

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110413.D
 Acq On : 2 Nov 2018 15:50
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 22:56:33 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	90185	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	384451	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	182972	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	344755	20.00	ng	0.00
76) Chrysene-d12	14.14	240	226611	20.00	ng	0.00
87) Perylene-d12	15.66	264	166078	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	455140	82.18	ng	0.00
7) Phenol-d6	6.59	99	574906	81.16	ng	0.00
23) Nitrobenzene-d5	7.53	82	537557	82.93	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	151767	83.74	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	996465	85.52	ng	0.00
79) Terphenyl-d14	13.07	244	1013425	93.01	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.80	88	112171	38.659	ng	91
3) Pyridine	3.59	79	251956	38.987	ng	# 85
4) n-Nitrosodimethylamine	3.55	42	109053	40.277	ng	# 92
6) Aniline	6.62	93	371468	40.256	ng	# 54
8) 2-Chlorophenol	6.75	128	267970	41.969	ng	99
9) Benzaldehyde	6.52	77	159734	38.381	ng	94
10) Phenol	6.60	94	331997	43.846	ng	# 65
11) bis(2-Chloroethyl)ether	6.69	93	250979	40.289	ng	96
12) 1,3-Dichlorobenzene	6.90	146	289909	41.259	ng	99
13) 1,4-Dichlorobenzene	6.97	146	290981	40.946	ng	98
14) 1,2-Dichlorobenzene	7.13	146	272040	41.237	ng	99
15) Benzyl Alcohol	7.10	79	229279	42.084	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.23	45	398406	39.999	ng	69
17) 2-Methylphenol	7.20	107	208841	41.041	ng	# 83
18) Hexachloroethane	7.47	117	108257	41.609	ng	97
19) n-Nitroso-di-n-propylamine	7.37	70	182628	40.187	ng	96
20) 3+4-Methylphenols	7.36	107	268752	40.859	ng	98
22) Acetophenone	7.37	105	362721	40.946	ng	# 98
24) Nitrobenzene	7.55	77	274205	40.976	ng	93
25) Isophorone	7.78	82	439205	39.751	ng	96
26) 2-Nitrophenol	7.86	139	143567	45.084	ng	94
27) 2,4-Dimethylphenol	7.89	122	209928	39.762	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	300278	40.006	ng	99
29) 2,4-Dichlorophenol	8.10	162	218423	40.949	ng	99
30) 1,2,4-Trichlorobenzene	8.18	180	242145	40.529	ng	98
31) Naphthalene	8.26	128	727788	41.074	ng	99
32) Benzoic acid	8.02	122	157306	38.550	ng	98
33) 4-Chloroaniline	8.31	127	322696	40.466	ng	99
34) Hexachlorobutadiene	8.37	225	138349	41.704	ng	99
35) Caprolactam	8.69	113	72984	39.257	ng	90
36) 4-Chloro-3-methylphenol	8.79	107	238210	41.299	ng	98
37) 2-Methylnaphthalene	8.95	142	476981	40.686	ng	100
38) 1-Methylnaphthalene	9.05	142	455714	40.225	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	234596	41.150	ng	98

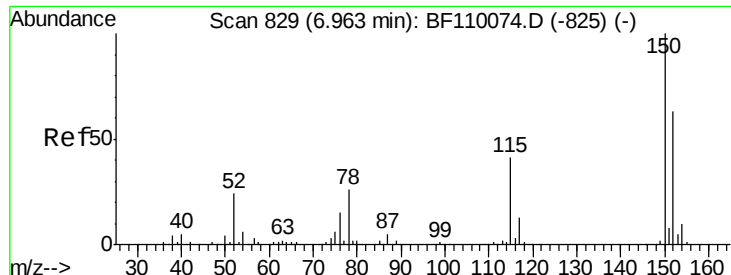
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	116320	39.902	ng	100
43) 2,4,6-Trichlorophenol	9.23	196	151291	41.144	ng	95
44) 2,4,5-Trichlorophenol	9.27	196	160811	41.373	ng	97
46) 1,1'-Biphenyl	9.42	154	679777	41.084	ng	99
47) 2-Chloronaphthalene	9.45	162	495887	40.857	ng	98
48) 2-Nitroaniline	9.55	65	153879	41.839	ng	93
49) Acenaphthylene	9.86	152	710035	40.504	ng	99
50) Dimethylphthalate	9.72	163	552846	40.932	ng	99
51) 2,6-Dinitrotoluene	9.79	165	123854	42.571	ng	90
52) Acenaphthene	10.03	154	442945	38.195	ng	97
53) 3-Nitroaniline	9.96	138	141683	40.951	ng	95
54) 2,4-Dinitrophenol	10.07	184	40810	38.232	ng	89
55) Dibenzofuran	10.21	168	656157	40.412	ng	94
56) 4-Nitrophenol	10.12	139	98230	38.361	ng	91
57) 2,4-Dinitrotoluene	10.19	165	161912	43.814	ng	91
58) Fluorene	10.55	166	494394	40.912	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.28	232	126232	39.845	ng	98
60) Diethylphthalate	10.41	149	537999	40.805	ng	99
61) 4-Chlorophenyl-phenylether	10.54	204	264597	41.507	ng	94
62) 4-Nitroaniline	10.57	138	141556	41.137	ng	94
63) Azobenzene	10.70	77	530809	40.560	ng	99
65) 4,6-Dinitro-2-methylphenol	10.60	198	67287	42.719	ng	92
66) n-Nitrosodiphenylamine	10.66	169	462897	40.935	ng	96
67) 4-Bromophenyl-phenylether	11.03	248	152297	40.726	ng	# 93
68) Hexachlorobenzene	11.10	284	161372	40.670	ng	# 89
69) Atrazine	11.18	200	145439	40.699	ng	99
70) Pentachlorophenol	11.29	266	92989	40.191	ng	96
71) Phenanthrene	11.52	178	722492	40.051	ng	100
72) Anthracene	11.57	178	728090	40.267	ng	99
73) Carbazole	11.73	167	710055	40.220	ng	99
74) Di-n-butylphthalate	12.03	149	846962	42.478	ng	99
75) Fluoranthene	12.71	202	714850	39.046	ng	99
77) Benzidine	12.83	184	287192	45.521	ng	97
78) Pyrene	12.94	202	737103	45.371	ng	98
80) Butylbenzylphthalate	13.54	149	322705	45.764	ng	96
81) Benzo(a)anthracene	14.13	228	554130	41.235	ng	99
82) 3,3'-Dichlorobenzidine	14.09	252	186802	39.919	ng	99
83) Chrysene	14.17	228	526747	41.268	ng	98
84) Bis(2-ethylhexyl)phthalate	14.09	149	412625	43.288	ng	97
85) Di-n-octyl phthalate	14.70	149	592639	39.984	ng	98
86) Indeno(1,2,3-cd)pyrene	17.23	276	398081	37.594	ng	98
88) Benzo(b)fluoranthene	15.20	252	402818	42.002	ng	99
89) Benzo(k)fluoranthene	15.24	252	386604	41.005	ng	99
90) Benzo(a)pyrene	15.60	252	363534	41.195	ng	97
91) Dibenzo(a,h)anthracene	17.24	278	331773	43.572	ng	97
92) Benzo(g,h,i)perylene	17.71	276	335991	44.779	ng	100

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

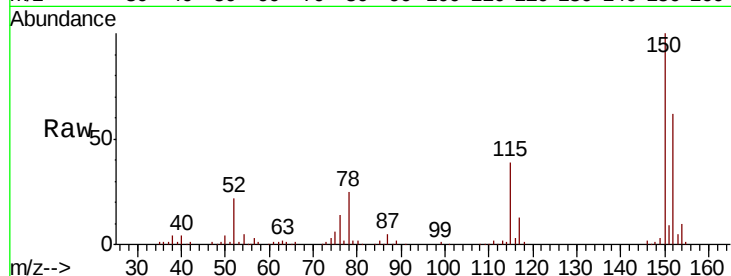


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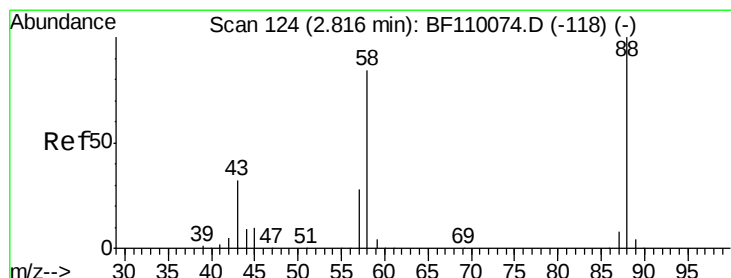
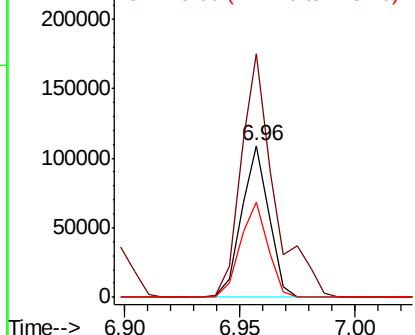
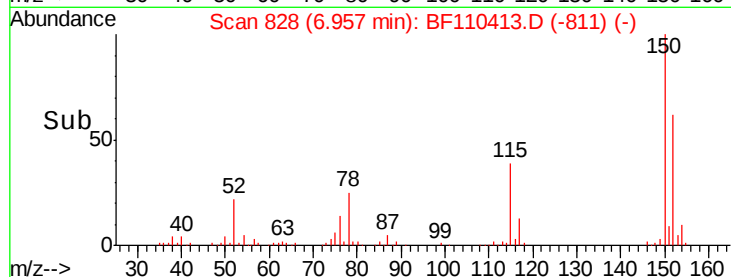
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110413.D
Acq: 2 Nov 2018 15:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 90185
Ion Ratio Lower Upper
152 100
150 160.6 122.7 184.1
115 62.8 49.1 73.7



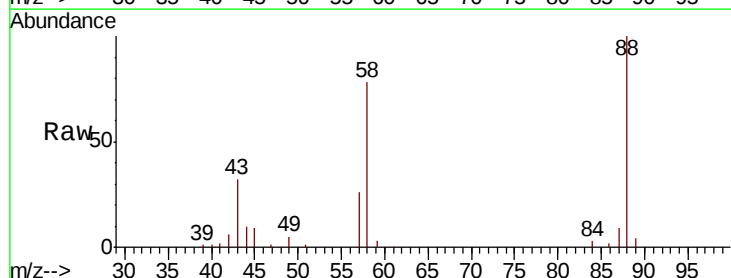
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



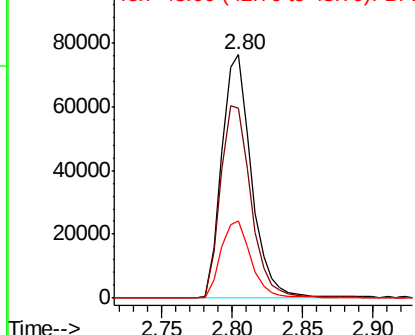
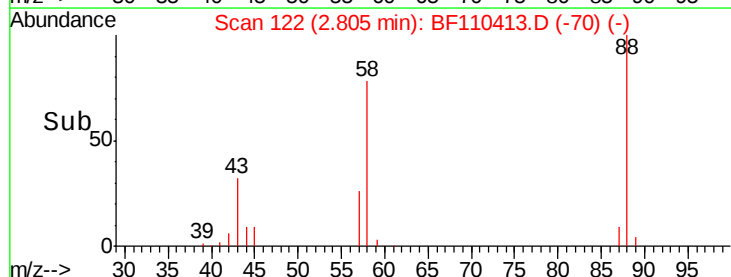
#2

1,4-Dioxane
Concen: 38.659 ng
RT: 2.80 min Scan# 122
Delta R.T. 0.01 min
Lab File: BF110413.D
Acq: 2 Nov 2018 15:50

Tgt Ion: 88 Resp: 112171
Ion Ratio Lower Upper
88 100
58 81.1 57.1 85.7
43 32.1 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

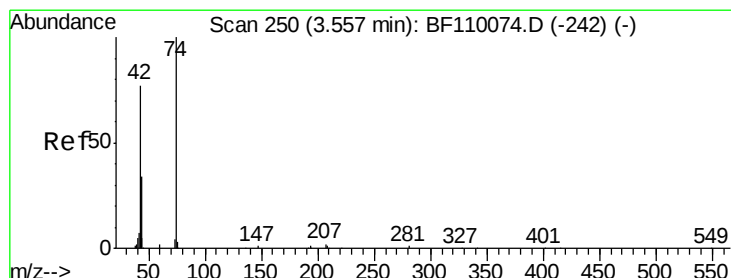
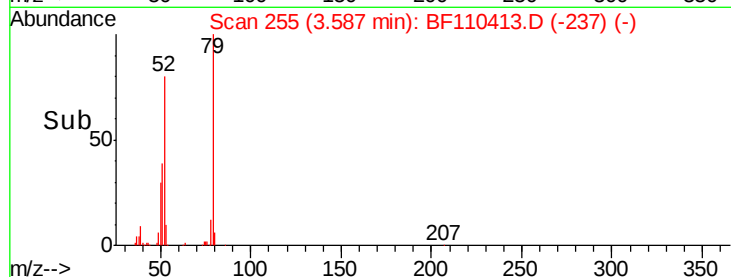
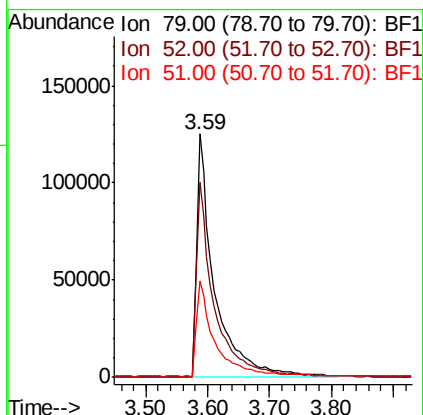
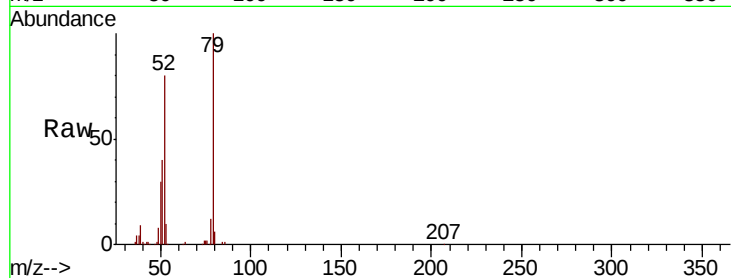




#3
 Pvridine
 Concen: 38.987 ng
 RT: 3.59 min Scan# 255
 Delta R.T. 0.01 min
 Lab File: BF110413.D
 Acq: 2 Nov 2018 15:50

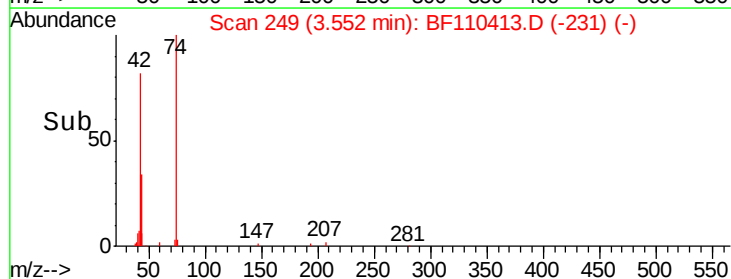
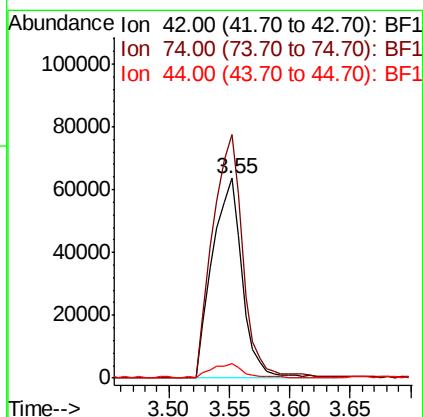
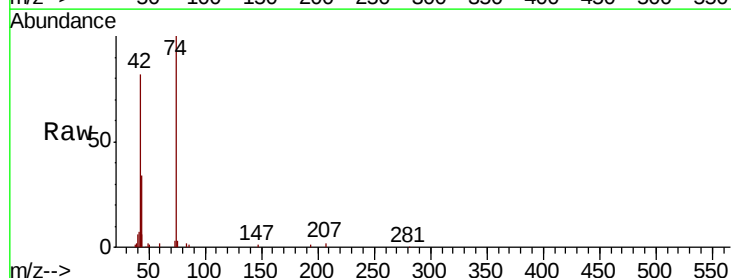
Instrument :
 BNA_F
 ClientSampleId :

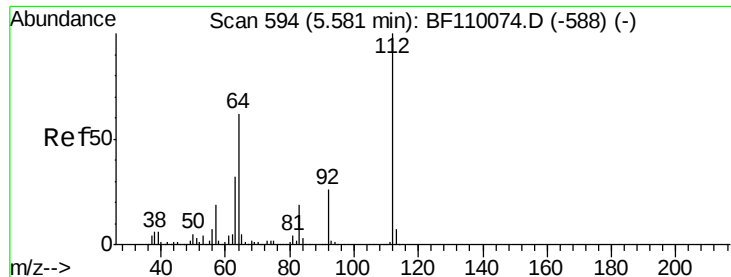
Tot Ion: 79 Resp: 251956
 Ion Ratio Lower Upper
 79 100
 52 80.2 53.1 79.7#
 51 39.7 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 40.277 ng
 RT: 3.55 min Scan# 249
 Delta R.T. 0.01 min
 Lab File: BF110413.D
 Acq: 2 Nov 2018 15:50

Tgt Ion: 42 Resp: 109053
 Ion Ratio Lower Upper
 42 100
 74 121.7 105.5 158.3
 44 7.3 4.9 7.3#





#5

2-Fluorophenol

Concen: 82.184 ng

RT: 5.57 min Scan# 593

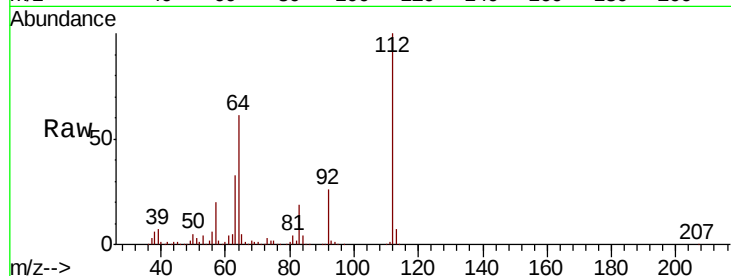
Delta R.T. 0.00 min

Lab File: BF110413.D

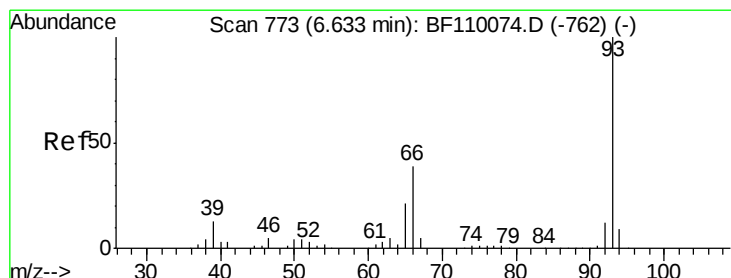
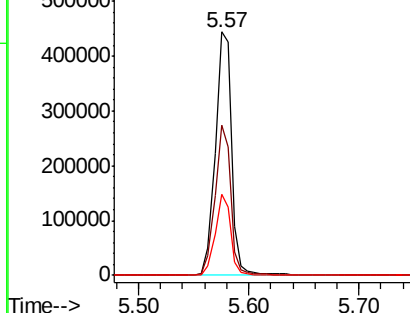
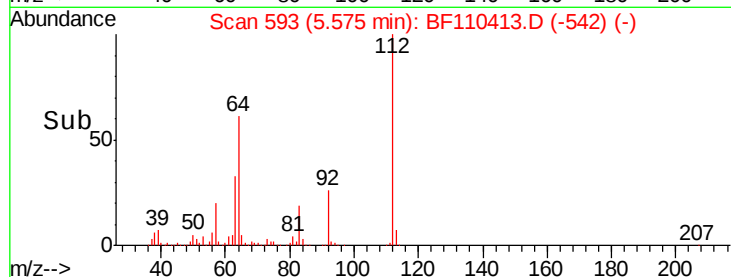
Acq: 2 Nov 2018 15:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	455140
Ion	Ratio	Lower	Upper
112	100		
64	61.4	44.1	66.1
63	33.3	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



#6

Aniline

Concen: 40.256 ng

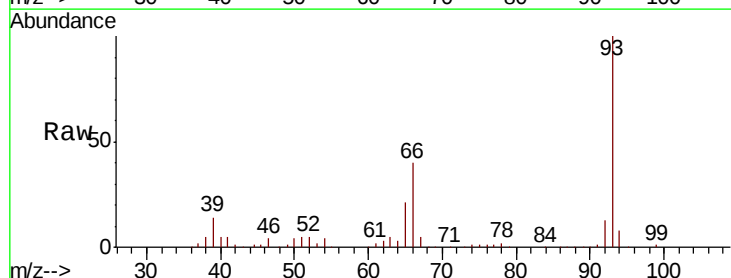
RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

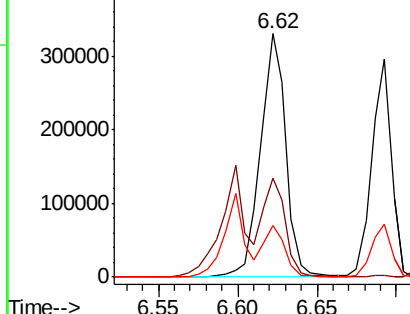
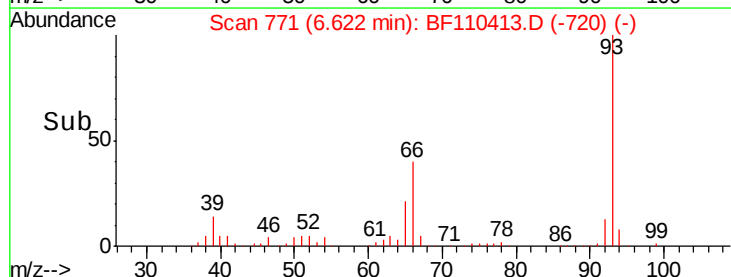
Lab File: BF110413.D

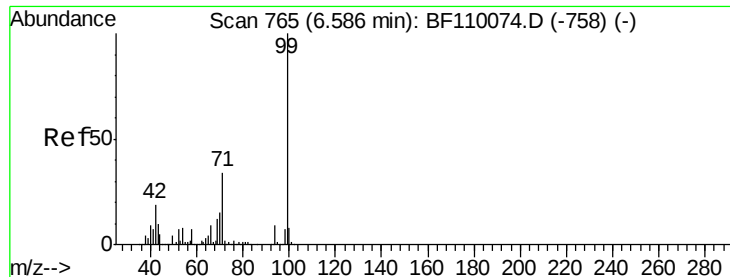
Acq: 2 Nov 2018 15:50

Tgt Ion:	93	Resp:	371468
Ion	Ratio	Lower	Upper
93	100		
66	40.5	67.4	101.0#
65	21.2	41.0	61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.160 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF110413.D

Acq: 2 Nov 2018 15:50

Instrument :

BNA_F

ClientSampleId :

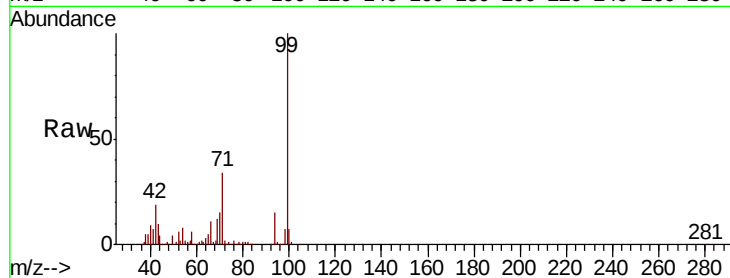
Tot Ion: 99 Resp: 574906

Ion Ratio Lower Upper

99 100

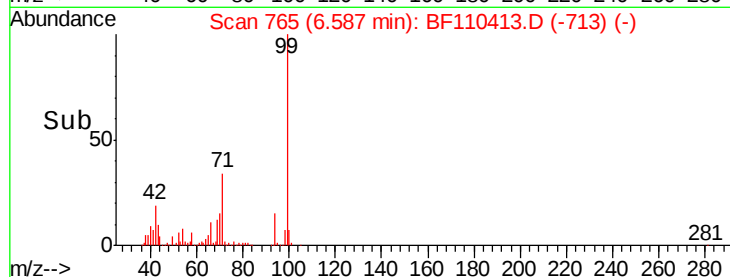
42 18.7 15.8 23.6

71 34.2 28.0 42.0

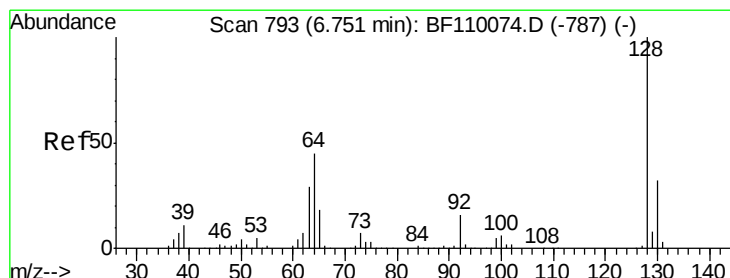


Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1

6.59



Time--> 6.50 6.55 6.60 6.65



#8

2-Chlorophenol

Concen: 41.969 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF110413.D

Acq: 2 Nov 2018 15:50

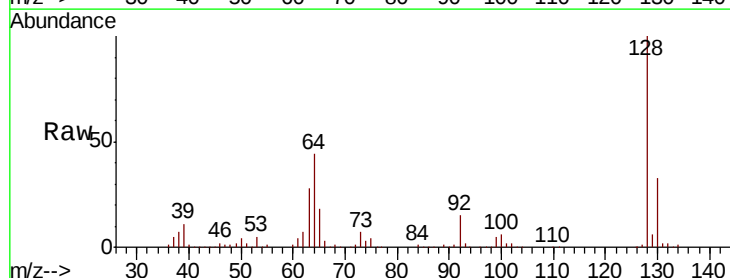
Tgt Ion: 128 Resp: 267970

Ion Ratio Lower Upper

128 100

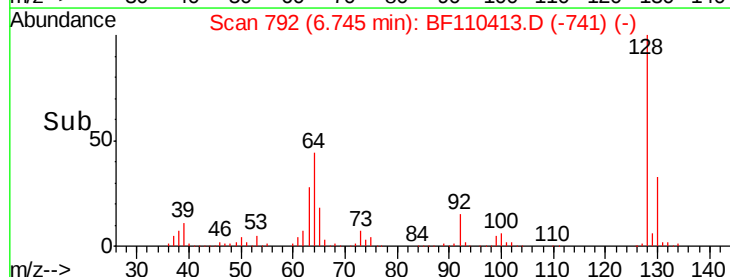
130 33.1 13.1 53.1

64 44.3 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

6.75



Time--> 6.70 6.75 6.80



#9

Benzaldehyde

Concen: 38.381 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF110413.D

Acq: 2 Nov 2018 15:50

Instrument :

BNA_F

ClientSampleId :

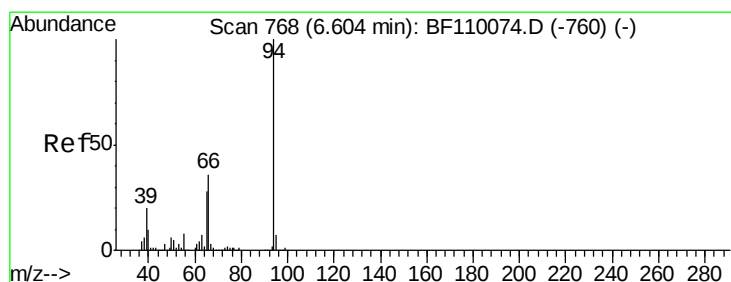
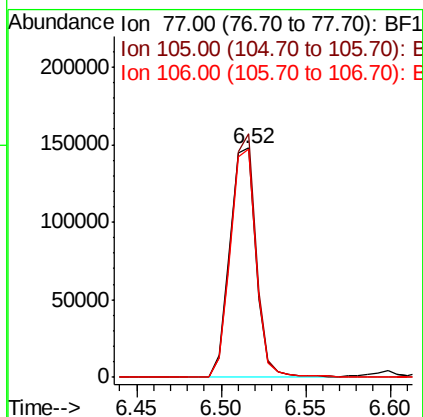
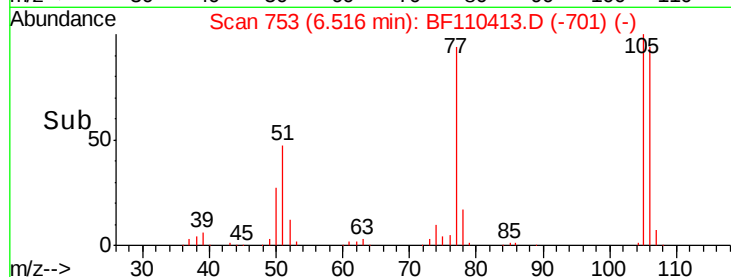
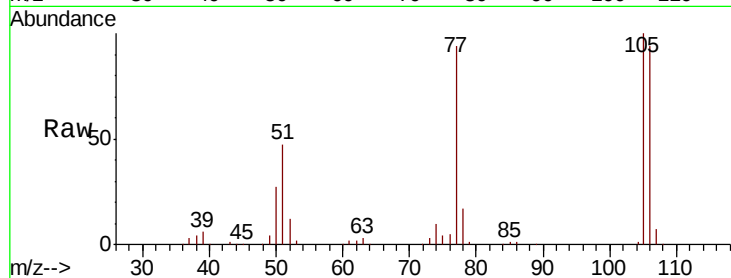
Tot Ion: 77 Resp: 159734

