

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
 Data File : BF084277.D
 Acq On : 5 Jan 2016 10:34
 Operator : UM/SJ
 Sample : G4949-04
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 05 11:23:09 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	237014	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	695310	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	239784	20.00	ng	0.03
63) Phenanthrene-d10	11.46	188	387190	20.00	ng	0.03
75) Chrysene-d12	14.05	240	532894	20.00	ng	-0.01
86) Perylene-d12	15.49	264	507446	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1675366	114.33	ng	0.01
7) Phenol-d6	6.53	99	2601529	141.36	ng	0.00
23) Nitrobenzene-d5	7.46	82	1698696	135.97	ng	-0.01
41) 2,4,6-Tribromophenol	10.77	330	189901	78.44	ng	0.03
44) 2-Fluorobiphenyl	9.29	172	1680404	126.36	ng	0.02
78) Terphenyl-d14	13.01	244	1672513	70.06	ng	0.00

Target Compounds						Qvalue
15) Benzyl Alcohol	7.05	79	67203	4.34	ng	# 41
18) Hexachloroethane	7.47	117	983272	142.98	ng	# 12
19) n-Nitroso-di-n-propylamine	7.33	70	117085	9.40	ng	# 75
24) Nitrobenzene	7.44	77	276518	21.82	ng	# 49
25) Isophorone	7.72	82	575964	24.11	ng	# 1
26) 2-Nitrophenol	7.76	139	26825	4.65	ng	# 1
27) 2,4-Dimethylphenol	7.85	122	73179	6.27	ng	# 1
28) bis(2-Chloroethoxy)methane	7.96	93	58120	3.98	ng	# 1
29) 2,4-Dichlorophenol	8.04	162	59278	6.10	ng	# 1
31) Naphthalene	8.19	128	494954	15.69	ng	# 1
32) Benzoic acid	7.98	122	49582	11.99	ng	# 1
33) 4-Chloroaniline	8.25	127	99807	6.90	ng	# 1
35) Caprolactam	8.65	113	730229	222.77	ng	# 1
36) 4-Chloro-3-methylphenol	8.75	107	68363	6.28	ng	# 36
37) 2-Methylnaphthalene	8.93	142	2756573	121.73	ng	# 95
42) 2,4,6-Trichlorophenol	9.21	196	36845	7.14	ng	# 15
43) 2,4,5-Trichlorophenol	9.21	196	36845	7.45	ng	# 1
47) 2-Nitroaniline	9.52	65	132092	26.74	ng	# 48
48) Acenaphthylene	9.85	152	187313	8.47	ng	# 1
49) Dimethylphthalate	9.69	163	245516	14.32	ng	# 74
50) 2,6-Dinitrotoluene	9.79	165	79680	21.19	ng	# 14
51) Acenaphthene	10.02	154	521861	35.18	ng	# 67
52) 3-Nitroaniline	9.94	138	54649	11.73	ng	# 33
53) 2,4-Dinitrophenol	10.27	184	86495	55.16	ng	# 95
54) Dibenzofuran	10.19	168	689559	35.25	ng	# 1
55) 4-Nitrophenol	10.10	139	348986	103.20	ng	# 63
56) 2,4-Dinitrotoluene	10.20	165	82883	17.42	ng	# 55
57) Fluorene	10.53	166	1104919	76.01	ng	# 83
59) Diethylphthalate	10.43	149	45228	2.68	ng	# 8
60) 4-Chlorophenyl-phenylether	10.54	204	8019	Below	Cal	# 1
61) 4-Nitroaniline	10.60	138	27163	6.54	ng	# 66
62) Azobenzene	10.68	77	142574	7.69	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.60	198	8036	8.90	ng	# 1
65) n-Nitrosodiphenylamine	10.65	169	1844193	148.97	ng	# 51

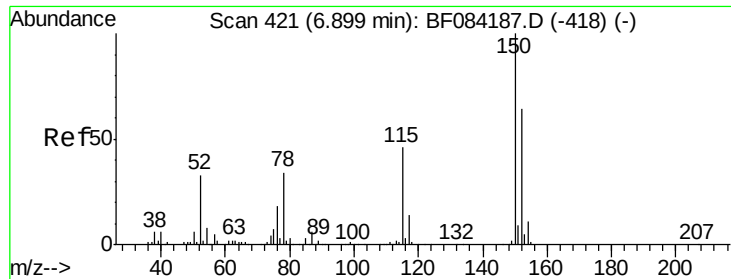
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084277.D
Acq On : 5 Jan 2016 10:34
Operator : UM/SJ
Sample : G4949-04
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Instrument :
BNA_F
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Quant Time: Jan 05 11:23:09 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) Atrazine	11.18	200	51896	12.81	nq	# 1
70) Phenanthrene	11.49	178	3058860	151.03	nq	# 91
71) Anthracene	11.57	178	1335826	67.28	nq	# 1
72) Carbazole	11.73	167	42056	2.17	nq	# 1
73) Di-n-butylphthalate	12.00	149	30423	Below Cal		# 1
74) Fluoranthene	12.65	202	174226	8.23	nq	# 87
77) Pyrene	12.87	202	329903	7.89	nq	# 95

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

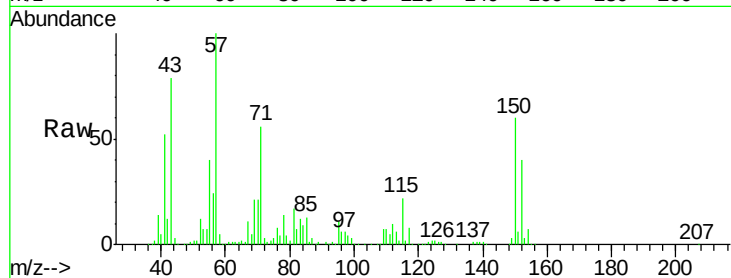


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF084277.D
Acq: 5 Jan 2016 10:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.8	123.0	184.4
115	55.6	51.4	77.2

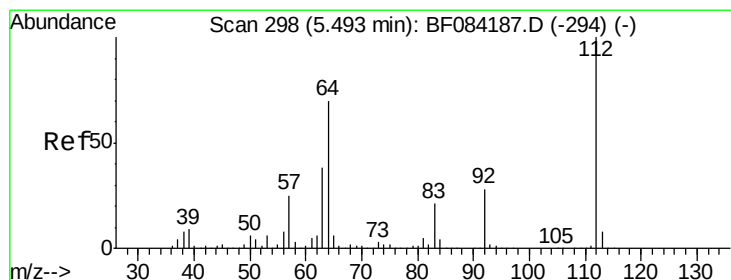
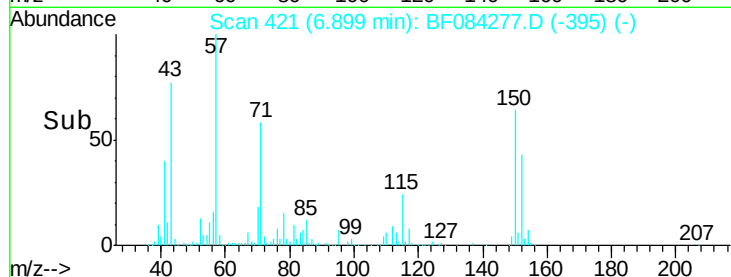
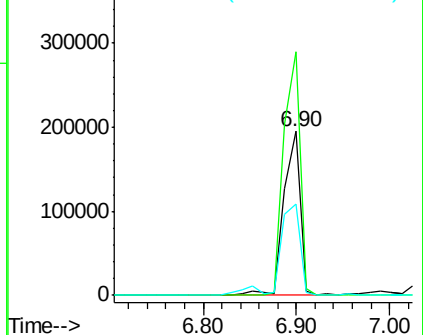


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

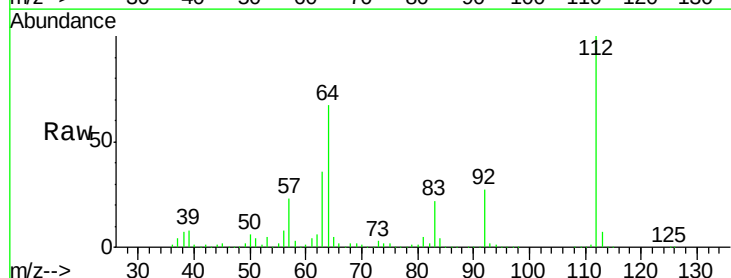
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 114.33 ng
RT: 5.50 min Scan# 299
Delta R.T. 0.01 min
Lab File: BF084277.D
Acq: 5 Jan 2016 10:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	36.6	55.0#
63	35.8	19.4	29.0#

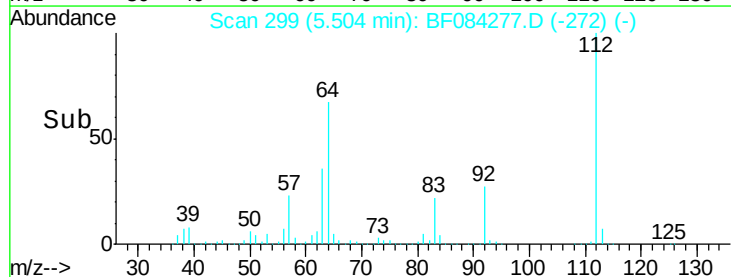
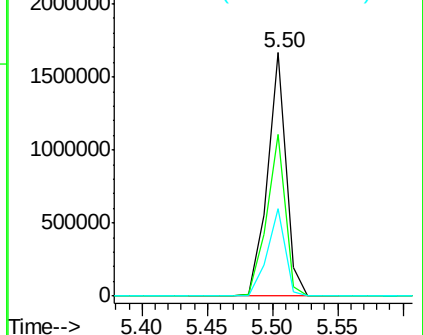


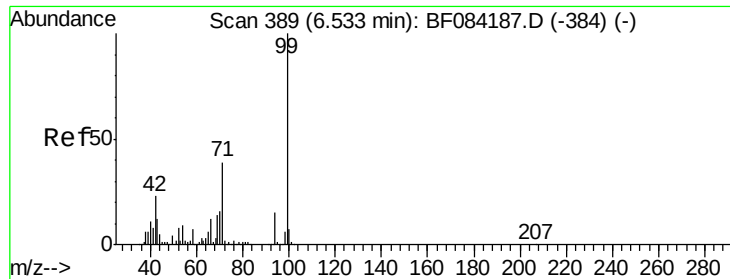
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 141.36 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084277.D

Acq: 5 Jan 2016 10:34

Instrument :

BNA_F

ClientSampleId :

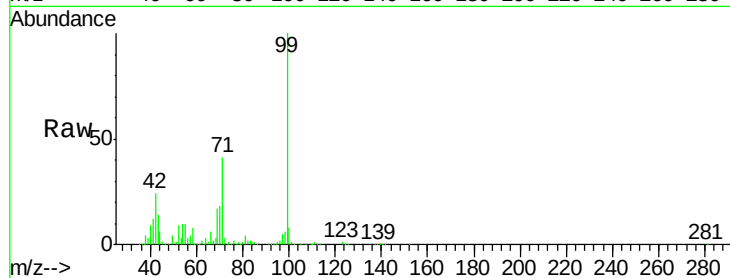
Tot Ion: 99 Resp: 2601529

Ion Ratio Lower Upper

99 100

42 24.4 12.8 19.2#

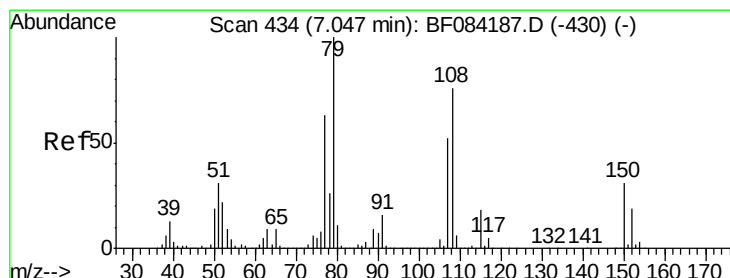
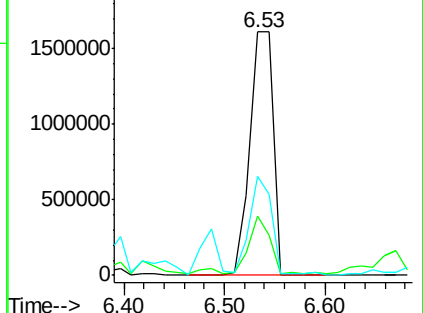
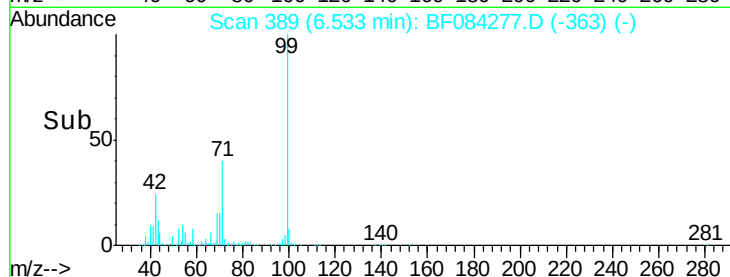
71 40.5 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#15

Benzyl Alcohol

Concen: 4.34 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF084277.D

Acq: 5 Jan 2016 10:34

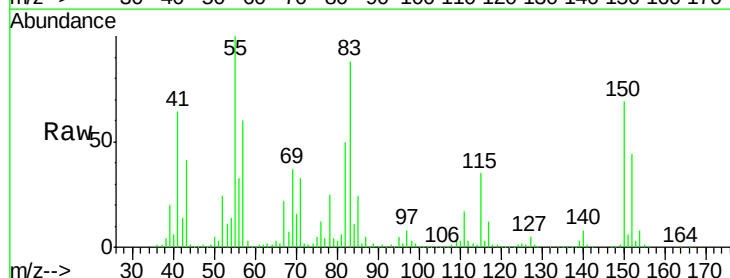
Tgt Ion: 79 Resp: 67203

Ion Ratio Lower Upper

79 100

108 13.8 69.0 103.4#

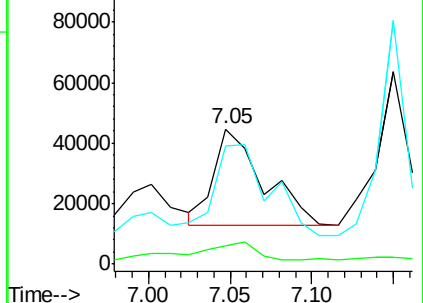
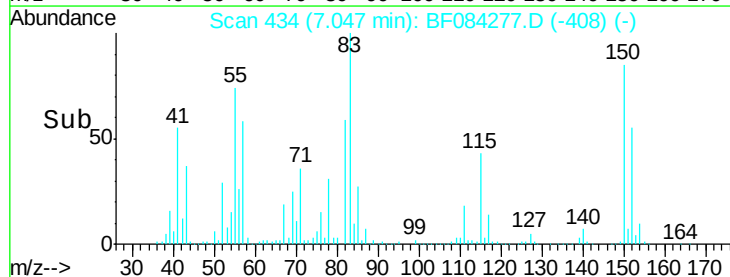
77 87.7 50.0 75.0#

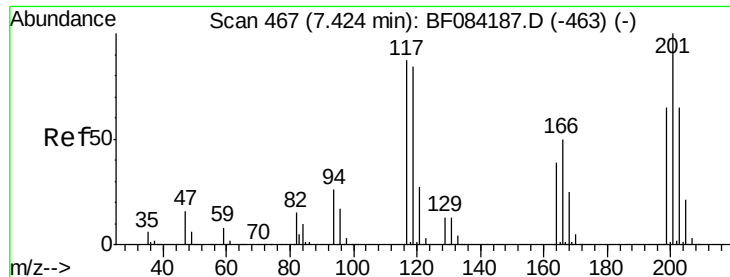


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#18

Hexachloroethane

Concen: 142.98 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.05 min

Lab File: BF084277.D

Acq: 5 Jan 2016 10:34

Instrument :

BNA_F

ClientSampled :

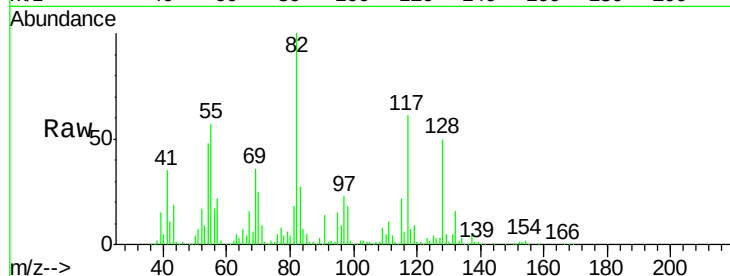
Tot Ion:117 Resp: 983272

Ion Ratio Lower Upper

117 100

119 15.1 77.4 116.0#

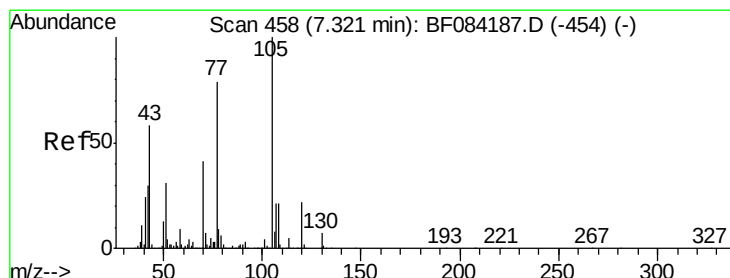
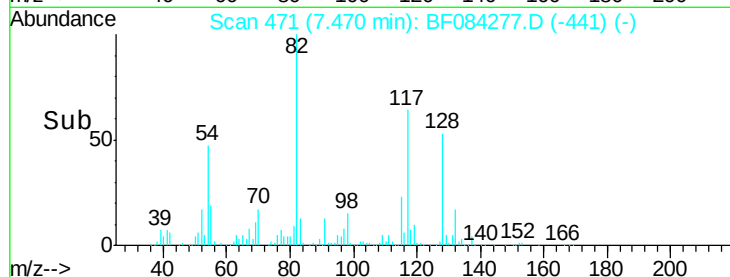
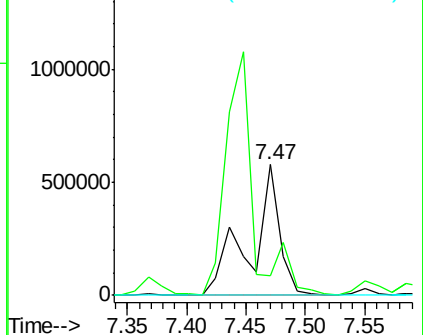
201 0.0 68.6 103.0#



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: 9.40 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.01 min

