

Data Path : Z:\HPCHEM1\BNA F\Data\BF072616\
 Data File : BF089308.D
 Acq On : 26 Jul 2016 12:36
 Operator : UM/SJ
 Sample : H4207-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EW-2

Quant Time: Jul 26 13:02:50 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 16:56:43 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.559	152	45791	20.00	ng	-0.01	
21) Naphthalene-d8	7.862	136	145830	20.00	ng	0.01	
38) Acenaphthene-d10	9.622	164	63720	20.00	ng	0.02	
63) Phenanthrene-d10	11.096	188	106078	20.00	ng	0.02	
75) Chrysene-d12	13.679	240	86464	20.00	ng	-0.01	
86) Perylene-d12	15.017	264	79354	20.00	ng	-0.01	
System Monitoring Compounds							
5) 2-Fluorophenol	5.130	112	402786	133.78	ng	-0.01	
7) Phenol-d6	6.216	99	524294	135.03	ng	-0.01	
23) Nitrobenzene-d5	7.142	82	367817	134.02	ng	0.00	
41) 2,4,6-Tribromophenol	10.411	330	79469	138.52	ng	0.02	
44) 2-Fluorobiphenyl	8.948	172	409040	88.45	ng	0.01	
78) Terphenyl-d14	12.651	244	362725	90.99	ng	0.00	
Target Compounds							Qvalue
9) Benzaldehyde	6.102	77	20772	8.22	ng	#	1
15) Benzyl Alcohol	6.719	79	20274	7.13	ng	#	51
18) Hexachloroethane	7.073	117	62152	44.50	ng	#	1
19) n-Nitroso-di-n-propyla...	7.005	70	61078	24.05	ng	#	72
22) Acetophenone	6.970	105	433299	111.27	ng	#	61
24) Nitrobenzene	7.119	77	75107	25.95	ng	#	33
25) Isophorone	7.382	82	124475	24.61	ng	#	1
26) 2-Nitrophenol	7.542	139	35206	26.08	ng	#	1
27) 2,4-Dimethylphenol	7.507	122	12289	5.40	ng	#	46
28) bis(2-Chloroethoxy)met...	7.645	93	31304	9.89	ng	#	1
29) 2,4-Dichlorophenol	7.713	162	16280	7.94	ng	#	1
30) 1,2,4-Trichlorobenzene	7.770	180	8568	3.78	ng	#	63
31) Naphthalene	7.885	128	339031	43.08	ng	#	84
32) Benzoic acid	7.656	122	13499	7.72	ng	#	1
33) 4-Chloroaniline	8.010	127	14607	4.41	ng	#	3
35) Caprolactam	8.330	113	133310	209.40	ng	#	19
36) 4-Chloro-3-methylphenol	8.410	107	15417	6.24	ng	#	37
37) 2-Methylnaphthalene	8.593	142	487471	97.12	ng		96
42) 2,4,6-Trichlorophenol	8.879	196	5512	4.16	ng	#	11
43) 2,4,5-Trichlorophenol	8.879	196	5512	4.14	ng	#	1
45) 1,1'-Biphenyl	9.050	154	136323	23.76	ng		94
47) 2-Nitroaniline	9.176	65	18268	12.21	ng	#	1
48) Acenaphthylene	9.496	152	46451	6.78	ng	#	1
49) Dimethylphthalate	9.359	163	128286	26.24	ng	#	84
50) 2,6-Dinitrotoluene	9.405	165	13624	12.34	ng	#	1
51) Acenaphthene	9.656	154	101989	25.15	ng	#	89
52) 3-Nitroaniline	9.611	138	12822	9.78	ng	#	55
53) 2,4-Dinitrophenol	9.691	184	1911	11.56	ng	#	1
54) Dibenzofuran	9.828	168	93022	16.98	ng	#	34
55) 4-Nitrophenol	9.748	139	60742	76.58	ng	#	55
56) 2,4-Dinitrotoluene	9.839	165	45880	32.27	ng	#	62
57) Fluorene	10.171	166	218532	46.98	ng	#	84
59) Diethylphthalate	10.079	149	16266	3.35	ng	#	1

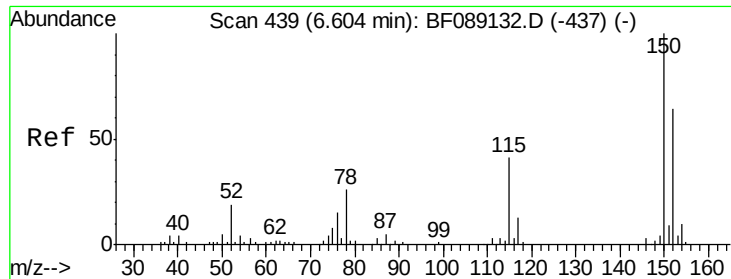
Data Path : Z:\HPCHEM1\BNA F\Data\BF072616\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Chlorophenyl-phenyle...	10.125	204	7937	3.74	nq	# 1
62) Azobenzene	10.331	77	18684	3.55	nq	# 1
64) 4,6-Dinitro-2-methylph...	10.273	198	2923	4.73	nq	# 1
65) n-Nitrosodiphenylamine	10.285	169	356640	100.60	nq	# 65
68) Atrazine	10.822	200	10536	9.50	nq	# 1
70) Phenanthrene	11.119	178	665249	114.32	nq	# 96
71) Anthracene	11.211	178	103660	17.14	nq	# 1
72) Carbazole	11.439	167	14656	2.76	nq	# 1
73) Di-n-butylphthalate	11.622	149	14535	2.21	nq	# 1
74) Fluoranthene	12.502	202	24450	4.00	nq	79
77) Pvrene	12.502	202	24450	3.42	nq	# 83

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.559 min Scan# 43

Delta R.T. -0.011 min

Lab File: BF089308.D

Acq: 26 Jul 2016 12:36

Instrument :

BNA_F

ClientSampleId :

EW-2

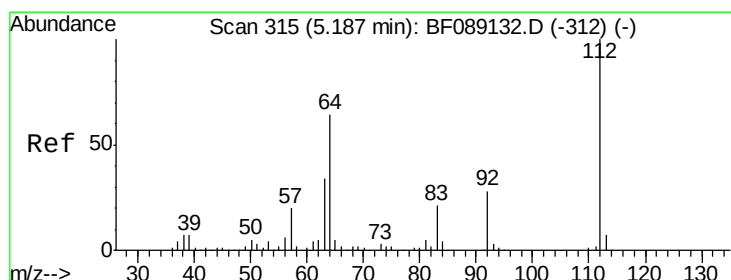
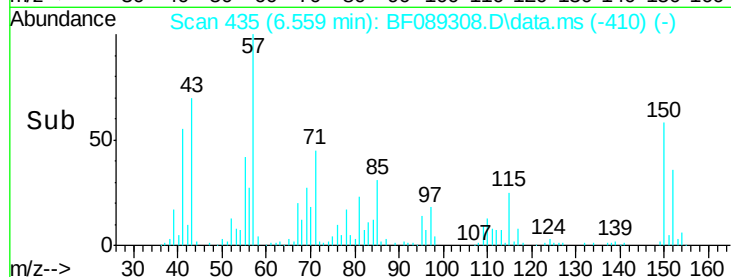
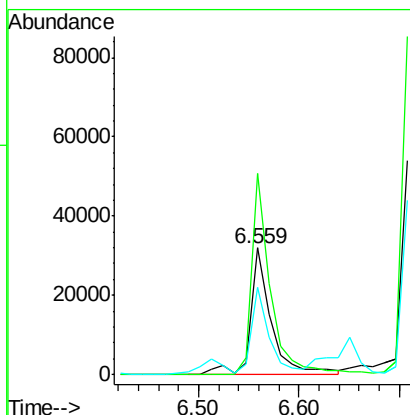
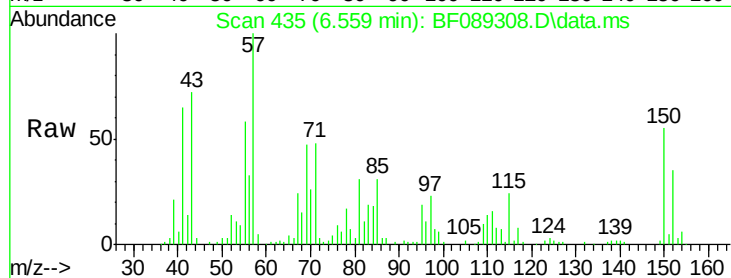
Tot Ion:152 Resp: 45791

Ion Ratio Lower Upper

152 100

150 159.3 125.1 187.7

115 69.0 51.1 76.7



#5

2-Fluorophenol

Concen: 133.78 ng

RT: 5.130 min Scan# 310

Delta R.T. -0.011 min

Lab File: BF089308.D

Acq: 26 Jul 2016 12:36

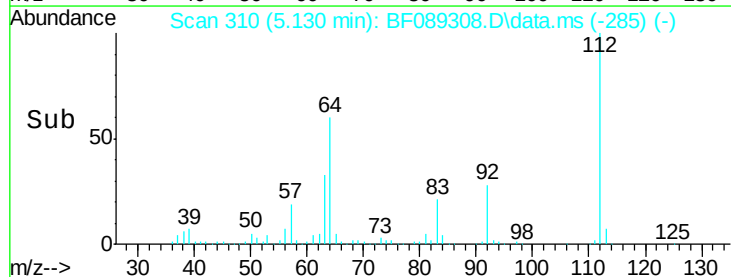
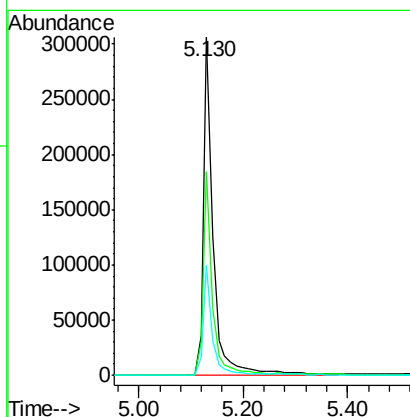
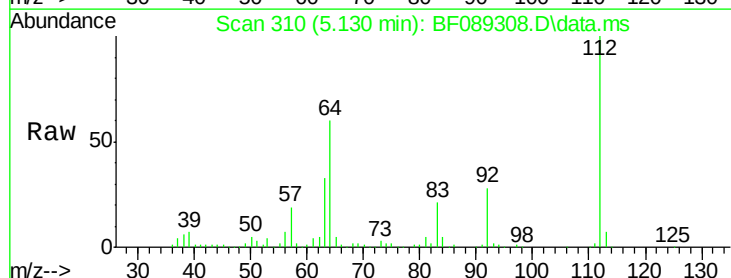
Tgt Ion:112 Resp: 402786

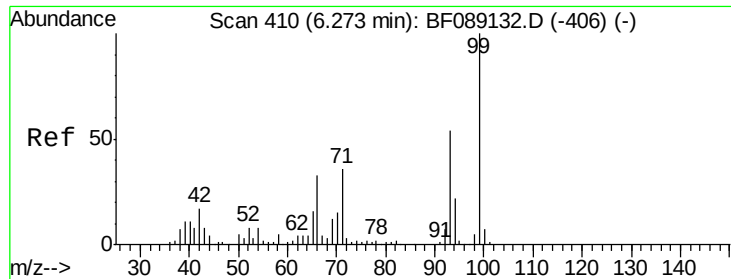
Ion Ratio Lower Upper

112 100

64 60.4 51.0 76.4

63 32.7 27.3 40.9





#7

Phenol-d6

Concen: 135.03 ng

RT: 6.216 min Scan# 40

Delta R.T. -0.011 min

Lab File: BF089308.D

Acq: 26 Jul 2016 12:36

Instrument :

BNA_F

ClientSampleId :

EW-2

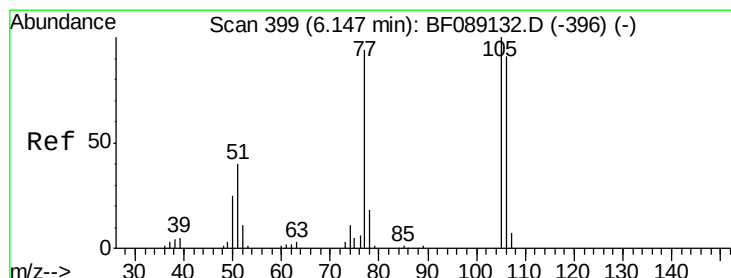
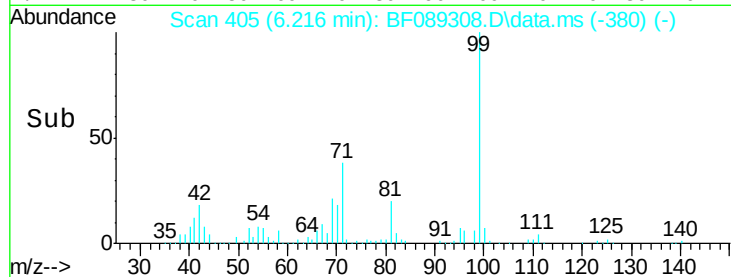
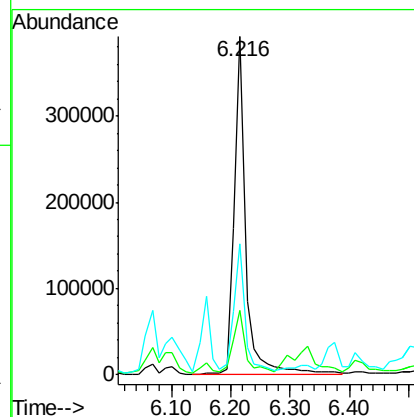
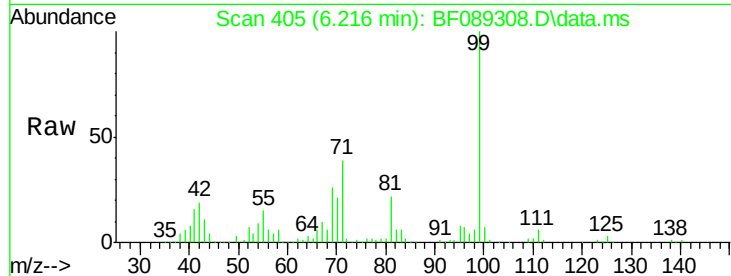
Tot Ion: 99 Resp: 524294

Ion Ratio Lower Upper

99 100

42 18.9 13.5 20.3

71 38.7 28.9 43.3



#9

Benzaldehyde

Concen: 8.22 ng

RT: 6.102 min Scan# 395

Delta R.T. -0.011 min

Lab File: BF089308.D

Acq: 26 Jul 2016 12:36

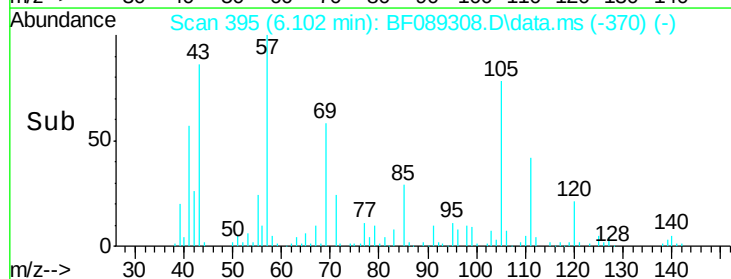
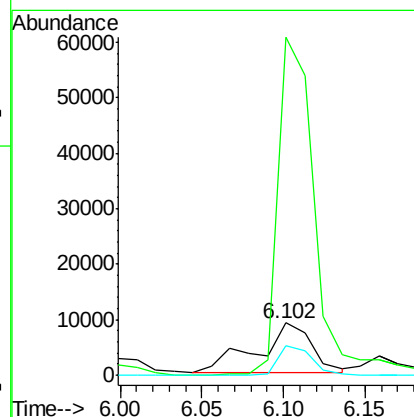
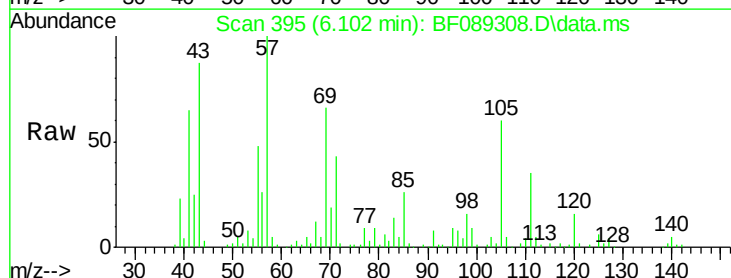
Tgt Ion: 77 Resp: 20772

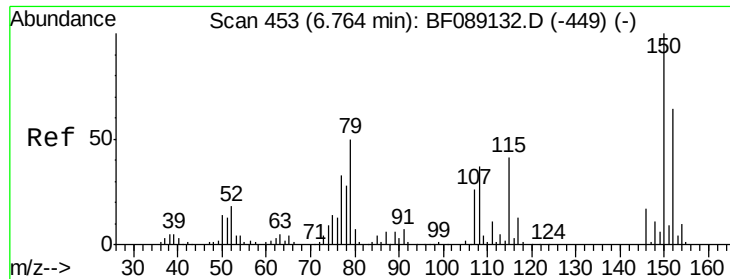
Ion Ratio Lower Upper

77 100

105 642.9 86.2 126.2#

106 56.1 76.3 116.3#

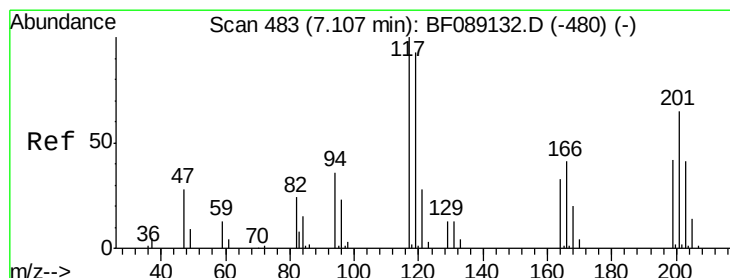
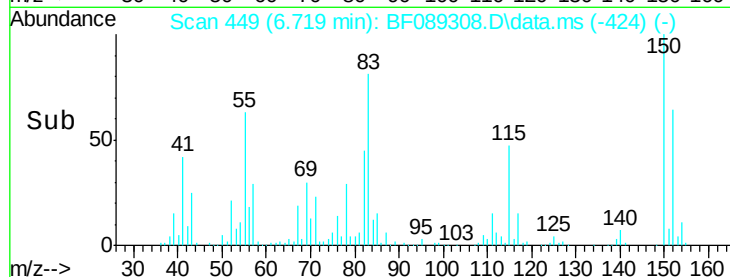
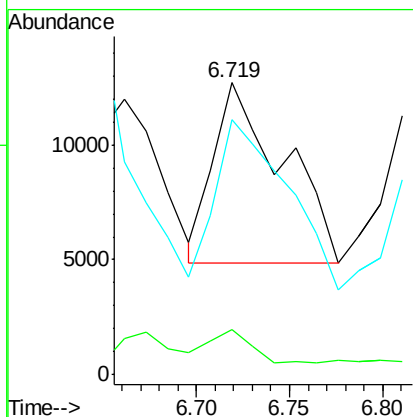
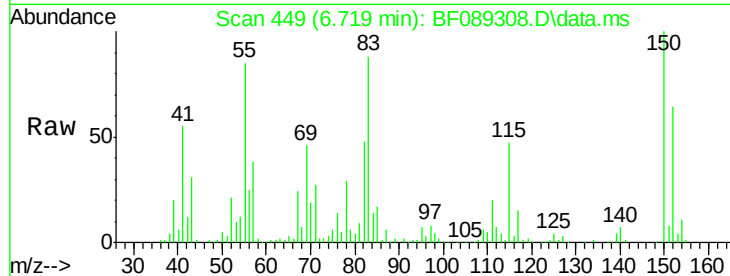




#15
Benzyl Alcohol
Concen: 7.13 ng
RT: 6.719 min Scan# 44
Delta R.T. -0.011 min
Lab File: BF089308.D
Acq: 26 Jul 2016 12:36

