

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110275.D
 Acq On : 29 Oct 2018 21:18
 Operator : JU/SJ
 Sample : J5665-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 08:04:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	75501	20.00	ng	0.01
21) Naphthalene-d8	8.28	136	253350	20.00	ng	0.03
39) Acenaphthene-d10	10.02	164	178742	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	276336	20.00	ng	0.00
76) Chrysene-d12	14.15	240	189656	20.00	ng	0.00
87) Perylene-d12	15.69	264	154872	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	469639	101.29	ng	0.01
7) Phenol-d6	6.60	99	691664	116.63	ng	0.00
23) Nitrobenzene-d5	7.57	82	372285	87.16	ng	0.04
42) 2,4,6-Tribromophenol	10.81	330	140199	79.18	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	870826	76.50	ng	0.00
79) Terphenyl-d14	13.09	244	668696	73.33	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.54	77	232155	Below Cal		# 1
10) Phenol	6.61	94	52217	8.237	ng	# 72
15) Benzyl Alcohol	7.13	79	26586	5.829	ng	# 44
17) 2-Methylphenol	7.27	107	40660	9.545	ng	# 1
18) Hexachloroethane	7.47	117	616050	282.833	ng	# 1
19) n-Nitroso-di-n-propylamine	7.37	70	42487	11.168	ng	# 56
20) 3+4-Methylphenols	7.39	107	16339	2.967	ng	# 1
22) Acetophenone	7.39	105	2552058	437.166	ng	# 60
24) Nitrobenzene	7.57	77	64202	14.559	ng	# 23
25) Isophorone	7.83	82	96003	13.185	ng	# 1
26) 2-Nitrophenol	7.89	139	13527	6.446	ng	# 1
27) 2,4-Dimethylphenol	7.92	122	45536	13.088	ng	# 53
28) bis(2-Chloroethoxy)methane	8.03	93	49189	9.945	ng	# 94
29) 2,4-Dichlorophenol	8.10	162	11854	3.372	ng	# 5
31) Naphthalene	8.33	128	6967700	596.723	ng	# 94
33) 4-Chloroaniline	8.33	127	1036060	197.152	ng	# 35
35) Caprolactam	8.70	113	5218	4.259	ng	# 1
36) 4-Chloro-3-methylphenol	8.82	107	11256	2.961	ng	# 33
37) 2-Methylnaphthalene	9.01	142	7937793	1027.464	ng	# 96
38) 1-Methylnaphthalene	9.12	142	5245232	702.569	ng	# 98
46) 1,1'-Biphenyl	9.43	154	226000	13.982	ng	# 99
48) 2-Nitroaniline	9.54	65	33507	9.326	ng	# 31
49) Acenaphthylene	9.89	152	142592	8.327	ng	# 1
50) Dimethylphthalate	9.73	163	92239	6.991	ng	# 98
51) 2,6-Dinitrotoluene	9.72	165	17643	6.208	ng	# 1
52) Acenaphthene	10.05	154	187850	16.581	ng	# 78
54) 2,4-Dinitrophenol	10.19	184	1374	6.314	ng	# 1
56) 4-Nitrophenol	10.12	139	105609	42.219	ng	# 14
57) 2,4-Dinitrotoluene	10.19	165	102499	28.393	ng	# 33
58) Fluorene	10.57	166	154869	13.119	ng	# 71
63) Azobenzene	10.71	77	43738	3.421	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.62	198	2545	2.016	ng	# 1
66) n-Nitrosodiphenylamine	10.67	169	170053	18.762	ng	# 40
67) 4-Bromophenyl-phenylether	10.81	248	9168	3.059	ng	# 1

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QLast Update : Mon Oct 29 17:29:00 2018
Response via : Initial Calibration

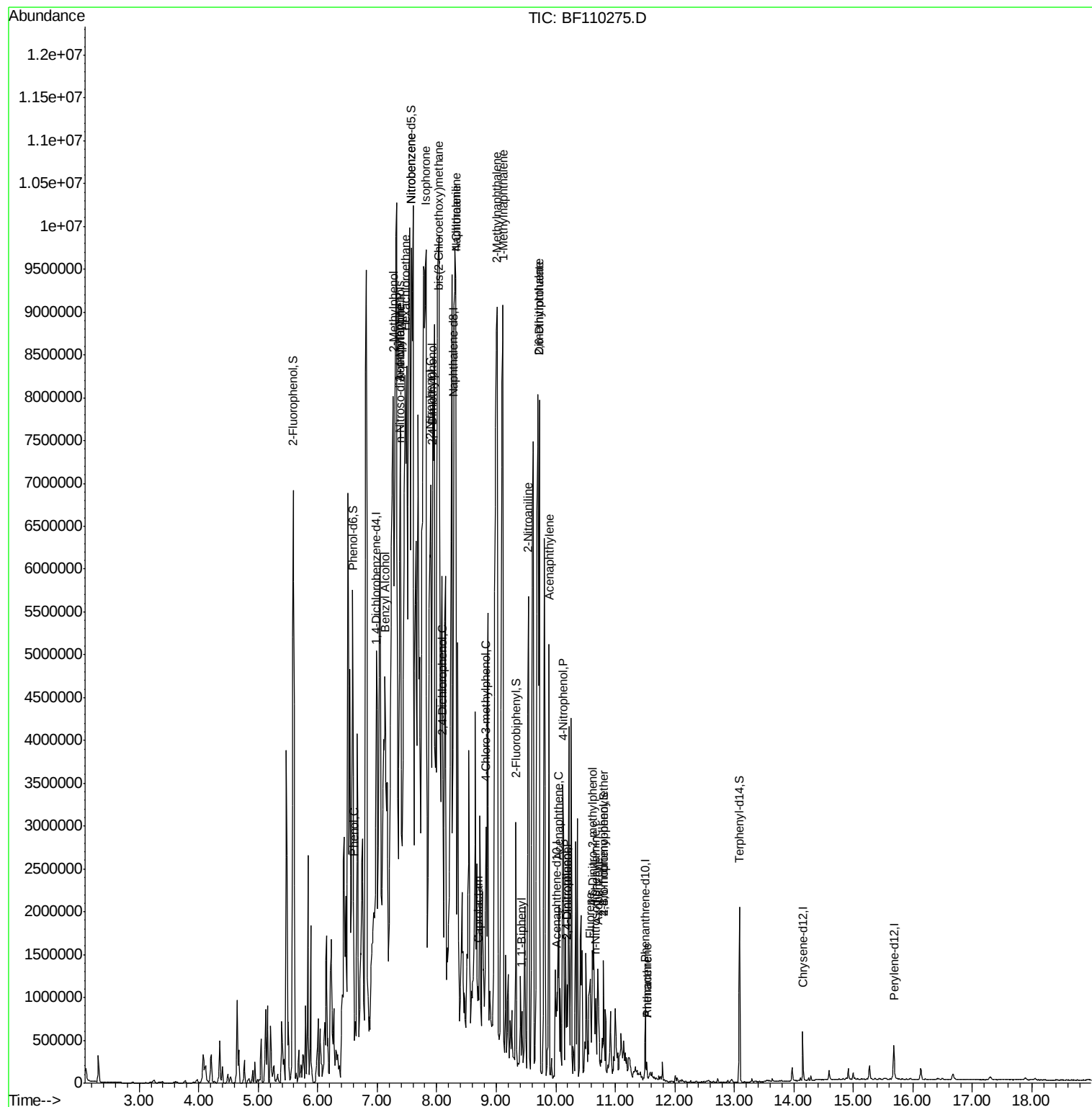
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Phenanthrene	11.53	178	61508	4.254	ng	98
72) Anthracene	11.53	178	61508	4.244	ng	98

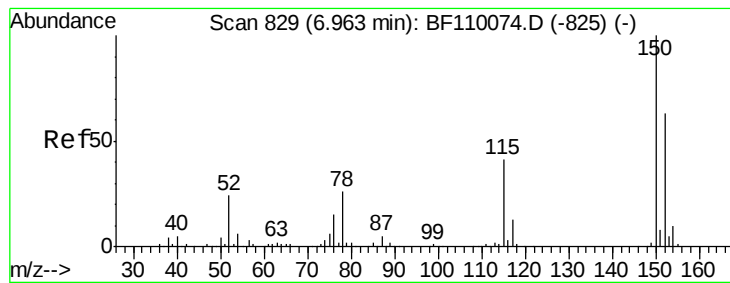
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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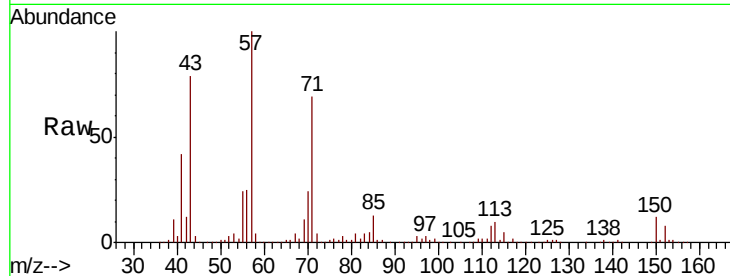


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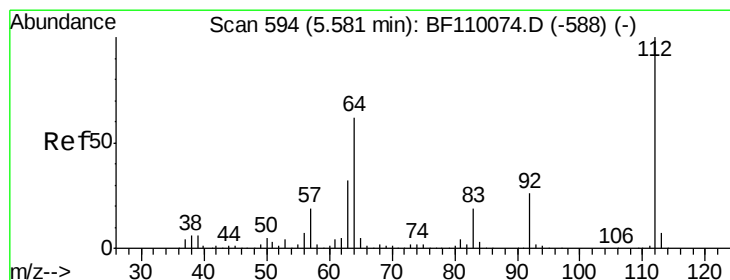
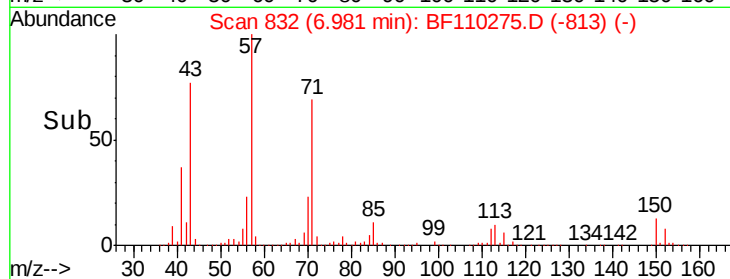
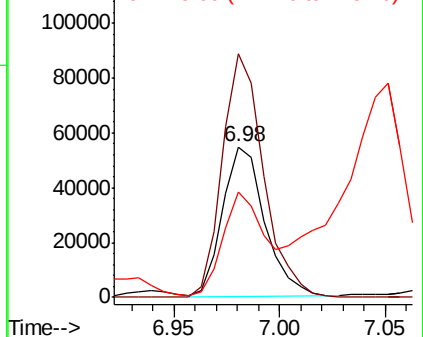
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.01 min
Lab File: BF110275.D
Acq: 29 Oct 2018 21:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 75501
Ion Ratio Lower Upper
152 100
150 161.8 122.7 184.1
115 70.1 49.1 73.7



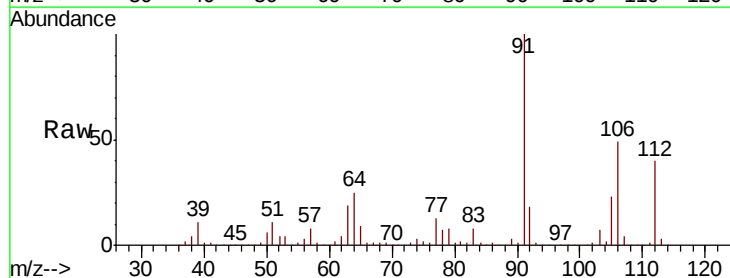
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



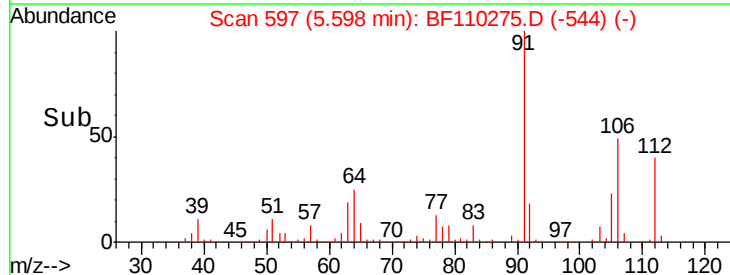
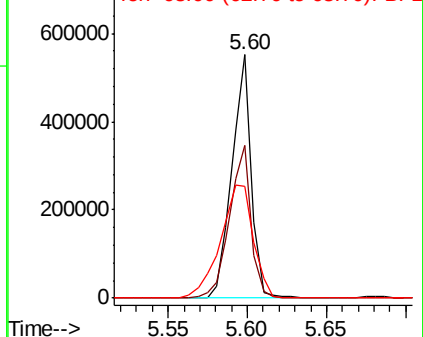
#5

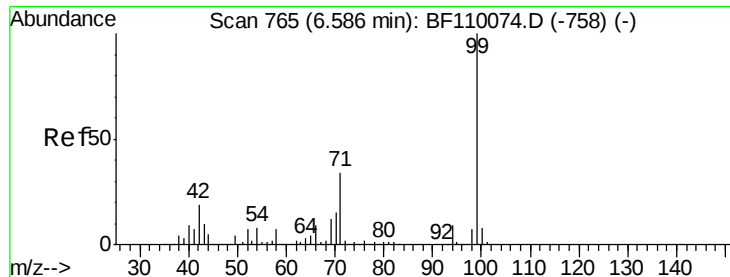
2-Fluorophenol
Concen: 101.295 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF110275.D
Acq: 29 Oct 2018 21:18

Tgt Ion:112 Resp: 469639
Ion Ratio Lower Upper
112 100
64 62.8 44.1 66.1
63 46.0 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 116.633 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF110275.D

Acq: 29 Oct 2018 21:18

Instrument :

BNA_F

ClientSampleId :

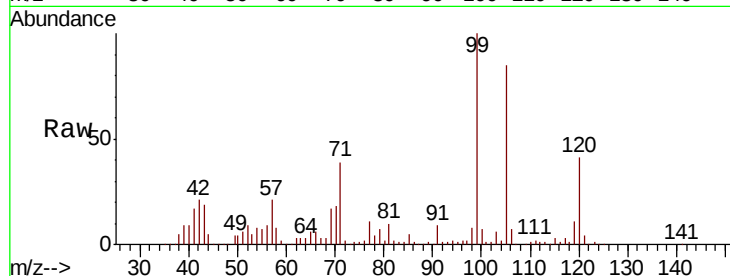
Tot Ion: 99 Resp: 691664

Ion Ratio Lower Upper

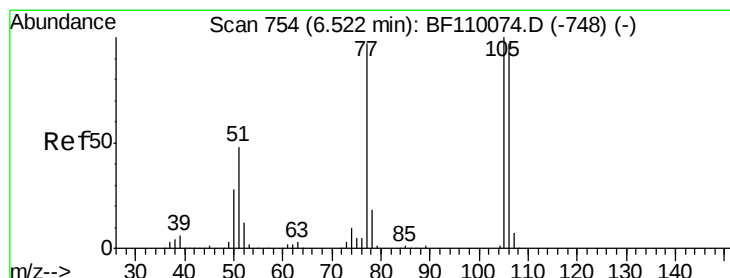
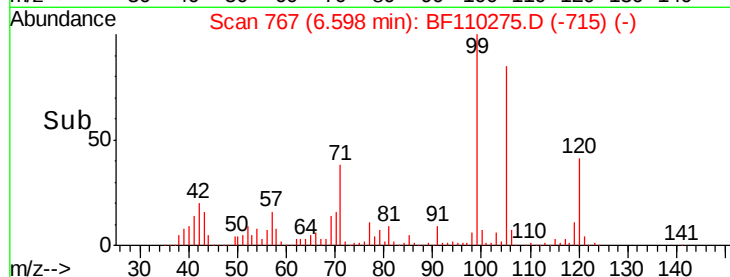
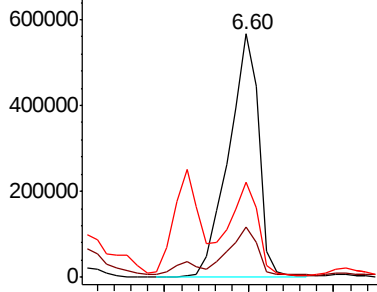
99 100

42 20.6 15.8 23.6

71 39.2 28.0 42.0



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



#9

Benzaldehyde

Concen: Below Cal

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF110275.D

Acq: 29 Oct 2018 21:18

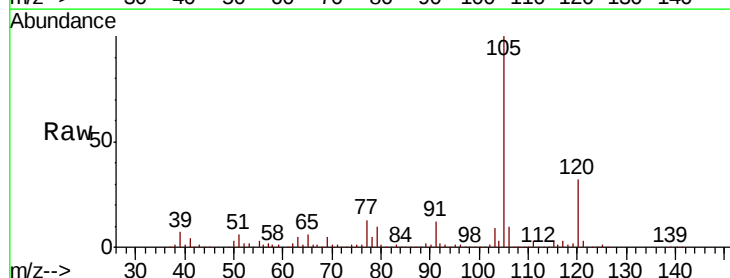
Tgt Ion: 77 Resp: 232155

Ion Ratio Lower Upper

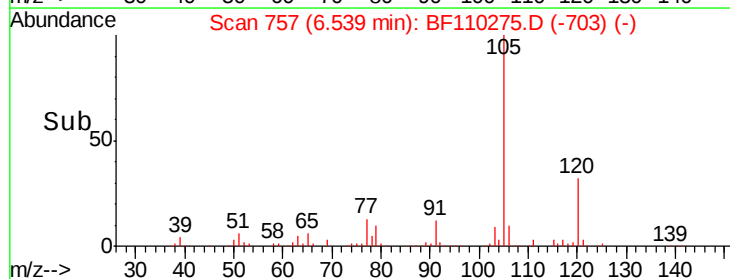
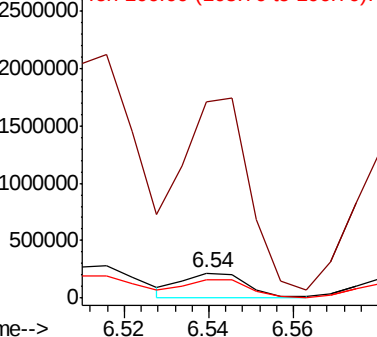
77 100

