

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
 Data File : BF096934.D
 Acq On : 21 Jul 2017 5:55
 Operator : SJ/JU
 Sample : I4253-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-07-WSW

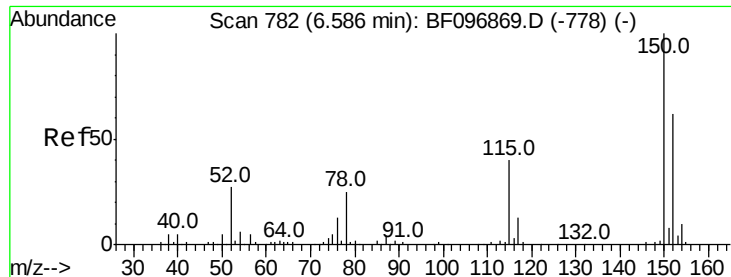
Quant Time: Jul 21 09:32:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	26628	20.00	ng	-0.02
21) Naphthalene-d8	7.89	136	79344	20.00	ng	0.00
38) Acenaphthene-d10	9.64	164	6123	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	77172	20.00	ng	0.05
75) Chrysene-d12	13.82	240	28576	20.00	ng	0.08
86) Perylene-d12	15.19	264	109978	20.00	ng	0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	708848	400.26	ng	-0.03
7) Phenol-d6	6.23	99	545947	256.89	ng	-0.02
23) Nitrobenzene-d5	7.15	82	44115	34.44	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	48957	936.71	ng	0.08
44) 2-Fluorobiphenyl	9.05	172	199865	515.71	ng	0.09
78) Terphenyl-d14	12.73	244	289233	175.53	ng	0.04

Target Compounds				Qvalue		
6) Aniline	6.32	93	530207	202.540	ng	# 51
11) bis(2-Chloroethyl)ether	6.32	93	530207	293.477	ng	86
12) 1,3-Dichlorobenzene	6.52	146	484380	238.512	ng	98
13) 1,4-Dichlorobenzene	6.60	146	1507462	732.976	ng	95
14) 1,2-Dichlorobenzene	6.76	146	816976	436.741	ng	99
20) 3+4-Methylphenols	7.05	107	142494	79.039	ng	# 74
22) Acetophenone	6.92	105	1305571	736.210	ng	# 62
27) 2,4-Dimethylphenol	7.80	122	219776	181.350	ng	89
30) 1,2,4-Trichlorobenzene	7.86	180	29937	28.703	ng	# 54
31) Naphthalene	7.99	128	9859289	2623.061	ng	95
33) 4-Chloroaniline	7.99	127	1301098	873.692	ng	# 43
37) 2-Methylnaphthalene	8.80	142	15181487	6335.405	ng	# 94
45) 1,1'-Biphenyl	9.18	154	1653017	3147.803	ng	96
51) Acenaphthene	9.78	154	1387925	3813.355	ng	90
54) Dibenzofuran	9.90	168	273537	536.310	ng	# 88
55) 4-Nitrophenol	9.77	139	24162	279.564	ng	89
61) 4-Nitroaniline	10.17	138	16571	149.166	ng	84
65) n-Nitrosodiphenylamine	10.31	169	580360	210.382	ng	# 82
70) Phenanthrene	11.24	178	9828668	2342.332	ng	98
71) Anthracene	11.24	178	9828668	2316.674	ng	98
72) Carbazole	11.40	167	1771018	431.067	ng	98
74) Fluoranthene	12.41	202	9018407	2245.391	ng	99
80) Benzo(a)anthracene	13.83	228	5464303	3068.968	ng	# 89
82) Chrysene	13.86	228	1318928	752.456	ng	# 95
85) Indeno(1,2,3-cd)pyrene	16.52	276	2333419	668.861	ng	97
87) Benzo(b)fluoranthene	14.83	252	4713313	710.594	ng	99
88) Benzo(k)fluoranthene	14.90	252	792755	126.215	ng	94
89) Benzo(a)pyrene	15.15	252	2566762	421.917	ng	98
90) Dibenzo(a,h)anthracene	16.49	278	873968	156.126	ng	93
91) Benzo(g,h,i)perylene	16.92	276	2146839	358.140	ng	97

