

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032816\
 Data File : BF085840.D
 Acq On : 29 Mar 2016 9:24
 Operator : UM/SJ
 Sample : H1834-06
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 29 11:11:26 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	106439	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	299102	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	112571	20.00	ng	0.02
63) Phenanthrene-d10	11.36	188	208918	20.00	ng	0.01
75) Chrysene-d12	13.98	240	208827	20.00	ng	0.00
86) Perylene-d12	15.40	264	216117	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	770647	120.58	ng	0.01
7) Phenol-d6	6.46	99	959036	118.02	ng	0.00
23) Nitrobenzene-d5	7.38	82	523348	98.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	135402	126.60	ng	0.02
44) 2-Fluorobiphenyl	9.20	172	677669	100.58	ng	0.01
78) Terphenyl-d14	12.93	244	518323	51.05	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.33	77	15069	3.08	ng	# 1
15) Benzyl Alcohol	6.97	79	21141	3.90	ng	# 48
18) Hexachloroethane	7.29	117	67226	22.64	ng	# 1
19) n-Nitroso-di-n-propylamine	7.25	70	52974	10.89	ng	# 66
22) Acetophenone	7.22	105	53225	7.64	ng	# 20
24) Nitrobenzene	7.36	77	53883	9.84	ng	# 38
25) Isophorone	7.64	82	117067	11.44	ng	# 1
26) 2-Nitrophenol	7.74	139	18170	6.63	ng	# 1
27) 2,4-Dimethylphenol	7.76	122	19998	4.18	ng	# 1
28) bis(2-Chloroethoxy)methane	7.91	93	41630	7.14	ng	# 1
29) 2,4-Dichlorophenol	7.96	162	14279	3.55	ng	# 1
31) Naphthalene	8.14	128	547611	36.33	ng	# 88
32) Benzoic acid	7.91	122	17015	5.35	ng	# 7
33) 4-Chloroaniline	8.14	127	130839	21.26	ng	# 18
35) Caprolactam	8.55	113	160977	112.91	ng	# 46
36) 4-Chloro-3-methylphenol	8.64	107	43775	9.31	ng	# 37
37) 2-Methylnaphthalene	8.84	142	708568	Below	Cal	97
42) 2,4,6-Trichlorophenol	9.10	196	10171	4.51	ng	# 13
43) 2,4,5-Trichlorophenol	9.10	196	10171	4.30	ng	# 1
45) 1,1'-Biphenyl	9.29	154	53521	5.63	ng	# 92
48) Acenaphthylene	9.75	152	35471	3.12	ng	# 1
49) Dimethylphthalate	9.59	163	107520	12.59	ng	# 61
50) 2,6-Dinitrotoluene	9.66	165	45360	24.67	ng	# 77
51) Acenaphthene	9.91	154	61202	8.80	ng	# 79
52) 3-Nitroaniline	9.83	138	33196	15.78	ng	# 22
53) 2,4-Dinitrophenol	9.93	184	1053	7.09	ng	# 1
54) Dibenzofuran	10.08	168	34390	3.82	ng	# 1
55) 4-Nitrophenol	9.99	139	60092	43.84	ng	# 23
56) 2,4-Dinitrotoluene	10.09	165	21212	9.08	ng	# 68
57) Fluorene	10.44	166	100724	13.47	ng	# 74
61) 4-Nitroaniline	10.30	138	12320	6.12	ng	# 95
62) Azobenzene	10.58	77	30676	3.78	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.49	198	3365	2.75	ng	# 1
65) n-Nitrosodiphenylamine	10.55	169	366640	55.41	ng	# 46

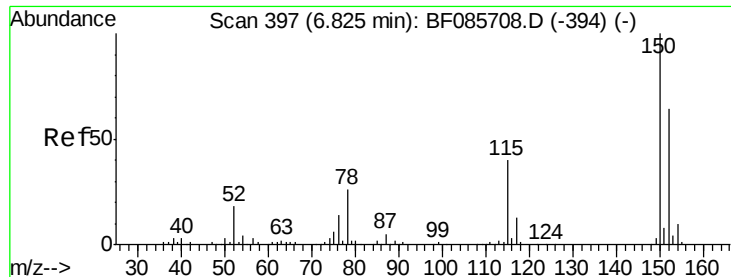
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032816\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 15:27:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) Atrazine	11.06	200	16871	7.55	ng	# 1
69) Pentachlorophenol	11.20	266	9395	8.56	ng	# 26
70) Phenanthrene	11.40	178	407469	37.98	ng	# 91
71) Anthracene	11.40	178	407469	36.18	ng	# 91
74) Fluoranthene	12.79	202	107007	9.38	ng	91
77) Pyrene	12.79	202	110667	6.45	ng	# 92

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

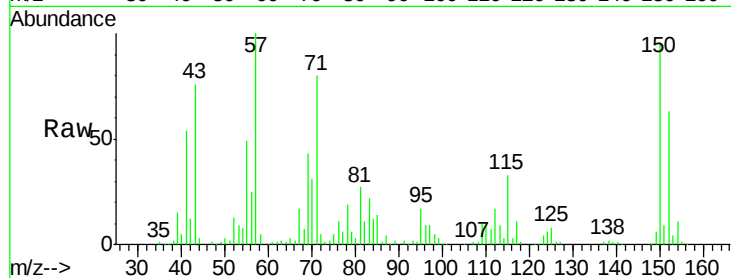


#1

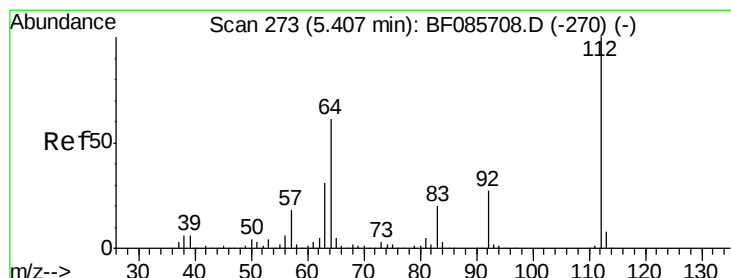
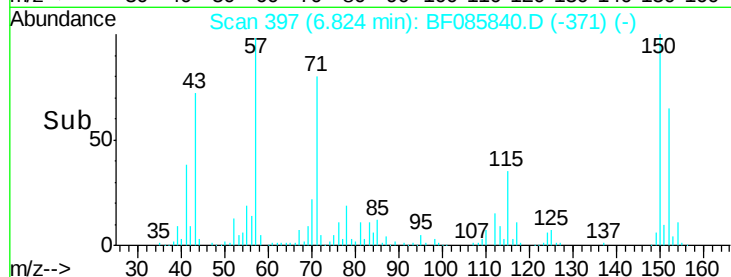
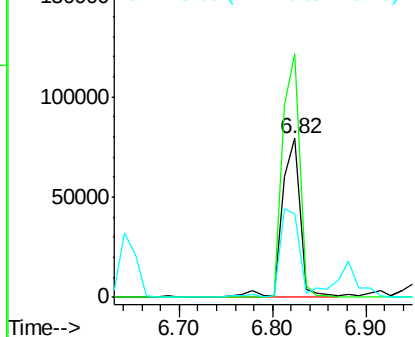
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF085840.D
Acq: 29 Mar 2016 9:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 106439
Ion Ratio Lower Upper
152 100
150 153.1 124.2 186.2
115 52.9 47.0 70.6



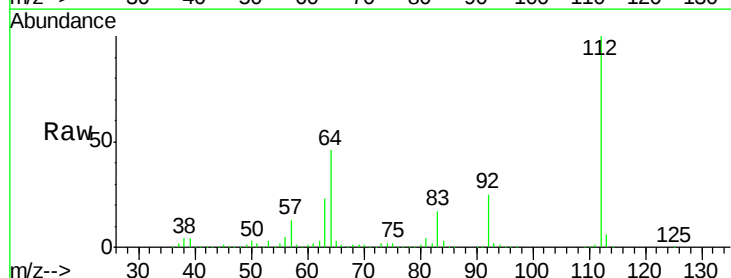
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



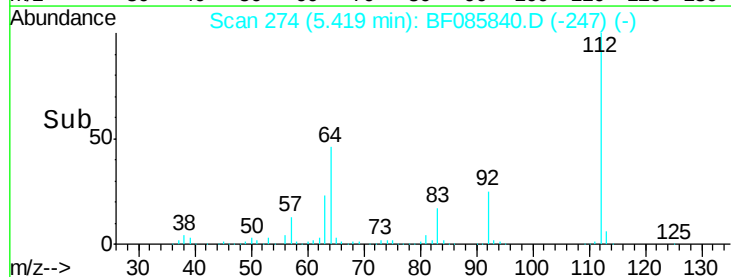
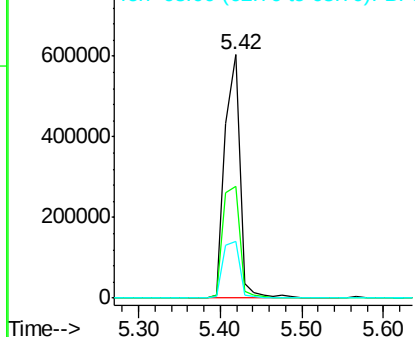
#5

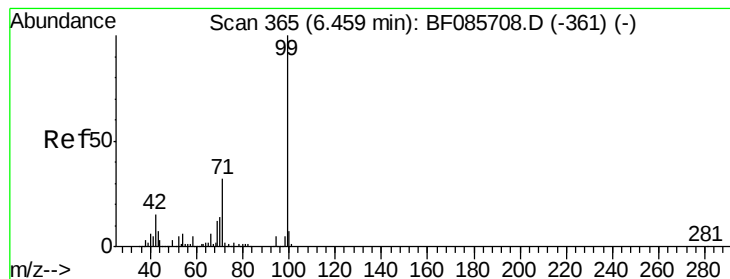
2-Fluorophenol
Concen: 120.58 ng
RT: 5.42 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF085840.D
Acq: 29 Mar 2016 9:24

Tgt Ion:112 Resp: 770647
Ion Ratio Lower Upper
112 100
64 46.0 39.9 59.9
63 23.2 20.2 30.2



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: 118.02 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085840.D

Acq: 29 Mar 2016 9:24

Instrument :

BNA_F

ClientSampleId :

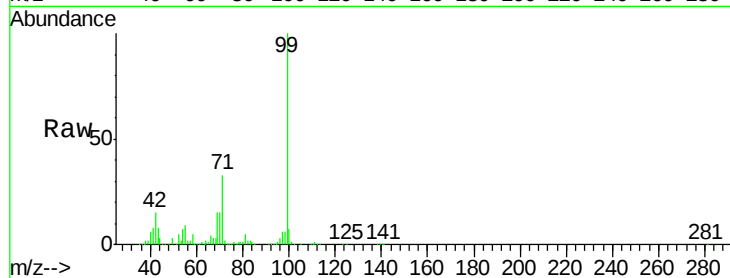
Tot Ion: 99 Resp: 959036

Ion Ratio Lower Upper

99 100

42 14.7 11.1 16.7

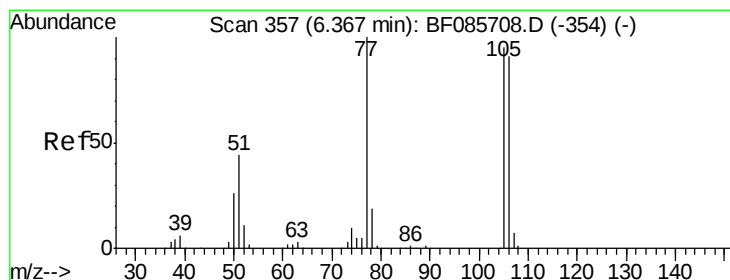
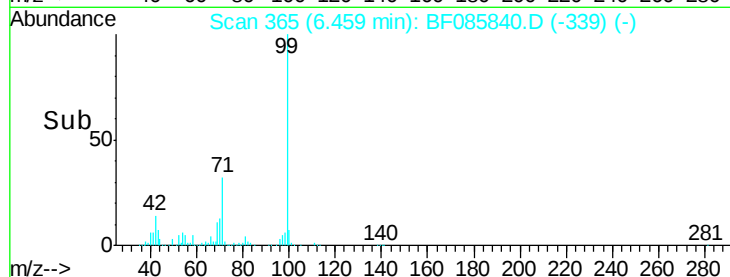
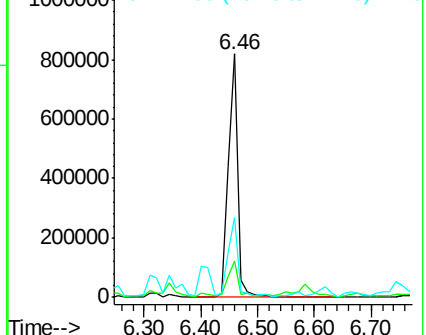
71 32.6 24.9 37.3



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



#9

Benzaldehyde

Concen: 3.08 ng

RT: 6.33 min Scan# 354

Delta R.T. -0.03 min

Lab File: BF085840.D

Acq: 29 Mar 2016 9:24

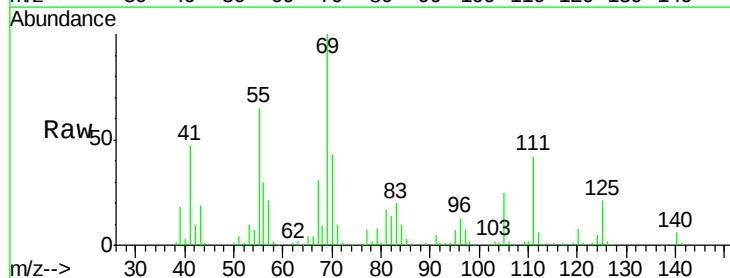
Tgt Ion: 77 Resp: 15069

Ion Ratio Lower Upper

77 100

105 374.8 80.1 120.1#

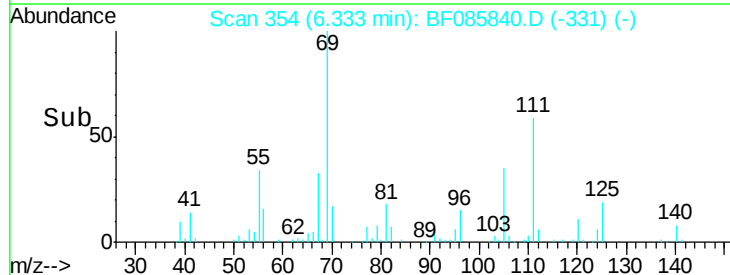
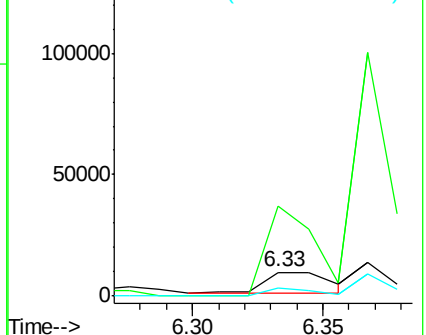
106 35.6 75.0 115.0#

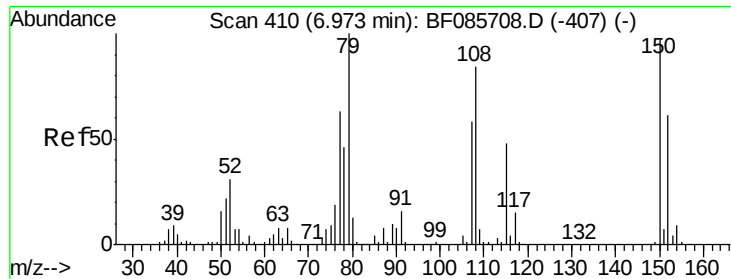


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 3.90 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF085840.D

Acq: 29 Mar 2016 9:24

Instrument :

BNA_F

ClientSampleId :

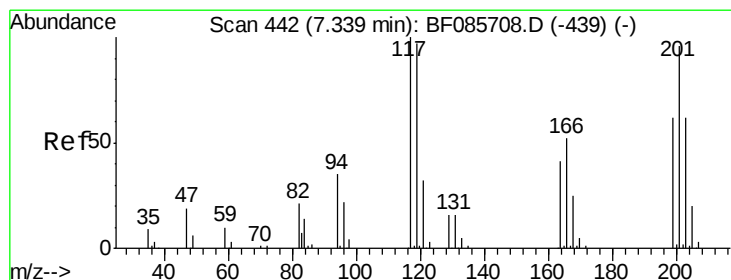
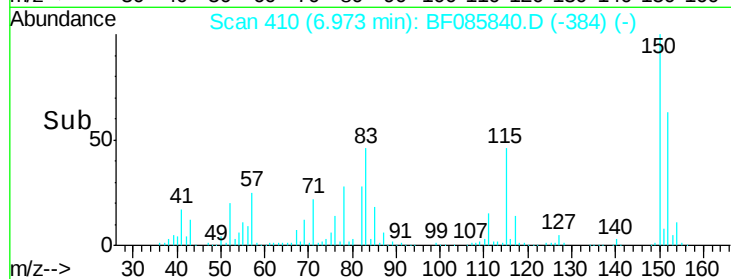
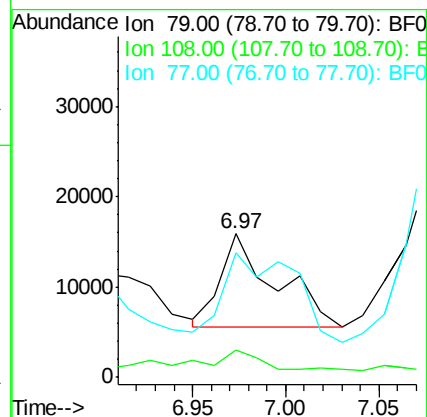
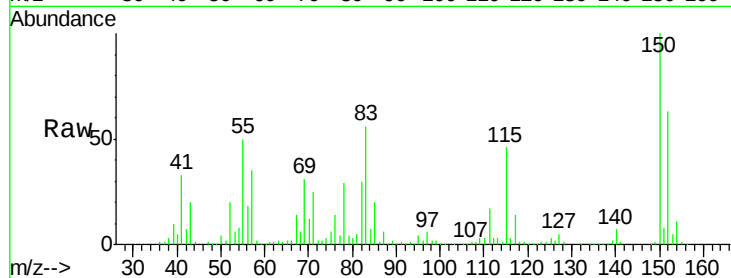
Tot Ion: 79 Resp: 21141

