

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
 Data File : BF111314.D
 Acq On : 12 Dec 2018 10:14
 Operator : JU/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 12 11:43:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 11:40:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	347326	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1467835	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	696154	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1182550	20.00	ng	0.00
76) Chrysene-d12	13.95	240	897573	20.00	ng	0.00
87) Perylene-d12	15.39	264	753842	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	430958	19.59	ng	0.00
7) Phenol-d6	6.42	99	601442	22.00	ng	-0.02
23) Nitrobenzene-d5	7.35	82	549760	21.01	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	135437	21.96	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1065470	24.14	ng	0.00
79) Terphenyl-d14	12.90	244	889604	23.77	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.53	88	103651	9.184	ng	97
3) Pyridine	3.26	79	237490	7.921	ng	95
4) n-Nitrosodimethylamine	3.18	42	108491	8.487	ng	95
6) Aniline	6.45	93	338290	9.282	ng	99
8) 2-Chlorophenol	6.57	128	271357	10.853	ng	98
9) Benzaldehyde	6.33	77	203049	11.969	ng	98
10) Phenol	6.43	94	340141	10.642	ng	94
11) bis(2-Chloroethyl)ether	6.52	93	259619	10.503	ng	99
12) 1,3-Dichlorobenzene	6.73	146	295649	11.005	ng	97
13) 1,4-Dichlorobenzene	6.81	146	300072	11.062	ng	98
14) 1,2-Dichlorobenzene	6.96	146	287034	11.345	ng	98
15) Benzyl Alcohol	6.93	79	231318	10.693	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	513455	11.094	ng	99
17) 2-Methylphenol	7.05	107	214388	10.503	ng	96
18) Hexachloroethane	7.31	117	107061	10.367	ng	91
19) n-Nitroso-di-n-propylamine	7.20	70	196783	10.746	ng	92
20) 3+4-Methylphenols	7.20	107	277206	11.417	ng	92
22) Acetophenone	7.20	105	371789	11.070	ng	# 92
24) Nitrobenzene	7.37	77	276898	10.166	ng	94
25) Isophorone	7.61	82	462119	10.368	ng	99
26) 2-Nitrophenol	7.69	139	134046	9.905	ng	98
27) 2,4-Dimethylphenol	7.73	122	212695	10.171	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	327018	10.595	ng	98
29) 2,4-Dichlorophenol	7.93	162	222418	10.402	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	226657	10.761	ng	99
31) Naphthalene	8.10	128	762844	11.908	ng	96
32) Benzoic acid	7.81	122	148871	8.609	ng	100
33) 4-Chloroaniline	8.14	127	298850	9.713	ng	98
34) Hexachlorobutadiene	8.22	225	126340	10.867	ng	98
35) Caprolactam	8.48	113	74813	9.874	ng	96
36) 4-Chloro-3-methylphenol	8.62	107	238933	10.914	ng	98
37) 2-Methylnaphthalene	8.79	142	494468	11.626	ng	99
38) 1-Methylnaphthalene	8.89	142	474017	11.381	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	216906	11.198	ng	98

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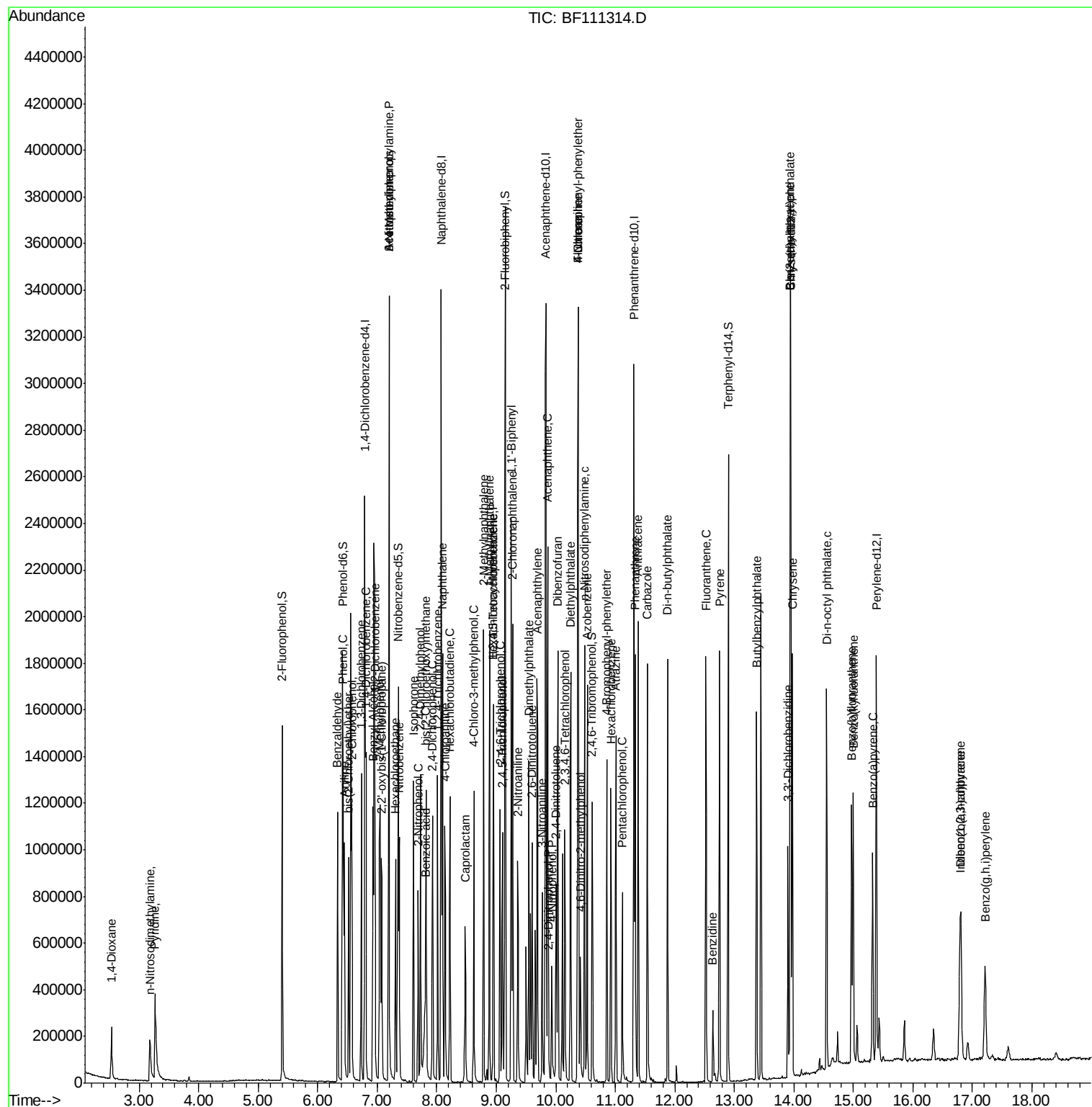
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	105014	9.519	nq	99
43) 2,4,6-Trichlorophenol	9.06	196	147844	10.168	nq	98
44) 2,4,5-Trichlorophenol	9.10	196	156674	10.344	nq	95
46) 1,1'-Biphenyl	9.25	154	670393	11.456	nq	94
47) 2-Chloronaphthalene	9.27	162	501410	11.008	nq	95
48) 2-Nitroaniline	9.36	65	151091	9.724	nq	98
49) Acenaphthylene	9.69	152	737468	11.152	nq	96
50) Dimethylphthalate	9.55	163	542691	10.565	nq	97
51) 2,6-Dinitrotoluene	9.60	165	114673	10.109	nq #	82
52) Acenaphthene	9.86	154	456990	11.012	nq	98
53) 3-Nitroaniline	9.77	138	138274	9.876	nq	94
54) 2,4-Dinitrophenol	9.88	184	32464	7.242	nq	91
55) Dibenzofuran	10.03	168	682839	12.095	nq	94
56) 4-Nitrophenol	9.93	139	93196	8.546	nq	92
57) 2,4-Dinitrotoluene	10.01	165	145565	10.409	nq	95
58) Fluorene	10.37	166	487658	11.162	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	122469	10.667	nq	97
60) Diethylphthalate	10.25	149	617931	12.618	nq	98
61) 4-Chlorophenyl-phenylether	10.37	204	244264	11.261	nq	99
62) 4-Nitroaniline	10.38	138	127908	9.655	nq	97
63) Azobenzene	10.53	77	553773	10.892	nq	96
65) 4,6-Dinitro-2-methylphenol	10.42	198	57487	9.010	nq	89
66) n-Nitrosodiphenylamine	10.49	169	472849	11.746	nq	97
67) 4-Bromophenyl-phenylether	10.86	248	143839	11.105	nq	92
68) Hexachlorobenzene	10.93	284	149276	11.329	nq	94
69) Atrazine	11.01	200	140576	11.484	nq	97
70) Pentachlorophenol	11.12	266	91451	9.568	nq	98
71) Phenanthrene	11.34	178	693916	11.634	nq	93
72) Anthracene	11.39	178	701825	11.247	nq	95
73) Carbazole	11.54	167	723880	11.094	nq	95
74) Di-n-butylphthalate	11.88	149	838441	12.501	nq #	95
75) Fluoranthene	12.52	202	676628	12.418	nq	98
77) Benzidine	12.64	184	129494	4.859	nq	98
78) Pyrene	12.75	202	701964	10.944	nq	95
80) Butylbenzylphthalate	13.37	149	329239	9.827	nq	94
81) Benzo(a)anthracene	13.94	228	543816	10.860	nq	97
82) 3,3'-Dichlorobenzidine	13.90	252	218945	10.668	nq	96
83) Chrysene	13.97	228	555038	10.752	nq	97
84) Bis(2-ethylhexyl)phthalate	13.94	149	428097	10.754	nq	98
85) Di-n-octyl phthalate	14.55	149	707421	10.602	nq	98
86) Indeno(1,2,3-cd)pyrene	16.79	276	367329	8.815	nq	98
88) Benzo(b)fluoranthene	14.97	252	446653	10.714	nq	98
89) Benzo(k)fluoranthene	15.00	252	474419	12.104	nq	99
90) Benzo(a)pyrene	15.32	252	417384	10.872	nq	98
91) Dibenzo(a,h)anthracene	16.81	278	306844	10.176	nq	96
92) Benzo(g,h,i)perylene	17.22	276	292325	9.684	nq	94

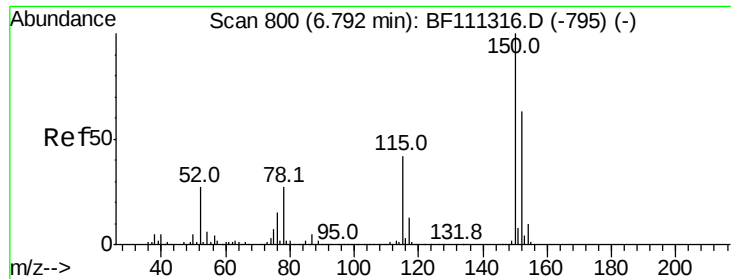
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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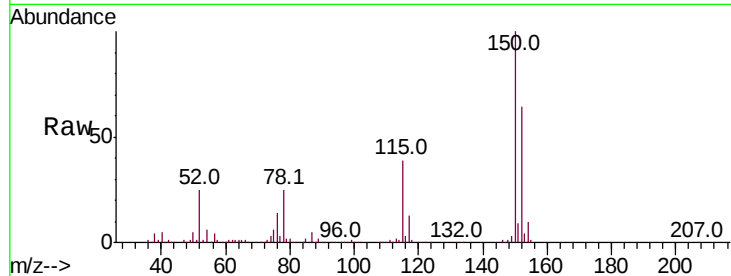


#1

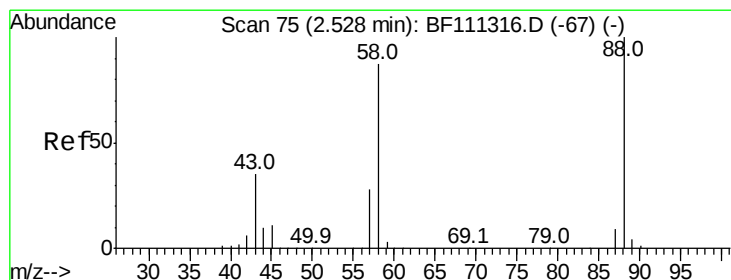
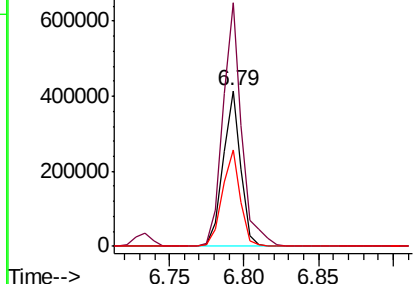
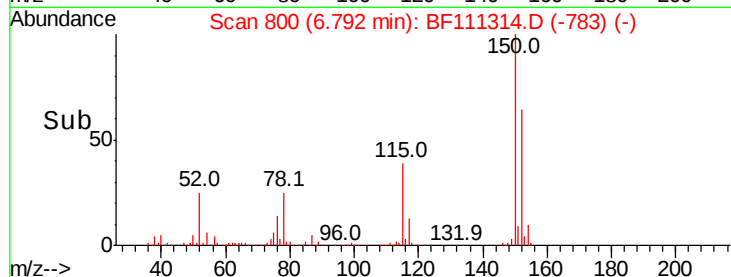
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 347326
Ion Ratio Lower Upper
152 100
150 156.4 126.6 189.8
115 61.6 50.7 76.1



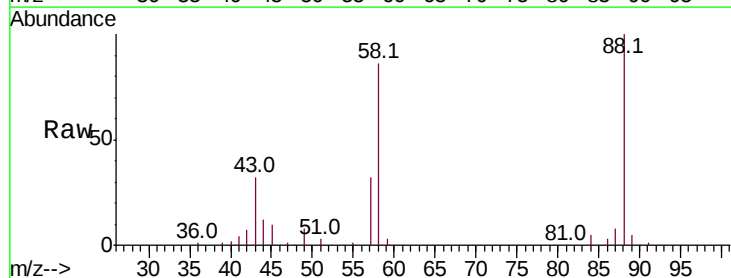
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



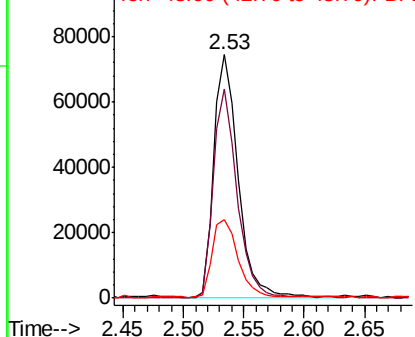
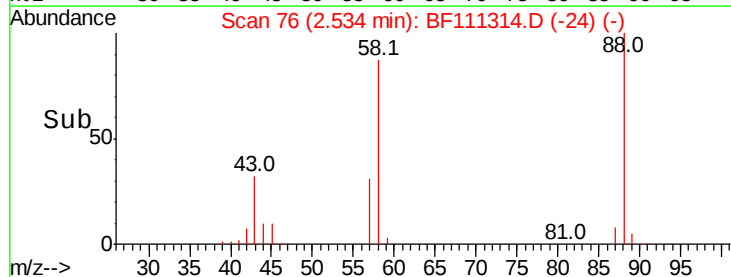
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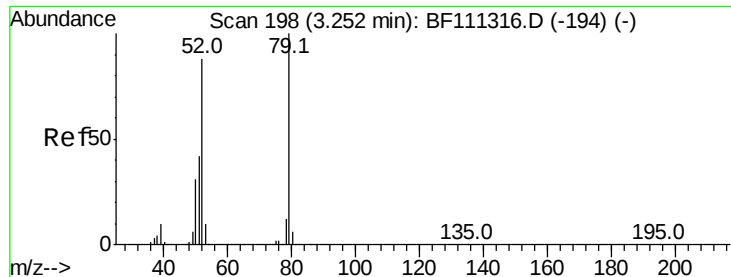
1,4-Dioxane
Concen: 9.184 ng
RT: 2.53 min Scan# 76
Delta R.T. 0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tgt Ion: 88 Resp: 103651
Ion Ratio Lower Upper
88 100
58 83.5 68.9 103.3
43 34.7 25.8 38.6



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





#3

Pvridine

Concen: 7.921 ng

RT: 3.26 min Scan# 200

Delta R.T. 0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Instrument :

BNA_F

ClientSampled :

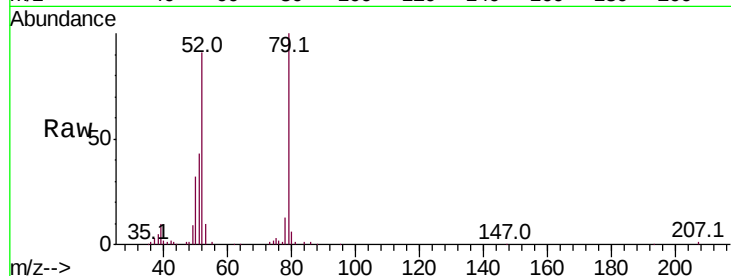
Tot Ion: 79 Resp: 237490

Ion Ratio Lower Upper

79 100

52 90.6 68.3 102.5

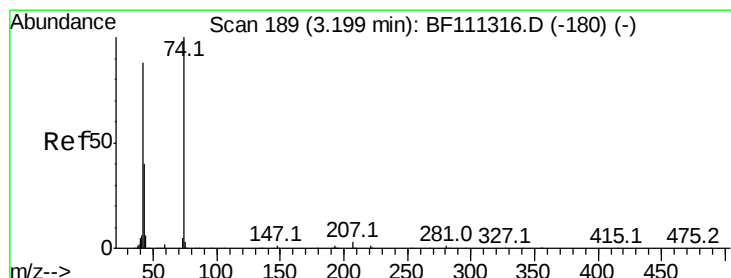
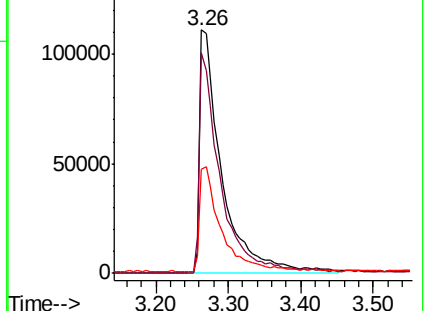
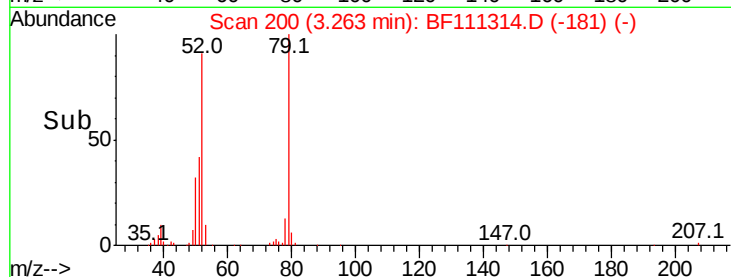
51 42.7 32.6 49.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 8.487 ng

RT: 3.18 min Scan# 186

Delta R.T. -0.02 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

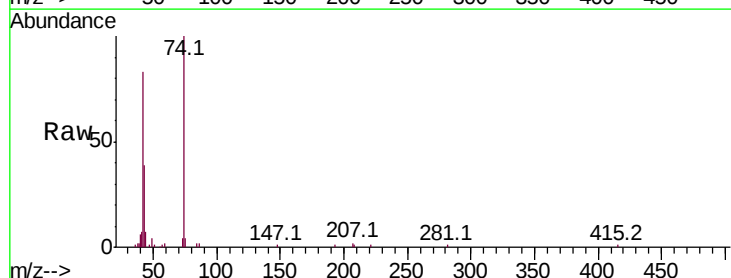
Tgt Ion: 42 Resp: 108491

Ion Ratio Lower Upper

42 100

74 121.0 101.5 152.3

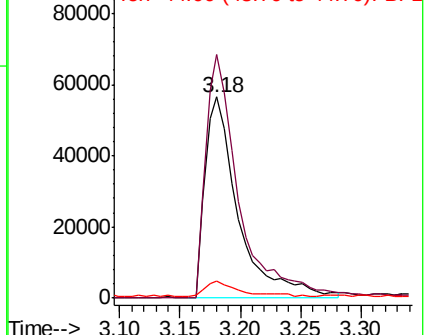
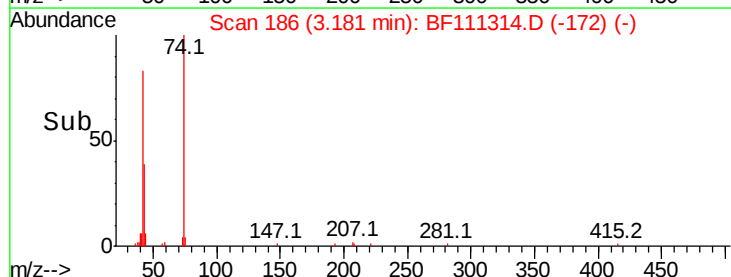
44 8.4 6.0 9.0

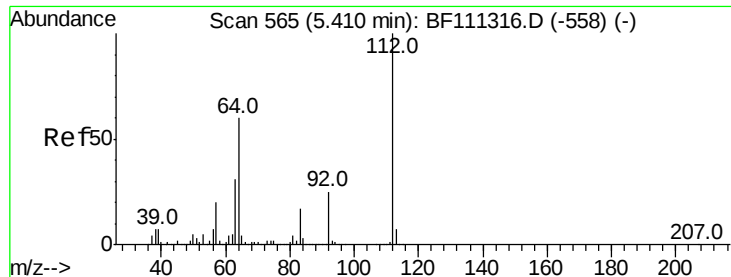


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 19.593 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Instrument :

BNA_F

ClientSampleId :

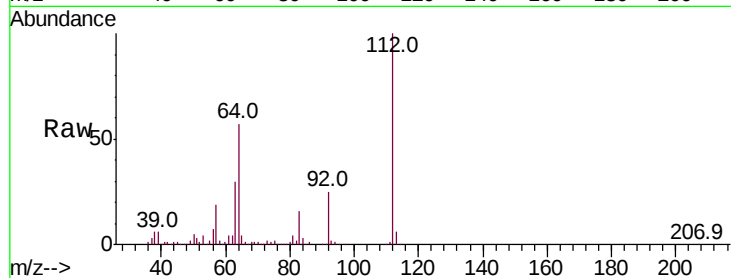
Tot Ion:112 Resp: 430958

Ion Ratio Lower Upper

112 100

64 56.9 51.8 77.6

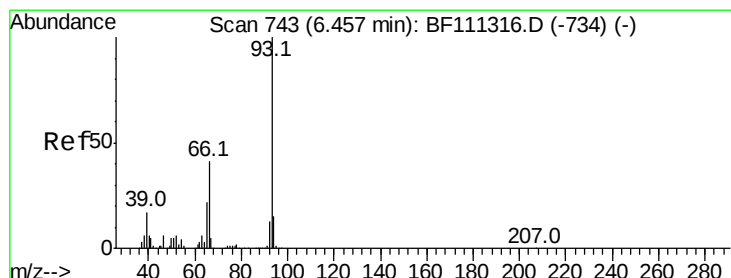
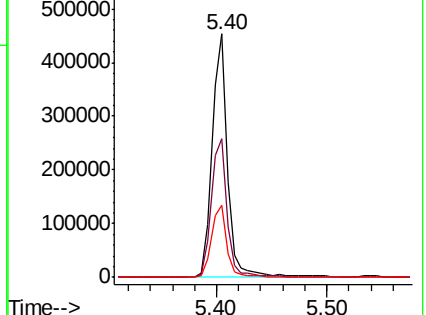
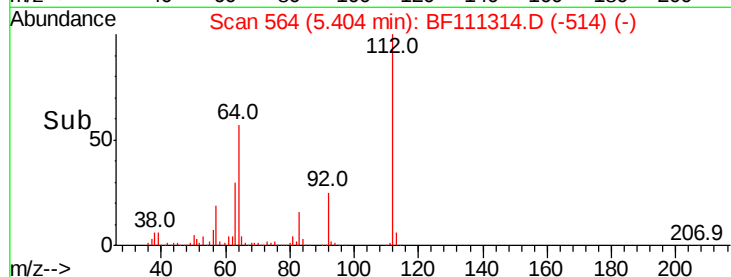
63 29.8 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 9.282 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

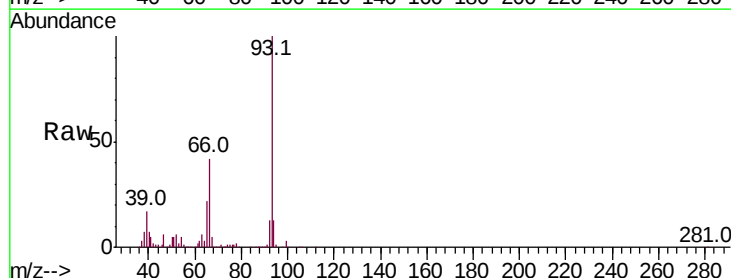
Tgt Ion: 93 Resp: 338290

Ion Ratio Lower Upper

93 100

66 42.3 33.2 49.8

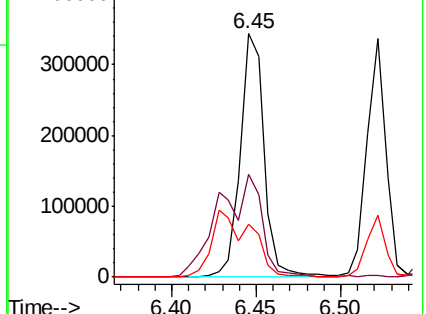
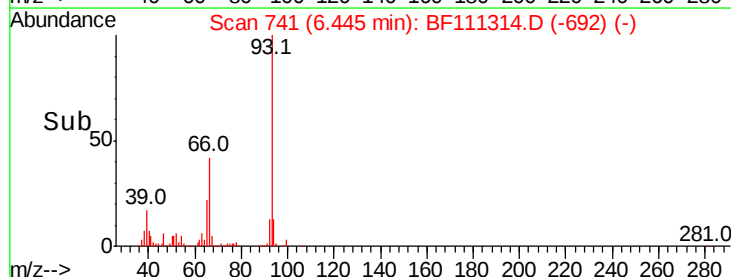
65 21.6 17.0 25.4

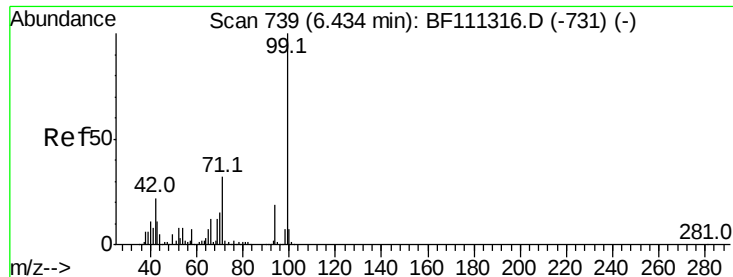


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 22.003 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.02 min

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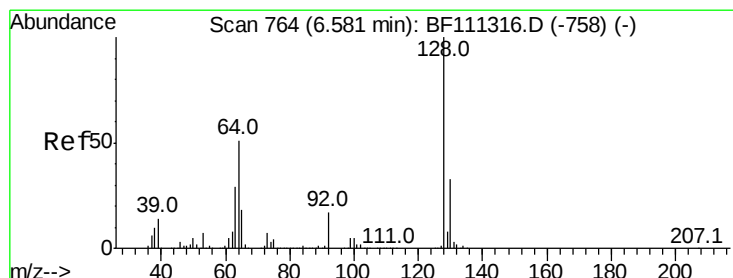
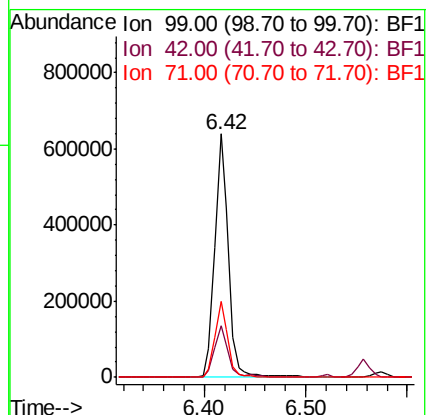
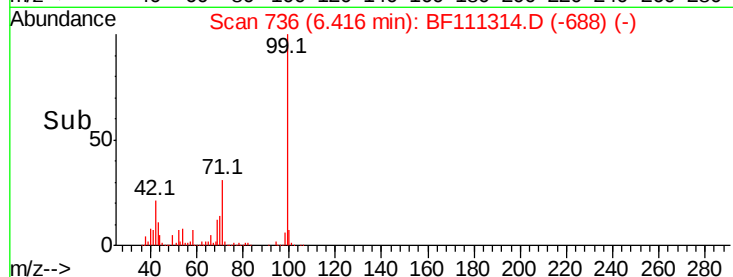
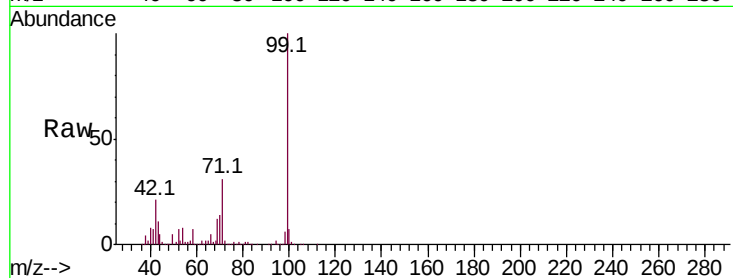
Tot Ion: 99 Resp: 601442

Ion Ratio Lower Upper

99 100

42 21.0 17.4 26.0

71 31.1 26.1 39.1



#8

2-Chlorophenol

Concen: 10.853 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

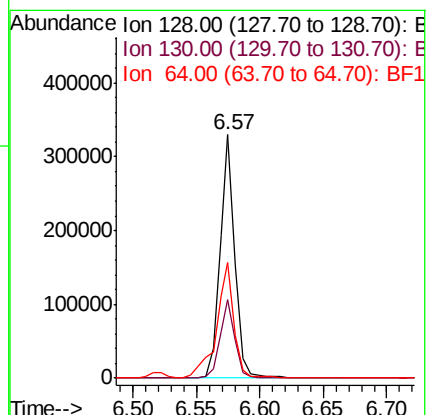
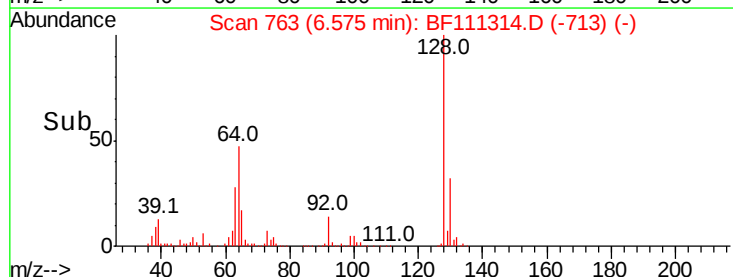
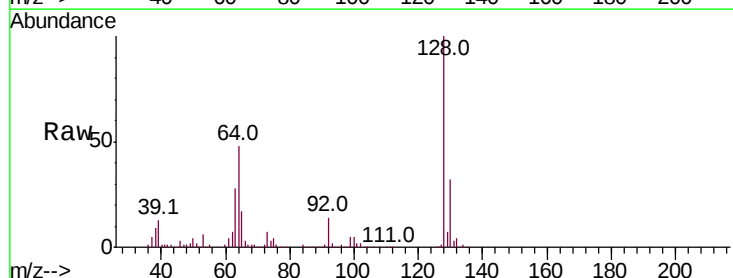
Tgt Ion: 128 Resp: 271357