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

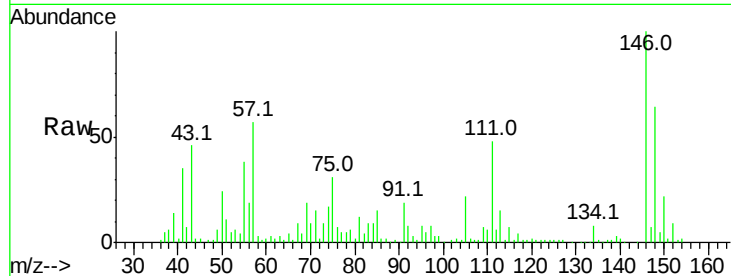


#1

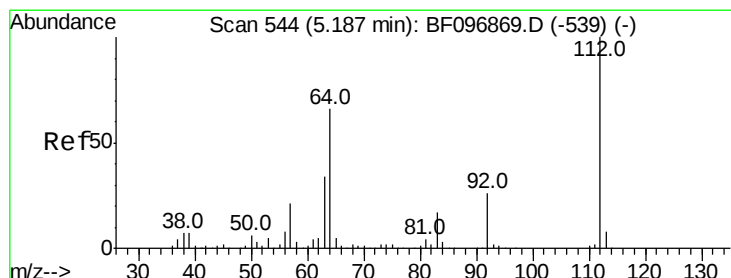
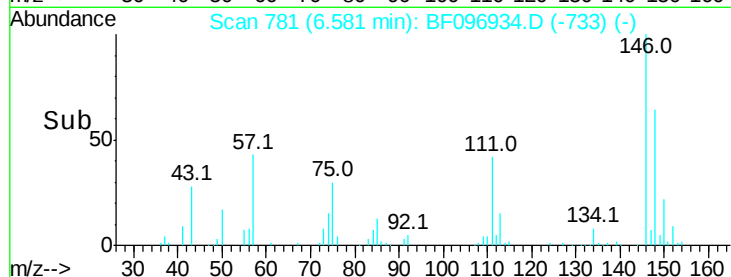
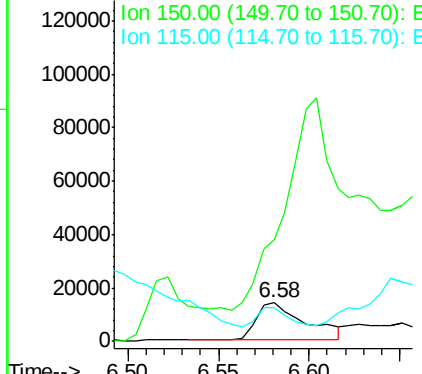
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.58 min Scan# 781
 Delta R.T. -0.02 min
 Lab File: BF096934.D
 Acq: 21 Jul 2017 5:55

Instrument :
 BNA_F
 ClientSampleId :
 E2-07-WSW

Tot Ion:152 Resp: 26628
 Ion Ratio Lower Upper
 152 100
 150 262.8 126.2 189.2#
 115 87.4 52.2 78.2#



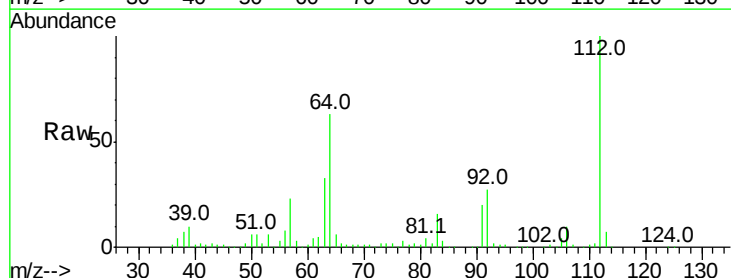
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