Ion Ratio Lower Upper

79 100

108 18.7 61.8 92.6#

77 86.7 49.6 74.4#



#18

Hexachloroethane

Concen: 22.64 ng

RT: 7.29 min Scan# 438

Delta R.T. -0.05 min

Lab File: BF085840.D

Acq: 29 Mar 2016 9:24

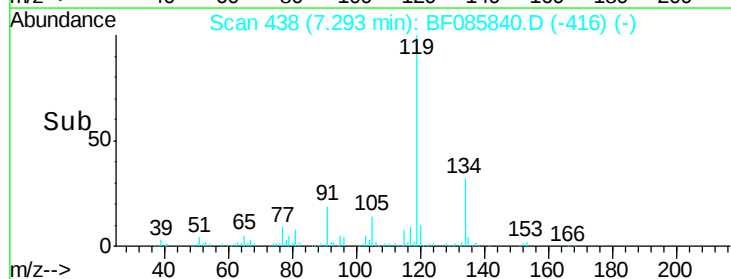
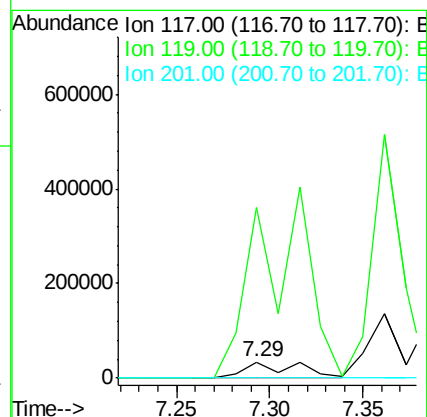
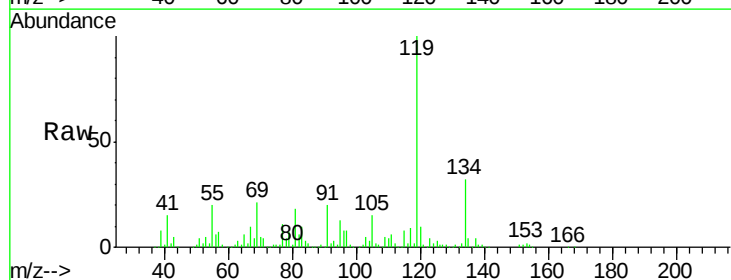
Tgt Ion: 117 Resp: 67226

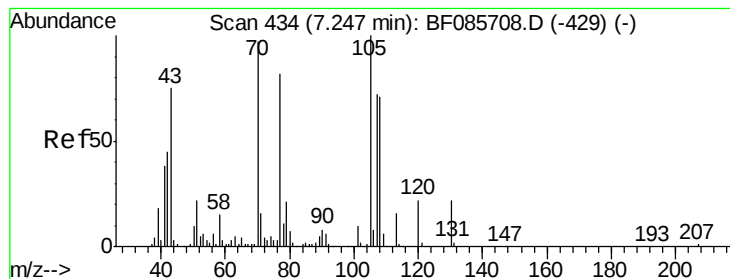
Ion Ratio Lower Upper

117 100

119 1084.8 76.7 115.1#

201 0.0 83.3 124.9#





#19

n-Nitroso-di-n-propylamine

Concen: 10.89 ng

RT: 7.25 min Scan# 434

Delta R.T. -0.00 min

Lab File: BF085840.D

Acq: 29 Mar 2016 9:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 52974

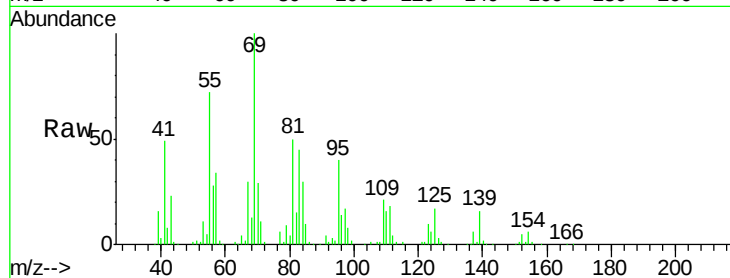
Ion Ratio Lower Upper

70 100

42 28.4 37.1 55.7#

101 0.0 8.6 12.8#

130 0.0 19.6 29.4#



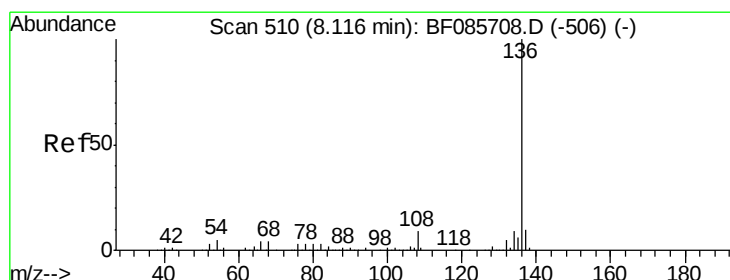
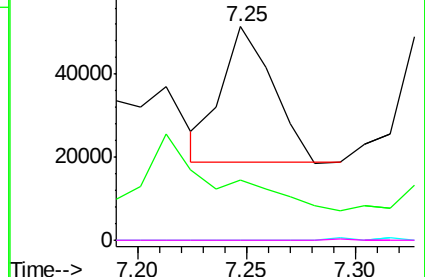
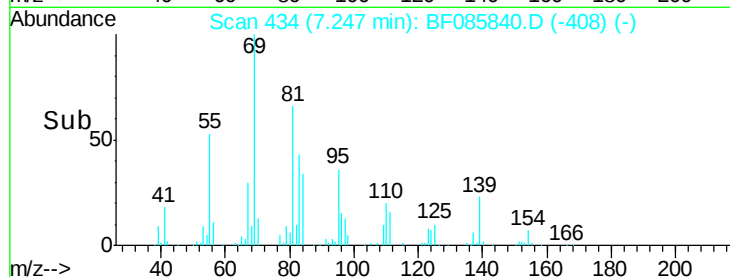
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF085840.D

Acq: 29 Mar 2016 9:24

Tgt Ion:136 Resp: 299102

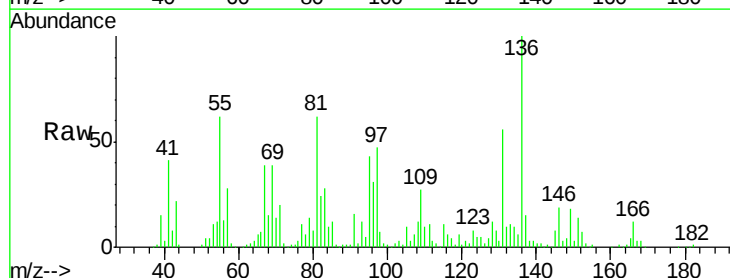
Ion Ratio Lower Upper

136 100

137 15.3 9.1 13.7#

54 11.9 7.4 11.0#

68 14.9 5.8 8.8#



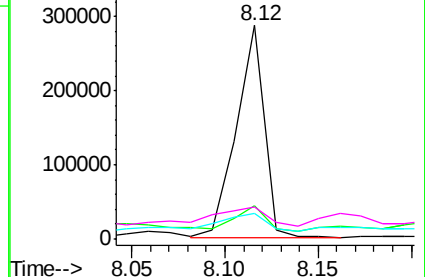
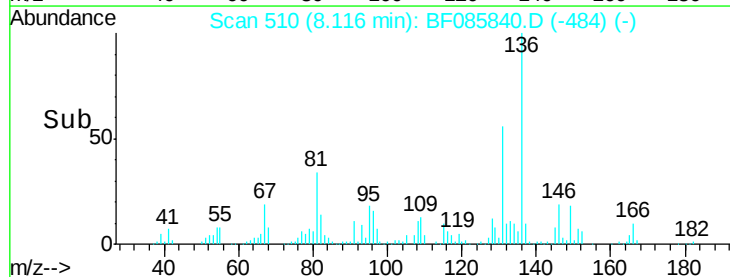
Abundance Ion 136.00 (135.70 to 136.70): E

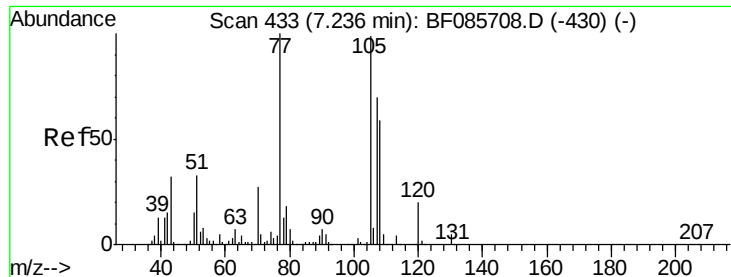
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Time-->





#22

Acetophenone

Concen: 7.64 ng

RT: 7.22 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF085840.D

Acq: 29 Mar 2016 9:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 53225

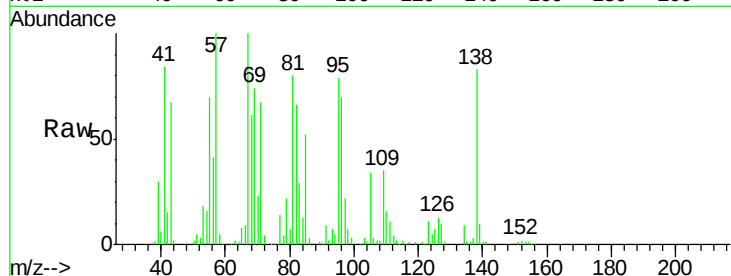
Ion Ratio Lower Upper

105 100

71 197.7 3.6 5.4#

51 14.7 25.4 38.0#

120 0.0 16.9 25.3#



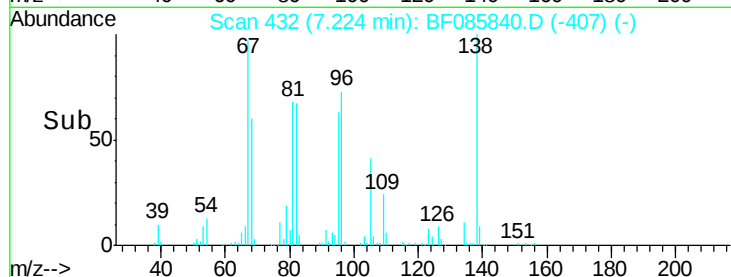
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

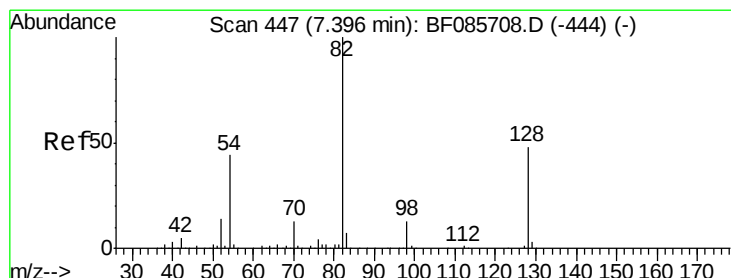
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

Time-->



Time-->



#23

Nitrobenzene-d5

Concen: 98.53 ng

RT: 7.38 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF085840.D

Acq: 29 Mar 2016 9:24

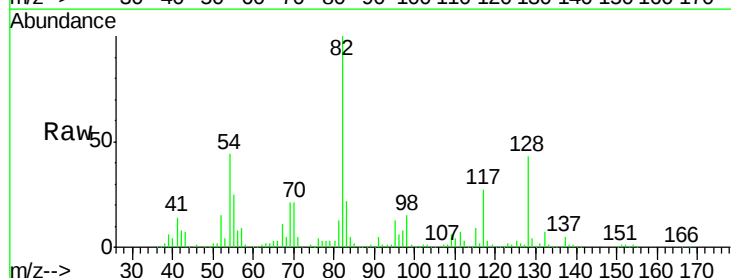
Tgt Ion: 82 Resp: 523348

Ion Ratio Lower Upper

82 100

128 42.5 41.8 62.8

54 44.5 33.4 50.0

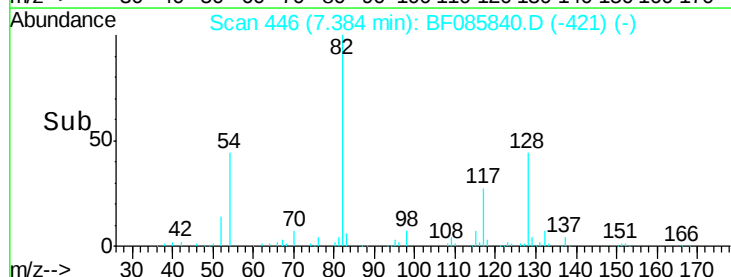


Abundance Ion 82.00 (81.70 to 82.70): BF0

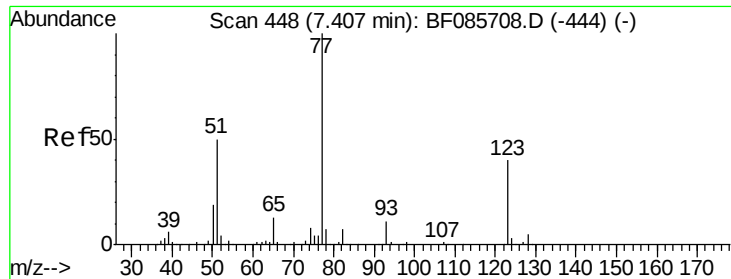
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->



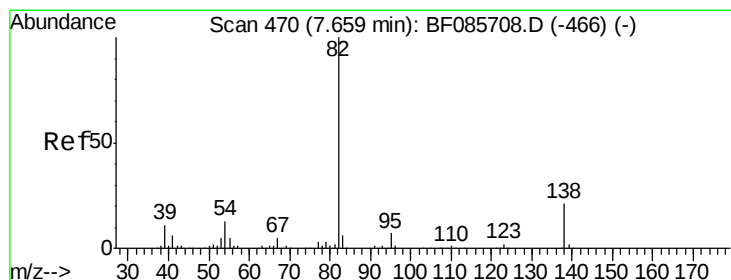
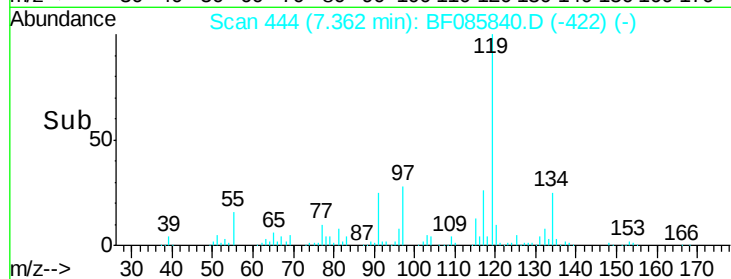
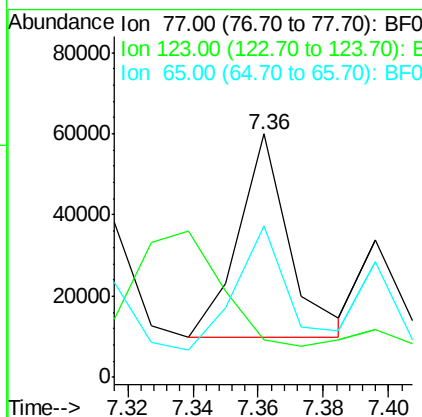
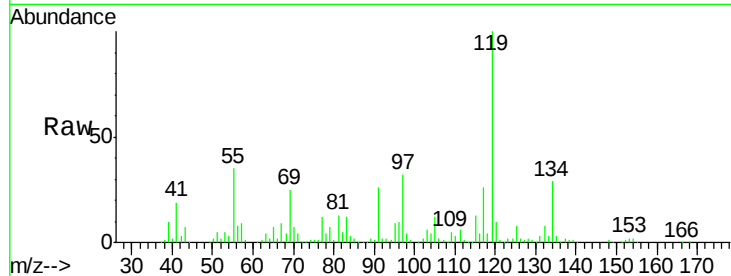
Time-->



#24
 Nitrobenzene
 Concen: 9.84 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.05 min
 Lab File: BF085840.D
 Acq: 29 Mar 2016 9:24

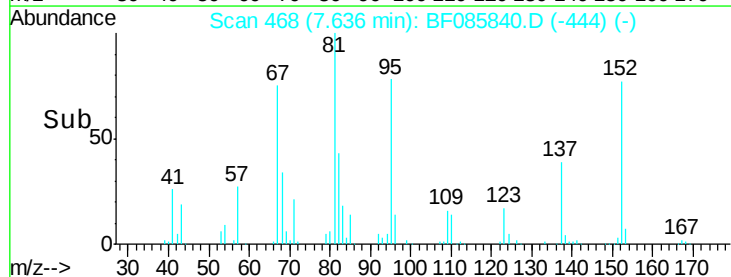
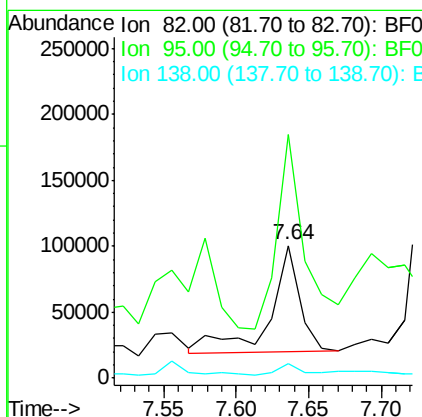
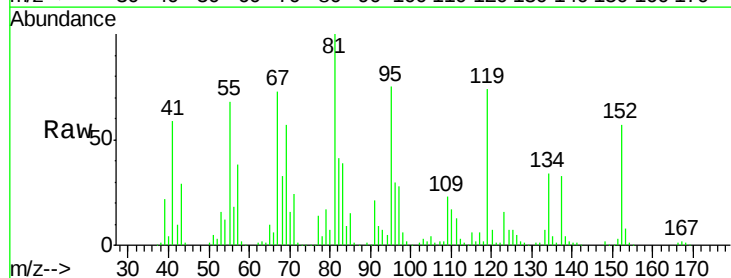
Instrument :
 BNA_F
 ClientSampled :

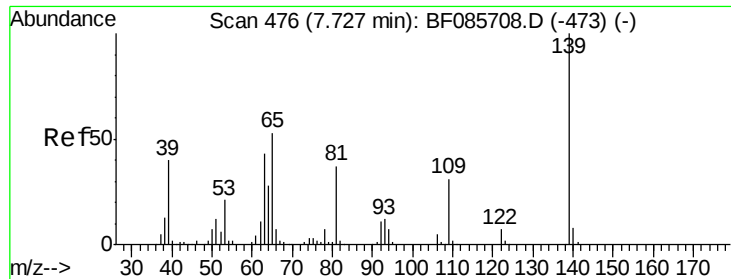
Tot Ion	77	Resp	53883
Ion Ratio	Lower	Upper	
77	100		
123	15.6	35.0	52.4#
65	62.2	10.6	16.0#



#25
 Isophorone
 Concen: 11.44 ng
 RT: 7.64 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF085840.D
 Acq: 29 Mar 2016 9:24

Tgt Ion	82	Resp	117067
Ion Ratio	Lower	Upper	
82	100		
95	184.0	5.4	8.2#
138	10.7	12.9	19.3#