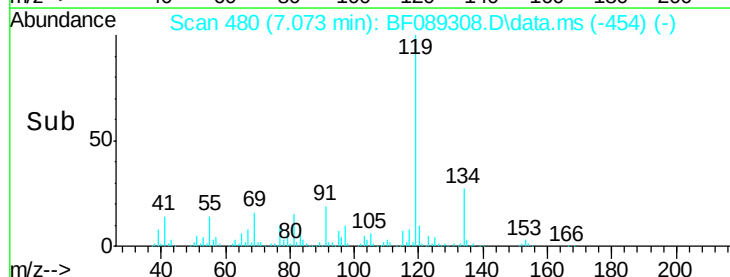
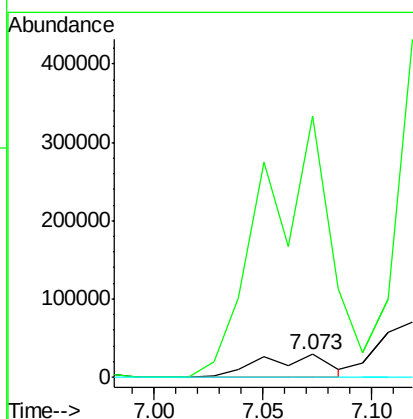
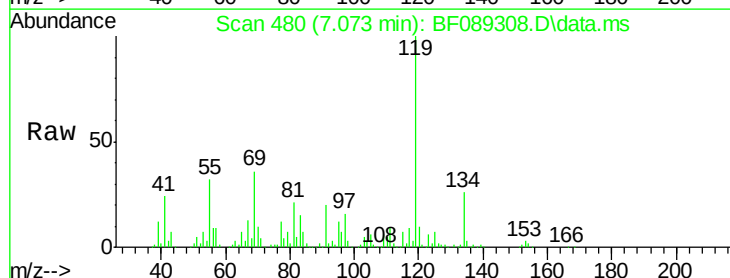
Instrument :
BNA_F
ClientSampleId :
EW-2

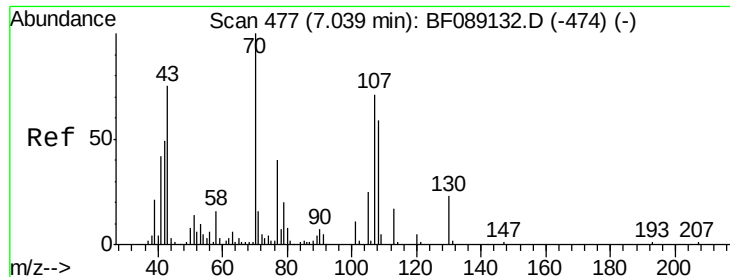
Tot Ion: 79 Resp: 20274
Ion Ratio Lower Upper
79 100
108 15.6 58.2 87.4#
77 87.4 52.2 78.4#



#18
Hexachloroethane
Concen: 44.50 ng
RT: 7.073 min Scan# 480
Delta R.T. 0.000 min
Lab File: BF089308.D
Acq: 26 Jul 2016 12:36

Tgt Ion: 117 Resp: 62152
Ion Ratio Lower Upper
117 100
119 1148.4 74.5 111.7#
201 0.0 51.8 77.6#

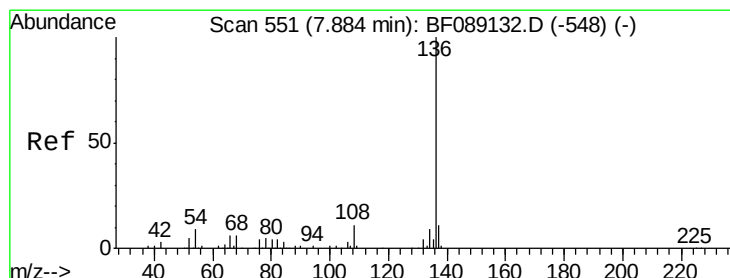
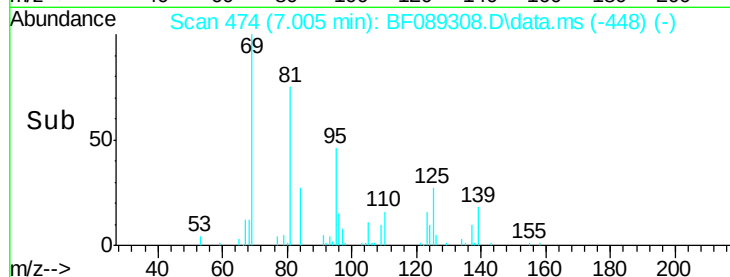
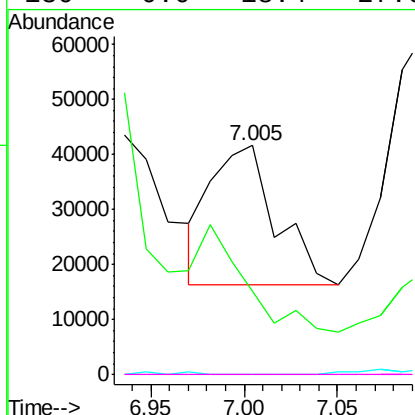
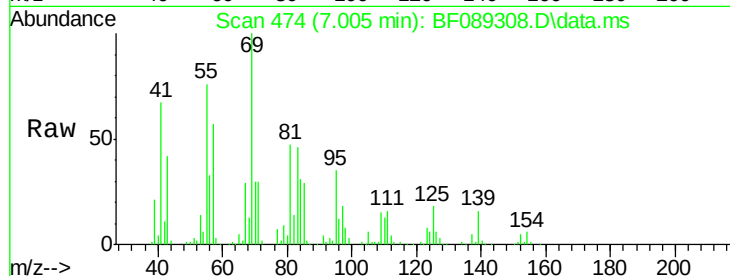




#19
n-Nitroso-di-n-propylamine
Concen: 24.05 ng
RT: 7.005 min Scan# 47
Delta R.T. 0.000 min
Lab File: BF089308.D
Acq: 26 Jul 2016 12:36

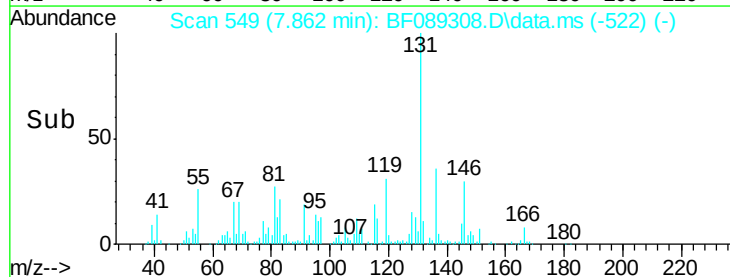
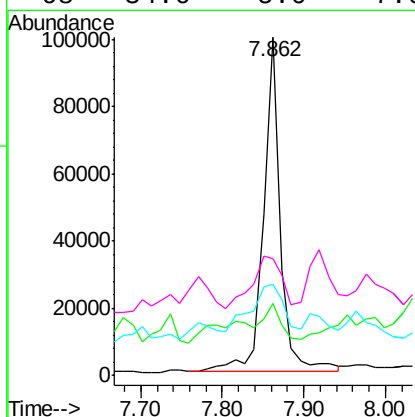
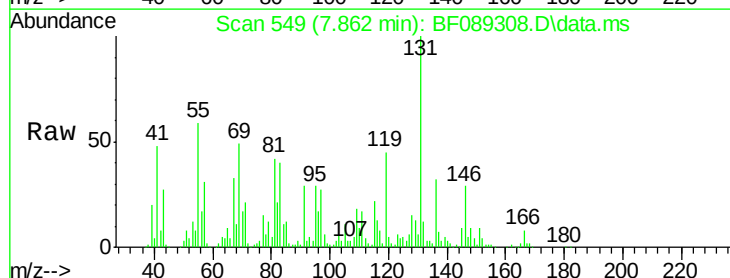
Instrument :
BNA_F
ClientSampleId :
EW-2

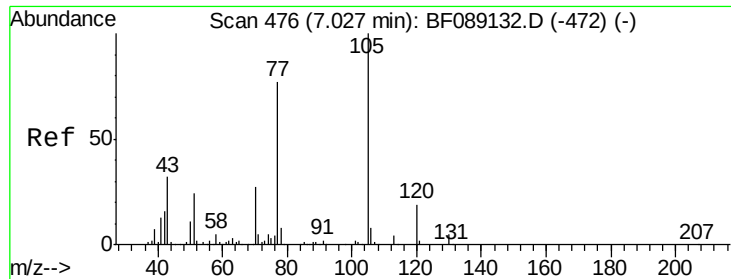
Tot Ion: 70 Resp: 61078
Ion Ratio Lower Upper
70 100
42 36.3 39.2 58.8#
101 0.0 8.5 12.7#
130 0.0 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.862 min Scan# 549
Delta R.T. 0.012 min
Lab File: BF089308.D
Acq: 26 Jul 2016 12:36

Tgt Ion: 136 Resp: 145830
Ion Ratio Lower Upper
136 100
137 21.2 8.8 13.2#
54 26.8 7.0 10.4#
68 34.6 5.0 7.6#

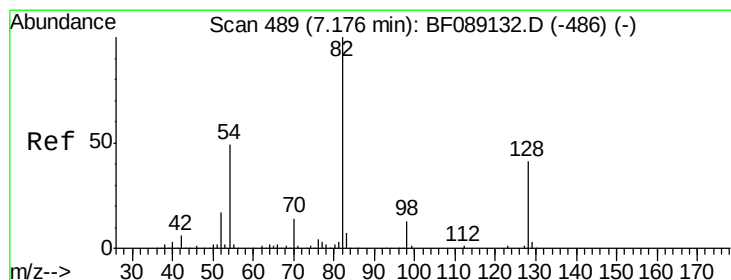
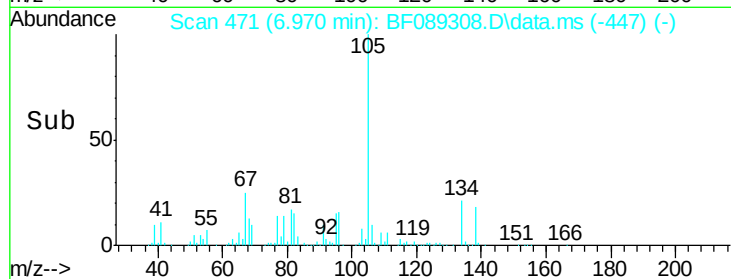
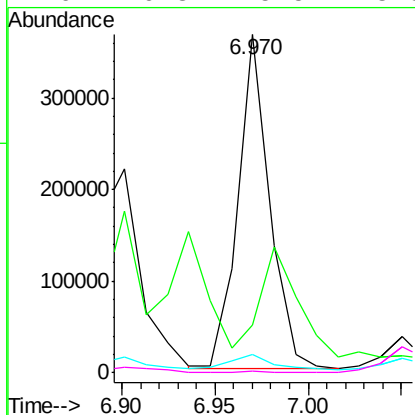
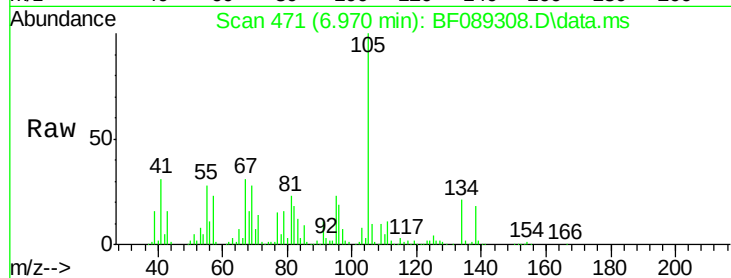




#22
Acetophenone
Concen: 111.27 ng
RT: 6.970 min Scan# 47
Delta R.T. -0.023 min
Lab File: BF089308.D
Acq: 26 Jul 2016 12:36

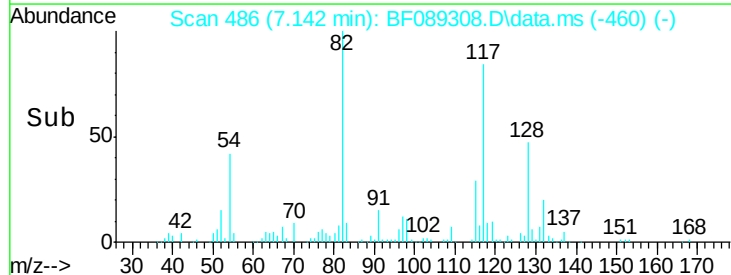
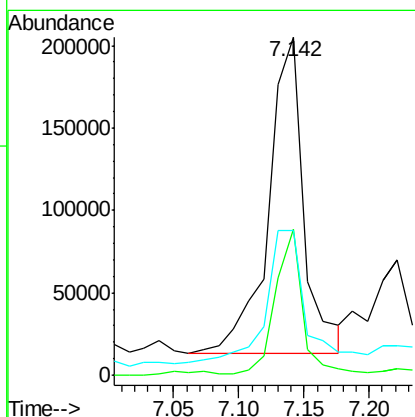
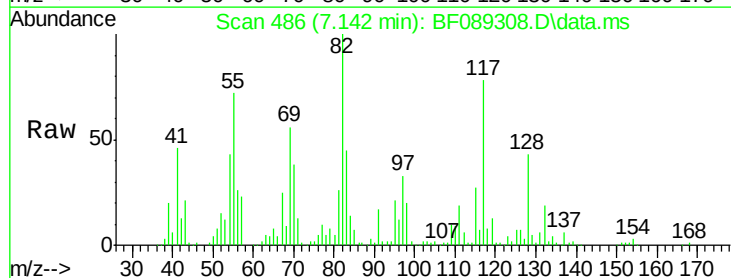
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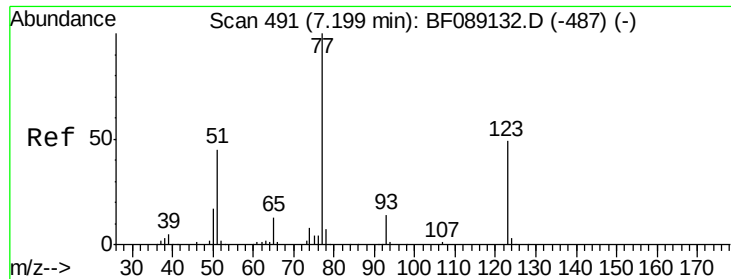
Tot Ion:105 Resp: 433299
Ion Ratio Lower Upper
105 100
71 14.1 3.8 5.6#
51 5.4 19.6 29.4#
120 0.3 15.5 23.3#



#23
Nitrobenzene-d5
Concen: 134.02 ng
RT: 7.142 min Scan# 486
Delta R.T. 0.000 min
Lab File: BF089308.D
Acq: 26 Jul 2016 12:36

Tgt Ion: 82 Resp: 367817
Ion Ratio Lower Upper
82 100
128 43.2 33.0 49.6
54 42.9 39.0 58.4

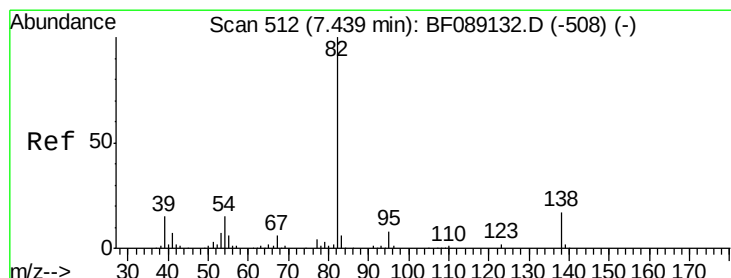
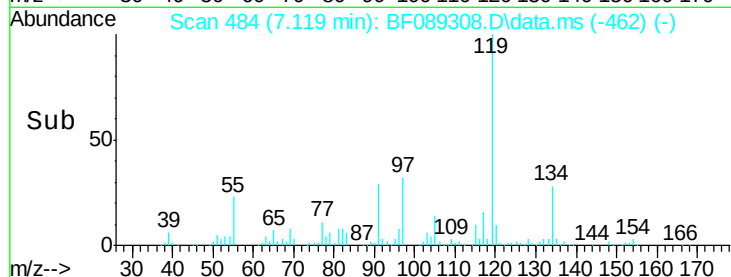
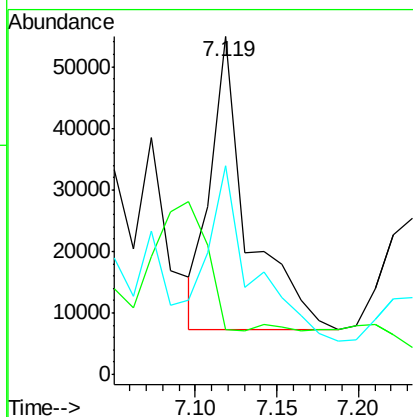
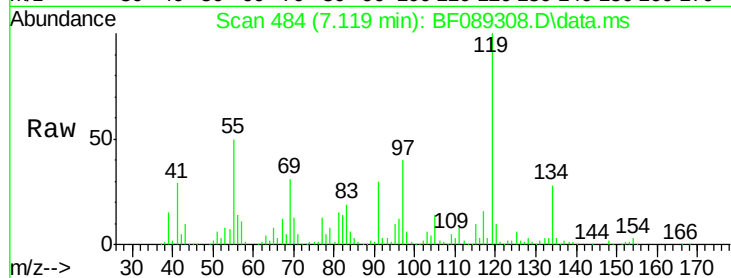




#24
Nitrobenzene
Concen: 25.95 ng
RT: 7.119 min Scan# 48
Delta R.T. -0.046 min
Lab File: BF089308.D
Acq: 26 Jul 2016 12:36

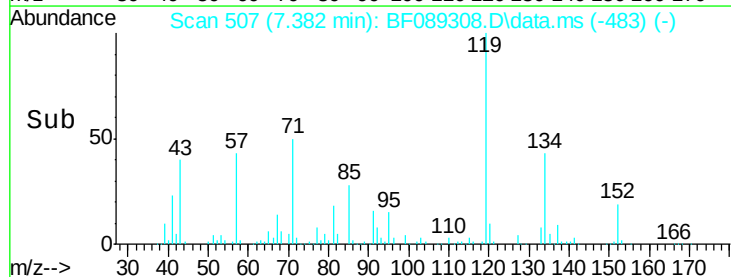
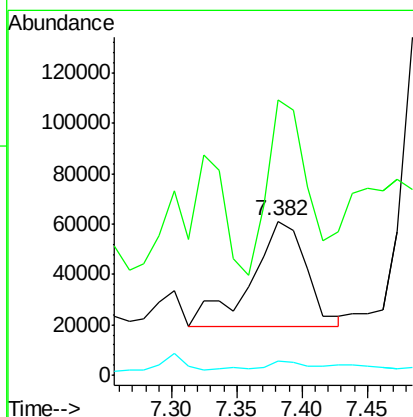
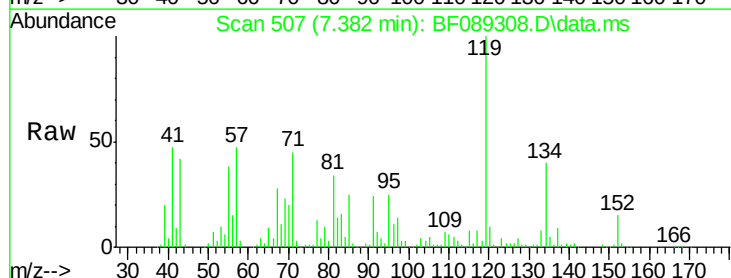
Instrument :
BNA_F
ClientSampleId :
EW-2

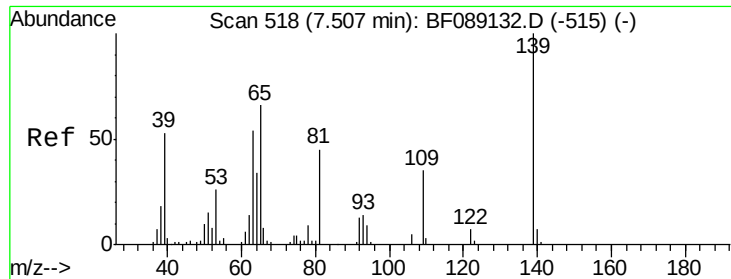
Tot Ion: 77 Resp: 75107
Ion Ratio Lower Upper
77 100
123 13.2 38.9 58.3#
65 61.7 10.6 15.8#



#25
Isophorone
Concen: 24.61 ng
RT: 7.382 min Scan# 507
Delta R.T. -0.023 min
Lab File: BF089308.D
Acq: 26 Jul 2016 12:36

Tgt Ion: 82 Resp: 124475
Ion Ratio Lower Upper
82 100
95 178.7 6.1 9.1#
138 9.0 13.6 20.4#

