

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111710.D
 Acq On : 26 Dec 2018 12:35
 Operator : JU/SJ
 Sample : PB115960BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115960BS

Quant Time: Dec 26 13:28:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	156643	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	584015	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	291049	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	525415	20.00	ng	0.01
76) Chrysene-d12	14.06	240	474423	20.00	ng	0.01
87) Perylene-d12	15.54	264	451178	20.00	ng	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	831389	90.47	ng	0.02
7) Phenol-d6	6.54	99	1043190	89.20	ng	0.02
23) Nitrobenzene-d5	7.46	82	661435	65.92	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	318181	92.52	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1332717	66.74	ng	0.00
79) Terphenyl-d14	13.01	244	1451967	58.04	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.74	88	103458	23.928	ng	97
3) Pyridine	3.51	79	290190	25.762	ng	97
4) n-Nitrosodimethylamine	3.44	42	167721	30.424	ng	# 84
6) Aniline	6.56	93	249265	16.720	ng	96
8) 2-Chlorophenol	6.69	128	302093	29.675	ng	99
9) Benzaldehyde	6.45	77	172766	21.479	ng	94
10) Phenol	6.55	94	360417	27.313	ng	88
11) bis(2-Chloroethyl)ether	6.63	93	281252	28.442	ng	98
12) 1,3-Dichlorobenzene	6.85	146	342867	29.063	ng	99
13) 1,4-Dichlorobenzene	6.92	146	349170	29.183	ng	97
14) 1,2-Dichlorobenzene	7.07	146	328530	29.431	ng	98
15) Benzyl Alcohol	7.04	79	269869	29.054	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.17	45	479443	26.326	ng	99
17) 2-Methylphenol	7.16	107	239344	29.362	ng	94
18) Hexachloroethane	7.42	117	119345	29.601	ng	91
19) n-Nitroso-di-n-propylamine	7.31	70	219900	28.312	ng	98
20) 3+4-Methylphenols	7.31	107	308878	29.989	ng	95
22) Acetophenone	7.30	105	409755	27.695	ng	# 95
24) Nitrobenzene	7.48	77	323798	30.792	ng	98
25) Isophorone	7.72	82	574155	32.234	ng	97
26) 2-Nitrophenol	7.80	139	147747	34.643	ng	96
27) 2,4-Dimethylphenol	7.84	122	262838	31.263	ng	97
28) bis(2-Chloroethoxy)methane	7.93	93	353101	29.790	ng	98
29) 2,4-Dichlorophenol	8.05	162	264767	29.279	ng	95
30) 1,2,4-Trichlorobenzene	8.13	180	289898	28.769	ng	97
31) Naphthalene	8.21	128	884061	31.505	ng	95
32) Benzoic acid	7.93	122	122544	22.045	ng	94
33) 4-Chloroaniline	8.25	127	167088	13.776	ng	96
34) Hexachlorobutadiene	8.33	225	179412	29.213	ng	98
35) Caprolactam	8.60	113	78483	25.613	ng	# 85
36) 4-Chloro-3-methylphenol	8.73	107	261423	29.410	ng	96
37) 2-Methylnaphthalene	8.90	142	600714	32.904	ng	99
38) 1-Methylnaphthalene	9.00	142	563202	32.121	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	286826	29.991	ng	98

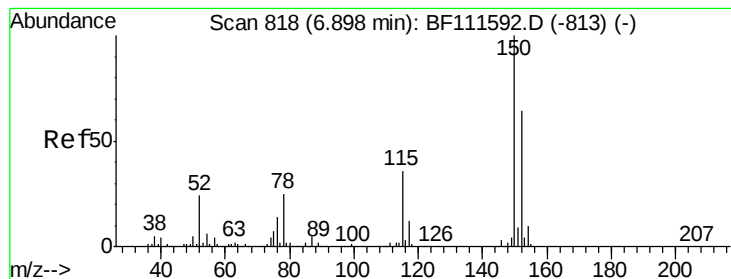
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	254723	54.885	nq	100
43) 2,4,6-Trichlorophenol	9.17	196	189436	29.667	nq	100
44) 2,4,5-Trichlorophenol	9.22	196	194692	29.721	nq	95
46) 1,1'-Biphenyl	9.36	154	746637	30.389	nq	96
47) 2-Chloronaphthalene	9.39	162	573338	29.454	nq	94
48) 2-Nitroaniline	9.47	65	169209	33.414	nq	99
49) Acenaphthylene	9.80	152	902441	31.752	nq	94
50) Dimethylphthalate	9.65	163	674806	31.705	nq	99
51) 2,6-Dinitrotoluene	9.72	165	143307	33.768	nq	96
52) Acenaphthene	9.97	154	537727	30.676	nq	98
53) 3-Nitroaniline	9.88	138	97353	21.509	nq	99
54) 2,4-Dinitrophenol	9.99	184	28821	26.535	nq	# 84
55) Dibenzofuran	10.15	168	808660	30.535	nq	96
56) 4-Nitrophenol	10.05	139	210642	60.983	nq	87
57) 2,4-Dinitrotoluene	10.12	165	189612	37.174	nq	# 96
58) Fluorene	10.49	166	618734	32.423	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	162923	29.554	nq	89
60) Diethylphthalate	10.36	149	670857	32.133	nq	99
61) 4-Chlorophenyl-phenylether	10.48	204	317602	30.124	nq	89
62) 4-Nitroaniline	10.49	138	132528	30.126	nq	90
63) Azobenzene	10.64	77	617423	29.457	nq	95
65) 4,6-Dinitro-2-methylphenol	10.53	198	29677	18.454	nq	# 73
66) n-Nitrosodiphenylamine	10.59	169	550203	31.196	nq	98
67) 4-Bromophenyl-phenylether	10.97	248	199501	30.613	nq	# 90
68) Hexachlorobenzene	11.04	284	218437	30.062	nq	98
69) Atrazine	11.12	200	189681	30.957	nq	95
70) Pentachlorophenol	11.23	266	206989	46.079	nq	97
71) Phenanthrene	11.45	178	895988	32.155	nq	94
72) Anthracene	11.50	178	942970	33.715	nq	95
73) Carbazole	11.65	167	801553	29.519	nq	95
74) Di-n-butylphthalate	11.98	149	1030573	33.850	nq	97
75) Fluoranthene	12.64	202	940914	33.346	nq	94
77) Benzidine	12.75	184	380396	21.308	nq	97
78) Pyrene	12.87	202	943170	28.152	nq	96
80) Butylbenzylphthalate	13.48	149	428053	31.344	nq	90
81) Benzo(a)anthracene	14.06	228	880902	32.535	nq	99
82) 3,3'-Dichlorobenzidine	14.01	252	237486	22.200	nq	# 96
83) Chrysene	14.09	228	826992	31.077	nq	97
84) Bis(2-ethylhexyl)phthalate	14.04	149	598124	34.771	nq	99
85) Di-n-octyl phthalate	14.66	149	1009535	37.879	nq	96
86) Indeno(1,2,3-cd)pyrene	17.04	276	757172	33.471	nq	# 87
88) Benzo(b)fluoranthene	15.11	252	854804	32.417	nq	# 97
89) Benzo(k)fluoranthene	15.11	252	854804	34.051	nq	97
90) Benzo(a)pyrene	15.49	252	784350	32.741	nq	# 94
91) Dibenzo(a,h)anthracene	17.06	278	640549	30.535	nq	# 91
92) Benzo(g,h,i)perylene	17.50	276	591338	28.868	nq	# 86

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF111710.D

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PB115960BS

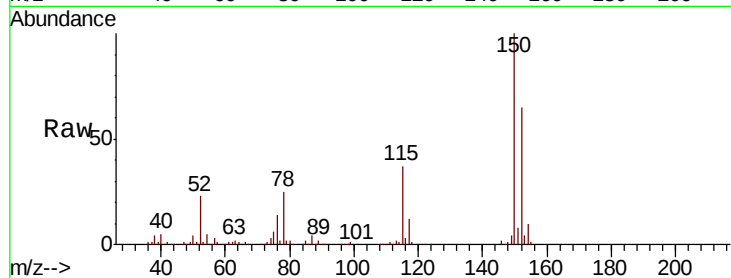
Tot Ion:152 Resp: 156643

Ion Ratio Lower Upper

152 100

150 154.4 126.6 189.8

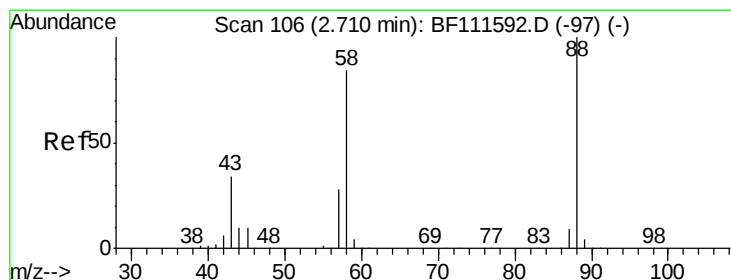
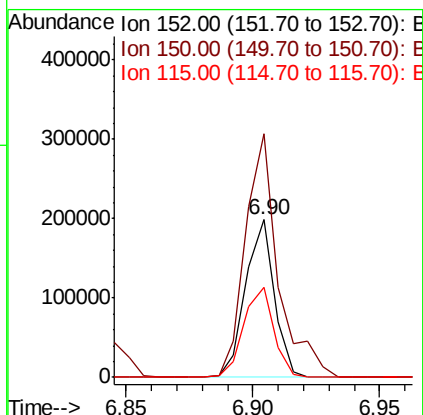
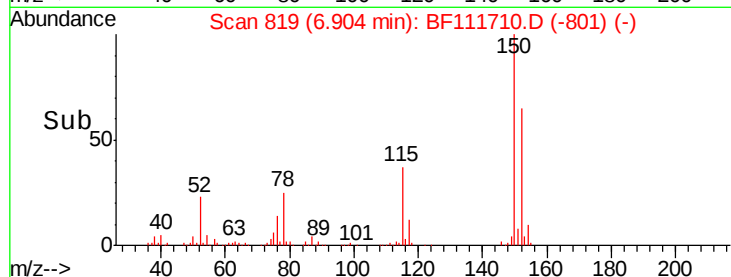
115 56.7 50.7 76.1



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



#2

1,4-Dioxane

Concen: 23.928 ng

RT: 2.74 min Scan# 111

Delta R.T. 0.03 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

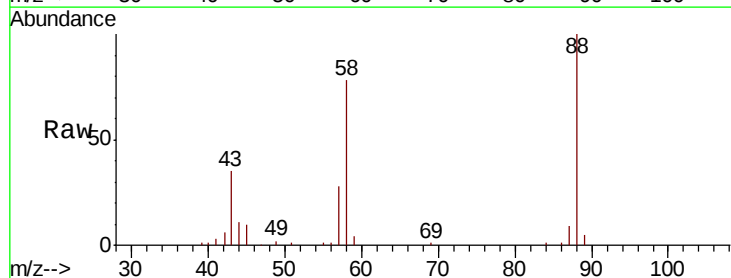
Tgt Ion: 88 Resp: 103458

Ion Ratio Lower Upper

88 100

58 85.3 68.9 103.3

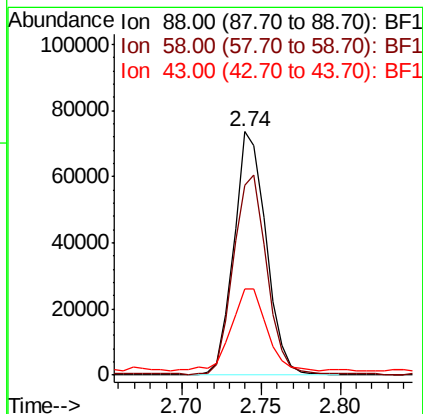
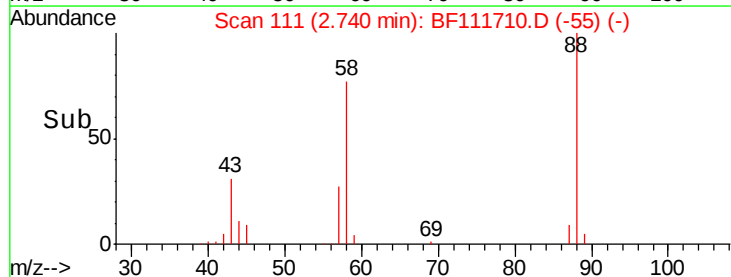
43 37.1 25.8 38.6

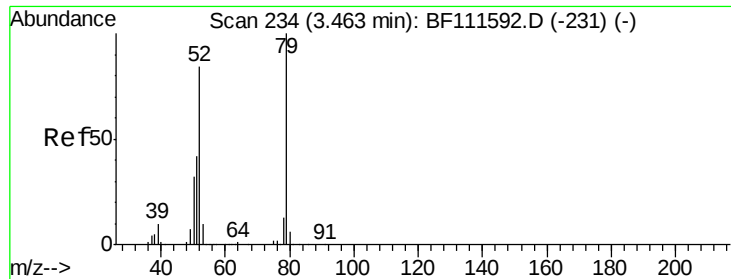


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 25.762 ng

RT: 3.51 min Scan# 242

Delta R.T. 0.05 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

Instrument :

BNA_F

ClientSampleId :

PB115960BS

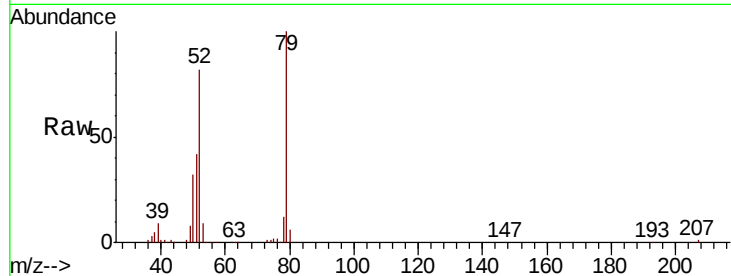
Tot Ion: 79 Resp: 290190

Ion Ratio Lower Upper

79 100

52 82.1 68.3 102.5

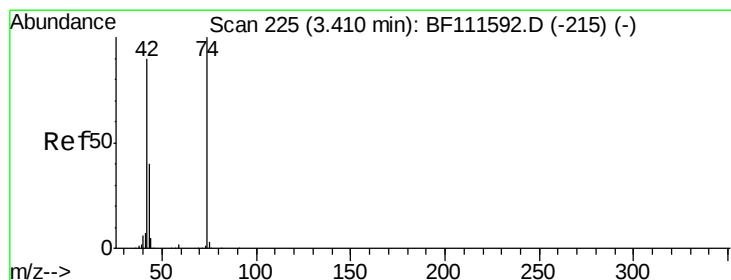
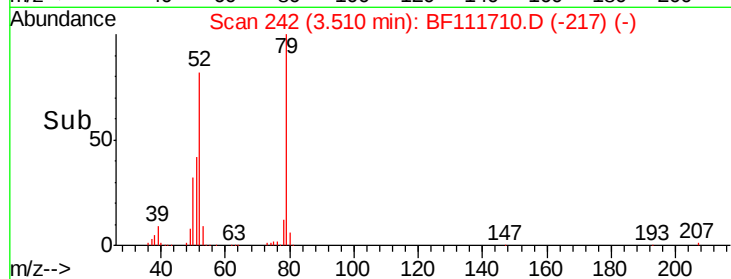
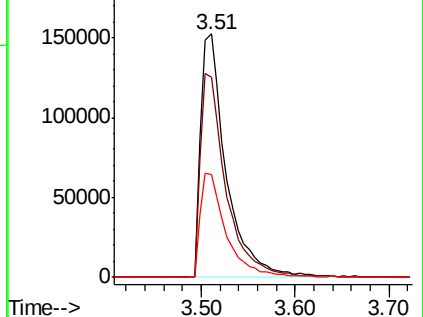
51 42.2 32.6 49.0



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: 30.424 ng

RT: 3.44 min Scan# 230

Delta R.T. 0.03 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

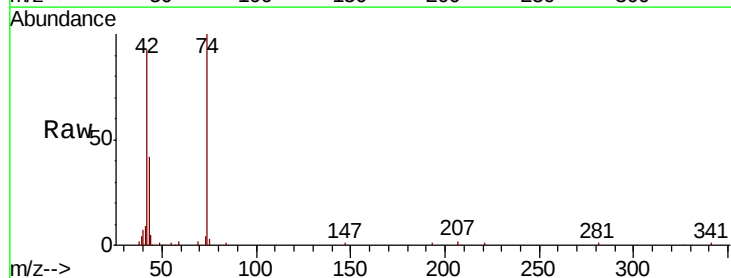
Tgt Ion: 42 Resp: 167721

Ion Ratio Lower Upper

42 100

74 108.0 101.5 152.3

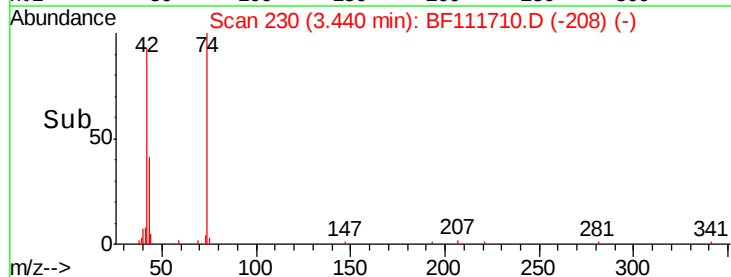
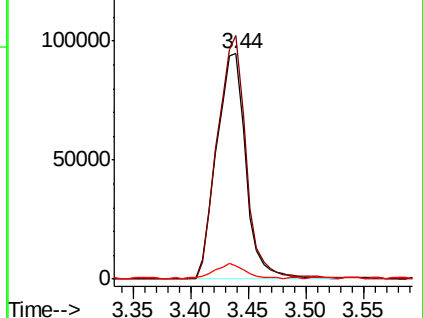
44 5.9 6.0 9.0#

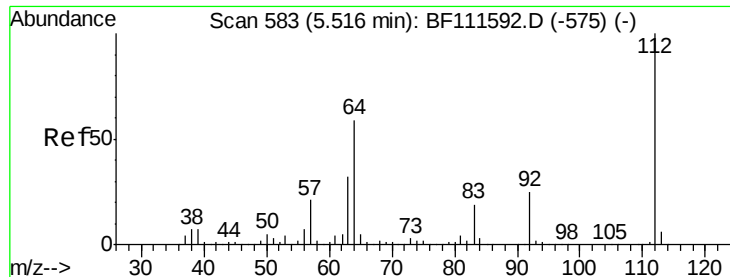


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 90.469 ng

RT: 5.54 min Scan# 587

Delta R.T. 0.02 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

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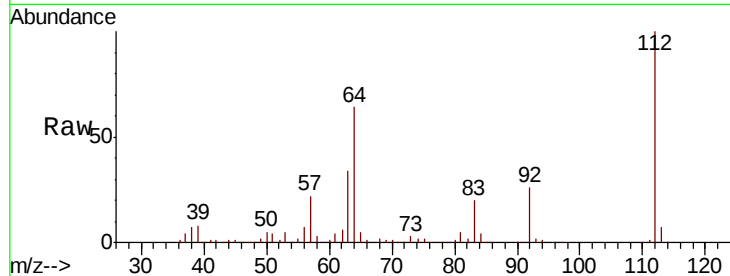
Tot Ion:112 Resp: 831389

Ion Ratio Lower Upper

112 100

64 64.5 51.8 77.6

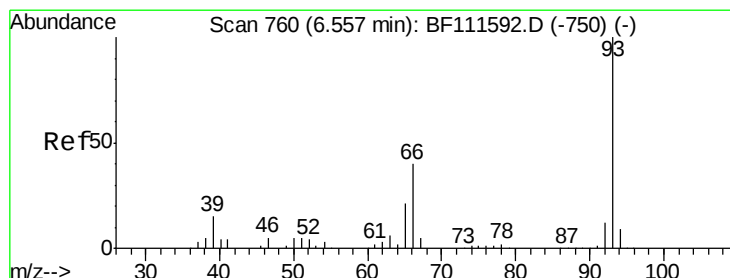
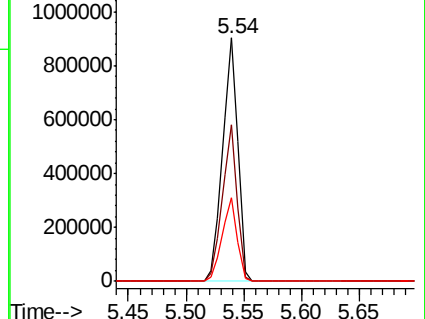
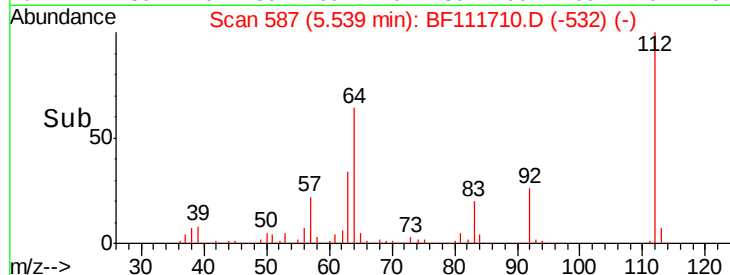
63 34.3 26.8 40.2



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: 16.720 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

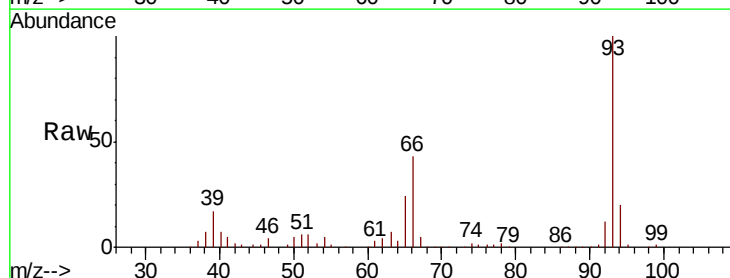
Tgt Ion: 93 Resp: 249265

Ion Ratio Lower Upper

93 100

66 42.8 33.2 49.8

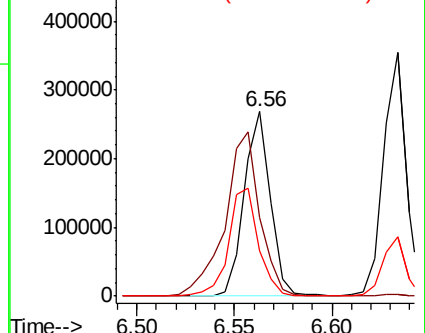
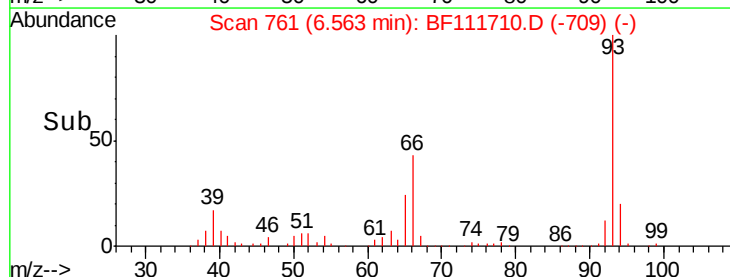
65 24.3 17.0 25.4

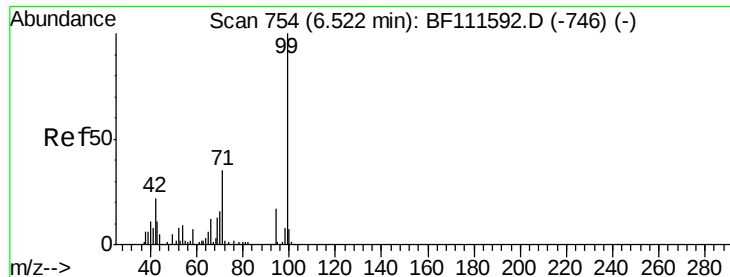


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 89.197 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

Instrument :

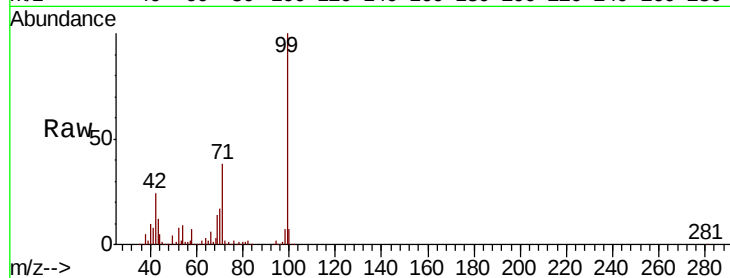
BNA_F

ClientSampleId :

PB115960BS

Tot Ion: 99 Resp: 1043190

Ion	Ratio	Lower	Upper
99	100		
42	23.7	17.4	26.0
71	38.1	26.1	39.1

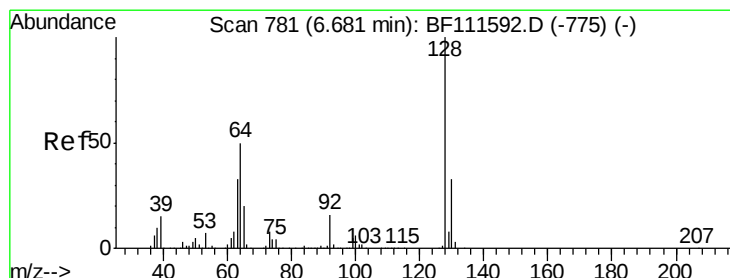
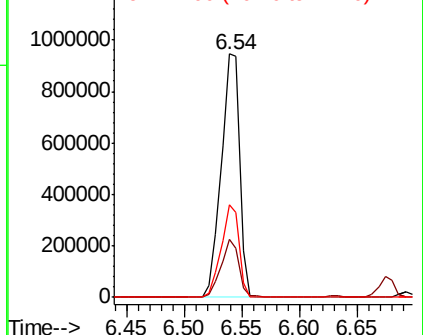
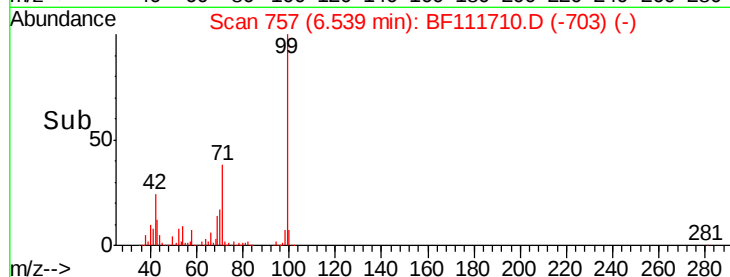


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 29.675 ng

RT: 6.69 min Scan# 783

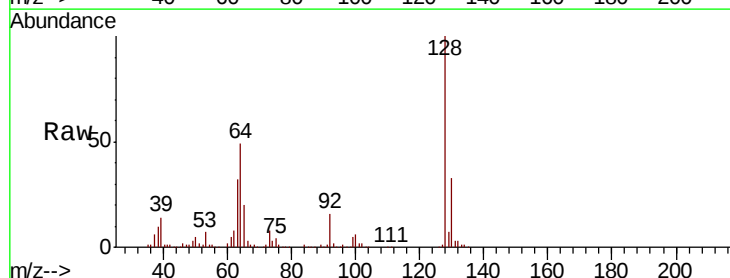
Delta R.T. 0.01 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

Tgt Ion: 128 Resp: 302093

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.7	52.7
64	48.7	30.0	70.0

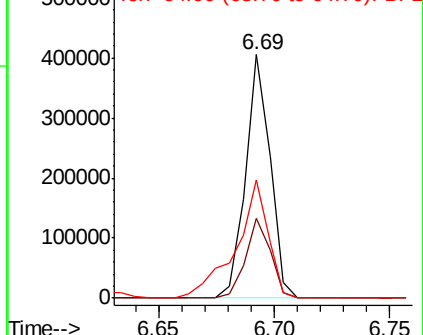
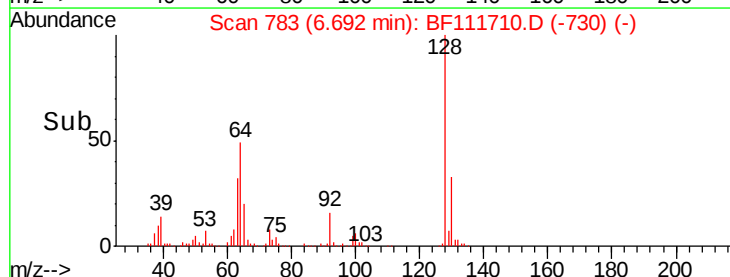


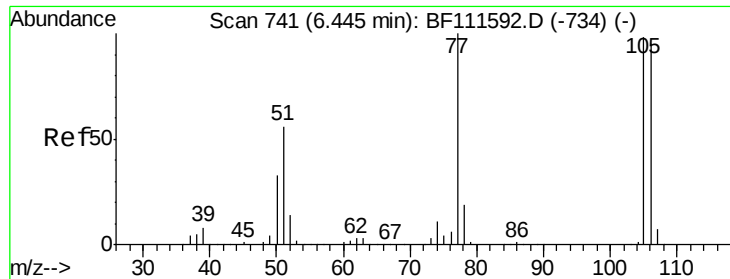
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 21.479 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF111710.D

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PB115960BS

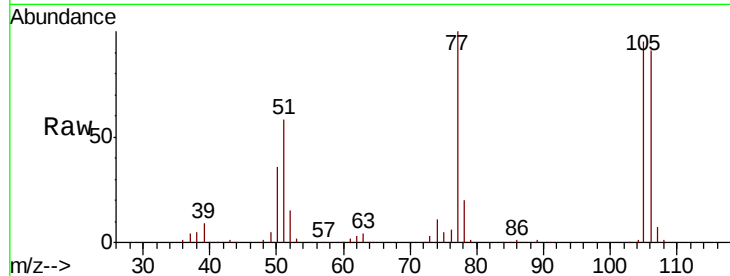
Tot Ion: 77 Resp: 172766

Ion Ratio Lower Upper

77 100

105 95.2 81.4 121.4

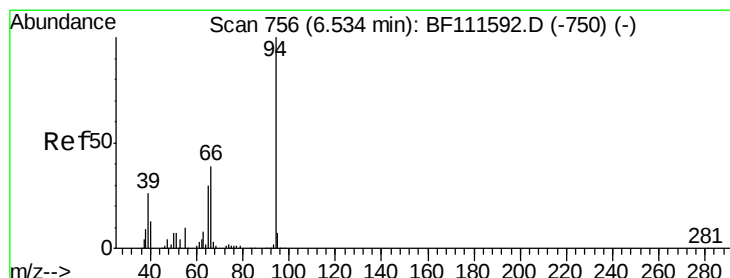
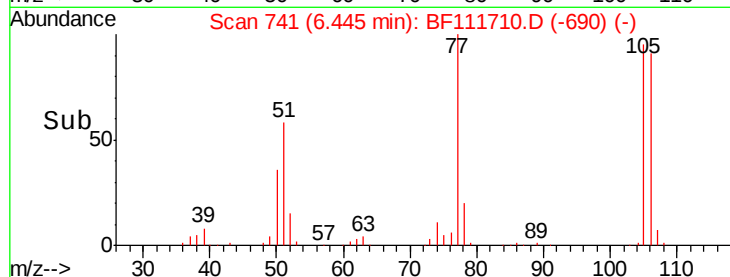
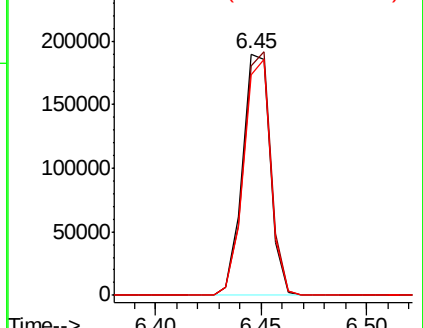
106 91.2 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 27.313 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.02 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