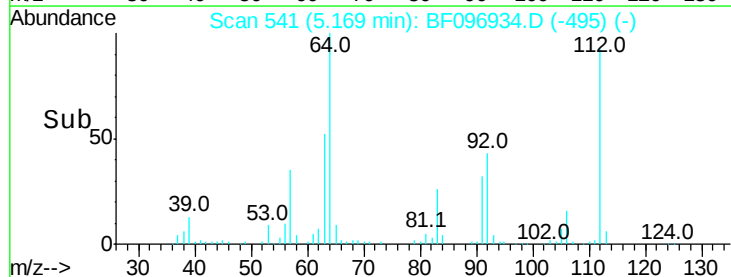
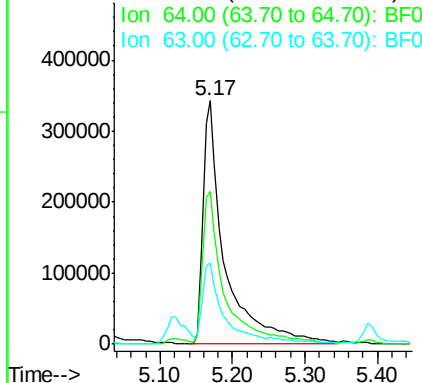
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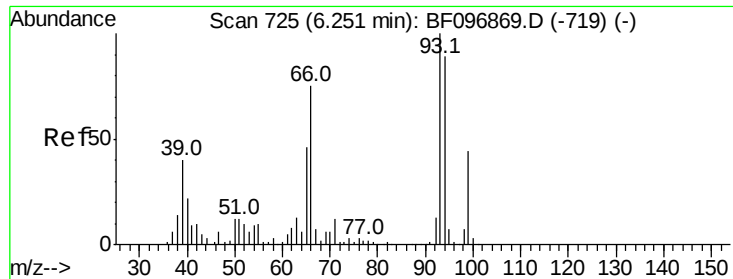
2-Fluorophenol
 Concen: 400.260 ng
 RT: 5.17 min Scan# 541
 Delta R.T. -0.03 min
 Lab File: BF096934.D
 Acq: 21 Jul 2017 5:55

Tgt Ion:112 Resp: 708848
 Ion Ratio Lower Upper
 112 100
 64 62.9 46.0 69.0
 63 33.5 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 202.540 ng

RT: 6.32 min Scan# 736

Delta R.T. 0.05 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

Instrument :

BNA_F

ClientSampleId :

E2-07-WSW

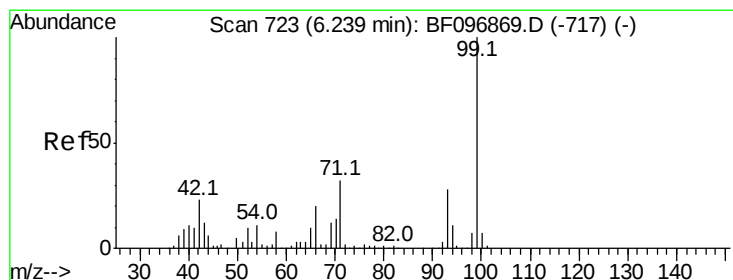
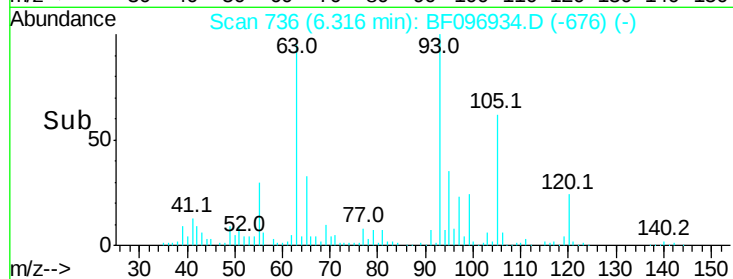
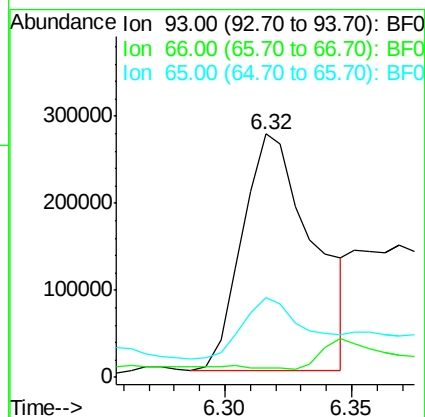
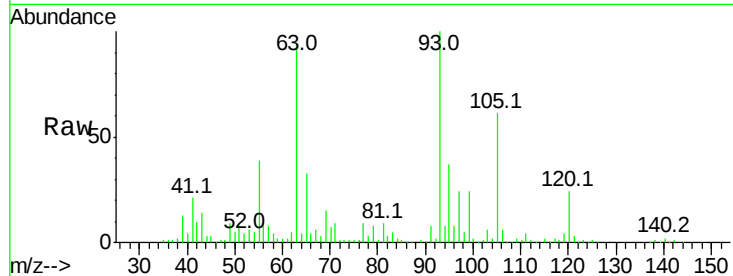
Tot Ion: 93 Resp: 530207

