

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085818.D
 Acq On : 28 Mar 2016 23:07
 Operator : UM/SJ
 Sample : H1942-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-929NCOMP

Quant Time: Mar 29 03:39:52 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	6.81	152	106679	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	336850	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	134036	20.00	ng	0.01
63) Phenanthrene-d10	11.36	188	240187	20.00	ng	0.01
75) Chrysene-d12	13.98	240	184432	20.00	ng	0.00
86) Perylene-d12	15.40	264	192779	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	571083	89.15	ng	0.00
7) Phenol-d6	6.45	99	703958	86.44	ng	-0.01
23) Nitrobenzene-d5	7.38	82	499703	83.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	153776	120.75	ng	0.01
44) 2-Fluorobiphenyl	9.19	172	724045	90.25	ng	0.00
78) Terphenyl-d14	12.93	244	528864	58.97	ng	0.00

Target Compounds

						Qvalue
15) Benzyl Alcohol	6.97	79	14516	2.67	ng	# 45
18) Hexachloroethane	7.28	117	27592	9.27	ng	# 1
19) n-Nitroso-di-n-propylamine	7.25	70	19858	4.07	ng	# 68
24) Nitrobenzene	7.36	77	47083	7.64	ng	# 36
25) Isophorone	7.62	82	62281	5.40	ng	# 1
26) 2-Nitrophenol	7.73	139	10351	3.36	ng	# 1
27) 2,4-Dimethylphenol	7.76	122	13203	2.45	ng	# 7
31) Naphthalene	8.13	128	83572	4.92	ng	# 33
32) Benzoic acid	7.90	122	9512	2.66	ng	# 24
33) 4-Chloroaniline	8.13	127	22715	3.28	ng	# 1
35) Caprolactam	8.54	113	102965	64.13	ng	# 41
36) 4-Chloro-3-methylphenol	8.63	107	22550	4.26	ng	# 28
37) 2-Methylnaphthalene	8.82	142	1185494	Below Cal		97
42) 2,4,6-Trichlorophenol	9.11	196	6754	2.52	ng	# 13
43) 2,4,5-Trichlorophenol	9.11	196	6754	2.40	ng	# 1
47) 2-Nitroaniline	9.42	65	8021	3.15	ng	# 1
48) Acenaphthylene	9.73	152	42701	3.15	ng	# 1
49) Dimethylphthalate	9.58	163	87688	8.62	ng	# 57
50) 2,6-Dinitrotoluene	9.67	165	13586	6.21	ng	# 76
51) Acenaphthene	9.90	154	117208	14.16	ng	# 90
52) 3-Nitroaniline	9.82	138	13178	5.26	ng	# 26
53) 2,4-Dinitrophenol	9.92	184	740	6.66	ng	# 1
54) Dibenzofuran	10.08	168	91238	8.52	ng	# 1
55) 4-Nitrophenol	9.98	139	75802	46.44	ng	# 58
56) 2,4-Dinitrotoluene	10.08	165	30653	11.02	ng	# 66
57) Fluorene	10.42	166	242954	27.28	ng	# 96
61) 4-Nitroaniline	10.33	138	12493	5.21	ng	# 86
62) Azobenzene	10.57	77	36136	3.74	ng	# 1
65) n-Nitrosodiphenylamine	10.54	169	392088	51.54	ng	# 47
69) Pentachlorophenol	11.20	266	5358	4.25	ng	# 32
70) Phenanthrene	11.39	178	649705	52.68	ng	# 96
71) Anthracene	11.39	178	649705	50.18	ng	97
74) Fluoranthene	12.56	202	133539	10.19	ng	93
77) Pyrene	12.79	202	153702	10.14	ng	97

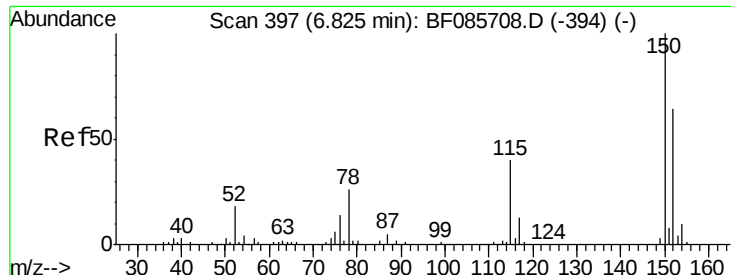
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
Data File : BF085818.D
Acq On : 28 Mar 2016 23:07
Operator : UM/SJ
Sample : H1942-04
Misc :
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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 15:27:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Benzo(a)anthracene	13.97	228	26799	2.55	ng	# 89
82) Chrysene	13.97	228	26799	2.53	ng	# 93
87) Benzo(b)fluoranthene	14.99	252	38020	3.13	ng	# 74
88) Benzo(k)fluoranthene	14.99	252	38020	3.47	ng	# 74

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

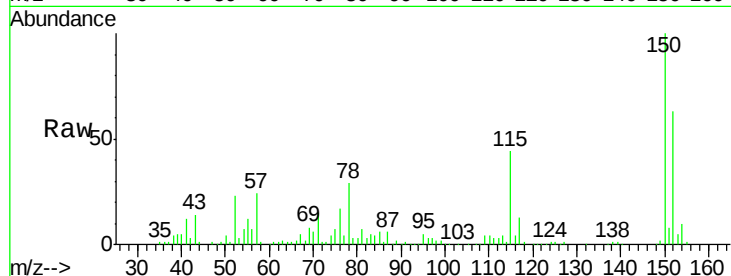


#1

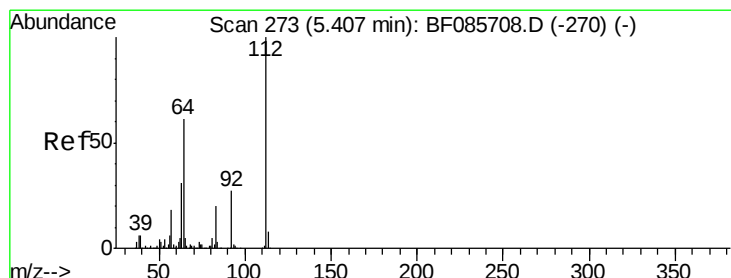
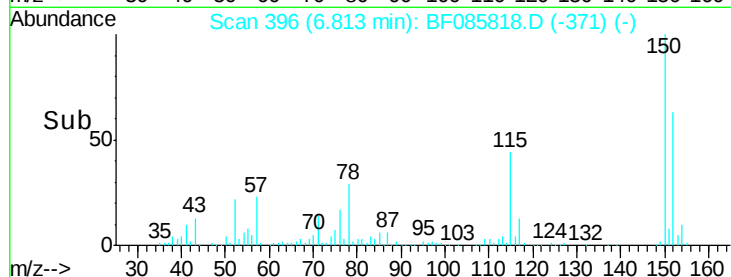
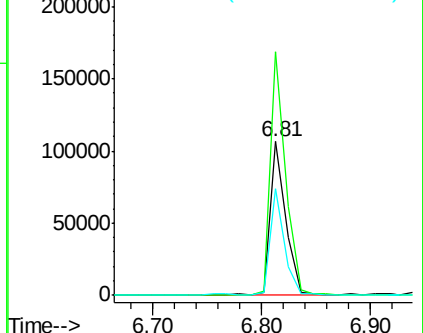
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BF085818.D
 Acq: 28 Mar 2016 23:07

Instrument :
 BNA_F
 ClientSampleId :
 B-929NCOMP

Tgt Ion:152 Resp: 106679
 Ion Ratio Lower Upper
 152 100
 150 158.5 124.2 186.2
 115 69.7 47.0 70.6



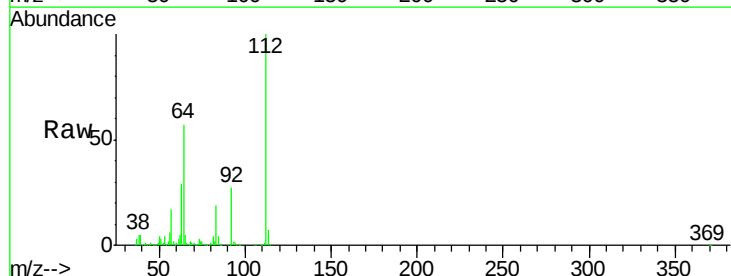
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



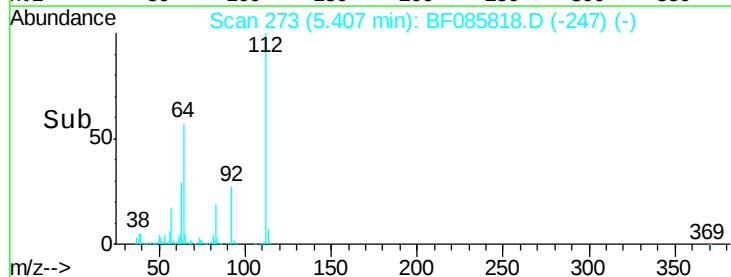
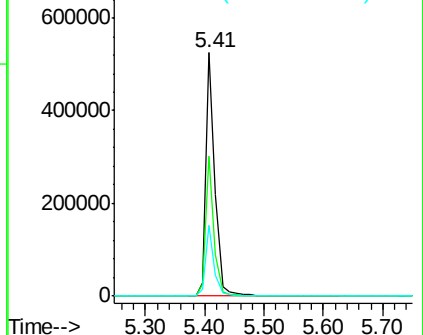
#5

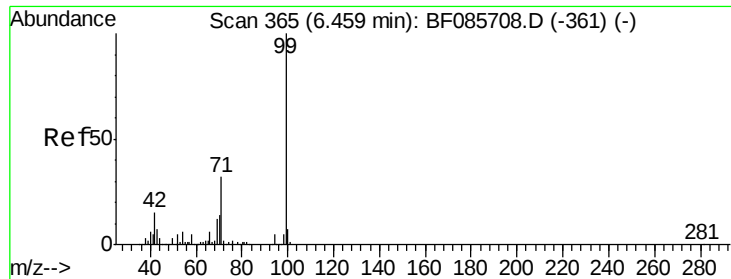
2-Fluorophenol
 Concen: 89.15 ng
 RT: 5.41 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: BF085818.D
 Acq: 28 Mar 2016 23:07

Tgt Ion:112 Resp: 571083
 Ion Ratio Lower Upper
 112 100
 64 57.4 39.9 59.9
 63 29.2 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: 86.44 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF085818.D

Acq: 28 Mar 2016 23:07

Instrument :

BNA_F

ClientSampleId :

B-929NCOMP

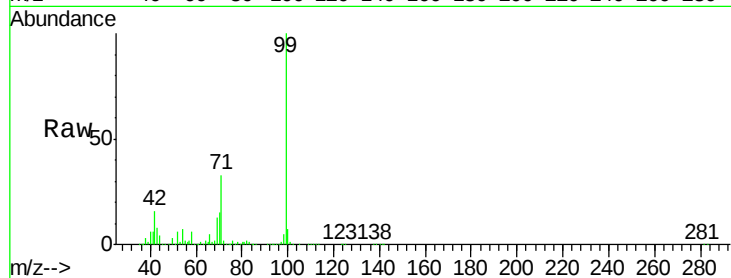
Tgt Ion: 99 Resp: 703958

Ion Ratio Lower Upper

99 100

42 16.1 11.1 16.7

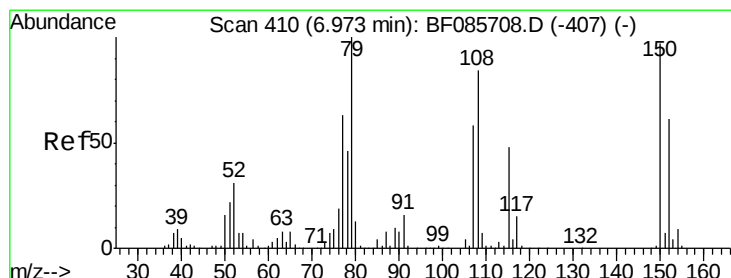
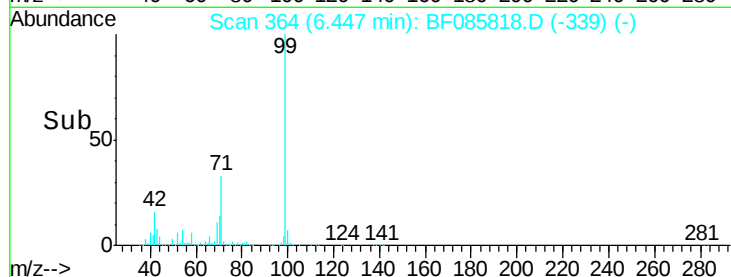
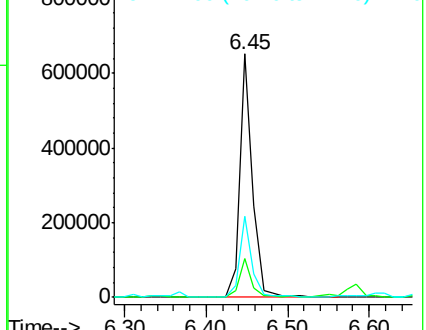
71 33.3 24.9 37.3



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



#15

Benzyl Alcohol

Concen: 2.67 ng

RT: 6.97 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF085818.D

Acq: 28 Mar 2016 23:07

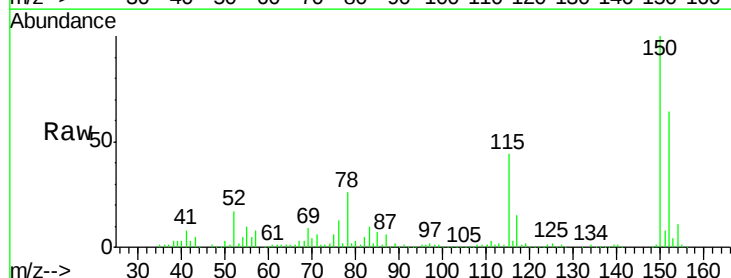
Tgt Ion: 79 Resp: 14516

Ion Ratio Lower Upper

79 100

108 29.2 61.8 92.6#

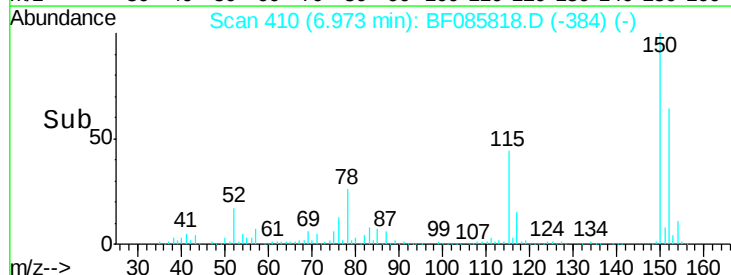
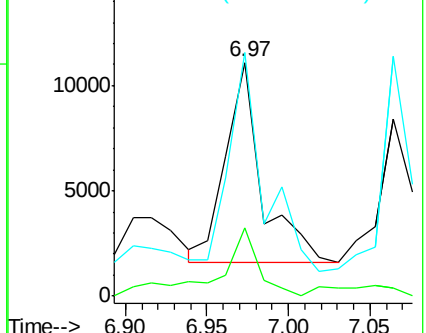
77 104.2 49.6 74.4#

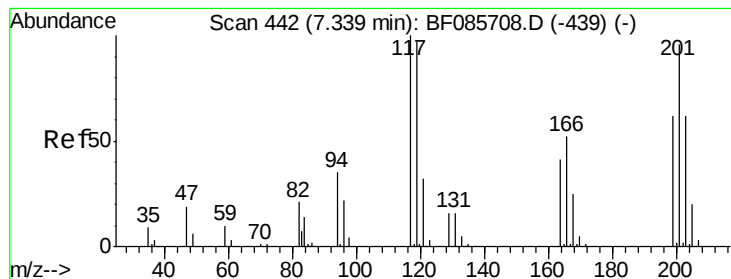


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#18

Hexachloroethane

Concen: 9.27 ng

RT: 7.28 min Scan# 437

Delta R.T. -0.06 min

Lab File: BF085818.D

Acq: 28 Mar 2016 23:07

Instrument :

BNA_F

ClientSampleId :

B-929NCOMP

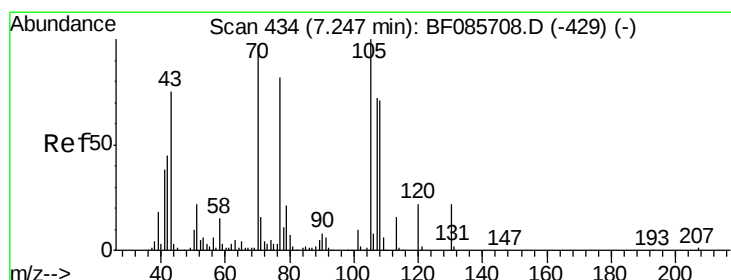
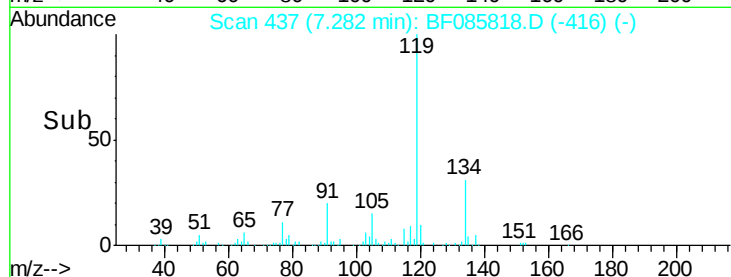
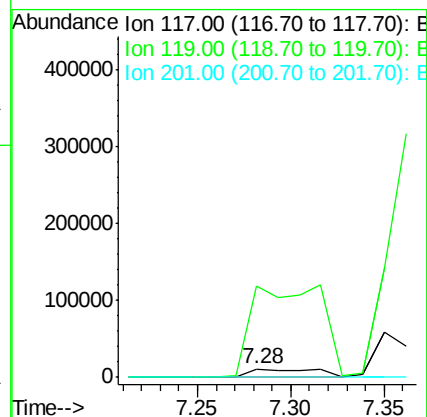
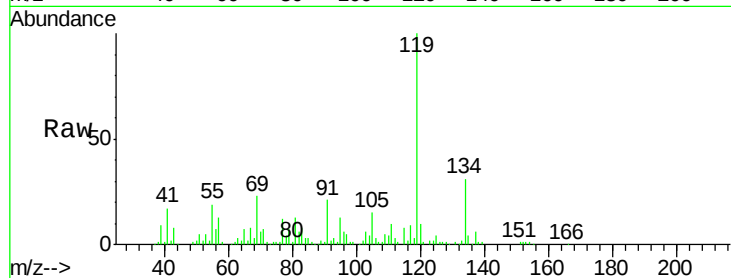
Tgt Ion: 117 Resp: 27592

