

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085819.D
 Acq On : 28 Mar 2016 23:36
 Operator : UM/SJ
 Sample : H1942-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-929(0.3N)COMP

Quant Time: Mar 29 03:40:26 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	104106	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	272862	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	119081	20.00	ng	0.02
63) Phenanthrene-d10	11.37	188	221161	20.00	ng	0.02
75) Chrysene-d12	13.98	240	197507	20.00	ng	0.00
86) Perylene-d12	15.40	264	197504	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	891004	142.54	ng	0.01
7) Phenol-d6	6.46	99	1112079	139.92	ng	0.00
23) Nitrobenzene-d5	7.38	82	643310	132.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	200434	177.16	ng	0.02
44) 2-Fluorobiphenyl	9.20	172	889629	124.82	ng	0.01
78) Terphenyl-d14	12.94	244	859315	89.48	ng	0.01

Target Compounds

						Qvalue
15) Benzyl Alcohol	6.97	79	22497	4.24	ng	# 50
18) Hexachloroethane	7.40	117	430091	148.09	ng	# 8
19) n-Nitroso-di-n-propylamine	7.25	70	60381	12.69	ng	# 67
24) Nitrobenzene	7.36	77	58772	11.77	ng	# 36
25) Isophorone	7.64	82	132637	14.21	ng	# 1
26) 2-Nitrophenol	7.78	139	41520	16.62	ng	# 1
27) 2,4-Dimethylphenol	7.76	122	21906	5.02	ng	# 1
28) bis(2-Chloroethoxy)methane	7.88	93	20718	3.90	ng	# 1
29) 2,4-Dichlorophenol	7.96	162	16031	4.37	ng	# 1
30) 1,2,4-Trichlorobenzene	8.00	180	8819	2.16	ng	# 72
31) Naphthalene	8.16	128	114975	8.36	ng	# 1
32) Benzoic acid	7.90	122	20919	7.21	ng	# 25
33) 4-Chloroaniline	8.16	127	52307	9.32	ng	# 1
35) Caprolactam	8.56	113	166935	128.35	ng	# 74
36) 4-Chloro-3-methylphenol	8.65	107	40620	9.47	ng	# 33
37) 2-Methylnaphthalene	8.84	142	836582	Below Cal		# 96
42) 2,4,6-Trichlorophenol	9.12	196	9981	4.18	ng	# 13
43) 2,4,5-Trichlorophenol	9.12	196	9981	3.99	ng	# 1
47) 2-Nitroaniline	9.43	65	31998	14.16	ng	# 1
48) Acenaphthylene	9.75	152	75352	6.26	ng	# 1
49) Dimethylphthalate	9.60	163	122658	13.58	ng	# 67
50) 2,6-Dinitrotoluene	9.66	165	32854	16.89	ng	# 80
51) Acenaphthene	9.92	154	147514	20.06	ng	# 66
52) 3-Nitroaniline	9.84	138	27530	12.37	ng	# 30
53) 2,4-Dinitrophenol	9.93	184	1648	7.59	ng	# 1
54) Dibenzofuran	10.09	168	133488	14.02	ng	# 14
55) 4-Nitrophenol	10.00	139	107911	74.41	ng	# 54
56) 2,4-Dinitrotoluene	10.10	165	67494	27.31	ng	# 69
57) Fluorene	10.44	166	229671	29.03	ng	# 85
61) 4-Nitroaniline	10.34	138	18641	8.76	ng	# 89
62) Azobenzene	10.58	77	53691	6.26	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.50	198	4753	3.67	ng	# 1
65) n-Nitrosodiphenylamine	10.55	169	520483	74.30	ng	# 48
68) Atrazine	11.04	200	9305	3.93	ng	# 1

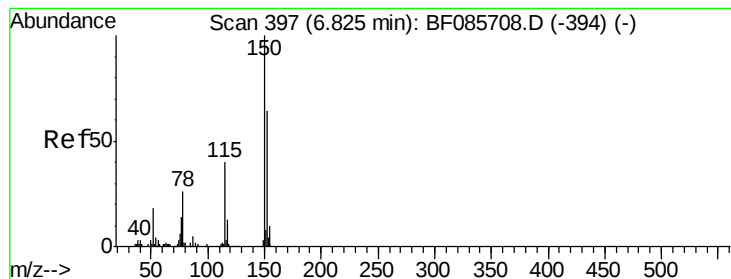
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
Data File : BF085819.D
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QLast Update : Mon Mar 28 15:27:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) Pentachlorophenol	11.21	266	9164	7.89	ng	# 36
70) Phenanthrene	11.40	178	720755	63.47	ng	# 96
71) Anthracene	11.44	178	62563	5.25	ng	# 75
74) Fluoranthene	12.56	202	88417	7.33	ng	# 87
77) Pyrene	12.79	202	115776	7.13	ng	# 94
80) Benzo(a)anthracene	13.97	228	25907	2.30	ng	# 82
82) Chrysene	14.00	228	31755	2.80	ng	# 90
85) Indeno(1,2,3-cd)pyrene	16.78	276	20407	2.33	ng	# 98
87) Benzo(b)fluoranthene	15.00	252	49740	4.00	ng	# 79
88) Benzo(k)fluoranthene	15.00	252	49740	4.43	ng	# 78
91) Benzo(g,h,i)perylene	17.19	276	20787	2.00	ng	# 95

(#) = 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: BF085819.D

Acq: 28 Mar 2016 23:36

Instrument :

BNA_F

ClientSampleId :

B-929(0.3N)COMP

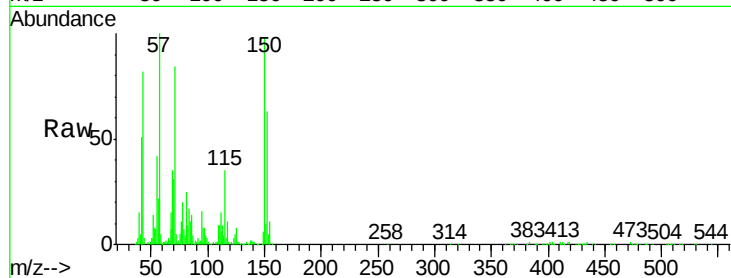
Tgt Ion:152 Resp: 104106

Ion Ratio Lower Upper

152 100

150 155.2 124.2 186.2

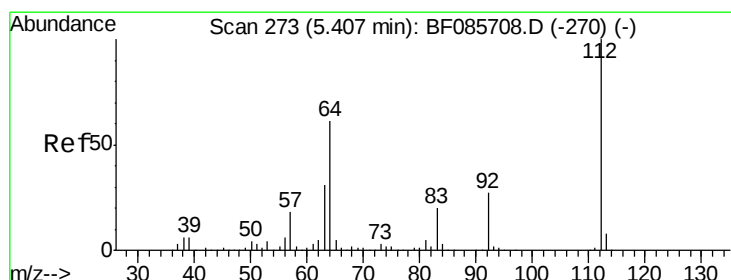
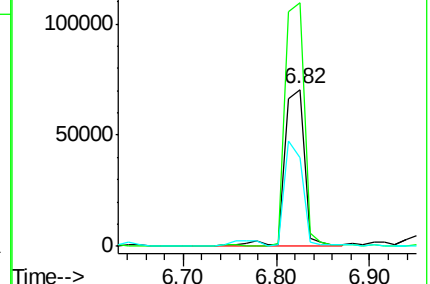
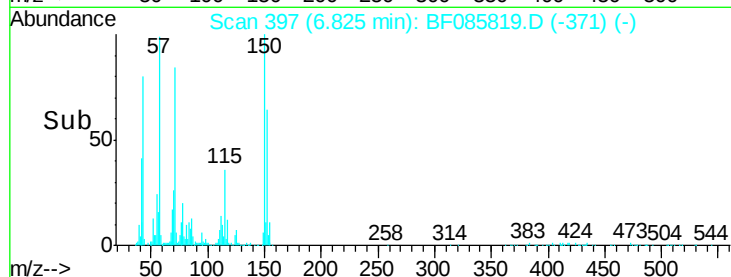
115 56.4 47.0 70.6



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: 142.54 ng

RT: 5.42 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF085819.D

Acq: 28 Mar 2016 23:36

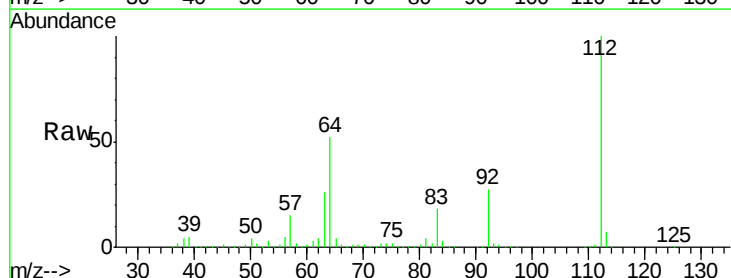
Tgt Ion:112 Resp: 891004

Ion Ratio Lower Upper

112 100

64 51.9 39.9 59.9

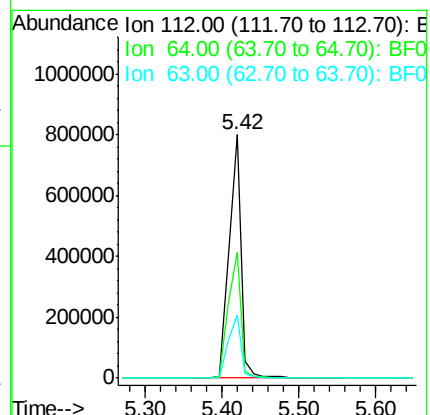
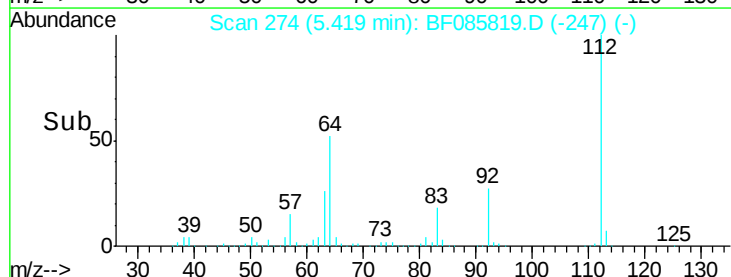
63 26.1 20.2 30.2

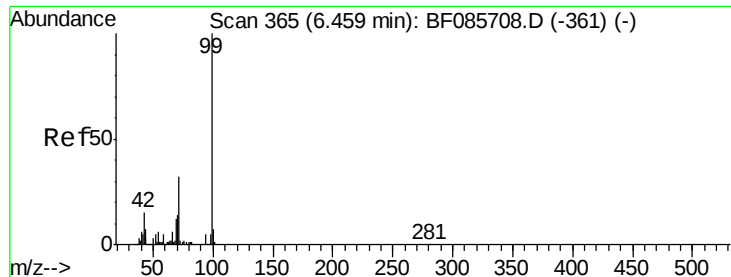


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 139.92 ng

RT: 6.46 min Scan# 365

Delta R.T. 0.00 min

Lab File: BF085819.D

Acq: 28 Mar 2016 23:36

Instrument :

BNA_F

ClientSampleId :

B-929(0.3N)COMP

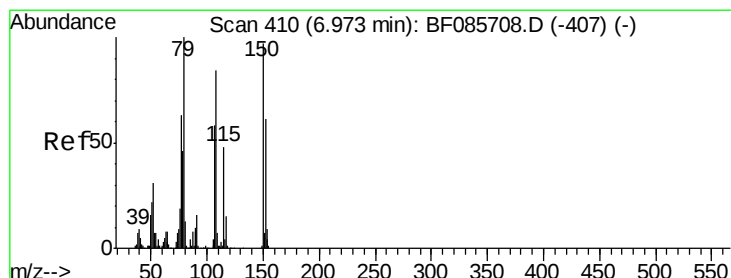
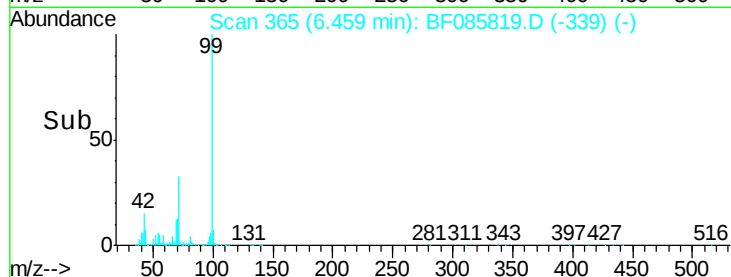
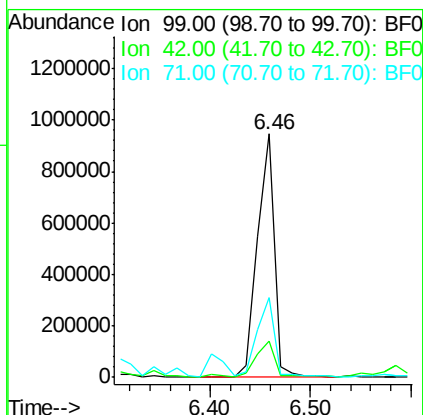
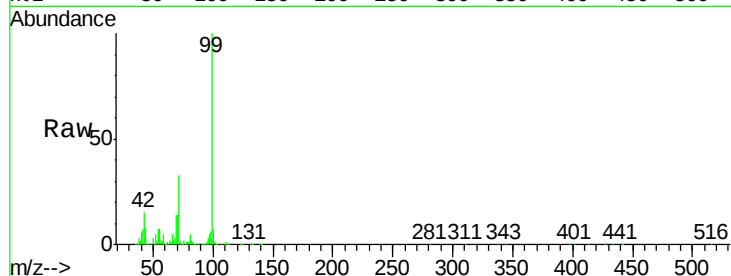
Tgt Ion: 99 Resp: 1112079

Ion Ratio Lower Upper

99 100

42 14.9 11.1 16.7

71 33.0 24.9 37.3



#15

Benzyl Alcohol

Concen: 4.24 ng

RT: 6.97 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF085819.D

Acq: 28 Mar 2016 23:36

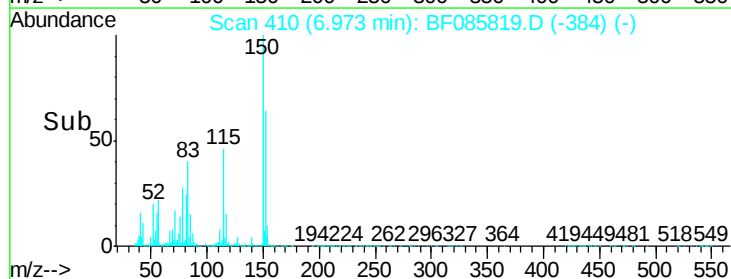
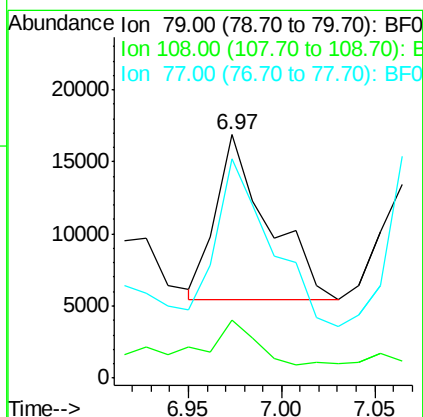
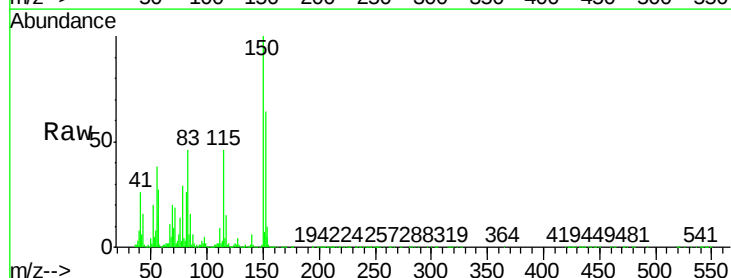
Tgt Ion: 79 Resp: 22497

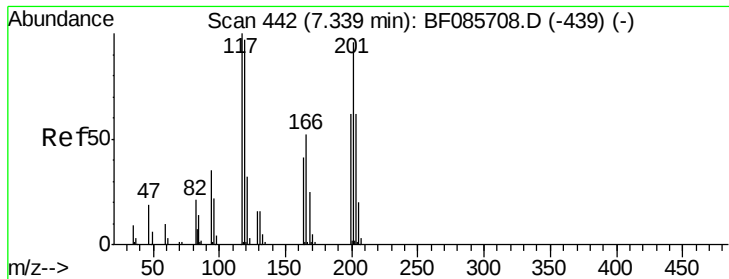
Ion Ratio Lower Upper

79 100

108 23.9 61.8 92.6#

77 90.0 49.6 74.4#

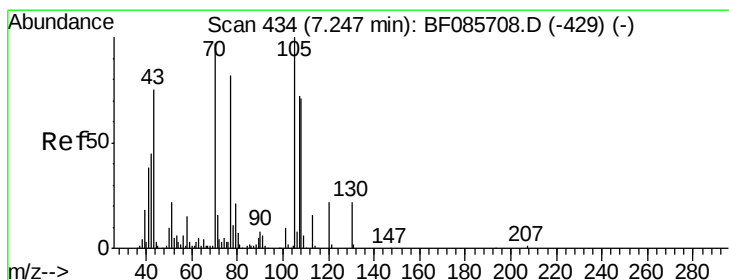
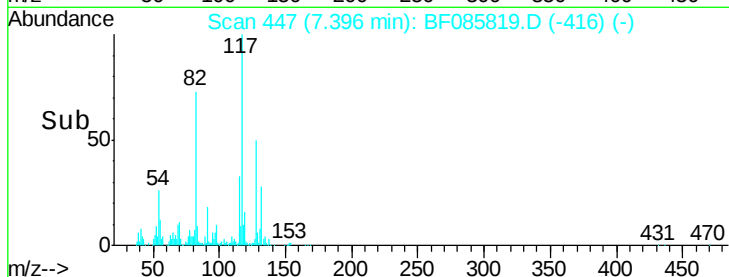
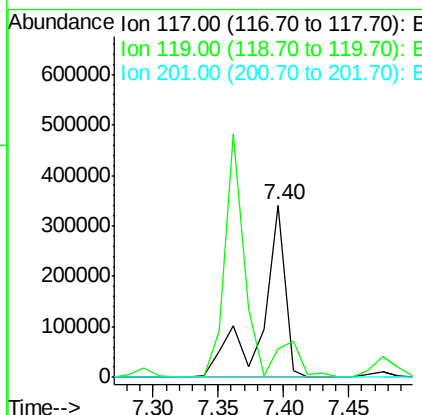
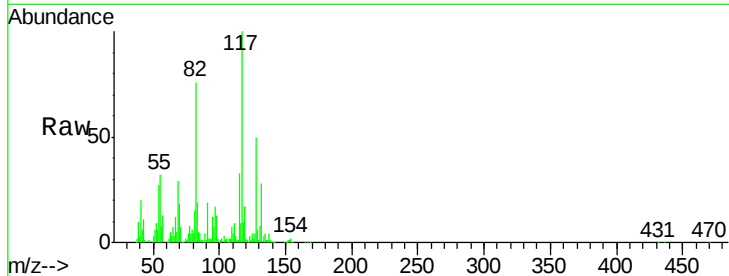




#18
Hexachloroethane
Concen: 148.09 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.06 min
Lab File: BF085819.D
Acq: 28 Mar 2016 23:36

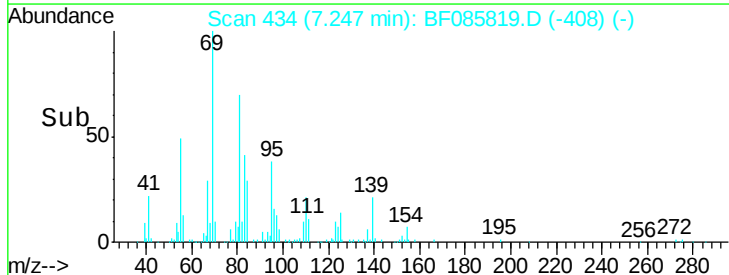
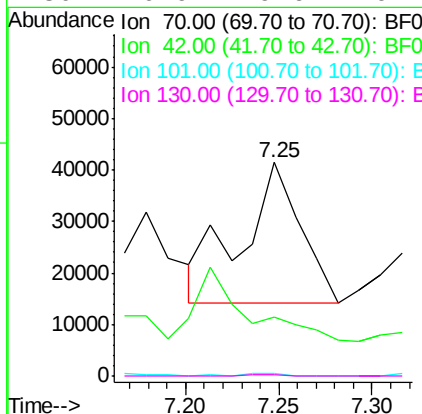
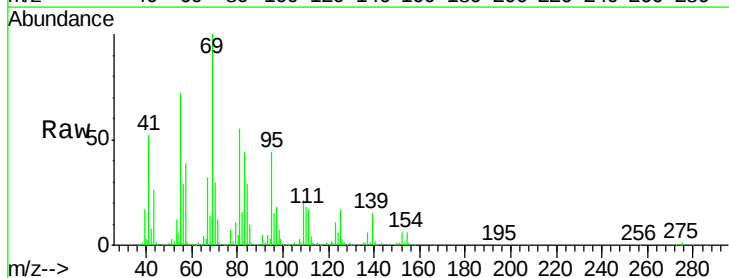
Instrument :
BNA_F
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B-929(0.3N)COMP

