

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110416.D
 Acq On : 2 Nov 2018 17:15
 Operator : JU/SJ
 Sample : J5769-07MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 03 00:50:12 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	90663	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	376793	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	176211	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	302277	20.00	ng	0.00
76) Chrysene-d12	14.14	240	162431	20.00	ng	0.00
87) Perylene-d12	15.66	264	162645	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	707929	127.16	ng	0.02
7) Phenol-d6	6.59	99	926288	130.08	ng	0.00
23) Nitrobenzene-d5	7.52	82	571468	89.96	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	212095	121.51	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	954856	85.09	ng	0.00
79) Terphenyl-d14	13.07	244	687949	88.08	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.89	88	79404	27.222	ng	89
3) Pyridine	3.66	79	228180	35.121	ng	# 83
4) n-Nitrosodimethylamine	3.62	42	119640	43.954	ng	91
6) Aniline	6.62	93	273275	29.459	ng	# 53
8) 2-Chlorophenol	6.75	128	262774	40.938	ng	99
9) Benzaldehyde	6.51	77	172502	42.459	ng	96
10) Phenol	6.60	94	365901	48.069	ng	# 67
11) bis(2-Chloroethyl)ether	6.69	93	236215	37.719	ng	95
12) 1,3-Dichlorobenzene	6.90	146	270341	38.271	ng	99
13) 1,4-Dichlorobenzene	6.97	146	272605	38.158	ng	98
14) 1,2-Dichlorobenzene	7.13	146	256994	38.751	ng	100
15) Benzyl Alcohol	7.10	79	228056	41.639	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.22	45	382889	38.239	ng	69
17) 2-Methylphenol	7.20	107	215274	42.083	ng	# 82
18) Hexachloroethane	7.46	117	100595	38.460	ng	93
19) n-Nitroso-di-n-propylamine	7.36	70	177544	38.862	ng	95
20) 3+4-Methylphenols	7.36	107	271446	41.051	ng	90
22) Acetophenone	7.37	105	363519	41.870	ng	99
24) Nitrobenzene	7.54	77	268688	40.967	ng	98
25) Isophorone	7.77	82	493456	45.569	ng	97
26) 2-Nitrophenol	7.86	139	141615	45.375	ng	90
27) 2,4-Dimethylphenol	7.89	122	244279	47.208	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	308397	41.923	ng	99
29) 2,4-Dichlorophenol	8.09	162	219343	41.958	ng	97
30) 1,2,4-Trichlorobenzene	8.18	180	231379	39.514	ng	96
31) Naphthalene	8.26	128	754401	43.441	ng	100
32) Benzoic acid	7.89	122	244279	61.081	ng	# 10
33) 4-Chloroaniline	8.31	127	156060	19.968	ng	97
34) Hexachlorobutadiene	8.37	225	126359	38.864	ng	98
35) Caprolactam	8.68	113	27820	15.268	ng	89
36) 4-Chloro-3-methylphenol	8.79	107	237027	41.929	ng	93
37) 2-Methylnaphthalene	8.95	142	525429	45.730	ng	99
38) 1-Methylnaphthalene	9.05	142	489456	44.081	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	219194	39.923	ng	98

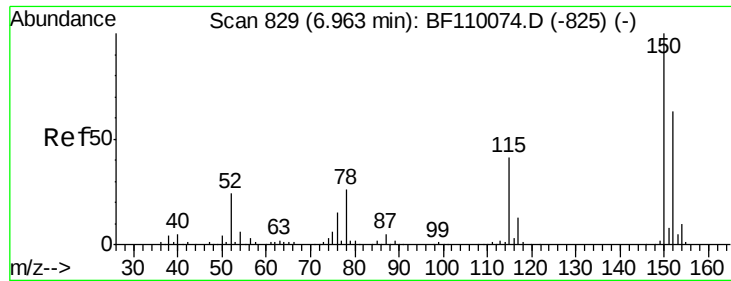
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	188060	66.987	ng	98
43) 2,4,6-Trichlorophenol	9.23	196	145325	41.038	ng	93
44) 2,4,5-Trichlorophenol	9.27	196	155432	41.524	ng	95
46) 1,1'-Biphenyl	9.42	154	629661	39.515	ng	99
47) 2-Chloronaphthalene	9.45	162	474056	40.557	ng	98
48) 2-Nitroaniline	9.55	65	149821	42.298	ng	93
49) Acenaphthylene	9.86	152	738380	43.737	ng	99
50) Dimethylphthalate	9.72	163	689629	53.018	ng	99
51) 2,6-Dinitrotoluene	9.79	165	120863	43.137	ng #	83
52) Acenaphthene	10.03	154	443320	39.694	ng	99
53) 3-Nitroaniline	9.96	138	97112	29.146	ng	90
54) 2,4-Dinitrophenol	10.06	184	23003	24.523	ng	93
55) Dibenzofuran	10.20	168	635723	40.655	ng	99
56) 4-Nitrophenol	10.12	139	225378	91.393	ng	96
57) 2,4-Dinitrotoluene	10.19	165	155824	43.785	ng	88
58) Fluorene	10.55	166	511266	43.932	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.28	232	105978	34.735	ng	97
60) Diethylphthalate	10.41	149	529527	41.704	ng	99
61) 4-Chlorophenyl-phenylether	10.53	204	242013	39.421	ng	98
62) 4-Nitroaniline	10.57	138	123707	37.329	ng	93
63) Azobenzene	10.70	77	510975	40.542	ng	96
65) 4,6-Dinitro-2-methylphenol	10.60	198	35871	25.974	ng	99
66) n-Nitrosodiphenylamine	10.66	169	437156	44.092	ng	97
67) 4-Bromophenyl-phenylether	11.03	248	140866	42.962	ng #	92
68) Hexachlorobenzene	11.10	284	143862	41.352	ng #	91
69) Atrazine	11.18	200	135768	43.331	ng	100
70) Pentachlorophenol	11.29	266	92511	45.603	ng	99
71) Phenanthrene	11.52	178	719628	45.498	ng	100
72) Anthracene	11.57	178	716357	45.186	ng	99
73) Carbazole	11.72	167	582910	37.658	ng	99
74) Di-n-butylphthalate	12.03	149	748324	42.805	ng	99
75) Fluoranthene	12.71	202	629595	39.222	ng	97
77) Benzidine	12.83	184	200018	43.099	ng	97
78) Pyrene	12.94	202	586907	50.400	ng	99
80) Butylbenzylphthalate	13.54	149	226212	44.756	ng	95
81) Benzo(a)anthracene	14.13	228	432404	44.890	ng	99
82) 3,3'-Dichlorobenzidine	14.08	252	102889	30.675	ng	98
83) Chrysene	14.16	228	404201	44.180	ng	98
84) Bis(2-ethylhexyl)phthalate	14.09	149	290602	42.532	ng	98
85) Di-n-octyl phthalate	14.70	149	470021	44.241	ng	98
86) Indeno(1,2,3-cd)pyrene	17.23	276	445128	58.647	ng	97
88) Benzo(b)fluoranthene	15.20	252	421406	44.868	ng	99
89) Benzo(k)fluoranthene	15.23	252	369893	40.060	ng	98
90) Benzo(a)pyrene	15.60	252	393671	45.552	ng	99
91) Dibenzo(a,h)anthracene	17.24	278	366775	49.185	ng	98
92) Benzo(g,h,i)perylene	17.70	276	355003	48.311	ng	97

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

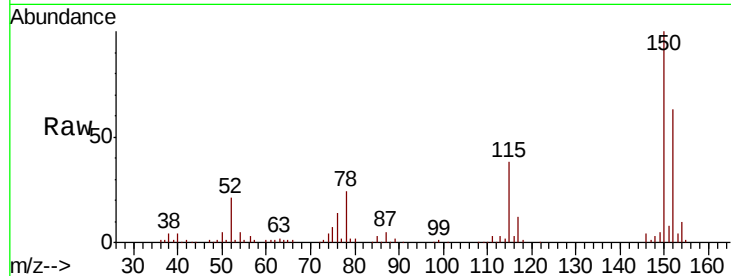


#1

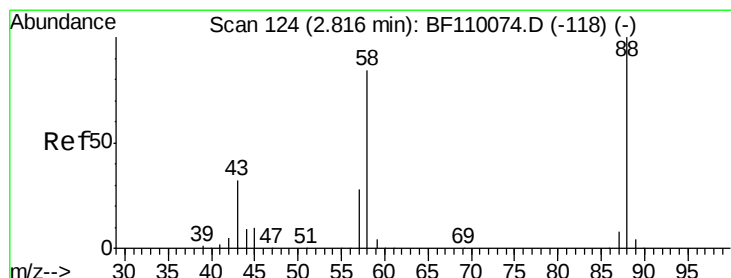
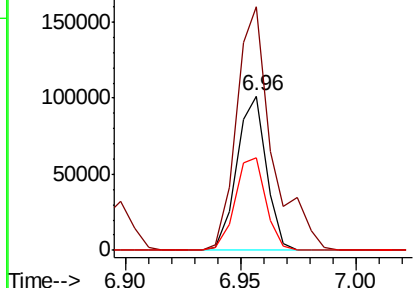
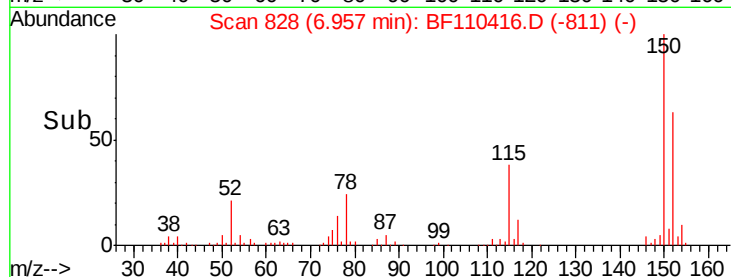
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110416.D
Acq: 2 Nov 2018 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 90663
Ion Ratio Lower Upper
152 100
150 158.1 122.7 184.1
115 60.3 49.1 73.7



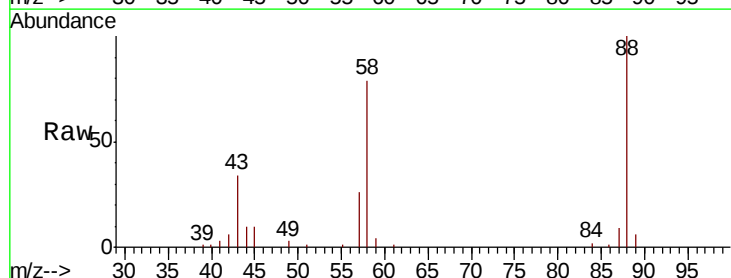
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



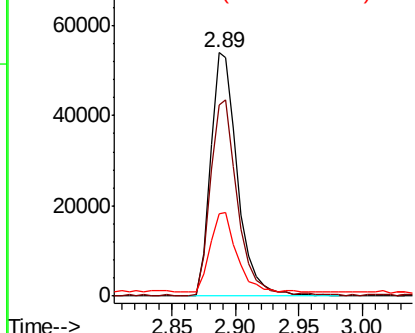
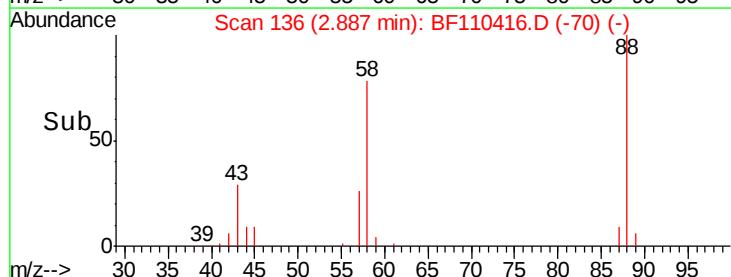
#2

1,4-Dioxane
Concen: 27.222 ng
RT: 2.89 min Scan# 136
Delta R.T. 0.09 min
Lab File: BF110416.D
Acq: 2 Nov 2018 17:15

Tgt Ion: 88 Resp: 79404
Ion Ratio Lower Upper
88 100
58 82.9 57.1 85.7
43 32.4 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: 35.121 ng

RT: 3.66 min Scan# 268

Delta R.T. 0.08 min

Lab File: BF110416.D

Acq: 2 Nov 2018 17:15

Instrument :

BNA_F

ClientSampleId :

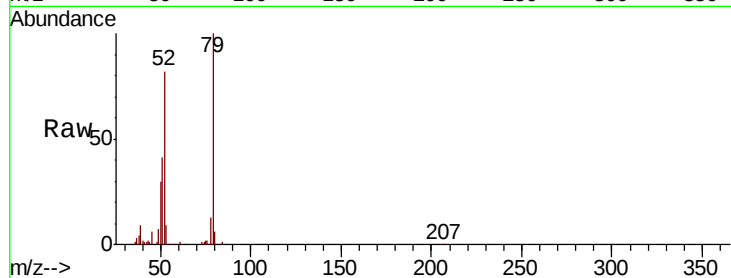
Tot Ion: 79 Resp: 228180

Ion Ratio Lower Upper

79 100

52 81.8 53.1 79.7#

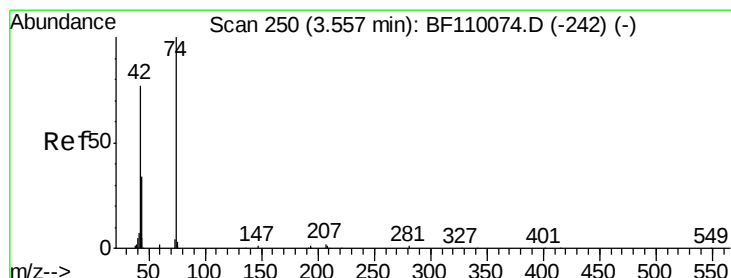
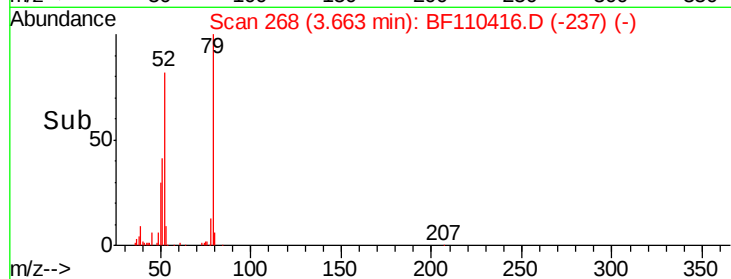
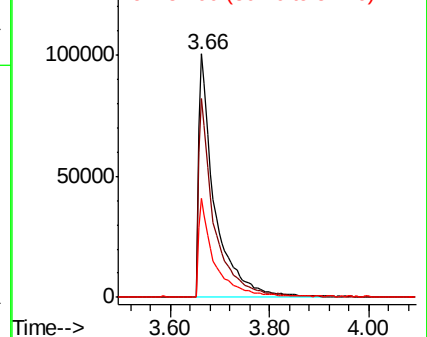
51 40.9 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 43.954 ng

RT: 3.62 min Scan# 260

Delta R.T. 0.07 min

Lab File: BF110416.D

Acq: 2 Nov 2018 17:15

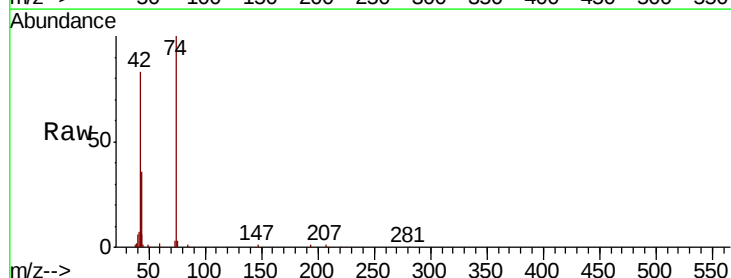
Tgt Ion: 42 Resp: 119640

Ion Ratio Lower Upper

42 100

74 120.6 105.5 158.3

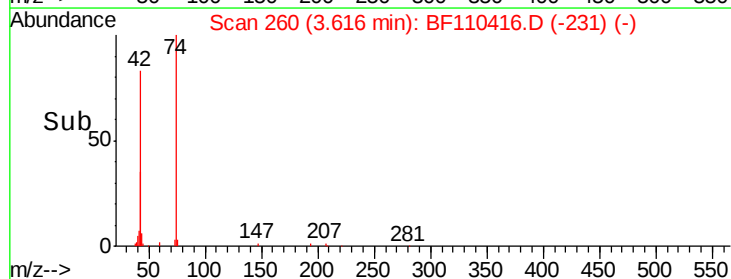
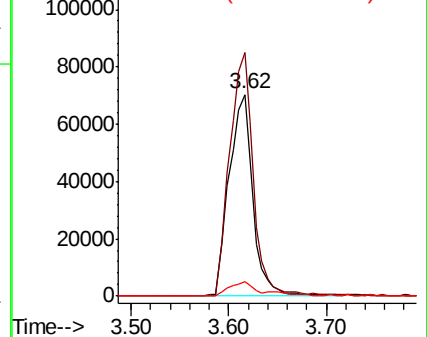
44 7.3 4.9 7.3



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 127.155 ng

RT: 5.59 min Scan# 596

Delta R.T. 0.02 min

Lab File: BF110416.D

Acq: 2 Nov 2018 17:15

Instrument :

BNA_F

ClientSampled :

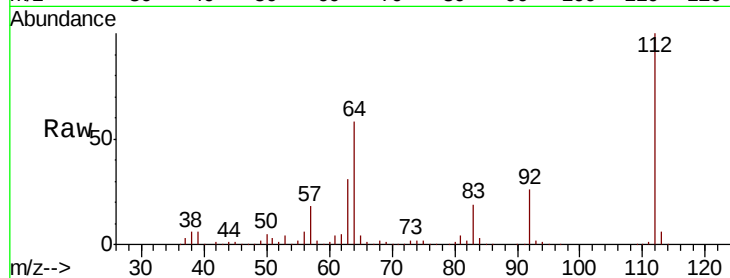
Tot Ion:112 Resp: 707929

Ion Ratio Lower Upper

112 100

64 58.2 44.1 66.1

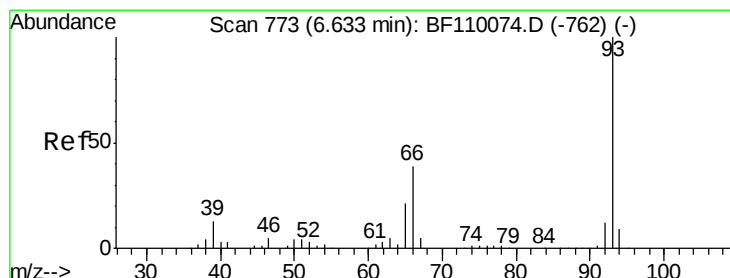
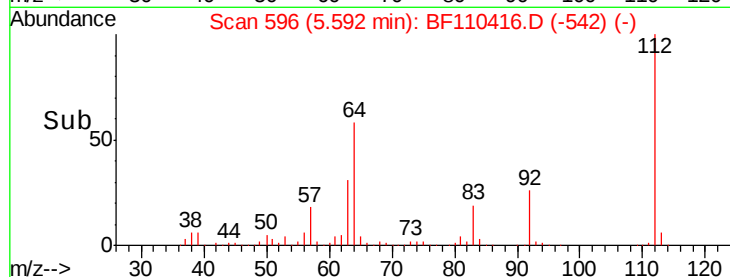
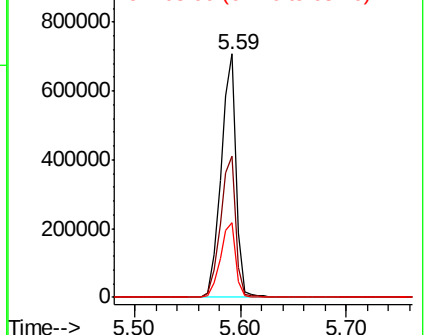
63 30.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.459 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF110416.D

Acq: 2 Nov 2018 17:15

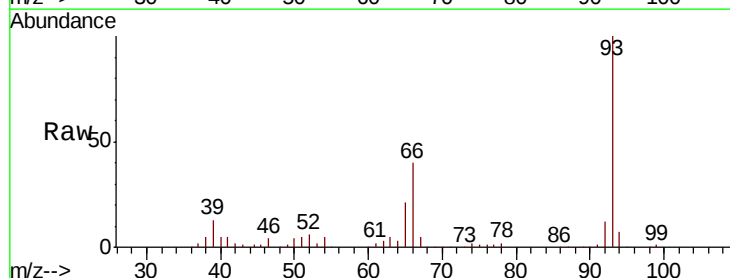
Tgt Ion: 93 Resp: 273275

Ion Ratio Lower Upper

93 100

66 40.4 67.4 101.0#

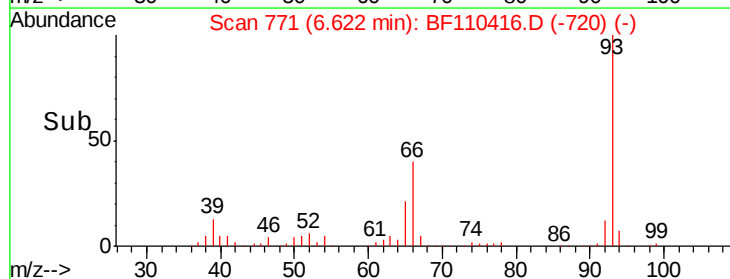
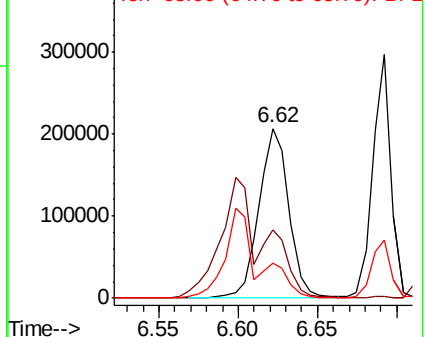
65 20.6 41.0 61.4#

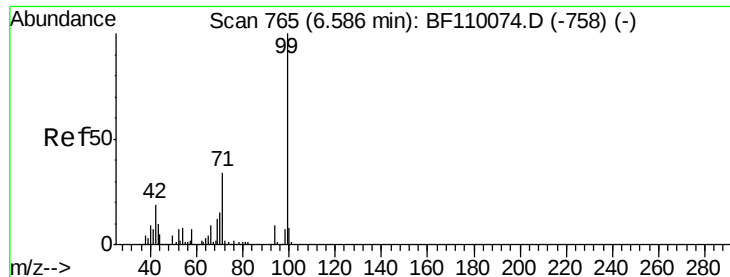


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 130.075 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF110416.D

Acq: 2 Nov 2018 17:15

Instrument :

BNA_F

ClientSampleId :

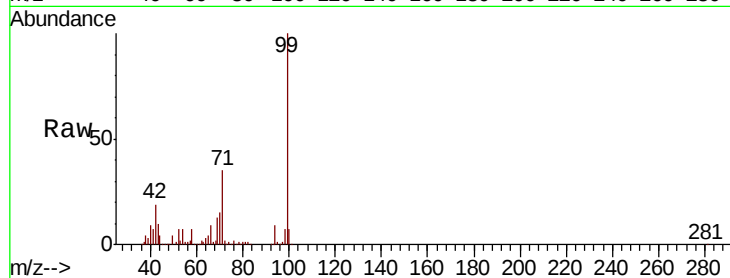
Tot Ion: 99 Resp: 926288

Ion Ratio Lower Upper

99 100

42 19.2 15.8 23.6

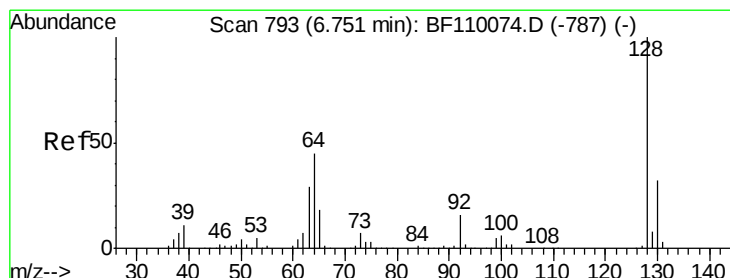
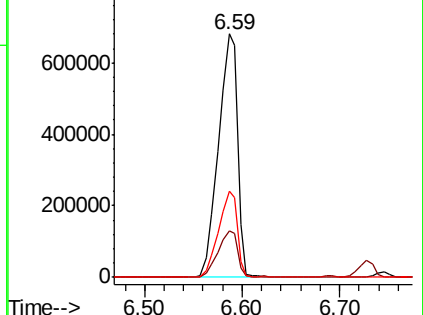
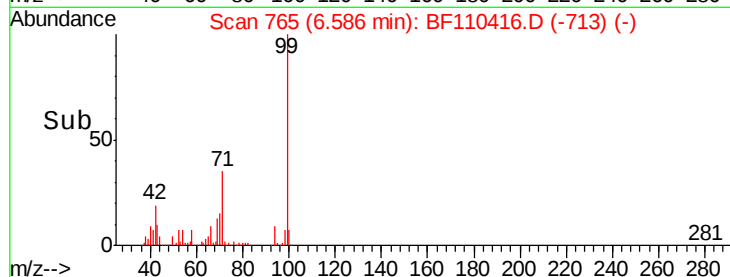
71 35.5 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.938 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF110416.D

Acq: 2 Nov 2018 17:15

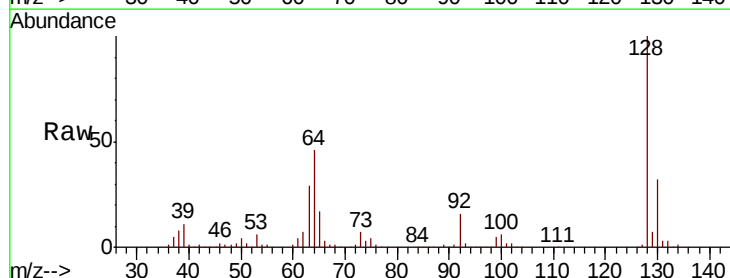
Tgt Ion: 128 Resp: 262774

Ion Ratio Lower Upper

128 100

130 32.4 13.1 53.1

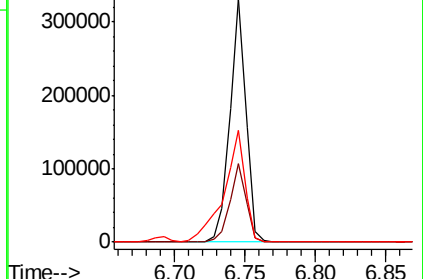
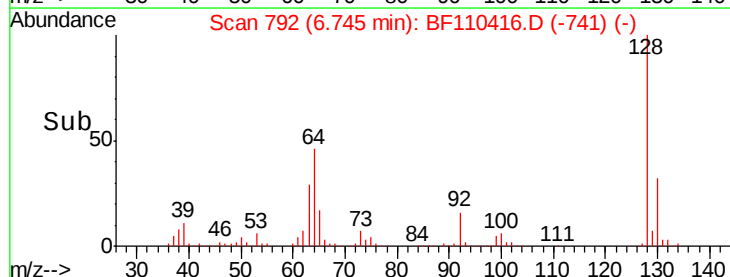
64 45.7 26.0 66.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 42.459 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF110416.D

Acq: 2 Nov 2018 17:15

Instrument :

BNA_F

ClientSampled :

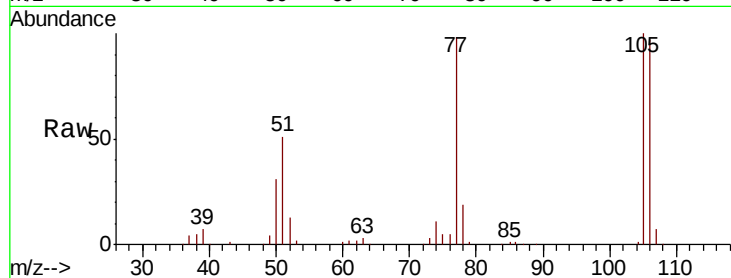
Tot Ion: 77 Resp: 172502

Ion Ratio Lower Upper

77 100

105 101.8 78.6 118.6

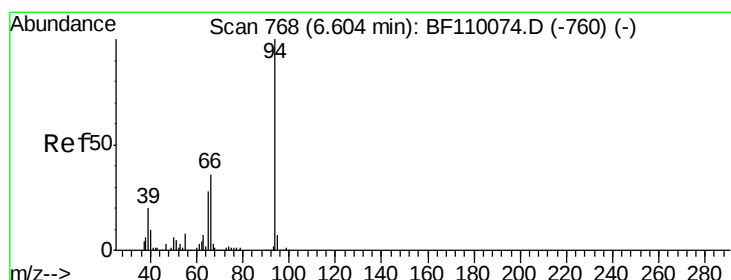
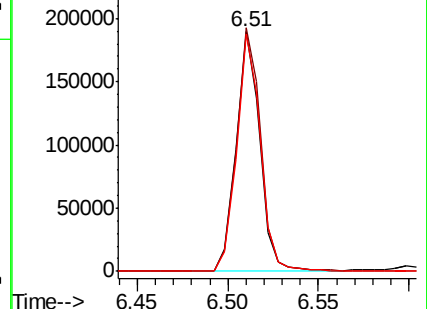
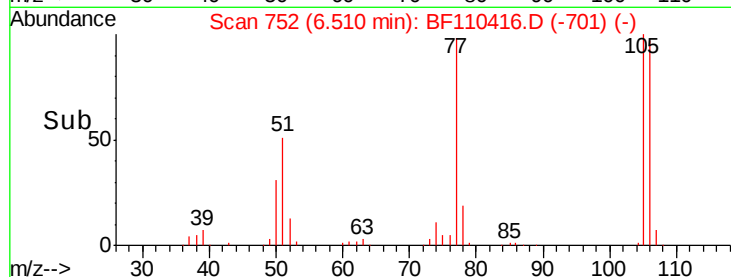
106 98.9 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 48.069 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF110416.D