Lab File: BF084277.D

Acq: 5 Jan 2016 10:34

Tgt Ion: 70 Resp: 117085

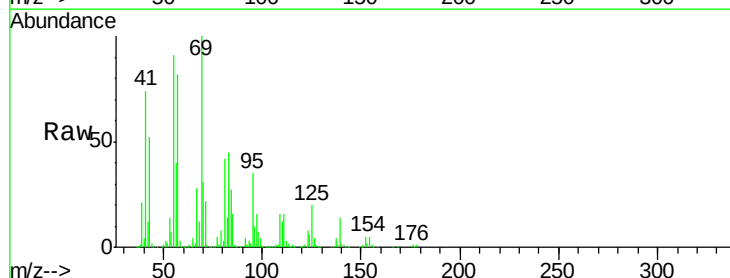
Ion Ratio Lower Upper

70 100

42 39.9 33.3 49.9

101 0.0 9.3 13.9#

130 0.0 23.4 35.0#

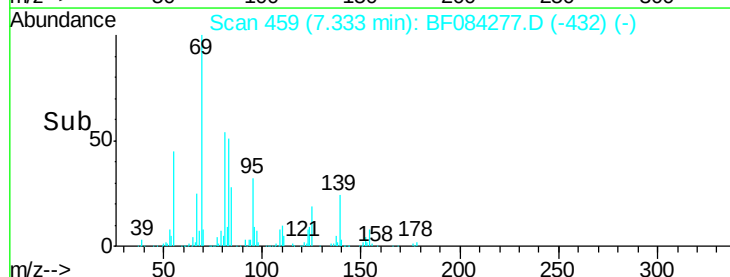
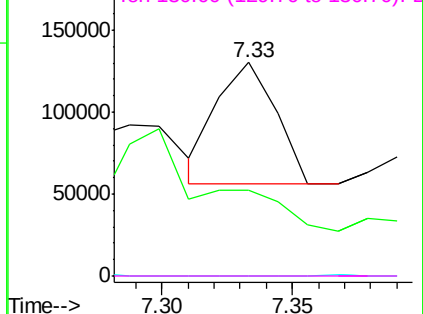


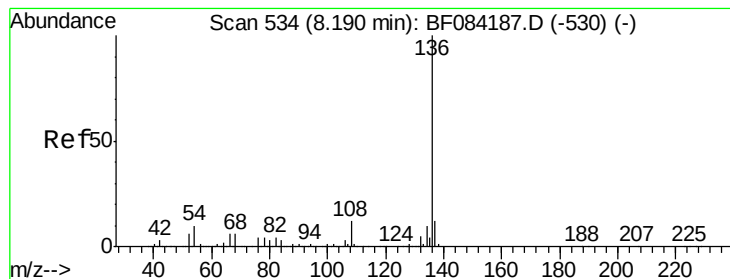
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF084277.D

Acq: 5 Jan 2016 10:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 695310

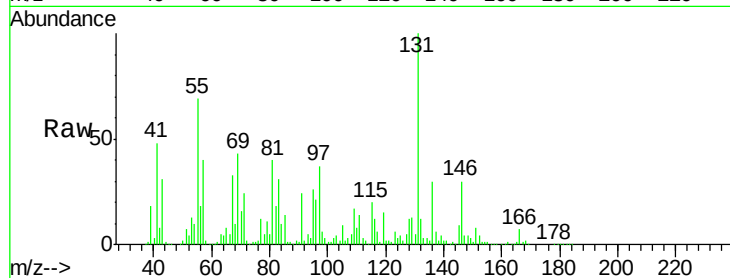
Ion Ratio Lower Upper

136 100

137 20.7 8.7 13.1#

54 32.4 5.8 8.8#

68 33.9 4.2 6.2#

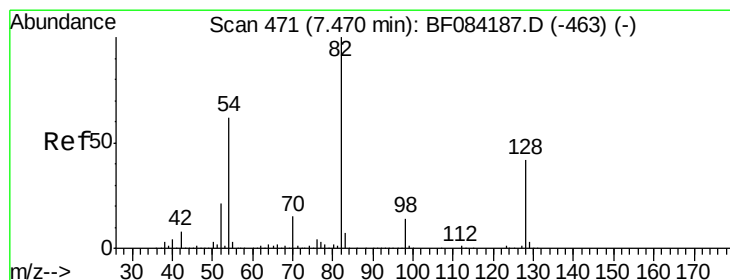
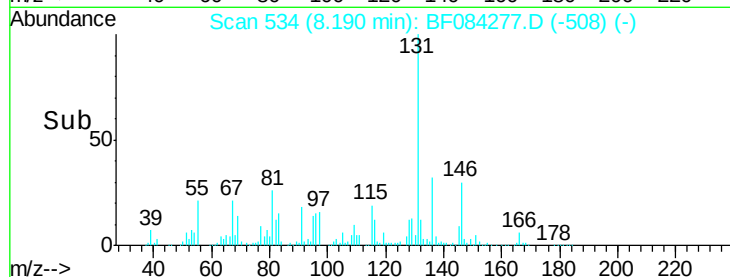
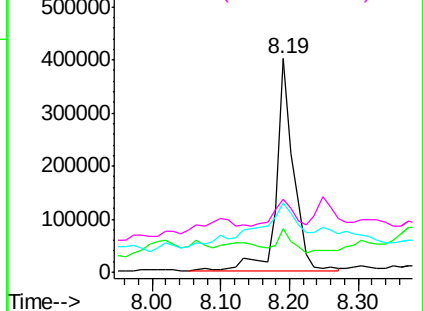


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 135.97 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF084277.D

Acq: 5 Jan 2016 10:34

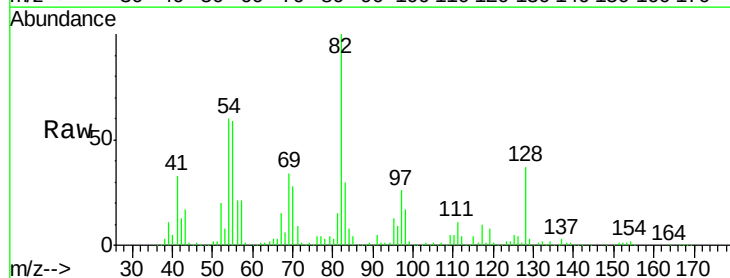
Tgt Ion: 82 Resp: 1698696

Ion Ratio Lower Upper

82 100

128 36.8 34.6 51.8

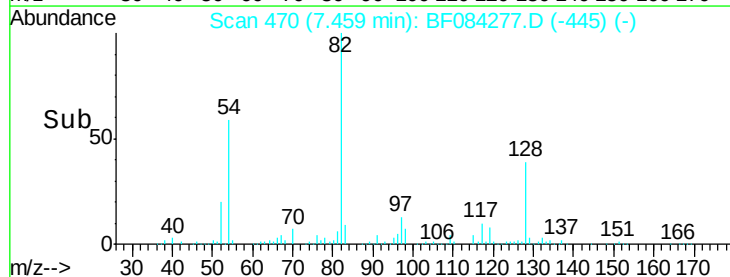
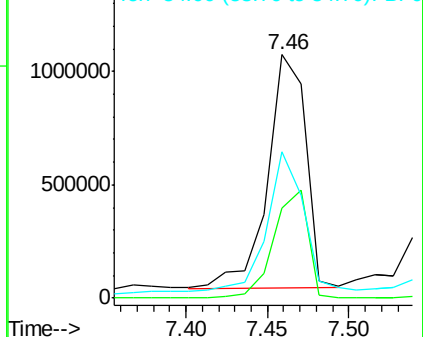
54 60.1 38.4 57.6#

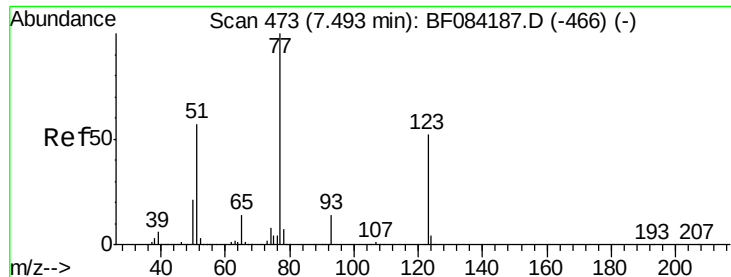


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 21.82 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.06 min

Lab File: BF084277.D

Acq: 5 Jan 2016 10:34

Instrument :

BNA_F

ClientSampleId :

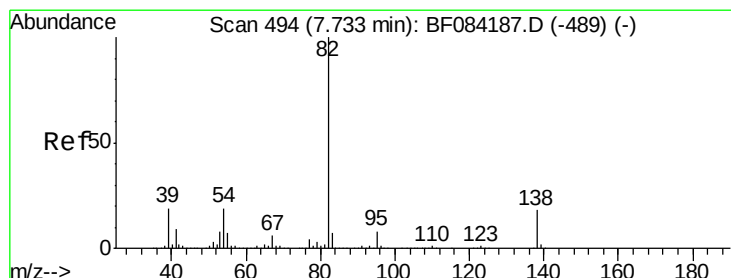
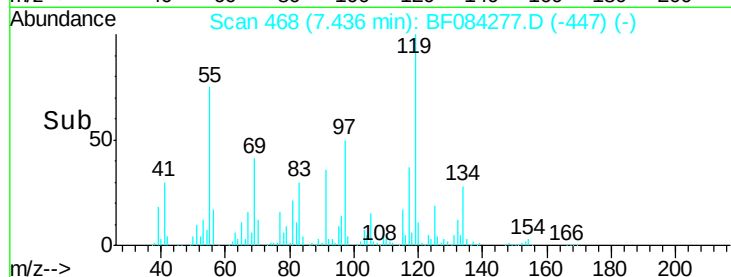
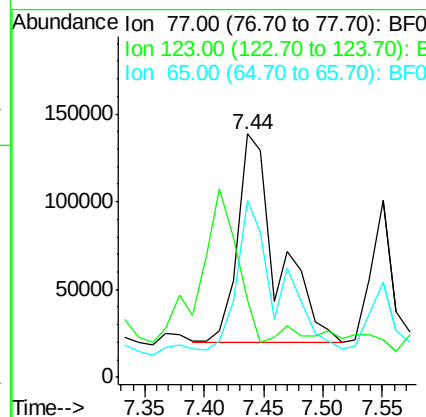
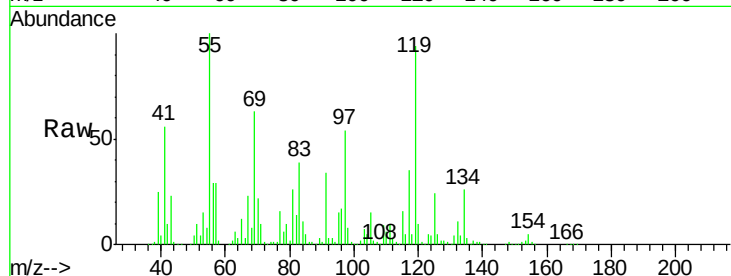
Tot Ion: 77 Resp: 276518

Ion Ratio Lower Upper

77 100

123 31.6 37.4 56.2#

65 72.9 10.9 16.3#



#25

Isophorone

Concen: 24.11 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF084277.D

Acq: 5 Jan 2016 10:34

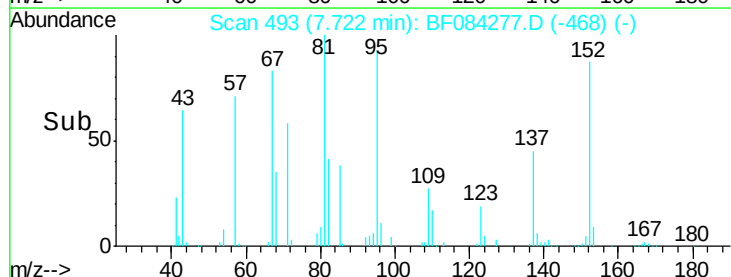
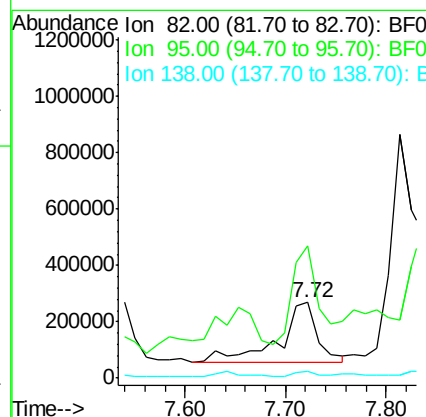
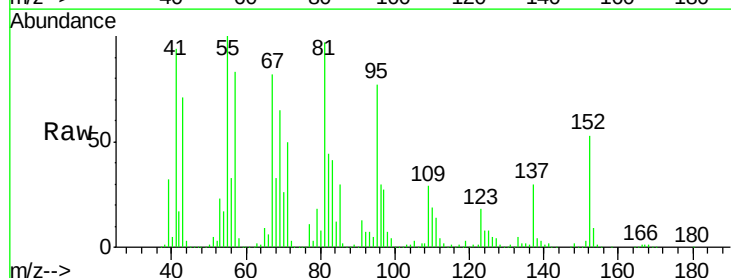
Tgt Ion: 82 Resp: 575964

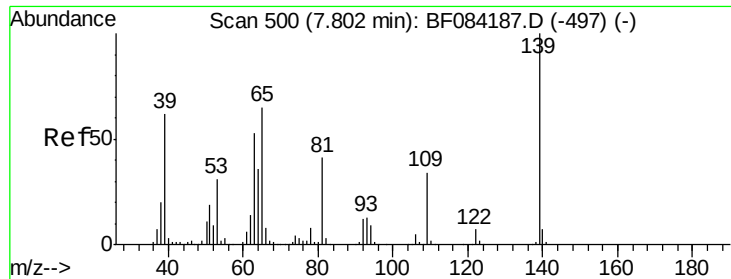
Ion Ratio Lower Upper

82 100

95 174.0 6.6 10.0#

138 9.6 13.6 20.4#

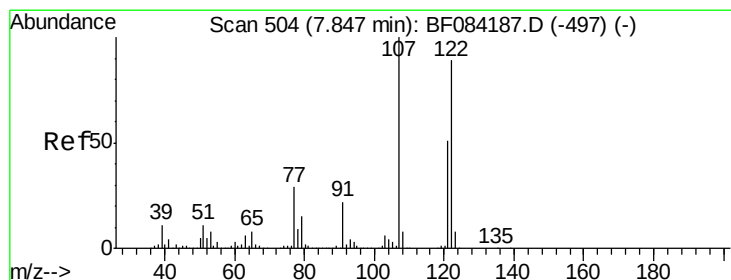
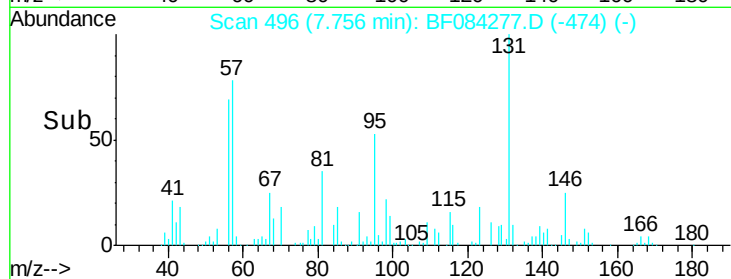
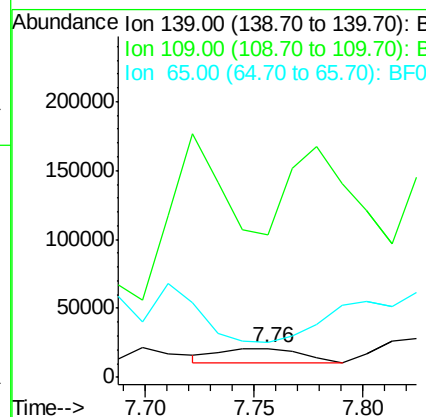
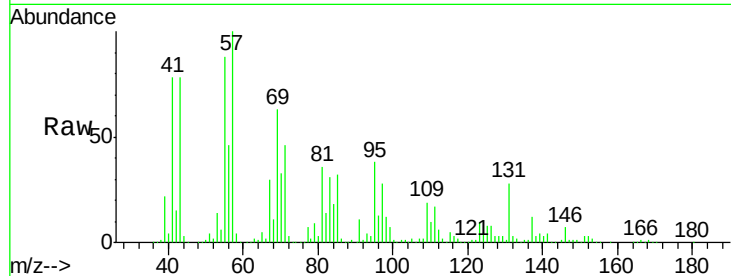




#26
2-Nitrophenol
Concen: 4.65 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.05 min
Lab File: BF084277.D
Acq: 5 Jan 2016 10:34

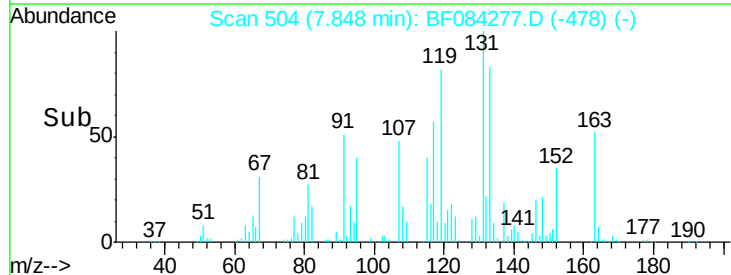
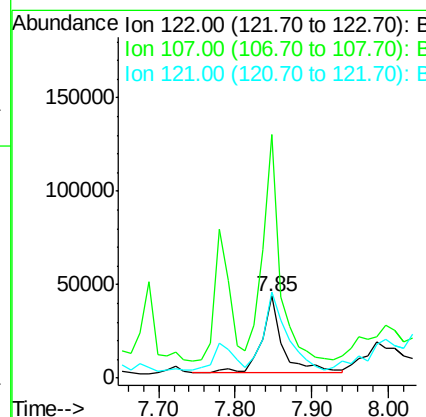
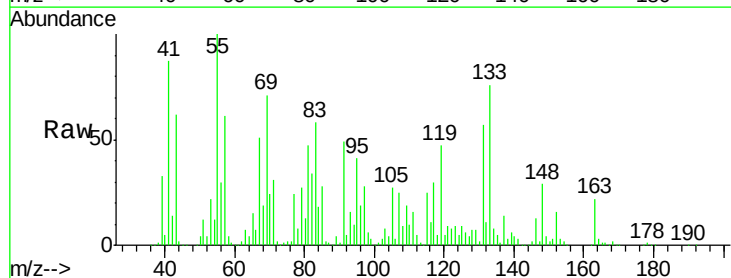
Instrument :
BNA_F
ClientSampled :

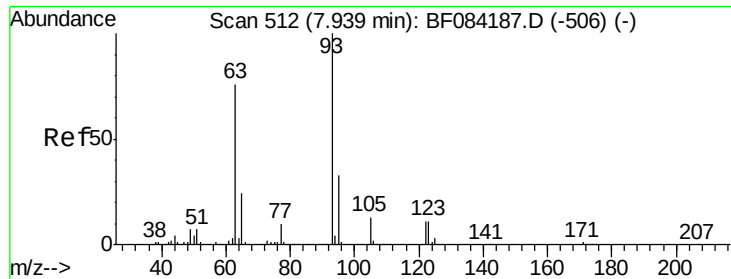
Tot Ion:139 Resp: 26825
Ion Ratio Lower Upper
139 100
109 495.8 25.4 38.2#
65 124.2 32.3 48.5#