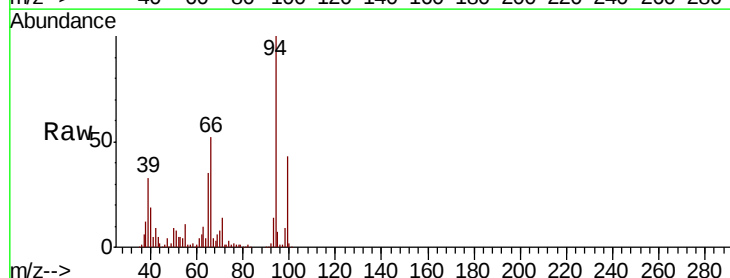
Tgt Ion: 94 Resp: 360417

Ion Ratio Lower Upper

94 100

65 35.4 11.7 51.7

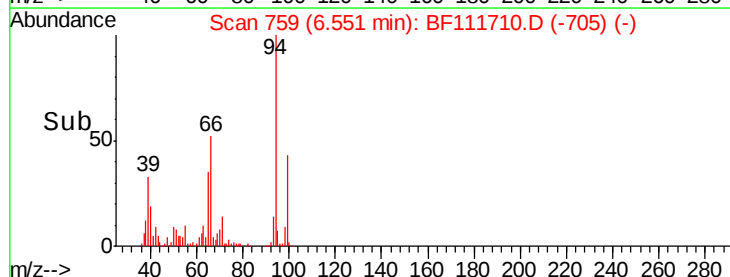
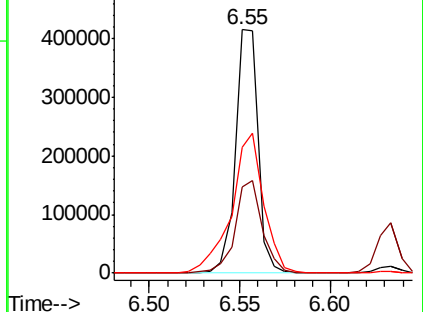
66 51.6 21.0 61.0

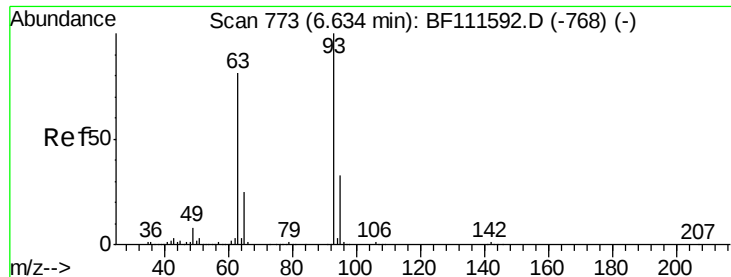


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

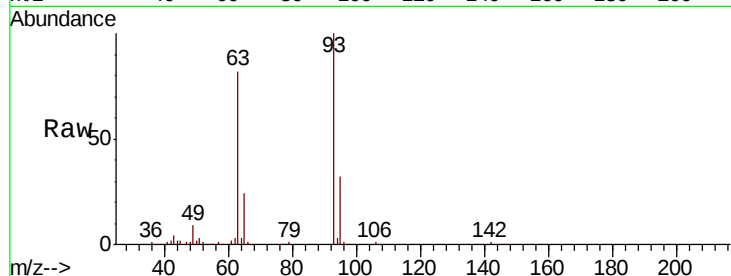




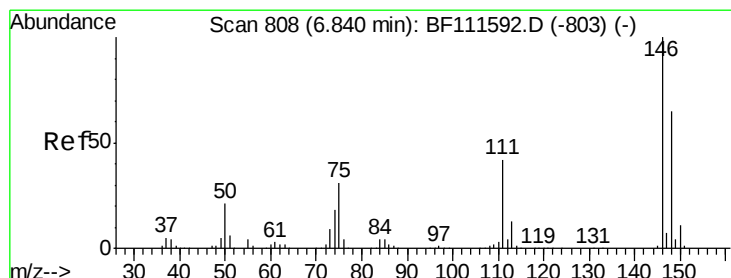
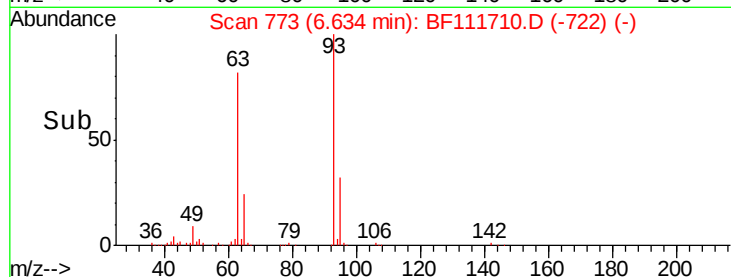
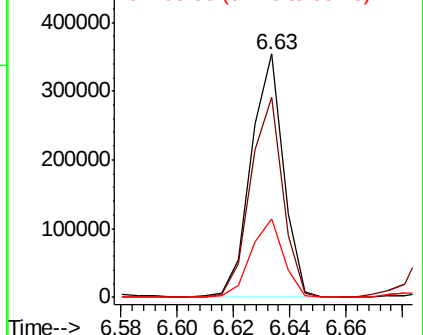
#11
bis(2-Chloroethyl)ether
Concen: 28.442 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF111710.D
Acq: 26 Dec 2018 12:35

Instrument :
BNA_F
ClientSampleId :
PB115960BS

Tot Ion: 93 Resp: 281252
Ion Ratio Lower Upper
93 100
63 82.2 60.0 100.0
95 32.0 13.4 53.4

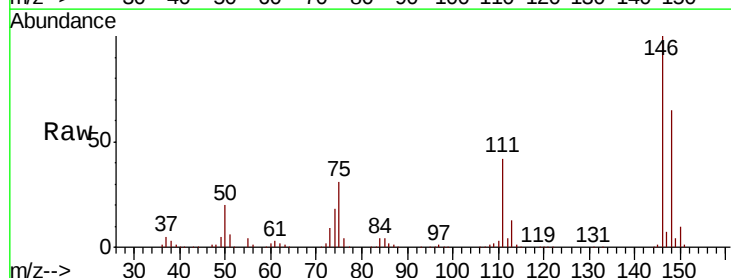


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

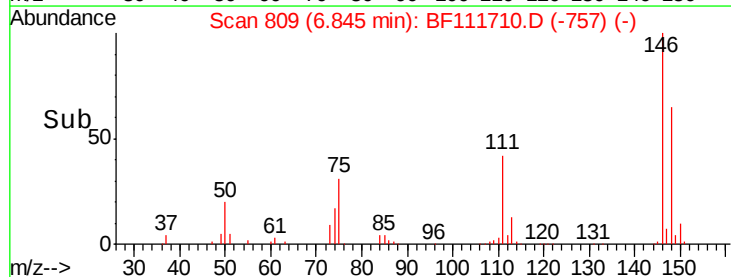
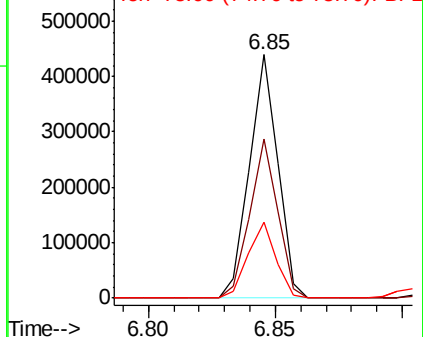


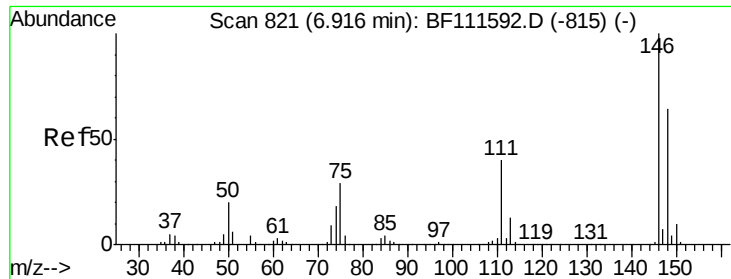
#12
1,3-Dichlorobenzene
Concen: 29.063 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.01 min
Lab File: BF111710.D
Acq: 26 Dec 2018 12:35

Tgt Ion: 146 Resp: 342867
Ion Ratio Lower Upper
146 100
148 65.4 52.1 78.1
75 31.2 23.9 35.9



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

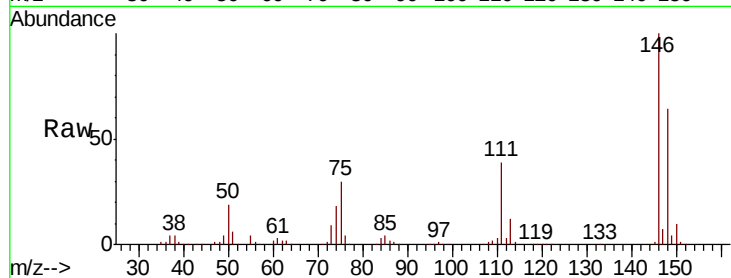




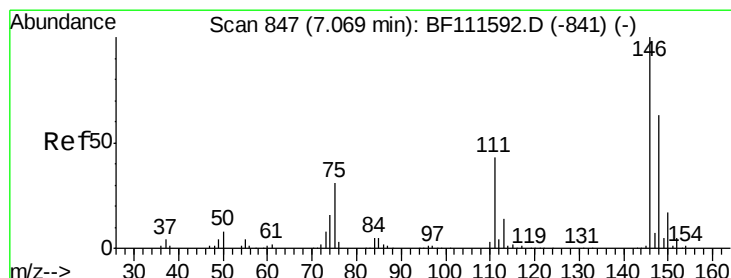
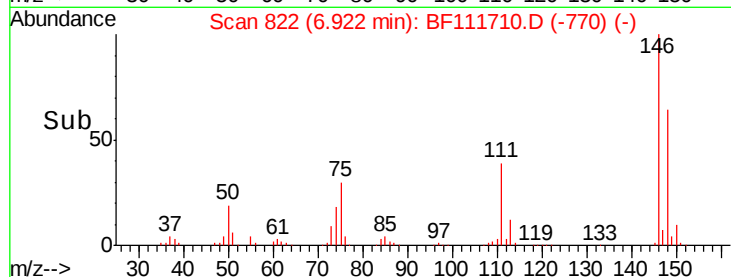
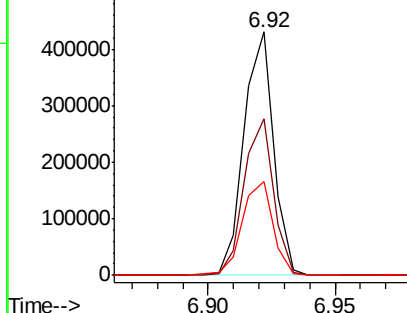
#13
 1,4-Dichlorobenzene
 Concen: 29.183 ng
 RT: 6.92 min Scan# 822
 Delta R.T. 0.01 min
 Lab File: BF111710.D
 Acq: 26 Dec 2018 12:35

Instrument :
 BNA_F
 ClientSampleId :
 PB115960BS

Tot Ion:146 Resp: 349170
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.8 79.2
 111 38.8 33.4 50.0

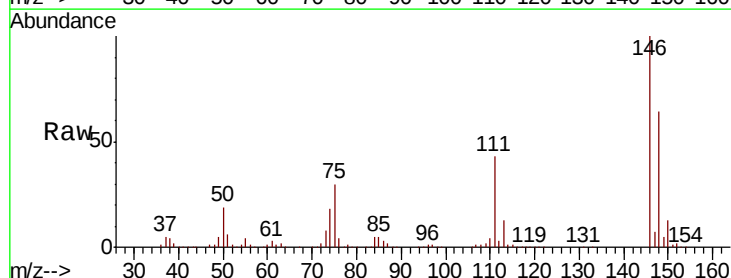


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

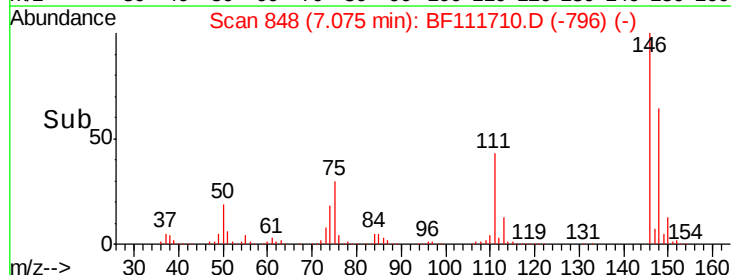
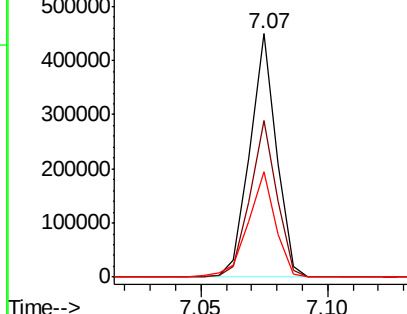


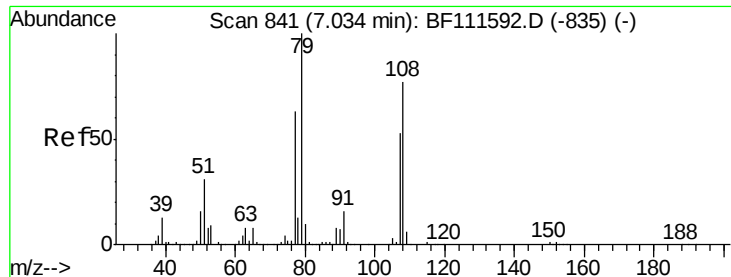
#14
 1,2-Dichlorobenzene
 Concen: 29.431 ng
 RT: 7.07 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: BF111710.D
 Acq: 26 Dec 2018 12:35

Tgt Ion:146 Resp: 328530
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.9 77.9
 111 43.1 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 29.054 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

Instrument :

BNA_F

ClientSampleId :

PB115960BS

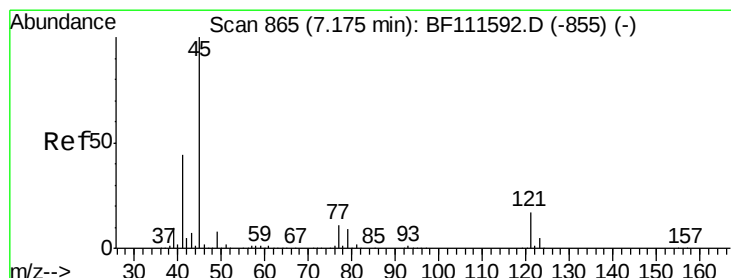
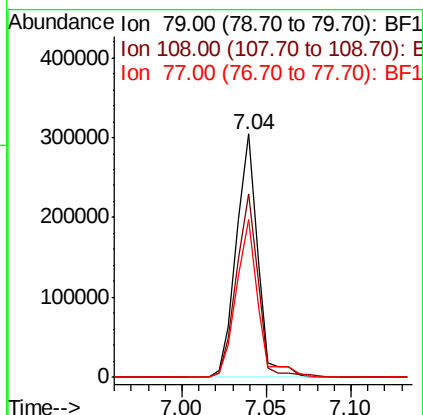
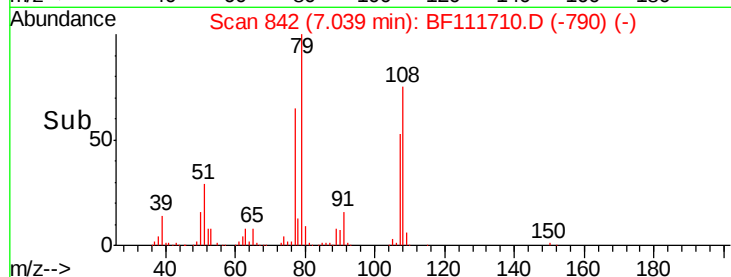
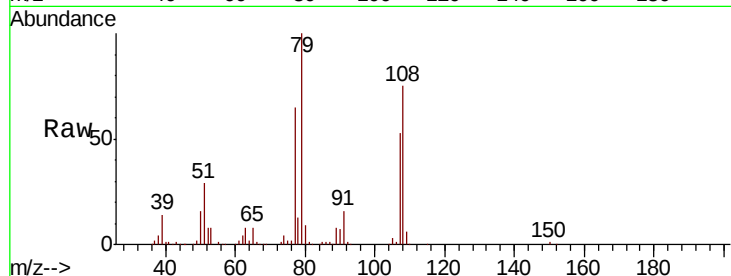
Tot Ion: 79 Resp: 269869

Ion Ratio Lower Upper

79 100

108 75.4 69.4 104.2

77 64.6 49.7 74.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 26.326 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

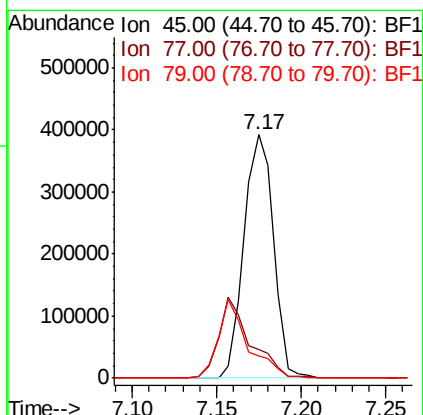
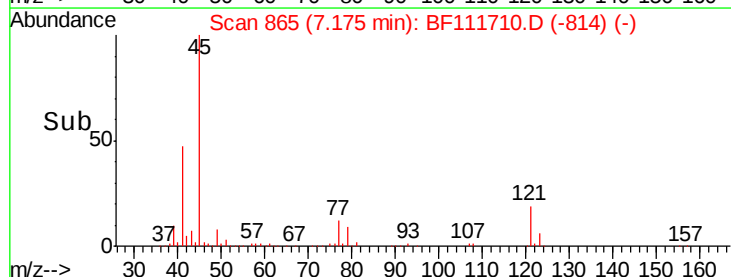
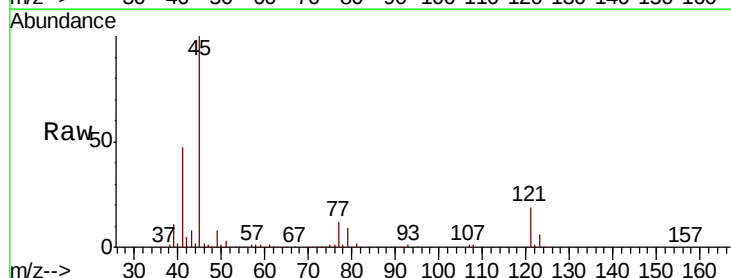
Tgt Ion: 45 Resp: 479443

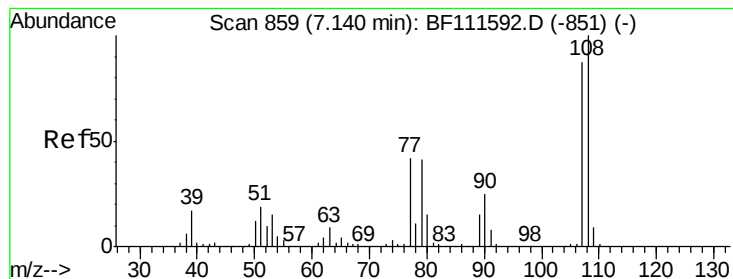
Ion Ratio Lower Upper

45 100

77 11.9 0.0 31.5

79 9.2 0.0 28.9

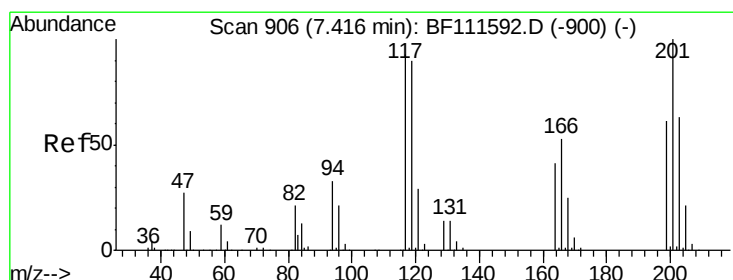
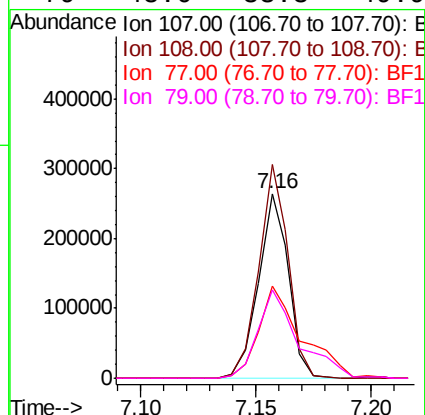
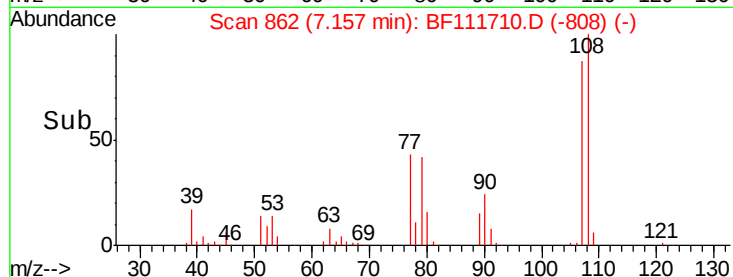
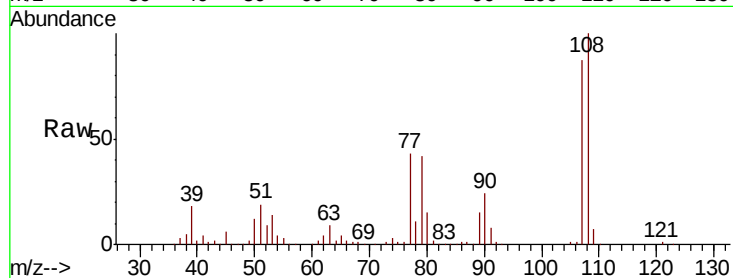




#17
2-Methylphenol
Concen: 29.362 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.02 min
Lab File: BF111710.D
Acq: 26 Dec 2018 12:35

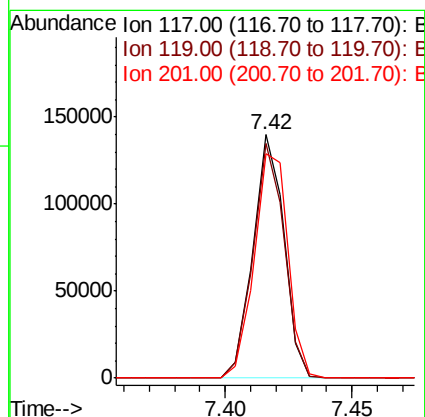
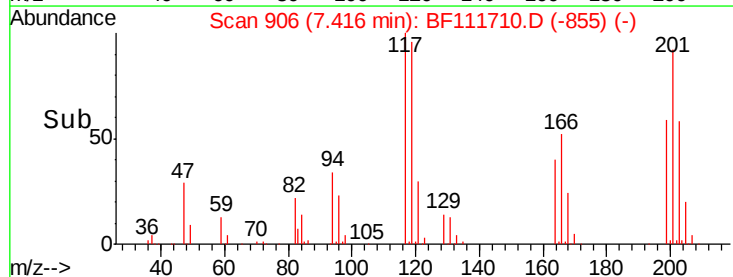
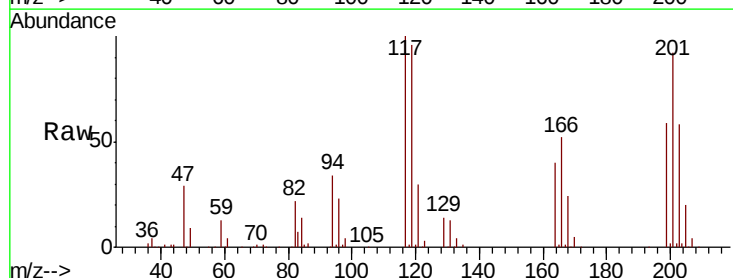
Instrument :
BNA_F
ClientSampleId :
PB115960BS

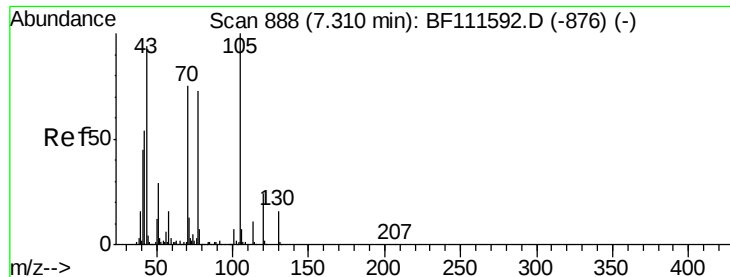
Tot Ion:107 Resp: 239344
Ion Ratio Lower Upper
107 100
108 115.5 91.0 136.4
77 49.7 33.5 50.3
79 48.0 33.3 49.9



#18
Hexachloroethane
Concen: 29.601 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF111710.D
Acq: 26 Dec 2018 12:35

Tgt Ion:117 Resp: 119345
Ion Ratio Lower Upper
117 100
119 96.2 75.4 113.0
201 92.3 62.4 93.6

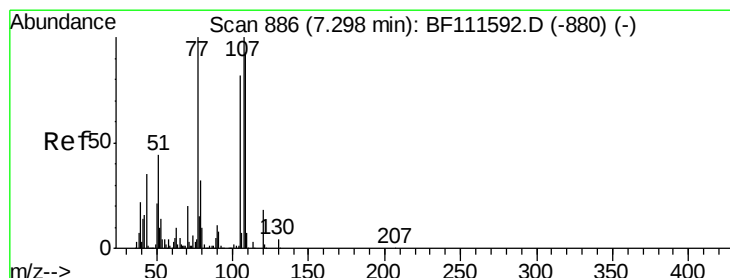
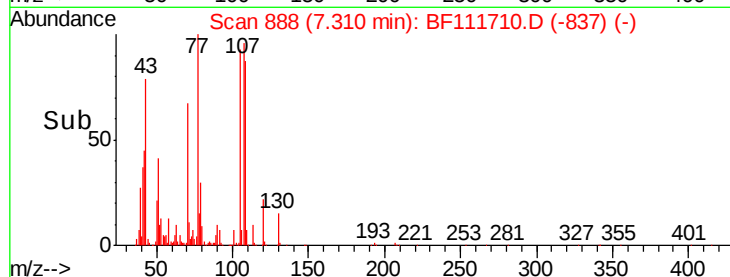
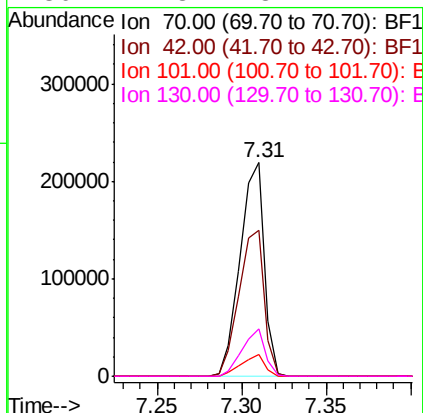
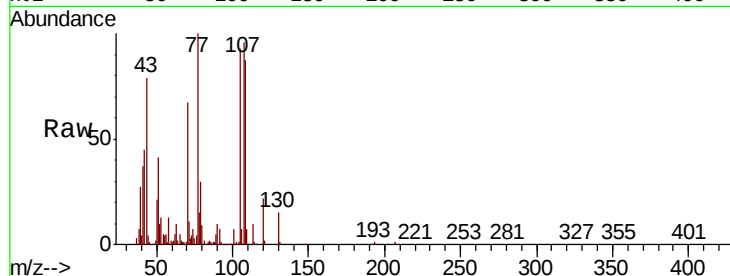




#19
n-Nitroso-di-n-propylamine
Concen: 28.312 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF111710.D
Acq: 26 Dec 2018 12:35

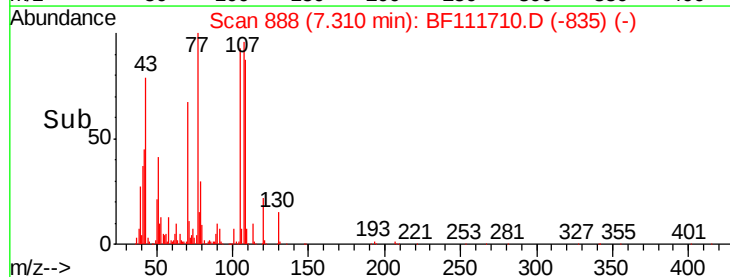
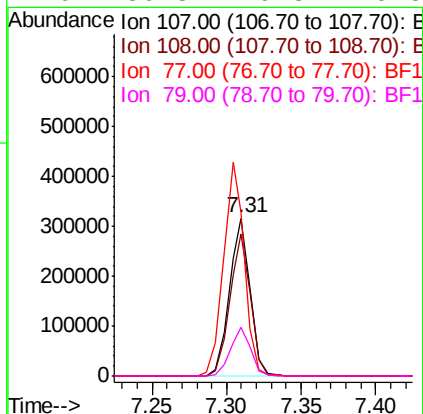
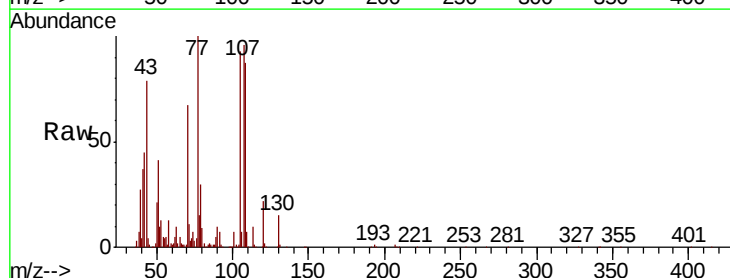
Instrument :
BNA_F
ClientSampleId :
PB115960BS

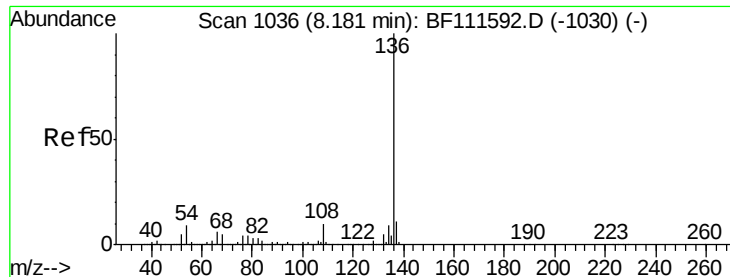
Tot Ion: 70 Resp: 219900
Ion Ratio Lower Upper
70 100
42 68.3 53.2 79.8
101 9.9 8.2 12.4
130 22.3 18.1 27.1



#20
3+4-Methylphenols
Concen: 29.989 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF111710.D
Acq: 26 Dec 2018 12:35

Tgt Ion: 107 Resp: 308878
Ion Ratio Lower Upper
107 100
108 90.5 72.1 112.1
77 104.3 94.1 134.1
79 30.8 9.8 49.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

Instrument :

BNA_F

ClientSampleId :

PB115960BS

Tot Ion:136 Resp: 584015

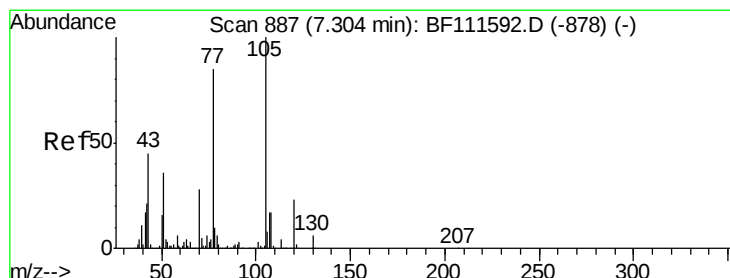
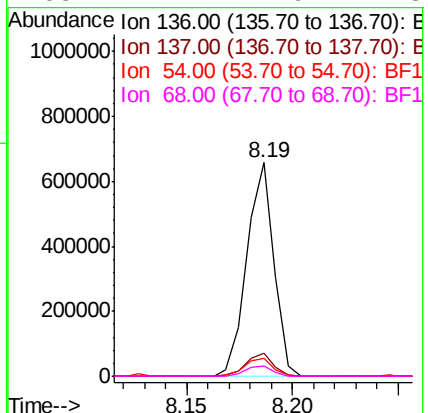
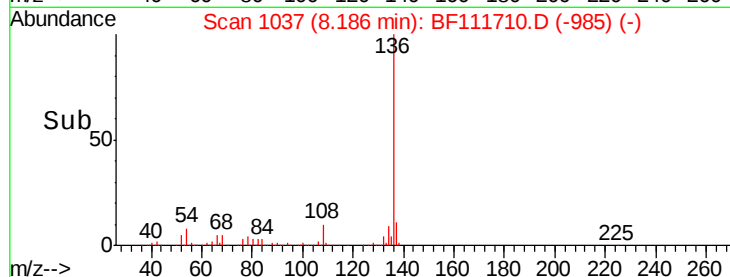
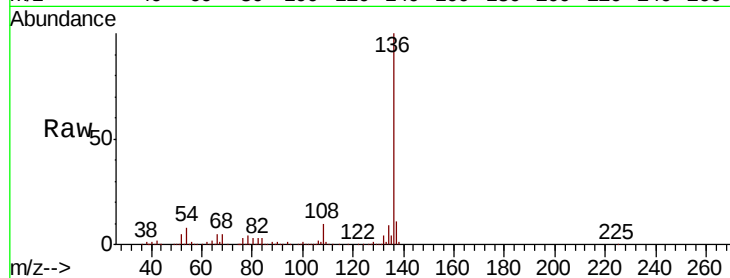
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 8.2 7.7 11.5