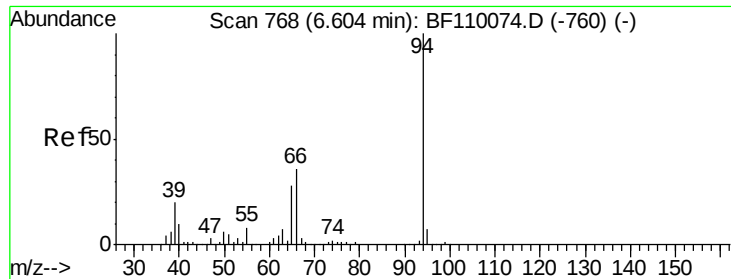
105 787.2 78.6 118.6#

106 75.0 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 8.237 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF110275.D

Acq: 29 Oct 2018 21:18

Instrument :

BNA_F

ClientSampled :

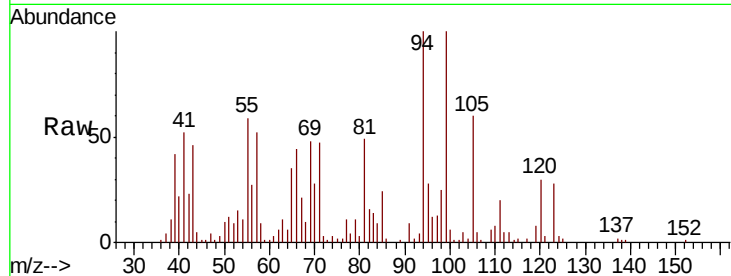
Tot Ion: 94 Resp: 52217

Ion Ratio Lower Upper

94 100

65 35.0 25.3 65.3

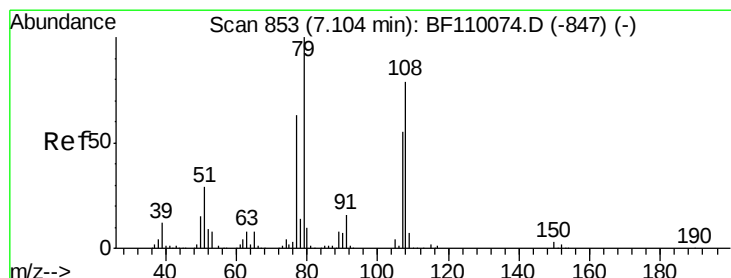
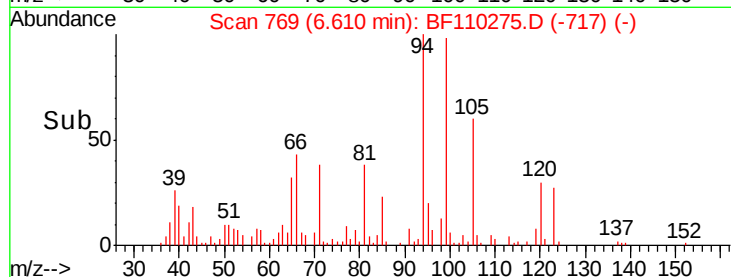
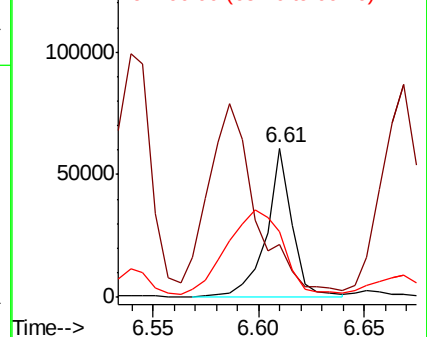
66 44.1 54.5 94.5#



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



#15

Benzyl Alcohol

Concen: 5.829 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.02 min

Lab File: BF110275.D

Acq: 29 Oct 2018 21:18

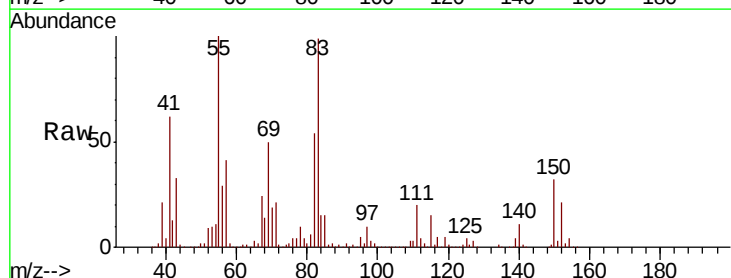
Tgt Ion: 79 Resp: 26586

Ion Ratio Lower Upper

79 100

108 8.8 56.3 84.5#

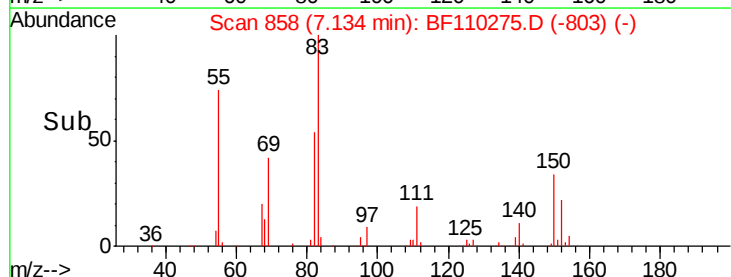
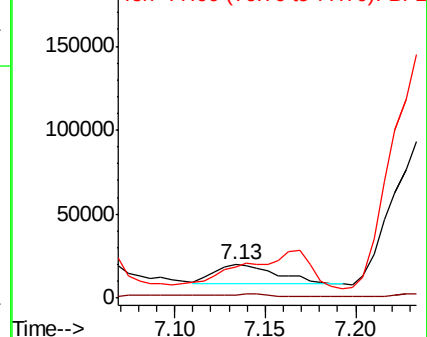
77 95.5 52.9 79.3#

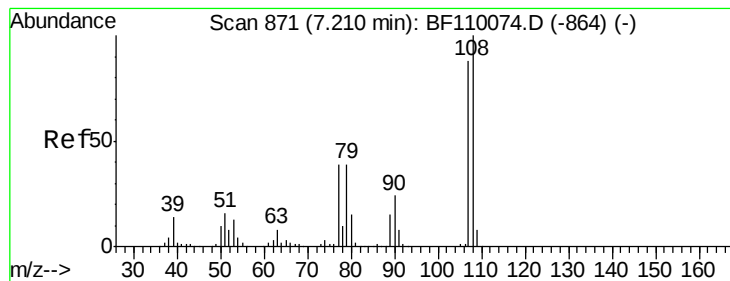


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

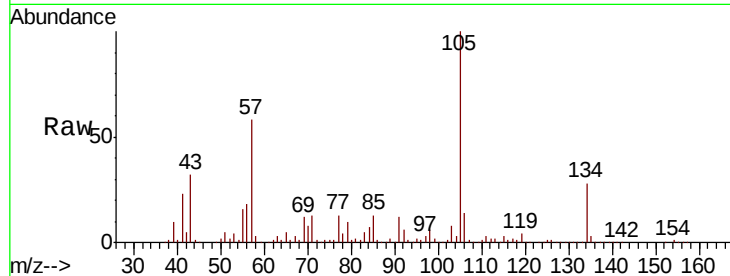




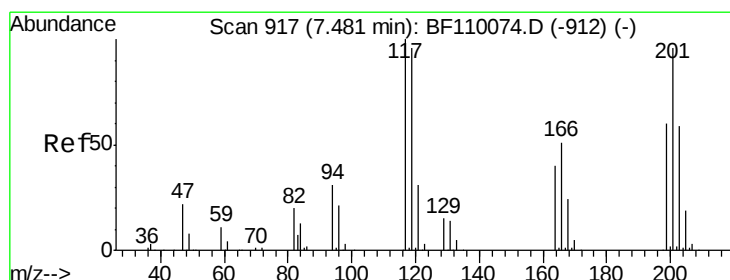
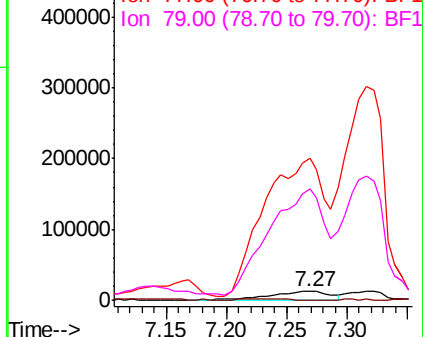
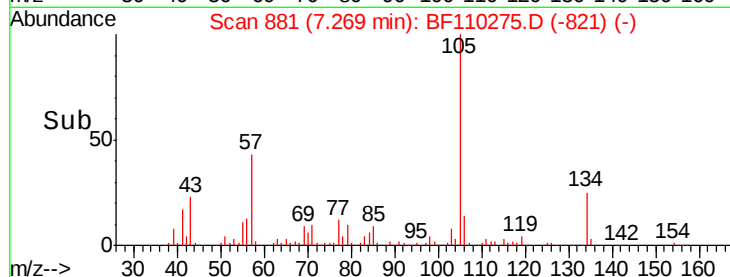
#17
2-Methylphenol
Concen: 9.545 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.05 min
Lab File: BF110275.D
Acq: 29 Oct 2018 21:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 40660
Ion Ratio Lower Upper
107 100
108 6.2 92.6 138.8#
77 1591.1 59.4 89.2#
79 1250.7 54.0 81.0#

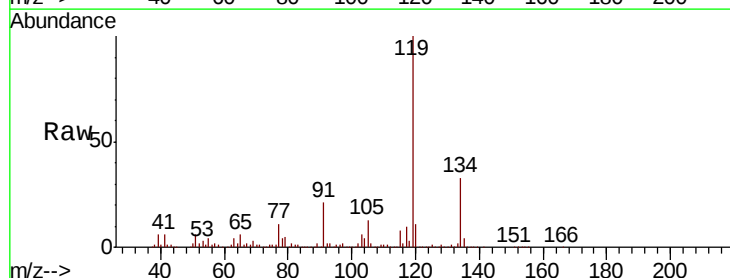


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

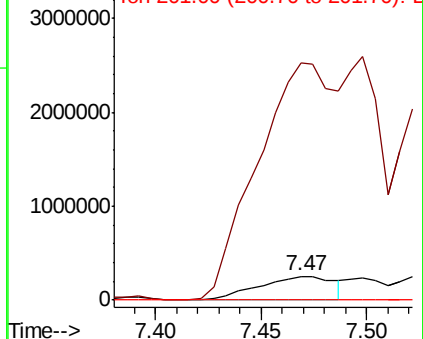
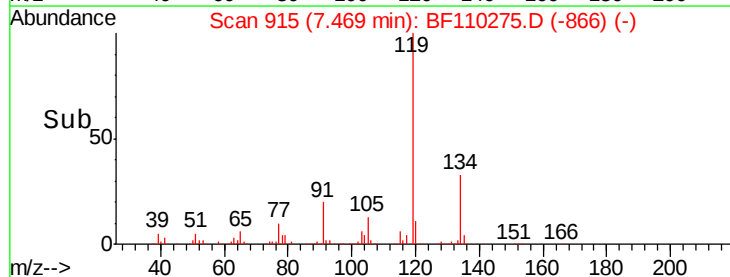


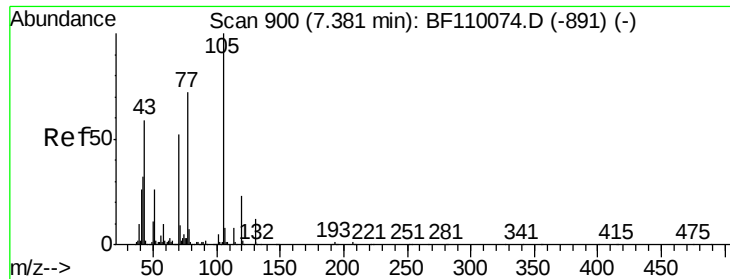
#18
Hexachloroethane
Concen: 282.833 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF110275.D
Acq: 29 Oct 2018 21:18

Tgt Ion:117 Resp: 616050
Ion Ratio Lower Upper
117 100
119 1008.8 75.0 112.6#
201 0.0 79.2 118.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

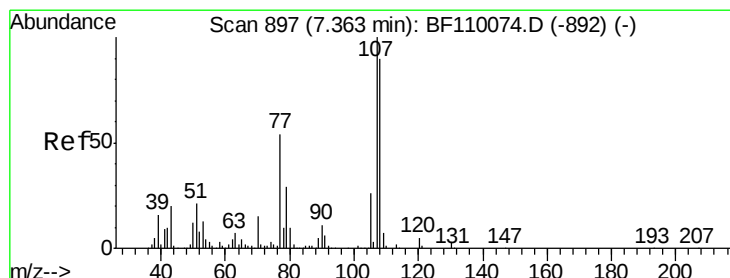
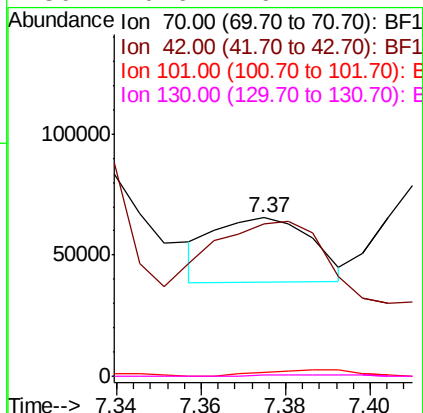
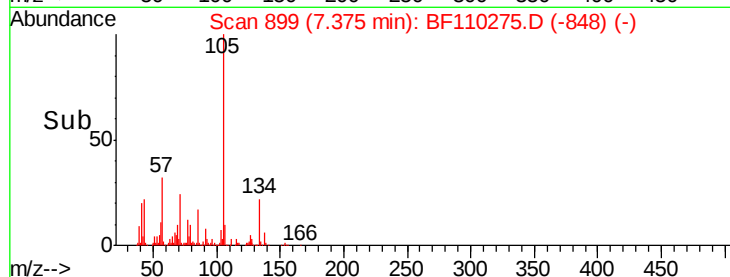
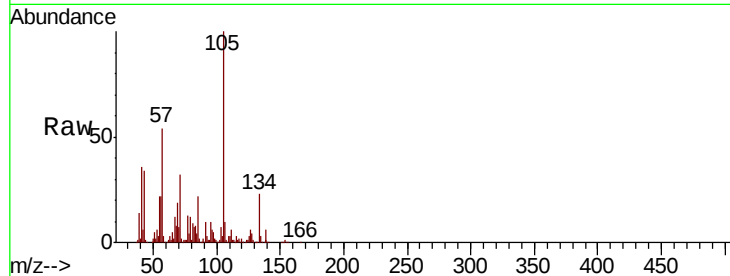




#19
n-Nitroso-di-n-propylamine
Concen: 11.168 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF110275.D
Acq: 29 Oct 2018 21:18

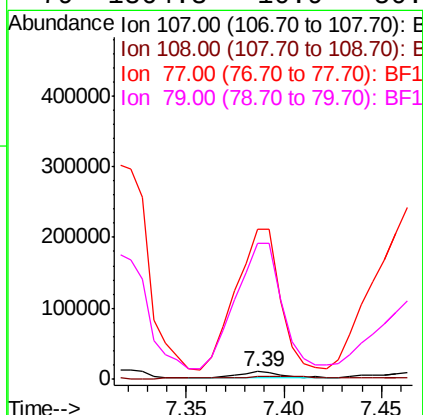
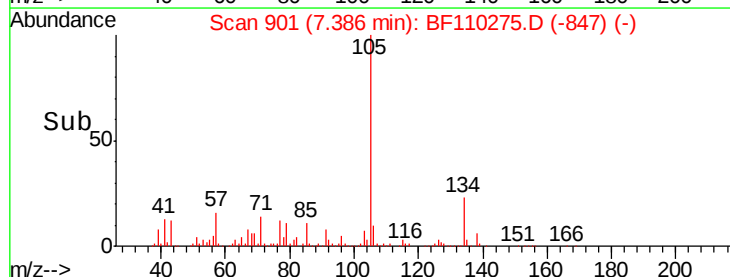
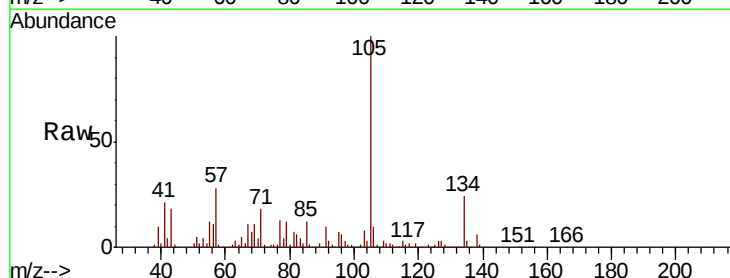
Instrument :
BNA_F
ClientSampled :

