

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
 Data File : BF088368.D
 Acq On : 25 Jun 2016 10:58
 Operator : UM/SJ
 Sample : H3629-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-5B(5-7)

Quant Time: Jun 26 01:55:08 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	63273	20.00	ng	-0.03
21) Naphthalene-d8	7.86	136	163819	20.00	ng	-0.03
38) Acenaphthene-d10	9.64	164	58598	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	155058	20.00	ng	-0.01
75) Chrysene-d12	13.70	240	161771	20.00	ng	-0.05
86) Perylene-d12	15.05	264	147466	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	437252	118.14	ng	-0.03
7) Phenol-d6	6.23	99	530778	118.33	ng	-0.03
23) Nitrobenzene-d5	7.14	82	325750	116.12	ng	-0.03
41) 2,4,6-Tribromophenol	10.43	330	86912	140.47	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	307373	82.22	ng	-0.01
78) Terphenyl-d14	12.66	244	475897	66.94	ng	-0.03

Target Compounds

						Qvalue
10) Phenol	6.22	94	3658	Below Cal	#	1
15) Benzyl Alcohol	6.72	79	10899	3.11	ng	49
18) Hexachloroethane	7.14	117	157721	93.87	ng	18
19) n-Nitroso-di-n-propylamine	6.99	70	25813	9.00	ng	63
20) 3+4-Methylphenols	7.03	107	9353	2.26	ng	1
22) Acetophenone	6.91	105	39722	10.85	ng	42
24) Nitrobenzene	7.12	77	42231	15.54	ng	66
25) Isophorone	7.38	82	91074	17.53	ng	1
26) 2-Nitrophenol	7.54	139	25099	17.24	ng	1
27) 2,4-Dimethylphenol	7.51	122	32053	11.96	ng	1
28) bis(2-Chloroethoxy)methane	7.66	93	40407	12.54	ng	1
29) 2,4-Dichlorophenol	7.72	162	8521	3.81	ng	1
30) 1,2,4-Trichlorobenzene	7.76	180	13795	5.66	ng	38
31) Naphthalene	7.86	128	79955	9.86	ng	1
32) Benzoic acid	7.66	122	22144	15.00	ng	26
33) 4-Chloroaniline	7.92	127	24196	6.68	ng	1
35) Caprolactam	8.33	113	131671	177.64	ng	1
36) 4-Chloro-3-methylphenol	8.41	107	45007	18.81	ng	33
37) 2-Methylnaphthalene	8.60	142	204955	38.36	ng	85
42) 2,4,6-Trichlorophenol	8.89	196	9287	7.93	ng	11
43) 2,4,5-Trichlorophenol	8.89	196	9287	7.62	ng	1
45) 1,1'-Biphenyl	9.07	154	2645	Below Cal	#	1
47) 2-Nitroaniline	9.19	65	7341	6.56	ng	42
48) Acenaphthylene	9.51	152	46069	7.64	ng	1
49) Dimethylphthalate	9.36	163	38636	9.10	ng	1
50) 2,6-Dinitrotoluene	9.45	165	39368	40.50	ng	76
51) Acenaphthene	9.67	154	79537	21.14	ng	71
52) 3-Nitroaniline	9.60	138	42929	38.27	ng	18
53) 2,4-Dinitrophenol	9.86	184	6483	17.25	ng	1
54) Dibenzofuran	9.84	168	67936	13.11	ng	1
55) 4-Nitrophenol	9.85	139	61341	70.46	ng	38
56) 2,4-Dinitrotoluene	9.85	165	20428	16.35	ng	56
57) Fluorene	10.18	166	150700	42.80	ng	69
59) Diethylphthalate	10.09	149	17820	4.15	ng	12

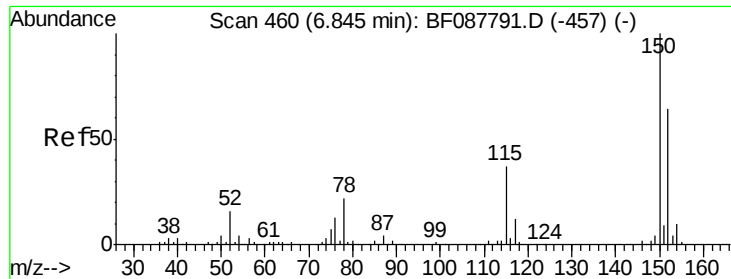
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
 Data File : BF088368.D
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 Operator : UM/SJ
 Sample : H3629-02
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 4-Nitroaniline	10.06	138	9971	9.37	ng	93
62) Azobenzene	10.35	77	43039	10.13	ng	# 11
64) 4,6-Dinitro-2-methylphenol	10.25	198	1985	4.12	ng	# 1
65) n-Nitrosodiphenylamine	10.30	169	343848	66.83	ng	# 47
68) Atrazine	10.79	200	6466	4.15	ng	# 1
69) Pentachlorophenol	10.95	266	3321	3.65	ng	# 25
70) Phenanthrene	11.13	178	259966	31.95	ng	# 92
71) Anthracene	11.18	178	41656	5.08	ng	# 52
74) Fluoranthene	12.30	202	95964	11.18	ng	89
77) Pyrene	12.51	202	129126	10.76	ng	# 93
80) Benzo(a)anthracene	13.69	228	34125	3.70	ng	# 90
82) Chrysene	13.69	228	34125	3.93	ng	# 89
83) Bis(2-ethylhexyl)phthalate	13.68	149	24363	3.77	ng	# 89
87) Benzo(b)fluoranthene	14.70	252	34404	3.35	ng	# 89
88) Benzo(k)fluoranthene	14.70	252	34404	4.44	ng	# 94
89) Benzo(a)pyrene	15.01	252	18495	2.22	ng	96

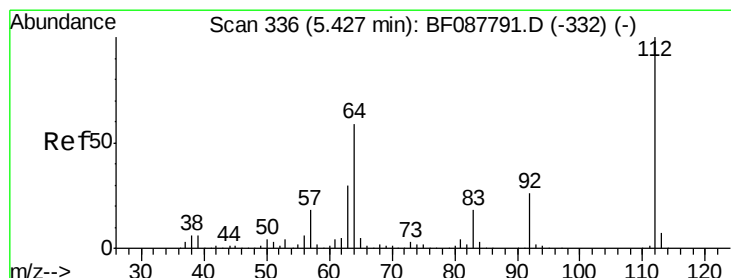
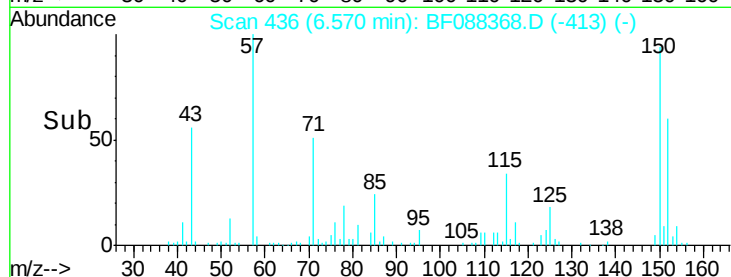
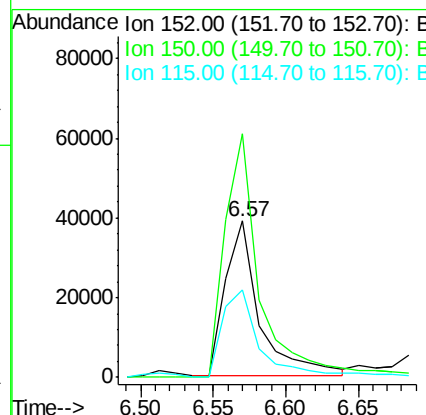
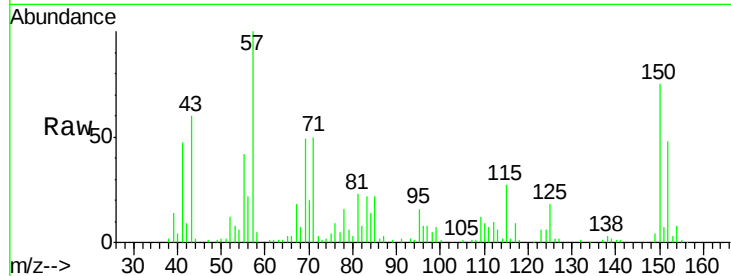
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.57 min Scan# 436
 Delta R.T. -0.03 min
 Lab File: BF088368.D
 Acq: 25 Jun 2016 10:58

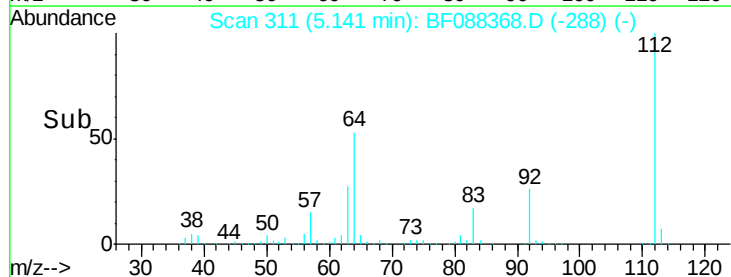
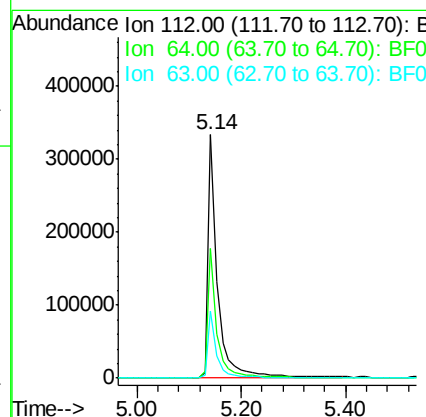
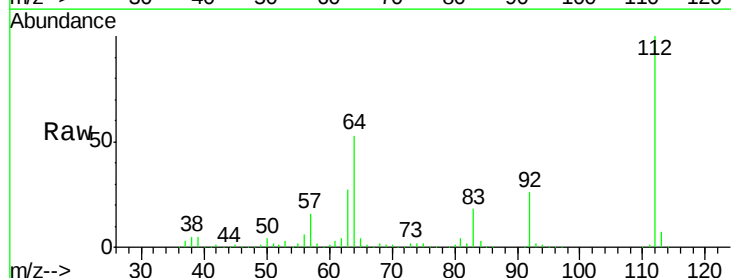
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-5B(5-7)

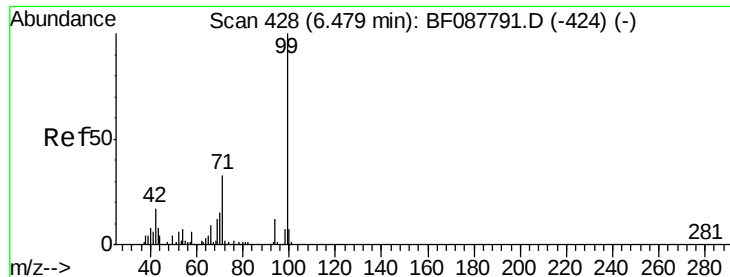
Tgt Ion:152 Resp: 63273
 Ion Ratio Lower Upper
 152 100
 150 156.0 123.8 185.6
 115 56.3 39.6 59.4



#5
 2-Fluorophenol
 Concen: 118.14 ng
 RT: 5.14 min Scan# 311
 Delta R.T. -0.03 min
 Lab File: BF088368.D
 Acq: 25 Jun 2016 10:58

Tgt Ion:112 Resp: 437252
 Ion Ratio Lower Upper
 112 100
 64 53.3 42.2 63.2
 63 27.5 21.8 32.8





#7

Phenol-d6

Concen: 118.33 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.03 min

Lab File: BF088368.D

Acq: 25 Jun 2016 10:58

Instrument :

BNA_F

ClientSampleId :

LOCATION-5B(5-7)

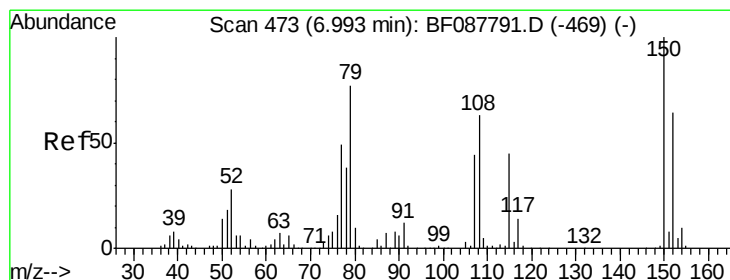
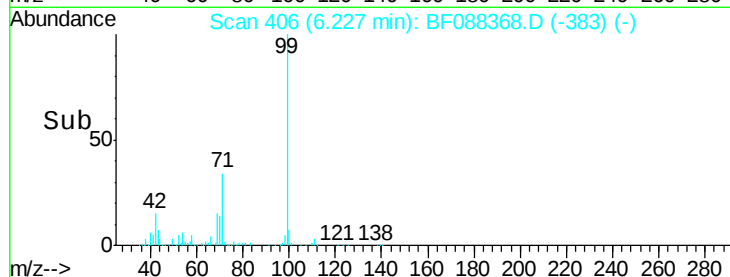
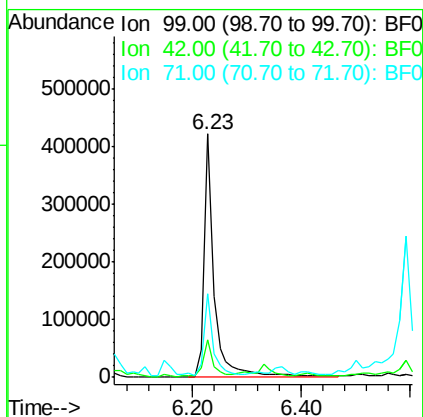
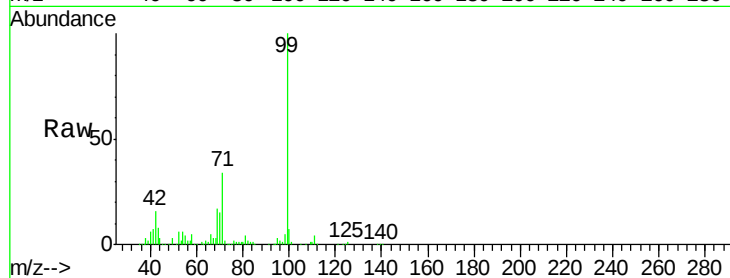
Tgt Ion: 99 Resp: 530778

Ion Ratio Lower Upper

99 100

42 15.6 12.2 18.2

71 34.2 23.4 35.0



#15

Benzyl Alcohol

Concen: 3.11 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.05 min

Lab File: BF088368.D

Acq: 25 Jun 2016 10:58

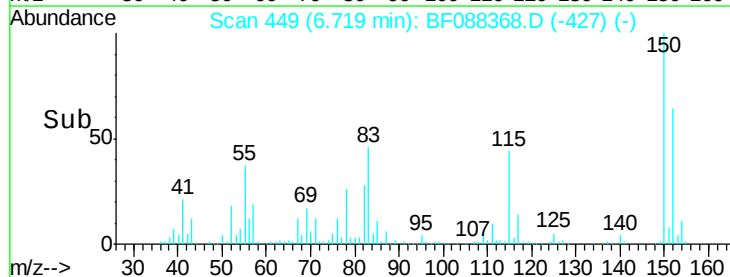
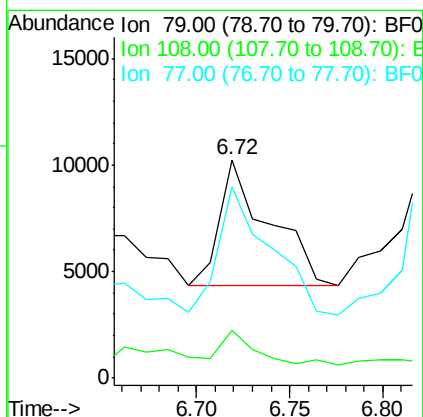
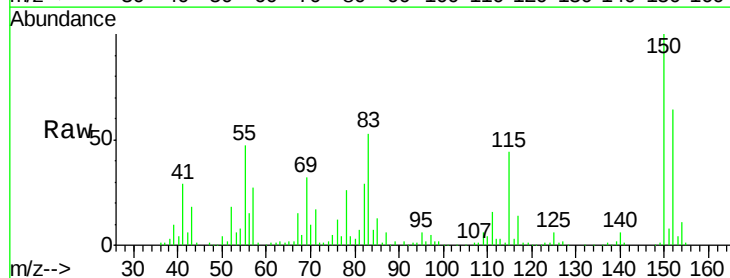
Tgt Ion: 79 Resp: 10899

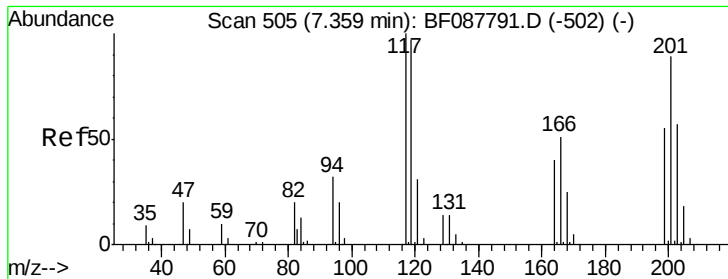
Ion Ratio Lower Upper

79 100

108 21.8 65.0 97.6#

77 87.2 50.3 75.5#

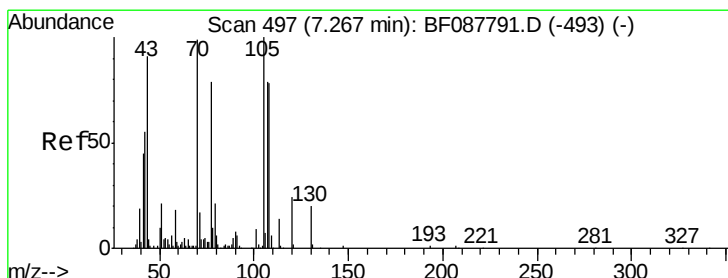
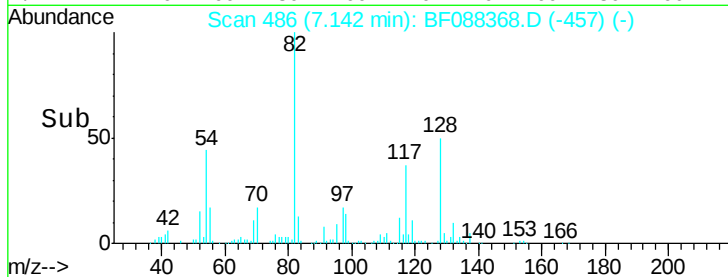
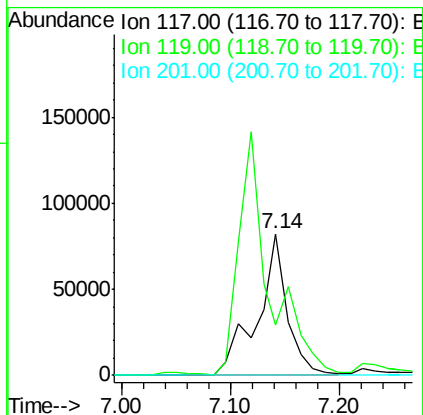
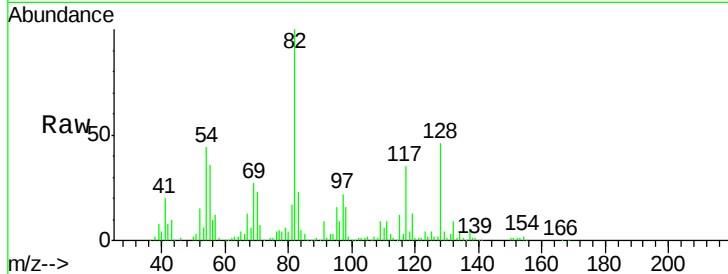




#18
Hexachloroethane
Concen: 93.87 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.03 min
Lab File: BF088368.D
Acq: 25 Jun 2016 10:58

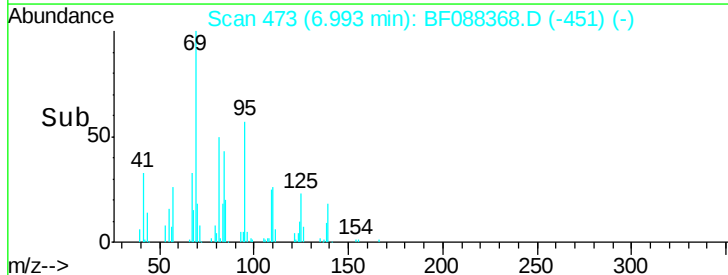
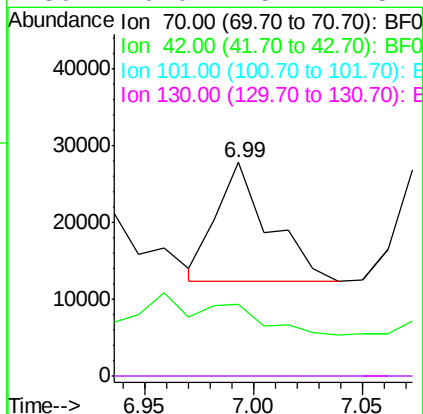
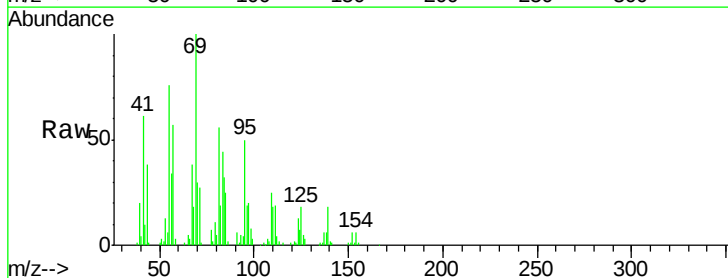
Instrument :
BNA_F
ClientSampleId :
LOCATION-5B(5-7)

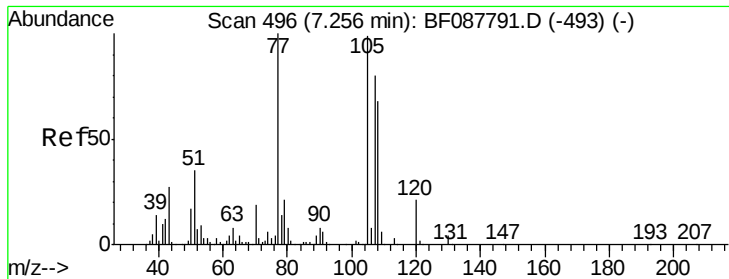
Tgt Ion: 117 Resp: 157721
Ion Ratio Lower Upper
117 100
119 35.9 77.4 116.2#
201 0.0 80.4 120.6#