Ion Ratio Lower Upper

117 100

119 1105.0 76.7 115.1#

201 0.0 83.3 124.9#



#19

n-Nitroso-di-n-propylamine

Concen: 4.07 ng

RT: 7.25 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF085818.D

Acq: 28 Mar 2016 23:07

Tgt Ion: 70 Resp: 19858

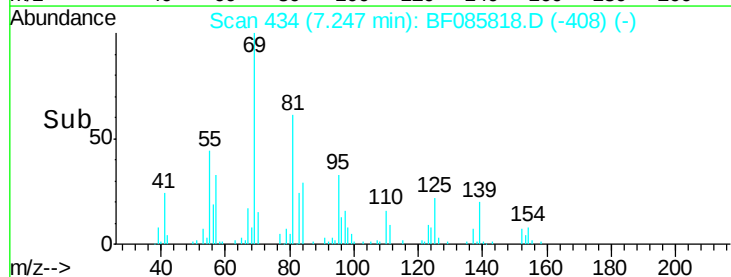
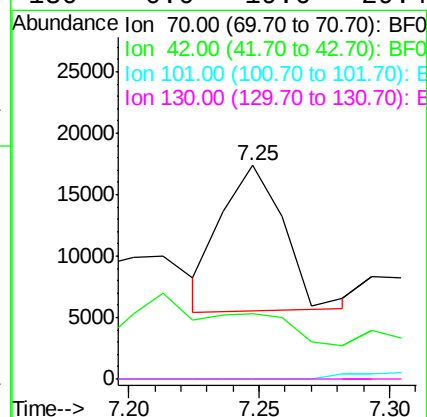
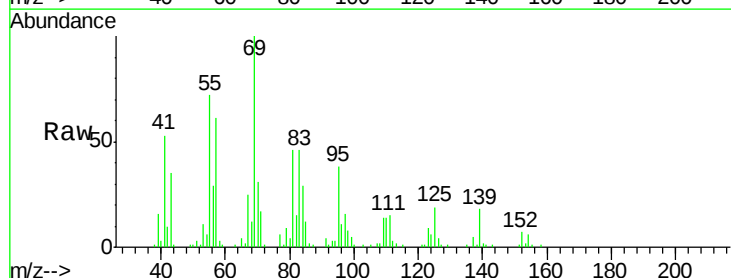
Ion Ratio Lower Upper

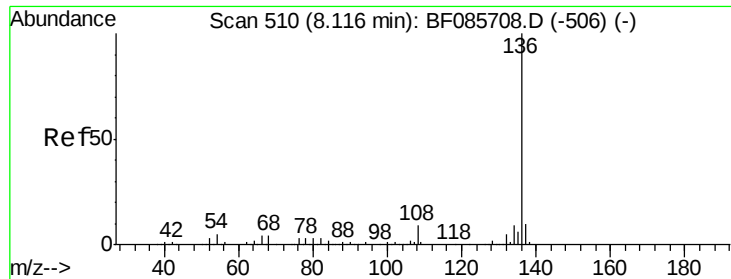
70 100

42 30.7 37.1 55.7#

101 0.0 8.6 12.8#

130 0.0 19.6 29.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF085818.D

Acq: 28 Mar 2016 23:07

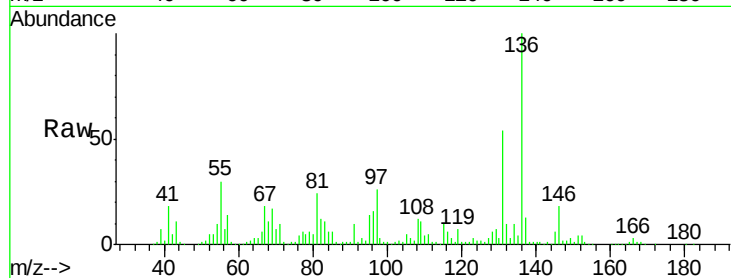
Instrument :

BNA_F

ClientSampleId :

B-929NCOMP

Tgt Ion:	136	Resp:	336850
Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.1	13.7
54	10.4	7.4	11.0
68	10.6	5.8	8.8#

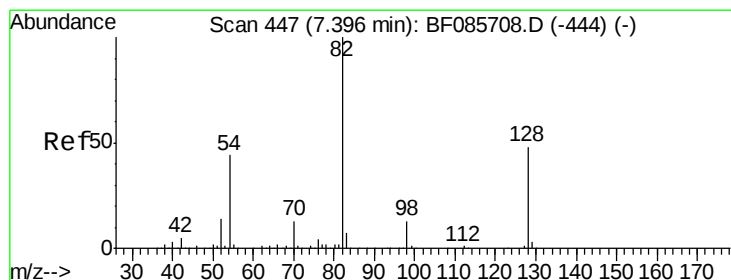
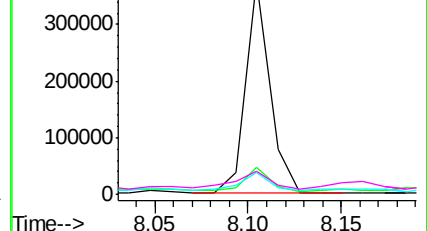
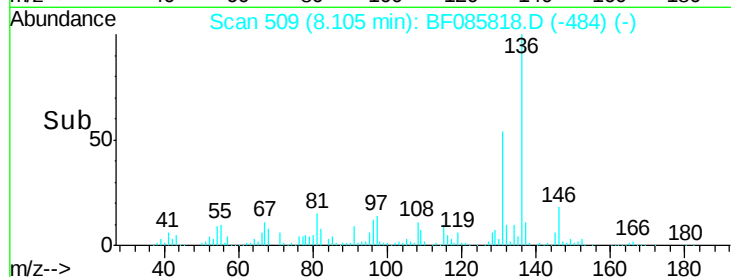


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 83.54 ng

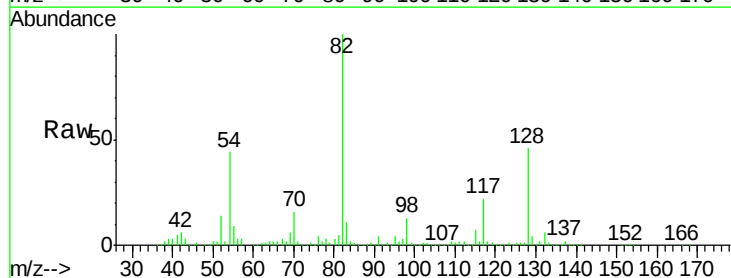
RT: 7.38 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF085818.D

Acq: 28 Mar 2016 23:07

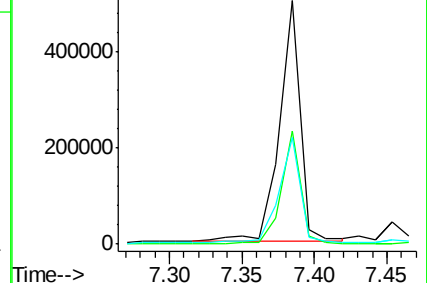
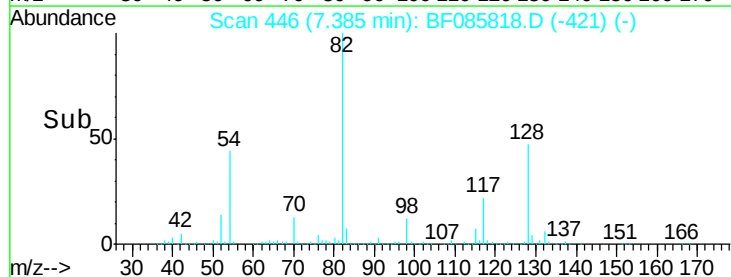
Tgt Ion:	82	Resp:	499703
Ion	Ratio	Lower	Upper
82	100		
128	46.4	41.8	62.8
54	43.6	33.4	50.0

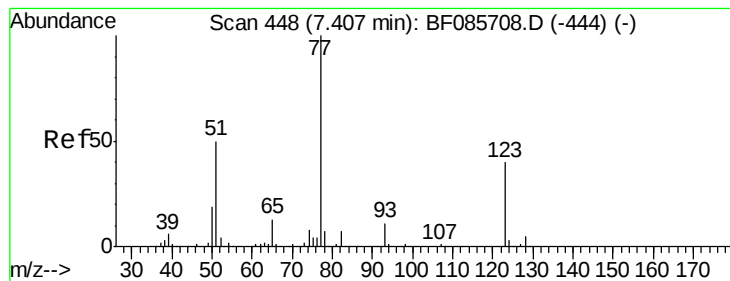


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 7.64 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.05 min

Lab File: BF085818.D

Acq: 28 Mar 2016 23:07

Instrument :

BNA_F

ClientSampleId :

B-929NCOMP

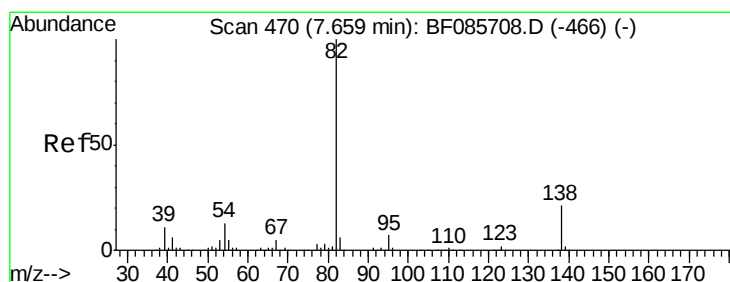
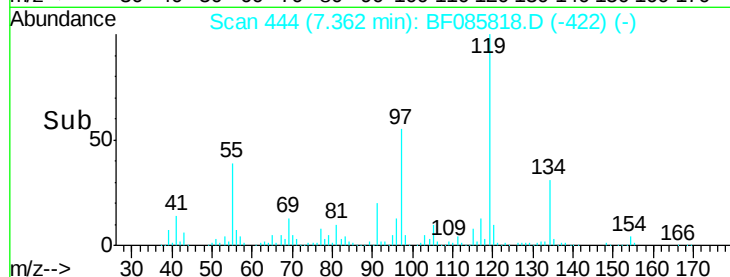
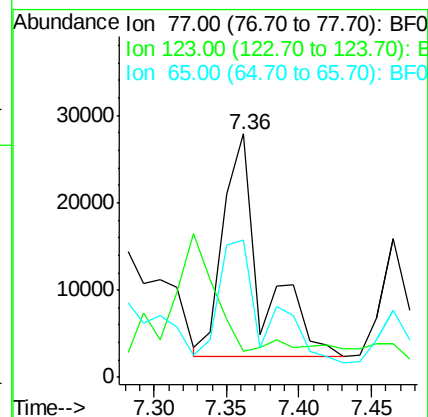
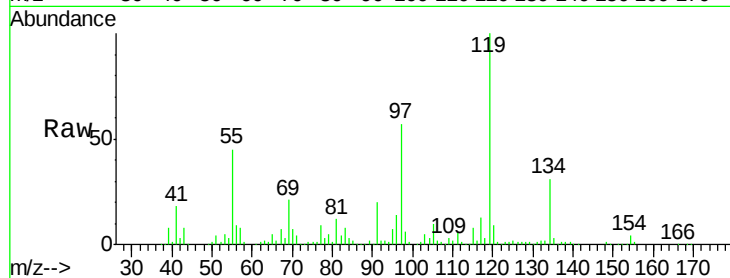
Tgt Ion: 77 Resp: 47083

Ion Ratio Lower Upper

77 100

123 10.7 35.0 52.4#

65 56.3 10.6 16.0#



#25

Isophorone

Concen: 5.40 ng

RT: 7.62 min Scan# 467

Delta R.T. -0.03 min

Lab File: BF085818.D

Acq: 28 Mar 2016 23:07

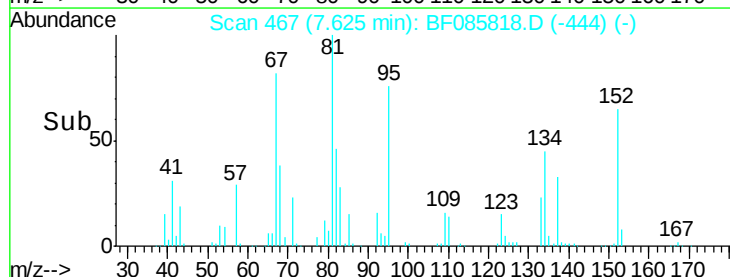
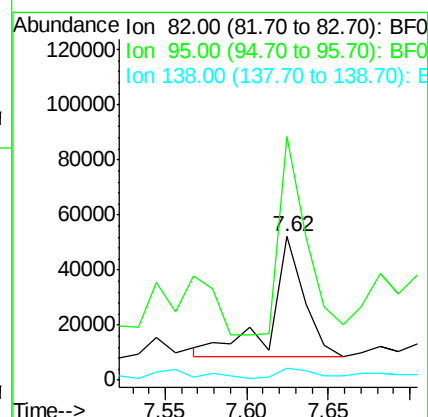
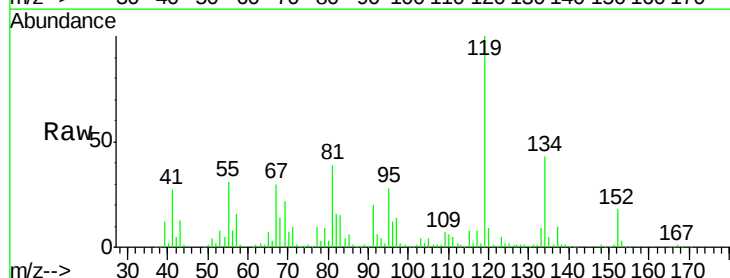
Tgt Ion: 82 Resp: 62281

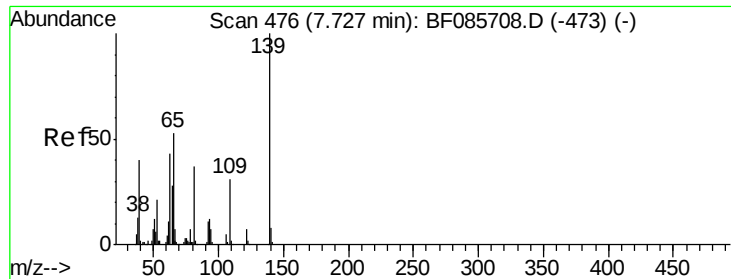
Ion Ratio Lower Upper

82 100

95 170.1 5.4 8.2#

138 8.5 12.9 19.3#





#26

2-Nitrophenol

Concen: 3.36 ng

RT: 7.73 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF085818.D

Acq: 28 Mar 2016 23:07

Instrument :

BNA_F

ClientSampleId :

B-929NCOMP

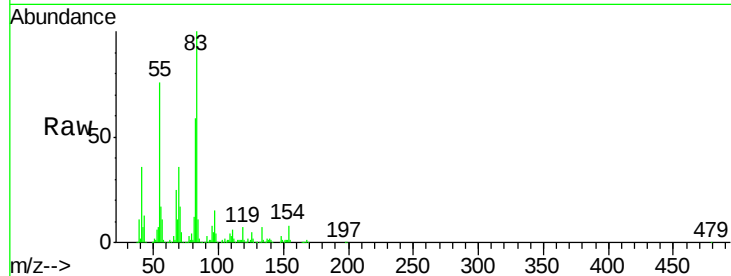
Tgt Ion:139 Resp: 10351

Ion Ratio Lower Upper

139 100

109 181.7 22.1 33.1#

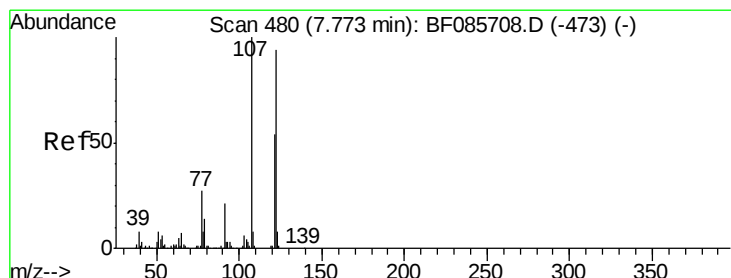
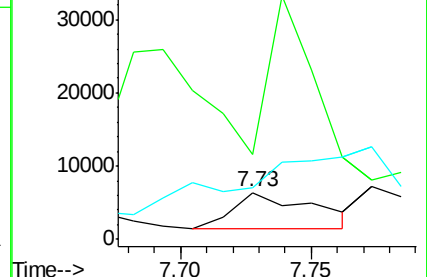
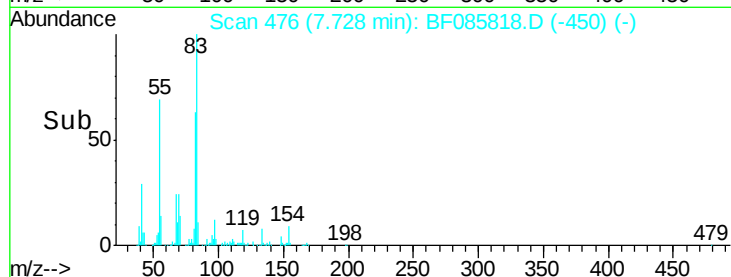
65 109.6 33.9 50.9#



