

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
 Data File : BF111412.D
 Acq On : 14 Dec 2018 12:01
 Operator : JU/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 12:28:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 11:42:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	232715	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1152758	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	548572	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	962058	20.00	ng	0.00
76) Chrysene-d12	13.96	240	651052	20.00	ng	0.00
87) Perylene-d12	15.39	264	530328	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1547030	112.42	ng	0.00
7) Phenol-d6	6.45	99	2152000	115.98	ng	0.00
23) Nitrobenzene-d5	7.36	82	2288376	111.89	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	544010	112.50	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	3664206	107.24	ng	0.00
79) Terphenyl-d14	12.90	244	2918831	98.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	377453	54.910	ng	96
3) Pyridine	3.24	79	1031102	61.060	ng	95
4) n-Nitrosodimethylamine	3.19	42	473441	60.100	ng	92
6) Aniline	6.46	93	1336689	59.549	ng	# 28
8) 2-Chlorophenol	6.59	128	928767	54.908	ng	99
9) Benzaldehyde	6.34	77	554169	47.991	ng	98
10) Phenol	6.46	94	1216898	57.897	ng	# 75
11) bis(2-Chloroethyl)ether	6.53	93	902167	54.560	ng	97
12) 1,3-Dichlorobenzene	6.74	146	1072279	58.558	ng	100
13) 1,4-Dichlorobenzene	6.82	146	1083421	58.447	ng	99
14) 1,2-Dichlorobenzene	6.97	146	1034882	60.347	ng	99
15) Benzyl Alcohol	6.95	79	856690	60.297	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1927667	60.175	ng	92
17) 2-Methylphenol	7.06	107	841285	61.552	ng	# 93
18) Hexachloroethane	7.31	117	440513	64.010	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	764987	62.045	ng	97
20) 3+4-Methylphenols	7.22	107	998783	61.276	ng	# 88
22) Acetophenone	7.21	105	1428466	53.347	ng	92
24) Nitrobenzene	7.39	77	1181595	56.088	ng	93
25) Isophorone	7.63	82	2056168	59.186	ng	100
26) 2-Nitrophenol	7.70	139	650713	62.841	ng	94
27) 2,4-Dimethylphenol	7.74	122	933593	59.393	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	1371142	57.501	ng	100
29) 2,4-Dichlorophenol	7.95	162	951683	58.040	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	960954	57.036	ng	99
31) Naphthalene	8.10	128	3005347	55.957	ng	99
32) Benzoic acid	7.89	122	708803	54.244	ng	97
33) 4-Chloroaniline	8.15	127	1393833	60.767	ng	98
34) Hexachlorobutadiene	8.22	225	522373	55.889	ng	98
35) Caprolactam	8.55	113	363627	63.288	ng	90
36) 4-Chloro-3-methylphenol	8.65	107	1018898	58.312	ng	99
37) 2-Methylnaphthalene	8.79	142	1988356	57.271	ng	99
38) 1-Methylnaphthalene	8.89	142	1888775	56.367	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	830104	53.834	ng	99

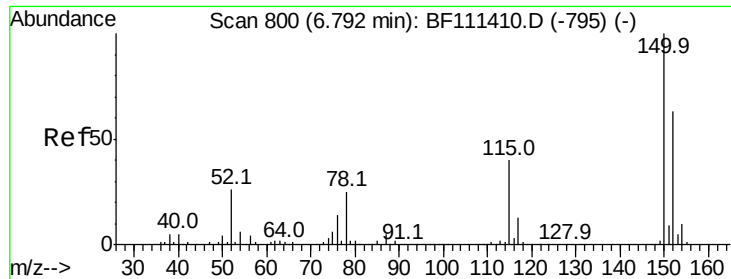
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
 Data File : BF111412.D
 Acq On : 14 Dec 2018 12:01
 Operator : JU/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 12:28:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 11:42:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	483327	60.027	ng	100
43) 2,4,6-Trichlorophenol	9.07	196	626769	56.789	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	669798	57.424	ng	95
46) 1,1'-Biphenyl	9.26	154	2542370	54.318	ng	96
47) 2-Chloronaphthalene	9.29	162	1977253	55.161	ng	97
48) 2-Nitroaniline	9.38	65	688973	59.149	ng	90
49) Acenaphthylene	9.70	152	2925313	55.859	ng	97
50) Dimethylphthalate	9.57	163	2272075	57.596	ng	98
51) 2,6-Dinitrotoluene	9.62	165	531208	60.749	ng	93
52) Acenaphthene	9.87	154	1868517	56.568	ng	99
53) 3-Nitroaniline	9.79	138	650925	61.932	ng	95
54) 2,4-Dinitrophenol	9.89	184	223028	65.011	ng	93
55) Dibenzofuran	10.05	168	2627589	55.103	ng	96
56) 4-Nitrophenol	9.96	139	476043	62.894	ng	93
57) 2,4-Dinitrotoluene	10.03	165	688386	61.425	ng	95
58) Fluorene	10.39	166	1845147	54.091	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	511590	56.776	ng	99
60) Diethylphthalate	10.26	149	2194202	55.250	ng	100
61) 4-Chlorophenyl-phenylether	10.37	204	918390	54.308	ng	98
62) 4-Nitroaniline	10.41	138	647329	64.076	ng	96
63) Azobenzene	10.54	77	2234271	55.797	ng	96
65) 4,6-Dinitro-2-methylphenol	10.44	198	339066	61.389	ng	# 78
66) n-Nitrosodiphenylamine	10.50	169	1848790	54.023	ng	100
67) 4-Bromophenyl-phenylether	10.86	248	592037	55.278	ng	96
68) Hexachlorobenzene	10.93	284	607849	55.117	ng	93
69) Atrazine	11.03	200	509219	51.447	ng	98
70) Pentachlorophenol	11.13	266	412211	56.168	ng	97
71) Phenanthrene	11.35	178	2654124	53.374	ng	97
72) Anthracene	11.40	178	2710978	53.541	ng	97
73) Carbazole	11.55	167	2734054	52.222	ng	98
74) Di-n-butylphthalate	11.88	149	2840695	47.654	ng	98
75) Fluoranthene	12.53	202	2370201	48.825	ng	99
77) Benzdine	12.64	184	957240	77.911	ng	97
78) Pyrene	12.76	202	2399891	47.763	ng	98
80) Butylbenzylphthalate	13.37	149	1332946	55.252	ng	98
81) Benzo(a)anthracene	13.94	228	1975751	54.238	ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	807335	58.602	ng	99
83) Chrysene	13.99	228	2134065	57.421	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	1611640	54.645	ng	100
85) Di-n-octyl phthalate	14.56	149	2807348	57.971	ng	98
86) Indeno(1,2,3-cd)pyrene	16.82	276	1599973	55.043	ng	98
88) Benzo(b)fluoranthene	14.98	252	1911291	63.379	ng	99
89) Benzo(k)fluoranthene	15.01	252	1642028	54.550	ng	99
90) Benzo(a)pyrene	15.34	252	1642054	58.481	ng	97
91) Dibenzo(a,h)anthracene	16.83	278	1331333	56.990	ng	97
92) Benzo(g,h,i)perylene	17.24	276	1355287	58.027	ng	95

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

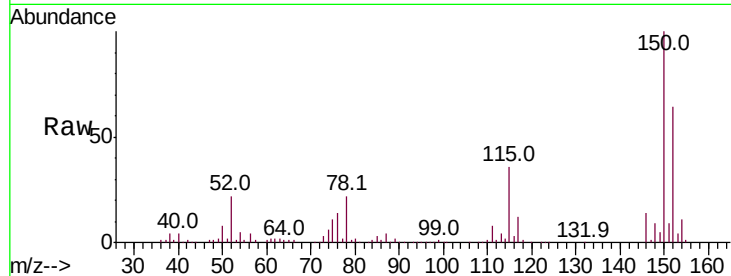


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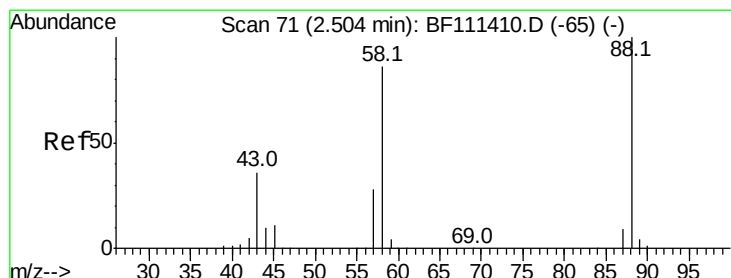
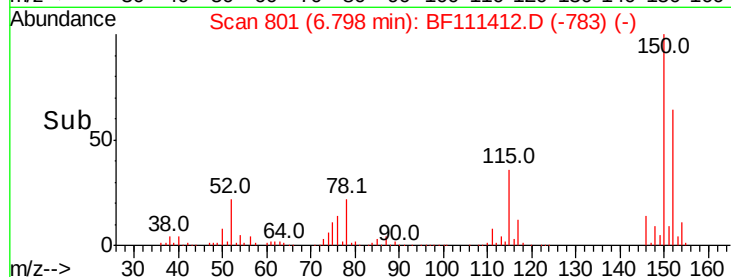
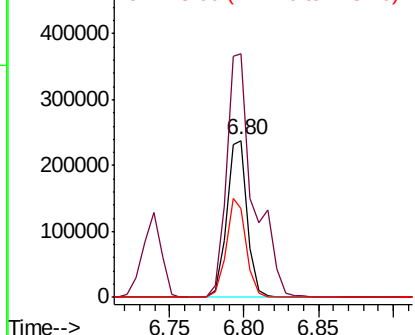
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF111412.D
Acq: 14 Dec 2018 12:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 232715
Ion Ratio Lower Upper
152 100
150 155.5 126.6 189.8
115 56.5 50.7 76.1



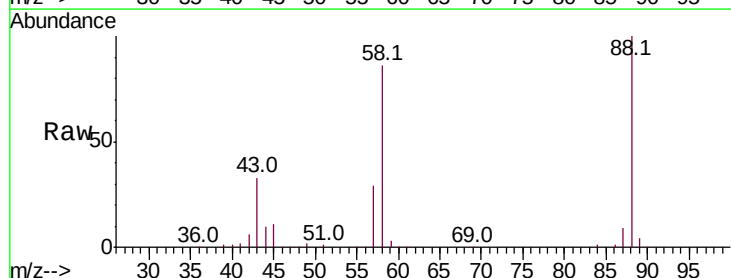
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



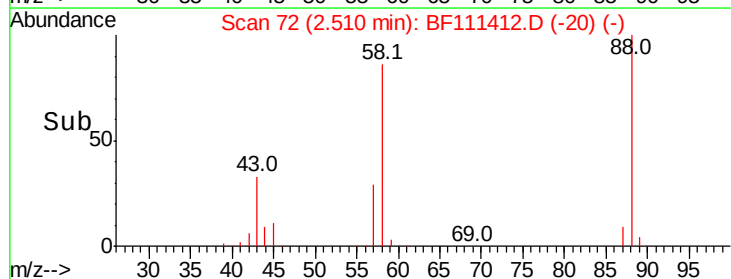
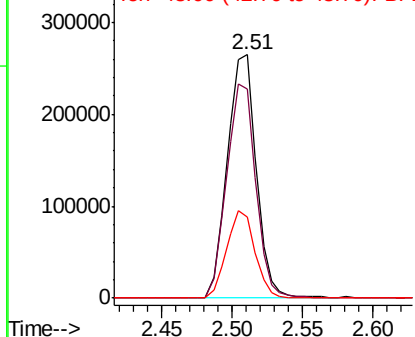
#2

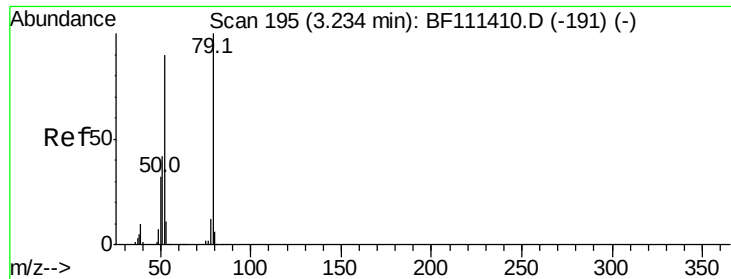
1,4-Dioxane
Concen: 54.910 ng
RT: 2.51 min Scan# 72
Delta R.T. 0.01 min
Lab File: BF111412.D
Acq: 14 Dec 2018 12:01

Tgt Ion: 88 Resp: 377453
Ion Ratio Lower Upper
88 100
58 88.9 68.9 103.3
43 35.7 25.8 38.6



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





#3

Pvridine

Concen: 61.060 ng

RT: 3.24 min Scan# 196

Delta R.T. 0.01 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

Instrument :

BNA_F

ClientSampled :

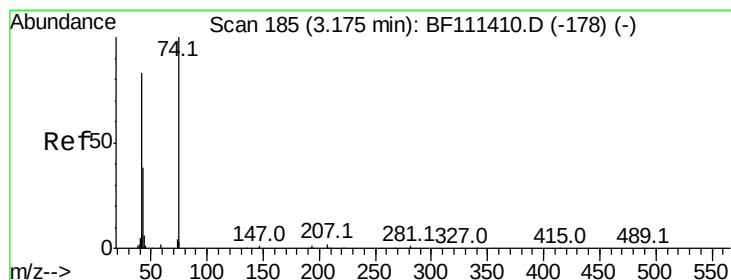
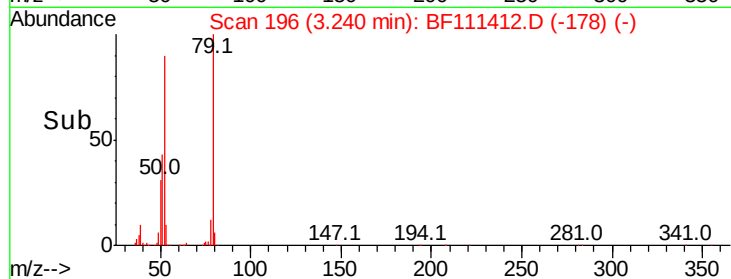
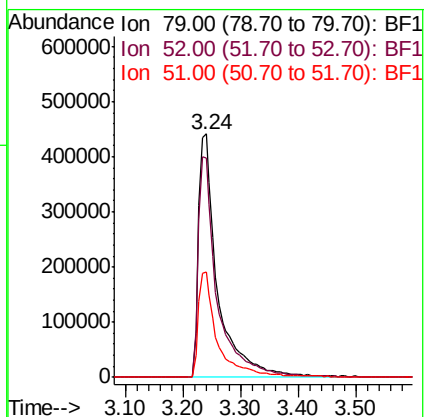
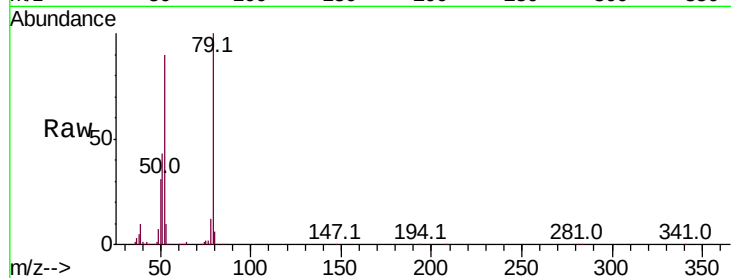
Tot Ion: 79 Resp: 1031102

Ion Ratio Lower Upper

79 100

52 90.3 68.3 102.5

51 43.4 32.6 49.0



#4

n-Nitrosodimethylamine

Concen: 60.100 ng

RT: 3.19 min Scan# 188

Delta R.T. 0.02 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

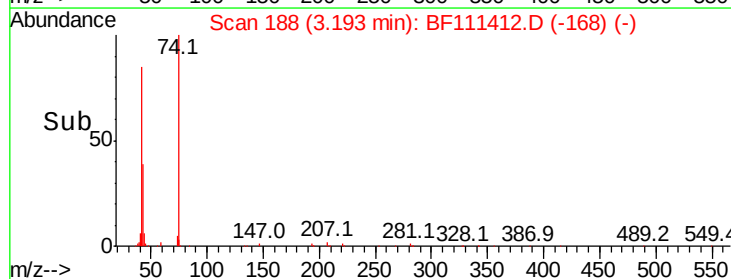
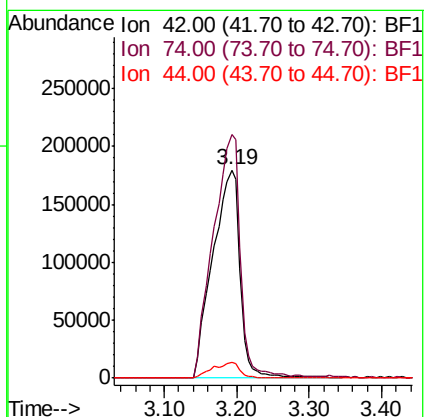
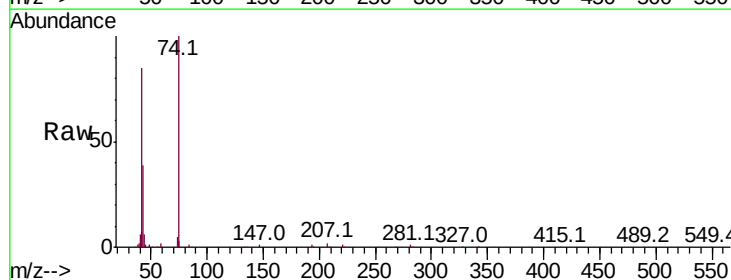
Tgt Ion: 42 Resp: 473441

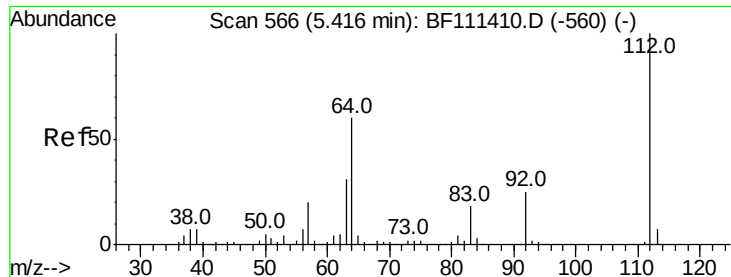
Ion Ratio Lower Upper

42 100

74 117.1 101.5 152.3

44 7.3 6.0 9.0





#5

2-Fluorophenol

Concen: 112.415 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

Instrument :

BNA_F

ClientSampleId :

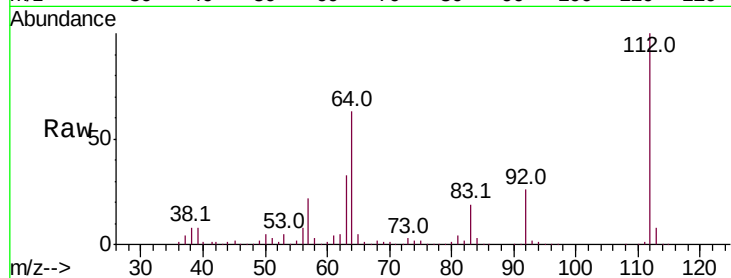
Tot Ion:112 Resp: 1547030

Ion Ratio Lower Upper

112 100

64 63.3 51.8 77.6

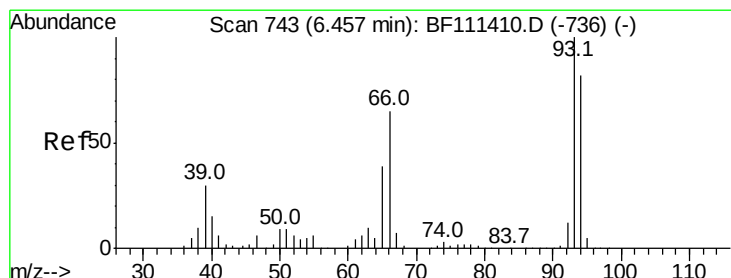
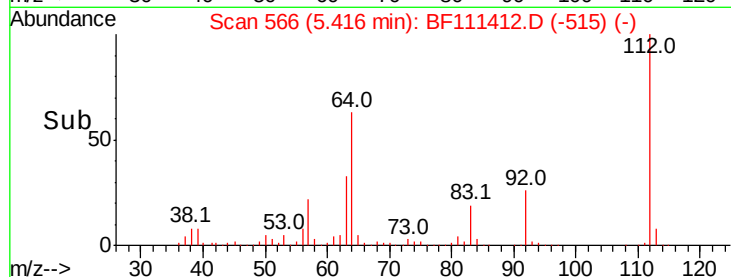
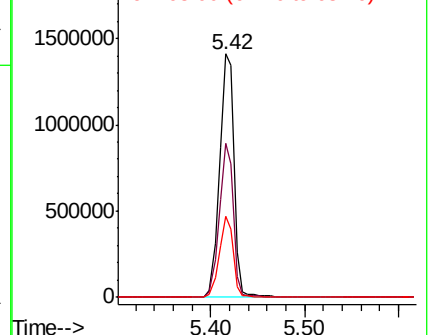
63 33.1 26.8 40.2



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: 59.549 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

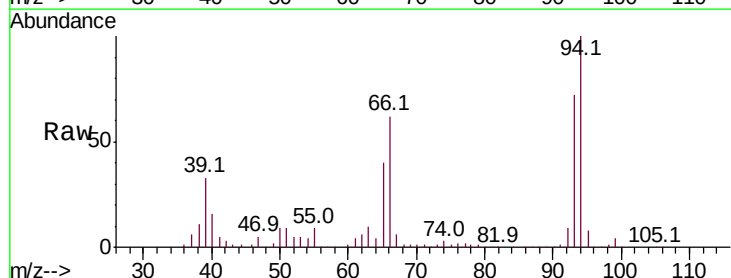
Tgt Ion: 93 Resp: 1336689

Ion Ratio Lower Upper

93 100

66 86.0 33.2 49.8#

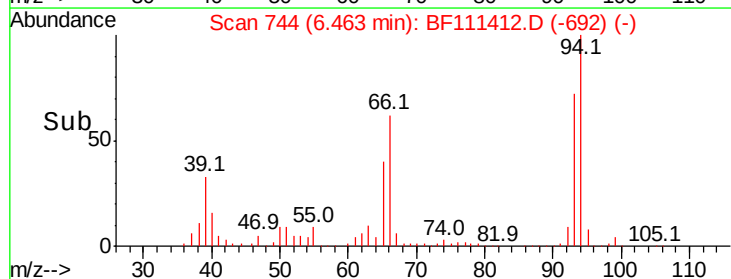
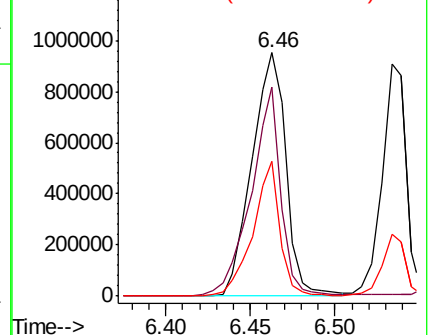
65 55.4 17.0 25.4#

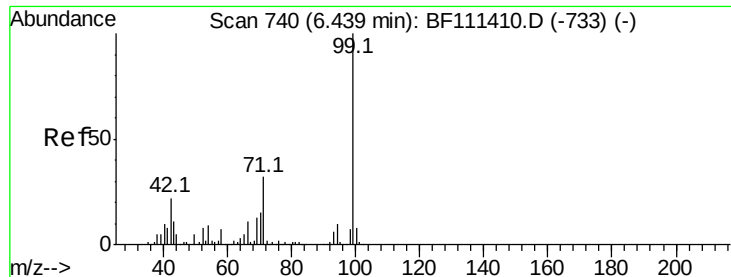


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 115.983 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

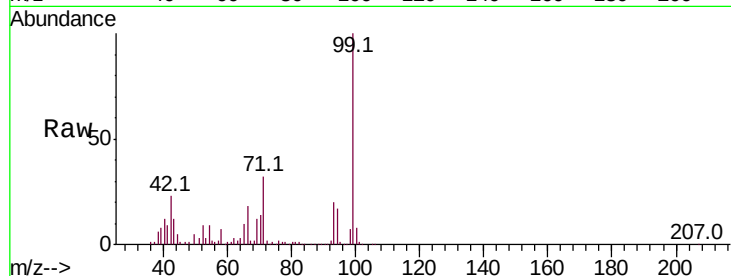
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 2152000

Ion	Ratio	Lower	Upper
99	100		
42	22.5	17.4	26.0
71	32.5	26.1	39.1

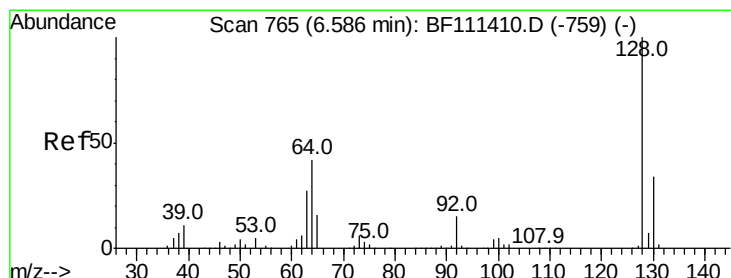
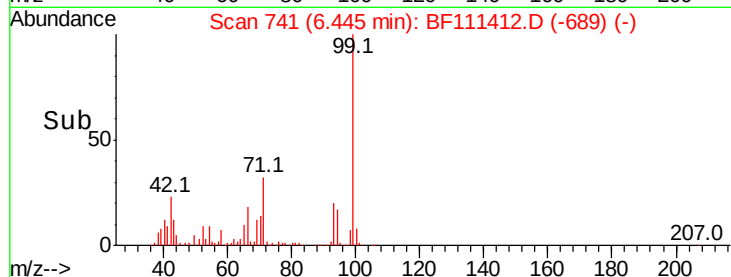
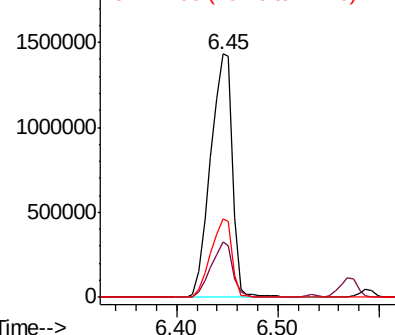


Abundance

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: 54.908 ng

RT: 6.59 min Scan# 765

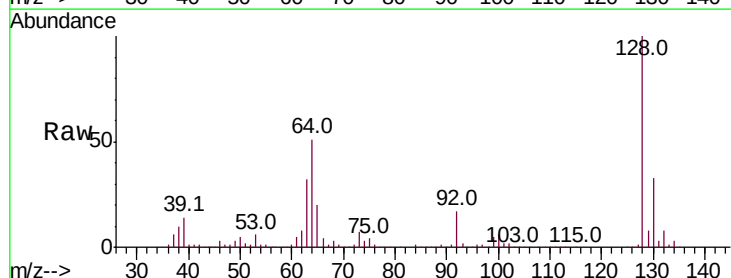
Delta R.T. 0.00 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

Tgt Ion: 128 Resp: 928767

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.7	52.7
64	50.5	30.0	70.0

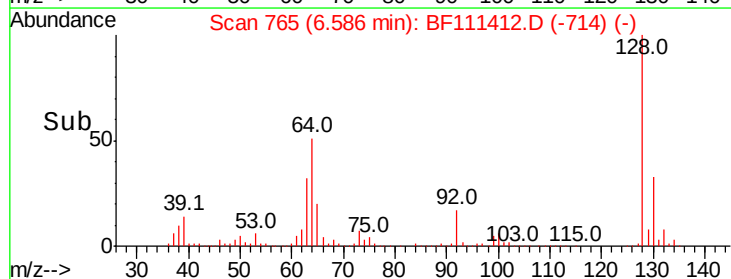
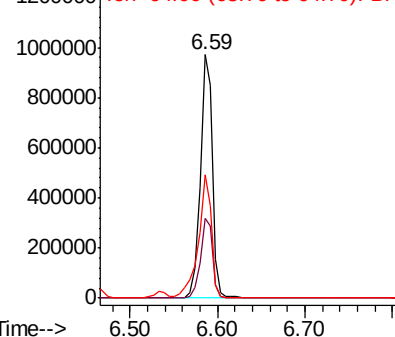


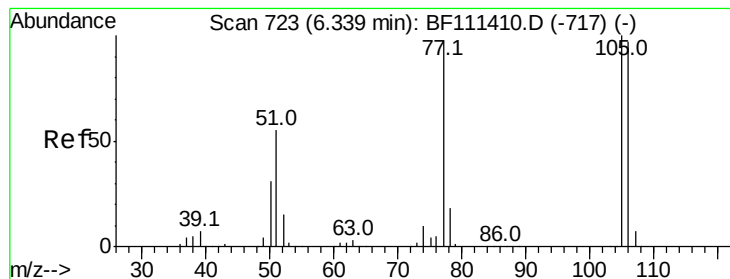
Abundance

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: 47.991 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

Instrument :

BNA_F

ClientSampled :

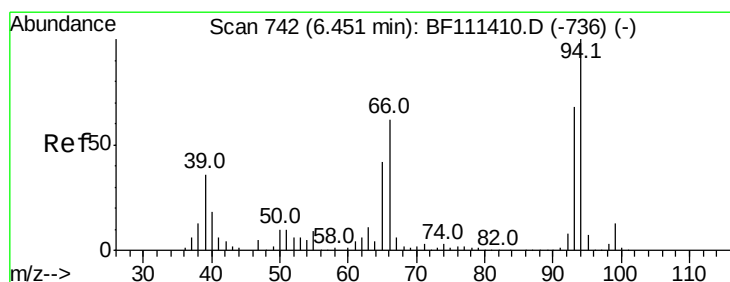
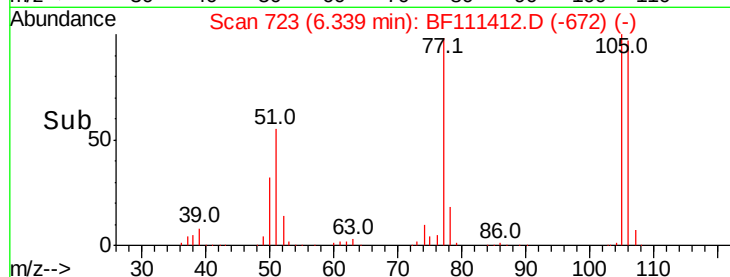
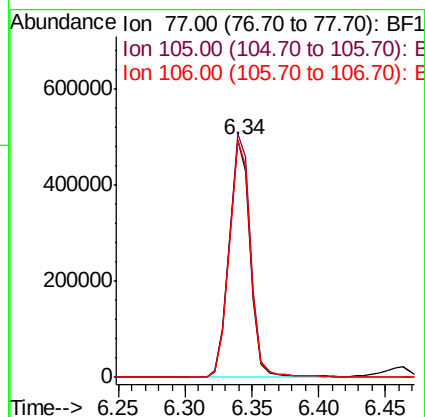
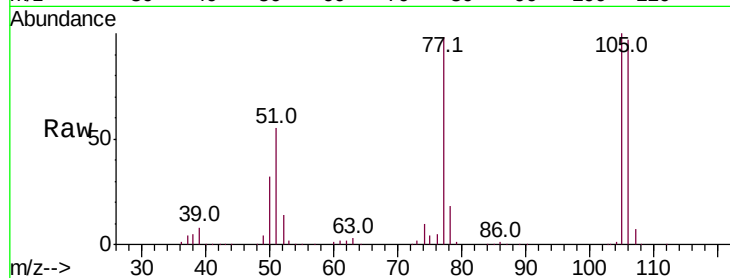
Tot Ion: 77 Resp: 554169