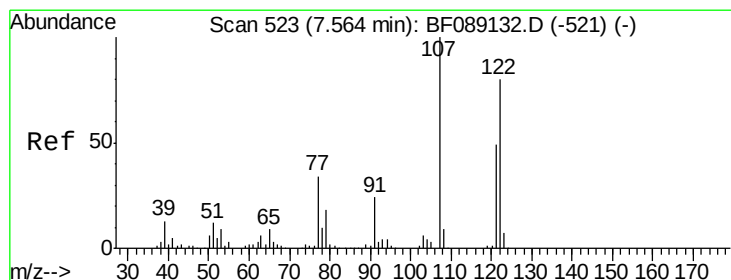
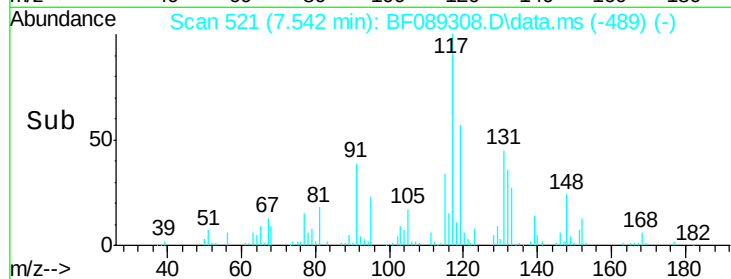
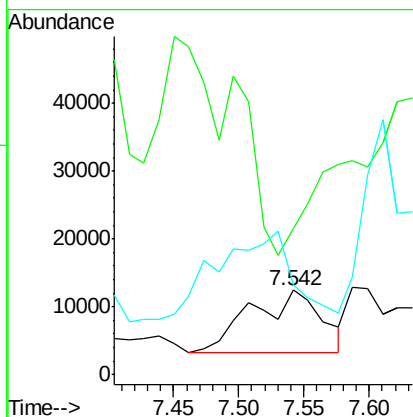
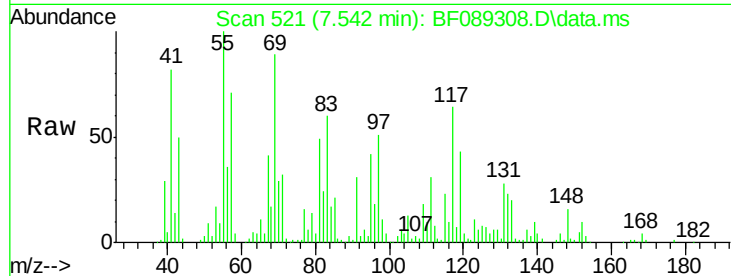




#26
2-Nitrophenol
Concen: 26.08 ng
RT: 7.542 min Scan# 521
Delta R.T. 0.069 min
Lab File: BF089308.D
Acq: 26 Jul 2016 12:36

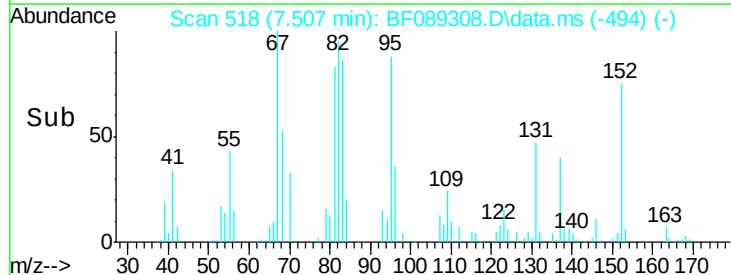
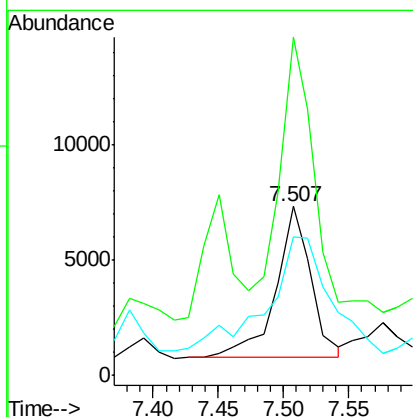
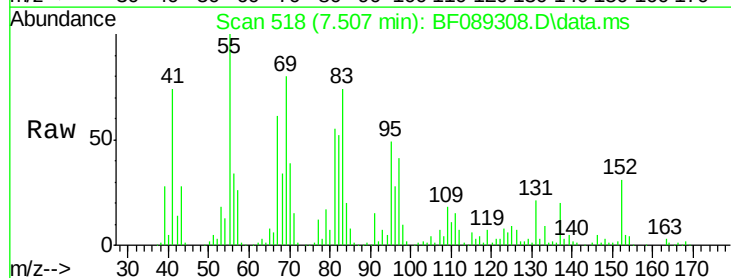
Instrument :
BNA_F
ClientSampled :
EW-2

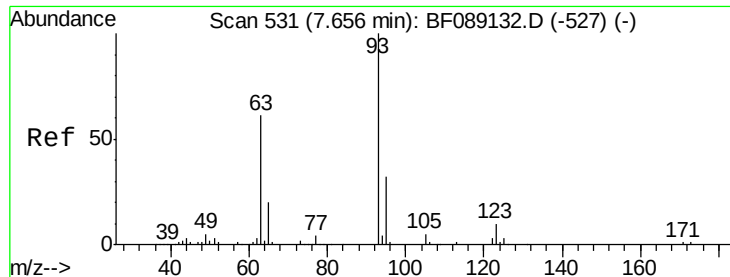
Tot Ion:139 Resp: 35206
Ion Ratio Lower Upper
139 100
109 173.4 28.1 42.1#
65 107.1 52.7 79.1#



#27
2,4-Dimethylphenol
Concen: 5.40 ng
RT: 7.507 min Scan# 518
Delta R.T. -0.023 min
Lab File: BF089308.D
Acq: 26 Jul 2016 12:36

Tgt Ion:122 Resp: 12289
Ion Ratio Lower Upper
122 100
107 200.2 99.7 149.5#
121 82.3 48.5 72.7#

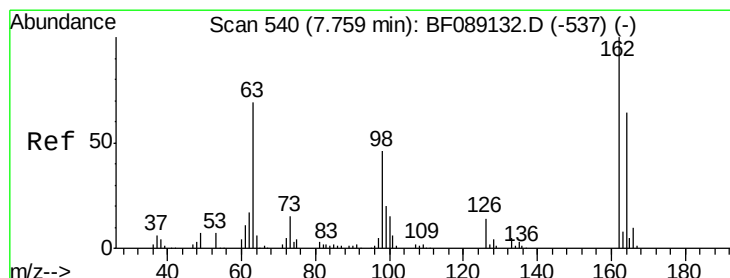
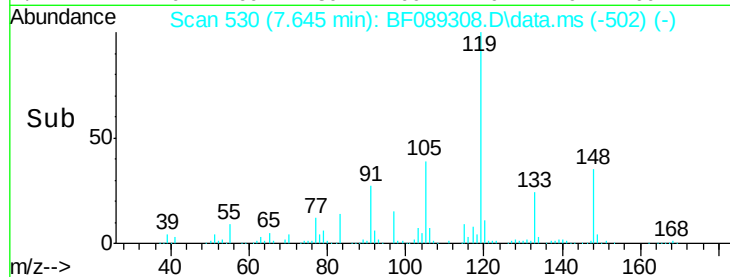
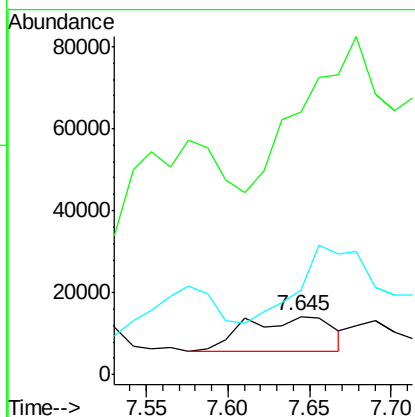
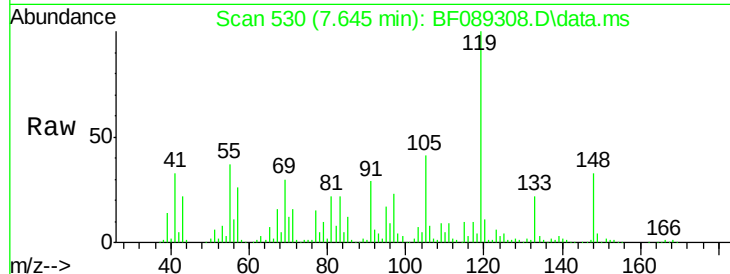




#28
bis(2-Chloroethoxy)methane
Concen: 9.89 ng
RT: 7.645 min Scan# 531
Delta R.T. 0.023 min
Lab File: BF089308.D
Acq: 26 Jul 2016 12:36

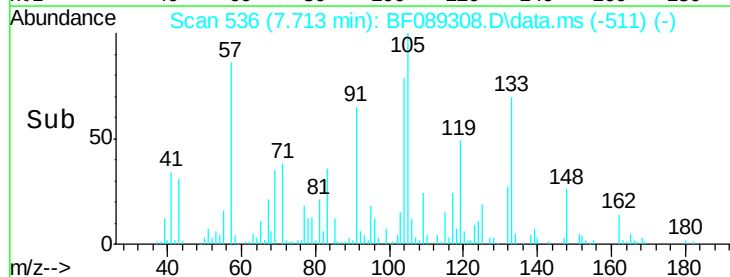
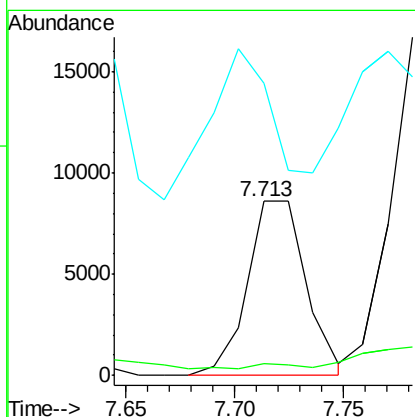
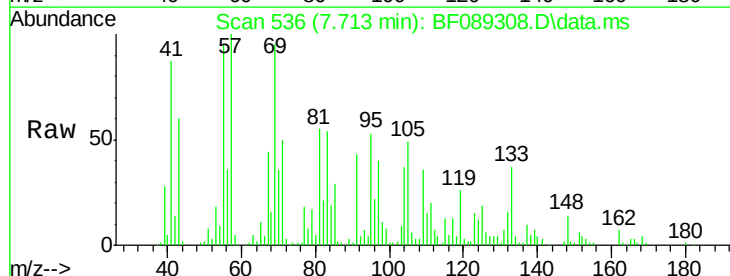
Instrument :
BNA_F
ClientSampleId :
EW-2

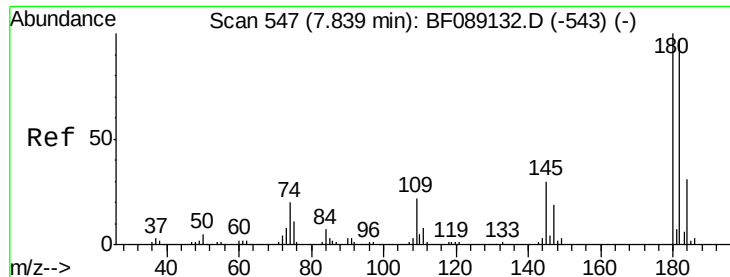
Tot Ion: 93 Resp: 31304
Ion Ratio Lower Upper
93 100
95 453.7 25.4 38.0#
123 146.8 8.3 12.5#



#29
2,4-Dichlorophenol
Concen: 7.94 ng
RT: 7.713 min Scan# 536
Delta R.T. -0.011 min
Lab File: BF089308.D
Acq: 26 Jul 2016 12:36

Tgt Ion: 162 Resp: 16280
Ion Ratio Lower Upper
162 100
164 6.6 44.0 84.0#
98 167.6 26.0 66.0#

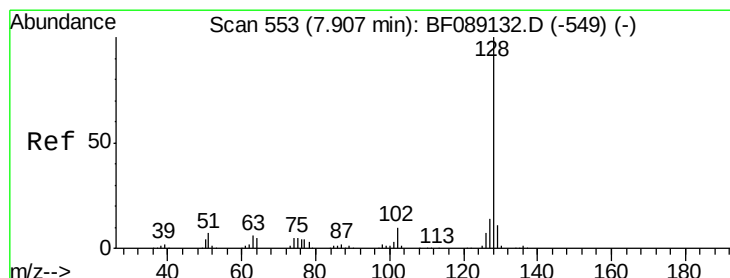
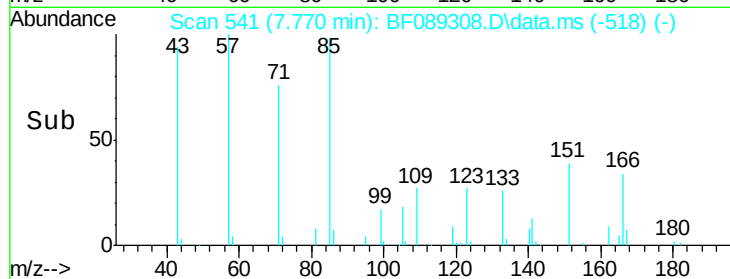
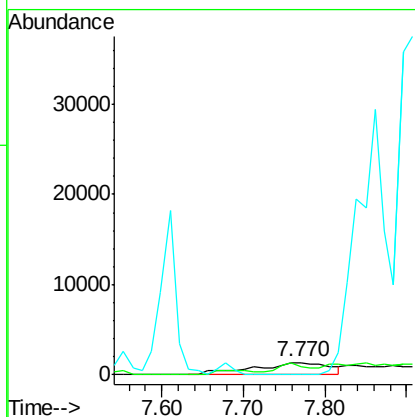
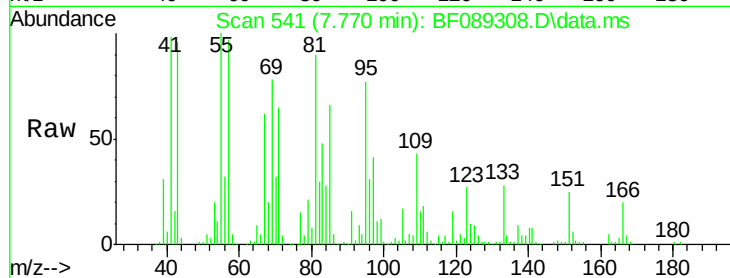




#30
1,2,4-Trichlorobenzene
Concen: 3.78 ng
RT: 7.770 min Scan# 541
Delta R.T. -0.034 min
Lab File: BF089308.D
Acq: 26 Jul 2016 12:36

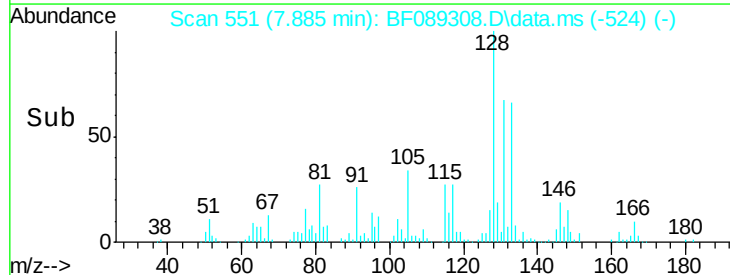
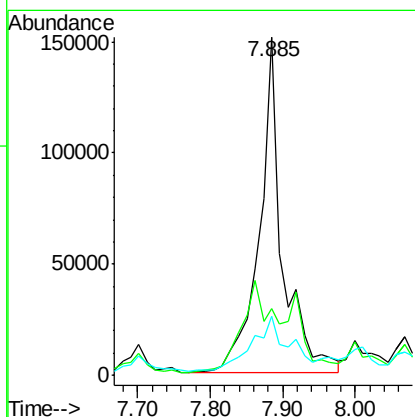
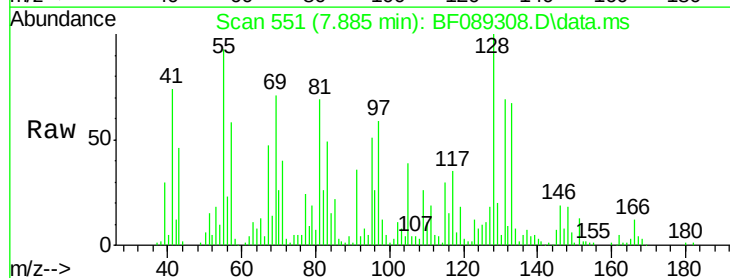
Instrument :
BNA_F
ClientSampleId :
EW-2

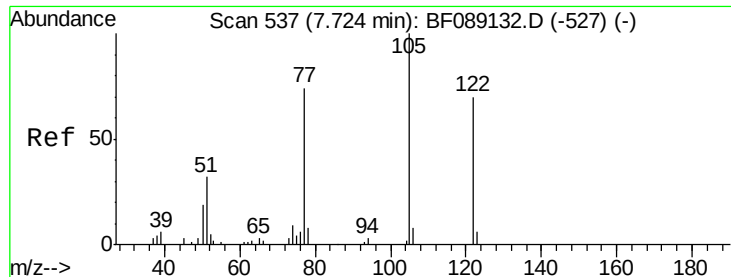
Tot Ion:180 Resp: 8568
Ion Ratio Lower Upper
180 100
182 65.7 77.6 116.4#
145 0.0 24.0 36.0#



#31
Naphthalene
Concen: 43.08 ng
RT: 7.885 min Scan# 551
Delta R.T. 0.012 min
Lab File: BF089308.D
Acq: 26 Jul 2016 12:36

Tgt Ion:128 Resp: 339031
Ion Ratio Lower Upper
128 100
129 19.8 8.9 13.3#
127 17.6 10.8 16.2#





#32

Benzoic acid

Concen: 7.72 ng

RT: 7.656 min Scan# 531

Delta R.T. -0.046 min

Lab File: BF089308.D

Acq: 26 Jul 2016 12:36

Instrument :

BNA_F

ClientSampleId :

EW-2

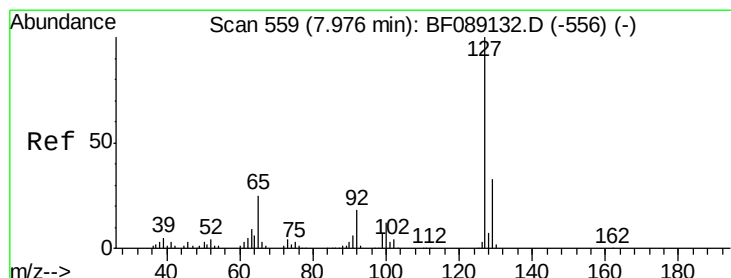
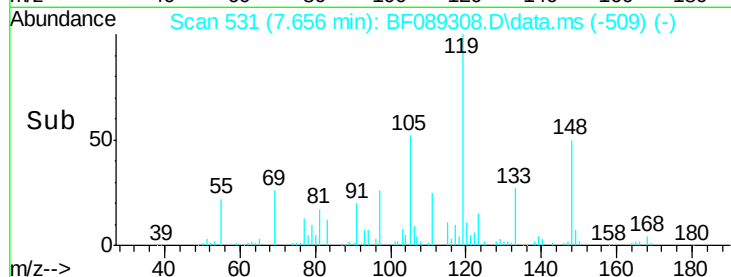
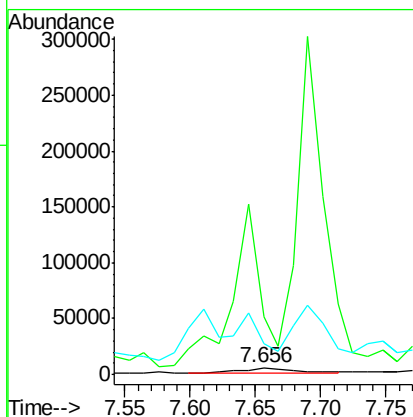
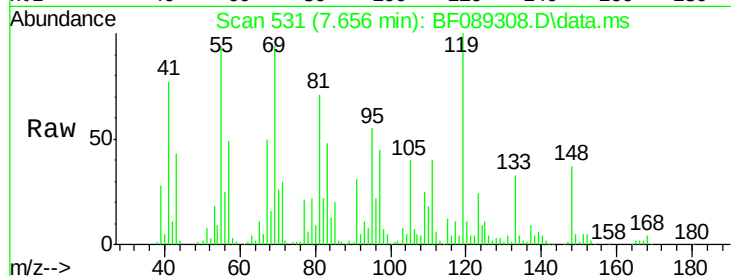
Tot Ion:122 Resp: 13499

Ion Ratio Lower Upper

122 100

105 884.9 119.0 159.0#

77 464.9 84.7 124.7#



#33

4-Chloroaniline

Concen: 4.41 ng

RT: 8.010 min Scan# 562

Delta R.T. 0.069 min

Lab File: BF089308.D

Acq: 26 Jul 2016 12:36

Tgt Ion:127 Resp: 14607

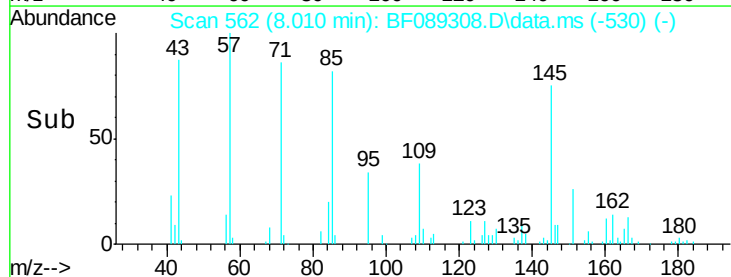
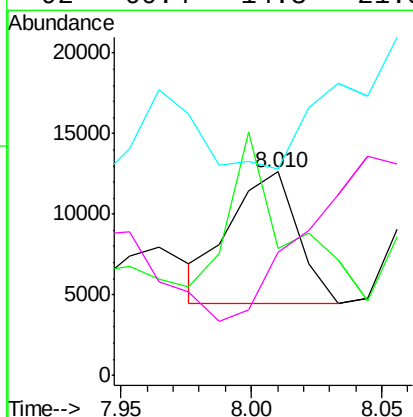
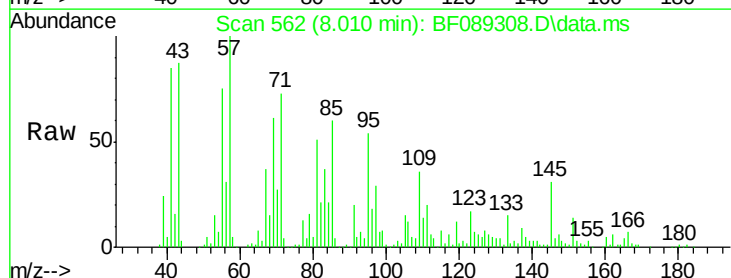
Ion Ratio Lower Upper

