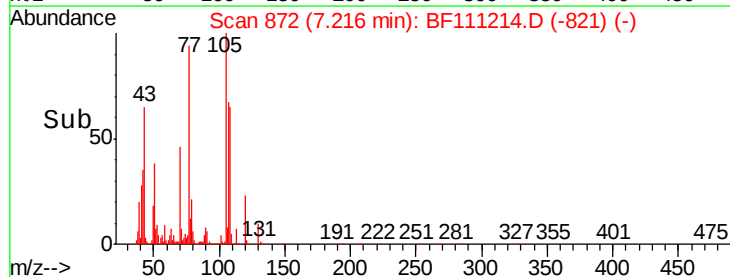
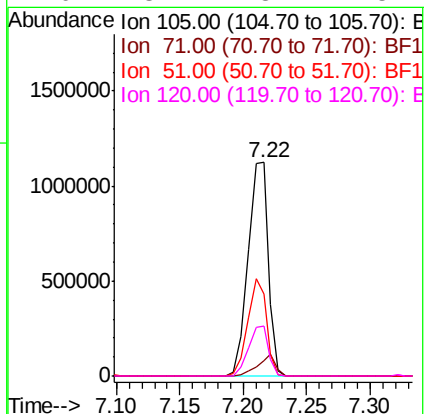
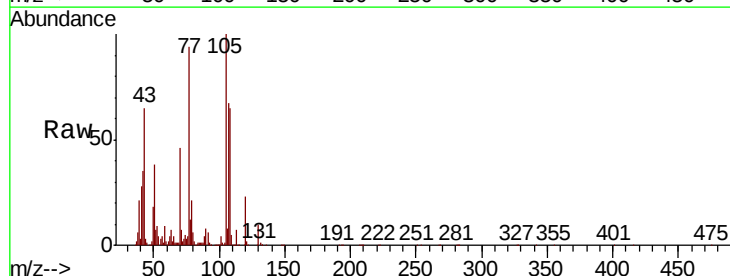
Instrument :
BNA_F
ClientSampleId :
PB115402BSD

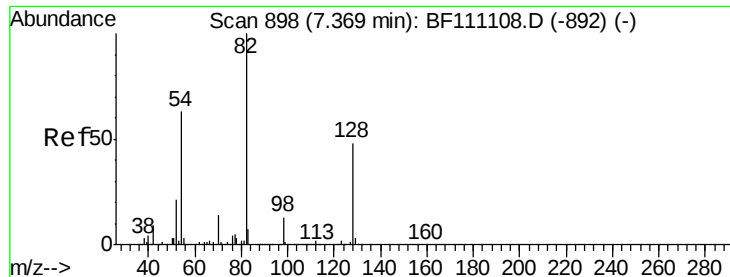
Tgt Ion:	136	Resp:	1405810
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	10.0	8.4	12.6
68	6.5	5.0	7.4



#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

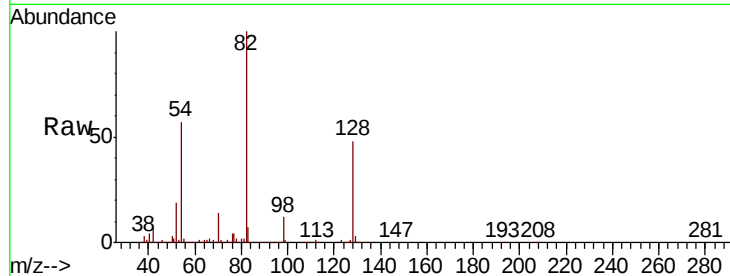




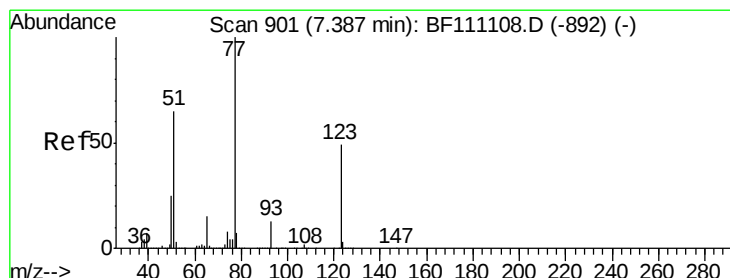
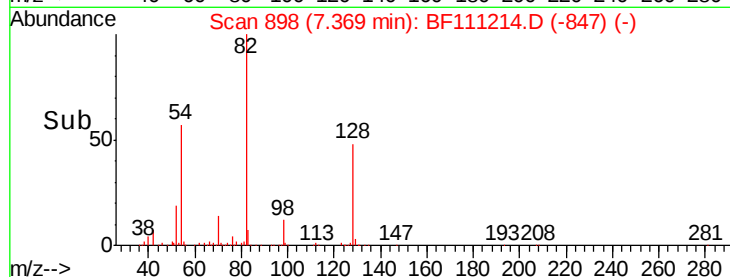
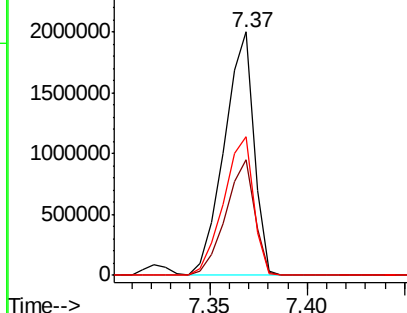
#23
 Nitrobenzene-d5
 Concen: 88.431 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BF111214.D
 Acq: 8 Dec 2018 4:18

Instrument :
 BNA_F
 ClientSampleId :
 PB115402BSD

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

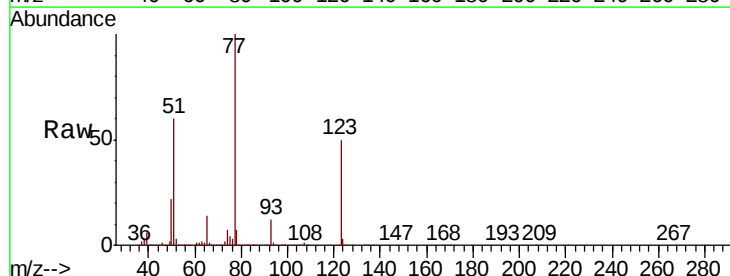


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

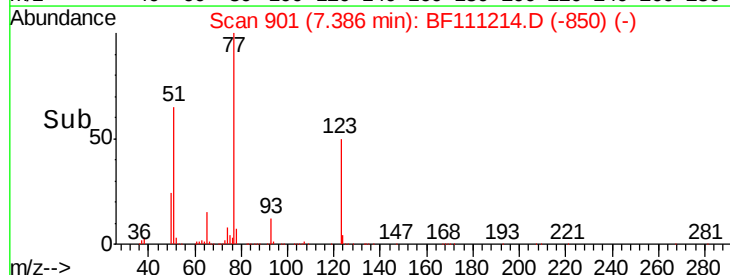
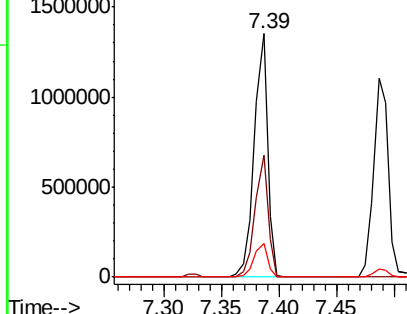


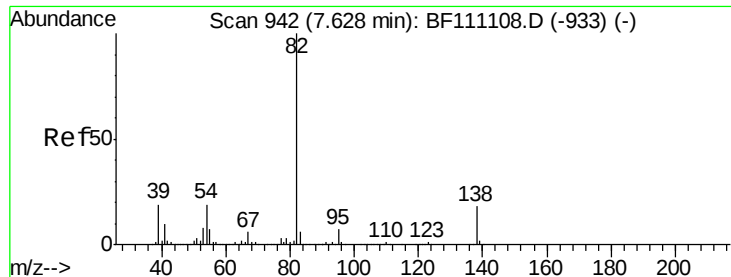
#24
 Nitrobenzene
 Concen: 42.692 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF111214.D
 Acq: 8 Dec 2018 4:18

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



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#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

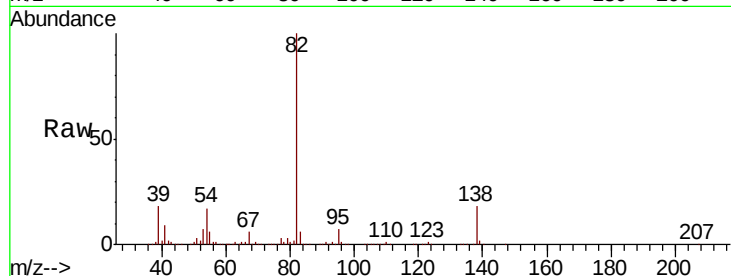
Tgt Ion: 82 Resp: 1865779

Ion Ratio Lower Upper

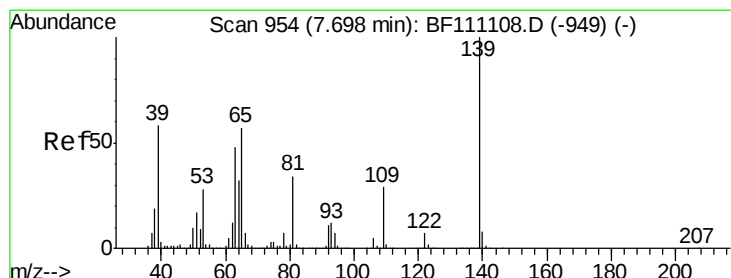
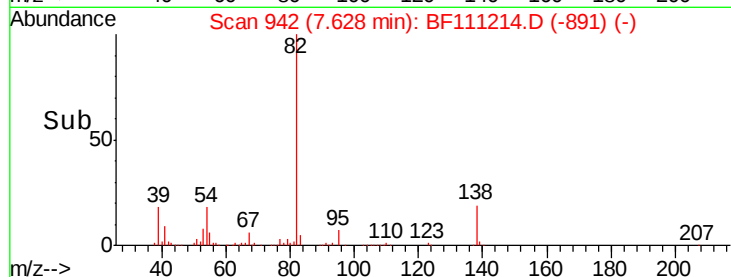
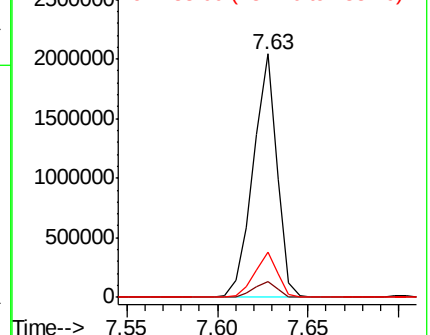
82 100

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

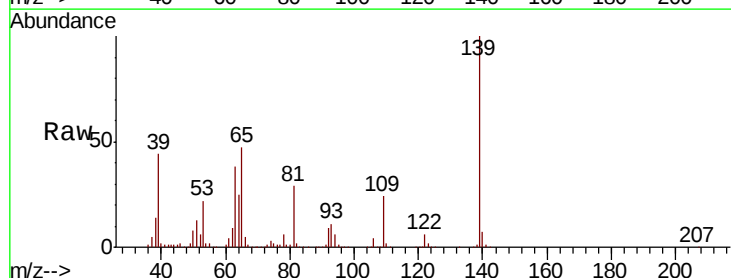
Tgt Ion: 139 Resp: 510359

Ion Ratio Lower Upper

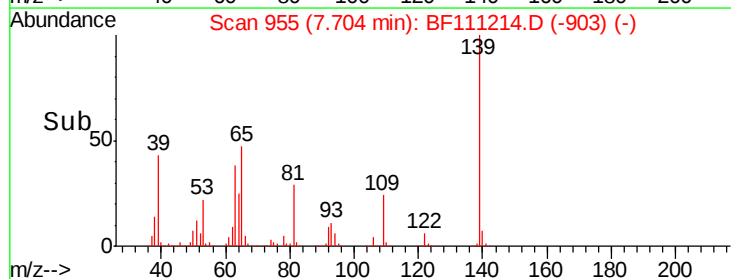
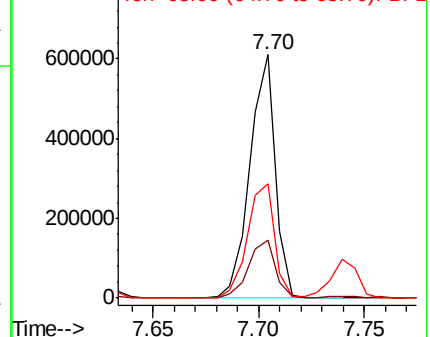
139 100

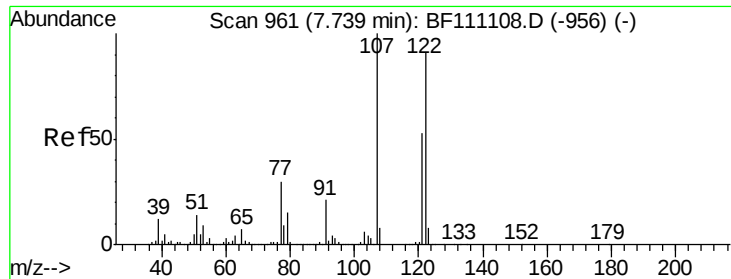
109 23.9 23.1 34.7

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

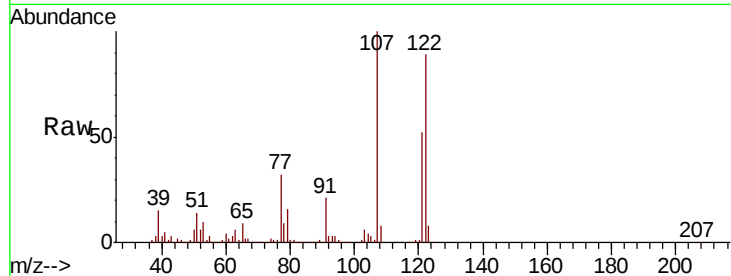
Tgt Ion:122 Resp: 890633

Ion Ratio Lower Upper

122 100

107 111.9 87.4 131.0

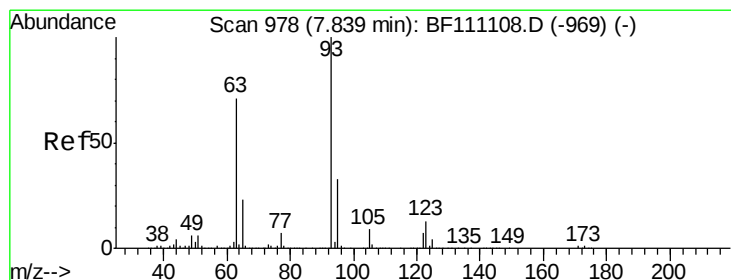
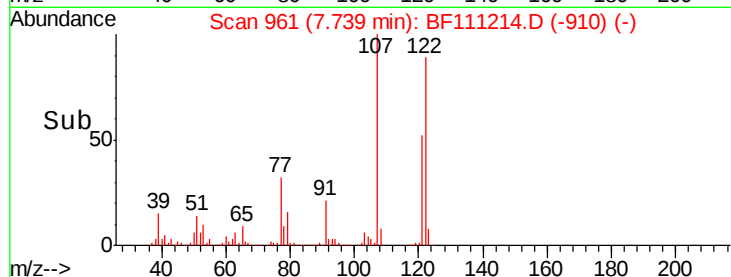
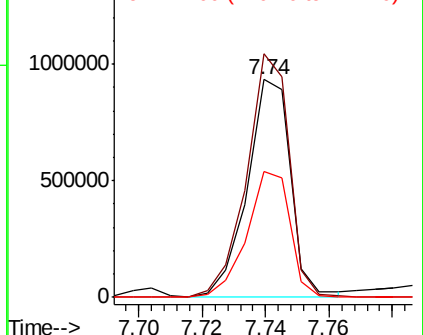
121 57.8 45.9 68.9



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

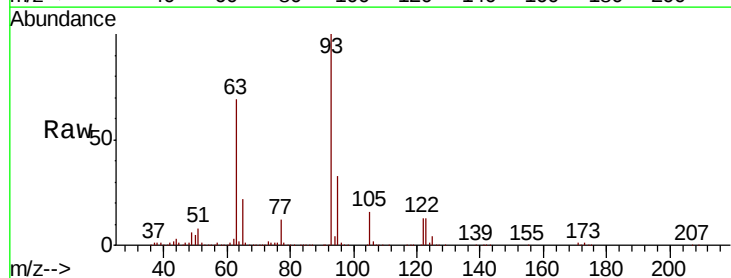
Tgt Ion: 93 Resp: 1205475

Ion Ratio Lower Upper

93 100

95 33.2 26.6 39.8

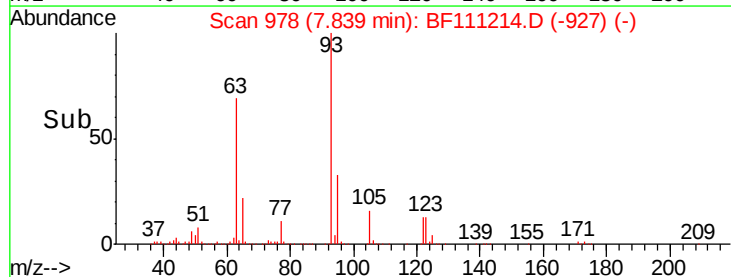
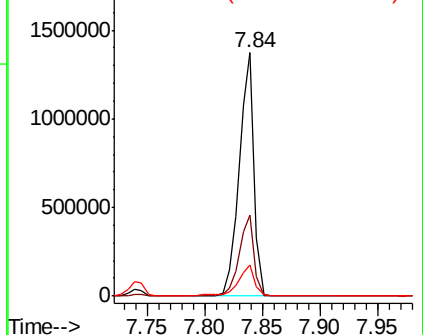
123 13.0 10.3 15.5

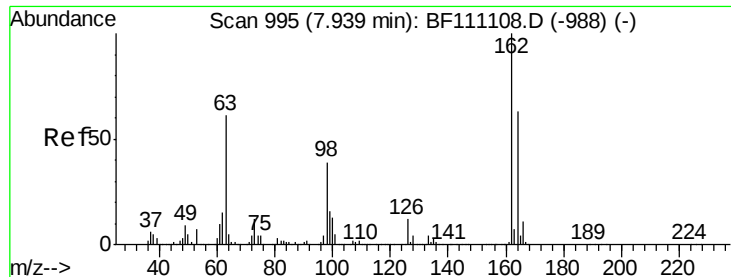


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

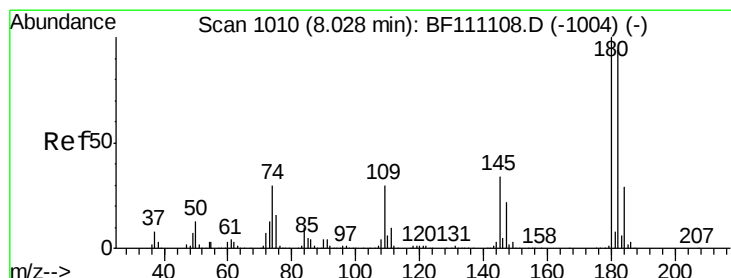
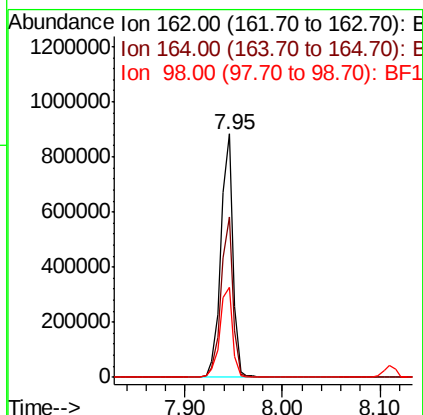
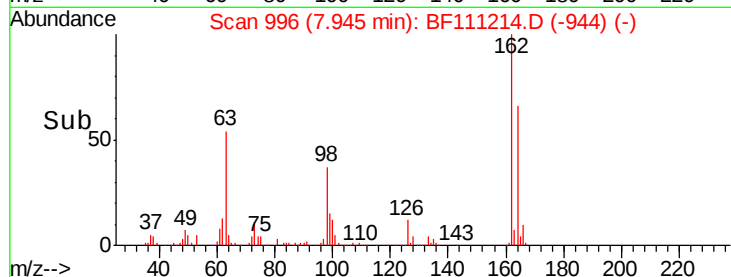
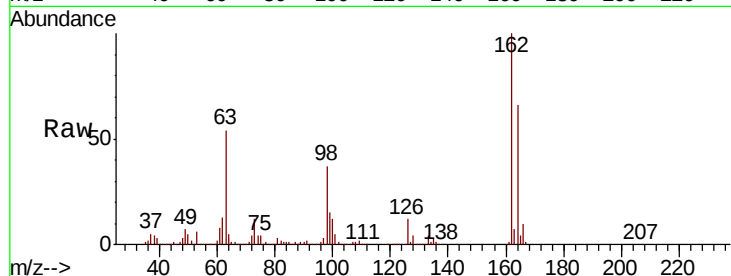




#29
2,4-Dichlorophenol
Concen: 37.992 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

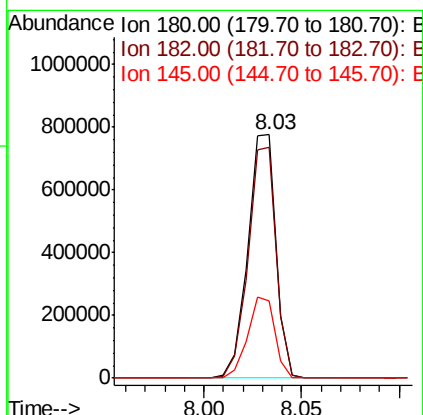
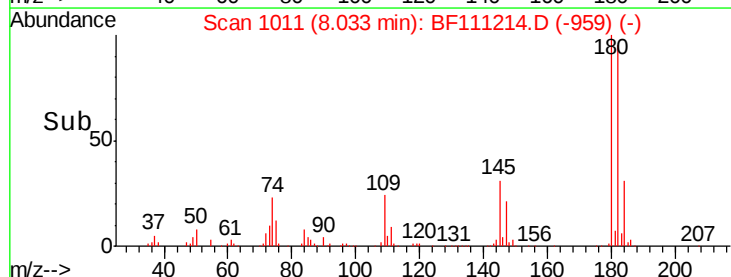
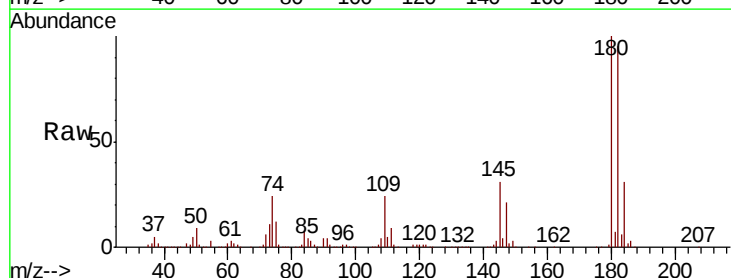
Instrument :
BNA_F
ClientSampleId :
PB115402BSD