Ion Ratio Lower Upper

93 100

66 4.0 32.9 49.3#

65 32.9 16.0 24.0#



#7

Phenol-d6

Concen: 256.890 ng

RT: 6.23 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

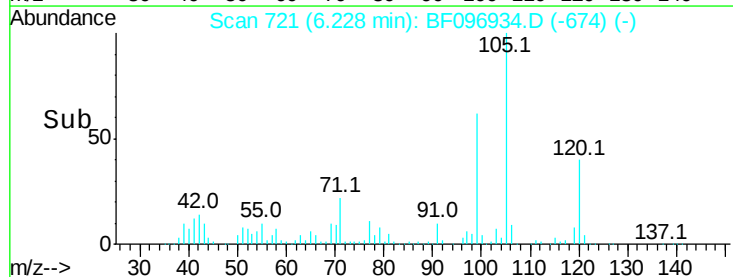
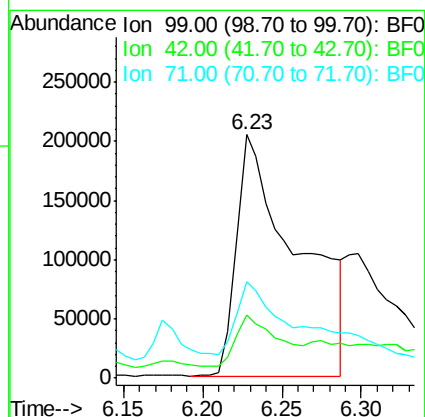
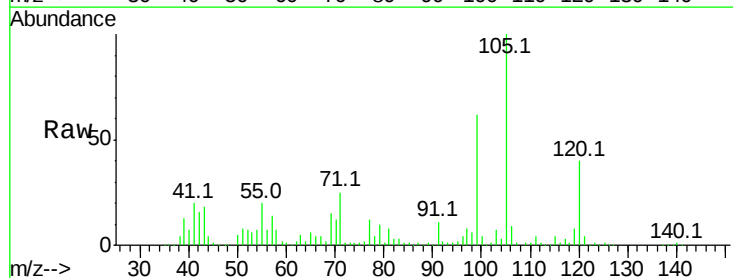
Tgt Ion: 99 Resp: 545947