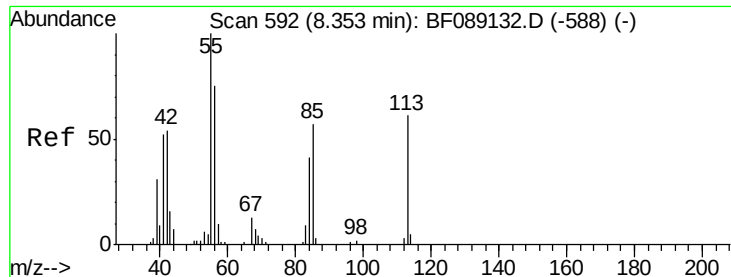
127 100

129 62.6 25.9 38.9#

65 101.4 19.7 29.5#

92 60.4 14.3 21.5#





#35

Caprolactam

Concen: 209.40 ng

RT: 8.330 min Scan# 59

Delta R.T. 0.000 min

Lab File: BF089308.D

Acq: 26 Jul 2016 12:36

Instrument :

BNA_F

ClientSampleId :

EW-2

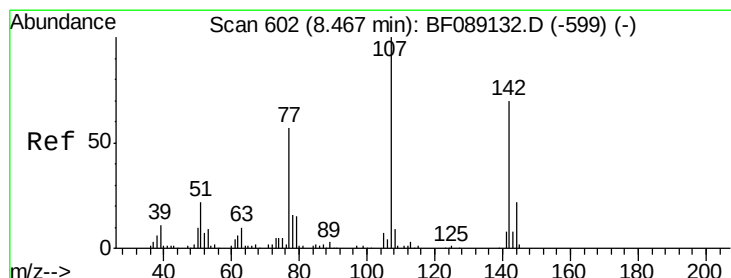
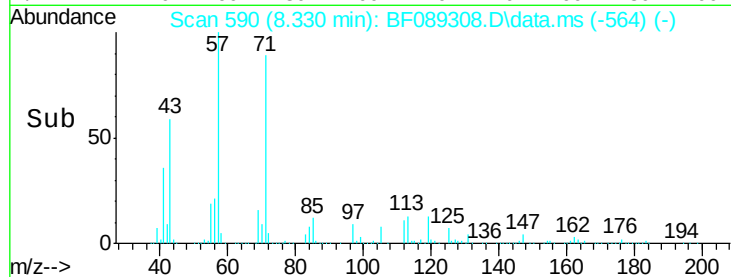
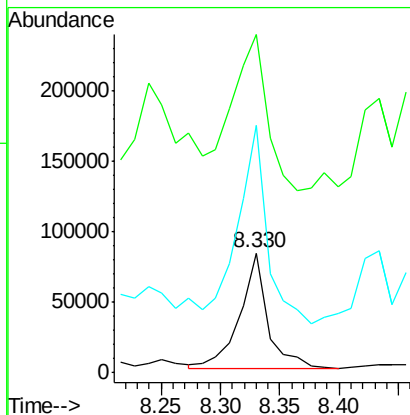
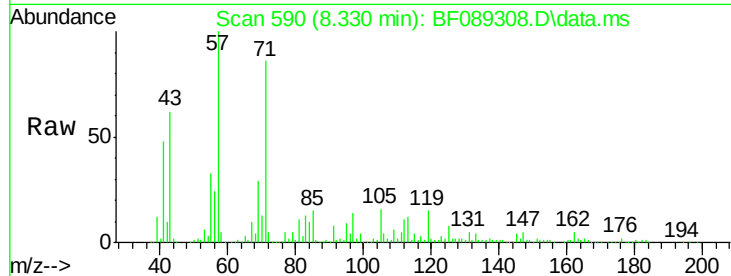
Tot Ion:113 Resp: 133310

Ion Ratio Lower Upper

113 100

55 283.3 145.3 185.3#

56 207.2 104.3 144.3#



#36

4-Chloro-3-methylphenol

Concen: 6.24 ng

RT: 8.410 min Scan# 597

Delta R.T. -0.023 min

Lab File: BF089308.D

Acq: 26 Jul 2016 12:36

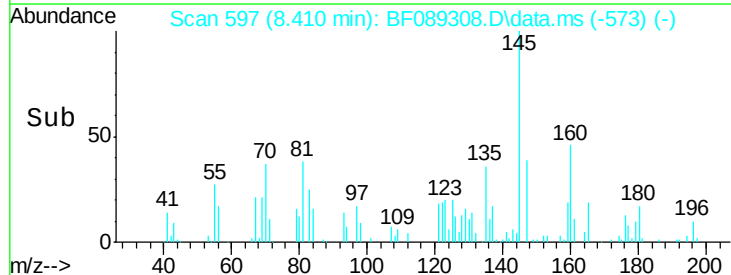
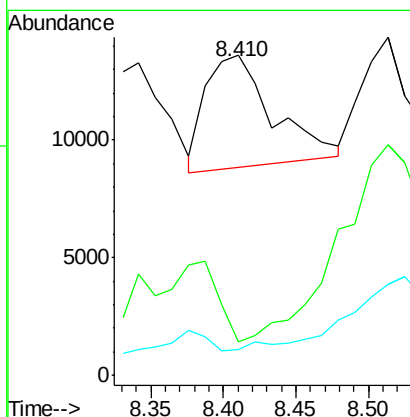
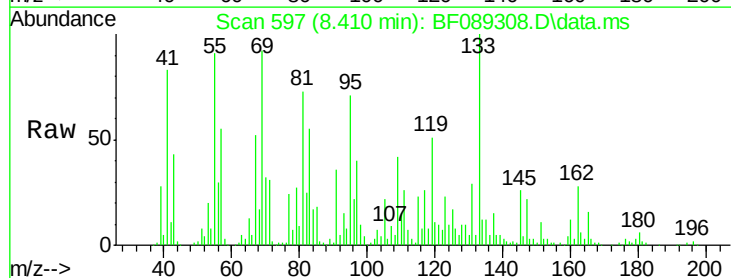
Tgt Ion:107 Resp: 15417

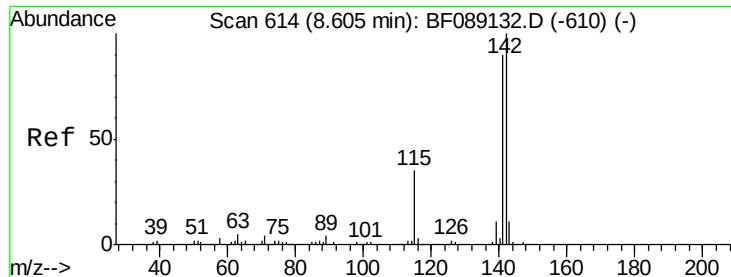
Ion Ratio Lower Upper

107 100

144 10.5 17.8 26.6#

142 8.1 56.1 84.1#

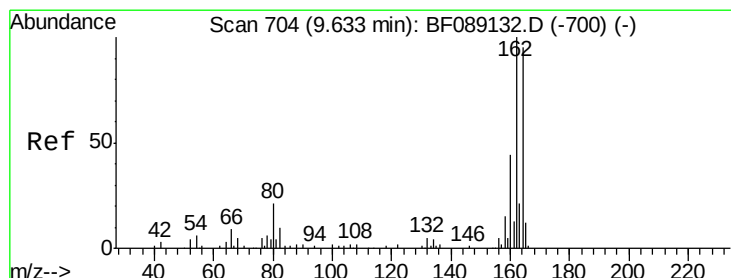
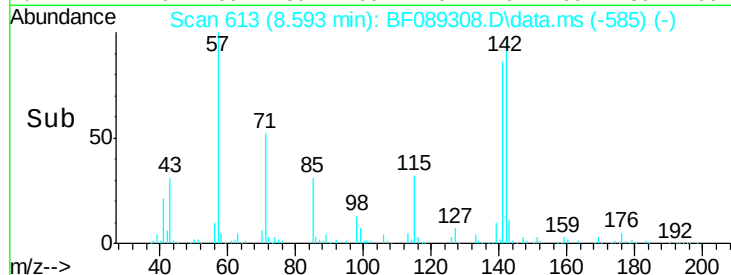
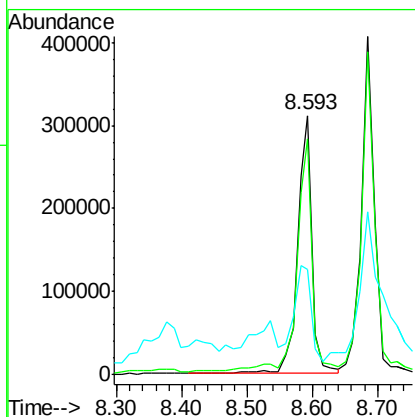
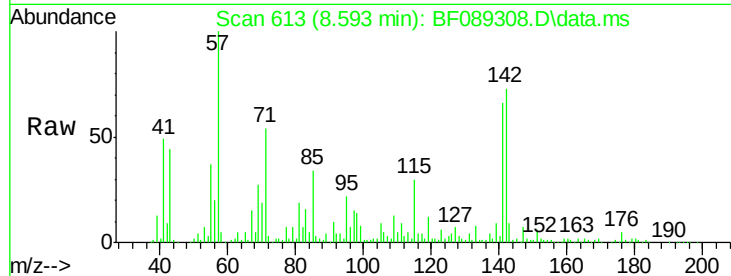




#37
2-Methylnaphthalene
Concen: 97.12 ng
RT: 8.593 min Scan# 61
Delta R.T. 0.023 min
Lab File: BF089308.D
Acq: 26 Jul 2016 12:36

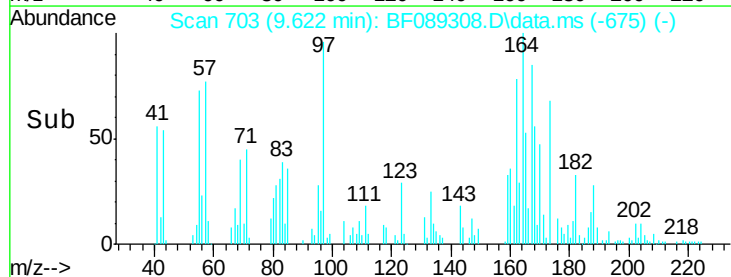
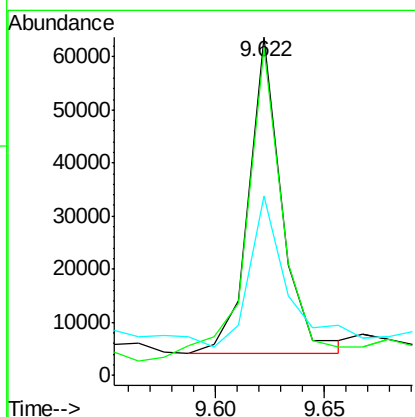
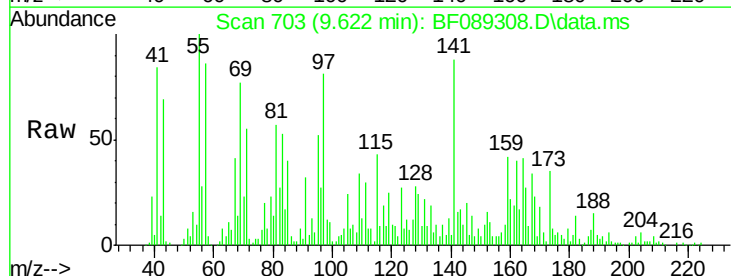
Instrument :
BNA_F
ClientSampleId :
EW-2

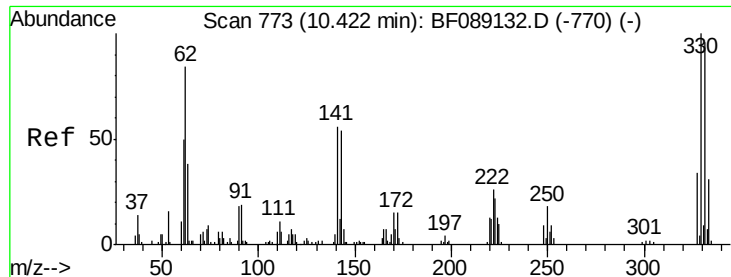
Tot Ion:142 Resp: 487471
Ion Ratio Lower Upper
142 100
141 90.7 71.6 107.4
115 40.8 27.6 41.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.622 min Scan# 703
Delta R.T. 0.023 min
Lab File: BF089308.D
Acq: 26 Jul 2016 12:36

Tgt Ion:164 Resp: 63720
Ion Ratio Lower Upper
164 100
162 97.1 84.1 126.1
160 53.2 37.1 55.7

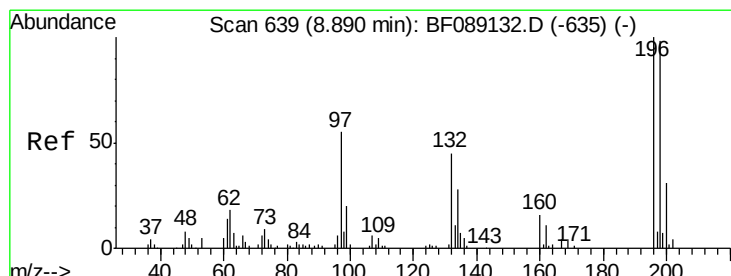
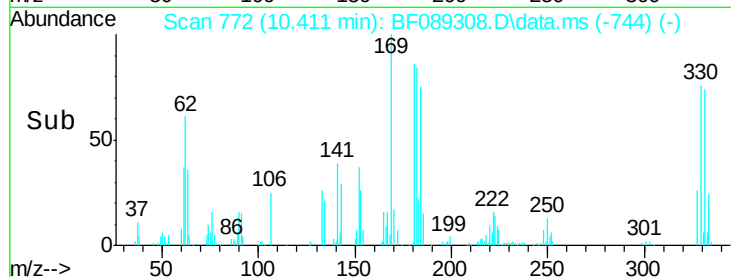
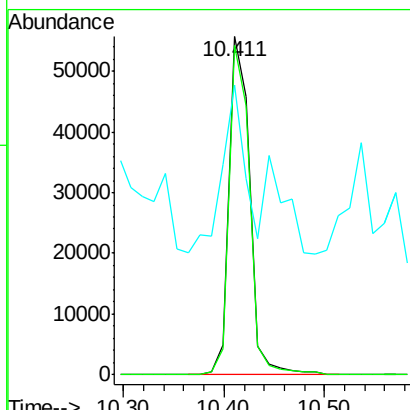
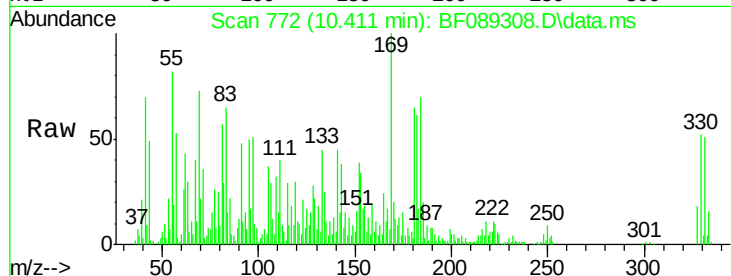




#41
 2,4,6-Tribromophenol
 Concen: 138.52 ng
 RT: 10.411 min Scan# 77
 Delta R.T. 0.023 min
 Lab File: BF089308.D
 Acq: 26 Jul 2016 12:36

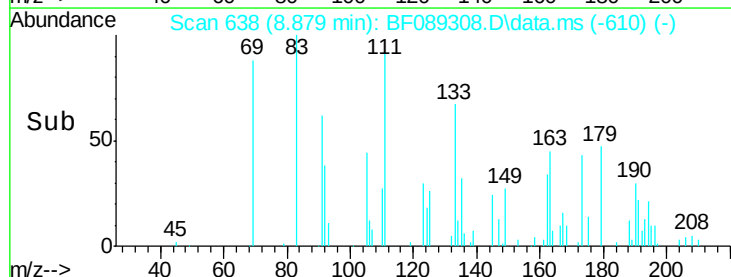
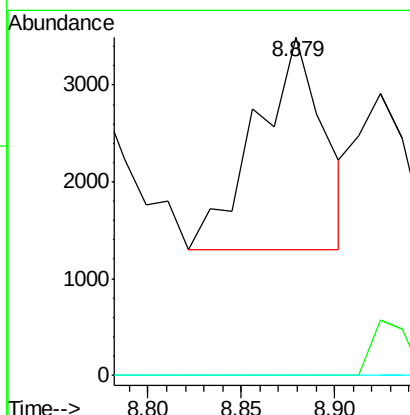
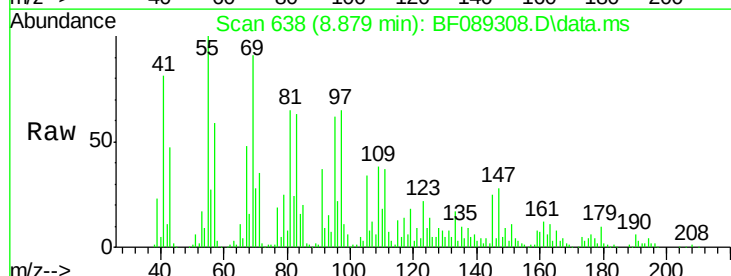
Instrument :
 BNA_F
 ClientSampleId :
 EW-2

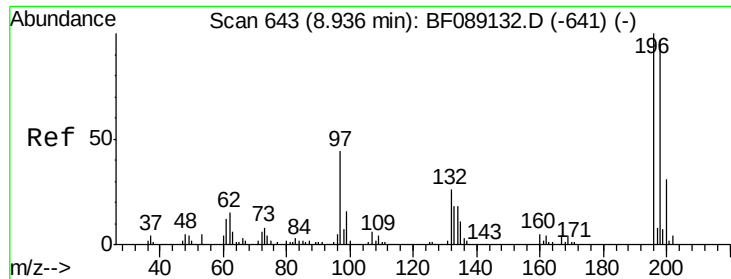
Tot Ion:330 Resp: 79469
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.2 115.8
 141 54.4 42.2 63.2



#42
 2,4,6-Trichlorophenol
 Concen: 4.16 ng
 RT: 8.879 min Scan# 638
 Delta R.T. 0.023 min
 Lab File: BF089308.D
 Acq: 26 Jul 2016 12:36

Tgt Ion:196 Resp: 5512
 Ion Ratio Lower Upper
 196 100
 198 0.0 78.3 117.5#
 200 0.0 25.0 37.4#

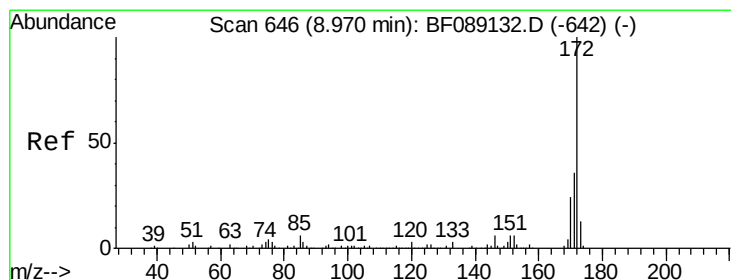
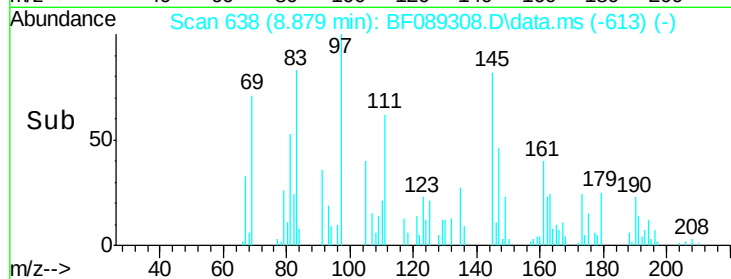
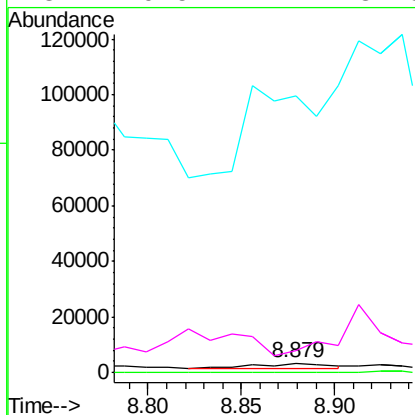
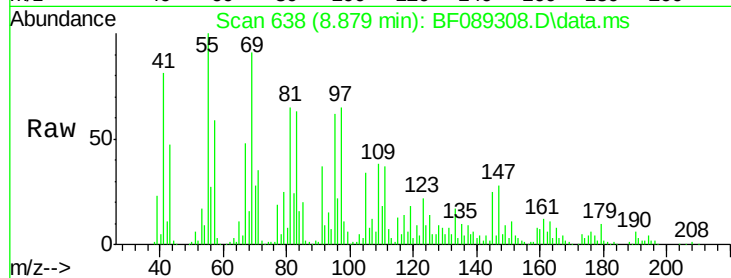