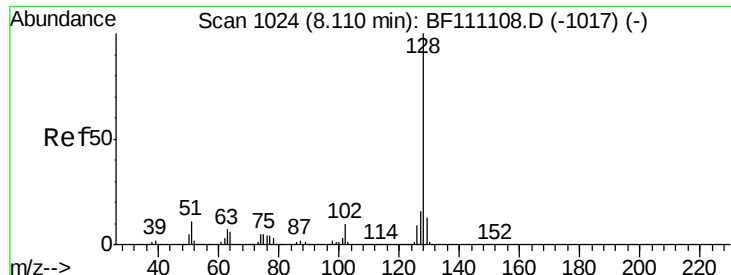
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.8	43.3	83.3
98	37.2	18.9	58.9



#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

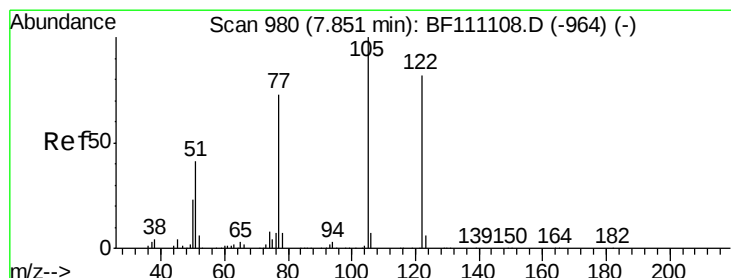
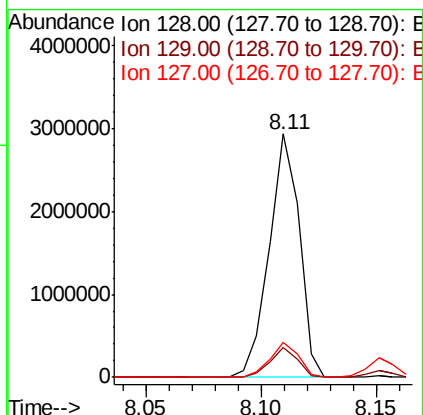
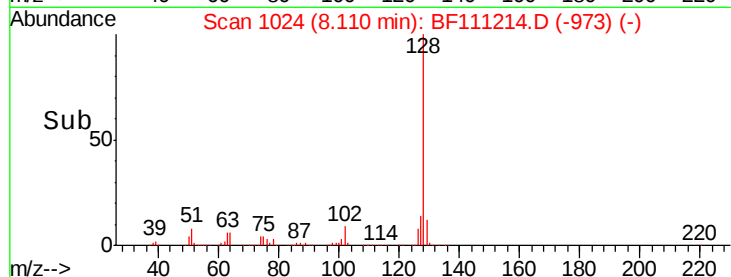
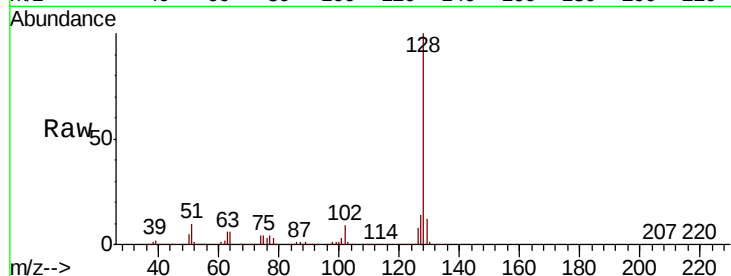




#31
Naphthalene
Concen: 43.706 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

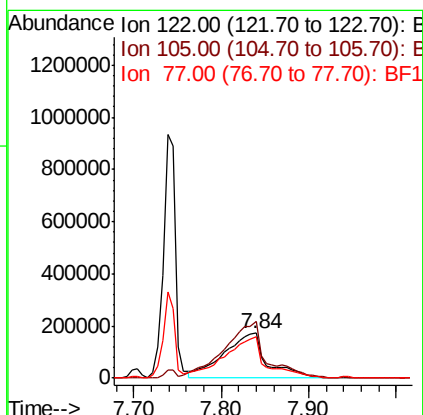
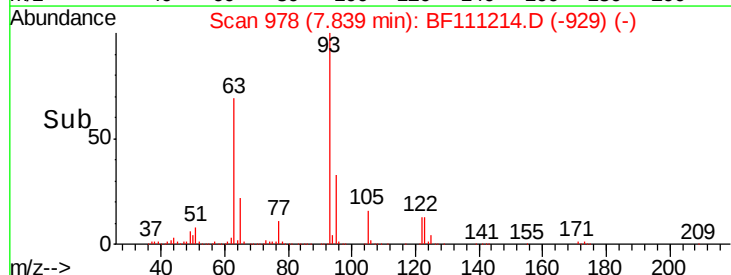
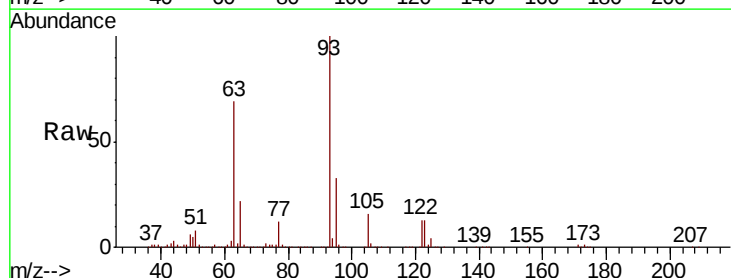
Instrument :
BNA_F
ClientSampleId :
PB115402BSD

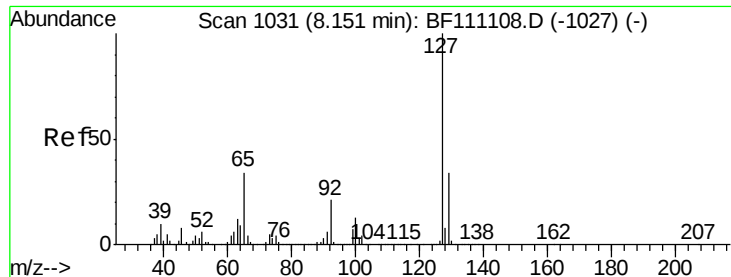
Tgt Ion:128 Resp: 2675095
Ion Ratio Lower Upper
128 100
129 12.2 10.5 15.7
127 14.2 12.5 18.7



#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

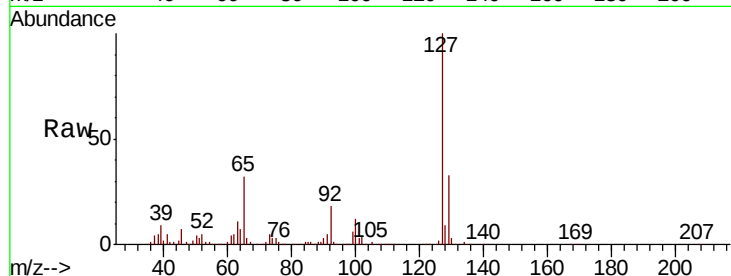




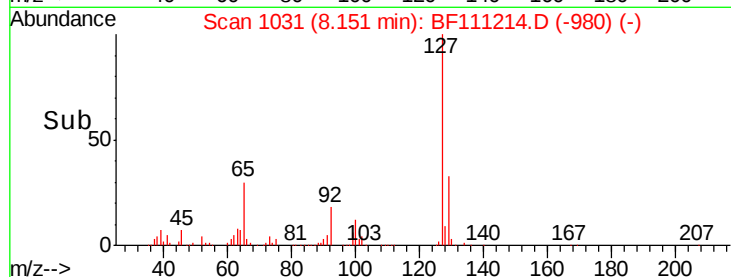
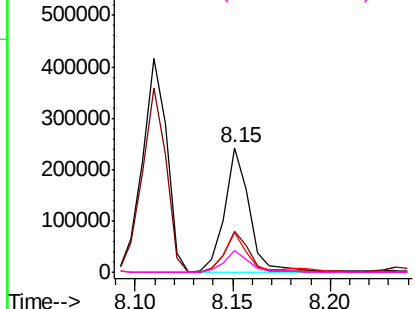
#33
4-Chloroaniline
Concen: 7.200 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

Instrument :
BNA_F
ClientSampleId :
PB115402BSD

Tgt 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

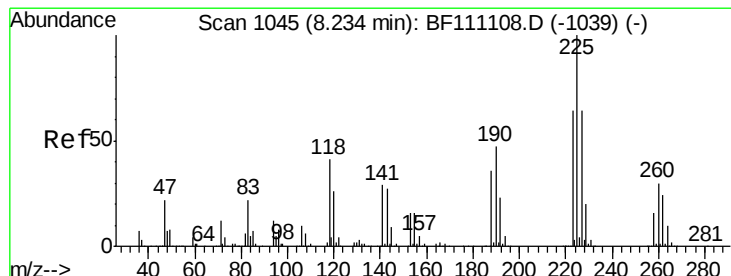


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

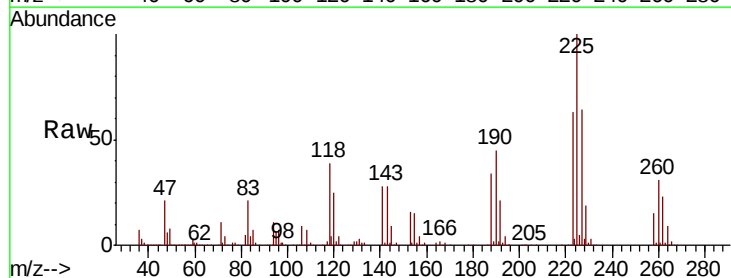
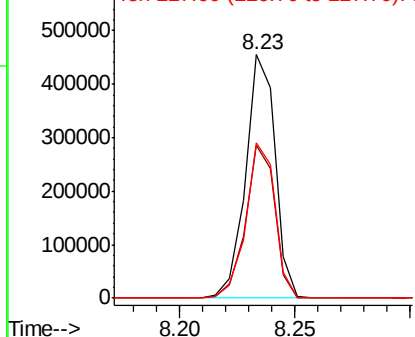


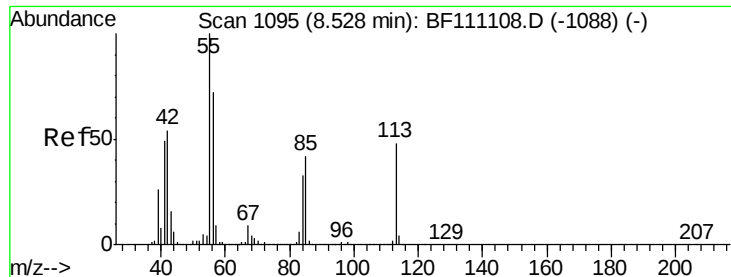
#34
Hexachlorobutadiene
Concen: 37.043 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

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

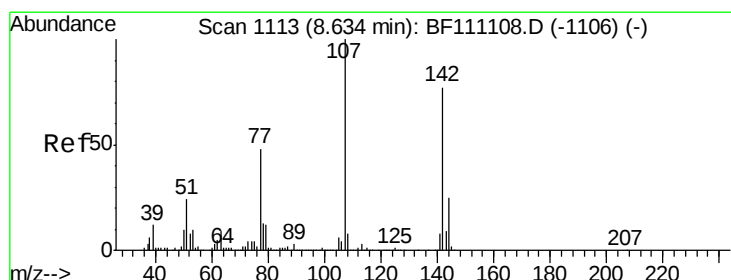
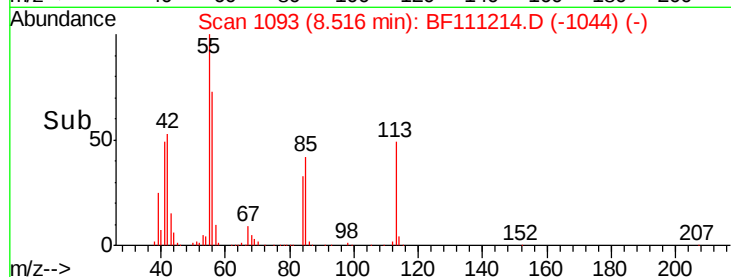
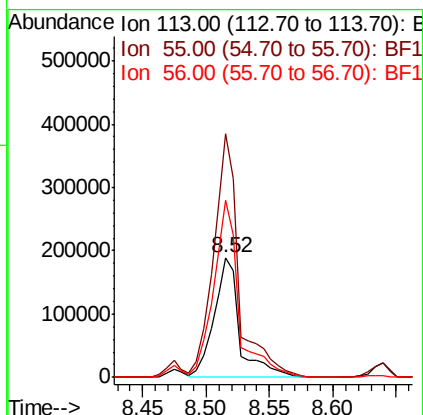
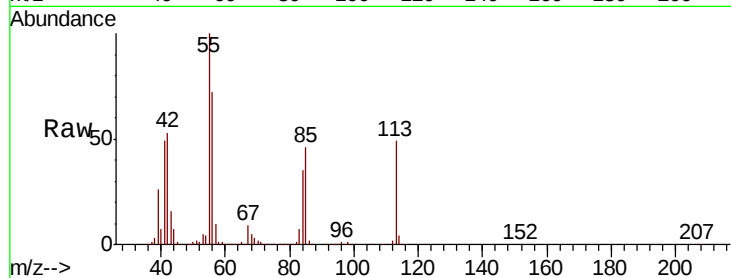




#35
 Caprolactam
 Concen: 36.828 ng
 RT: 8.52 min Scan# 1093
 Delta R.T. -0.01 min
 Lab File: BF111214.D
 Acq: 8 Dec 2018 4:18

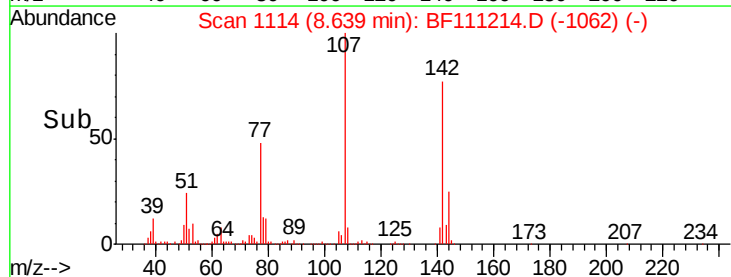
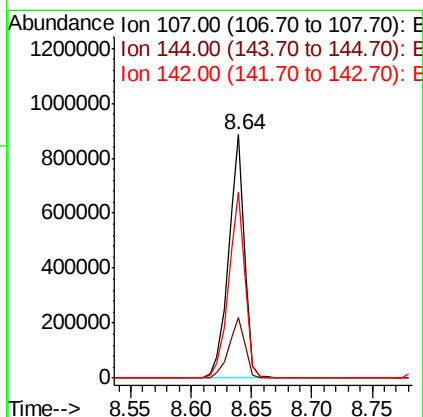
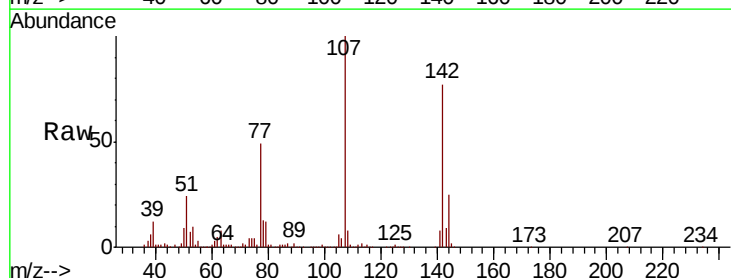
Instrument :
 BNA_F
 ClientSampleId :
 PB115402BSD

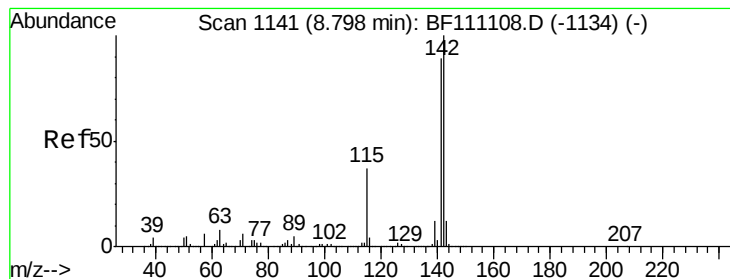
Tgt Ion:113 Resp: 270609
 Ion Ratio Lower Upper
 113 100
 55 203.2 190.6 230.6
 56 147.3 130.9 170.9



#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

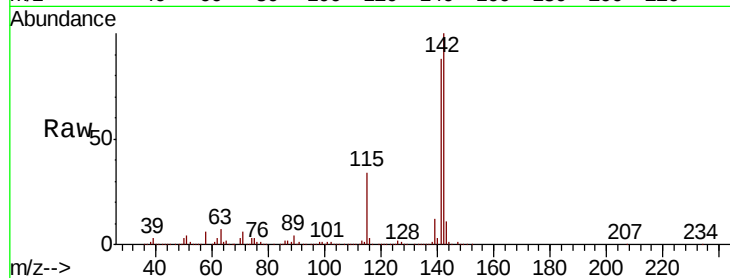
Tgt Ion:142 Resp: 1868914

Ion Ratio Lower Upper

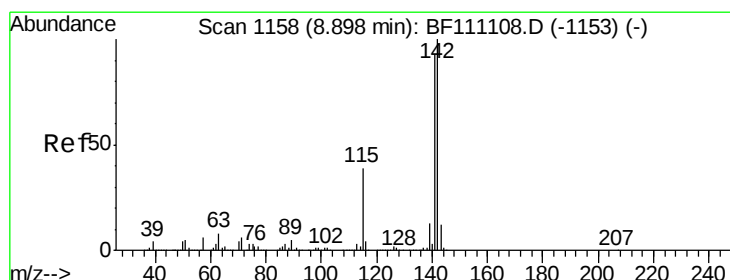
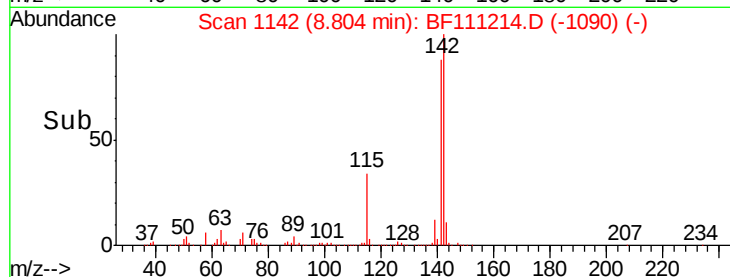
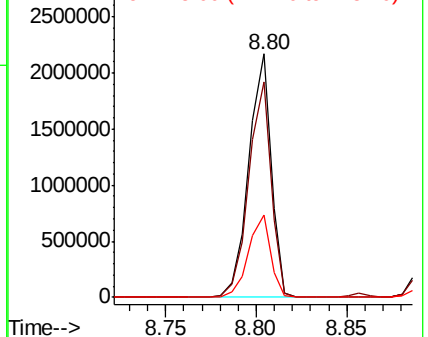
142 100

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

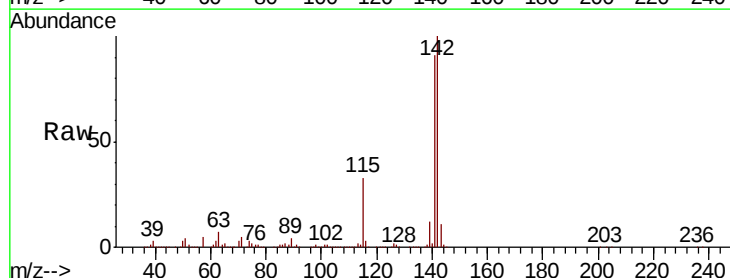
Tgt Ion:142 Resp: 1733797

Ion Ratio Lower Upper

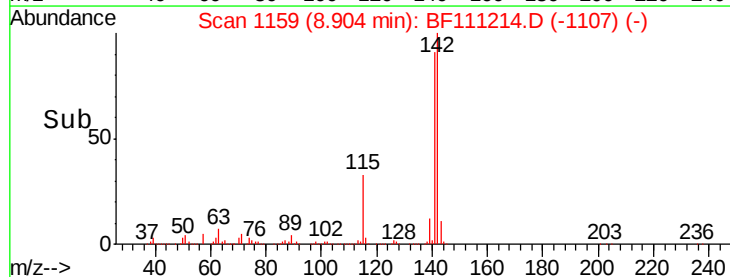
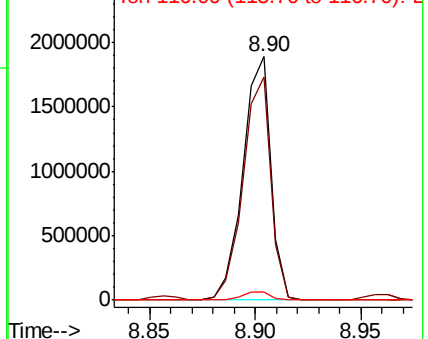
142 100

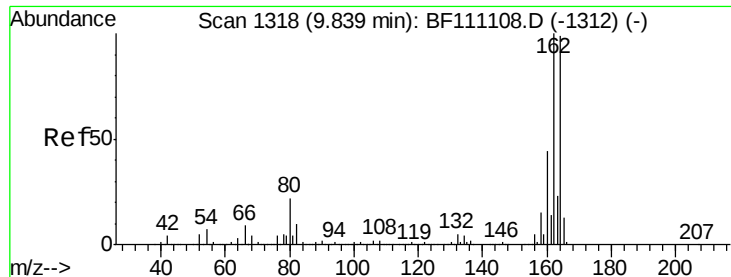
141 91.4 74.5 111.7

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

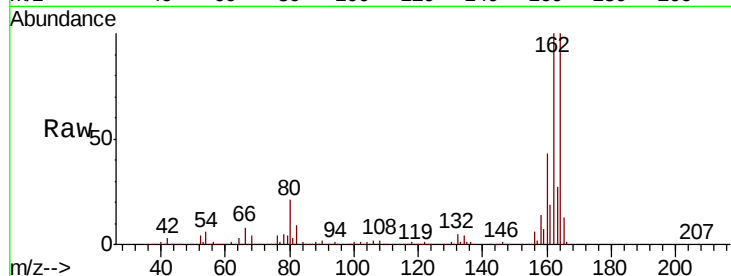




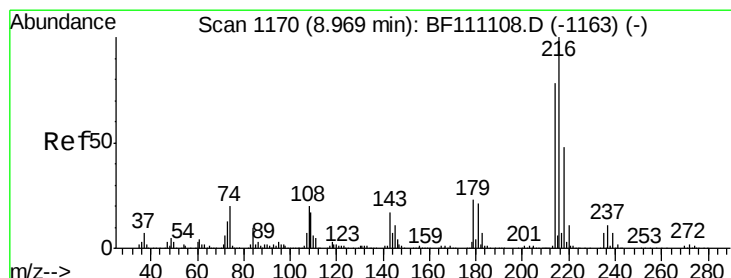
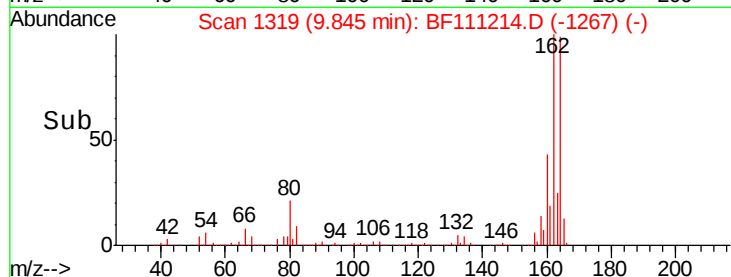
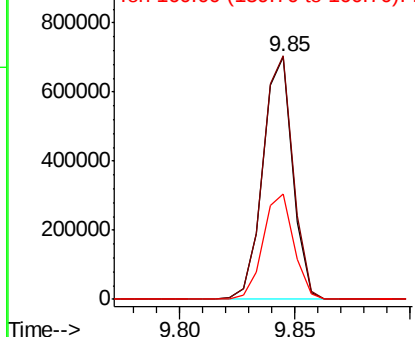
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.01 min
 Lab File: BF111214.D
 Acq: 8 Dec 2018 4:18