#27
2,4-Dimethylphenol
Concen: 6.27 ng
RT: 7.85 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF084277.D
Acq: 5 Jan 2016 10:34

Tgt Ion:122 Resp: 73179
Ion Ratio Lower Upper
122 100
107 298.0 99.1 148.7#
121 104.9 47.9 71.9#





#28

bis(2-Chloroethoxy)methane

Concen: 3.98 ng

RT: 7.96 min Scan# 514

Delta R.T. 0.02 min

Lab File: BF084277.D

Acq: 5 Jan 2016 10:34

Instrument :

BNA_F

ClientSampleId :

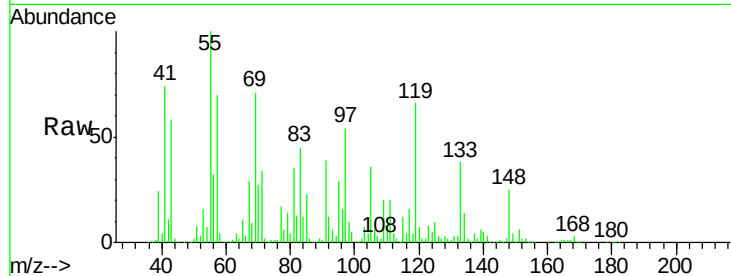
Tot Ion: 93 Resp: 58120

Ion Ratio Lower Upper

93 100

95 479.0 25.8 38.6#

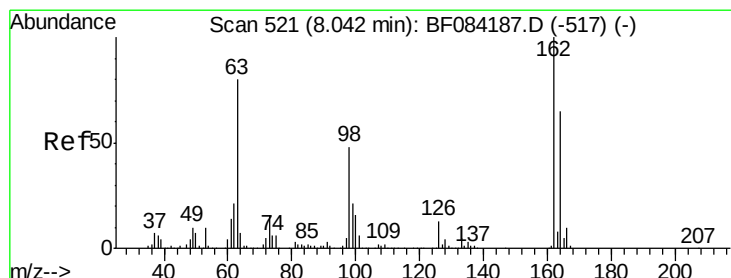
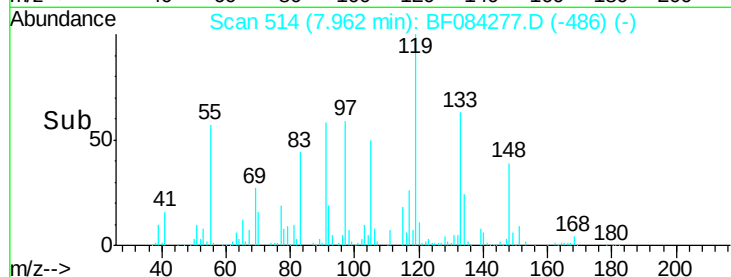
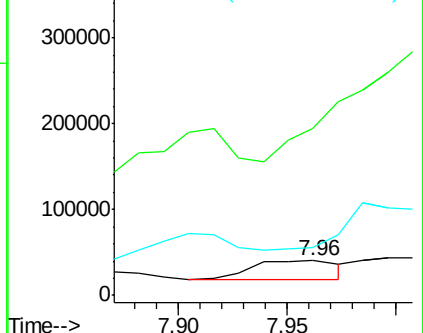
123 137.8 8.6 12.8#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): BF0



#29

2,4-Dichlorophenol

Concen: 6.10 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF084277.D

Acq: 5 Jan 2016 10:34

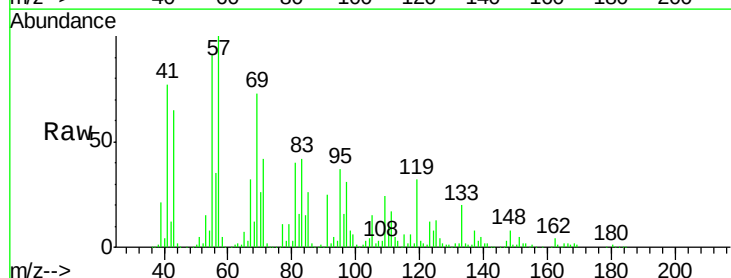
Tgt Ion: 162 Resp: 59278

Ion Ratio Lower Upper

162 100

164 7.6 44.1 84.1#

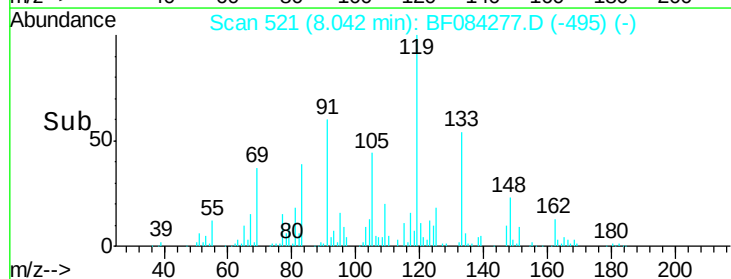
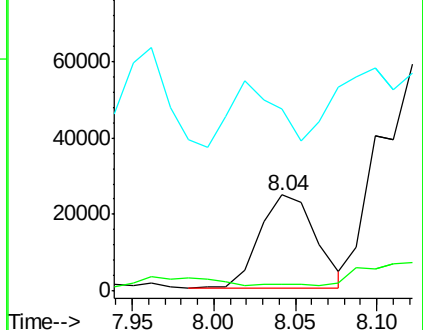
98 190.0 20.2 60.2#

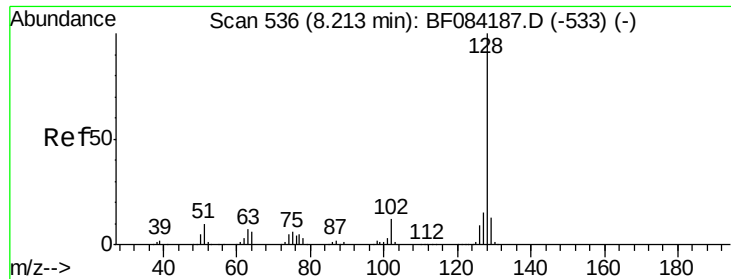


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0

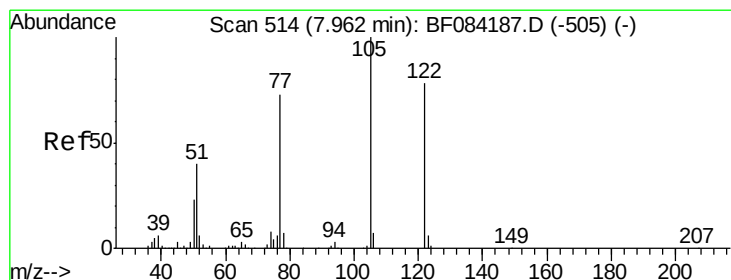
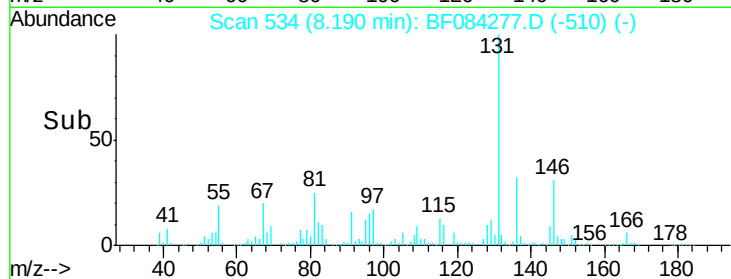
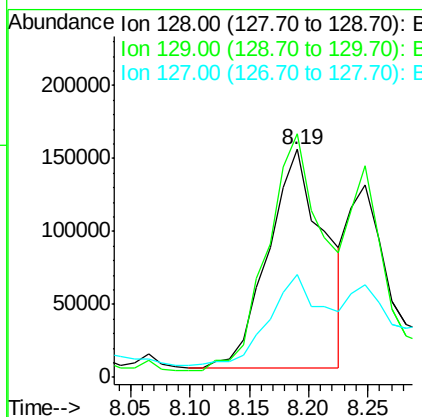
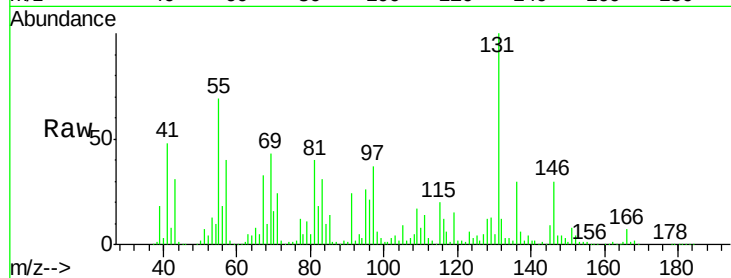




#31
Naphthalene
Concen: 15.69 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.02 min
Lab File: BF084277.D
Acq: 5 Jan 2016 10:34

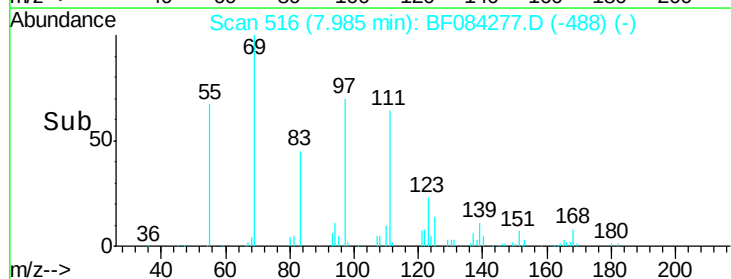
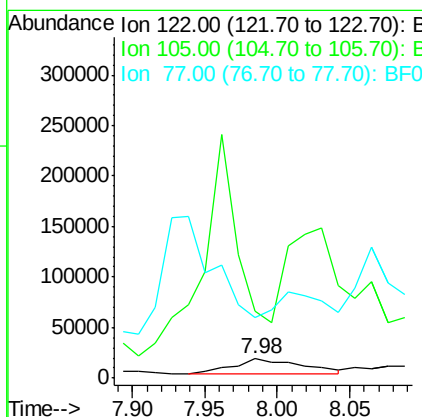
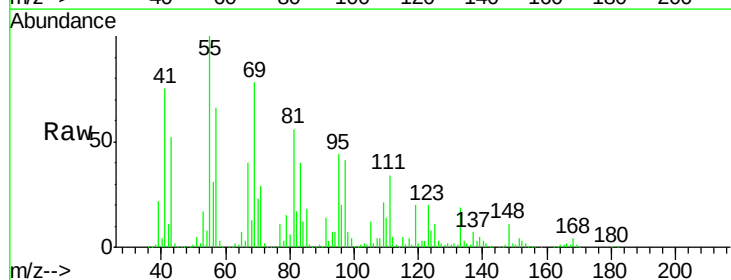
Instrument :
BNA_F
ClientSampled :

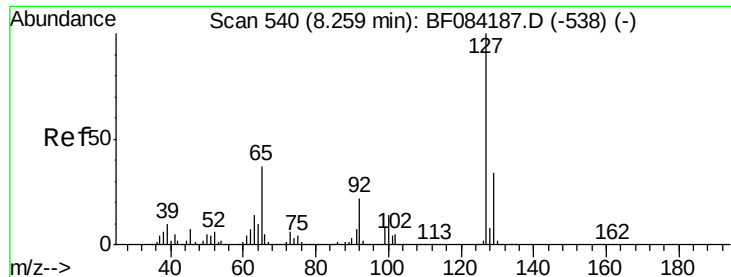
Tot Ion:128 Resp: 494954
Ion Ratio Lower Upper
128 100
129 106.9 9.1 13.7#
127 45.1 11.1 16.7#



#32
Benzoic acid
Concen: 11.99 ng
RT: 7.98 min Scan# 516
Delta R.T. 0.02 min
Lab File: BF084277.D
Acq: 5 Jan 2016 10:34

Tgt Ion:122 Resp: 49582
Ion Ratio Lower Upper
122 100
105 343.7 100.3 140.3#
77 314.9 63.5 103.5#

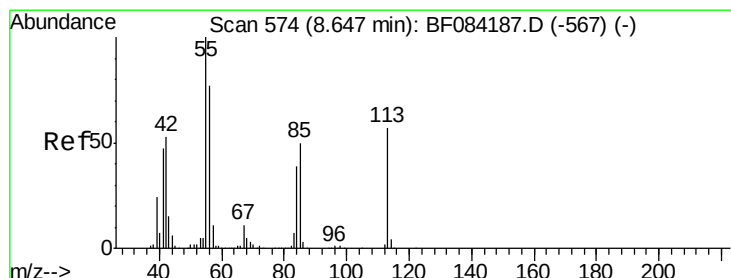
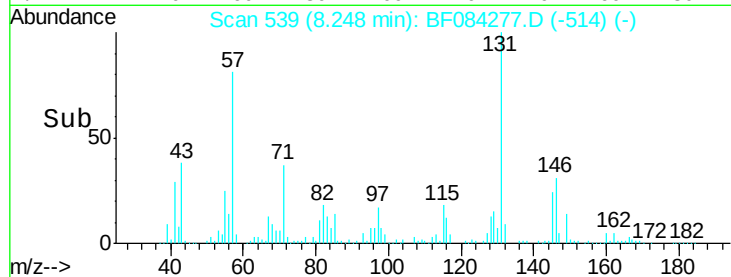
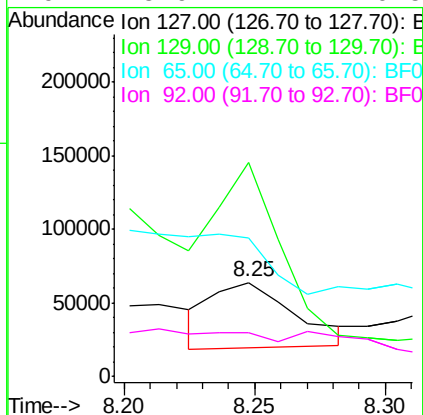
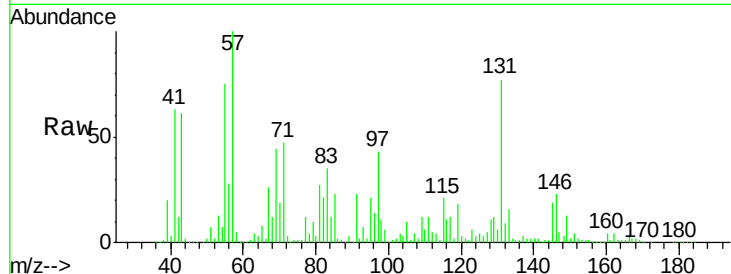




#33
4-Chloroaniline
Concen: 6.90 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF084277.D
Acq: 5 Jan 2016 10:34

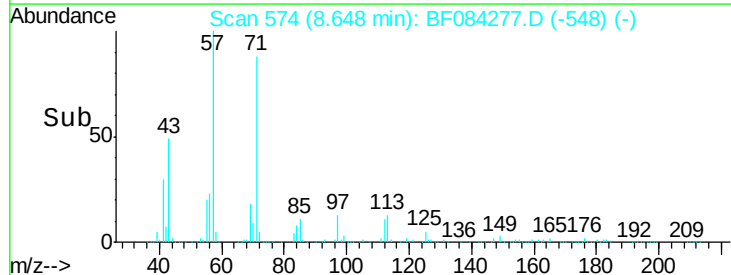
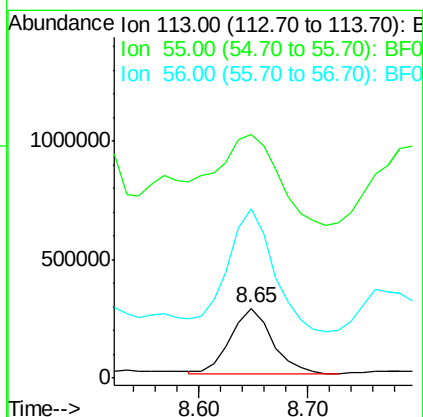
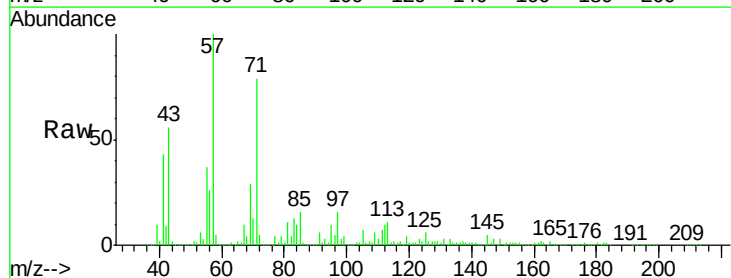
Instrument :
BNA_F
ClientSampled :

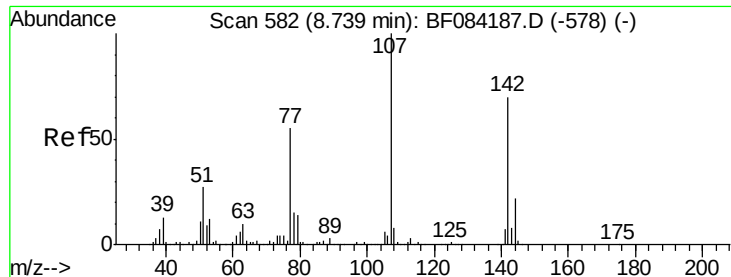
Tot Ion:	127	Resp:	99807
Ion	Ratio	Lower	Upper
127	100		
129	228.4	26.5	39.7#
65	148.0	27.2	40.8#
92	45.9	17.7	26.5#



#35
Caprolactam
Concen: 222.77 ng
RT: 8.65 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF084277.D
Acq: 5 Jan 2016 10:34

Tgt Ion:	113	Resp:	730229
Ion	Ratio	Lower	Upper
113	100		
55	349.0	116.9	156.9#
56	242.5	93.8	133.8#





#36

4-Chloro-3-methylphenol

Concen: 6.28 ng

RT: 8.75 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF084277.D

Acq: 5 Jan 2016 10:34

Instrument :

BNA_F

ClientSampleId :

