

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF103018\
 Data File : BF110310.D
 Acq On : 30 Oct 2018 18:29
 Operator : JU/SJ
 Sample : PB114313BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114313BS

Quant Time: Oct 31 04:32:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	107091	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	421335	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	191052	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	310880	20.00	ng	0.00
76) Chrysene-d12	14.16	240	198994	20.00	ng	0.00
87) Perylene-d12	15.69	264	165897	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	569877	86.66	ng	0.01
7) Phenol-d6	6.60	99	728159	86.57	ng	0.00
23) Nitrobenzene-d5	7.54	82	662302	93.24	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	159654	84.36	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1210682	99.51	ng	0.00
79) Terphenyl-d14	13.09	244	915970	95.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.92	88	97215	28.215	ng	89
3) Pyridine	3.68	79	285825	37.245	ng	86
4) n-Nitrosodimethylamine	3.65	42	148639	46.231	ng	91
6) Aniline	6.63	93	205081	18.716	ng	# 53
8) 2-Chlorophenol	6.76	128	329425	43.449	ng	99
9) Benzaldehyde	6.52	77	139887	25.890	ng	96
10) Phenol	6.61	94	396581	44.107	ng	# 66
11) bis(2-Chloroethyl)ether	6.70	93	291828	39.451	ng	94
12) 1,3-Dichlorobenzene	6.91	146	334623	40.105	ng	99
13) 1,4-Dichlorobenzene	6.99	146	340454	40.345	ng	97
14) 1,2-Dichlorobenzene	7.14	146	322362	41.151	ng	99
15) Benzyl Alcohol	7.11	79	287916	44.504	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.24	45	465605	39.367	ng	69
17) 2-Methylphenol	7.22	107	264710	43.808	ng	# 81
18) Hexachloroethane	7.48	117	124230	40.211	ng	96
19) n-Nitroso-di-n-propylamine	7.38	70	218016	40.401	ng	95
20) 3+4-Methylphenols	7.37	107	333211	42.662	ng	94
22) Acetophenone	7.38	105	444427	45.777	ng	# 96
24) Nitrobenzene	7.56	77	330974	45.129	ng	94
25) Isophorone	7.79	82	607367	50.159	ng	95
26) 2-Nitrophenol	7.87	139	167789	48.078	ng	97
27) 2,4-Dimethylphenol	7.90	122	304139	52.563	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	384246	46.712	ng	99
29) 2,4-Dichlorophenol	8.11	162	274172	46.901	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	289723	44.247	ng	96
31) Naphthalene	8.27	128	925603	47.665	ng	99
32) Benzoic acid	8.03	122	132981	29.736	ng	92
33) 4-Chloroaniline	8.32	127	73402	8.399	ng	98
34) Hexachlorobutadiene	8.39	225	161188	44.335	ng	99
35) Caprolactam	8.70	113	49556	24.322	ng	89
36) 4-Chloro-3-methylphenol	8.80	107	292124	46.212	ng	98
37) 2-Methylnaphthalene	8.97	142	639417	49.767	ng	100
38) 1-Methylnaphthalene	9.07	142	596237	48.022	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	267629	44.959	ng	98

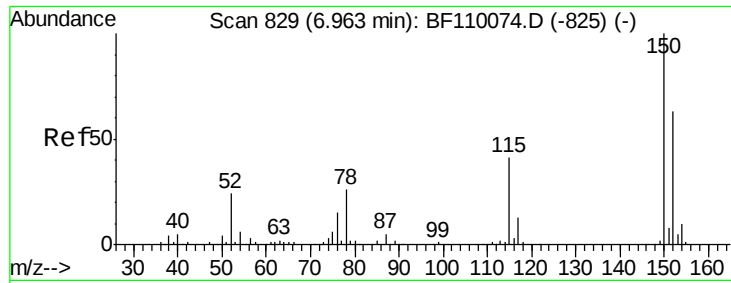
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF103018\
 Data File : BF110310.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	135093	44.382	ng	98
43) 2,4,6-Trichlorophenol	9.25	196	183231	47.723	ng	99
44) 2,4,5-Trichlorophenol	9.29	196	190901	47.038	ng	93
46) 1,1'-Biphenyl	9.43	154	758679	43.913	ng	99
47) 2-Chloronaphthalene	9.46	162	576137	45.462	ng	99
48) 2-Nitroaniline	9.56	65	176115	45.859	ng	96
49) Acenaphthylene	9.88	152	888160	48.522	ng	98
50) Dimethylphthalate	9.73	163	685600	48.614	ng	99
51) 2,6-Dinitrotoluene	9.80	165	141494	46.577	ng	98
52) Acenaphthene	10.05	154	529951	43.764	ng	98
53) 3-Nitroaniline	9.97	138	70376	19.481	ng	90
54) 2,4-Dinitrophenol	10.08	184	47543	42.057	ng	88
55) Dibenzofuran	10.22	168	762889	44.998	ng	99
56) 4-Nitrophenol	10.14	139	291084	108.868	ng	97
57) 2,4-Dinitrotoluene	10.21	165	181091	46.932	ng	89
58) Fluorene	10.57	166	601531	47.673	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.34	232	148749	44.966	ng	94
60) Diethylphthalate	10.43	149	656186	47.664	ng	99
61) 4-Chlorophenyl-phenylether	10.55	204	295026	44.323	ng	95
62) 4-Nitroaniline	10.59	138	126103	35.096	ng	98
63) Azobenzene	10.72	77	609931	44.634	ng	97
65) 4,6-Dinitro-2-methylphenol	10.62	198	38171	26.875	ng	90
66) n-Nitrosodiphenylamine	10.67	169	529577	51.935	ng	97
67) 4-Bromophenyl-phenylether	11.05	248	167945	49.804	ng	# 92
68) Hexachlorobenzene	11.12	284	169995	47.512	ng	# 92
69) Atrazine	11.20	200	170019	52.761	ng	99
70) Pentachlorophenol	11.31	266	145523	69.751	ng	97
71) Phenanthrene	11.53	178	808738	49.717	ng	99
72) Anthracene	11.59	178	820072	50.297	ng	100
73) Carbazole	11.74	167	688481	43.247	ng	99
74) Di-n-butylphthalate	12.06	149	931080	51.785	ng	99
75) Fluoranthene	12.73	202	700878	42.455	ng	99
77) Benzidine	12.85	184	318013	Below Cal		96
78) Pyrene	12.96	202	698492	48.962	ng	98
80) Butylbenzylphthalate	13.56	149	321759	51.963	ng	97
81) Benzo(a)anthracene	14.15	228	589522	49.956	ng	99
82) 3,3'-Dichlorobenzidine	14.10	252	154069	37.493	ng	98
83) Chrysene	14.19	228	545461	48.665	ng	99
84) Bis(2-ethylhexyl)phthalate	14.11	149	434813	51.946	ng	97
85) Di-n-octyl phthalate	14.73	149	718555	55.208	ng	100
86) Indeno(1,2,3-cd)pyrene	17.27	276	420362	45.208	ng	98
88) Benzo(b)fluoranthene	15.23	252	528397	55.157	ng	98
89) Benzo(k)fluoranthene	15.27	252	468850	49.782	ng	100
90) Benzo(a)pyrene	15.63	252	459442	52.120	ng	97
91) Dibenzo(a,h)anthracene	17.29	278	357061	46.944	ng	99
92) Benzo(g,h,i)perylene	17.75	276	338534	45.167	ng	97

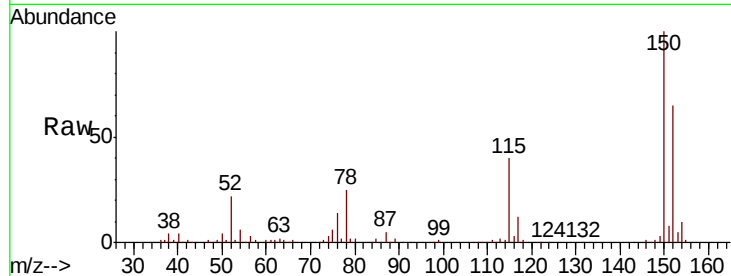
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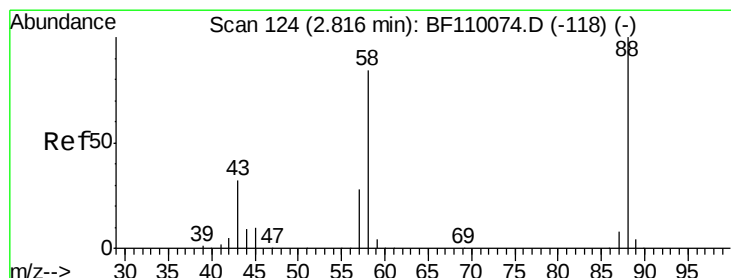
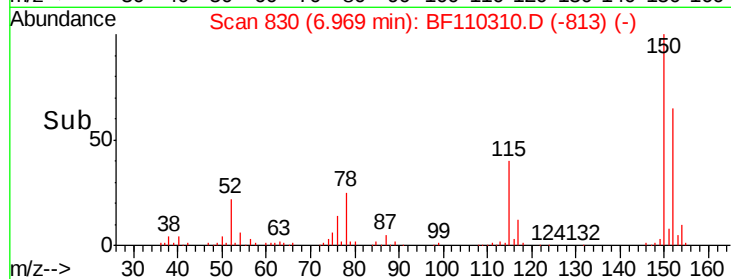
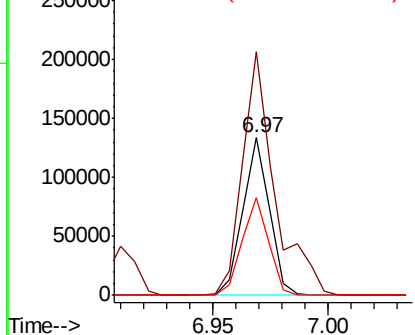
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF110310.D
 Acq: 30 Oct 2018 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB114313BS

Tgt Ion:152 Resp: 107091
 Ion Ratio Lower Upper
 152 100
 150 154.4 122.7 184.1
 115 62.3 49.1 73.7

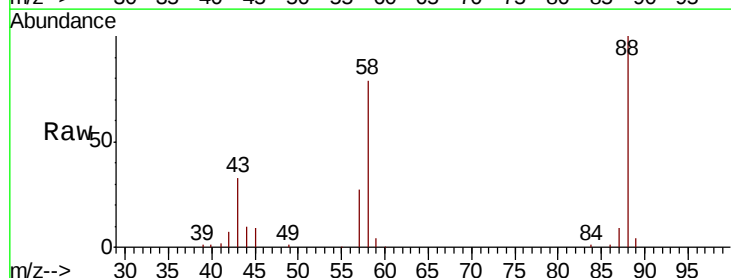


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

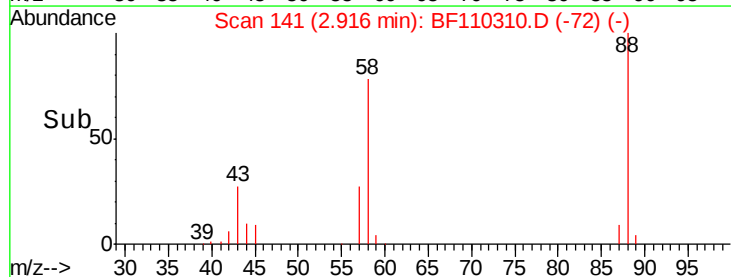
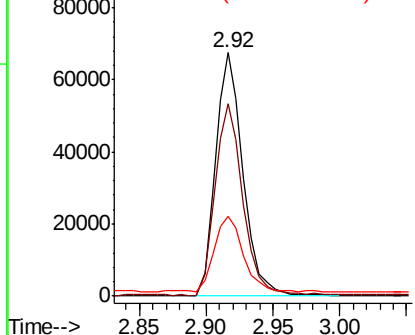


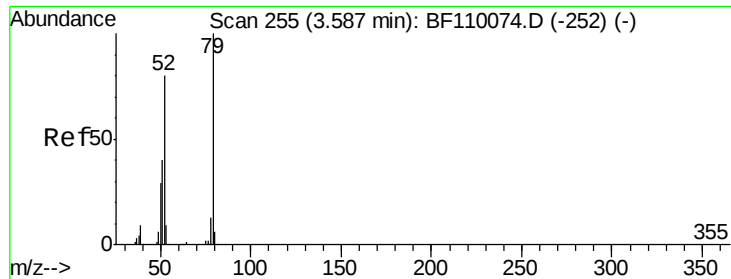
#2
 1,4-Dioxane
 Concen: 28.215 ng
 RT: 2.92 min Scan# 141
 Delta R.T. 0.11 min
 Lab File: BF110310.D
 Acq: 30 Oct 2018 18:29

Tgt Ion: 88 Resp: 97215
 Ion Ratio Lower Upper
 88 100
 58 81.8 57.1 85.7
 43 33.8 24.1 36.1



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





#3

Pyridine

Concen: 37.245 ng

RT: 3.68 min Scan# 270

Delta R.T. 0.08 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB114313BS

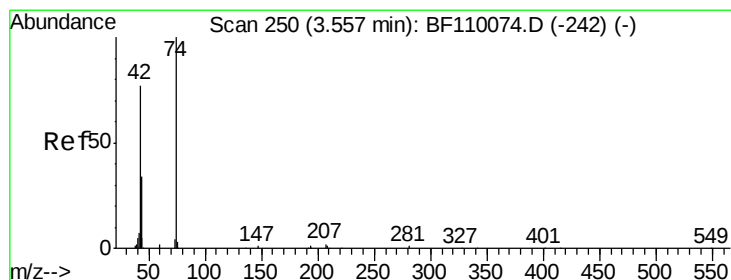
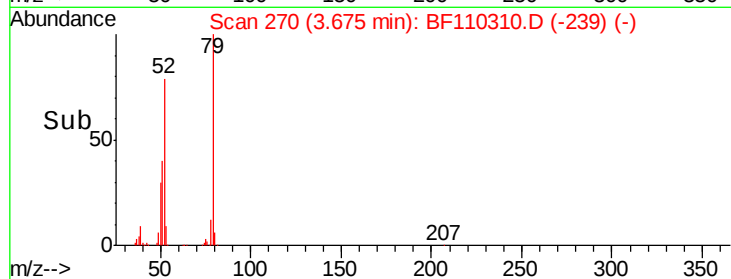
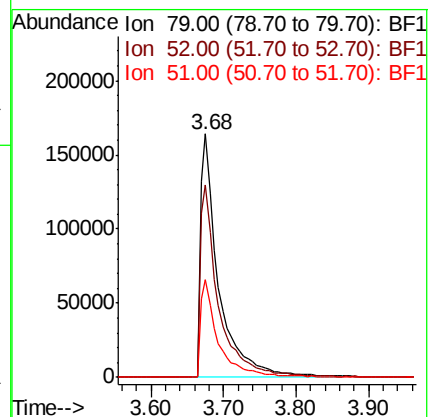
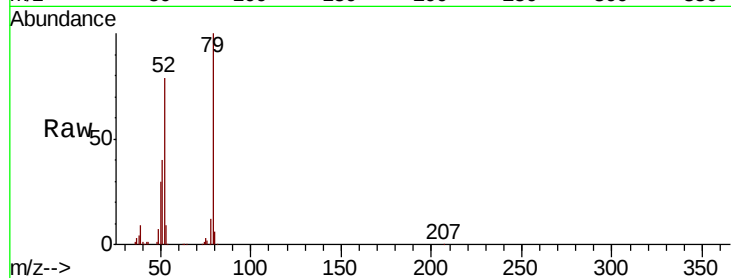
Tgt Ion: 79 Resp: 285825

Ion Ratio Lower Upper

79 100

52 78.9 53.1 79.7

51 40.1 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 46.231 ng

RT: 3.65 min Scan# 265

Delta R.T. 0.09 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

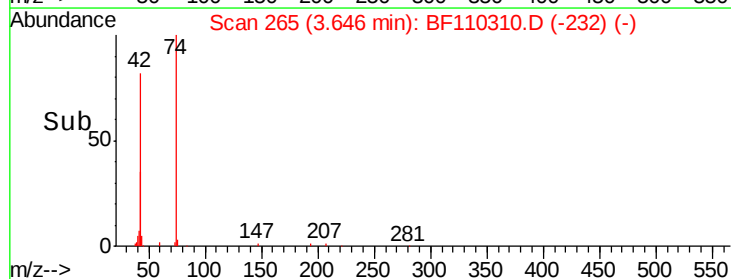
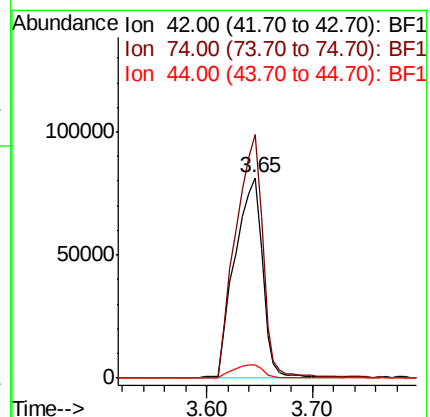
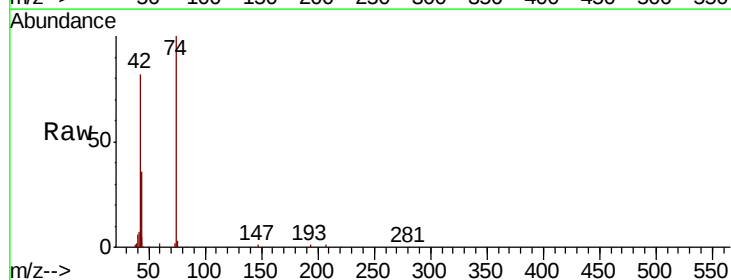
Tgt Ion: 42 Resp: 148639

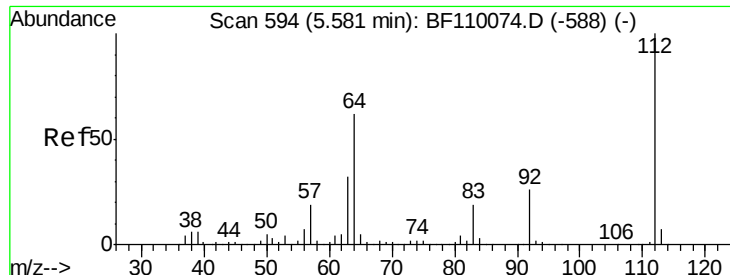
Ion Ratio Lower Upper

42 100

74 121.5 105.5 158.3

44 6.3 4.9 7.3





#5

2-Fluorophenol

Concen: 86.657 ng

RT: 5.60 min Scan# 597

Delta R.T. 0.01 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB114313BS

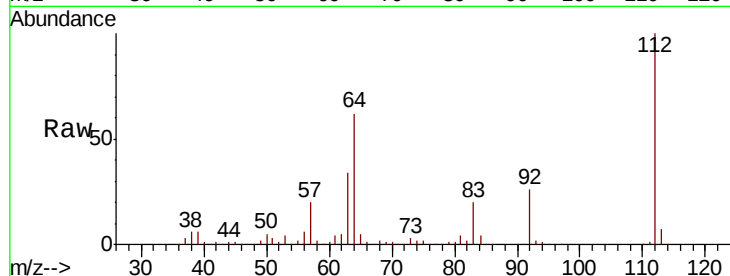
Tgt Ion: 112 Resp: 569877

Ion Ratio Lower Upper

112 100

64 61.9 44.1 66.1

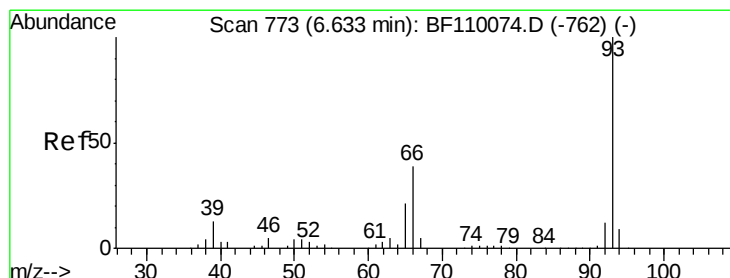
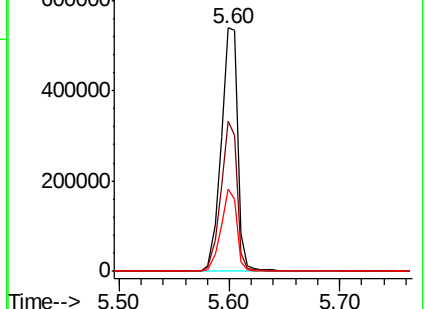
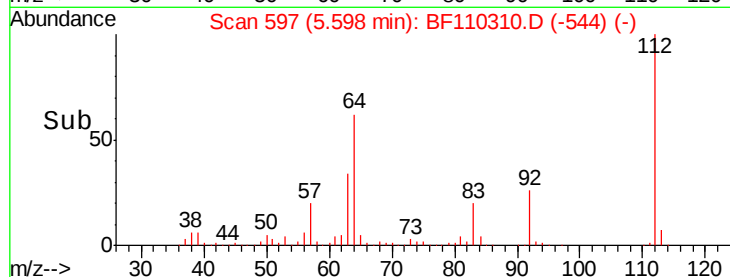
63 34.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.716 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

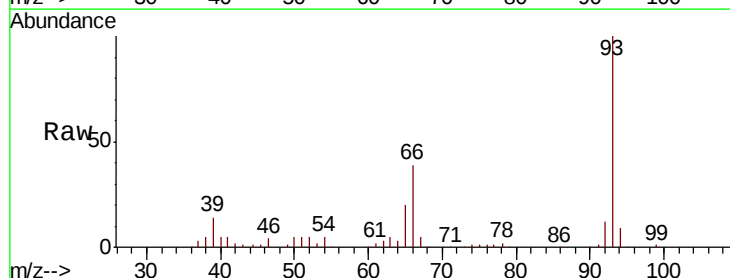
Tgt Ion: 93 Resp: 205081

Ion Ratio Lower Upper

93 100

66 39.4 67.4 101.0#

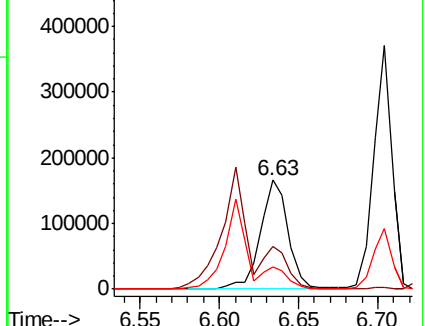
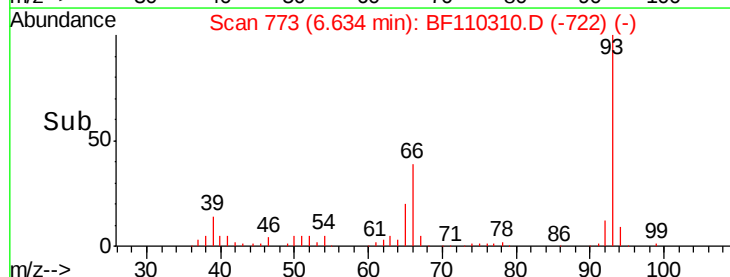
65 20.2 41.0 61.4#

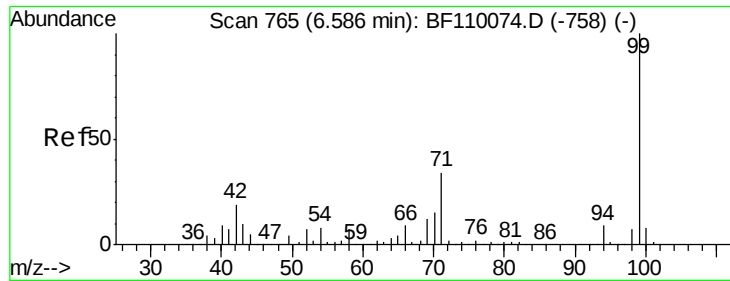


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 86.567 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Instrument :

BNA_F

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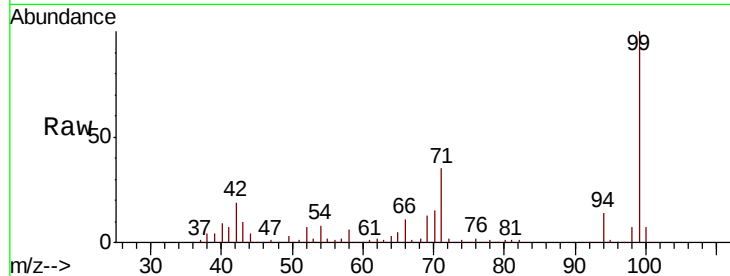
Tgt Ion: 99 Resp: 728159

Ion Ratio Lower Upper

99 100

42 19.1 15.8 23.6

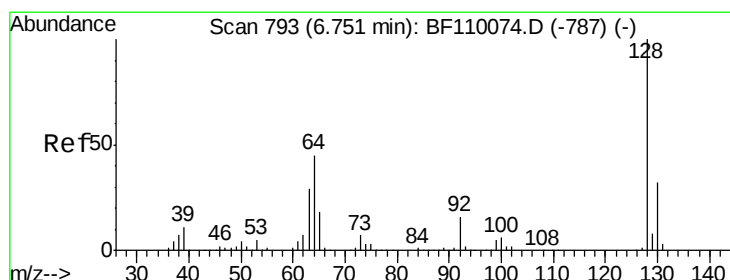
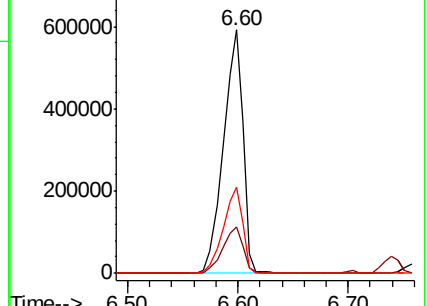
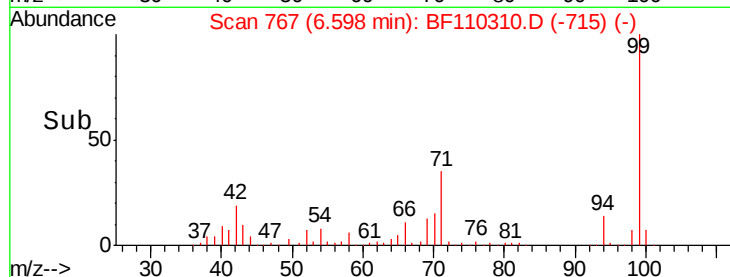
71 35.4 28.0 42.0



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: 43.449 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

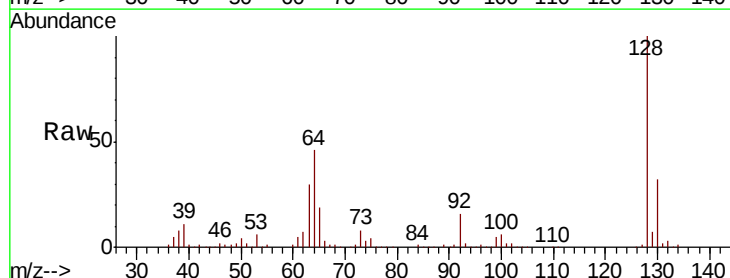
Tgt Ion: 128 Resp: 329425

Ion Ratio Lower Upper

128 100

130 31.9 13.1 53.1

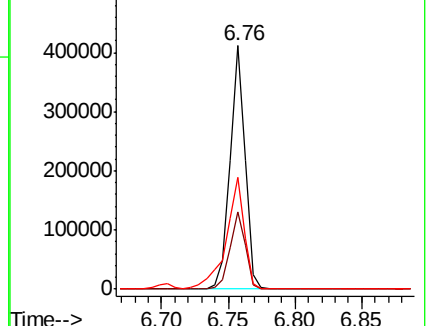
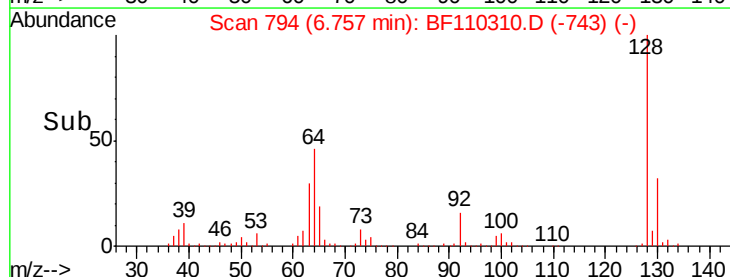
64 46.1 26.0 66.0



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

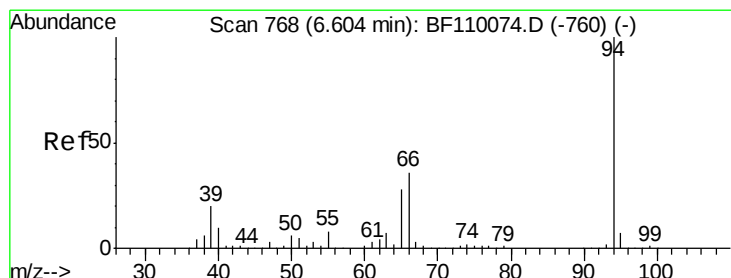
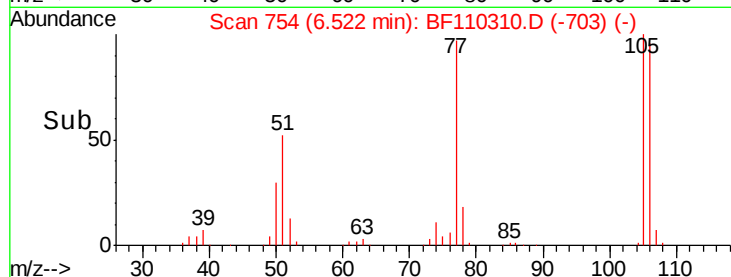
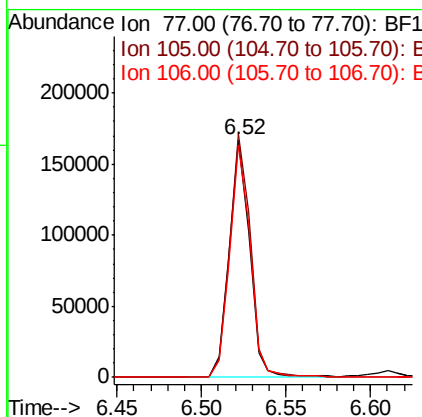
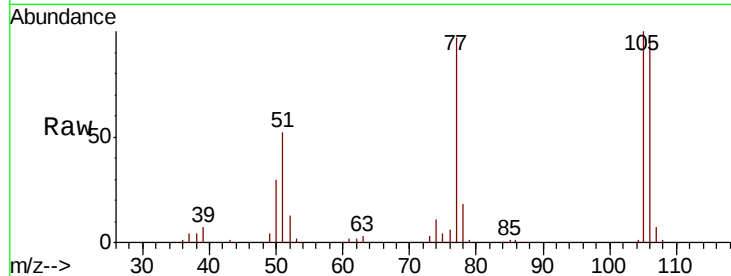