Instrument :
 BNA_F
 ClientSampleId :
 PB115402BSD

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

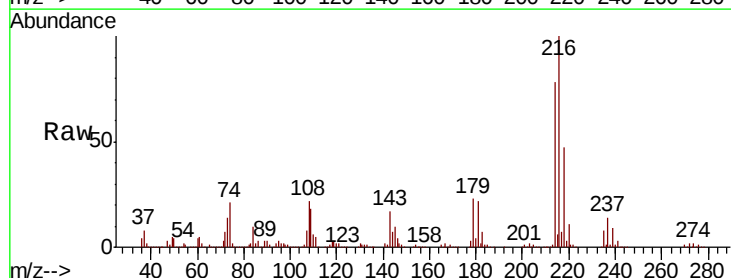


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

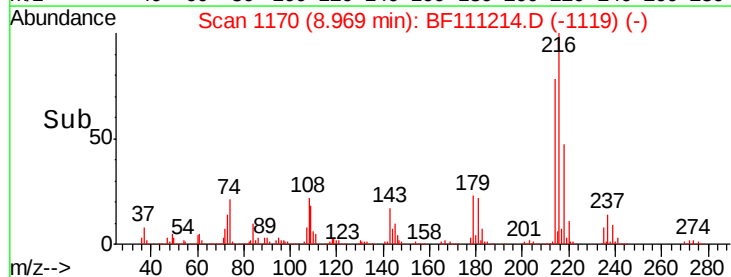
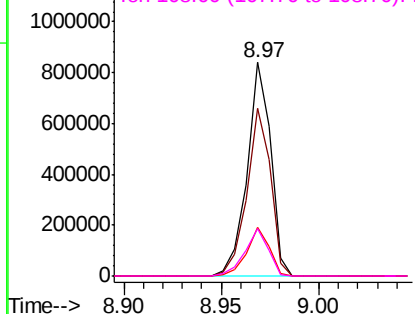


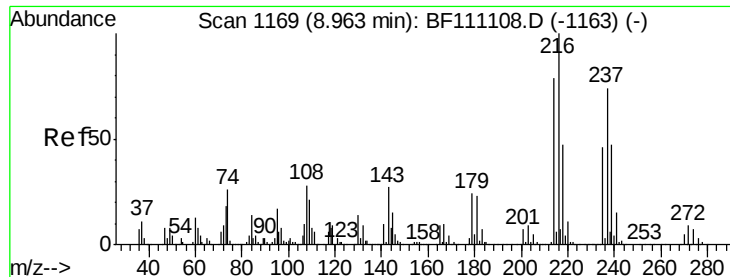
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.776 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF111214.D
 Acq: 8 Dec 2018 4:18

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

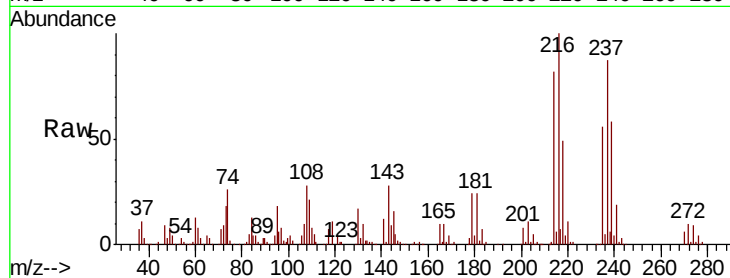
Tgt Ion:237 Resp: 292989

Ion Ratio Lower Upper

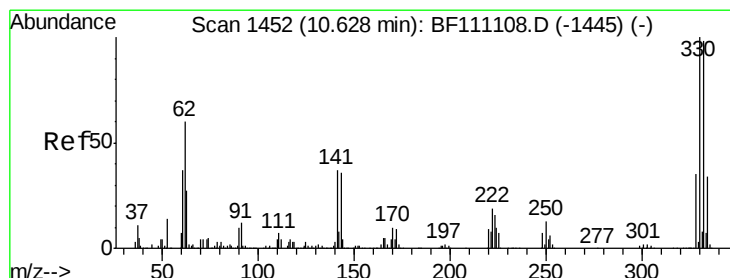
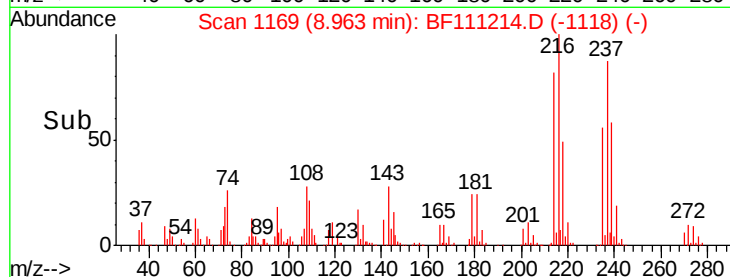
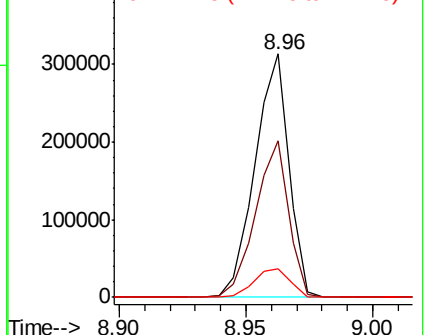
237 100

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

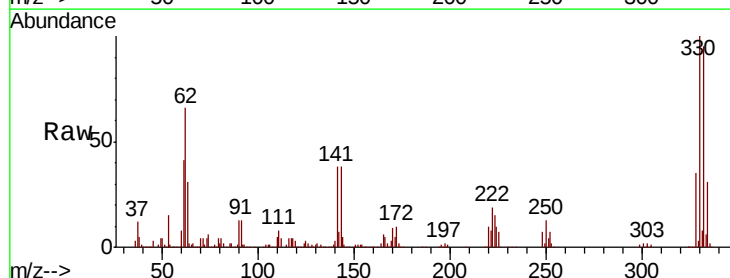
Tgt Ion:330 Resp: 412145

Ion Ratio Lower Upper

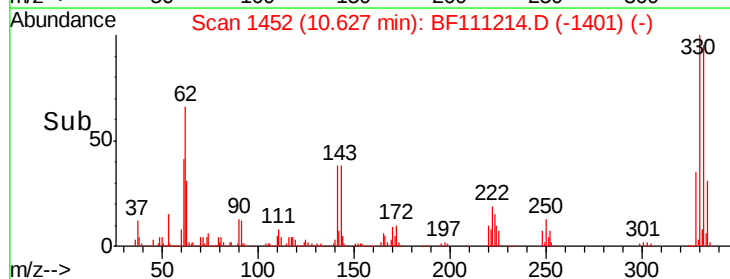
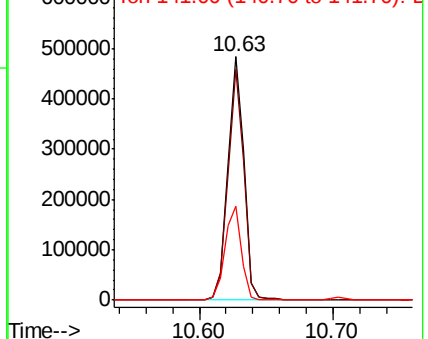
330 100

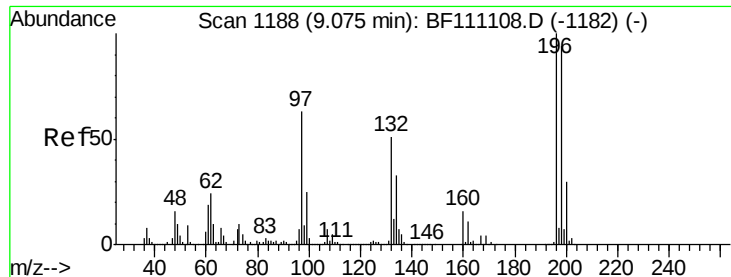
332 94.7 77.2 115.8

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

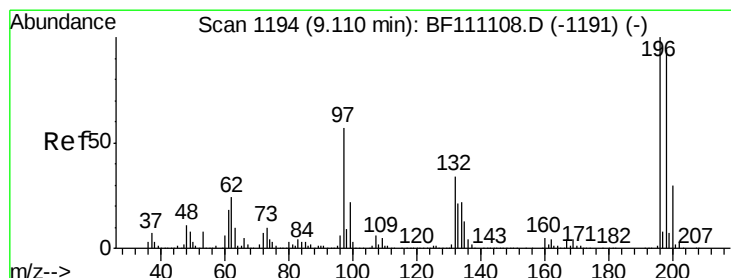
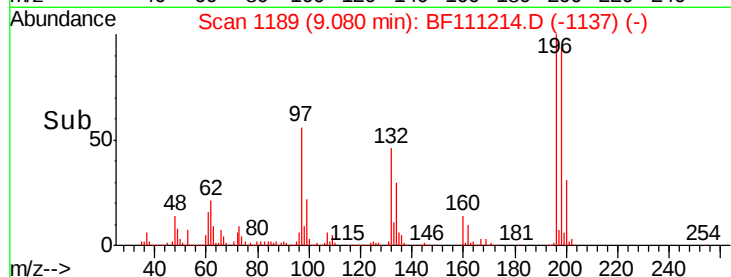
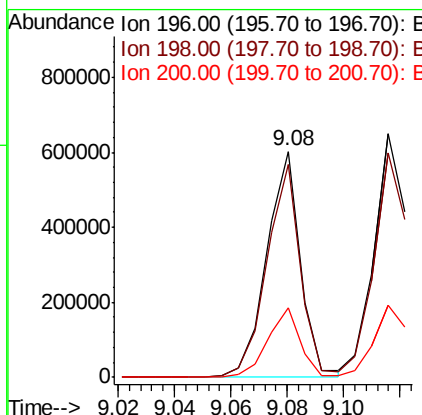
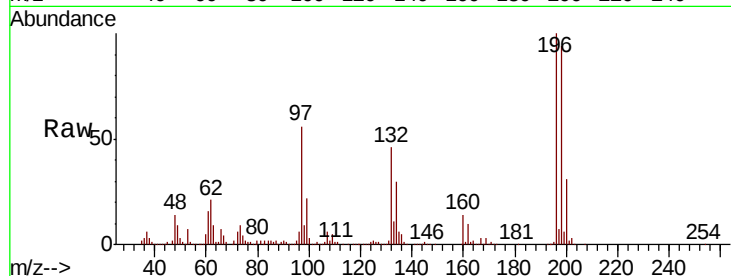




#43
 2,4,6-Trichlorophenol
 Concen: 40.608 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF111214.D
 Acq: 8 Dec 2018 4:18

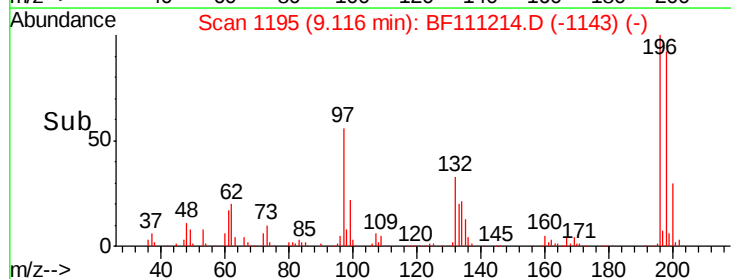
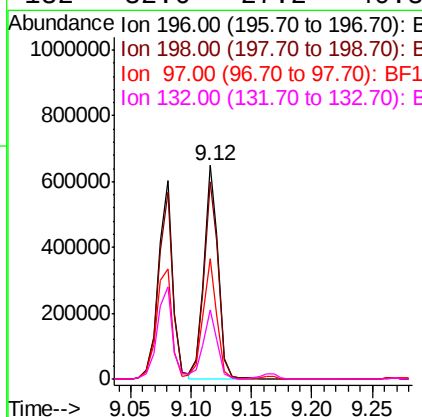
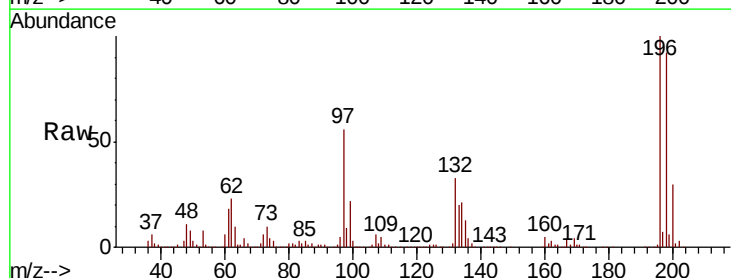
Instrument :
 BNA_F
 ClientSampleId :
 PB115402BSD

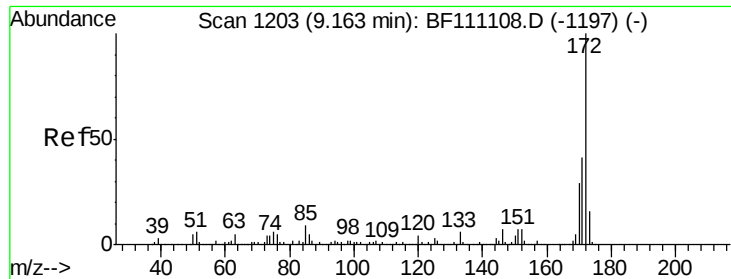
Tgt Ion:196 Resp: 498757
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.4 113.0
 200 30.7 24.2 36.4



#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

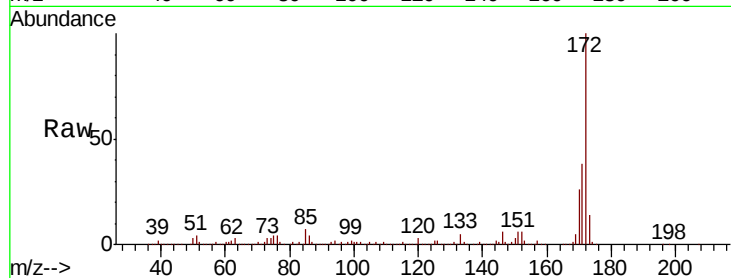




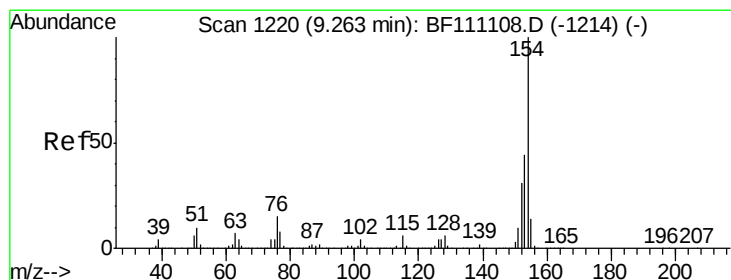
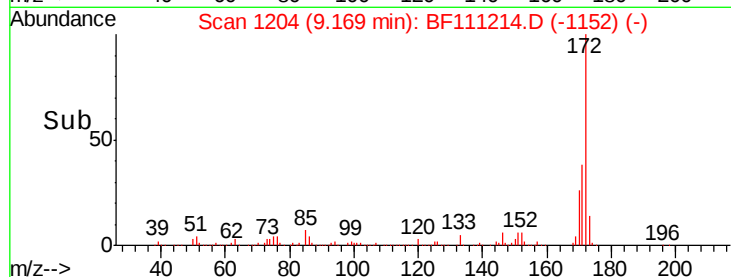
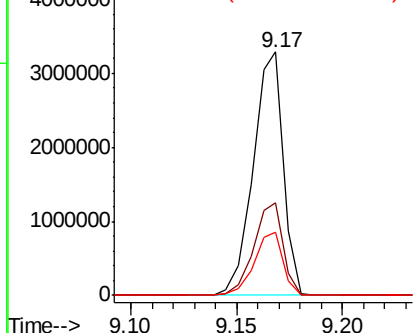
#45
 2-Fluorobiphenyl
 Concen: 97.431 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF111214.D
 Acq: 8 Dec 2018 4:18

Instrument :
 BNA_F
 ClientSampleId :
 PB115402BSD

Tgt Ion:172 Resp: 3249509
 Ion Ratio Lower Upper
 172 100
 171 38.2 33.2 49.8
 170 26.0 22.9 34.3

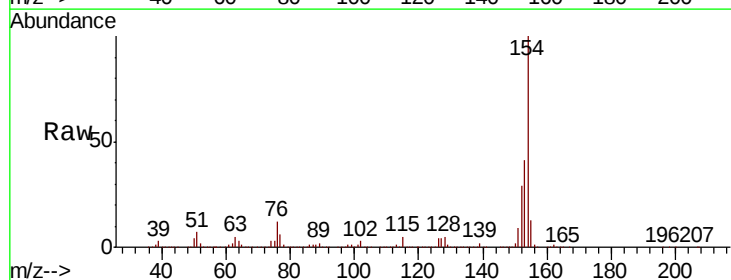


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

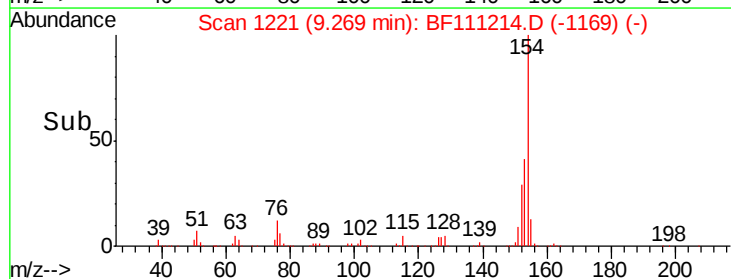
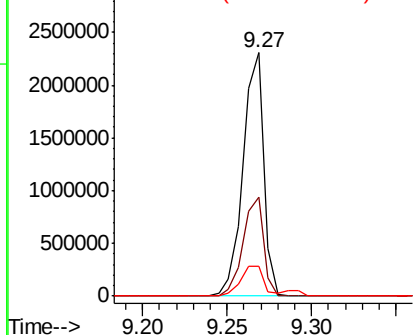


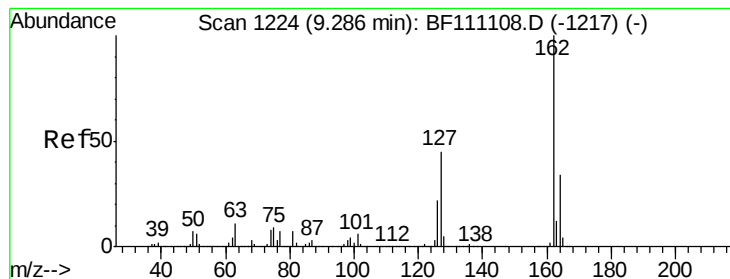
#46
 1,1'-Biphenyl
 Concen: 38.258 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.01 min
 Lab File: BF111214.D
 Acq: 8 Dec 2018 4:18

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

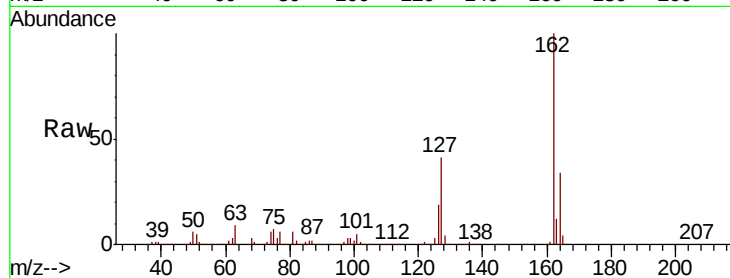
Tgt Ion: 162 Resp: 1536071

Ion Ratio Lower Upper

162 100

127 41.2 36.4 54.6

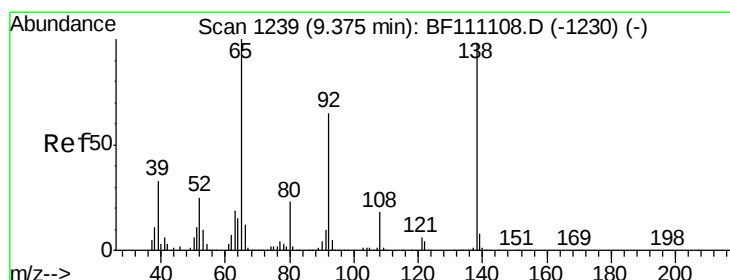
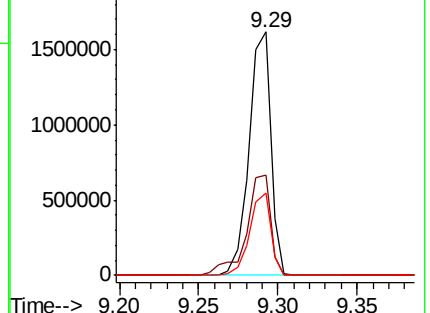
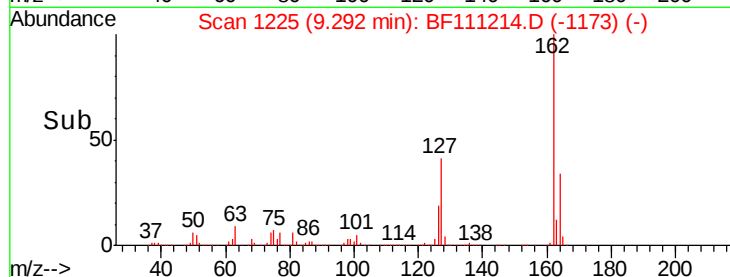
164 33.7 27.3 40.9



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

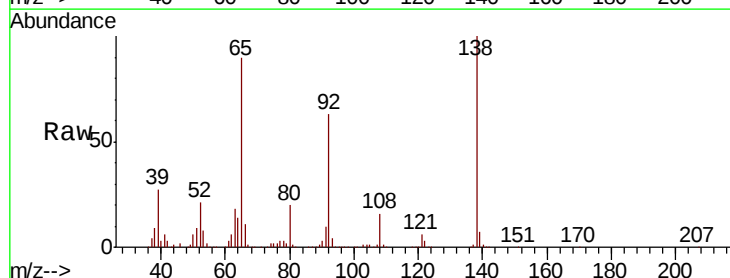
Tgt Ion: 65 Resp: 525771

Ion Ratio Lower Upper

65 100

92 69.8 52.1 78.1

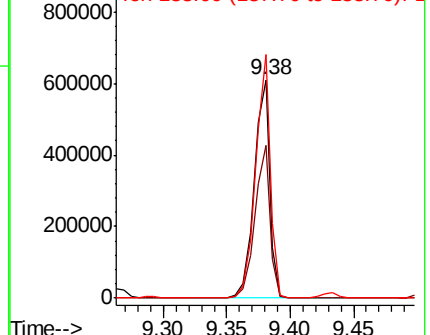
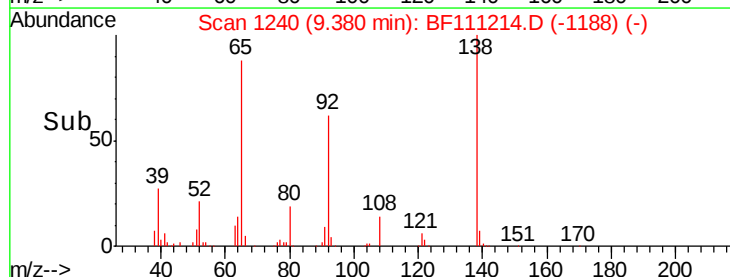
138 111.7 78.2 117.4

