

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
 Data File : BF111409.D
 Acq On : 14 Dec 2018 10:39
 Operator : JU/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 11:46:28 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	6.79	152	219127	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	936444	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	559302	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	999617	20.00	ng	0.00
76) Chrysene-d12	13.95	240	778770	20.00	ng	0.00
87) Perylene-d12	15.39	264	656246	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	704692	54.38	ng	0.00
7) Phenol-d6	6.43	99	905866	51.85	ng	0.00
23) Nitrobenzene-d5	7.36	82	847214	50.99	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	269492	54.66	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1905535	54.70	ng	0.00
79) Terphenyl-d14	12.90	244	1707003	48.24	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.51	88	165042	25.498	ng	98
3) Pyridine	3.24	79	416949	26.222	ng	95
4) n-Nitrosodimethylamine	3.17	42	191916	25.873	ng	96
6) Aniline	6.45	93	568228	26.884	ng	# 61
8) 2-Chlorophenol	6.58	128	409097	25.685	ng	97
9) Benzaldehyde	6.34	77	279379	25.695	ng	94
10) Phenol	6.45	94	506085	25.571	ng	78
11) bis(2-Chloroethyl)ether	6.53	93	387555	24.891	ng	99
12) 1,3-Dichlorobenzene	6.73	146	447955	25.980	ng	99
13) 1,4-Dichlorobenzene	6.81	146	453247	25.967	ng	97
14) 1,2-Dichlorobenzene	6.96	146	428219	26.519	ng	99
15) Benzyl Alcohol	6.93	79	346663	25.912	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	774845	25.688	ng	98
17) 2-Methylphenol	7.06	107	319516	24.827	ng	95
18) Hexachloroethane	7.31	117	166344	25.670	ng	93
19) n-Nitroso-di-n-propylamine	7.20	70	292590	25.202	ng	93
20) 3+4-Methylphenols	7.21	107	417970	27.233	ng	# 68
22) Acetophenone	7.20	105	564327	25.943	ng	# 91
24) Nitrobenzene	7.37	77	421199	24.612	ng	92
25) Isophorone	7.61	82	690981	24.484	ng	96
26) 2-Nitrophenol	7.69	139	222565	26.458	ng	94
27) 2,4-Dimethylphenol	7.73	122	317065	24.830	ng	96
28) bis(2-Chloroethoxy)methane	7.83	93	481605	24.862	ng	100
29) 2,4-Dichlorophenol	7.94	162	340312	25.549	ng	95
30) 1,2,4-Trichlorobenzene	8.02	180	357561	26.125	ng	99
31) Naphthalene	8.10	128	1153509	26.439	ng	96
32) Benzoic acid	7.84	122	162213	15.282	ng	100
33) 4-Chloroaniline	8.15	127	508133	27.271	ng	97
34) Hexachlorobutadiene	8.22	225	198039	26.083	ng	97
35) Caprolactam	8.51	113	124997	26.781	ng	98
36) 4-Chloro-3-methylphenol	8.63	107	373035	26.280	ng	99
37) 2-Methylnaphthalene	8.79	142	932689	33.070	ng	97
38) 1-Methylnaphthalene	8.89	142	894135	32.848	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	406911	25.883	ng	98

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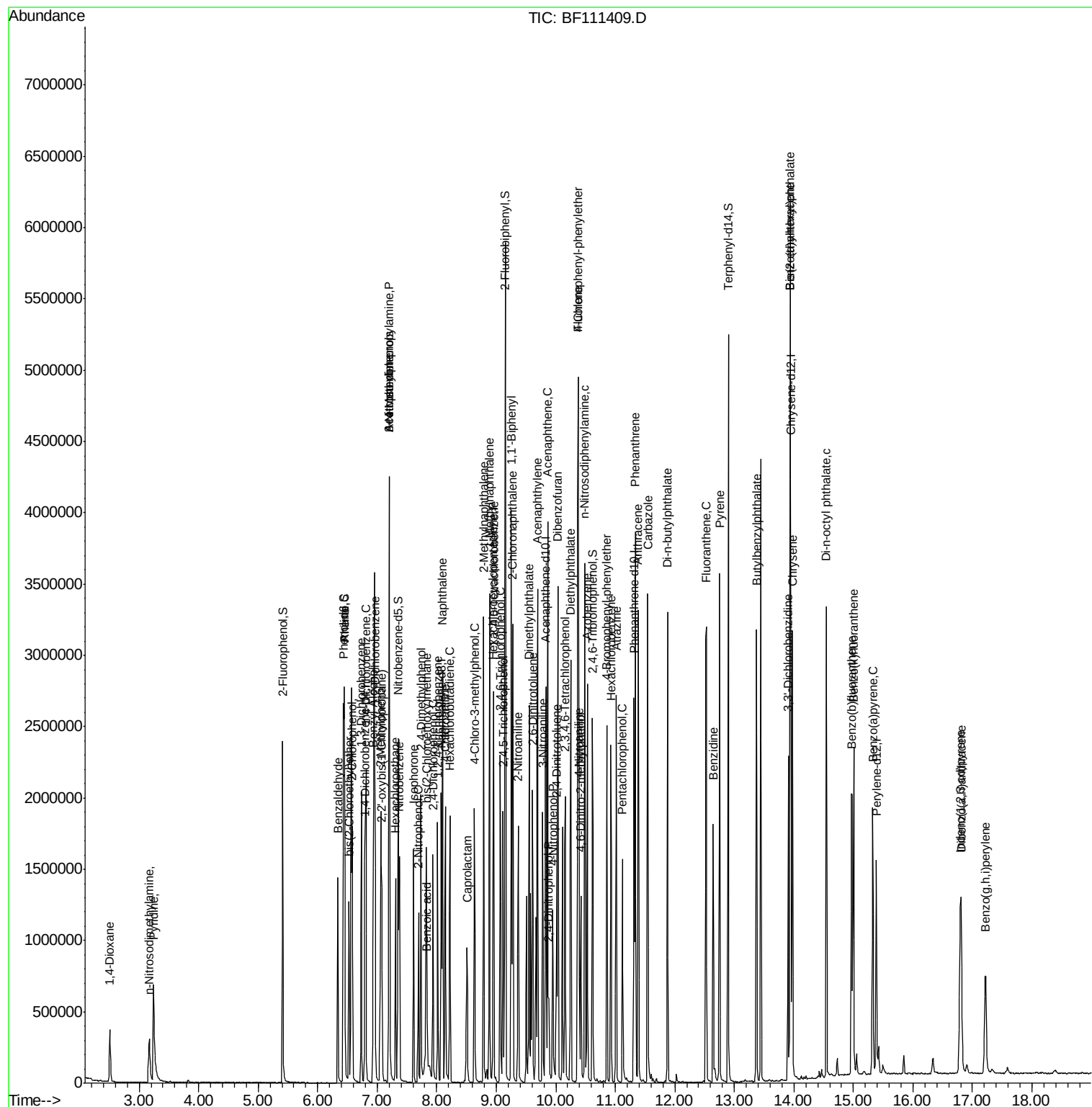
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	207246	25.245	ng	99
43) 2,4,6-Trichlorophenol	9.07	196	286274	25.441	ng	98
44) 2,4,5-Trichlorophenol	9.11	196	297694	25.032	ng	98
46) 1,1'-Biphenyl	9.25	154	1248119	26.155	ng	96
47) 2-Chloronaphthalene	9.27	162	951879	26.046	ng	97
48) 2-Nitroaniline	9.37	65	301886	25.420	ng	95
49) Acenaphthylene	9.69	152	1421721	26.627	ng	95
50) Dimethylphthalate	9.55	163	1045437	25.993	ng	99
51) 2,6-Dinitrotoluene	9.61	165	241642	27.104	ng	92
52) Acenaphthene	9.86	154	885824	26.303	ng	98
53) 3-Nitroaniline	9.78	138	290891	27.146	ng	97
54) 2,4-Dinitrophenol	9.89	184	87113	24.906	ng	# 84
55) Dibenzofuran	10.03	168	1306162	26.866	ng	96
56) 4-Nitrophenol	9.95	139	209190	27.108	ng	91
57) 2,4-Dinitrotoluene	10.02	165	320910	28.086	ng	90
58) Fluorene	10.38	166	930344	26.750	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	240998	26.233	ng	97
60) Diethylphthalate	10.25	149	1088914	26.893	ng	98
61) 4-Chlorophenyl-phenylether	10.37	204	460322	26.698	ng	98
62) 4-Nitroaniline	10.39	138	286202	27.786	ng	95
63) Azobenzene	10.53	77	1066168	26.115	ng	95
65) 4,6-Dinitro-2-methylphenol	10.42	198	144232	25.133	ng	94
66) n-Nitrosodiphenylamine	10.49	169	899408	25.294	ng	98
67) 4-Bromophenyl-phenylether	10.86	248	281235	25.272	ng	93
68) Hexachlorobenzene	10.93	284	293632	25.625	ng	94
69) Atrazine	11.02	200	276649	26.900	ng	98
70) Pentachlorophenol	11.12	266	175099	22.962	ng	95
71) Phenanthrene	11.34	178	1351341	26.154	ng	95
72) Anthracene	11.39	178	1387739	26.378	ng	95
73) Carbazole	11.54	167	1444202	26.549	ng	95
74) Di-n-butylphthalate	11.88	149	1641233	26.498	ng	# 96
75) Fluoranthene	12.53	202	1385557	27.470	ng	97
77) Benzidine	12.64	184	717869	48.846	ng	98
78) Pyrene	12.75	202	1433595	23.852	ng	96
80) Butylbenzylphthalate	13.37	149	695130	24.088	ng	92
81) Benzo(a)anthracene	13.94	228	1087042	24.947	ng	99
82) 3,3'-Dichlorobenzidine	13.90	252	468484	28.429	ng	97
83) Chrysene	13.98	228	1162986	26.161	ng	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	875153	24.807	ng	99
85) Di-n-octyl phthalate	14.54	149	1519534	26.232	ng	97
86) Indeno(1,2,3-cd)pyrene	16.80	276	737144	21.201	ng	98
88) Benzo(b)fluoranthene	14.97	252	982122	26.319	ng	98
89) Benzo(k)fluoranthene	15.00	252	990005	26.579	ng	98
90) Benzo(a)pyrene	15.33	252	895830	25.783	ng	99
91) Dibenzo(a,h)anthracene	16.82	278	630601	21.814	ng	96
92) Benzo(g,h,i)perylene	17.22	276	583462	20.188	ng	95

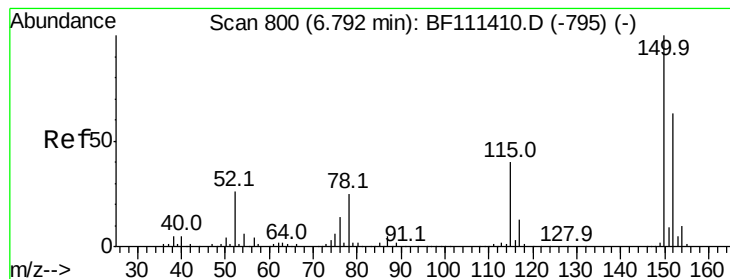
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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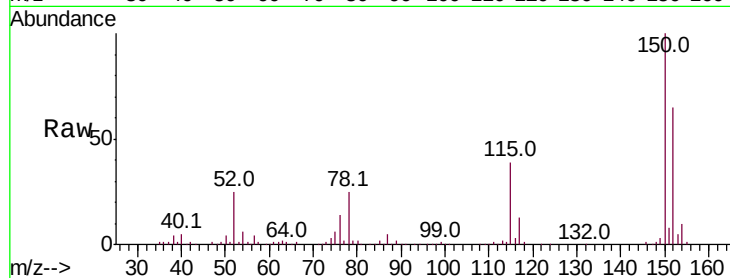


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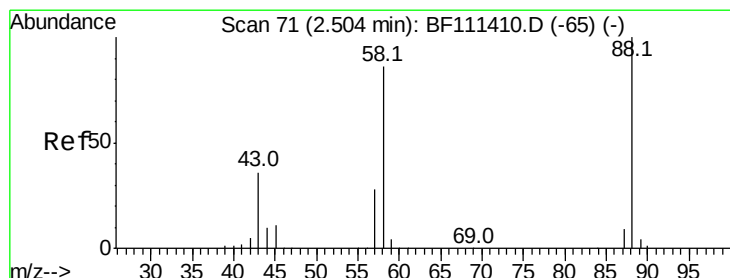
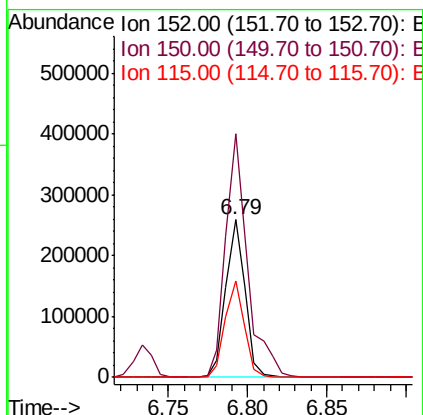
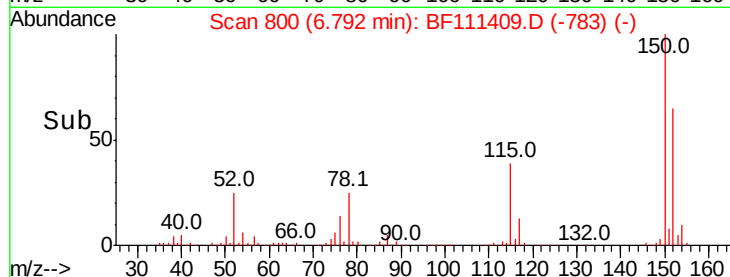
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111409.D
Acq: 14 Dec 2018 10:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 219127
Ion Ratio Lower Upper
152 100
150 154.3 126.6 189.8
115 60.9 50.7 76.1



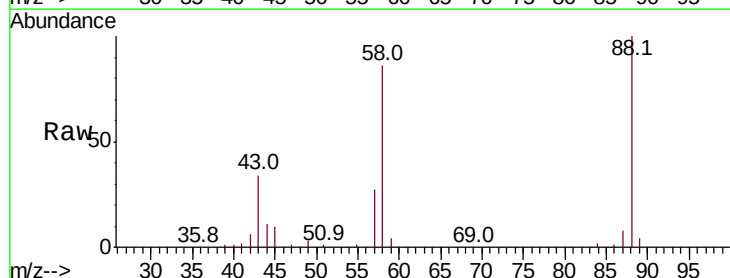
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



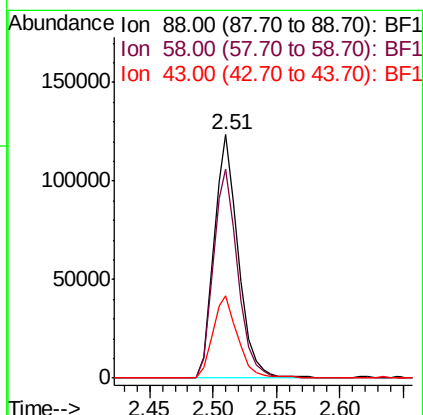
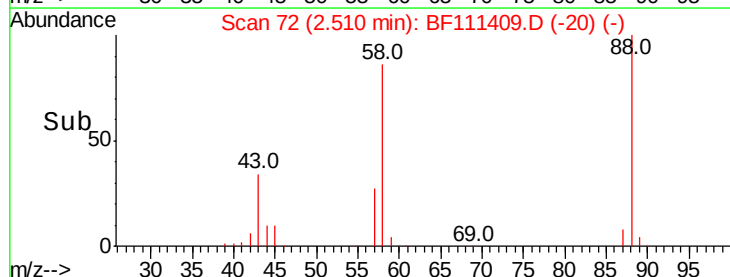
#2

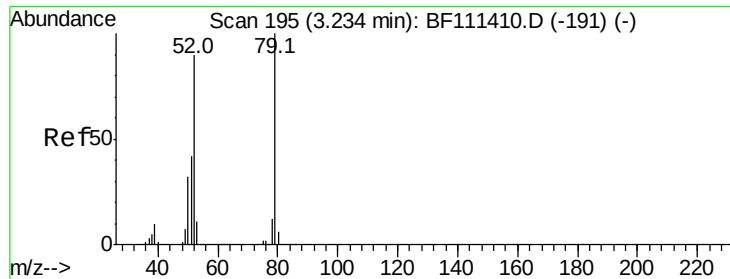
1,4-Dioxane
Concen: 25.498 ng
RT: 2.51 min Scan# 72
Delta R.T. 0.01 min
Lab File: BF111409.D
Acq: 14 Dec 2018 10:39

Tgt Ion: 88 Resp: 165042
Ion Ratio Lower Upper
88 100
58 86.5 68.9 103.3
43 35.0 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

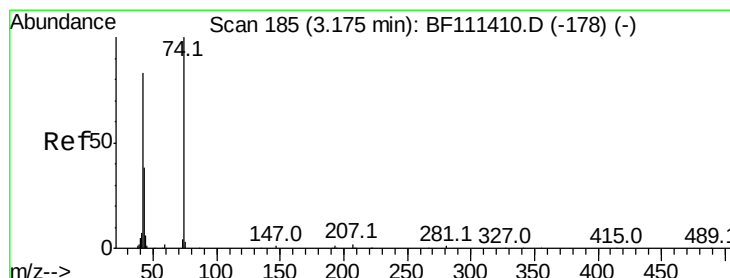
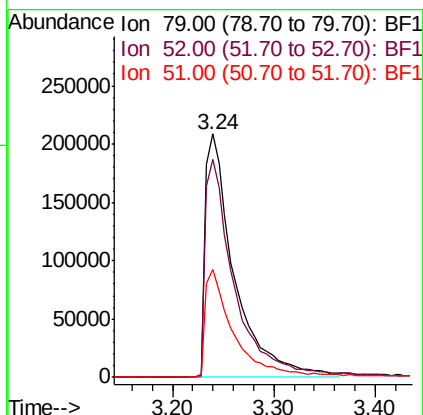
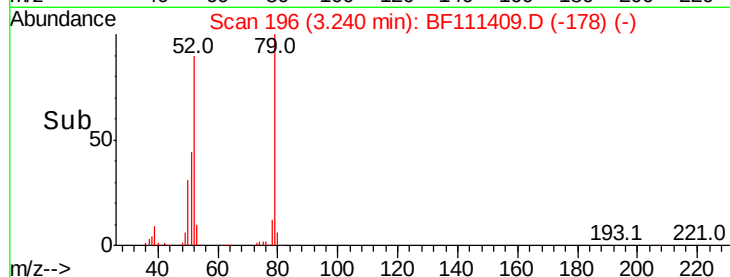
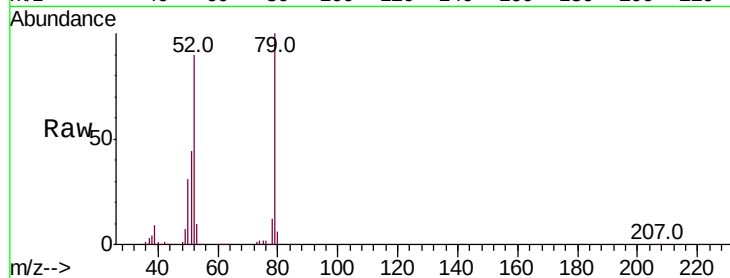




#3
 Pvridine
 Concen: 26.222 ng
 RT: 3.24 min Scan# 196
 Delta R.T. 0.01 min
 Lab File: BF111409.D
 Acq: 14 Dec 2018 10:39

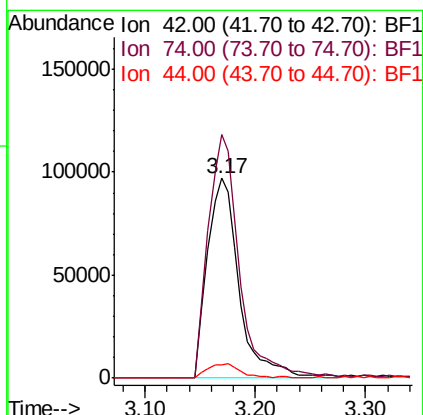
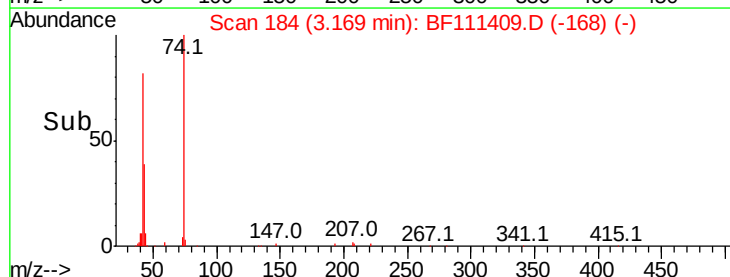
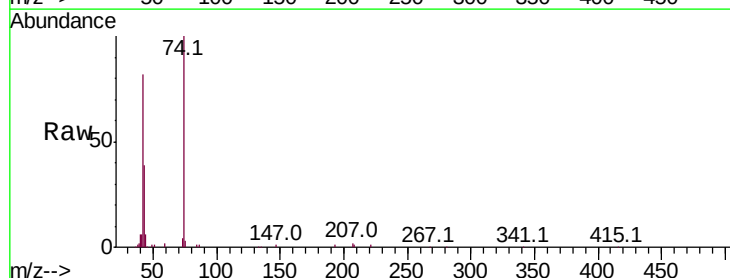
Instrument :
 BNA_F
 ClientSampleId :

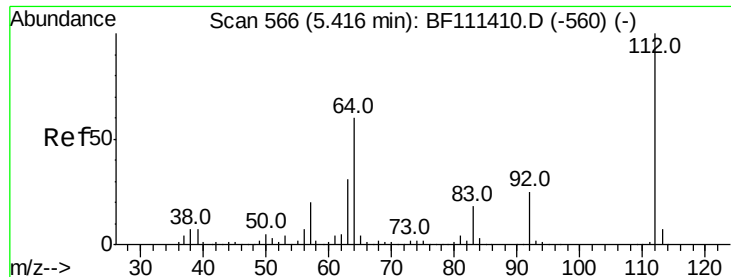
Tot Ion: 79 Resp: 416949
 Ion Ratio Lower Upper
 79 100
 52 89.5 68.3 102.5
 51 44.1 32.6 49.0



#4
 n-Nitrosodimethylamine
 Concen: 25.873 ng
 RT: 3.17 min Scan# 184
 Delta R.T. -0.01 min
 Lab File: BF111409.D
 Acq: 14 Dec 2018 10:39

Tgt Ion: 42 Resp: 191916
 Ion Ratio Lower Upper
 42 100
 74 122.0 101.5 152.3
 44 6.9 6.0 9.0





#5

2-Fluorophenol

Concen: 54.382 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

Instrument :
BNA_F
ClientSampled :

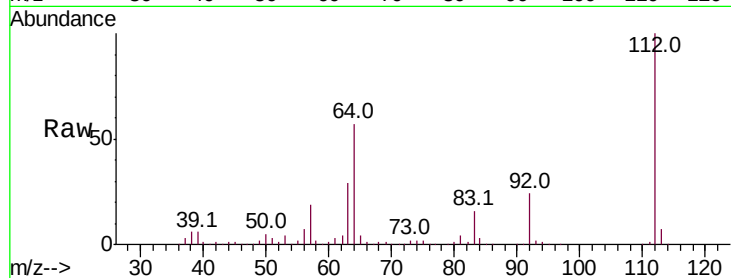
Tot Ion:112 Resp: 704692

Ion Ratio Lower Upper

112 100

64 57.0 51.8 77.6

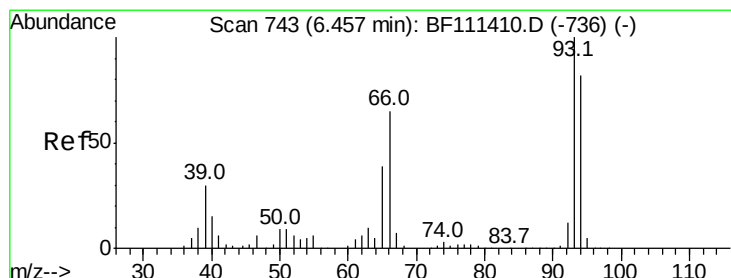
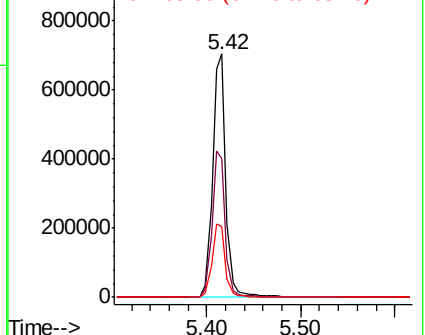
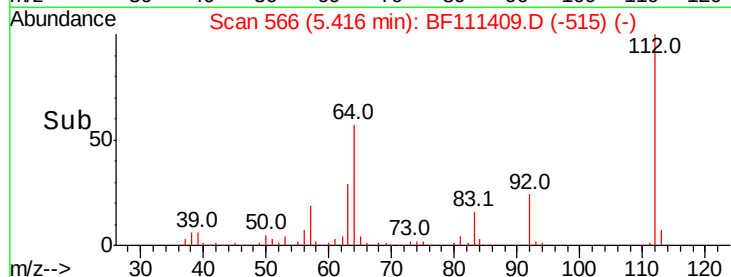
63 29.1 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.884 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

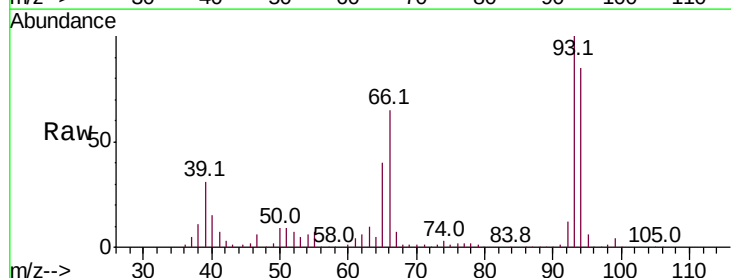
Tgt Ion: 93 Resp: 568228

Ion Ratio Lower Upper

93 100

66 65.5 33.2 49.8#

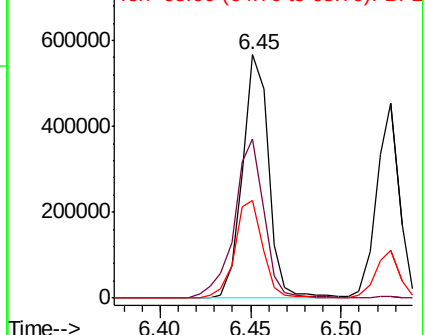
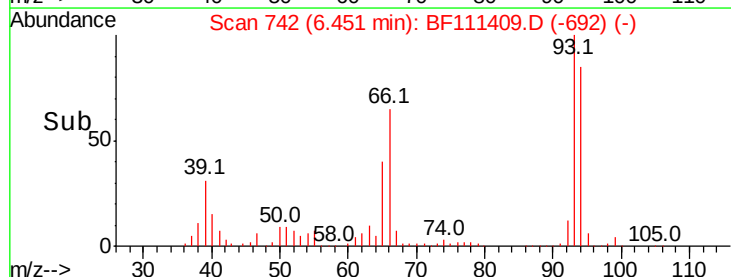
65 39.9 17.0 25.4#

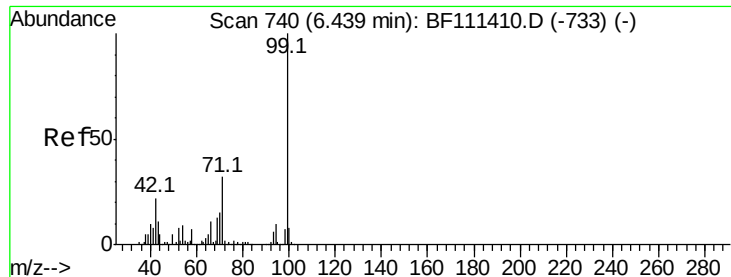


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 51.849 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

Instrument :

BNA_F

ClientSampled :

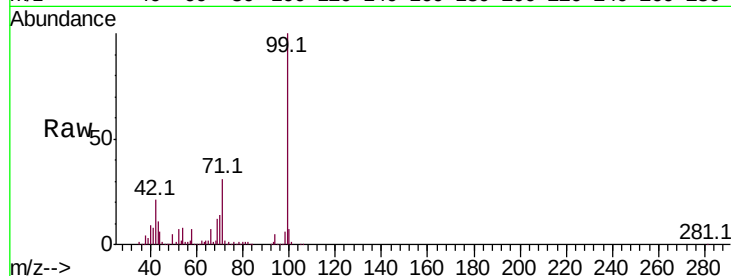
Tot Ion: 99 Resp: 905866

Ion Ratio Lower Upper

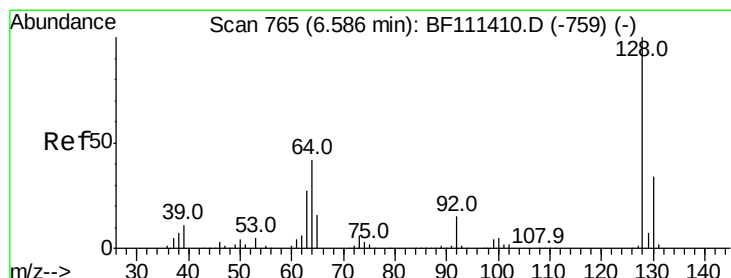
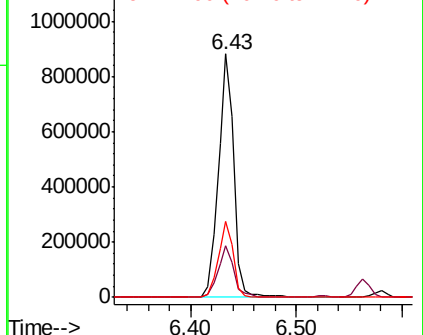
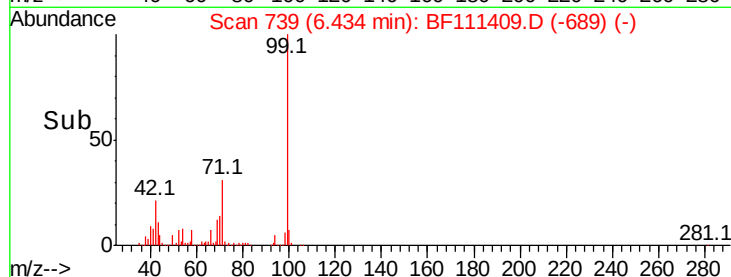
99 100

42 21.3 17.4 26.0

71 31.0 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: 25.685 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

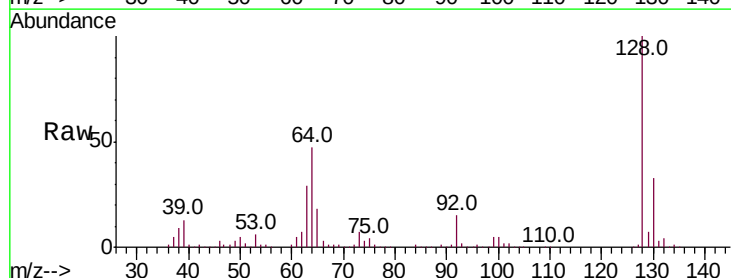
Tgt Ion: 128 Resp: 409097

Ion Ratio Lower Upper

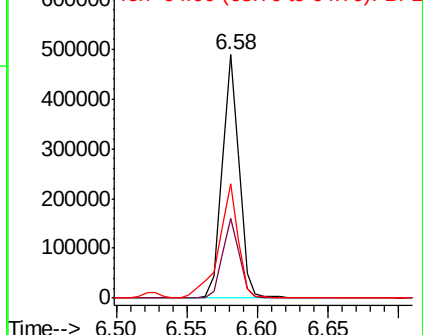
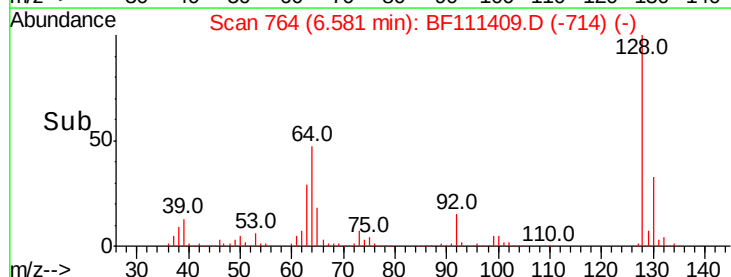
128 100