#9
Benzaldehyde
Concen: 25.890 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

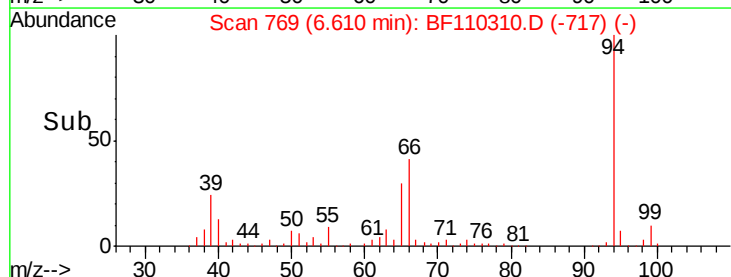
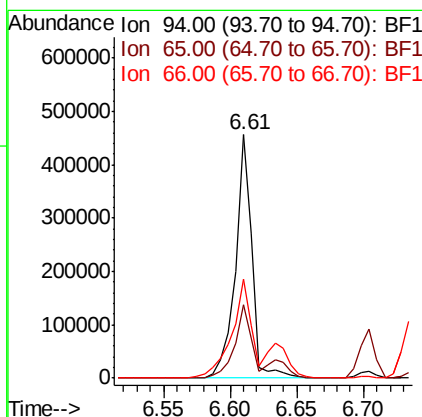
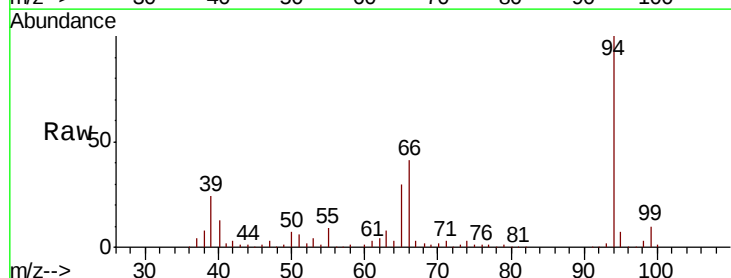
Instrument :
BNA_F
ClientSampleId :
PB114313BS

Tgt Ion: 77 Resp: 139887
Ion Ratio Lower Upper
77 100
105 102.6 78.6 118.6
106 98.0 74.8 114.8



#10
Phenol
Concen: 44.107 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.01 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Tgt Ion: 94 Resp: 396581
Ion Ratio Lower Upper
94 100
65 30.1 25.3 65.3
66 40.6 54.5 94.5#

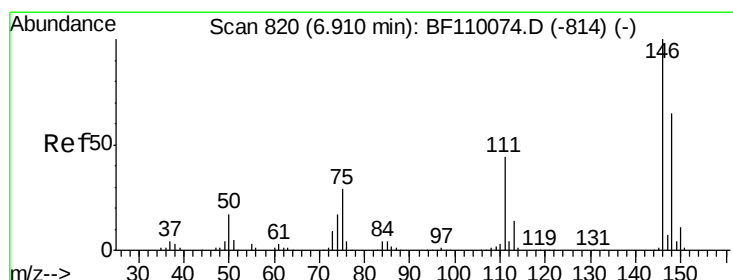
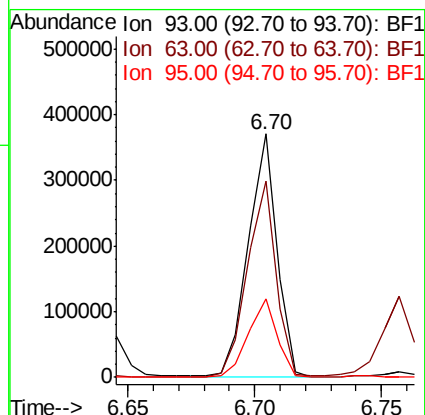
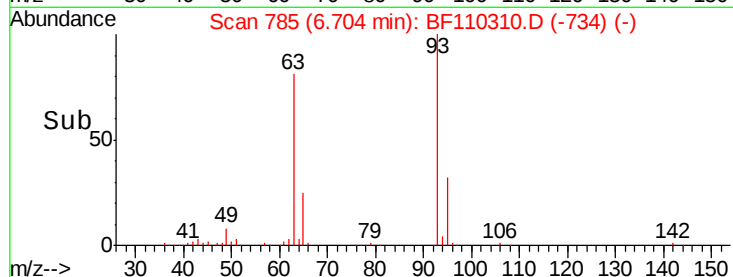
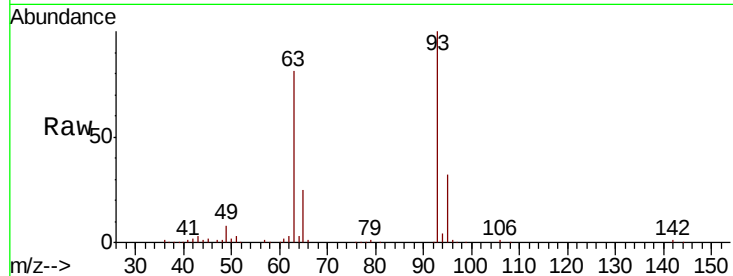




#11
 bis(2-Chloroethyl)ether
 Concen: 39.451 ng
 RT: 6.70 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF110310.D
 Acq: 30 Oct 2018 18:29

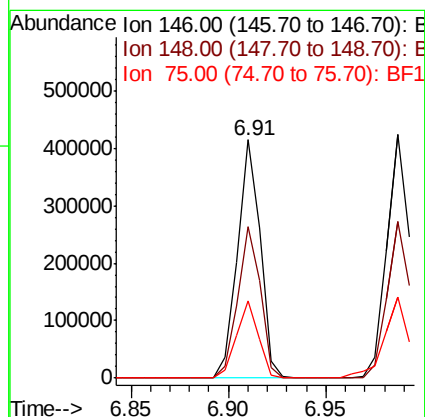
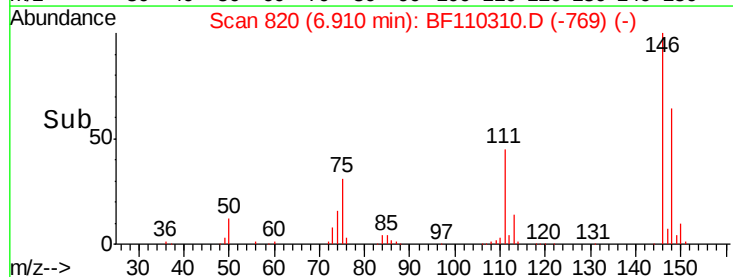
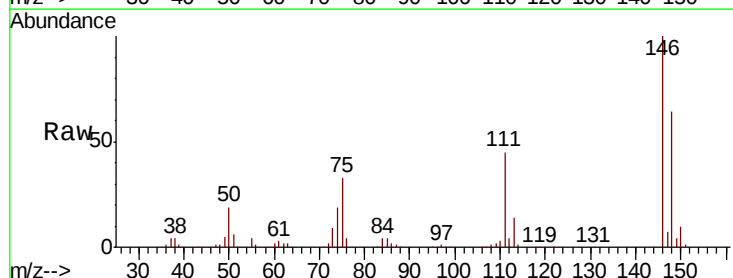
Instrument :
 BNA_F
 ClientSampleId :
 PB114313BS

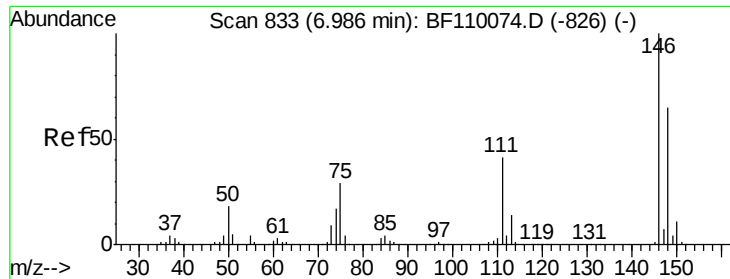
Tgt Ion: 93 Resp: 291828
 Ion Ratio Lower Upper
 93 100
 63 80.7 53.4 93.4
 95 32.3 12.1 52.1



#12
 1,3-Dichlorobenzene
 Concen: 40.105 ng
 RT: 6.91 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF110310.D
 Acq: 30 Oct 2018 18:29

Tgt Ion: 146 Resp: 334623
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.4 75.6
 75 32.5 25.8 38.6

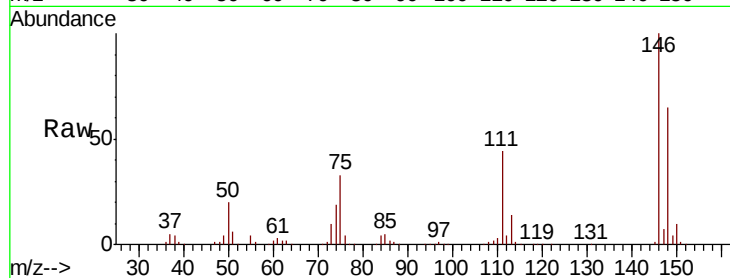




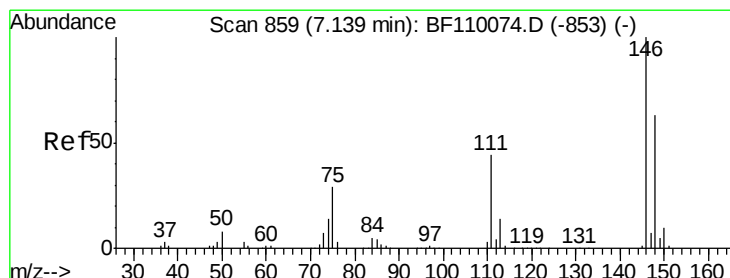
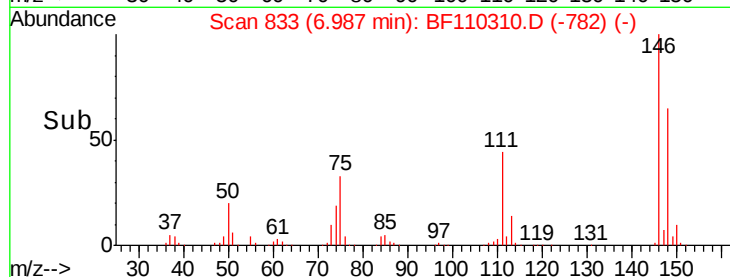
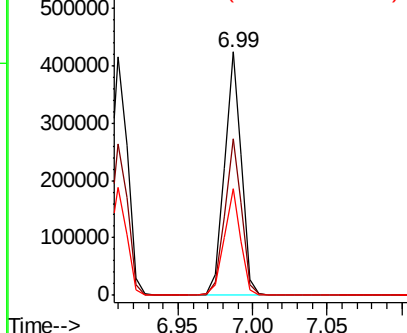
#13
 1,4-Dichlorobenzene
 Concen: 40.345 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF110310.D
 Acq: 30 Oct 2018 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB114313BS

Tgt Ion:146 Resp: 340454
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.3 75.5
 111 43.6 32.7 49.1

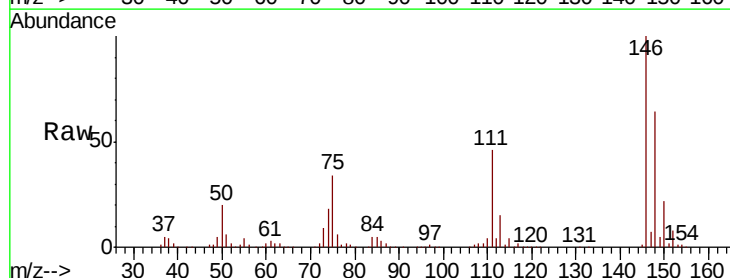


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

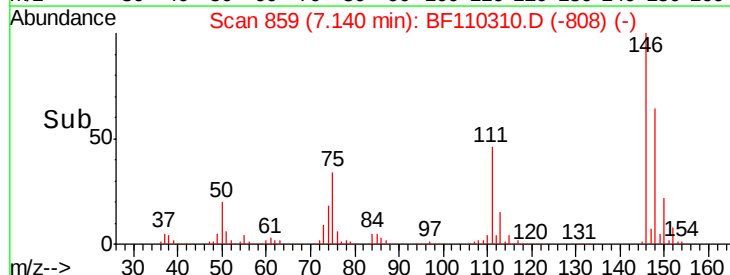
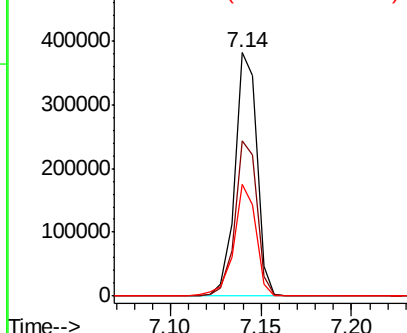


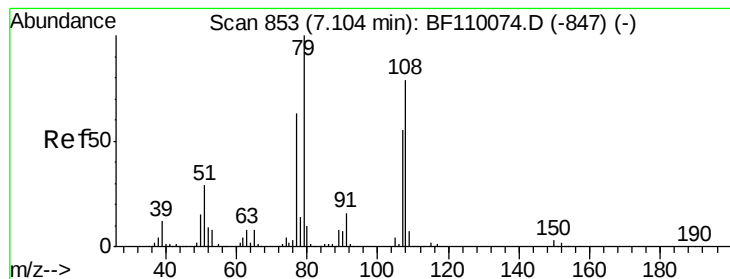
#14
 1,2-Dichlorobenzene
 Concen: 41.151 ng
 RT: 7.14 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BF110310.D
 Acq: 30 Oct 2018 18:29

Tgt Ion:146 Resp: 322362
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.1 76.7
 111 46.0 35.8 53.6



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: 44.504 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB114313BS

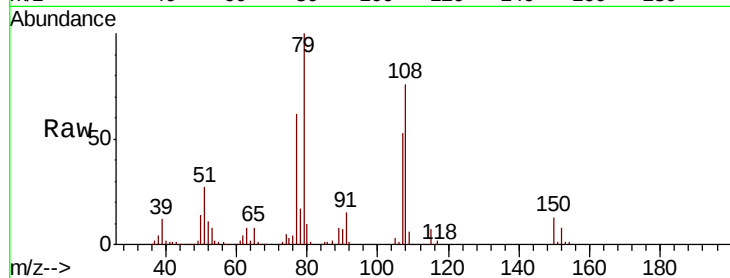
Tgt Ion: 79 Resp: 287916

Ion Ratio Lower Upper

79 100

108 75.8 56.3 84.5

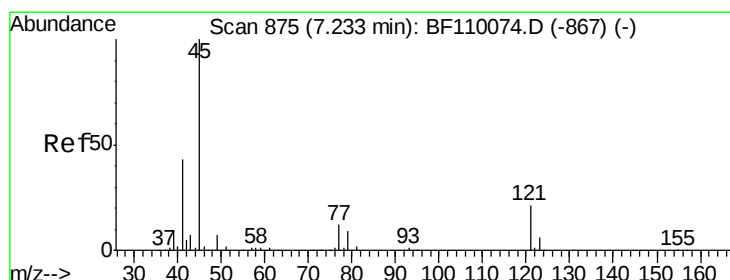
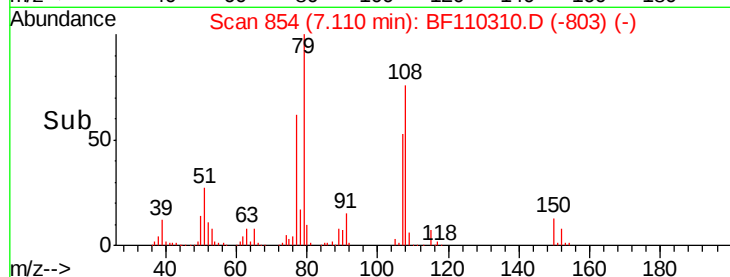
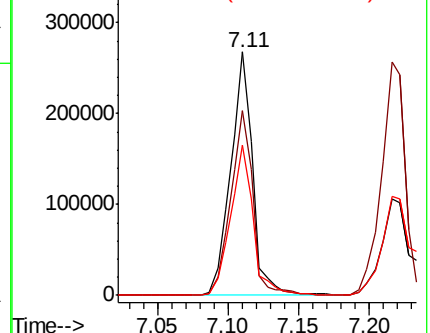
77 61.8 52.9 79.3



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: 39.367 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

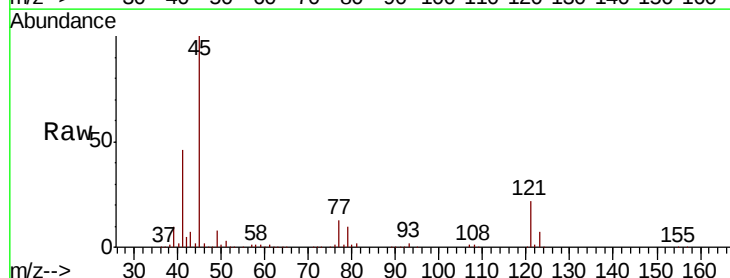
Tgt Ion: 45 Resp: 465605

Ion Ratio Lower Upper

45 100

77 13.4 10.0 50.0

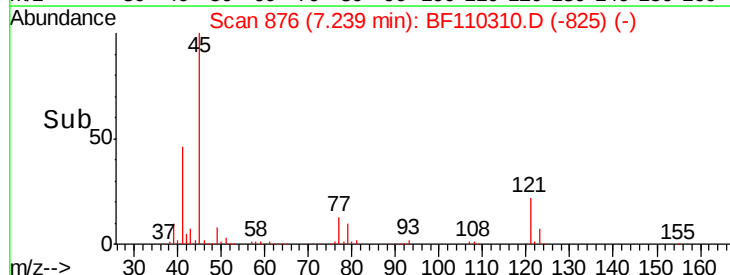
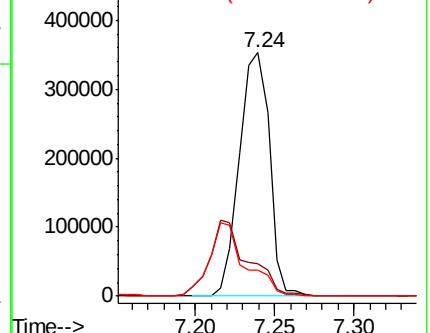
79 10.4 6.1 46.1

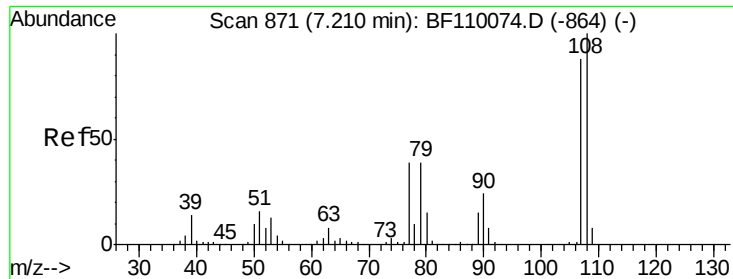


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

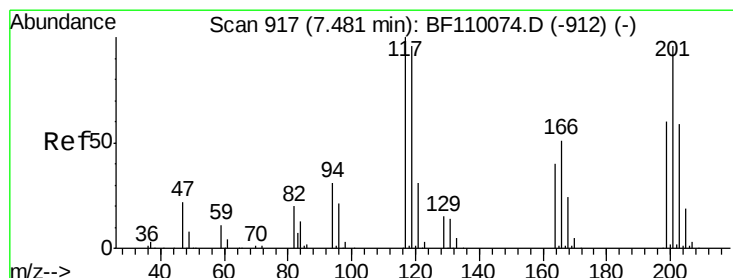
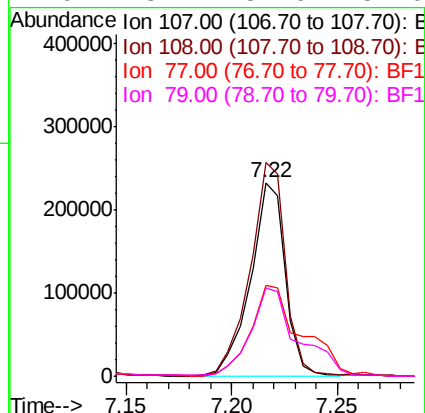
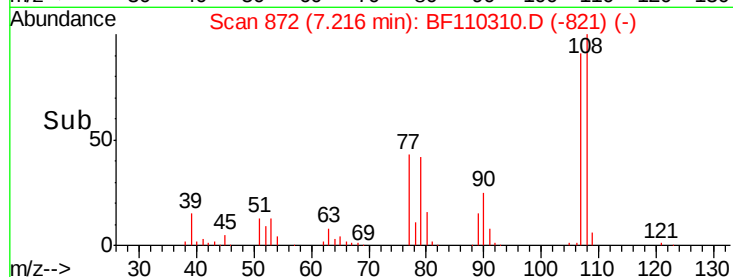
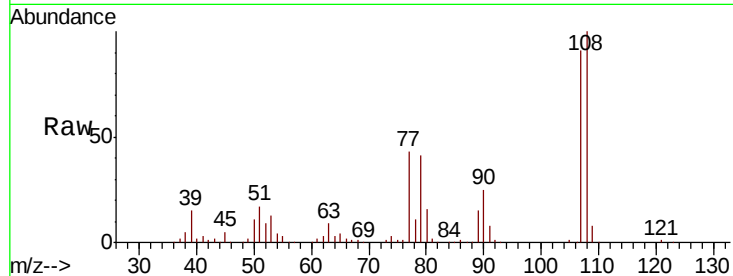




#17
2-Methylphenol
Concen: 43.808 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

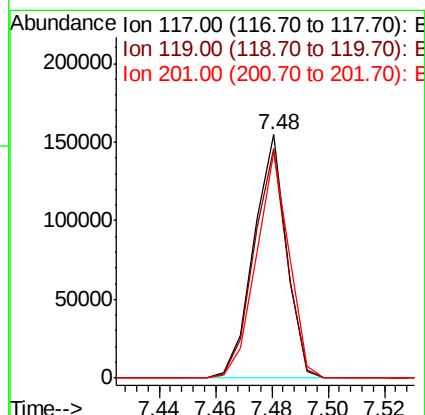
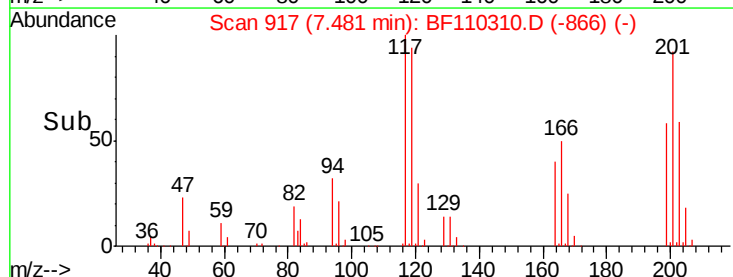
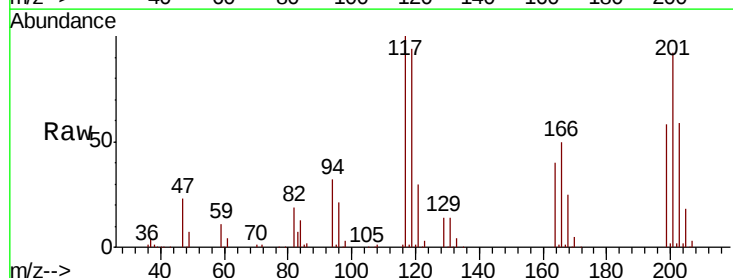
Instrument :
BNA_F
ClientSampleId :
PB114313BS

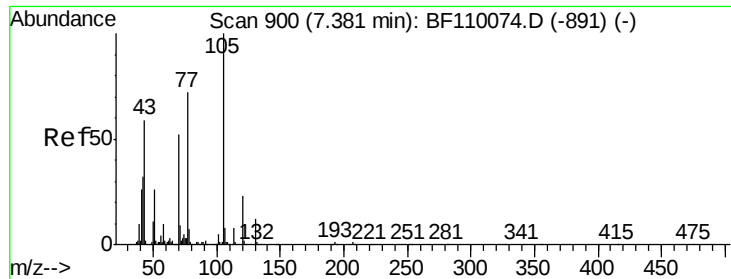
Tgt Ion	Ratio	Lower	Upper
107	100		
108	110.2	92.6	138.8
77	47.0	59.4	89.2#
79	45.7	54.0	81.0#



#18
Hexachloroethane
Concen: 40.211 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.0	112.6
201	92.5	79.2	118.8

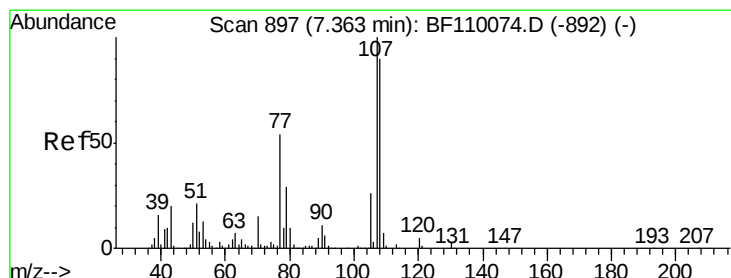
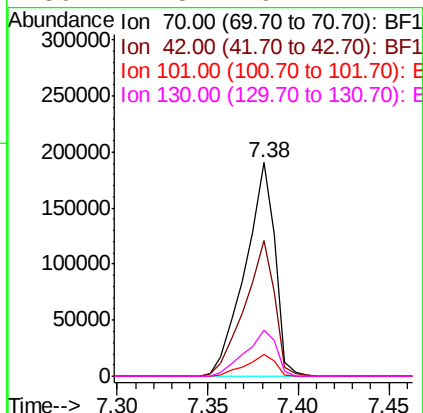
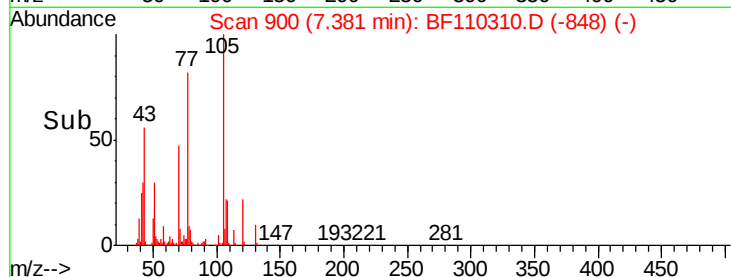
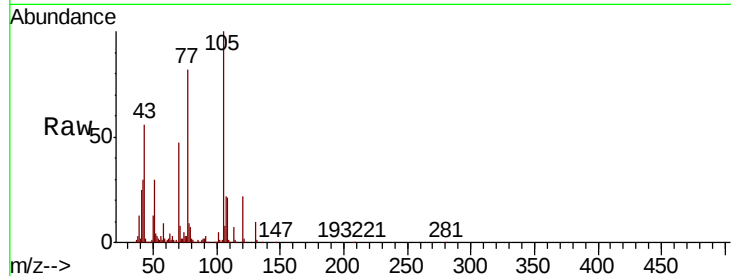




#19
n-Nitroso-di-n-propylamine
Concen: 40.401 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

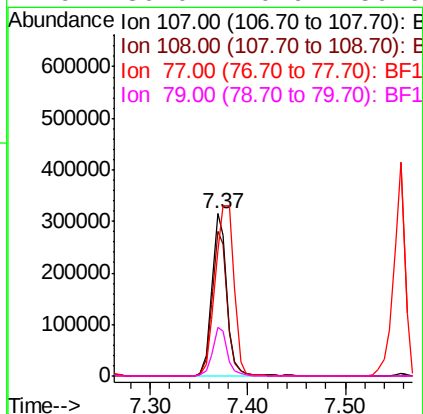
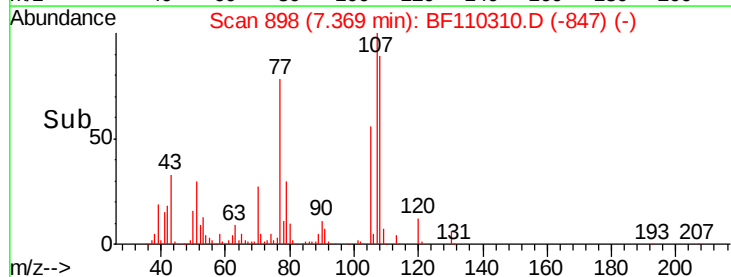
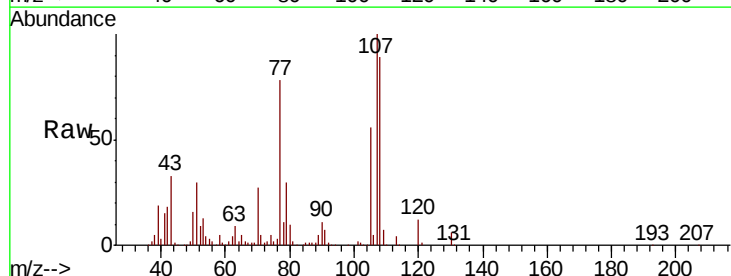
Instrument :
BNA_F
ClientSampleId :
PB114313BS

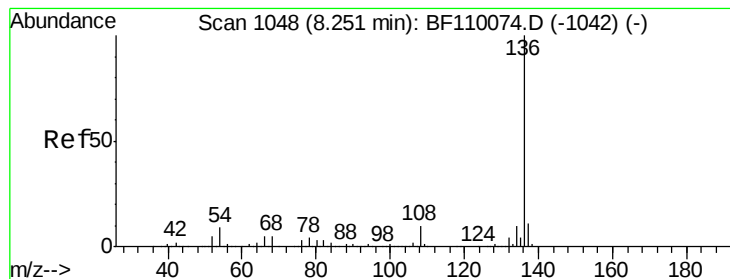
Tgt Ion:	70	Resp:	218016
Ion	Ratio	Lower	Upper
70	100		
42	63.6	47.4	71.2
101	10.0	7.3	10.9
130	21.8	16.2	24.2



#20
3+4-Methylphenols
Concen: 42.662 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Tgt Ion:	107	Resp:	333211
Ion	Ratio	Lower	Upper
107	100		
108	88.9	71.4	111.4
77	77.6	47.3	87.3
79	30.0	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB114313BS

Tgt Ion:136 Resp: 421335

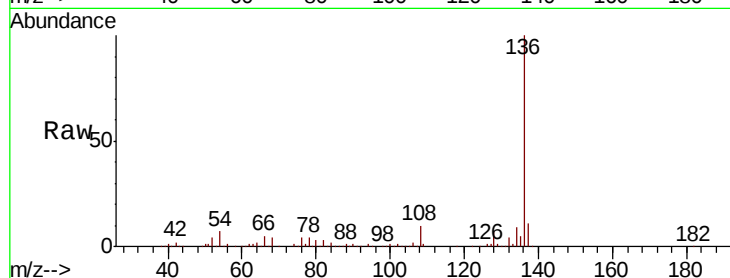
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.3 5.4 8.2