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



#27

2,4-Dimethylphenol

Concen: 2.45 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF085818.D

Acq: 28 Mar 2016 23:07

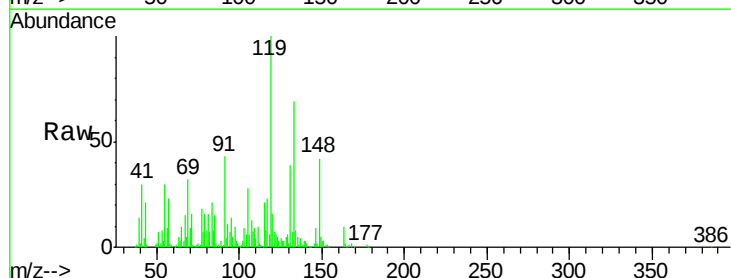
Tgt Ion:122 Resp: 13203

Ion Ratio Lower Upper

122 100

107 223.1 93.0 139.6#

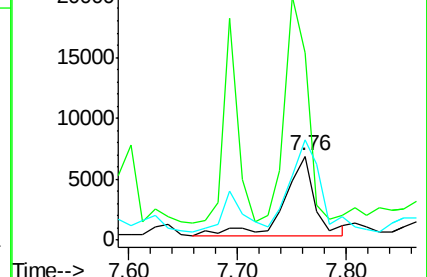
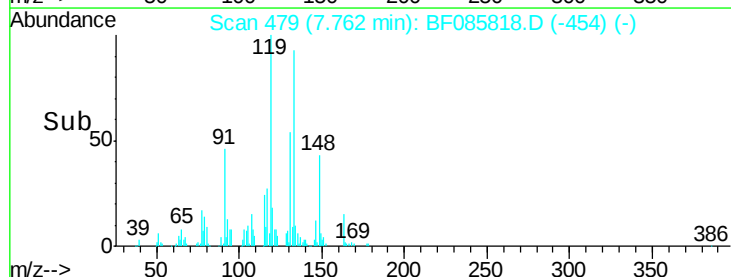
121 118.9 45.9 68.9#

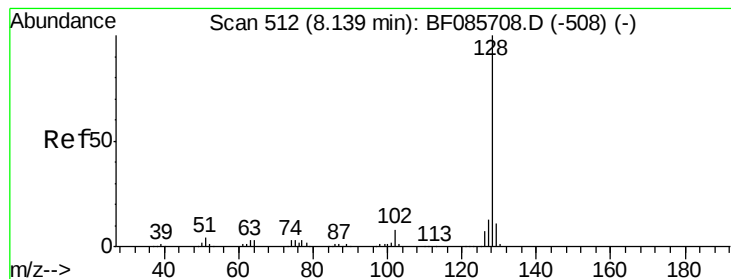


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#31

Naphthalene

Concen: 4.92 ng

RT: 8.13 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF085818.D

Acq: 28 Mar 2016 23:07

Instrument :

BNA_F

ClientSampleId :

B-929NCOMP

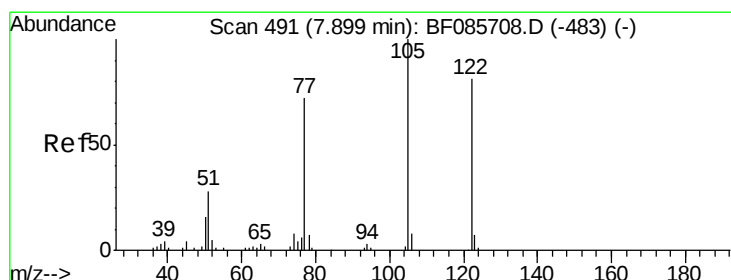
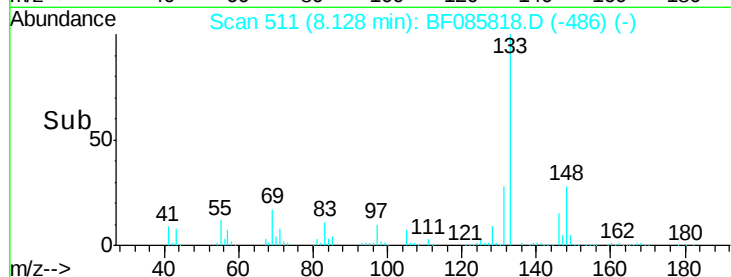
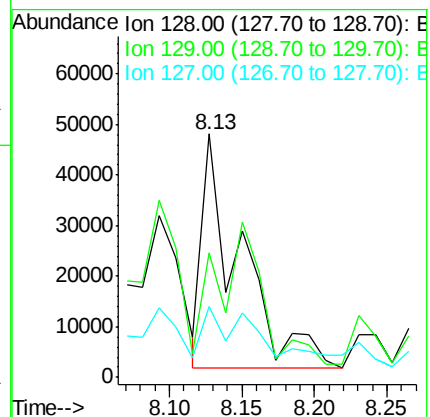
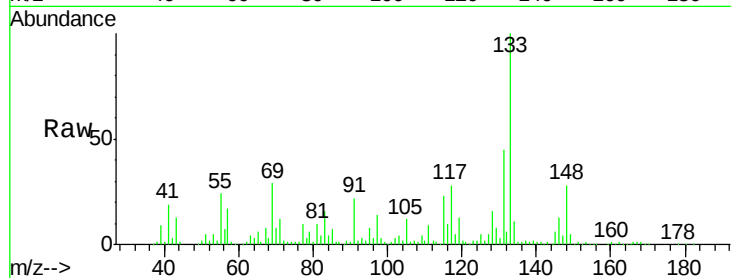
Tgt Ion:128 Resp: 83572

Ion Ratio Lower Upper

128 100

129 51.1 9.4 14.0#

127 29.1 11.0 16.6#



#32

Benzoic acid

Concen: 2.66 ng

RT: 7.90 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF085818.D

Acq: 28 Mar 2016 23:07

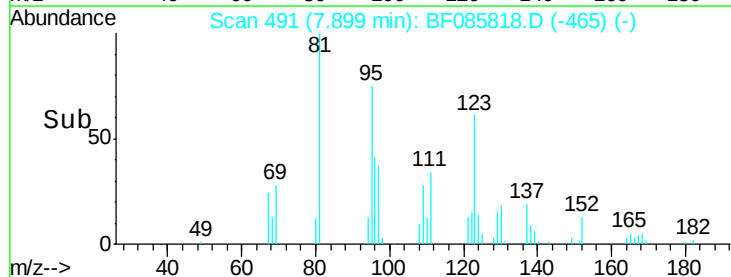
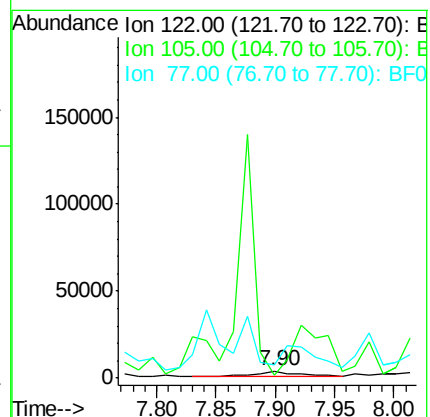
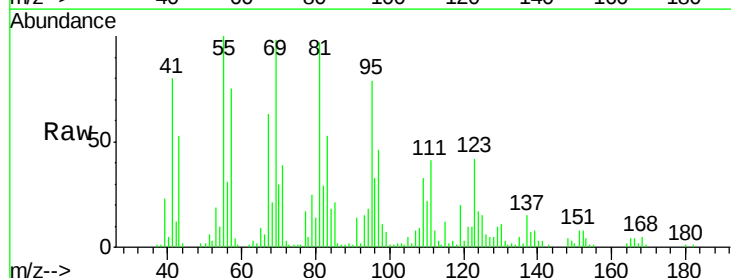
Tgt Ion:122 Resp: 9512

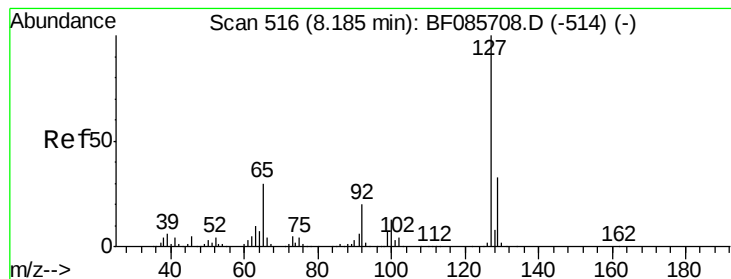
Ion Ratio Lower Upper

122 100

105 50.4 102.9 142.9#

77 178.4 71.8 111.8#





#33

4-Chloroaniline

Concen: 3.28 ng

RT: 8.13 min Scan# 511

Delta R.T. -0.06 min

Lab File: BF085818.D

Acq: 28 Mar 2016 23:07

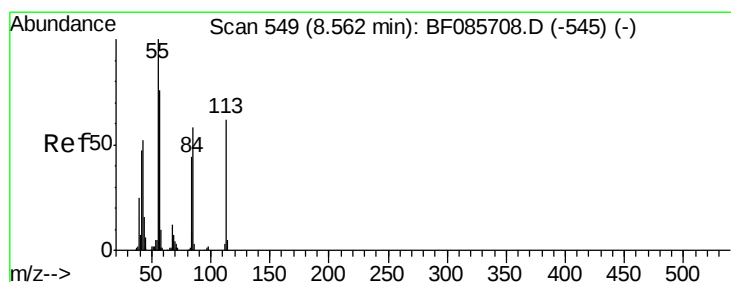
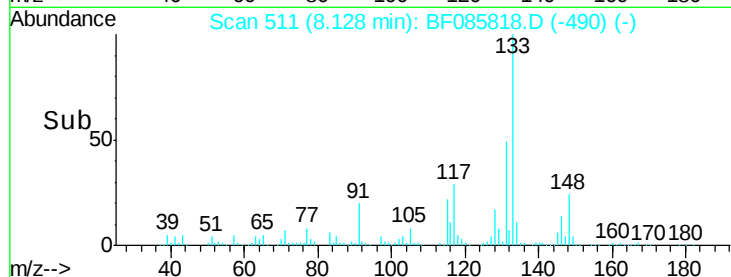
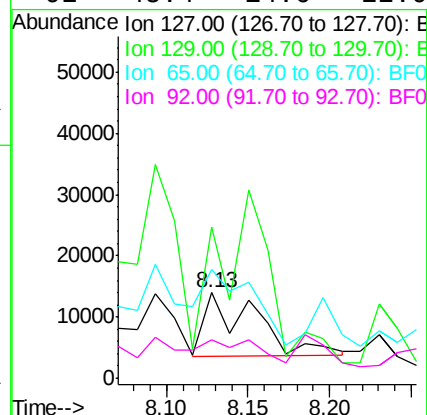
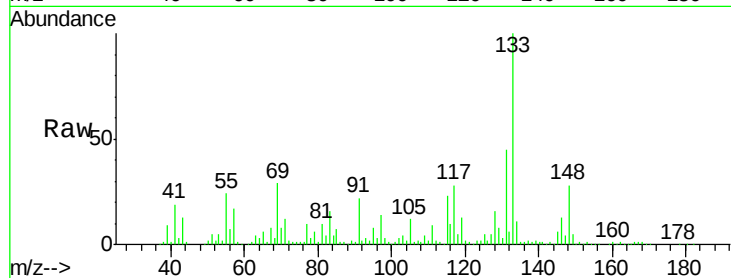
Instrument :

BNA_F

ClientSampleId :

B-929NCOMP

Tgt Ion:	127	Resp:	22715
Ion	Ratio	Lower	Upper
127	100		
129	175.8	26.1	39.1#
65	126.5	19.5	29.3#
92	45.4	14.6	22.0#



#35

Caprolactam

Concen: 64.13 ng

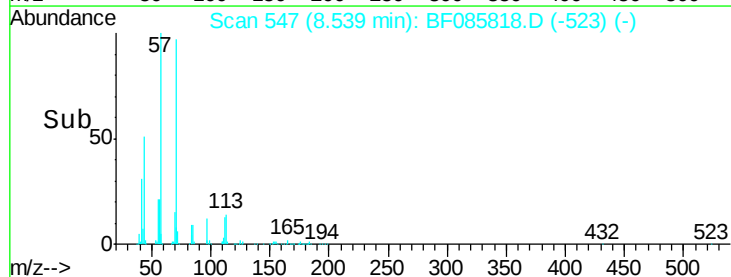
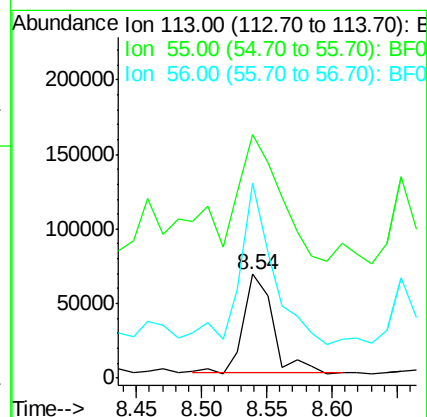
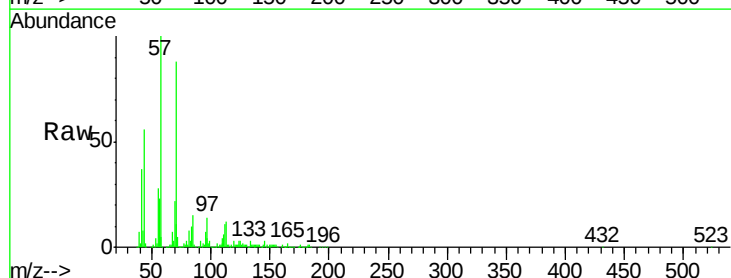
RT: 8.54 min Scan# 547

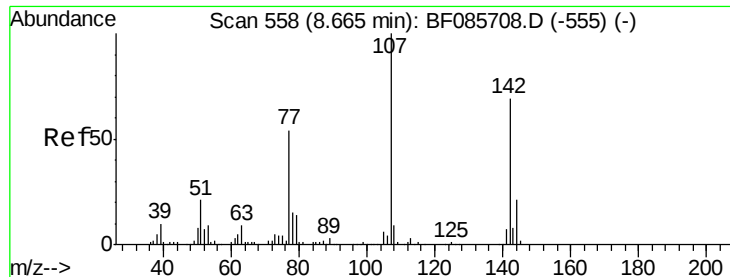
Delta R.T. -0.02 min

Lab File: BF085818.D

Acq: 28 Mar 2016 23:07

Tgt Ion:	113	Resp:	102965
Ion	Ratio	Lower	Upper
113	100		
55	235.1	139.4	179.4#
56	188.7	100.4	140.4#





#36

4-Chloro-3-methylphenol

Concen: 4.26 ng

RT: 8.63 min Scan# 555

Delta R.T. -0.03 min

Lab File: BF085818.D

Acq: 28 Mar 2016 23:07

Instrument :

BNA_F

ClientSampleId :

B-929NCOMP

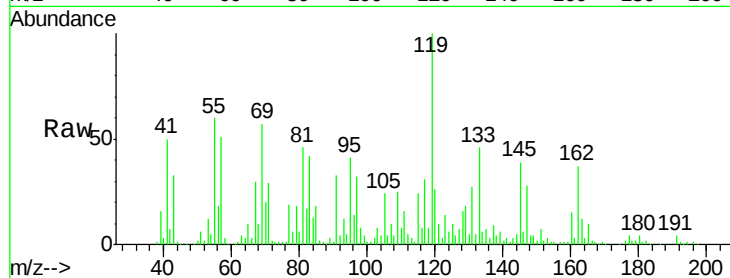
Tgt Ion:107 Resp: 22550

Ion Ratio Lower Upper

107 100

144 51.8 19.3 28.9#

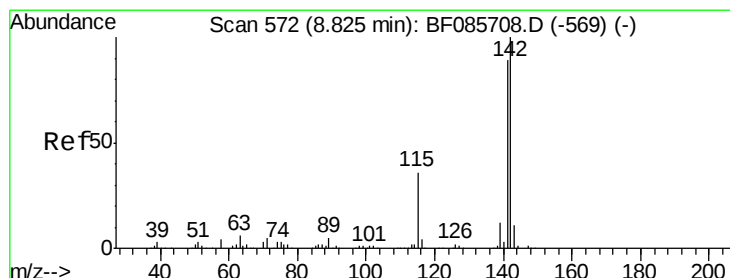
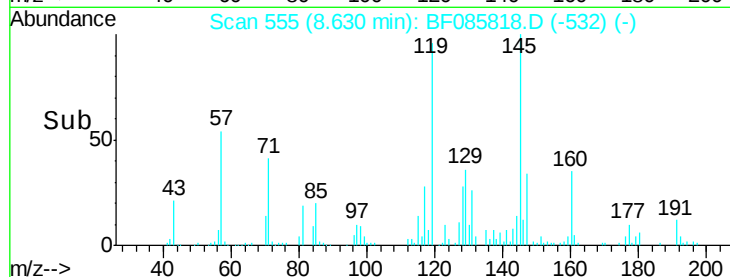
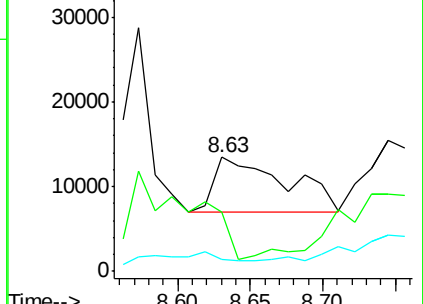
142 10.4 61.4 92.0#



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: Below Cal

RT: 8.82 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF085818.D

Acq: 28 Mar 2016 23:07

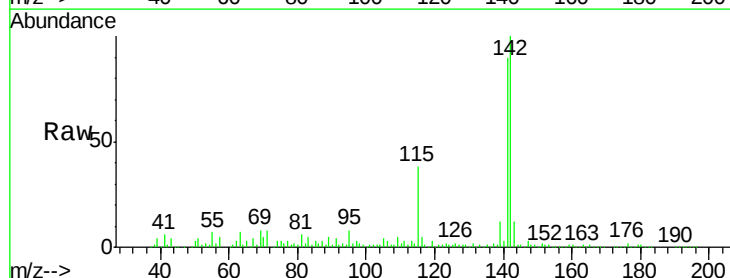
Tgt Ion:142 Resp: 1185494

Ion Ratio Lower Upper

142 100

141 90.2 71.6 107.4

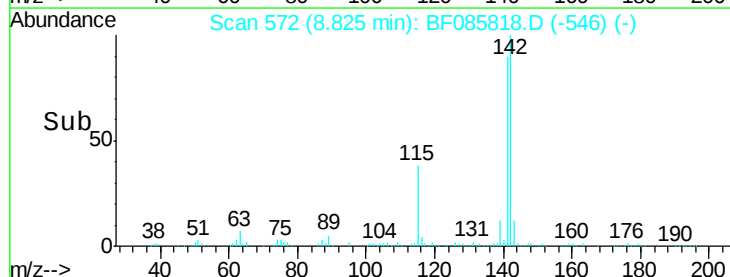
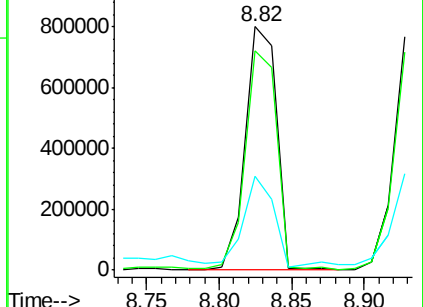
115 38.3 26.8 40.2