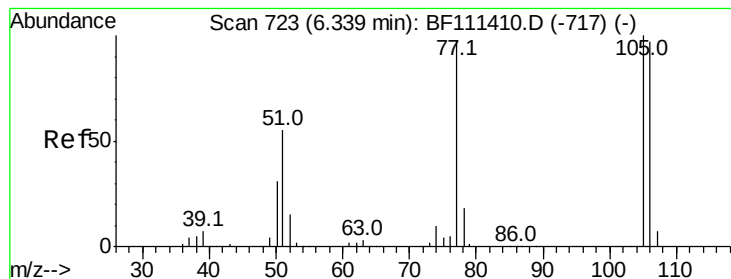
130 32.6 12.7 52.7

64 47.2 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: 25.695 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

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ClientSampleId :

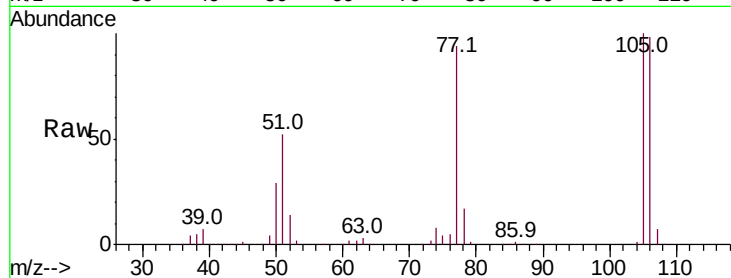
Tot Ion: 77 Resp: 279379

Ion Ratio Lower Upper

77 100

105 106.6 81.4 121.4

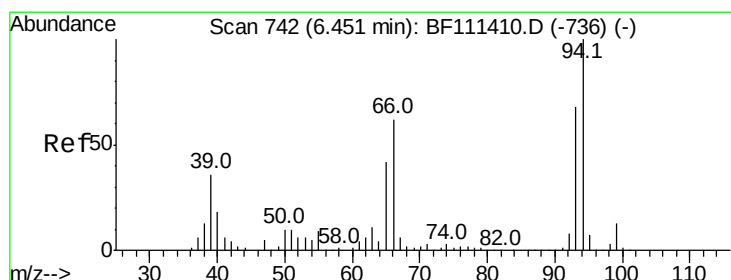
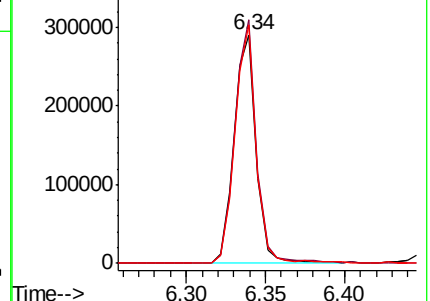
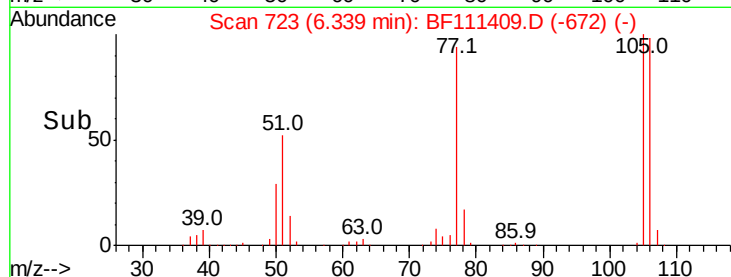
106 104.2 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 25.571 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

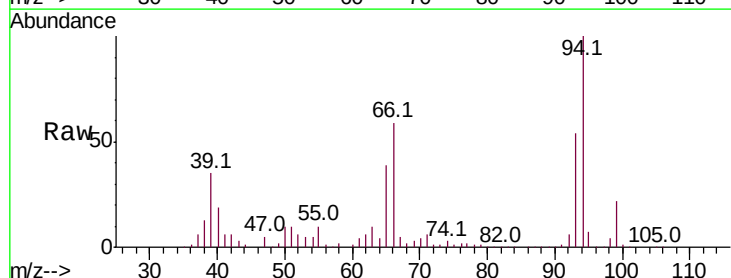
Tgt Ion: 94 Resp: 506085

Ion Ratio Lower Upper

94 100

65 39.3 11.7 51.7

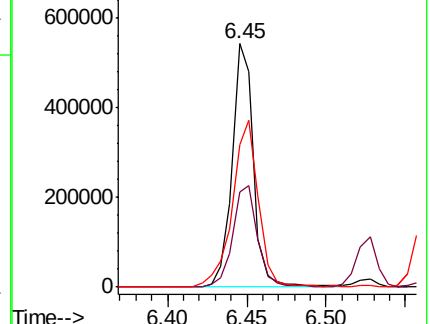
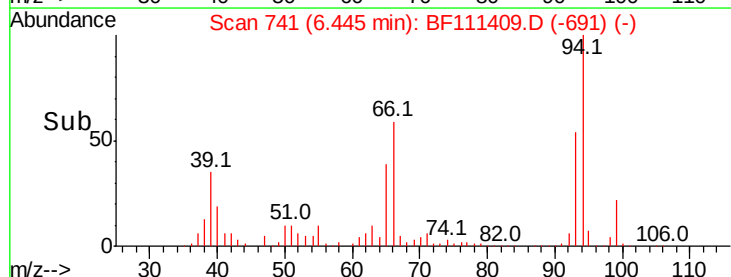
66 58.7 21.0 61.0

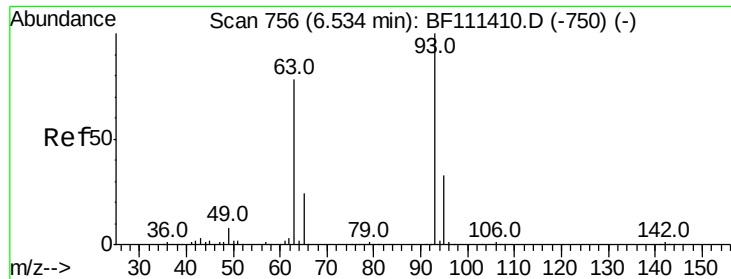


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

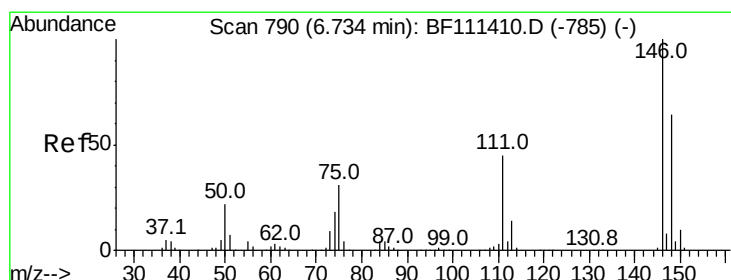
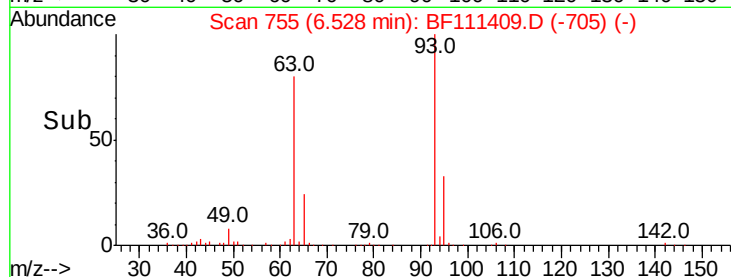
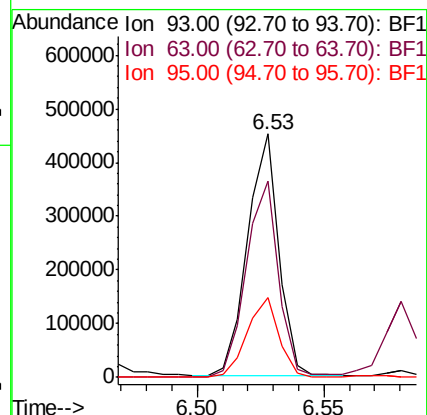
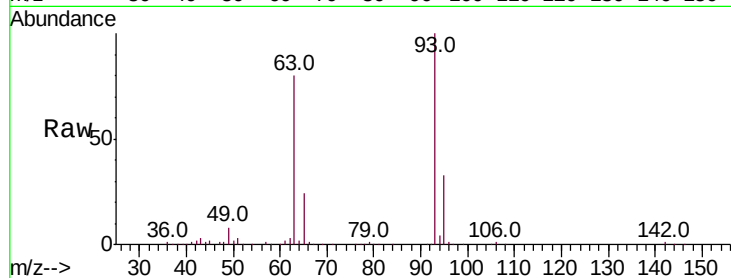




#11
bis(2-Chloroethyl)ether
Concen: 24.891 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF111409.D
Acq: 14 Dec 2018 10:39

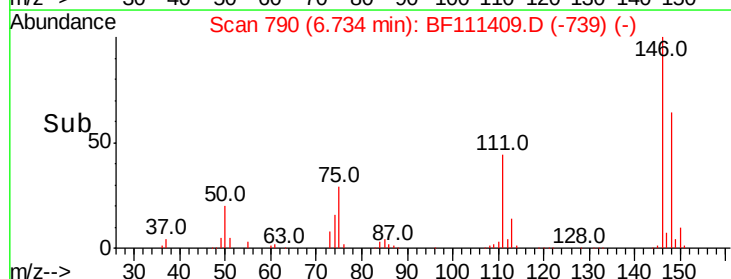
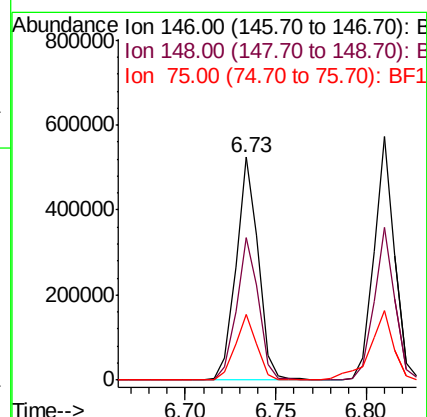
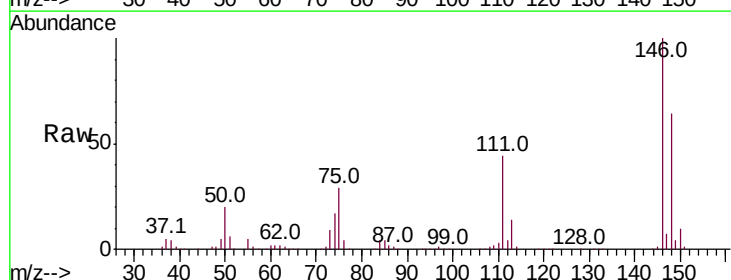
Instrument :
BNA_F
ClientSampleId :

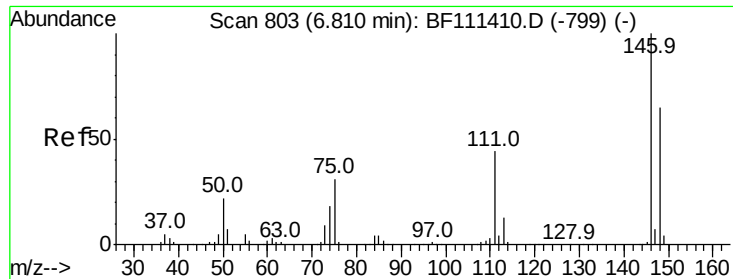
Tot Ion: 93 Resp: 387555
Ion Ratio Lower Upper
93 100
63 80.4 60.0 100.0
95 32.7 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 25.980 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF111409.D
Acq: 14 Dec 2018 10:39

Tgt Ion: 146 Resp: 447955
Ion Ratio Lower Upper
146 100
148 63.8 52.1 78.1
75 29.3 23.9 35.9

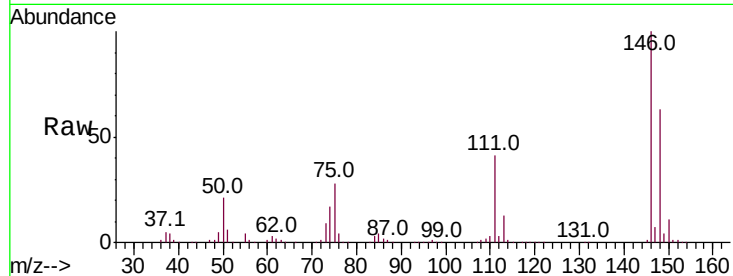




#13
 1,4-Dichlorobenzene
 Concen: 25.967 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF111409.D
 Acq: 14 Dec 2018 10:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	52.8	79.2
111	40.9	33.4	50.0

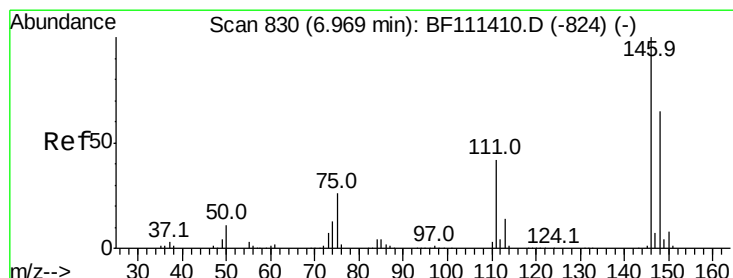
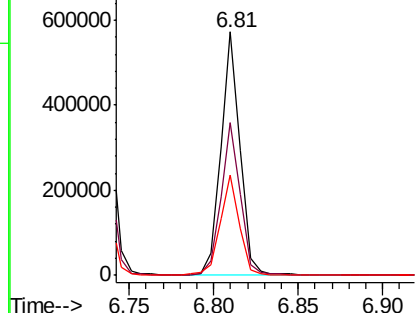
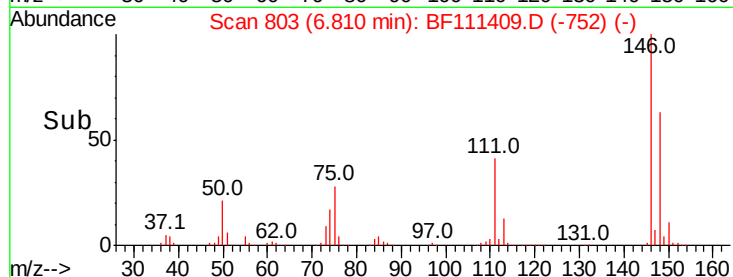


Abundance

Ion 146.00 (145.70 to 146.70): E

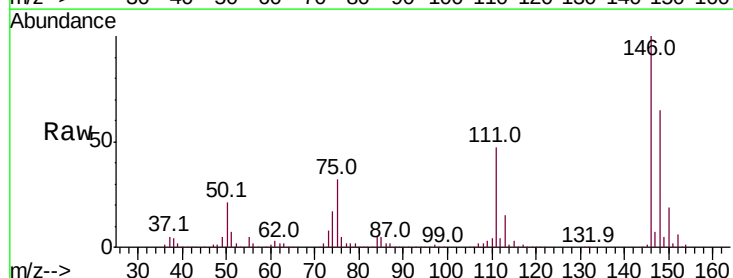
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 26.519 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF111409.D
 Acq: 14 Dec 2018 10:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.9	77.9
111	46.6	36.2	54.4

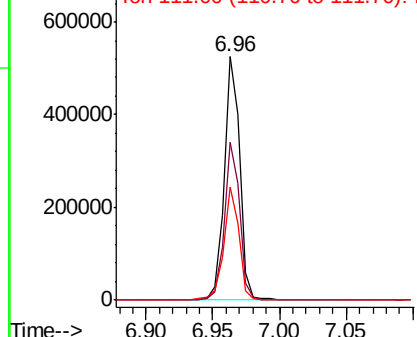
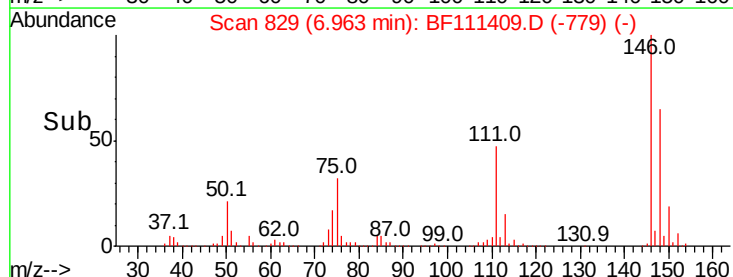


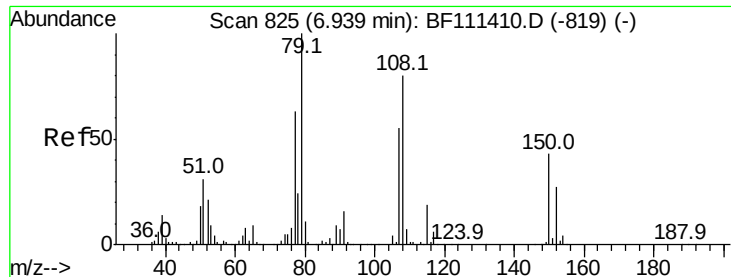
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 25.912 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

Instrument :

BNA_F

ClientSampled :

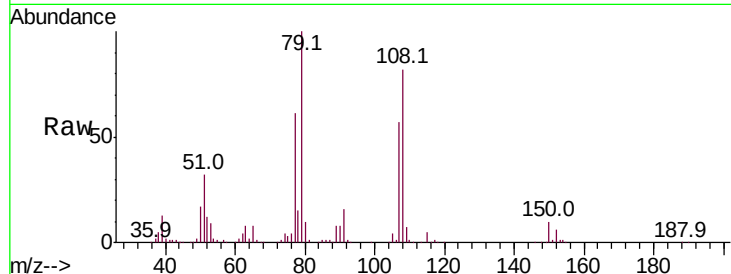
Tot Ion: 79 Resp: 346663

Ion Ratio Lower Upper

79 100

108 81.5 69.4 104.2

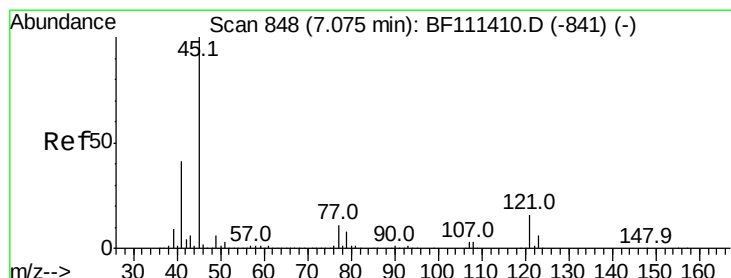
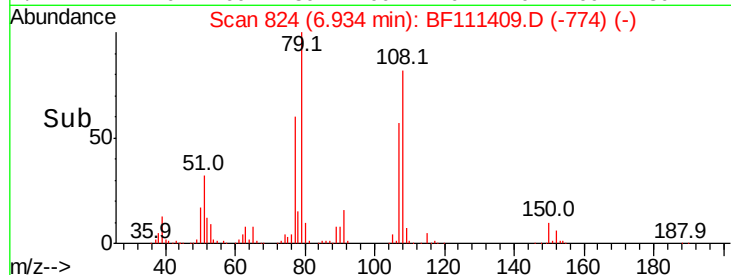
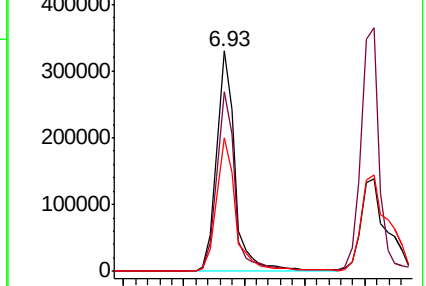
77 60.5 49.7 74.5



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: 25.688 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

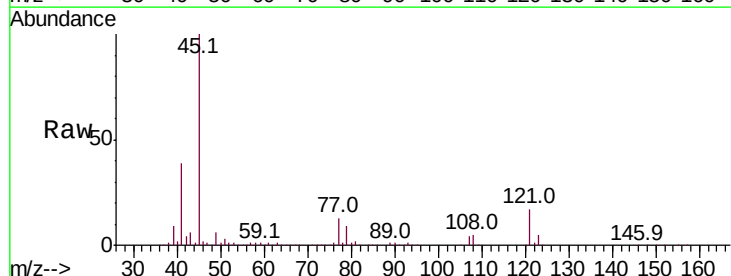
Tgt Ion: 45 Resp: 774845

Ion Ratio Lower Upper

45 100

77 12.5 0.0 31.5

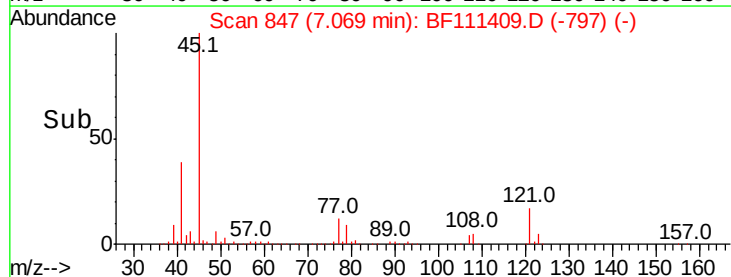
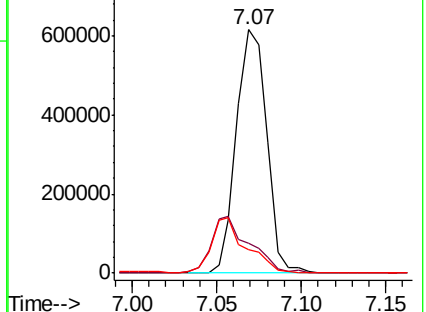
79 9.4 0.0 28.9

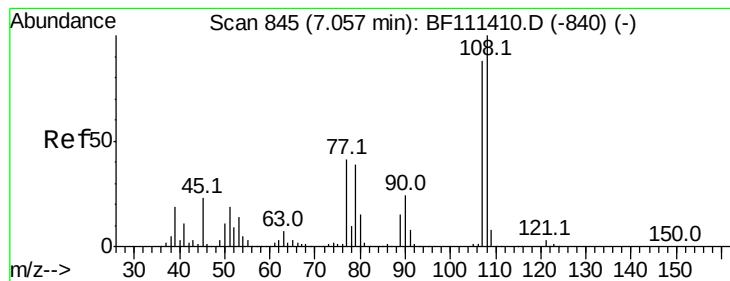


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 24.827 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 319516

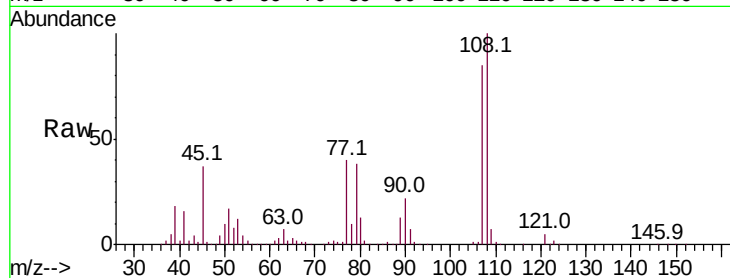
Ion Ratio Lower Upper

107 100

108 118.1 91.0 136.4

77 46.7 33.5 50.3

79 45.2 33.3 49.9

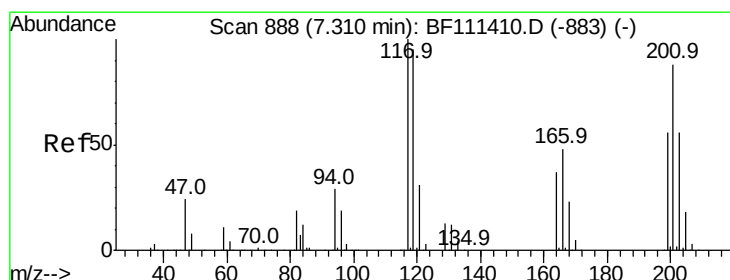
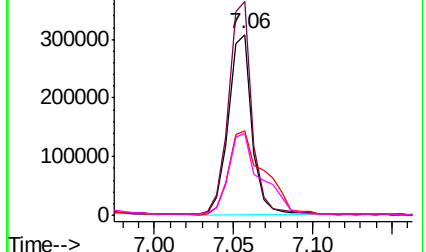
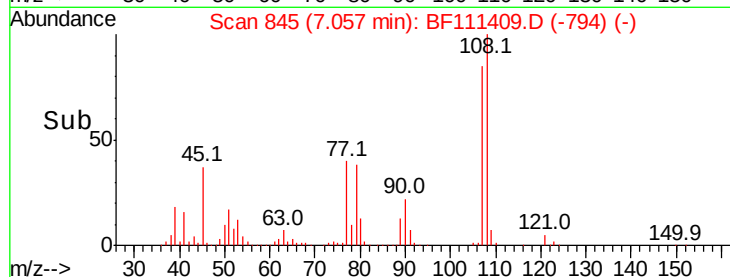


Abundance Ion 107.00 (106.70 to 107.70): E

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: 25.670 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.00 min

Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

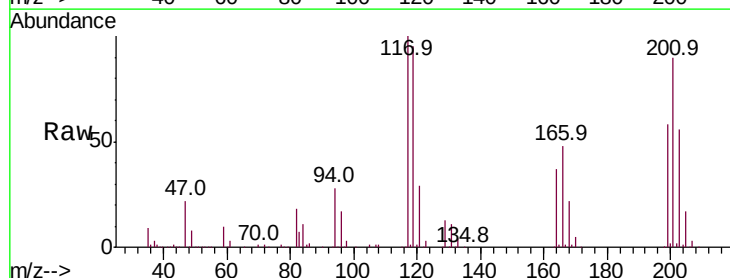
Tgt Ion:117 Resp: 166344

Ion Ratio Lower Upper

117 100

119 94.7 75.4 113.0

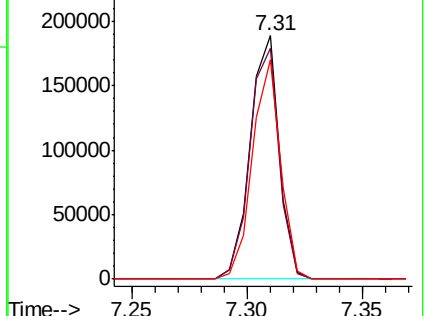
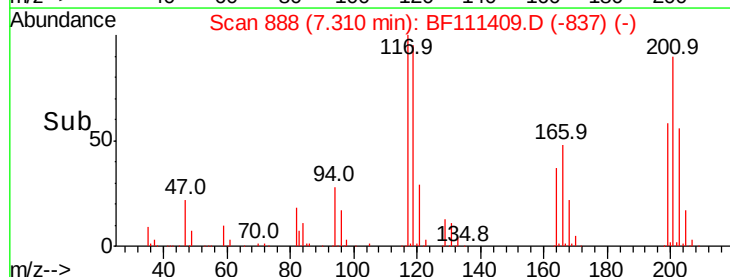
201 90.0 62.4 93.6

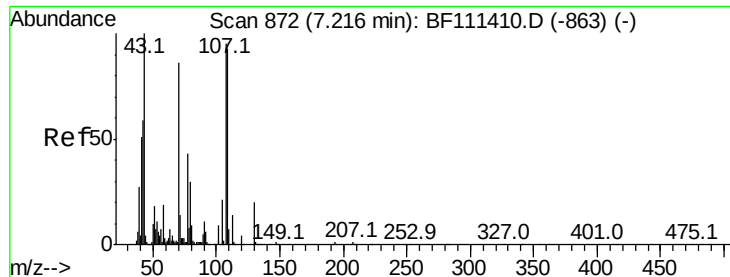


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

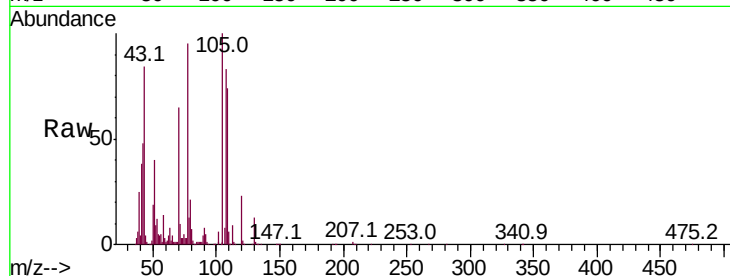




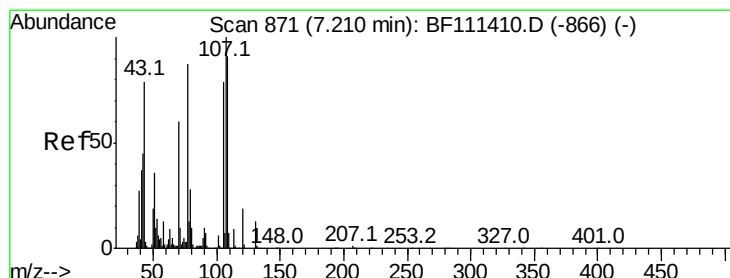
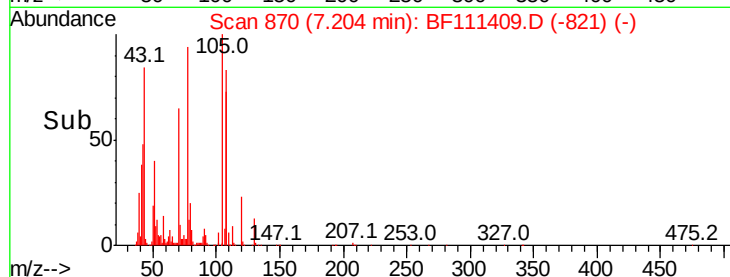
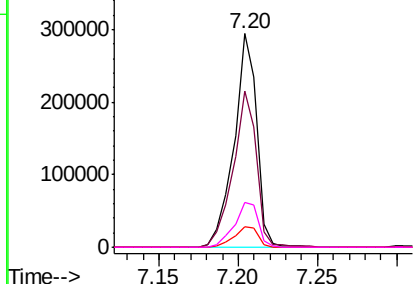
#19
n-Nitroso-di-n-propylamine
Concen: 25.202 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111409.D
Acq: 14 Dec 2018 10:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	292590
Ion	Ratio	Lower	Upper
70	100		
42	73.3	53.2	79.8
101	9.3	8.2	12.4
130	20.7	18.1	27.1

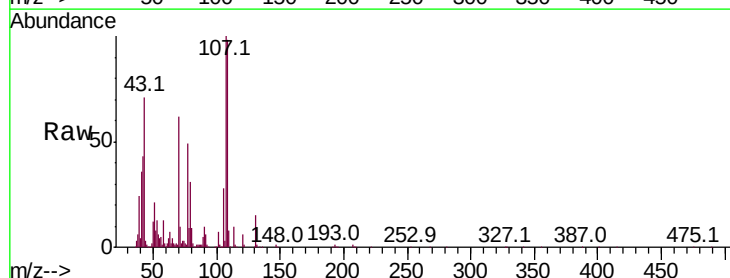


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

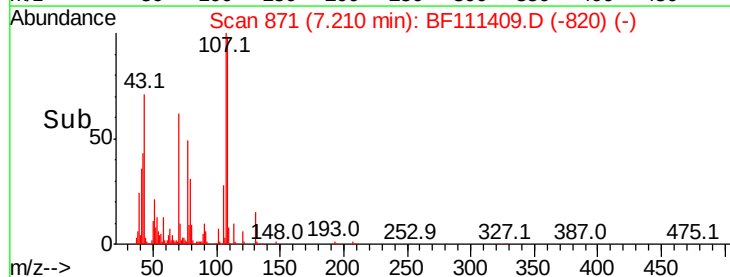
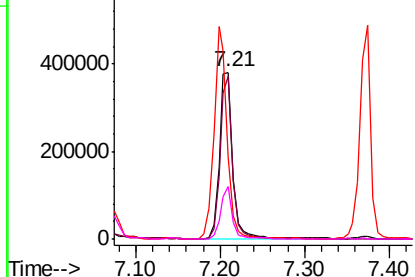