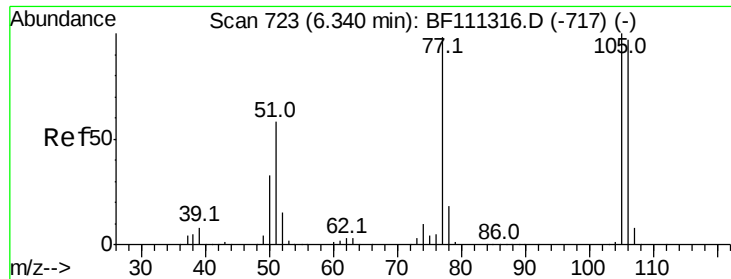
Ion Ratio Lower Upper

128 100

130 32.3 12.7 52.7

64 47.5 30.0 70.0

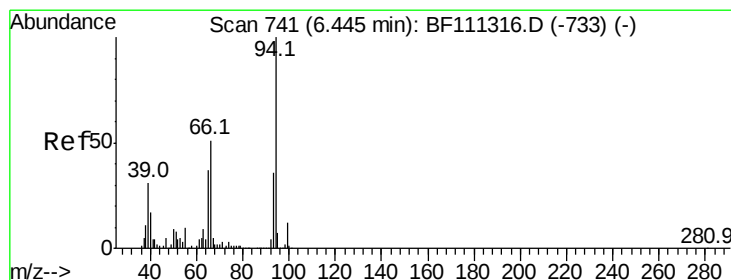
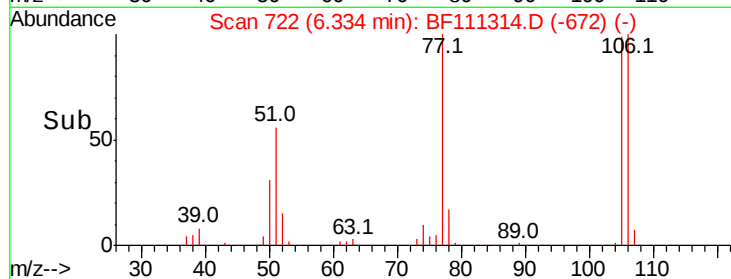
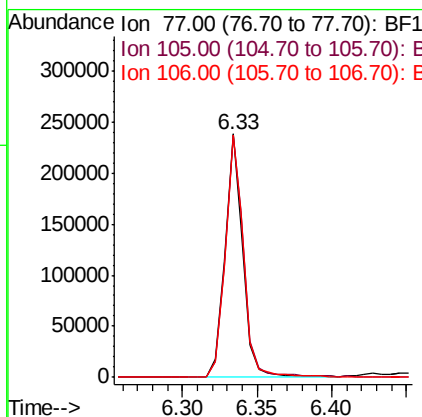
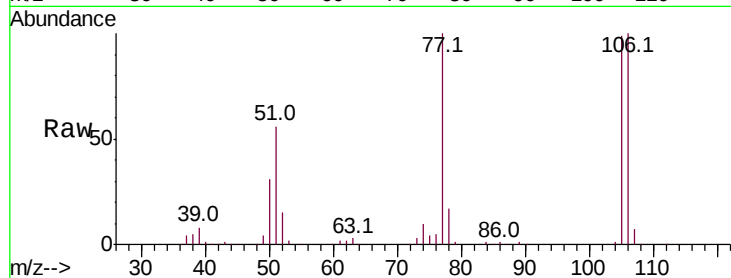




#9
Benzaldehyde
Concen: 11.969 ng
RT: 6.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

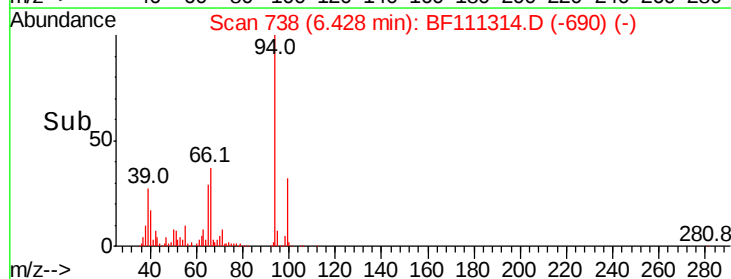
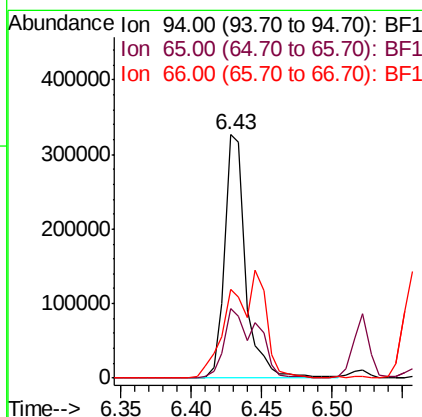
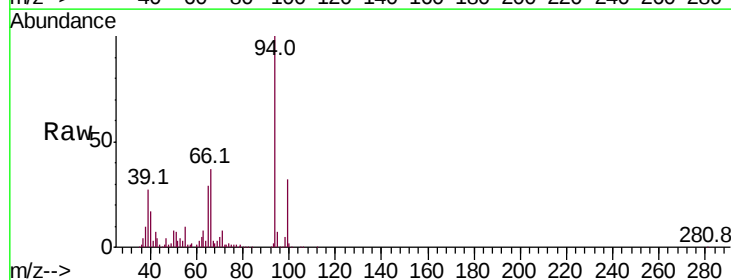
Instrument :
BNA_F
ClientSampleId :

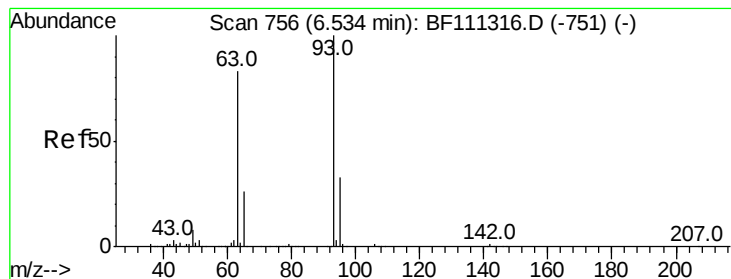
Tot Ion: 77 Resp: 203049
Ion Ratio Lower Upper
77 100
105 99.3 81.4 121.4
106 99.7 77.9 117.9



#10
Phenol
Concen: 10.642 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tgt Ion: 94 Resp: 340141
Ion Ratio Lower Upper
94 100
65 28.8 11.7 51.7
66 36.5 21.0 61.0





#11

bis(2-Chloroethyl)ether

Concen: 10.503 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Instrument :

BNA_F

ClientSampleId :

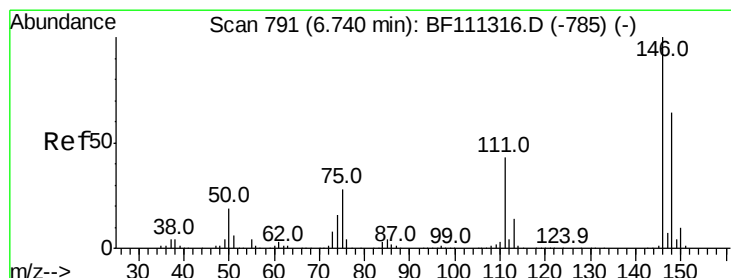
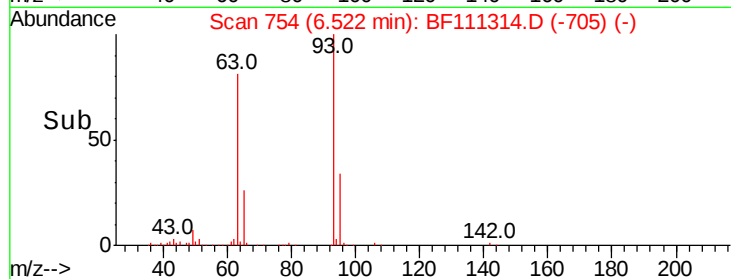
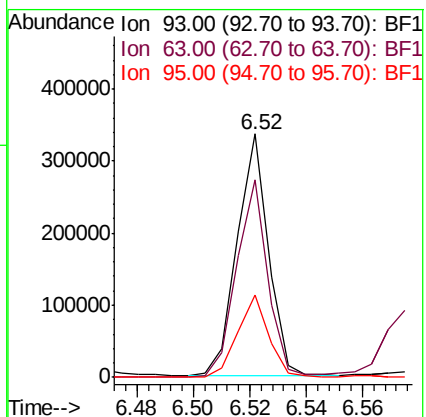
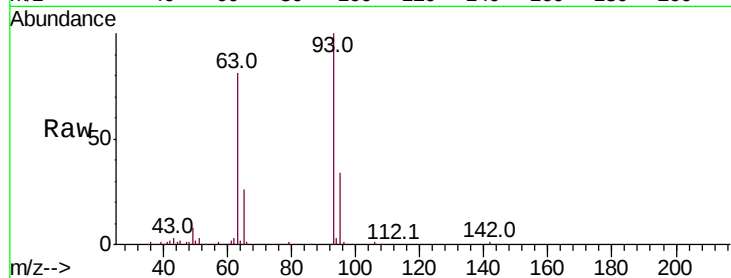
Tot Ion: 93 Resp: 259619

Ion Ratio Lower Upper

93 100

63 81.3 60.0 100.0

95 33.9 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 11.005 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

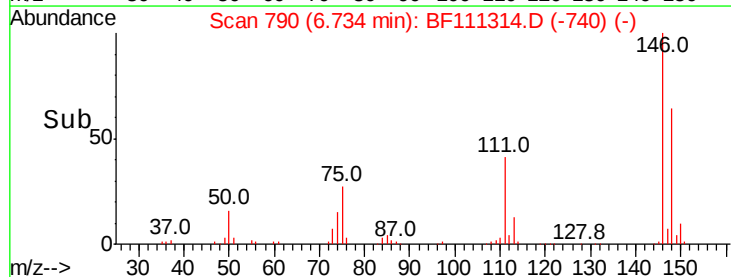
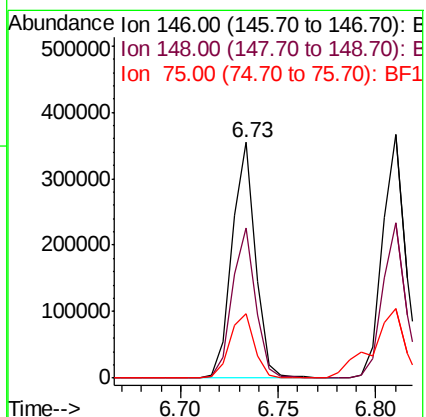
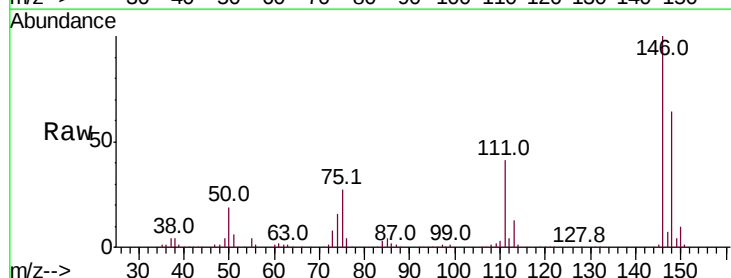
Tgt Ion: 146 Resp: 295649

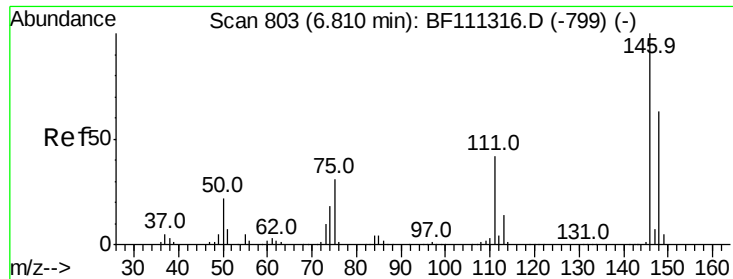
Ion Ratio Lower Upper

146 100

148 63.7 52.1 78.1

75 27.5 23.9 35.9

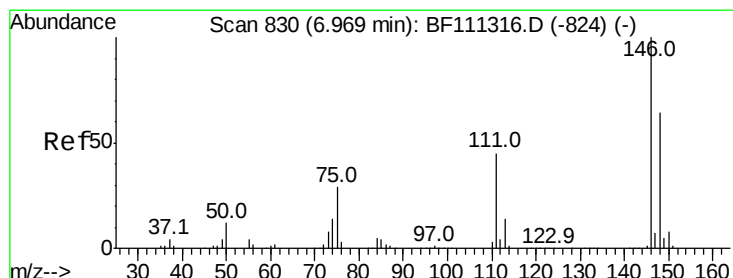
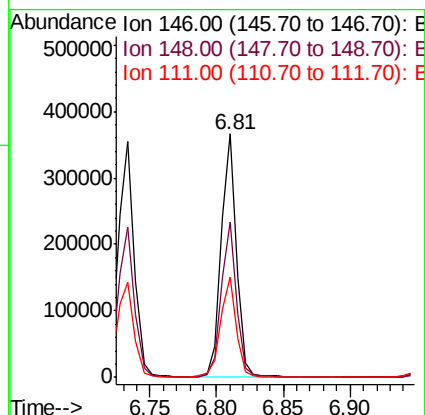
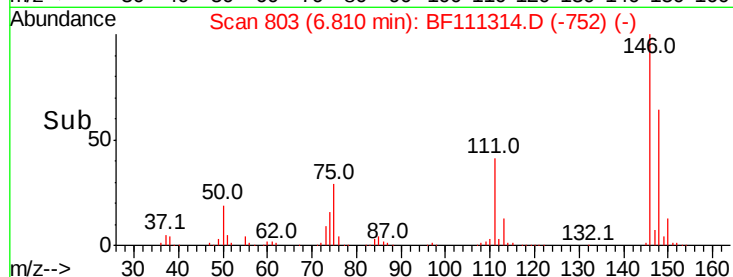
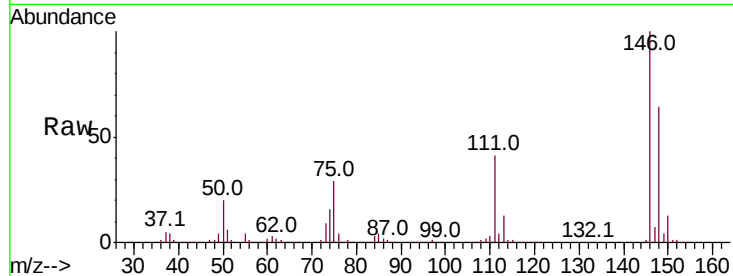




#13
 1,4-Dichlorobenzene
 Concen: 11.062 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF111314.D
 Acq: 12 Dec 2018 10:14

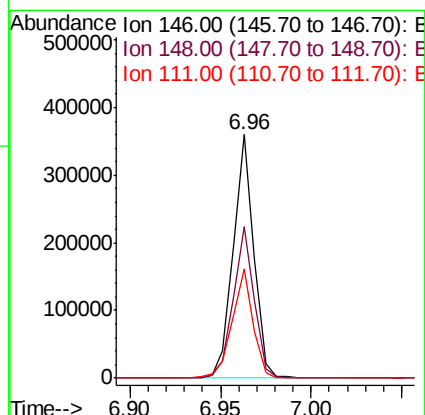
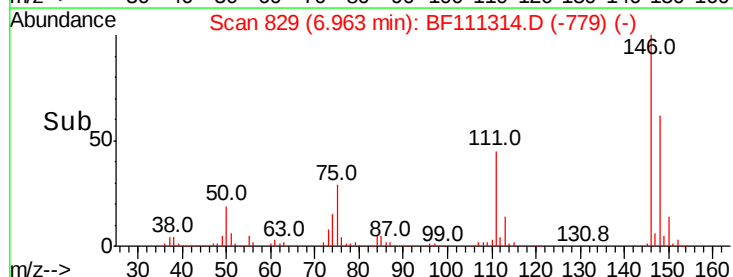
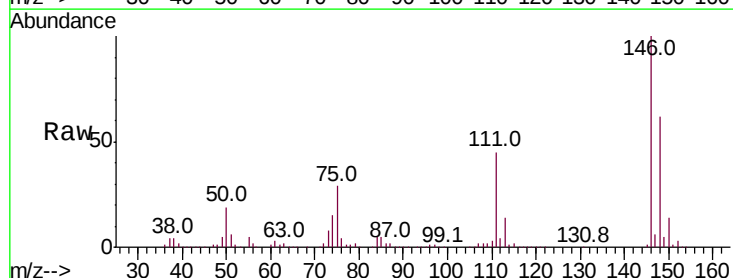
Instrument :
 BNA_F
 ClientSampled :

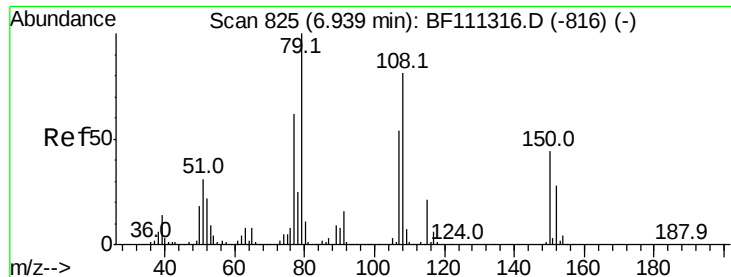
Tot Ion:146 Resp: 300072
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.8 79.2
 111 41.2 33.4 50.0



#14
 1,2-Dichlorobenzene
 Concen: 11.345 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF111314.D
 Acq: 12 Dec 2018 10:14

Tgt Ion:146 Resp: 287034
 Ion Ratio Lower Upper
 146 100
 148 62.4 51.9 77.9
 111 45.0 36.2 54.4





#15

Benzyl Alcohol

Concen: 10.693 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Instrument :

BNA_F

ClientSampleId :

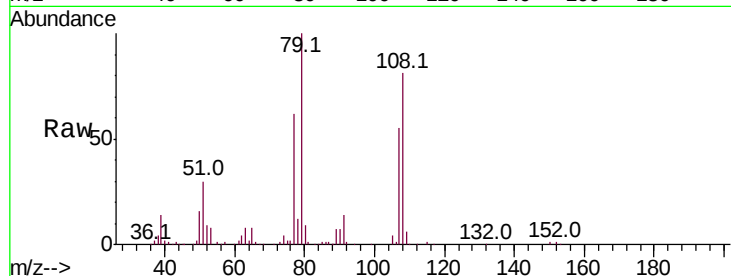
Tot Ion: 79 Resp: 231318

Ion Ratio Lower Upper

79 100

108 81.5 69.4 104.2

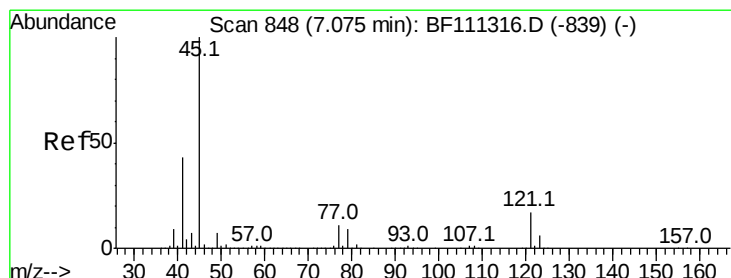
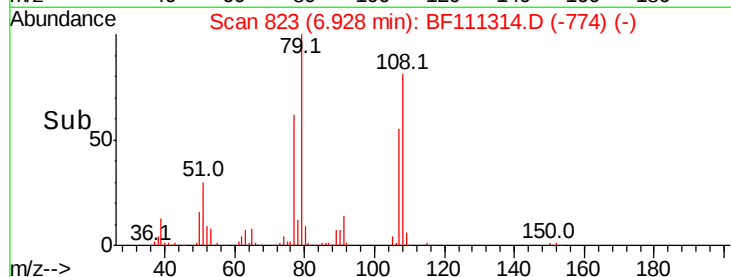
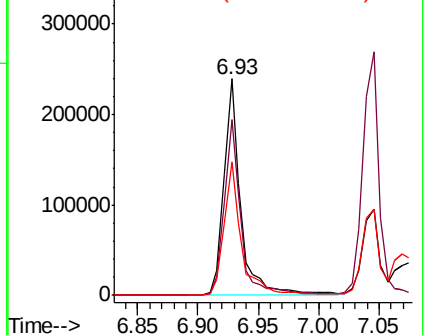
77 62.0 49.7 74.5



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: 11.094 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

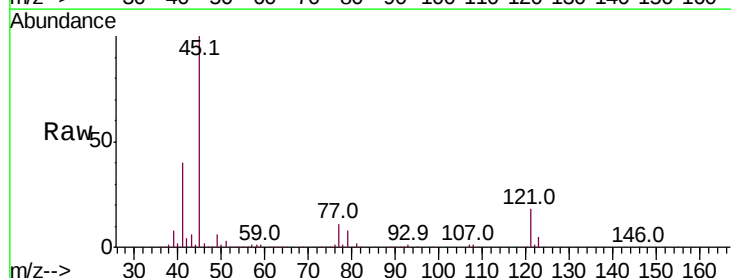
Tgt Ion: 45 Resp: 513455

Ion Ratio Lower Upper

45 100

77 11.2 0.0 31.5

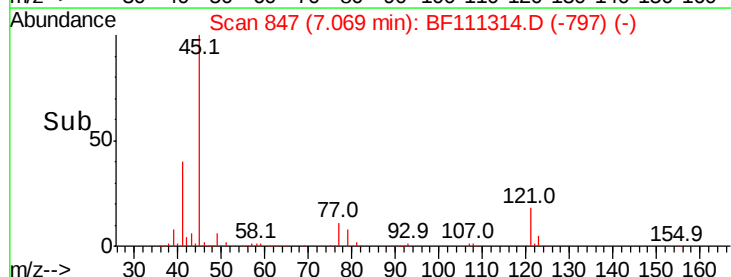
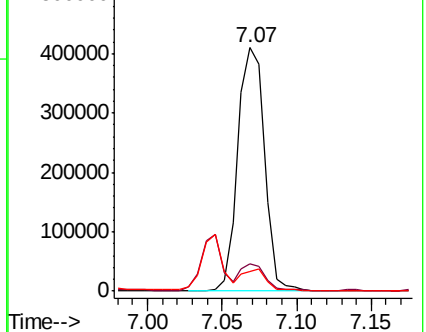
79 8.2 0.0 28.9

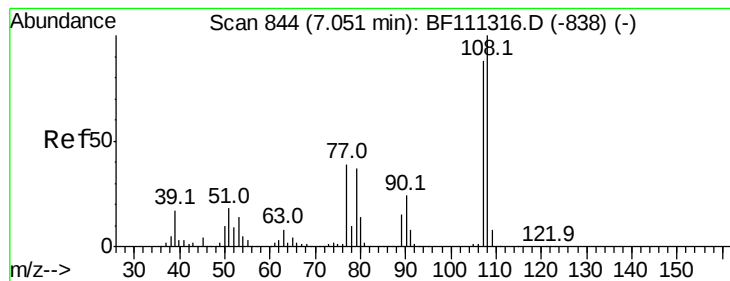


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

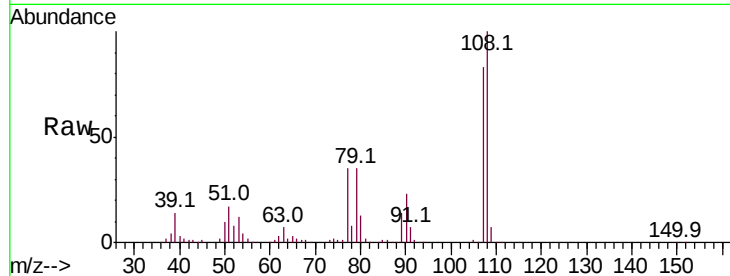




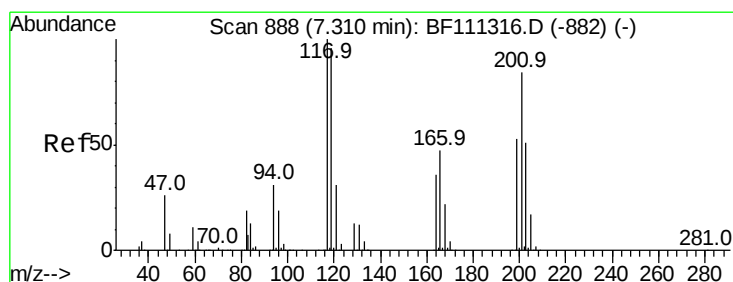
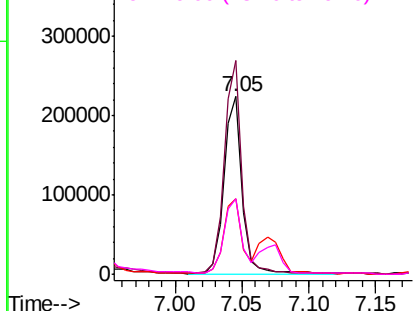
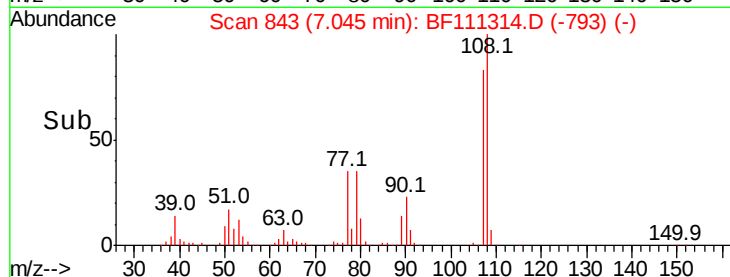
#17
2-Methylphenol
Concen: 10.503 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	214388
Ion	Ratio	Lower	Upper
107	100		
108	120.2	91.0	136.4
77	42.4	33.5	50.3
79	42.6	33.3	49.9

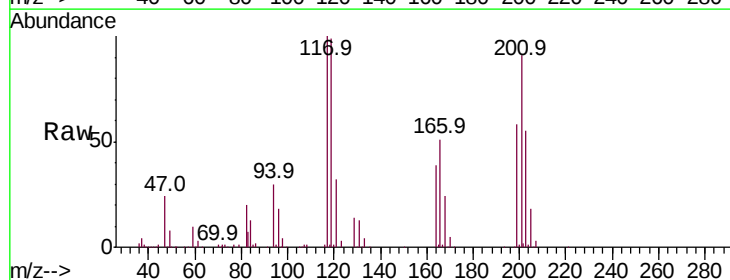


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

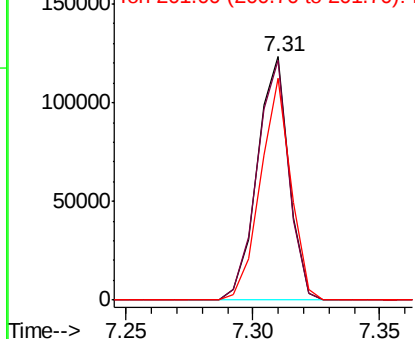
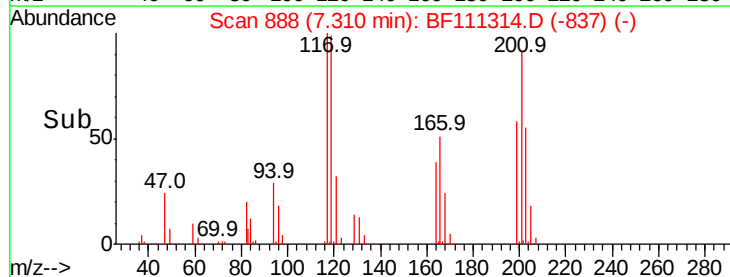


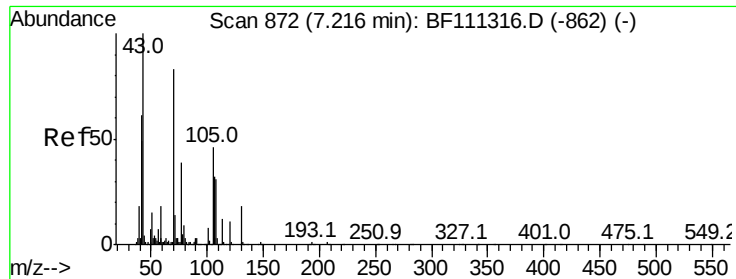
#18
Hexachloroethane
Concen: 10.367 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tgt Ion:	117	Resp:	107061
Ion	Ratio	Lower	Upper
117	100		
119	98.6	75.4	113.0
201	90.9	62.4	93.6



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

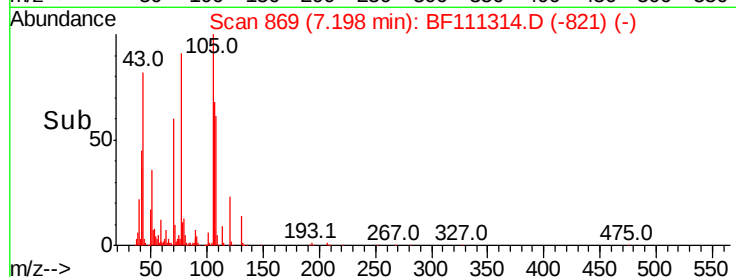
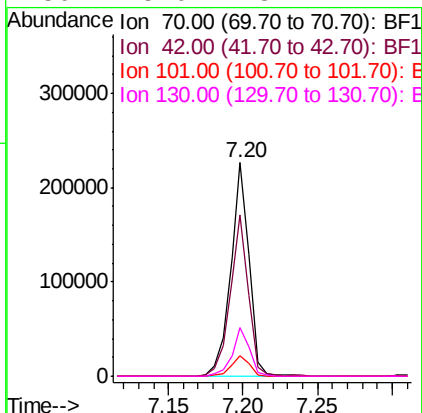
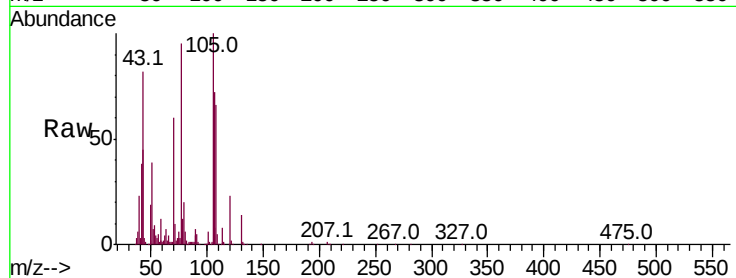




#19
n-Nitroso-di-n-propylamine
Concen: 10.746 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

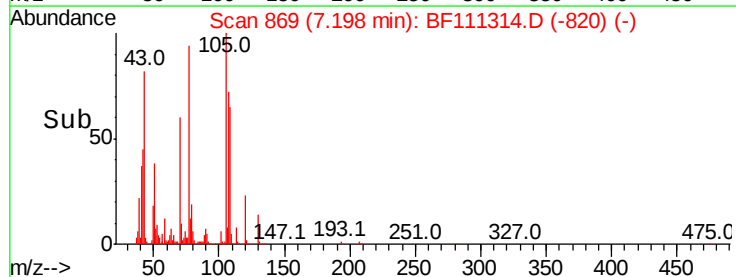
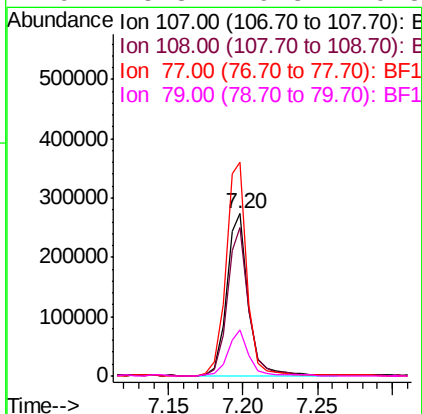
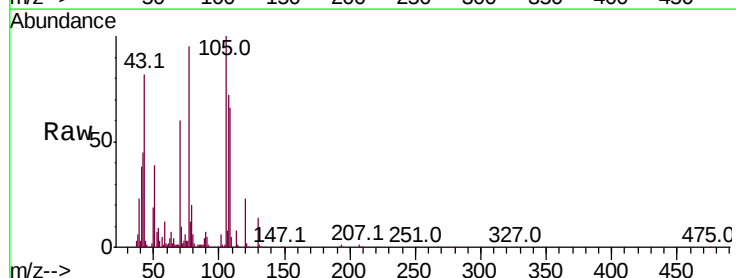
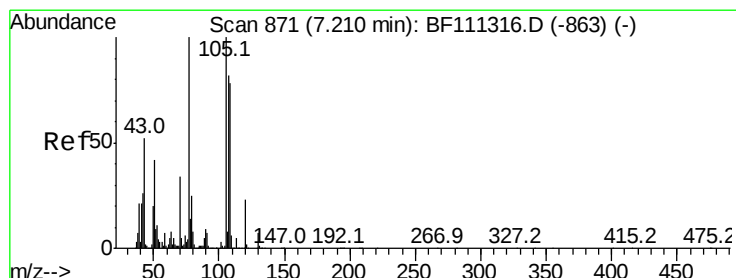
Instrument :
BNA_F
ClientSampleId :

