

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110512.D
 Acq On : 6 Nov 2018 13:51
 Operator : JU/SJ
 Sample : J5827-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 06 15:10:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	105040	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	417423	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	185865	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	289493	20.00	ng	0.00
76) Chrysene-d12	14.14	240	178320	20.00	ng	0.00
87) Perylene-d12	15.66	264	146827	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	795660	123.35	ng	0.02
7) Phenol-d6	6.59	99	1013532	122.85	ng	0.01
23) Nitrobenzene-d5	7.53	82	635211	90.26	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	205235	111.47	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	1083029	91.50	ng	0.00
79) Terphenyl-d14	13.07	244	752793	87.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	90894	26.896	ng	88
3) Pyridine	3.65	79	259957	34.536	ng	# 84
4) n-Nitrosodimethylamine	3.61	42	137755	43.682	ng	91
6) Aniline	6.62	93	358279	33.336	ng	# 54
8) 2-Chlorophenol	6.75	128	303694	40.838	ng	99
9) Benzaldehyde	6.51	77	179553	36.564	ng	97
10) Phenol	6.60	94	428451	48.582	ng	# 67
11) bis(2-Chloroethyl)ether	6.69	93	279947	38.583	ng	95
12) 1,3-Dichlorobenzene	6.90	146	311470	38.059	ng	98
13) 1,4-Dichlorobenzene	6.97	146	317375	38.344	ng	98
14) 1,2-Dichlorobenzene	7.13	146	301508	39.240	ng	99
15) Benzyl Alcohol	7.10	79	259679	40.923	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.22	45	448487	38.660	ng	71
17) 2-Methylphenol	7.20	107	244122	41.190	ng	# 83
18) Hexachloroethane	7.46	117	113404	37.423	ng	93
19) n-Nitroso-di-n-propylamine	7.37	70	204315	38.601	ng	96
20) 3+4-Methylphenols	7.36	107	305675	39.900	ng	92
22) Acetophenone	7.37	105	414289	43.073	ng	# 97
24) Nitrobenzene	7.55	77	311987	42.939	ng	93
25) Isophorone	7.77	82	560071	46.687	ng	98
26) 2-Nitrophenol	7.86	139	152573	44.127	ng	95
27) 2,4-Dimethylphenol	7.89	122	272522	47.540	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	358532	43.994	ng	100
29) 2,4-Dichlorophenol	8.10	162	246191	42.510	ng	98
30) 1,2,4-Trichlorobenzene	8.18	180	265536	40.933	ng	98
31) Naphthalene	8.26	128	851305	44.250	ng	100
32) Benzoic acid	7.96	122	11364	2.565	ng	# 81
33) 4-Chloroaniline	8.31	127	190996	22.059	ng	98
34) Hexachlorobutadiene	8.37	225	147141	40.851	ng	97
35) Caprolactam	8.69	113	40937	20.280	ng	88
36) 4-Chloro-3-methylphenol	8.79	107	264823	42.286	ng	98
37) 2-Methylnaphthalene	8.95	142	578436	45.443	ng	98
38) 1-Methylnaphthalene	9.05	142	539927	43.894	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	245586	42.407	ng	99

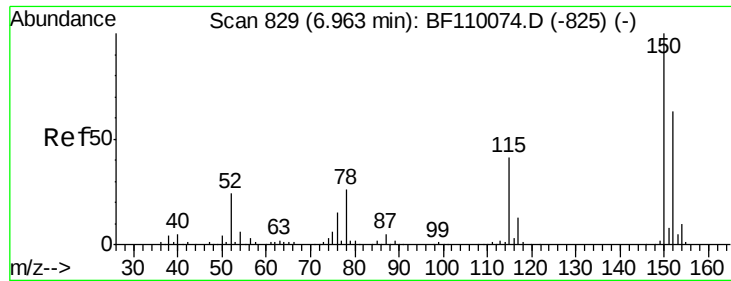
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	92486	31.232	ng	97
43) 2,4,6-Trichlorophenol	9.23	196	159742	42.766	ng	94
44) 2,4,5-Trichlorophenol	9.27	196	169353	42.893	ng	95
46) 1,1'-Biphenyl	9.42	154	686748	40.859	ng	99
47) 2-Chloronaphthalene	9.45	162	515229	41.790	ng	98
48) 2-Nitroaniline	9.55	65	163646	43.802	ng	94
49) Acenaphthylene	9.86	152	786020	44.140	ng	98
50) Dimethylphthalate	9.72	163	780813	56.910	ng	100
51) 2,6-Dinitrotoluene	9.79	165	125213	42.368	ng	96
52) Acenaphthene	10.03	154	465387	39.505	ng	97
53) 3-Nitroaniline	9.96	138	110720	31.504	ng	96
54) 2,4-Dinitrophenol	10.07	184	19945	21.080	ng	92
55) Dibenzofuran	10.20	168	673116	40.811	ng	99
56) 4-Nitrophenol	10.12	139	235386	90.494	ng	96
57) 2,4-Dinitrotoluene	10.19	165	158082	42.112	ng	96
58) Fluorene	10.55	166	527804	42.997	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.32	232	125062	38.861	ng	# 92
60) Diethylphthalate	10.41	149	579767	43.289	ng	99
61) 4-Chlorophenyl-phenylether	10.53	204	258960	39.990	ng	96
62) 4-Nitroaniline	10.57	138	124755	35.690	ng	96
63) Azobenzene	10.70	77	541607	40.741	ng	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	25507	19.285	ng	89
66) n-Nitrosodiphenylamine	10.66	169	463701	48.834	ng	96
67) 4-Bromophenyl-phenylether	11.03	248	145872	46.454	ng	93
68) Hexachlorobenzene	11.10	284	143691	43.127	ng	# 90
69) Atrazine	11.18	200	143798	47.921	ng	97
70) Pentachlorophenol	11.30	266	116965	60.204	ng	97
71) Phenanthrene	11.52	178	695532	45.917	ng	100
72) Anthracene	11.57	178	707345	46.588	ng	99
73) Carbazole	11.72	167	594245	40.085	ng	100
74) Di-n-butylphthalate	12.03	149	801149	47.850	ng	99
75) Fluoranthene	12.71	202	607465	39.515	ng	98
77) Benzidine	12.83	184	370700	Below	Cal	97
78) Pyrene	12.94	202	587781	45.978	ng	99
80) Butylbenzylphthalate	13.53	149	266755	48.074	ng	97
81) Benzo(a)anthracene	14.13	228	485095	45.873	ng	99
82) 3,3'-Dichlorobenzidine	14.08	252	151464	41.133	ng	99
83) Chrysene	14.16	228	455241	45.325	ng	98
84) Bis(2-ethylhexyl)phthalate	14.09	149	360974	48.124	ng	96
85) Di-n-octyl phthalate	14.70	149	593398	50.877	ng	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	347120	41.659	ng	97
88) Benzo(b)fluoranthene	15.21	252	417196	49.205	ng	100
89) Benzo(k)fluoranthene	15.24	252	402984	48.346	ng	99
90) Benzo(a)pyrene	15.60	252	377490	48.385	ng	98
91) Dibenzo(a,h)anthracene	17.24	278	291837	43.352	ng	97
92) Benzo(g,h,i)perylene	17.71	276	278805	42.029	ng	98

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

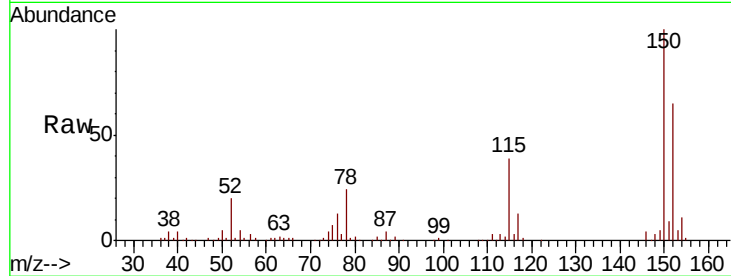


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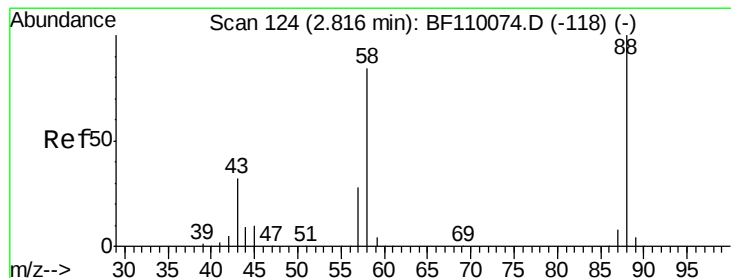
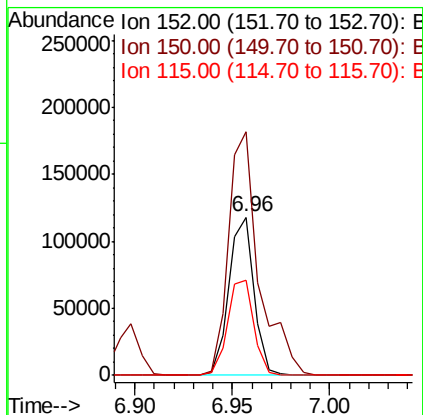
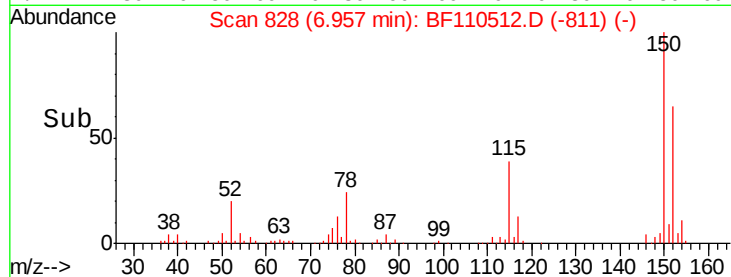
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 105040
Ion Ratio Lower Upper
152 100
150 154.0 122.7 184.1
115 59.8 49.1 73.7



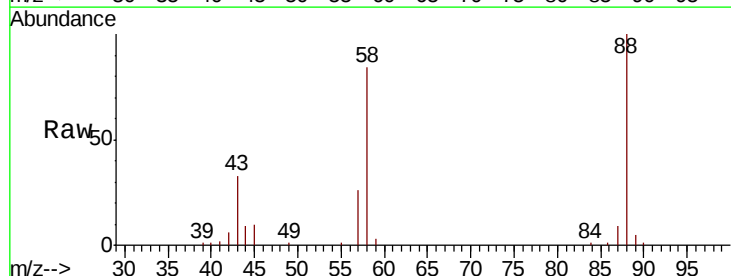
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



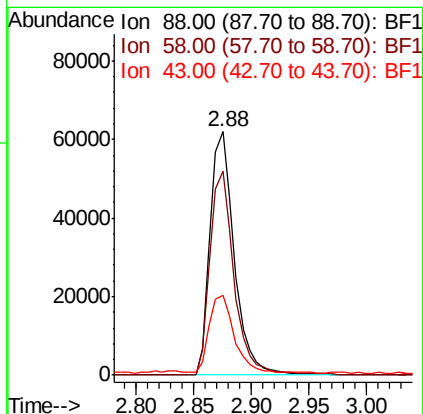
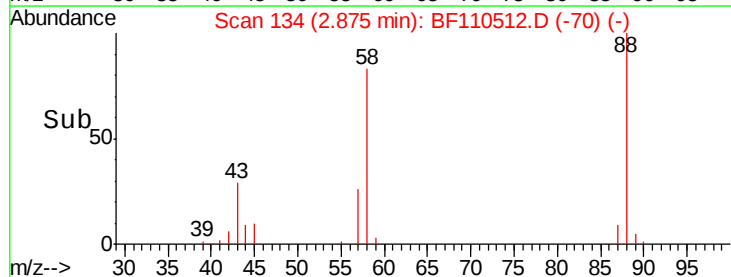
#2

1,4-Dioxane
Concen: 26.896 ng
RT: 2.88 min Scan# 134
Delta R.T. 0.08 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Tgt Ion: 88 Resp: 90894
Ion Ratio Lower Upper
88 100
58 83.7 57.1 85.7
43 32.3 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

Pvridine

Concen: 34.536 ng

RT: 3.65 min Scan# 266

Delta R.T. 0.07 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

Instrument :

BNA_F

ClientSampleId :

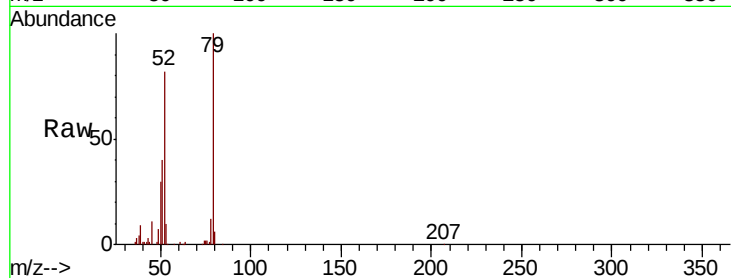
Tot Ion: 79 Resp: 259957

Ion Ratio Lower Upper

79 100

52 82.5 53.1 79.7#

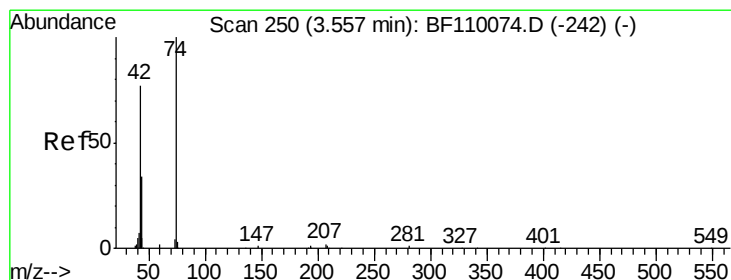
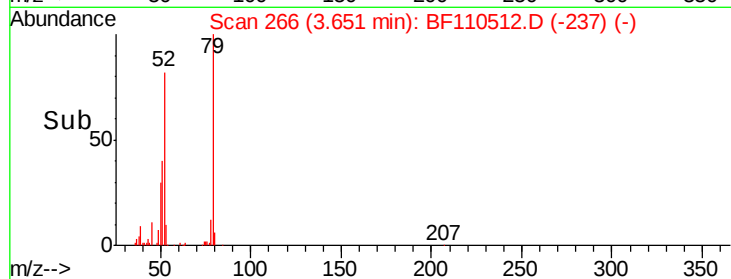
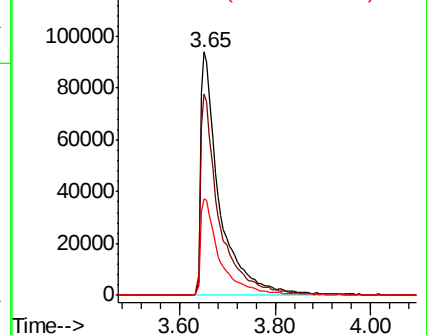
51 39.6 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 43.682 ng

RT: 3.61 min Scan# 259

Delta R.T. 0.06 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

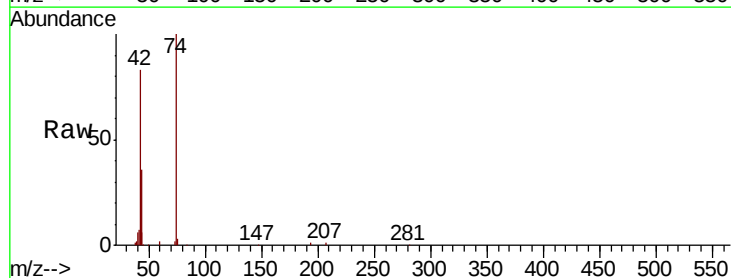
Tgt Ion: 42 Resp: 137755

Ion Ratio Lower Upper

42 100

74 121.2 105.5 158.3

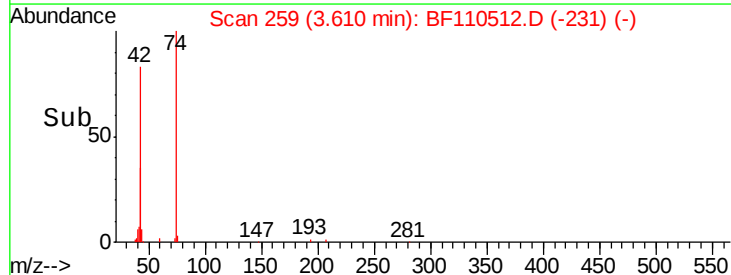
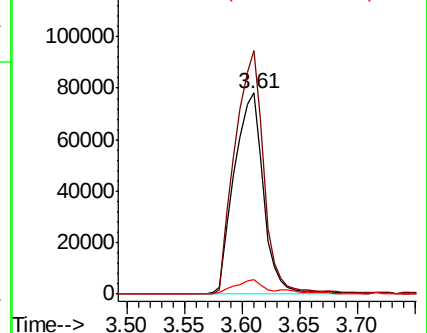
44 7.2 4.9 7.3



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 123.352 ng

RT: 5.59 min Scan# 596

Delta R.T. 0.02 min

Lab File: BF110512.D

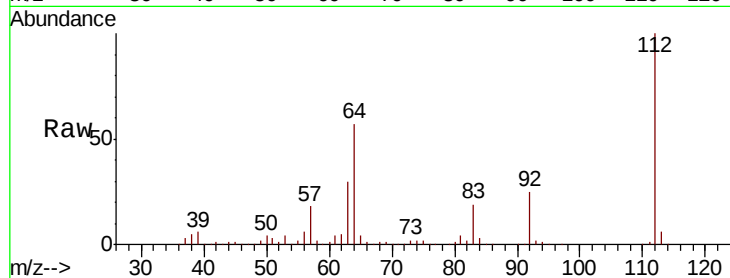
Acq: 6 Nov 2018 13:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	112	Resp:	795660
Ion	Ratio	Lower	Upper
112	100		
64	56.9	44.1	66.1
63	30.4	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

5.59

800000

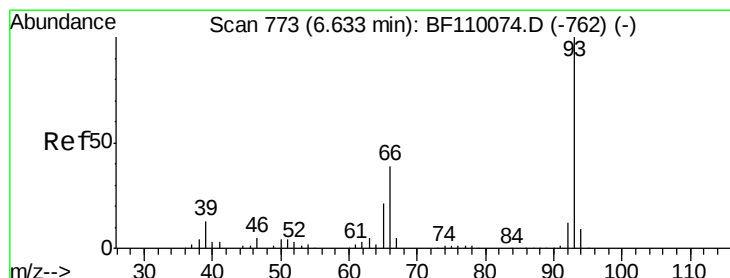
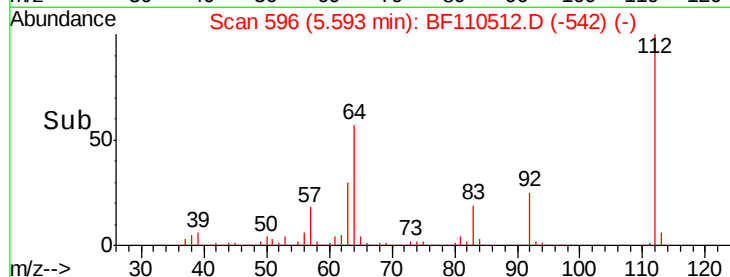
600000

400000

200000

0

Time-->



#6

Aniline

Concen: 33.336 ng

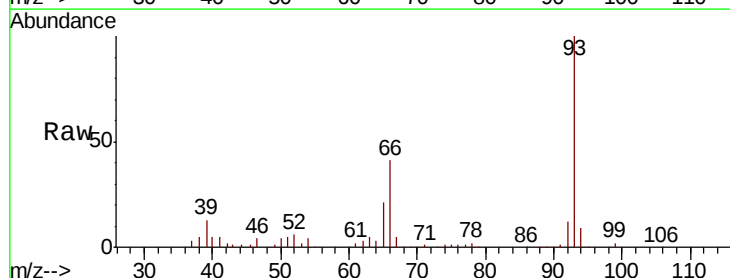
RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

Tgt Ion:	93	Resp:	358279
Ion	Ratio	Lower	Upper
93	100		
66	40.5	67.4	101.0#
65	20.9	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

6.62

400000

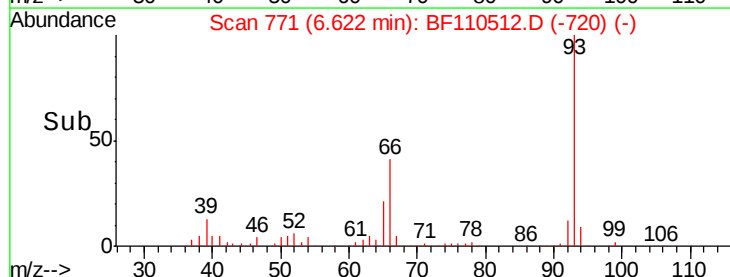
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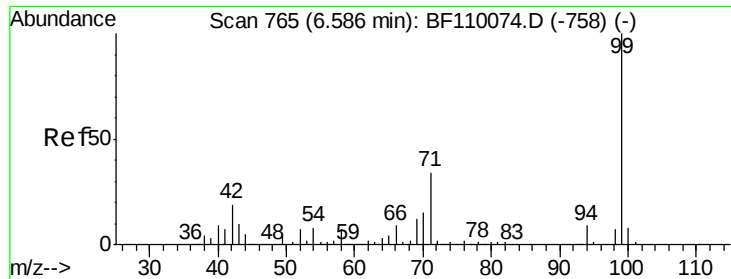
200000

100000

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Time-->





#7

Phenol-d6

Concen: 122.846 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

Instrument :

BNA_F

ClientSampled :

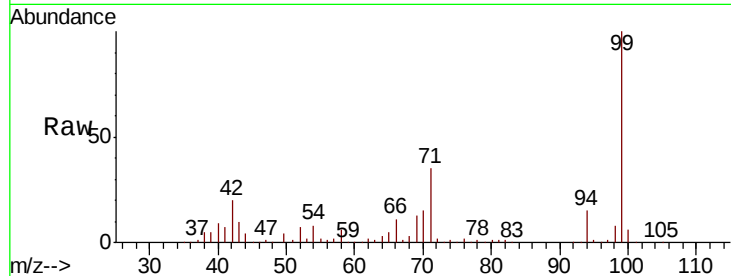
Tot Ion: 99 Resp: 1013532

Ion Ratio Lower Upper

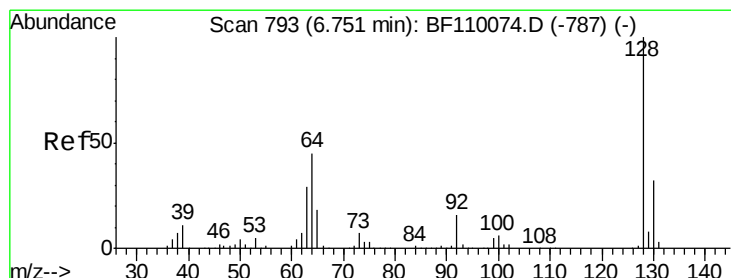
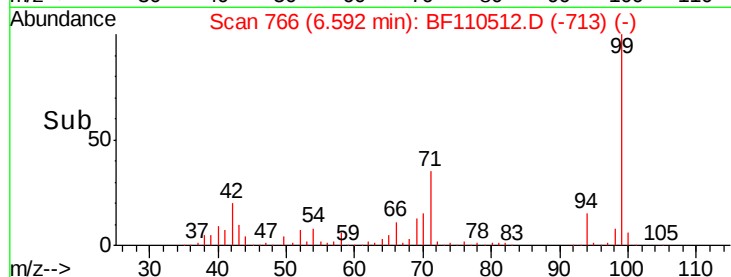
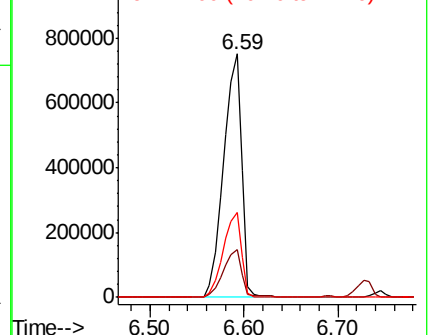
99 100

42 19.5 15.8 23.6

71 35.1 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: 40.838 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

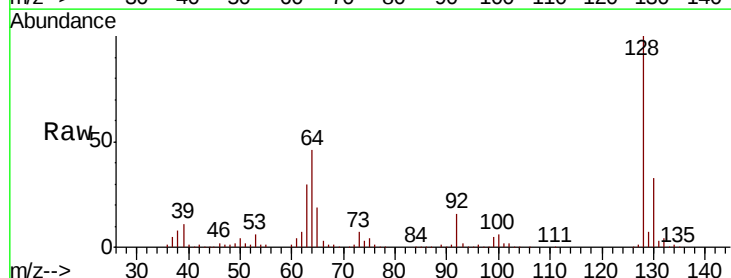
Tgt Ion: 128 Resp: 303694

Ion Ratio Lower Upper

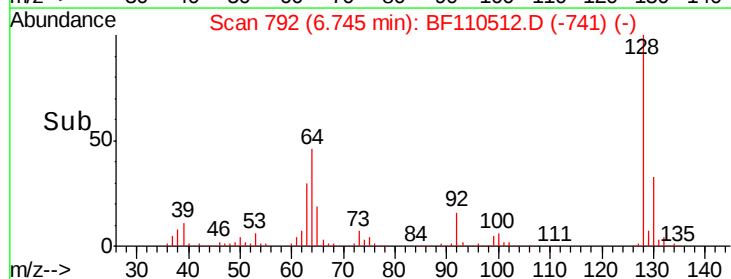
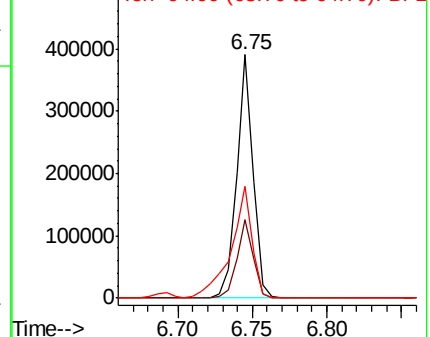
128 100

130 32.5 13.1 53.1

64 45.7 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

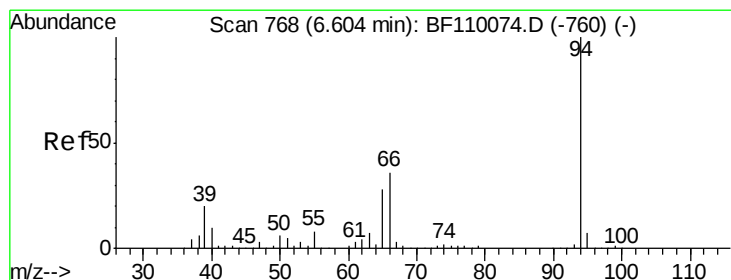
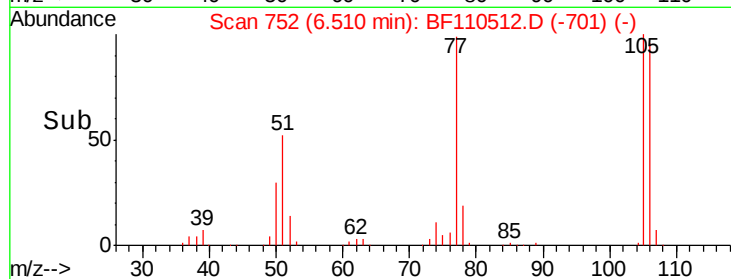
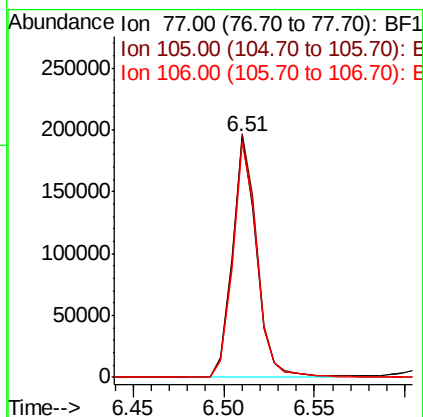
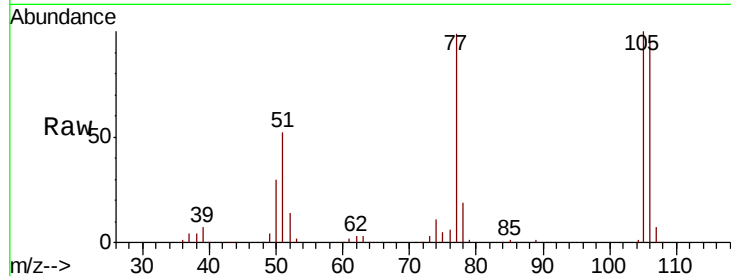




#9
Benzaldehyde
Concen: 36.564 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

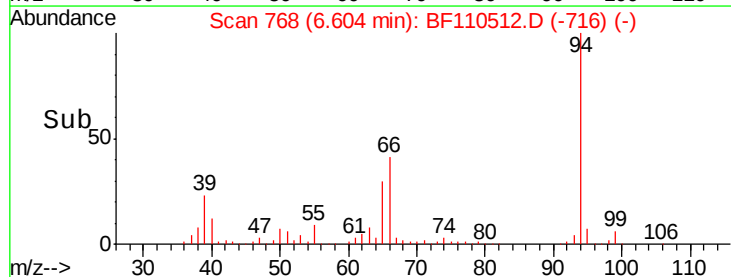
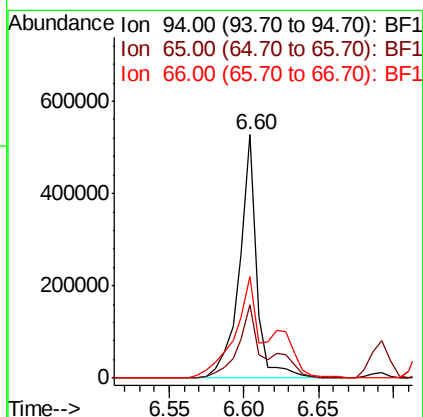
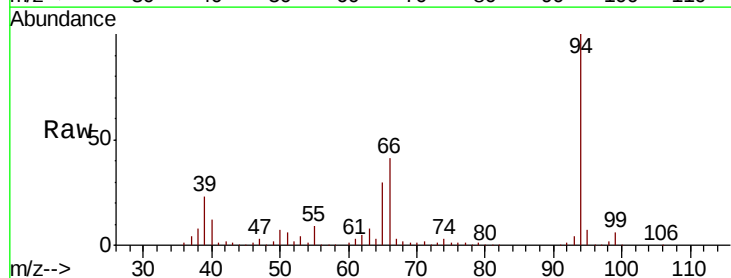
Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 179553
Ion Ratio Lower Upper
77 100
105 101.3 78.6 118.6
106 97.7 74.8 114.8