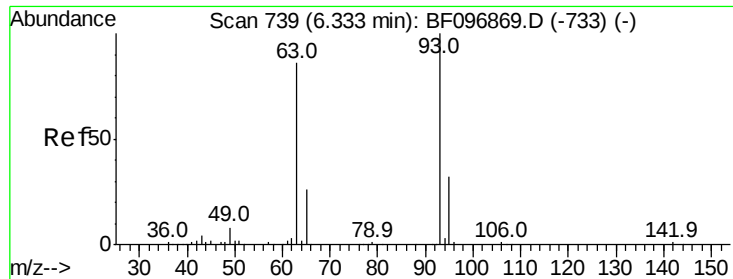
Ion Ratio Lower Upper

99 100

42 25.8 13.5 20.3#

71 39.6 24.5 36.7#

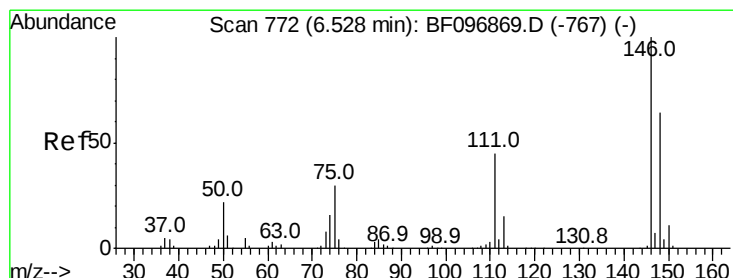
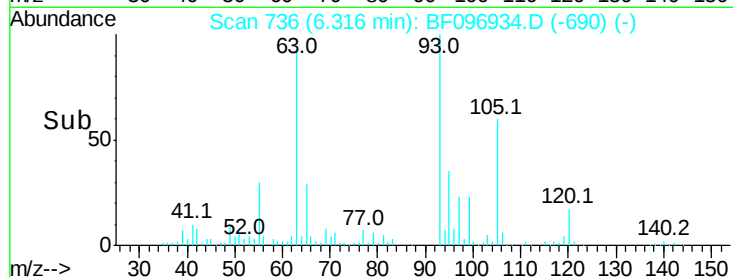
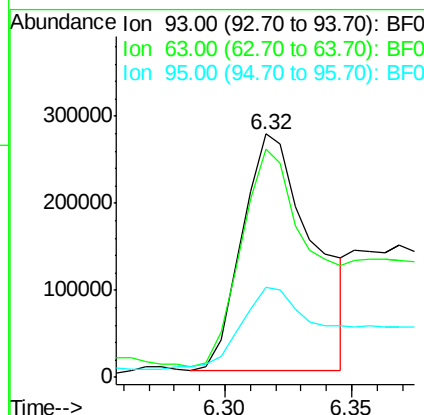
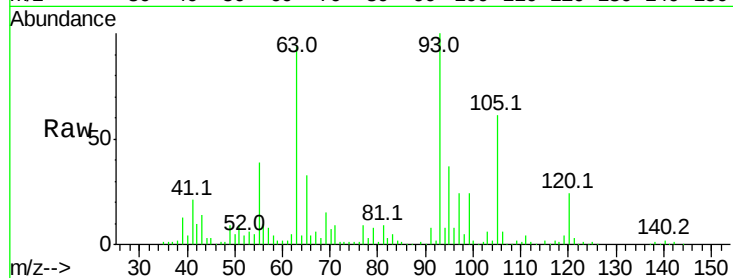




#11
 bis(2-Chloroethyl)ether
 Concen: 293.477 ng
 RT: 6.32 min Scan# 736
 Delta R.T. -0.03 min
 Lab File: BF096934.D
 Acq: 21 Jul 2017 5:55

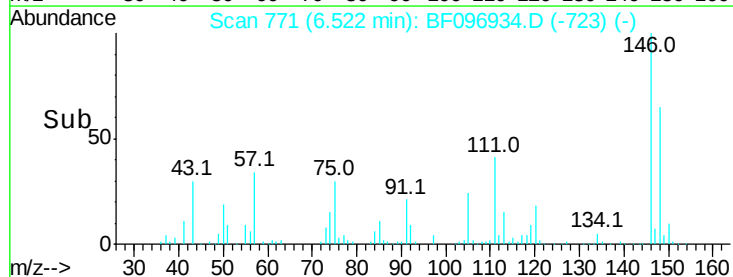
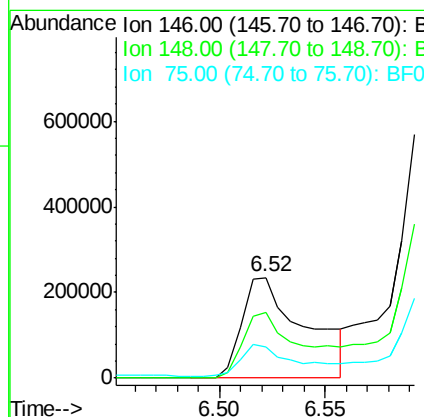
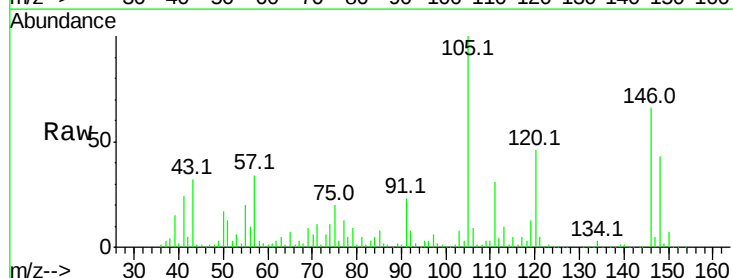
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 E2-07-WSW