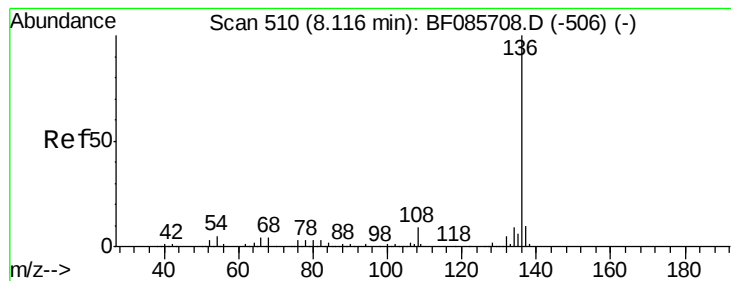
Tgt Ion:117 Resp: 430091
Ion Ratio Lower Upper
117 100
119 16.5 76.7 115.1#
201 0.0 83.3 124.9#



#19
n-Nitroso-di-n-propylamine
Concen: 12.69 ng
RT: 7.25 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF085819.D
Acq: 28 Mar 2016 23:36

Tgt Ion: 70 Resp: 60381
Ion Ratio Lower Upper
70 100
42 27.8 37.1 55.7#
101 1.1 8.6 12.8#
130 0.9 19.6 29.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF085819.D

Acq: 28 Mar 2016 23:36

Instrument :

BNA_F

ClientSampleId :

B-929(0.3N)COMP

Tgt Ion:136 Resp: 272862

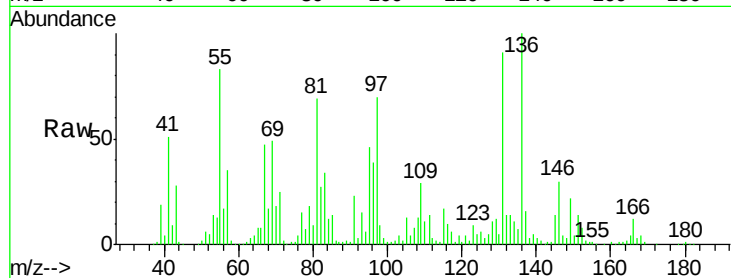
Ion Ratio Lower Upper

136 100

137 16.1 9.1 13.7#

54 13.3 7.4 11.0#

68 17.2 5.8 8.8#

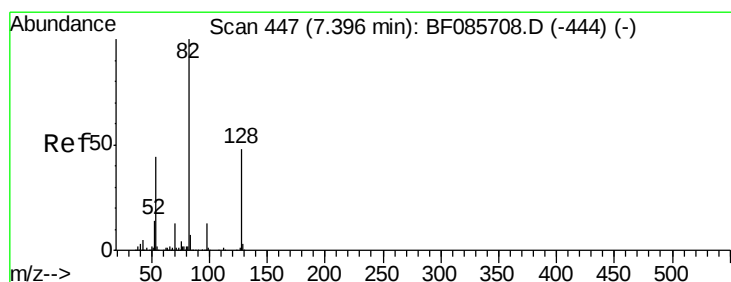
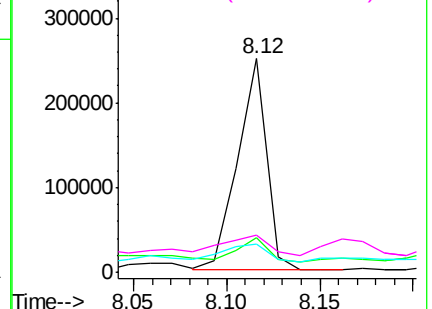
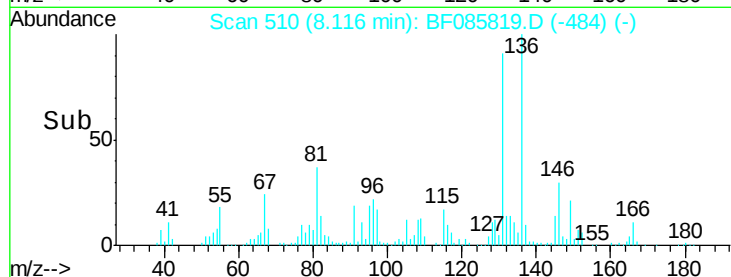


Abundance Ion 136.00 (135.70 to 136.70): E

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: 132.77 ng

RT: 7.38 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF085819.D

Acq: 28 Mar 2016 23:36

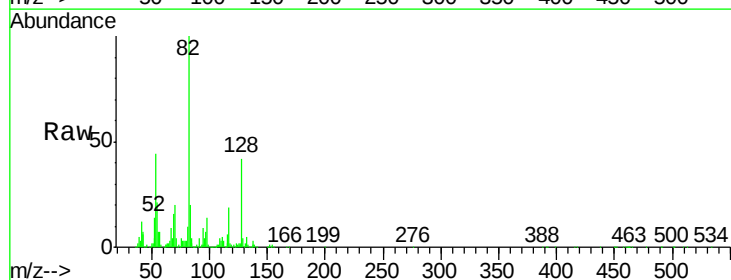
Tgt Ion: 82 Resp: 643310

Ion Ratio Lower Upper

82 100

128 42.0 41.8 62.8

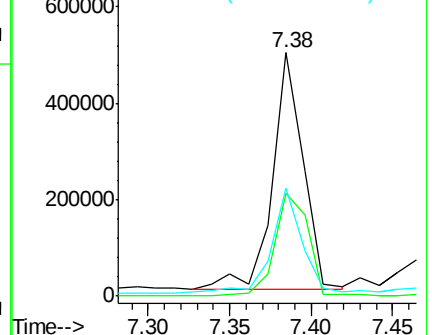
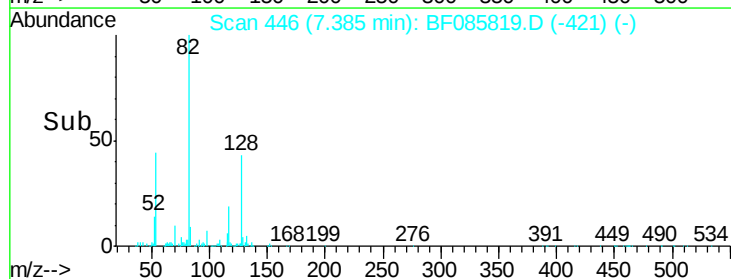
54 44.1 33.4 50.0

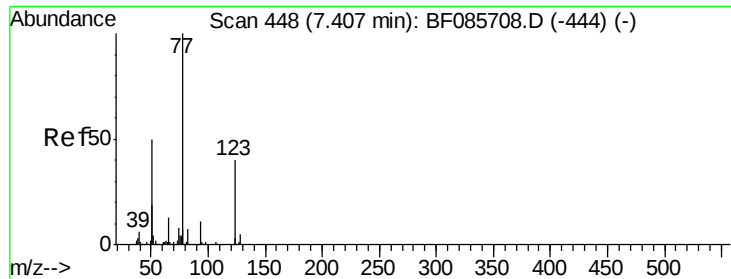


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 11.77 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.05 min

Lab File: BF085819.D

Acq: 28 Mar 2016 23:36

Instrument :

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ClientSampleId :

B-929(0.3N)COMP

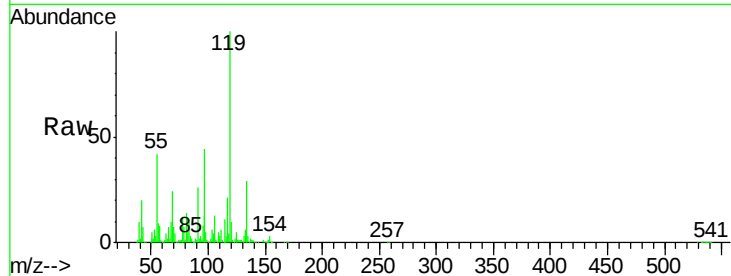
Tgt Ion: 77 Resp: 58772

Ion Ratio Lower Upper

77 100

123 14.7 35.0 52.4#

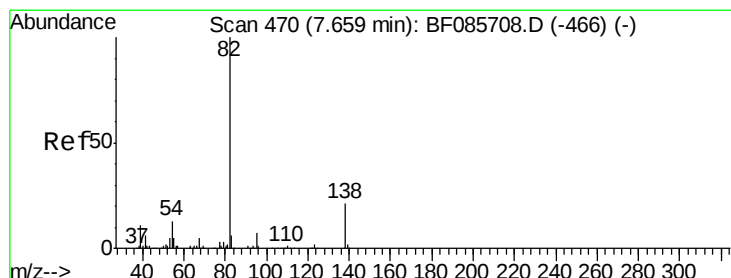
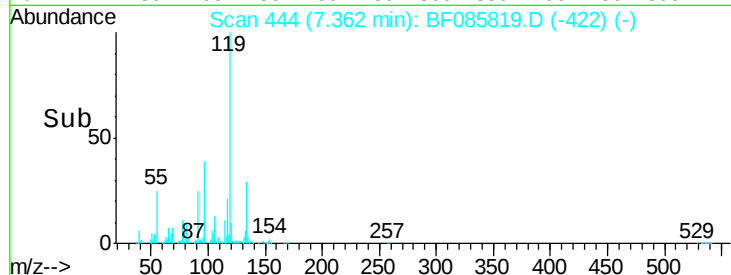
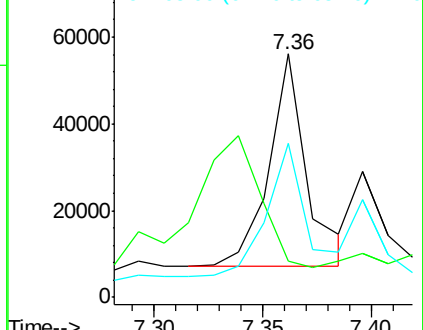
65 63.5 10.6 16.0#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 14.21 ng

RT: 7.64 min Scan# 468

Delta R.T. -0.02 min

Lab File: BF085819.D

Acq: 28 Mar 2016 23:36

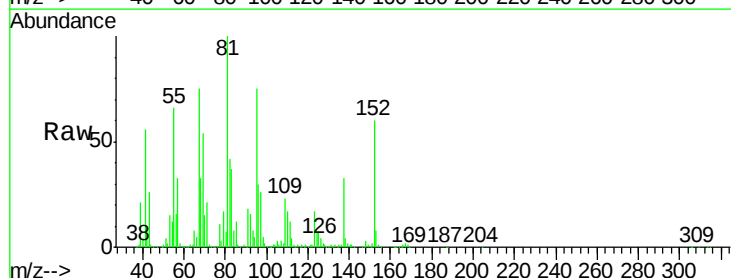
Tgt Ion: 82 Resp: 132637

Ion Ratio Lower Upper

82 100

95 179.3 5.4 8.2#

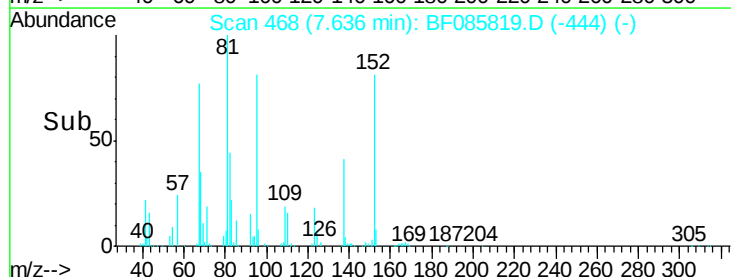
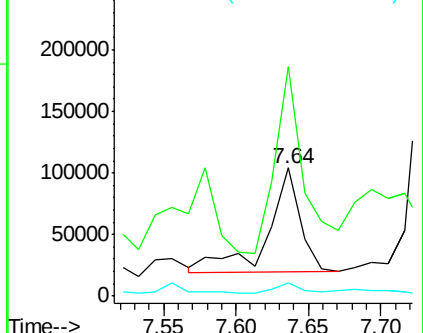
138 10.4 12.9 19.3#

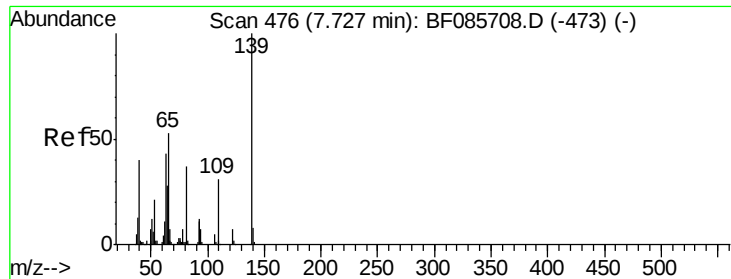


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#26

2-Nitrophenol

Concen: 16.62 ng

RT: 7.78 min Scan# 481

Delta R.T. 0.06 min

Lab File: BF085819.D

Acq: 28 Mar 2016 23:36

Instrument :

BNA_F

ClientSampleId :

B-929(0.3N)COMP

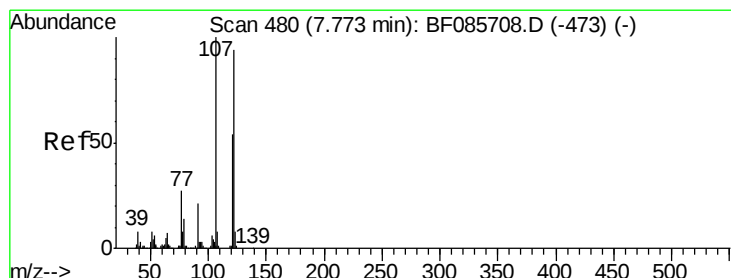
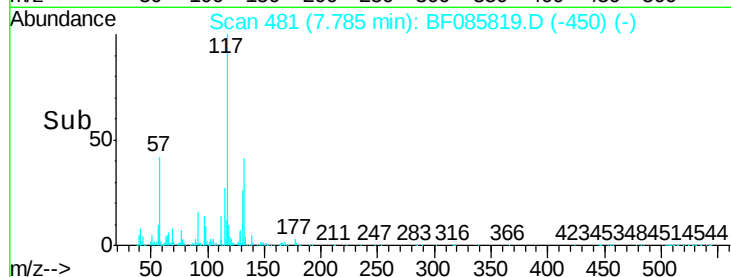
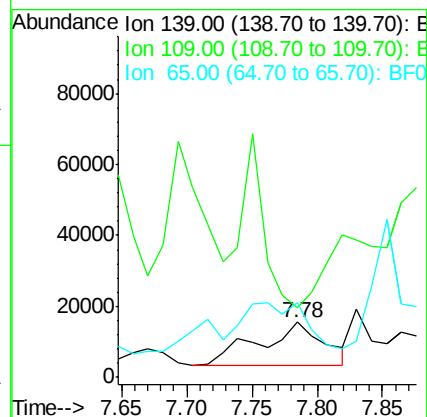
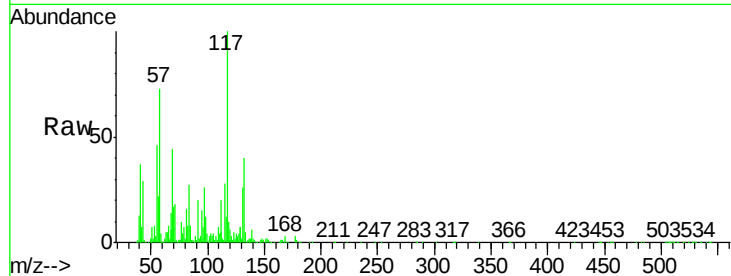
Tgt Ion:139 Resp: 41520

Ion Ratio Lower Upper

139 100

109 126.4 22.1 33.1#

65 135.6 33.9 50.9#



#27

2,4-Dimethylphenol

Concen: 5.02 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF085819.D

Acq: 28 Mar 2016 23:36

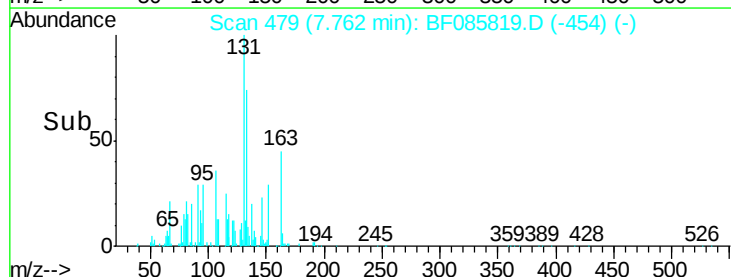
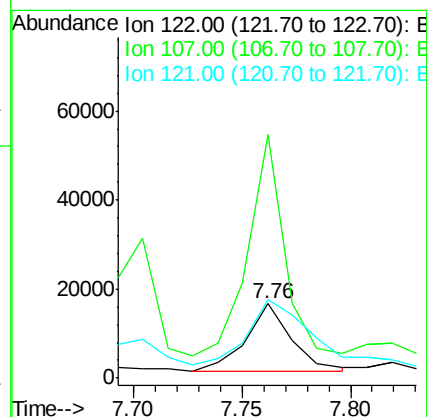
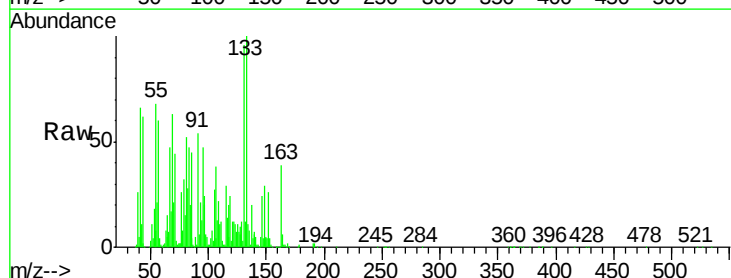
Tgt Ion:122 Resp: 21906

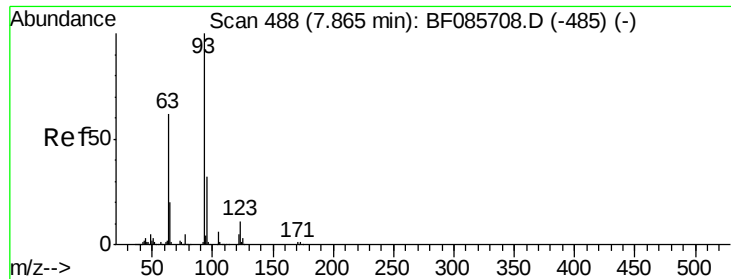
Ion Ratio Lower Upper

122 100

107 326.9 93.0 139.6#

121 105.2 45.9 68.9#

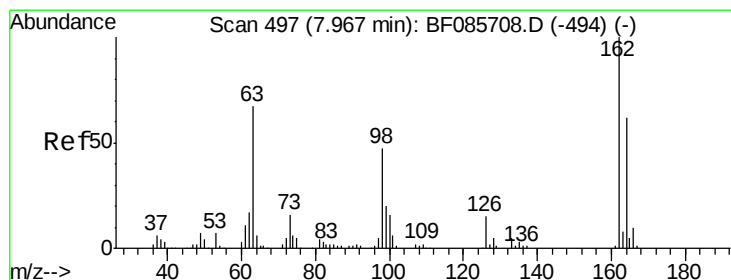
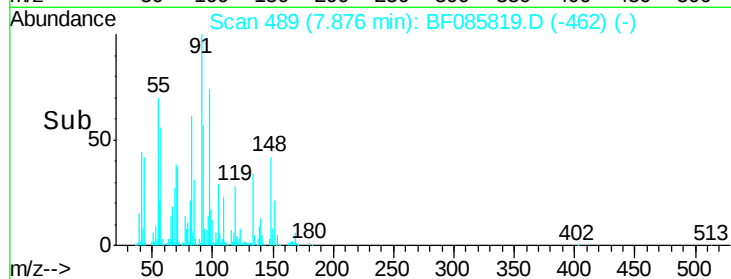
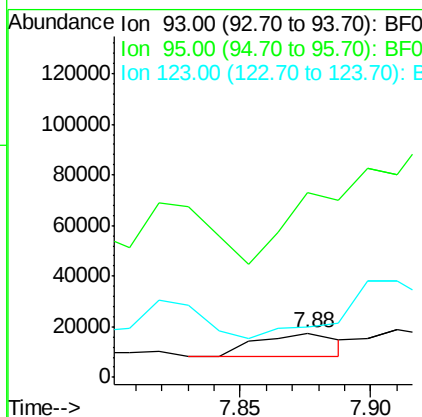
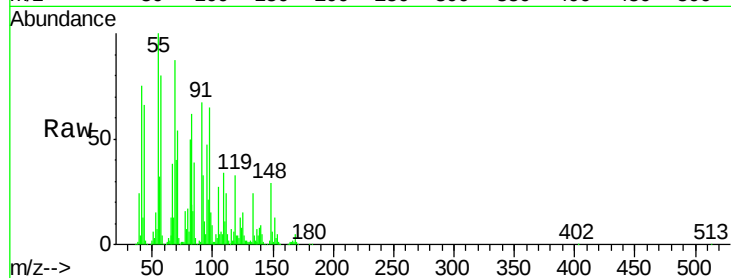