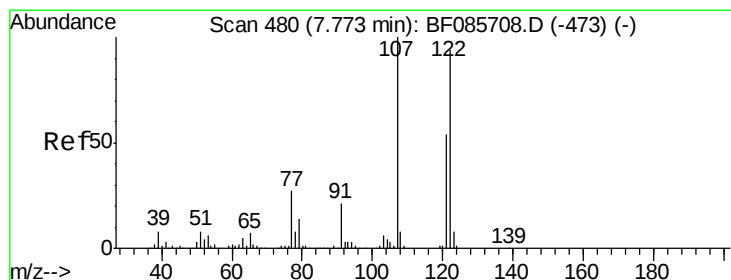
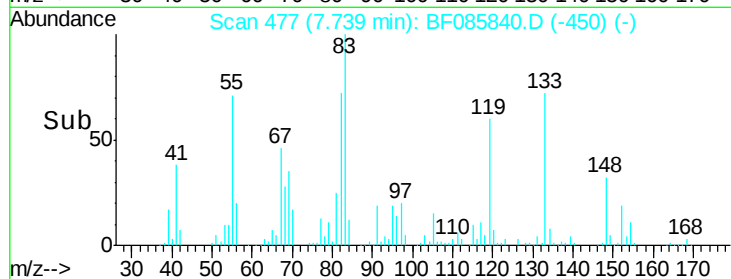
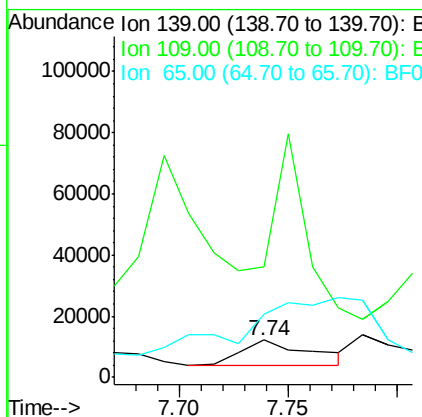
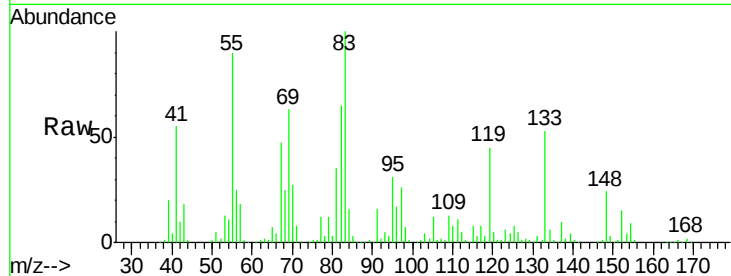




#26
2-Nitrophenol
Concen: 6.63 ng
RT: 7.74 min Scan# 477
Delta R.T. 0.01 min
Lab File: BF085840.D
Acq: 29 Mar 2016 9:24

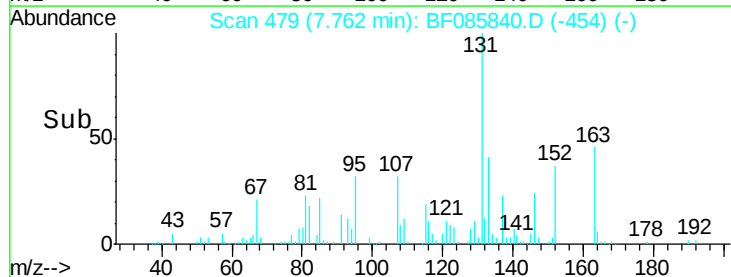
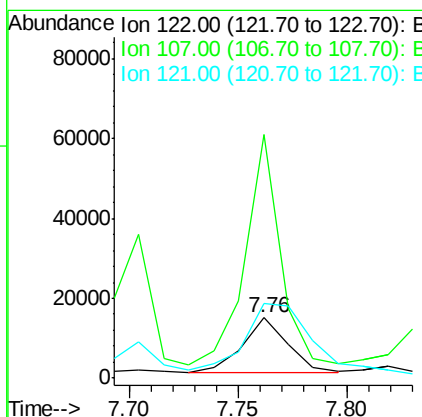
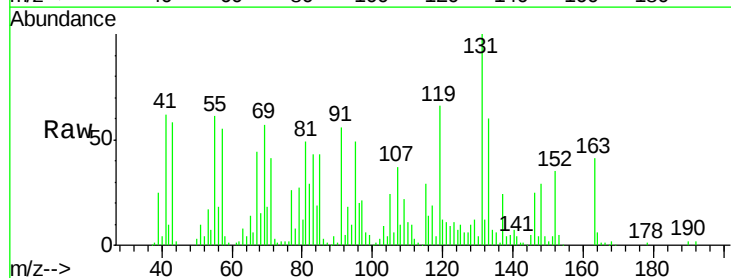
Instrument :
BNA_F
ClientSampleId :

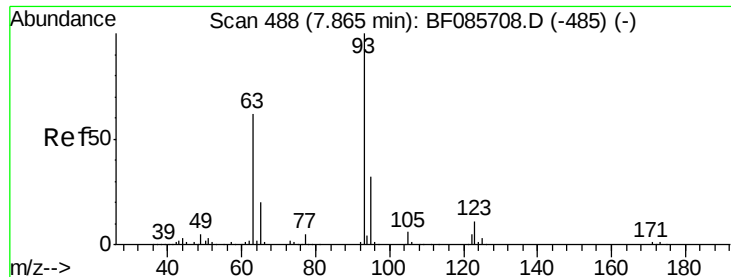
Tot Ion:139 Resp: 18170
Ion Ratio Lower Upper
139 100
109 298.8 22.1 33.1#
65 170.6 33.9 50.9#



#27
2,4-Dimethylphenol
Concen: 4.18 ng
RT: 7.76 min Scan# 479
Delta R.T. -0.01 min
Lab File: BF085840.D
Acq: 29 Mar 2016 9:24

Tgt Ion:122 Resp: 19998
Ion Ratio Lower Upper
122 100
107 404.0 93.0 139.6#
121 123.5 45.9 68.9#

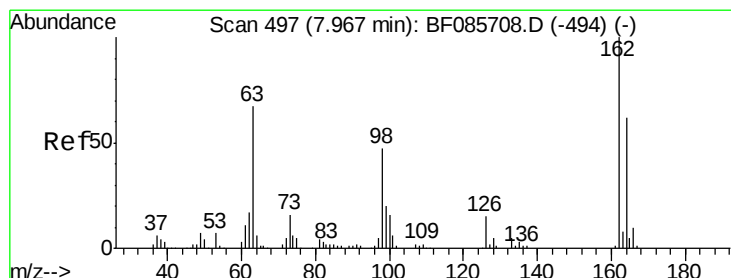
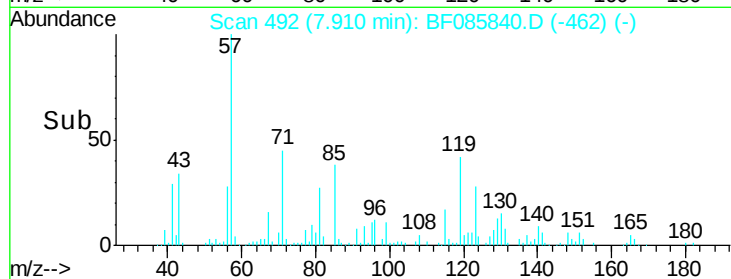
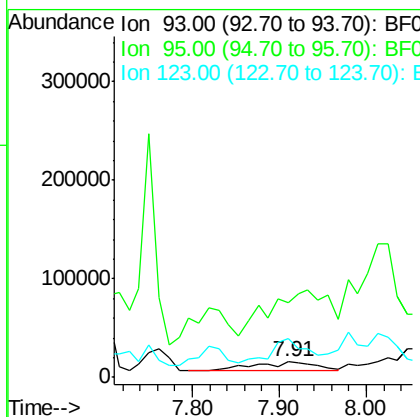
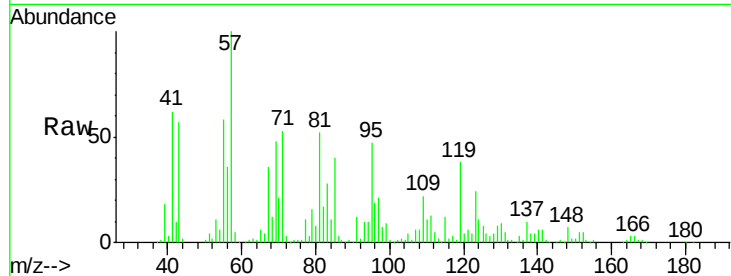




#28
bis(2-Chloroethoxy)methane
Concen: 7.14 ng
RT: 7.91 min Scan# 492
Delta R.T. 0.05 min
Lab File: BF085840.D
Acq: 29 Mar 2016 9:24

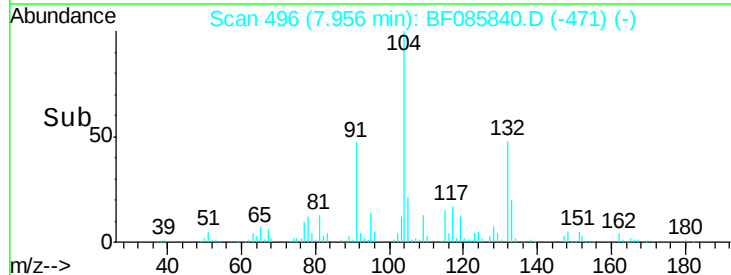
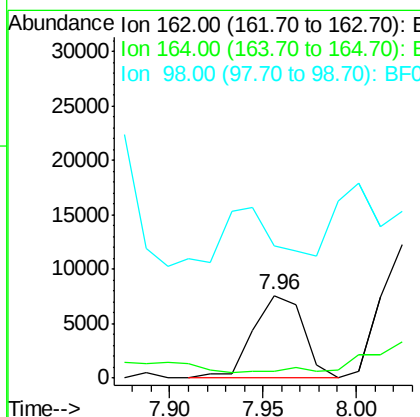
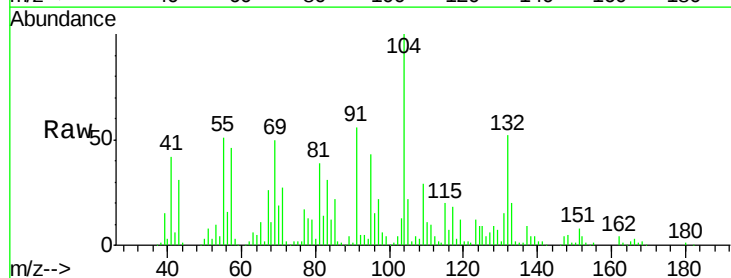
Instrument :
BNA_F
ClientSampleId :

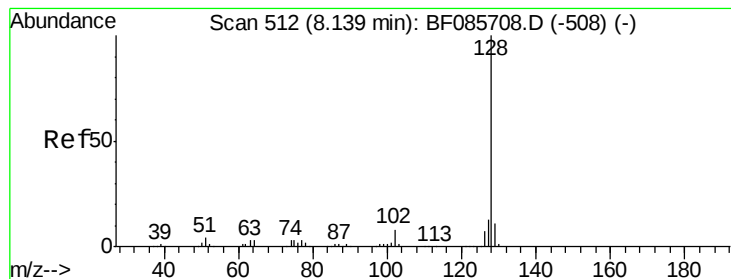
Tot Ion: 93 Resp: 41630
Ion Ratio Lower Upper
93 100
95 473.0 26.4 39.6#
123 245.8 9.8 14.6#



#29
2,4-Dichlorophenol
Concen: 3.55 ng
RT: 7.96 min Scan# 496
Delta R.T. -0.01 min
Lab File: BF085840.D
Acq: 29 Mar 2016 9:24

Tgt Ion: 162 Resp: 14279
Ion Ratio Lower Upper
162 100
164 8.8 43.7 83.7#
98 160.6 20.4 60.4#





#31

Naphthalene

Concen: 36.33 ng

RT: 8.14 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF085840.D

Acq: 29 Mar 2016 9:24

Instrument :

BNA_F

ClientSampled :

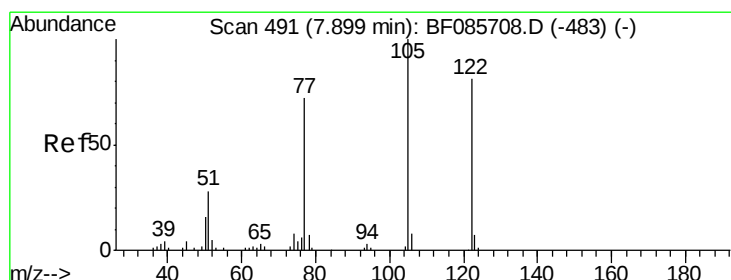
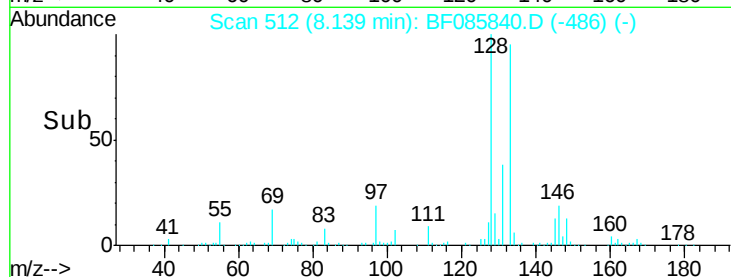
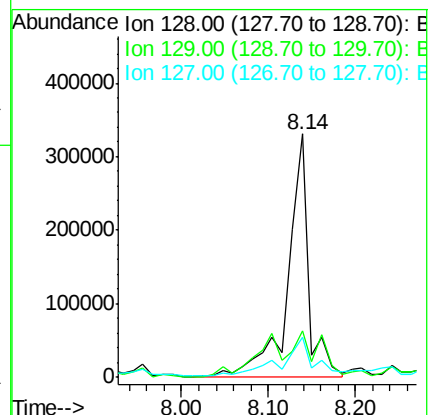
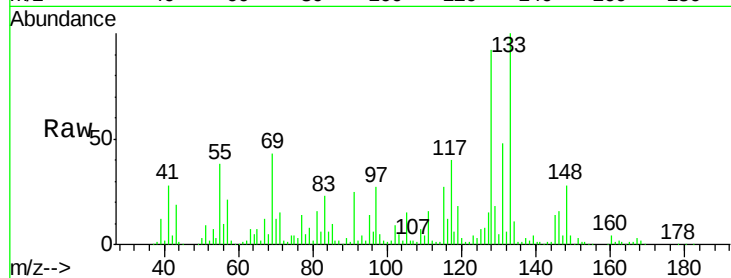
Tot Ion:128 Resp: 547611

Ion Ratio Lower Upper

128 100

129 19.3 9.4 14.0#

127 16.3 11.0 16.6



#32

Benzoic acid

Concen: 5.35 ng

RT: 7.91 min Scan# 492

Delta R.T. 0.01 min

Lab File: BF085840.D

Acq: 29 Mar 2016 9:24

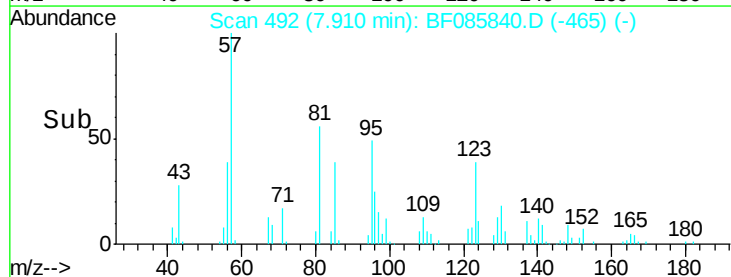
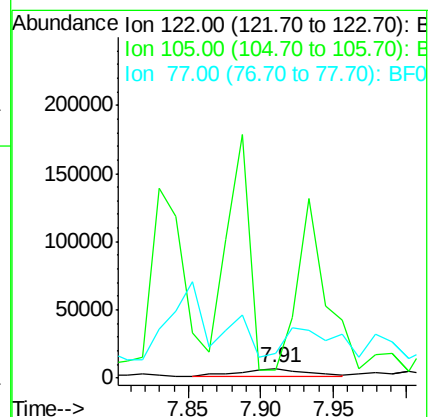
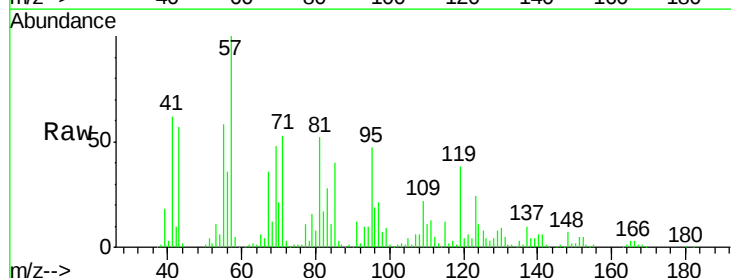
Tgt Ion:122 Resp: 17015

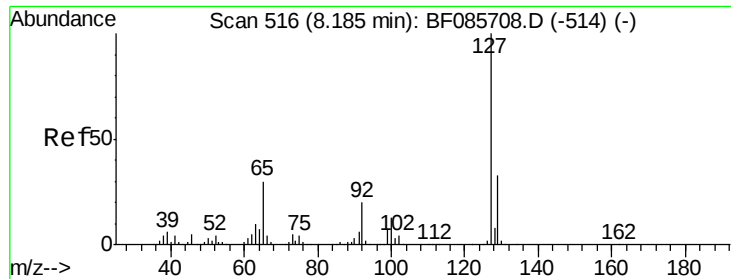
Ion Ratio Lower Upper

122 100

105 90.7 102.9 142.9#

77 263.6 71.8 111.8#

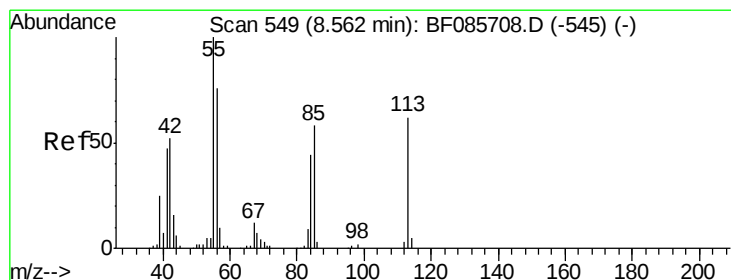
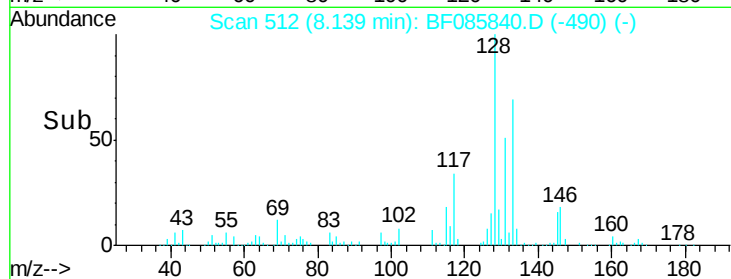
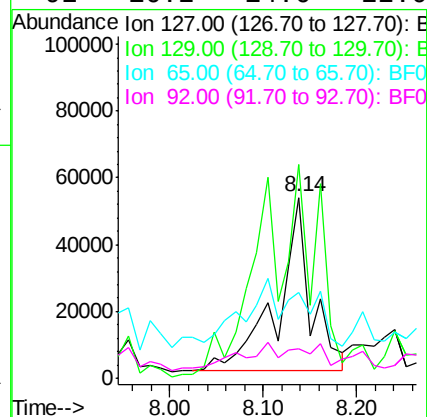
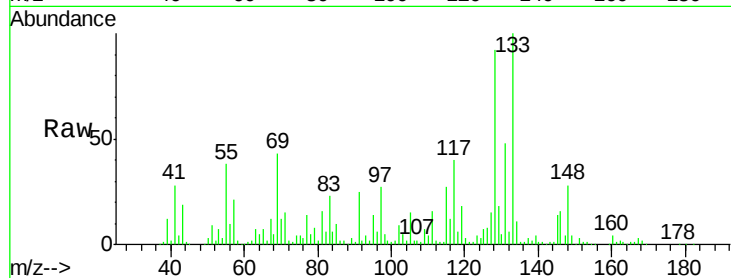