#10
Phenol
Concen: 48.582 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.01 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Tgt Ion: 94 Resp: 428451
Ion Ratio Lower Upper
94 100
65 30.1 25.3 65.3
66 41.5 54.5 94.5#

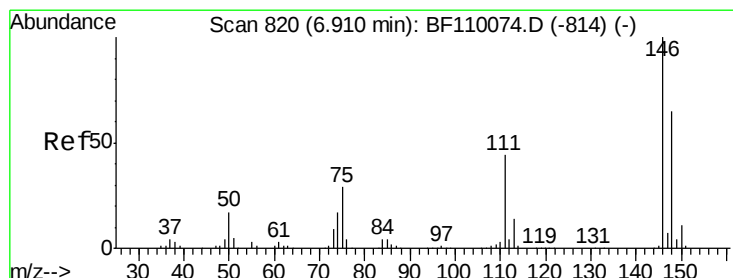
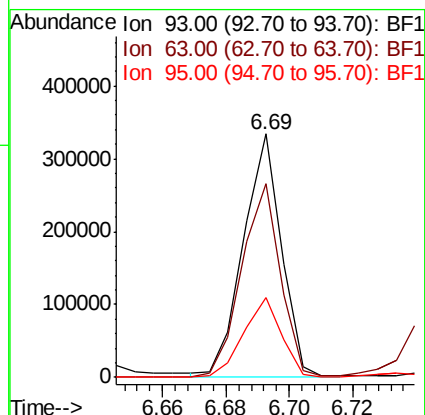
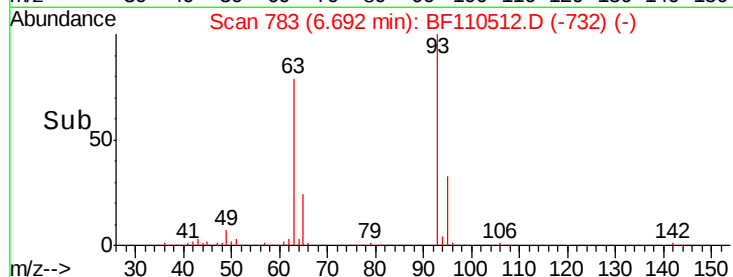
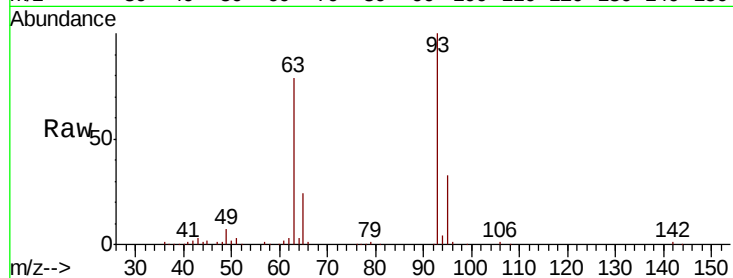




#11
 bis(2-Chloroethyl)ether
 Concen: 38.583 ng
 RT: 6.69 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF110512.D
 Acq: 6 Nov 2018 13:51

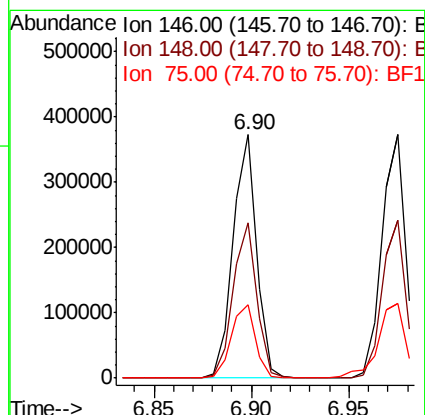
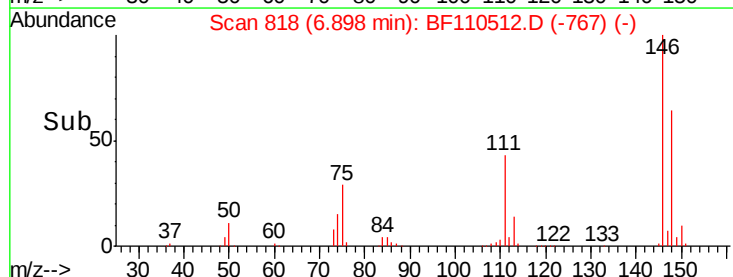
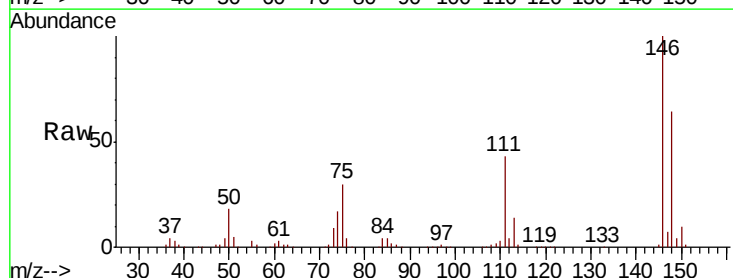
Instrument :
 BNA_F
 ClientSampleId :

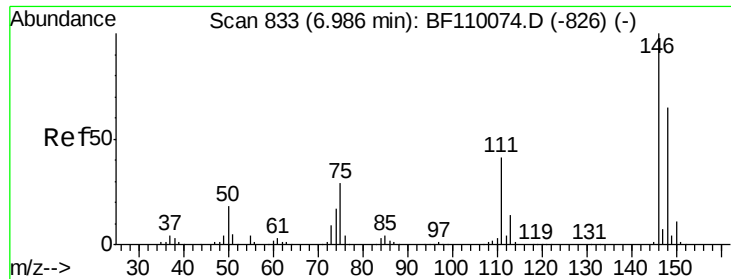
Tot Ion: 93 Resp: 279947
 Ion Ratio Lower Upper
 93 100
 63 79.4 53.4 93.4
 95 32.5 12.1 52.1



#12
 1,3-Dichlorobenzene
 Concen: 38.059 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF110512.D
 Acq: 6 Nov 2018 13:51

Tgt Ion: 146 Resp: 311470
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.4 75.6
 75 30.0 25.8 38.6

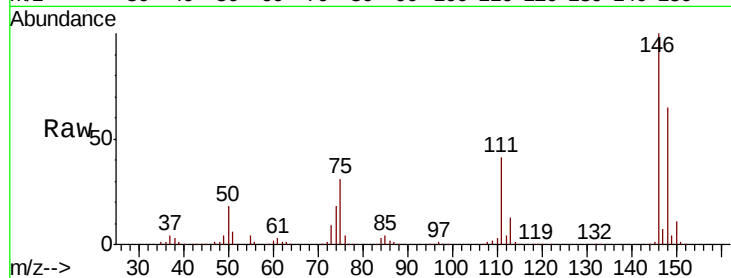




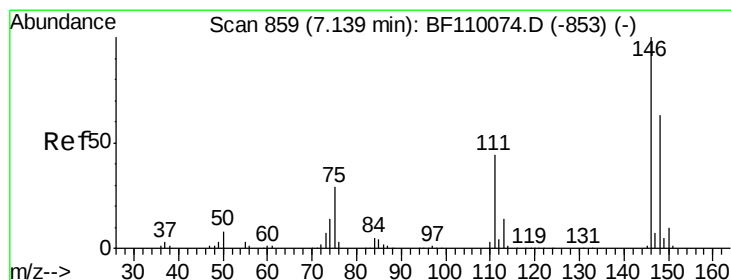
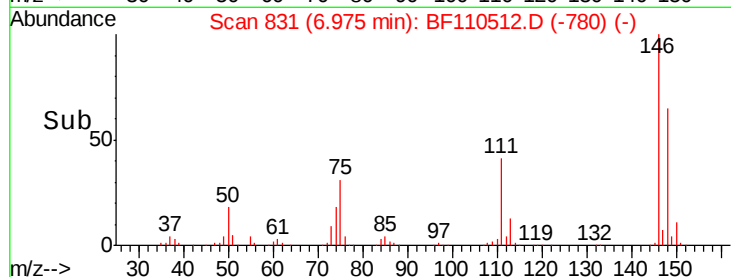
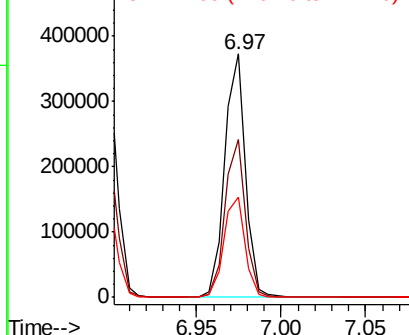
#13
 1,4-Dichlorobenzene
 Concen: 38.344 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF110512.D
 Acq: 6 Nov 2018 13:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 317375
 Ion Ratio Lower Upper
 146 100
 148 65.1 50.3 75.5
 111 41.4 32.7 49.1

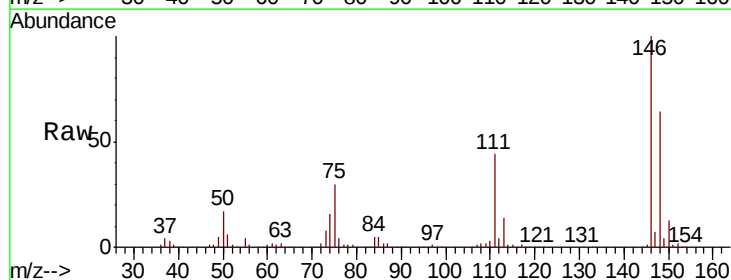


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

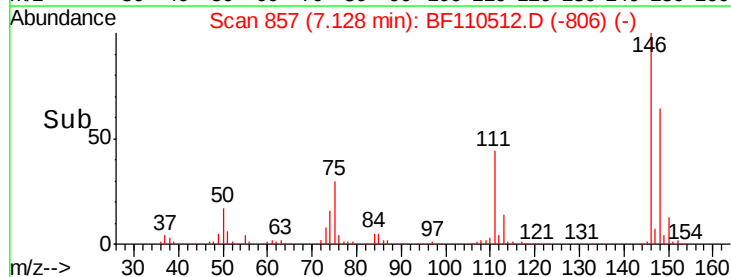
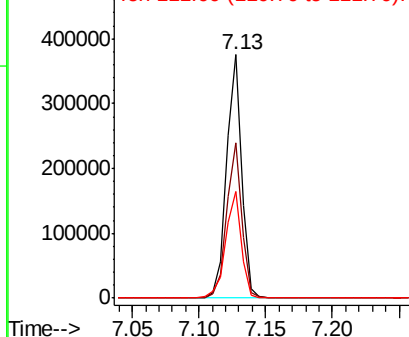


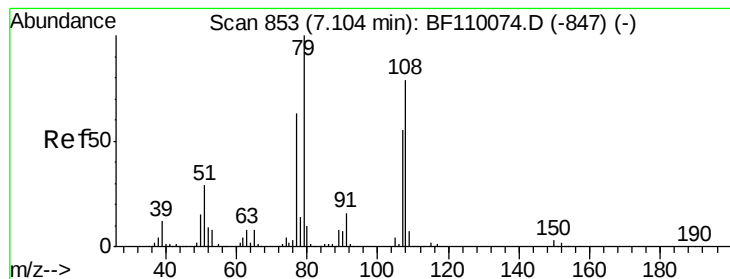
#14
 1,2-Dichlorobenzene
 Concen: 39.240 ng
 RT: 7.13 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF110512.D
 Acq: 6 Nov 2018 13:51

Tgt Ion:146 Resp: 301508
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.1 76.7
 111 43.9 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: 40.923 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

Instrument :

BNA_F

ClientSampleId :

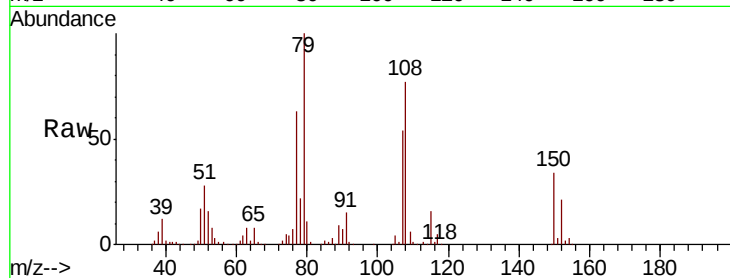
Tot Ion: 79 Resp: 259679

Ion Ratio Lower Upper

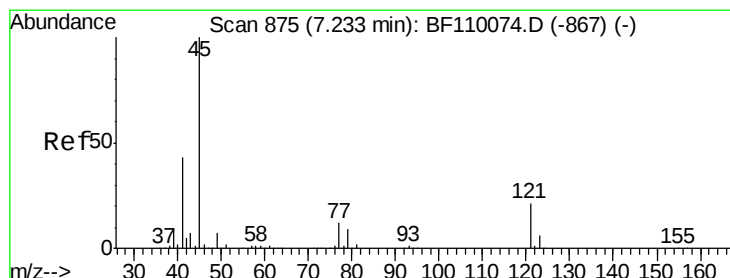
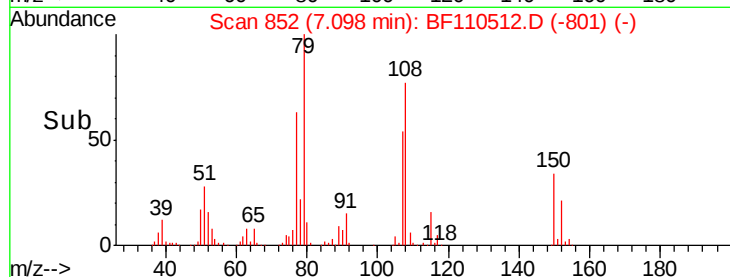
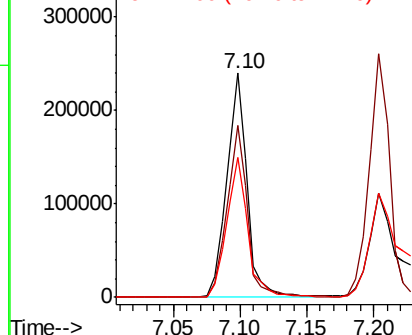
79 100

108 77.0 56.3 84.5

77 62.7 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: 38.660 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

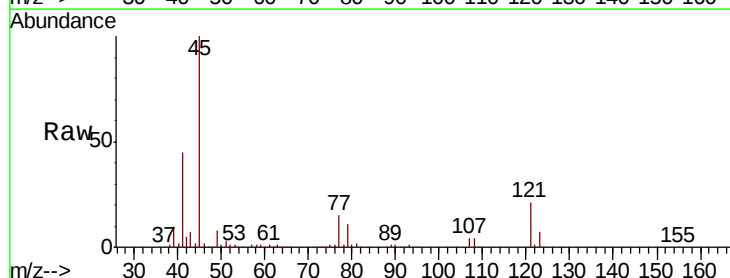
Tgt Ion: 45 Resp: 448487

Ion Ratio Lower Upper

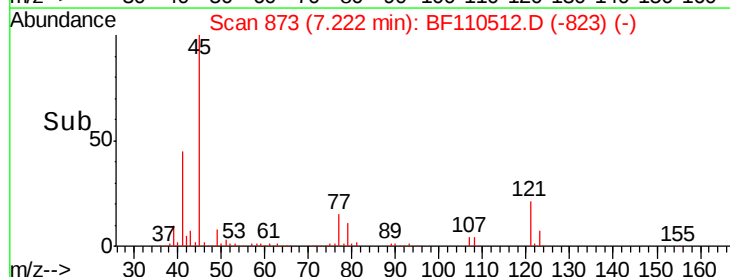
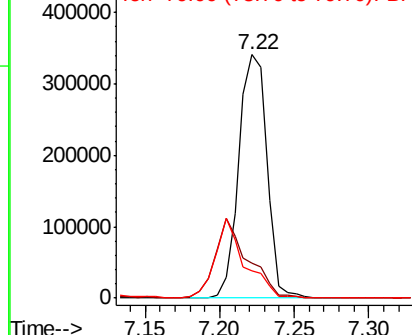
45 100

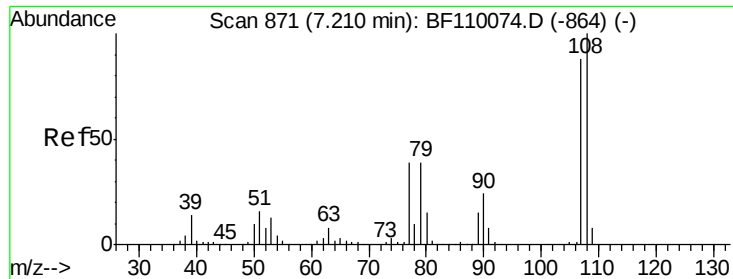
77 14.6 10.0 50.0

79 11.4 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

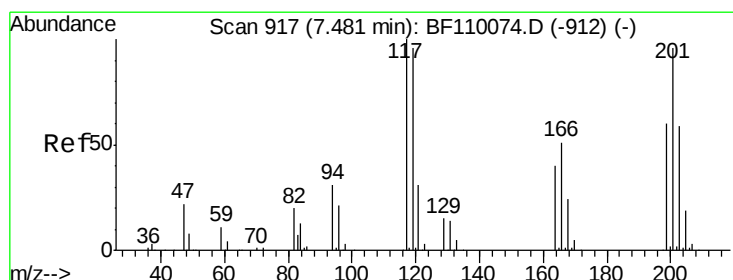
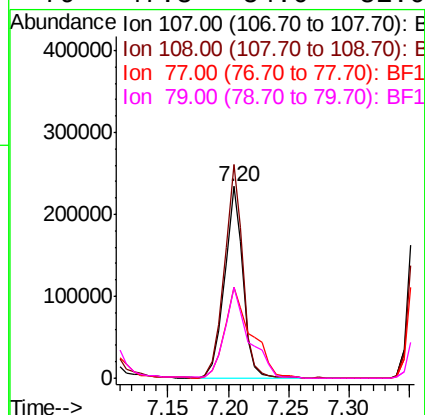
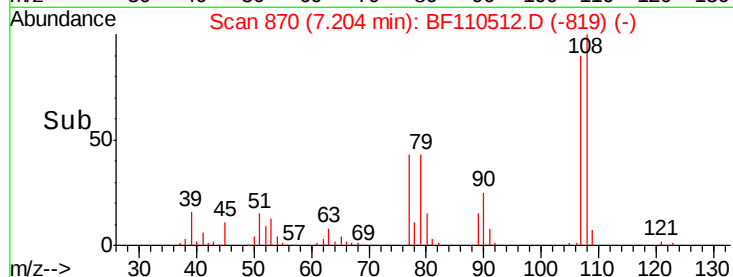
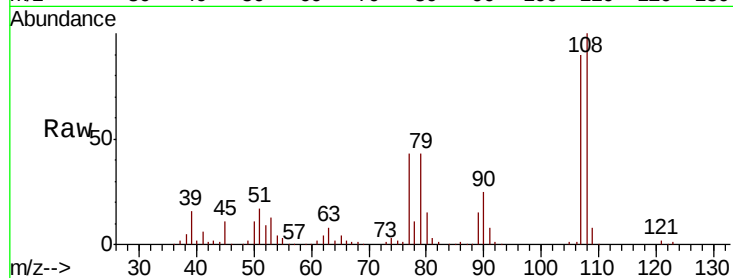




#17
2-Methylphenol
Concen: 41.190 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

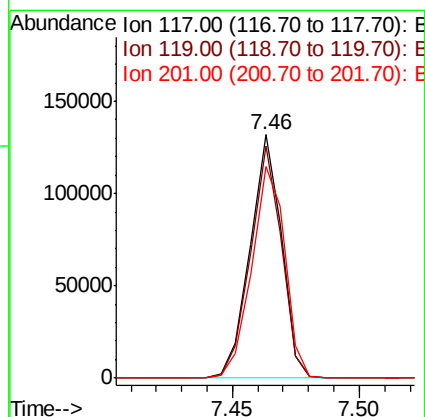
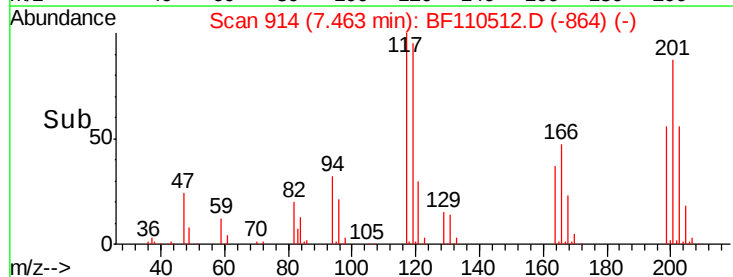
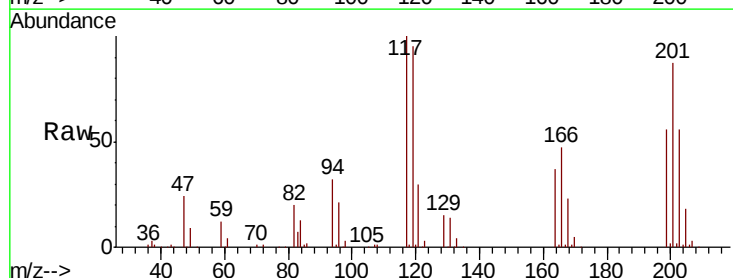
Instrument :
BNA_F
ClientSampleId :

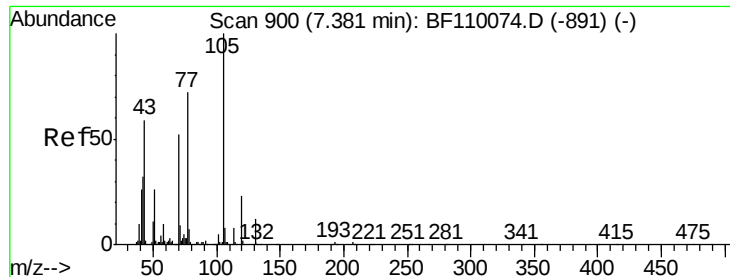
Tot Ion:107 Resp: 244122
Ion Ratio Lower Upper
107 100
108 111.6 92.6 138.8
77 47.7 59.4 89.2#
79 47.8 54.0 81.0#



#18
Hexachloroethane
Concen: 37.423 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Tgt Ion:117 Resp: 113404
Ion Ratio Lower Upper
117 100
119 95.5 75.0 112.6
201 86.9 79.2 118.8

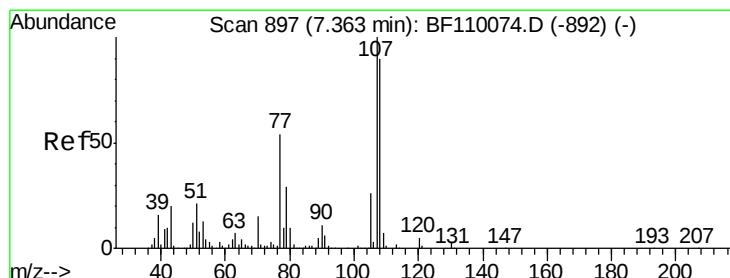
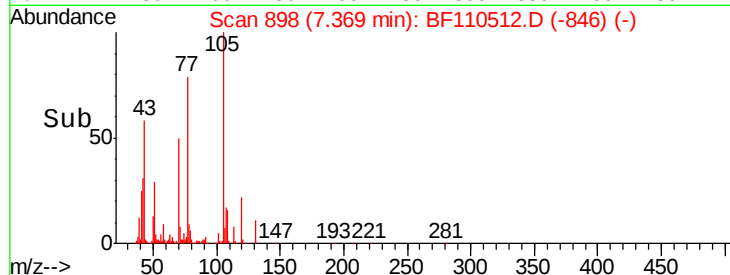
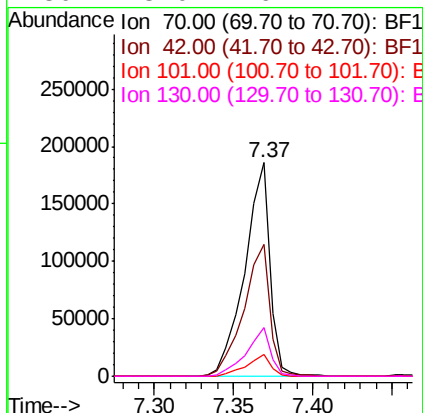
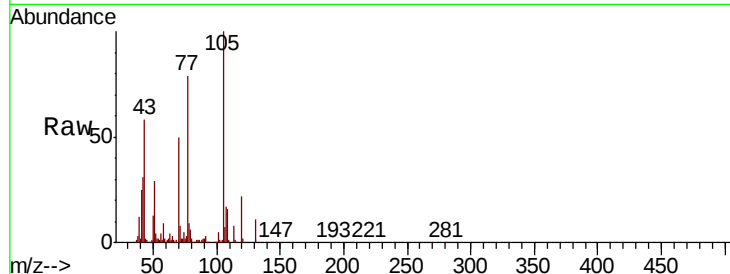




#19
n-Nitroso-di-n-propylamine
Concen: 38.601 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

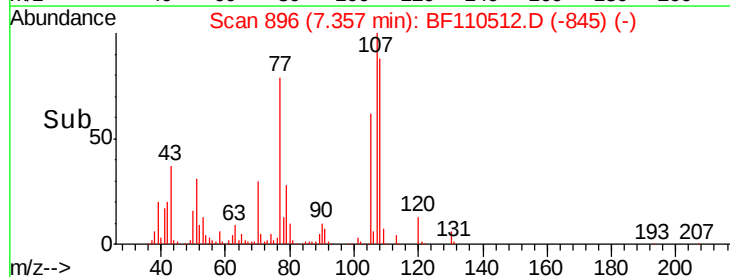
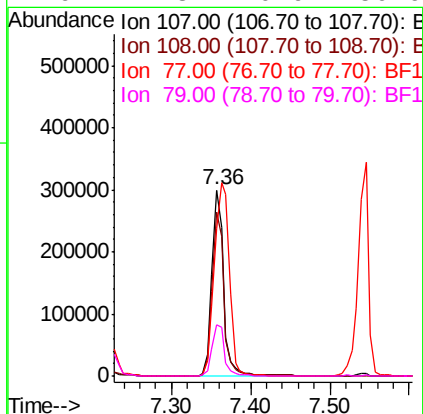
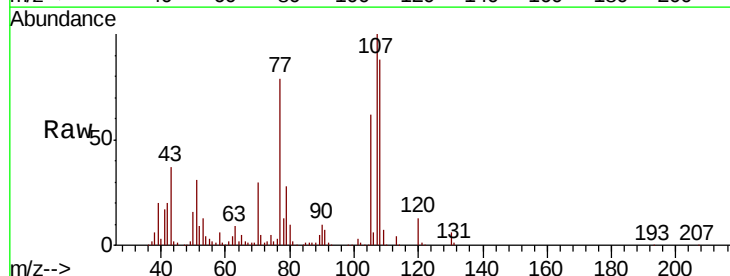
Instrument :
BNA_F
ClientSampleId :

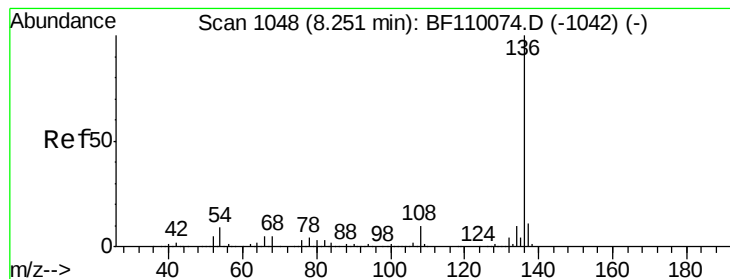
Tot Ion:	70	Resp:	204315
Ion	Ratio	Lower	Upper
70	100		
42	61.5	47.4	71.2
101	10.3	7.3	10.9
130	23.0	16.2	24.2



#20
3+4-Methylphenols
Concen: 39.900 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Tgt Ion:	107	Resp:	305675
Ion	Ratio	Lower	Upper
107	100		
108	88.4	71.4	111.4
77	79.2	47.3	87.3
79	27.8	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 417423

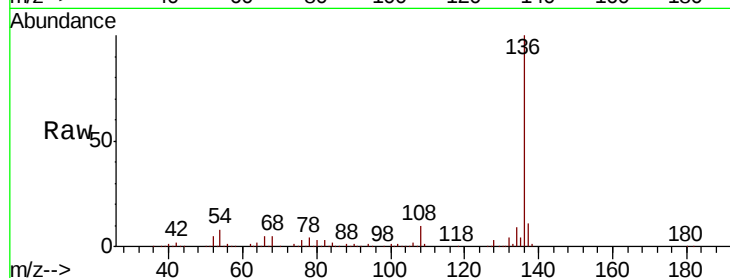
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.9 5.4 8.2

68 5.2 4.2 6.2

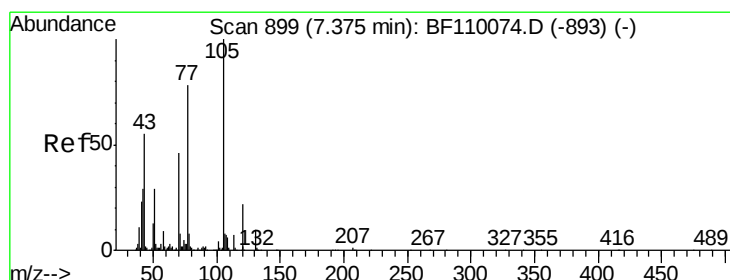
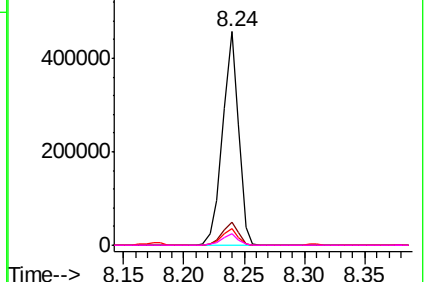
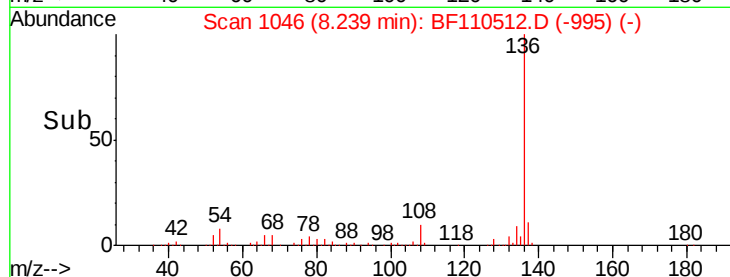