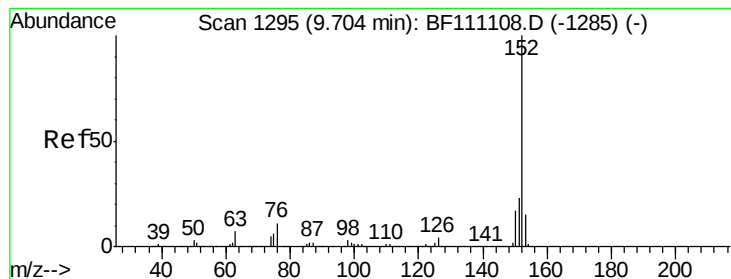


Abundance Ion 65.00 (64.70 to 65.70): BF1

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

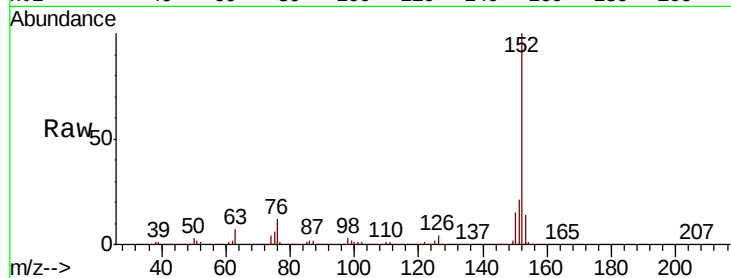
Tgt Ion:152 Resp: 2464722

Ion Ratio Lower Upper

152 100

151 21.0 18.3 27.5

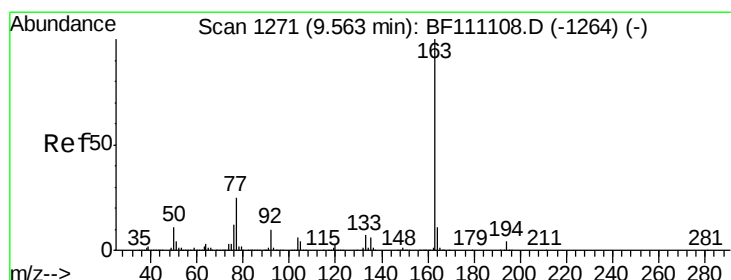
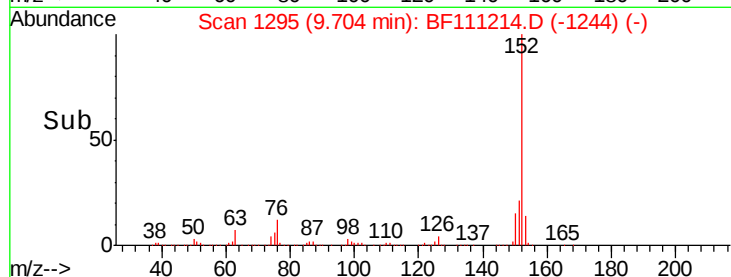
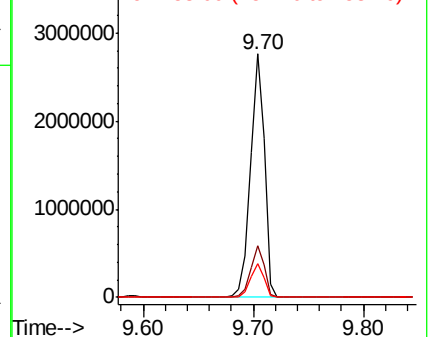
153 13.6 11.8 17.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#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

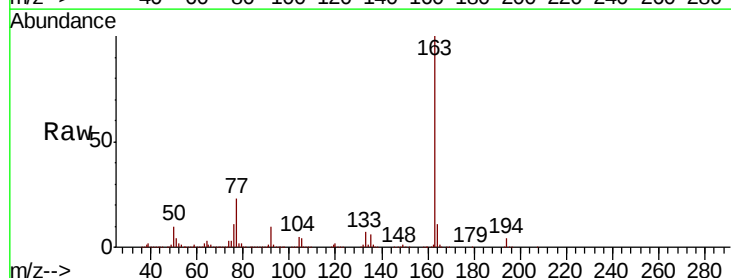
Tgt Ion:163 Resp: 1923368

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

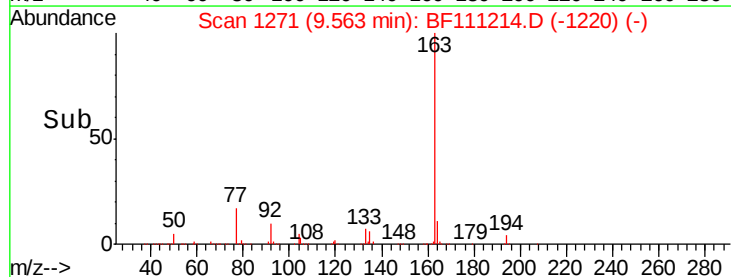
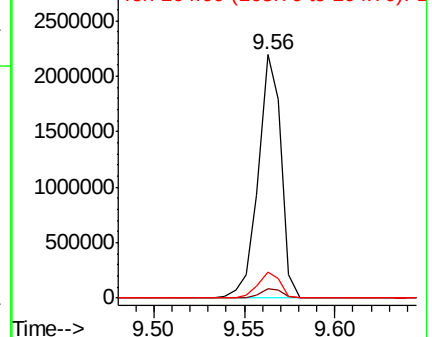
164 10.7 8.9 13.3

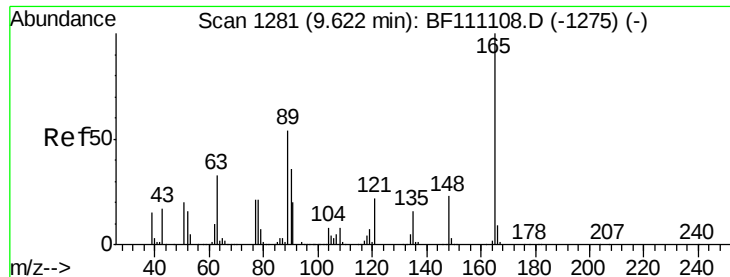


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

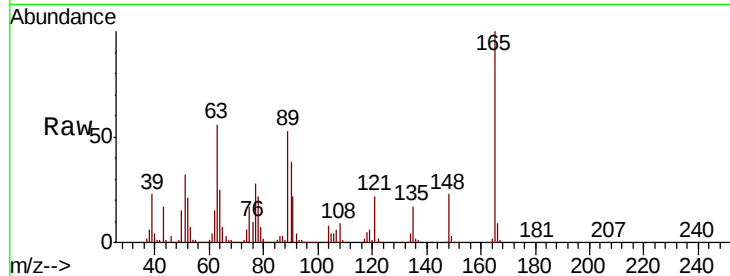




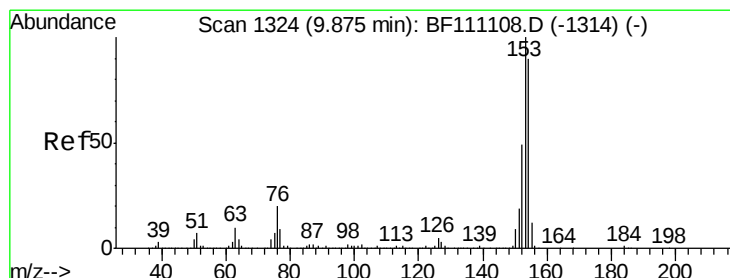
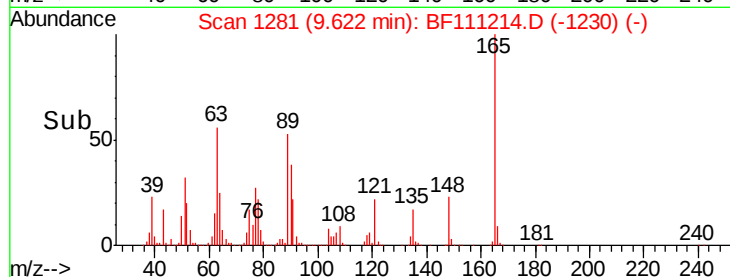
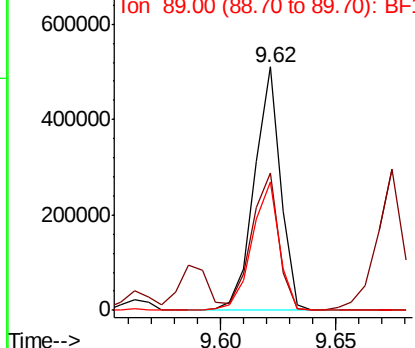
#51
 2,6-Dinitrotoluene
 Concen: 43.628 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BF111214.D
 Acq: 8 Dec 2018 4:18

Instrument :
 BNA_F
 ClientSampleId :
 PB115402BSD

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

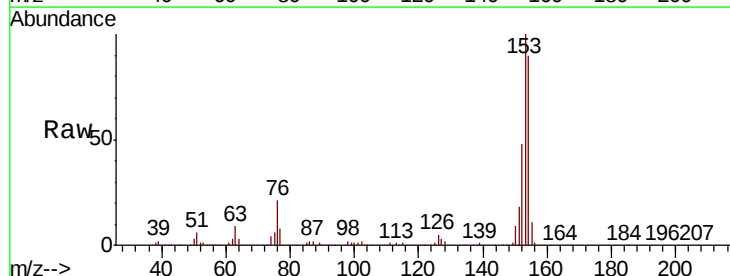


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

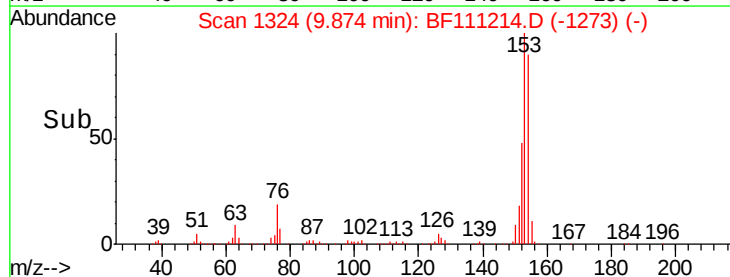
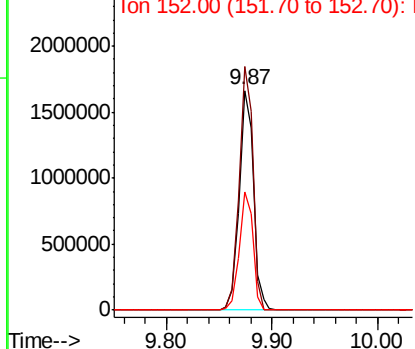


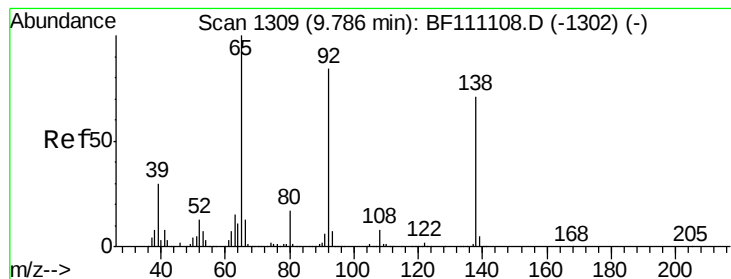
#52
 Acenaphthene
 Concen: 41.256 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF111214.D
 Acq: 8 Dec 2018 4:18

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

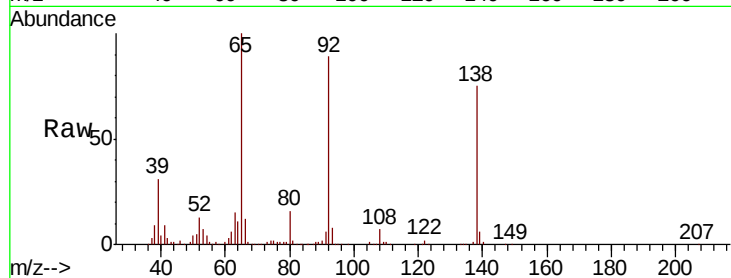
Tgt Ion:138 Resp: 193828

Ion Ratio Lower Upper

138 100

108 9.7 9.4 14.0

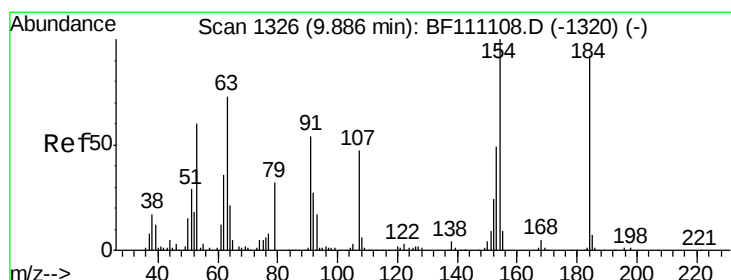
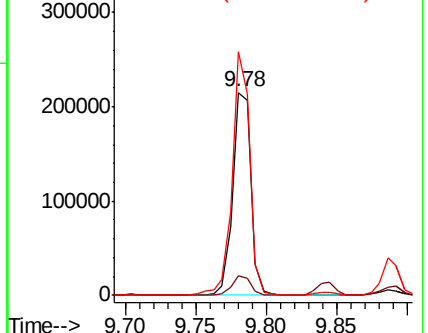
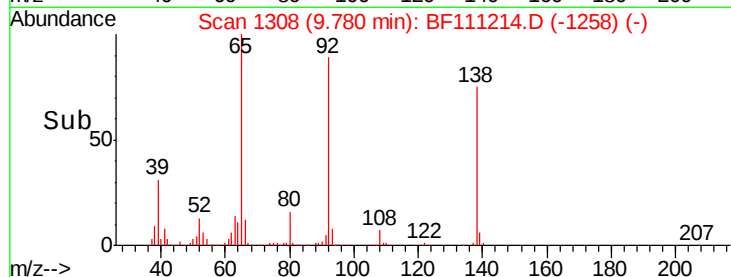
92 119.9 94.1 141.1



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

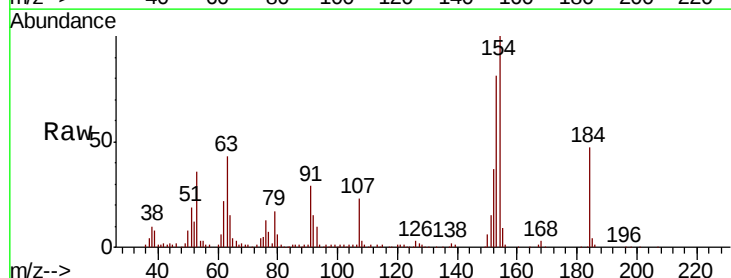
Tgt Ion:184 Resp: 113277

Ion Ratio Lower Upper

184 100

63 91.2 64.2 96.4

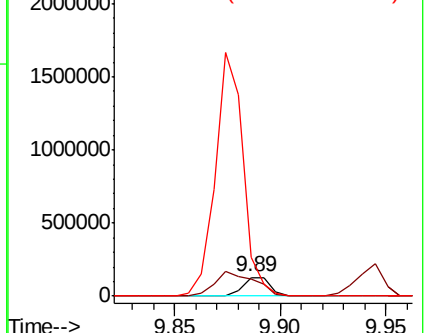
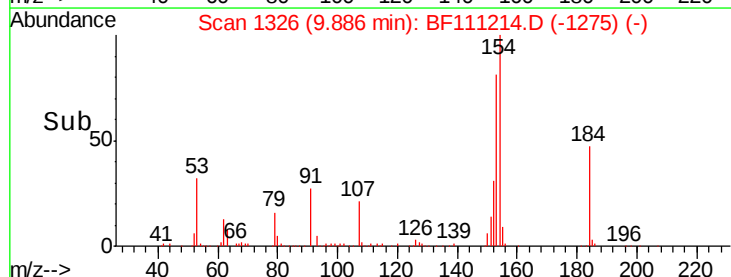
154 211.7 89.5 134.3#

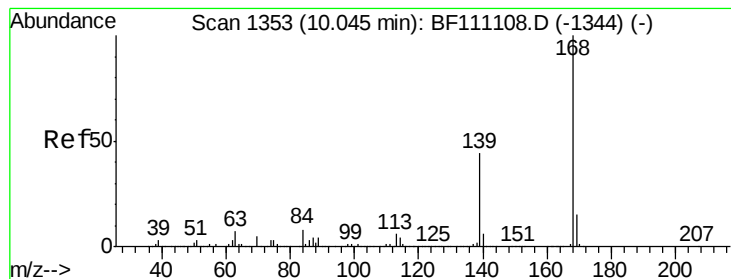


Abundance Ion 184.00 (183.70 to 184.70): E

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

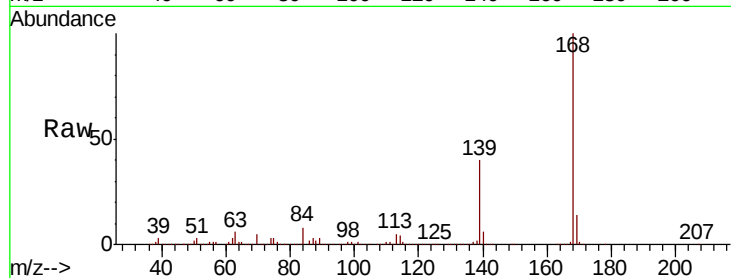
Tgt Ion:168 Resp: 2331320

Ion Ratio Lower Upper

168 100

139 39.8 35.1 52.7

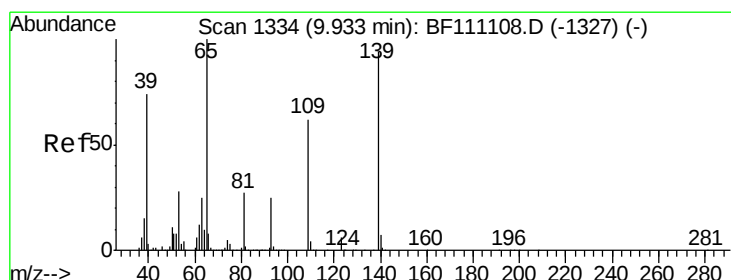
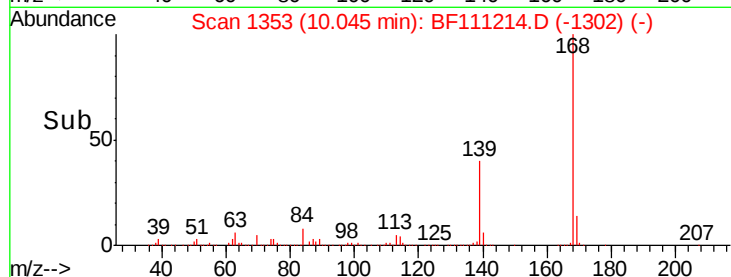
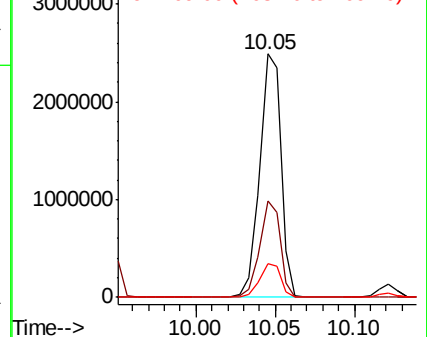
169 14.1 12.2 18.4



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

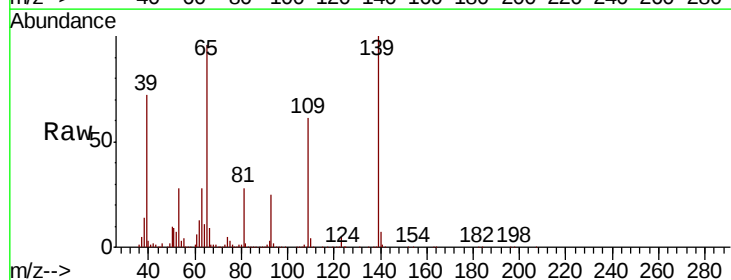
Tgt Ion:139 Resp: 705460

Ion Ratio Lower Upper

139 100

109 60.5 46.1 86.1

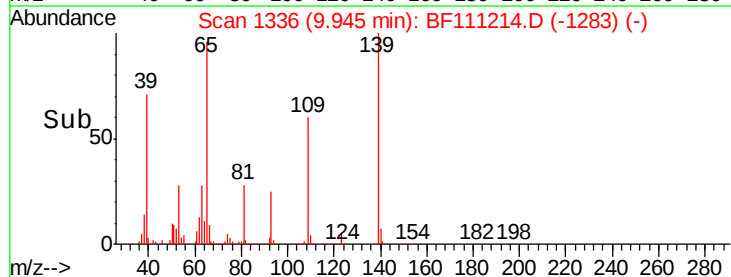
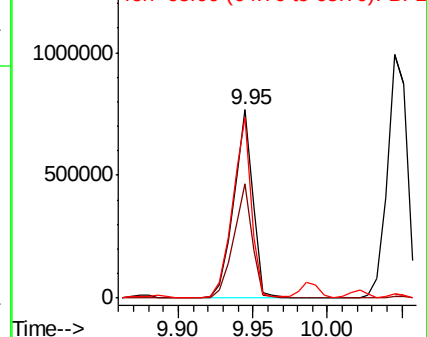
65 96.2 87.0 127.0