Ion Ratio Lower Upper

77 100

105 102.5 81.4 121.4

106 99.8 77.9 117.9



#10

Phenol

Concen: 57.897 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

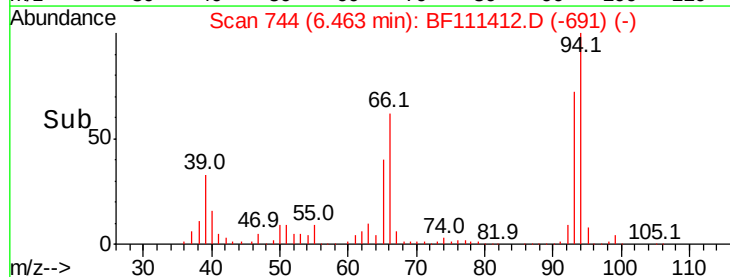
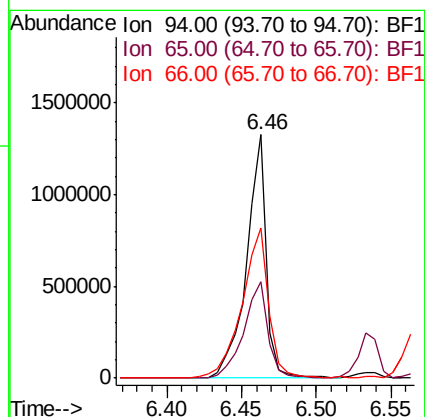
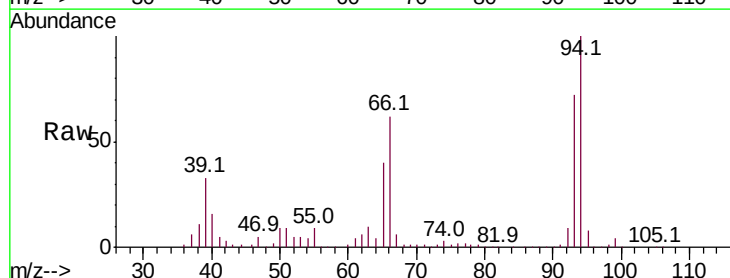
Tgt Ion: 94 Resp: 1216898

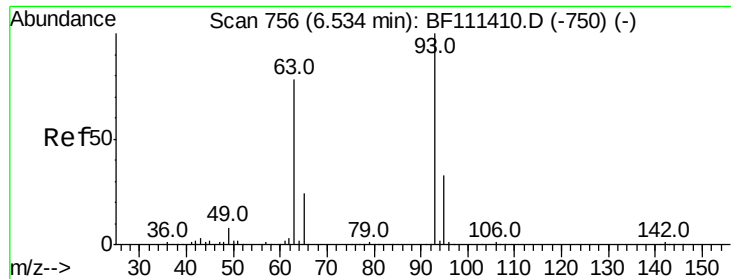
Ion Ratio Lower Upper

94 100

65 39.8 11.7 51.7

66 61.7 21.0 61.0#

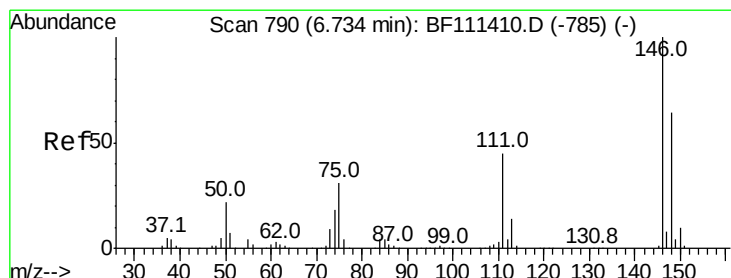
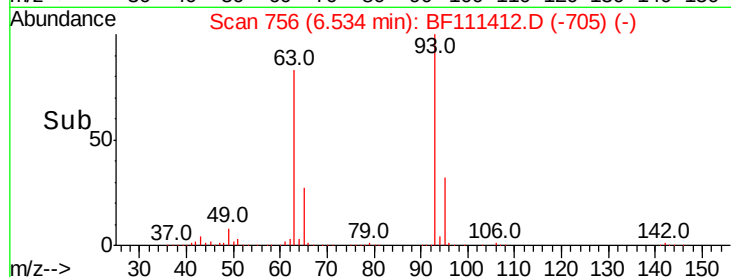
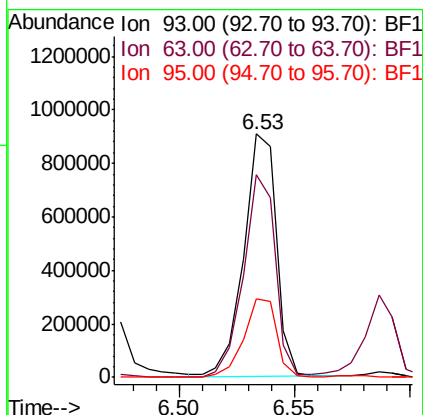
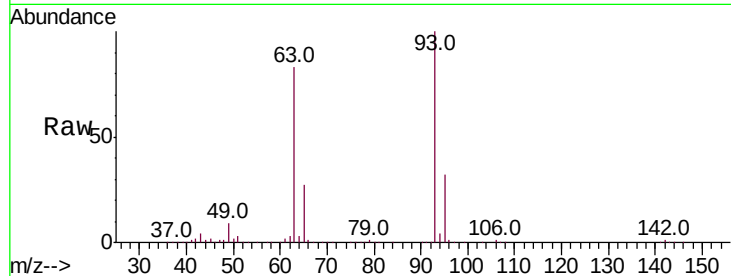




#11
bis(2-Chloroethyl)ether
Concen: 54.560 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF111412.D
Acq: 14 Dec 2018 12:01

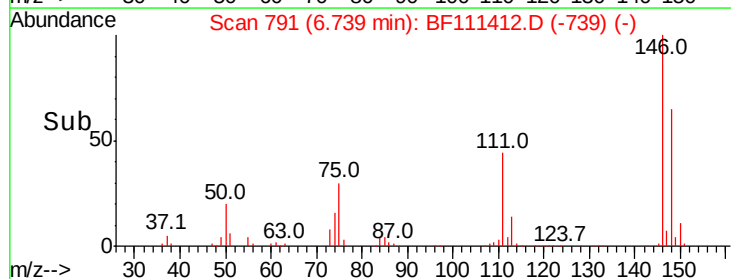
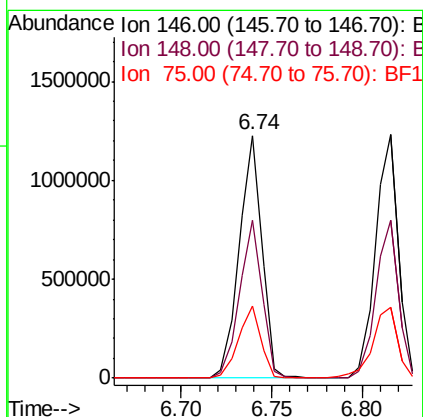
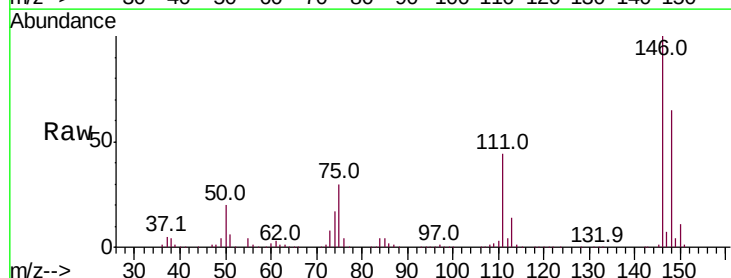
Instrument :
BNA_F
ClientSampleId :

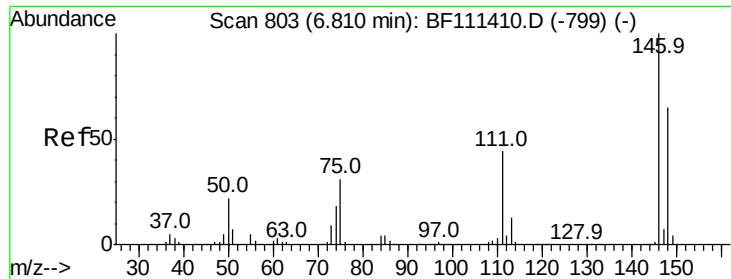
Tot Ion: 93 Resp: 902167
Ion Ratio Lower Upper
93 100
63 83.0 60.0 100.0
95 32.4 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 58.558 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF111412.D
Acq: 14 Dec 2018 12:01

Tgt Ion: 146 Resp: 1072279
Ion Ratio Lower Upper
146 100
148 65.1 52.1 78.1
75 29.7 23.9 35.9

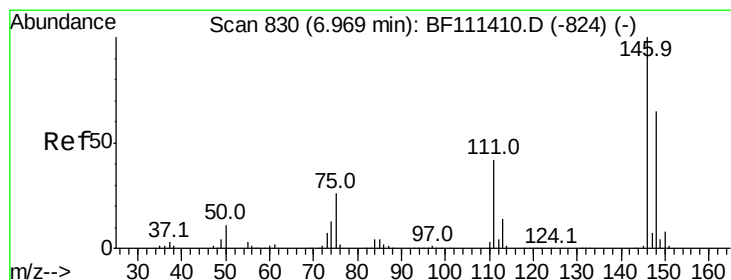
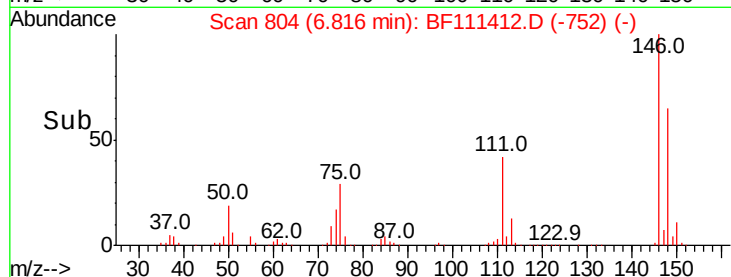
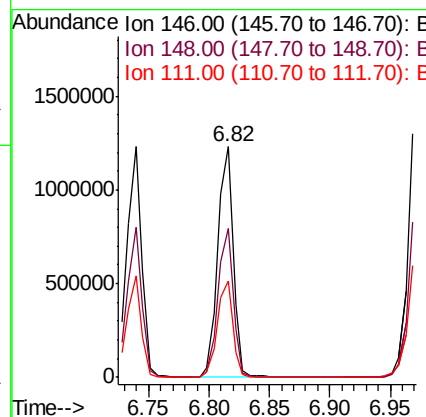
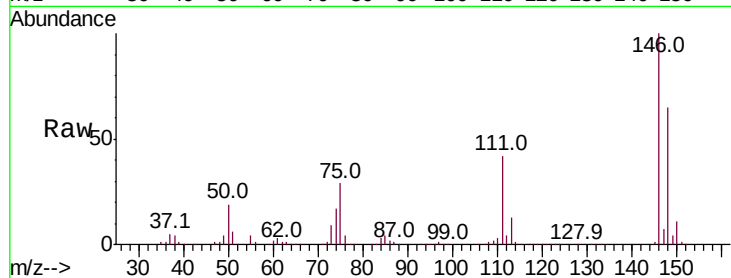




#13
 1,4-Dichlorobenzene
 Concen: 58.447 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF111412.D
 Acq: 14 Dec 2018 12:01

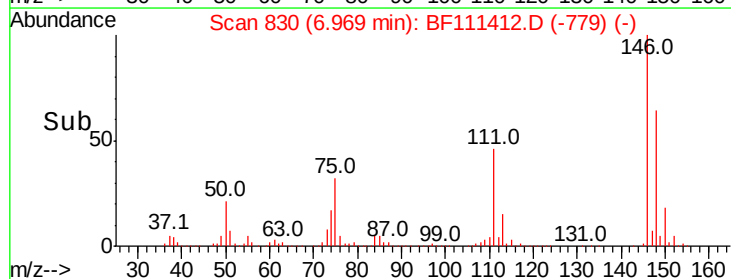
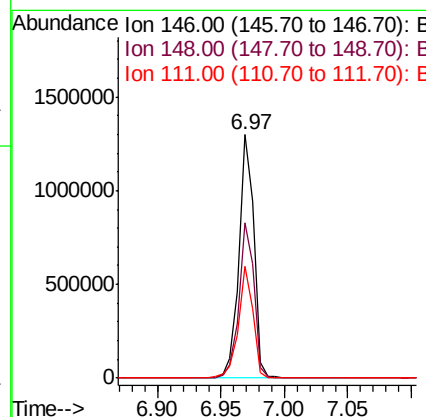
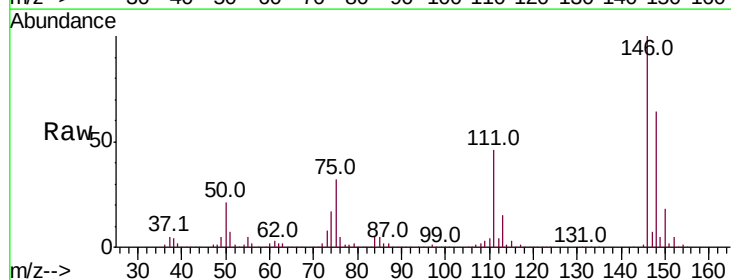
Instrument :
 BNA_F
 ClientSampleId :

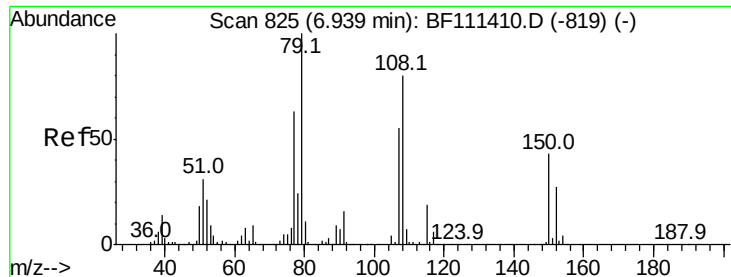
Tot Ion:146 Resp: 1083421
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.8 79.2
 111 41.7 33.4 50.0



#14
 1,2-Dichlorobenzene
 Concen: 60.347 ng
 RT: 6.97 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF111412.D
 Acq: 14 Dec 2018 12:01

Tgt Ion:146 Resp: 1034882
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.9 77.9
 111 45.9 36.2 54.4





#15

Benzyl Alcohol

Concen: 60.297 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

Instrument :
BNA_F
ClientSampled :

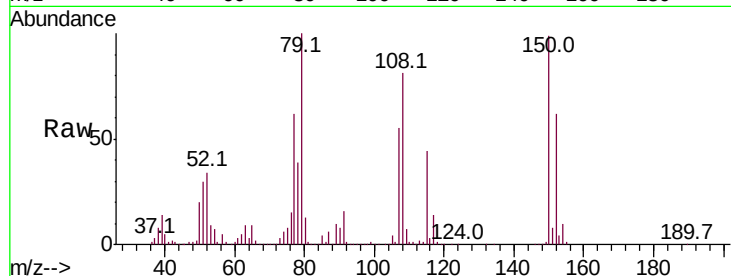
Tot Ion: 79 Resp: 856690

Ion Ratio Lower Upper

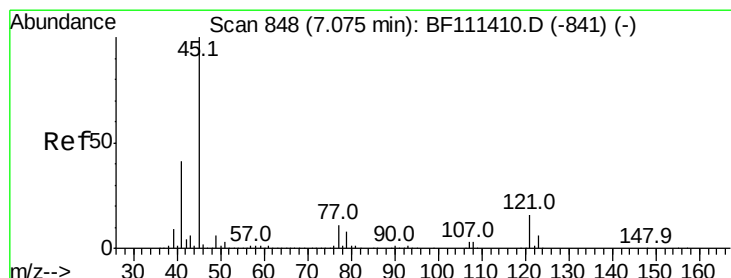
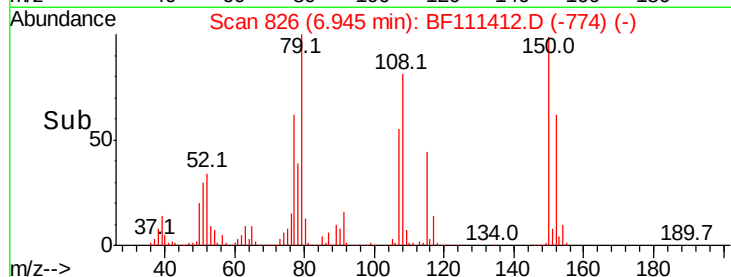
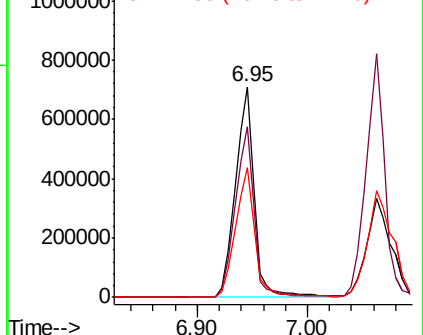
79 100

108 81.1 69.4 104.2

77 61.9 49.7 74.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 60.175 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

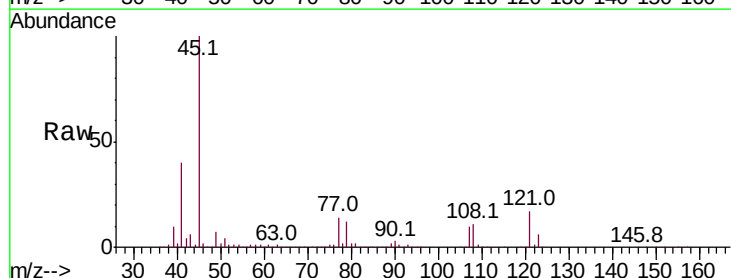
Tgt Ion: 45 Resp: 1927667

Ion Ratio Lower Upper

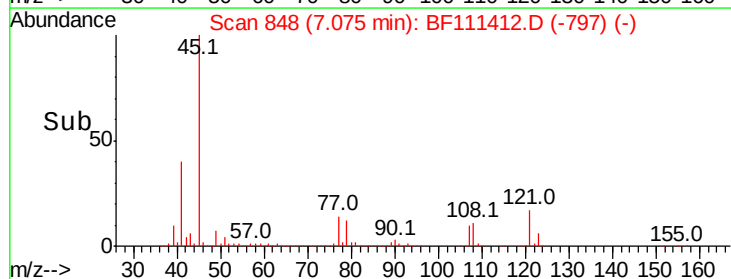
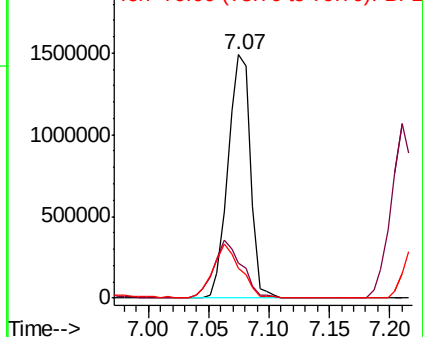
45 100

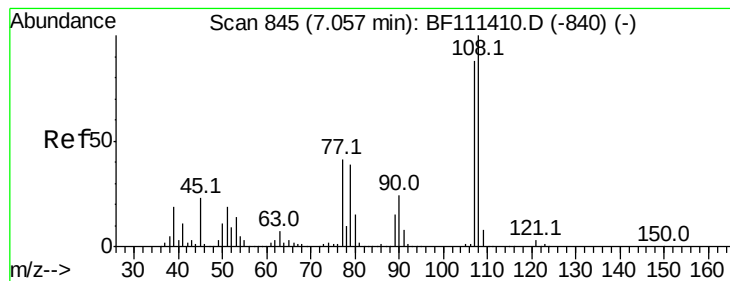
77 14.5 0.0 31.5

79 12.2 0.0 28.9



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 61.552 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.01 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 841285

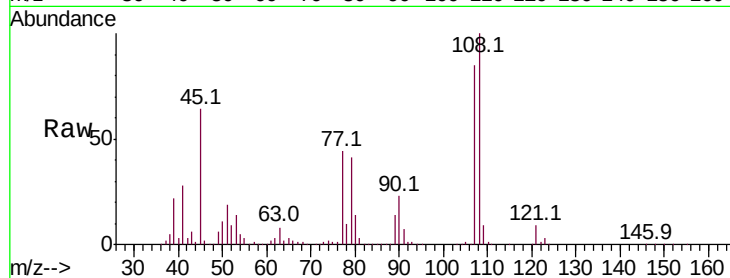
Ion Ratio Lower Upper

107 100

108 117.4 91.0 136.4

77 51.3 33.5 50.3#

79 47.6 33.3 49.9

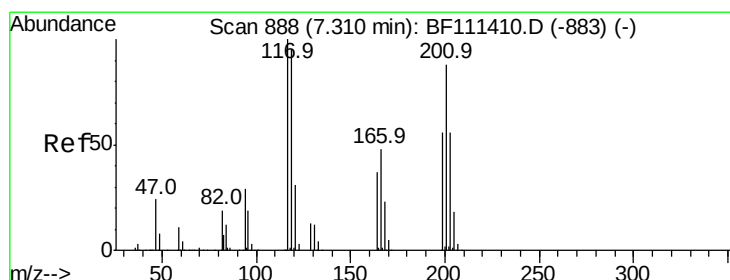
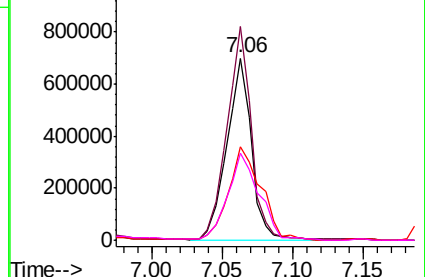
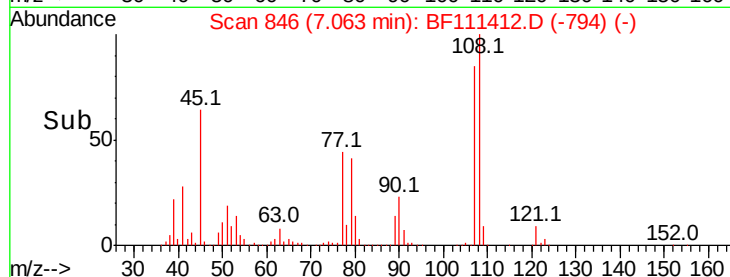


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 64.010 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.00 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

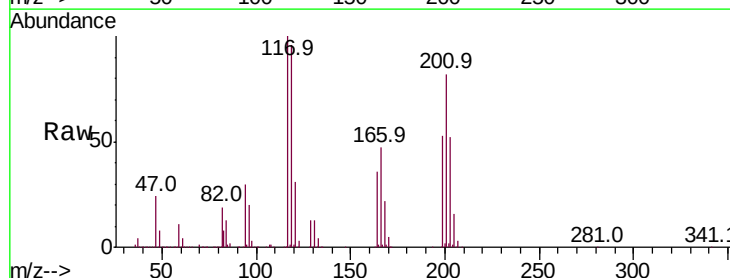
Tgt Ion:117 Resp: 440513

Ion Ratio Lower Upper

117 100

119 96.5 75.4 113.0

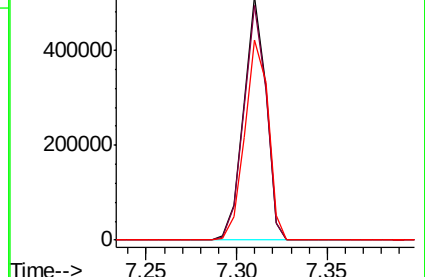
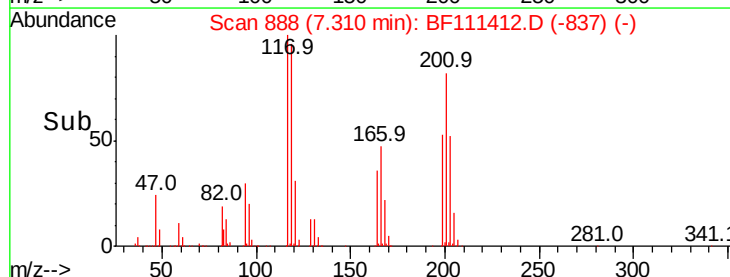
201 82.3 62.4 93.6

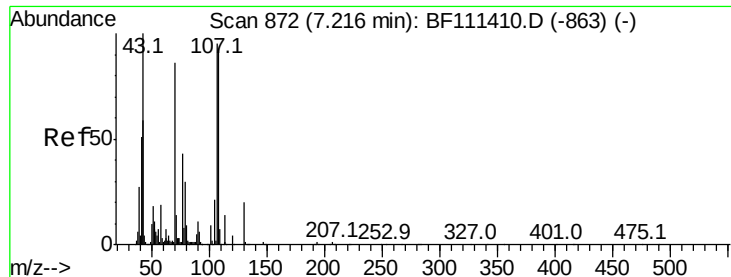


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

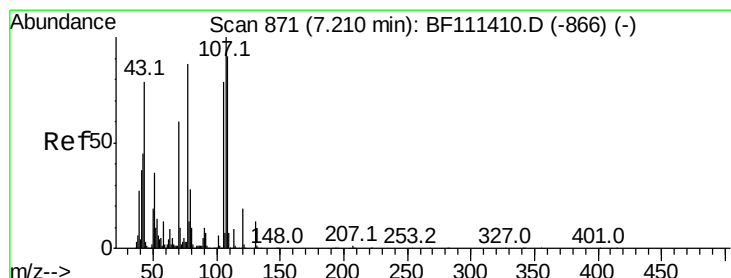
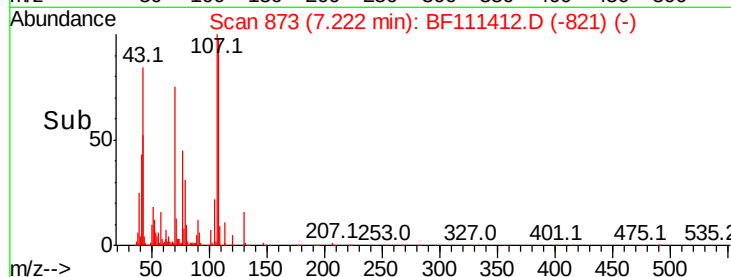
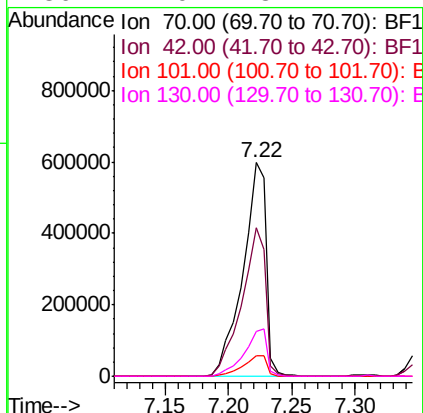
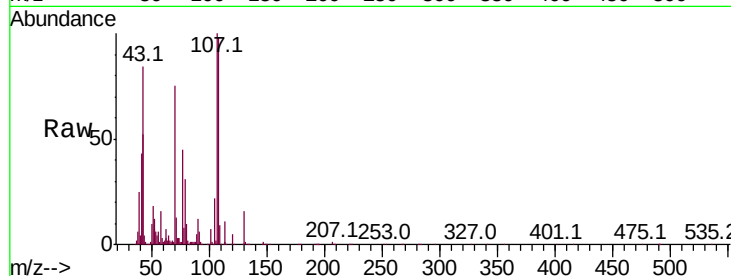




#19
n-Nitroso-di-n-propylamine
Concen: 62.045 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF111412.D
Acq: 14 Dec 2018 12:01

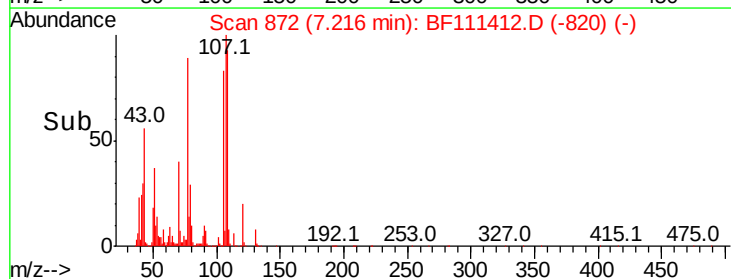
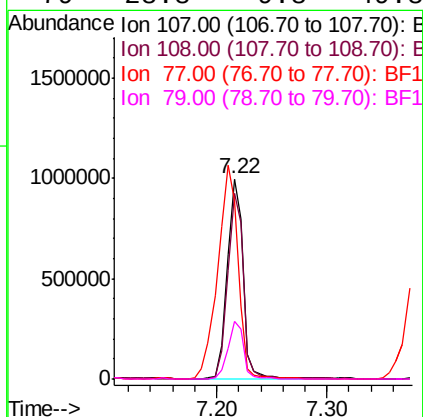
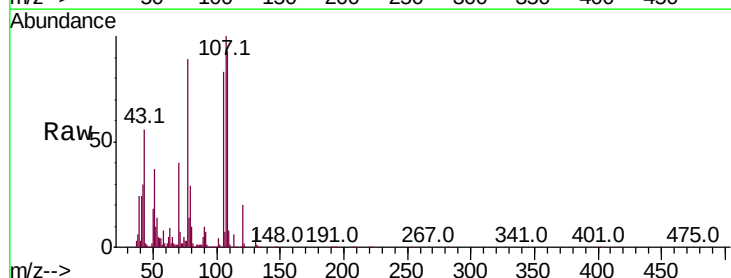
Instrument :
BNA_F
ClientSampleId :

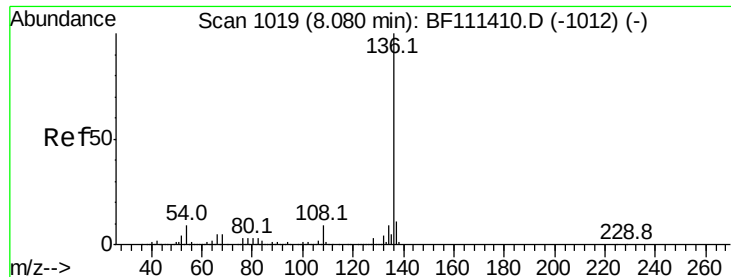
Tot Ion:	70	Resp:	764987
Ion	Ratio	Lower	Upper
70	100		
42	69.3	53.2	79.8
101	9.6	8.2	12.4
130	21.0	18.1	27.1



#20
3+4-Methylphenols
Concen: 61.276 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF111412.D
Acq: 14 Dec 2018 12:01

Tgt Ion:	107	Resp:	998783
Ion	Ratio	Lower	Upper
107	100		
108	92.9	72.1	112.1
77	88.7	94.1	134.1#
79	28.8	9.8	49.8

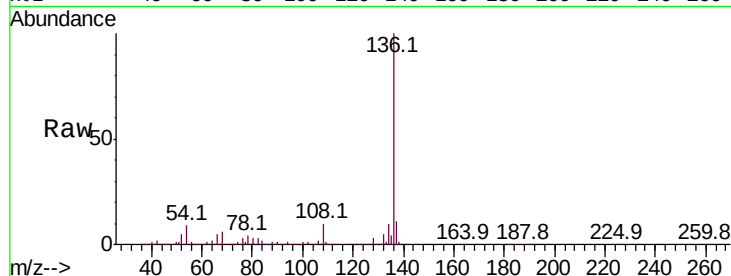




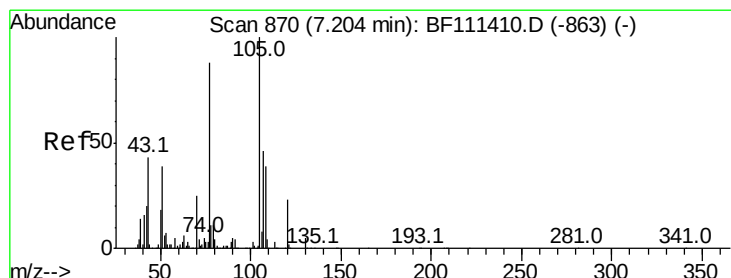
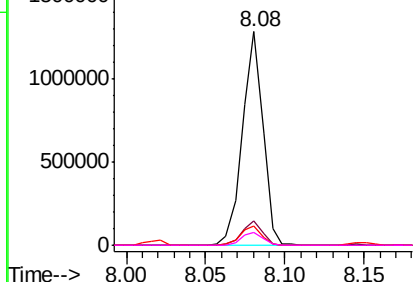
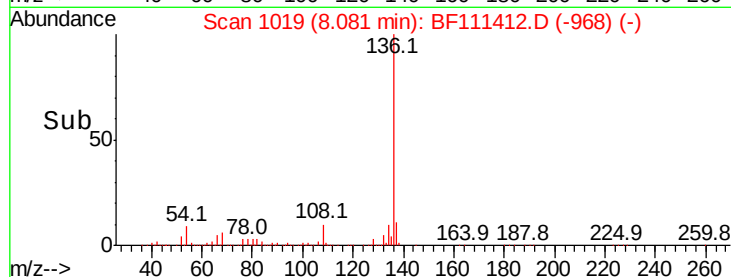
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF111412.D
Acq: 14 Dec 2018 12:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	1152758
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	9.1	7.7	11.5
68	5.9	4.9	7.3