Ion Ratio Lower Upper

77 100

105 106.2 78.6 118.6

106 99.4 74.8 114.8



#10

Phenol

Concen: 43.846 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF110413.D

Acq: 2 Nov 2018 15:50

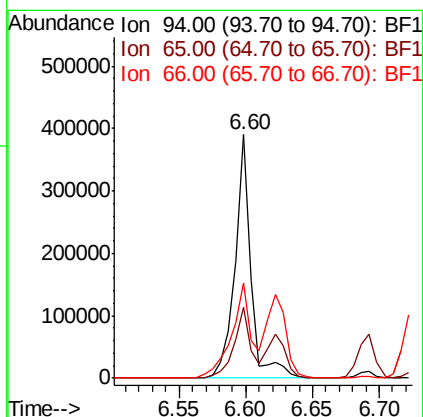
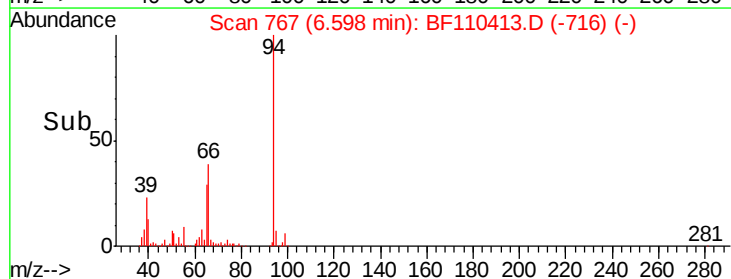
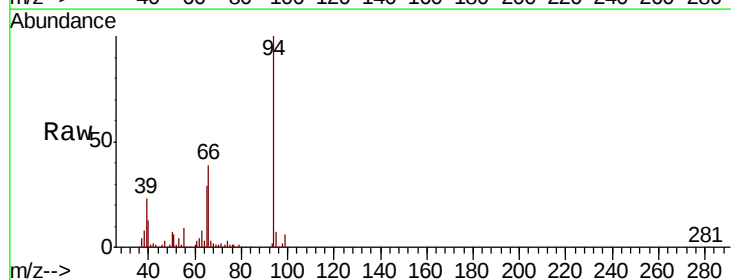
Tgt Ion: 94 Resp: 331997

Ion Ratio Lower Upper

94 100

65 29.1 25.3 65.3

66 39.1 54.5 94.5#

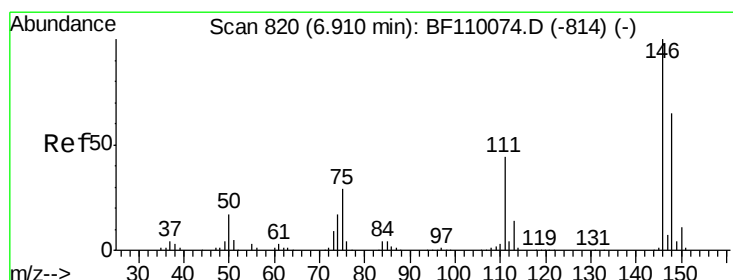
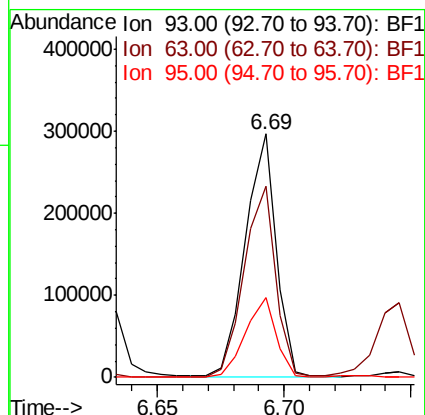
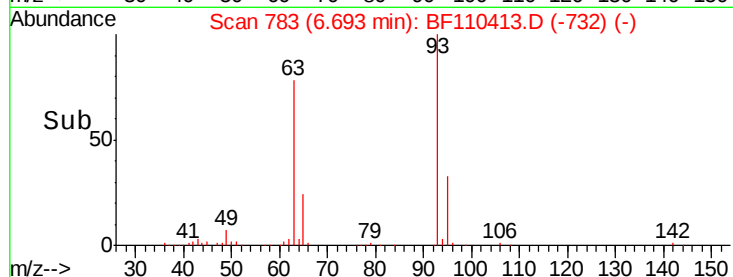
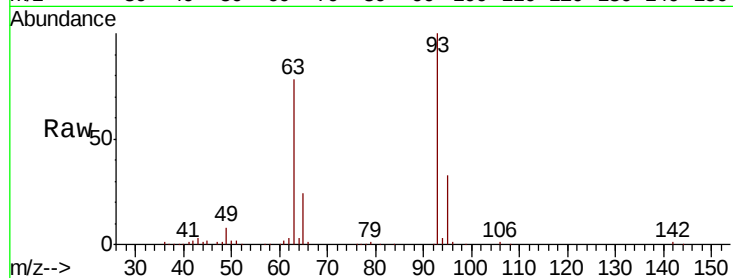




#11
 bis(2-Chloroethyl)ether
 Concen: 40.289 ng
 RT: 6.69 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF110413.D
 Acq: 2 Nov 2018 15:50

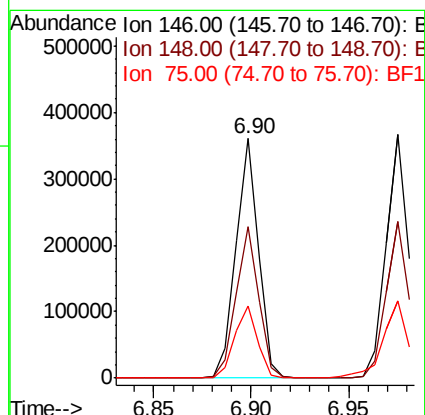
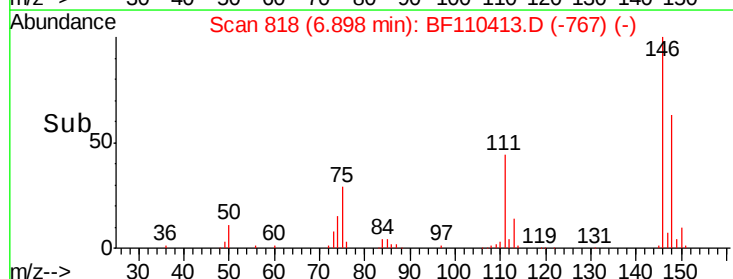
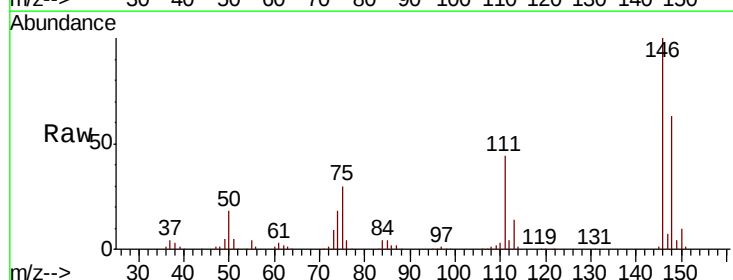
Instrument :
 BNA_F
 ClientSampleId :

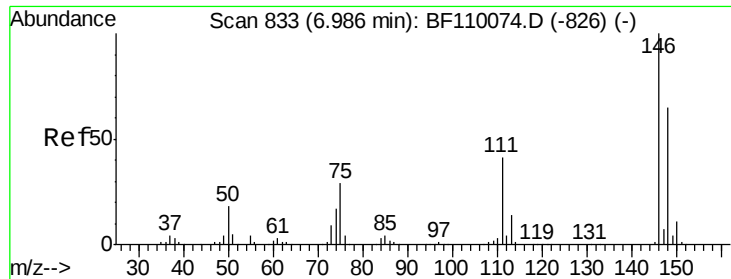
Tot Ion: 93 Resp: 250979
 Ion Ratio Lower Upper
 93 100
 63 78.4 53.4 93.4
 95 32.5 12.1 52.1



#12
 1,3-Dichlorobenzene
 Concen: 41.259 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF110413.D
 Acq: 2 Nov 2018 15:50

Tgt Ion: 146 Resp: 289909
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.4 75.6
 75 29.9 25.8 38.6

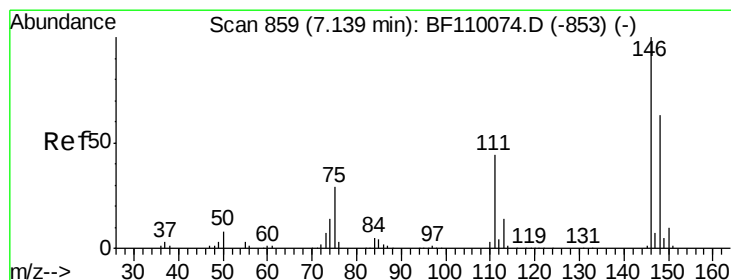
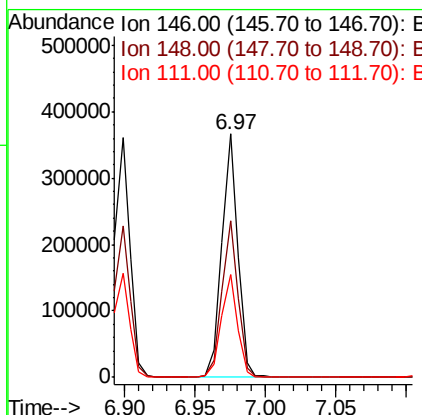
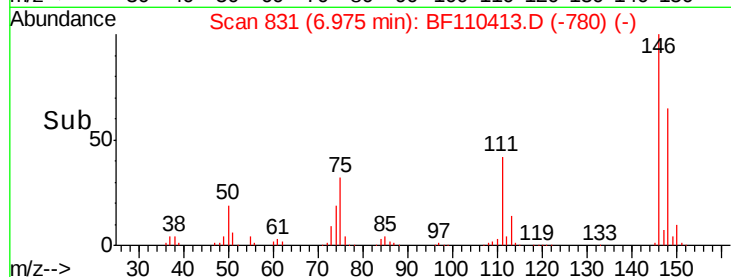
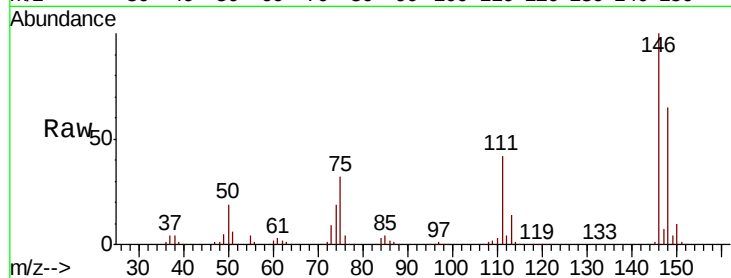




#13
 1,4-Dichlorobenzene
 Concen: 40.946 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF110413.D
 Acq: 2 Nov 2018 15:50

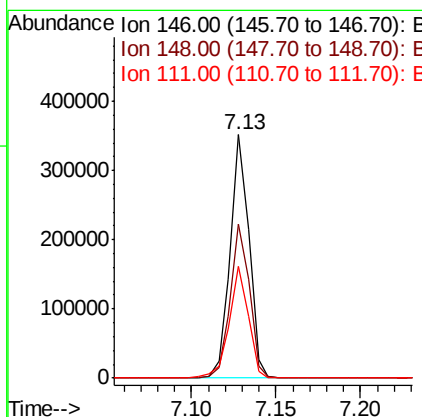
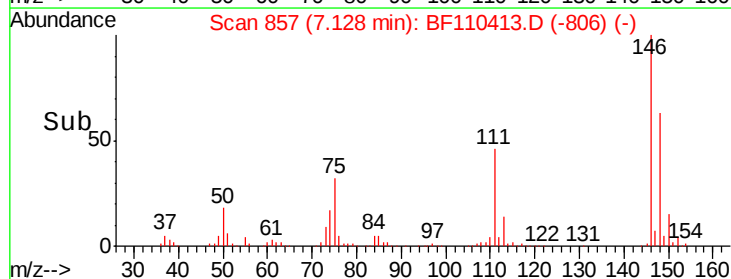
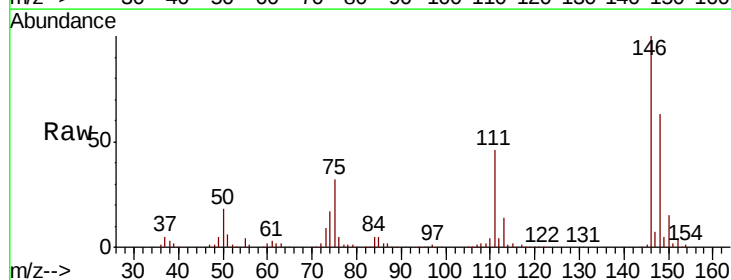
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.3	75.5
111	42.3	32.7	49.1



#14
 1,2-Dichlorobenzene
 Concen: 41.237 ng
 RT: 7.13 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF110413.D
 Acq: 2 Nov 2018 15:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.1	76.7
111	46.1	35.8	53.6





#15

Benzyl Alcohol

Concen: 42.084 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF110413.D

Acq: 2 Nov 2018 15:50

Instrument :

BNA_F

ClientSampleId :

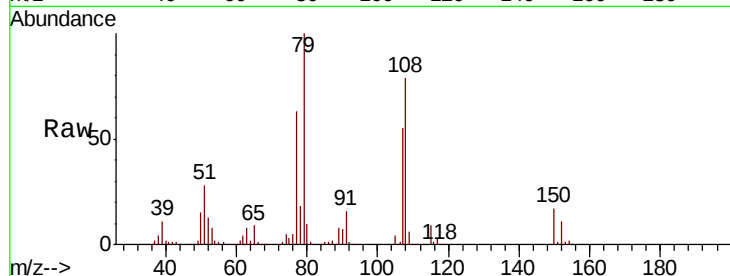
Tot Ion: 79 Resp: 229279

Ion Ratio Lower Upper

79 100

108 78.7 56.3 84.5

77 63.2 52.9 79.3

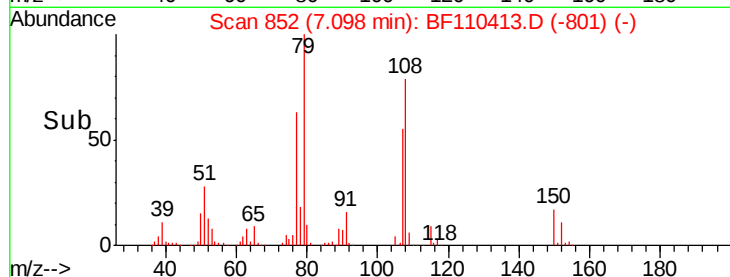


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Time-->



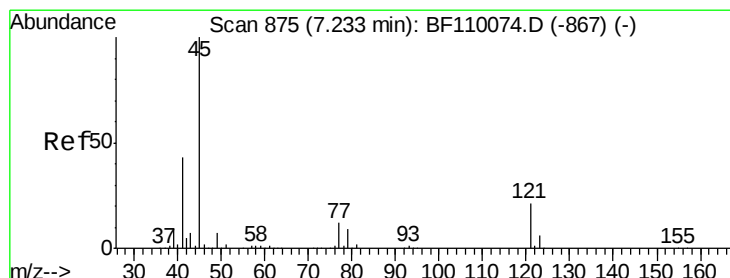
Abundance

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

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.999 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF110413.D

Acq: 2 Nov 2018 15:50

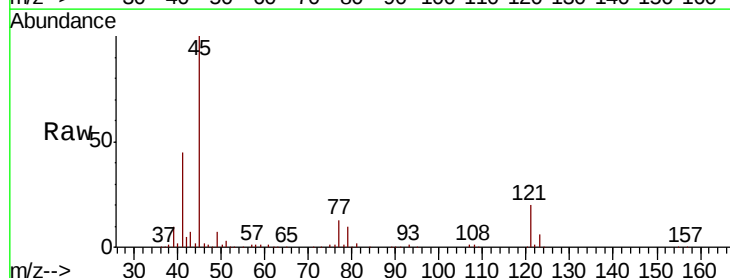
Tgt Ion: 45 Resp: 398406

Ion Ratio Lower Upper

45 100

77 13.0 10.0 50.0

79 10.3 6.1 46.1

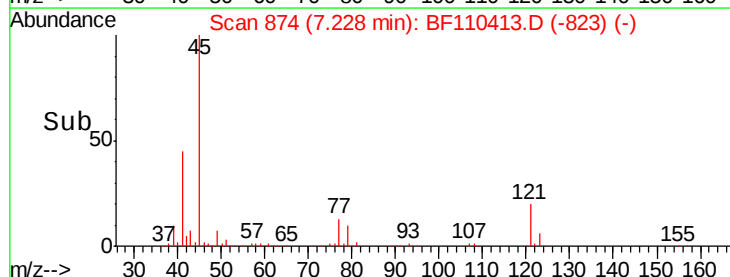


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

Time-->



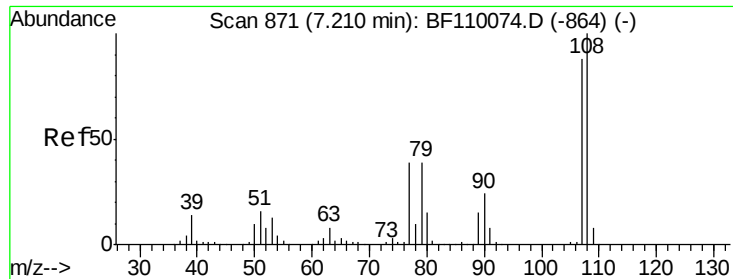
Abundance

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

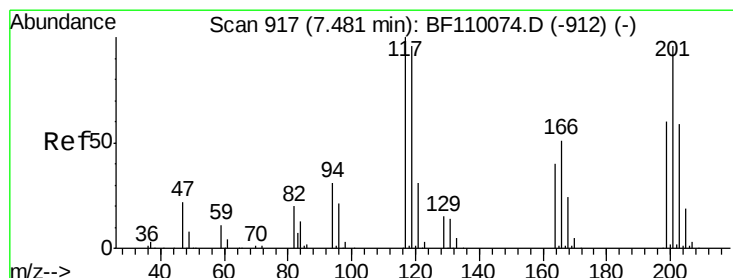
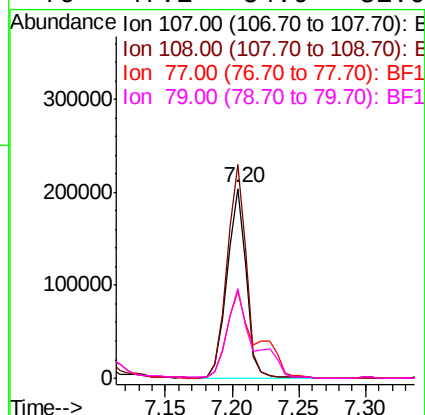
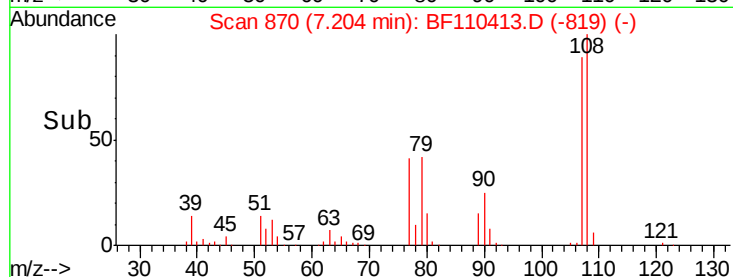
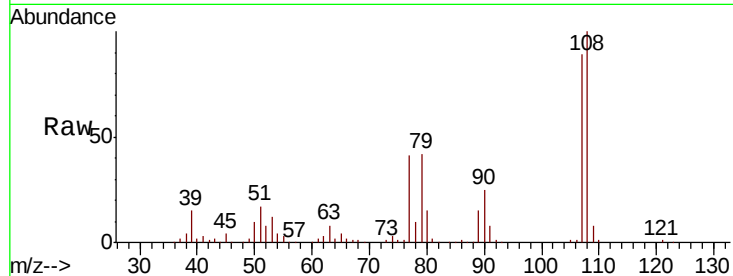
Time-->



#17
2-Methylphenol
Concen: 41.041 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF110413.D
Acq: 2 Nov 2018 15:50

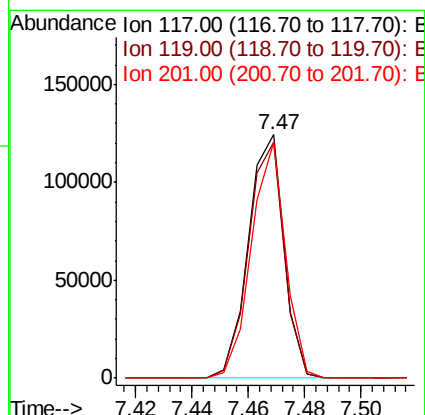
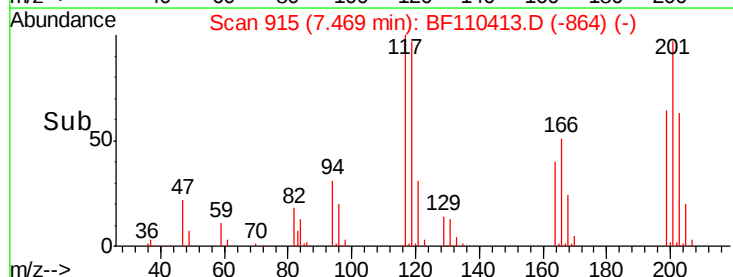
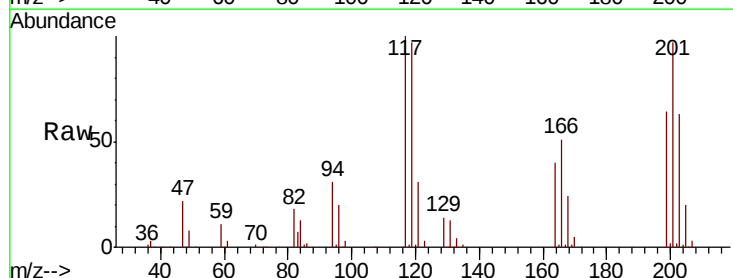
Instrument :
BNA_F
ClientSampleId :

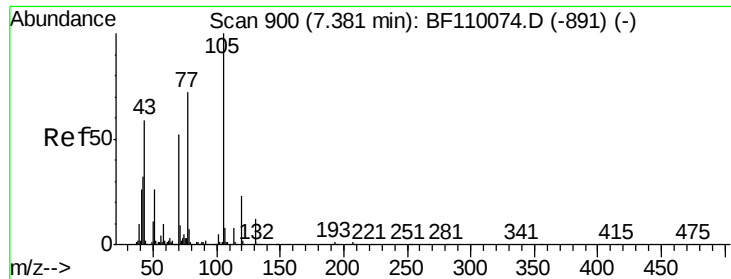
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.6	92.6	138.8
77	46.2	59.4	89.2#
79	47.1	54.0	81.0#



#18
Hexachloroethane
Concen: 41.609 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF110413.D
Acq: 2 Nov 2018 15:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	75.0	112.6
201	96.7	79.2	118.8

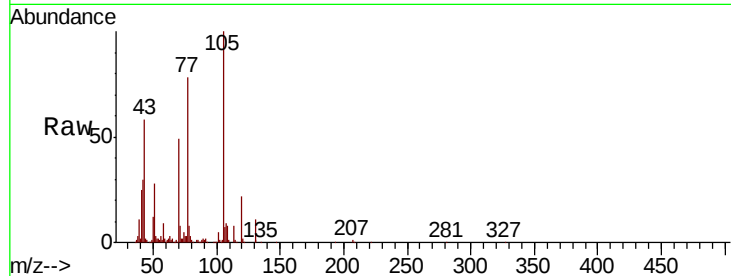




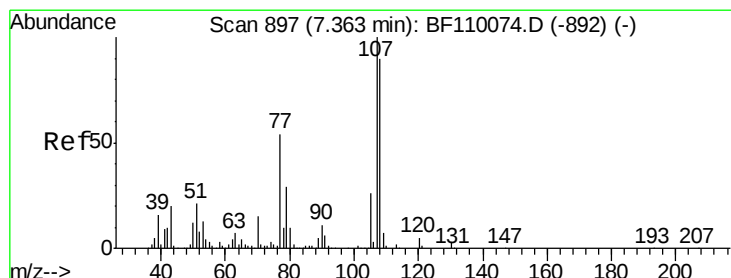
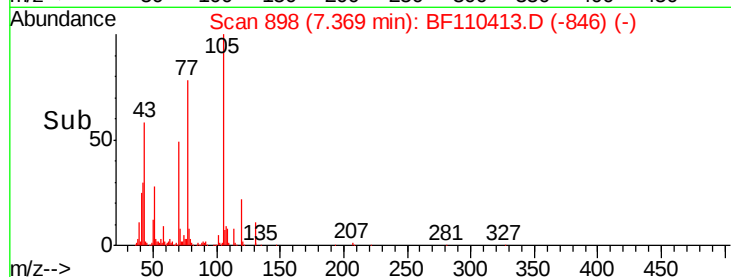
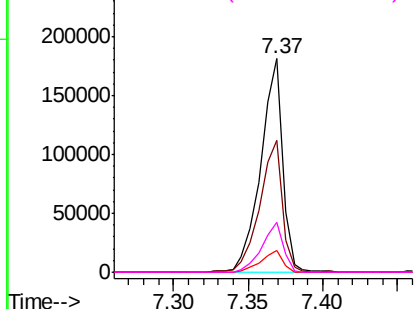
#19
n-Nitroso-di-n-propylamine
Concen: 40.187 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF110413.D
Acq: 2 Nov 2018 15:50

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 182628
Ion Ratio Lower Upper
70 100
42 62.0 47.4 71.2
101 10.3 7.3 10.9
130 23.1 16.2 24.2

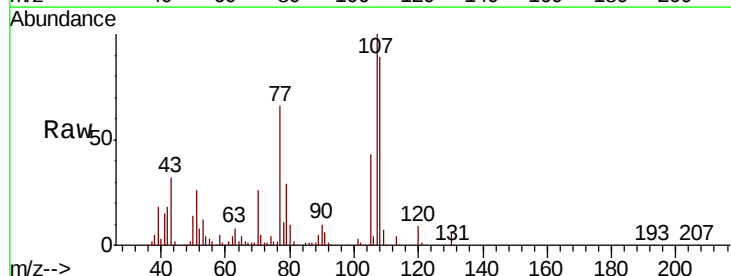


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

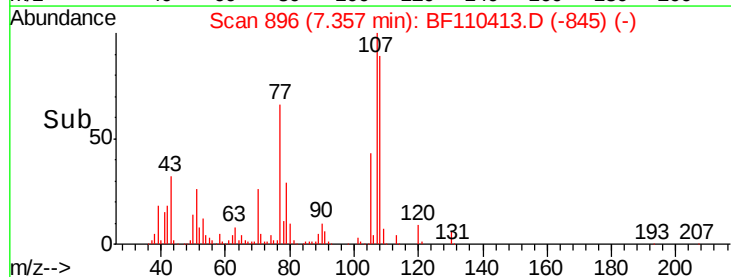
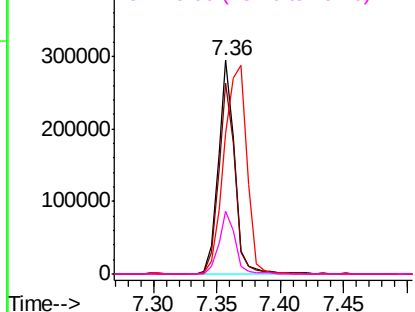


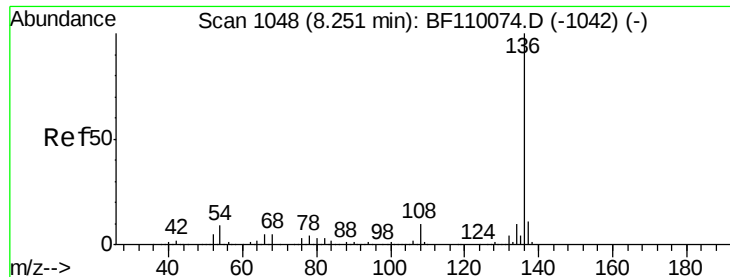
#20
3+4-Methylphenols
Concen: 40.859 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110413.D
Acq: 2 Nov 2018 15:50

Tgt Ion:107 Resp: 268752
Ion Ratio Lower Upper
107 100
108 89.5 71.4 111.4
77 65.8 47.3 87.3
79 29.3 10.9 50.9



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF110413.D

Acq: 2 Nov 2018 15:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 384451

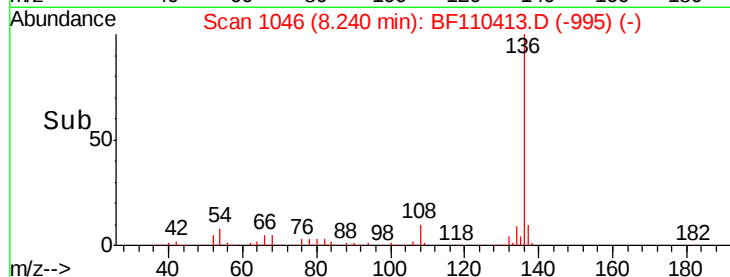
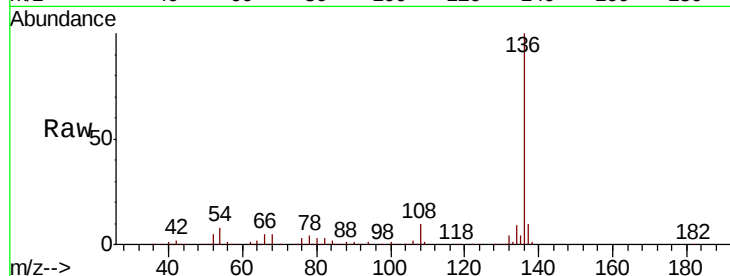
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 8.2 5.4 8.2#

68 5.4 4.2 6.2

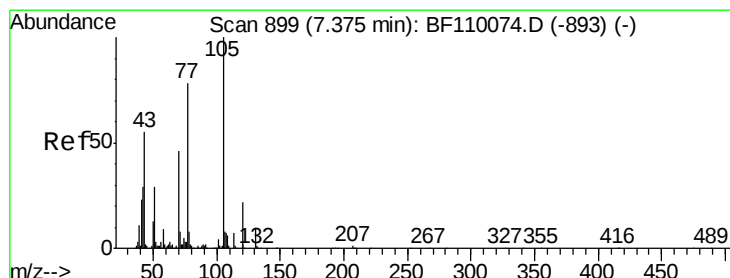
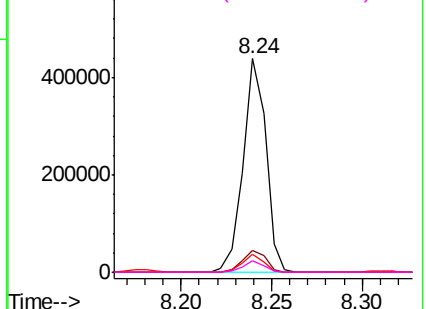


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.946 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF110413.D