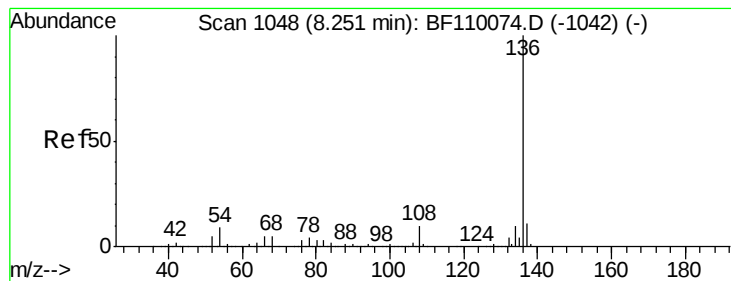
Tot Ion: 70 Resp: 42487
Ion Ratio Lower Upper
70 100
42 95.8 47.4 71.2#
101 2.4 7.3 10.9#
130 0.6 16.2 24.2#



#20
3+4-Methylphenols
Concen: 2.967 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.02 min
Lab File: BF110275.D
Acq: 29 Oct 2018 21:18

Tgt Ion:107 Resp: 16339
Ion Ratio Lower Upper
107 100
108 35.6 71.4 111.4#
77 2047.9 47.3 87.3#
79 1864.3 10.9 50.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1053

Delta R.T. 0.03 min

Lab File: BF110275.D

Acq: 29 Oct 2018 21:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 253350

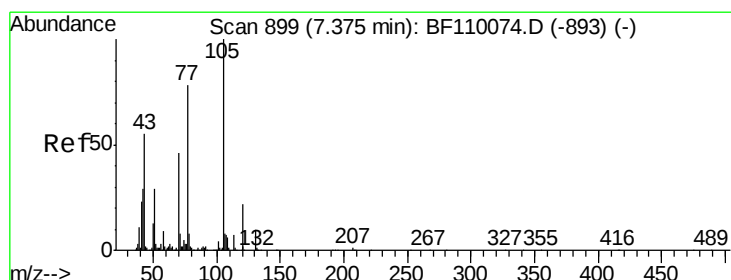
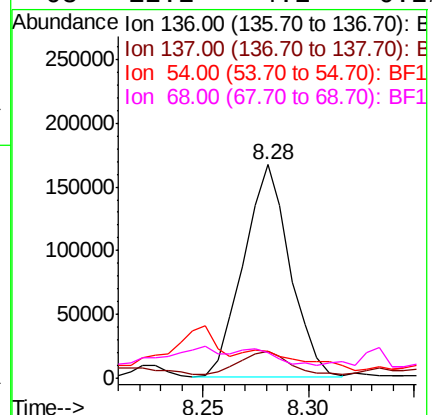
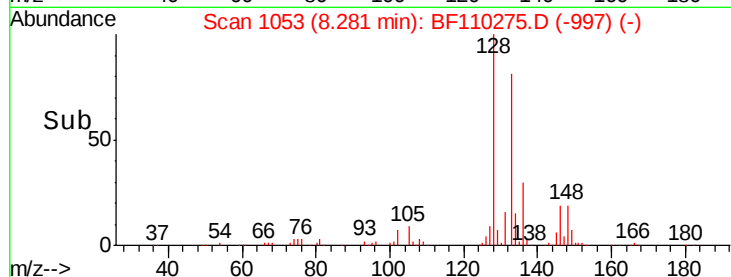
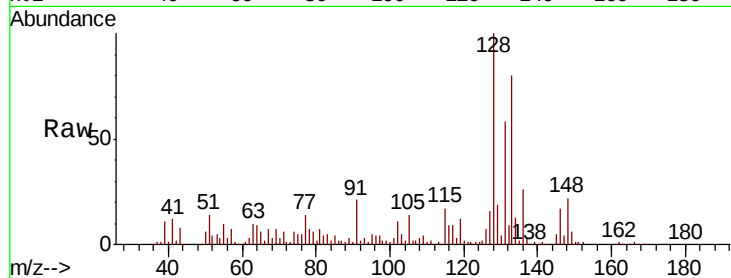
Ion Ratio Lower Upper

136 100

137 12.6 8.8 13.2

54 12.5 5.4 8.2#

68 12.2 4.2 6.2#



#22

Acetophenone

Concen: 437.166 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.01 min

Lab File: BF110275.D

Acq: 29 Oct 2018 21:18

Tgt Ion:105 Resp: 2552058

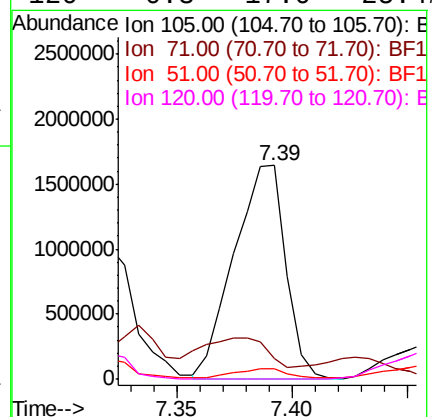
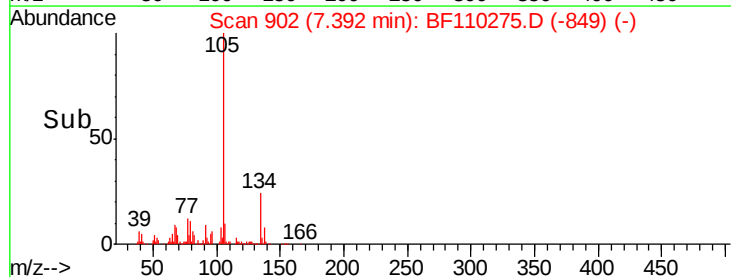
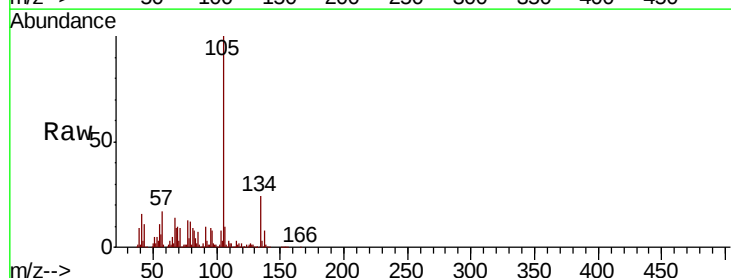
Ion Ratio Lower Upper

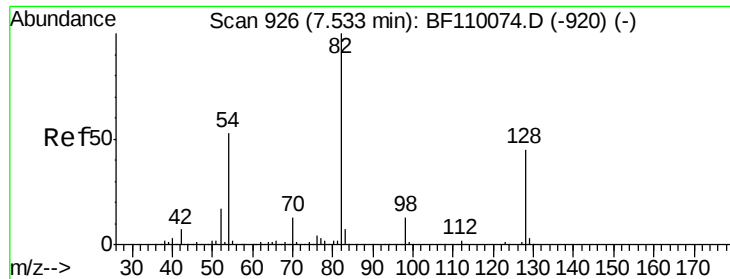
105 100

71 9.4 5.2 7.8#

51 4.7 21.8 32.8#

120 0.3 17.0 25.4#

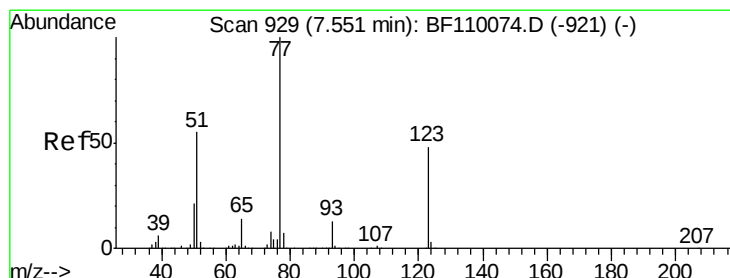
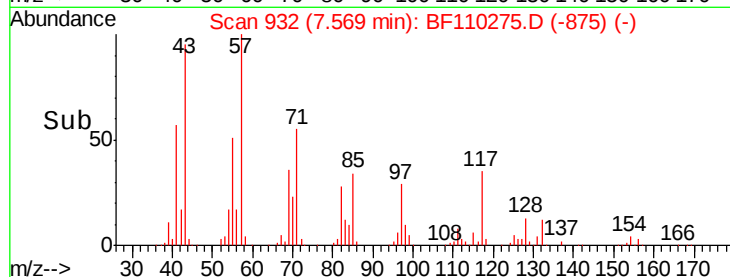
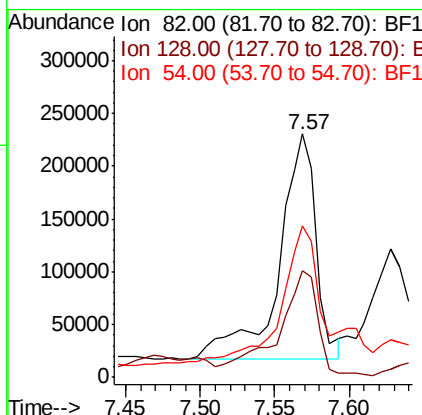
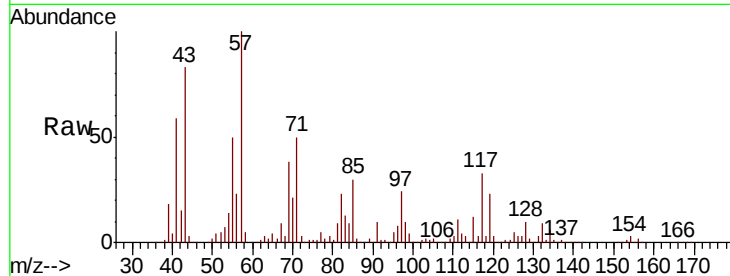




#23
 Nitrobenzene-d5
 Concen: 87.158 ng
 RT: 7.57 min Scan# 932
 Delta R.T. 0.04 min
 Lab File: BF110275.D
 Acq: 29 Oct 2018 21:18

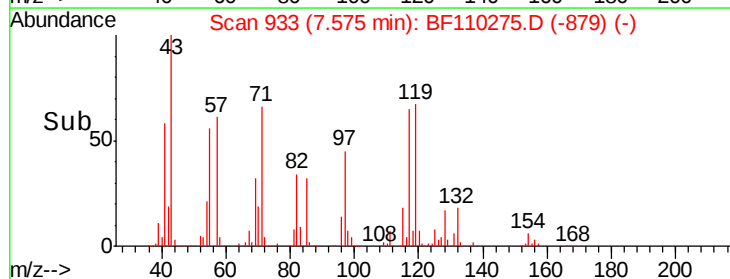
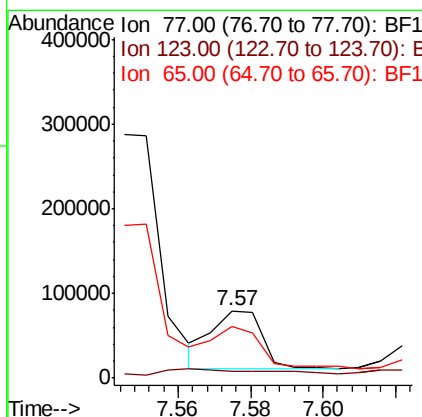
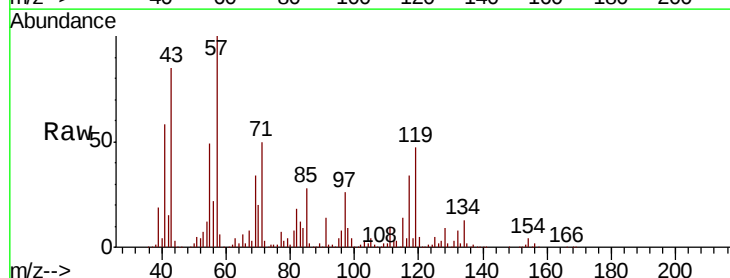
Instrument :
 BNA_F
 ClientSampleId :

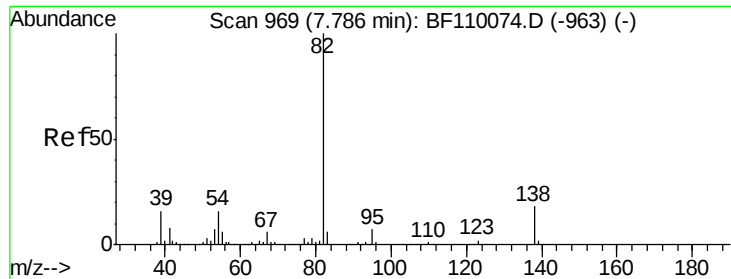
Tot Ion	82	Resp	372285
Ion Ratio	100	Lower	Upper
128	43.8	34.2	51.2
54	62.0	38.6	58.0#



#24
 Nitrobenzene
 Concen: 14.559 ng
 RT: 7.57 min Scan# 933
 Delta R.T. 0.02 min
 Lab File: BF110275.D
 Acq: 29 Oct 2018 21:18

Tgt Ion	77	Resp	64202
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
123	10.4	35.7	53.5#
65	77.1	10.7	16.1#

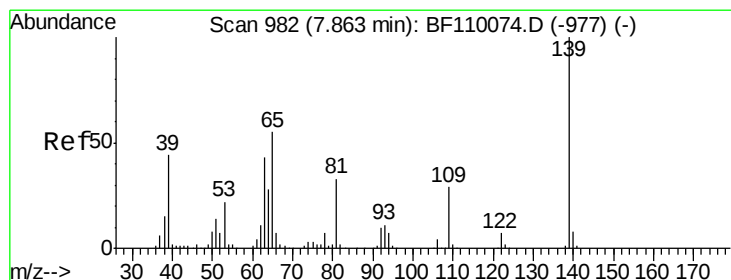
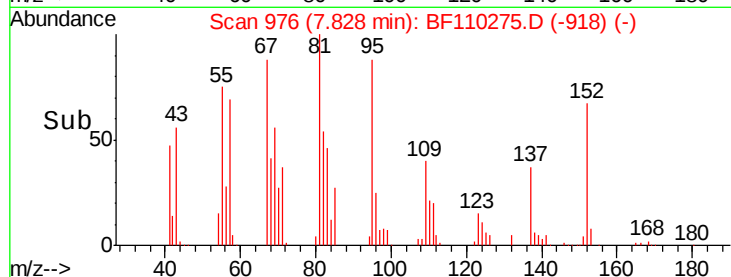
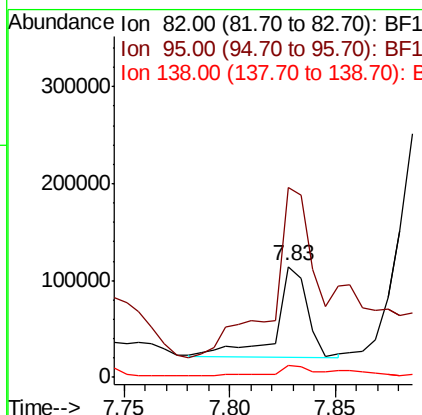
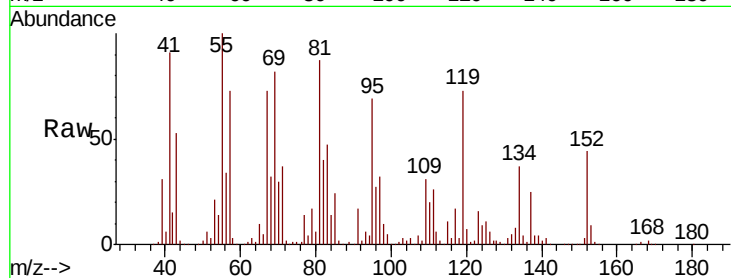




#25
Isophorone
Concen: 13.185 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.04 min
Lab File: BF110275.D
Acq: 29 Oct 2018 21:18

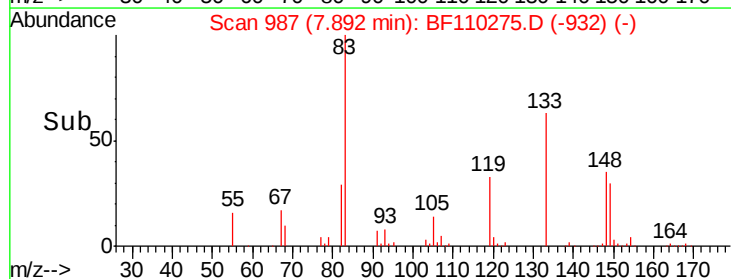
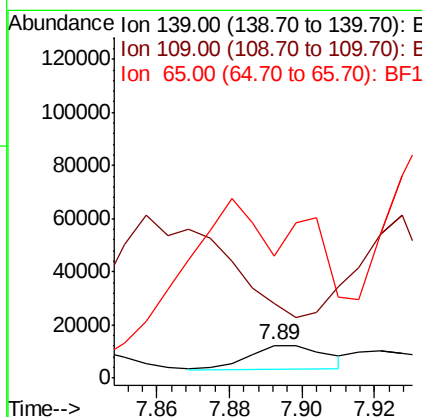
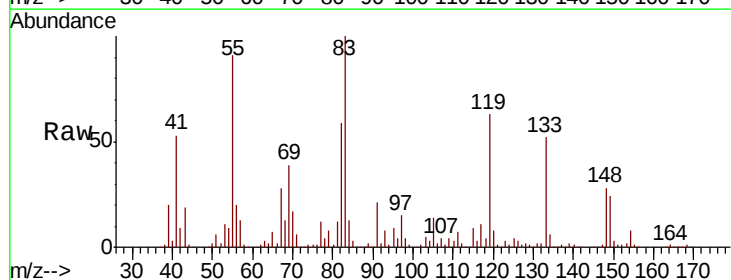
Instrument :
BNA_F
ClientSampleId :