#28
bis(2-Chloroethoxy)methane
Concen: 3.90 ng
RT: 7.88 min Scan# 489
Delta R.T. 0.01 min
Lab File: BF085819.D
Acq: 28 Mar 2016 23:36

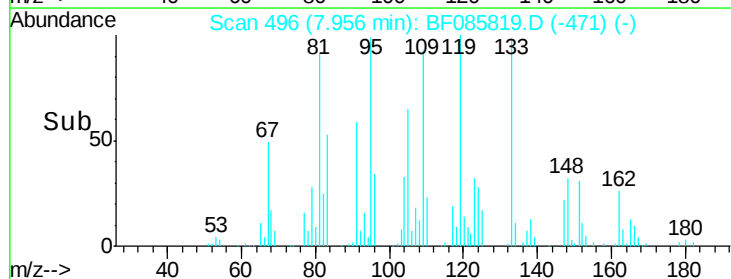
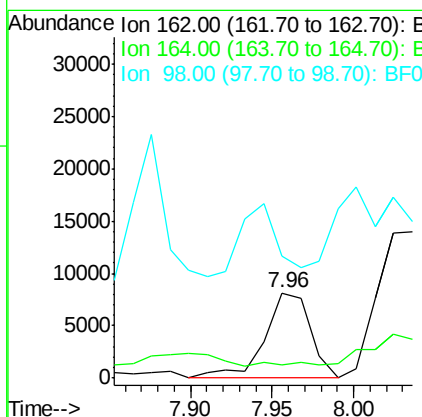
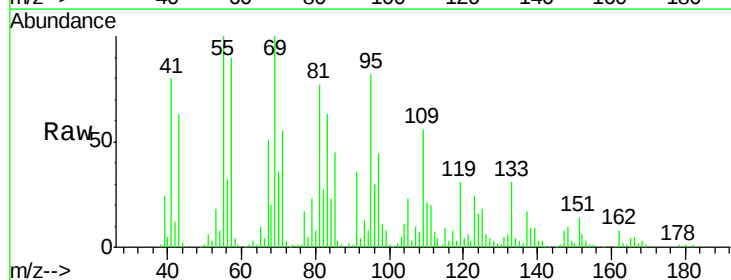
Instrument :
BNA_F
ClientSampleId :
B-929(0.3N)COMP

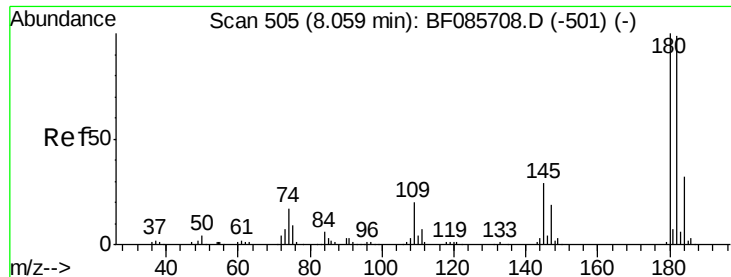
Tgt Ion: 93 Resp: 20718
Ion Ratio Lower Upper
93 100
95 416.6 26.4 39.6#
123 112.6 9.8 14.6#



#29
2,4-Dichlorophenol
Concen: 4.37 ng
RT: 7.96 min Scan# 496
Delta R.T. -0.01 min
Lab File: BF085819.D
Acq: 28 Mar 2016 23:36

Tgt Ion: 162 Resp: 16031
Ion Ratio Lower Upper
162 100
164 15.9 43.7 83.7#
98 143.0 20.4 60.4#

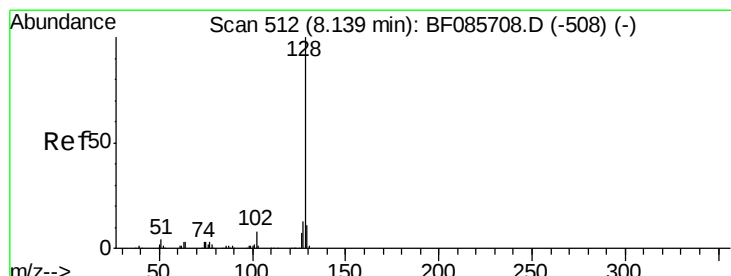
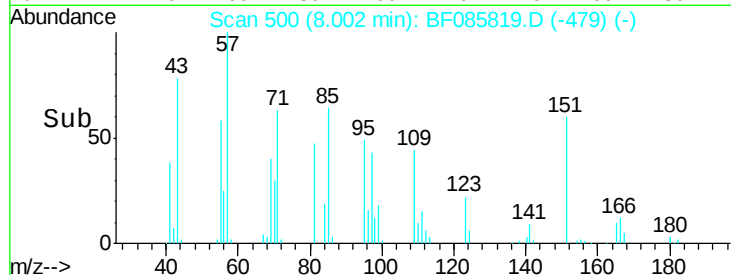
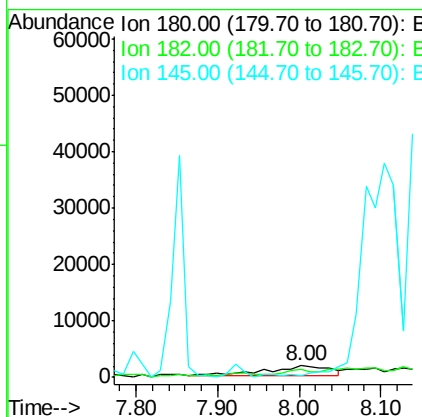
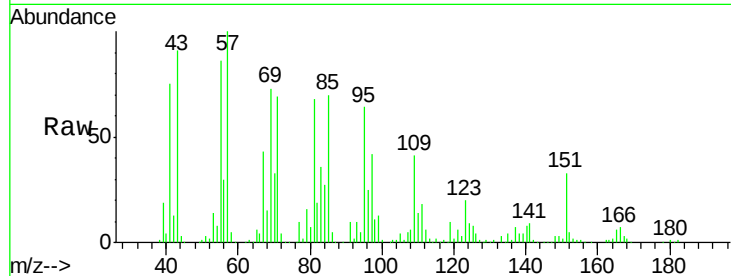




#30
 1,2,4-Trichlorobenzene
 Concen: 2.16 ng
 RT: 8.00 min Scan# 500
 Delta R.T. -0.06 min
 Lab File: BF085819.D
 Acq: 28 Mar 2016 23:36

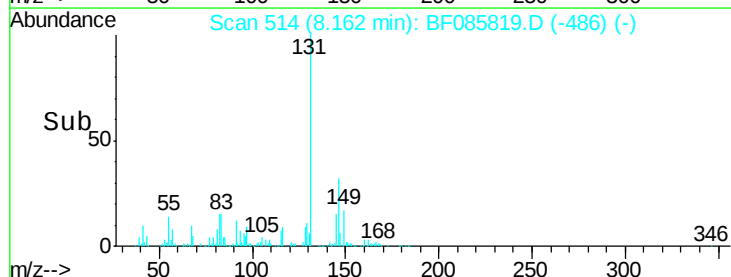
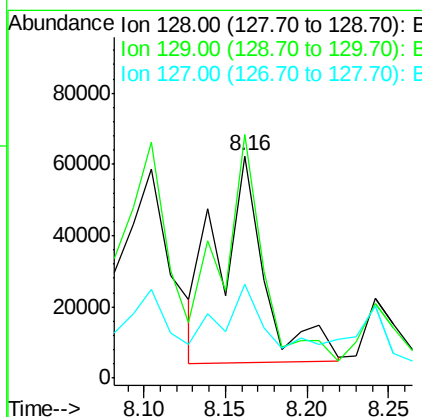
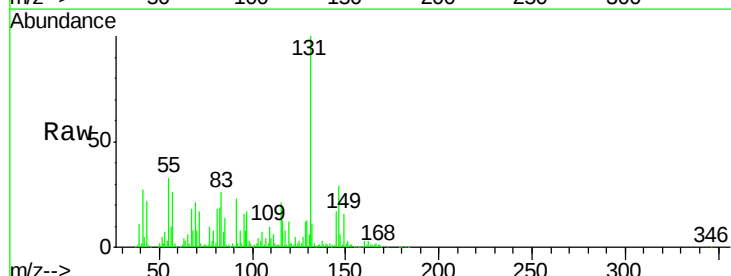
Instrument :
 BNA_F
 ClientSampleId :
 B-929(0.3N)COMP

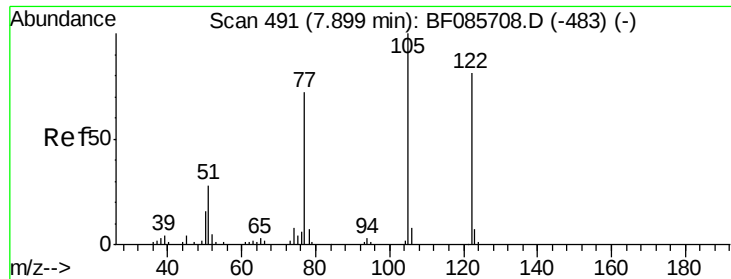
Tgt Ion:180 Resp: 8819
 Ion Ratio Lower Upper
 180 100
 182 67.8 73.8 110.8#
 145 16.6 28.4 42.6#



#31
 Naphthalene
 Concen: 8.36 ng
 RT: 8.16 min Scan# 514
 Delta R.T. 0.02 min
 Lab File: BF085819.D
 Acq: 28 Mar 2016 23:36

Tgt Ion:128 Resp: 114975
 Ion Ratio Lower Upper
 128 100
 129 109.6 9.4 14.0#
 127 42.2 11.0 16.6#





#32

Benzoic acid

Concen: 7.21 ng

RT: 7.90 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF085819.D

Acq: 28 Mar 2016 23:36

Instrument :

BNA_F

ClientSampleId :

B-929(0.3N)COMP

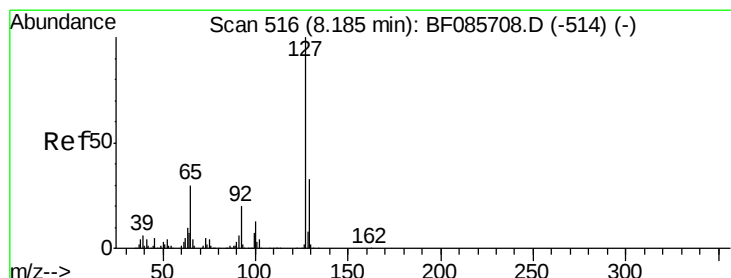
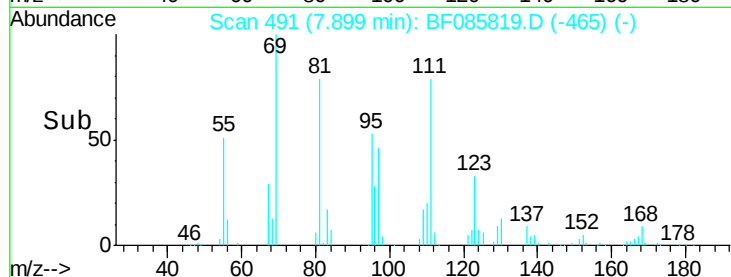
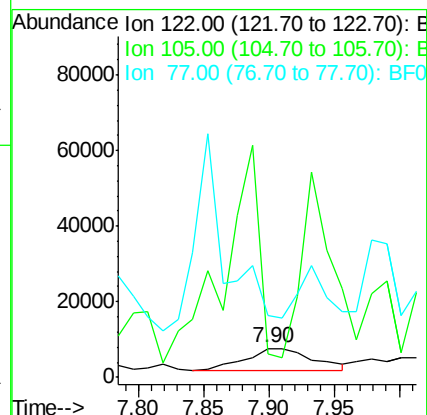
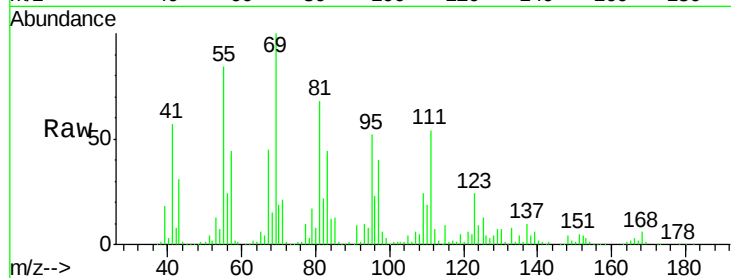
Tgt Ion:122 Resp: 20919

Ion Ratio Lower Upper

122 100

105 81.7 102.9 142.9#

77 212.6 71.8 111.8#



#33

4-Chloroaniline

Concen: 9.32 ng

RT: 8.16 min Scan# 514

Delta R.T. -0.02 min

Lab File: BF085819.D

Acq: 28 Mar 2016 23:36

Tgt Ion:127 Resp: 52307

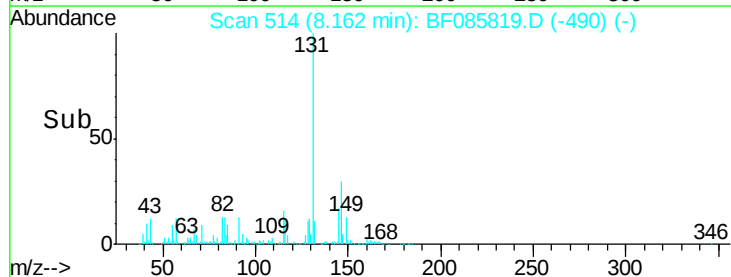
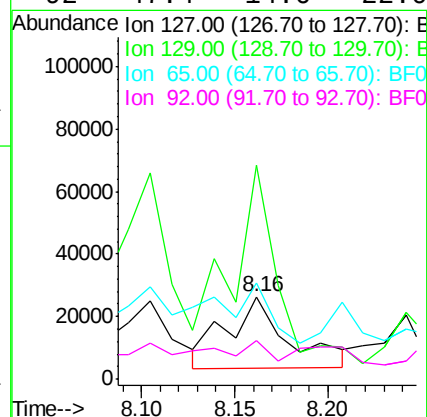
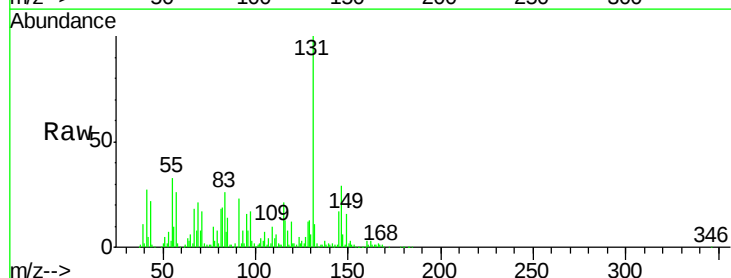
Ion Ratio Lower Upper

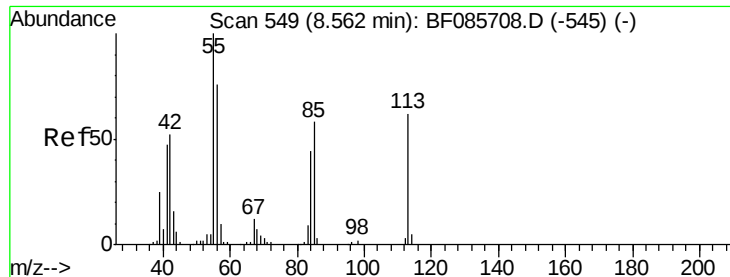
127 100

129 259.8 26.1 39.1#

65 116.7 19.5 29.3#

92 47.4 14.6 22.0#





#35

Caprolactam

Concen: 128.35 ng

RT: 8.56 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF085819.D

Acq: 28 Mar 2016 23:36

Instrument :

BNA_F

ClientSampleId :

B-929(0.3N)COMP

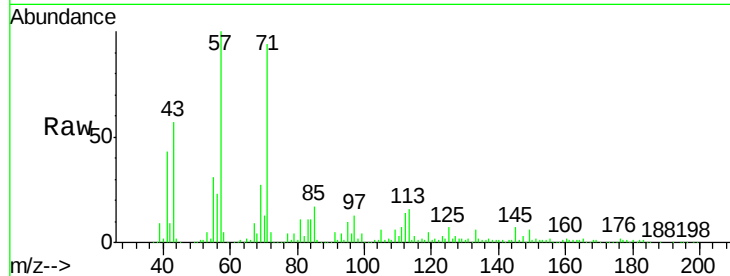
Tgt Ion:113 Resp: 166935

Ion Ratio Lower Upper

113 100

55 196.2 139.4 179.4#

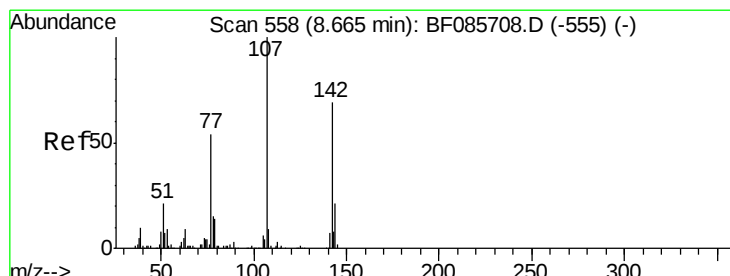
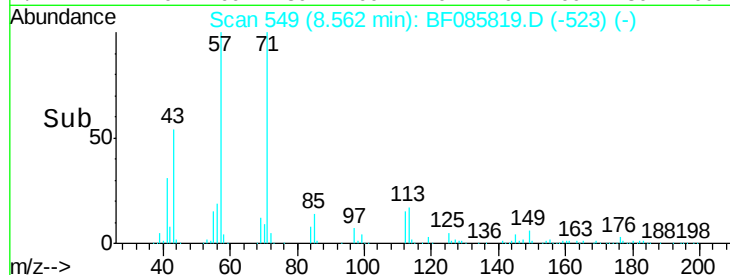
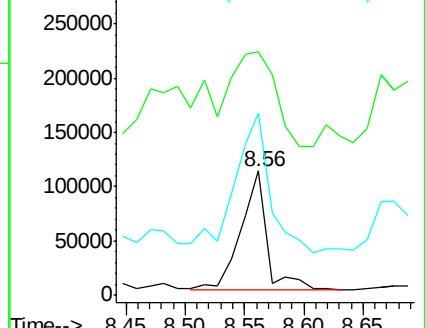
56 146.6 100.4 140.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 9.47 ng

RT: 8.65 min Scan# 557

Delta R.T. -0.01 min

Lab File: BF085819.D

Acq: 28 Mar 2016 23:36

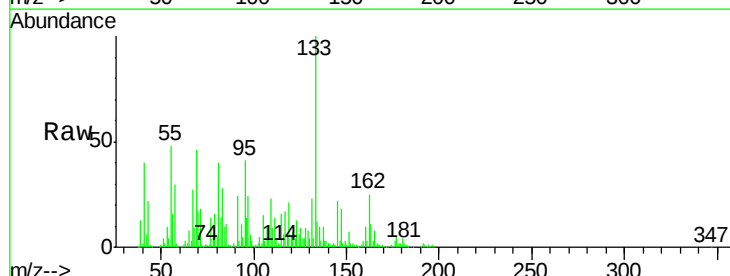
Tgt Ion:107 Resp: 40620

Ion Ratio Lower Upper

107 100

144 13.1 19.3 28.9#

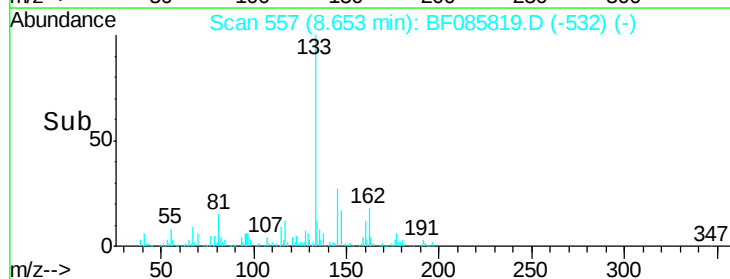
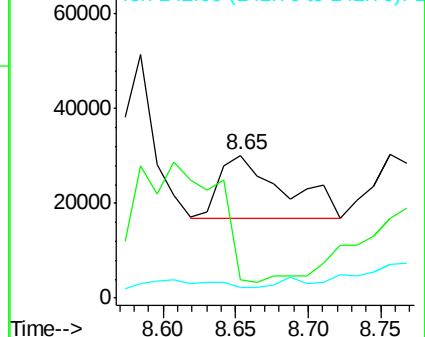
142 7.1 61.4 92.0#