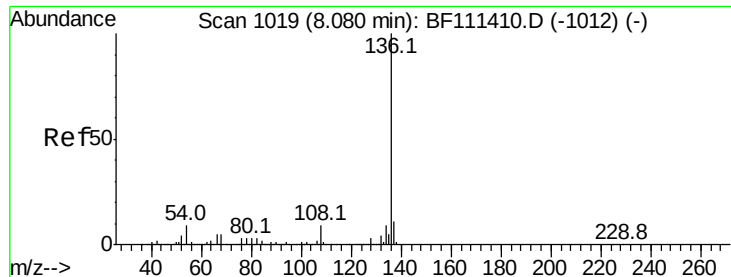
#20
3+4-Methylphenols
Concen: 27.233 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF111409.D
Acq: 14 Dec 2018 10:39

Tgt Ion:	107	Resp:	417970
Ion	Ratio	Lower	Upper
107	100		
108	98.0	72.1	112.1
77	49.3	94.1	134.1#
79	31.2	9.8	49.8



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 936444

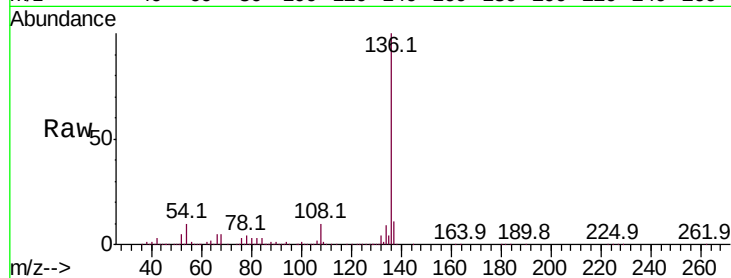
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 9.8 7.7 11.5

68 5.3 4.9 7.3

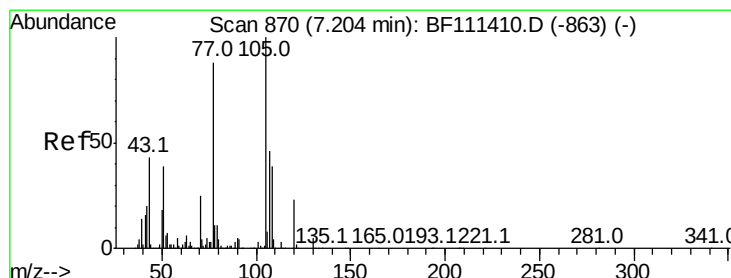
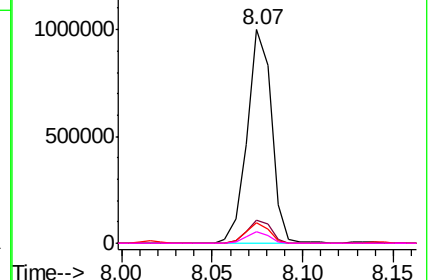
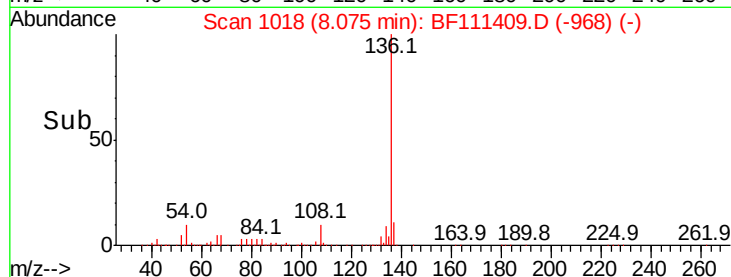


Abundance Ion 136.00 (135.70 to 136.70): E

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: 25.943 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

Tgt Ion:105 Resp: 564327

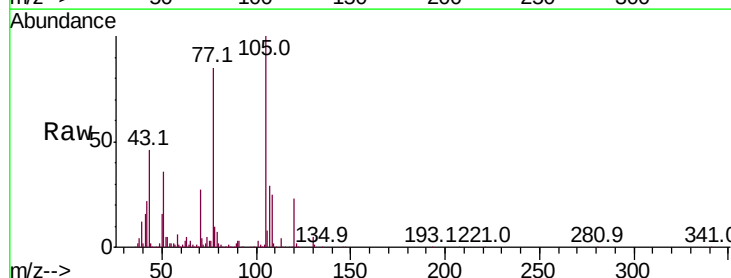
Ion Ratio Lower Upper

105 100

71 4.4 3.1 4.7

51 36.1 36.6 54.8#

120 22.9 18.2 27.4

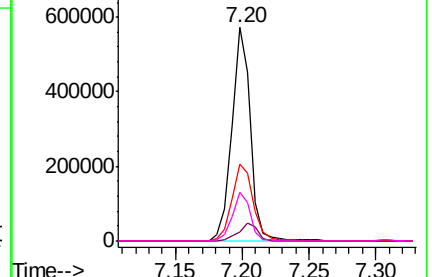
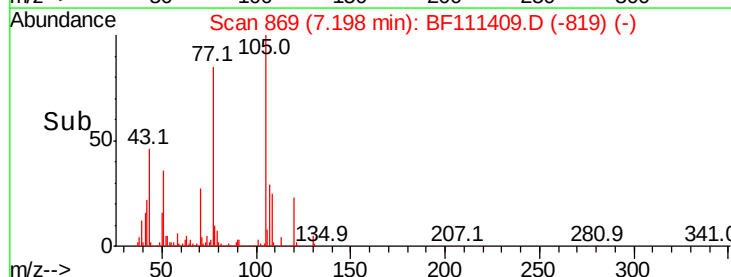


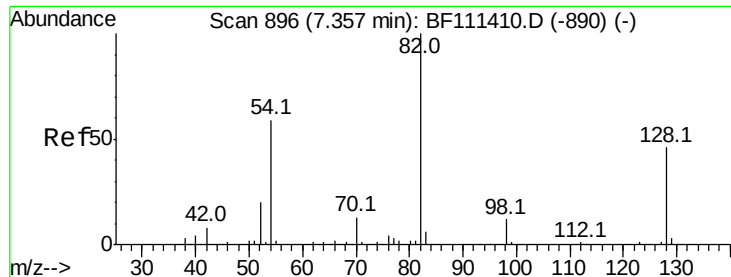
Abundance Ion 105.00 (104.70 to 105.70): E

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

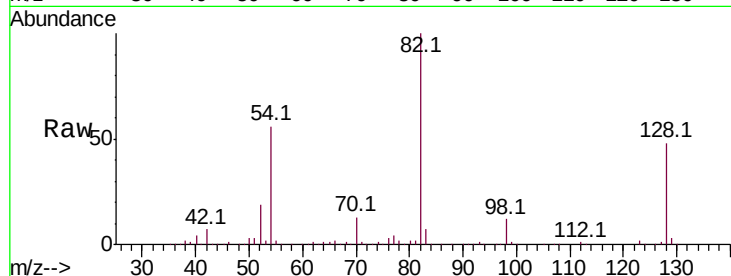




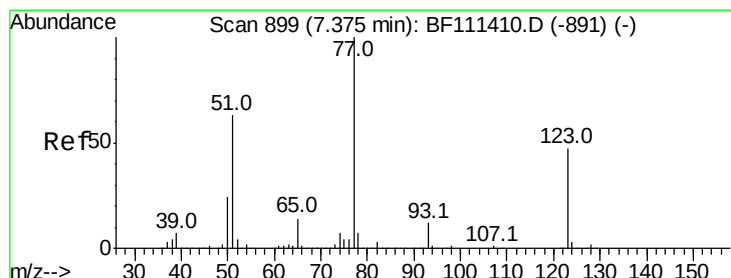
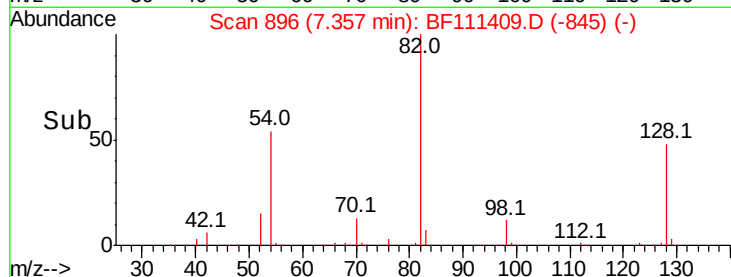
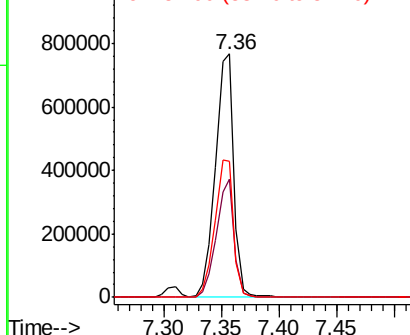
#23
Nitrobenzene-d5
Concen: 50.993 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF111409.D
Acq: 14 Dec 2018 10:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 847214
Ion Ratio Lower Upper
82 100
128 48.3 37.4 56.2
54 55.7 47.6 71.4

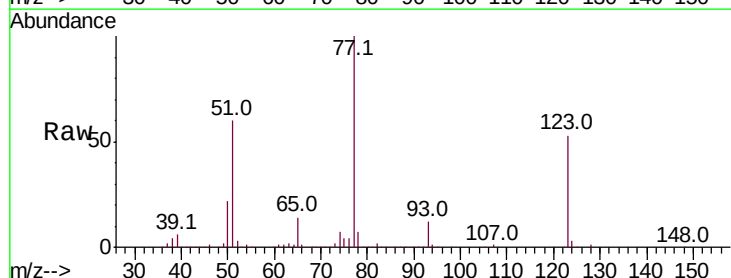


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

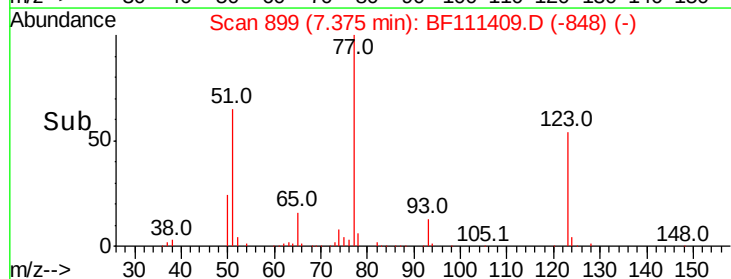
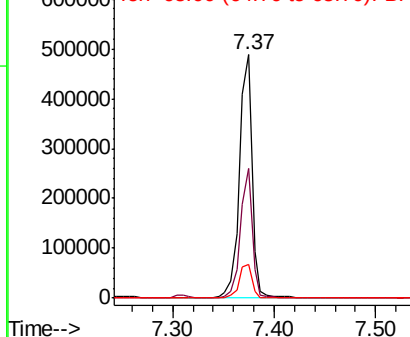


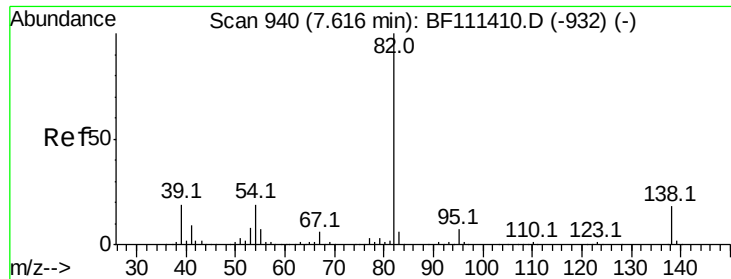
#24
Nitrobenzene
Concen: 24.612 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF111409.D
Acq: 14 Dec 2018 10:39

Tgt Ion: 77 Resp: 421199
Ion Ratio Lower Upper
77 100
123 53.3 37.2 55.8
65 13.8 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: 24.484 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

Instrument :

BNA_F

ClientSampleId :

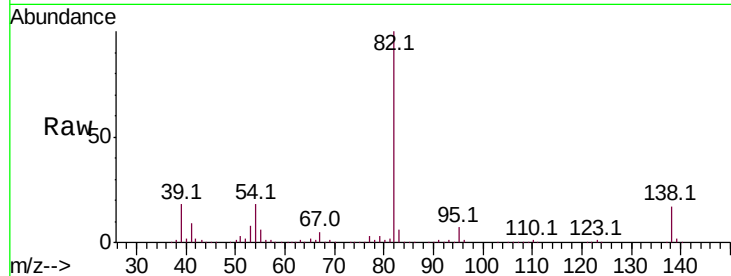
Tot Ion: 82 Resp: 690981

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

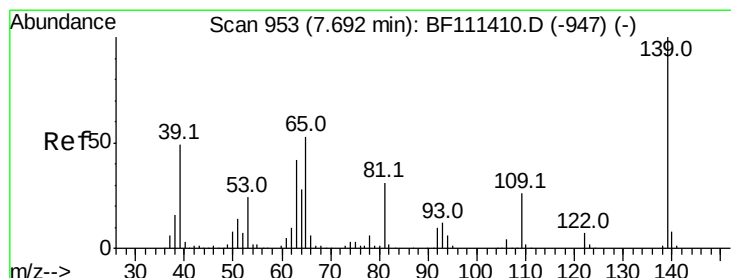
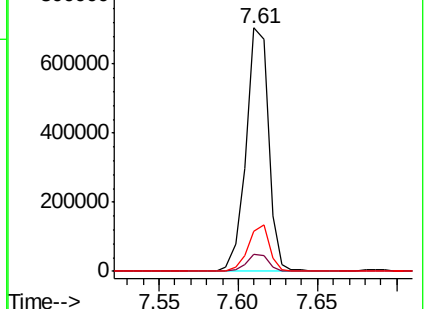
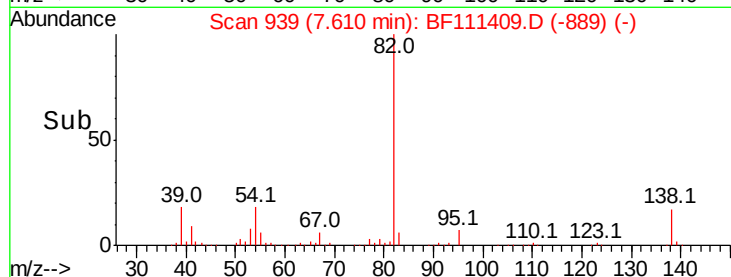
138 16.6 15.1 22.7



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: 26.458 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

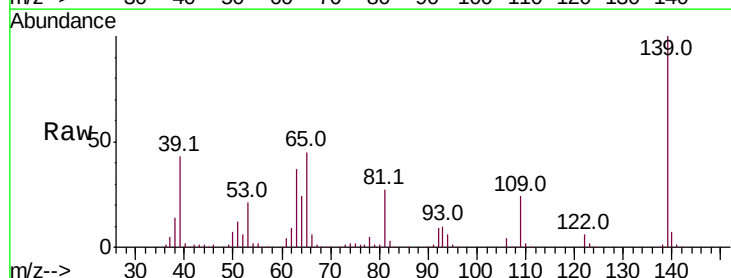
Tgt Ion: 139 Resp: 222565

Ion Ratio Lower Upper

139 100

109 23.6 20.2 30.4

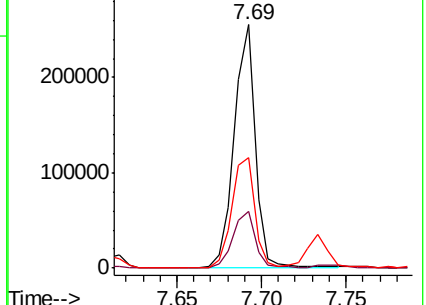
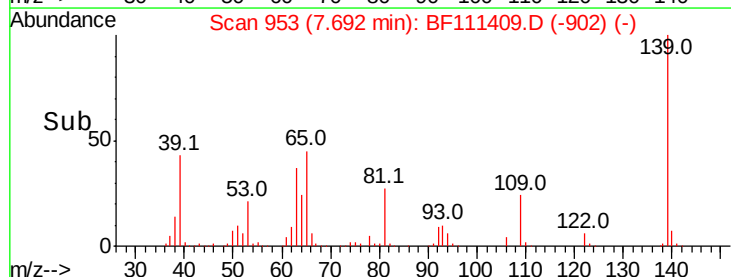
65 45.4 40.7 61.1

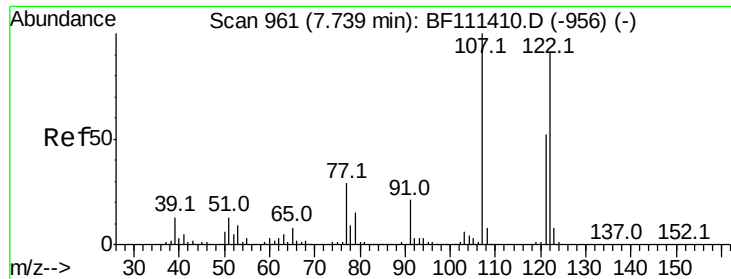


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

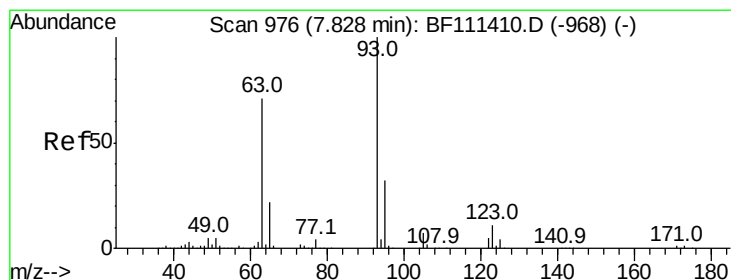
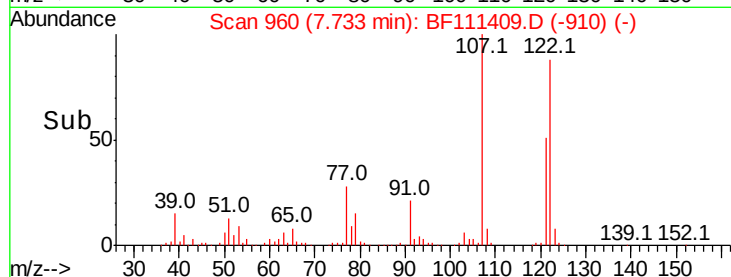
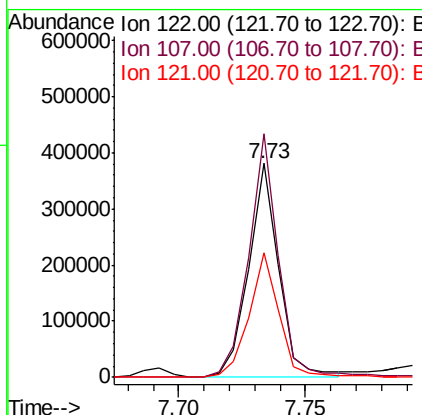
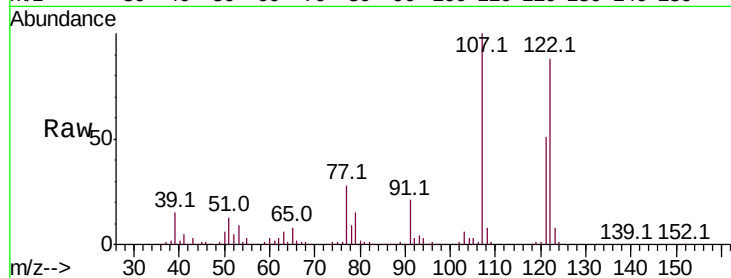




#27
 2,4-Dimethylphenol
 Concen: 24.830 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF111409.D
 Acq: 14 Dec 2018 10:39

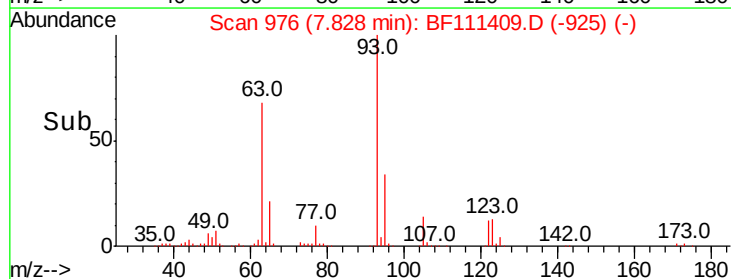
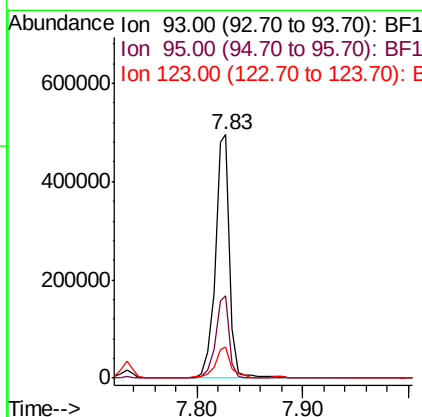
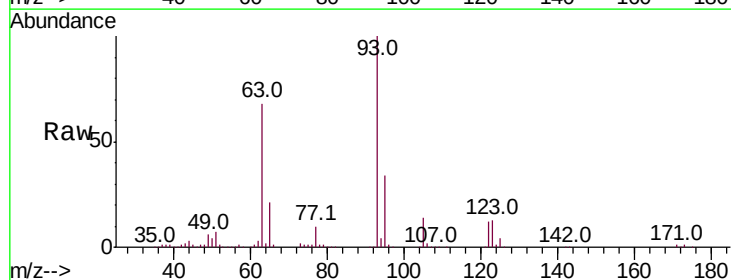
Instrument :
 BNA_F
 ClientSampled :

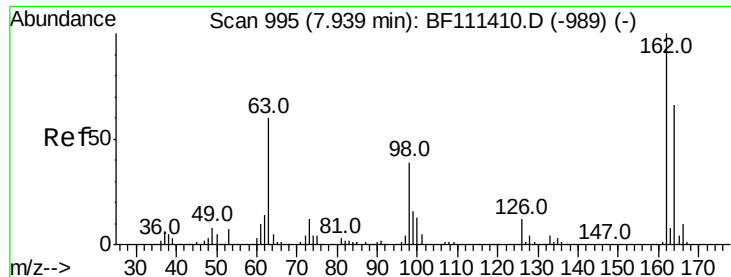
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.9	85.5	128.3
121	58.3	46.6	70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 24.862 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF111409.D
 Acq: 14 Dec 2018 10:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	27.1	40.7
123	12.9	9.9	14.9

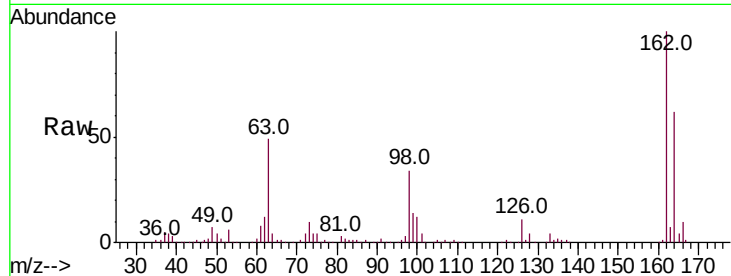




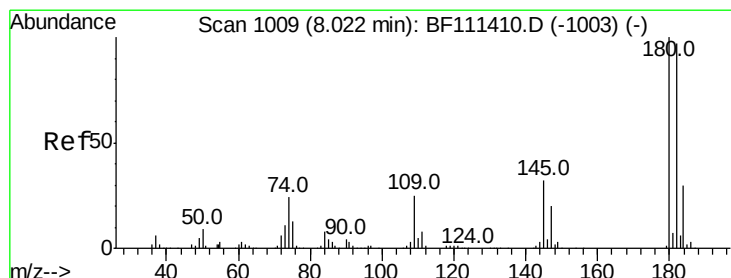
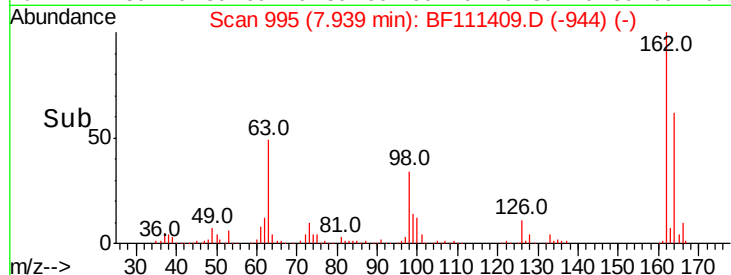
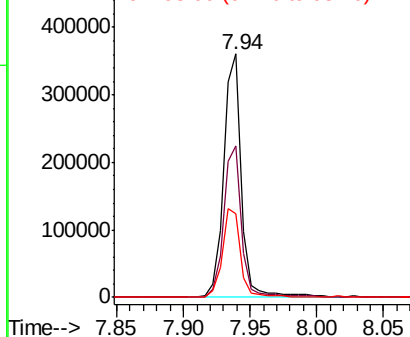
#29
 2,4-Dichlorophenol
 Concen: 25.549 ng
 RT: 7.94 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF111409.D
 Acq: 14 Dec 2018 10:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	44.4	84.4
98	34.3	20.3	60.3

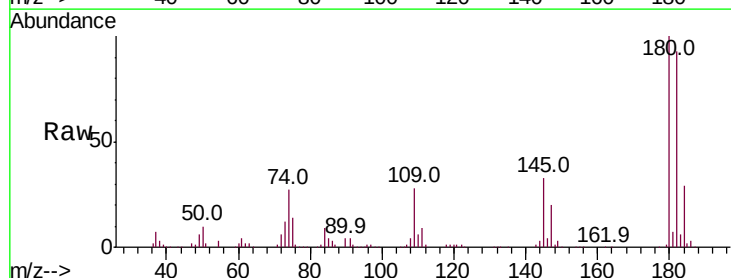


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

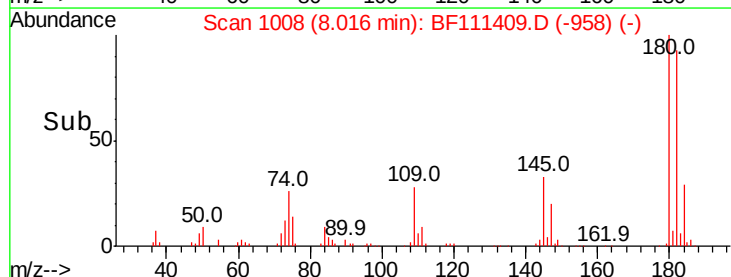
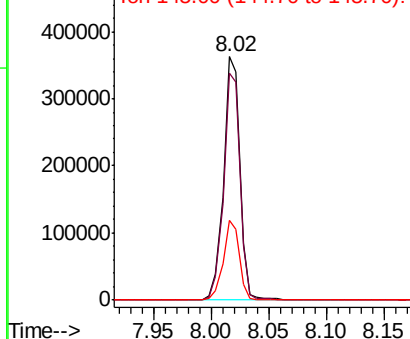


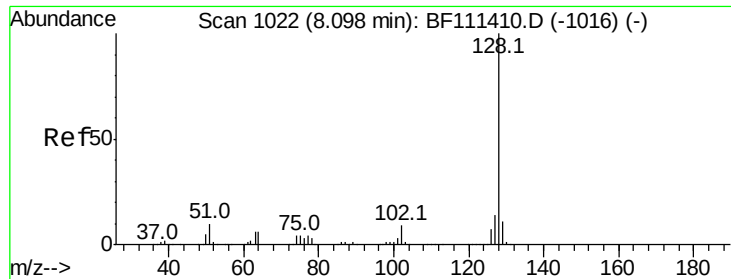
#30
 1,2,4-Trichlorobenzene
 Concen: 26.125 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF111409.D
 Acq: 14 Dec 2018 10:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	75.6	113.4
145	32.9	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

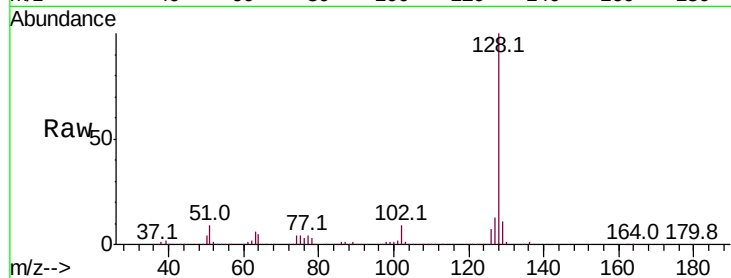




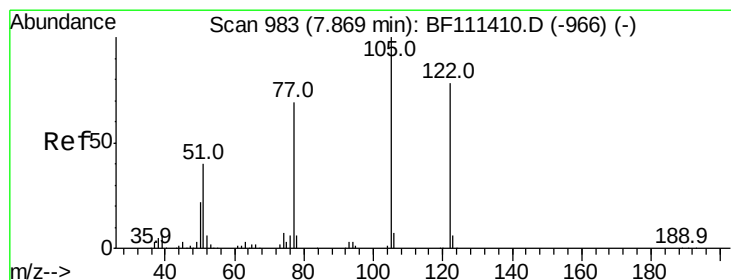
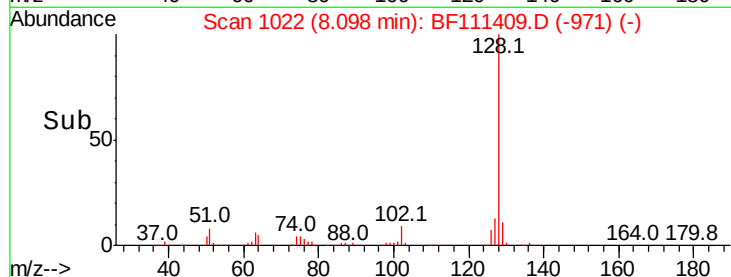
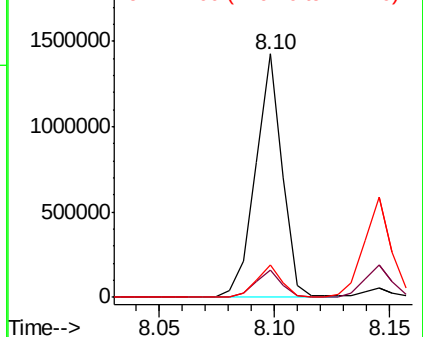
#31
Naphthalene
Concen: 26.439 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF111409.D
Acq: 14 Dec 2018 10:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1153509
Ion Ratio Lower Upper
128 100
129 11.1 9.8 14.8
127 13.1 12.0 18.0

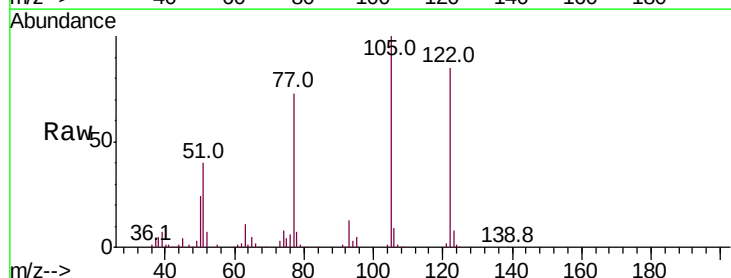


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

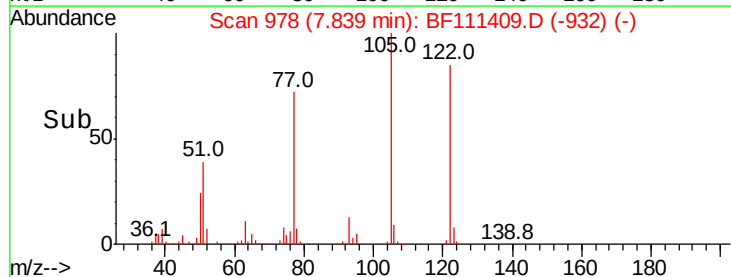
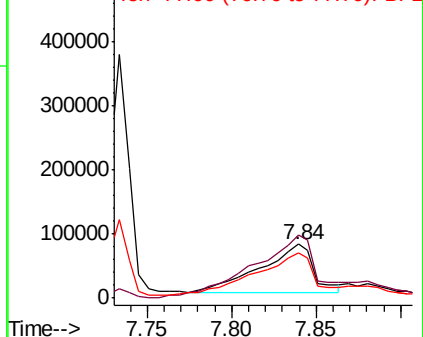


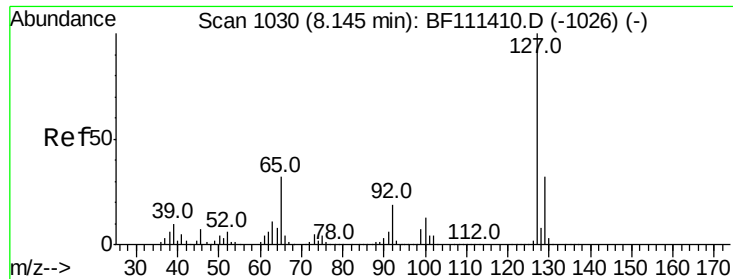
#32
Benzoic acid
Concen: 15.282 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.03 min
Lab File: BF111409.D
Acq: 14 Dec 2018 10:39