#33
4-Chloroaniline
Concen: 21.26 ng
RT: 8.14 min Scan# 512
Delta R.T. -0.05 min
Lab File: BF085840.D
Acq: 29 Mar 2016 9:24

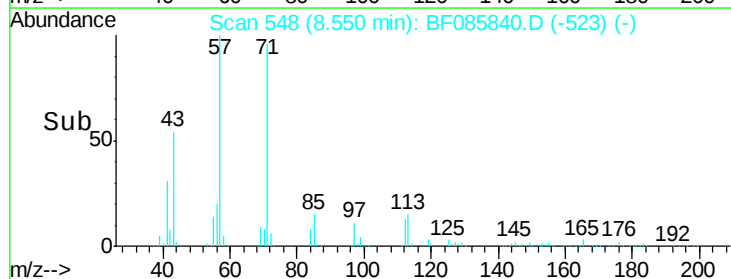
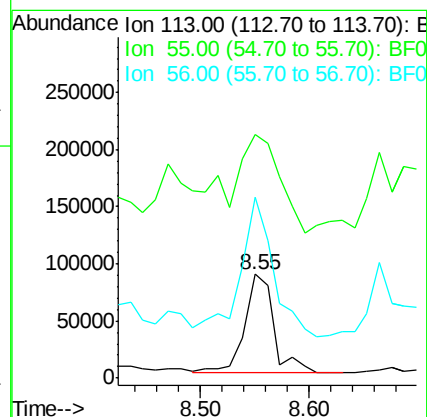
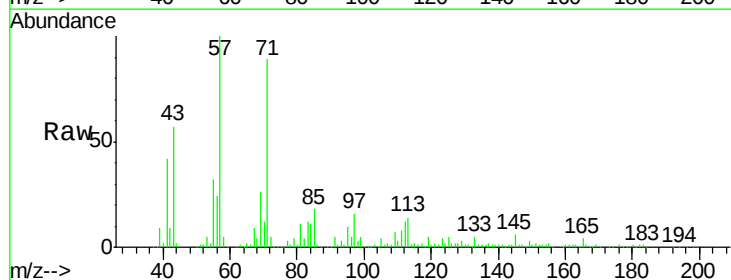
Instrument :
BNA_F
ClientSampled :

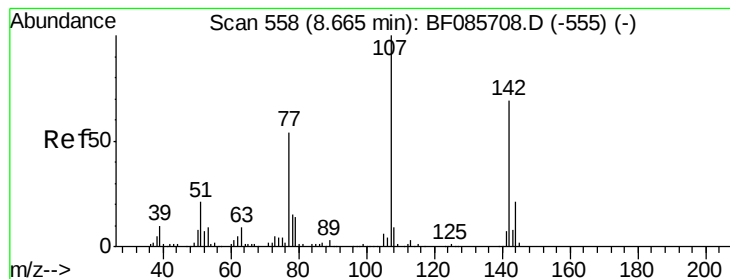
Tot Ion:127	Resp:	130839
Ion Ratio	Lower	Upper
127	100	
129	118.3	26.1 39.1#
65	47.3	19.5 29.3#
92	16.2	14.6 22.0



#35
Caprolactam
Concen: 112.91 ng
RT: 8.55 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF085840.D
Acq: 29 Mar 2016 9:24

Tgt Ion:113	Resp:	160977
Ion Ratio	Lower	Upper
113	100	
55	234.9	139.4 179.4#
56	175.1	100.4 140.4#

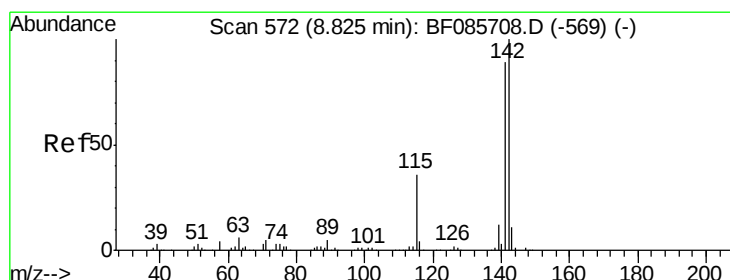
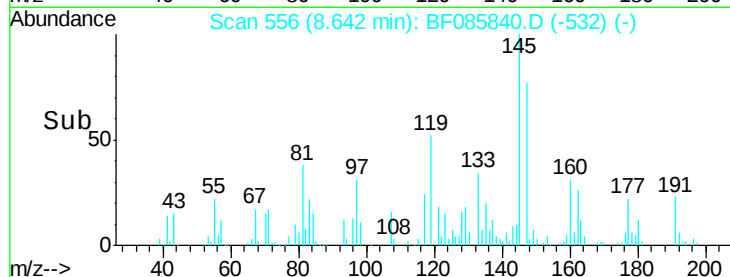
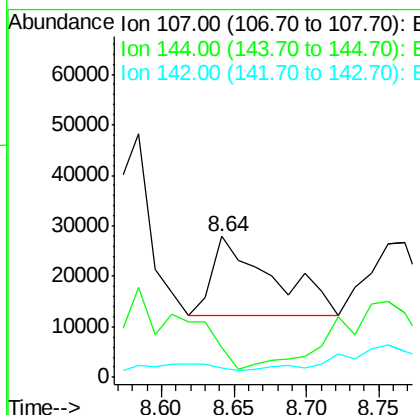
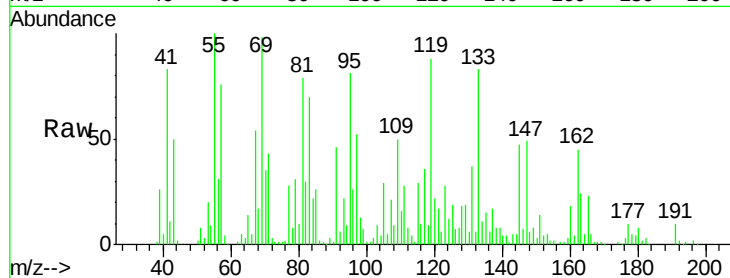




#36
 4-Chloro-3-methylphenol
 Concen: 9.31 ng
 RT: 8.64 min Scan# 556
 Delta R.T. -0.02 min
 Lab File: BF085840.D
 Acq: 29 Mar 2016 9:24

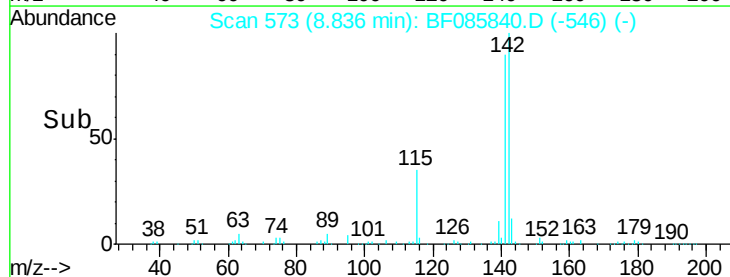
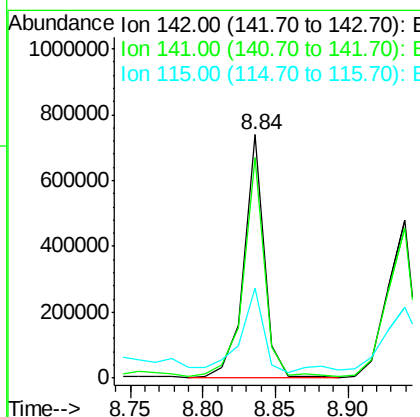
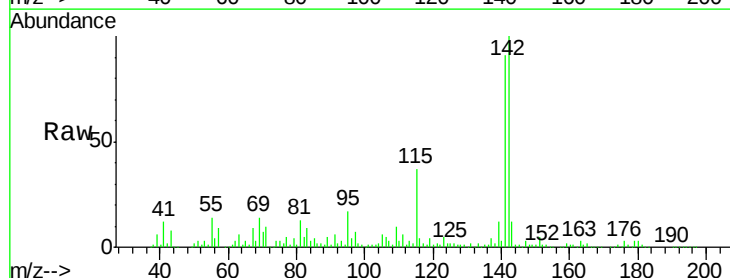
Instrument :
 BNA_F
 ClientSampleId :

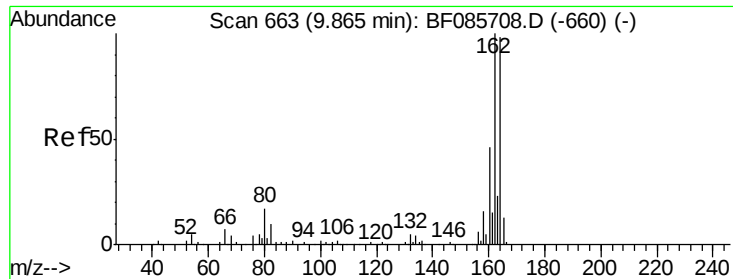
Tot Ion:107 Resp: 43775
 Ion Ratio Lower Upper
 107 100
 144 21.4 19.3 28.9
 142 6.3 61.4 92.0#



#37
 2-Methylnaphthalene
 Concen: Below Cal
 RT: 8.84 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: BF085840.D
 Acq: 29 Mar 2016 9:24

Tgt Ion:142 Resp: 708568
 Ion Ratio Lower Upper
 142 100
 141 90.8 71.6 107.4
 115 37.0 26.8 40.2

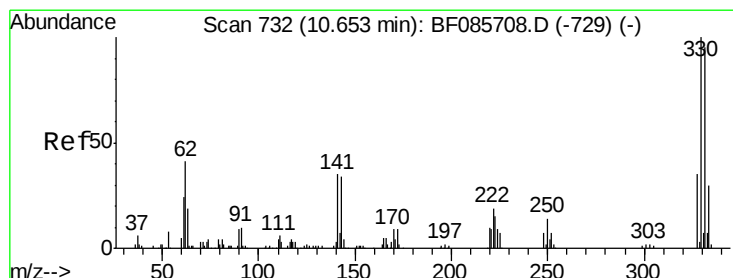
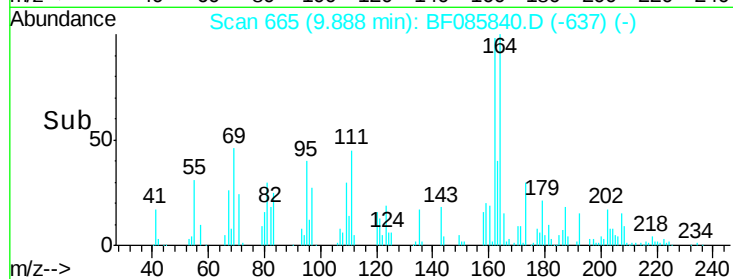
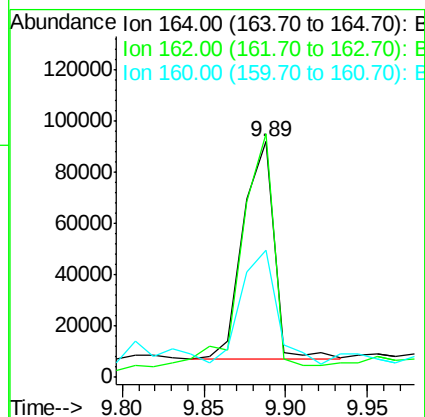
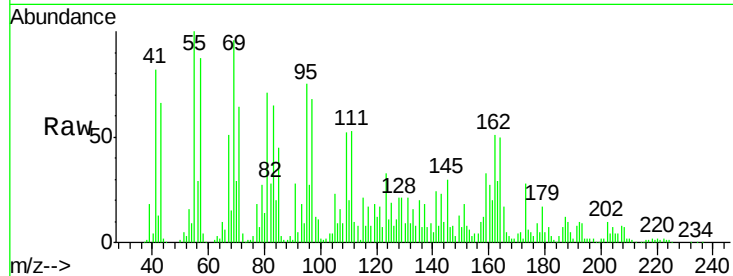




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 665
Delta R.T. 0.02 min
Lab File: BF085840.D
Acq: 29 Mar 2016 9:24

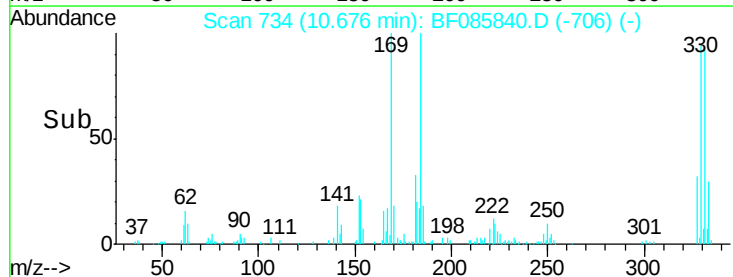
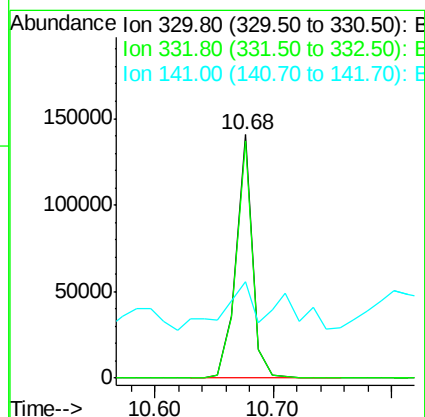
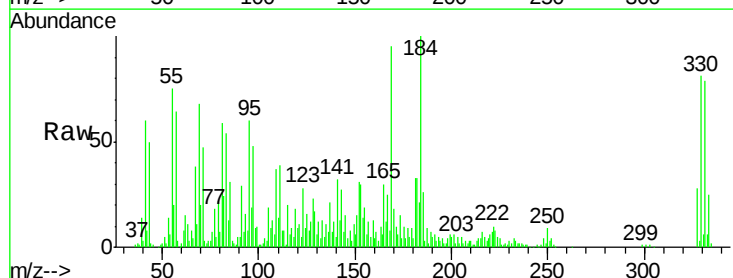
Instrument :
BNA_F
ClientSampleId :

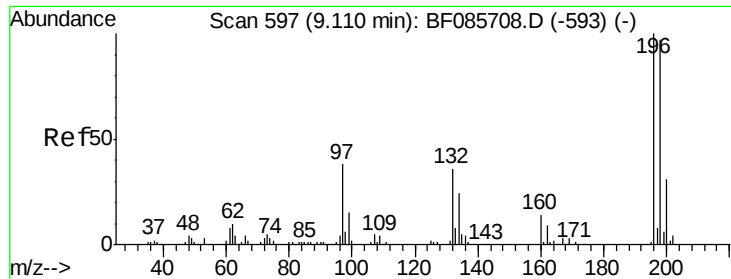
Tot Ion:164 Resp: 112571
Ion Ratio Lower Upper
164 100
162 103.3 82.1 123.1
160 53.9 37.4 56.2



#41
2,4,6-Tribromophenol
Concen: 126.60 ng
RT: 10.68 min Scan# 734
Delta R.T. 0.02 min
Lab File: BF085840.D
Acq: 29 Mar 2016 9:24

Tgt Ion:330 Resp: 135402
Ion Ratio Lower Upper
330 100
332 98.4 78.2 117.2
141 40.0 31.5 47.3

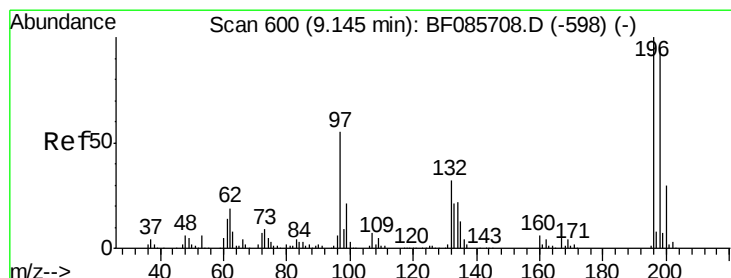
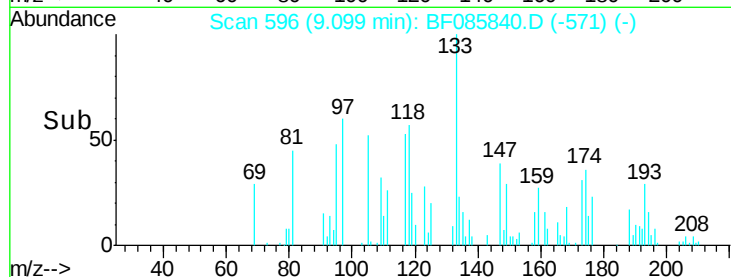
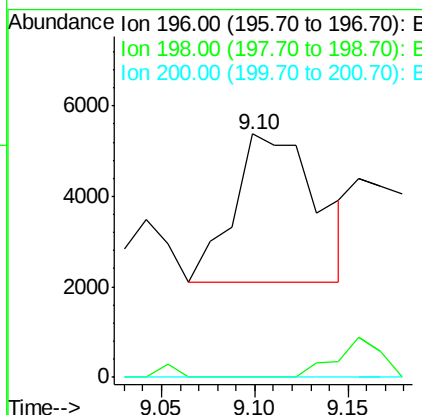
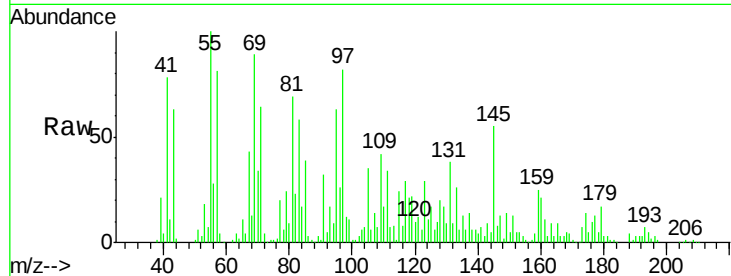




#42
2,4,6-Trichlorophenol
Concen: 4.51 ng
RT: 9.10 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF085840.D
Acq: 29 Mar 2016 9:24