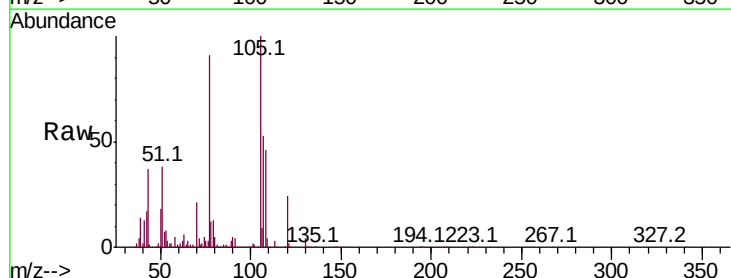


Abundance Ion 136.00 (135.70 to 136.70): E
2000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

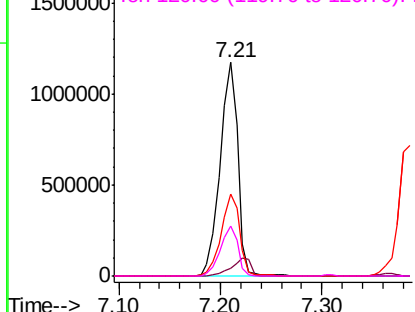
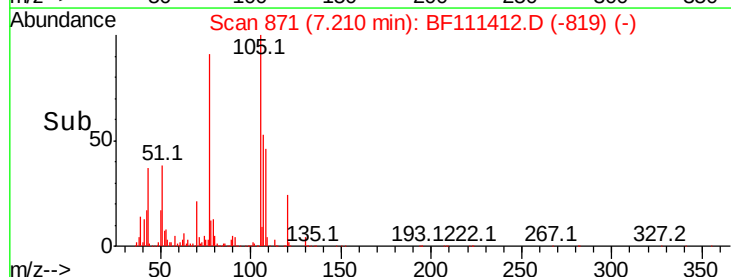


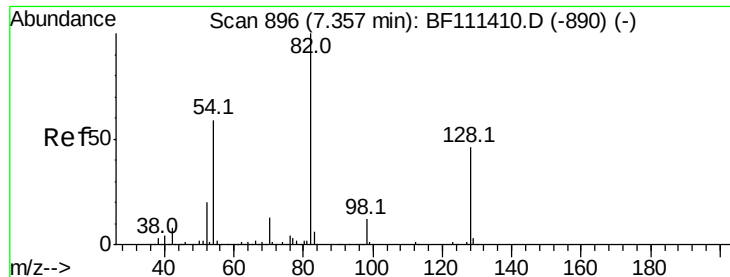
#22
Acetophenone
Concen: 53.347 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.01 min
Lab File: BF111412.D
Acq: 14 Dec 2018 12:01

Tgt Ion:	105	Resp:	1428466
Ion	Ratio	Lower	Upper
105	100		
71	3.5	3.1	4.7
51	38.2	36.6	54.8
120	23.5	18.2	27.4



Abundance Ion 105.00 (104.70 to 105.70): E
1500000
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

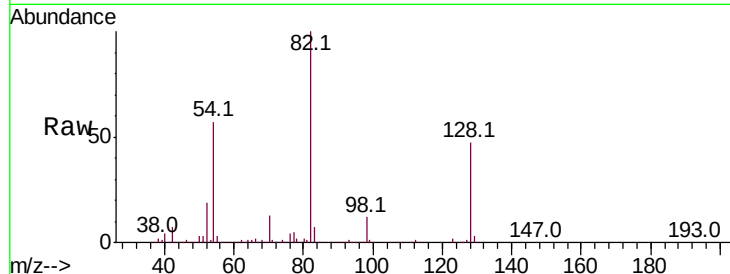




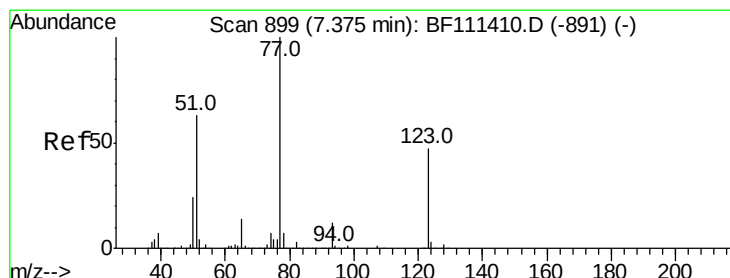
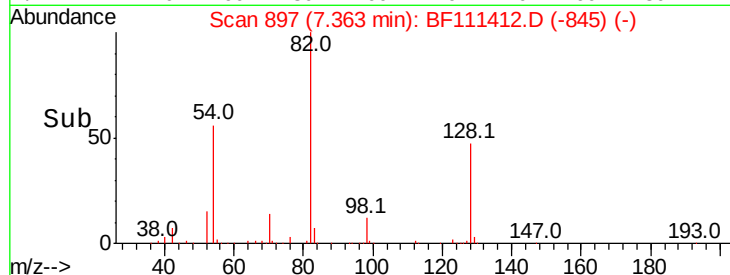
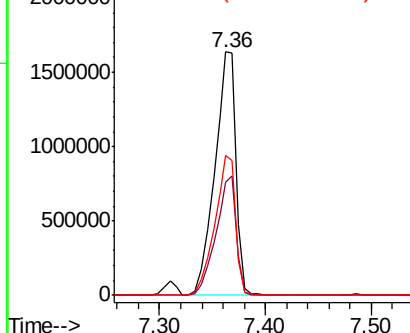
#23
Nitrobenzene-d5
Concen: 111.888 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.01 min
Lab File: BF111412.D
Acq: 14 Dec 2018 12:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 2288376
Ion Ratio Lower Upper
82 100
128 46.7 37.4 56.2
54 57.4 47.6 71.4

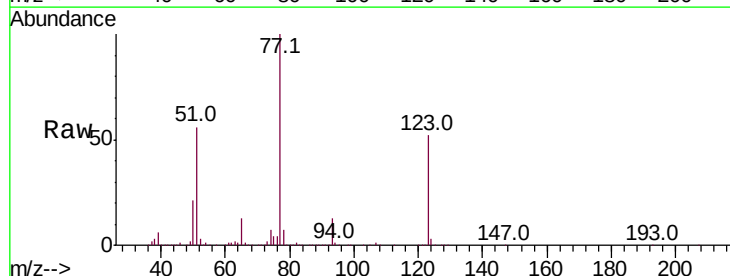


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

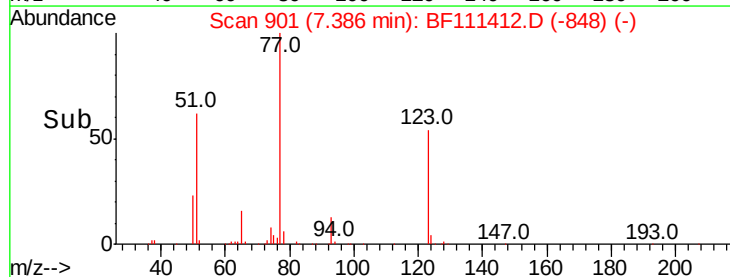
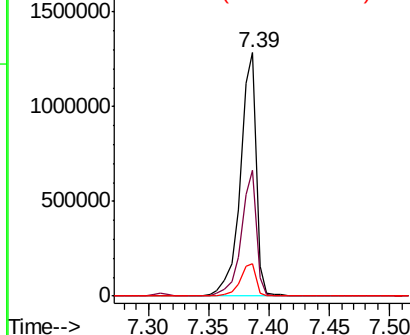


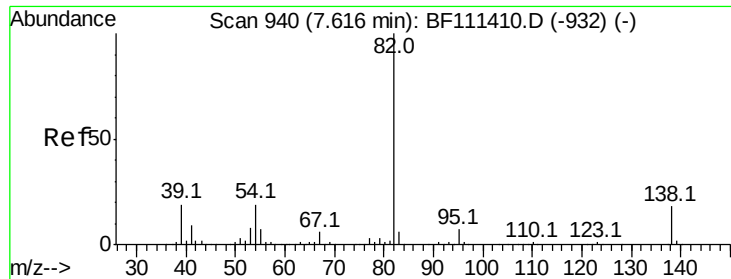
#24
Nitrobenzene
Concen: 56.088 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF111412.D
Acq: 14 Dec 2018 12:01

Tgt Ion: 77 Resp: 1181595
Ion Ratio Lower Upper
77 100
123 51.9 37.2 55.8
65 13.5 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: 59.186 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.01 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

Instrument :

BNA_F

ClientSampleId :

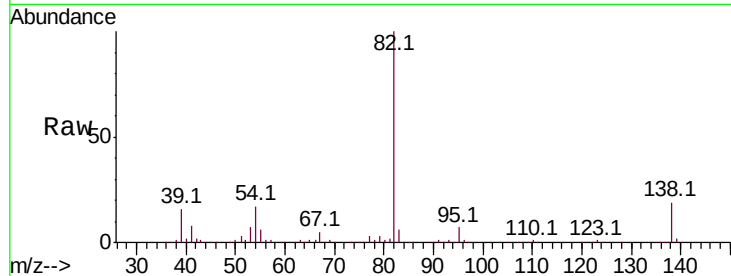
Tot Ion: 82 Resp: 2056168

Ion Ratio Lower Upper

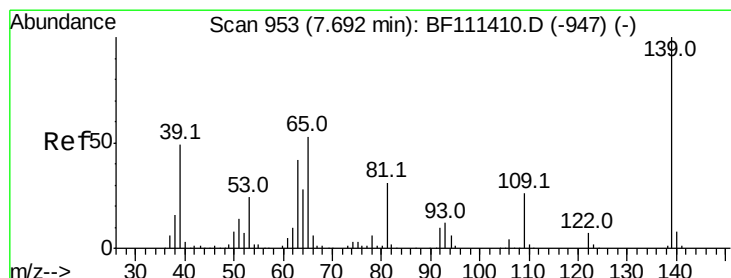
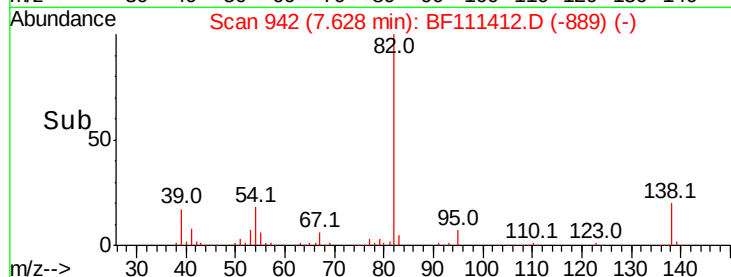
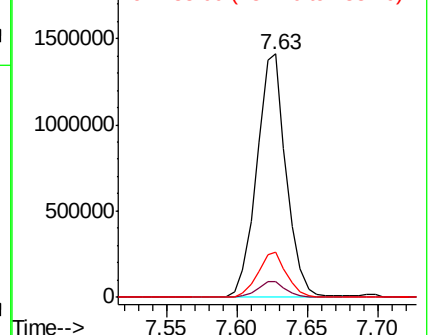
82 100

95 6.6 5.4 8.2

138 18.7 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: 62.841 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.01 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

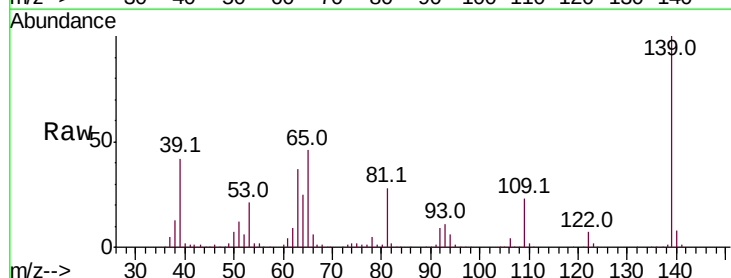
Tgt Ion: 139 Resp: 650713

Ion Ratio Lower Upper

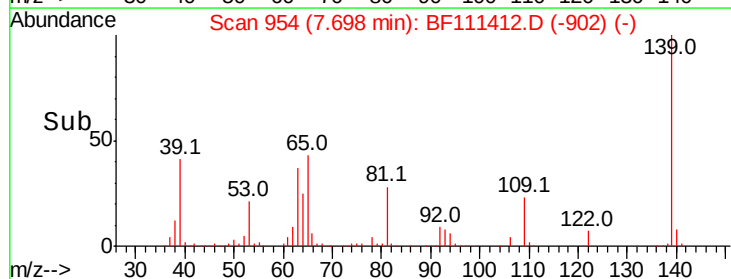
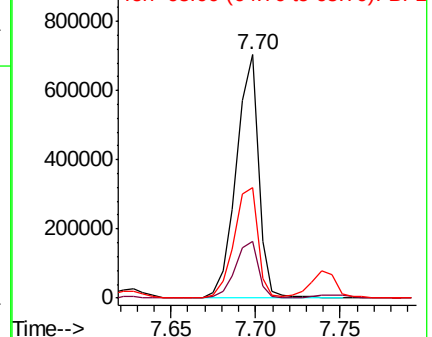
139 100

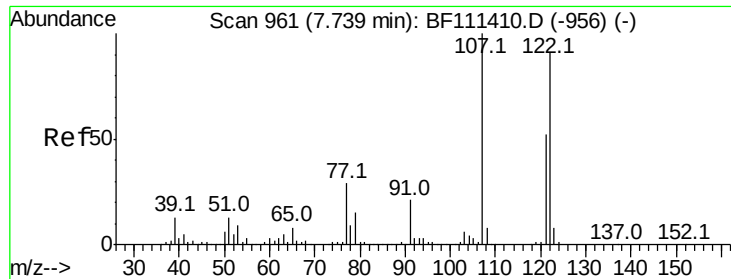
109 23.5 20.2 30.4

65 45.5 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

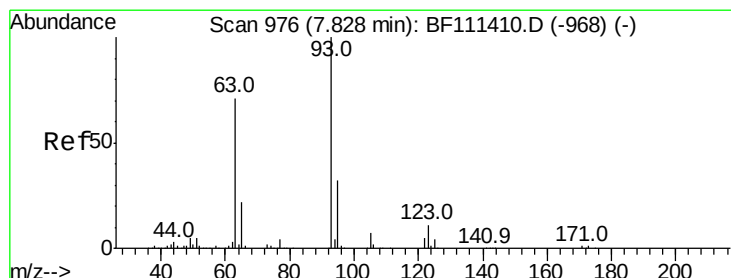
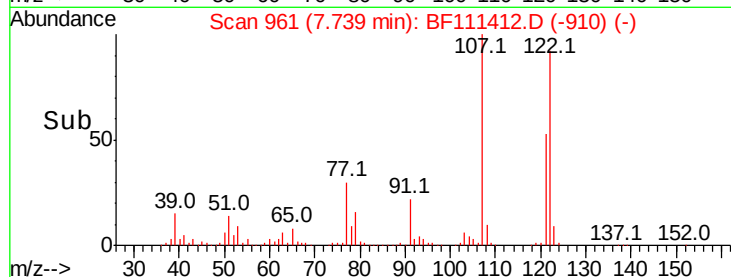
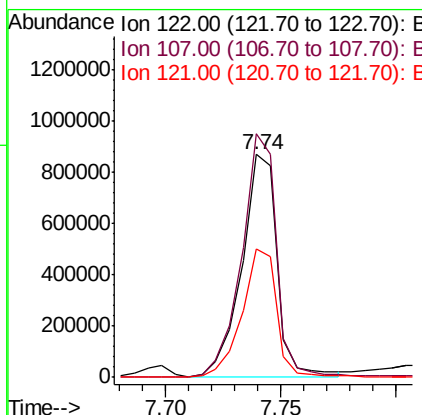
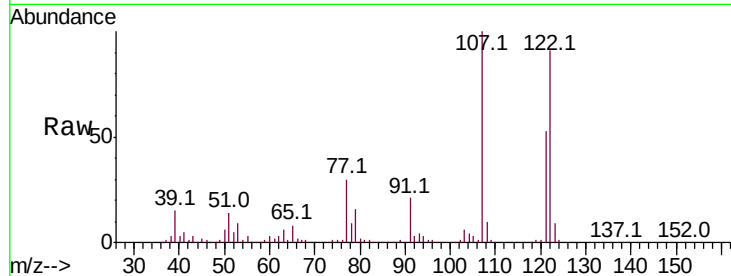




#27
 2,4-Dimethylphenol
 Concen: 59.393 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF111412.D
 Acq: 14 Dec 2018 12:01

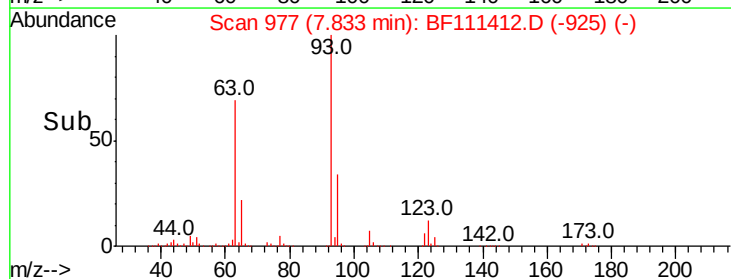
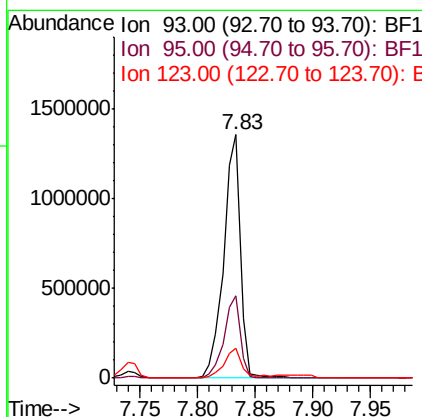
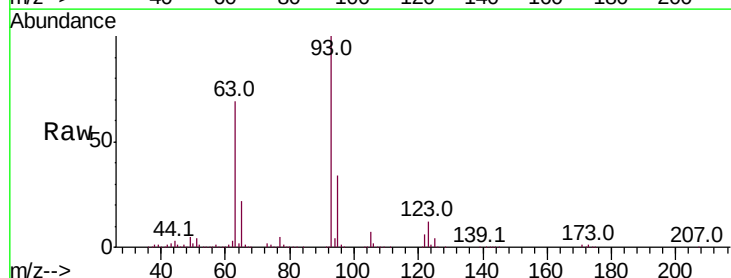
Instrument :
 BNA_F
 ClientSampled :

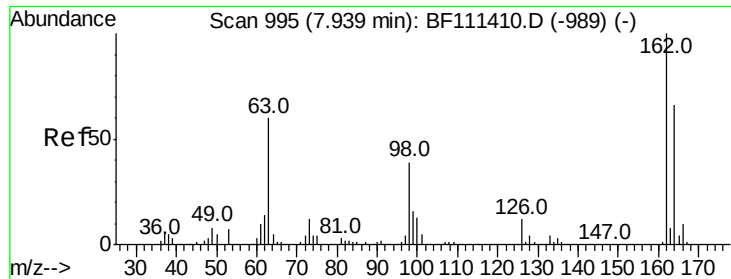
Tot Ion:122 Resp: 933593
 Ion Ratio Lower Upper
 122 100
 107 109.4 85.5 128.3
 121 57.5 46.6 70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 57.501 ng
 RT: 7.83 min Scan# 977
 Delta R.T. 0.01 min
 Lab File: BF111412.D
 Acq: 14 Dec 2018 12:01

Tgt Ion: 93 Resp: 1371142
 Ion Ratio Lower Upper
 93 100
 95 34.0 27.1 40.7
 123 12.3 9.9 14.9

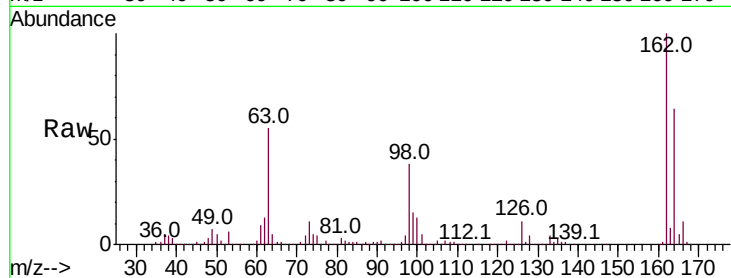




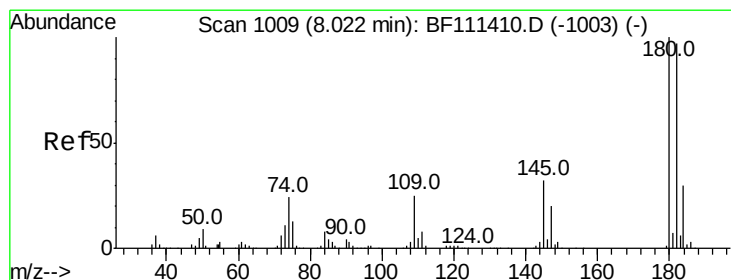
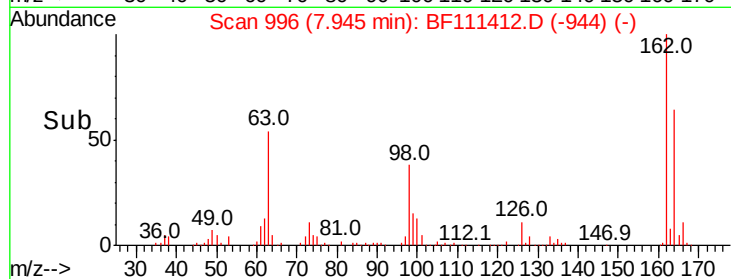
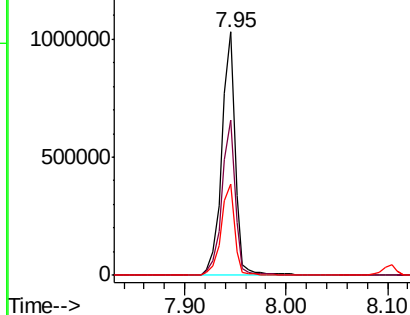
#29
 2,4-Dichlorophenol
 Concen: 58.040 ng
 RT: 7.95 min Scan# 996
 Delta R.T. 0.01 min
 Lab File: BF111412.D
 Acq: 14 Dec 2018 12:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.4	84.4
98	37.6	20.3	60.3

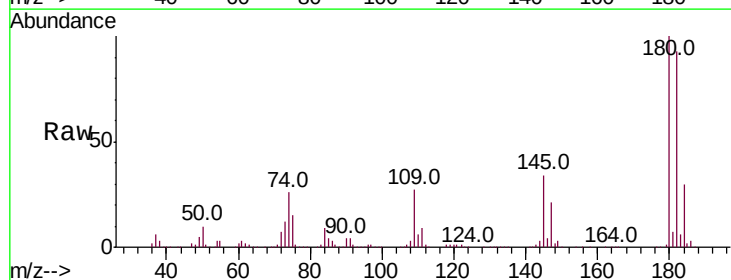


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

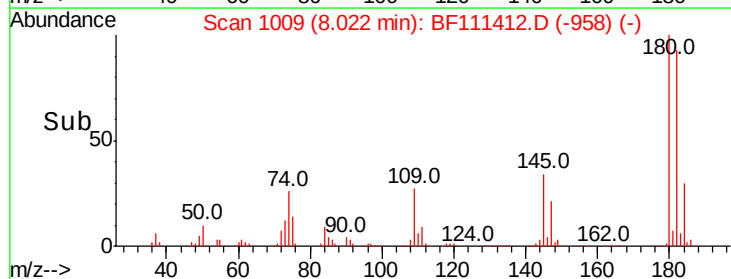
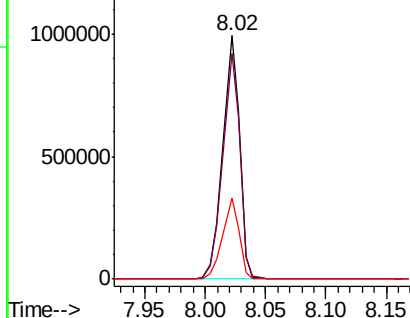


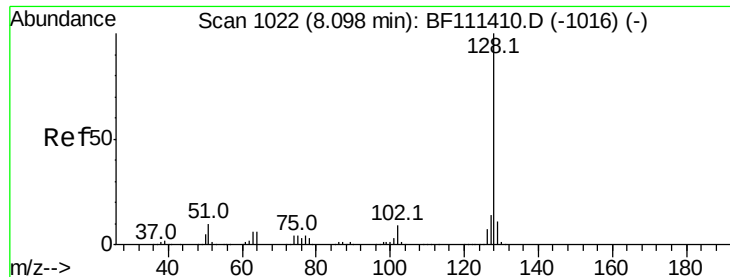
#30
 1,2,4-Trichlorobenzene
 Concen: 57.036 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF111412.D
 Acq: 14 Dec 2018 12:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	75.6	113.4
145	33.5	26.7	40.1



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

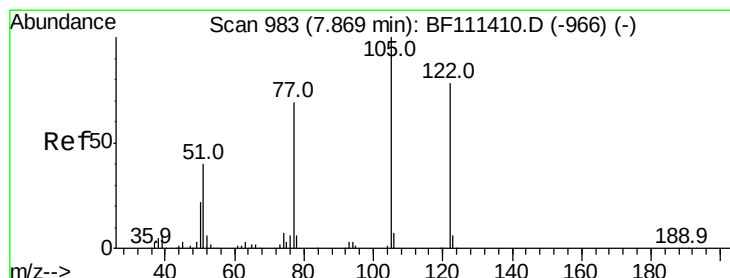
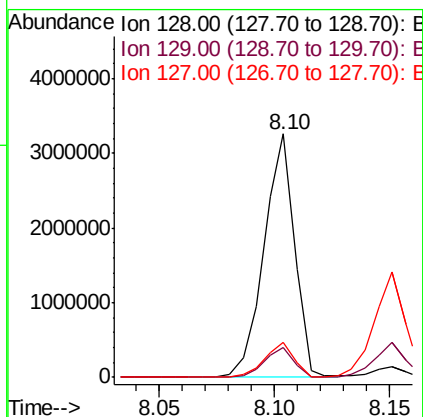
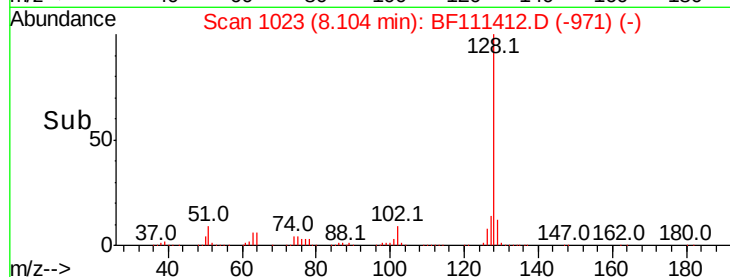
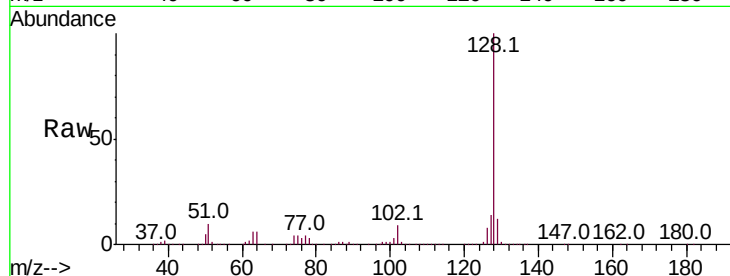




#31
Naphthalene
Concen: 55.957 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF111412.D
Acq: 14 Dec 2018 12:01

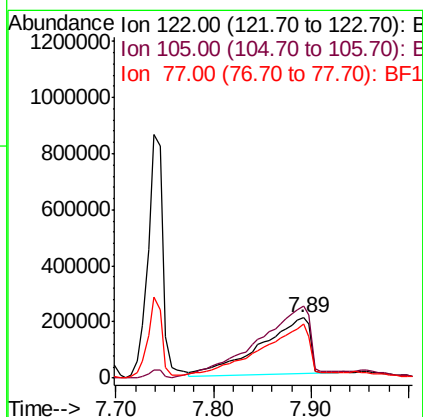
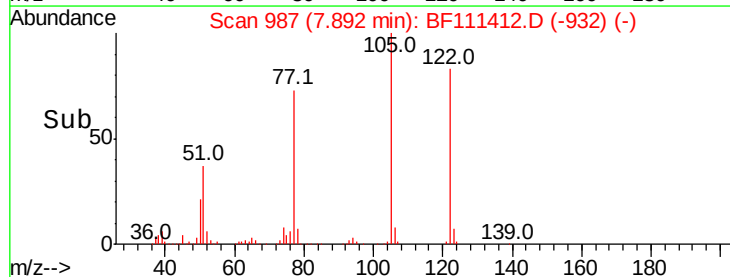
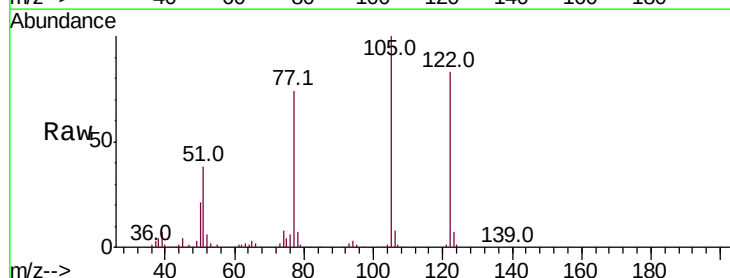
Instrument :
BNA_F
ClientSampleId :

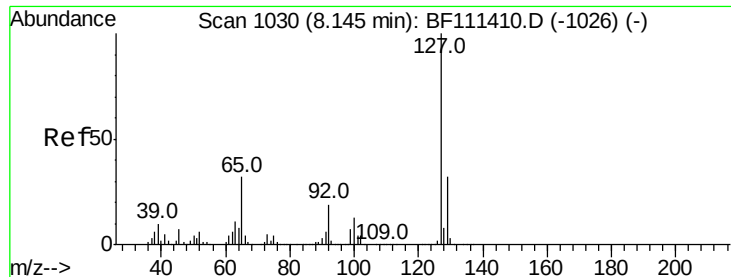
Tot Ion:128 Resp: 3005347
Ion Ratio Lower Upper
128 100
129 12.3 9.8 14.8
127 14.4 12.0 18.0



#32
Benzoic acid
Concen: 54.244 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.02 min
Lab File: BF111412.D
Acq: 14 Dec 2018 12:01

Tgt Ion:122 Resp: 708803
Ion Ratio Lower Upper
122 100
105 120.1 97.0 137.0
77 88.6 65.7 105.7