Tgt Ion:122 Resp: 162213
Ion Ratio Lower Upper
122 100
105 117.4 97.0 137.0
77 85.2 65.7 105.7



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

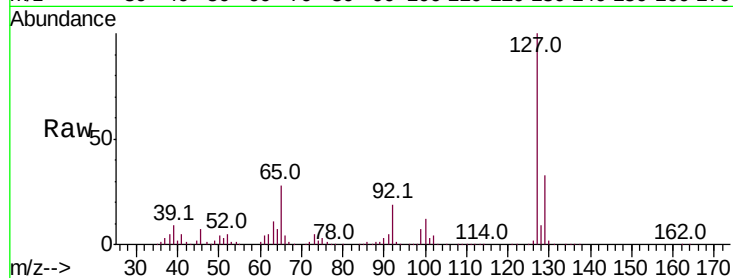




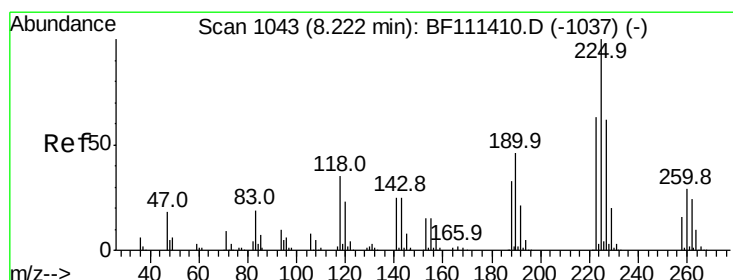
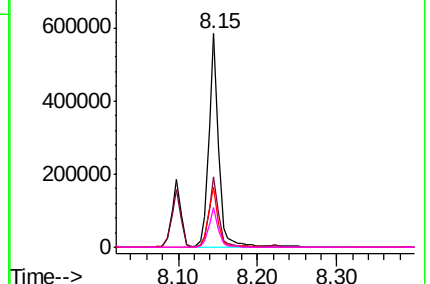
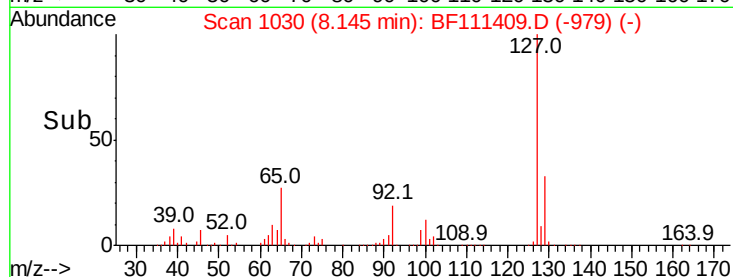
#33
4-Chloroaniline
Concen: 27.271 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF111409.D
Acq: 14 Dec 2018 10:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp: 508133
Ion Ratio	Lower Upper
127 100	
129 32.8	26.6 39.8
65 28.1	25.7 38.5
92 18.5	15.4 23.2

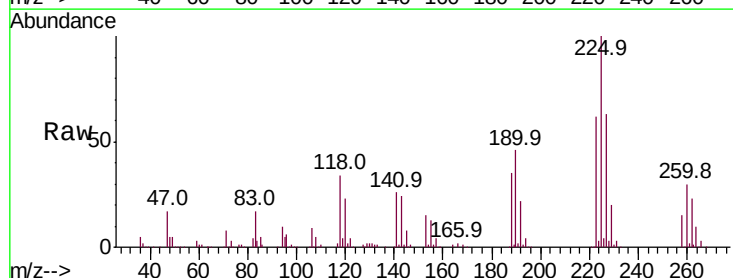


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

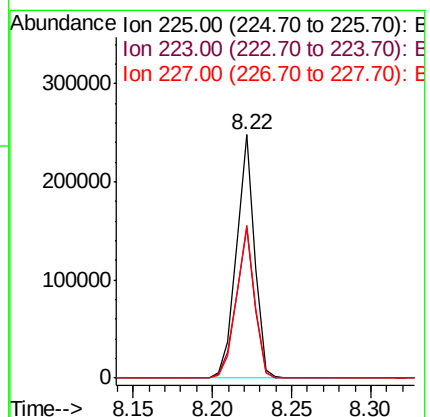
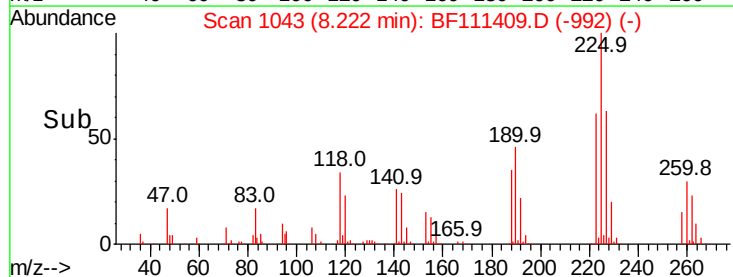


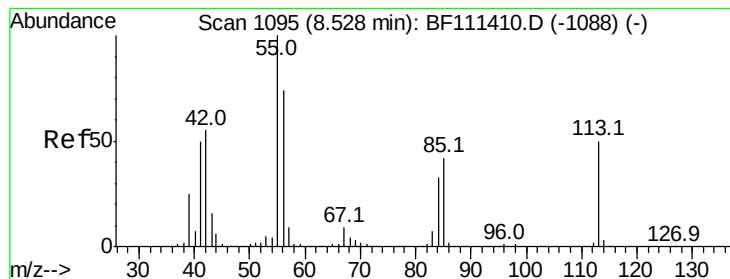
#34
Hexachlorobutadiene
Concen: 26.083 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF111409.D
Acq: 14 Dec 2018 10:39

Tgt Ion:225	Resp: 198039
Ion Ratio	Lower Upper
225 100	
223 61.6	50.7 76.1
227 62.6	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: 26.781 ng

RT: 8.51 min Scan# 1092

Delta R.T. -0.02 min

Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

Instrument :

BNA_F

ClientSampleId :

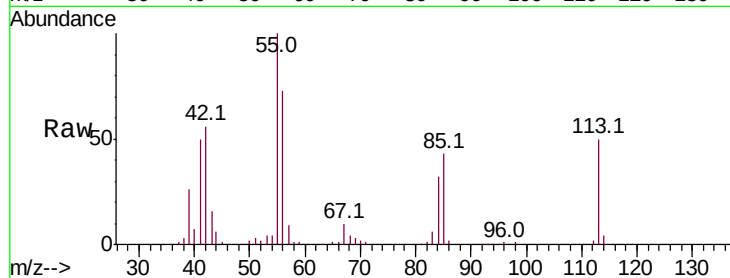
Tot Ion:113 Resp: 124997

Ion Ratio Lower Upper

113 100

55 199.5 184.1 224.1

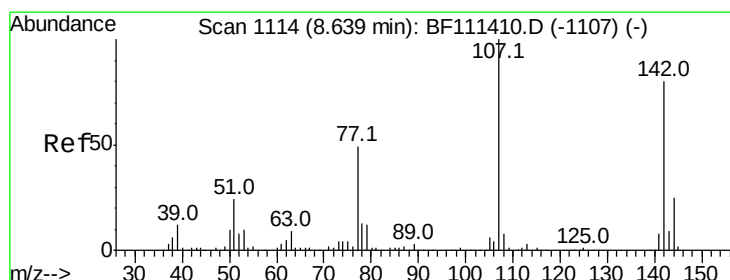
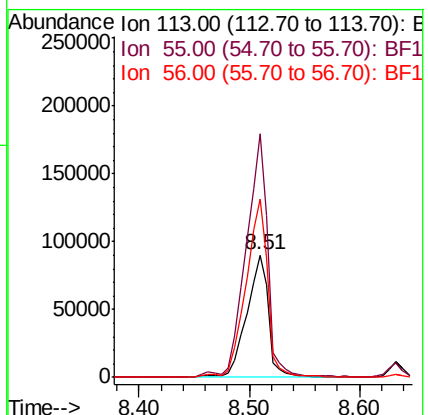
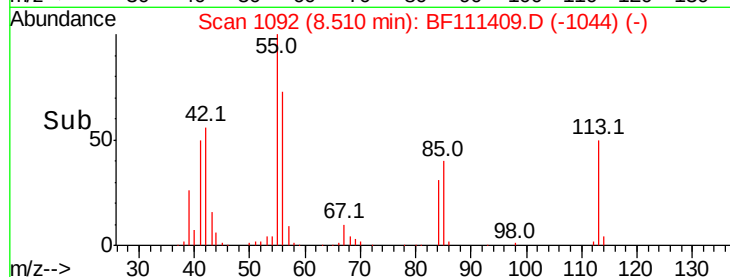
56 145.6 126.0 166.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 26.280 ng

RT: 8.63 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

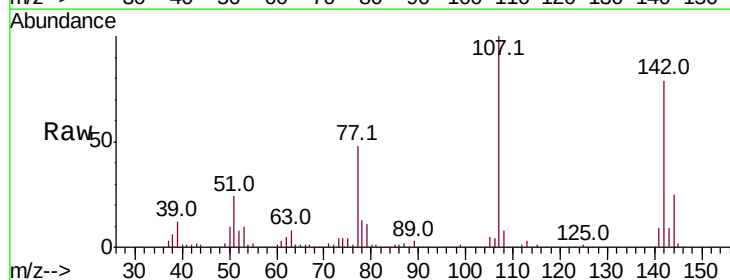
Tgt Ion:107 Resp: 373035

Ion Ratio Lower Upper

107 100

144 24.7 19.8 29.6

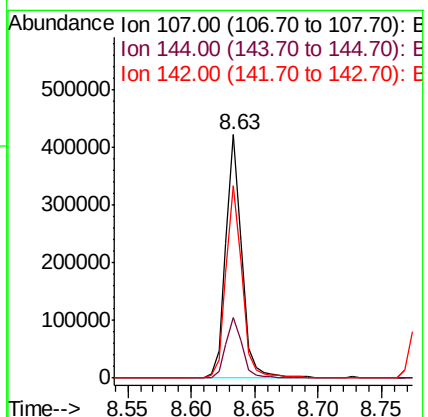
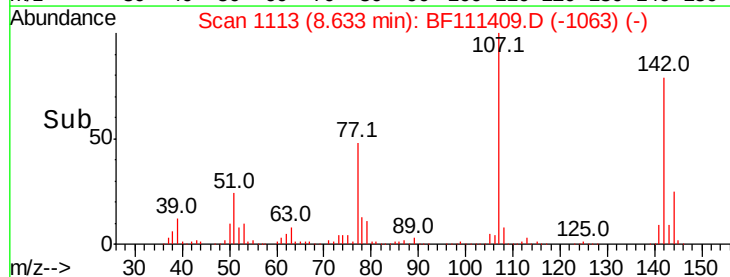
142 79.2 62.3 93.5

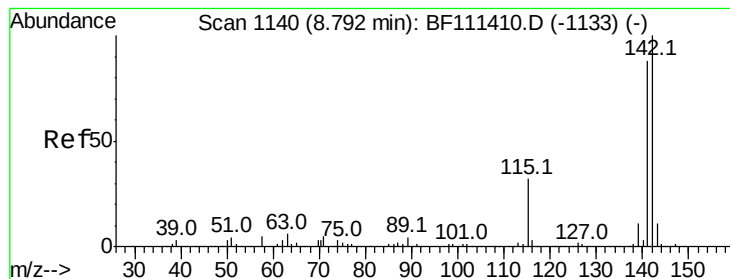


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 33.070 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

Instrument :

BNA_F

ClientSampled :

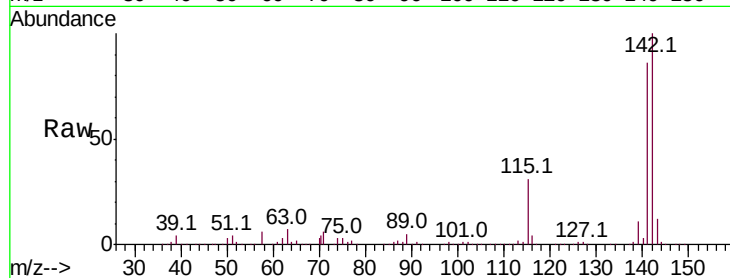
Tot Ion:142 Resp: 932689

Ion Ratio Lower Upper

142 100

141 86.0 70.6 105.8

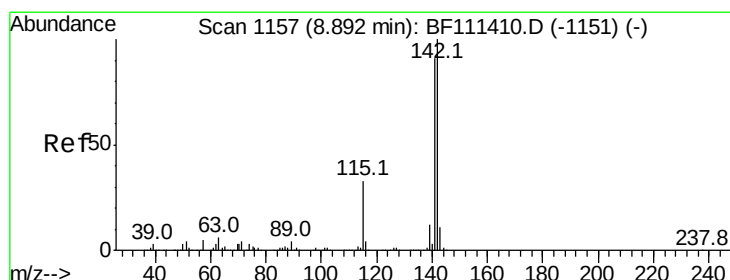
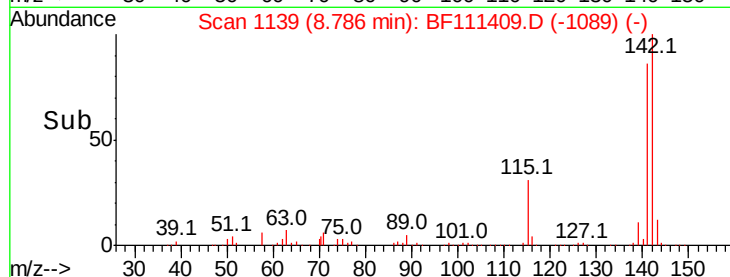
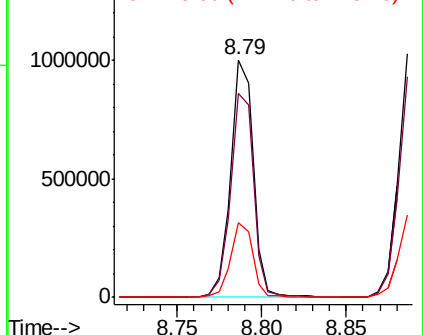
115 31.4 27.0 40.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 32.848 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

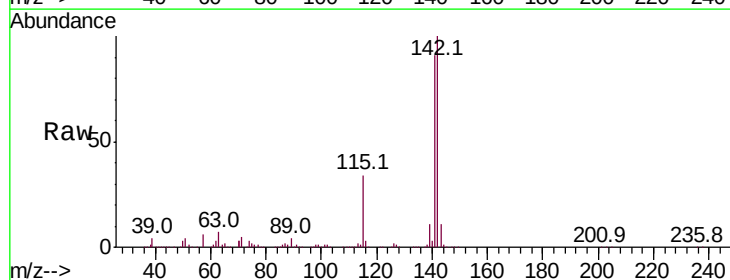
Tgt Ion:142 Resp: 894135

Ion Ratio Lower Upper

142 100

141 90.5 74.2 111.4

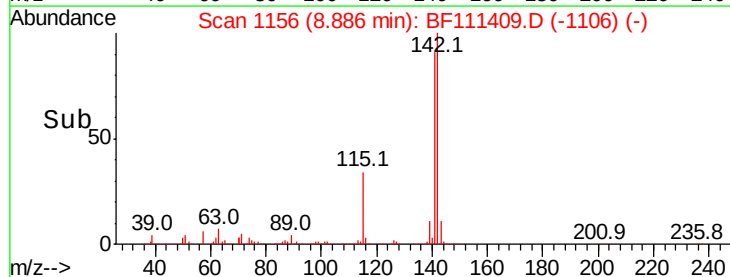
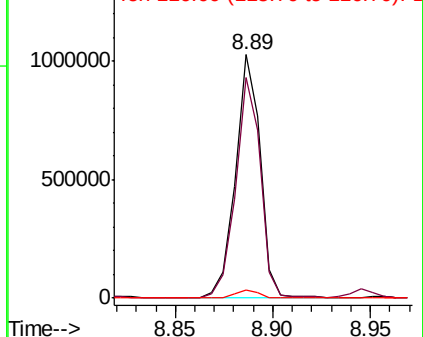
116 3.4 2.9 4.3

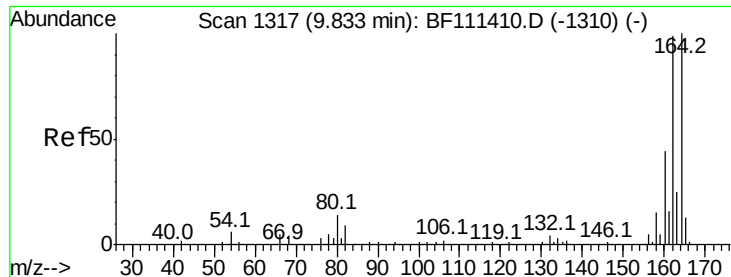


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

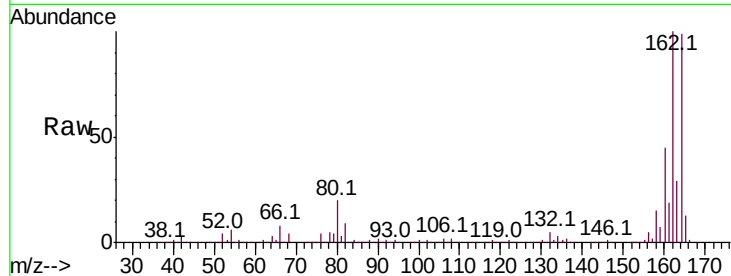




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF111409.D
Acq: 14 Dec 2018 10:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.4	122.0
160	45.9	35.7	53.5

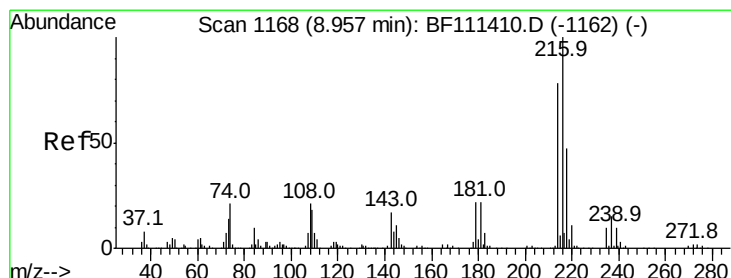
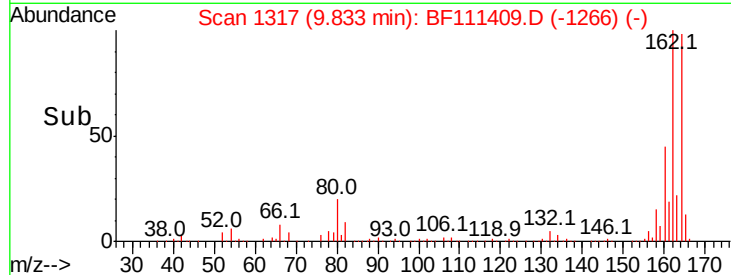
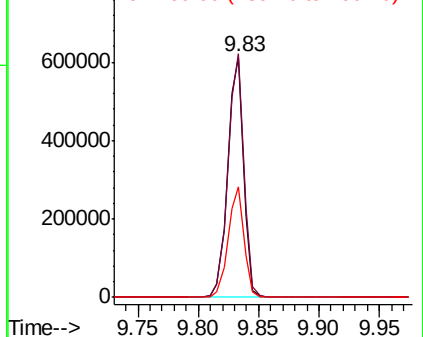


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 25.883 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF111409.D
Acq: 14 Dec 2018 10:39

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.8	95.8
179	21.7	17.9	26.9
108	21.4	18.4	27.6

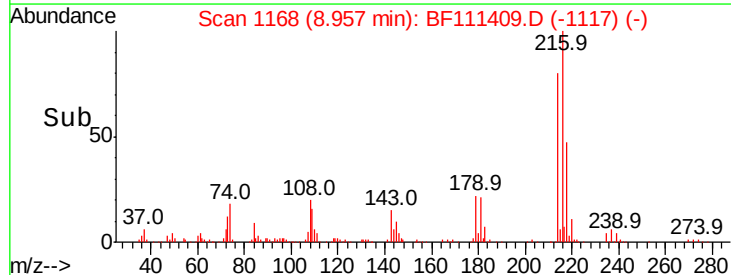
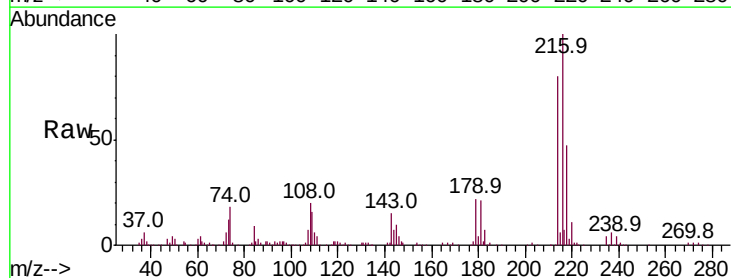
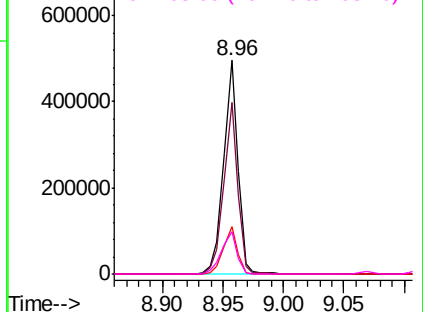
Abundance

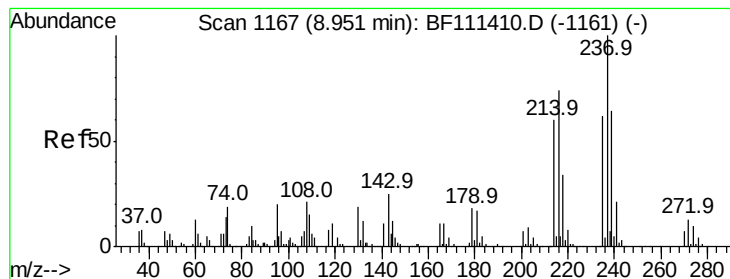
Ion 216.00 (215.70 to 216.70): E

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: 25.245 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

Instrument :

BNA_F

ClientSampleId :

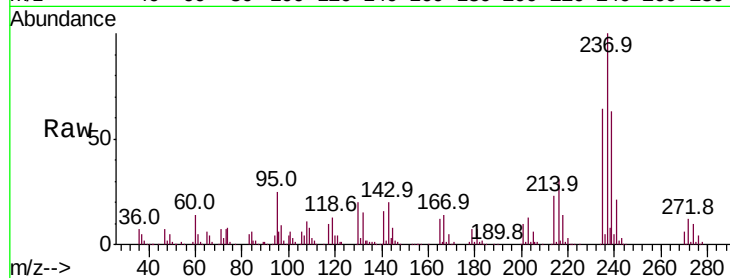
Tot Ion:237 Resp: 207246

Ion Ratio Lower Upper

237 100

235 63.7 43.1 83.1

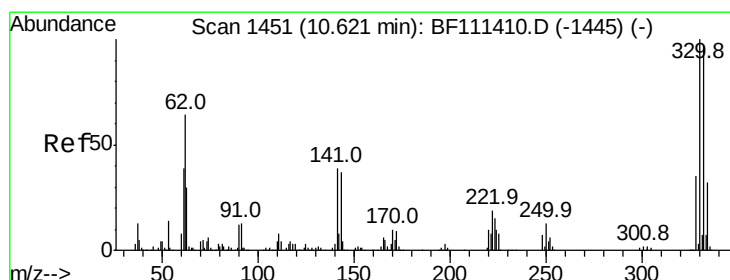
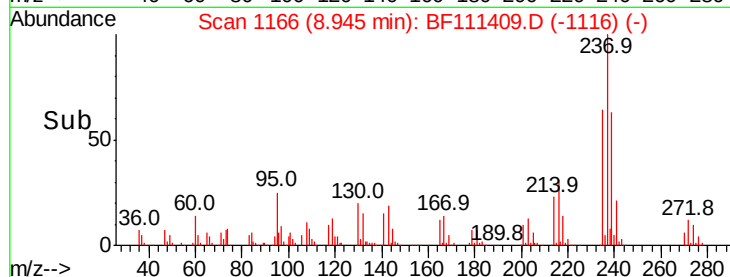
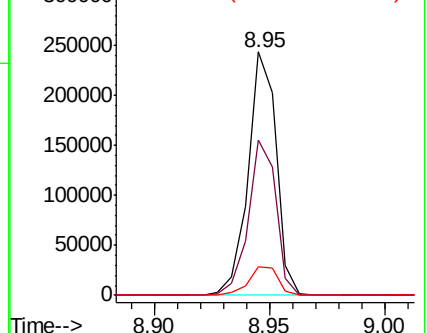
272 12.0 0.0 33.0



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: 54.660 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

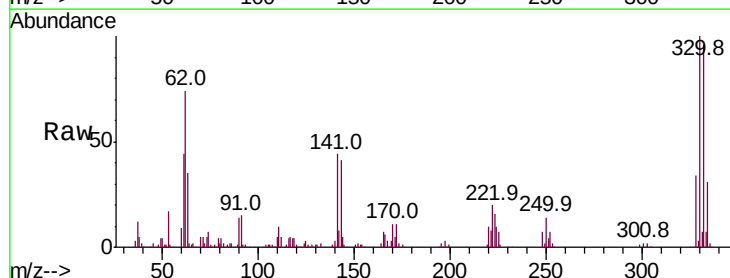
Tgt Ion:330 Resp: 269492

Ion Ratio Lower Upper

330 100

332 94.4 76.0 114.0

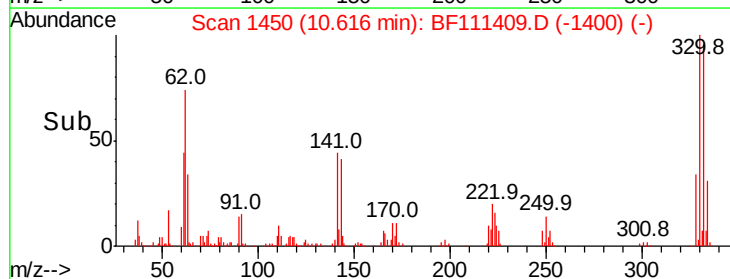
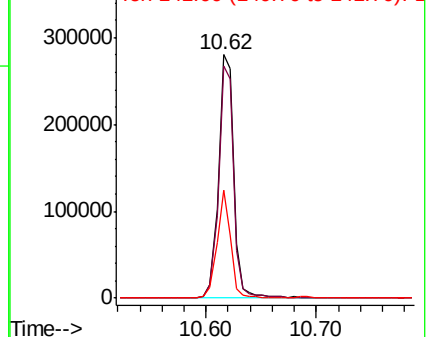
141 38.7 31.0 46.6

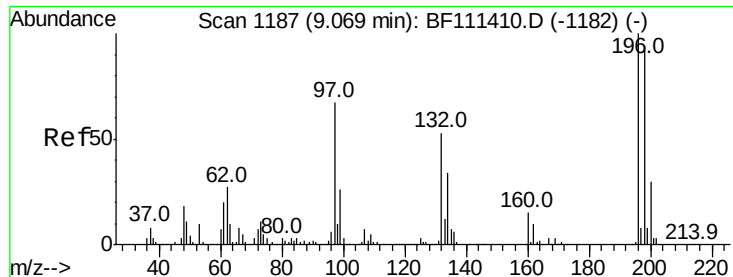


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

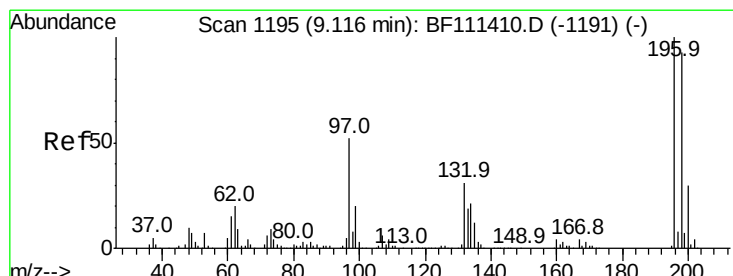
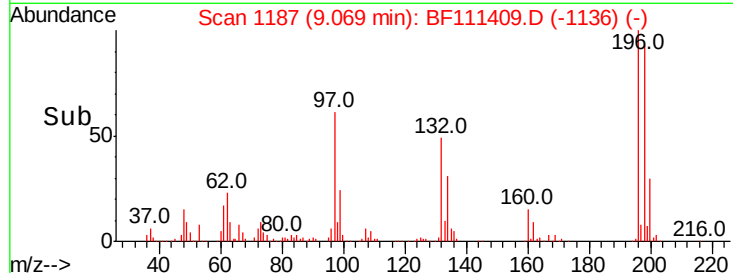
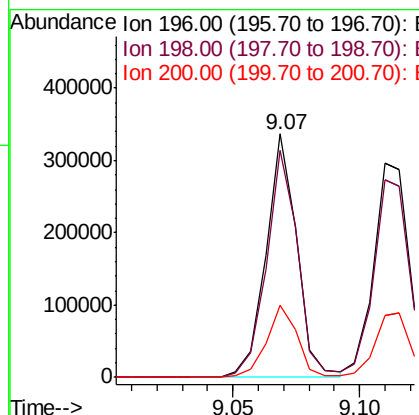
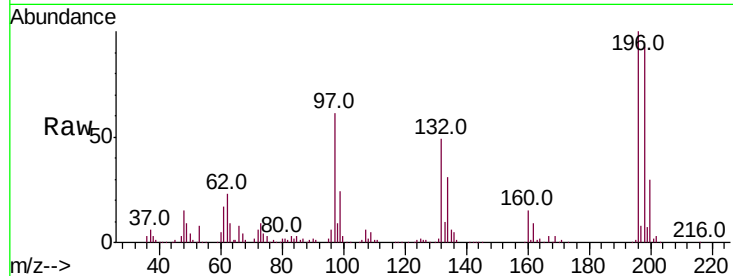




#43
 2,4,6-Trichlorophenol
 Concen: 25.441 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF111409.D
 Acq: 14 Dec 2018 10:39

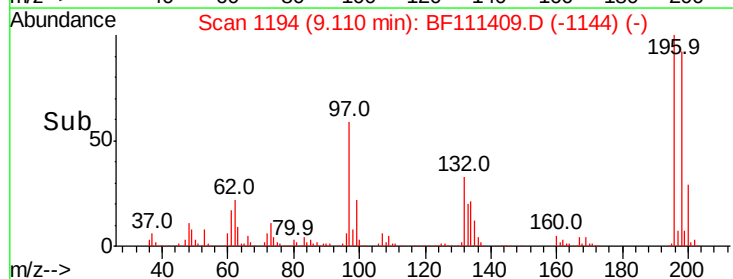
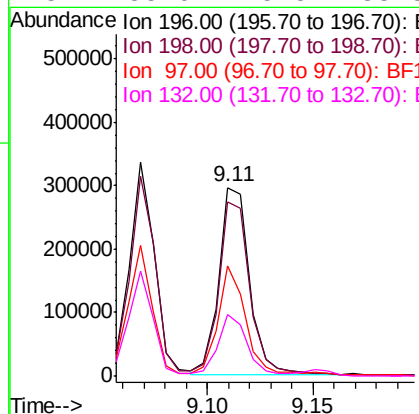
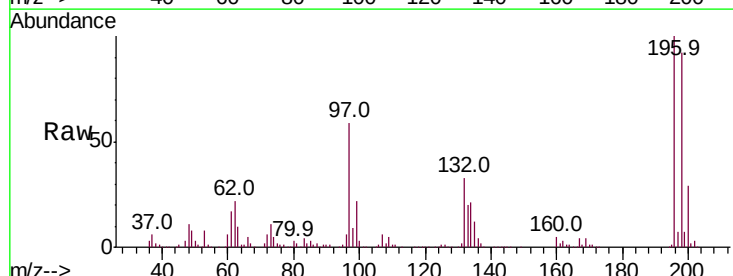
Instrument :
 BNA_F
 ClientSampleId :