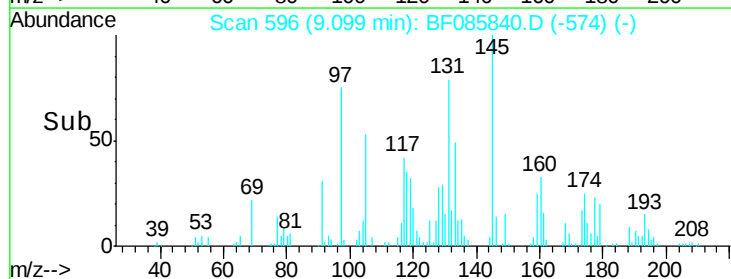
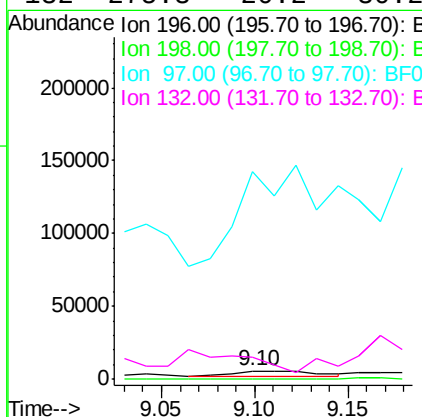
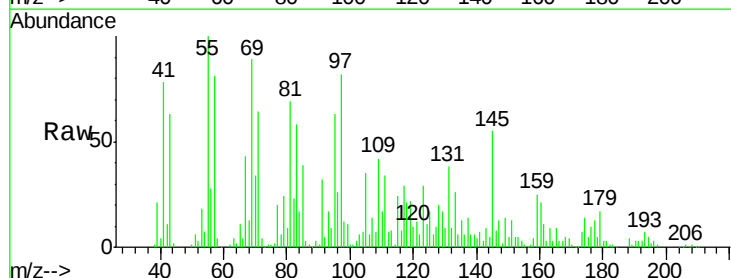
Instrument :
BNA_F
ClientSampleId :

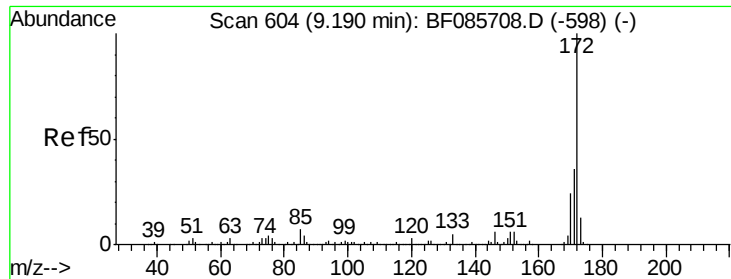
Tot Ion:196 Resp: 10171
Ion Ratio Lower Upper
196 100
198 0.0 75.3 112.9#
200 0.0 23.7 35.5#



#43
2,4,5-Trichlorophenol
Concen: 4.30 ng
RT: 9.10 min Scan# 596
Delta R.T. -0.05 min
Lab File: BF085840.D
Acq: 29 Mar 2016 9:24

Tgt Ion:196 Resp: 10171
Ion Ratio Lower Upper
196 100
198 0.0 76.6 114.8#
97 2653.5 30.5 45.7#
132 275.3 20.2 30.2#

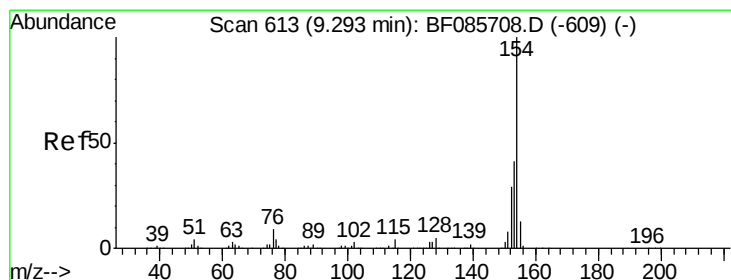
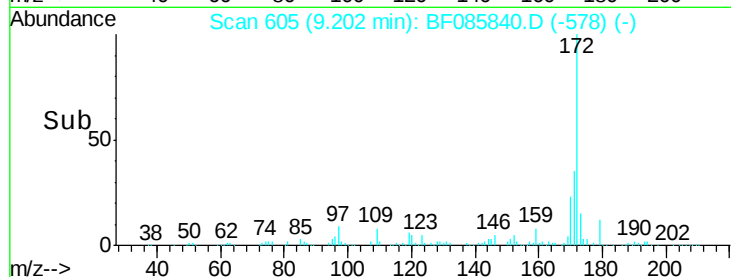
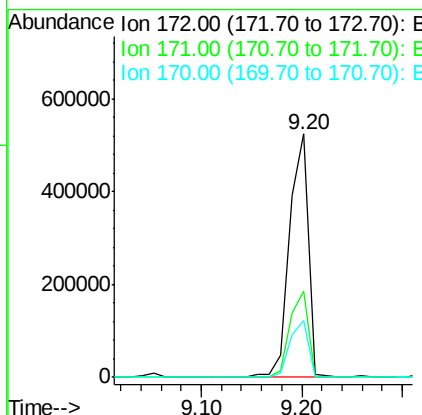
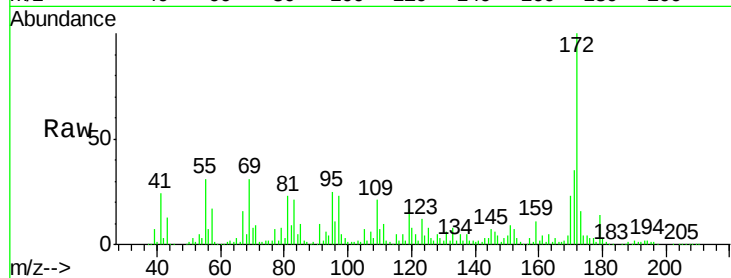




#44
 2-Fluorobiphenyl
 Concen: 100.58 ng
 RT: 9.20 min Scan# 605
 Delta R.T. 0.01 min
 Lab File: BF085840.D
 Acq: 29 Mar 2016 9:24

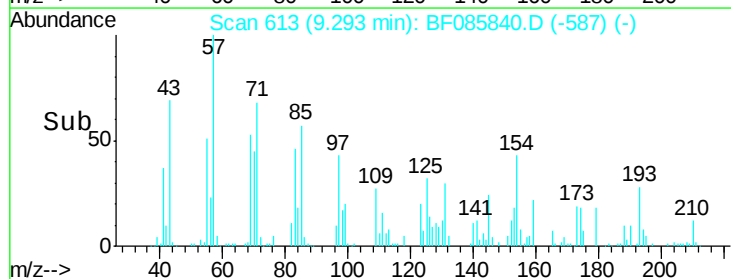
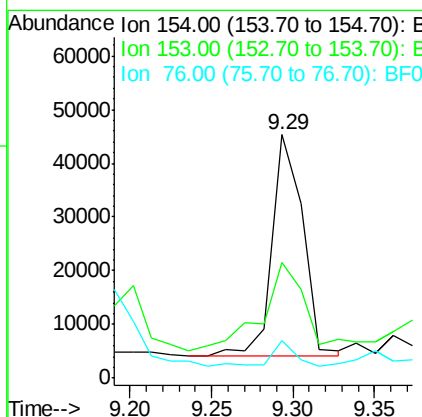
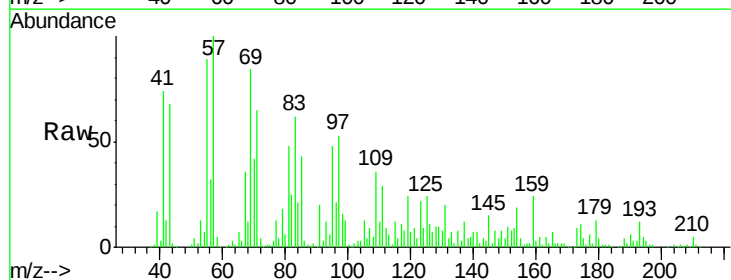
Instrument :
 BNA_F
 ClientSampleId :

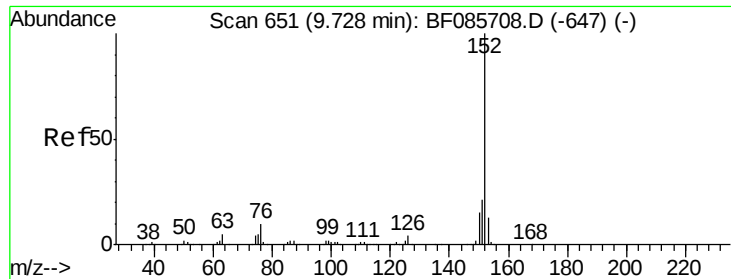
Tot Ion:172 Resp: 677669
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.4 44.2
 170 23.2 19.8 29.6



#45
 1,1'-Biphenyl
 Concen: 5.63 ng
 RT: 9.29 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF085840.D
 Acq: 29 Mar 2016 9:24

Tgt Ion:154 Resp: 53521
 Ion Ratio Lower Upper
 154 100
 153 47.5 20.8 60.8
 76 15.3 0.0 36.7





#48

Acenaphthylene

Concen: 3.12 ng

RT: 9.75 min Scan# 653

Delta R.T. 0.02 min

Lab File: BF085840.D

Acq: 29 Mar 2016 9:24

Instrument :

BNA_F

ClientSampled :

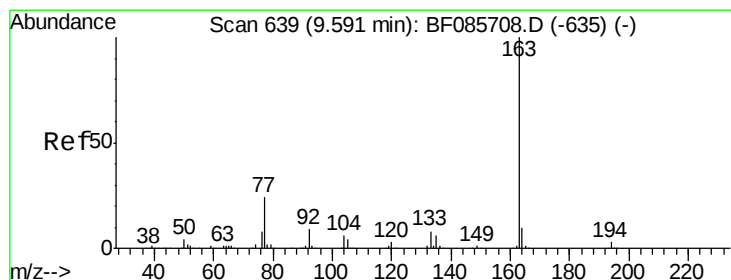
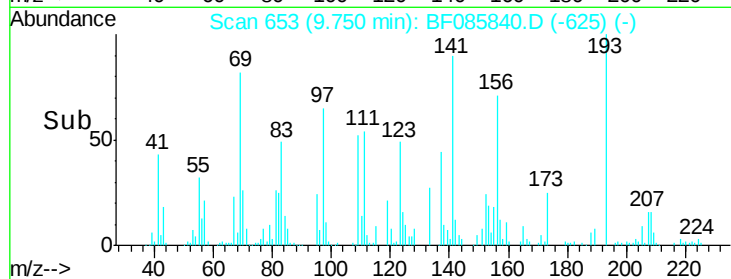
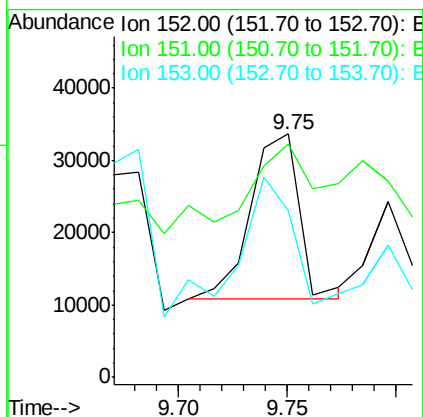
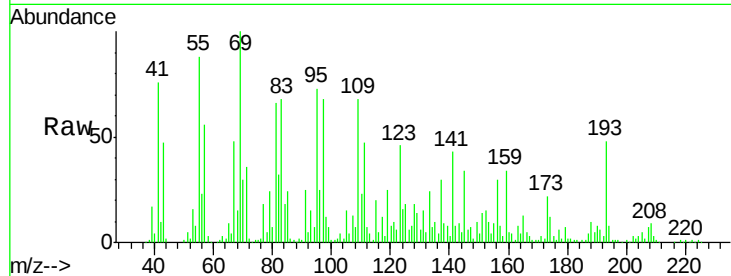
Tot Ion:152 Resp: 35471

Ion Ratio Lower Upper

152 100

151 96.1 16.8 25.2#

153 68.6 10.9 16.3#



#49

Dimethylphthalate

Concen: 12.59 ng

RT: 9.59 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF085840.D

Acq: 29 Mar 2016 9:24

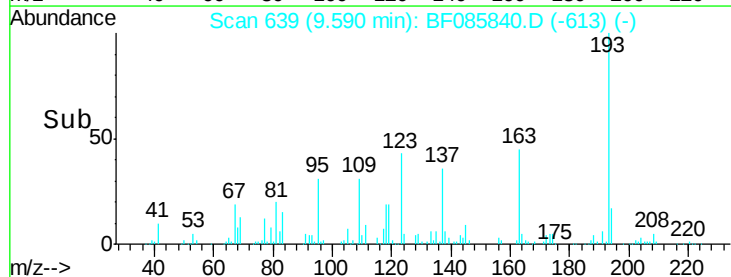
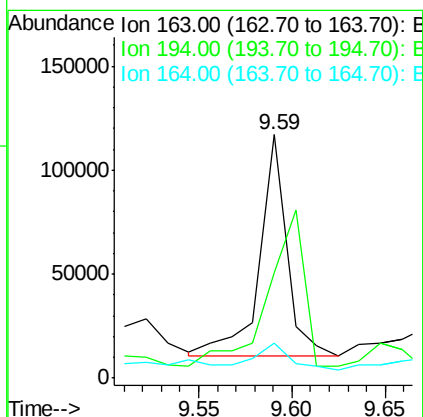
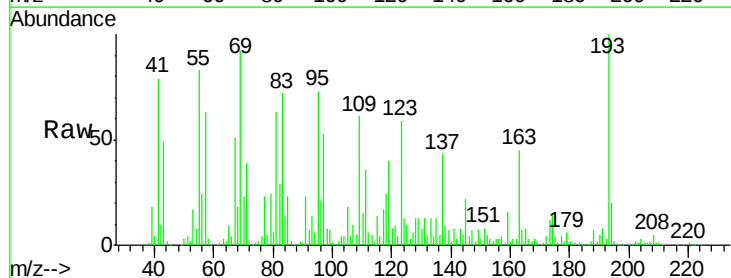
Tgt Ion:163 Resp: 107520

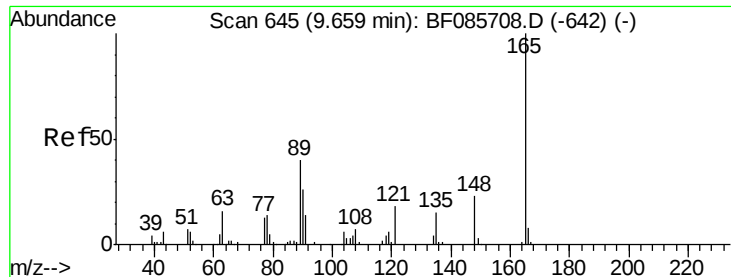
Ion Ratio Lower Upper

163 100

194 43.3 2.9 4.3#

164 14.4 8.3 12.5#





#50

2,6-Dinitrotoluene

Concen: 24.67 ng

RT: 9.66 min Scan# 645

Delta R.T. -0.00 min

Lab File: BF085840.D

Acq: 29 Mar 2016 9:24

Instrument :
BNA_F
ClientSampleId :

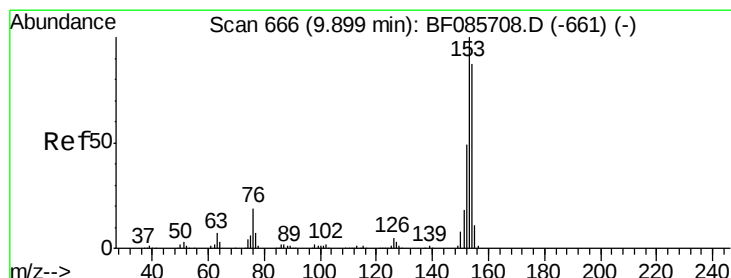
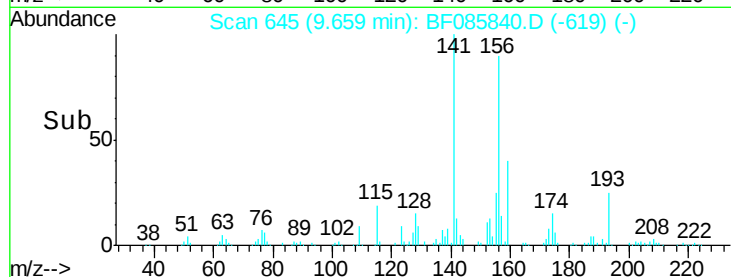
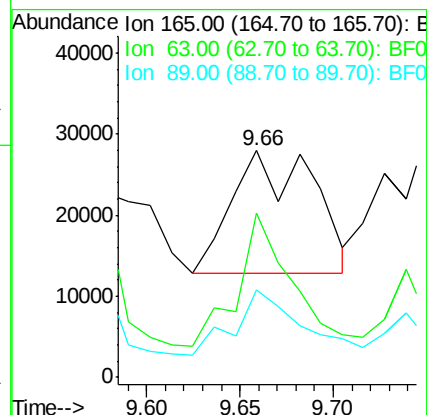
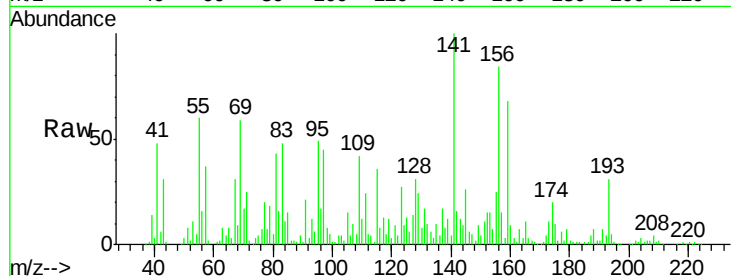
Tot Ion:165 Resp: 45360

Ion Ratio Lower Upper

165 100

63 72.6 51.8 77.8

89 38.9 53.7 80.5#



#51

Acenaphthene

Concen: 8.80 ng

RT: 9.91 min Scan# 667

Delta R.T. 0.01 min

Lab File: BF085840.D

Acq: 29 Mar 2016 9:24

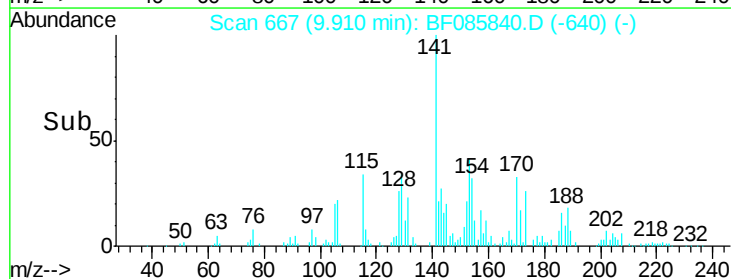
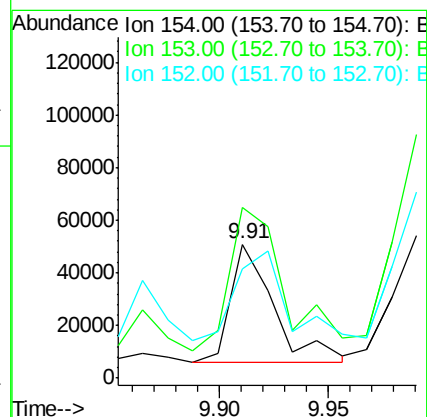
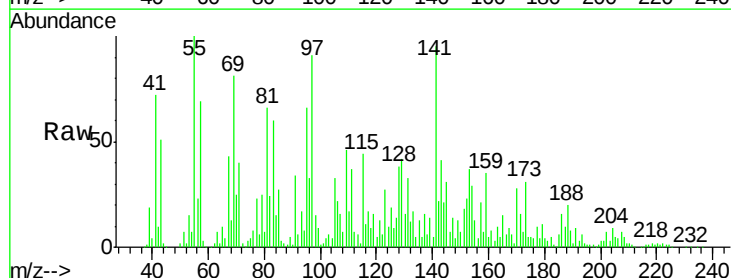
Tgt Ion:154 Resp: 61202