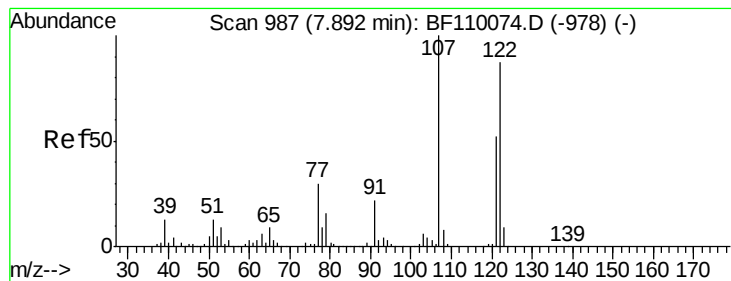
Tot Ion: 82 Resp: 96003
Ion Ratio Lower Upper
82 100
95 170.3 5.7 8.5#
138 10.9 13.2 19.8#



#26
2-Nitrophenol
Concen: 6.446 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.02 min
Lab File: BF110275.D
Acq: 29 Oct 2018 21:18

Tgt Ion: 139 Resp: 13527
Ion Ratio Lower Upper
139 100
109 226.3 25.0 37.6#
65 372.6 44.0 66.0#





#27

2,4-Dimethylphenol

Concen: 13.088 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.02 min

Lab File: BF110275.D

Acq: 29 Oct 2018 21:18

Instrument :

BNA_F

ClientSampleId :

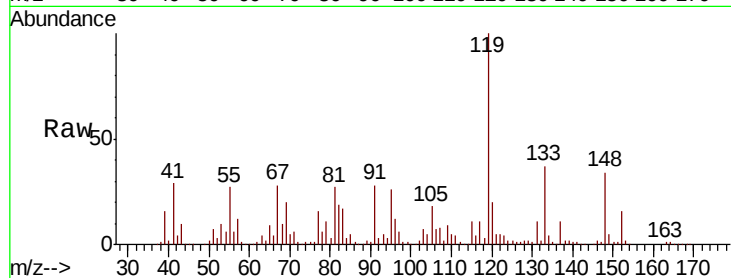
Tot Ion:122 Resp: 45536

Ion Ratio Lower Upper

122 100

107 162.8 92.5 138.7#

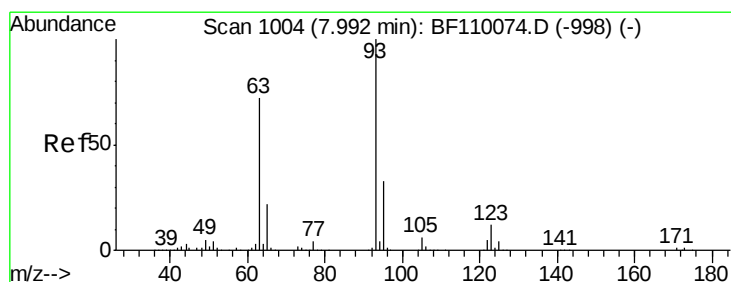
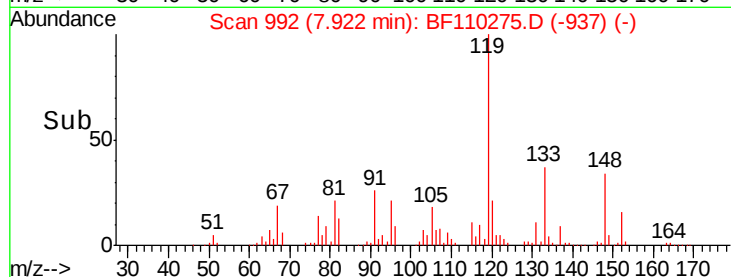
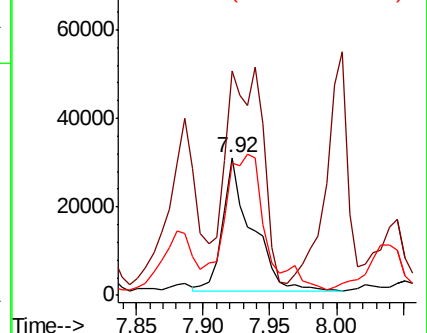
121 96.3 45.8 68.8#



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: 9.945 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.04 min

Lab File: BF110275.D

Acq: 29 Oct 2018 21:18

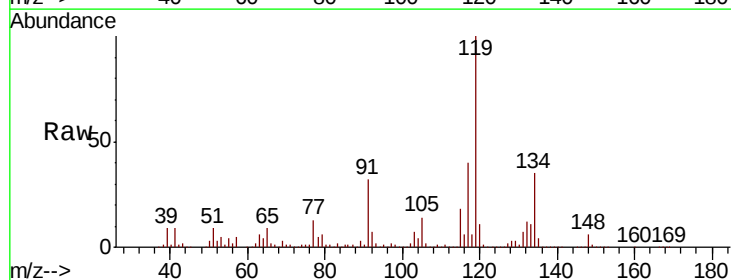
Tgt Ion: 93 Resp: 49189

Ion Ratio Lower Upper

93 100

95 29.7 26.4 39.6

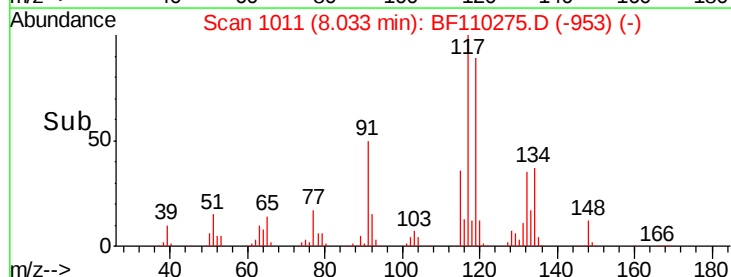
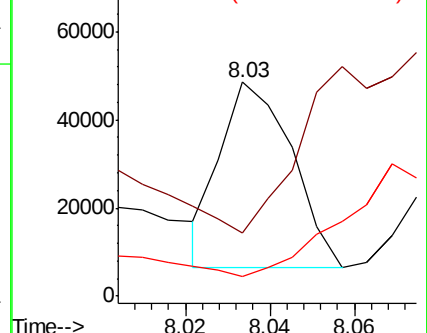
123 9.0 9.0 13.6#

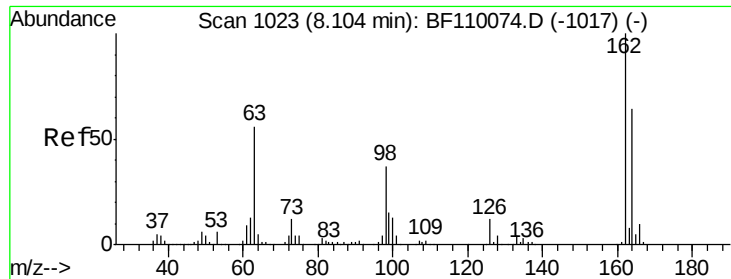


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

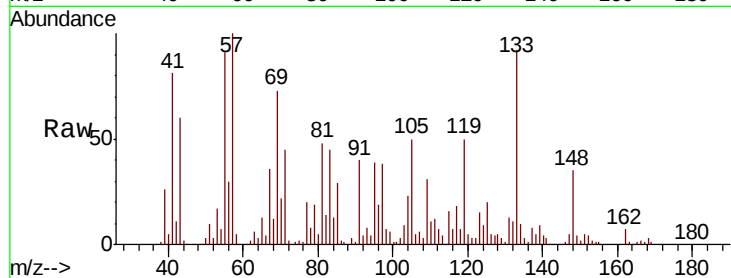




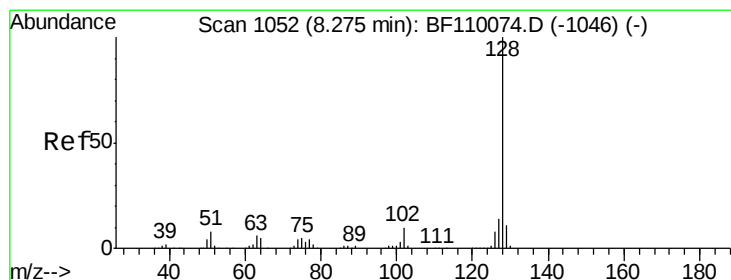
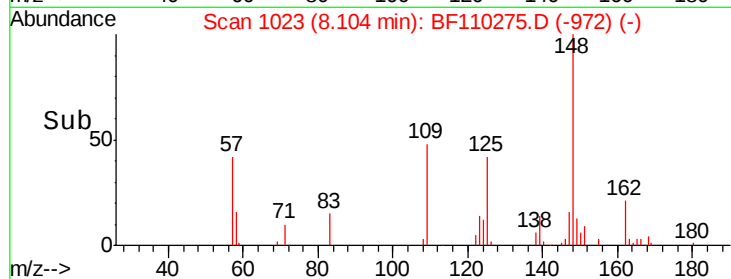
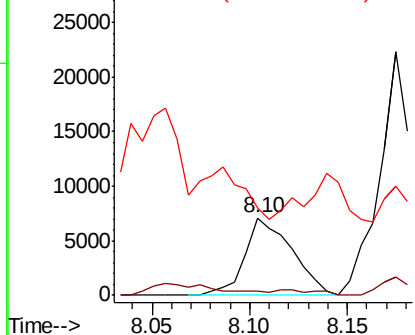
#29
2,4-Dichlorophenol
Concen: 3.372 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF110275.D
Acq: 29 Oct 2018 21:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 11854
Ion Ratio Lower Upper
162 100
164 5.0 44.6 84.6#
98 113.4 17.4 57.4#

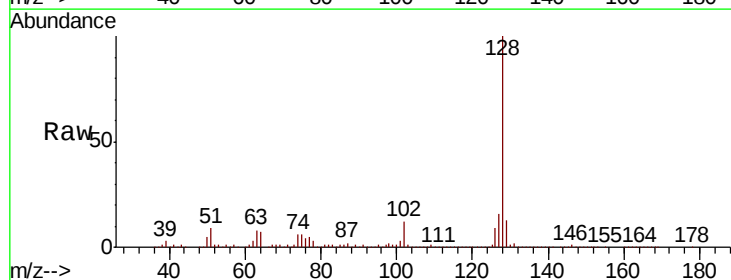


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

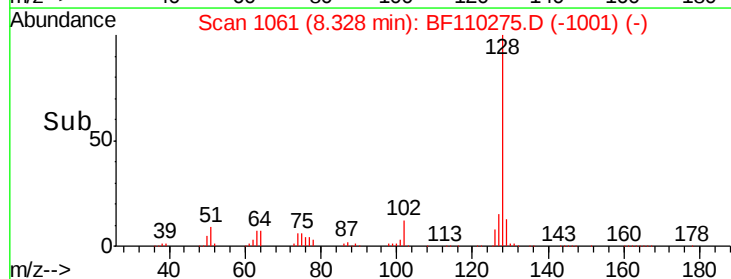
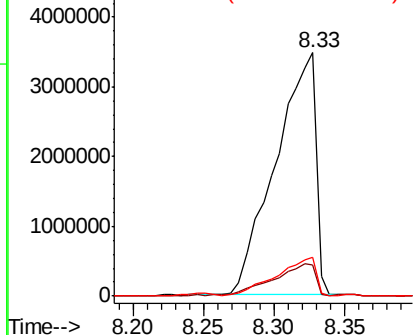


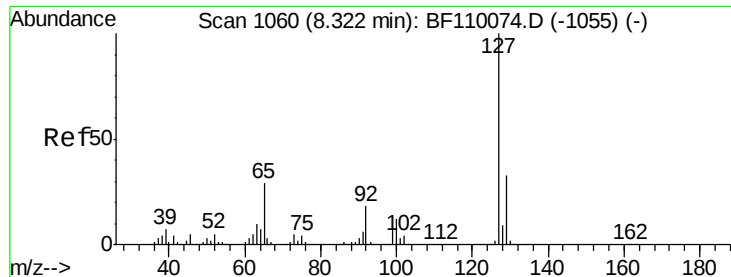
#31
Naphthalene
Concen: 596.723 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.05 min
Lab File: BF110275.D
Acq: 29 Oct 2018 21:18

Tgt Ion:128 Resp: 6967700
Ion Ratio Lower Upper
128 100
129 13.0 8.8 13.2
127 16.0 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

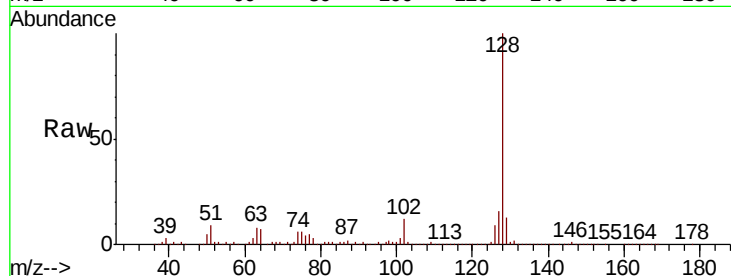




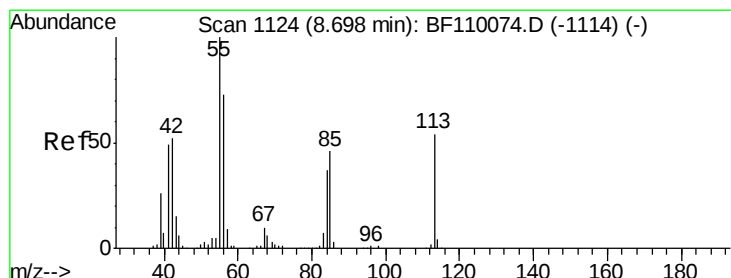
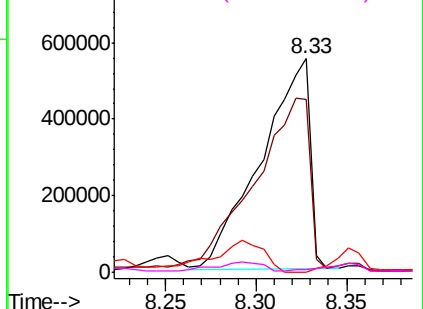
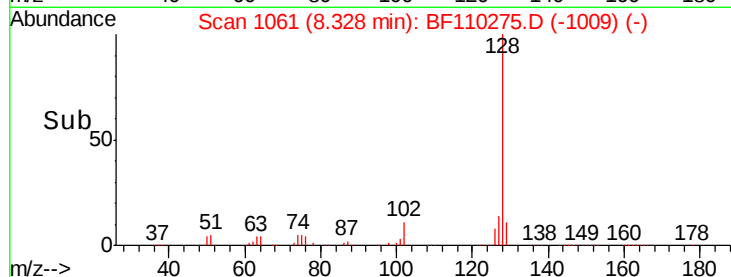
#33
4-Chloroaniline
Concen: 197.152 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BF110275.D
Acq: 29 Oct 2018 21:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 1036060
Ion Ratio Lower Upper
127 100
129 81.0 26.0 39.0#
65 0.0 25.1 37.7#
92 0.9 15.0 22.6#

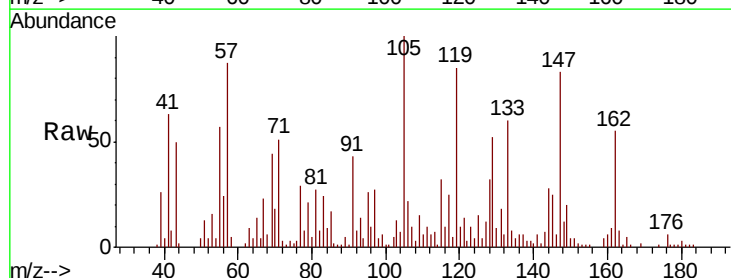


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

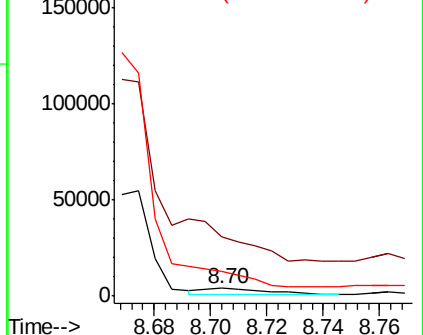
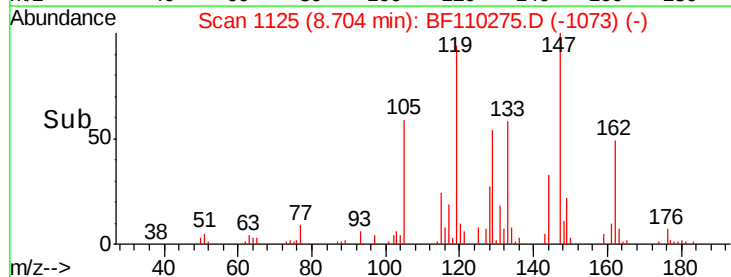


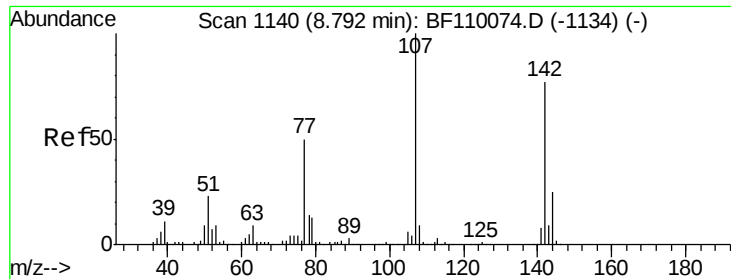
#35
Caprolactam
Concen: 4.259 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.01 min
Lab File: BF110275.D
Acq: 29 Oct 2018 21:18

Tgt Ion:113 Resp: 5218
Ion Ratio Lower Upper
113 100
55 779.2 142.8 182.8#
56 328.6 105.0 145.0#