Acq: 2 Nov 2018 17:15

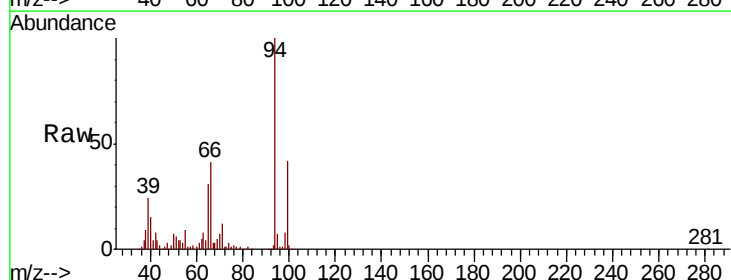
Tgt Ion: 94 Resp: 365901

Ion Ratio Lower Upper

94 100

65 30.9 25.3 65.3

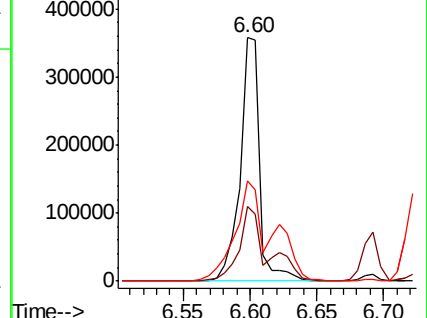
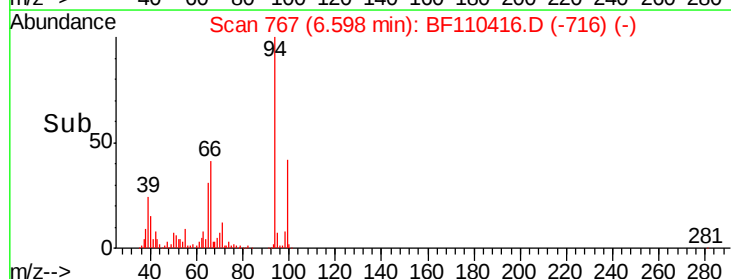
66 41.3 54.5 94.5#

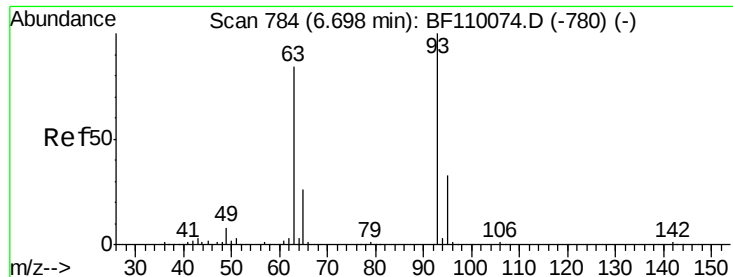


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

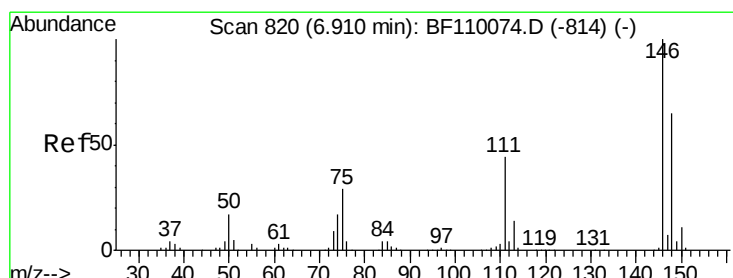
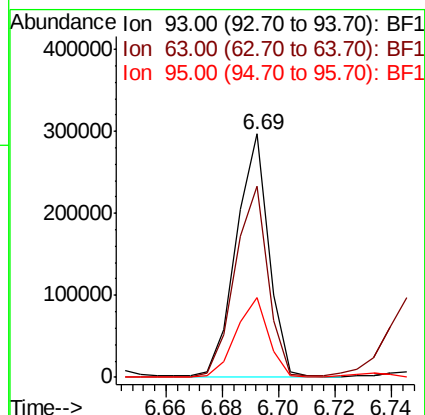
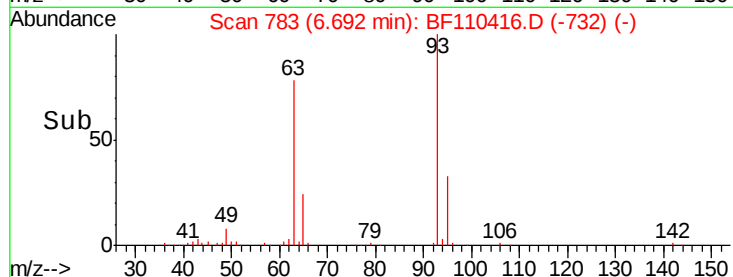
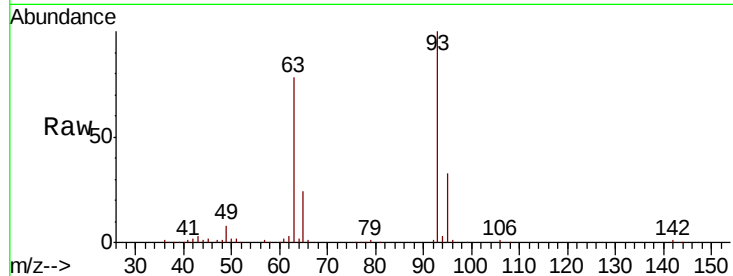




#11
 bis(2-Chloroethyl)ether
 Concen: 37.719 ng
 RT: 6.69 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF110416.D
 Acq: 2 Nov 2018 17:15

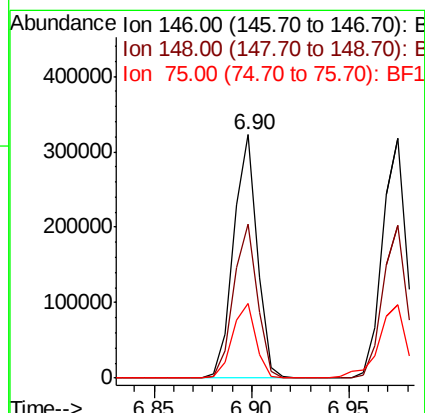
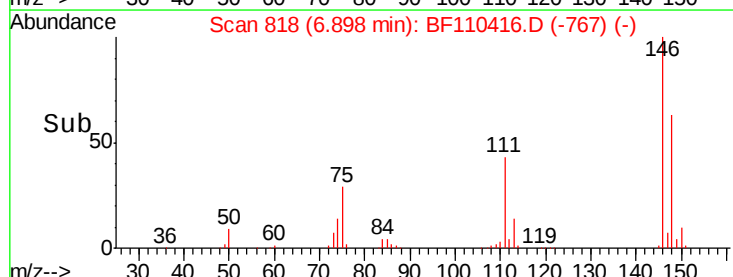
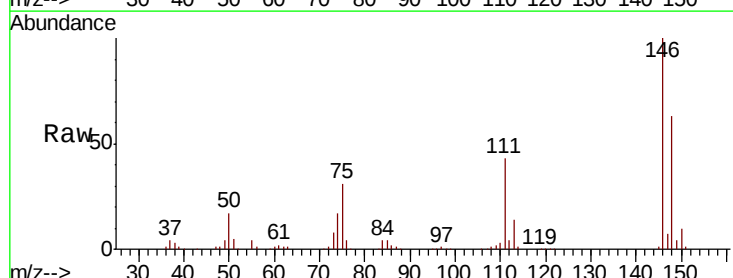
Instrument :
 BNA_F
 ClientSampleId :

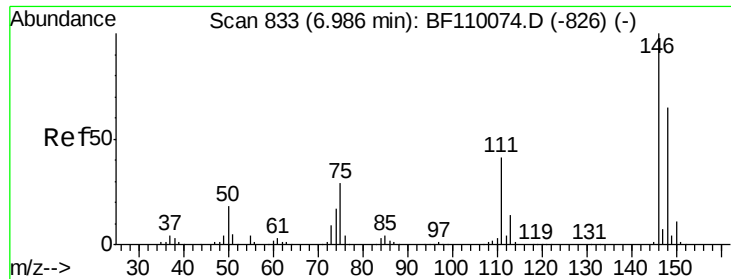
Tot Ion: 93 Resp: 236215
 Ion Ratio Lower Upper
 93 100
 63 78.5 53.4 93.4
 95 32.9 12.1 52.1



#12
 1,3-Dichlorobenzene
 Concen: 38.271 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF110416.D
 Acq: 2 Nov 2018 17:15

Tgt Ion: 146 Resp: 270341
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.4 75.6
 75 30.6 25.8 38.6

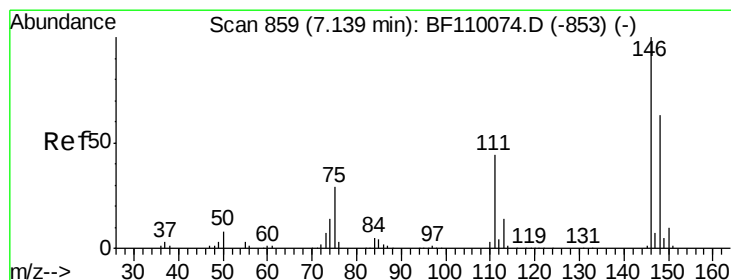
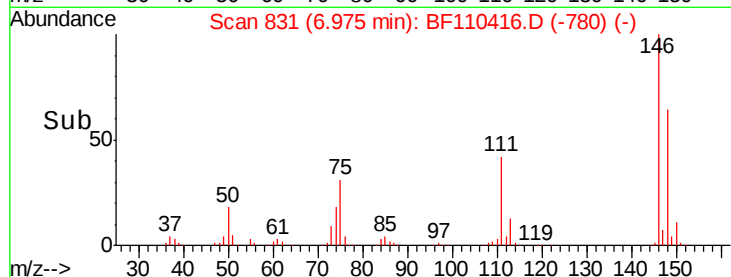
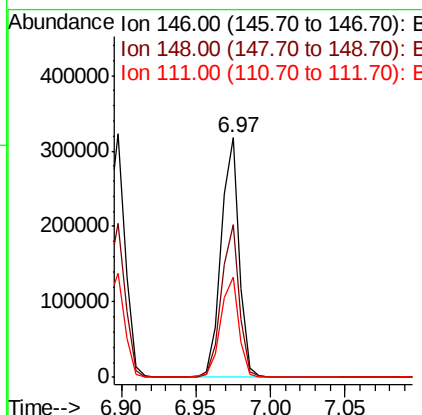
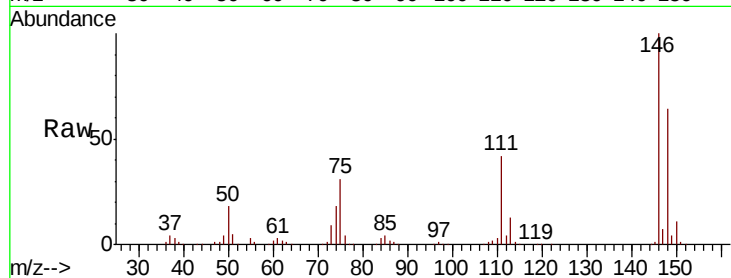




#13
 1,4-Dichlorobenzene
 Concen: 38.158 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF110416.D
 Acq: 2 Nov 2018 17:15

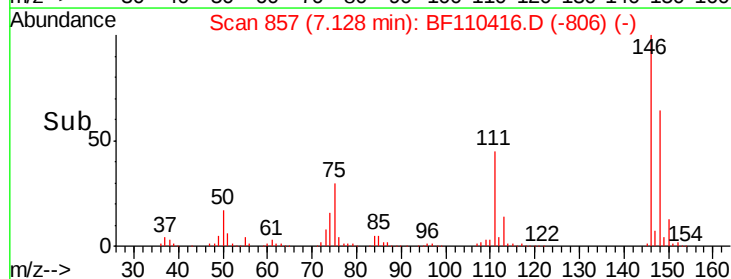
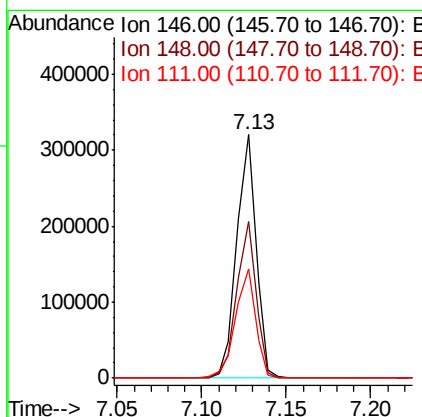
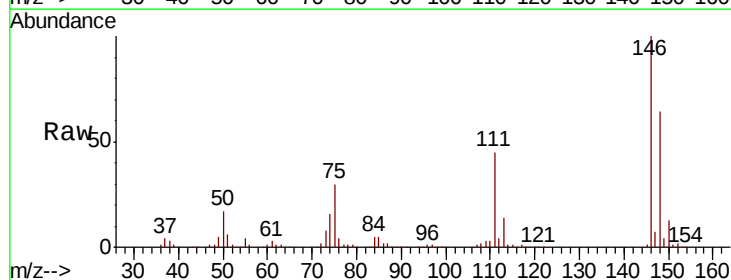
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 272605
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.3 75.5
 111 42.2 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 38.751 ng
 RT: 7.13 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF110416.D
 Acq: 2 Nov 2018 17:15

Tgt Ion:146 Resp: 256994
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.1 76.7
 111 44.6 35.8 53.6





#15

Benzyl Alcohol

Concen: 41.639 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF110416.D

Acq: 2 Nov 2018 17:15

Instrument :
BNA_F
ClientSampleId :

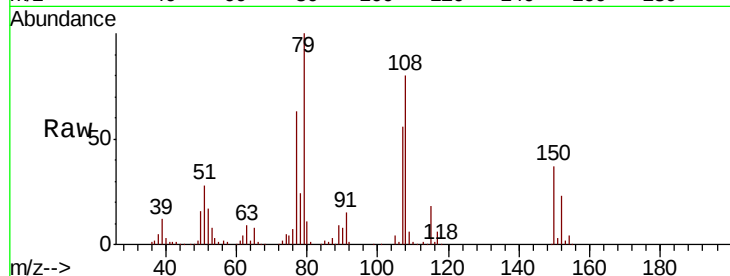
Tot Ion: 79 Resp: 228056

Ion Ratio Lower Upper

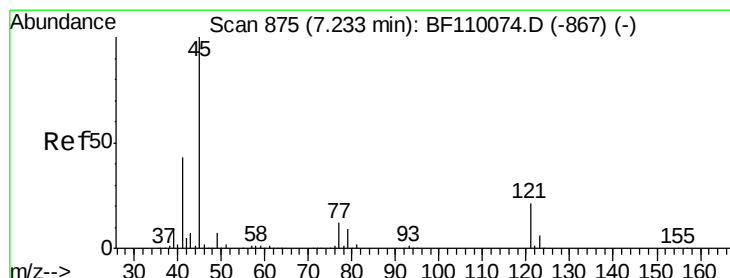
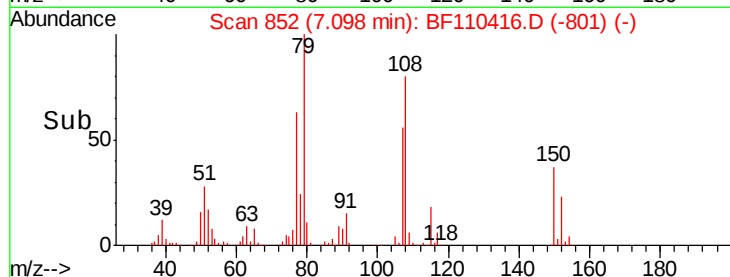
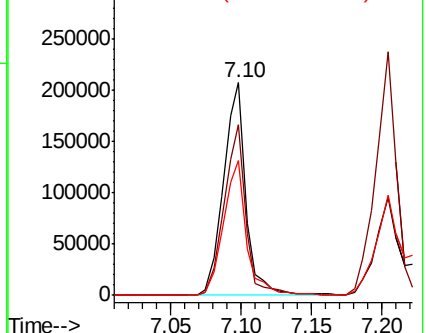
79 100

108 80.4 56.3 84.5

77 63.3 52.9 79.3



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.239 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF110416.D

Acq: 2 Nov 2018 17:15

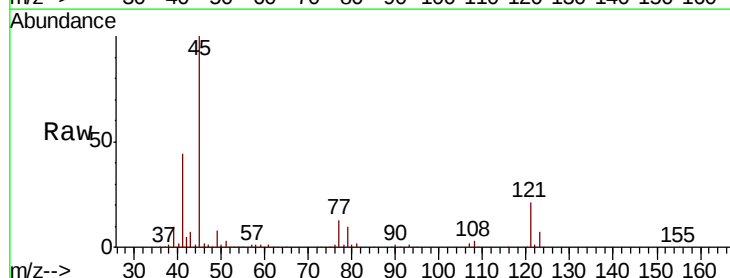
Tgt Ion: 45 Resp: 382889

Ion Ratio Lower Upper

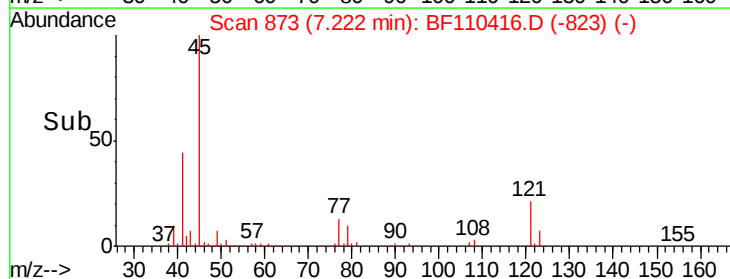
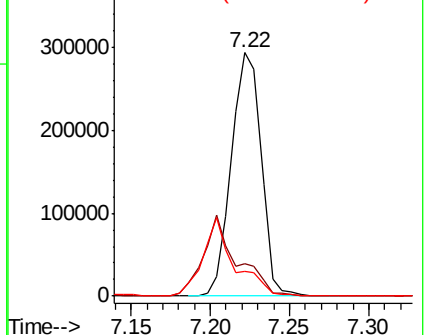
45 100

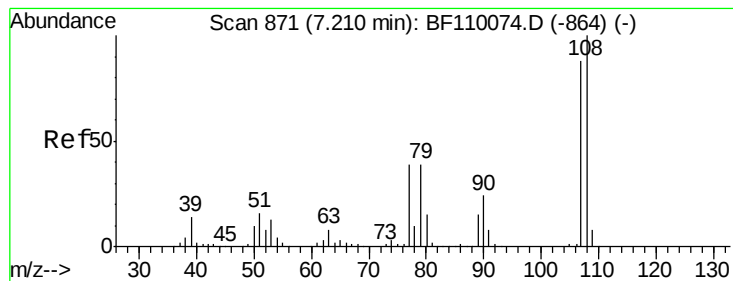
77 13.4 10.0 50.0

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

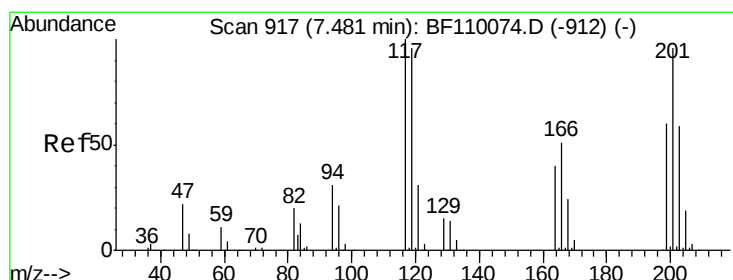
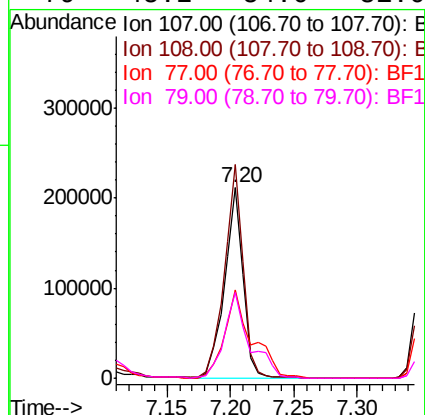
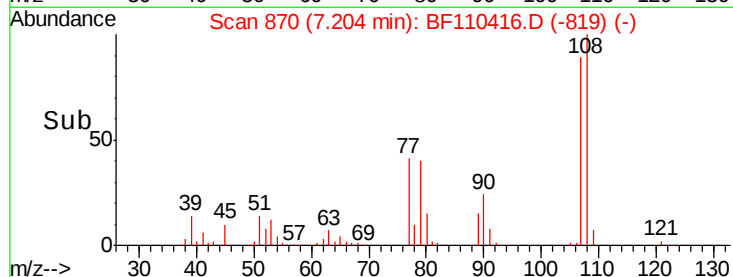
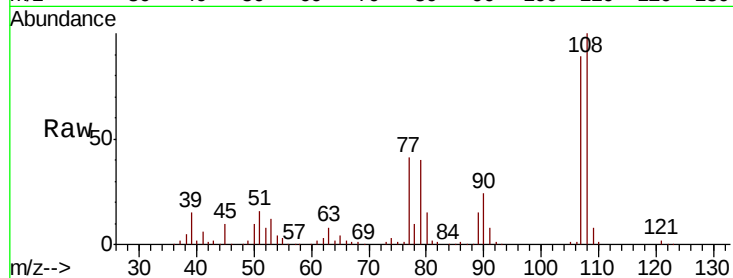




#17
2-Methylphenol
Concen: 42.083 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF110416.D
Acq: 2 Nov 2018 17:15

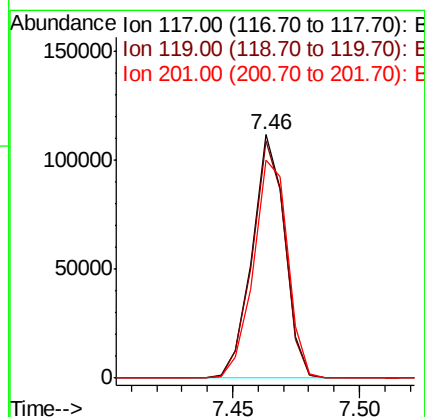
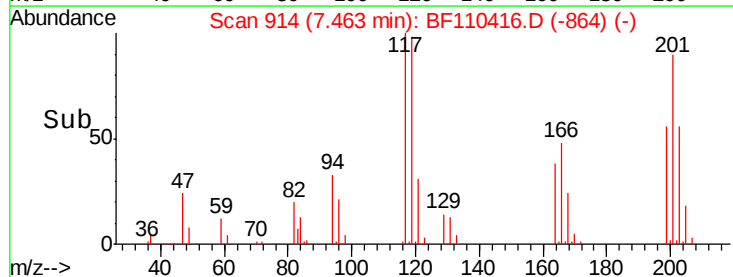
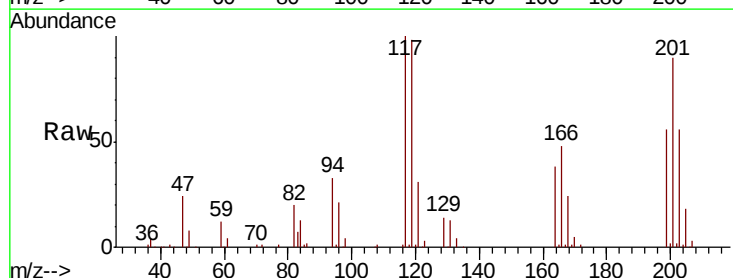
Instrument :
BNA_F
ClientSampleId :

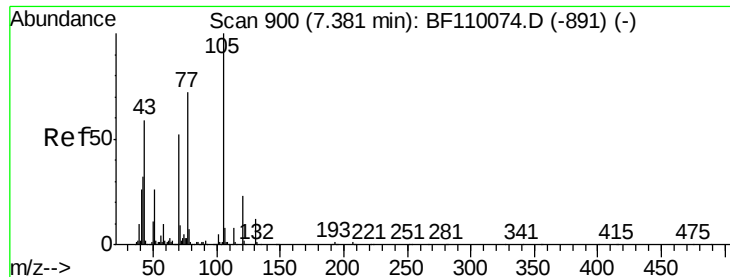
Tot Ion:107 Resp: 215274
Ion Ratio Lower Upper
107 100
108 112.3 92.6 138.8
77 46.4 59.4 89.2#
79 45.2 54.0 81.0#



#18
Hexachloroethane
Concen: 38.460 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF110416.D
Acq: 2 Nov 2018 17:15

Tgt Ion:117 Resp: 100595
Ion Ratio Lower Upper
117 100
119 97.7 75.0 112.6
201 89.6 79.2 118.8

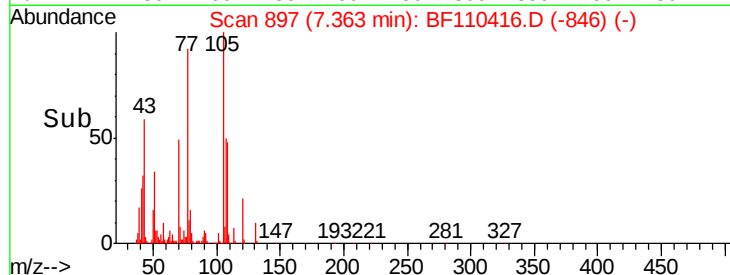
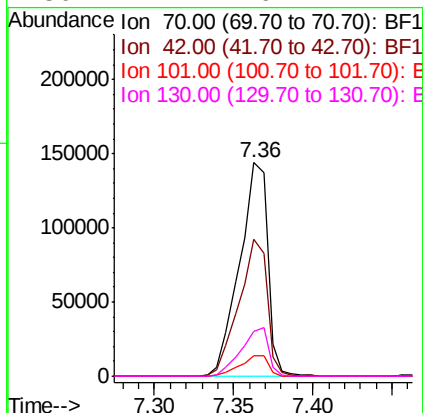
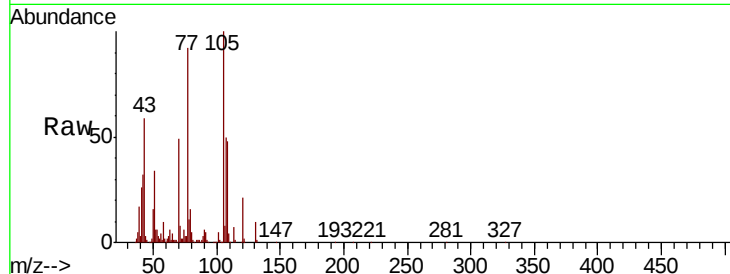




#19
n-Nitroso-di-n-propylamine
Concen: 38.862 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF110416.D
Acq: 2 Nov 2018 17:15

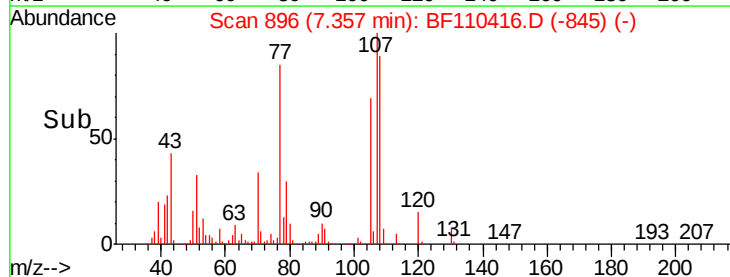
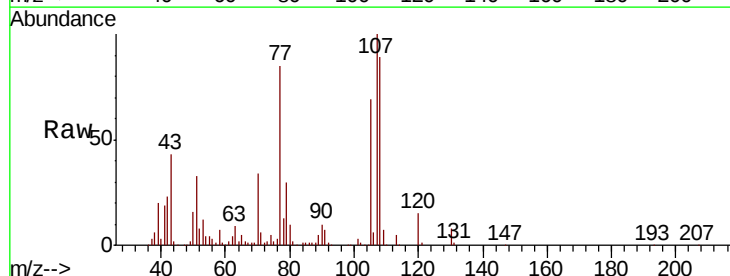
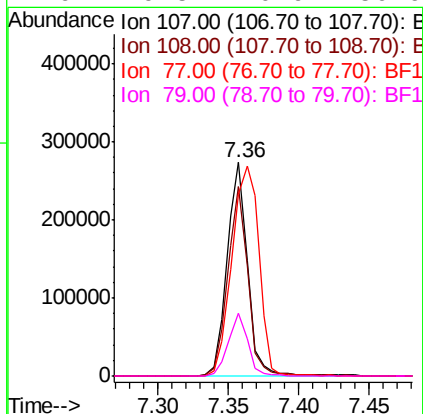
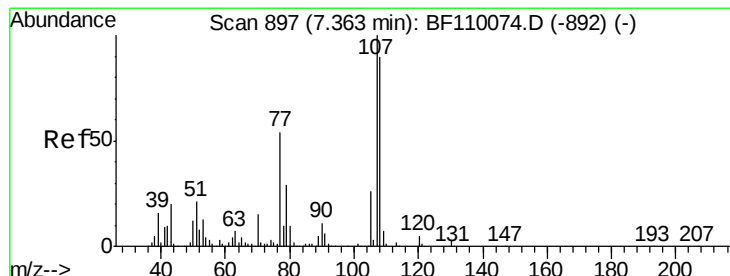
Instrument :
BNA_F
ClientSampleId :

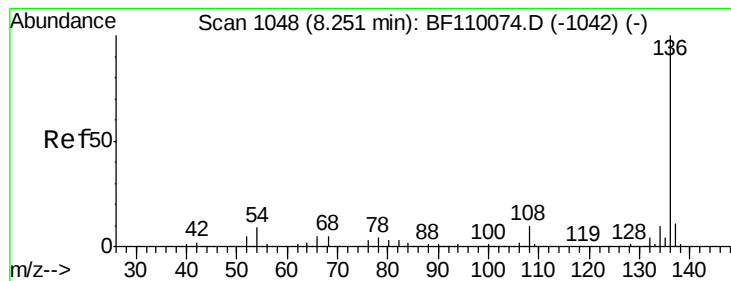
Tot Ion: 70 Resp: 177544
Ion Ratio Lower Upper
70 100
42 64.1 47.4 71.2
101 9.5 7.3 10.9
130 21.1 16.2 24.2



#20
3+4-Methylphenols
Concen: 41.051 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110416.D
Acq: 2 Nov 2018 17:15

Tgt Ion:107 Resp: 271446
Ion Ratio Lower Upper
107 100
108 88.9 71.4 111.4
77 85.2 47.3 87.3
79 29.5 10.9 50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF110416.D

Acq: 2 Nov 2018 17:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 376793

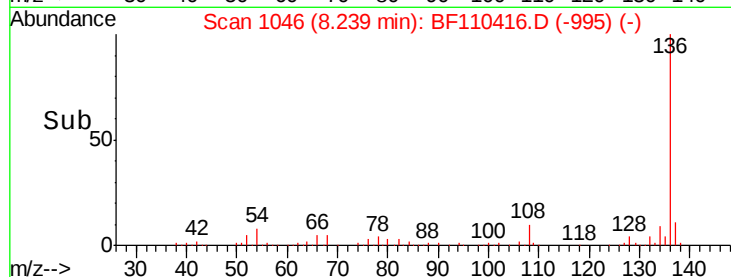
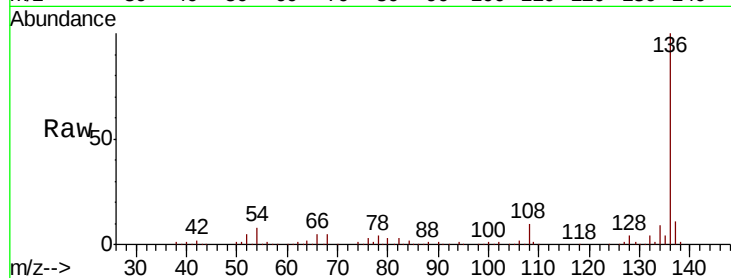
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 7.8 5.4 8.2