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.073 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

Tgt Ion:105 Resp: 414289

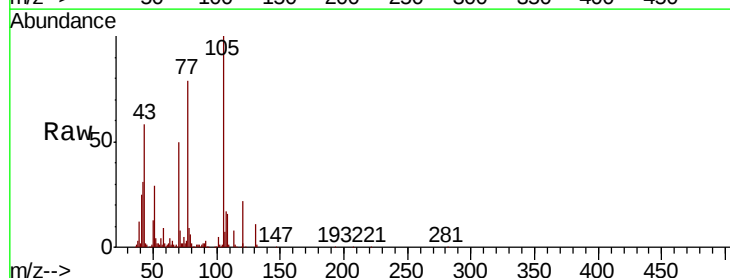
Ion Ratio Lower Upper

105 100

71 8.4 5.2 7.8#

51 29.0 21.8 32.8

120 22.2 17.0 25.4

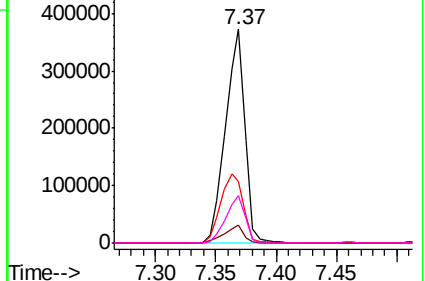
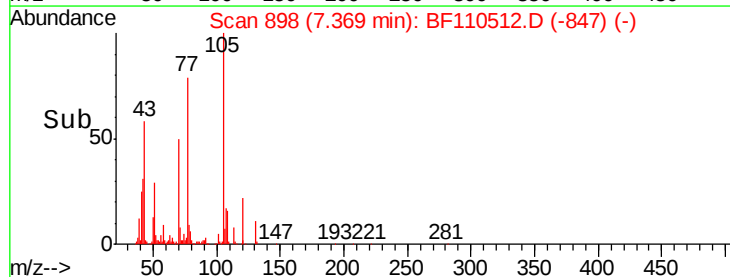


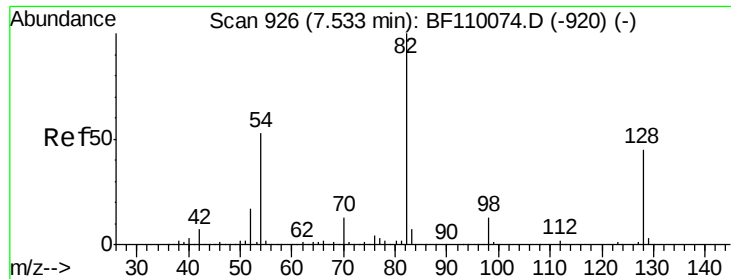
Abundance Ion 105.00 (104.70 to 105.70): E

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

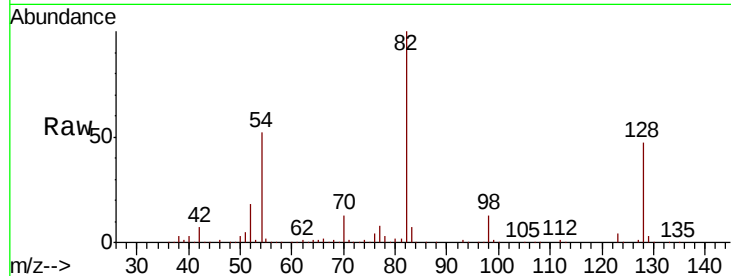




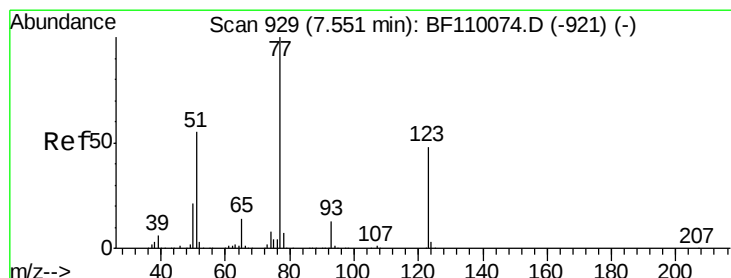
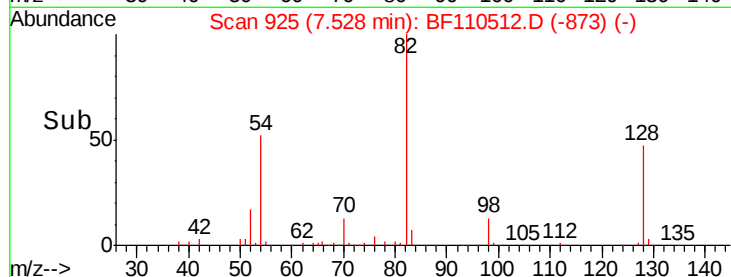
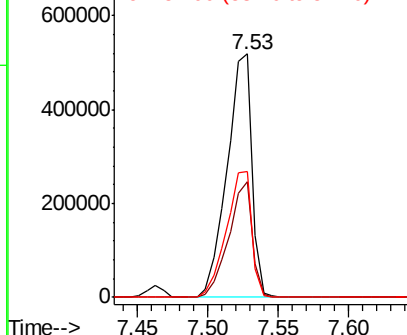
#23
 Nitrobenzene-d5
 Concen: 90.260 ng
 RT: 7.53 min Scan# 925
 Delta R.T. 0.01 min
 Lab File: BF110512.D
 Acq: 6 Nov 2018 13:51

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 635211
 Ion Ratio Lower Upper
 82 100
 128 47.4 34.2 51.2
 54 51.7 38.6 58.0

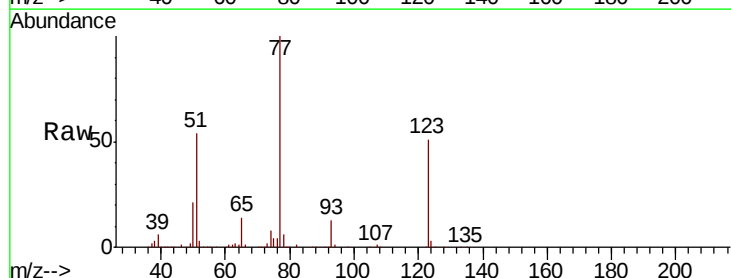


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

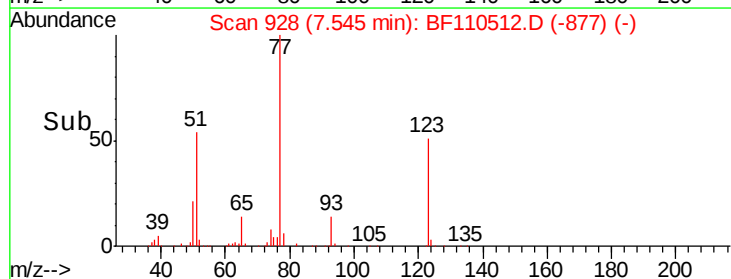
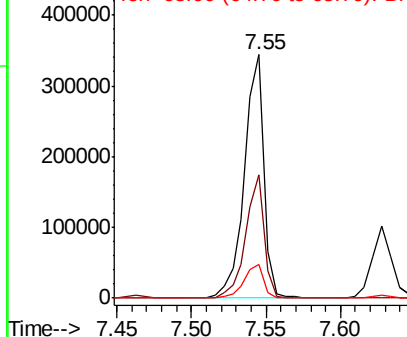


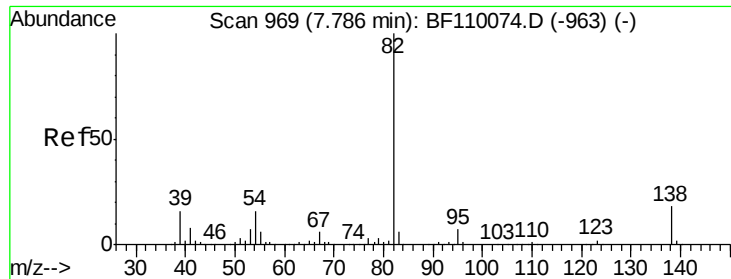
#24
 Nitrobenzene
 Concen: 42.939 ng
 RT: 7.55 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: BF110512.D
 Acq: 6 Nov 2018 13:51

Tgt Ion: 77 Resp: 311987
 Ion Ratio Lower Upper
 77 100
 123 50.5 35.7 53.5
 65 13.7 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: 46.687 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

Instrument :

BNA_F

ClientSampleId :

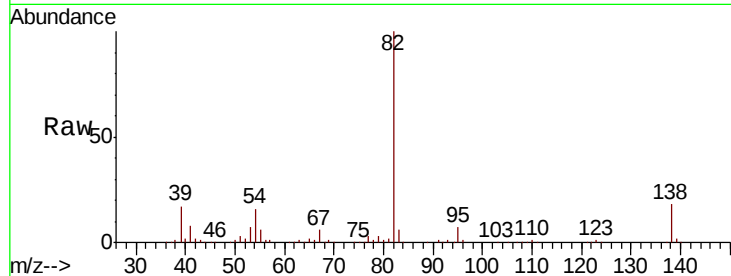
Tot Ion: 82 Resp: 560071

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

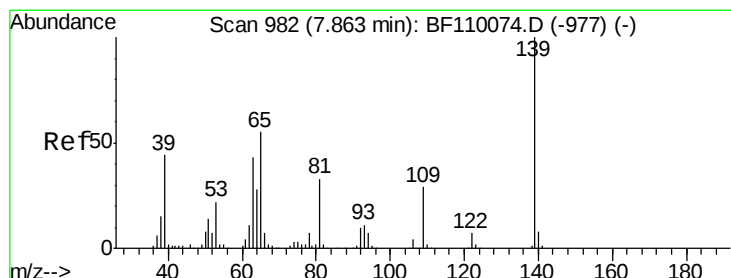
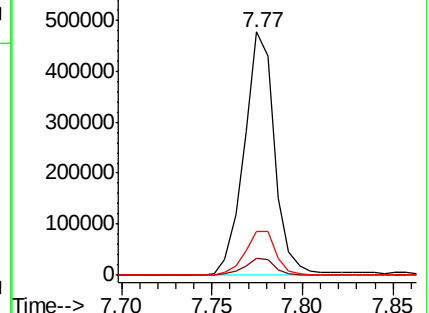
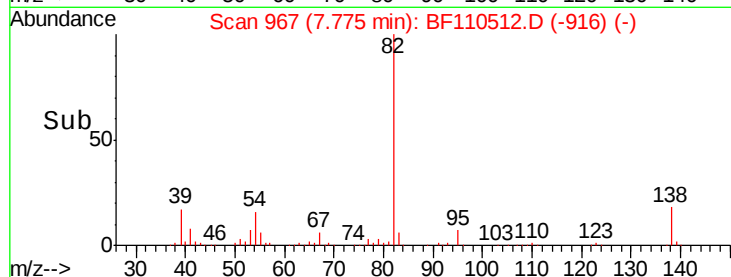
138 17.8 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.127 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

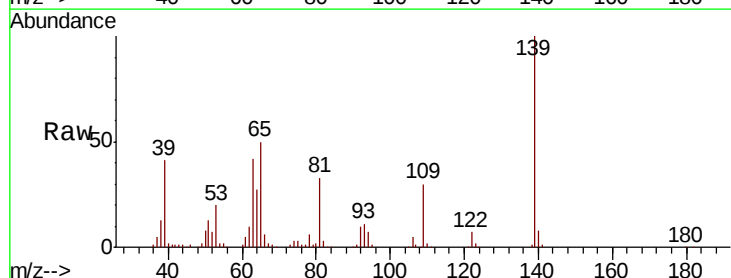
Tgt Ion: 139 Resp: 152573

Ion Ratio Lower Upper

139 100

109 30.5 25.0 37.6

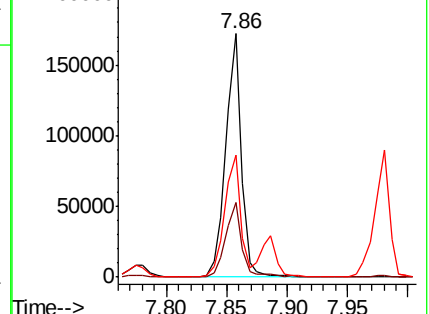
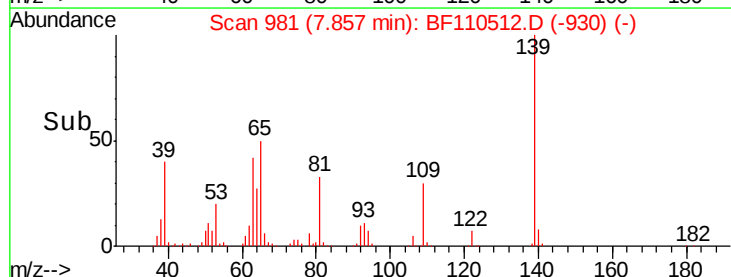
65 50.3 44.0 66.0

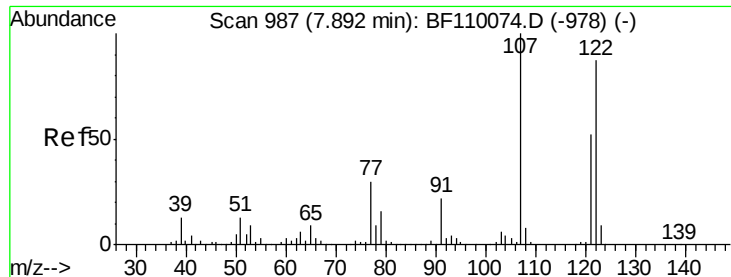


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

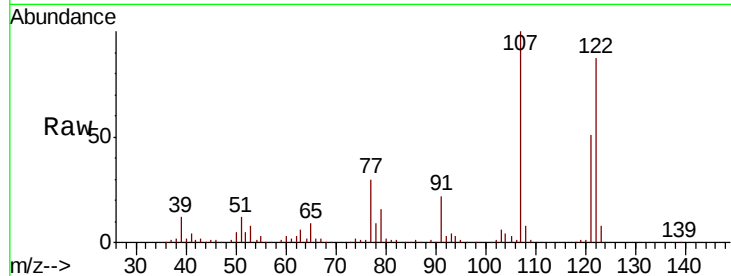




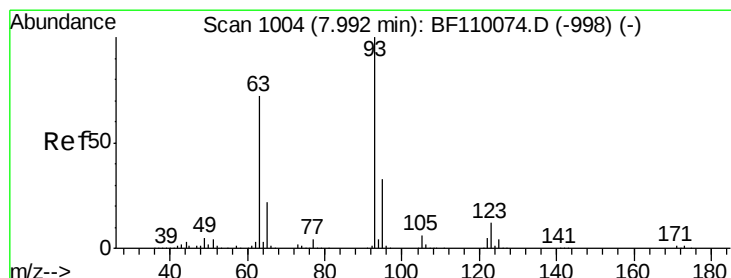
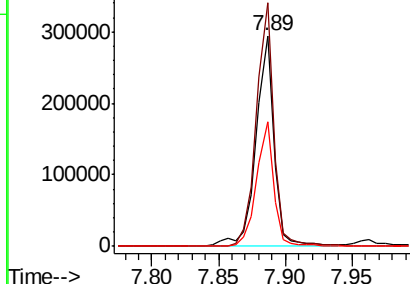
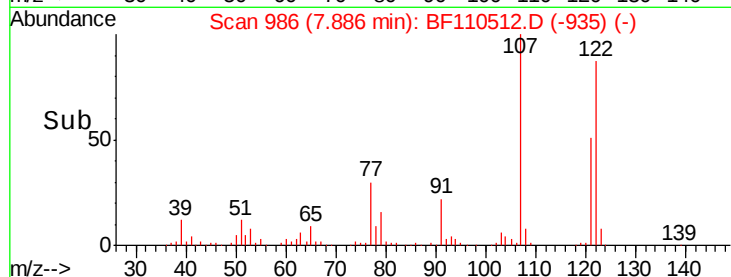
#27
2,4-Dimethylphenol
Concen: 47.540 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 272522
Ion Ratio Lower Upper
122 100
107 115.5 92.5 138.7
121 58.9 45.8 68.8

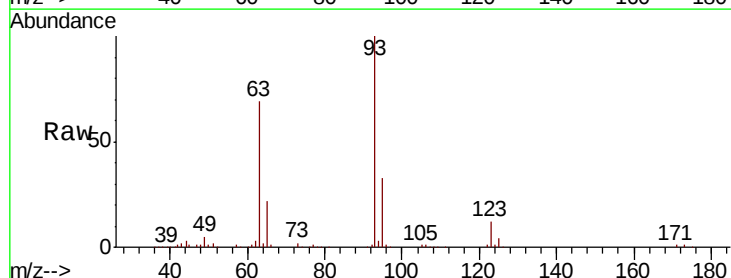


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

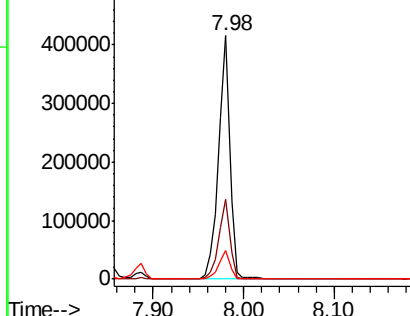
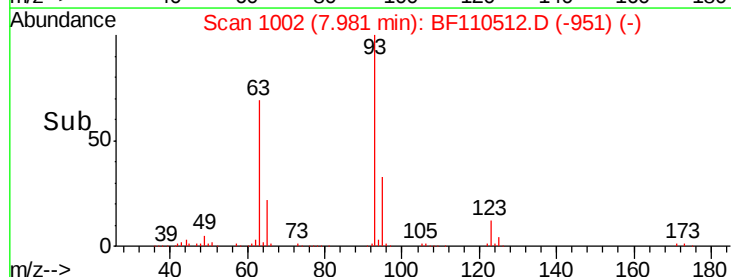


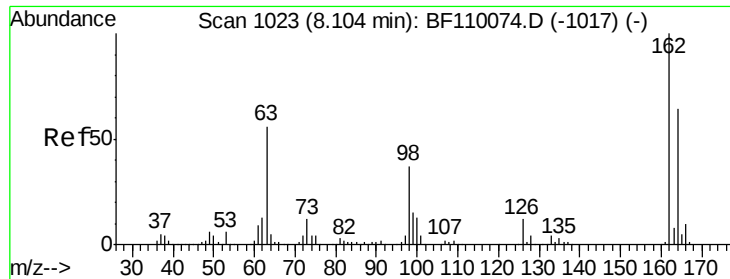
#28
bis(2-Chloroethoxy)methane
Concen: 43.994 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Tgt Ion: 93 Resp: 358532
Ion Ratio Lower Upper
93 100
95 32.9 26.4 39.6
123 11.6 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

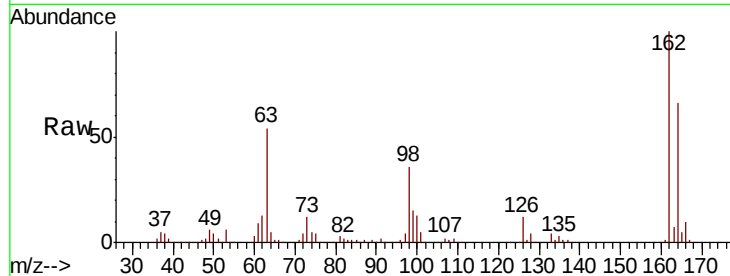




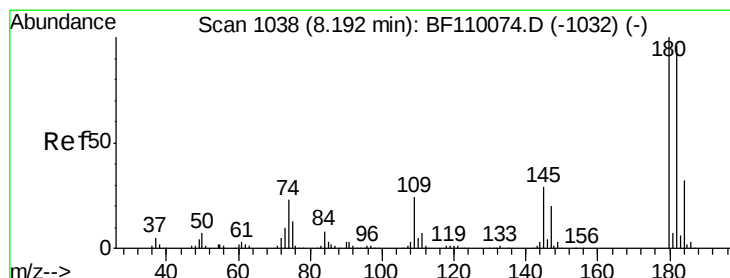
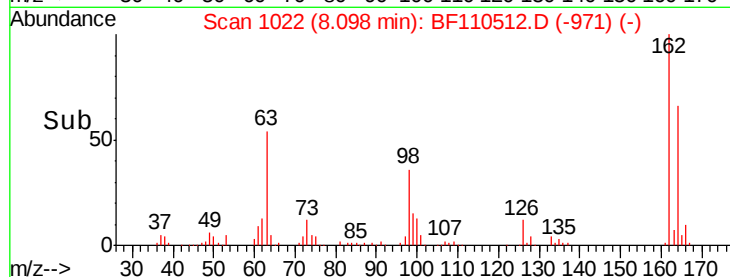
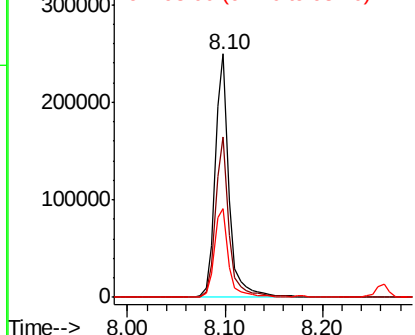
#29
2,4-Dichlorophenol
Concen: 42.510 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.1	44.6	84.6
98	36.3	17.4	57.4

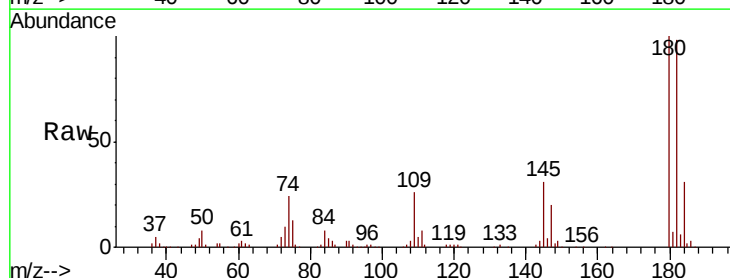


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

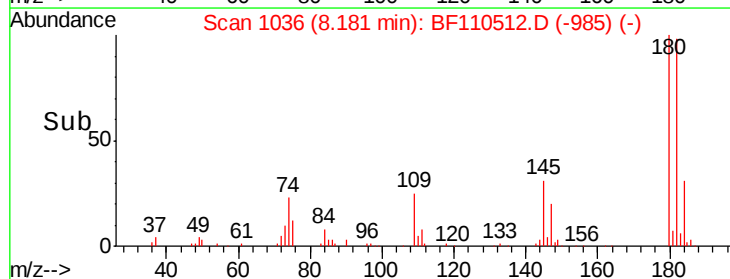
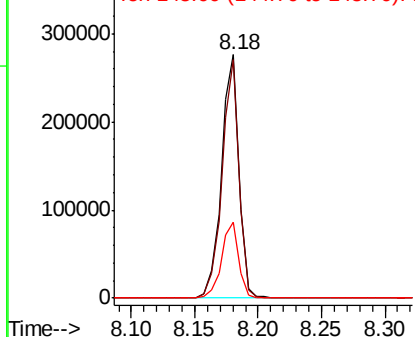


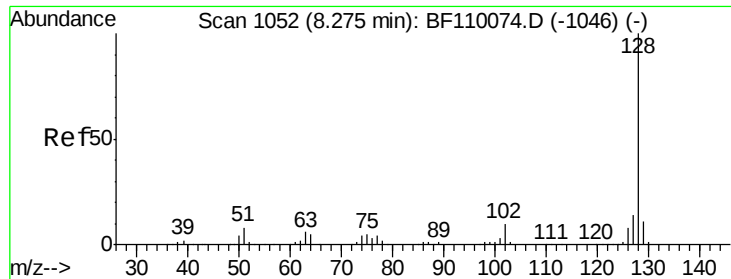
#30
1,2,4-Trichlorobenzene
Concen: 40.933 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.1	80.3	120.5
145	31.4	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

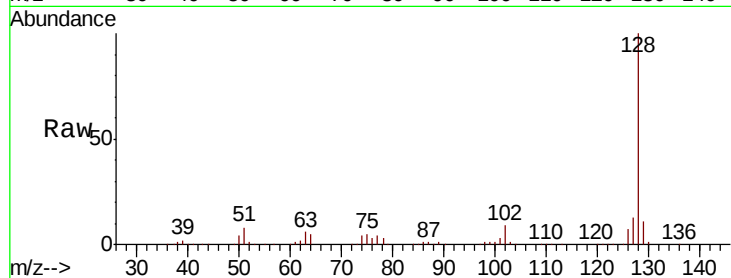




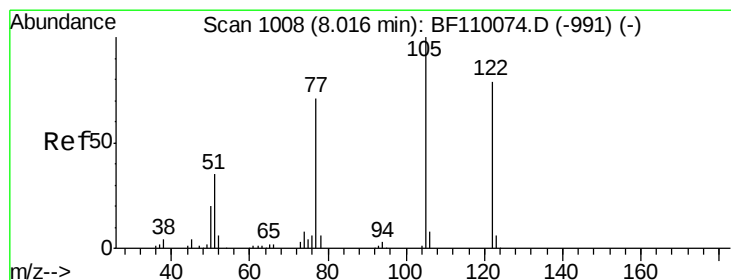
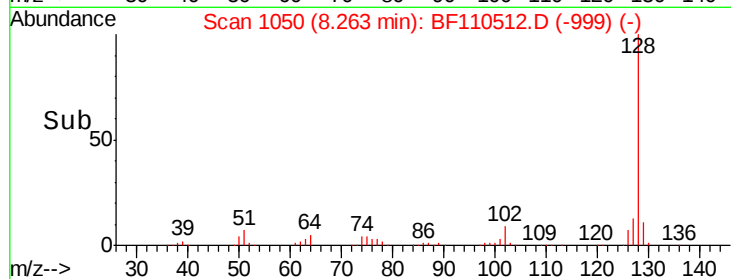
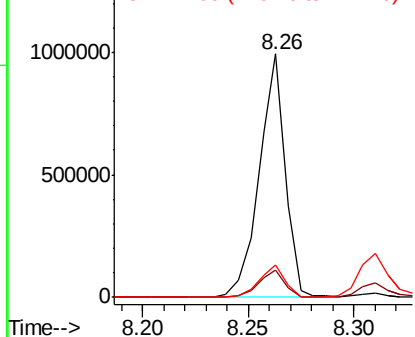
#31
Naphthalene
Concen: 44.250 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 851305
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.3 10.8 16.2

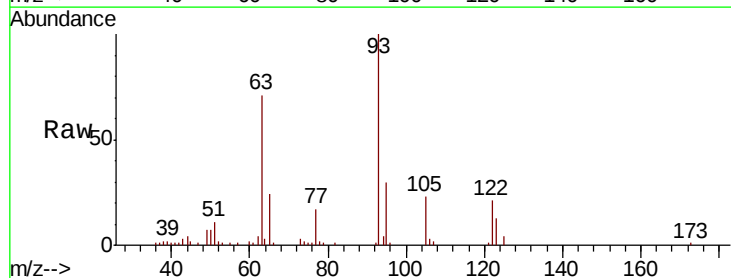


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

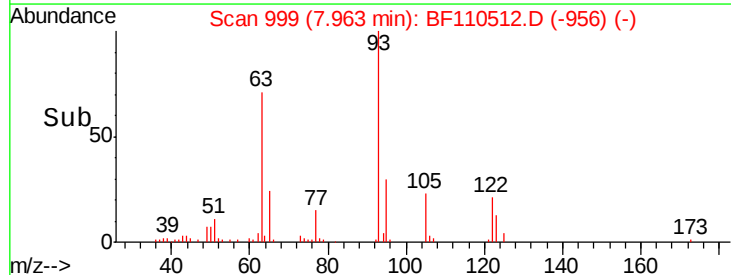
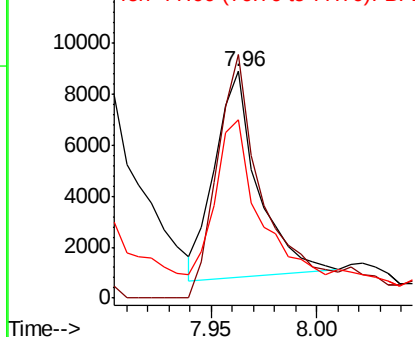


#32
Benzoic acid
Concen: 2.565 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.05 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Tgt Ion:122 Resp: 11364
Ion Ratio Lower Upper
122 100
105 107.5 109.0 149.0#
77 78.7 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

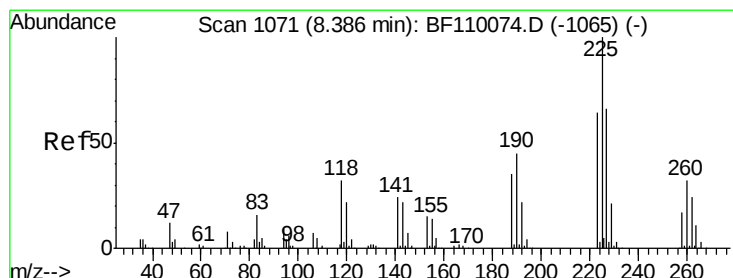
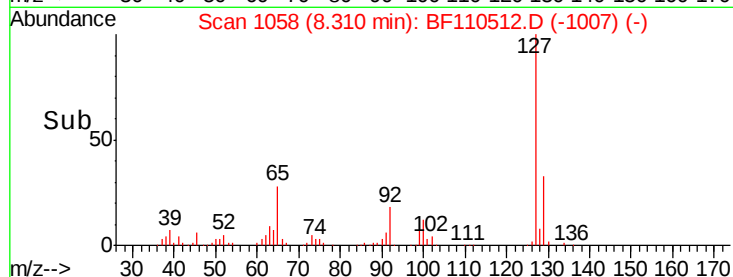
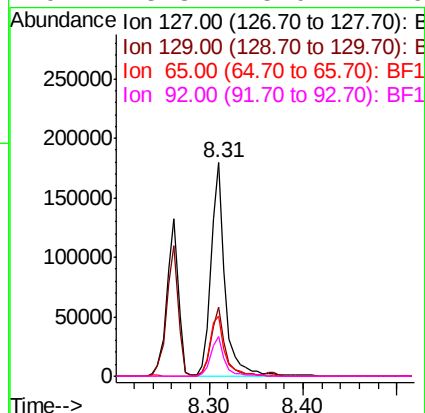
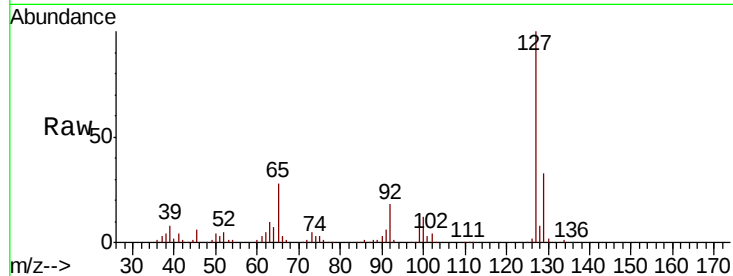