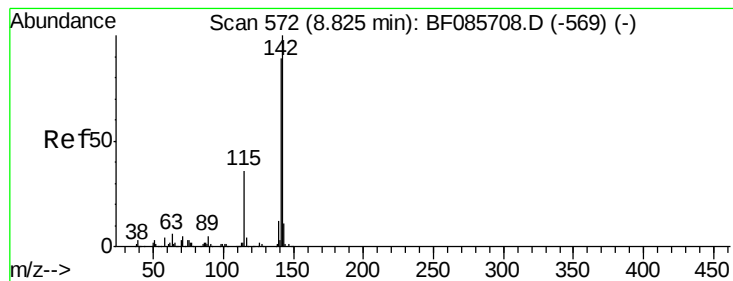


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

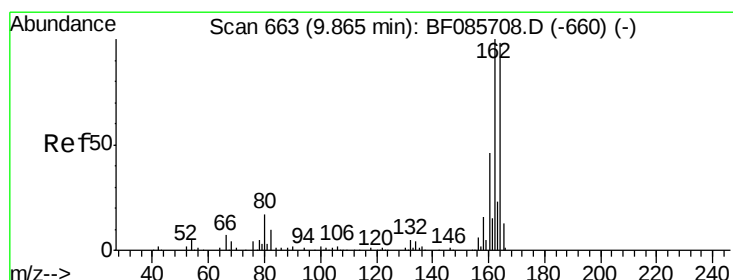
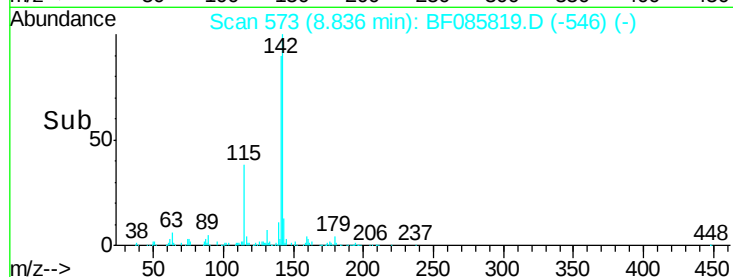
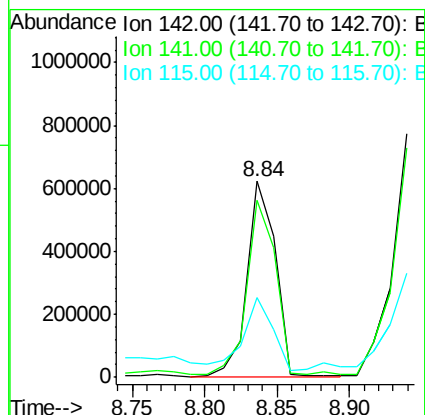
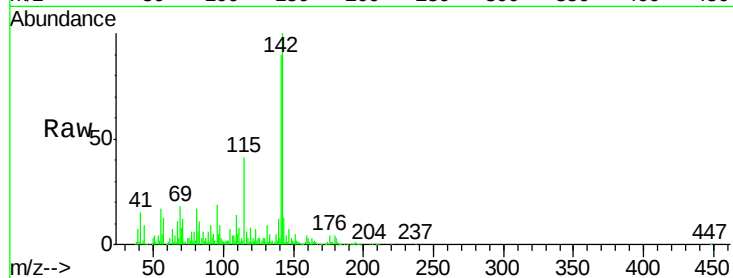




#37
2-Methylnaphthalene
Concen: Below Cal
RT: 8.84 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF085819.D
Acq: 28 Mar 2016 23:36

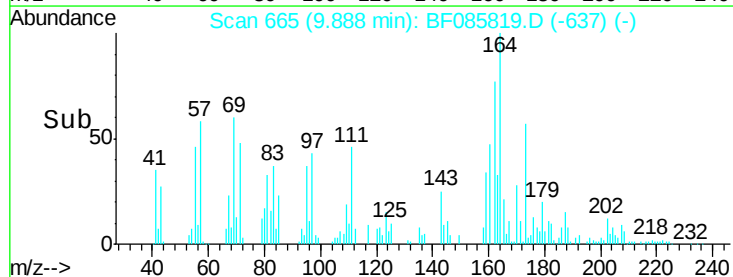
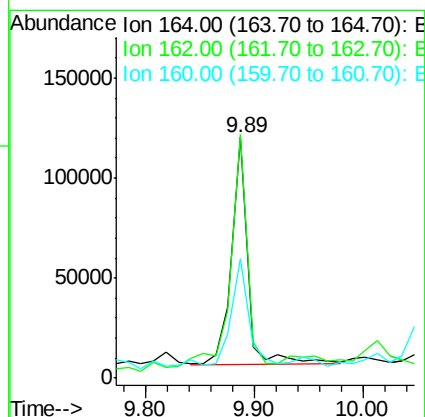
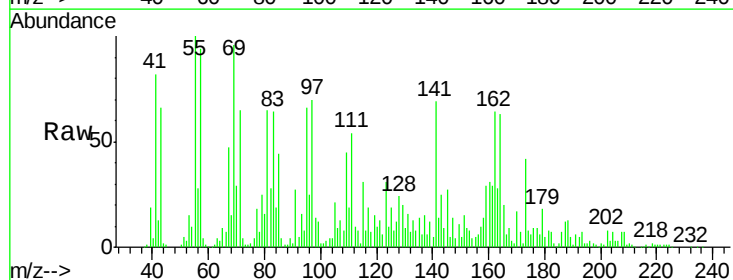
Instrument :
BNA_F
ClientSampleId :
B-929(0.3N)COMP

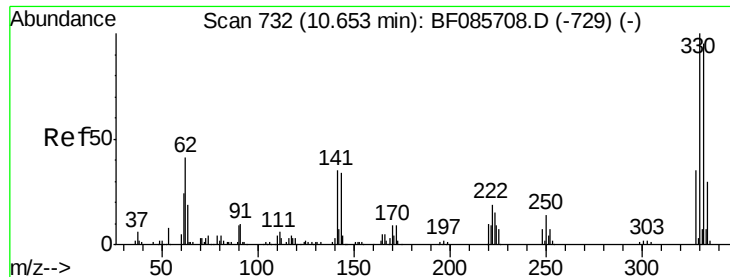
Tgt Ion:142 Resp: 836582
Ion Ratio Lower Upper
142 100
141 90.3 71.6 107.4
115 40.8 26.8 40.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 665
Delta R.T. 0.02 min
Lab File: BF085819.D
Acq: 28 Mar 2016 23:36

Tgt Ion:164 Resp: 119081
Ion Ratio Lower Upper
164 100
162 101.1 82.1 123.1
160 49.6 37.4 56.2

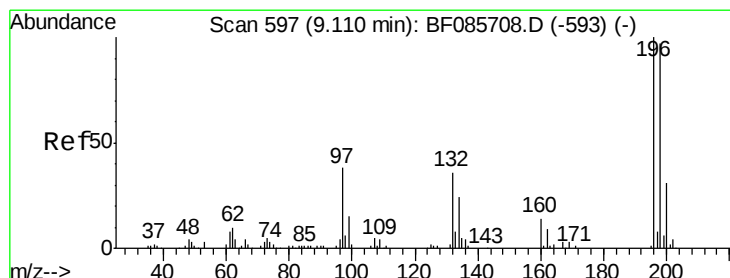
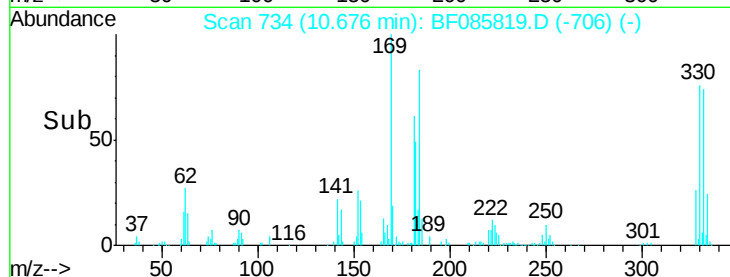
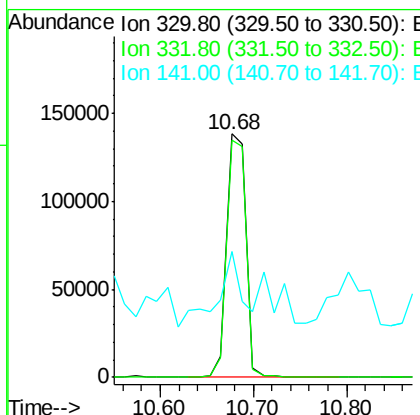
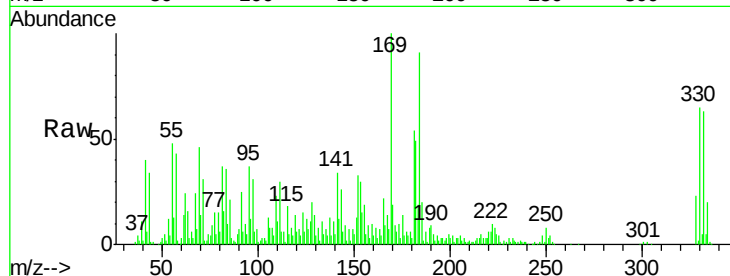




#41
 2,4,6-Tribromophenol
 Concen: 177.16 ng
 RT: 10.68 min Scan# 734
 Delta R.T. 0.02 min
 Lab File: BF085819.D
 Acq: 28 Mar 2016 23:36

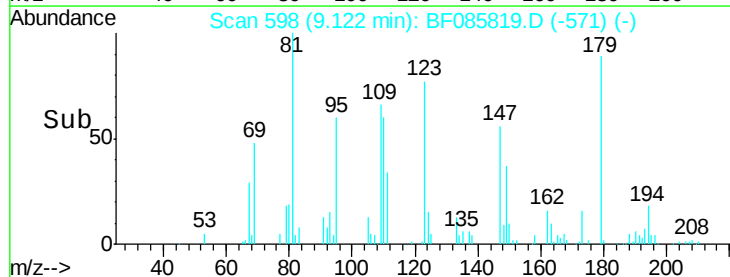
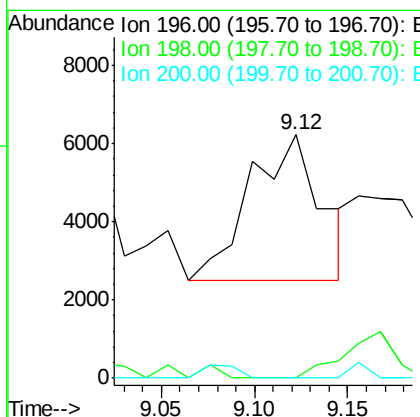
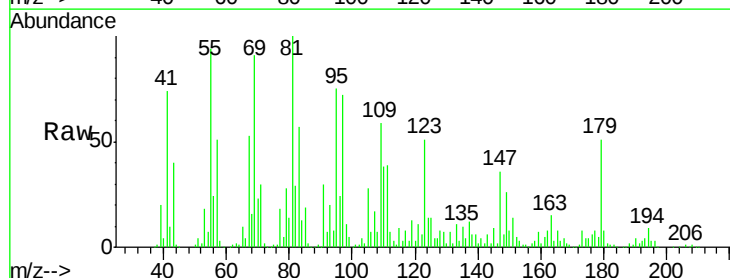
Instrument :
 BNA_F
 ClientSampleId :
 B-929(0.3N)COMP

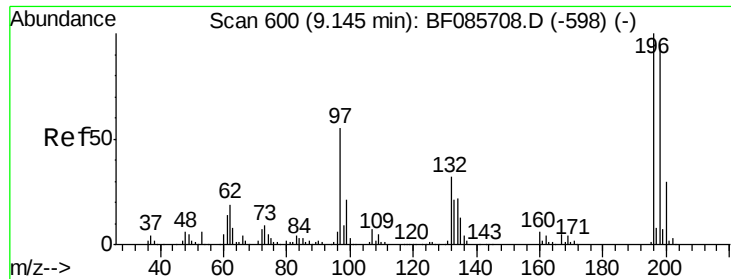
Tgt Ion:330 Resp: 200434
 Ion Ratio Lower Upper
 330 100
 332 97.6 78.2 117.2
 141 21.3 31.5 47.3#



#42
 2,4,6-Trichlorophenol
 Concen: 4.18 ng
 RT: 9.12 min Scan# 598
 Delta R.T. 0.01 min
 Lab File: BF085819.D
 Acq: 28 Mar 2016 23:36

Tgt Ion:196 Resp: 9981
 Ion Ratio Lower Upper
 196 100
 198 0.0 75.3 112.9#
 200 0.0 23.7 35.5#

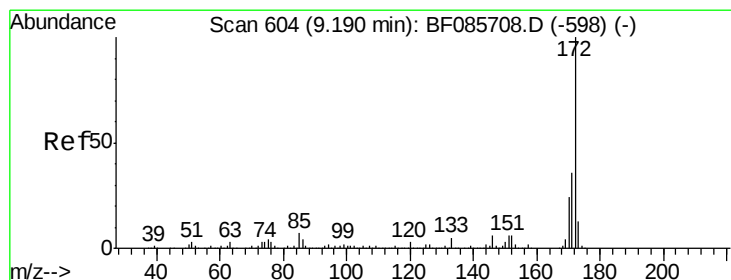
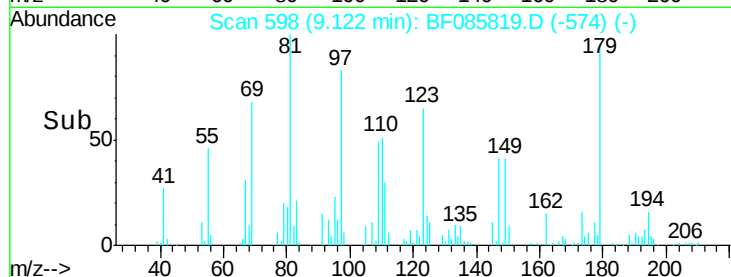
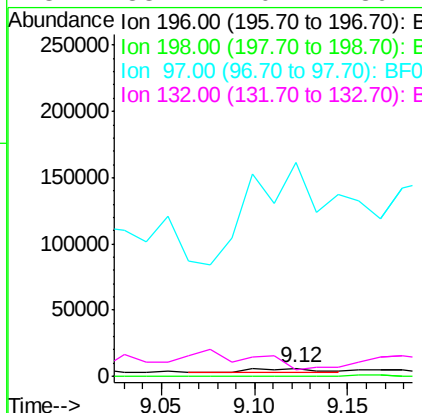
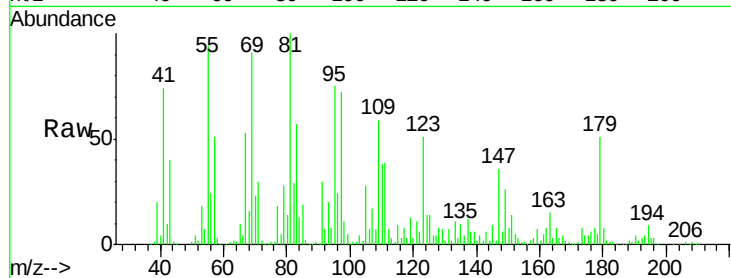




#43
 2,4,5-Trichlorophenol
 Concen: 3.99 ng
 RT: 9.12 min Scan# 598
 Delta R.T. -0.02 min
 Lab File: BF085819.D
 Acq: 28 Mar 2016 23:36

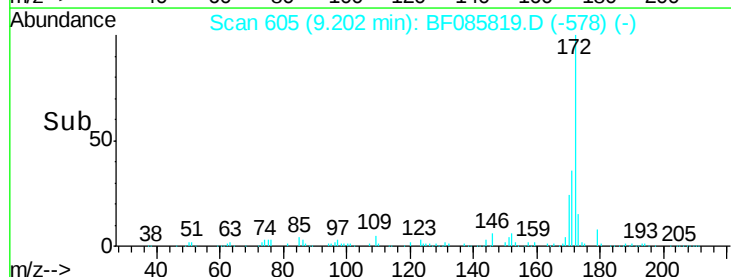
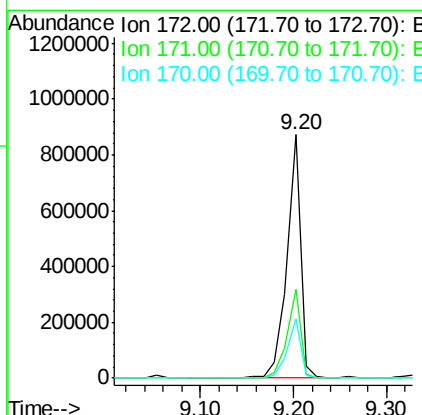
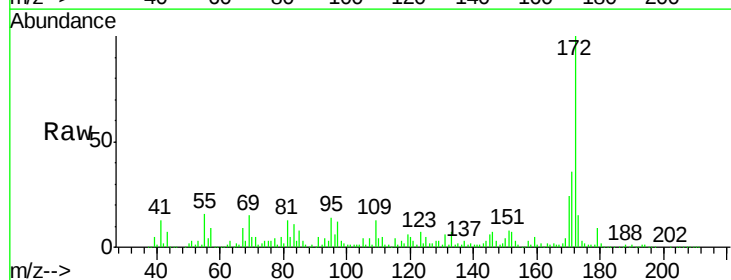
Instrument :
 BNA_F
 ClientSampleId :
 B-929(0.3N)COMP

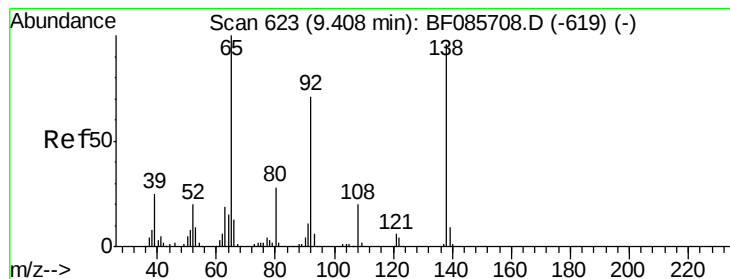
Tgt Ion:196 Resp: 9981
 Ion Ratio Lower Upper
 196 100
 198 0.0 76.6 114.8#
 97 2590.6 30.5 45.7#
 132 83.1 20.2 30.2#



#44
 2-Fluorobiphenyl
 Concen: 124.82 ng
 RT: 9.20 min Scan# 605
 Delta R.T. 0.01 min
 Lab File: BF085819.D
 Acq: 28 Mar 2016 23:36

Tgt Ion:172 Resp: 889629
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.2
 170 24.1 19.8 29.6





#47

2-Nitroaniline

Concen: 14.16 ng

RT: 9.43 min Scan# 625

Delta R.T. 0.02 min

Lab File: BF085819.D

Acq: 28 Mar 2016 23:36

Instrument :

BNA_F

ClientSampleId :

B-929(0.3N)COMP

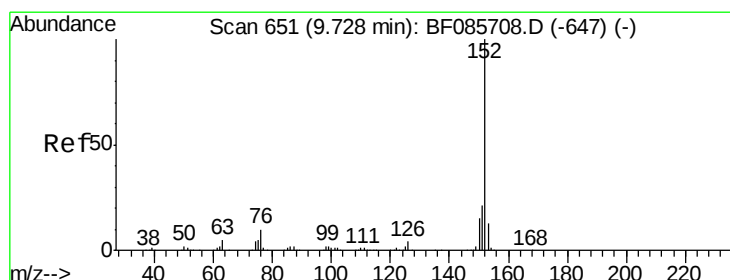
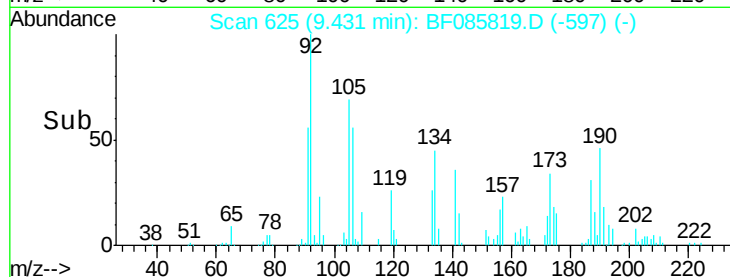
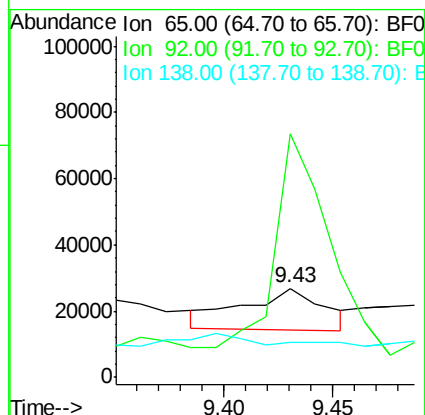
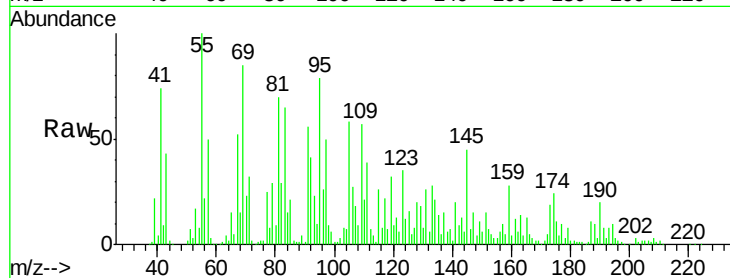
Tgt Ion: 65 Resp: 31998