68 4.8 4.2 6.2



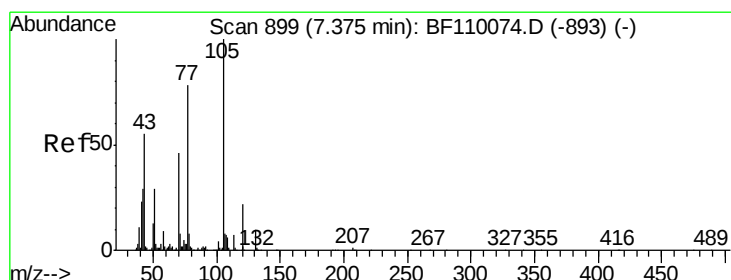
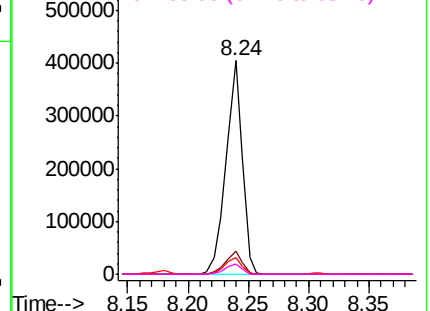
Abundance

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: 41.870 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF110416.D

Acq: 2 Nov 2018 17:15

Tgt Ion:105 Resp: 363519

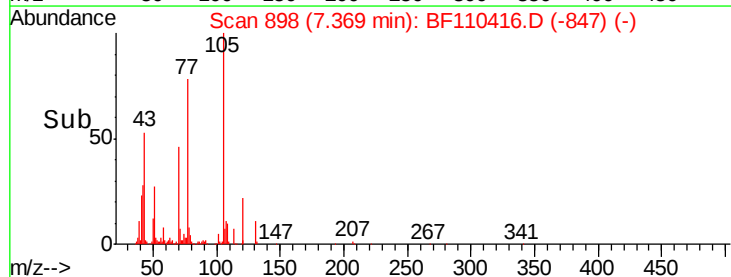
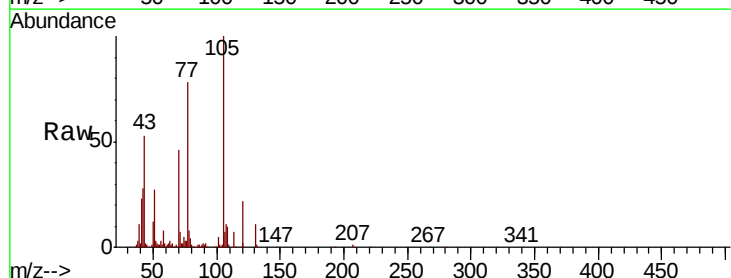
Ion Ratio Lower Upper

105 100

71 7.4 5.2 7.8

51 27.3 21.8 32.8

120 22.3 17.0 25.4



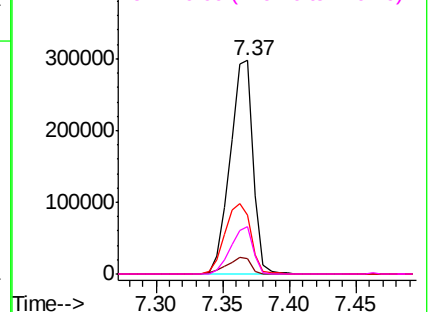
Abundance

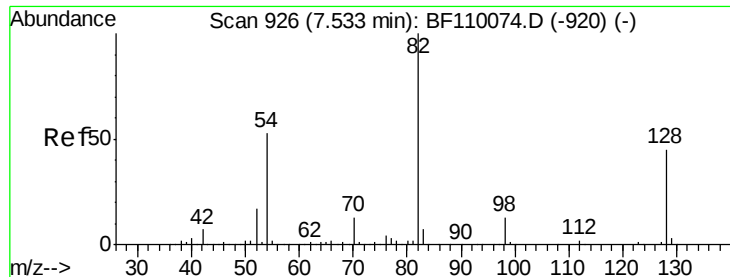
Ion 105.00 (104.70 to 105.70): E

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

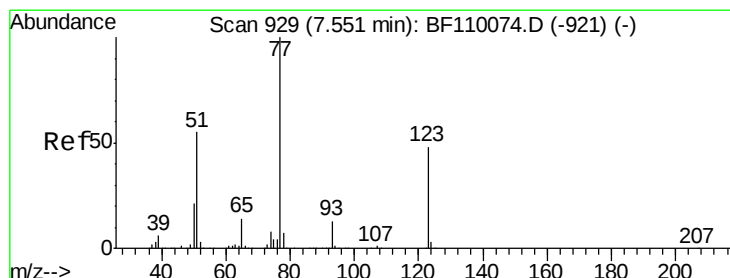
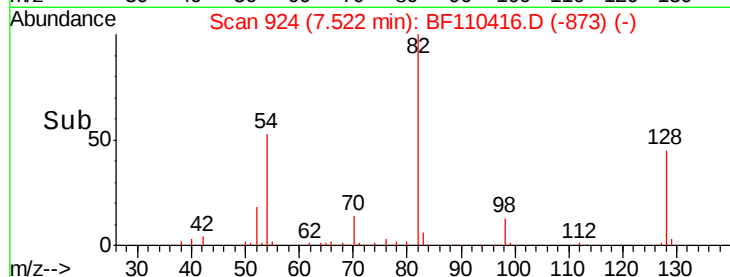
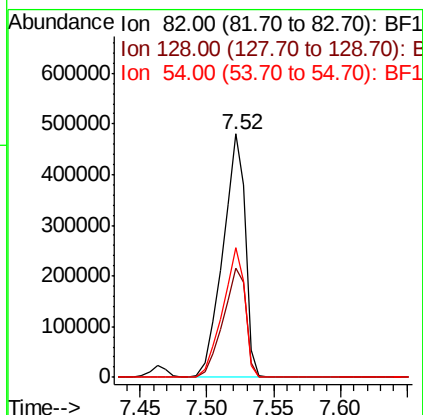
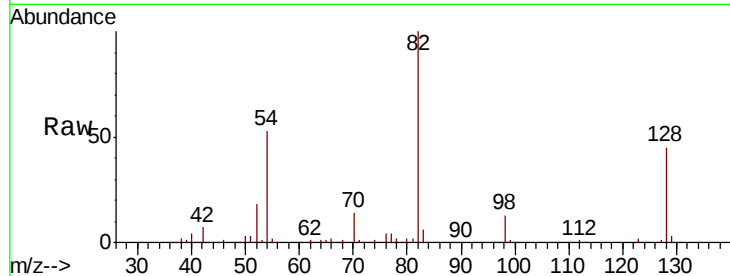




#23
 Nitrobenzene-d5
 Concen: 89.958 ng
 RT: 7.52 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF110416.D
 Acq: 2 Nov 2018 17:15

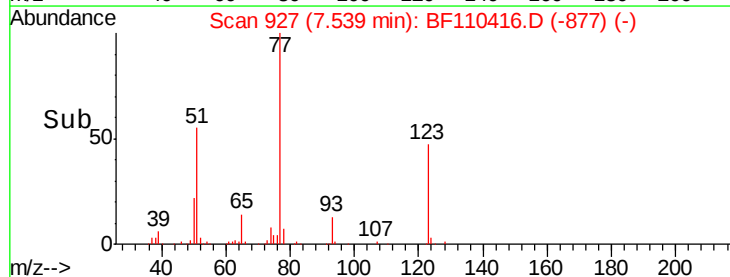
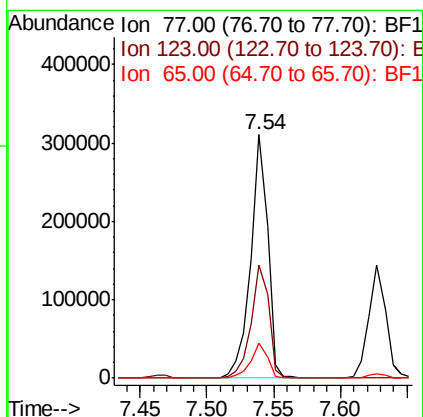
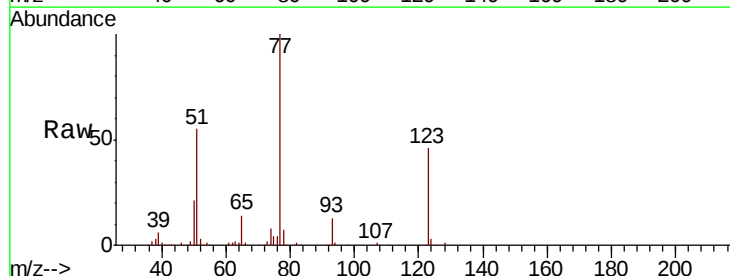
Instrument :
 BNA_F
 ClientSampleId :

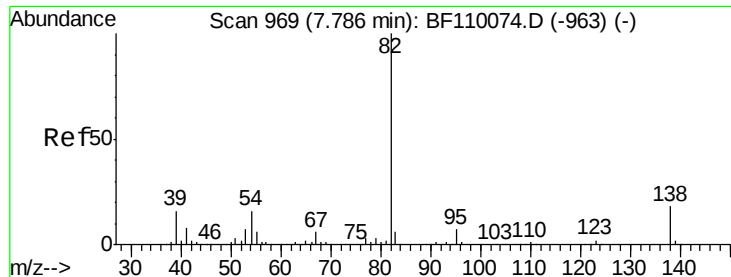
Tot Ion: 82 Resp: 571468
 Ion Ratio Lower Upper
 82 100
 128 45.0 34.2 51.2
 54 53.2 38.6 58.0



#24
 Nitrobenzene
 Concen: 40.967 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF110416.D
 Acq: 2 Nov 2018 17:15

Tgt Ion: 77 Resp: 268688
 Ion Ratio Lower Upper
 77 100
 123 46.2 35.7 53.5
 65 14.2 10.7 16.1





#25

Isophorone

Concen: 45.569 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF110416.D

Acq: 2 Nov 2018 17:15

Instrument :

BNA_F

ClientSampleId :

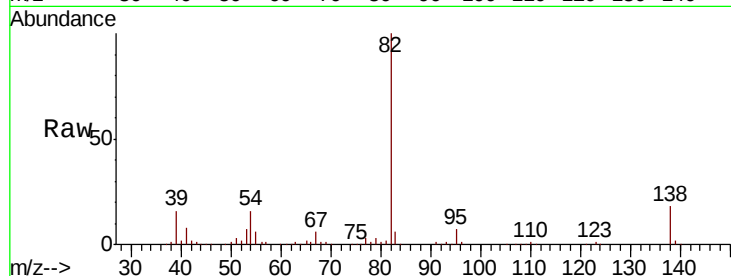
Tot Ion: 82 Resp: 493456

Ion Ratio Lower Upper

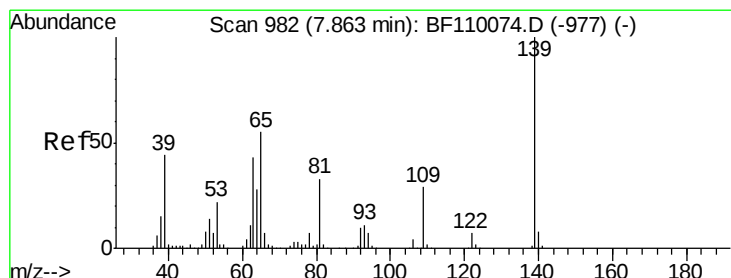
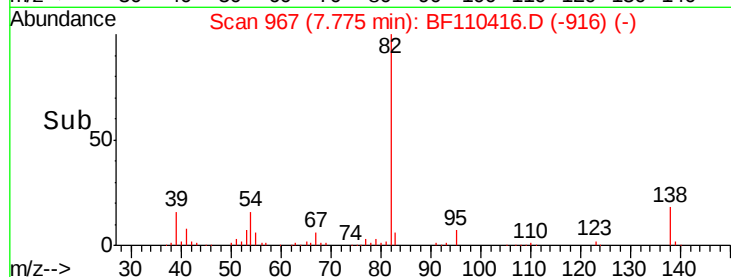
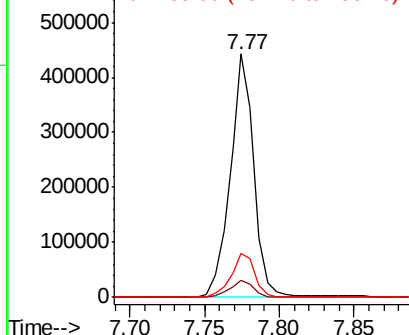
82 100

95 7.2 5.7 8.5

138 18.1 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: 45.375 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF110416.D

Acq: 2 Nov 2018 17:15

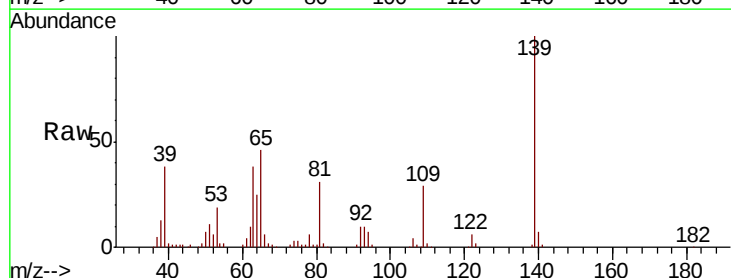
Tgt Ion: 139 Resp: 141615

Ion Ratio Lower Upper

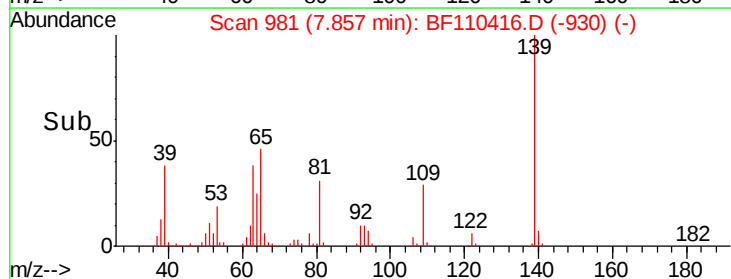
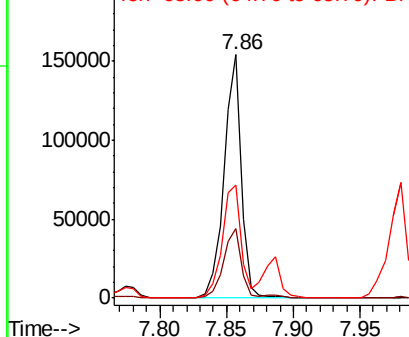
139 100

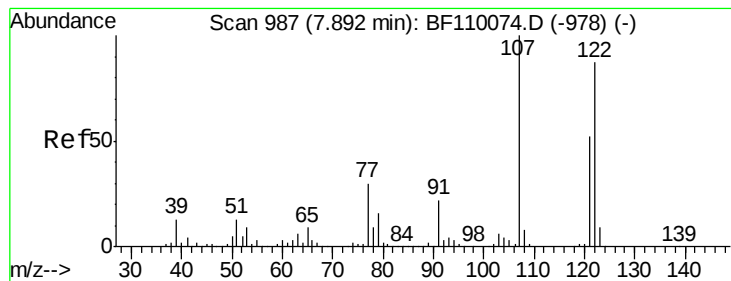
109 28.6 25.0 37.6

65 46.2 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: 47.208 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF110416.D

Acq: 2 Nov 2018 17:15

Instrument :

BNA_F

ClientSampleId :

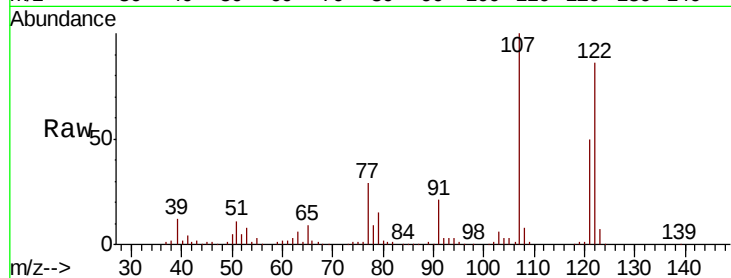
Tot Ion:122 Resp: 244279

Ion Ratio Lower Upper

122 100

107 115.9 92.5 138.7

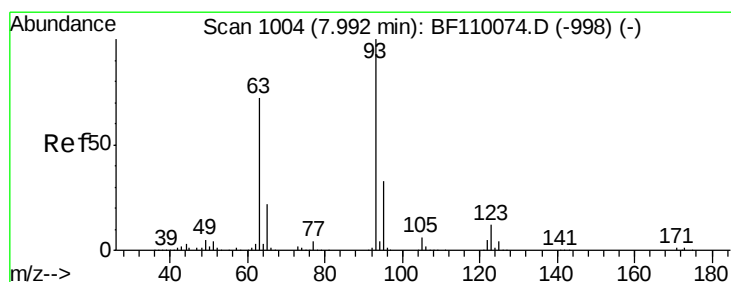
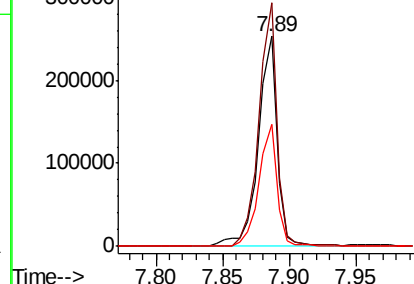
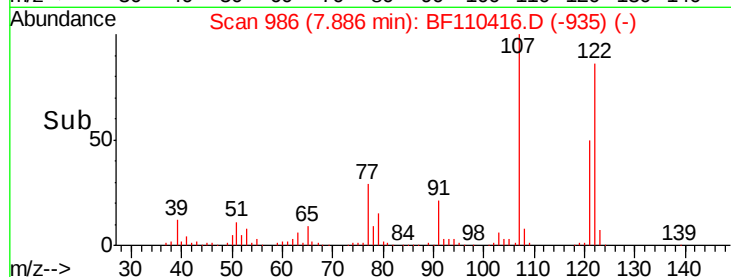
121 58.3 45.8 68.8



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: 41.923 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BF110416.D

Acq: 2 Nov 2018 17:15

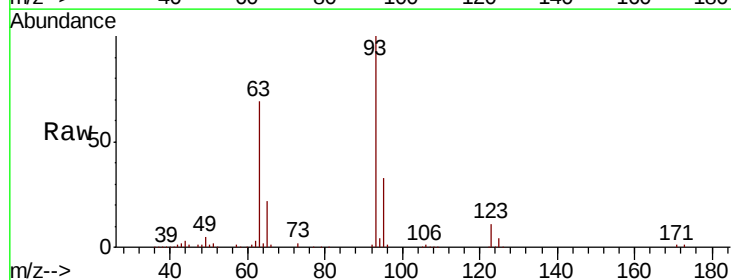
Tgt Ion: 93 Resp: 308397

Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

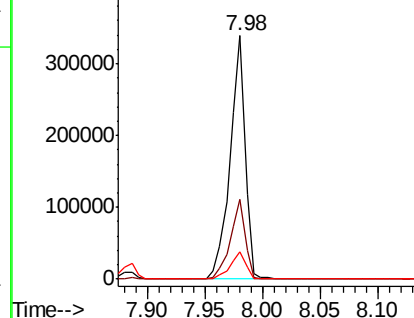
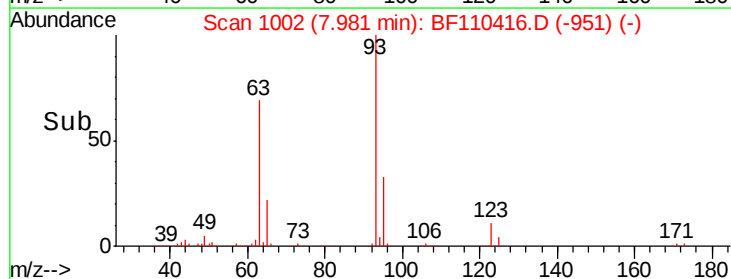
123 11.3 9.0 13.6

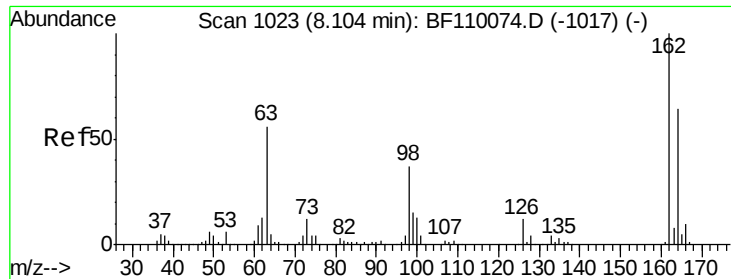


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

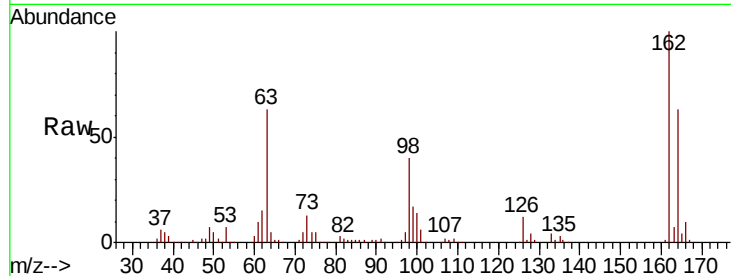




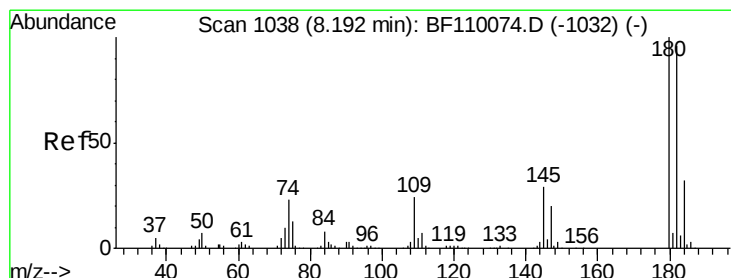
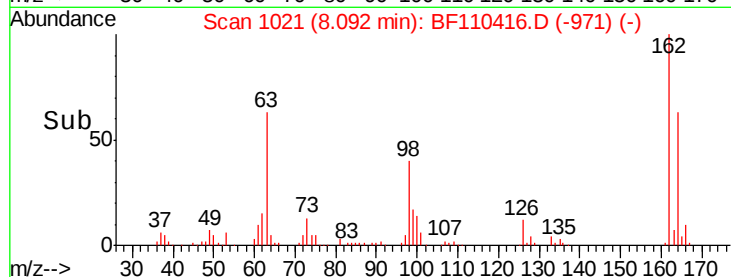
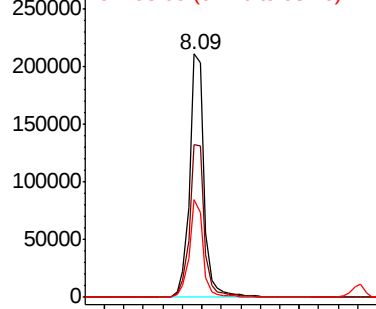
#29
2,4-Dichlorophenol
Concen: 41.958 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF110416.D
Acq: 2 Nov 2018 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 219343
Ion Ratio Lower Upper
162 100
164 62.7 44.6 84.6
98 40.2 17.4 57.4

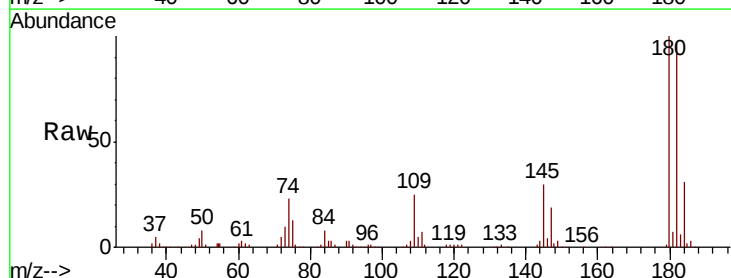


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

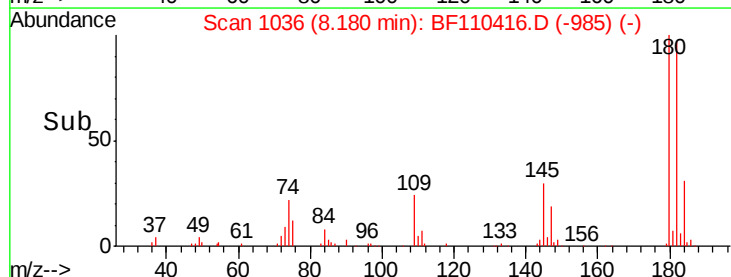
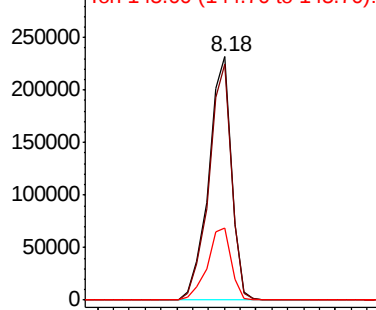


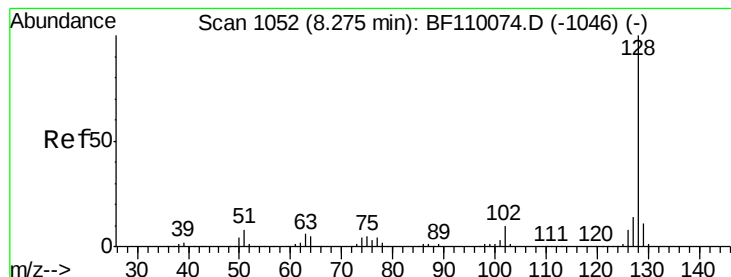
#30
1,2,4-Trichlorobenzene
Concen: 39.514 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF110416.D
Acq: 2 Nov 2018 17:15

Tgt Ion:180 Resp: 231379
Ion Ratio Lower Upper
180 100
182 96.7 80.3 120.5
145 29.8 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: 43.441 ng

RT: 8.26 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BF110416.D

Acq: 2 Nov 2018 17:15

Instrument :

BNA_F

ClientSampleId :

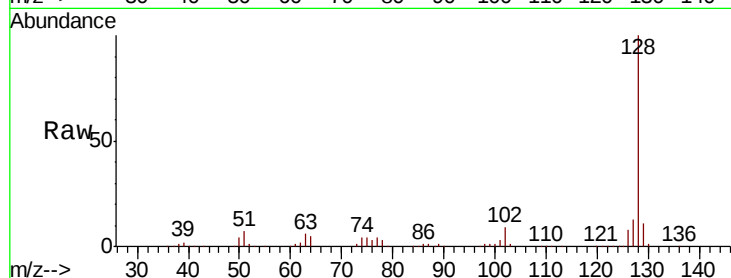
Tot Ion:128 Resp: 754401

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

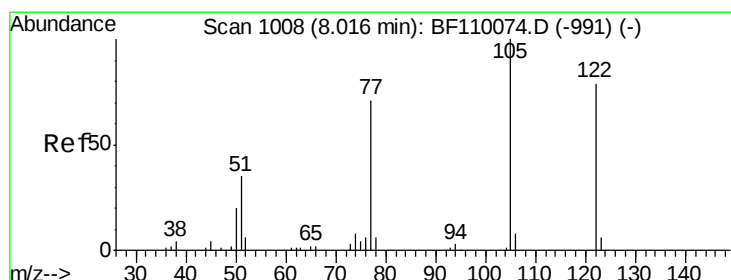
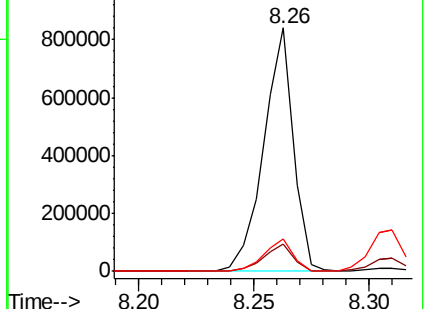
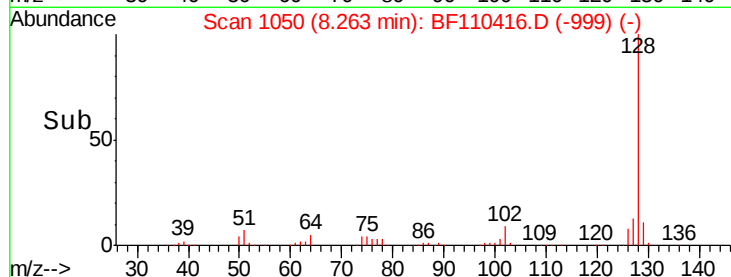
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 61.081 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.12 min

Lab File: BF110416.D

Acq: 2 Nov 2018 17:15

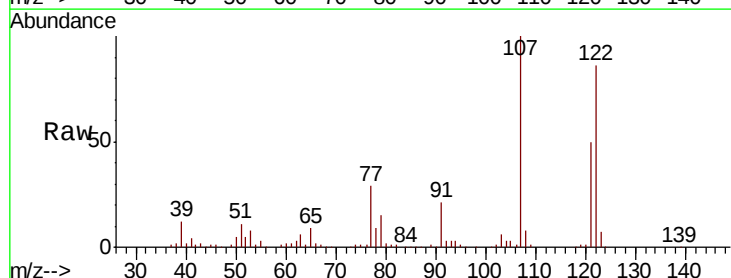
Tgt Ion:122 Resp: 244279

Ion Ratio Lower Upper

122 100

105 3.7 109.0 149.0#

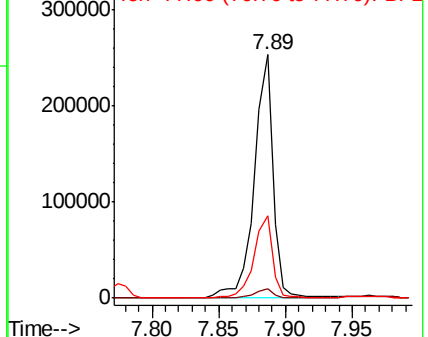
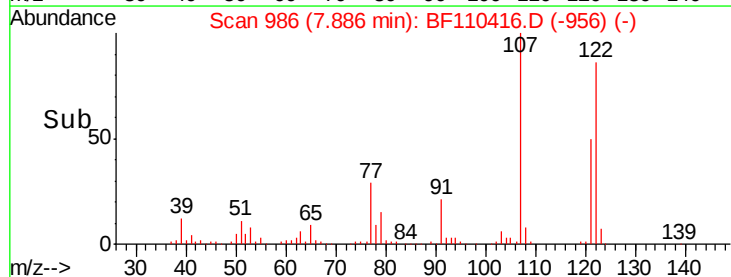
77 33.7 79.0 119.0#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