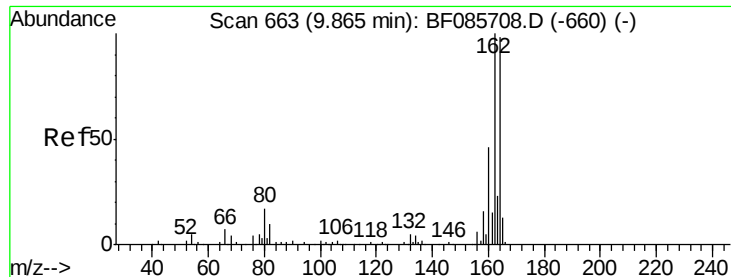


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.88 min Scan# 664

Delta R.T. 0.01 min

Lab File: BF085818.D

Acq: 28 Mar 2016 23:07

Instrument :

BNA_F

ClientSampleId :

B-929NCOMP

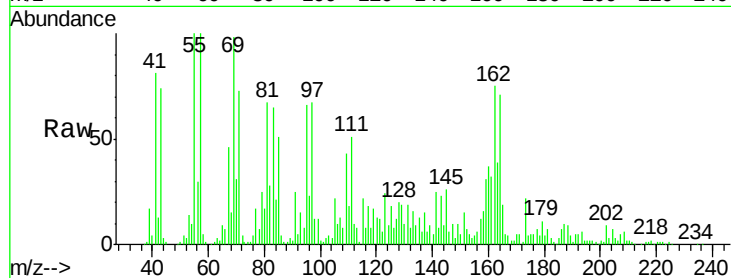
Tgt Ion:164 Resp: 134036

Ion Ratio Lower Upper

164 100

162 105.1 82.1 123.1

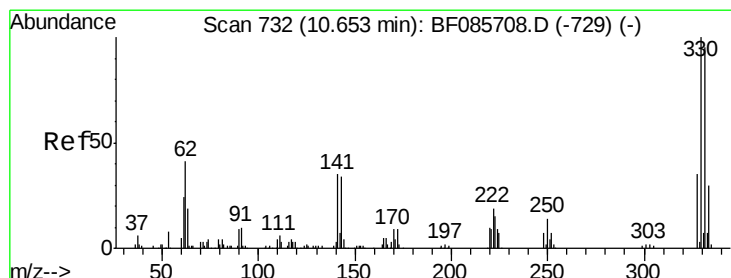
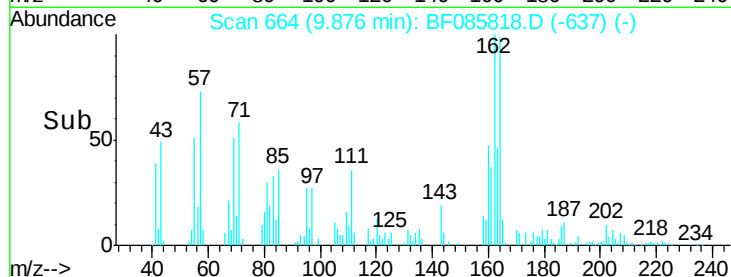
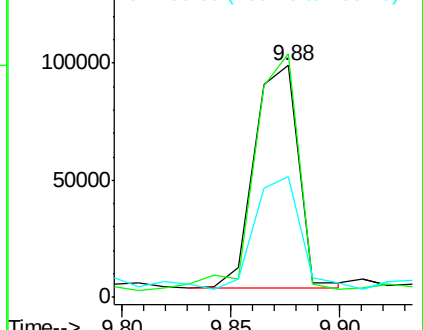
160 52.3 37.4 56.2



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: 120.75 ng

RT: 10.66 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF085818.D

Acq: 28 Mar 2016 23:07

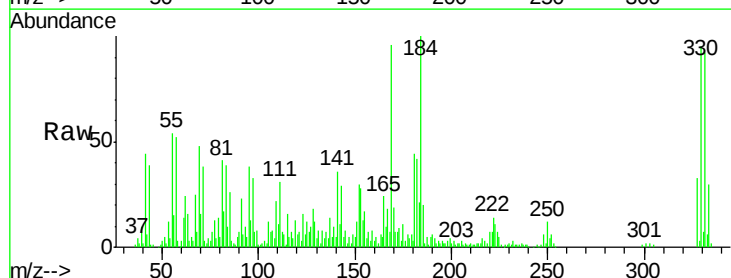
Tgt Ion:330 Resp: 153776

Ion Ratio Lower Upper

330 100

332 97.7 78.2 117.2

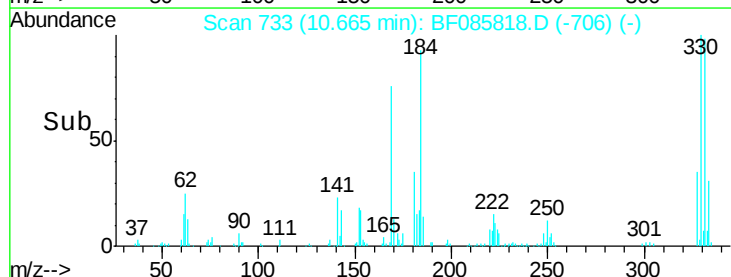
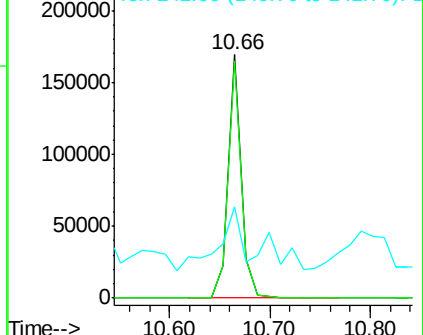
141 47.8 31.5 47.3#

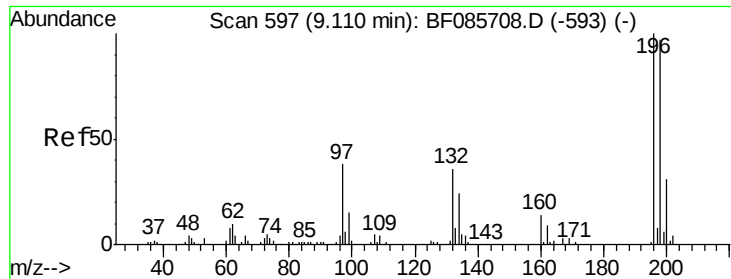


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

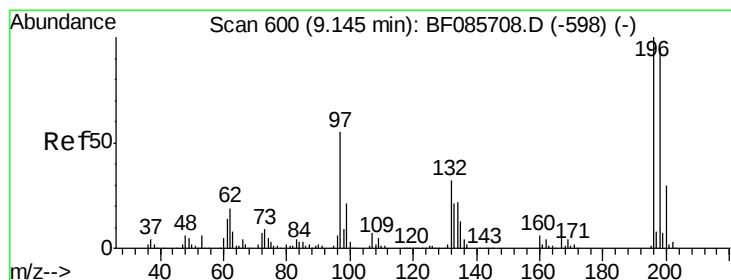
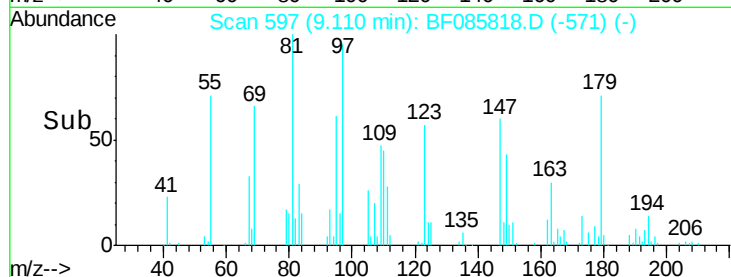
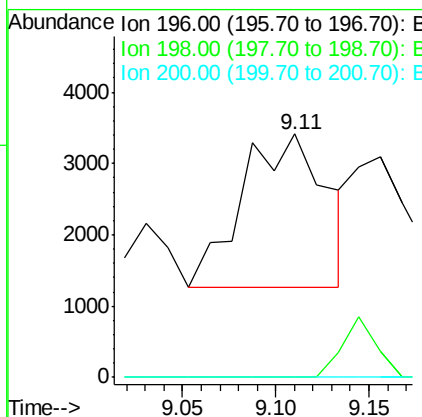
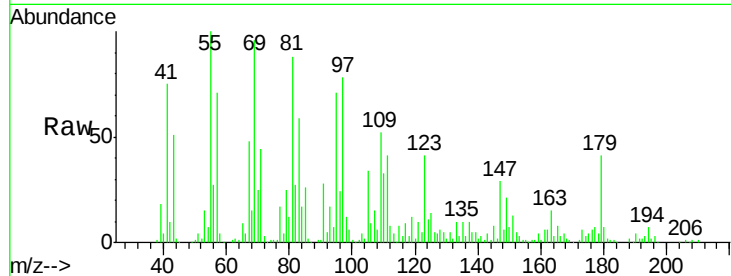




#42
 2,4,6-Trichlorophenol
 Concen: 2.52 ng
 RT: 9.11 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF085818.D
 Acq: 28 Mar 2016 23:07

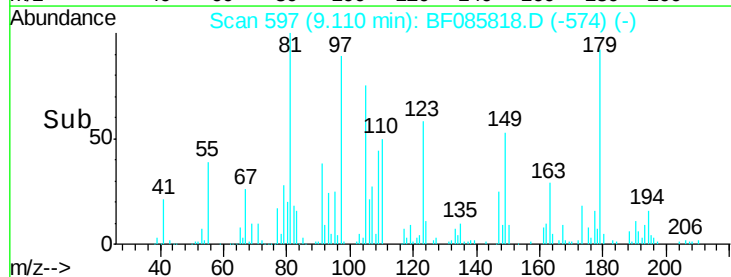
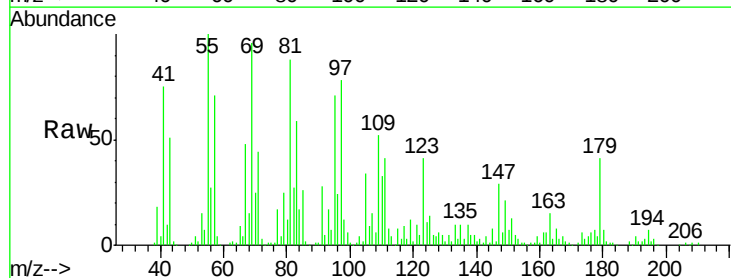
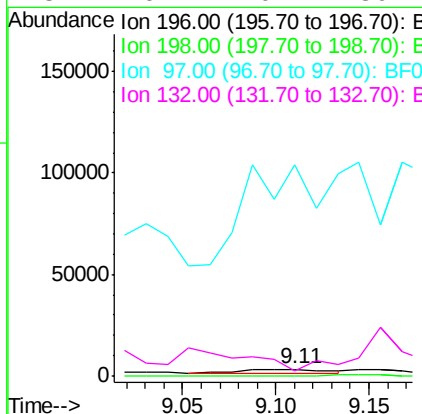
Instrument :
 BNA_F
 ClientSampleId :
 B-929NCOMP

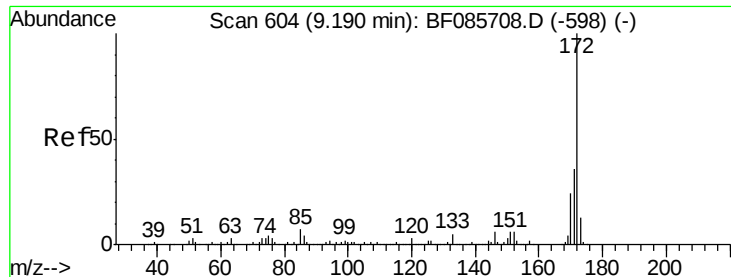
Tgt Ion:196 Resp: 6754
 Ion Ratio Lower Upper
 196 100
 198 0.0 75.3 112.9#
 200 0.0 23.7 35.5#



#43
 2,4,5-Trichlorophenol
 Concen: 2.40 ng
 RT: 9.11 min Scan# 597
 Delta R.T. -0.03 min
 Lab File: BF085818.D
 Acq: 28 Mar 2016 23:07

Tgt Ion:196 Resp: 6754
 Ion Ratio Lower Upper
 196 100
 198 0.0 76.6 114.8#
 97 3053.1 30.5 45.7#
 132 76.1 20.2 30.2#





#44

2-Fluorobiphenyl

Concen: 90.25 ng

RT: 9.19 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF085818.D

Acq: 28 Mar 2016 23:07

Instrument :

BNA_F

ClientSampleId :

B-929NCOMP

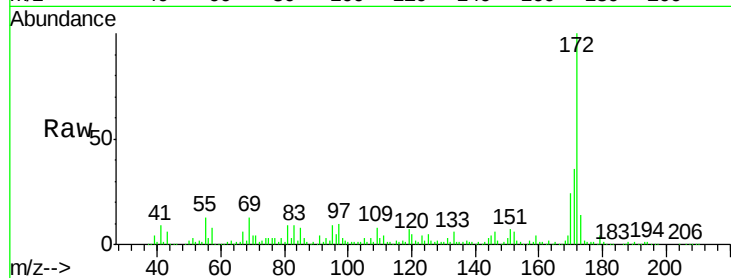
Tgt Ion: 172 Resp: 724045

Ion Ratio Lower Upper

172 100

171 36.1 29.4 44.2

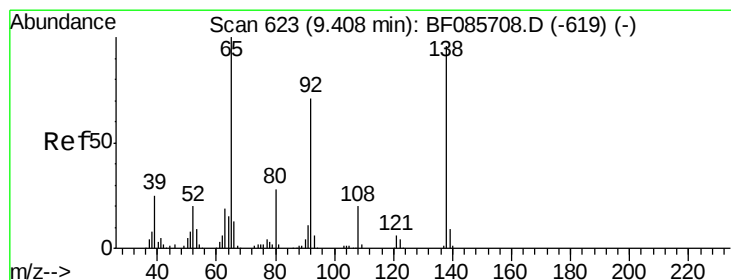
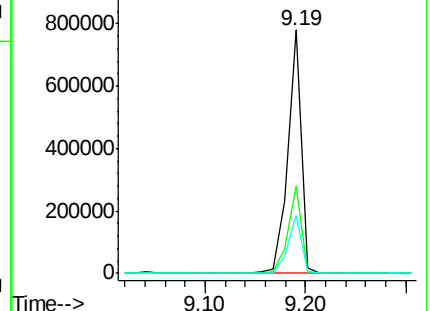
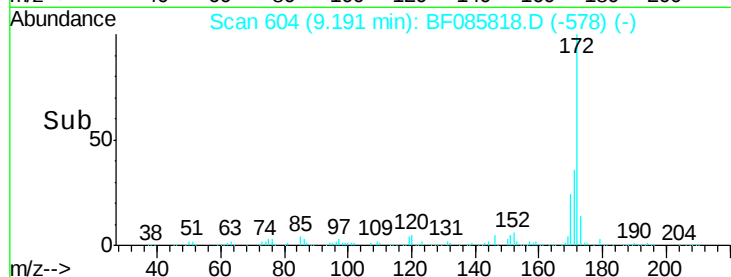
170 23.8 19.8 29.6



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#47

2-Nitroaniline

Concen: 3.15 ng

RT: 9.42 min Scan# 624

Delta R.T. 0.01 min

Lab File: BF085818.D

Acq: 28 Mar 2016 23:07

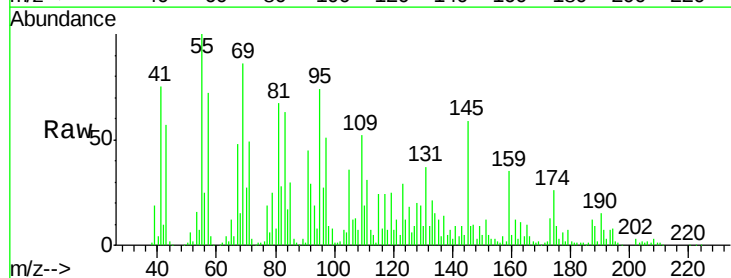
Tgt Ion: 65 Resp: 8021

Ion Ratio Lower Upper

65 100

92 249.3 59.7 89.5#

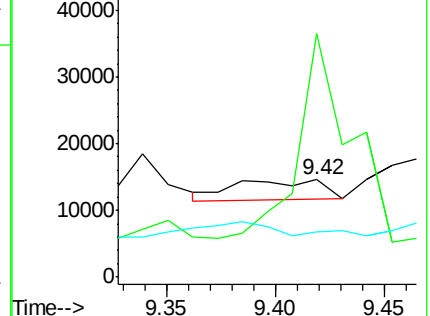
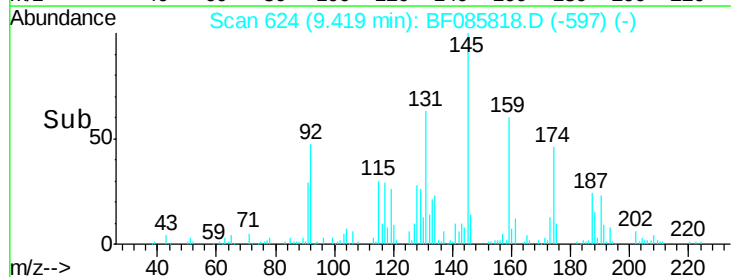
138 46.5 91.4 137.0#

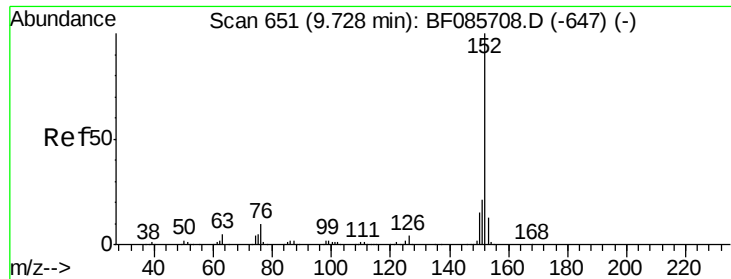


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 3.15 ng

RT: 9.73 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF085818.D

Acq: 28 Mar 2016 23:07

Instrument :