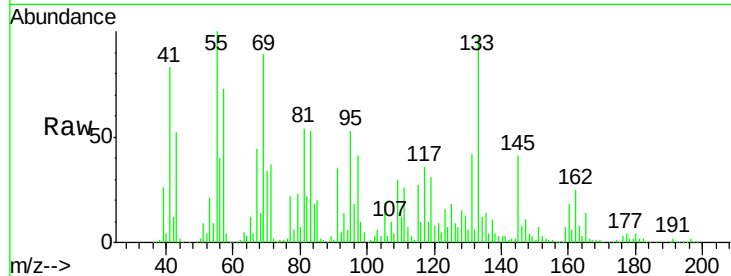
Tot Ion:107 Resp: 68363

Ion Ratio Lower Upper

107 100

144 15.8 19.7 29.5#

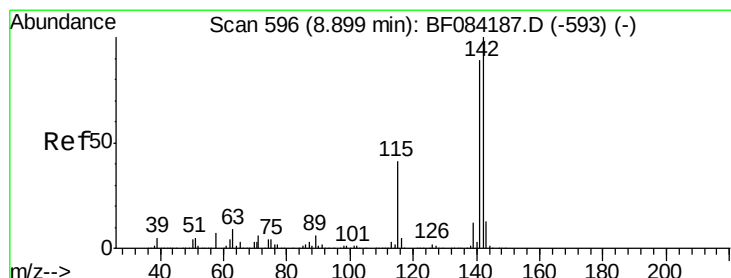
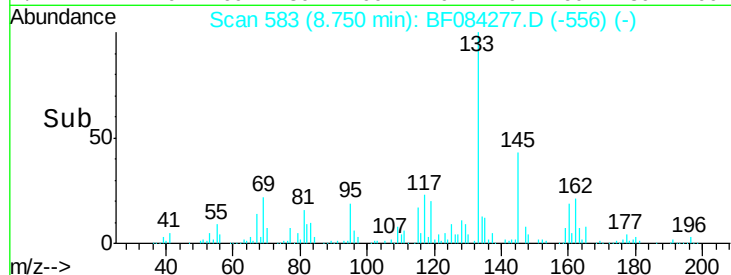
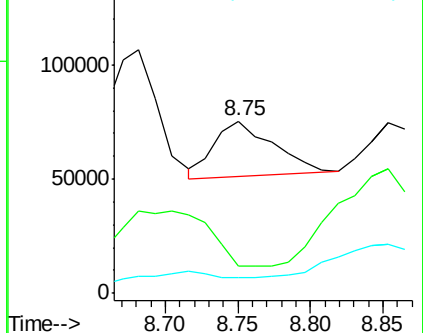
142 8.9 61.8 92.6#



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: 121.73 ng

RT: 8.93 min Scan# 599

Delta R.T. 0.03 min

Lab File: BF084277.D

Acq: 5 Jan 2016 10:34

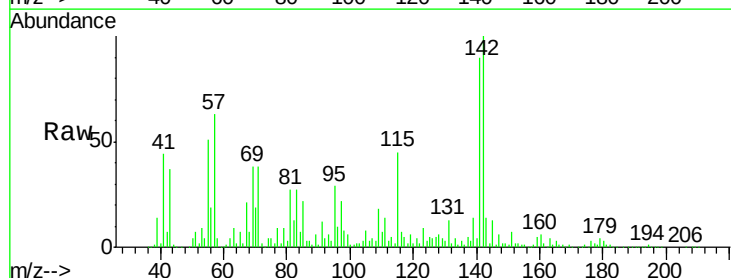
Tgt Ion:142 Resp: 2756573

Ion Ratio Lower Upper

142 100

141 89.5 72.4 108.6

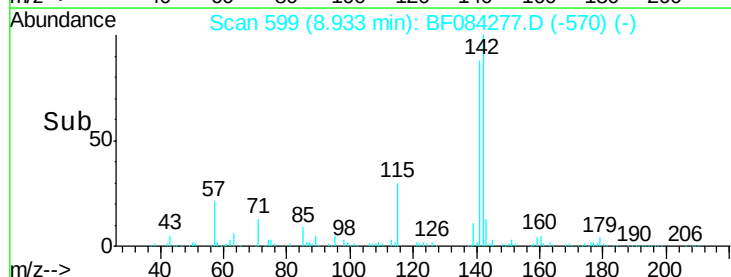
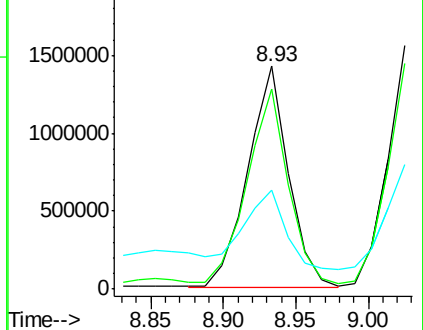
115 44.6 27.9 41.9#

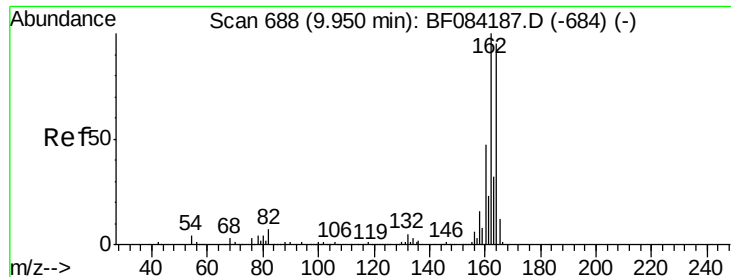


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.03 min

Lab File: BF084277.D

Acq: 5 Jan 2016 10:34

Instrument :

BNA_F

ClientSampleId :

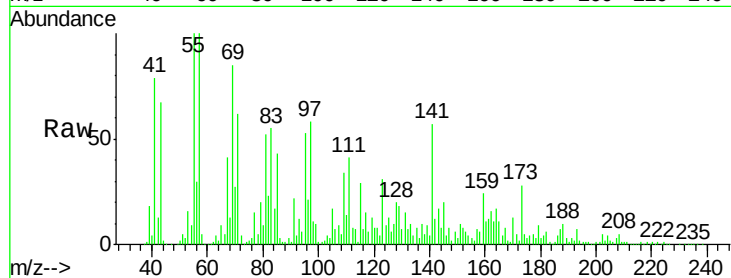
Tot Ion:164 Resp: 239784

Ion Ratio Lower Upper

164 100

162 95.2 85.1 127.7

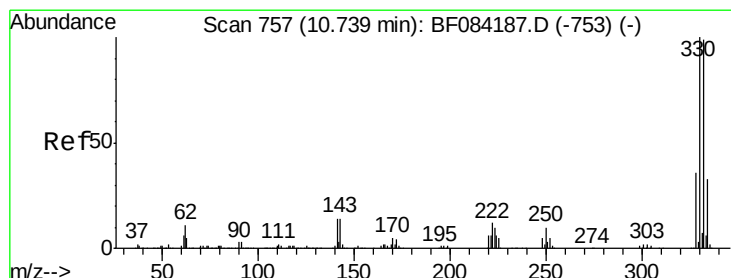
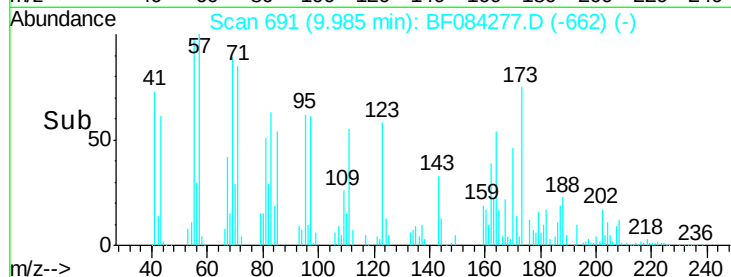
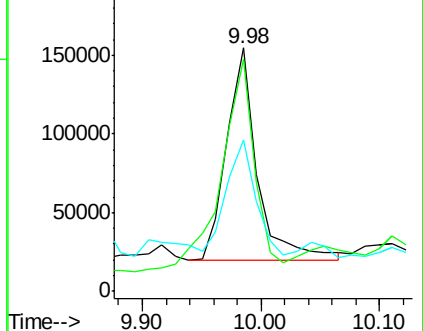
160 62.1 37.5 56.3#



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



#41

2,4,6-Tribromophenol

Concen: 78.44 ng

RT: 10.77 min Scan# 760

Delta R.T. 0.03 min

Lab File: BF084277.D

Acq: 5 Jan 2016 10:34

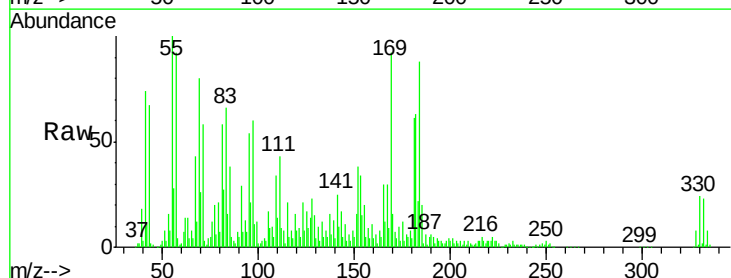
Tgt Ion:330 Resp: 189901

Ion Ratio Lower Upper

330 100

332 96.5 76.6 114.8

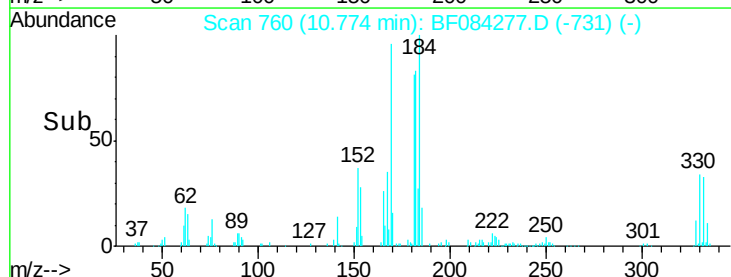
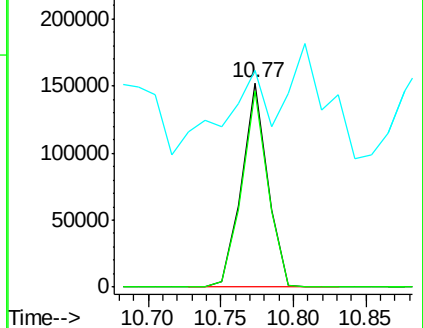
141 30.1 27.8 41.6

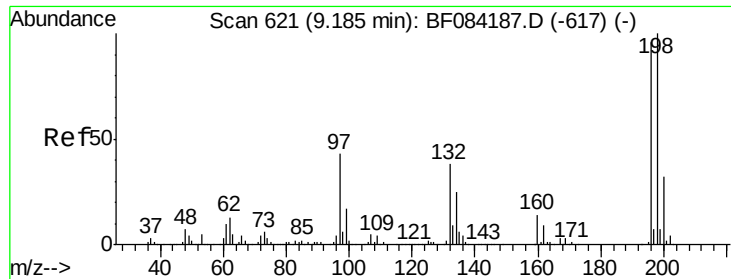


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

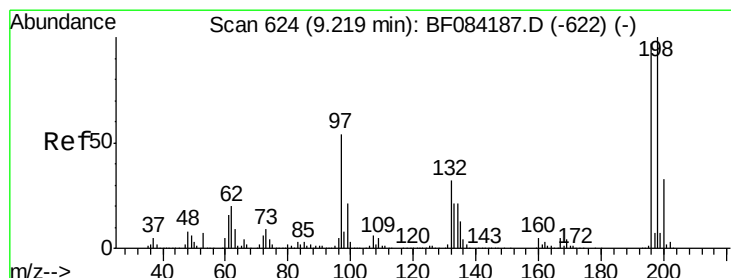
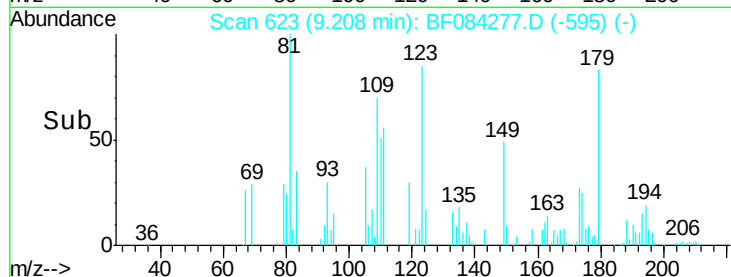
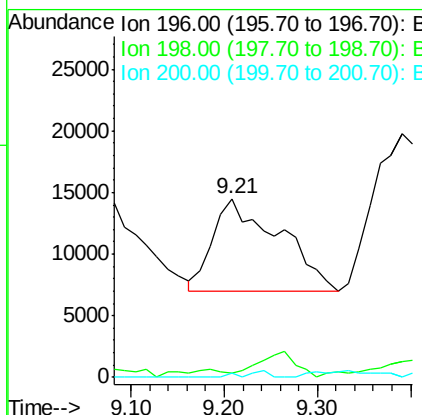
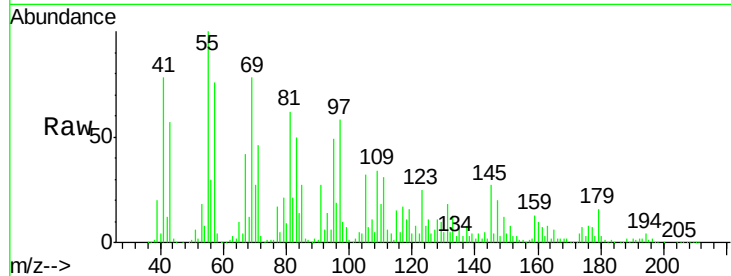




#42
2,4,6-Trichlorophenol
Concen: 7.14 ng
RT: 9.21 min Scan# 623
Delta R.T. 0.02 min
Lab File: BF084277.D
Acq: 5 Jan 2016 10:34

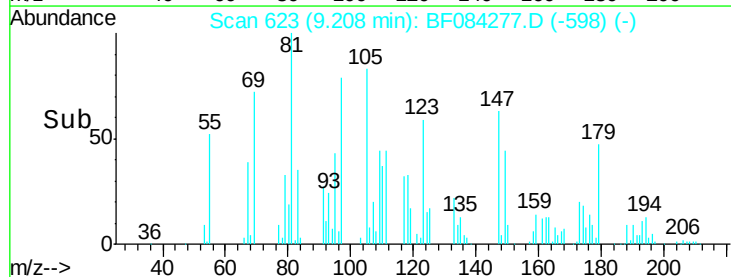
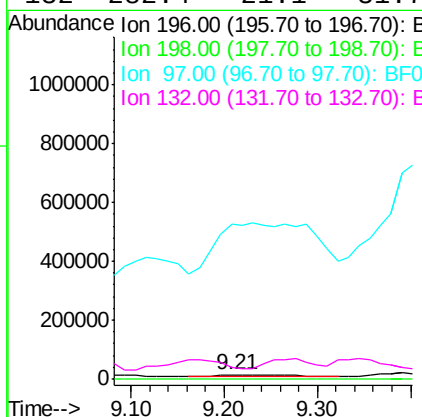
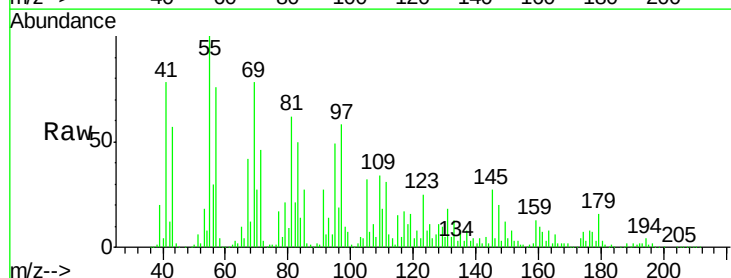
Instrument :
BNA_F
ClientSampleId :

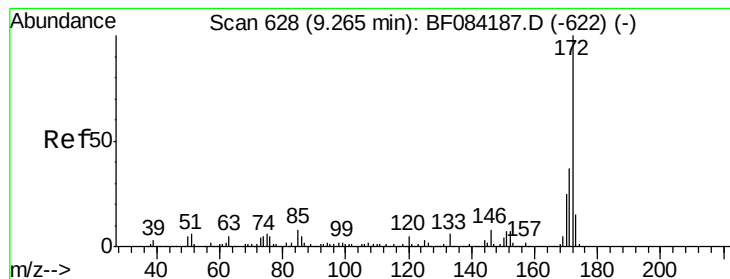
Tot Ion:196 Resp: 36845
Ion Ratio Lower Upper
196 100
198 2.7 77.7 116.5#
200 2.3 24.6 37.0#



#43
2,4,5-Trichlorophenol
Concen: 7.45 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF084277.D
Acq: 5 Jan 2016 10:34

Tgt Ion:196 Resp: 36845
Ion Ratio Lower Upper
196 100
198 2.7 79.0 118.6#
97 3638.3 33.0 49.6#
132 282.4 21.1 31.7#

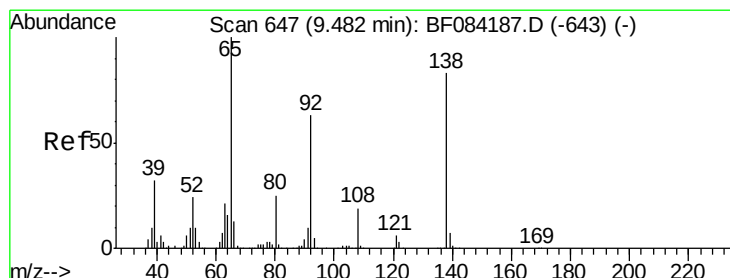
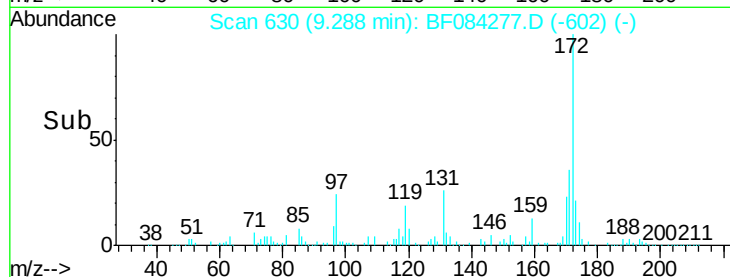
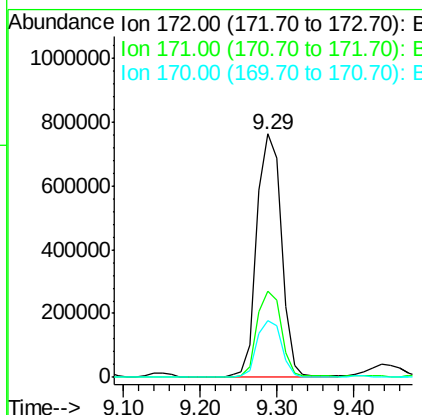
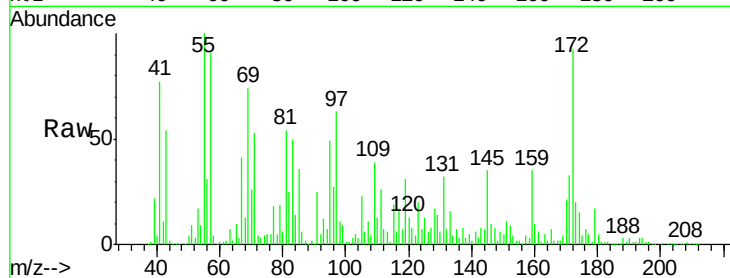




#44
2-Fluorobiphenyl
Concen: 126.36 ng
RT: 9.29 min Scan# 630
Delta R.T. 0.02 min
Lab File: BF084277.D
Acq: 5 Jan 2016 10:34