Acq: 2 Nov 2018 15:50

Tgt Ion:105 Resp: 362721

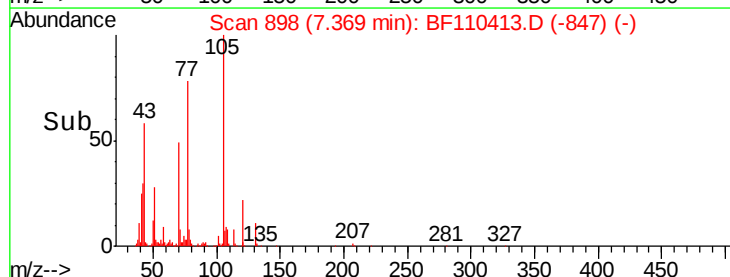
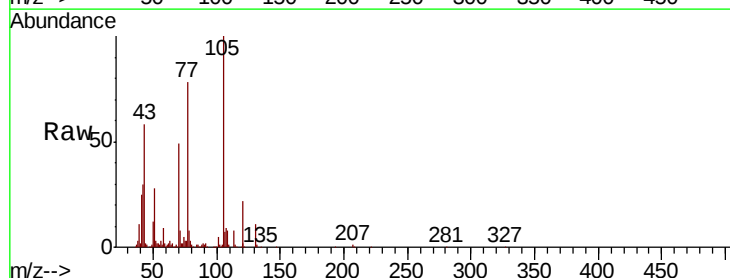
Ion Ratio Lower Upper

105 100

71 8.1 5.2 7.8#

51 28.3 21.8 32.8

120 22.1 17.0 25.4

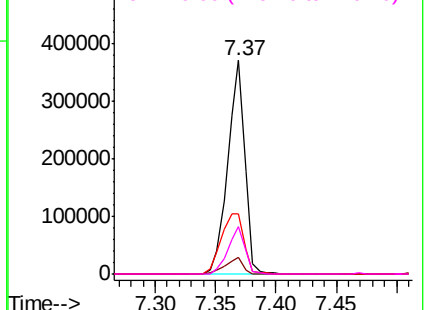


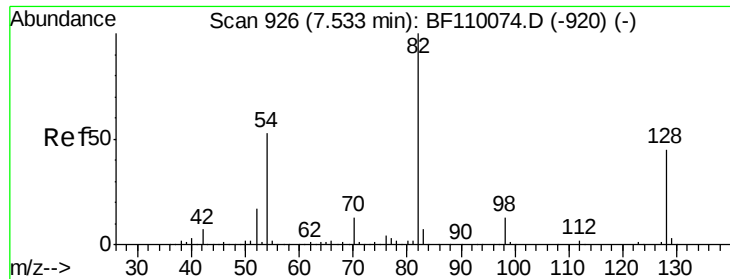
Abundance Ion 105.00 (104.70 to 105.70): E

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

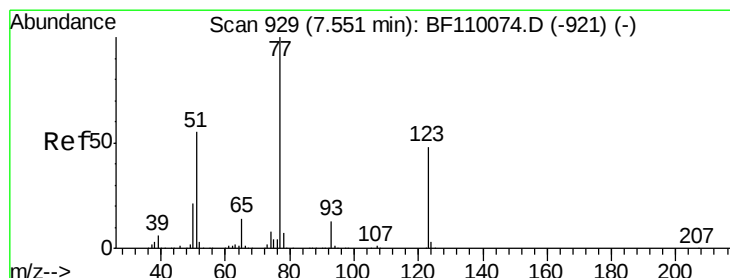
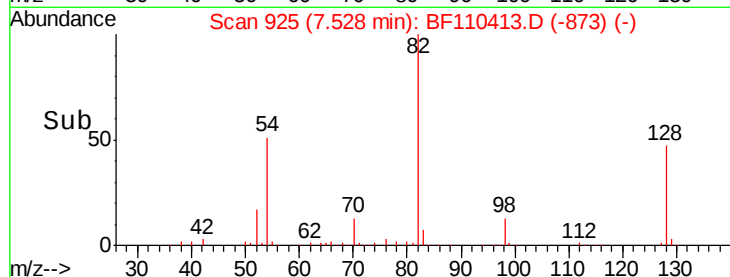
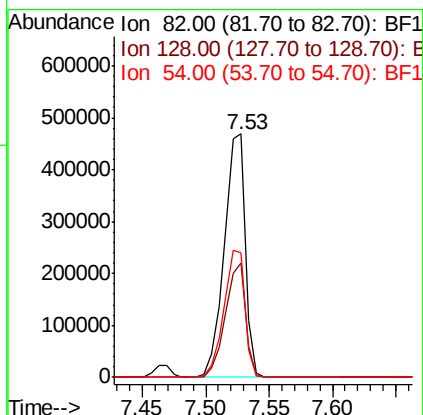
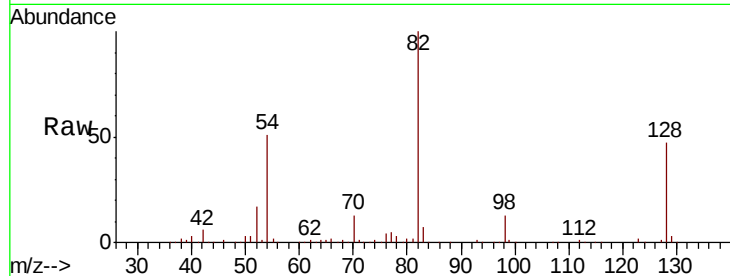




#23
 Nitrobenzene-d5
 Concen: 82.934 ng
 RT: 7.53 min Scan# 925
 Delta R.T. 0.01 min
 Lab File: BF110413.D
 Acq: 2 Nov 2018 15:50

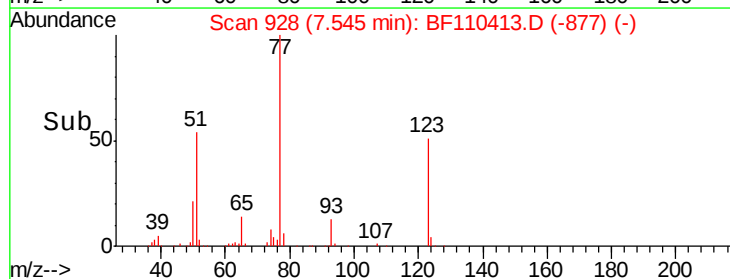
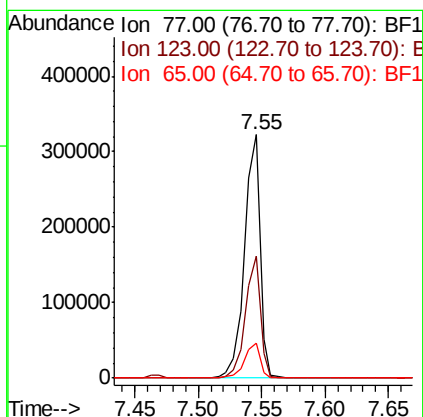
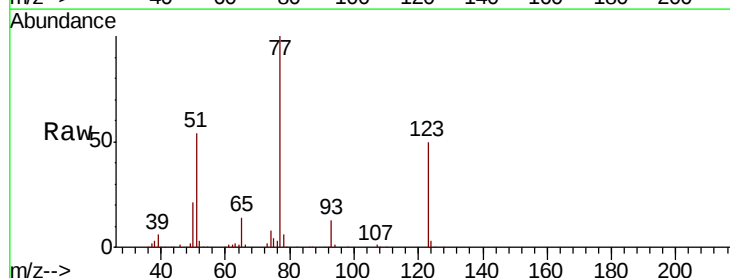
Instrument :
 BNA_F
 ClientSampled :

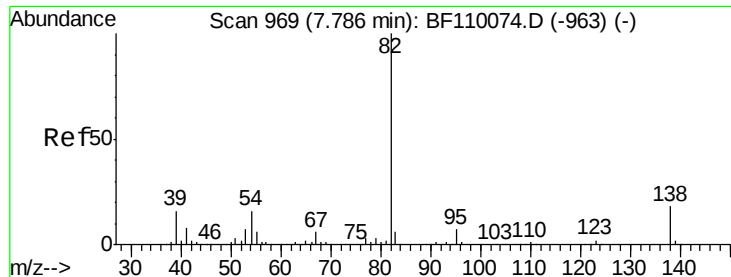
Tot Ion	82	Resp	537557
Ion Ratio	100	Lower	Upper
128	47.0	34.2	51.2
54	51.3	38.6	58.0



#24
 Nitrobenzene
 Concen: 40.976 ng
 RT: 7.55 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: BF110413.D
 Acq: 2 Nov 2018 15:50

Tgt Ion	77	Resp	274205
Ion Ratio	100	Lower	Upper
123	50.3	35.7	53.5
65	14.2	10.7	16.1





#25

Isophorone

Concen: 39.751 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BF110413.D

Acq: 2 Nov 2018 15:50

Instrument :

BNA_F

ClientSampled :

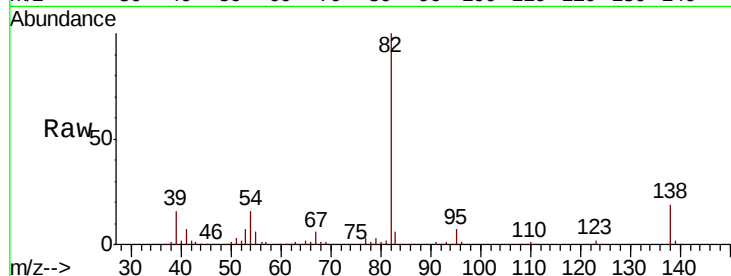
Tot Ion: 82 Resp: 439205

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

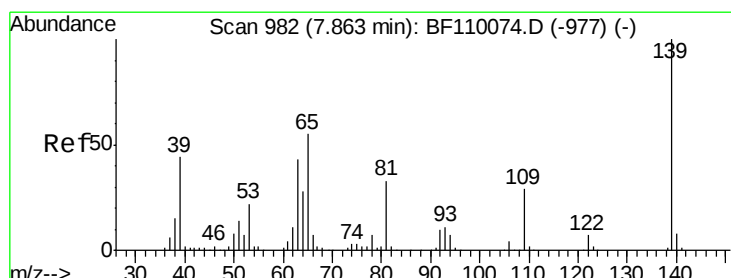
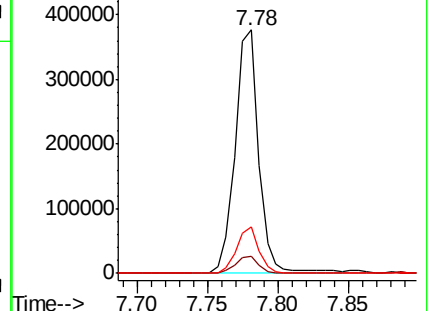
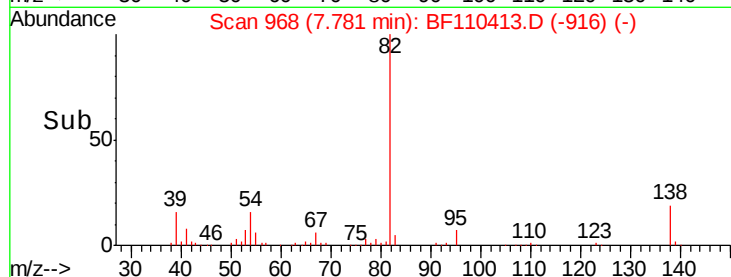
138 19.1 13.2 19.8



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: 45.084 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF110413.D

Acq: 2 Nov 2018 15:50

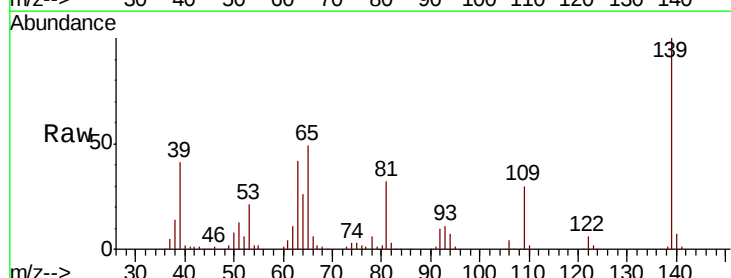
Tgt Ion: 139 Resp: 143567

Ion Ratio Lower Upper

139 100

109 29.8 25.0 37.6

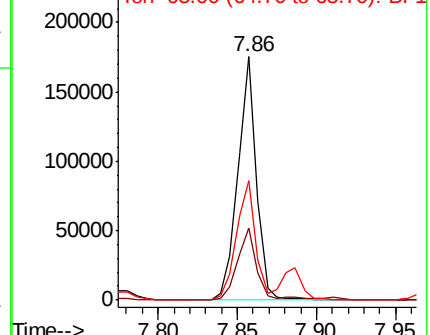
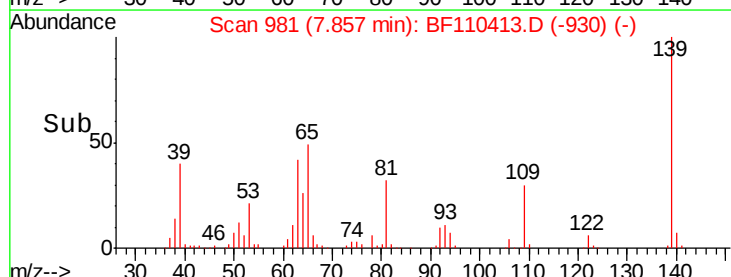
65 49.0 44.0 66.0



Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

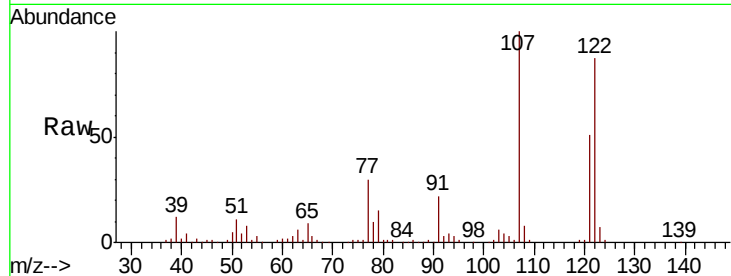




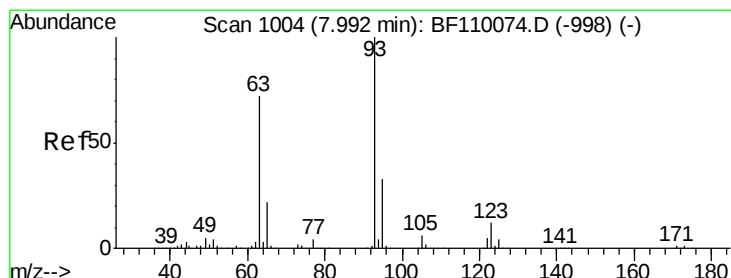
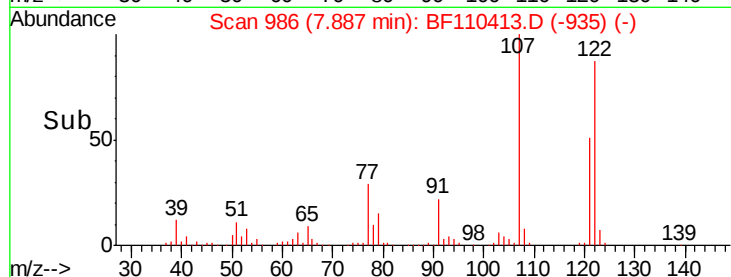
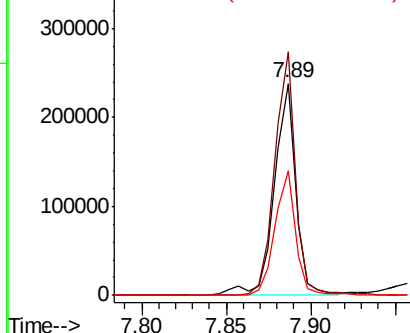
#27
2,4-Dimethylphenol
Concen: 39.762 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF110413.D
Acq: 2 Nov 2018 15:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 209928
Ion Ratio Lower Upper
122 100
107 114.9 92.5 138.7
121 58.5 45.8 68.8

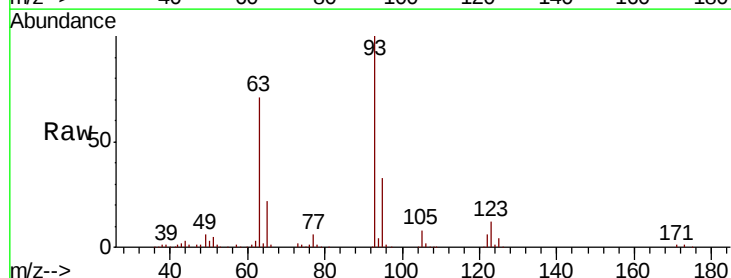


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

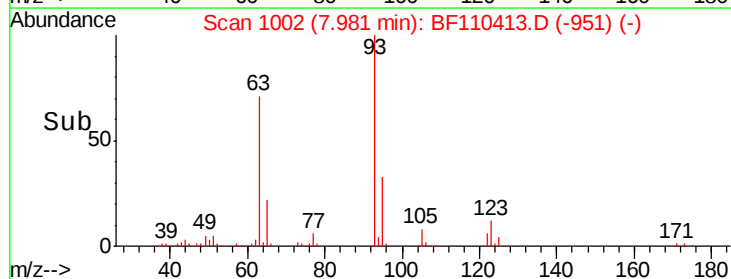
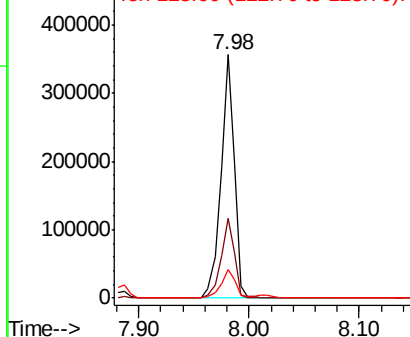


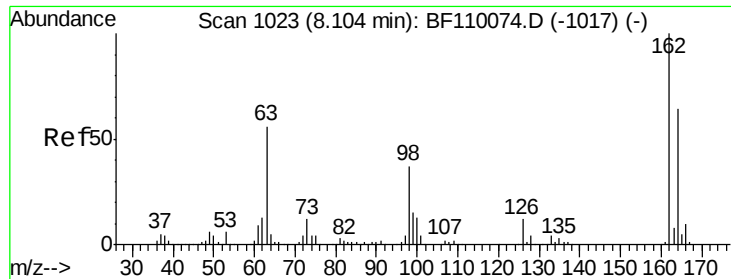
#28
bis(2-Chloroethoxy)methane
Concen: 40.006 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF110413.D
Acq: 2 Nov 2018 15:50

Tgt Ion: 93 Resp: 300278
Ion Ratio Lower Upper
93 100
95 32.7 26.4 39.6
123 11.8 9.0 13.6



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

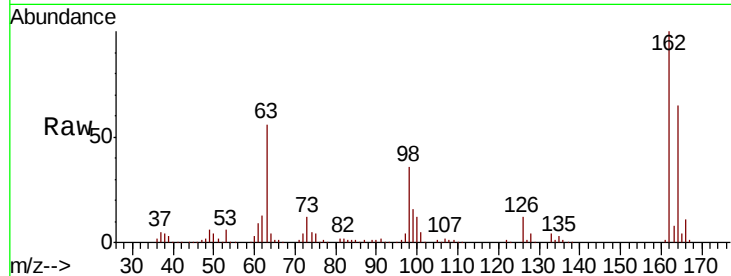




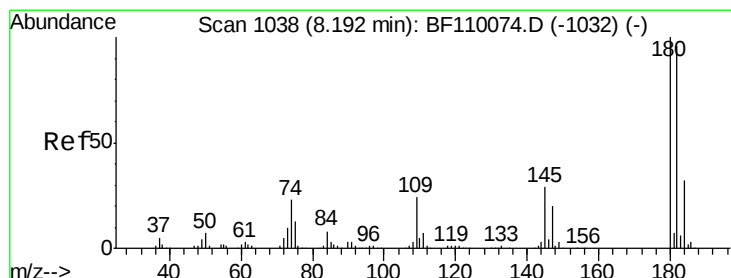
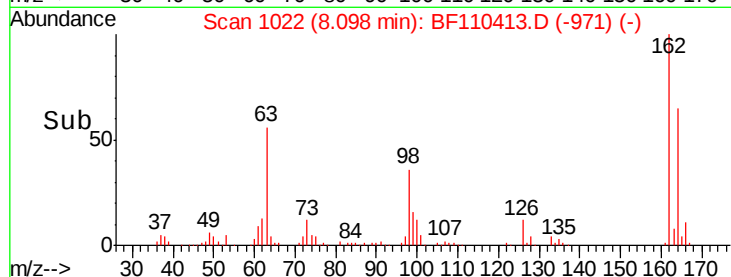
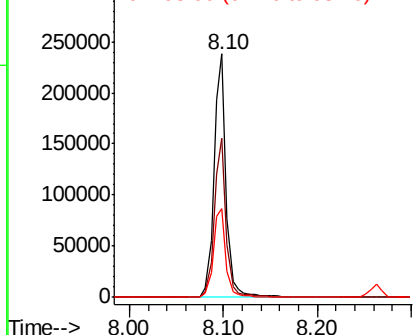
#29
 2,4-Dichlorophenol
 Concen: 40.949 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF110413.D
 Acq: 2 Nov 2018 15:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 218423
 Ion Ratio Lower Upper
 162 100
 164 65.3 44.6 84.6
 98 36.5 17.4 57.4

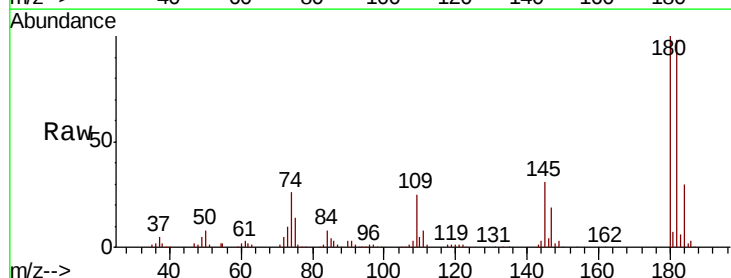


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

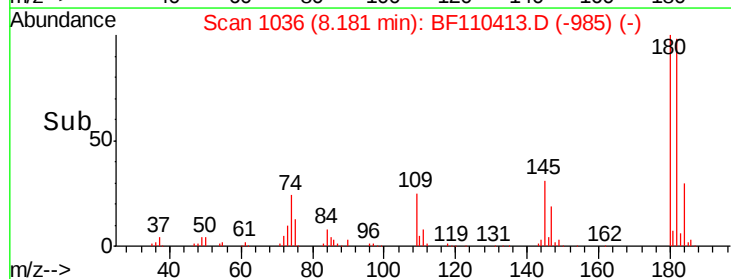
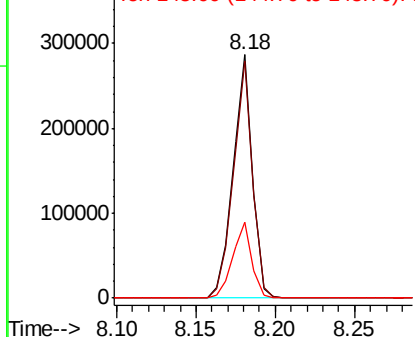


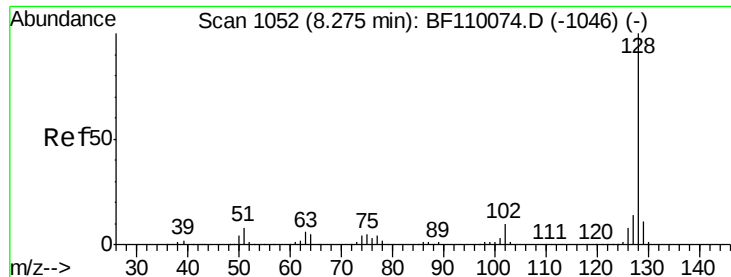
#30
 1,2,4-Trichlorobenzene
 Concen: 40.529 ng
 RT: 8.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF110413.D
 Acq: 2 Nov 2018 15:50

Tgt Ion:180 Resp: 242145
 Ion Ratio Lower Upper
 180 100
 182 97.7 80.3 120.5
 145 31.0 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

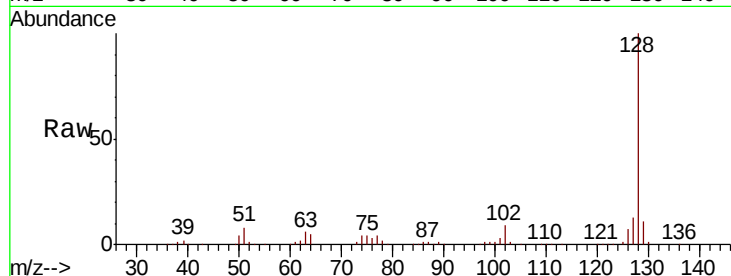




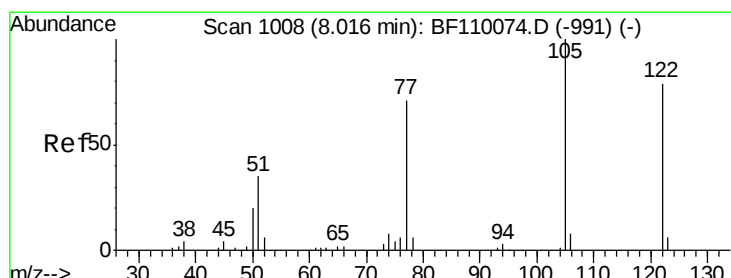
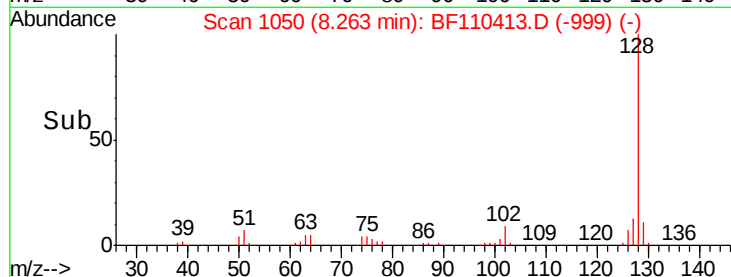
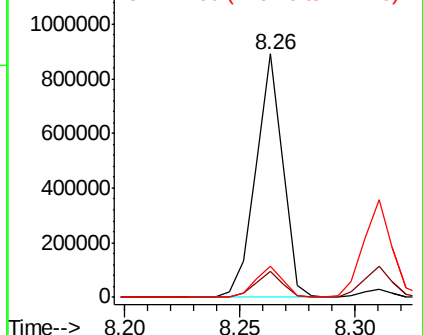
#31
Naphthalene
Concen: 41.074 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF110413.D
Acq: 2 Nov 2018 15:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 727788
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.9 10.8 16.2

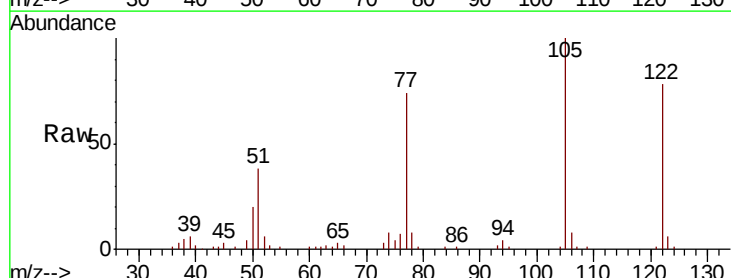


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

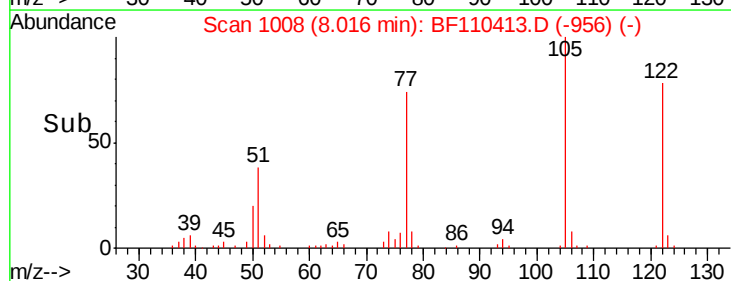
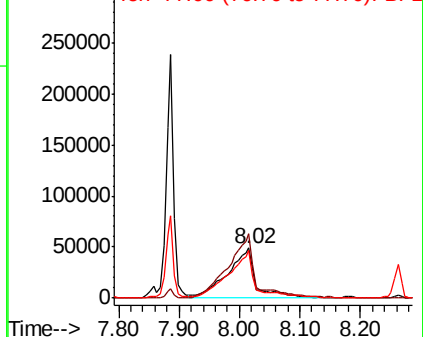


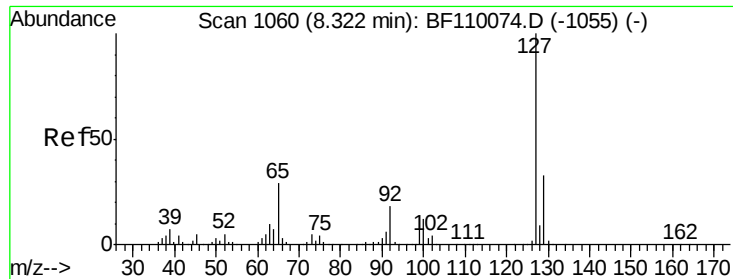
#32
Benzoic acid
Concen: 38.550 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF110413.D
Acq: 2 Nov 2018 15:50

Tgt Ion:122 Resp: 157306
Ion Ratio Lower Upper
122 100
105 128.5 109.0 149.0
77 95.1 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

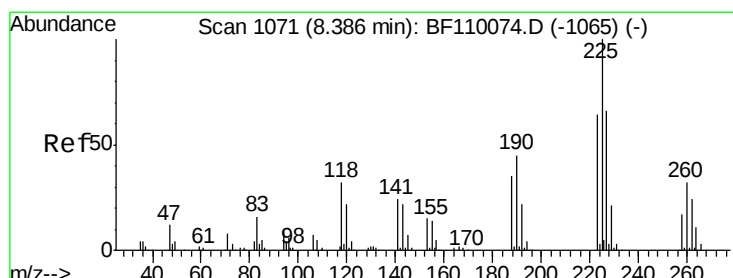
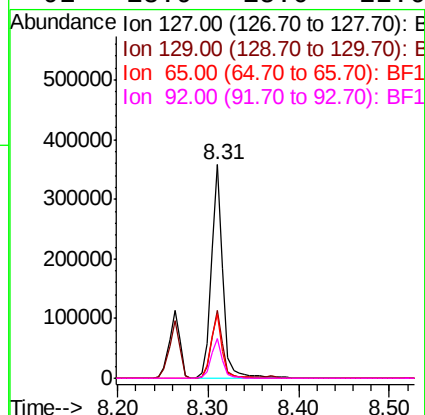
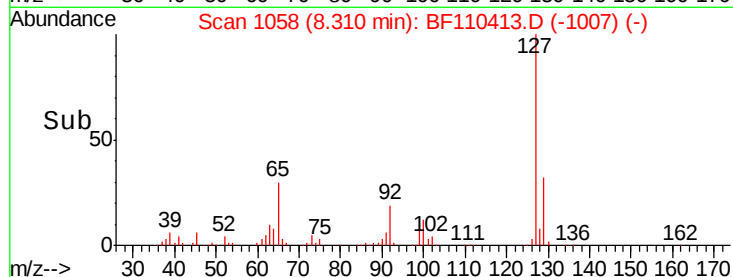
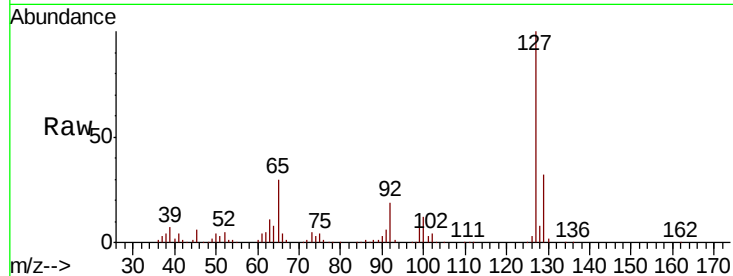