#19
n-Nitroso-di-n-propylamine
Concen: 9.00 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.05 min
Lab File: BF088368.D
Acq: 25 Jun 2016 10:58

Tgt Ion: 70 Resp: 25813
Ion Ratio Lower Upper
70 100
42 33.7 49.6 74.4#
101 0.0 7.1 10.7#
130 0.0 15.4 23.2#

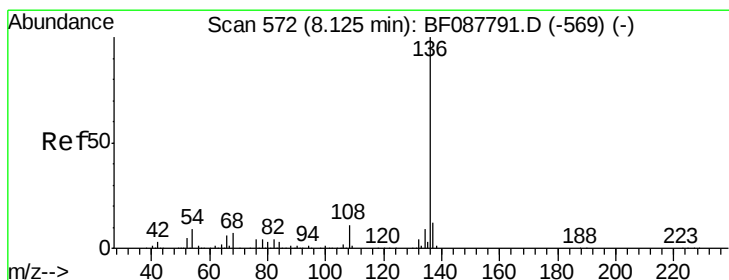
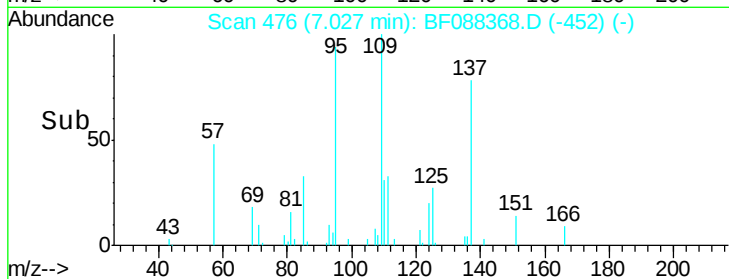
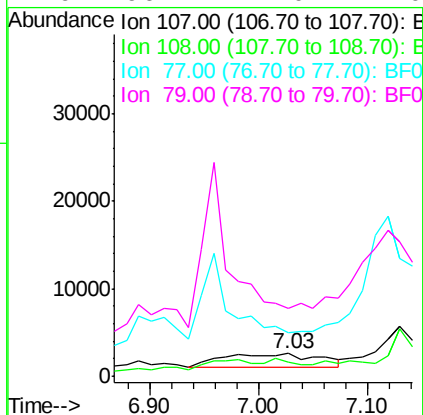
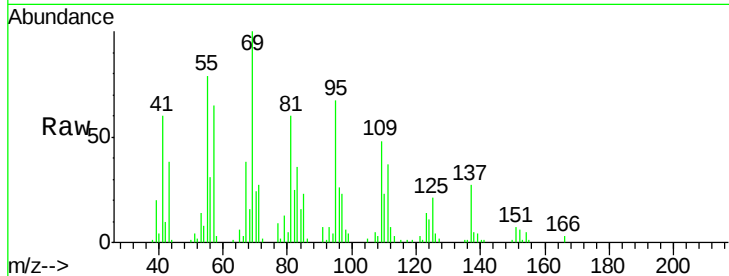




#20
3+4-Methylphenols
Concen: 2.26 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.02 min
Lab File: BF088368.D
Acq: 25 Jun 2016 10:58

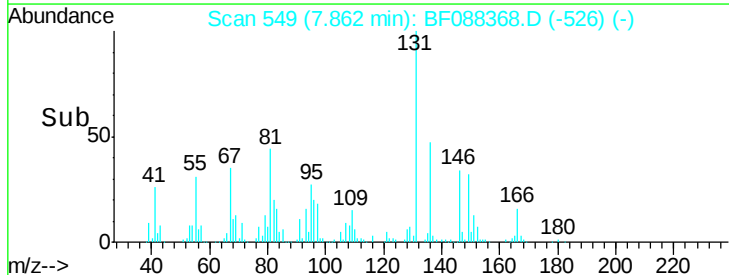
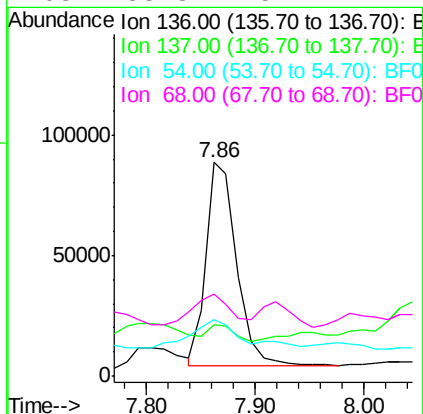
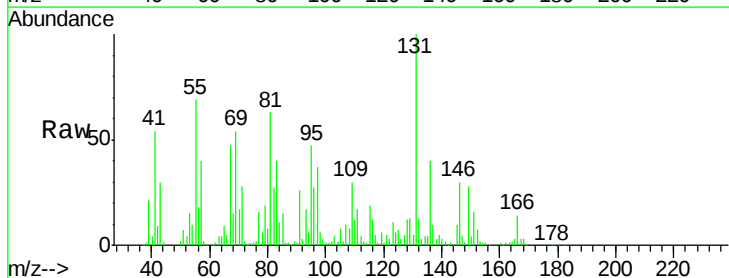
Instrument :
BNA_F
ClientSampleId :
LOCATION-5B(5-7)

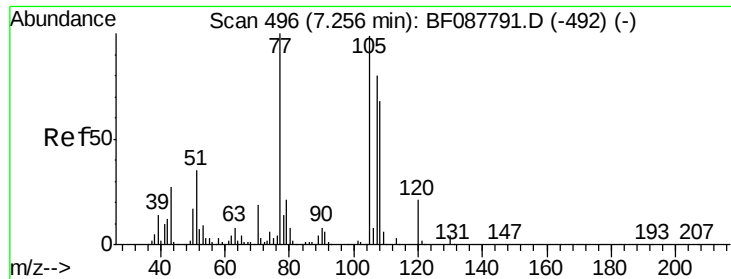
Tgt Ion	Ratio	Lower	Upper
107	100		
108	59.5	67.8	107.8#
77	191.3	59.3	99.3#
79	296.2	7.0	47.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF088368.D
Acq: 25 Jun 2016 10:58

Tgt Ion	Ratio	Lower	Upper
136	100		
137	24.2	9.1	13.7#
54	26.5	6.6	10.0#
68	38.3	5.1	7.7#

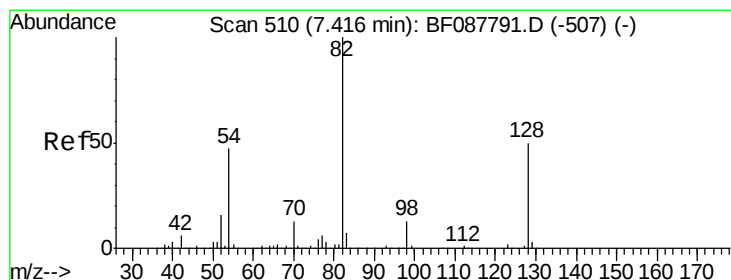
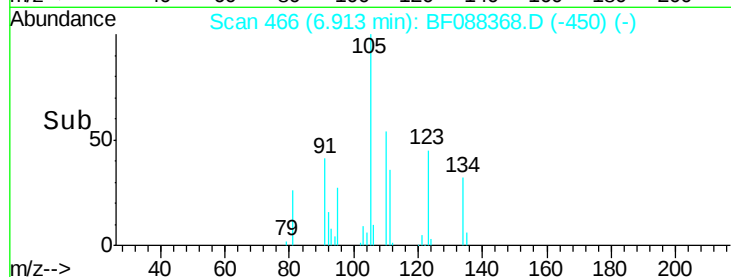
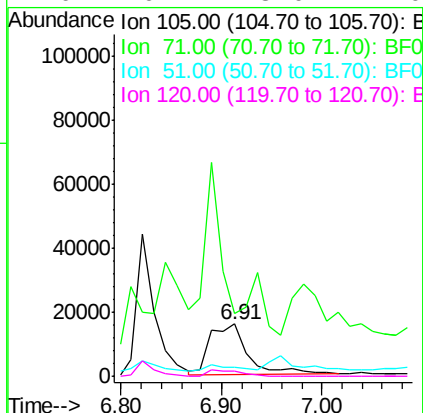
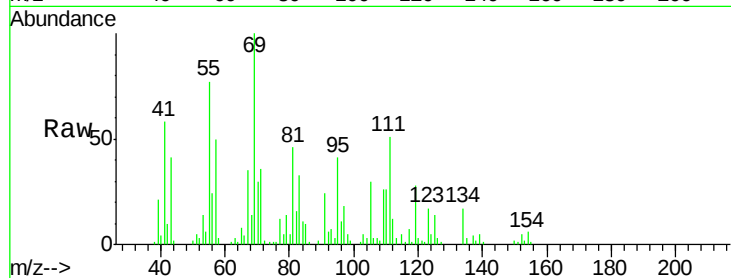




#22
Acetophenone
Concen: 10.85 ng
RT: 6.91 min Scan# 466
Delta R.T. -0.11 min
Lab File: BF088368.D
Acq: 25 Jun 2016 10:58

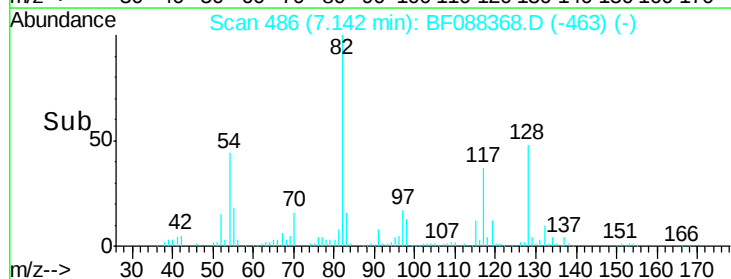
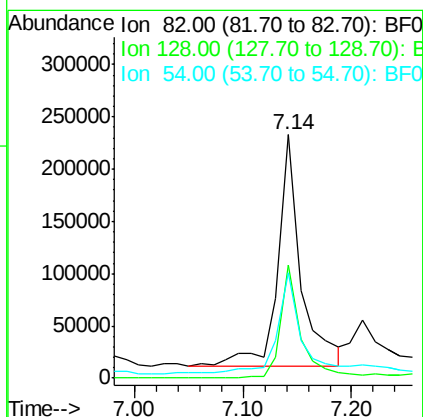
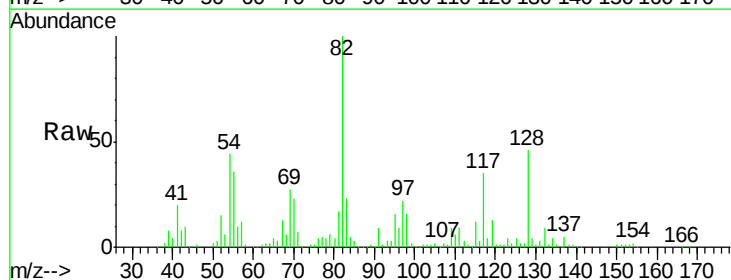
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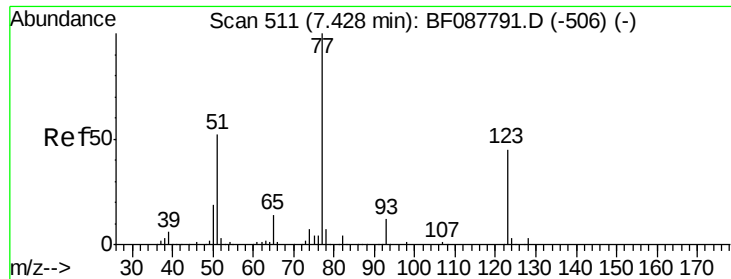
Tgt Ion:105 Resp: 39722
Ion Ratio Lower Upper
105 100
71 121.7 5.3 7.9#
51 18.0 18.2 27.4#
120 10.1 18.0 27.0#



#23
Nitrobenzene-d5
Concen: 116.12 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.03 min
Lab File: BF088368.D
Acq: 25 Jun 2016 10:58

Tgt Ion: 82 Resp: 325750
Ion Ratio Lower Upper
82 100
128 46.2 35.9 53.9
54 43.5 40.9 61.3

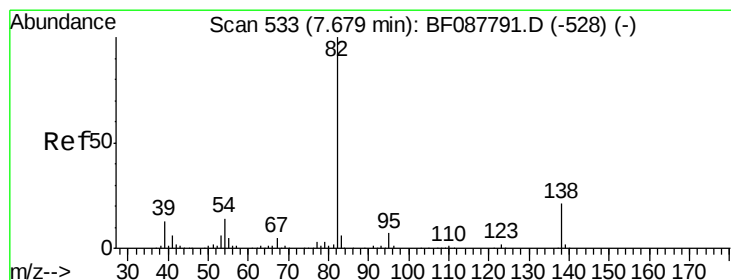
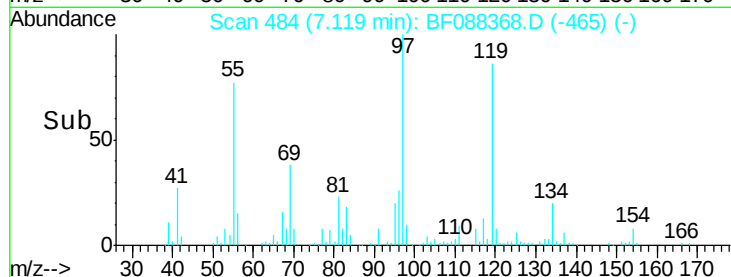
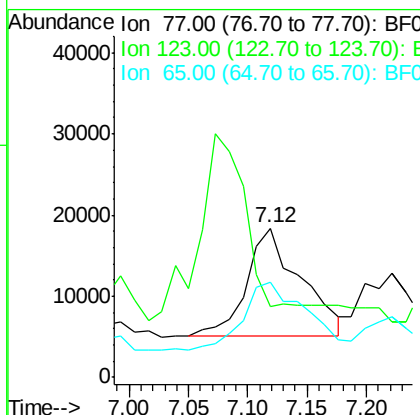
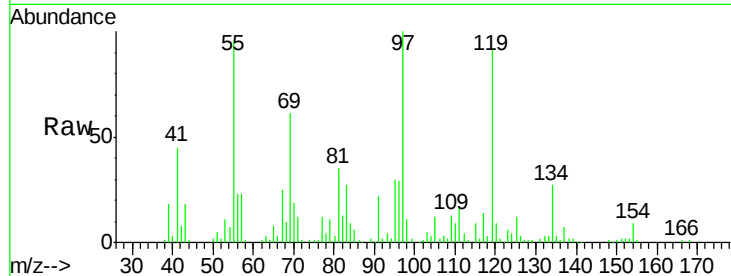




#24
 Nitrobenzene
 Concen: 15.54 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.08 min
 Lab File: BF088368.D
 Acq: 25 Jun 2016 10:58

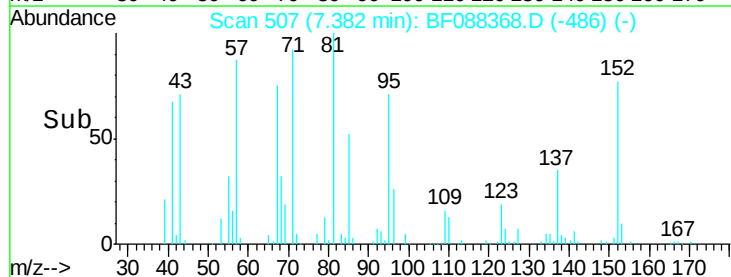
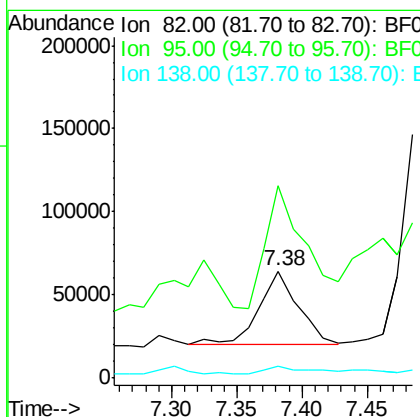
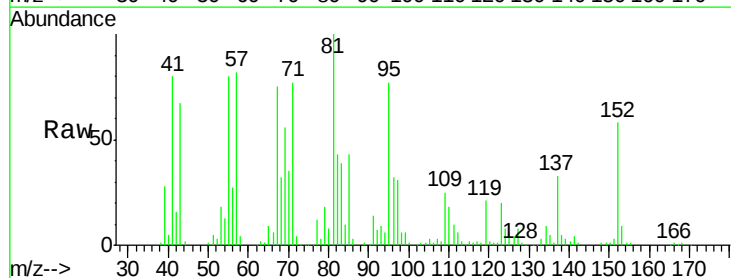
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-5B(5-7)

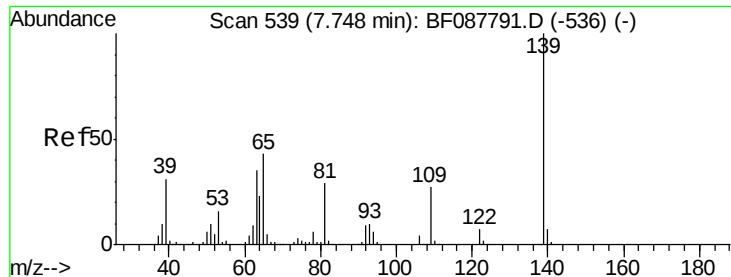
Tgt Ion: 77 Resp: 42231
 Ion Ratio Lower Upper
 77 100
 123 47.2 45.0 67.4
 65 63.8 10.2 15.2#



#25
 Isophorone
 Concen: 17.53 ng
 RT: 7.38 min Scan# 507
 Delta R.T. -0.06 min
 Lab File: BF088368.D
 Acq: 25 Jun 2016 10:58

Tgt Ion: 82 Resp: 91074
 Ion Ratio Lower Upper
 82 100
 95 179.3 5.4 8.2#
 138 10.6 14.6 21.8#





#26

2-Nitrophenol

Concen: 17.24 ng

RT: 7.54 min Scan# 521

Delta R.T. 0.02 min

Lab File: BF088368.D

Acq: 25 Jun 2016 10:58

Instrument :

BNA_F

ClientSampleId :

LOCATION-5B(5-7)

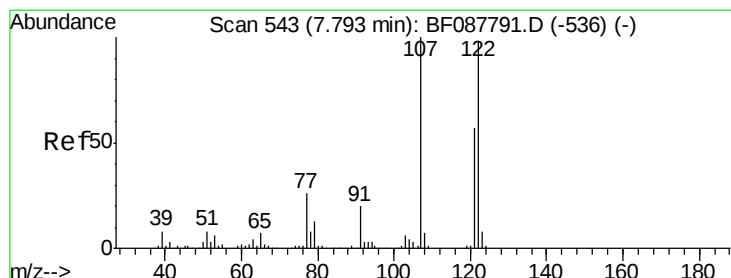
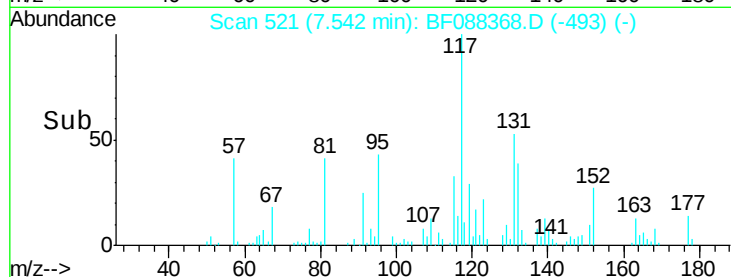
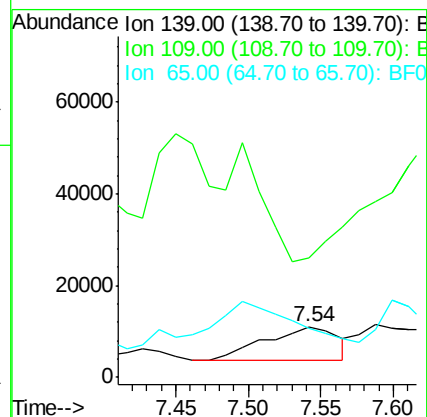
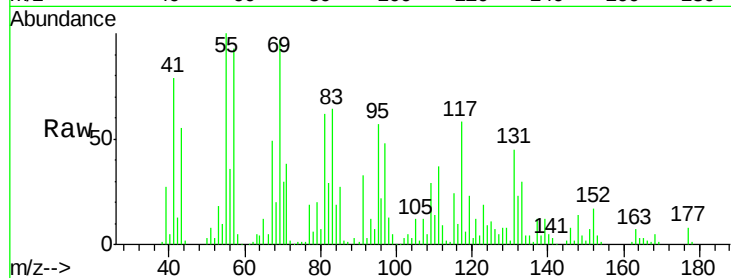
Tgt Ion:139 Resp: 25099

Ion Ratio Lower Upper

139 100

109 235.9 23.0 34.4#

65 96.8 45.8 68.8#



#27

2,4-Dimethylphenol

Concen: 11.96 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.07 min

Lab File: BF088368.D

Acq: 25 Jun 2016 10:58

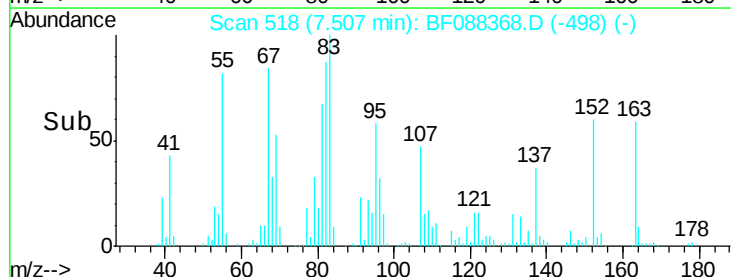
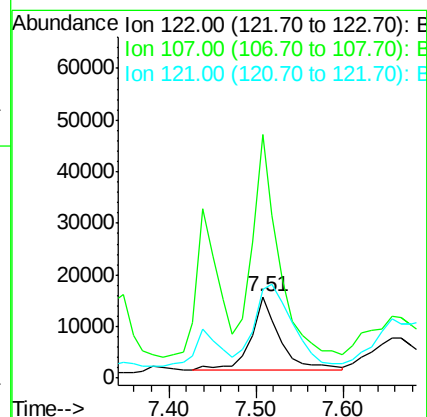
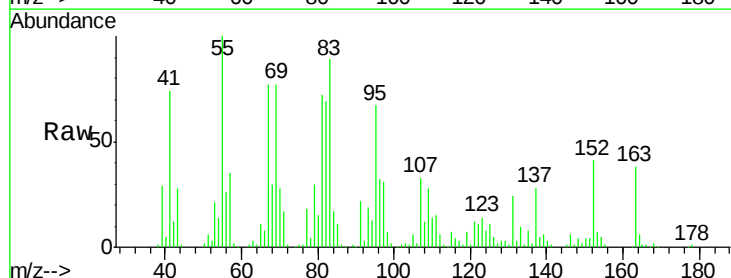
Tgt Ion:122 Resp: 32053