BNA_F

ClientSampleId :

B-929NCOMP

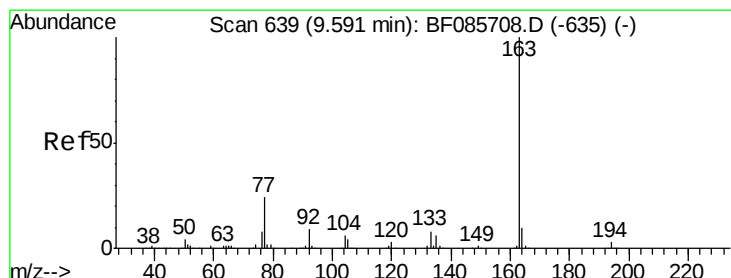
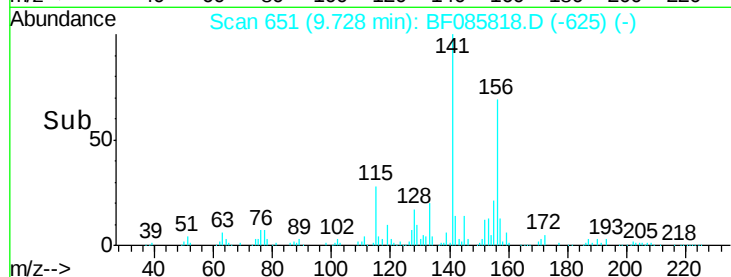
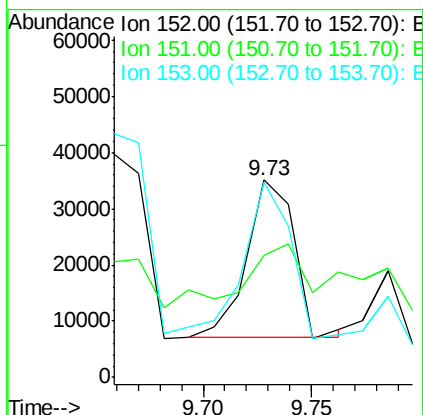
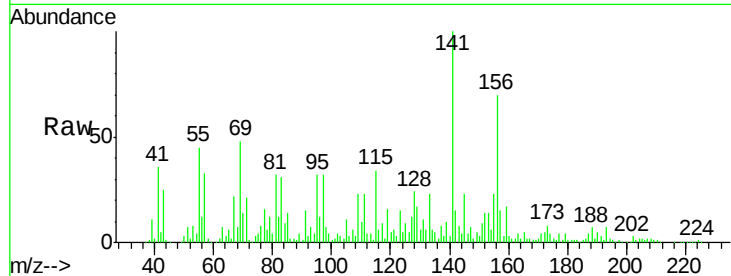
Tgt Ion:152 Resp: 42701

Ion Ratio Lower Upper

152 100

151 62.2 16.8 25.2#

153 98.7 10.9 16.3#



#49

Dimethylphthalate

Concen: 8.62 ng

RT: 9.58 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF085818.D

Acq: 28 Mar 2016 23:07

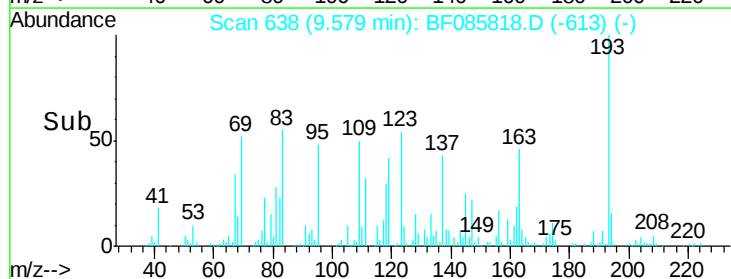
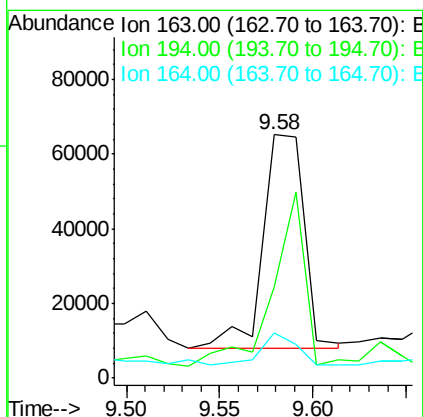
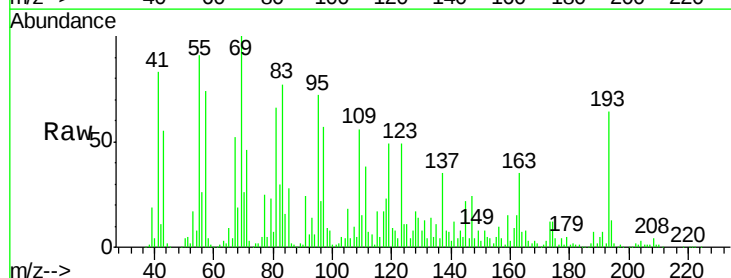
Tgt Ion:163 Resp: 87688

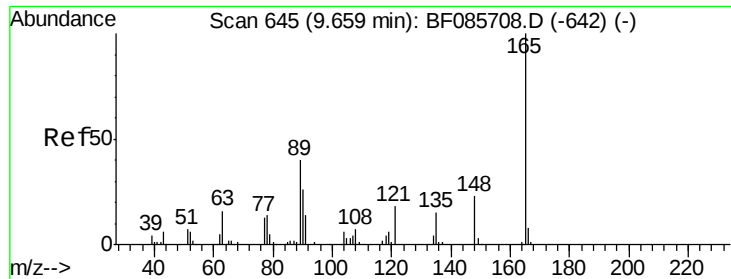
Ion Ratio Lower Upper

163 100

194 37.5 2.9 4.3#

164 18.7 8.3 12.5#

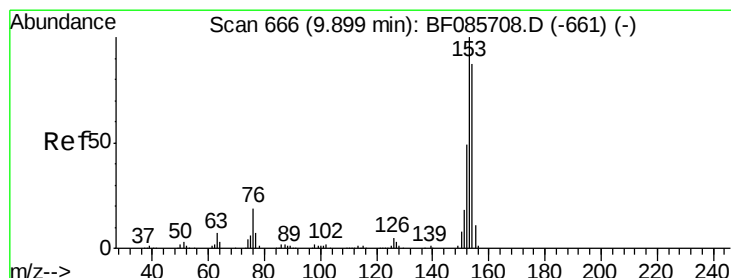
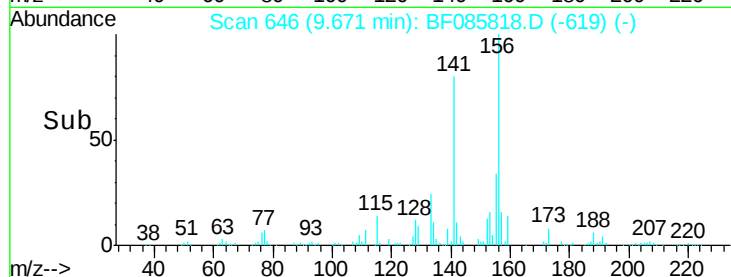
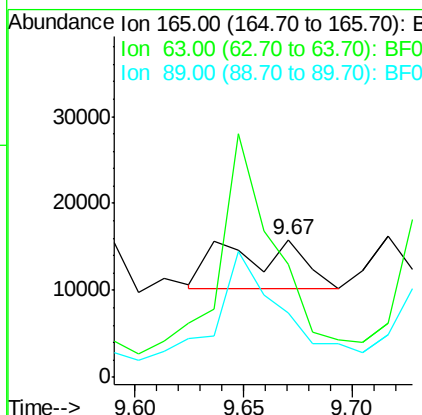
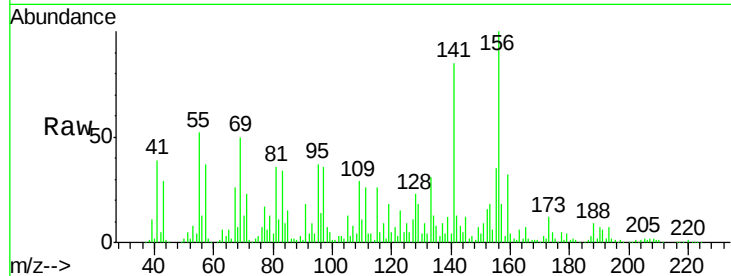




#50
 2,6-Dinitrotoluene
 Concen: 6.21 ng
 RT: 9.67 min Scan# 646
 Delta R.T. 0.01 min
 Lab File: BF085818.D
 Acq: 28 Mar 2016 23:07

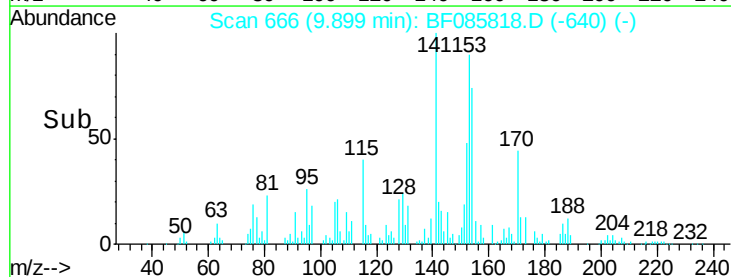
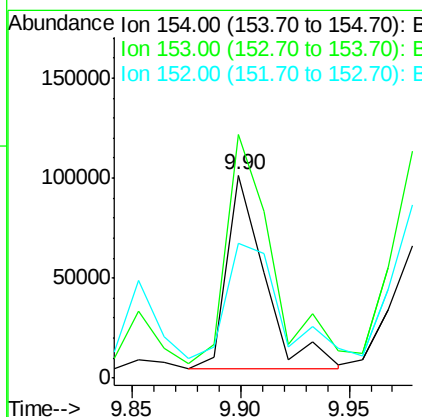
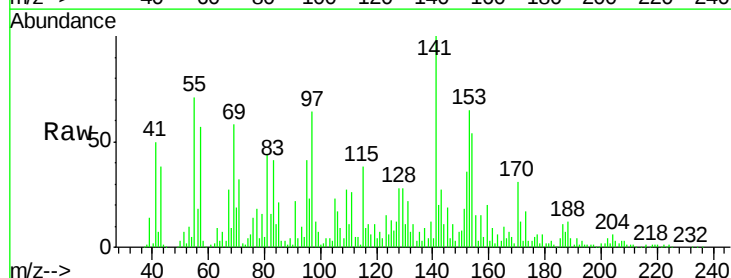
Instrument :
 BNA_F
 ClientSampleId :
 B-929NCOMP

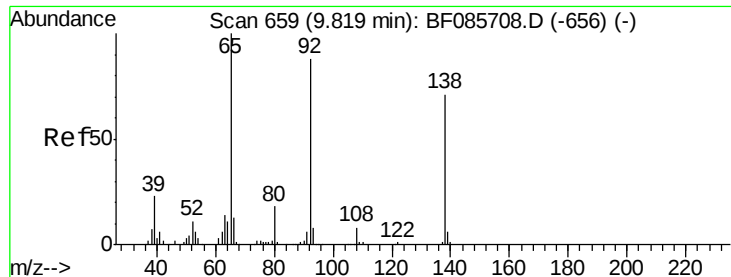
Tgt Ion:165 Resp: 13586
 Ion Ratio Lower Upper
 165 100
 63 82.6 51.8 77.8#
 89 46.8 53.7 80.5#



#51
 Acenaphthene
 Concen: 14.16 ng
 RT: 9.90 min Scan# 666
 Delta R.T. 0.00 min
 Lab File: BF085818.D
 Acq: 28 Mar 2016 23:07

Tgt Ion:154 Resp: 117208
 Ion Ratio Lower Upper
 154 100
 153 120.2 90.1 135.1
 152 66.7 44.2 66.2#





#52

3-Nitroaniline

Concen: 5.26 ng

RT: 9.82 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF085818.D

Acq: 28 Mar 2016 23:07

Instrument :

BNA_F

ClientSampleId :

B-929NCOMP

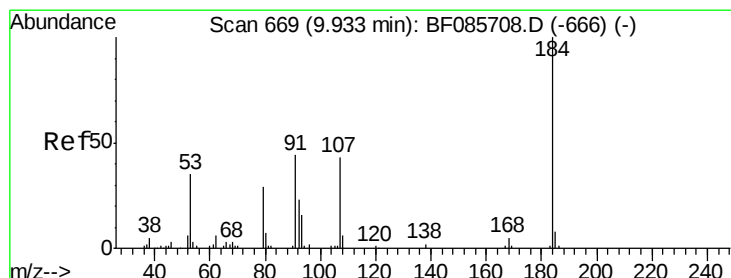
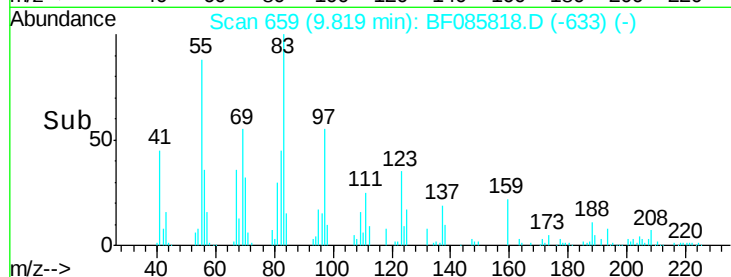
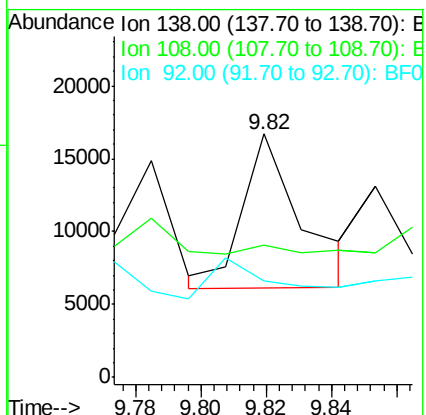
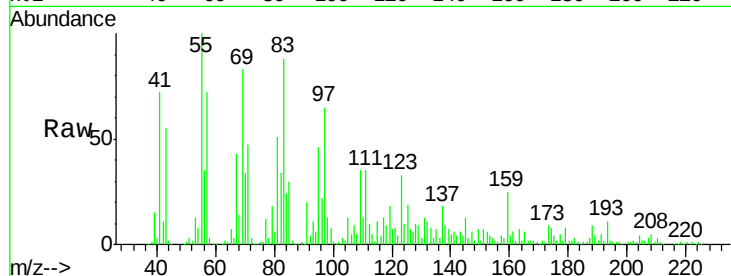
Tgt Ion:138 Resp: 13178

Ion Ratio Lower Upper

138 100

108 54.2 8.7 13.1#

92 39.6 93.3 139.9#



#53

2,4-Dinitrophenol

Concen: 6.66 ng

RT: 9.92 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF085818.D

Acq: 28 Mar 2016 23:07

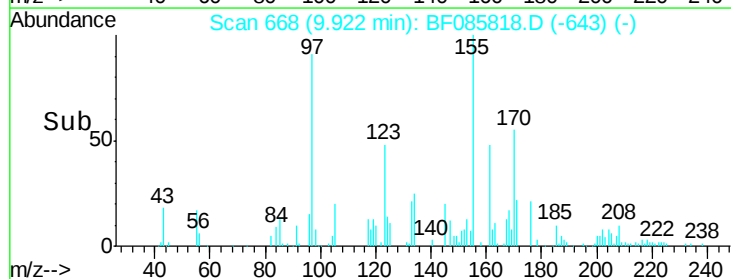
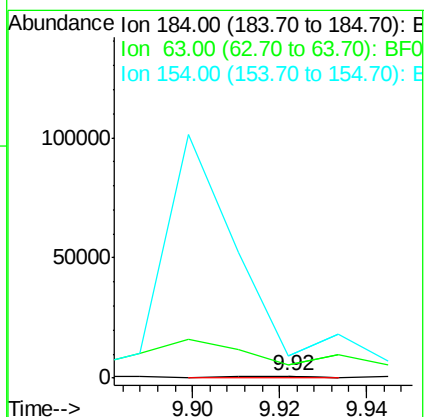
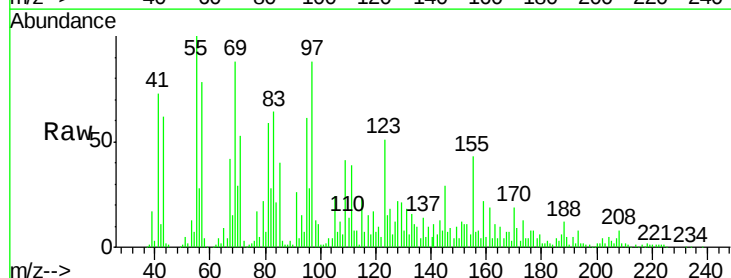
Tgt Ion:184 Resp: 740

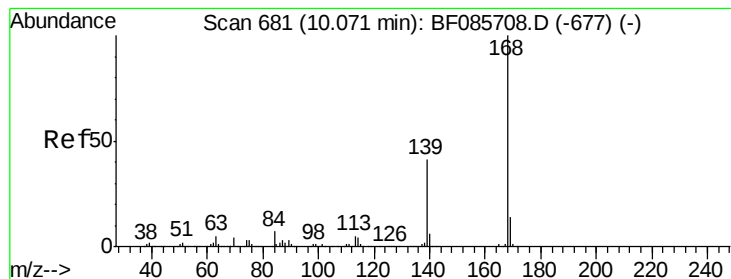
Ion Ratio Lower Upper

184 100

63 573.7 69.5 104.3#

154 973.8 58.3 87.5#





#54

Dibenzofuran

Concen: 8.52 ng

RT: 10.08 min Scan# 682

Delta R.T. 0.01 min

Lab File: BF085818.D

Acq: 28 Mar 2016 23:07

Instrument :

BNA_F

ClientSampleId :