68 4.4 4.2 6.2

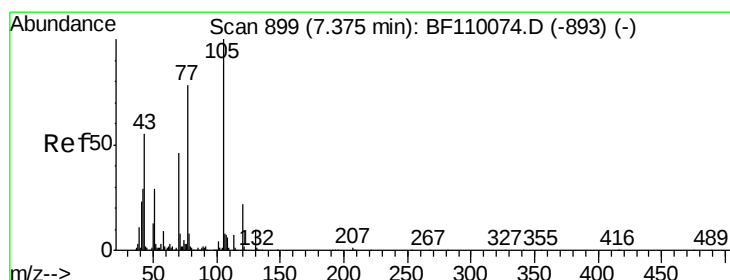
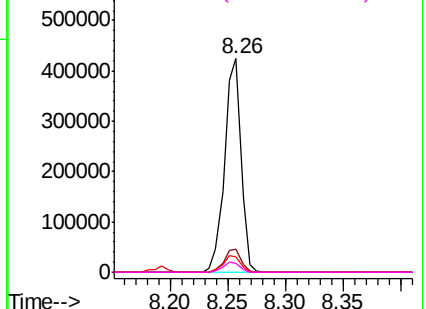
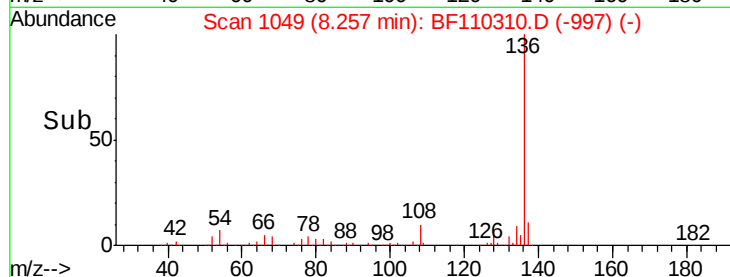


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.777 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Tgt Ion:105 Resp: 444427

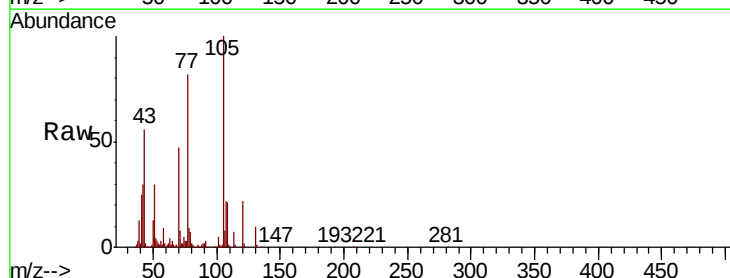
Ion Ratio Lower Upper

105 100

71 8.0 5.2 7.8#

51 29.9 21.8 32.8

120 21.9 17.0 25.4

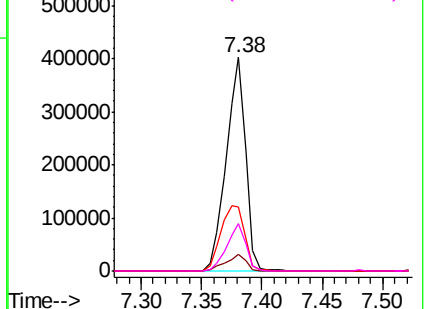
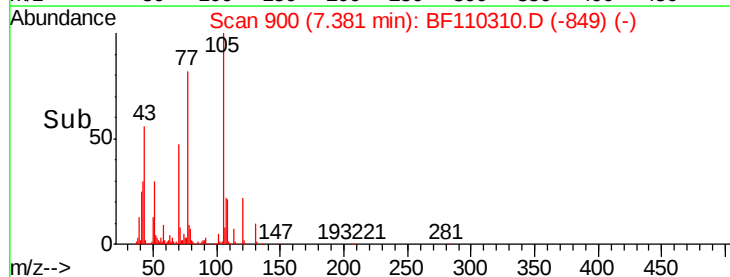


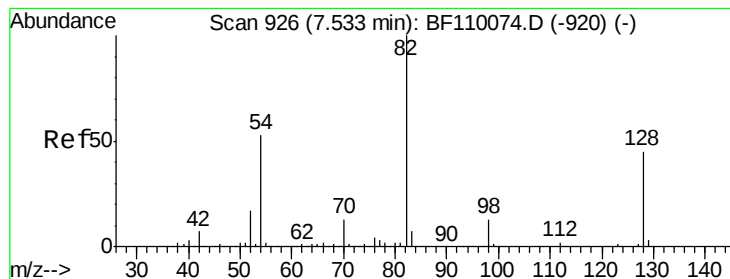
Abundance Ion 105.00 (104.70 to 105.70): E

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: 93.235 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.01 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB114313BS

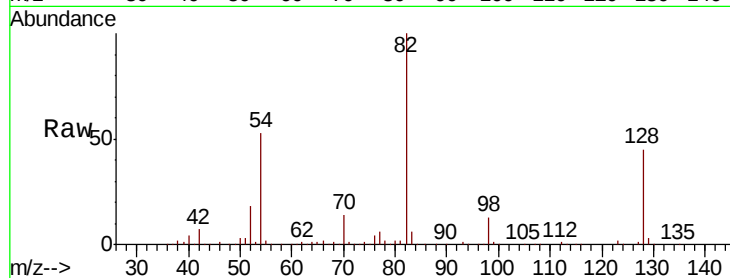
Tgt Ion: 82 Resp: 662302

Ion Ratio Lower Upper

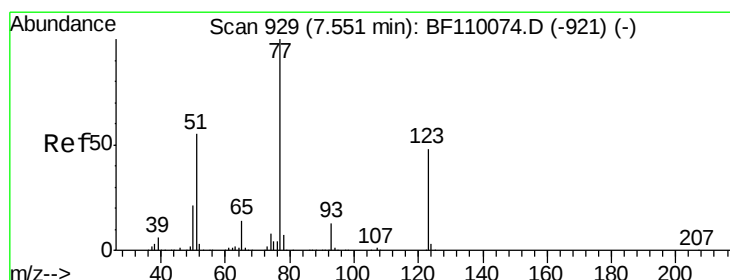
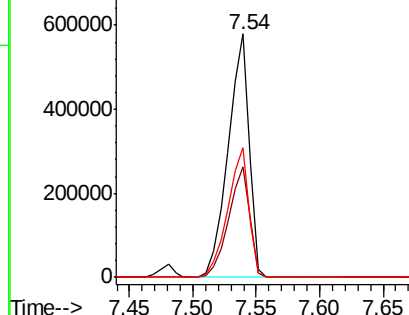
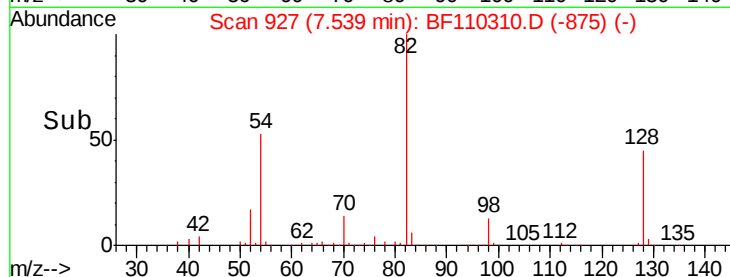
82 100

128 45.3 34.2 51.2

54 53.1 38.6 58.0



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: 45.129 ng

RT: 7.56 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

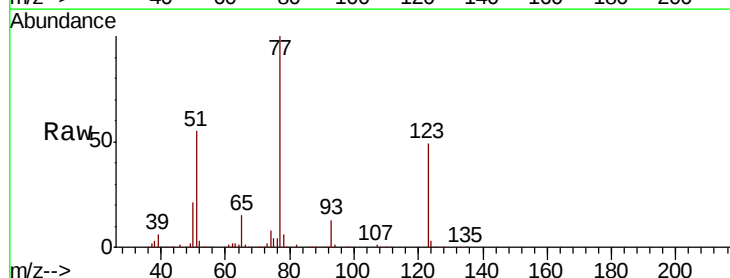
Tgt Ion: 77 Resp: 330974

Ion Ratio Lower Upper

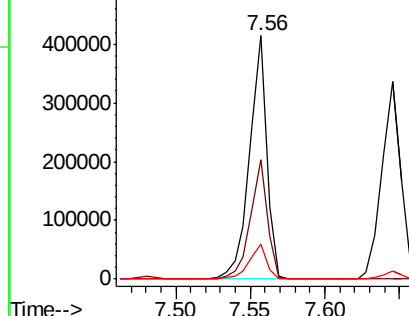
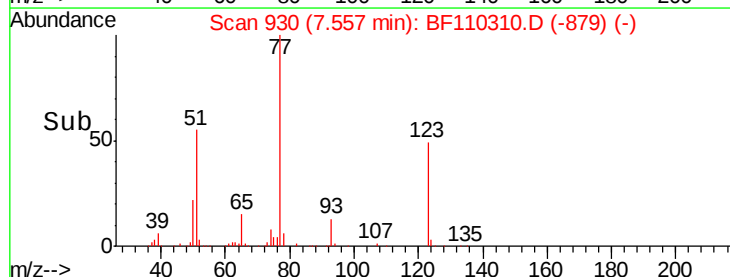
77 100

123 48.9 35.7 53.5

65 14.6 10.7 16.1



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

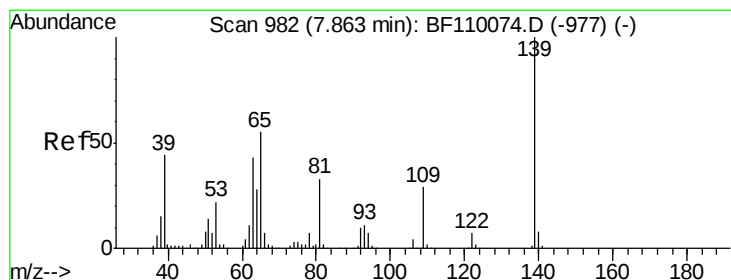
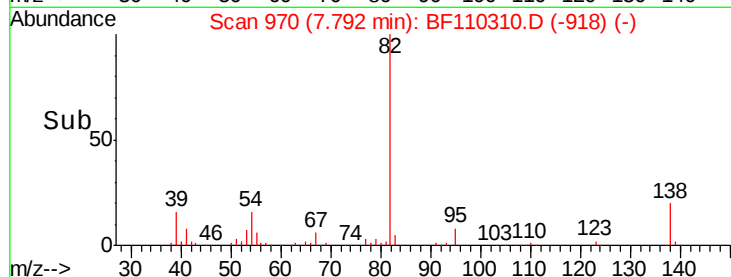
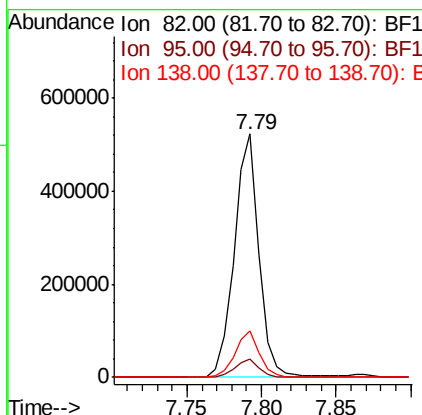
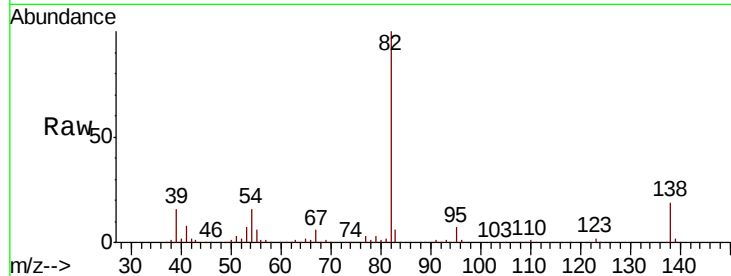




#25
Isophorone
Concen: 50.159 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

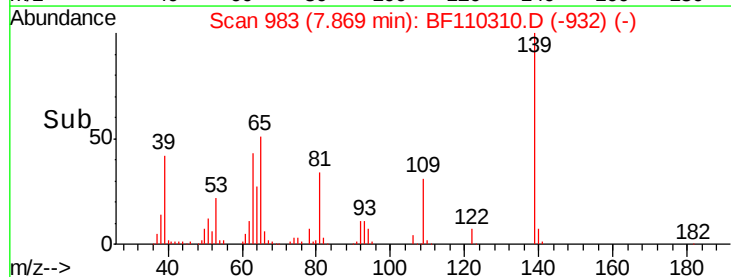
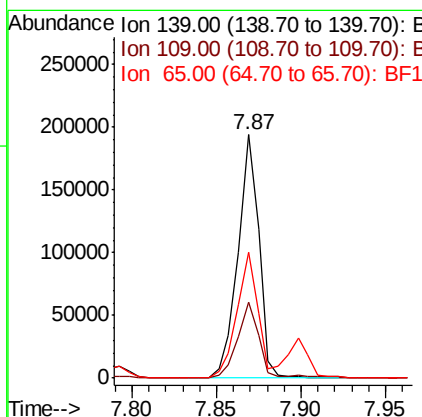
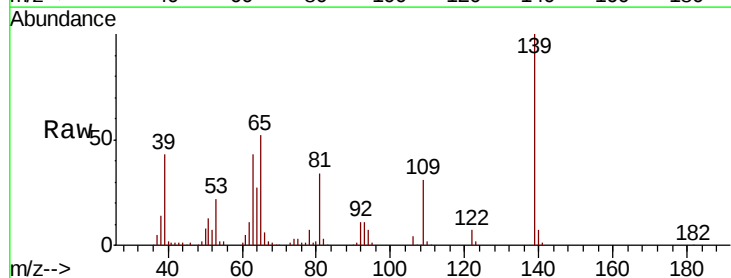
Instrument :
BNA_F
ClientSampleId :
PB114313BS

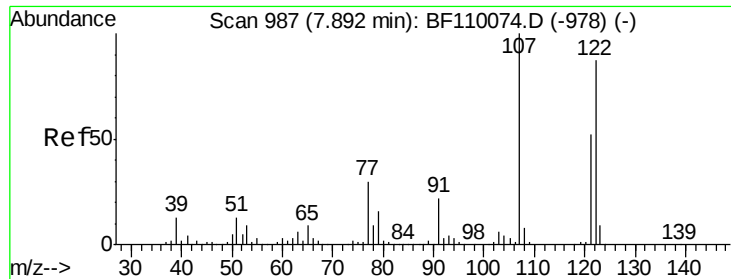
Tgt Ion: 82 Resp: 607367
Ion Ratio Lower Upper
82 100
95 7.5 5.7 8.5
138 19.2 13.2 19.8



#26
2-Nitrophenol
Concen: 48.078 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Tgt Ion: 139 Resp: 167789
Ion Ratio Lower Upper
139 100
109 31.4 25.0 37.6
65 51.8 44.0 66.0

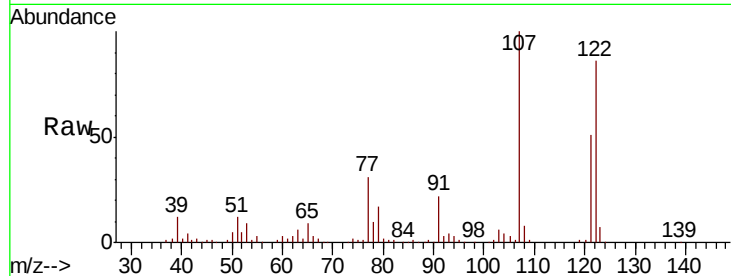




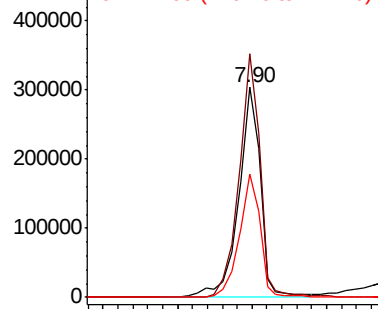
#27
2,4-Dimethylphenol
Concen: 52.563 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB114313BS

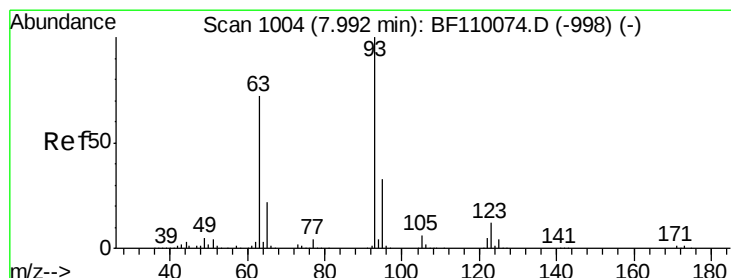
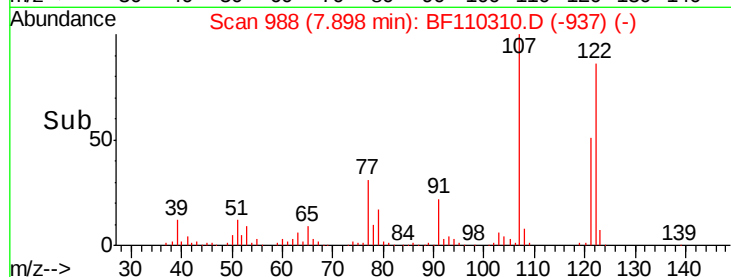
Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.0	92.5	138.7
121	58.7	45.8	68.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

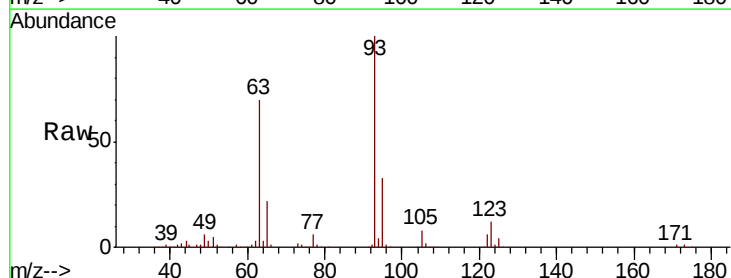


Time-->

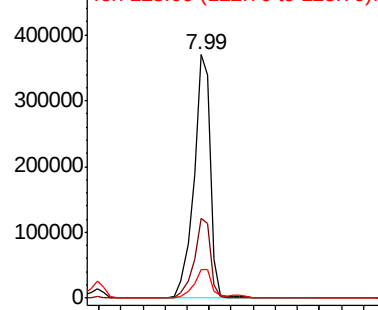


#28
bis(2-Chloroethoxy)methane
Concen: 46.712 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

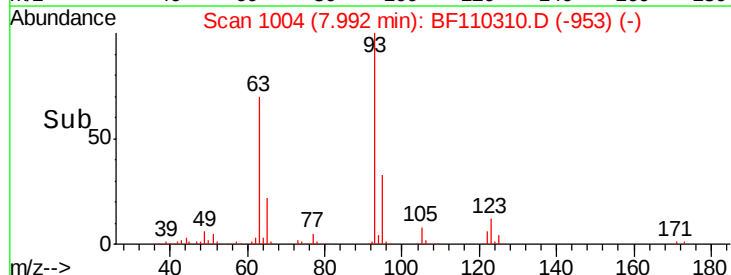
Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.4	39.6
123	11.8	9.0	13.6

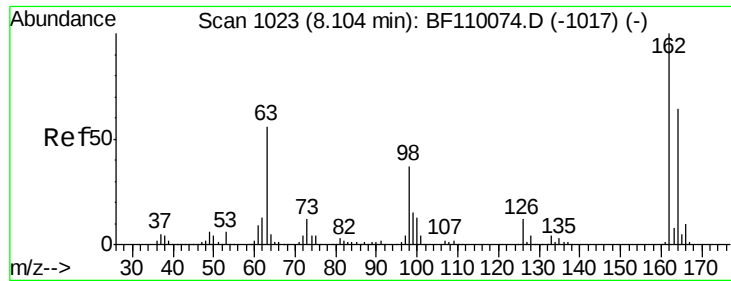


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E



Time-->

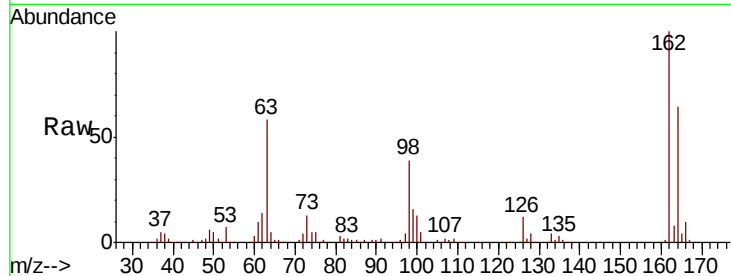




#29
2,4-Dichlorophenol
Concen: 46.901 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB114313BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.6	84.6
98	38.7	17.4	57.4

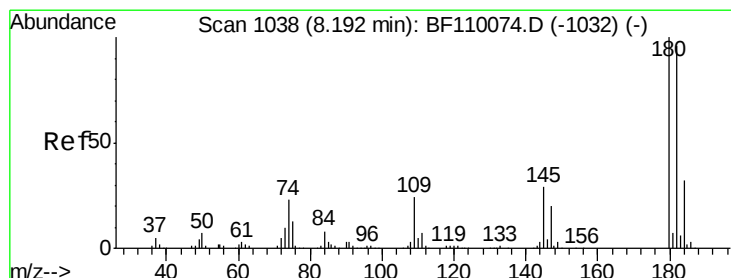
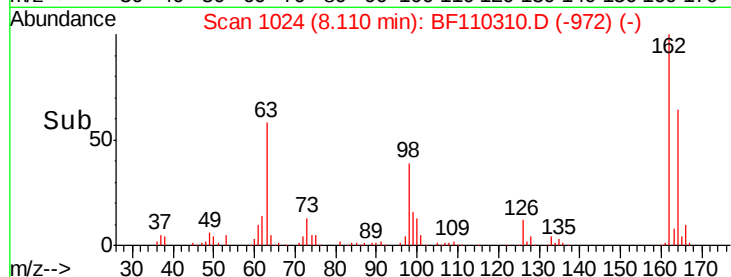
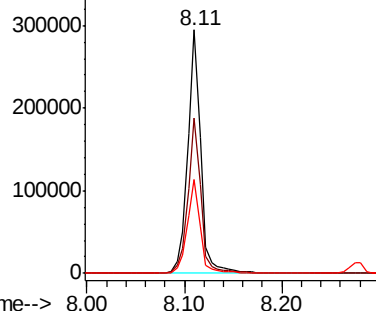


Abundance

Ion 162.00 (161.70 to 162.70): E

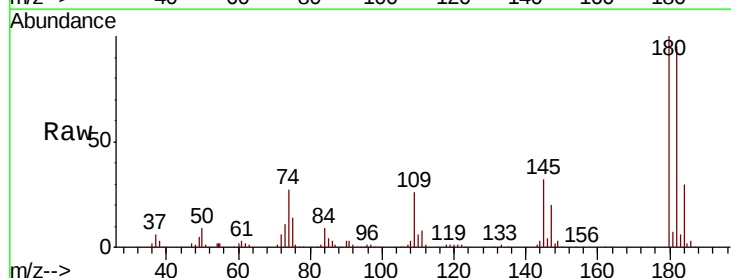
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 44.247 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	80.3	120.5
145	31.6	25.4	38.0

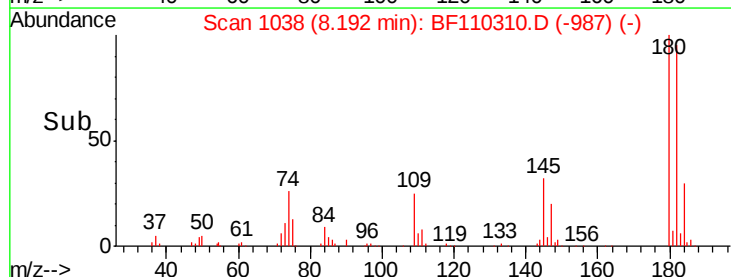
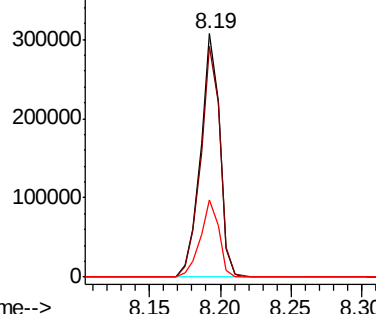


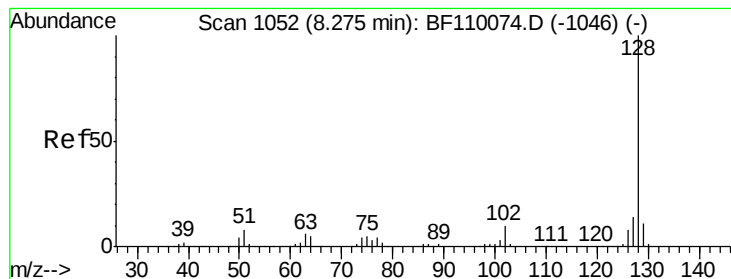
Abundance

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: 47.665 ng

RT: 8.27 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB114313BS

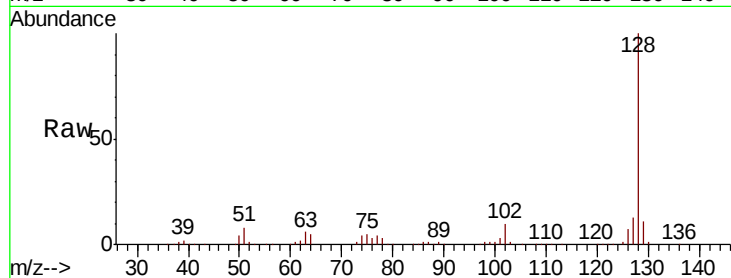
Tgt Ion:128 Resp: 925603

Ion Ratio Lower Upper

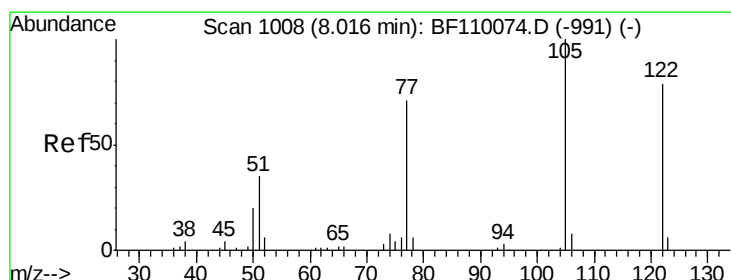
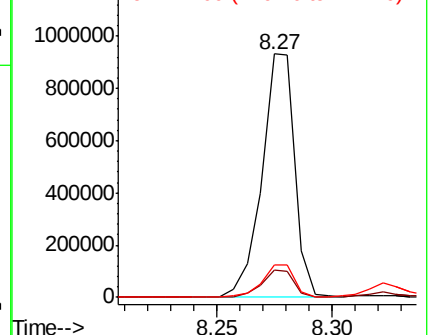
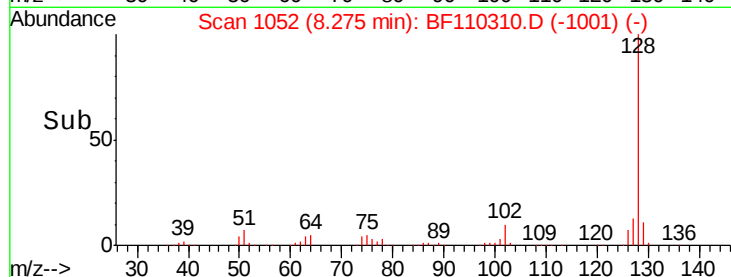
128 100

129 11.2 8.8 13.2

127 13.2 10.8 16.2



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: 29.736 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

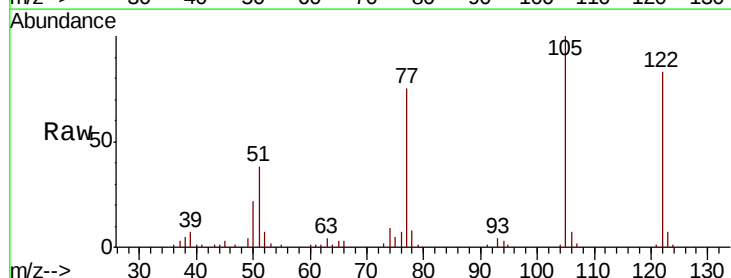
Tgt Ion:122 Resp: 132981

Ion Ratio Lower Upper

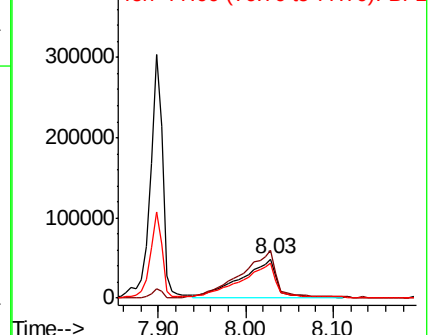
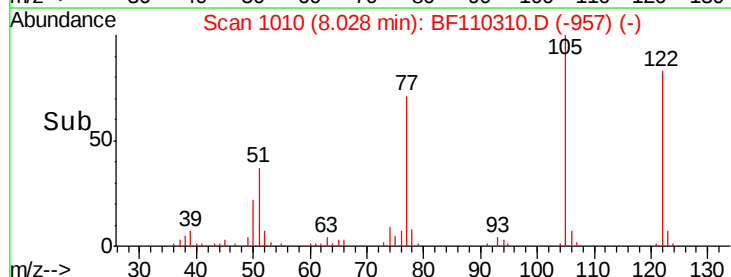
122 100