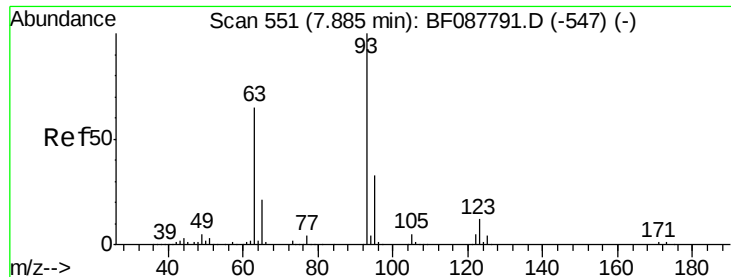
Ion Ratio Lower Upper

122 100

107 299.4 82.4 123.6#

121 109.4 46.3 69.5#

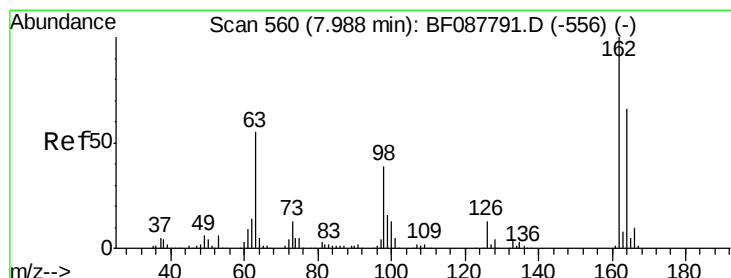
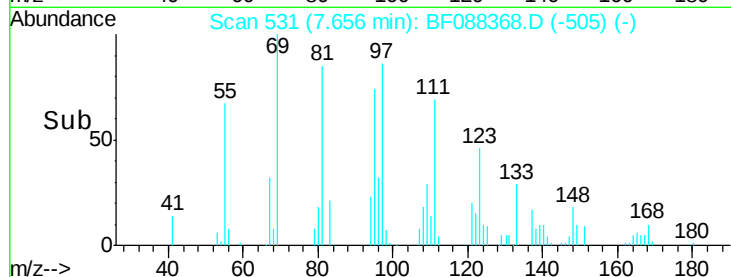
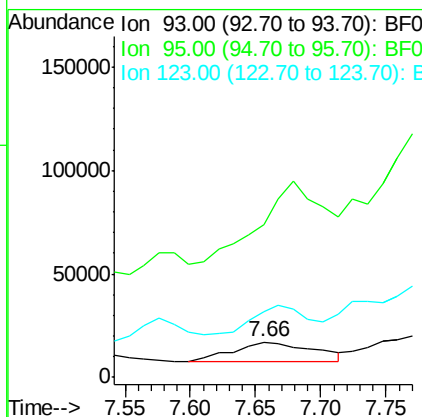
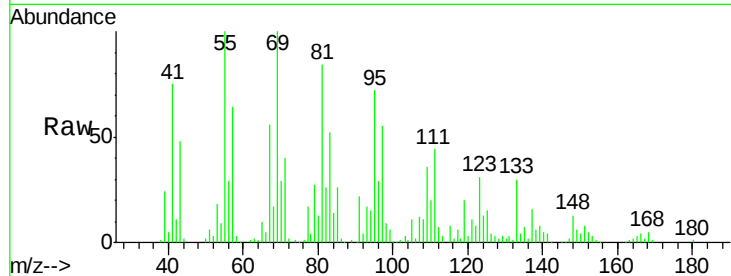




#28
bis(2-Chloroethoxy)methane
Concen: 12.54 ng
RT: 7.66 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF088368.D
Acq: 25 Jun 2016 10:58

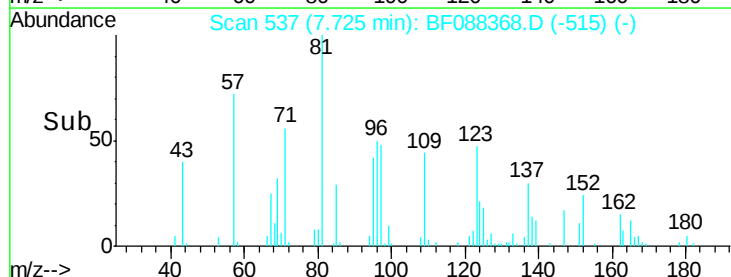
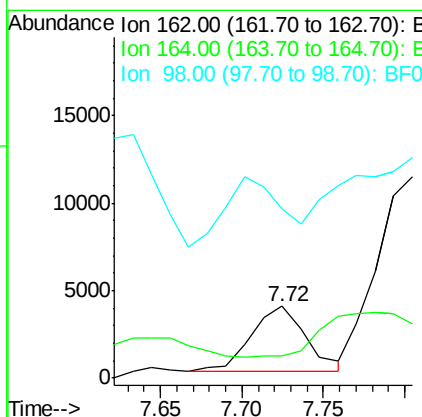
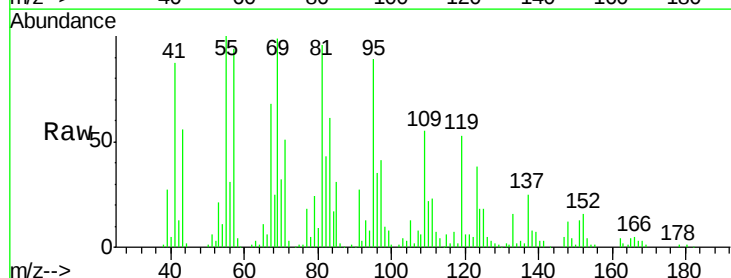
Instrument :
BNA_F
ClientSampleId :
LOCATION-5B(5-7)

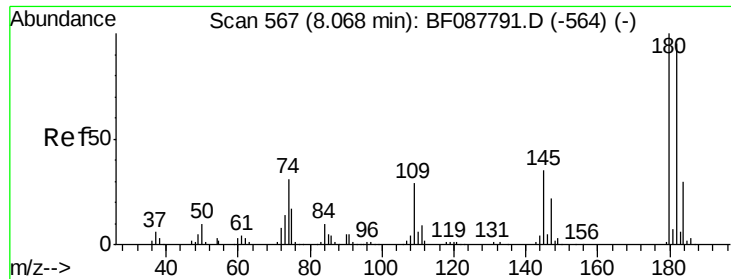
Tgt Ion: 93 Resp: 40407
Ion Ratio Lower Upper
93 100
95 429.9 26.5 39.7#
123 185.1 11.6 17.4#



#29
2,4-Dichlorophenol
Concen: 3.81 ng
RT: 7.72 min Scan# 537
Delta R.T. -0.05 min
Lab File: BF088368.D
Acq: 25 Jun 2016 10:58

Tgt Ion: 162 Resp: 8521
Ion Ratio Lower Upper
162 100
164 30.8 43.8 83.8#
98 236.2 21.3 61.3#

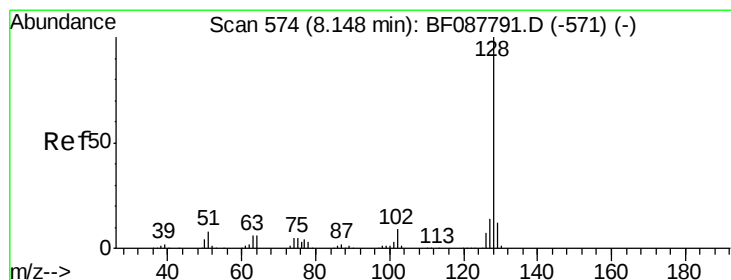
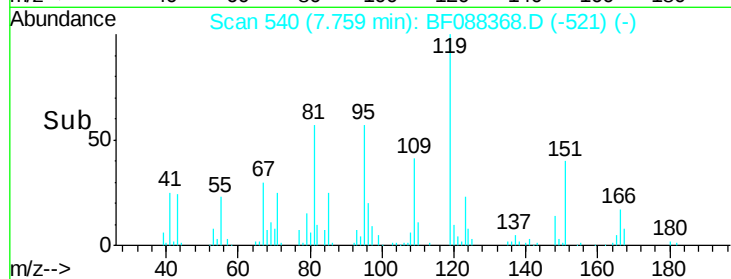
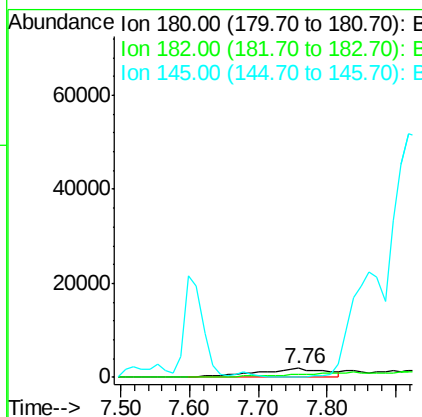
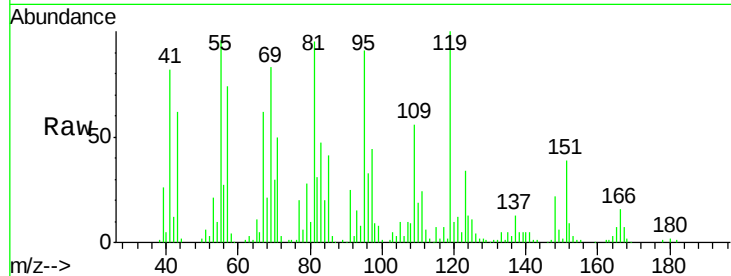




#30
 1,2,4-Trichlorobenzene
 Concen: 5.66 ng
 RT: 7.76 min Scan# 540
 Delta R.T. -0.08 min
 Lab File: BF088368.D
 Acq: 25 Jun 2016 10:58

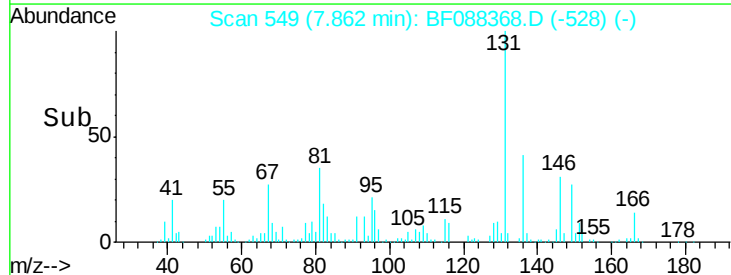
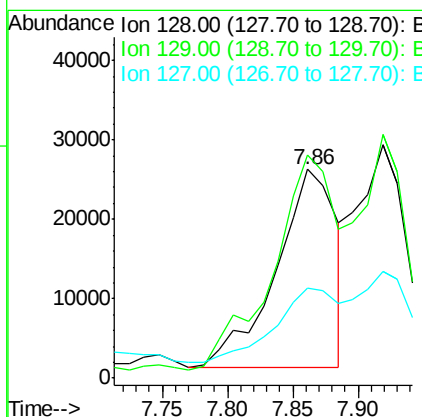
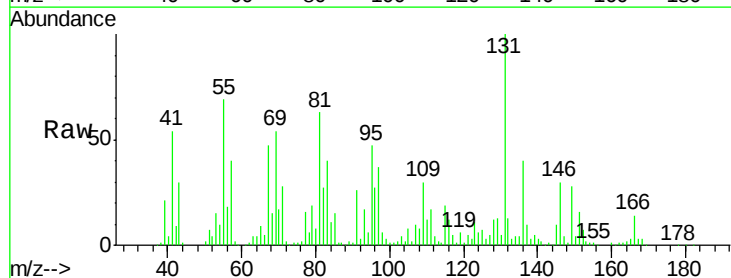
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-5B(5-7)

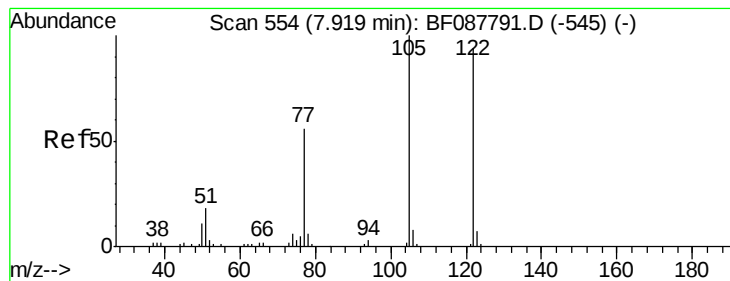
Tgt Ion:180 Resp: 13795
 Ion Ratio Lower Upper
 180 100
 182 33.3 76.0 114.0#
 145 0.0 26.5 39.7#



#31
 Naphthalene
 Concen: 9.86 ng
 RT: 7.86 min Scan# 549
 Delta R.T. -0.06 min
 Lab File: BF088368.D
 Acq: 25 Jun 2016 10:58

Tgt Ion:128 Resp: 79955
 Ion Ratio Lower Upper
 128 100
 129 107.0 9.4 14.2#
 127 43.0 10.9 16.3#





#32

Benzoic acid

Concen: 15.00 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.07 min

Lab File: BF088368.D

Acq: 25 Jun 2016 10:58

Instrument :

BNA_F

ClientSampleId :

LOCATION-5B(5-7)

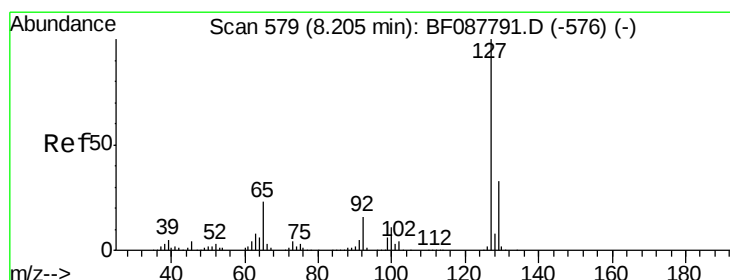
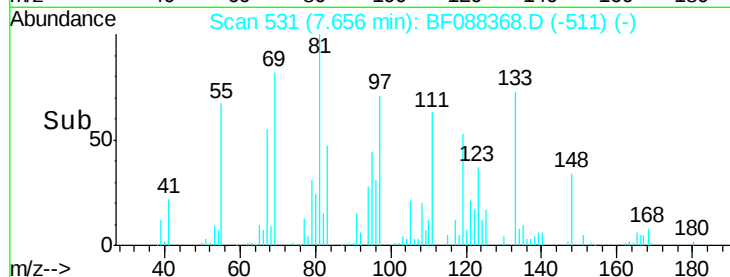
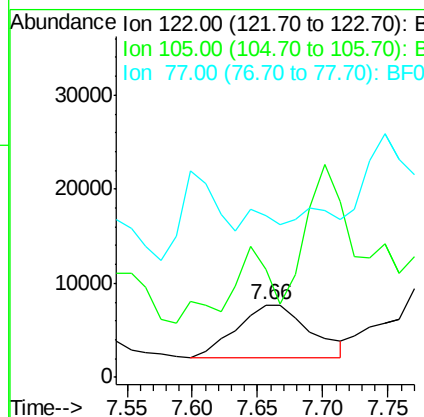
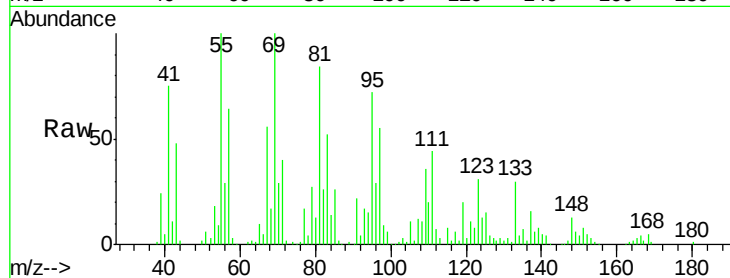
Tgt Ion:122 Resp: 22144

Ion Ratio Lower Upper

122 100

105 148.8 101.6 141.6#

77 223.0 70.6 110.6#



#33

4-Chloroaniline

Concen: 6.68 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.06 min

Lab File: BF088368.D

Acq: 25 Jun 2016 10:58

Tgt Ion:127 Resp: 24196

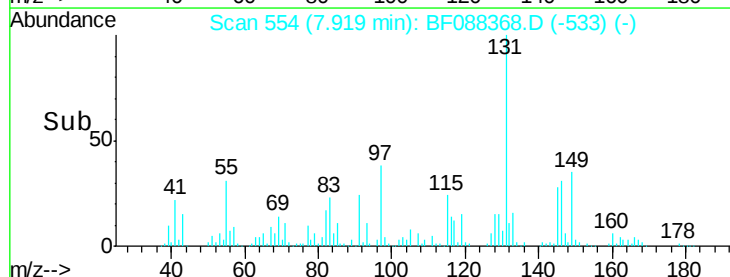
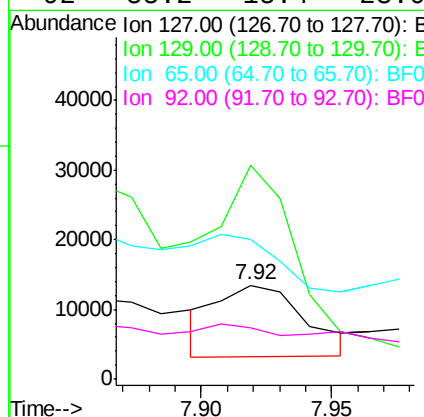
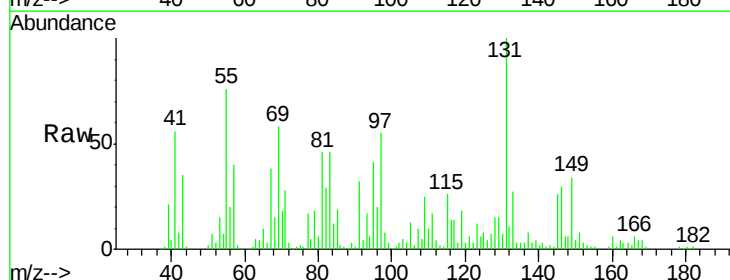
Ion Ratio Lower Upper

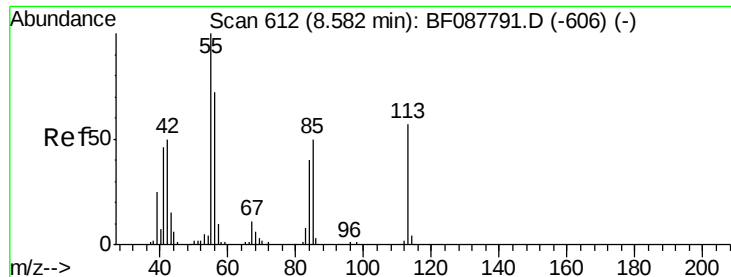
127 100

129 227.3 26.3 39.5#

65 149.0 24.7 37.1#

92 55.2 15.4 23.0#





#35

Caprolactam

Concen: 177.64 ng

RT: 8.33 min Scan# 590

Delta R.T. -0.03 min

Lab File: BF088368.D

Acq: 25 Jun 2016 10:58

Instrument :

BNA_F

ClientSampleId :

LOCATION-5B(5-7)

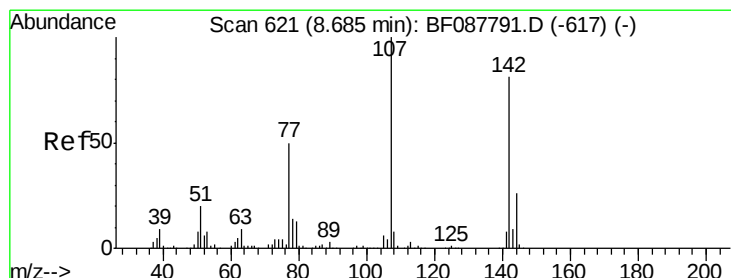
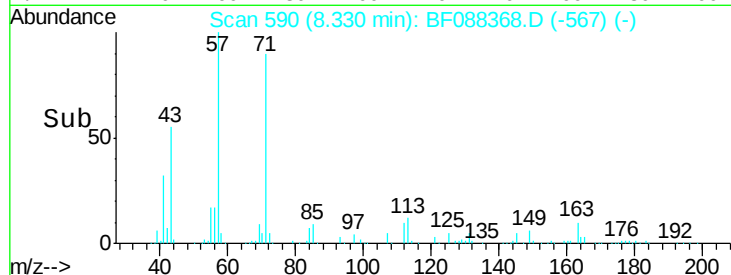
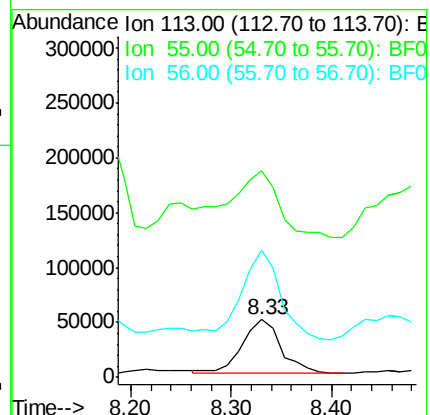
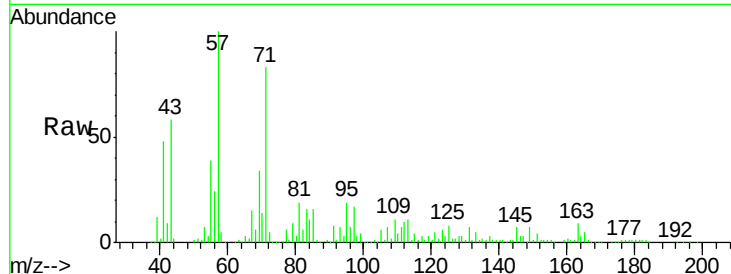
Tgt Ion:113 Resp: 131671

