

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082416\
 Data File : BF089899.D
 Acq On : 25 Aug 2016 3:46
 Operator : UM/SJ
 Sample : H4576-08
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-21B-GW

Quant Time: Aug 25 12:26:24 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	400223	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	943380	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	356211	20.00	ng	0.02
63) Phenanthrene-d10	11.22	188	783247	20.00	ng	0.03
75) Chrysene-d12	13.84	240	877736	20.00	ng	-0.03
86) Perylene-d12	15.28	264	888320	20.00	ng	-0.09

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.24	112	1656464	70.98	ng	-0.01
7) Phenol-d6	6.31	99	1373184	47.93	ng	-0.01
23) Nitrobenzene-d5	7.24	82	2149449	141.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	494146	145.97	ng	0.03
44) 2-Fluorobiphenyl	9.06	172	2446901	120.73	ng	0.01
78) Terphenyl-d14	12.80	244	2314422	59.65	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.19	77	295763	15.85	ng	# 1
15) Benzyl Alcohol	6.83	79	88724	4.67	ng	# 49
18) Hexachloroethane	7.19	117	349991	32.72	ng	# 1
19) n-Nitroso-di-n-propylamine	7.10	70	377518	20.60	ng	# 78
22) Acetophenone	7.08	105	1760700	81.28	ng	# 48
24) Nitrobenzene	7.23	77	365668	21.46	ng	# 32
25) Isophorone	7.50	82	455009	14.86	ng	# 1
26) 2-Nitrophenol	7.54	139	17613	2.07	ng	# 1
27) 2,4-Dimethylphenol	7.62	122	70812	4.62	ng	# 1
28) bis(2-Chloroethoxy)methane	7.74	93	104347	5.51	ng	# 1
29) 2,4-Dichlorophenol	7.83	162	63613	4.95	ng	# 2
30) 1,2,4-Trichlorobenzene	7.87	180	33466	2.35	ng	# 78
31) Naphthalene	8.00	128	4735822	107.41	ng	# 95
32) Benzoic acid	7.77	122	52704	4.41	ng	# 19
33) 4-Chloroaniline	8.00	127	956283	50.04	ng	# 38
35) Caprolactam	8.43	113	570600	145.76	ng	# 45
36) 4-Chloro-3-methylphenol	8.50	107	161564	11.60	ng	# 1
37) 2-Methylnaphthalene	8.71	142	6337344	222.18	ng	# 92
42) 2,4,6-Trichlorophenol	8.99	196	28521	3.93	ng	# 15
45) 1,1'-Biphenyl	9.16	154	1629740	59.12	ng	# 94
47) 2-Nitroaniline	9.34	65	15580	2.51	ng	# 56
48) Acenaphthylene	9.61	152	277498	8.47	ng	# 1
49) Dimethylphthalate	9.46	163	178120	7.10	ng	# 57
50) 2,6-Dinitrotoluene	9.59	165	148440	25.63	ng	# 77
51) Acenaphthene	9.77	154	711813	32.85	ng	# 90
52) 3-Nitroaniline	9.72	138	43156	6.73	ng	# 52
53) 2,4-Dinitrophenol	9.80	184	6037	4.99	ng	# 1
54) Dibenzofuran	9.94	168	409964	15.06	ng	# 46
55) 4-Nitrophenol	9.86	139	402530	76.87	ng	# 66
56) 2,4-Dinitrotoluene	9.95	165	123938	16.50	ng	# 60
57) Fluorene	10.30	166	1648017	75.98	ng	# 92
60) 4-Chlorophenyl-phenylether	10.24	204	36415	3.68	ng	# 1
61) 4-Nitroaniline	10.30	138	13183	2.19	ng	# 61
62) Azobenzene	10.44	77	172633	7.21	ng	# 1

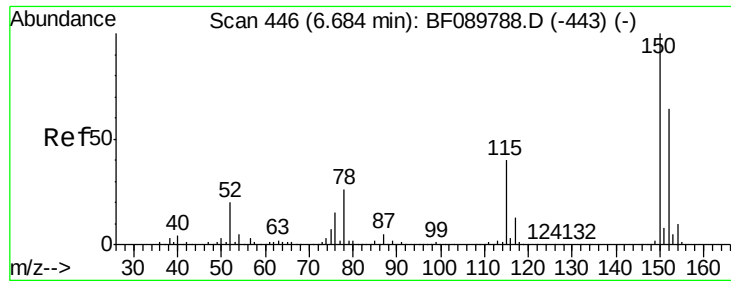
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082416\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
64) 4,6-Dinitro-2-methylphenol	10.31	198	18416	4.09	ng	# 1
65) n-Nitrosodiphenylamine	10.41	169	1856550	75.39	ng	# 53
68) Atrazine	10.96	200	147204	19.52	ng	# 60
70) Phenanthrene	11.24	178	3974732	100.48	ng	# 94
71) Anthracene	11.29	178	196048	4.88	ng	# 36
72) Carbazole	11.45	167	382651	10.61	ng	# 43
74) Fluoranthene	12.42	202	238883	6.35	ng	# 68
77) Pyrene	12.64	202	1439687	20.14	ng	# 86
80) Benzo(a)anthracene	13.86	228	129548	2.58	ng	# 44
82) Chrysene	13.86	228	129548	3.01	ng	# 50

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF089899.D

Acq: 25 Aug 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SB-21B-GW

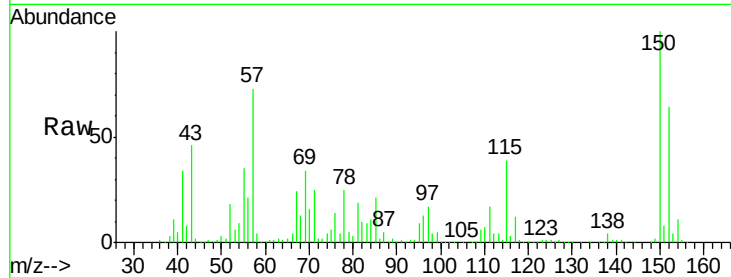
Tgt Ion:152 Resp: 400223

Ion Ratio Lower Upper

152 100

150 156.9 125.3 187.9

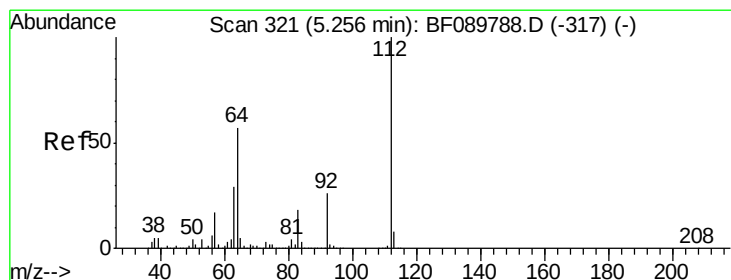
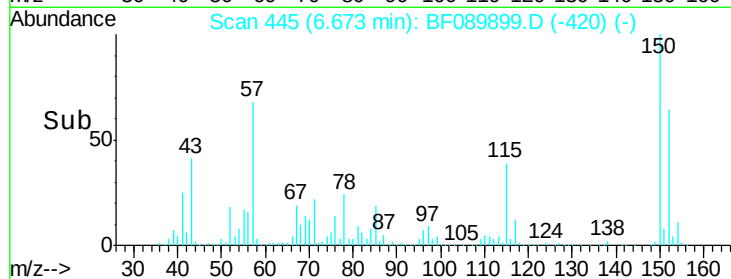
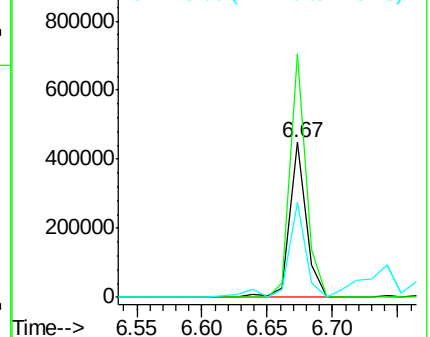
115 61.0 40.9 61.3



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: 70.98 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.01 min

Lab File: BF089899.D

Acq: 25 Aug 2016 3:46

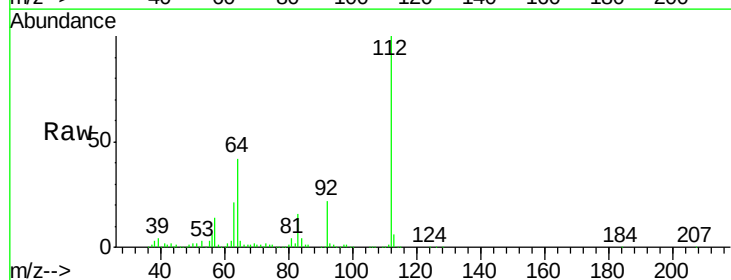
Tgt Ion:112 Resp: 1656464

Ion Ratio Lower Upper

112 100

64 42.4 45.0 67.4#

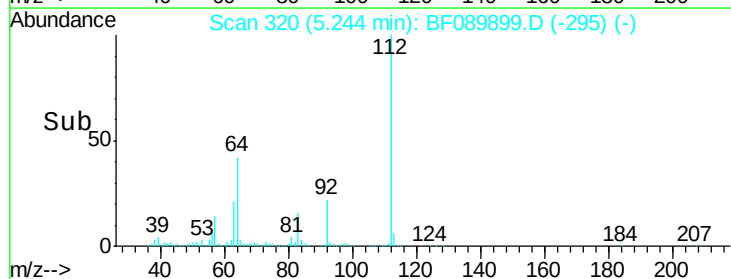
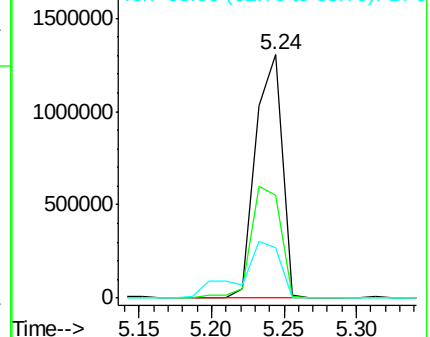
63 20.6 23.1 34.7#

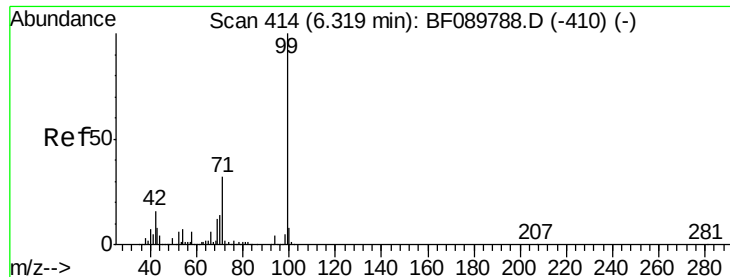


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 47.93 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089899.D

Acq: 25 Aug 2016 3:46

Instrument :

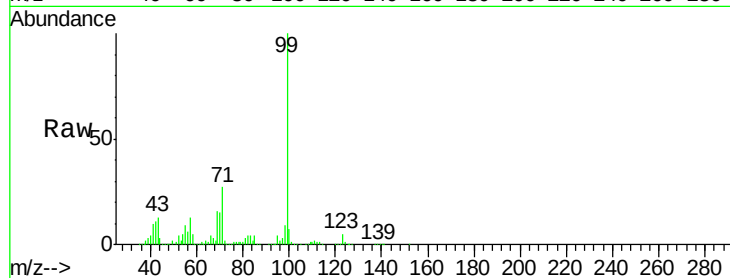
BNA_F

ClientSampled :

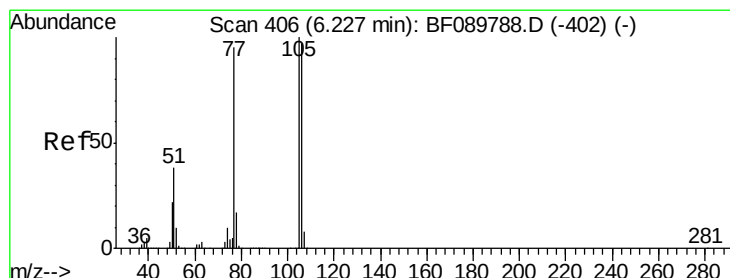
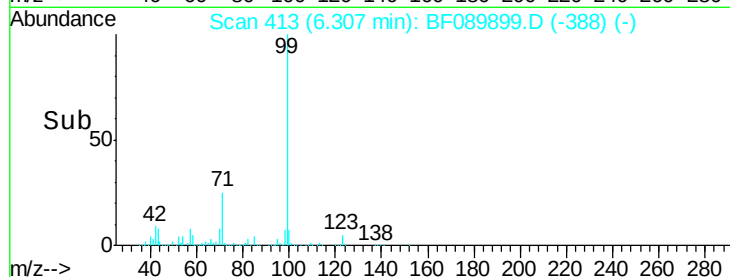
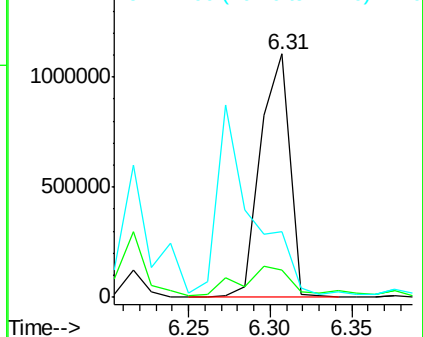
SB-21B-GW

Tgt Ion: 99 Resp: 1373184

Ion	Ratio	Lower	Upper
99	100		
42	11.1	12.2	18.4#
71	26.9	23.8	35.8



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 15.85 ng

RT: 6.19 min Scan# 403

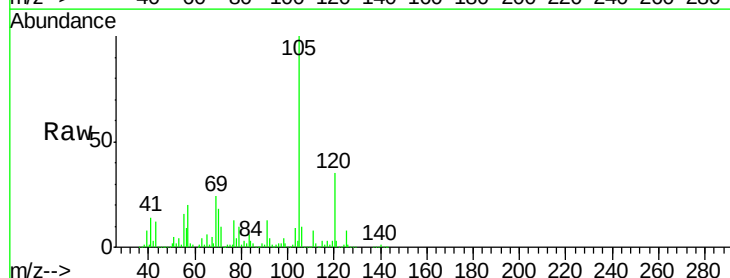
Delta R.T. -0.03 min

Lab File: BF089899.D

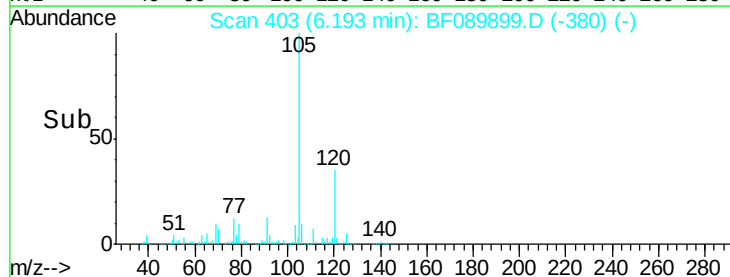
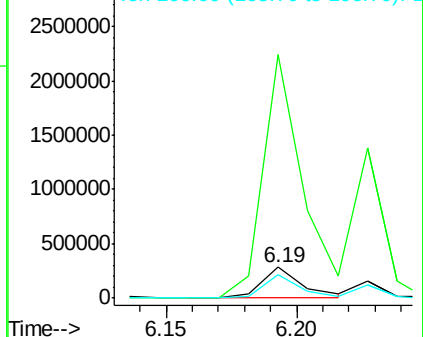
Acq: 25 Aug 2016 3:46

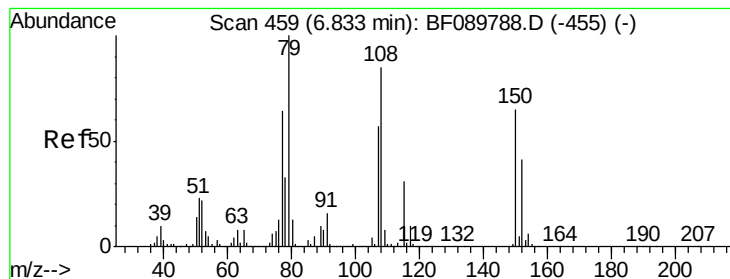
Tgt Ion: 77 Resp: 295763

Ion	Ratio	Lower	Upper
77	100		
105	790.6	73.3	113.3#
106	76.9	68.6	108.6



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 4.67 ng

RT: 6.83 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF089899.D

Acq: 25 Aug 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SB-21B-GW

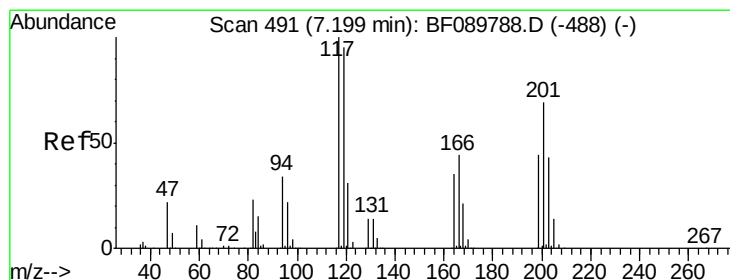
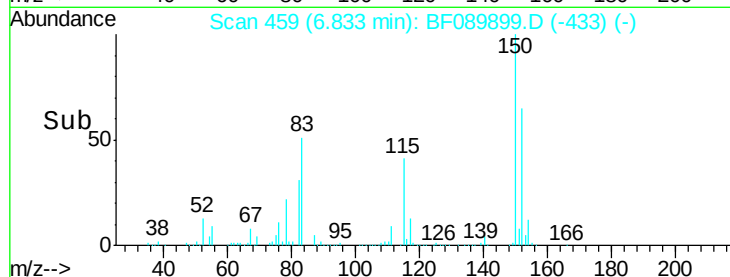
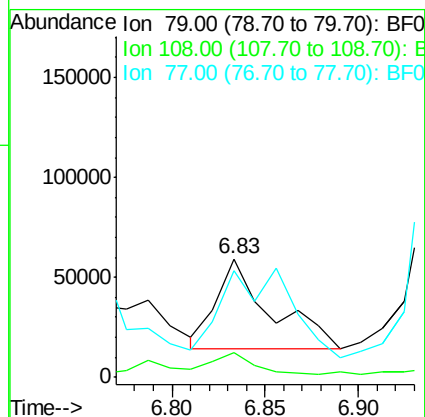
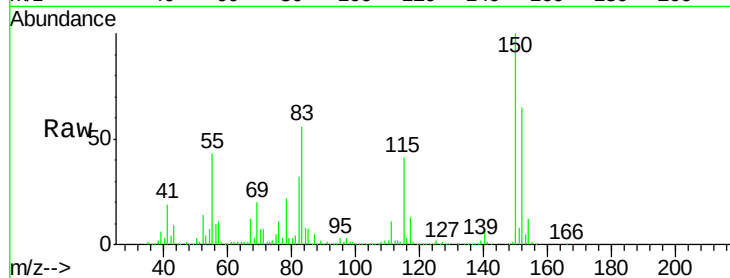
Tgt Ion: 79 Resp: 88724

Ion Ratio Lower Upper

79 100

108 20.5 62.5 93.7#

77 89.4 51.5 77.3#



#18

Hexachloroethane

Concen: 32.72 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF089899.D

Acq: 25 Aug 2016 3:46

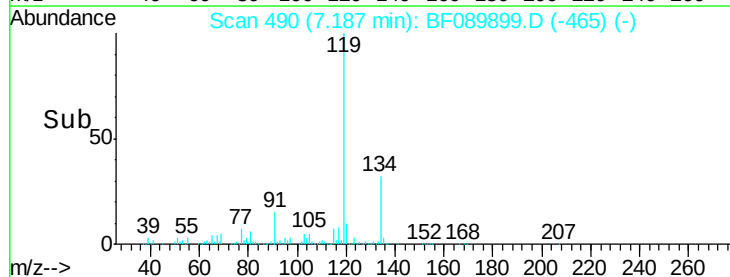
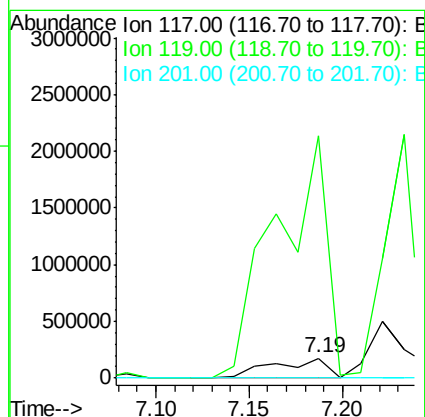
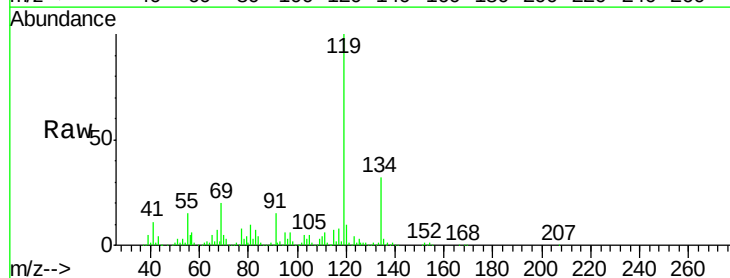
Tgt Ion: 117 Resp: 349991