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

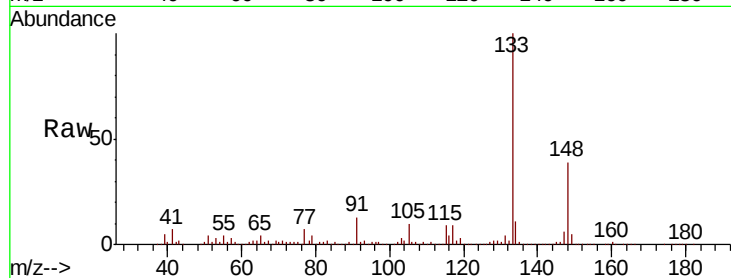




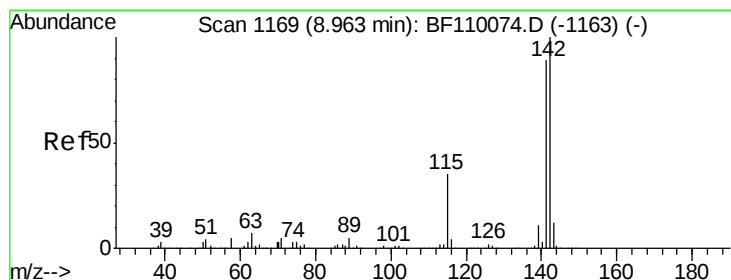
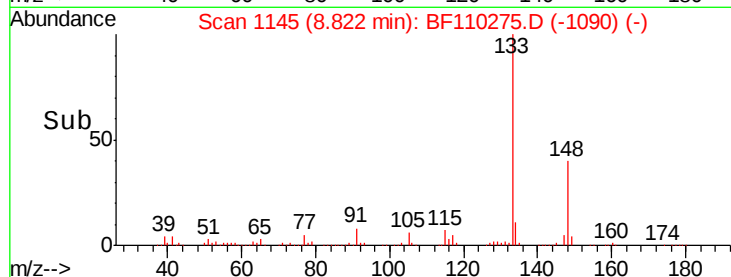
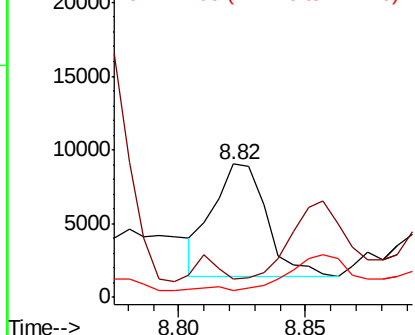
#36
 4-Chloro-3-methylphenol
 Concen: 2.961 ng
 RT: 8.82 min Scan# 1145
 Delta R.T. 0.02 min
 Lab File: BF110275.D
 Acq: 29 Oct 2018 21:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:107 Resp: 11256
 Ion Ratio Lower Upper
 107 100
 144 13.5 20.0 30.0#
 142 5.5 59.7 89.5#

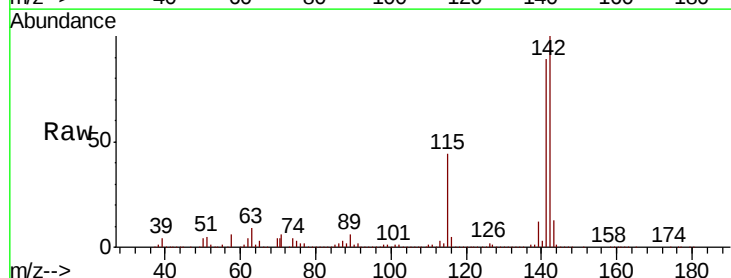


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

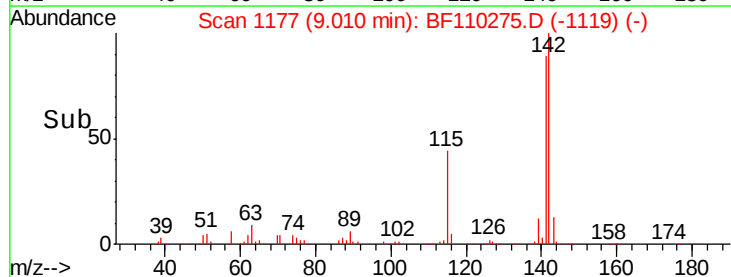
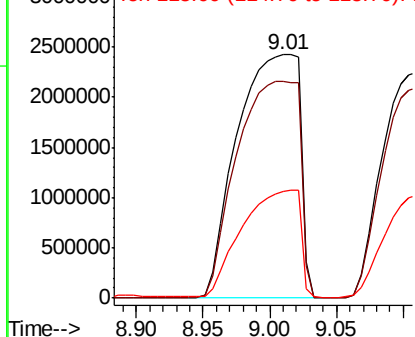


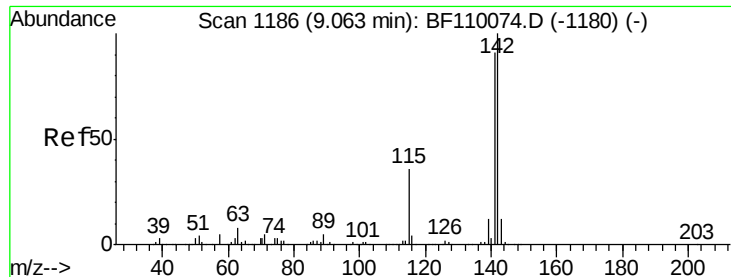
#37
 2-Methylnaphthalene
 Concen: 1027.464 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.04 min
 Lab File: BF110275.D
 Acq: 29 Oct 2018 21:18

Tgt Ion:142 Resp: 7937793
 Ion Ratio Lower Upper
 142 100
 141 89.2 71.4 107.2
 115 43.7 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

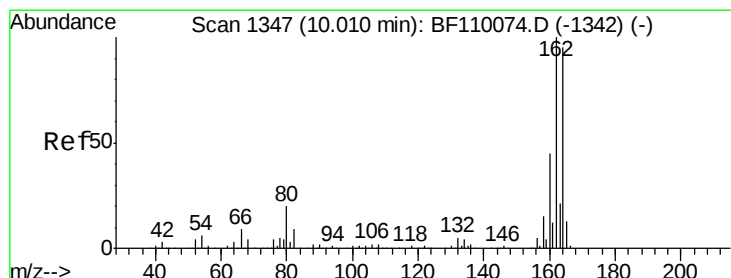
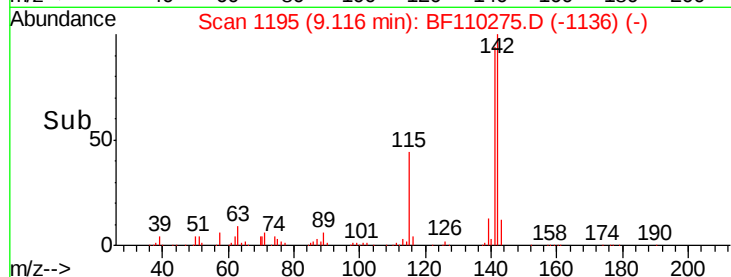
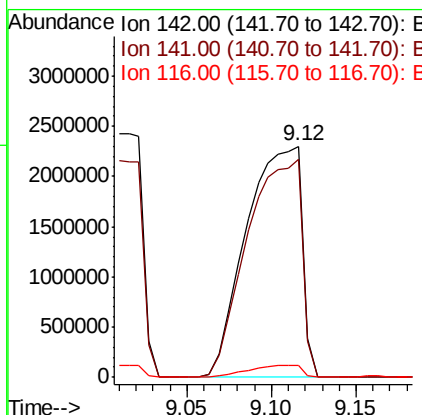
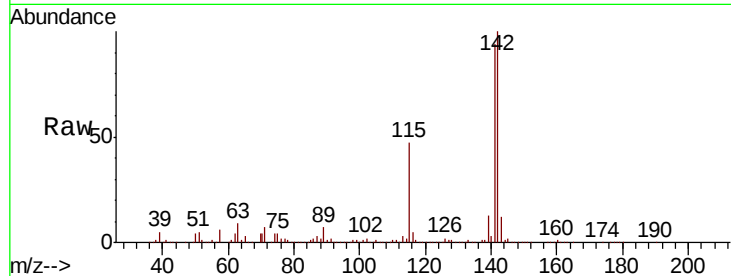




#38
1-Methylnaphthalene
Concen: 702.569 ng
RT: 9.12 min Scan# 1195
Delta R.T. 0.05 min
Lab File: BF110275.D
Acq: 29 Oct 2018 21:18

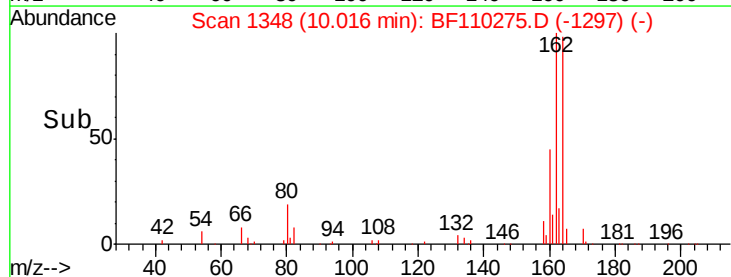
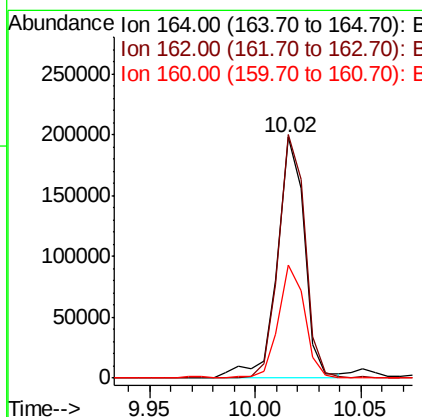
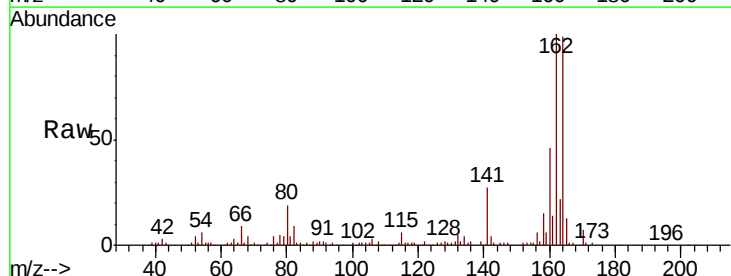
Instrument :
BNA_F
ClientSampleId :

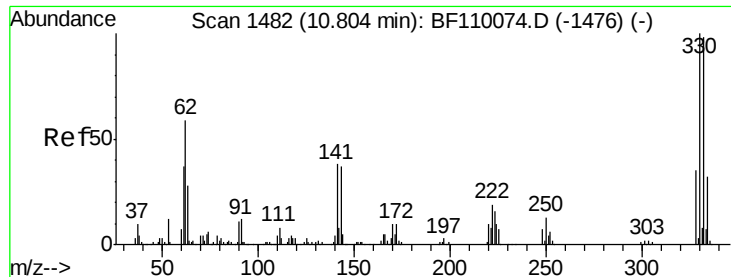
Tot Ion:142 Resp: 5245232
Ion Ratio Lower Upper
142 100
141 94.2 74.2 111.4
116 5.0 2.6 4.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF110275.D
Acq: 29 Oct 2018 21:18

Tgt Ion:164 Resp: 178742
Ion Ratio Lower Upper
164 100
162 101.2 83.0 124.6
160 46.9 37.0 55.6

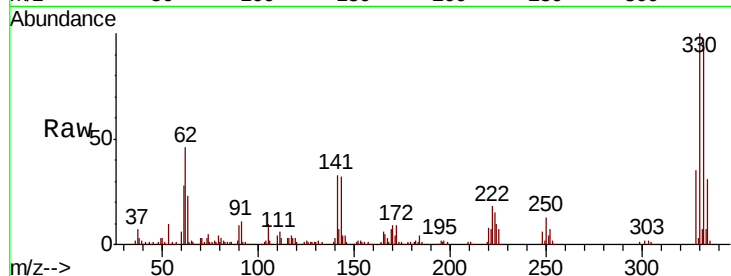




#42
 2,4,6-Tribromophenol
 Concen: 79.184 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF110275.D
 Acq: 29 Oct 2018 21:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.1	115.7
141	45.6	27.0	40.4

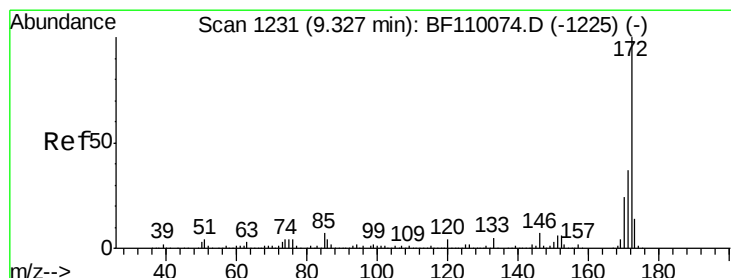
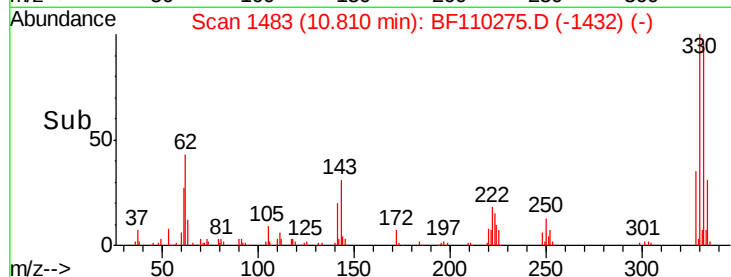
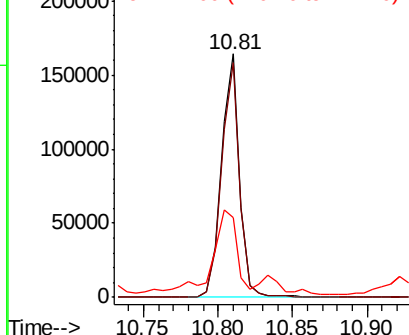


Abundance

Ion 329.80 (329.50 to 330.50): E

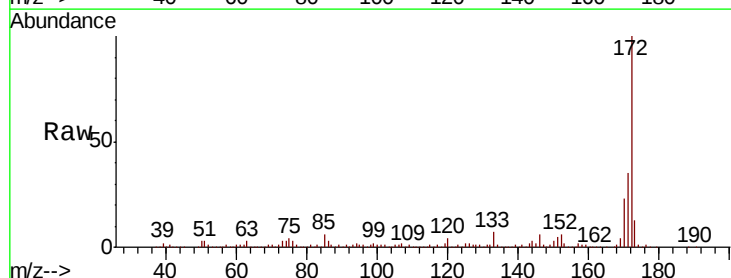
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 76.503 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.01 min
 Lab File: BF110275.D
 Acq: 29 Oct 2018 21:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	43.0
170	23.3	19.7	29.5

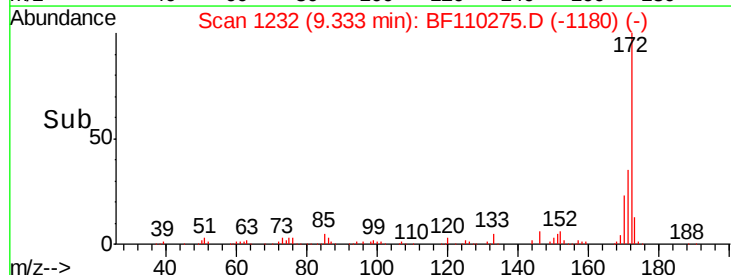
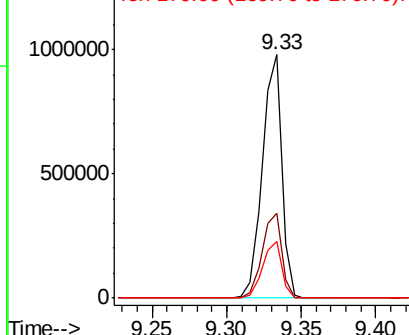


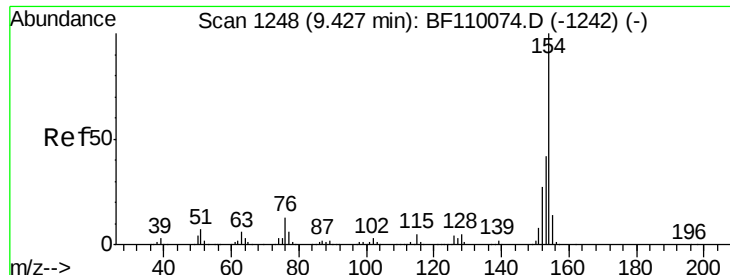
Abundance

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

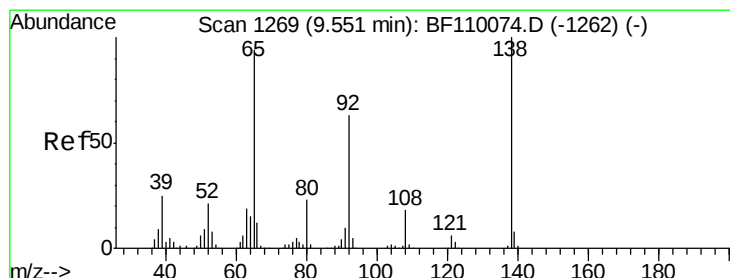
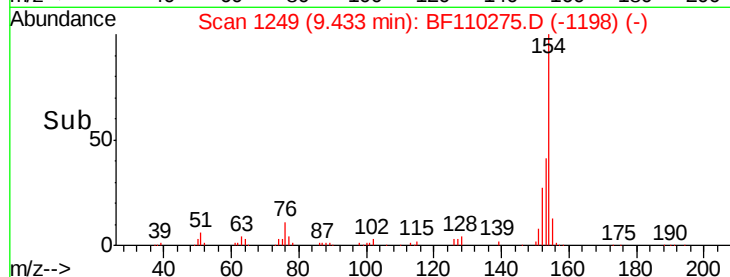
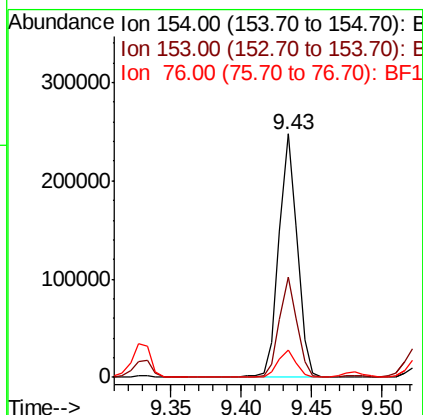
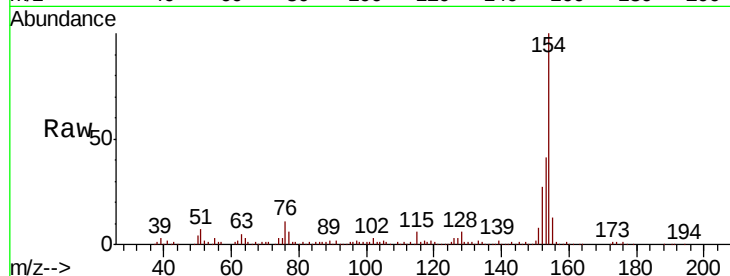