B-929NCOMP

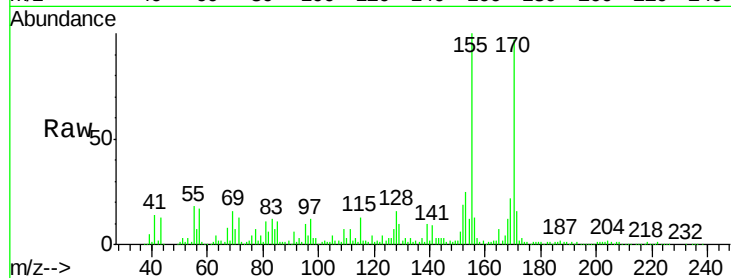
Tgt Ion:168 Resp: 91238

Ion Ratio Lower Upper

168 100

139 84.8 31.9 47.9#

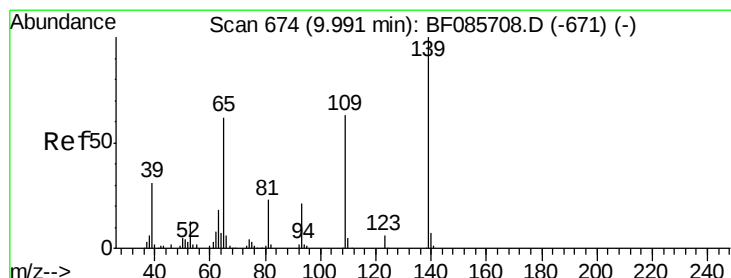
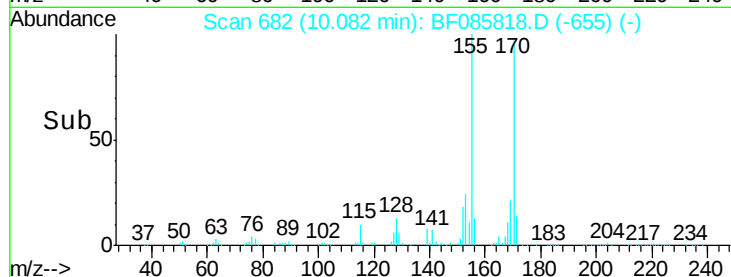
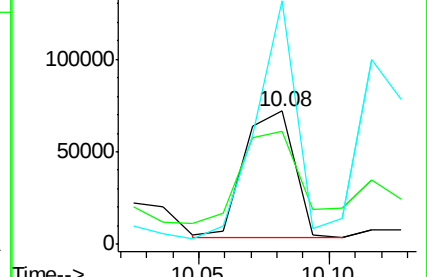
169 183.1 11.0 16.6#



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: 46.44 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF085818.D

Acq: 28 Mar 2016 23:07

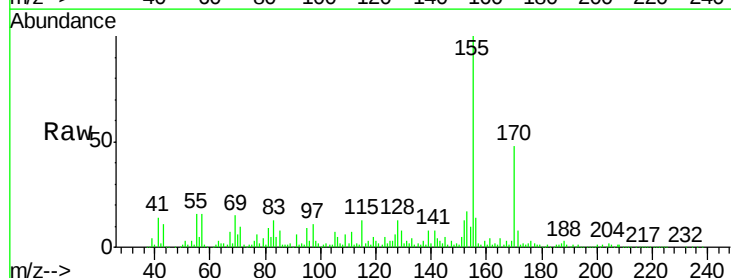
Tgt Ion:139 Resp: 75802

Ion Ratio Lower Upper

139 100

109 82.5 49.2 89.2

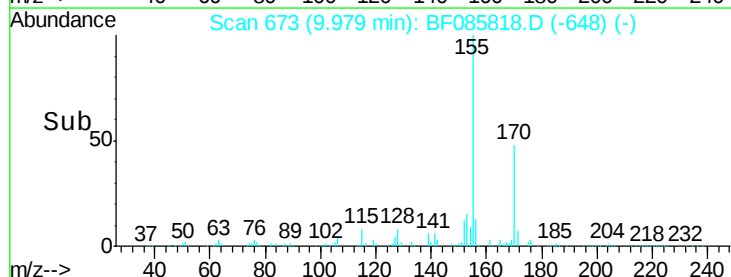
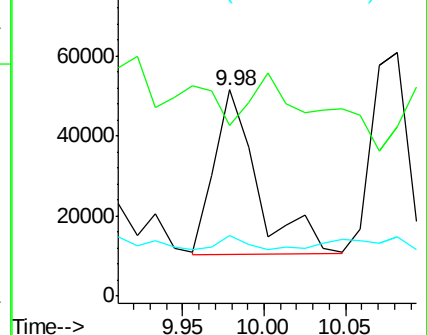
65 29.2 66.9 106.9#

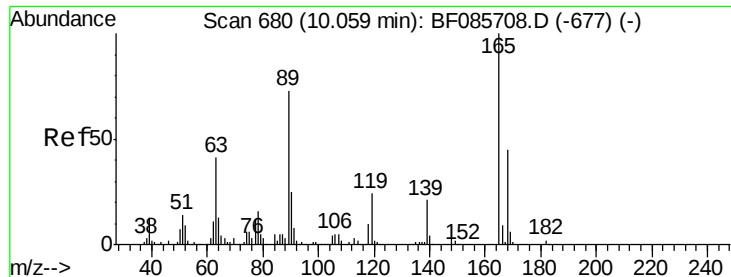


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

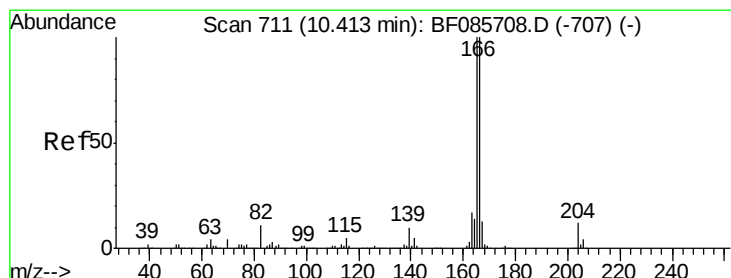
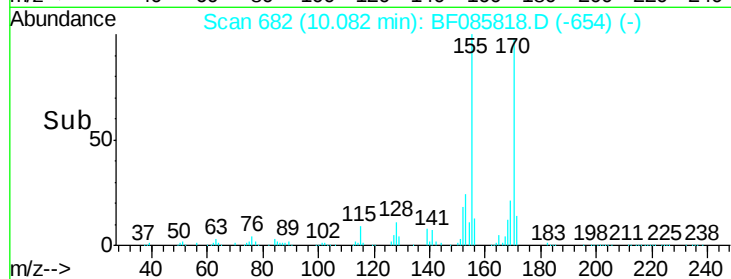
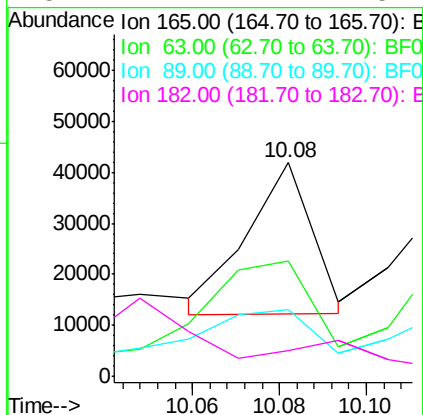
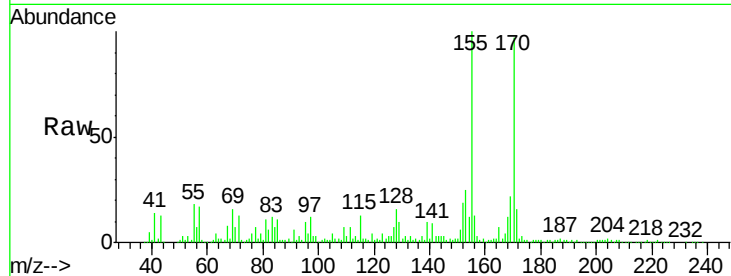




#56
2,4-Dinitrotoluene
Concen: 11.02 ng
RT: 10.08 min Scan# 682
Delta R.T. 0.02 min
Lab File: BF085818.D
Acq: 28 Mar 2016 23:07

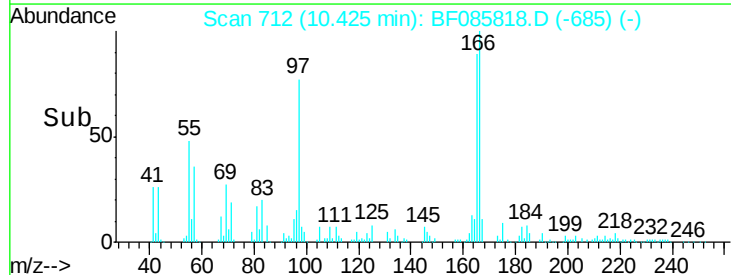
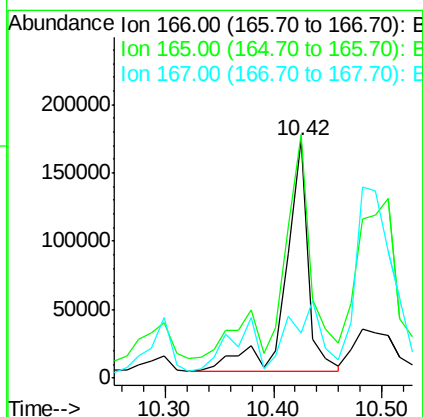
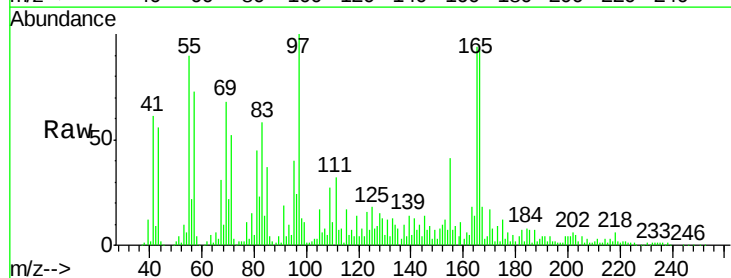
Instrument :
BNA_F
ClientSampleId :
B-929NCOMP

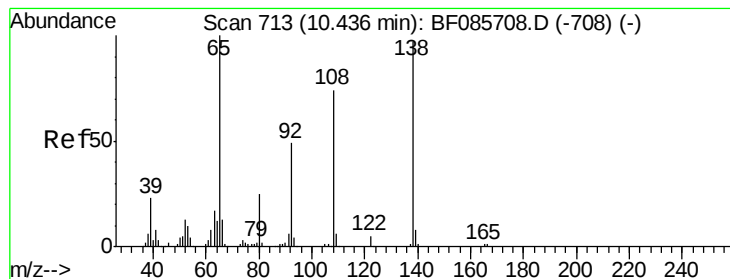
Tgt Ion:165 Resp: 30653
Ion Ratio Lower Upper
165 100
63 53.9 24.9 37.3#
89 31.0 41.0 61.6#
182 12.2 2.1 3.1#



#57
Fluorene
Concen: 27.28 ng
RT: 10.42 min Scan# 712
Delta R.T. 0.01 min
Lab File: BF085818.D
Acq: 28 Mar 2016 23:07

Tgt Ion:166 Resp: 242954
Ion Ratio Lower Upper
166 100
165 102.2 79.4 119.0
167 19.1 11.0 16.4#





#61

4-Nitroaniline

Concen: 5.21 ng

RT: 10.33 min Scan# 704

Delta R.T. -0.10 min

Lab File: BF085818.D

Acq: 28 Mar 2016 23:07

Instrument :

BNA_F

ClientSampleId :

B-929NCOMP

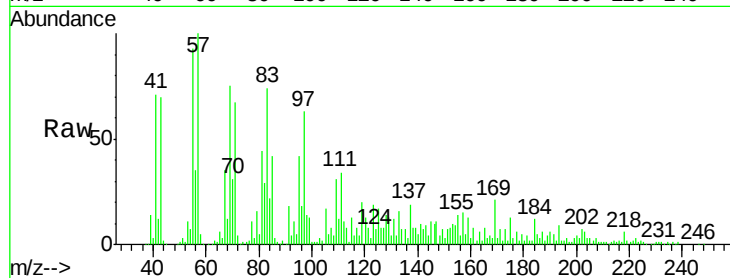
Tgt Ion:138 Resp: 12493

Ion Ratio Lower Upper

138 100

92 43.1 26.4 66.4

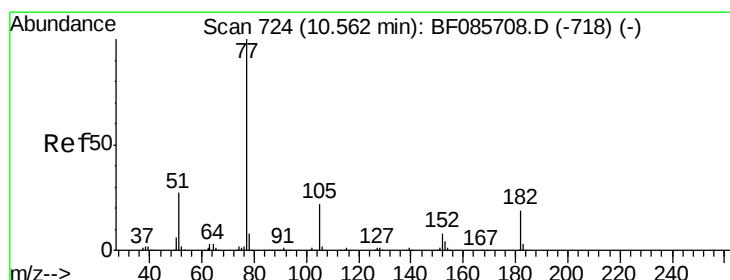
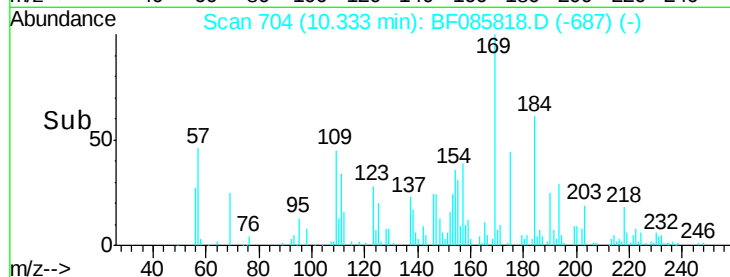
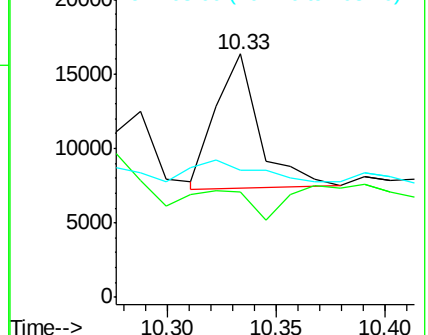
108 52.2 49.0 89.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 3.74 ng

RT: 10.57 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF085818.D

Acq: 28 Mar 2016 23:07

Tgt Ion: 77 Resp: 36136

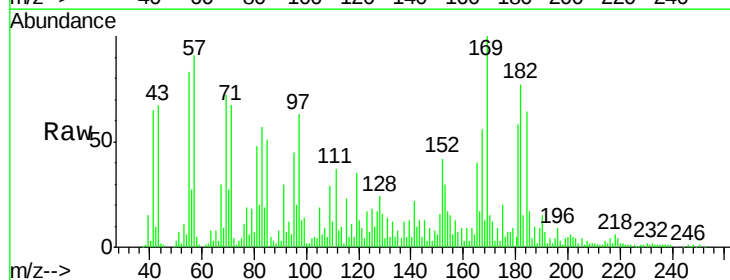
Ion Ratio Lower Upper

77 100

182 408.3 1.9 41.9#

105 99.6 3.5 43.5#

51 35.6 6.3 46.3

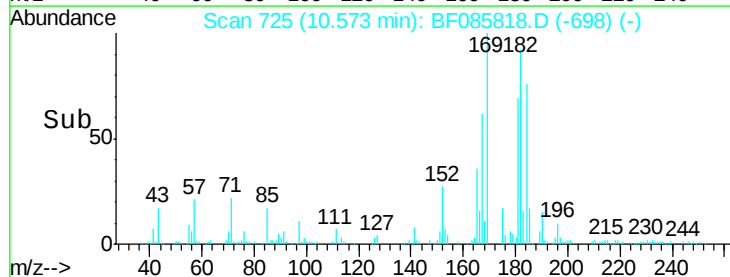
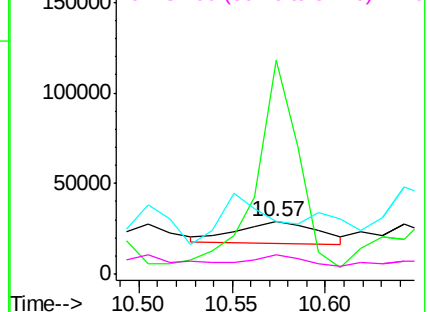


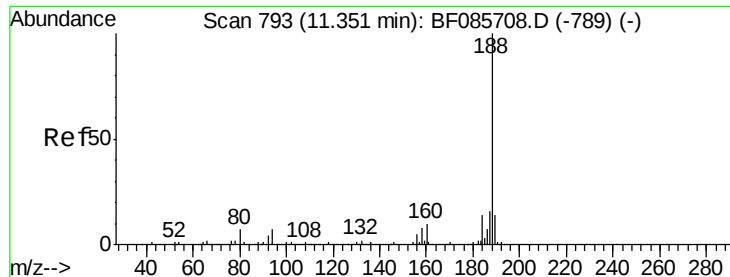
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

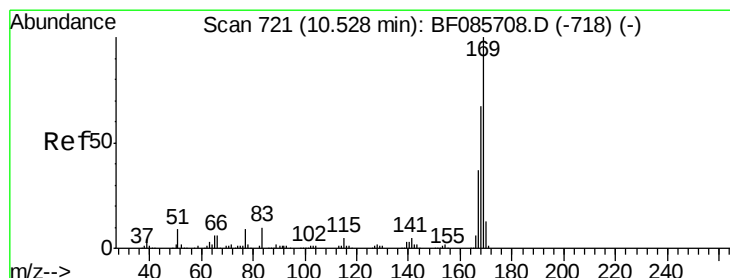
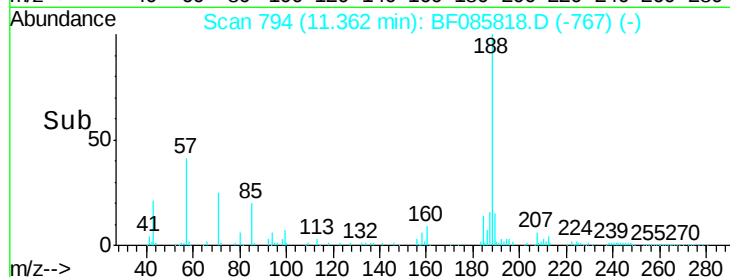
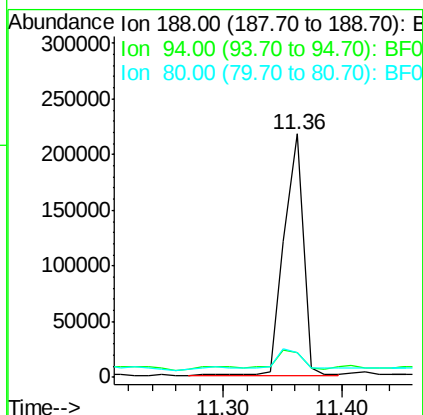
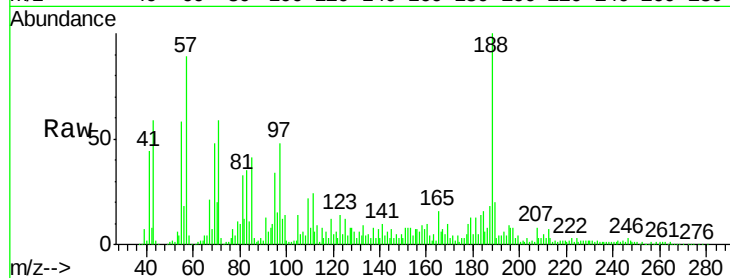