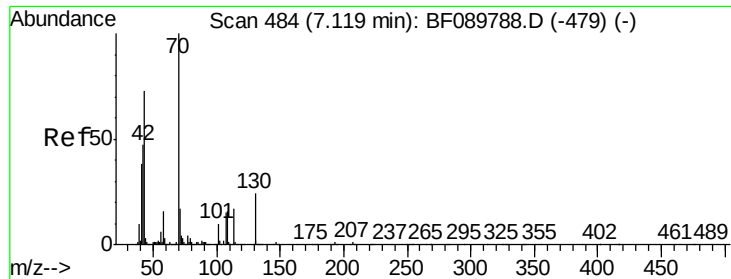
Ion Ratio Lower Upper

117 100

119 1215.7 77.1 115.7#

201 0.0 76.9 115.3#

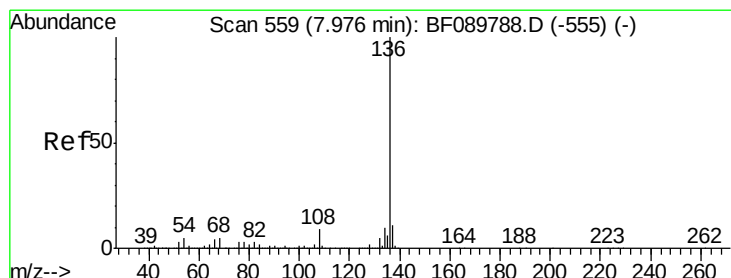
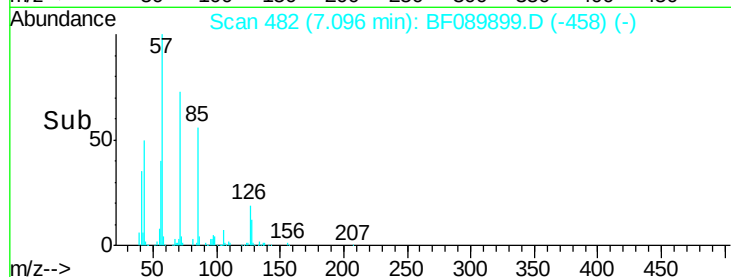
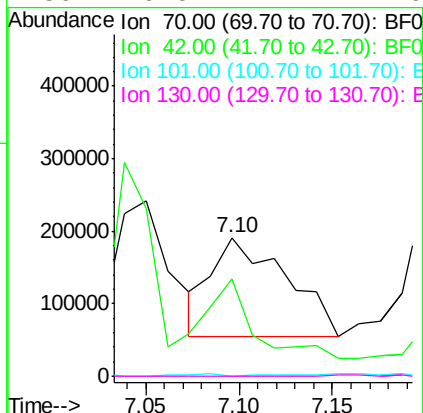
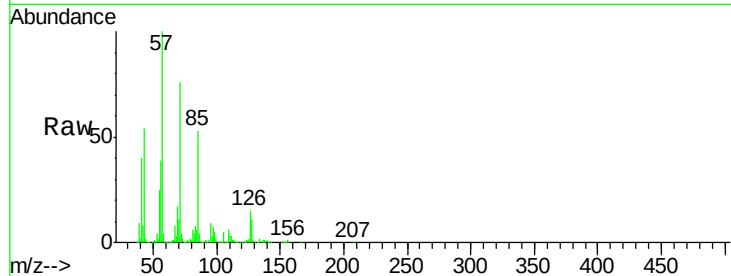




#19
n-Nitroso-di-n-propylamine
Concen: 20.60 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.02 min
Lab File: BF089899.D
Acq: 25 Aug 2016 3:46

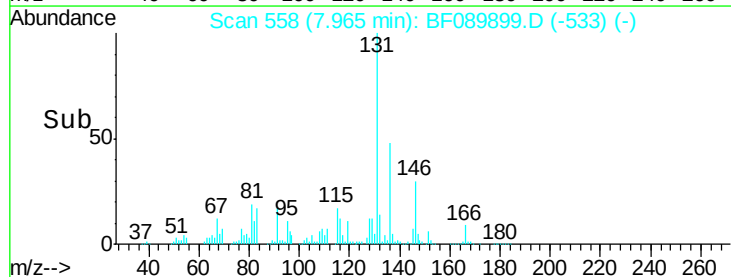
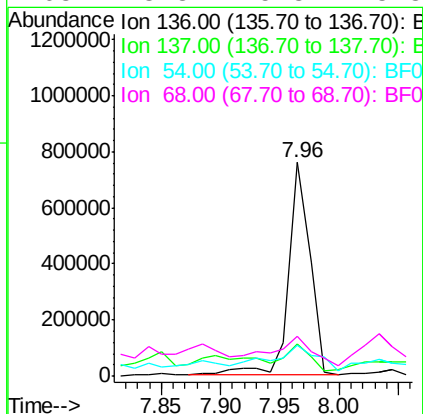
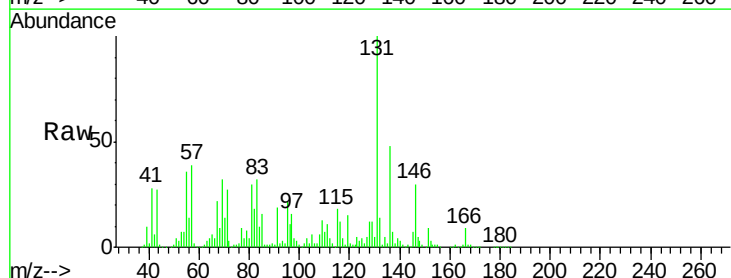
Instrument :
BNA_F
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SB-21B-GW

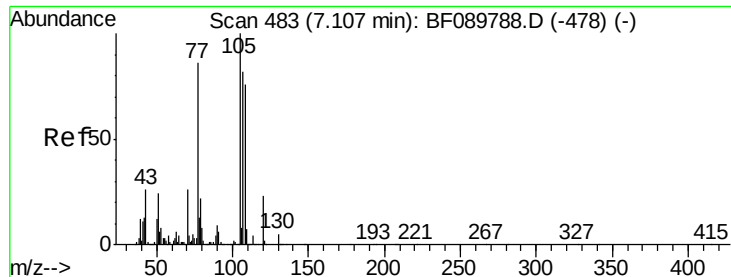
Tgt Ion:	70	Resp:	377518
Ion	Ratio	Lower	Upper
70	100		
42	70.1	46.3	69.5#
101	0.4	7.0	10.6#
130	0.0	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF089899.D
Acq: 25 Aug 2016 3:46

Tgt Ion:	136	Resp:	943380
Ion	Ratio	Lower	Upper
136	100		
137	15.2	9.2	13.8#
54	14.3	7.2	10.8#
68	18.3	5.8	8.8#





#22

Acetophenone

Concen: 81.28 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.02 min

Lab File: BF089899.D

Acq: 25 Aug 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SB-21B-GW

Tgt Ion:105 Resp: 1760700

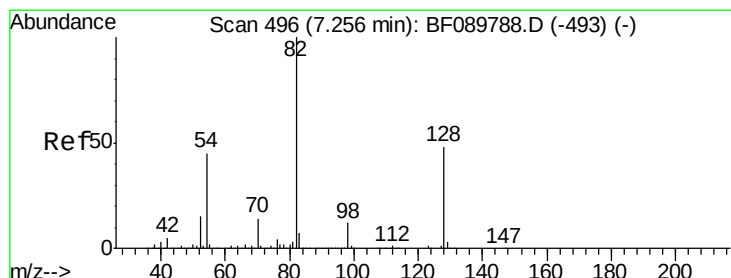
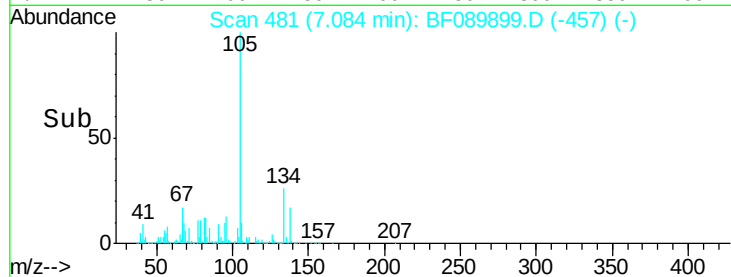
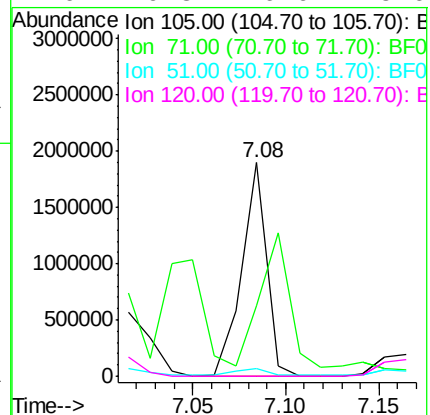
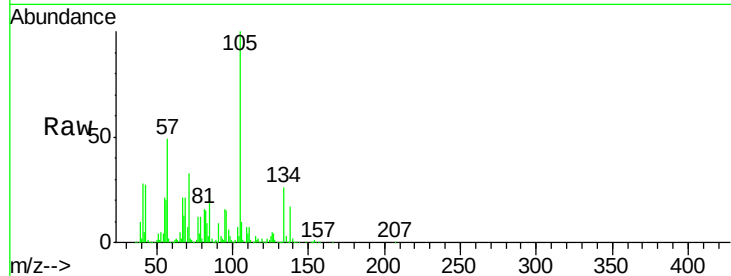
Ion Ratio Lower Upper

105 100

71 33.1 1.9 2.9#

51 3.5 28.5 42.7#

120 0.3 16.6 25.0#



#23

Nitrobenzene-d5

Concen: 141.55 ng

RT: 7.24 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF089899.D

Acq: 25 Aug 2016 3:46

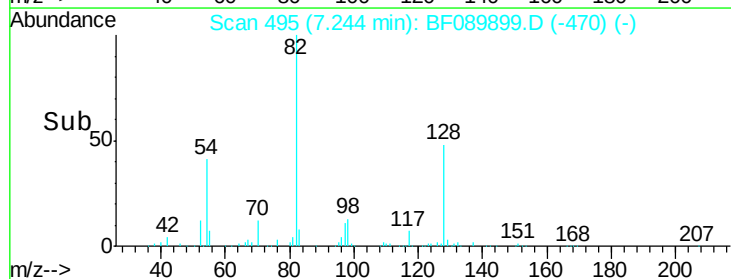
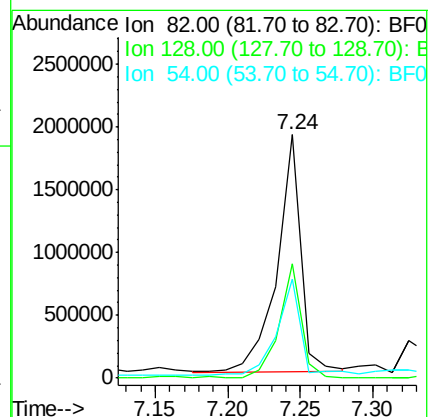
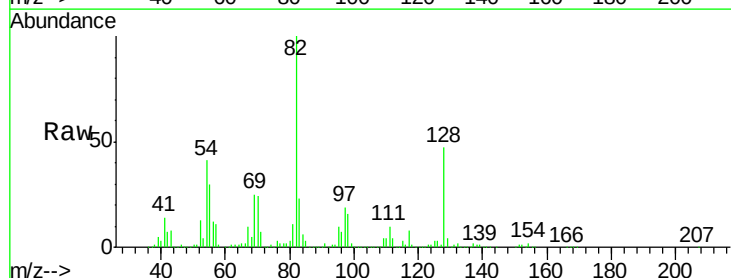
Tgt Ion: 82 Resp: 2149449

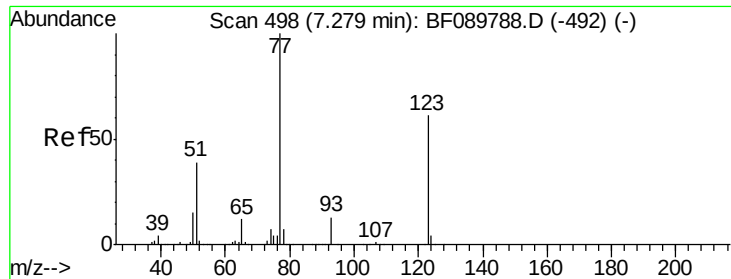
Ion Ratio Lower Upper

82 100

128 47.1 34.4 51.6

54 40.7 40.3 60.5

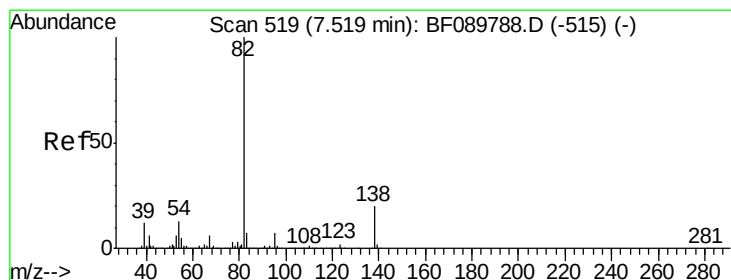
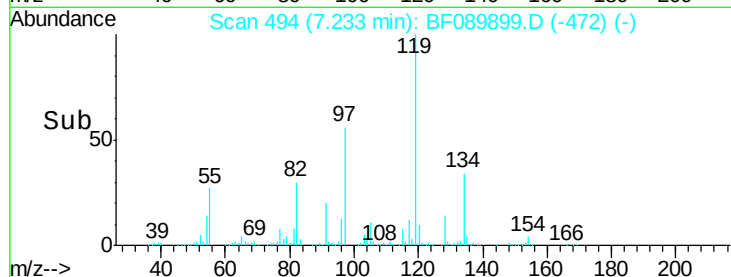
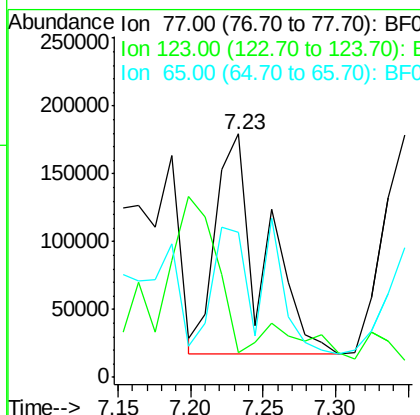
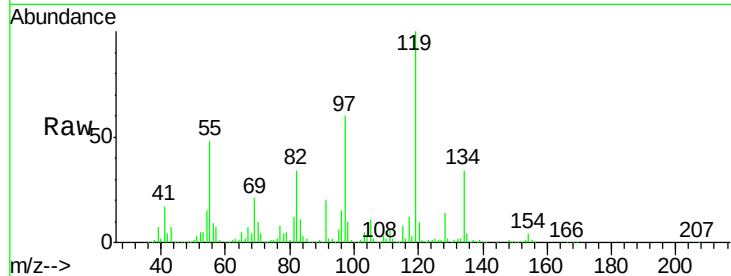




#24
 Nitrobenzene
 Concen: 21.46 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.05 min
 Lab File: BF089899.D
 Acq: 25 Aug 2016 3:46

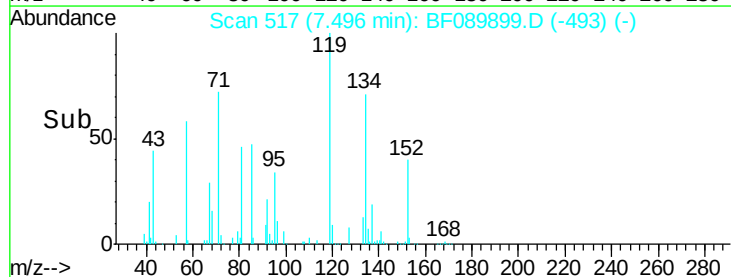
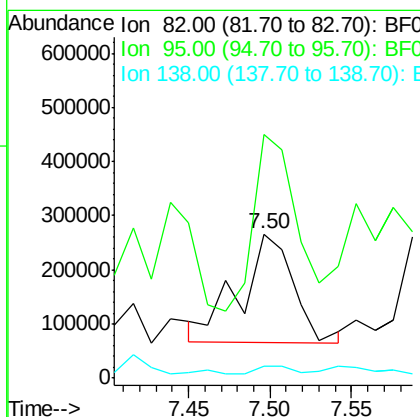
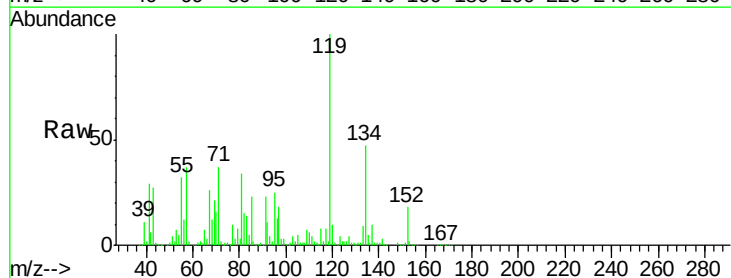
Instrument :
 BNA_F
 ClientSampleId :
 SB-21B-GW

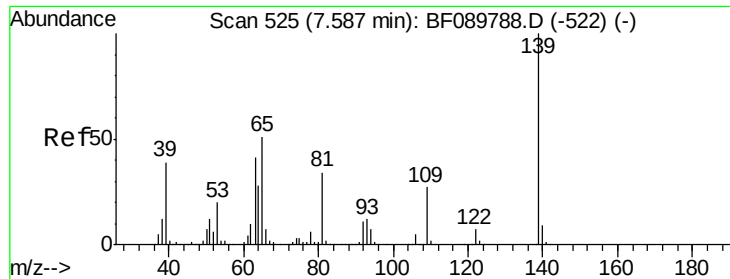
Tgt Ion	Ratio	Lower	Upper
77	100		
123	10.2	36.2	54.2#
65	59.7	10.6	15.8#



#25
 Isophorone
 Concen: 14.86 ng
 RT: 7.50 min Scan# 517
 Delta R.T. -0.02 min
 Lab File: BF089899.D
 Acq: 25 Aug 2016 3:46