Ion Ratio Lower Upper

113 100

55 355.5 158.6 198.6#

56 220.0 110.6 150.6#



#36

4-Chloro-3-methylphenol

Concen: 18.81 ng

RT: 8.41 min Scan# 597

Delta R.T. -0.07 min

Lab File: BF088368.D

Acq: 25 Jun 2016 10:58

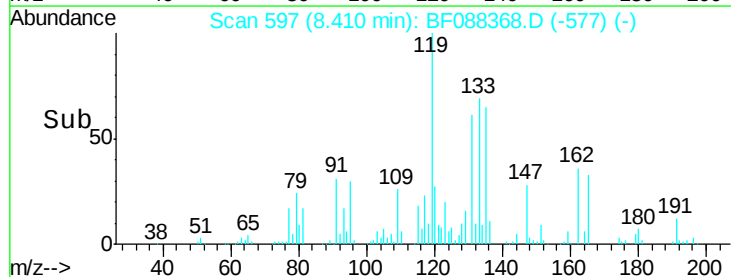
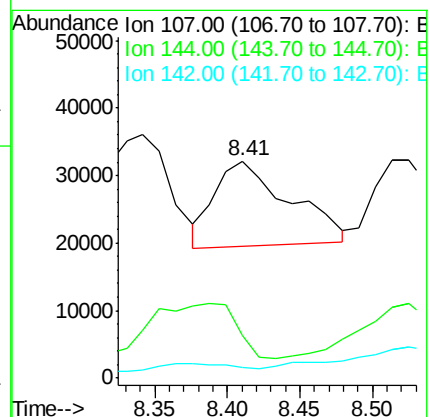
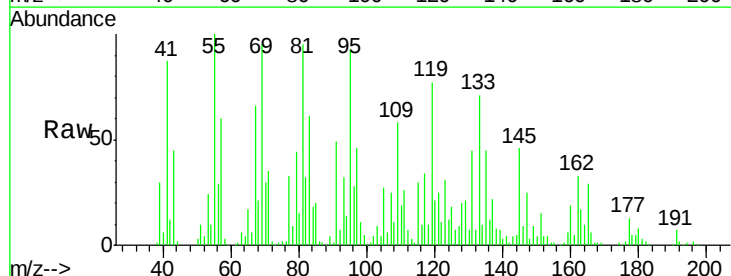
Tgt Ion:107 Resp: 45007

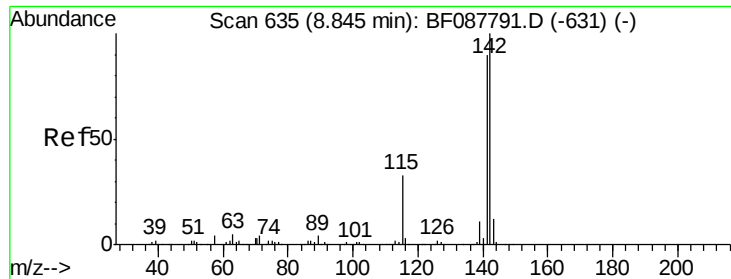
Ion Ratio Lower Upper

107 100

144 19.7 20.8 31.2#

142 5.1 63.4 95.2#

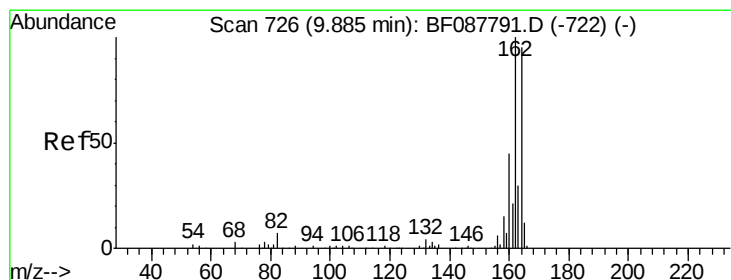
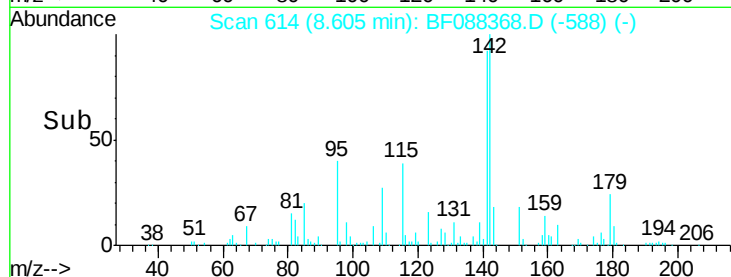
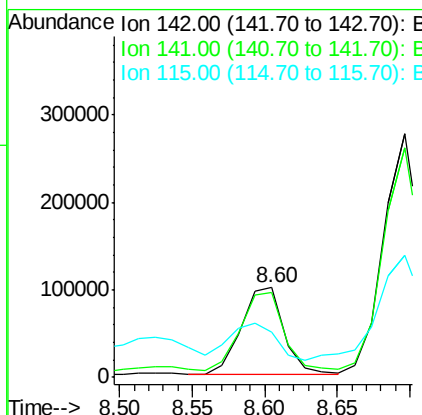
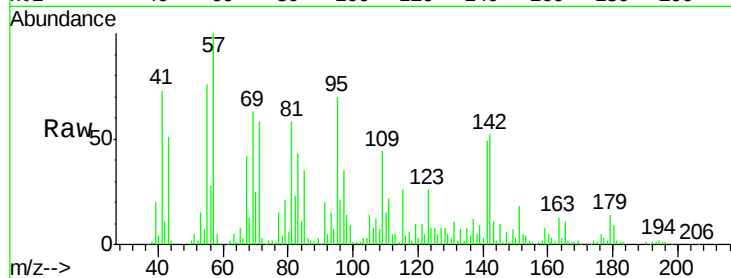




#37
 2-Methylnaphthalene
 Concen: 38.36 ng
 RT: 8.60 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF088368.D
 Acq: 25 Jun 2016 10:58

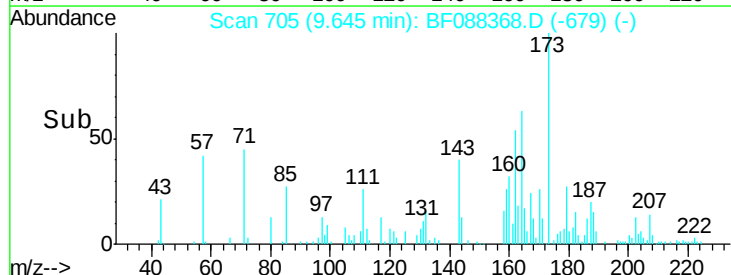
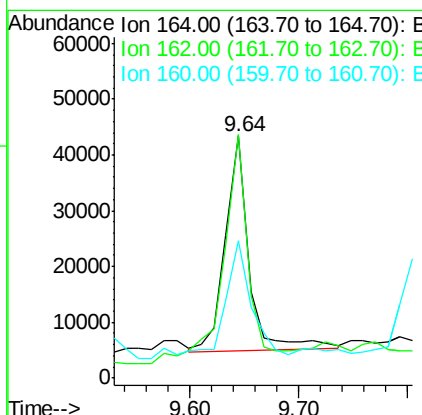
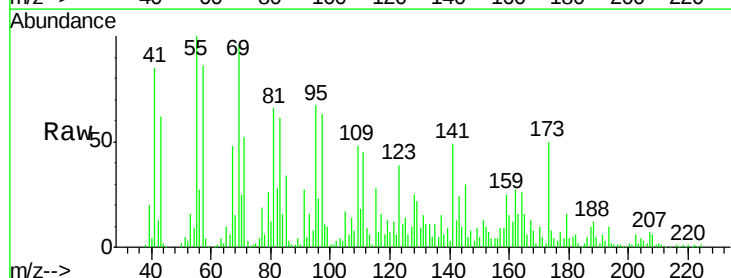
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-5B(5-7)

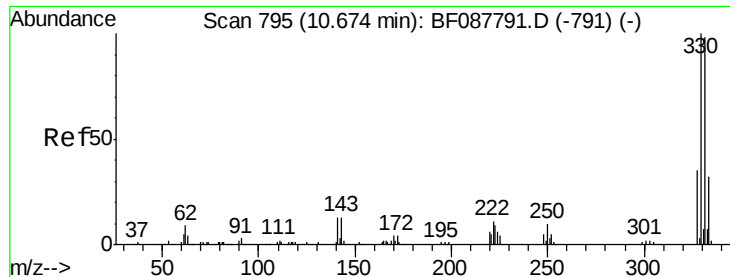
Tgt Ion:142 Resp: 204955
 Ion Ratio Lower Upper
 142 100
 141 94.7 71.0 106.6
 115 49.7 22.6 33.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. 0.00 min
 Lab File: BF088368.D
 Acq: 25 Jun 2016 10:58

Tgt Ion:164 Resp: 58598
 Ion Ratio Lower Upper
 164 100
 162 100.7 85.4 128.2
 160 57.0 39.5 59.3

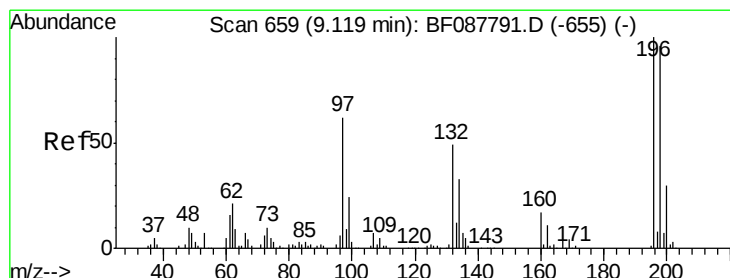
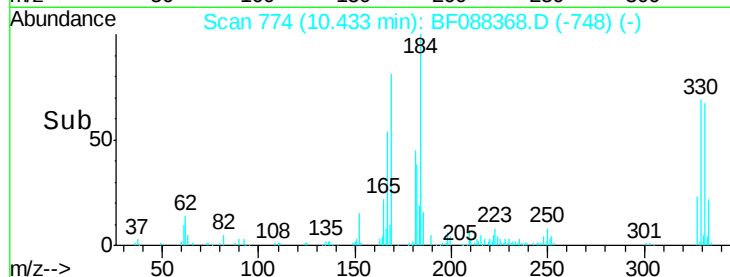
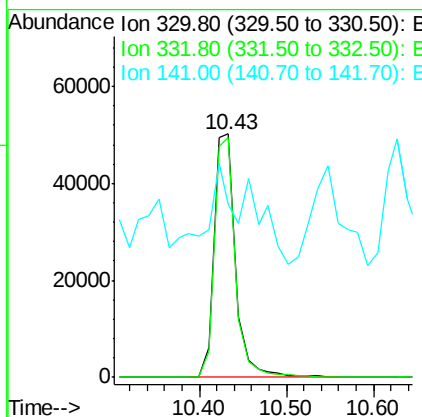
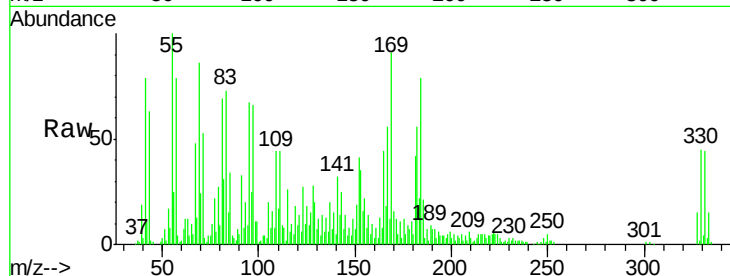




#41
 2,4,6-Tribromophenol
 Concen: 140.47 ng
 RT: 10.43 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF088368.D
 Acq: 25 Jun 2016 10:58

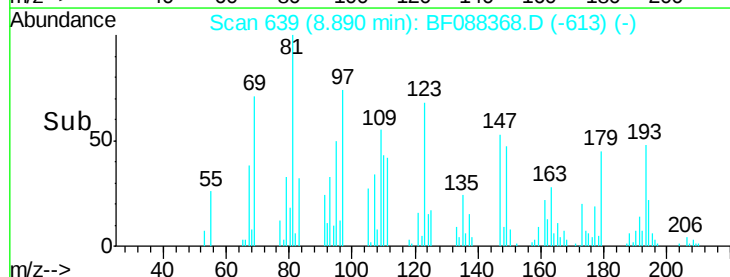
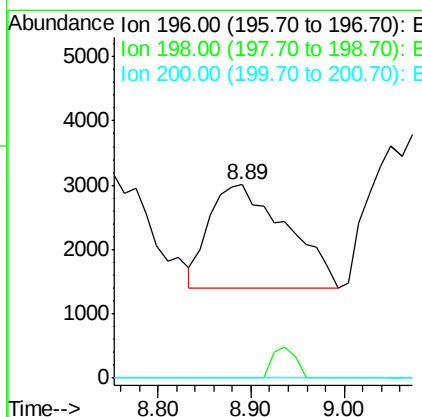
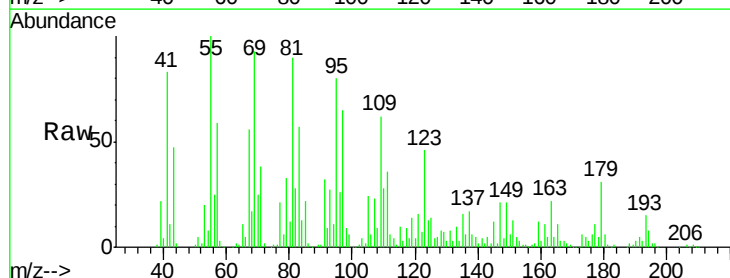
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-5B(5-7)

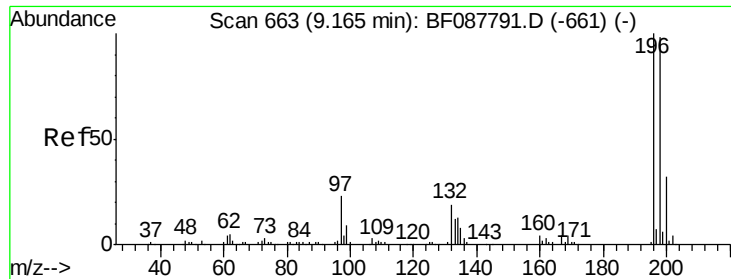
Tgt Ion:330 Resp: 86912
 Ion Ratio Lower Upper
 330 100
 332 96.3 0.0 0.0#
 141 22.0 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 7.93 ng
 RT: 8.89 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF088368.D
 Acq: 25 Jun 2016 10:58

Tgt Ion:196 Resp: 9287
 Ion Ratio Lower Upper
 196 100
 198 0.0 78.0 117.0#
 200 0.0 25.4 38.2#

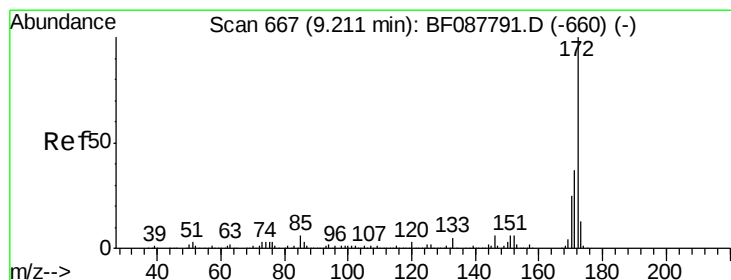
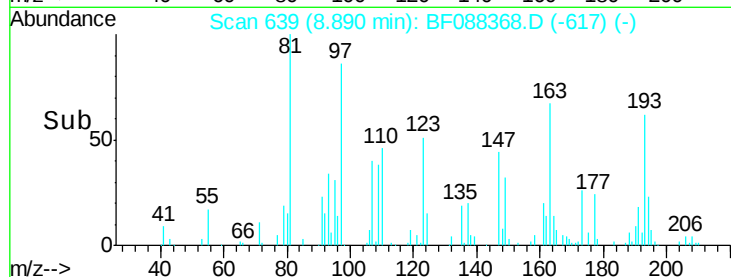
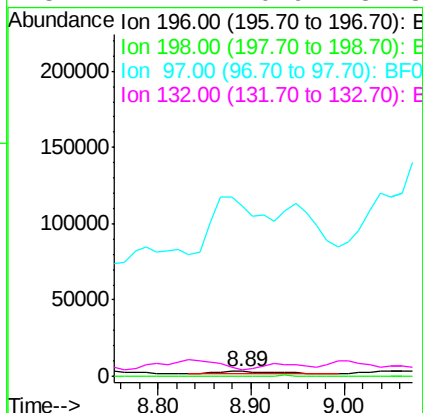
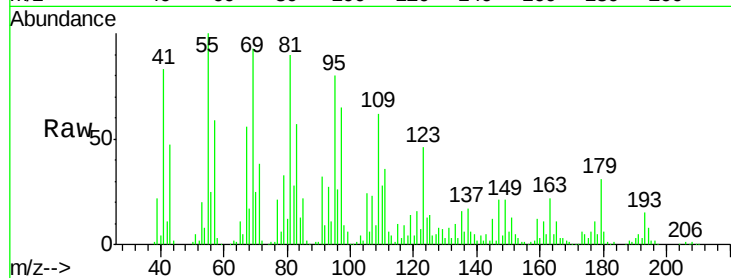




#43
2,4,5-Trichlorophenol
Concen: 7.62 ng
RT: 8.89 min Scan# 639
Delta R.T. -0.05 min
Lab File: BF088368.D
Acq: 25 Jun 2016 10:58

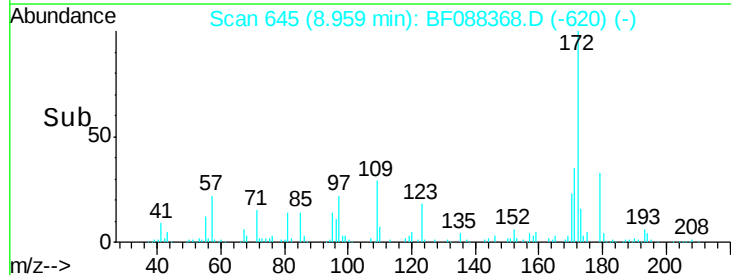
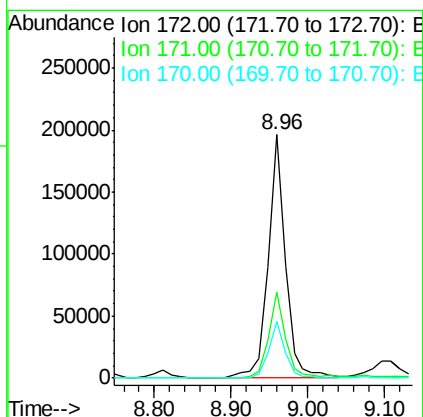
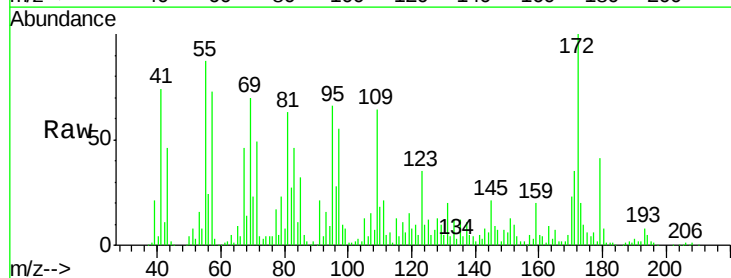
Instrument :
BNA_F
ClientSampleId :
LOCATION-5B(5-7)

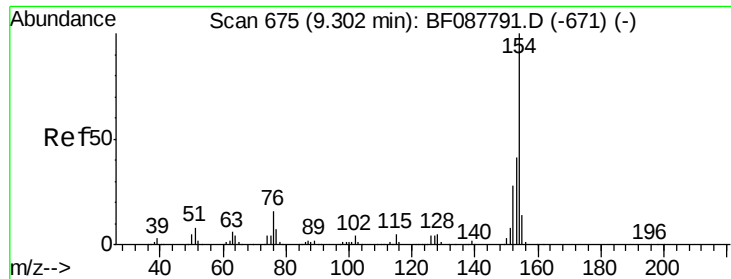
Tgt Ion:196 Resp: 9287
Ion Ratio Lower Upper
196 100
198 0.0 77.5 116.3#
97 3713.6 32.0 48.0#
132 147.7 20.9 31.3#



#44
2-Fluorobiphenyl
Concen: 82.22 ng
RT: 8.96 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF088368.D
Acq: 25 Jun 2016 10:58

Tgt Ion:172 Resp: 307373
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.2 19.2 28.8

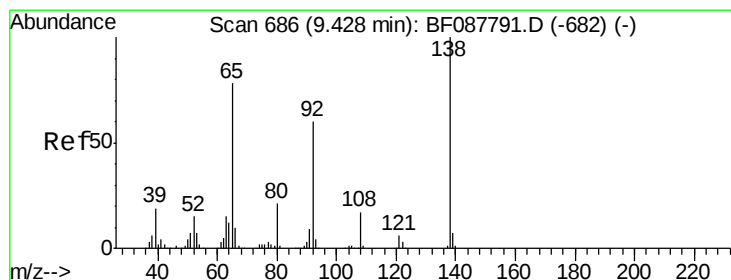
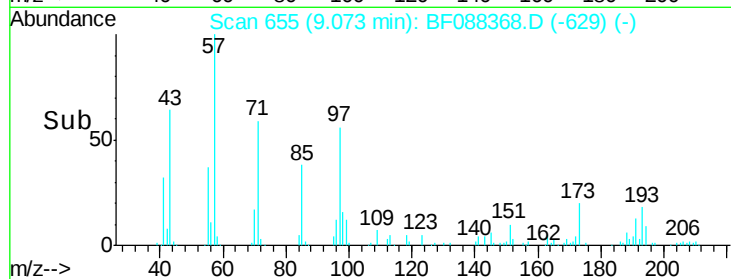
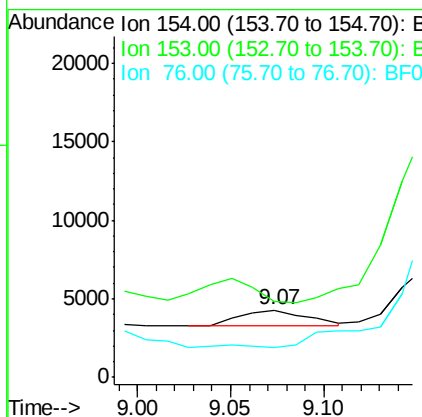
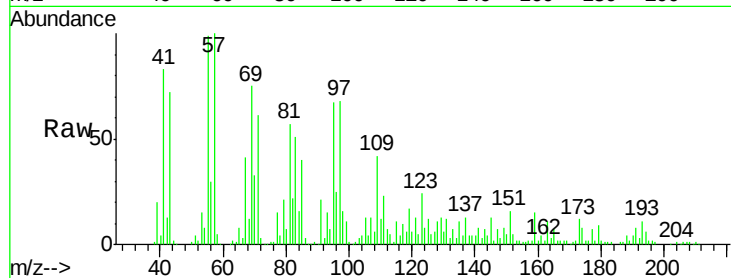




#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF088368.D
 Acq: 25 Jun 2016 10:58