#33
4-Chloroaniline
Concen: 40.466 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF110413.D
Acq: 2 Nov 2018 15:50

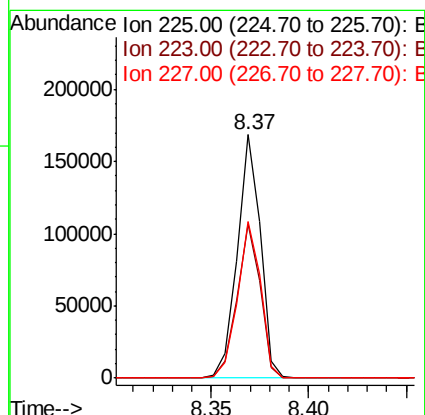
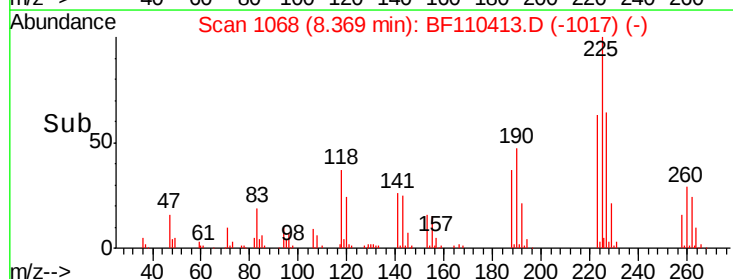
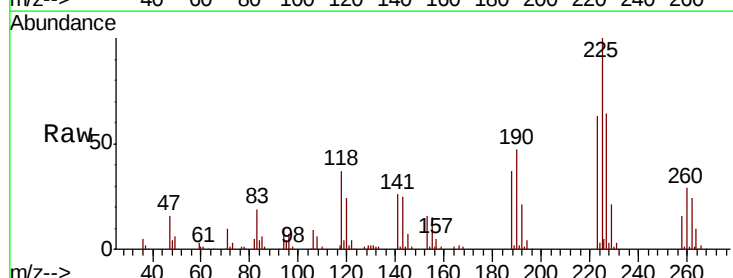
Instrument :
BNA_F
ClientSampleId :

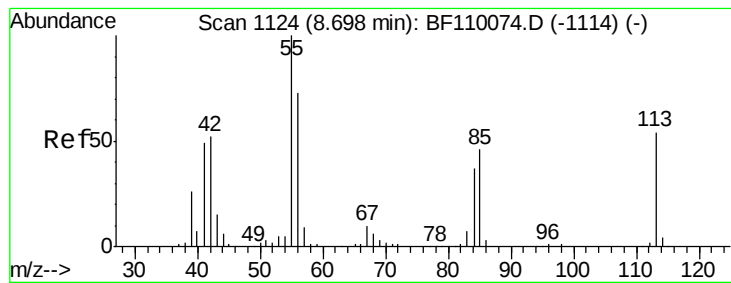
Tot Ion:	127	Resp:	322696
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.0	39.0
65	30.2	25.1	37.7
92	18.9	15.0	22.6



#34
Hexachlorobutadiene
Concen: 41.704 ng
RT: 8.37 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF110413.D
Acq: 2 Nov 2018 15:50

Tgt Ion:	225	Resp:	138349
Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.4	77.2
227	64.2	51.0	76.6





#35

Caprolactam

Concen: 39.257 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BF110413.D

Acq: 2 Nov 2018 15:50

Instrument :

BNA_F

ClientSampled :

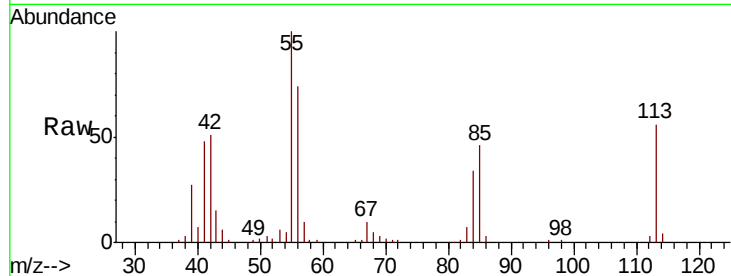
Tot Ion:113 Resp: 72984

Ion Ratio Lower Upper

113 100

55 179.7 142.8 182.8

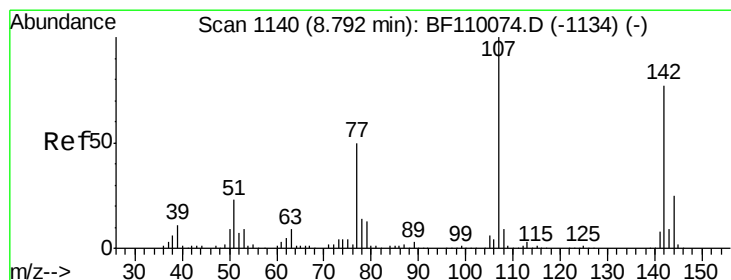
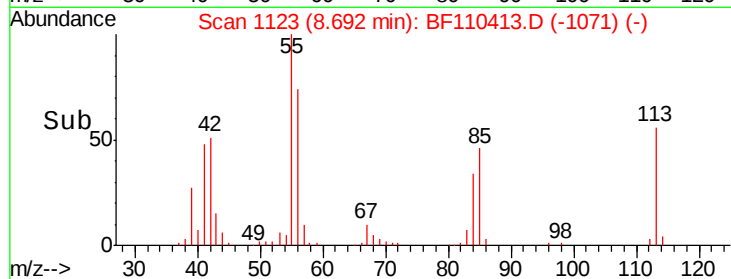
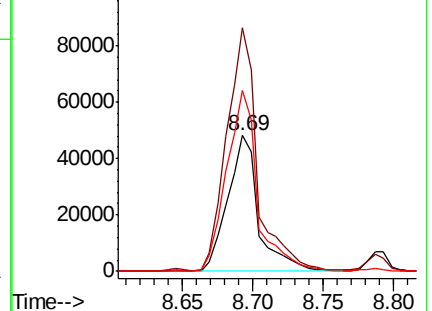
56 133.4 105.0 145.0



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: 41.299 ng

RT: 8.79 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF110413.D

Acq: 2 Nov 2018 15:50

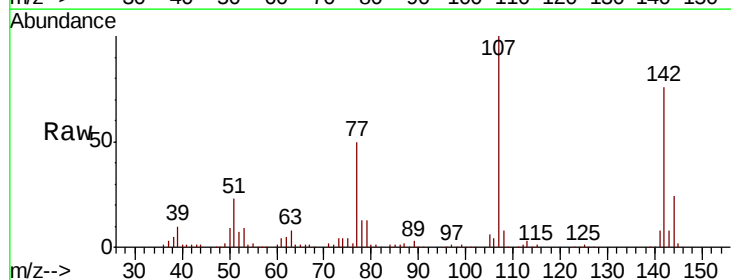
Tgt Ion:107 Resp: 238210

Ion Ratio Lower Upper

107 100

144 23.7 20.0 30.0

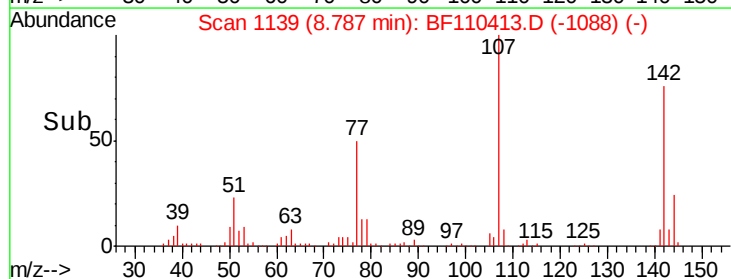
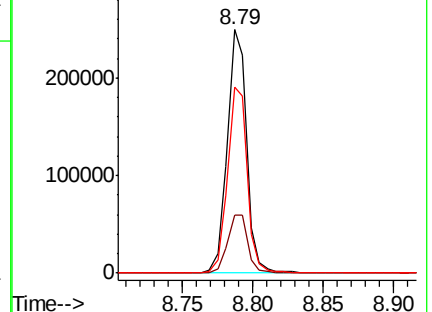
142 76.3 59.7 89.5

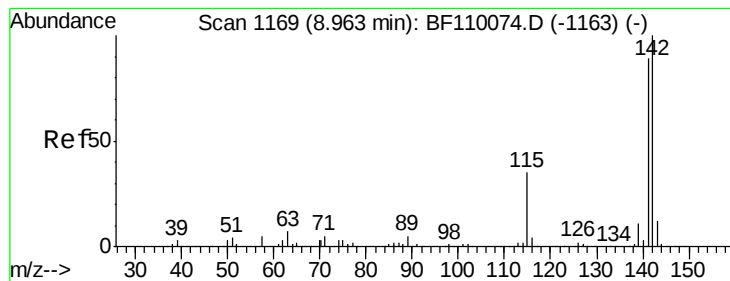


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.686 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF110413.D

Acq: 2 Nov 2018 15:50

Instrument :

BNA_F

ClientSampleId :

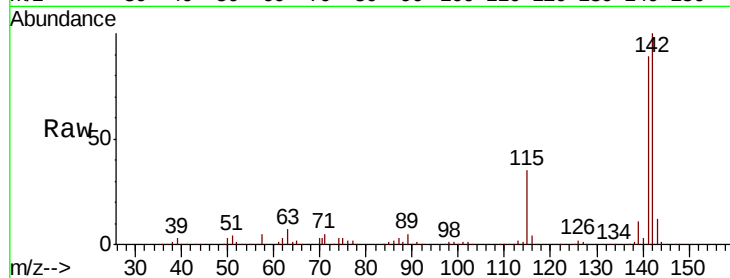
Tot Ion:142 Resp: 476981

Ion Ratio Lower Upper

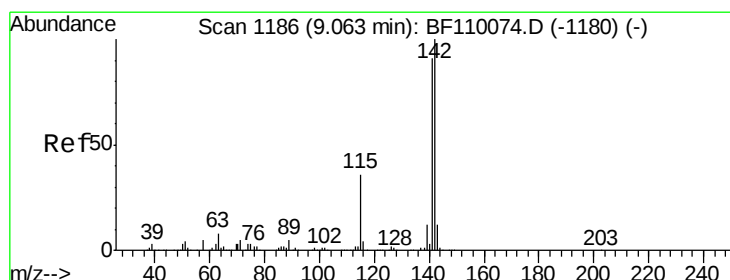
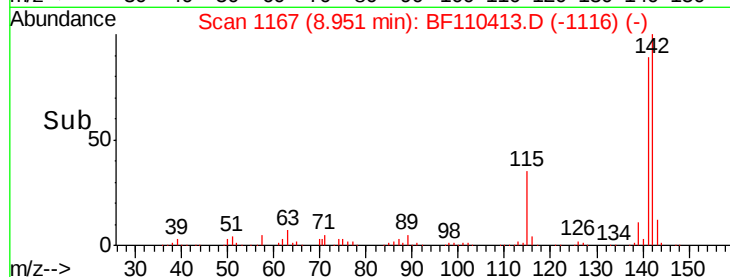
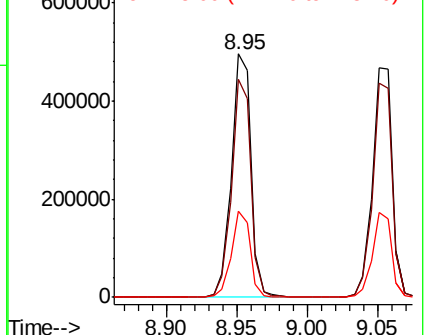
142 100

141 89.5 71.4 107.2

115 35.2 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: 40.225 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF110413.D

Acq: 2 Nov 2018 15:50

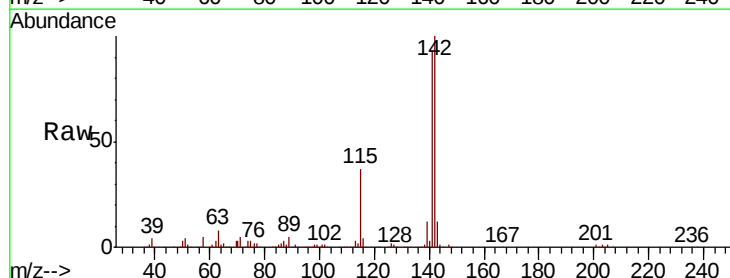
Tgt Ion:142 Resp: 455714

Ion Ratio Lower Upper

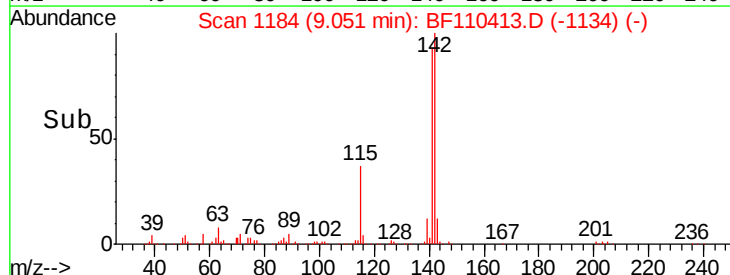
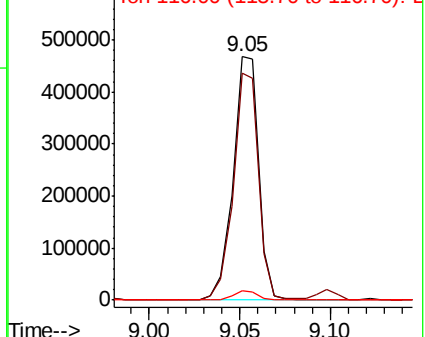
142 100

141 93.0 74.2 111.4

116 4.0 2.6 4.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110413.D

Acq: 2 Nov 2018 15:50

Instrument :

BNA_F

ClientSampled :

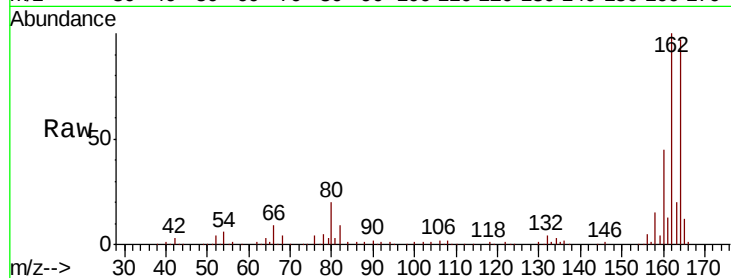
Tot Ion:164 Resp: 182972

Ion Ratio Lower Upper

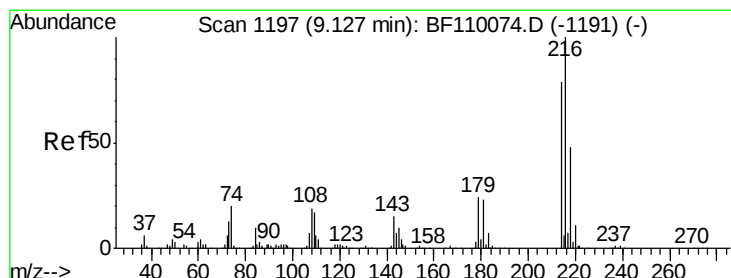
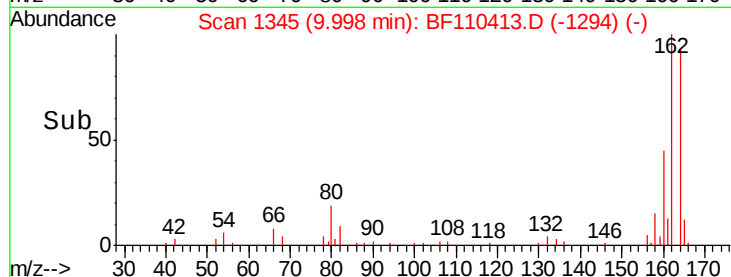
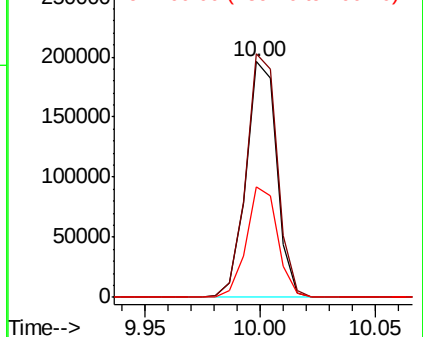
164 100

162 103.4 83.0 124.6

160 46.8 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: 41.150 ng

RT: 9.12 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BF110413.D

Acq: 2 Nov 2018 15:50

Tgt Ion:216 Resp: 234596

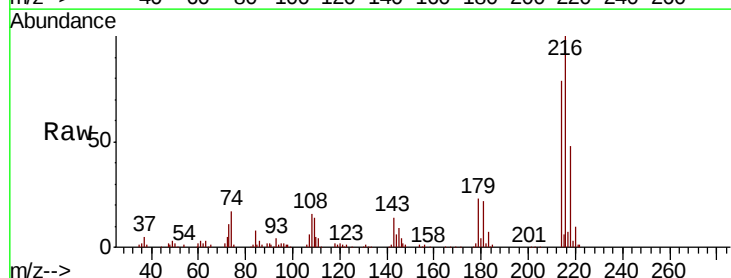
Ion Ratio Lower Upper

216 100

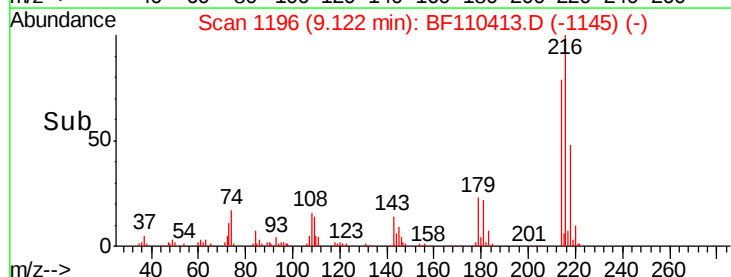
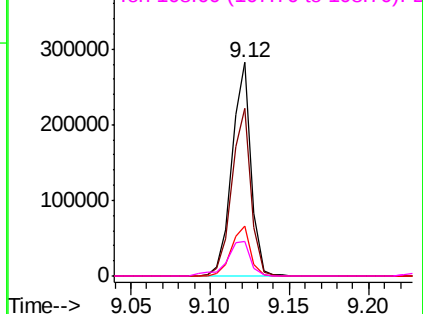
214 79.0 63.8 95.6

179 23.3 16.6 25.0

108 19.8 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: 39.902 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF110413.D

Acq: 2 Nov 2018 15:50

Instrument :

BNA_F

ClientSampleId :

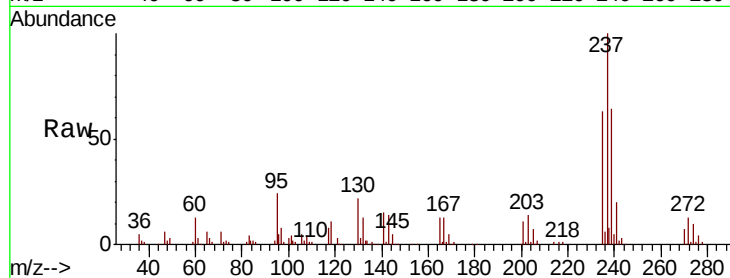
Tot Ion:237 Resp: 116320

Ion Ratio Lower Upper

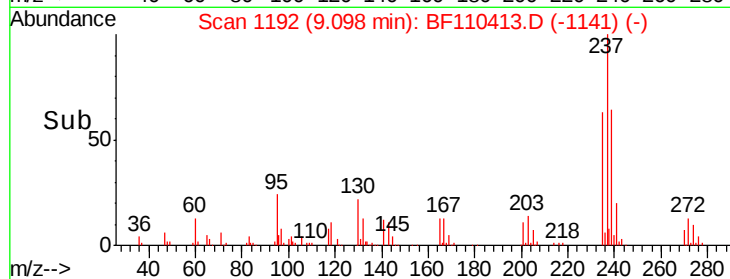
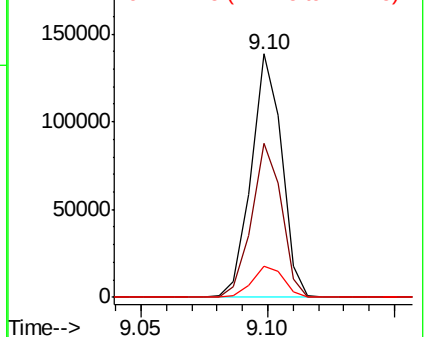
237 100

235 63.3 43.1 83.1

272 12.6 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: 83.735 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF110413.D

Acq: 2 Nov 2018 15:50

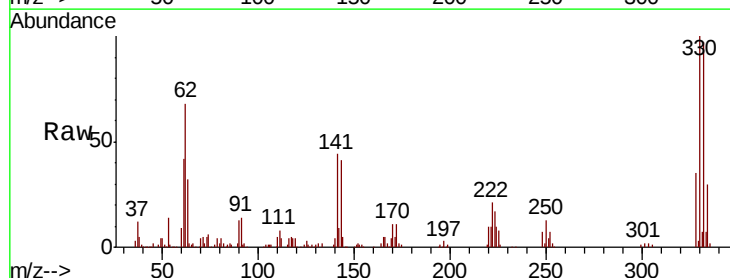
Tgt Ion:330 Resp: 151767

Ion Ratio Lower Upper

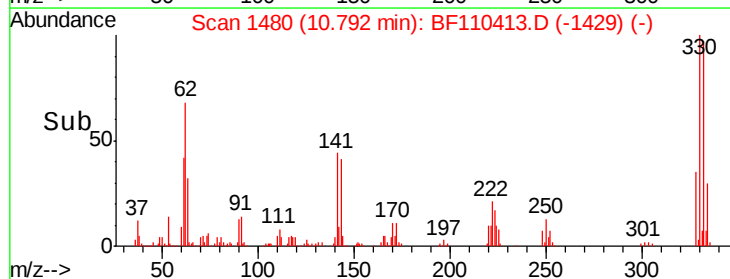
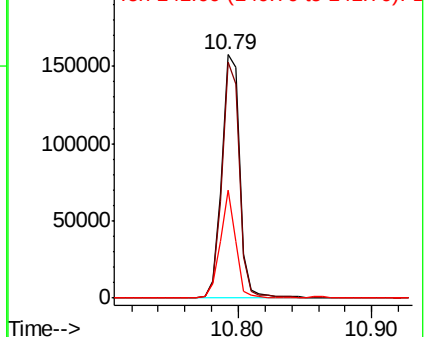
330 100

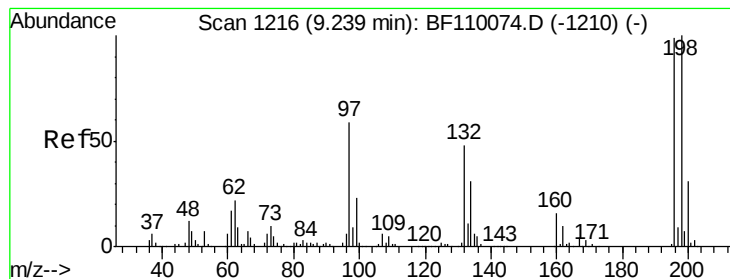
332 94.4 77.1 115.7

141 37.7 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: 41.144 ng

RT: 9.23 min Scan# 1215

Delta R.T. 0.00 min

Lab File: BF110413.D

Acq: 2 Nov 2018 15:50

Instrument :
BNA_F
ClientSampled :

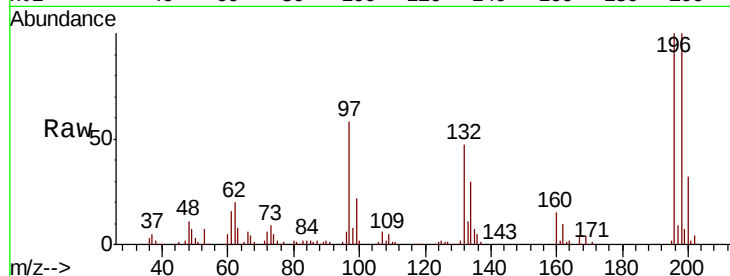
Tot Ion:196 Resp: 151291

Ion Ratio Lower Upper

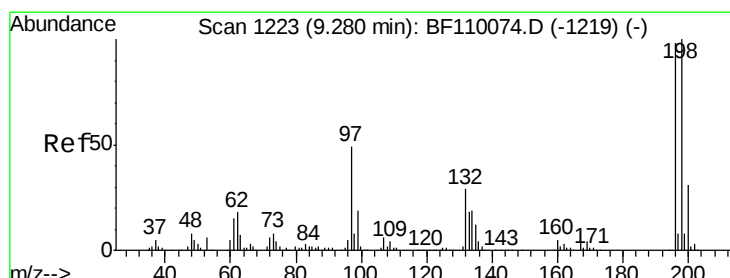
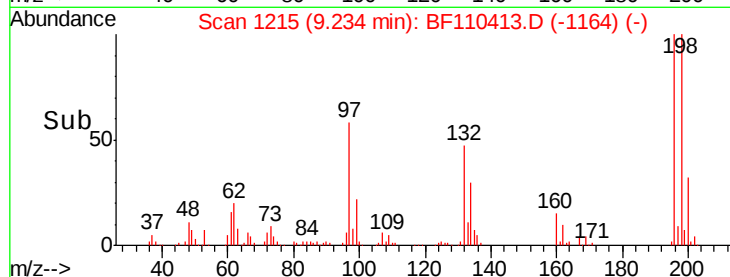
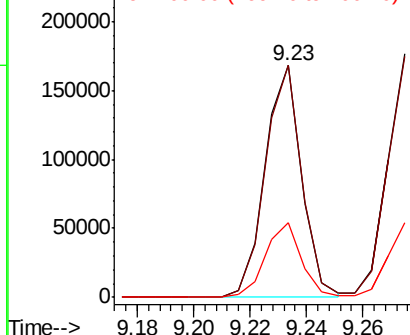
196 100

198 100.2 76.2 114.4

200 32.4 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: 41.373 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF110413.D

Acq: 2 Nov 2018 15:50

Tgt Ion:196 Resp: 160811

Ion Ratio Lower Upper

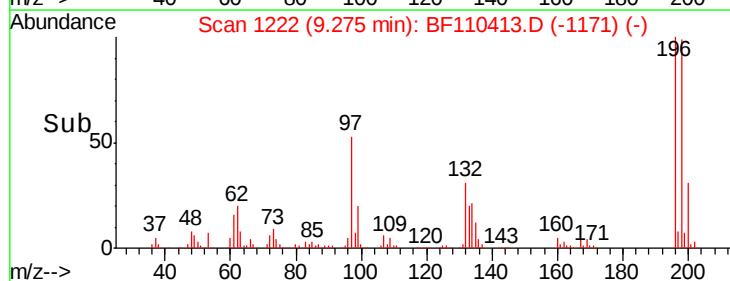
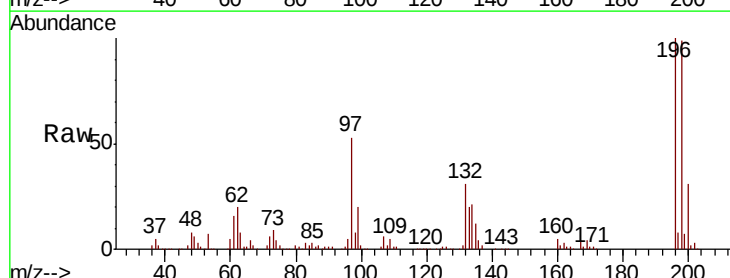
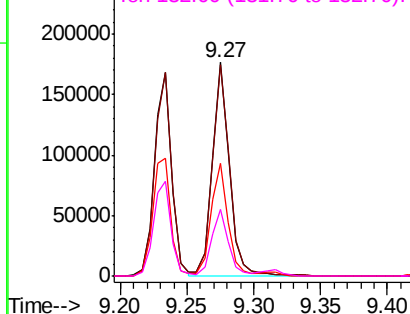
196 100

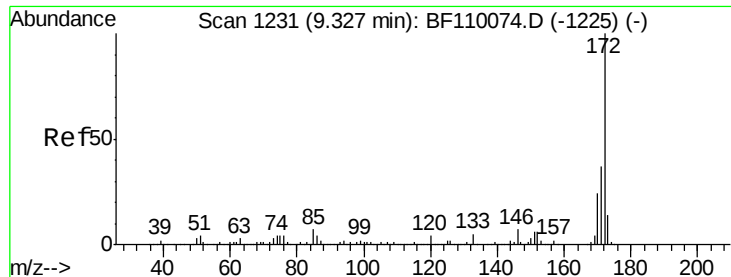
198 98.9 75.8 113.6

97 52.8 42.4 63.6

132 30.9 22.8 34.2

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

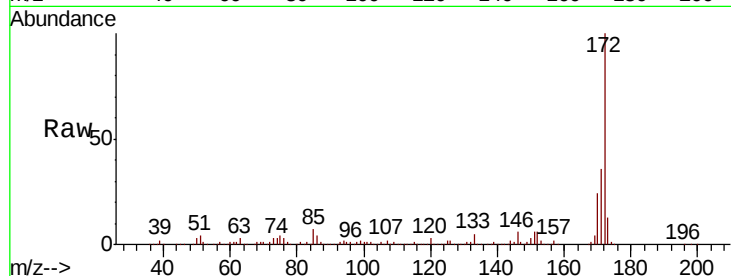




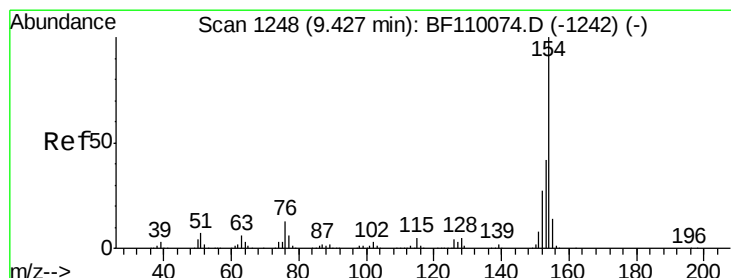
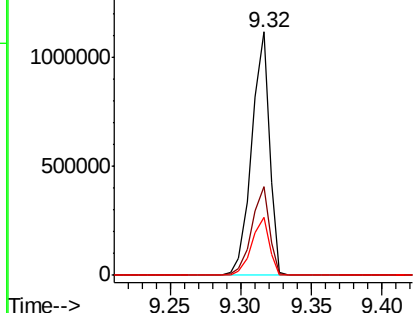
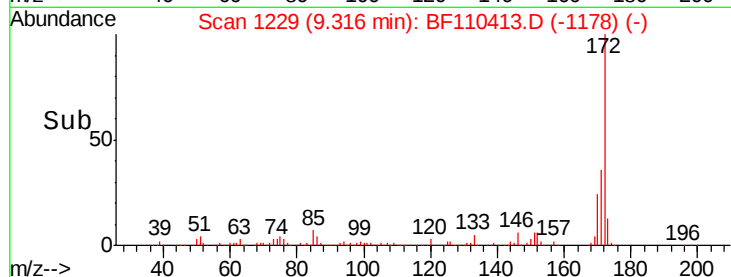
#45
2-Fluorobiphenyl
Concen: 85.516 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF110413.D
Acq: 2 Nov 2018 15:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 996465
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 23.9 19.7 29.5