#43
 2,4,5-Trichlorophenol
 Concen: 4.14 ng
 RT: 8.879 min Scan# 63
 Delta R.T. -0.011 min
 Lab File: BF089308.D
 Acq: 26 Jul 2016 12:36

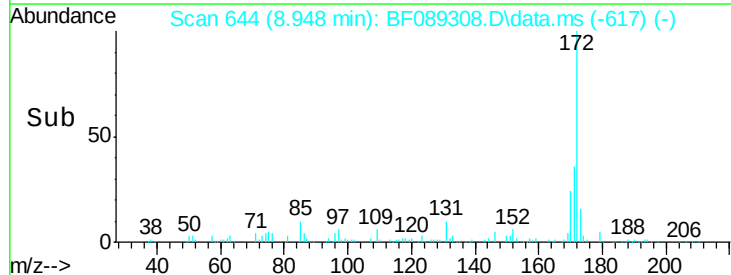
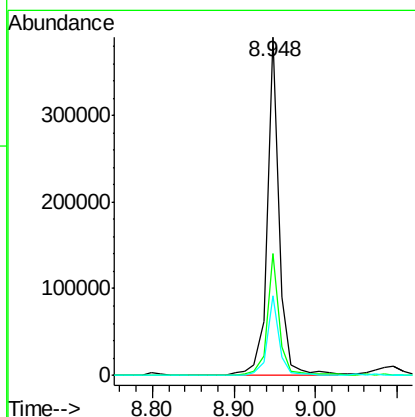
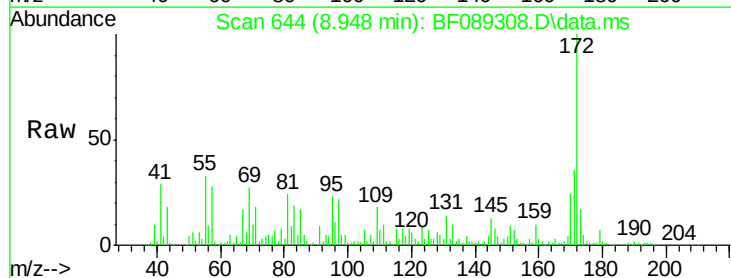
Instrument :
 BNA_F
 ClientSampleId :
 EW-2

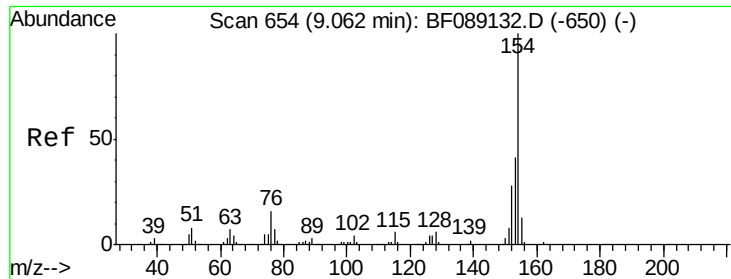
Tot Ion:196 Resp: 5512
 Ion Ratio Lower Upper
 196 100
 198 0.0 77.6 116.4#
 97 2843.0 36.5 54.7#
 132 219.5 21.2 31.8#



#44
 2-Fluorobiphenyl
 Concen: 88.45 ng
 RT: 8.948 min Scan# 644
 Delta R.T. 0.012 min
 Lab File: BF089308.D
 Acq: 26 Jul 2016 12:36

Tgt Ion:172 Resp: 409040
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.2 43.8
 170 23.6 19.1 28.7





#45

1,1'-Biphenyl

Concen: 23.76 ng

RT: 9.050 min Scan# 65

Delta R.T. 0.023 min

Lab File: BF089308.D

Acq: 26 Jul 2016 12:36

Instrument :

BNA_F

ClientSampleId :

EW-2

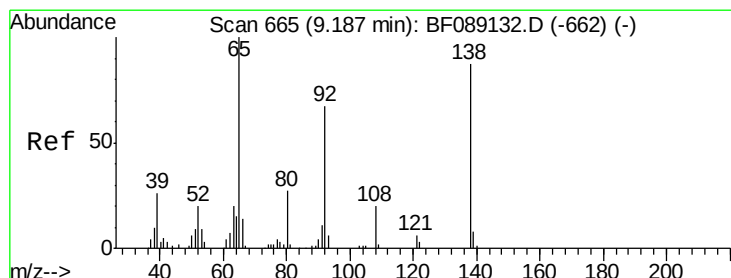
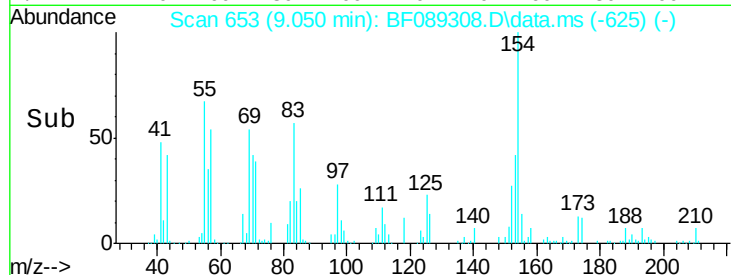
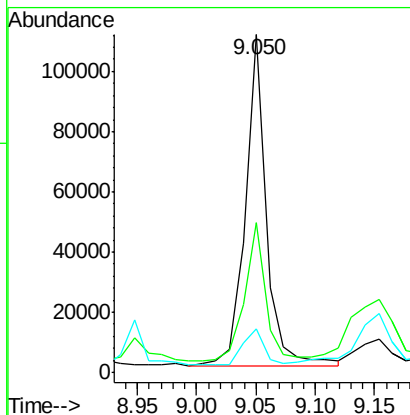
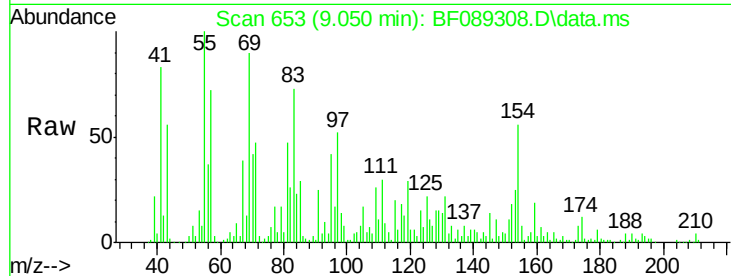
Tot Ion:154 Resp: 136323

Ion Ratio Lower Upper

154 100

153 44.5 21.1 61.1

76 13.0 0.0 35.8



#47

2-Nitroaniline

Concen: 12.21 ng

RT: 9.176 min Scan# 664

Delta R.T. 0.023 min

Lab File: BF089308.D

Acq: 26 Jul 2016 12:36

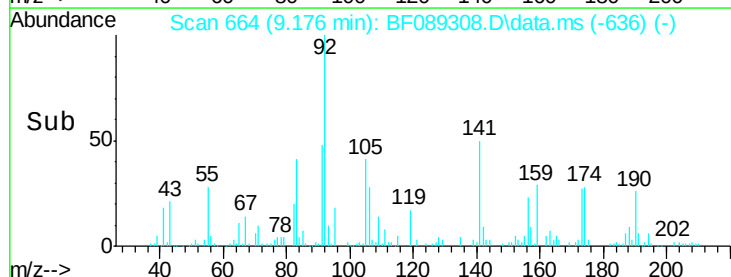
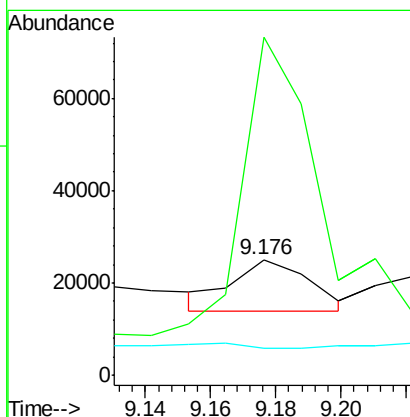
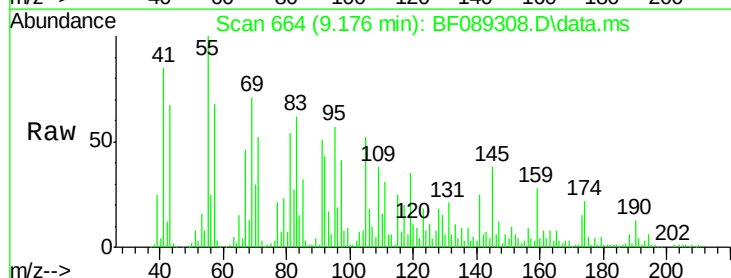
Tgt Ion: 65 Resp: 18268

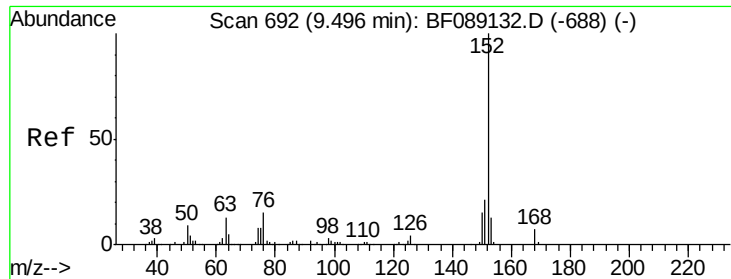
Ion Ratio Lower Upper

65 100

92 291.8 53.2 79.8#

138 23.5 69.4 104.2#





#48

Acenaphthylene

Concen: 6.78 ng

RT: 9.496 min Scan# 69

Delta R.T. 0.034 min

Lab File: BF089308.D

Acq: 26 Jul 2016 12:36

Instrument :

BNA_F

ClientSampleId :

EW-2

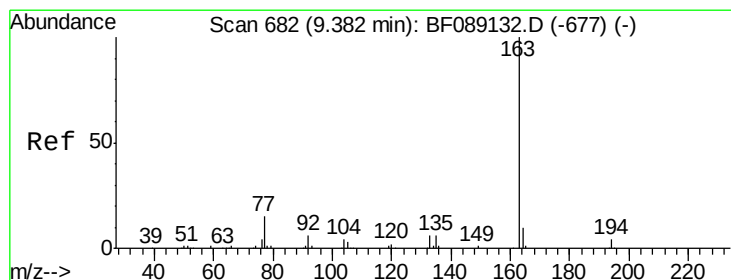
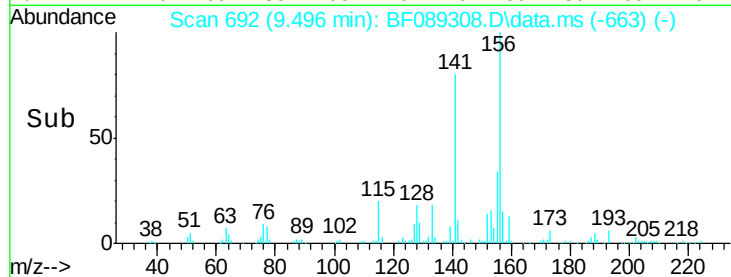
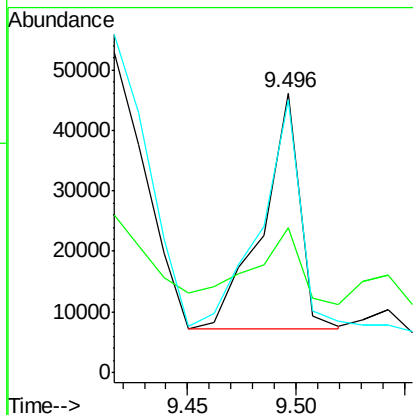
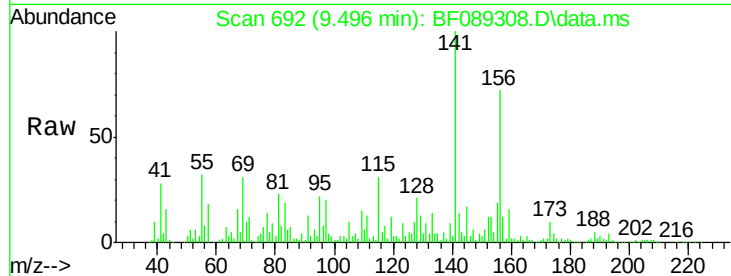
Tot Ion:152 Resp: 46451

Ion Ratio Lower Upper

152 100

151 51.7 16.5 24.7#

153 97.6 10.7 16.1#



#49

Dimethylphthalate

Concen: 26.24 ng

RT: 9.359 min Scan# 680

Delta R.T. 0.012 min

Lab File: BF089308.D

Acq: 26 Jul 2016 12:36

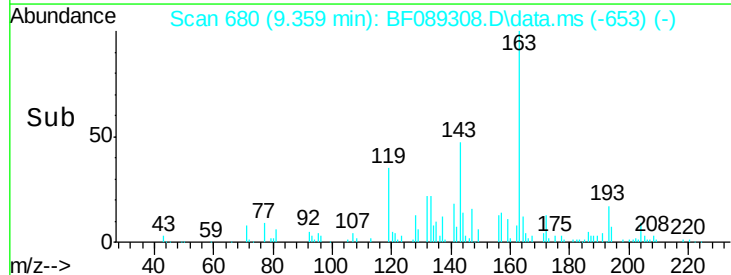
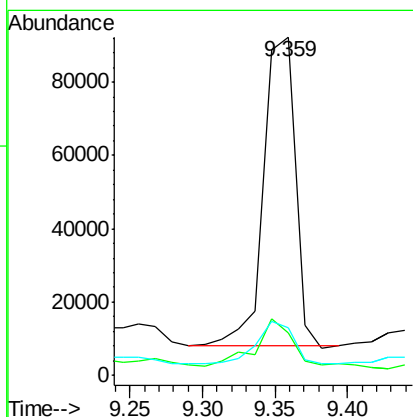
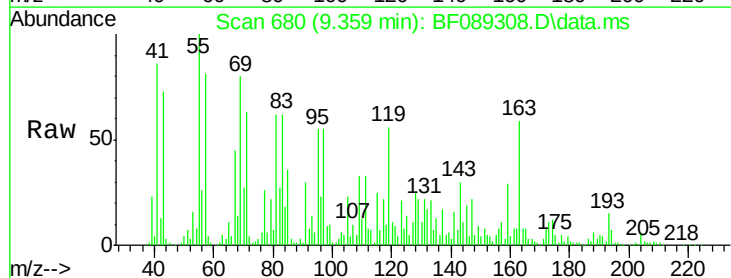
Tgt Ion:163 Resp: 128286

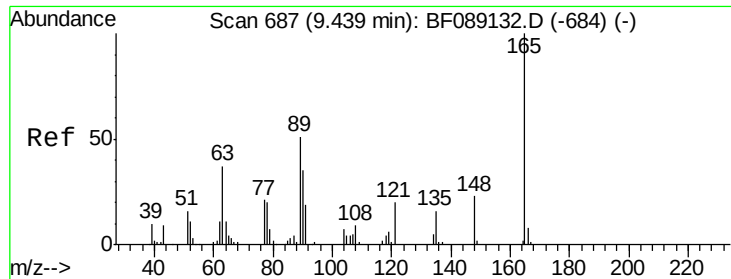
Ion Ratio Lower Upper

163 100

194 12.5 2.9 4.3#

164 13.9 7.6 11.4#

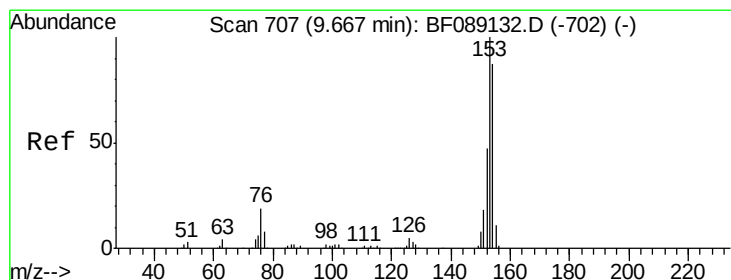
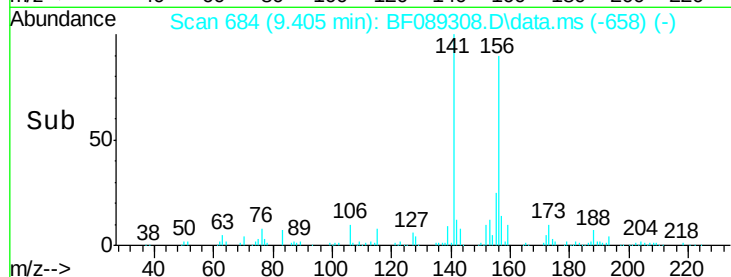
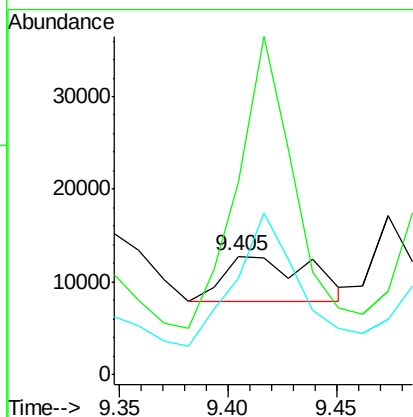
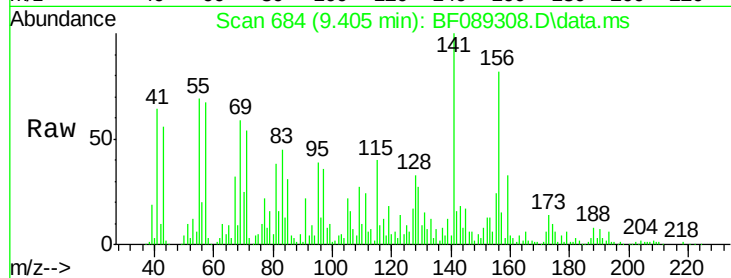




#50
2,6-Dinitrotoluene
Concen: 12.34 ng
RT: 9.405 min Scan# 68
Delta R.T. 0.000 min
Lab File: BF089308.D
Acq: 26 Jul 2016 12:36

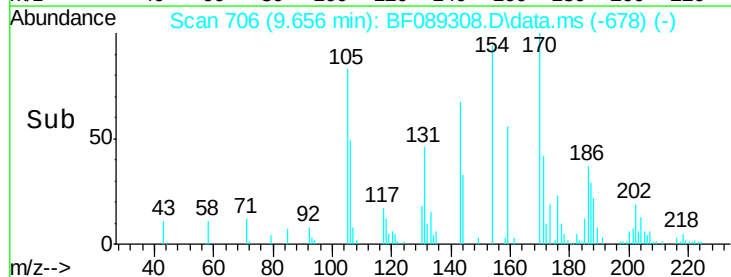
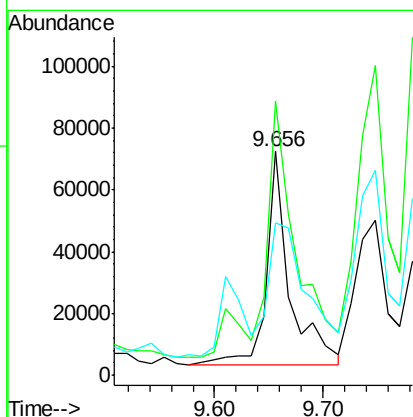
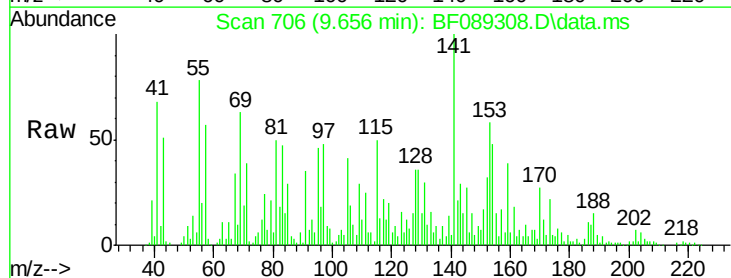
Instrument :
BNA_F
ClientSampleId :
EW-2