105 120.1 109.0 149.0

77 89.5 79.0 119.0



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

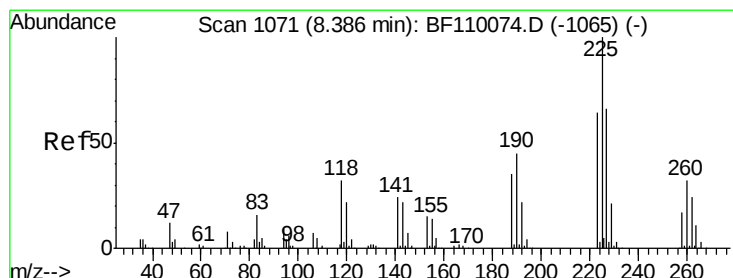
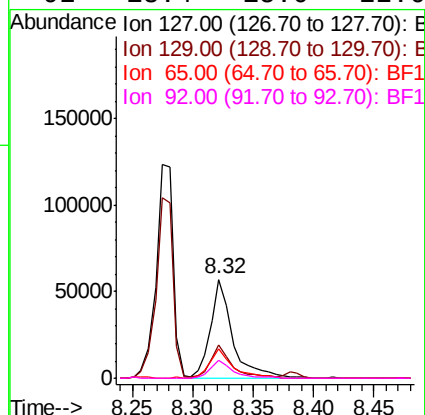
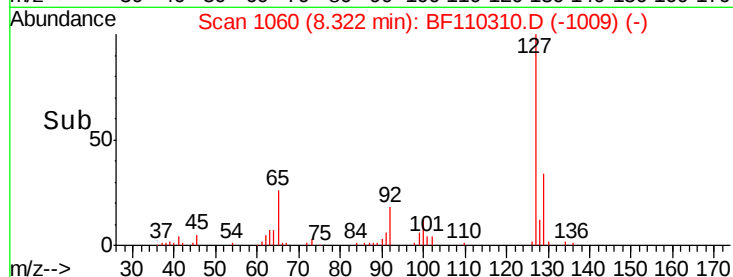
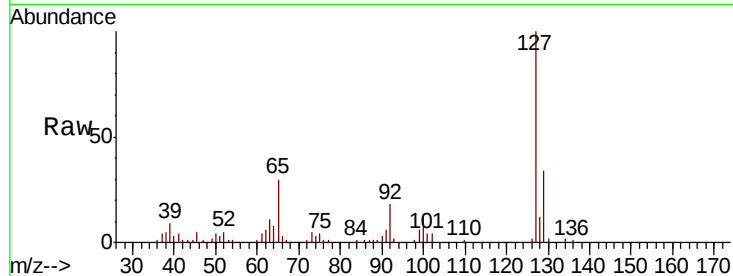




#33
4-Chloroaniline
Concen: 8.399 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

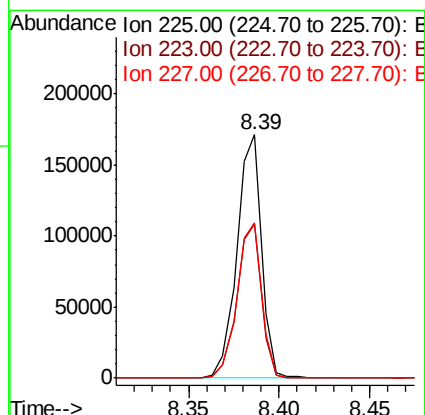
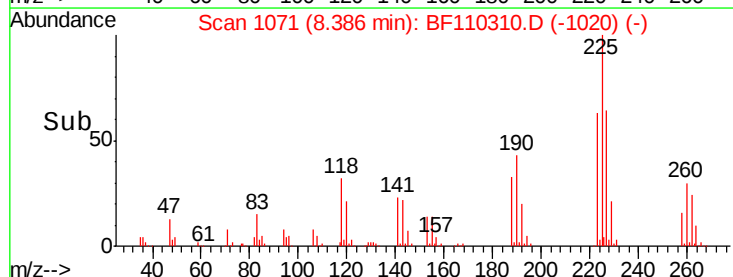
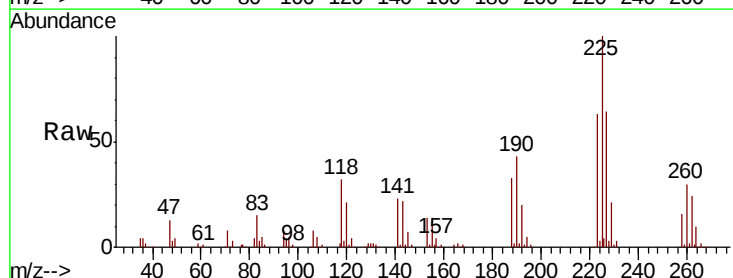
Instrument :
BNA_F
ClientSampleId :
PB114313BS

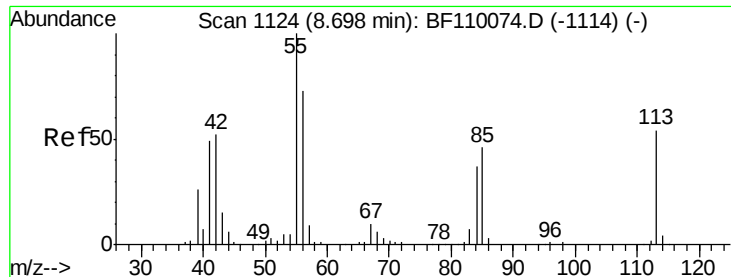
Tgt Ion:	127	Resp:	73402
Ion	Ratio	Lower	Upper
127	100		
129	34.0	26.0	39.0
65	29.9	25.1	37.7
92	18.4	15.0	22.6



#34
Hexachlorobutadiene
Concen: 44.335 ng
RT: 8.39 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Tgt Ion:	225	Resp:	161188
Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.4	77.2
227	63.9	51.0	76.6

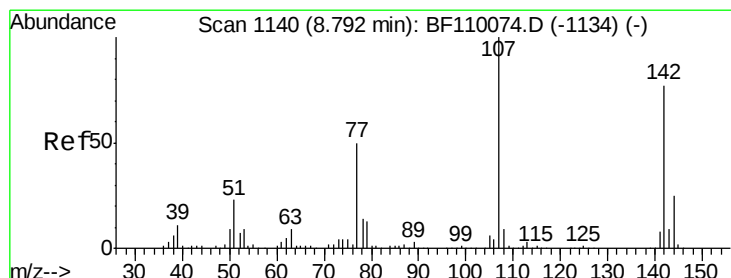
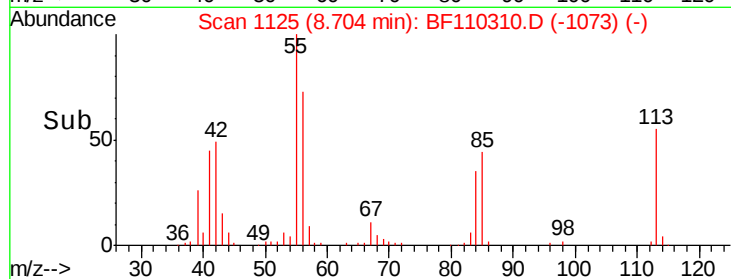
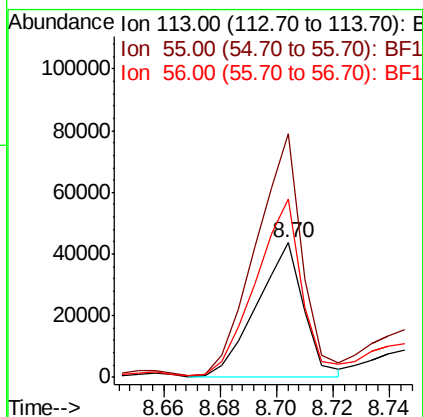
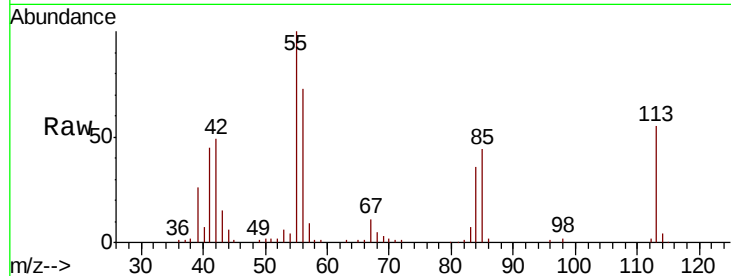




#35
 Caprolactam
 Concen: 24.322 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: BF110310.D
 Acq: 30 Oct 2018 18:29

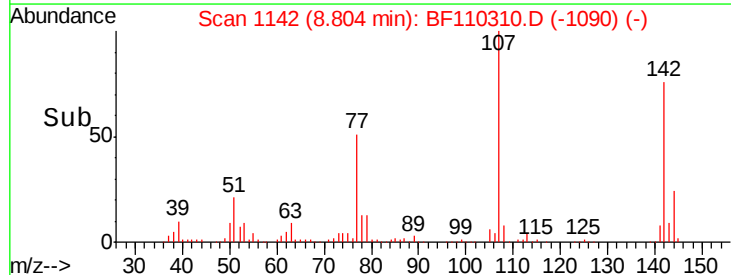
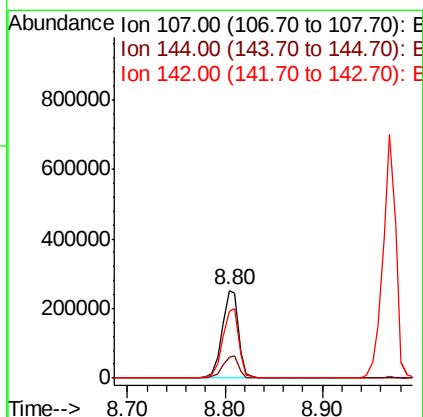
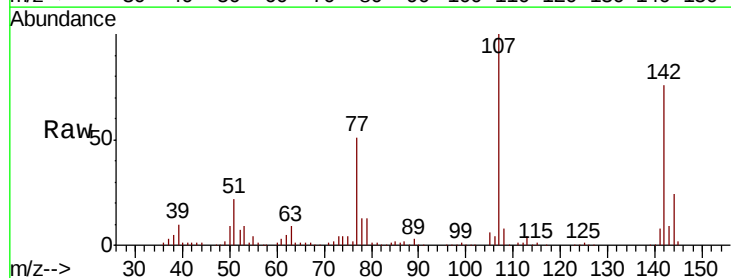
Instrument :
 BNA_F
 ClientSampleId :
 PB114313BS

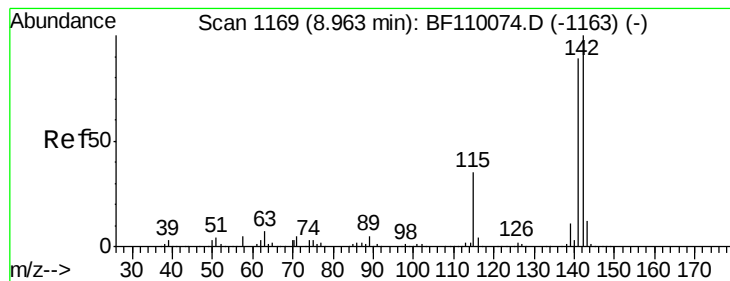
Tgt Ion: 113 Resp: 49556
 Ion Ratio Lower Upper
 113 100
 55 181.4 142.8 182.8
 56 133.1 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 46.212 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF110310.D
 Acq: 30 Oct 2018 18:29

Tgt Ion: 107 Resp: 292124
 Ion Ratio Lower Upper
 107 100
 144 24.1 20.0 30.0
 142 76.3 59.7 89.5





#37

2-Methylnaphthalene

Concen: 49.767 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB114313BS

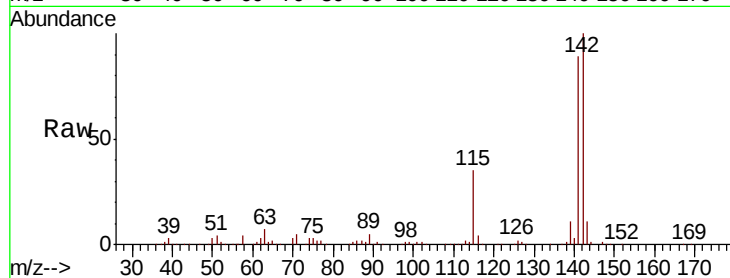
Tgt Ion:142 Resp: 639417

Ion Ratio Lower Upper

142 100

141 89.1 71.4 107.2

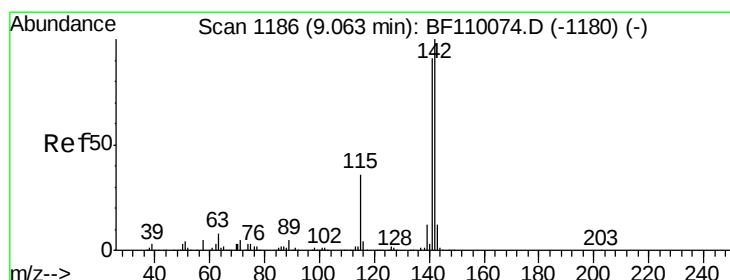
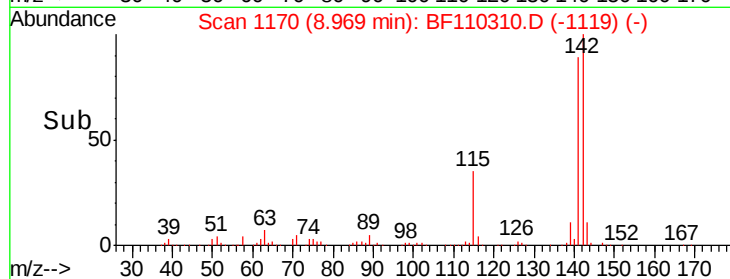
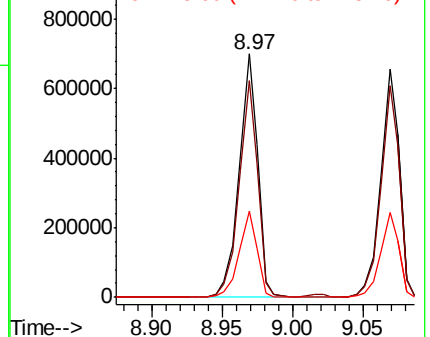
115 35.3 28.7 43.1



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: 48.022 ng

RT: 9.07 min Scan# 1187

Delta R.T. 0.00 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

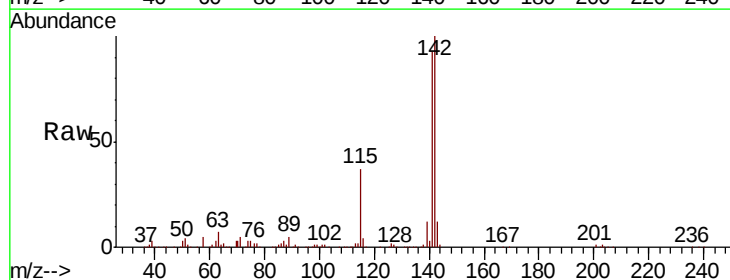
Tgt Ion:142 Resp: 596237

Ion Ratio Lower Upper

142 100

141 92.6 74.2 111.4

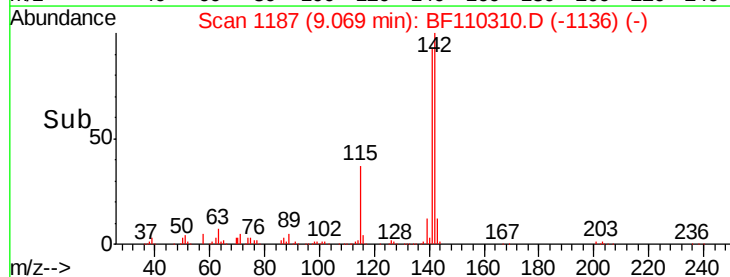
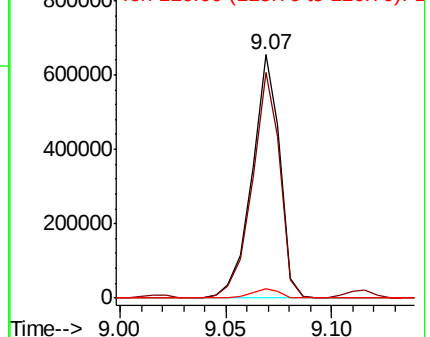
116 4.0 2.6 4.0



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: 10.02 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB114313BS

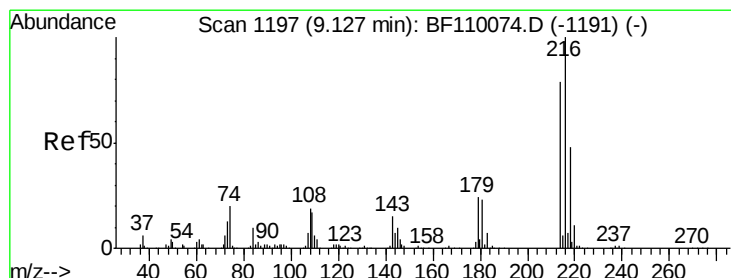
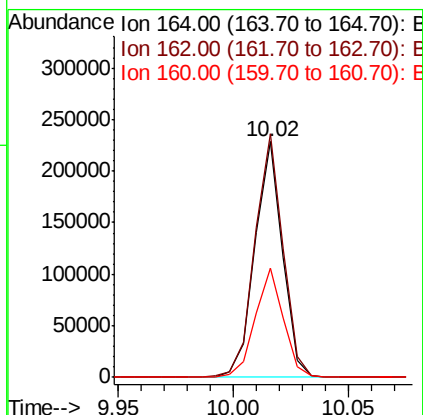
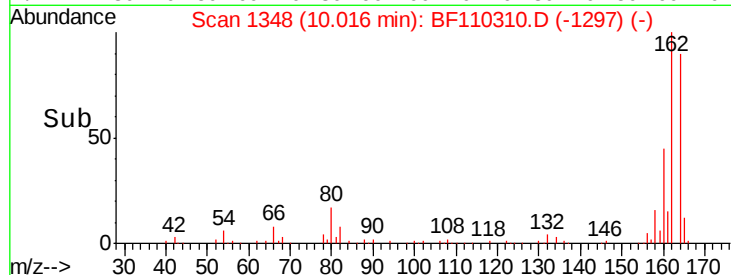
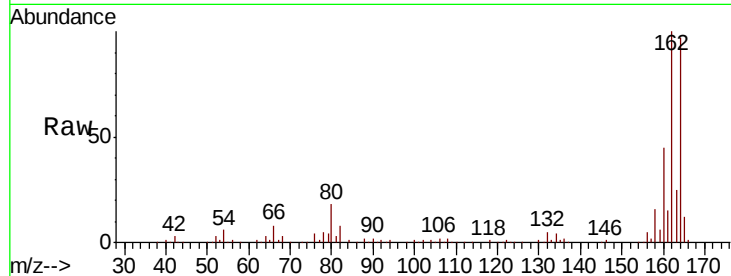
Tgt Ion:164 Resp: 191052

Ion Ratio Lower Upper

164 100

162 103.3 83.0 124.6

160 46.3 37.0 55.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.959 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Tgt Ion:216 Resp: 267629

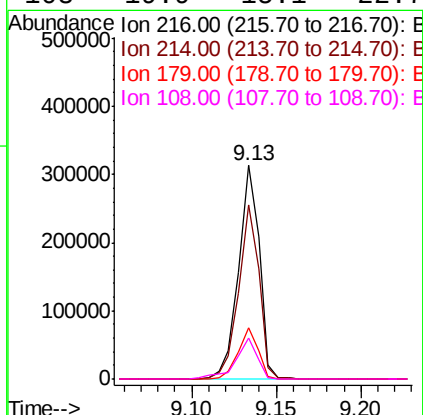
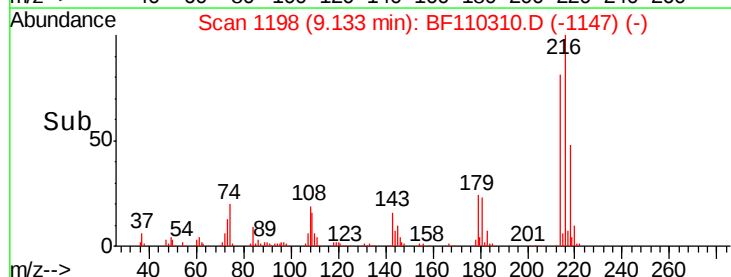
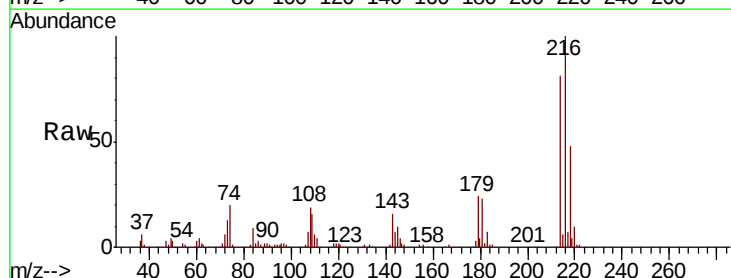
Ion Ratio Lower Upper

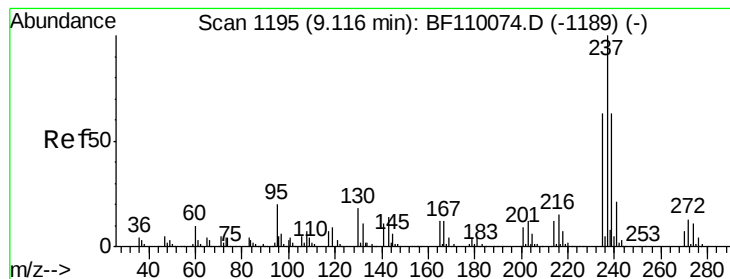
216 100

214 80.1 63.8 95.6

179 23.1 16.6 25.0

108 19.9 15.1 22.7





#41

Hexachlorocyclopentadiene

Concen: 44.382 ng

RT: 9.12 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB114313BS

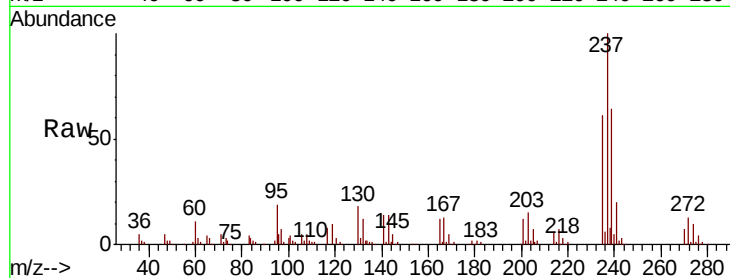
Tgt Ion: 237 Resp: 135093

Ion Ratio Lower Upper

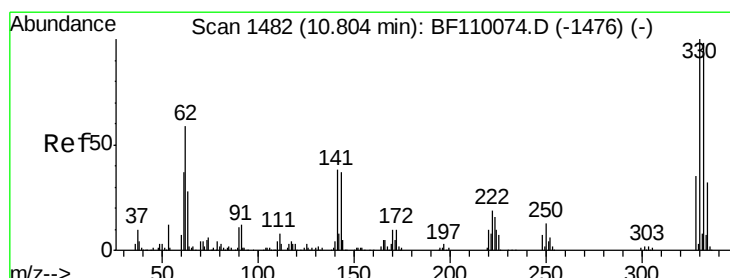
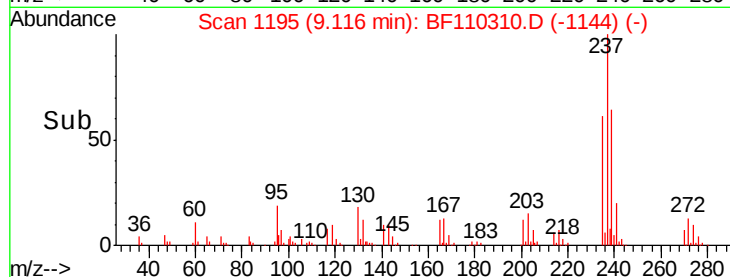
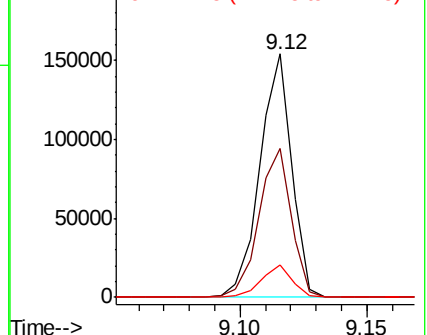
237 100

235 61.1 43.1 83.1

272 13.2 0.0 32.6



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: 84.362 ng

RT: 10.81 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

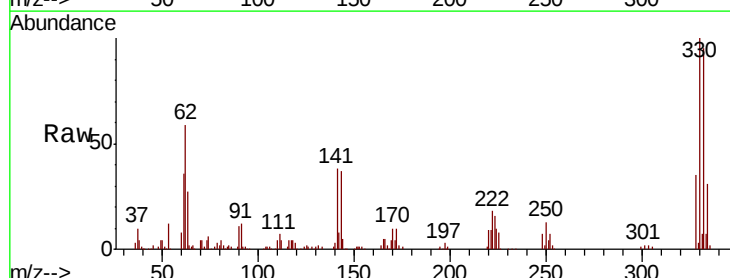
Tgt Ion: 330 Resp: 159654

Ion Ratio Lower Upper

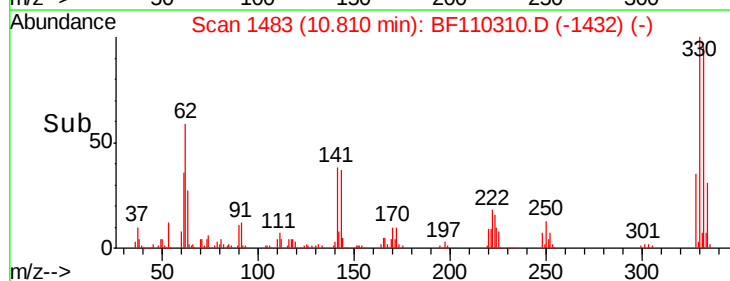
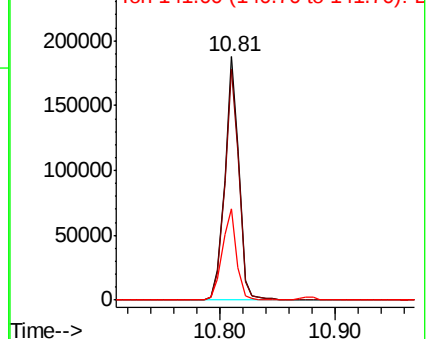
330 100

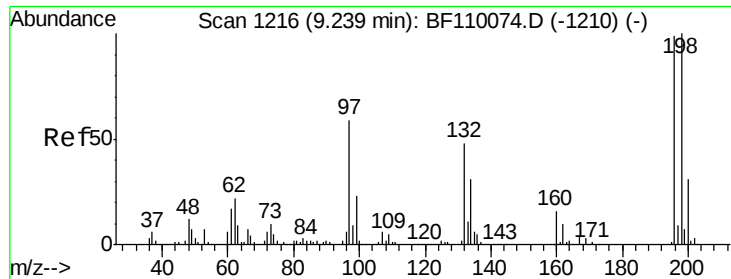
332 95.6 77.1 115.7

141 37.6 27.0 40.4



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

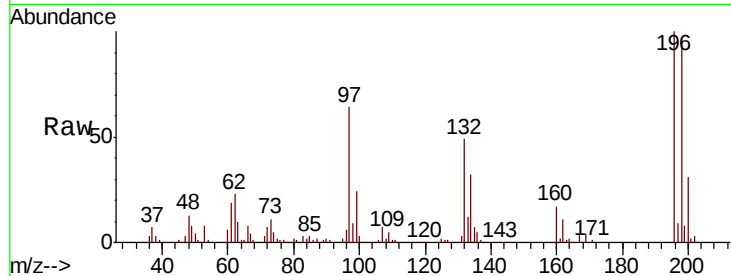




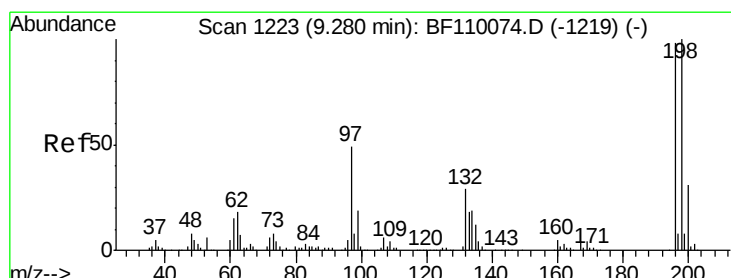
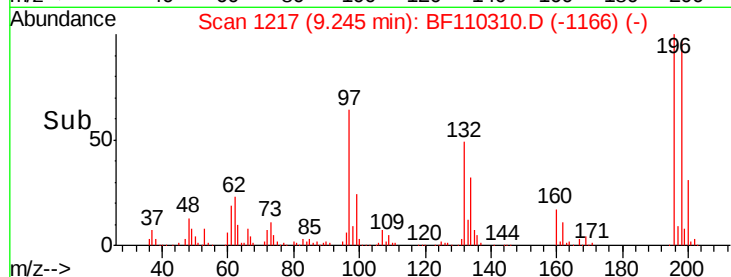
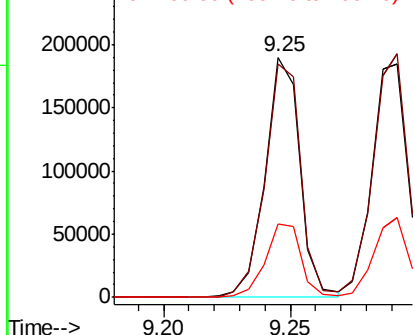
#43
 2,4,6-Trichlorophenol
 Concen: 47.723 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF110310.D
 Acq: 30 Oct 2018 18:29

Instrument :
 BNA_F
 ClientSampleID :
 PB114313BS

Tgt Ion:196 Resp: 183231
 Ion Ratio Lower Upper
 196 100
 198 97.1 76.2 114.4
 200 30.6 24.4 36.6



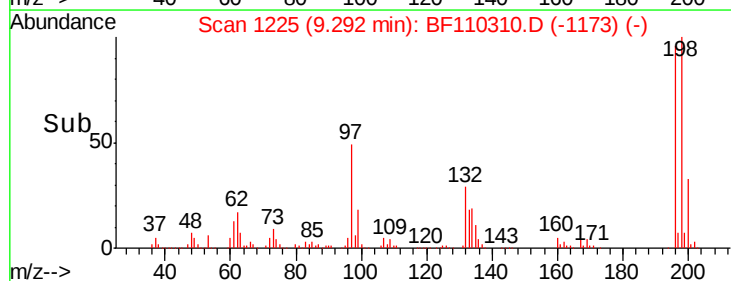
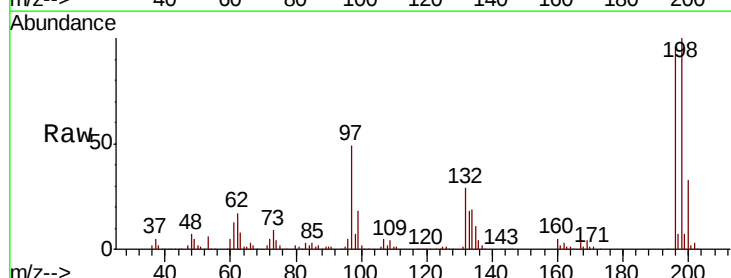
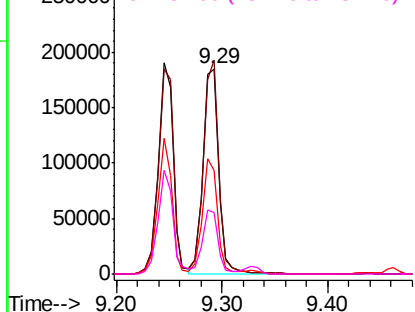
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