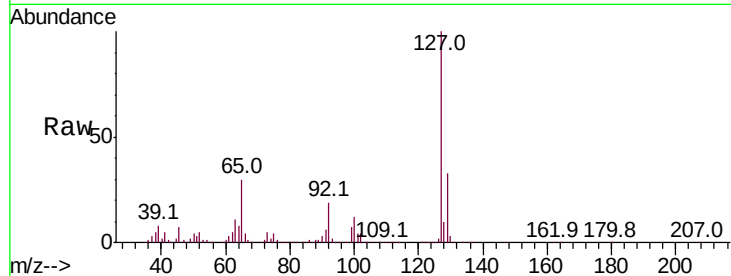




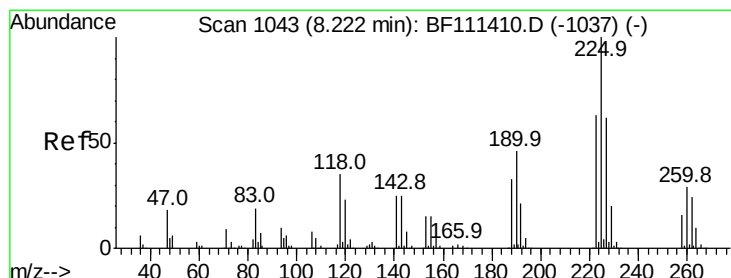
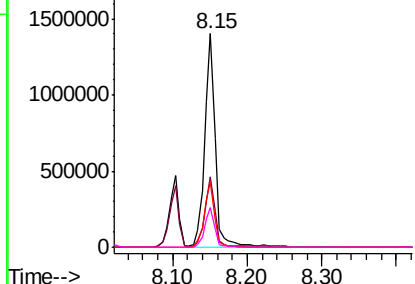
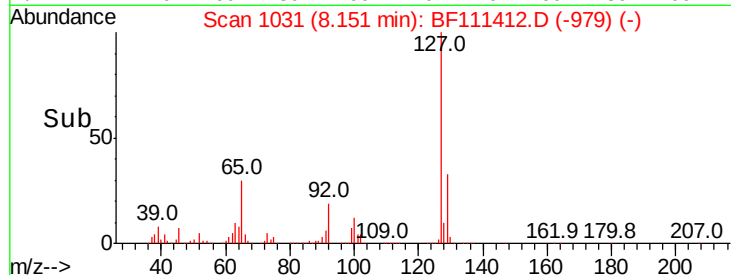
#33
4-Chloroaniline
Concen: 60.767 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BF111412.D
Acq: 14 Dec 2018 12:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 1393833
Ion Ratio Lower Upper
127 100
129 33.0 26.6 39.8
65 30.5 25.7 38.5
92 18.7 15.4 23.2

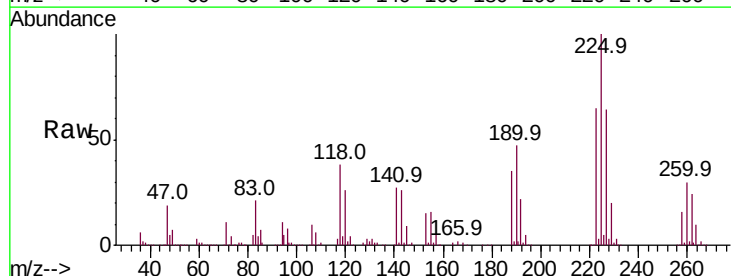


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

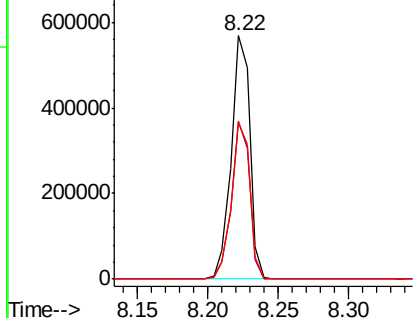
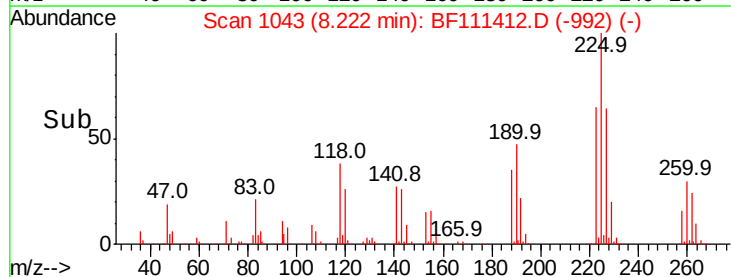


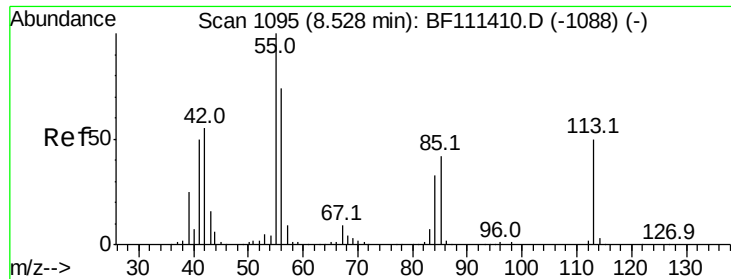
#34
Hexachlorobutadiene
Concen: 55.889 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF111412.D
Acq: 14 Dec 2018 12:01

Tgt Ion:225 Resp: 522373
Ion Ratio Lower Upper
225 100
223 64.7 50.7 76.1
227 64.2 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

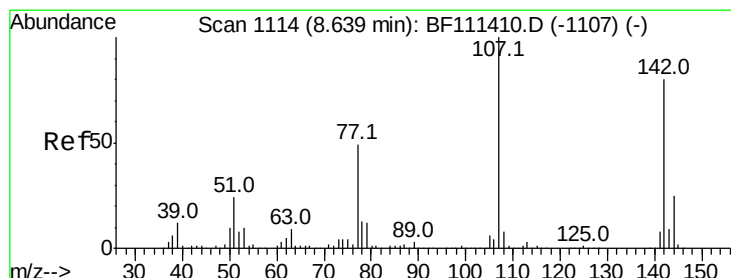
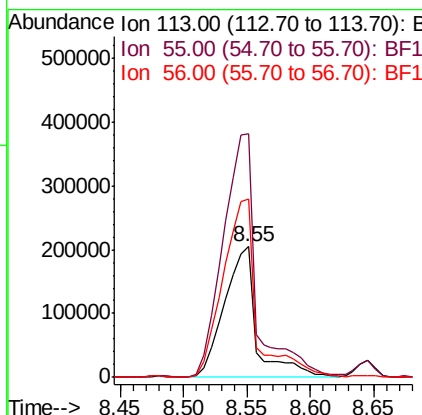
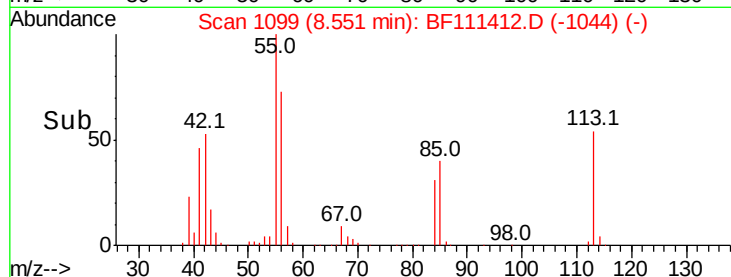
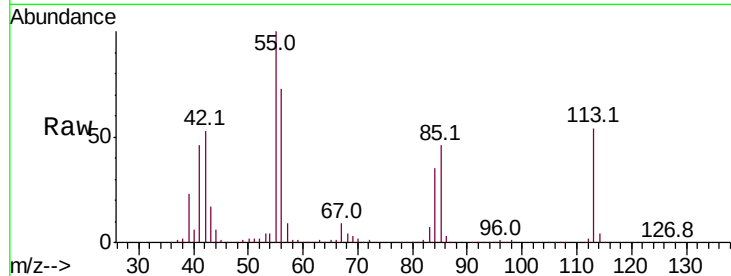




#35
 Caprolactam
 Concen: 63.288 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.02 min
 Lab File: BF111412.D
 Acq: 14 Dec 2018 12:01

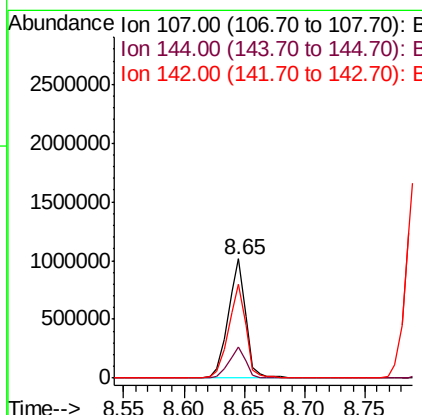
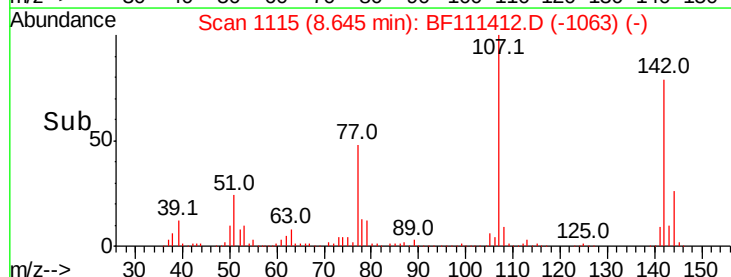
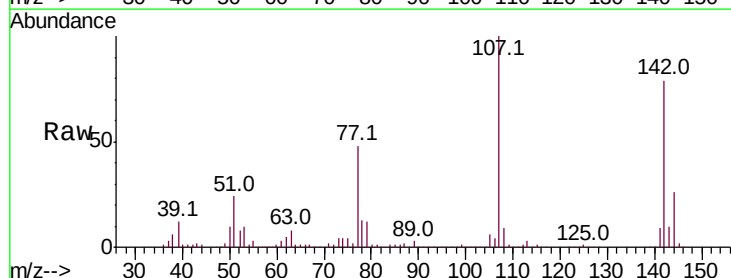
Instrument :
 BNA_F
 ClientSampleId :

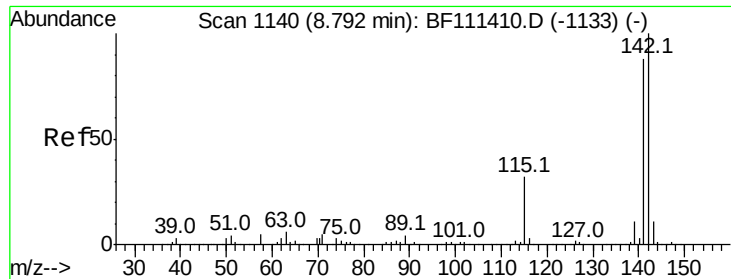
Tot Ion:113 Resp: 363627
 Ion Ratio Lower Upper
 113 100
 55 186.7 184.1 224.1
 56 136.5 126.0 166.0



#36
 4-Chloro-3-methylphenol
 Concen: 58.312 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: BF111412.D
 Acq: 14 Dec 2018 12:01

Tgt Ion:107 Resp: 1018898
 Ion Ratio Lower Upper
 107 100
 144 25.8 19.8 29.6
 142 78.6 62.3 93.5

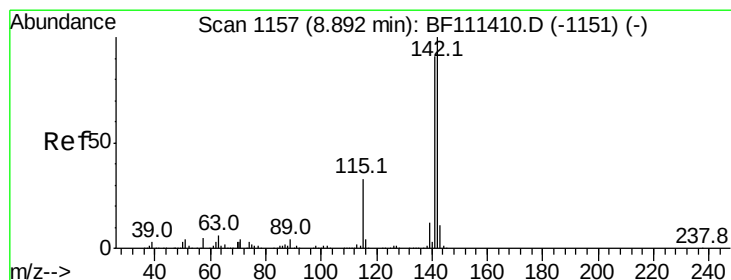
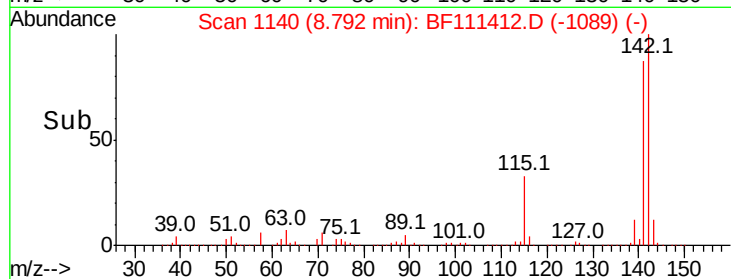
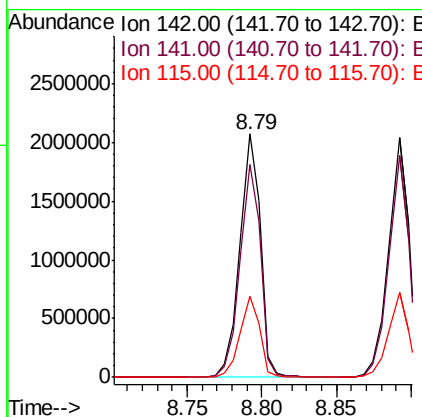
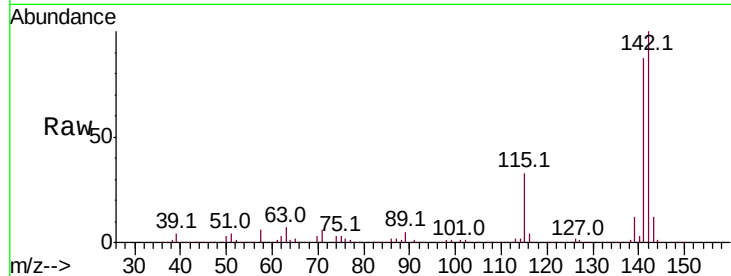




#37
2-Methylnaphthalene
Concen: 57.271 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF111412.D
Acq: 14 Dec 2018 12:01

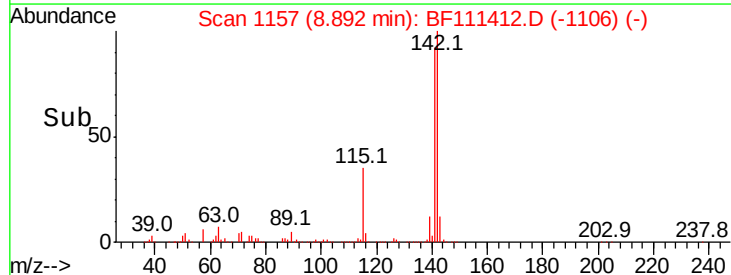
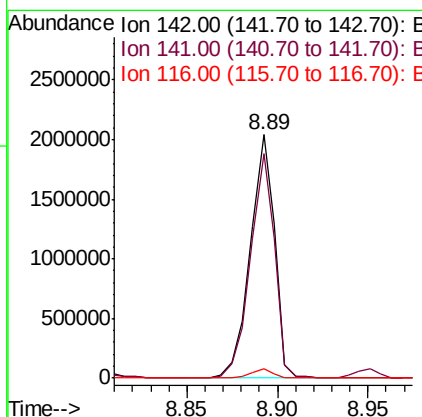
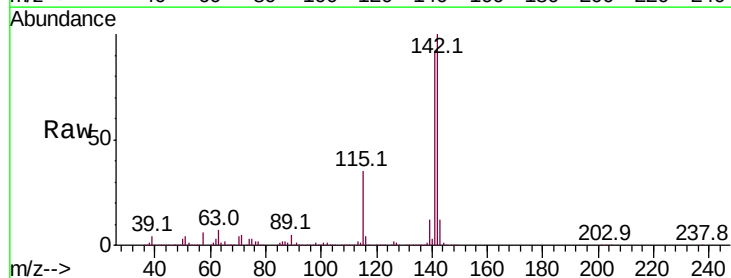
Instrument :
BNA_F
ClientSampleId :

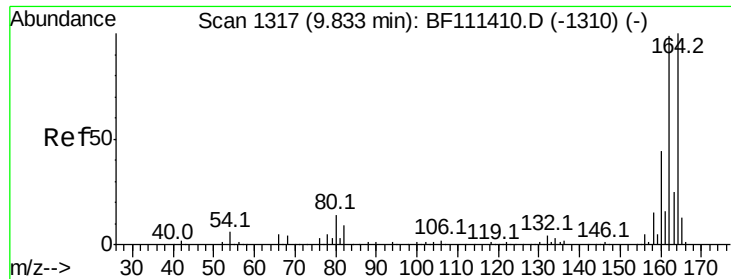
Tot Ion:142 Resp: 1988356
Ion Ratio Lower Upper
142 100
141 87.4 70.6 105.8
115 33.4 27.0 40.6



#38
1-Methylnaphthalene
Concen: 56.367 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF111412.D
Acq: 14 Dec 2018 12:01

Tgt Ion:142 Resp: 1888775
Ion Ratio Lower Upper
142 100
141 92.4 74.2 111.4
116 3.8 2.9 4.3

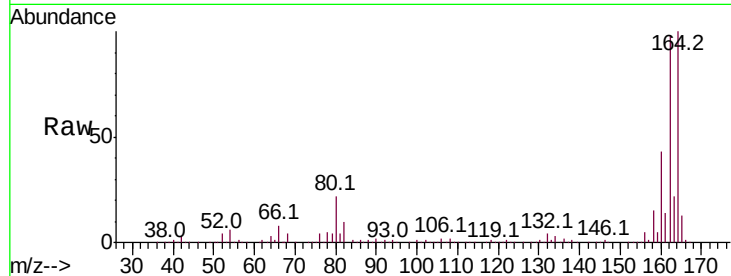




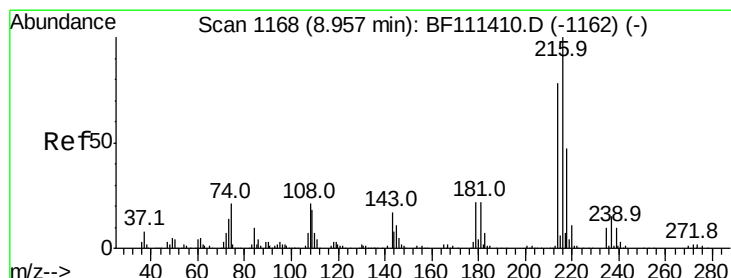
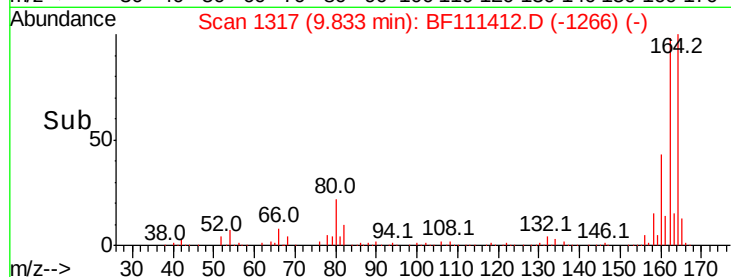
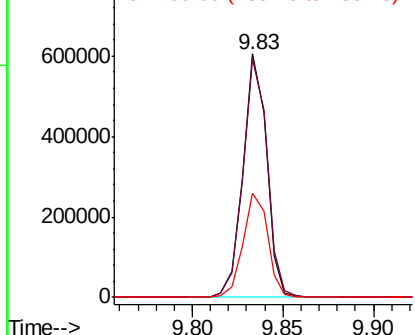
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF111412.D
Acq: 14 Dec 2018 12:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 548572
Ion Ratio Lower Upper
164 100
162 97.8 81.4 122.0
160 43.0 35.7 53.5

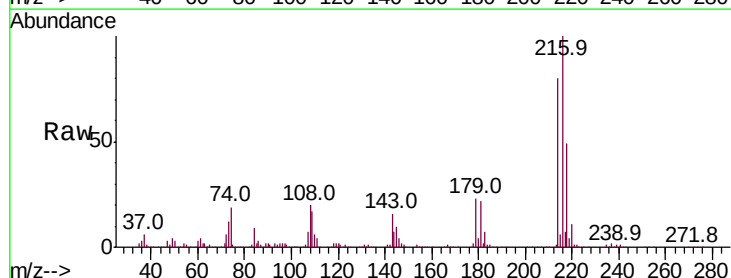


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

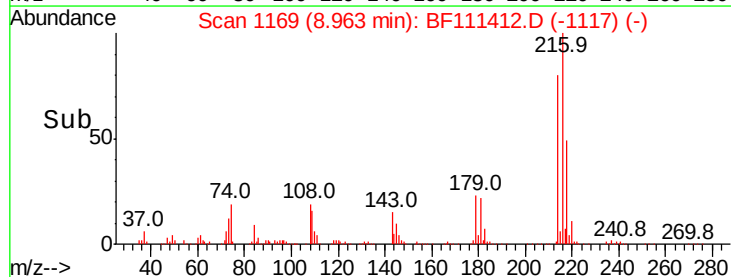
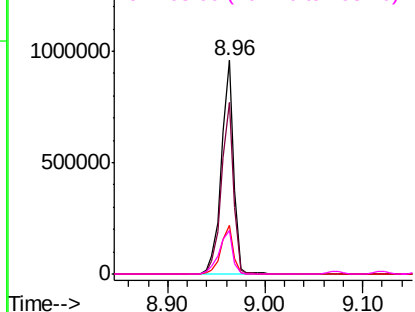


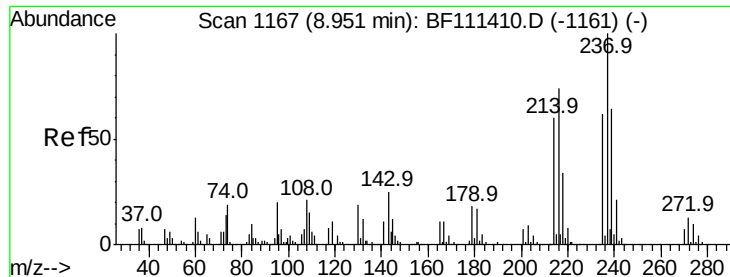
#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.834 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BF111412.D
Acq: 14 Dec 2018 12:01

Tgt Ion:216 Resp: 830104
Ion Ratio Lower Upper
216 100
214 80.5 63.8 95.8
179 22.8 17.9 26.9
108 22.6 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

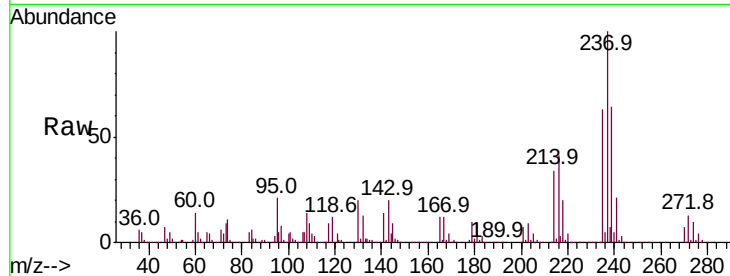




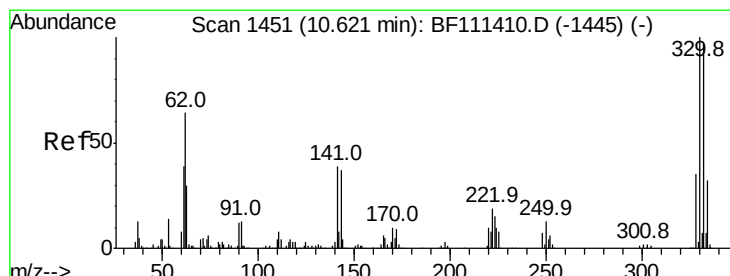
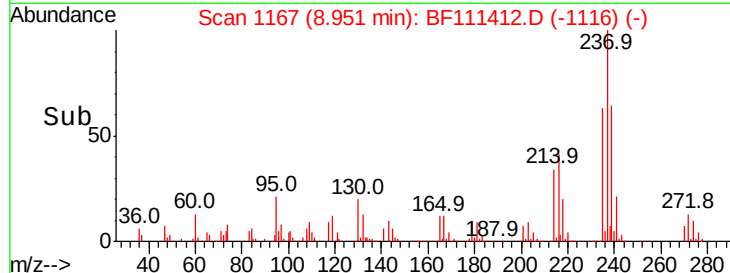
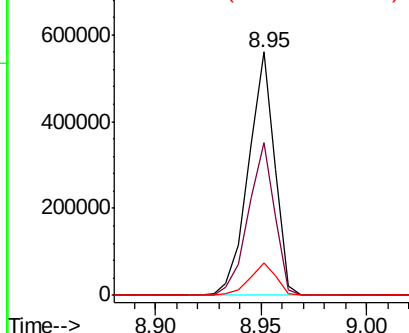
#41
 Hexachlorocyclopentadiene
 Concen: 60.027 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF111412.D
 Acq: 14 Dec 2018 12:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	237	Resp:	483327
Ion Ratio	Lower	Upper	
237	100		
235	62.7	43.1	83.1
272	13.1	0.0	33.0

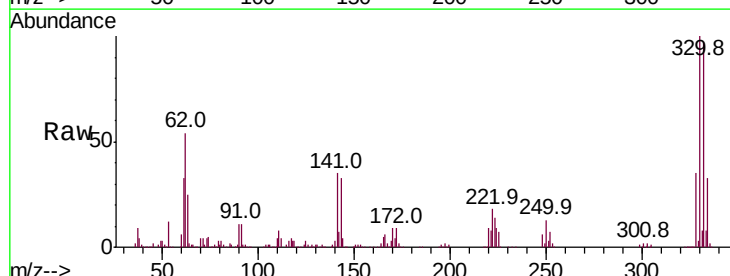


Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

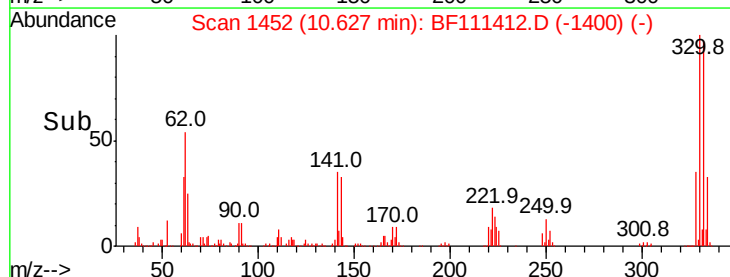
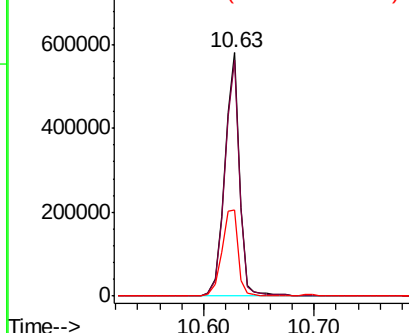


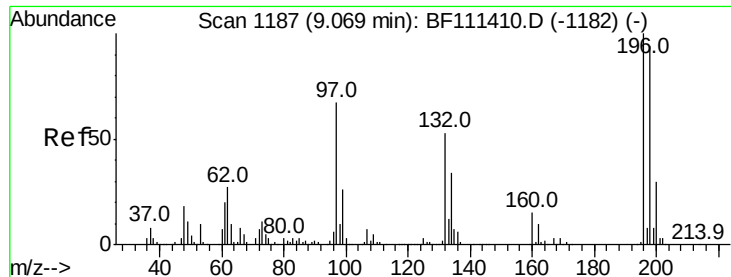
#42
 2,4,6-Tribromophenol
 Concen: 112.498 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF111412.D
 Acq: 14 Dec 2018 12:01

Tgt Ion:	330	Resp:	544010
Ion Ratio	Lower	Upper	
330	100		
332	97.0	76.0	114.0
141	39.2	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

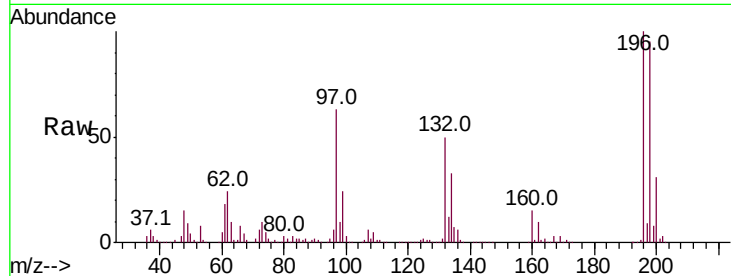




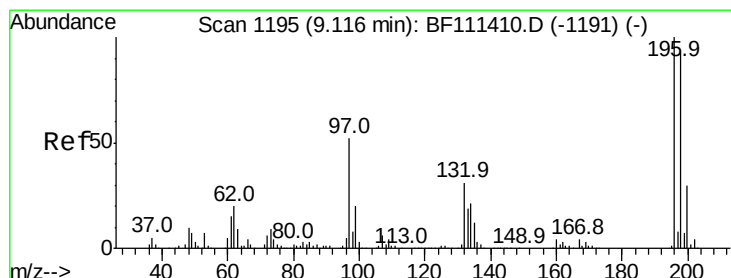
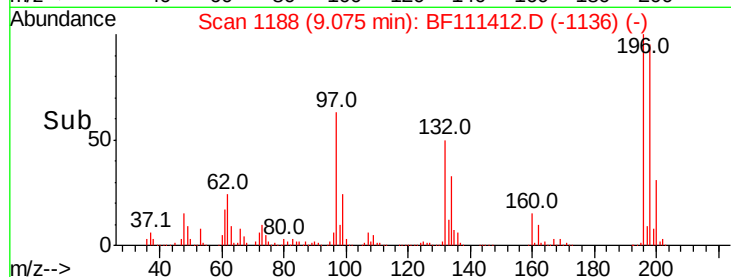
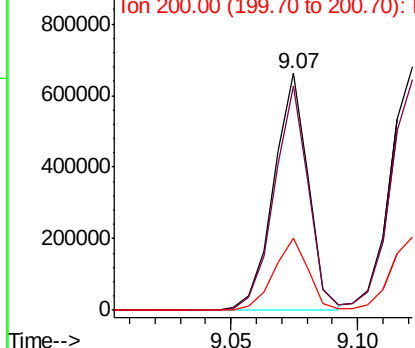
#43
 2,4,6-Trichlorophenol
 Concen: 56.789 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF111412.D
 Acq: 14 Dec 2018 12:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 626769
 Ion Ratio Lower Upper
 196 100
 198 94.9 76.3 114.5
 200 30.5 24.9 37.3

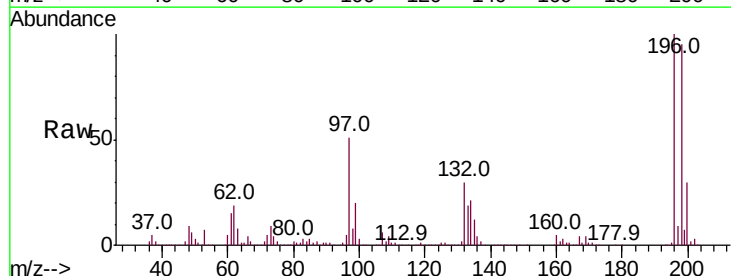


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

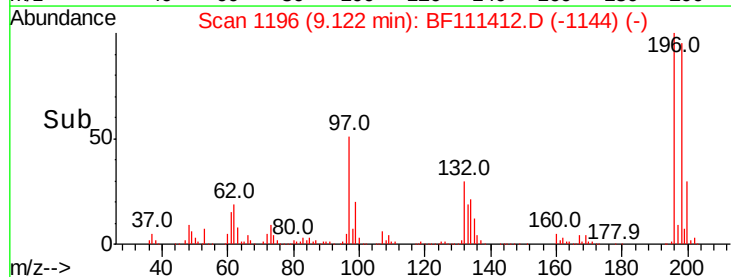
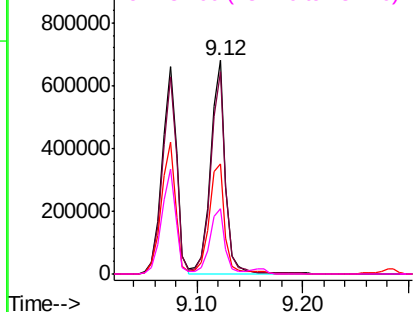