68 4.7 4.9 7.3#



#22

Acetophenone

Concen: 27.695 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

Tgt Ion:105 Resp: 409755

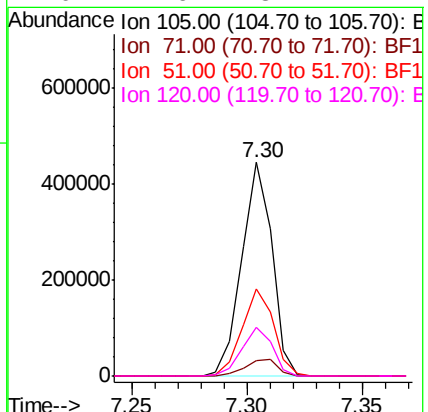
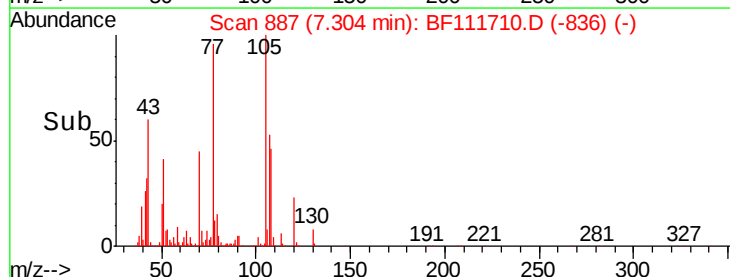
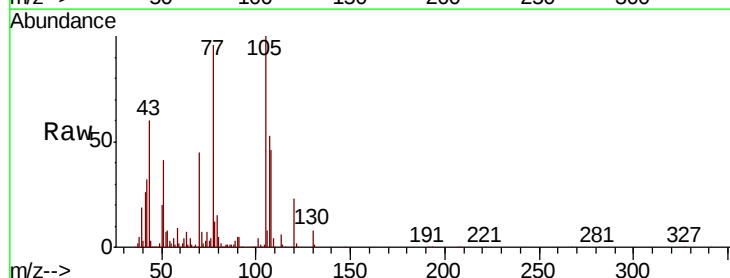
Ion Ratio Lower Upper

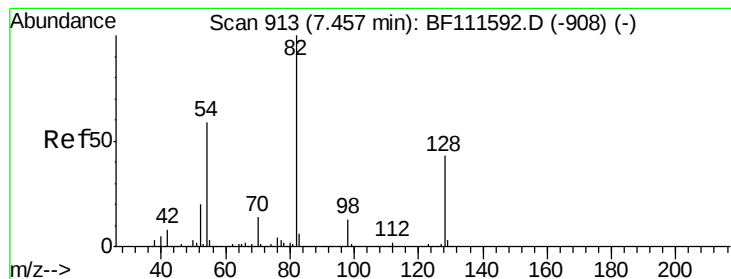
105 100

71 7.4 3.1 4.7#

51 40.7 36.6 54.8

120 22.6 18.2 27.4





#23

Nitrobenzene-d5

Concen: 65.924 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

Instrument :

BNA_F

ClientSampleId :

PB115960BS

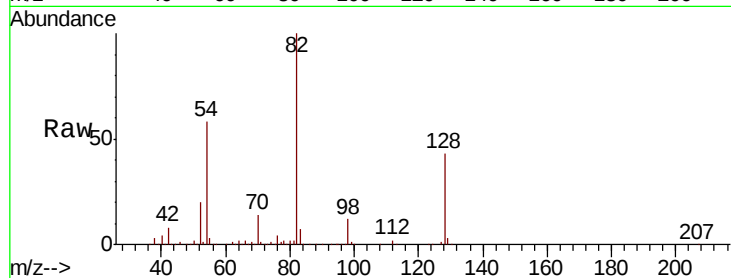
Tot Ion: 82 Resp: 661435

Ion Ratio Lower Upper

82 100

128 43.4 37.4 56.2

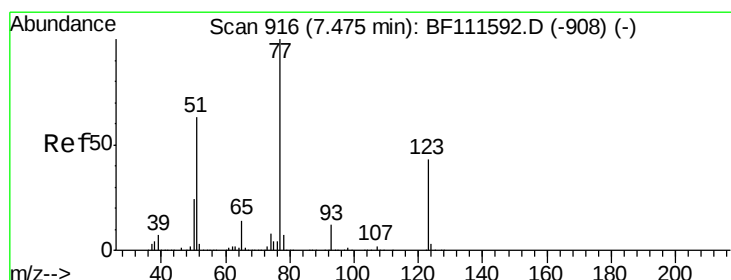
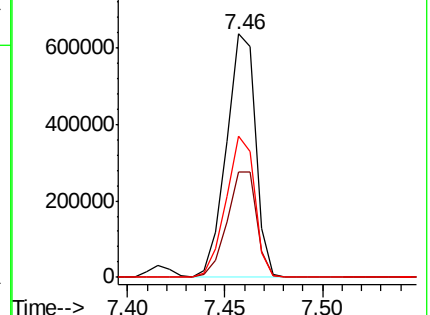
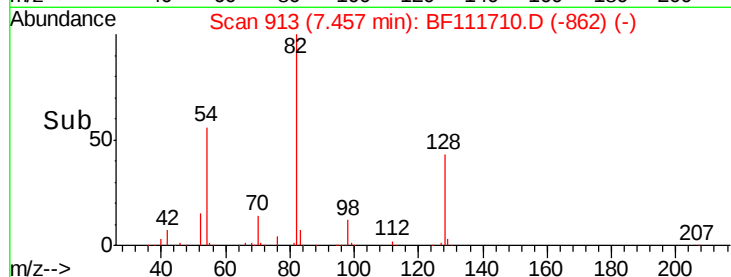
54 58.1 47.6 71.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 30.792 ng

RT: 7.48 min Scan# 917

Delta R.T. 0.01 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

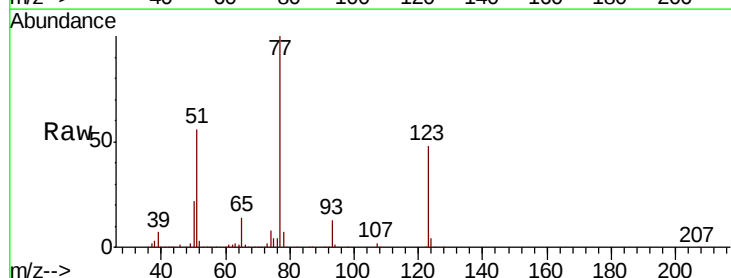
Tgt Ion: 77 Resp: 323798

Ion Ratio Lower Upper

77 100

123 48.4 37.2 55.8

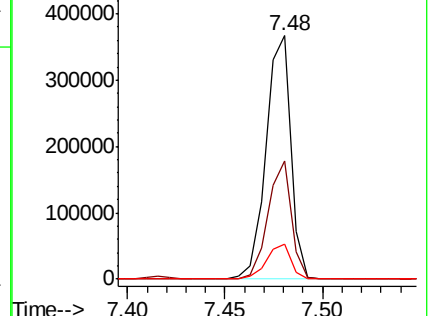
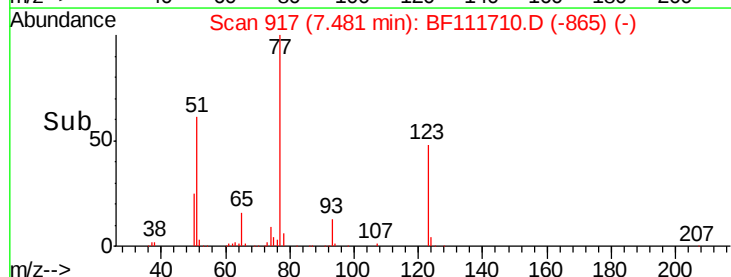
65 14.2 11.5 17.3

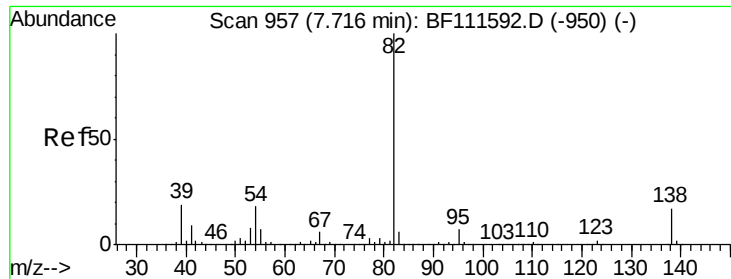


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 32.234 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

Instrument :

BNA_F

ClientSampleId :

PB115960BS

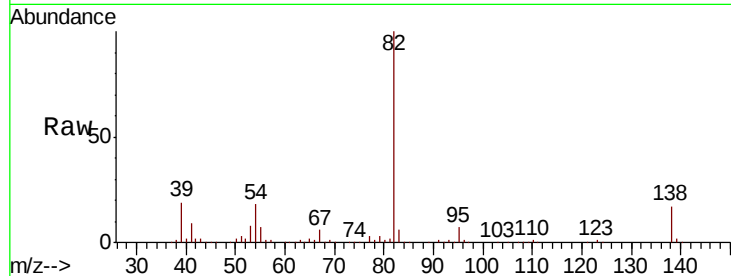
Tot Ion: 82 Resp: 574155

Ion Ratio Lower Upper

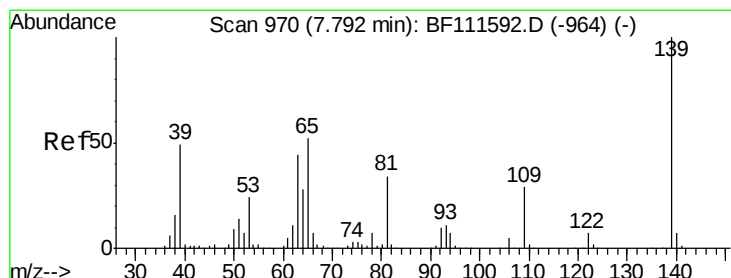
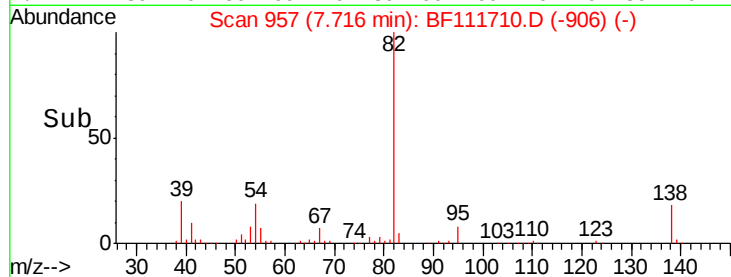
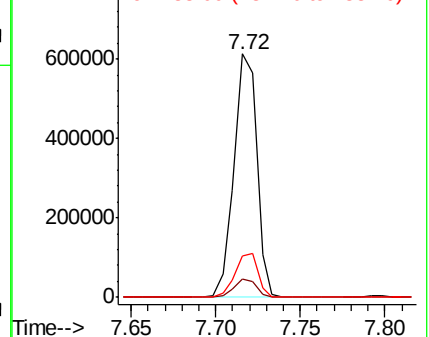
82 100

95 7.4 5.4 8.2

138 17.1 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: 34.643 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

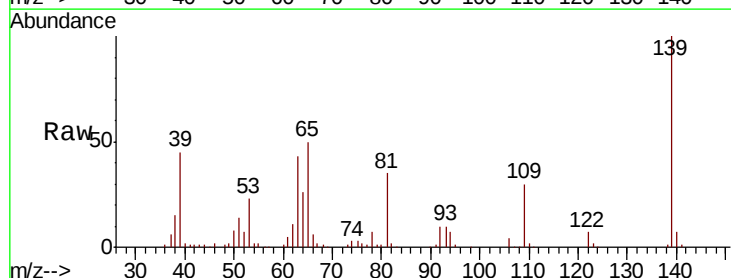
Tgt Ion: 139 Resp: 147747

Ion Ratio Lower Upper

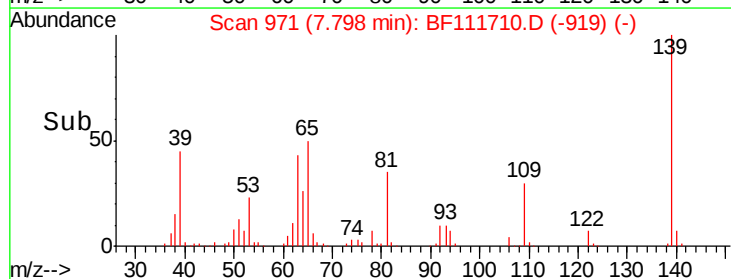
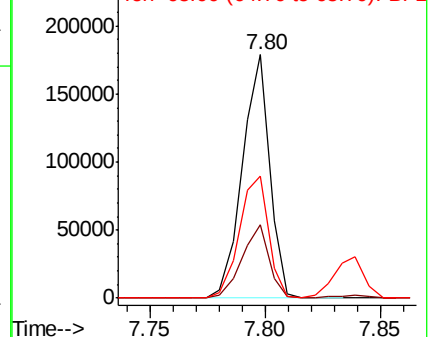
139 100

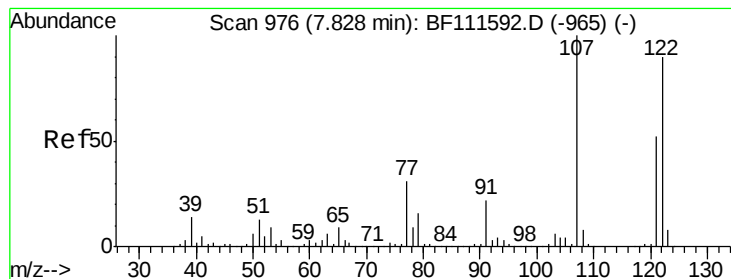
109 30.1 20.2 30.4

65 50.0 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: 31.263 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.01 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

Instrument :

BNA_F

ClientSampleId :

PB115960BS

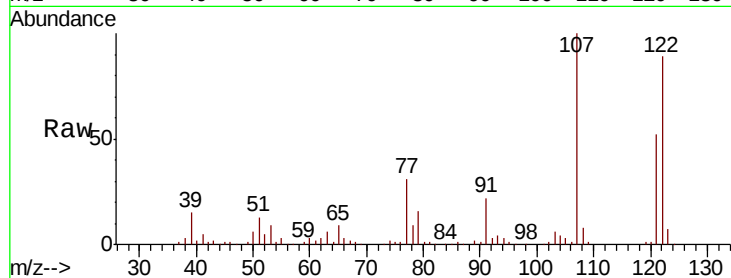
Tot Ion:122 Resp: 262838

Ion Ratio Lower Upper

122 100

107 112.3 85.5 128.3

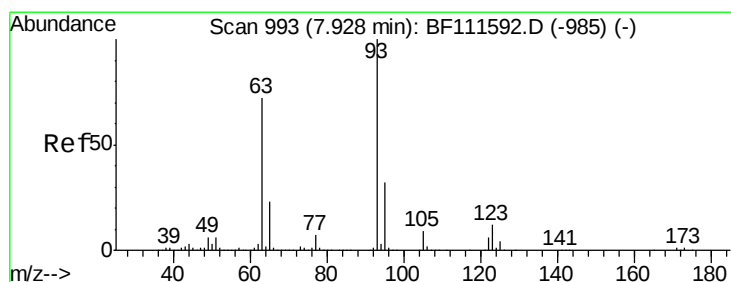
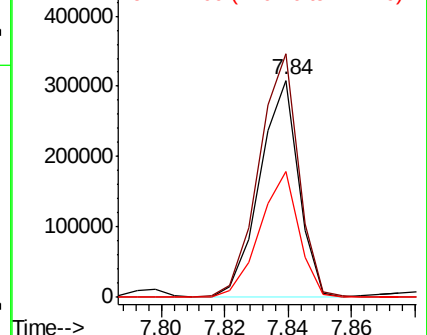
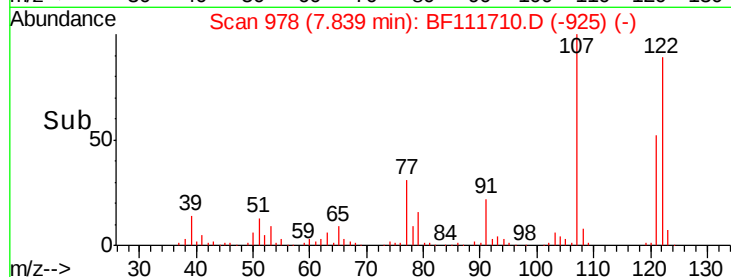
121 58.3 46.6 70.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 29.790 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

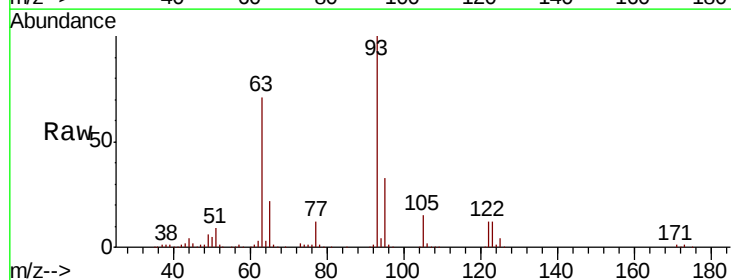
Tgt Ion: 93 Resp: 353101

Ion Ratio Lower Upper

93 100

95 32.6 27.1 40.7

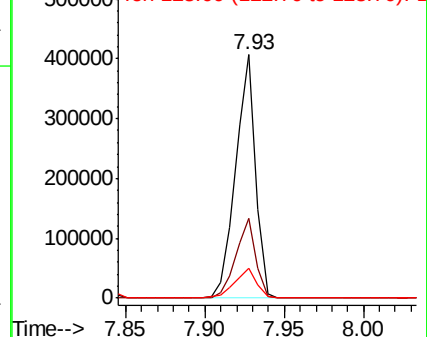
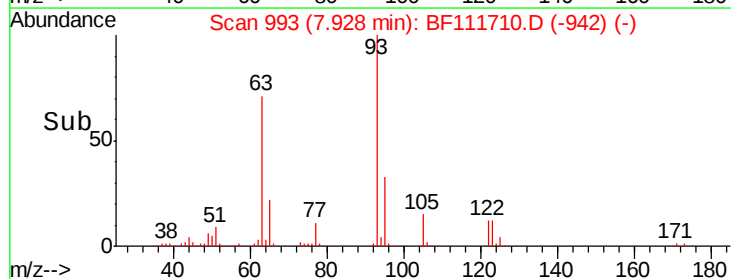
123 12.1 9.9 14.9

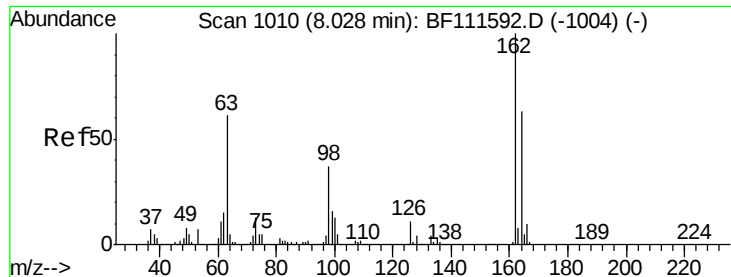


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

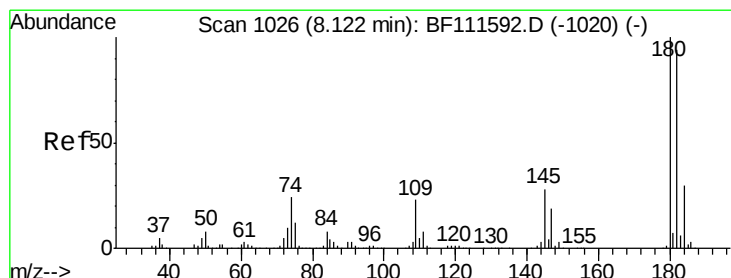
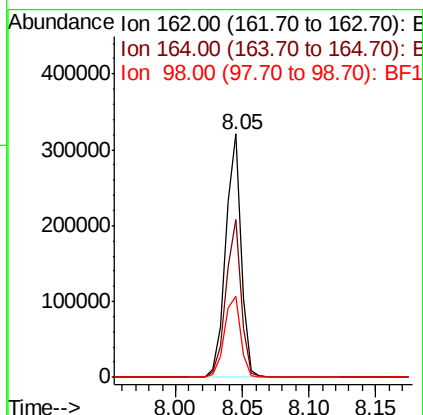
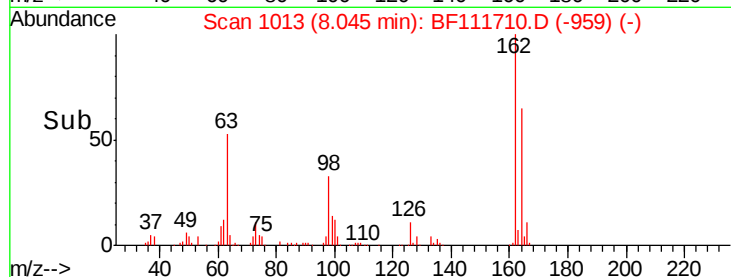
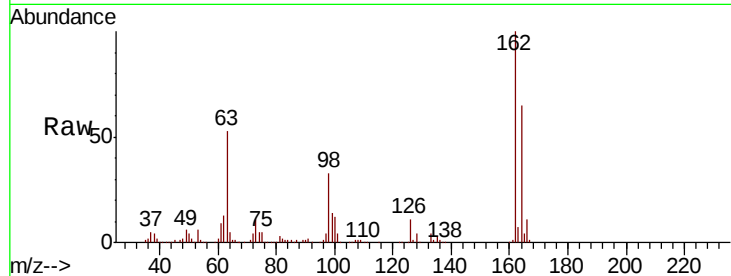




#29
2,4-Dichlorophenol
Concen: 29.279 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.02 min
Lab File: BF111710.D
Acq: 26 Dec 2018 12:35

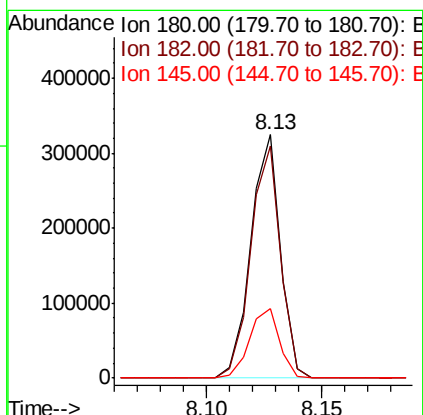
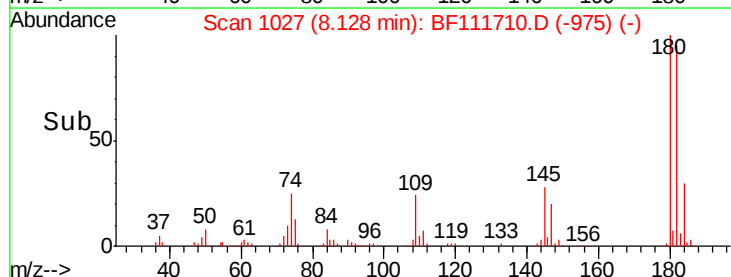
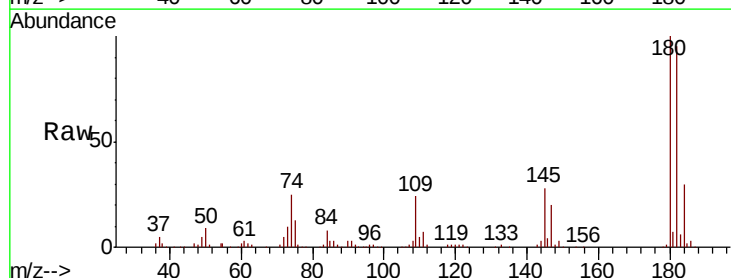
Instrument :
BNA_F
ClientSampleId :
PB115960BS

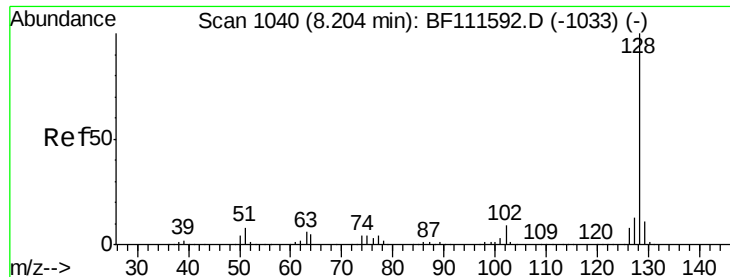
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.4	84.4
98	33.4	20.3	60.3



#30
1,2,4-Trichlorobenzene
Concen: 28.769 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF111710.D
Acq: 26 Dec 2018 12:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.6	113.4
145	28.5	26.7	40.1

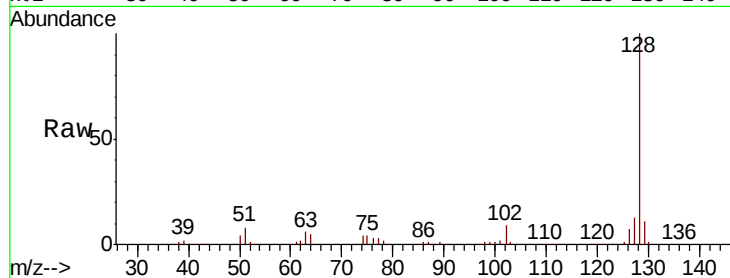




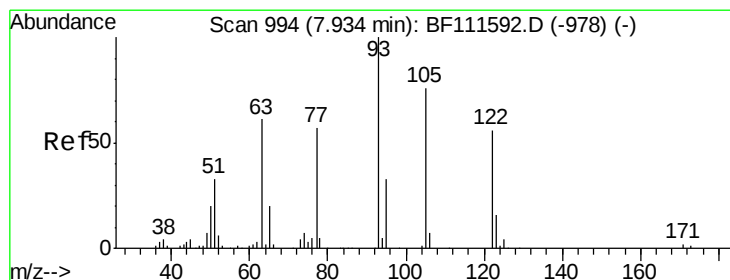
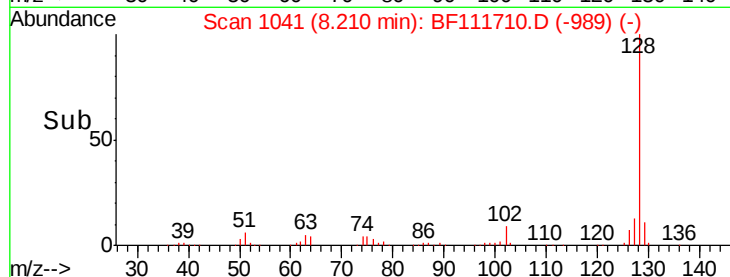
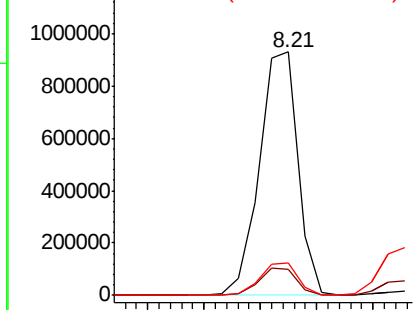
#31
Naphthalene
Concen: 31.505 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF111710.D
Acq: 26 Dec 2018 12:35

Instrument :
BNA_F
ClientSampleId :
PB115960BS

Tot Ion:128 Resp: 884061
Ion Ratio Lower Upper
128 100
129 10.6 9.8 14.8
127 13.1 12.0 18.0

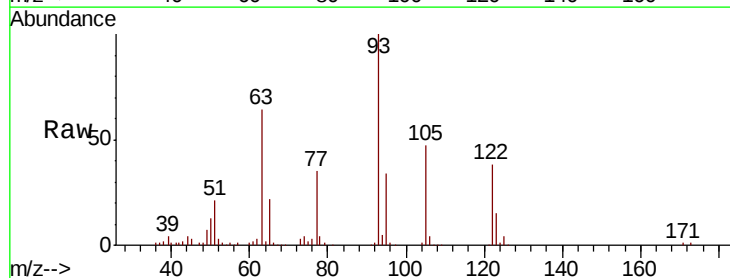


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

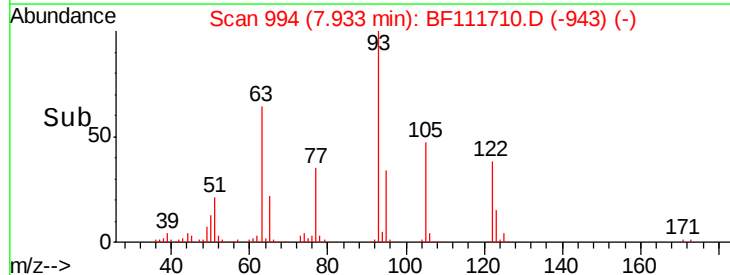
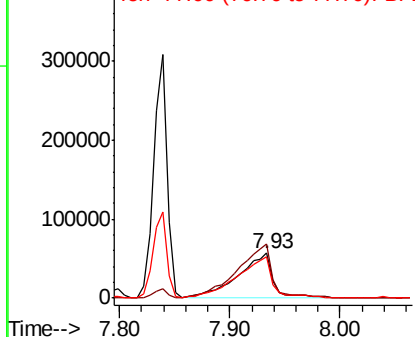


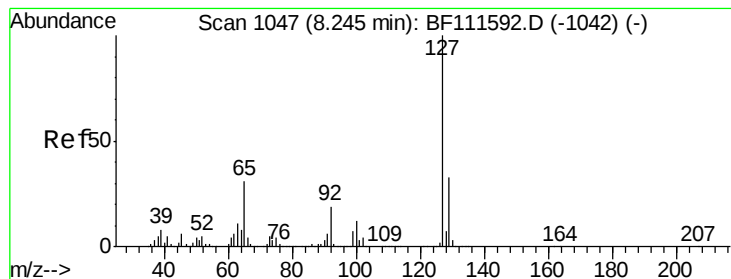
#32
Benzoic acid
Concen: 22.045 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF111710.D
Acq: 26 Dec 2018 12:35

Tgt Ion:122 Resp: 122544
Ion Ratio Lower Upper
122 100
105 122.4 97.0 137.0
77 91.8 65.7 105.7



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





#33

4-Chloroaniline

Concen: 13.776 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.01 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

Instrument :

BNA_F

ClientSampleId :

PB115960BS

Tot Ion:127 Resp: 167088

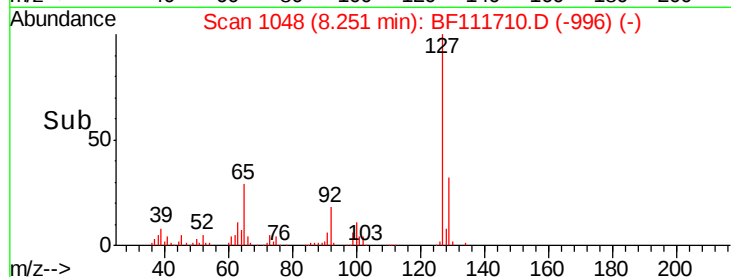
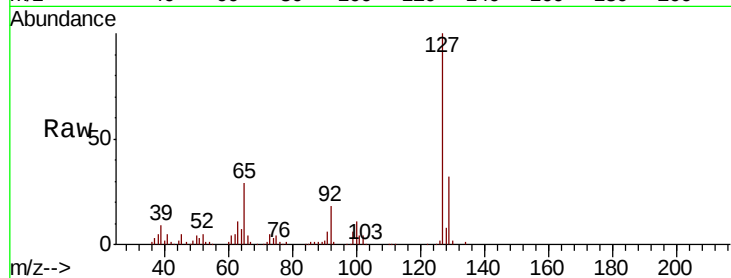
Ion Ratio Lower Upper