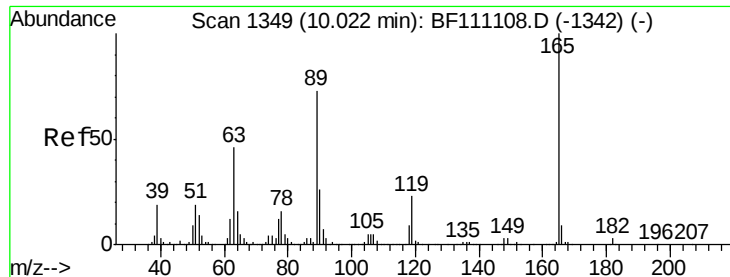


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

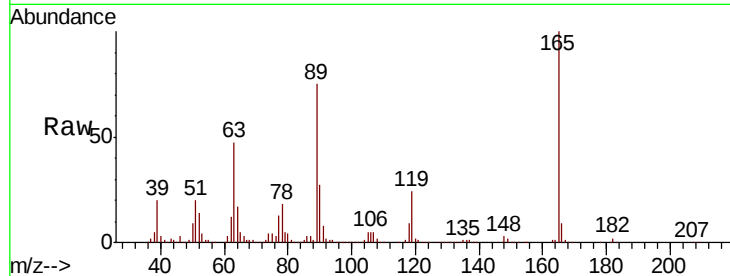




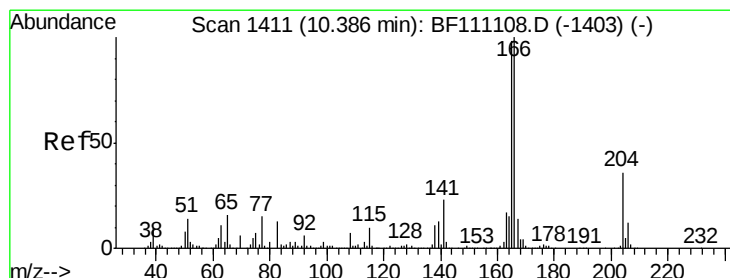
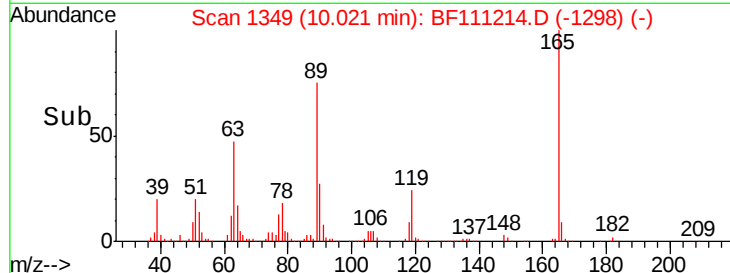
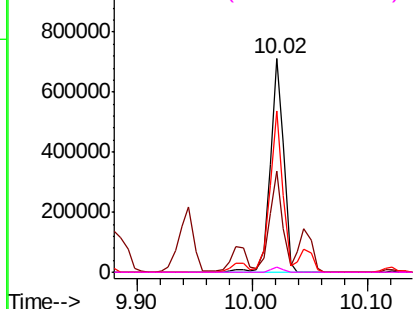
#57
2,4-Dinitrotoluene
Concen: 48.289 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

Instrument :
BNA_F
ClientSampleId :
PB115402BSD

Tgt 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

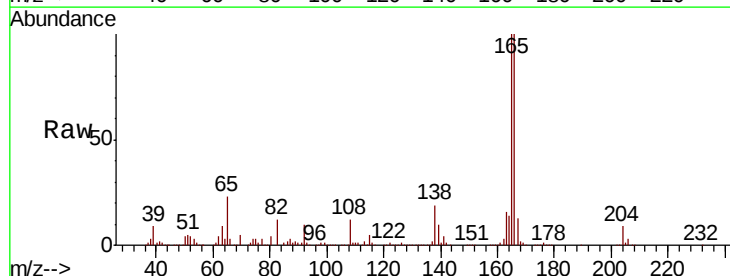


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

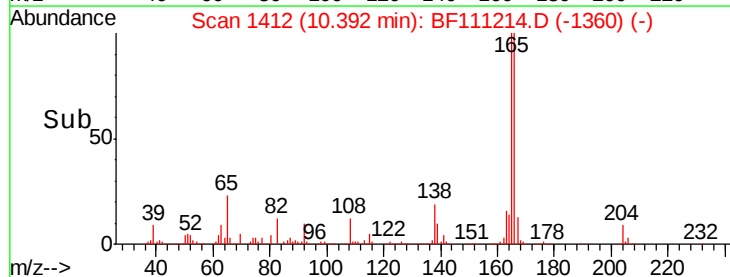
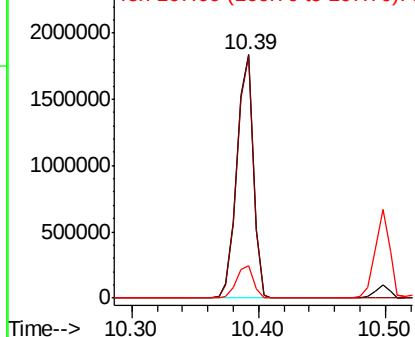


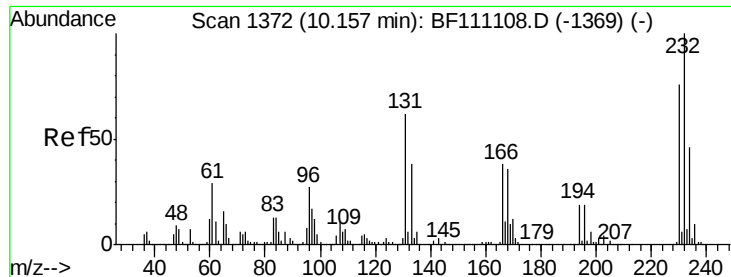
#58
Fluorene
Concen: 45.135 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

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

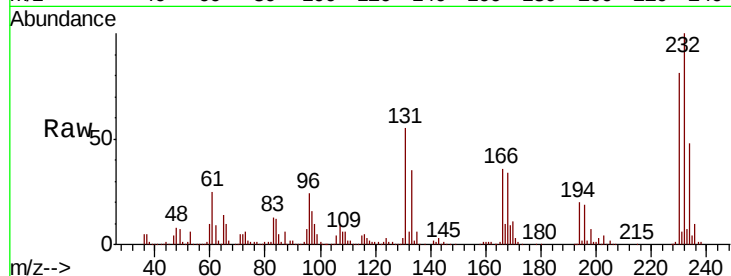




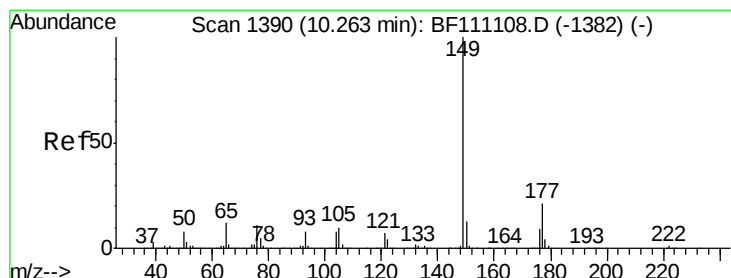
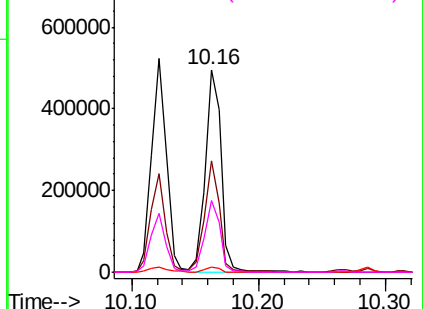
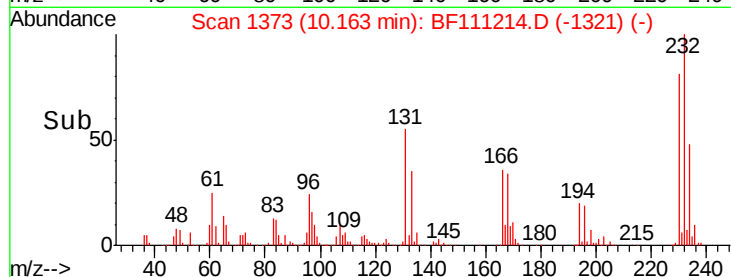
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.233 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

Instrument :
BNA_F
ClientSampleId :
PB115402BSD

Tgt 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

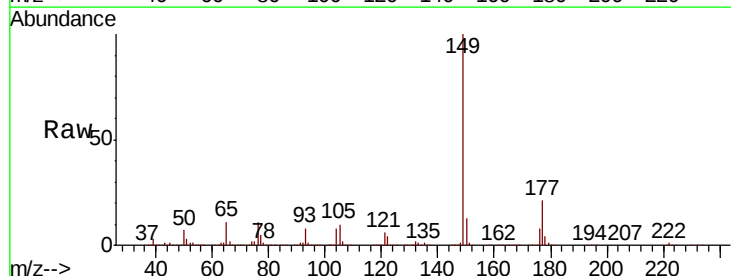


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

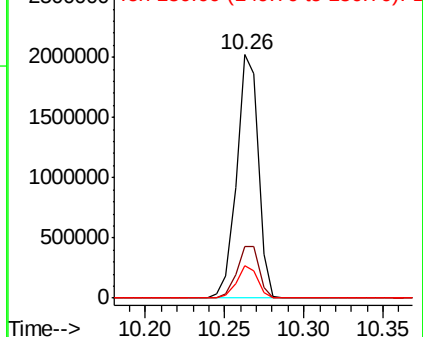
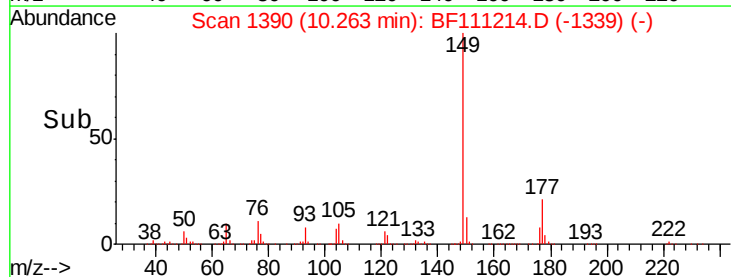


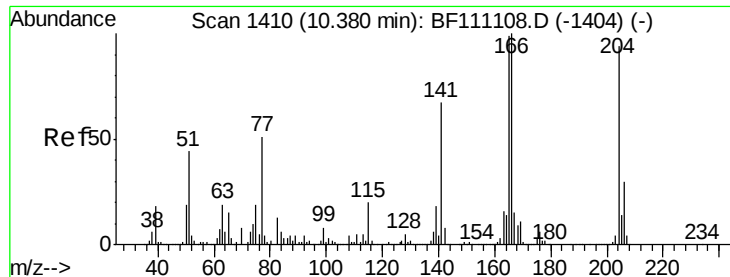
#60
Diethylphthalate
Concen: 43.571 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

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

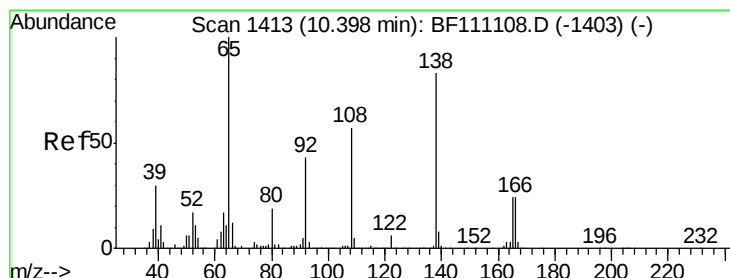
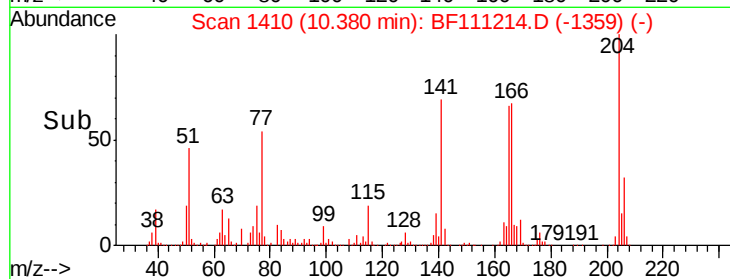
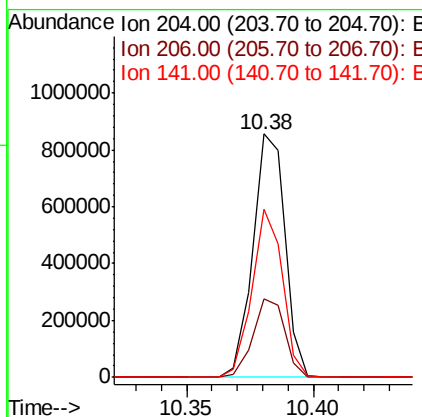
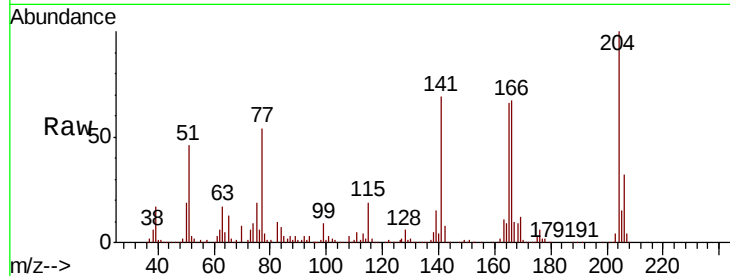




#61
 4-Chlorophenyl-phenylether
 Concen: 42.911 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: BF111214.D
 Acq: 8 Dec 2018 4:18

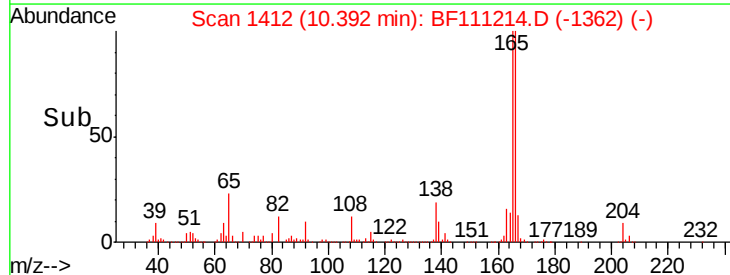
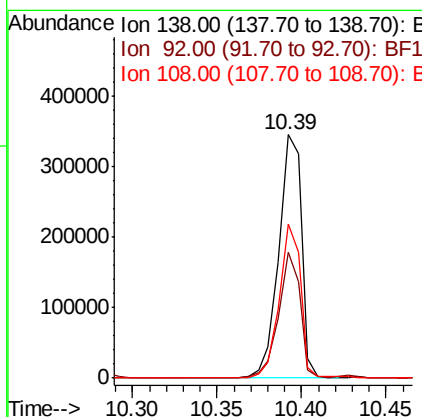
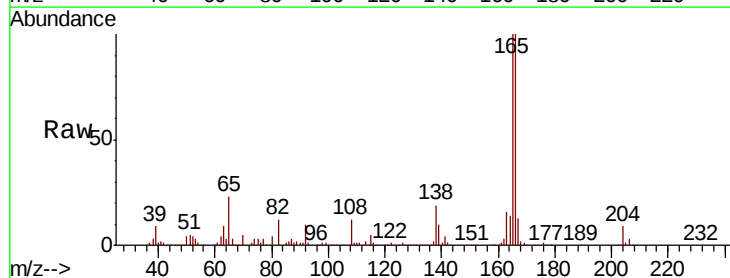
Instrument :
 BNA_F
 ClientSampleId :
 PB115402BSD

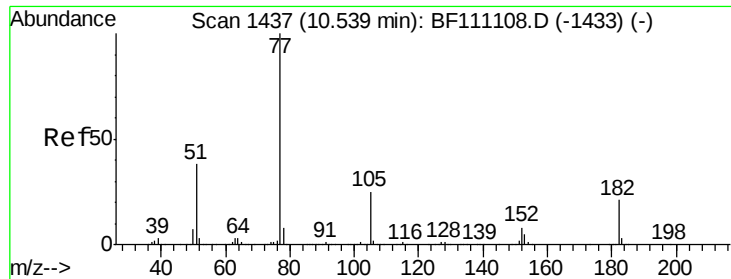
Tgt Ion: 204 Resp: 761310
 Ion Ratio Lower Upper
 204 100
 206 32.4 25.9 38.9
 141 69.2 57.4 86.0



#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

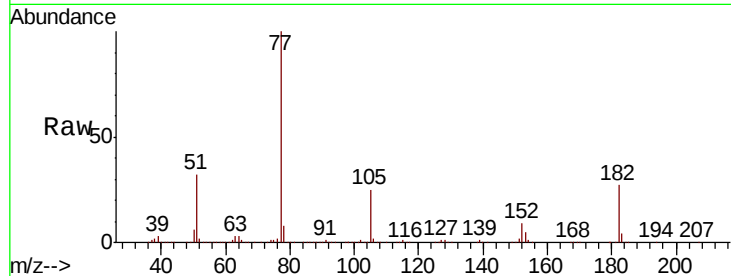




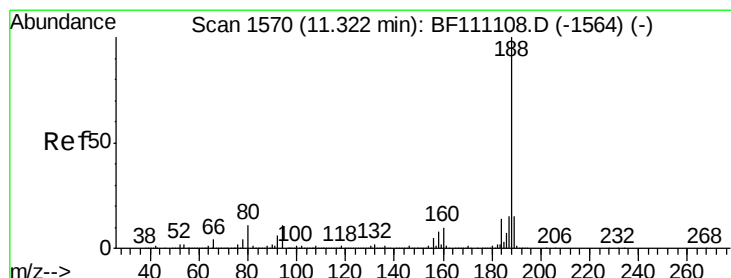
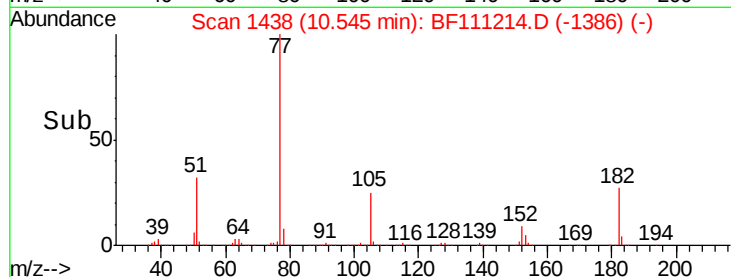
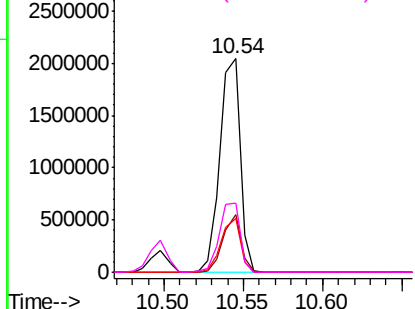
#63
Azobenzene
Concen: 38.942 ng
RT: 10.54 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

Instrument :
BNA_F
ClientSampleId :
PB115402BSD

Tgt 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

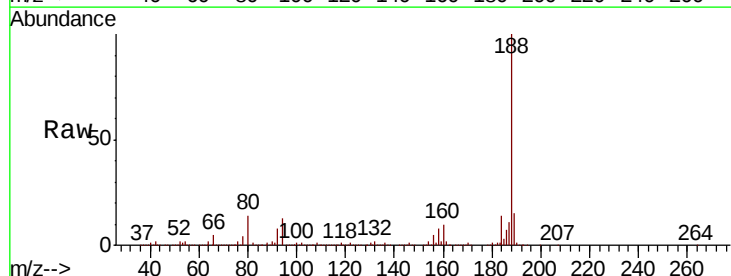


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

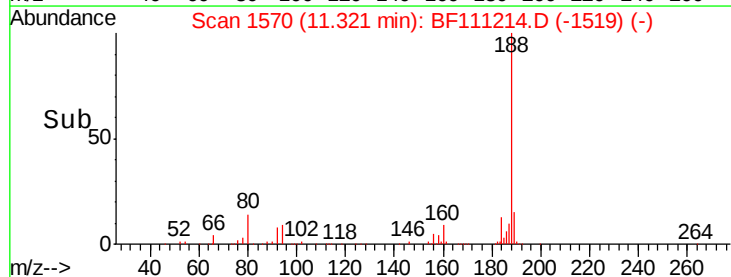
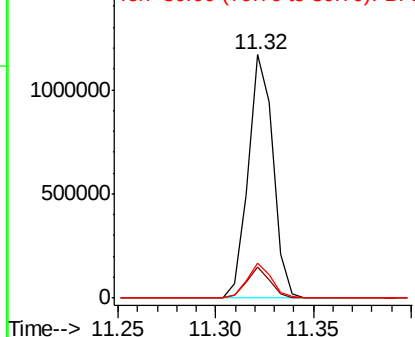


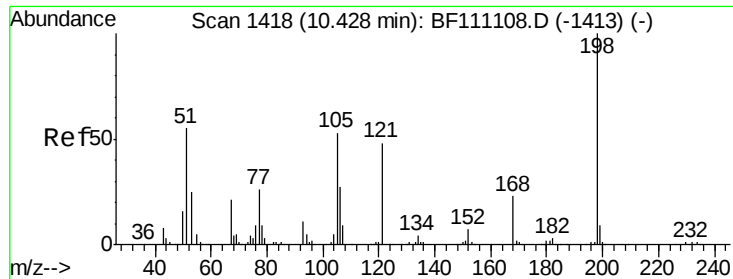
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

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

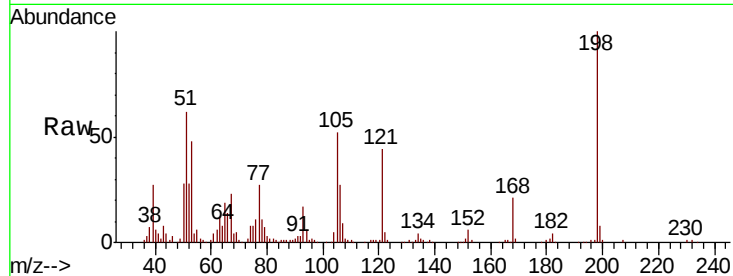




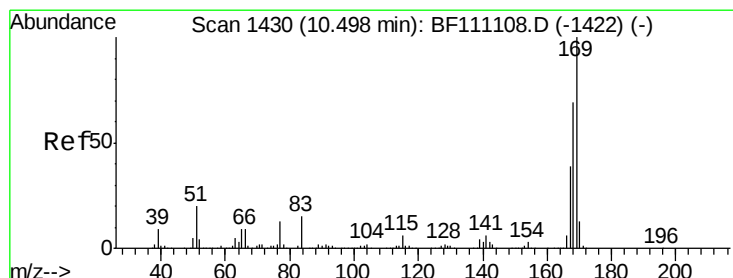
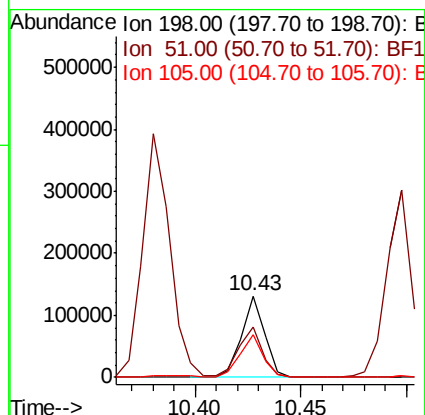
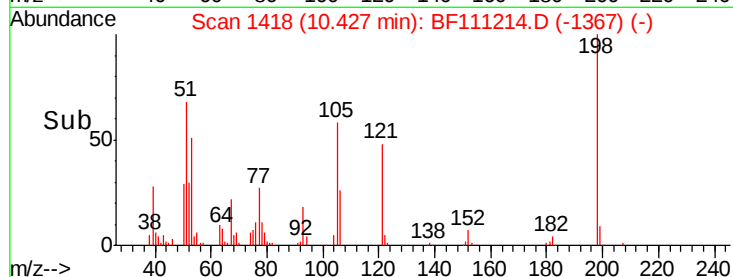
#65
 4,6-Dinitro-2-methylphenol
 Concen: 23.217 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: BF111214.D
 Acq: 8 Dec 2018 4:18

Instrument :
 BNA_F
 ClientSampleId :
 PB115402BSD

Tgt Ion:198 Resp: 98598
 Ion Ratio Lower Upper
 198 100
 51 61.9 48.8 88.8
 105 52.3 35.2 75.2