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. 0.01 min
Lab File: BF085818.D
Acq: 28 Mar 2016 23:07

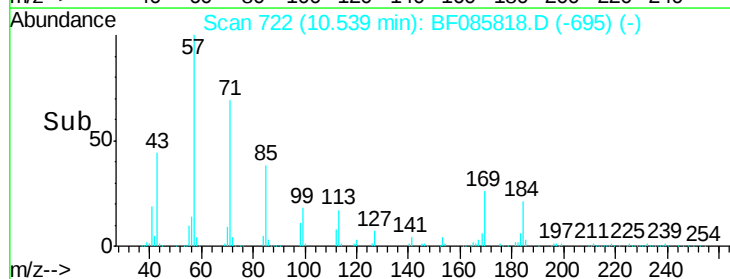
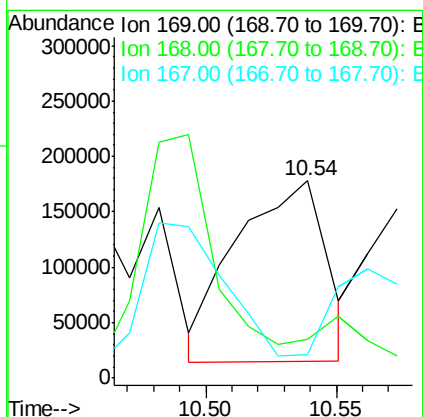
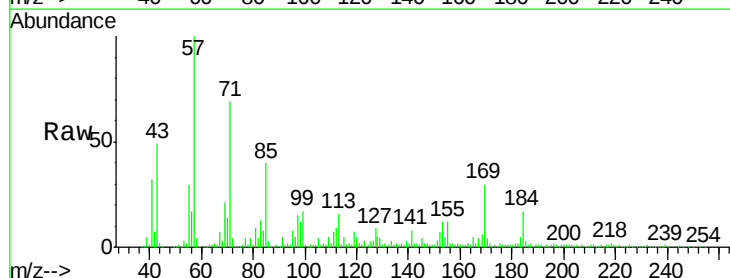
Instrument :
BNA_F
ClientSampleId :
B-929NCOMP

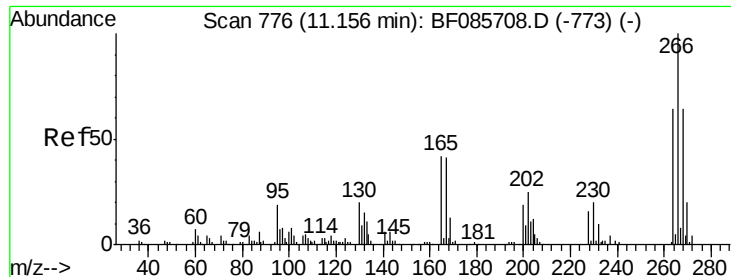
Tgt Ion:188 Resp: 240187
Ion Ratio Lower Upper
188 100
94 10.0 5.4 8.0#
80 10.0 5.5 8.3#



#65
n-Nitrosodiphenylamine
Concen: 51.54 ng
RT: 10.54 min Scan# 722
Delta R.T. 0.01 min
Lab File: BF085818.D
Acq: 28 Mar 2016 23:07

Tgt Ion:169 Resp: 392088
Ion Ratio Lower Upper
169 100
168 19.7 54.4 81.6#
167 12.1 29.4 44.0#

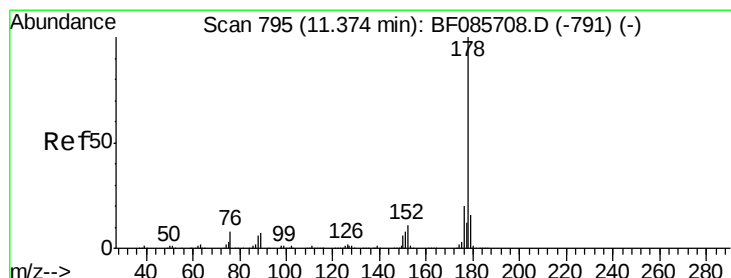
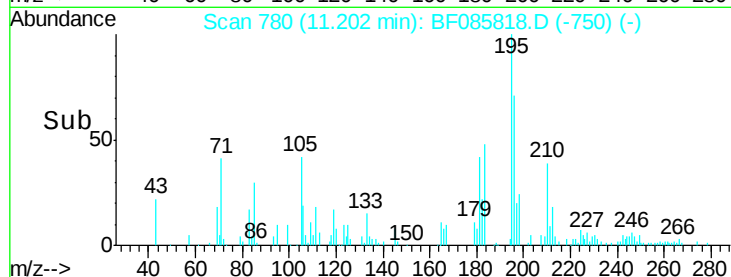
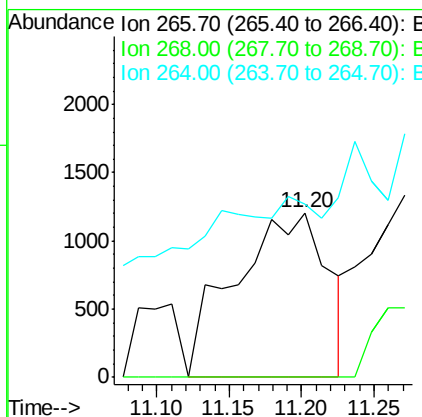
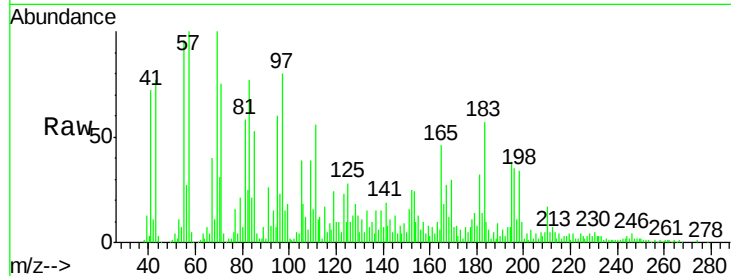




#69
 Pentachlorophenol
 Concen: 4.25 ng
 RT: 11.20 min Scan# 780
 Delta R.T. 0.05 min
 Lab File: BF085818.D
 Acq: 28 Mar 2016 23:07

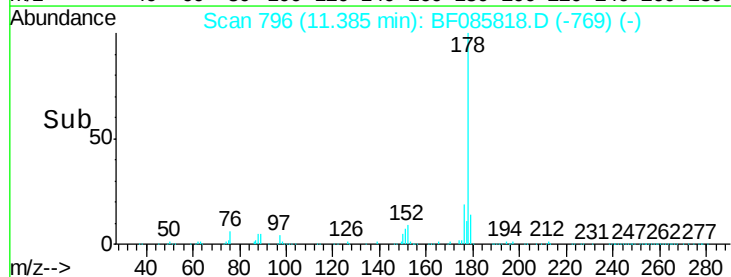
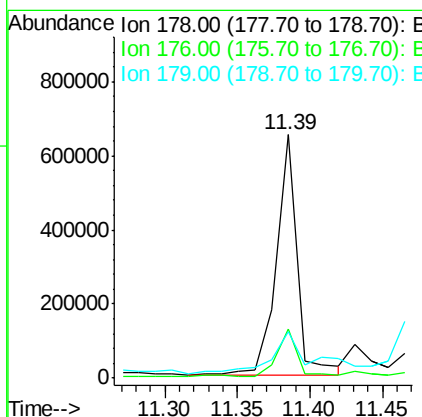
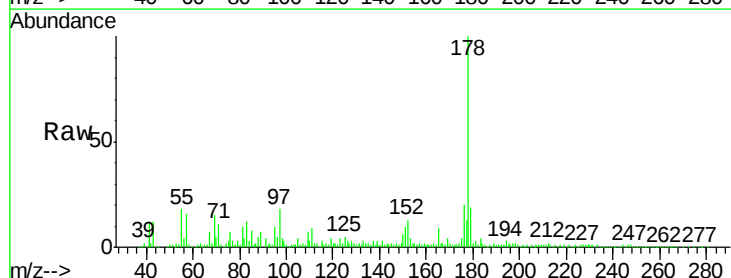
Instrument :
 BNA_F
 ClientSampleId :
 B-929NCOMP

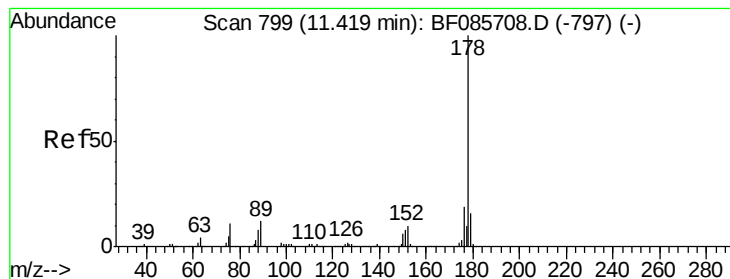
Tgt Ion:266 Resp: 5358
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.5 77.3#
 264 105.2 50.6 76.0#



#70
 Phenanthrene
 Concen: 52.68 ng
 RT: 11.39 min Scan# 796
 Delta R.T. 0.01 min
 Lab File: BF085818.D
 Acq: 28 Mar 2016 23:07

Tgt Ion:178 Resp: 649705
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.3 24.5
 179 18.8 12.6 18.8#





#71

Anthracene

Concen: 50.18 ng

RT: 11.39 min Scan# 796

Delta R.T. -0.03 min

Lab File: BF085818.D

Acq: 28 Mar 2016 23:07

Instrument :

BNA_F

ClientSampleId :

B-929NCOMP

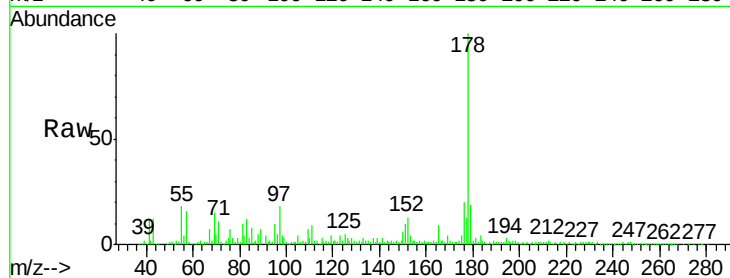
Tgt Ion:178 Resp: 649705

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

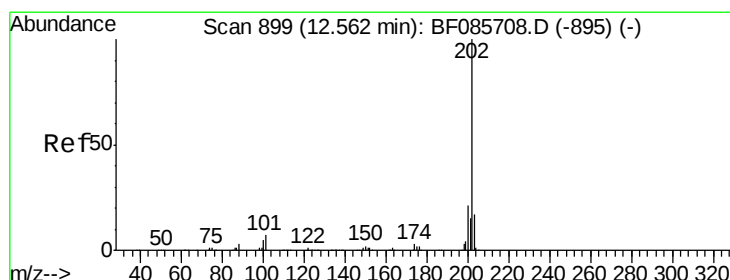
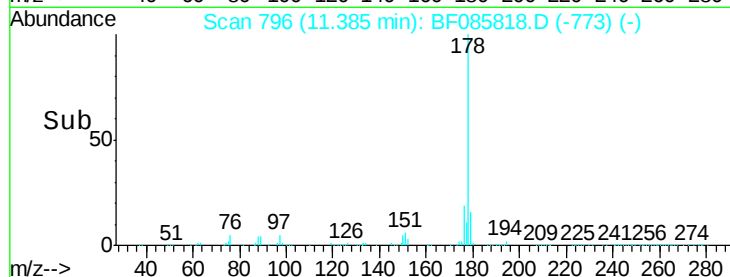
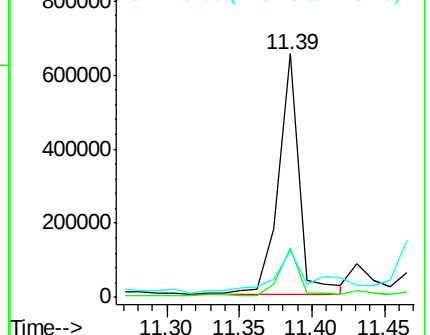
179 18.8 13.0 19.4



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



#74

Fluoranthene

Concen: 10.19 ng

RT: 12.56 min Scan# 899

Delta R.T. 0.00 min

Lab File: BF085818.D

Acq: 28 Mar 2016 23:07

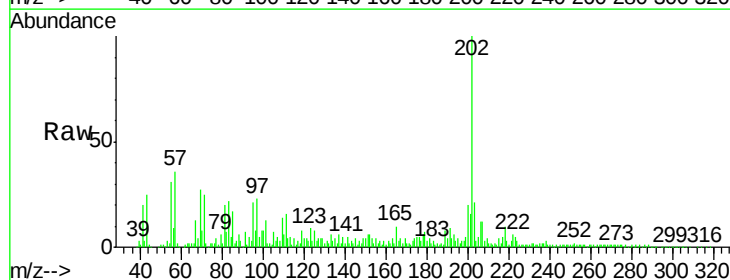
Tgt Ion:202 Resp: 133539

Ion Ratio Lower Upper

202 100

101 12.9 0.0 36.6

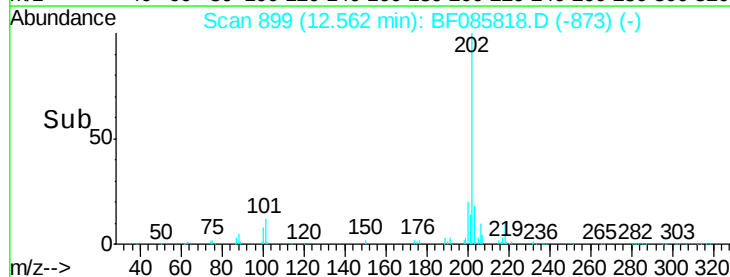
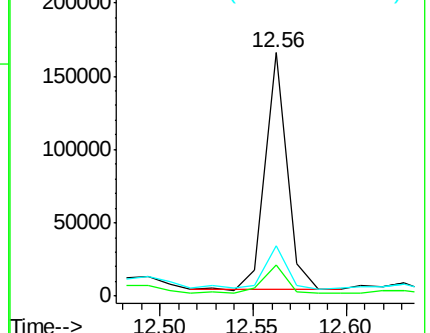
203 20.6 0.0 38.1

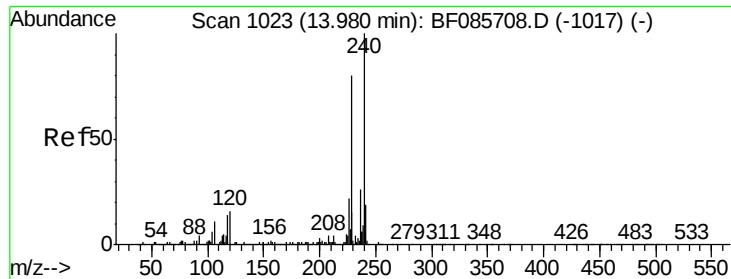


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

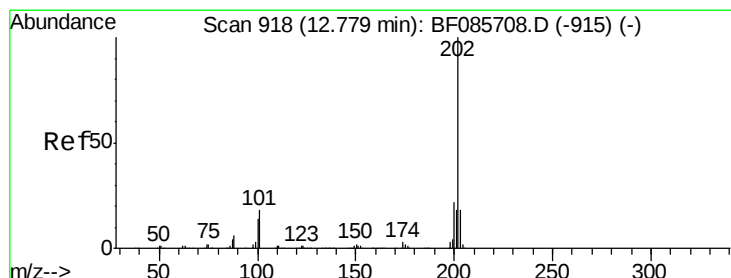
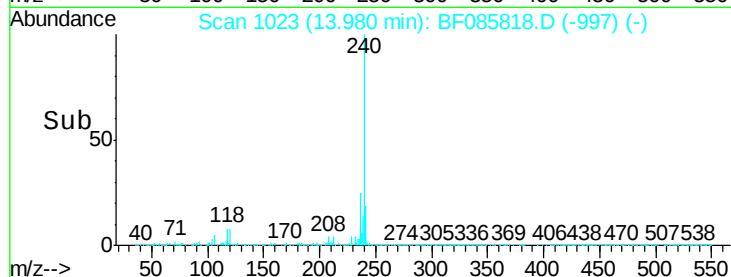
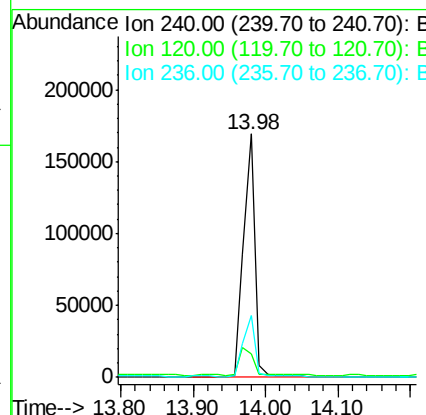
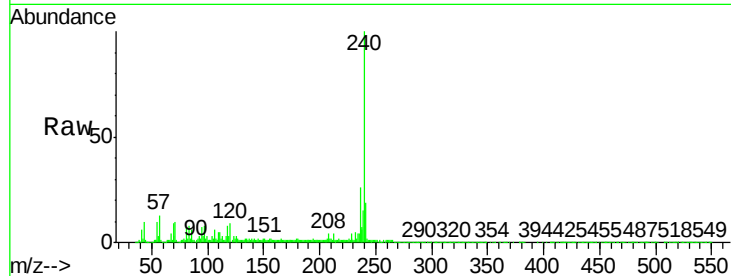