#33
4-Chloroaniline
Concen: 22.059 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

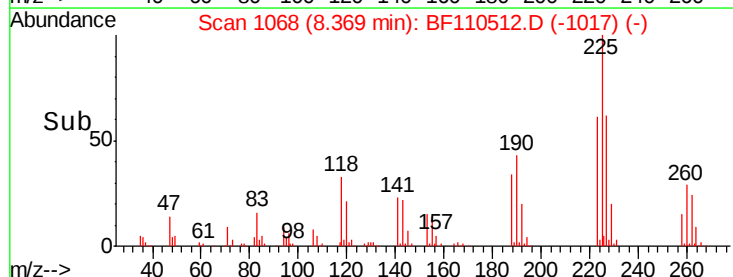
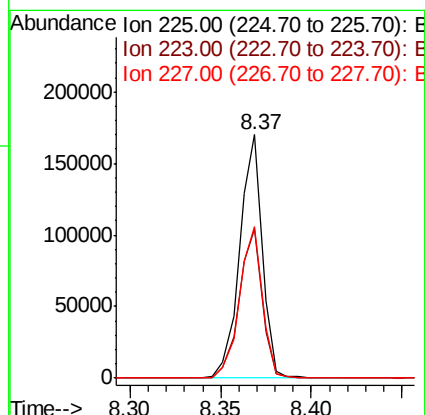
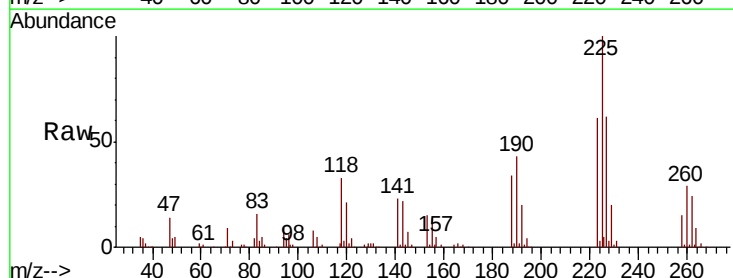
Instrument :
BNA_F
ClientSampleId :

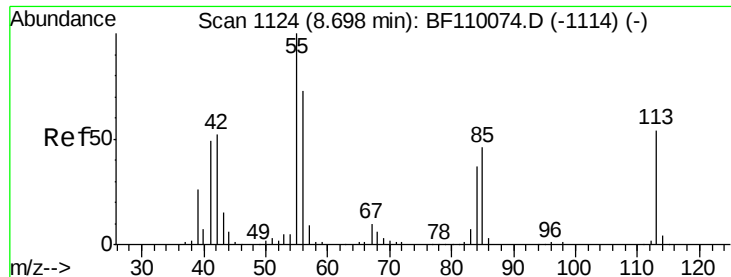
Tot Ion:	127	Resp:	190996
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.0	39.0
65	28.5	25.1	37.7
92	18.3	15.0	22.6



#34
Hexachlorobutadiene
Concen: 40.851 ng
RT: 8.37 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Tgt Ion:	225	Resp:	147141
Ion	Ratio	Lower	Upper
225	100		
223	61.3	51.4	77.2
227	62.3	51.0	76.6

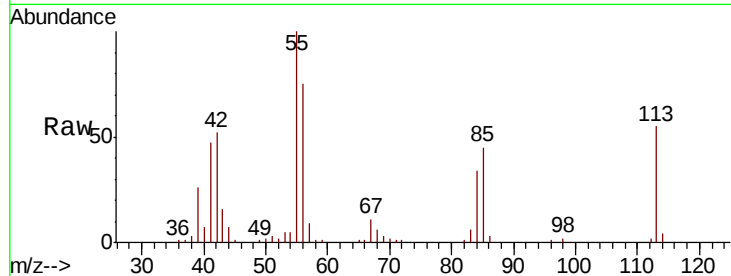




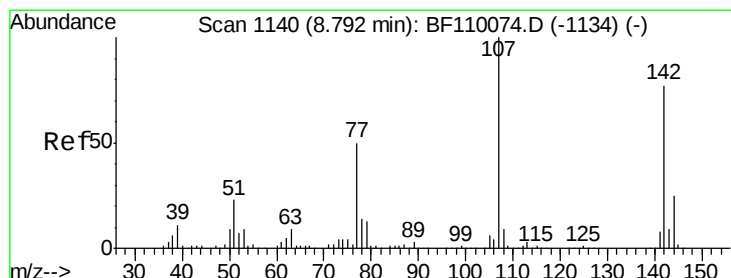
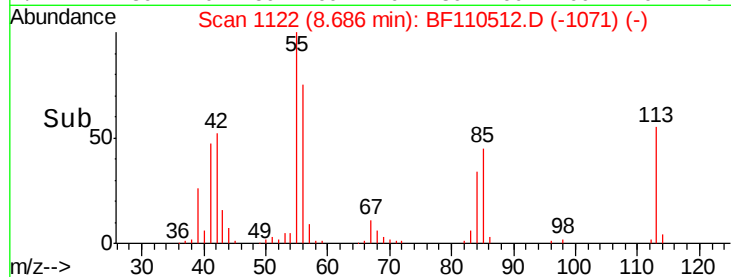
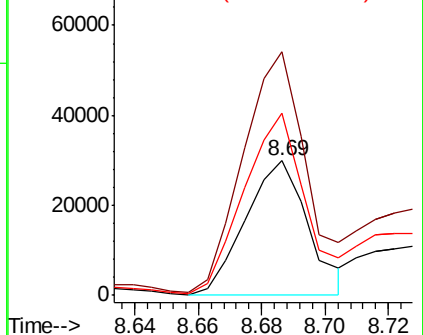
#35
Caprolactam
Concen: 20.280 ng
RT: 8.69 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 40937
Ion Ratio Lower Upper
113 100
55 181.2 142.8 182.8
56 135.7 105.0 145.0

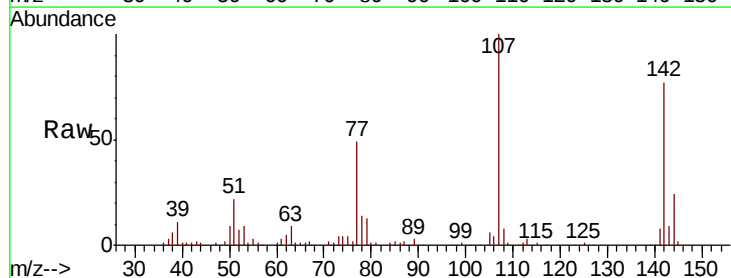


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

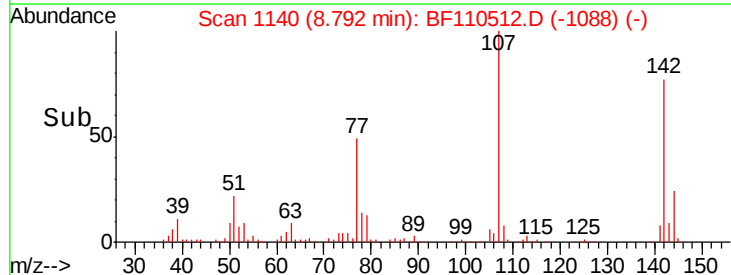
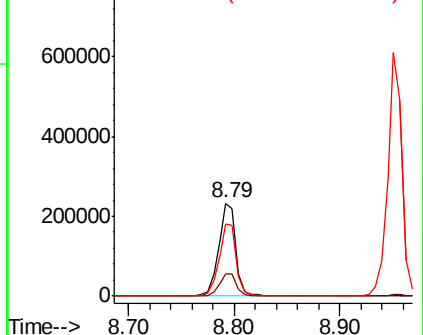


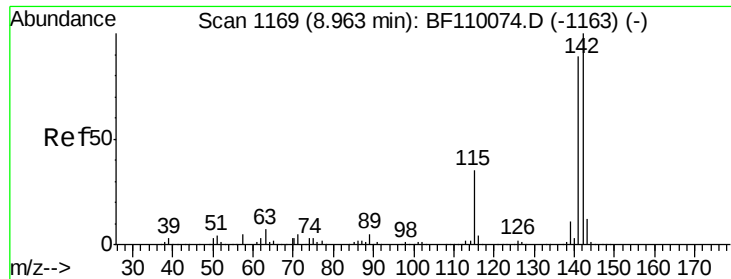
#36
4-Chloro-3-methylphenol
Concen: 42.286 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Tgt Ion:107 Resp: 264823
Ion Ratio Lower Upper
107 100
144 24.4 20.0 30.0
142 76.9 59.7 89.5



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

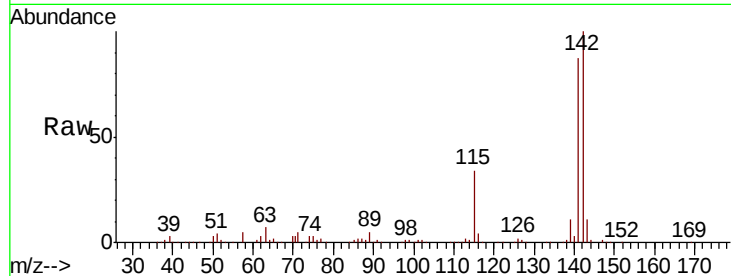




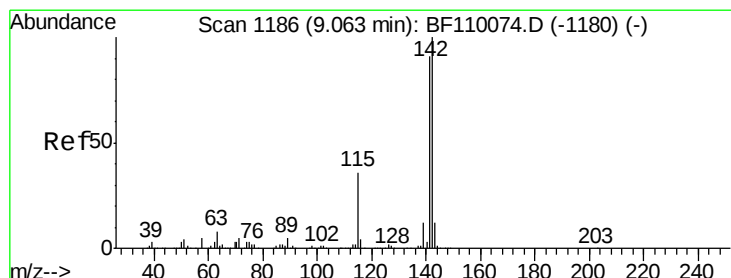
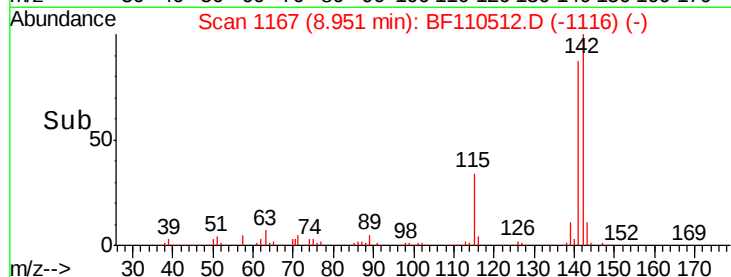
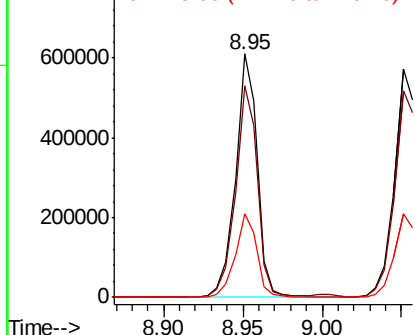
#37
2-Methylnaphthalene
Concen: 45.443 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 578436
Ion Ratio Lower Upper
142 100
141 87.2 71.4 107.2
115 34.4 28.7 43.1

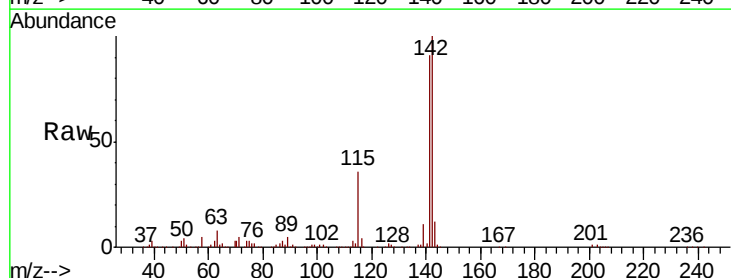


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

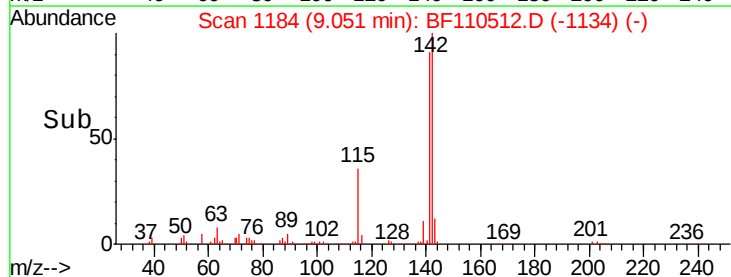
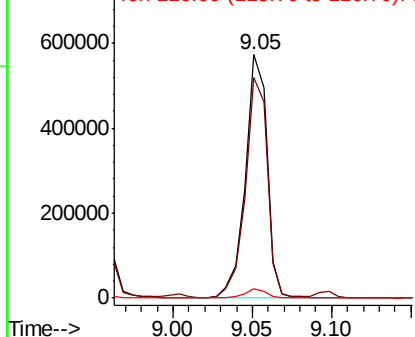


#38
1-Methylnaphthalene
Concen: 43.894 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Tgt Ion:142 Resp: 539927
Ion Ratio Lower Upper
142 100
141 90.6 74.2 111.4
116 3.9 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: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

Instrument :

BNA_F

ClientSampleId :

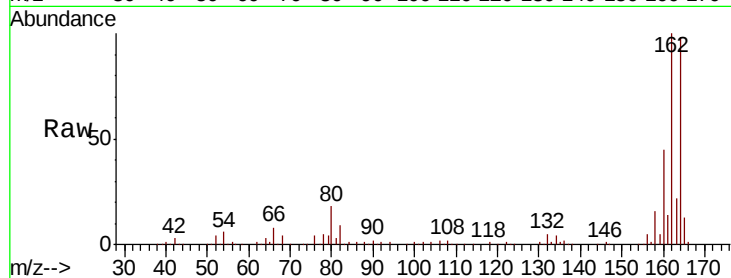
Tot Ion:164 Resp: 185865

Ion Ratio Lower Upper

164 100

162 102.4 83.0 124.6

160 46.1 37.0 55.6

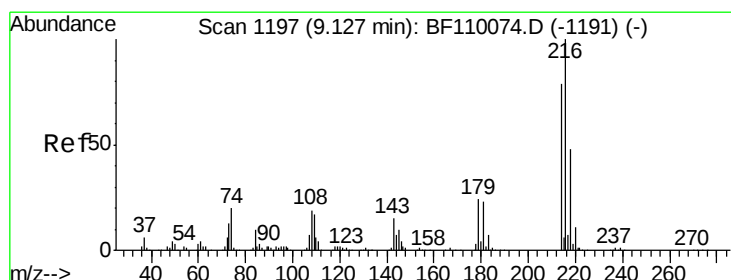
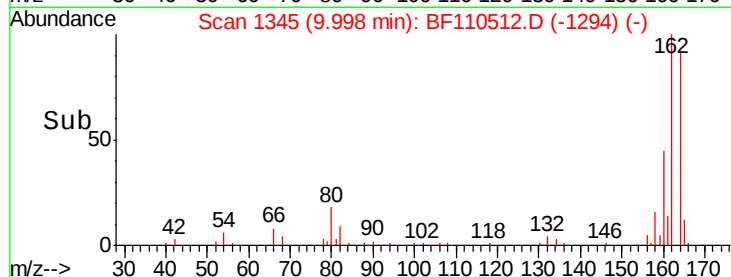
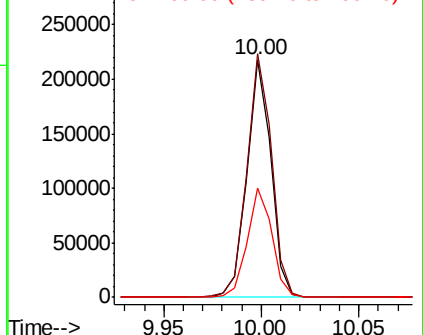


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.407 ng

RT: 9.12 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

Tgt Ion:216 Resp: 245586

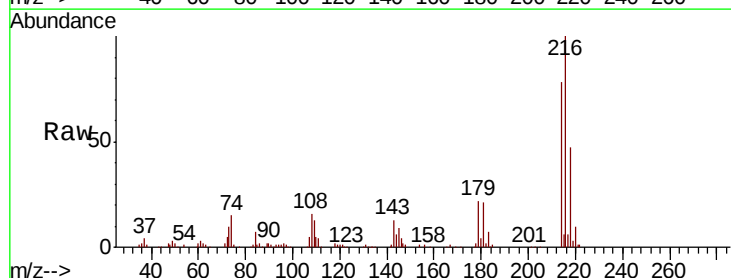
Ion Ratio Lower Upper

216 100

214 79.2 63.8 95.6

179 23.0 16.6 25.0

108 19.6 15.1 22.7



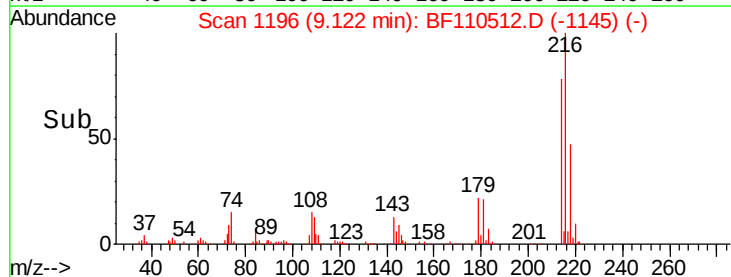
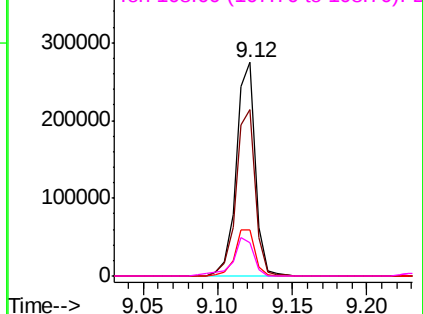
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 31.232 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

Instrument :

BNA_F

ClientSampled :

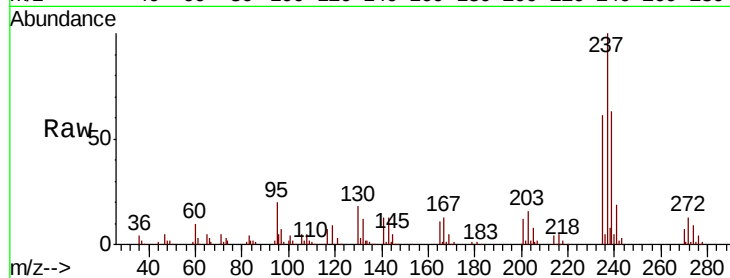
Tot Ion:237 Resp: 92486

Ion Ratio Lower Upper

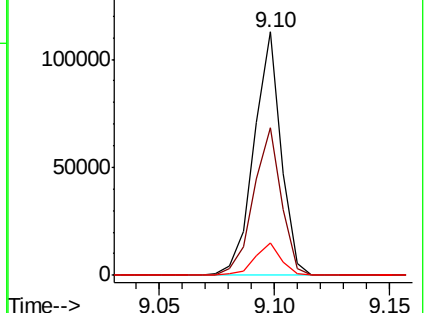
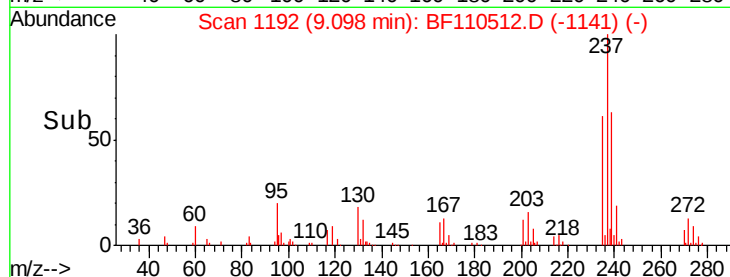
237 100

235 60.9 43.1 83.1

272 13.1 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: 111.473 ng

RT: 10.80 min Scan# 1481

Delta R.T. 0.01 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

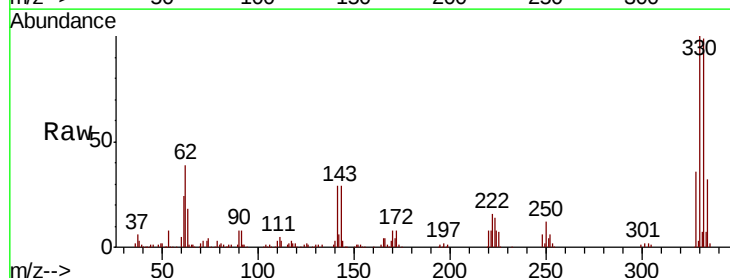
Tgt Ion:330 Resp: 205235

Ion Ratio Lower Upper

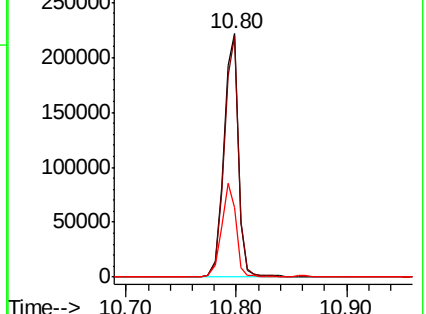
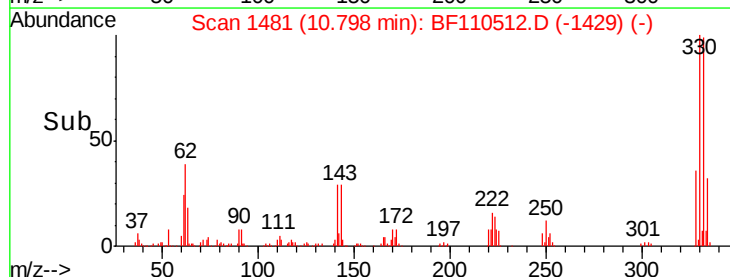
330 100

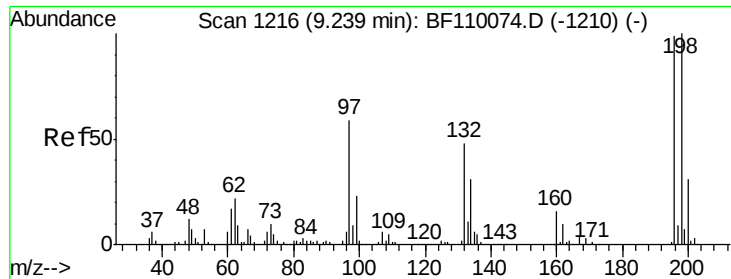
332 97.1 77.1 115.7

141 37.9 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

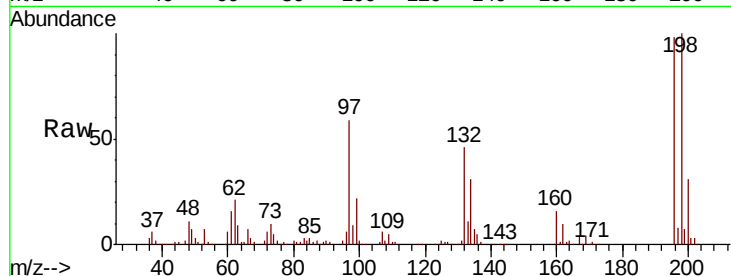




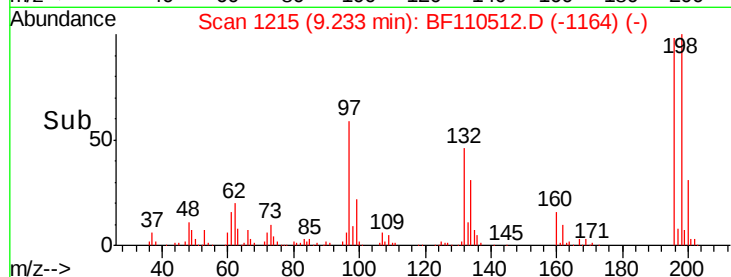
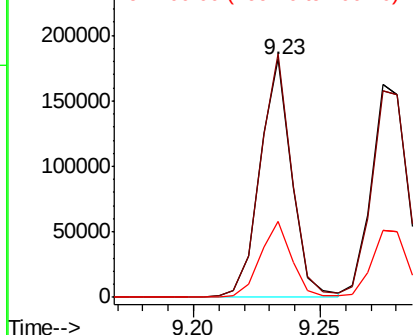
#43
 2,4,6-Trichlorophenol
 Concen: 42.766 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF110512.D
 Acq: 6 Nov 2018 13:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	159742
Ion Ratio	Lower	Upper	
196	100		
198	102.2	76.2	114.4
200	32.0	24.4	36.6



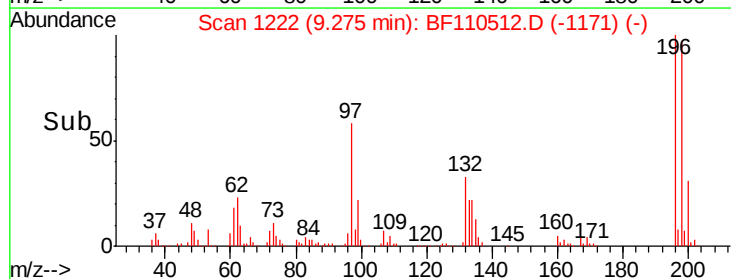
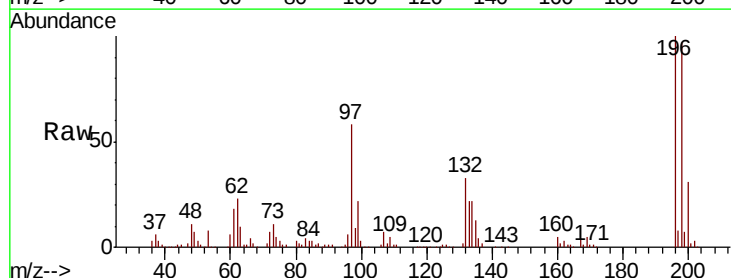
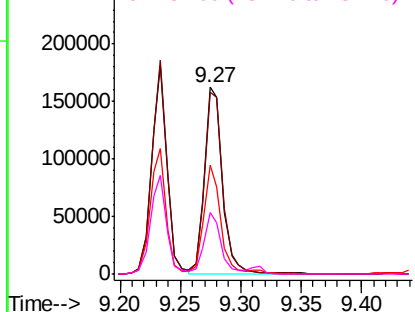
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

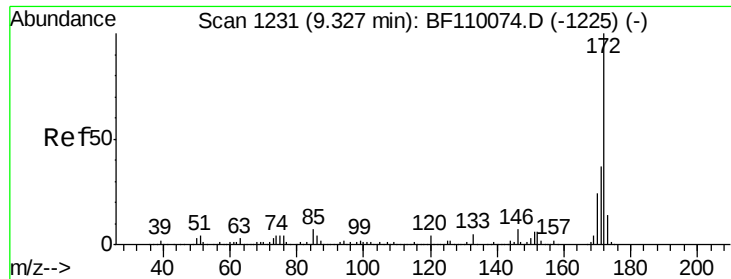


#44
 2,4,5-Trichlorophenol
 Concen: 42.893 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF110512.D
 Acq: 6 Nov 2018 13:51

Tgt Ion	196	Resp	169353
Ion Ratio	Lower	Upper	
196	100		
198	97.3	75.8	113.6
97	58.4	42.4	63.6
132	33.1	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

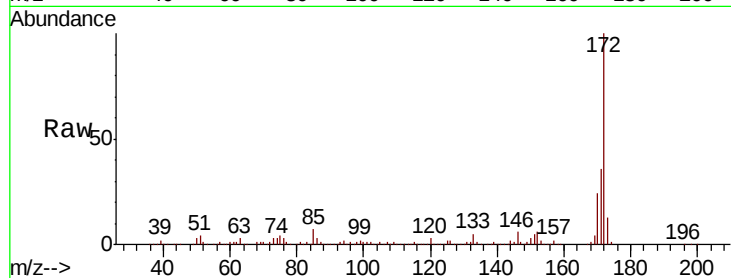




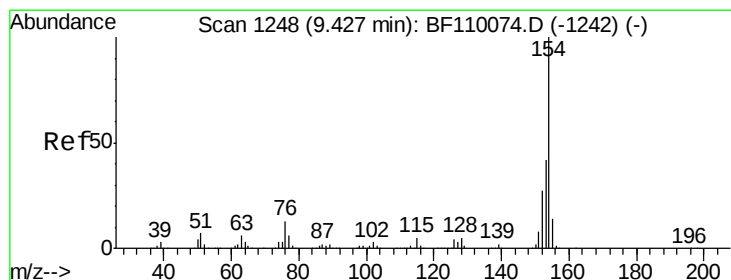
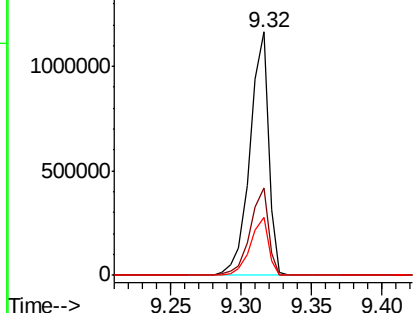
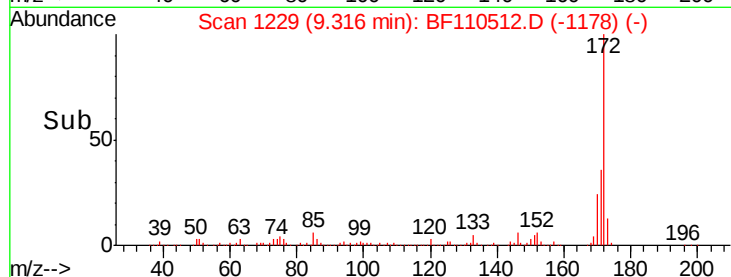
#45
 2-Fluorobiphenyl
 Concen: 91.498 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF110512.D
 Acq: 6 Nov 2018 13:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1083029
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 23.8 19.7 29.5