Ion Ratio Lower Upper

65 100

92 273.0 59.7 89.5#

138 39.0 91.4 137.0#



#48

Acenaphthylene

Concen: 6.26 ng

RT: 9.75 min Scan# 653

Delta R.T. 0.02 min

Lab File: BF085819.D

Acq: 28 Mar 2016 23:36

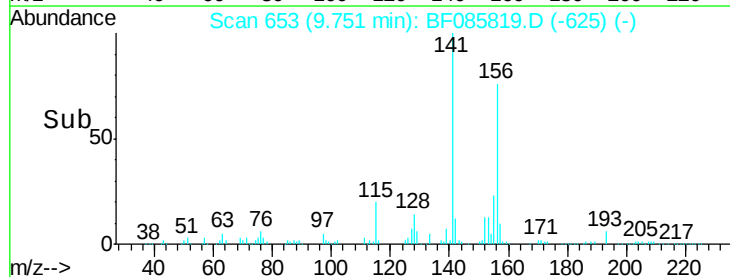
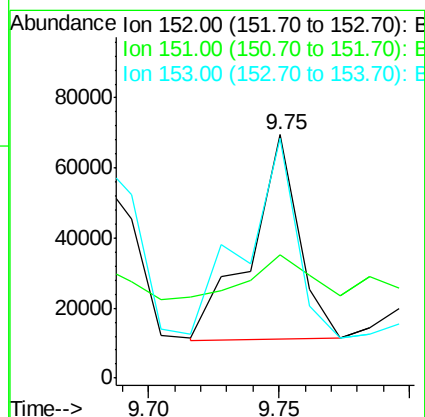
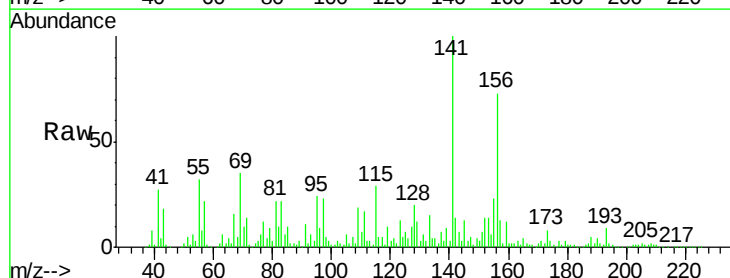
Tgt Ion: 152 Resp: 75352

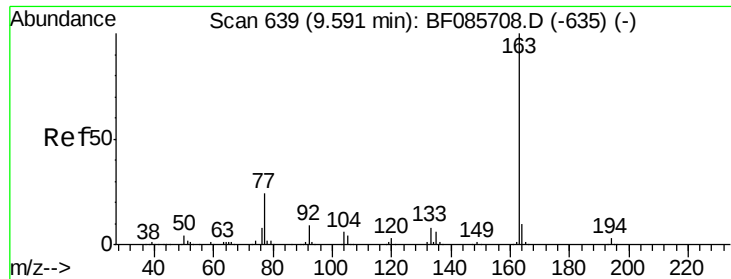
Ion Ratio Lower Upper

152 100

151 50.8 16.8 25.2#

153 98.2 10.9 16.3#





#49

Dimethylphthalate

Concen: 13.58 ng

RT: 9.60 min Scan# 640

Delta R.T. 0.01 min

Lab File: BF085819.D

Acq: 28 Mar 2016 23:36

Instrument :

BNA_F

ClientSampleId :

B-929(0.3N)COMP

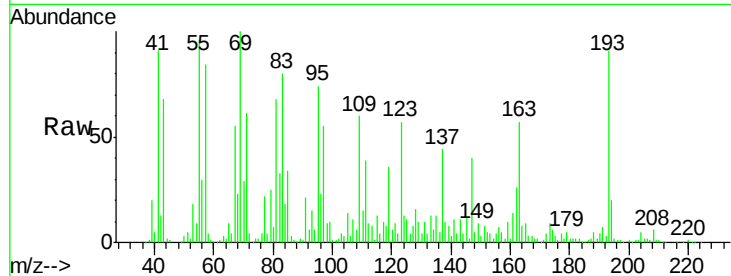
Tgt Ion:163 Resp: 122658

Ion Ratio Lower Upper

163 100

194 34.4 2.9 4.3#

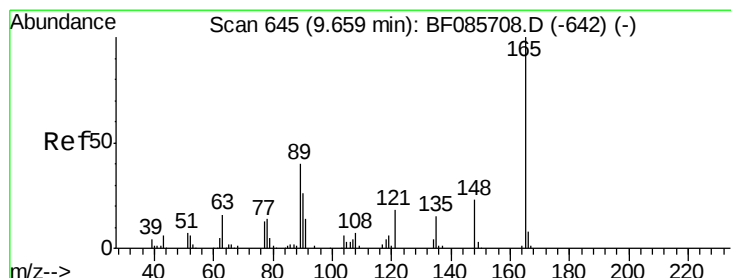
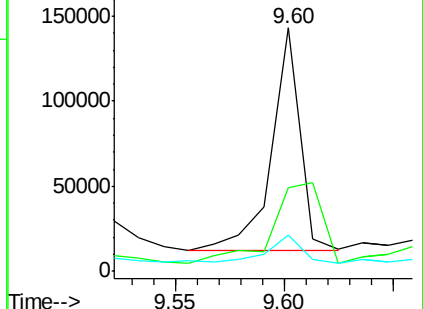
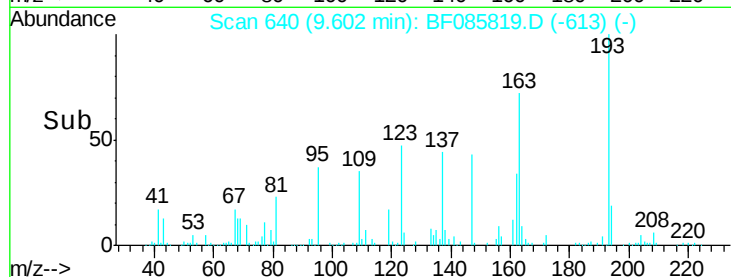
164 14.7 8.3 12.5#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 16.89 ng

RT: 9.66 min Scan# 645

Delta R.T. 0.00 min

Lab File: BF085819.D

Acq: 28 Mar 2016 23:36

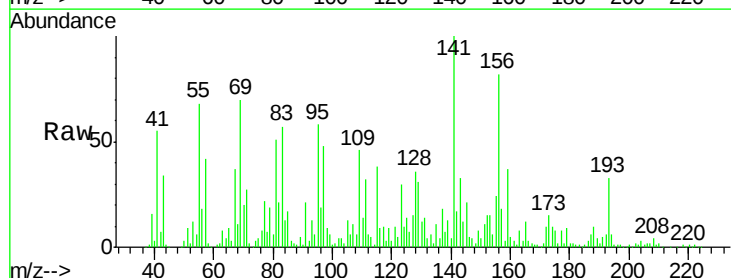
Tgt Ion:165 Resp: 32854

Ion Ratio Lower Upper

165 100

63 72.1 51.8 77.8

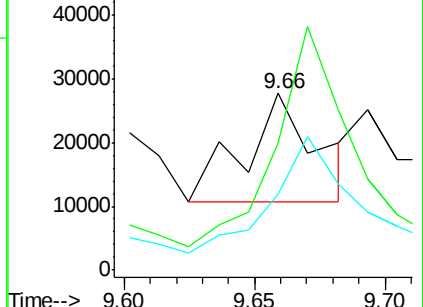
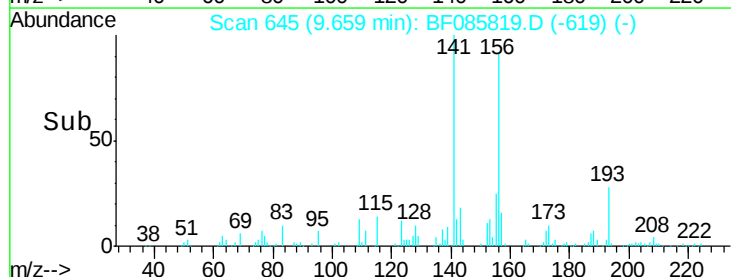
89 42.8 53.7 80.5#

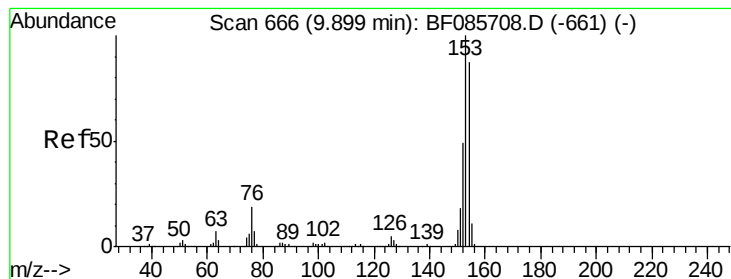


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 20.06 ng

RT: 9.92 min Scan# 668

Delta R.T. 0.02 min

Lab File: BF085819.D

Acq: 28 Mar 2016 23:36

Instrument :

BNA_F

ClientSampleId :

B-929(0.3N)COMP

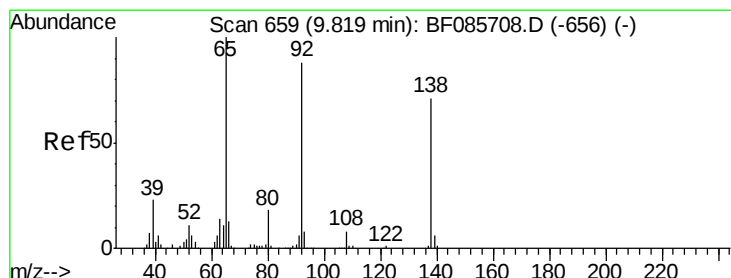
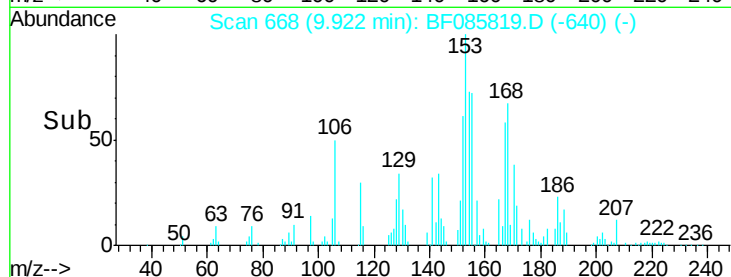
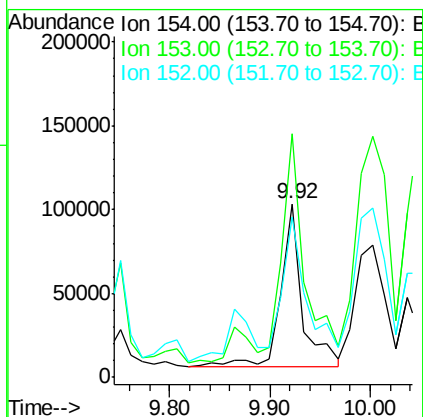
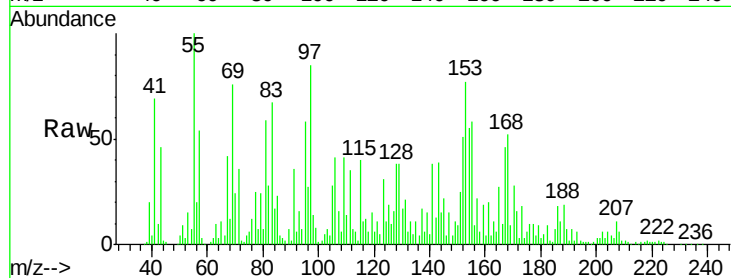
Tgt Ion:154 Resp: 147514

Ion Ratio Lower Upper

154 100

153 140.4 90.1 135.1#

152 92.4 44.2 66.2#



#52

3-Nitroaniline

Concen: 12.37 ng

RT: 9.84 min Scan# 661

Delta R.T. 0.02 min

Lab File: BF085819.D

Acq: 28 Mar 2016 23:36

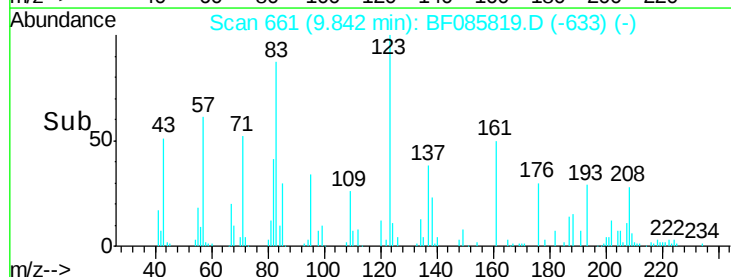
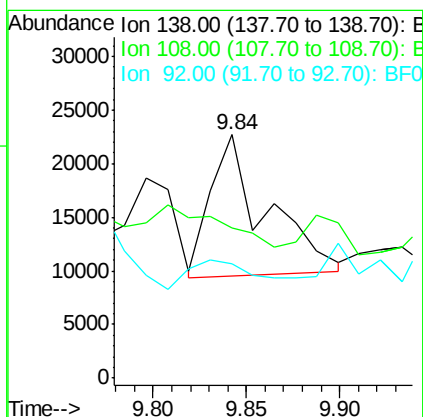
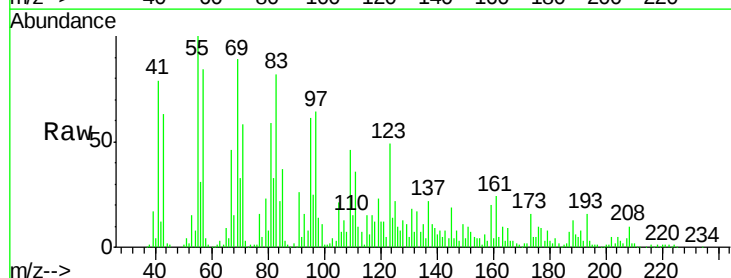
Tgt Ion:138 Resp: 27530

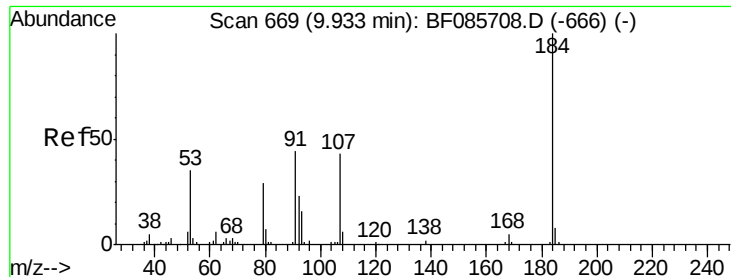
Ion Ratio Lower Upper

138 100

108 61.6 8.7 13.1#

92 46.7 93.3 139.9#

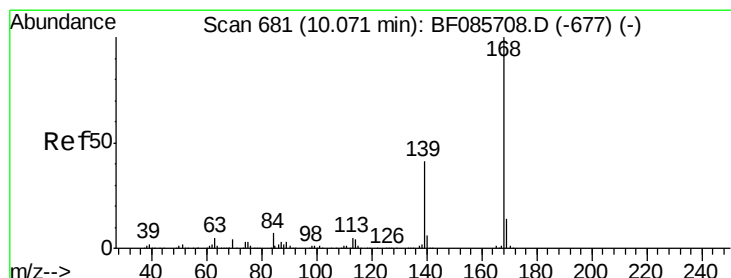
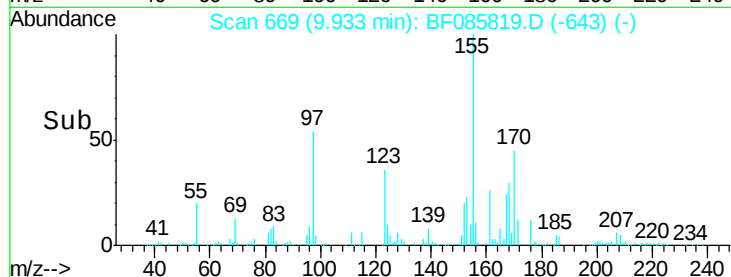
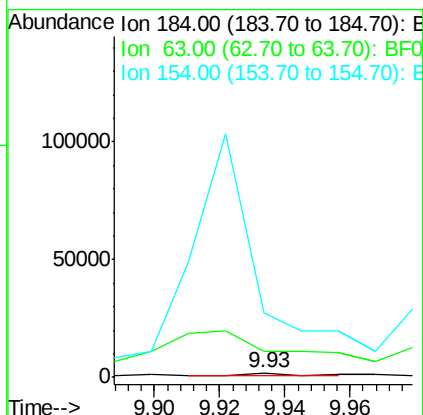
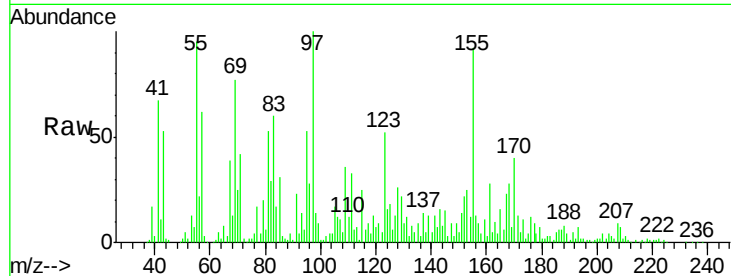




#53
2,4-Dinitrophenol
Concen: 7.59 ng
RT: 9.93 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF085819.D
Acq: 28 Mar 2016 23:36

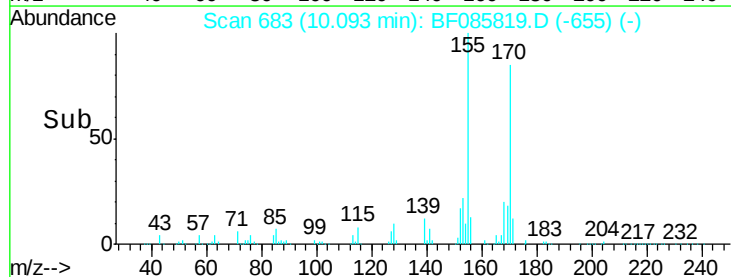
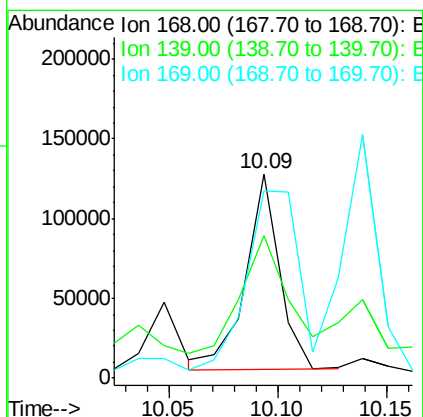
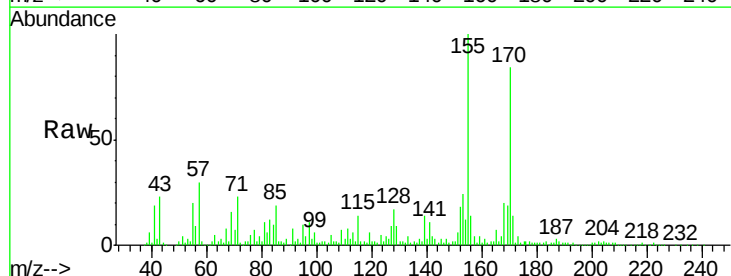
Instrument :
BNA_F
ClientSampleId :
B-929(0.3N)COMP

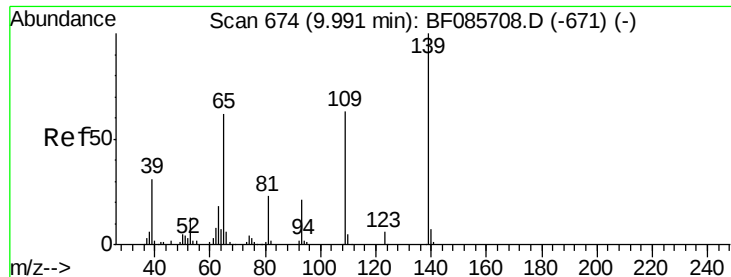
Tgt Ion:184 Resp: 1648
Ion Ratio Lower Upper
184 100
63 561.0 69.5 104.3#
154 1352.4 58.3 87.5#



#54
Dibenzofuran
Concen: 14.02 ng
RT: 10.09 min Scan# 683
Delta R.T. 0.02 min
Lab File: BF085819.D
Acq: 28 Mar 2016 23:36

Tgt Ion:168 Resp: 133488
Ion Ratio Lower Upper
168 100
139 70.0 31.9 47.9#
169 91.5 11.0 16.6#





#55

4-Nitrophenol

Concen: 74.41 ng

RT: 10.00 min Scan# 675

Delta R.T. 0.01 min

Lab File: BF085819.D

Acq: 28 Mar 2016 23:36

Instrument :

BNA_F

ClientSampleId :