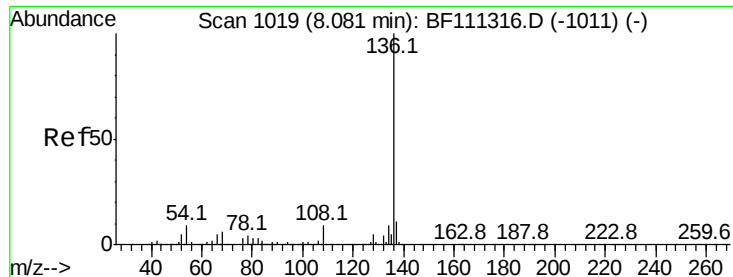
Tot Ion	Ratio	Lower	Upper
70	100		
42	75.3	53.2	79.8
101	9.7	8.2	12.4
130	23.0	18.1	27.1



#20
3+4-Methylphenols
Concen: 11.417 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.7	72.1	112.1
77	131.8	94.1	134.1
79	28.3	9.8	49.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1467835

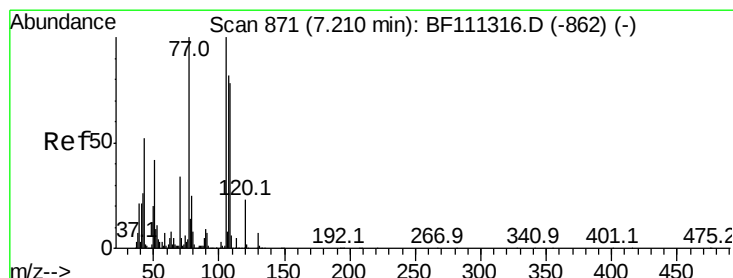
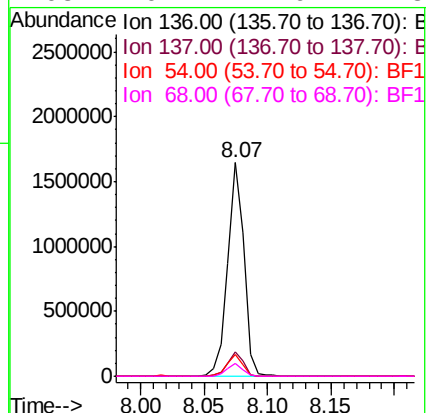
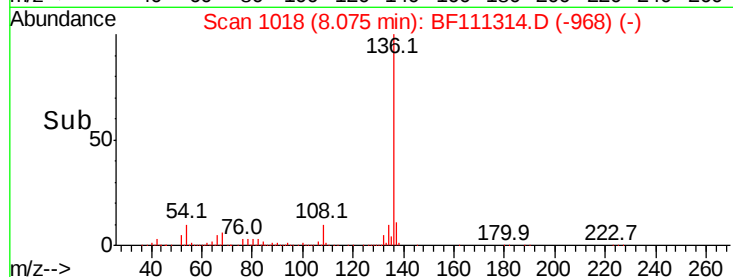
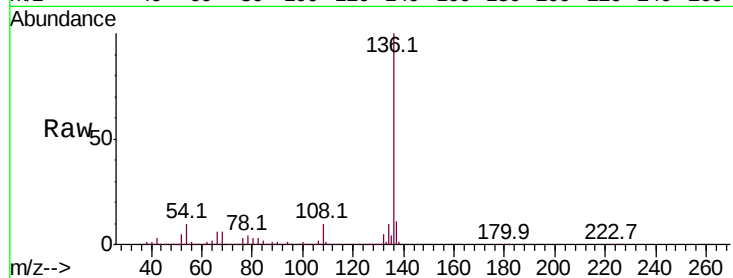
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 10.1 7.7 11.5

68 6.1 4.9 7.3



#22

Acetophenone

Concen: 11.070 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Tgt Ion:105 Resp: 371789

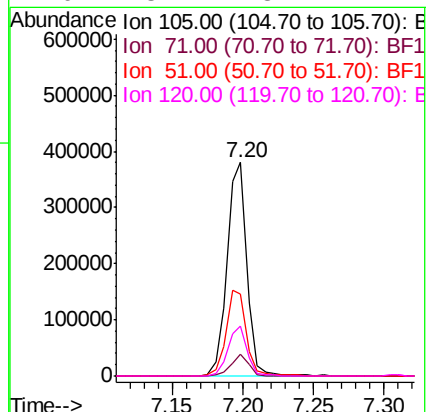
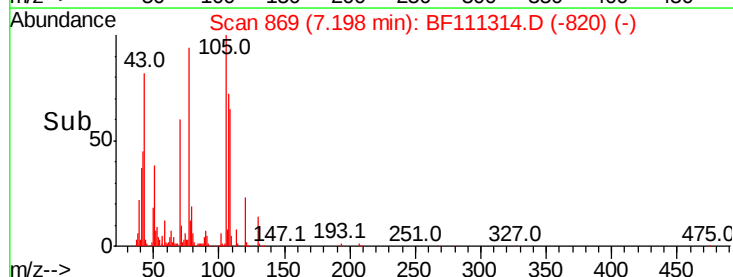
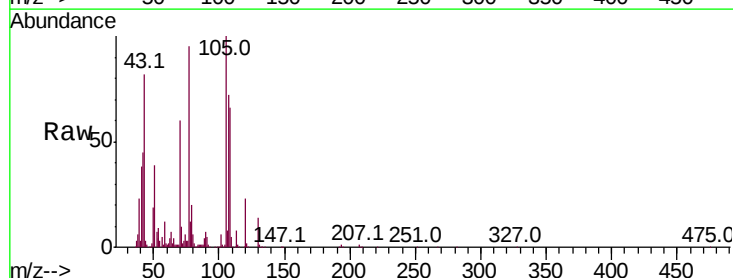
Ion Ratio Lower Upper

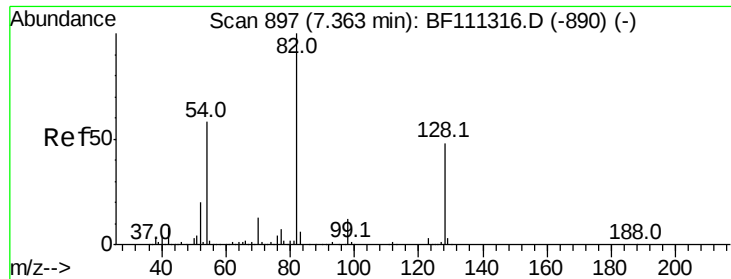
105 100

71 10.4 3.1 4.7#

51 38.6 36.6 54.8

120 23.4 18.2 27.4

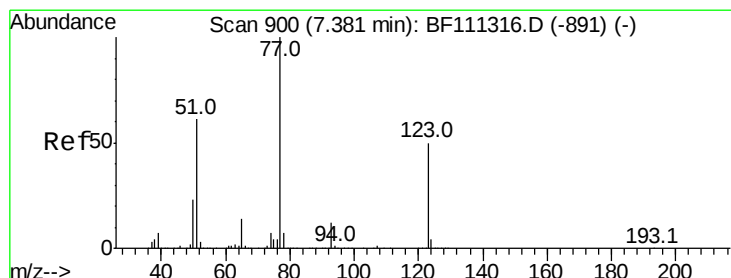
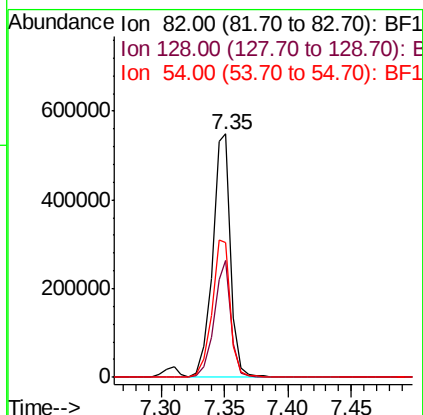
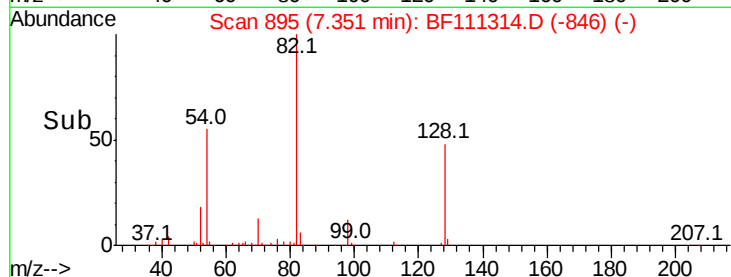
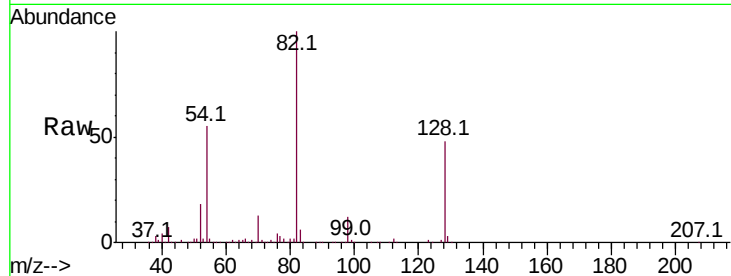




#23
Nitrobenzene-d5
Concen: 21.007 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

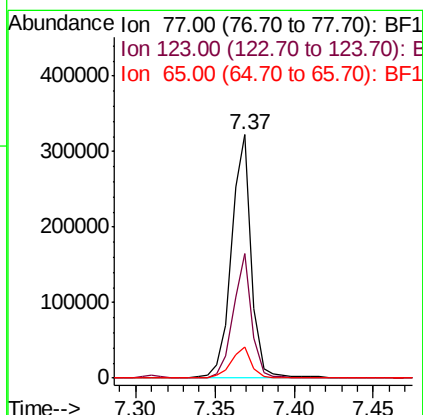
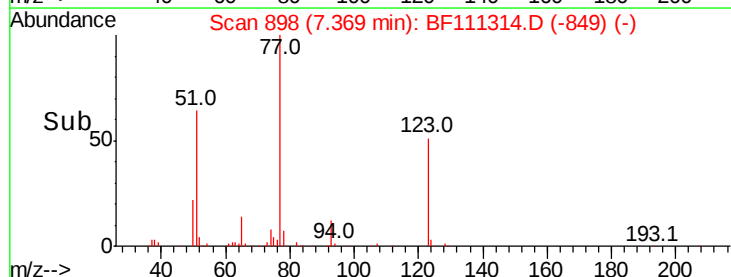
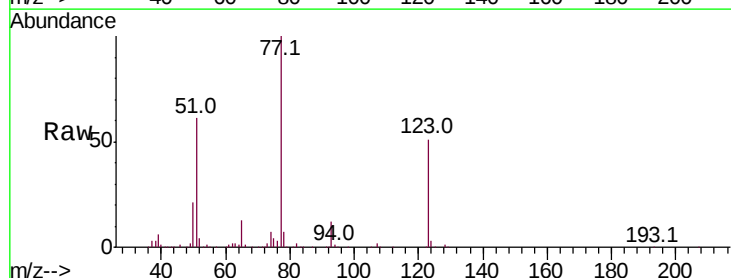
Instrument :
BNA_F
ClientSampleId :

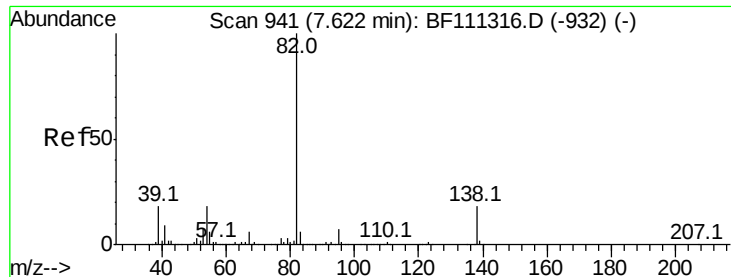
Tot Ion: 82 Resp: 549760
Ion Ratio Lower Upper
82 100
128 47.8 37.4 56.2
54 55.2 47.6 71.4



#24
Nitrobenzene
Concen: 10.166 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tgt Ion: 77 Resp: 276898
Ion Ratio Lower Upper
77 100
123 51.0 37.2 55.8
65 13.0 11.5 17.3





#25

Isophorone

Concen: 10.368 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Instrument :

BNA_F

ClientSampleId :

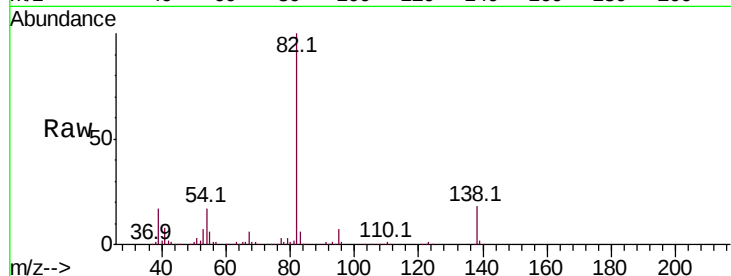
Tot Ion: 82 Resp: 462119

Ion Ratio Lower Upper

82 100

95 6.5 5.4 8.2

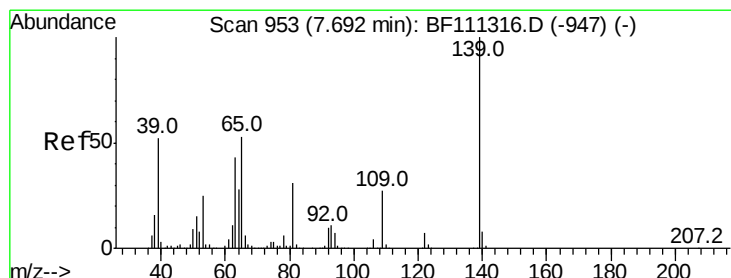
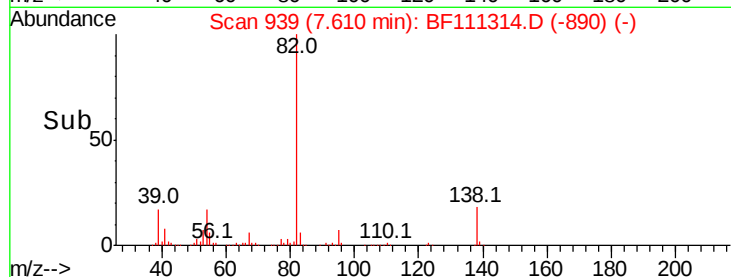
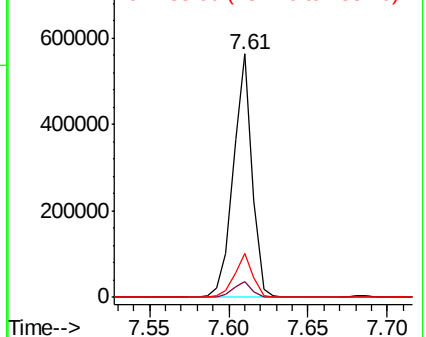
138 18.2 15.1 22.7



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: 9.905 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

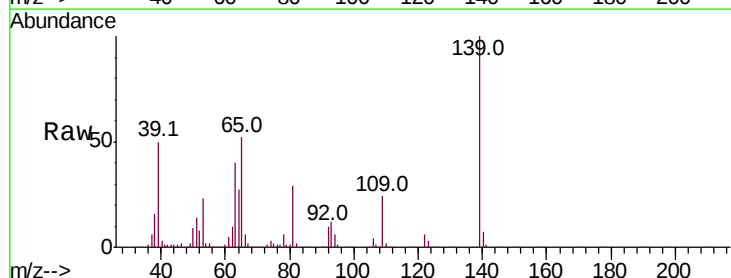
Tgt Ion: 139 Resp: 134046

Ion Ratio Lower Upper

139 100

109 23.7 20.2 30.4

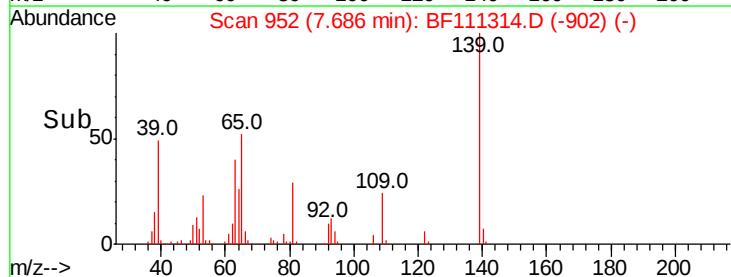
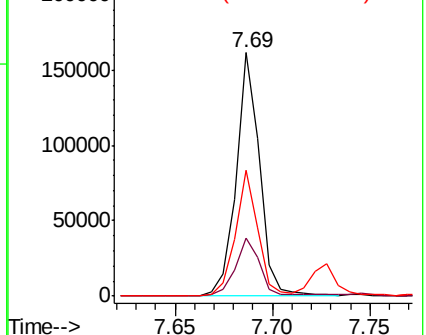
65 51.9 40.7 61.1

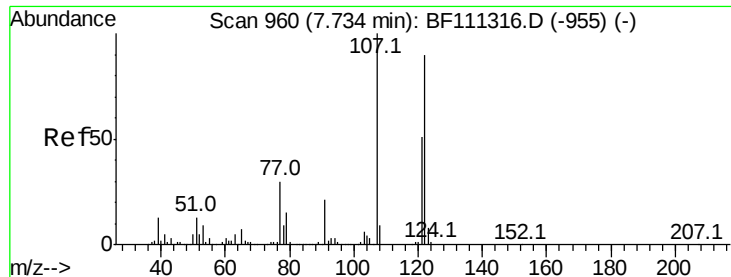


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

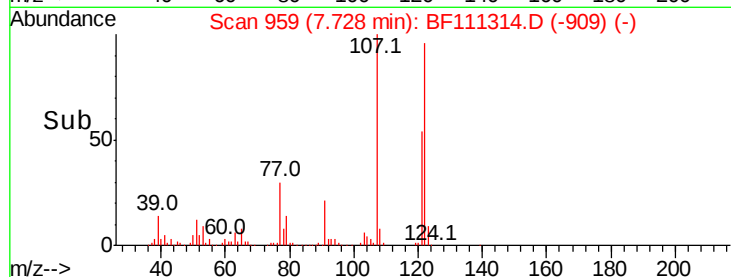
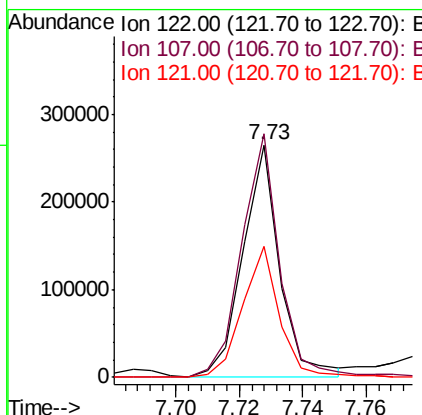
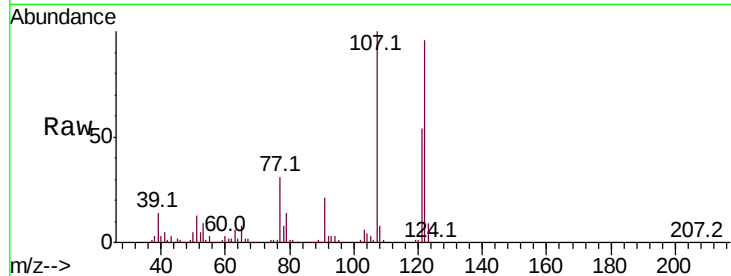




#27
2,4-Dimethylphenol
Concen: 10.171 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

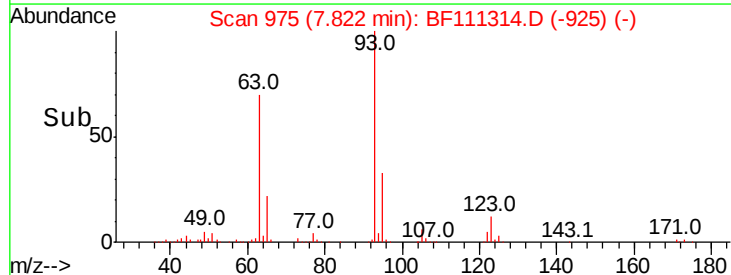
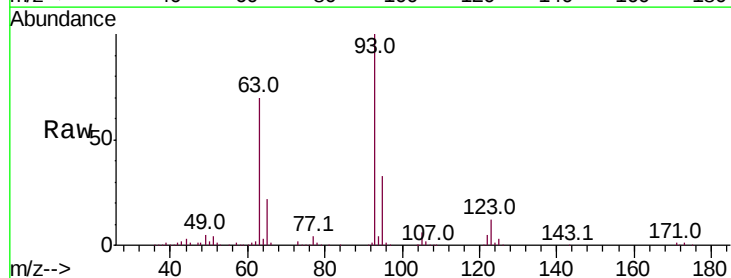
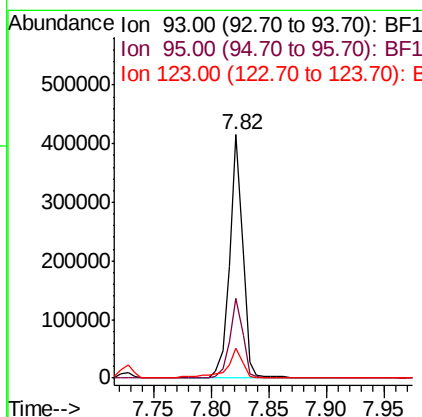
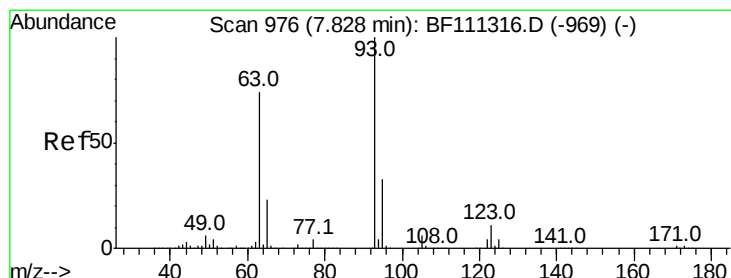
Instrument :
BNA_F
ClientSampleId :

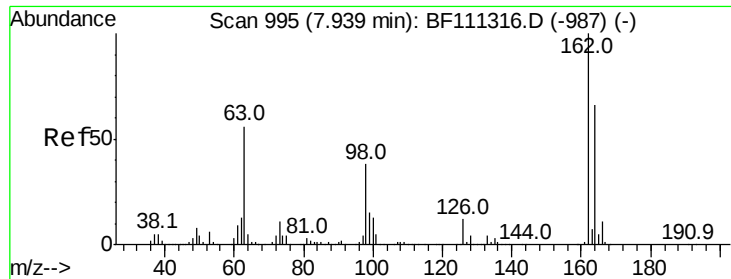
Tot Ion:122 Resp: 212695
Ion Ratio Lower Upper
122 100
107 104.7 85.5 128.3
121 56.5 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 10.595 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tgt Ion: 93 Resp: 327018
Ion Ratio Lower Upper
93 100
95 32.9 27.1 40.7
123 12.1 9.9 14.9

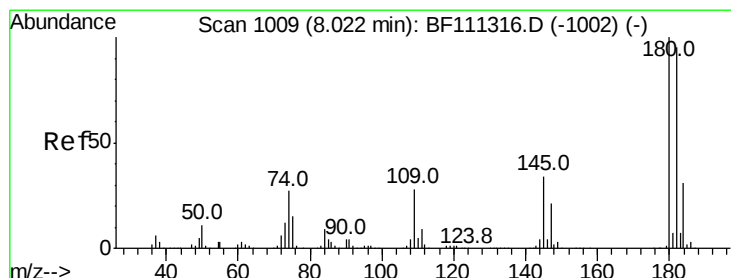
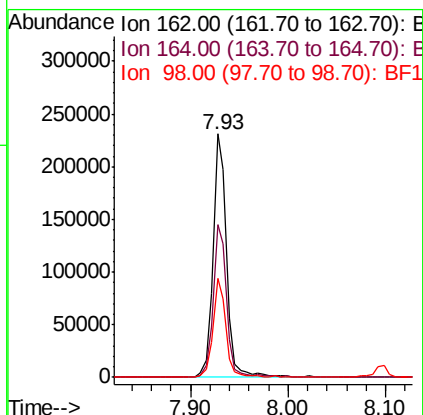
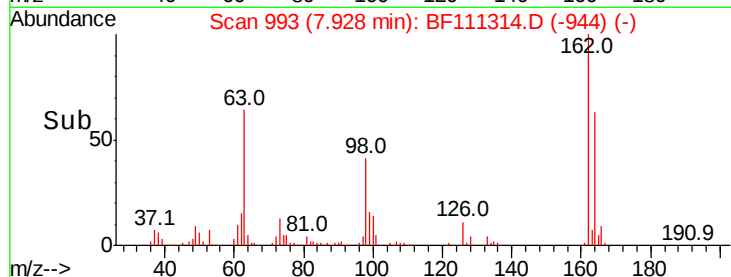
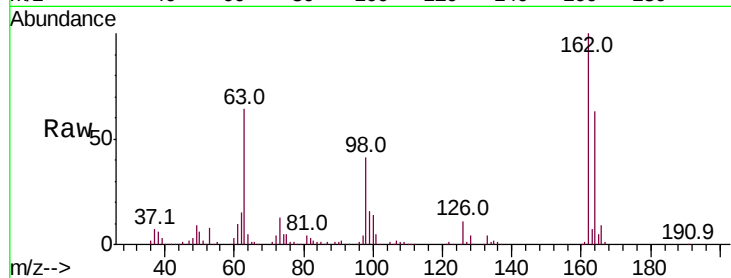




#29
2,4-Dichlorophenol
Concen: 10.402 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

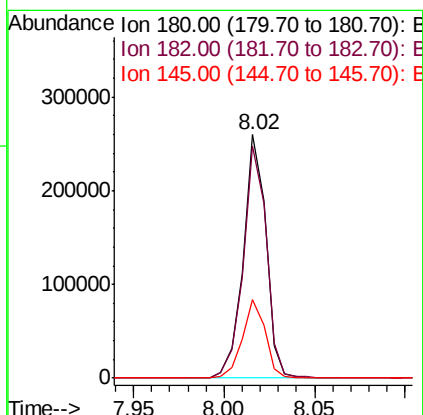
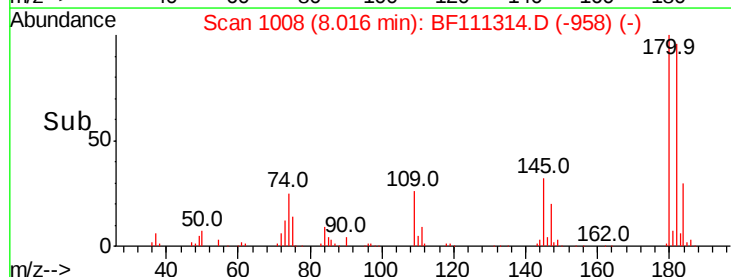
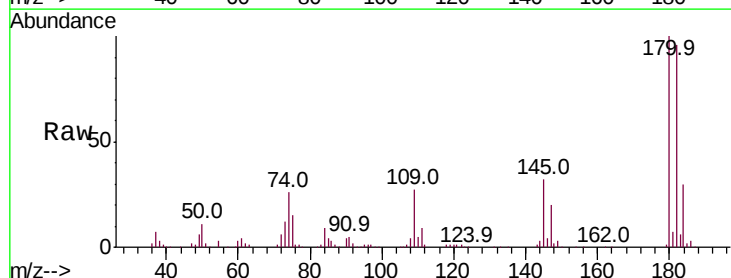
Instrument :
BNA_F
ClientSampleId :

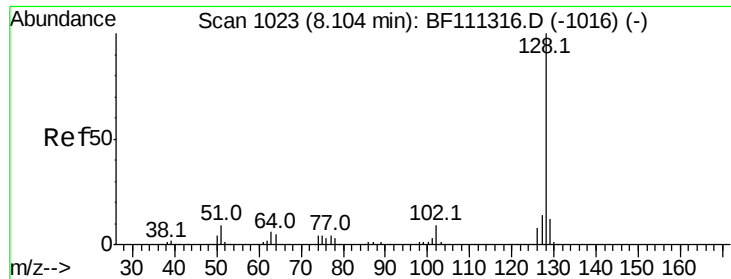
Tot Ion:162 Resp: 222418
Ion Ratio Lower Upper
162 100
164 62.7 44.4 84.4
98 40.9 20.3 60.3



#30
1,2,4-Trichlorobenzene
Concen: 10.761 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tgt Ion:180 Resp: 226657
Ion Ratio Lower Upper
180 100
182 95.5 75.6 113.4
145 32.1 26.7 40.1

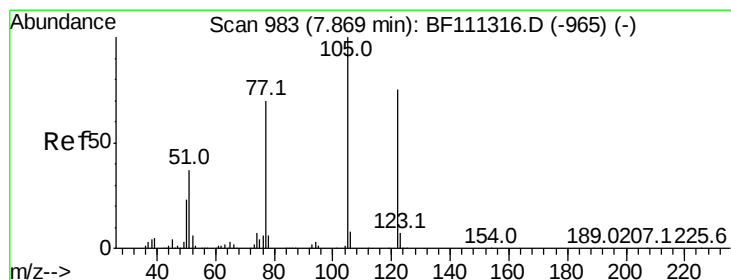
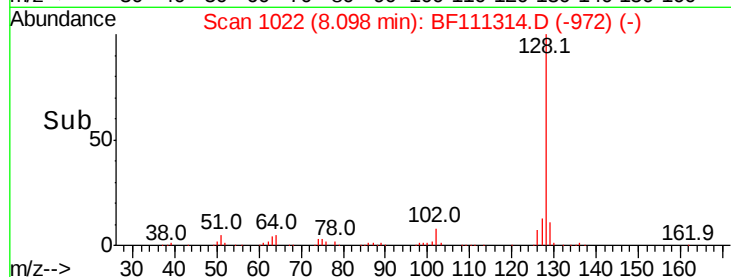
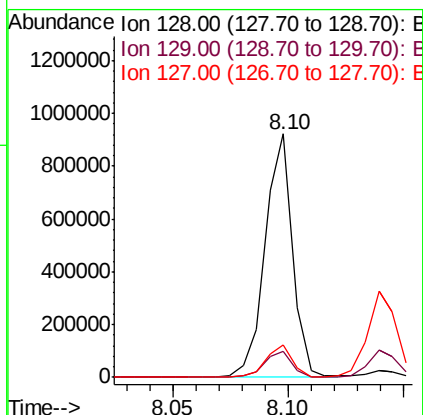
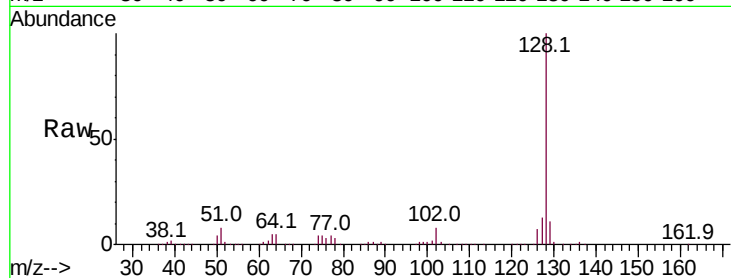




#31
Naphthalene
Concen: 11.908 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

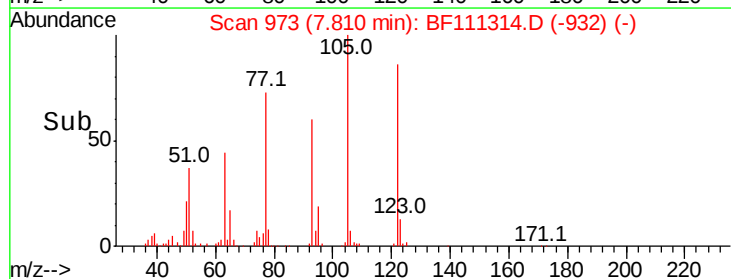
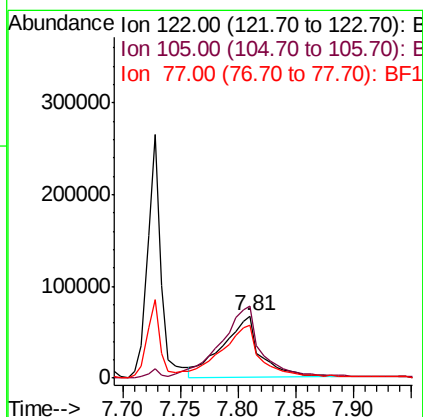
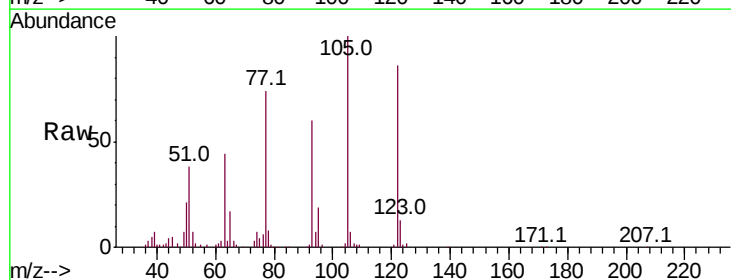
Instrument :
BNA_F
ClientSampleId :