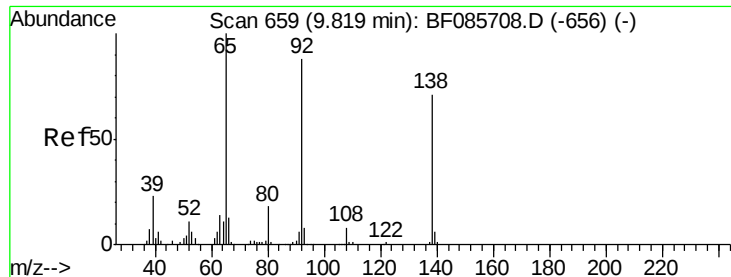
Ion Ratio Lower Upper

154 100

153 127.4 90.1 135.1

152 81.2 44.2 66.2#

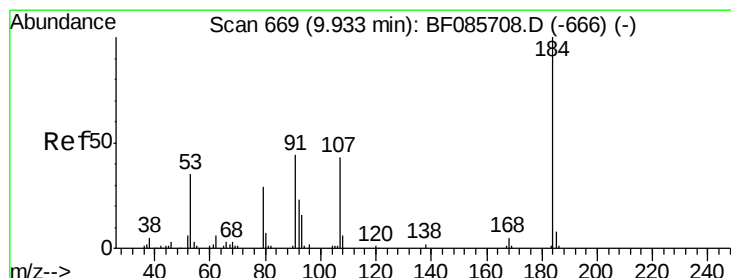
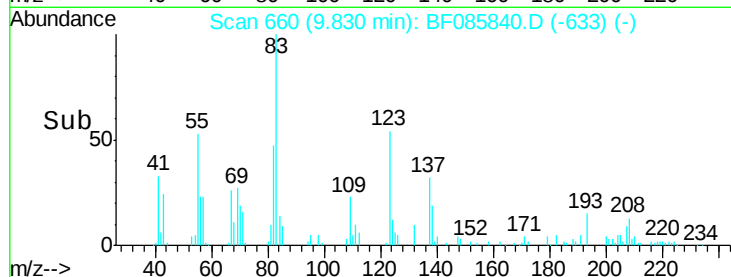
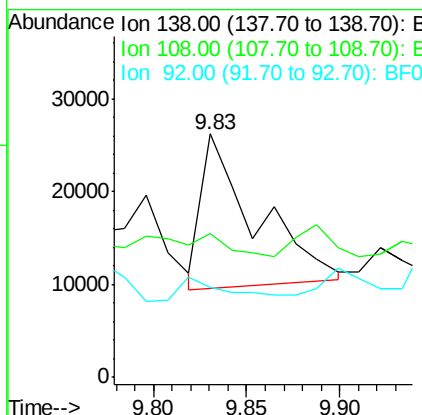
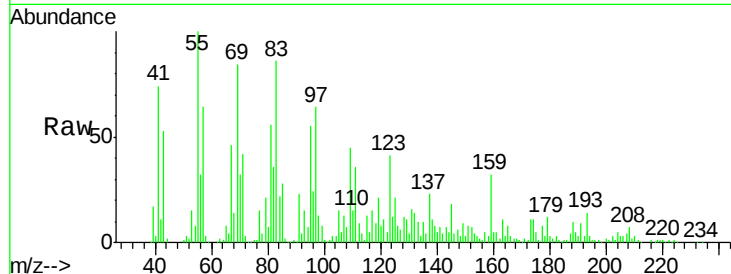




#52
3-Nitroaniline
Concen: 15.78 ng
RT: 9.83 min Scan# 660
Delta R.T. 0.01 min
Lab File: BF085840.D
Acq: 29 Mar 2016 9:24

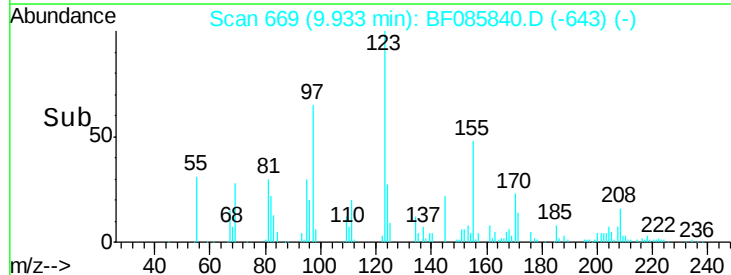
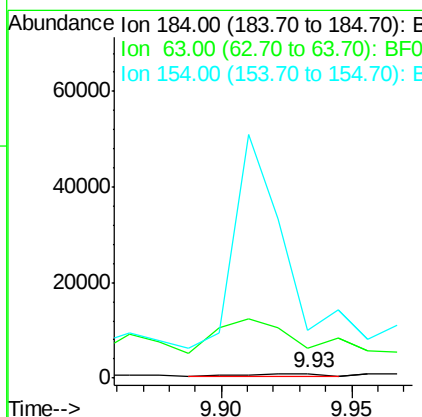
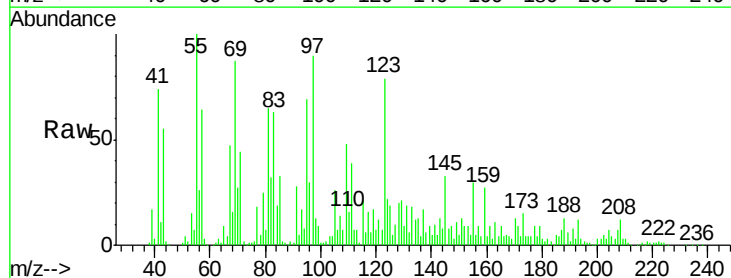
Instrument :
BNA_F
ClientSampleId :

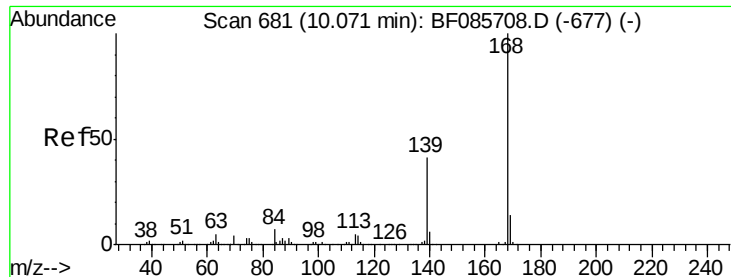
Tot Ion:138 Resp: 33196
Ion Ratio Lower Upper
138 100
108 59.2 8.7 13.1#
92 36.7 93.3 139.9#



#53
2,4-Dinitrophenol
Concen: 7.09 ng
RT: 9.93 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF085840.D
Acq: 29 Mar 2016 9:24

Tgt Ion:184 Resp: 1053
Ion Ratio Lower Upper
184 100
63 625.5 69.5 104.3#
154 1008.1 58.3 87.5#





#54

Dibenzofuran

Concen: 3.82 ng

RT: 10.08 min Scan# 682

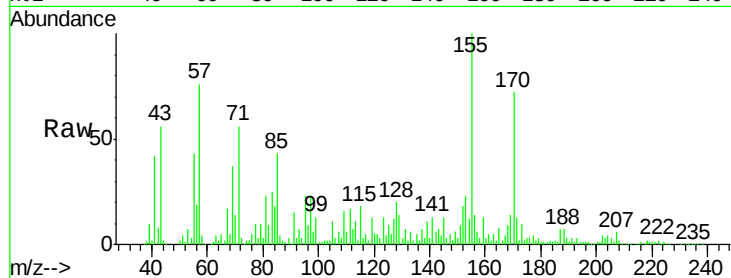
Delta R.T. 0.01 min

Lab File: BF085840.D

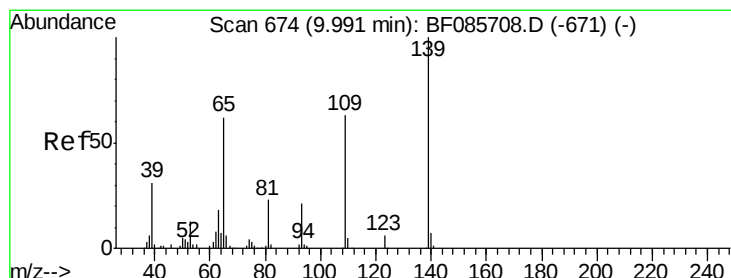
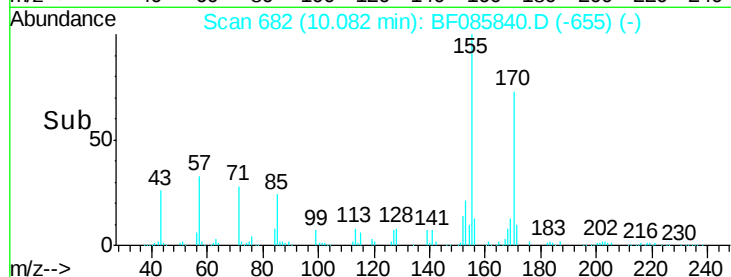
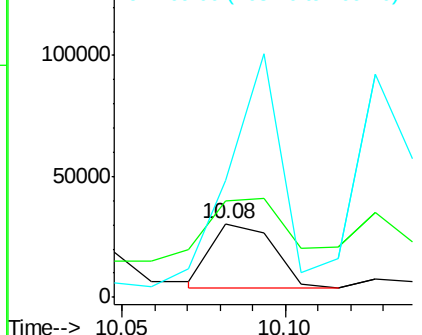
Acq: 29 Mar 2016 9:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 34390
Ion Ratio Lower Upper
168 100
139 131.6 31.9 47.9#
169 158.9 11.0 16.6#



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



#55

4-Nitrophenol

Concen: 43.84 ng

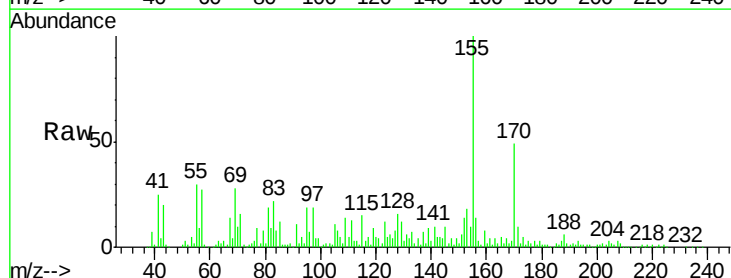
RT: 9.99 min Scan# 674

Delta R.T. -0.00 min

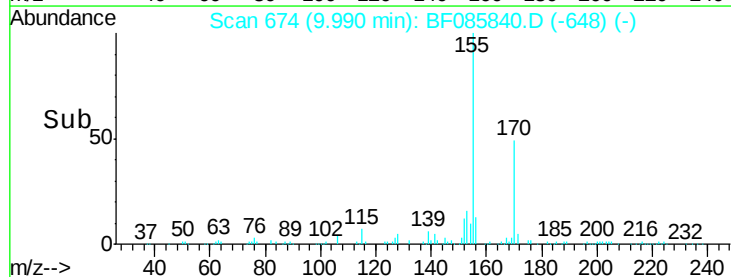
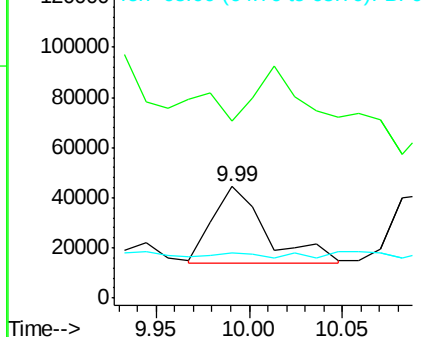
Lab File: BF085840.D

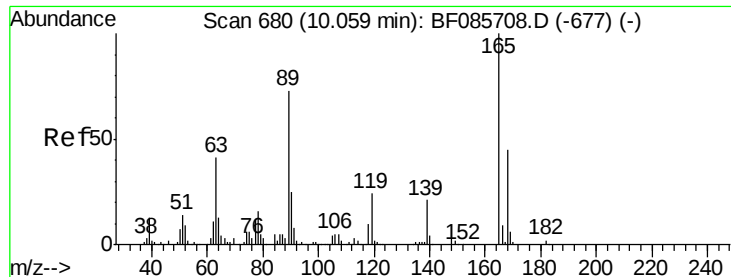
Acq: 29 Mar 2016 9:24

Tgt Ion:139 Resp: 60092
Ion Ratio Lower Upper
139 100
109 158.9 49.2 89.2#
65 40.5 66.9 106.9#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 9.08 ng

RT: 10.09 min Scan# 683

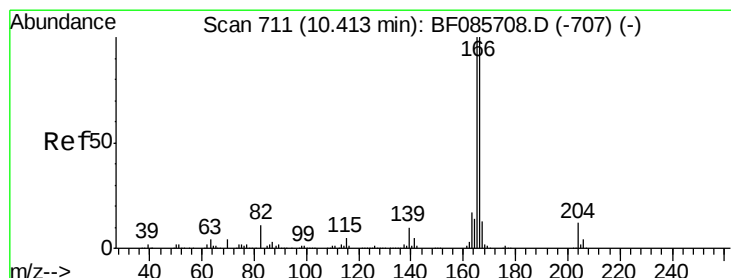
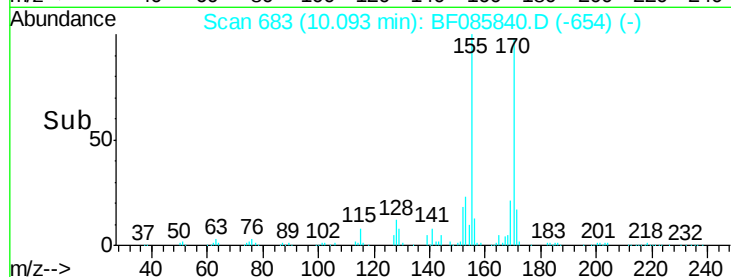
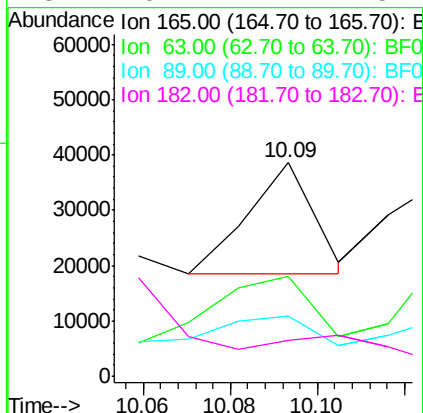
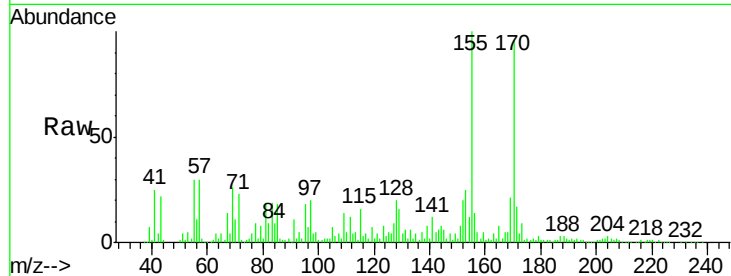
Delta R.T. 0.03 min

Lab File: BF085840.D

Acq: 29 Mar 2016 9:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:165	Resp:	21212
Ion Ratio	Lower	Upper
165	100	
63	46.5	24.9 37.3#
89	28.0	41.0 61.6#
182	16.7	2.1 3.1#



#57

Fluorene

Concen: 13.47 ng

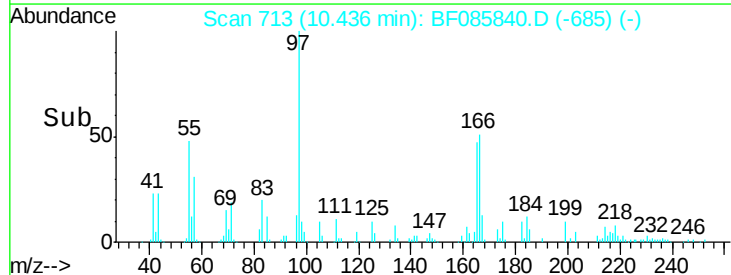
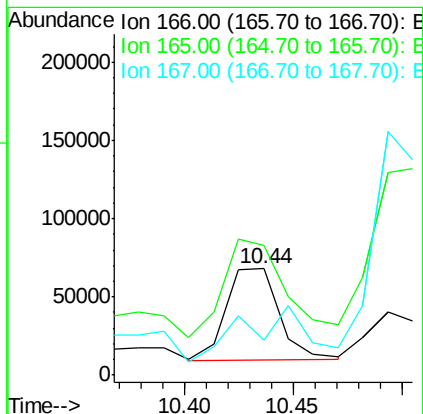
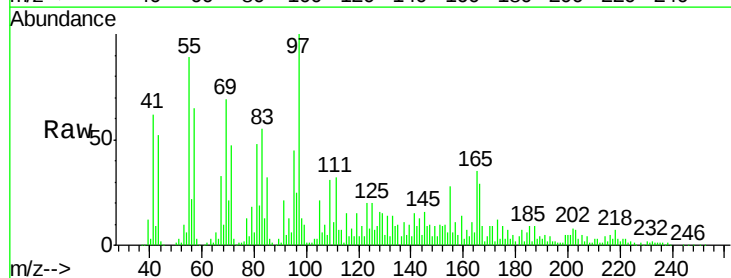
RT: 10.44 min Scan# 713

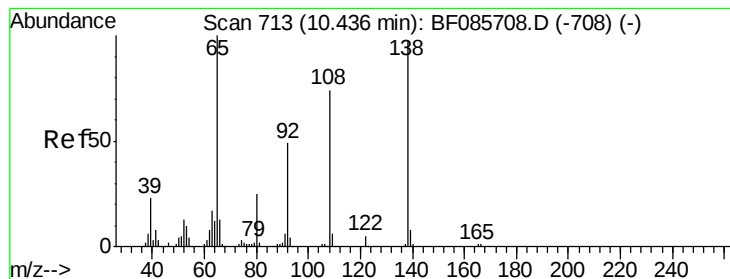
Delta R.T. 0.02 min

Lab File: BF085840.D

Acq: 29 Mar 2016 9:24

Tgt Ion:166	Resp:	100724
Ion Ratio	Lower	Upper
166	100	
165	122.4	79.4 119.0#
167	32.9	11.0 16.4#