127 100

129 31.5 26.6 39.8

65 29.5 25.7 38.5

92 17.9 15.4 23.2

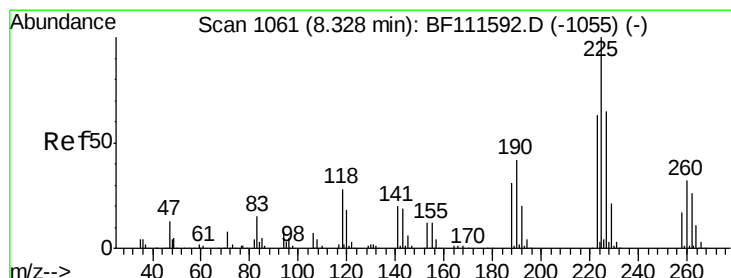
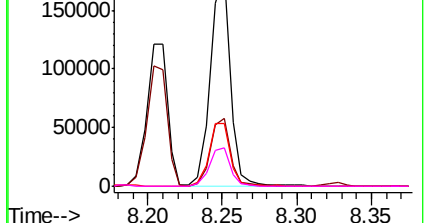


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 29.213 ng

RT: 8.33 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

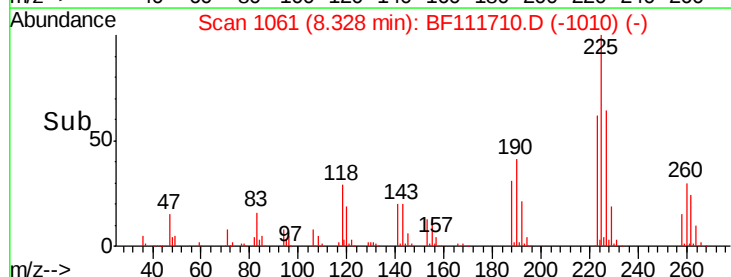
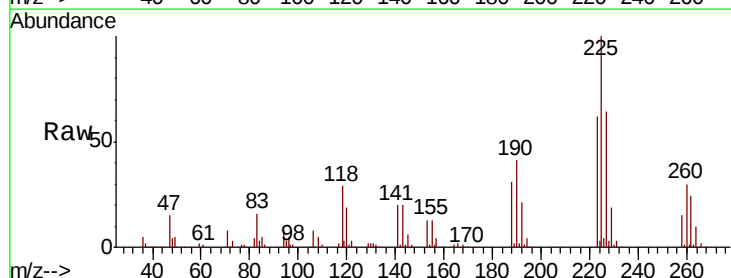
Tgt Ion:225 Resp: 179412

Ion Ratio Lower Upper

225 100

223 61.9 50.7 76.1

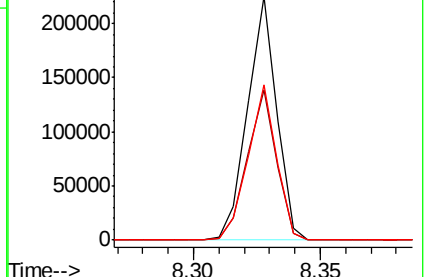
227 63.9 52.6 78.8

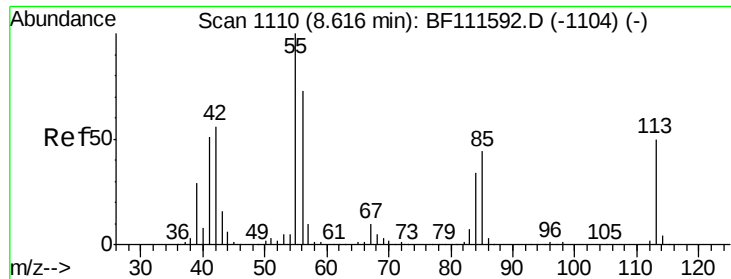


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

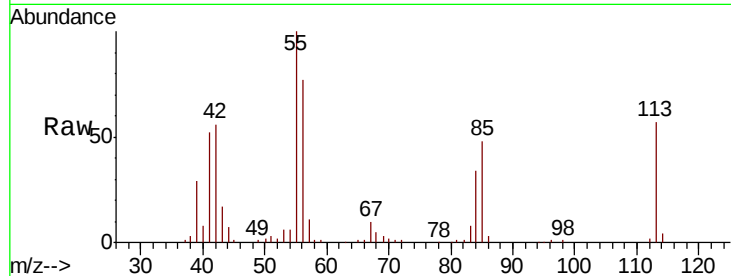




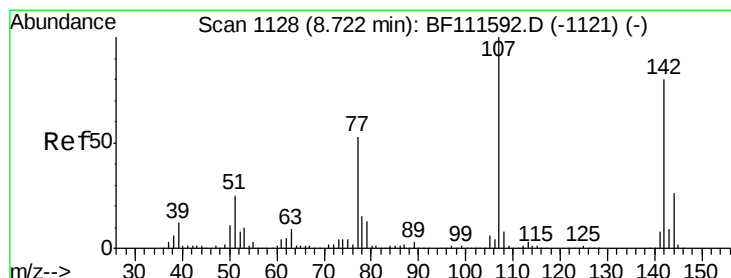
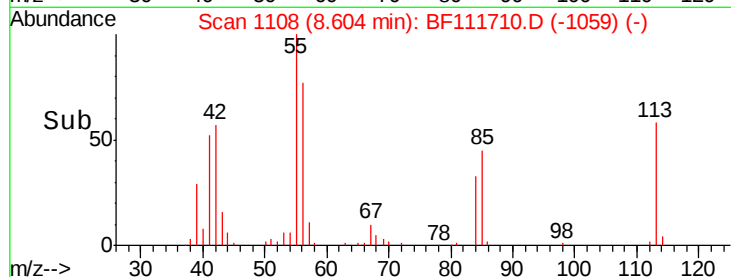
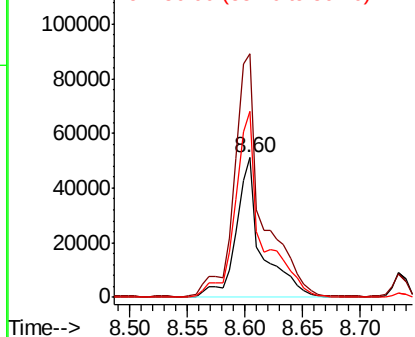
#35
 Caprolactam
 Concen: 25.613 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF111710.D
 Acq: 26 Dec 2018 12:35

Instrument :
 BNA_F
 ClientSampleId :
 PB115960BS

Tot Ion:113 Resp: 78483
 Ion Ratio Lower Upper
 113 100
 55 174.6 184.1 224.1#
 56 133.7 126.0 166.0

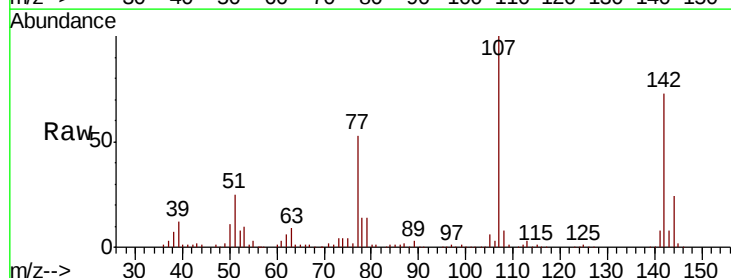


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

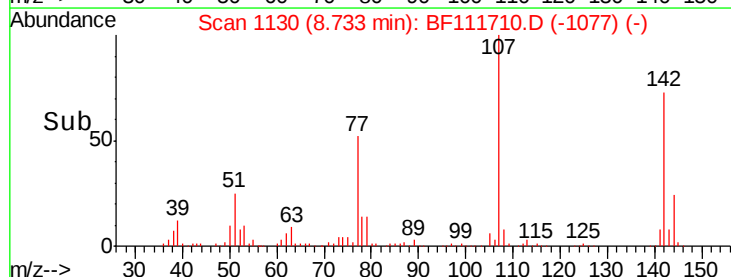
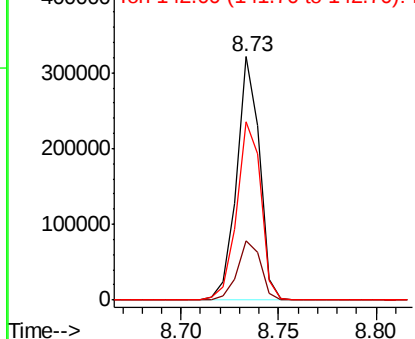


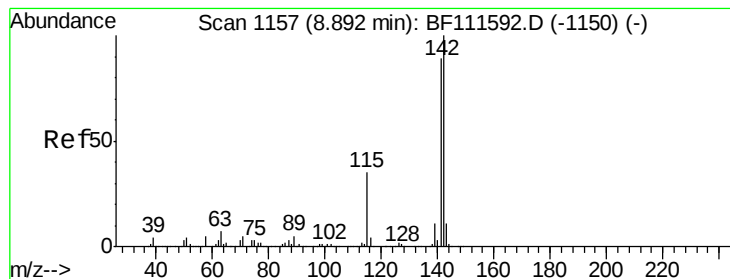
#36
 4-Chloro-3-methylphenol
 Concen: 29.410 ng
 RT: 8.73 min Scan# 1130
 Delta R.T. 0.01 min
 Lab File: BF111710.D
 Acq: 26 Dec 2018 12:35

Tgt Ion:107 Resp: 261423
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.8 29.6
 142 73.4 62.3 93.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 32.904 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.01 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

Instrument :

BNA_F

ClientSampleId :

PB115960BS

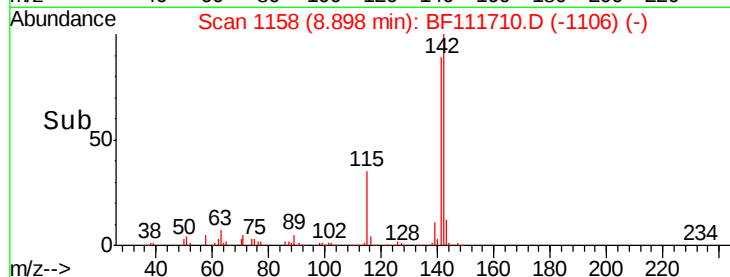
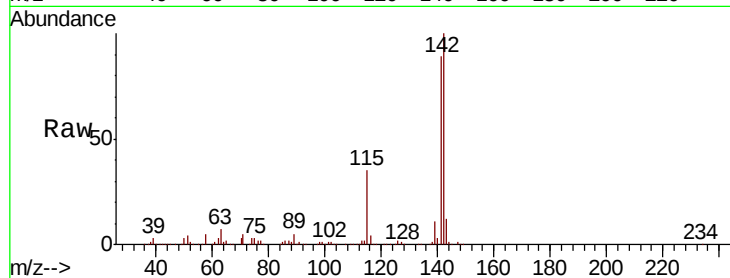
Tot Ion:142 Resp: 600714

Ion Ratio Lower Upper

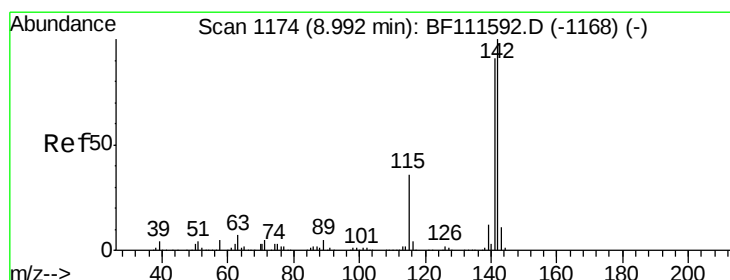
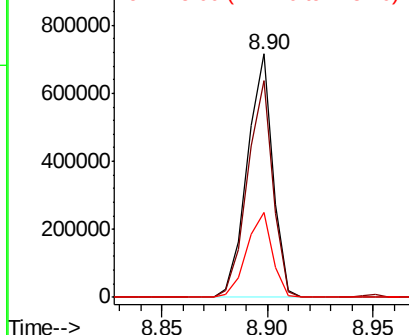
142 100

141 89.0 70.6 105.8

115 35.0 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: 32.121 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.01 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

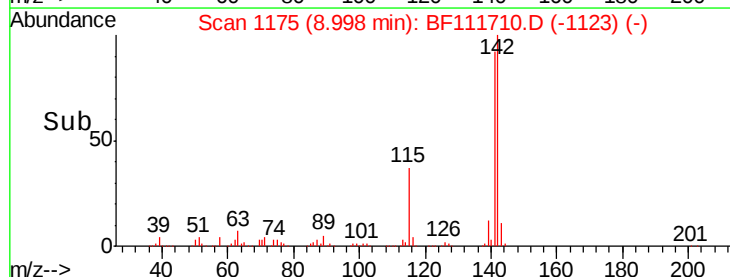
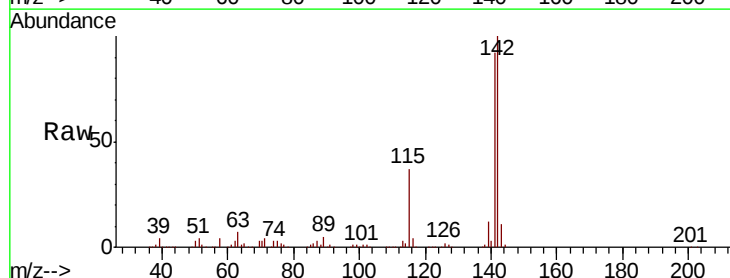
Tgt Ion:142 Resp: 563202

Ion Ratio Lower Upper

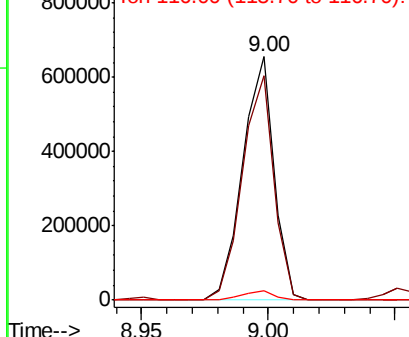
142 100

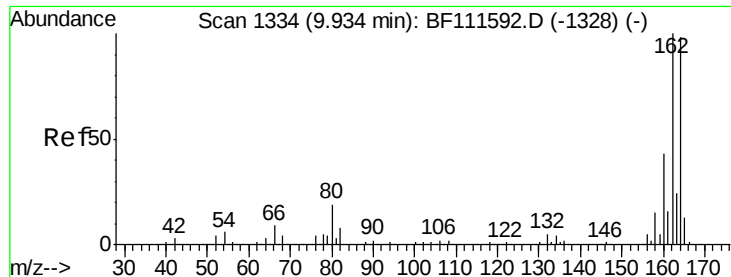
141 92.3 74.2 111.4

116 3.8 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

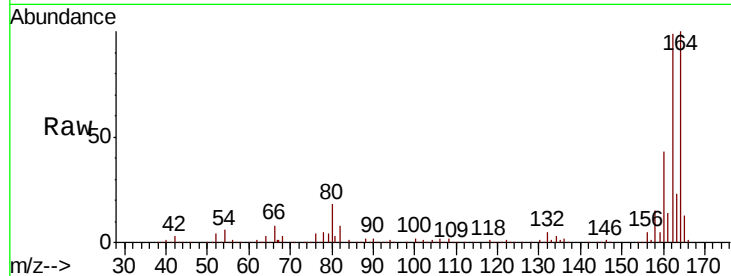




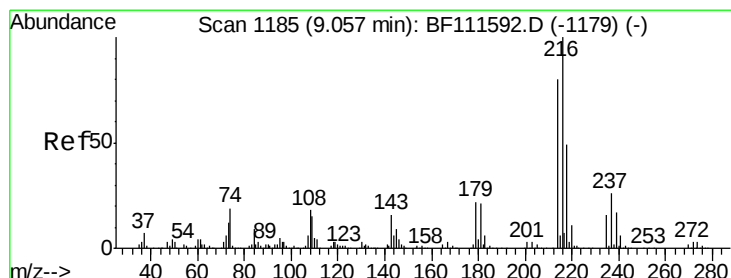
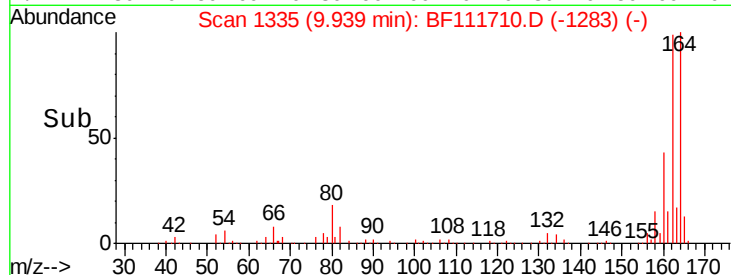
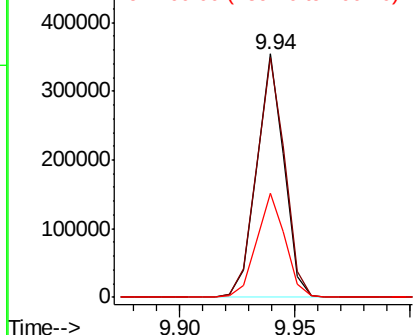
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111710.D
Acq: 26 Dec 2018 12:35

Instrument :
BNA_F
ClientSampleId :
PB115960BS

Tot Ion:164 Resp: 291049
Ion Ratio Lower Upper
164 100
162 98.7 81.4 122.0
160 42.9 35.7 53.5

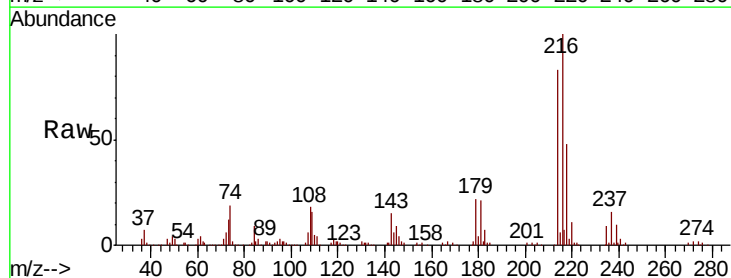


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

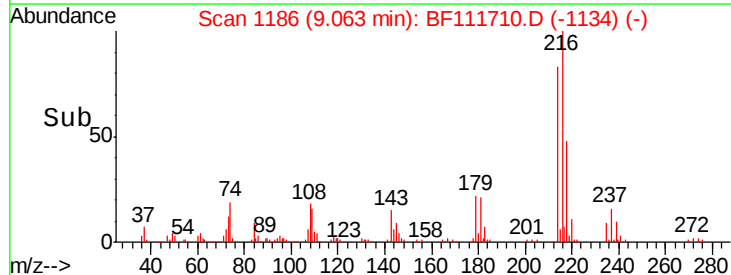
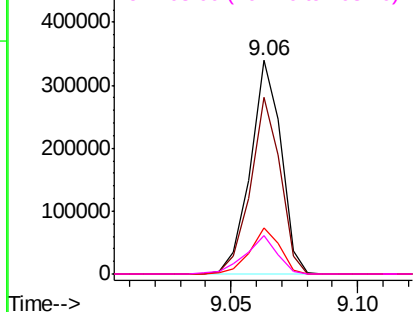


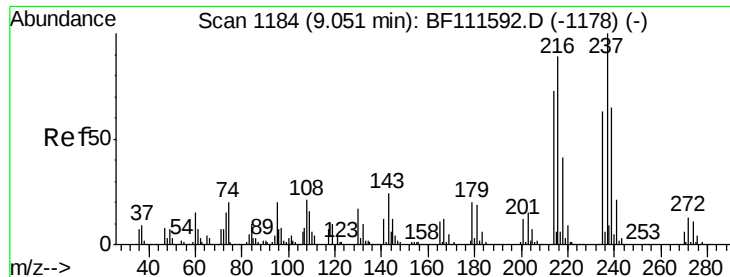
#40
1,2,4,5-Tetrachlorobenzene
Concen: 29.991 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BF111710.D
Acq: 26 Dec 2018 12:35

Tgt Ion:216 Resp: 286826
Ion Ratio Lower Upper
216 100
214 80.1 63.8 95.8
179 21.2 17.9 26.9
108 18.8 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: 54.885 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

Instrument :

BNA_F

ClientSampleId :

PB115960BS

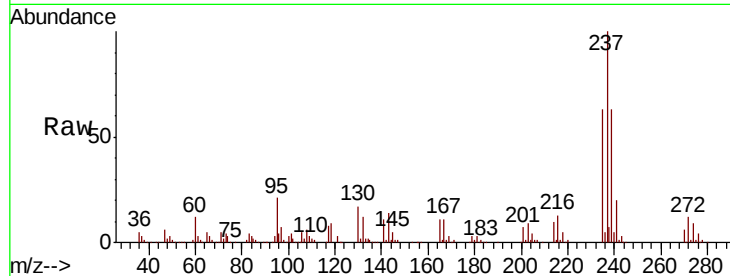
Tot Ion:237 Resp: 254723

Ion Ratio Lower Upper

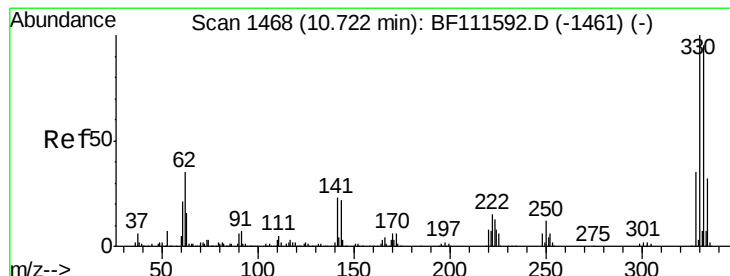
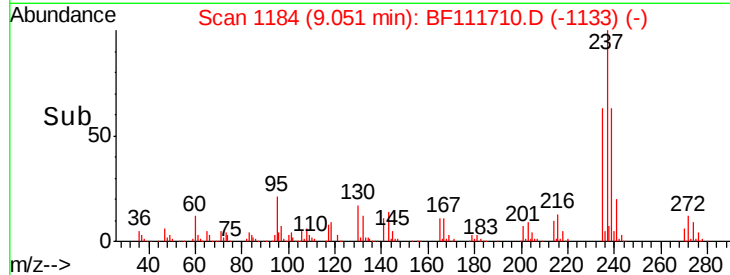
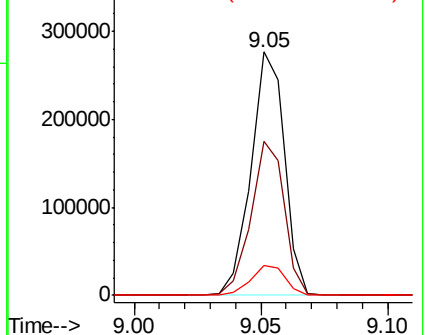
237 100

235 63.2 43.1 83.1

272 12.4 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: 92.522 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

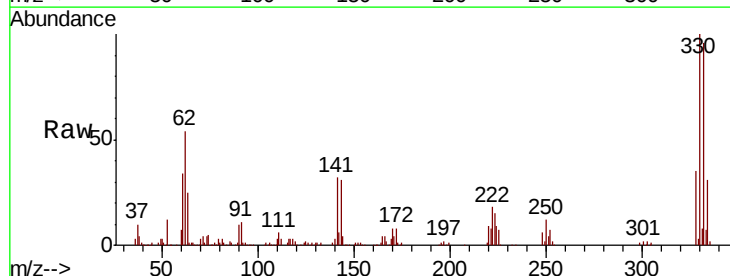
Tgt Ion:330 Resp: 318181

Ion Ratio Lower Upper

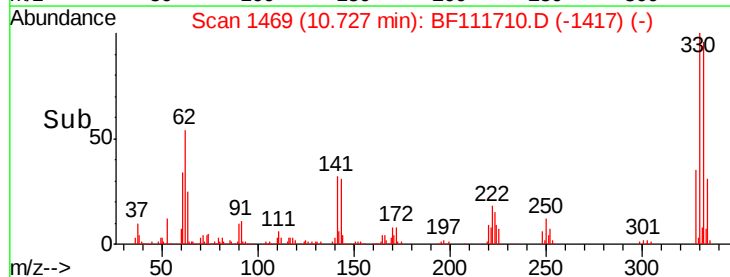
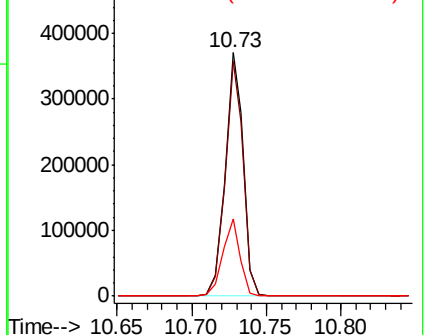
330 100

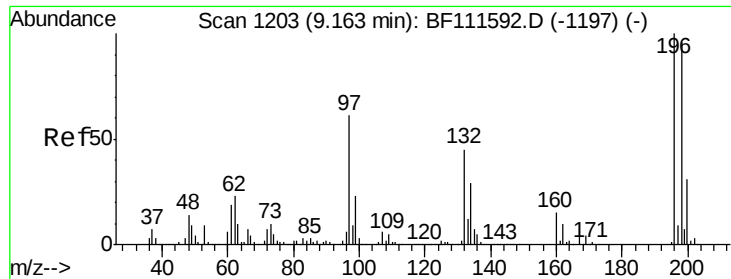
332 96.1 76.0 114.0

141 30.3 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

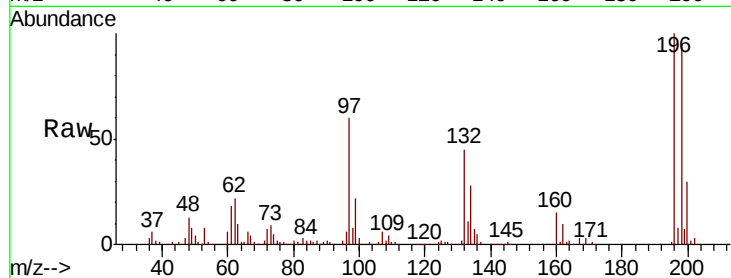




#43
 2,4,6-Trichlorophenol
 Concen: 29.667 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF111710.D
 Acq: 26 Dec 2018 12:35

Instrument :
 BNA_F
 ClientSampleId :
 PB115960BS

Tot Ion	196	Resp	189436
Ion Ratio	Lower	Upper	
196	100		
198	95.2	76.3	114.5
200	30.5	24.9	37.3

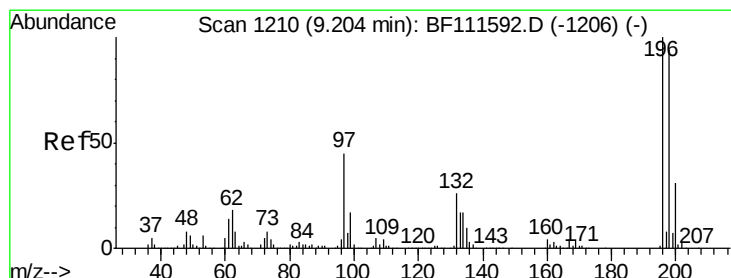
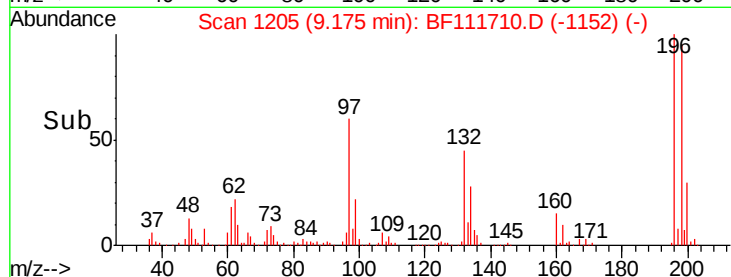
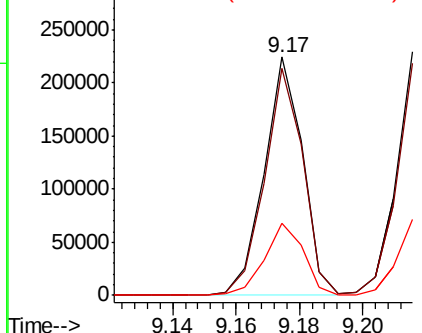


Abundance

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: 29.721 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: BF111710.D
 Acq: 26 Dec 2018 12:35

Tgt Ion	196	Resp	194692
Ion Ratio	Lower	Upper	
196	100		
198	95.3	72.9	109.3
97	52.5	45.3	67.9
132	29.2	25.5	38.3

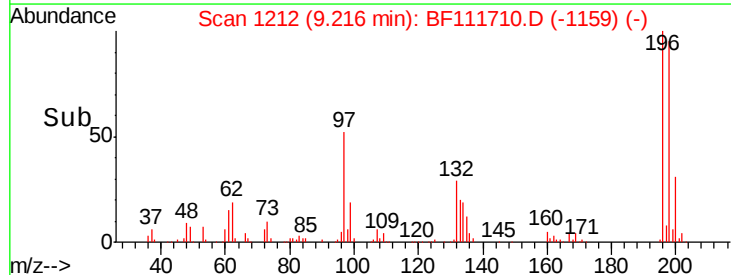
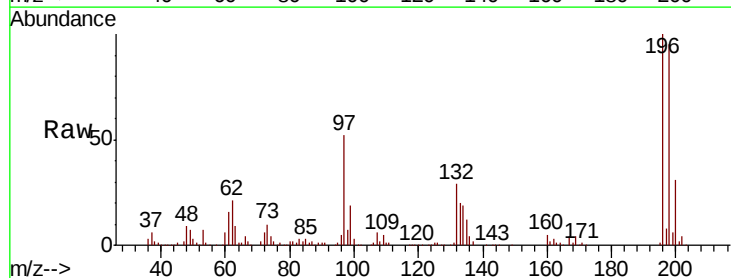
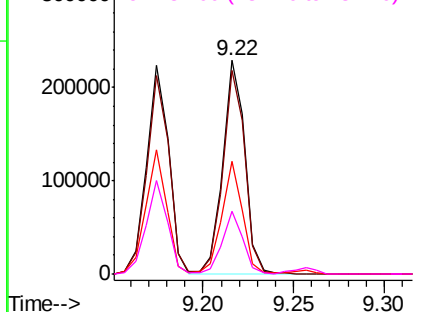
Abundance