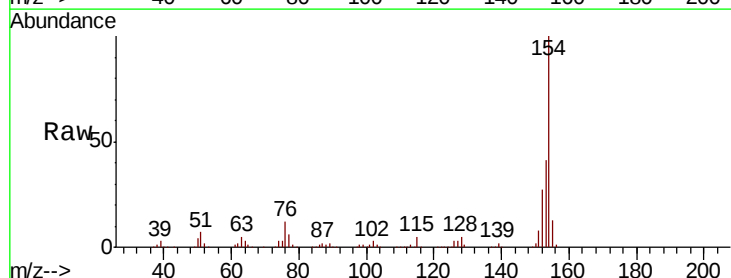


Abundance Ion 172.00 (171.70 to 172.70): E
1500000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

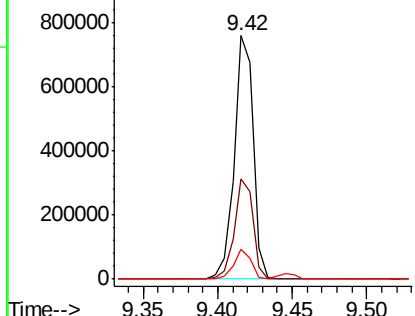
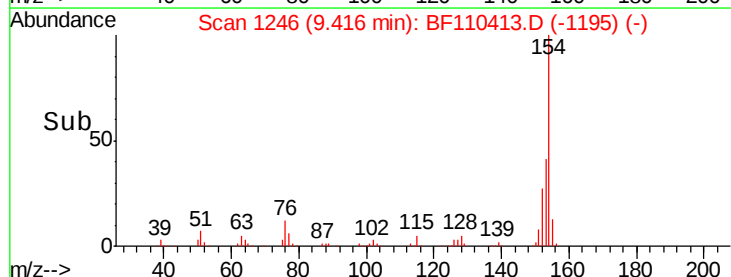


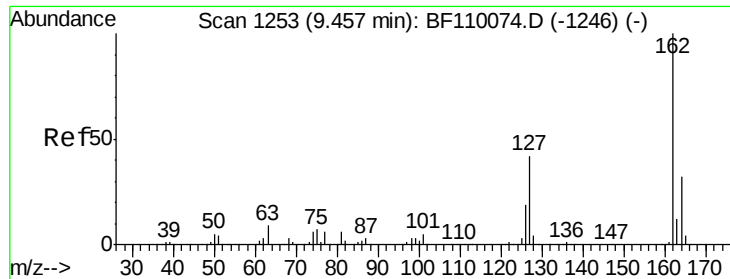
#46
1,1'-Biphenyl
Concen: 41.084 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BF110413.D
Acq: 2 Nov 2018 15:50

Tgt Ion:154 Resp: 679777
Ion Ratio Lower Upper
154 100
153 41.1 20.4 60.4
76 12.1 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
1000000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

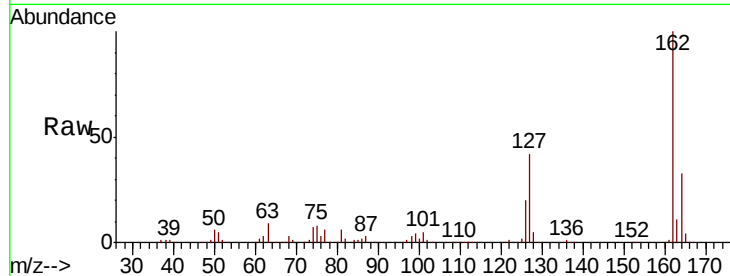




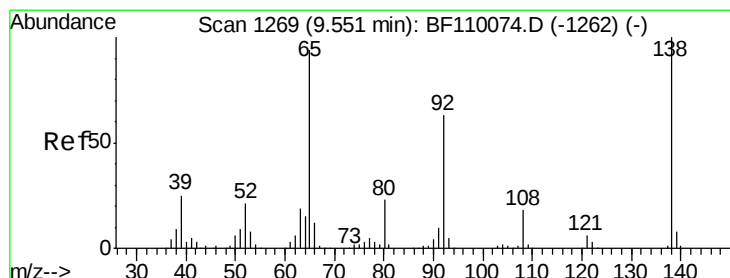
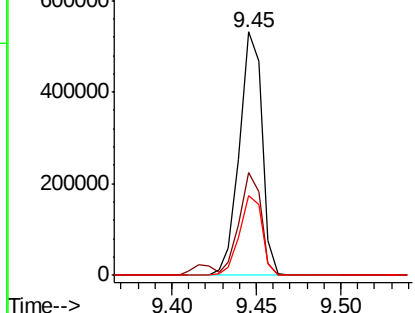
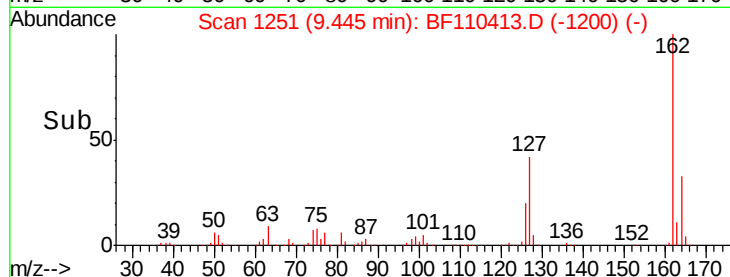
#47
 2-Chloronaphthalene
 Concen: 40.857 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF110413.D
 Acq: 2 Nov 2018 15:50

Instrument :
 BNA_F
 ClientSampleId :

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

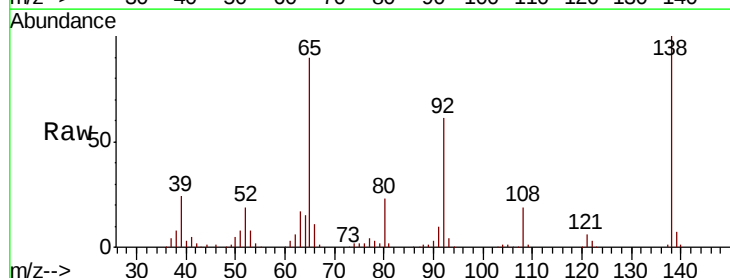


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

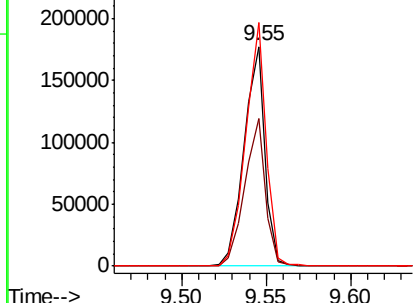
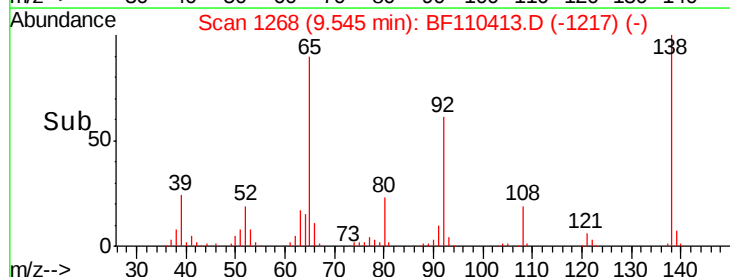


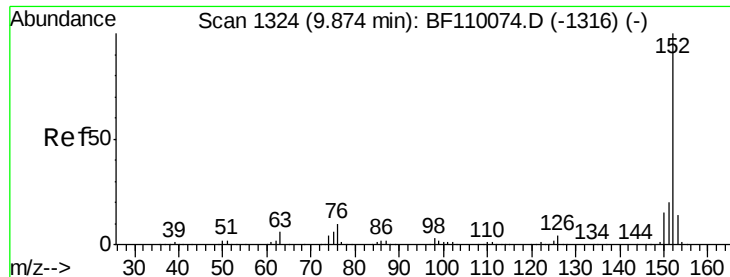
#48
 2-Nitroaniline
 Concen: 41.839 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: BF110413.D
 Acq: 2 Nov 2018 15:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.3	54.6	81.8
138	110.9	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: 40.504 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF110413.D

Acq: 2 Nov 2018 15:50

Instrument :

BNA_F

ClientSampled :

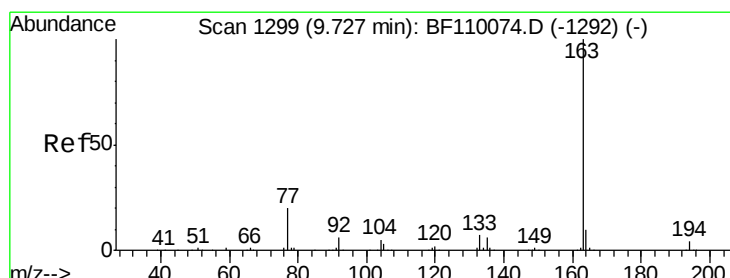
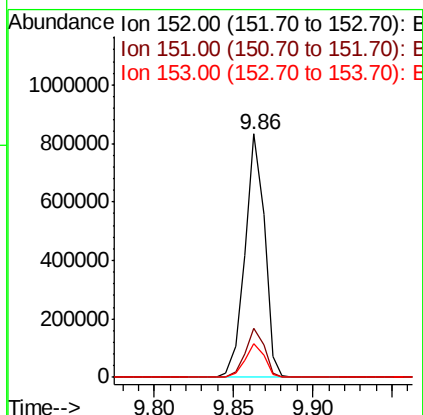
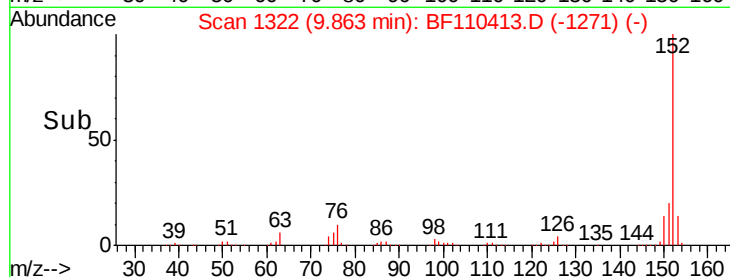
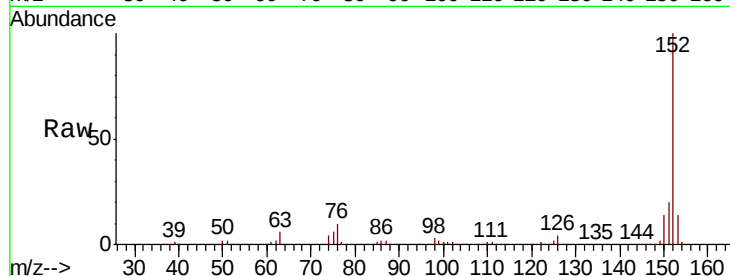
Tot Ion:152 Resp: 710035

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

153 13.9 10.4 15.6



#50

Dimethylphthalate

Concen: 40.932 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF110413.D

Acq: 2 Nov 2018 15:50

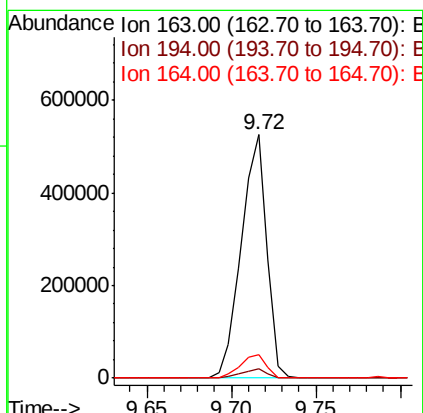
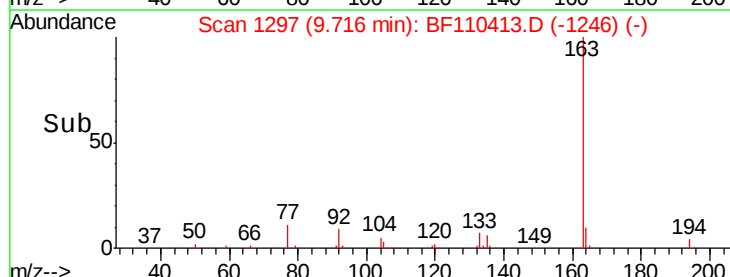
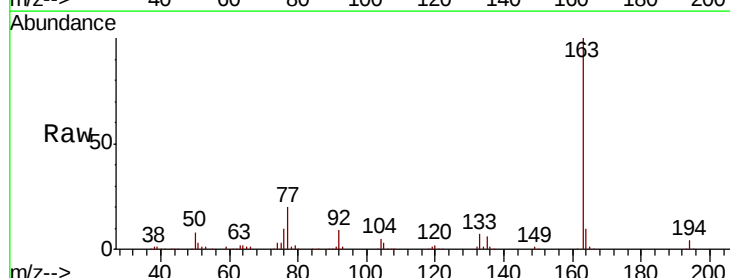
Tgt Ion:163 Resp: 552846

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 9.8 8.1 12.1

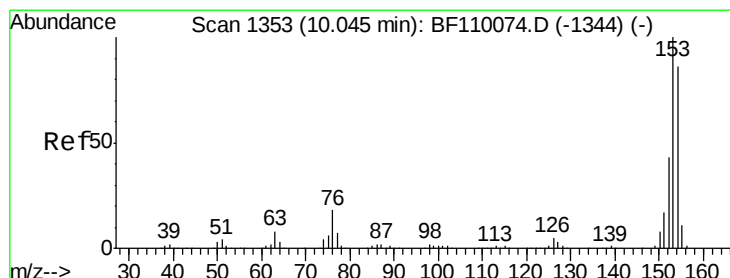
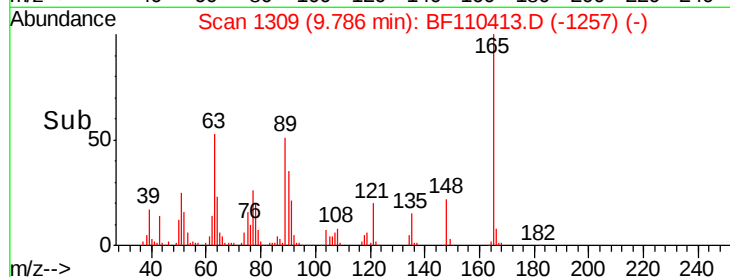
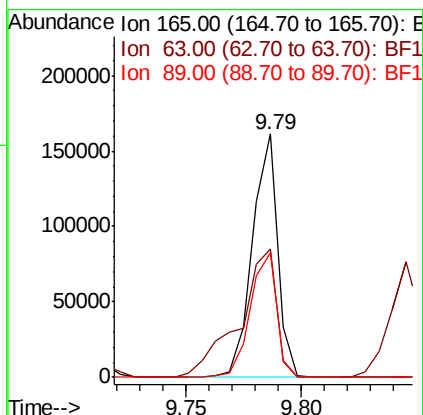
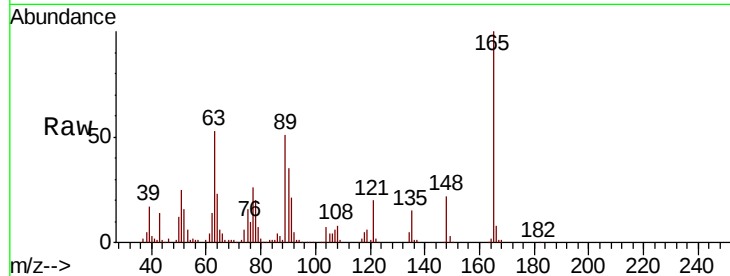




#51
 2,6-Dinitrotoluene
 Concen: 42.571 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. 0.01 min
 Lab File: BF110413.D
 Acq: 2 Nov 2018 15:50

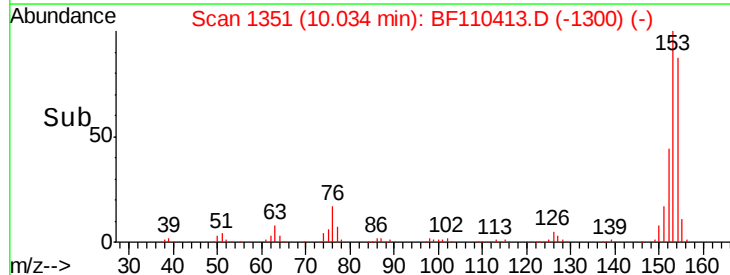
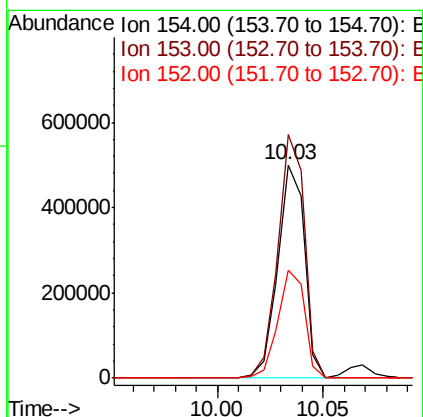
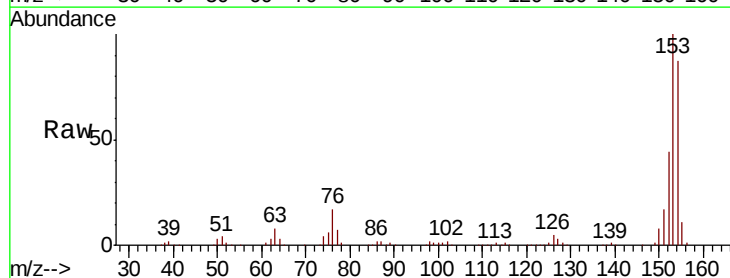
Instrument :
 BNA_F
 ClientSampleId :

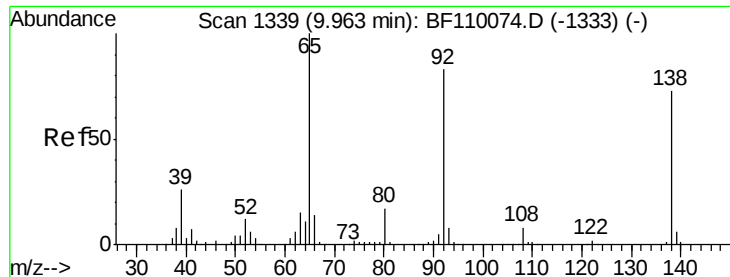
Tot Ion:165 Resp: 123854
 Ion Ratio Lower Upper
 165 100
 63 52.9 48.9 73.3
 89 51.2 46.6 69.8



#52
 Acenaphthene
 Concen: 38.195 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: BF110413.D
 Acq: 2 Nov 2018 15:50

Tgt Ion:154 Resp: 442945
 Ion Ratio Lower Upper
 154 100
 153 114.4 90.1 135.1
 152 50.8 43.4 65.2

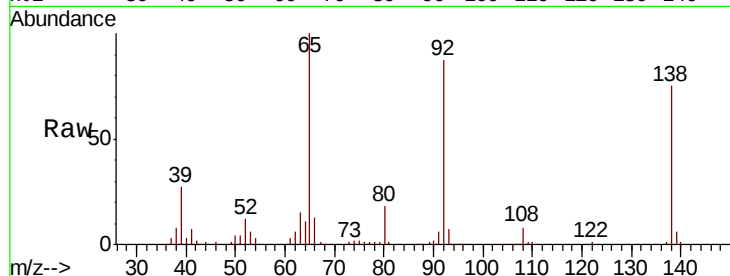




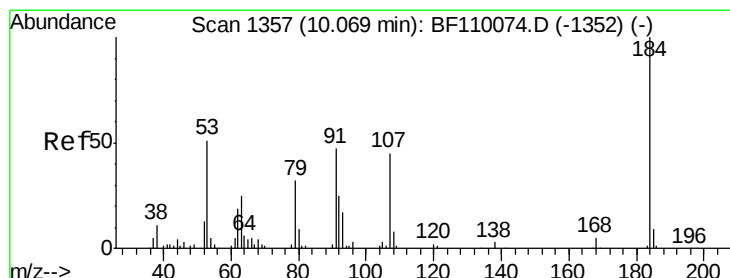
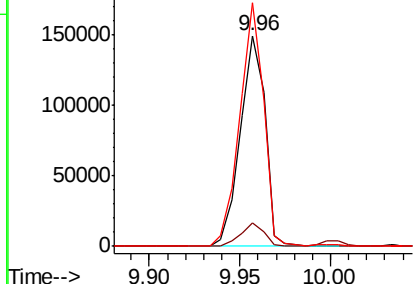
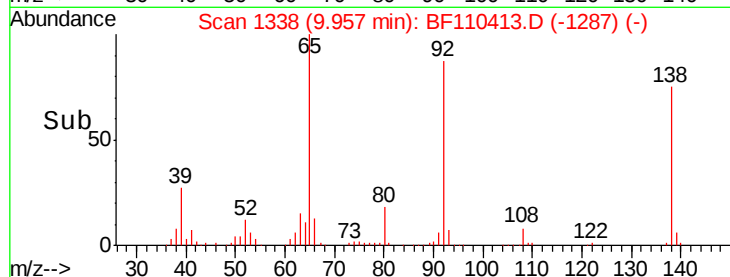
#53
3-Nitroaniline
Concen: 40.951 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF110413.D
Acq: 2 Nov 2018 15:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 141683
Ion Ratio Lower Upper
138 100
108 10.8 8.7 13.1
92 115.4 97.0 145.4

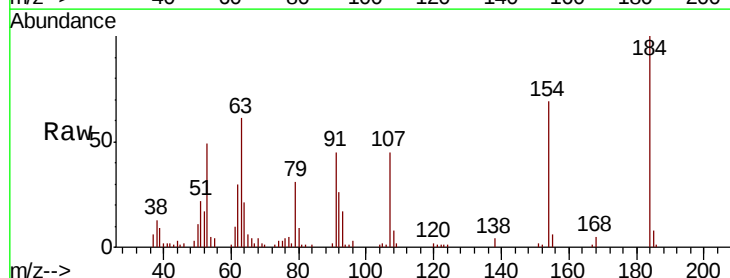


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

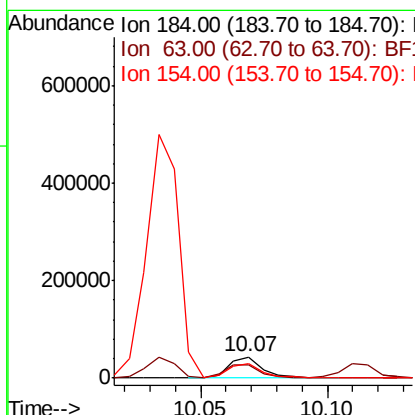
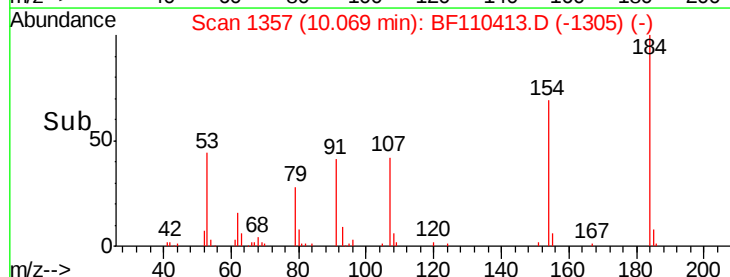


#54
2,4-Dinitrophenol
Concen: 38.232 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF110413.D
Acq: 2 Nov 2018 15:50

Tgt Ion:184 Resp: 40810
Ion Ratio Lower Upper
184 100
63 61.4 55.8 83.6
154 69.0 63.2 94.8



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

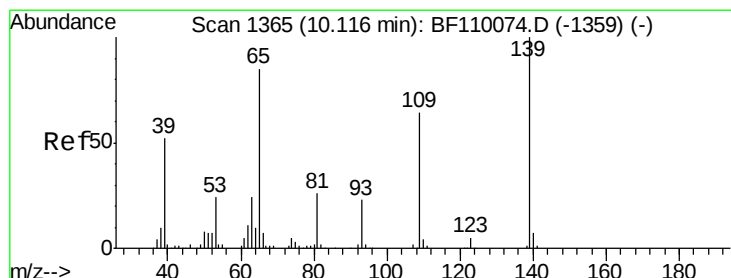
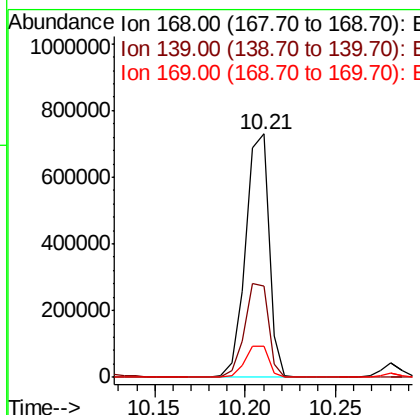
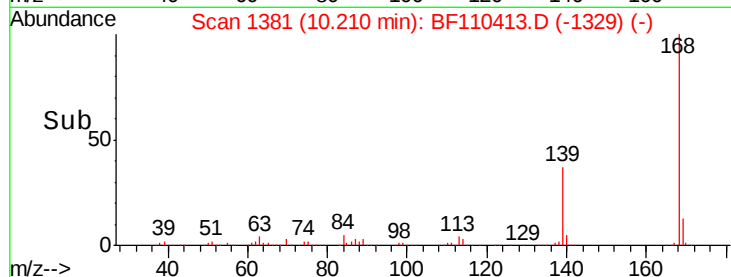
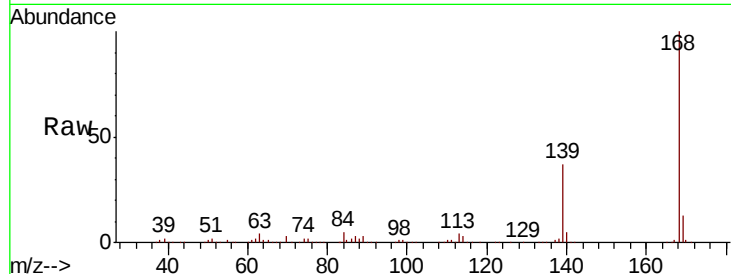




#55
Dibenzenofuran
Concen: 40.412 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.01 min
Lab File: BF110413.D
Acq: 2 Nov 2018 15:50

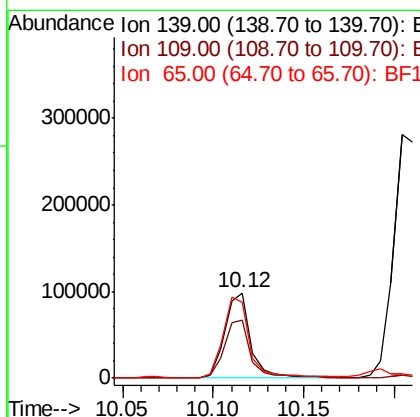
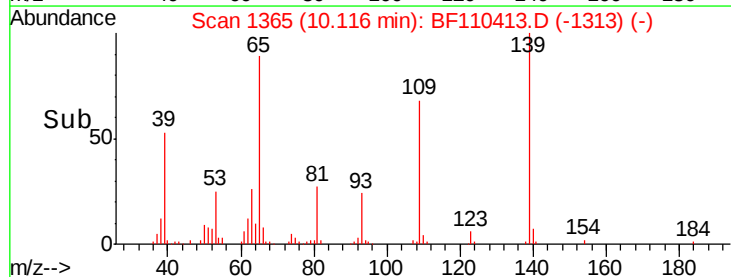
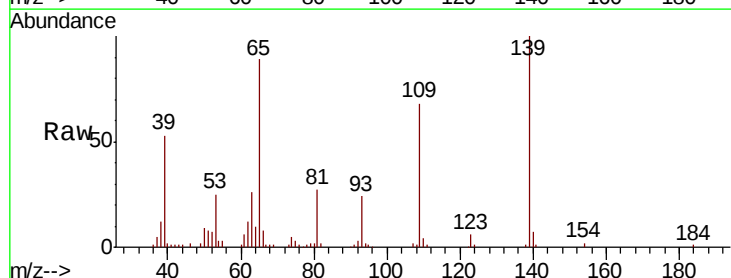
Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 656157
Ion Ratio Lower Upper
168 100
139 37.3 33.0 49.6
169 12.9 11.3 16.9



#56
4-Nitrophenol
Concen: 38.361 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF110413.D
Acq: 2 Nov 2018 15:50

Tgt Ion:139 Resp: 98230
Ion Ratio Lower Upper
139 100
109 67.8 55.8 95.8
65 88.5 77.9 117.9