#46
 1,1'-Biphenyl
 Concen: 13.982 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BF110275.D
 Acq: 29 Oct 2018 21:18

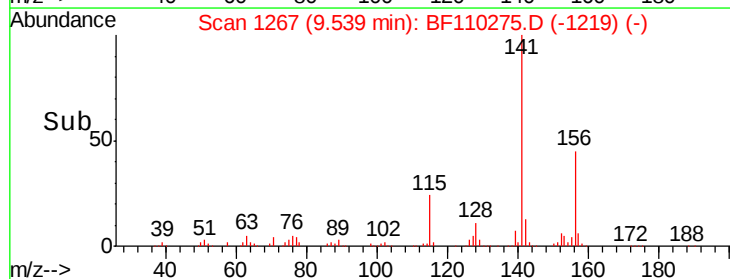
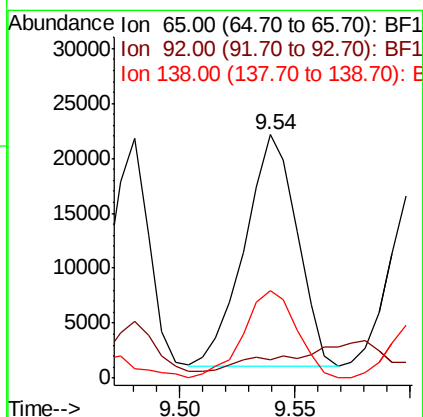
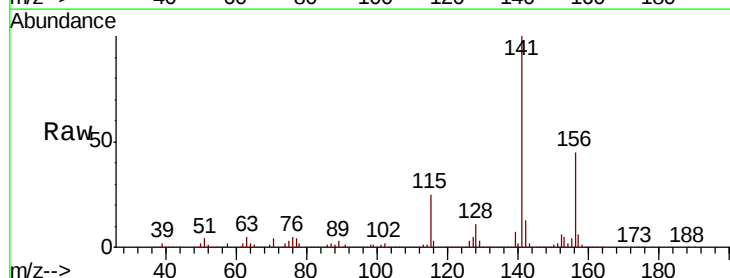
Instrument :
 BNA_F
 ClientSampleId :

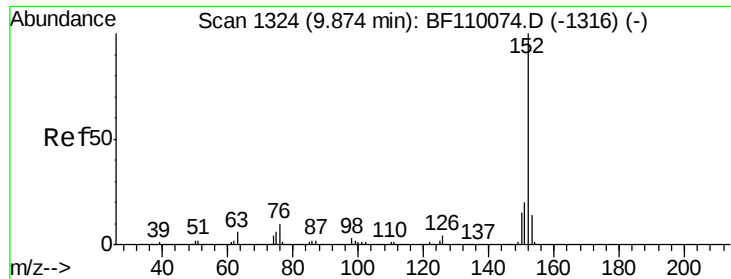
Tot Ion:154 Resp: 226000
 Ion Ratio Lower Upper
 154 100
 153 41.0 20.4 60.4
 76 11.3 0.0 31.9



#48
 2-Nitroaniline
 Concen: 9.326 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.02 min
 Lab File: BF110275.D
 Acq: 29 Oct 2018 21:18

Tgt Ion: 65 Resp: 33507
 Ion Ratio Lower Upper
 65 100
 92 7.5 54.6 81.8#
 138 35.9 80.3 120.5#

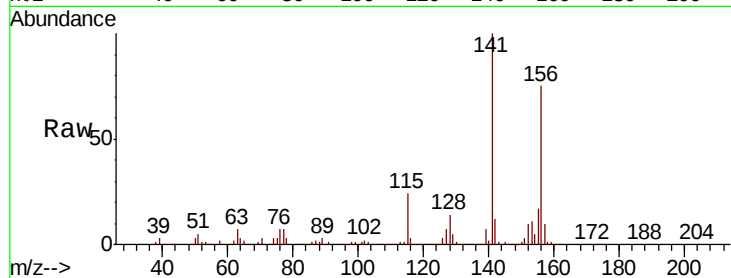




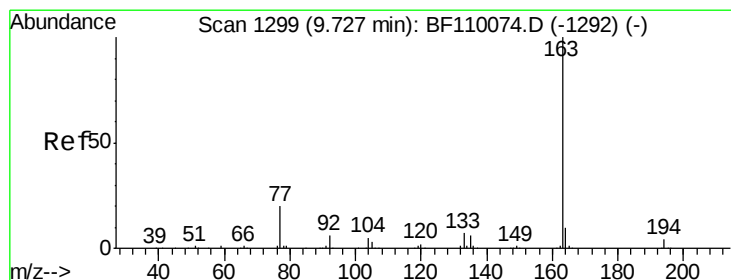
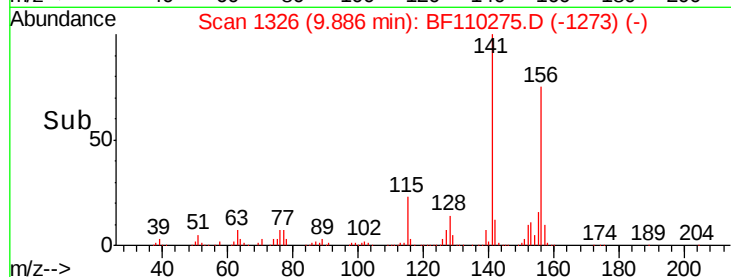
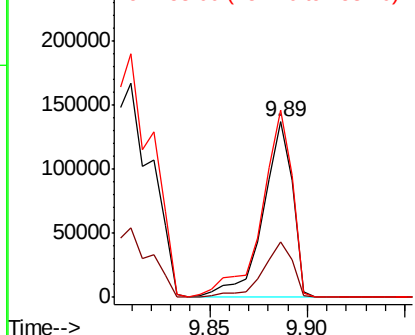
#49
Acenaphthylene
Concen: 8.327 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF110275.D
Acq: 29 Oct 2018 21:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 142592
Ion Ratio Lower Upper
152 100
151 31.9 15.8 23.8#
153 106.6 10.4 15.6#

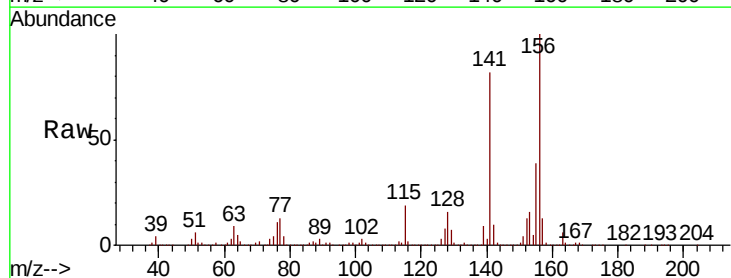


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

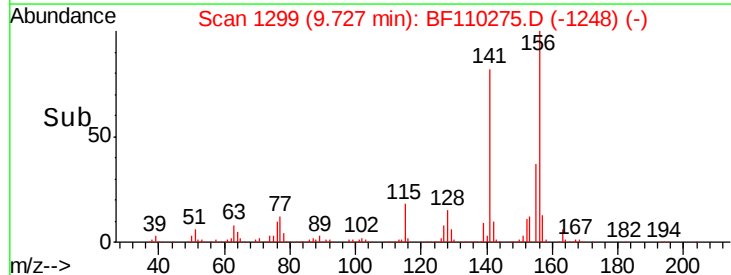
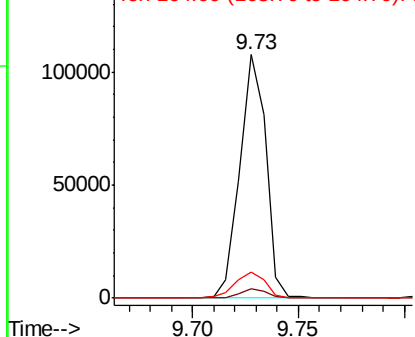


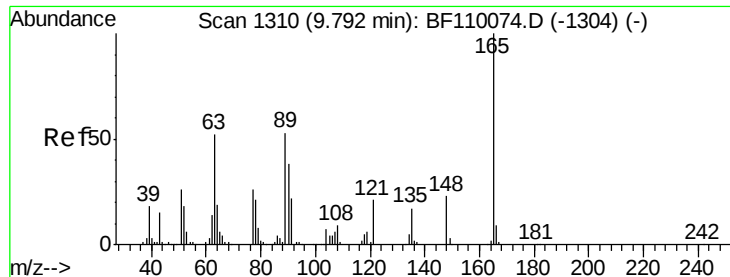
#50
Dimethylphthalate
Concen: 6.991 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF110275.D
Acq: 29 Oct 2018 21:18

Tgt Ion:163 Resp: 92239
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.8 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

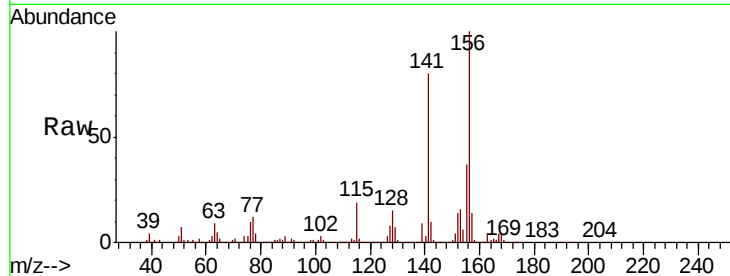




#51
 2,6-Dinitrotoluene
 Concen: 6.208 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.07 min
 Lab File: BF110275.D
 Acq: 29 Oct 2018 21:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	496.4	48.9	73.3#
89	197.8	46.6	69.8#

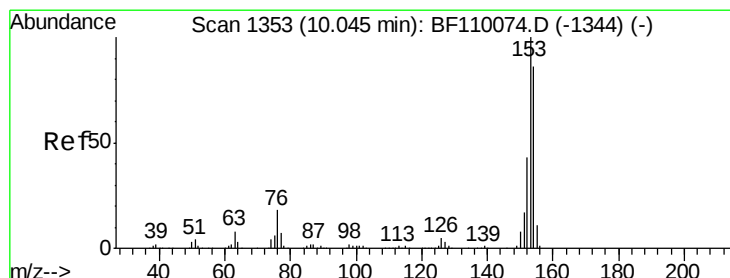
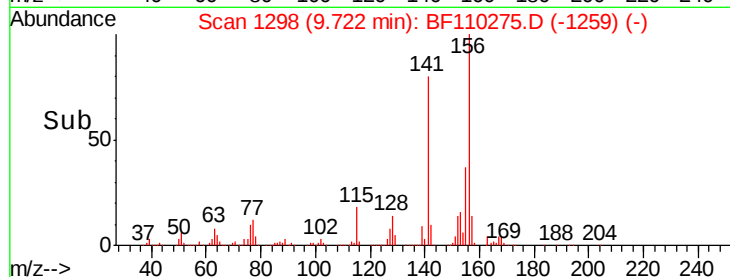
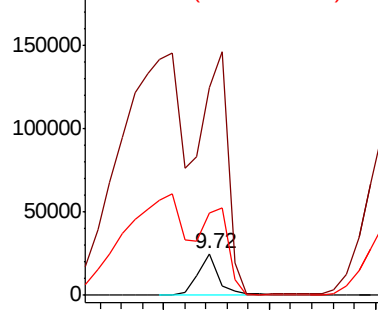


Abundance

Ion 165.00 (164.70 to 165.70): E

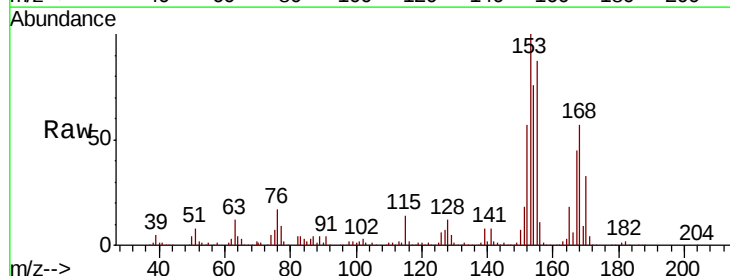
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
 Acenaphthene
 Concen: 16.581 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: BF110275.D
 Acq: 29 Oct 2018 21:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	131.9	90.1	135.1
152	75.0	43.4	65.2#

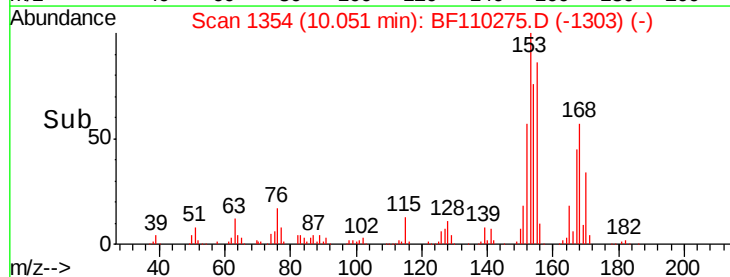
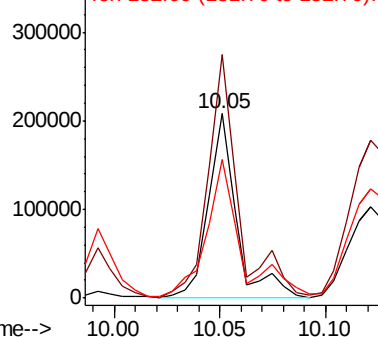


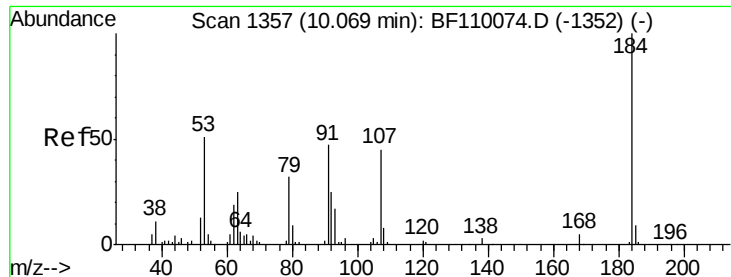
Abundance

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

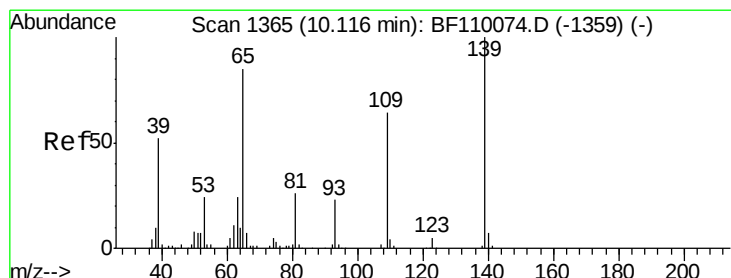
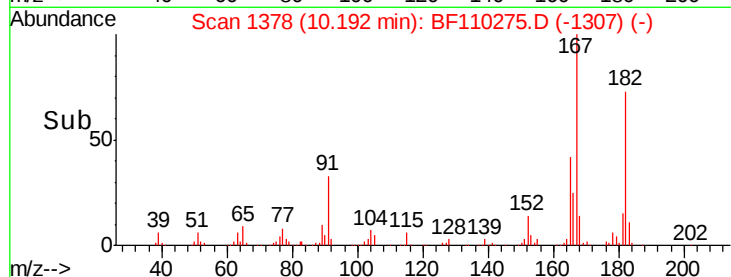
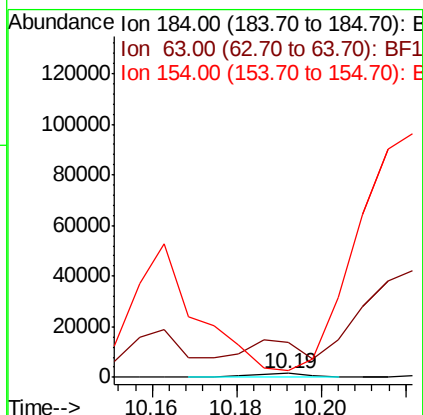
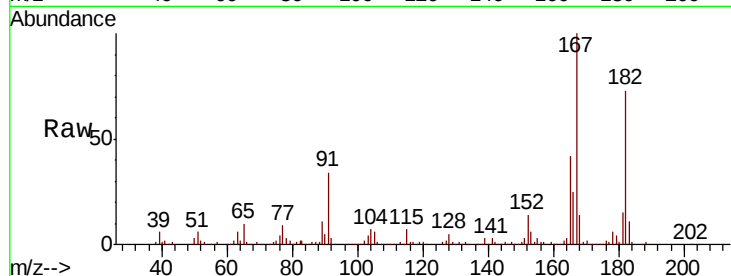