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF085818.D
Acq: 28 Mar 2016 23:07

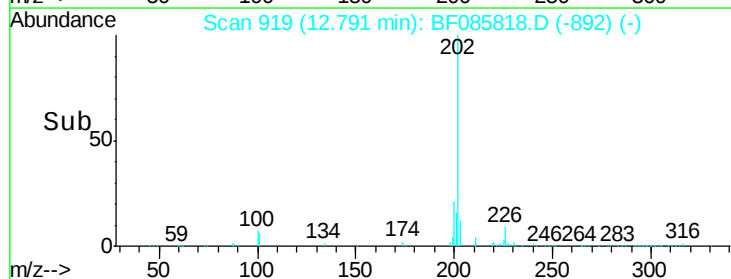
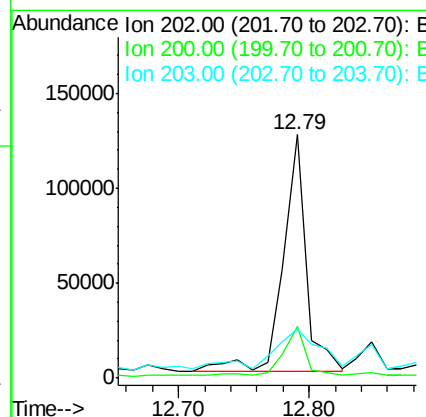
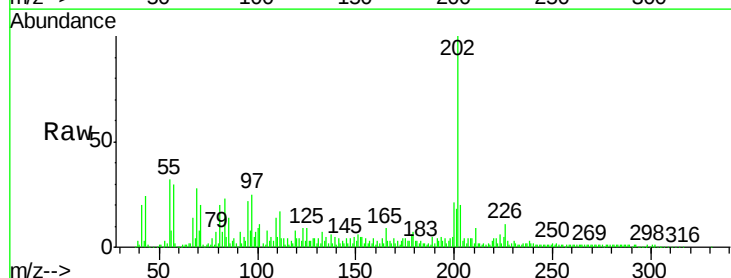
Instrument :
BNA_F
ClientSampleId :
B-929NCOMP

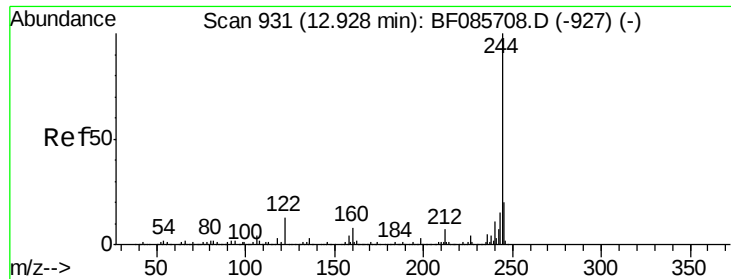
Tgt Ion:240 Resp: 184432
Ion Ratio Lower Upper
240 100
120 9.5 13.8 20.8#
236 25.5 20.6 30.8



#77
Pyrene
Concen: 10.14 ng
RT: 12.79 min Scan# 919
Delta R.T. 0.01 min
Lab File: BF085818.D
Acq: 28 Mar 2016 23:07

Tgt Ion:202 Resp: 153702
Ion Ratio Lower Upper
202 100
200 21.2 17.6 26.4
203 19.9 14.0 21.0

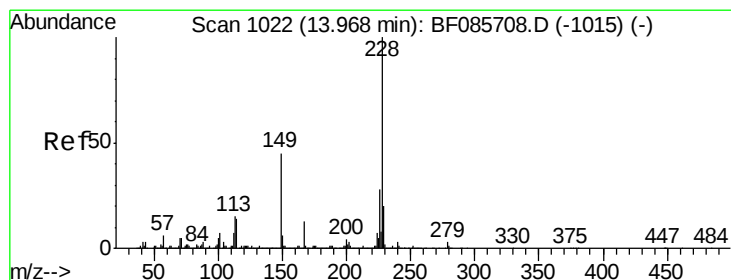
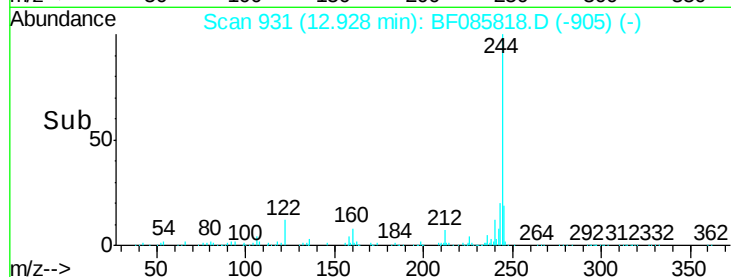
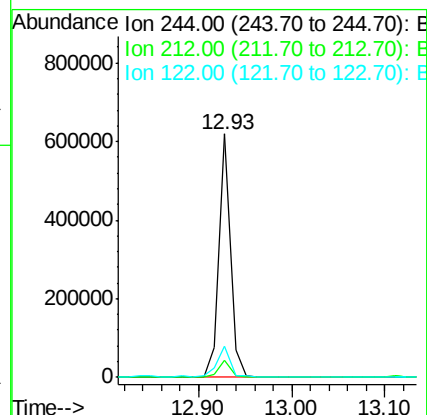
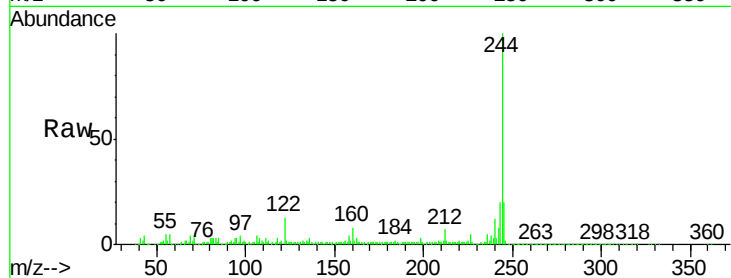




#78
 Terphenyl-d14
 Concen: 58.97 ng
 RT: 12.93 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: BF085818.D
 Acq: 28 Mar 2016 23:07

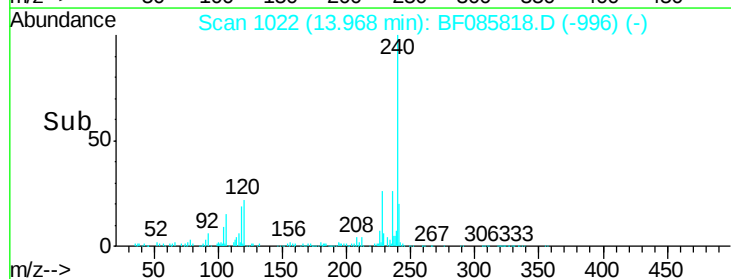
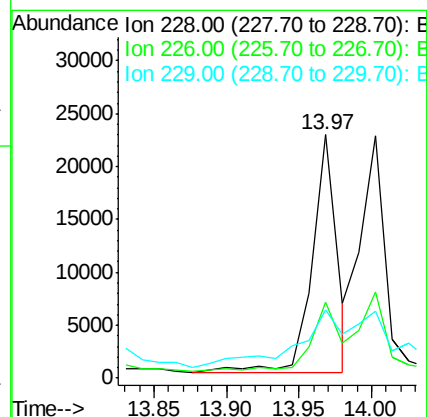
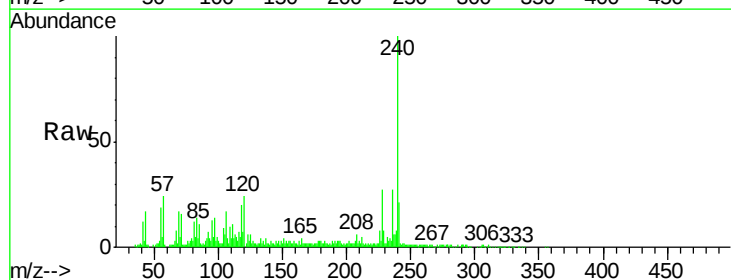
Instrument :
 BNA_F
 ClientSampleId :
 B-929NCOMP

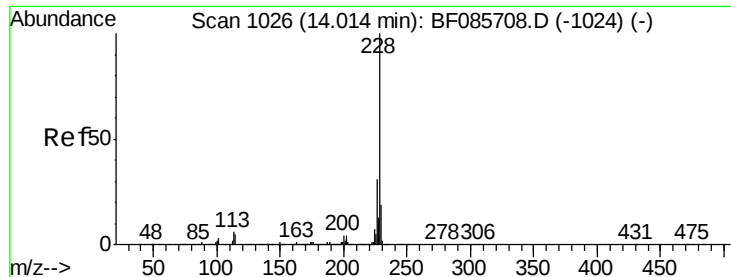
Tgt Ion:244 Resp: 528864
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 12.7 10.2 15.4



#80
 Benzo(a)anthracene
 Concen: 2.55 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF085818.D
 Acq: 28 Mar 2016 23:07

Tgt Ion:228 Resp: 26799
 Ion Ratio Lower Upper
 228 100
 226 31.2 22.1 33.1
 229 28.3 16.2 24.4#





#82

Chrysene

Concen: 2.53 ng

RT: 13.97 min Scan# 1022

Delta R.T. -0.05 min

Lab File: BF085818.D

Acq: 28 Mar 2016 23:07

Instrument :

BNA_F

ClientSampleId :

B-929NCOMP

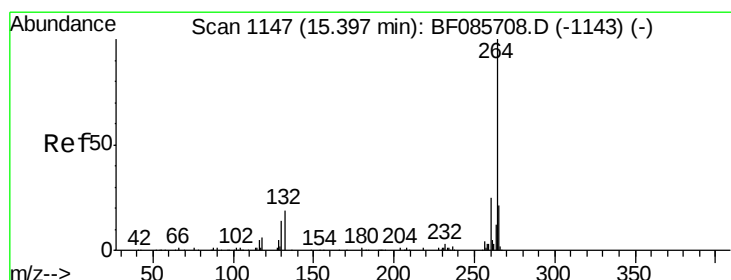
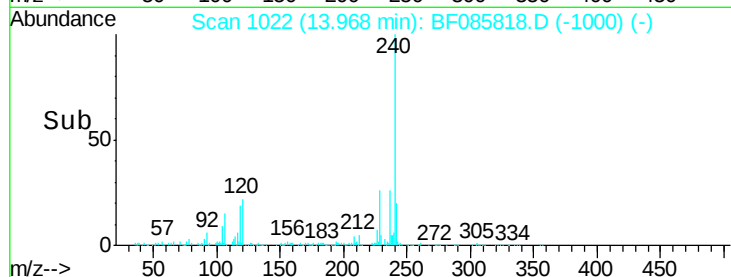
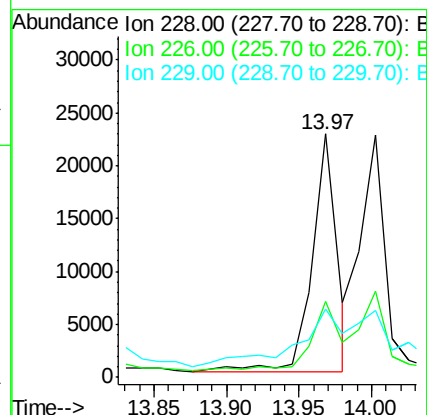
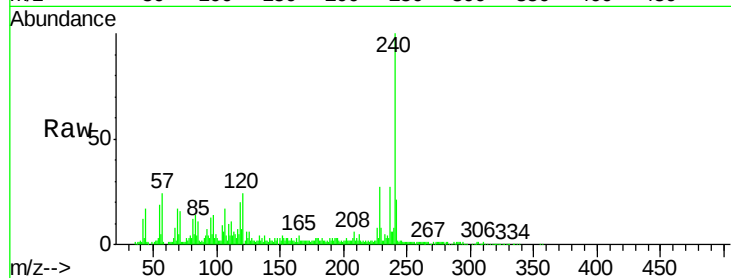
Tgt Ion:228 Resp: 26799

Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.6

229 28.3 15.7 23.5#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.40 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BF085818.D

Acq: 28 Mar 2016 23:07

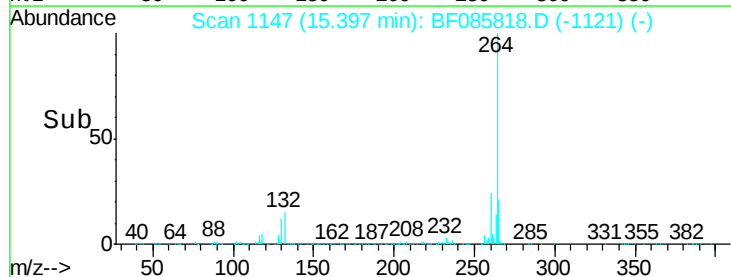
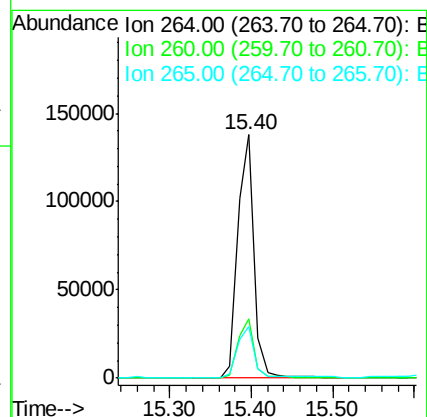
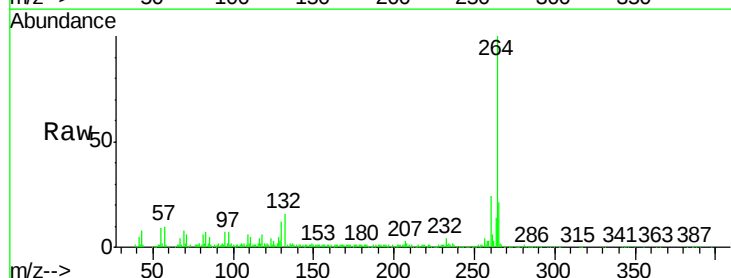
Tgt Ion:264 Resp: 192779

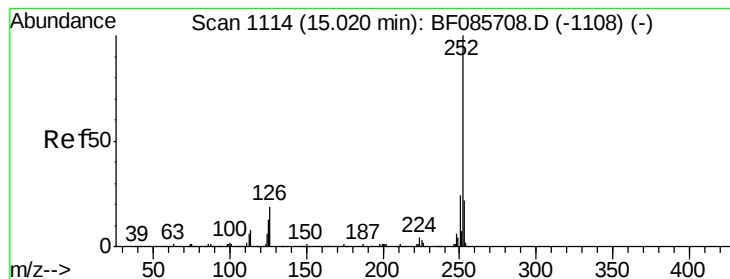
Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 21.4 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 3.13 ng

RT: 14.99 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BF085818.D

Acq: 28 Mar 2016 23:07

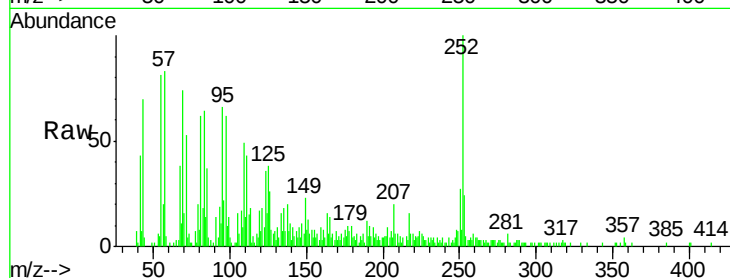
Instrument :

BNA_F

ClientSampleId :

B-929NCOMP

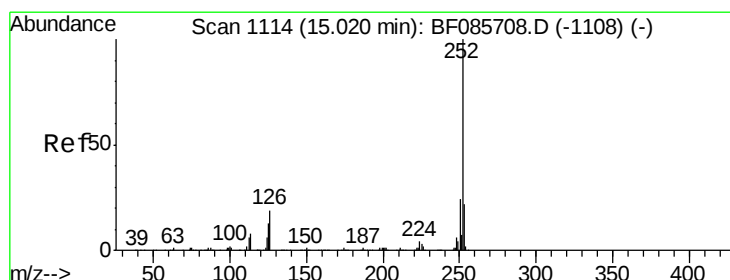
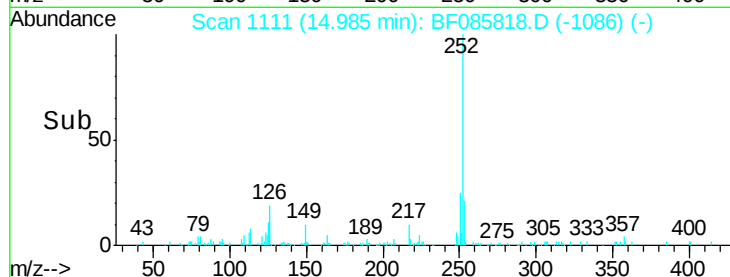
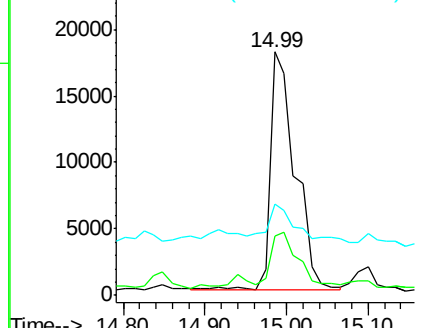
Tgt Ion:	252	Resp:	38020
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.6	26.4
125	37.7	10.3	15.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 3.47 ng

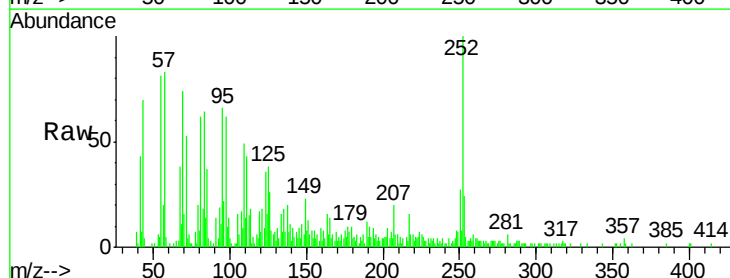
RT: 14.99 min Scan# 1111

Delta R.T. -0.03 min

Lab File: BF085818.D

Acq: 28 Mar 2016 23:07

Tgt Ion:	252	Resp:	38020
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.8	26.6
125	37.7	7.7	11.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