Tgt Ion	Ratio	Lower	Upper
82	100		
95	169.1	5.3	7.9#
138	8.6	13.0	19.4#

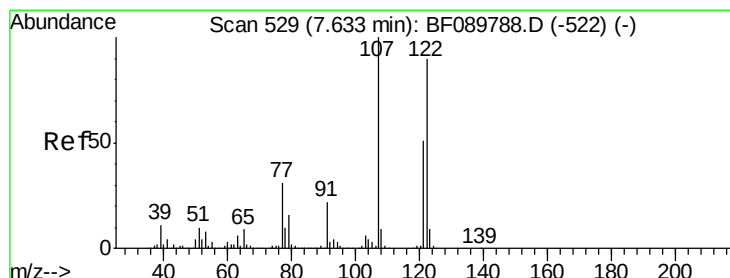
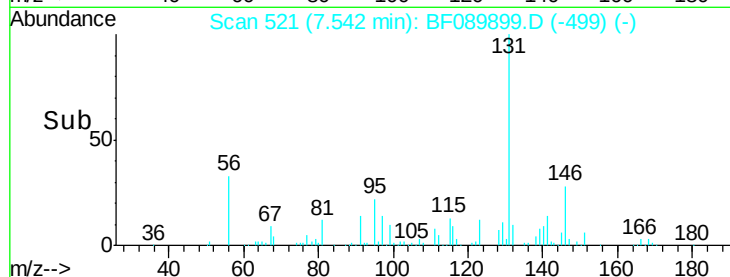
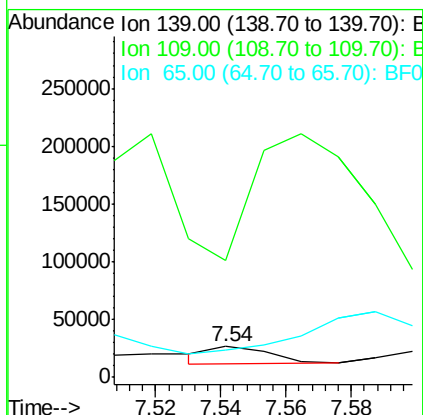
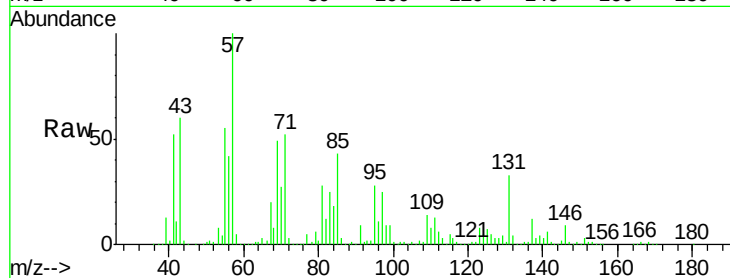




#26
 2-Nitrophenol
 Concen: 2.07 ng
 RT: 7.54 min Scan# 521
 Delta R.T. -0.05 min
 Lab File: BF089899.D
 Acq: 25 Aug 2016 3:46

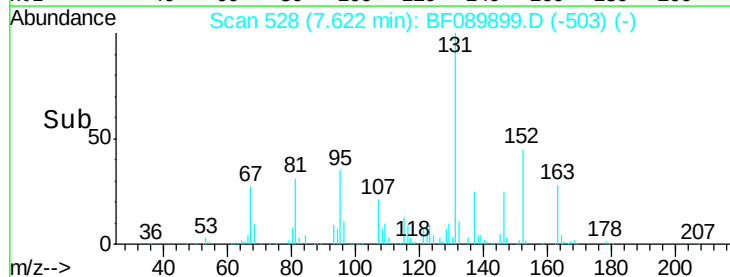
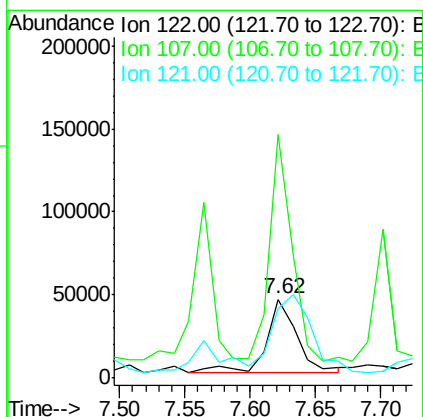
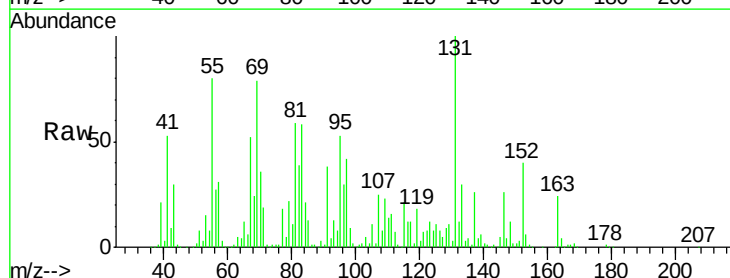
Instrument :
 BNA_F
 ClientSampled :
 SB-21B-GW

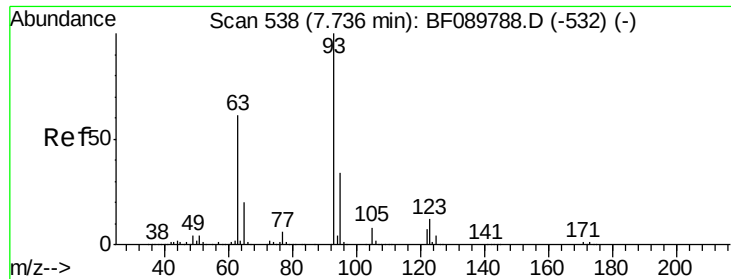
Tgt Ion	Ratio	Lower	Upper
139	100		
109	382.4	19.5	29.3#
65	90.8	26.5	39.7#



#27
 2,4-Dimethylphenol
 Concen: 4.62 ng
 RT: 7.62 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: BF089899.D
 Acq: 25 Aug 2016 3:46

Tgt Ion	Ratio	Lower	Upper
122	100		
107	310.1	84.8	127.2#
121	89.3	47.0	70.6#

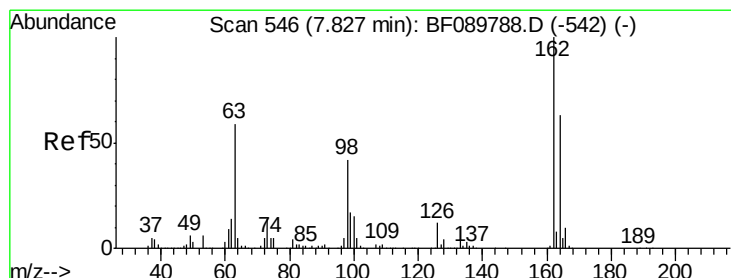
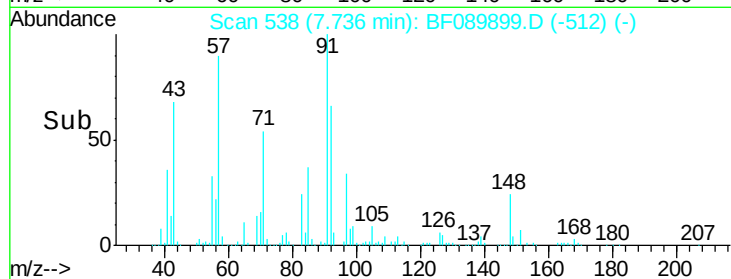
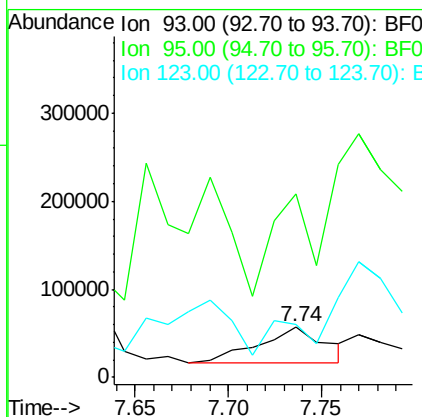
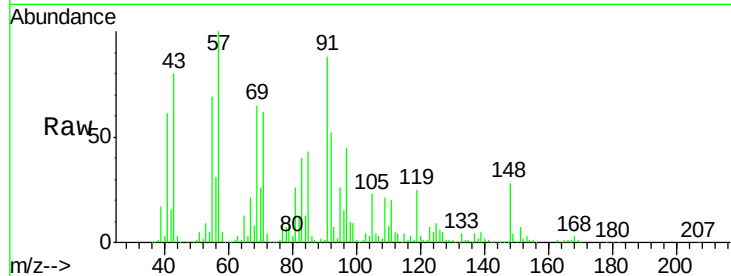




#28
bis(2-Chloroethoxy)methane
Concen: 5.51 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF089899.D
Acq: 25 Aug 2016 3:46

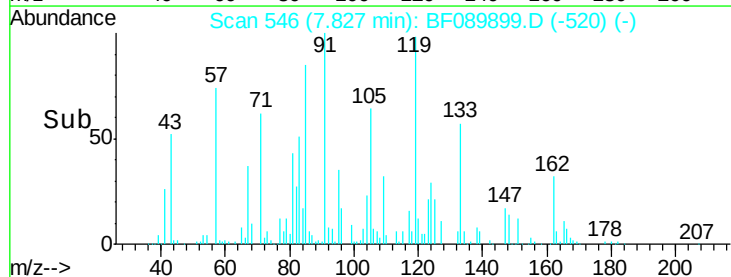
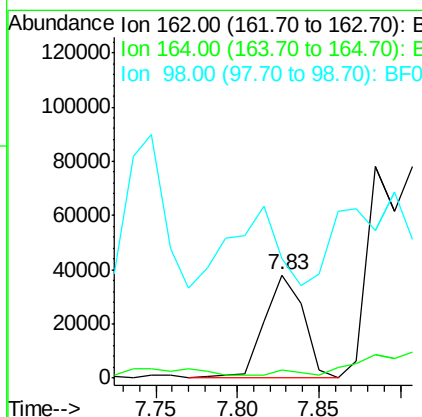
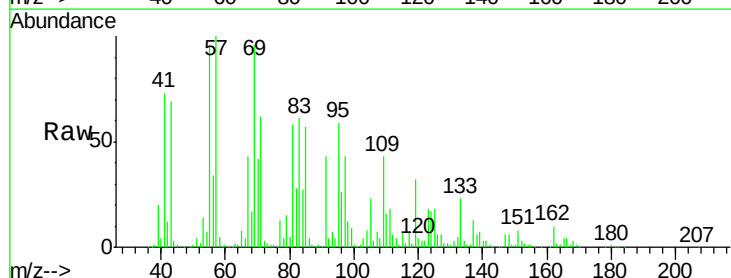
Instrument :
BNA_F
ClientSampleId :
SB-21B-GW

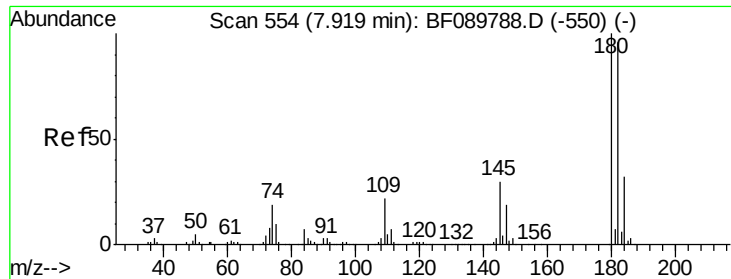
Tgt Ion: 93 Resp: 104347
Ion Ratio Lower Upper
93 100
95 361.4 25.5 38.3#
123 104.2 8.5 12.7#



#29
2,4-Dichlorophenol
Concen: 4.95 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF089899.D
Acq: 25 Aug 2016 3:46

Tgt Ion: 162 Resp: 63613
Ion Ratio Lower Upper
162 100
164 7.4 45.5 85.5#
98 116.1 12.4 52.4#

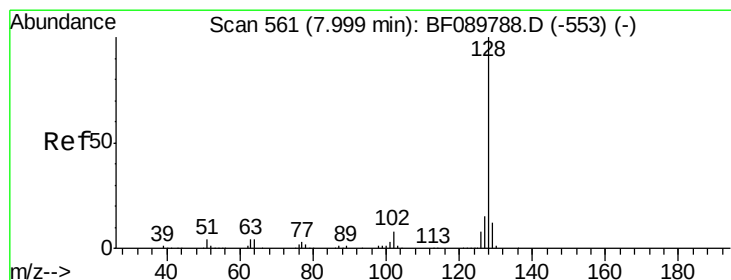
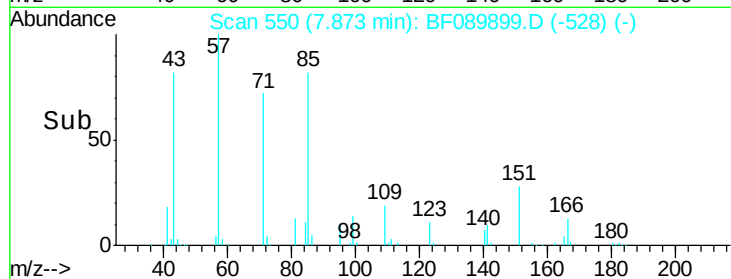
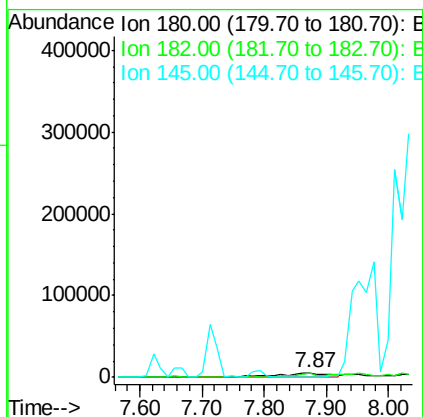
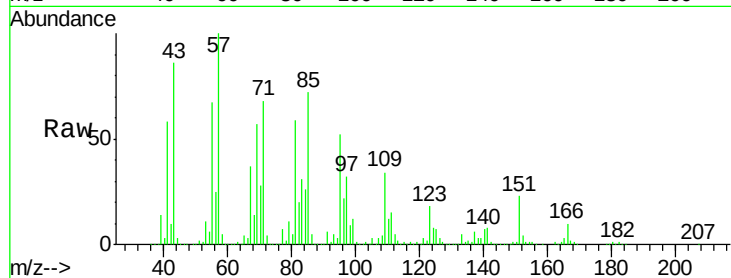




#30
 1,2,4-Trichlorobenzene
 Concen: 2.35 ng
 RT: 7.87 min Scan# 550
 Delta R.T. -0.05 min
 Lab File: BF089899.D
 Acq: 25 Aug 2016 3:46

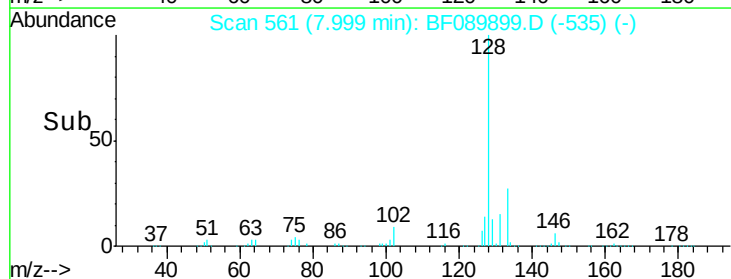
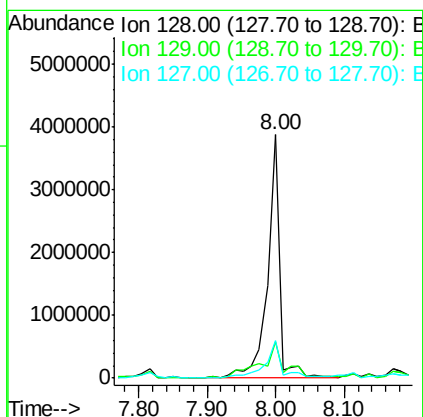
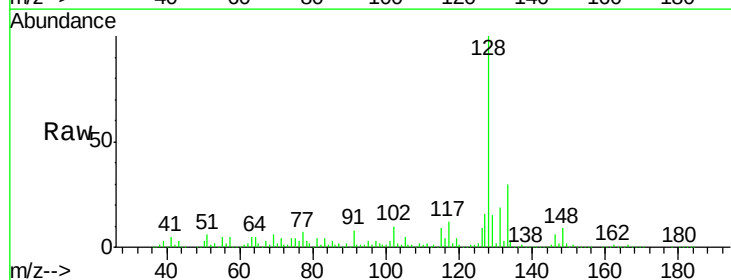
Instrument :
 BNA_F
 ClientSampleId :
 SB-21B-GW

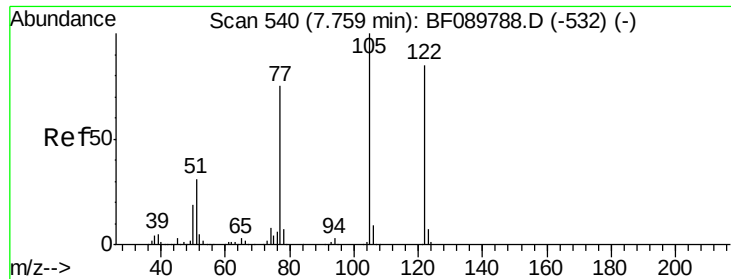
Tgt Ion:180 Resp: 33466
 Ion Ratio Lower Upper
 180 100
 182 83.1 75.5 113.3
 145 7.0 28.7 43.1#



#31
 Naphthalene
 Concen: 107.41 ng
 RT: 8.00 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: BF089899.D
 Acq: 25 Aug 2016 3:46

Tgt Ion:128 Resp: 4735822
 Ion Ratio Lower Upper
 128 100
 129 14.8 9.5 14.3#
 127 15.6 11.3 16.9





#32

Benzoic acid

Concen: 4.41 ng

RT: 7.77 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF089899.D

Acq: 25 Aug 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SB-21B-GW

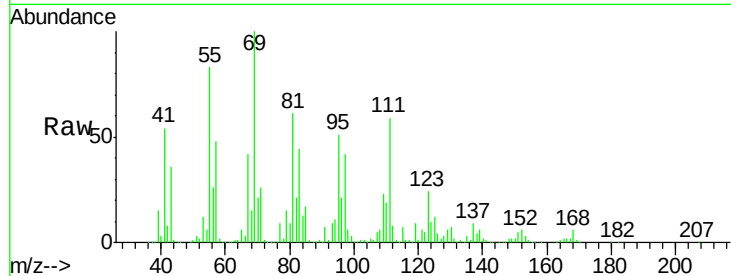
Tgt Ion:122 Resp: 52704

Ion Ratio Lower Upper

122 100

105 41.3 100.8 140.8#

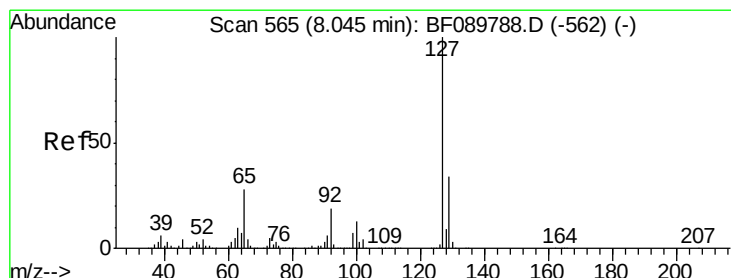
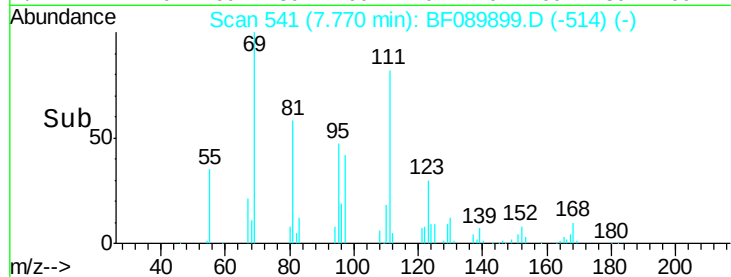
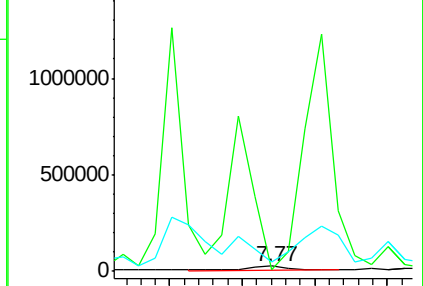
77 181.8 72.1 112.1#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 50.04 ng

RT: 8.00 min Scan# 561

Delta R.T. -0.05 min

Lab File: BF089899.D

Acq: 25 Aug 2016 3:46

Tgt Ion:127 Resp: 956283

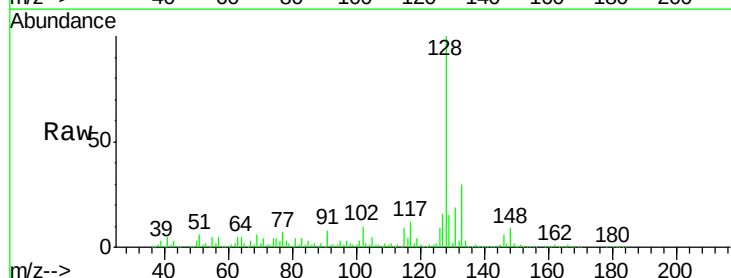
Ion Ratio Lower Upper

127 100

129 94.8 27.0 40.6#

65 14.4 14.7 22.1#

92 5.0 11.7 17.5#

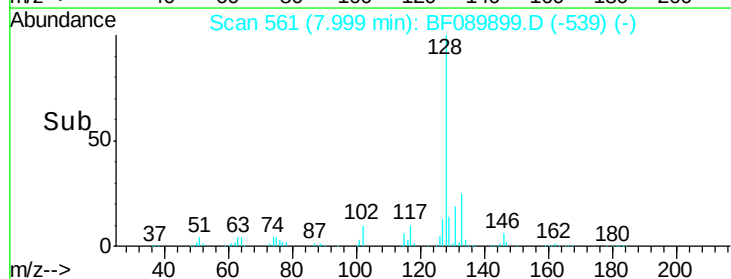
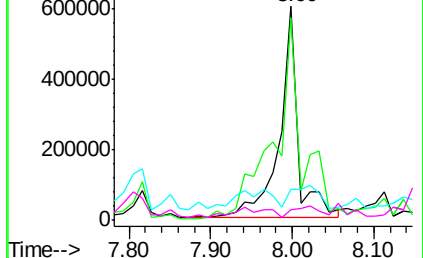