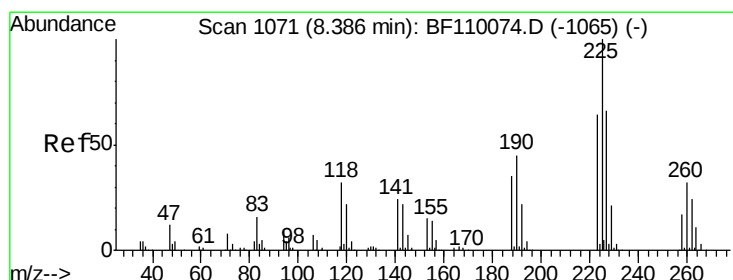
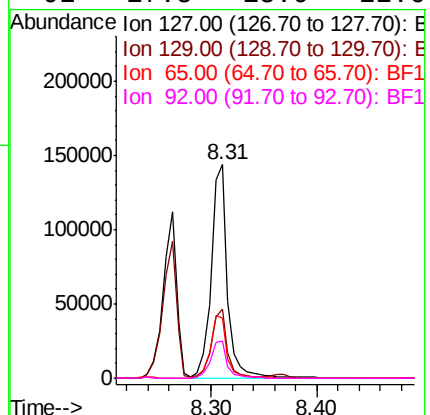
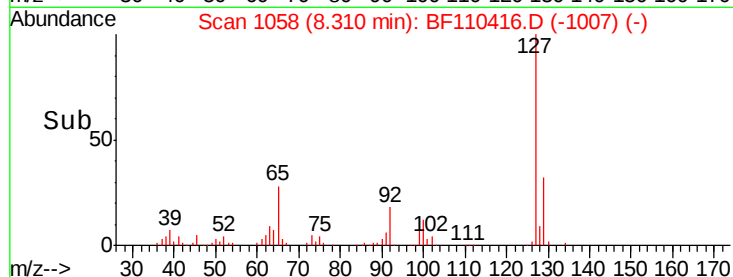
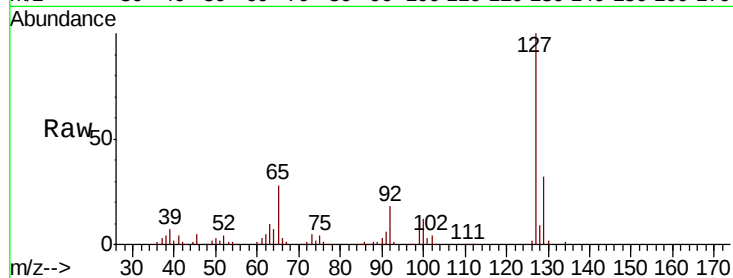




#33
4-Chloroaniline
Concen: 19.968 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF110416.D
Acq: 2 Nov 2018 17:15

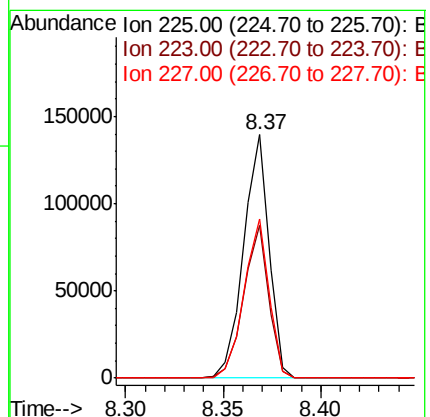
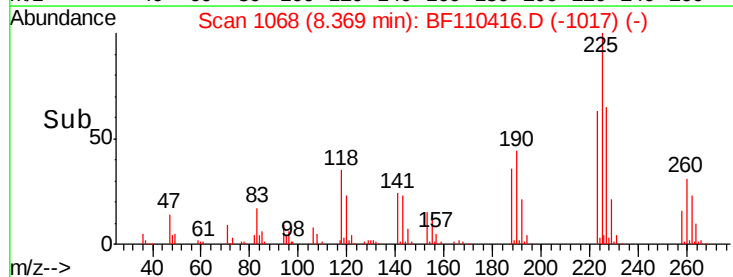
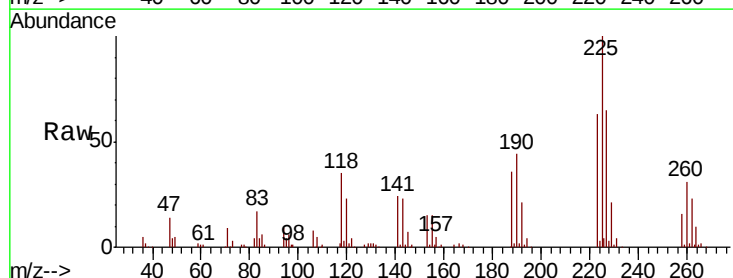
Instrument :
BNA_F
ClientSampled :

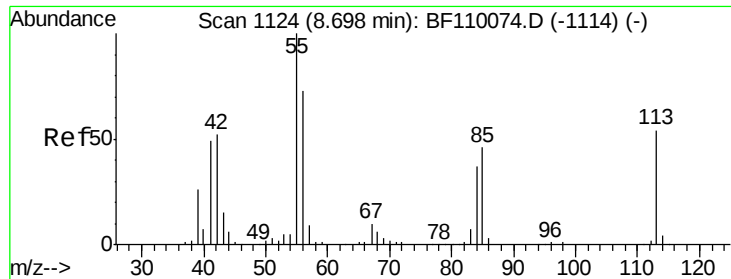
Tot Ion:	127	Resp:	156060
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.0	39.0
65	28.0	25.1	37.7
92	17.5	15.0	22.6



#34
Hexachlorobutadiene
Concen: 38.864 ng
RT: 8.37 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF110416.D
Acq: 2 Nov 2018 17:15

Tgt Ion:	225	Resp:	126359
Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.4	77.2
227	65.3	51.0	76.6

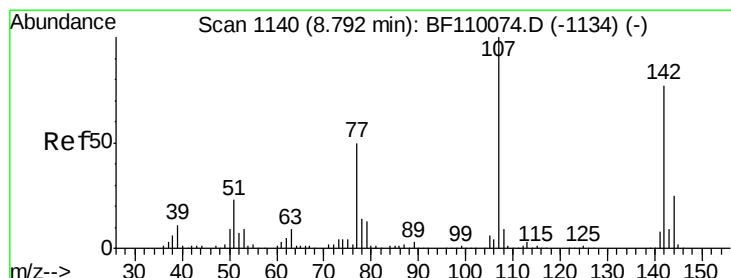
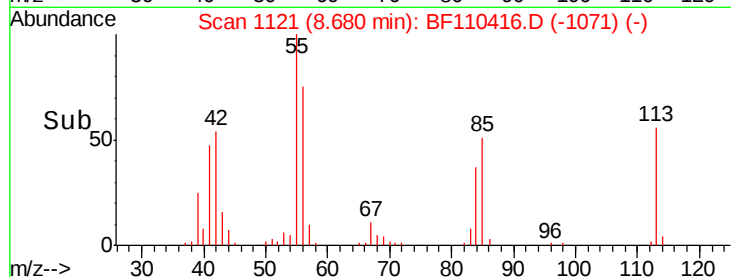
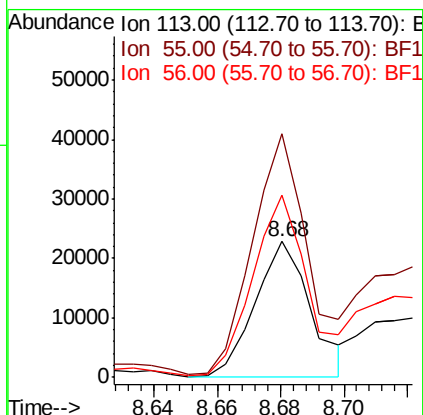
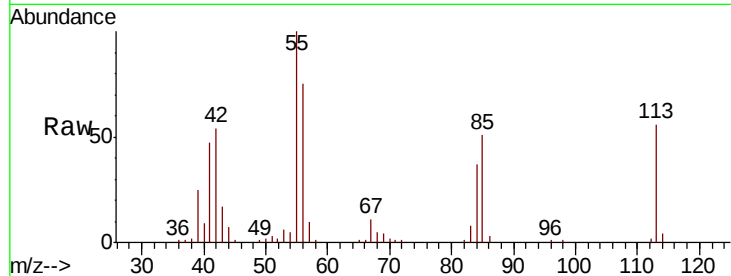




#35
 Caprolactam
 Concen: 15.268 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF110416.D
 Acq: 2 Nov 2018 17:15

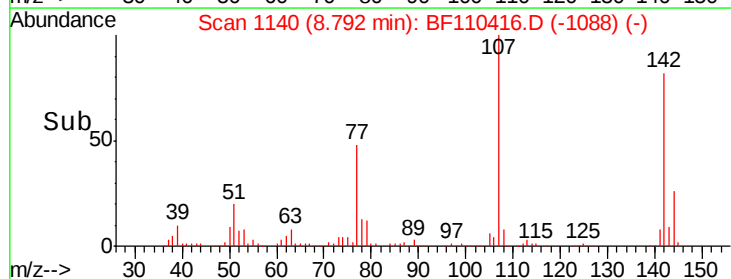
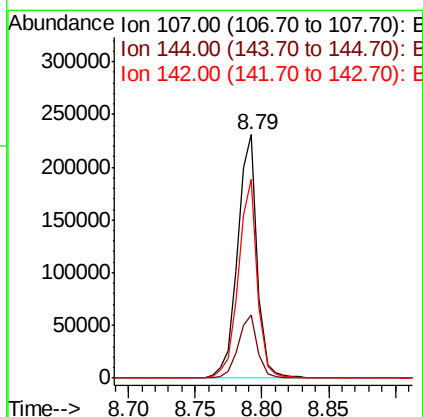
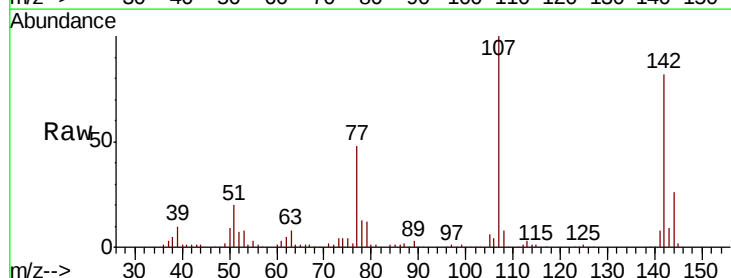
Instrument :
 BNA_F
 ClientSampleId :

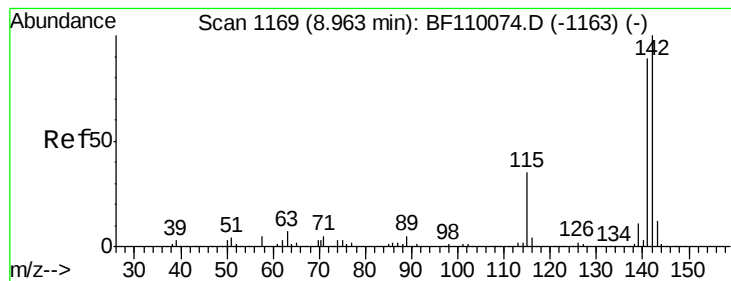
Tot Ion:113 Resp: 27820
 Ion Ratio Lower Upper
 113 100
 55 179.7 142.8 182.8
 56 134.3 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 41.929 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: BF110416.D
 Acq: 2 Nov 2018 17:15

Tgt Ion:107 Resp: 237027
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.0 30.0
 142 81.6 59.7 89.5





#37

2-Methylnaphthalene

Concen: 45.730 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF110416.D

Acq: 2 Nov 2018 17:15

Instrument :

BNA_F

ClientSampleId :

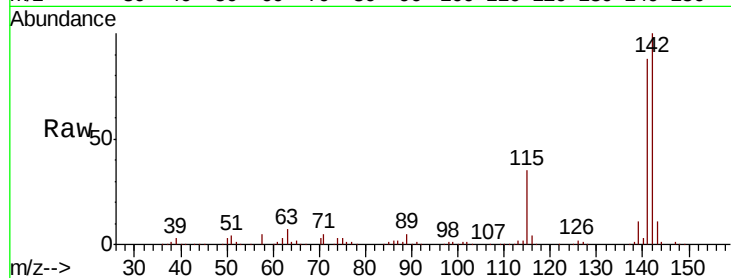
Tot Ion:142 Resp: 525429

Ion Ratio Lower Upper

142 100

141 88.0 71.4 107.2

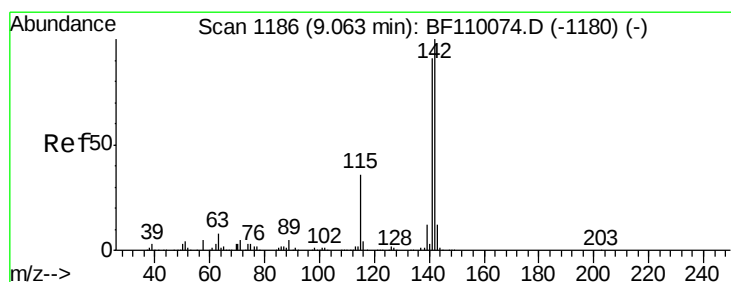
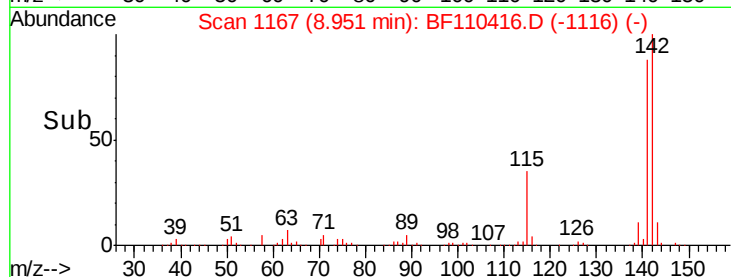
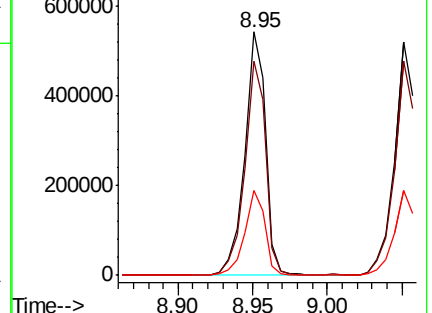
115 35.1 28.7 43.1



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: 44.081 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF110416.D

Acq: 2 Nov 2018 17:15

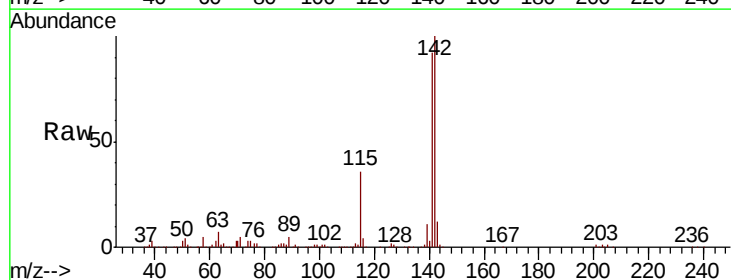
Tgt Ion:142 Resp: 489456

Ion Ratio Lower Upper

142 100

141 91.5 74.2 111.4

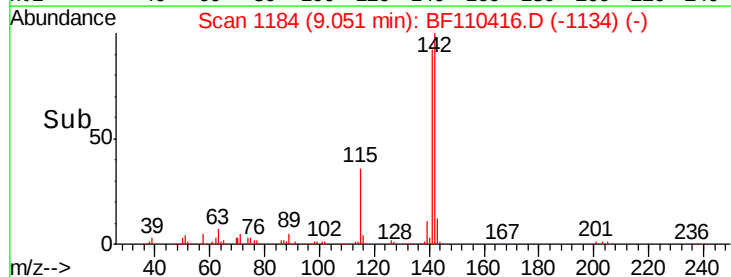
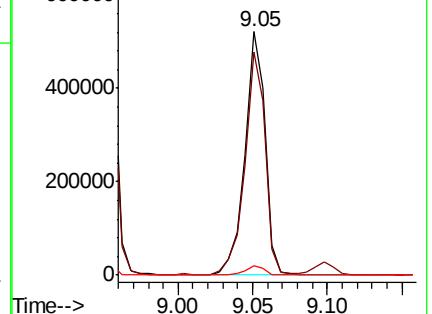
116 3.9 2.6 4.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110416.D

Acq: 2 Nov 2018 17:15

Instrument :

BNA_F

ClientSampleId :

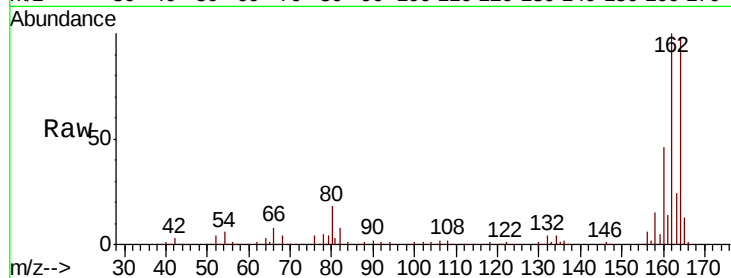
Tot Ion:164 Resp: 176211

Ion Ratio Lower Upper

164 100

162 101.9 83.0 124.6

160 46.5 37.0 55.6

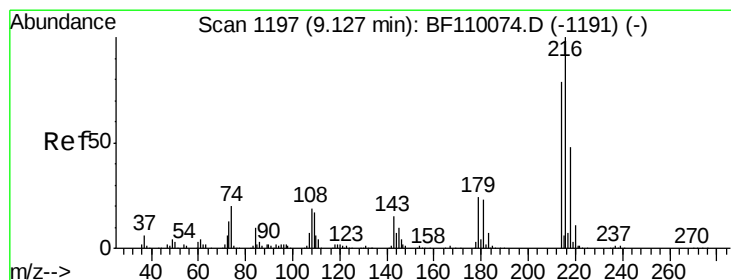
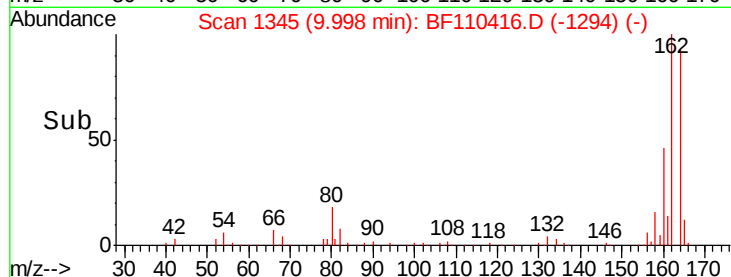
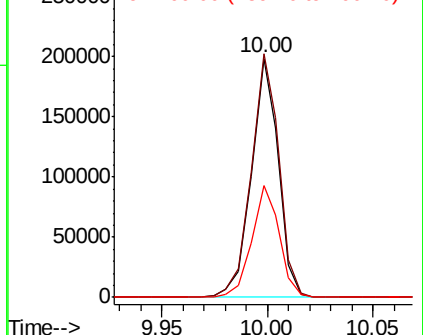


Abundance

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: 39.923 ng

RT: 9.12 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BF110416.D

Acq: 2 Nov 2018 17:15

Tgt Ion:216 Resp: 219194

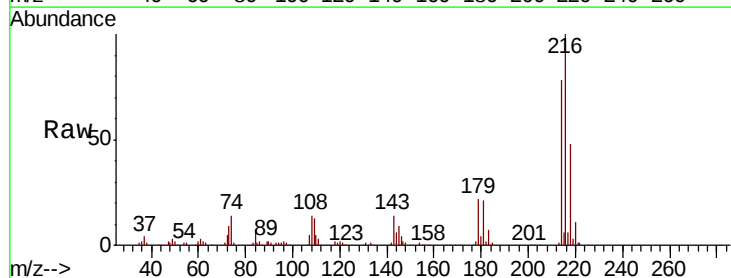
Ion Ratio Lower Upper

216 100

214 80.1 63.8 95.6

179 23.1 16.6 25.0

108 20.7 15.1 22.7



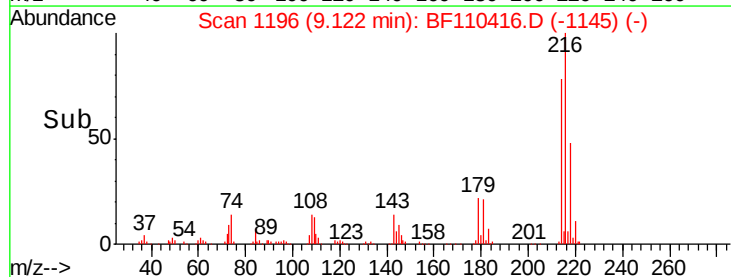
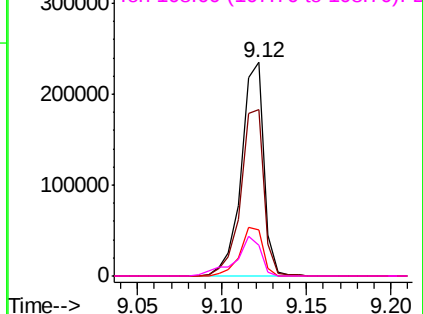
Abundance

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: 66.987 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF110416.D

Acq: 2 Nov 2018 17:15

Instrument :

BNA_F

ClientSampled :

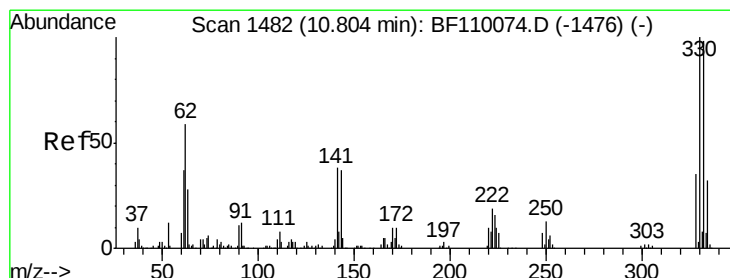
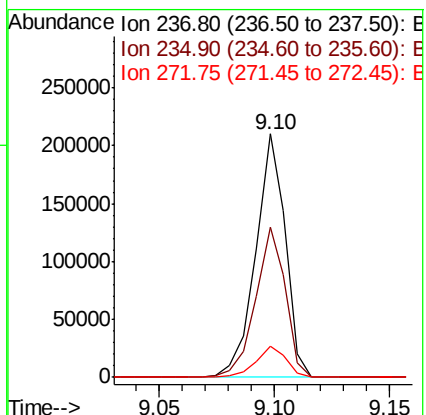
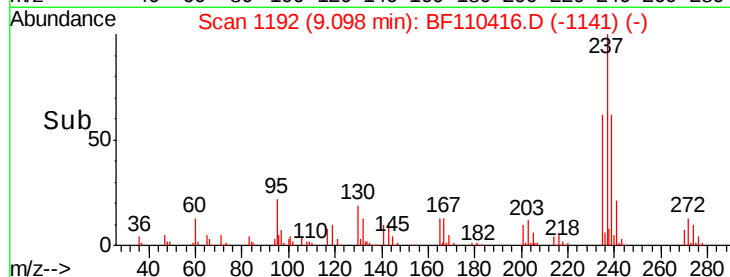
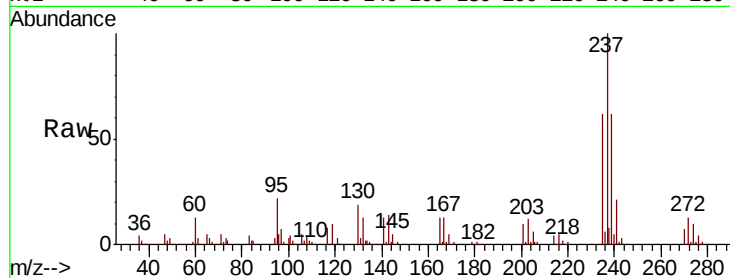
Tot Ion:237 Resp: 188060

Ion Ratio Lower Upper

237 100

235 61.7 43.1 83.1

272 12.8 0.0 32.6



#42

2,4,6-Tribromophenol

Concen: 121.511 ng

RT: 10.80 min Scan# 1481

Delta R.T. 0.01 min

Lab File: BF110416.D

Acq: 2 Nov 2018 17:15

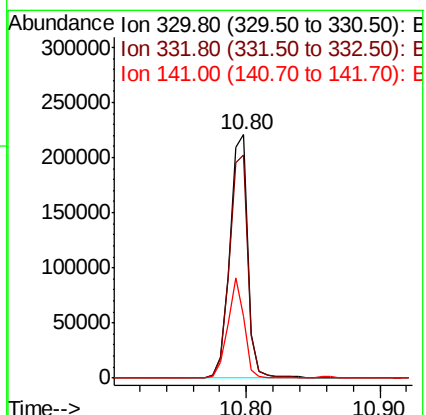
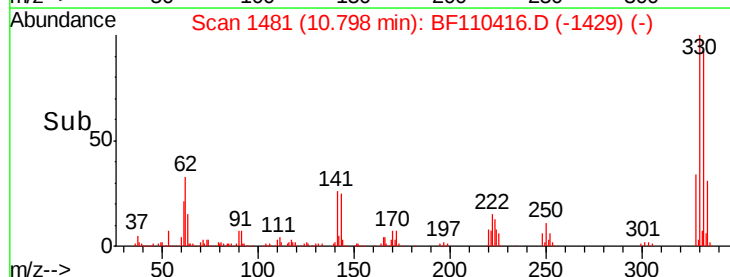
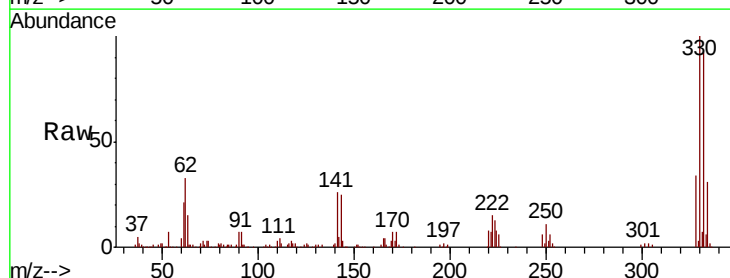
Tgt Ion:330 Resp: 212095

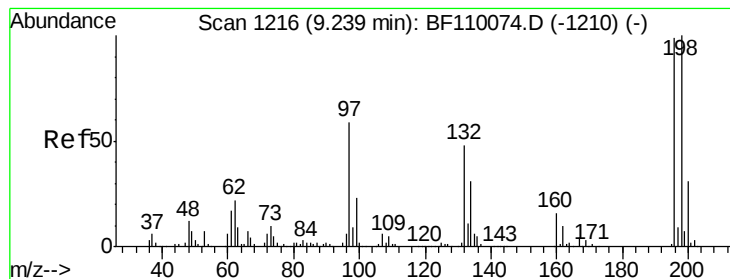
Ion Ratio Lower Upper

330 100

332 94.2 77.1 115.7

141 37.4 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 41.038 ng

RT: 9.23 min Scan# 1215

Delta R.T. 0.00 min

Lab File: BF110416.D

Acq: 2 Nov 2018 17:15

Instrument :

BNA_F

ClientSampleId :

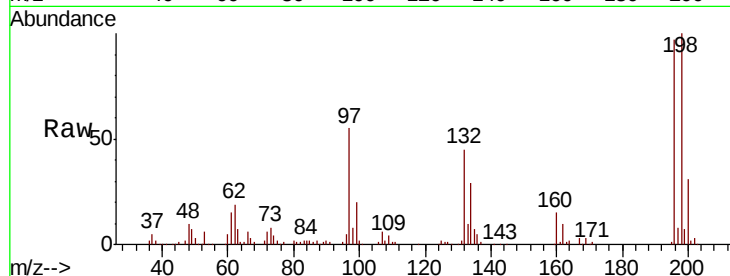
Tot Ion:196 Resp: 145325

Ion Ratio Lower Upper

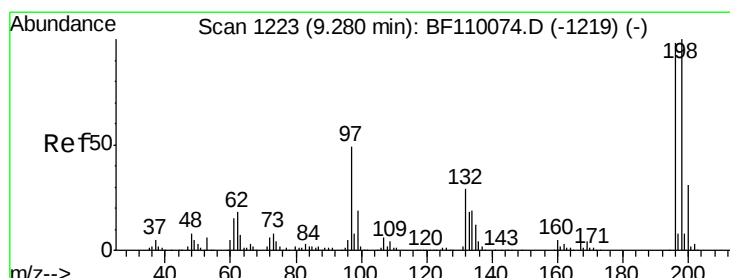
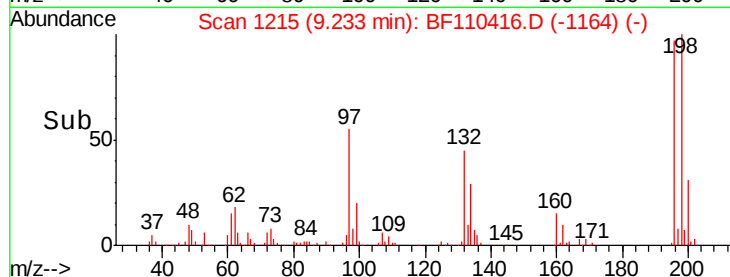
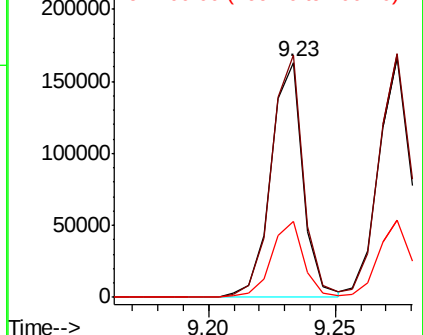
196 100

198 103.3 76.2 114.4

200 32.0 24.4 36.6



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



#44

2,4,5-Trichlorophenol

Concen: 41.524 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF110416.D

Acq: 2 Nov 2018 17:15

Tgt Ion:196 Resp: 155432

Ion Ratio Lower Upper

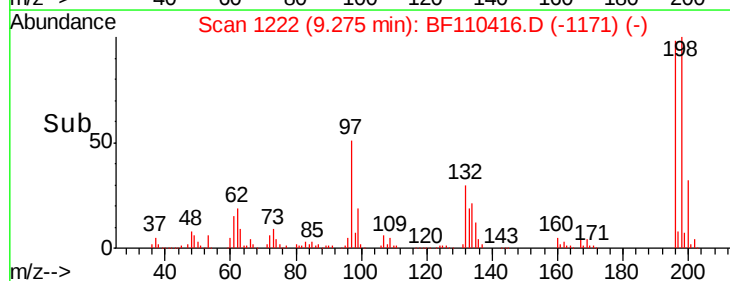
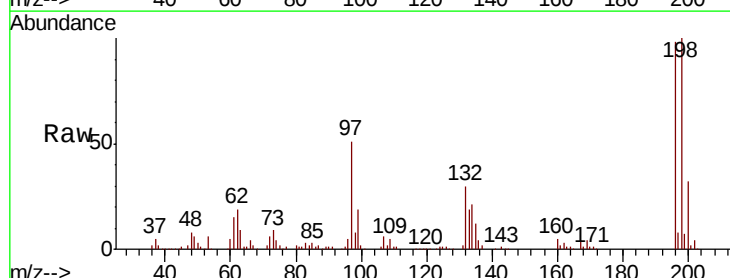
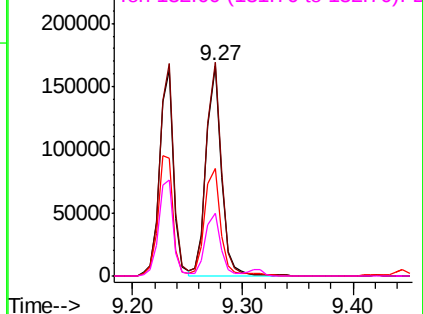
196 100