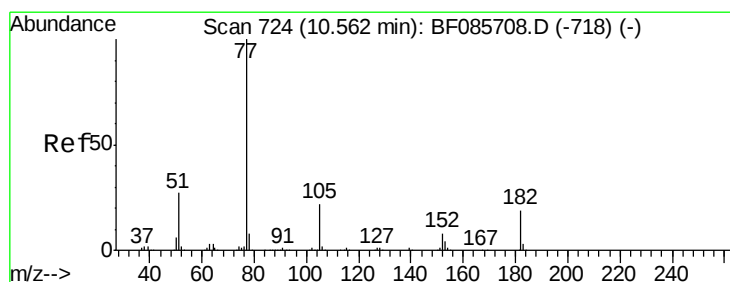
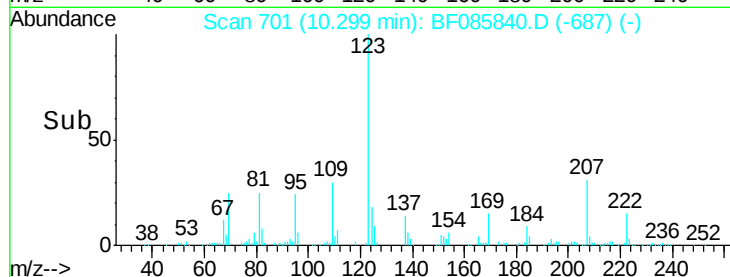
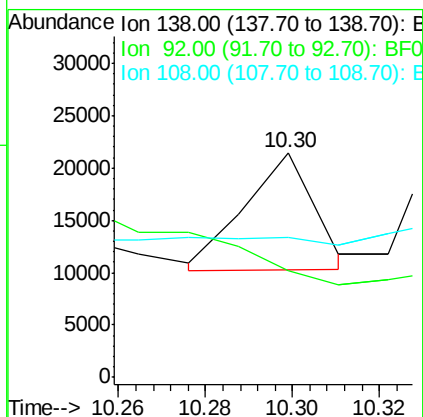
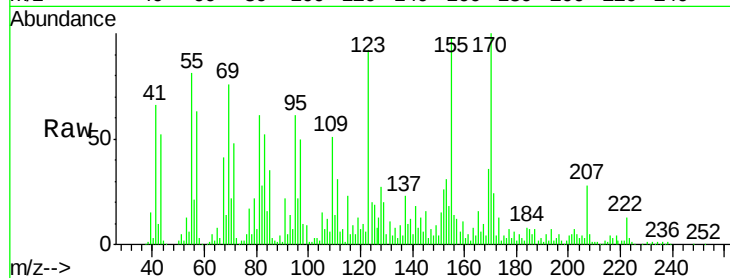




#61
4-Nitroaniline
Concen: 6.12 ng
RT: 10.30 min Scan# 701
Delta R.T. -0.14 min
Lab File: BF085840.D
Acq: 29 Mar 2016 9:24

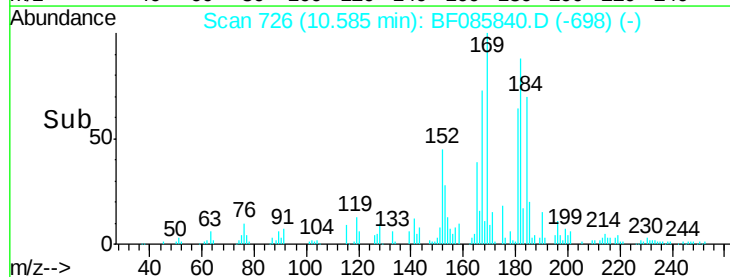
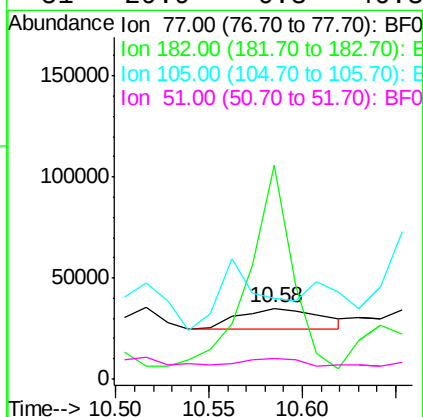
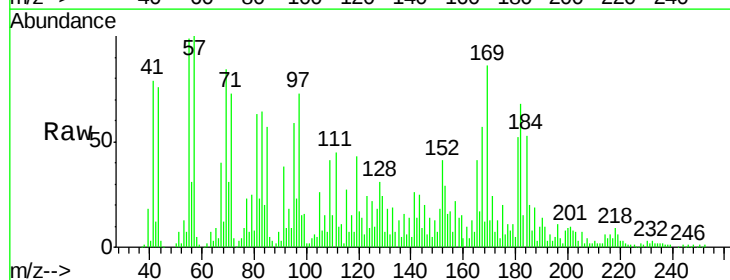
Instrument :
BNA_F
ClientSampled :

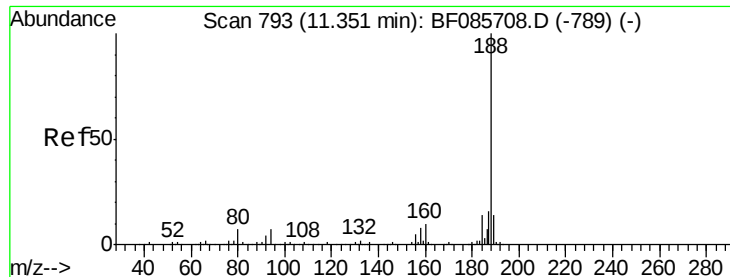
Tot Ion:138 Resp: 12320
Ion Ratio Lower Upper
138 100
92 47.3 26.4 66.4
108 62.3 49.0 89.0



#62
Azobenzene
Concen: 3.78 ng
RT: 10.58 min Scan# 726
Delta R.T. 0.02 min
Lab File: BF085840.D
Acq: 29 Mar 2016 9:24

Tgt Ion: 77 Resp: 30676
Ion Ratio Lower Upper
77 100
182 302.5 1.9 41.9#
105 114.7 3.5 43.5#
51 29.9 6.3 46.3

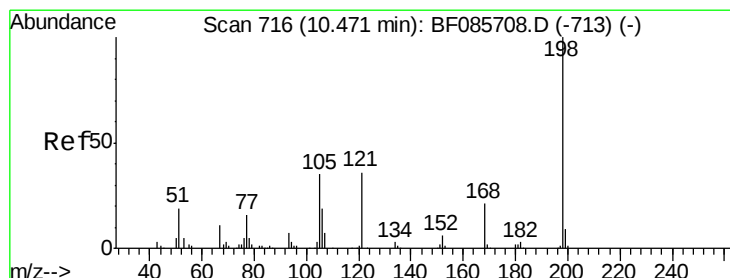
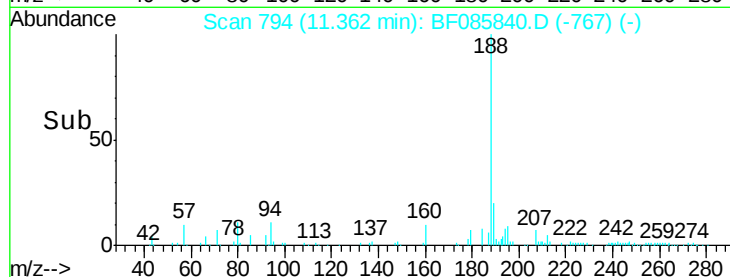
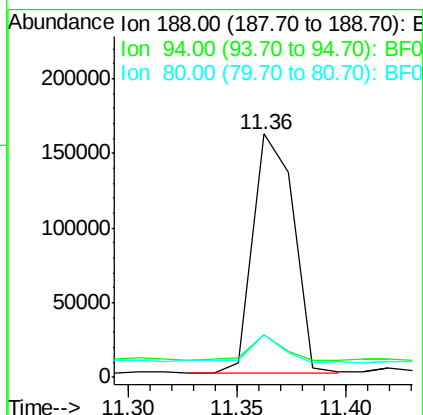
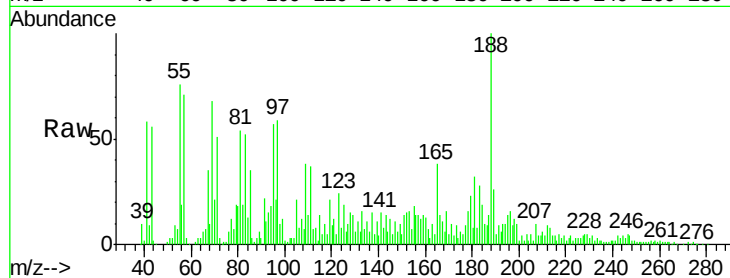




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. 0.01 min
Lab File: BF085840.D
Acq: 29 Mar 2016 9:24

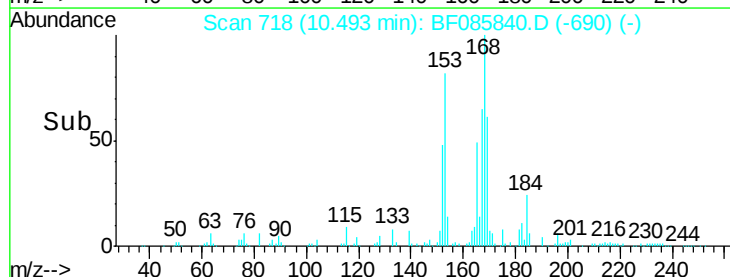
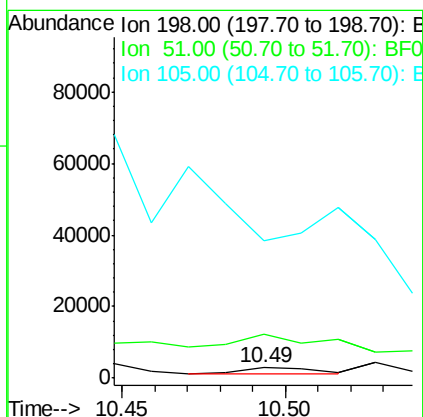
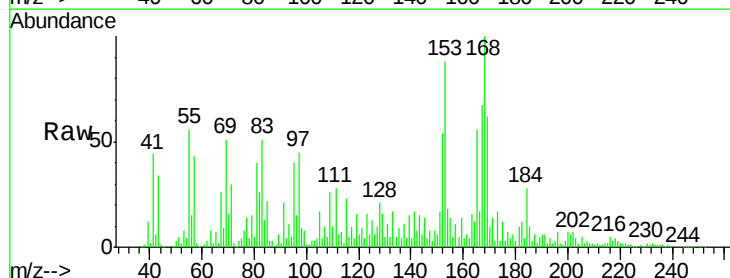
Instrument :
BNA_F
ClientSampleId :

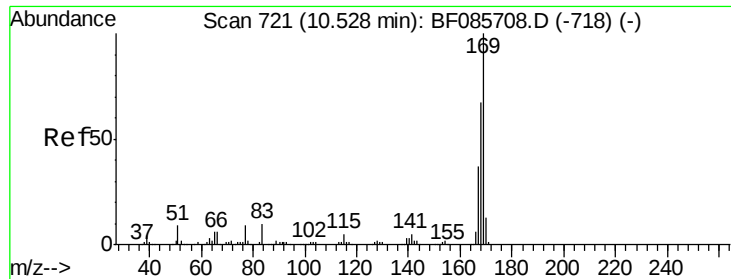
Tot Ion:188 Resp: 208918
Ion Ratio Lower Upper
188 100
94 17.6 5.4 8.0#
80 17.5 5.5 8.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 2.75 ng
RT: 10.49 min Scan# 718
Delta R.T. 0.02 min
Lab File: BF085840.D
Acq: 29 Mar 2016 9:24

Tgt Ion:198 Resp: 3365
Ion Ratio Lower Upper
198 100
51 421.3 45.4 85.4#
105 1297.7 45.9 85.9#





#65

n-Nitrosodiphenylamine

Concen: 55.41 ng

RT: 10.55 min Scan# 723

Delta R.T. 0.02 min

Lab File: BF085840.D

Acq: 29 Mar 2016 9:24

Instrument :

BNA_F

ClientSampleId :

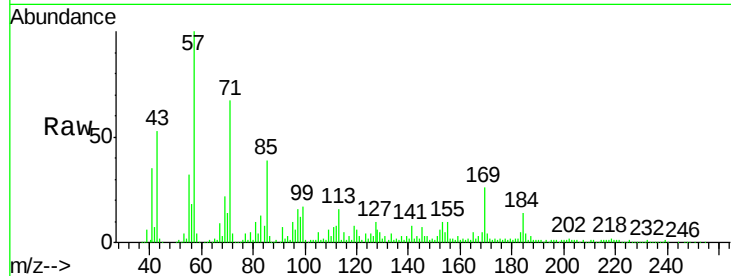
Tot Ion:169 Resp: 366640

Ion Ratio Lower Upper

169 100

168 18.9 54.4 81.6#

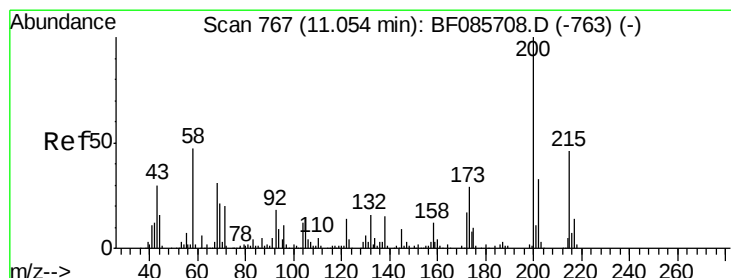
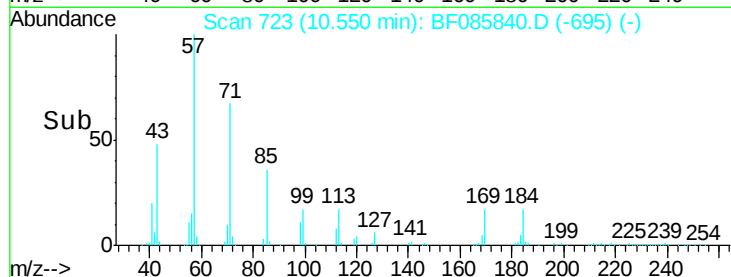
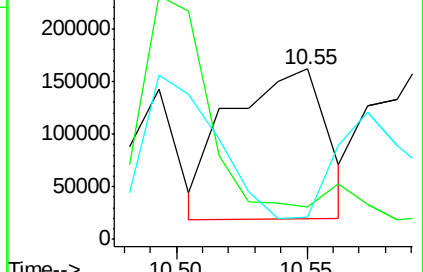
167 12.9 29.4 44.0#



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: 7.55 ng

RT: 11.06 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF085840.D

Acq: 29 Mar 2016 9:24

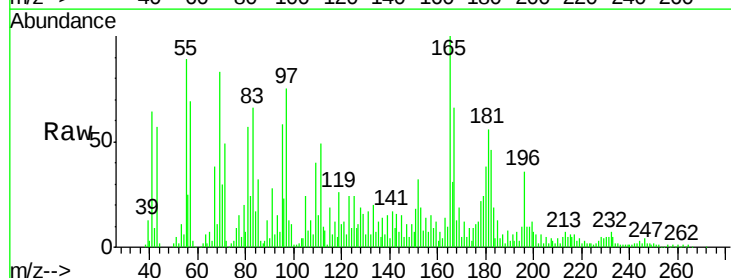
Tgt Ion:200 Resp: 16871

Ion Ratio Lower Upper

200 100

173 130.1 7.7 47.7#

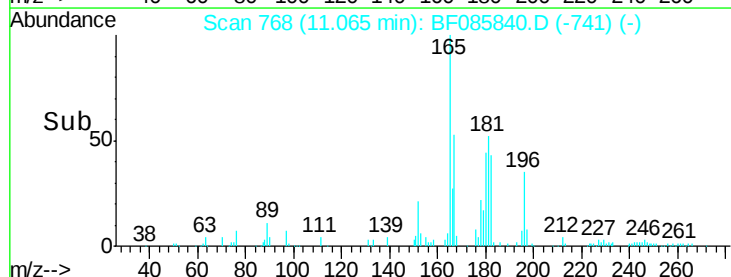
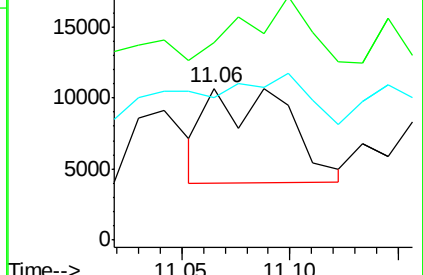
215 94.3 25.4 65.4#

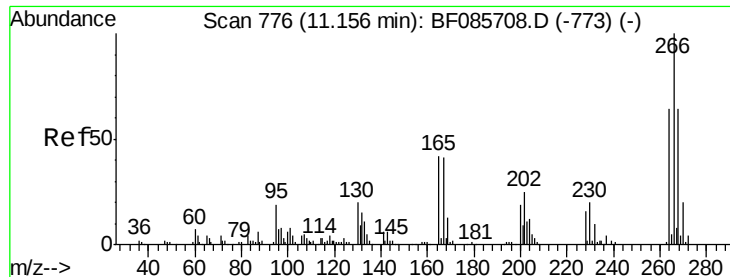


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

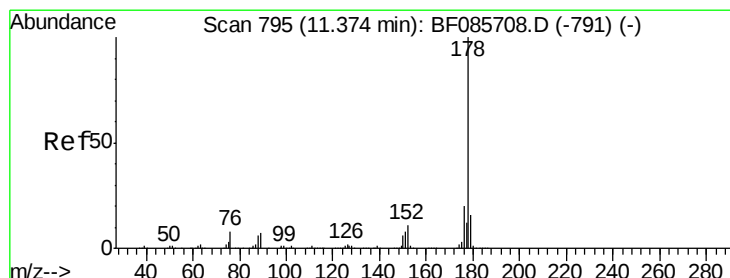
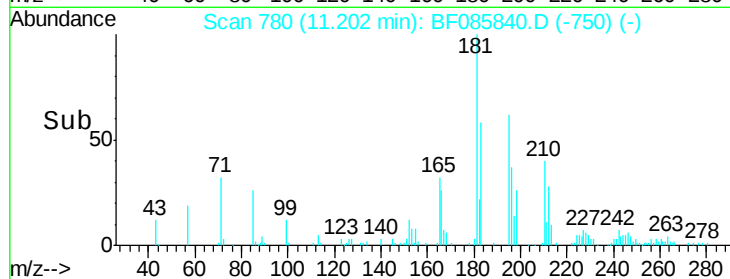
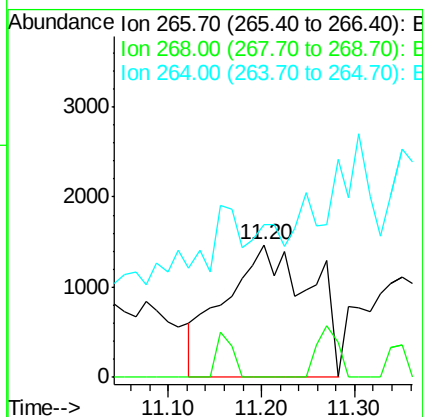
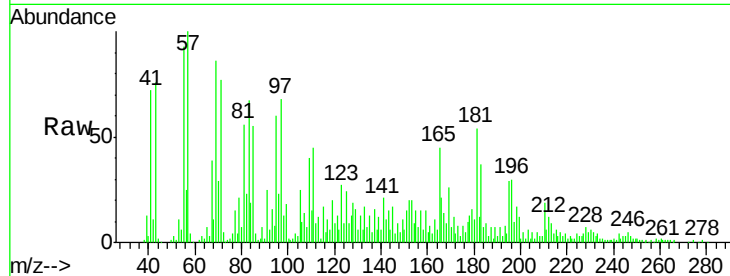