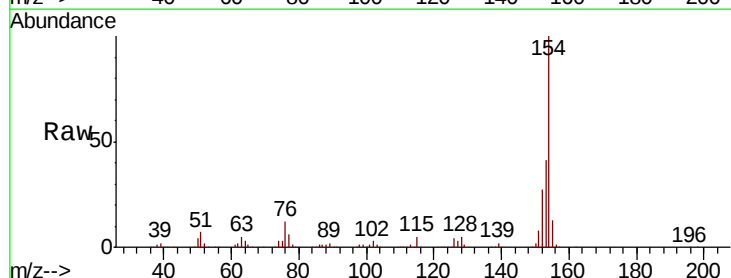


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

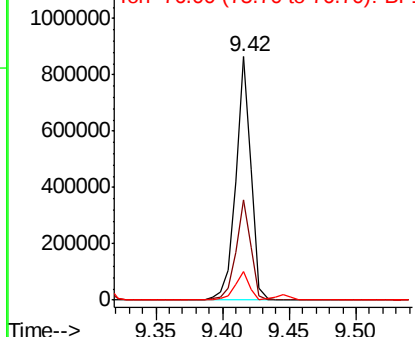
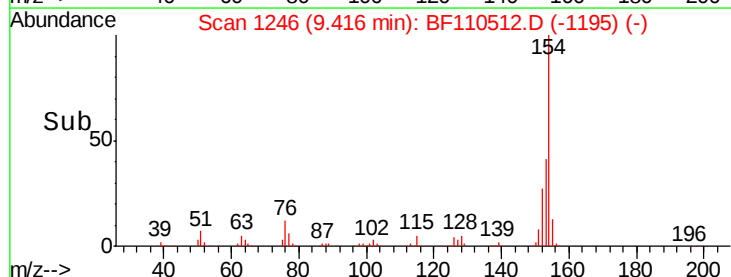


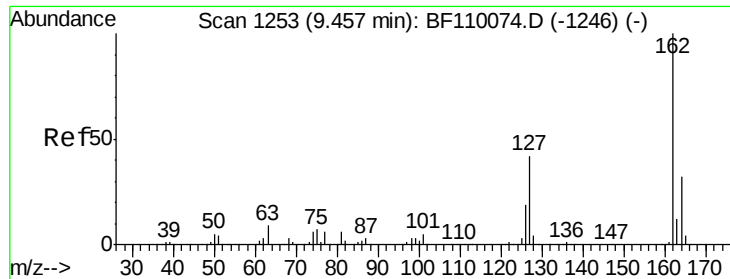
#46
 1,1'-Biphenyl
 Concen: 40.859 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BF110512.D
 Acq: 6 Nov 2018 13:51

Tgt Ion:154 Resp: 686748
 Ion Ratio Lower Upper
 154 100
 153 41.0 20.4 60.4
 76 11.6 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

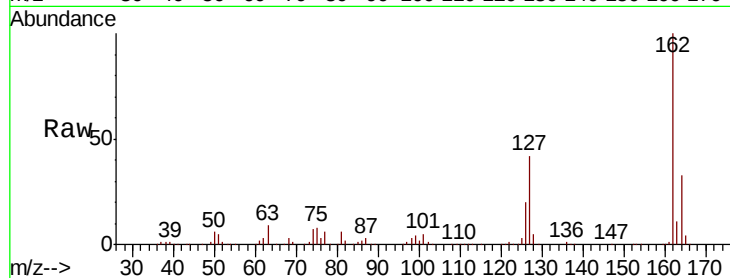




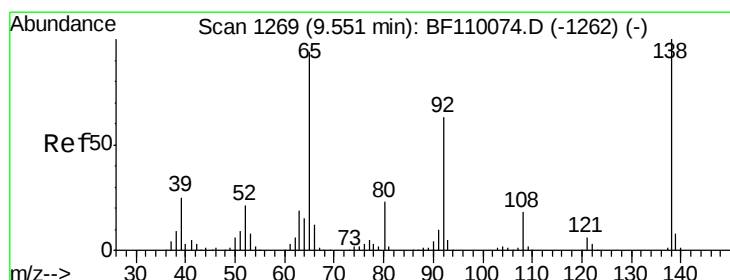
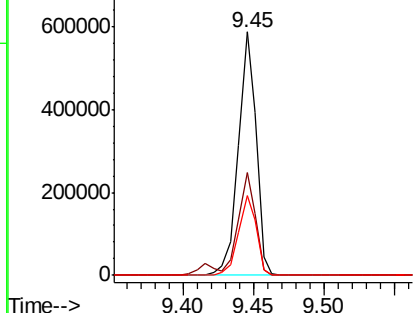
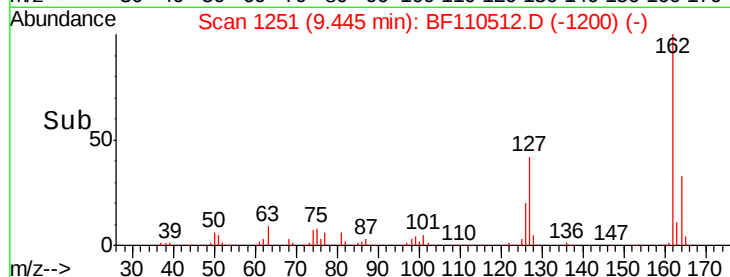
#47
 2-Chloronaphthalene
 Concen: 41.790 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF110512.D
 Acq: 6 Nov 2018 13:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.4	32.6	48.8
164	33.0	25.9	38.9

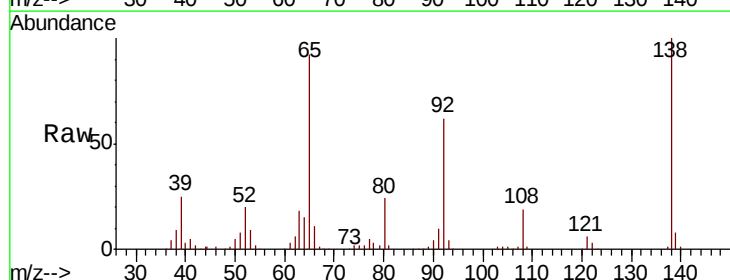


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

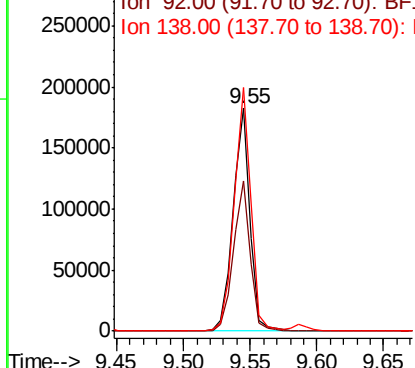
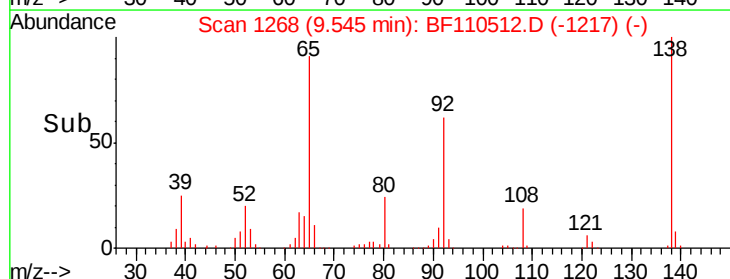


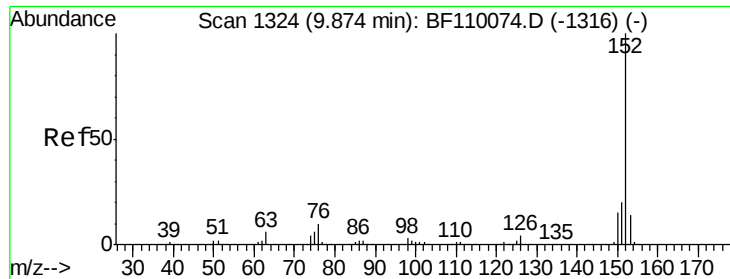
#48
 2-Nitroaniline
 Concen: 43.802 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: BF110512.D
 Acq: 6 Nov 2018 13:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.6	54.6	81.8
138	109.2	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: 44.140 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

Instrument :

BNA_F

ClientSampleId :

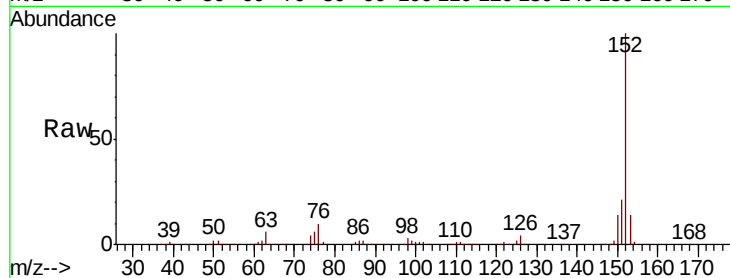
Tot Ion:152 Resp: 786020

Ion Ratio Lower Upper

152 100

151 20.7 15.8 23.8

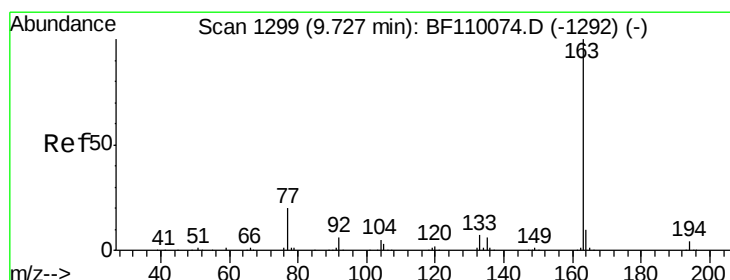
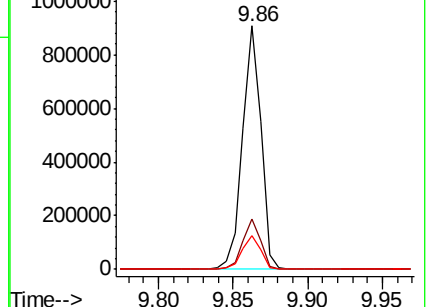
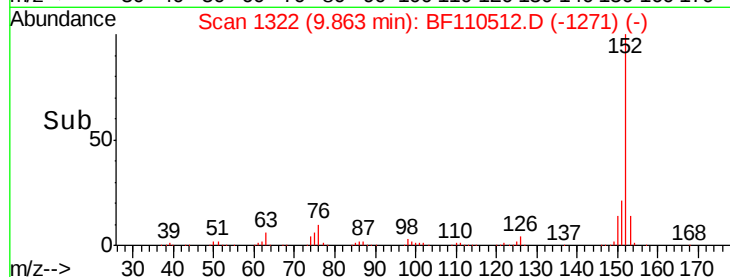
153 13.9 10.4 15.6



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: 56.910 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

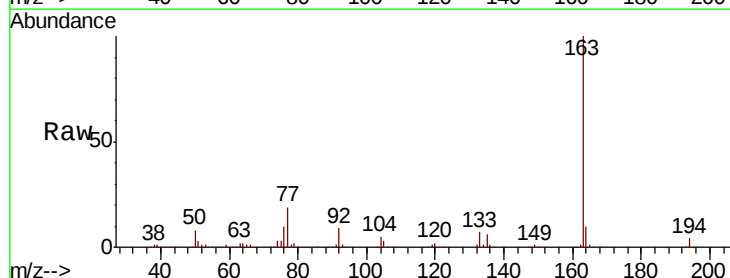
Tgt Ion:163 Resp: 780813

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

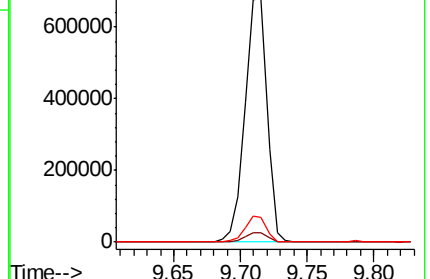
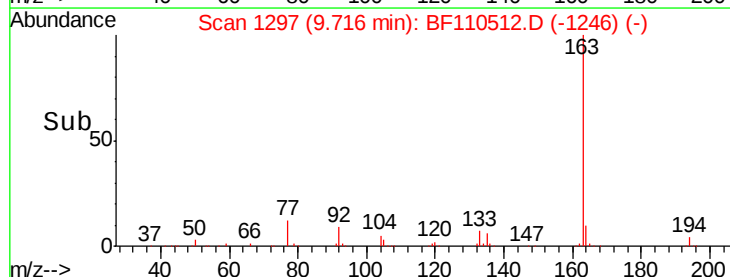
164 10.1 8.1 12.1

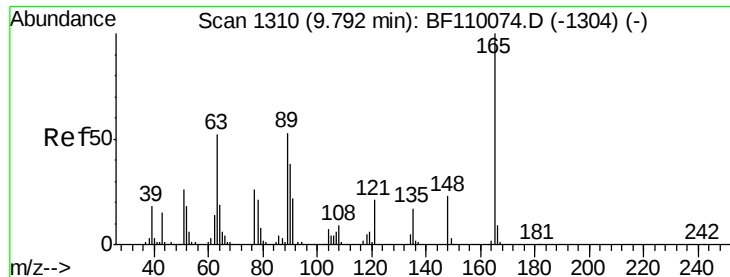


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

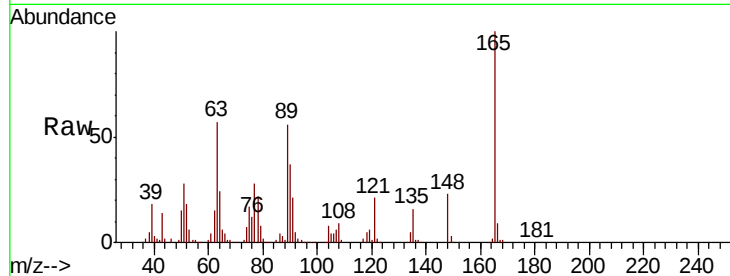




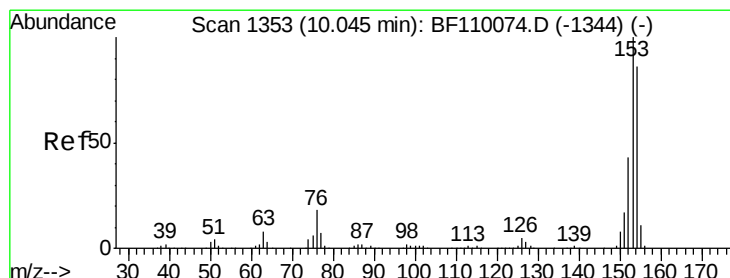
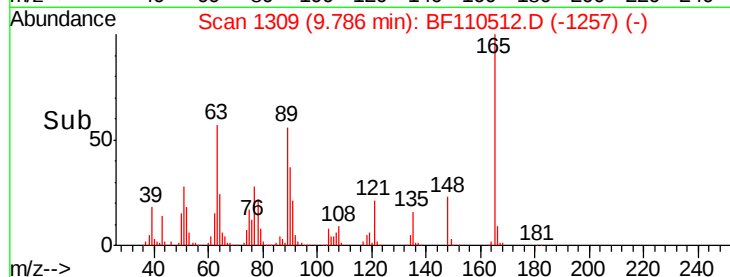
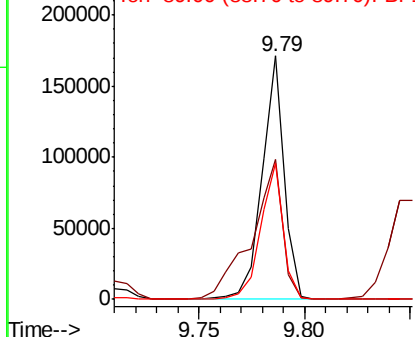
#51
2,6-Dinitrotoluene
Concen: 42.368 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 125213
Ion Ratio Lower Upper
165 100
63 57.3 48.9 73.3
89 55.7 46.6 69.8

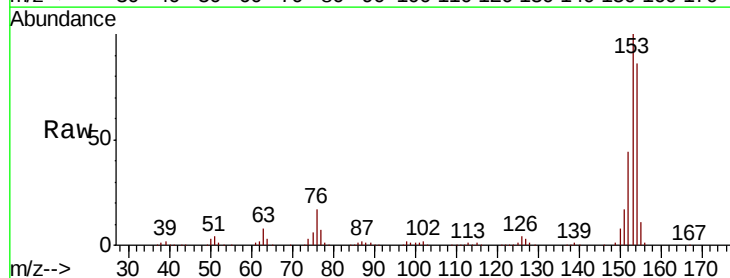


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

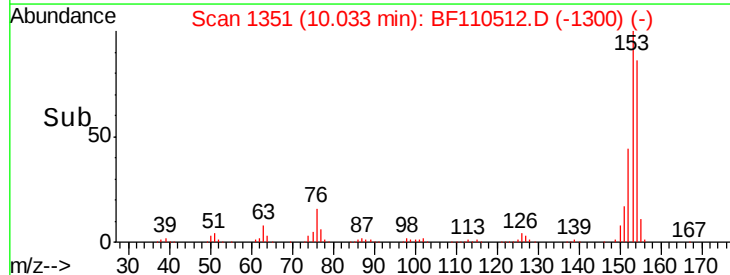
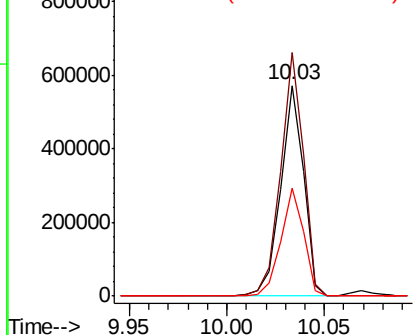


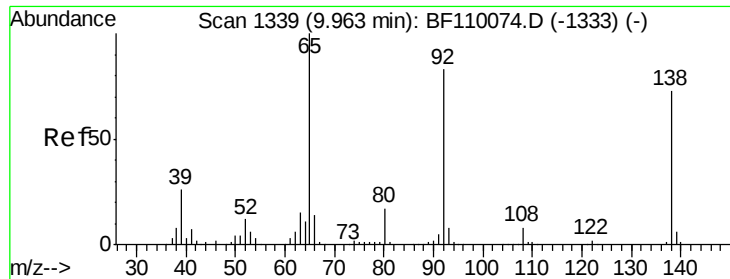
#52
Acenaphthene
Concen: 39.505 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Tgt Ion:154 Resp: 465387
Ion Ratio Lower Upper
154 100
153 115.7 90.1 135.1
152 51.1 43.4 65.2



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

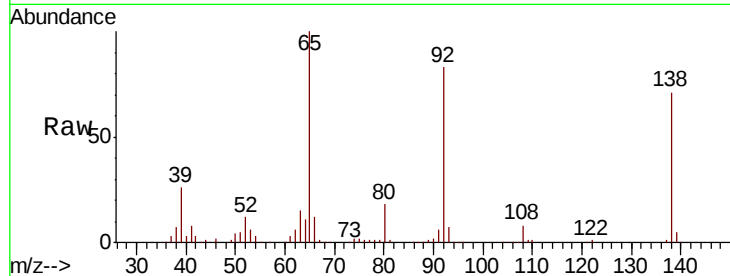




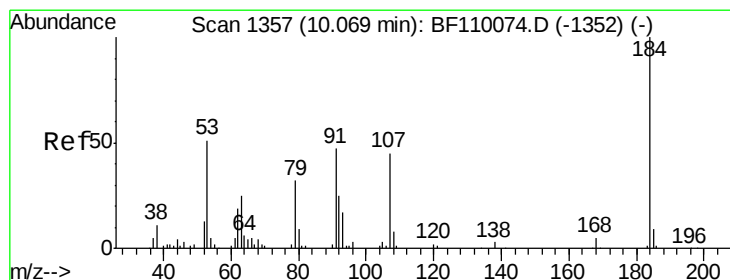
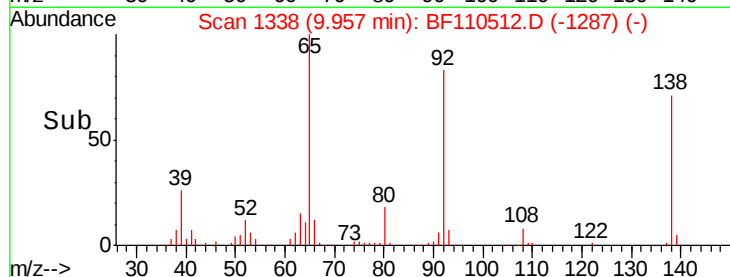
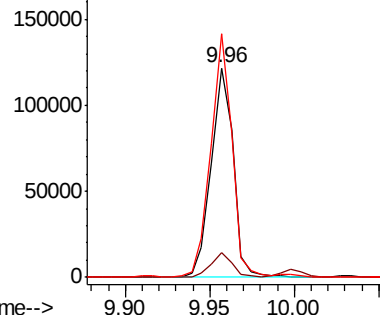
#53
3-Nitroaniline
Concen: 31.504 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 110720
Ion Ratio Lower Upper
138 100
108 11.6 8.7 13.1
92 116.2 97.0 145.4

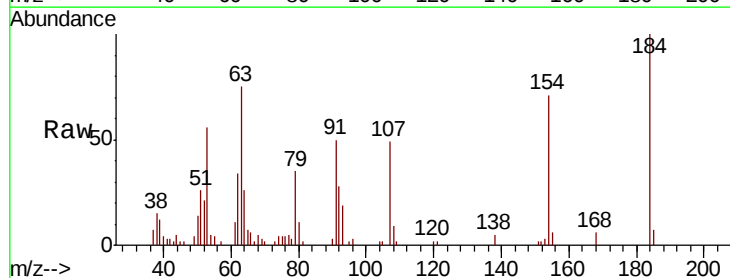


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

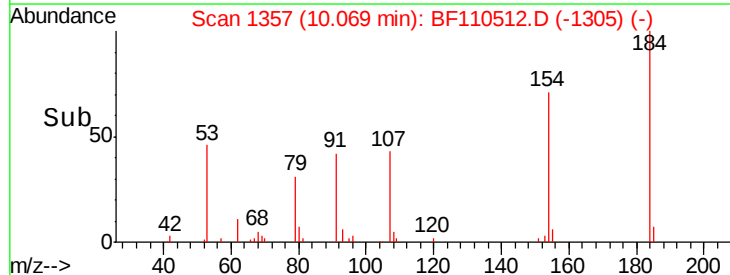
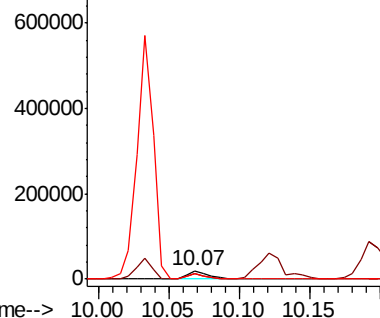


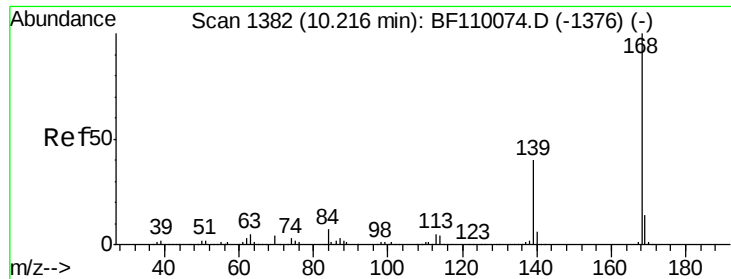
#54
2,4-Dinitrophenol
Concen: 21.080 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Tgt Ion:184 Resp: 19945
Ion Ratio Lower Upper
184 100
63 74.6 55.8 83.6
154 70.9 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

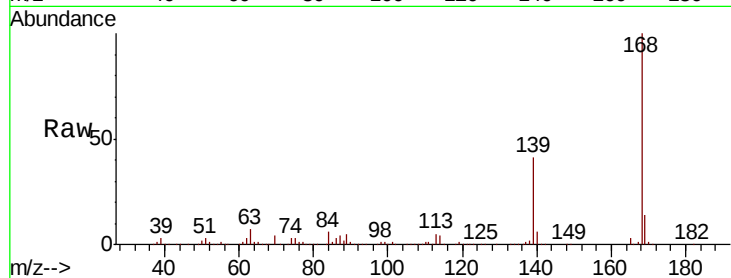




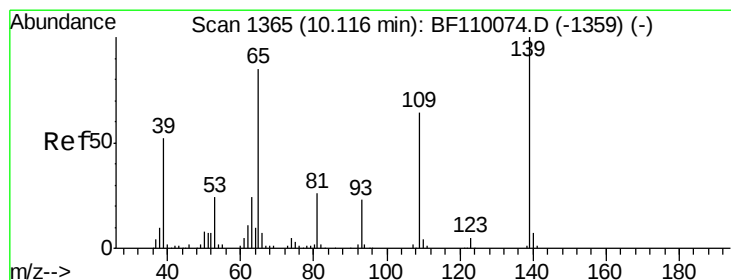
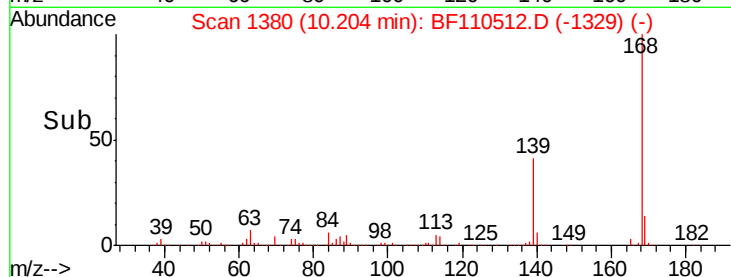
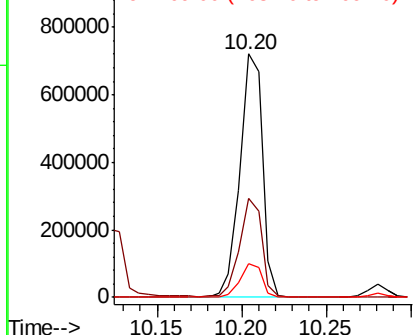
#55
Dibenzofuran
Concen: 40.811 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 673116
Ion Ratio Lower Upper
168 100
139 40.6 33.0 49.6
169 13.9 11.3 16.9

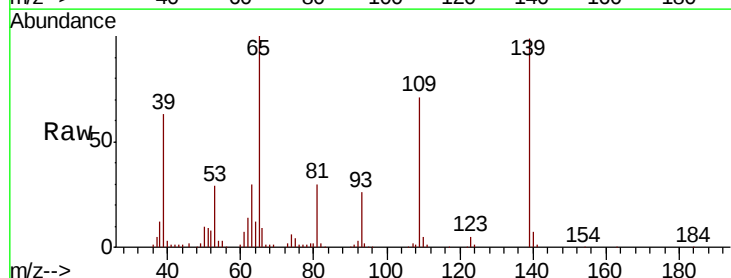


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

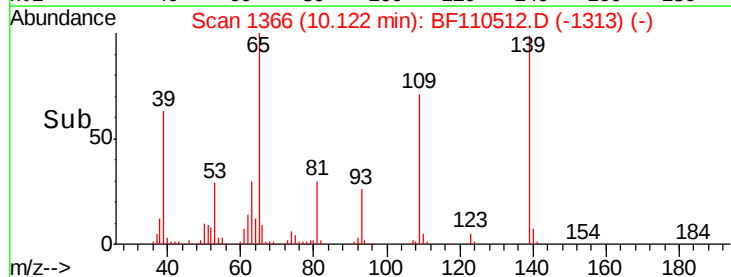
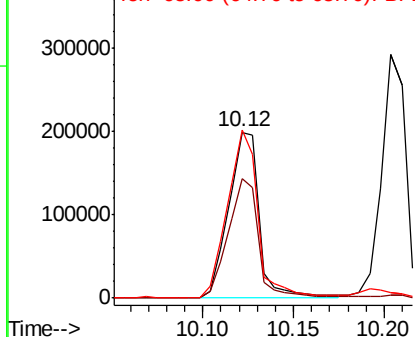


#56
4-Nitrophenol
Concen: 90.494 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Tgt Ion:139 Resp: 235386
Ion Ratio Lower Upper
139 100
109 72.4 55.8 95.8
65 101.5 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

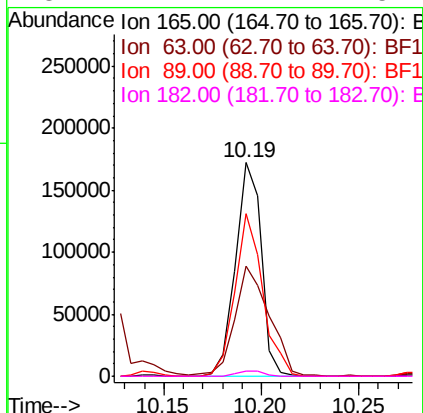
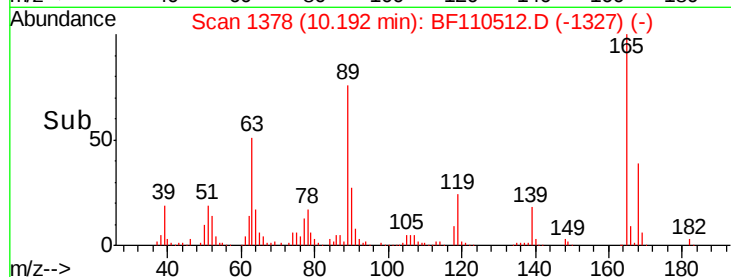
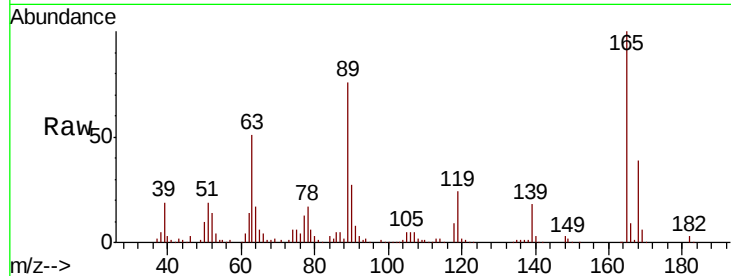