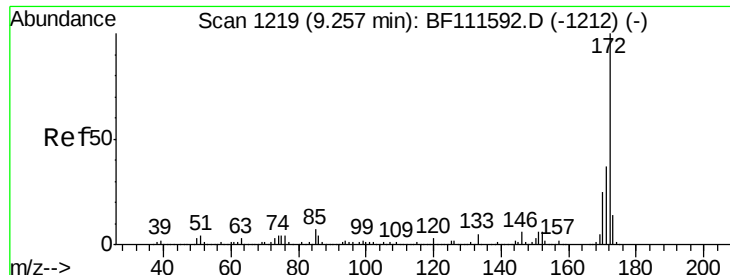
Ion 196.00 (195.70 to 196.70): E

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

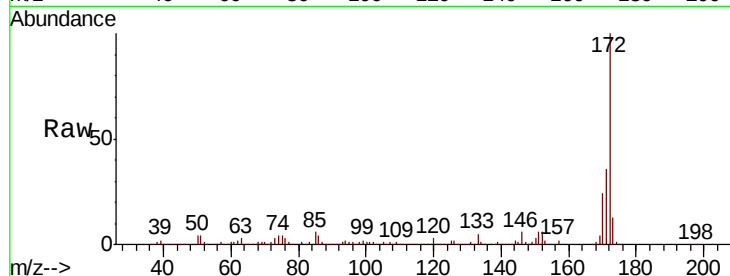




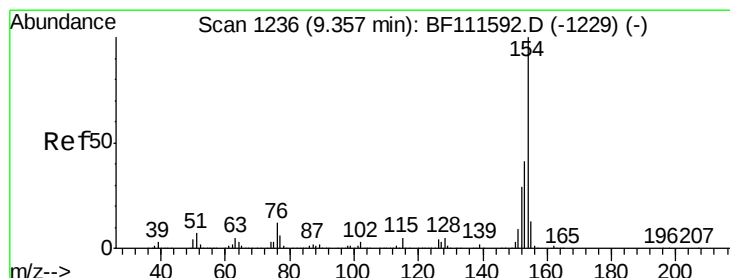
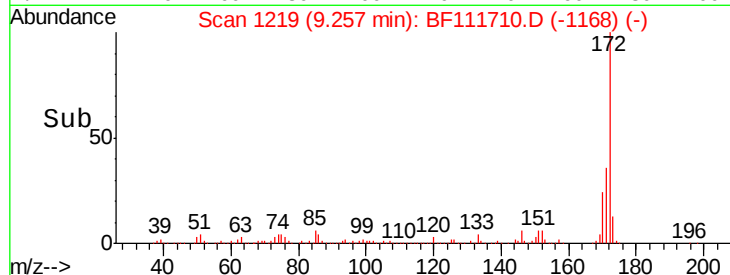
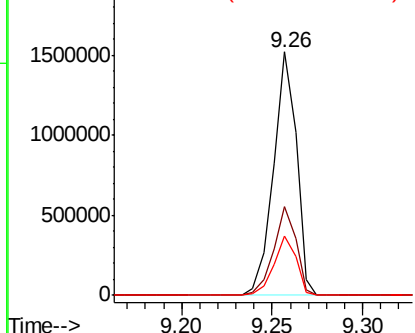
#45
2-Fluorobiphenyl
Concen: 66.743 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111710.D
Acq: 26 Dec 2018 12:35

Instrument :
BNA_F
ClientSampleId :
PB115960BS

Tot Ion:172 Resp: 1332717
Ion Ratio Lower Upper
172 100
171 36.3 33.0 49.4
170 24.1 22.3 33.5

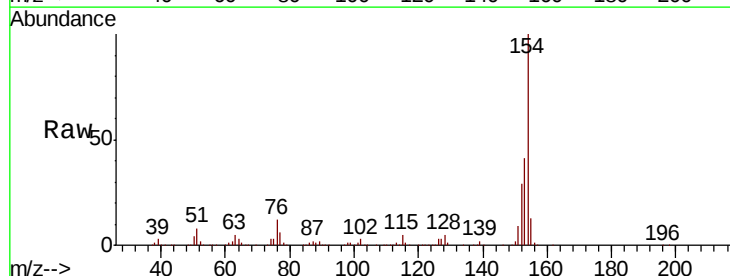


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

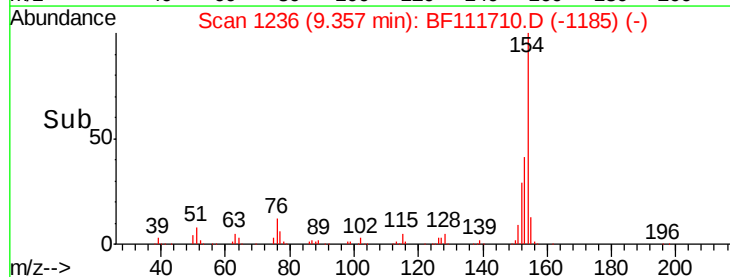
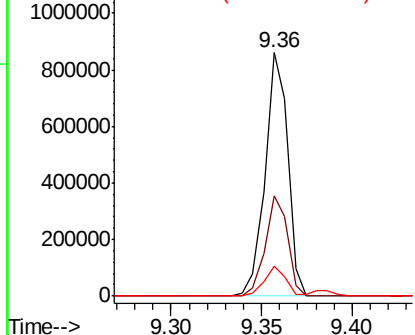


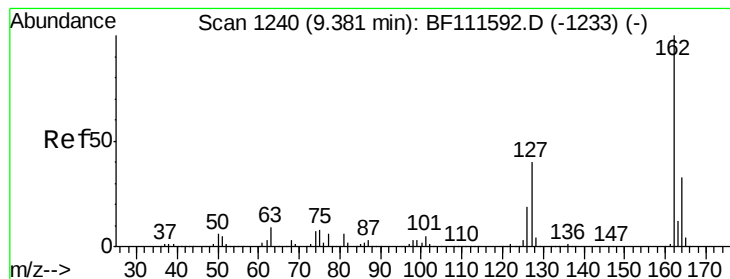
#46
1,1'-Biphenyl
Concen: 30.389 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BF111710.D
Acq: 26 Dec 2018 12:35

Tgt Ion:154 Resp: 746637
Ion Ratio Lower Upper
154 100
153 41.3 23.7 63.7
76 12.4 0.0 35.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 29.454 ng

RT: 9.39 min Scan# 1241

Delta R.T. 0.01 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

Instrument :

BNA_F

ClientSampleId :

PB115960BS

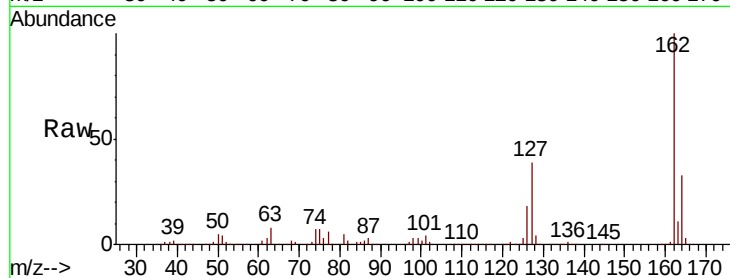
Tot Ion:162 Resp: 573338

Ion Ratio Lower Upper

162 100

127 38.7 35.0 52.4

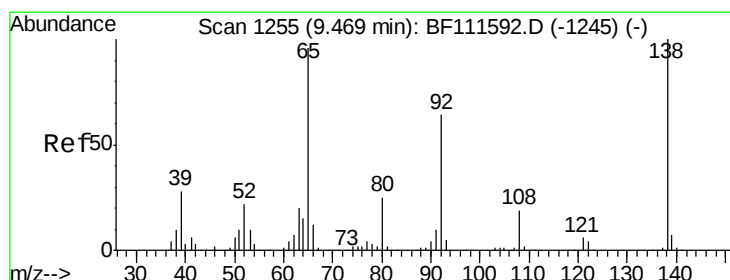
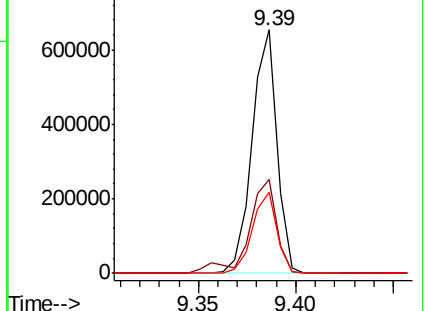
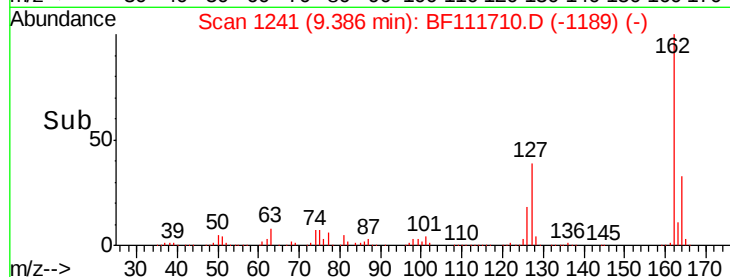
164 33.3 28.4 42.6



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: 33.414 ng

RT: 9.47 min Scan# 1256

Delta R.T. 0.01 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

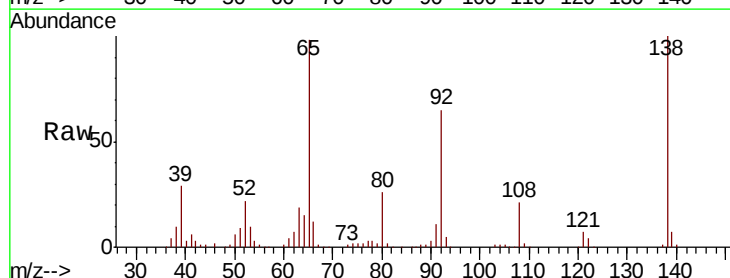
Tgt Ion: 65 Resp: 169209

Ion Ratio Lower Upper

65 100

92 66.8 53.5 80.3

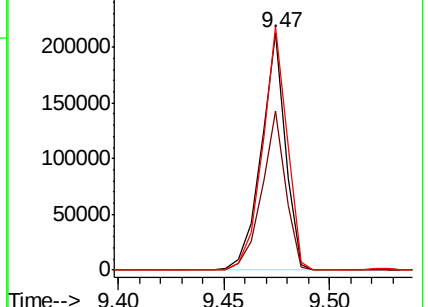
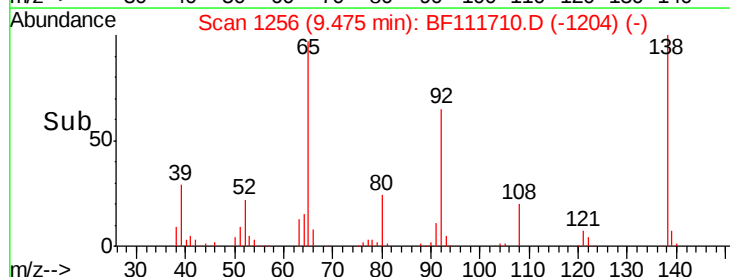
138 102.4 80.9 121.3

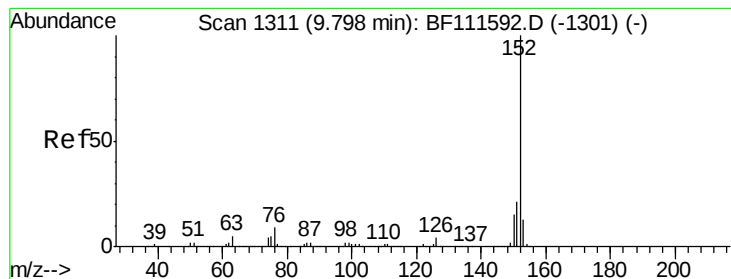


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 31.752 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

Instrument :

BNA_F

ClientSampleId :

PB115960BS

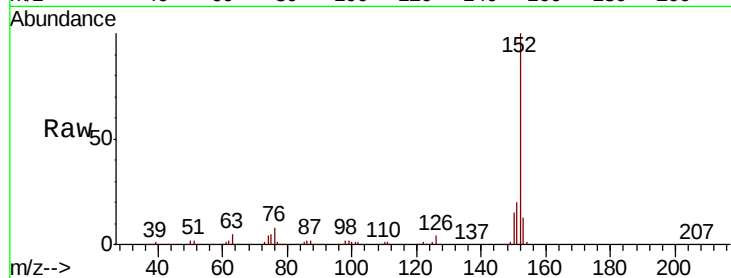
Tot Ion:152 Resp: 902441

Ion Ratio Lower Upper

152 100

151 19.8 18.0 27.0

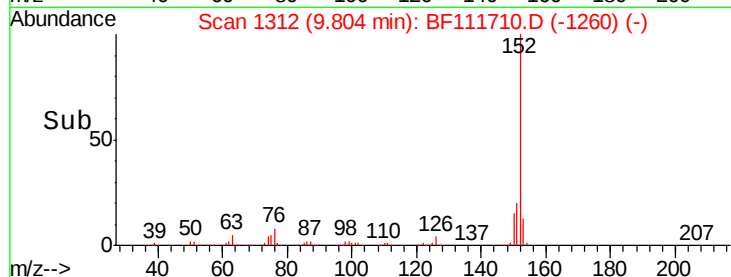
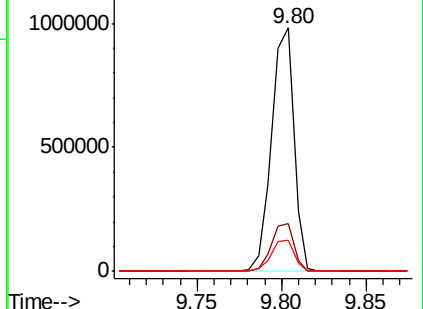
153 12.9 12.3 18.5



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: 31.705 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

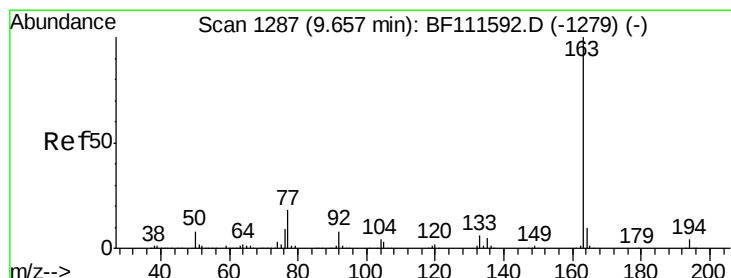
Tgt Ion:163 Resp: 674806

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

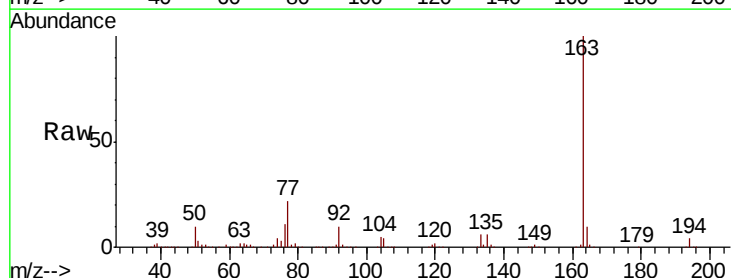
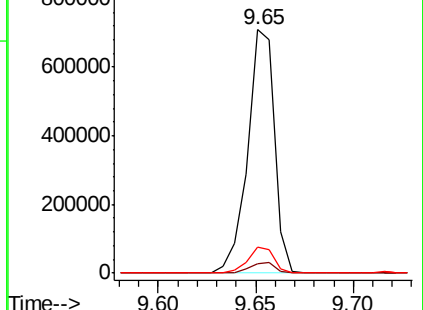
164 10.4 8.9 13.3

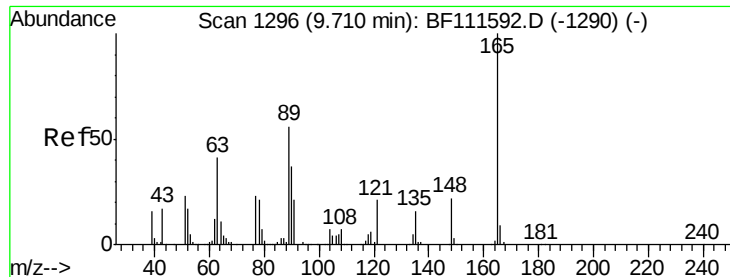


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

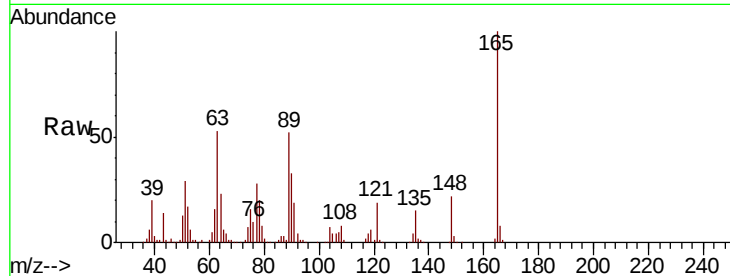




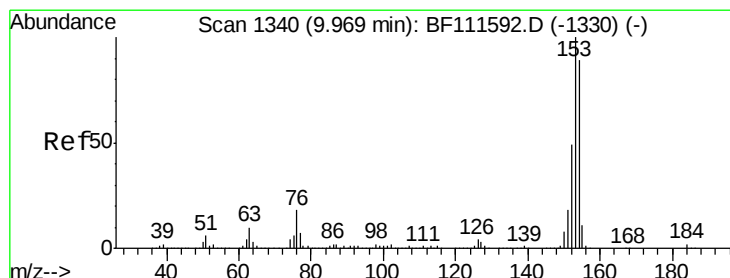
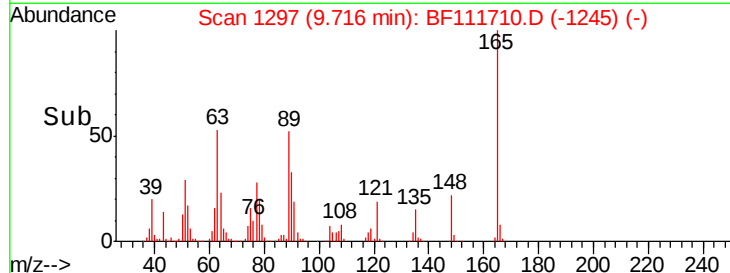
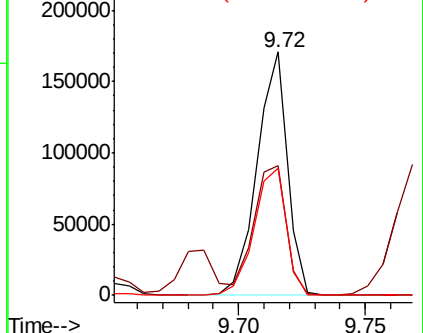
#51
2,6-Dinitrotoluene
Concen: 33.768 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF111710.D
Acq: 26 Dec 2018 12:35

Instrument :
BNA_F
ClientSampleId :
PB115960BS

Tot Ion:165 Resp: 143307
Ion Ratio Lower Upper
165 100
63 53.4 40.5 60.7
89 52.2 40.0 60.0

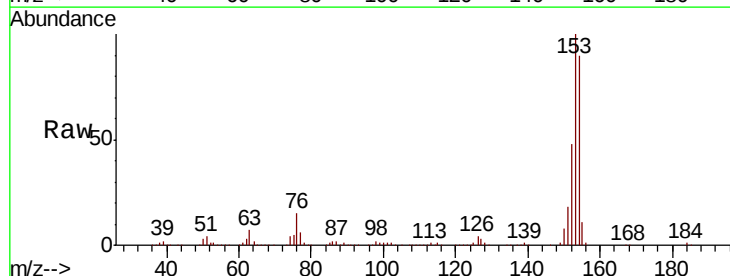


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

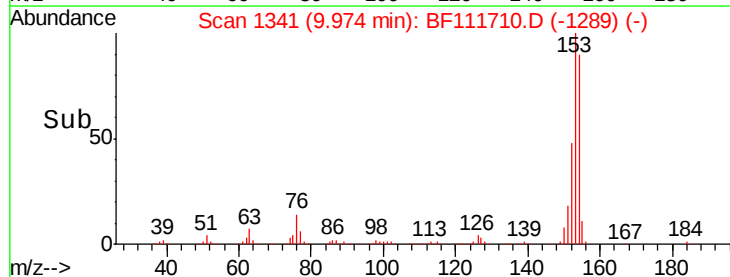
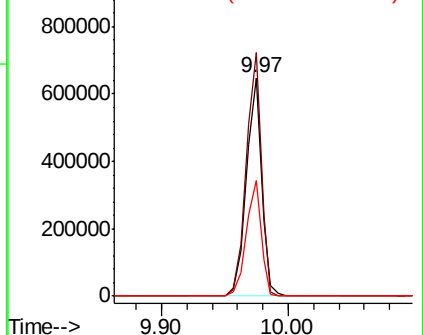


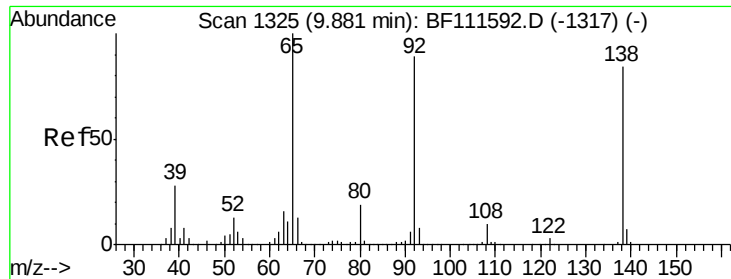
#52
Acenaphthene
Concen: 30.676 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF111710.D
Acq: 26 Dec 2018 12:35

Tgt Ion:154 Resp: 537727
Ion Ratio Lower Upper
154 100
153 111.7 87.8 131.8
152 53.2 43.4 65.2



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

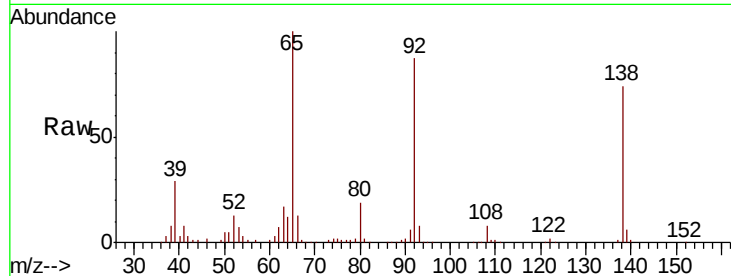




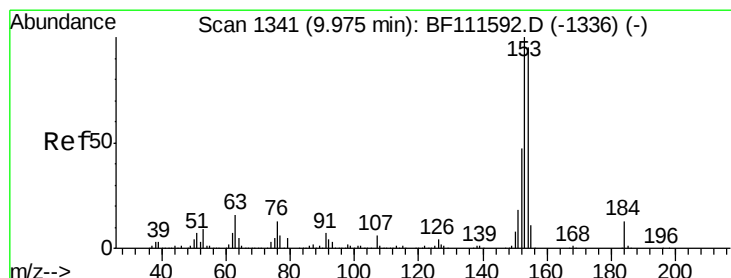
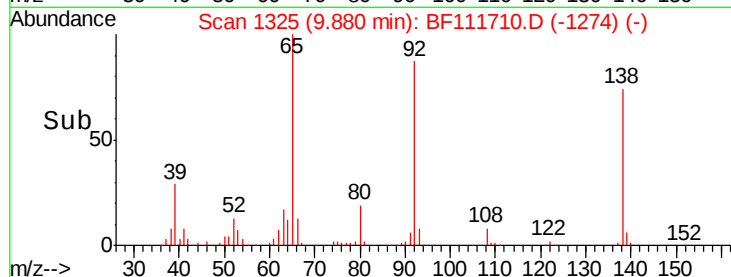
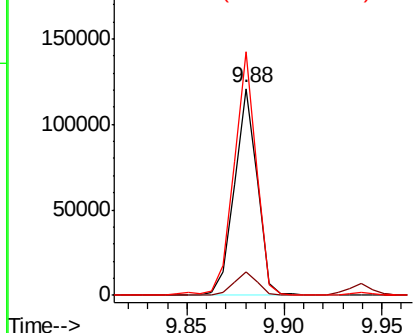
#53
3-Nitroaniline
Concen: 21.509 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF111710.D
Acq: 26 Dec 2018 12:35

Instrument :
BNA_F
ClientSampleId :
PB115960BS

Tot Ion:138 Resp: 97353
Ion Ratio Lower Upper
138 100
108 11.1 8.2 12.4
92 117.9 93.4 140.2

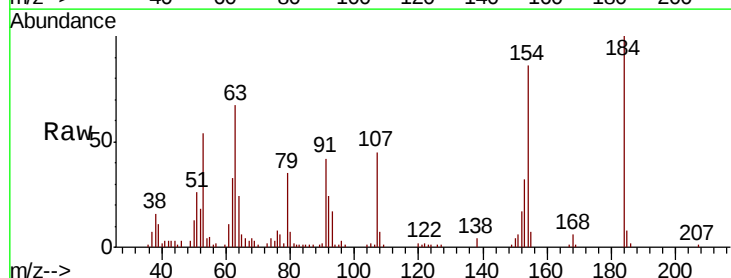


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

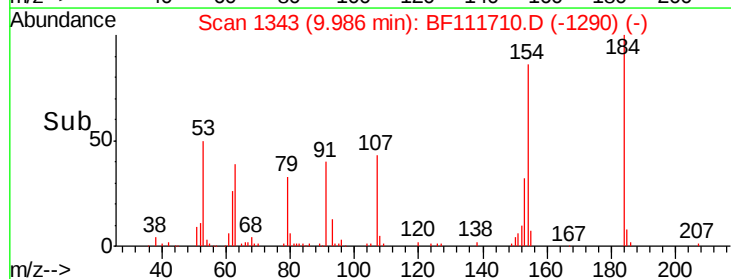
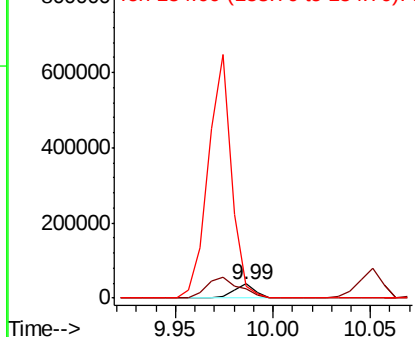


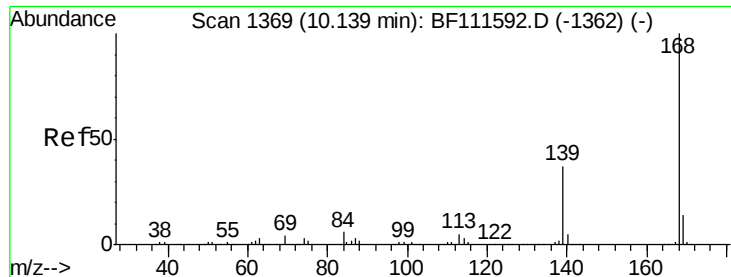
#54
2,4-Dinitrophenol
Concen: 26.535 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF111710.D
Acq: 26 Dec 2018 12:35

Tgt Ion:184 Resp: 28821
Ion Ratio Lower Upper
184 100
63 67.3 62.3 93.5
154 86.3 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

Dibenzenofuran

Concen: 30.535 ng

RT: 10.15 min Scan# 1370

Delta R.T. 0.01 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

Instrument :

BNA_F

ClientSampleId :

PB115960BS

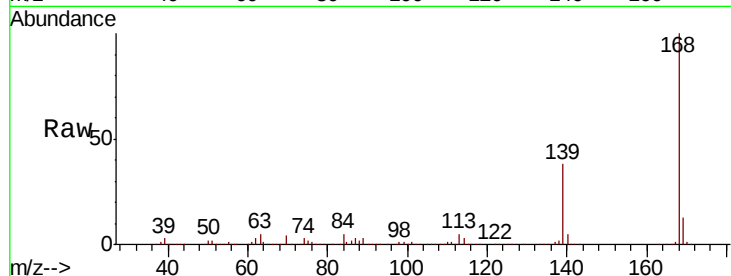
Tot Ion:168 Resp: 808660

Ion Ratio Lower Upper

168 100

139 38.3 32.6 49.0

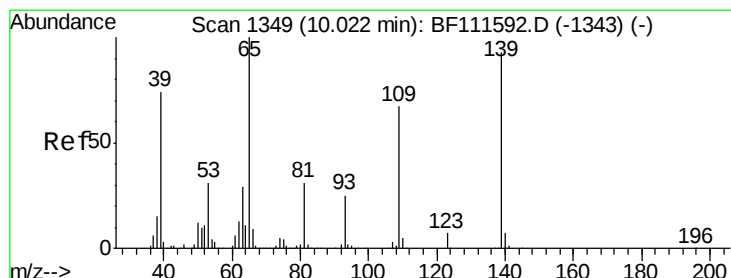
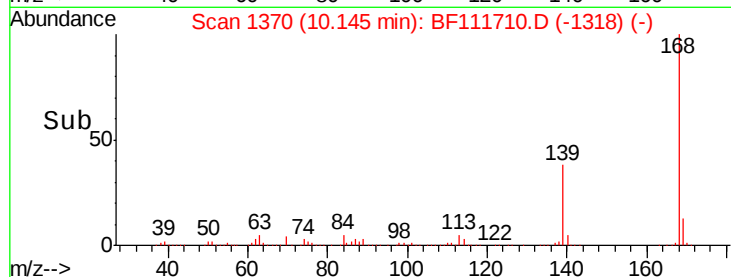
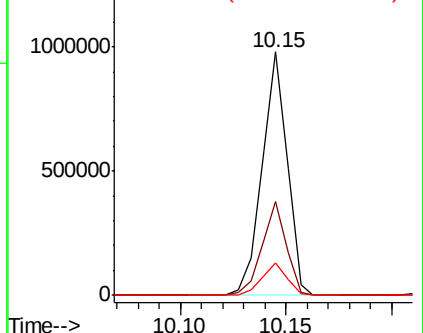
169 13.1 11.8 17.6



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: 60.983 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.03 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

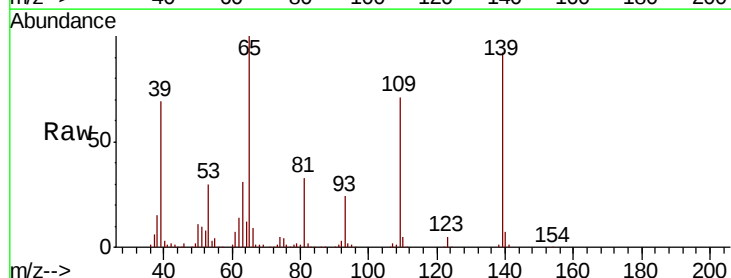
Tgt Ion:139 Resp: 210642

Ion Ratio Lower Upper

139 100

109 76.6 41.8 81.8

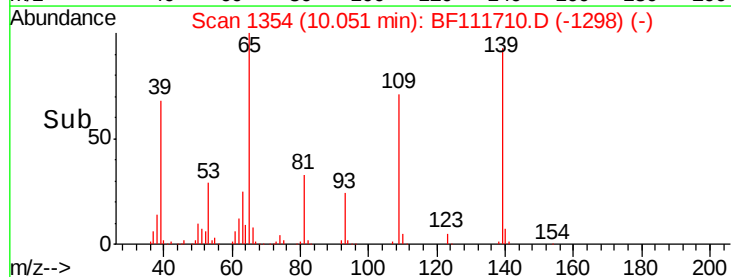
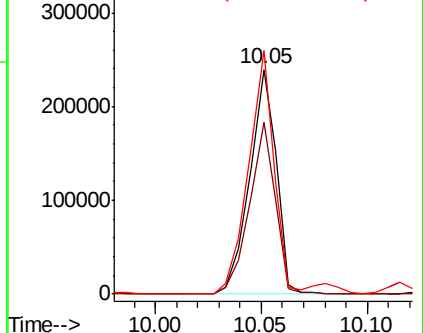
65 108.4 79.6 119.6