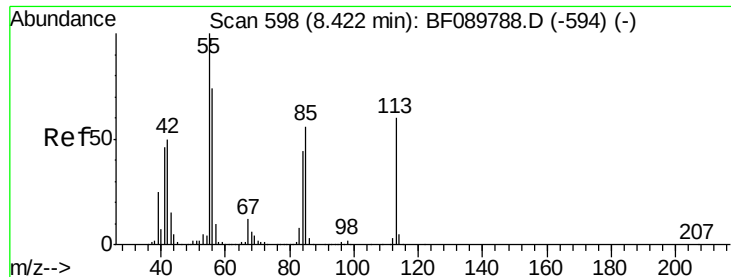
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#35

Caprolactam

Concen: 145.76 ng

RT: 8.43 min Scan# 599

Delta R.T. 0.01 min

Lab File: BF089899.D

Acq: 25 Aug 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SB-21B-GW

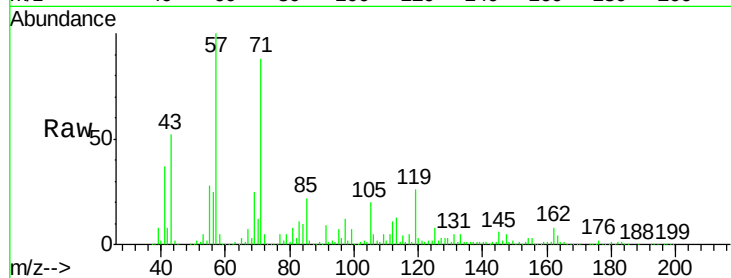
Tgt Ion:113 Resp: 570600

Ion Ratio Lower Upper

113 100

55 213.7 135.9 175.9#

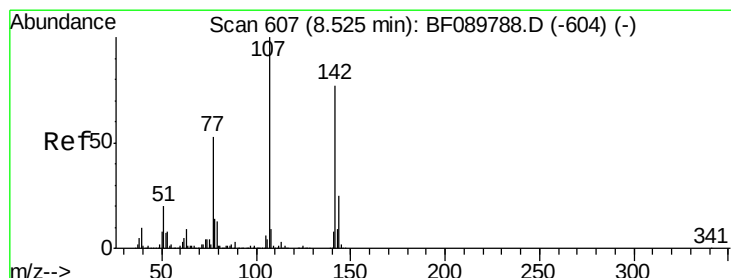
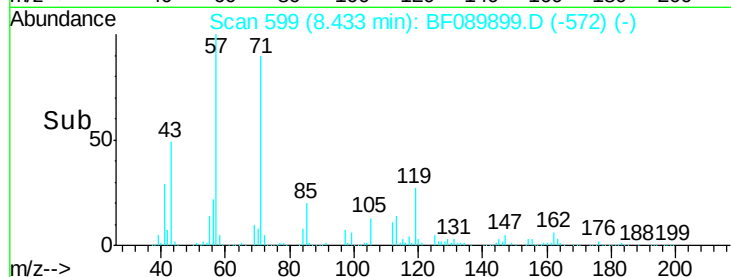
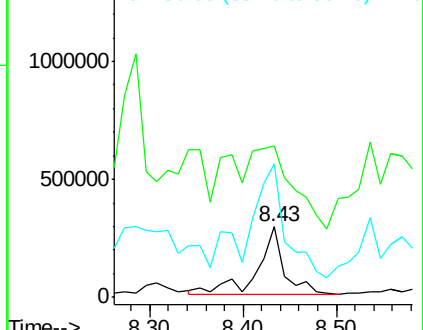
56 189.3 93.9 133.9#



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: 11.60 ng

RT: 8.50 min Scan# 605

Delta R.T. -0.02 min

Lab File: BF089899.D

Acq: 25 Aug 2016 3:46

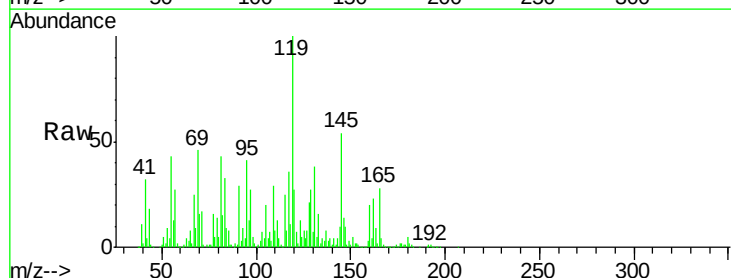
Tgt Ion:107 Resp: 161564

Ion Ratio Lower Upper

107 100

144 141.0 22.6 34.0#

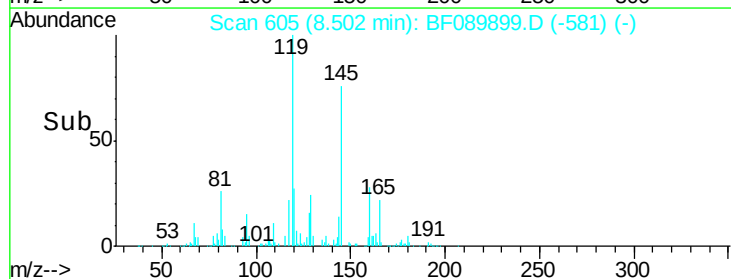
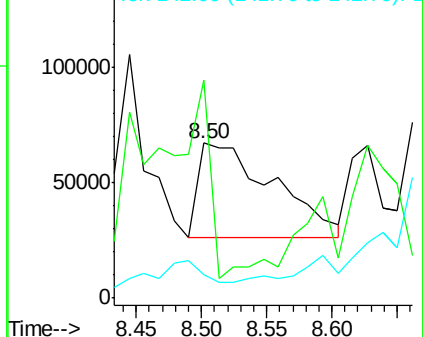
142 14.9 69.3 103.9#

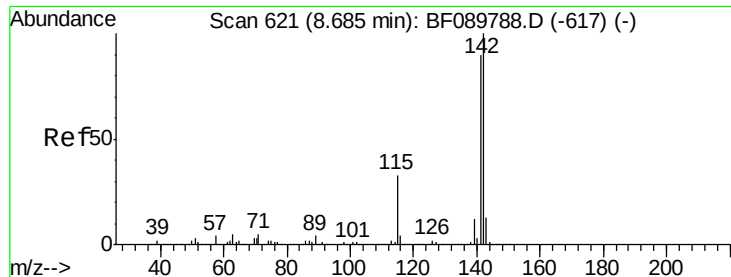


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

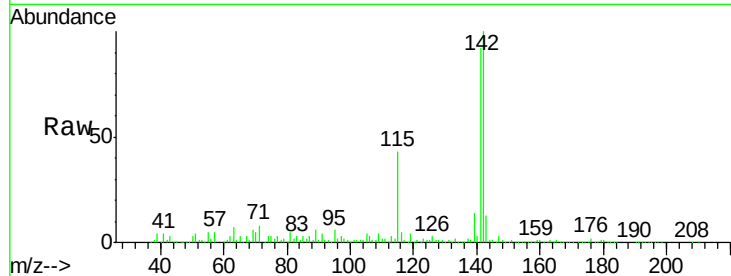




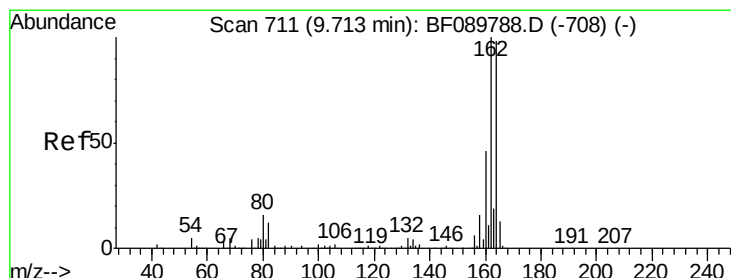
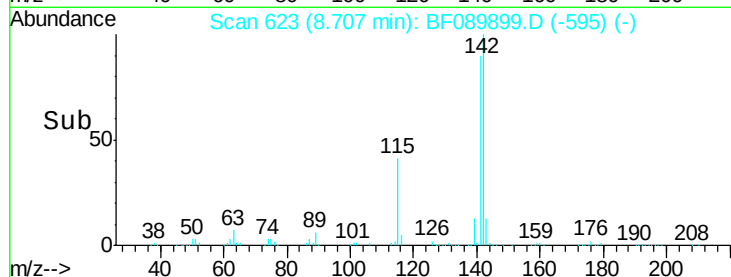
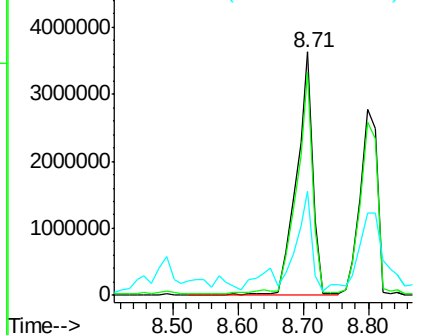
#37
 2-Methylnaphthalene
 Concen: 222.18 ng
 RT: 8.71 min Scan# 623
 Delta R.T. 0.02 min
 Lab File: BF089899.D
 Acq: 25 Aug 2016 3:46

Instrument :
 BNA_F
 ClientSampleId :
 SB-21B-GW

Tgt Ion:142 Resp: 6337344
 Ion Ratio Lower Upper
 142 100
 141 91.5 71.4 107.2
 115 42.9 22.7 34.1#

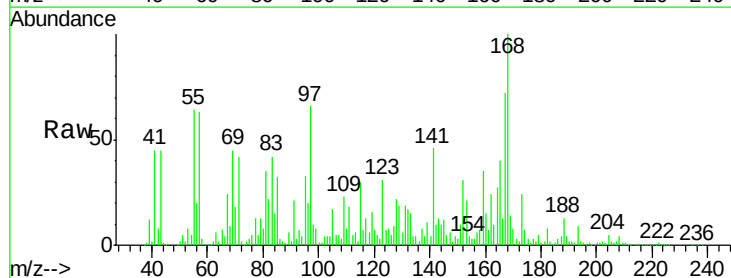


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

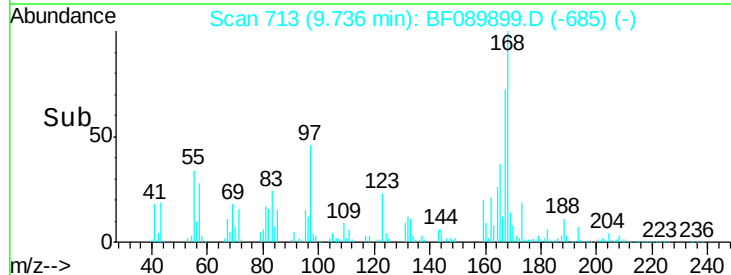
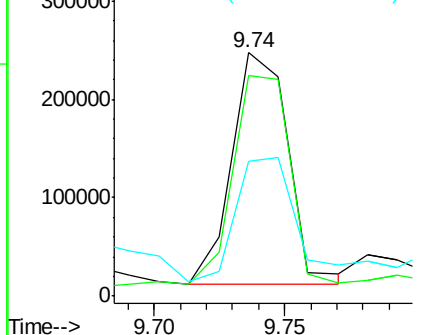


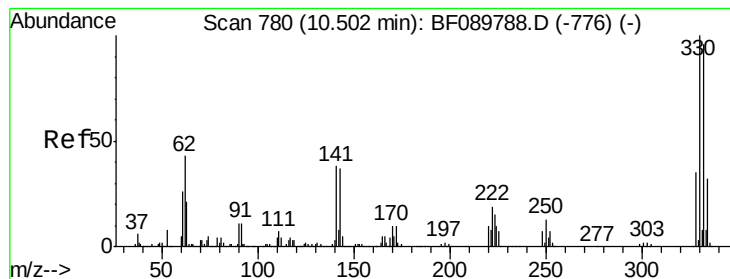
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.02 min
 Lab File: BF089899.D
 Acq: 25 Aug 2016 3:46

Tgt Ion:164 Resp: 356211
 Ion Ratio Lower Upper
 164 100
 162 90.6 81.4 122.2
 160 55.6 37.8 56.6



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

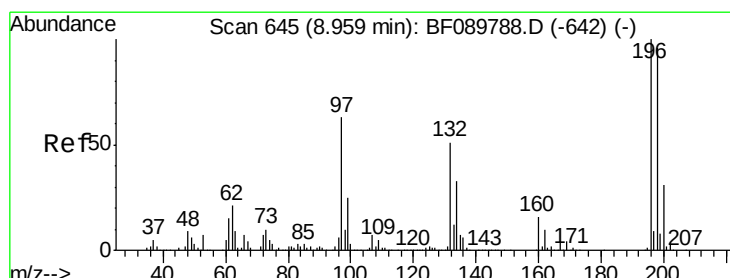
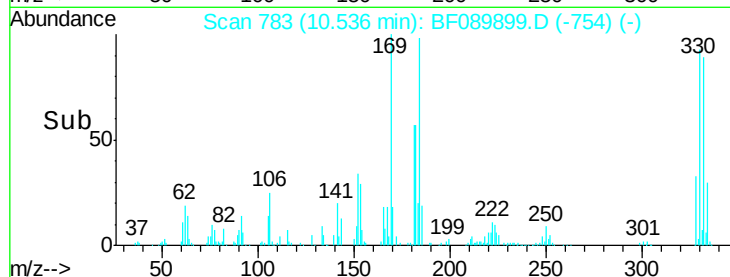
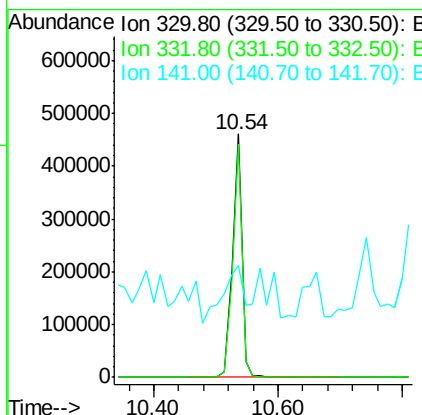
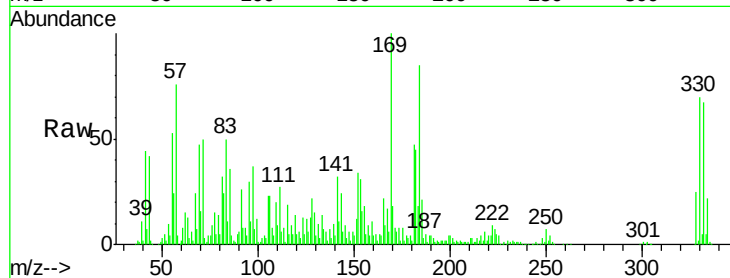




#41
 2,4,6-Tribromophenol
 Concen: 145.97 ng
 RT: 10.54 min Scan# 783
 Delta R.T. 0.03 min
 Lab File: BF089899.D
 Acq: 25 Aug 2016 3:46

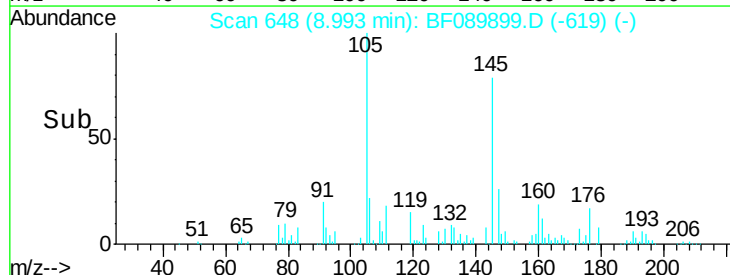
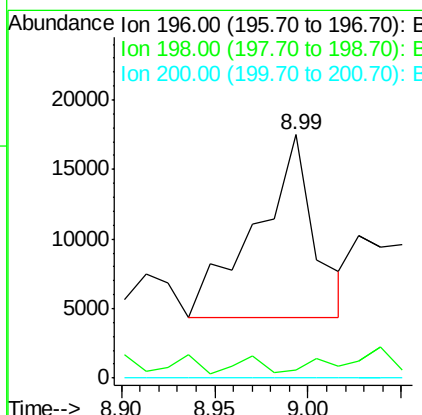
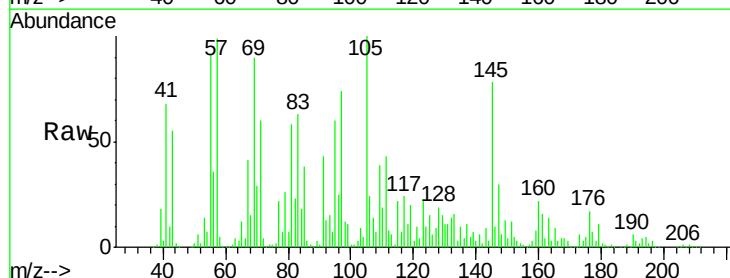
Instrument :
 BNA_F
 ClientSampleId :
 SB-21B-GW

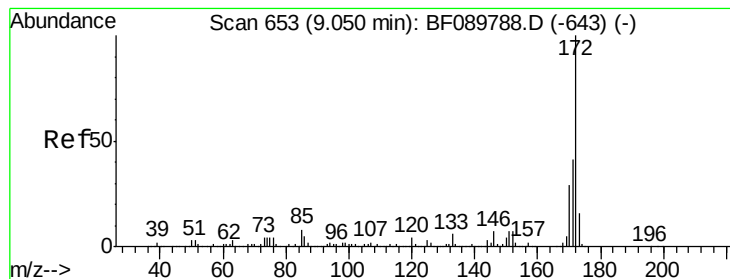
Tgt Ion:330 Resp: 494146
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.7 115.1
 141 25.8 30.2 45.2#



#42
 2,4,6-Trichlorophenol
 Concen: 3.93 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.03 min
 Lab File: BF089899.D
 Acq: 25 Aug 2016 3:46

Tgt Ion:196 Resp: 28521
 Ion Ratio Lower Upper
 196 100
 198 3.2 76.3 114.5#
 200 0.0 24.6 36.8#

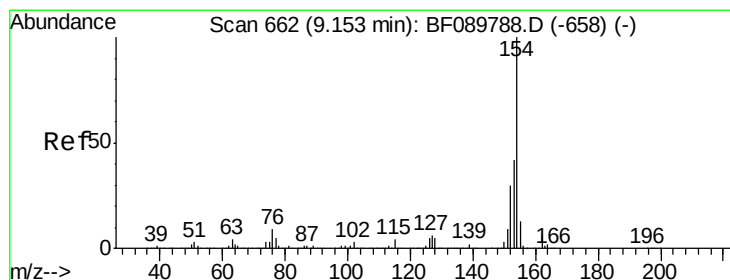
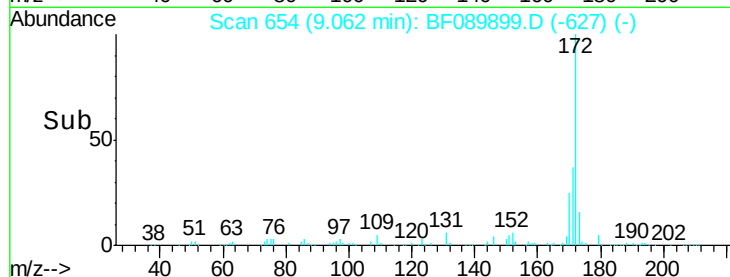
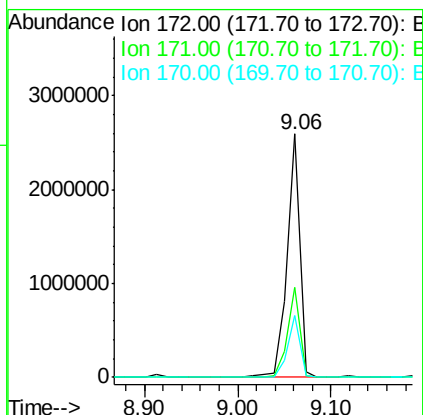
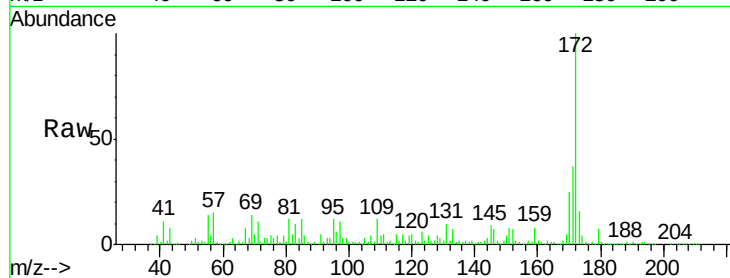