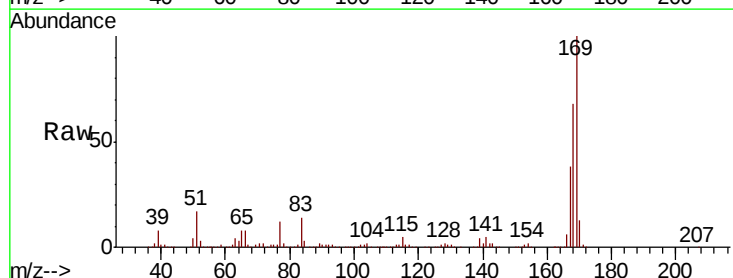


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

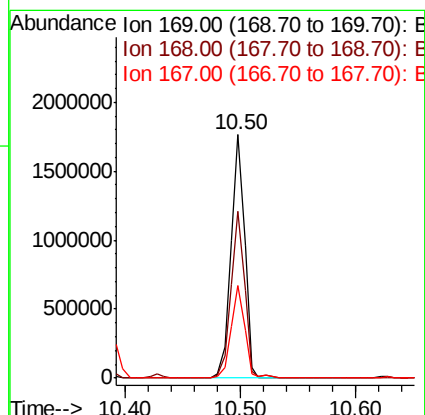
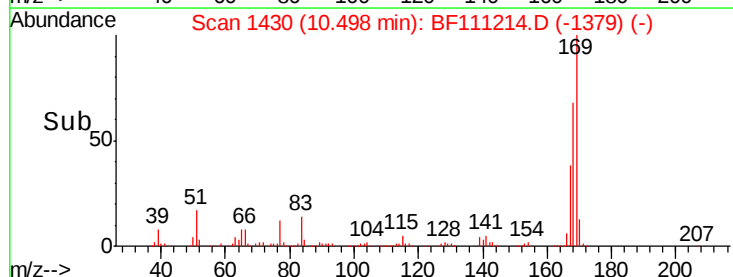


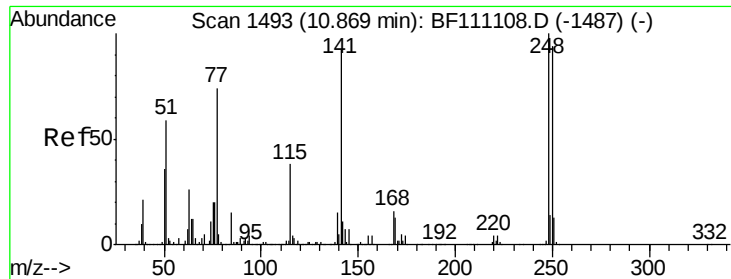
#66
 n-Nitrosodiphenylamine
 Concen: 39.944 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.00 min
 Lab File: BF111214.D
 Acq: 8 Dec 2018 4:18

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

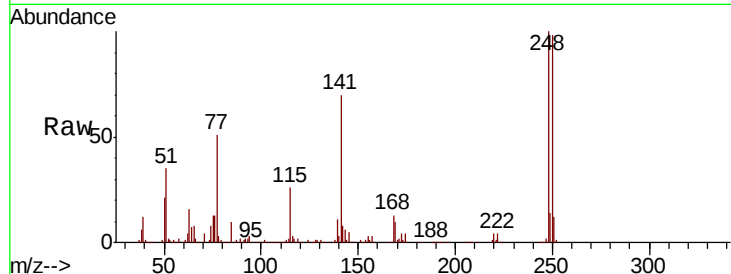




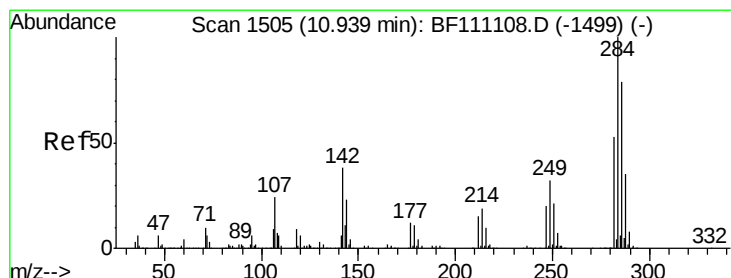
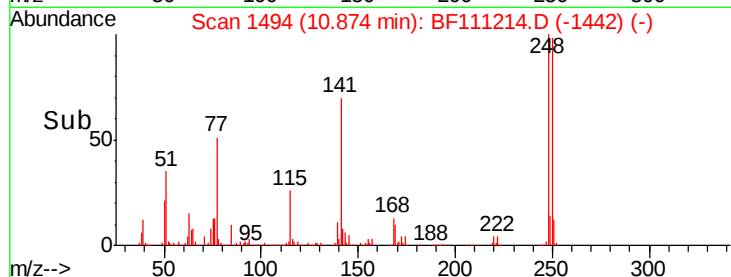
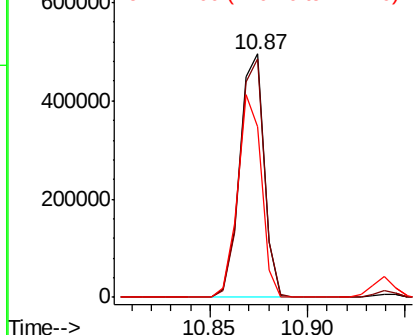
#67
4-Bromophenyl-phenylether
Concen: 39.545 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

Instrument :
BNA_F
ClientSampleId :
PB115402BSD

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

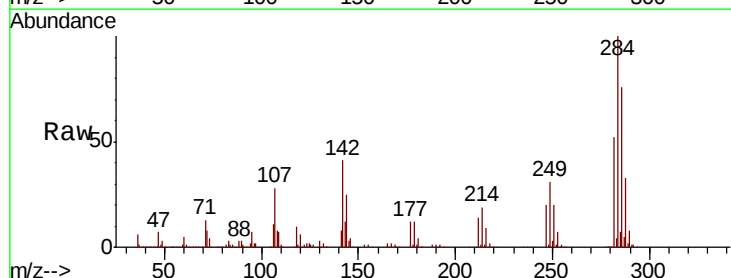


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

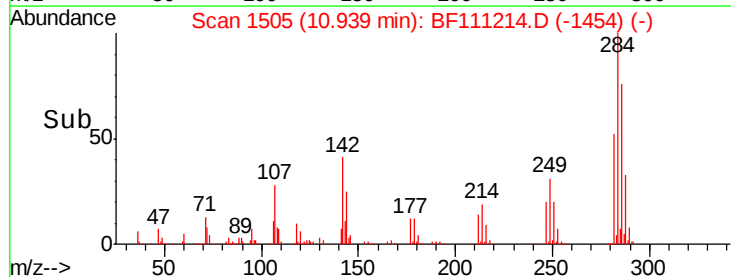
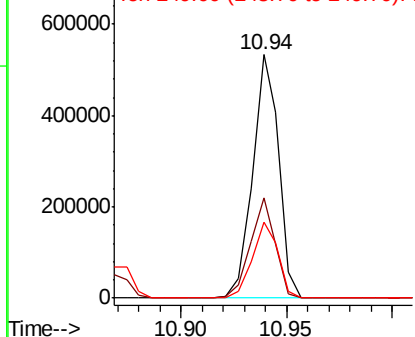


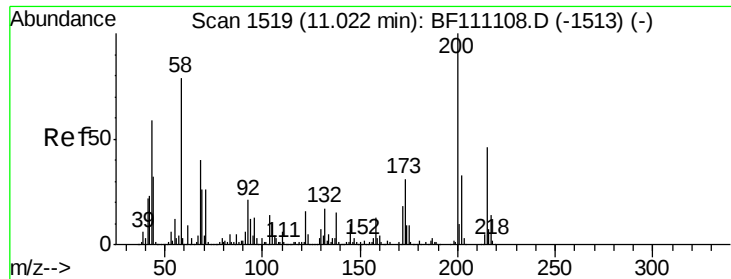
#68
Hexachlorobenzene
Concen: 40.899 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

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



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#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

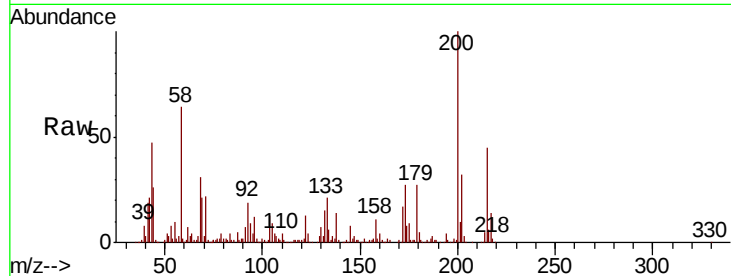
Tgt Ion:200 Resp: 437952

Ion Ratio Lower Upper

200 100

173 27.1 11.3 51.3

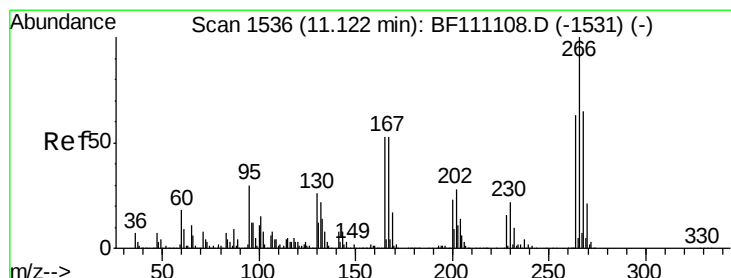
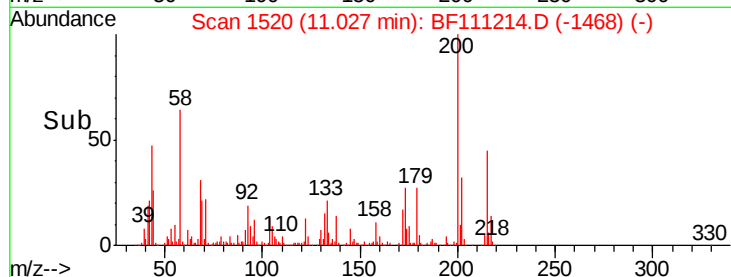
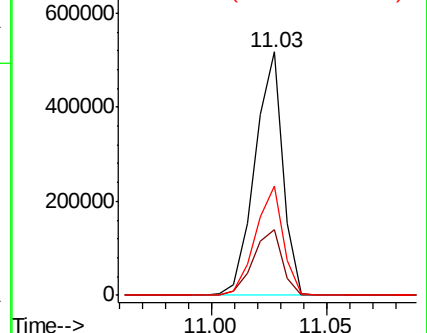
215 44.8 25.9 65.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#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

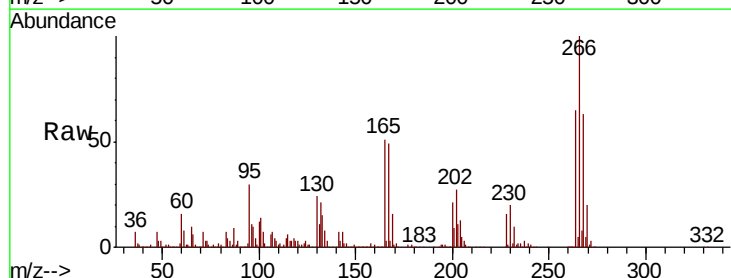
Tgt Ion:266 Resp: 510071

Ion Ratio Lower Upper

266 100

268 63.1 52.2 78.4

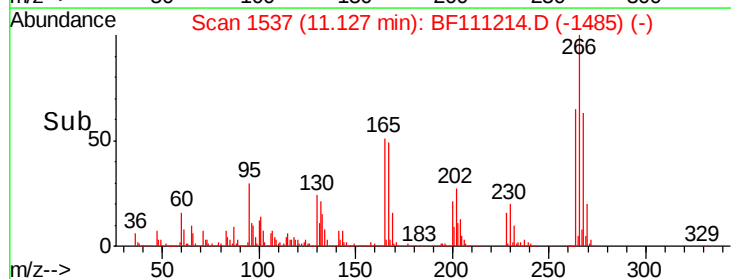
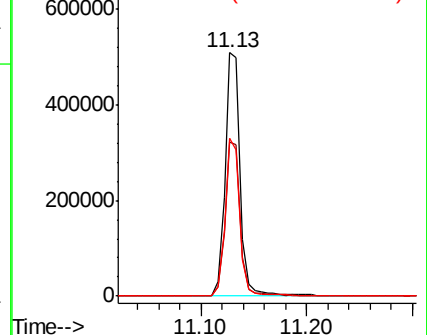
264 65.0 50.8 76.2

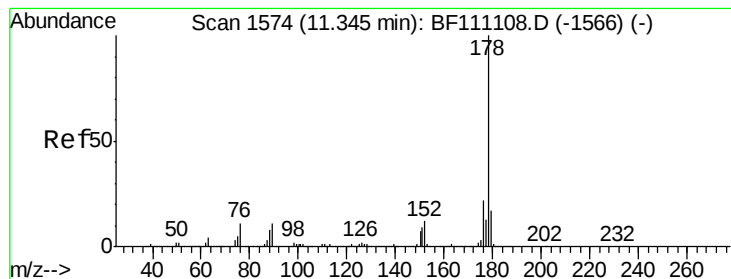


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#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

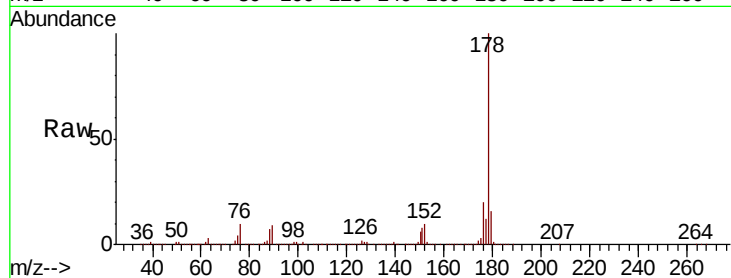
Tgt Ion:178 Resp: 2182724

Ion Ratio Lower Upper

178 100

176 20.5 17.7 26.5

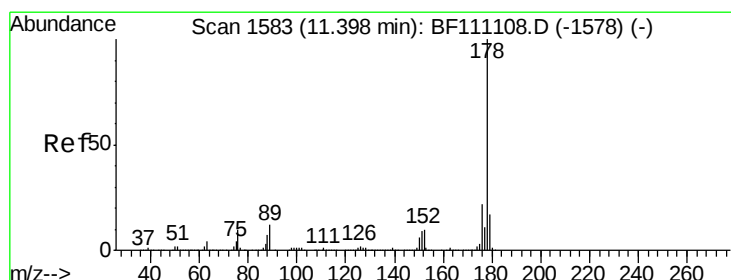
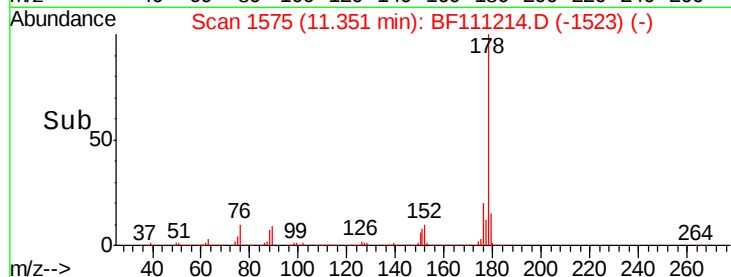
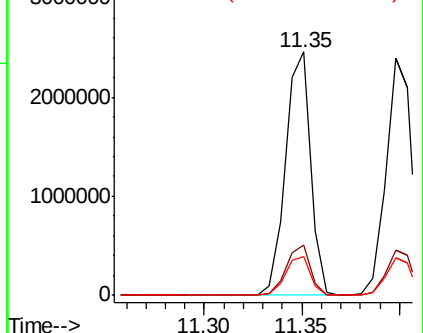
179 16.1 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#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

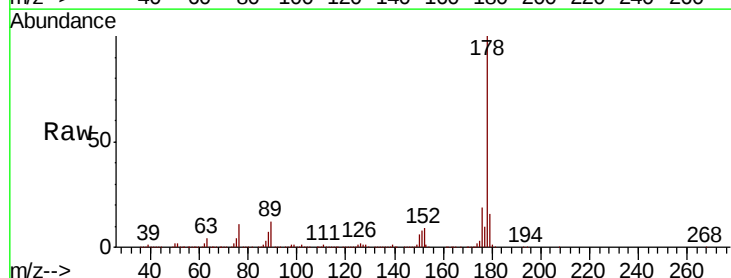
Tgt Ion:178 Resp: 2149600

Ion Ratio Lower Upper

178 100

176 19.1 17.3 25.9

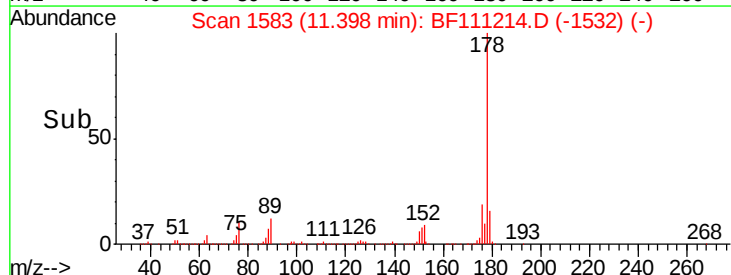
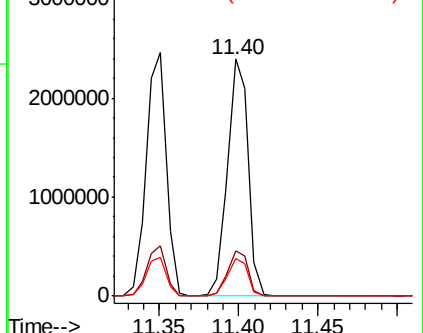
179 16.1 13.8 20.8

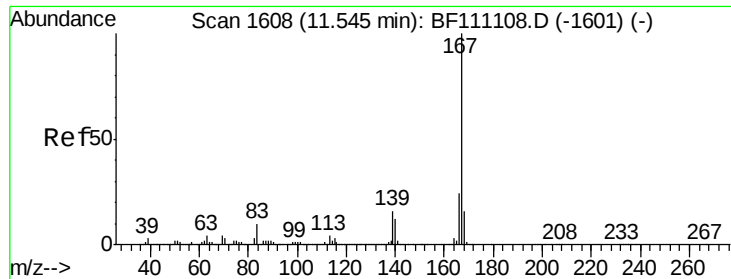


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

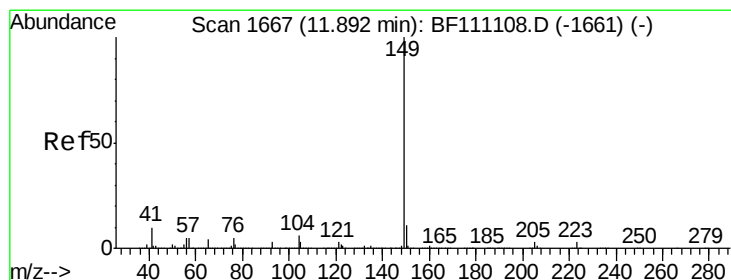
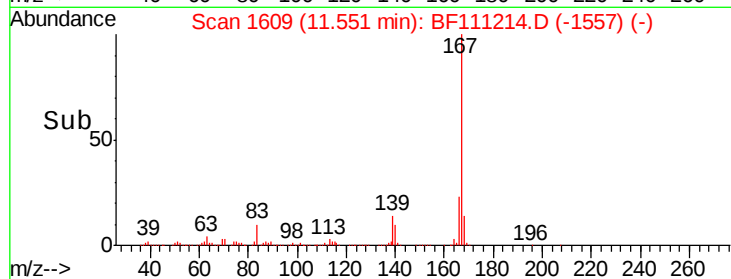
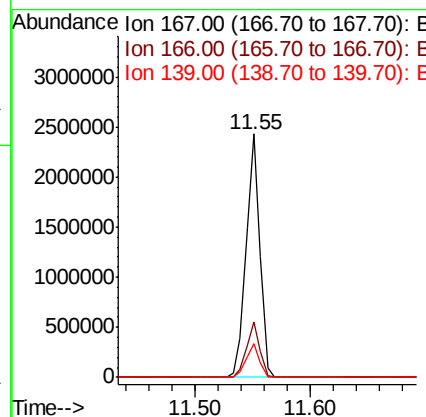
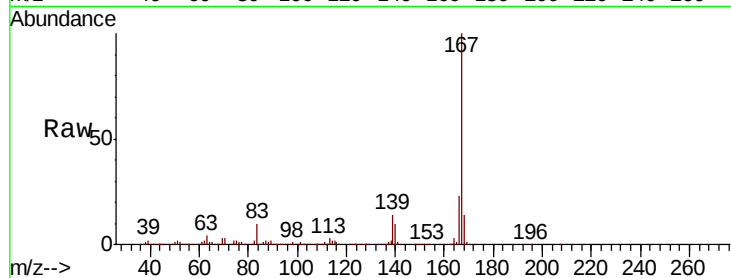




#73
 Carbazole
 Concen: 38.660 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111214.D
 Acq: 8 Dec 2018 4:18

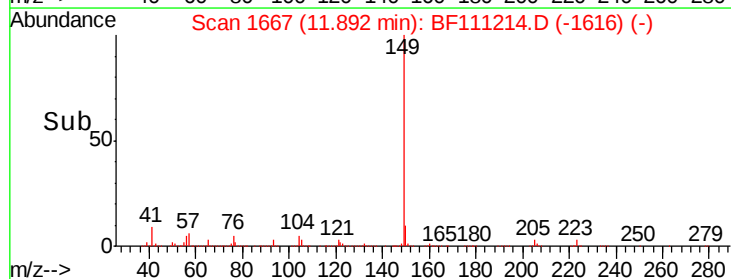
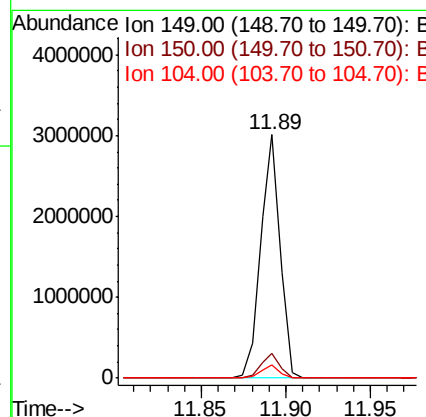
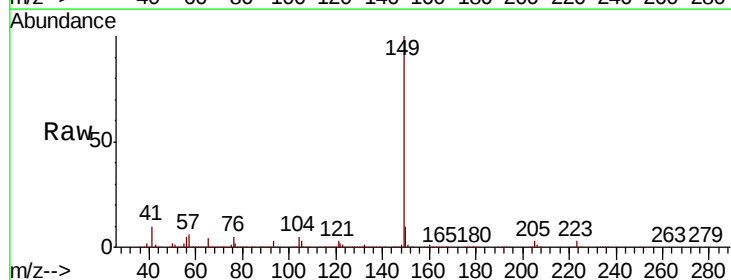
Instrument :
 BNA_F
 ClientSampleId :
 PB115402BSD