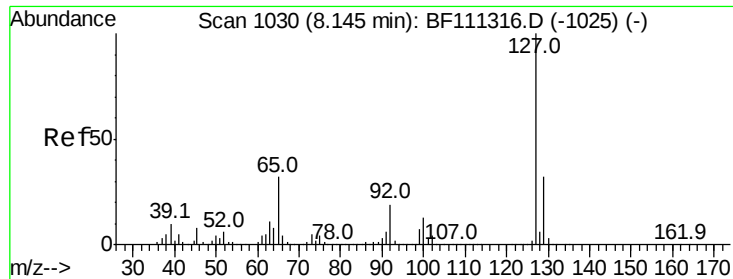
Tot Ion:128 Resp: 762844
Ion Ratio Lower Upper
128 100
129 10.9 9.8 14.8
127 13.1 12.0 18.0



#32
Benzoic acid
Concen: 8.609 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.06 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tgt Ion:122 Resp: 148871
Ion Ratio Lower Upper
122 100
105 116.5 97.0 137.0
77 86.0 65.7 105.7

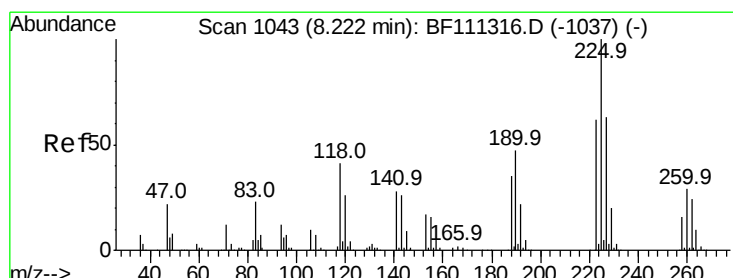
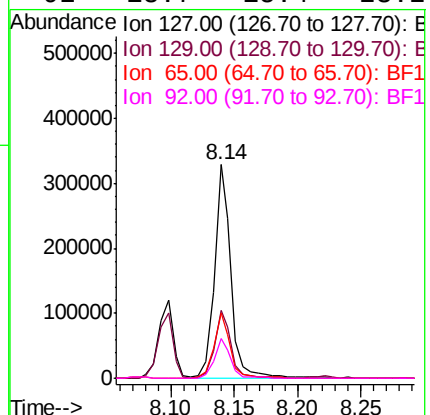
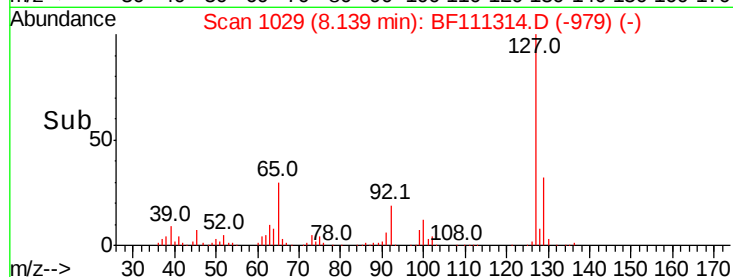
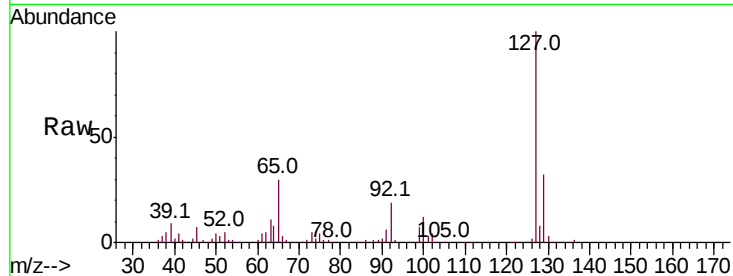




#33
4-Chloroaniline
Concen: 9.713 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

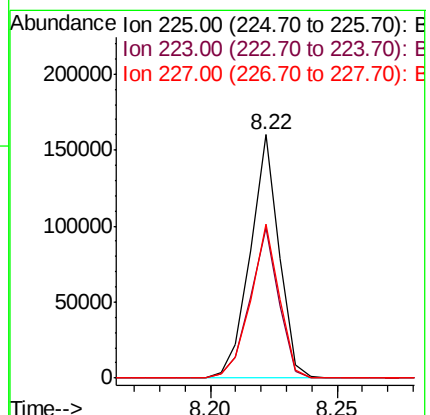
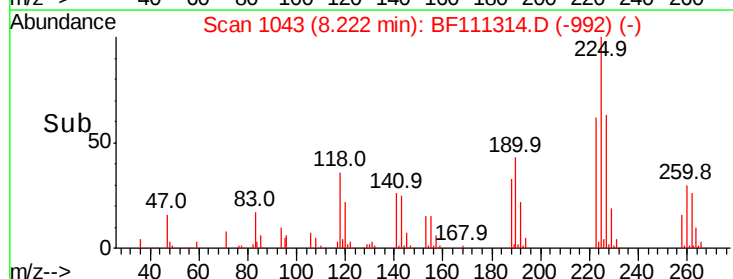
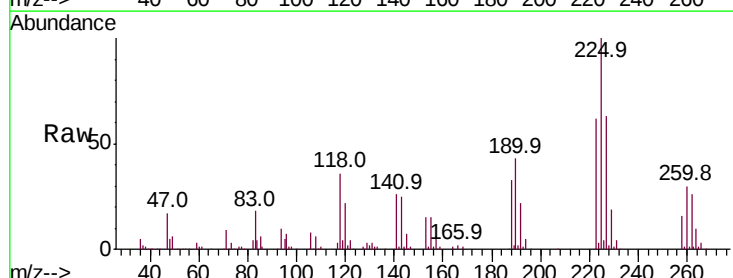
Instrument :
BNA_F
ClientSampled :

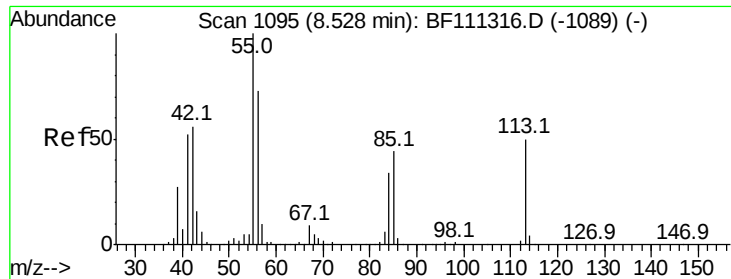
Tot Ion:	127	Resp:	298850
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.6	39.8
65	30.4	25.7	38.5
92	18.7	15.4	23.2



#34
Hexachlorobutadiene
Concen: 10.867 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tgt Ion:	225	Resp:	126340
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.7	76.1
227	63.4	52.6	78.8

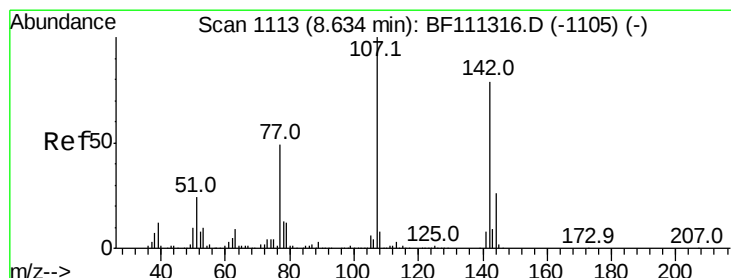
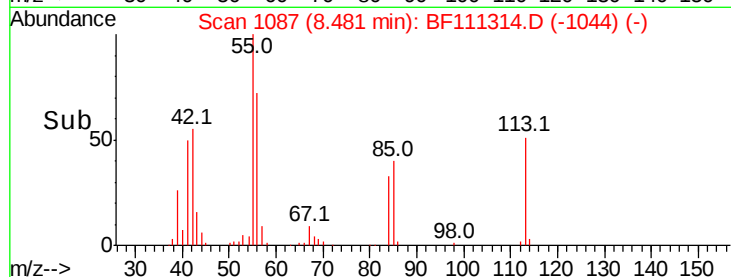
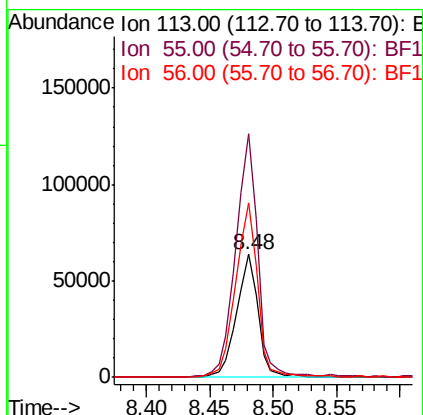
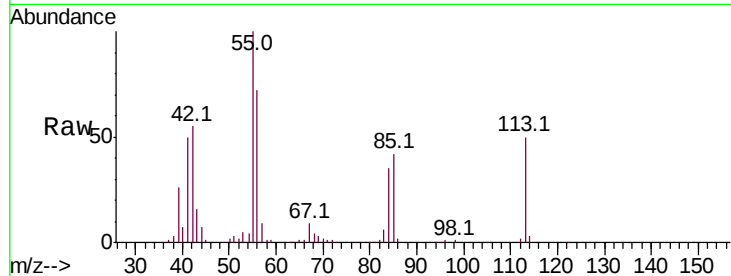




#35
Caprolactam
Concen: 9.874 ng
RT: 8.48 min Scan# 1087
Delta R.T. -0.05 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

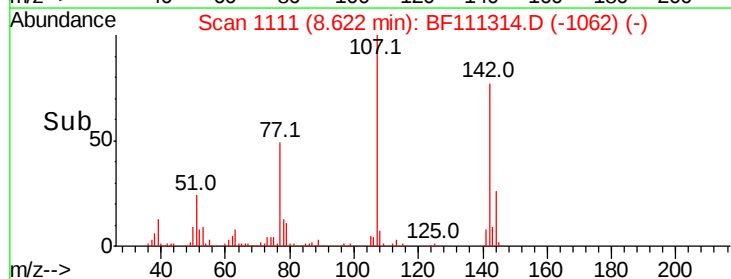
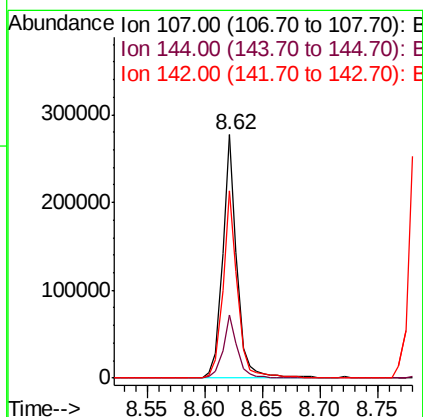
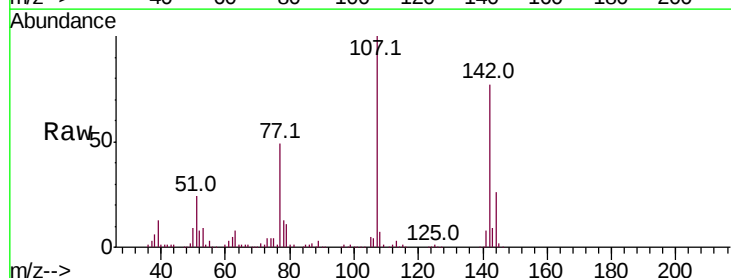
Instrument :
BNA_F
ClientSampleId :

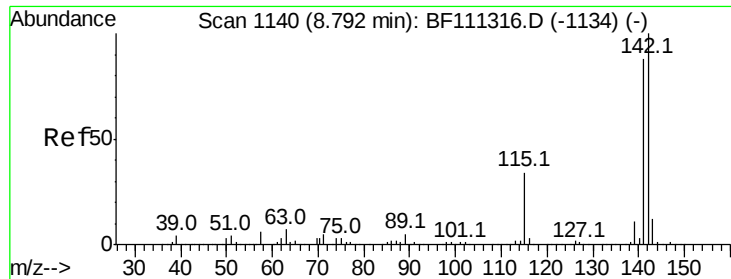
Tot Ion:113 Resp: 74813
Ion Ratio Lower Upper
113 100
55 198.2 184.1 224.1
56 142.2 126.0 166.0



#36
4-Chloro-3-methylphenol
Concen: 10.914 ng
RT: 8.62 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tgt Ion:107 Resp: 238933
Ion Ratio Lower Upper
107 100
144 25.8 19.8 29.6
142 76.8 62.3 93.5

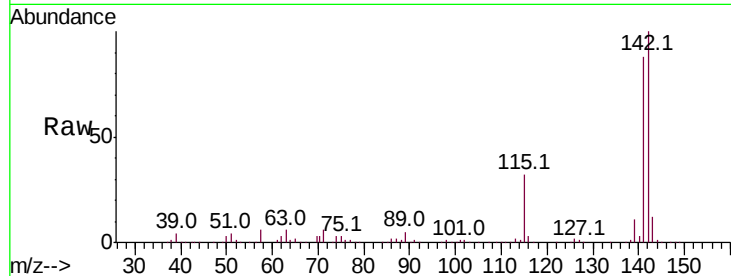




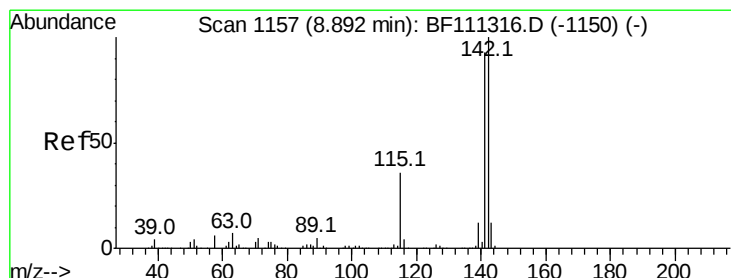
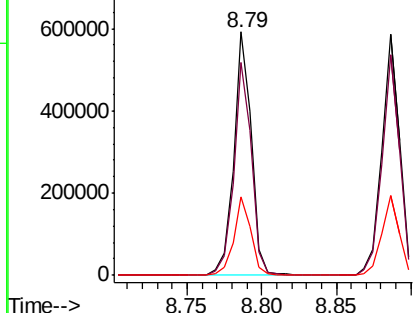
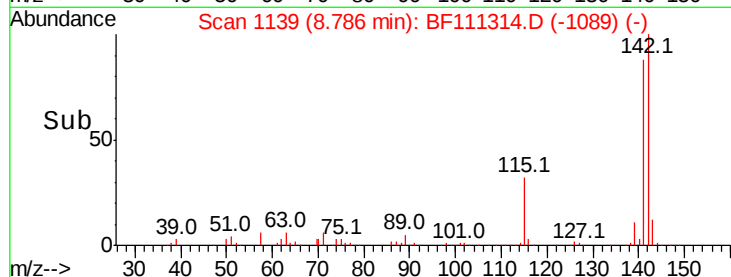
#37
 2-Methylnaphthalene
 Concen: 11.626 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. -0.01 min
 Lab File: BF111314.D
 Acq: 12 Dec 2018 10:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.6	105.8
115	32.4	27.0	40.6

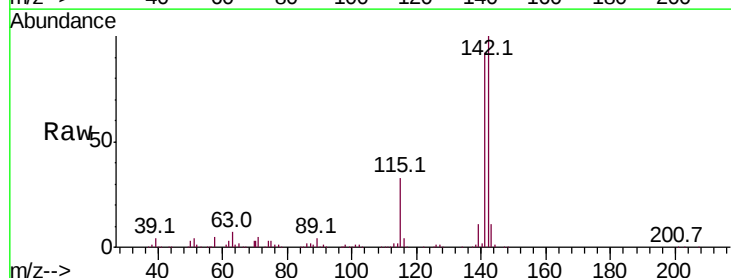


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

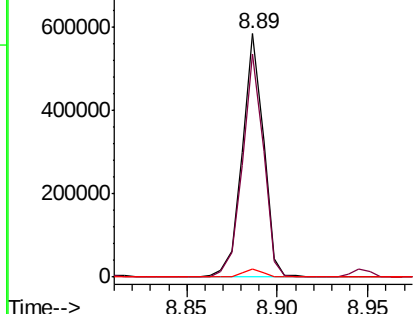
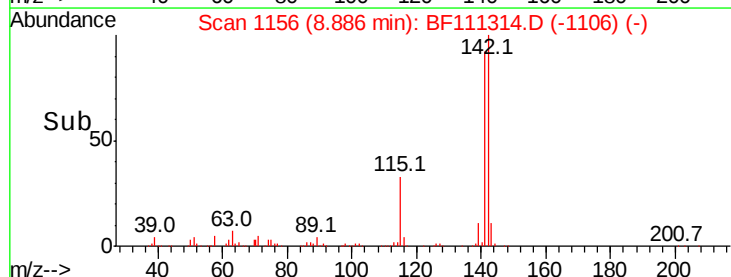


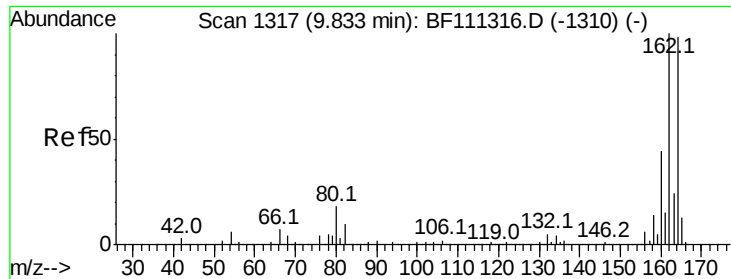
#38
 1-Methylnaphthalene
 Concen: 11.381 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BF111314.D
 Acq: 12 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.2	111.4
116	3.5	2.9	4.3



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

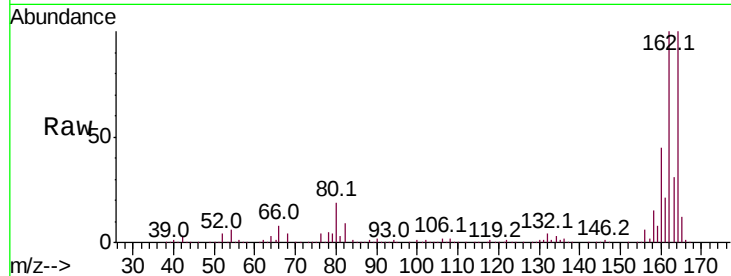




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.4	122.0
160	44.7	35.7	53.5

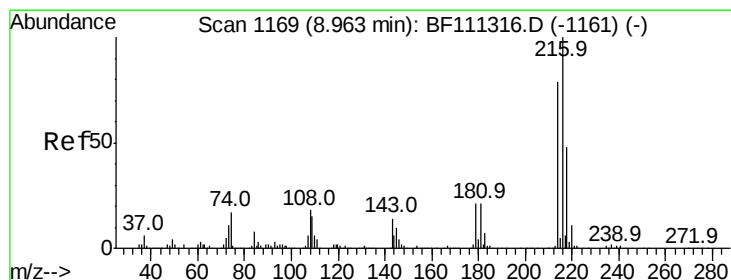
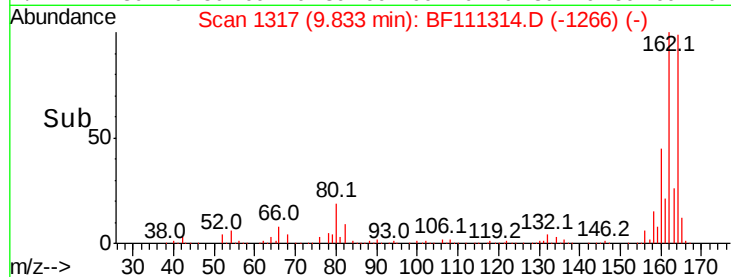
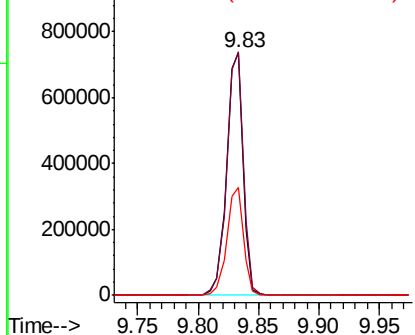


Abundance

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: 11.198 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.8	95.8
179	22.1	17.9	26.9
108	20.8	18.4	27.6

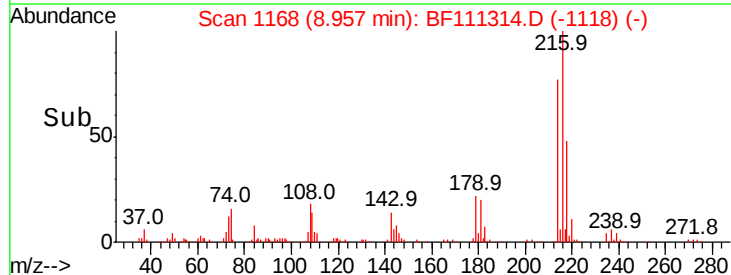
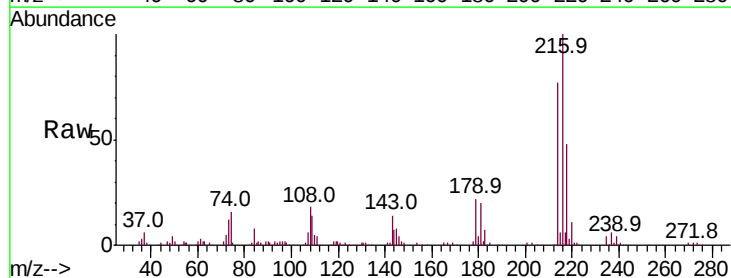
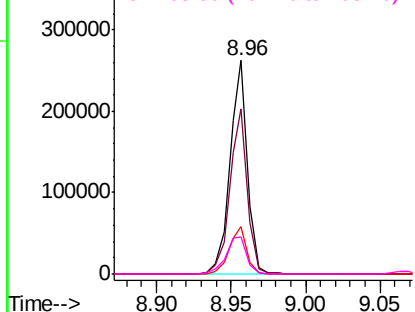
Abundance

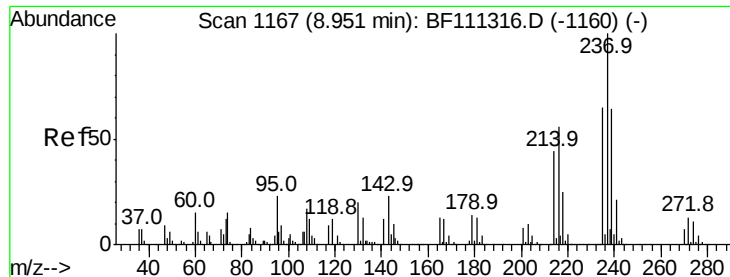
Ion 216.00 (215.70 to 216.70): E

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: 9.519 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Instrument :

BNA_F

ClientSampleId :

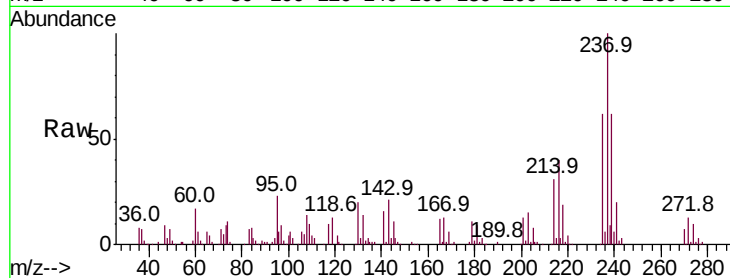
Tot Ion:237 Resp: 105014

Ion Ratio Lower Upper

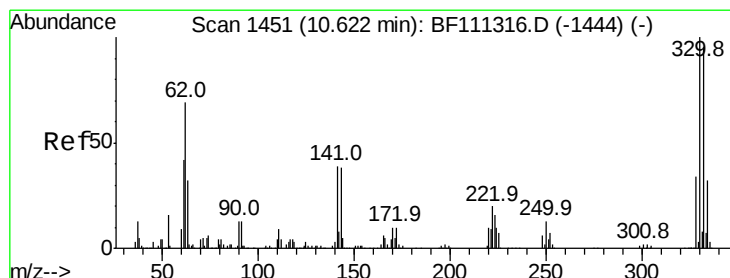
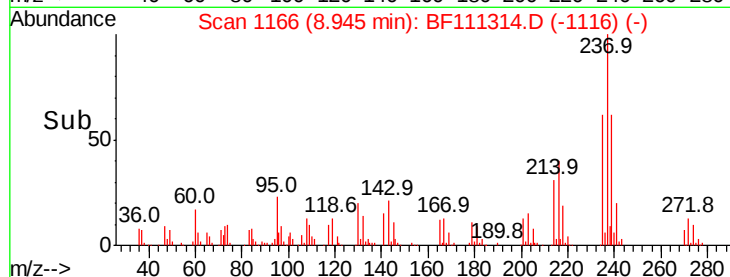
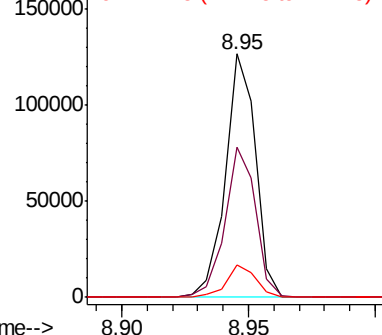
237 100

235 61.9 43.1 83.1

272 13.2 0.0 33.0



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: 21.963 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

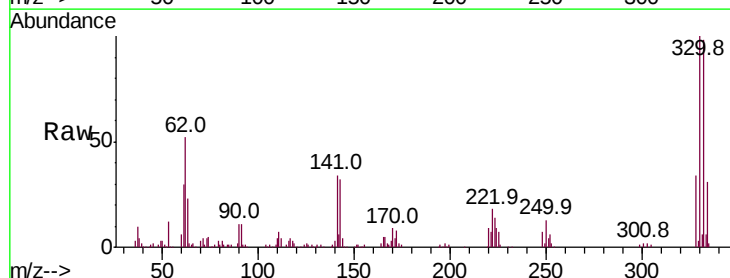
Tgt Ion:330 Resp: 135437

Ion Ratio Lower Upper

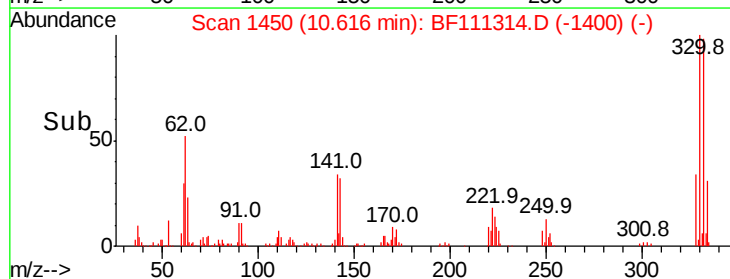
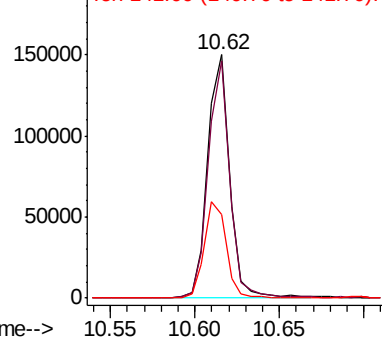
330 100

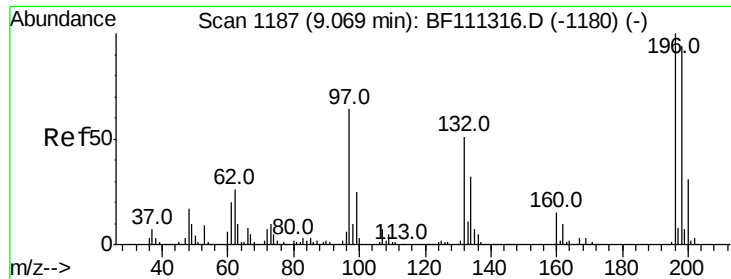
332 95.6 76.0 114.0

141 40.5 31.0 46.6



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

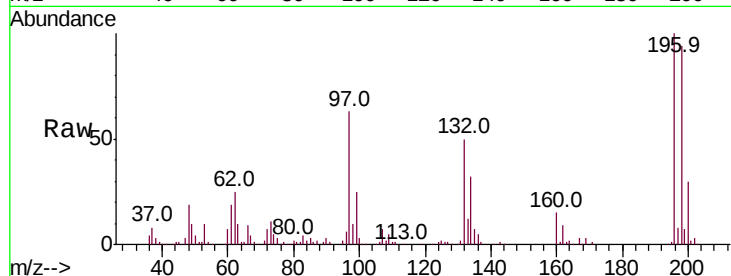




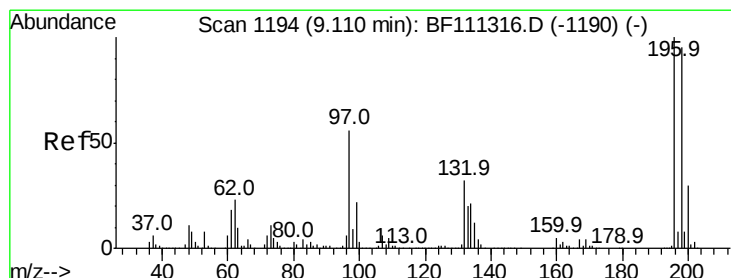
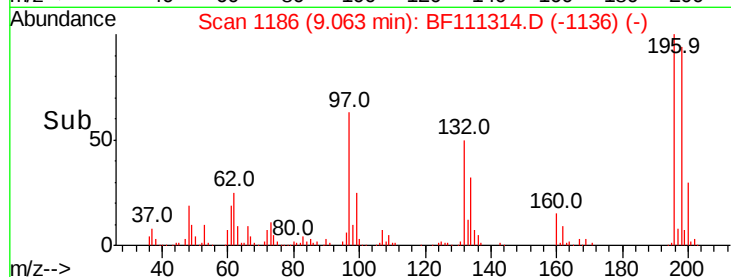
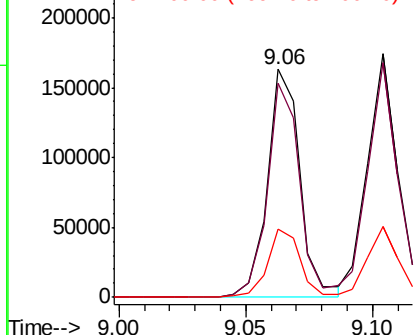
#43
 2,4,6-Trichlorophenol
 Concen: 10.168 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF111314.D
 Acq: 12 Dec 2018 10:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 147844
 Ion Ratio Lower Upper
 196 100
 198 94.0 76.3 114.5
 200 29.9 24.9 37.3

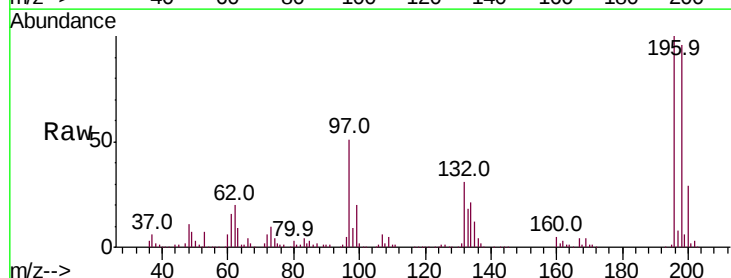


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

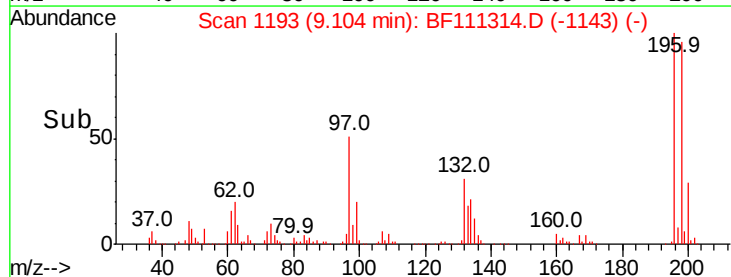
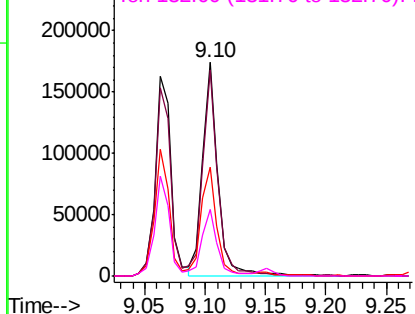