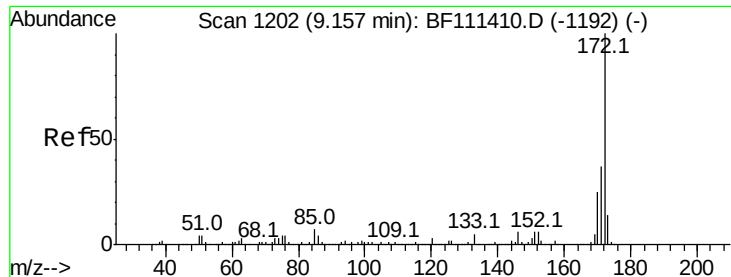
#44
 2,4,5-Trichlorophenol
 Concen: 57.424 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BF111412.D
 Acq: 14 Dec 2018 12:01

Tgt Ion:196 Resp: 669798
 Ion Ratio Lower Upper
 196 100
 198 94.6 72.9 109.3
 97 51.3 45.3 67.9
 132 30.5 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

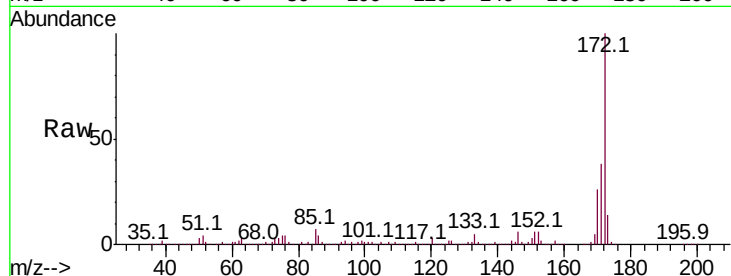




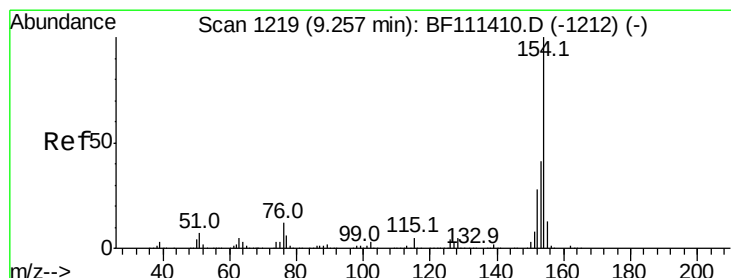
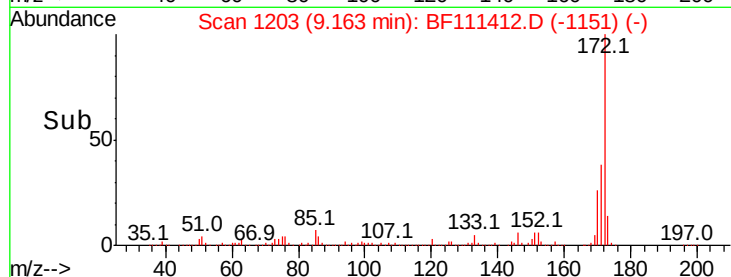
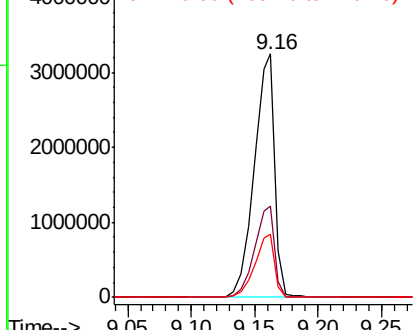
#45
2-Fluorobiphenyl
Concen: 107.239 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BF111412.D
Acq: 14 Dec 2018 12:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 3664206
Ion Ratio Lower Upper
172 100
171 37.8 33.0 49.4
170 25.7 22.3 33.5

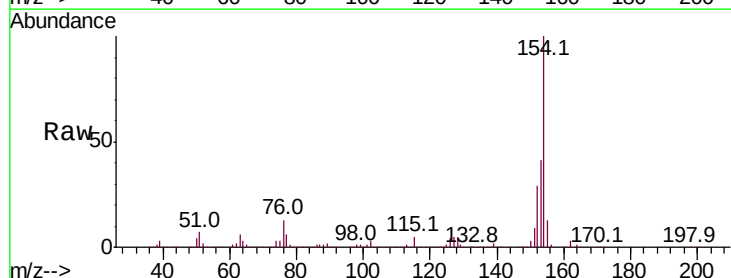


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

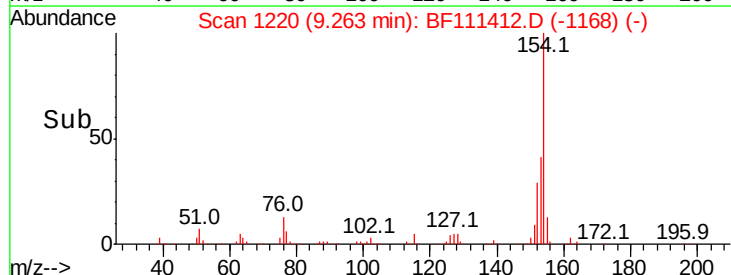
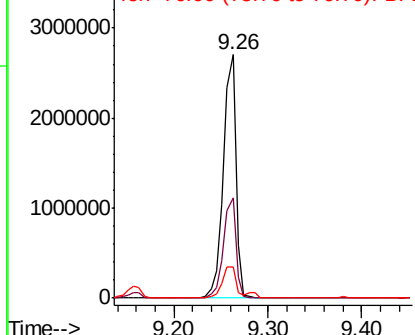


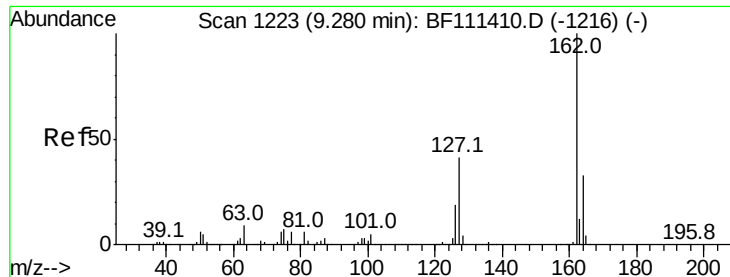
#46
1,1'-Biphenyl
Concen: 54.318 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111412.D
Acq: 14 Dec 2018 12:01

Tgt Ion:154 Resp: 2542370
Ion Ratio Lower Upper
154 100
153 41.4 23.7 63.7
76 12.9 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

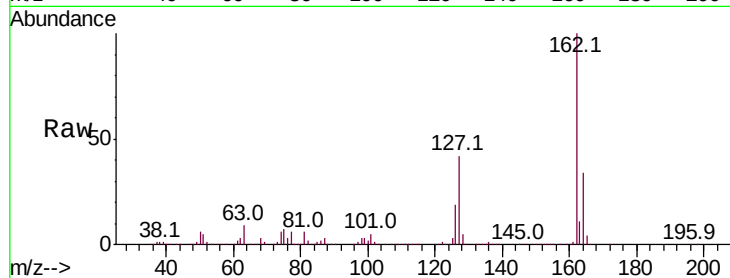




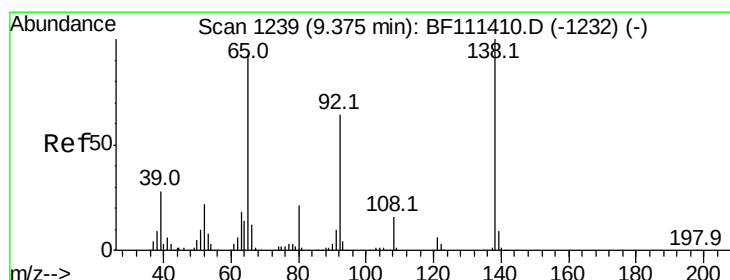
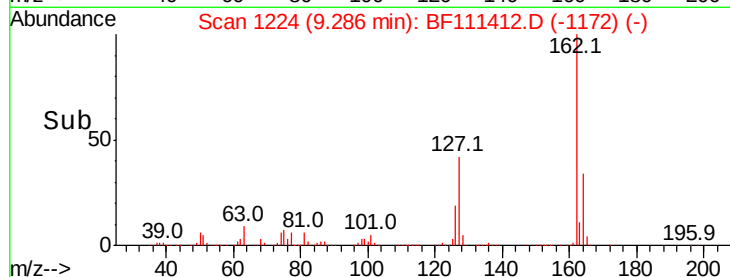
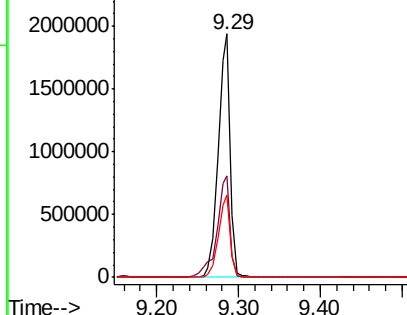
#47
 2-Chloronaphthalene
 Concen: 55.161 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.01 min
 Lab File: BF111412.D
 Acq: 14 Dec 2018 12:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1977253
 Ion Ratio Lower Upper
 162 100
 127 41.7 35.0 52.4
 164 34.0 28.4 42.6

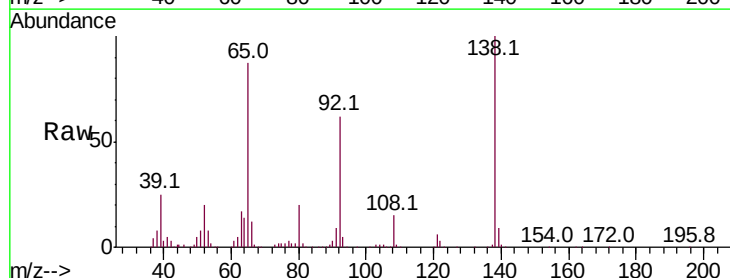


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

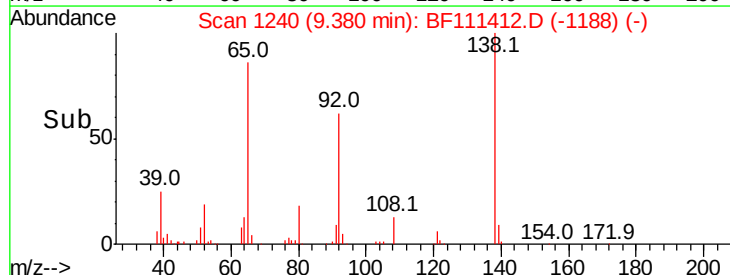
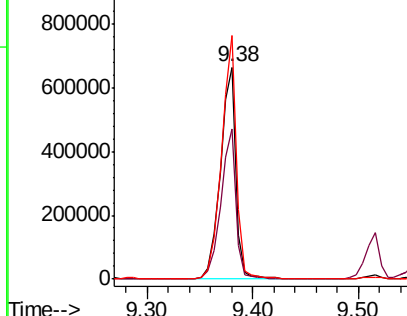


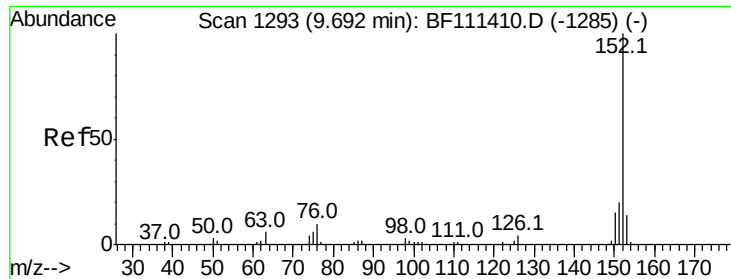
#48
 2-Nitroaniline
 Concen: 59.149 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: BF111412.D
 Acq: 14 Dec 2018 12:01

Tgt Ion: 65 Resp: 688973
 Ion Ratio Lower Upper
 65 100
 92 70.8 53.5 80.3
 138 115.0 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: 55.859 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

Instrument :

BNA_F

ClientSampleId :

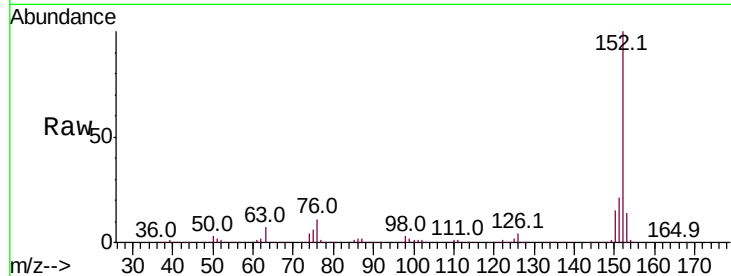
Tot Ion:152 Resp: 2925313

Ion Ratio Lower Upper

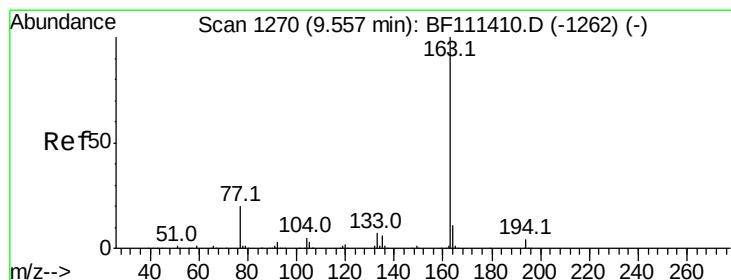
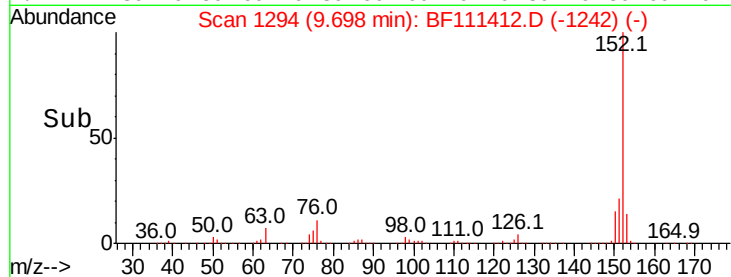
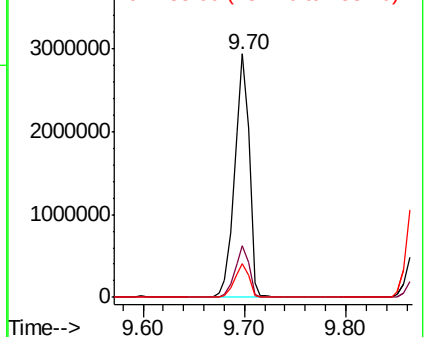
152 100

151 21.3 18.0 27.0

153 13.9 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: 57.596 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

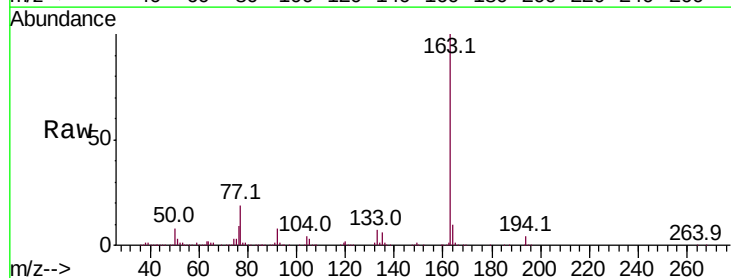
Tgt Ion:163 Resp: 2272075

Ion Ratio Lower Upper

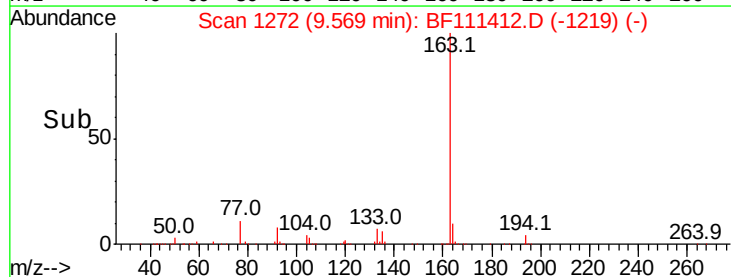
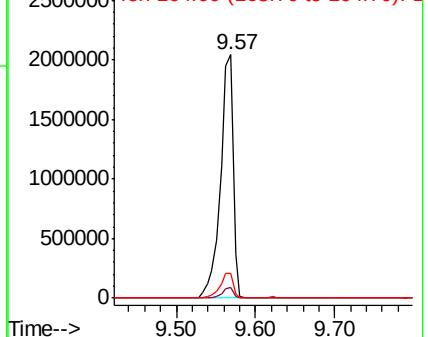
163 100

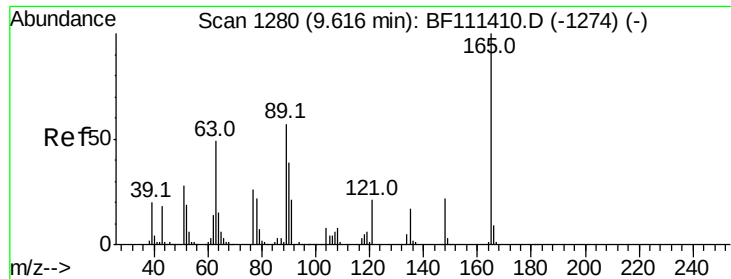
194 4.1 3.0 4.6

164 10.2 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: 60.749 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

Instrument :

BNA_F

ClientSampleId :

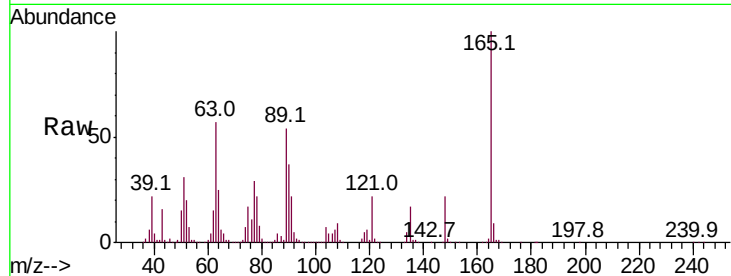
Tot Ion:165 Resp: 531208

Ion Ratio Lower Upper

165 100

63 56.6 40.5 60.7

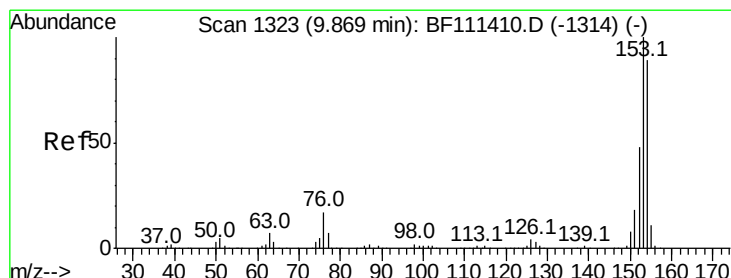
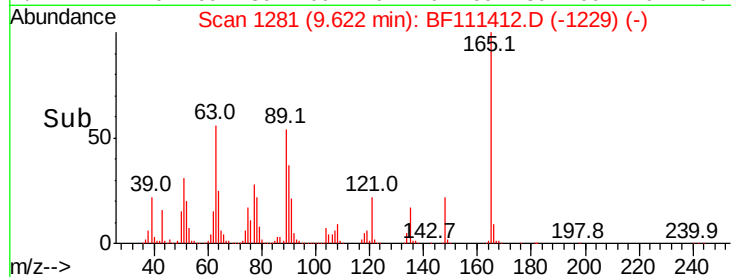
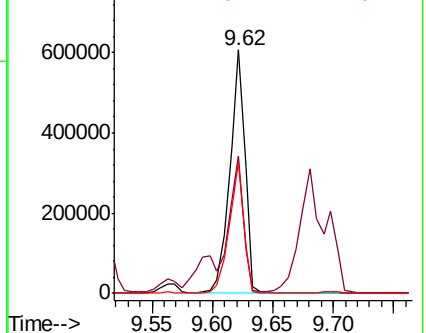
89 54.0 40.0 60.0



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: 56.568 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

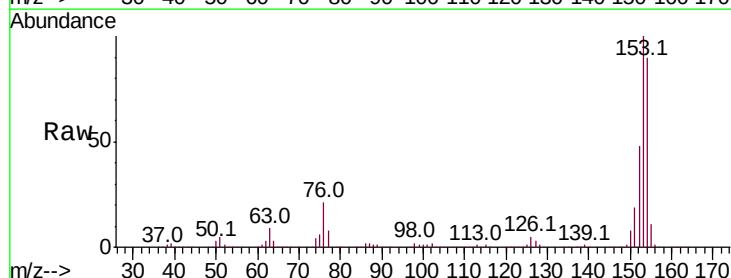
Tgt Ion:154 Resp: 1868517

Ion Ratio Lower Upper

154 100

153 110.9 87.8 131.8

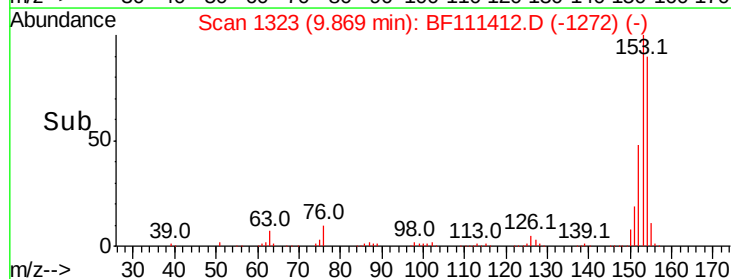
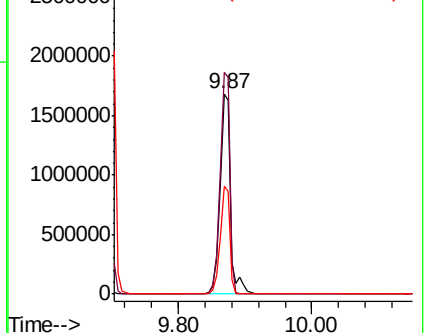
152 53.5 43.4 65.2

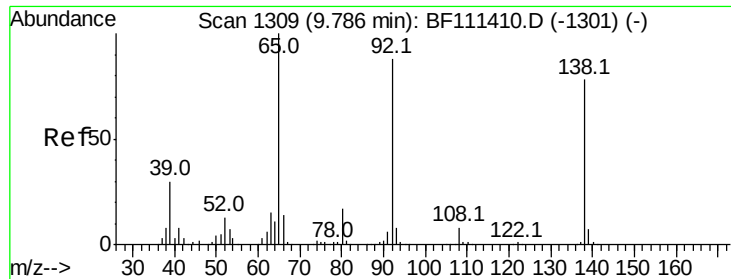


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

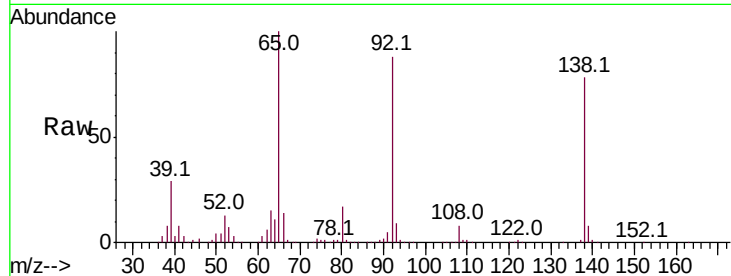




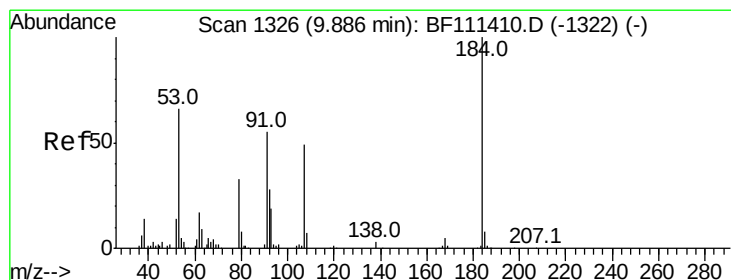
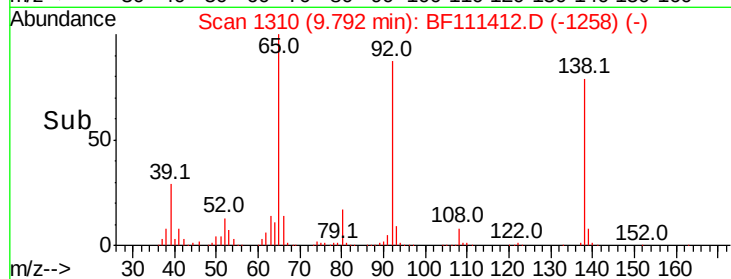
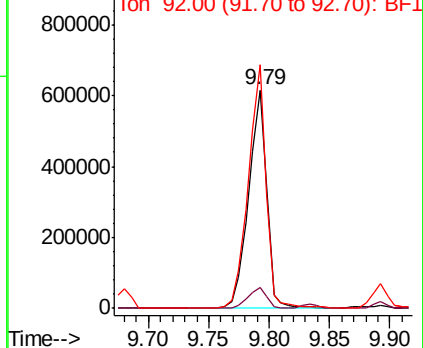
#53
3-Nitroaniline
Concen: 61.932 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF111412.D
Acq: 14 Dec 2018 12:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 650925
Ion Ratio Lower Upper
138 100
108 9.8 8.2 12.4
92 111.5 93.4 140.2

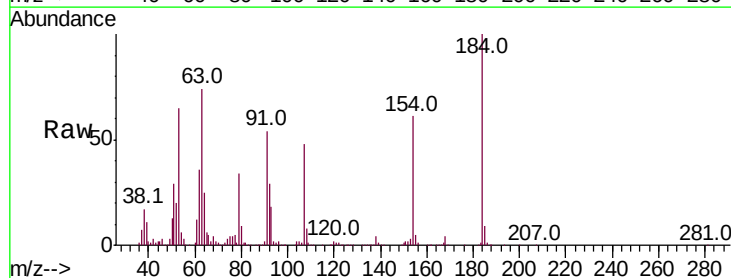


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

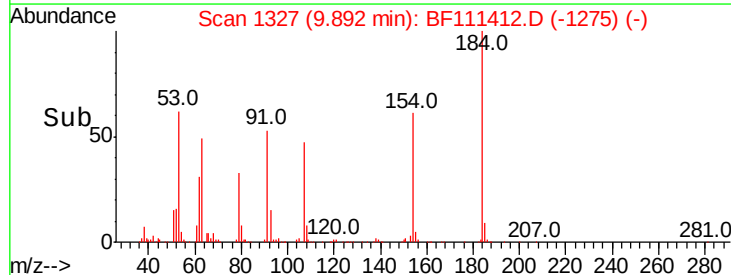
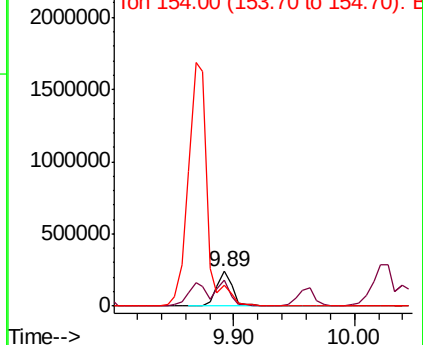


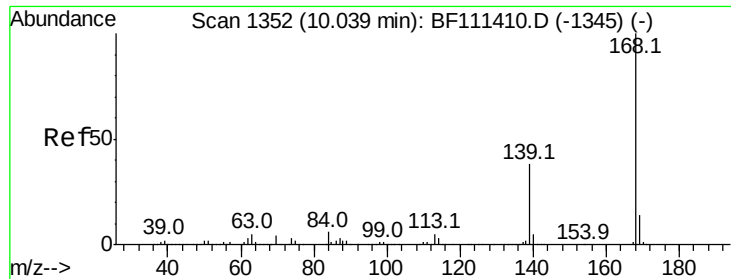
#54
2,4-Dinitrophenol
Concen: 65.011 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111412.D
Acq: 14 Dec 2018 12:01

Tgt Ion:184 Resp: 223028
Ion Ratio Lower Upper
184 100
63 74.2 62.3 93.5
154 61.1 56.2 84.2



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

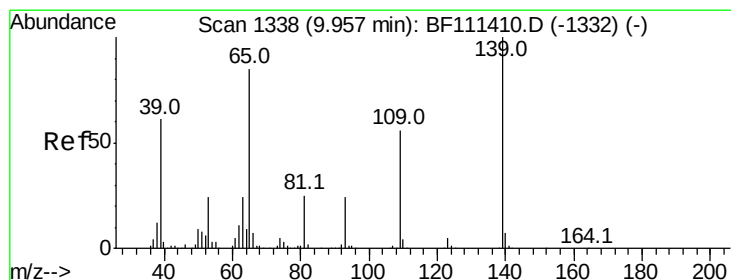
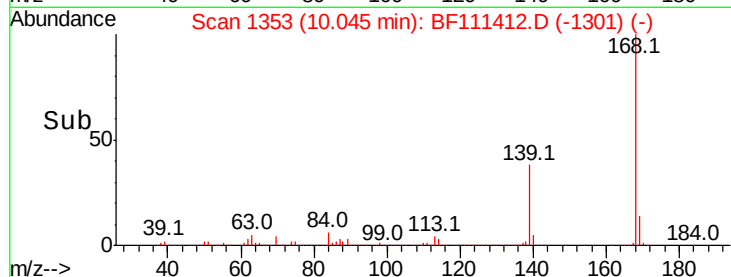
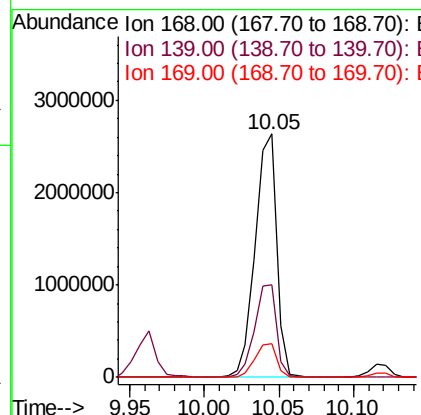
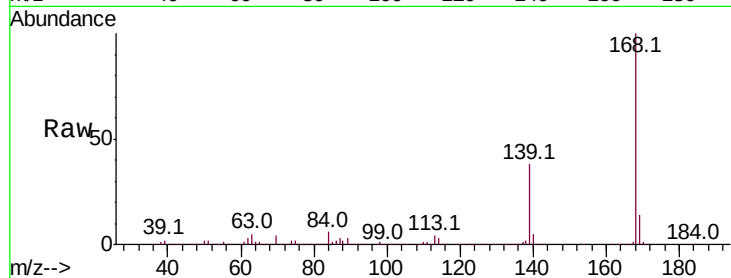




#55
Dibenzofuran
Concen: 55.103 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF111412.D
Acq: 14 Dec 2018 12:01

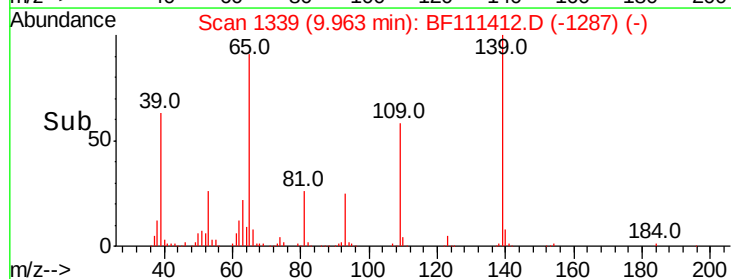
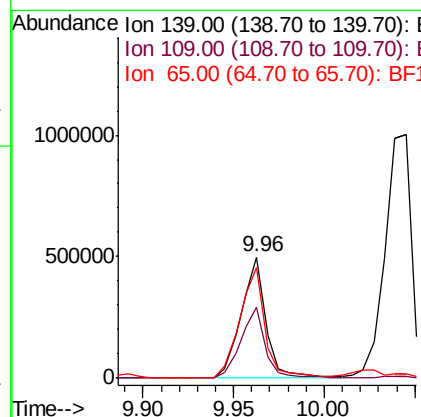
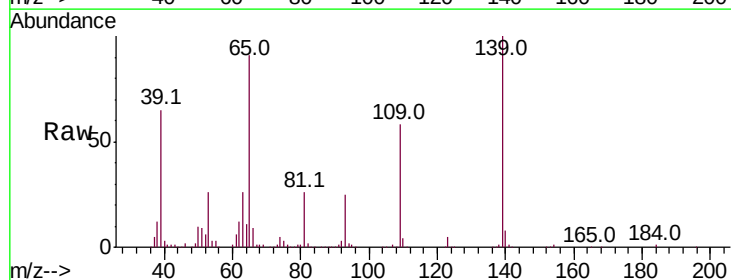
Instrument :
BNA_F
ClientSampleId :