B-929(0.3N)COMP

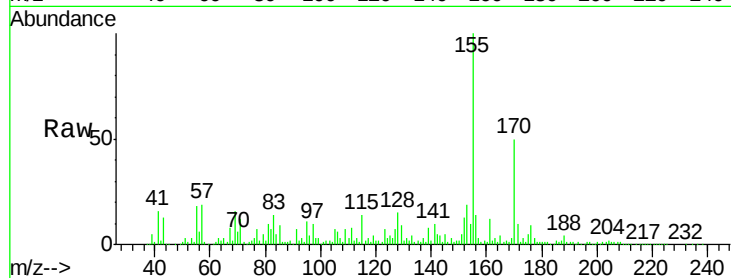
Tgt Ion:139 Resp: 107911

Ion Ratio Lower Upper

139 100

109 92.6 49.2 89.2#

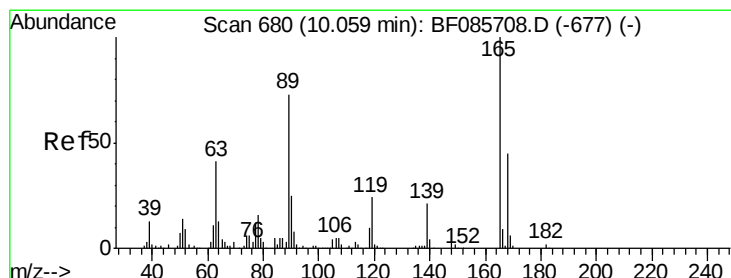
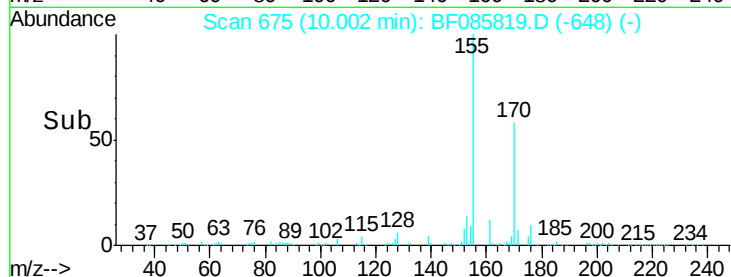
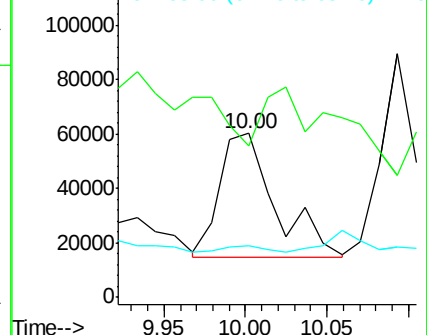
65 31.8 66.9 106.9#



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: 27.31 ng

RT: 10.10 min Scan# 684

Delta R.T. 0.05 min

Lab File: BF085819.D

Acq: 28 Mar 2016 23:36

Tgt Ion:165 Resp: 67494

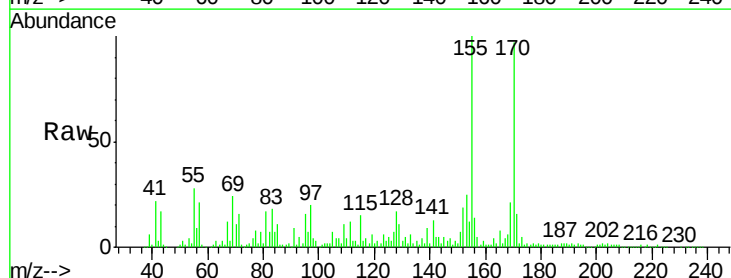
Ion Ratio Lower Upper

165 100

63 40.8 24.9 37.3#

89 24.8 41.0 61.6#

182 16.9 2.1 3.1#

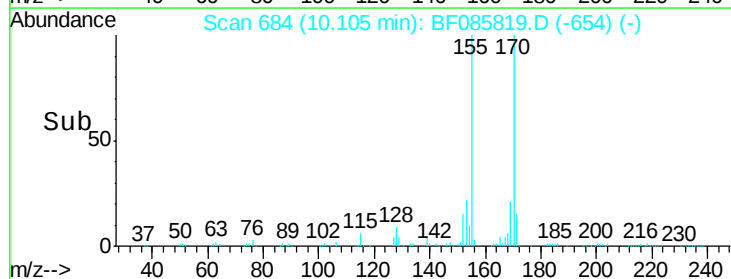
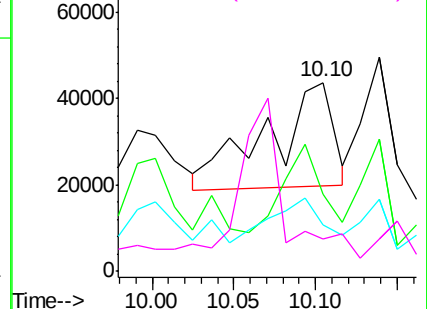


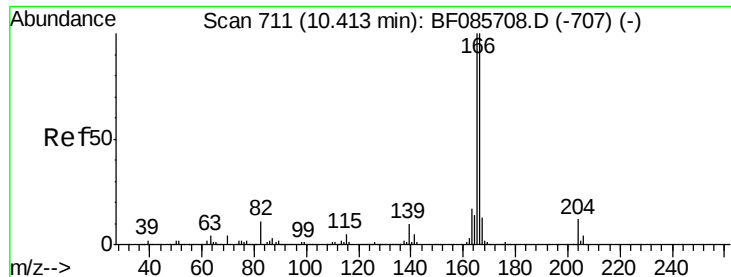
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

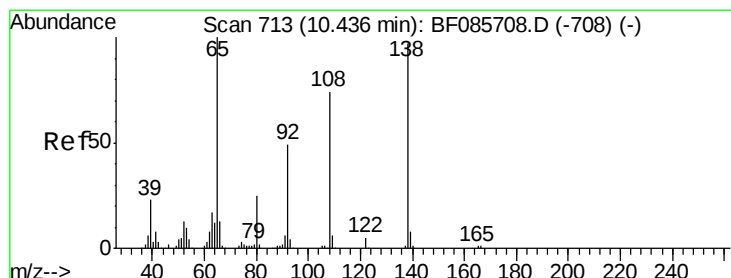
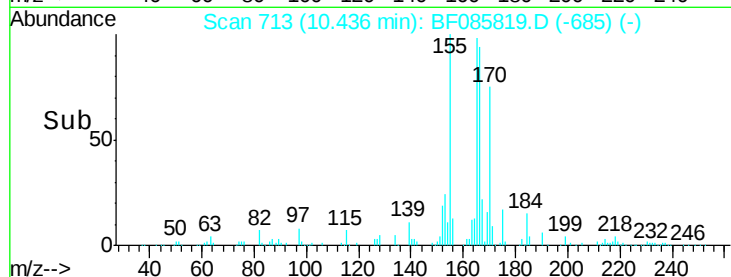
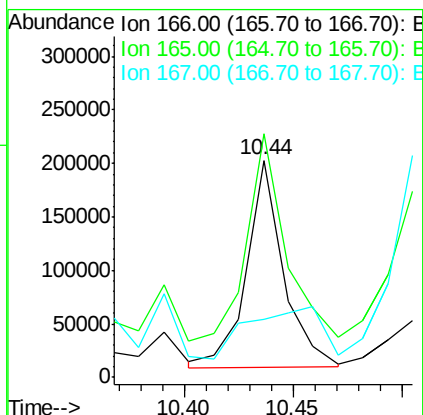
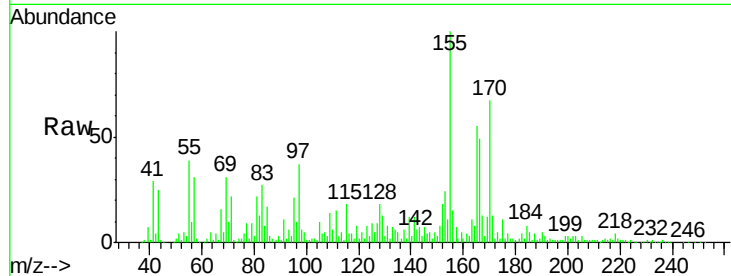




#57
Fluorene
 Concen: 29.03 ng
 RT: 10.44 min Scan# 713
 Delta R.T. 0.02 min
 Lab File: BF085819.D
 Acq: 28 Mar 2016 23:36

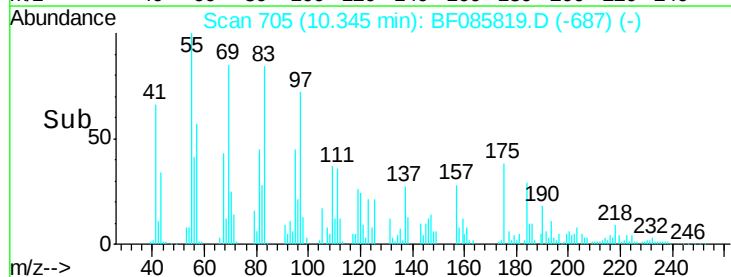
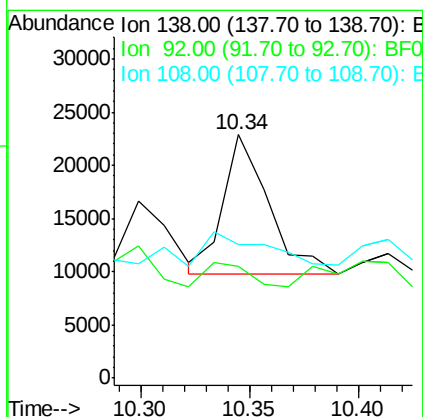
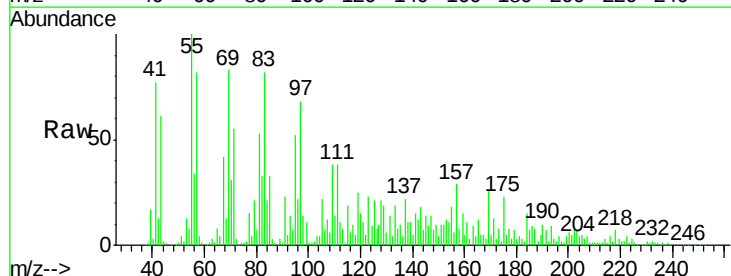
Instrument :
 BNA_F
 ClientSampleId :
 B-929(0.3N)COMP

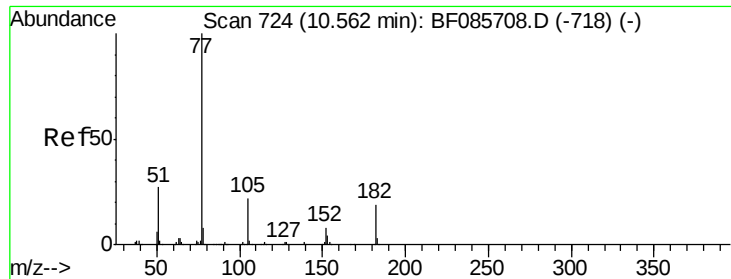
Tgt Ion:166 Resp: 229671
 Ion Ratio Lower Upper
 166 100
 165 112.1 79.4 119.0
 167 26.7 11.0 16.4#



#61
4-Nitroaniline
 Concen: 8.76 ng
 RT: 10.34 min Scan# 705
 Delta R.T. -0.09 min
 Lab File: BF085819.D
 Acq: 28 Mar 2016 23:36

Tgt Ion:138 Resp: 18641
 Ion Ratio Lower Upper
 138 100
 92 46.0 26.4 66.4
 108 54.8 49.0 89.0





#62

Azobenzene

Concen: 6.26 ng

RT: 10.58 min Scan# 726

Delta R.T. 0.02 min

Lab File: BF085819.D

Acq: 28 Mar 2016 23:36

Instrument :

BNA_F

ClientSampleId :

B-929(0.3N)COMP

Tgt Ion: 77 Resp: 53691

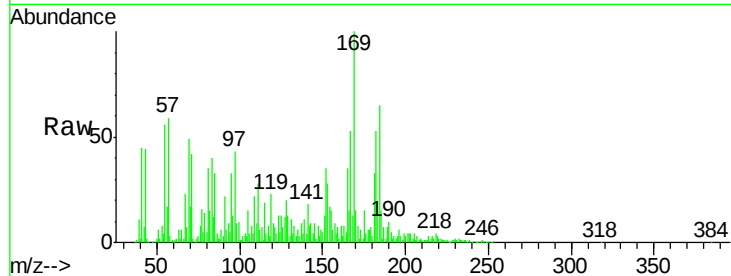
Ion Ratio Lower Upper

77 100

182 336.6 1.9 41.9#

105 92.7 3.5 43.5#

51 35.6 6.3 46.3

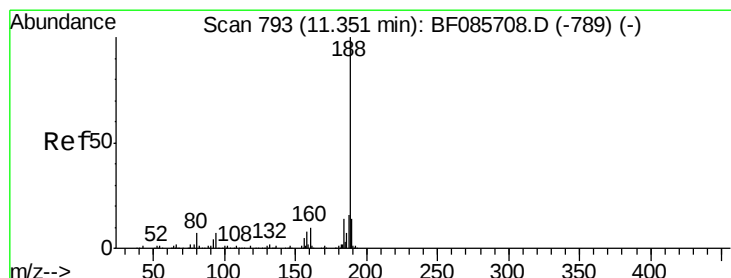
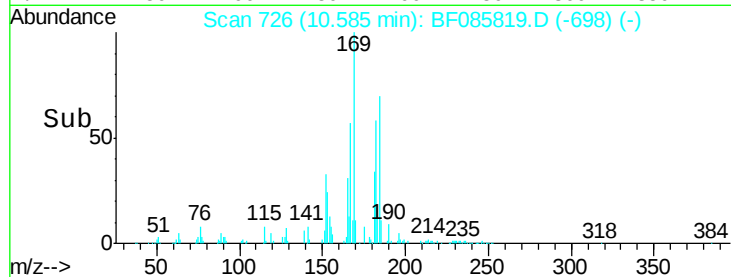
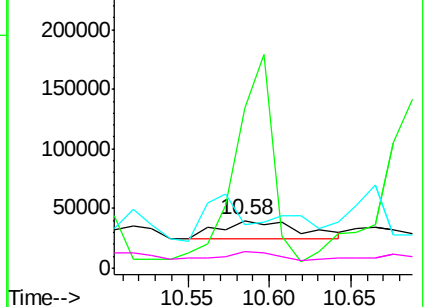


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.37 min Scan# 795

Delta R.T. 0.02 min

Lab File: BF085819.D

Acq: 28 Mar 2016 23:36

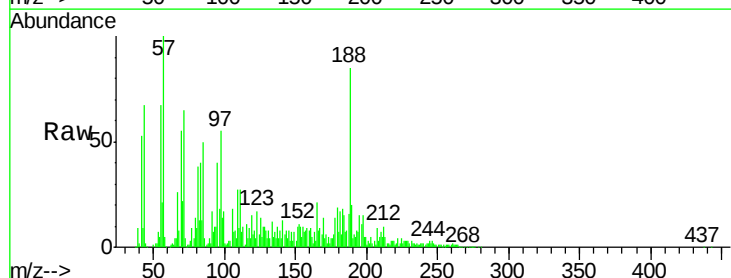
Tgt Ion: 188 Resp: 221161

Ion Ratio Lower Upper

188 100

94 11.3 5.4 8.0#

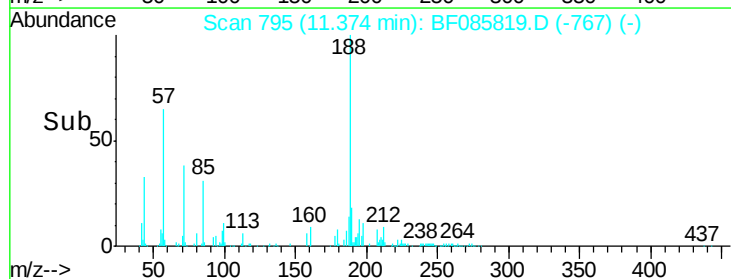
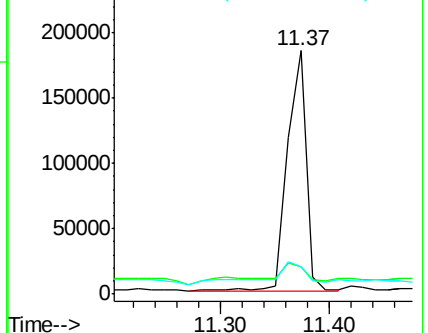
80 11.0 5.5 8.3#

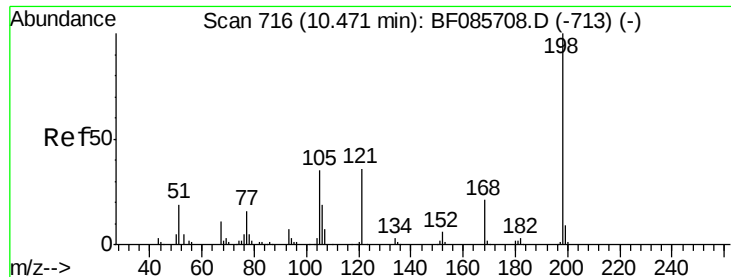


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

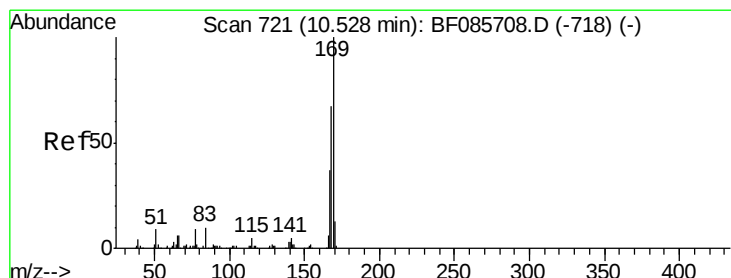
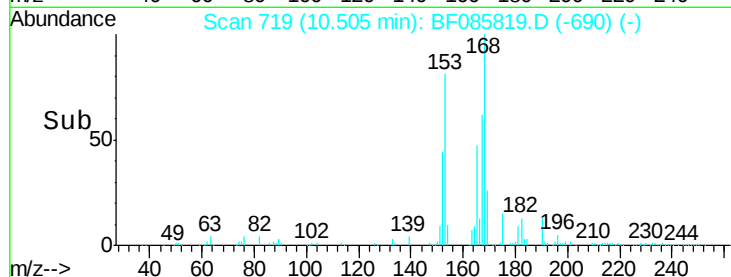
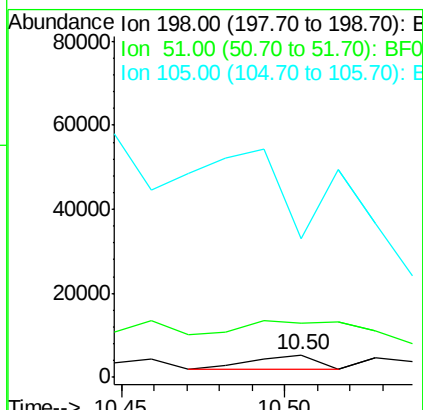
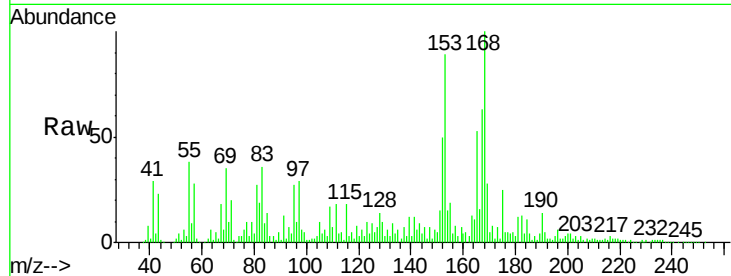




#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.67 ng
 RT: 10.50 min Scan# 719
 Delta R.T. 0.03 min
 Lab File: BF085819.D
 Acq: 28 Mar 2016 23:36

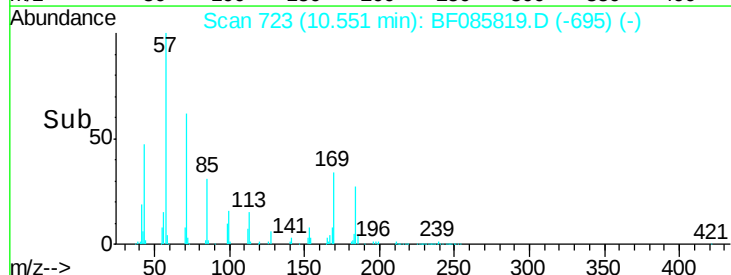
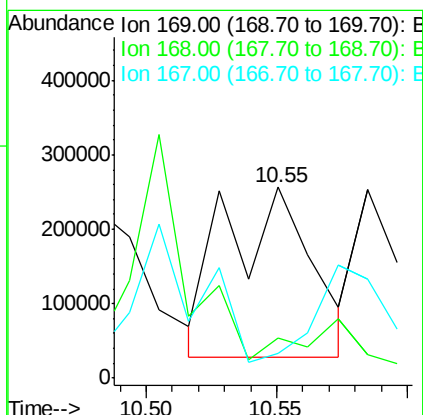
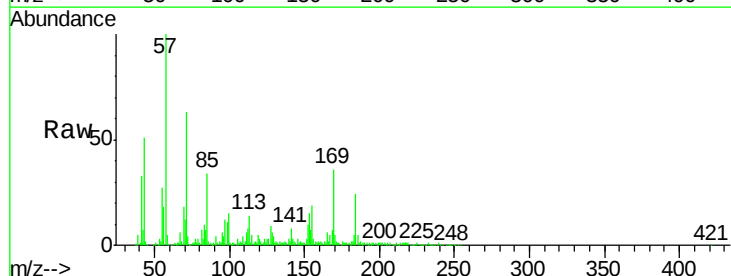
Instrument :
 BNA_F
 ClientSampleId :
 B-929(0.3N)COMP