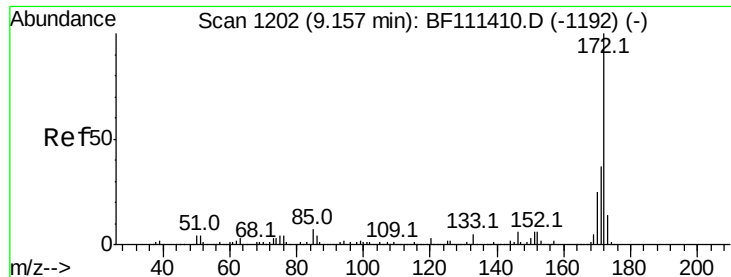
Tot Ion:	196	Resp:	286274
Ion	Ratio	Lower	Upper
196	100		
198	93.4	76.3	114.5
200	29.8	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 25.032 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF111409.D
 Acq: 14 Dec 2018 10:39

Tgt Ion:	196	Resp:	297694
Ion	Ratio	Lower	Upper
196	100		
198	92.2	72.9	109.3
97	58.5	45.3	67.9
132	33.0	25.5	38.3

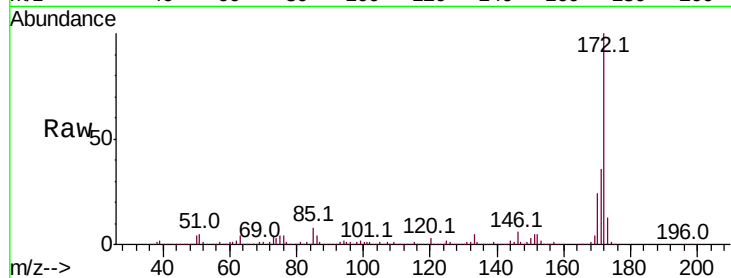




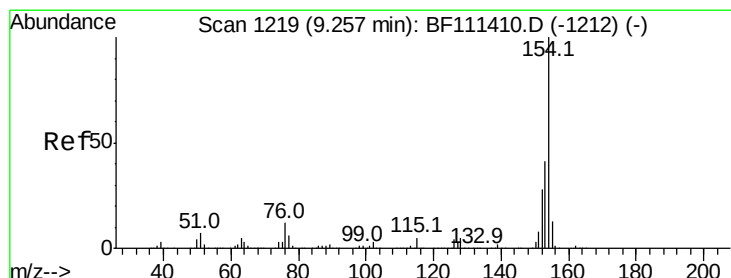
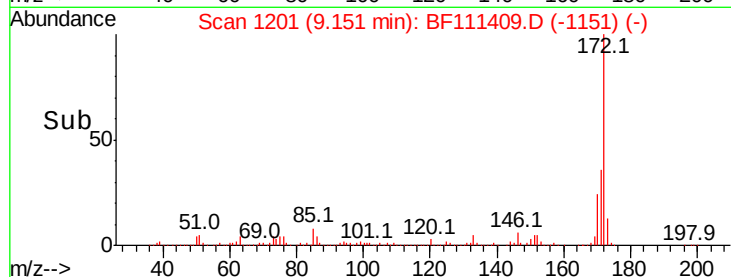
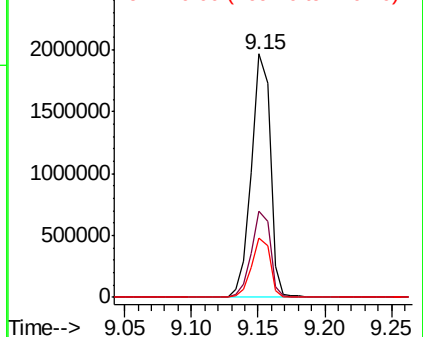
#45
2-Fluorobiphenyl
Concen: 54.699 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111409.D
Acq: 14 Dec 2018 10:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1905535
Ion Ratio Lower Upper
172 100
171 35.5 33.0 49.4
170 24.1 22.3 33.5

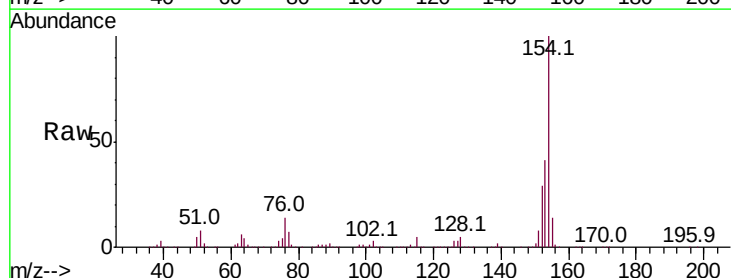


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

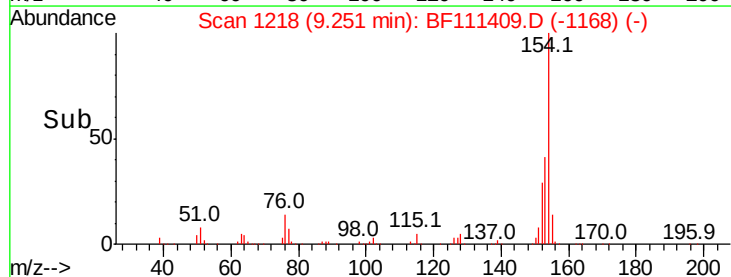
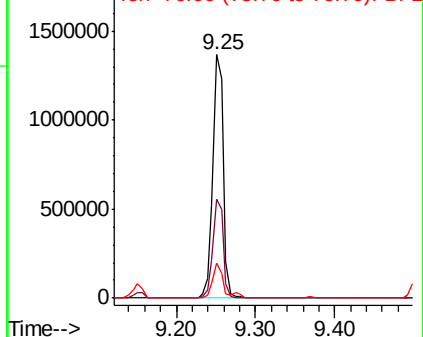


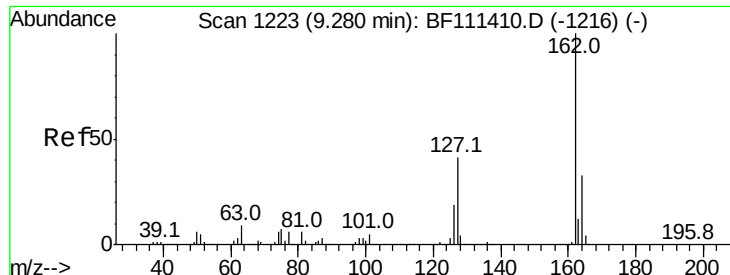
#46
1,1'-Biphenyl
Concen: 26.155 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111409.D
Acq: 14 Dec 2018 10:39

Tgt Ion:154 Resp: 1248119
Ion Ratio Lower Upper
154 100
153 40.8 23.7 63.7
76 14.4 0.0 35.0



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

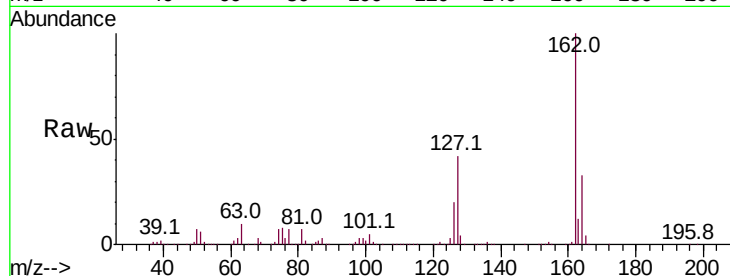




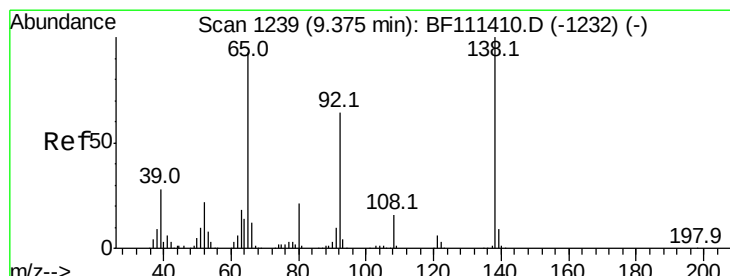
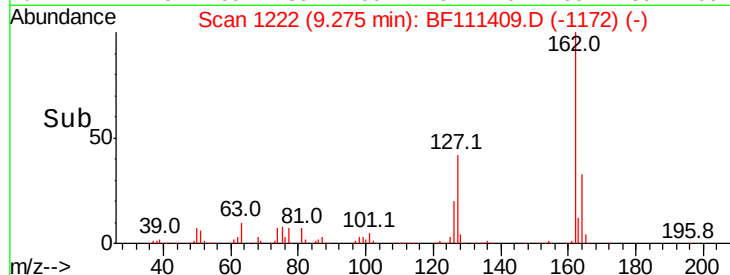
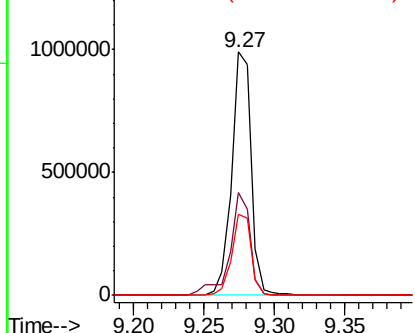
#47
 2-Chloronaphthalene
 Concen: 26.046 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF111409.D
 Acq: 14 Dec 2018 10:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.3	35.0	52.4
164	33.4	28.4	42.6

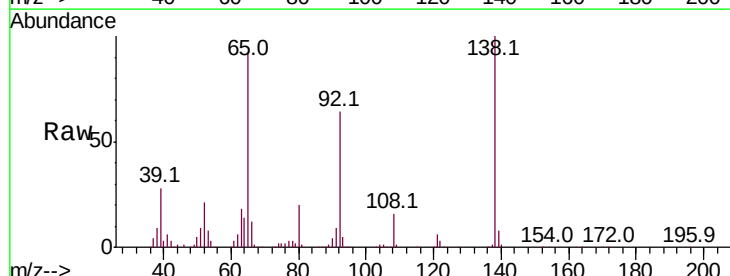


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

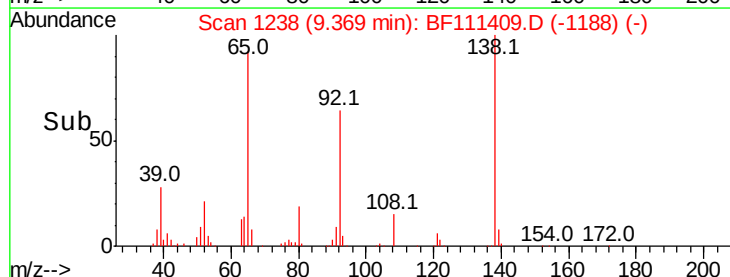
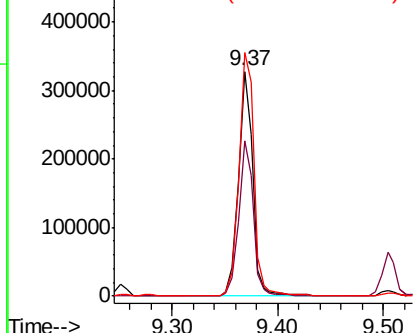


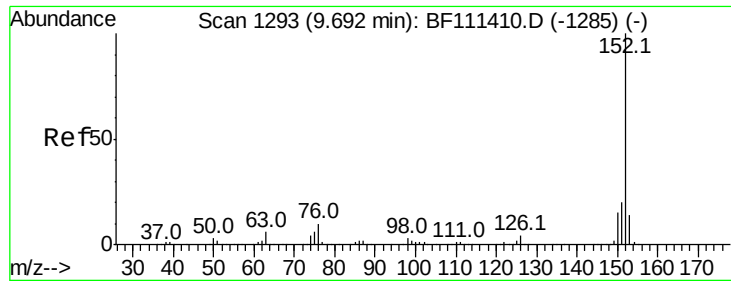
#48
 2-Nitroaniline
 Concen: 25.420 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF111409.D
 Acq: 14 Dec 2018 10:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.0	53.5	80.3
138	108.3	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: 26.627 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

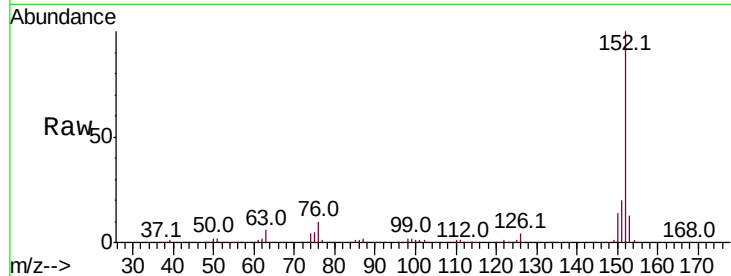
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 1421721

Ion	Ratio	Lower	Upper
152	100		
151	20.4	18.0	27.0
153	13.1	12.3	18.5

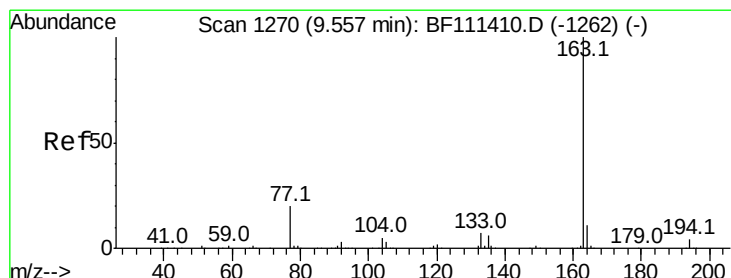
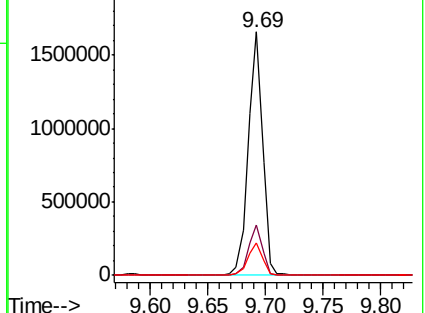
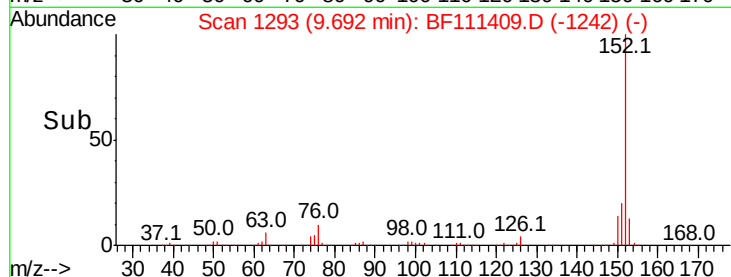


Abundance

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: 25.993 ng

RT: 9.55 min Scan# 1269

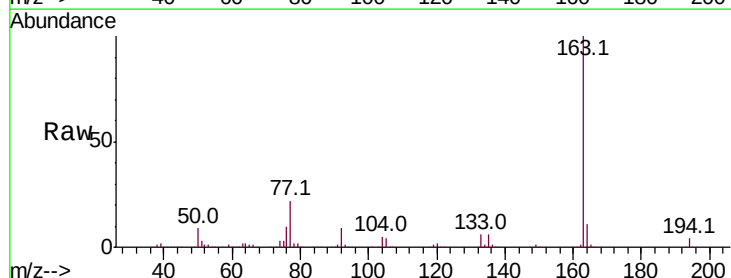
Delta R.T. -0.01 min

Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

Tgt Ion:163 Resp: 1045437

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.7	8.9	13.3

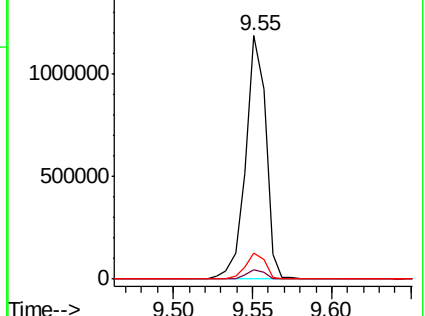
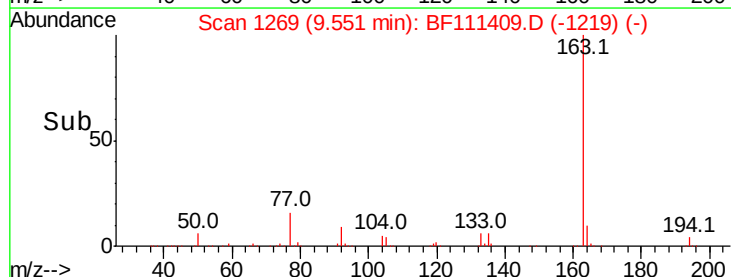


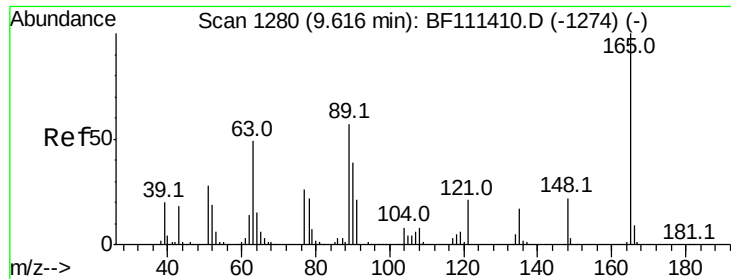
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 27.104 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

Instrument :

BNA_F

ClientSampled :

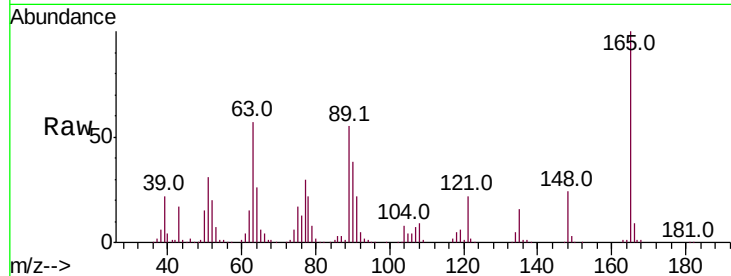
Tot Ion:165 Resp: 241642

Ion Ratio Lower Upper

165 100

63 57.5 40.5 60.7

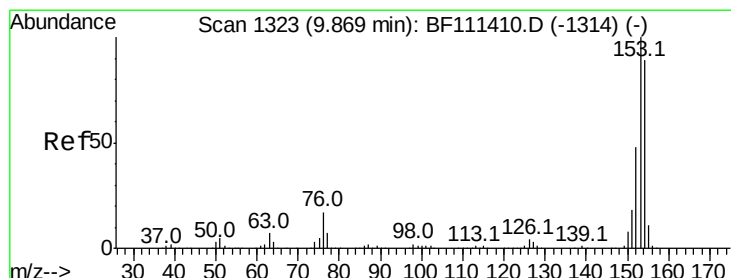
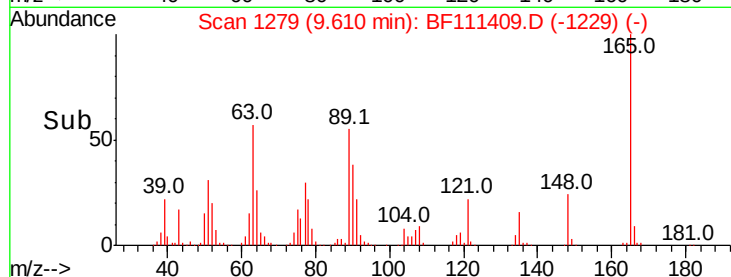
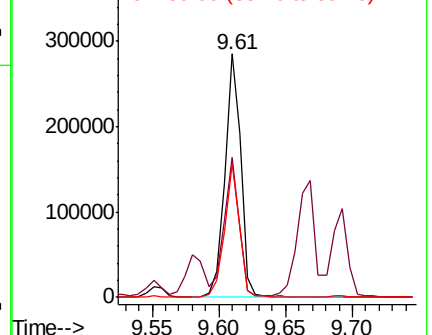
89 54.6 40.0 60.0



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: 26.303 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

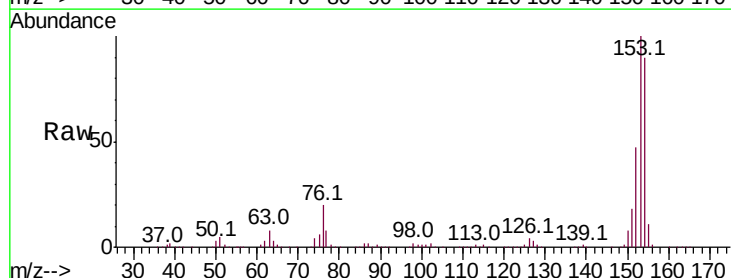
Tgt Ion:154 Resp: 885824

Ion Ratio Lower Upper

154 100

153 111.5 87.8 131.8

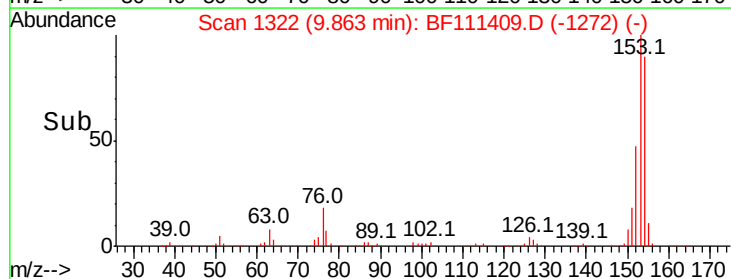
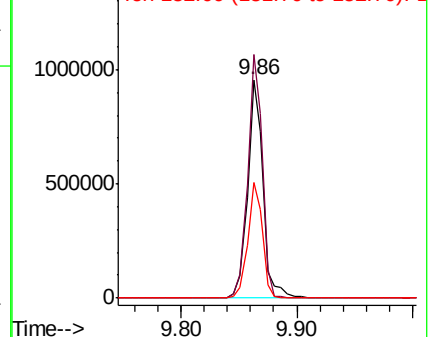
152 52.9 43.4 65.2

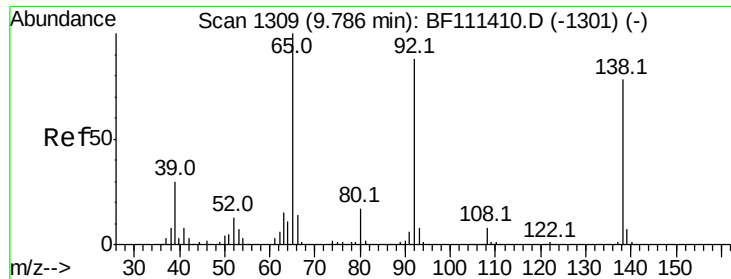


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

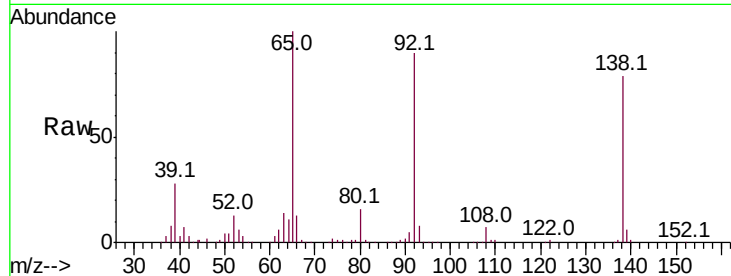




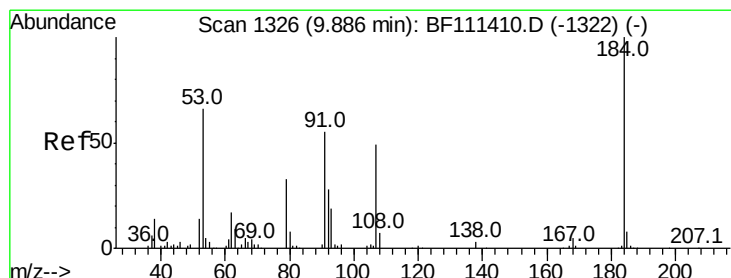
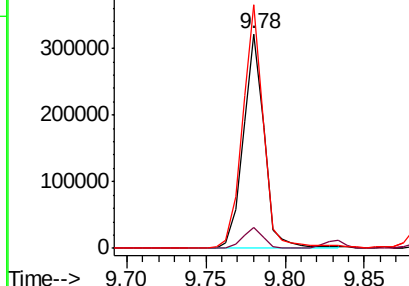
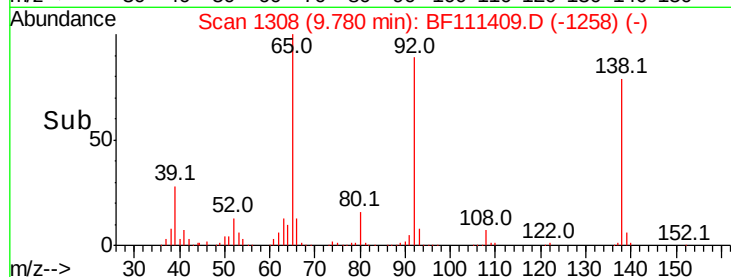
#53
3-Nitroaniline
Concen: 27.146 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF111409.D
Acq: 14 Dec 2018 10:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 290891
Ion Ratio Lower Upper
138 100
108 9.5 8.2 12.4
92 113.6 93.4 140.2

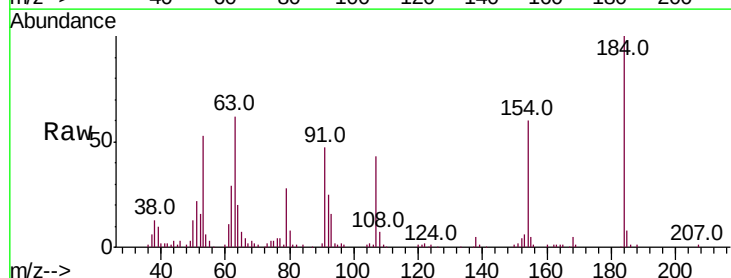


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

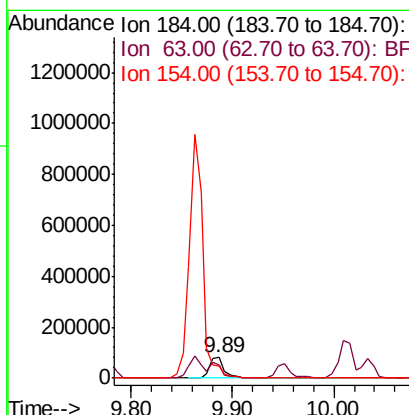
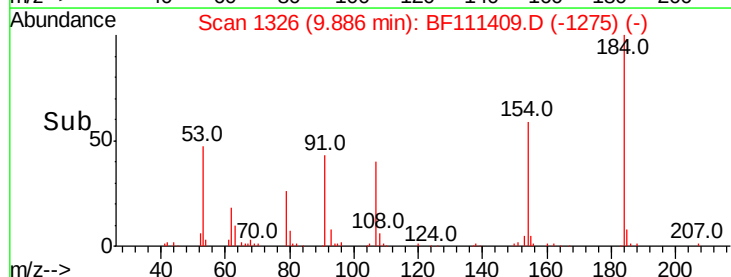


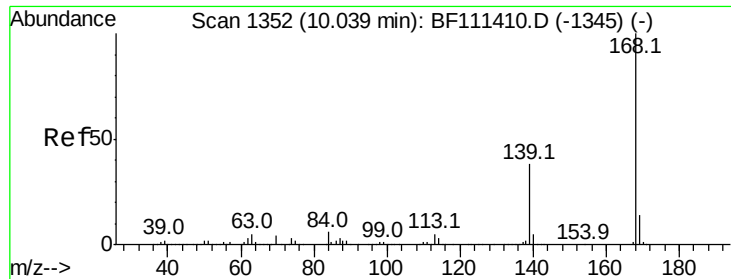
#54
2,4-Dinitrophenol
Concen: 24.906 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF111409.D
Acq: 14 Dec 2018 10:39

Tgt Ion:184 Resp: 87113
Ion Ratio Lower Upper
184 100
63 61.7 62.3 93.5#
154 60.2 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

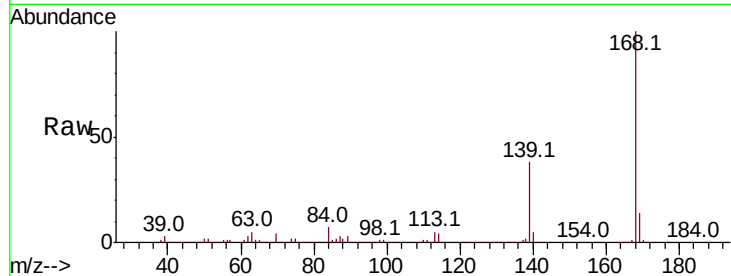




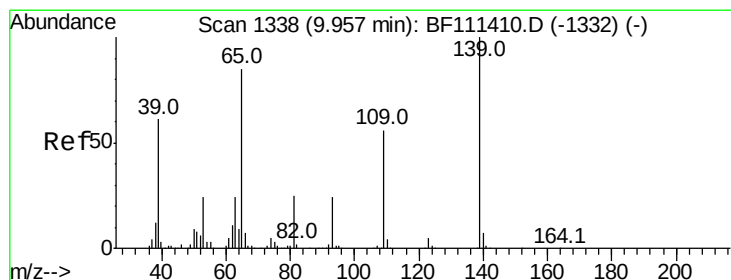
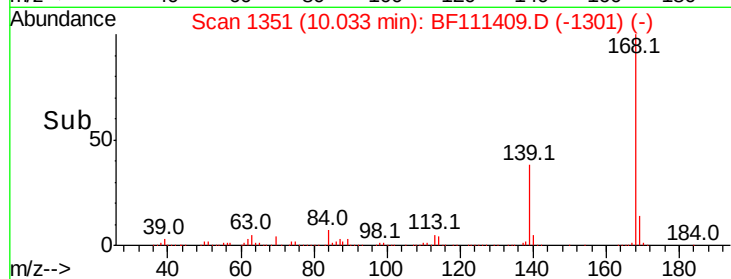
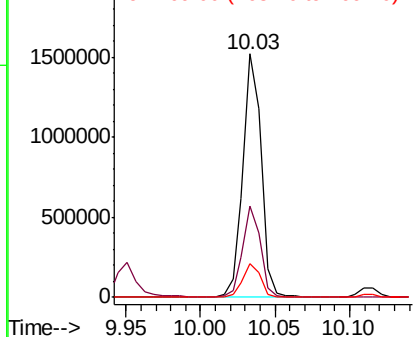
#55
Dibenzofuran
Concen: 26.866 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF111409.D
Acq: 14 Dec 2018 10:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1306162
Ion Ratio Lower Upper
168 100
139 37.7 32.6 49.0
169 13.6 11.8 17.6

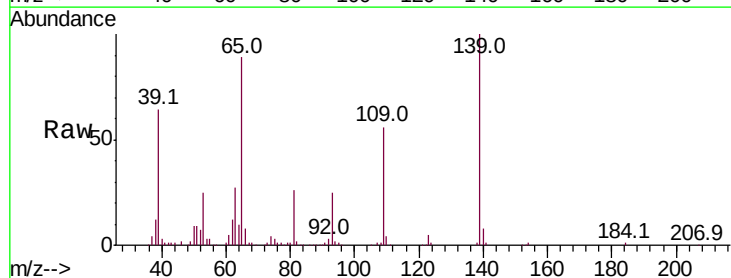


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

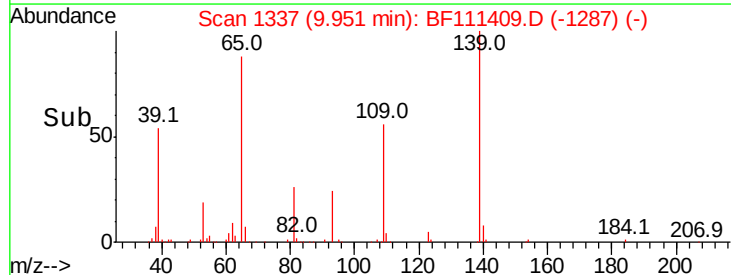
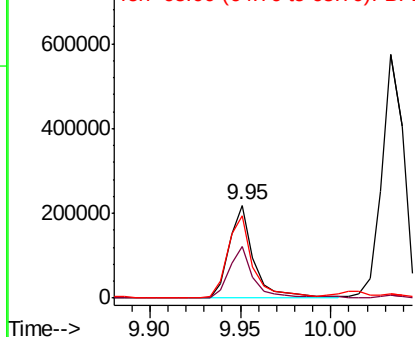