#44
 2-Fluorobiphenyl
 Concen: 120.73 ng
 RT: 9.06 min Scan# 654
 Delta R.T. 0.01 min
 Lab File: BF089899.D
 Acq: 25 Aug 2016 3:46

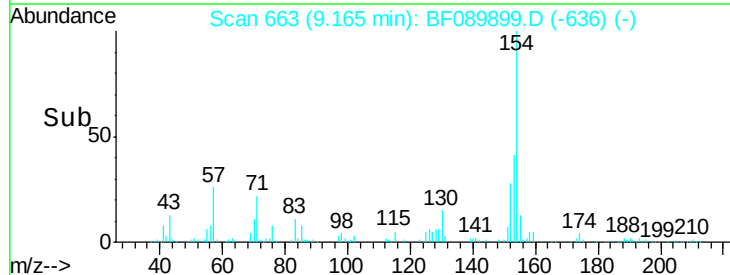
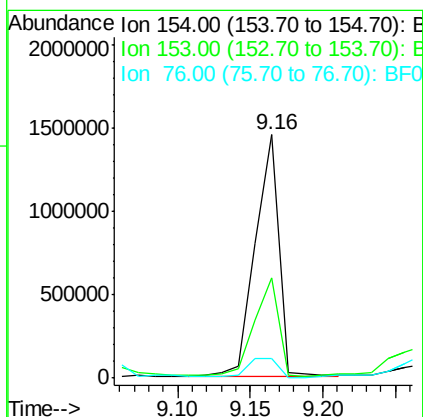
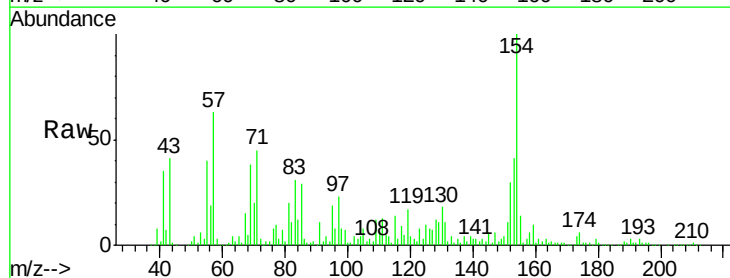
Instrument :
 BNA_F
 ClientSampleId :
 SB-21B-GW

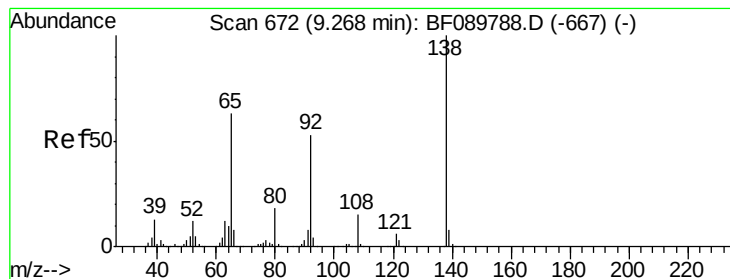
Tgt Ion:172 Resp: 2446901
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.5 45.7
 170 25.3 20.6 31.0



#45
 1,1'-Biphenyl
 Concen: 59.12 ng
 RT: 9.16 min Scan# 663
 Delta R.T. 0.01 min
 Lab File: BF089899.D
 Acq: 25 Aug 2016 3:46

Tgt Ion:154 Resp: 1629740
 Ion Ratio Lower Upper
 154 100
 153 41.1 21.5 61.5
 76 8.1 0.0 36.7





#47

2-Nitroaniline

Concen: 2.51 ng

RT: 9.34 min Scan# 678

Delta R.T. 0.07 min

Lab File: BF089899.D

Acq: 25 Aug 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SB-21B-GW

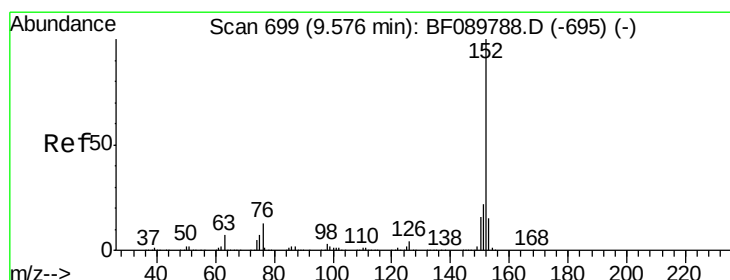
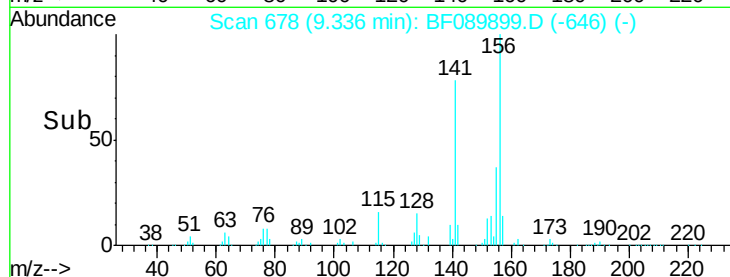
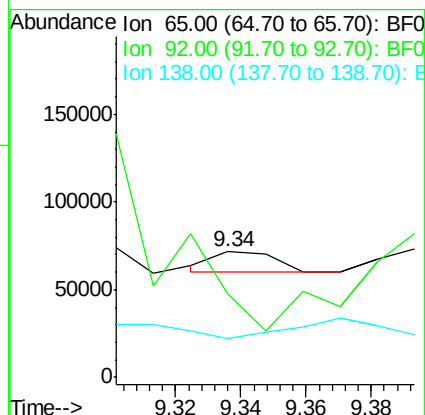
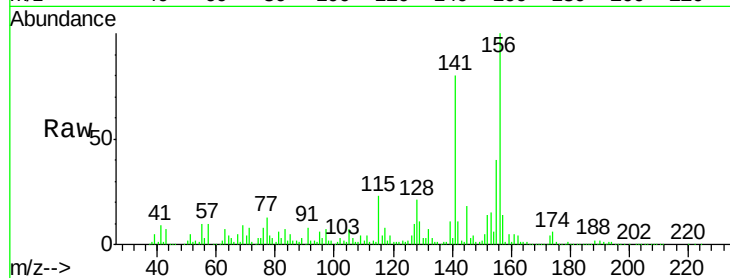
Tgt Ion: 65 Resp: 15580

Ion Ratio Lower Upper

65 100

92 66.2 56.3 84.5

138 30.8 81.8 122.8#



#48

Acenaphthylene

Concen: 8.47 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.03 min

Lab File: BF089899.D

Acq: 25 Aug 2016 3:46

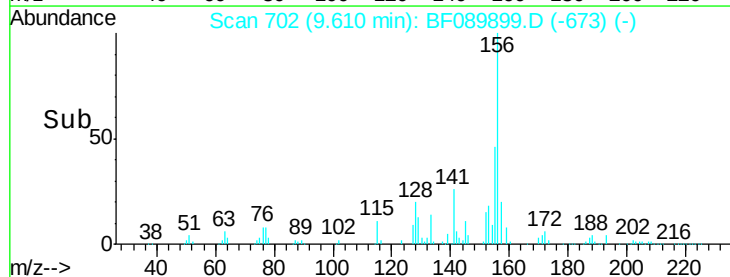
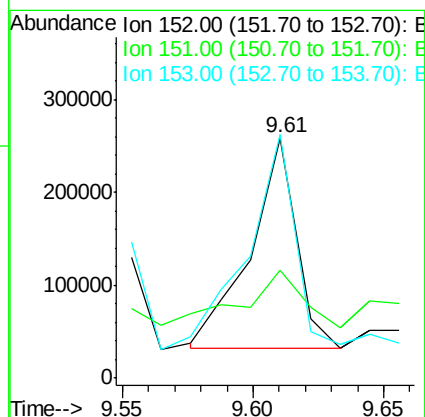
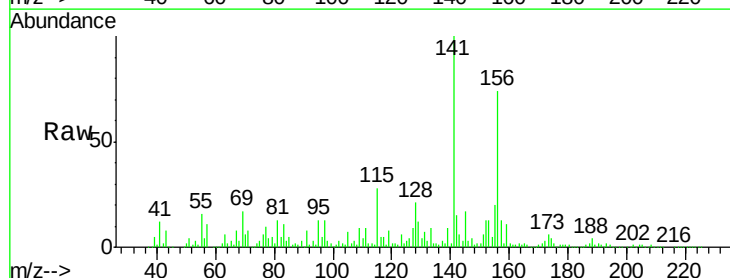
Tgt Ion: 152 Resp: 277498

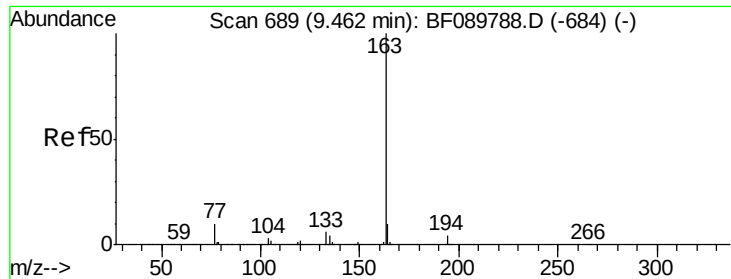
Ion Ratio Lower Upper

152 100

151 45.2 17.1 25.7#

153 101.3 11.2 16.8#

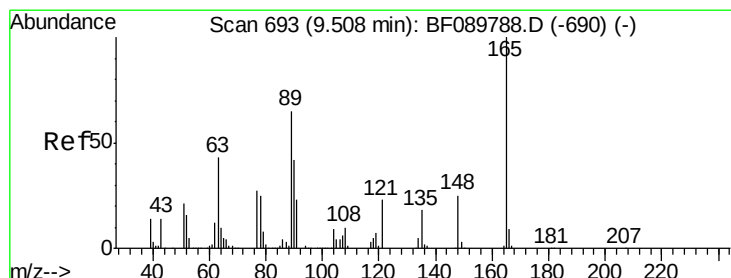
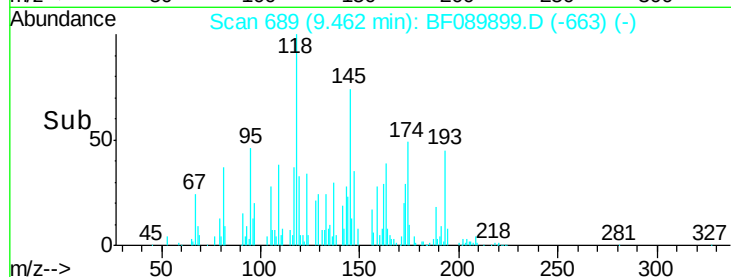
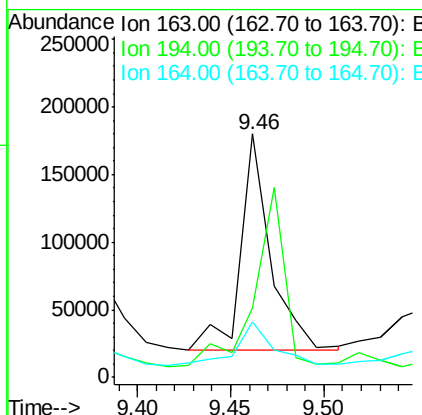
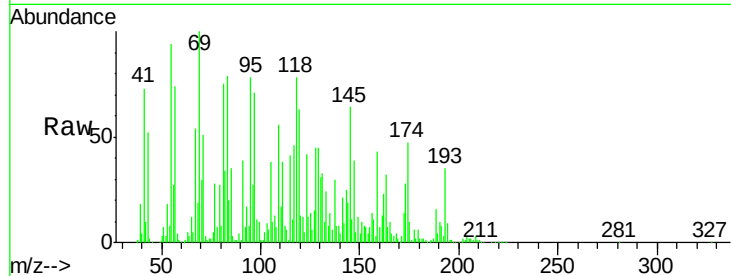




#49
Dimethylphthalate
Concen: 7.10 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF089899.D
Acq: 25 Aug 2016 3:46

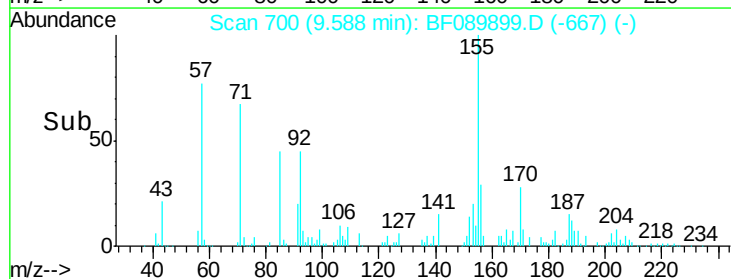
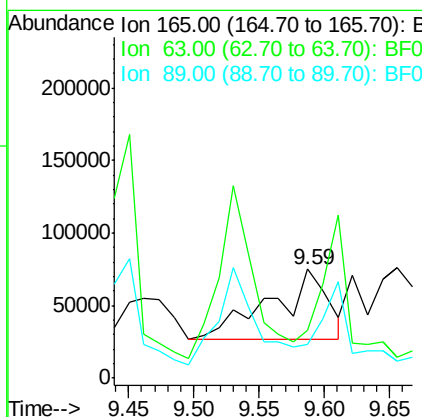
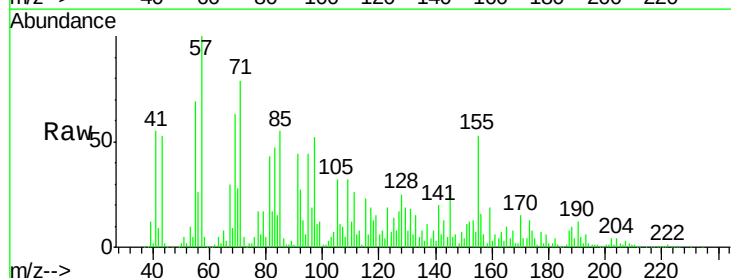
Instrument :
BNA_F
ClientSampleId :
SB-21B-GW

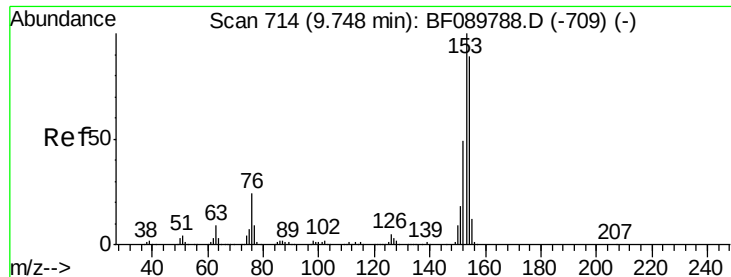
Tgt Ion:163 Resp: 178120
Ion Ratio Lower Upper
163 100
194 28.8 2.6 3.8#
164 22.9 8.6 12.8#



#50
2,6-Dinitrotoluene
Concen: 25.63 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.08 min
Lab File: BF089899.D
Acq: 25 Aug 2016 3:46

Tgt Ion:165 Resp: 148440
Ion Ratio Lower Upper
165 100
63 43.7 41.7 62.5
89 31.1 44.6 67.0#





#51

Acenaphthene

Concen: 32.85 ng

RT: 9.77 min Scan# 716

Delta R.T. 0.02 min

Lab File: BF089899.D

Acq: 25 Aug 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SB-21B-GW

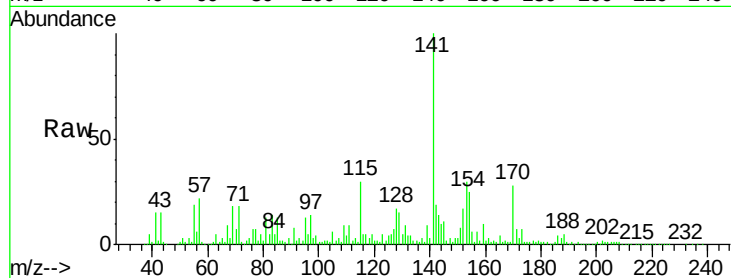
Tgt Ion:154 Resp: 711813

Ion Ratio Lower Upper

154 100

153 119.1 90.5 135.7

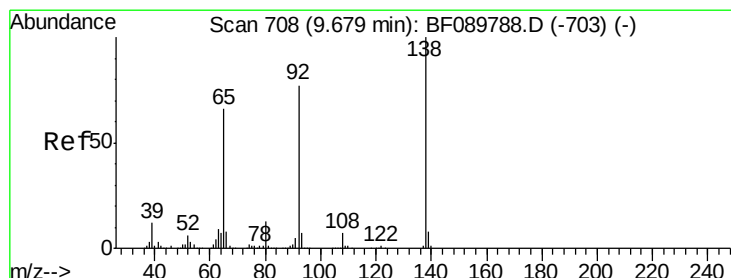
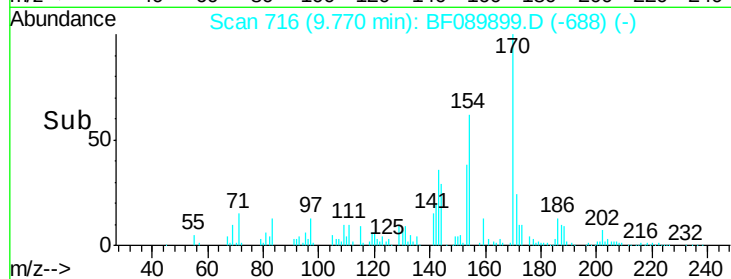
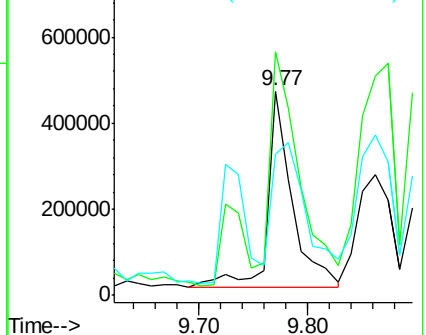
152 69.3 44.6 67.0#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 6.73 ng

RT: 9.72 min Scan# 712

Delta R.T. 0.05 min

Lab File: BF089899.D

Acq: 25 Aug 2016 3:46

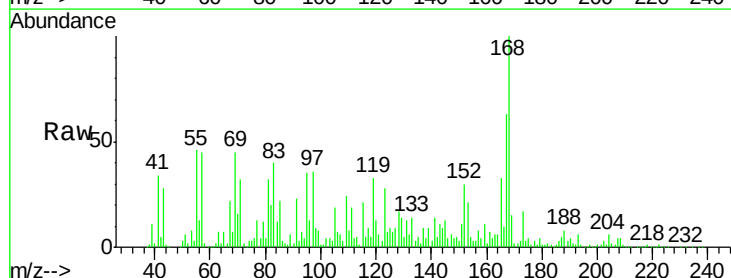
Tgt Ion:138 Resp: 43156

Ion Ratio Lower Upper

138 100

108 78.5 8.1 12.1#

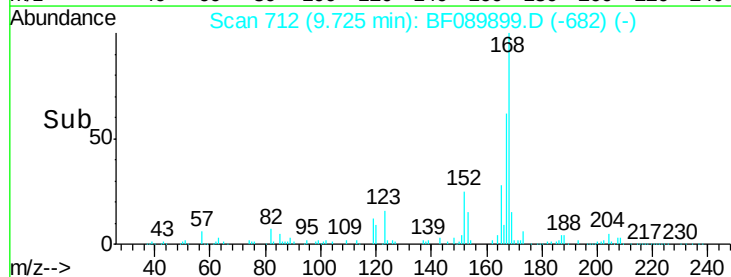
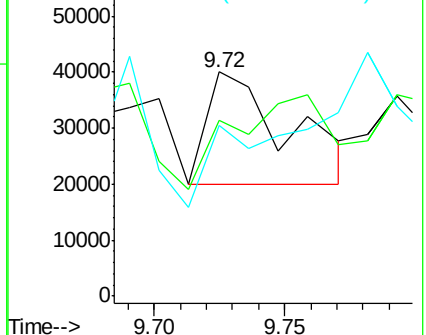
92 76.4 92.7 139.1#