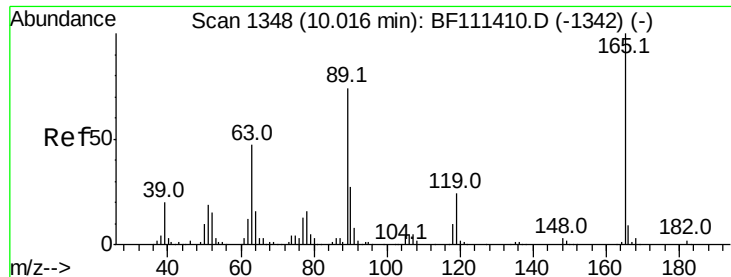
Tot Ion:168 Resp: 2627589
Ion Ratio Lower Upper
168 100
139 38.0 32.6 49.0
169 13.8 11.8 17.6



#56
4-Nitrophenol
Concen: 62.894 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF111412.D
Acq: 14 Dec 2018 12:01

Tgt Ion:139 Resp: 476043
Ion Ratio Lower Upper
139 100
109 58.0 41.8 81.8
65 91.5 79.6 119.6

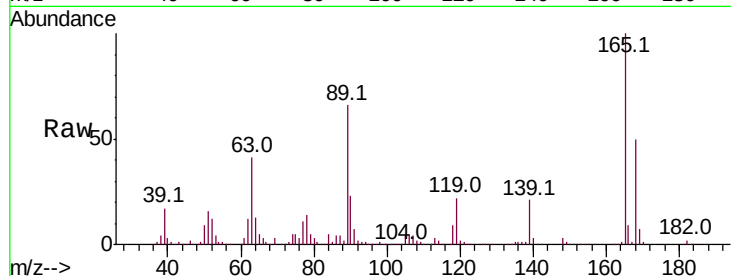




#57
2,4-Dinitrotoluene
Concen: 61.425 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF111412.D
Acq: 14 Dec 2018 12:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.8	34.6	52.0
89	66.2	56.2	84.4
182	2.5	1.8	2.6



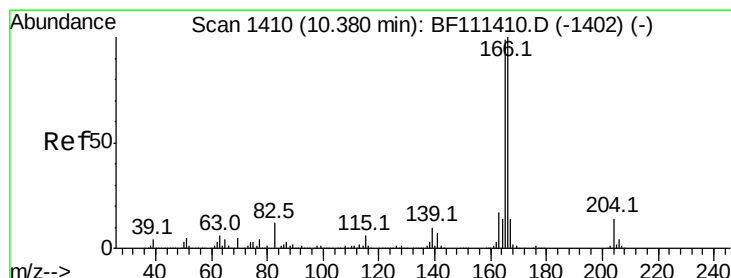
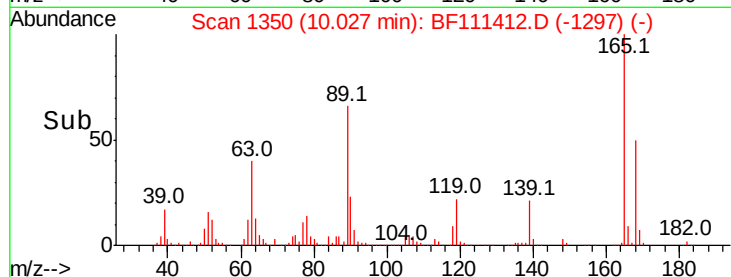
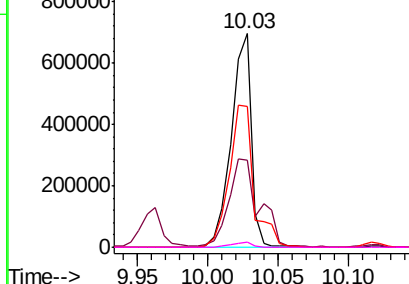
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

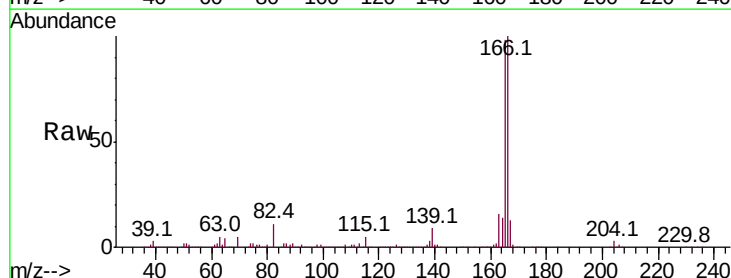
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 54.091 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF111412.D
Acq: 14 Dec 2018 12:01

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.4	117.6
167	13.1	11.2	16.8

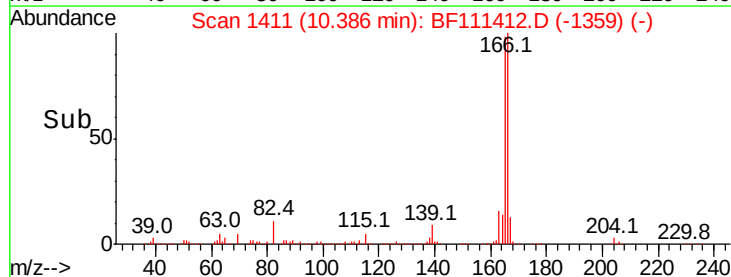
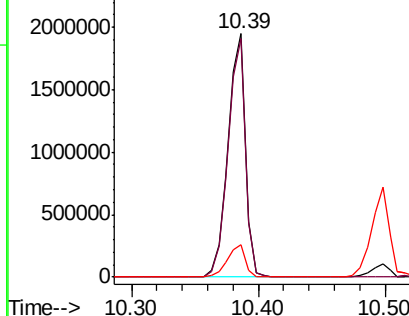


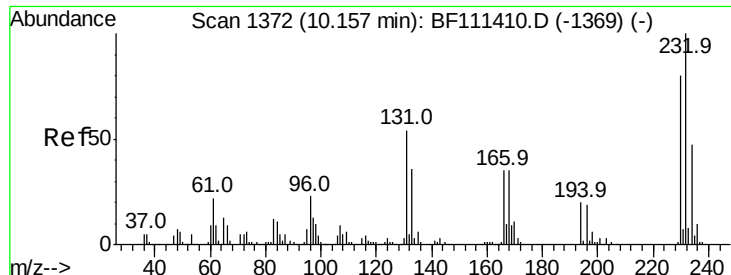
Abundance

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

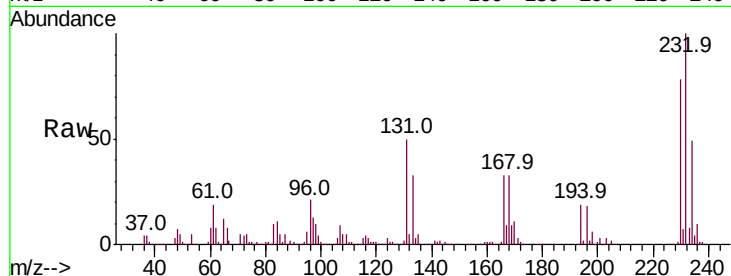




#59
2,3,4,6-Tetrachlorophenol
Concen: 56.776 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BF111412.D
Acq: 14 Dec 2018 12:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	50.6	40.9	61.3
130	2.4	2.0	3.0
166	32.6	26.8	40.2



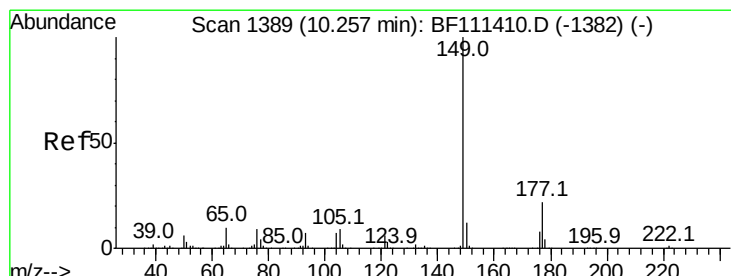
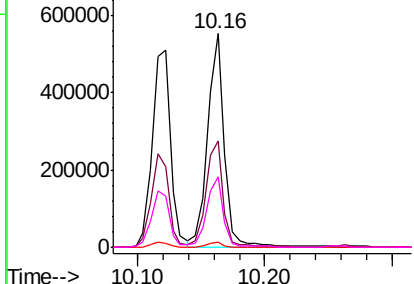
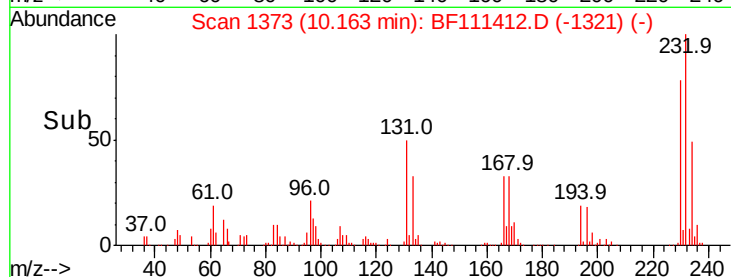
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

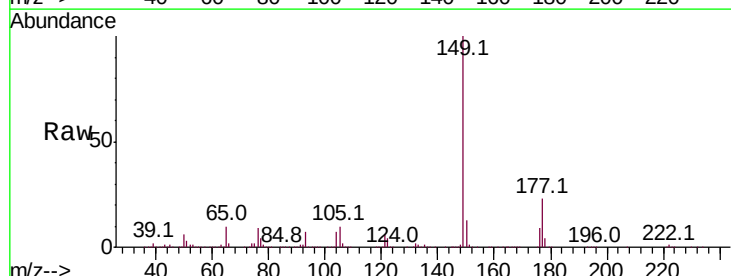
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 55.250 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF111412.D
Acq: 14 Dec 2018 12:01

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.3	27.5
150	12.9	10.6	15.8

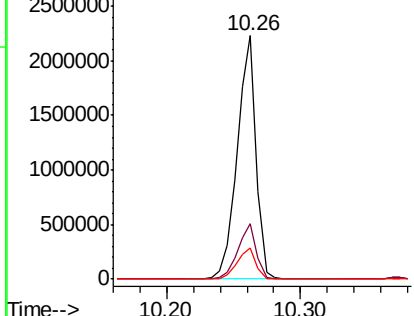
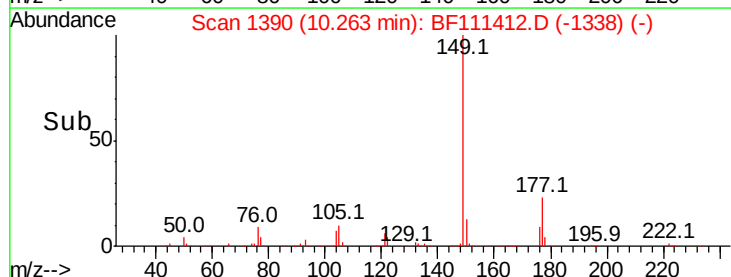


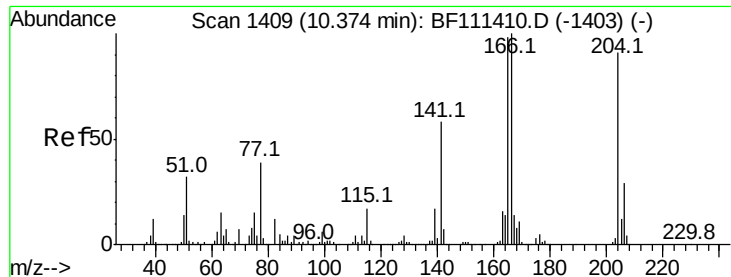
Abundance

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

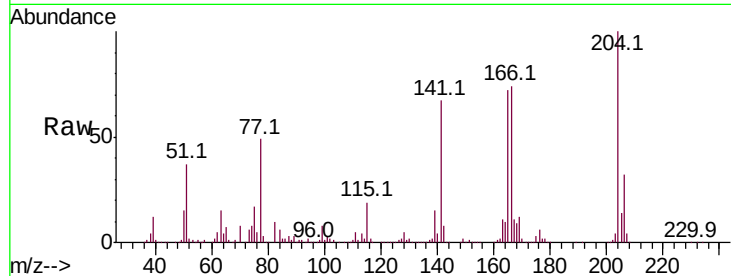




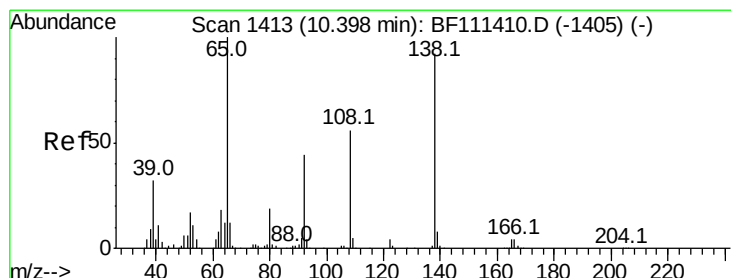
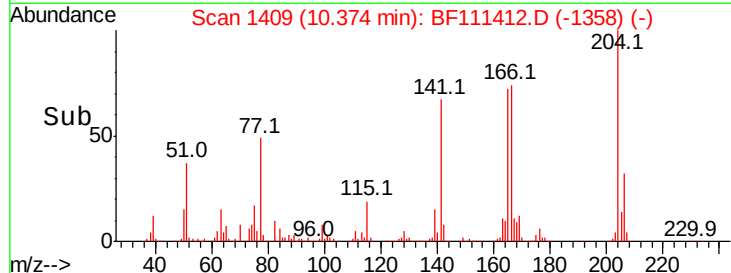
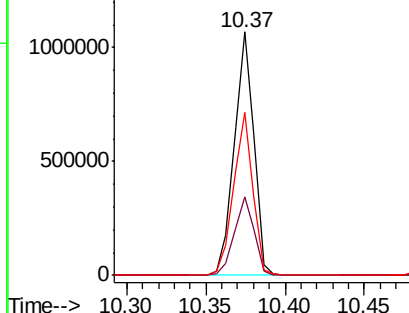
#61
 4-Chlorophenyl-phenylether
 Concen: 54.308 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. 0.00 min
 Lab File: BF111412.D
 Acq: 14 Dec 2018 12:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	204	Resp:	918390
Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.6	39.8
141	66.9	52.6	78.8

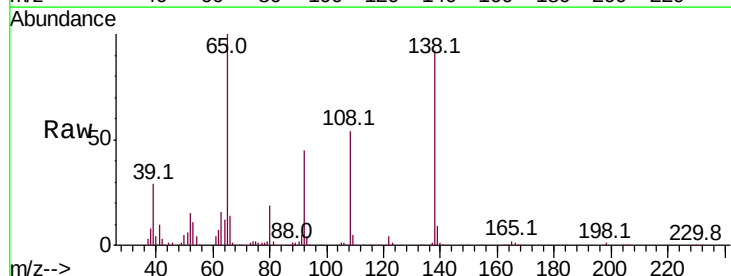


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

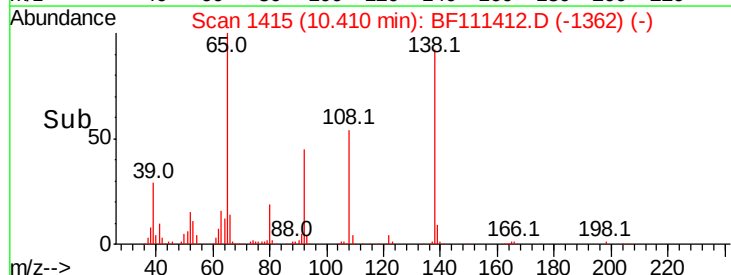
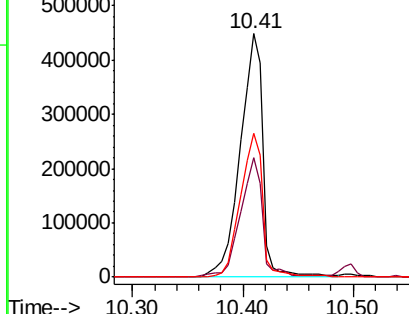


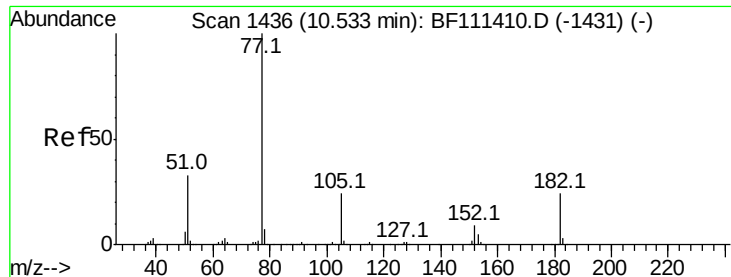
#62
 4-Nitroaniline
 Concen: 64.076 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. 0.01 min
 Lab File: BF111412.D
 Acq: 14 Dec 2018 12:01

Tgt Ion:	138	Resp:	647329
Ion	Ratio	Lower	Upper
138	100		
92	49.1	29.9	69.9
108	58.8	43.2	83.2



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





#63

Azobenzene

Concen: 55.797 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.01 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 2234271

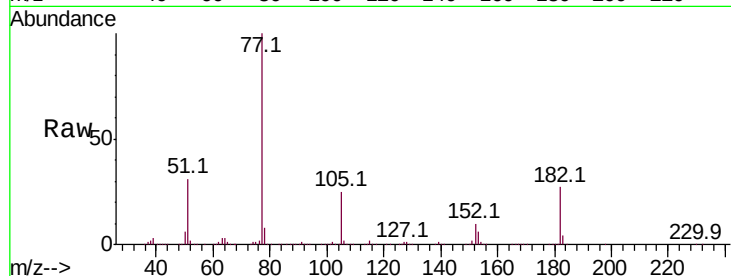
Ion	Ratio	Lower	Upper
77	100		
182	26.6	4.9	44.9
105	25.0	6.0	46.0
51	31.4	14.7	54.7

77 100

182 26.6 4.9 44.9

105 25.0 6.0 46.0

51 31.4 14.7 54.7

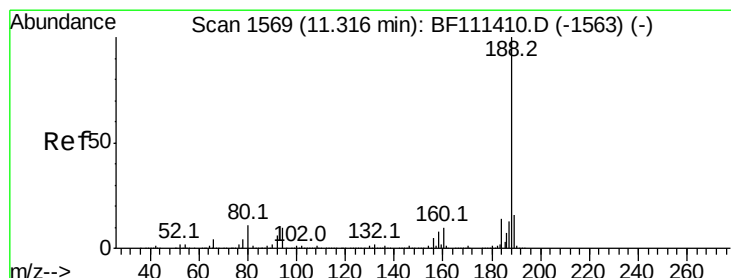
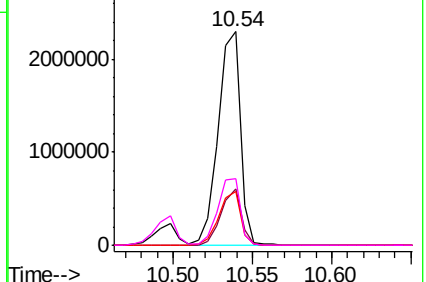
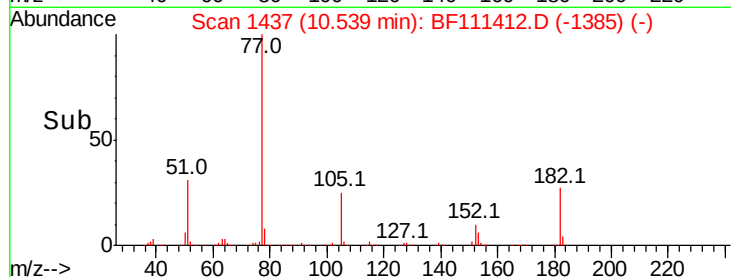


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

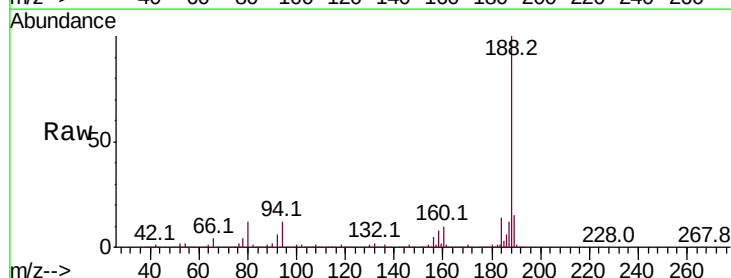
Tgt Ion: 188 Resp: 962058

Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.6	14.4
80	11.7	9.8	14.6

188 100

94 11.7 9.6 14.4

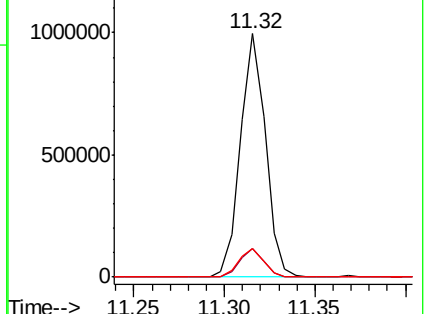
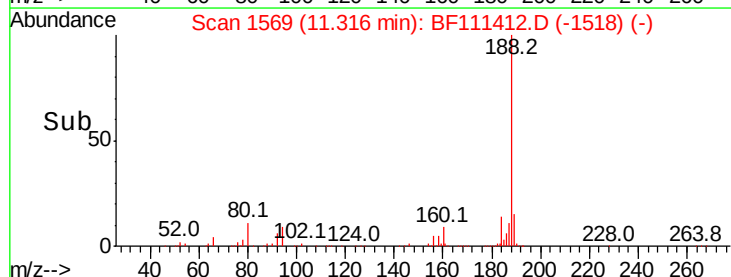
80 11.7 9.8 14.6

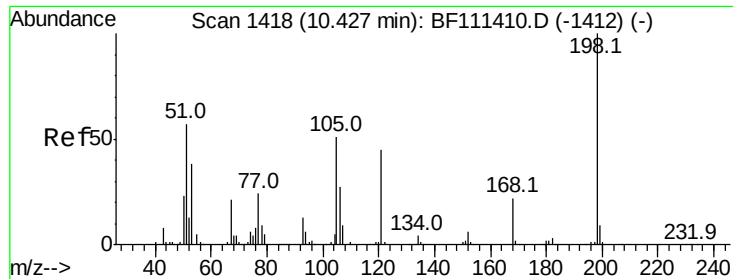


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 61.389 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.01 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

Instrument :

BNA_F

ClientSampleId :

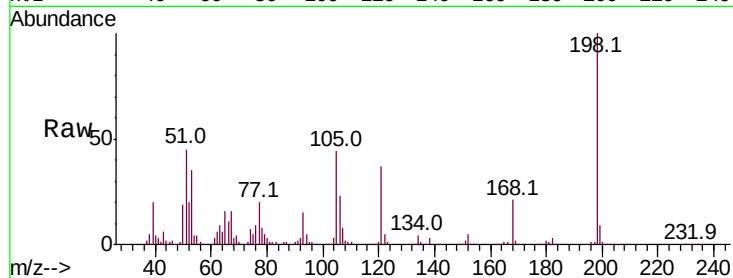
Tot Ion:198 Resp: 339066

Ion Ratio Lower Upper

198 100

51 44.9 48.0 88.0#

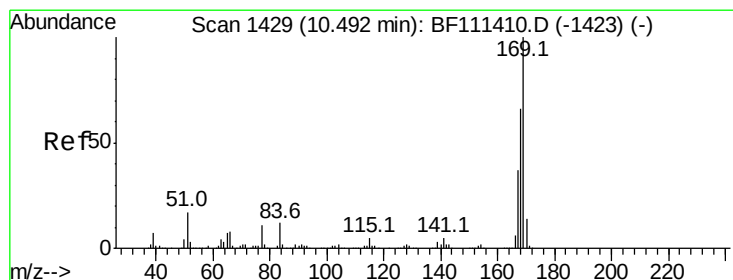
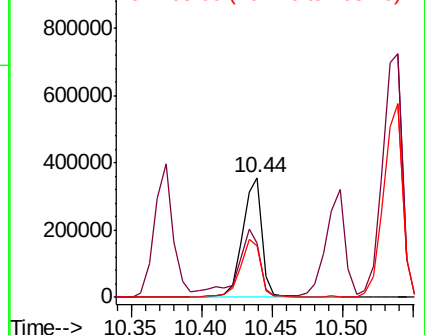
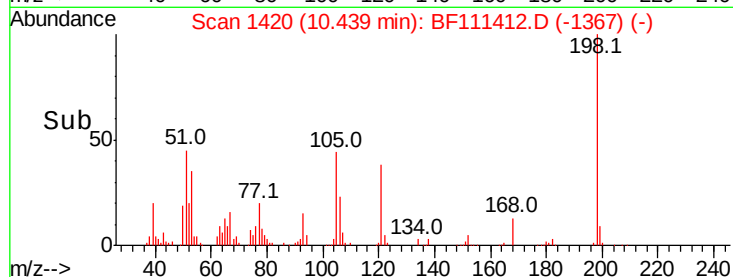
105 43.6 34.0 74.0



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: 54.023 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

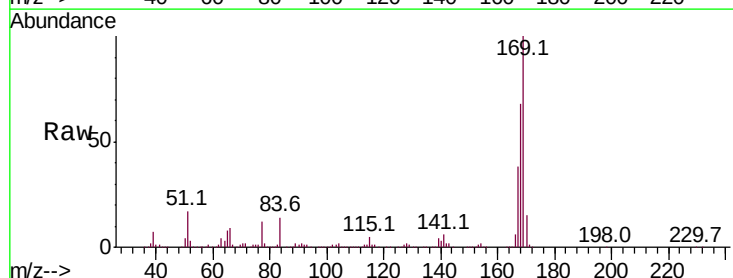
Tgt Ion:169 Resp: 1848790

Ion Ratio Lower Upper

169 100

168 67.8 54.4 81.6

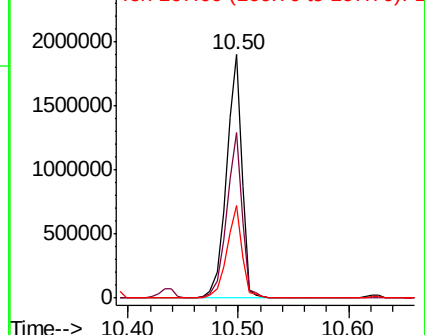
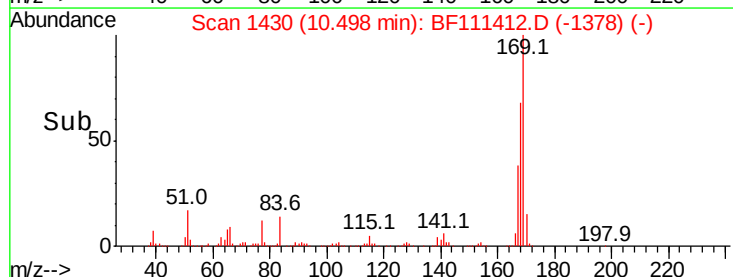
167 37.9 30.5 45.7

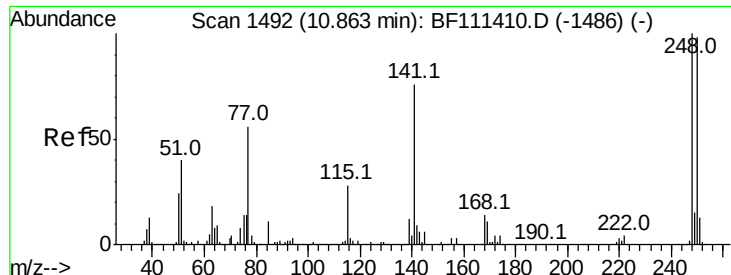


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

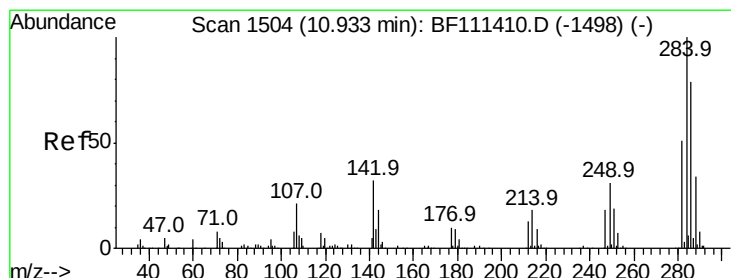
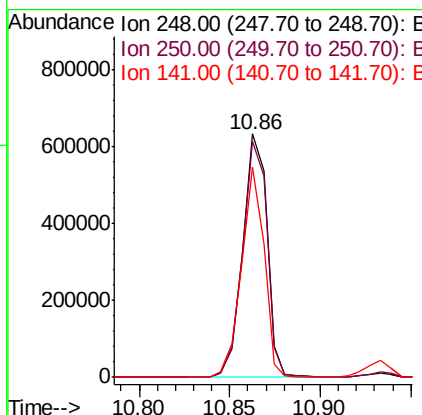
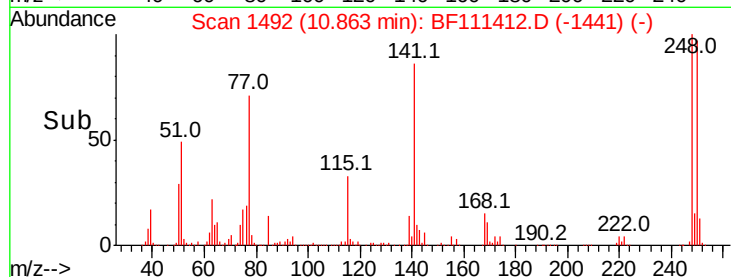
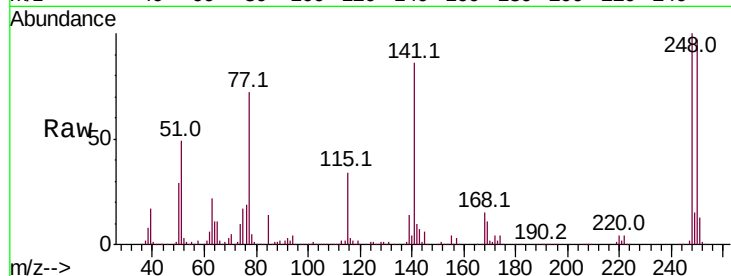




#67
 4-Bromophenyl-phenylether
 Concen: 55.278 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF111412.D
 Acq: 14 Dec 2018 12:01

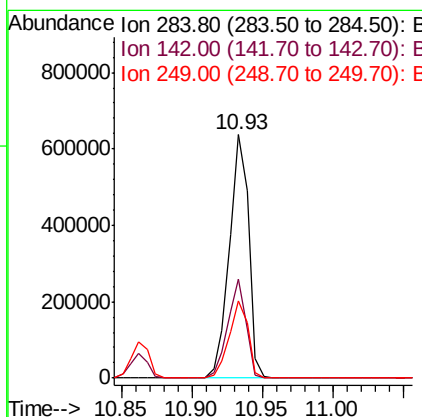
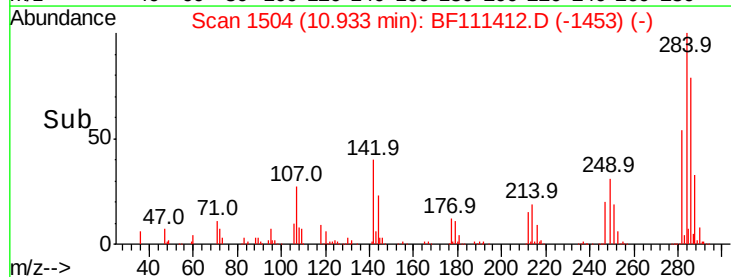
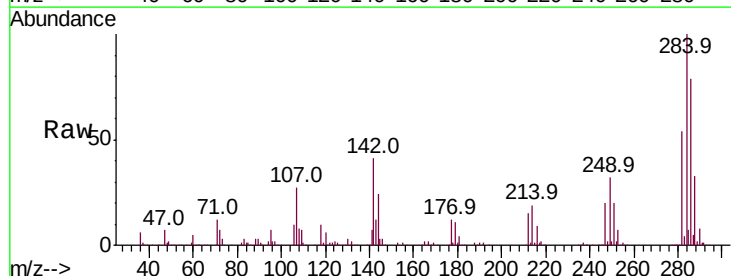
Instrument :
 BNA_F
 ClientSampleId :