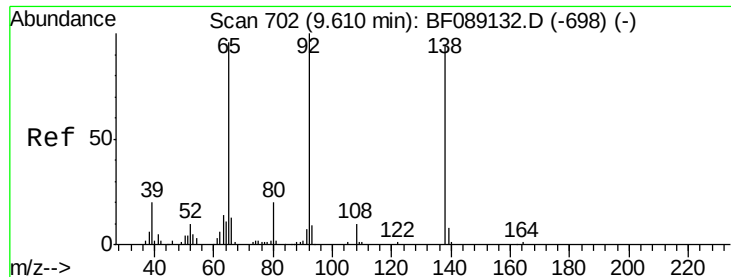
Tot Ion:165 Resp: 13624
Ion Ratio Lower Upper
165 100
63 161.8 37.0 55.4#
89 81.4 40.9 61.3#



#51
Acenaphthene
Concen: 25.15 ng
RT: 9.656 min Scan# 706
Delta R.T. 0.023 min
Lab File: BF089308.D
Acq: 26 Jul 2016 12:36

Tgt Ion:154 Resp: 101989
Ion Ratio Lower Upper
154 100
153 122.5 91.9 137.9
152 67.9 42.8 64.2#





#52

3-Nitroaniline

Concen: 9.78 ng

RT: 9.611 min Scan# 702

Delta R.T. 0.034 min

Lab File: BF089308.D

Acq: 26 Jul 2016 12:36

Instrument :

BNA_F

ClientSampleId :

EW-2

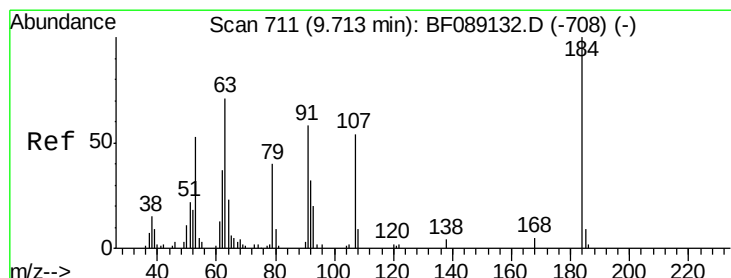
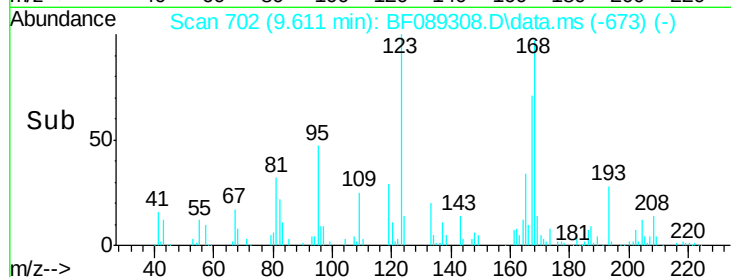
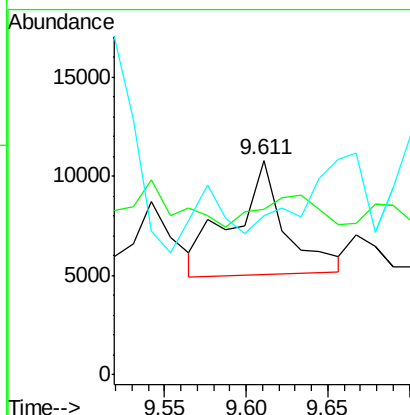
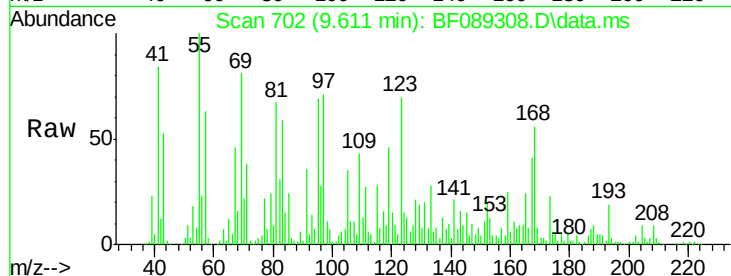
Tot Ion:138 Resp: 12822

Ion Ratio Lower Upper

138 100

108 77.5 8.8 13.2#

92 74.4 85.3 127.9#



#53

2,4-Dinitrophenol

Concen: 11.56 ng

RT: 9.691 min Scan# 709

Delta R.T. 0.012 min

Lab File: BF089308.D

Acq: 26 Jul 2016 12:36

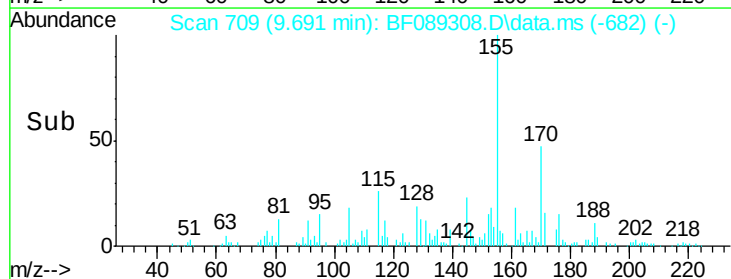
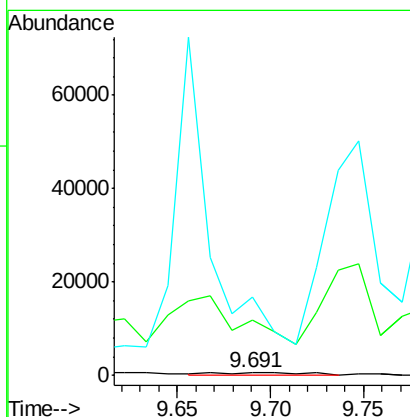
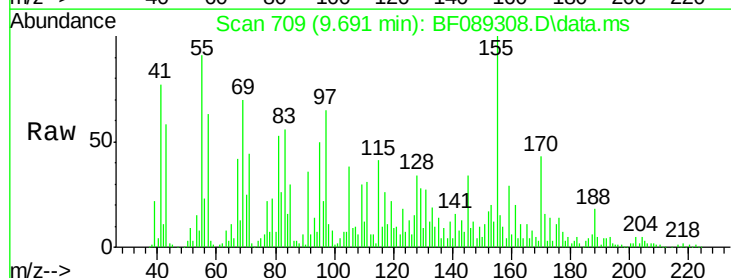
Tgt Ion:184 Resp: 1911

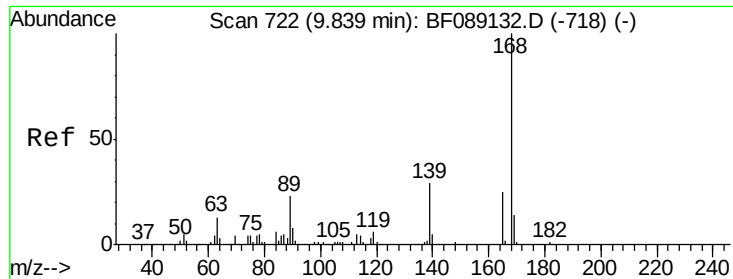
Ion Ratio Lower Upper

184 100

63 2172.3 60.3 90.5#

154 3075.9 60.7 91.1#





#54

Dibenzofuran

Concen: 16.98 ng

RT: 9.828 min Scan# 72

Delta R.T. 0.023 min

Lab File: BF089308.D

Acq: 26 Jul 2016 12:36

Instrument :

BNA_F

ClientSampled :

EW-2

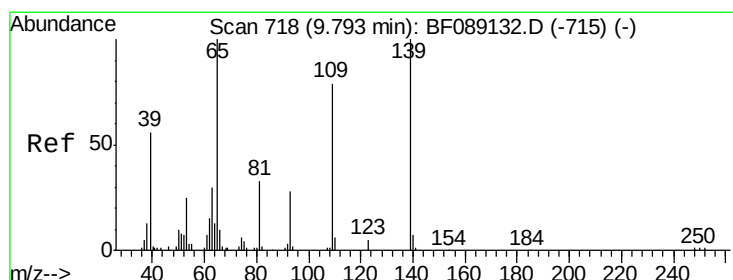
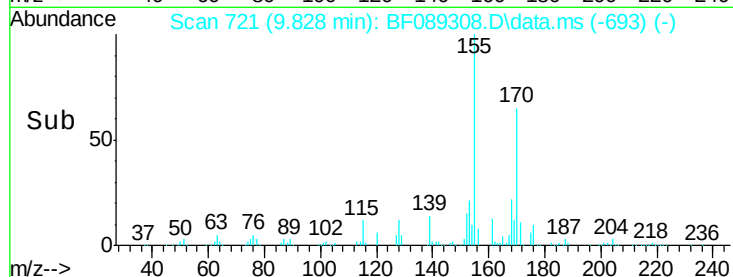
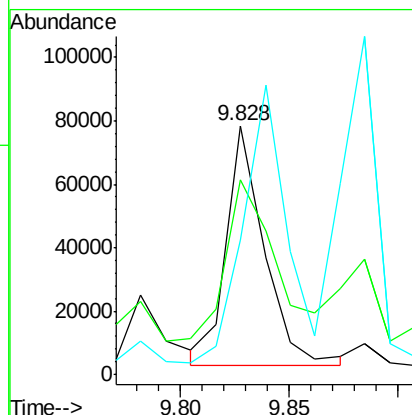
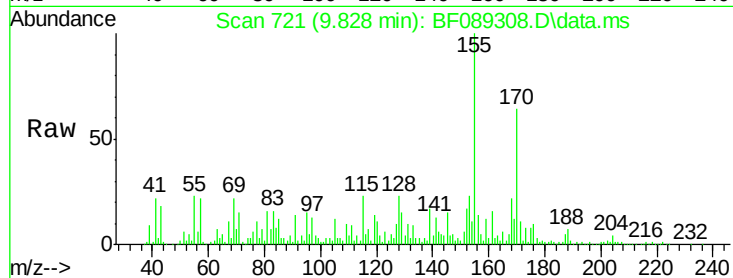
Tot Ion:168 Resp: 93022

Ion Ratio Lower Upper

168 100

139 78.2 34.4 51.6#

169 54.2 10.8 16.2#



#55

4-Nitrophenol

Concen: 76.58 ng

RT: 9.748 min Scan# 714

Delta R.T. -0.011 min

Lab File: BF089308.D

Acq: 26 Jul 2016 12:36

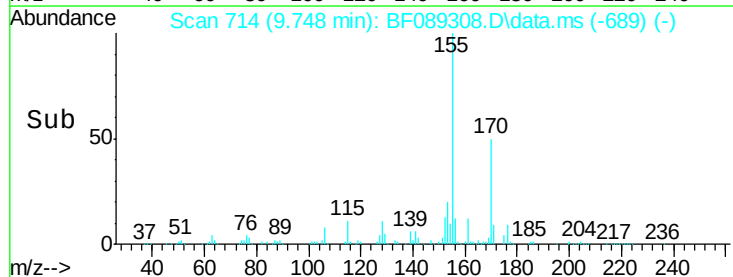
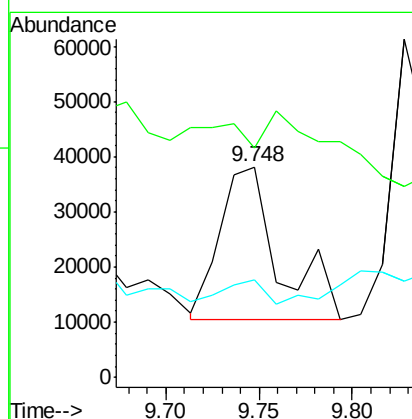
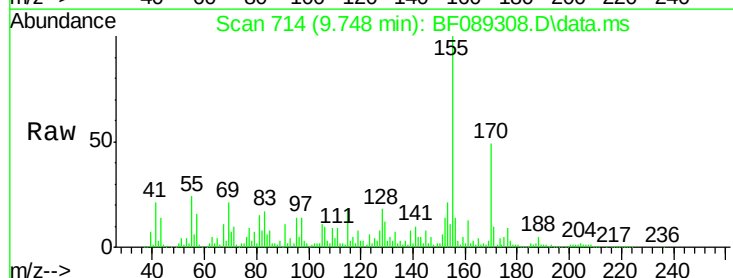
Tgt Ion:139 Resp: 60742

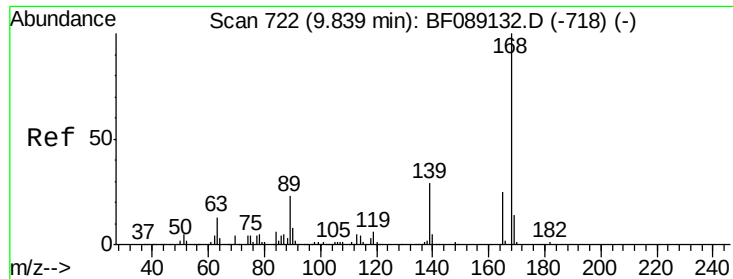
Ion Ratio Lower Upper

139 100

109 108.6 58.7 98.7#

65 46.1 80.2 120.2#

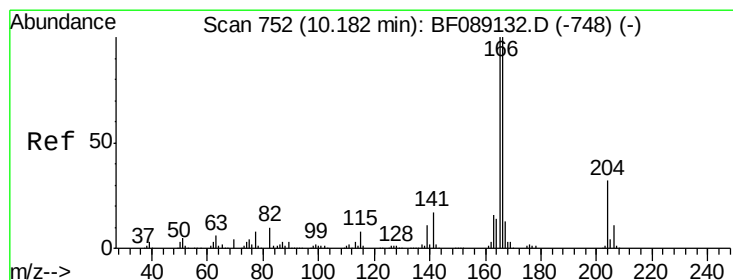
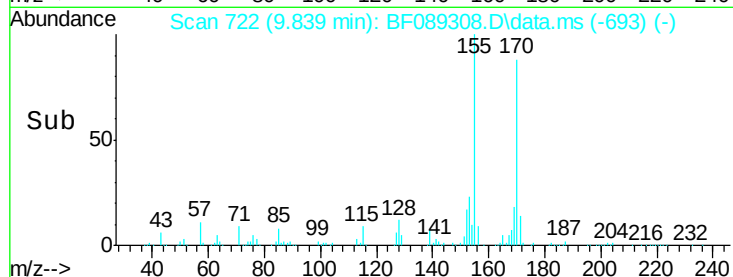
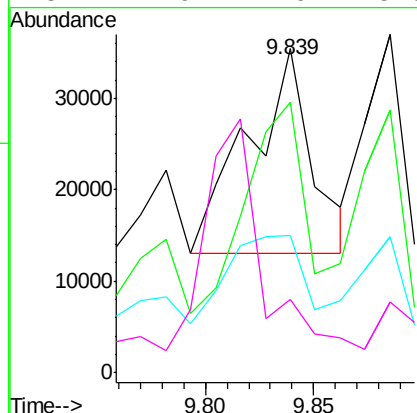
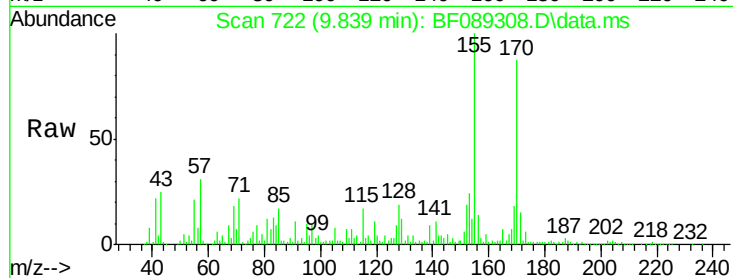




#56
 2,4-Dinitrotoluene
 Concen: 32.27 ng
 RT: 9.839 min Scan# 72
 Delta R.T. 0.034 min
 Lab File: BF089308.D
 Acq: 26 Jul 2016 12:36

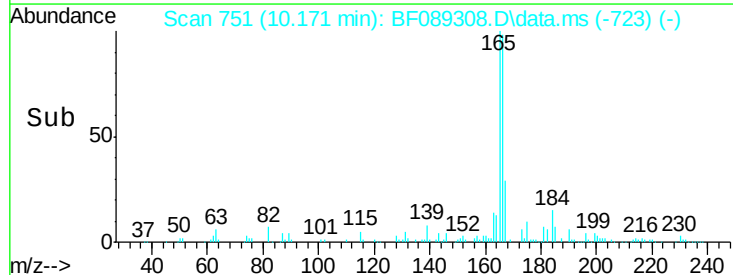
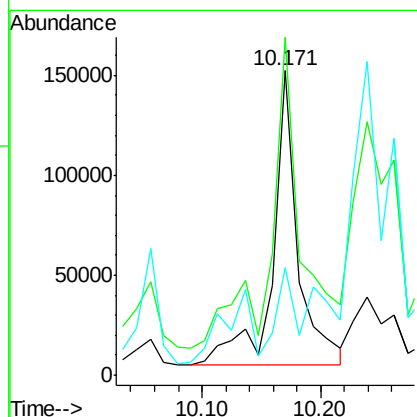
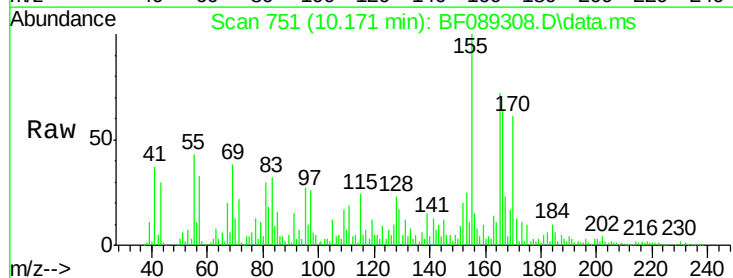
Instrument :
 BNA_F
 ClientSampleId :
 EW-2

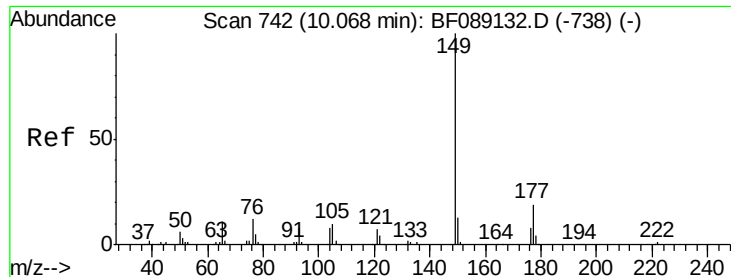
Tot Ion:165 Resp: 45880
 Ion Ratio Lower Upper
 165 100
 63 83.4 55.4 83.2#
 89 42.4 74.3 111.5#
 182 22.6 2.0 3.0#



#57
 Fluorene
 Concen: 46.98 ng
 RT: 10.171 min Scan# 751
 Delta R.T. 0.023 min
 Lab File: BF089308.D
 Acq: 26 Jul 2016 12:36

Tgt Ion:166 Resp: 218532
 Ion Ratio Lower Upper
 166 100
 165 111.1 79.9 119.9
 167 35.2 10.7 16.1#





#59

Diethylphthalate

Concen: 3.35 ng

RT: 10.079 min Scan# 742

Delta R.T. 0.046 min

Lab File: BF089308.D

Acq: 26 Jul 2016 12:36

Instrument :

BNA_F

ClientSampleId :

EW-2

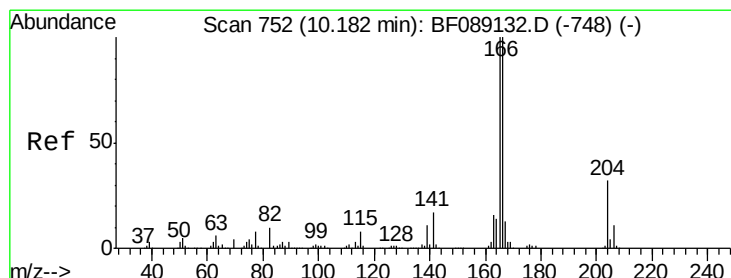
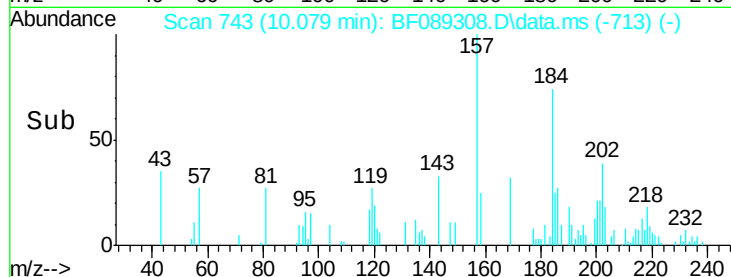
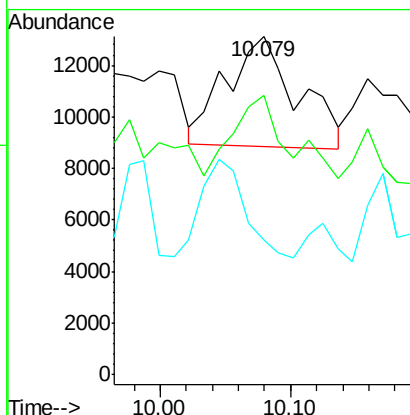
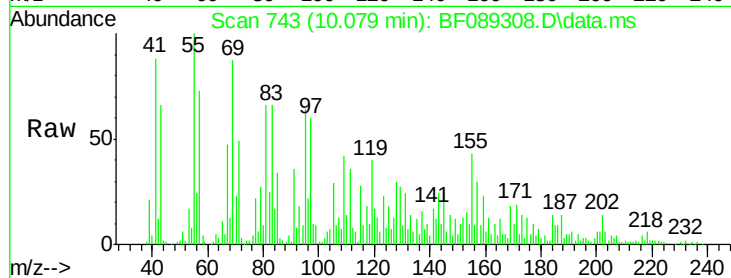
Tot Ion:149 Resp: 16266