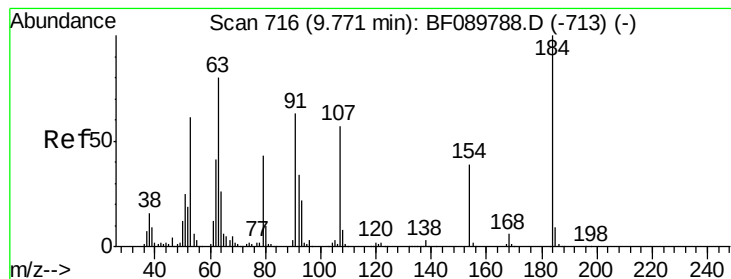


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 4.99 ng

RT: 9.80 min Scan# 719

Delta R.T. 0.03 min

Lab File: BF089899.D

Acq: 25 Aug 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SB-21B-GW

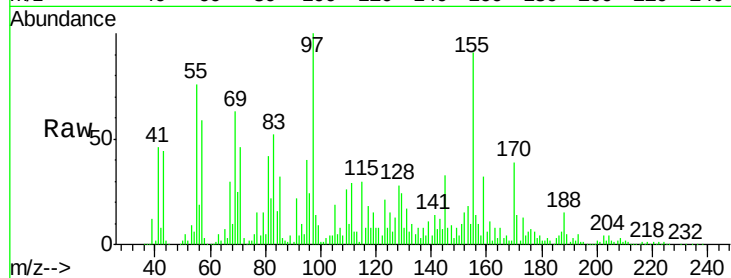
Tgt Ion:184 Resp: 6037

Ion Ratio Lower Upper

184 100

63 1473.0 54.2 81.4#

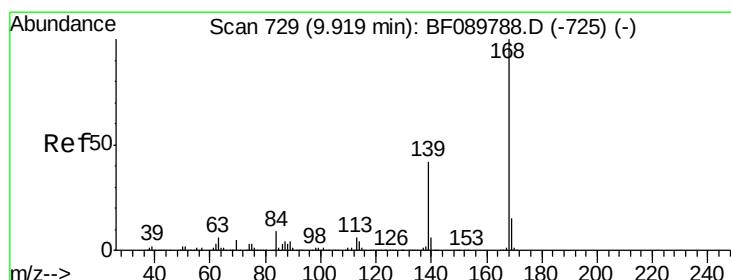
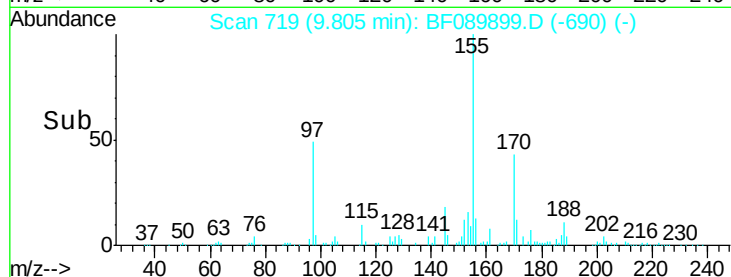
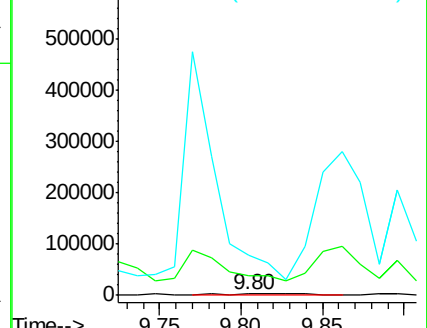
154 2907.5 52.7 79.1#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 15.06 ng

RT: 9.94 min Scan# 731

Delta R.T. 0.02 min

Lab File: BF089899.D

Acq: 25 Aug 2016 3:46

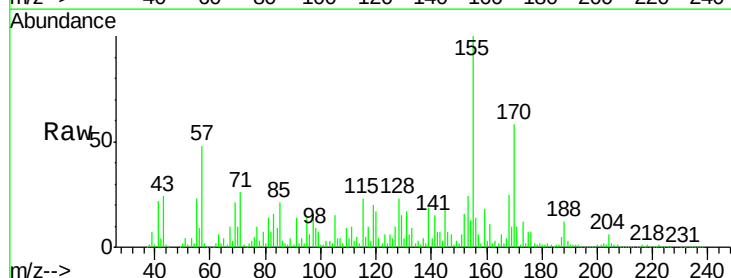
Tgt Ion:168 Resp: 409964

Ion Ratio Lower Upper

168 100

139 76.0 34.6 52.0#

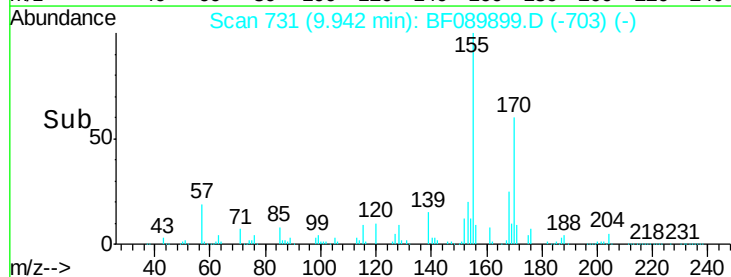
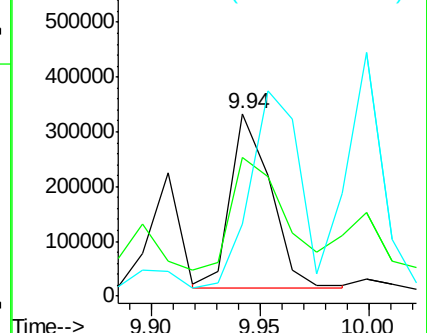
169 39.4 11.5 17.3#

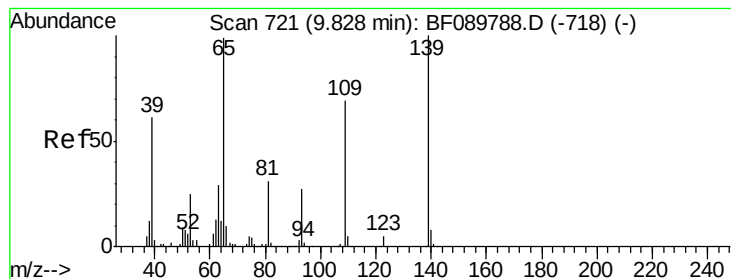


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 76.87 ng

RT: 9.86 min Scan# 724

Delta R.T. 0.03 min

Lab File: BF089899.D

Acq: 25 Aug 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SB-21B-GW

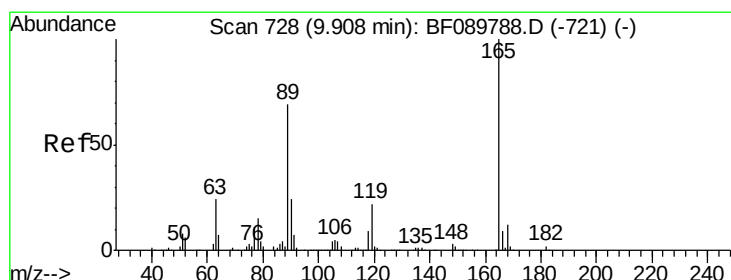
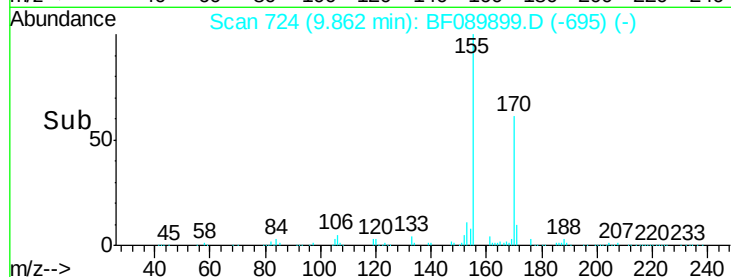
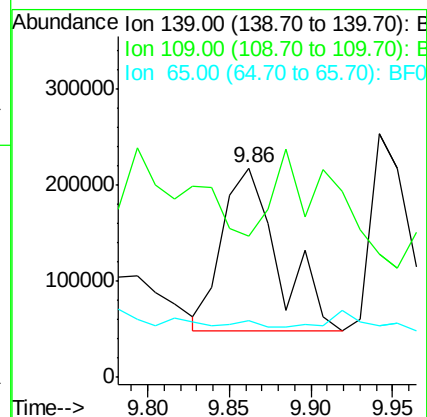
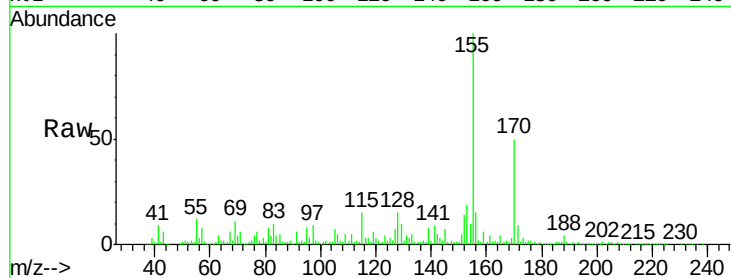
Tgt Ion:139 Resp: 402530

Ion Ratio Lower Upper

139 100

109 67.3 43.0 83.0

65 27.0 55.7 95.7#



#56

2,4-Dinitrotoluene

Concen: 16.50 ng

RT: 9.95 min Scan# 732

Delta R.T. 0.05 min

Lab File: BF089899.D

Acq: 25 Aug 2016 3:46

Tgt Ion:165 Resp: 123938

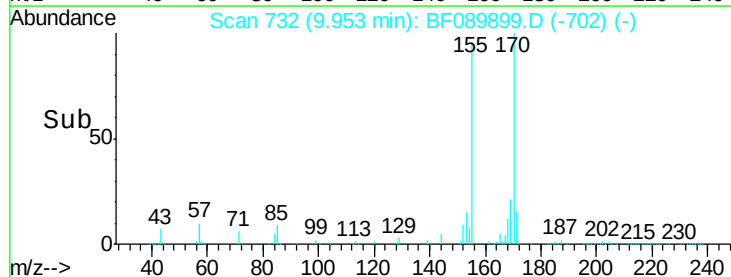
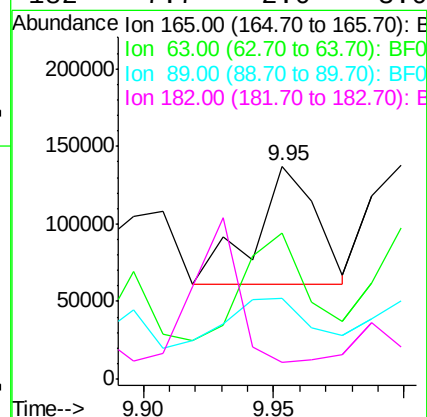
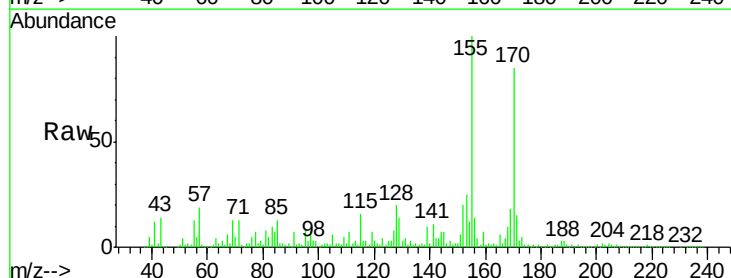
Ion Ratio Lower Upper

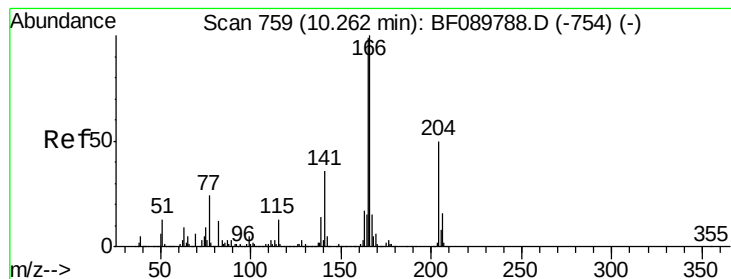
165 100

63 68.7 23.7 35.5#

89 37.9 44.0 66.0#

182 7.7 2.0 3.0#





#57

Fluorene

Concen: 75.98 ng

RT: 10.30 min Scan# 762

Delta R.T. 0.03 min

Lab File: BF089899.D

Acq: 25 Aug 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SB-21B-GW

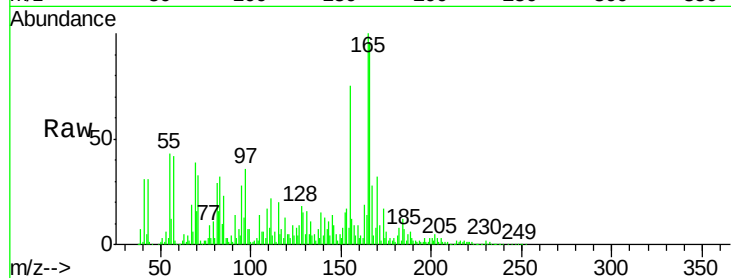
Tgt Ion:166 Resp: 1648017

Ion Ratio Lower Upper

166 100

165 104.2 80.2 120.4

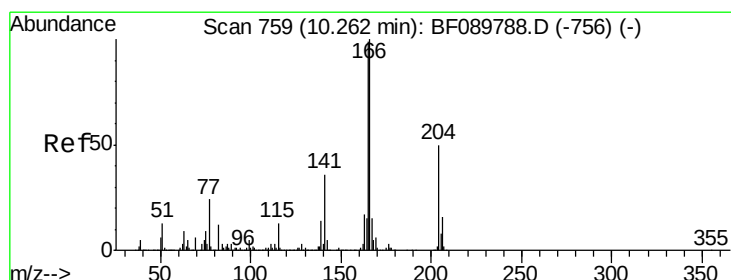
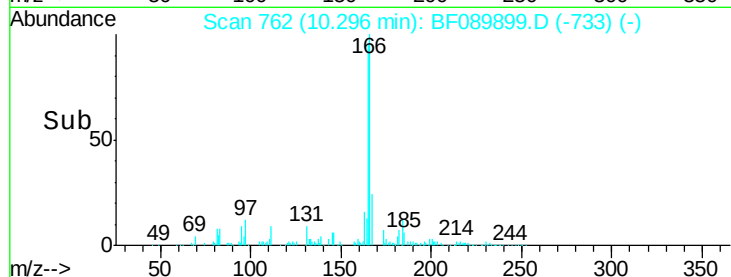
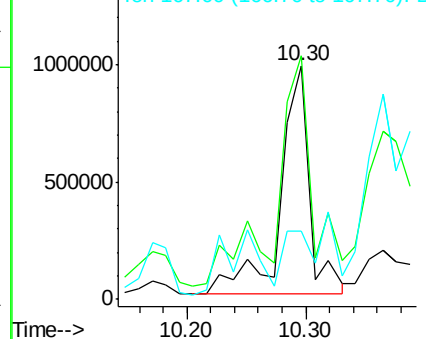
167 29.5 11.3 16.9#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

4-Chlorophenyl-phenylether

Concen: 3.68 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.02 min

Lab File: BF089899.D

Acq: 25 Aug 2016 3:46

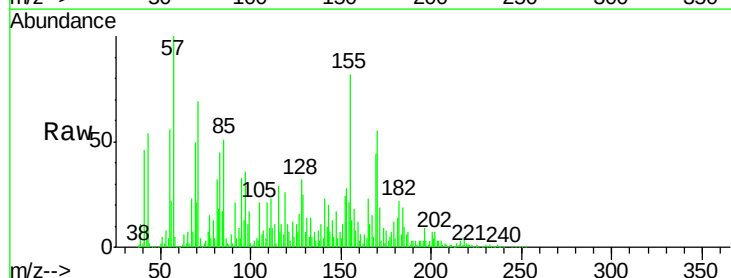
Tgt Ion:204 Resp: 36415

Ion Ratio Lower Upper

204 100

206 26.7 26.5 39.7

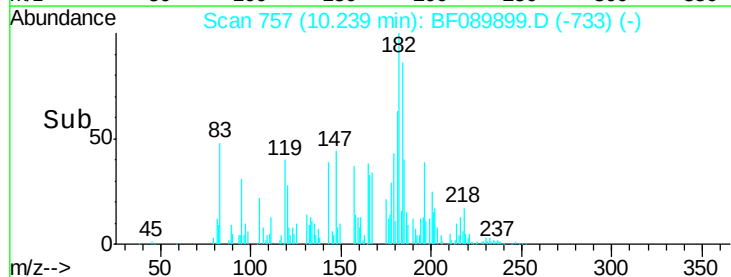
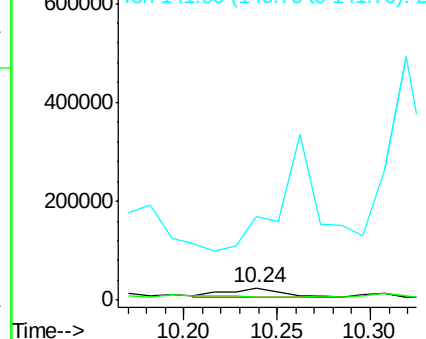
141 680.0 54.1 81.1#

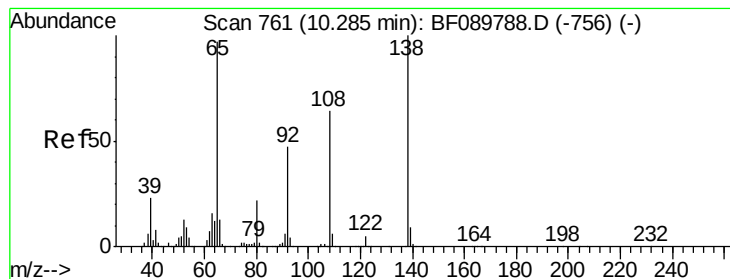


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 2.19 ng

RT: 10.30 min Scan# 762

Delta R.T. 0.01 min

Lab File: BF089899.D

Acq: 25 Aug 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SB-21B-GW

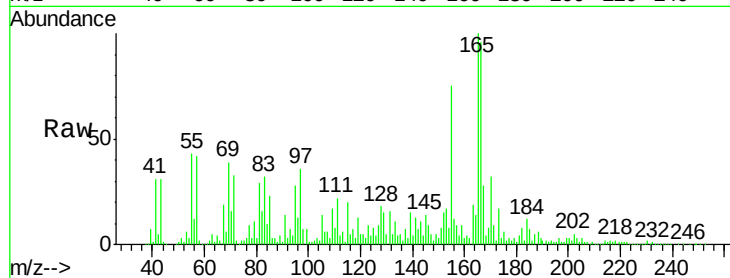
Tgt Ion:138 Resp: 13183

Ion Ratio Lower Upper

138 100

92 81.4 26.4 66.4#

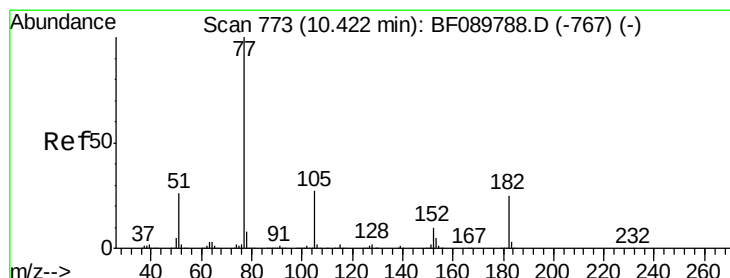
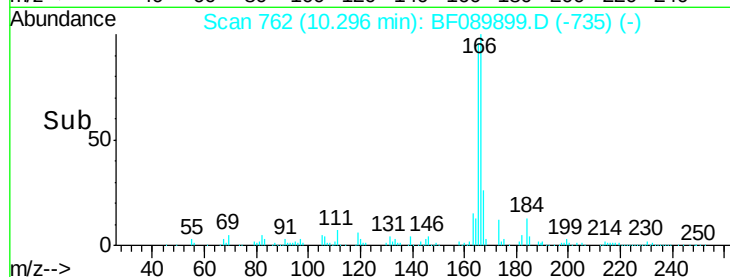
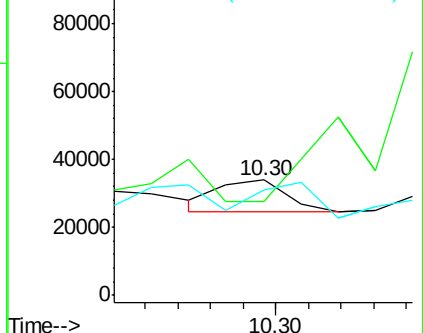
108 91.2 47.0 87.0#