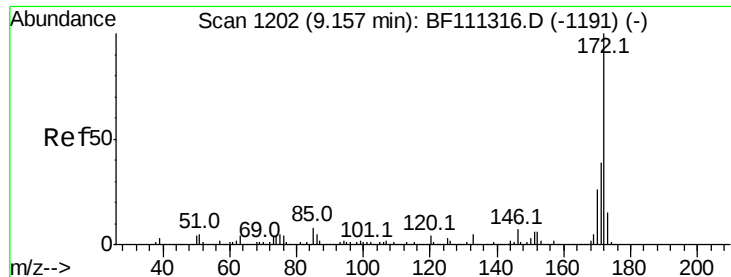
#44
 2,4,5-Trichlorophenol
 Concen: 10.344 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF111314.D
 Acq: 12 Dec 2018 10:14

Tgt Ion:196 Resp: 156674
 Ion Ratio Lower Upper
 196 100
 198 96.4 72.9 109.3
 97 51.2 45.3 67.9
 132 31.2 25.5 38.3



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E



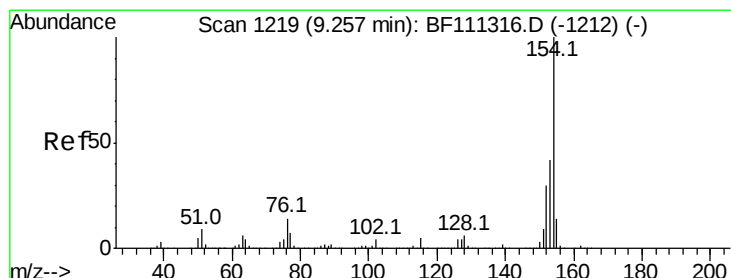
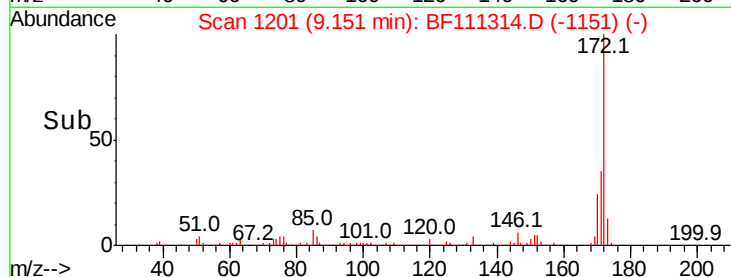
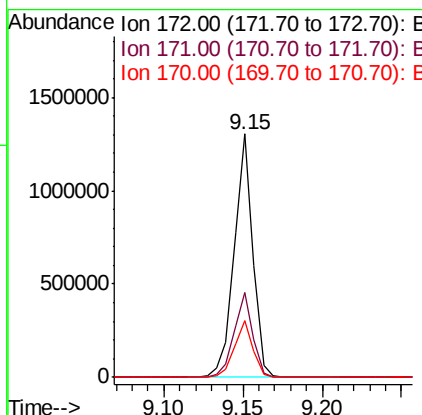
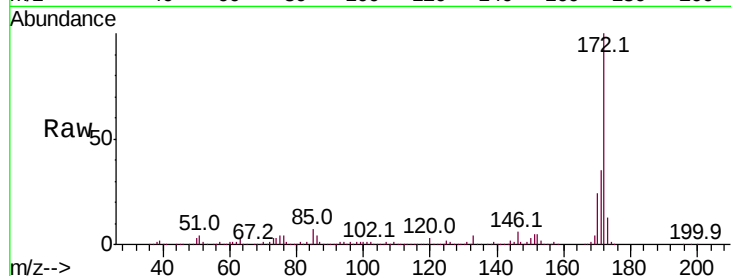


#45
 2-Fluorobiphenyl
 Concen: 24.143 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111314.D
 Acq: 12 Dec 2018 10:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1065470

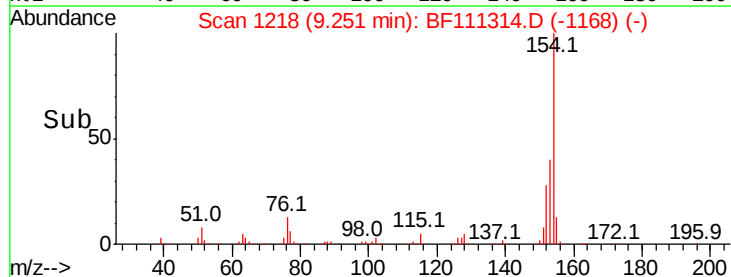
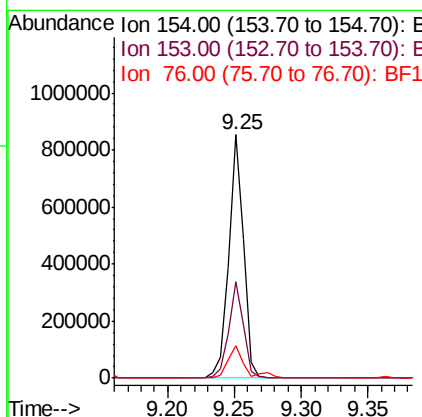
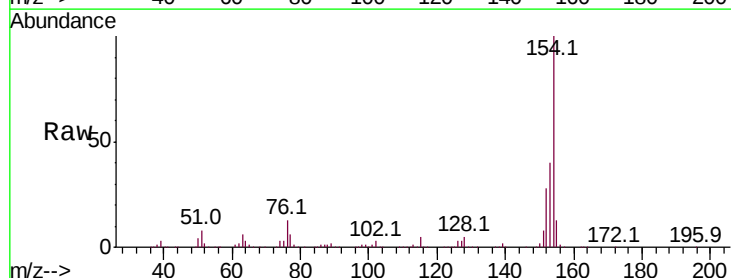
Ion	Ratio	Lower	Upper
172	100		
171	35.1	33.0	49.4
170	23.5	22.3	33.5

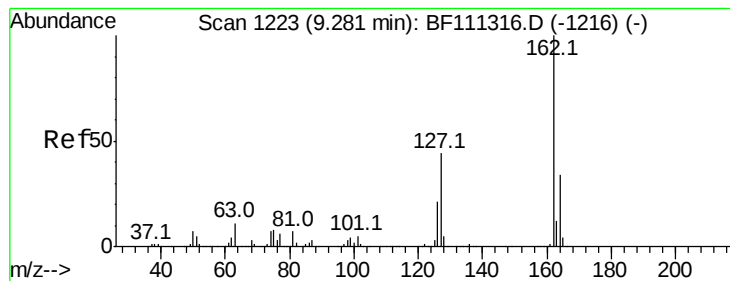


#46
 1,1'-Biphenyl
 Concen: 11.456 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF111314.D
 Acq: 12 Dec 2018 10:14

Tgt Ion:154 Resp: 670393

Ion	Ratio	Lower	Upper
154	100		
153	39.6	23.7	63.7
76	13.4	0.0	35.0





#47

2-Chloronaphthalene

Concen: 11.008 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Instrument :

BNA_F

ClientSampleId :

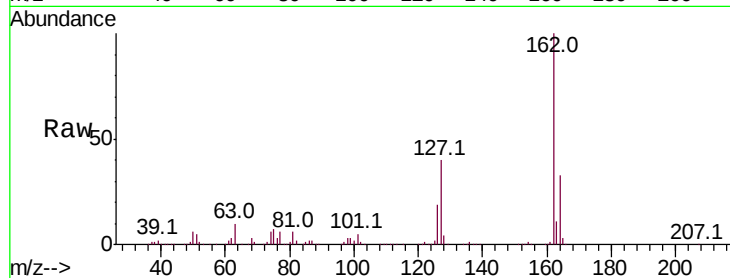
Tot Ion:162 Resp: 501410

Ion Ratio Lower Upper

162 100

127 39.7 35.0 52.4

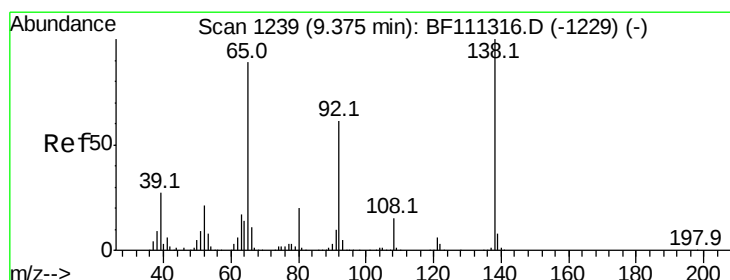
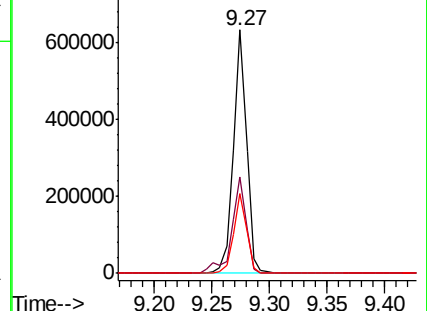
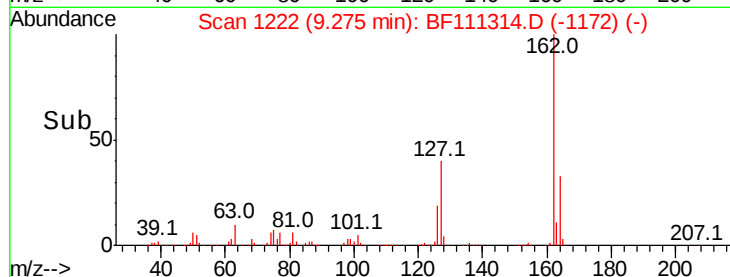
164 33.0 28.4 42.6



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: 9.724 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

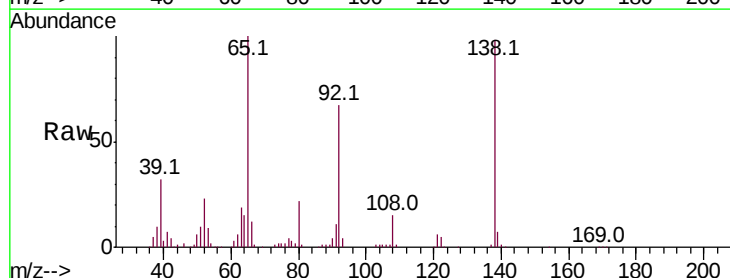
Tgt Ion: 65 Resp: 151091

Ion Ratio Lower Upper

65 100

92 66.6 53.5 80.3

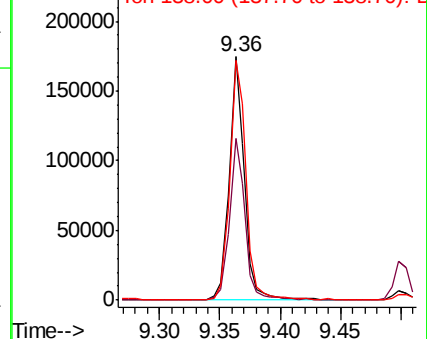
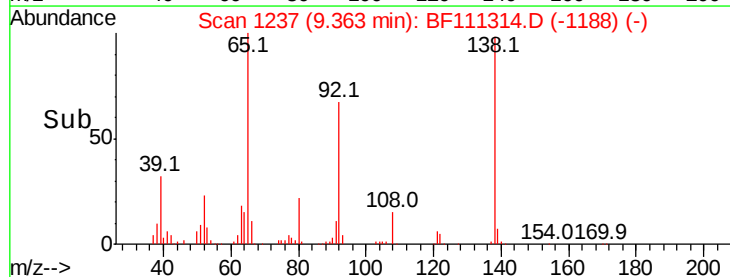
138 98.2 80.9 121.3

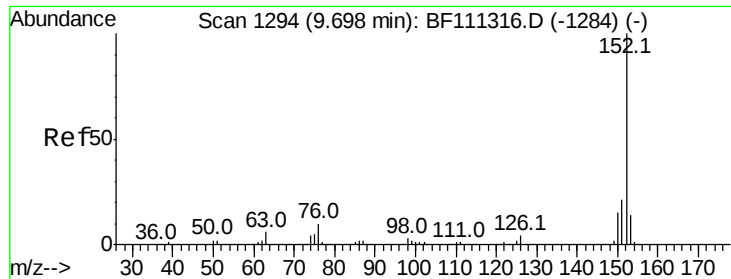


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 11.152 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Instrument :

BNA_F

ClientSampled :

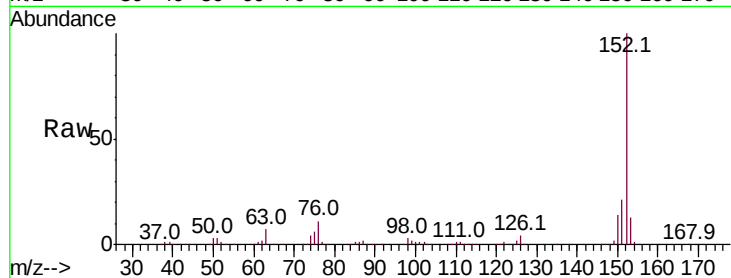
Tot Ion:152 Resp: 737468

Ion Ratio Lower Upper

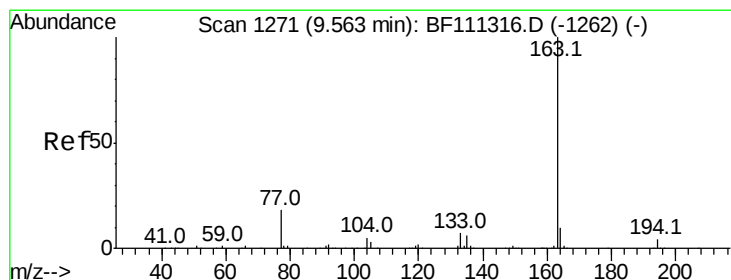
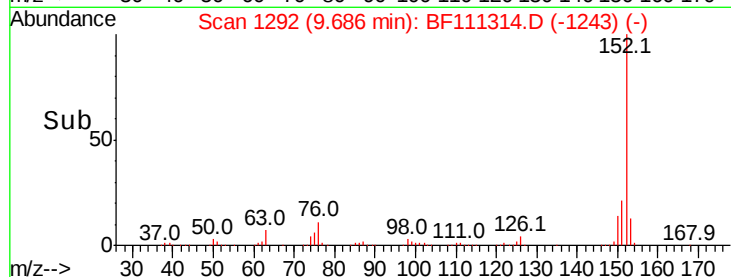
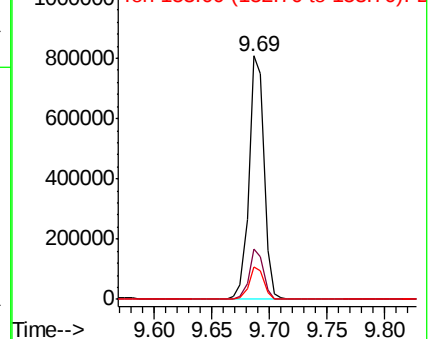
152 100

151 20.5 18.0 27.0

153 13.5 12.3 18.5



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: 10.565 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

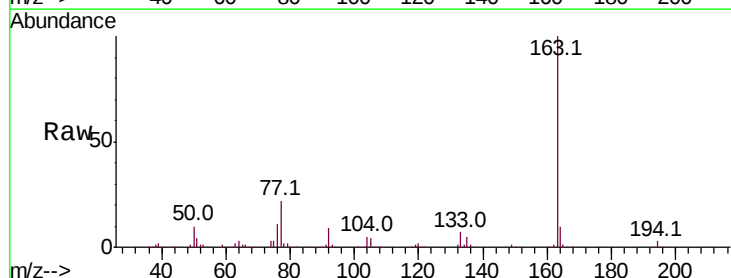
Tgt Ion:163 Resp: 542691

Ion Ratio Lower Upper

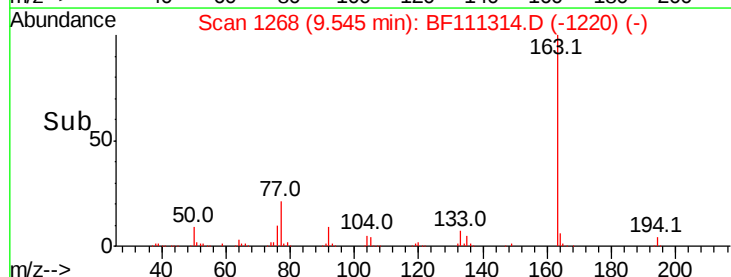
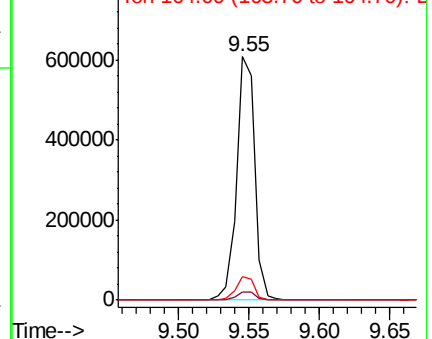
163 100

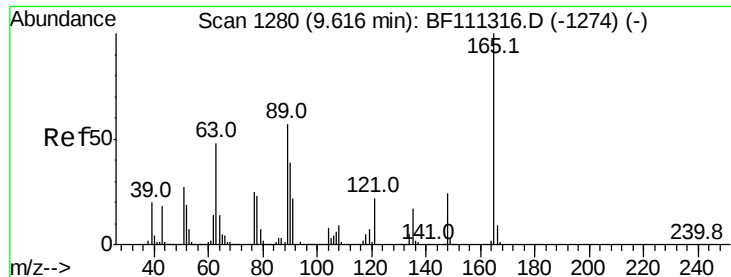
194 3.4 3.0 4.6

164 9.8 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

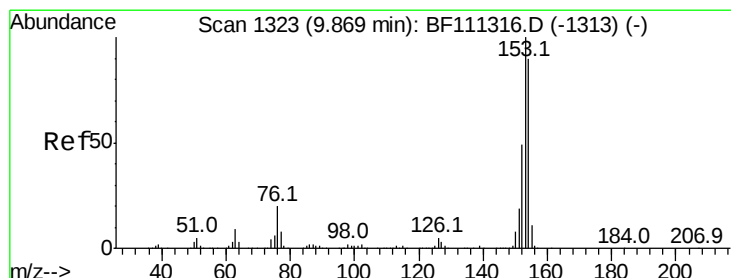
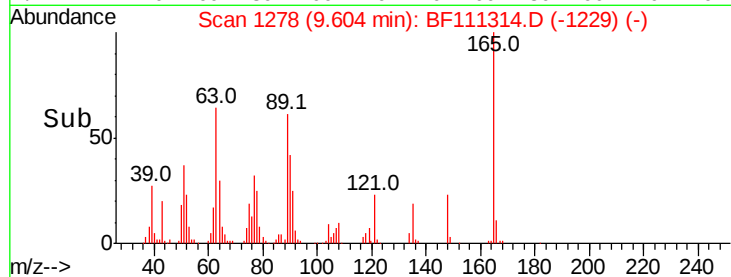
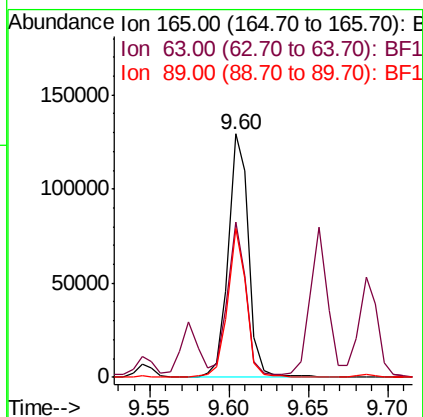
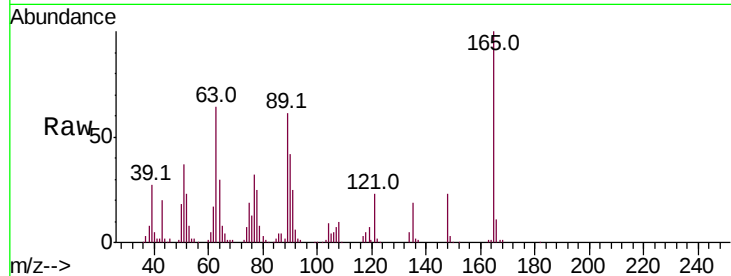




#51
2,6-Dinitrotoluene
Concen: 10.109 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

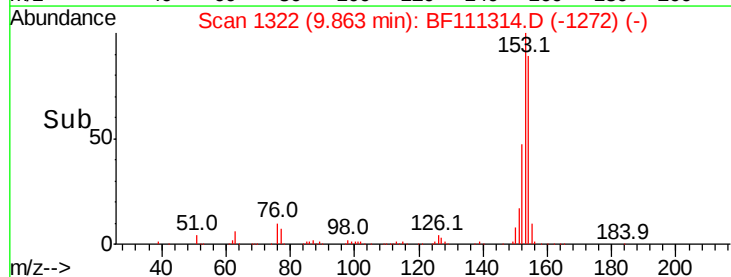
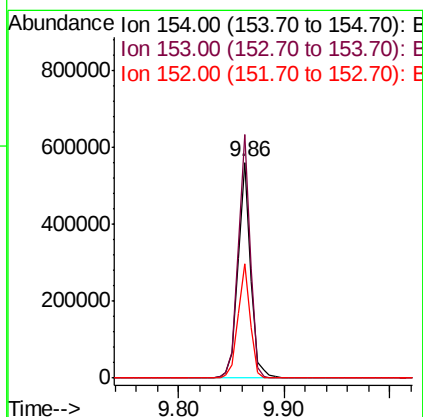
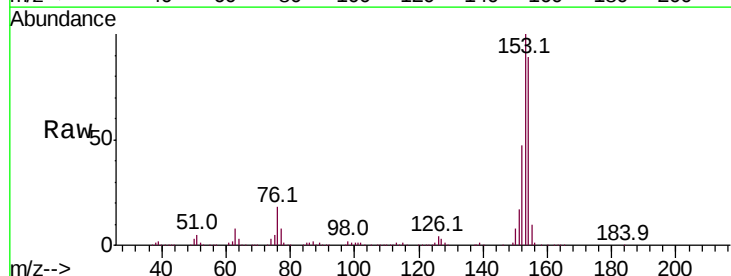
Instrument :
BNA_F
ClientSampleId :

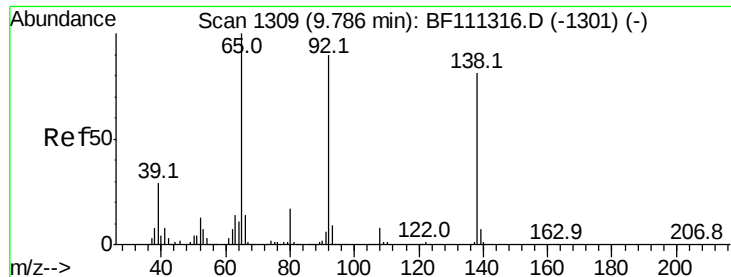
Tot Ion:165 Resp: 114673
Ion Ratio Lower Upper
165 100
63 63.9 40.5 60.7#
89 61.2 40.0 60.0#



#52
Acenaphthene
Concen: 11.012 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tgt Ion:154 Resp: 456990
Ion Ratio Lower Upper
154 100
153 112.8 87.8 131.8
152 53.2 43.4 65.2

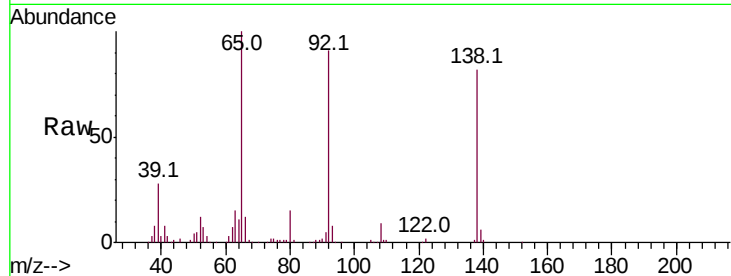




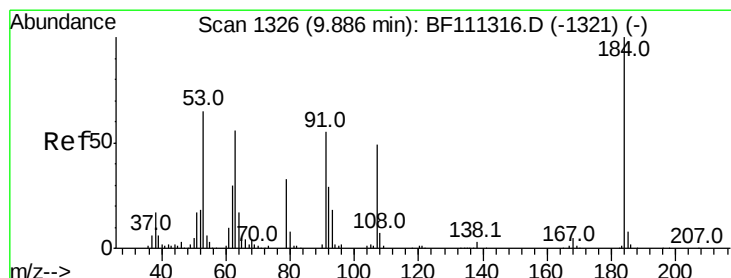
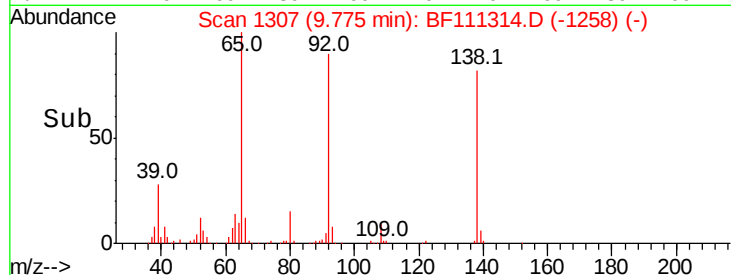
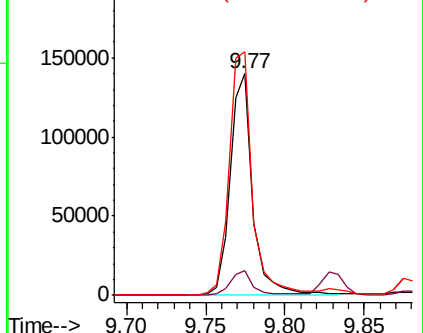
#53
3-Nitroaniline
Concen: 9.876 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 138274
Ion Ratio Lower Upper
138 100
108 11.2 8.2 12.4
92 109.9 93.4 140.2

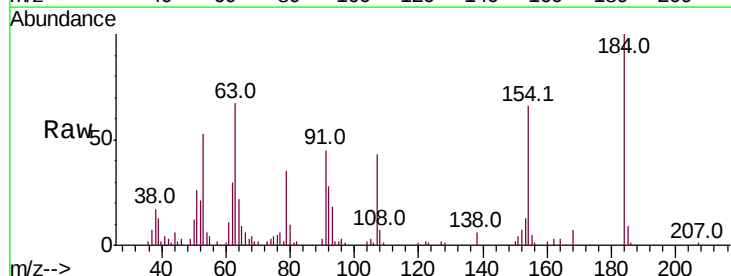


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

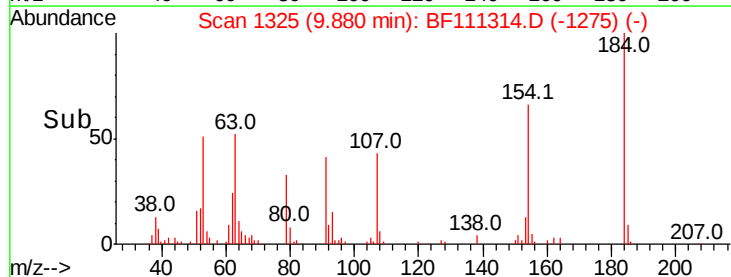
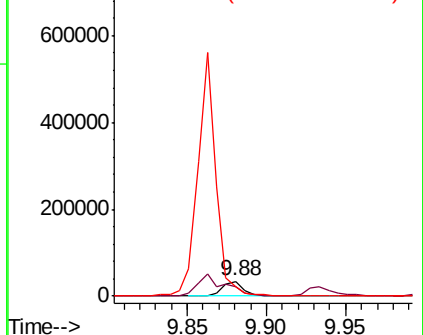


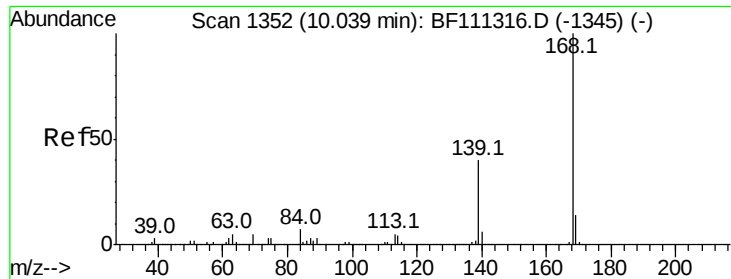
#54
2,4-Dinitrophenol
Concen: 7.242 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tgt Ion:184 Resp: 32464
Ion Ratio Lower Upper
184 100
63 66.7 62.3 93.5
154 65.9 56.2 84.2



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

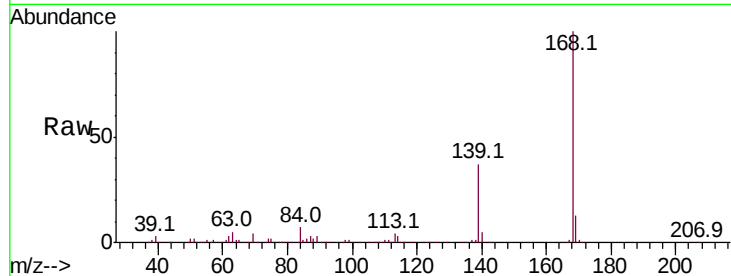




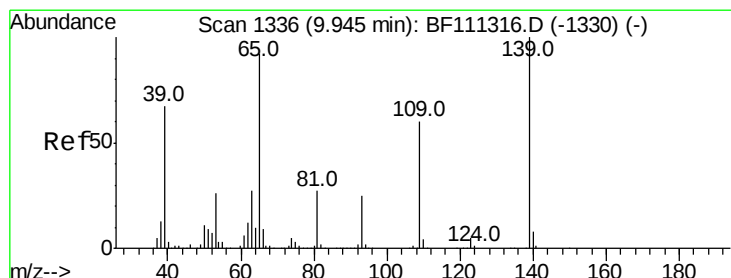
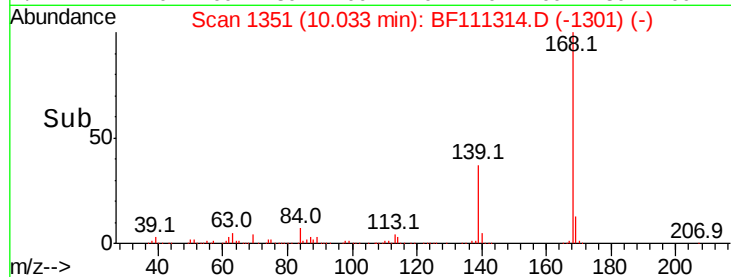
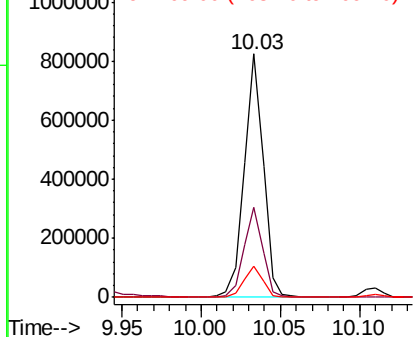
#55
Dibenzofuran
Concen: 12.095 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 682839
Ion Ratio Lower Upper
168 100
139 36.8 32.6 49.0
169 13.0 11.8 17.6