#69
 Pentachlorophenol
 Concen: 8.56 ng
 RT: 11.20 min Scan# 780
 Delta R.T. 0.05 min
 Lab File: BF085840.D
 Acq: 29 Mar 2016 9:24

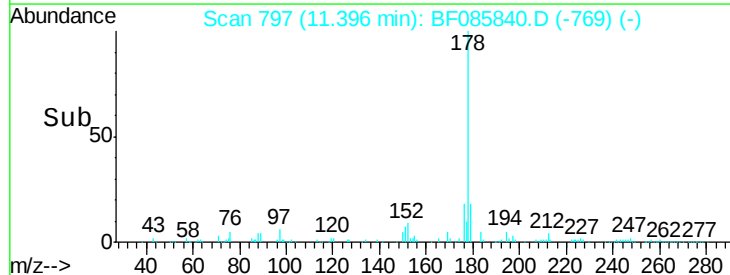
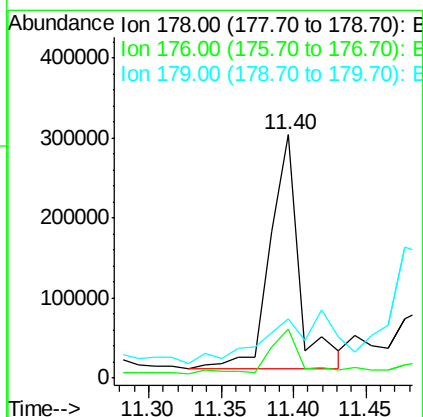
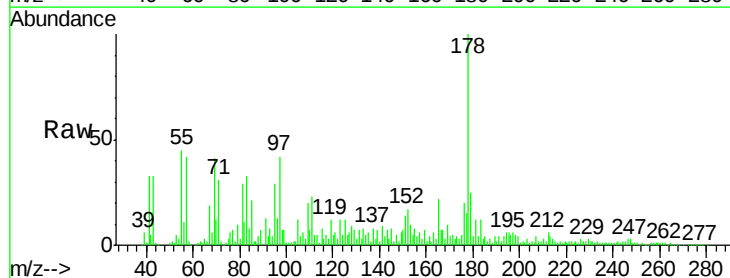
Instrument :
 BNA_F
 ClientSampleId :

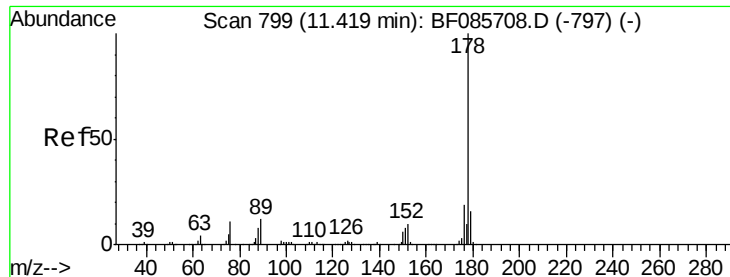
Tot Ion:266 Resp: 9395
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.5 77.3#
 264 115.0 50.6 76.0#



#70
 Phenanthrene
 Concen: 37.98 ng
 RT: 11.40 min Scan# 797
 Delta R.T. 0.02 min
 Lab File: BF085840.D
 Acq: 29 Mar 2016 9:24

Tgt Ion:178 Resp: 407469
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.3 24.5
 179 24.5 12.6 18.8#

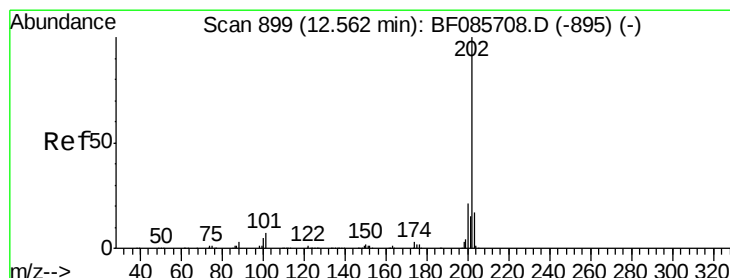
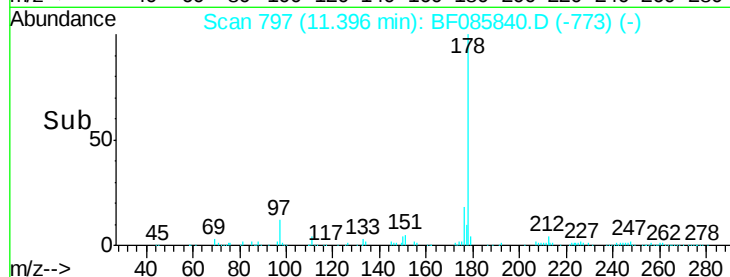
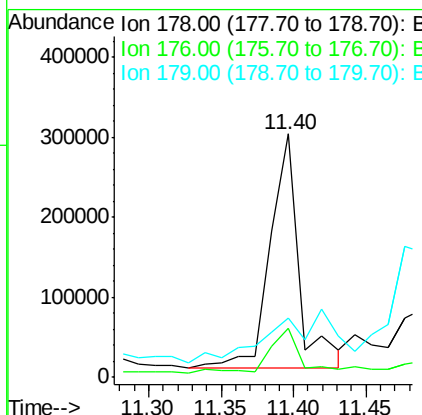
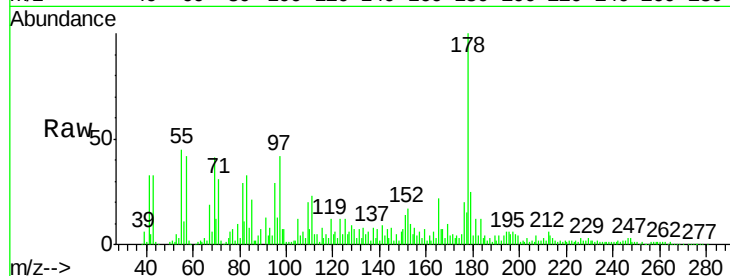




#71
 Anthracene
 Concen: 36.18 ng
 RT: 11.40 min Scan# 797
 Delta R.T. -0.02 min
 Lab File: BF085840.D
 Acq: 29 Mar 2016 9:24

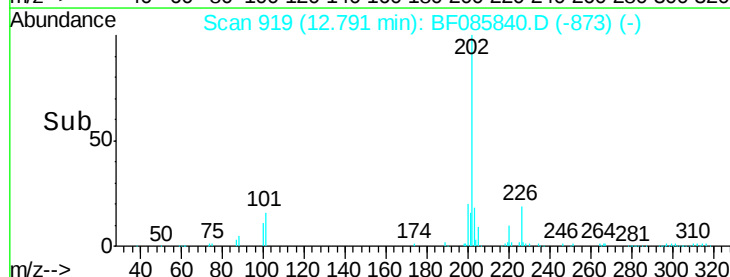
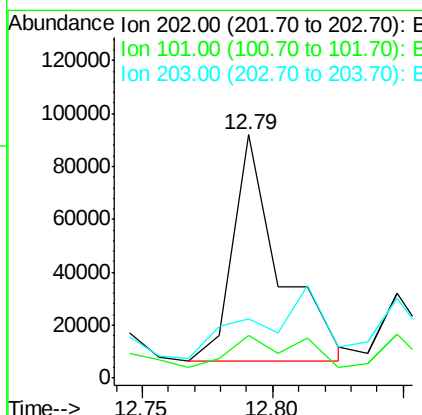
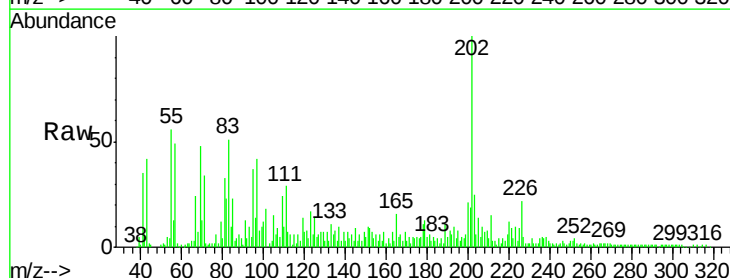
Instrument :
 BNA_F
 ClientSampleId :

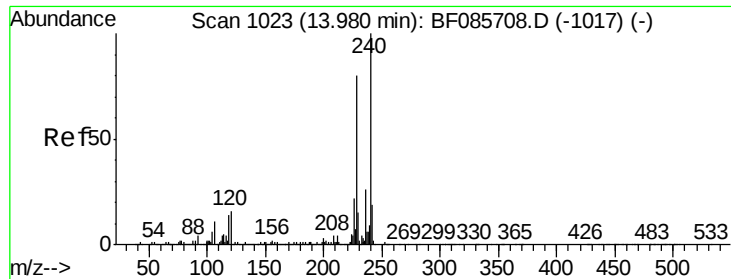
Tot Ion:178 Resp: 407469
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.9 23.9
 179 24.5 13.0 19.4#



#74
 Fluoranthene
 Concen: 9.38 ng
 RT: 12.79 min Scan# 919
 Delta R.T. 0.23 min
 Lab File: BF085840.D
 Acq: 29 Mar 2016 9:24

Tgt Ion:202 Resp: 107007
 Ion Ratio Lower Upper
 202 100
 101 17.6 0.0 36.6
 203 24.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF085840.D

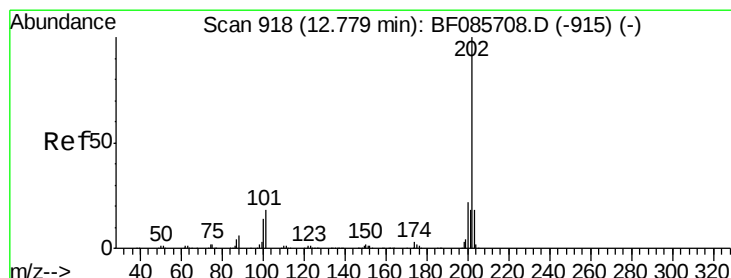
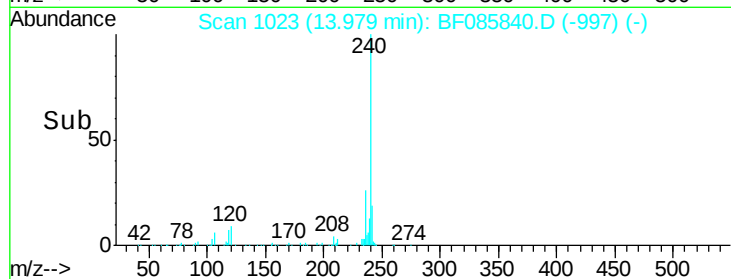
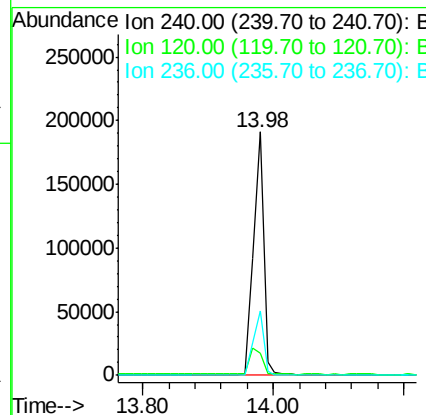
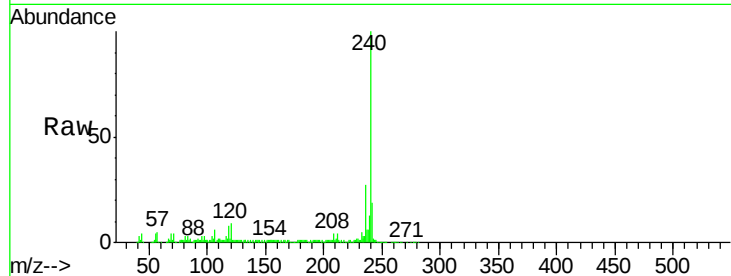
Acq: 29 Mar 2016 9:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.3	13.8	20.8#
236	26.6	20.6	30.8



#77

Pyrene

Concen: 6.45 ng

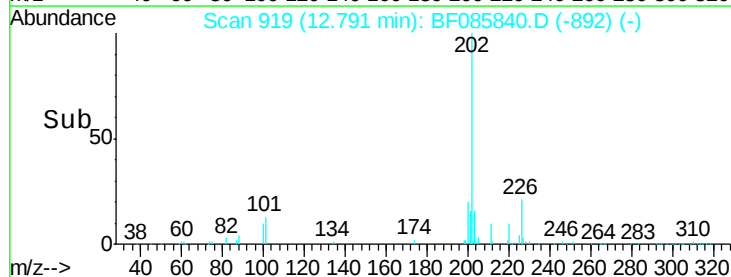
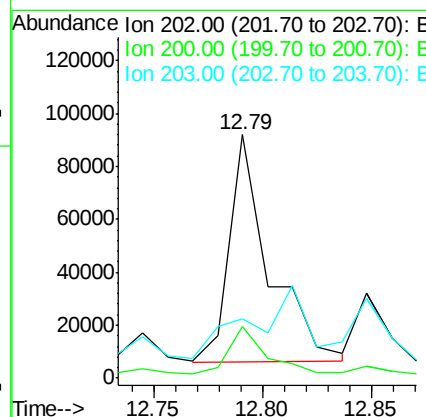
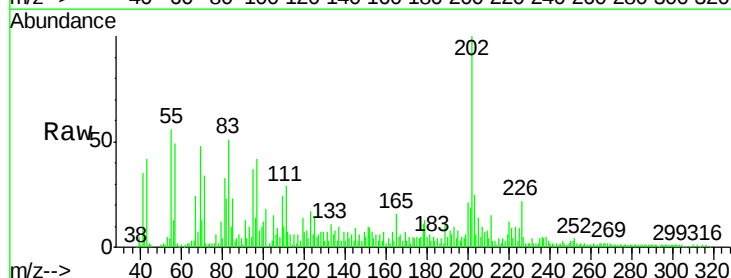
RT: 12.79 min Scan# 919

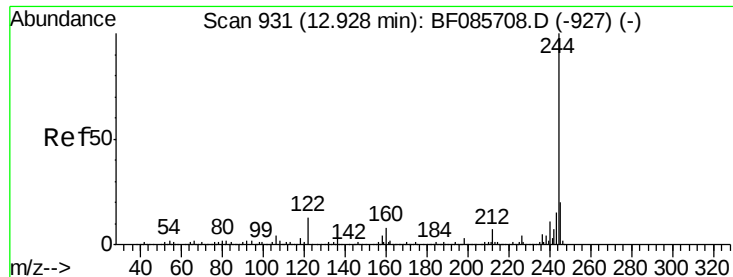
Delta R.T. 0.01 min

Lab File: BF085840.D

Acq: 29 Mar 2016 9:24

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.6	26.4
203	24.6	14.0	21.0#





#78

Terphenyl-d14

Concen: 51.05 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF085840.D

Acq: 29 Mar 2016 9:24

Instrument :

BNA_F

ClientSampleId :

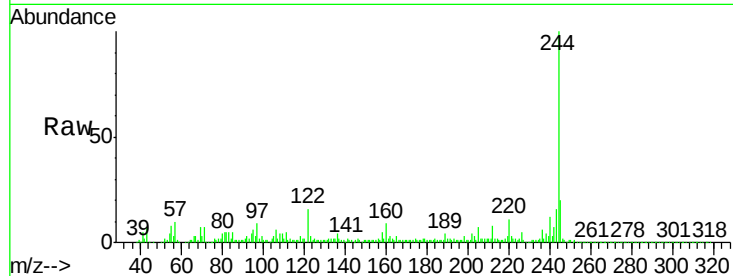
Tot Ion:244 Resp: 518323

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

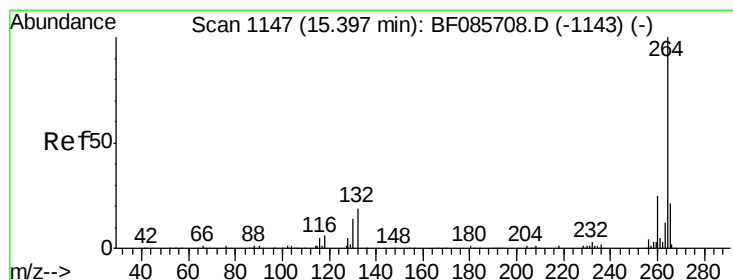
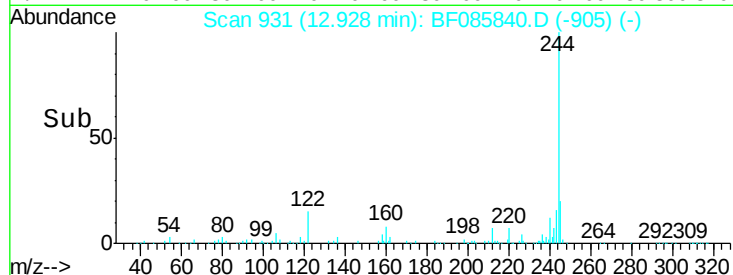
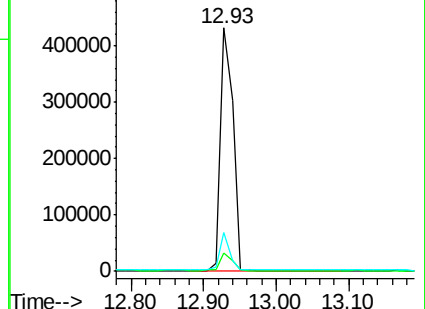
122 16.0 10.2 15.4#



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: 15.40 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BF085840.D

Acq: 29 Mar 2016 9:24

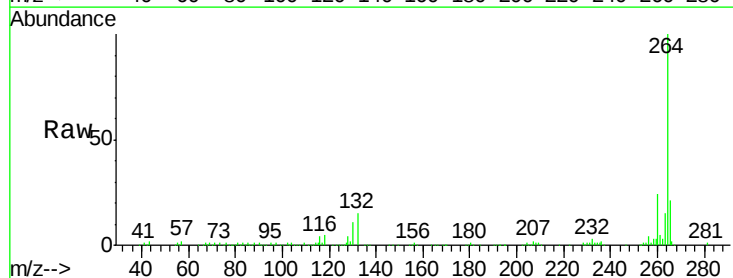
Tgt Ion:264 Resp: 216117

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.2

265 20.6 17.2 25.8



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