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: 7.21 ng

RT: 10.44 min Scan# 775

Delta R.T. 0.02 min

Lab File: BF089899.D

Acq: 25 Aug 2016 3:46

Tgt Ion: 77 Resp: 172633

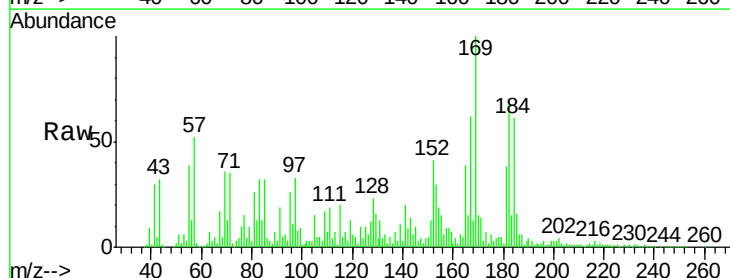
Ion Ratio Lower Upper

77 100

182 464.5 5.6 45.6#

105 101.0 4.0 44.0#

51 37.7 7.8 47.8

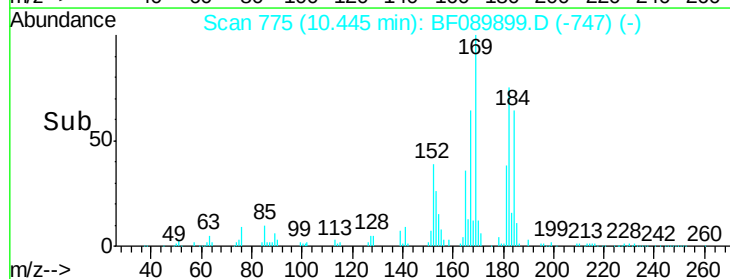
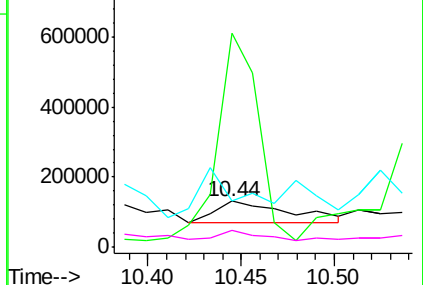


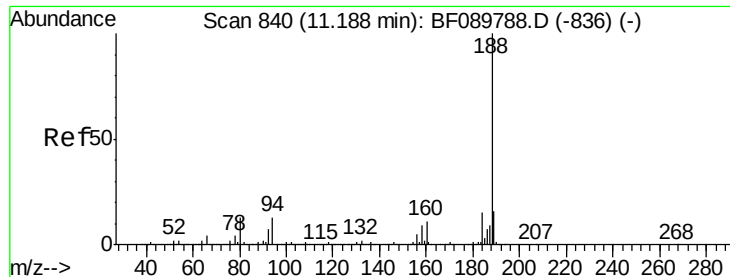
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

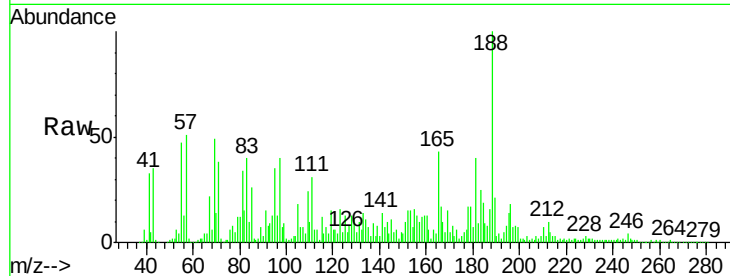




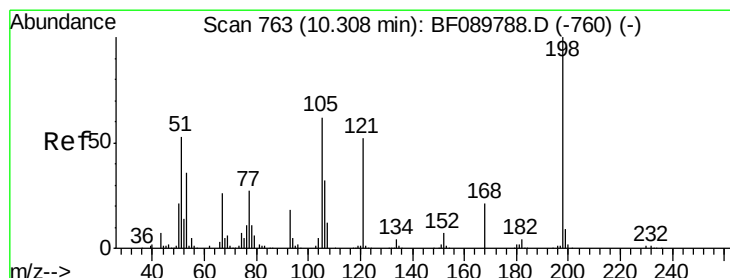
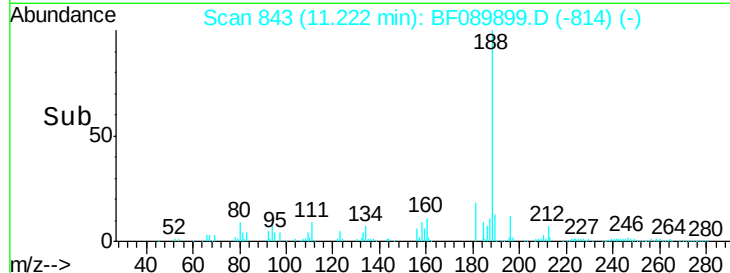
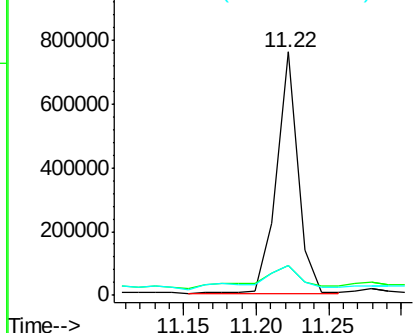
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 843
Delta R.T. 0.03 min
Lab File: BF089899.D
Acq: 25 Aug 2016 3:46

Instrument :
BNA_F
ClientSampleId :
SB-21B-GW

Tgt Ion:188 Resp: 783247
Ion Ratio Lower Upper
188 100
94 12.5 10.2 15.2
80 12.3 10.9 16.3

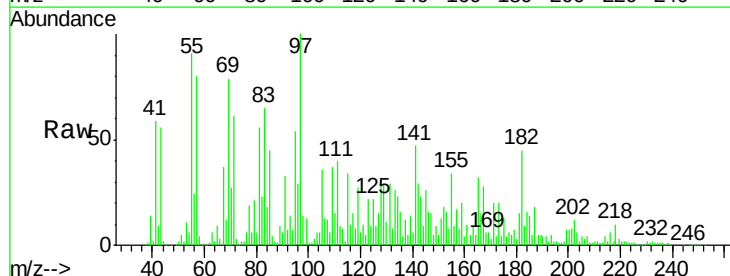


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

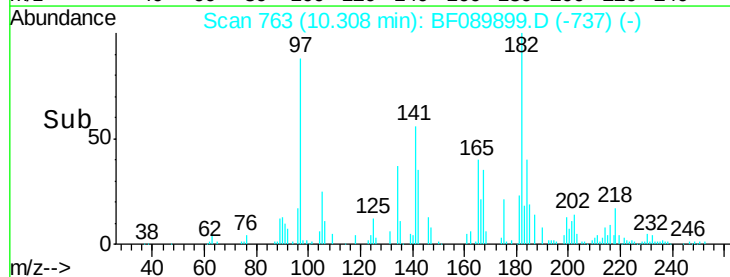
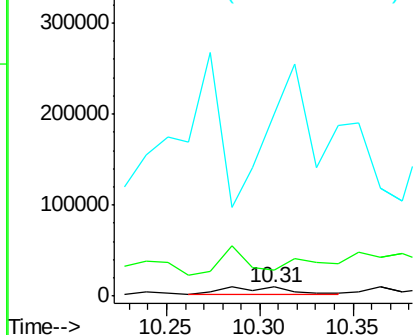


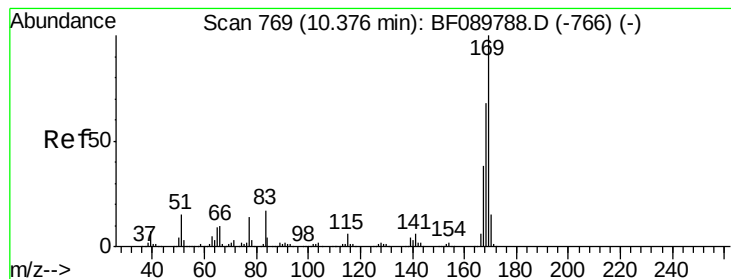
#64
4,6-Dinitro-2-methylphenol
Concen: 4.09 ng
RT: 10.31 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF089899.D
Acq: 25 Aug 2016 3:46

Tgt Ion:198 Resp: 18416
Ion Ratio Lower Upper
198 100
51 285.4 32.3 72.3#
105 1973.0 32.9 72.9#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 75.39 ng

RT: 10.41 min Scan# 772

Delta R.T. 0.03 min

Lab File: BF089899.D

Acq: 25 Aug 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SB-21B-GW

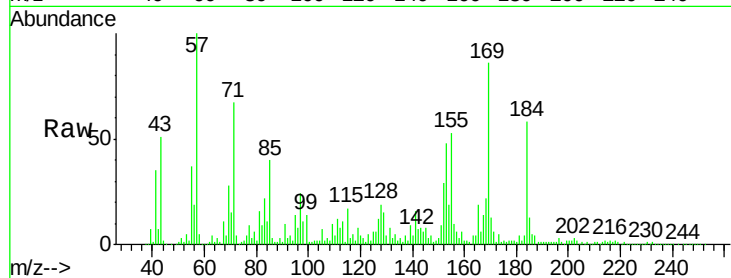
Tgt Ion:169 Resp: 1856550

Ion Ratio Lower Upper

169 100

168 26.0 54.6 82.0#

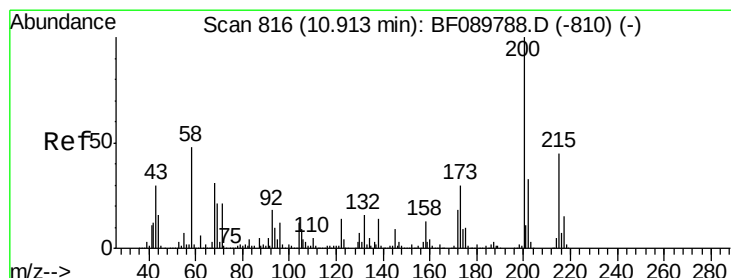
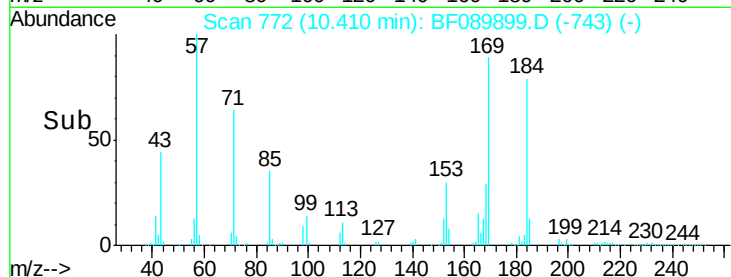
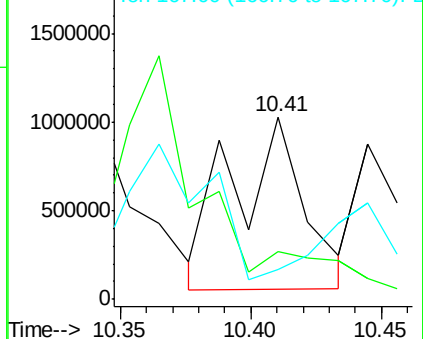
167 16.1 30.6 45.8#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#68

Atrazine

Concen: 19.52 ng

RT: 10.96 min Scan# 820

Delta R.T. 0.05 min

Lab File: BF089899.D

Acq: 25 Aug 2016 3:46

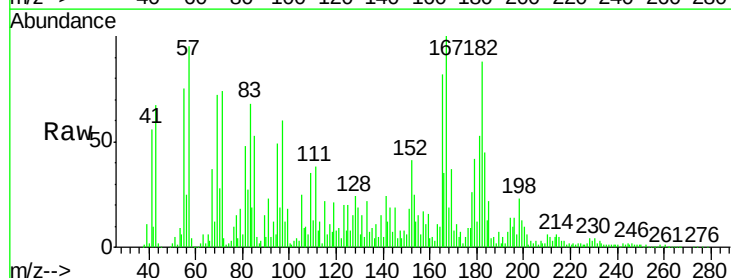
Tgt Ion:200 Resp: 147204

Ion Ratio Lower Upper

200 100

173 73.1 6.6 46.6#

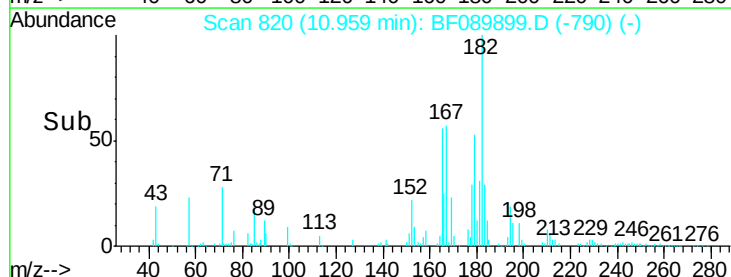
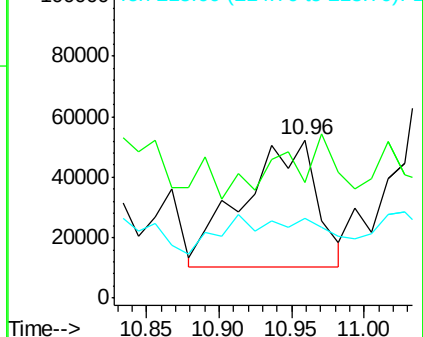
215 50.9 24.7 64.7

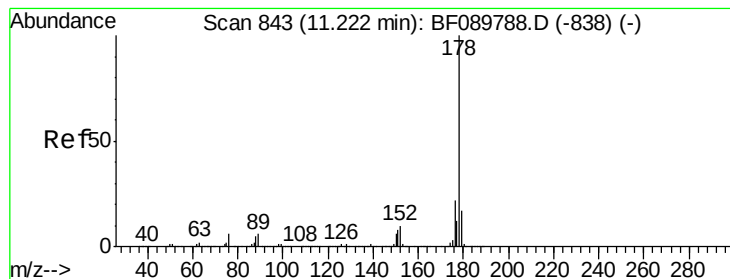


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Phenanthrene

Concen: 100.48 ng

RT: 11.24 min Scan# 845

Delta R.T. 0.02 min

Lab File: BF089899.D

Acq: 25 Aug 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SB-21B-GW

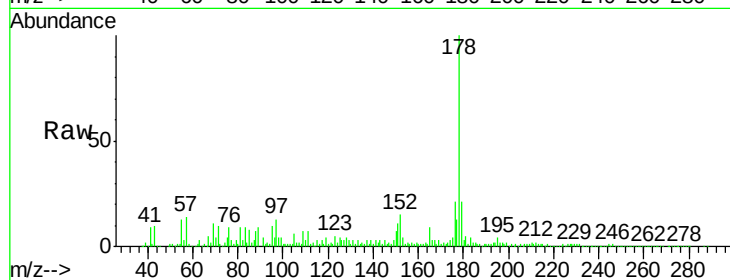
Tgt Ion:178 Resp: 3974732

Ion Ratio Lower Upper

178 100

176 21.1 16.4 24.6

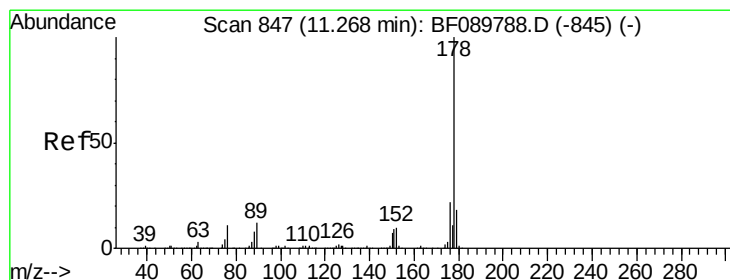
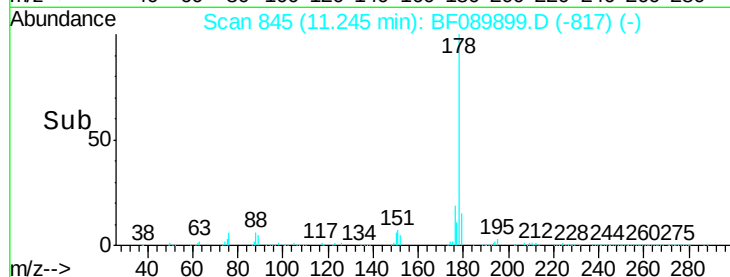
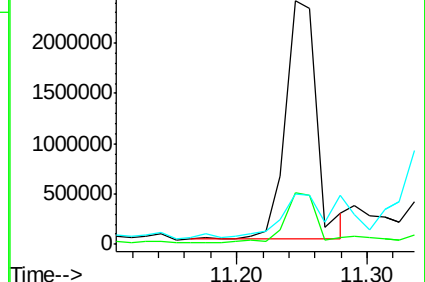
179 20.7 12.5 18.7#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 4.88 ng

RT: 11.29 min Scan# 849

Delta R.T. 0.02 min

Lab File: BF089899.D

Acq: 25 Aug 2016 3:46

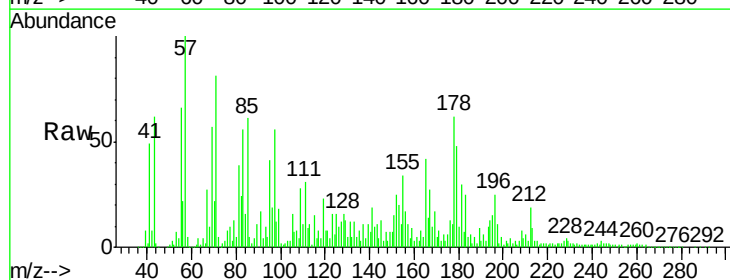
Tgt Ion:178 Resp: 196048

Ion Ratio Lower Upper

178 100

176 21.3 16.4 24.6

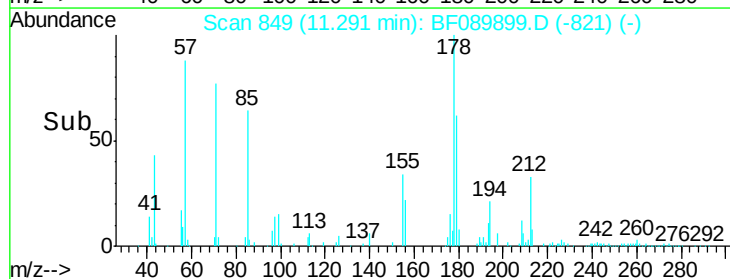
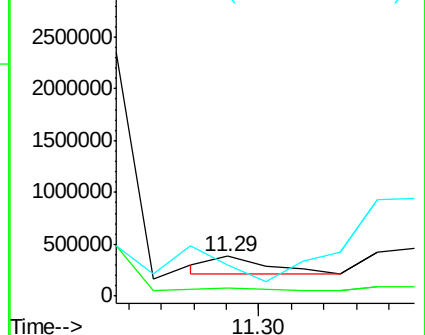
179 77.3 13.1 19.7#