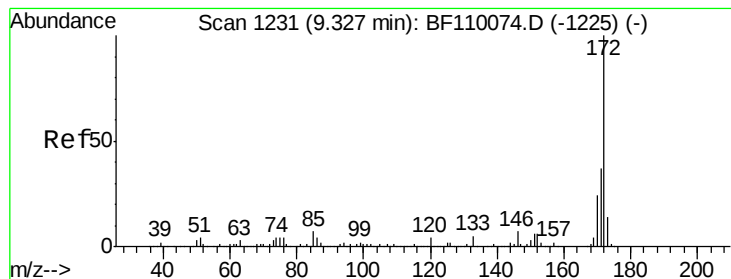
198 101.7 75.8 113.6

97 51.4 42.4 63.6

132 30.0 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: 85.090 ng

RT: 9.32 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF110416.D

Acq: 2 Nov 2018 17:15

Instrument :

BNA_F

ClientSampleId :

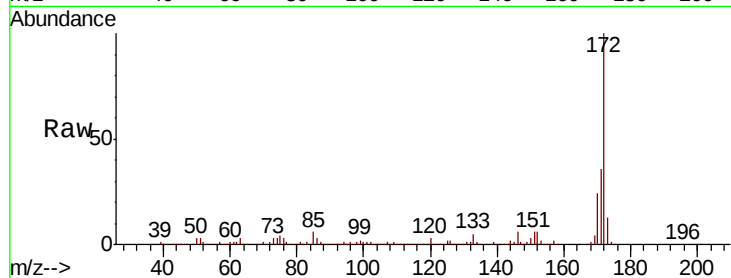
Tot Ion:172 Resp: 954856

Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

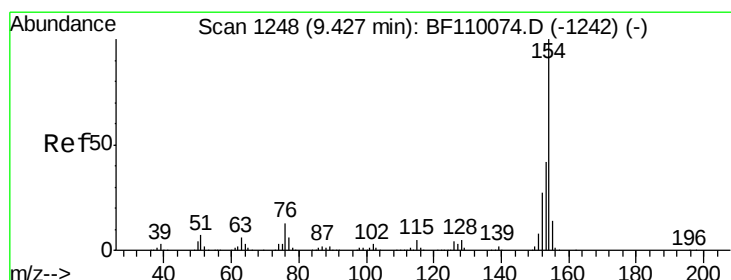
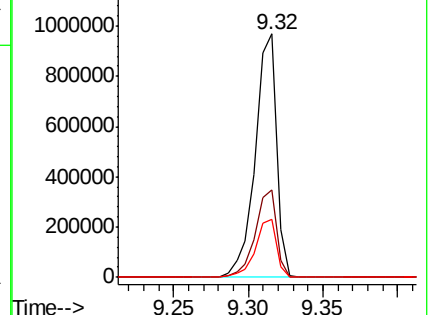
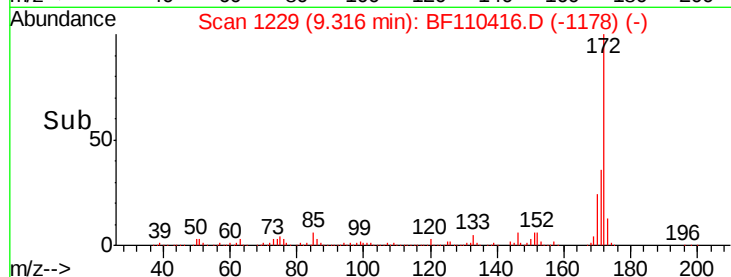
170 23.6 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 39.515 ng

RT: 9.42 min Scan# 1246

Delta R.T. 0.00 min

Lab File: BF110416.D

Acq: 2 Nov 2018 17:15

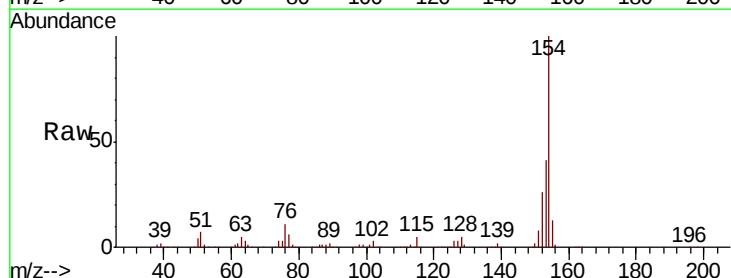
Tgt Ion:154 Resp: 629661

Ion Ratio Lower Upper

154 100

153 40.7 20.4 60.4

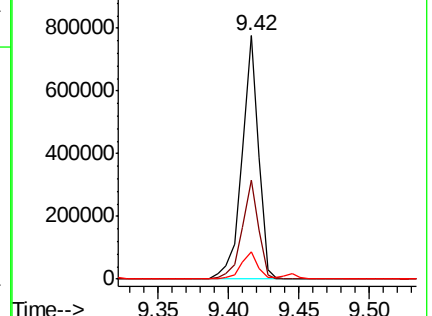
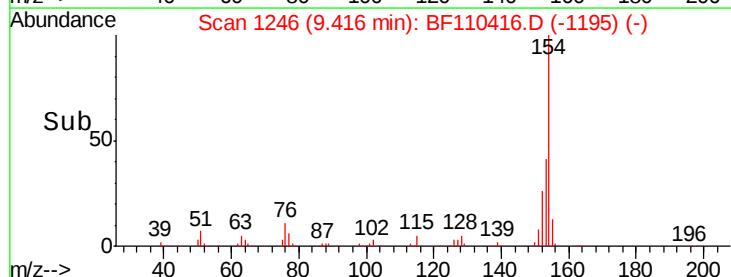
76 11.3 0.0 31.9

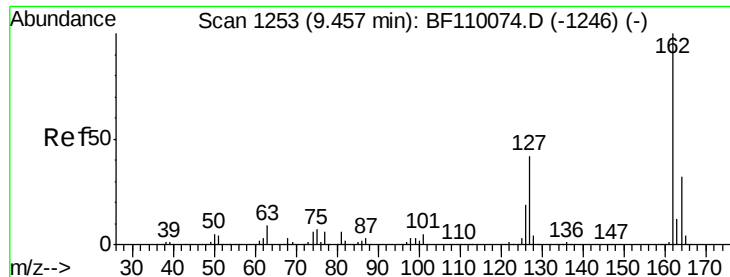


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

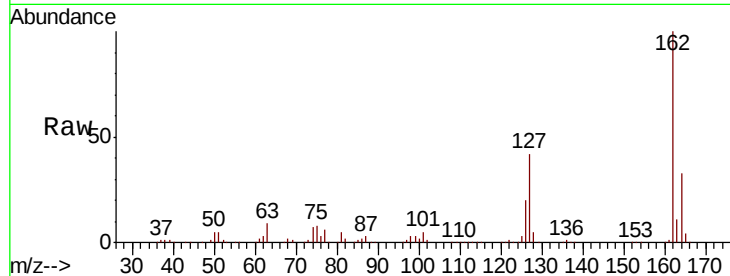




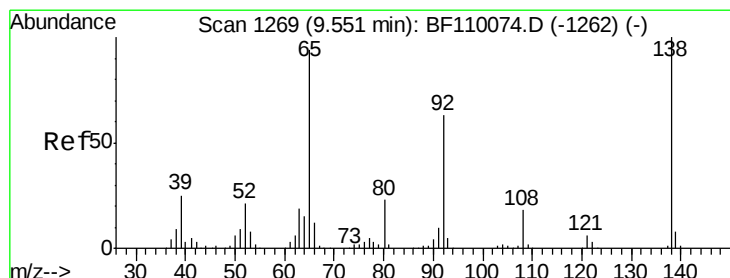
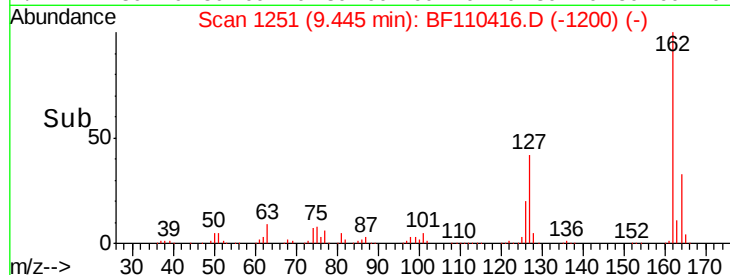
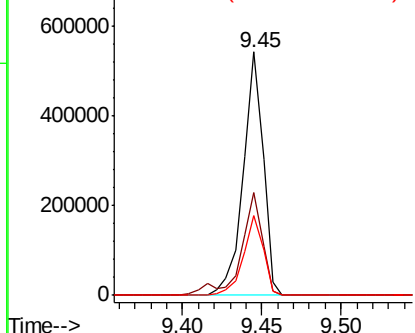
#47
2-Chloronaphthalene
Concen: 40.557 ng
RT: 9.45 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BF110416.D
Acq: 2 Nov 2018 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 474056
Ion Ratio Lower Upper
162 100
127 42.1 32.6 48.8
164 32.8 25.9 38.9

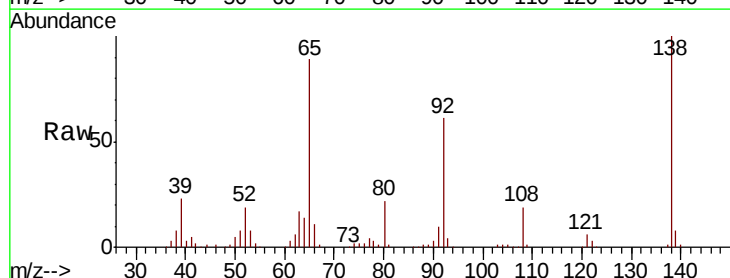


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

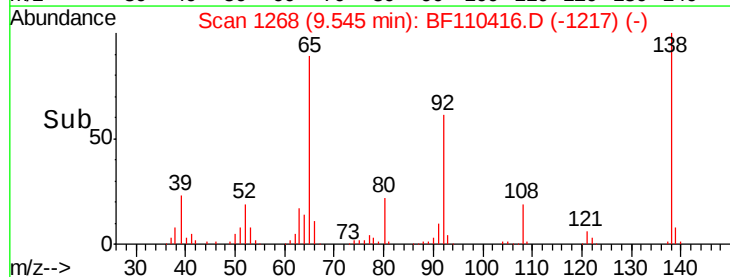
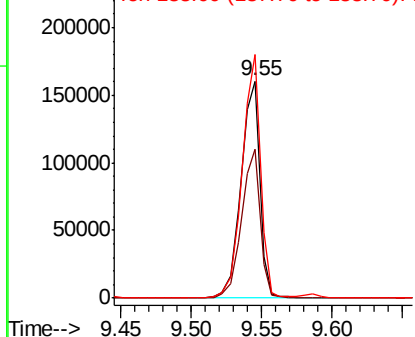


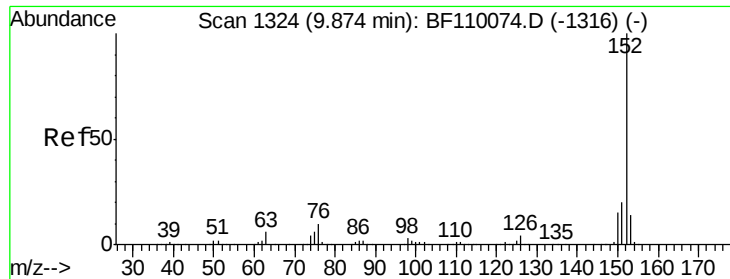
#48
2-Nitroaniline
Concen: 42.298 ng
RT: 9.55 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF110416.D
Acq: 2 Nov 2018 17:15

Tgt Ion: 65 Resp: 149821
Ion Ratio Lower Upper
65 100
92 68.9 54.6 81.8
138 112.2 80.3 120.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.737 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF110416.D

Acq: 2 Nov 2018 17:15

Instrument :

BNA_F

ClientSampled :

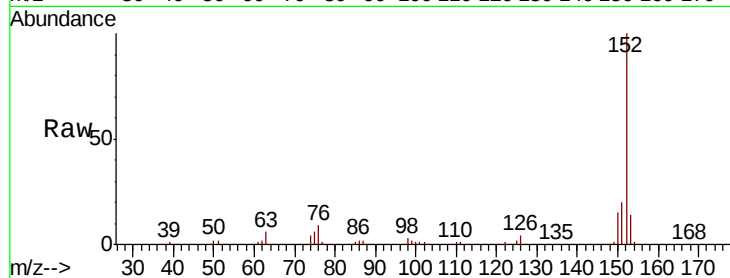
Tot Ion:152 Resp: 738380

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

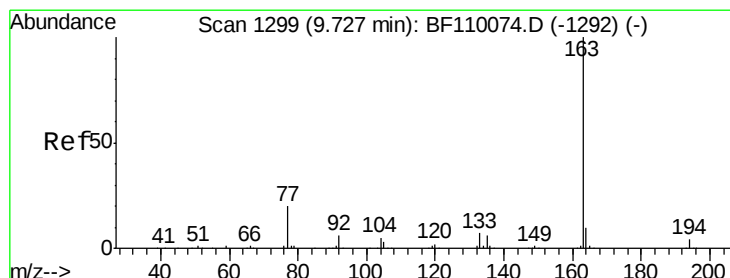
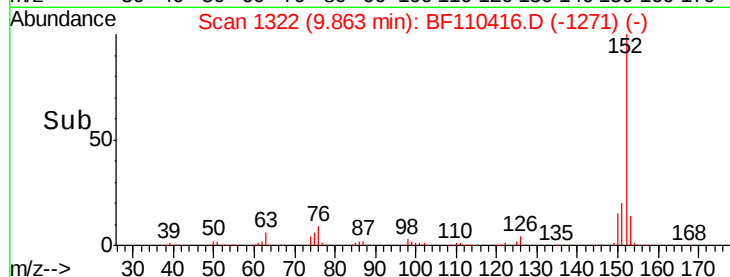
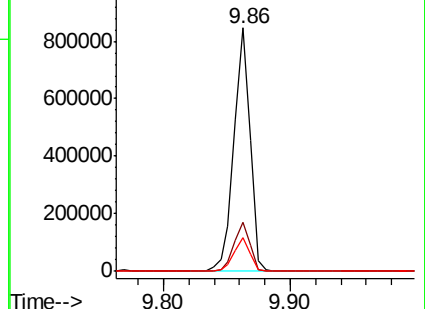
153 13.7 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 53.018 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF110416.D

Acq: 2 Nov 2018 17:15

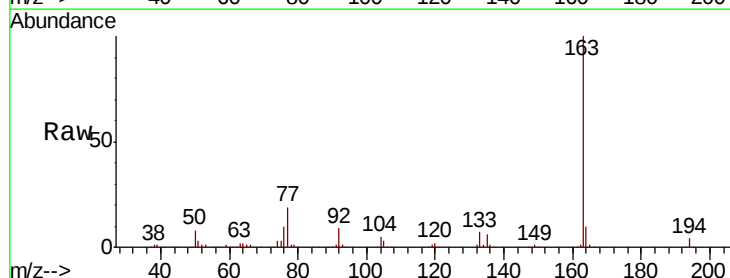
Tgt Ion:163 Resp: 689629

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

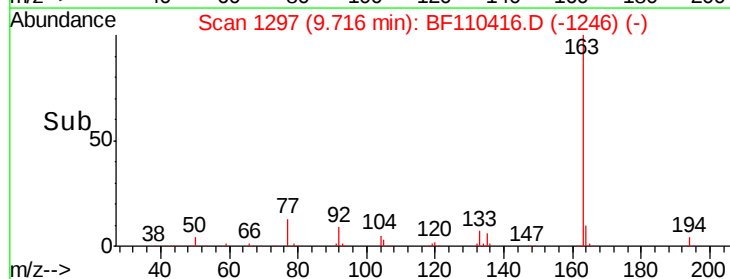
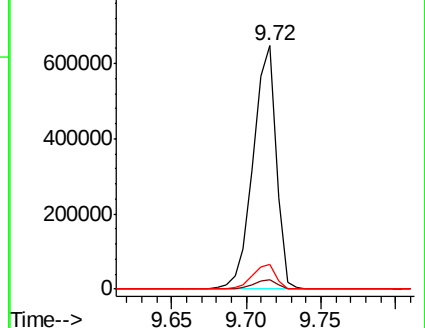
164 10.0 8.1 12.1

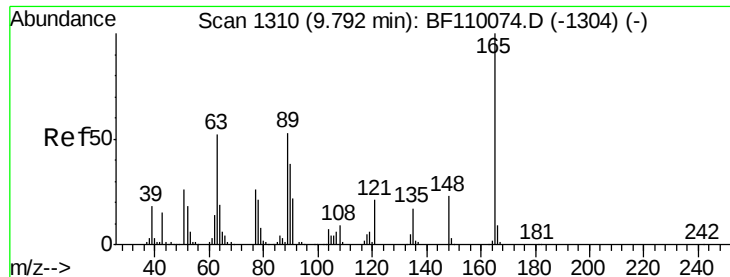


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.137 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF110416.D

Acq: 2 Nov 2018 17:15

Instrument :

BNA_F

ClientSampleId :

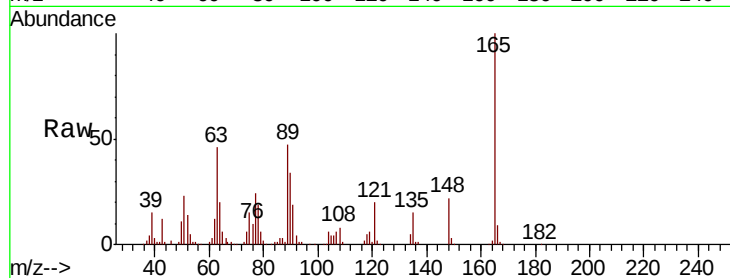
Tot Ion:165 Resp: 120863

Ion Ratio Lower Upper

165 100

63 46.0 48.9 73.3#

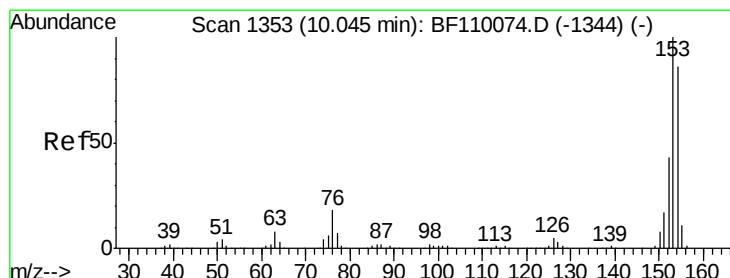
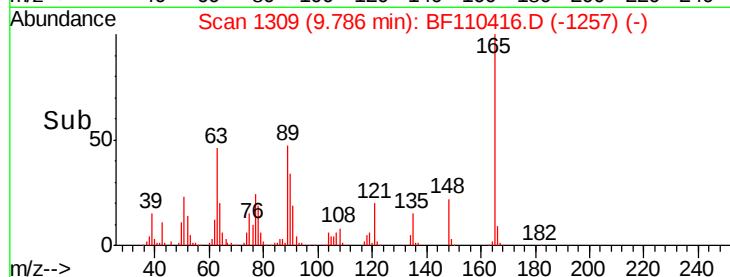
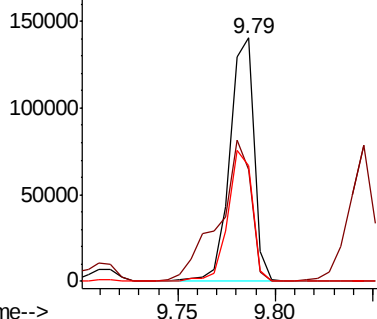
89 47.3 46.6 69.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.694 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BF110416.D

Acq: 2 Nov 2018 17:15

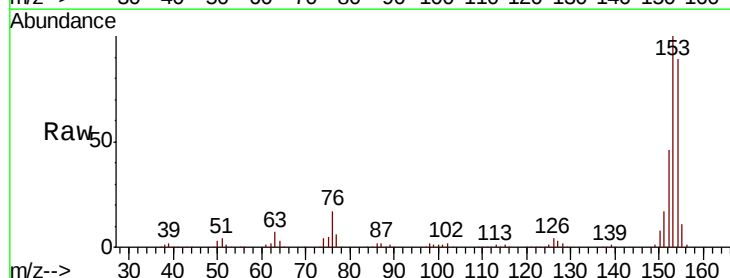
Tgt Ion:154 Resp: 443320

Ion Ratio Lower Upper

154 100

153 112.7 90.1 135.1

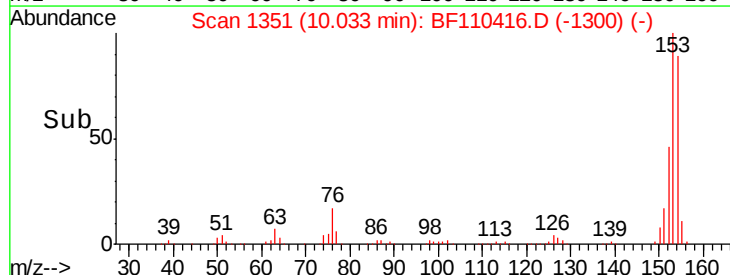
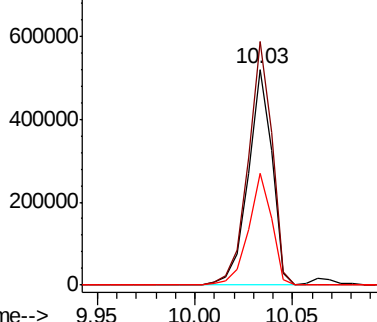
152 51.5 43.4 65.2

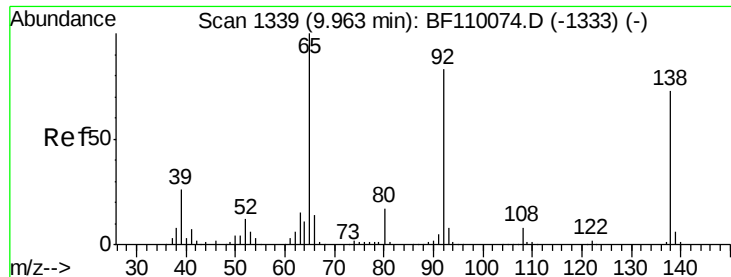


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

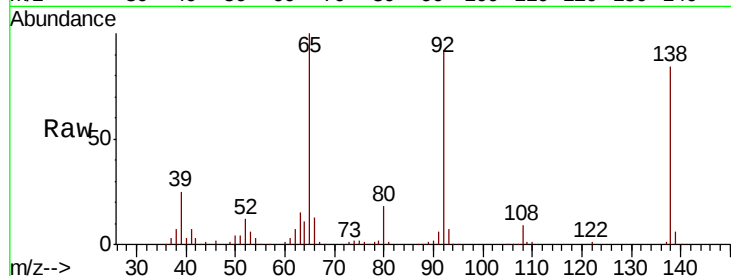




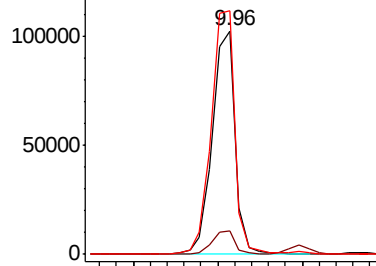
#53
3-Nitroaniline
Concen: 29.146 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF110416.D
Acq: 2 Nov 2018 17:15

Instrument :
BNA_F
ClientSampled :

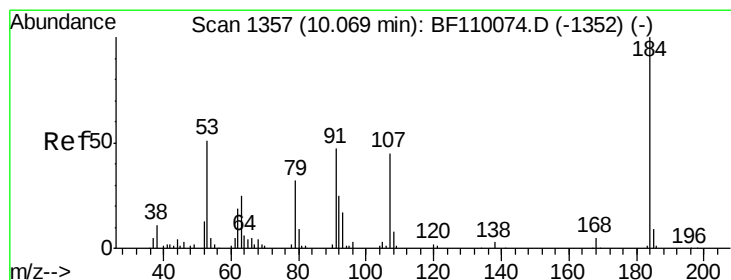
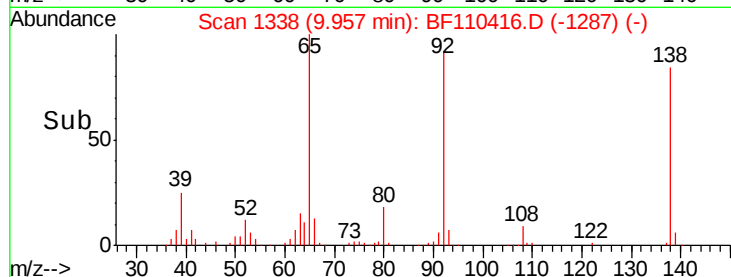
Tot Ion:138 Resp: 97112
Ion Ratio Lower Upper
138 100
108 10.4 8.7 13.1
92 108.8 97.0 145.4



Abundance Ion 138.00 (137.70 to 138.70): E
150000 Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

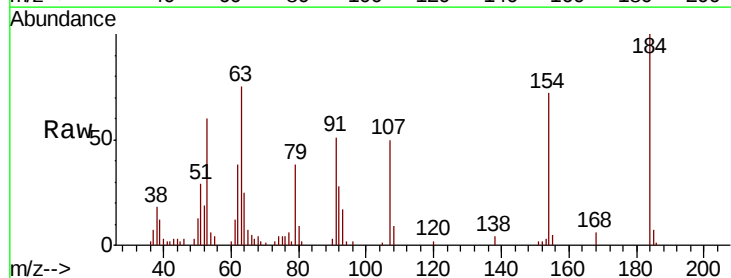


Time-->

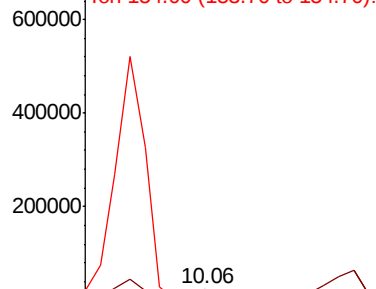


#54
2,4-Dinitrophenol
Concen: 24.523 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF110416.D
Acq: 2 Nov 2018 17:15

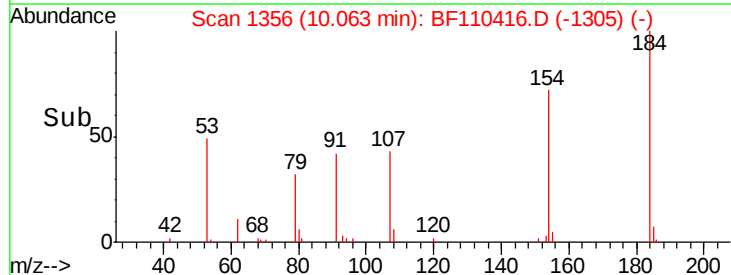
Tgt Ion:184 Resp: 23003
Ion Ratio Lower Upper
184 100
63 75.0 55.8 83.6
154 71.6 63.2 94.8



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



Time-->

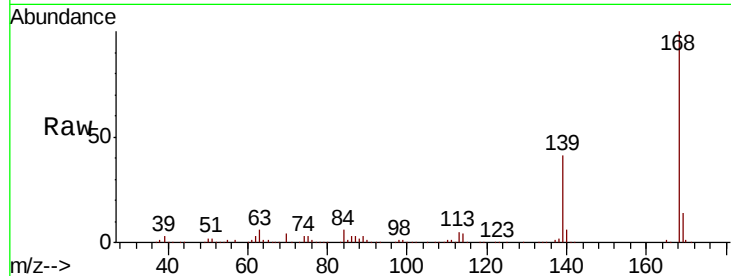




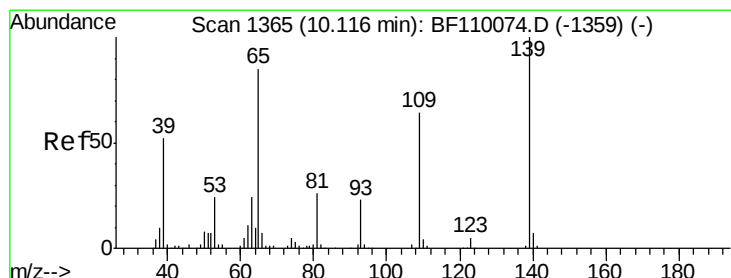
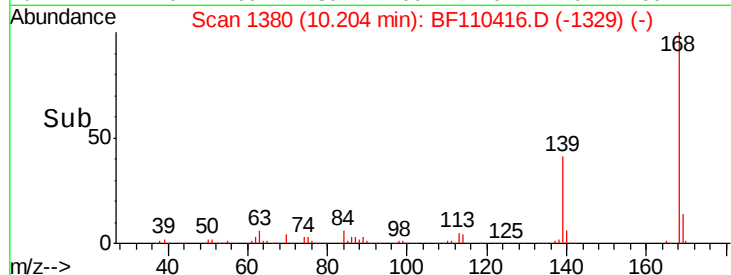
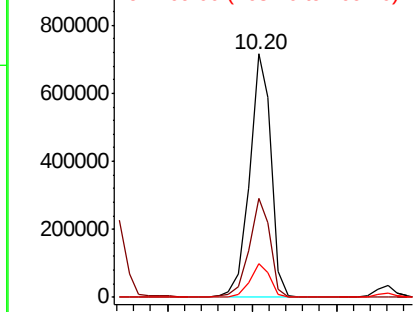
#55
Dibenzenofuran
Concen: 40.655 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF110416.D
Acq: 2 Nov 2018 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 635723
Ion Ratio Lower Upper
168 100
139 40.7 33.0 49.6
169 13.9 11.3 16.9