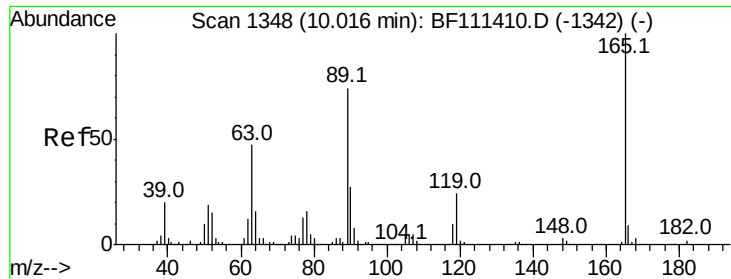
#56
4-Nitrophenol
Concen: 27.108 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF111409.D
Acq: 14 Dec 2018 10:39

Tgt Ion:139 Resp: 209190
Ion Ratio Lower Upper
139 100
109 56.0 41.8 81.8
65 89.0 79.6 119.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

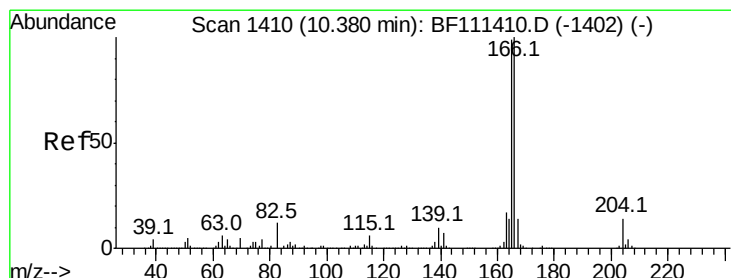
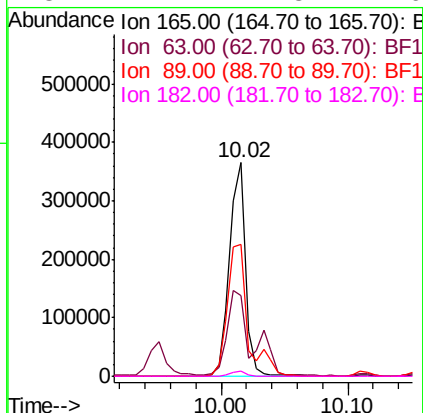
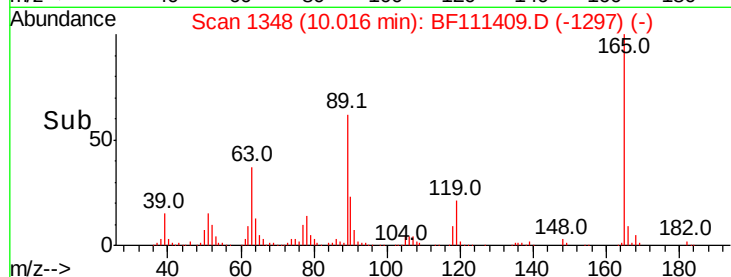
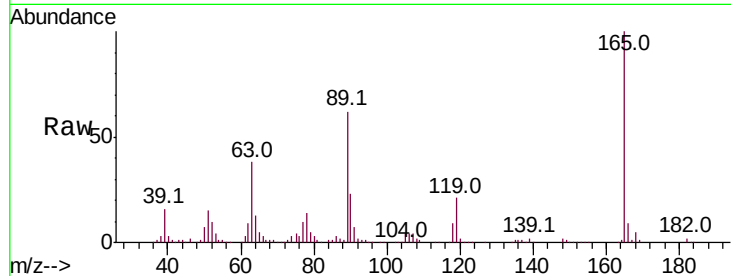




#57
2,4-Dinitrotoluene
Concen: 28.086 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF111409.D
Acq: 14 Dec 2018 10:39

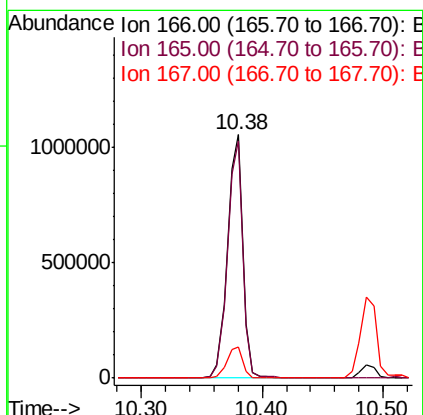
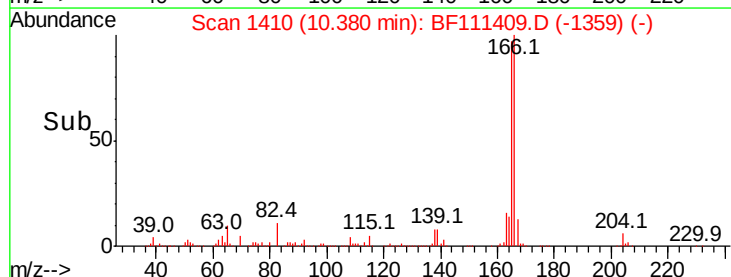
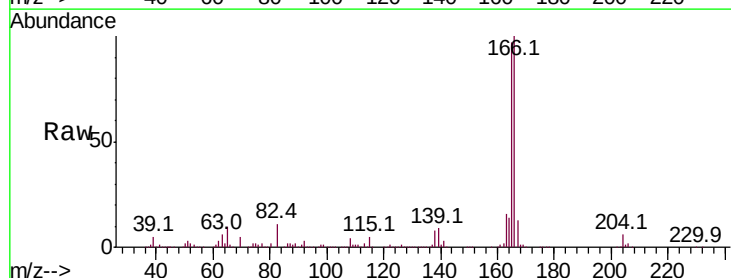
Instrument :
BNA_F
ClientSampleId :

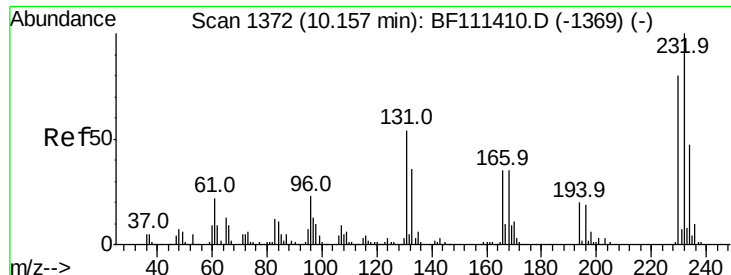
Tot Ion	Ratio	Lower	Upper
165	100		
63	37.6	34.6	52.0
89	61.8	56.2	84.4
182	2.2	1.8	2.6



#58
Fluorene
Concen: 26.750 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF111409.D
Acq: 14 Dec 2018 10:39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.4	117.6
167	12.6	11.2	16.8

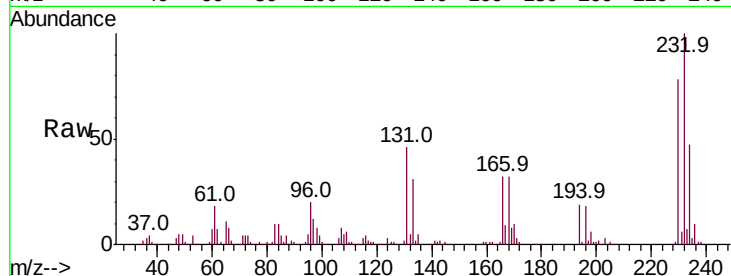




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 26.233 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. 0.00 min
 Lab File: BF111409.D
 Acq: 14 Dec 2018 10:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	240998
Ion	Ratio	Lower	Upper
232	100		
131	48.8	40.9	61.3
130	2.3	2.0	3.0
166	31.7	26.8	40.2



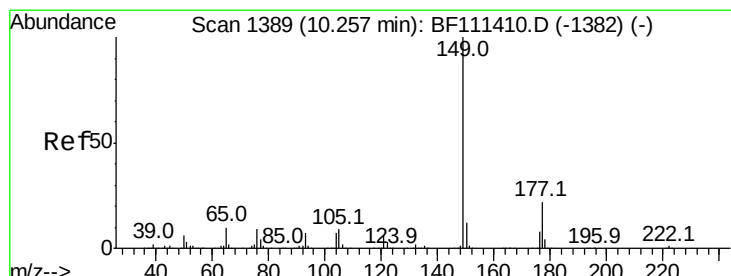
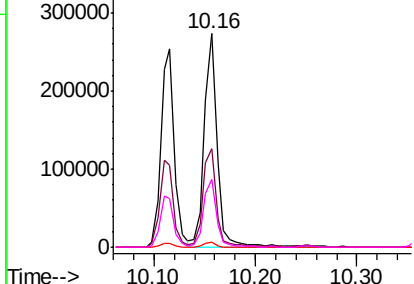
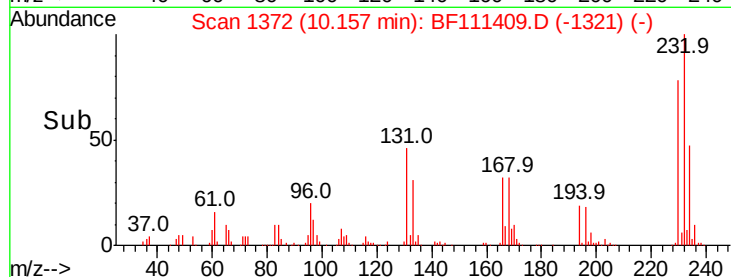
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

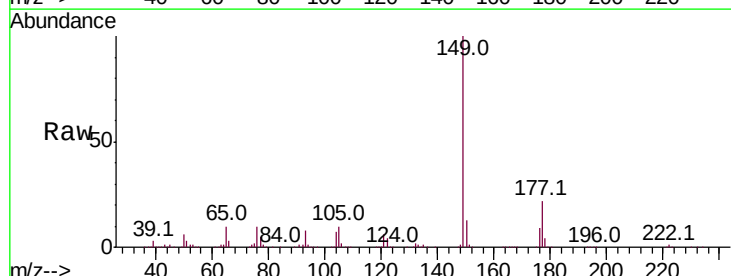
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 26.893 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF111409.D
 Acq: 14 Dec 2018 10:39

Tgt Ion:	149	Resp:	1088914
Ion	Ratio	Lower	Upper
149	100		
177	22.0	18.3	27.5
150	12.9	10.6	15.8

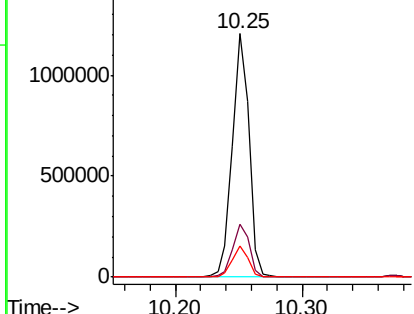
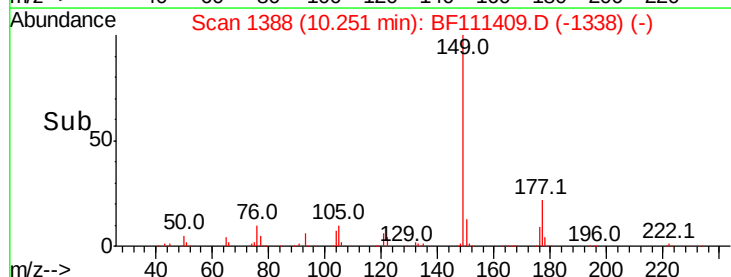


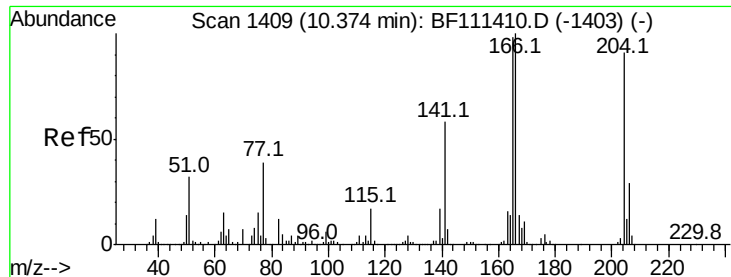
Abundance

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

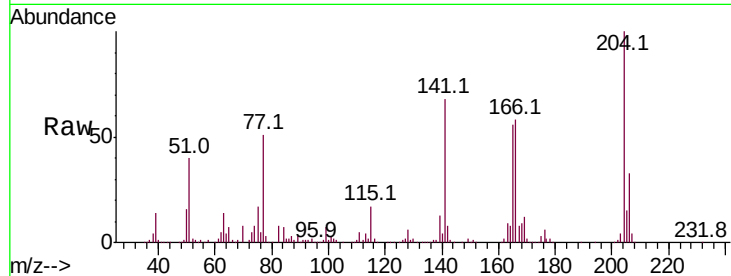




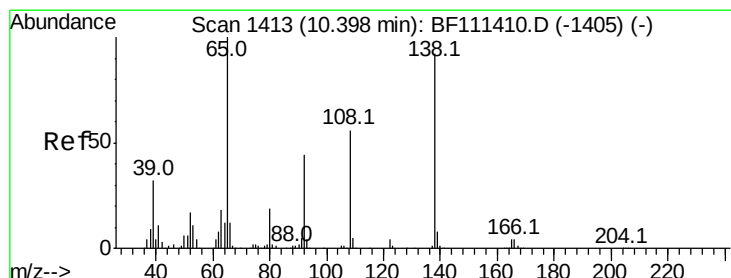
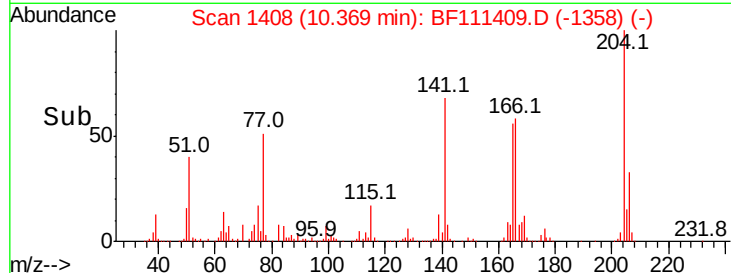
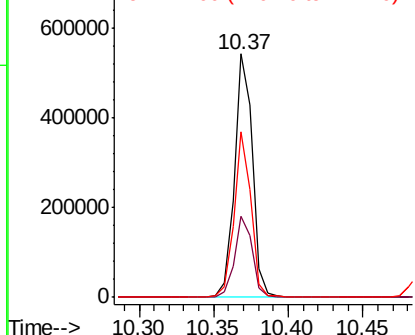
#61
 4-Chlorophenyl-phenylether
 Concen: 26.698 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: BF111409.D
 Acq: 14 Dec 2018 10:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 460322
 Ion Ratio Lower Upper
 204 100
 206 33.3 26.6 39.8
 141 68.1 52.6 78.8

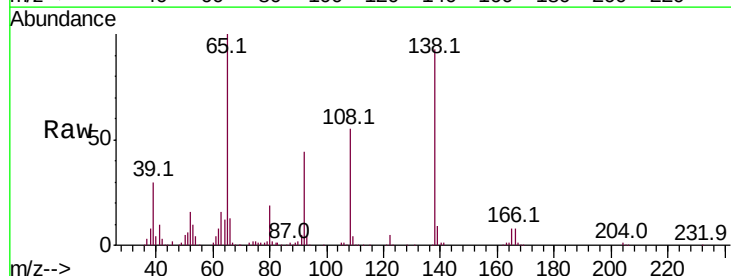


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

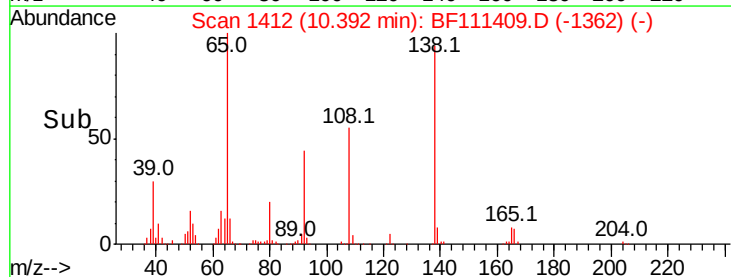
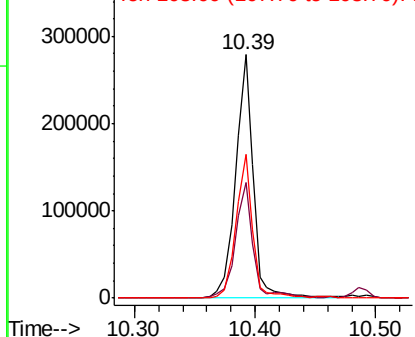


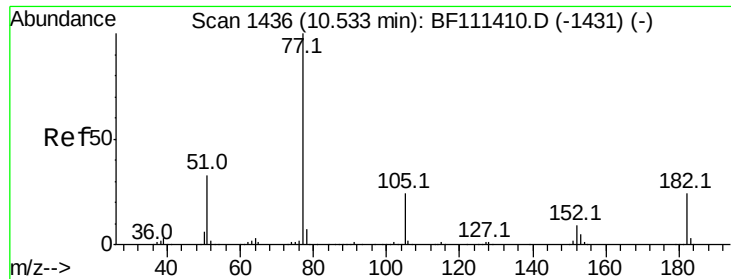
#62
 4-Nitroaniline
 Concen: 27.786 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF111409.D
 Acq: 14 Dec 2018 10:39

Tgt Ion:138 Resp: 286202
 Ion Ratio Lower Upper
 138 100
 92 47.6 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: 26.115 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1066168

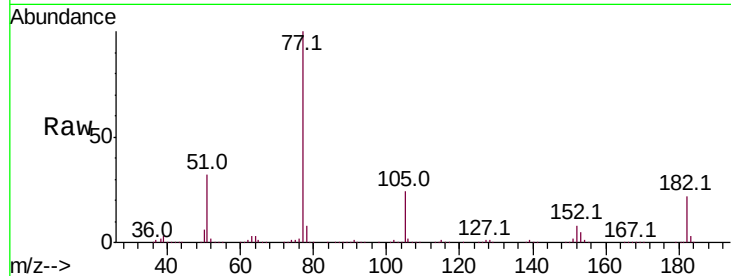
Ion	Ratio	Lower	Upper
77	100		
182	21.7	4.9	44.9
105	23.9	6.0	46.0
51	32.2	14.7	54.7

77 100

182 21.7 4.9 44.9

105 23.9 6.0 46.0

51 32.2 14.7 54.7

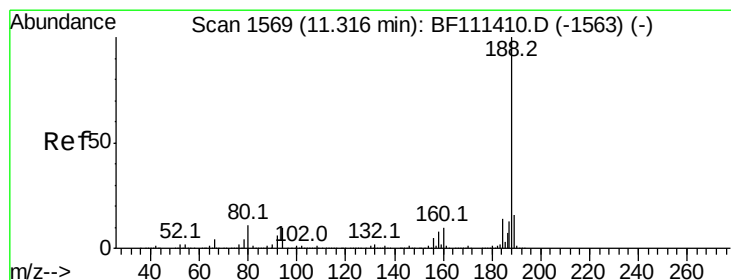
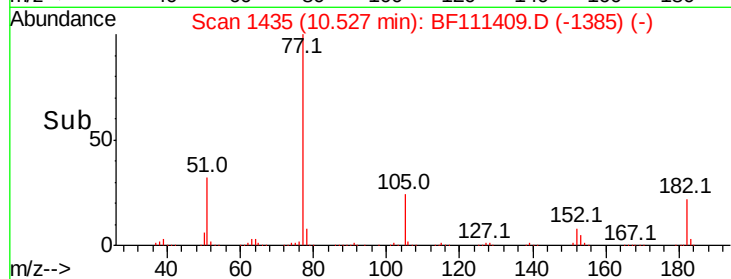
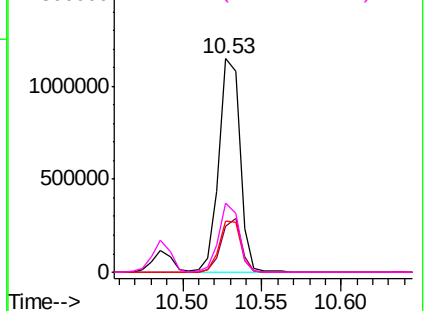


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF111409.D

Acq: 14 Dec 2018 10:39

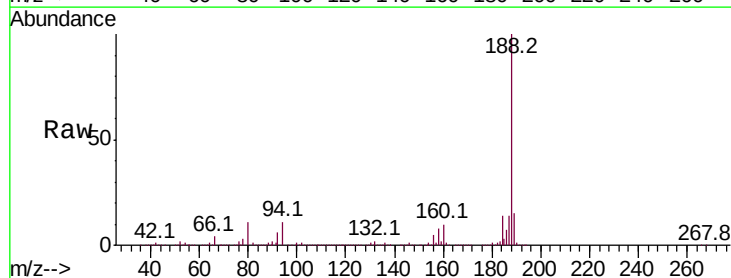
Tgt Ion: 188 Resp: 999617

Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.6	14.4
80	10.8	9.8	14.6

188 100

94 11.1 9.6 14.4

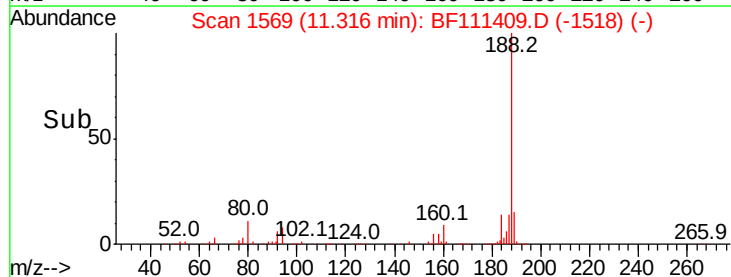
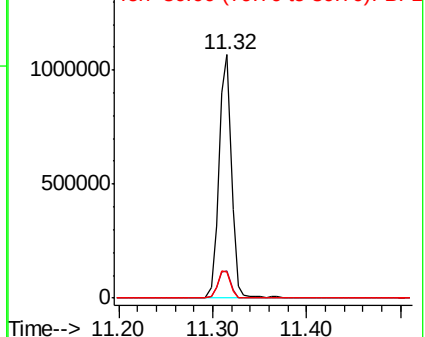
80 10.8 9.8 14.6

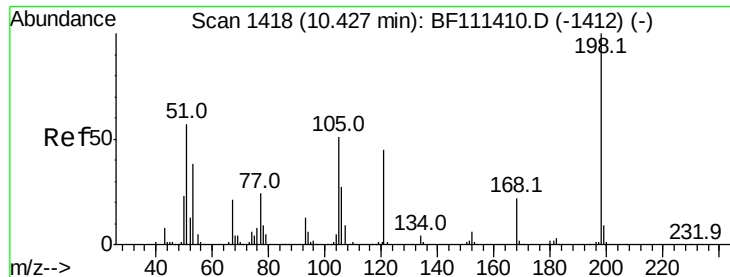


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

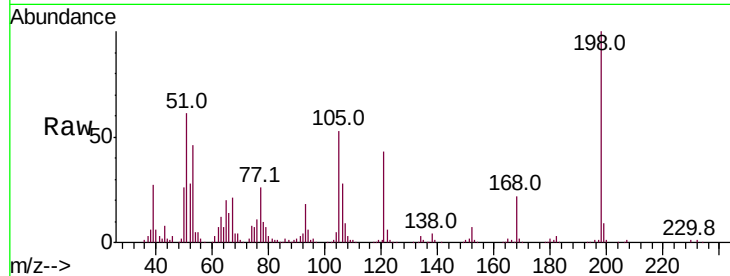




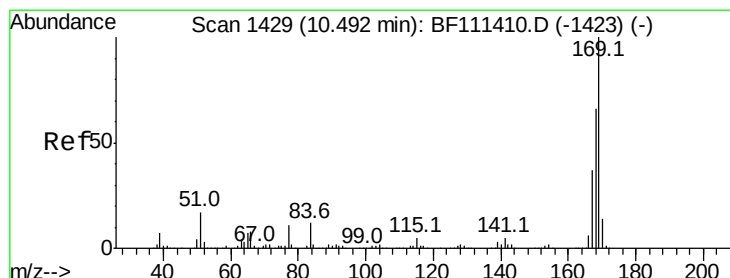
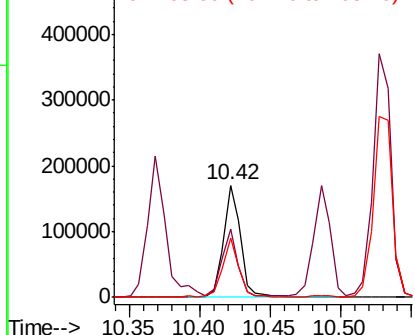
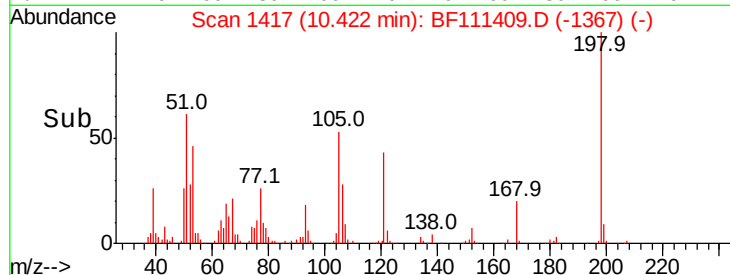
#65
4,6-Dinitro-2-methylphenol
Concen: 25.133 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF111409.D
Acq: 14 Dec 2018 10:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 144232
Ion Ratio Lower Upper
198 100
51 60.5 48.0 88.0
105 52.7 34.0 74.0

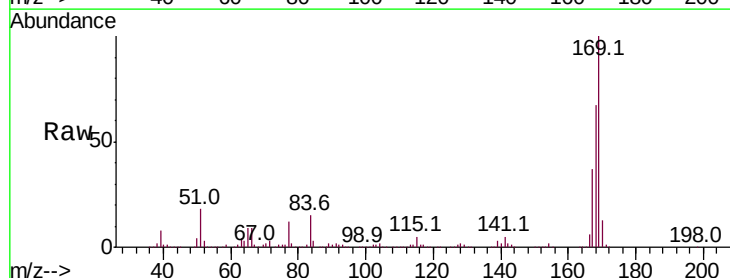


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

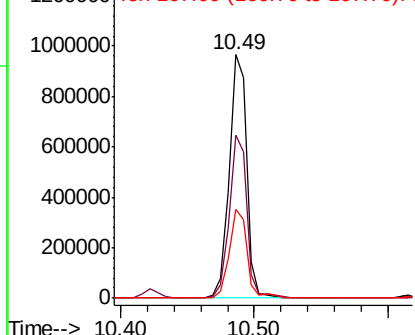
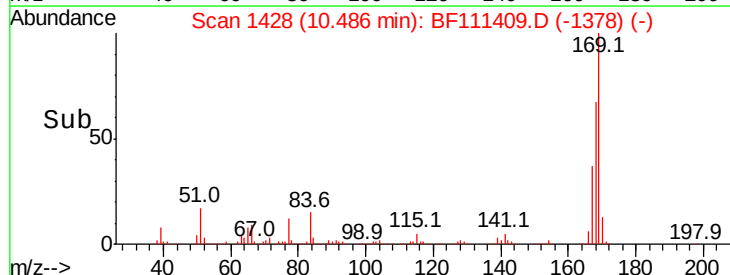


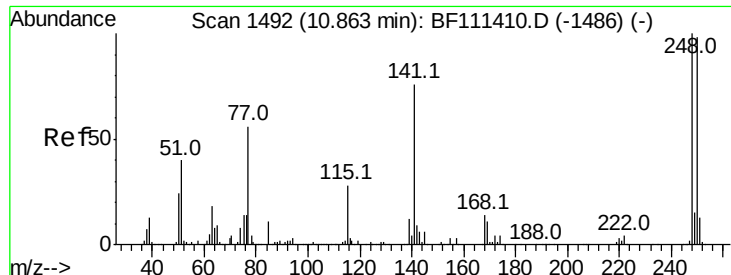
#66
n-Nitrosodiphenylamine
Concen: 25.294 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF111409.D
Acq: 14 Dec 2018 10:39

Tgt Ion:169 Resp: 899408
Ion Ratio Lower Upper
169 100
168 67.1 54.4 81.6
167 36.6 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

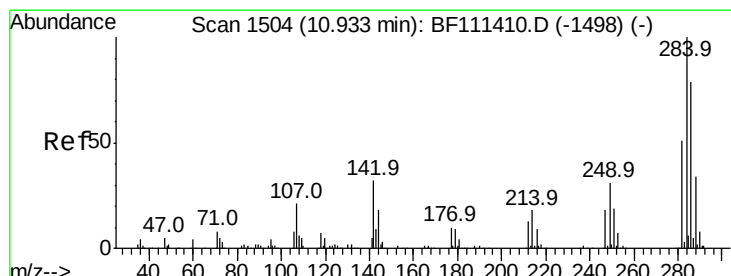
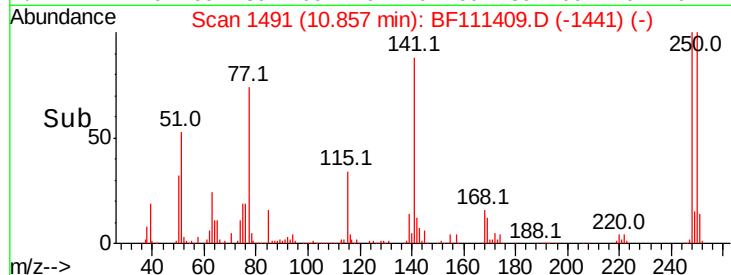
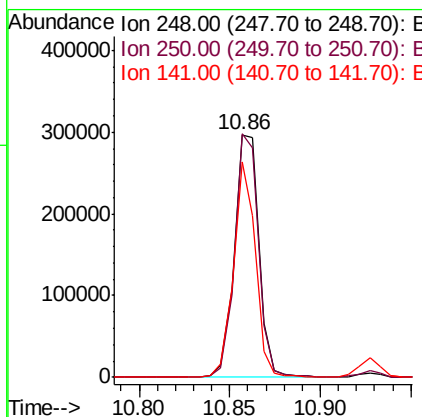
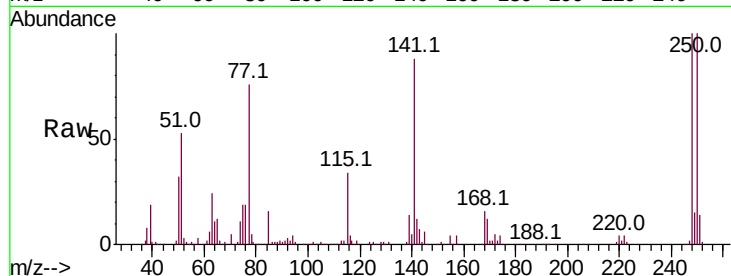




#67
 4-Bromophenyl-phenylether
 Concen: 25.272 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF111409.D
 Acq: 14 Dec 2018 10:39

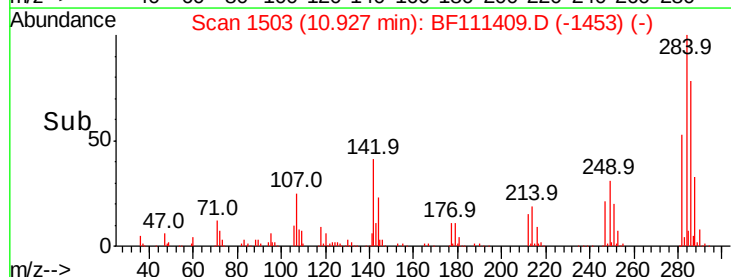
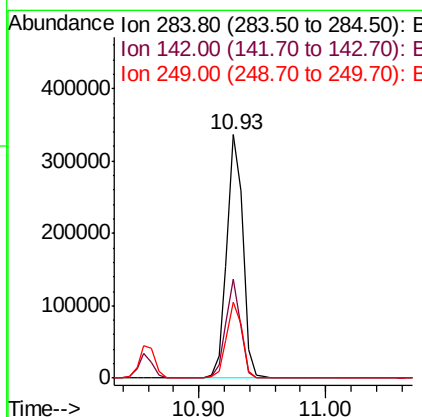
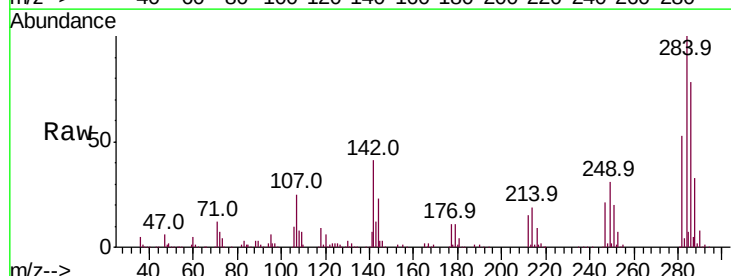
Instrument :
 BNA_F
 ClientSampleId :