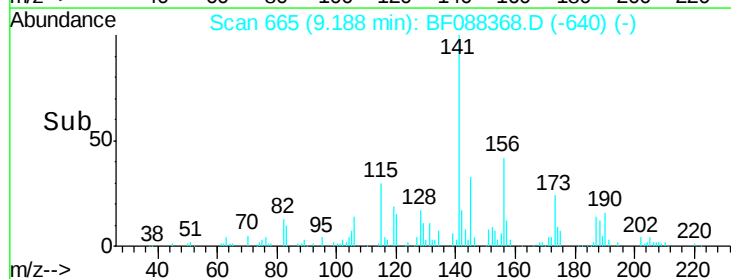
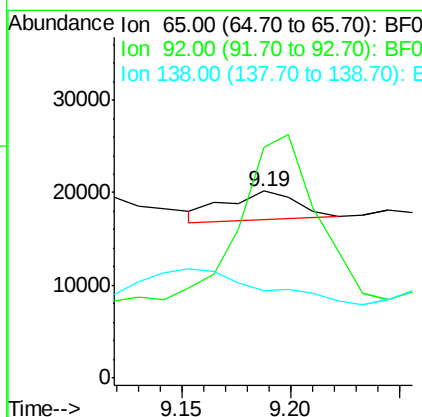
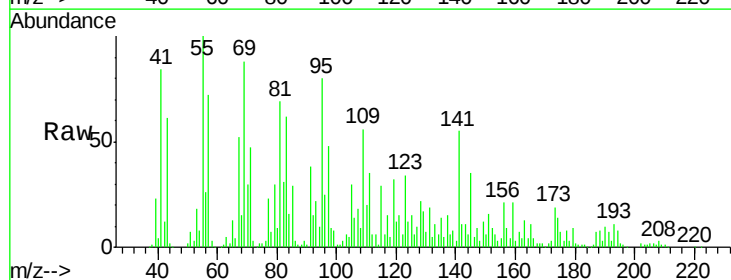
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-5B(5-7)

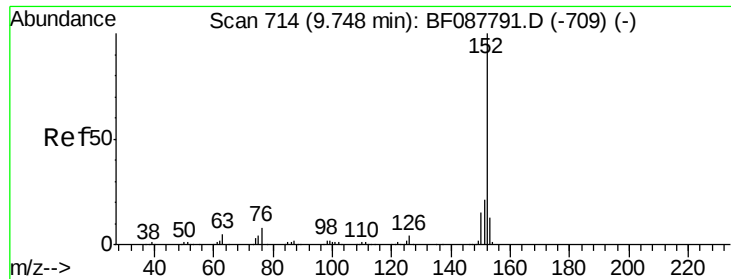
Tgt Ion: 154 Resp: 2645
 Ion Ratio Lower Upper
 154 100
 153 112.3 20.6 60.6#
 76 43.5 0.0 35.1#



#47
 2-Nitroaniline
 Concen: 6.56 ng
 RT: 9.19 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF088368.D
 Acq: 25 Jun 2016 10:58

Tgt Ion: 65 Resp: 7341
 Ion Ratio Lower Upper
 65 100
 92 123.2 54.6 82.0#
 138 46.4 77.0 115.4#





#48

Acenaphthylene

Concen: 7.64 ng

RT: 9.51 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF088368.D

Acq: 25 Jun 2016 10:58

Instrument :

BNA_F

ClientSampleId :

LOCATION-5B(5-7)

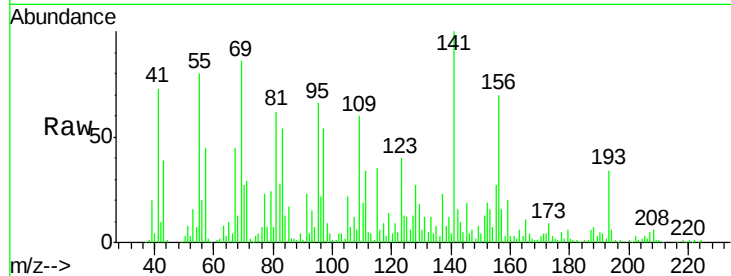
Tgt Ion:152 Resp: 46069

Ion Ratio Lower Upper

152 100

151 70.7 16.2 24.4#

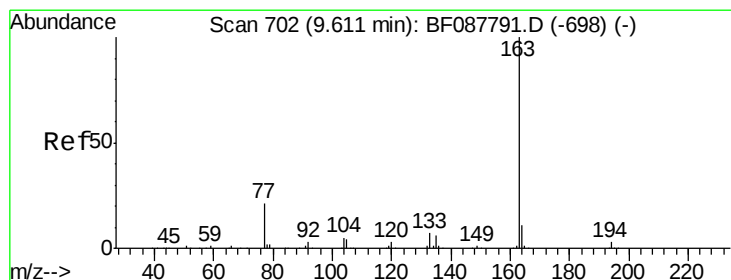
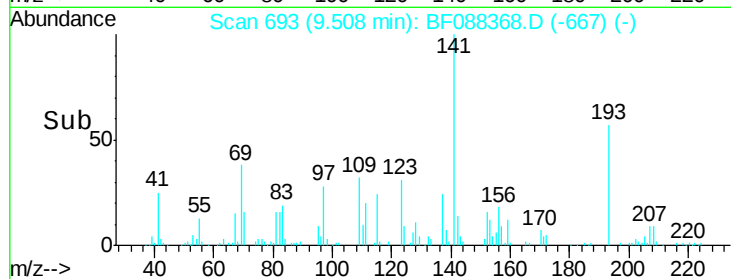
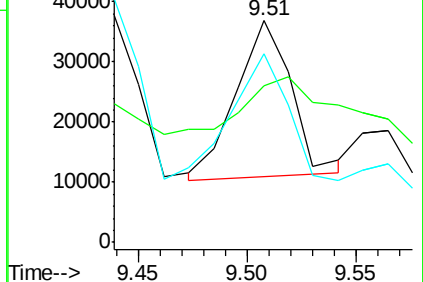
153 84.9 11.0 16.6#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 9.10 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF088368.D

Acq: 25 Jun 2016 10:58

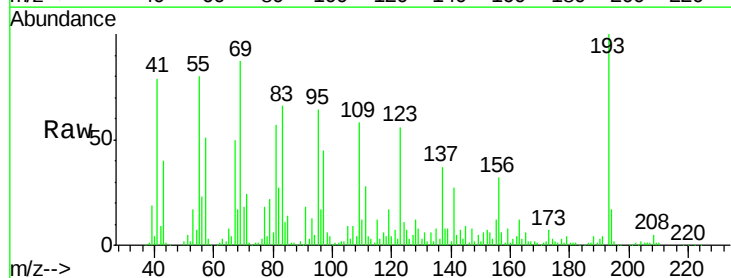
Tgt Ion:163 Resp: 38636

Ion Ratio Lower Upper

163 100

194 141.8 2.8 4.2#

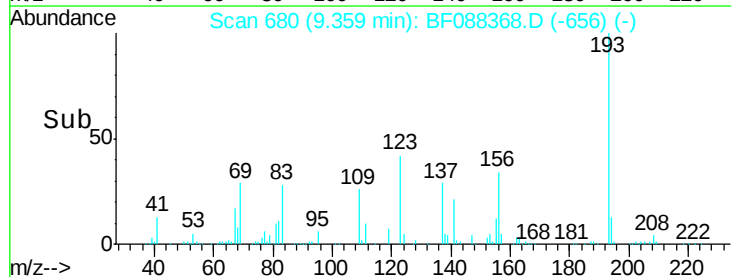
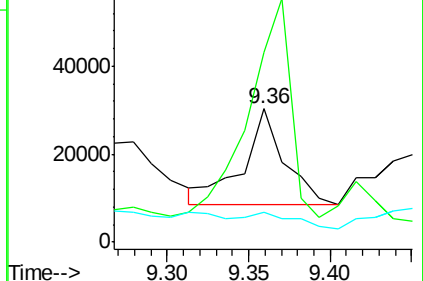
164 22.7 8.3 12.5#

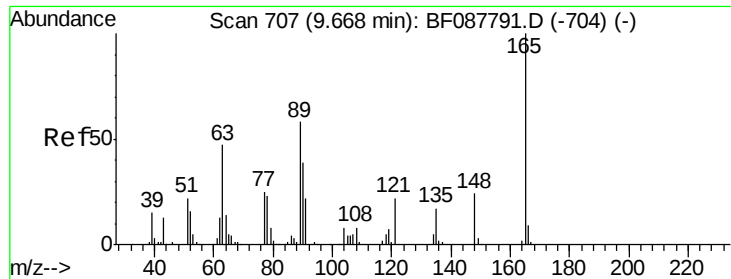


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

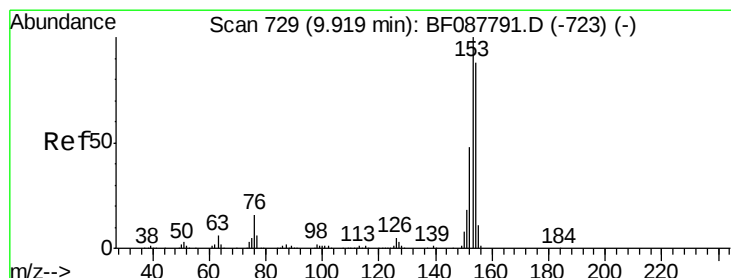
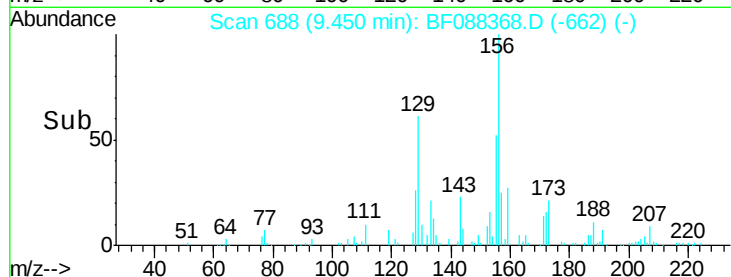
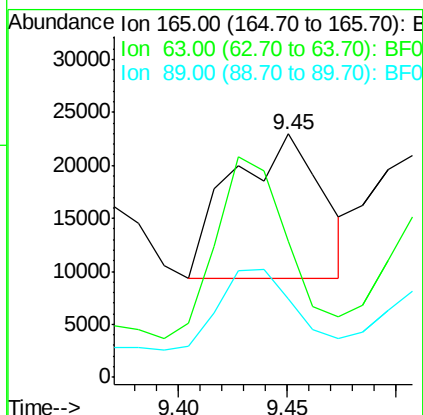
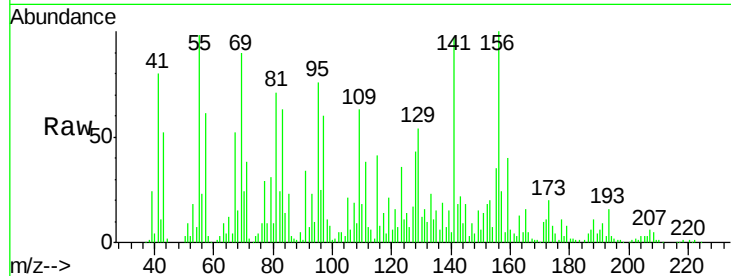




#50
 2,6-Dinitrotoluene
 Concen: 40.50 ng
 RT: 9.45 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: BF088368.D
 Acq: 25 Jun 2016 10:58

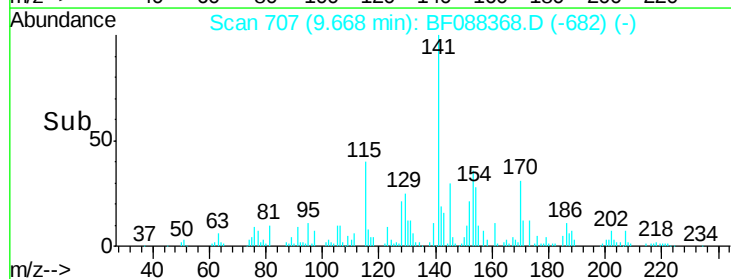
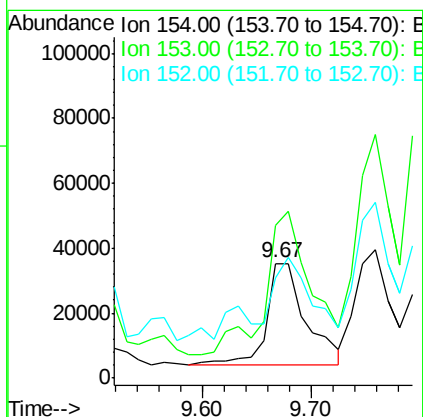
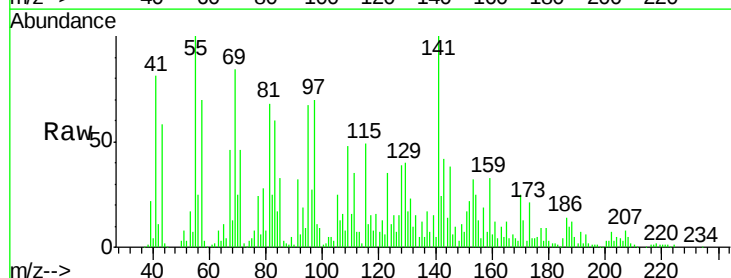
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-5B(5-7)

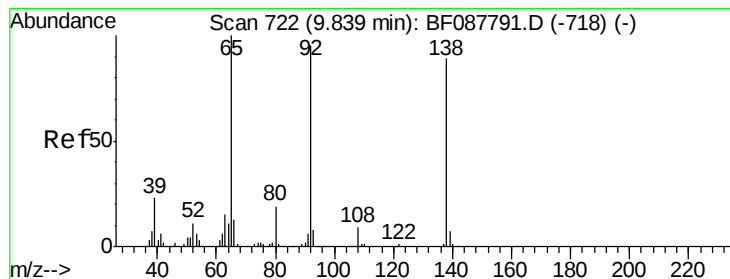
Tgt Ion:165 Resp: 39368
 Ion Ratio Lower Upper
 165 100
 63 56.0 28.1 42.1#
 89 32.4 32.2 48.2



#51
 Acenaphthene
 Concen: 21.14 ng
 RT: 9.67 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: BF088368.D
 Acq: 25 Jun 2016 10:58

Tgt Ion:154 Resp: 79537
 Ion Ratio Lower Upper
 154 100
 153 132.3 89.5 134.3
 152 87.7 42.7 64.1#





#52

3-Nitroaniline

Concen: 38.27 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF088368.D

Acq: 25 Jun 2016 10:58

Instrument :

BNA_F

ClientSampleId :

LOCATION-5B(5-7)

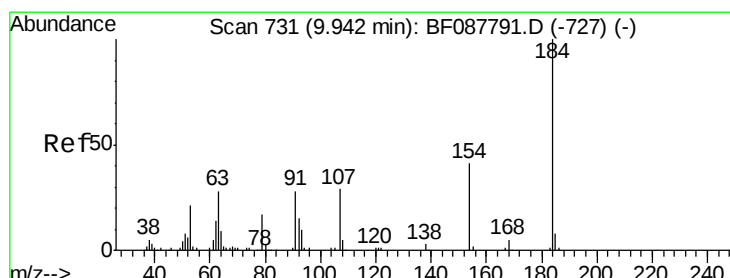
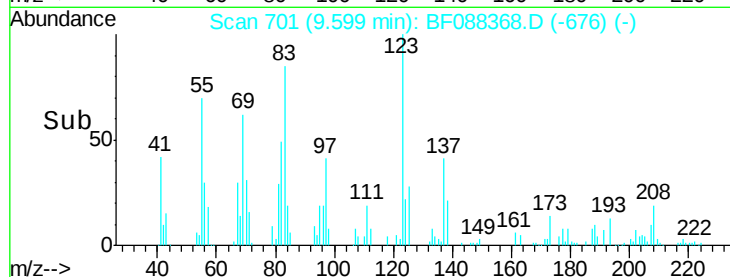
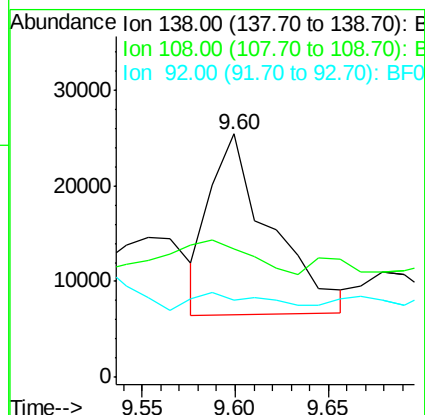
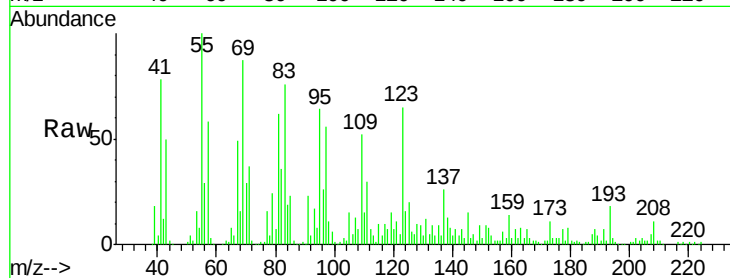
Tgt Ion:138 Resp: 42929

Ion Ratio Lower Upper

138 100

108 52.5 8.5 12.7#

92 31.9 95.7 143.5#



#53

2,4-Dinitrophenol

Concen: 17.25 ng

RT: 9.86 min Scan# 724

Delta R.T. 0.13 min

Lab File: BF088368.D

Acq: 25 Jun 2016 10:58

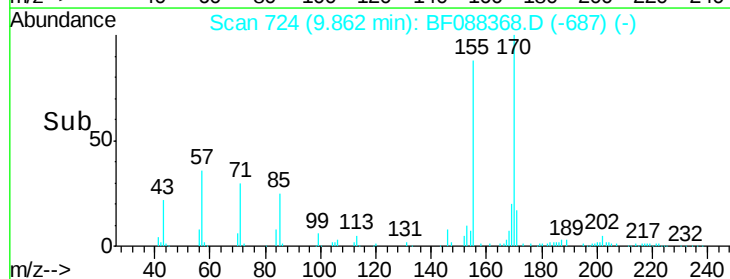
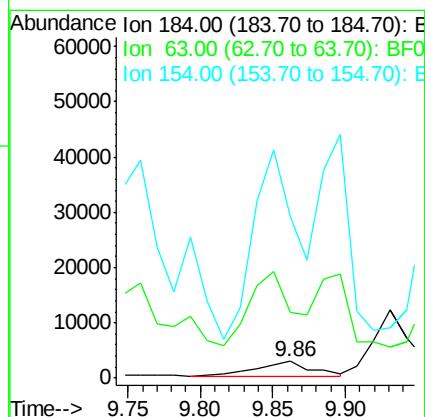
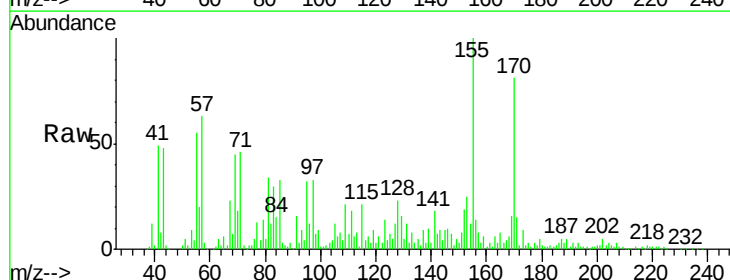
Tgt Ion:184 Resp: 6483

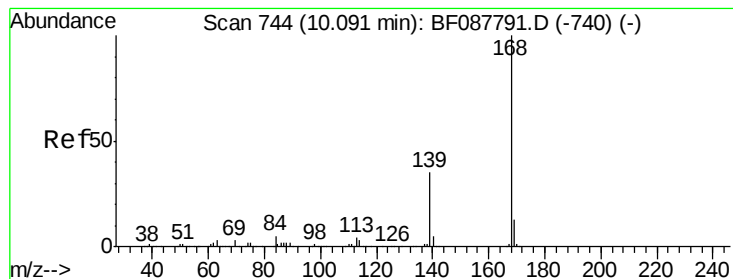
Ion Ratio Lower Upper

184 100

63 388.9 57.6 86.4#

154 950.7 53.5 80.3#





#54

Dibenzofuran

Concen: 13.11 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF088368.D

Acq: 25 Jun 2016 10:58

Instrument :

BNA_F

ClientSampleId :

LOCATION-5B(5-7)

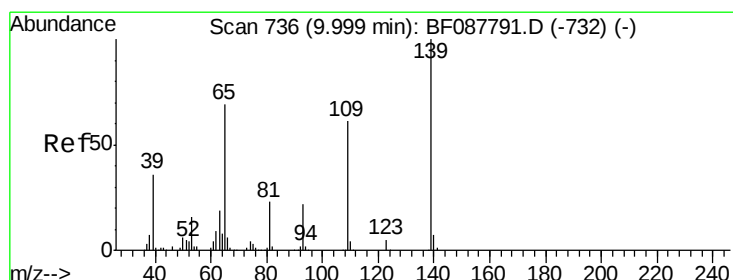
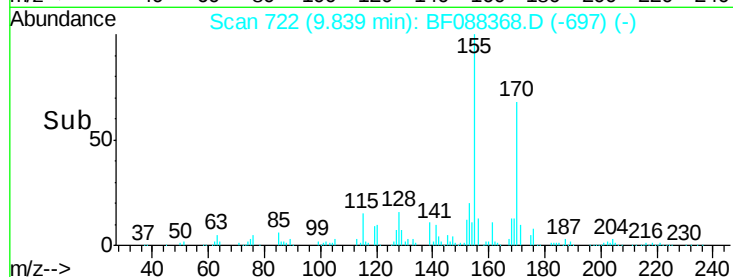
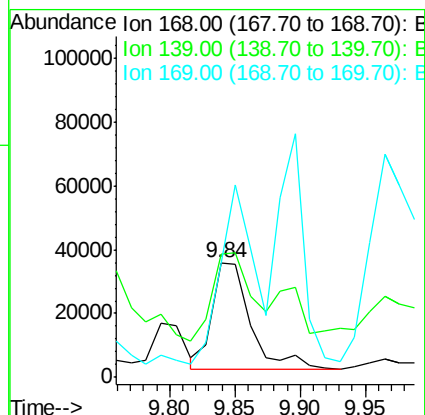
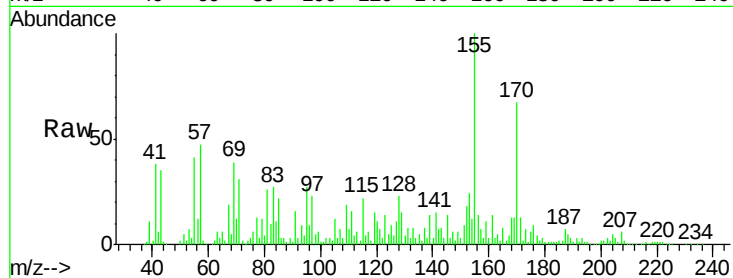
Tgt Ion:168 Resp: 67936