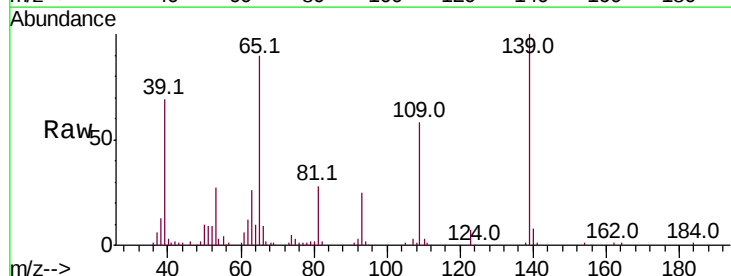


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

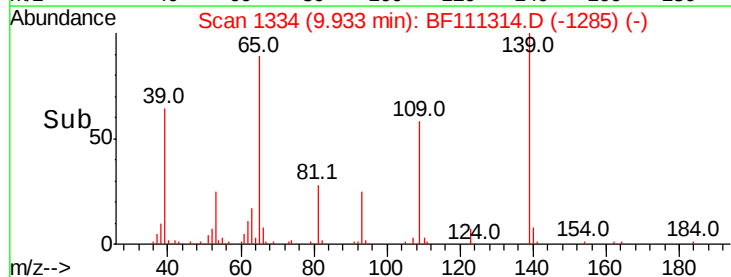
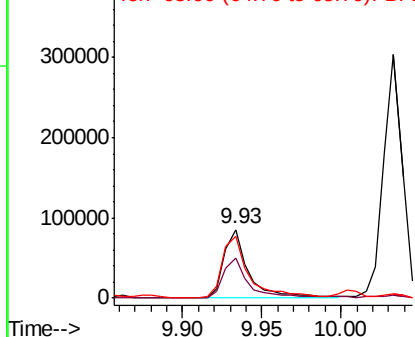


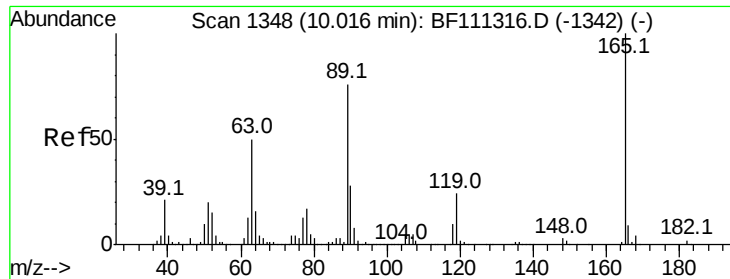
#56
4-Nitrophenol
Concen: 8.546 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tgt Ion:139 Resp: 93196
Ion Ratio Lower Upper
139 100
109 58.1 41.8 81.8
65 90.1 79.6 119.6



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

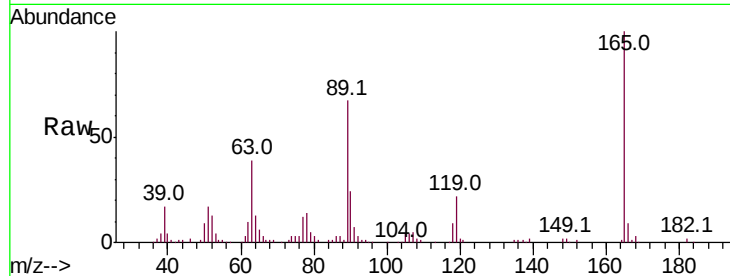




#57
2,4-Dinitrotoluene
Concen: 10.409 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.1	34.6	52.0
89	67.5	56.2	84.4
182	2.4	1.8	2.6



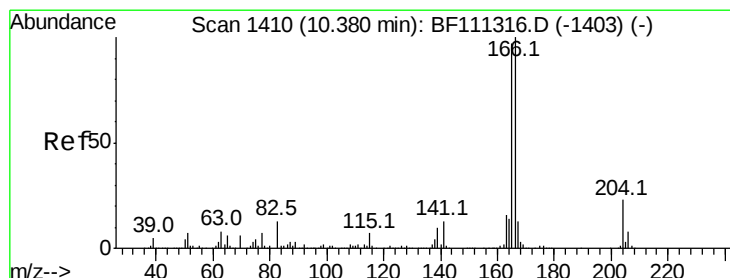
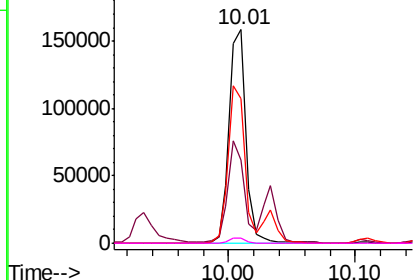
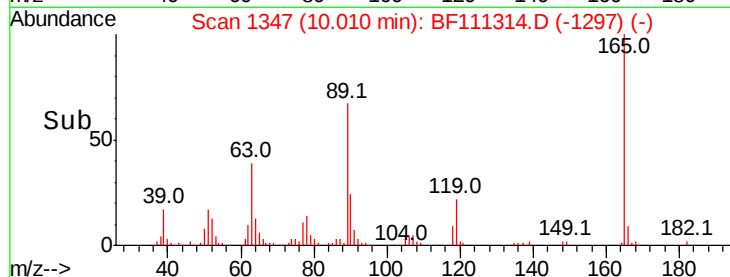
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

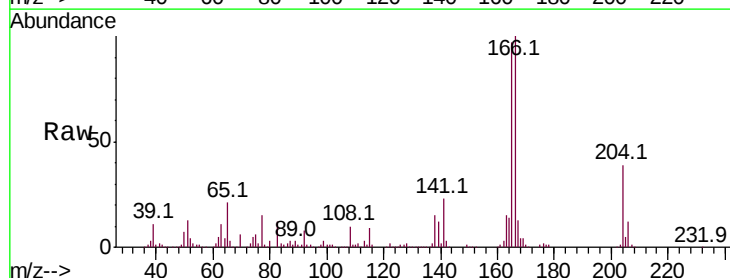
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 11.162 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.4	117.6
167	13.2	11.2	16.8

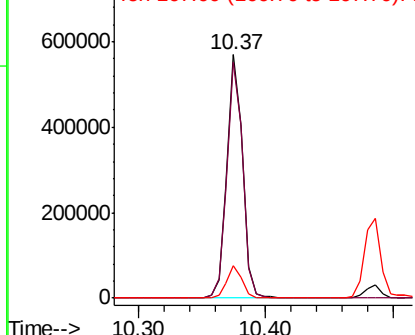
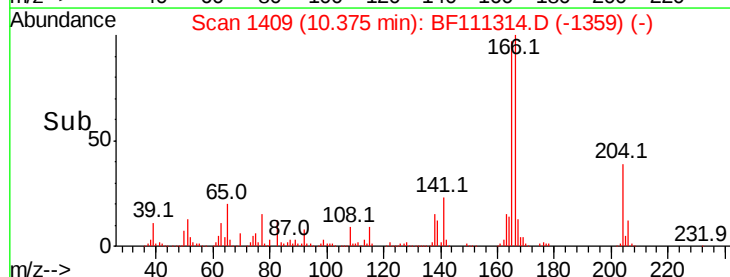


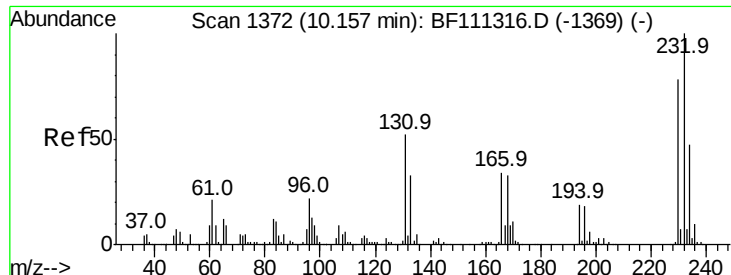
Abundance

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

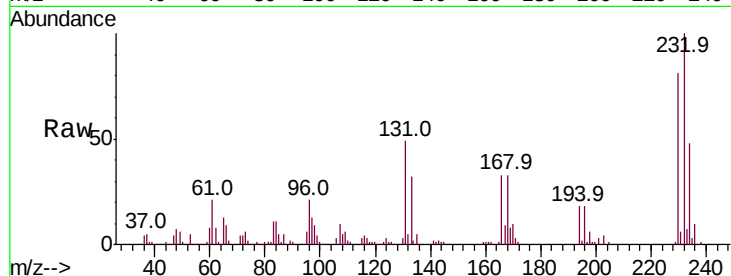




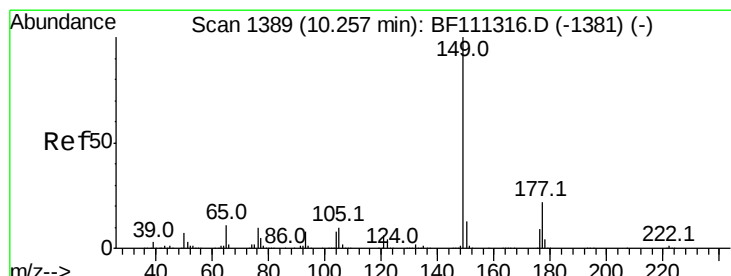
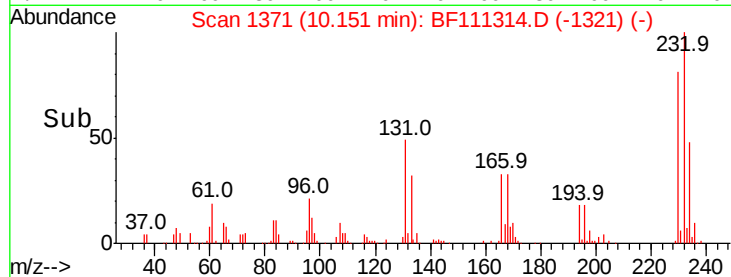
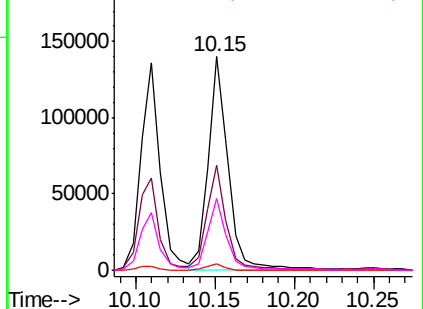
#59
2,3,4,6-Tetrachlorophenol
Concen: 10.667 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	232	Resp:	122469
Ion	Ratio	Lower	Upper
232	100		
131	49.6	40.9	61.3
130	2.5	2.0	3.0
166	31.5	26.8	40.2

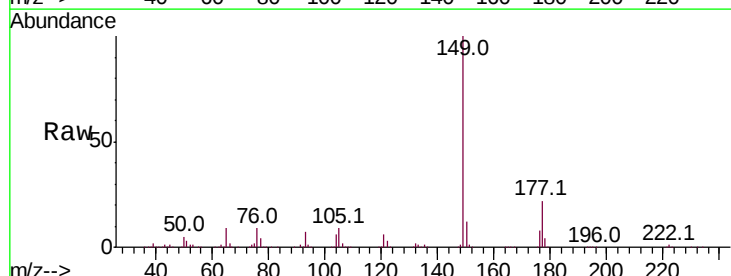


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

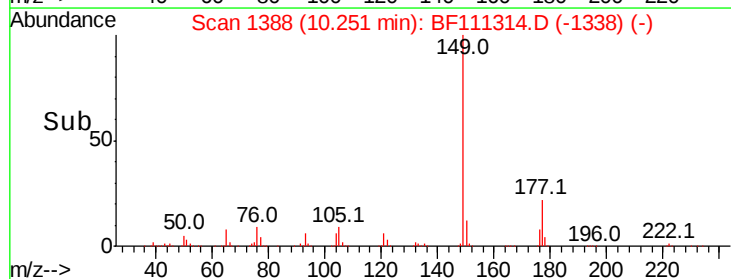
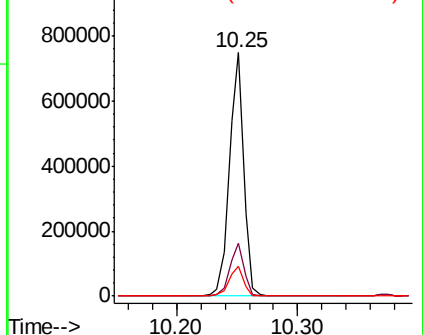


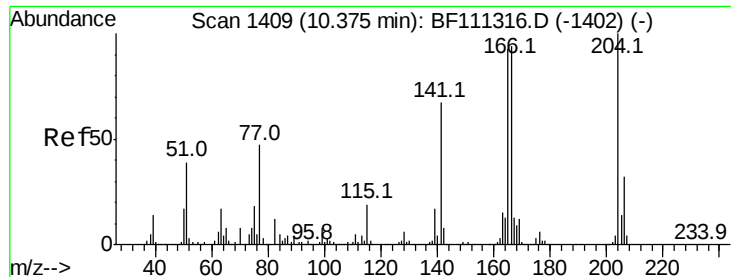
#60
Diethylphthalate
Concen: 12.618 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tgt Ion:	149	Resp:	617931
Ion	Ratio	Lower	Upper
149	100		
177	21.7	18.3	27.5
150	12.3	10.6	15.8



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

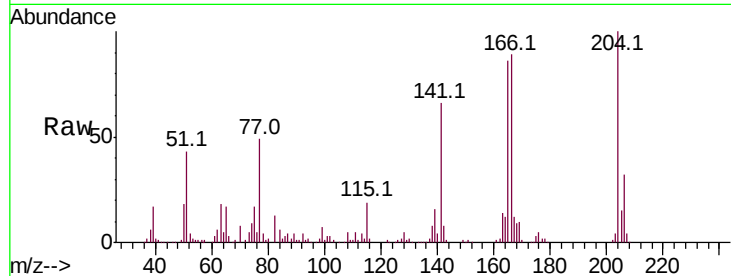




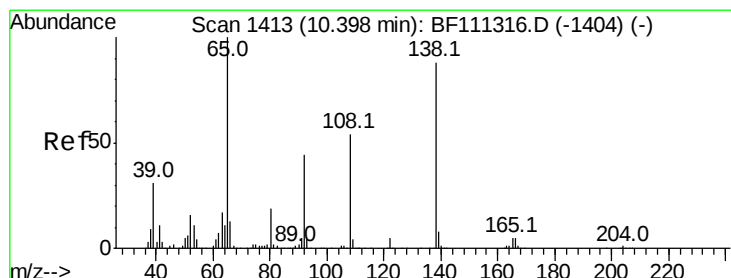
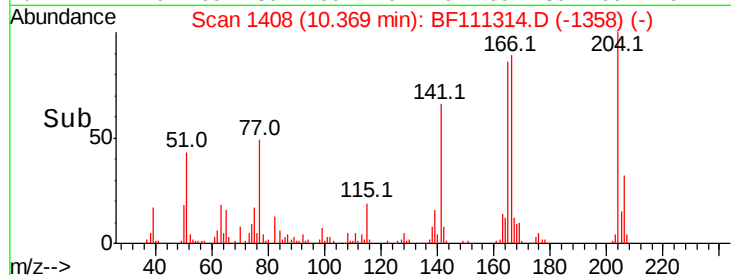
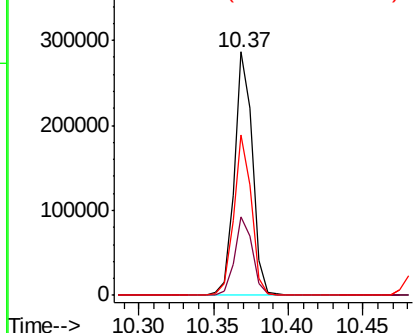
#61
4-Chlorophenyl-phenylether
Concen: 11.261 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 244264
Ion Ratio Lower Upper
204 100
206 32.3 26.6 39.8
141 66.1 52.6 78.8

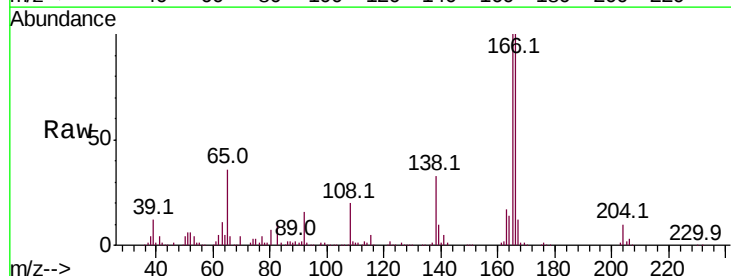


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

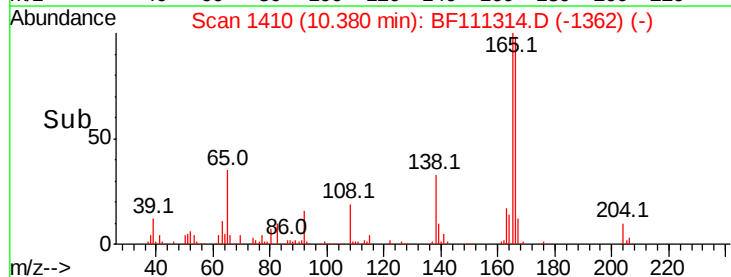
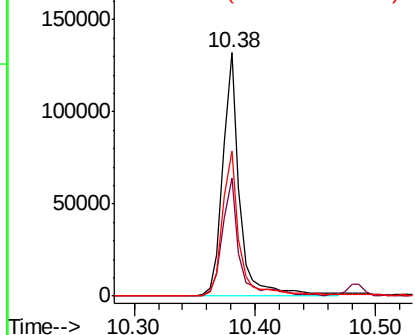


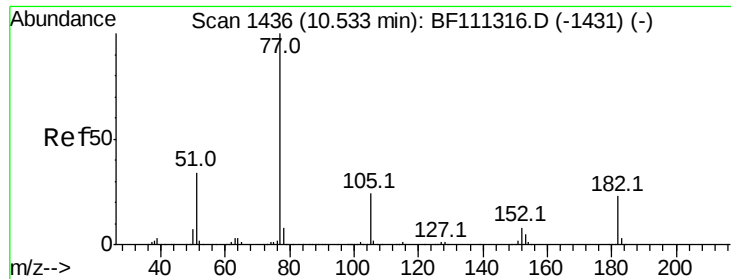
#62
4-Nitroaniline
Concen: 9.655 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tgt Ion:138 Resp: 127908
Ion Ratio Lower Upper
138 100
92 48.5 29.9 69.9
108 59.8 43.2 83.2



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





#63

Azobenzene

Concen: 10.892 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 553773

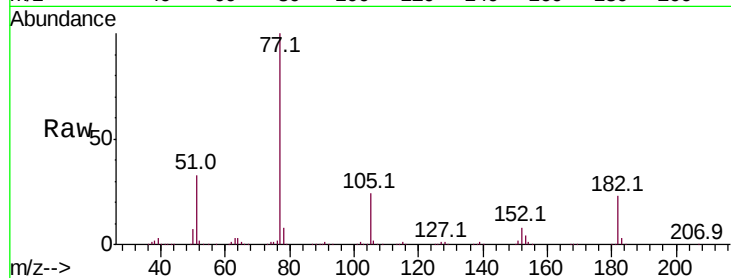
Ion Ratio Lower Upper

77 100

182 22.5 4.9 44.9

105 23.9 6.0 46.0

51 32.8 14.7 54.7

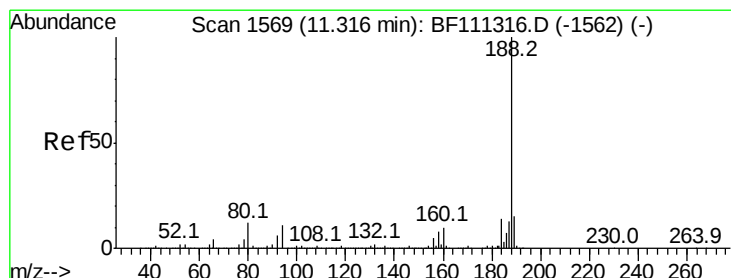
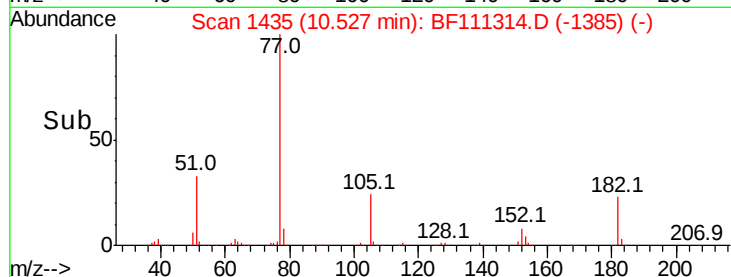
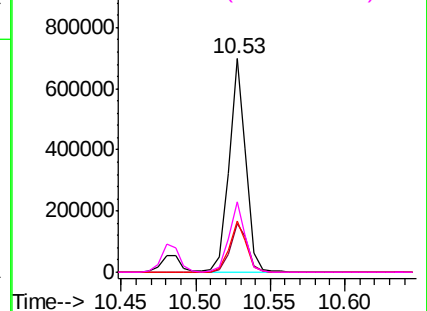


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

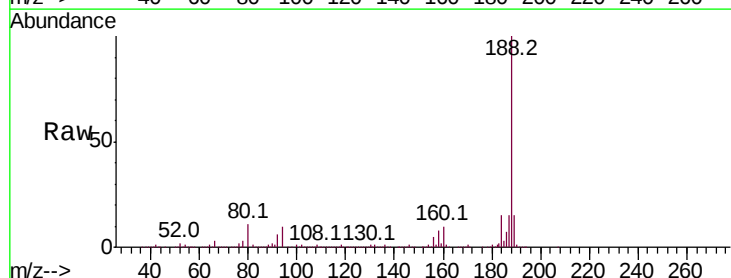
Tgt Ion: 188 Resp: 1182550

Ion Ratio Lower Upper

188 100

94 10.1 9.6 14.4

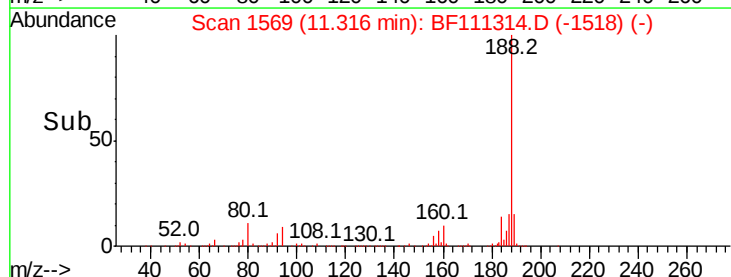
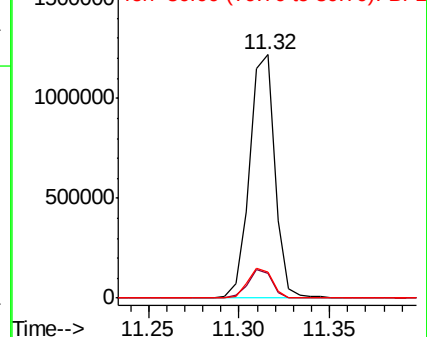
80 10.7 9.8 14.6

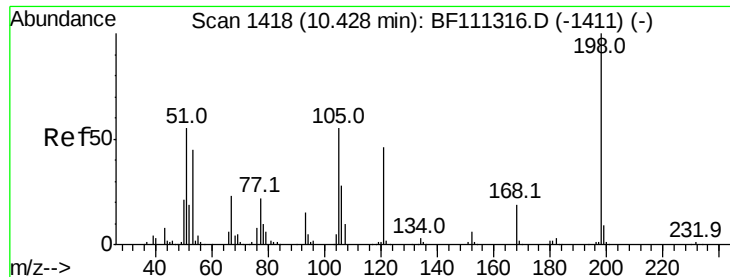


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

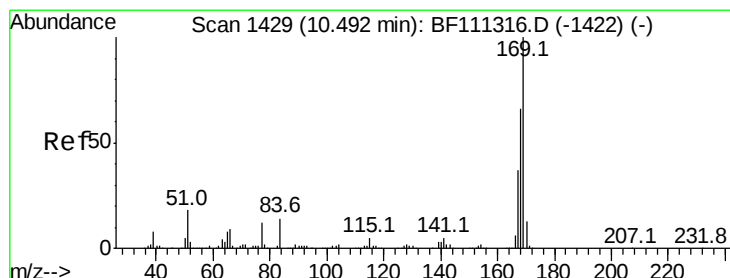
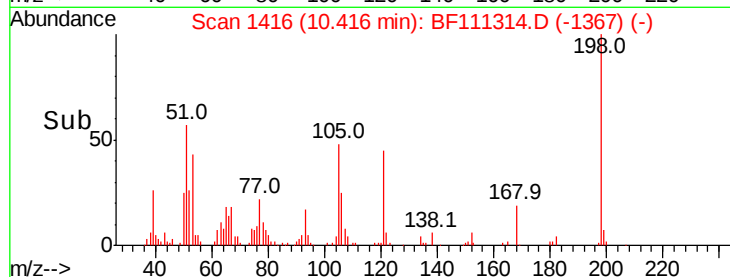
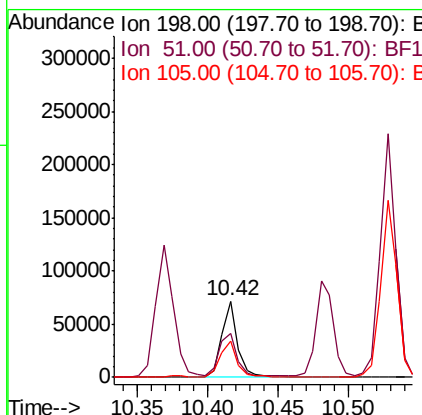
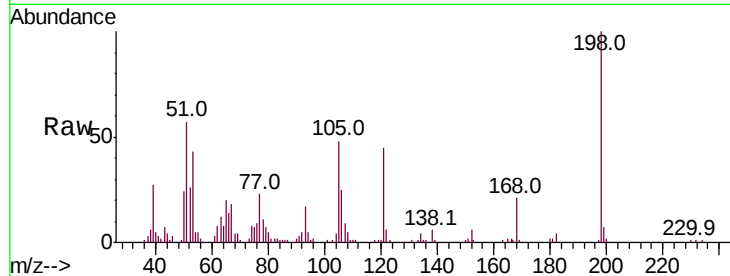




#65
4,6-Dinitro-2-methylphenol
Concen: 9.010 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

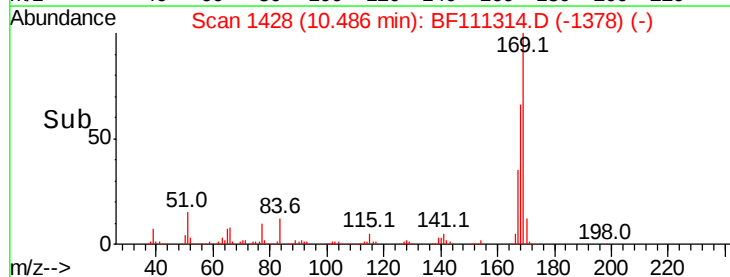
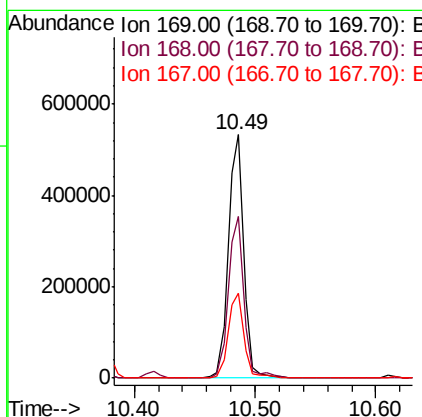
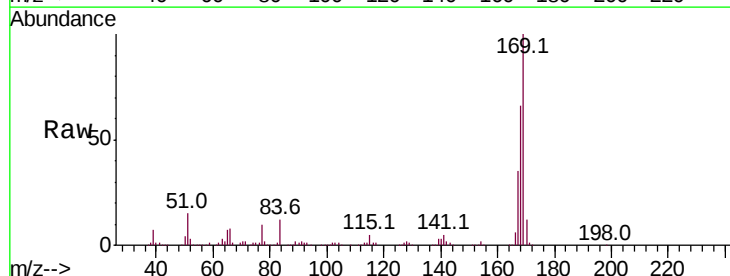
Instrument :
BNA_F
ClientSampled :

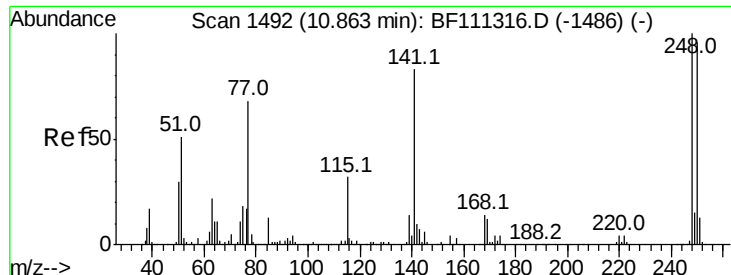
Tot Ion:198 Resp: 57487
Ion Ratio Lower Upper
198 100
51 56.9 48.0 88.0
105 48.0 34.0 74.0



#66
n-Nitrosodiphenylamine
Concen: 11.746 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tgt Ion:169 Resp: 472849
Ion Ratio Lower Upper
169 100
168 66.5 54.4 81.6
167 35.1 30.5 45.7

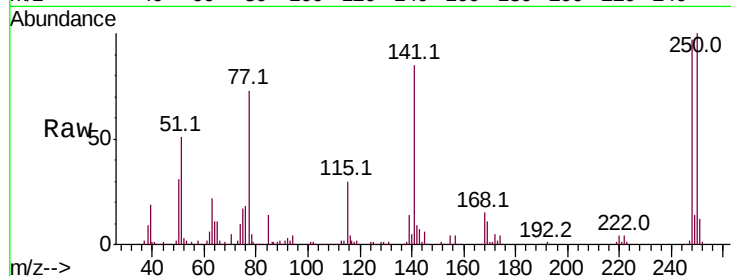




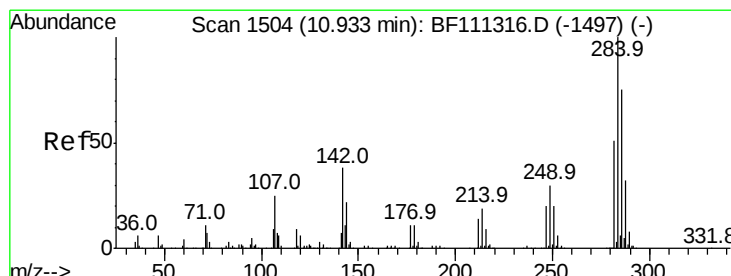
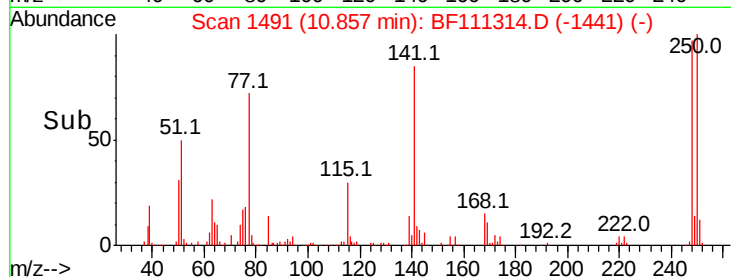
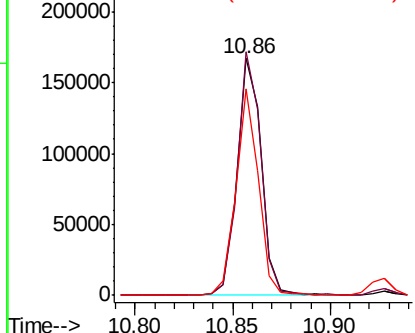
#67
 4-Bromophenyl-phenylether
 Concen: 11.105 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF111314.D
 Acq: 12 Dec 2018 10:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 143839
 Ion Ratio Lower Upper
 248 100
 250 102.7 77.0 115.4
 141 87.2 63.0 94.6

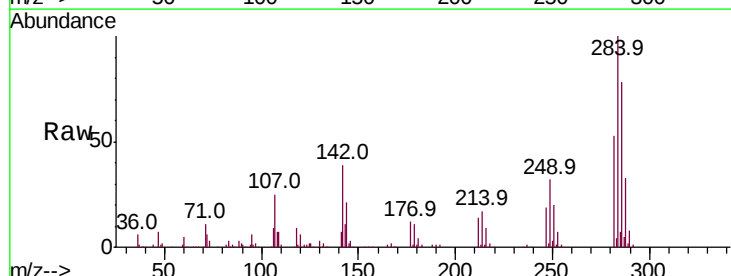


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

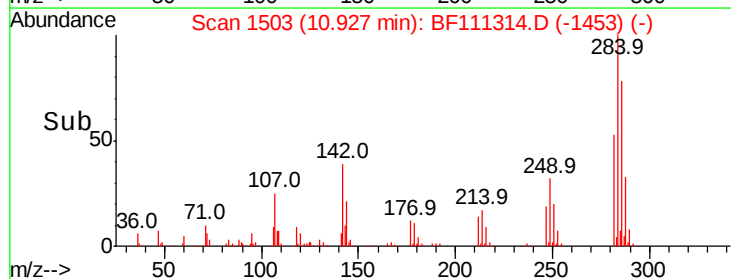
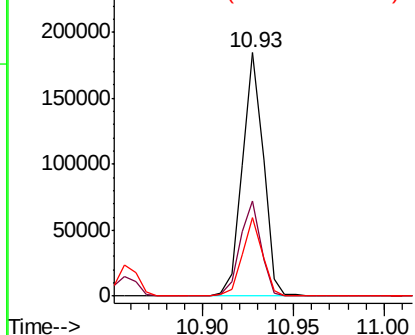