#57
2,4-Dinitrotoluene
Concen: 42.112 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

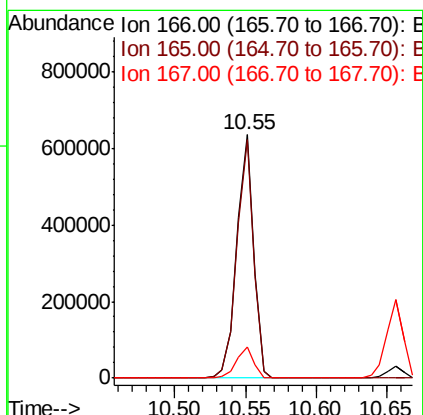
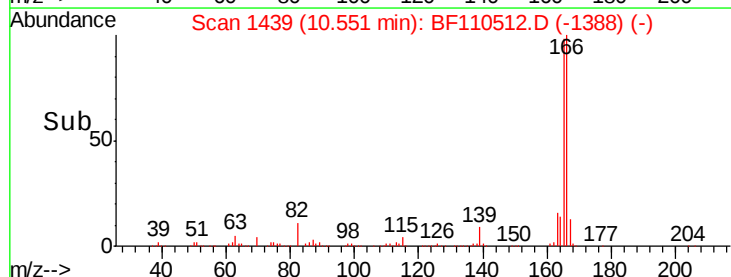
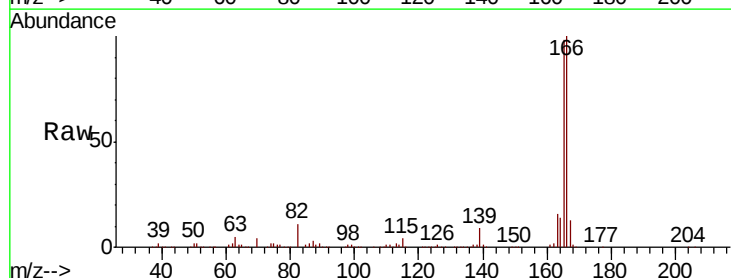
Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	158082
Ion Ratio	Lower	Upper
165	100	
63	51.3	44.8 67.2
89	76.1	62.2 93.4
182	2.7	2.1 3.1



#58
Fluorene
Concen: 42.997 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Tgt Ion:166	Resp:	527804
Ion Ratio	Lower	Upper
166	100	
165	98.1	78.6 117.8
167	12.9	10.8 16.2

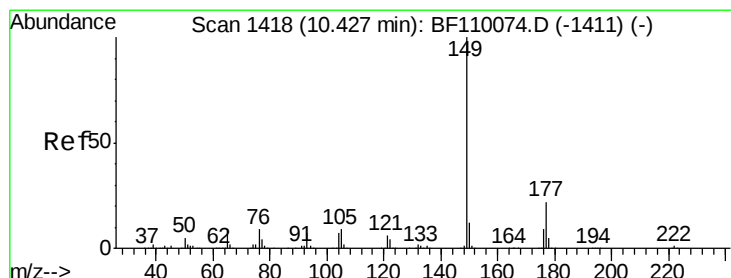
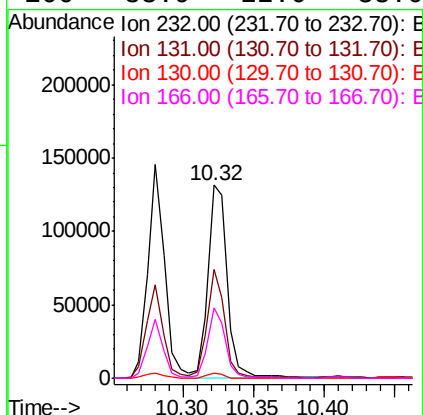
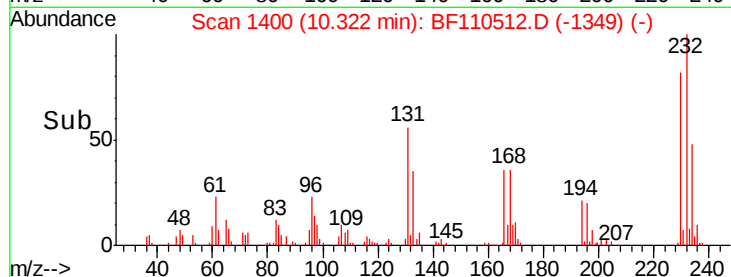
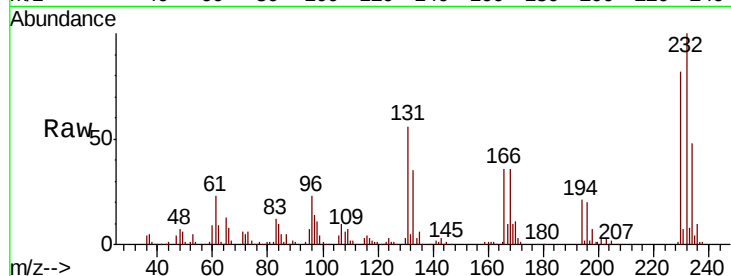




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.861 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF110512.D
 Acq: 6 Nov 2018 13:51

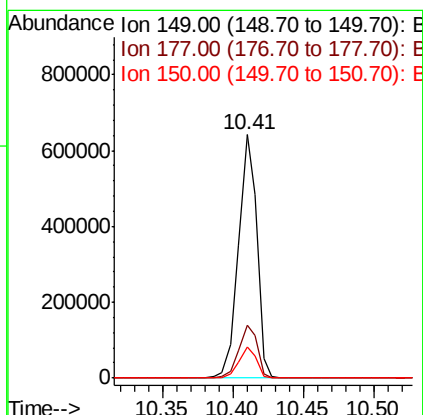
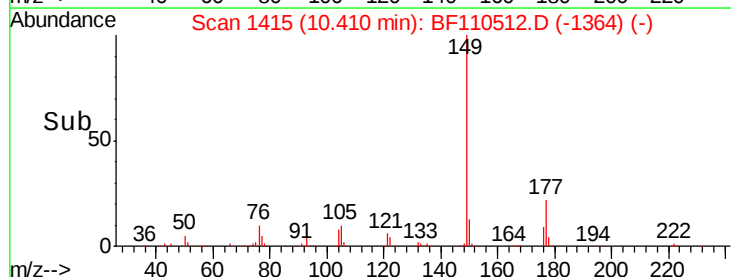
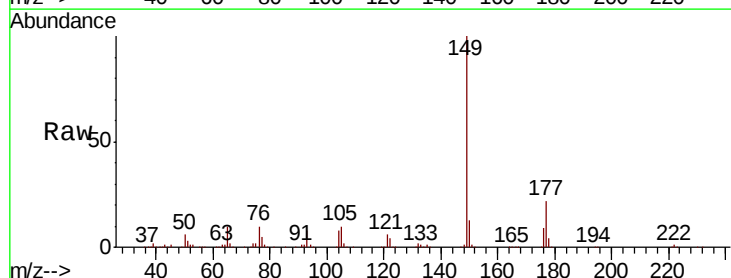
Instrument :
 BNA_F
 ClientSampled :

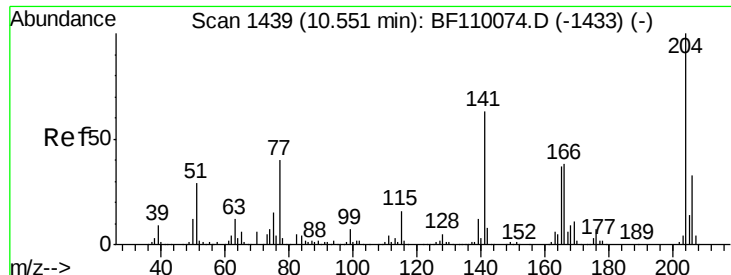
Tot Ion:232 Resp: 125062
 Ion Ratio Lower Upper
 232 100
 131 50.5 37.0 55.4
 130 2.4 1.8 2.6
 166 33.9 22.0 33.0#



#60
 Diethylphthalate
 Concen: 43.289 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: BF110512.D
 Acq: 6 Nov 2018 13:51

Tgt Ion:149 Resp: 579767
 Ion Ratio Lower Upper
 149 100
 177 21.6 17.4 26.2
 150 12.6 9.8 14.8

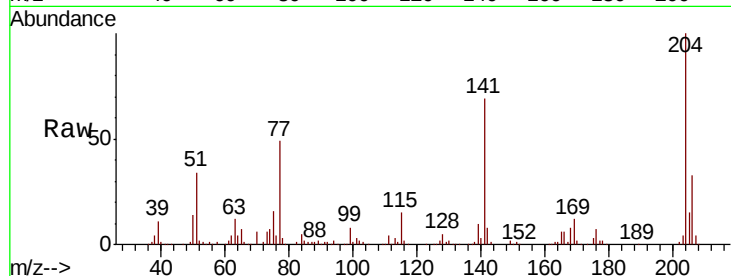




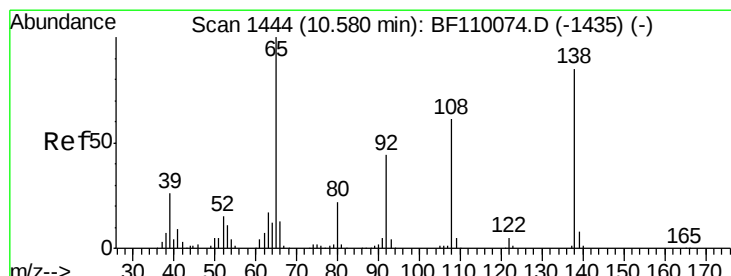
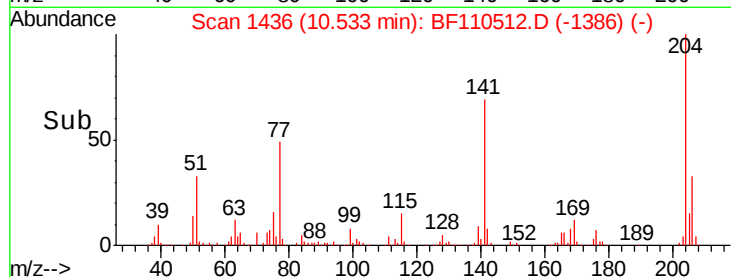
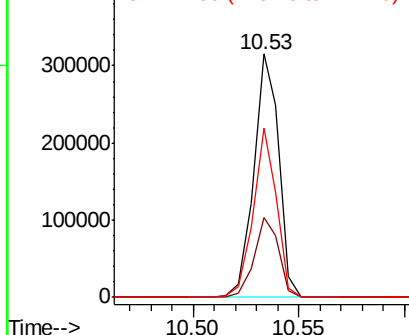
#61
 4-Chlorophenyl-phenylether
 Concen: 39.990 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF110512.D
 Acq: 6 Nov 2018 13:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 258960
 Ion Ratio Lower Upper
 204 100
 206 32.8 26.5 39.7
 141 69.5 51.8 77.8

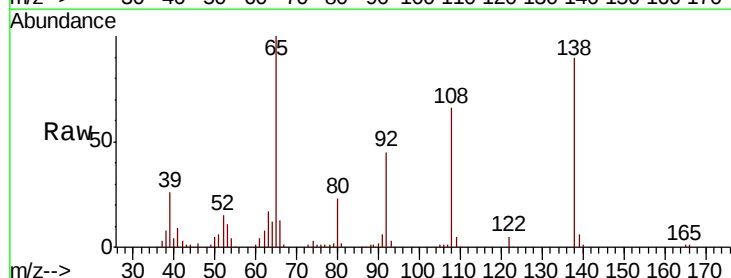


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

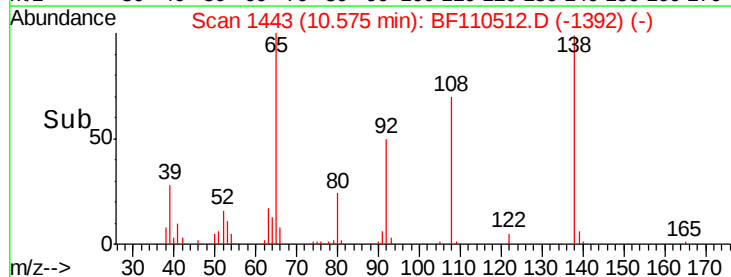
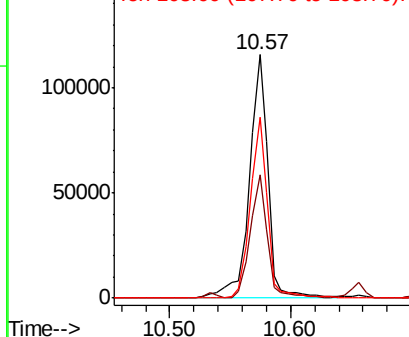


#62
 4-Nitroaniline
 Concen: 35.690 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: BF110512.D
 Acq: 6 Nov 2018 13:51

Tgt Ion:138 Resp: 124755
 Ion Ratio Lower Upper
 138 100
 92 50.4 31.7 71.7
 108 74.1 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

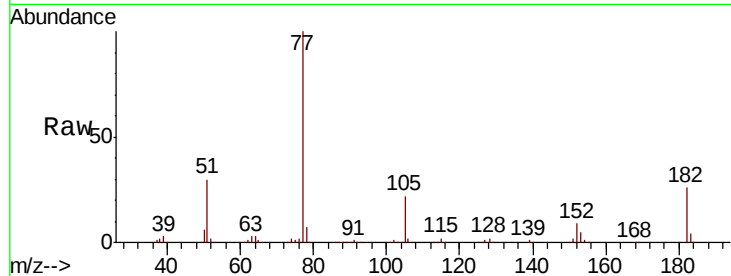




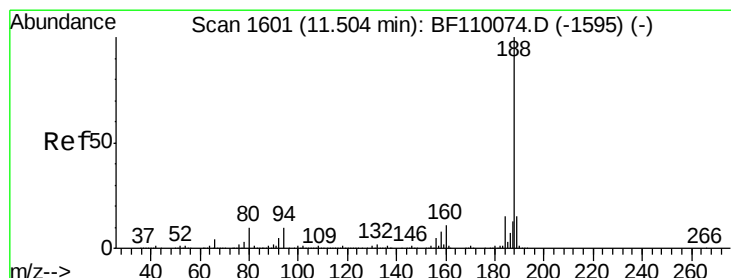
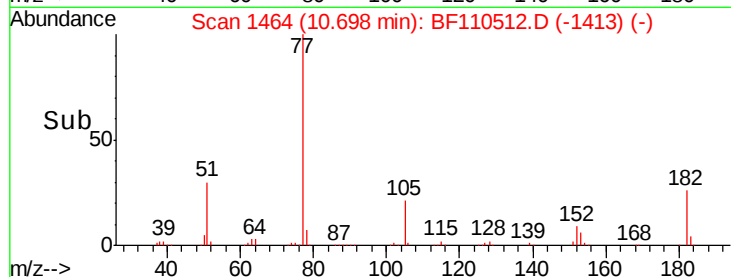
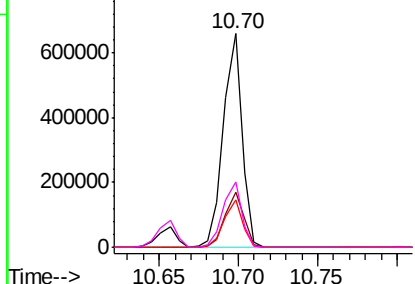
#63
Azobenzene
Concen: 40.741 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:	77	Resp:	541607
Ion	Ratio	Lower	Upper
77	100		
182	26.1	4.3	44.3
105	22.1	1.3	41.3
51	30.5	9.0	49.0

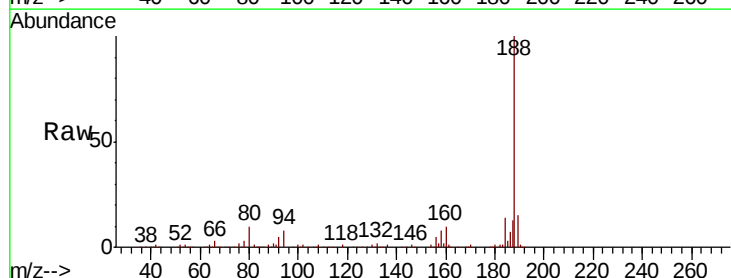


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

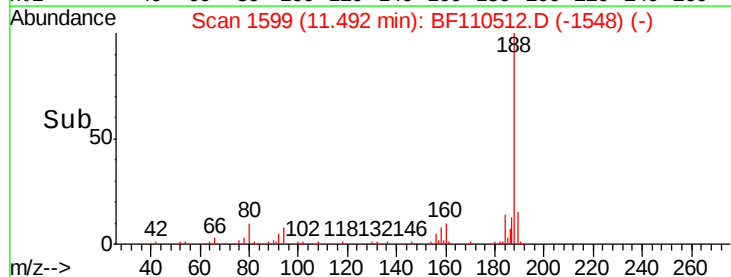
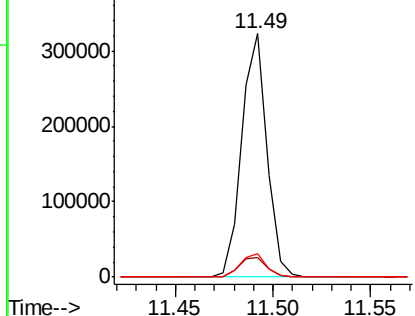


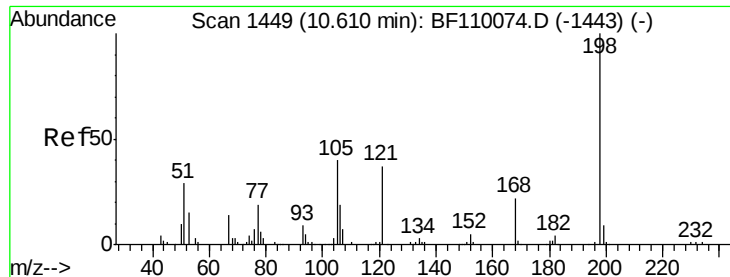
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Tgt Ion:	188	Resp:	289493
Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.2	10.8
80	9.7	7.9	11.9



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

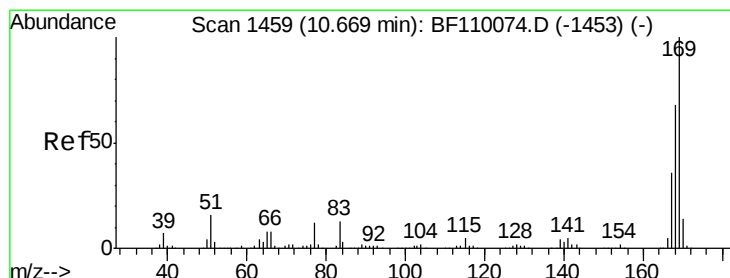
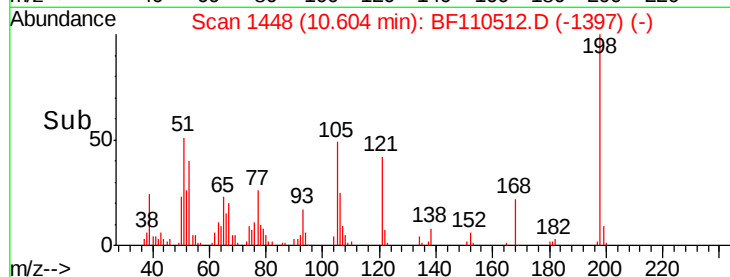
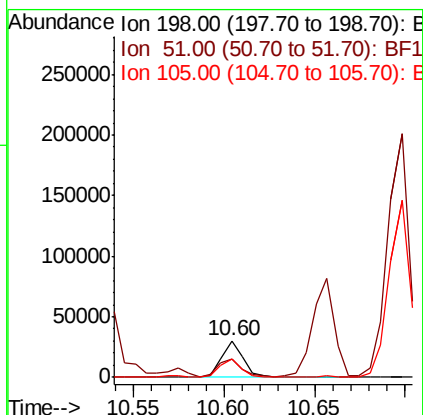
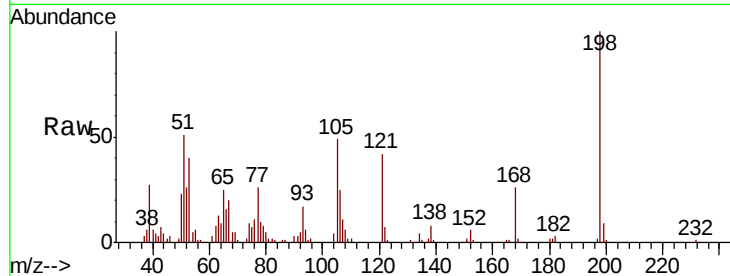




#65
4,6-Dinitro-2-methylphenol
Concen: 19.285 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

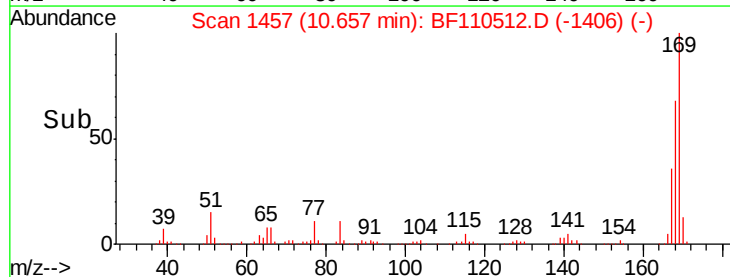
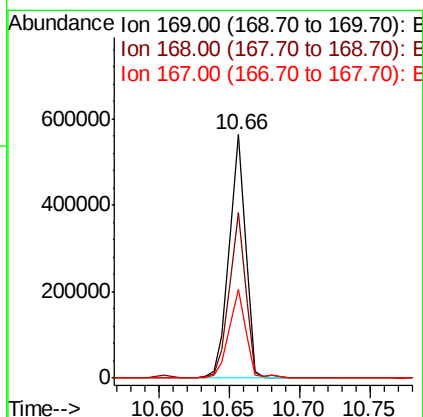
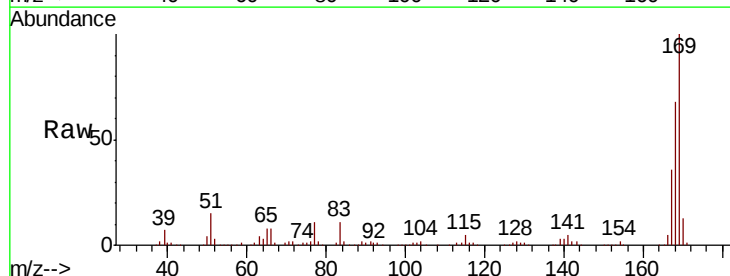
Instrument :
BNA_F
ClientSampled :

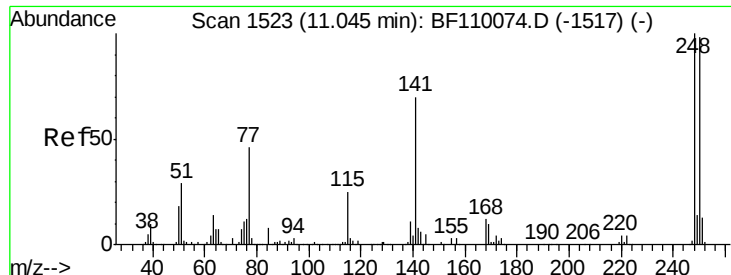
Tot Ion:198 Resp: 25507
Ion Ratio Lower Upper
198 100
51 51.4 22.8 62.8
105 48.8 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 48.834 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Tgt Ion:169 Resp: 463701
Ion Ratio Lower Upper
169 100
168 68.0 51.2 76.8
167 36.4 27.8 41.6

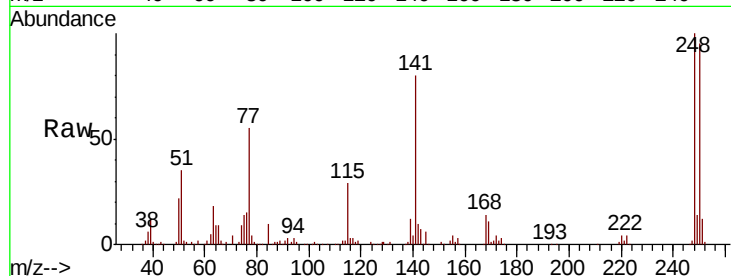




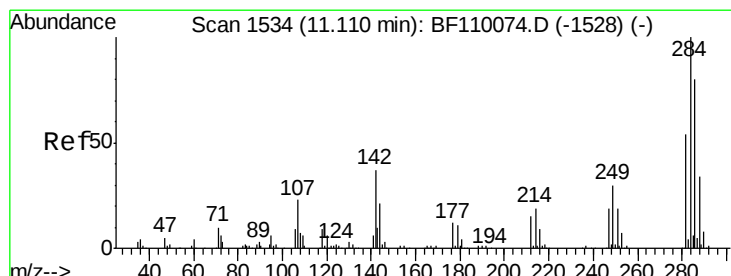
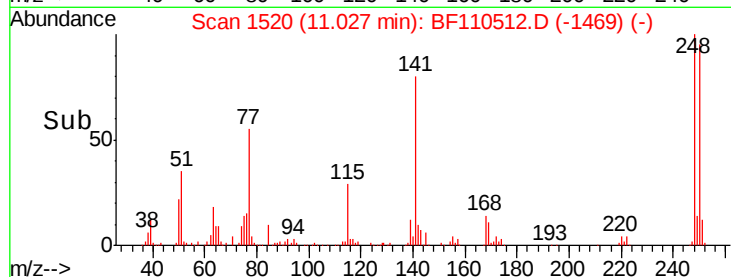
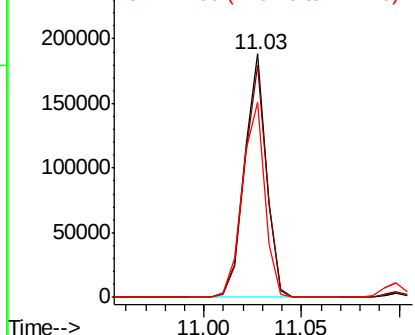
#67
 4-Bromophenyl-phenylether
 Concen: 46.454 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF110512.D
 Acq: 6 Nov 2018 13:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 145872
 Ion Ratio Lower Upper
 248 100
 250 95.4 79.4 119.2
 141 79.8 55.9 83.9

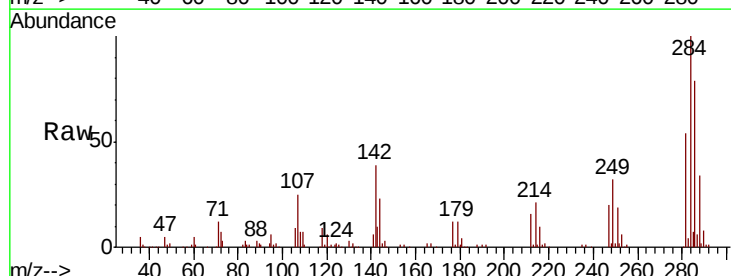


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

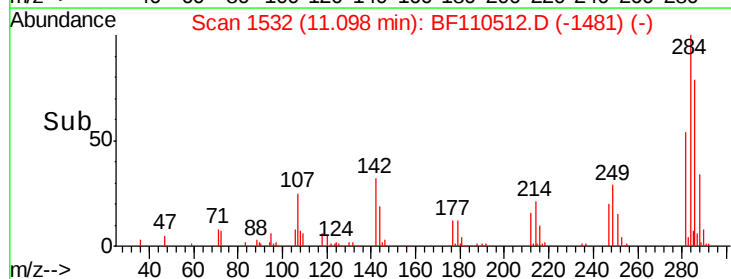
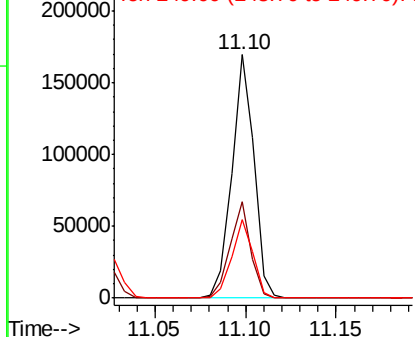


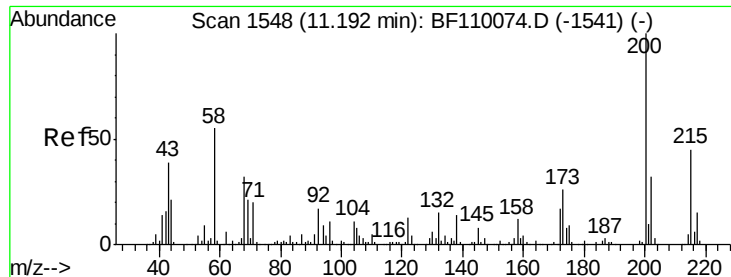
#68
 Hexachlorobenzene
 Concen: 43.127 ng
 RT: 11.10 min Scan# 1532
 Delta R.T. 0.00 min
 Lab File: BF110512.D
 Acq: 6 Nov 2018 13:51

Tgt Ion:284 Resp: 143691
 Ion Ratio Lower Upper
 284 100
 142 39.3 23.9 35.9#
 249 32.2 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