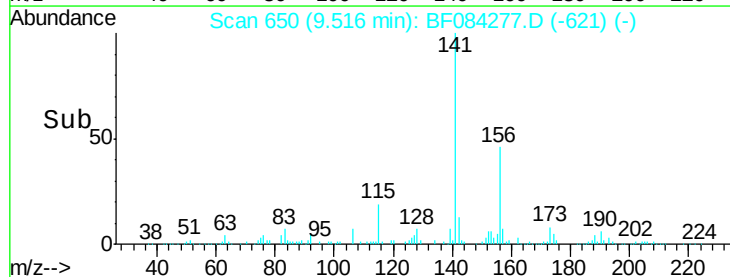
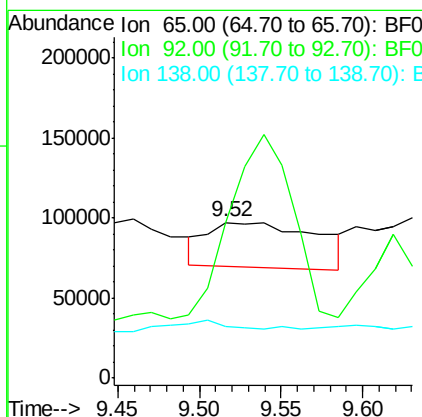
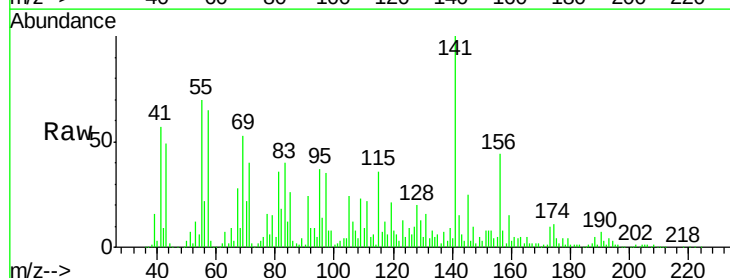
Instrument :
BNA_F
ClientSampleId :

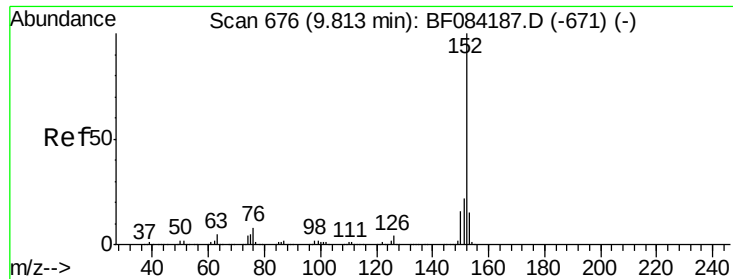
Tot Ion:172 Resp: 1680404
Ion Ratio Lower Upper
172 100
171 35.6 28.9 43.3
170 23.4 18.6 27.8



#47
2-Nitroaniline
Concen: 26.74 ng
RT: 9.52 min Scan# 650
Delta R.T. 0.03 min
Lab File: BF084277.D
Acq: 5 Jan 2016 10:34

Tgt Ion: 65 Resp: 132092
Ion Ratio Lower Upper
65 100
92 99.6 53.4 80.2#
138 33.2 71.1 106.7#

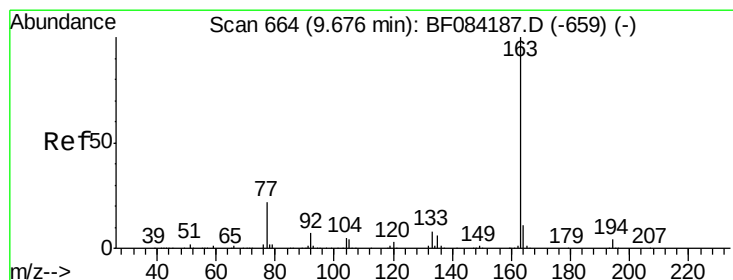
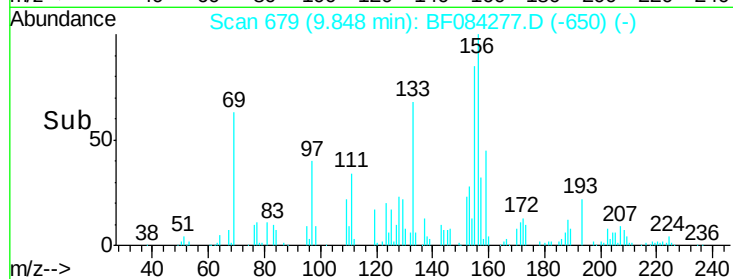
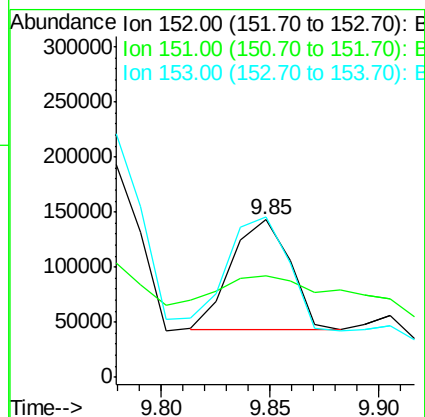
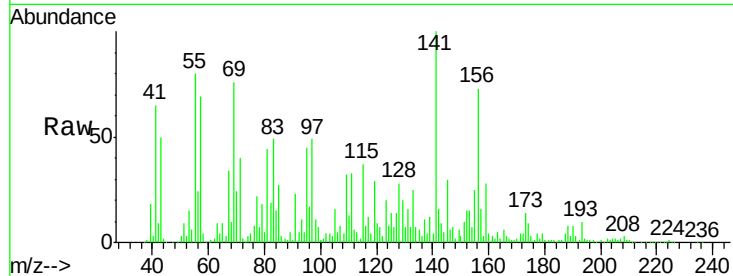




#48
Acenaphthylene
Concen: 8.47 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.03 min
Lab File: BF084277.D
Acq: 5 Jan 2016 10:34

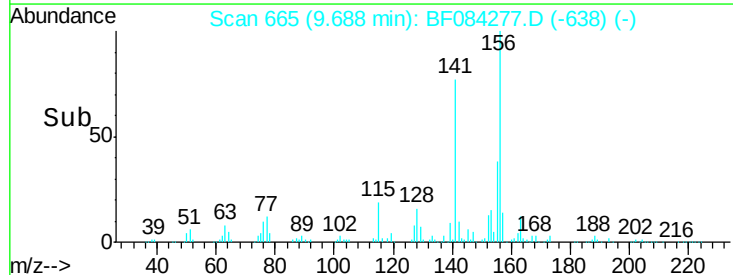
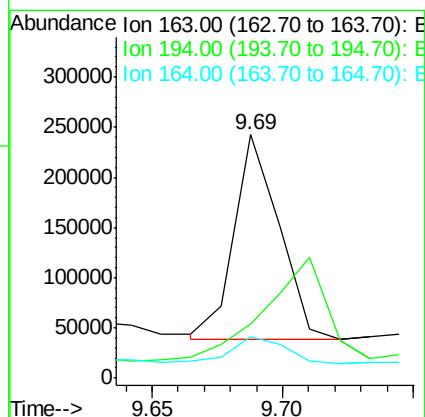
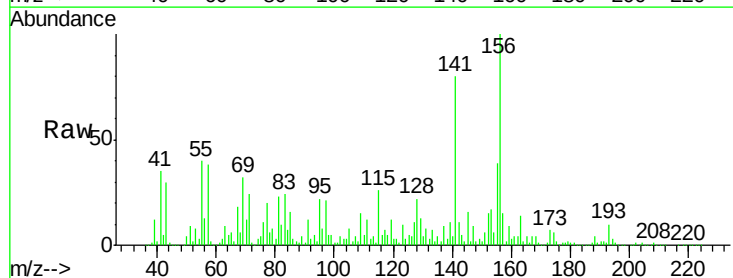
Instrument :
BNA_F
ClientSampled :

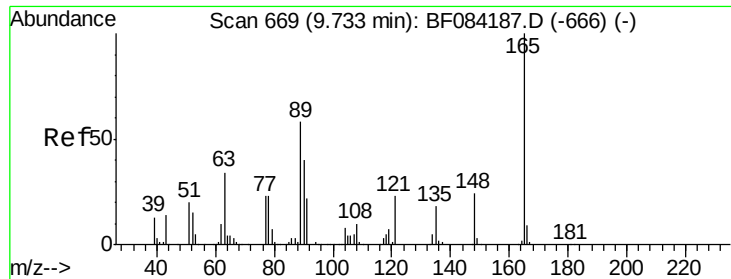
Tot Ion:152 Resp: 187313
Ion Ratio Lower Upper
152 100
151 64.4 16.3 24.5#
153 102.0 10.4 15.6#



#49
Dimethylphthalate
Concen: 14.32 ng
RT: 9.69 min Scan# 665
Delta R.T. 0.01 min
Lab File: BF084277.D
Acq: 5 Jan 2016 10:34

Tgt Ion:163 Resp: 245516
Ion Ratio Lower Upper
163 100
194 22.0 8.0 12.0#
164 17.2 8.0 12.0#

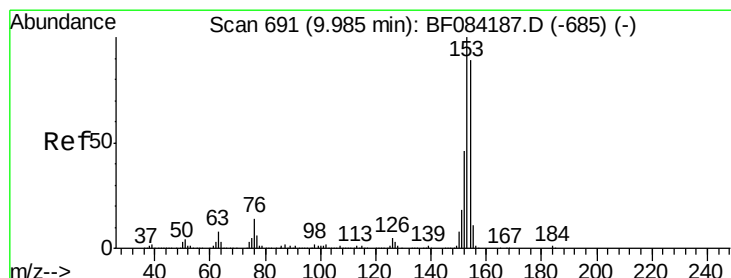
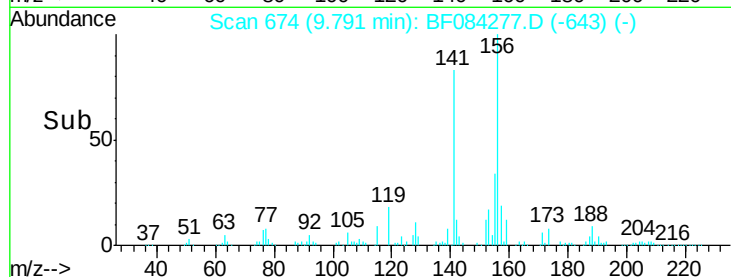
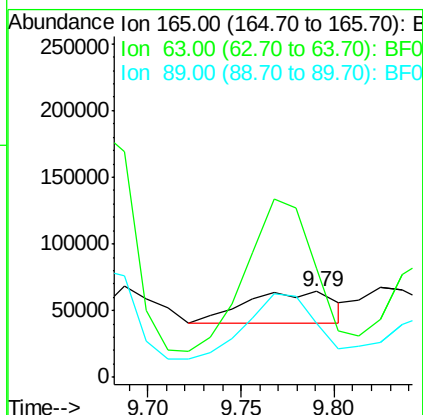
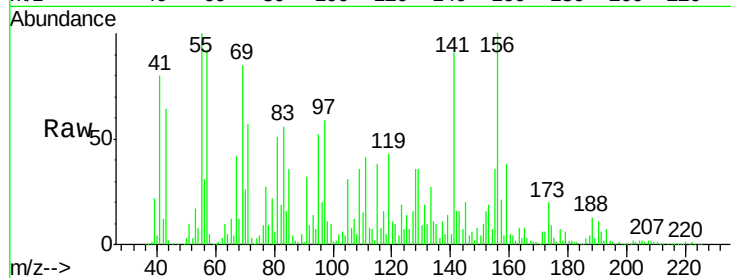




#50
2,6-Dinitrotoluene
Concen: 21.19 ng
RT: 9.79 min Scan# 674
Delta R.T. 0.06 min
Lab File: BF084277.D
Acq: 5 Jan 2016 10:34

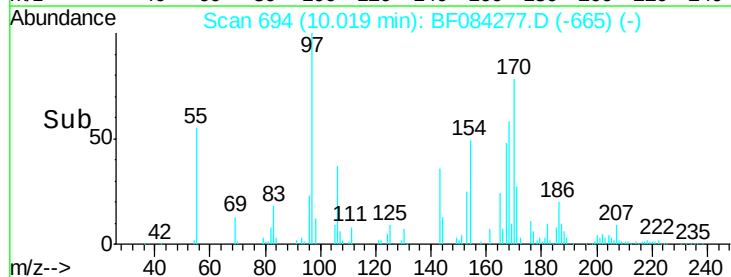
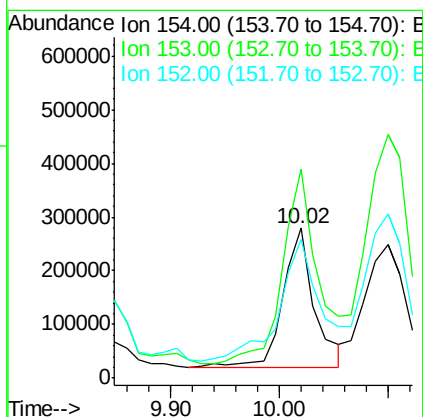
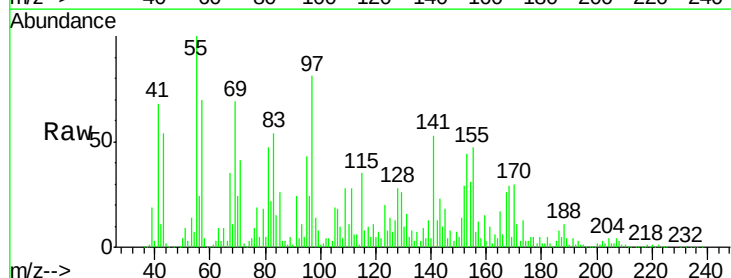
Instrument :
BNA_F
ClientSampled :

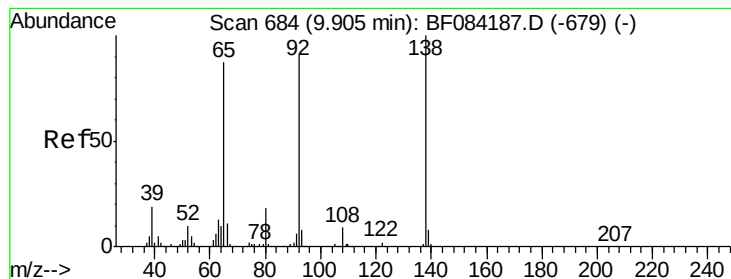
Tot Ion:165 Resp: 79680
Ion Ratio Lower Upper
165 100
63 127.2 28.8 43.2#
89 63.1 35.1 52.7#



#51
Acenaphthene
Concen: 35.18 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.04 min
Lab File: BF084277.D
Acq: 5 Jan 2016 10:34

Tgt Ion:154 Resp: 521861
Ion Ratio Lower Upper
154 100
153 139.7 91.5 137.3#
152 92.8 43.0 64.6#





#52

3-Nitroaniline

Concen: 11.73 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.03 min

Lab File: BF084277.D

Acq: 5 Jan 2016 10:34

Instrument :

BNA_F

ClientSampled :

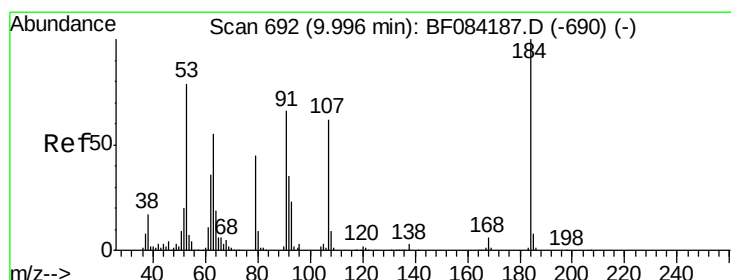
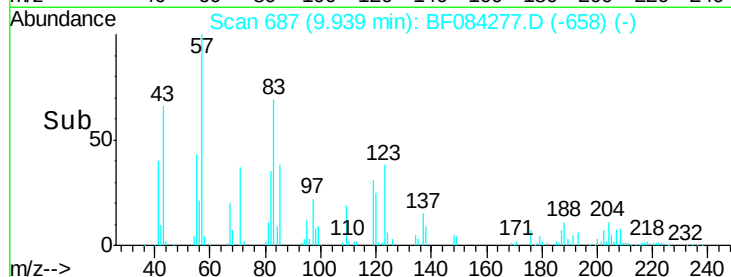
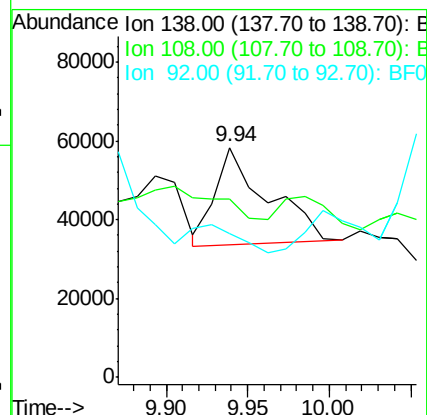
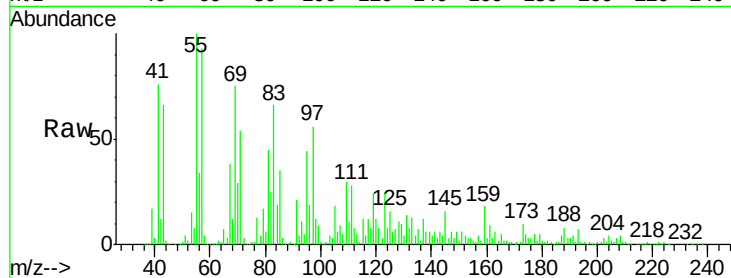
Tot Ion:138 Resp: 54649

Ion Ratio Lower Upper

138 100

108 77.5 10.5 15.7#

92 62.7 103.9 155.9#



#53

2,4-Dinitrophenol

Concen: 55.16 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.27 min

Lab File: BF084277.D

Acq: 5 Jan 2016 10:34

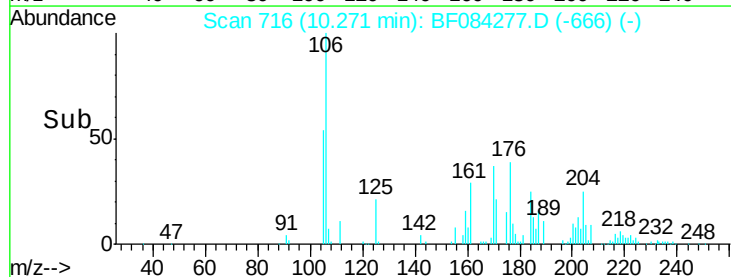
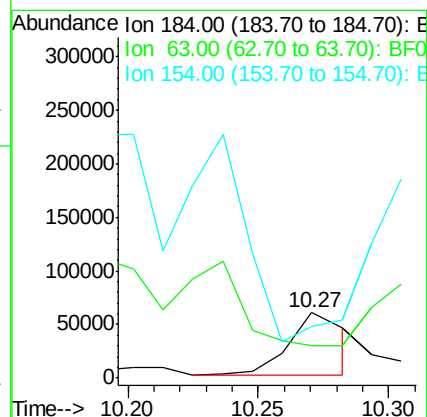
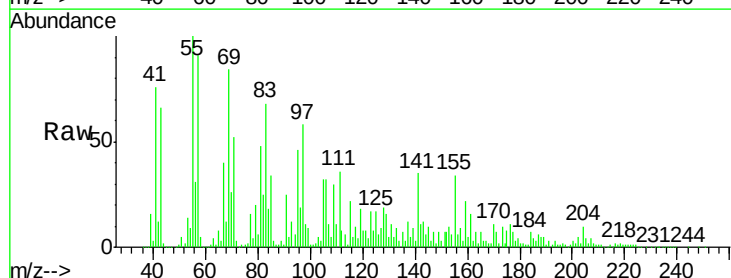
Tgt Ion:184 Resp: 86495