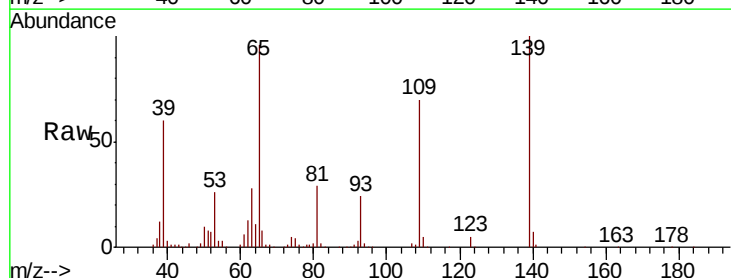


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

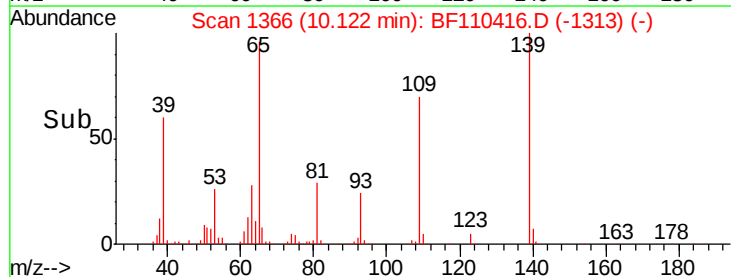
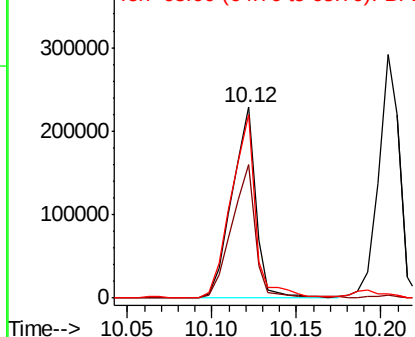


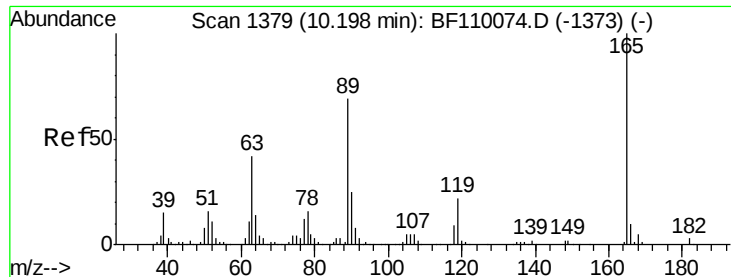
#56
4-Nitrophenol
Concen: 91.393 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF110416.D
Acq: 2 Nov 2018 17:15

Tgt Ion:139 Resp: 225378
Ion Ratio Lower Upper
139 100
109 69.7 55.8 95.8
65 96.1 77.9 117.9



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

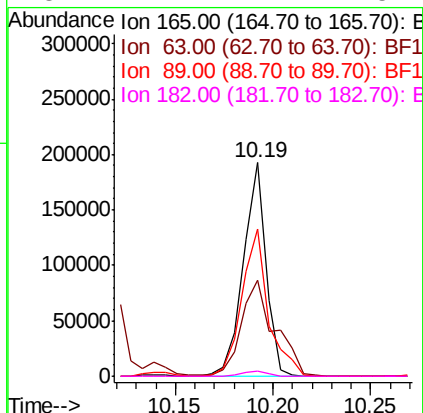
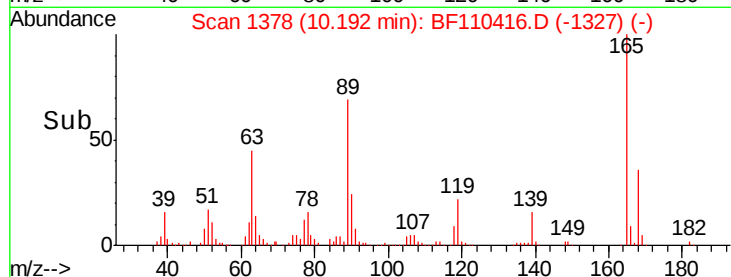
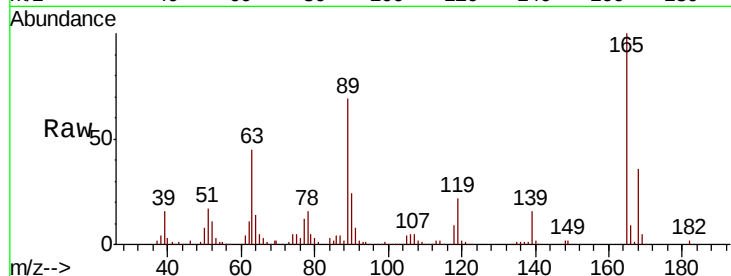




#57
2,4-Dinitrotoluene
Concen: 43.785 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF110416.D
Acq: 2 Nov 2018 17:15

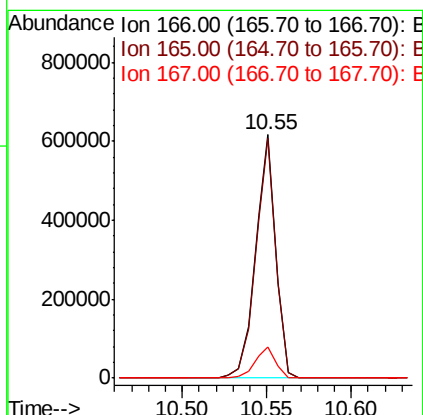
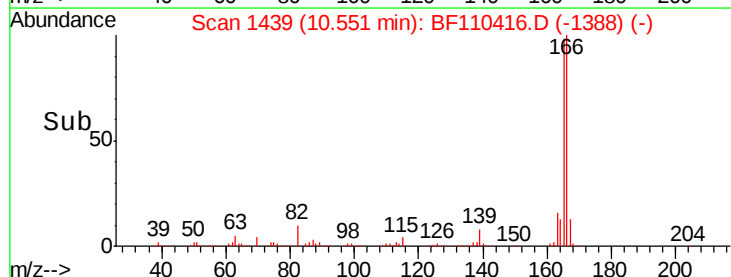
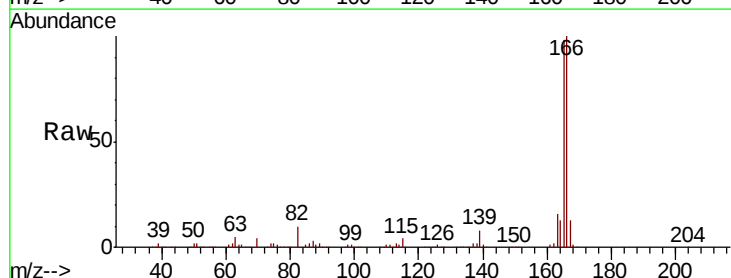
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.2	44.8	67.2
89	68.6	62.2	93.4
182	2.4	2.1	3.1



#58
Fluorene
Concen: 43.932 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF110416.D
Acq: 2 Nov 2018 17:15

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.6	117.8
167	12.9	10.8	16.2

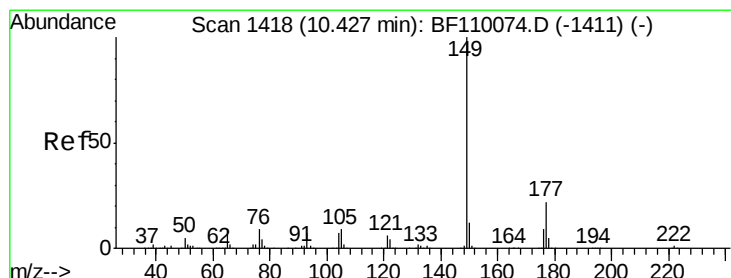
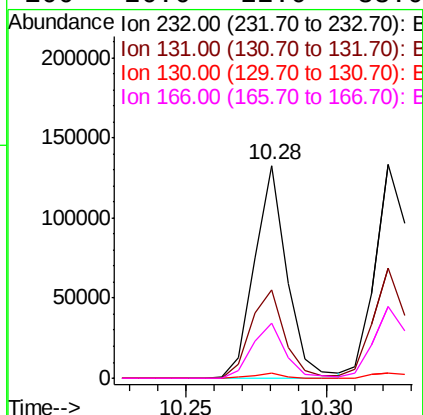
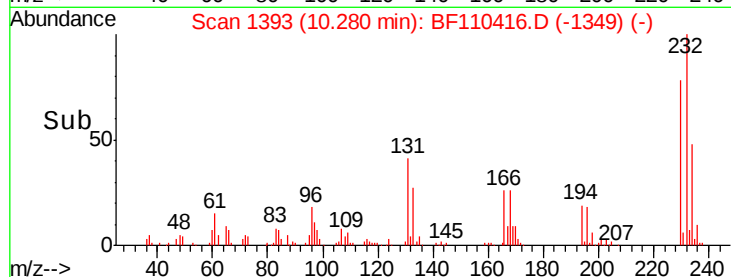
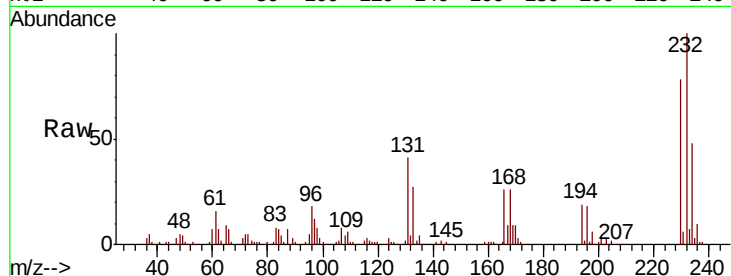




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 34.735 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.04 min
 Lab File: BF110416.D
 Acq: 2 Nov 2018 17:15

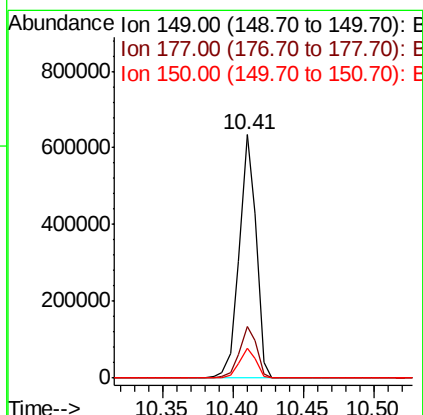
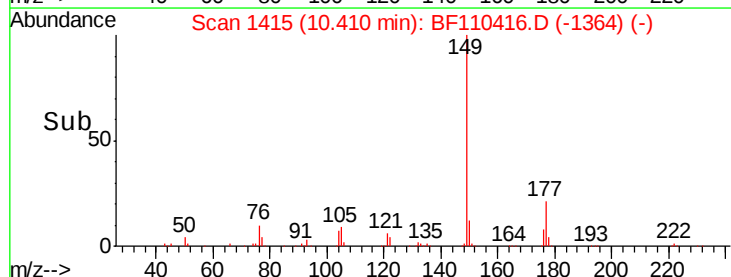
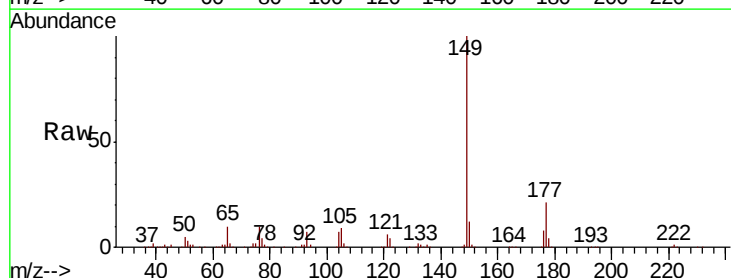
Instrument :
 BNA_F
 ClientSampleId :

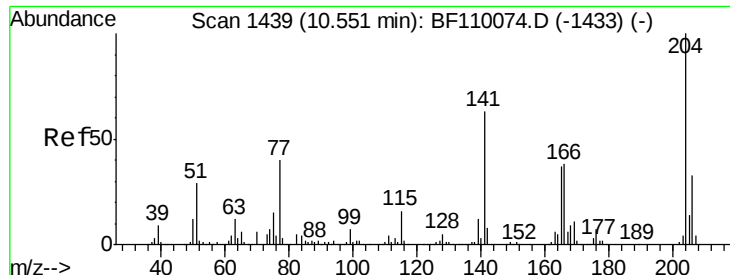
Tot Ion:	232	Resp:	105978
Ion	Ratio	Lower	Upper
232	100		
131	43.7	37.0	55.4
130	2.2	1.8	2.6
166	26.6	22.0	33.0



#60
 Diethylphthalate
 Concen: 41.704 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: BF110416.D
 Acq: 2 Nov 2018 17:15

Tgt Ion:	149	Resp:	529527
Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.4	26.2
150	12.2	9.8	14.8

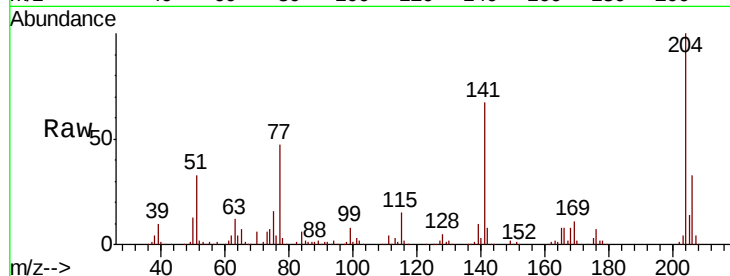




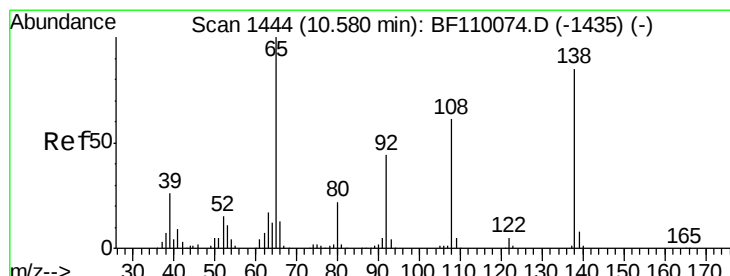
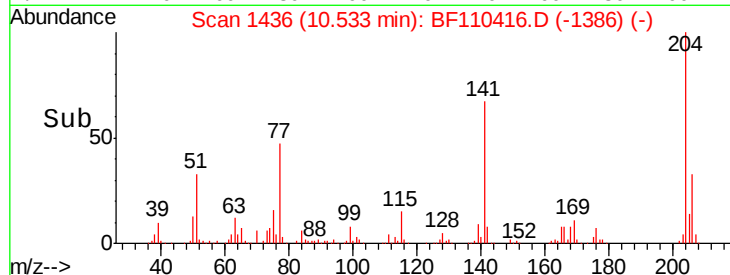
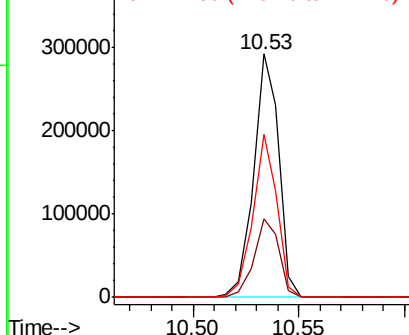
#61
 4-Chlorophenyl-phenylether
 Concen: 39.421 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF110416.D
 Acq: 2 Nov 2018 17:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 242013
 Ion Ratio Lower Upper
 204 100
 206 32.5 26.5 39.7
 141 67.0 51.8 77.8

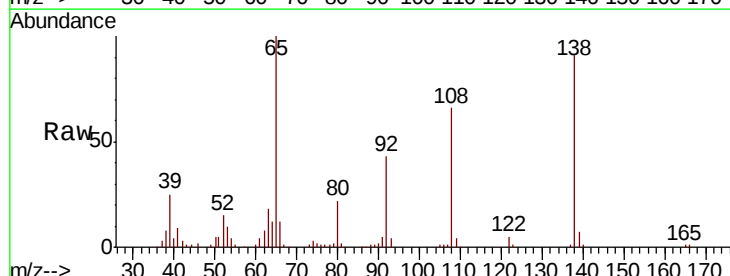


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

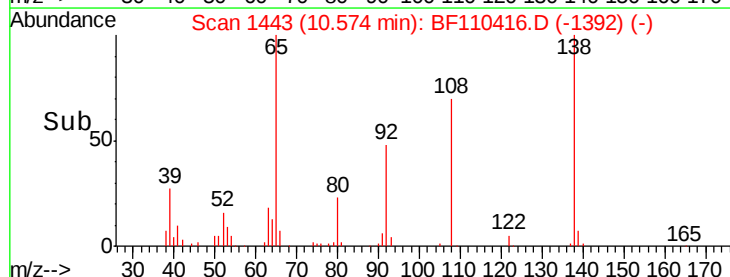
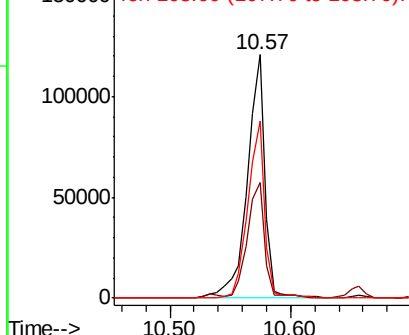


#62
 4-Nitroaniline
 Concen: 37.329 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: BF110416.D
 Acq: 2 Nov 2018 17:15

Tgt Ion:138 Resp: 123707
 Ion Ratio Lower Upper
 138 100
 92 47.6 31.7 71.7
 108 72.8 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

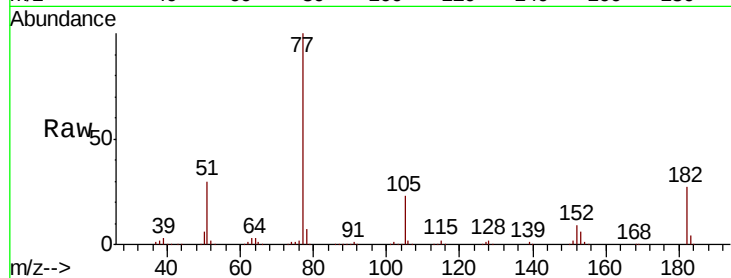




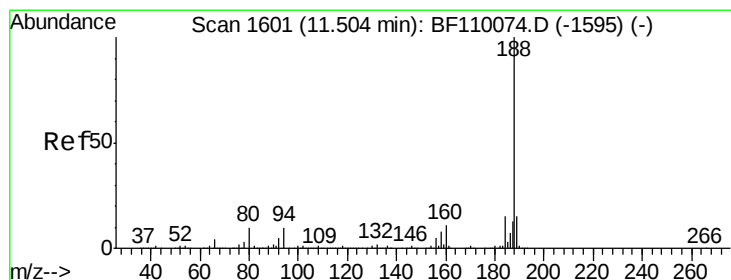
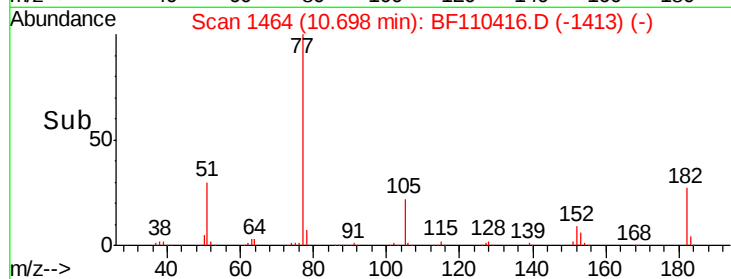
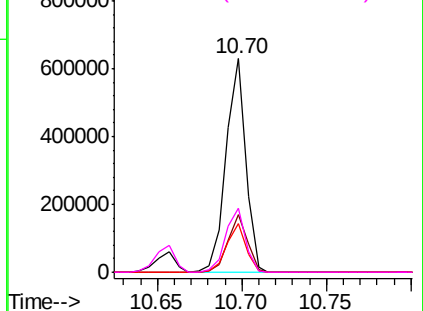
#63
Azobenzene
Concen: 40.542 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF110416.D
Acq: 2 Nov 2018 17:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:	77	Resp:	510975
Ion	Ratio	Lower	Upper
77	100		
182	27.1	4.3	44.3
105	23.0	1.3	41.3
51	30.2	9.0	49.0

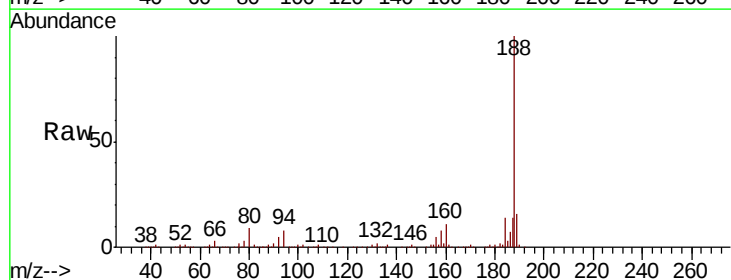


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

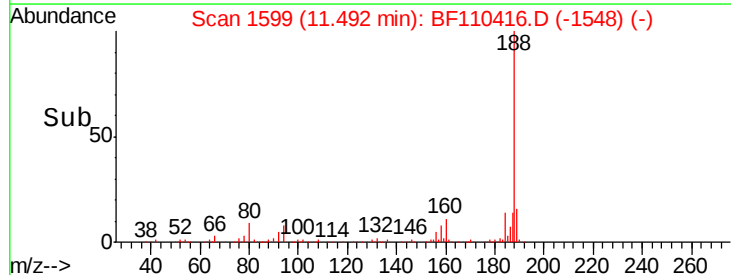
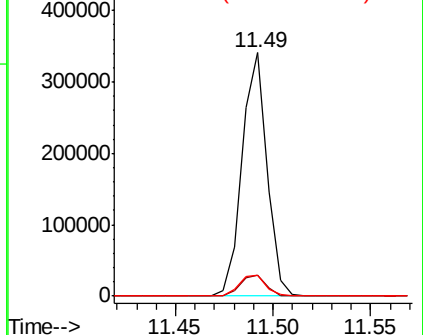


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF110416.D
Acq: 2 Nov 2018 17:15

Tgt Ion:	188	Resp:	302277
Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	8.8	7.9	11.9



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

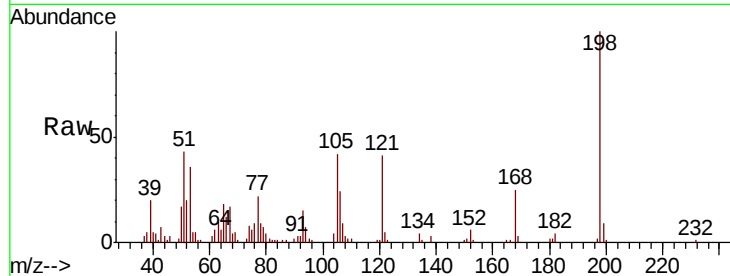




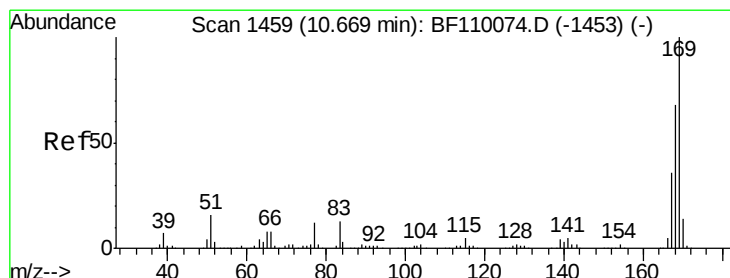
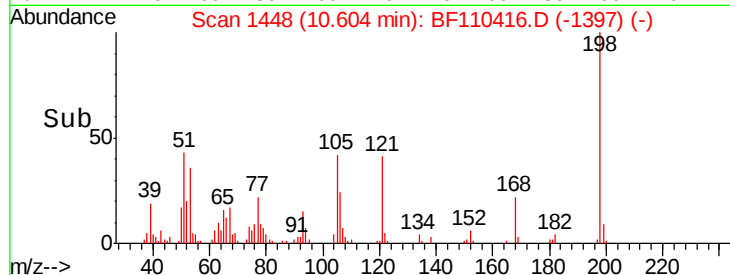
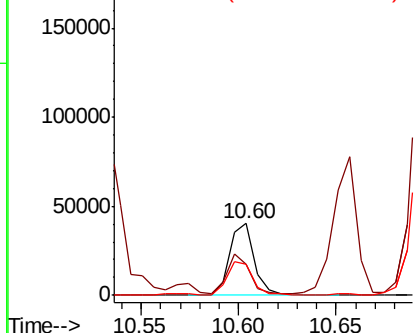
#65
4,6-Dinitro-2-methylphenol
Concen: 25.974 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF110416.D
Acq: 2 Nov 2018 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 35871
Ion Ratio Lower Upper
198 100
51 43.2 22.8 62.8
105 42.5 23.6 63.6

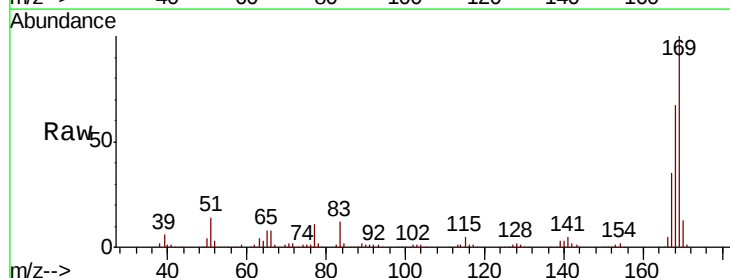


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

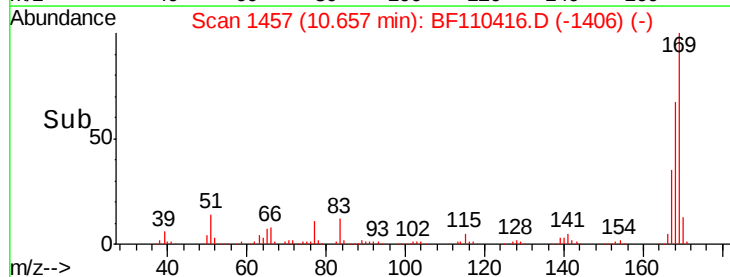
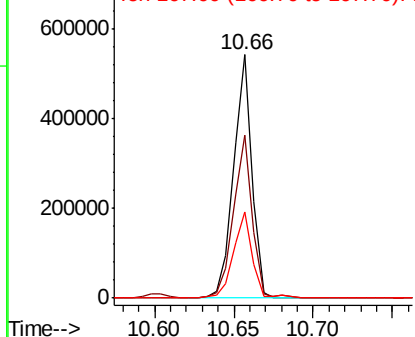


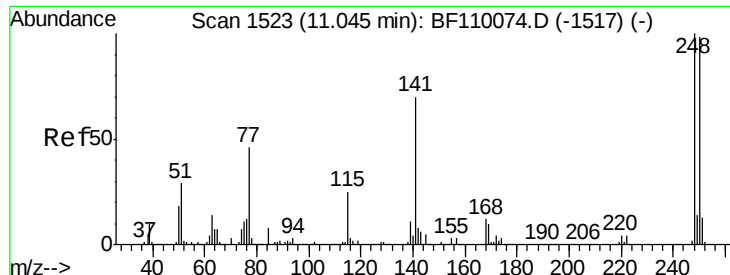
#66
n-Nitrosodiphenylamine
Concen: 44.092 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BF110416.D
Acq: 2 Nov 2018 17:15

Tgt Ion:169 Resp: 437156
Ion Ratio Lower Upper
169 100
168 66.8 51.2 76.8
167 35.3 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

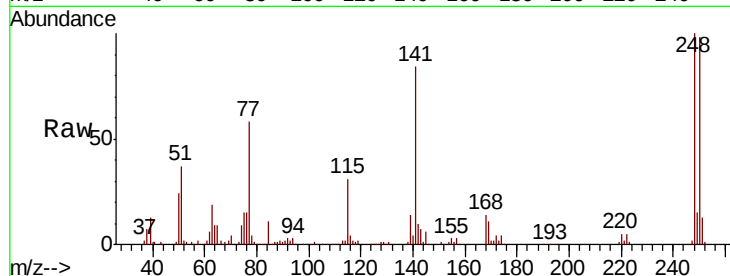




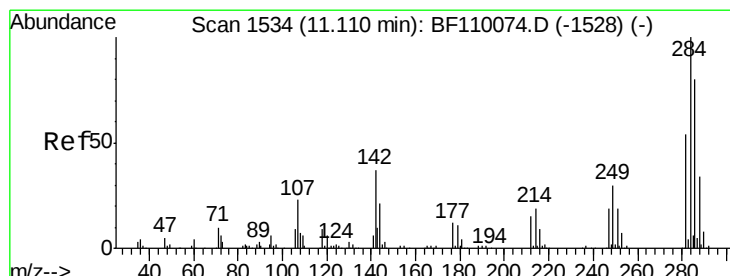
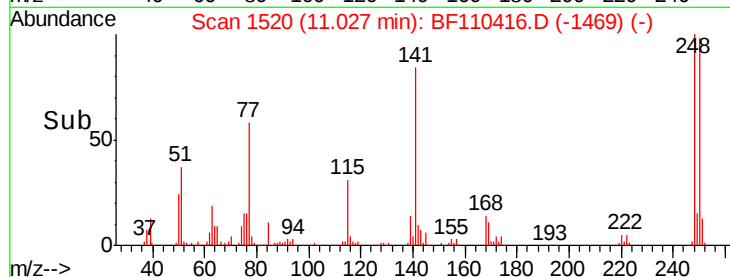
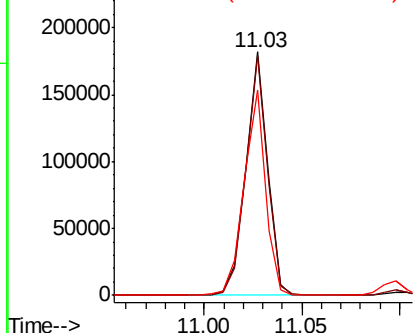
#67
4-Bromophenyl-phenylether
Concen: 42.962 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF110416.D
Acq: 2 Nov 2018 17:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 140866
Ion Ratio Lower Upper
248 100
250 98.4 79.4 119.2
141 84.3 55.9 83.9#