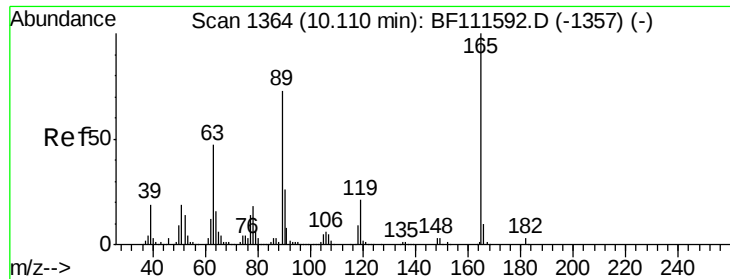


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

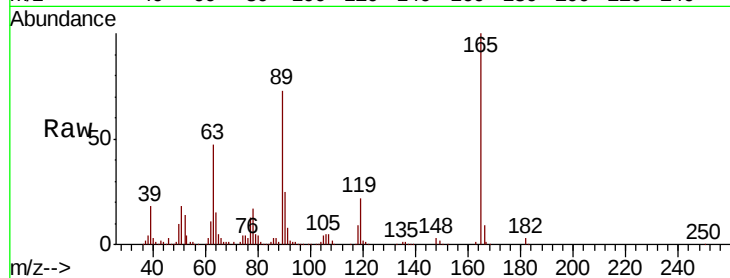




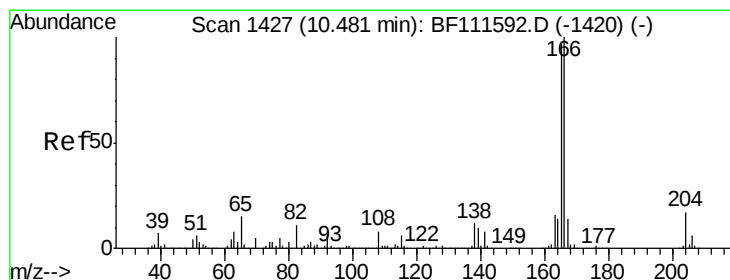
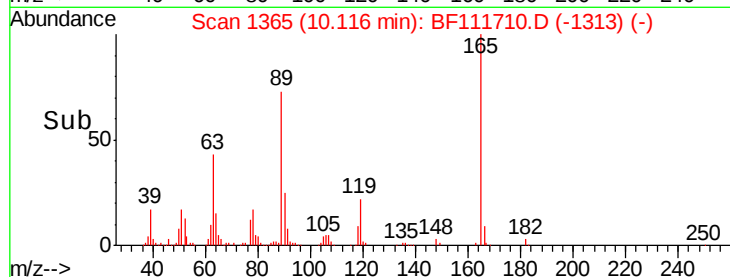
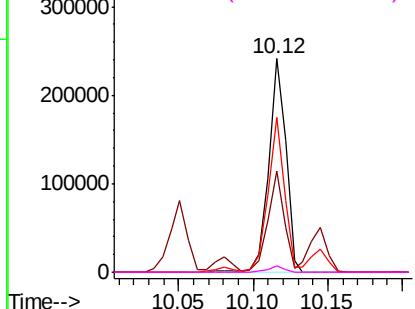
#57
2,4-Dinitrotoluene
Concen: 37.174 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF111710.D
Acq: 26 Dec 2018 12:35

Instrument :
BNA_F
ClientSampleId :
PB115960BS

Tot Ion:165 Resp: 189612
Ion Ratio Lower Upper
165 100
63 47.1 34.6 52.0
89 72.8 56.2 84.4
182 2.8 1.8 2.6#

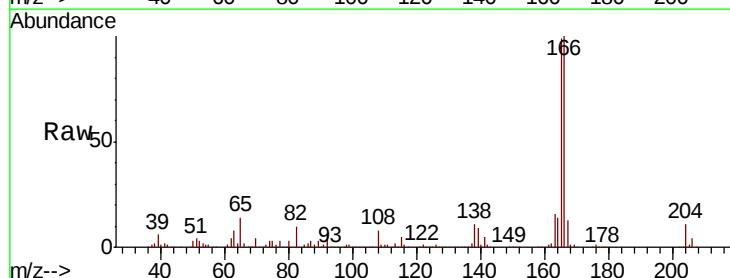


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

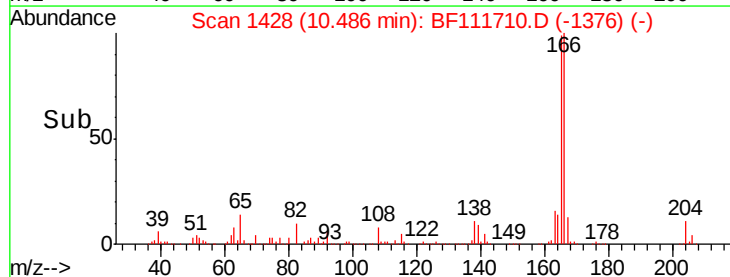
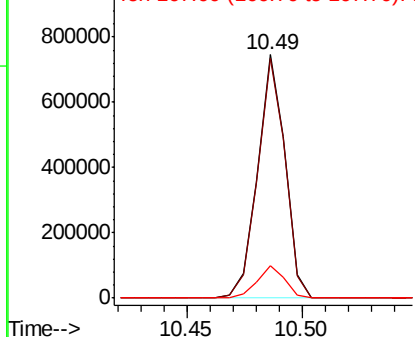


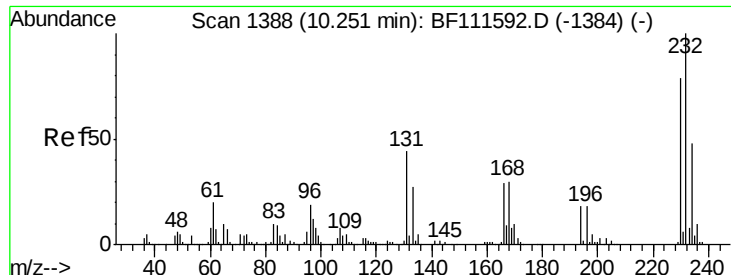
#58
Fluorene
Concen: 32.423 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF111710.D
Acq: 26 Dec 2018 12:35

Tgt Ion:166 Resp: 618734
Ion Ratio Lower Upper
166 100
165 98.7 78.4 117.6
167 13.5 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

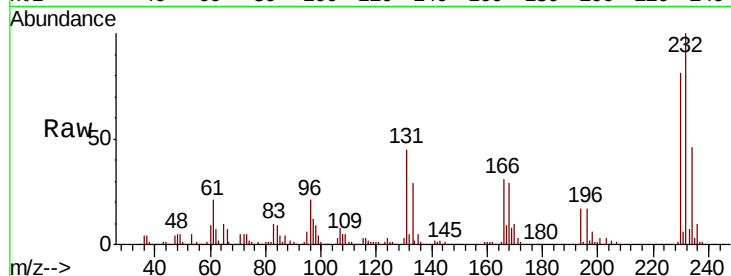




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 29.554 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: BF111710.D
 Acq: 26 Dec 2018 12:35

Instrument :
 BNA_F
 ClientSampleId :
 PB115960BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.9	40.9	61.3
130	2.3	2.0	3.0
166	29.3	26.8	40.2



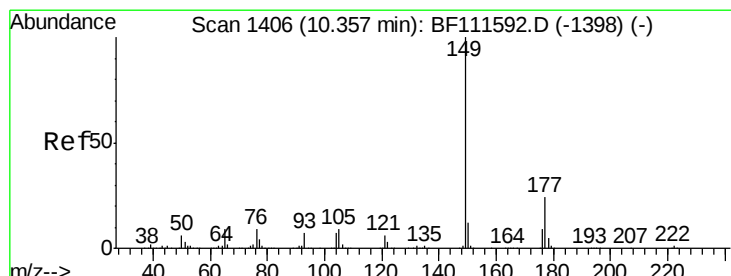
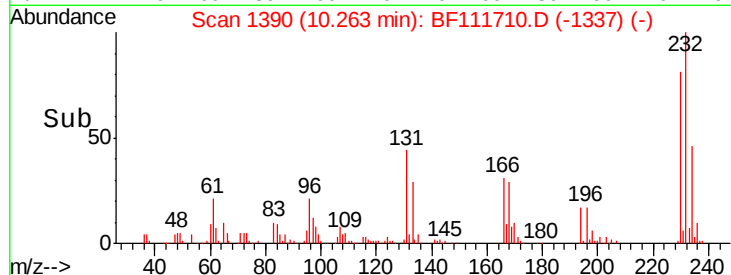
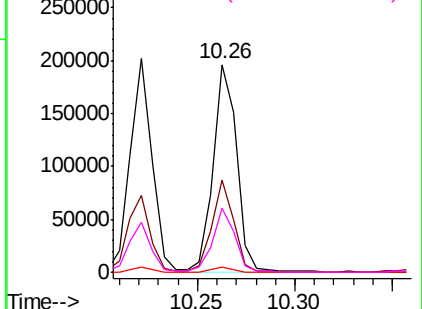
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

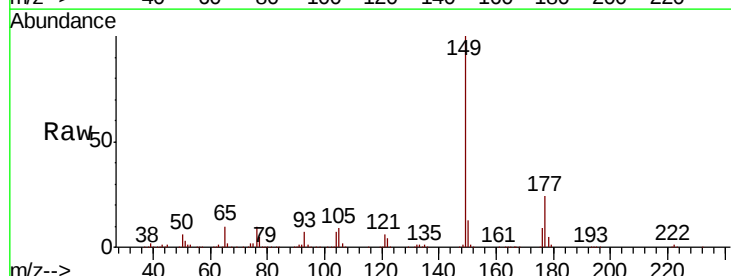
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 32.133 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.00 min
 Lab File: BF111710.D
 Acq: 26 Dec 2018 12:35

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.3	27.5
150	12.6	10.6	15.8

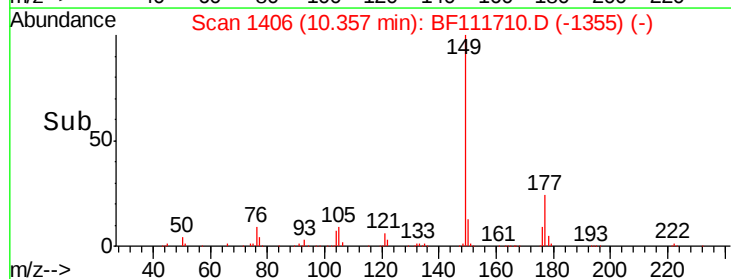
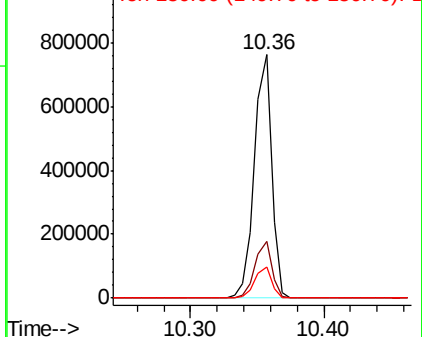


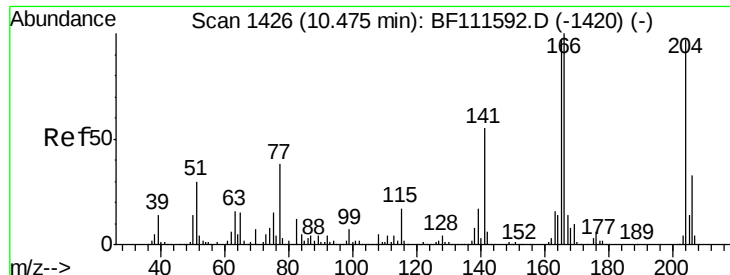
Abundance

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

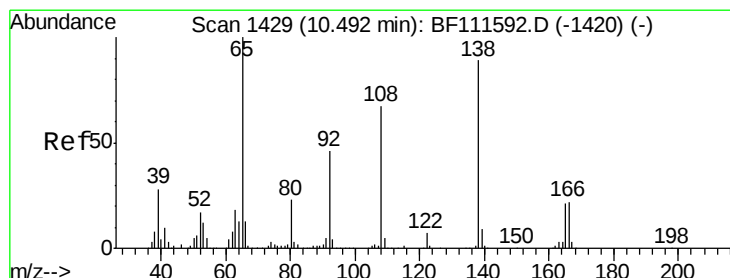
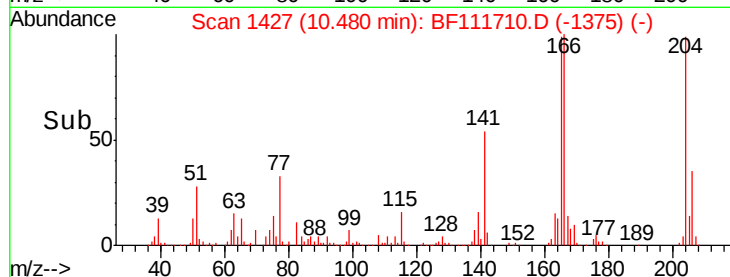
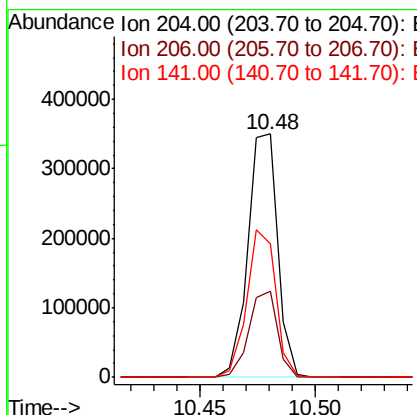
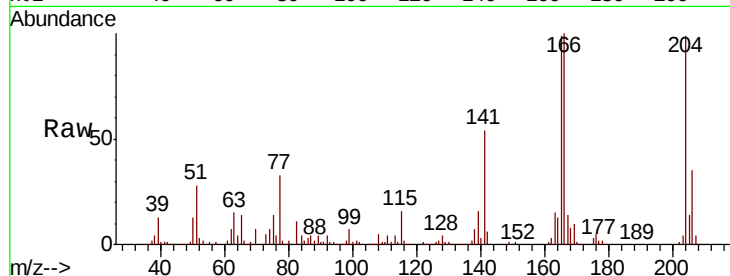




#61
 4-Chlorophenyl-phenylether
 Concen: 30.124 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF111710.D
 Acq: 26 Dec 2018 12:35

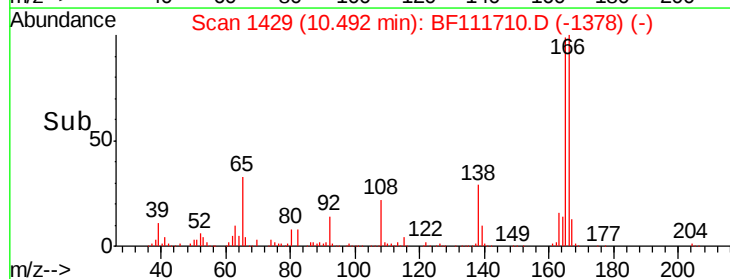
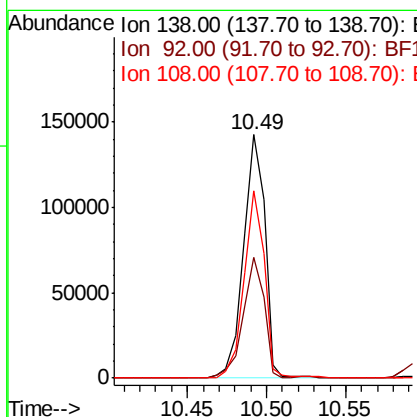
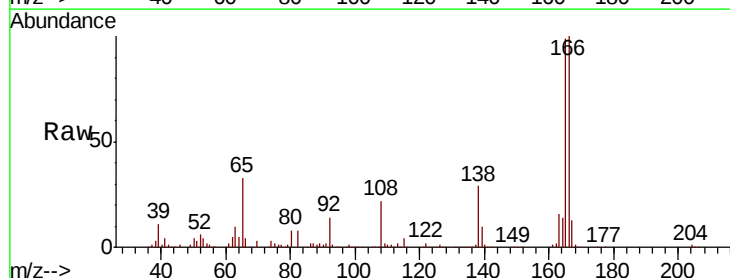
Instrument :
 BNA_F
 ClientSampleId :
 PB115960BS

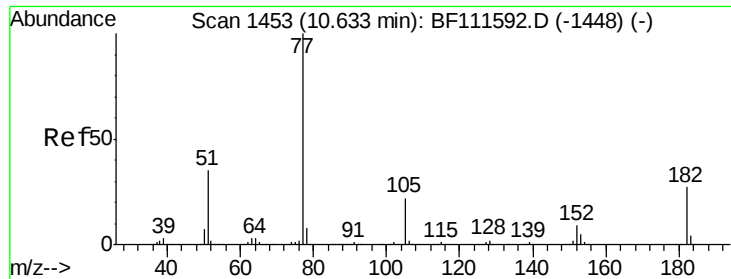
Tot Ion:204 Resp: 317602
 Ion Ratio Lower Upper
 204 100
 206 35.4 26.6 39.8
 141 54.6 52.6 78.8



#62
 4-Nitroaniline
 Concen: 30.126 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF111710.D
 Acq: 26 Dec 2018 12:35

Tgt Ion:138 Resp: 132528
 Ion Ratio Lower Upper
 138 100
 92 49.6 29.9 69.9
 108 76.8 43.2 83.2

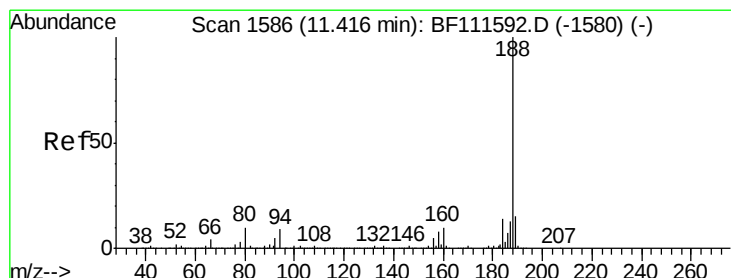
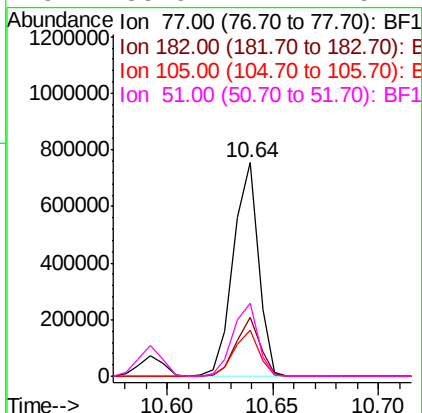
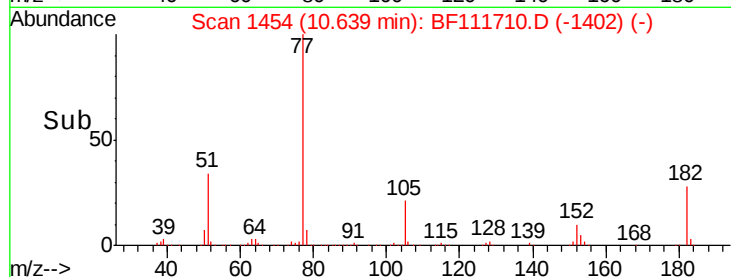
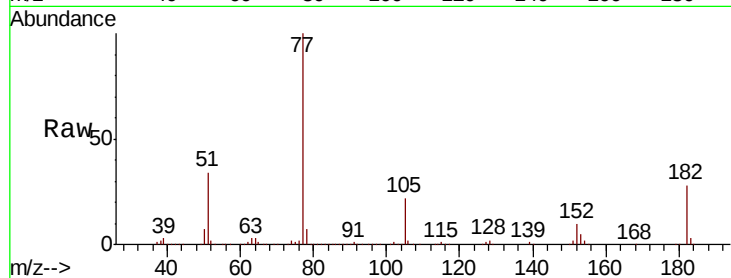




#63
Azobenzene
Concen: 29.457 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BF111710.D
Acq: 26 Dec 2018 12:35

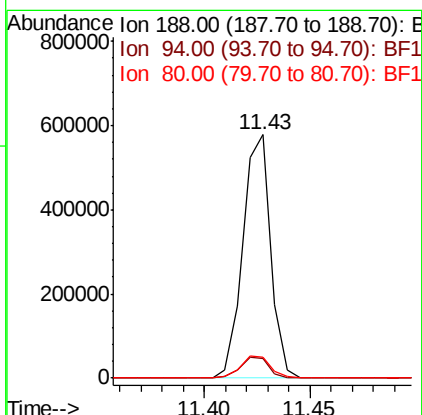
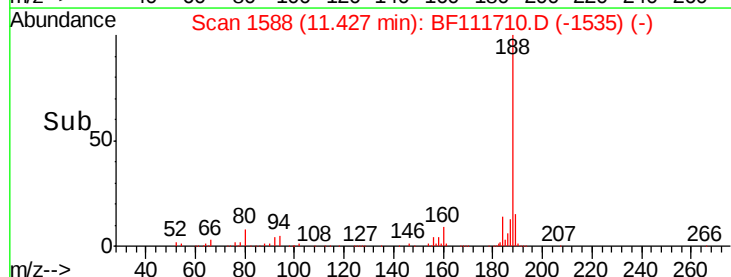
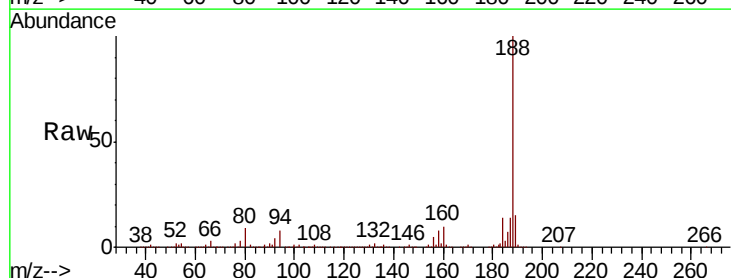
Instrument :
BNA_F
ClientSampleId :
PB115960BS

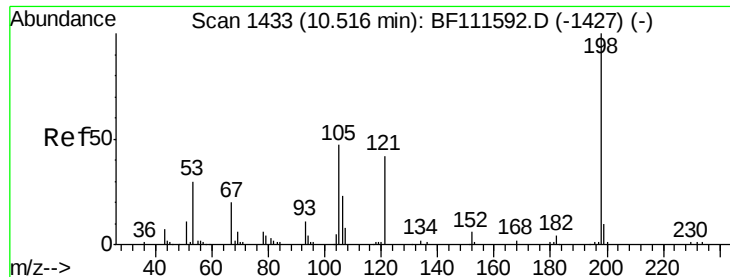
Tot Ion: 77 Resp: 617423
Ion Ratio Lower Upper
77 100
182 27.9 4.9 44.9
105 21.6 6.0 46.0
51 33.9 14.7 54.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111710.D
Acq: 26 Dec 2018 12:35

Tgt Ion: 188 Resp: 525415
Ion Ratio Lower Upper
188 100
94 8.1 9.6 14.4#
80 8.7 9.8 14.6#





#65

4,6-Dinitro-2-methylphenol

Concen: 18.454 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

Instrument :

BNA_F

ClientSampleId :

PB115960BS

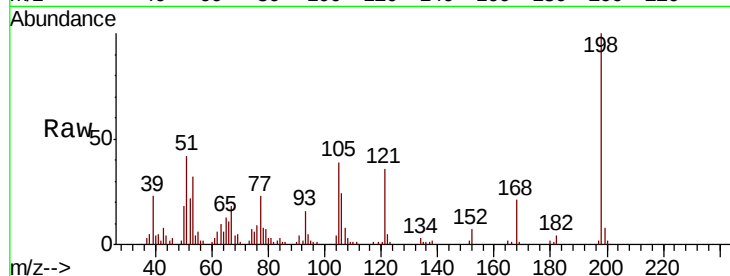
Tot Ion:198 Resp: 29677

Ion Ratio Lower Upper

198 100

51 42.2 48.0 88.0#

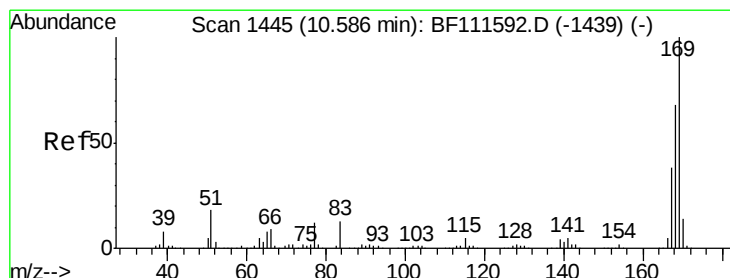
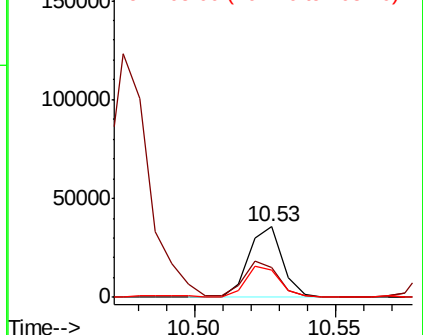
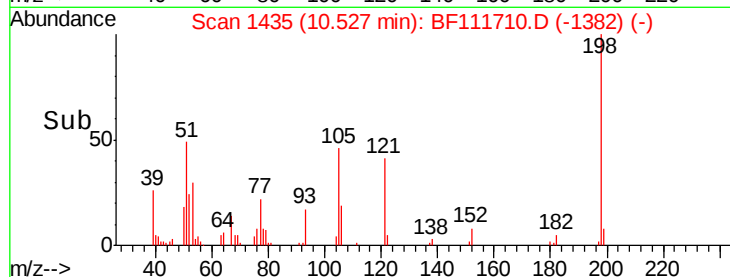
105 39.2 34.0 74.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 31.196 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

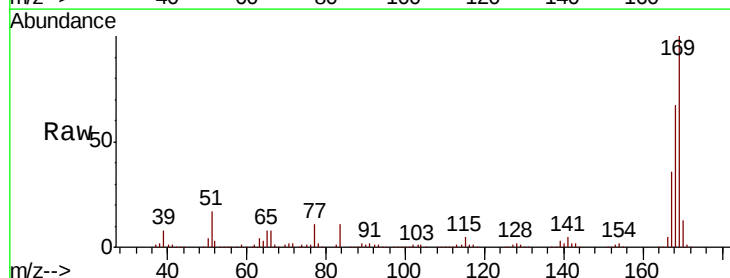
Tgt Ion:169 Resp: 550203

Ion Ratio Lower Upper

169 100

168 67.4 54.4 81.6

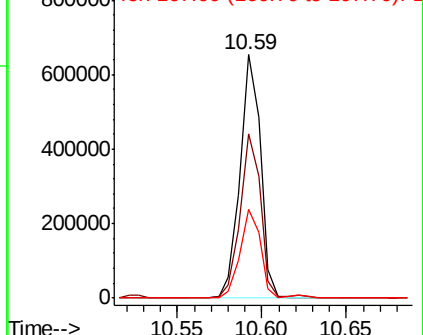
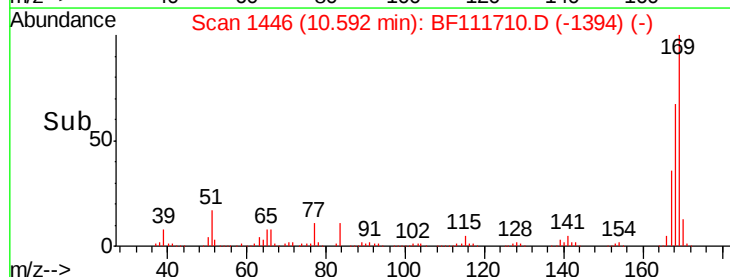
167 36.3 30.5 45.7

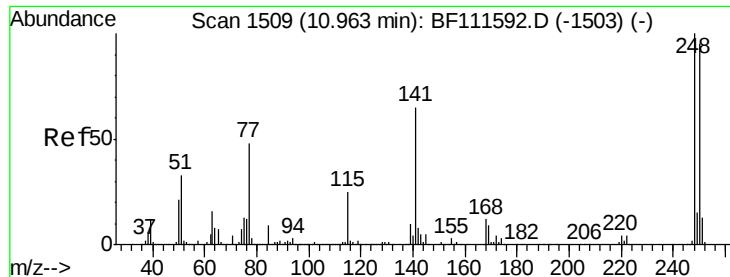


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

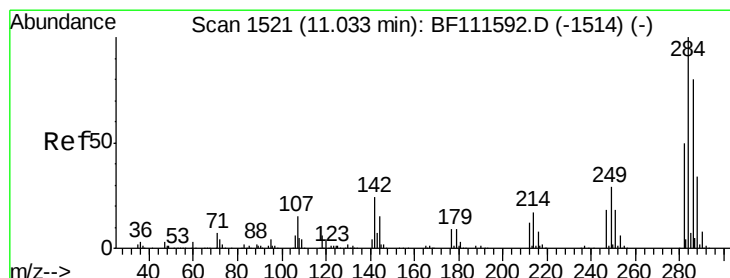
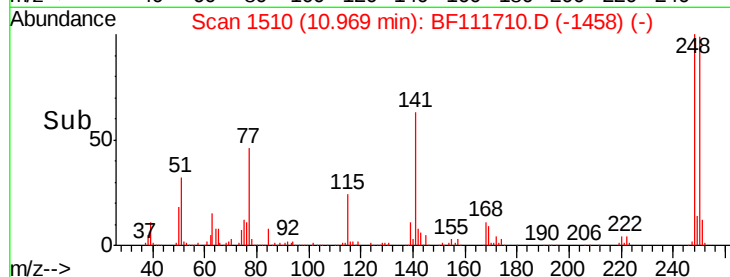
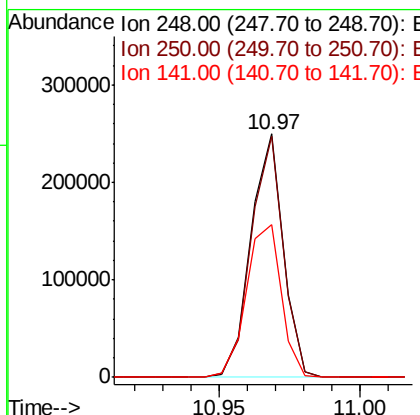
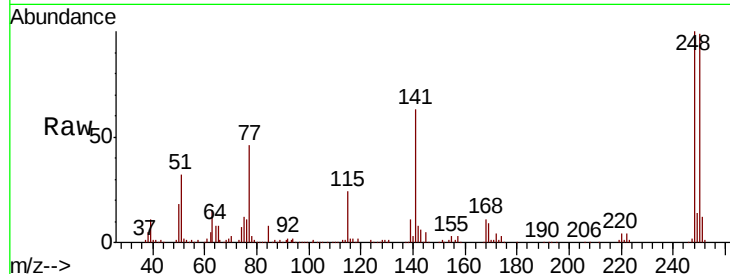




#67
 4-Bromophenyl-phenylether
 Concen: 30.613 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: BF111710.D
 Acq: 26 Dec 2018 12:35

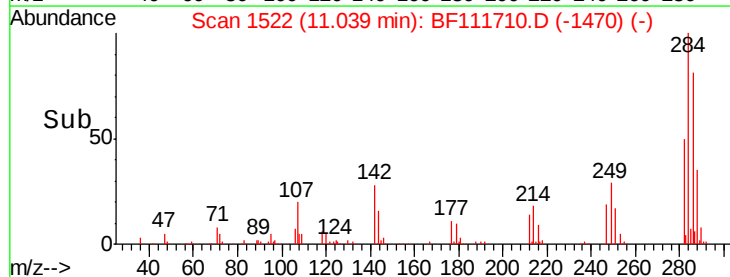
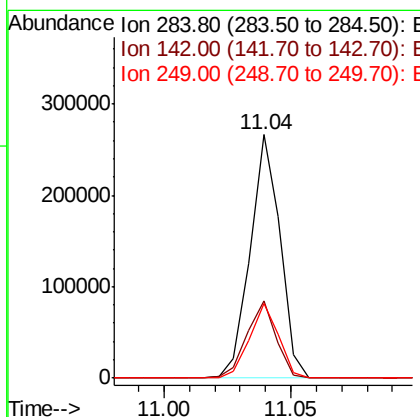
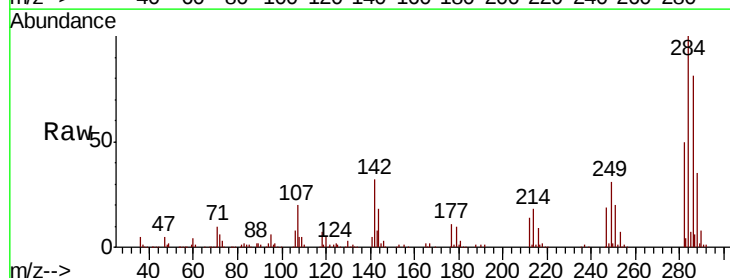
Instrument :
 BNA_F
 ClientSampleId :
 PB115960BS

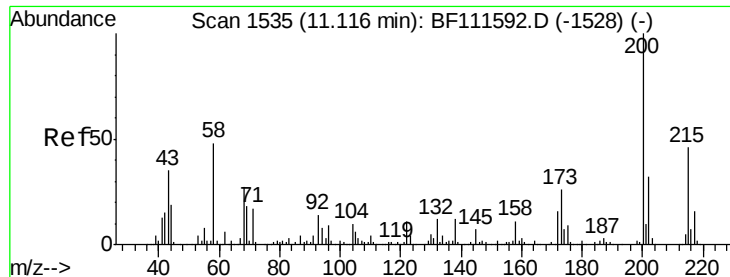
Tot Ion:248 Resp: 199501
 Ion Ratio Lower Upper
 248 100
 250 99.0 77.0 115.4
 141 62.6 63.0 94.6#