Ion Ratio Lower Upper

168 100

139 107.7 26.4 39.6#

169 99.4 10.4 15.6#



#55

4-Nitrophenol

Concen: 70.46 ng

RT: 9.85 min Scan# 723

Delta R.T. 0.05 min

Lab File: BF088368.D

Acq: 25 Jun 2016 10:58

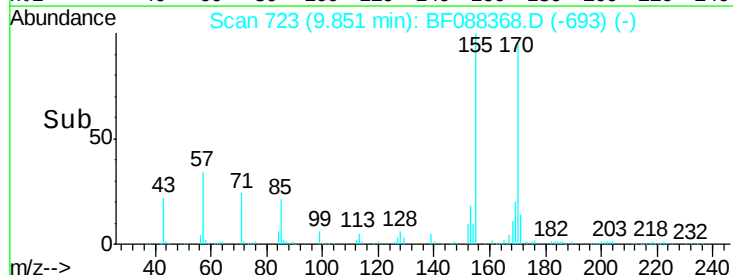
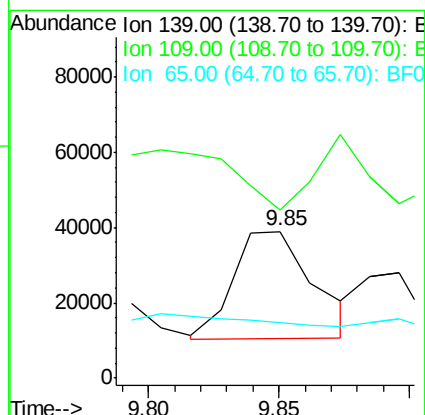
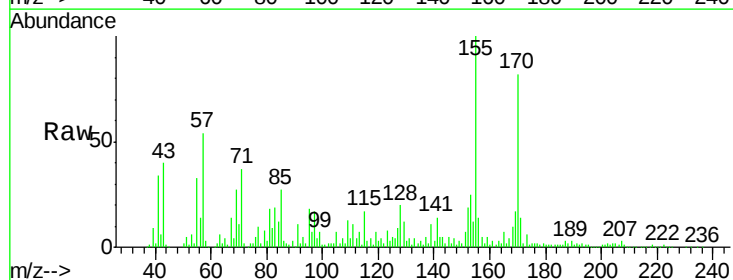
Tgt Ion:139 Resp: 61341

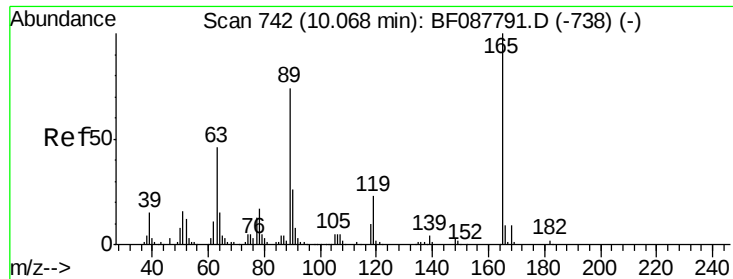
Ion Ratio Lower Upper

139 100

109 115.2 48.9 88.9#

65 38.2 84.9 124.9#

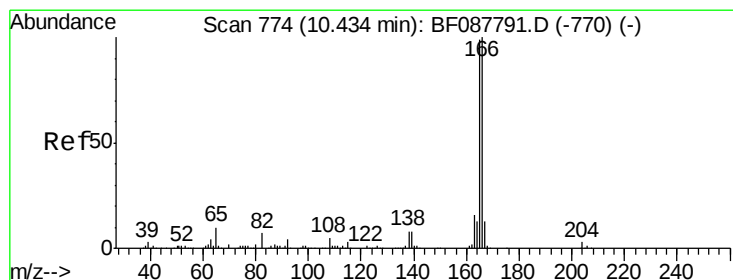
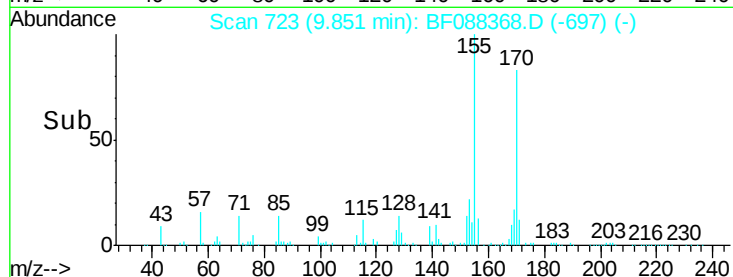
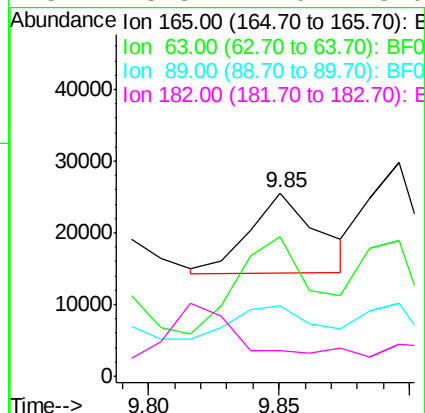
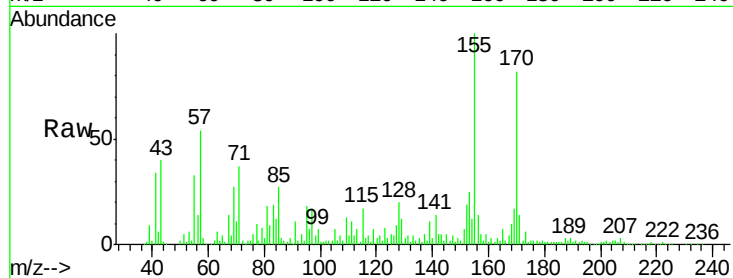




#56
2,4-Dinitrotoluene
Concen: 16.35 ng
RT: 9.85 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF088368.D
Acq: 25 Jun 2016 10:58

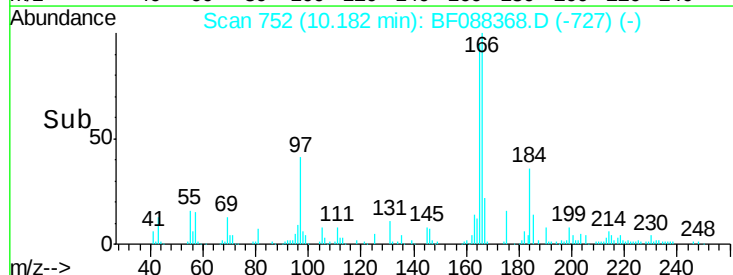
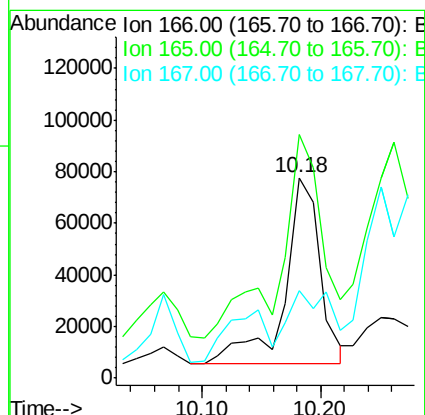
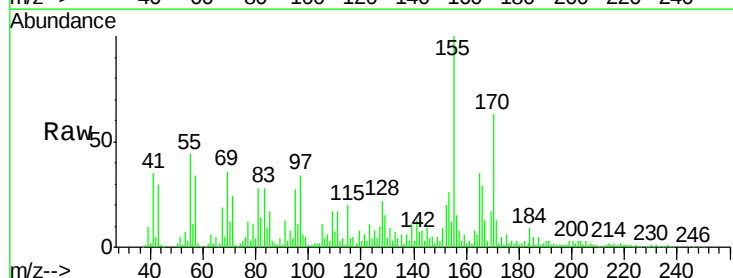
Instrument :
BNA_F
ClientSampleId :
LOCATION-5B(5-7)

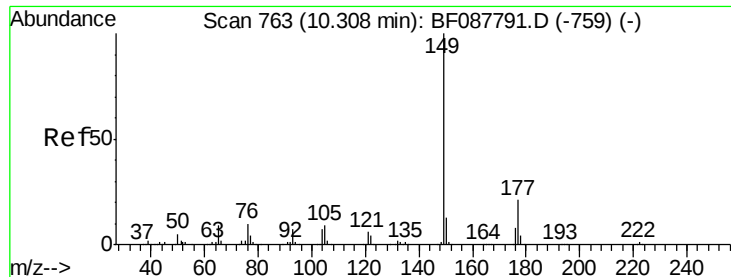
Tgt Ion:165 Resp: 20428
Ion Ratio Lower Upper
165 100
63 75.9 22.0 33.0#
89 38.5 41.1 61.7#
182 13.8 2.0 3.0#



#57
Fluorene
Concen: 42.80 ng
RT: 10.18 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF088368.D
Acq: 25 Jun 2016 10:58

Tgt Ion:166 Resp: 150700
Ion Ratio Lower Upper
166 100
165 121.7 77.8 116.8#
167 43.9 11.2 16.8#

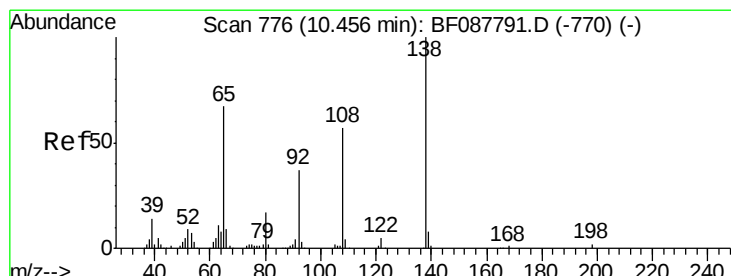
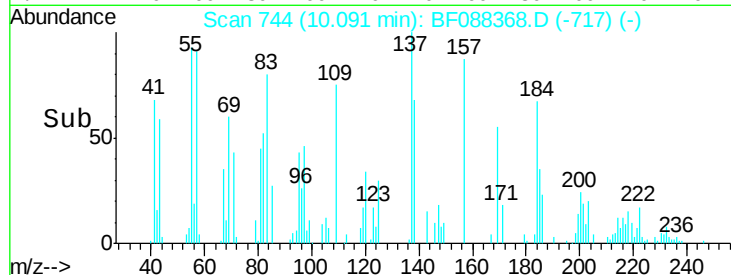
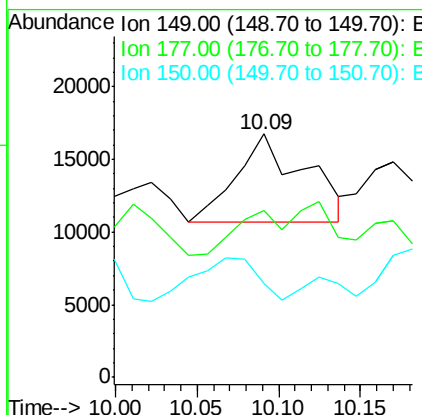
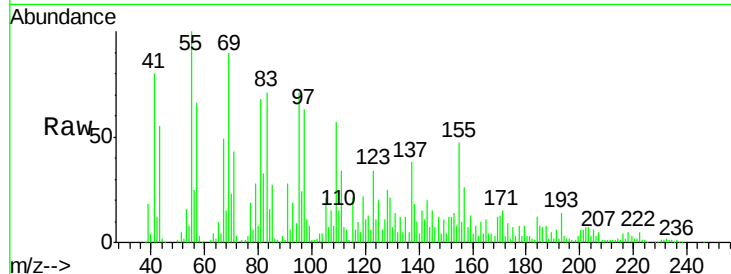




#59
Diethylphthalate
Concen: 4.15 ng
RT: 10.09 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF088368.D
Acq: 25 Jun 2016 10:58

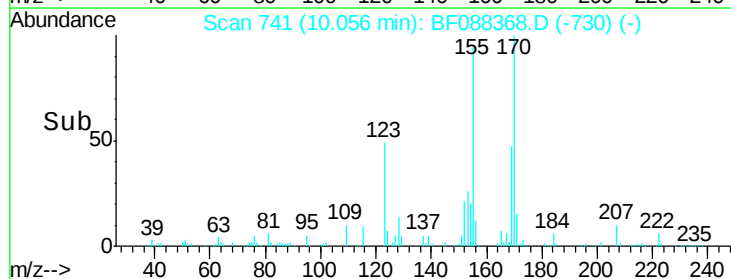
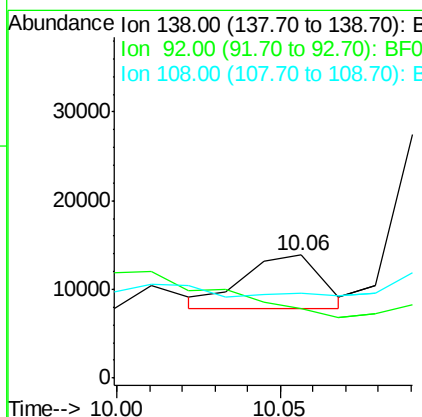
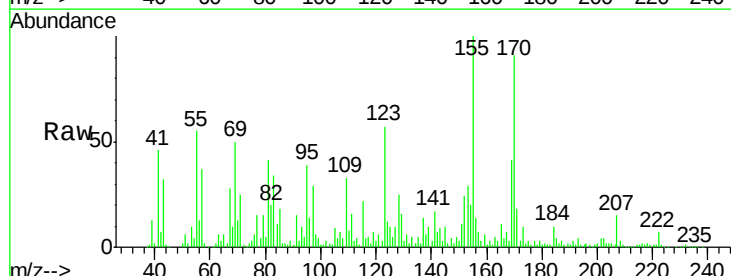
Instrument :
BNA_F
ClientSampleId :
LOCATION-5B(5-7)

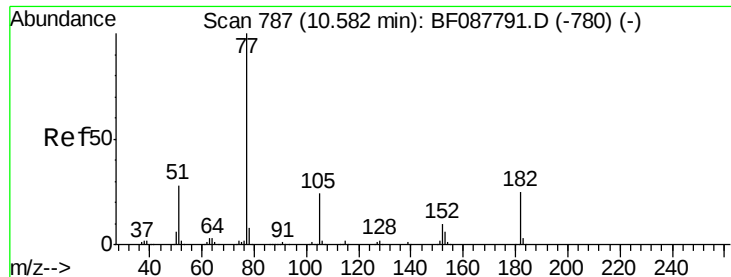
Tgt Ion:149 Resp: 17820
Ion Ratio Lower Upper
149 100
177 68.4 16.9 25.3#
150 38.8 10.1 15.1#



#61
4-Nitroaniline
Concen: 9.37 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.17 min
Lab File: BF088368.D
Acq: 25 Jun 2016 10:58

Tgt Ion:138 Resp: 9971
Ion Ratio Lower Upper
138 100
92 56.5 27.3 67.3
108 69.1 46.7 86.7





#62

Azobenzene

Concen: 10.13 ng

RT: 10.35 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF088368.D

Acq: 25 Jun 2016 10:58

Instrument :

BNA_F

ClientSampleId :

LOCATION-5B(5-7)

Tgt Ion: 77 Resp: 43039

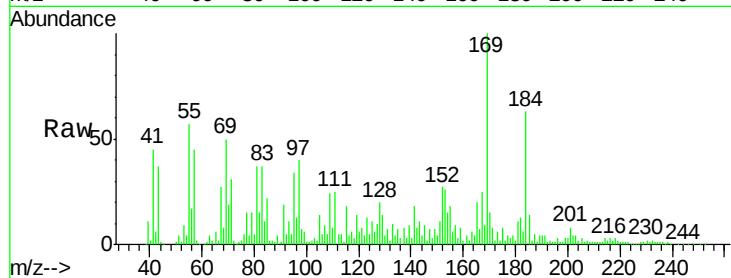
Ion Ratio Lower Upper

77 100

182 89.8 4.4 44.4#

105 97.5 3.8 43.8#

51 27.5 9.3 49.3

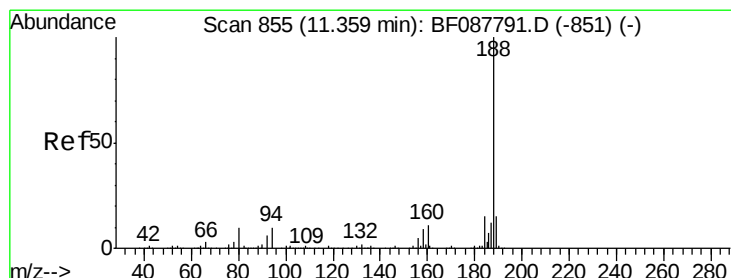
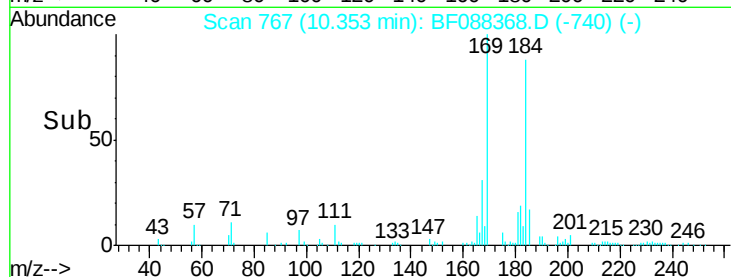
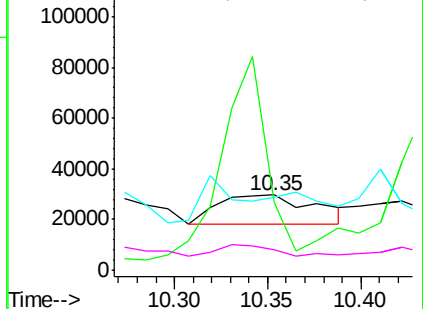


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.11 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF088368.D

Acq: 25 Jun 2016 10:58

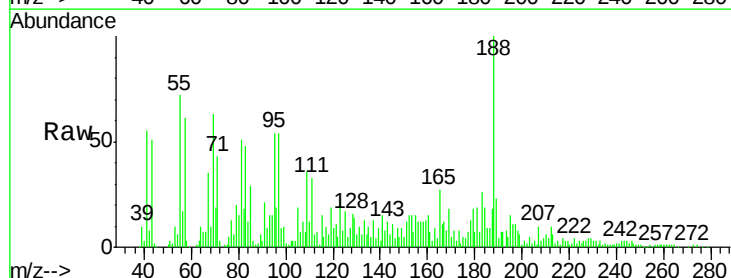
Tgt Ion: 188 Resp: 155058

Ion Ratio Lower Upper

188 100

94 15.3 9.0 13.6#

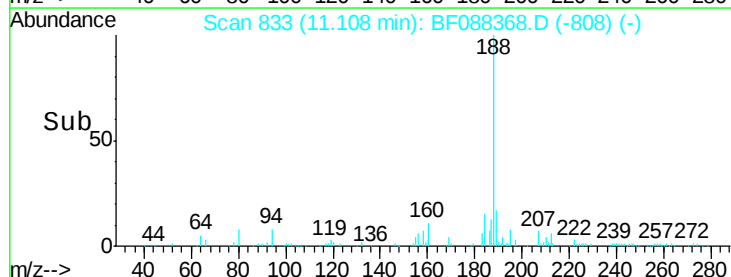
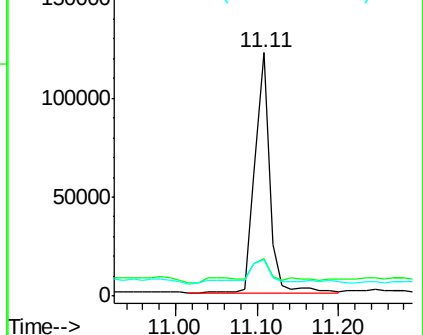
80 14.8 10.0 15.0

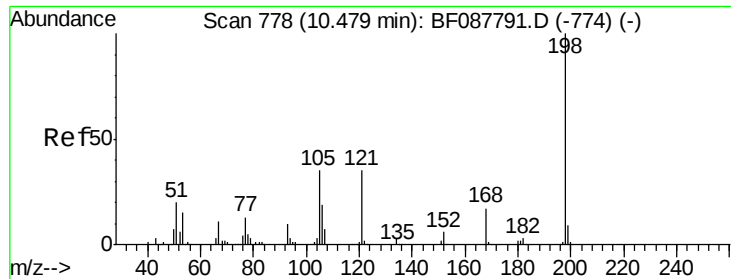


Abundance Ion 188.00 (187.70 to 188.70): E

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: 4.12 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF088368.D

Acq: 25 Jun 2016 10:58

Instrument :

BNA_F

ClientSampleId :

LOCATION-5B(5-7)

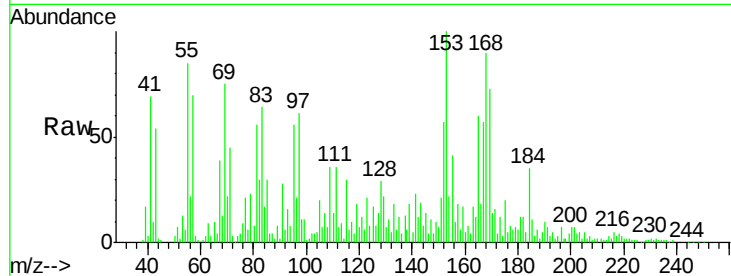
Tgt Ion:198 Resp: 1985

Ion Ratio Lower Upper

198 100

51 311.3 39.6 79.6#

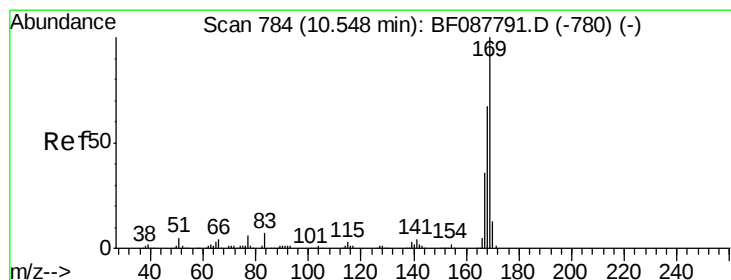
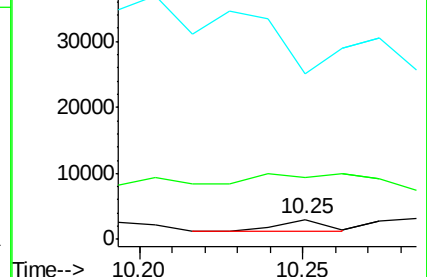
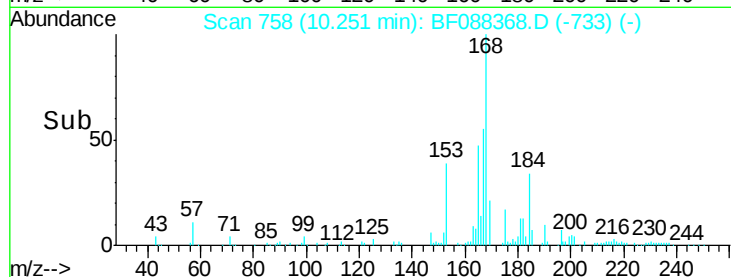
105 841.5 36.6 76.6#