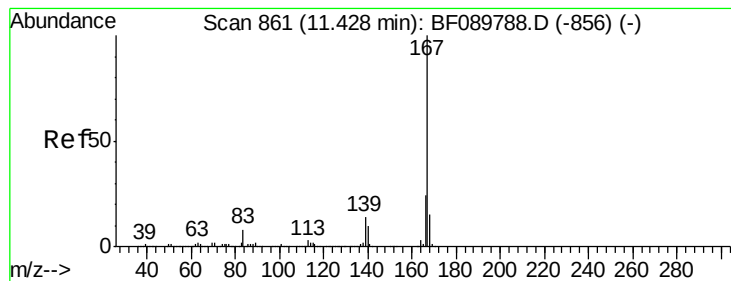


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 10.61 ng

RT: 11.45 min Scan# 863

Delta R.T. 0.02 min

Lab File: BF089899.D

Acq: 25 Aug 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SB-21B-GW

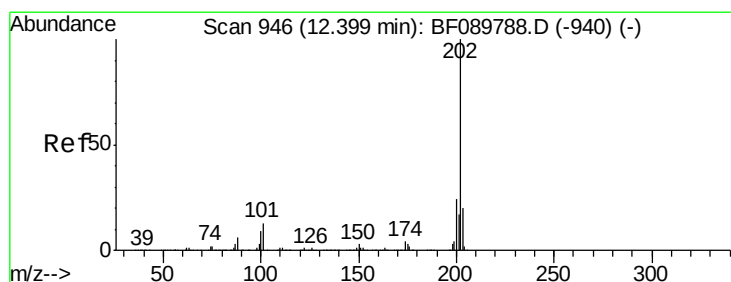
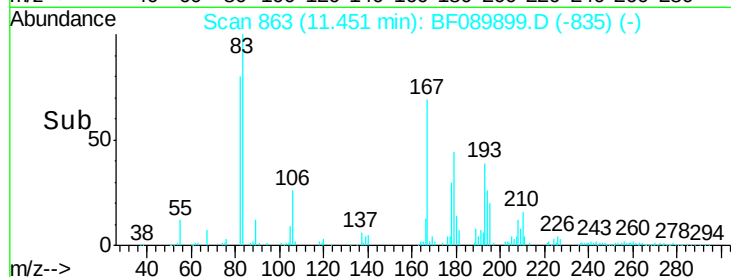
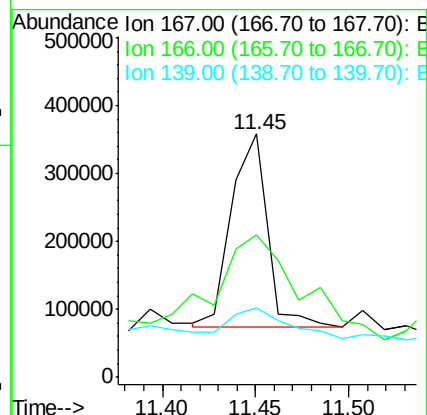
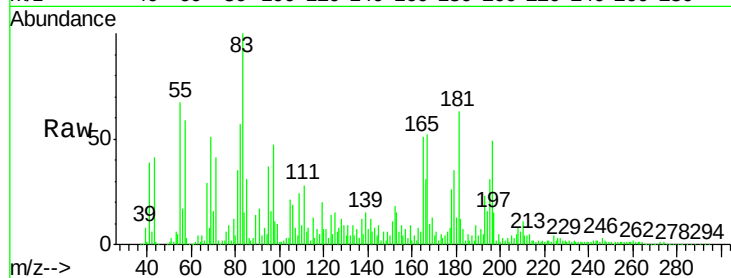
Tgt Ion:167 Resp: 382651

Ion Ratio Lower Upper

167 100

166 58.4 17.9 26.9#

139 28.5 12.4 18.6#



#74

Fluoranthene

Concen: 6.35 ng

RT: 12.42 min Scan# 948

Delta R.T. 0.02 min

Lab File: BF089899.D

Acq: 25 Aug 2016 3:46

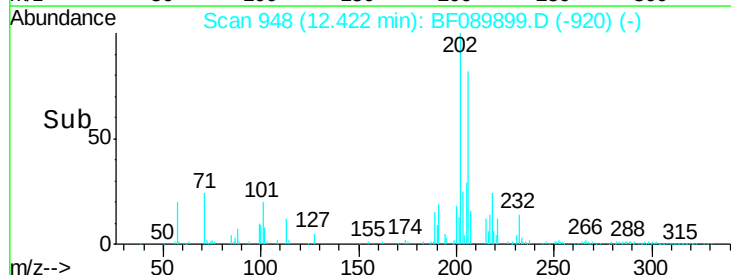
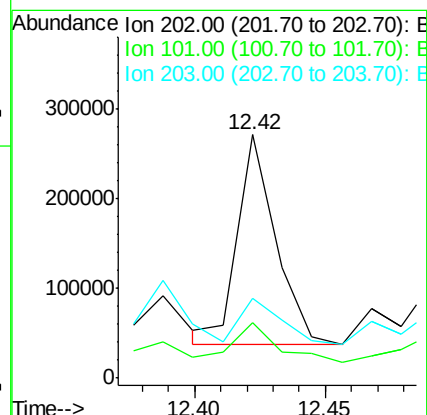
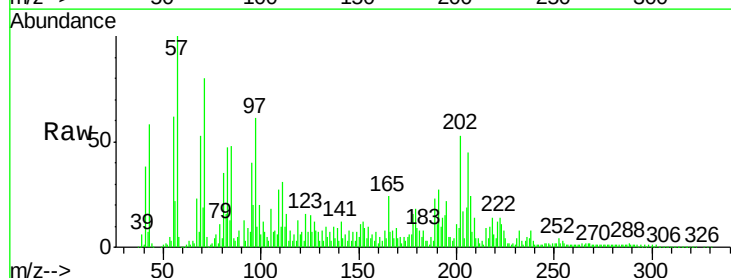
Tgt Ion:202 Resp: 238883

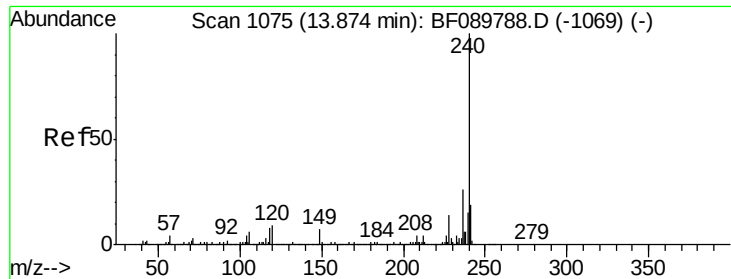
Ion Ratio Lower Upper

202 100

101 22.8 0.0 31.2

203 32.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.03 min

Lab File: BF089899.D

Acq: 25 Aug 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SB-21B-GW

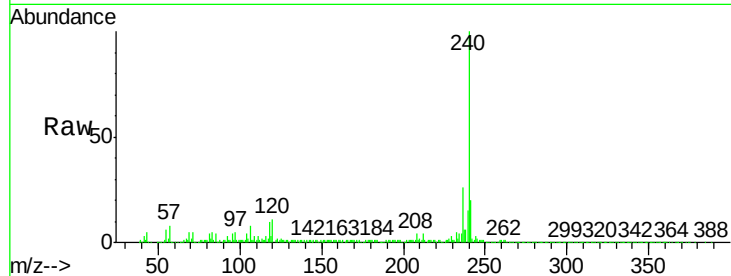
Tgt Ion:240 Resp: 877736

Ion Ratio Lower Upper

240 100

120 11.4 8.3 12.5

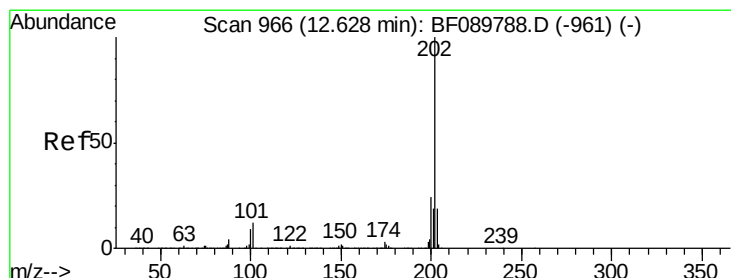
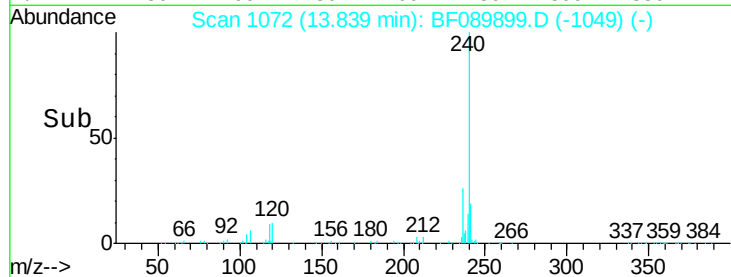
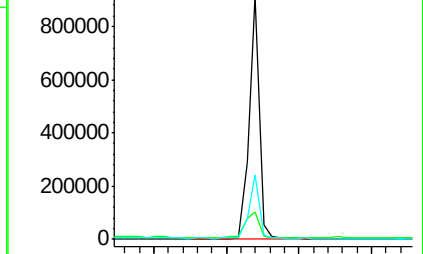
236 26.4 21.3 31.9



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: 20.14 ng

RT: 12.64 min Scan# 967

Delta R.T. 0.01 min

Lab File: BF089899.D

Acq: 25 Aug 2016 3:46

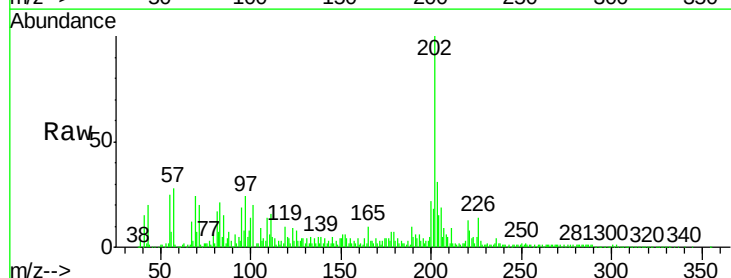
Tgt Ion:202 Resp: 1439687

Ion Ratio Lower Upper

202 100

200 21.5 17.8 26.6

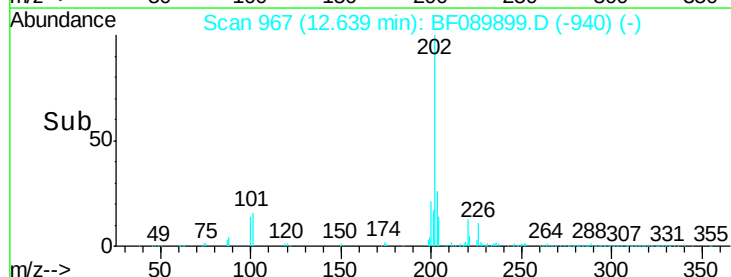
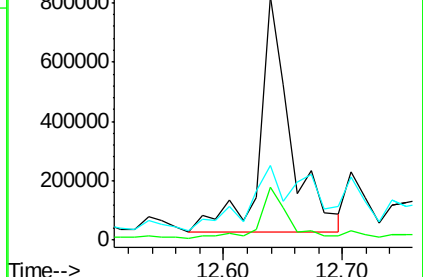
203 30.6 14.2 21.4#

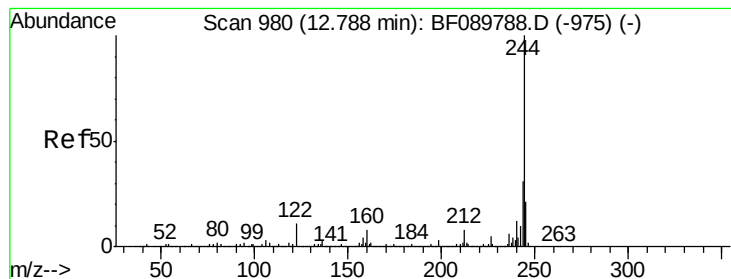


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 59.65 ng

RT: 12.80 min Scan# 981

Delta R.T. 0.01 min

Lab File: BF089899.D

Acq: 25 Aug 2016 3:46

Instrument :

BNA_F

ClientSampleId :

SB-21B-GW

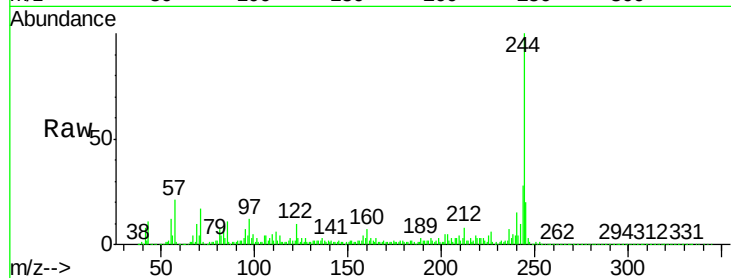
Tgt Ion:244 Resp: 2314422

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

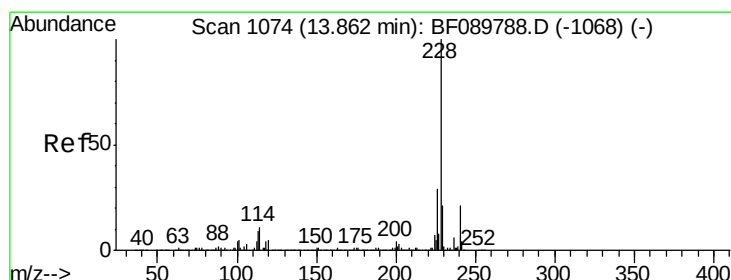
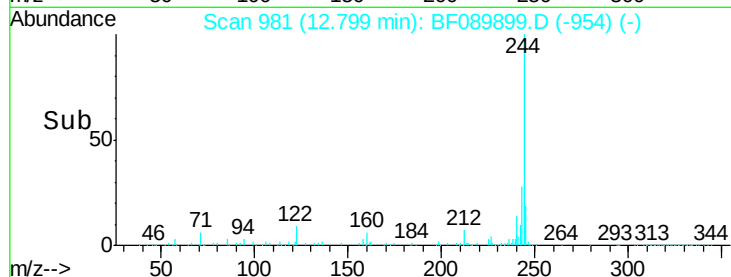
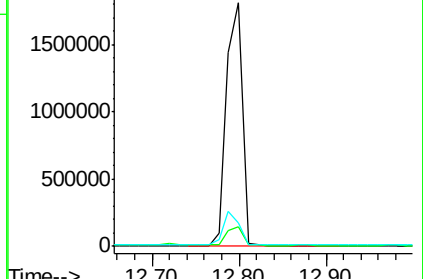
122 9.6 12.0 18.0#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 2.58 ng

RT: 13.86 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BF089899.D

Acq: 25 Aug 2016 3:46

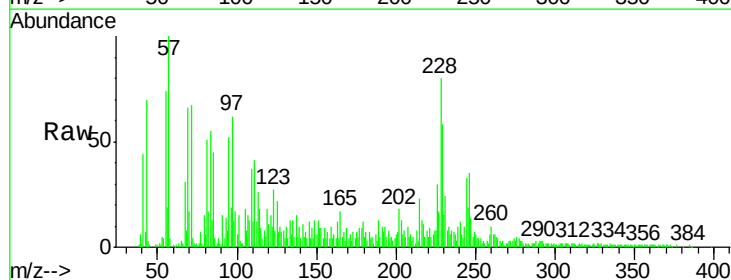
Tgt Ion:228 Resp: 129548

Ion Ratio Lower Upper

228 100

226 37.8 23.2 34.8#

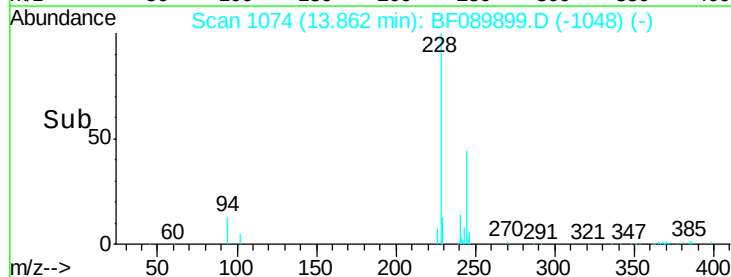
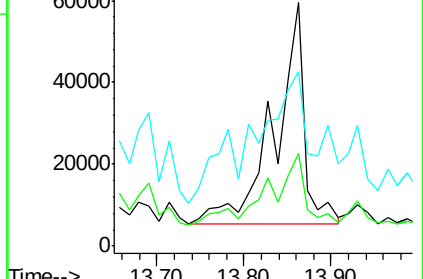
229 71.9 16.2 24.4#

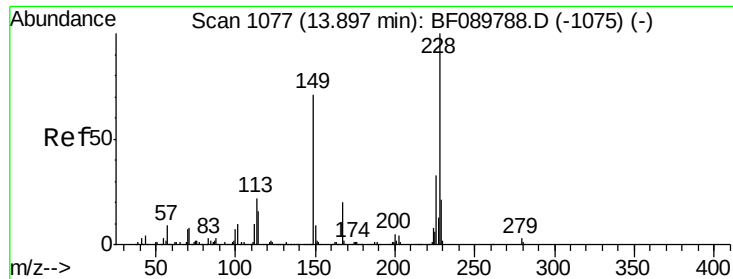


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 3.01 ng

RT: 13.86 min Scan# 1074

Delta R.T. -0.03 min

Lab File: BF089899.D

Acq: 25 Aug 2016 3:46

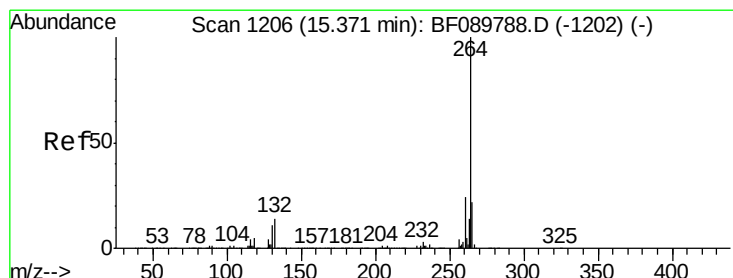
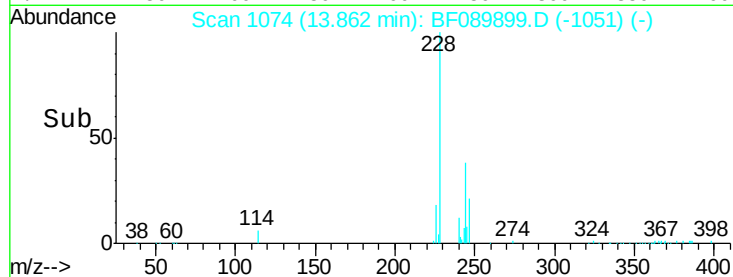
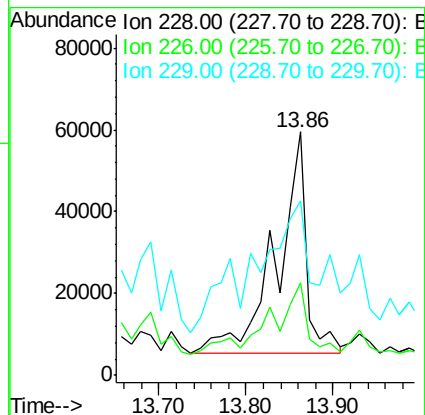
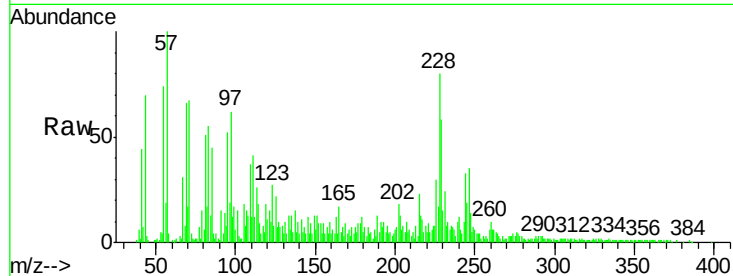
Instrument :

BNA_F

ClientSampleId :

SB-21B-GW

Tgt Ion:	228	Resp:	129548
Ion Ratio	Lower	Upper	
228	100		
226	37.8	25.4	38.0
229	71.9	16.5	24.7#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.28 min Scan# 1198

Delta R.T. -0.09 min

Lab File: BF089899.D

Acq: 25 Aug 2016 3:46

Tgt Ion:	264	Resp:	888320
Ion Ratio	Lower	Upper	
264	100		
260	24.1	20.2	30.2
265	21.7	17.4	26.2