#68
 Hexachlorobenzene
 Concen: 30.062 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.01 min
 Lab File: BF111710.D
 Acq: 26 Dec 2018 12:35

Tgt Ion:284 Resp: 218437
 Ion Ratio Lower Upper
 284 100
 142 31.9 27.4 41.2
 249 30.8 24.4 36.6





#69

Atrazine

Concen: 30.957 ng

RT: 11.12 min Scan# 1536

Delta R.T. 0.01 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

Instrument :

BNA_F

ClientSampleId :

PB115960BS

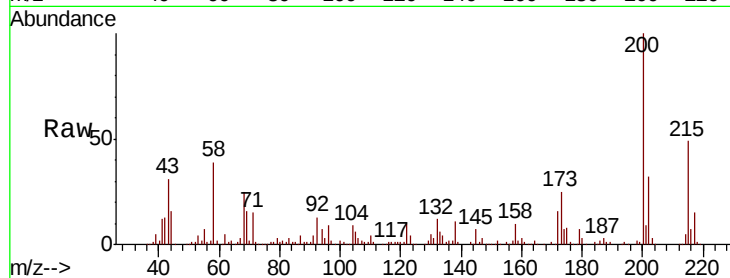
Tot Ion:200 Resp: 189681

Ion Ratio Lower Upper

200 100

173 25.0 10.1 50.1

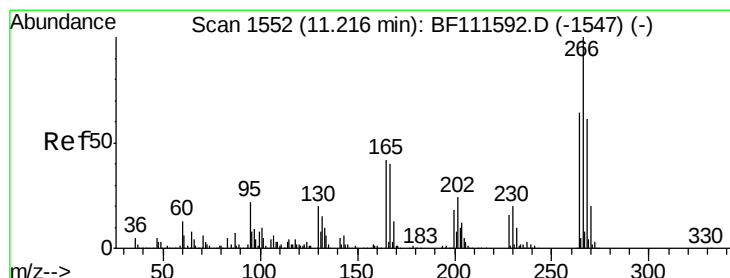
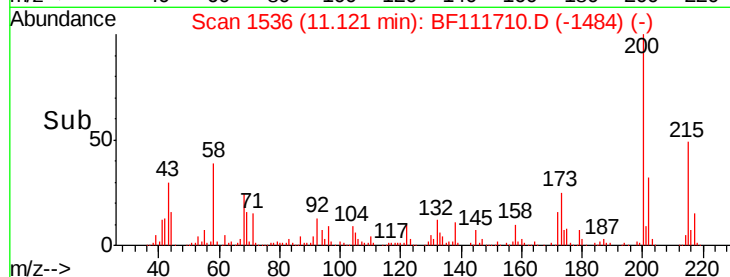
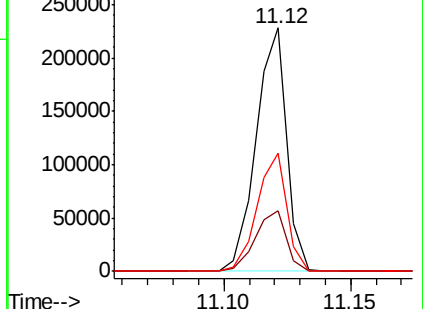
215 48.7 26.9 66.9



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: 46.079 ng

RT: 11.23 min Scan# 1555

Delta R.T. 0.02 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

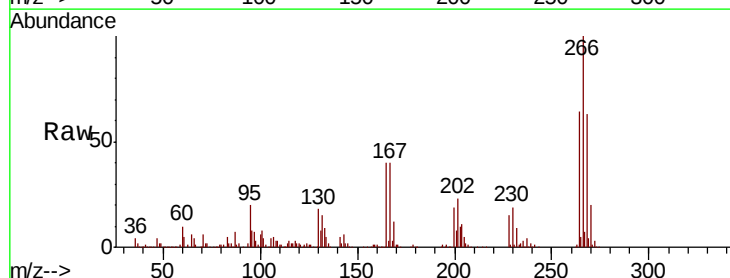
Tgt Ion:266 Resp: 206989

Ion Ratio Lower Upper

266 100

268 62.6 47.9 71.9

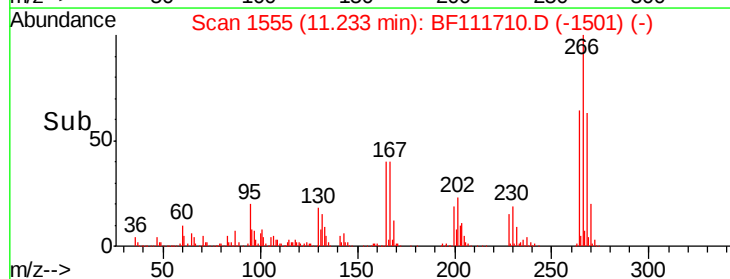
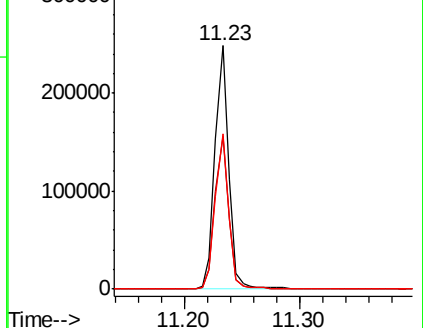
264 63.8 49.1 73.7

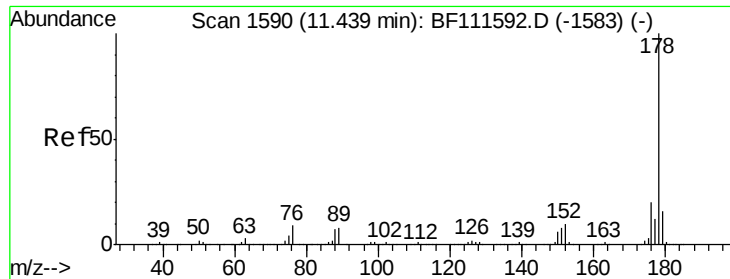


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

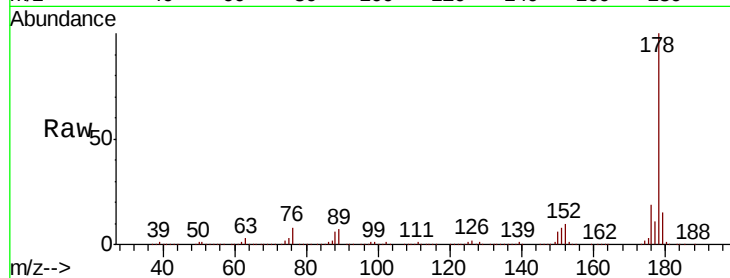




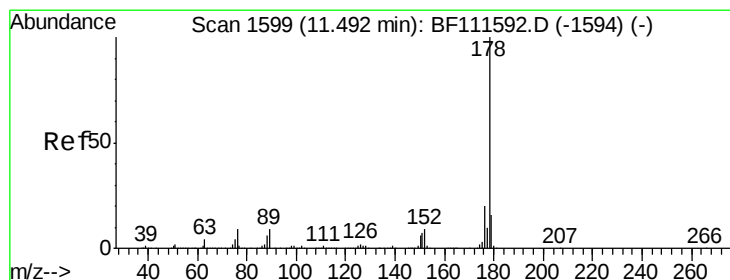
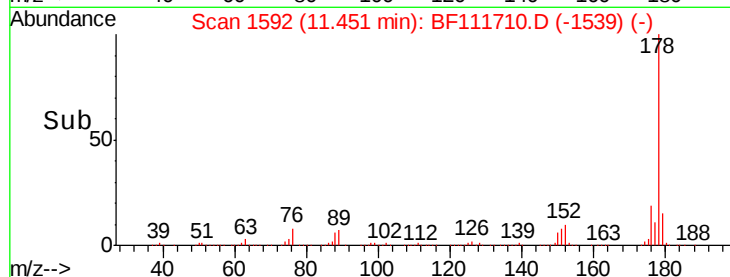
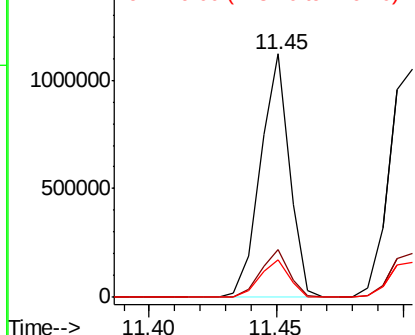
#71
Phenanthrene
Concen: 32.155 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.01 min
Lab File: BF111710.D
Acq: 26 Dec 2018 12:35

Instrument :
BNA_F
ClientSampleId :
PB115960BS

Tot Ion:178 Resp: 895988
Ion Ratio Lower Upper
178 100
176 19.4 18.1 27.1
179 15.5 14.0 21.0

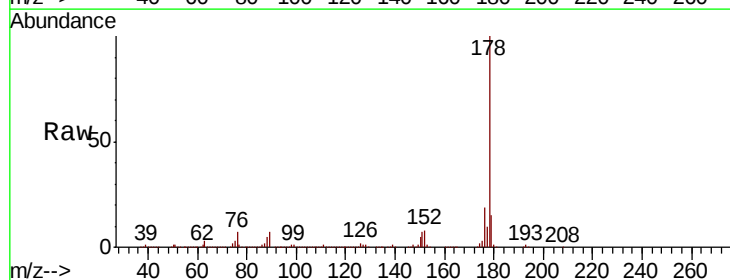


Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

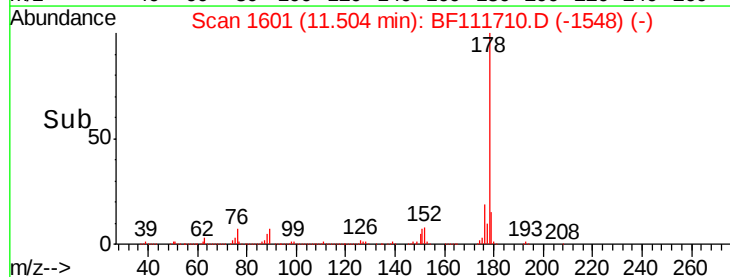
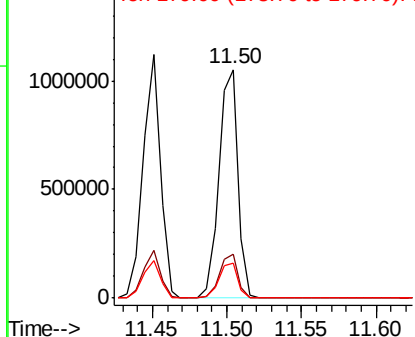


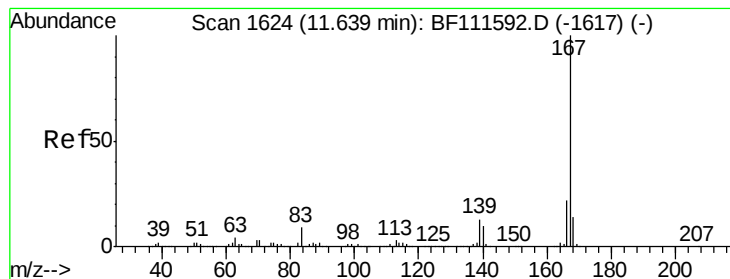
#72
Anthracene
Concen: 33.715 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF111710.D
Acq: 26 Dec 2018 12:35

Tgt Ion:178 Resp: 942970
Ion Ratio Lower Upper
178 100
176 19.3 17.2 25.8
179 15.3 13.8 20.8



Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 29.519 ng

RT: 11.65 min Scan# 1626

Delta R.T. 0.01 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

Instrument :

BNA_F

ClientSampleId :

PB115960BS

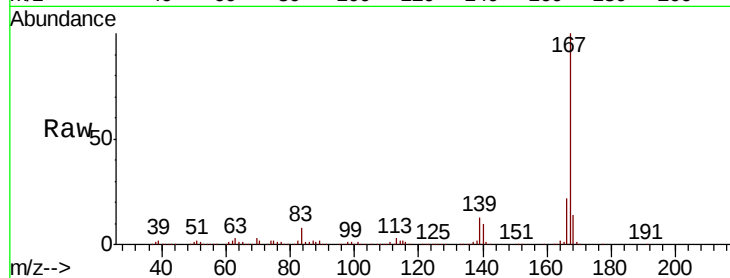
Tot Ion:167 Resp: 801553

Ion Ratio Lower Upper

167 100

166 21.6 19.3 28.9

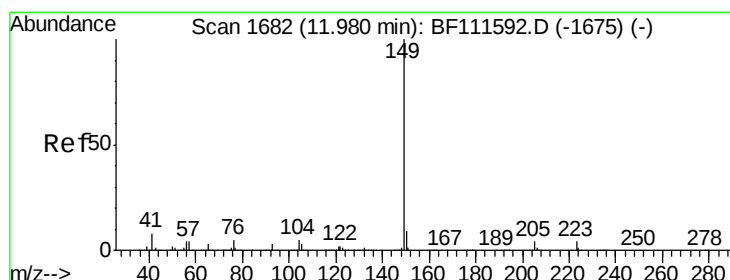
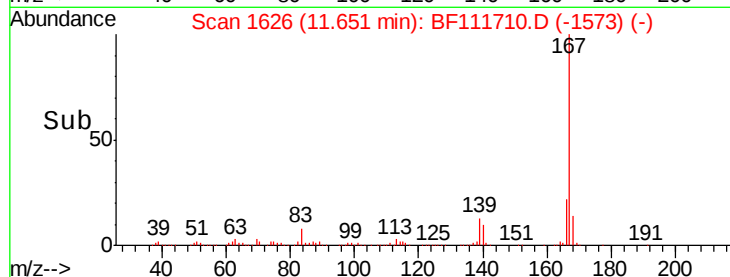
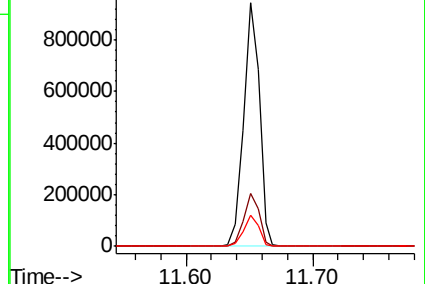
139 12.8 11.9 17.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 33.850 ng

RT: 11.98 min Scan# 1682

Delta R.T. -0.00 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

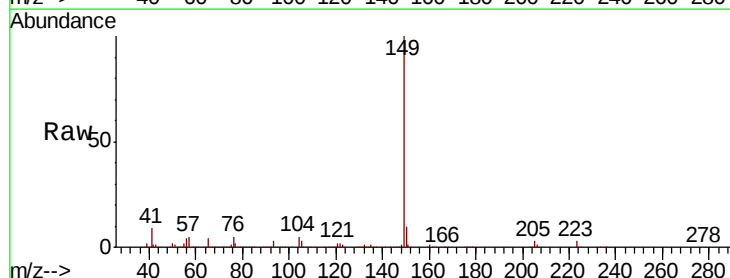
Tgt Ion:149 Resp: 1030573

Ion Ratio Lower Upper

149 100

150 9.5 8.8 13.2

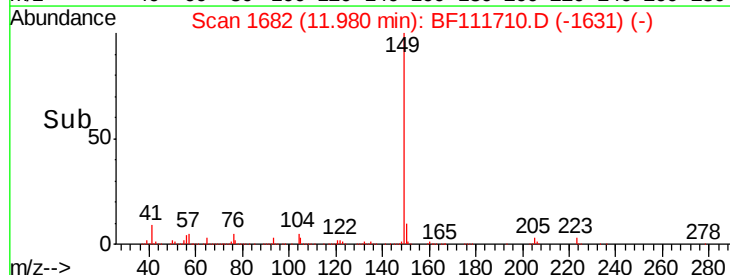
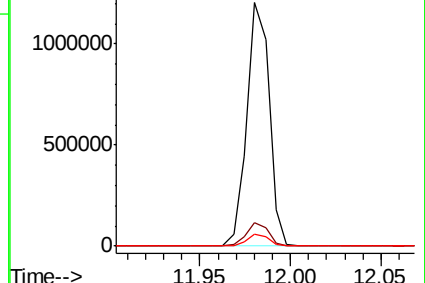
104 5.1 4.5 6.7

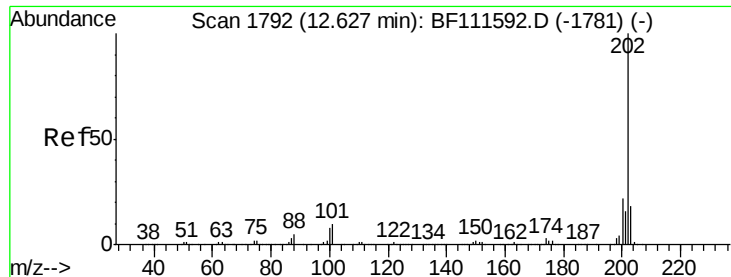


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 33.346 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

Instrument :

BNA_F

ClientSampleId :

PB115960BS

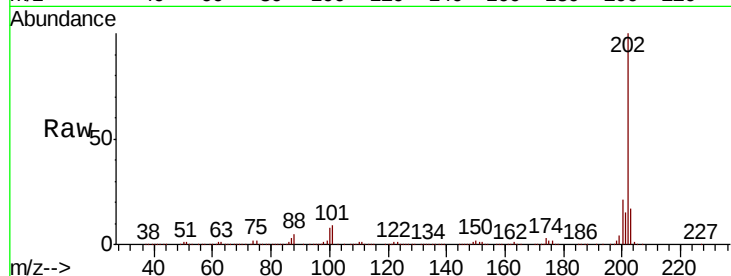
Tot Ion:202 Resp: 940914

Ion Ratio Lower Upper

202 100

101 9.3 0.0 33.8

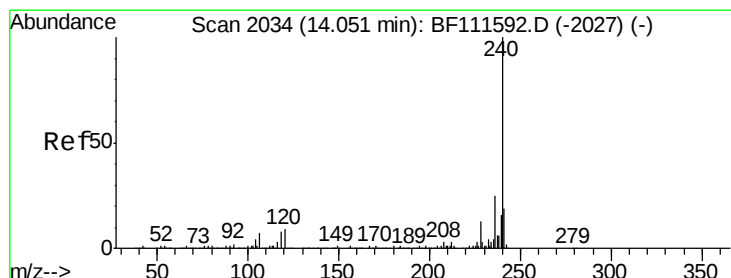
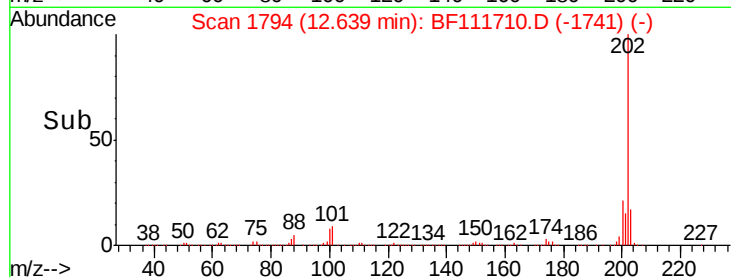
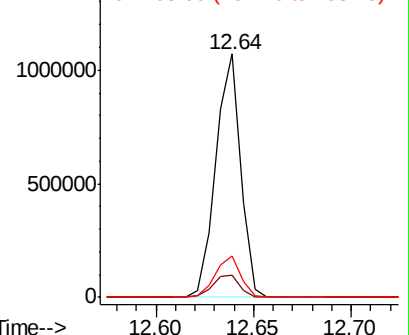
203 17.2 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

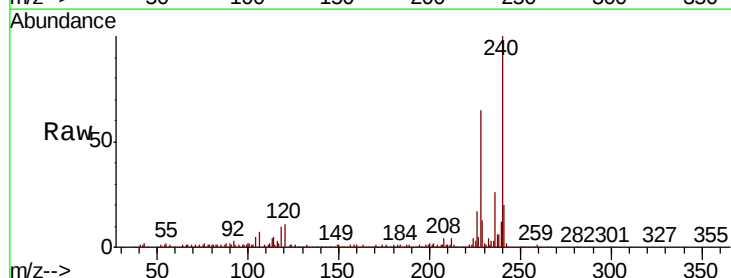
Tgt Ion:240 Resp: 474423

Ion Ratio Lower Upper

240 100

120 10.9 12.2 18.2#

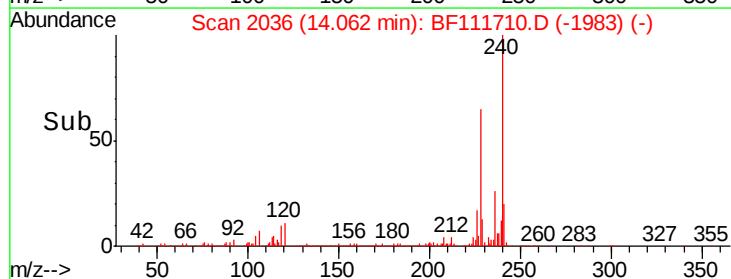
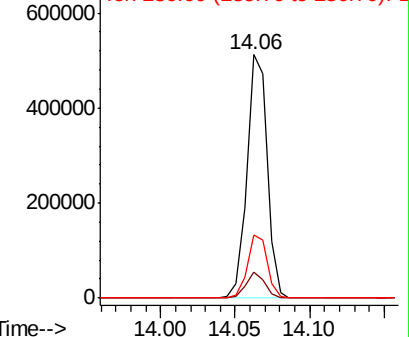
236 26.2 20.2 30.2

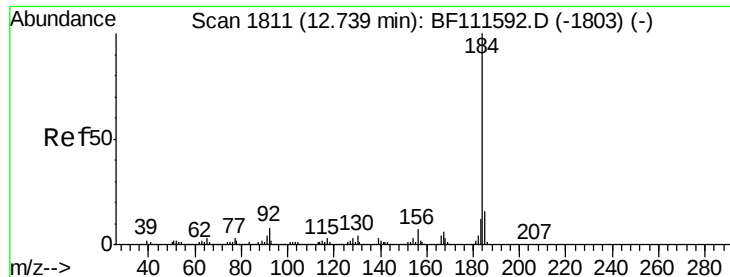


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 21.308 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

Instrument :

BNA_F

ClientSampleId :

PB115960BS

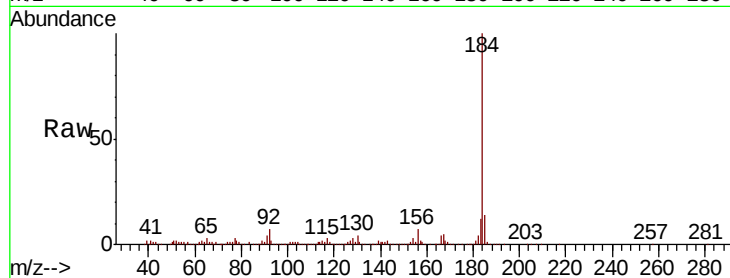
Tot Ion:184 Resp: 380396

Ion Ratio Lower Upper

184 100

185 14.3 13.0 19.6

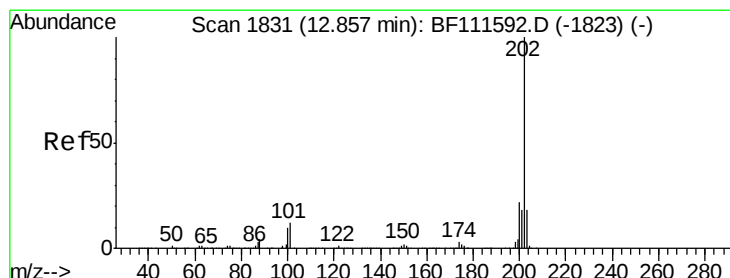
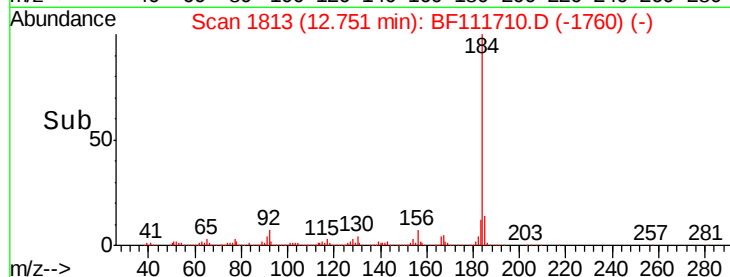
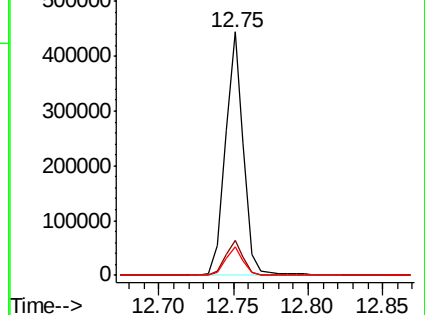
183 11.9 9.3 13.9



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: 28.152 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.01 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

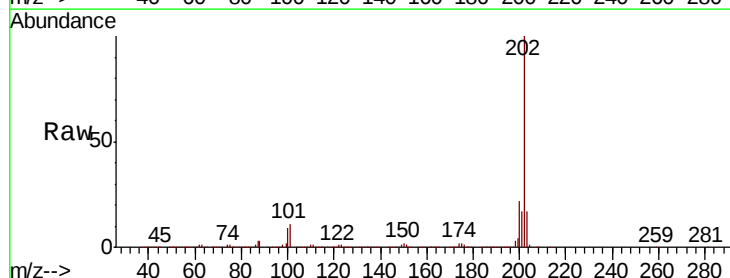
Tgt Ion:202 Resp: 943170

Ion Ratio Lower Upper

202 100

200 21.6 19.0 28.4

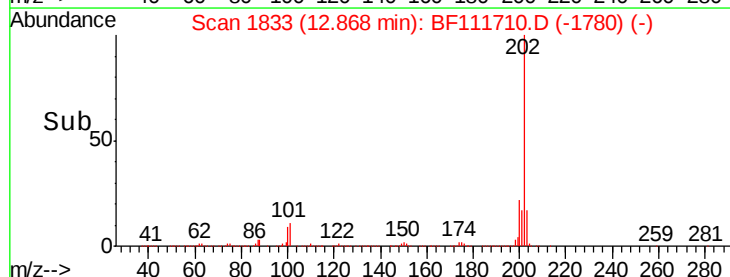
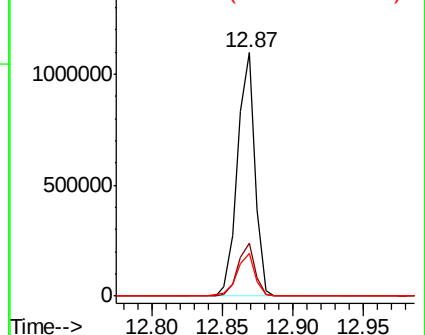
203 17.5 15.2 22.8

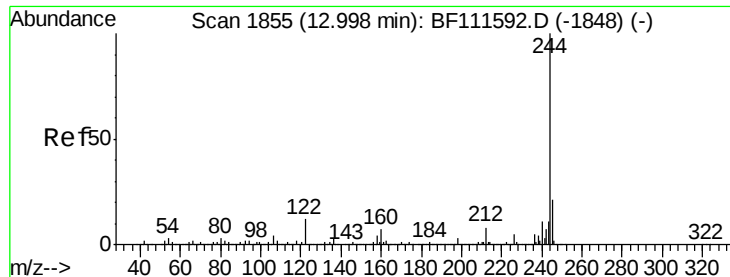


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 58.040 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

Instrument :

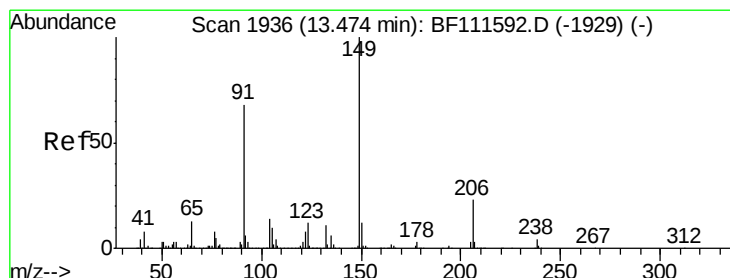
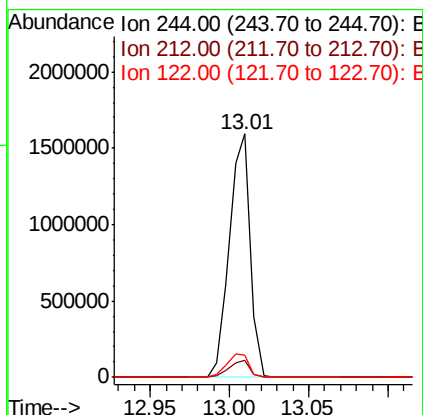
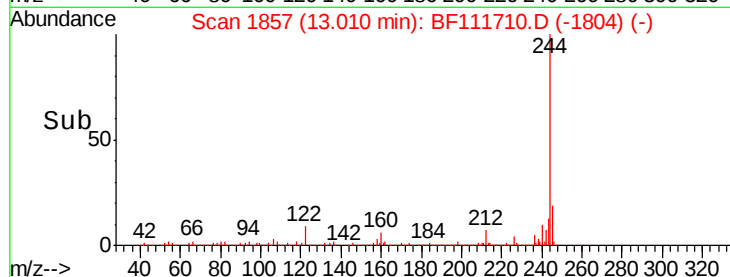
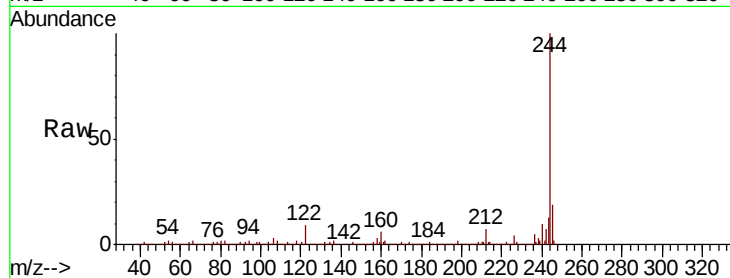
BNA_F

ClientSampleId :

PB115960BS

Tot Ion:244 Resp: 1451967

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	9.0	13.1	19.7



#80

Butylbenzylphthalate

Concen: 31.344 ng

RT: 13.48 min Scan# 1937

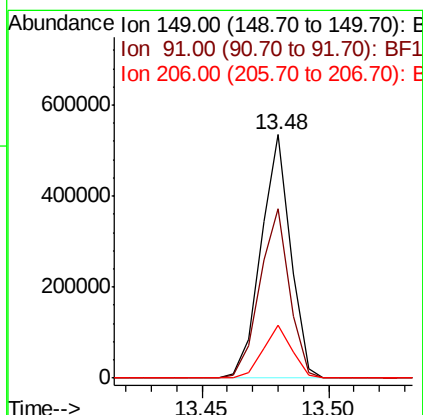
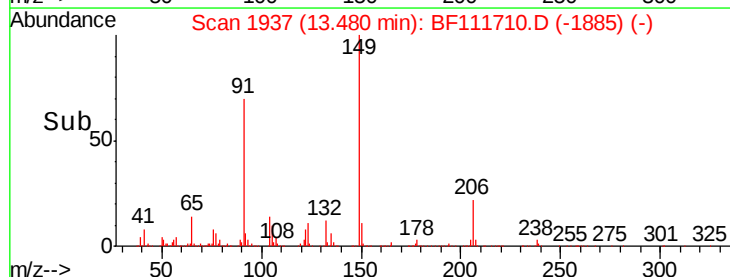
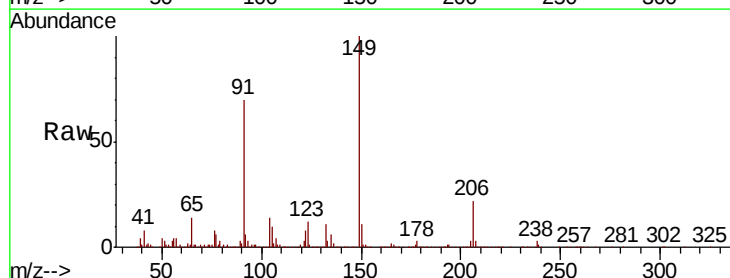
Delta R.T. 0.01 min