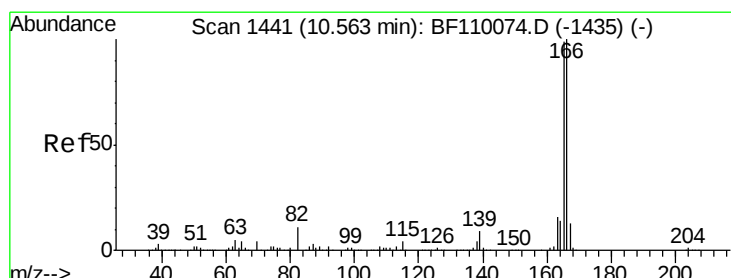
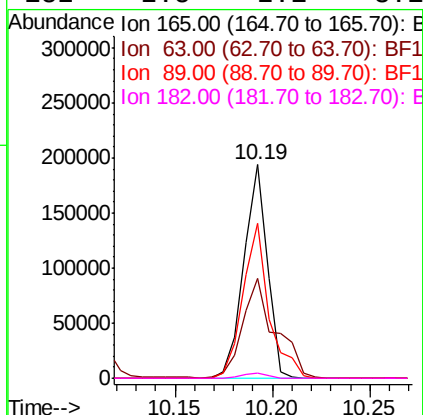
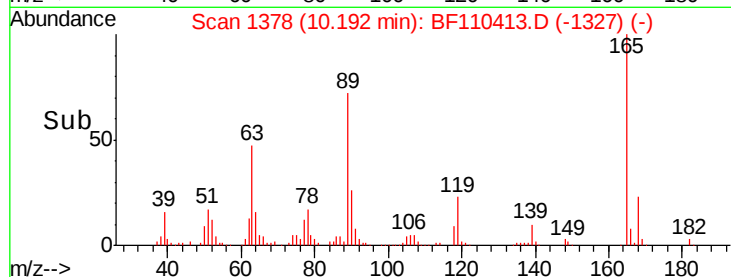
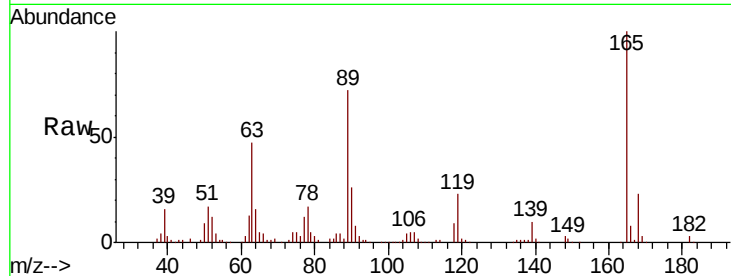




#57
2,4-Dinitrotoluene
Concen: 43.814 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF110413.D
Acq: 2 Nov 2018 15:50

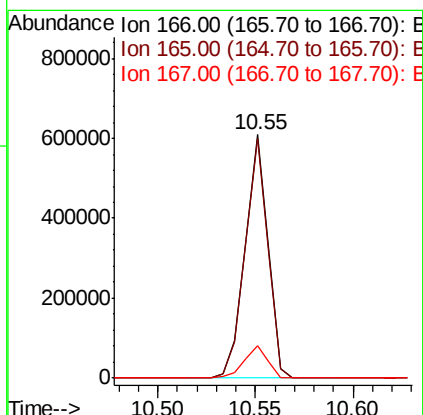
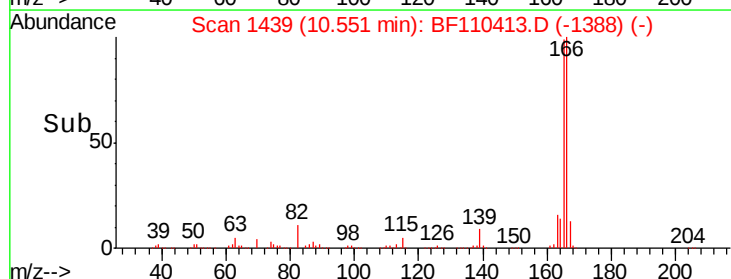
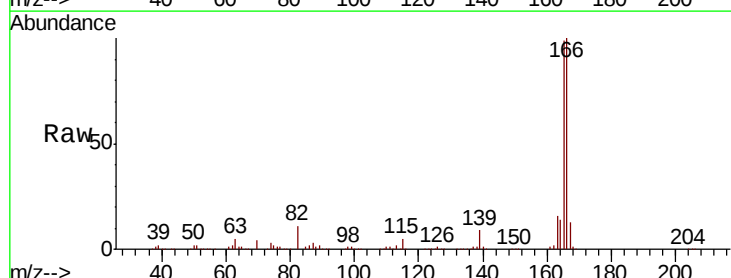
Instrument :
BNA_F
ClientSampleId :

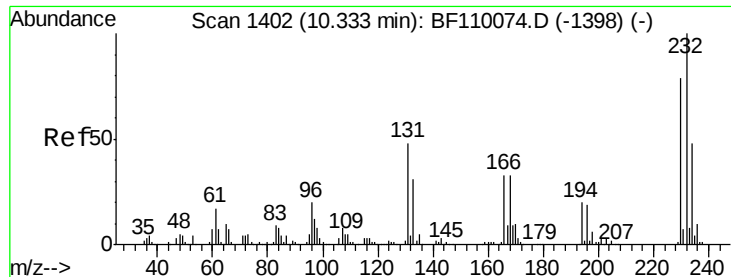
Tot Ion:165	Resp:	161912
Ion Ratio	Lower	Upper
165	100	
63	47.0	44.8 67.2
89	72.3	62.2 93.4
182	2.5	2.1 3.1



#58
Fluorene
Concen: 40.912 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF110413.D
Acq: 2 Nov 2018 15:50

Tgt Ion:166	Resp:	494394
Ion Ratio	Lower	Upper
166	100	
165	98.6	78.6 117.8
167	13.2	10.8 16.2

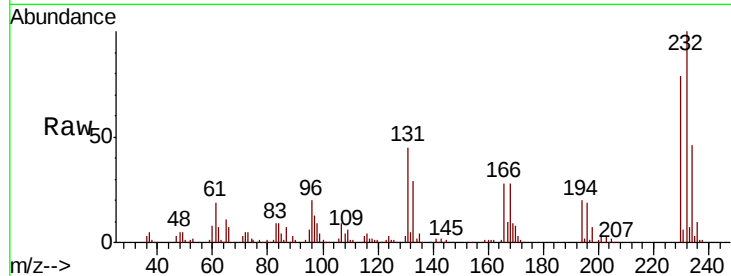




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.845 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.04 min
 Lab File: BF110413.D
 Acq: 2 Nov 2018 15:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.6	37.0	55.4
130	2.4	1.8	2.6
166	27.5	22.0	33.0



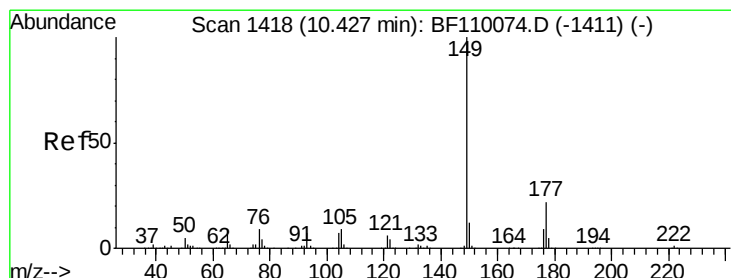
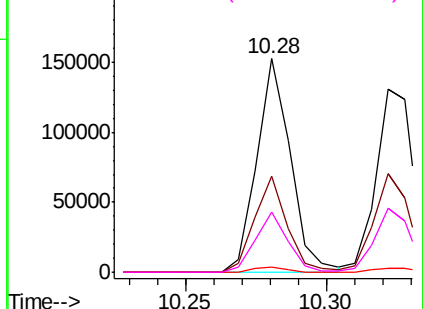
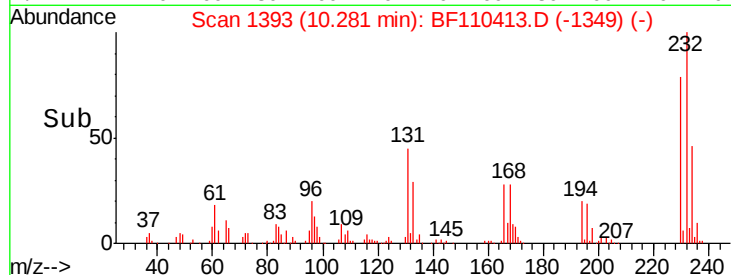
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

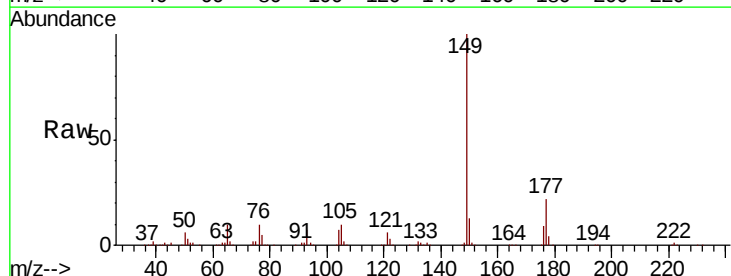
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.805 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: BF110413.D
 Acq: 2 Nov 2018 15:50

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.4	26.2
150	12.9	9.8	14.8

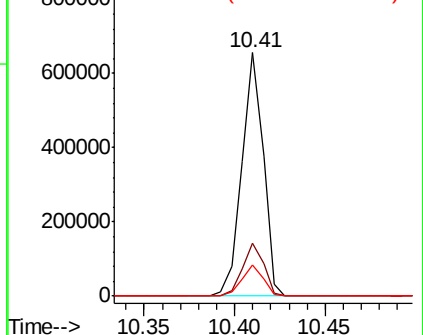
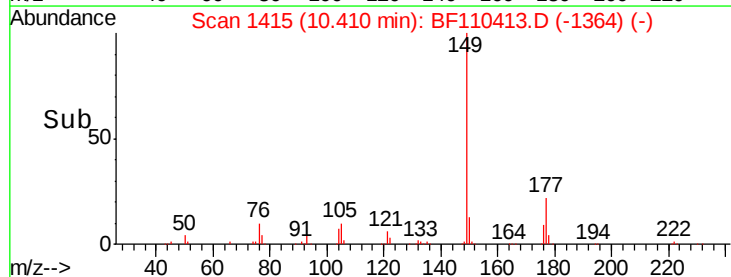


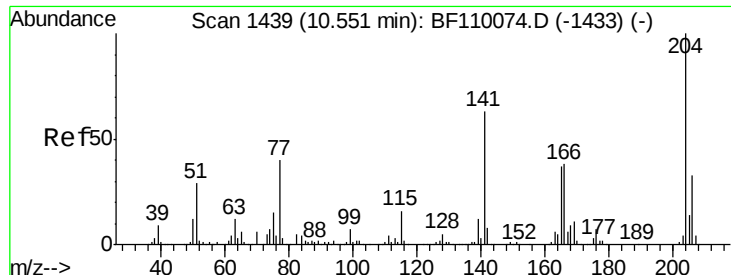
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

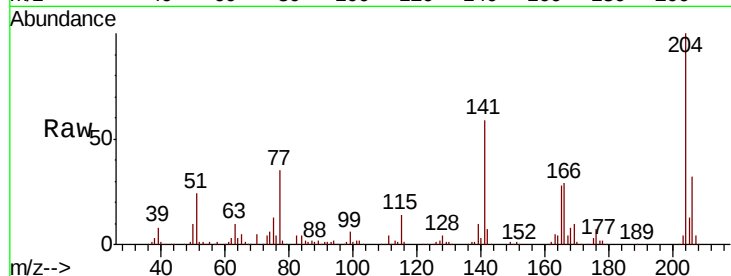




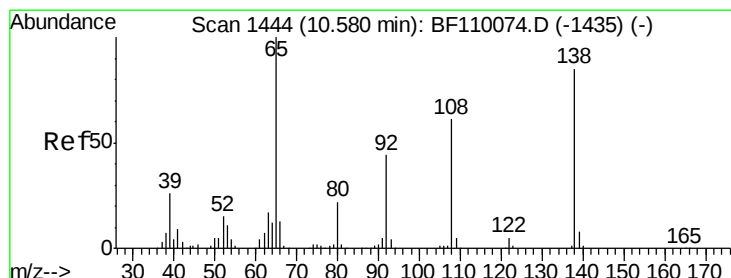
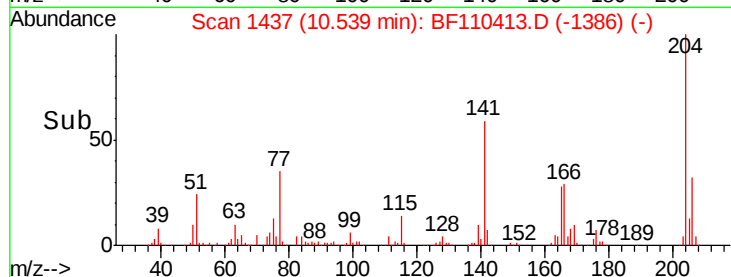
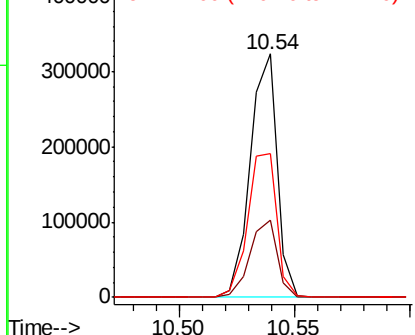
#61
4-Chlorophenyl-phenylether
Concen: 41.507 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF110413.D
Acq: 2 Nov 2018 15:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 264597
Ion Ratio Lower Upper
204 100
206 31.7 26.5 39.7
141 58.9 51.8 77.8

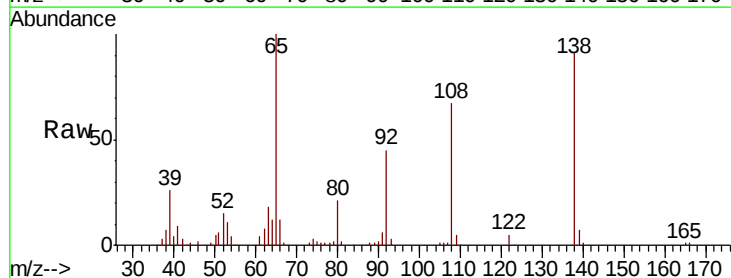


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

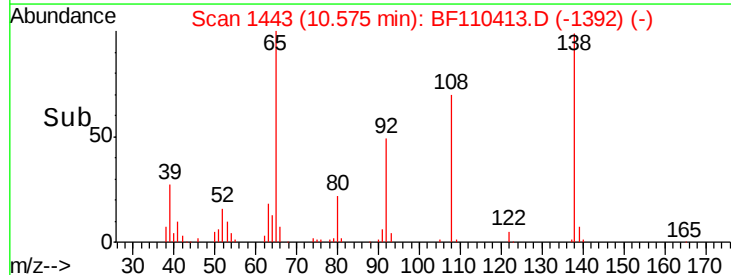
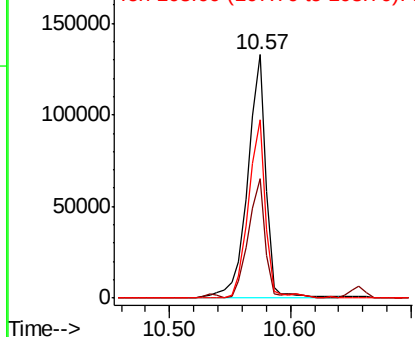


#62
4-Nitroaniline
Concen: 41.137 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BF110413.D
Acq: 2 Nov 2018 15:50

Tgt Ion:138 Resp: 141556
Ion Ratio Lower Upper
138 100
92 49.0 31.7 71.7
108 73.1 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

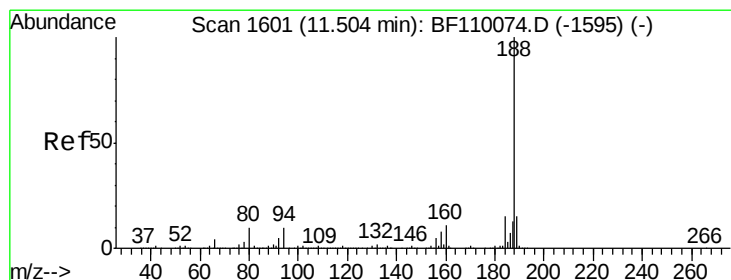
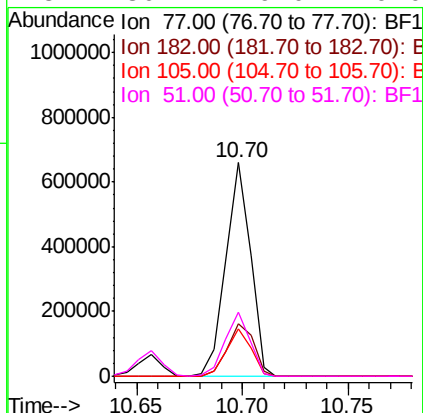
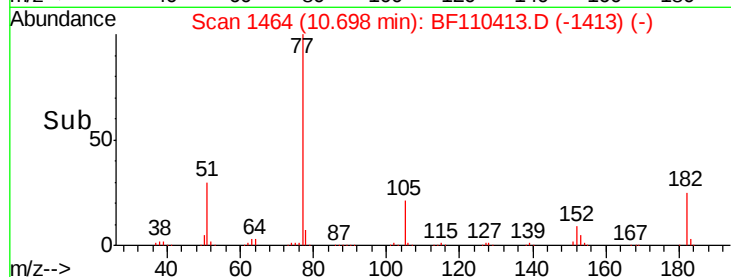
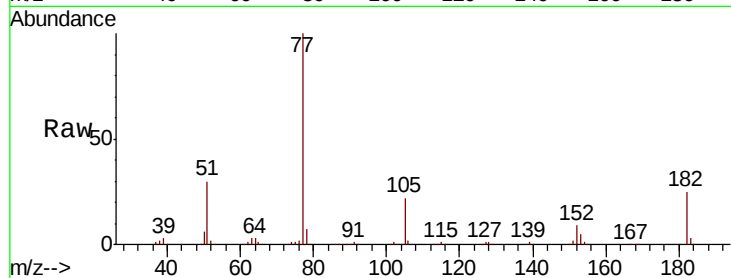




#63
Azobenzene
Concen: 40.560 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF110413.D
Acq: 2 Nov 2018 15:50

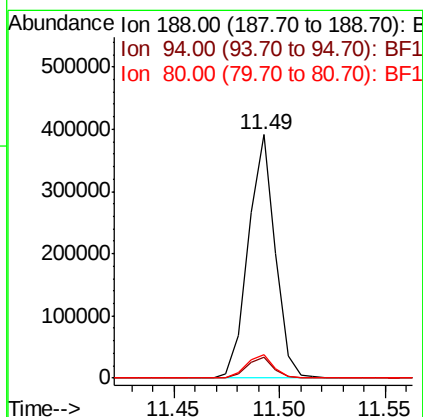
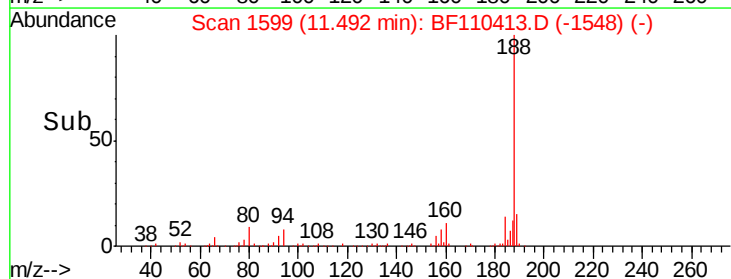
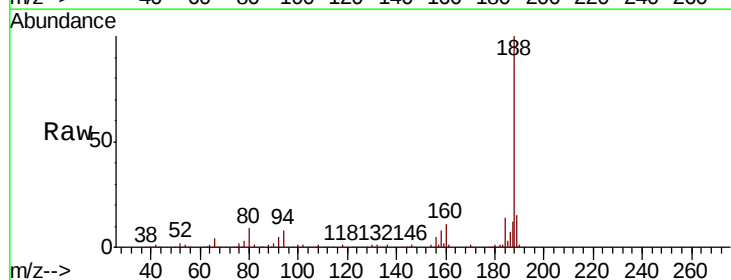
Instrument :
BNA_F
ClientSampleId :

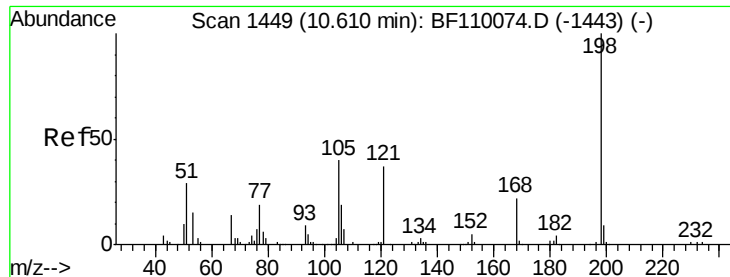
Tot Ion:	77	Resp:	530809
Ion	Ratio	Lower	Upper
77	100		
182	24.6	4.3	44.3
105	22.0	1.3	41.3
51	30.2	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF110413.D
Acq: 2 Nov 2018 15:50

Tgt Ion:	188	Resp:	344755
Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	9.4	7.9	11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 42.719 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BF110413.D

Acq: 2 Nov 2018 15:50

Instrument :

BNA_F

ClientSampleId :

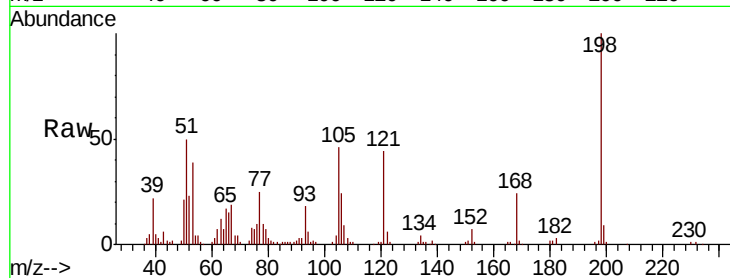
Tot Ion:198 Resp: 67287

Ion Ratio Lower Upper

198 100

51 50.3 22.8 62.8

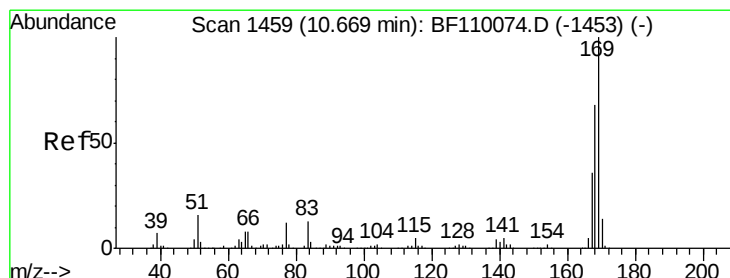
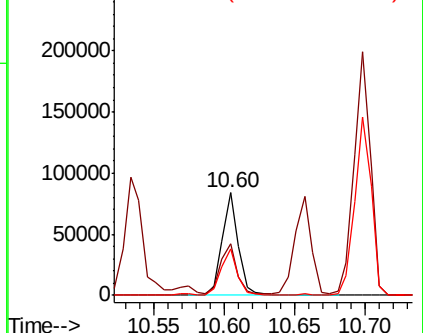
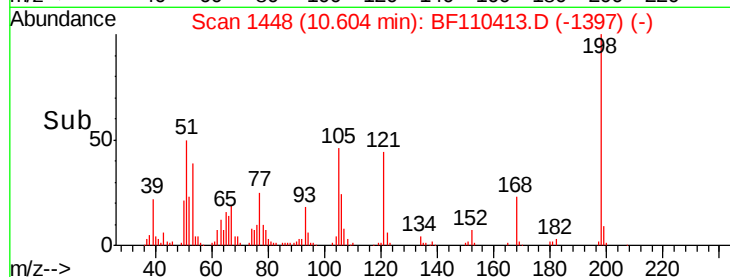
105 46.1 23.6 63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.935 ng

RT: 10.66 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BF110413.D

Acq: 2 Nov 2018 15:50

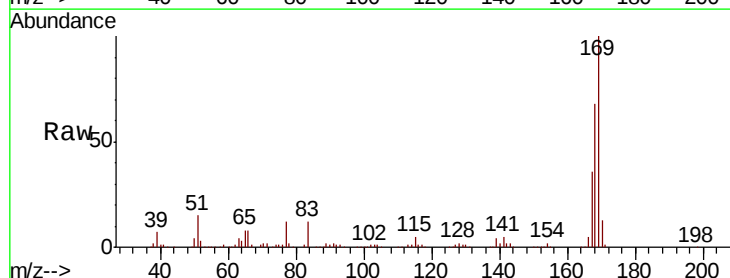
Tgt Ion:169 Resp: 462897

Ion Ratio Lower Upper

169 100

168 67.7 51.2 76.8

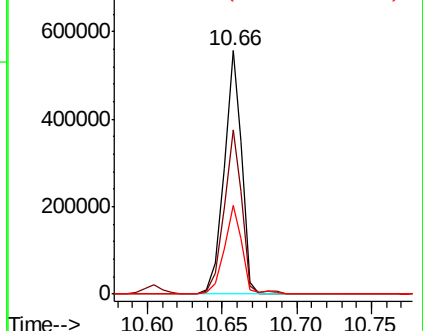
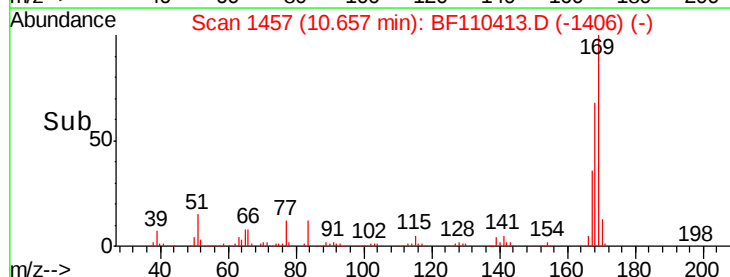
167 36.3 27.8 41.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

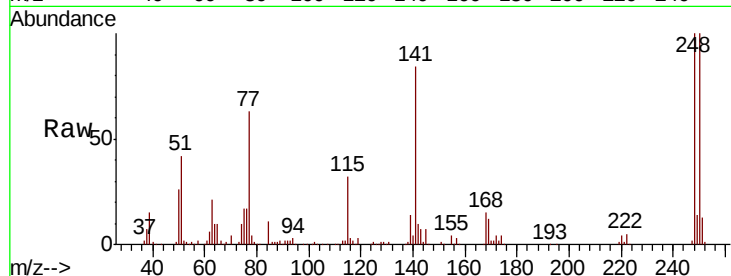




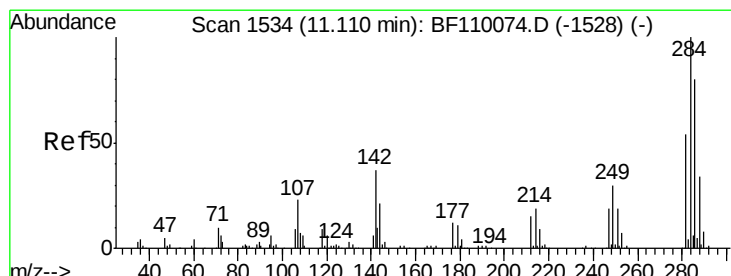
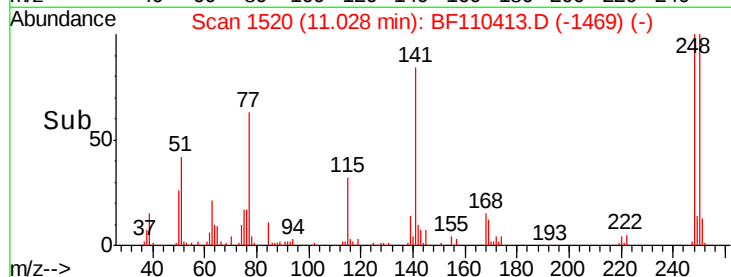
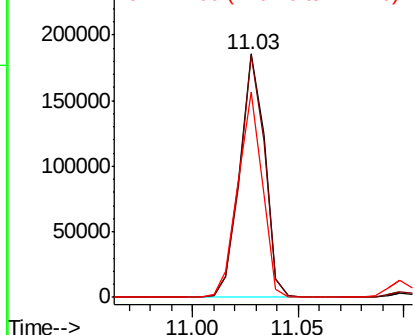
#67
4-Bromophenyl-phenylether
Concen: 40.726 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF110413.D
Acq: 2 Nov 2018 15:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 152297
Ion Ratio Lower Upper
248 100
250 99.6 79.4 119.2
141 84.1 55.9 83.9#

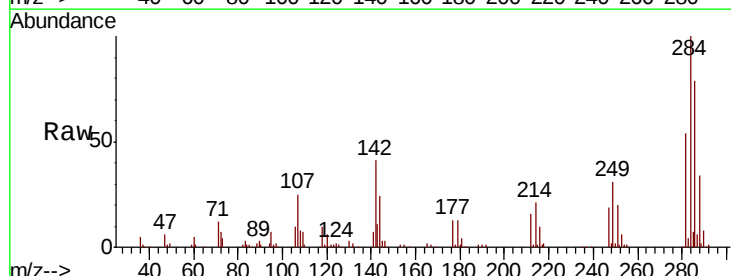


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

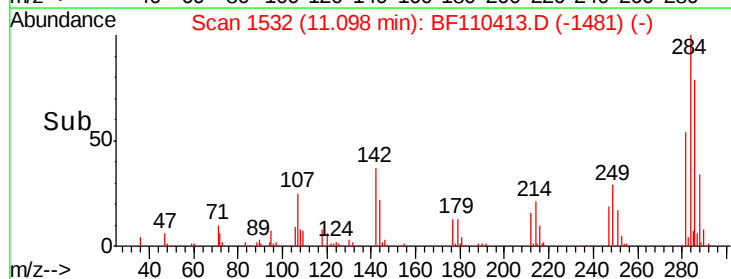
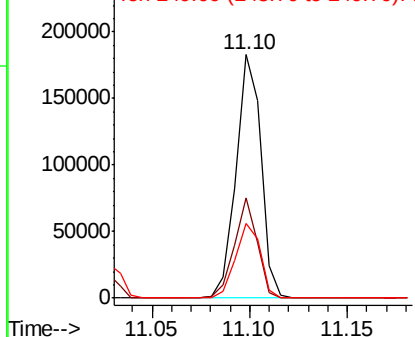


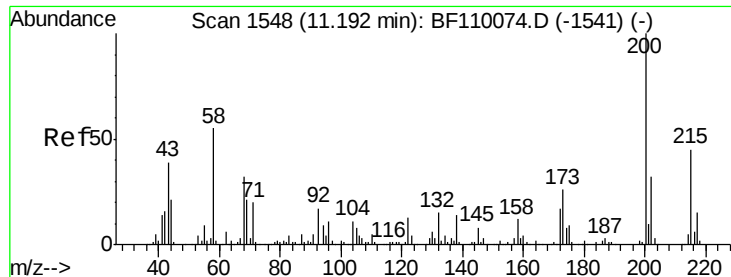
#68
Hexachlorobenzene
Concen: 40.670 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BF110413.D
Acq: 2 Nov 2018 15:50

Tgt Ion:284 Resp: 161372
Ion Ratio Lower Upper
284 100
142 41.2 23.9 35.9#
249 30.8 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