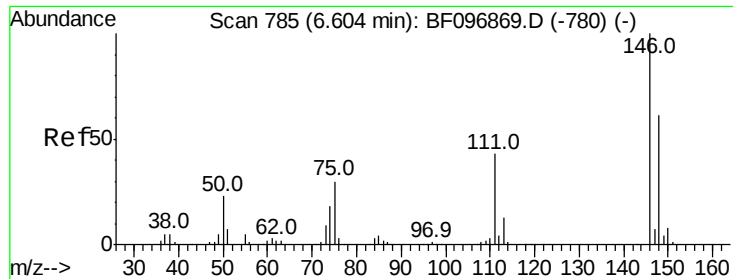
Tot Ion:	93	Resp:	530207
Ion	Ratio	Lower	Upper
93	100		
63	93.9	59.2	99.2
95	36.8	12.8	52.8



#12
 1,3-Dichlorobenzene
 Concen: 238.512 ng
 RT: 6.52 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF096934.D
 Acq: 21 Jul 2017 5:55

Tgt Ion:	146	Resp:	484380
Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.8	77.6
75	30.8	23.1	34.7

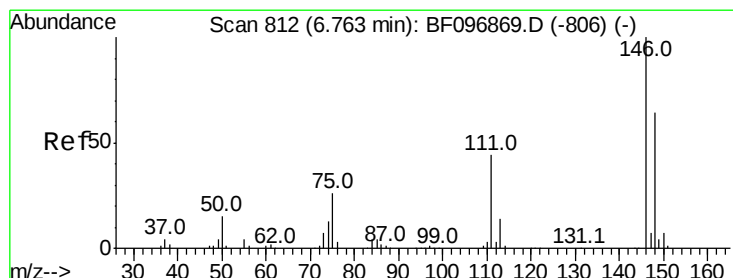
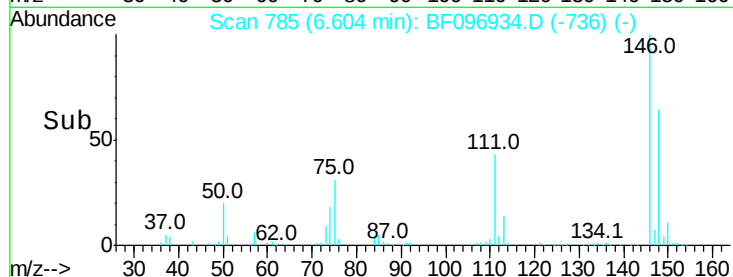
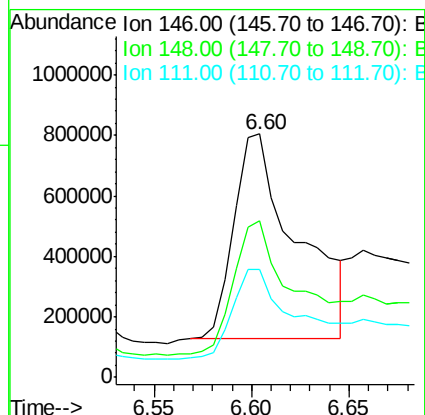
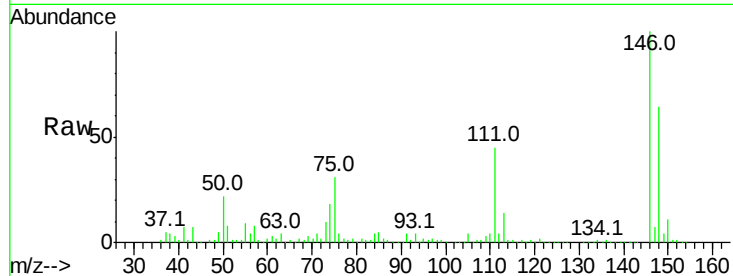