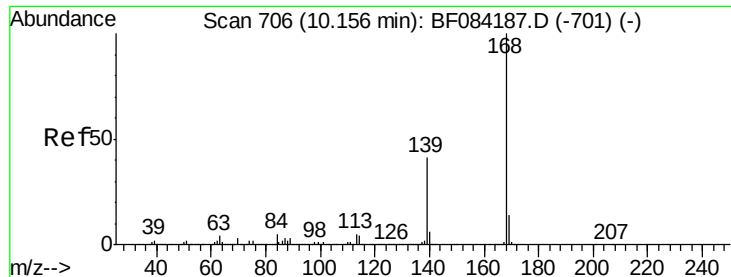
Ion Ratio Lower Upper

184 100

63 48.6 43.1 64.7

154 78.6 60.5 90.7





#54

Dibenzofuran

Concen: 35.25 ng

RT: 10.19 min Scan# 709

Delta R.T. 0.03 min

Lab File: BF084277.D

Acq: 5 Jan 2016 10:34

Instrument :

BNA_F

ClientSampled :

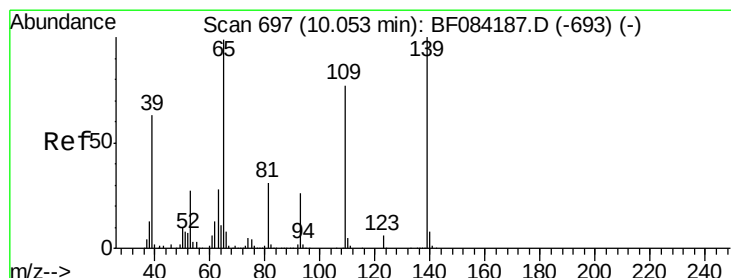
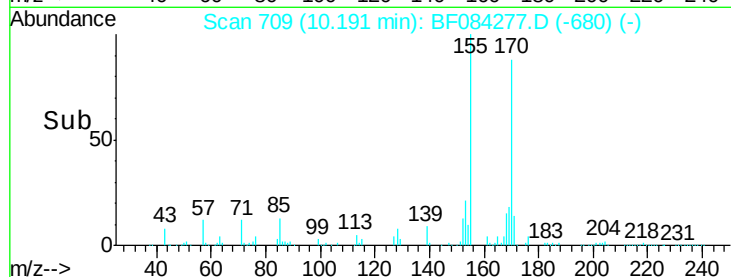
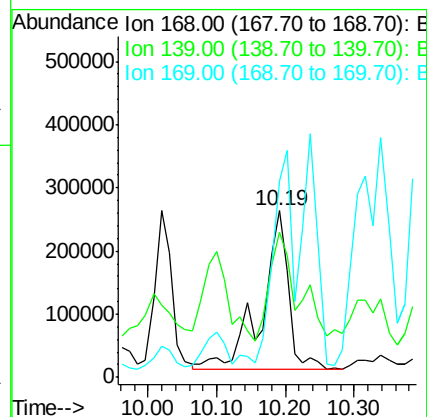
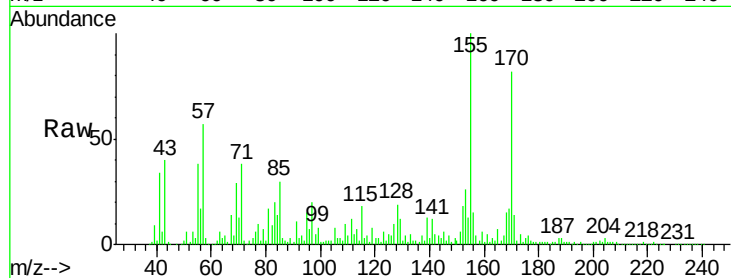
Tot Ion:168 Resp: 689559

Ion Ratio Lower Upper

168 100

139 87.3 30.5 45.7#

169 118.1 10.4 15.6#



#55

4-Nitrophenol

Concen: 103.20 ng

RT: 10.10 min Scan# 701

Delta R.T. 0.05 min

Lab File: BF084277.D

Acq: 5 Jan 2016 10:34

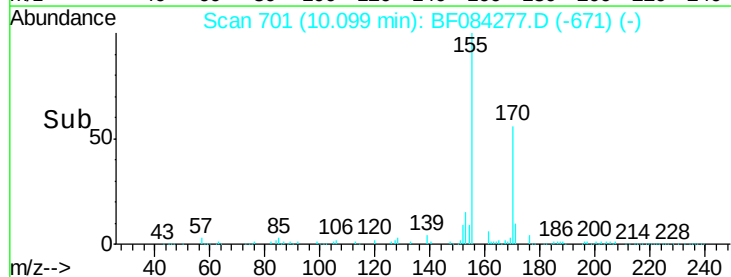
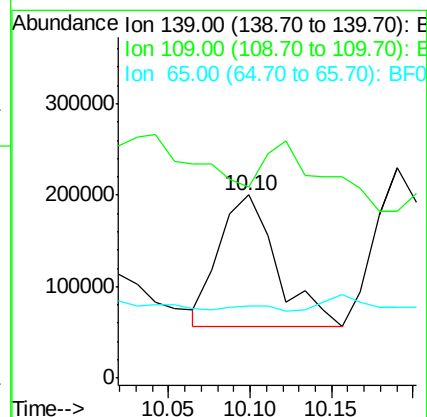
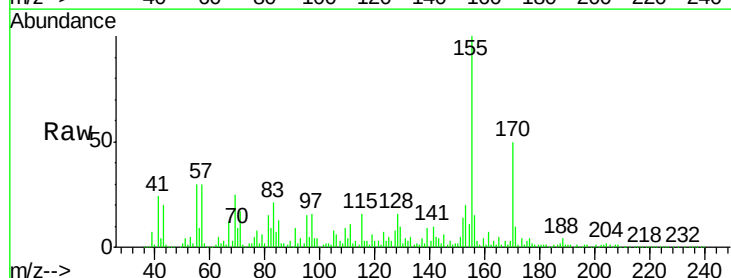
Tgt Ion:139 Resp: 348986

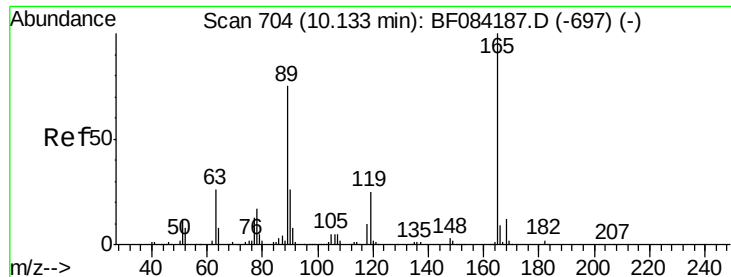
Ion Ratio Lower Upper

139 100

109 104.5 58.5 98.5#

65 39.2 57.6 97.6#

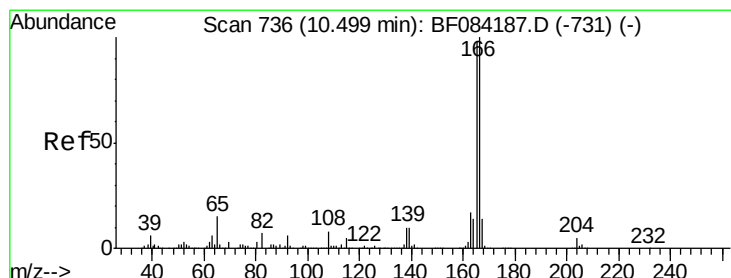
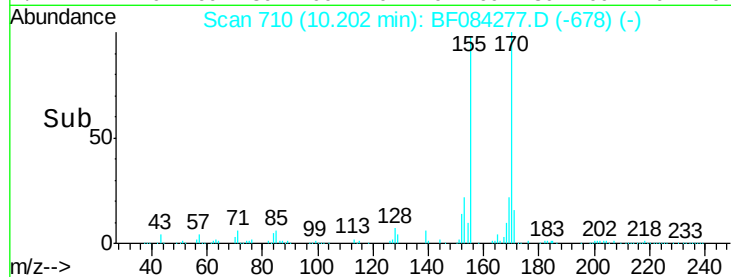
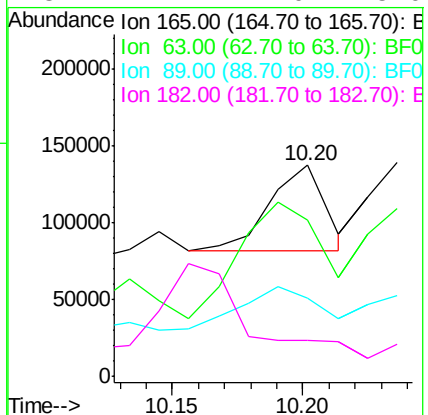
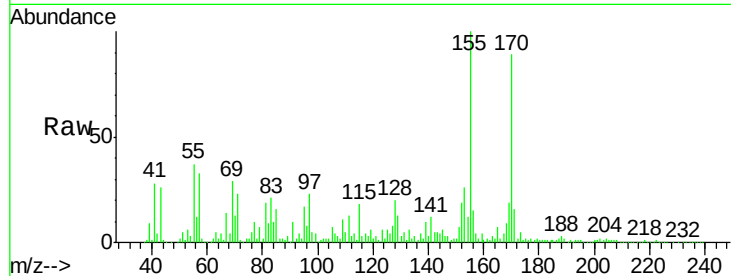




#56
2,4-Dinitrotoluene
Concen: 17.42 ng
RT: 10.20 min Scan# 710
Delta R.T. 0.07 min
Lab File: BF084277.D
Acq: 5 Jan 2016 10:34

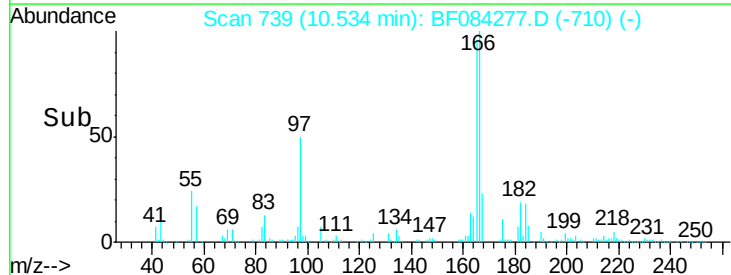
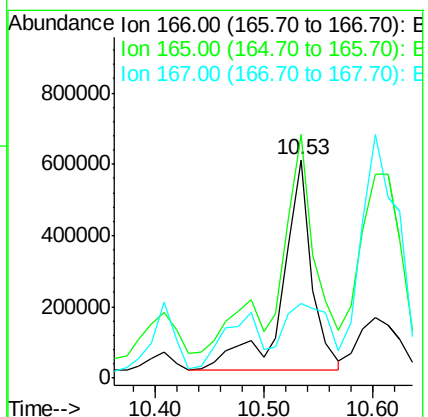
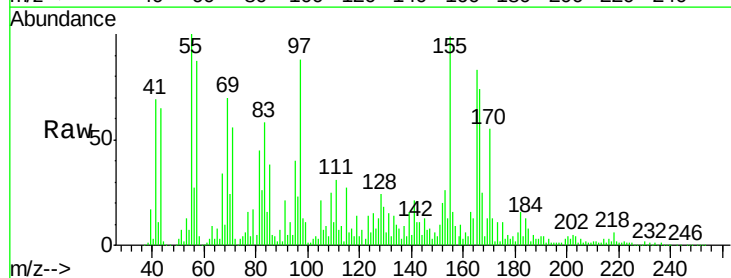
Instrument :
BNA_F
ClientSampleId :

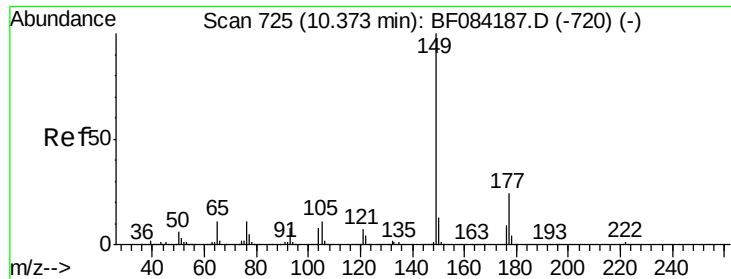
Tot Ion:165 Resp: 82883
Ion Ratio Lower Upper
165 100
63 73.9 36.7 55.1#
89 37.2 61.9 92.9#
182 17.2 2.0 3.0#



#57
Fluorene
Concen: 76.01 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.04 min
Lab File: BF084277.D
Acq: 5 Jan 2016 10:34

Tgt Ion:166 Resp: 1104919
Ion Ratio Lower Upper
166 100
165 111.4 79.1 118.7
167 34.0 10.4 15.6#

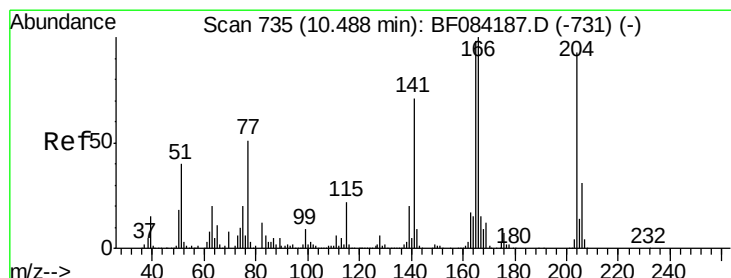
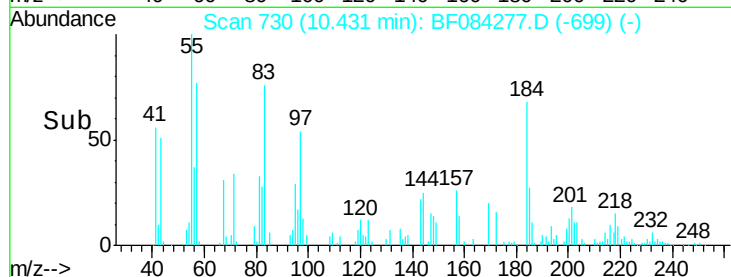
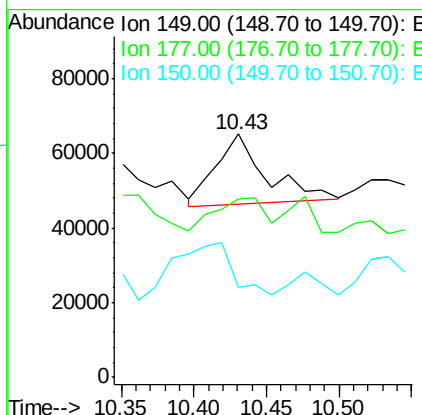
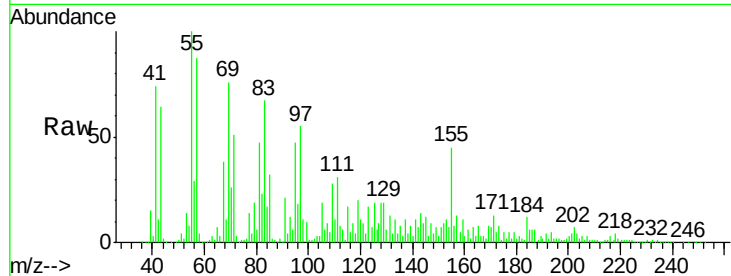




#59
Diethylphthalate
Concen: 2.68 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.06 min
Lab File: BF084277.D
Acq: 5 Jan 2016 10:34

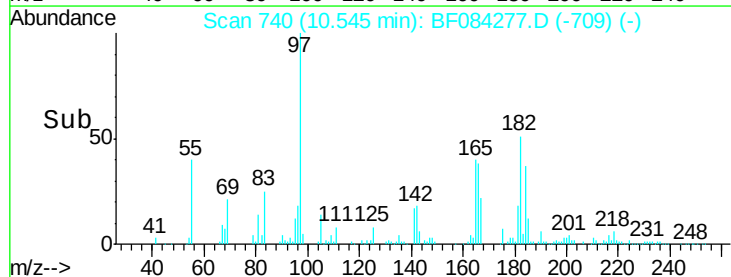
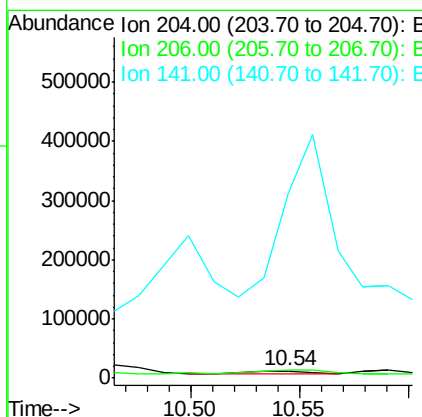
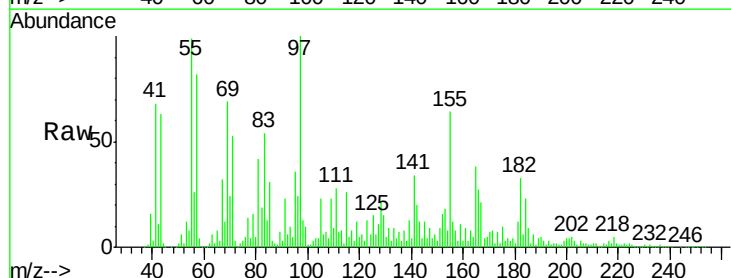
Instrument :
BNA_F
ClientSampleId :

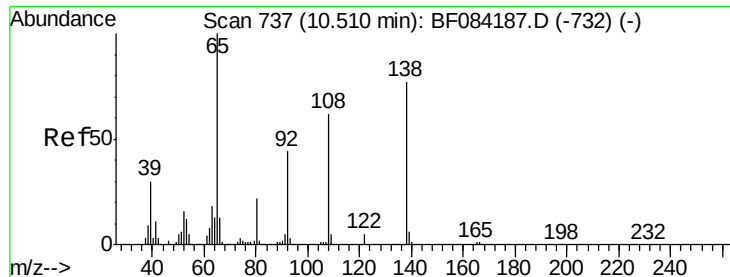
Tot Ion:149 Resp: 45228
Ion Ratio Lower Upper
149 100
177 73.2 17.3 25.9#
150 36.8 9.8 14.8#