Ion Ratio Lower Upper

149 100

177 82.6 15.6 23.4#

150 39.6 10.1 15.1#



#60

4-Chlorophenyl-phenylether

Concen: 3.74 ng

RT: 10.125 min Scan# 747

Delta R.T. -0.011 min

Lab File: BF089308.D

Acq: 26 Jul 2016 12:36

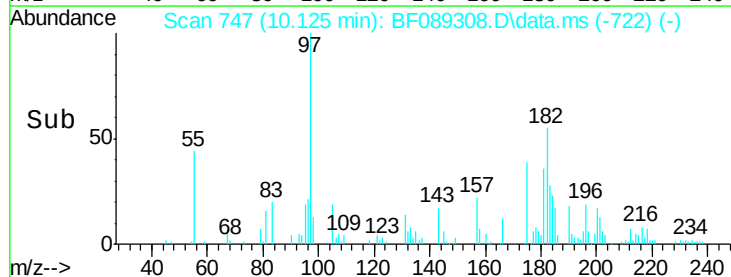
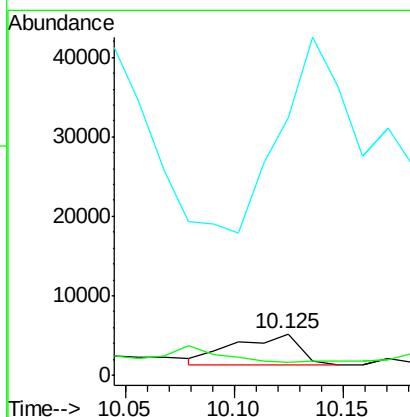
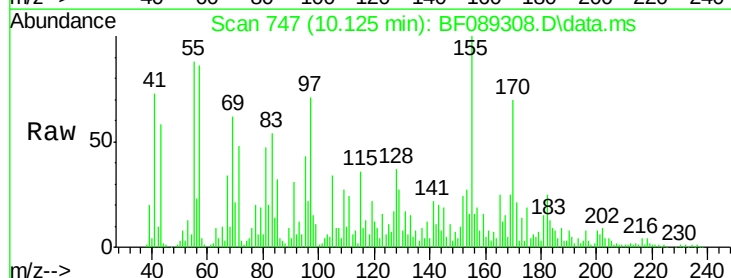
Tgt Ion:204 Resp: 7937

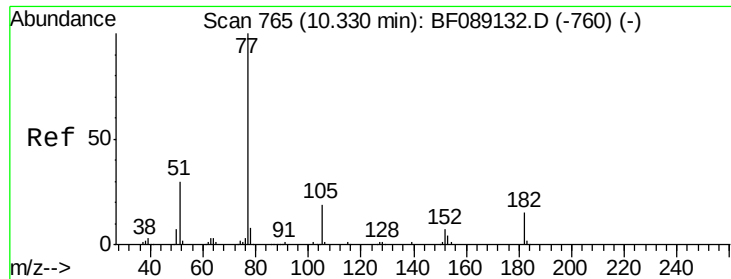
Ion Ratio Lower Upper

204 100

206 32.0 26.2 39.4

141 625.2 42.2 63.4#





#62

Azobenzene

Concen: 3.55 ng

RT: 10.331 min Scan# 76

Delta R.T. 0.034 min

Lab File: BF089308.D

Acq: 26 Jul 2016 12:36

Instrument :

BNA_F

ClientSampleId :

EW-2

Tot Ion: 77 Resp: 18684

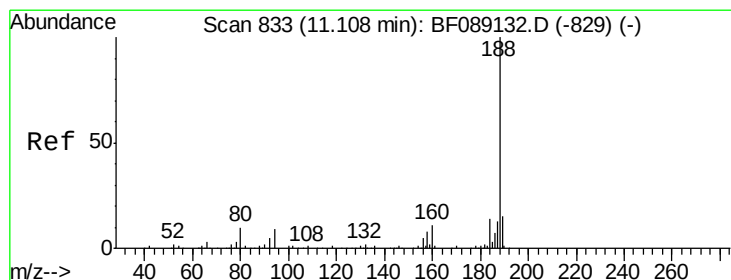
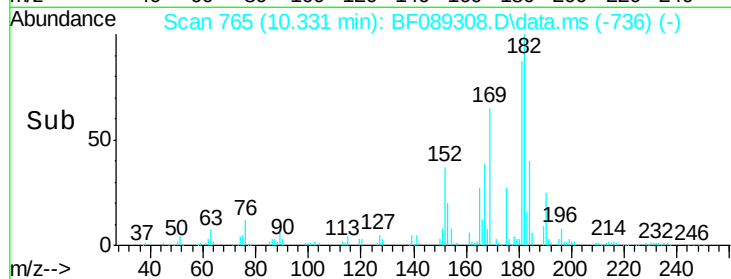
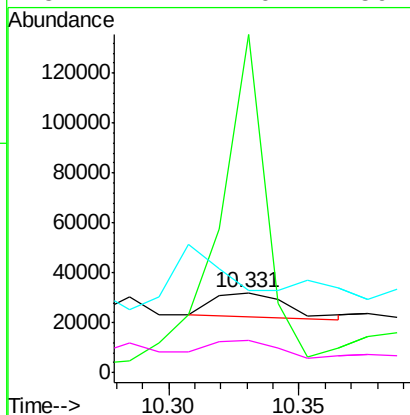
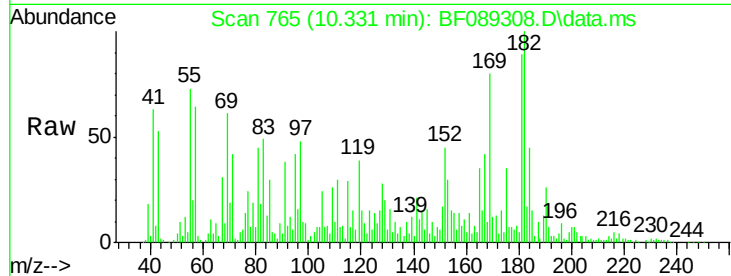
Ion Ratio Lower Upper

77 100

182 424.7 0.0 35.0#

105 103.0 0.0 39.4#

51 41.1 10.7 50.7



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.096 min Scan# 832

Delta R.T. 0.023 min

Lab File: BF089308.D

Acq: 26 Jul 2016 12:36

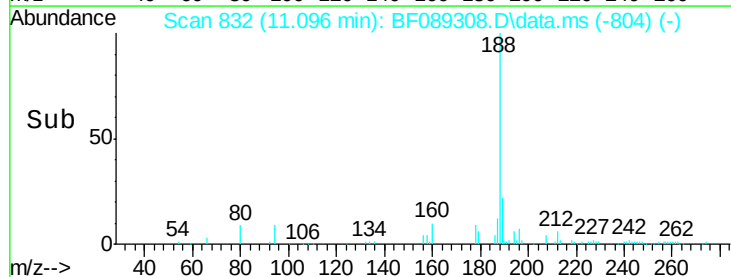
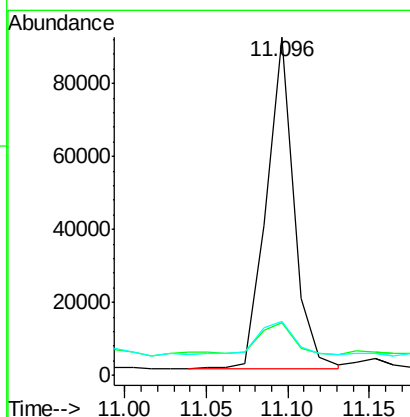
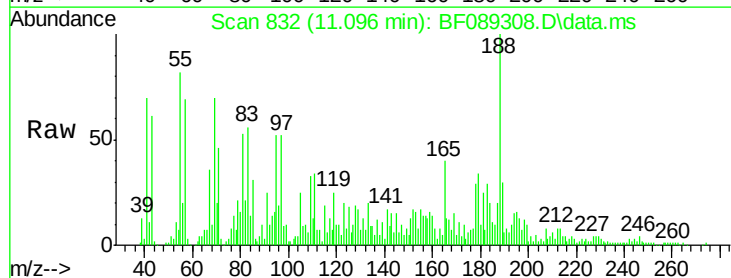
Tgt Ion: 188 Resp: 106078

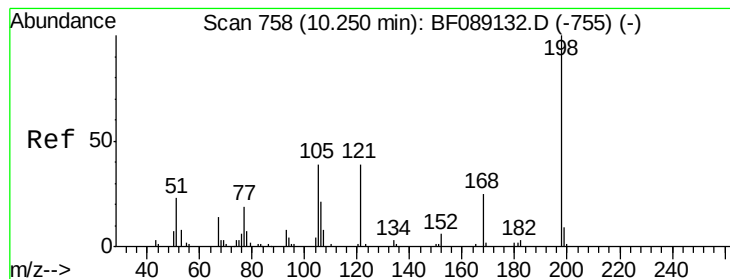
Ion Ratio Lower Upper

188 100

94 15.6 7.0 10.4#

80 16.1 7.7 11.5#





#64

4,6-Dinitro-2-methylphenol

Concen: 4.73 ng

RT: 10.273 min Scan# 76

Delta R.T. 0.057 min

Lab File: BF089308.D

Acq: 26 Jul 2016 12:36

Instrument :

BNA_F

ClientSampleId :

EW-2

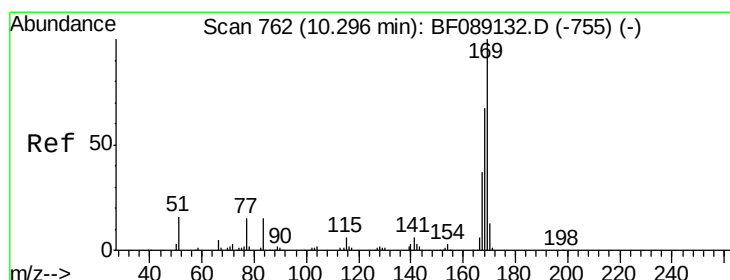
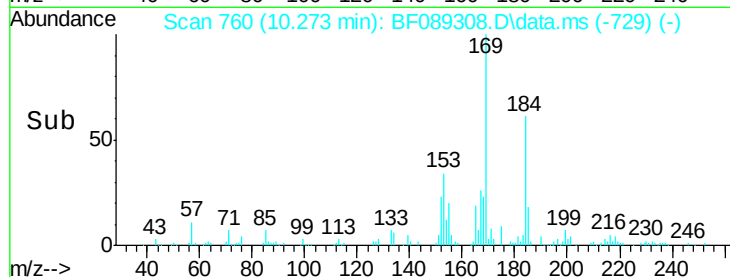
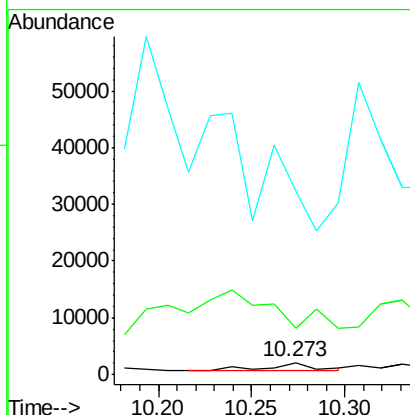
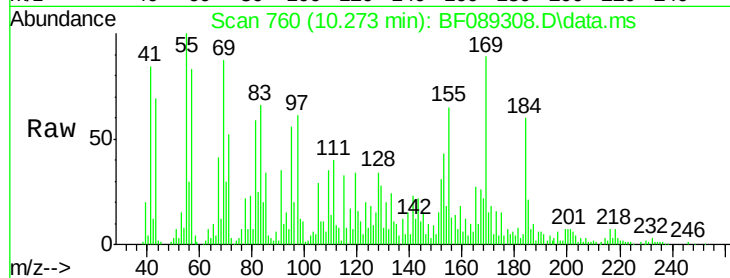
Tot Ion:198 Resp: 2923

Ion Ratio Lower Upper

198 100

51 400.0 11.7 51.7#

105 1572.3 20.3 60.3#



#65

n-Nitrosodiphenylamine

Concen: 100.60 ng

RT: 10.285 min Scan# 761

Delta R.T. 0.023 min

Lab File: BF089308.D

Acq: 26 Jul 2016 12:36

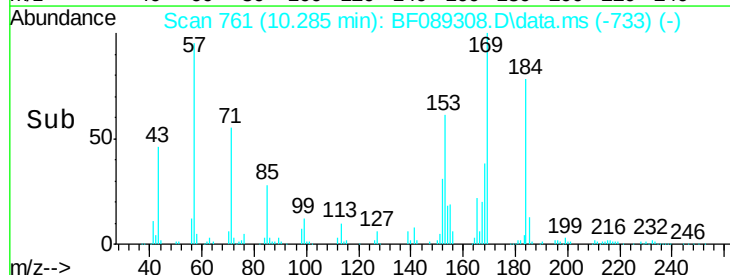
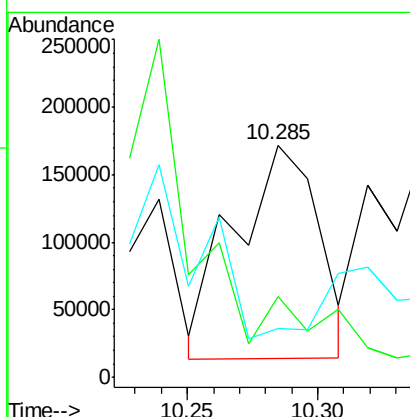
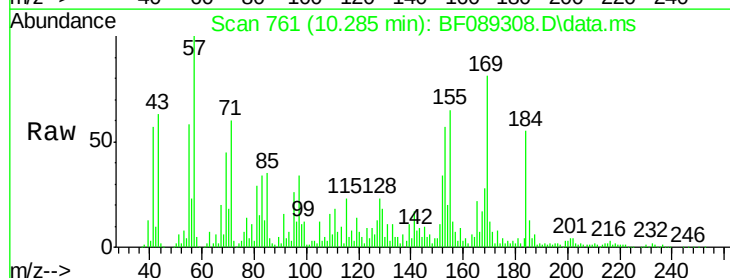
Tgt Ion:169 Resp: 356640

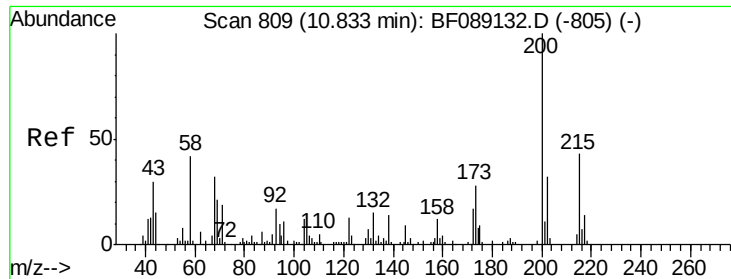
Ion Ratio Lower Upper

169 100

168 34.6 53.4 80.0#

167 21.0 29.5 44.3#





#68

Atrazine

Concen: 9.50 ng

RT: 10.822 min Scan# 80

Delta R.T. 0.023 min

Lab File: BF089308.D

Acq: 26 Jul 2016 12:36

Instrument :

BNA_F

ClientSampleId :

EW-2

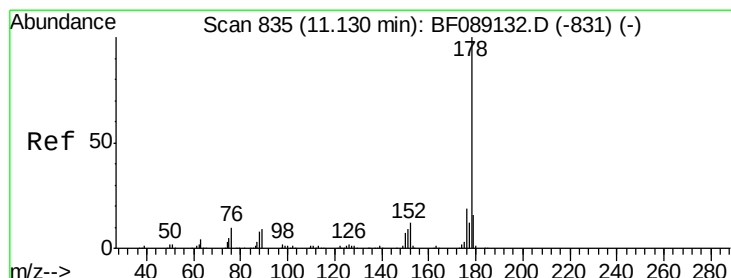
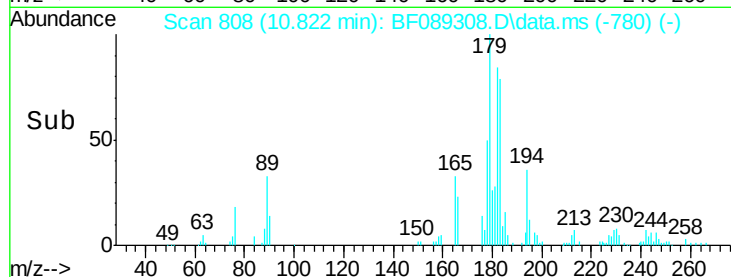
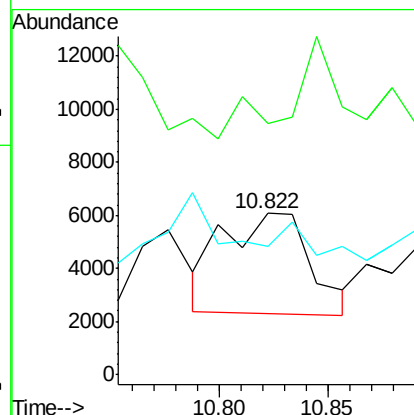
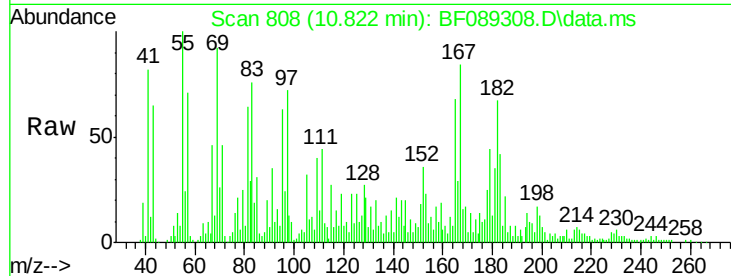
Tot Ion:200 Resp: 10536

Ion Ratio Lower Upper

200 100

173 156.1 7.8 47.8#

215 79.7 22.9 62.9#



#70

Phenanthrene

Concen: 114.32 ng

RT: 11.119 min Scan# 834

Delta R.T. 0.023 min

Lab File: BF089308.D

Acq: 26 Jul 2016 12:36

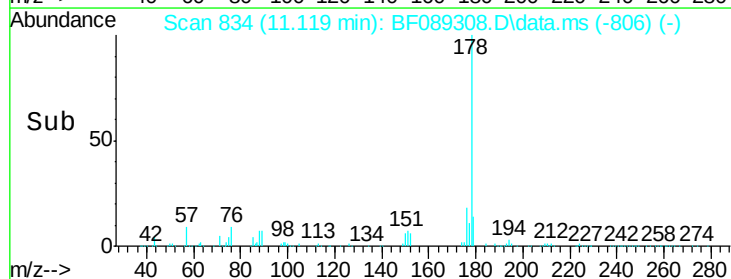
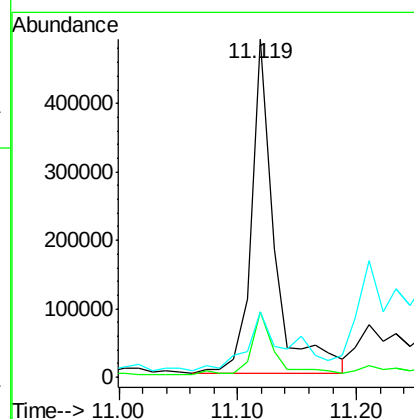
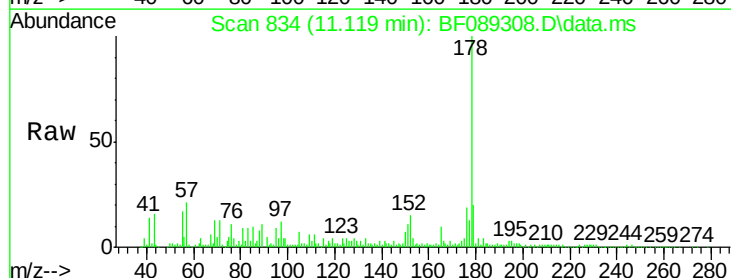
Tgt Ion:178 Resp: 665249

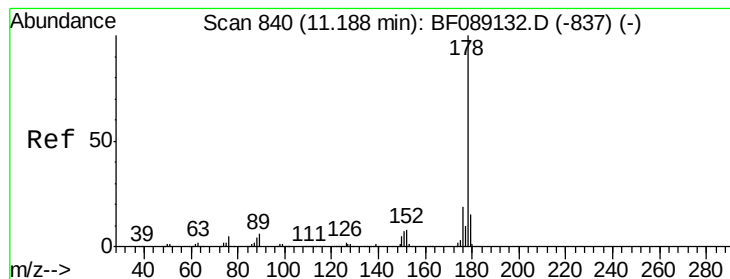
Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