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: 66.83 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF088368.D

Acq: 25 Jun 2016 10:58

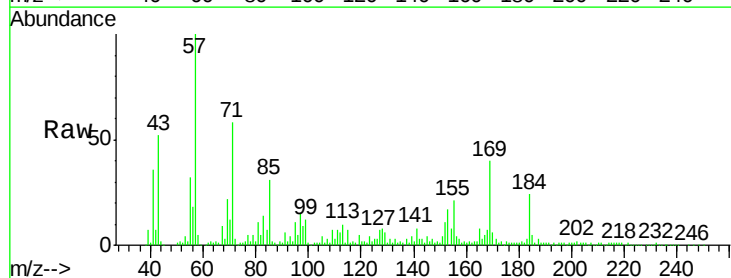
Tgt Ion:169 Resp: 343848

Ion Ratio Lower Upper

169 100

168 18.0 53.4 80.0#

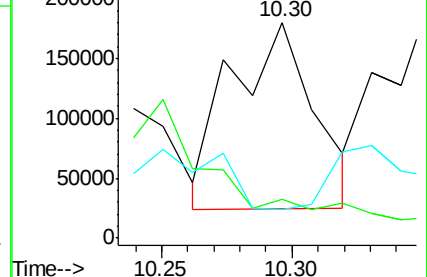
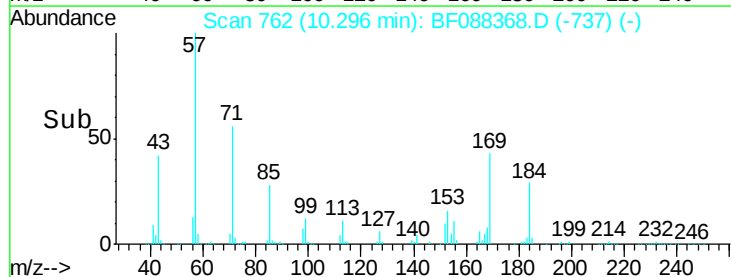
167 13.0 29.4 44.0#

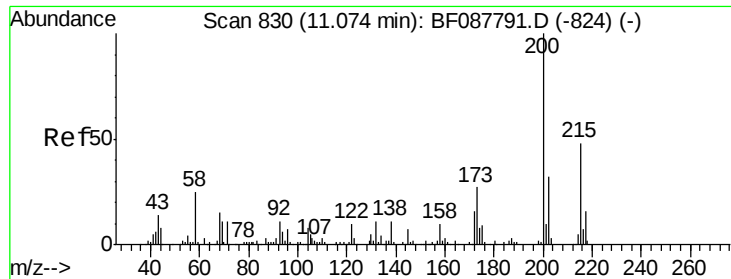


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#68

Atrazine

Concen: 4.15 ng

RT: 10.79 min Scan# 805

Delta R.T. -0.06 min

Lab File: BF088368.D

Acq: 25 Jun 2016 10:58

Instrument :

BNA_F

ClientSampleId :

LOCATION-5B(5-7)

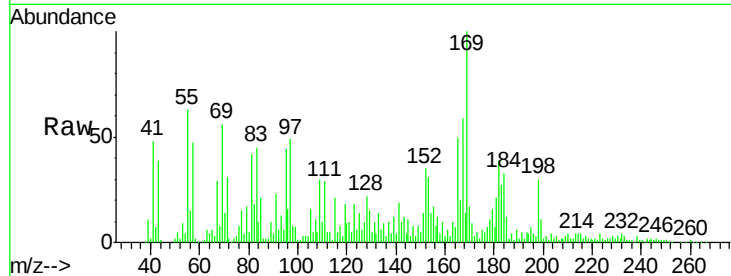
Tgt Ion:200 Resp: 6466

Ion Ratio Lower Upper

200 100

173 240.2 4.0 44.0#

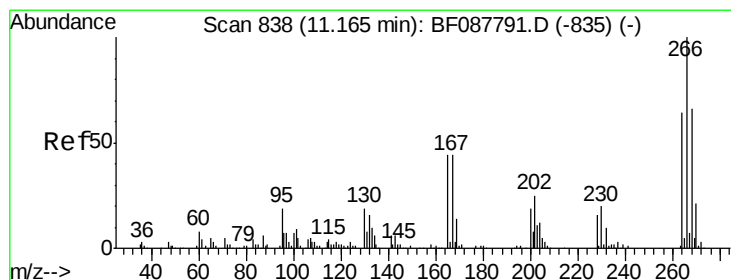
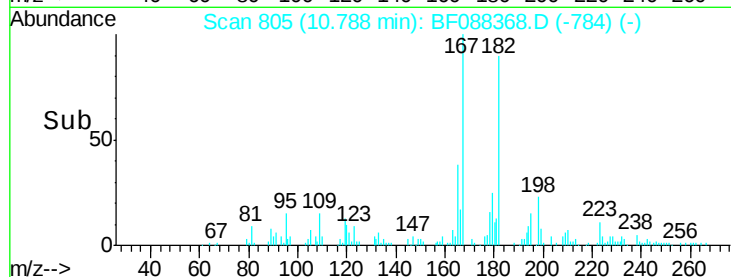
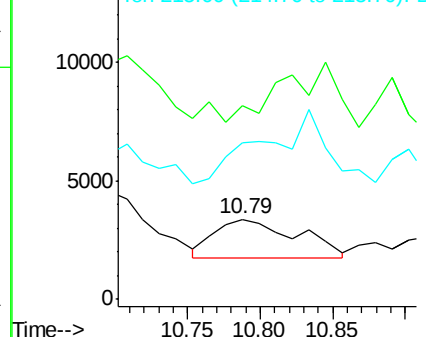
215 195.2 29.3 69.3#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 3.65 ng

RT: 10.95 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF088368.D

Acq: 25 Jun 2016 10:58

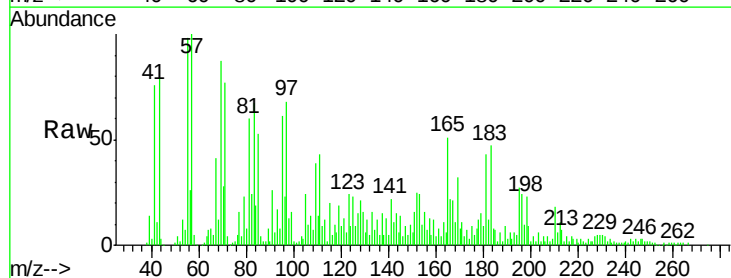
Tgt Ion:266 Resp: 3321

Ion Ratio Lower Upper

266 100

268 0.0 52.8 79.2#

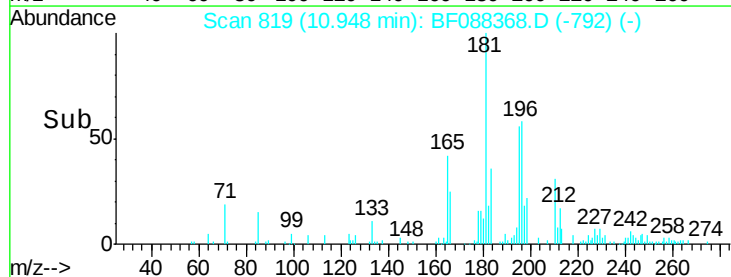
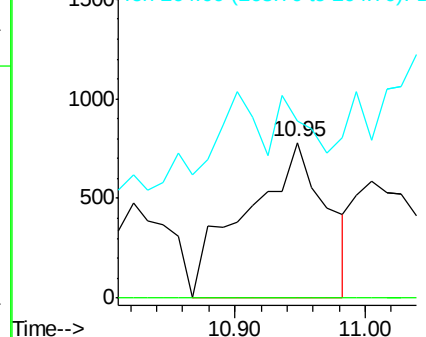
264 113.4 49.6 74.4#

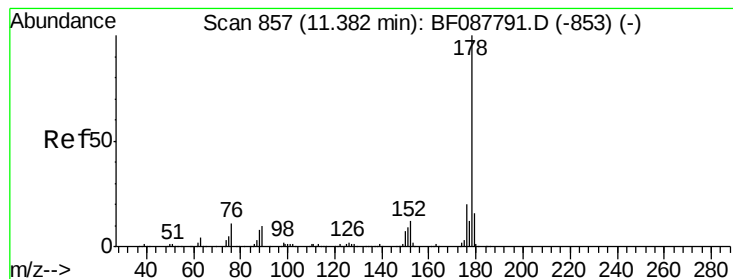


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 31.95 ng

RT: 11.13 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF088368.D

Acq: 25 Jun 2016 10:58

Instrument :

BNA_F

ClientSampleId :

LOCATION-5B(5-7)

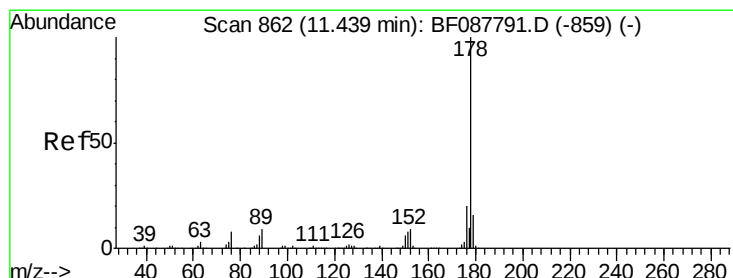
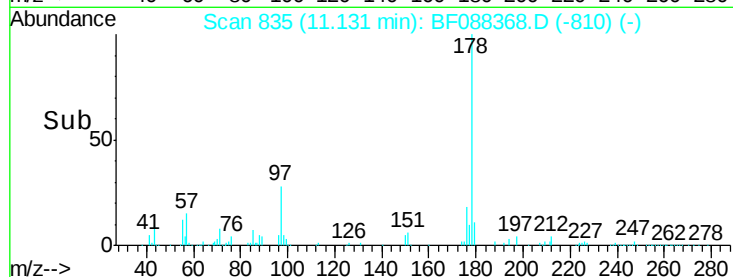
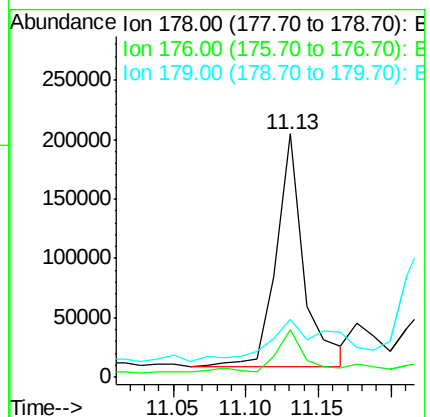
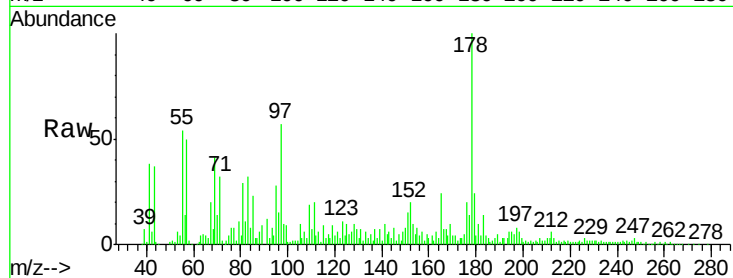
Tgt Ion:178 Resp: 259966

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

179 24.0 13.0 19.4#



#71

Anthracene

Concen: 5.08 ng

RT: 11.18 min Scan# 839

Delta R.T. -0.02 min

Lab File: BF088368.D

Acq: 25 Jun 2016 10:58

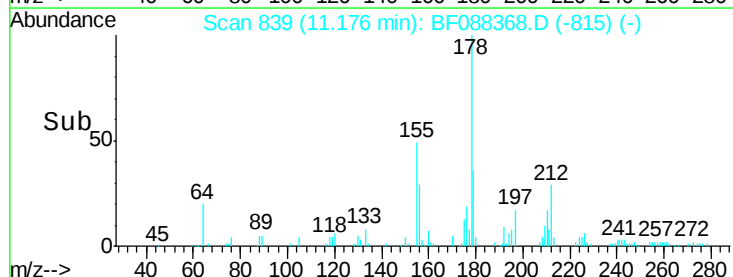
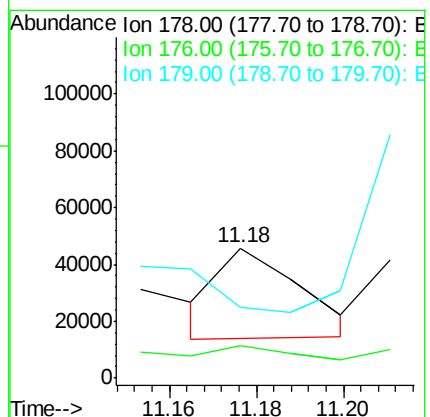
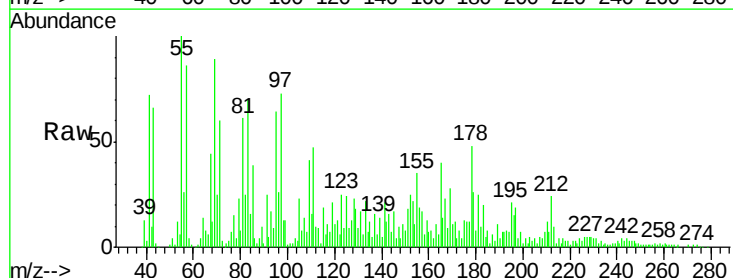
Tgt Ion:178 Resp: 41656

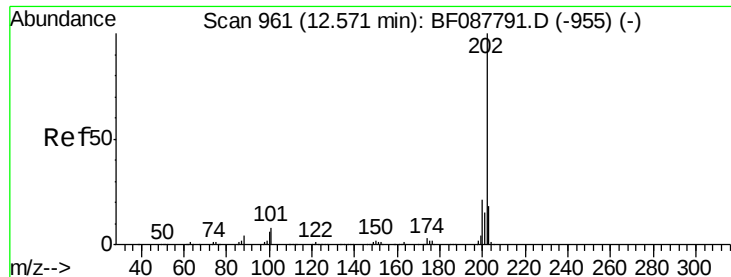
Ion Ratio Lower Upper

178 100

176 25.2 15.6 23.4#

179 54.3 12.8 19.2#





#74

Fluoranthene

Concen: 11.18 ng

RT: 12.30 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF088368.D

Acq: 25 Jun 2016 10:58

Instrument :

BNA_F

ClientSampleId :

LOCATION-5B(5-7)

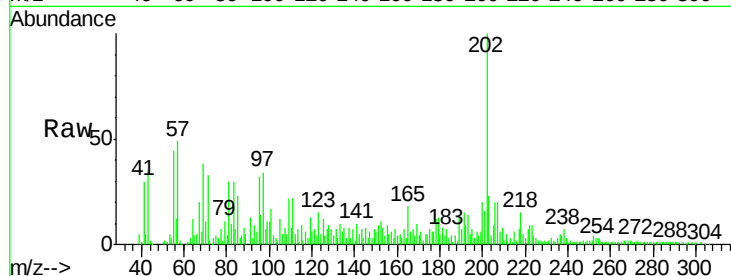
Tgt Ion:202 Resp: 95964

Ion Ratio Lower Upper

202 100

101 16.8 0.0 33.1

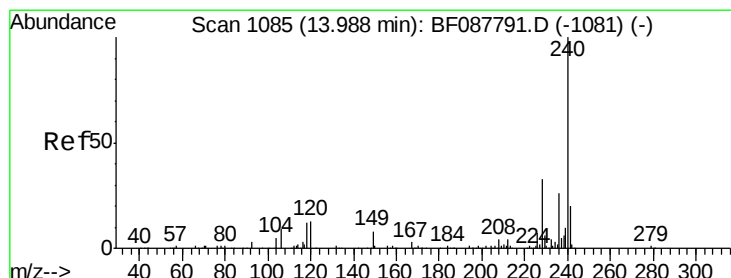
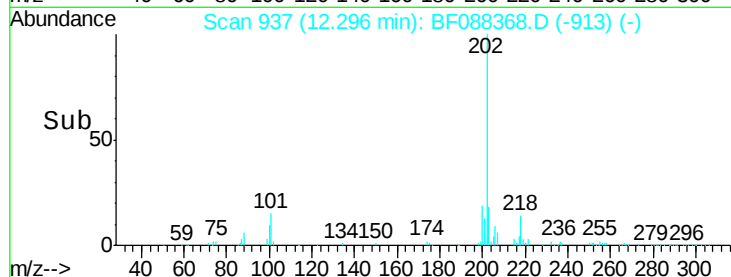
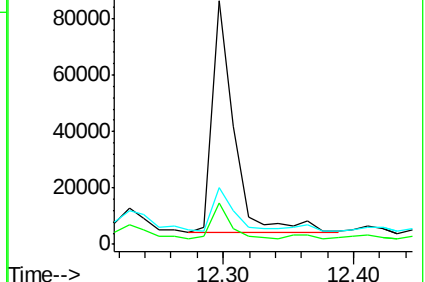
203 23.2 0.0 38.1



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: 13.70 min Scan# 1060

Delta R.T. -0.05 min

Lab File: BF088368.D

Acq: 25 Jun 2016 10:58

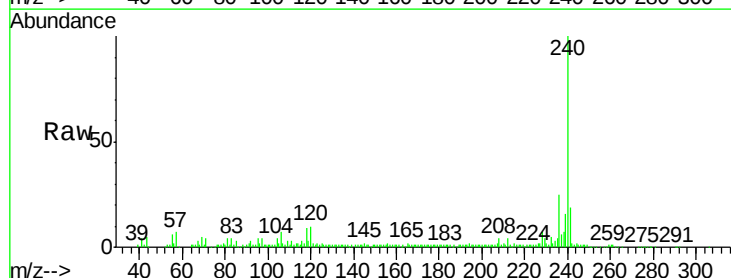
Tgt Ion:240 Resp: 161771

Ion Ratio Lower Upper

240 100

120 10.1 6.8 10.2

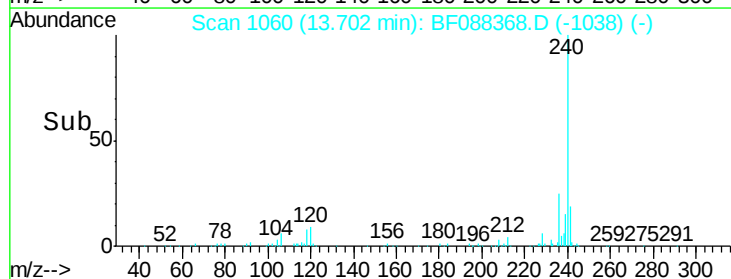
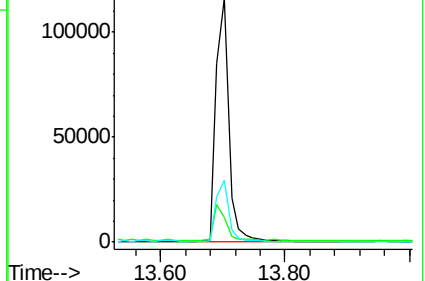
236 25.4 20.2 30.2

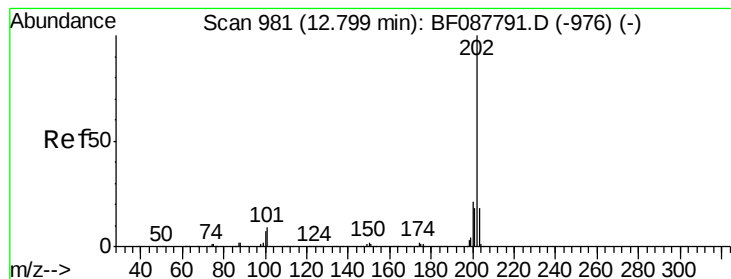


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 10.76 ng

RT: 12.51 min Scan# 956

Delta R.T. -0.03 min

Lab File: BF088368.D

Acq: 25 Jun 2016 10:58

Instrument :

BNA_F

ClientSampleId :

LOCATION-5B(5-7)

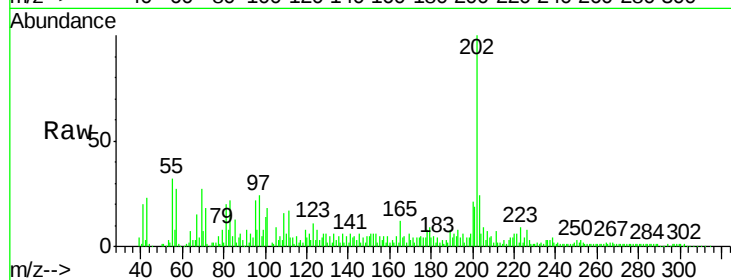
Tgt Ion:202 Resp: 129126

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

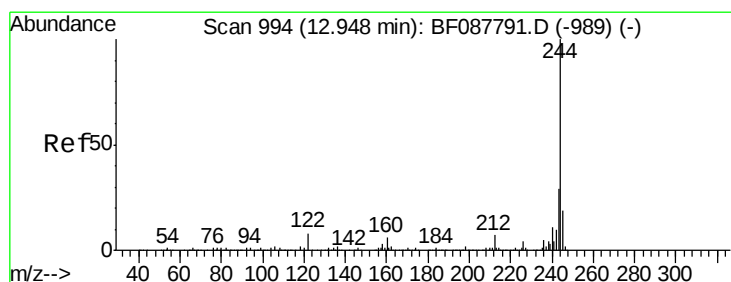
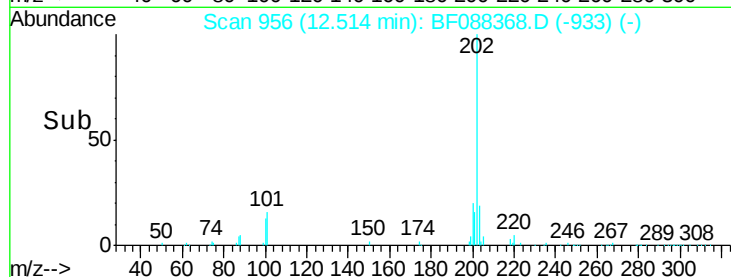
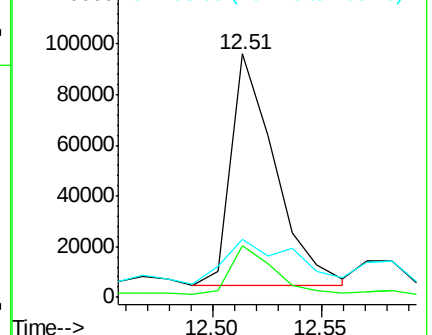
203 24.0 14.5 21.7#