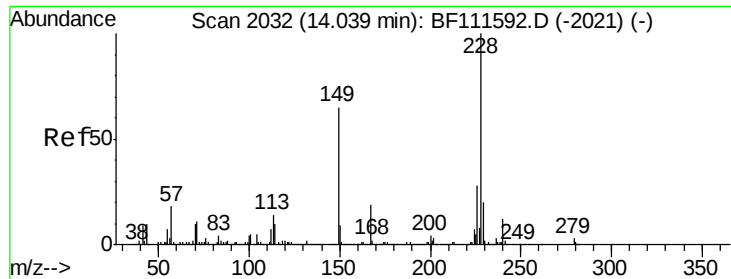
Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

Tgt Ion:149 Resp: 428053

Ion	Ratio	Lower	Upper
149	100		
91	69.7	63.8	95.6
206	21.7	15.1	22.7

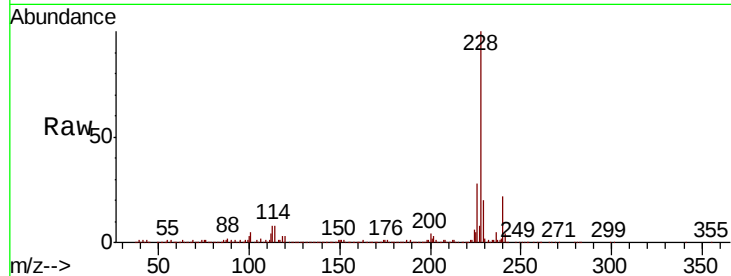




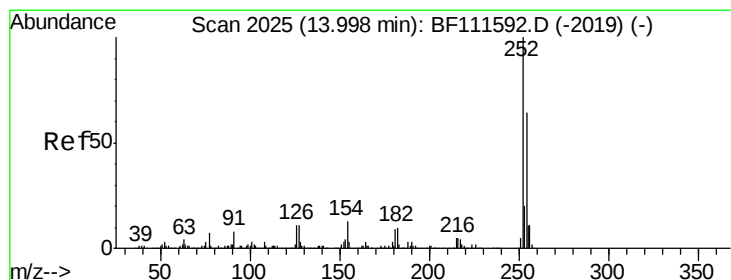
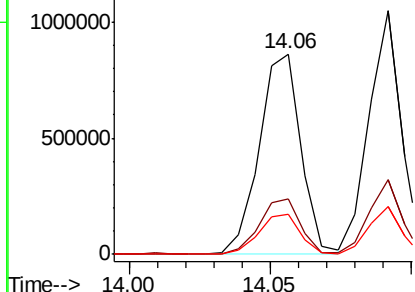
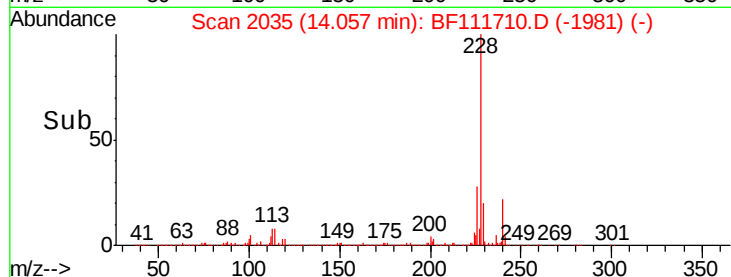
#81
Benzo(a)anthracene
Concen: 32.535 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.02 min
Lab File: BF111710.D
Acq: 26 Dec 2018 12:35

Instrument :
BNA_F
ClientSampleId :
PB115960BS

Tot Ion:228 Resp: 880902
Ion Ratio Lower Upper
228 100
226 27.7 22.6 34.0
229 20.0 16.3 24.5

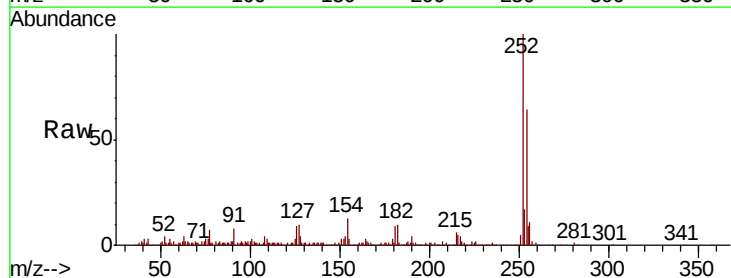


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

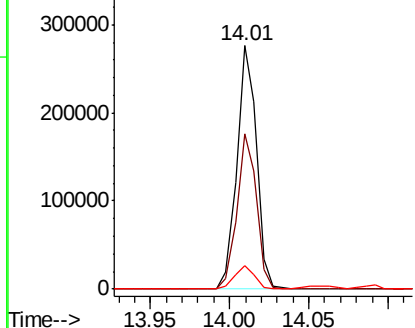
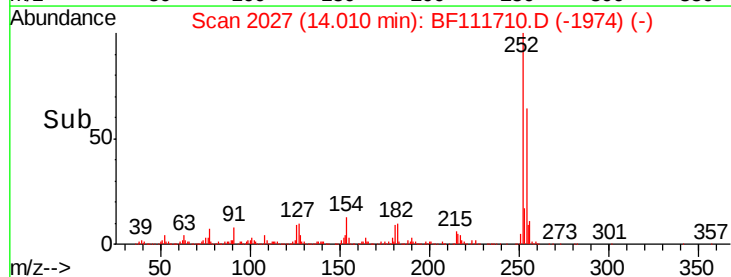


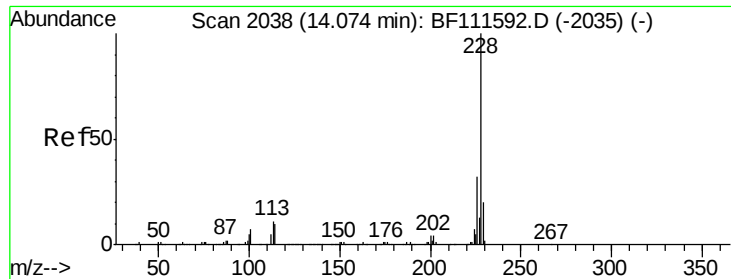
#82
3,3'-Dichlorobenzidine
Concen: 22.200 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF111710.D
Acq: 26 Dec 2018 12:35

Tgt Ion:252 Resp: 237486
Ion Ratio Lower Upper
252 100
254 63.9 52.7 79.1
126 9.4 11.1 16.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 31.077 ng

RT: 14.09 min Scan# 2041

Delta R.T. 0.02 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

Instrument :

BNA_F

ClientSampleId :

PB115960BS

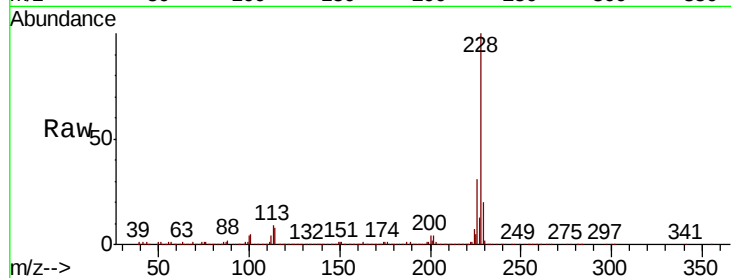
Tot Ion:228 Resp: 826992

Ion Ratio Lower Upper

228 100

226 30.7 25.3 37.9

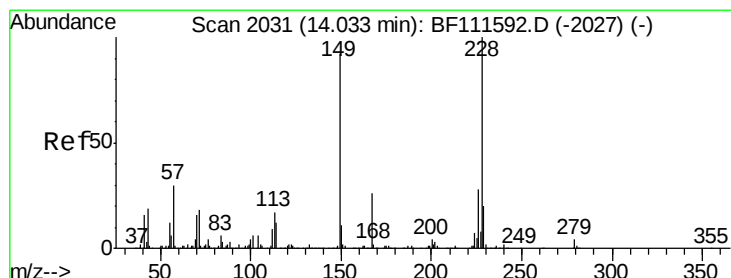
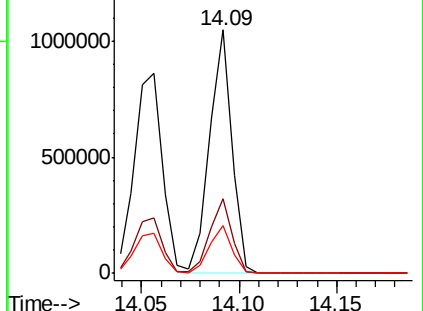
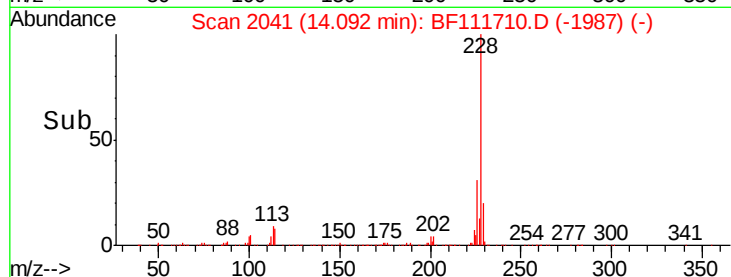
229 19.8 17.2 25.8



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: 34.771 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

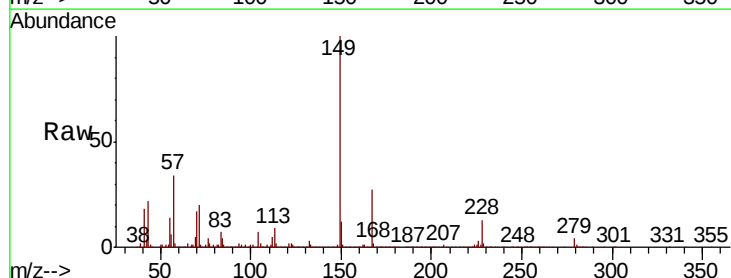
Tgt Ion:149 Resp: 598124

Ion Ratio Lower Upper

149 100

167 27.5 22.5 33.7

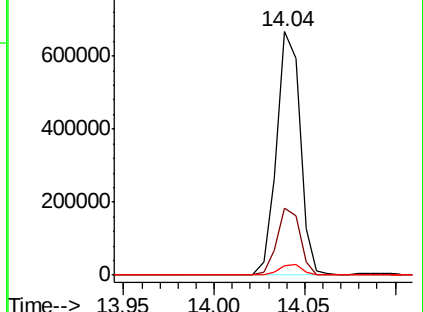
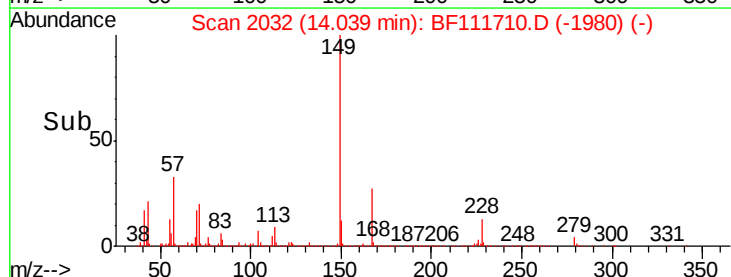
279 3.9 2.6 4.0

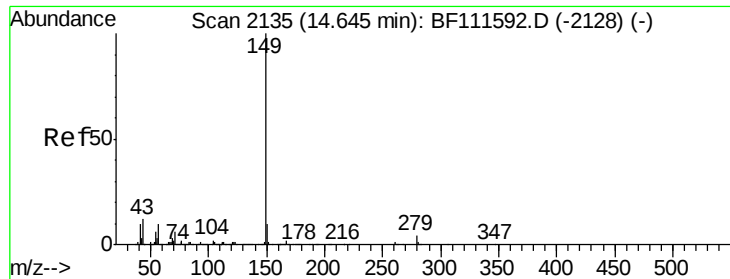


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.879 ng

RT: 14.66 min Scan# 2137

Delta R.T. 0.01 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

Instrument :

BNA_F

ClientSampleId :

PB115960BS

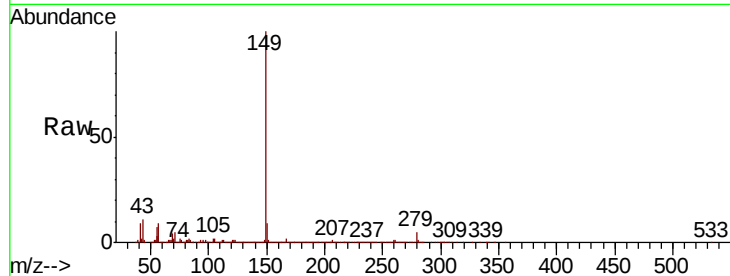
Tot Ion:149 Resp: 1009535

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

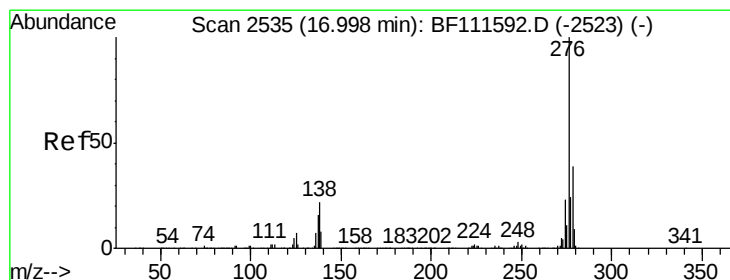
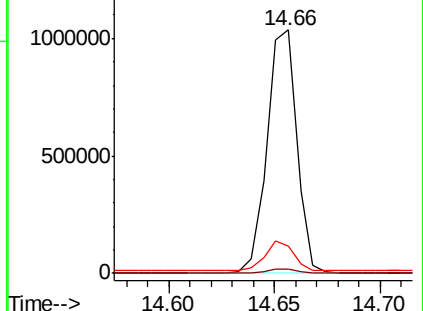
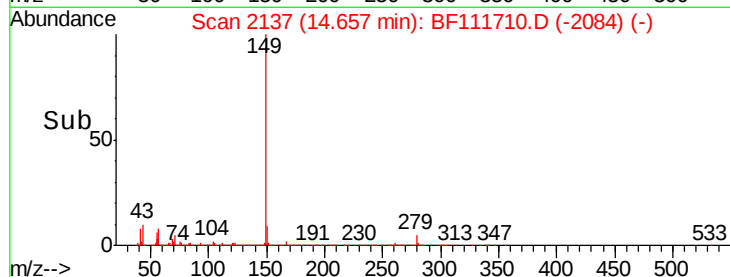
43 11.8 10.9 16.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 33.471 ng

RT: 17.04 min Scan# 2543

Delta R.T. 0.05 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

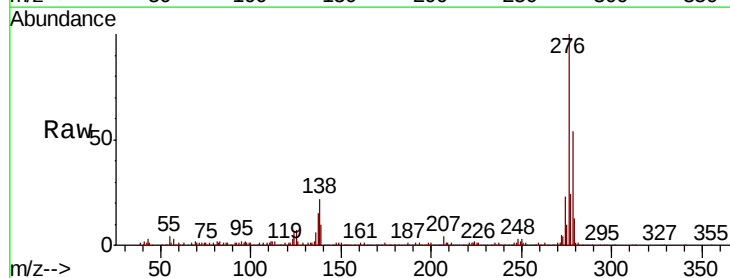
Tgt Ion:276 Resp: 757172

Ion Ratio Lower Upper

276 100

138 22.3 27.8 41.6#

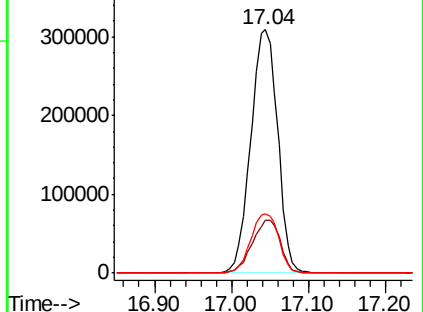
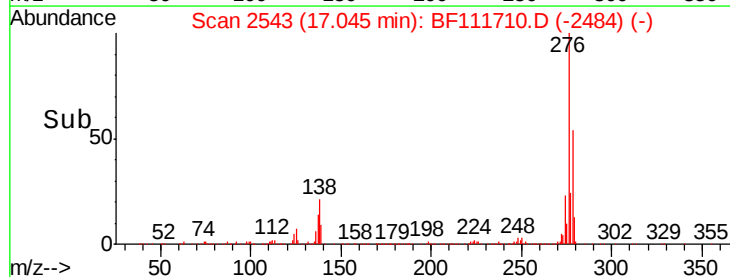
277 25.6 20.1 30.1

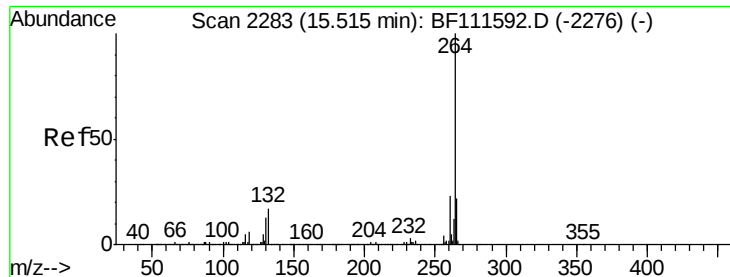


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

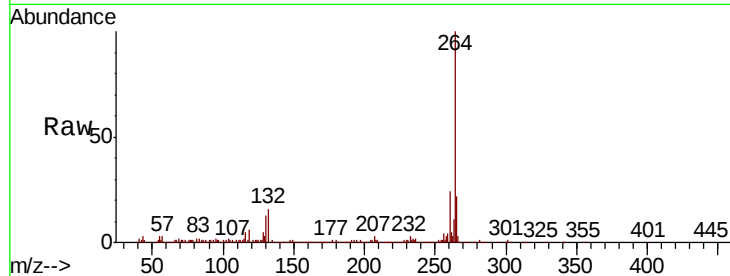




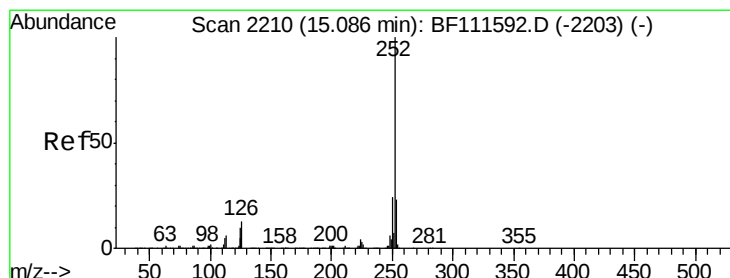
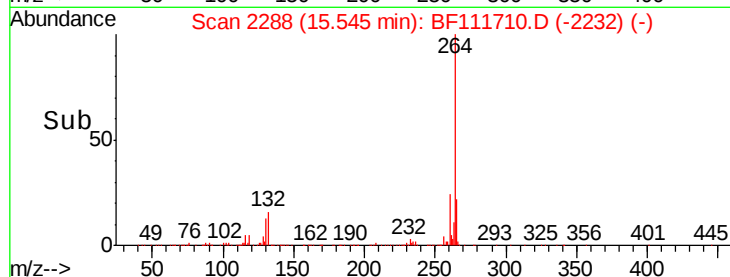
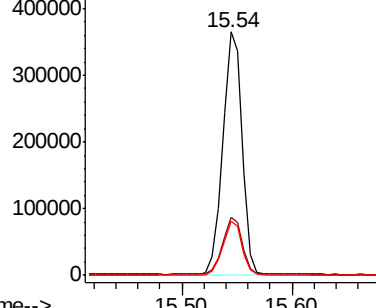
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.03 min
Lab File: BF111710.D
Acq: 26 Dec 2018 12:35

Instrument :
BNA_F
ClientSampleId :
PB115960BS

Tot Ion:264 Resp: 451178
Ion Ratio Lower Upper
264 100
260 24.0 18.3 27.5
265 22.3 17.7 26.5

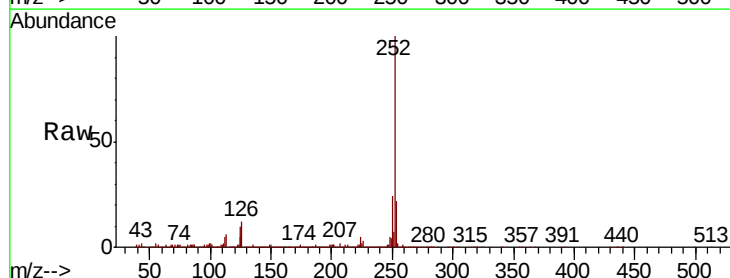


Abundance Ion 264.00 (263.70 to 264.70): E
500000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

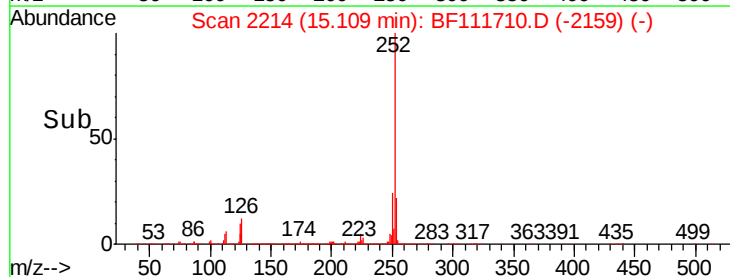
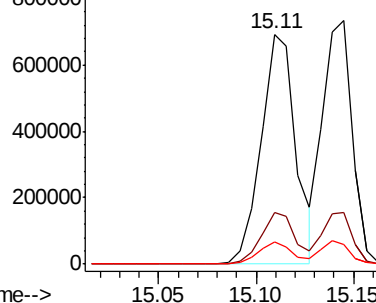


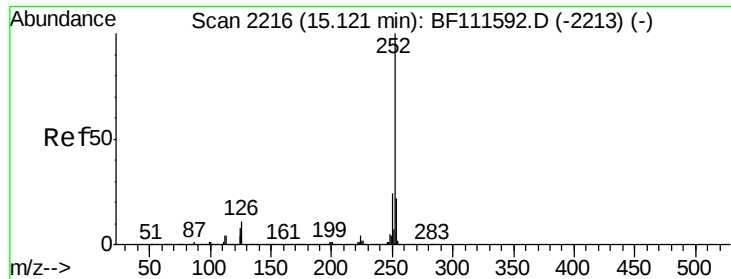
#88
Benzo(b)fluoranthene
Concen: 32.417 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.02 min
Lab File: BF111710.D
Acq: 26 Dec 2018 12:35

Tgt Ion:252 Resp: 854804
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 9.9 10.4 15.6#



Abundance Ion 252.00 (251.70 to 252.70): E
1000000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

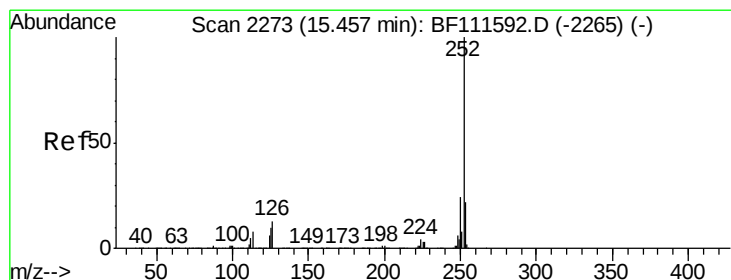
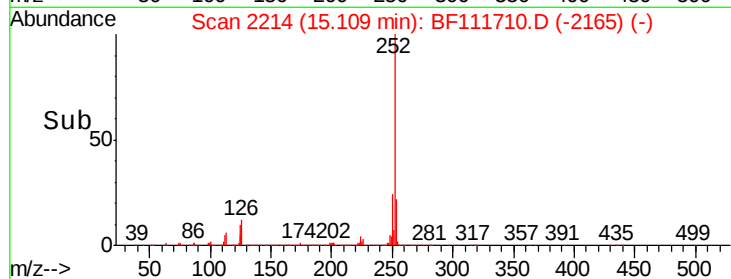
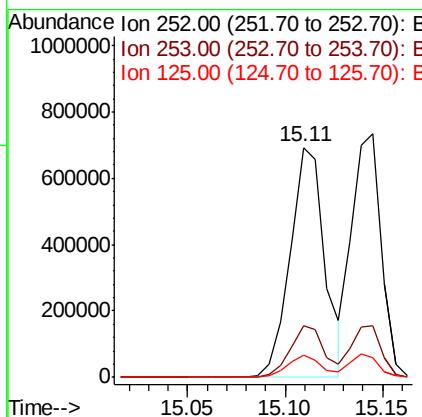
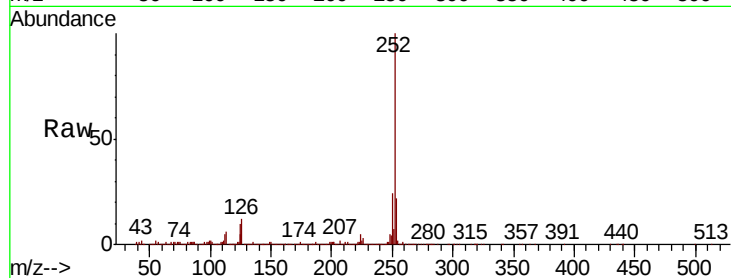




#89
Benzo(k)fluoranthene
Concen: 34.051 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF111710.D
Acq: 26 Dec 2018 12:35

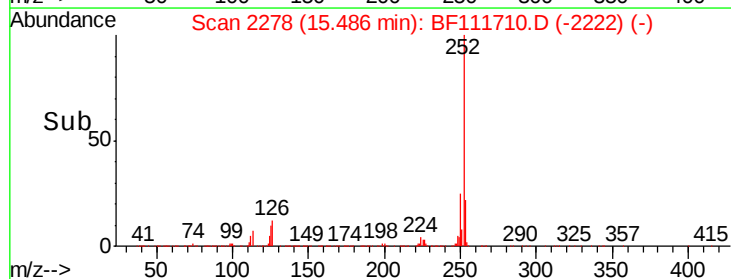
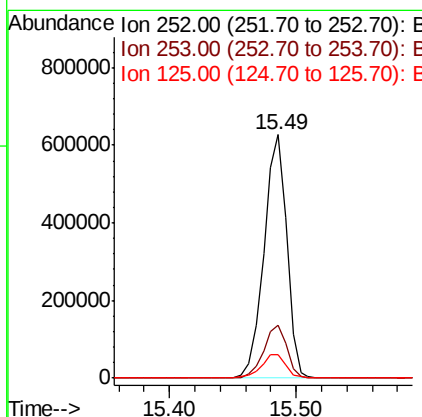
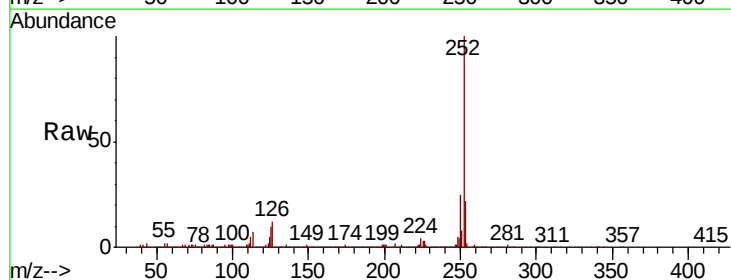
Instrument :
BNA_F
ClientSampleId :
PB115960BS

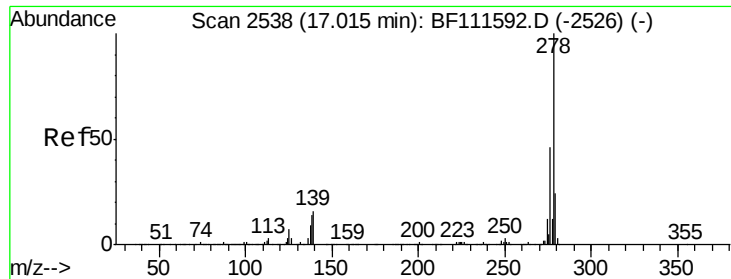
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	9.9	9.8	14.8



#90
Benzo(a)pyrene
Concen: 32.741 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.03 min
Lab File: BF111710.D
Acq: 26 Dec 2018 12:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	9.7	12.3	18.5





#91

Dibenzo(a,h)anthracene

Concen: 30.535 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.05 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

Instrument :

BNA_F

ClientSampleId :

PB115960BS

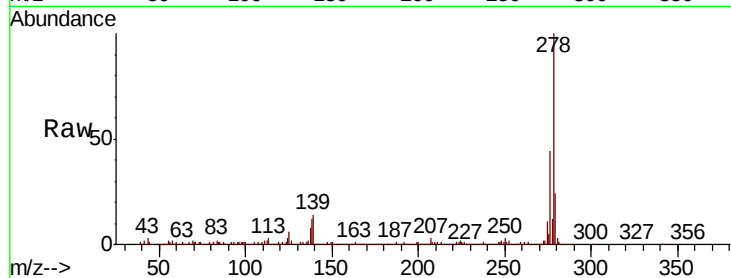
Tot Ion:278 Resp: 640549

Ion Ratio Lower Upper

278 100

139 14.1 18.2 27.4#

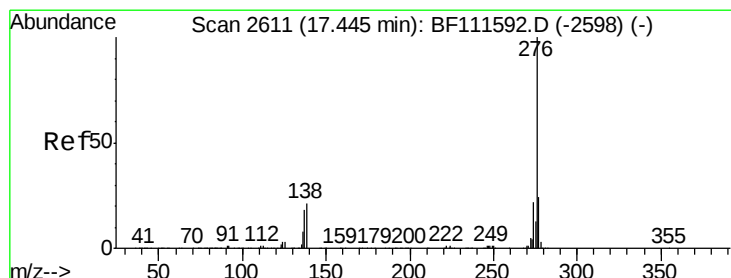
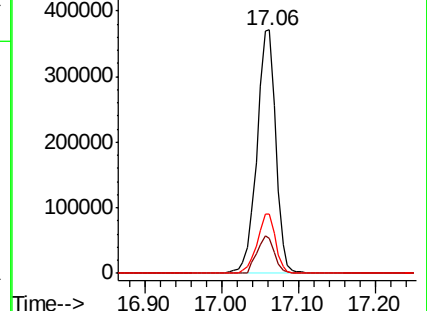
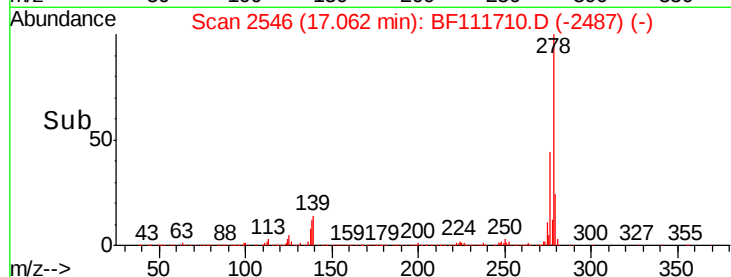
279 24.3 19.0 28.6



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: 28.868 ng

RT: 17.50 min Scan# 2620

Delta R.T. 0.05 min

Lab File: BF111710.D

Acq: 26 Dec 2018 12:35

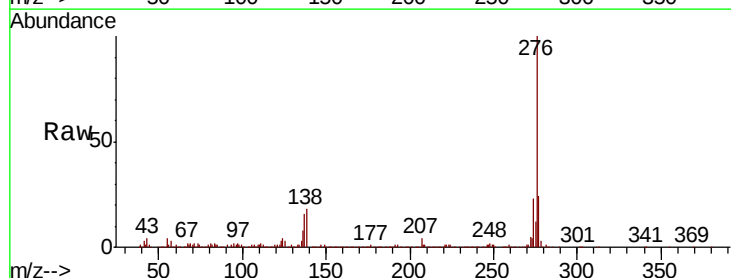
Tgt Ion:276 Resp: 591338

Ion Ratio Lower Upper

276 100

277 23.5 19.2 28.8

138 18.2 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