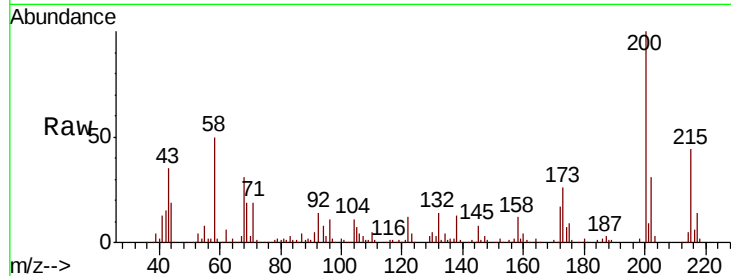




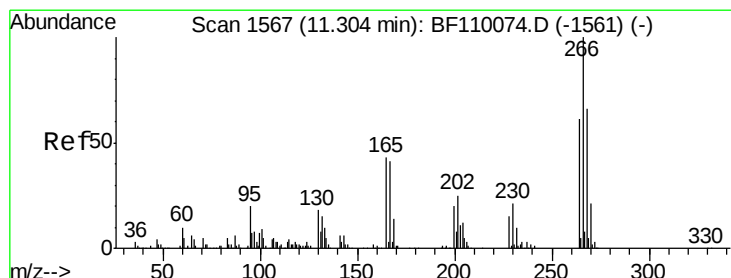
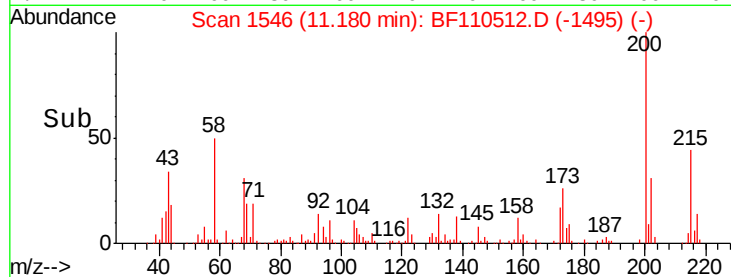
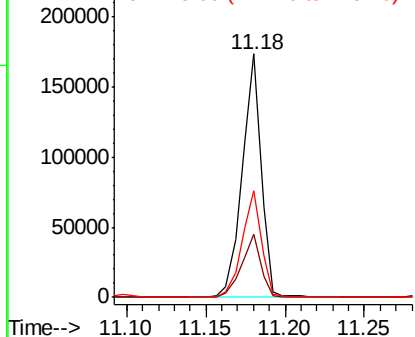
#69
 Atrazine
 Concen: 47.921 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. 0.00 min
 Lab File: BF110512.D
 Acq: 6 Nov 2018 13:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 143798
 Ion Ratio Lower Upper
 200 100
 173 25.8 6.6 46.6
 215 43.8 26.3 66.3

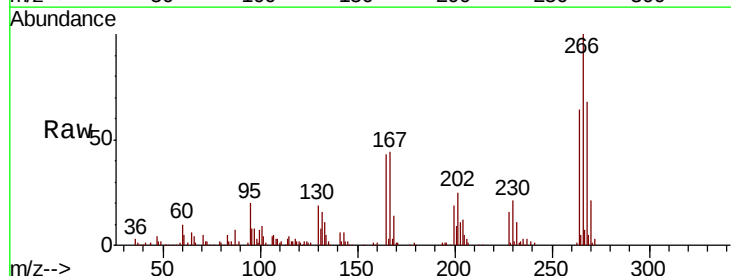


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

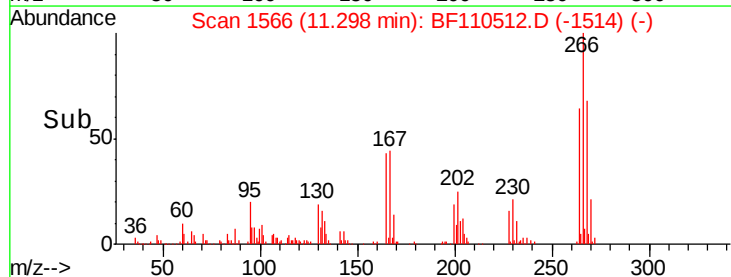
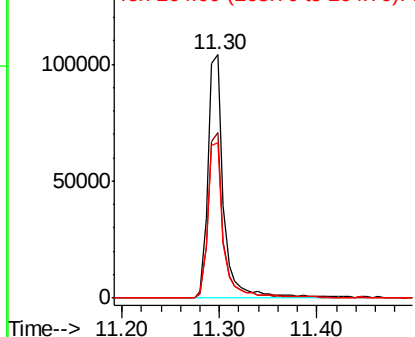


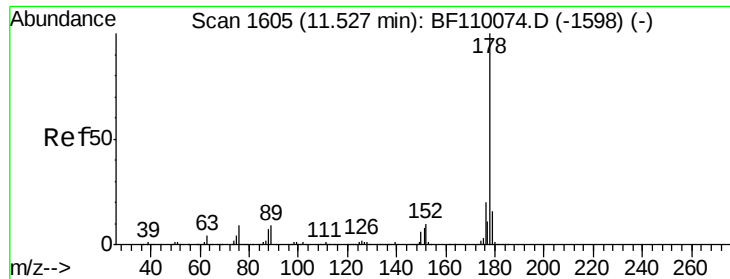
#70
 Pentachlorophenol
 Concen: 60.204 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. 0.01 min
 Lab File: BF110512.D
 Acq: 6 Nov 2018 13:51

Tgt Ion:266 Resp: 116965
 Ion Ratio Lower Upper
 266 100
 268 68.0 50.6 75.8
 264 63.7 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

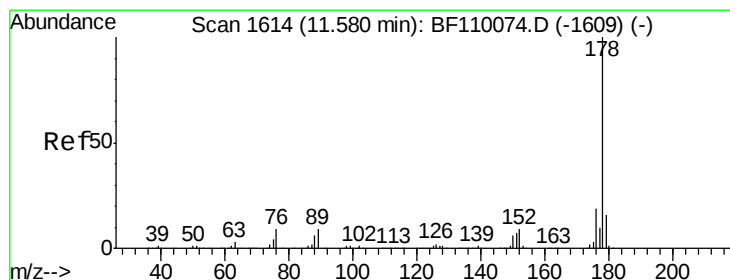
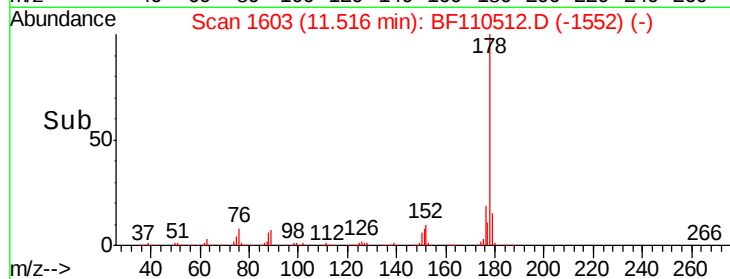
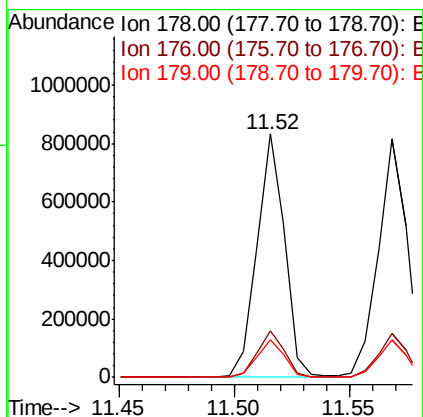
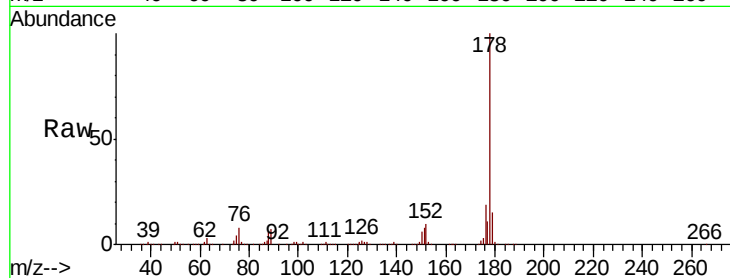




#71
Phenanthrene
Concen: 45.917 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

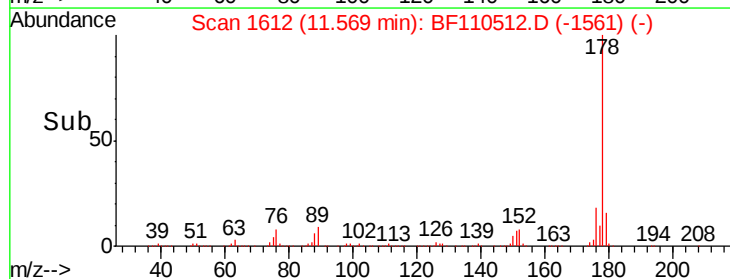
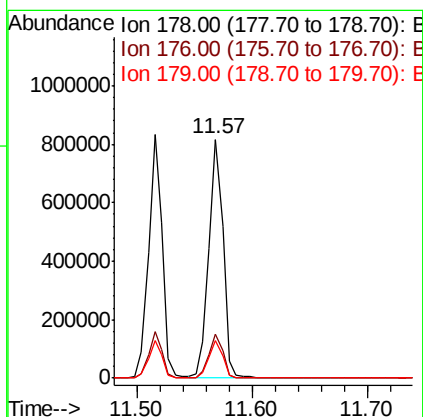
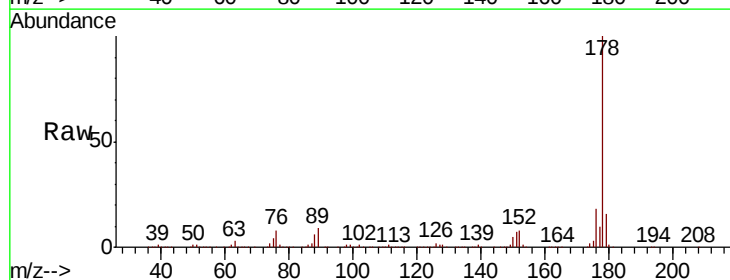
Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 695532
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.3 12.5 18.7



#72
Anthracene
Concen: 46.588 ng
RT: 11.57 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Tgt Ion:178 Resp: 707345
Ion Ratio Lower Upper
178 100
176 18.3 15.4 23.2
179 15.7 12.6 18.8





#73

Carbazole

Concen: 40.085 ng

RT: 11.72 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

Instrument :

BNA_F

ClientSampleId :

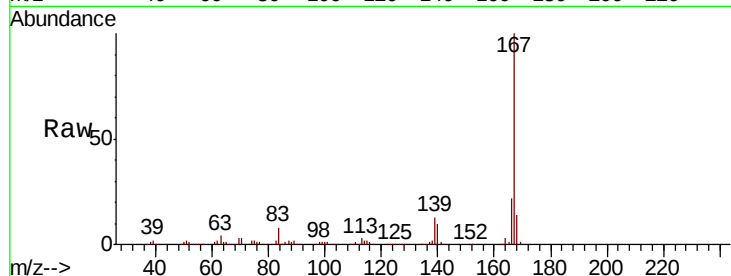
Tot Ion:167 Resp: 594245

Ion Ratio Lower Upper

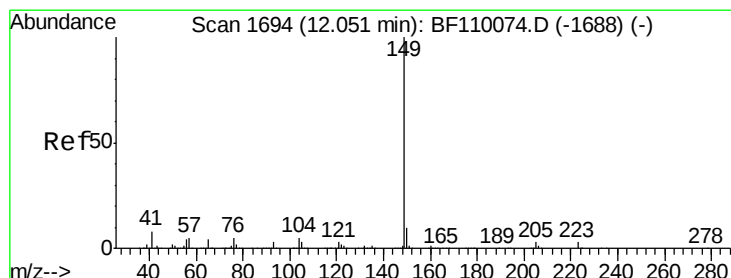
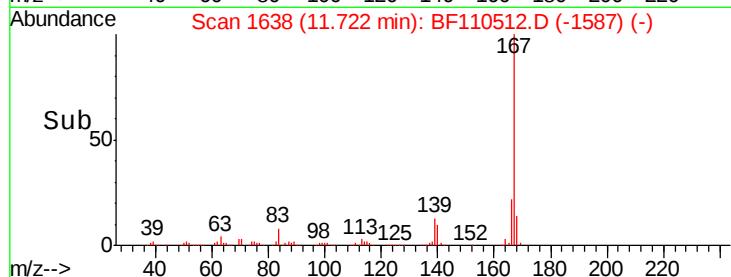
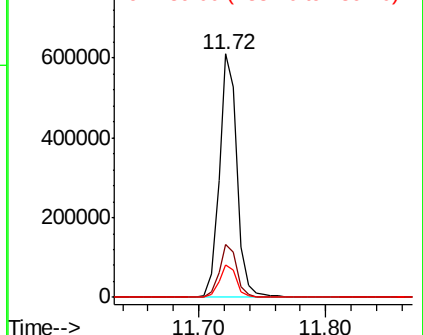
167 100

166 21.9 17.4 26.0

139 13.4 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 47.850 ng

RT: 12.03 min Scan# 1691

Delta R.T. 0.00 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

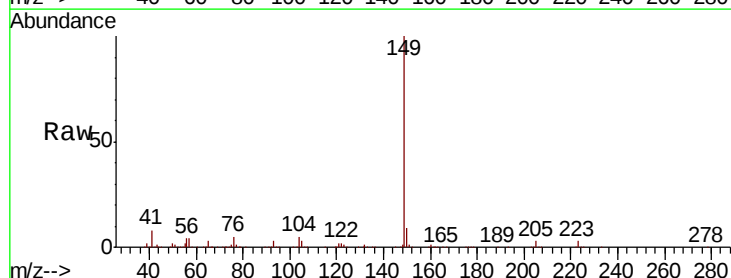
Tgt Ion:149 Resp: 801149

Ion Ratio Lower Upper

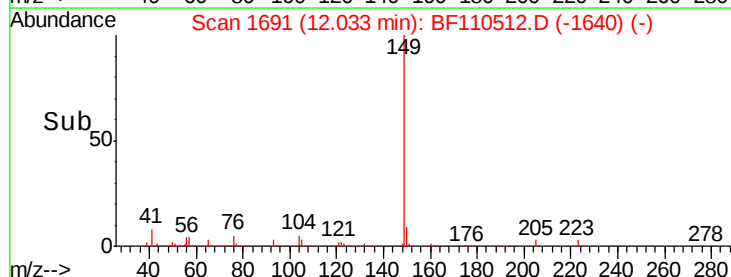
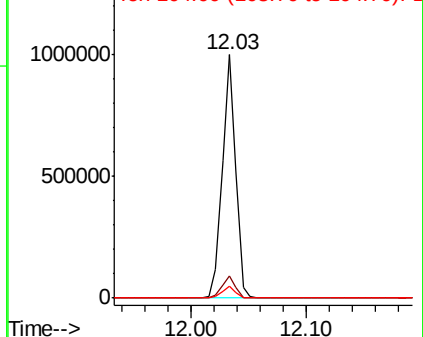
149 100

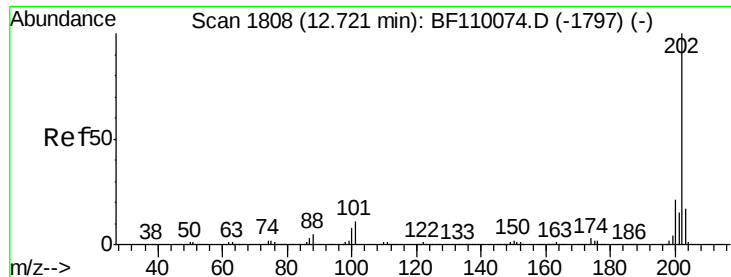
150 9.2 7.7 11.5

104 5.1 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.515 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

Instrument :

BNA_F

ClientSampleId :

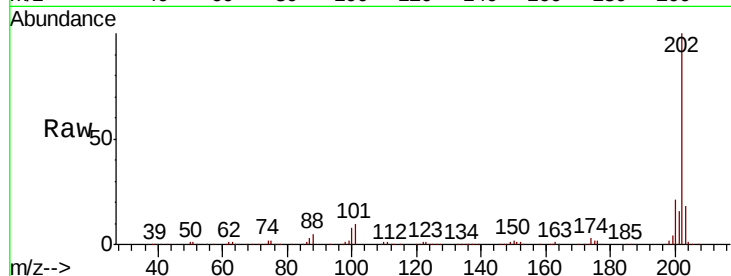
Tot Ion:202 Resp: 607465

Ion Ratio Lower Upper

202 100

101 10.2 0.0 31.4

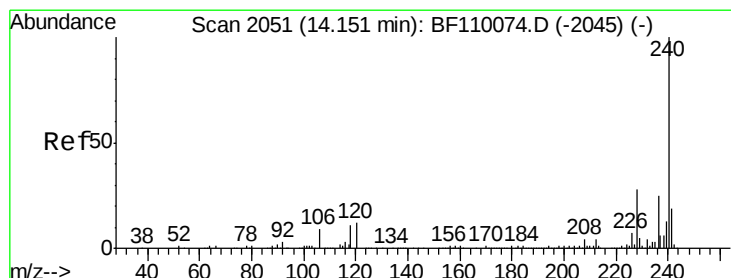
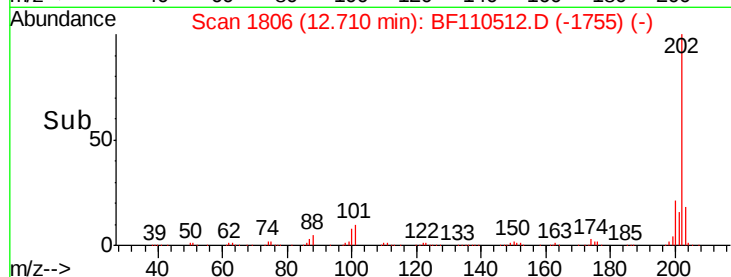
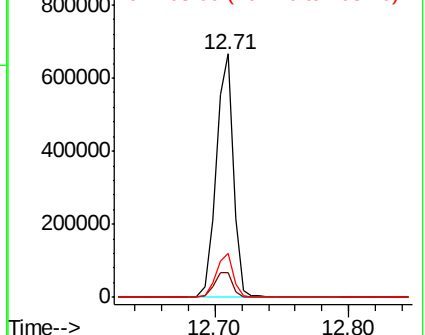
203 18.0 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

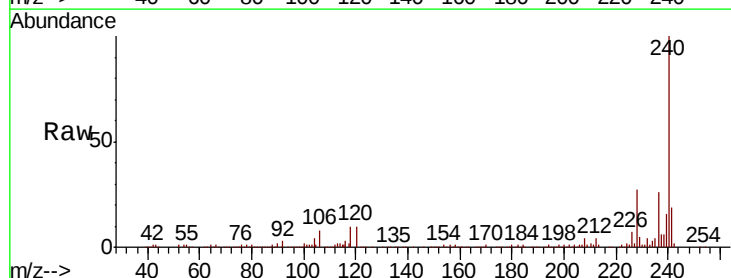
Tgt Ion:240 Resp: 178320

Ion Ratio Lower Upper

240 100

120 10.0 8.3 12.5

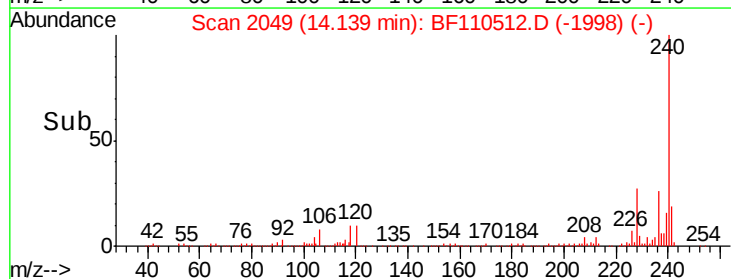
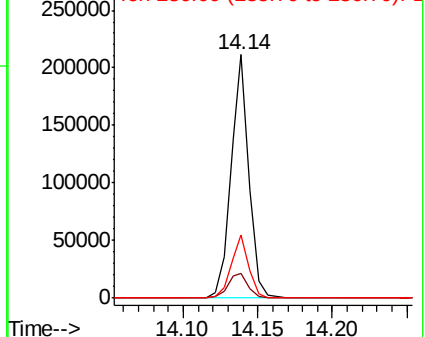
236 25.8 21.2 31.8

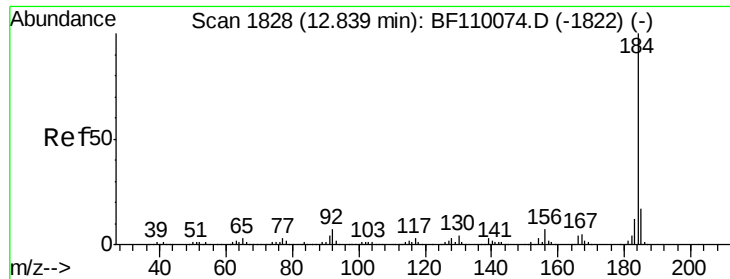


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: Below Cal

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

Instrument :

BNA_F

ClientSampleId :

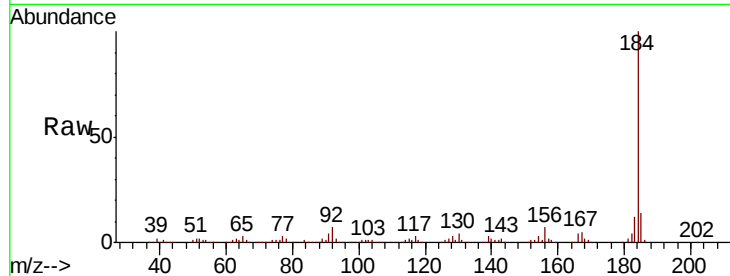
Tot Ion:184 Resp: 370700

Ion Ratio Lower Upper

184 100

185 14.4 13.4 20.2

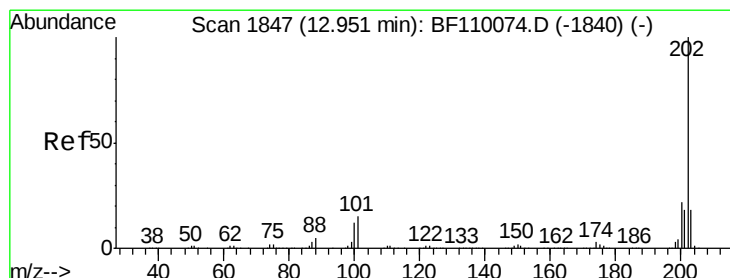
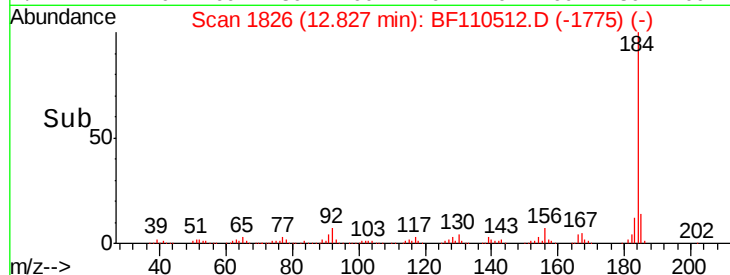
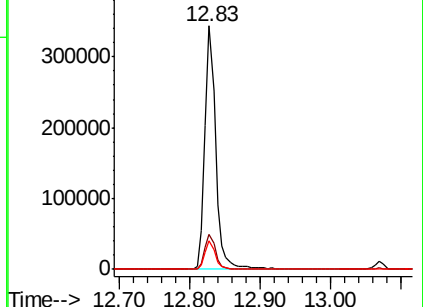
183 11.6 9.4 14.2



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: 45.978 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

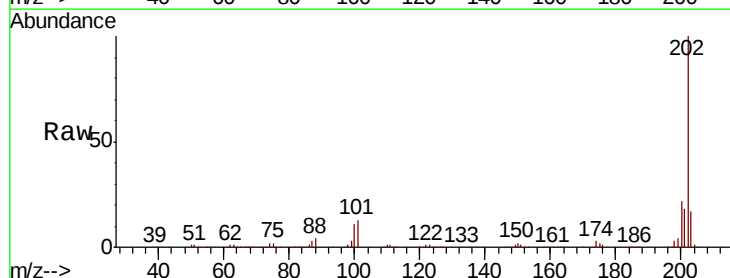
Tgt Ion:202 Resp: 587781

Ion Ratio Lower Upper

202 100

200 21.9 17.8 26.6

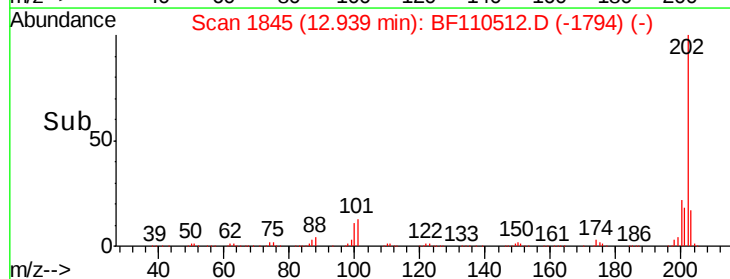
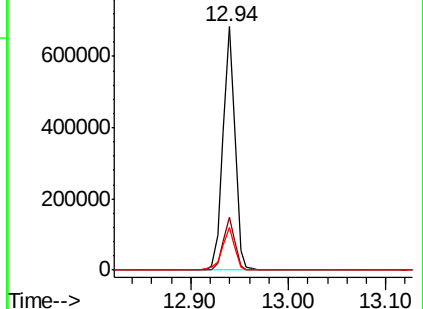
203 17.4 14.2 21.4

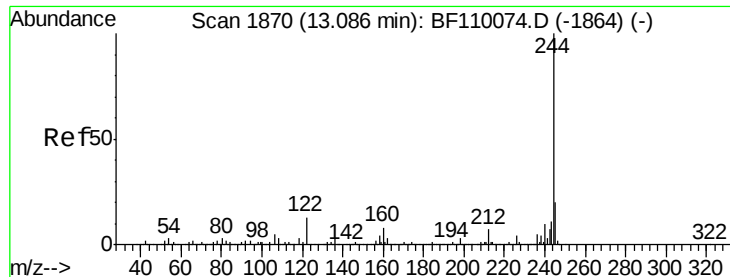


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.797 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

Instrument :

BNA_F

ClientSampled :

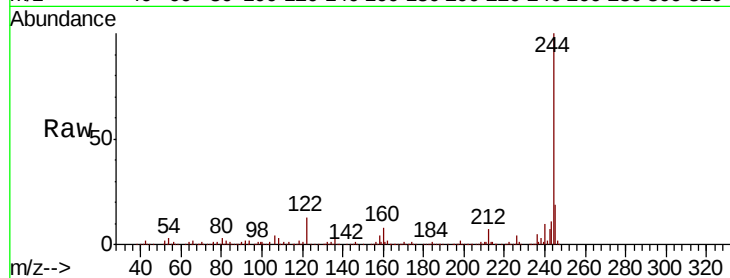
Tot Ion:244 Resp: 752793

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

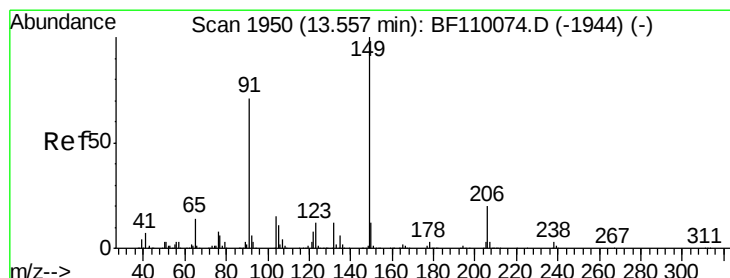
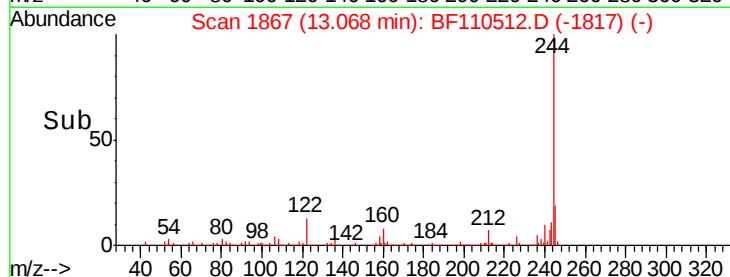
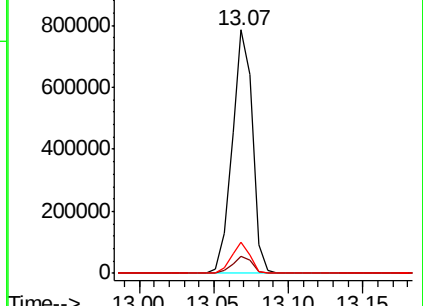
122 12.8 8.7 13.1



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: 48.074 ng

RT: 13.53 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

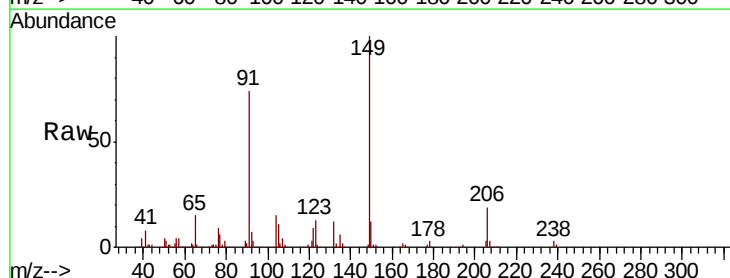
Tgt Ion:149 Resp: 266755

Ion Ratio Lower Upper

149 100

91 74.1 57.2 85.8

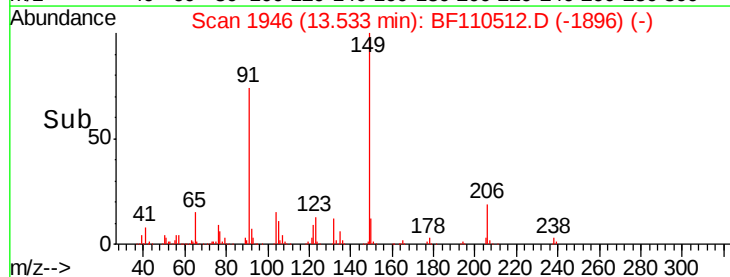
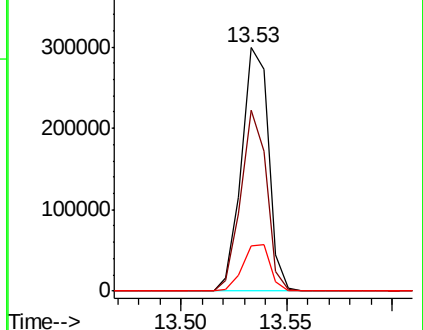
206 18.7 15.7 23.5



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: 45.873 ng

RT: 14.13 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

Instrument :

BNA_F

ClientSampleId :