#54
2,4-Dinitrophenol
Concen: 6.314 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.12 min
Lab File: BF110275.D
Acq: 29 Oct 2018 21:18

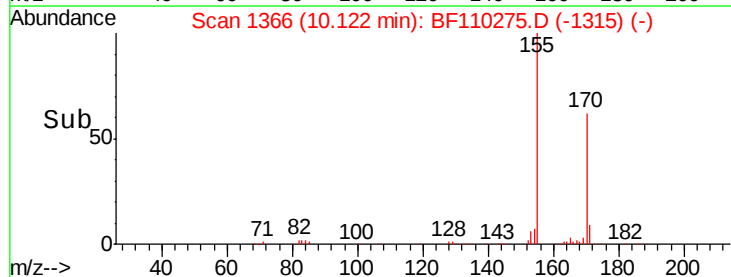
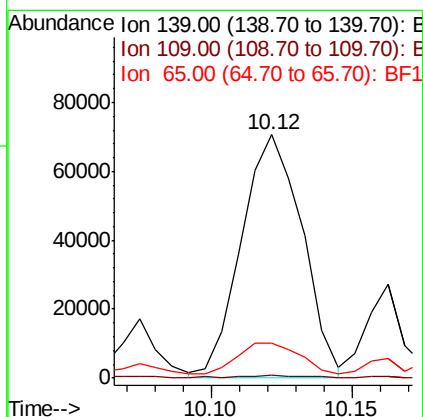
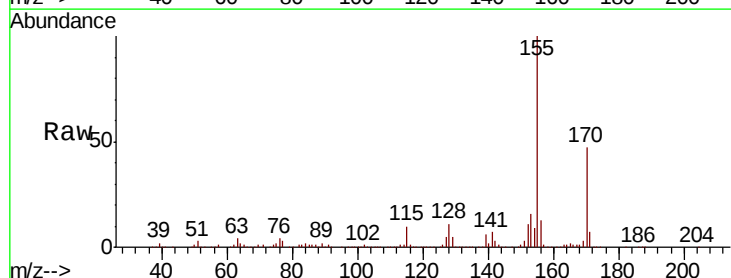
Instrument :
BNA_F
ClientSampleId :

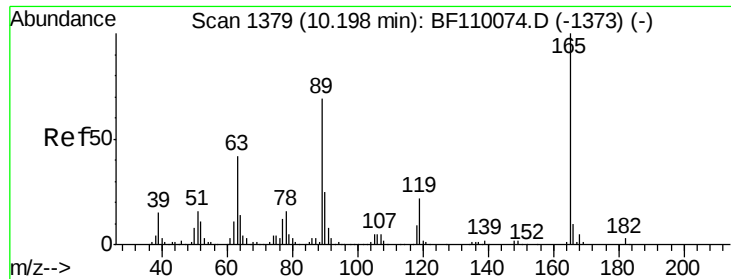
Tot Ion:184 Resp: 1374
Ion Ratio Lower Upper
184 100
63 884.0 55.8 83.6#
154 179.2 63.2 94.8#



#56
4-Nitrophenol
Concen: 42.219 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF110275.D
Acq: 29 Oct 2018 21:18

Tgt Ion:139 Resp: 105609
Ion Ratio Lower Upper
139 100
109 1.1 55.8 95.8#
65 14.4 77.9 117.9#

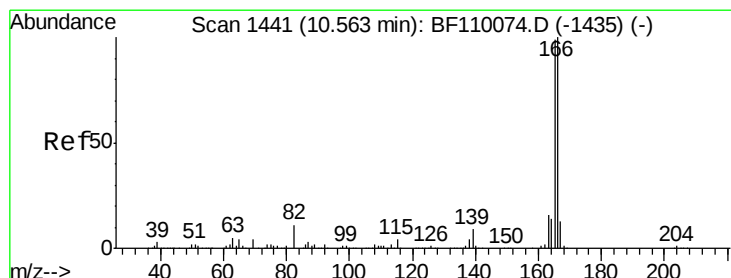
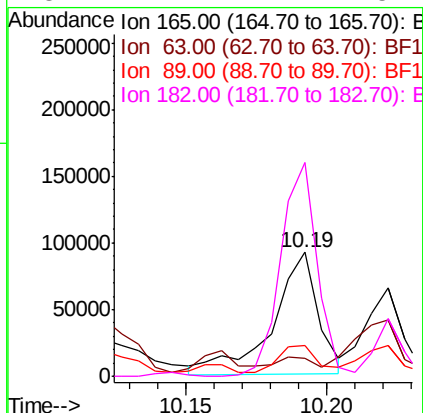
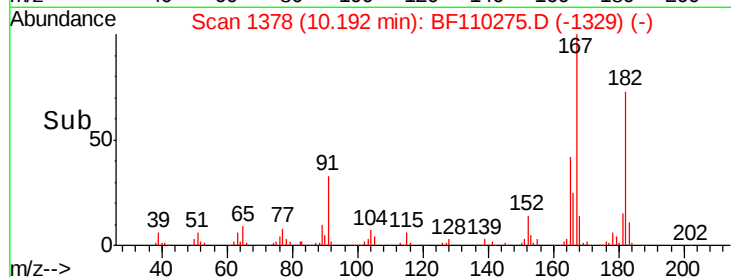
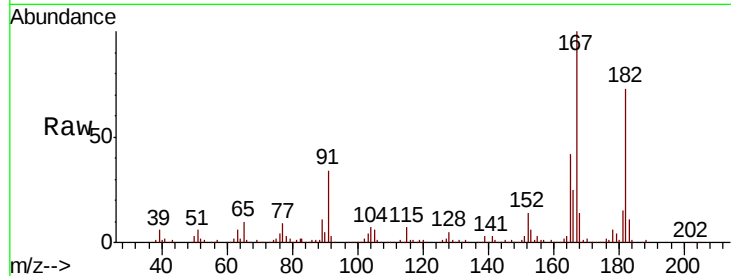




#57
2,4-Dinitrotoluene
Concen: 28.393 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF110275.D
Acq: 29 Oct 2018 21:18

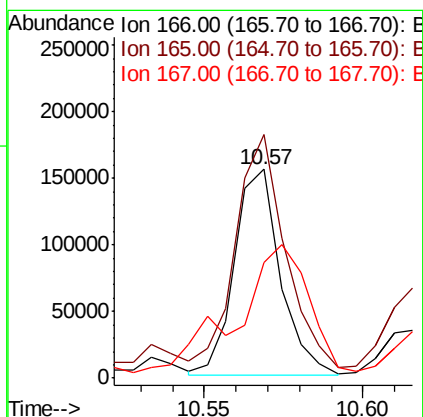
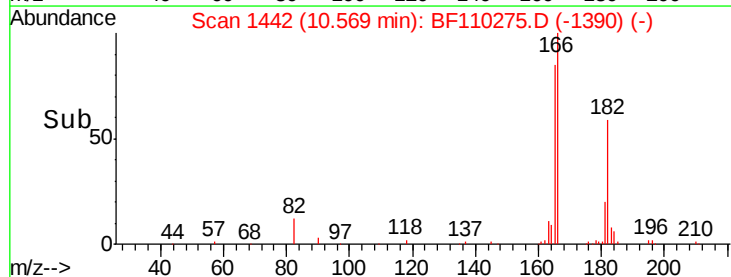
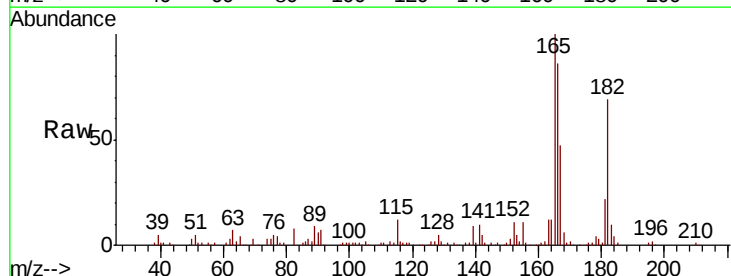
Instrument :
BNA_F
ClientSampled :

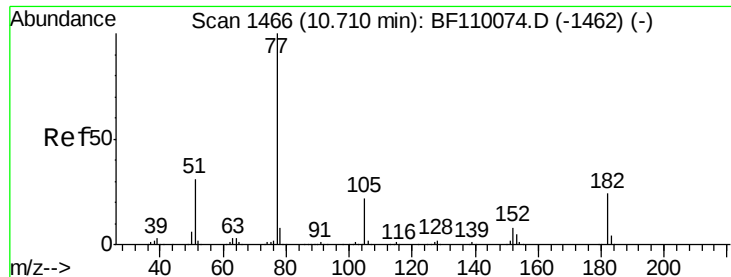
Tot Ion	Ratio	Lower	Upper
165	100		
63	14.7	44.8	67.2#
89	25.1	62.2	93.4#
182	172.7	2.1	3.1#



#58
Fluorene
Concen: 13.119 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF110275.D
Acq: 29 Oct 2018 21:18

Tgt Ion	Ratio	Lower	Upper
166	100		
165	116.7	78.6	117.8
167	55.1	10.8	16.2#

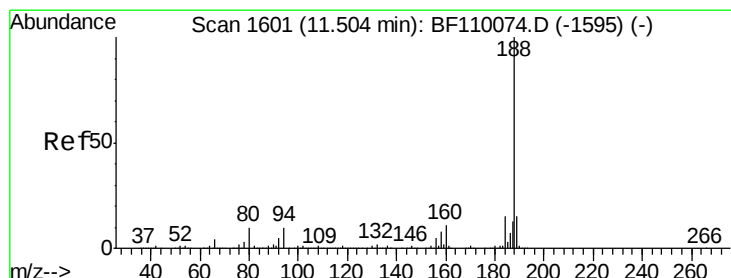
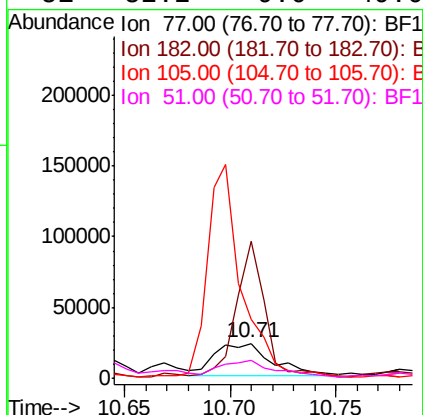
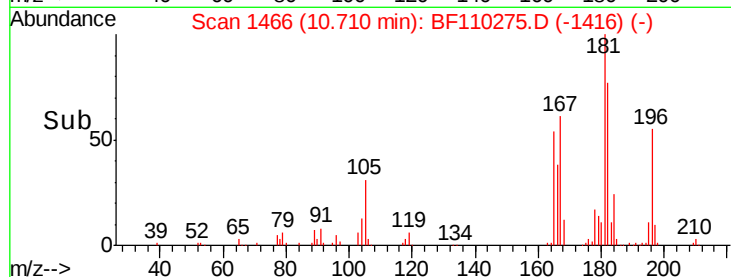
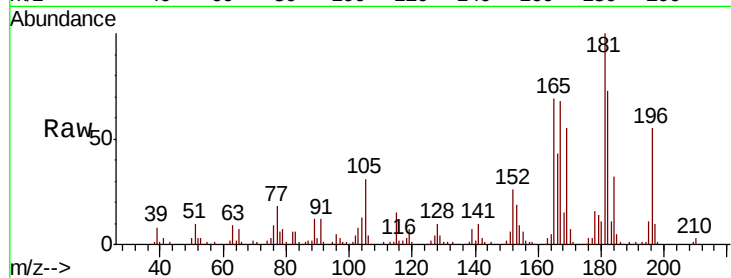




#63
Azobenzene
Concen: 3.421 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF110275.D
Acq: 29 Oct 2018 21:18

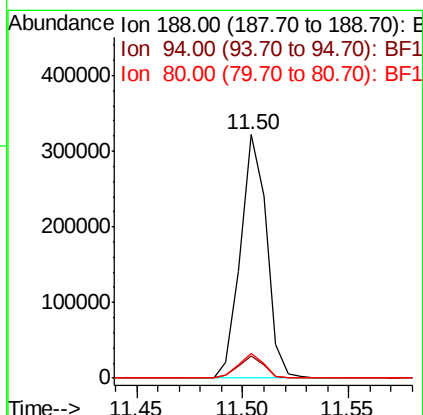
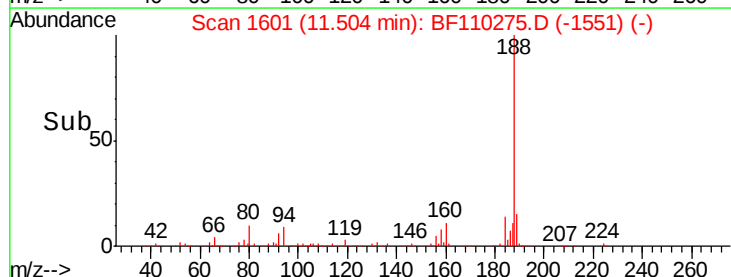
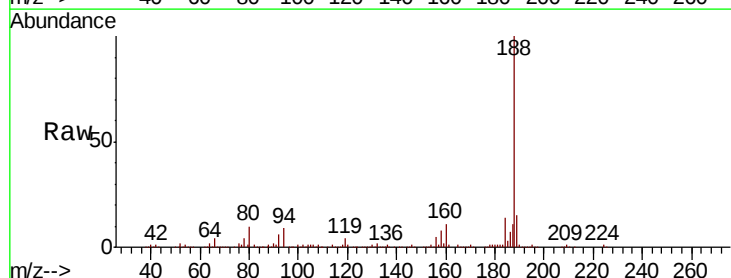
Instrument :
BNA_F
ClientSampled :

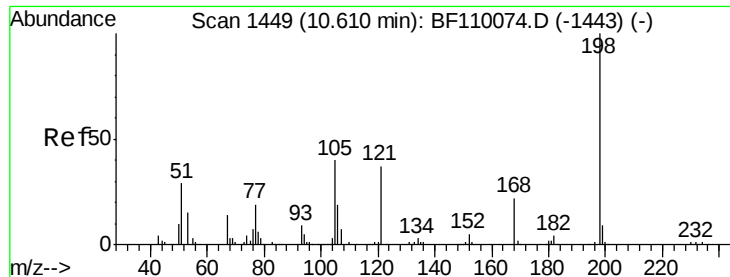
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	395.1	4.3	44.3#	
105	169.0	1.3	41.3#	
51	52.2	9.0	49.0#	



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110275.D
Acq: 29 Oct 2018 21:18

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.3	7.2	10.8	
80	10.3	7.9	11.9	

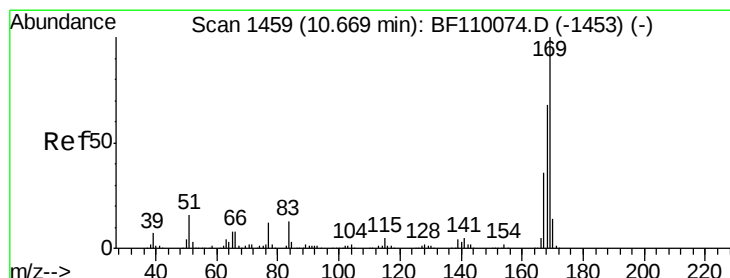
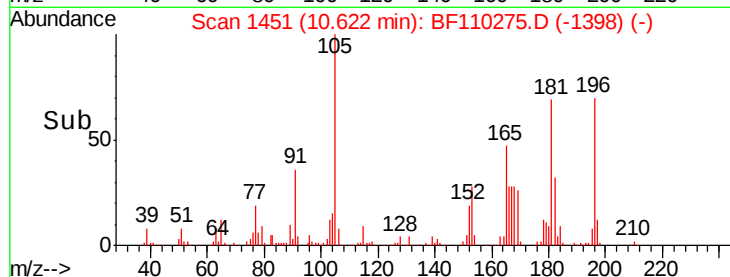
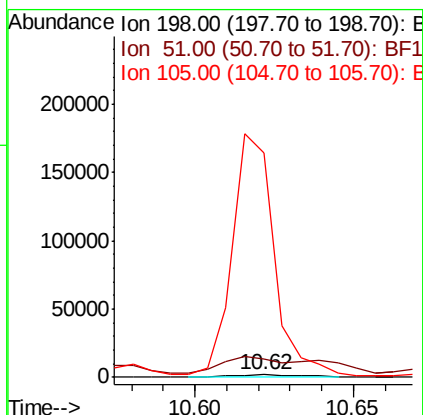
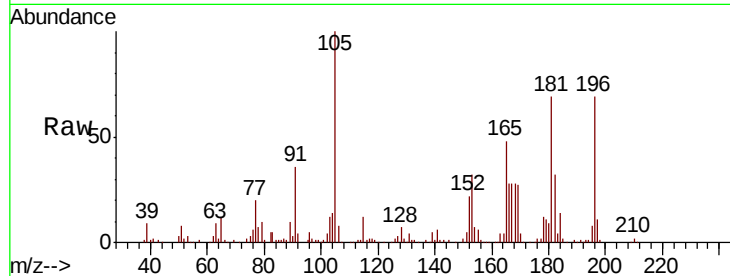




#65
4,6-Dinitro-2-methylphenol
Concen: 2.016 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BF110275.D
Acq: 29 Oct 2018 21:18