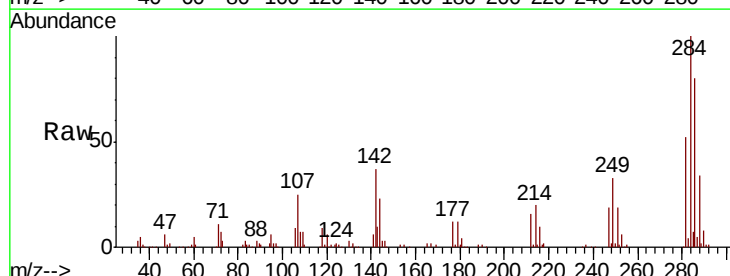


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

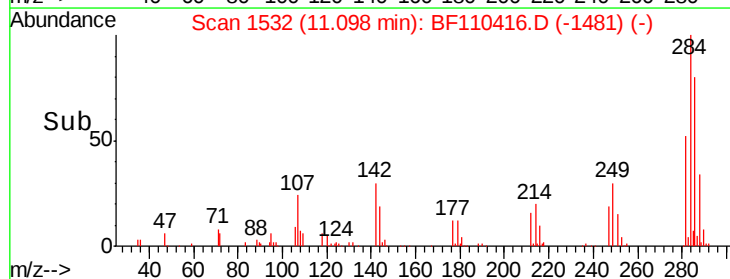
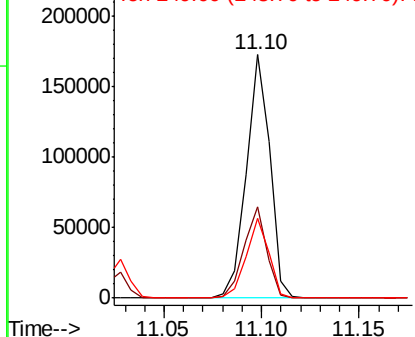


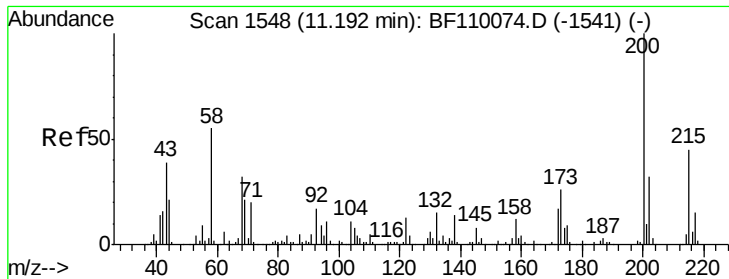
#68
Hexachlorobenzene
Concen: 41.352 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BF110416.D
Acq: 2 Nov 2018 17:15

Tgt Ion:284 Resp: 143862
Ion Ratio Lower Upper
284 100
142 37.3 23.9 35.9#
249 32.6 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

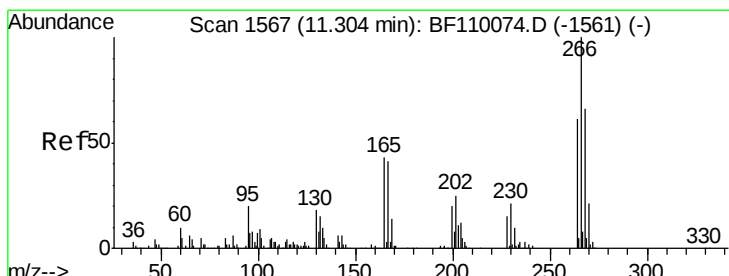
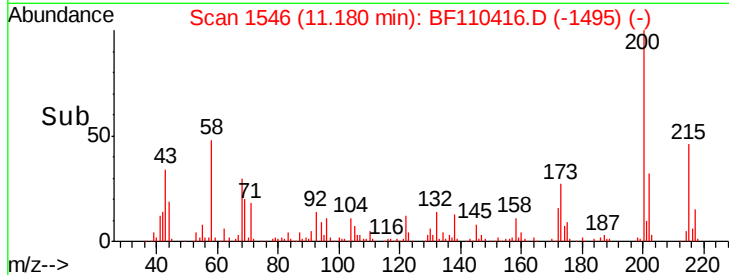
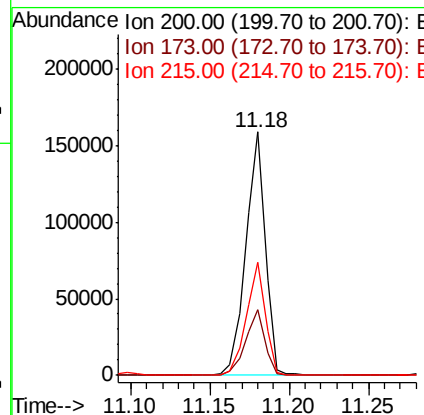
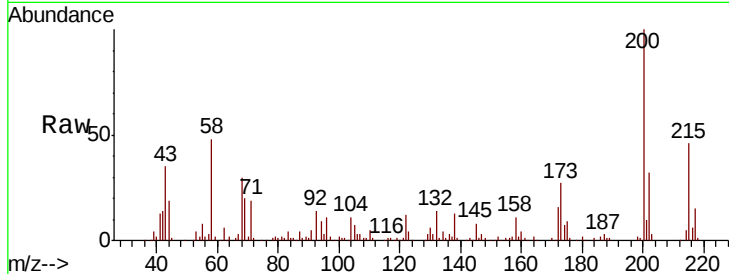




#69
 Atrazine
 Concen: 43.331 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. 0.00 min
 Lab File: BF110416.D
 Acq: 2 Nov 2018 17:15

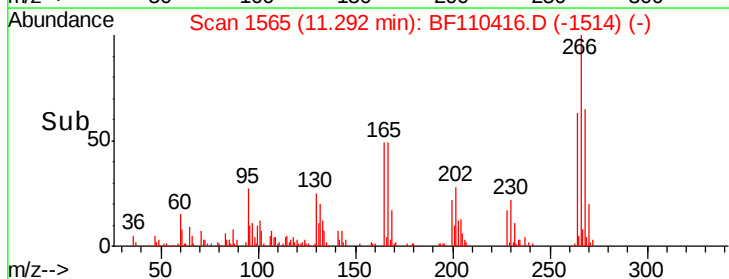
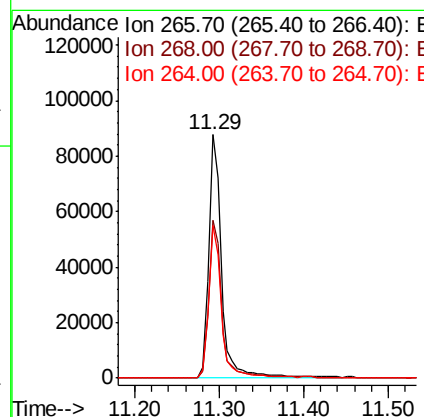
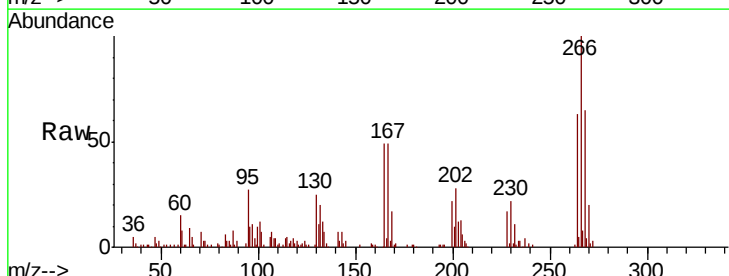
Instrument :
 BNA_F
 ClientSampleId :

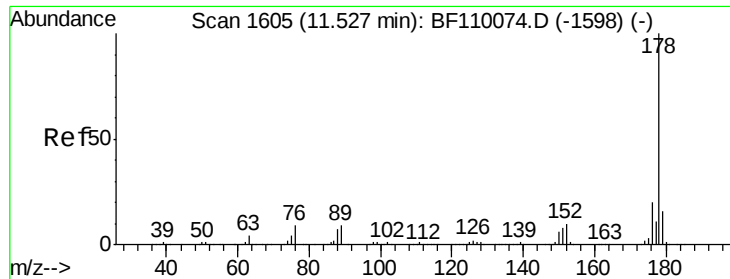
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.8	6.6	46.6
215	46.3	26.3	66.3



#70
 Pentachlorophenol
 Concen: 45.603 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BF110416.D
 Acq: 2 Nov 2018 17:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.0	50.6	75.8
264	62.7	50.6	75.8

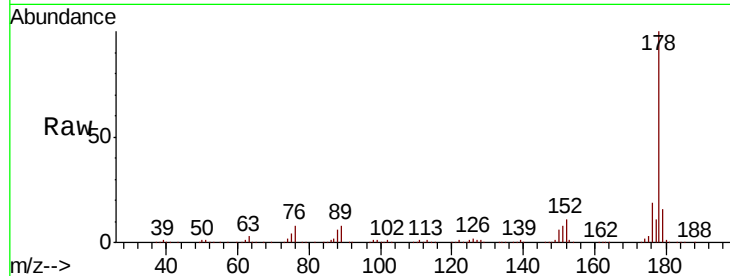




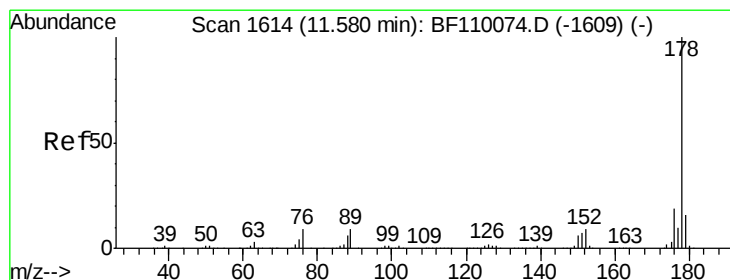
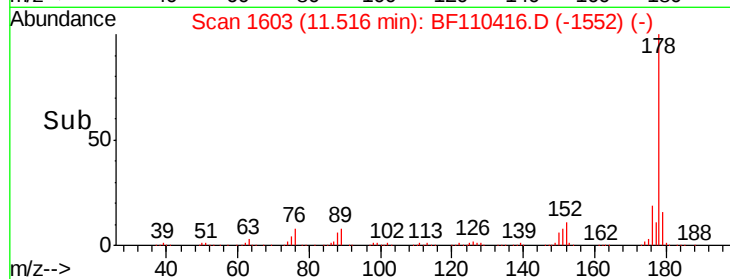
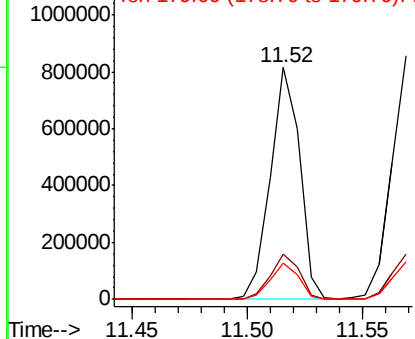
#71
Phenanthrene
Concen: 45.498 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BF110416.D
Acq: 2 Nov 2018 17:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 719628
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.6 12.5 18.7

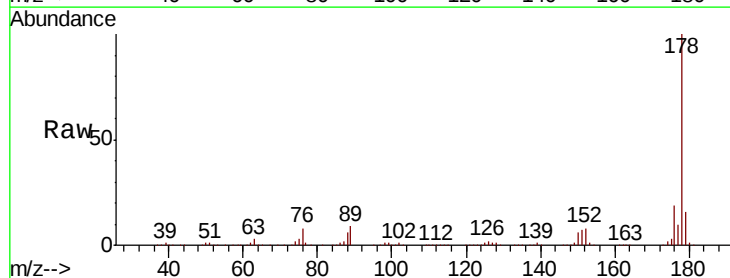


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

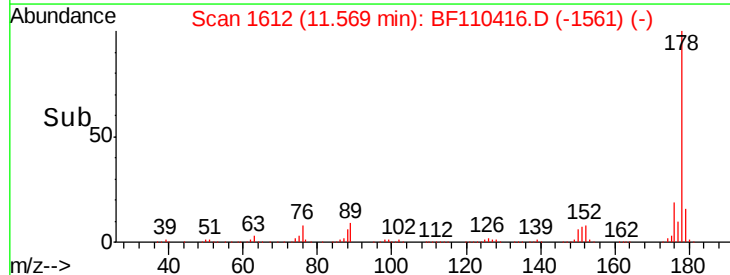
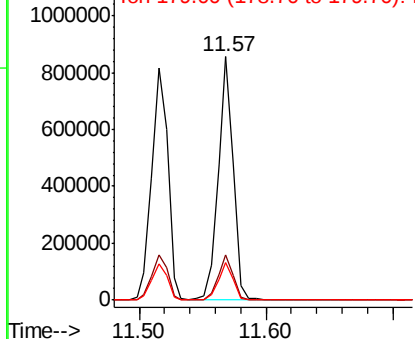


#72
Anthracene
Concen: 45.186 ng
RT: 11.57 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BF110416.D
Acq: 2 Nov 2018 17:15

Tgt Ion:178 Resp: 716357
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.6 12.6 18.8



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

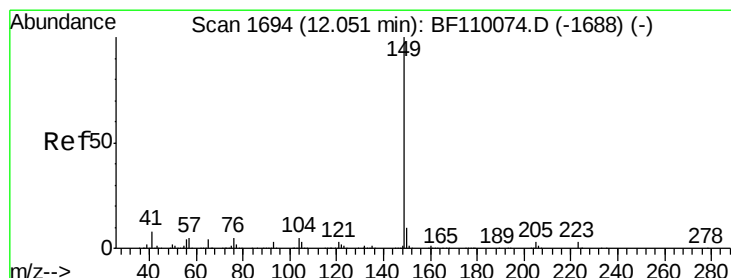
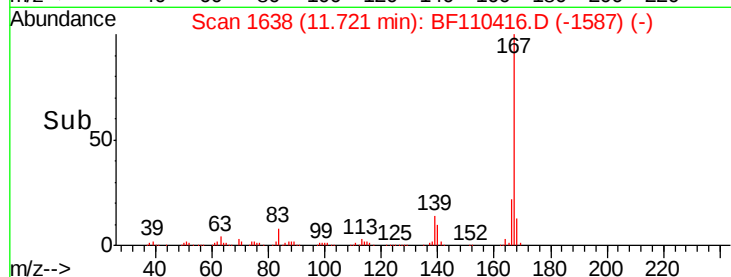
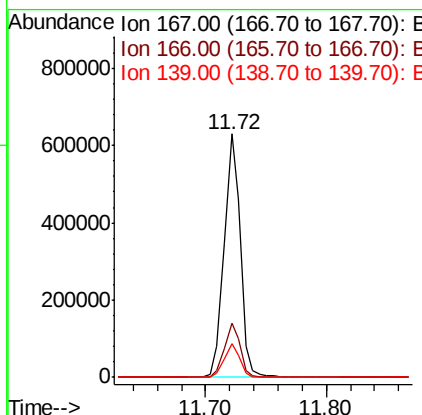
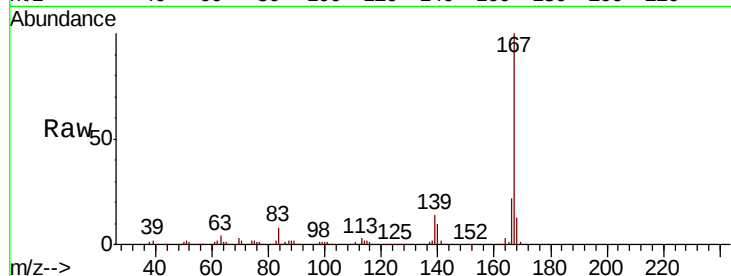




#73
 Carbazole
 Concen: 37.658 ng
 RT: 11.72 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: BF110416.D
 Acq: 2 Nov 2018 17:15

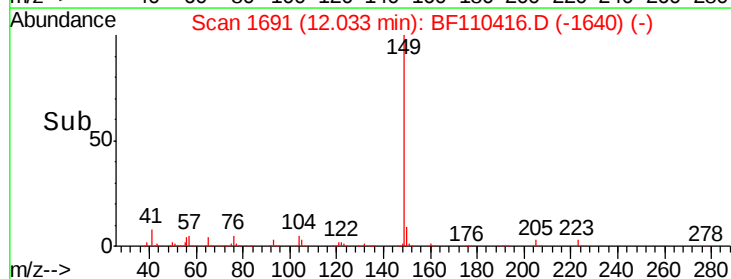
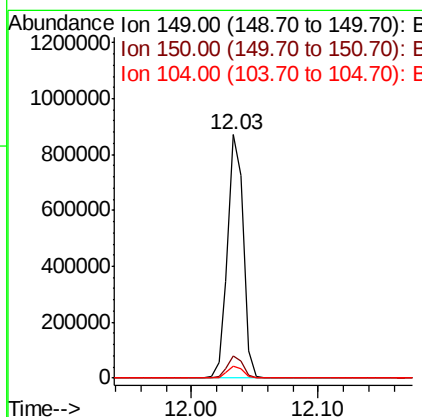
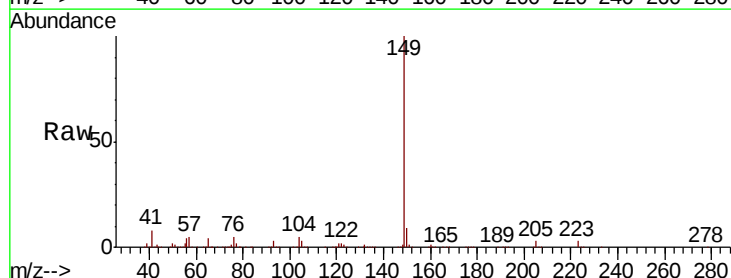
Instrument :
 BNA_F
 ClientSampleId :

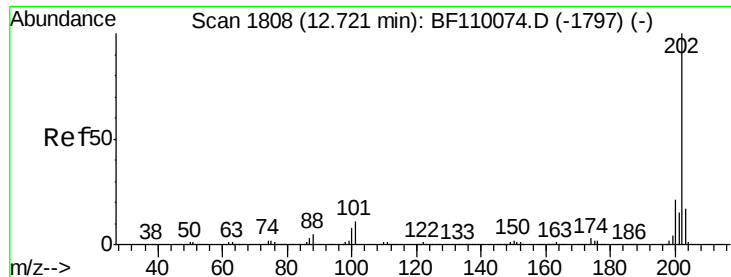
Tot Ion:167 Resp: 582910
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.4 26.0
 139 13.9 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 42.805 ng
 RT: 12.03 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: BF110416.D
 Acq: 2 Nov 2018 17:15

Tgt Ion:149 Resp: 748324
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 5.0 4.2 6.4





#75

Fluoranthene

Concen: 39.222 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF110416.D

Acq: 2 Nov 2018 17:15

Instrument :

BNA_F

ClientSampleId :

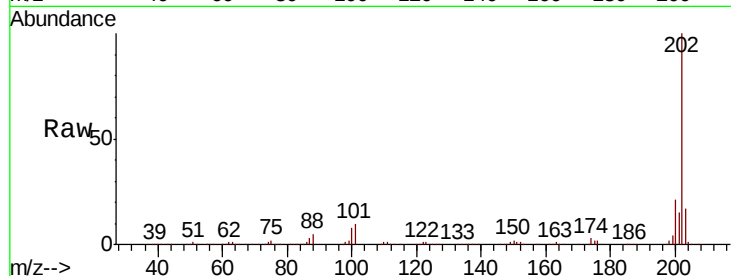
Tot Ion:202 Resp: 629595

Ion Ratio Lower Upper

202 100

101 10.0 0.0 31.4

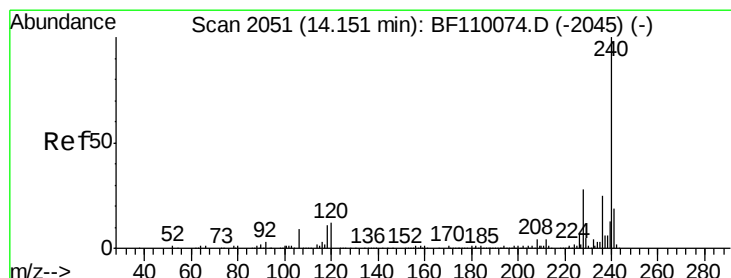
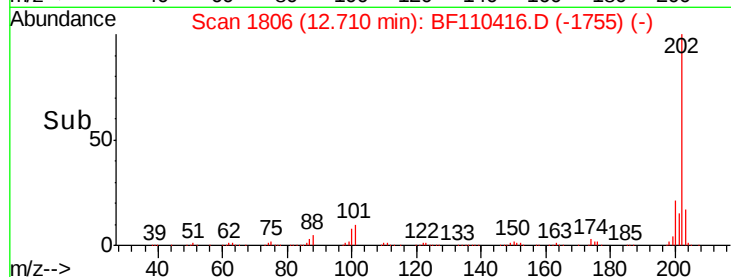
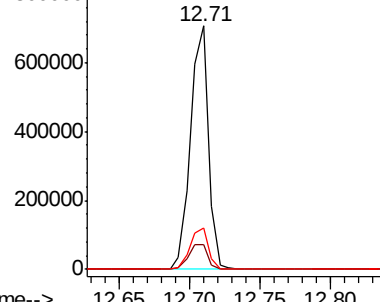
203 16.9 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BF110416.D

Acq: 2 Nov 2018 17:15

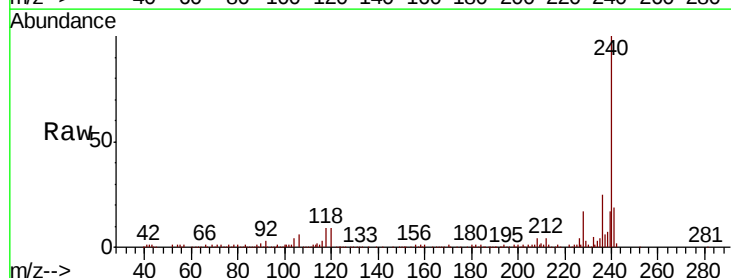
Tgt Ion:240 Resp: 162431

Ion Ratio Lower Upper

240 100

120 9.3 8.3 12.5

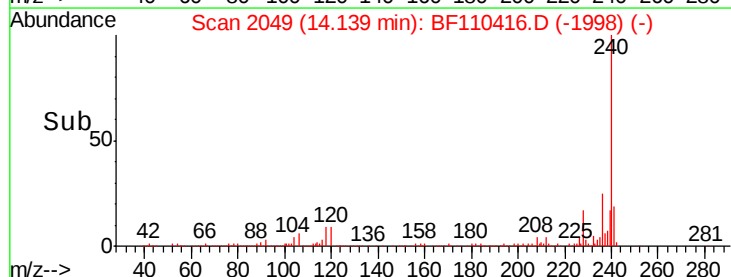
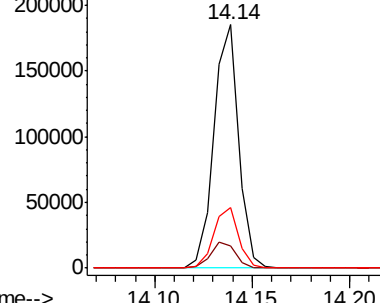
236 24.7 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.099 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF110416.D

Acq: 2 Nov 2018 17:15

Instrument :

BNA_F

ClientSampled :

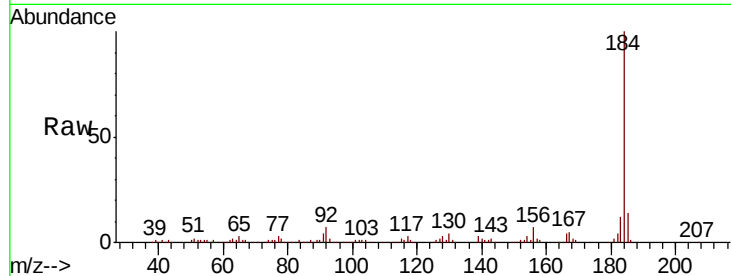
Tot Ion:184 Resp: 200018

Ion Ratio Lower Upper

184 100

185 14.5 13.4 20.2

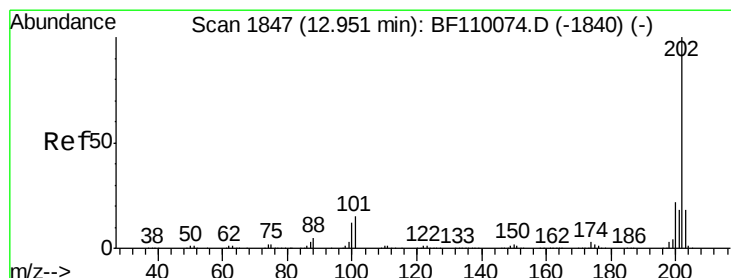
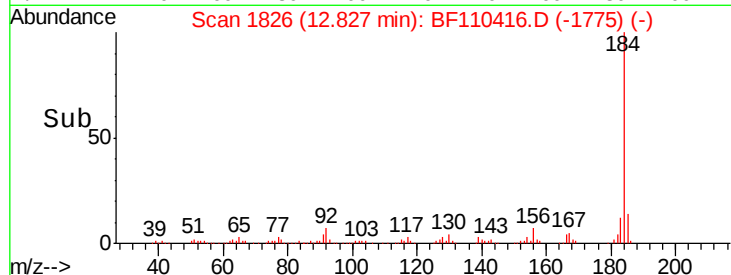
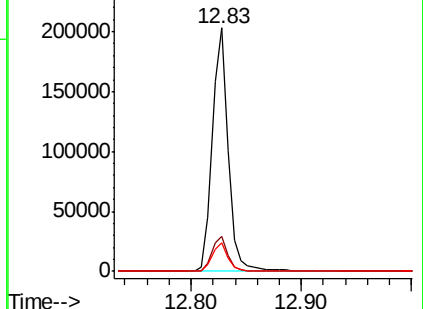
183 12.0 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 50.400 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF110416.D

Acq: 2 Nov 2018 17:15

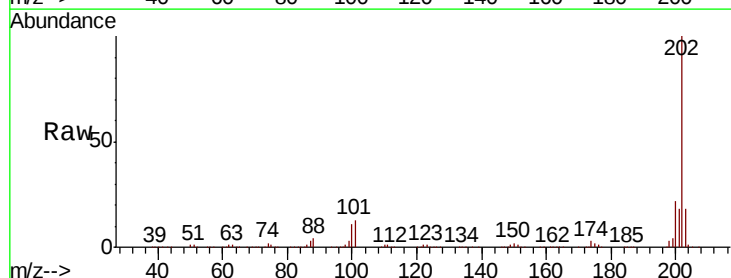
Tgt Ion:202 Resp: 586907

Ion Ratio Lower Upper

202 100

200 21.9 17.8 26.6

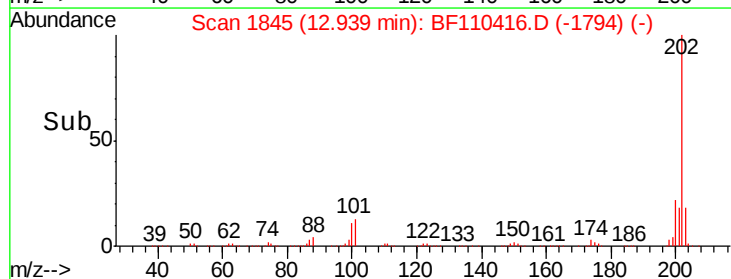
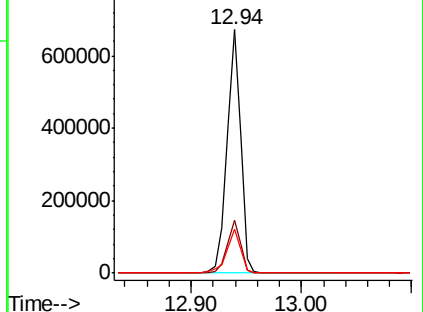
203 18.0 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.083 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110416.D

Acq: 2 Nov 2018 17:15

Instrument :

BNA_F

ClientSampleId :

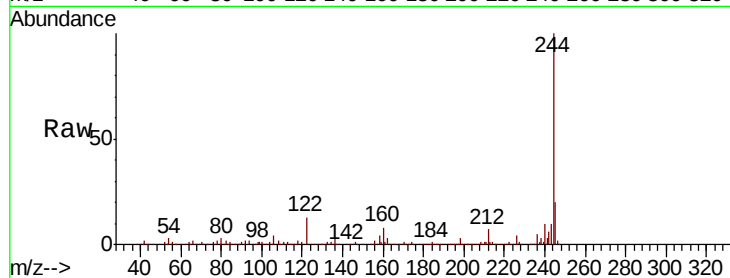
Tot Ion:244 Resp: 687949

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

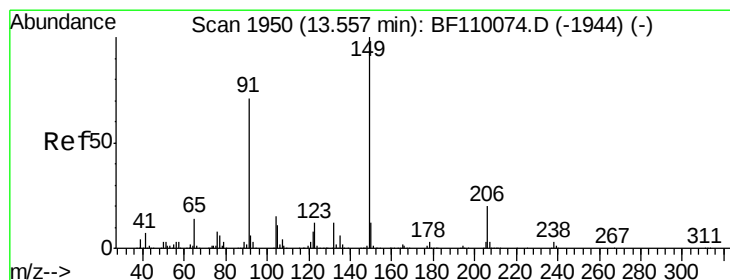
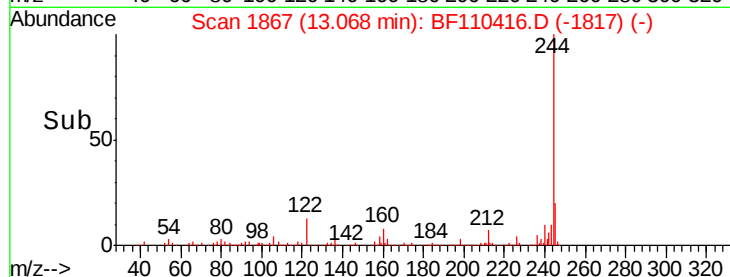
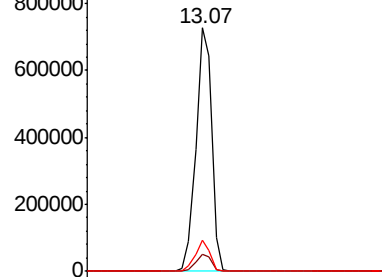
122 12.7 8.7 13.1



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: 44.756 ng

RT: 13.54 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BF110416.D

Acq: 2 Nov 2018 17:15

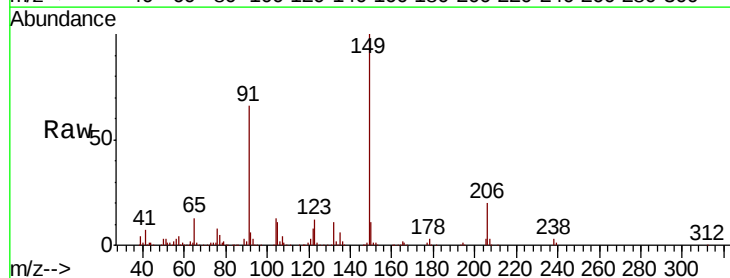
Tgt Ion:149 Resp: 226212

Ion Ratio Lower Upper

149 100

91 66.4 57.2 85.8

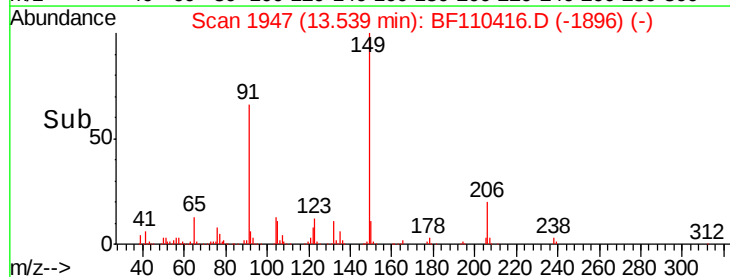
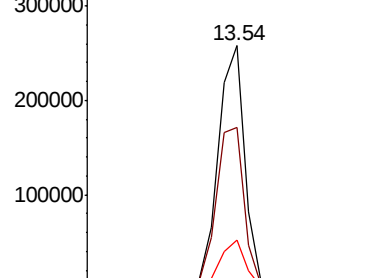
206 19.9 15.7 23.5