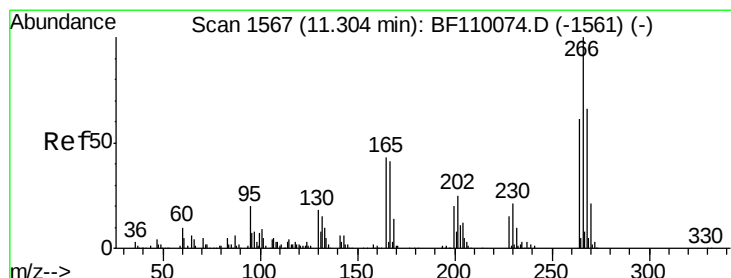
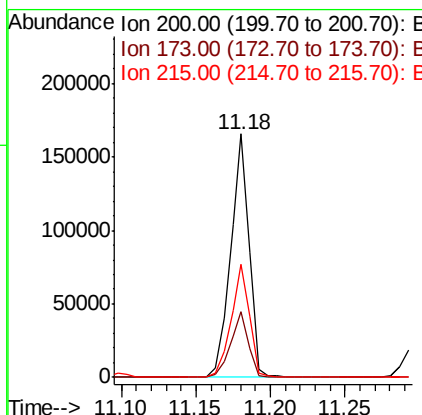
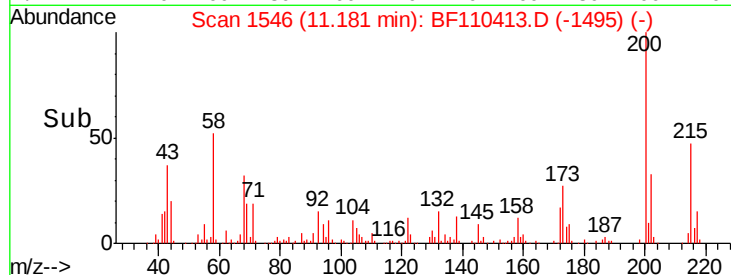
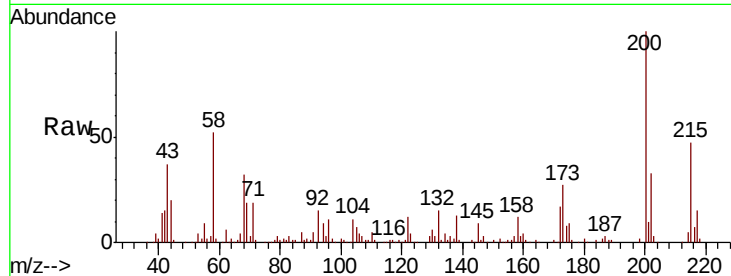




#69
 Atrazine
 Concen: 40.699 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. 0.00 min
 Lab File: BF110413.D
 Acq: 2 Nov 2018 15:50

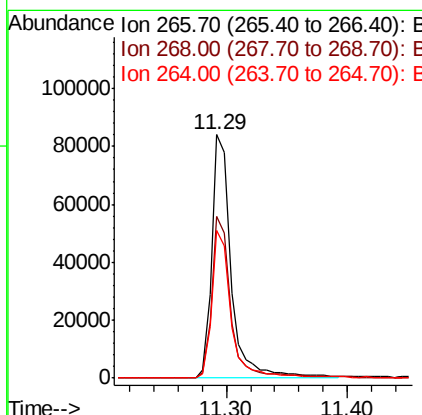
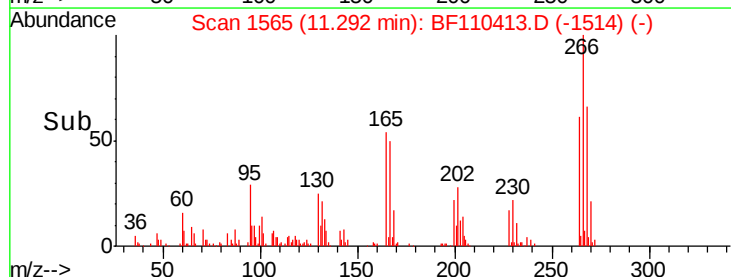
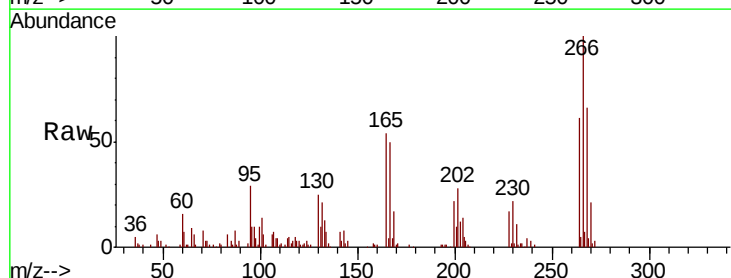
Instrument :
 BNA_F
 ClientSampleId :

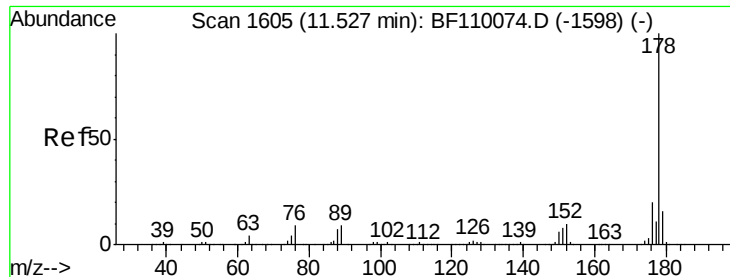
Tot Ion:200 Resp: 145439
 Ion Ratio Lower Upper
 200 100
 173 27.1 6.6 46.6
 215 46.5 26.3 66.3



#70
 Pentachlorophenol
 Concen: 40.191 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BF110413.D
 Acq: 2 Nov 2018 15:50

Tgt Ion:266 Resp: 92989
 Ion Ratio Lower Upper
 266 100
 268 66.4 50.6 75.8
 264 60.6 50.6 75.8

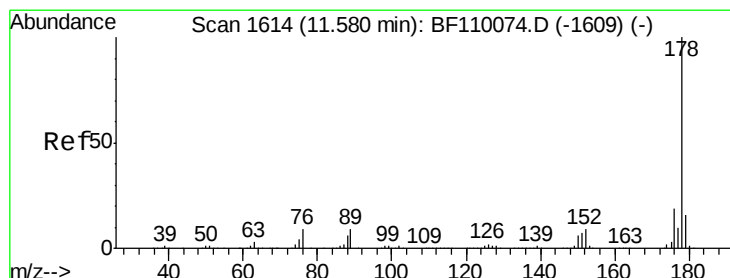
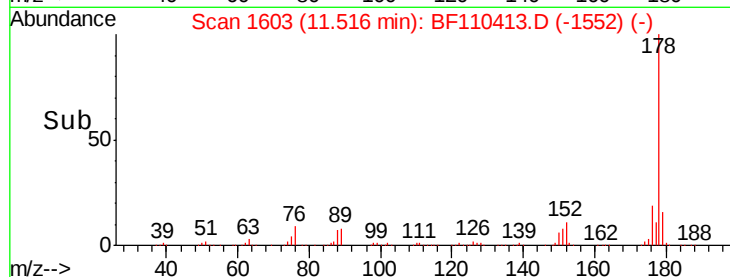
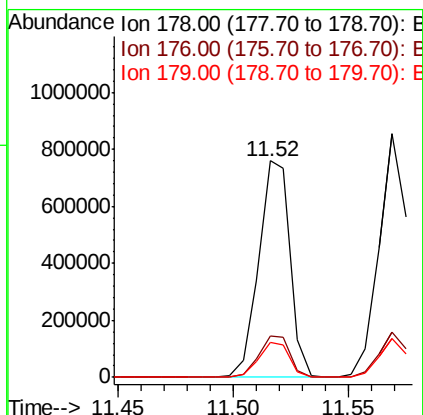
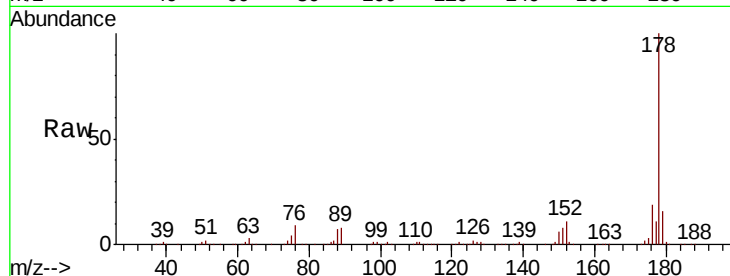




#71
Phenanthrene
Concen: 40.051 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BF110413.D
Acq: 2 Nov 2018 15:50

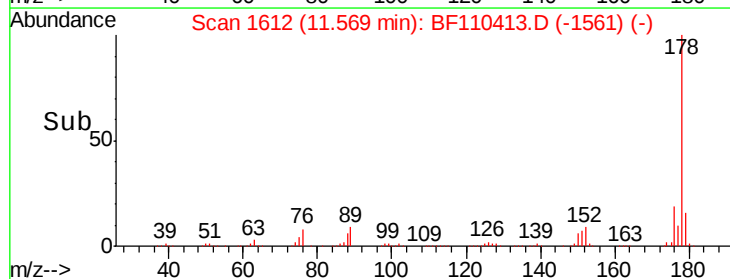
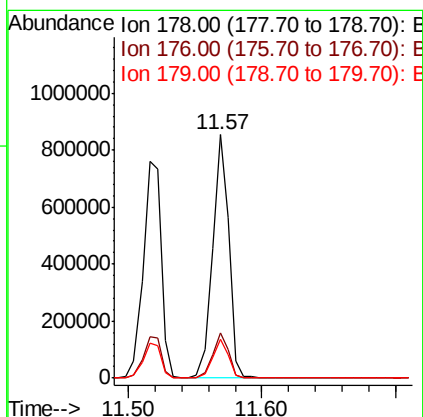
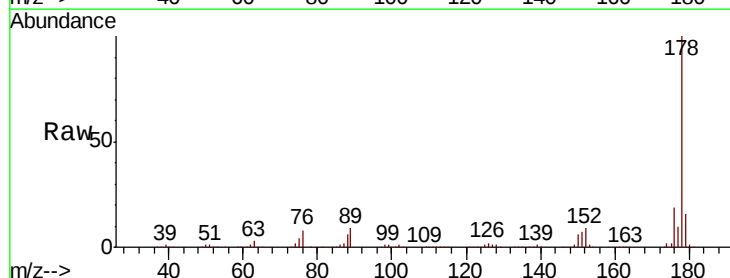
Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 722492
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.9 12.5 18.7



#72
Anthracene
Concen: 40.267 ng
RT: 11.57 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BF110413.D
Acq: 2 Nov 2018 15:50

Tgt Ion:178 Resp: 728090
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.7 12.6 18.8





#73

Carbazole

Concen: 40.220 ng

RT: 11.73 min Scan# 1639

Delta R.T. 0.01 min

Lab File: BF110413.D

Acq: 2 Nov 2018 15:50

Instrument :

BNA_F

ClientSampleId :

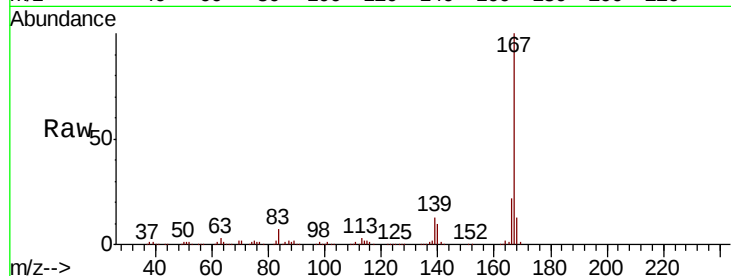
Tot Ion:167 Resp: 710055

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.0

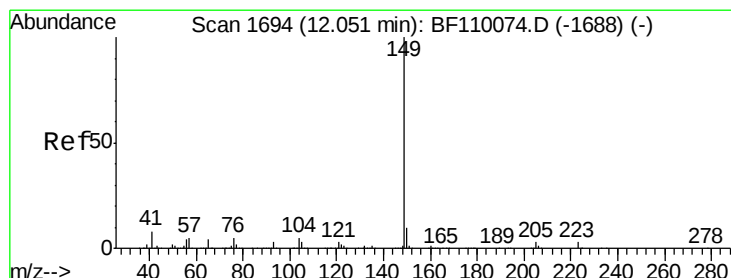
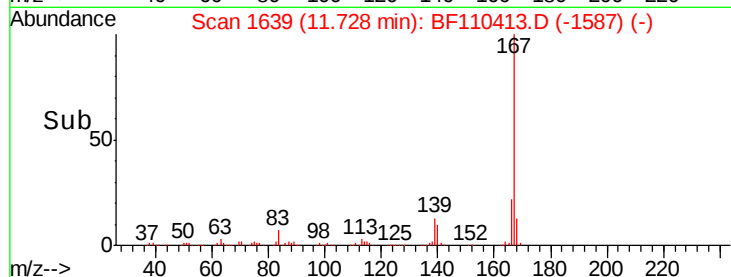
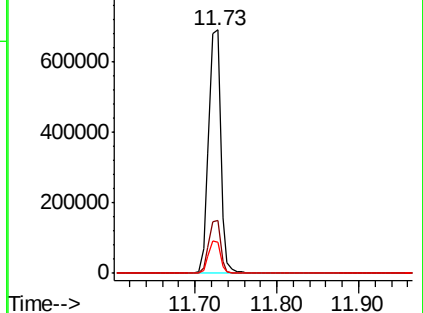
139 13.0 10.9 16.3



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: 42.478 ng

RT: 12.03 min Scan# 1691

Delta R.T. 0.00 min

Lab File: BF110413.D

Acq: 2 Nov 2018 15:50

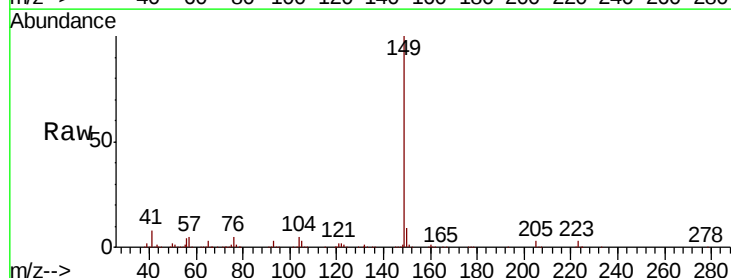
Tgt Ion:149 Resp: 846962

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

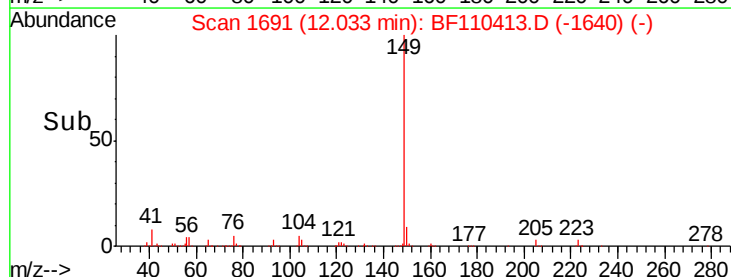
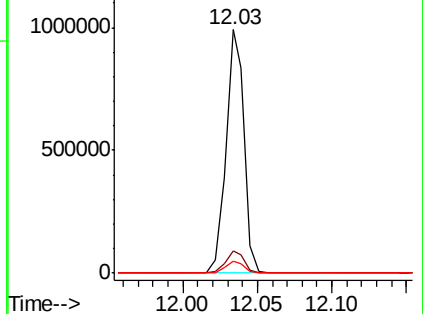
104 5.0 4.2 6.4

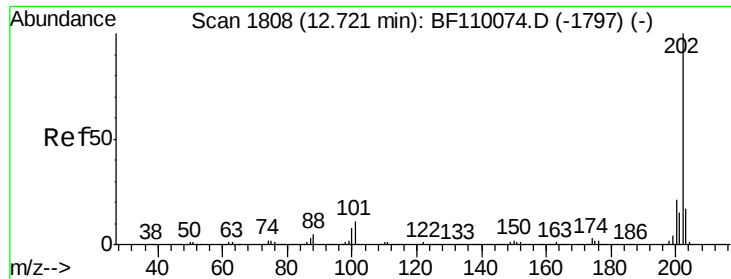


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

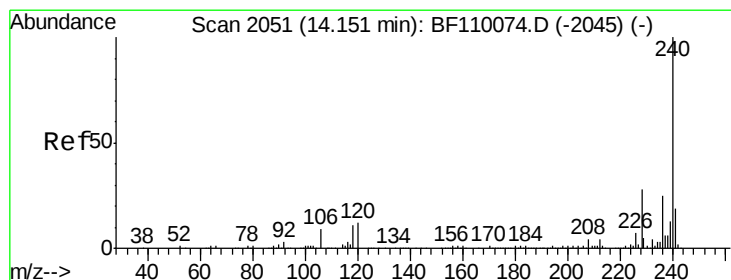
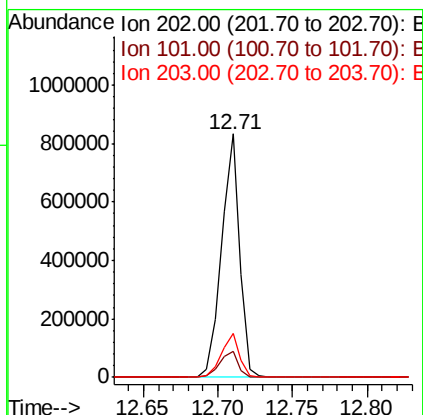
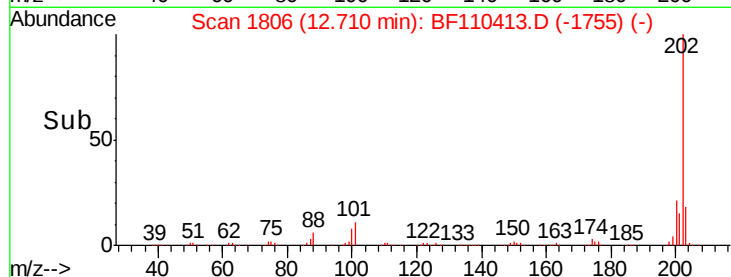
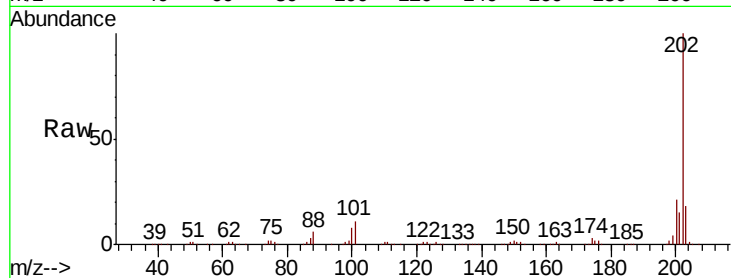




#75
 Fluoranthene
 Concen: 39.046 ng
 RT: 12.71 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BF110413.D
 Acq: 2 Nov 2018 15:50

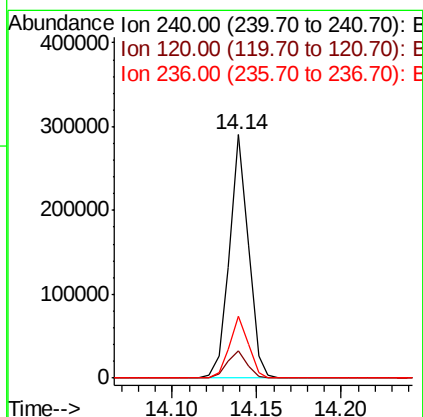
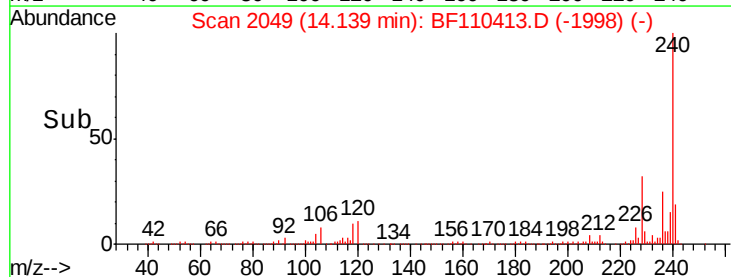
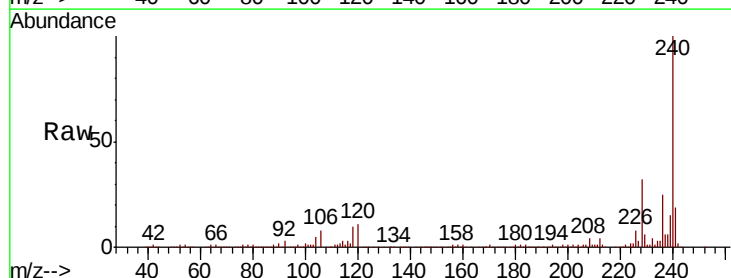
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 714850
 Ion Ratio Lower Upper
 202 100
 101 10.9 0.0 31.4
 203 17.8 0.0 37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BF110413.D
 Acq: 2 Nov 2018 15:50

Tgt Ion:240 Resp: 226611
 Ion Ratio Lower Upper
 240 100
 120 11.3 8.3 12.5
 236 25.2 21.2 31.8

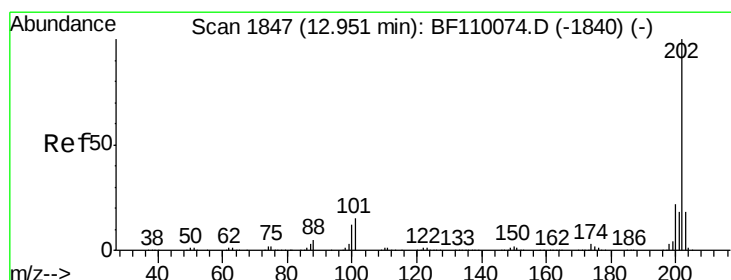
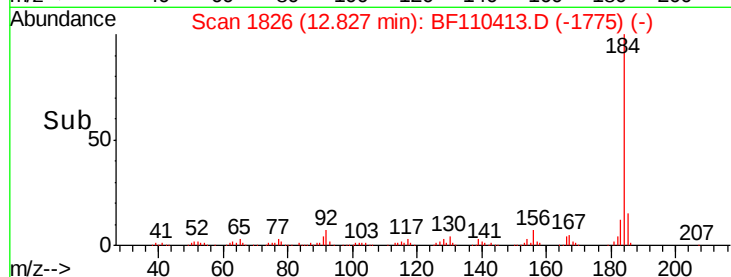
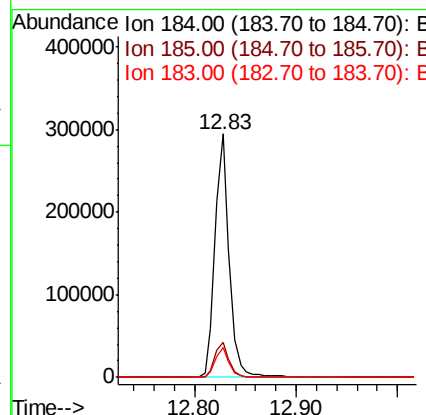
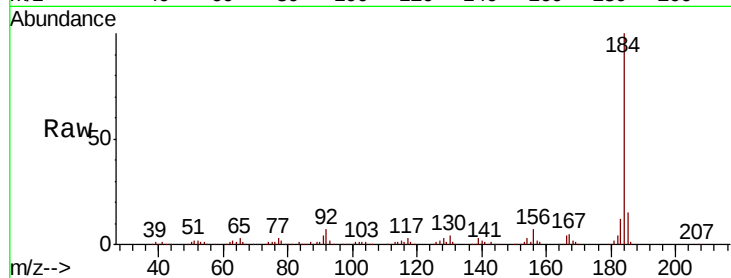




#77
Benzidine
Concen: 45.521 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF110413.D
Acq: 2 Nov 2018 15:50

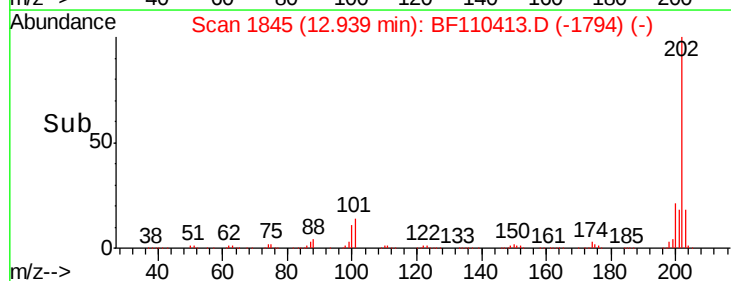
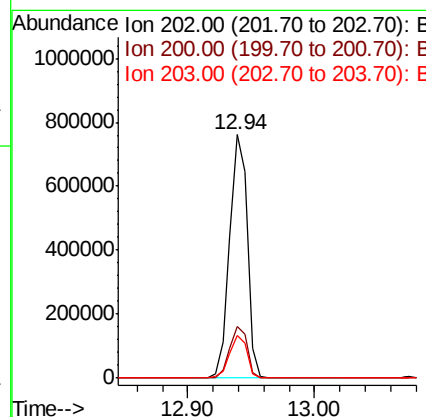
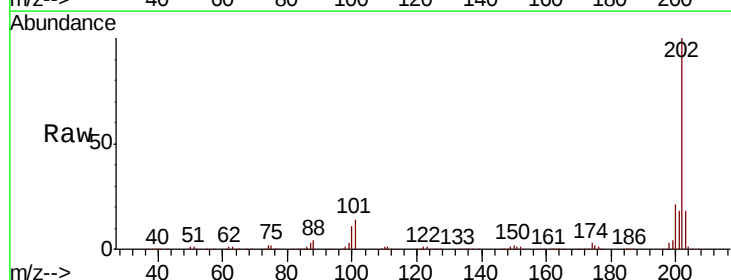
Instrument :
BNA_F
ClientSampleId :

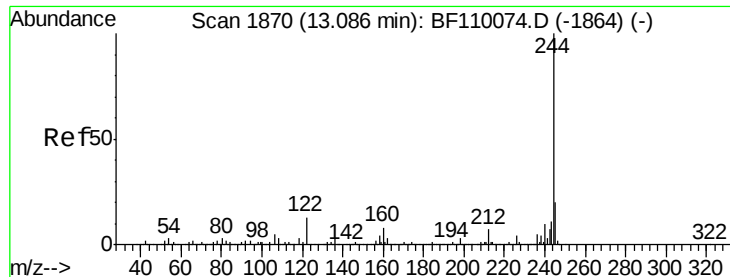
Tot Ion:184 Resp: 287192
Ion Ratio Lower Upper
184 100
185 14.5 13.4 20.2
183 12.0 9.4 14.2



#78
Pyrene
Concen: 45.371 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF110413.D
Acq: 2 Nov 2018 15:50

Tgt Ion:202 Resp: 737103
Ion Ratio Lower Upper
202 100
200 21.0 17.8 26.6
203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 93.007 ng

RT: 13.07 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BF110413.D

Acq: 2 Nov 2018 15:50

Instrument :

BNA_F

ClientSampled :

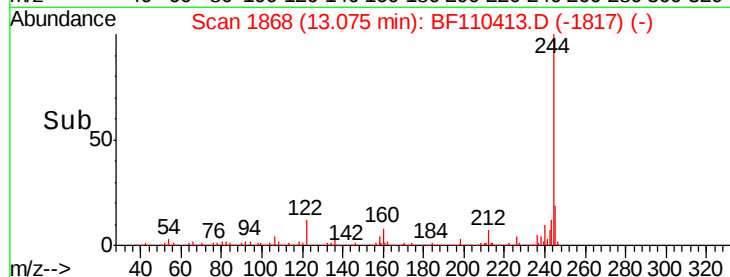
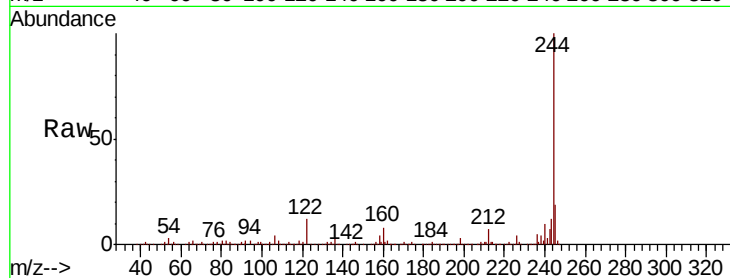
Tot Ion:244 Resp: 1013425

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

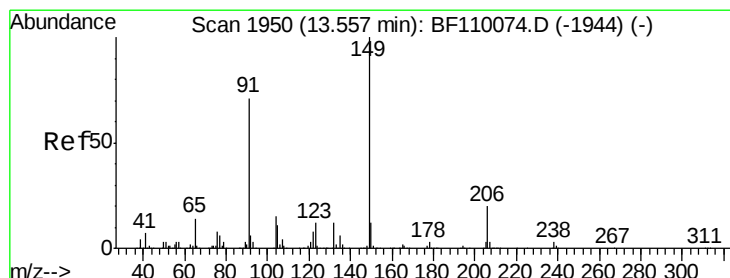
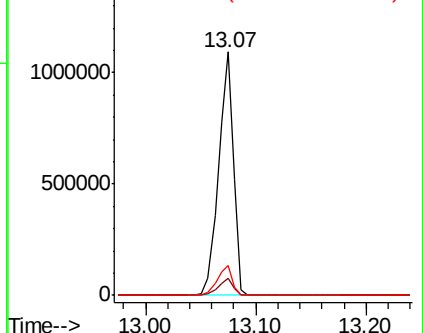
122 12.2 8.7 13.1



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: 45.764 ng

RT: 13.54 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BF110413.D

Acq: 2 Nov 2018 15:50

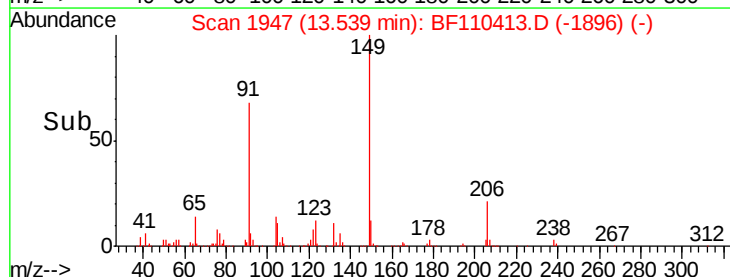
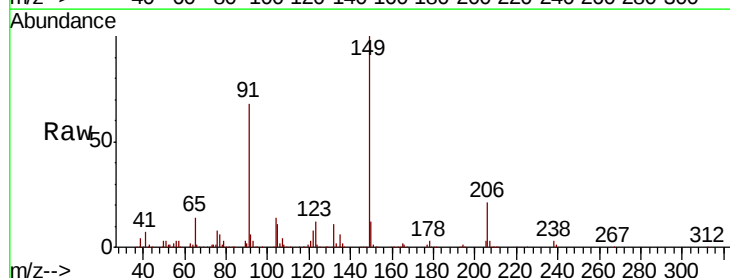
Tgt Ion:149 Resp: 322705