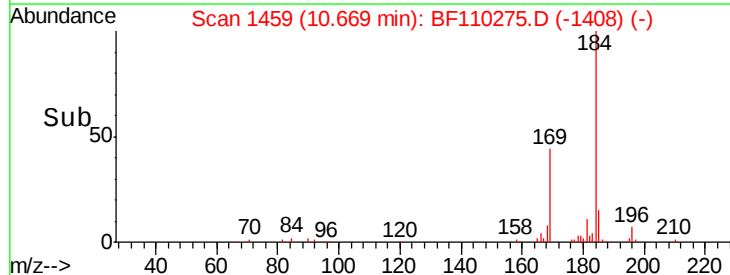
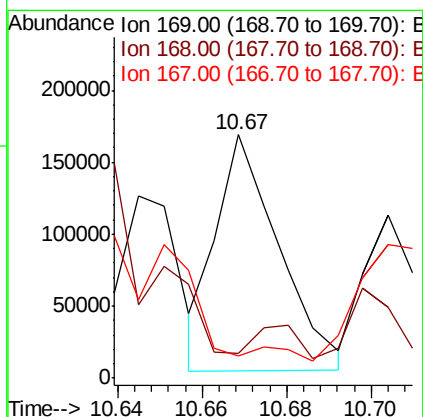
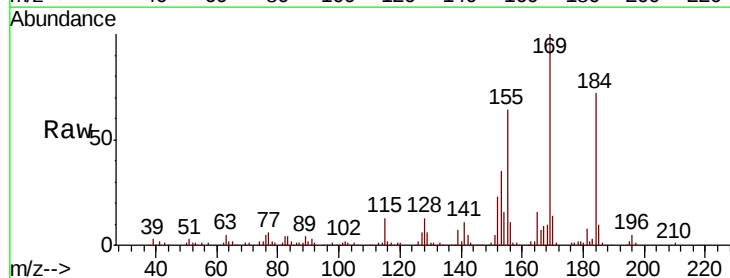
Instrument :
BNA_F
ClientSampleId :

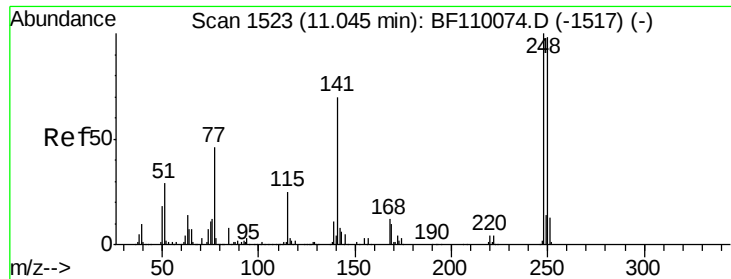
Tot Ion:198 Resp: 2545
Ion Ratio Lower Upper
198 100
51 741.2 22.8 62.8#
105 8833.2 23.6 63.6#



#66
n-Nitrosodiphenylamine
Concen: 18.762 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BF110275.D
Acq: 29 Oct 2018 21:18

Tgt Ion:169 Resp: 170053
Ion Ratio Lower Upper
169 100
168 10.1 51.2 76.8#
167 9.2 27.8 41.6#

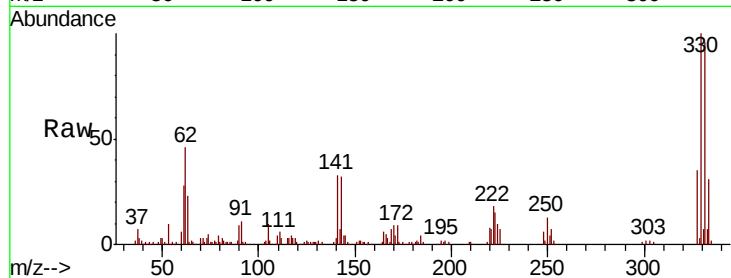




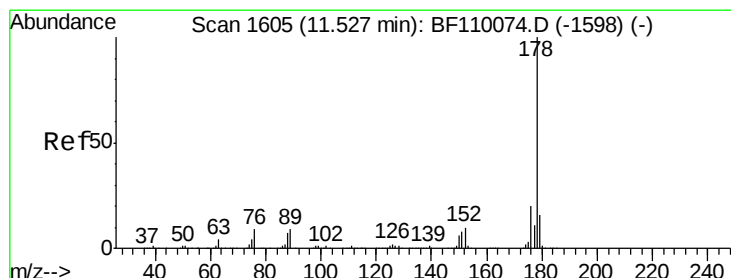
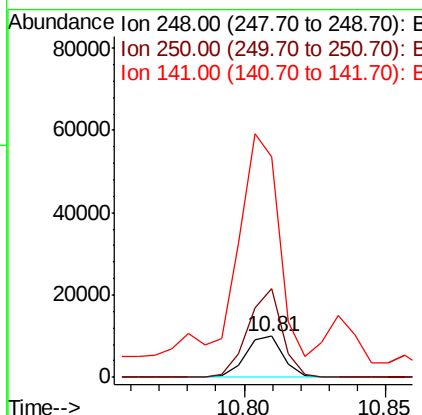
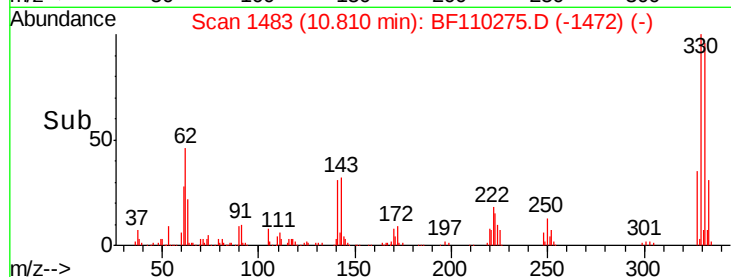
#67
 4-Bromophenyl-phenylether
 Concen: 3.059 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.24 min
 Lab File: BF110275.D
 Acq: 29 Oct 2018 21:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 9168
 Ion Ratio Lower Upper
 248 100
 250 216.0 79.4 119.2#
 141 540.3 55.9 83.9#

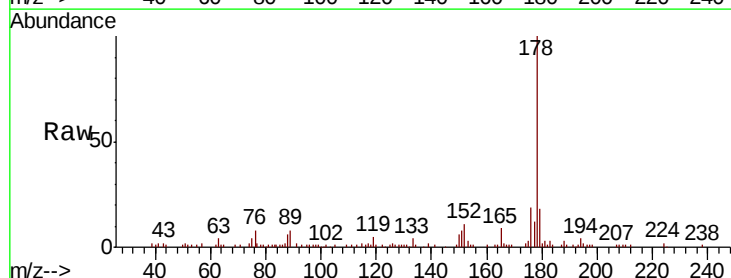


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

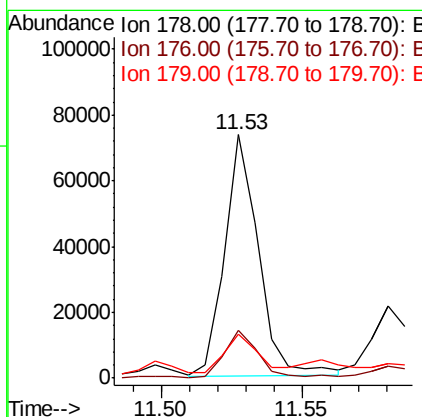
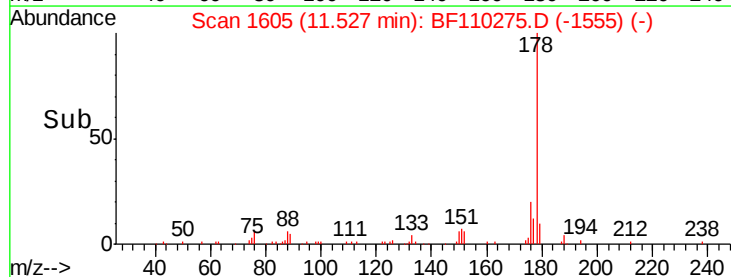


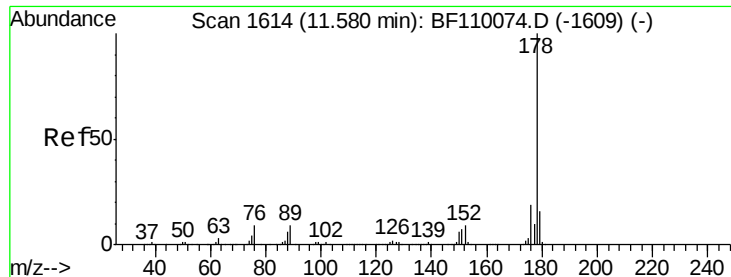
#71
 Phenanthrene
 Concen: 4.254 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.01 min
 Lab File: BF110275.D
 Acq: 29 Oct 2018 21:18

Tgt Ion:178 Resp: 61508
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.5 23.3
 179 17.8 12.5 18.7



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





#72

Anthracene

Concen: 4.244 ng

RT: 11.53 min Scan# 1605

Delta R.T. -0.06 min

Lab File: BF110275.D

Acq: 29 Oct 2018 21:18

Instrument :

BNA_F

ClientSampleId :

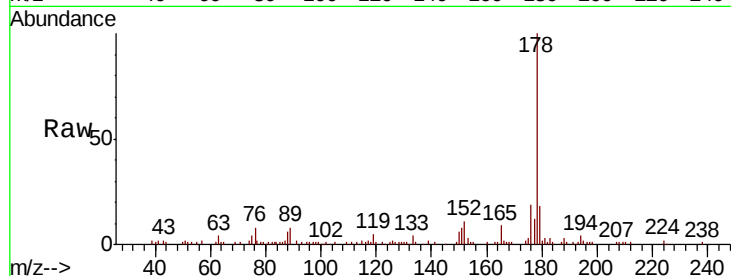
Tot Ion:178 Resp: 61508

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

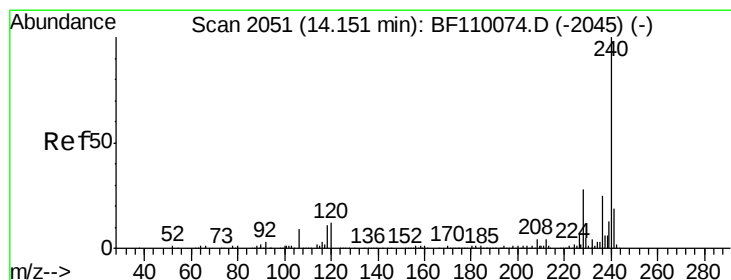
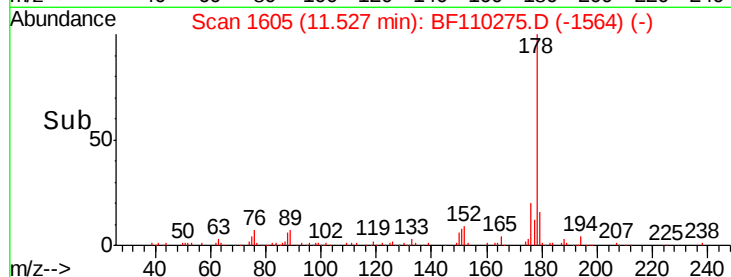
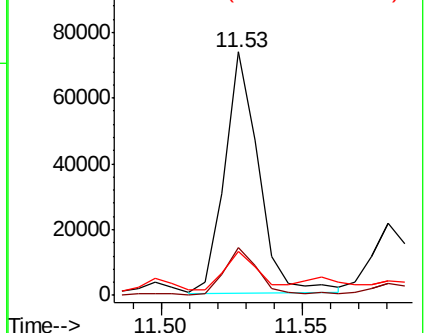
179 17.8 12.6 18.8



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF110275.D

Acq: 29 Oct 2018 21:18

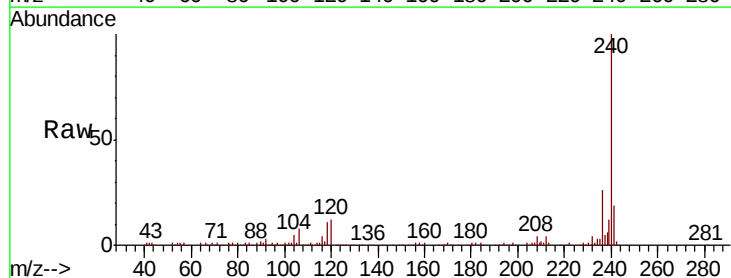
Tgt Ion:240 Resp: 189656

Ion Ratio Lower Upper

240 100

120 11.7 8.3 12.5

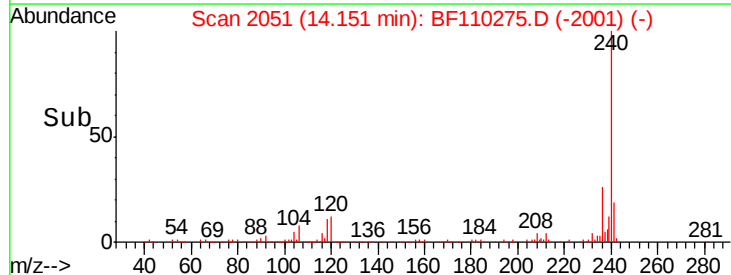
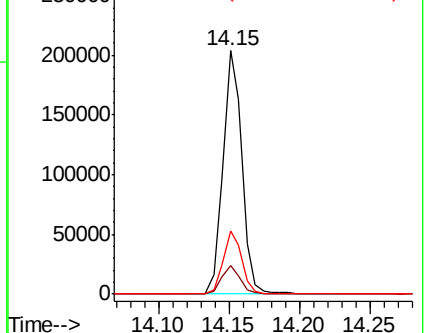
236 25.8 21.2 31.8

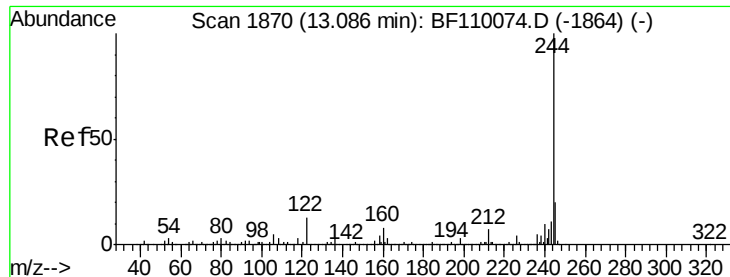


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.327 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BF110275.D

Acq: 29 Oct 2018 21:18

Instrument :

BNA_F

ClientSampleId :

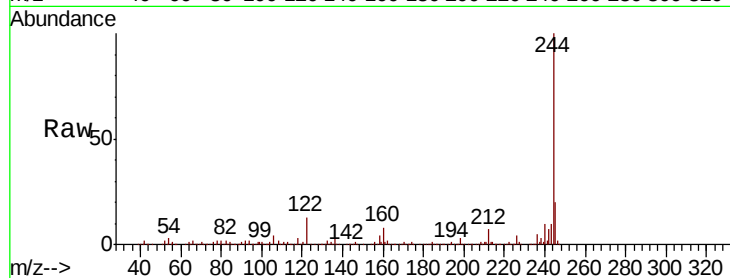
Tot Ion:244 Resp: 668696

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

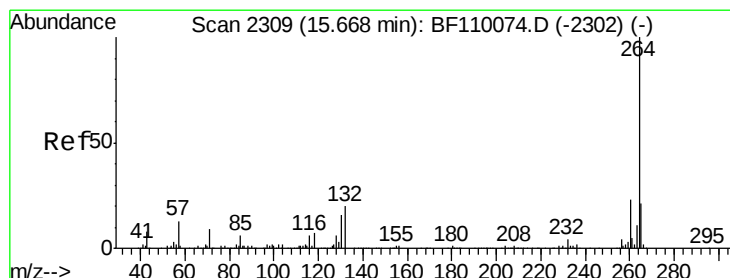
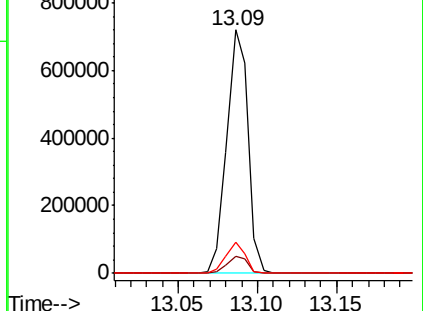
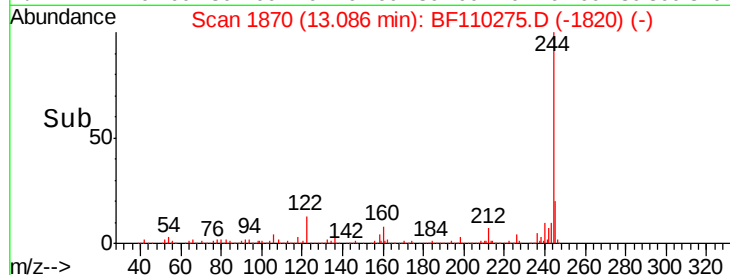
122 12.8 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2312

Delta R.T. 0.00 min

Lab File: BF110275.D

Acq: 29 Oct 2018 21:18

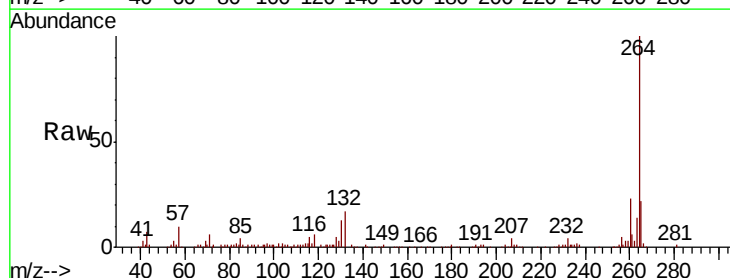
Tgt Ion:264 Resp: 154872

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 21.7 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