#13
 1,4-Dichlorobenzene
 Concen: 732.976 ng
 RT: 6.60 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF096934.D
 Acq: 21 Jul 2017 5:55

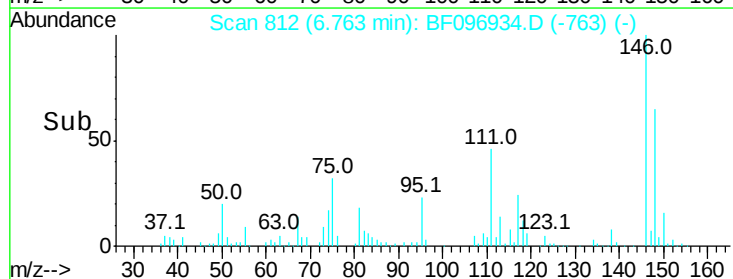
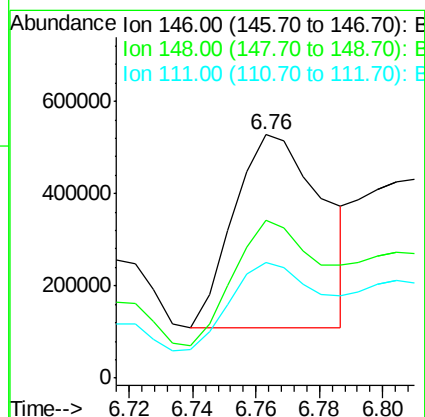
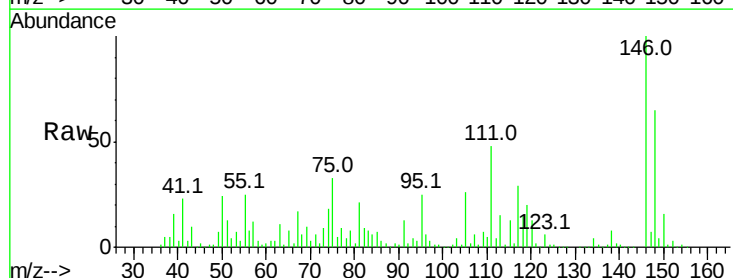
Instrument :
 BNA_F
 ClientSampleId :
 E2-07-WSW

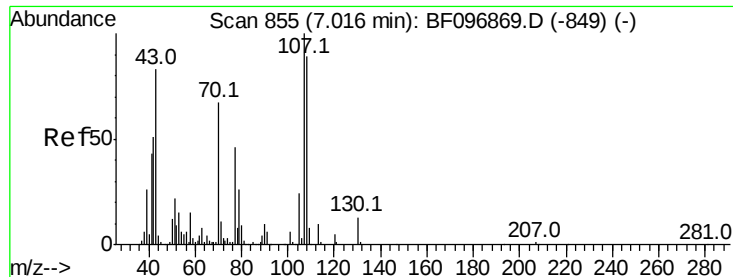
Tot Ion:146 Resp: 1507462
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.2 78.2
 111 44.6 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 436.741 ng
 RT: 6.76 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF096934.D
 Acq: 21 Jul 2017 5:55

Tgt Ion:146 Resp: 816976
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.4 75.6
 111 47.7 38.2 57.4