Ion Ratio Lower Upper

149 100

91 68.1 57.2 85.8

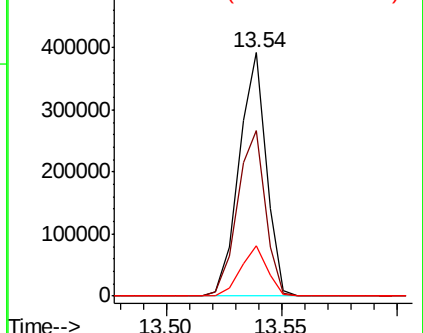
206 20.6 15.7 23.5



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: 41.235 ng

RT: 14.13 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BF110413.D

Acq: 2 Nov 2018 15:50

Instrument :

BNA_F

ClientSampleId :

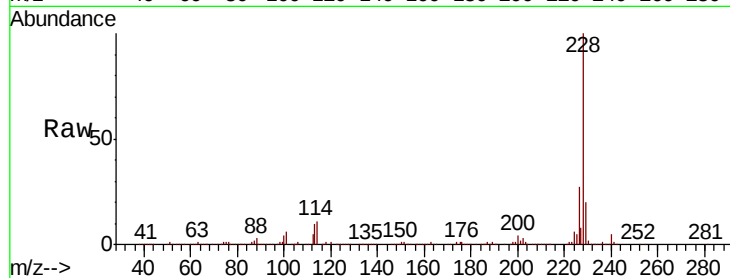
Tot Ion:228 Resp: 554130

Ion Ratio Lower Upper

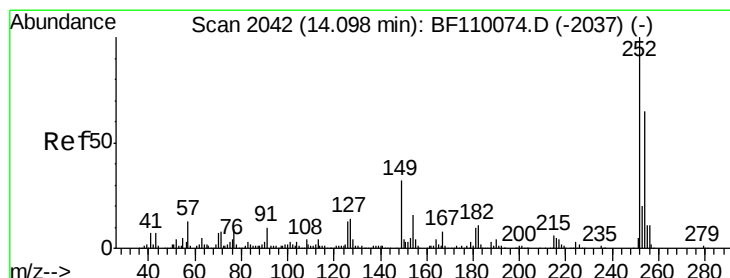
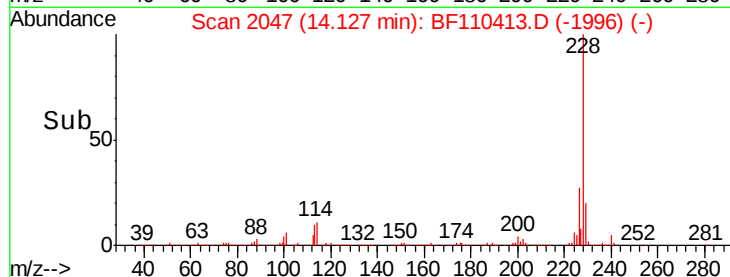
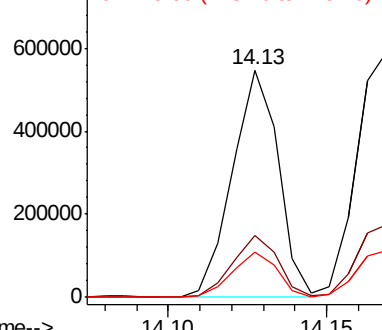
228 100

226 27.0 22.1 33.1

229 19.6 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E
800000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.919 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BF110413.D

Acq: 2 Nov 2018 15:50

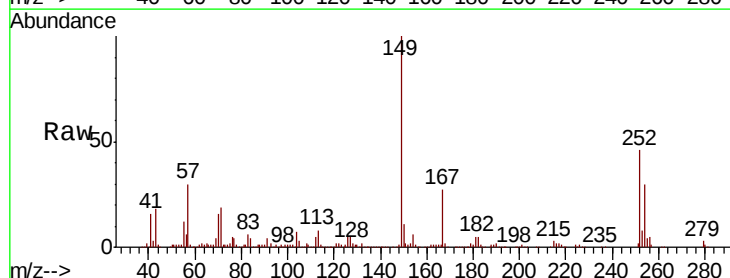
Tgt Ion:252 Resp: 186802

Ion Ratio Lower Upper

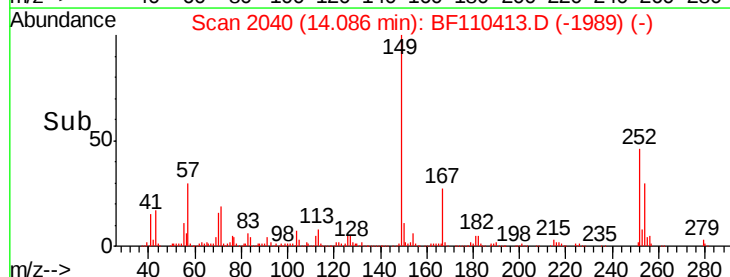
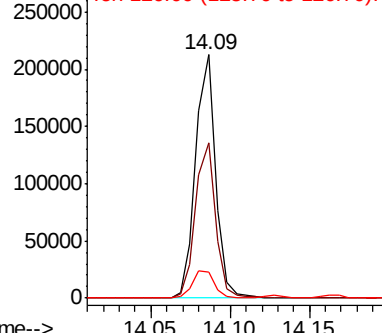
252 100

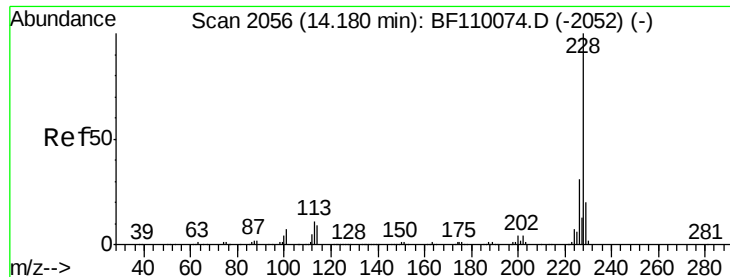
254 63.8 51.3 76.9

126 10.8 9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E
250000
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

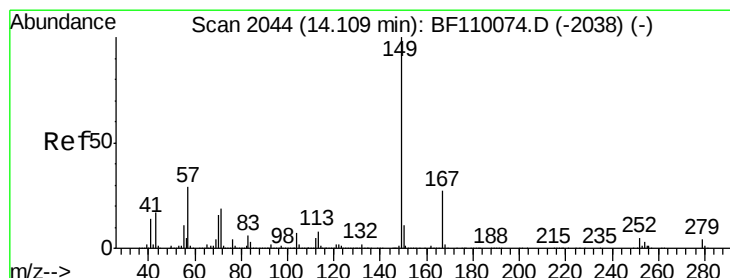
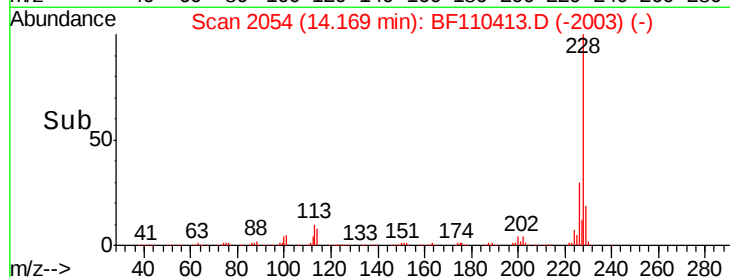
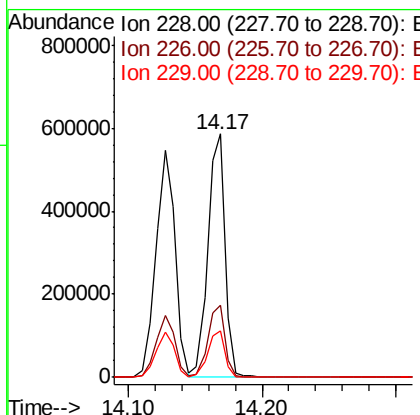
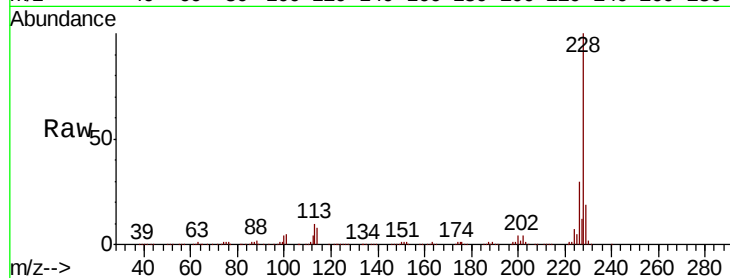




#83
 Chrvsene
 Concen: 41.268 ng
 RT: 14.17 min Scan# 2054
 Delta R.T. 0.00 min
 Lab File: BF110413.D
 Acq: 2 Nov 2018 15:50

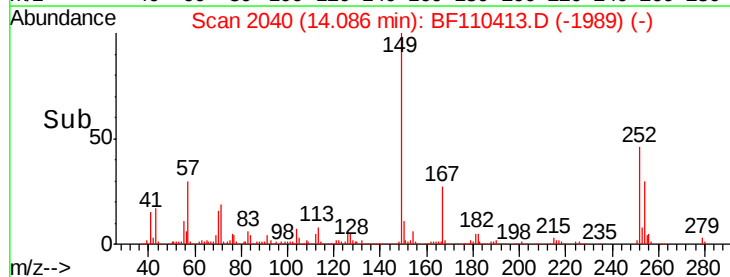
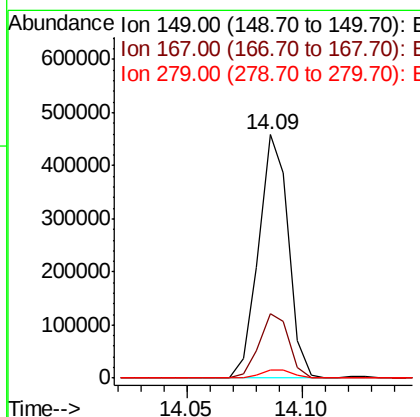
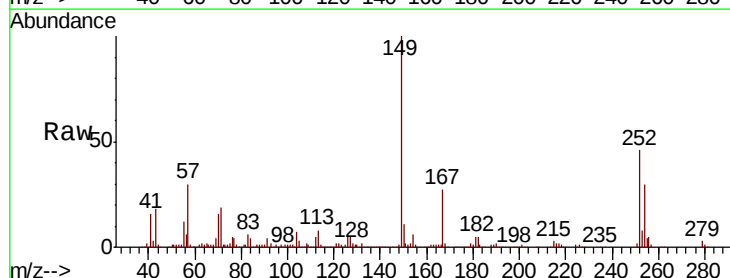
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.7	37.1
229	19.0	15.9	23.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.288 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BF110413.D
 Acq: 2 Nov 2018 15:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.5	19.8	29.8
279	3.2	2.7	4.1

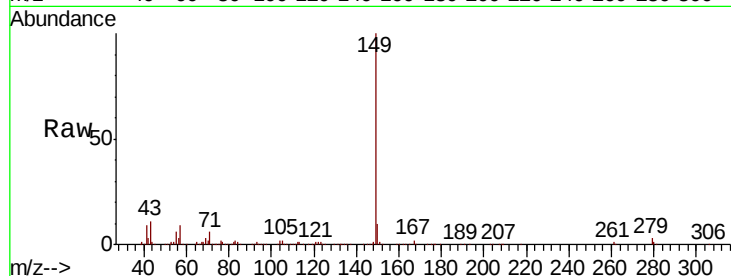




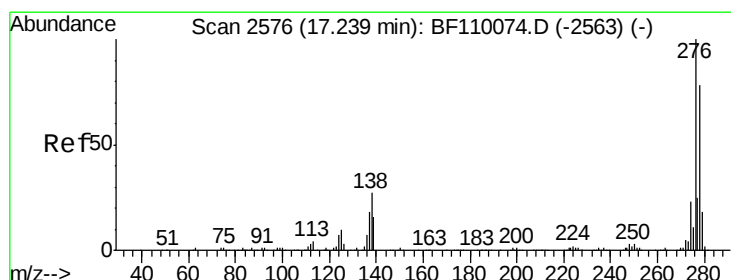
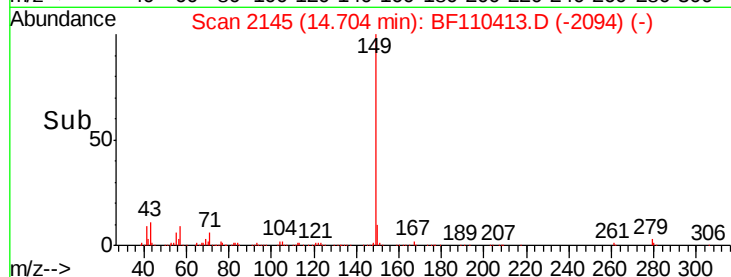
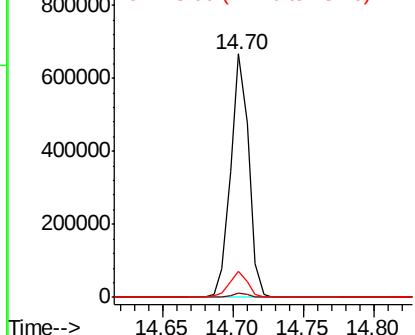
#85
Di-n-octyl phthalate
Concen: 39.984 ng
RT: 14.70 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BF110413.D
Acq: 2 Nov 2018 15:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	10.5	7.8	11.8

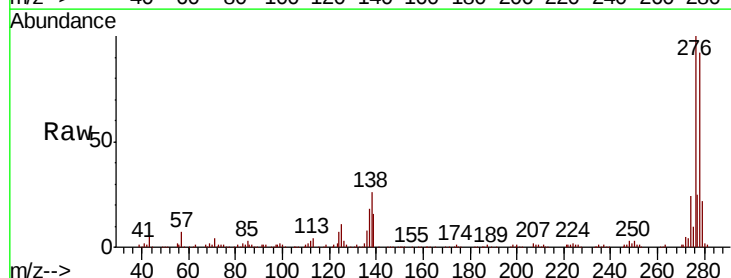


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

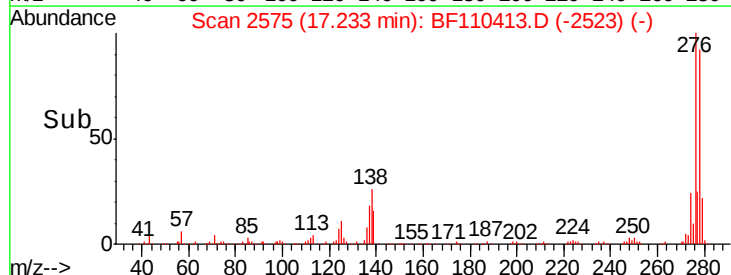
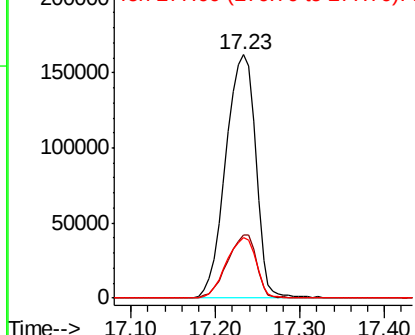


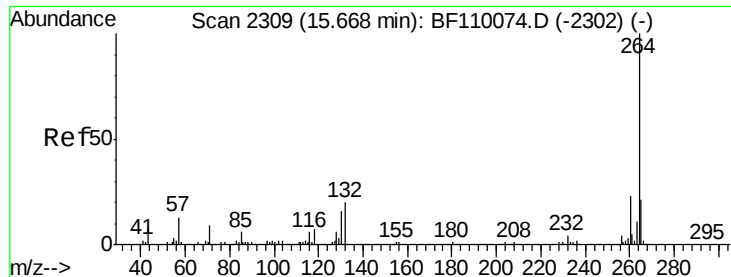
#86
Indeno(1,2,3-cd)pyrene
Concen: 37.594 ng
RT: 17.23 min Scan# 2575
Delta R.T. 0.01 min
Lab File: BF110413.D
Acq: 2 Nov 2018 15:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.2	18.5	27.7
277	24.8	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

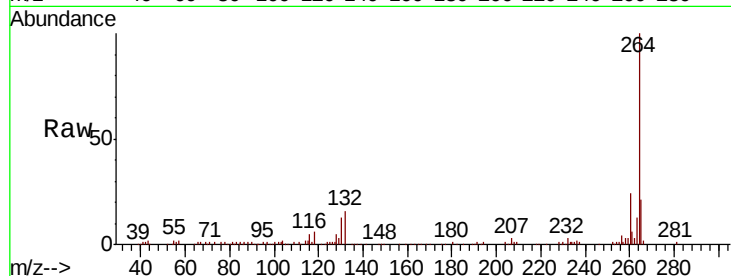




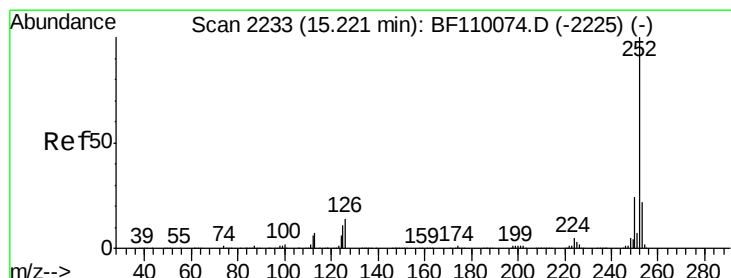
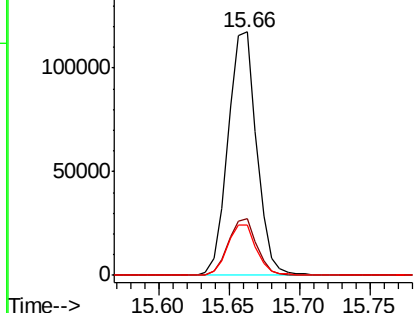
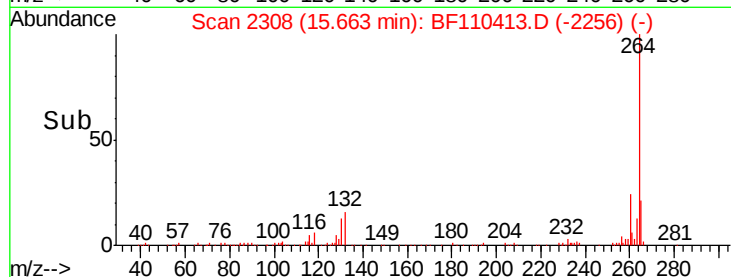
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110413.D
Acq: 2 Nov 2018 15:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 166078
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 20.9 16.7 25.1

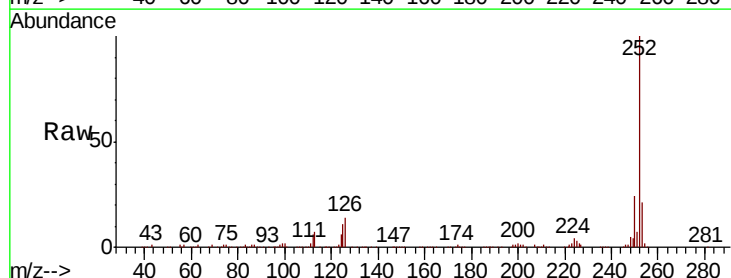


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

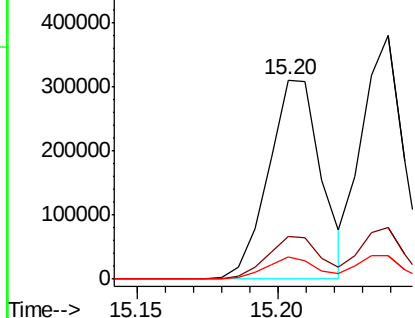
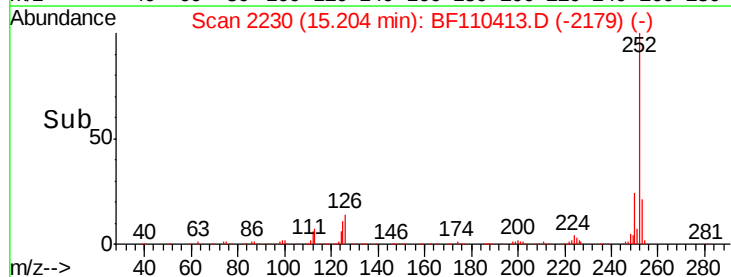


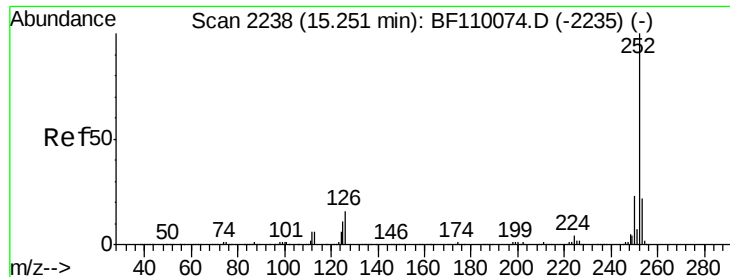
#88
Benzo(b)fluoranthene
Concen: 42.002 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110413.D
Acq: 2 Nov 2018 15:50

Tgt Ion:252 Resp: 402818
Ion Ratio Lower Upper
252 100
253 21.3 17.2 25.8
125 11.1 8.2 12.4



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

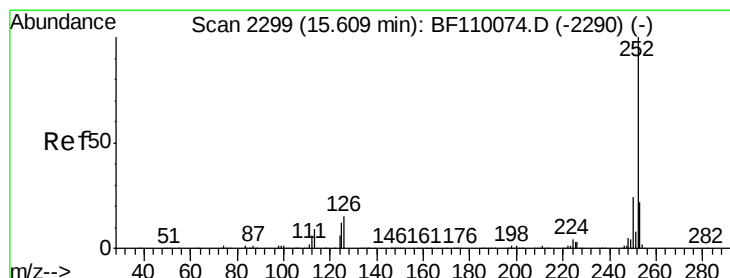
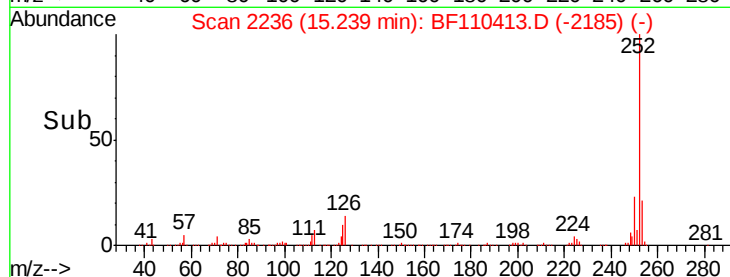
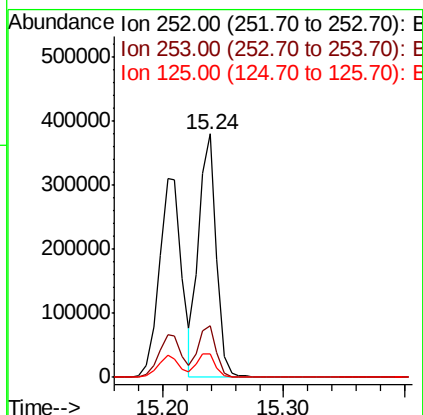
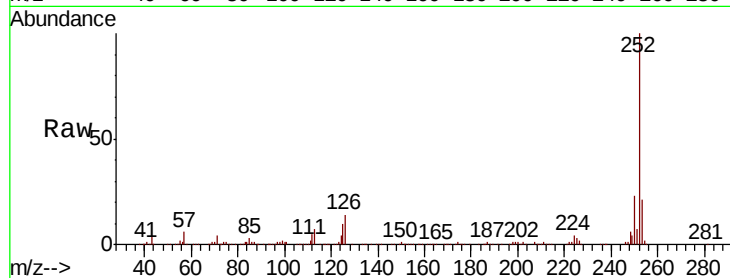




#89
Benzo(k)fluoranthene
Concen: 41.005 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF110413.D
Acq: 2 Nov 2018 15:50

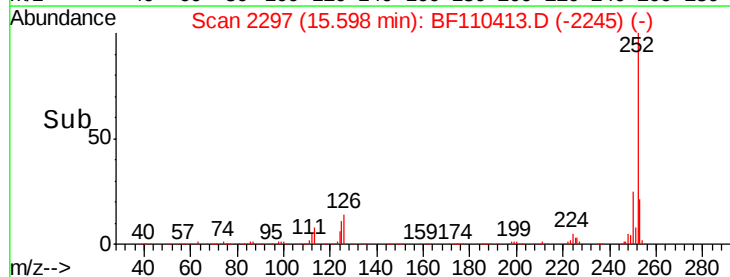
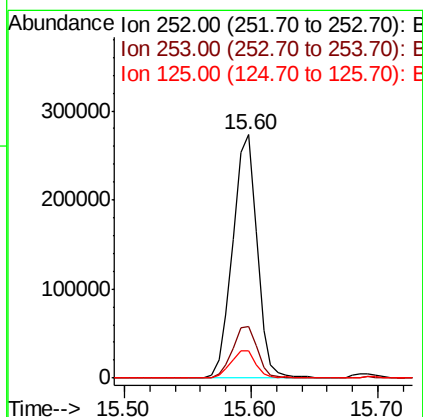
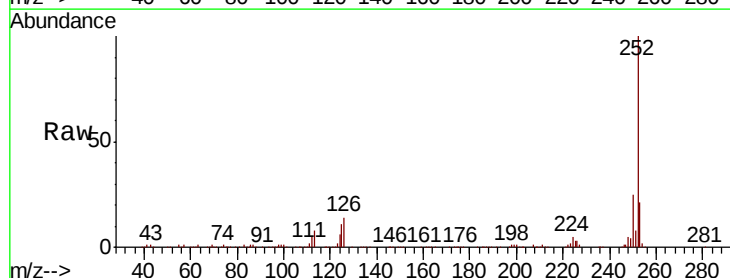
Instrument :
BNA_F
ClientSampleId :

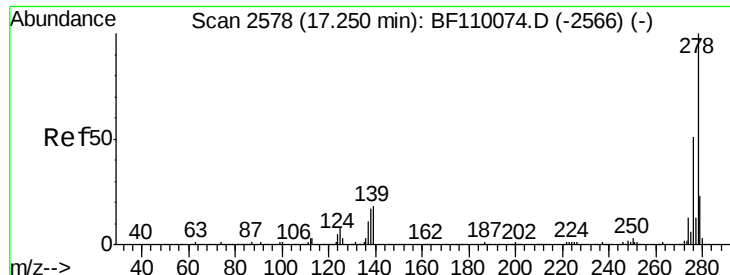
Tot Ion:252 Resp: 386604
Ion Ratio Lower Upper
252 100
253 21.3 17.2 25.8
125 9.9 7.4 11.0



#90
Benzo(a)pyrene
Concen: 41.195 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BF110413.D
Acq: 2 Nov 2018 15:50

Tgt Ion:252 Resp: 363534
Ion Ratio Lower Upper
252 100
253 21.0 18.2 27.4
125 11.2 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 43.572 ng

RT: 17.24 min Scan# 2576

Delta R.T. 0.00 min

Lab File: BF110413.D

Acq: 2 Nov 2018 15:50

Instrument :

BNA_F

ClientSampleId :

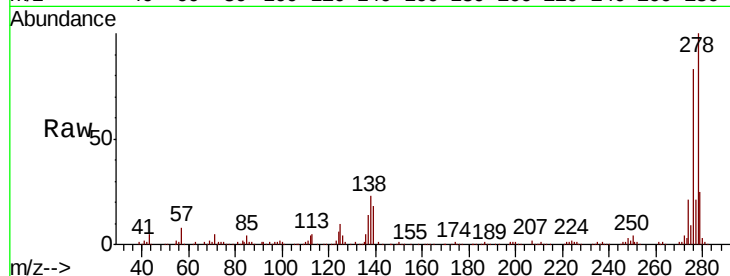
Tot Ion:278 Resp: 331773

Ion Ratio Lower Upper

278 100

139 18.1 12.7 19.1

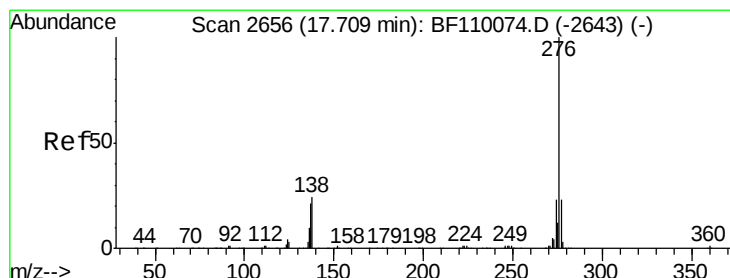
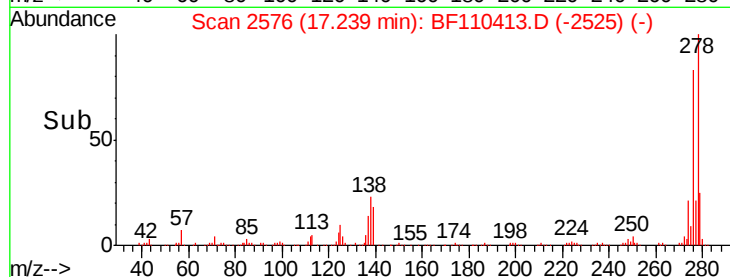
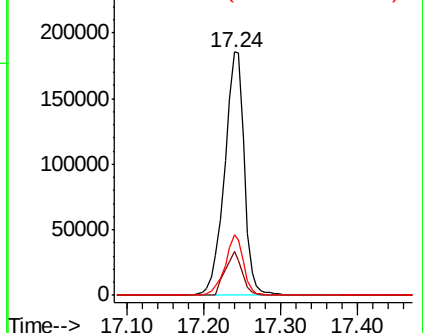
279 24.8 19.0 28.4



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: 44.779 ng

RT: 17.71 min Scan# 2656

Delta R.T. 0.01 min

Lab File: BF110413.D

Acq: 2 Nov 2018 15:50

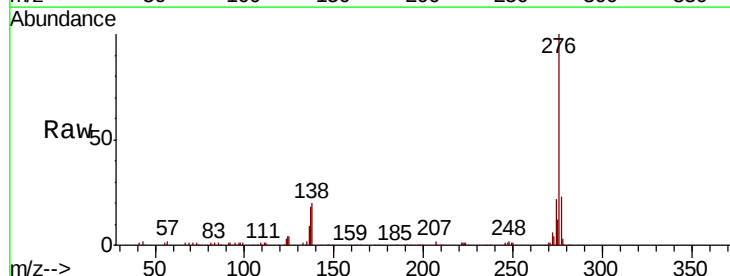
Tgt Ion:276 Resp: 335991

Ion Ratio Lower Upper

276 100

277 23.3 18.8 28.2

138 20.3 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