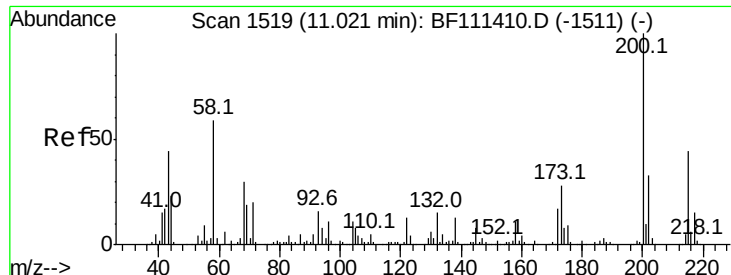
Tot Ion	Ratio	Lower	Upper
248	100		
250	100.4	77.0	115.4
141	88.7	63.0	94.6



#68
 Hexachlorobenzene
 Concen: 25.625 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BF111409.D
 Acq: 14 Dec 2018 10:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.9	27.4	41.2
249	30.9	24.4	36.6

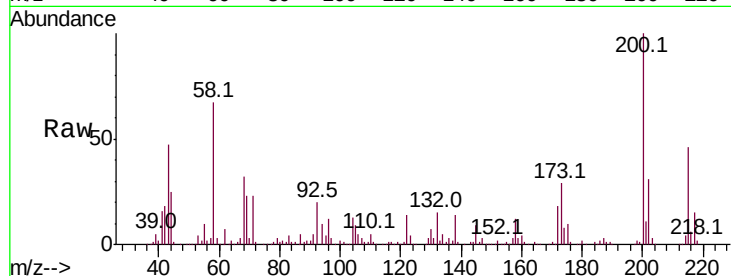




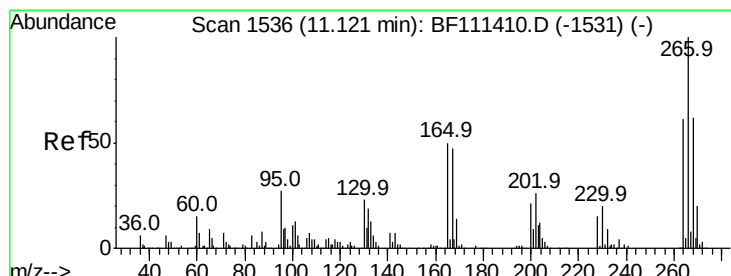
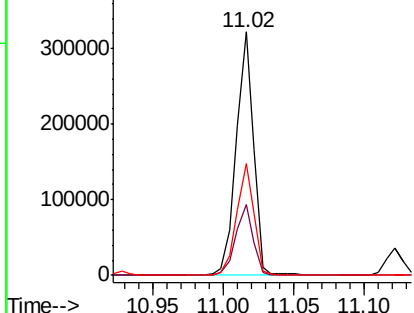
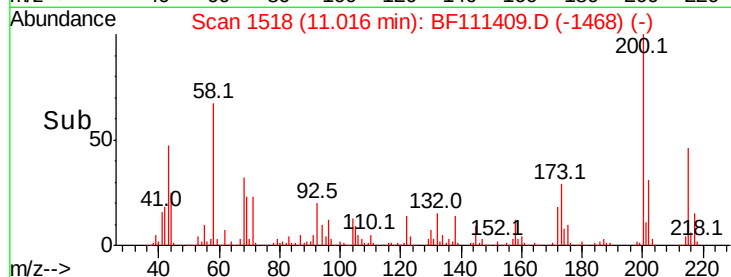
#69
Atrazine
Concen: 26.900 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF111409.D
Acq: 14 Dec 2018 10:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 276649
Ion Ratio Lower Upper
200 100
173 29.2 10.1 50.1
215 45.7 26.9 66.9

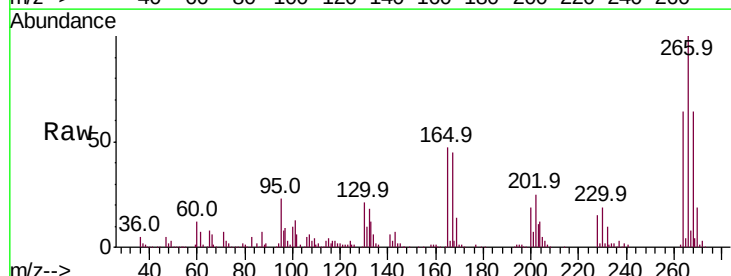


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

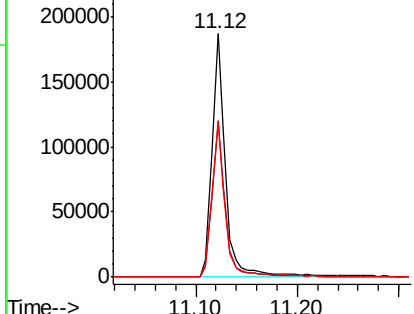
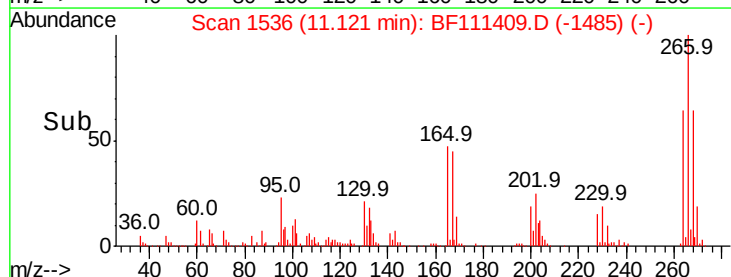


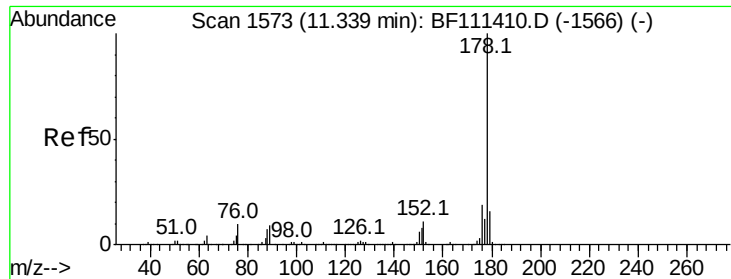
#70
Pentachlorophenol
Concen: 22.962 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BF111409.D
Acq: 14 Dec 2018 10:39

Tgt Ion:266 Resp: 175099
Ion Ratio Lower Upper
266 100
268 63.9 47.9 71.9
264 64.4 49.1 73.7



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 26.154 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

Instrument :

BNA_F

ClientSampleId :

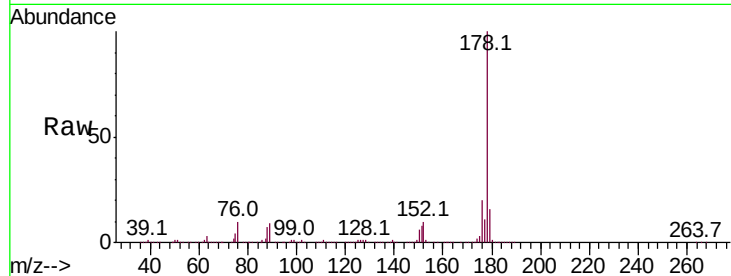
Tot Ion:178 Resp: 1351341

Ion Ratio Lower Upper

178 100

176 19.7 18.1 27.1

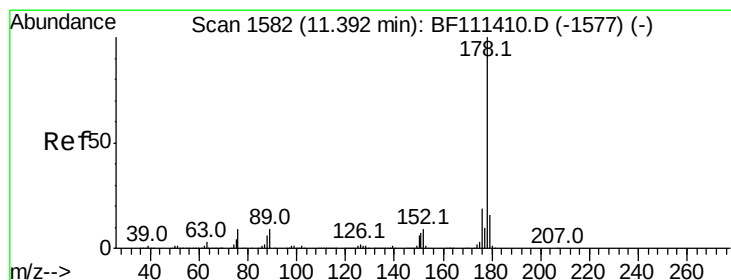
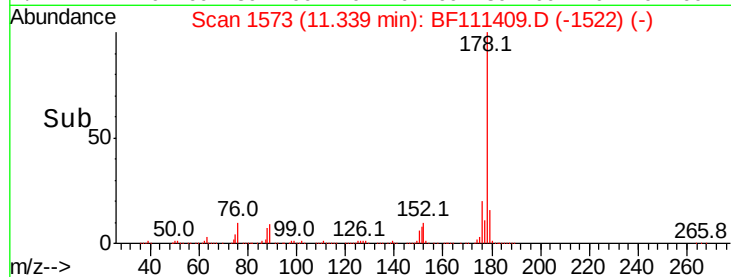
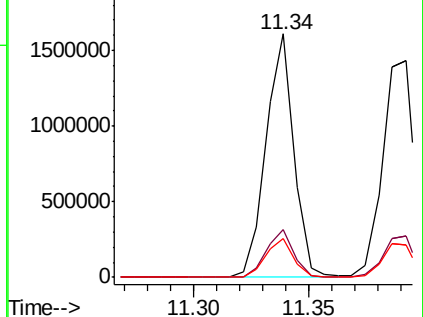
179 15.7 14.0 21.0



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: 26.378 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

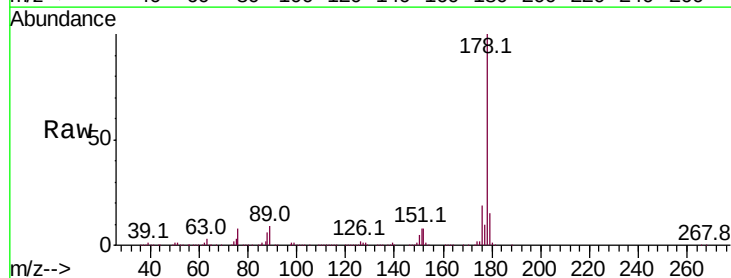
Tgt Ion:178 Resp: 1387739

Ion Ratio Lower Upper

178 100

176 18.9 17.2 25.8

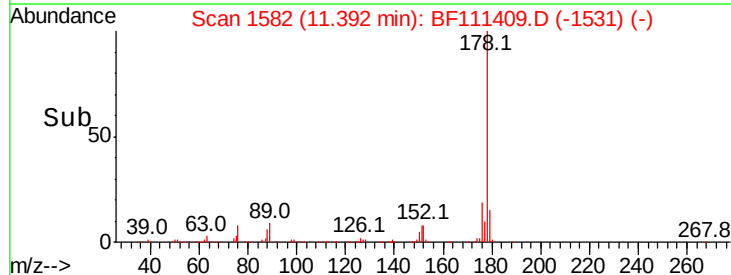
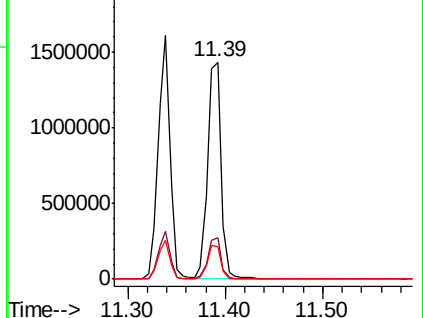
179 15.1 13.8 20.8

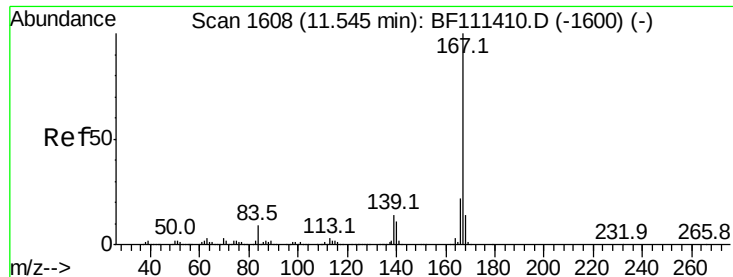


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 26.549 ng

RT: 11.54 min Scan# 1608

Delta R.T. 0.00 min

Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

Instrument :

BNA_F

ClientSampleId :

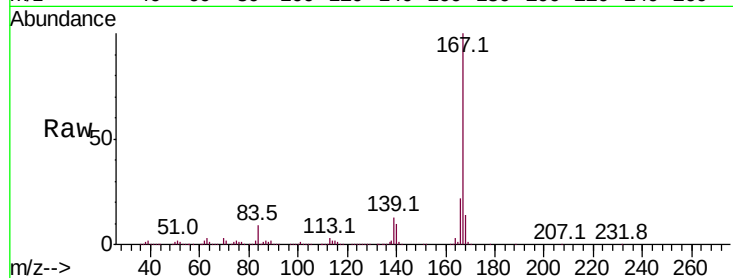
Tot Ion:167 Resp: 1444202

Ion Ratio Lower Upper

167 100

166 21.8 19.3 28.9

139 12.9 11.9 17.9

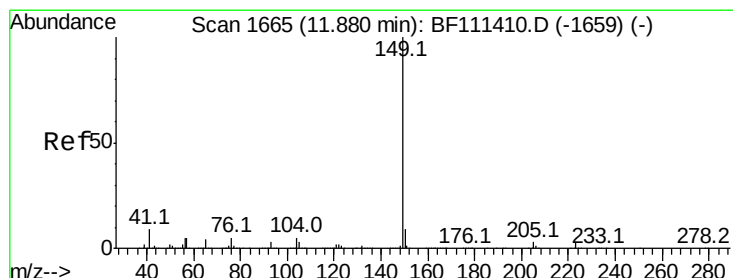
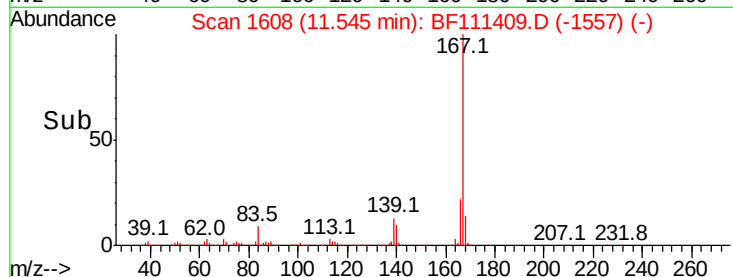
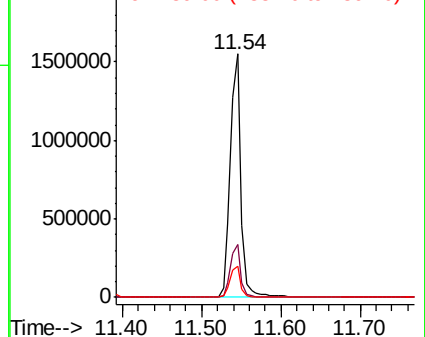


Abundance

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: 26.498 ng

RT: 11.88 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

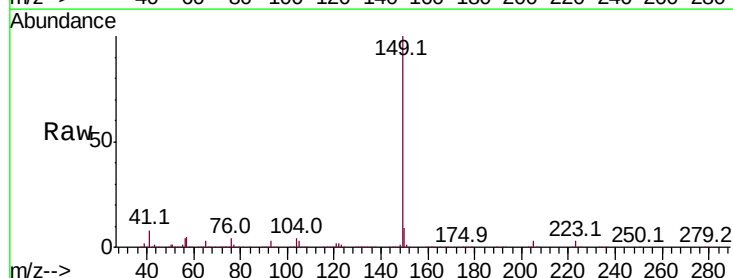
Tgt Ion:149 Resp: 1641233

Ion Ratio Lower Upper

149 100

150 9.3 8.8 13.2

104 4.4 4.5 6.7#

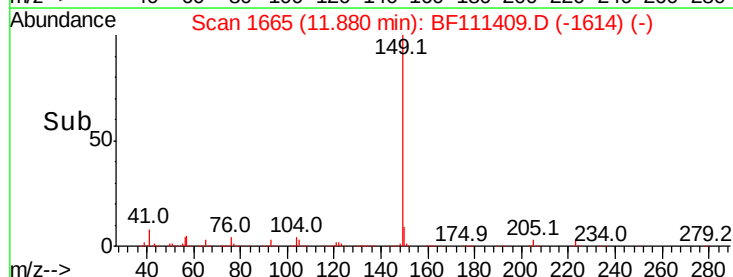
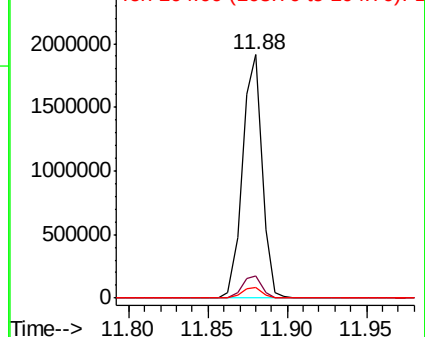


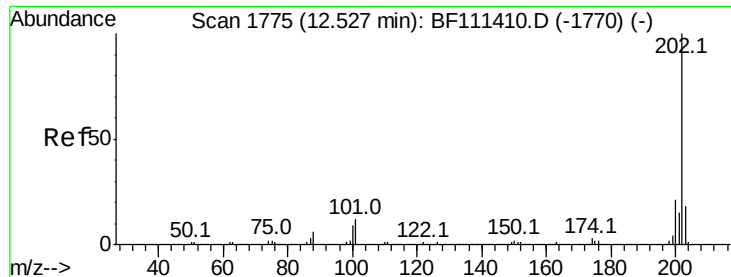
Abundance

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: 27.470 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

Instrument :

BNA_F

ClientSampleId :

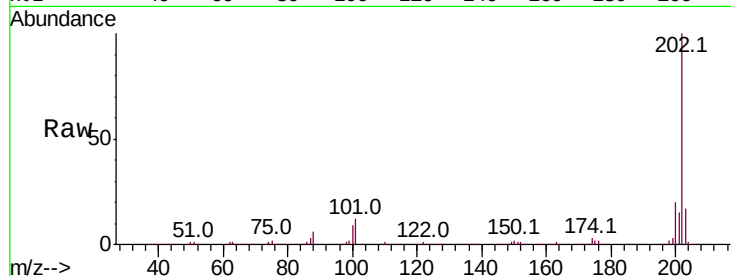
Tot Ion:202 Resp: 1385557

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.8
203	17.4	0.0	38.6

202 100

101 12.3 0.0 33.8

203 17.4 0.0 38.6

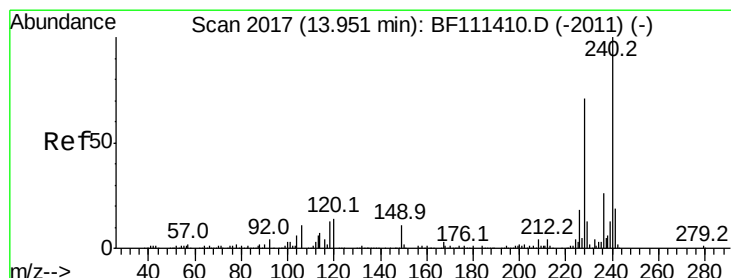
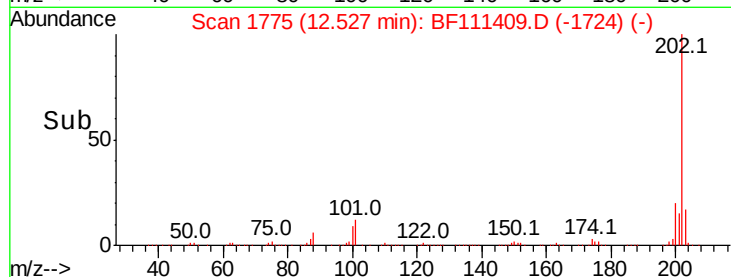
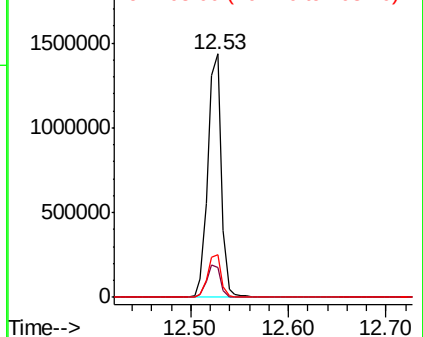


Abundance

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: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

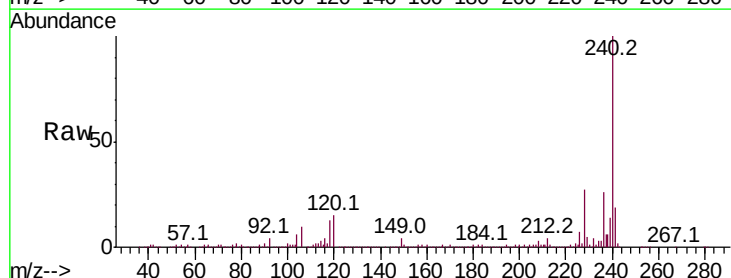
Tgt Ion:240 Resp: 778770

Ion	Ratio	Lower	Upper
240	100		
120	14.9	12.2	18.2
236	25.5	20.2	30.2

240 100

120 14.9 12.2 18.2

236 25.5 20.2 30.2

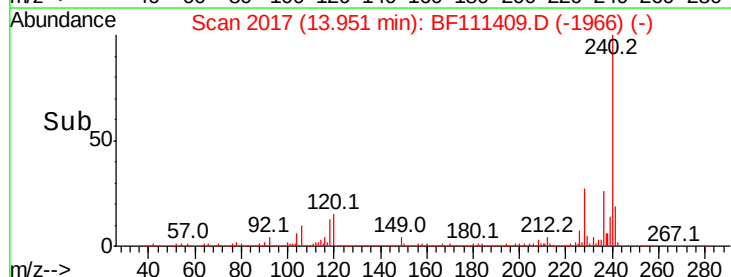
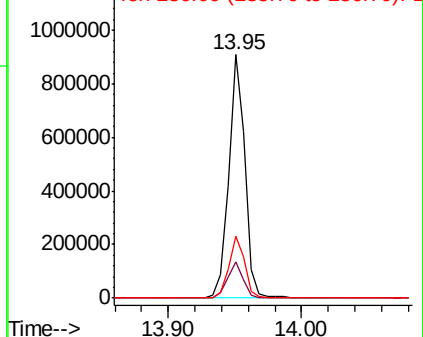


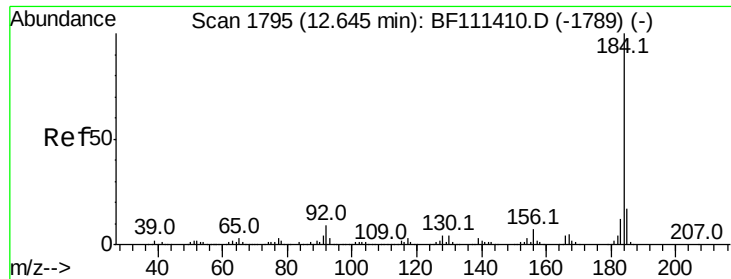
Abundance

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: 48.846 ng

RT: 12.64 min Scan# 1795

Delta R.T. 0.00 min

Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

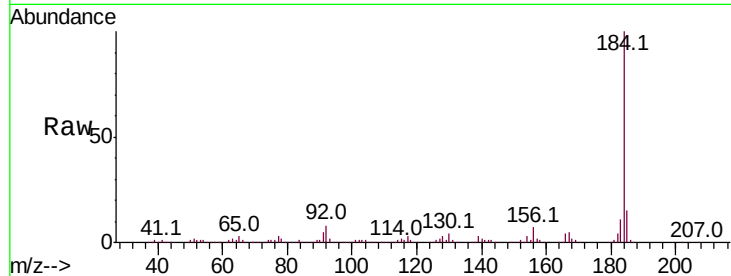
Instrument :

BNA_F

ClientSampled :

Tot Ion:184 Resp: 717869

Ion	Ratio	Lower	Upper
184	100		
185	14.9	13.0	19.6
183	11.1	9.3	13.9

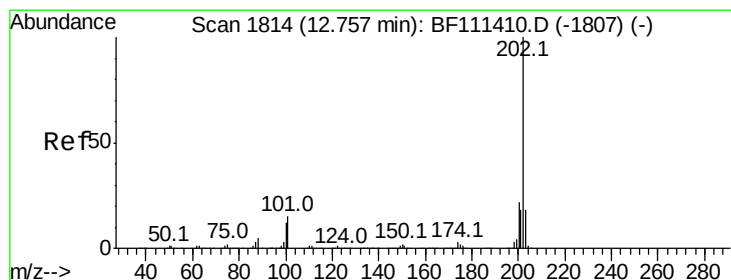
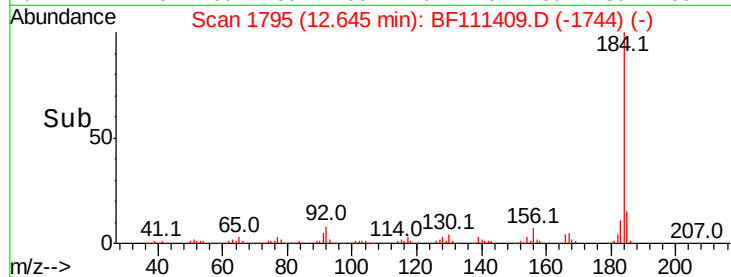
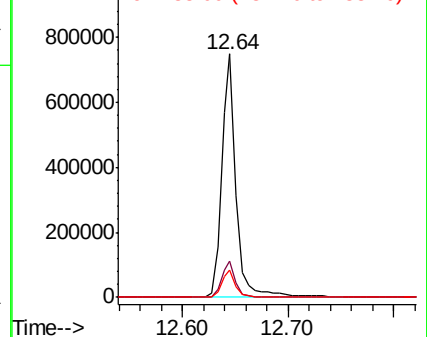


Abundance

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: 23.852 ng

RT: 12.75 min Scan# 1813

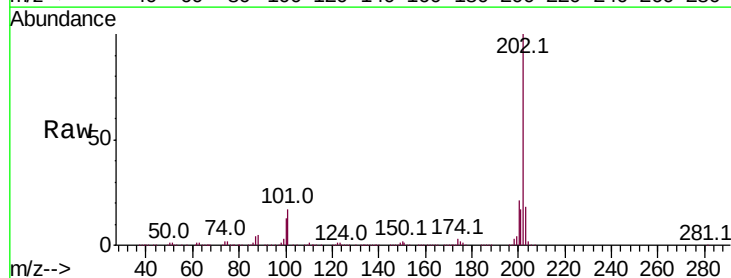
Delta R.T. -0.01 min

Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

Tgt Ion:202 Resp: 1433595

Ion	Ratio	Lower	Upper
202	100		
200	21.2	19.0	28.4
203	18.2	15.2	22.8

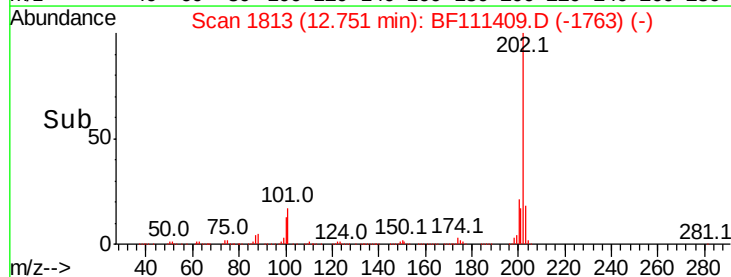
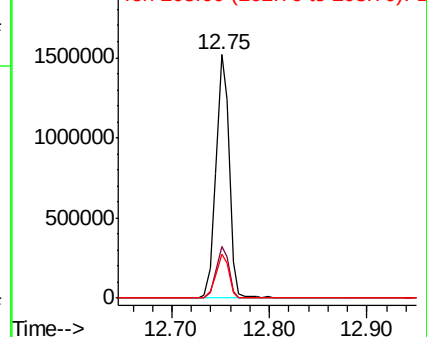


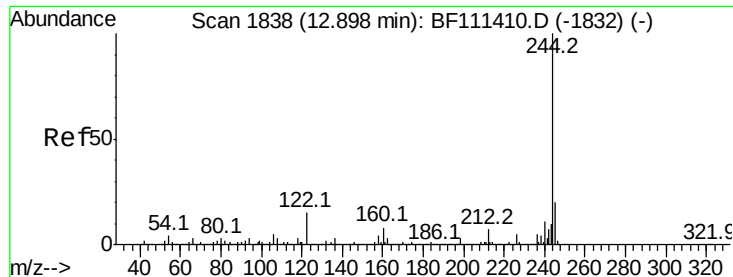
Abundance

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

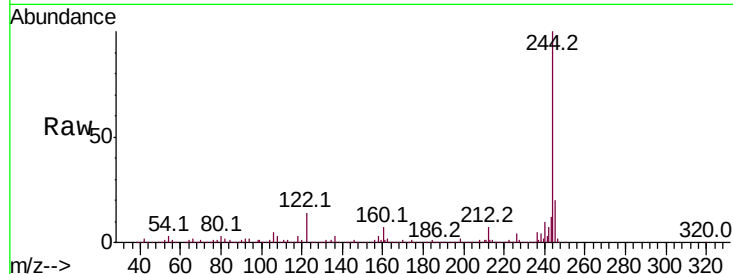




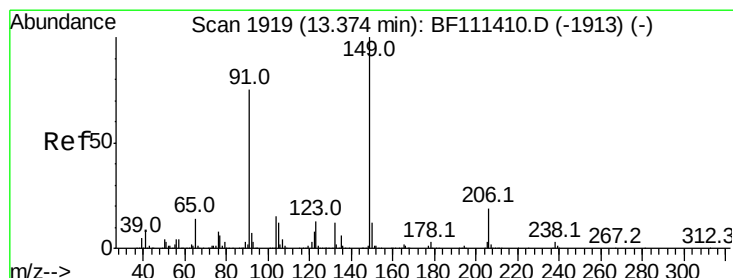
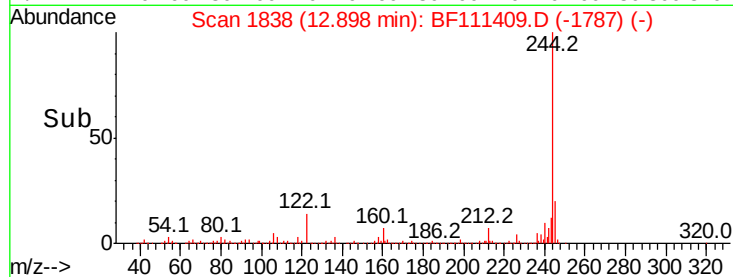
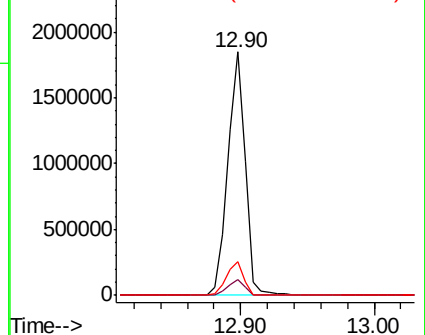
#79
 Terphenyl-d14
 Concen: 48.243 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BF111409.D
 Acq: 14 Dec 2018 10:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1707003
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 14.1 13.1 19.7

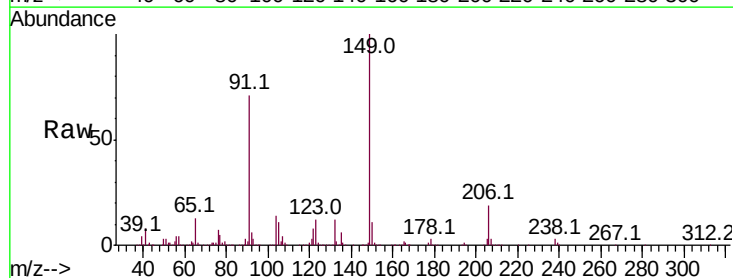


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

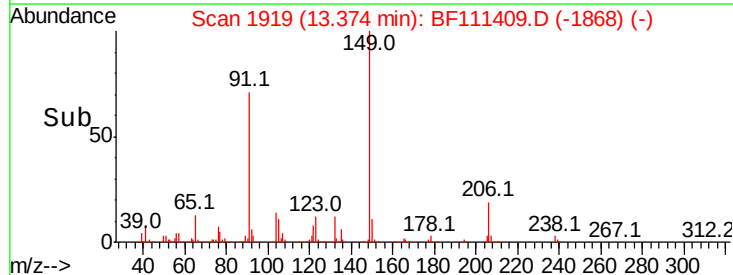
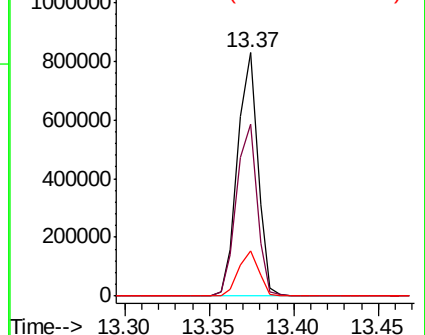