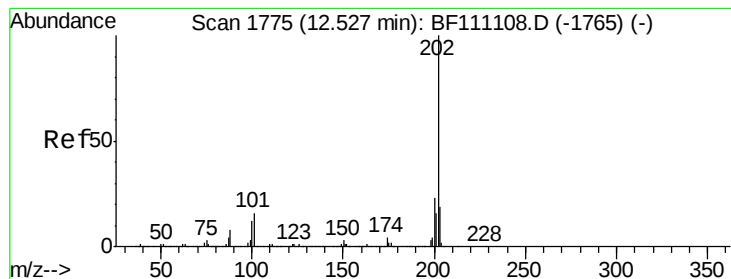
Tgt Ion:167 Resp: 2005017
 Ion Ratio Lower Upper
 167 100
 166 22.7 19.4 29.0
 139 13.9 12.6 18.8



#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

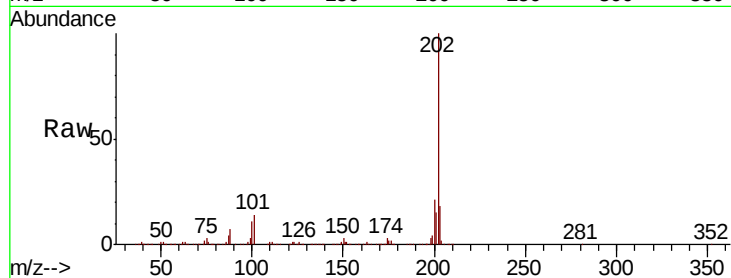
Tgt Ion:202 Resp: 1712575

Ion Ratio Lower Upper

202 100

101 14.1 0.0 35.8

203 18.2 0.0 38.6

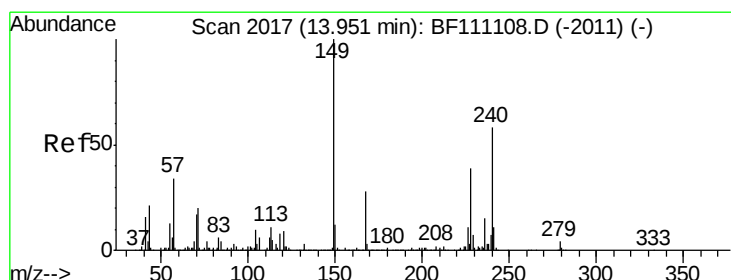
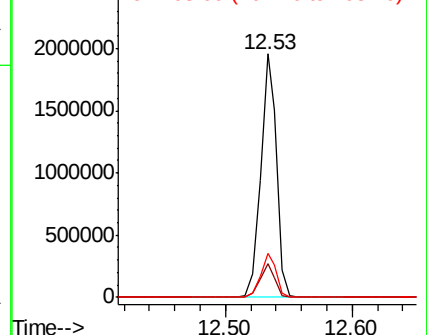
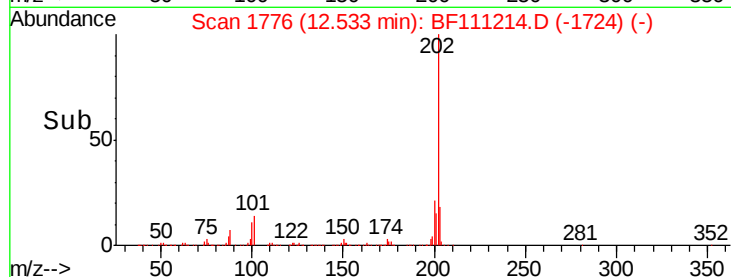


Abundance

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

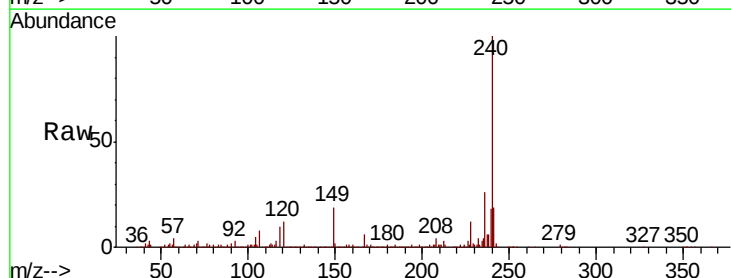
Tgt Ion:240 Resp: 597363

Ion Ratio Lower Upper

240 100

120 11.8 12.8 19.2#

236 26.2 21.1 31.7

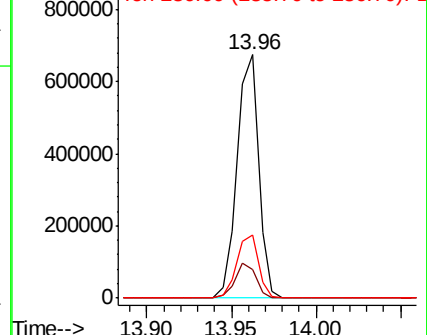
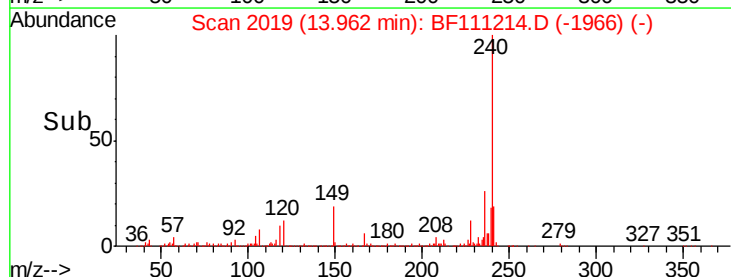


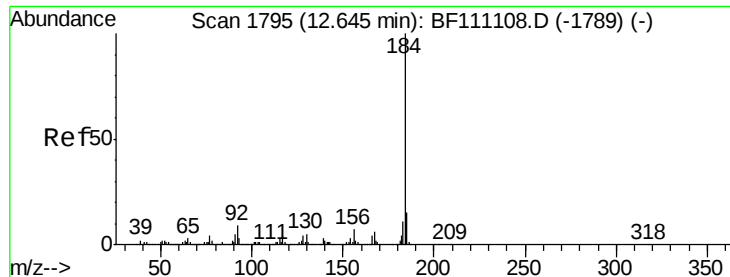
Abundance

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

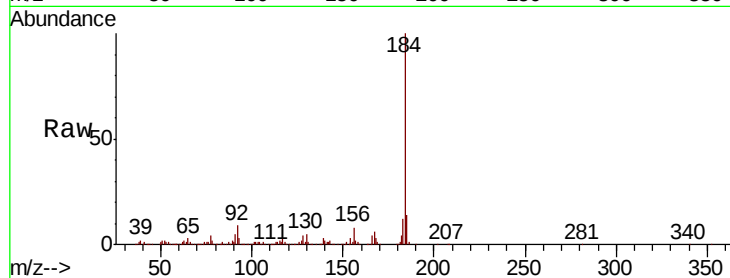
Tgt Ion:184 Resp: 784232

Ion Ratio Lower Upper

184 100

185 14.2 12.0 18.0

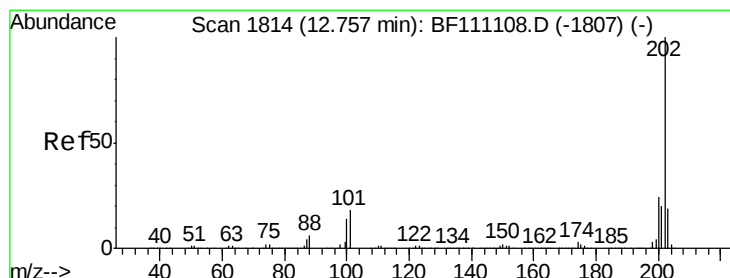
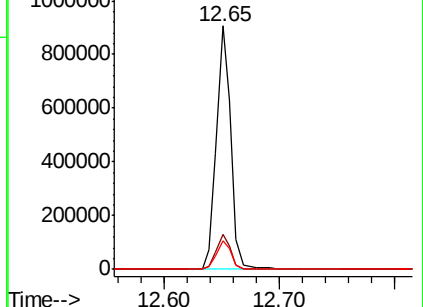
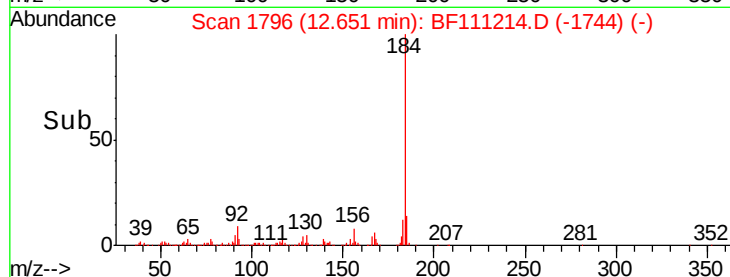
183 11.7 8.9 13.3



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

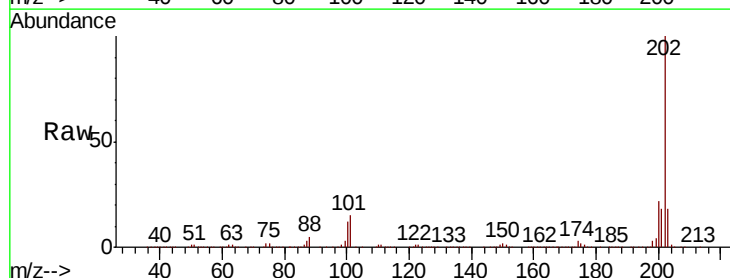
Tgt Ion:202 Resp: 1685281

Ion Ratio Lower Upper

202 100

200 21.7 19.3 28.9

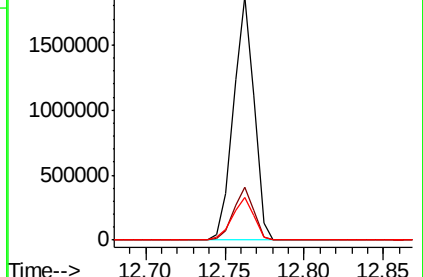
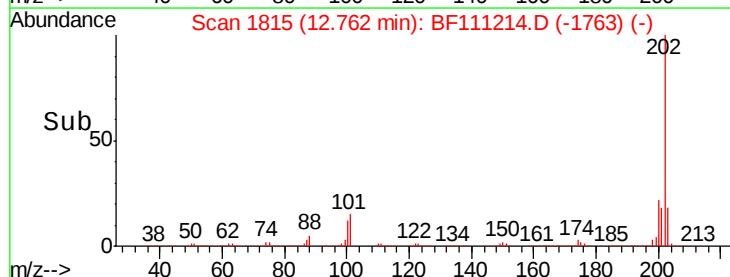
203 17.7 15.4 23.2

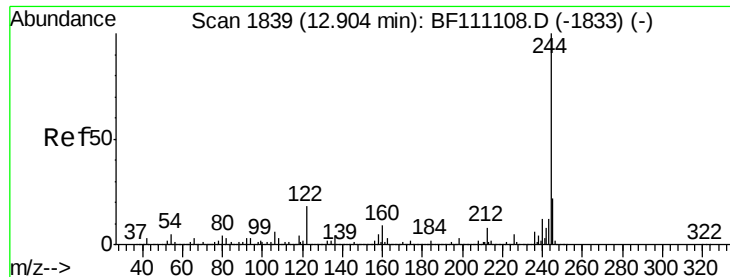


Abundance Ion 202.00 (201.70 to 202.70): E

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

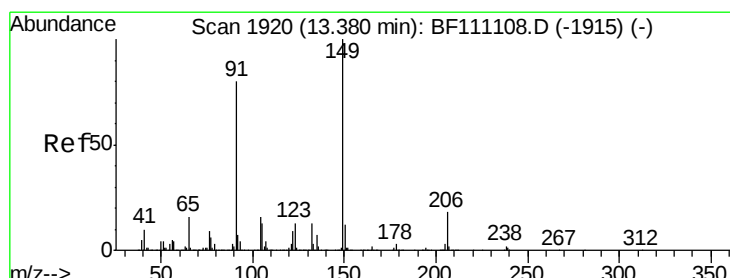
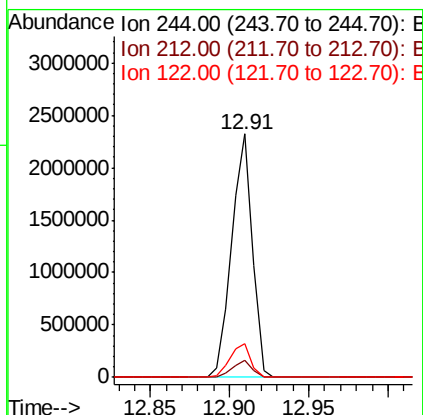
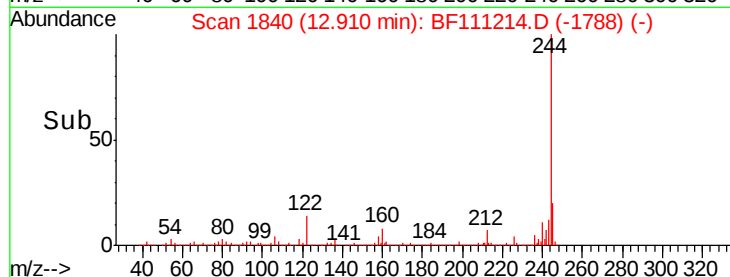
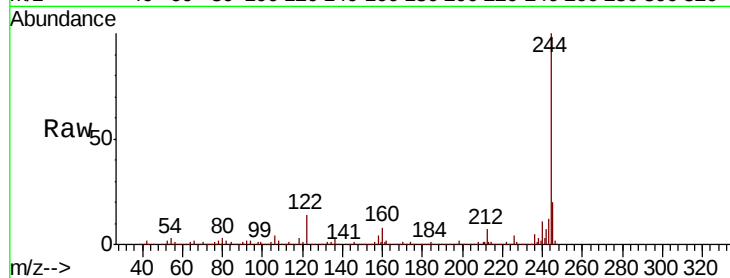
Tgt Ion:244 Resp: 2102921

Ion Ratio Lower Upper

244 100

212 6.9 6.6 9.8

122 13.9 14.2 21.2#



#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

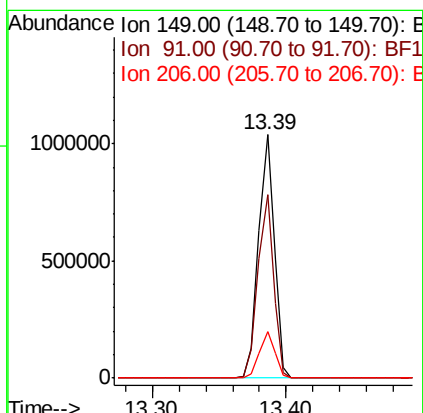
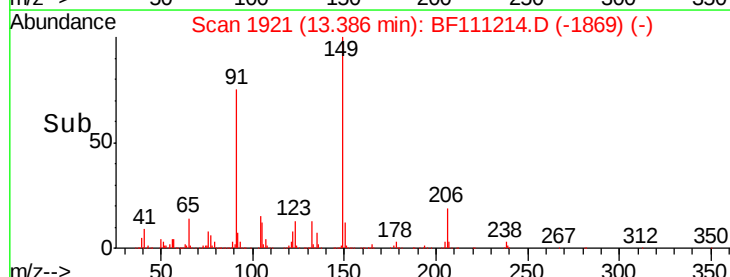
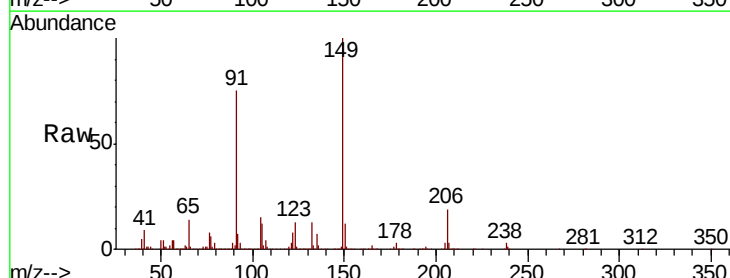
Tgt Ion:149 Resp: 835390

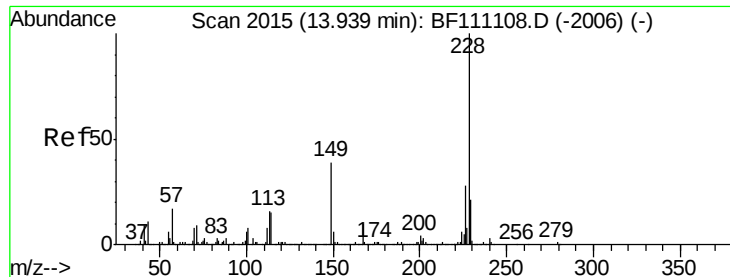
Ion Ratio Lower Upper

149 100

91 75.2 64.0 96.0

206 19.2 14.1 21.1

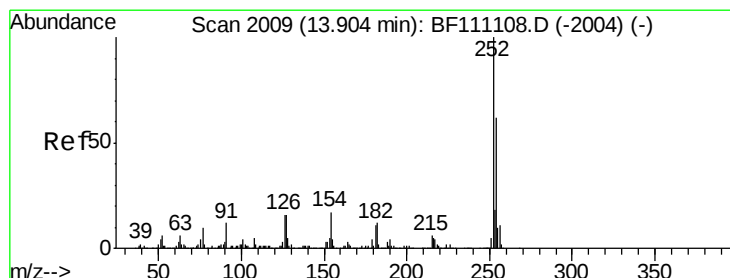
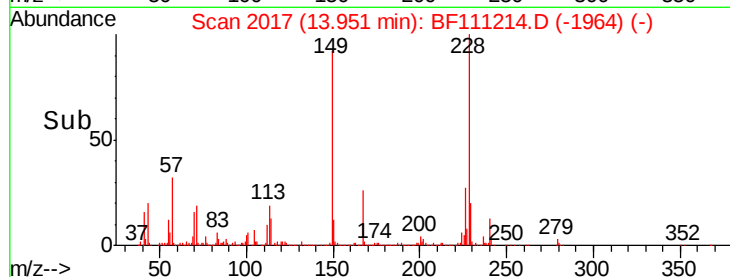
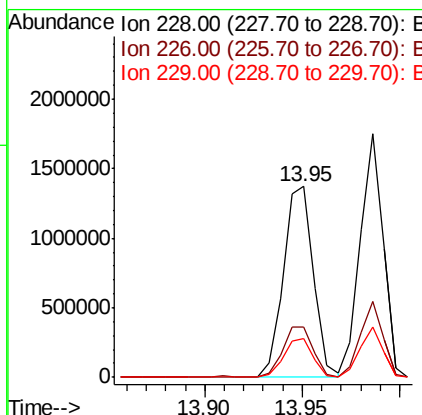
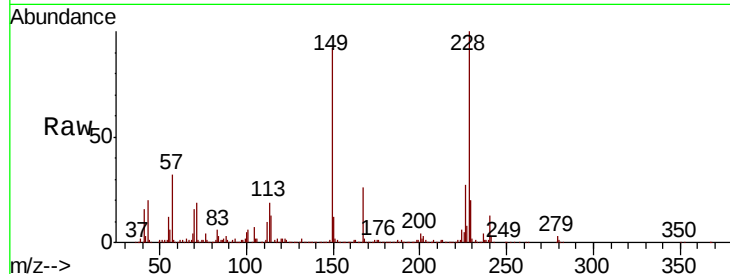




#81
Benzo(a)anthracene
Concen: 41.521 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

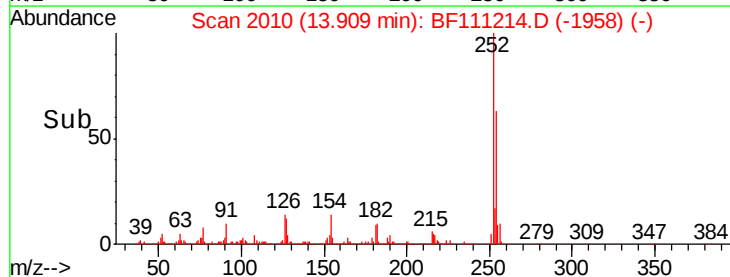
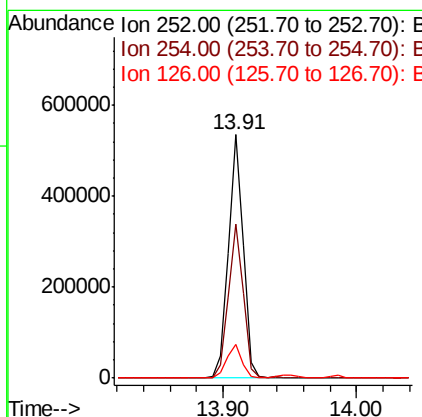
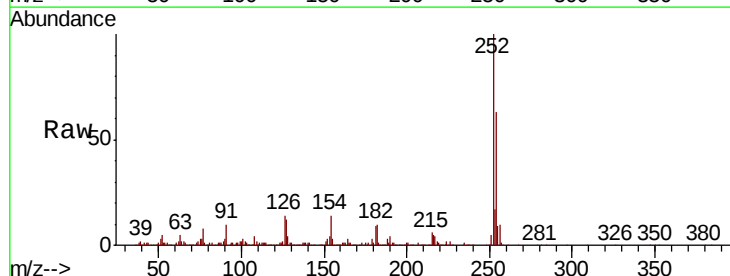
Instrument :
BNA_F
ClientSampleId :
PB115402BSD

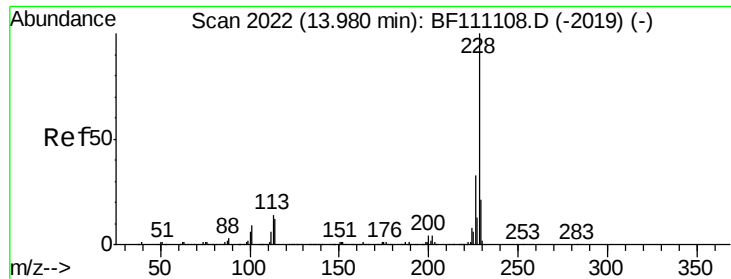
Tgt Ion:228 Resp: 1453230
Ion Ratio Lower Upper
228 100
226 26.8 22.6 34.0
229 20.1 16.7 25.1



#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

Chrysene

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

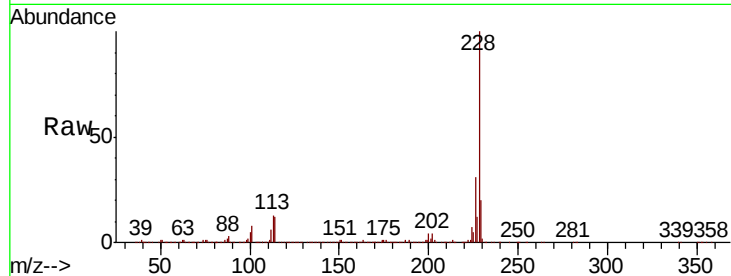
Tgt Ion:228 Resp: 1439575

Ion Ratio Lower Upper

228 100

226 31.0 26.2 39.2

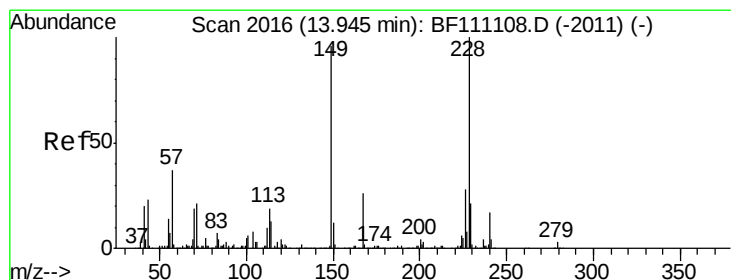
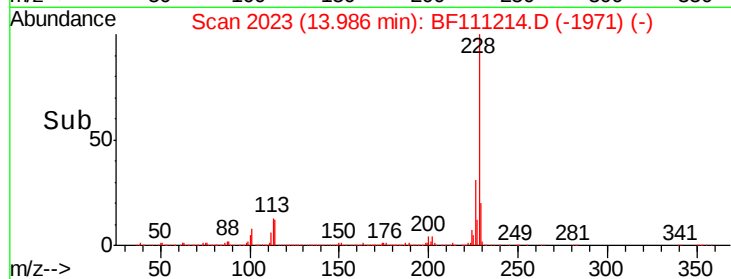
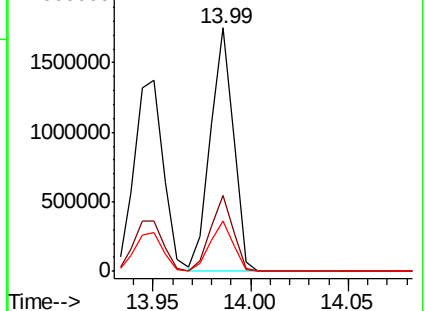
229 20.4 16.9 25.3