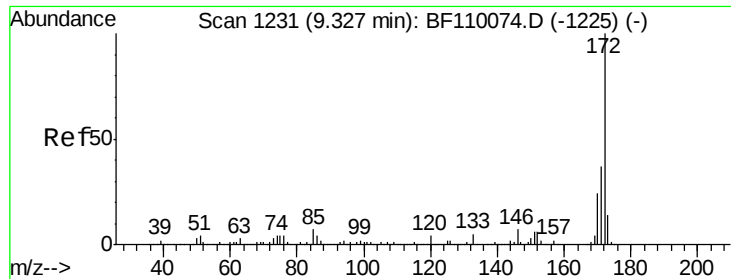


#44
 2,4,5-Trichlorophenol
 Concen: 47.038 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF110310.D
 Acq: 30 Oct 2018 18:29

Tgt Ion:196 Resp: 190901
 Ion Ratio Lower Upper
 196 100
 198 104.0 75.8 113.6
 97 50.5 42.4 63.6
 132 29.9 22.8 34.2

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

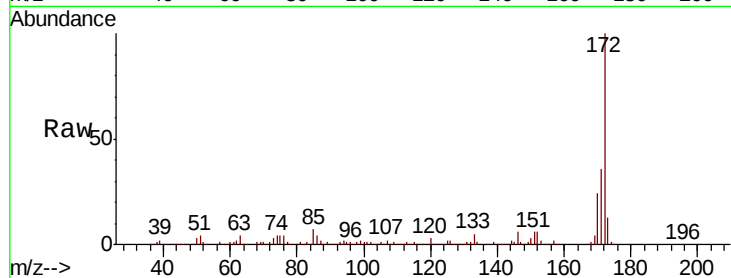




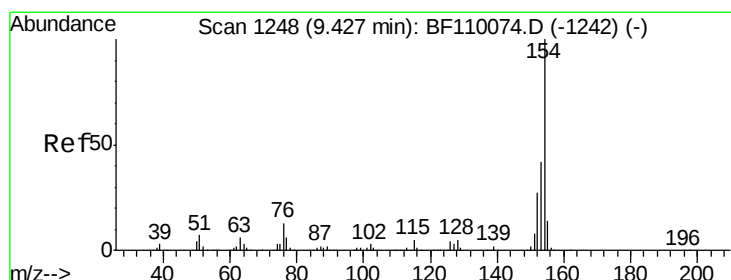
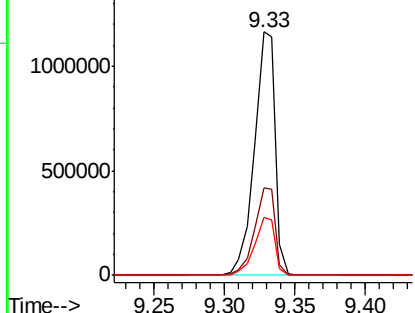
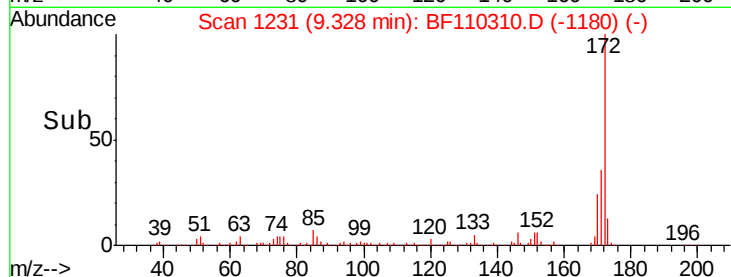
#45
 2-Fluorobiphenyl
 Concen: 99.506 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF110310.D
 Acq: 30 Oct 2018 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB114313BS

Tgt Ion:172 Resp: 1210682
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 23.9 19.7 29.5

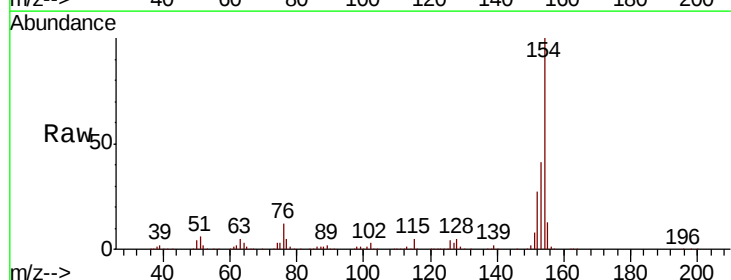


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

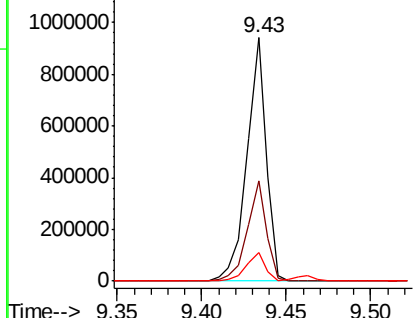
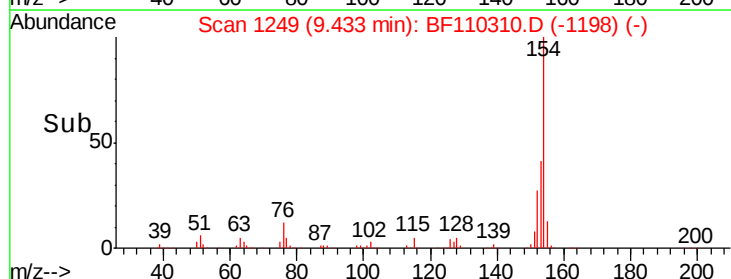


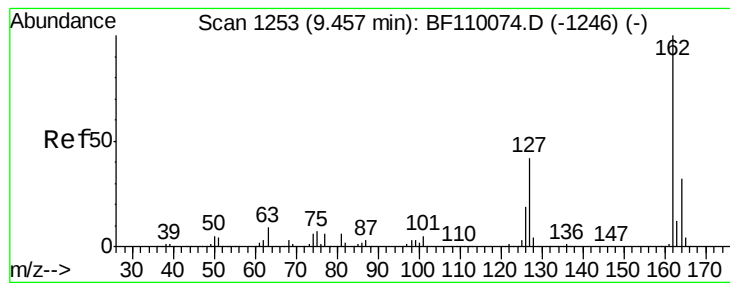
#46
 1,1'-Biphenyl
 Concen: 43.913 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BF110310.D
 Acq: 30 Oct 2018 18:29

Tgt Ion:154 Resp: 758679
 Ion Ratio Lower Upper
 154 100
 153 41.2 20.4 60.4
 76 11.7 0.0 31.9



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: 45.462 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB114313BS

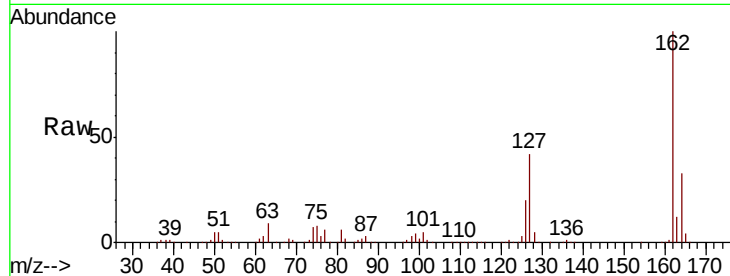
Tgt Ion: 162 Resp: 576137

Ion Ratio Lower Upper

162 100

127 41.5 32.6 48.8

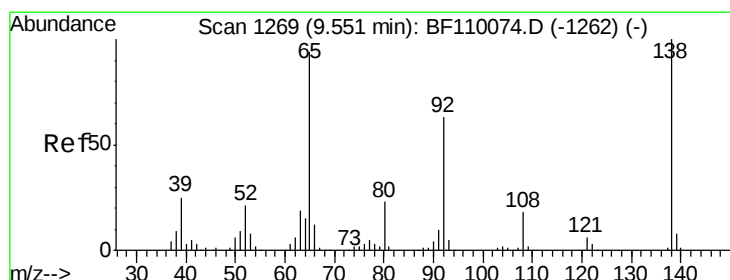
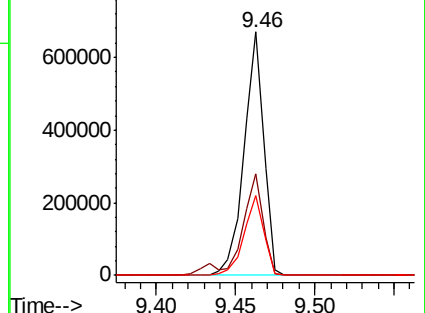
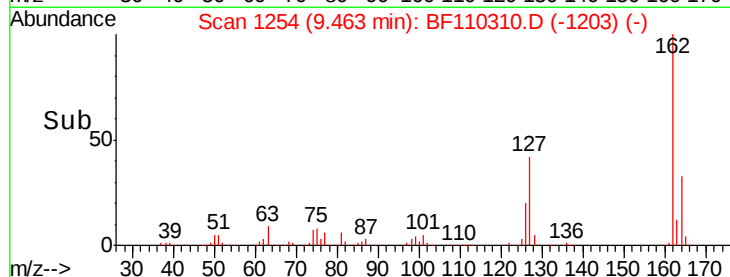
164 32.8 25.9 38.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 45.859 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

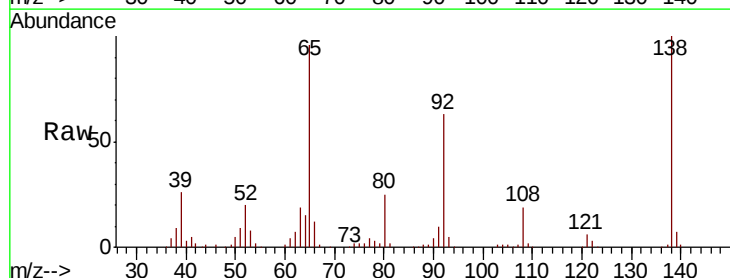
Tgt Ion: 65 Resp: 176115

Ion Ratio Lower Upper

65 100

92 65.8 54.6 81.8

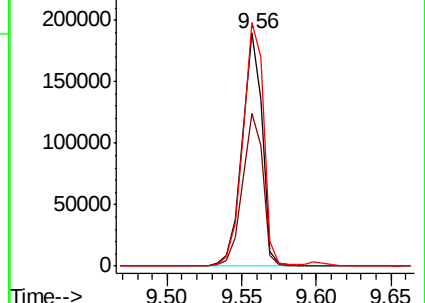
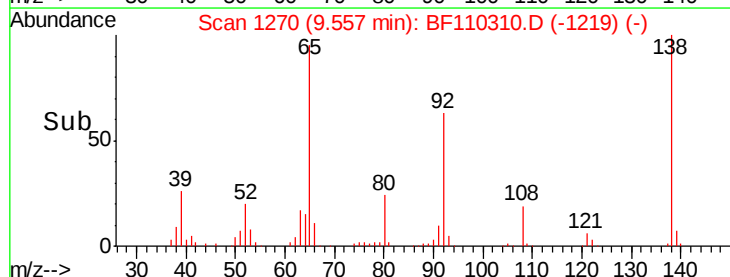
138 104.4 80.3 120.5

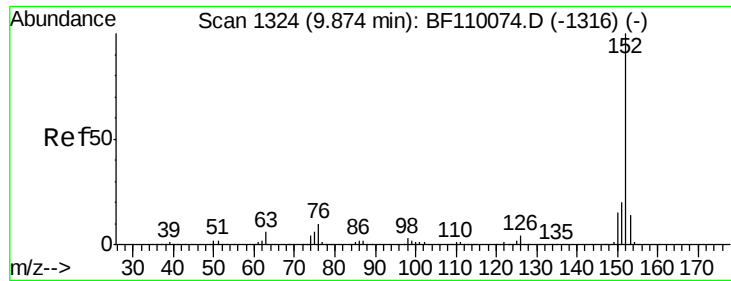


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.522 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB114313BS

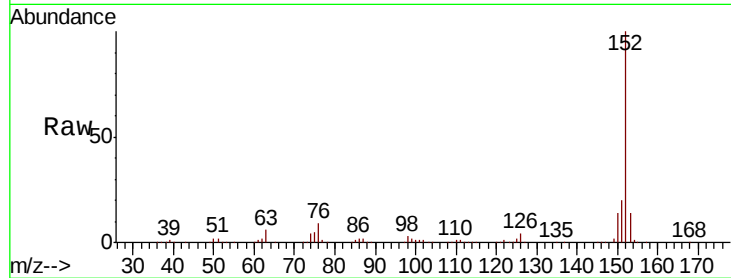
Tgt Ion:152 Resp: 888160

Ion Ratio Lower Upper

152 100

151 20.4 15.8 23.8

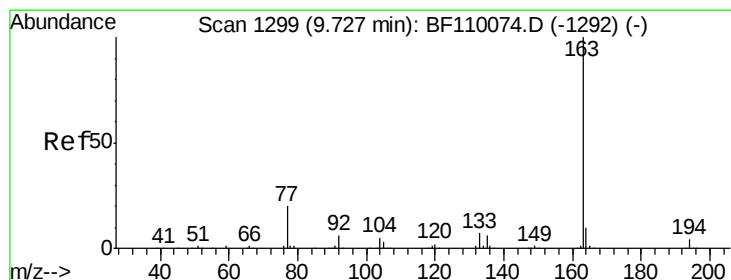
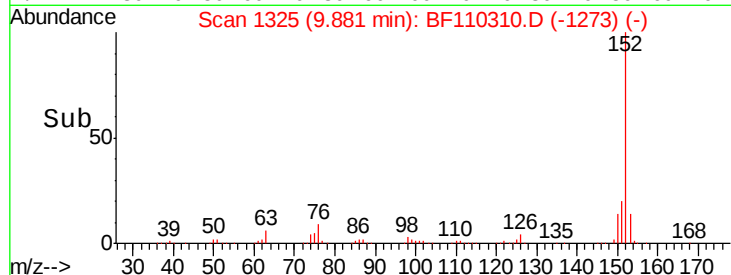
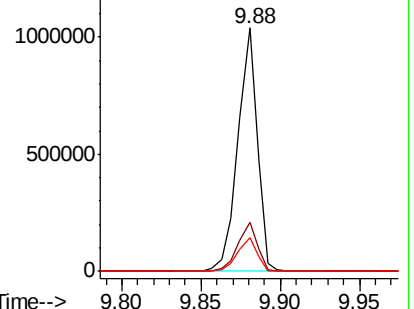
153 13.9 10.4 15.6



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: 48.614 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

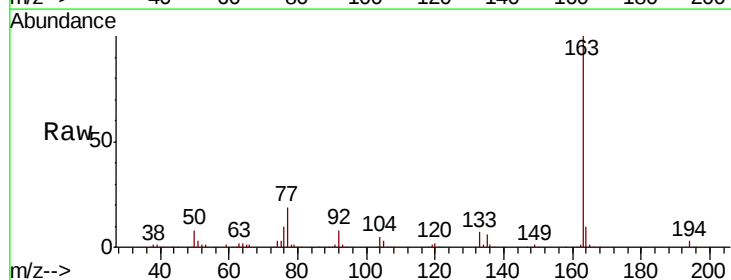
Tgt Ion:163 Resp: 685600

Ion Ratio Lower Upper

163 100

194 3.4 3.2 4.8

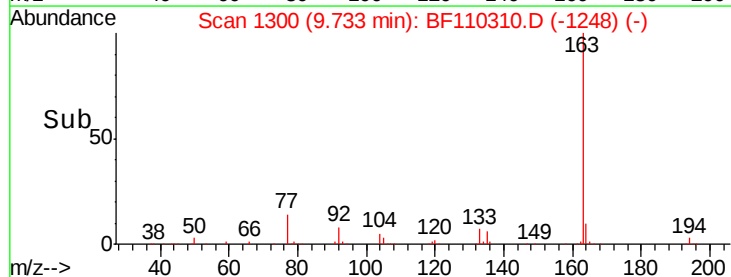
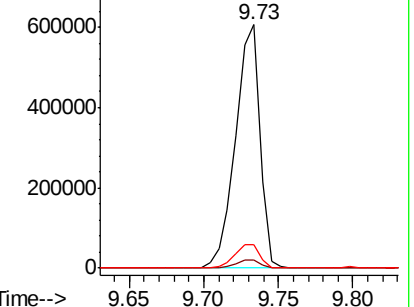
164 9.6 8.1 12.1

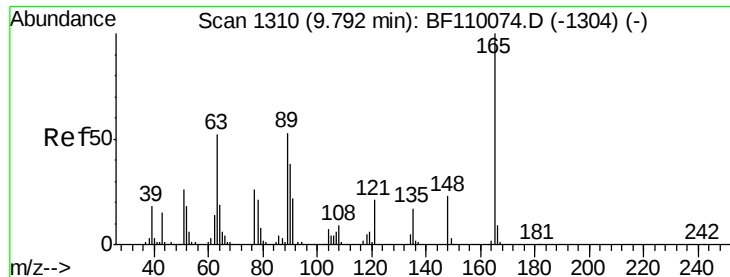


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

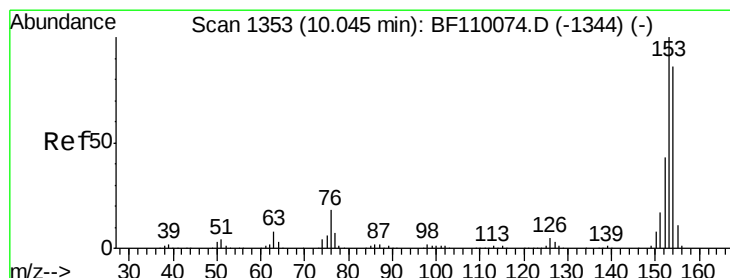
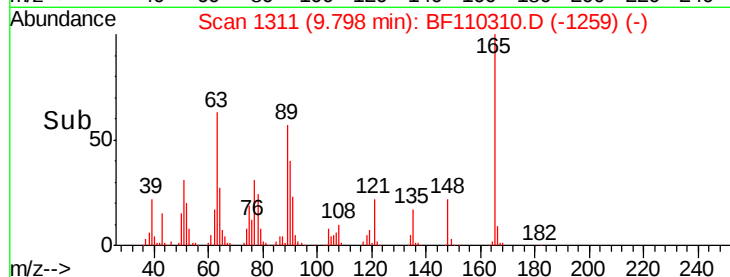
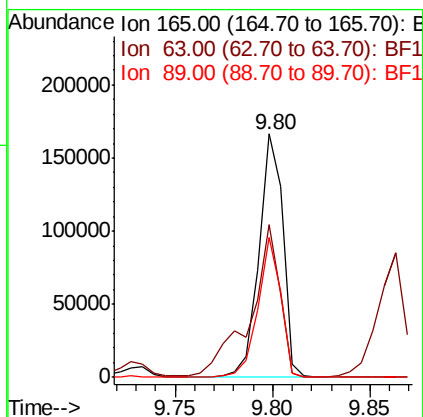
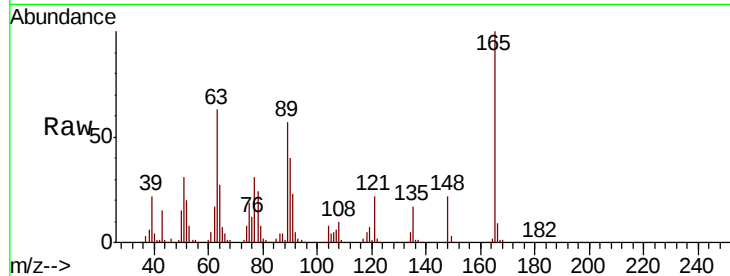




#51
 2,6-Dinitrotoluene
 Concen: 46.577 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.01 min
 Lab File: BF110310.D
 Acq: 30 Oct 2018 18:29

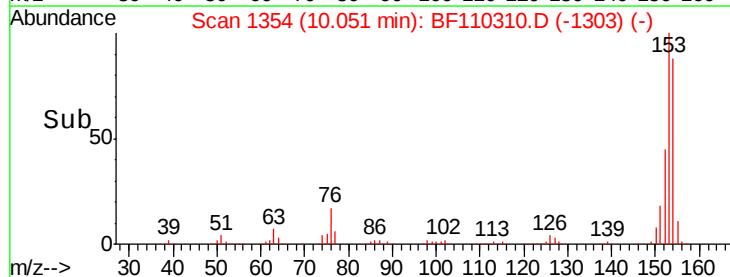
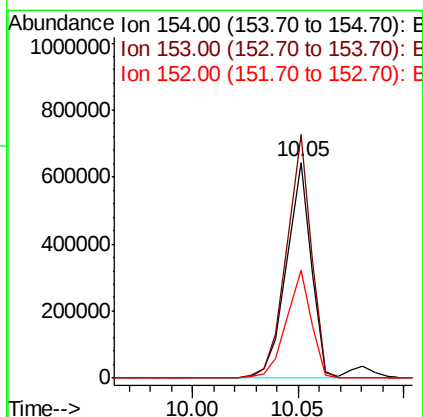
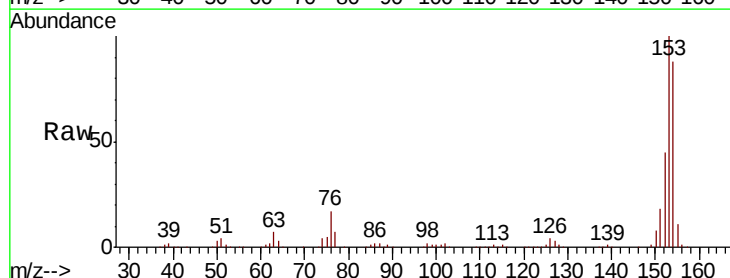
Instrument :
 BNA_F
 ClientSampleId :
 PB114313BS

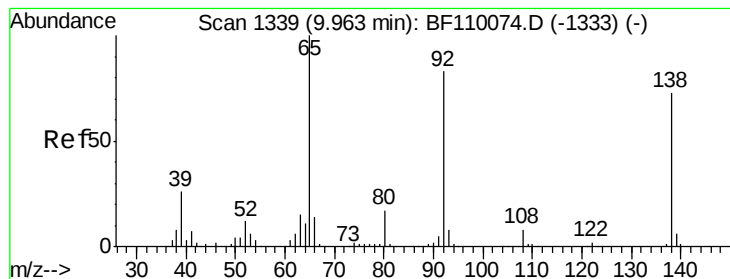
Tgt Ion:165 Resp: 141494
 Ion Ratio Lower Upper
 165 100
 63 62.7 48.9 73.3
 89 57.4 46.6 69.8



#52
 Acenaphthene
 Concen: 43.764 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: BF110310.D
 Acq: 30 Oct 2018 18:29

Tgt Ion:154 Resp: 529951
 Ion Ratio Lower Upper
 154 100
 153 113.0 90.1 135.1
 152 50.3 43.4 65.2





#53

3-Nitroaniline

Concen: 19.481 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB114313BS

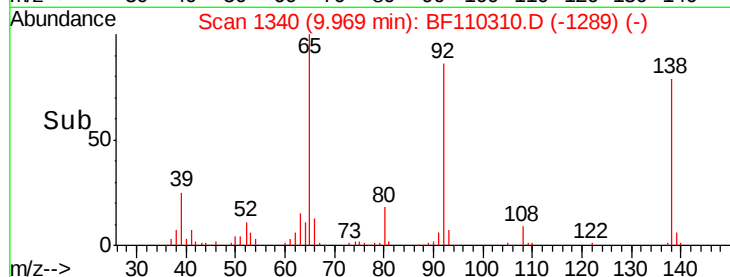
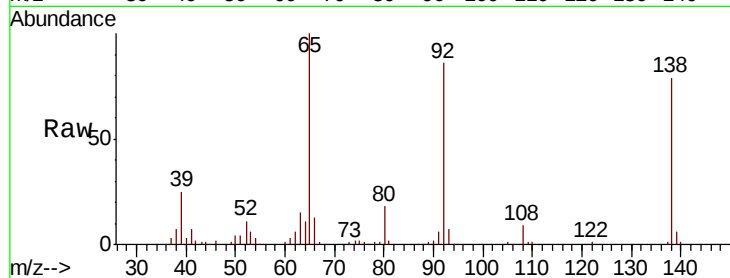
Tgt Ion:138 Resp: 70376

Ion Ratio Lower Upper

138 100

108 11.4 8.7 13.1

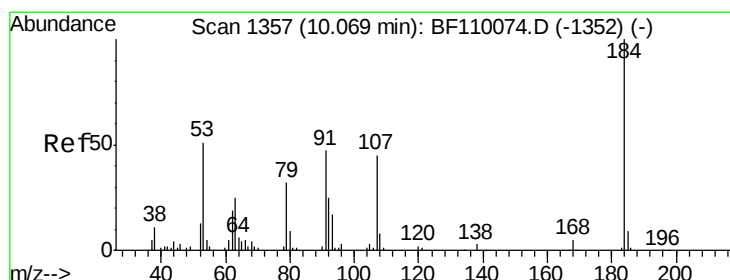
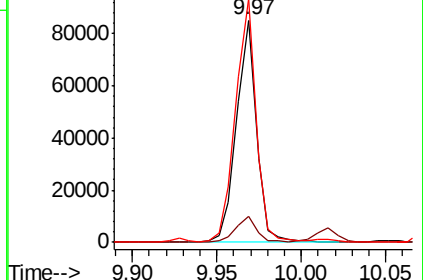
92 109.5 97.0 145.4



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: 42.057 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.01 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

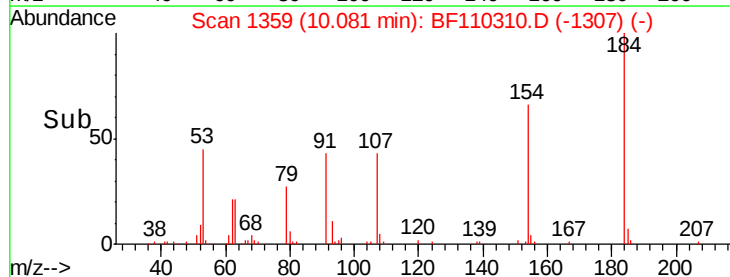
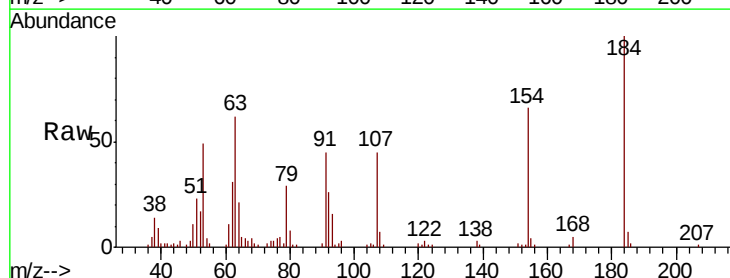
Tgt Ion:184 Resp: 47543

Ion Ratio Lower Upper

184 100

63 62.0 55.8 83.6

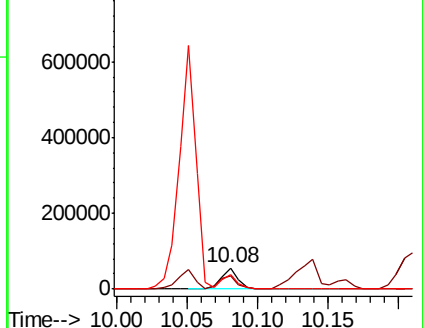
154 65.8 63.2 94.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

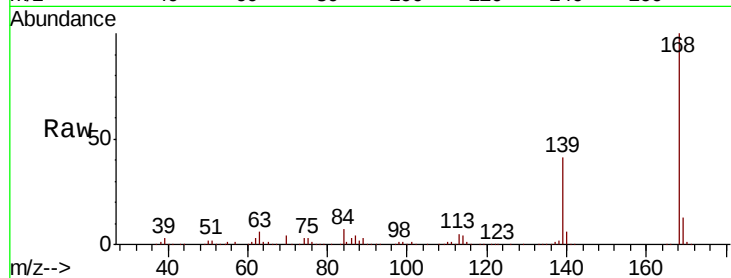




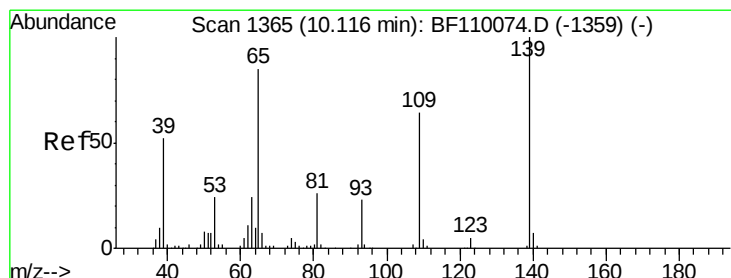
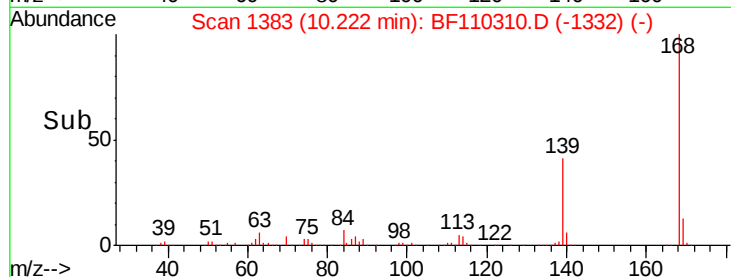
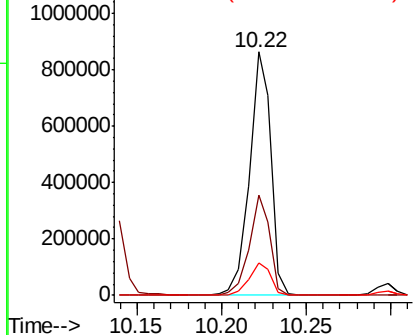
#55
Dibenzenofuran
Concen: 44.998 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB114313BS

Tgt Ion:168 Resp: 762889
Ion Ratio Lower Upper
168 100
139 41.4 33.0 49.6
169 13.5 11.3 16.9

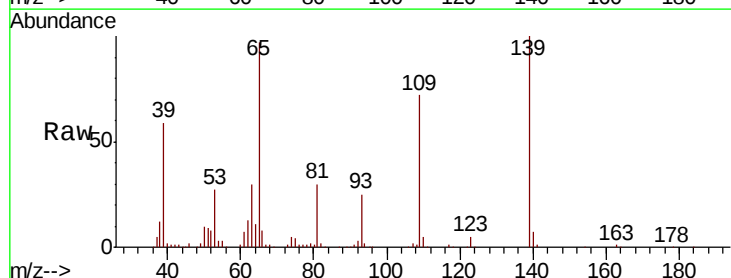


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

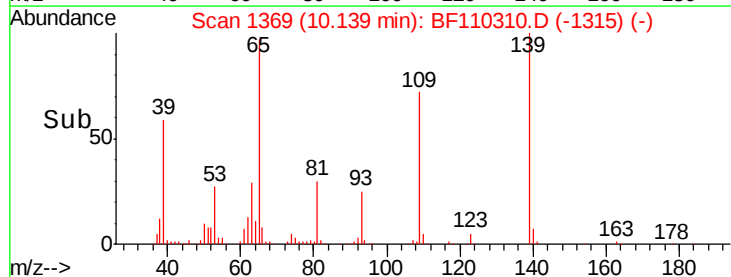
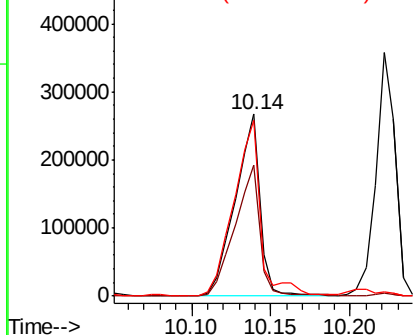