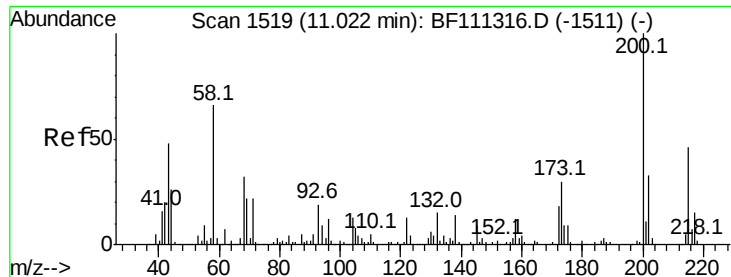
#68
 Hexachlorobenzene
 Concen: 11.329 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BF111314.D
 Acq: 12 Dec 2018 10:14

Tgt Ion:284 Resp: 149276
 Ion Ratio Lower Upper
 284 100
 142 38.9 27.4 41.2
 249 32.2 24.4 36.6



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

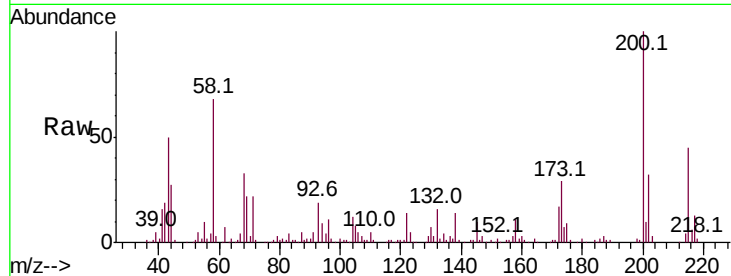




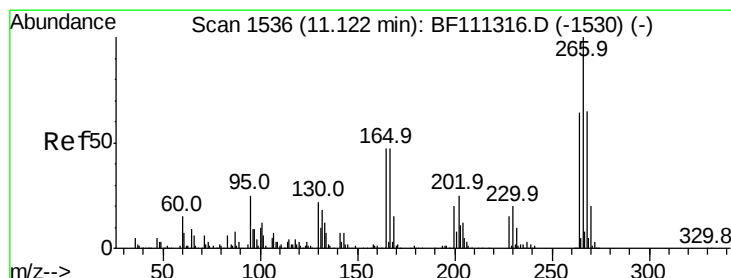
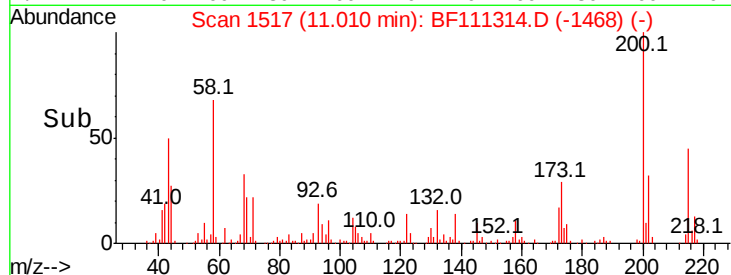
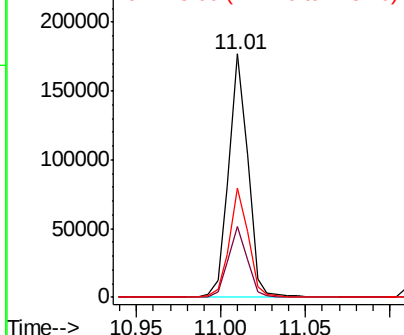
#69
Atrazine
Concen: 11.484 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.0	10.1	50.1
215	44.9	26.9	66.9

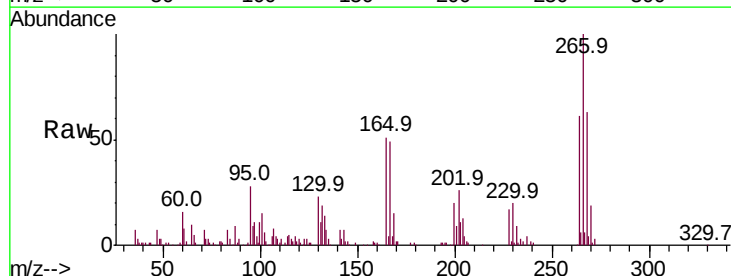


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

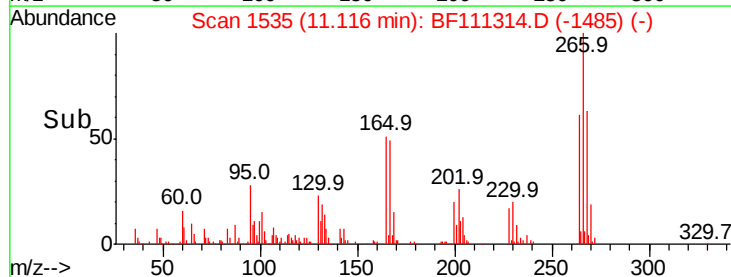
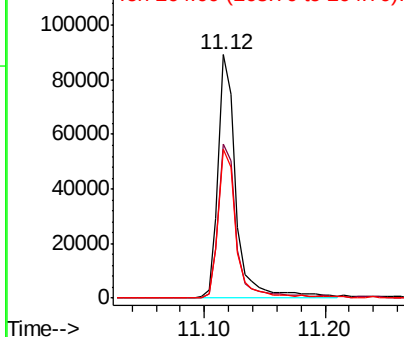


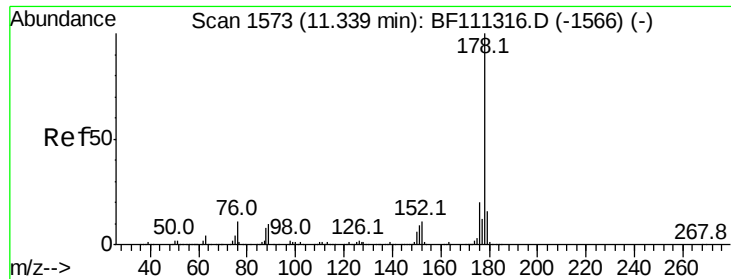
#70
Pentachlorophenol
Concen: 9.568 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	47.9	71.9
264	61.2	49.1	73.7



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: 11.634 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Instrument :

BNA_F

ClientSampleId :

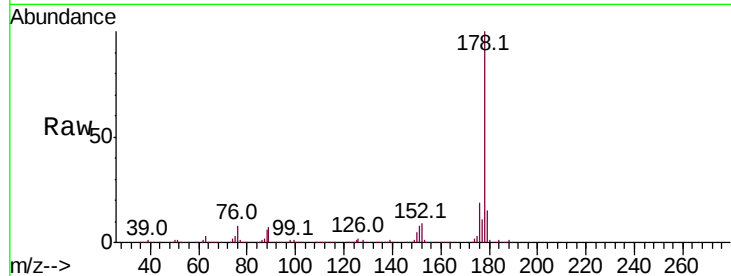
Tot Ion:178 Resp: 693916

Ion Ratio Lower Upper

178 100

176 19.0 18.1 27.1

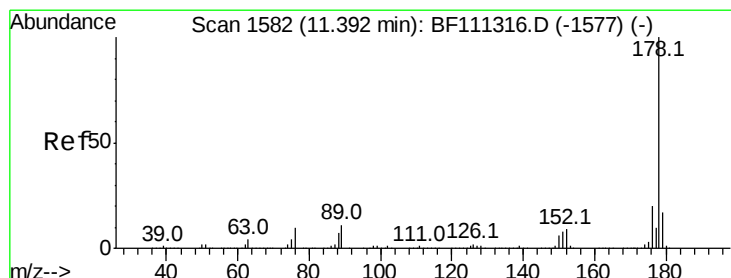
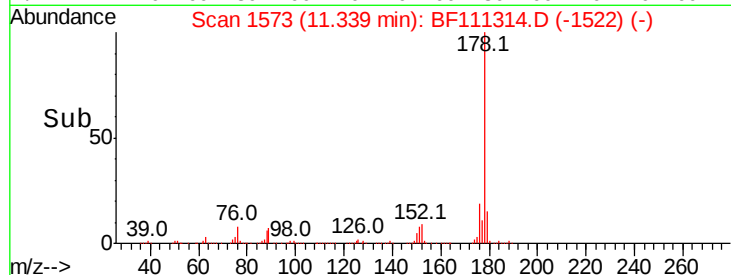
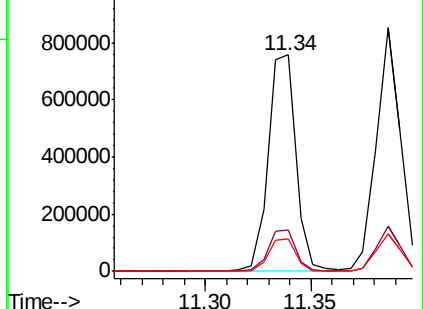
179 15.2 14.0 21.0



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: 11.247 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

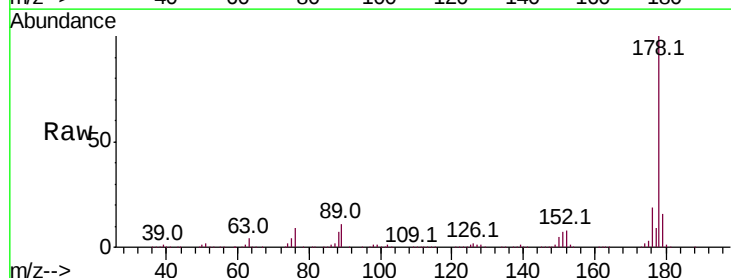
Tgt Ion:178 Resp: 701825

Ion Ratio Lower Upper

178 100

176 18.6 17.2 25.8

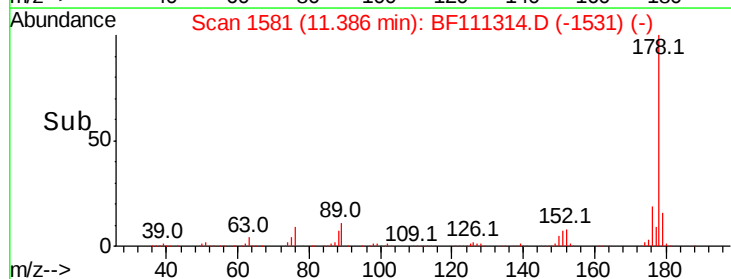
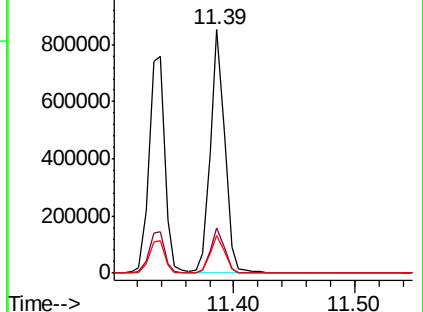
179 15.6 13.8 20.8

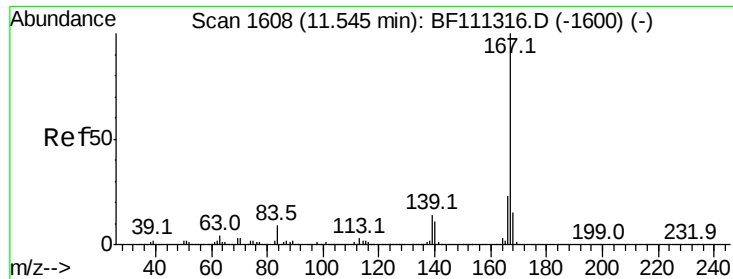


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

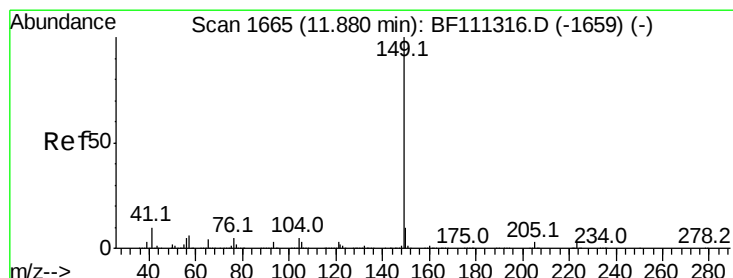
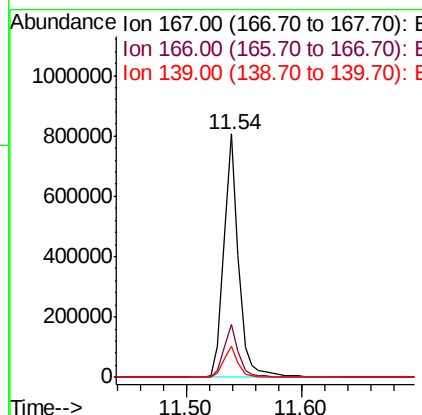
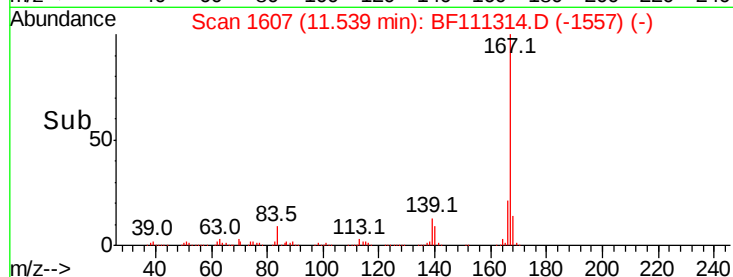
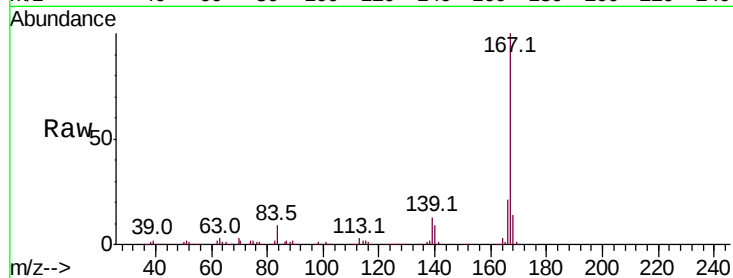




#73
 Carbazole
 Concen: 11.094 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF111314.D
 Acq: 12 Dec 2018 10:14

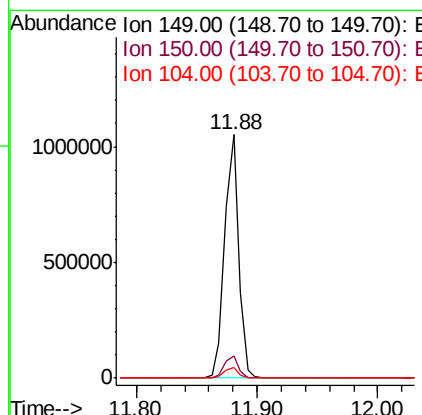
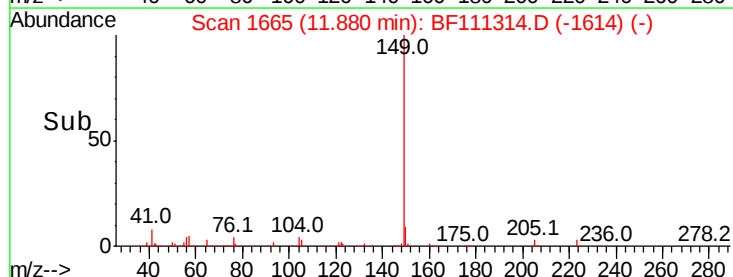
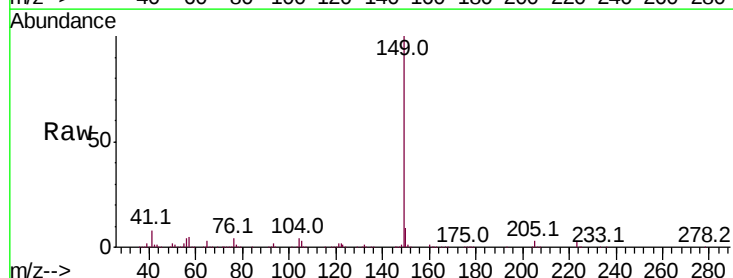
Instrument :
 BNA_F
 ClientSampleId :

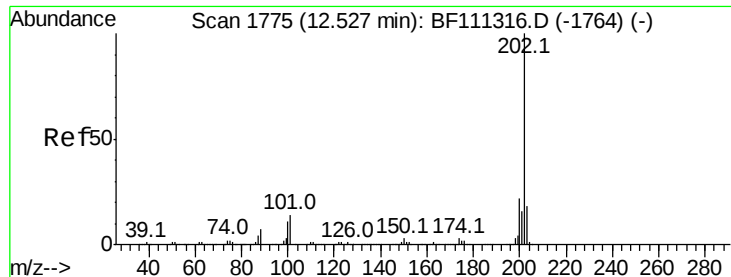
Tot Ion:167 Resp: 723880
 Ion Ratio Lower Upper
 167 100
 166 21.5 19.3 28.9
 139 12.8 11.9 17.9



#74
 Di-n-butylphthalate
 Concen: 12.501 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: BF111314.D
 Acq: 12 Dec 2018 10:14

Tgt Ion:149 Resp: 838441
 Ion Ratio Lower Upper
 149 100
 150 9.0 8.8 13.2
 104 4.4 4.5 6.7#





#75

Fluoranthene

Concen: 12.418 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Instrument :

BNA_F

ClientSampled :

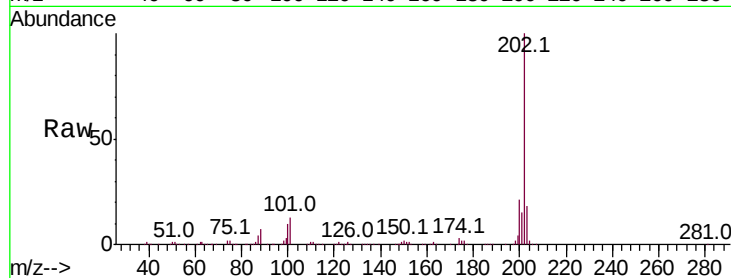
Tot Ion:202 Resp: 676628

Ion Ratio Lower Upper

202 100

101 12.8 0.0 33.8

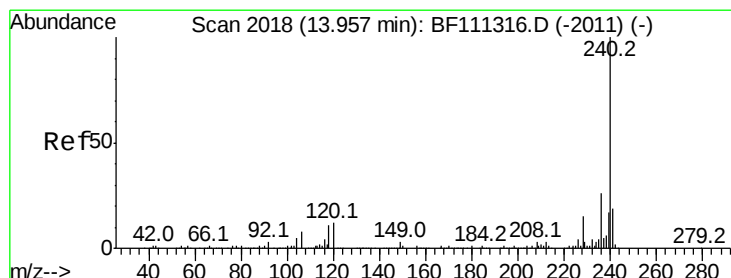
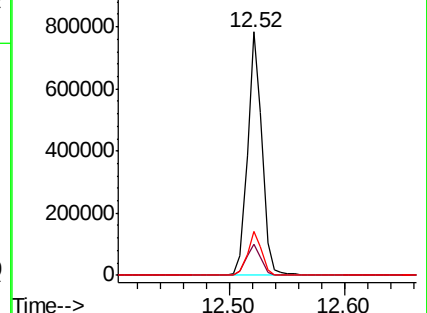
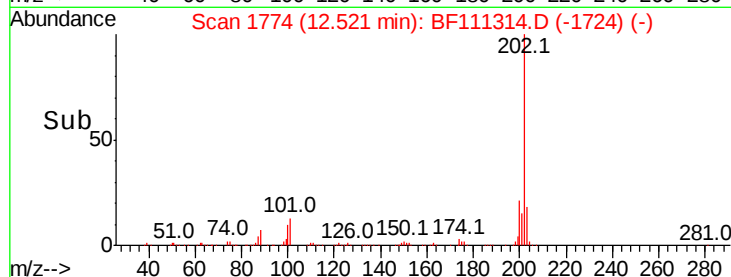
203 17.9 0.0 38.6



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: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

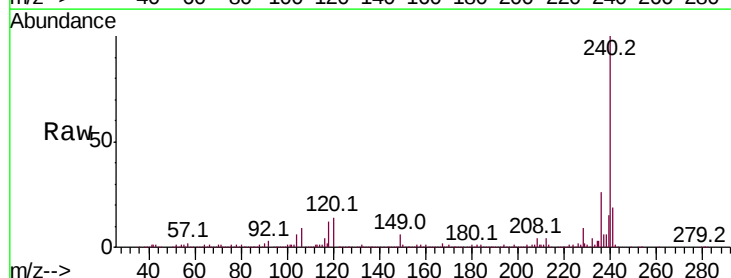
Tgt Ion:240 Resp: 897573

Ion Ratio Lower Upper

240 100

120 14.0 12.2 18.2

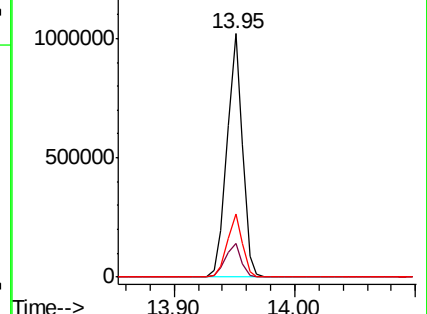
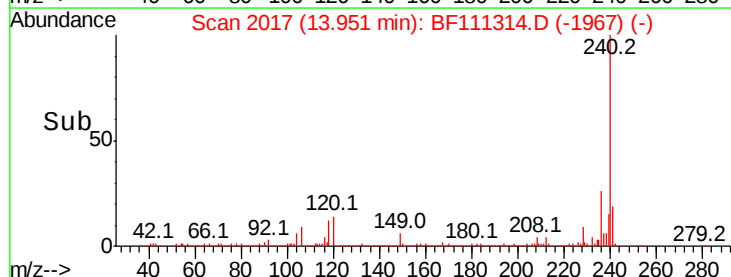
236 26.0 20.2 30.2

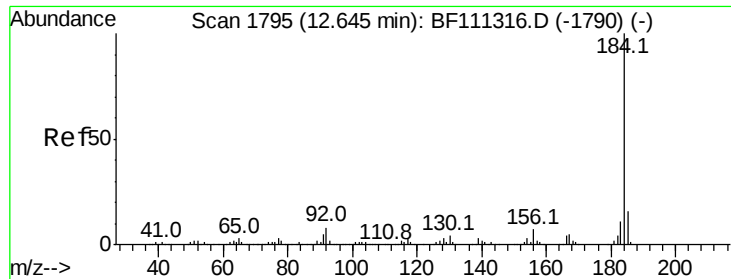


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 4.859 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Instrument :

BNA_F

ClientSampleId :

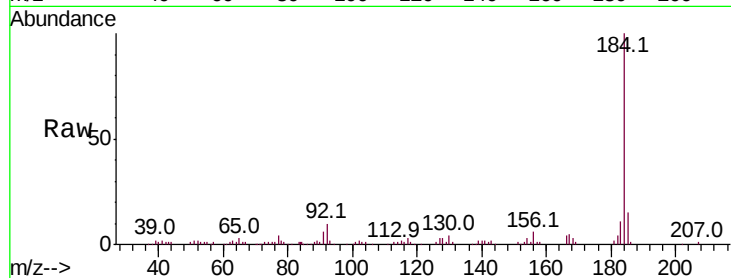
Tot Ion:184 Resp: 129494

Ion Ratio Lower Upper

184 100

185 15.4 13.0 19.6

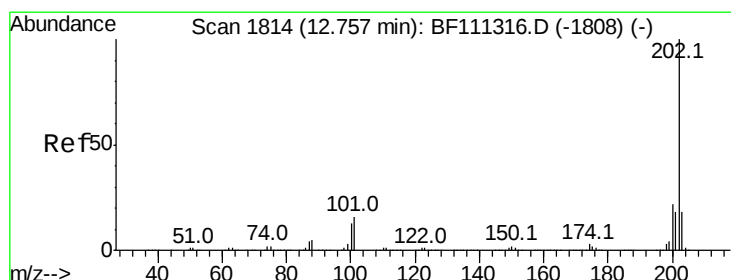
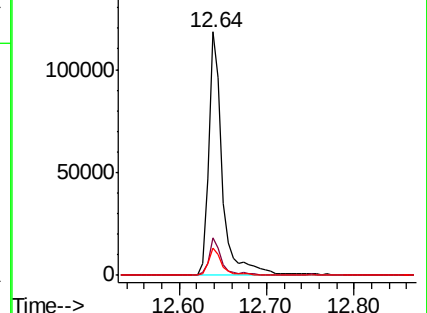
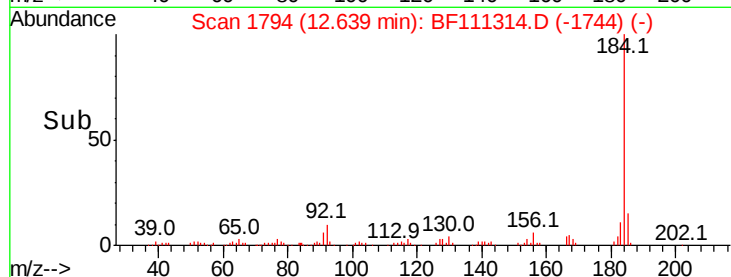
183 11.0 9.3 13.9



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: 10.944 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

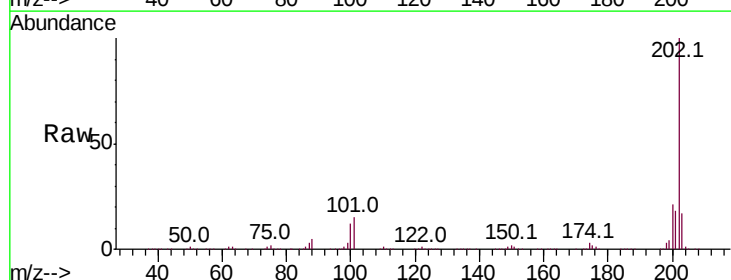
Tgt Ion:202 Resp: 701964

Ion Ratio Lower Upper

202 100

200 21.0 19.0 28.4

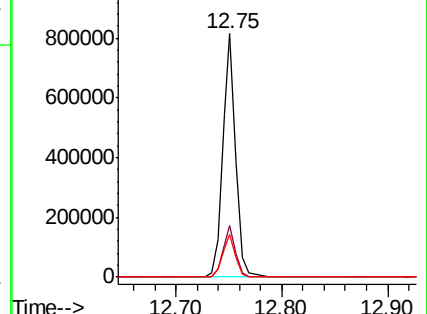
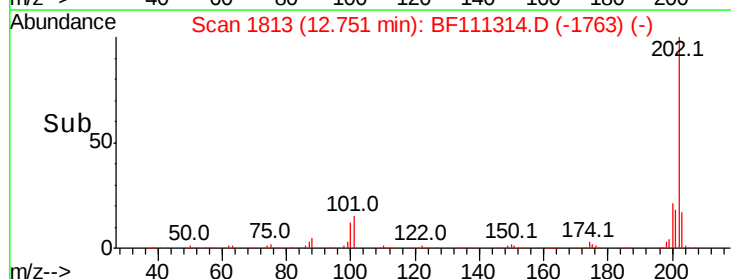
203 17.4 15.2 22.8

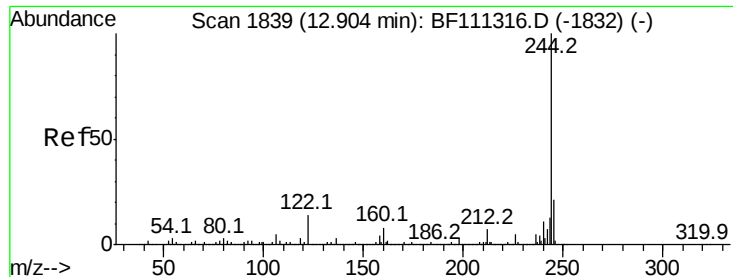


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 23.773 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Instrument :

BNA_F

ClientSampleId :

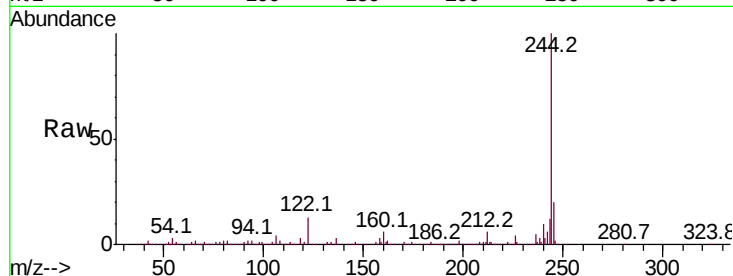
Tot Ion:244 Resp: 889604

Ion Ratio Lower Upper

244 100

212 6.1 5.7 8.5

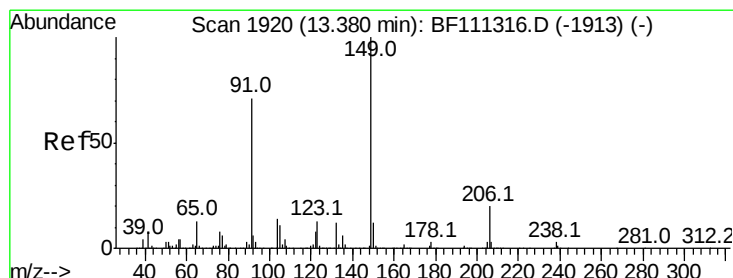
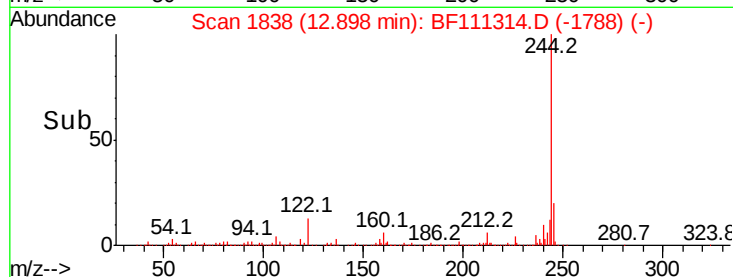
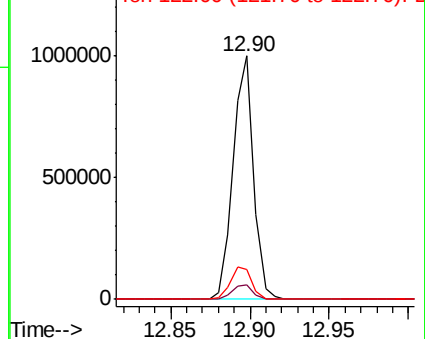
122 12.5 13.1 19.7#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 9.827 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

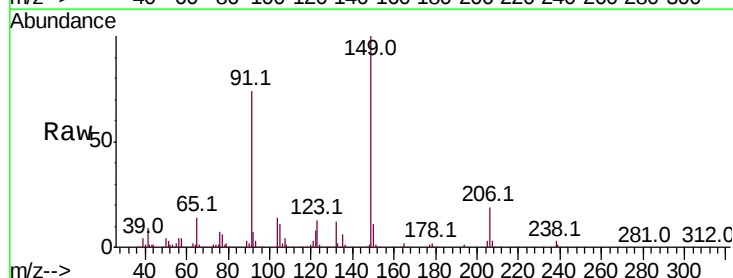
Tgt Ion:149 Resp: 329239

Ion Ratio Lower Upper

149 100

91 73.6 63.8 95.6

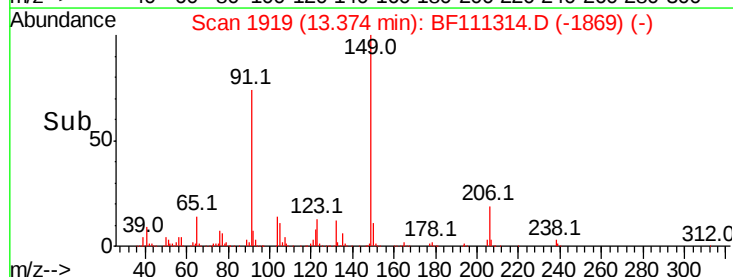
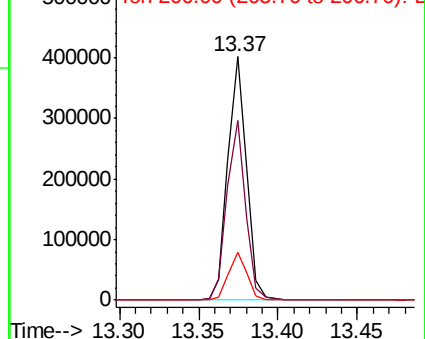
206 19.5 15.1 22.7