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

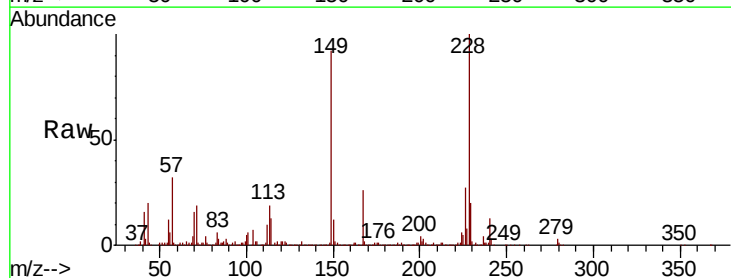
Tgt Ion:149 Resp: 1081247

Ion Ratio Lower Upper

149 100

167 27.7 21.6 32.4

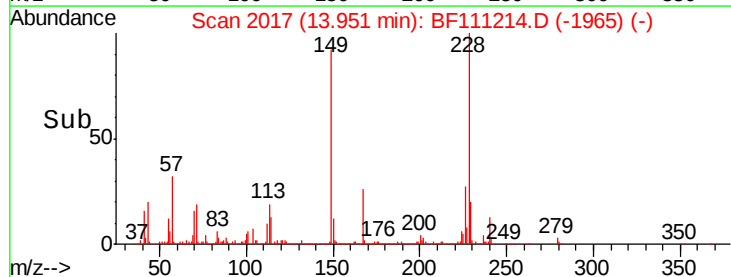
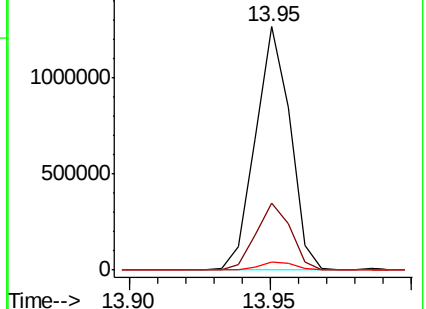
279 3.3 2.3 3.5

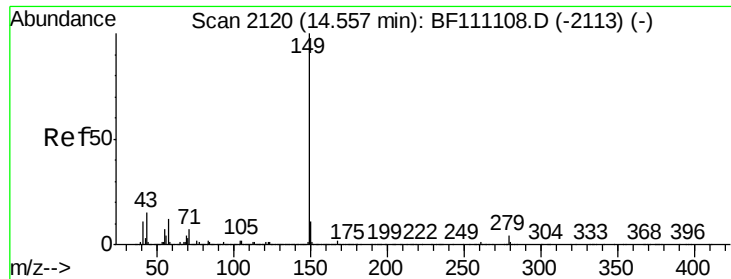


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

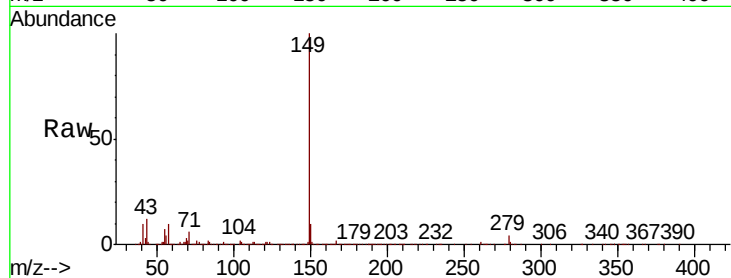




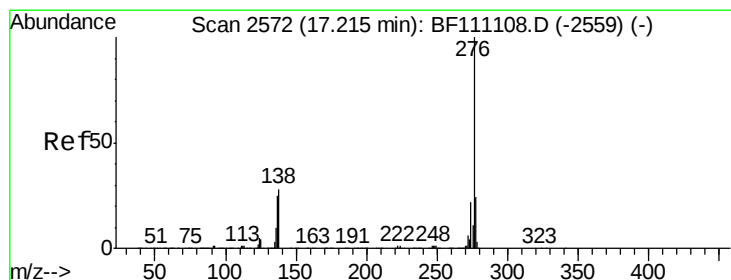
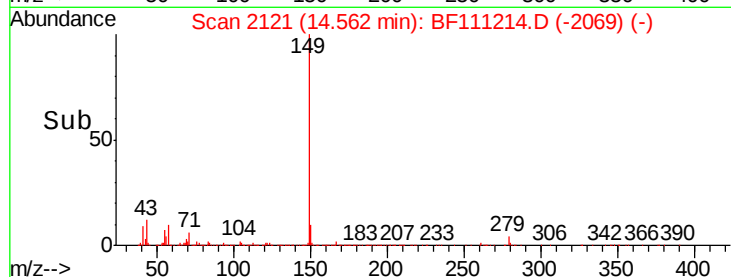
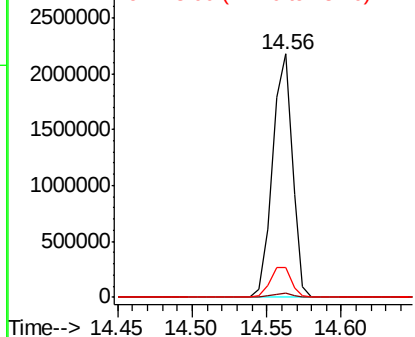
#85
Di-n-octyl phthalate
Concen: 46.969 ng
RT: 14.56 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

Instrument :
BNA_F
ClientSampleId :
PB115402BSD

Tgt Ion:149 Resp: 2005136
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.1 11.9 17.9

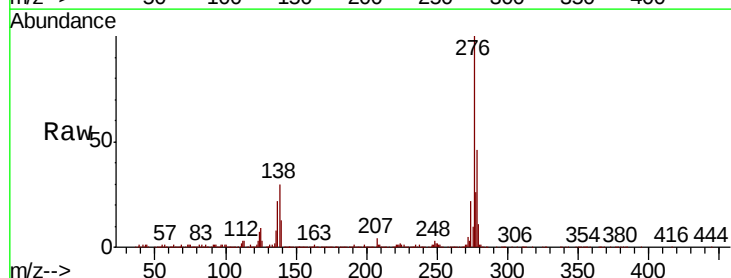


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

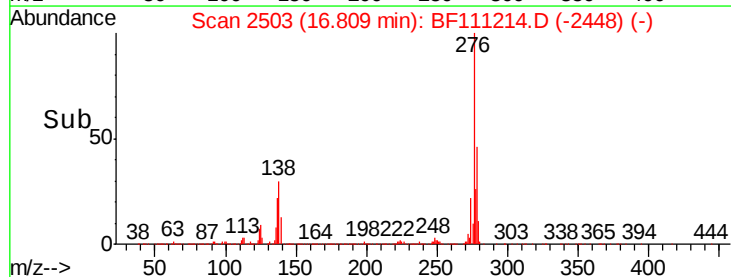
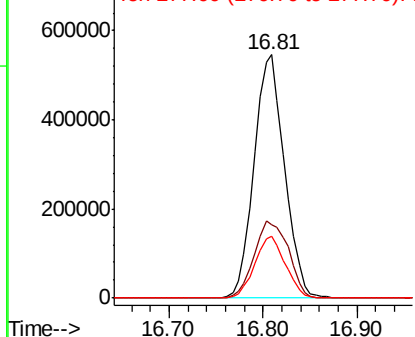


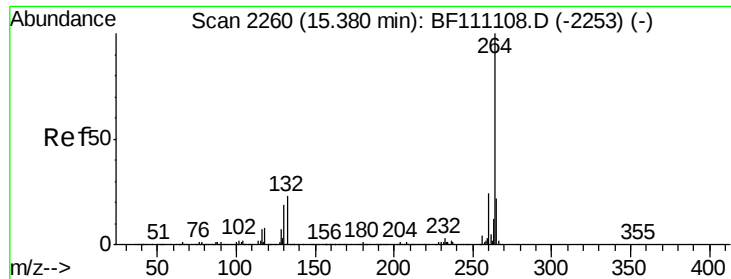
#86
Indeno(1,2,3-cd)pyrene
Concen: 43.843 ng
RT: 16.81 min Scan# 2503
Delta R.T. 0.02 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

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

Perylene-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

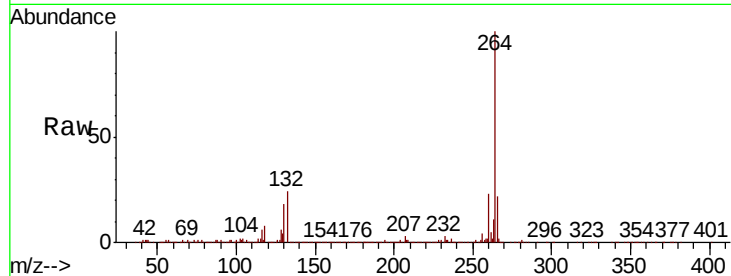
Tgt Ion:264 Resp: 597743

Ion Ratio Lower Upper

264 100

260 23.0 19.4 29.0

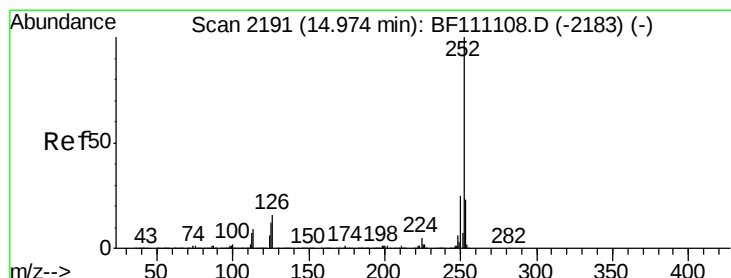
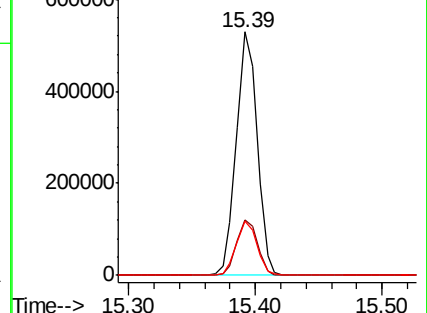
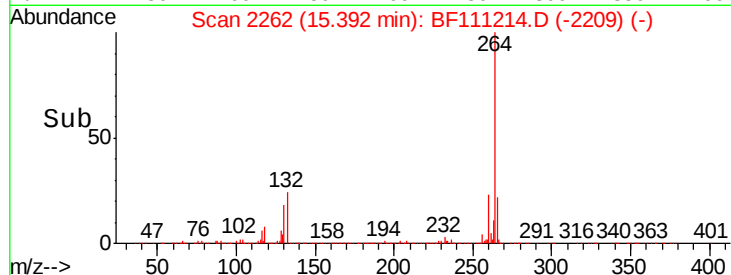
265 22.4 17.4 26.0



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

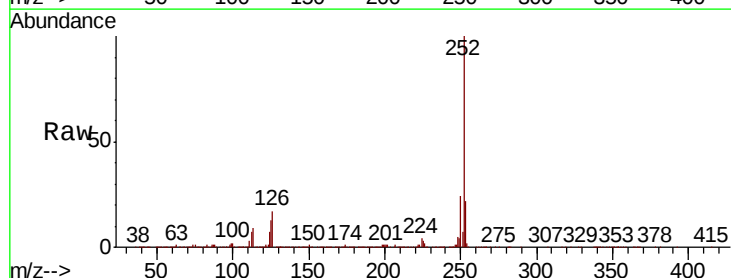
Tgt Ion:252 Resp: 1369031

Ion Ratio Lower Upper

252 100

253 22.4 18.5 27.7

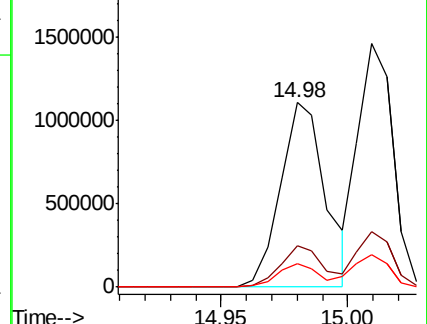
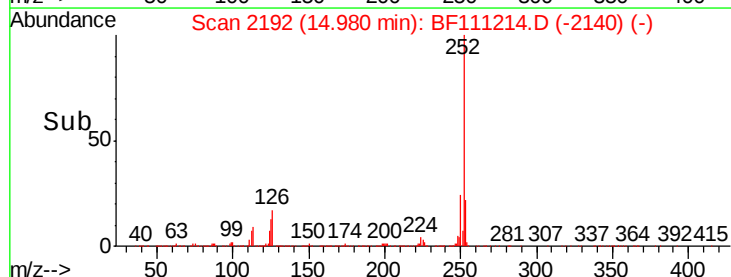
125 12.7 9.9 14.9

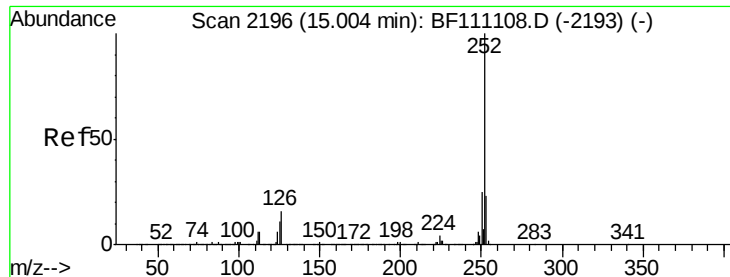


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

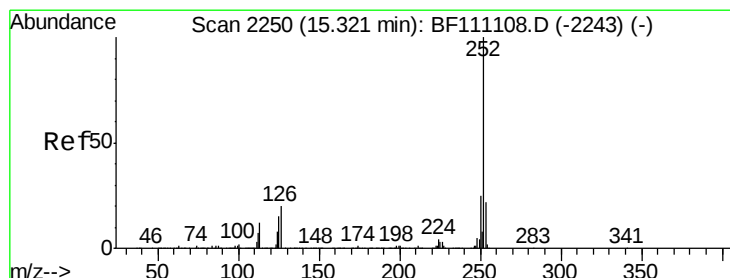
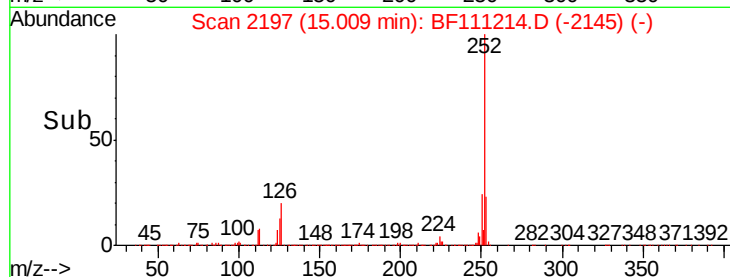
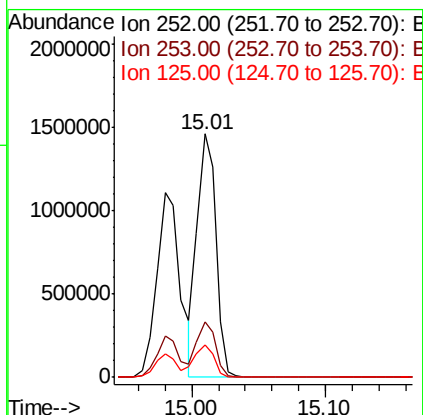
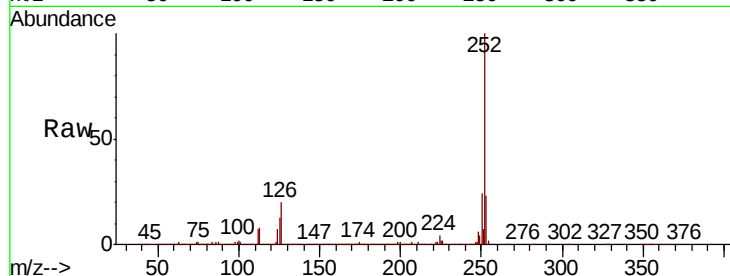




#89
Benzo(k)fluoranthene
Concen: 42.869 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF111214.D
Acq: 8 Dec 2018 4:18

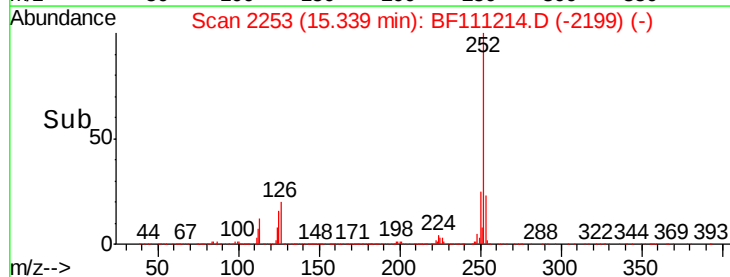
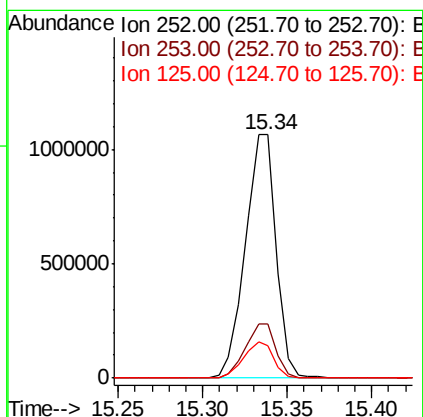
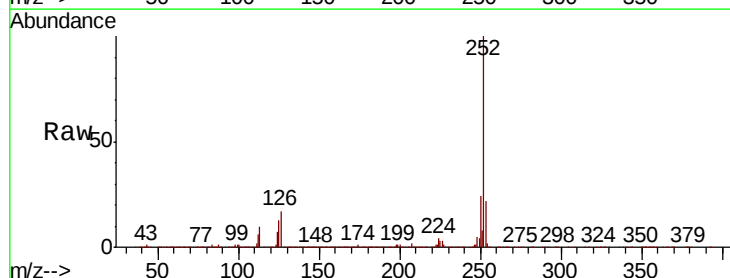
Instrument :
BNA_F
ClientSampleId :
PB115402BSD

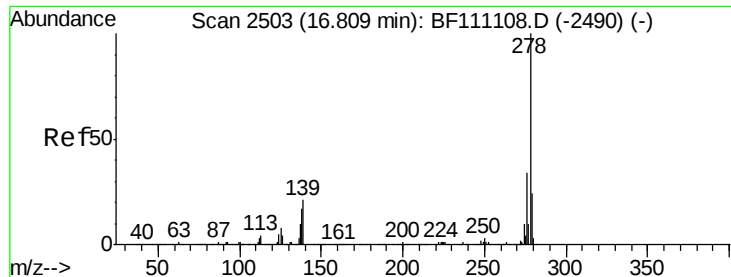
Tgt Ion:252 Resp: 1403693
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 13.1 9.9 14.9



#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

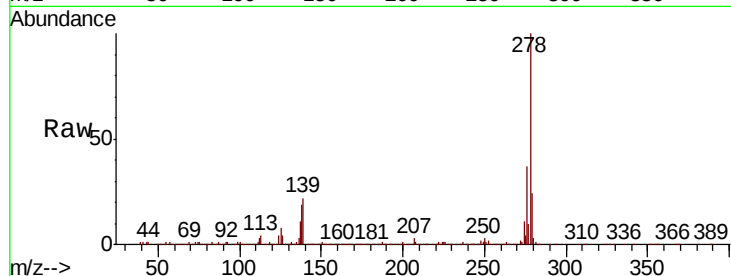
Tgt Ion:278 Resp: 1041004

Ion Ratio Lower Upper

278 100

139 22.2 16.6 25.0

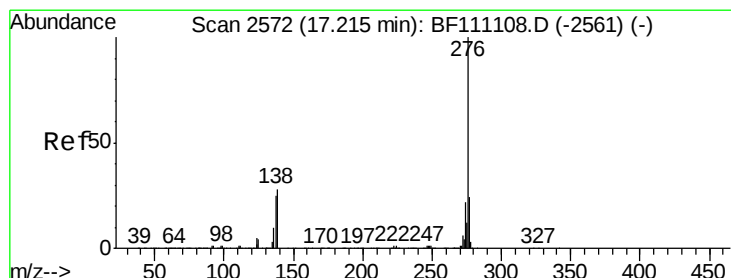
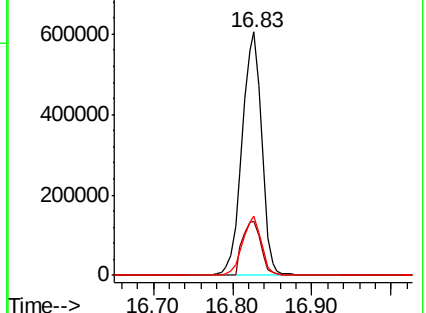
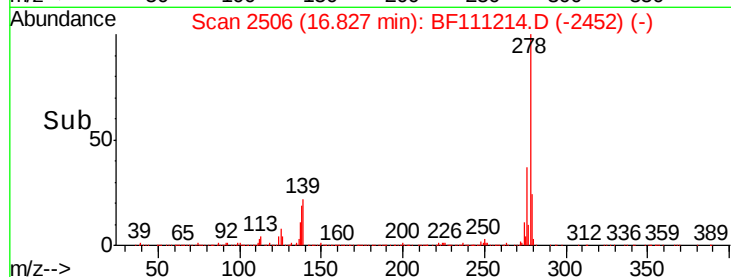
279 24.3 18.8 28.2



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

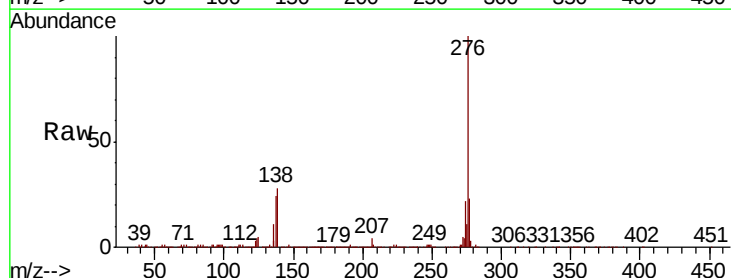
Tgt Ion:276 Resp: 924672

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