#56
4-Nitrophenol
Concen: 108.868 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.02 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Tgt Ion:139 Resp: 291084
Ion Ratio Lower Upper
139 100
109 71.9 55.8 95.8
65 96.9 77.9 117.9



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





#57

2,4-Dinitrotoluene

Concen: 46.932 ng

RT: 10.21 min Scan# 1381

Delta R.T. 0.01 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB114313BS

Tgt Ion:165 Resp: 181091

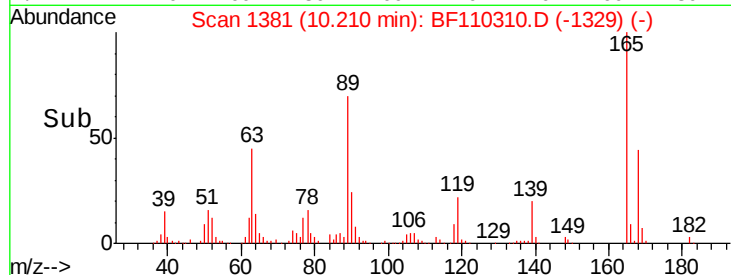
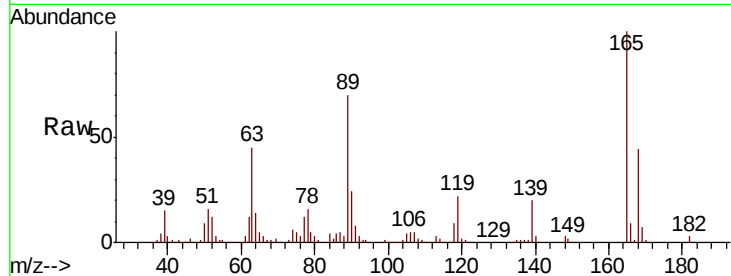
Ion Ratio Lower Upper

165 100

63 44.9 44.8 67.2

89 70.1 62.2 93.4

182 2.7 2.1 3.1

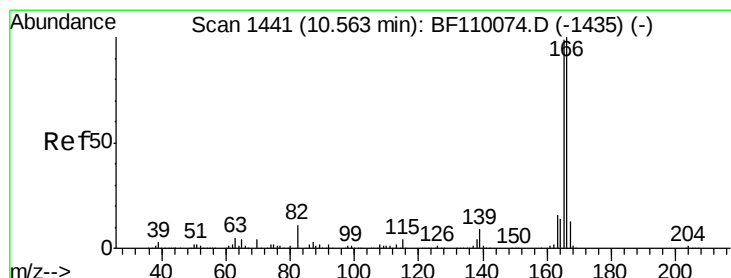
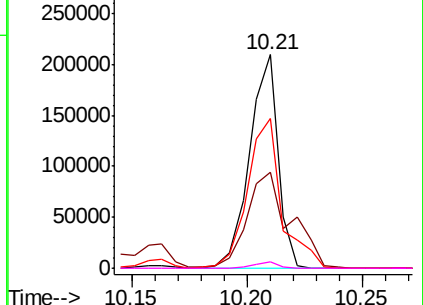


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 47.673 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

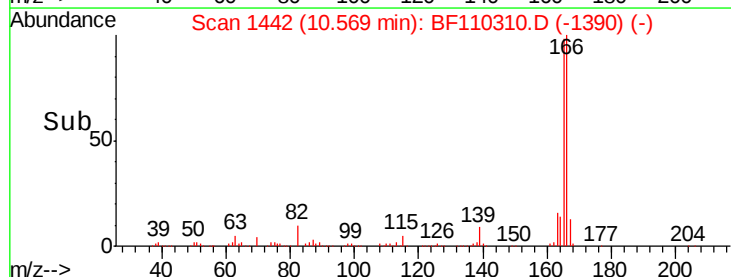
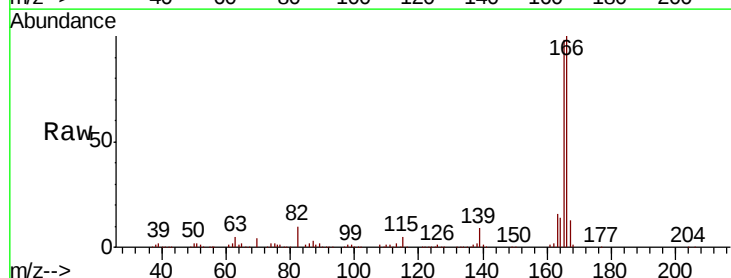
Tgt Ion:166 Resp: 601531

Ion Ratio Lower Upper

166 100

165 97.5 78.6 117.8

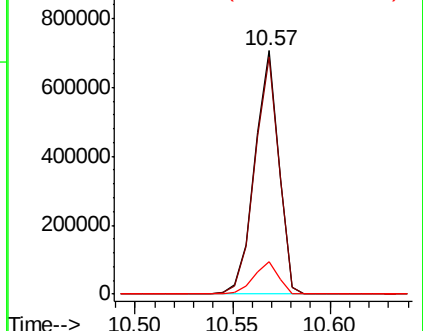
167 13.3 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

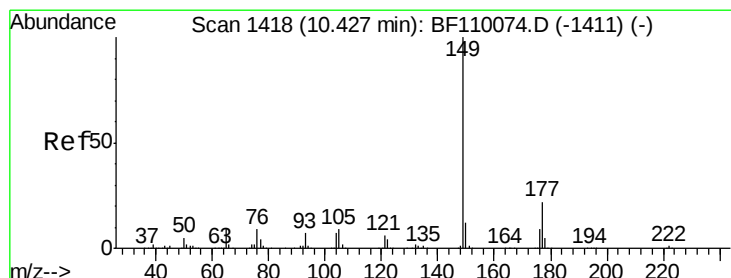
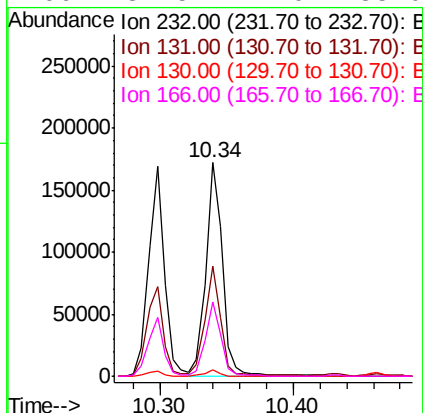
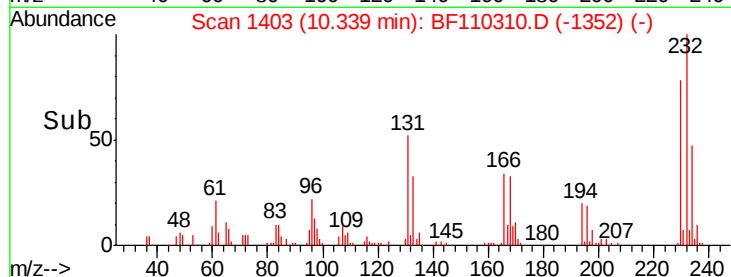
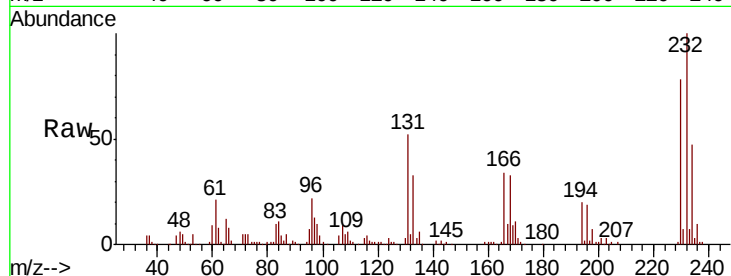




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.966 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.00 min
 Lab File: BF110310.D
 Acq: 30 Oct 2018 18:29

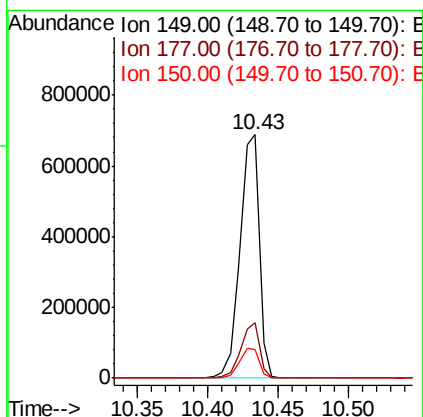
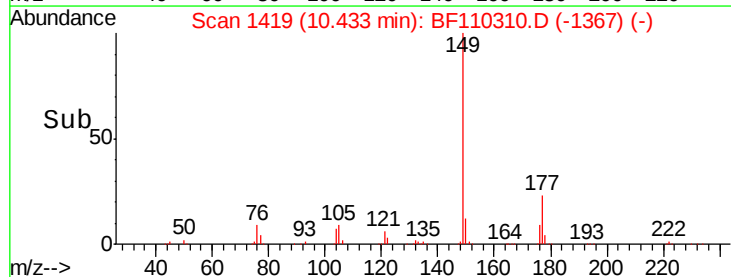
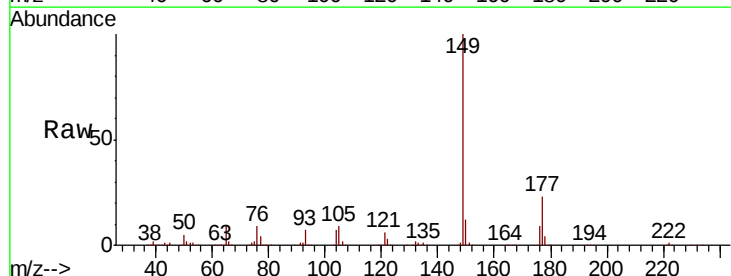
Instrument :
 BNA_F
 ClientSampleId :
 PB114313BS

Tgt Ion: 232 Resp: 148749
 Ion Ratio Lower Upper
 232 100
 131 48.7 37.0 55.4
 130 2.6 1.8 2.6
 166 32.5 22.0 33.0



#60
 Diethylphthalate
 Concen: 47.664 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.01 min
 Lab File: BF110310.D
 Acq: 30 Oct 2018 18:29

Tgt Ion: 149 Resp: 656186
 Ion Ratio Lower Upper
 149 100
 177 22.6 17.4 26.2
 150 12.0 9.8 14.8

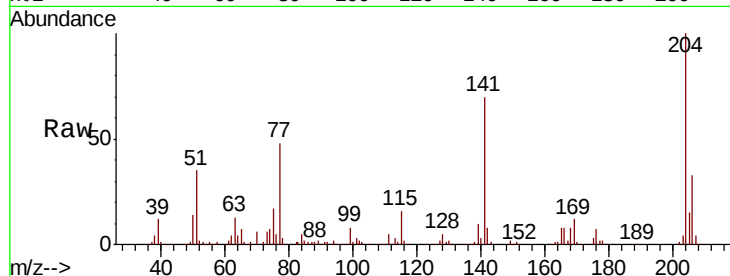




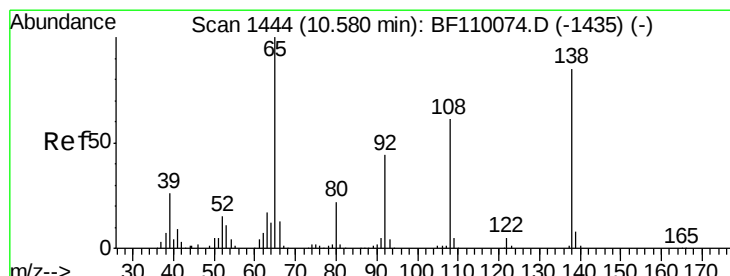
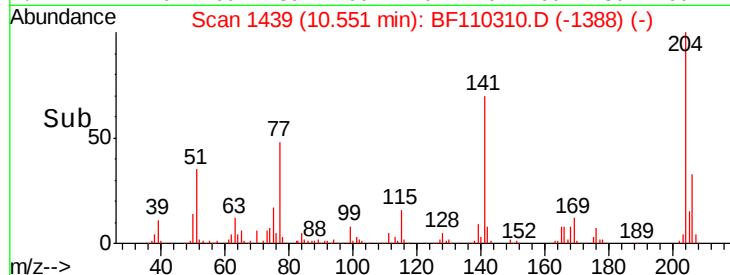
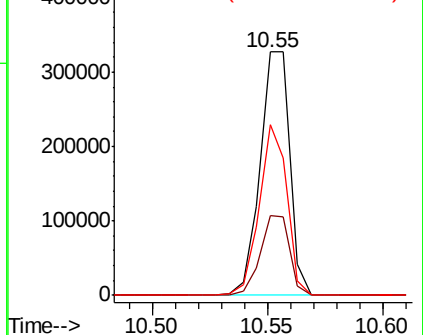
#61
4-Chlorophenyl-phenylether
Concen: 44.323 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB114313BS

Tgt Ion: 204 Resp: 295026
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 70.1 51.8 77.8

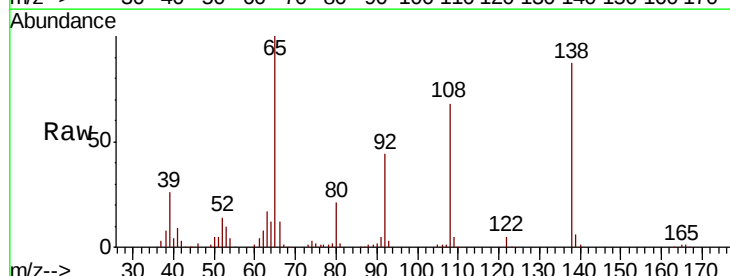


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

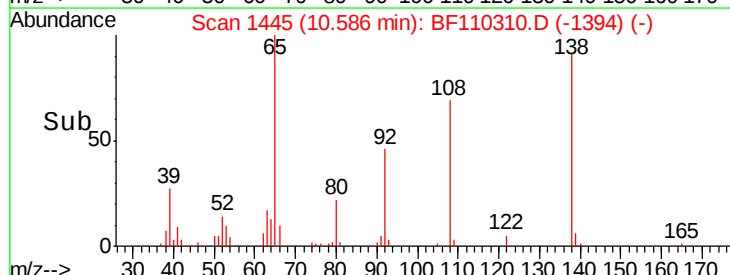
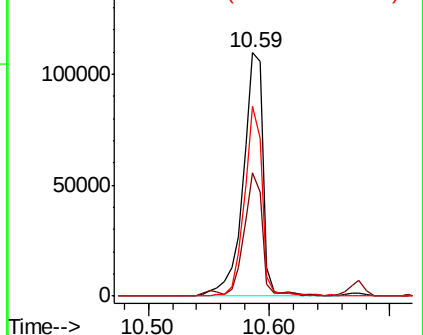


#62
4-Nitroaniline
Concen: 35.096 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Tgt Ion: 138 Resp: 126103
Ion Ratio Lower Upper
138 100
92 50.4 31.7 71.7
108 77.9 59.3 99.3



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: 44.634 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB114313BS

Tgt Ion: 77 Resp: 609931

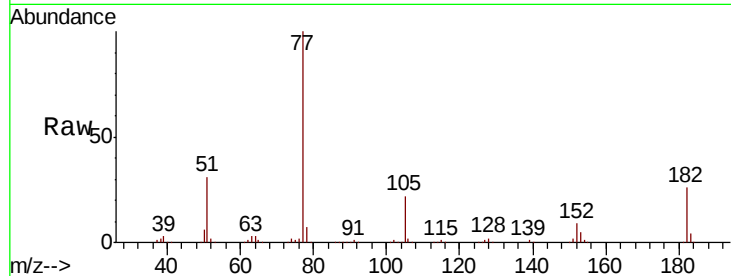
Ion Ratio Lower Upper

77 100

182 25.8 4.3 44.3

105 22.5 1.3 41.3

51 30.9 9.0 49.0

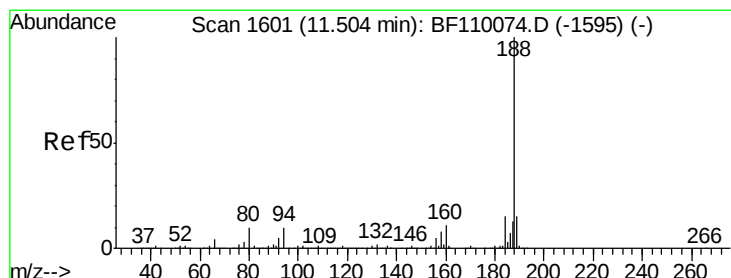
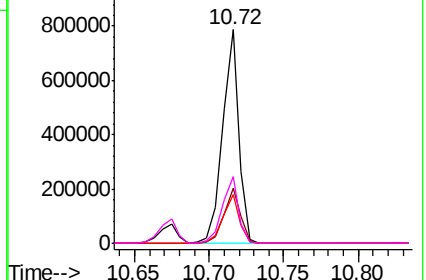
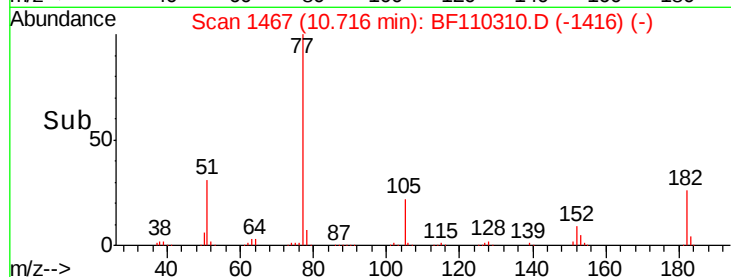


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.51 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

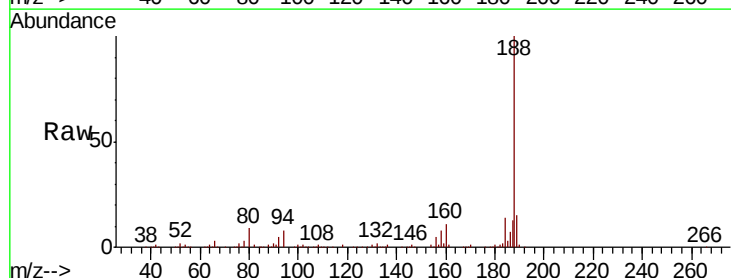
Tgt Ion: 188 Resp: 310880

Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

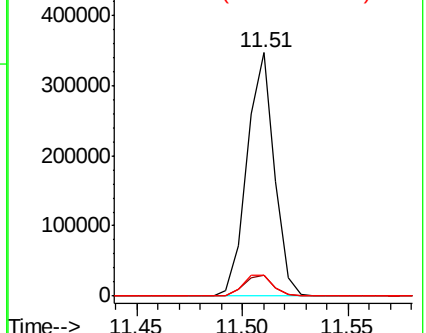
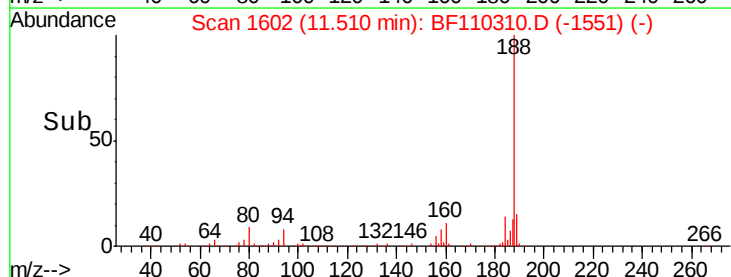
80 8.8 7.9 11.9

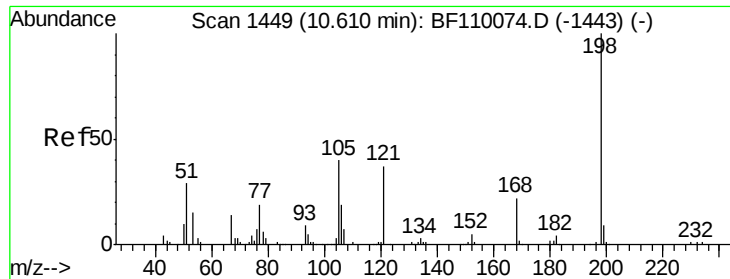


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

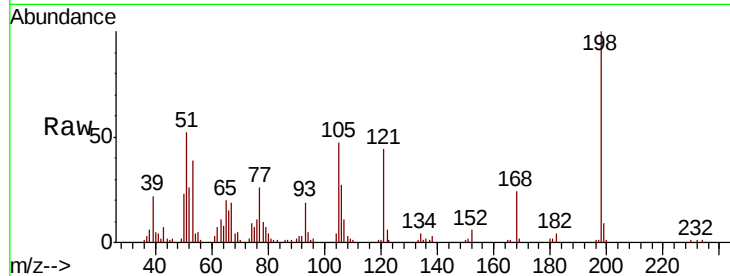




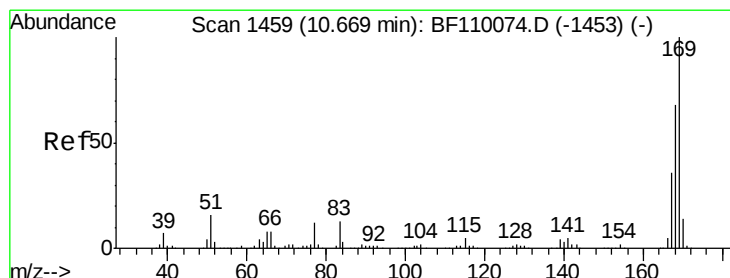
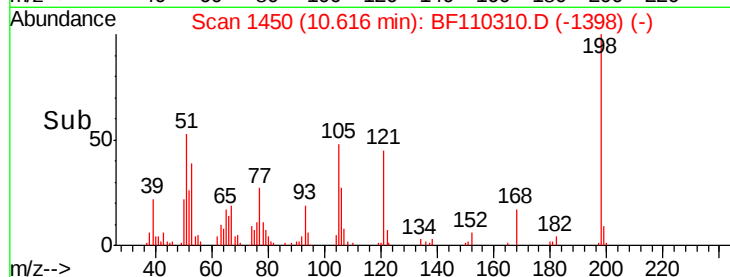
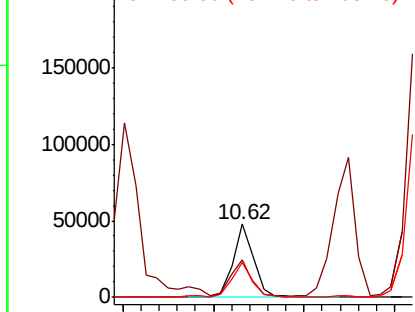
#65
4,6-Dinitro-2-methylphenol
Concen: 26.875 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB114313BS

Tgt Ion:198 Resp: 38171
Ion Ratio Lower Upper
198 100
51 51.7 22.8 62.8
105 47.4 23.6 63.6

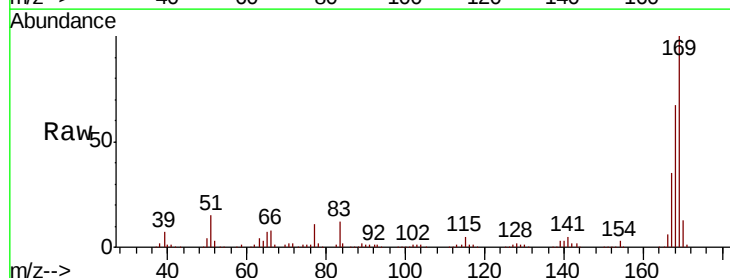


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

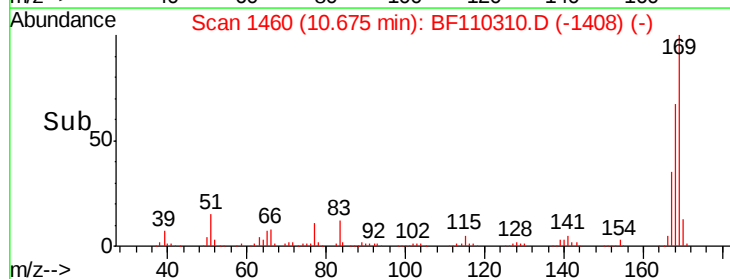
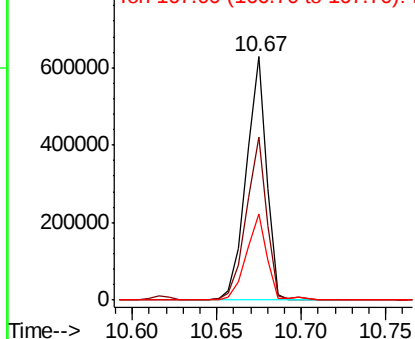


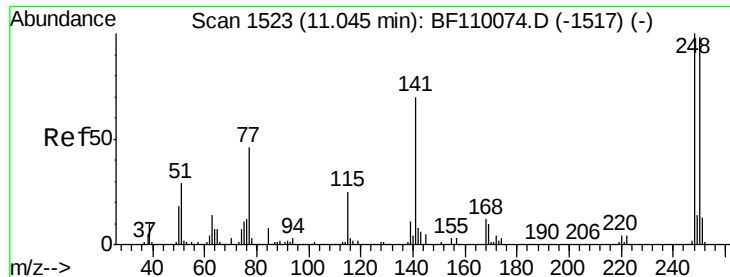
#66
n-Nitrosodiphenylamine
Concen: 51.935 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.01 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Tgt Ion:169 Resp: 529577
Ion Ratio Lower Upper
169 100
168 67.0 51.2 76.8
167 35.5 27.8 41.6



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

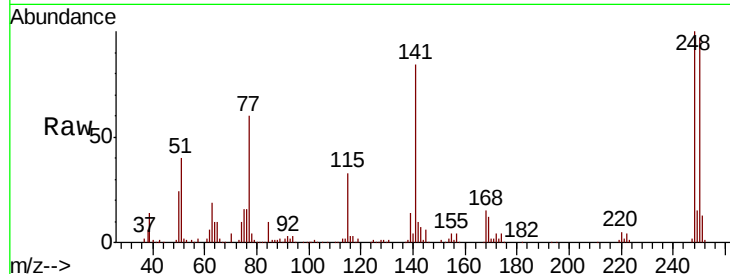




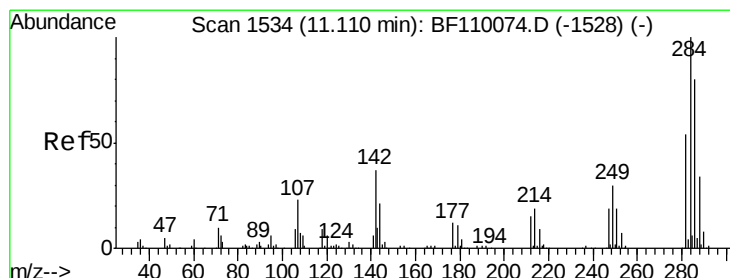
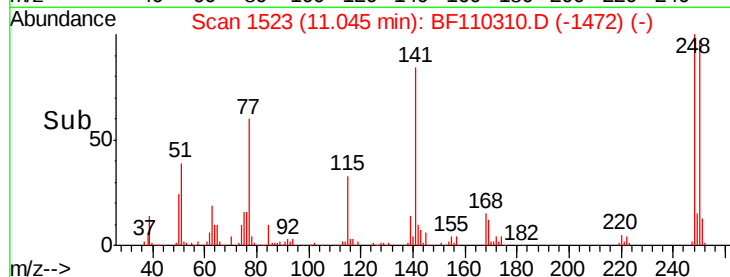
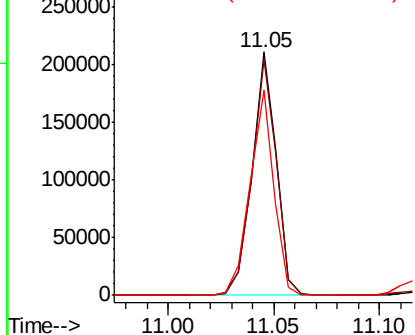
#67
 4-Bromophenyl-phenylether
 Concen: 49.804 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.00 min
 Lab File: BF110310.D
 Acq: 30 Oct 2018 18:29

Instrument :
 BNA_F
 ClientSampled :
 PB114313BS

Tgt Ion:248 Resp: 167945
 Ion Ratio Lower Upper
 248 100
 250 97.1 79.4 119.2
 141 84.0 55.9 83.9#

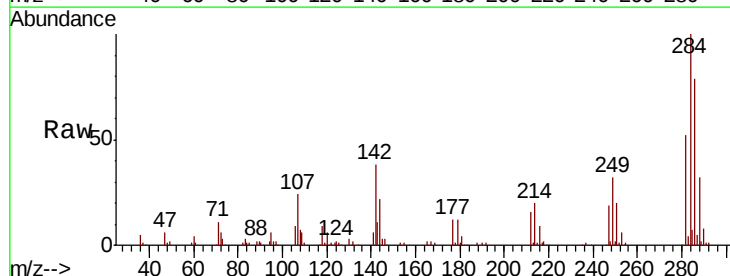


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

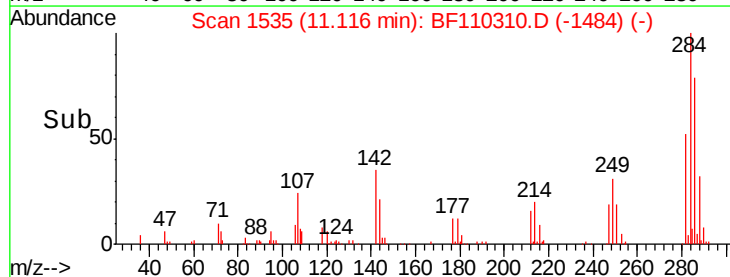
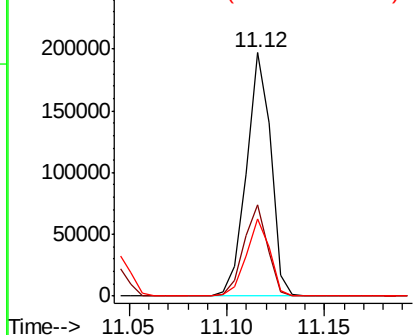


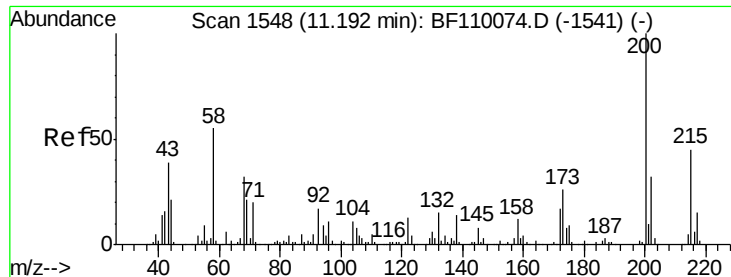
#68
 Hexachlorobenzene
 Concen: 47.512 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: BF110310.D
 Acq: 30 Oct 2018 18:29