#60
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.54 min Scan# 740
Delta R.T. 0.06 min
Lab File: BF084277.D
Acq: 5 Jan 2016 10:34

Tgt Ion:204 Resp: 8019
Ion Ratio Lower Upper
204 100
206 117.4 25.7 38.5#
141 2609.2 55.1 82.7#

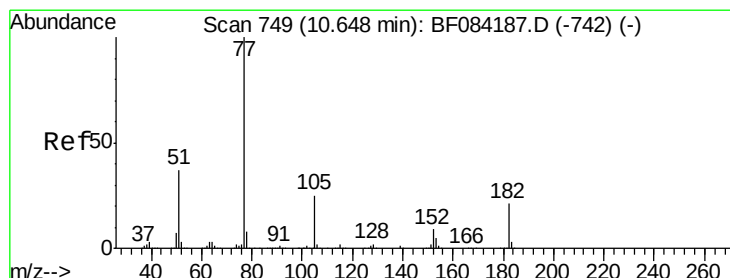
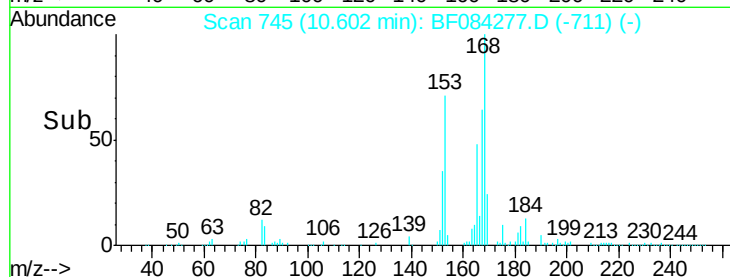
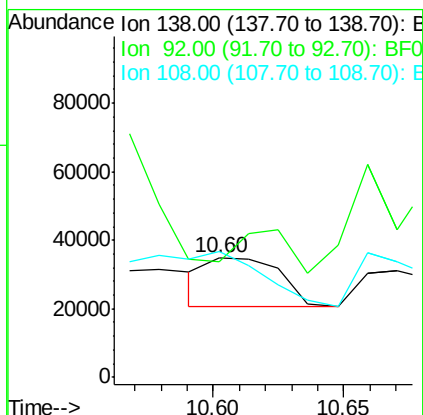
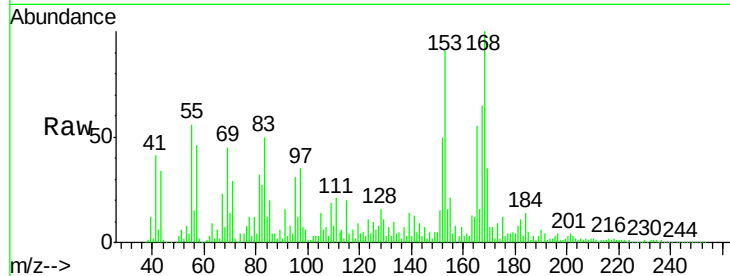




#61
4-Nitroaniline
Concen: 6.54 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.09 min
Lab File: BF084277.D
Acq: 5 Jan 2016 10:34

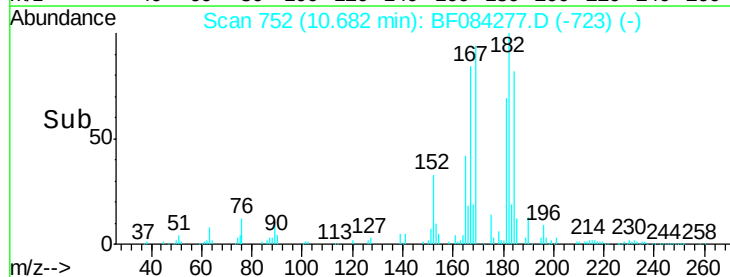
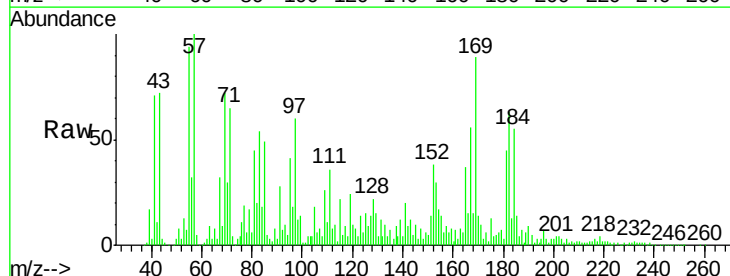
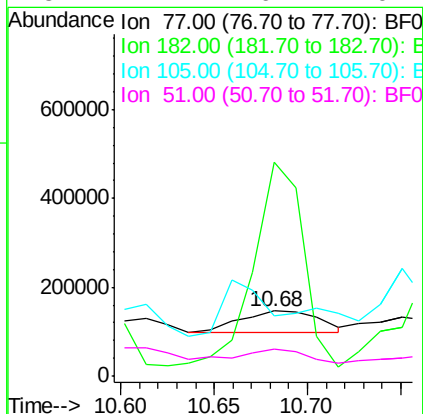
Instrument :
BNA_F
ClientSampleId :

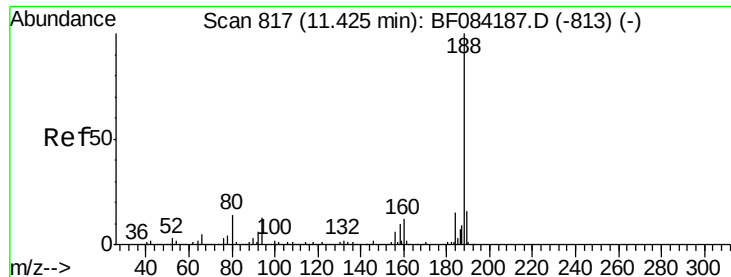
Tot Ion:138 Resp: 27163
Ion Ratio Lower Upper
138 100
92 96.4 32.6 72.6#
108 105.0 68.6 108.6



#62
Azobenzene
Concen: 7.69 ng
RT: 10.68 min Scan# 752
Delta R.T. 0.03 min
Lab File: BF084277.D
Acq: 5 Jan 2016 10:34

Tgt Ion: 77 Resp: 142574
Ion Ratio Lower Upper
77 100
182 328.7 8.3 48.3#
105 91.7 4.6 44.6#
51 42.4 6.2 46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.46 min Scan# 820

Delta R.T. 0.03 min

Lab File: BF084277.D

Acq: 5 Jan 2016 10:34

Instrument :

BNA_F

ClientSampleId :

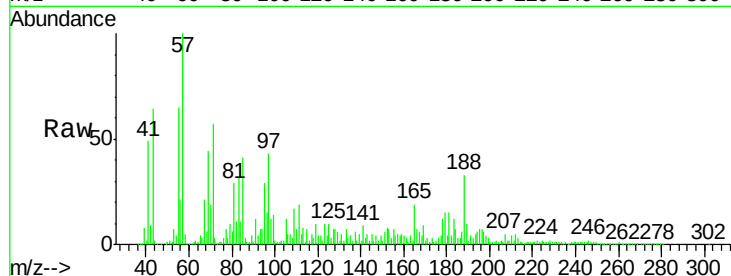
Tot Ion:188 Resp: 387190

Ion Ratio Lower Upper

188 100

94 20.1 9.0 13.4#

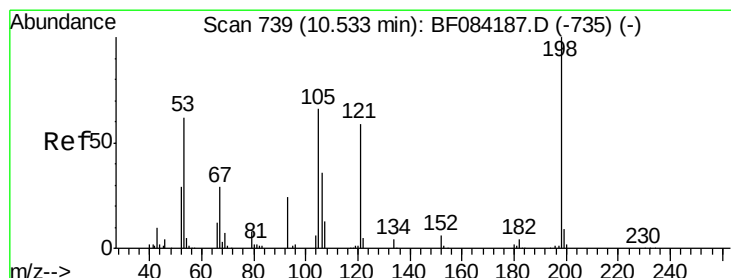
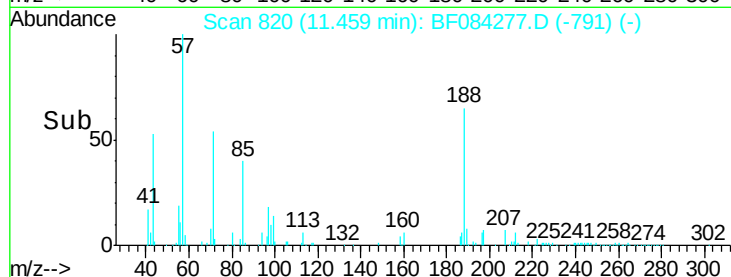
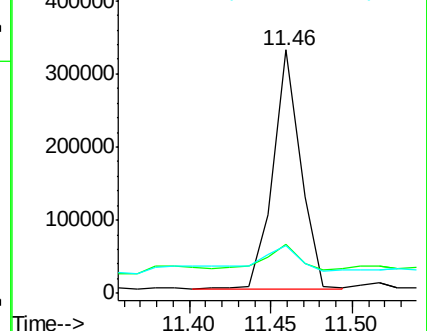
80 19.4 9.6 14.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 8.90 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.07 min

Lab File: BF084277.D

Acq: 5 Jan 2016 10:34

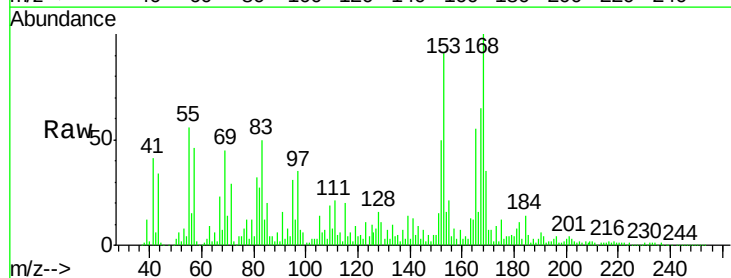
Tgt Ion:198 Resp: 8036

Ion Ratio Lower Upper

198 100

51 614.1 18.9 58.9#

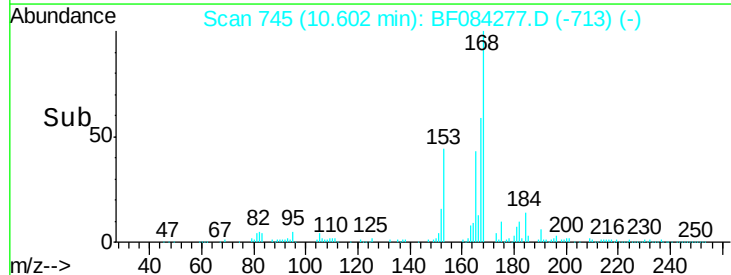
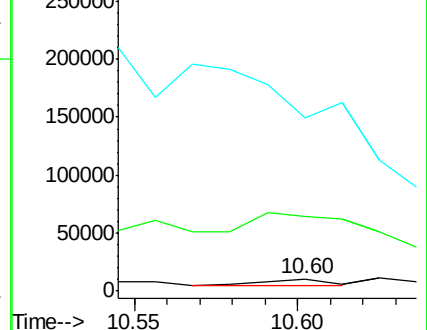
105 1418.0 26.4 66.4#

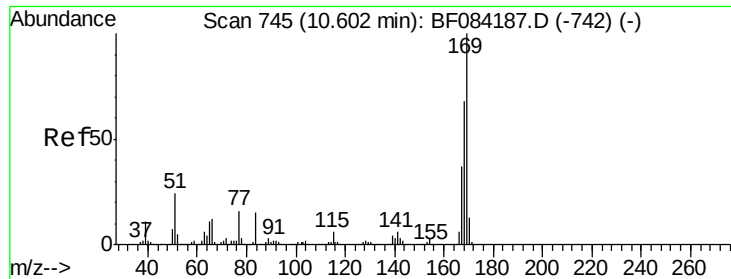


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 148.97 ng

RT: 10.65 min Scan# 749

Delta R.T. 0.05 min

Lab File: BF084277.D

Acq: 5 Jan 2016 10:34

Instrument :

BNA_F

ClientSampleId :

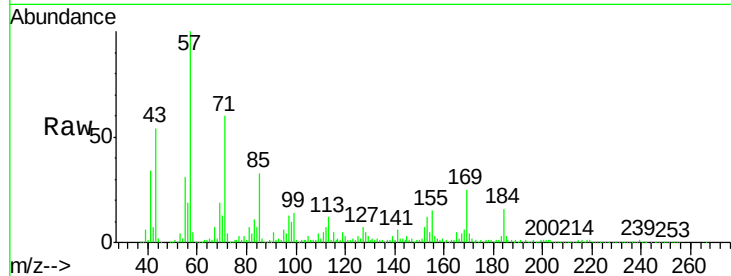
Tot Ion:169 Resp: 1844193

Ion Ratio Lower Upper

169 100

168 23.6 55.1 82.7#

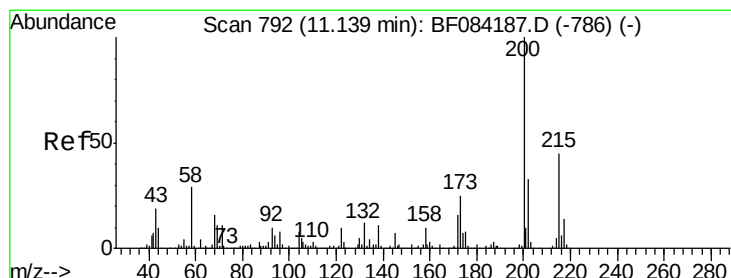
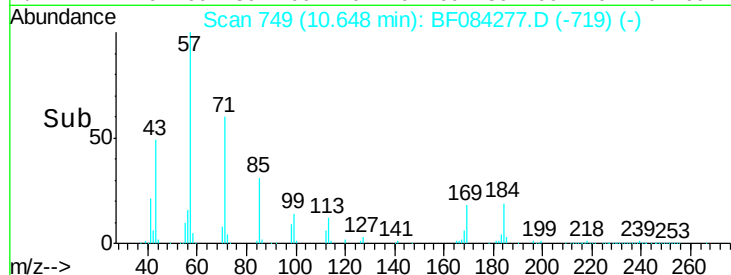
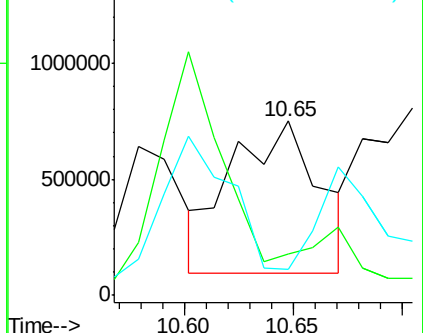
167 14.9 30.0 45.0#



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



#68

Atrazine

Concen: 12.81 ng

RT: 11.18 min Scan# 796

Delta R.T. 0.05 min

Lab File: BF084277.D

Acq: 5 Jan 2016 10:34

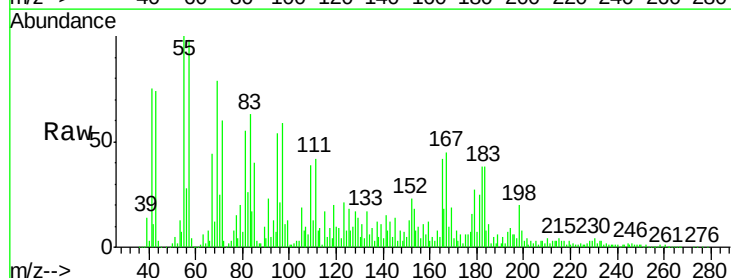
Tgt Ion:200 Resp: 51896

Ion Ratio Lower Upper

200 100

173 182.1 9.5 49.5#

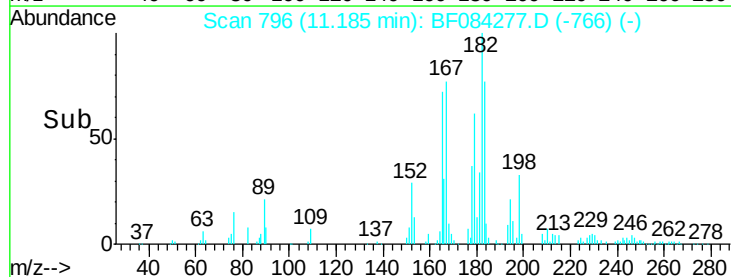
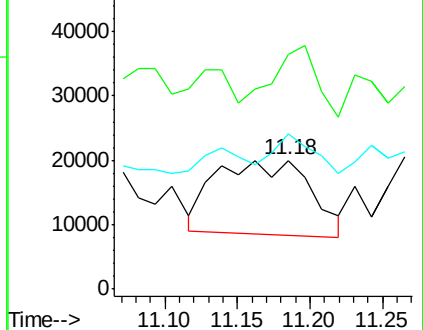
215 120.2 23.8 63.8#

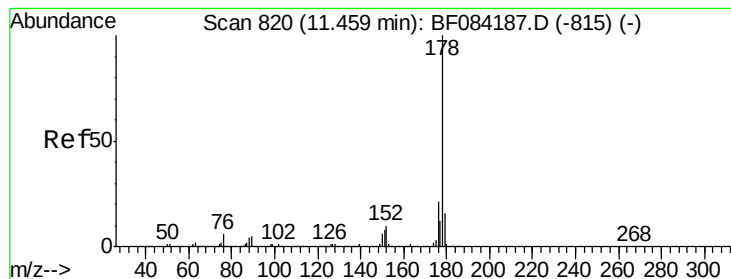


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Phenanthrene

Concen: 151.03 ng

RT: 11.49 min Scan# 823

Delta R.T. 0.03 min

Lab File: BF084277.D

Acq: 5 Jan 2016 10:34

Instrument :

BNA_F

ClientSampleId :