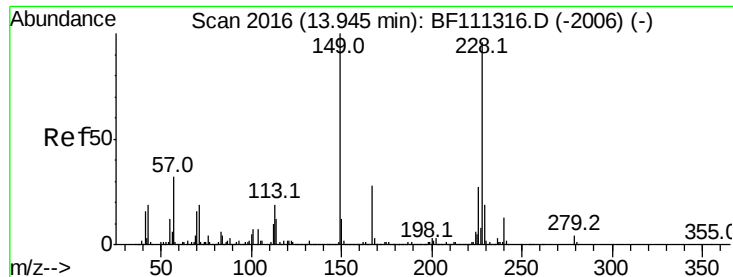


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

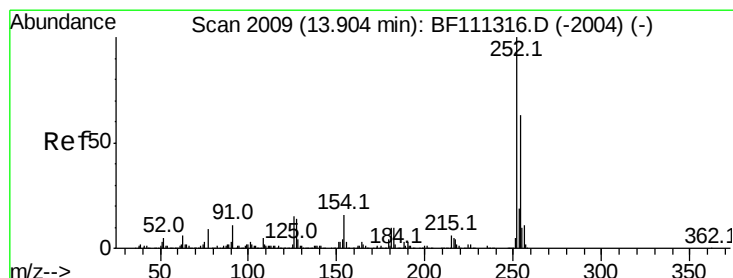
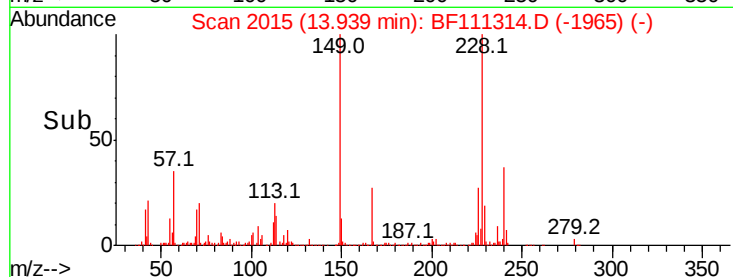
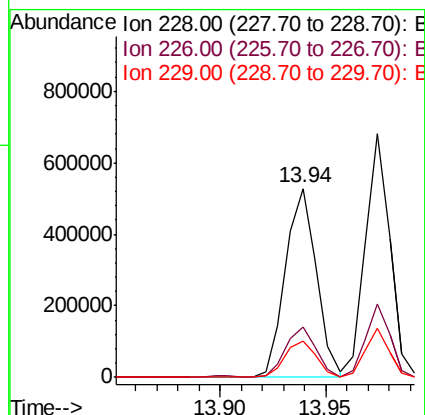
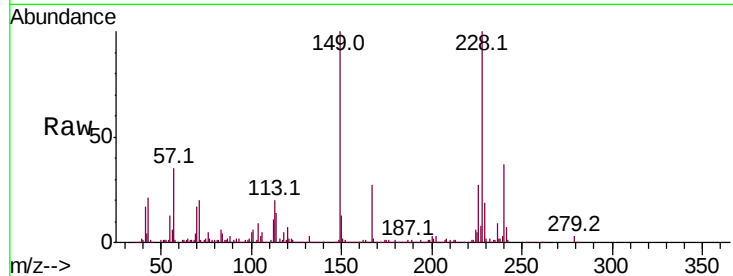




#81
Benzo(a)anthracene
Concen: 10.860 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

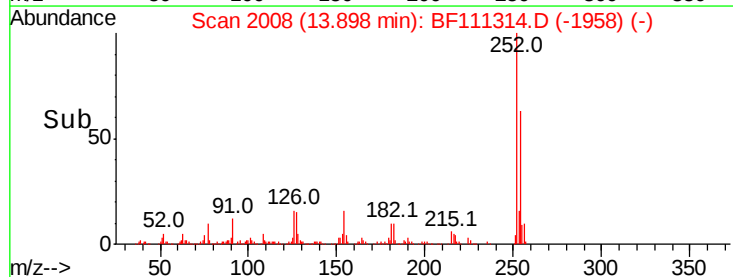
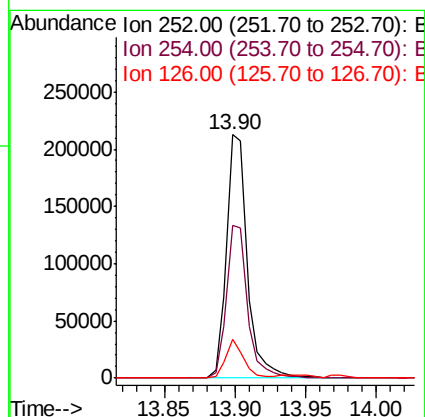
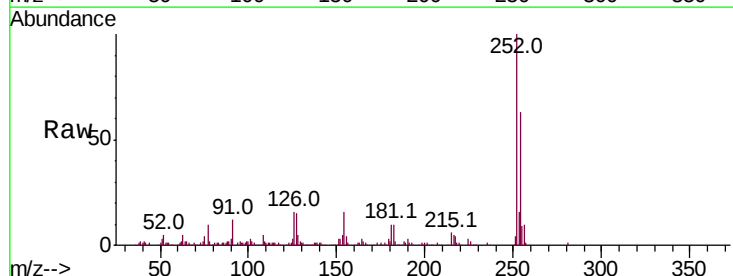
Instrument :
BNA_F
ClientSampleId :

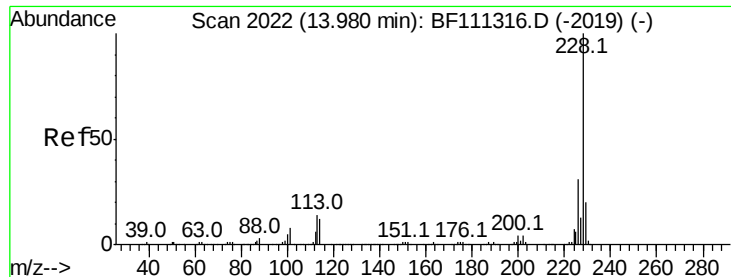
Tot Ion:228 Resp: 543816
Ion Ratio Lower Upper
228 100
226 26.6 22.6 34.0
229 19.4 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 10.668 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tgt Ion:252 Resp: 218945
Ion Ratio Lower Upper
252 100
254 62.9 52.7 79.1
126 15.8 11.1 16.7





#83

Chrysene

Concen: 10.752 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

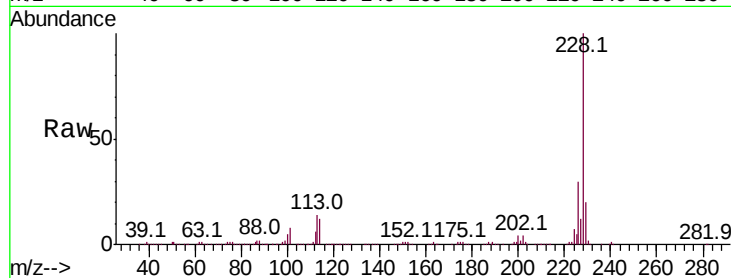
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 555038

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.3	37.9
229	20.0	17.2	25.8

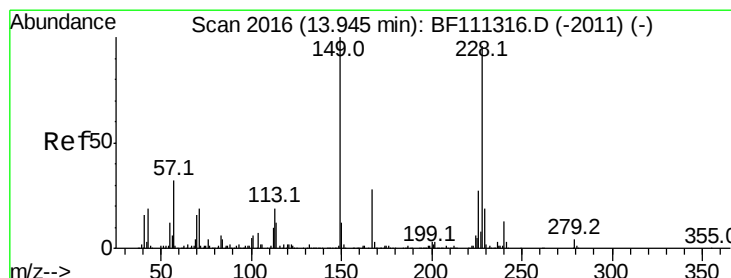
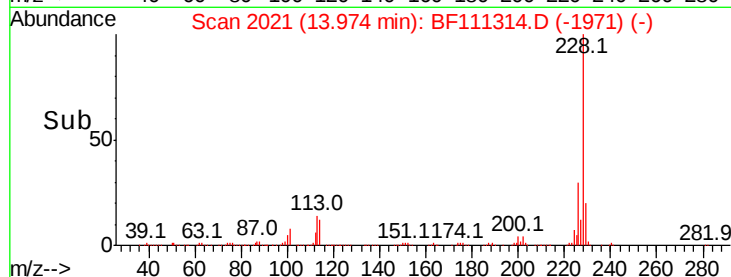
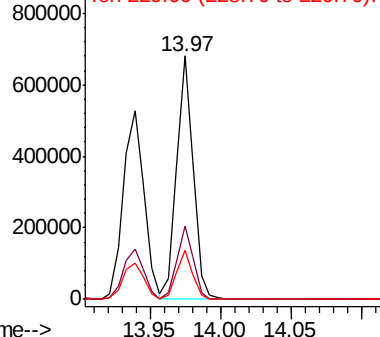


Abundance

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: 10.754 ng

RT: 13.94 min Scan# 2015

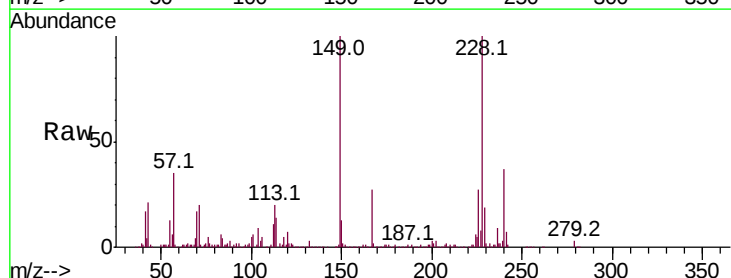
Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Tgt Ion:149 Resp: 428097

Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.5	33.7
279	2.9	2.6	4.0

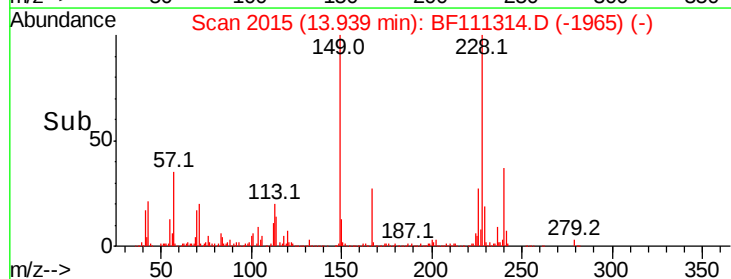
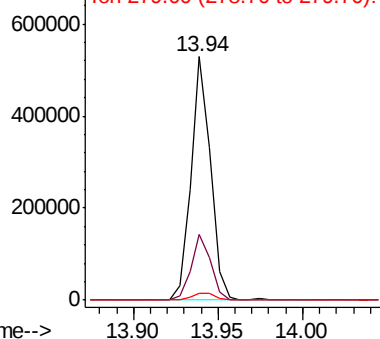


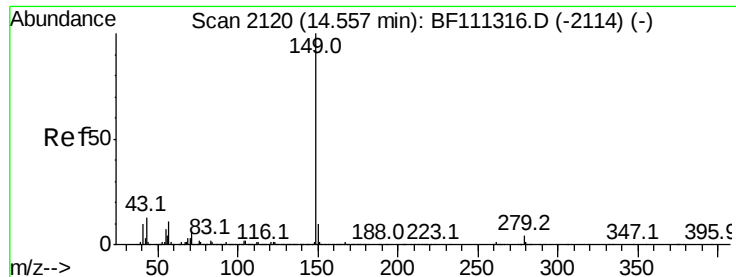
Abundance

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

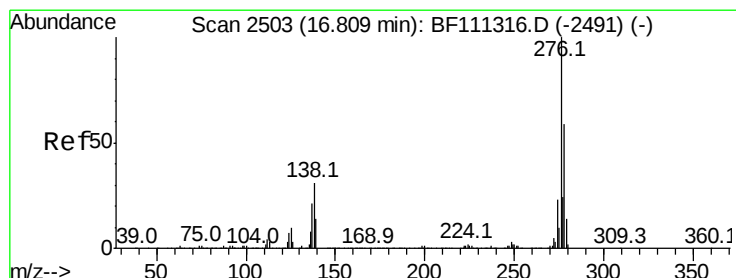
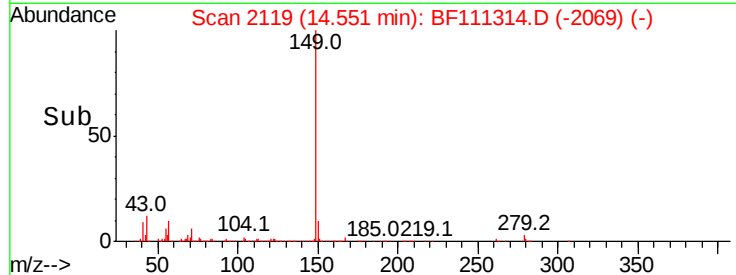
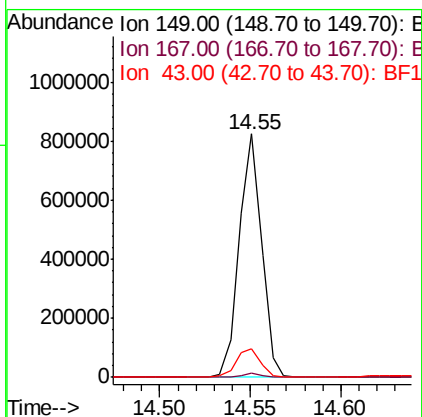
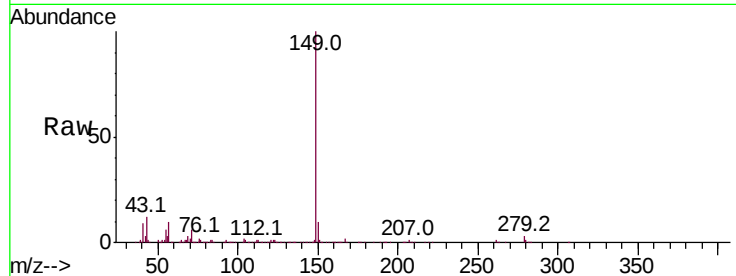




#85
Di-n-octyl phthalate
Concen: 10.602 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

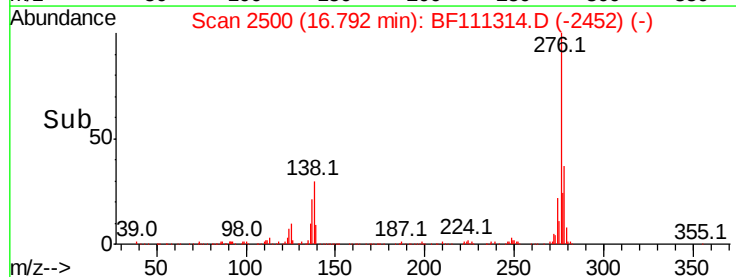
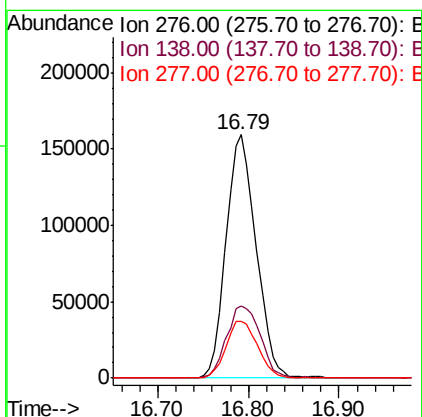
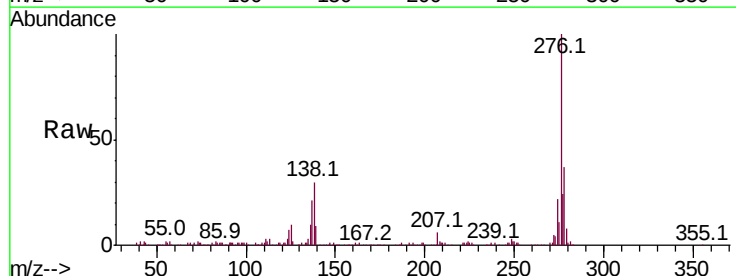
Instrument :
BNA_F
ClientSampled :

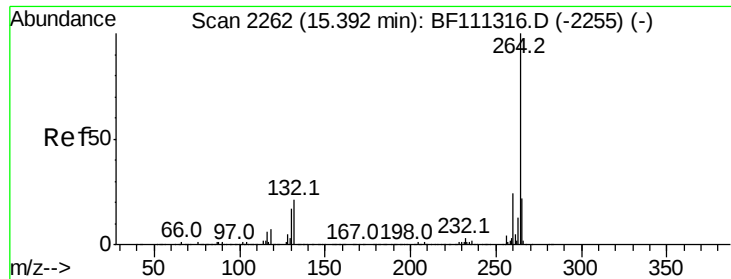
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	12.5	10.9	16.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 8.815 ng
RT: 16.79 min Scan# 2500
Delta R.T. -0.02 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.1	27.8	41.6
277	24.7	20.1	30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Instrument :

BNA_F

ClientSampleId :

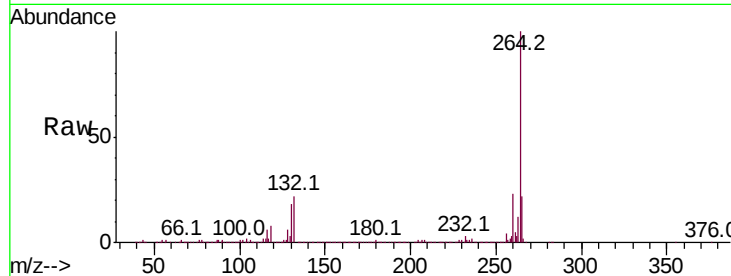
Tot Ion:264 Resp: 753842

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.3	27.5
265	22.4	17.7	26.5

264 100

260 23.5 18.3 27.5

265 22.4 17.7 26.5

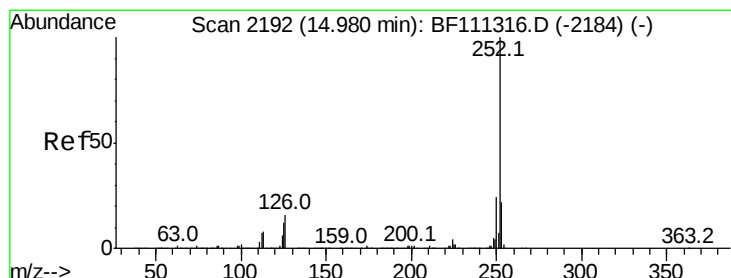
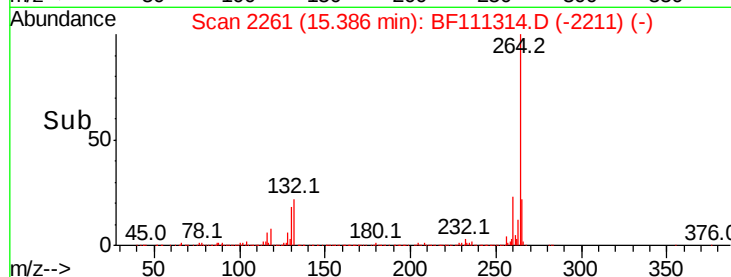
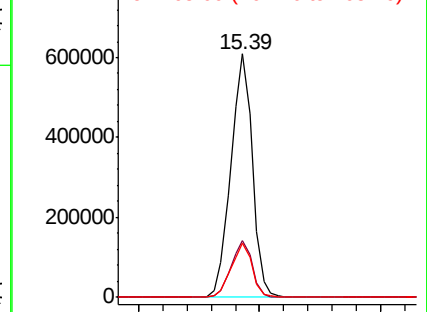


Abundance

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: 10.714 ng

RT: 14.97 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

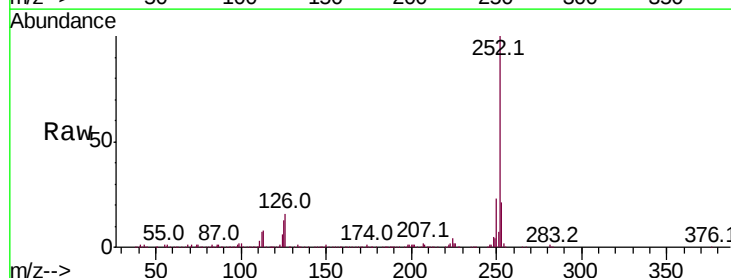
Tgt Ion:252 Resp: 446653

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.2
125	13.0	10.4	15.6

252 100

253 21.5 18.2 27.2

125 13.0 10.4 15.6

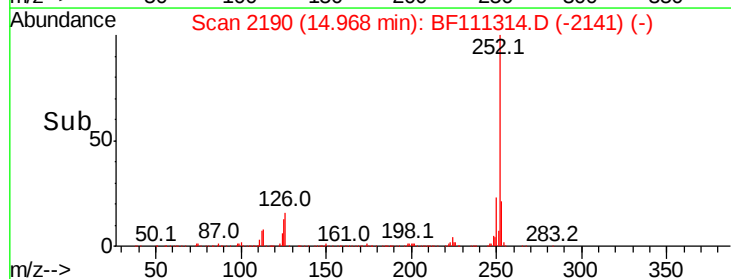
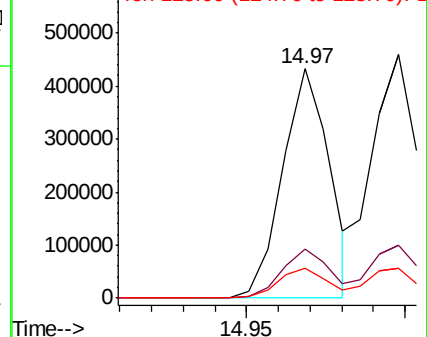


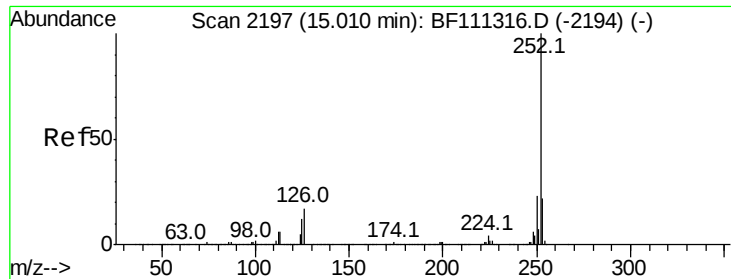
Abundance

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: 12.104 ng

RT: 15.00 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Instrument :

BNA_F

ClientSampleId :

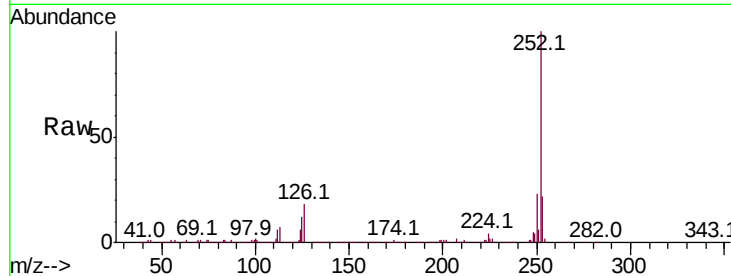
Tot Ion:252 Resp: 474419

Ion Ratio Lower Upper

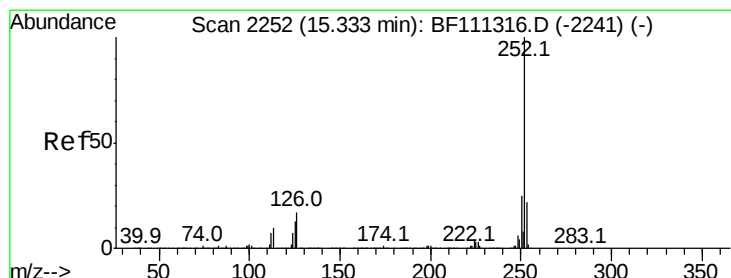
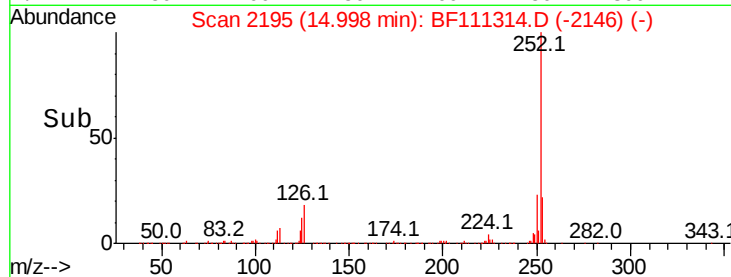
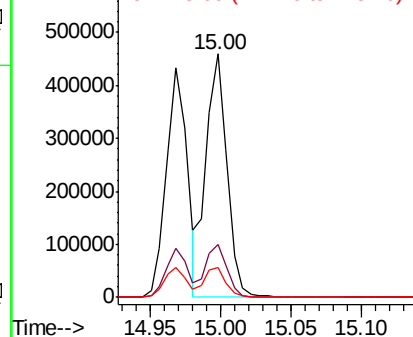
252 100

253 21.9 18.1 27.1

125 12.2 9.8 14.8



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



#90

Benzo(a)pyrene

Concen: 10.872 ng

RT: 15.32 min Scan# 2250

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

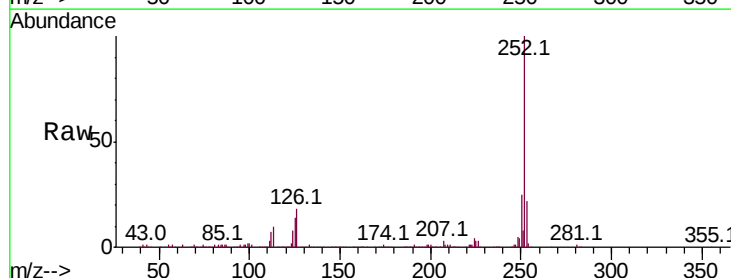
Tgt Ion:252 Resp: 417384

Ion Ratio Lower Upper

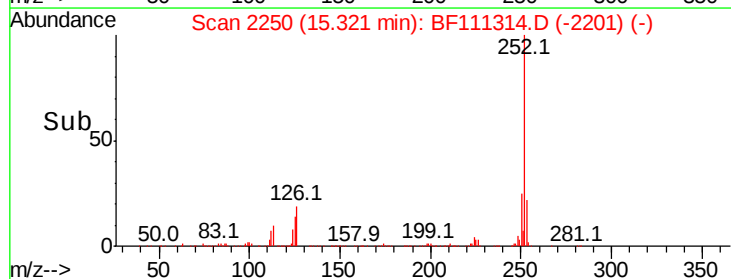
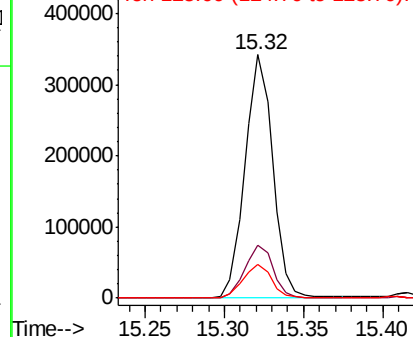
252 100

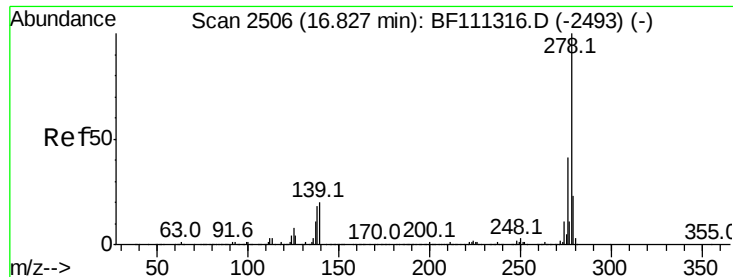
253 21.5 17.8 26.8

125 14.1 12.3 18.5



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





#91

Dibenzo(a,h)anthracene

Concen: 10.176 ng

RT: 16.81 min Scan# 2503

Delta R.T. -0.02 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Instrument :

BNA_F

ClientSampleId :

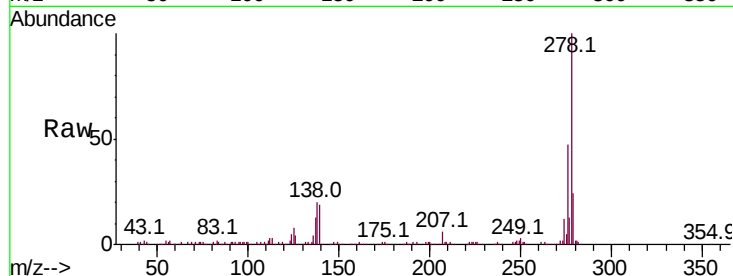
Tot Ion:278 Resp: 306844

Ion Ratio Lower Upper

278 100

139 19.0 18.2 27.4

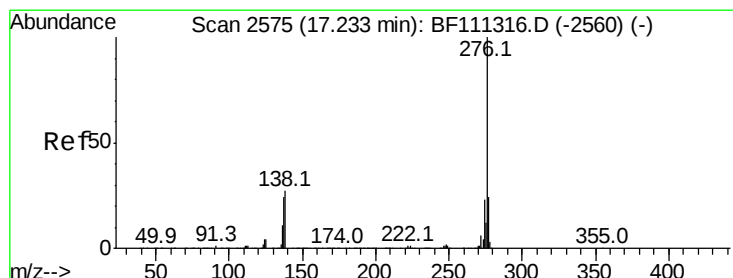
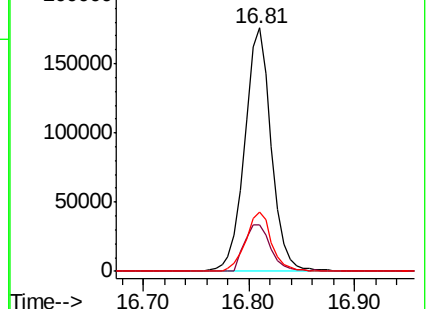
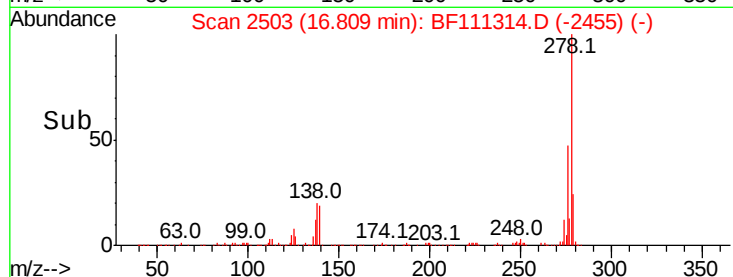
279 24.4 19.0 28.6



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: 9.684 ng

RT: 17.22 min Scan# 2572

Delta R.T. -0.02 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

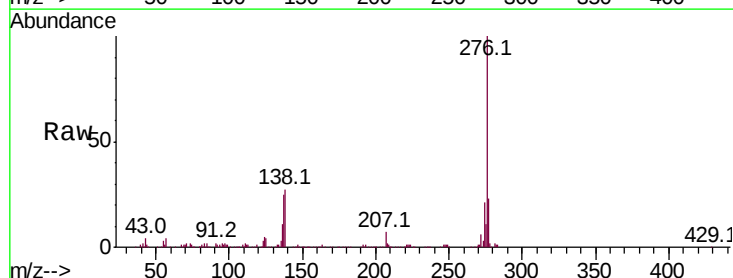
Tgt Ion:276 Resp: 292325

Ion Ratio Lower Upper

276 100

277 22.8 19.2 28.8

138 26.6 24.9 37.3



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