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

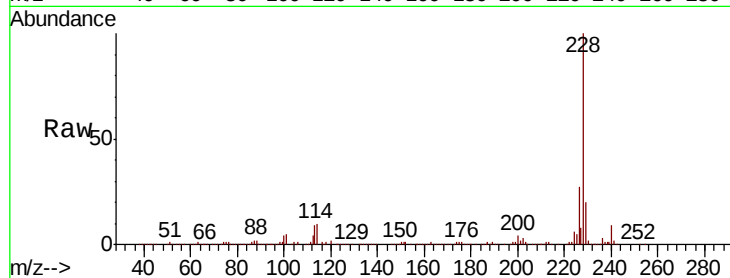




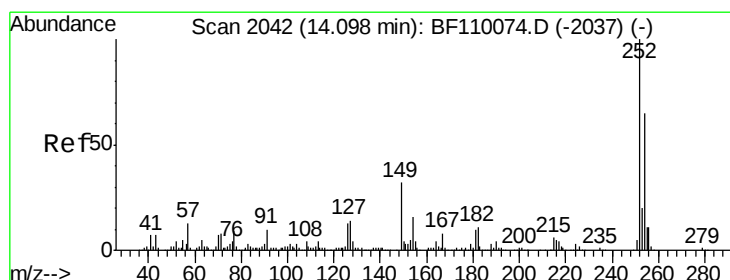
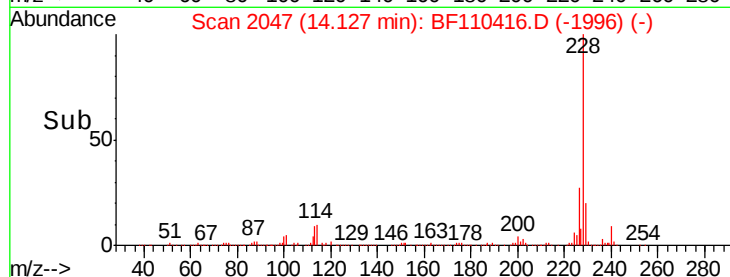
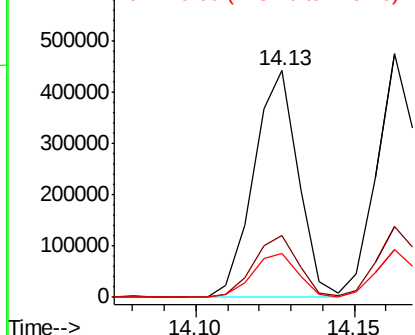
#81
Benzo(a)anthracene
Concen: 44.890 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BF110416.D
Acq: 2 Nov 2018 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 432404
Ion Ratio Lower Upper
228 100
226 27.0 22.1 33.1
229 19.6 15.6 23.4

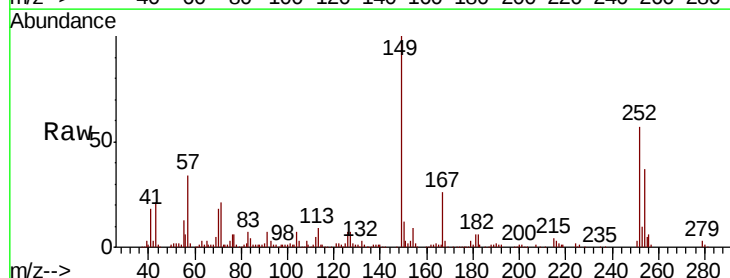


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

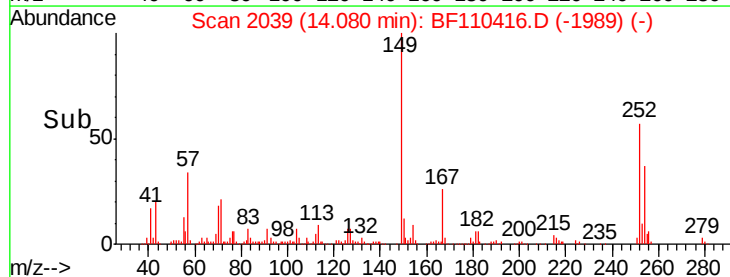
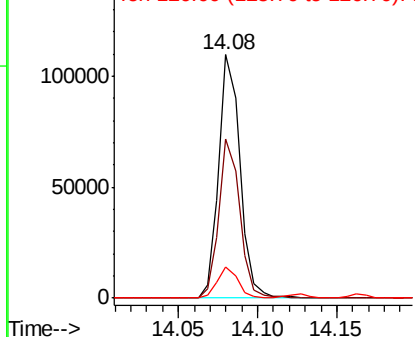


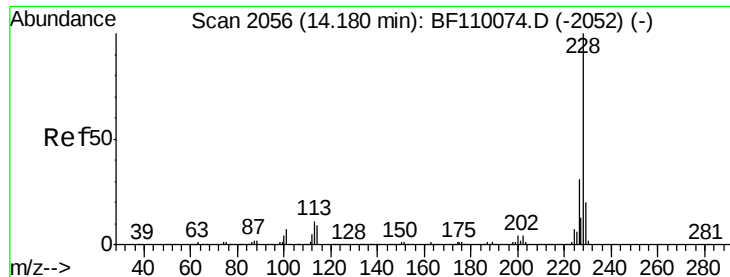
#82
3,3'-Dichlorobenzidine
Concen: 30.675 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF110416.D
Acq: 2 Nov 2018 17:15

Tgt Ion:252 Resp: 102889
Ion Ratio Lower Upper
252 100
254 65.4 51.3 76.9
126 12.8 9.4 14.2



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





#83

Chrysene

Concen: 44.180 ng

RT: 14.16 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BF110416.D

Acq: 2 Nov 2018 17:15

Instrument :

BNA_F

ClientSampleId :

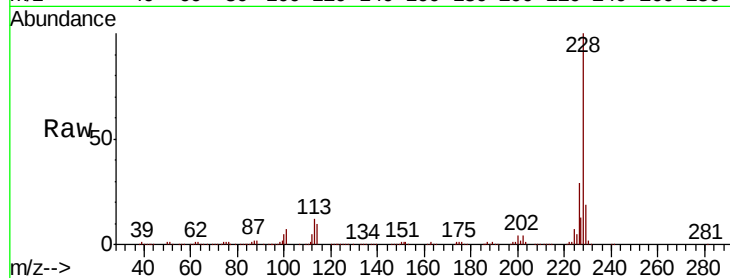
Tot Ion:228 Resp: 404201

Ion Ratio Lower Upper

228 100

226 29.1 24.7 37.1

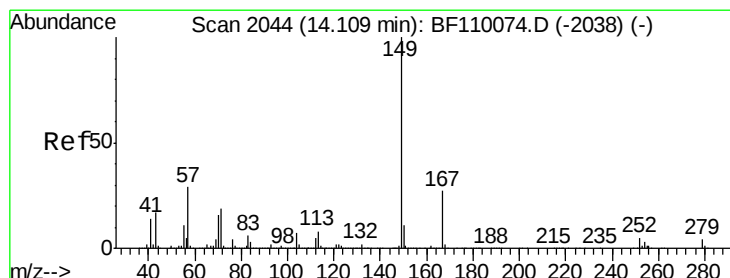
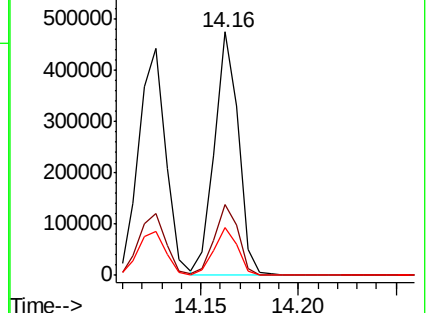
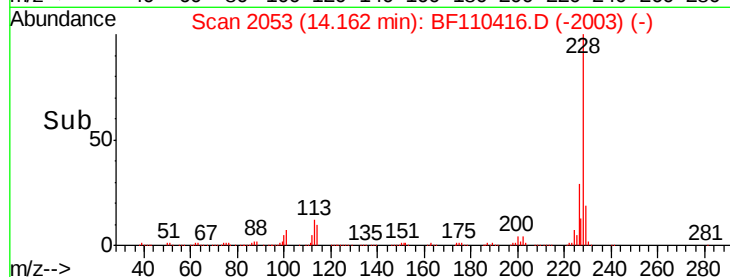
229 19.5 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.532 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BF110416.D

Acq: 2 Nov 2018 17:15

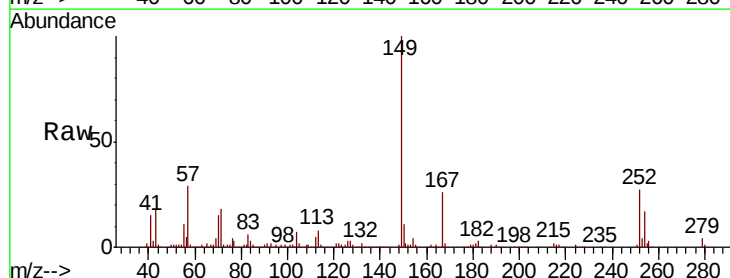
Tgt Ion:149 Resp: 290602

Ion Ratio Lower Upper

149 100

167 25.7 19.8 29.8

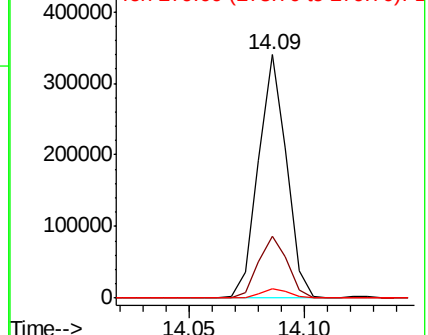
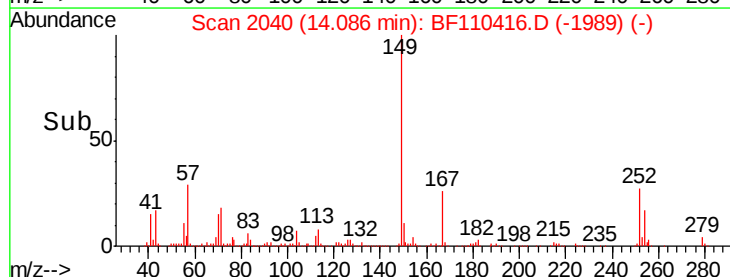
279 3.7 2.7 4.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

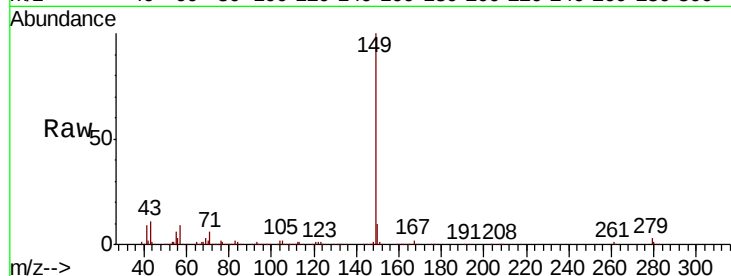




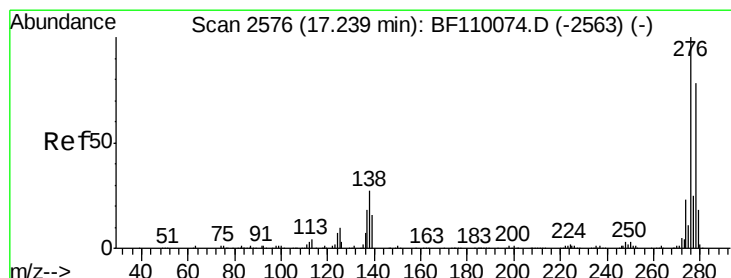
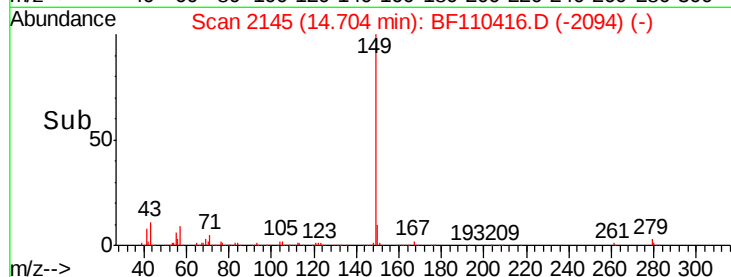
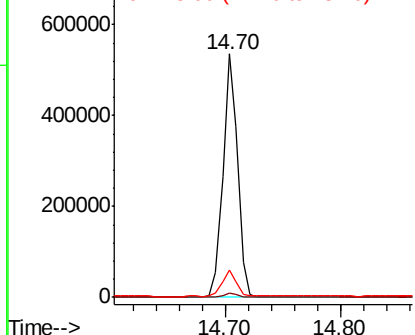
#85
Di-n-octyl phthalate
Concen: 44.241 ng
RT: 14.70 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BF110416.D
Acq: 2 Nov 2018 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 470021
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 10.6 7.8 11.8

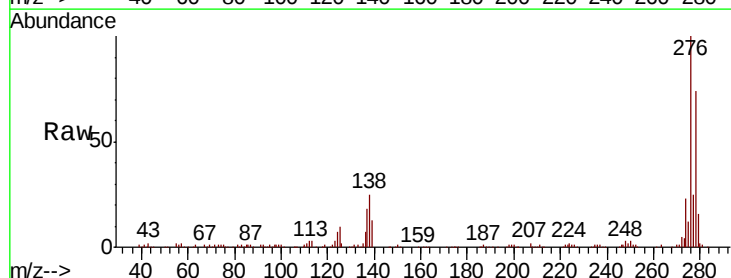


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

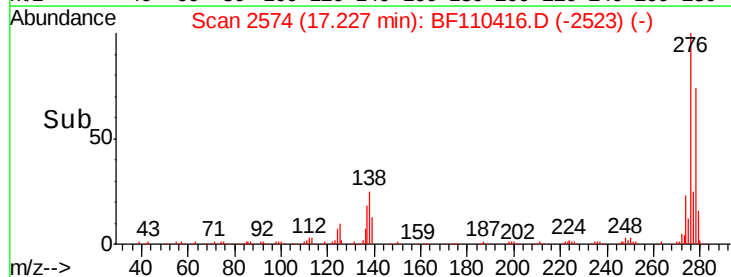
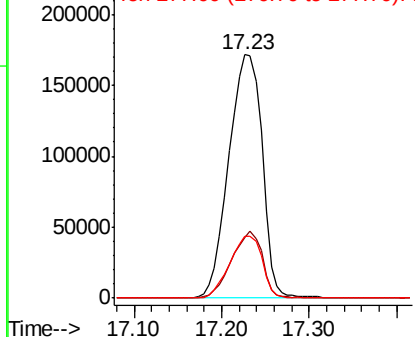


#86
Indeno(1,2,3-cd)pyrene
Concen: 58.647 ng
RT: 17.23 min Scan# 2574
Delta R.T. 0.00 min
Lab File: BF110416.D
Acq: 2 Nov 2018 17:15

Tgt Ion:276 Resp: 445128
Ion Ratio Lower Upper
276 100
138 25.5 18.5 27.7
277 24.9 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# 2307

Delta R.T. 0.00 min

Lab File: BF110416.D

Acq: 2 Nov 2018 17:15

Instrument :

BNA_F

ClientSampleId :

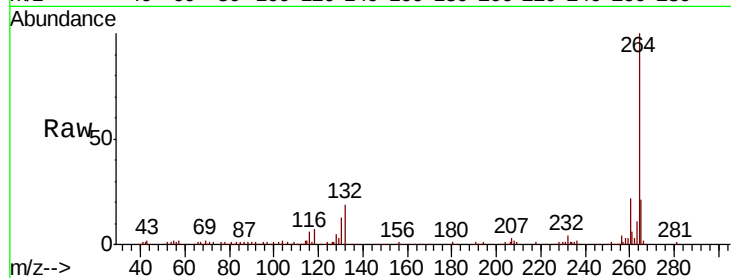
Tot Ion:264 Resp: 162645

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.7	28.1
265	20.9	16.7	25.1

264 100

260 22.2 18.7 28.1

265 20.9 16.7 25.1

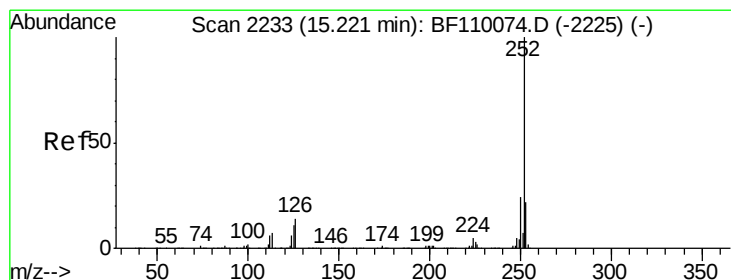
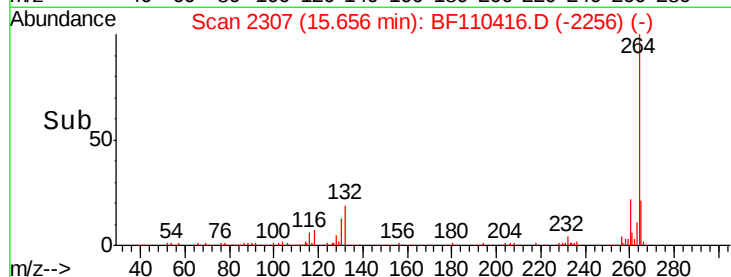
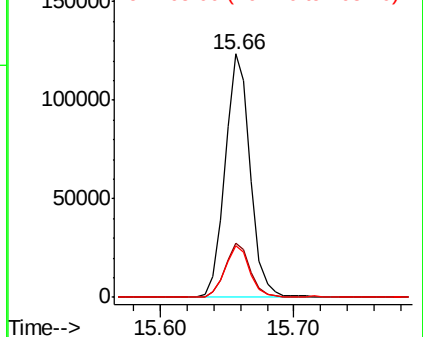


Abundance

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: 44.868 ng

RT: 15.20 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BF110416.D

Acq: 2 Nov 2018 17:15

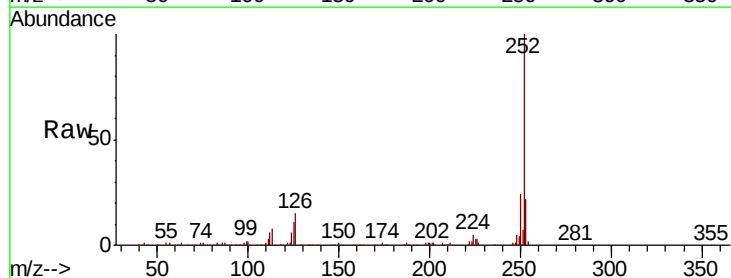
Tgt Ion:252 Resp: 421406

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	11.2	8.2	12.4

252 100

253 21.6 17.2 25.8

125 11.2 8.2 12.4

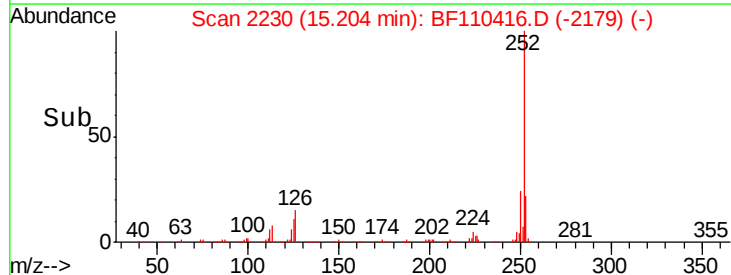
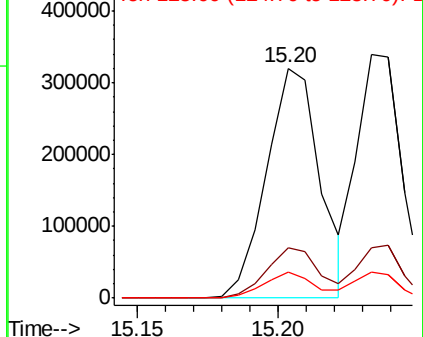


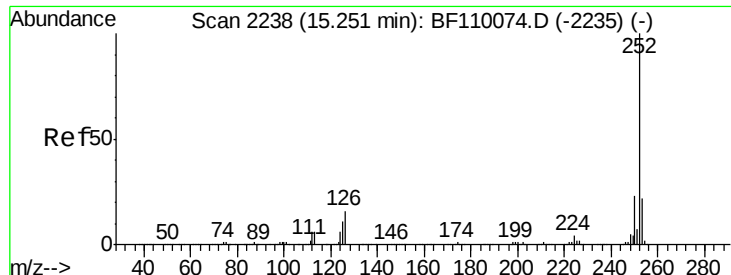
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

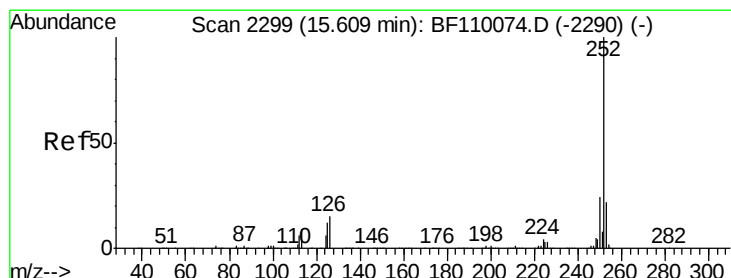
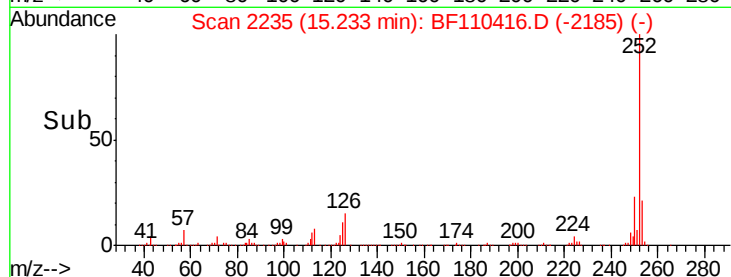
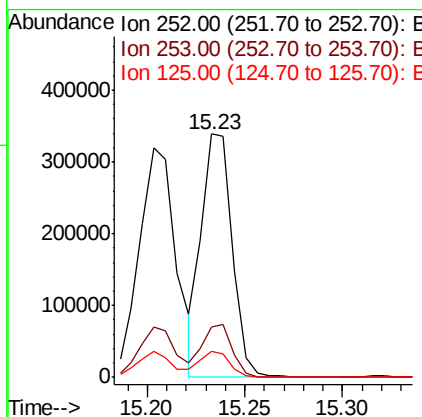
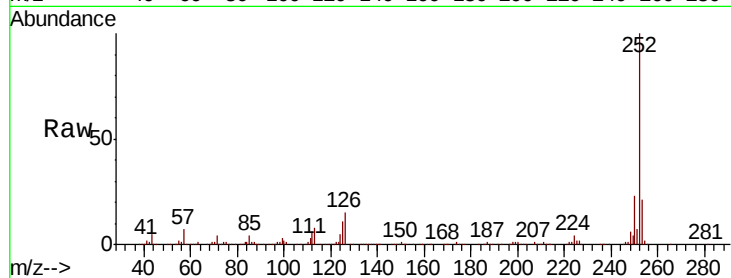




#89
Benzo(k)fluoranthene
Concen: 40.060 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF110416.D
Acq: 2 Nov 2018 17:15

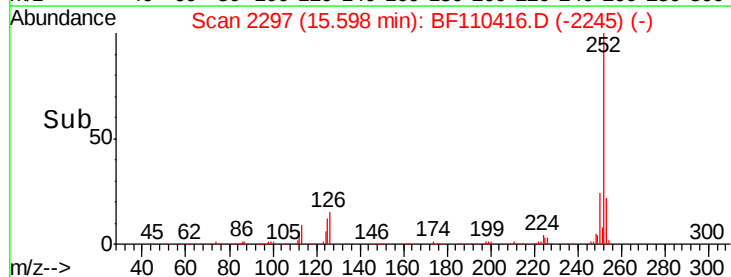
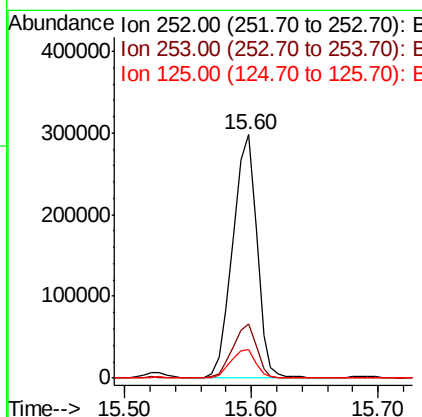
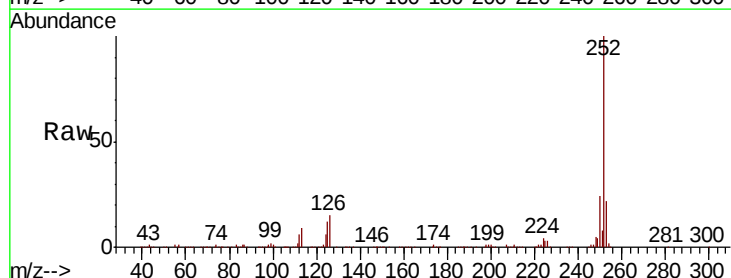
Instrument :
BNA_F
ClientSampleId :

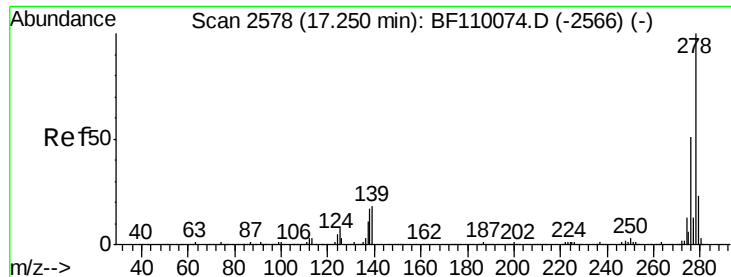
Tot Ion:252 Resp: 369893
Ion Ratio Lower Upper
252 100
253 20.9 17.2 25.8
125 10.7 7.4 11.0



#90
Benzo(a)pyrene
Concen: 45.552 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BF110416.D
Acq: 2 Nov 2018 17:15

Tgt Ion:252 Resp: 393671
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 11.6 9.0 13.6

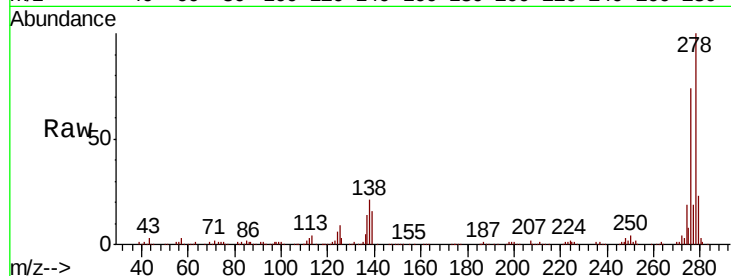




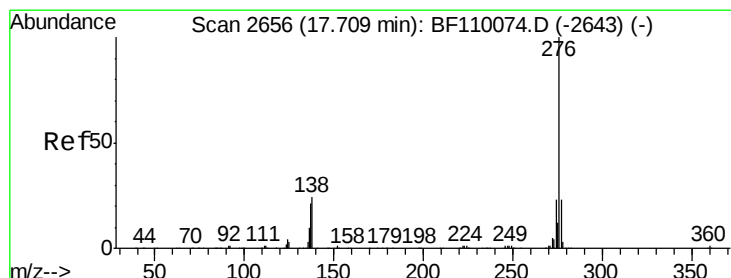
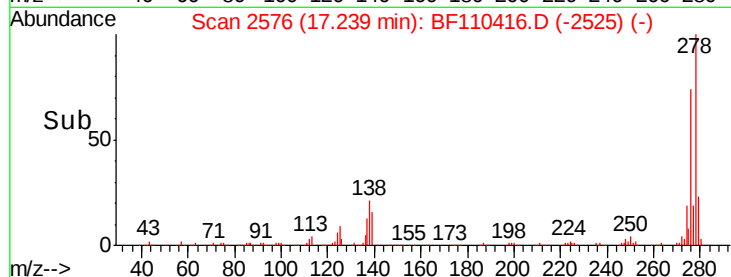
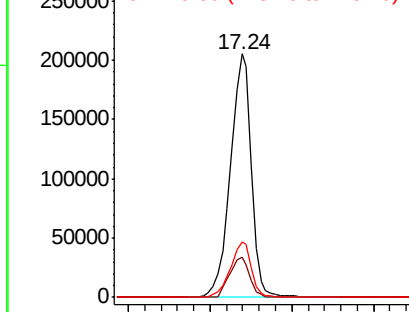
#91
Dibenzo(a,h)anthracene
Concen: 49.185 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.00 min
Lab File: BF110416.D
Acq: 2 Nov 2018 17:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:278 Resp: 366775
Ion Ratio Lower Upper
278 100
139 16.5 12.7 19.1
279 22.8 19.0 28.4

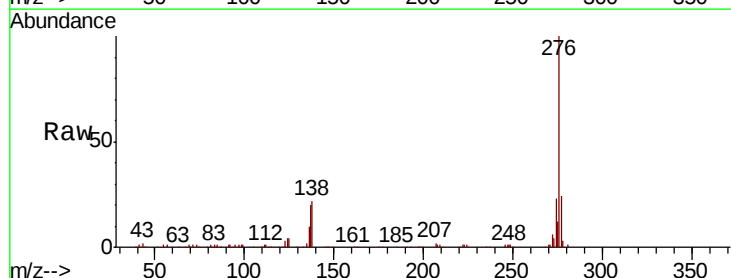


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.311 ng
RT: 17.70 min Scan# 2655
Delta R.T. 0.00 min
Lab File: BF110416.D
Acq: 2 Nov 2018 17:15

Tgt Ion:276 Resp: 355003
Ion Ratio Lower Upper
276 100
277 24.1 18.8 28.2
138 21.9 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