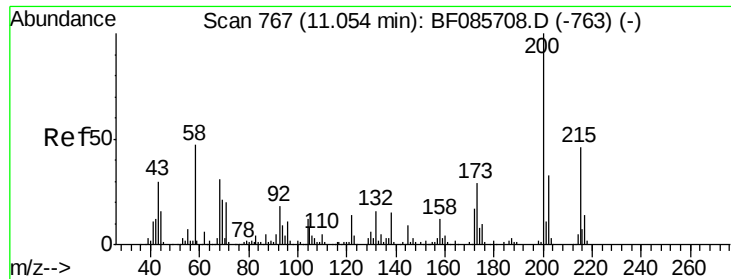
Tgt Ion:198 Resp: 4753
 Ion Ratio Lower Upper
 198 100
 51 241.0 45.4 85.4#
 105 616.2 45.9 85.9#



#65
 n-Nitrosodiphenylamine
 Concen: 74.30 ng
 RT: 10.55 min Scan# 723
 Delta R.T. 0.02 min
 Lab File: BF085819.D
 Acq: 28 Mar 2016 23:36

Tgt Ion:169 Resp: 520483
 Ion Ratio Lower Upper
 169 100
 168 20.9 54.4 81.6#
 167 12.7 29.4 44.0#

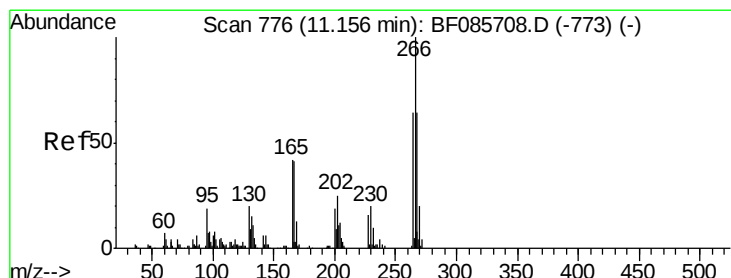
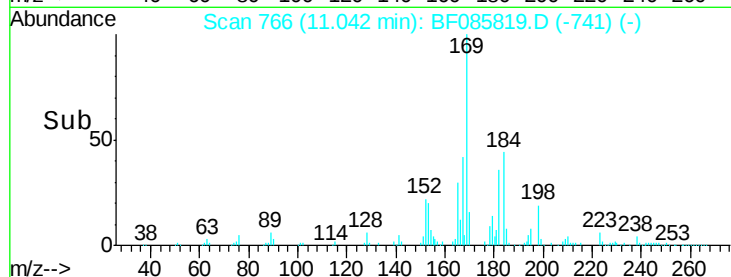
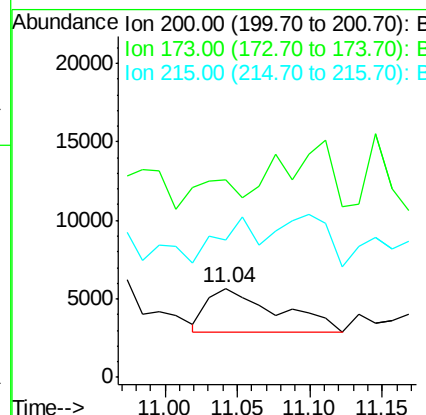
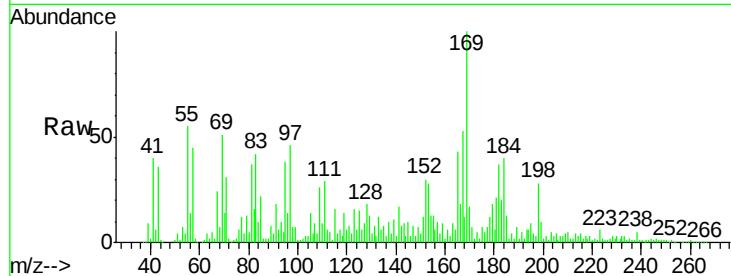




#68
Atrazine
Concen: 3.93 ng
RT: 11.04 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF085819.D
Acq: 28 Mar 2016 23:36

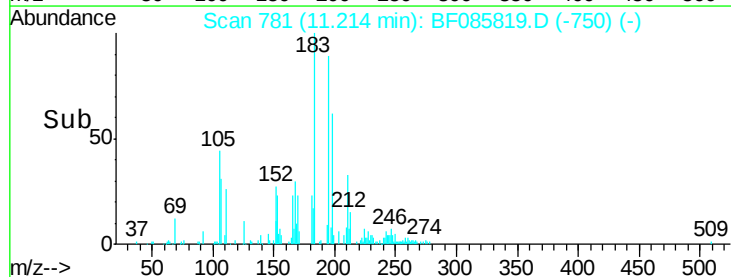
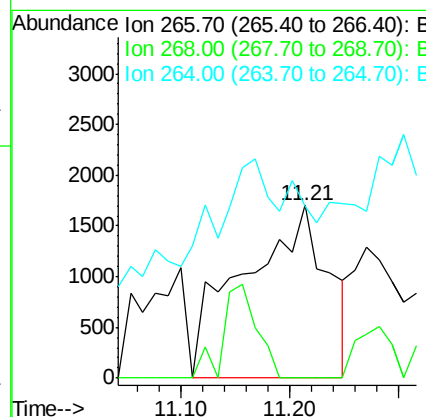
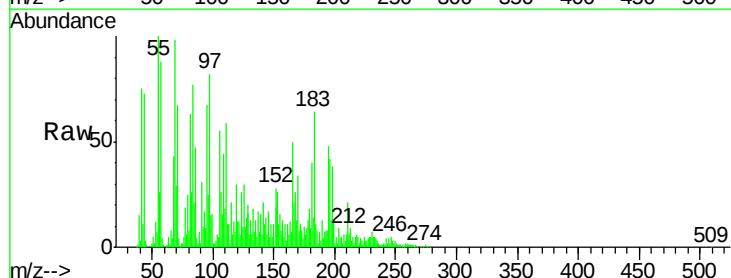
Instrument :
BNA_F
ClientSampleId :
B-929(0.3N)COMP

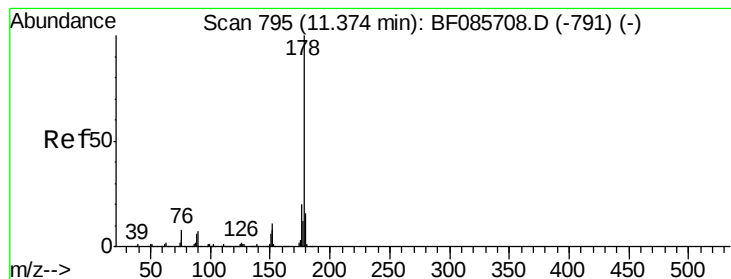
Tgt Ion:200 Resp: 9305
Ion Ratio Lower Upper
200 100
173 221.6 7.7 47.7#
215 153.8 25.4 65.4#



#69
Pentachlorophenol
Concen: 7.89 ng
RT: 11.21 min Scan# 781
Delta R.T. 0.06 min
Lab File: BF085819.D
Acq: 28 Mar 2016 23:36

Tgt Ion:266 Resp: 9164
Ion Ratio Lower Upper
266 100
268 0.0 51.5 77.3#
264 99.1 50.6 76.0#





#70

Phenanthrene

Concen: 63.47 ng

RT: 11.40 min Scan# 797

Delta R.T. 0.02 min

Lab File: BF085819.D

Acq: 28 Mar 2016 23:36

Instrument :

BNA_F

ClientSampleId :

B-929(0.3N)COMP

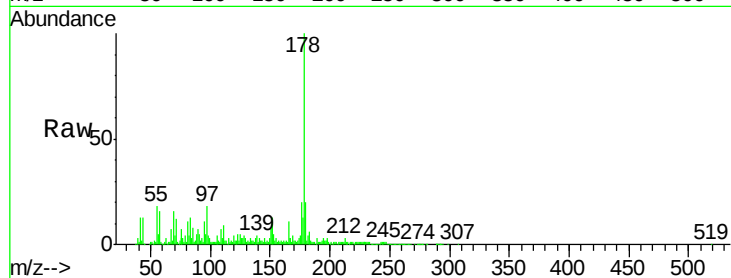
Tgt Ion:178 Resp: 720755

Ion Ratio Lower Upper

178 100

176 20.2 16.3 24.5

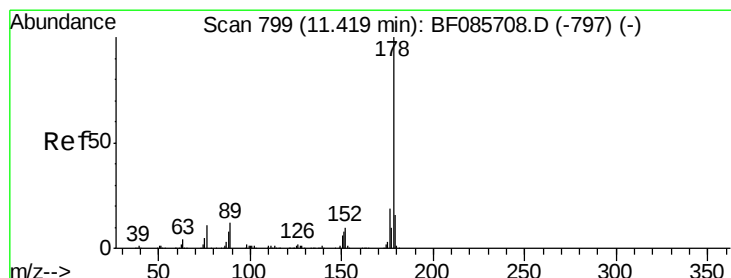
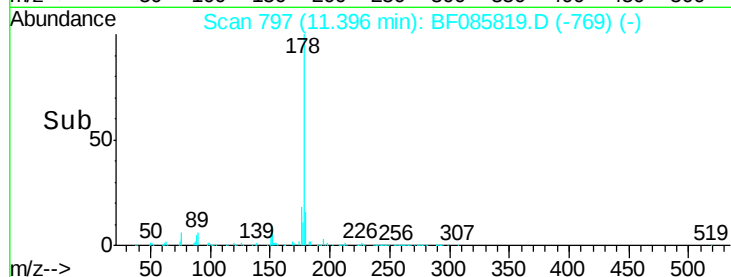
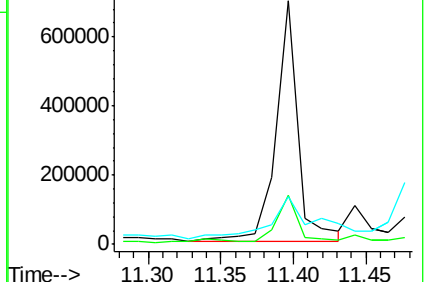
179 19.8 12.6 18.8#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 5.25 ng

RT: 11.44 min Scan# 801

Delta R.T. 0.02 min

Lab File: BF085819.D

Acq: 28 Mar 2016 23:36

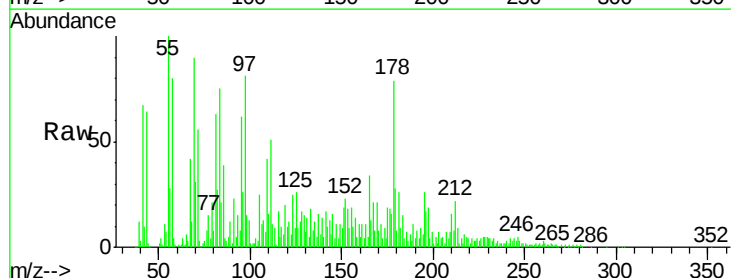
Tgt Ion:178 Resp: 62563

Ion Ratio Lower Upper

178 100

176 23.1 15.9 23.9

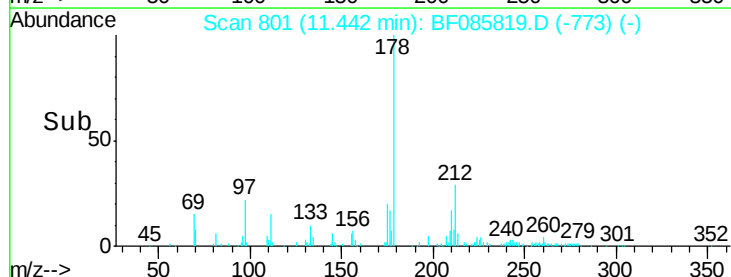
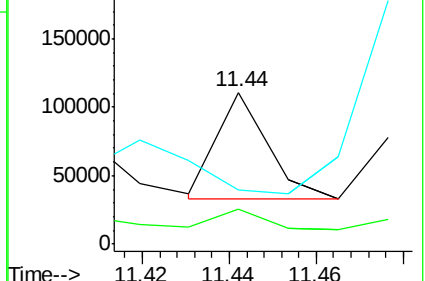
179 36.1 13.0 19.4#

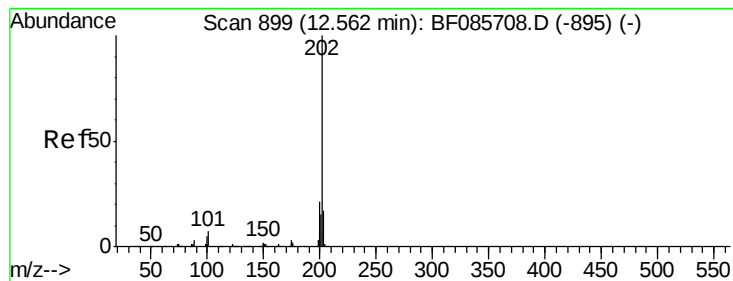


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 7.33 ng

RT: 12.56 min Scan# 899

Delta R.T. 0.00 min

Lab File: BF085819.D

Acq: 28 Mar 2016 23:36

Instrument :

BNA_F

ClientSampleId :

B-929(0.3N)COMP

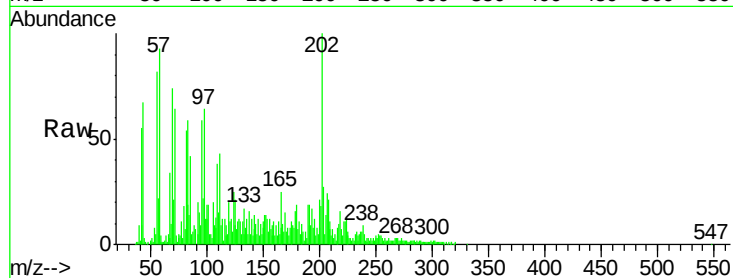
Tgt Ion:202 Resp: 88417

Ion Ratio Lower Upper

202 100

101 19.4 0.0 36.6

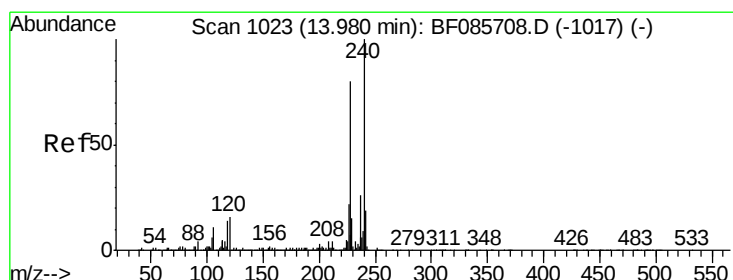
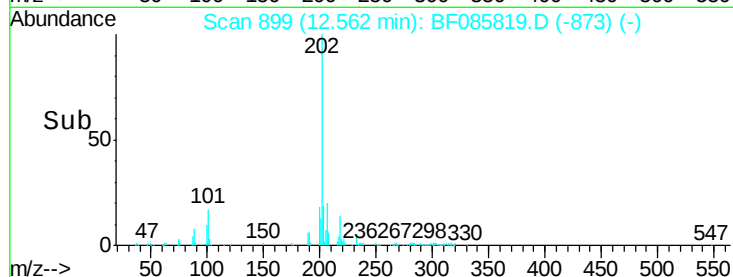
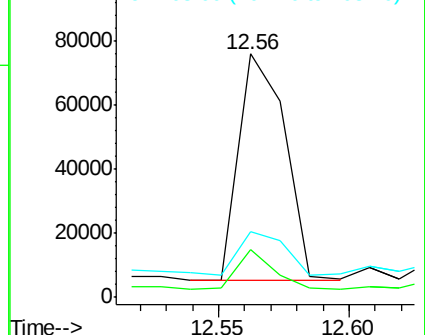
203 26.7 0.0 38.1



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: BF085819.D

Acq: 28 Mar 2016 23:36

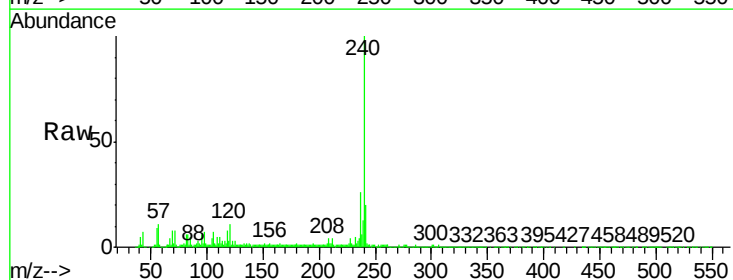
Tgt Ion:240 Resp: 197507

Ion Ratio Lower Upper

240 100

120 10.5 13.8 20.8#

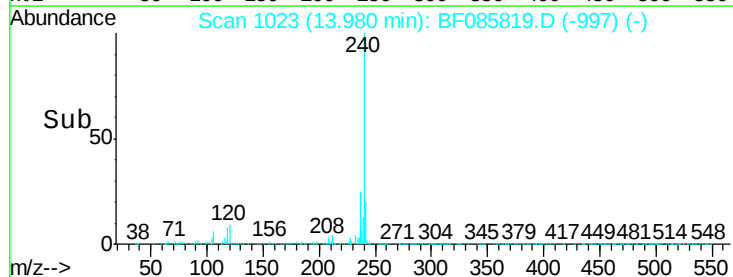
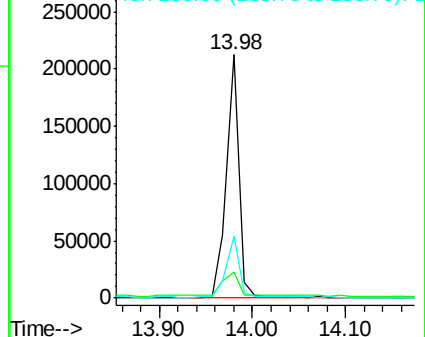
236 25.5 20.6 30.8

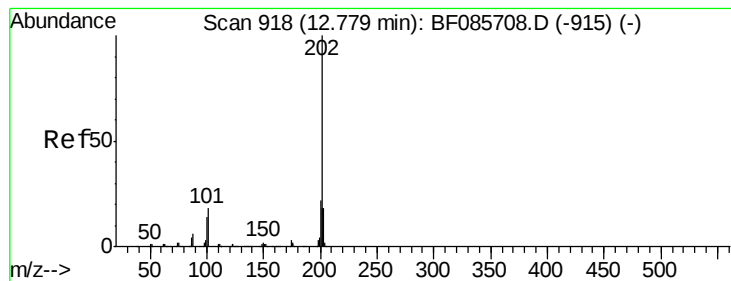


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 7.13 ng

RT: 12.79 min Scan# 919

Delta R.T. 0.01 min

Lab File: BF085819.D

Acq: 28 Mar 2016 23:36

Instrument :

BNA_F

ClientSampleId :

B-929(0.3N)COMP

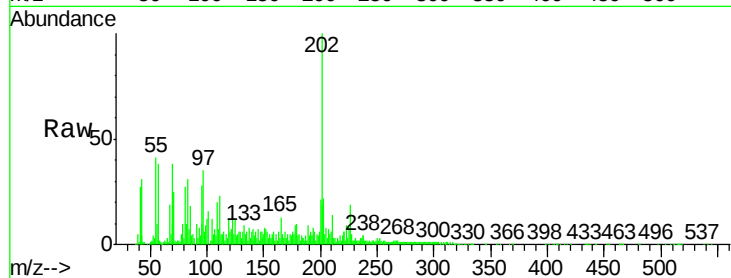
Tgt Ion:202 Resp: 115776

Ion Ratio Lower Upper

202 100

200 20.9 17.6 26.4

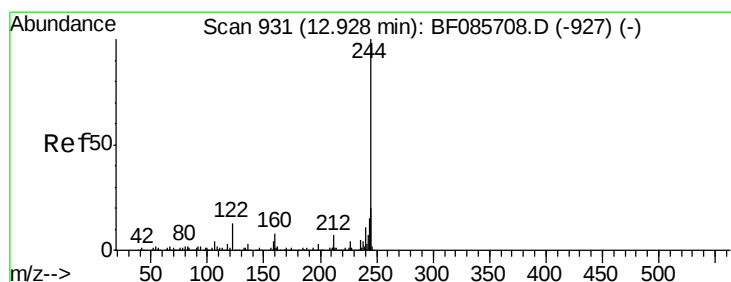
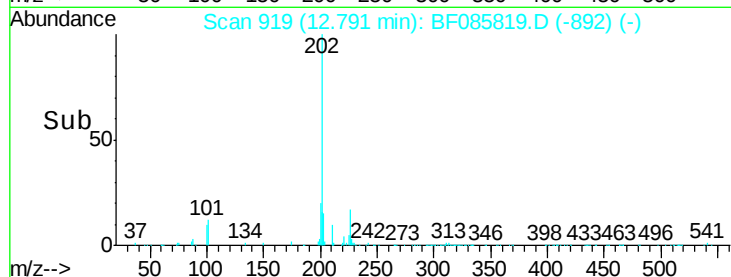
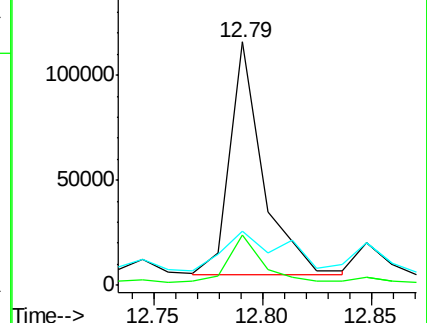
203 22.2 14.0 21.0#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 89.48 ng