Tgt Ion:284 Resp: 169995
 Ion Ratio Lower Upper
 284 100
 142 37.6 23.9 35.9#
 249 31.7 24.2 36.2



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

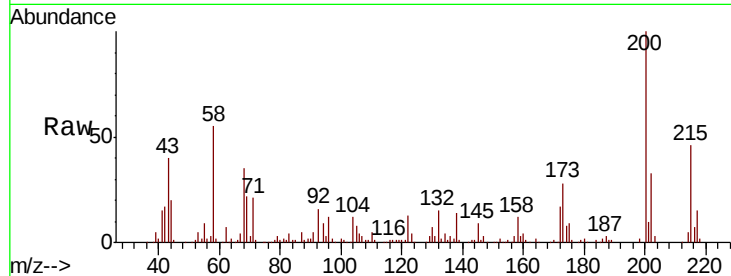




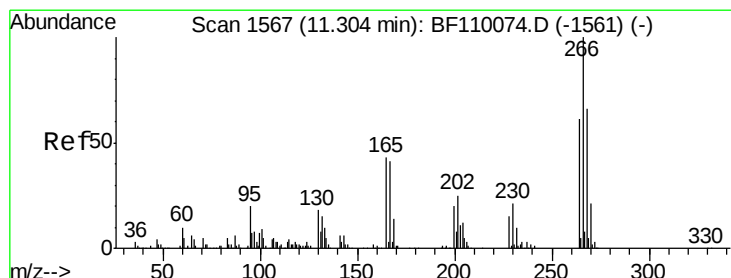
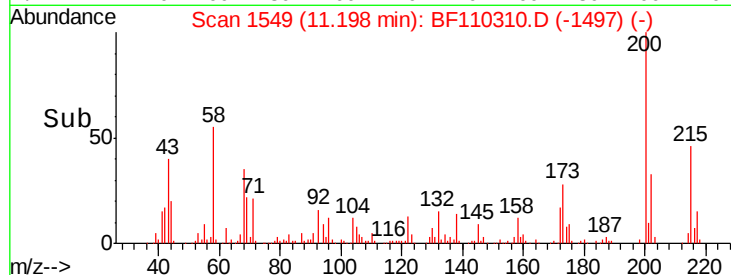
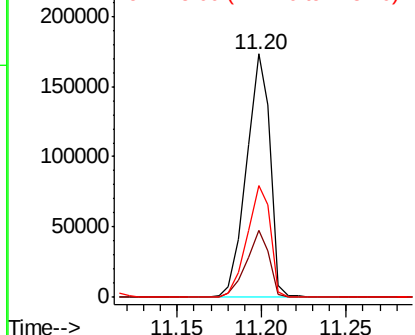
#69
 Atrazine
 Concen: 52.761 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. 0.01 min
 Lab File: BF110310.D
 Acq: 30 Oct 2018 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB114313BS

Tgt Ion:200 Resp: 170019
 Ion Ratio Lower Upper
 200 100
 173 27.6 6.6 46.6
 215 45.9 26.3 66.3

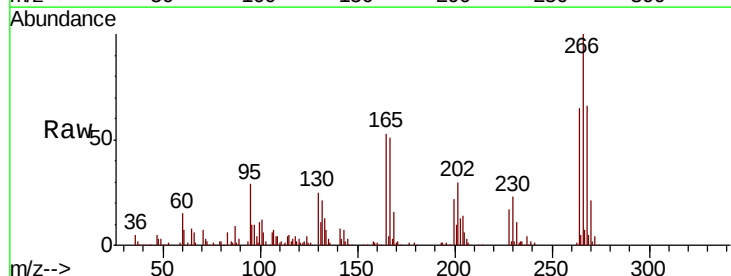


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

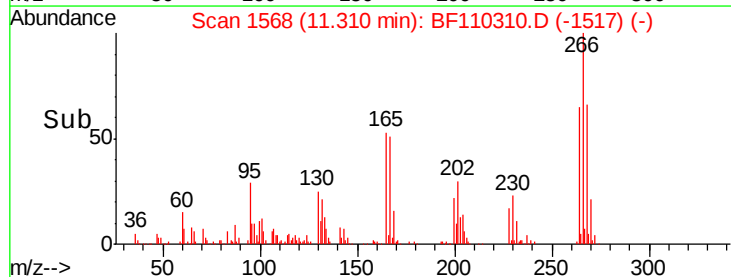
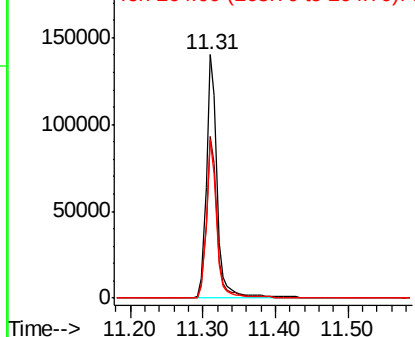


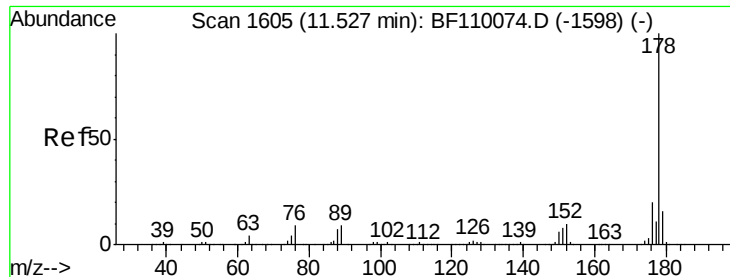
#70
 Pentachlorophenol
 Concen: 69.751 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF110310.D
 Acq: 30 Oct 2018 18:29

Tgt Ion:266 Resp: 145523
 Ion Ratio Lower Upper
 266 100
 268 66.4 50.6 75.8
 264 64.9 50.6 75.8



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

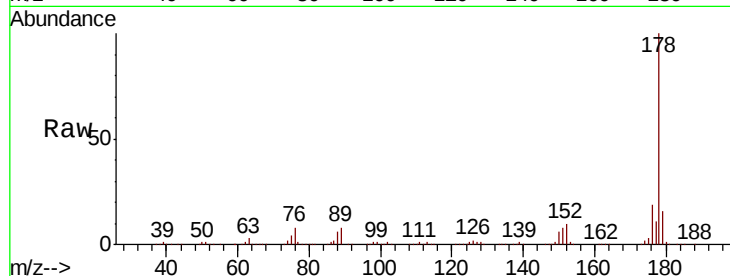




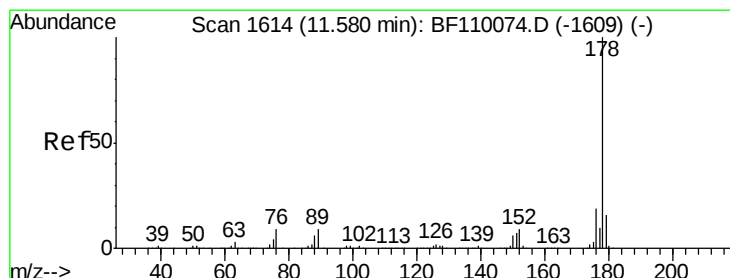
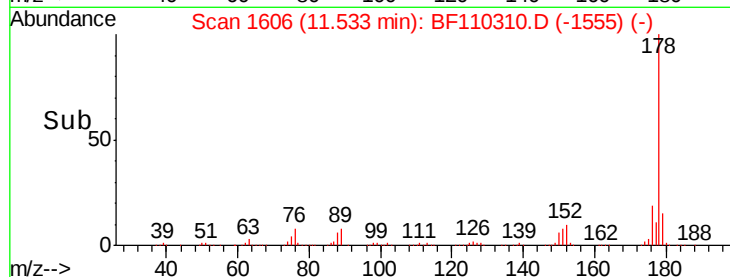
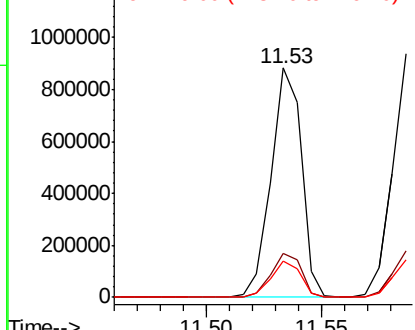
#71
Phenanthrene
Concen: 49.717 ng
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB114313BS

Tgt Ion:178 Resp: 808738
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.8 12.5 18.7

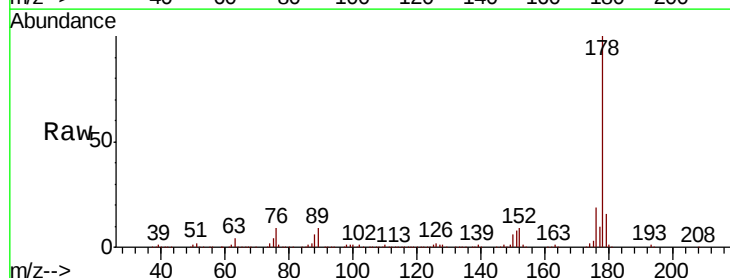


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

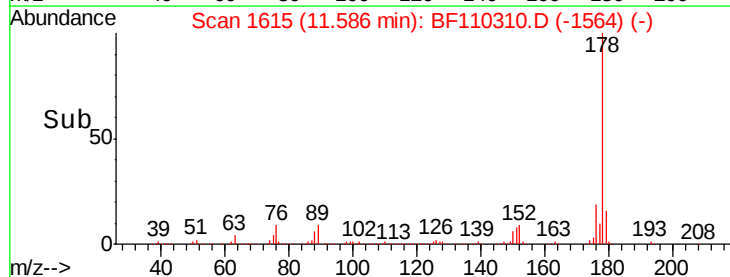
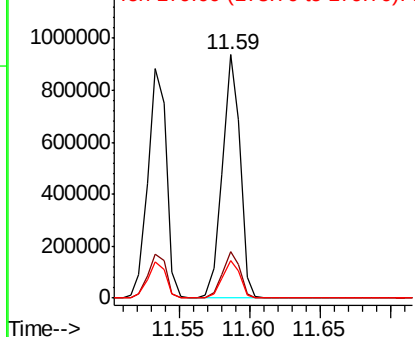


#72
Anthracene
Concen: 50.297 ng
RT: 11.59 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Tgt Ion:178 Resp: 820072
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.7 12.6 18.8



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

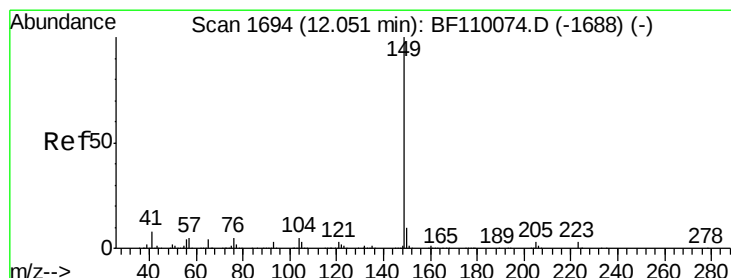
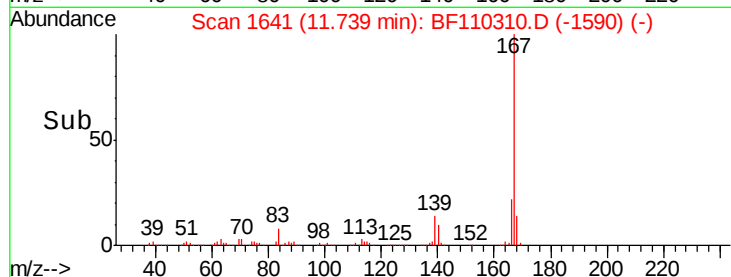
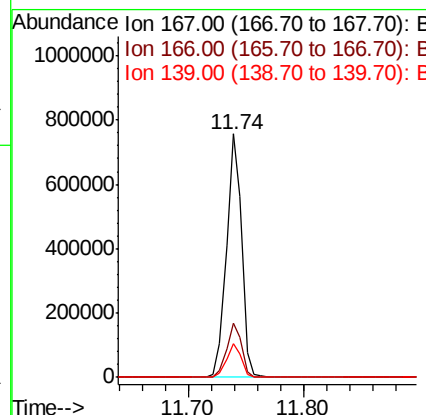
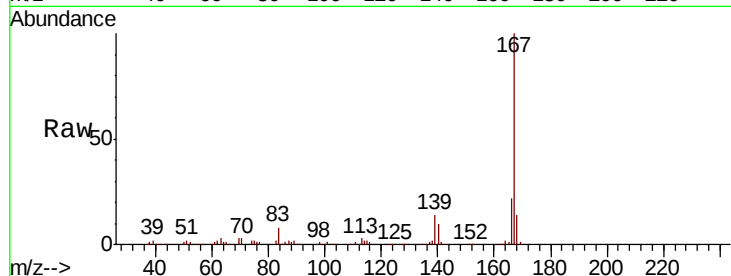




#73
 Carbazole
 Concen: 43.247 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. 0.00 min
 Lab File: BF110310.D
 Acq: 30 Oct 2018 18:29

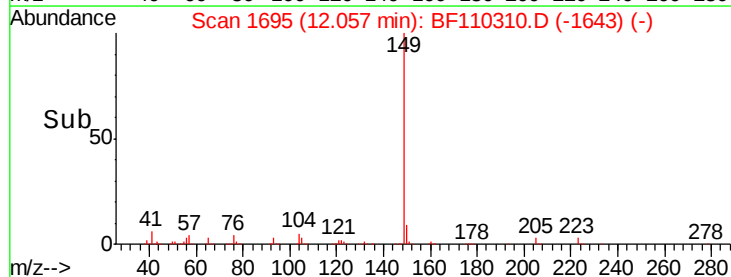
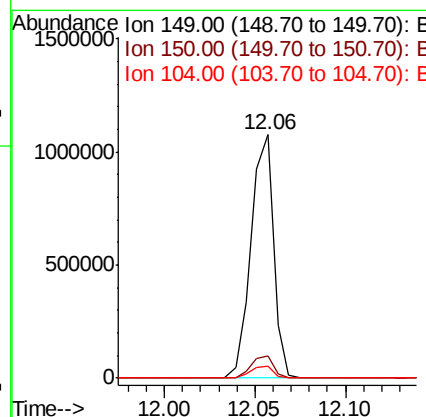
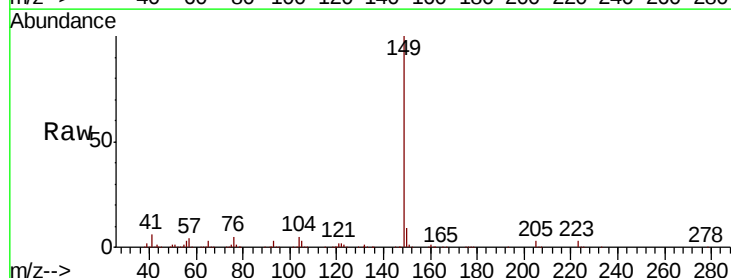
Instrument :
 BNA_F
 ClientSampleId :
 PB114313BS

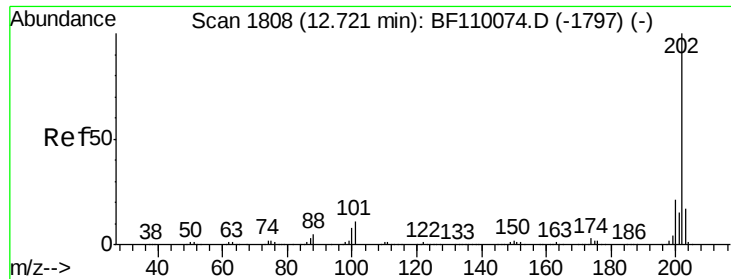
Tgt Ion:167 Resp: 688481
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 13.7 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 51.785 ng
 RT: 12.06 min Scan# 1695
 Delta R.T. 0.01 min
 Lab File: BF110310.D
 Acq: 30 Oct 2018 18:29

Tgt Ion:149 Resp: 931080
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 4.8 4.2 6.4

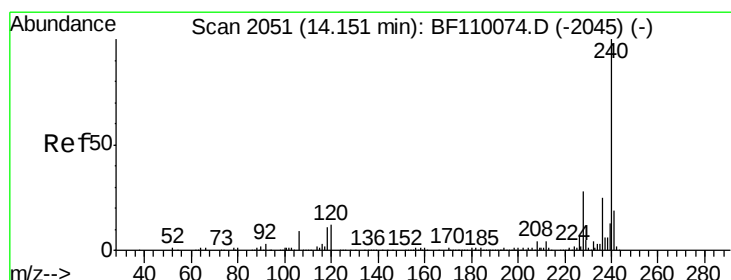
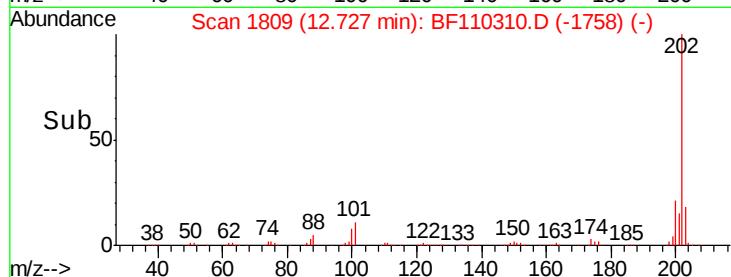
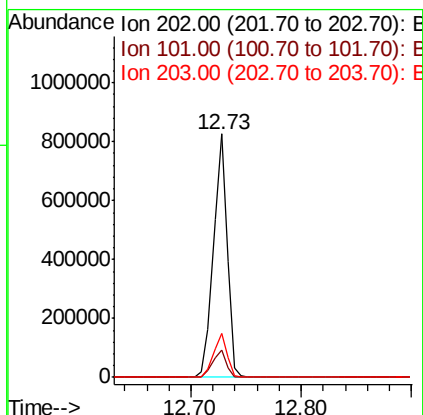
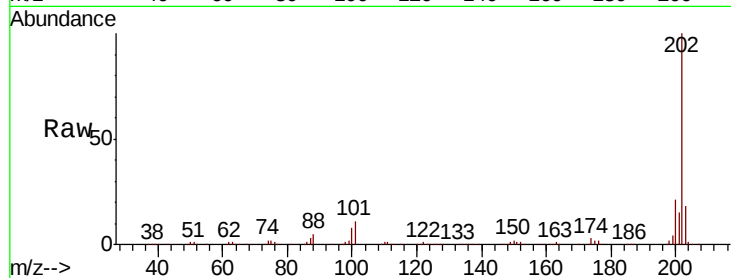




#75
Fluoranthene
Concen: 42.455 ng
RT: 12.73 min Scan# 1809
Delta R.T. 0.00 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

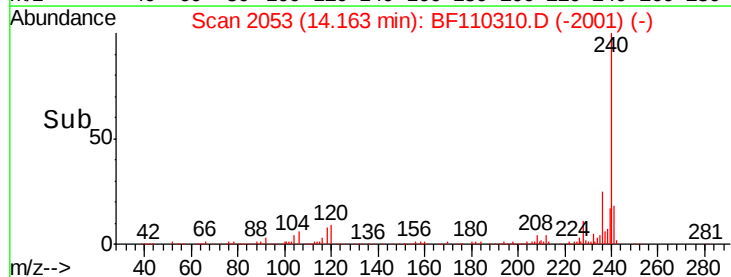
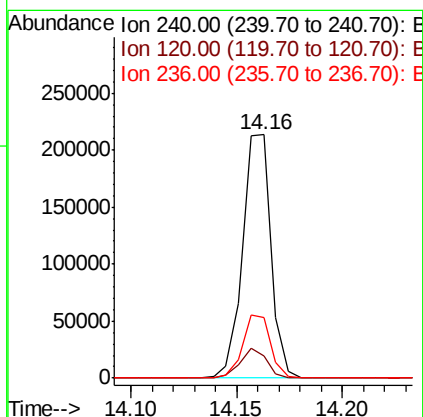
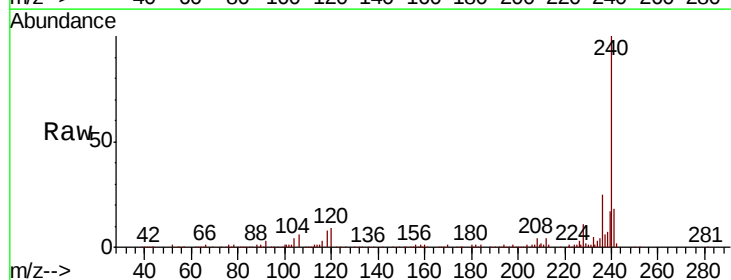
Instrument :
BNA_F
ClientSampleId :
PB114313BS

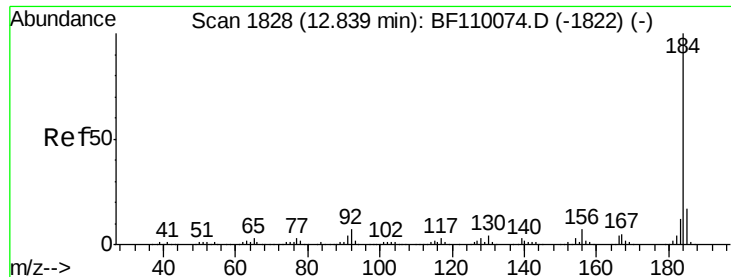
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.4
203	17.9	0.0	37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.01 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.3	12.5
236	24.7	21.2	31.8

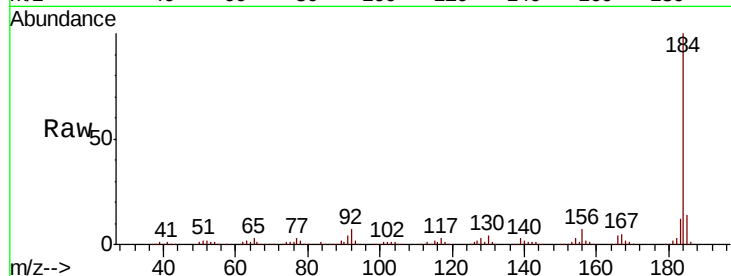




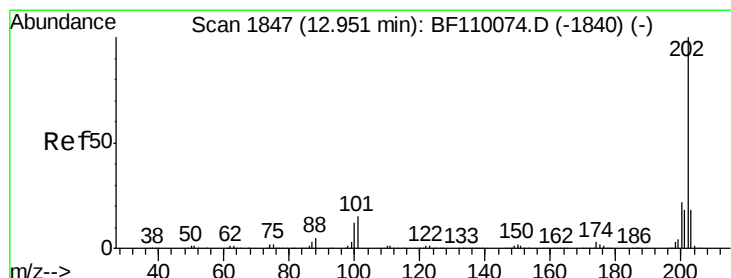
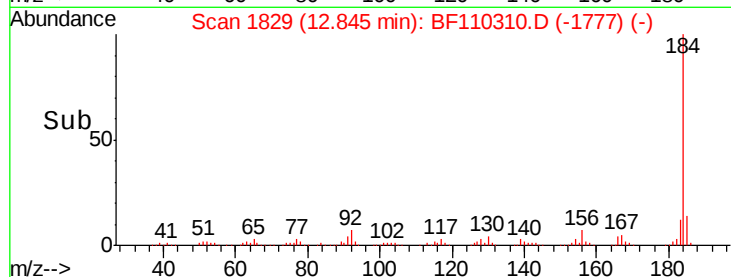
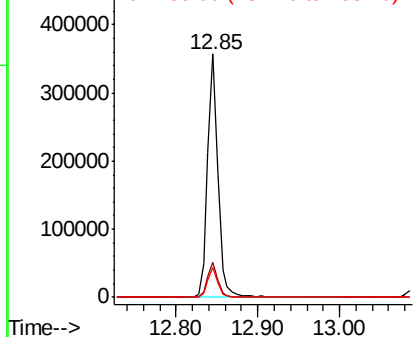
#77
Benzidine
Concen: Below Cal
RT: 12.85 min Scan# 1829
Delta R.T. 0.01 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB114313BS

Tgt Ion:184 Resp: 318013
Ion Ratio Lower Upper
184 100
185 14.2 13.4 20.2
183 12.1 9.4 14.2

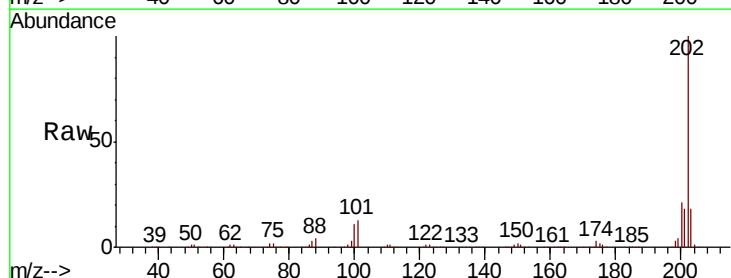


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

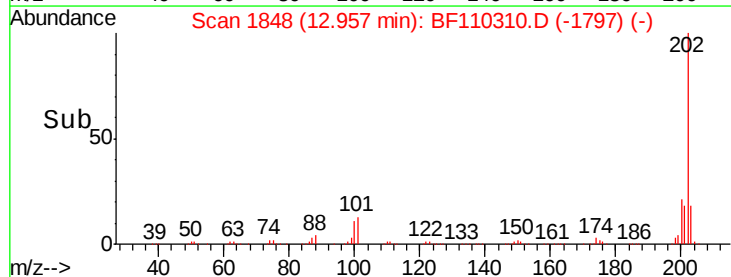
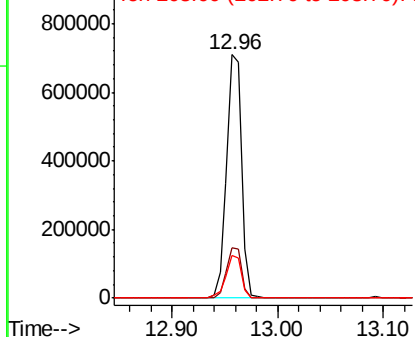


#78
Pyrene
Concen: 48.962 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Tgt Ion:202 Resp: 698492
Ion Ratio Lower Upper
202 100
200 20.9 17.8 26.6
203 17.6 14.2 21.4



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: 95.729 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB114313BS

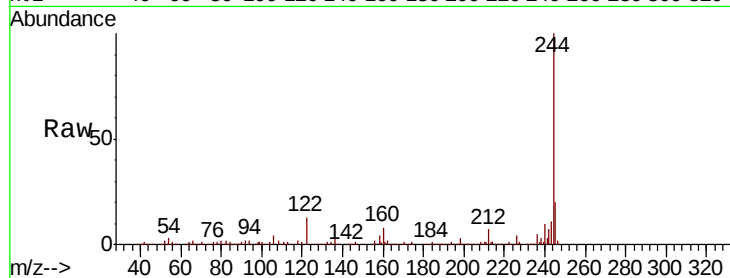
Tgt Ion:244 Resp: 915970

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

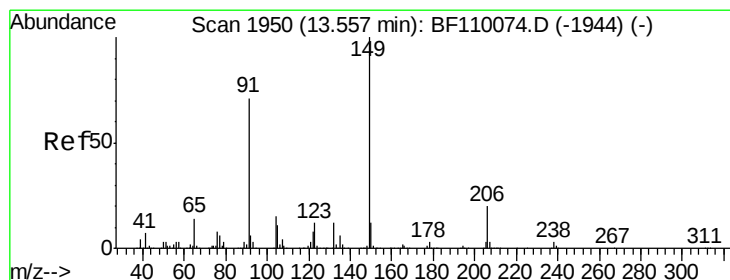
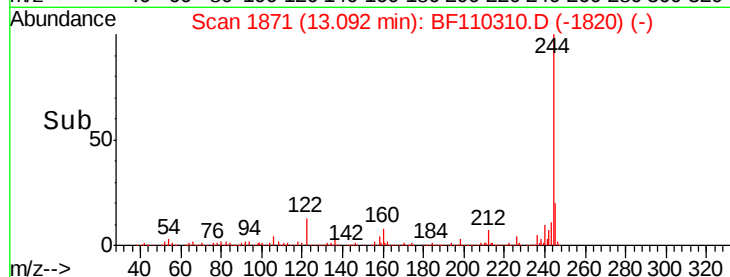
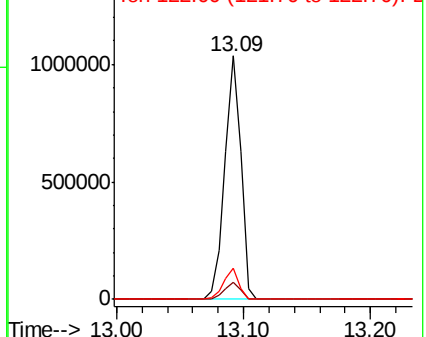
122 12.9 8.7 13.1



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: 51.963 ng

RT: 13.56 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

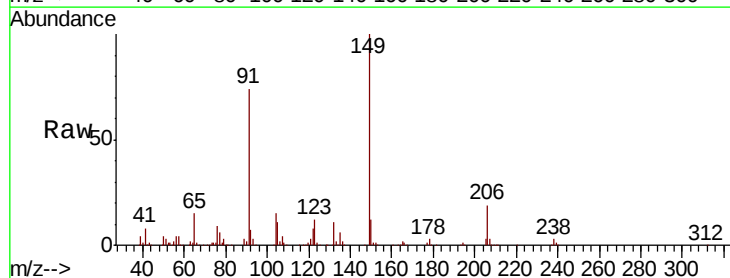
Tgt Ion:149 Resp: 321759

Ion Ratio Lower Upper

149 100

91 74.4 57.2 85.8

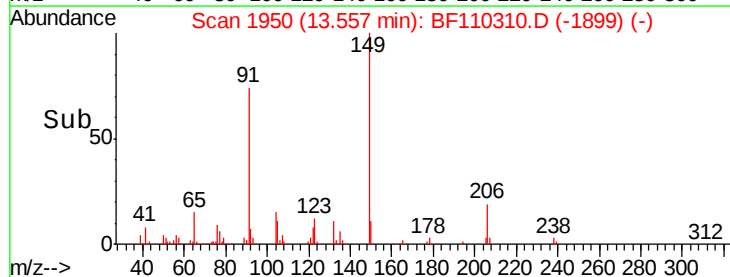
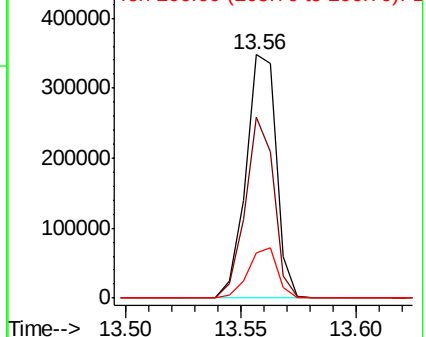
206 18.8 15.7 23.5