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: 66.94 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.03 min

Lab File: BF088368.D

Acq: 25 Jun 2016 10:58

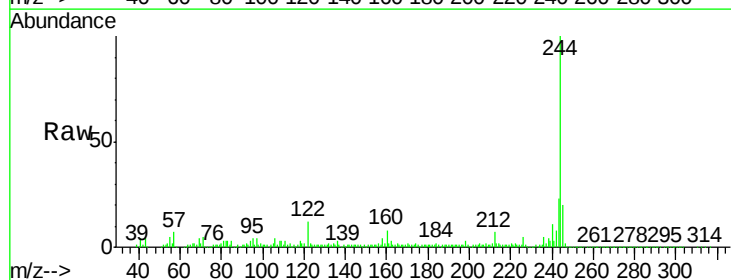
Tgt Ion:244 Resp: 475897

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

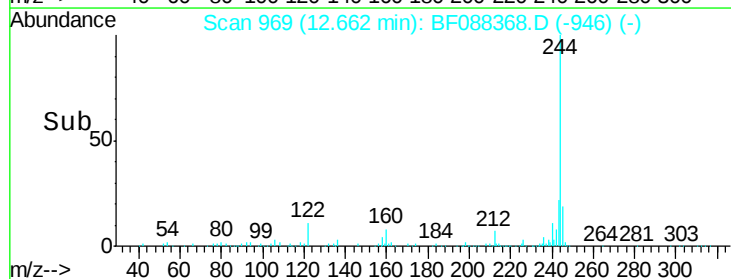
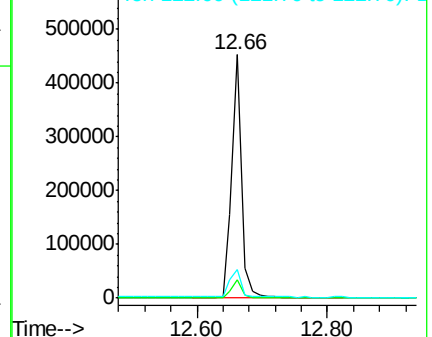
122 11.9 11.2 16.8

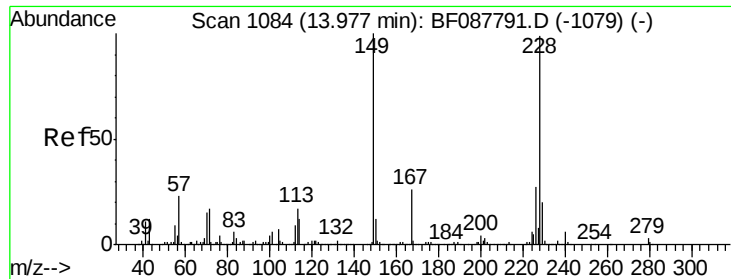


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 3.70 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.05 min

Lab File: BF088368.D

Acq: 25 Jun 2016 10:58

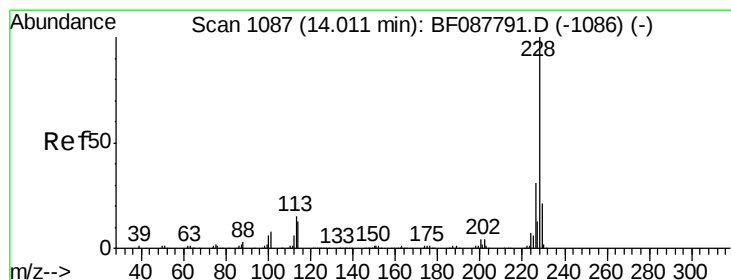
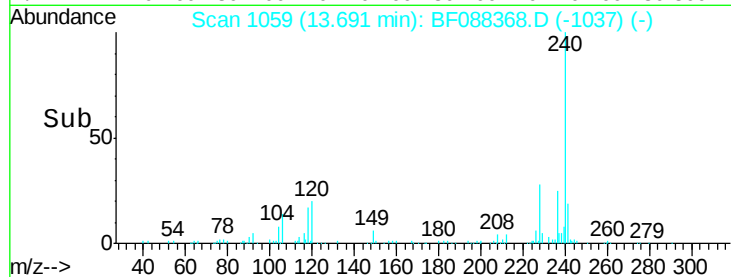
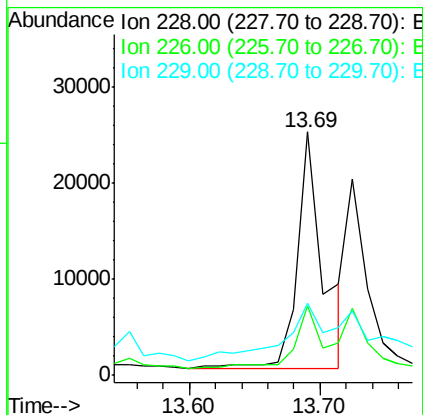
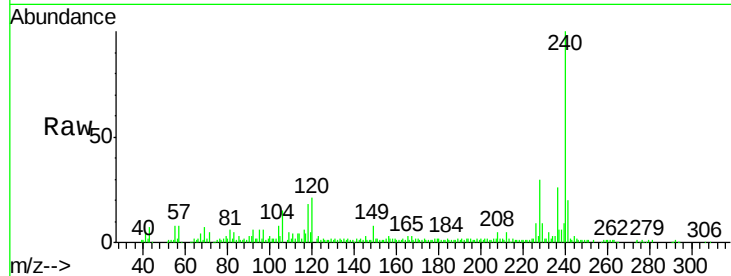
Instrument :

BNA_F

ClientSampleId :

LOCATION-5B(5-7)

Tgt Ion:	228	Resp:	34125
Ion Ratio	Lower	Upper	
228	100		
226	28.5	22.3	33.5
229	29.7	16.0	24.0#



#82

Chrysene

Concen: 3.93 ng

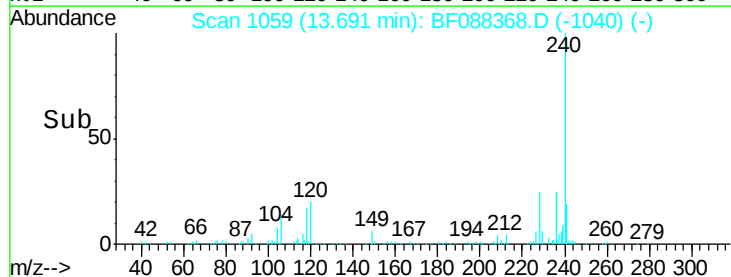
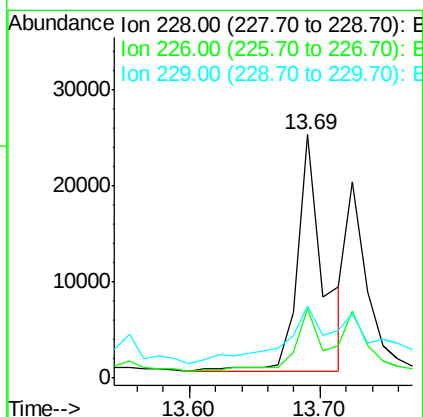
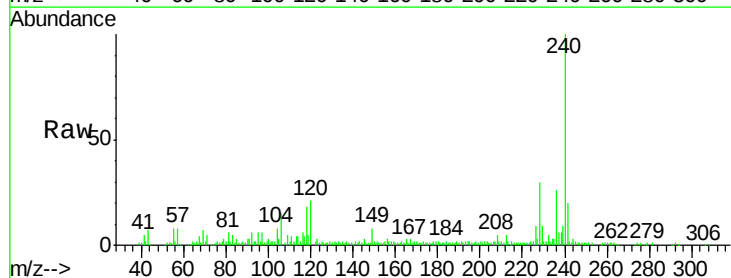
RT: 13.69 min Scan# 1059

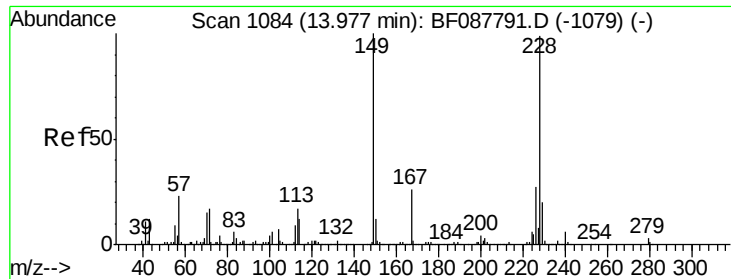
Delta R.T. -0.08 min

Lab File: BF088368.D

Acq: 25 Jun 2016 10:58

Tgt Ion:	228	Resp:	34125
Ion Ratio	Lower	Upper	
228	100		
226	28.5	25.4	38.2
229	29.7	16.3	24.5#

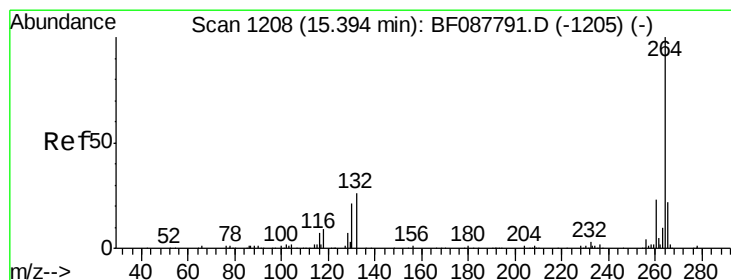
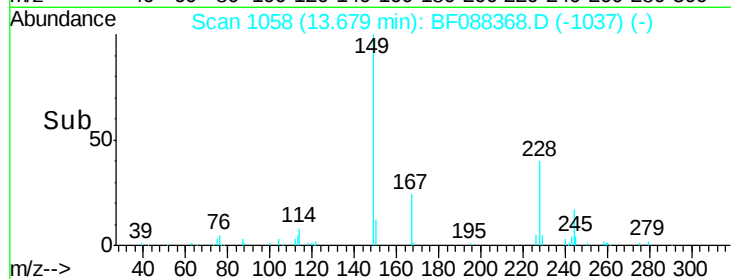
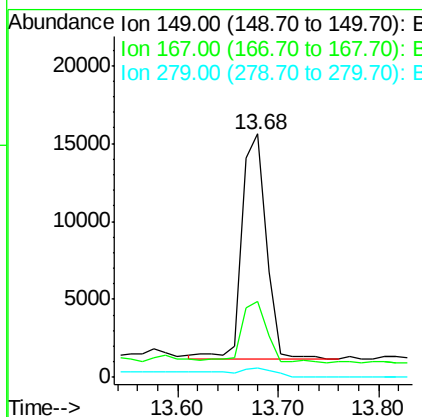
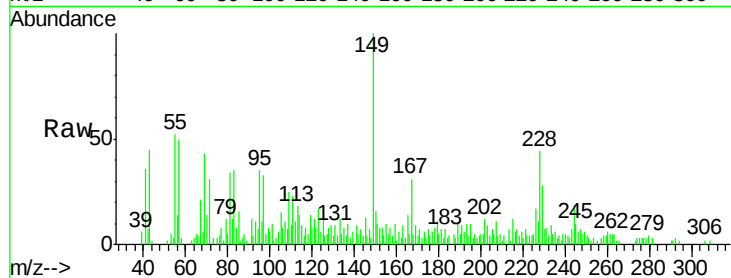




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.77 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.06 min
 Lab File: BF088368.D
 Acq: 25 Jun 2016 10:58

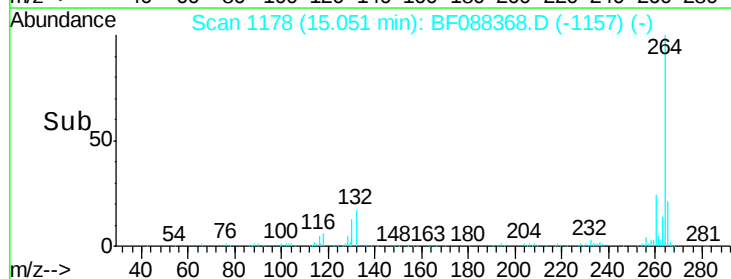
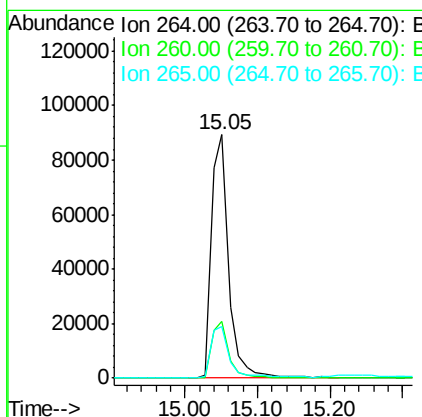
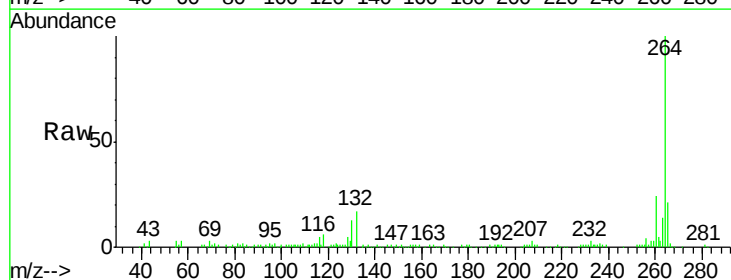
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-5B(5-7)

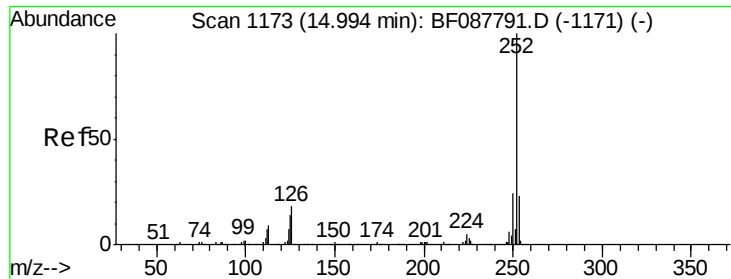
Tgt Ion:149 Resp: 24363
 Ion Ratio Lower Upper
 149 100
 167 31.3 20.5 30.7#
 279 4.0 2.0 3.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.06 min
 Lab File: BF088368.D
 Acq: 25 Jun 2016 10:58

Tgt Ion:264 Resp: 147466
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.3 16.9 25.3

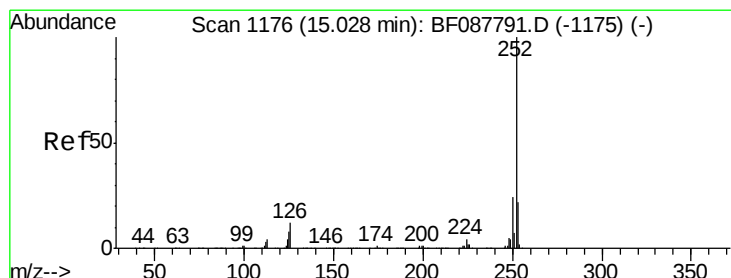
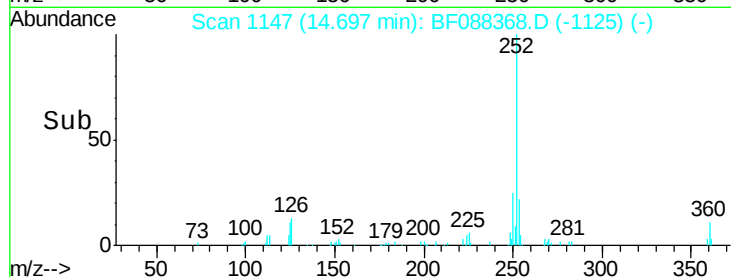
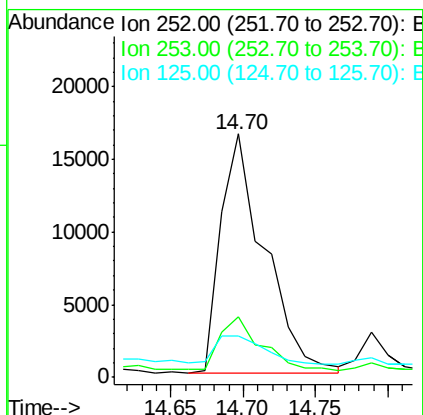
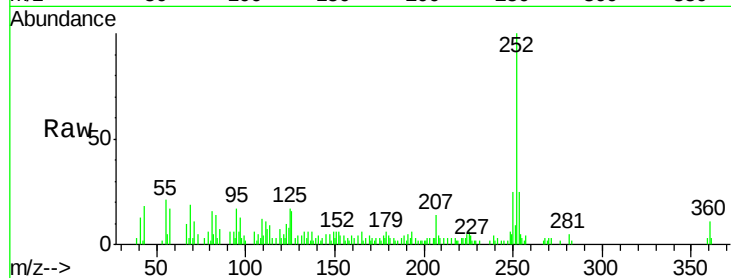




#87
Benzo(b)fluoranthene
Concen: 3.35 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF088368.D
Acq: 25 Jun 2016 10:58

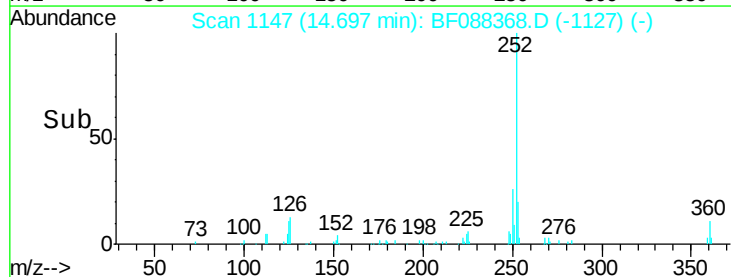
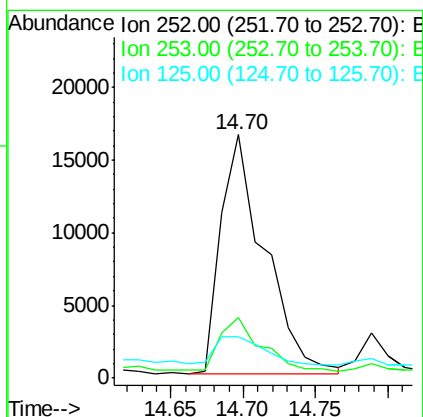
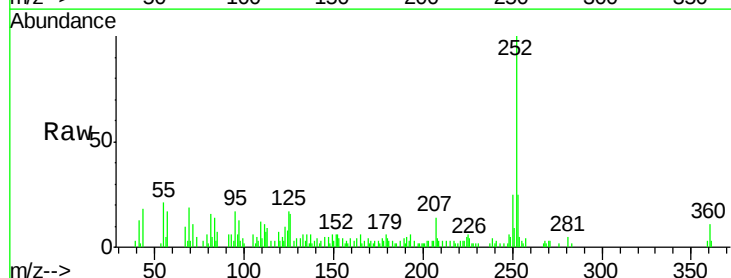
Instrument :
BNA_F
ClientSampleId :
LOCATION-5B(5-7)

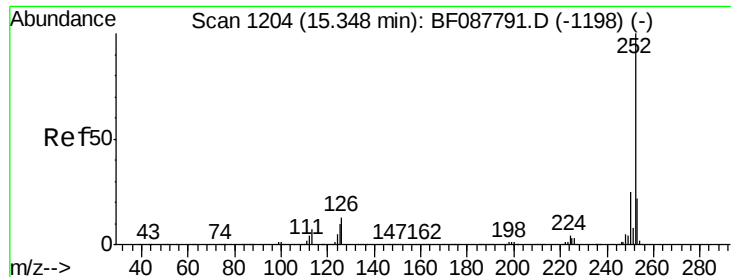
Tgt Ion:252 Resp: 34404
Ion Ratio Lower Upper
252 100
253 24.6 17.4 26.2
125 17.2 7.1 10.7#



#88
Benzo(k)fluoranthene
Concen: 4.44 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.07 min
Lab File: BF088368.D
Acq: 25 Jun 2016 10:58

Tgt Ion:252 Resp: 34404
Ion Ratio Lower Upper
252 100
253 24.6 18.0 27.0
125 17.2 11.2 16.8#





#89

Benzo(a)pyrene

Concen: 2.22 ng

RT: 15.01 min Scan# 1174

Delta R.T. -0.05 min

Lab File: BF088368.D

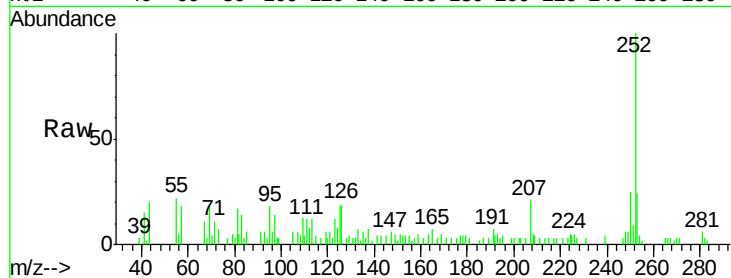
Acq: 25 Jun 2016 10:58

Instrument :

BNA_F

ClientSampleId :

LOCATION-5B(5-7)



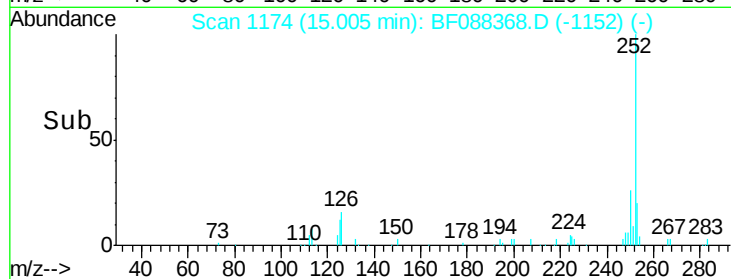
Tgt Ion:252 Resp: 18495

Ion Ratio Lower Upper

252 100

253 23.8 17.9 26.9

125 17.9 12.5 18.7



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