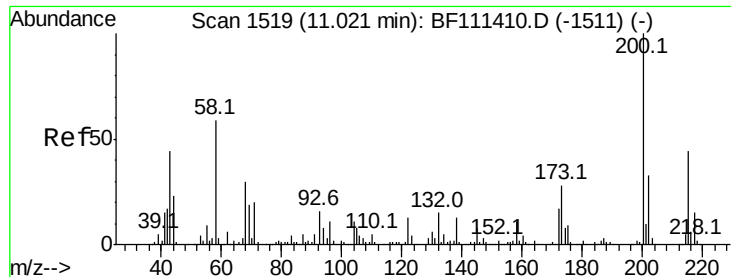
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.0	115.4
141	86.3	63.0	94.6



#68
 Hexachlorobenzene
 Concen: 55.117 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF111412.D
 Acq: 14 Dec 2018 12:01

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.9	27.4	41.2
249	31.8	24.4	36.6

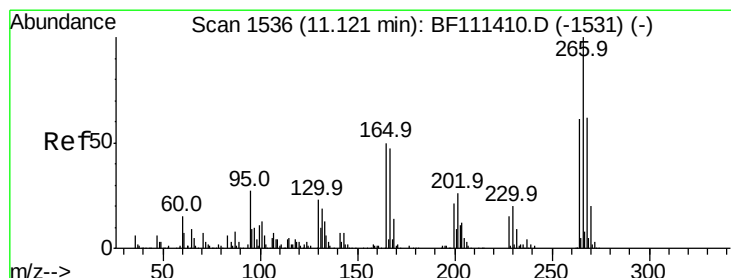
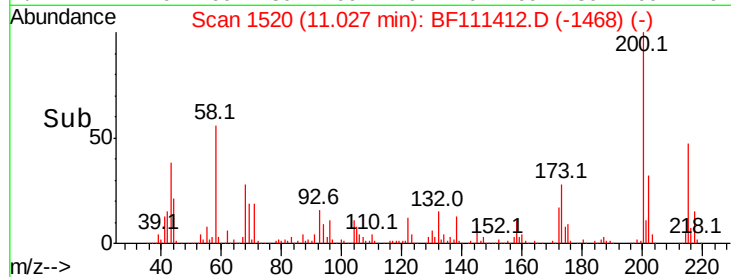
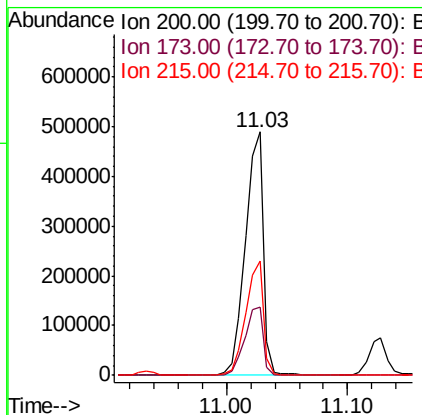
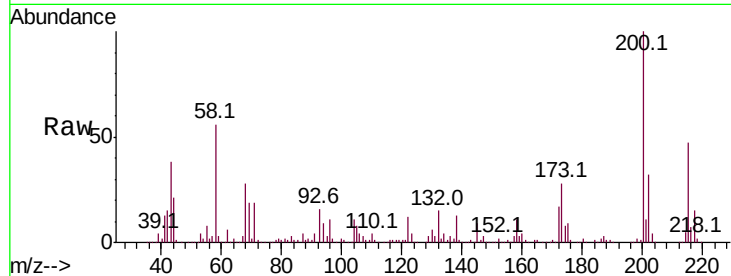




#69
Atrazine
Concen: 51.447 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF111412.D
Acq: 14 Dec 2018 12:01

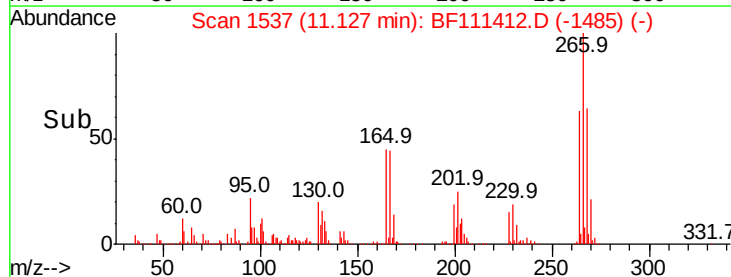
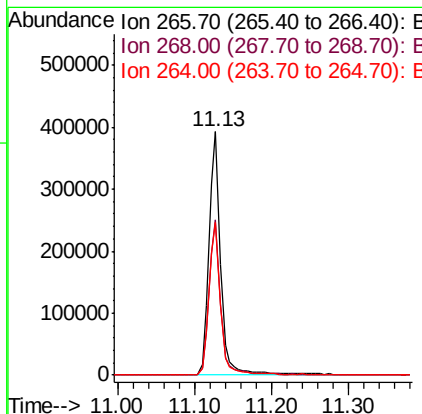
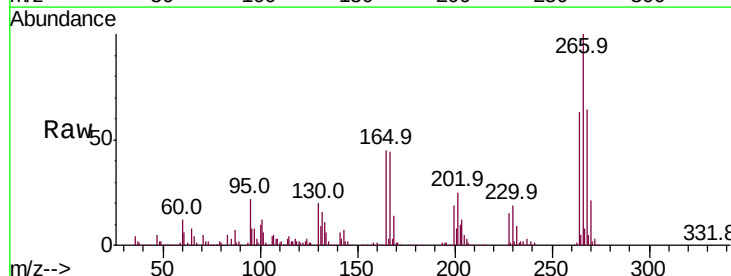
Instrument :
BNA_F
ClientSampleId :

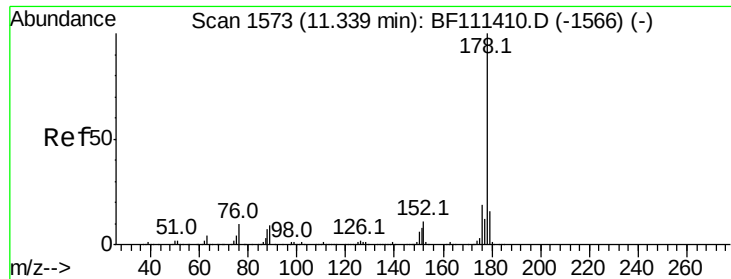
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.9	10.1	50.1
215	46.9	26.9	66.9



#70
Pentachlorophenol
Concen: 56.168 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF111412.D
Acq: 14 Dec 2018 12:01

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	47.9	71.9
264	63.0	49.1	73.7





#71

Phenanthrene

Concen: 53.374 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

Instrument :

BNA_F

ClientSampleId :

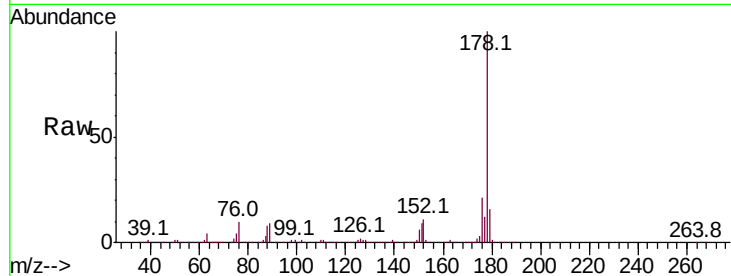
Tot Ion:178 Resp: 2654124

Ion Ratio Lower Upper

178 100

176 21.3 18.1 27.1

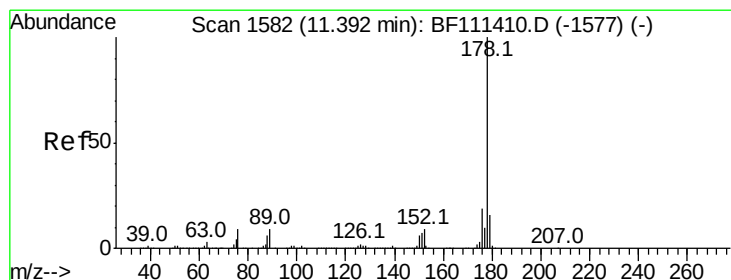
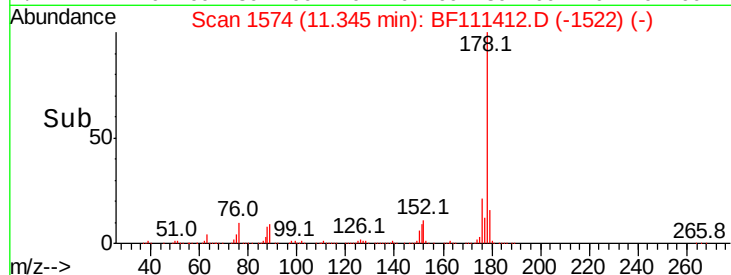
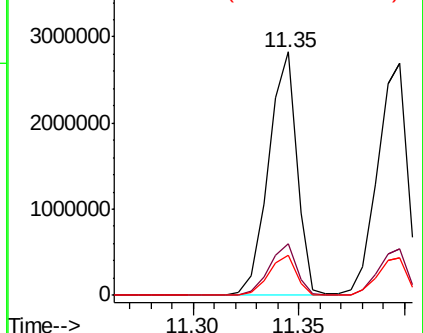
179 16.3 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 53.541 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

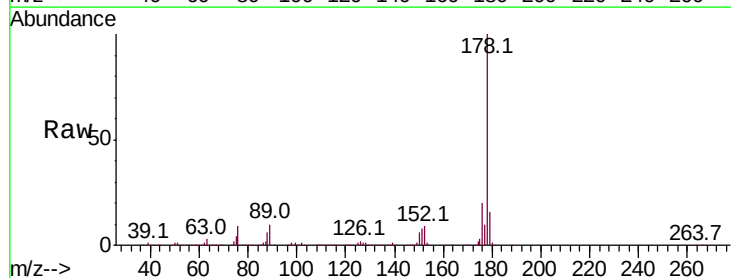
Tgt Ion:178 Resp: 2710978

Ion Ratio Lower Upper

178 100

176 20.1 17.2 25.8

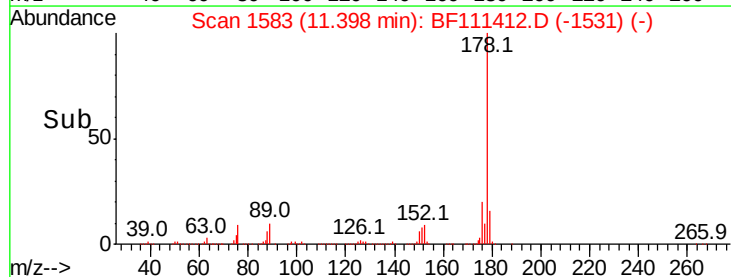
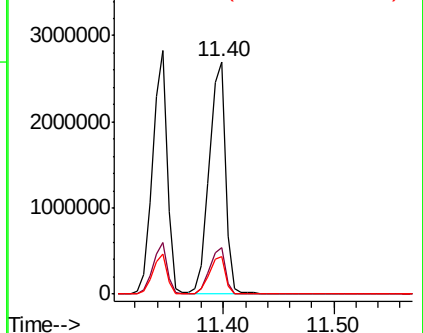
179 16.2 13.8 20.8

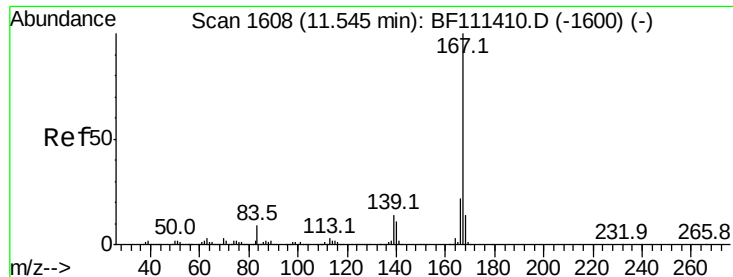


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 52.222 ng

RT: 11.55 min Scan# 1609

Delta R.T. 0.01 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

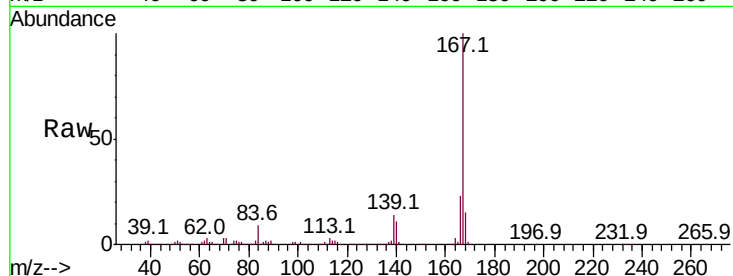
Instrument :

BNA_F

ClientSampleId :

Tot Ion:167 Resp: 2734054

Ion	Ratio	Lower	Upper
167	100		
166	23.2	19.3	28.9
139	14.0	11.9	17.9

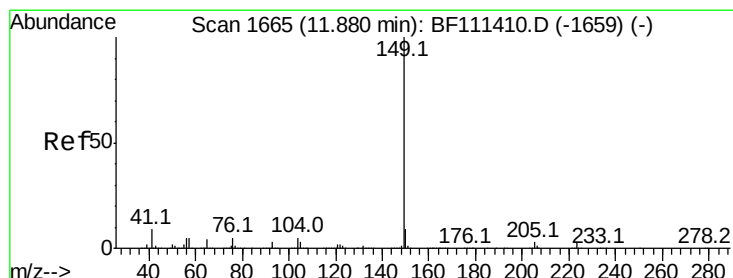
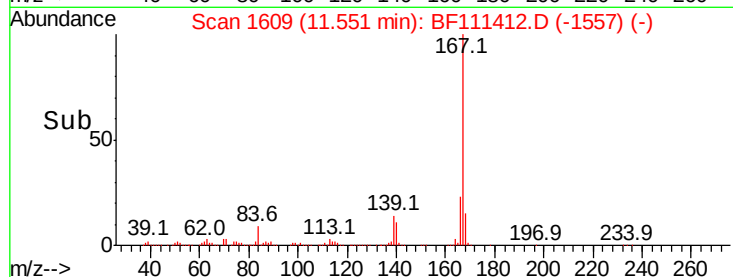
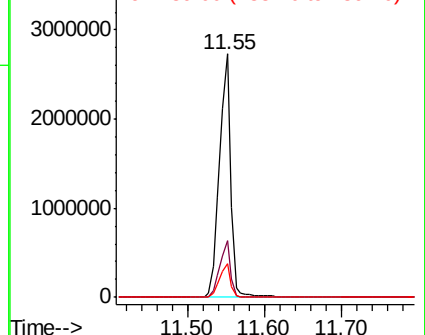


Abundance

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: 47.654 ng

RT: 11.88 min Scan# 1665

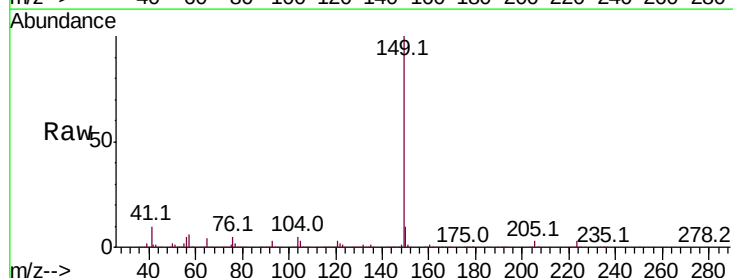
Delta R.T. 0.00 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

Tgt Ion:149 Resp: 2840695

Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.8	13.2
104	5.3	4.5	6.7

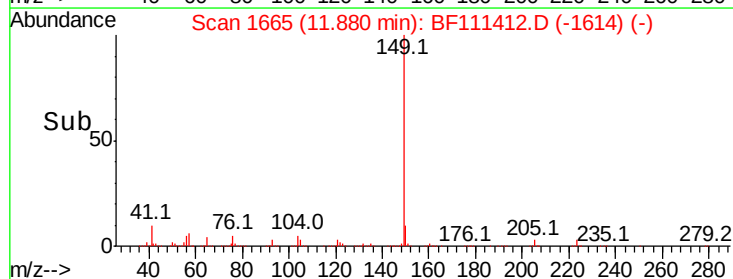
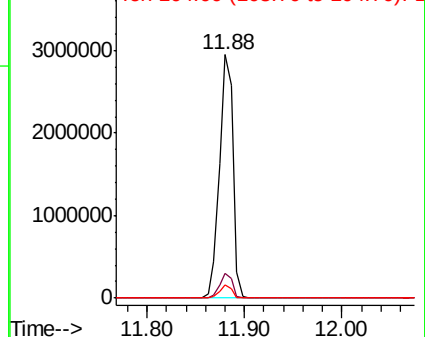


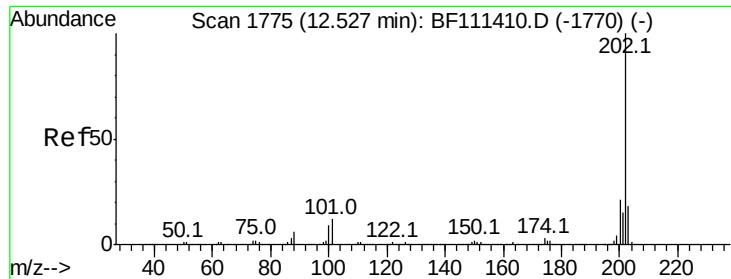
Abundance

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: 48.825 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

Instrument :

BNA_F

ClientSampleId :

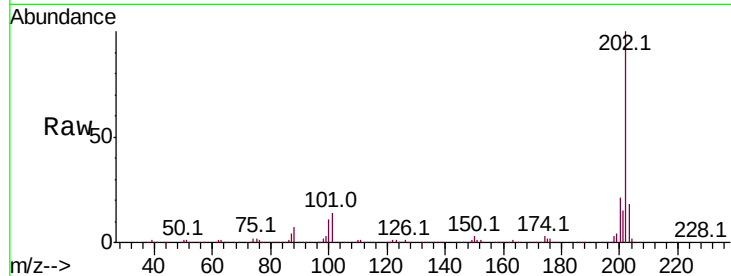
Tot Ion:202 Resp: 2370201

Ion Ratio Lower Upper

202 100

101 14.2 0.0 33.8

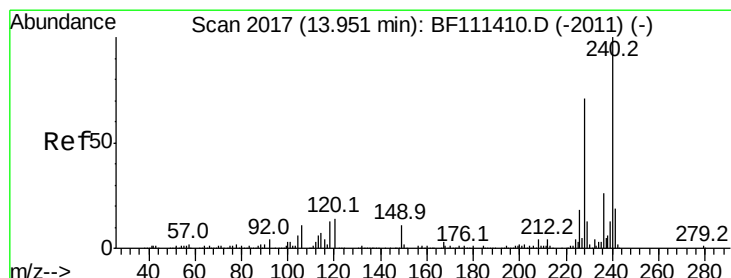
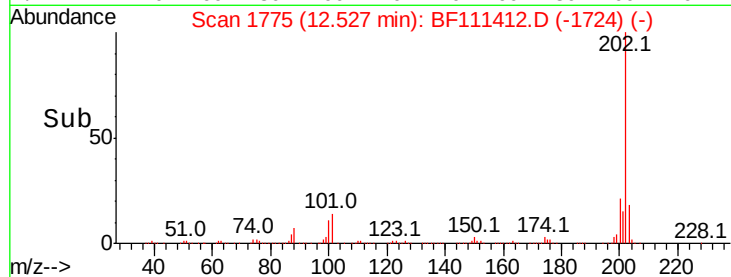
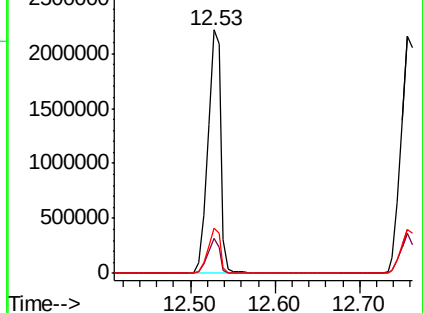
203 18.4 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

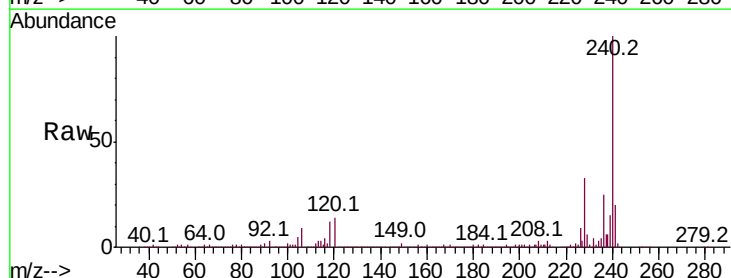
Tgt Ion:240 Resp: 651052

Ion Ratio Lower Upper

240 100

120 13.8 12.2 18.2

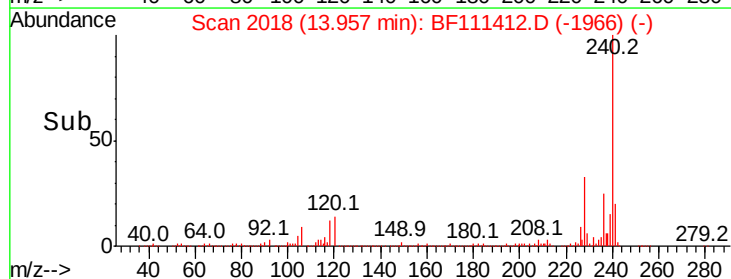
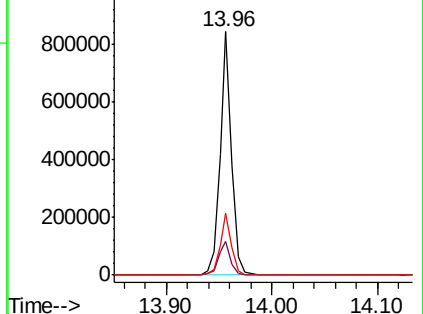
236 25.4 20.2 30.2

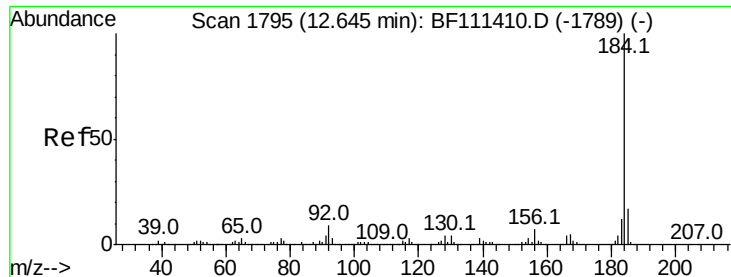


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 77.911 ng

RT: 12.64 min Scan# 1795

Delta R.T. 0.00 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

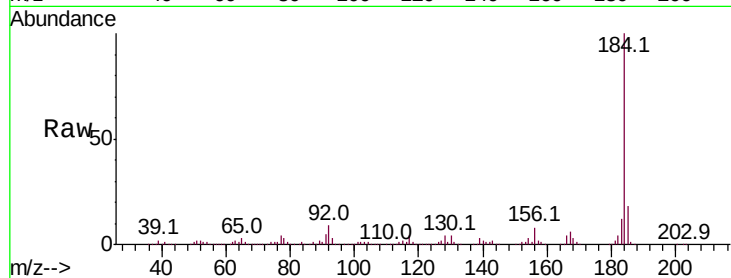
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 957240

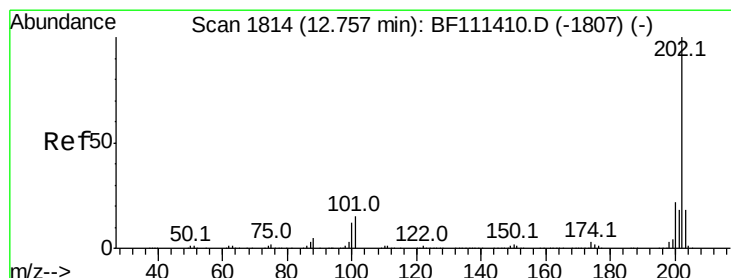
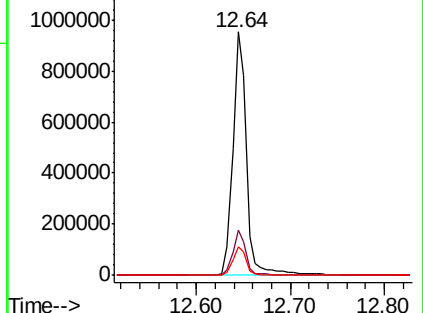
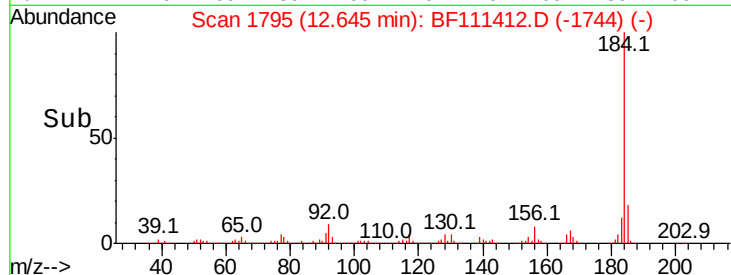
Ion	Ratio	Lower	Upper
184	100		
185	18.4	13.0	19.6
183	11.9	9.3	13.9



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: 47.763 ng

RT: 12.76 min Scan# 1814

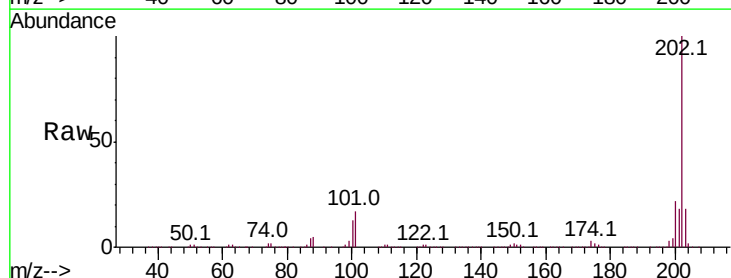
Delta R.T. 0.00 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

Tgt Ion:202 Resp: 2399891

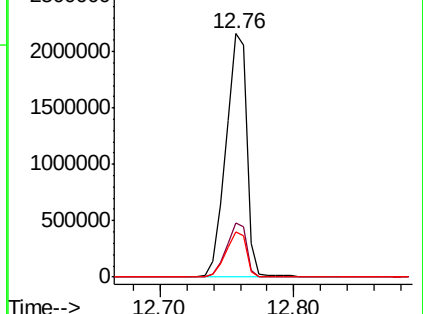
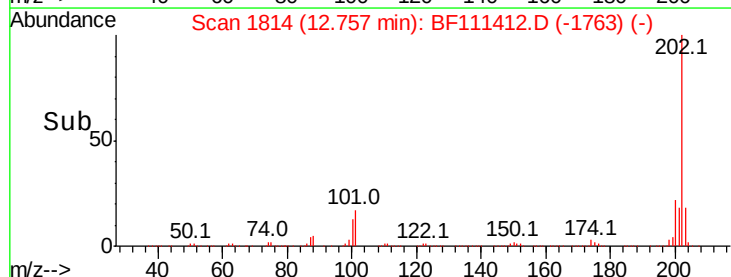
Ion	Ratio	Lower	Upper
202	100		
200	22.4	19.0	28.4
203	18.4	15.2	22.8

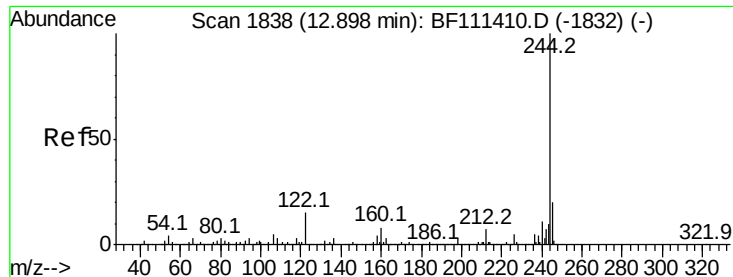


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 98.674 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

Instrument :

BNA_F

ClientSampleId :

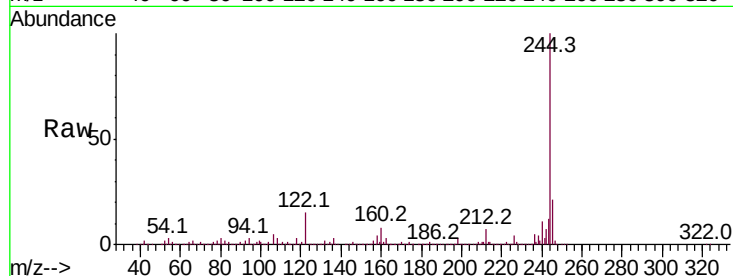
Tot Ion:244 Resp: 2918831

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

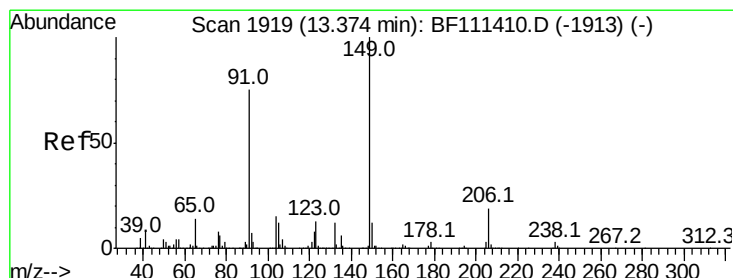
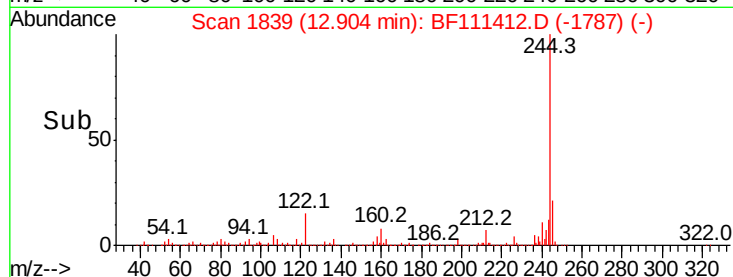
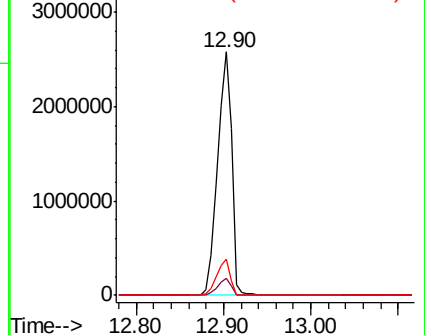
122 15.0 13.1 19.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 55.252 ng