179 19.5 12.4 18.6#





#71

Anthracene

Concen: 17.14 ng

RT: 11.211 min Scan# 84

Delta R.T. 0.069 min

Lab File: BF089308.D

Acq: 26 Jul 2016 12:36

Instrument :

BNA_F

ClientSampleId :

EW-2

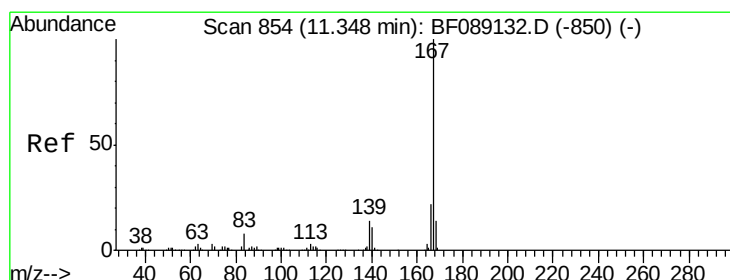
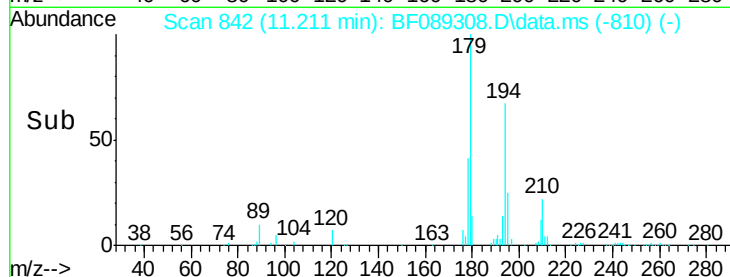
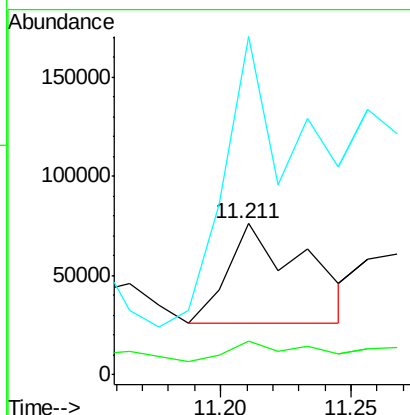
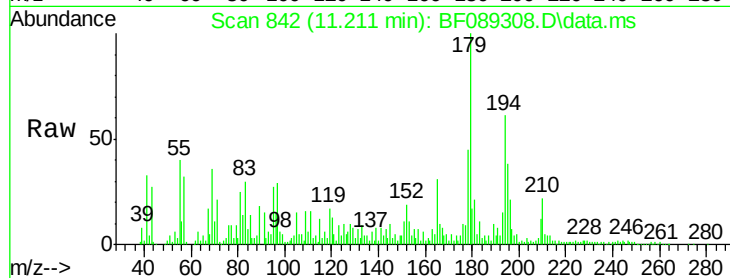
Tot Ion:178 Resp: 103660

Ion Ratio Lower Upper

178 100

176 22.0 14.9 22.3

179 224.1 12.0 18.0#



#72

Carbazole

Concen: 2.76 ng

RT: 11.439 min Scan# 862

Delta R.T. 0.137 min

Lab File: BF089308.D

Acq: 26 Jul 2016 12:36

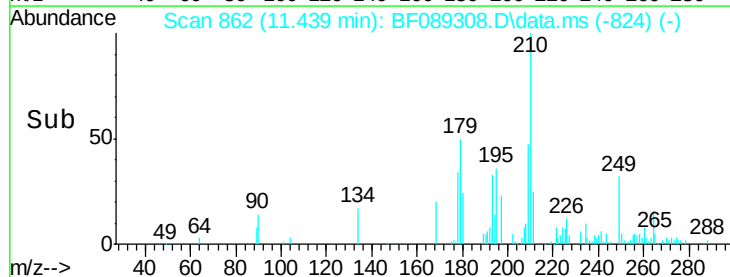
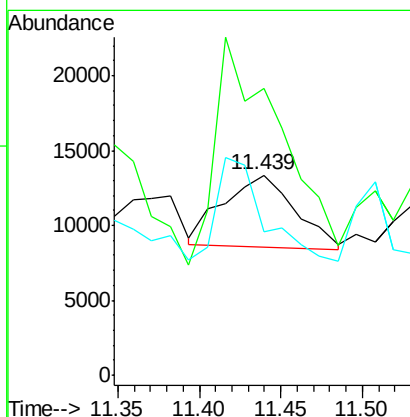
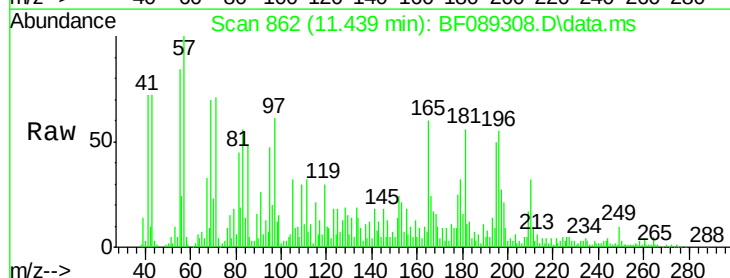
Tgt Ion:167 Resp: 14656

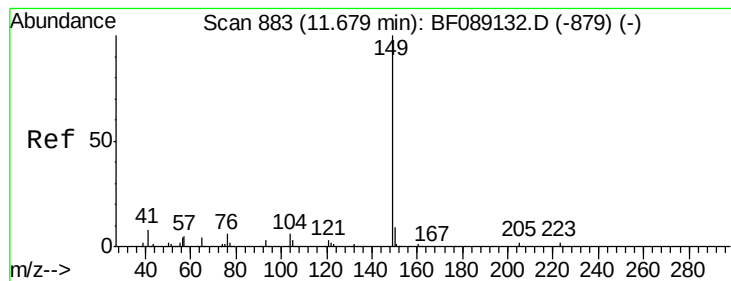
Ion Ratio Lower Upper

167 100

166 143.5 17.7 26.5#

139 71.5 11.0 16.4#





#73

Di-n-butylphthalate

Concen: 2.21 ng

RT: 11.622 min Scan# 87

Delta R.T. -0.023 min

Lab File: BF089308.D

Acq: 26 Jul 2016 12:36

Instrument :

BNA_F

ClientSampleId :

EW-2

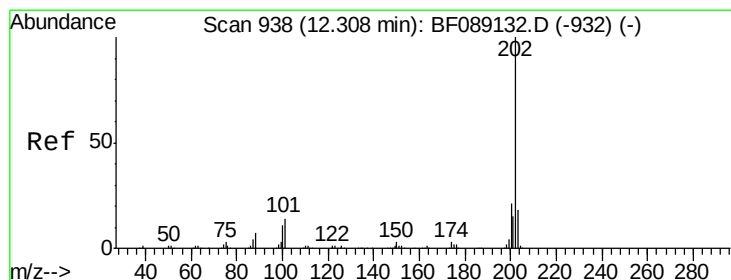
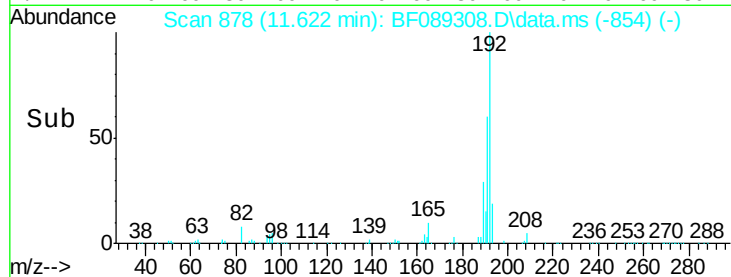
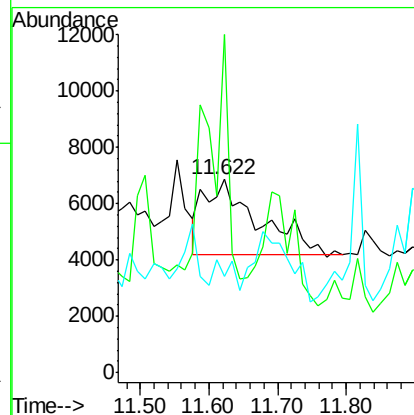
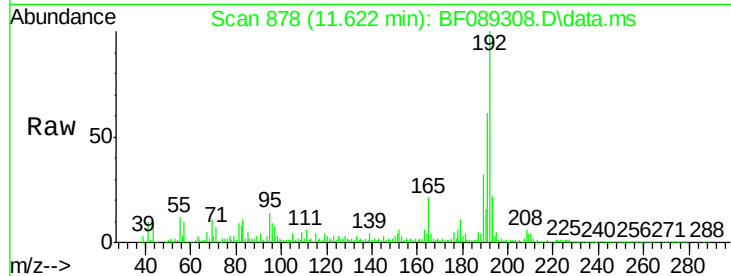
Tot Ion:149 Resp: 14535

Ion Ratio Lower Upper

149 100

150 174.9 7.4 11.2#

104 50.0 4.6 6.8#



#74

Fluoranthene

Concen: 4.00 ng

RT: 12.502 min Scan# 955

Delta R.T. 0.229 min

Lab File: BF089308.D

Acq: 26 Jul 2016 12:36

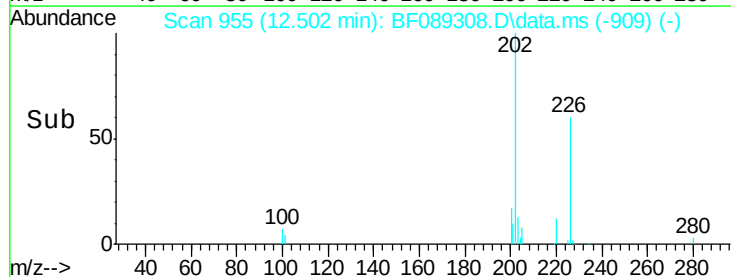
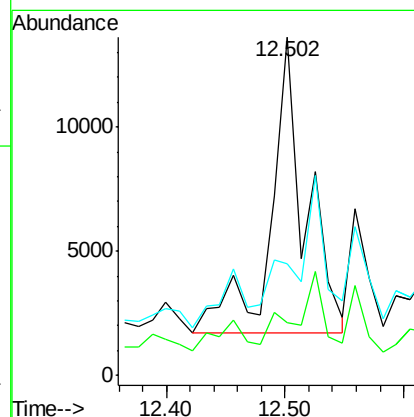
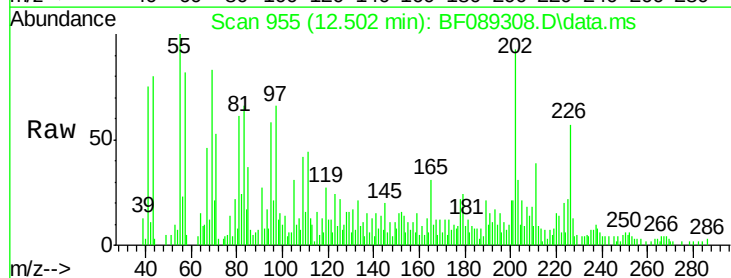
Tgt Ion:202 Resp: 24450

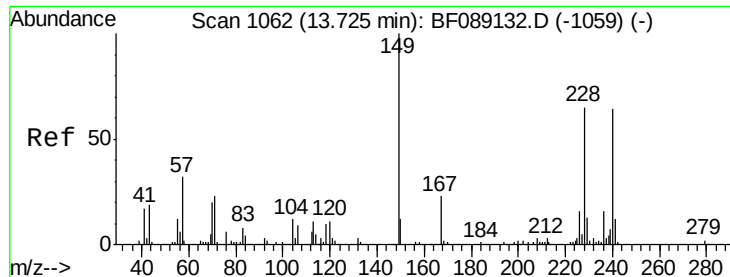
Ion Ratio Lower Upper

202 100

101 15.4 0.0 34.0

203 33.1 0.0 37.8

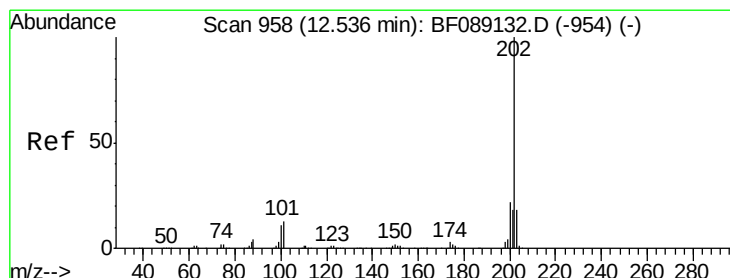
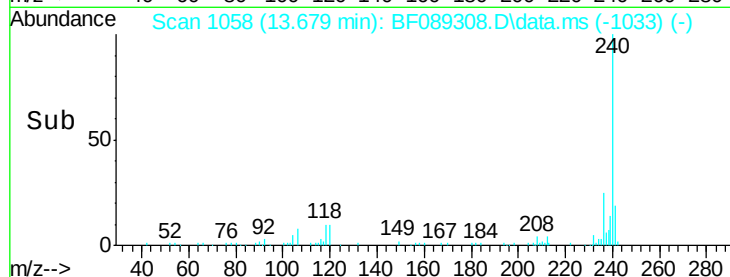
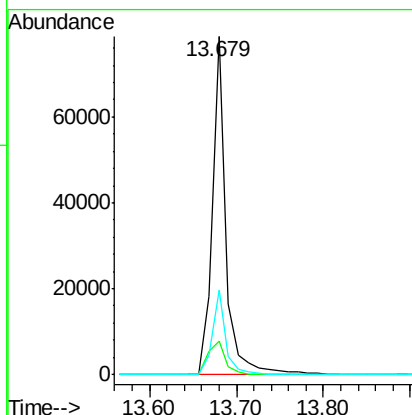
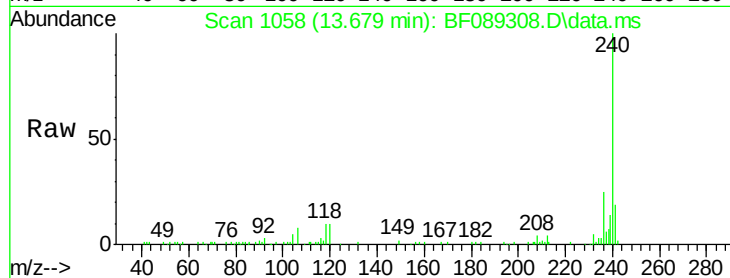




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.679 min Scan# 10
Delta R.T. -0.011 min
Lab File: BF089308.D
Acq: 26 Jul 2016 12:36

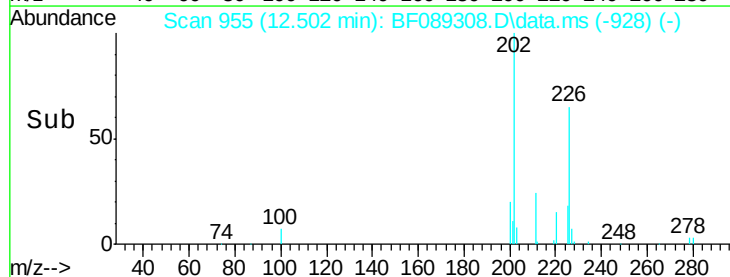
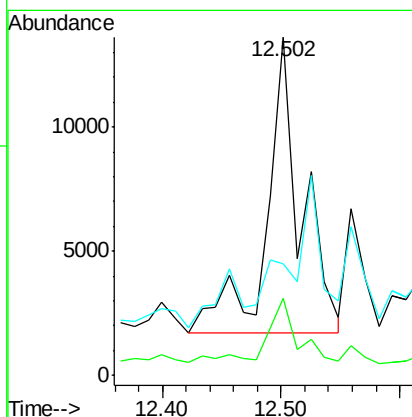
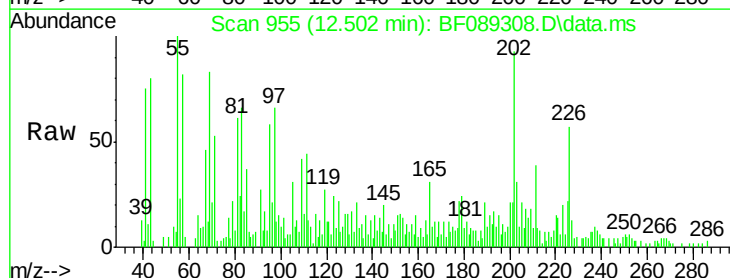
Instrument :
BNA_F
ClientSampleId :
EW-2

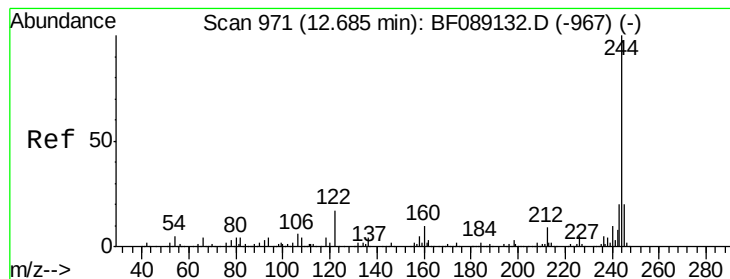
Tot Ion:240 Resp: 86464
Ion Ratio Lower Upper
240 100
120 9.7 13.6 20.4#
236 24.9 20.5 30.7



#77
Pyrene
Concen: 3.42 ng
RT: 12.502 min Scan# 955
Delta R.T. 0.012 min
Lab File: BF089308.D
Acq: 26 Jul 2016 12:36

Tgt Ion:202 Resp: 24450
Ion Ratio Lower Upper
202 100
200 22.7 17.4 26.0
203 33.1 14.2 21.2#





#78

Terphenyl-d14

Concen: 90.99 ng

RT: 12.651 min Scan# 96

Delta R.T. 0.000 min

Lab File: BF089308.D

Acq: 26 Jul 2016 12:36

Instrument :

BNA_F

ClientSampleId :

EW-2

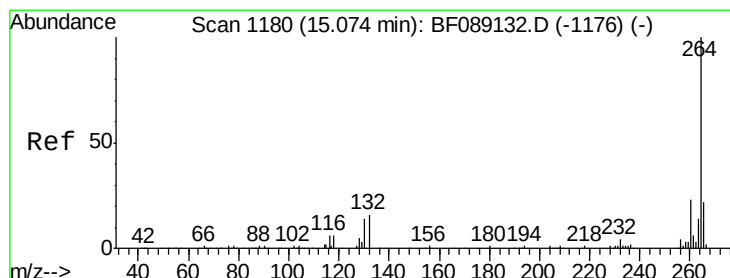
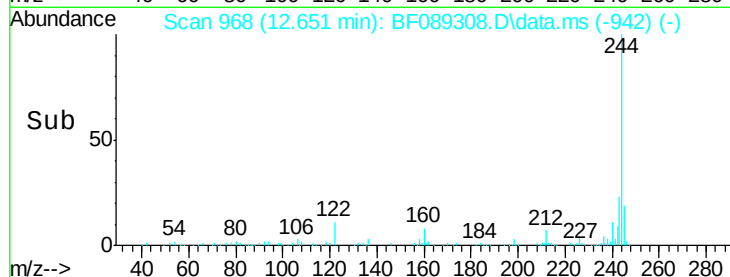
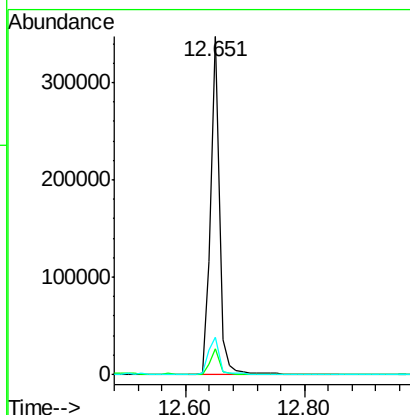
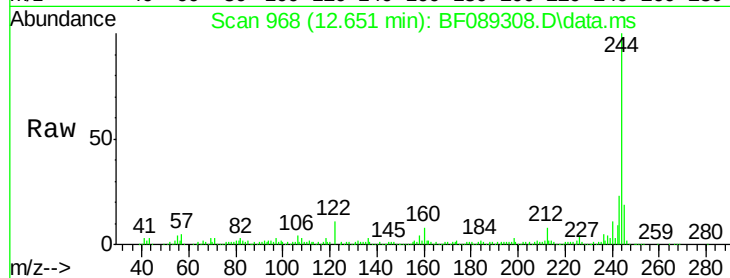
Tot Ion:244 Resp: 362725

Ion Ratio Lower Upper

244 100

212 7.7 7.0 10.4

122 10.8 13.8 20.8#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.017 min Scan# 1175

Delta R.T. -0.011 min

Lab File: BF089308.D

Acq: 26 Jul 2016 12:36

Tgt Ion:264 Resp: 79354

Ion Ratio Lower Upper

264 100

260 23.0 18.5 27.7

265 21.3 17.3 25.9