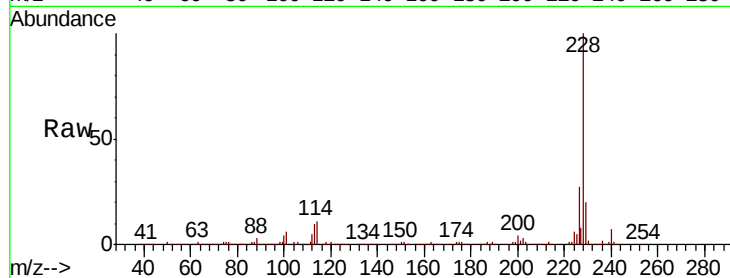
Tot Ion:228 Resp: 485095

Ion Ratio Lower Upper

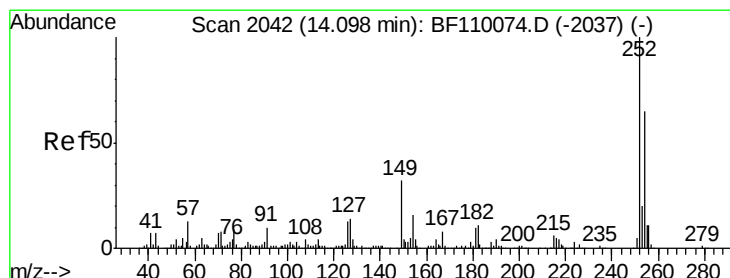
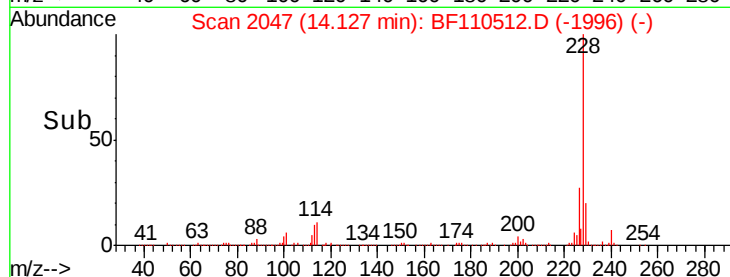
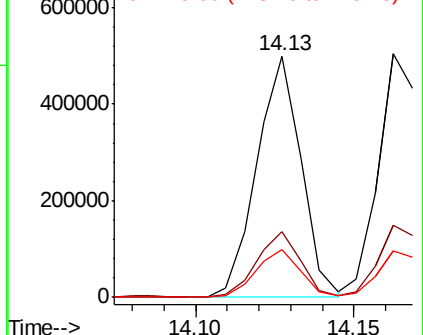
228 100

226 27.3 22.1 33.1

229 19.8 15.6 23.4



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



#82

3,3'-Dichlorobenzidine

Concen: 41.133 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

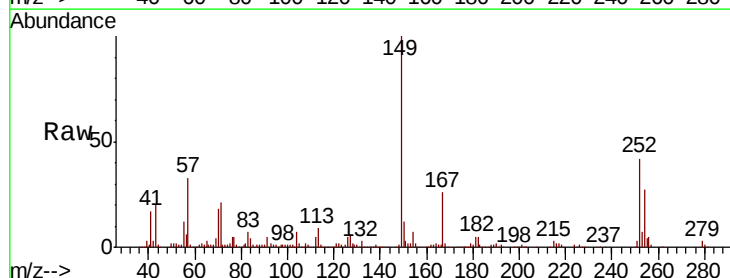
Tgt Ion:252 Resp: 151464

Ion Ratio Lower Upper

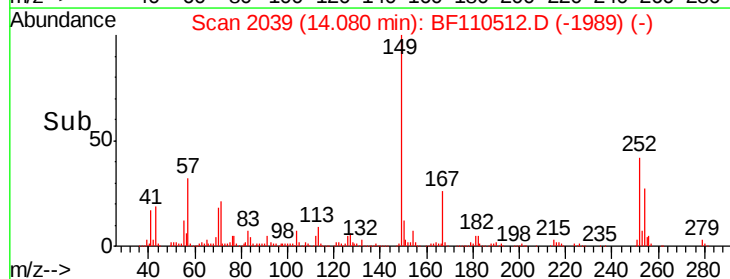
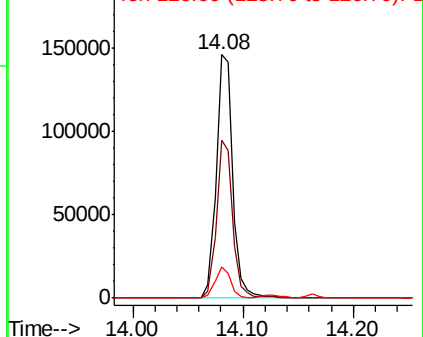
252 100

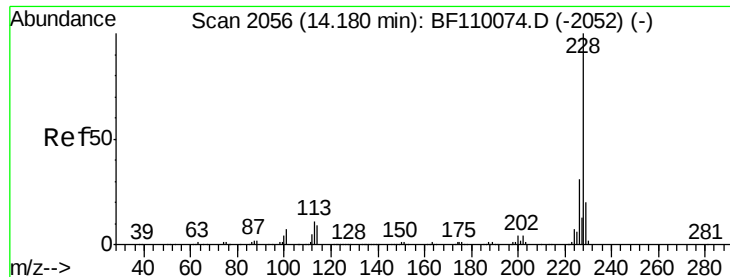
254 64.6 51.3 76.9

126 13.0 9.4 14.2



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

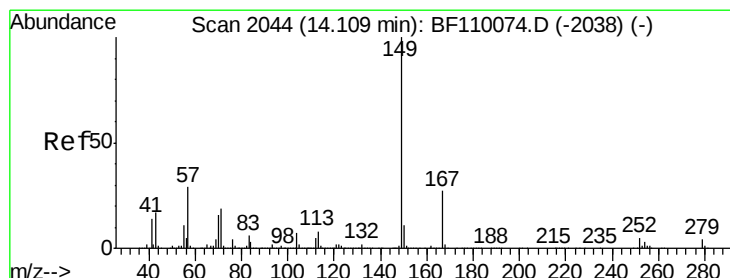
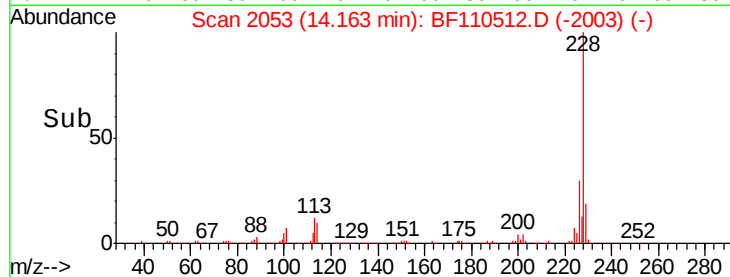
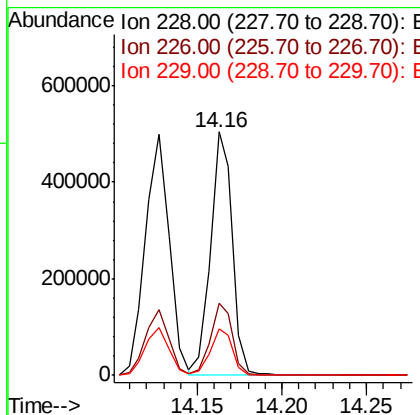
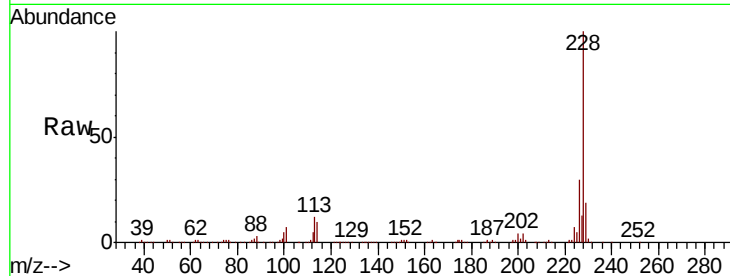




#83
 Chrvsene
 Concen: 45.325 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BF110512.D
 Acq: 6 Nov 2018 13:51

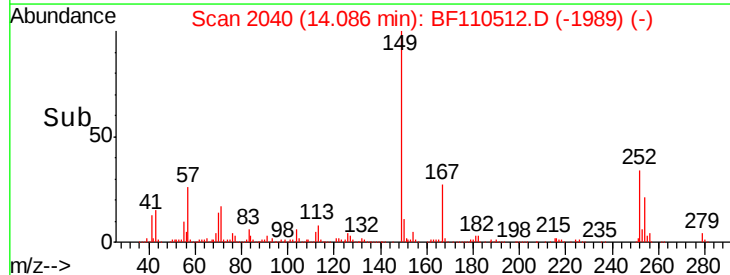
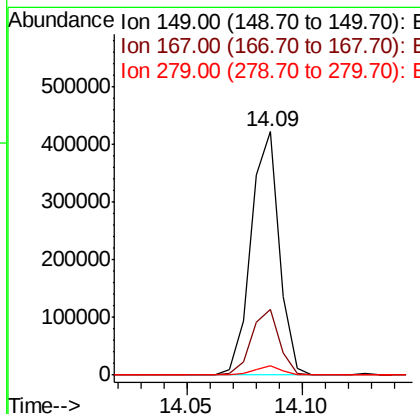
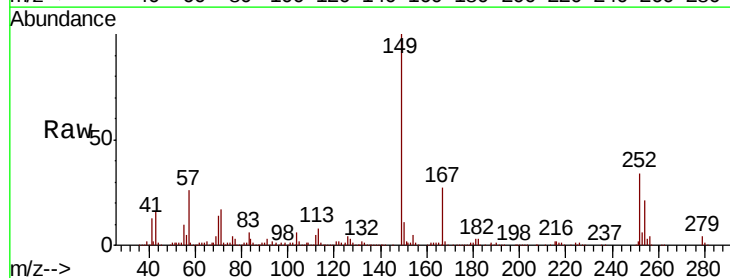
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 455241
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.7 37.1
 229 19.1 15.9 23.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.124 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BF110512.D
 Acq: 6 Nov 2018 13:51

Tgt Ion:149 Resp: 360974
 Ion Ratio Lower Upper
 149 100
 167 26.9 19.8 29.8
 279 3.7 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 50.877 ng

RT: 14.70 min Scan# 2145

Delta R.T. 0.00 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

Instrument :

BNA_F

ClientSampleId :

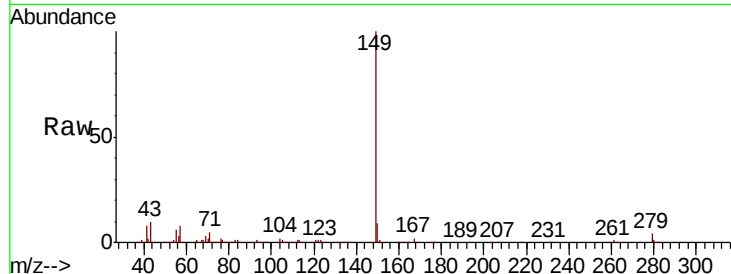
Tot Ion:149 Resp: 593398

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

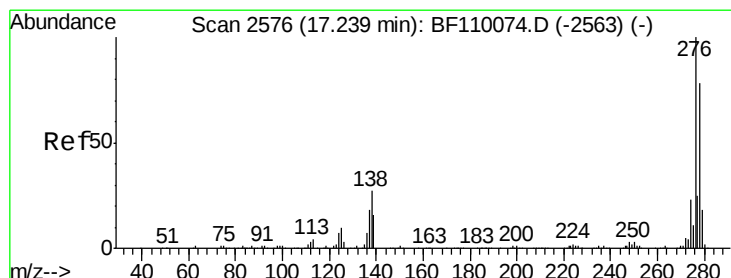
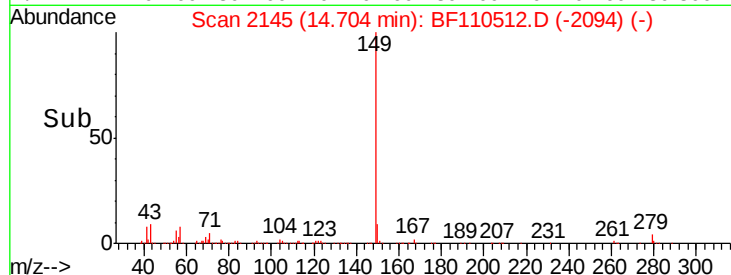
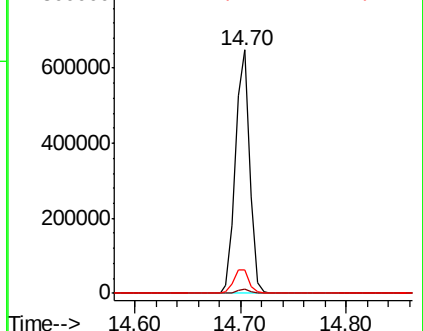
43 10.2 7.8 11.8



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: 41.659 ng

RT: 17.23 min Scan# 2575

Delta R.T. 0.01 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

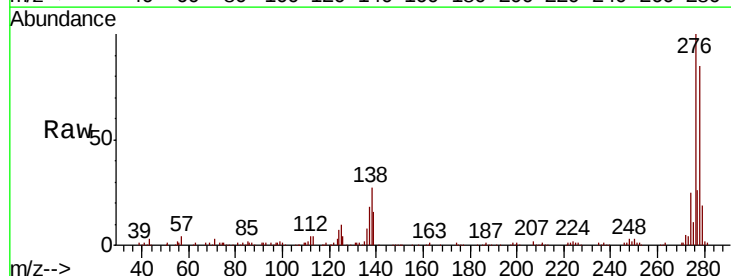
Tgt Ion:276 Resp: 347120

Ion Ratio Lower Upper

276 100

138 25.6 18.5 27.7

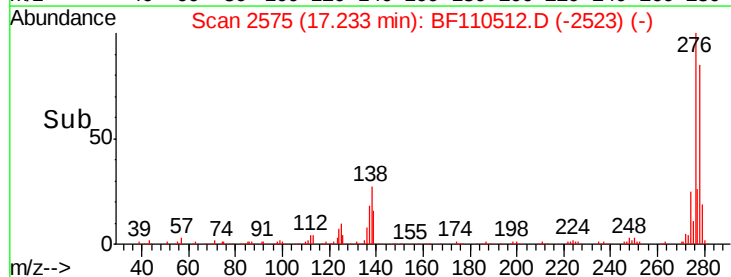
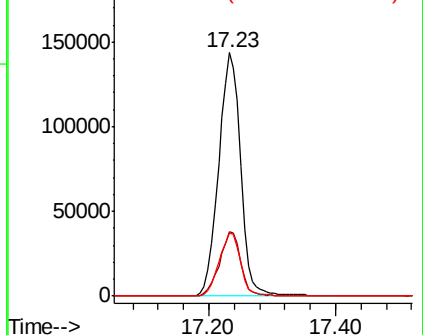
277 25.1 20.0 30.0

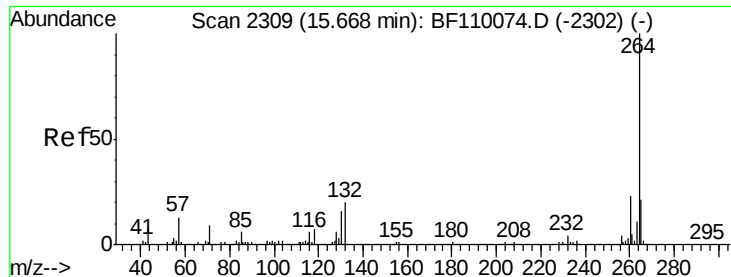


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

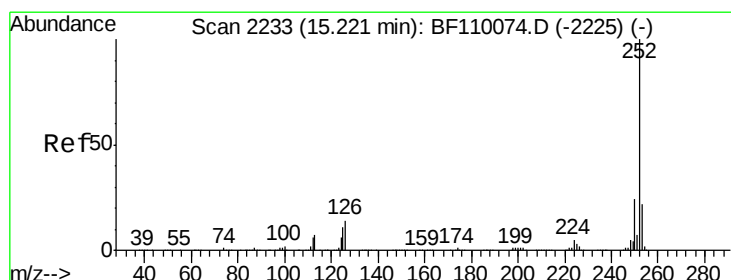
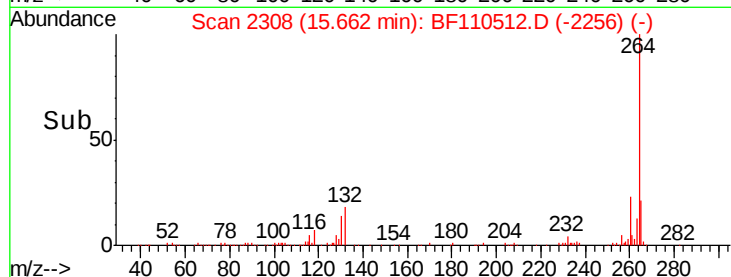
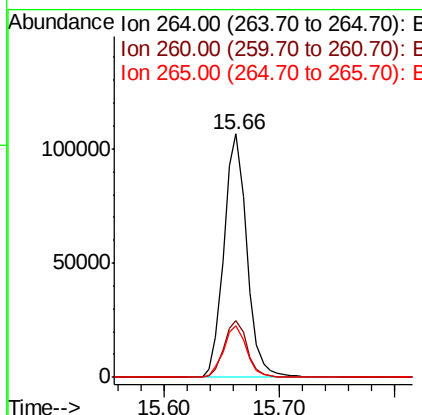
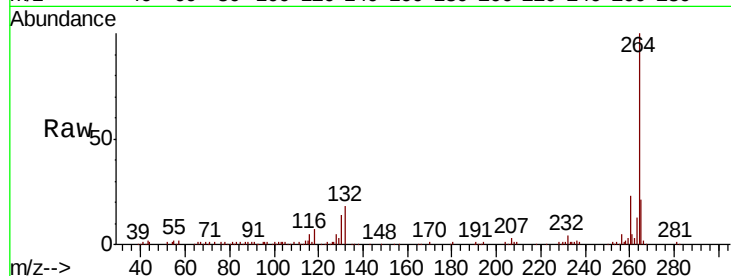




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2308
 Delta R.T. 0.01 min
 Lab File: BF110512.D
 Acq: 6 Nov 2018 13:51

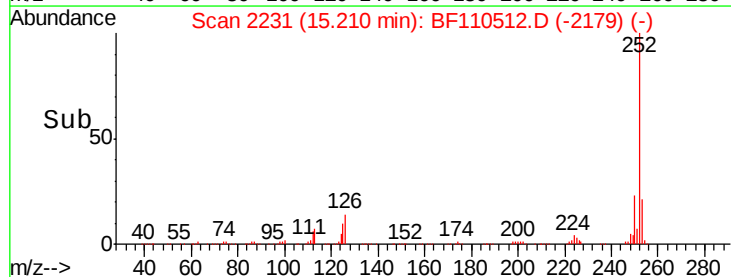
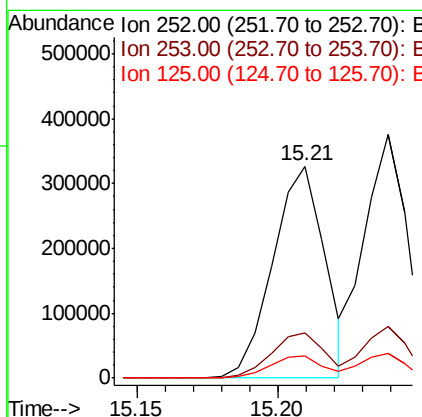
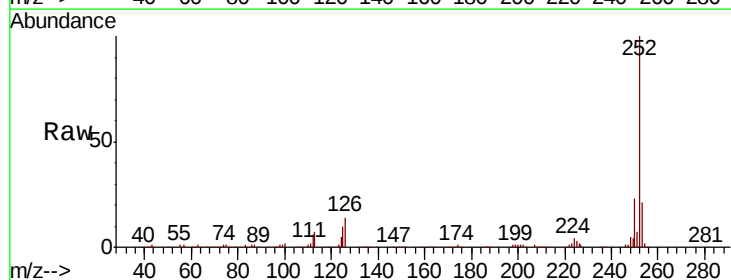
Instrument :
 BNA_F
 ClientSampled :

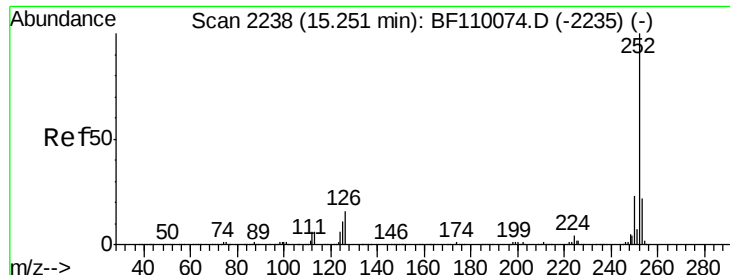
Tot Ion:264 Resp: 146827
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 21.3 16.7 25.1



#88
 Benzo(b)fluoranthene
 Concen: 49.205 ng
 RT: 15.21 min Scan# 2231
 Delta R.T. 0.01 min
 Lab File: BF110512.D
 Acq: 6 Nov 2018 13:51

Tgt Ion:252 Resp: 417196
 Ion Ratio Lower Upper
 252 100
 253 21.4 17.2 25.8
 125 10.2 8.2 12.4

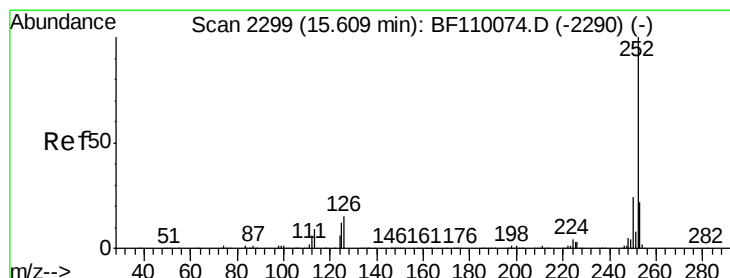
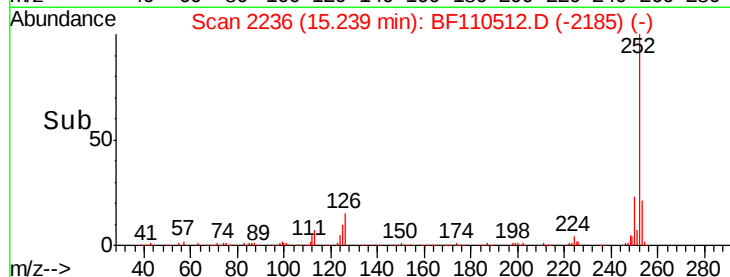
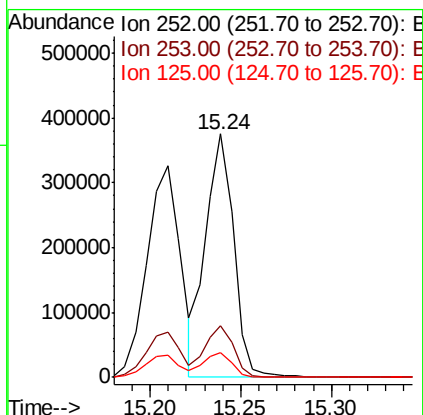
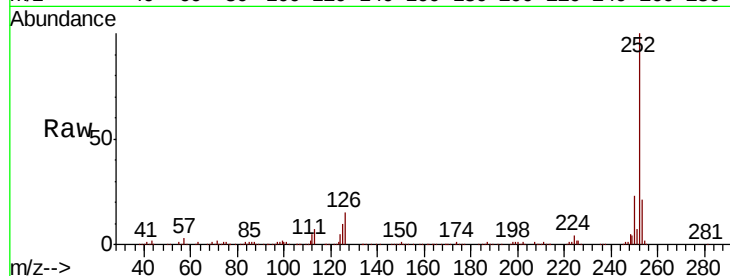




#89
Benzo(k)fluoranthene
Concen: 48.346 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

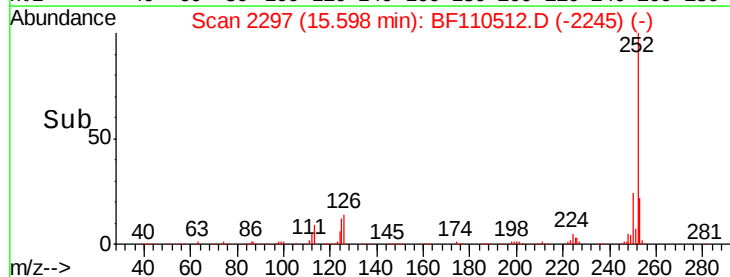
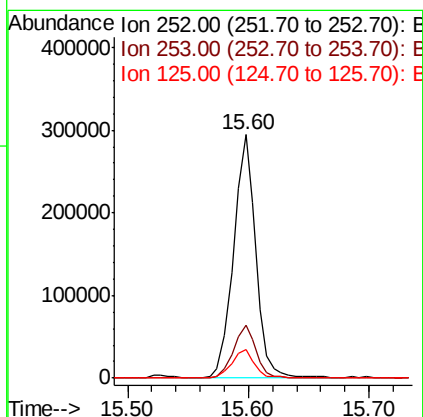
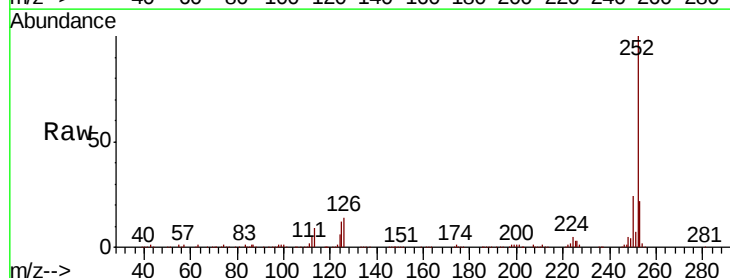
Instrument :
BNA_F
ClientSampleId :

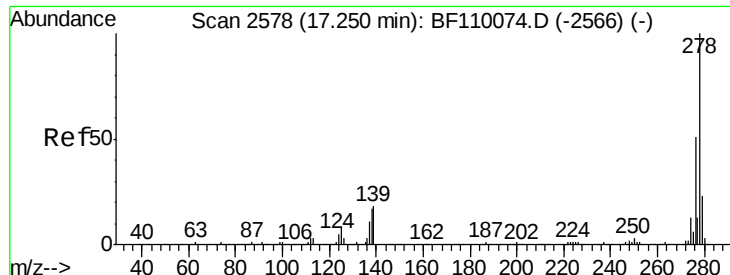
Tot Ion:252 Resp: 402984
Ion Ratio Lower Upper
252 100
253 21.3 17.2 25.8
125 10.0 7.4 11.0



#90
Benzo(a)pyrene
Concen: 48.385 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Tgt Ion:252 Resp: 377490
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.4
125 11.9 9.0 13.6



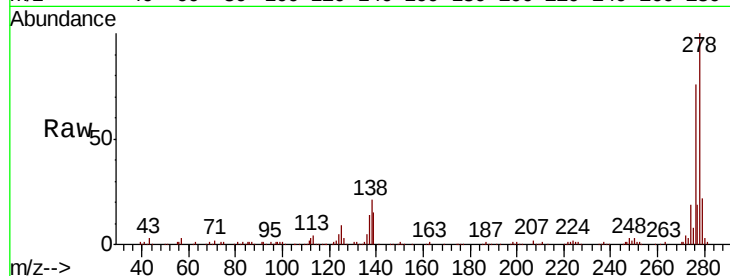


#91
Dibenzo(a,h)anthracene
Concen: 43.352 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.01 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

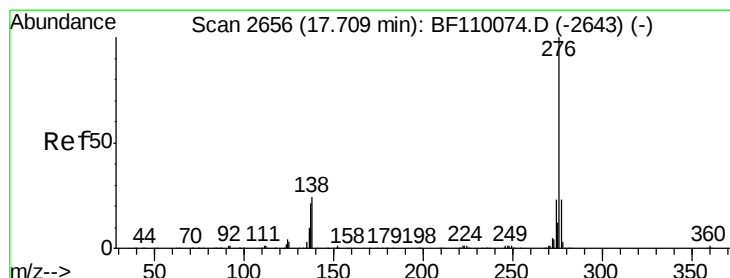
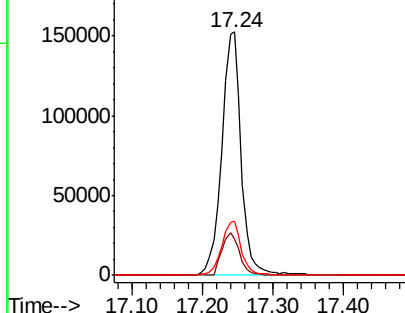
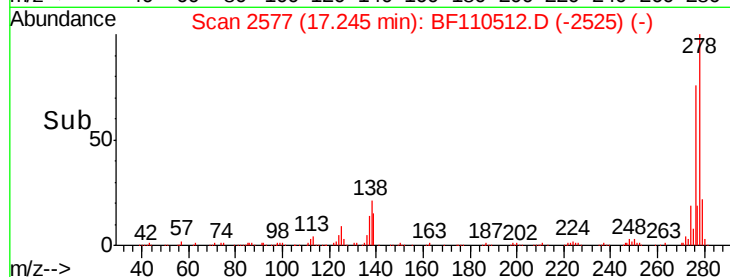
Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 291837

Ion	Ratio	Lower	Upper
278	100		
139	14.7	12.7	19.1
279	22.5	19.0	28.4



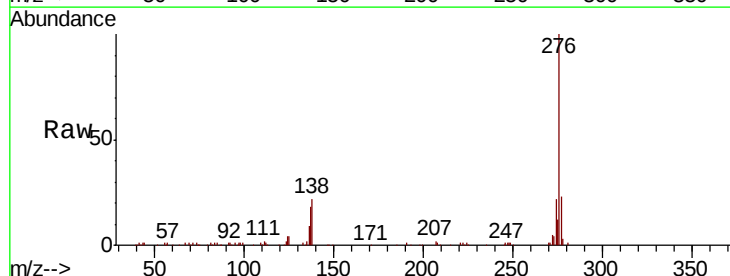
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.029 ng
RT: 17.71 min Scan# 2656
Delta R.T. 0.01 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Tgt Ion:276 Resp: 278805

Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.8	28.2
138	21.6	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