RT: 13.37 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

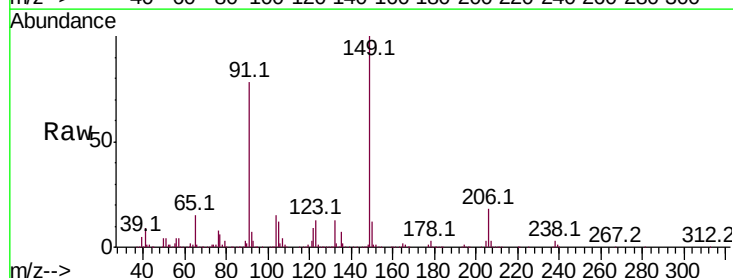
Tgt Ion:149 Resp: 1332946

Ion Ratio Lower Upper

149 100

91 77.5 63.8 95.6

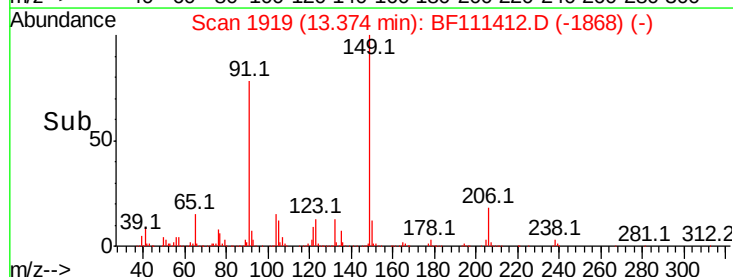
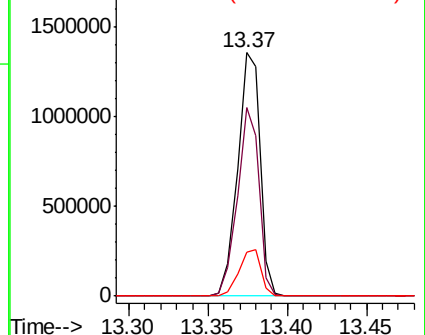
206 17.9 15.1 22.7

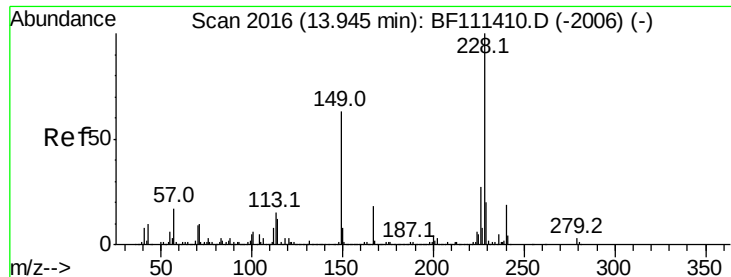


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 54.238 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

Instrument :

BNA_F

ClientSampled :

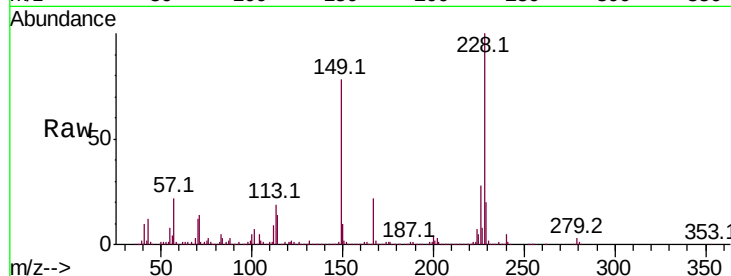
Tot Ion:228 Resp: 1975751

Ion Ratio Lower Upper

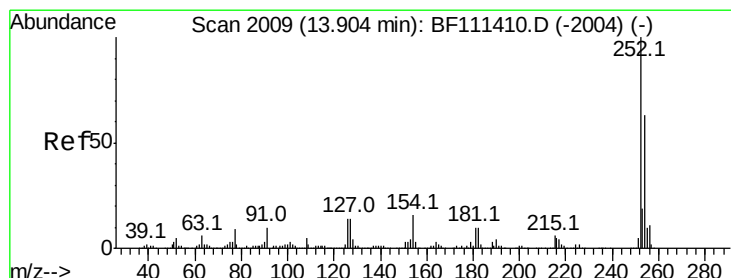
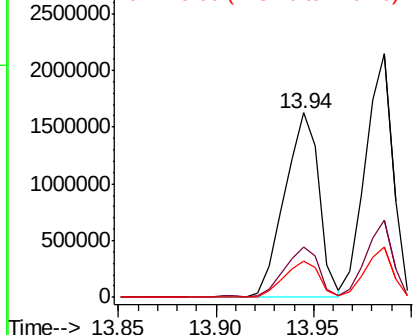
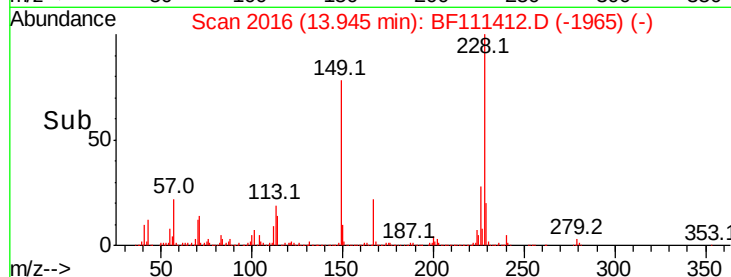
228 100

226 27.6 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: 58.602 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

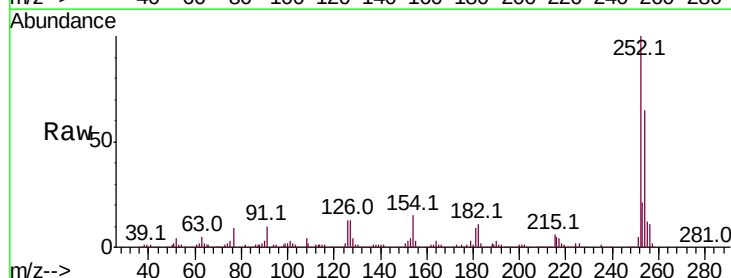
Tgt Ion:252 Resp: 807335

Ion Ratio Lower Upper

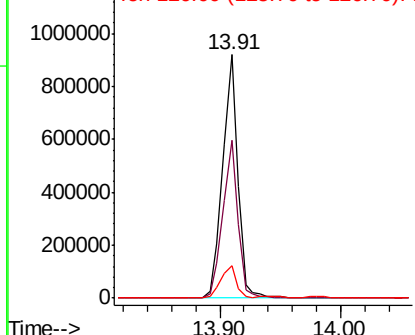
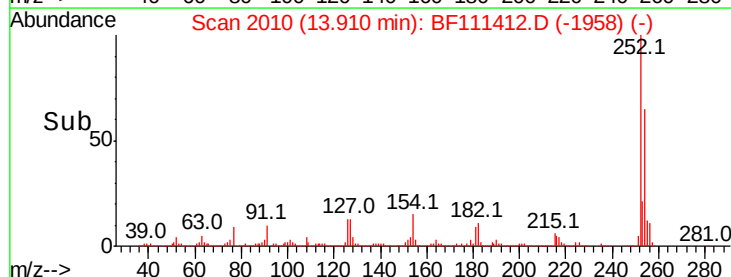
252 100

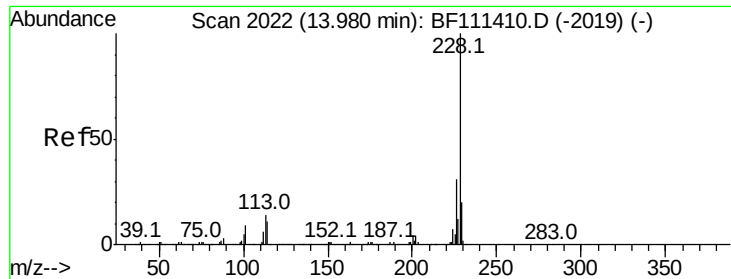
254 64.9 52.7 79.1

126 13.4 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

Chrysene

Concen: 57.421 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

Instrument :

BNA_F

ClientSampleId :

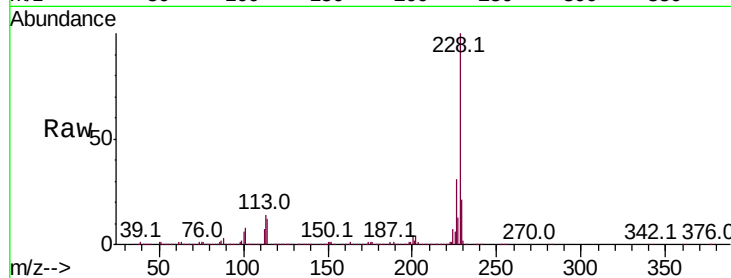
Tot Ion:228 Resp: 2134065

Ion Ratio Lower Upper

228 100

226 31.5 25.3 37.9

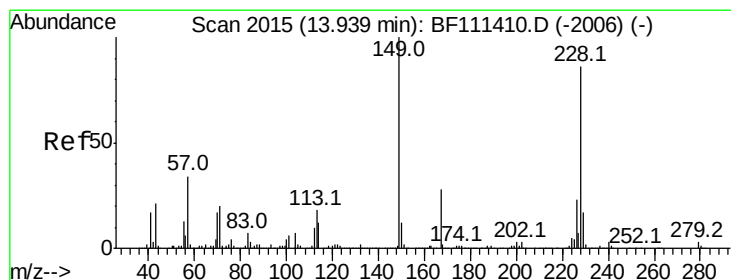
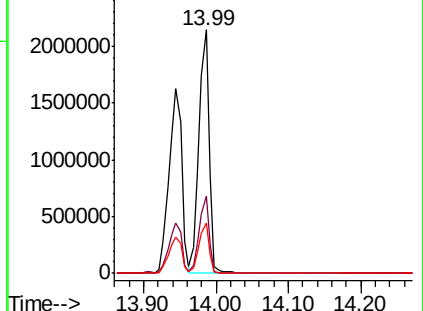
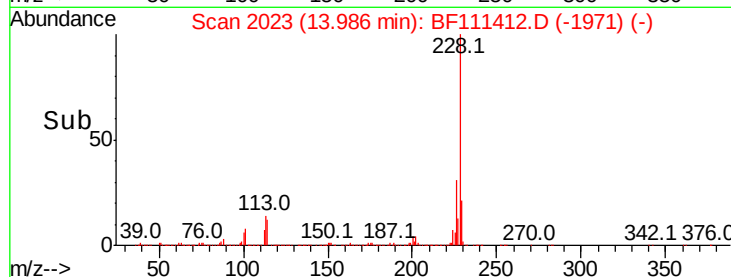
229 20.8 17.2 25.8



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: 54.645 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

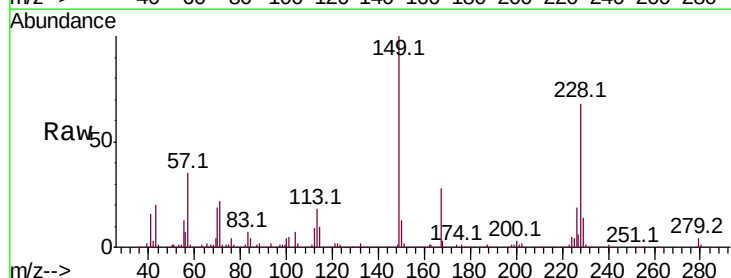
Tgt Ion:149 Resp: 1611640

Ion Ratio Lower Upper

149 100

167 27.9 22.5 33.7

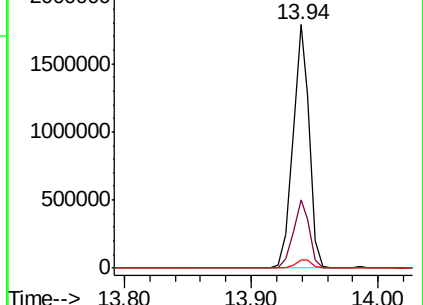
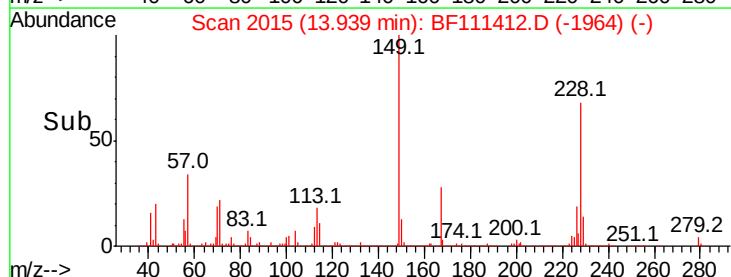
279 3.5 2.6 4.0

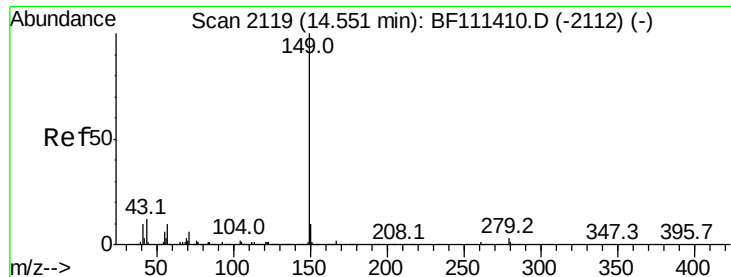


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 57.971 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.01 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

Instrument :

BNA_F

ClientSampleId :

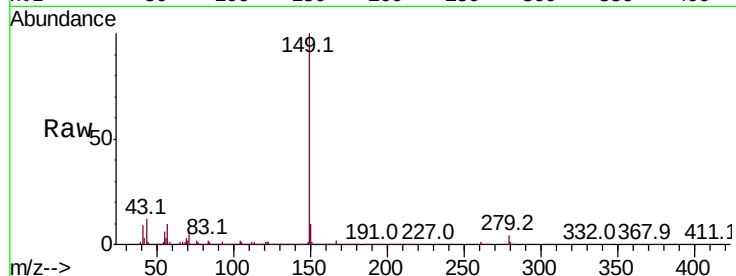
Tot Ion:149 Resp: 2807348

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

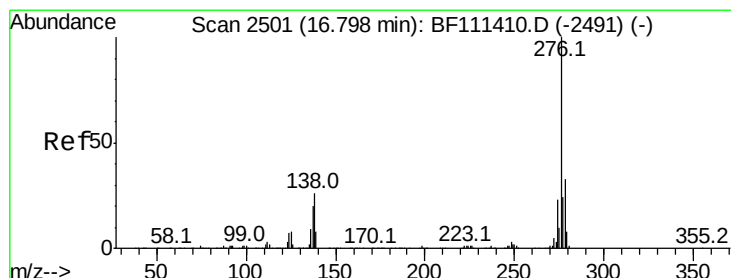
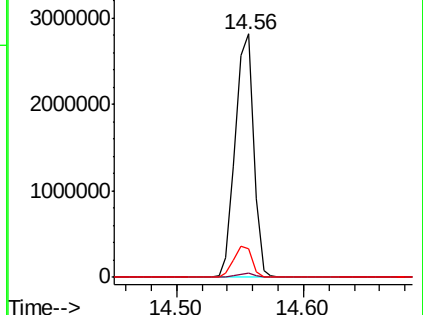
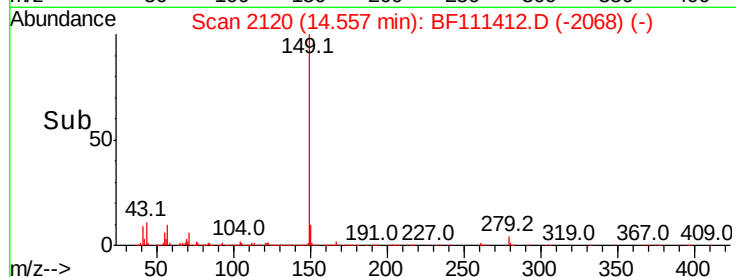
43 12.8 10.9 16.3



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: 55.043 ng

RT: 16.82 min Scan# 2504

Delta R.T. 0.02 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

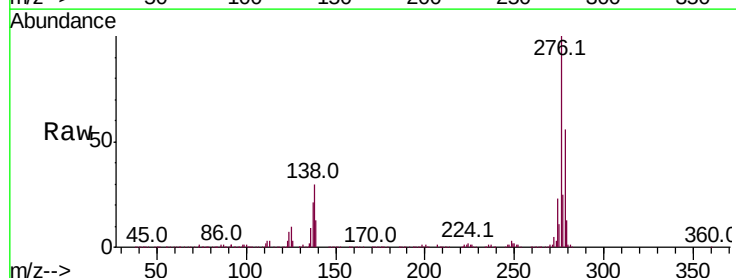
Tgt Ion:276 Resp: 1599973

Ion Ratio Lower Upper

276 100

138 32.4 27.8 41.6

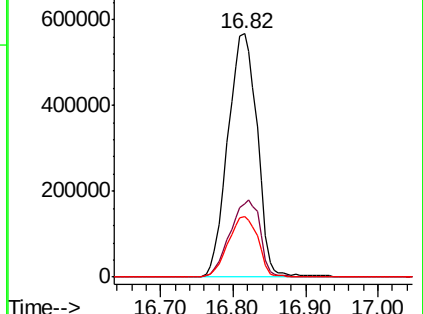
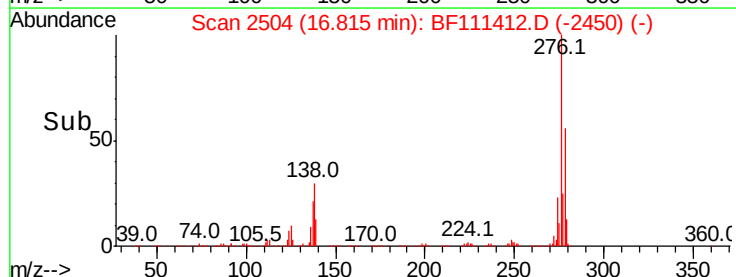
277 25.3 20.1 30.1

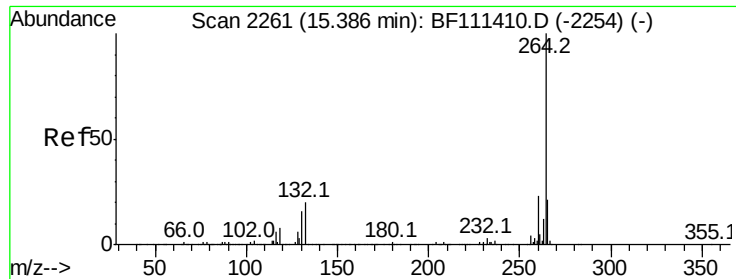


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

Instrument :

BNA_F

ClientSampleId :

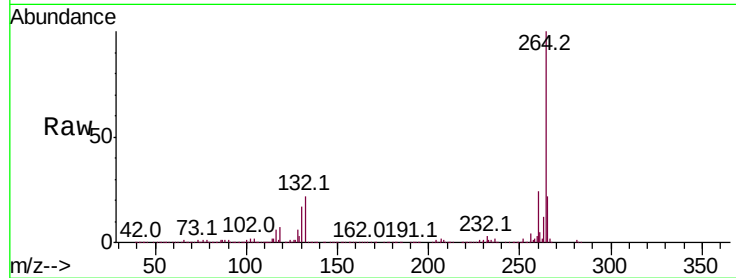
Tot Ion:264 Resp: 530328

Ion Ratio Lower Upper

264 100

260 23.6 18.3 27.5

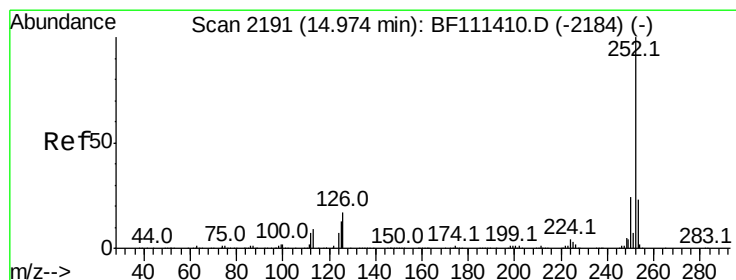
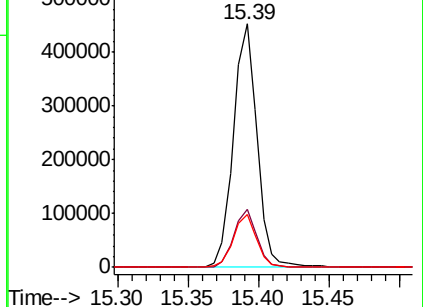
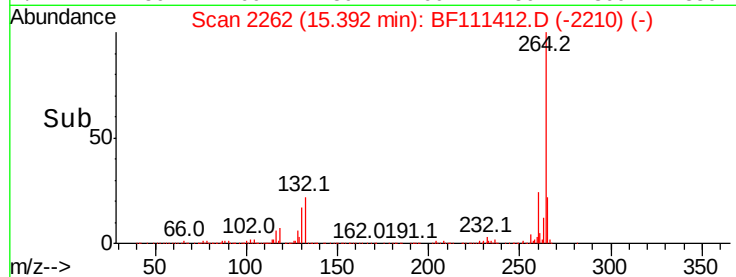
265 21.6 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 63.379 ng

RT: 14.98 min Scan# 2192

Delta R.T. 0.01 min

Lab File: BF111412.D

Acq: 14 Dec 2018 12:01

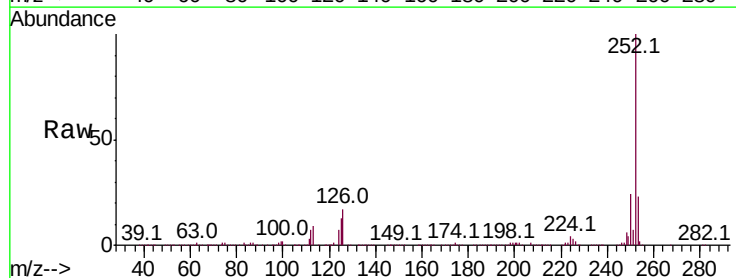
Tgt Ion:252 Resp: 1911291

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.2

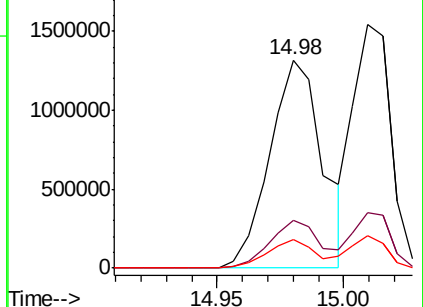
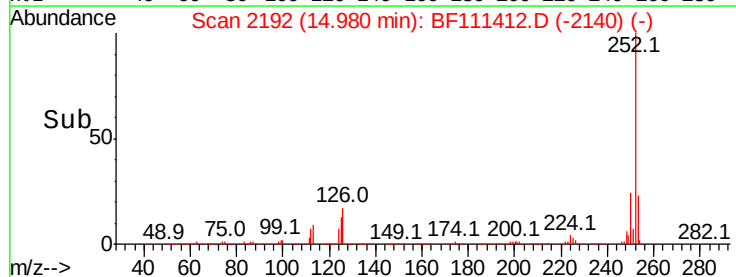
125 13.5 10.4 15.6

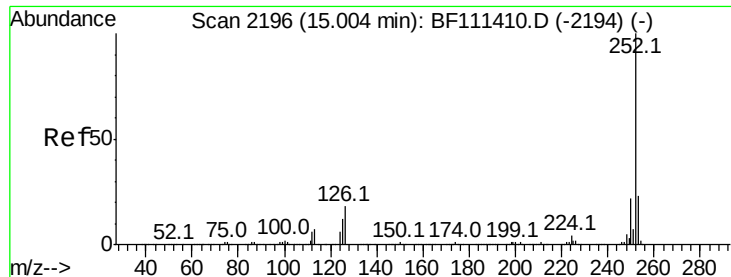


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

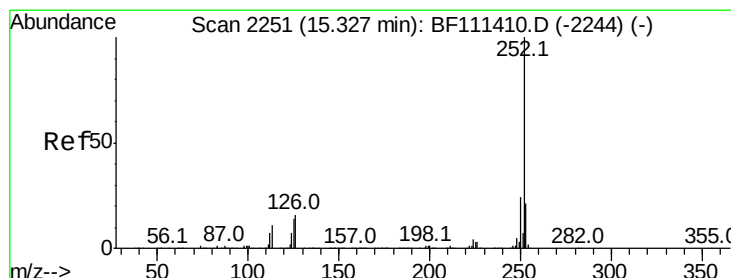
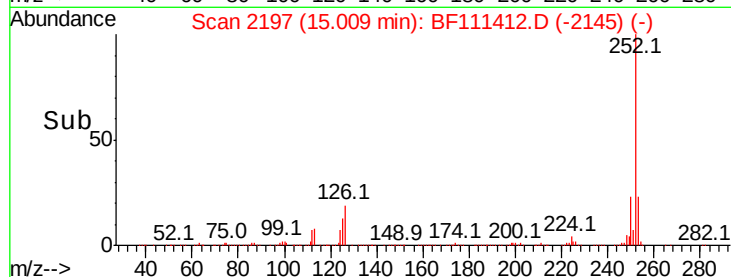
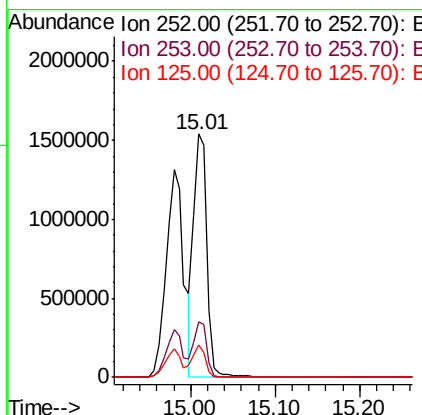
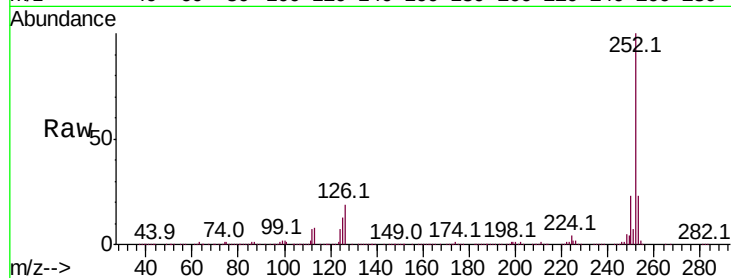




#89
Benzo(k)fluoranthene
Concen: 54.550 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF111412.D
Acq: 14 Dec 2018 12:01

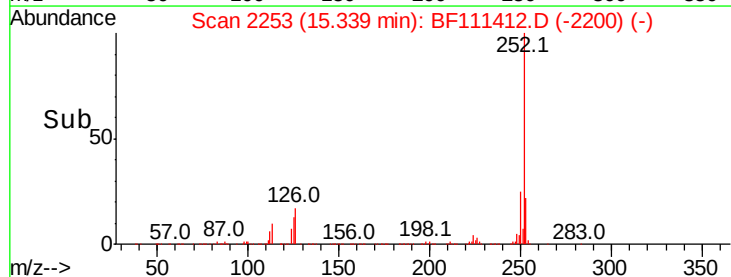
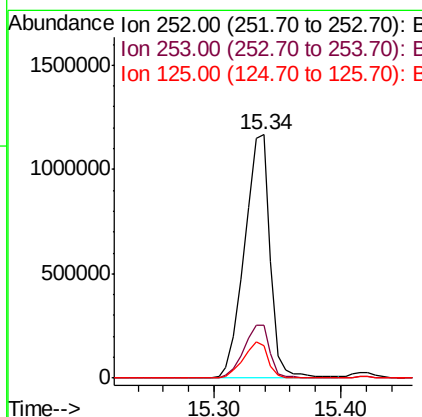
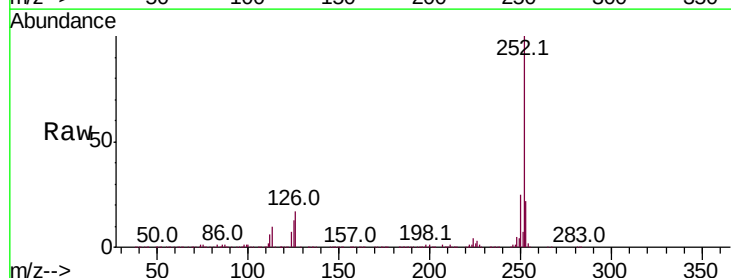
Instrument :
BNA_F
ClientSampleId :

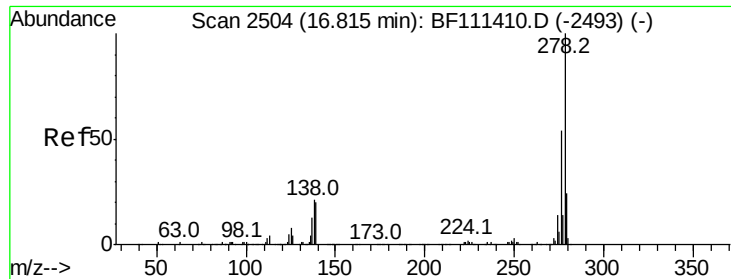
Tot Ion:252 Resp: 1642028
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 13.5 9.8 14.8



#90
Benzo(a)pyrene
Concen: 58.481 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BF111412.D
Acq: 14 Dec 2018 12:01

Tgt Ion:252 Resp: 1642054
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 13.1 12.3 18.5

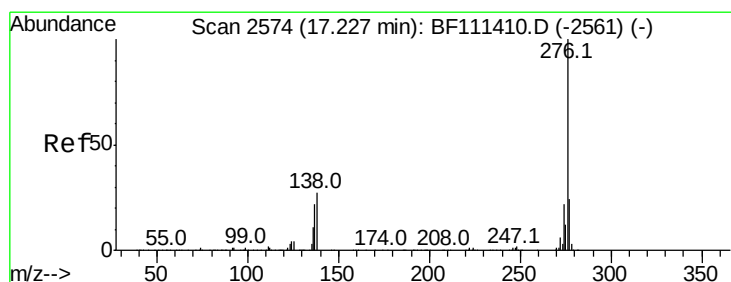
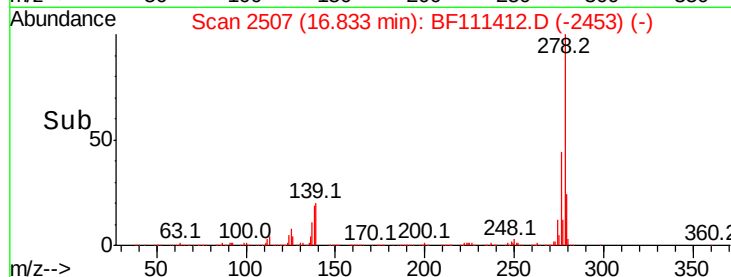
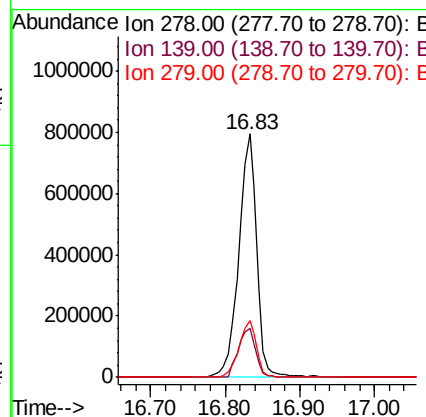
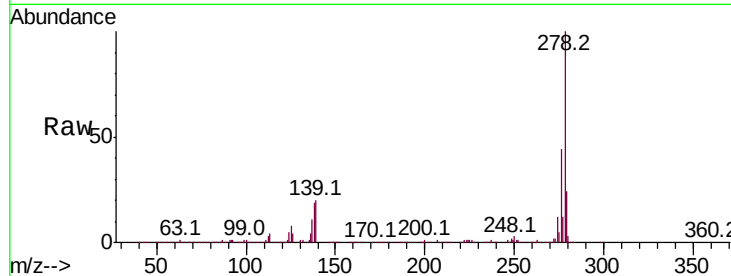




#91
Dibenzo(a,h)anthracene
Concen: 56.990 ng
RT: 16.83 min Scan# 2507
Delta R.T. 0.02 min
Lab File: BF111412.D
Acq: 14 Dec 2018 12:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1331333
Ion Ratio Lower Upper
278 100
139 20.2 18.2 27.4
279 23.5 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 58.027 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.02 min
Lab File: BF111412.D
Acq: 14 Dec 2018 12:01

Tgt Ion:276 Resp: 1355287
Ion Ratio Lower Upper
276 100
277 23.0 19.2 28.8
138 27.3 24.9 37.3