RT: 12.94 min Scan# 932

Delta R.T. 0.01 min

Lab File: BF085819.D

Acq: 28 Mar 2016 23:36

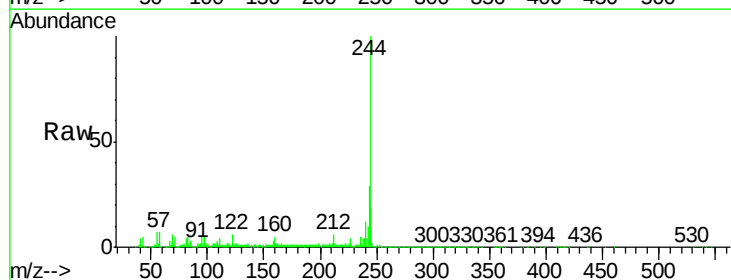
Tgt Ion:244 Resp: 859315

Ion Ratio Lower Upper

244 100

212 6.5 6.1 9.1

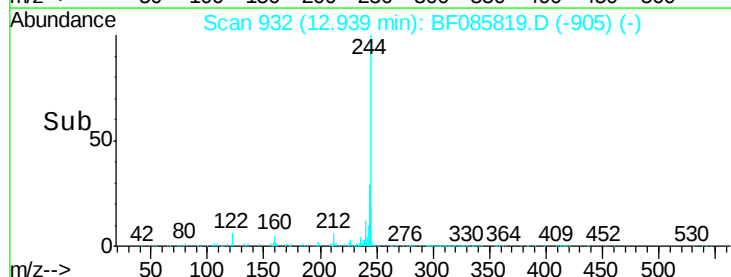
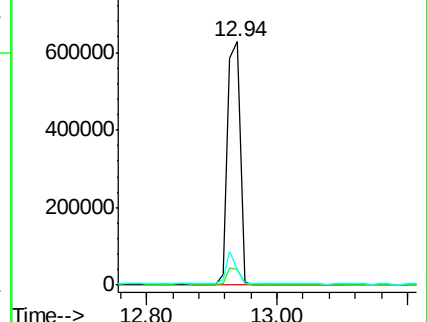
122 6.4 10.2 15.4#

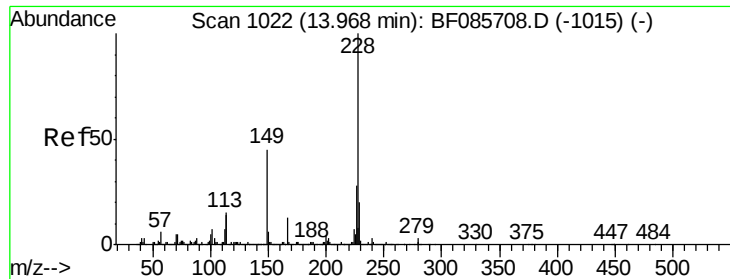


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 2.30 ng

RT: 13.97 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF085819.D

Acq: 28 Mar 2016 23:36

Instrument :

BNA_F

ClientSampleId :

B-929(0.3N)COMP

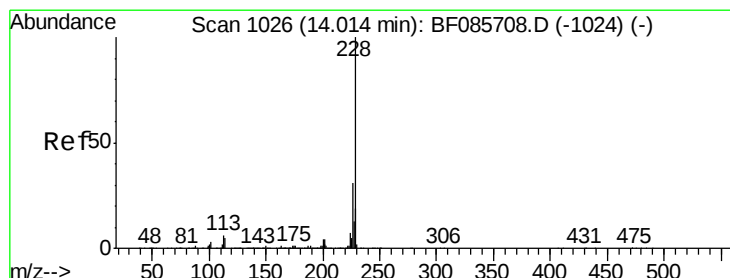
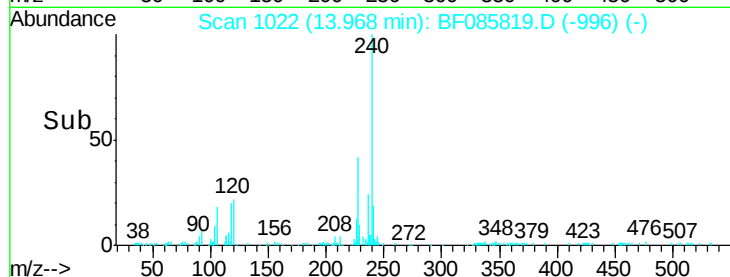
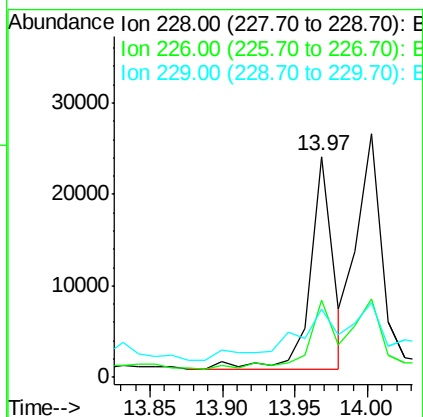
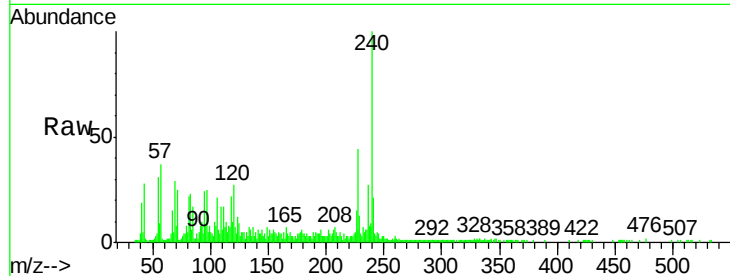
Tgt Ion:228 Resp: 25907

Ion Ratio Lower Upper

228 100

226 35.1 22.1 33.1#

229 30.6 16.2 24.4#



#82

Chrysene

Concen: 2.80 ng

RT: 14.00 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF085819.D

Acq: 28 Mar 2016 23:36

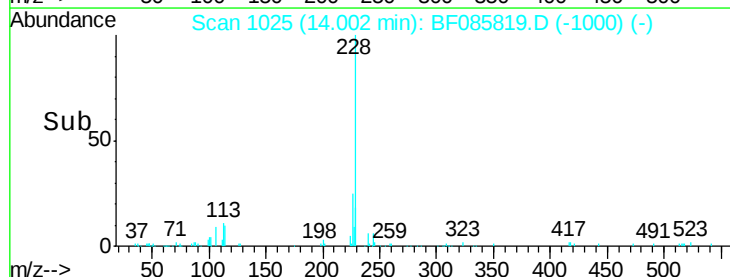
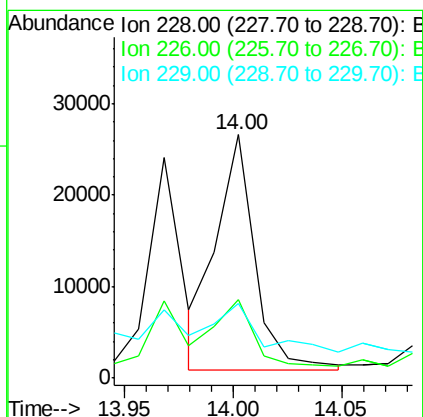
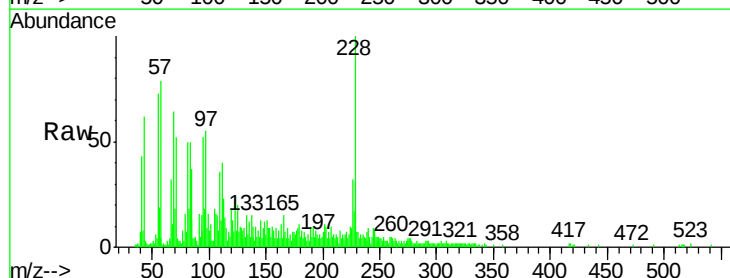
Tgt Ion:228 Resp: 31755

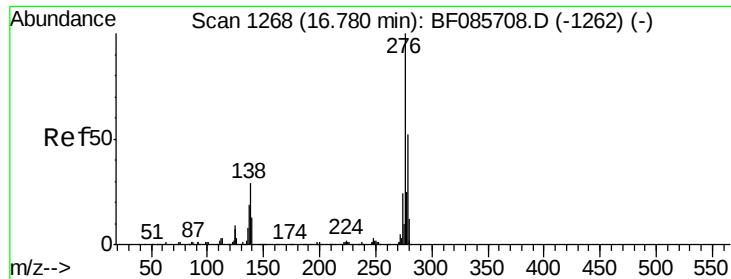
Ion Ratio Lower Upper

228 100

226 32.3 25.0 37.6

229 30.6 15.7 23.5#

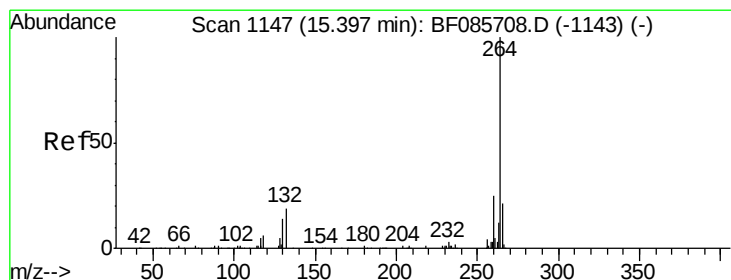
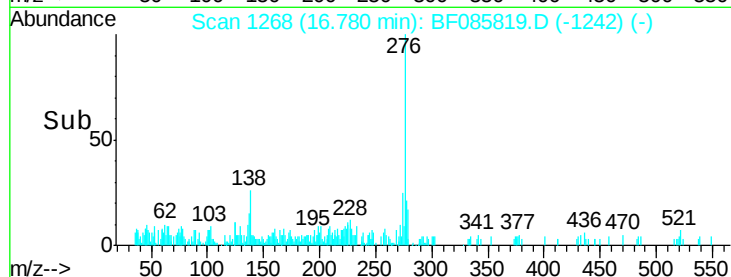
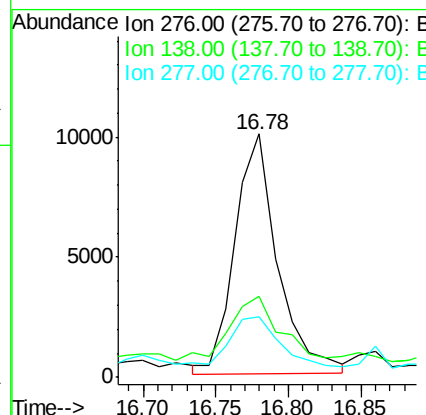
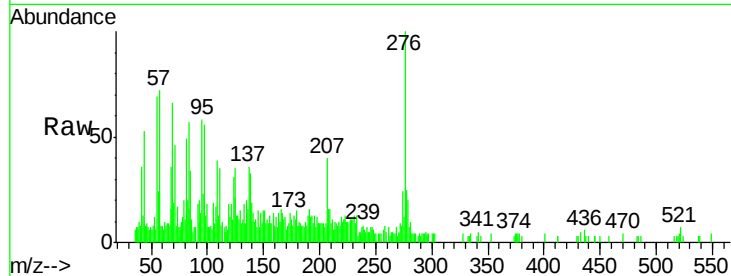




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.33 ng
 RT: 16.78 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: BF085819.D
 Acq: 28 Mar 2016 23:36

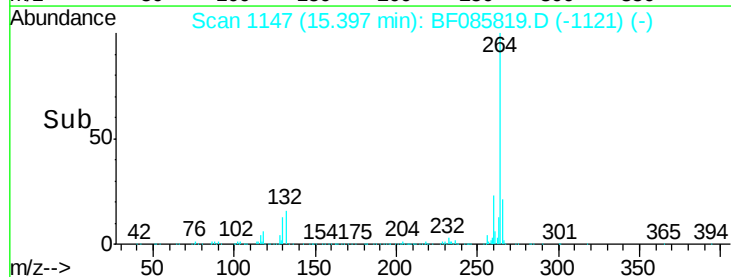
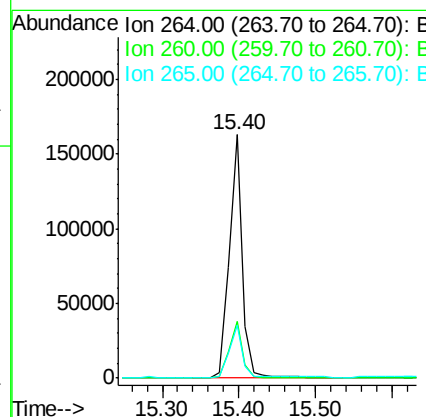
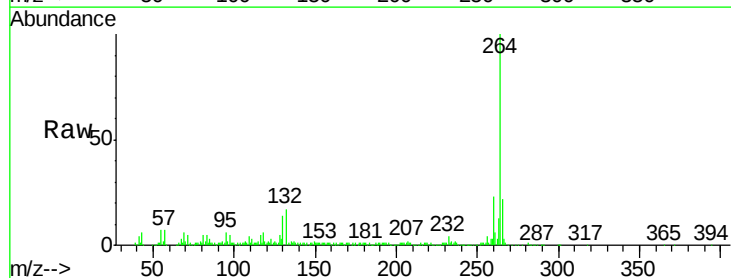
Instrument :
 BNA_F
 ClientSampleId :
 B-929(0.3N)COMP

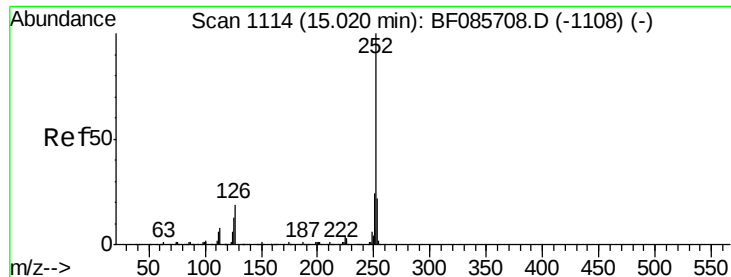
Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.0	24.2	36.4
277	24.6	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF085819.D
 Acq: 28 Mar 2016 23:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.6	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 4.00 ng

RT: 15.00 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BF085819.D

Acq: 28 Mar 2016 23:36

Instrument :

BNA_F

ClientSampleId :

B-929(0.3N)COMP

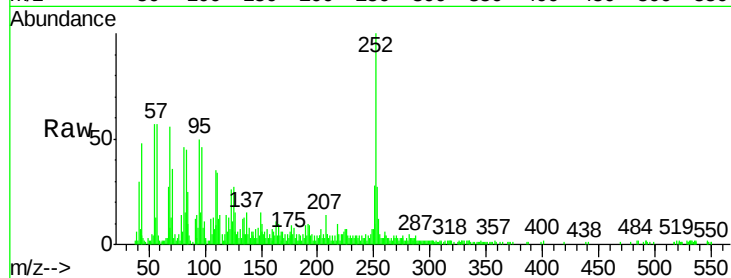
Tgt Ion:252 Resp: 49740

Ion Ratio Lower Upper

252 100

253 27.4 17.6 26.4#

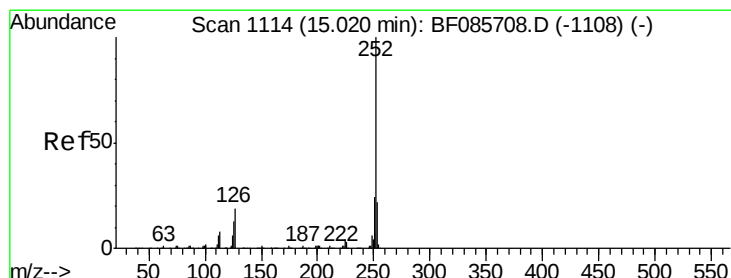
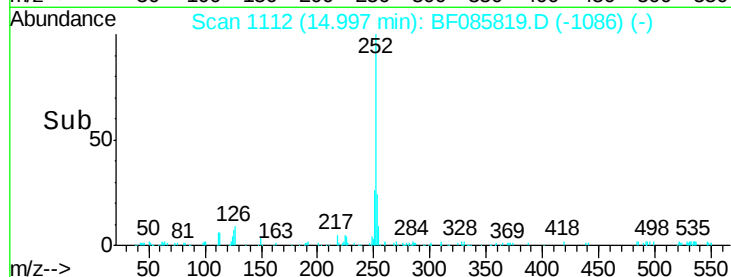
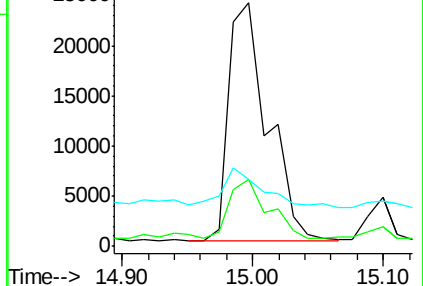
125 27.5 10.3 15.5#



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: 4.43 ng

RT: 15.00 min Scan# 1112

Delta R.T. -0.02 min

Lab File: BF085819.D

Acq: 28 Mar 2016 23:36

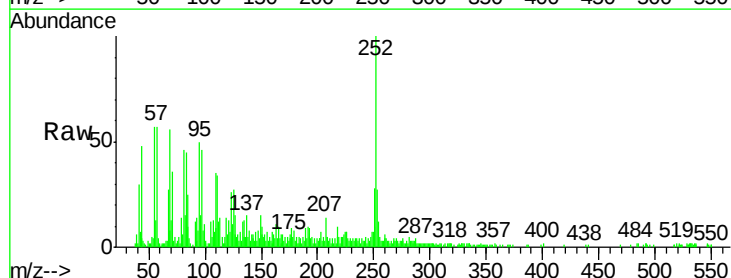
Tgt Ion:252 Resp: 49740

Ion Ratio Lower Upper

252 100

253 27.4 17.8 26.6#

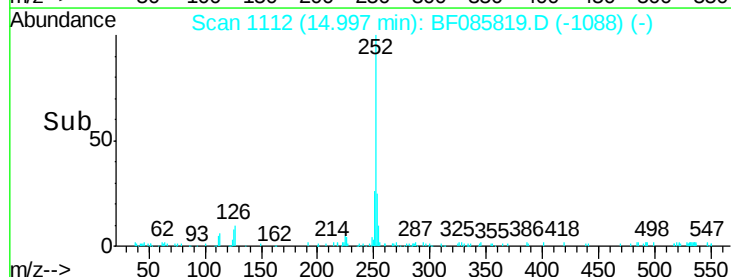
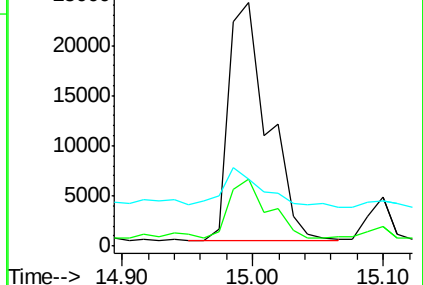
125 27.5 7.7 11.5#

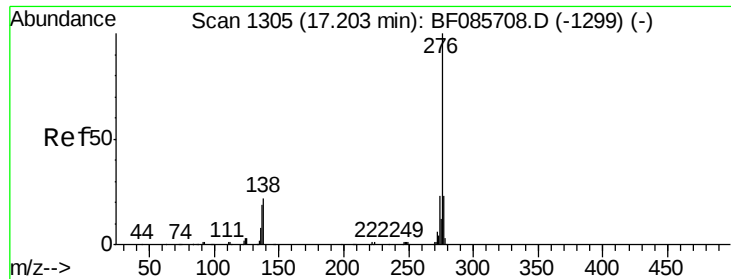


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(g,h,i)perylene

Concen: 2.00 ng

RT: 17.19 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF085819.D

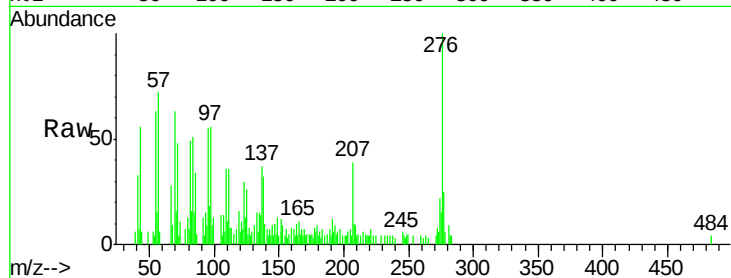
Acq: 28 Mar 2016 23:36

Instrument :

BNA_F

ClientSampleId :

B-929(0.3N)COMP



Tgt Ion:	276	Resp:	20787
Ion	Ratio	Lower	Upper
276	100		
277	25.2	18.8	28.2
138	31.9	22.6	34.0