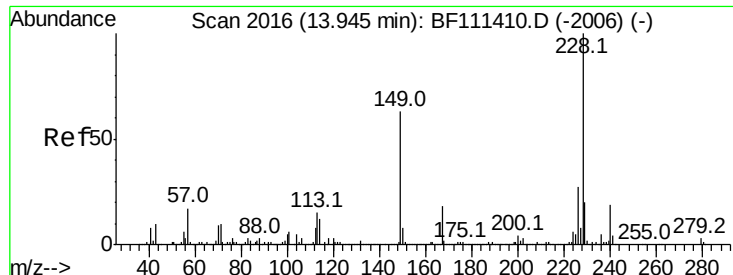
#80
 Butylbenzylphthalate
 Concen: 24.088 ng
 RT: 13.37 min Scan# 1919
 Delta R.T. -0.00 min
 Lab File: BF111409.D
 Acq: 14 Dec 2018 10:39

Tgt Ion:149 Resp: 695130
 Ion Ratio Lower Upper
 149 100
 91 70.5 63.8 95.6
 206 18.8 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: 24.947 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

Instrument :

BNA_F

ClientSampleId :

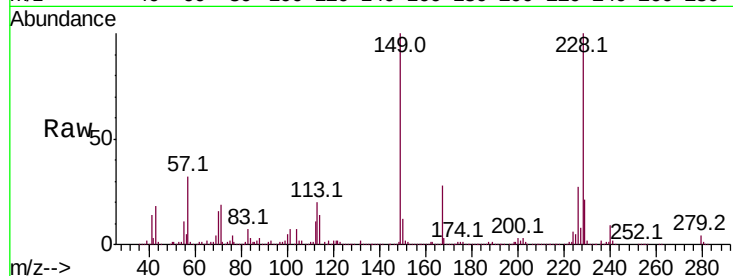
Tot Ion:228 Resp: 1087042

Ion Ratio Lower Upper

228 100

226 27.2 22.6 34.0

229 20.6 16.3 24.5

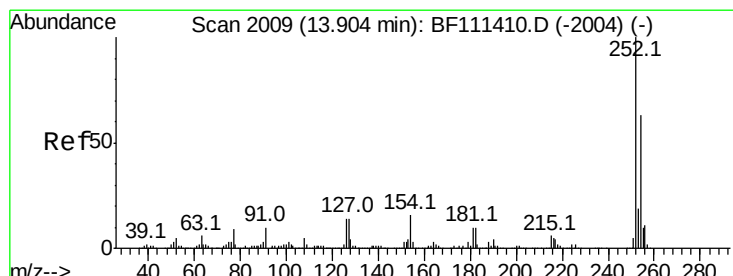
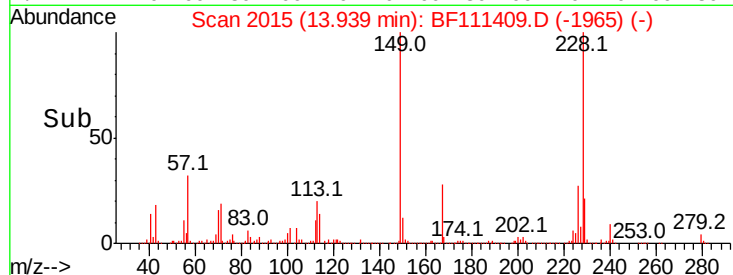
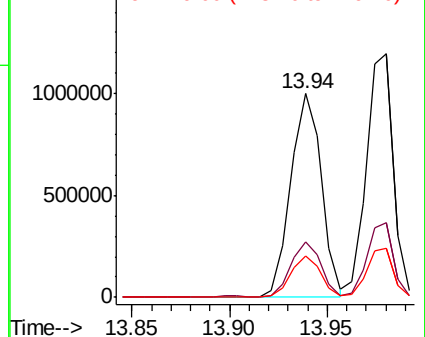


Abundance

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: 28.429 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

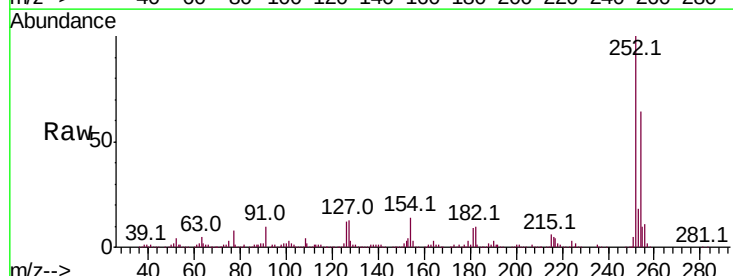
Tgt Ion:252 Resp: 468484

Ion Ratio Lower Upper

252 100

254 63.6 52.7 79.1

126 12.3 11.1 16.7

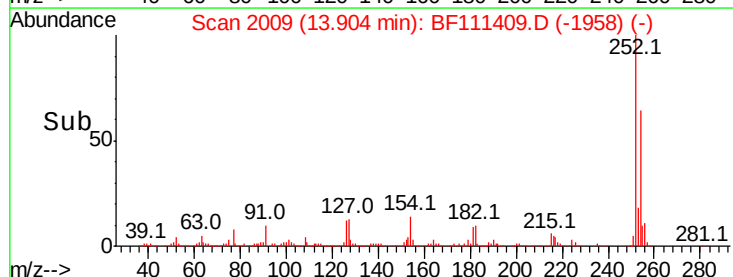
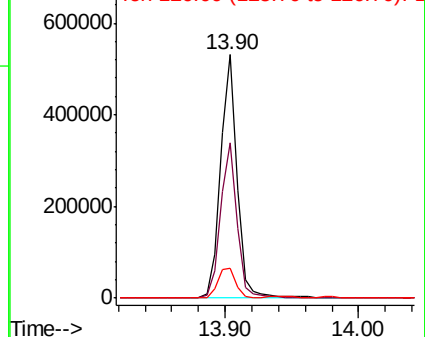


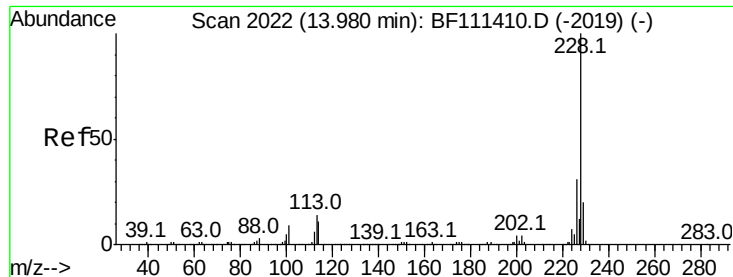
Abundance

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: 26.161 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

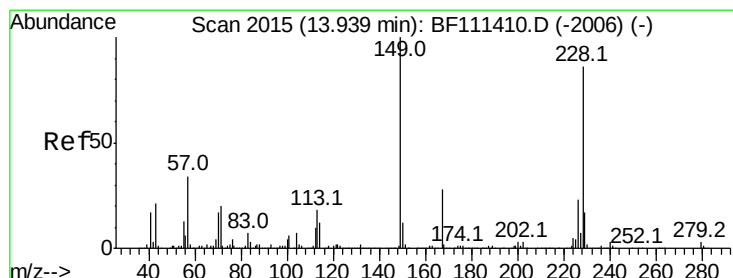
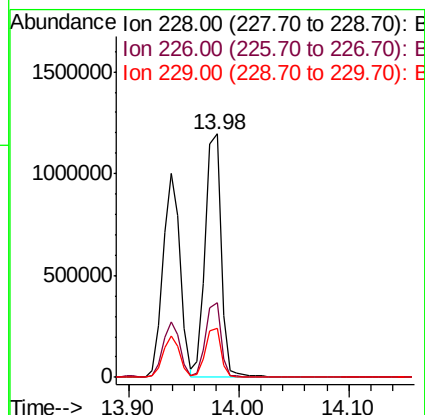
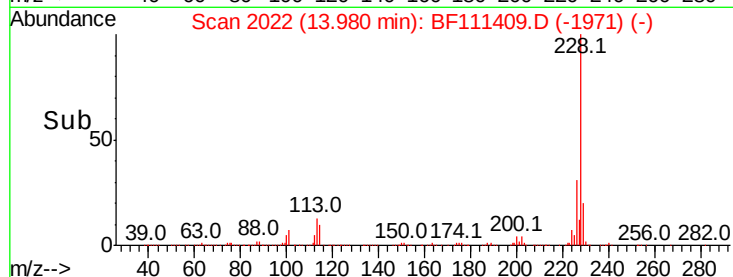
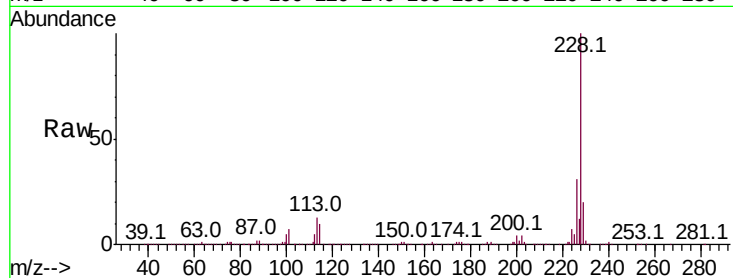
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1162986

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.3	37.9
229	20.1	17.2	25.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 24.807 ng

RT: 13.94 min Scan# 1015

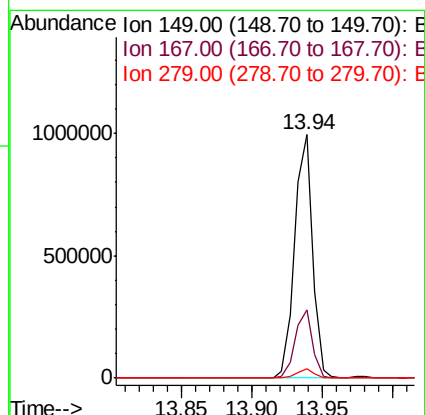
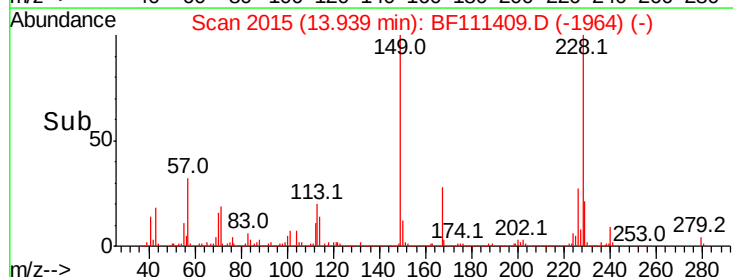
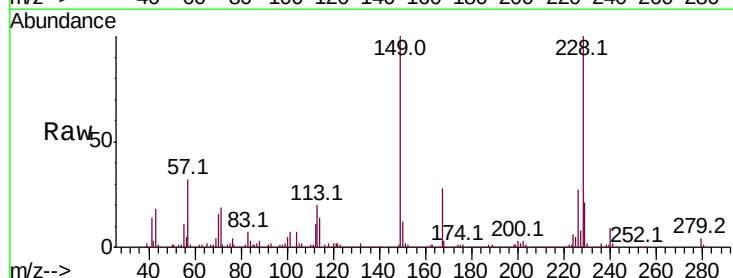
Delta R.T. 0.00 min

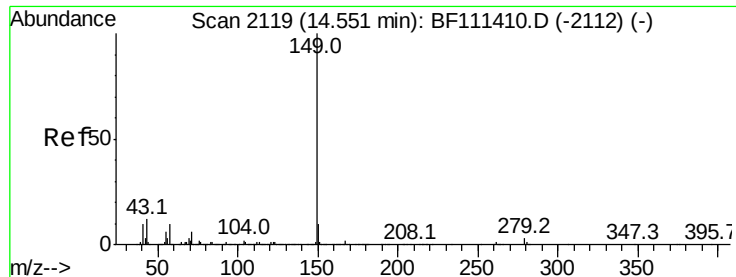
Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

Tgt Ion:149 Resp: 875153

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.5	33.7
279	3.6	2.6	4.0





#85

Di-n-octyl phthalate

Concen: 26.232 ng

RT: 14.54 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

Instrument :

BNA_F

ClientSampleId :

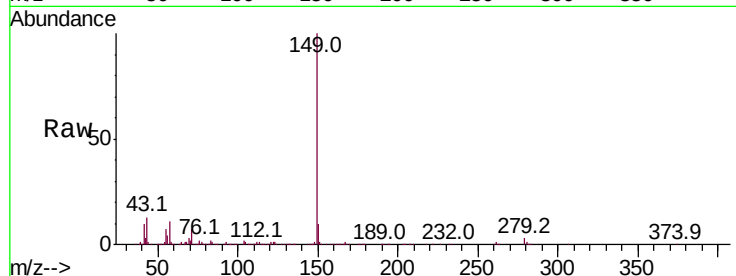
Tot Ion:149 Resp: 1519534

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

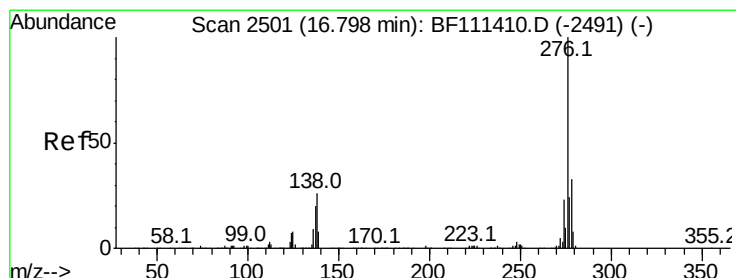
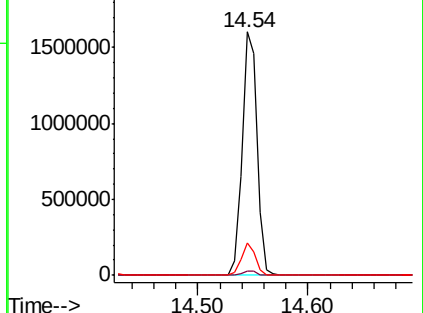
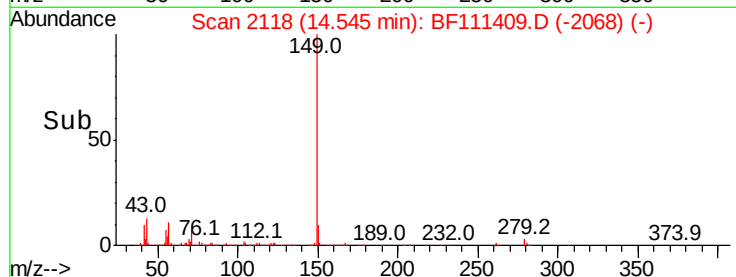
43 12.1 10.9 16.3



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: 21.201 ng

RT: 16.80 min Scan# 2501

Delta R.T. 0.00 min

Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

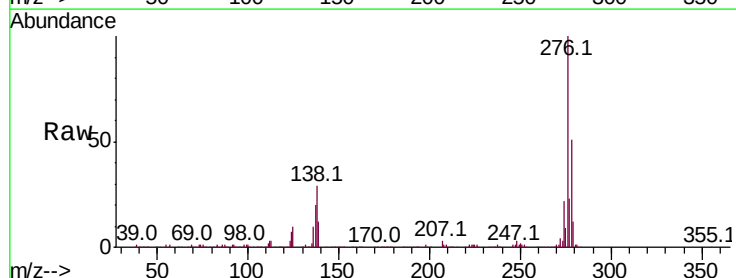
Tgt Ion:276 Resp: 737144

Ion Ratio Lower Upper

276 100

138 33.0 27.8 41.6

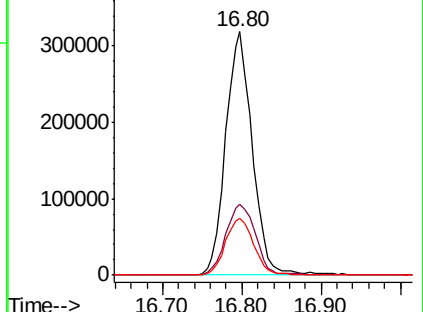
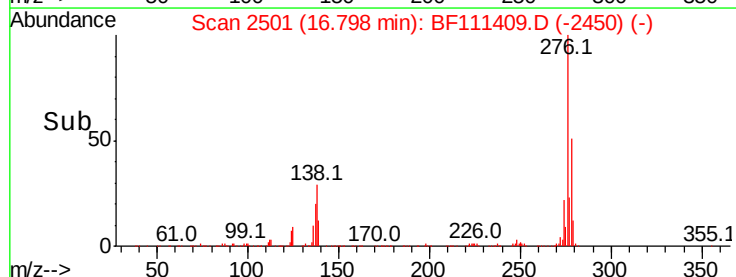
277 24.8 20.1 30.1

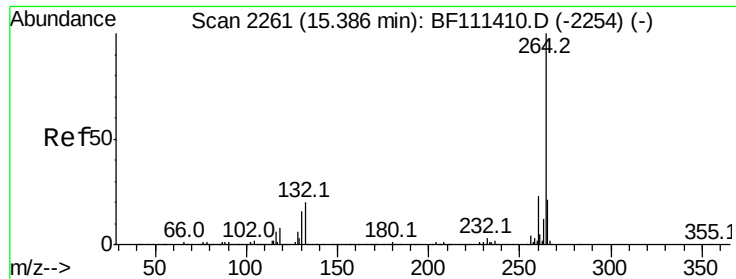


Abundance Ion 276.00 (275.70 to 276.70): E

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# 2261

Delta R.T. 0.00 min

Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

Instrument :

BNA_F

ClientSampleId :

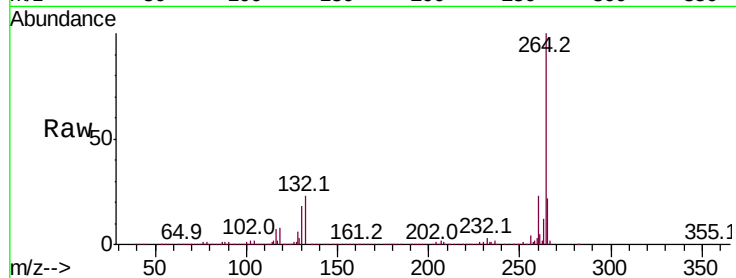
Tot Ion:264 Resp: 656246

Ion Ratio Lower Upper

264 100

260 22.9 18.3 27.5

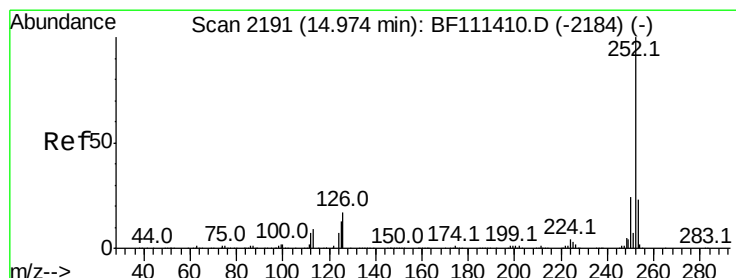
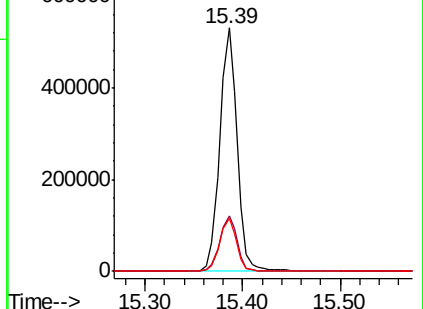
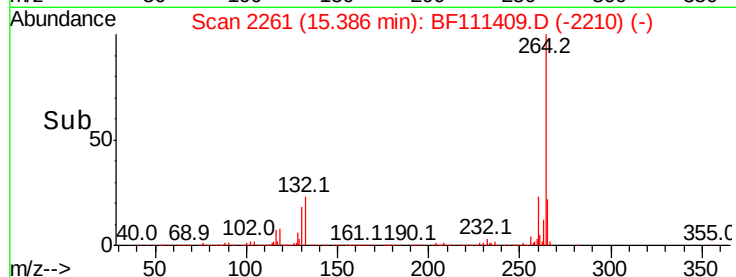
265 21.7 17.7 26.5



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: 26.319 ng

RT: 14.97 min Scan# 2191

Delta R.T. 0.00 min

Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

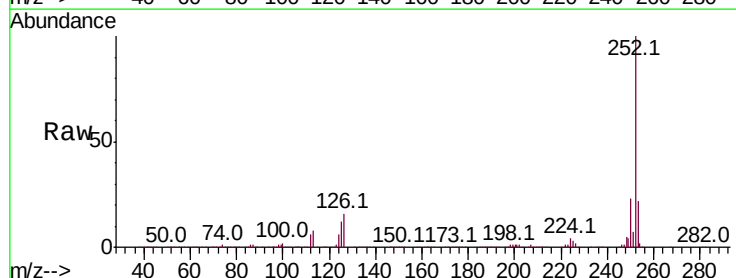
Tgt Ion:252 Resp: 982122

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

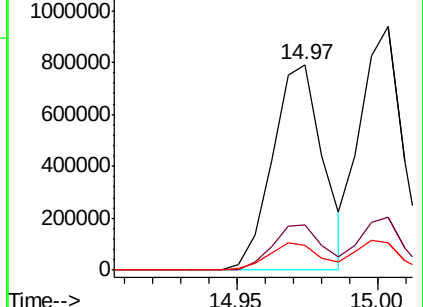
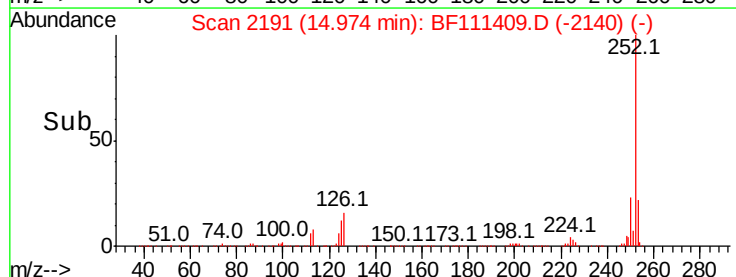
125 12.0 10.4 15.6

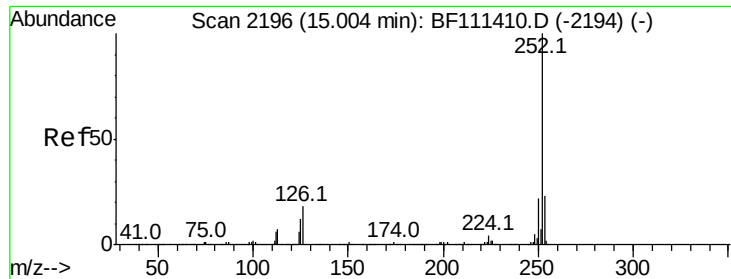


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

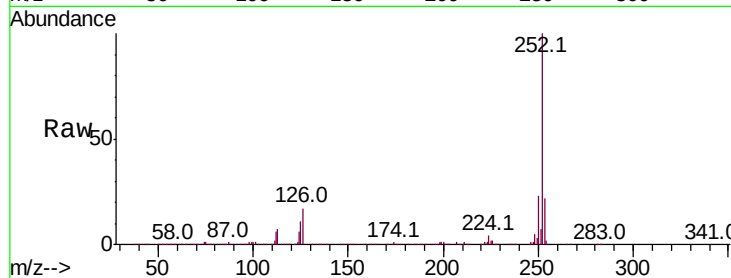




#89
Benzo(k)fluoranthene
Concen: 26.579 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF111409.D
Acq: 14 Dec 2018 10:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	11.3	9.8	14.8

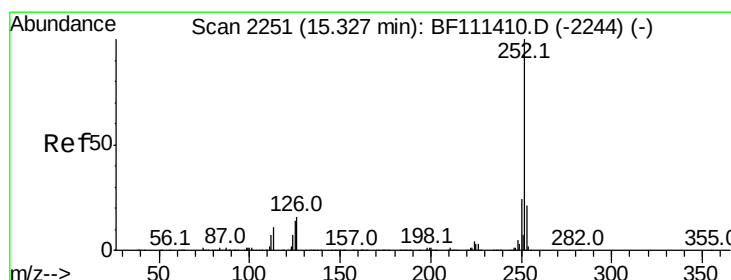
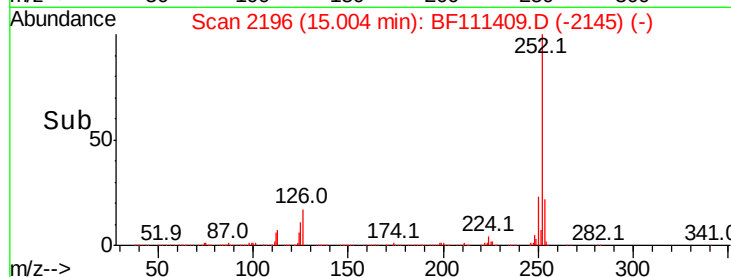
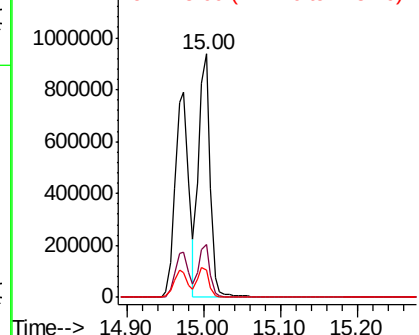


Abundance

Ion 252.00 (251.70 to 252.70): E

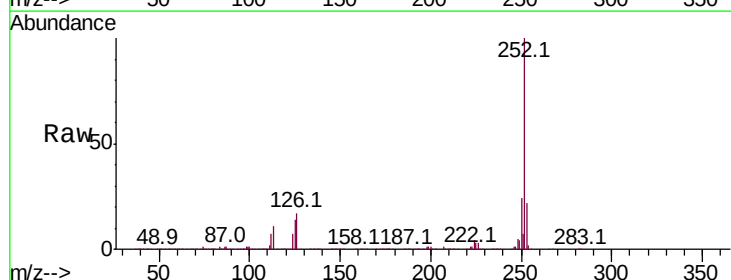
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 25.783 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.00 min
Lab File: BF111409.D
Acq: 14 Dec 2018 10:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	13.9	12.3	18.5

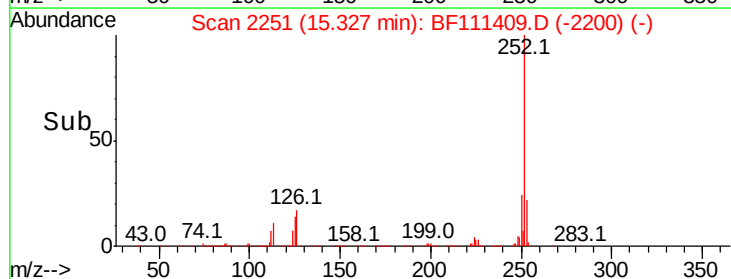
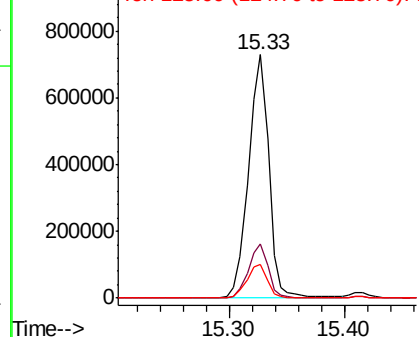


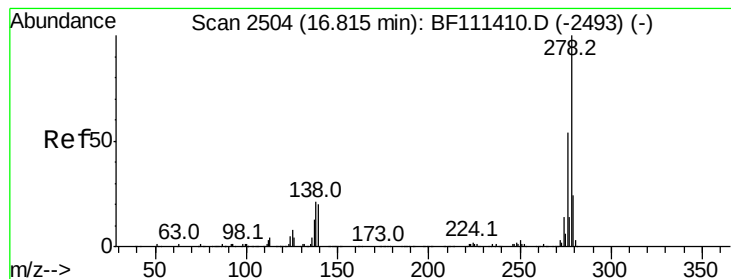
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 21.814 ng

RT: 16.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

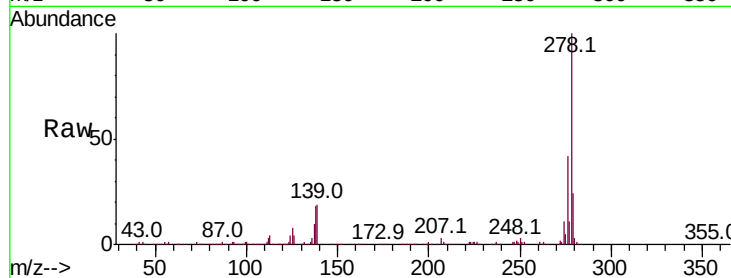
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 630601

Ion	Ratio	Lower	Upper
278	100		
139	19.0	18.2	27.4
279	24.0	19.0	28.6

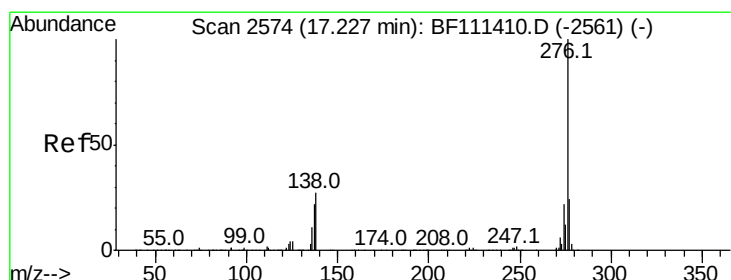
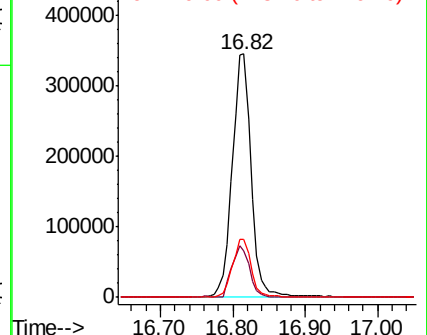
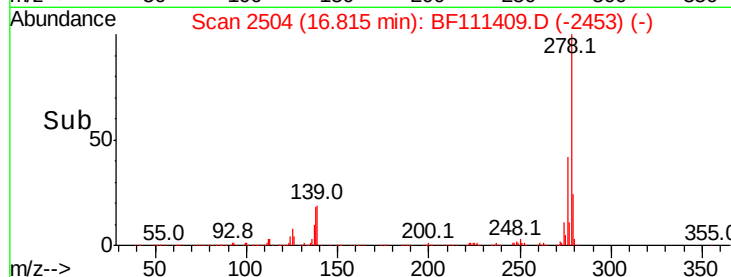


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 20.188 ng

RT: 17.22 min Scan# 2573

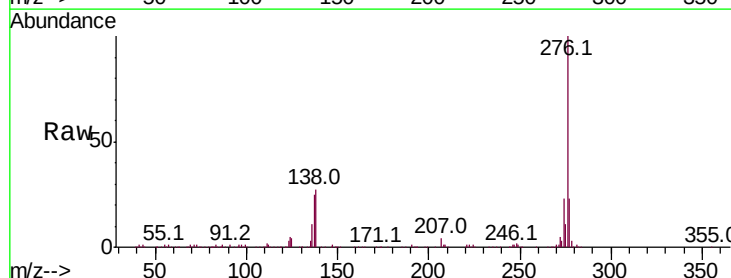
Delta R.T. -0.01 min

Lab File: BF111409.D

Acq: 14 Dec 2018 10:39

Tgt Ion:276 Resp: 583462

Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.2	28.8
138	27.5	24.9	37.3



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