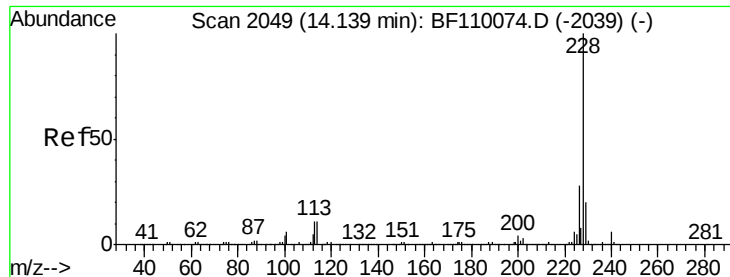


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.956 ng

RT: 14.15 min Scan# 2051

Delta R.T. 0.01 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB114313BS

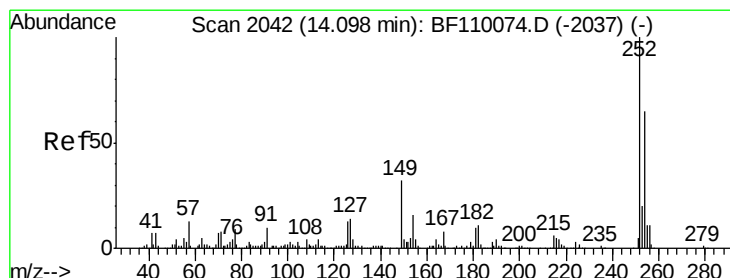
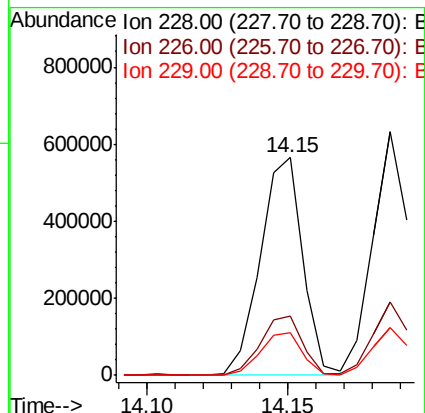
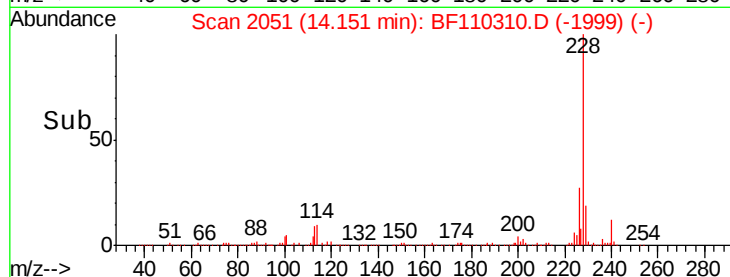
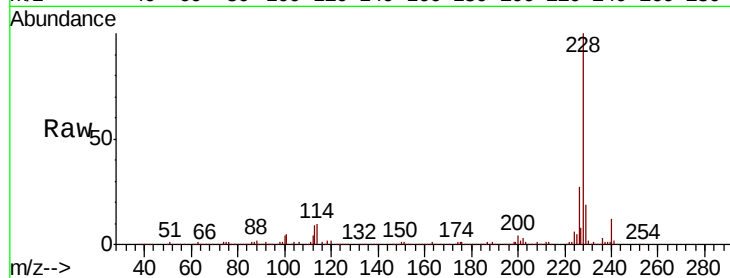
Tgt Ion:228 Resp: 589522

Ion Ratio Lower Upper

228 100

226 27.0 22.1 33.1

229 19.4 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 37.493 ng

RT: 14.10 min Scan# 2043

Delta R.T. 0.00 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

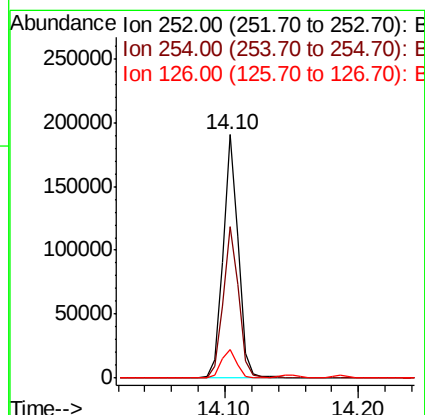
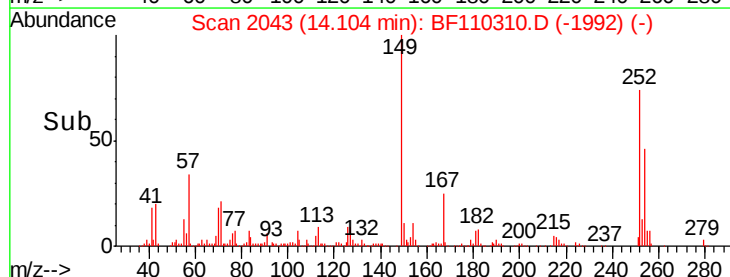
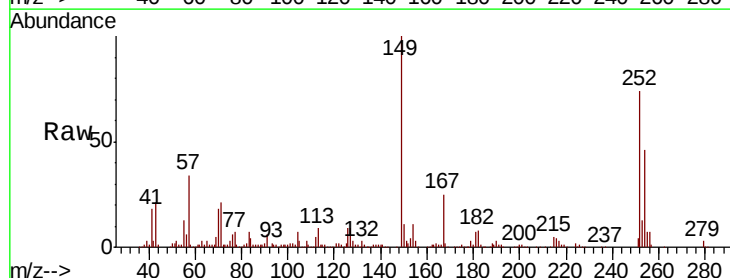
Tgt Ion:252 Resp: 154069

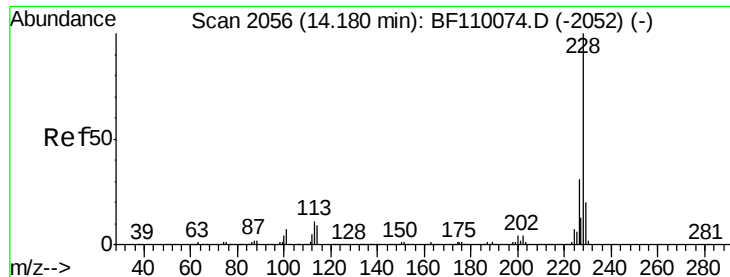
Ion Ratio Lower Upper

252 100

254 62.0 51.3 76.9

126 11.6 9.4 14.2





#83

Chrysene

Concen: 48.665 ng

RT: 14.19 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB114313BS

Tgt Ion:228 Resp: 545461

Ion Ratio Lower Upper

228 100

226 30.2 24.7 37.1

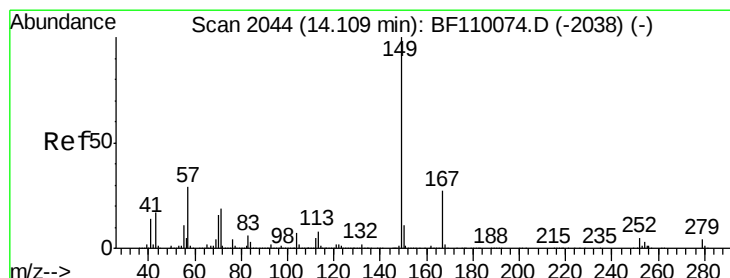
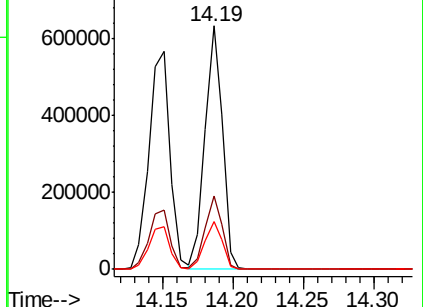
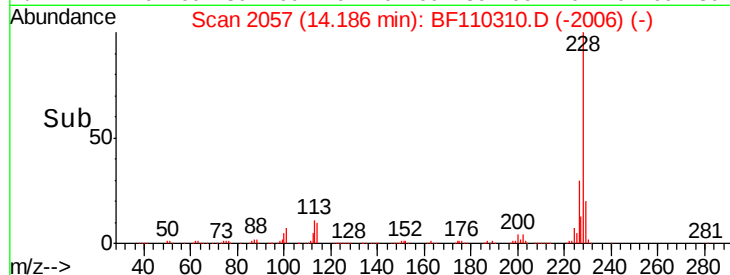
229 19.8 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.946 ng

RT: 14.11 min Scan# 2044

Delta R.T. 0.00 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

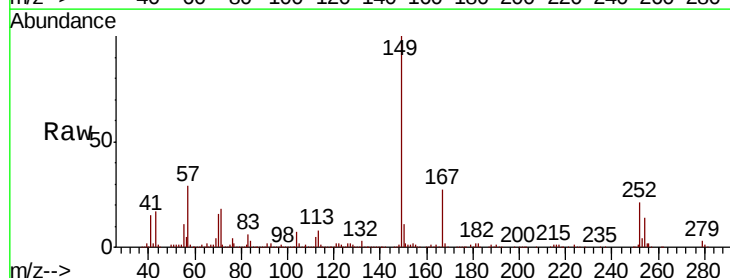
Tgt Ion:149 Resp: 434813

Ion Ratio Lower Upper

149 100

167 26.6 19.8 29.8

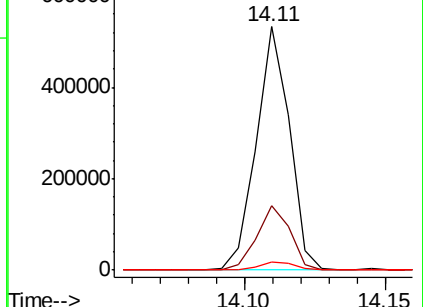
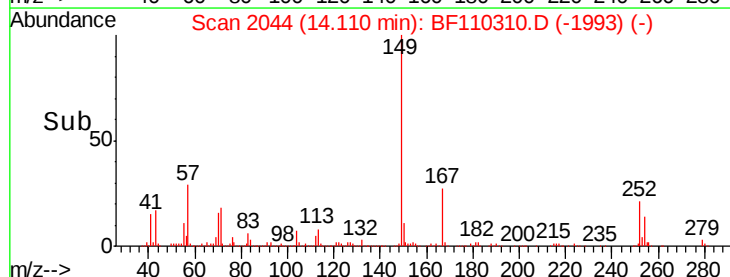
279 3.4 2.7 4.1

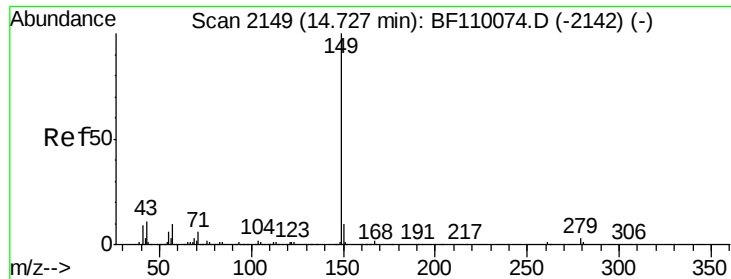


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

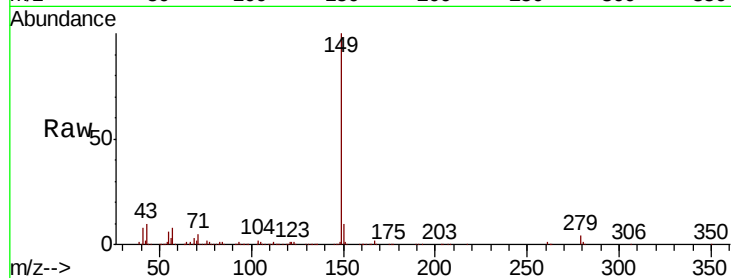




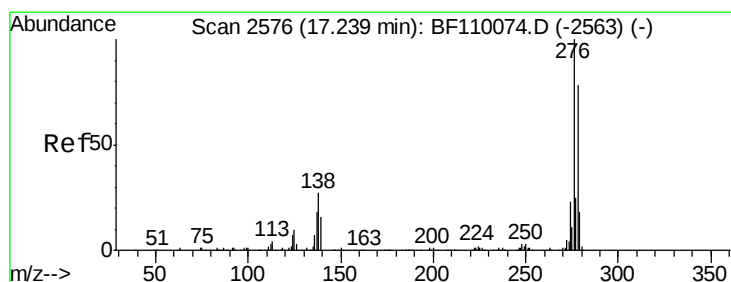
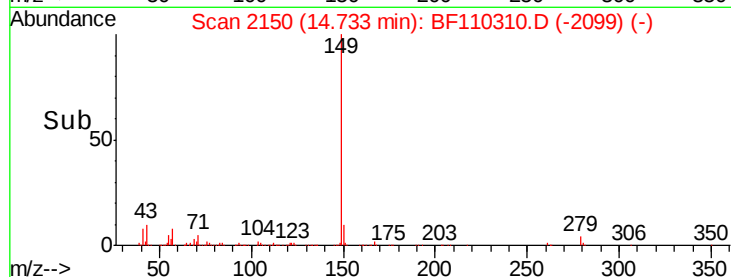
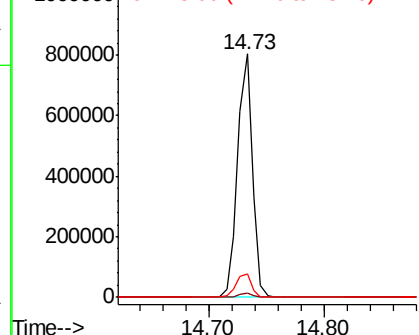
#85
Di-n-octyl phthalate
Concen: 55.208 ng
RT: 14.73 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB114313BS

Tgt Ion:149 Resp: 718555
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.0 7.8 11.8

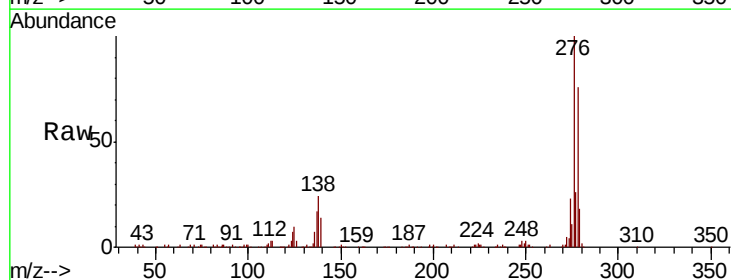


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

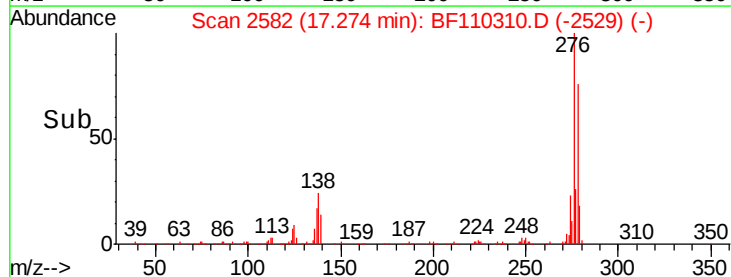
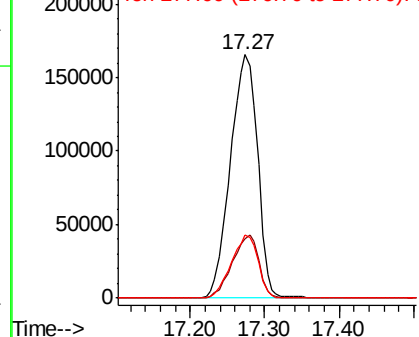


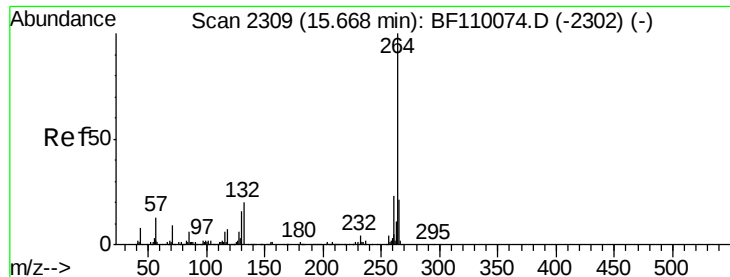
#86
Indeno(1,2,3-cd)pyrene
Concen: 45.208 ng
RT: 17.27 min Scan# 2582
Delta R.T. 0.01 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Tgt Ion:276 Resp: 420362
Ion Ratio Lower Upper
276 100
138 25.2 18.5 27.7
277 25.3 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2313

Delta R.T. 0.01 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB114313BS

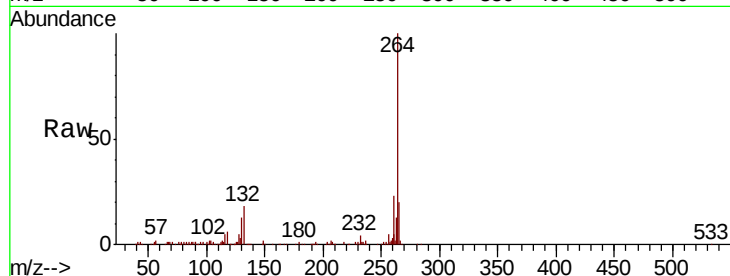
Tgt Ion:264 Resp: 165897

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

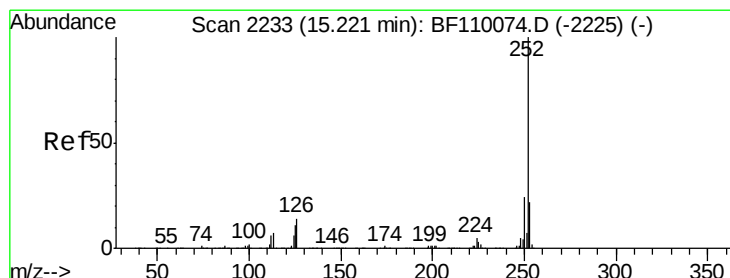
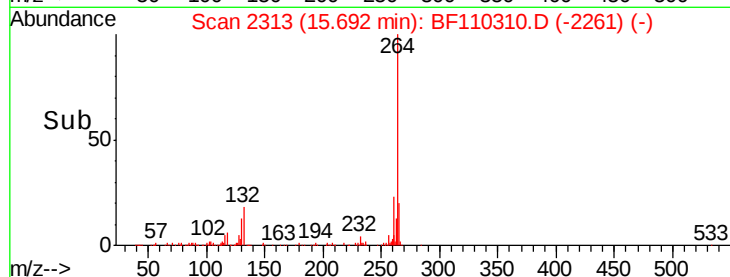
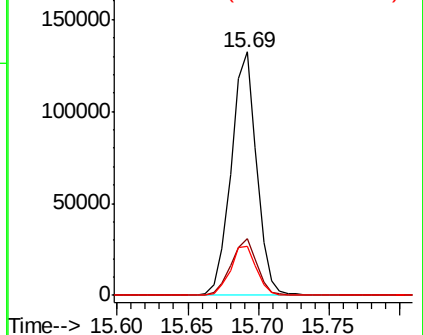
265 20.2 16.7 25.1



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: 55.157 ng

RT: 15.23 min Scan# 2235

Delta R.T. 0.01 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

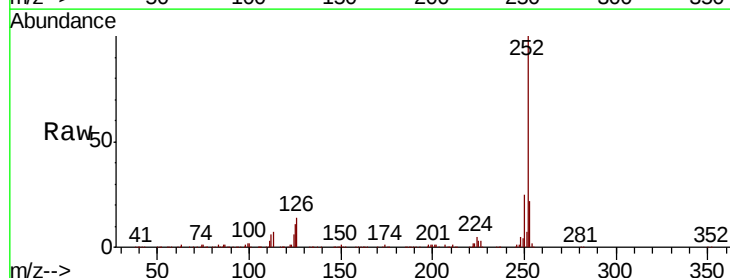
Tgt Ion:252 Resp: 528397

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

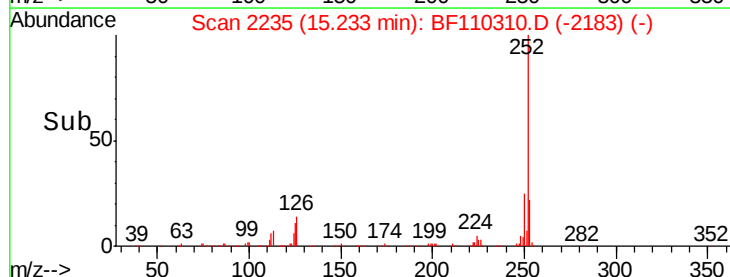
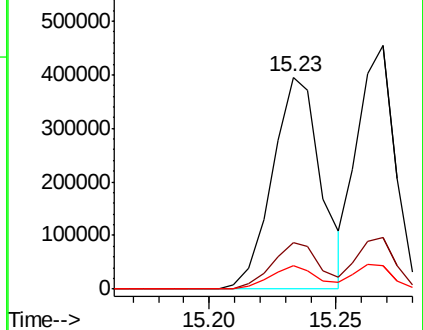
125 11.2 8.2 12.4

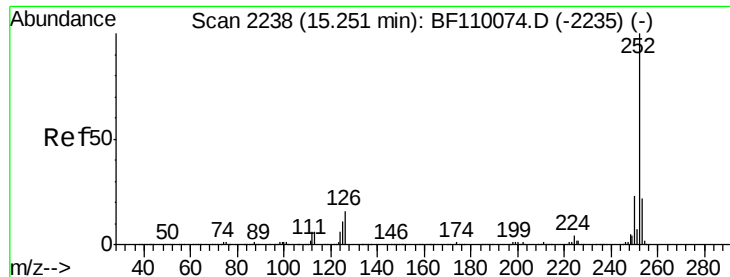


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

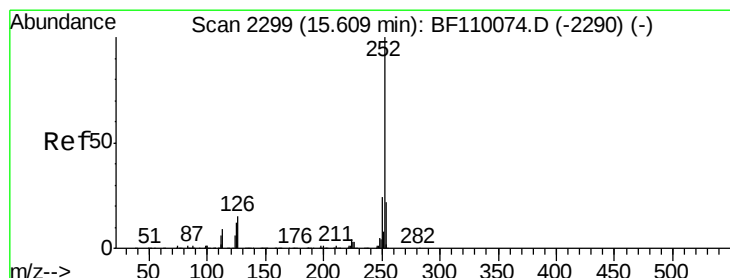
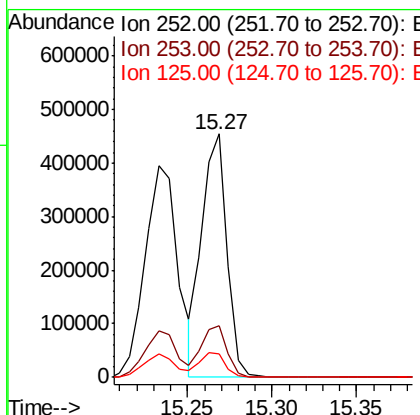
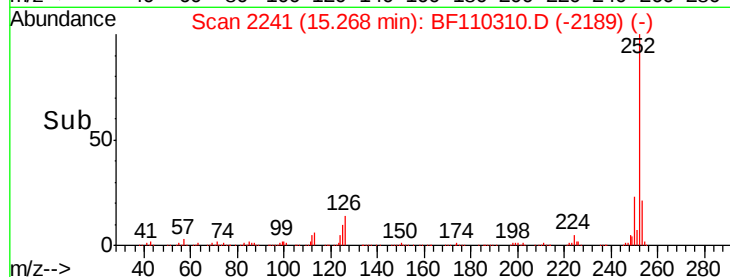
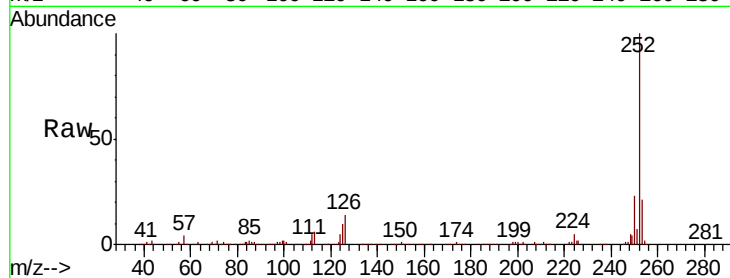




#89
Benzo(k)fluoranthene
Concen: 49.782 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.01 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

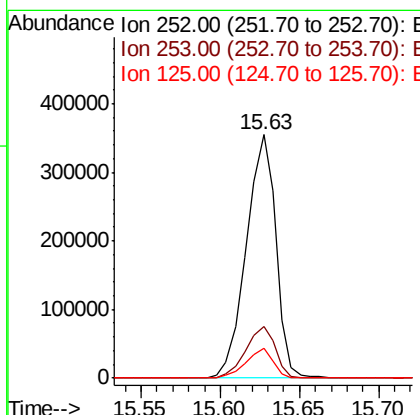
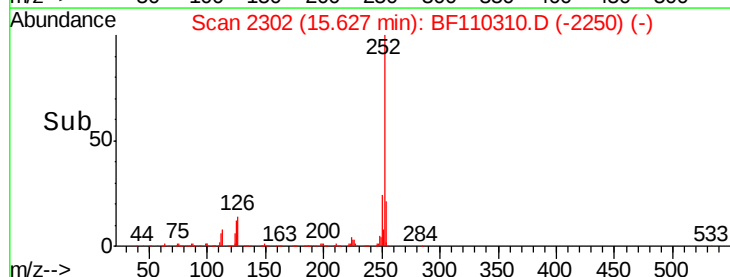
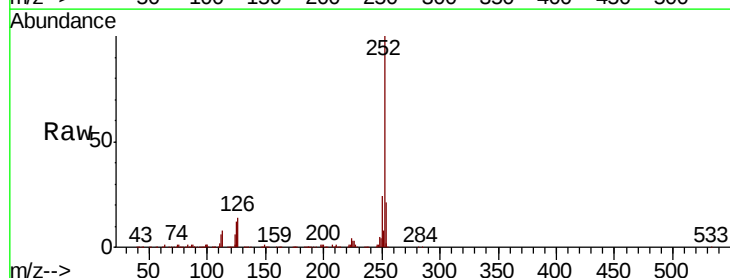
Instrument :
BNA_F
ClientSampleId :
PB114313BS

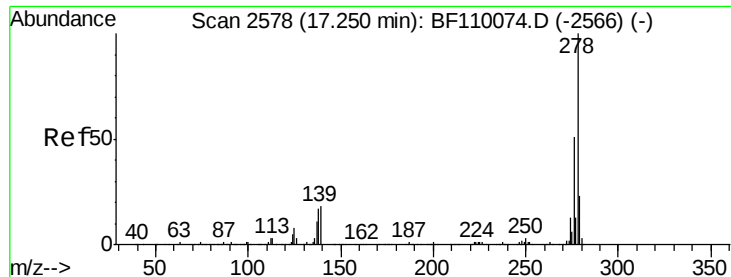
Tgt Ion:252 Resp: 468850
Ion Ratio Lower Upper
252 100
253 21.4 17.2 25.8
125 9.6 7.4 11.0



#90
Benzo(a)pyrene
Concen: 52.120 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.01 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Tgt Ion:252 Resp: 459442
Ion Ratio Lower Upper
252 100
253 21.3 18.2 27.4
125 12.0 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 46.944 ng

RT: 17.29 min Scan# 2584

Delta R.T. 0.01 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Instrument :

BNA_F

ClientSampleId :

PB114313BS

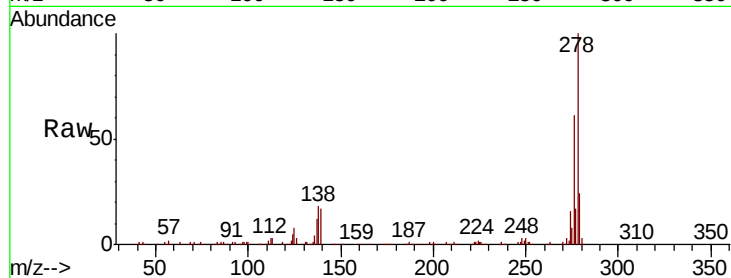
Tgt Ion:278 Resp: 357061

Ion Ratio Lower Upper

278 100

139 16.5 12.7 19.1

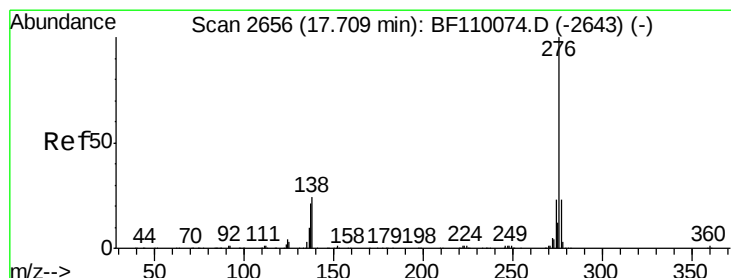
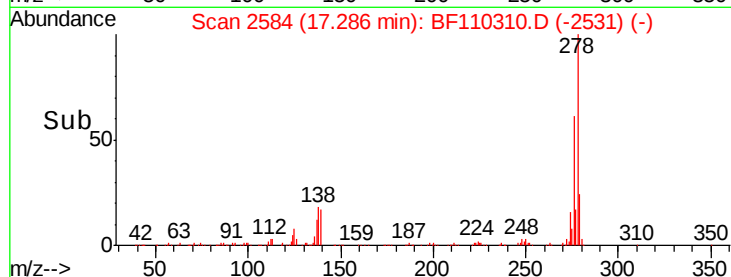
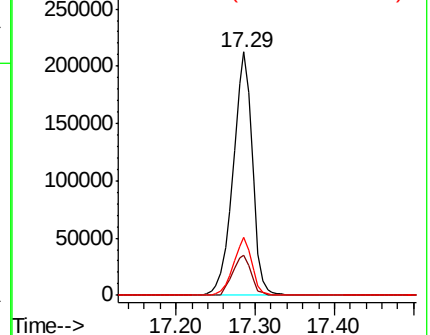
279 23.7 19.0 28.4



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: 45.167 ng

RT: 17.75 min Scan# 2663

Delta R.T. 0.01 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

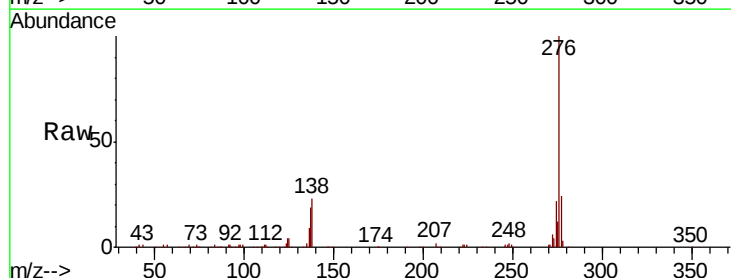
Tgt Ion:276 Resp: 338534

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 22.8 16.0 24.0



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