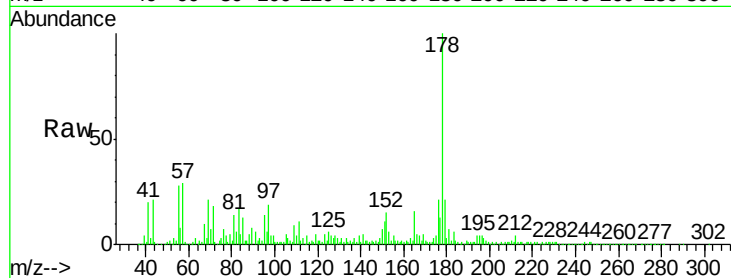
Tot Ion:178 Resp: 3058860

Ion Ratio Lower Upper

178 100

176 21.0 15.3 22.9

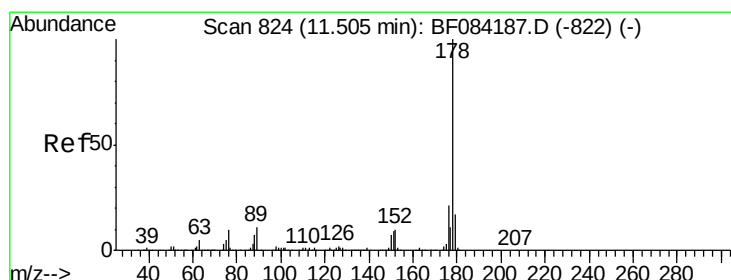
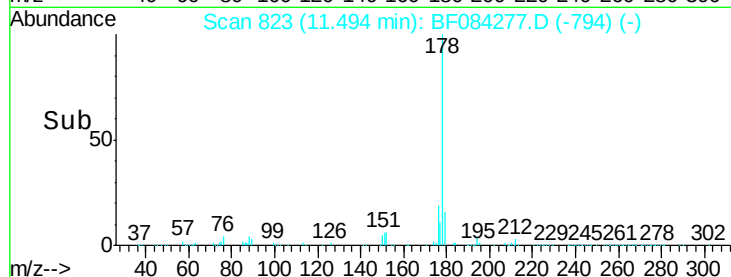
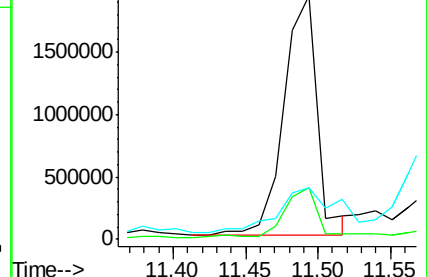
179 21.5 12.0 18.0#



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



#71

Anthracene

Concen: 67.28 ng

RT: 11.57 min Scan# 830

Delta R.T. 0.07 min

Lab File: BF084277.D

Acq: 5 Jan 2016 10:34

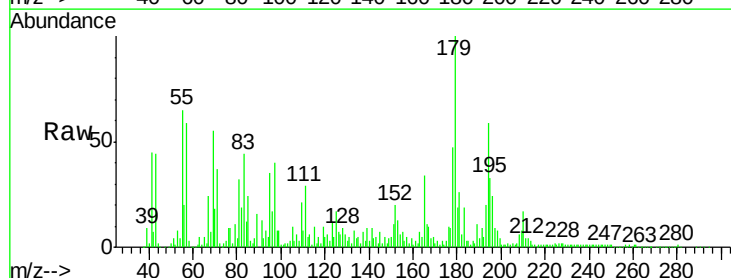
Tgt Ion:178 Resp: 1335826

Ion Ratio Lower Upper

178 100

176 21.7 15.4 23.0

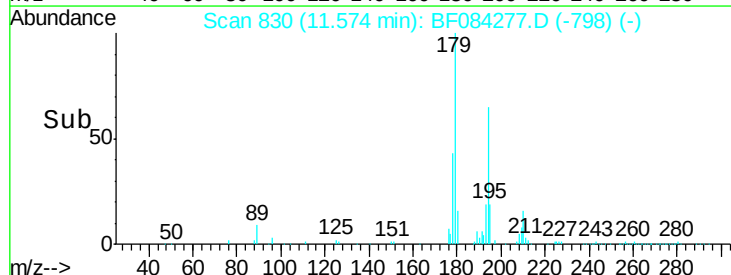
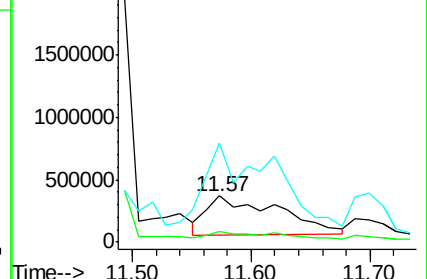
179 214.4 12.5 18.7#

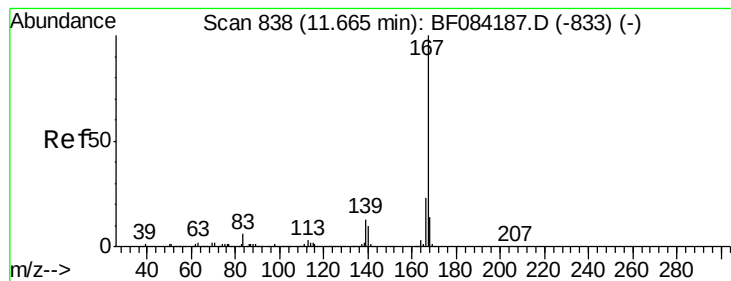


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 2.17 ng

RT: 11.73 min Scan# 844

Delta R.T. 0.07 min

Lab File: BF084277.D

Acq: 5 Jan 2016 10:34

Instrument :

BNA_F

ClientSampled :

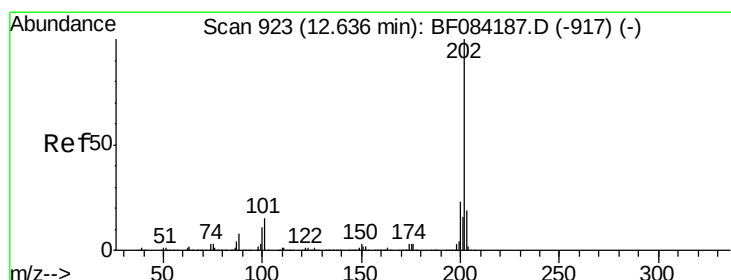
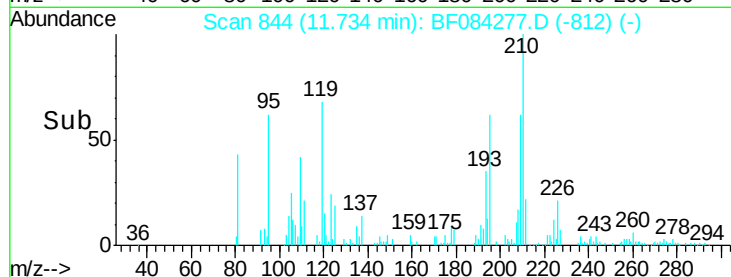
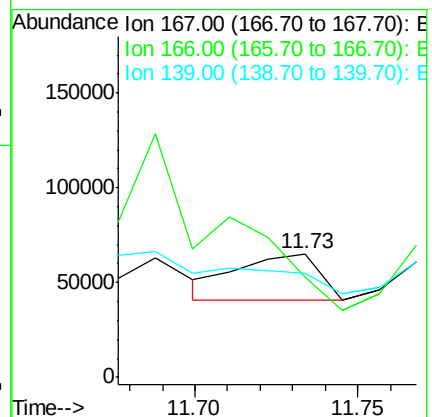
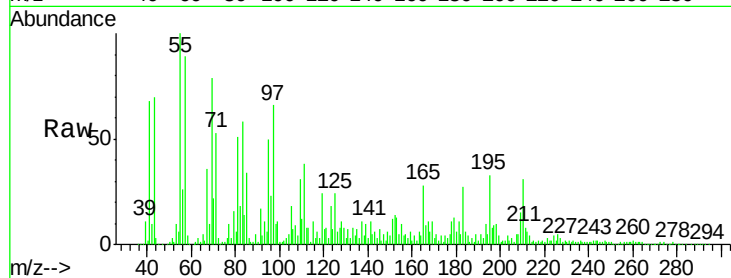
Tot Ion:167 Resp: 42056

Ion Ratio Lower Upper

167 100

166 81.5 17.6 26.4#

139 84.4 11.8 17.8#



#74

Fluoranthene

Concen: 8.23 ng

RT: 12.65 min Scan# 924

Delta R.T. 0.01 min

Lab File: BF084277.D

Acq: 5 Jan 2016 10:34

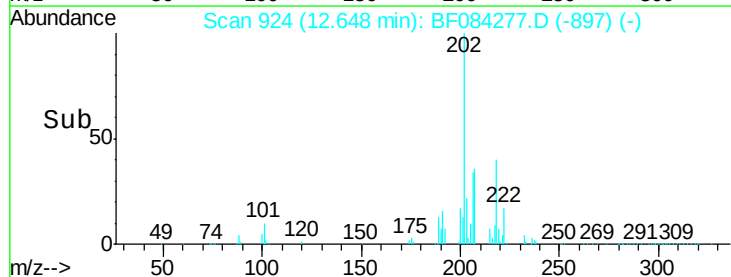
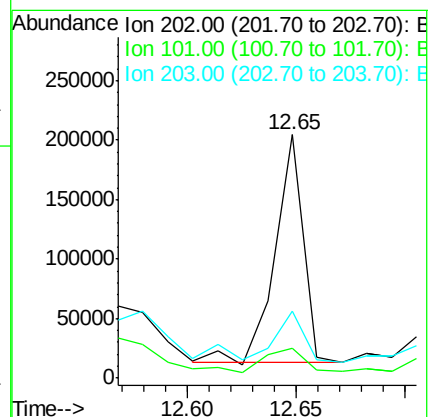
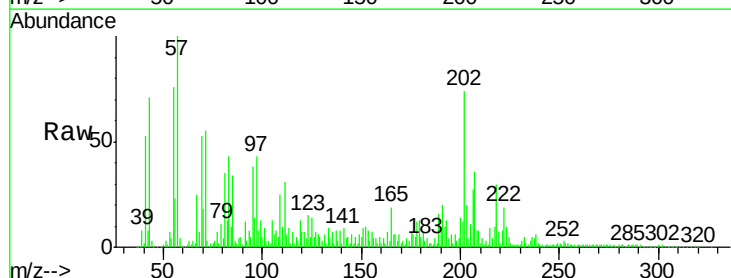
Tgt Ion:202 Resp: 174226

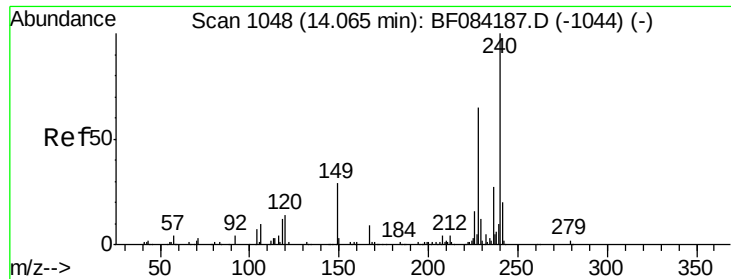
Ion Ratio Lower Upper

202 100

101 12.1 0.0 32.8

203 27.3 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF084277.D

Acq: 5 Jan 2016 10:34

Instrument :

BNA_F

ClientSampleId :

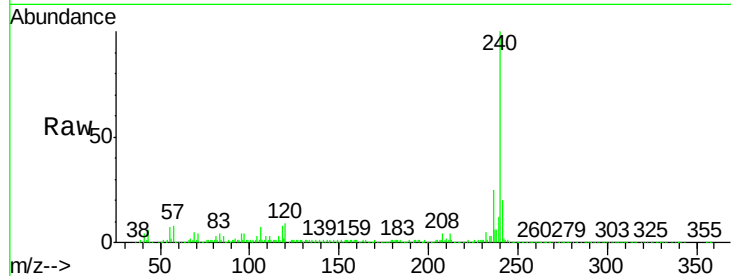
Tot Ion:240 Resp: 532894

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

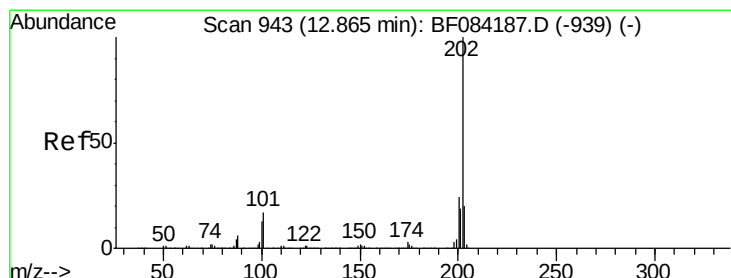
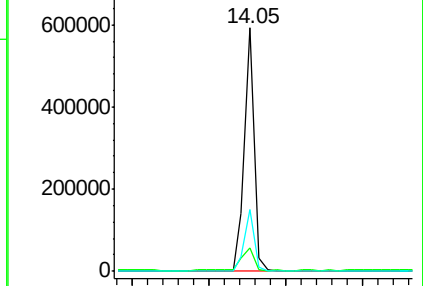
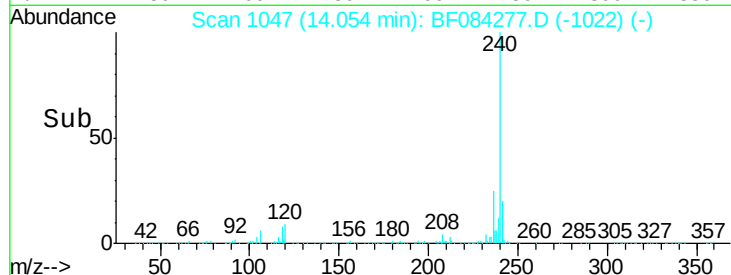
236 25.4 20.6 31.0



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

Pyrene

Concen: 7.89 ng

RT: 12.87 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF084277.D

Acq: 5 Jan 2016 10:34

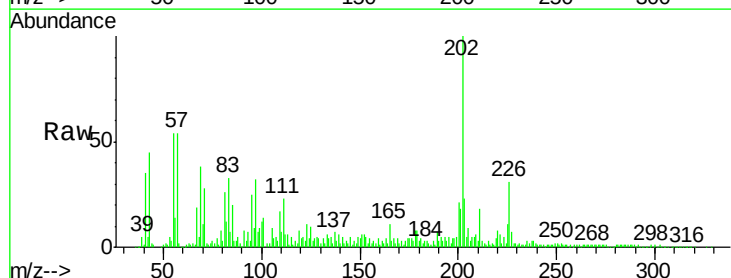
Tgt Ion:202 Resp: 329903

Ion Ratio Lower Upper

202 100

200 21.4 17.2 25.8

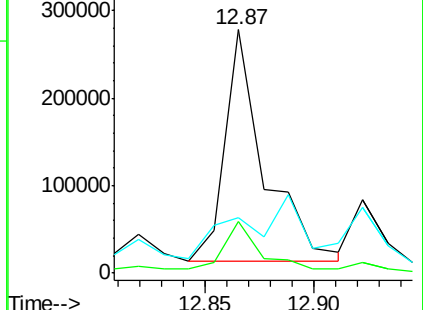
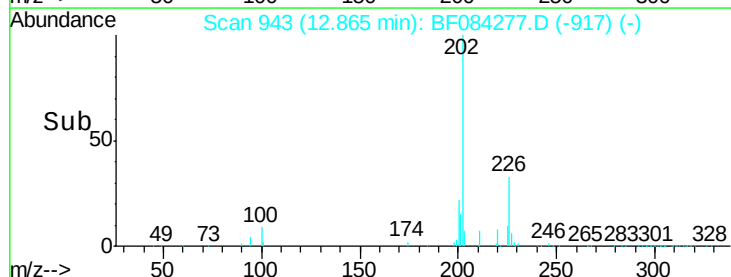
203 23.0 14.3 21.5#

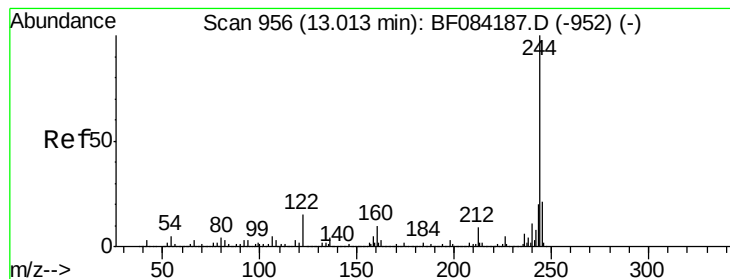


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 70.06 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF084277.D

Acq: 5 Jan 2016 10:34

Instrument :

BNA_F

ClientSampleId :

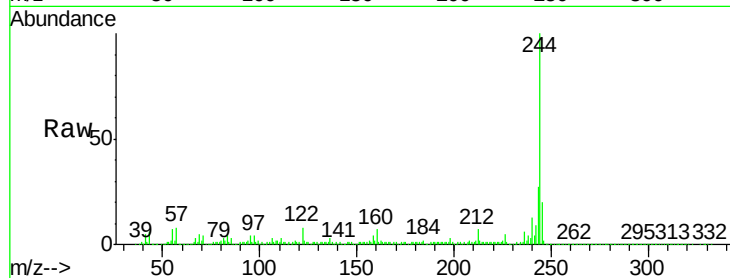
Tot Ion:244 Resp: 1672513

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

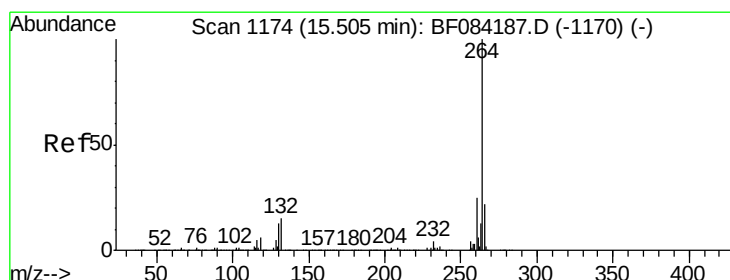
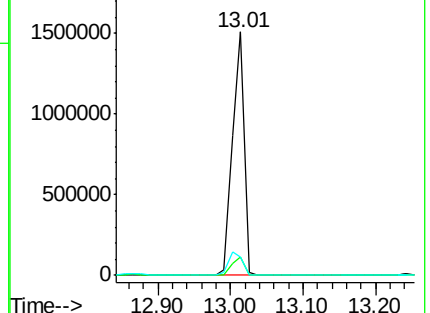
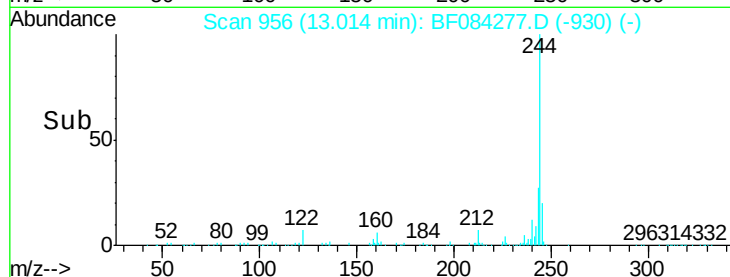
122 7.7 7.4 11.0



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.49 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF084277.D

Acq: 5 Jan 2016 10:34

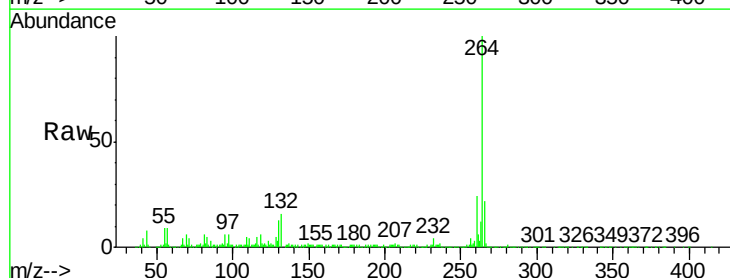
Tgt Ion:264 Resp: 507446

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 21.5 17.8 26.6



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