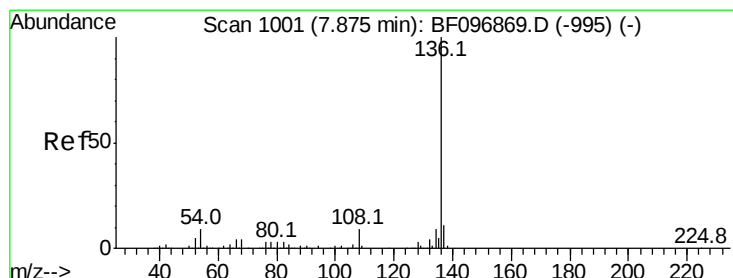
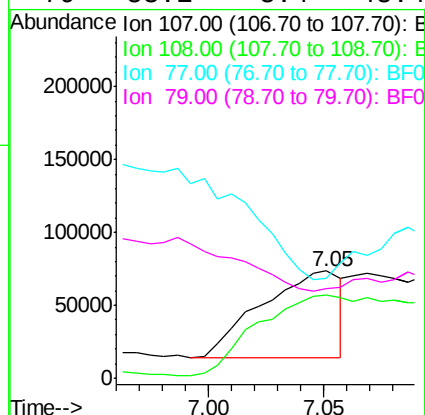
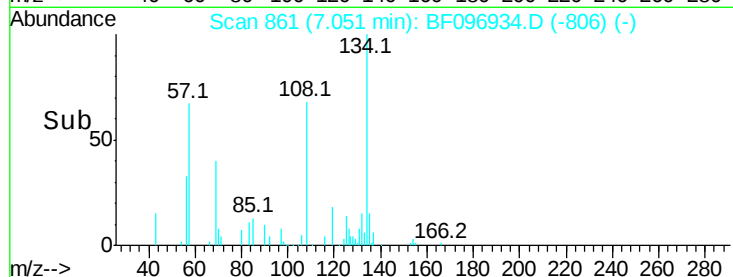
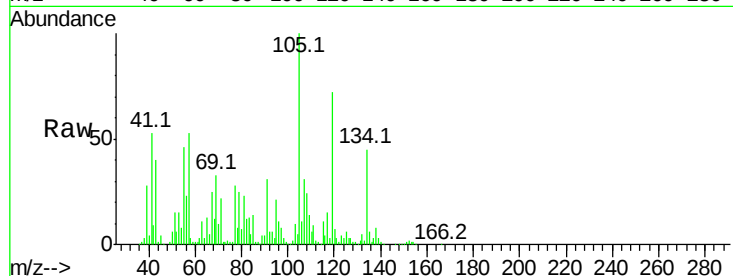




#20
3+4-Methylphenols
Concen: 79.039 ng
RT: 7.05 min Scan# 861
Delta R.T. 0.02 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

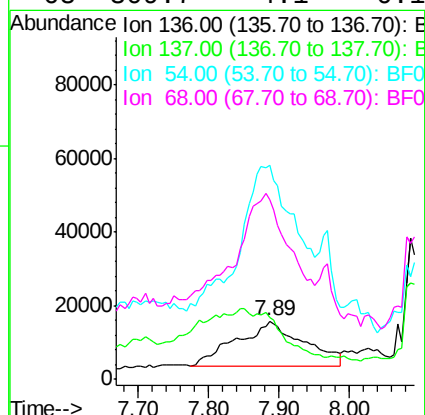
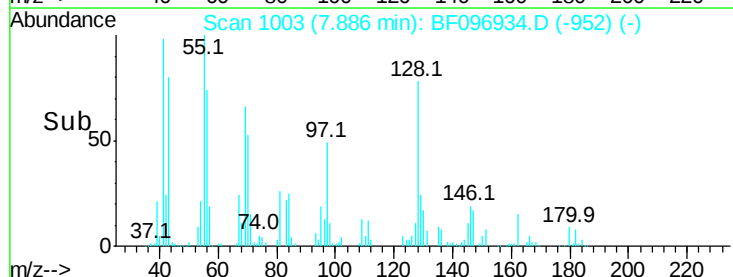
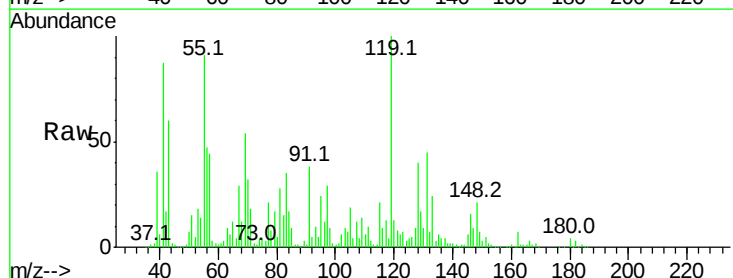
Instrument :
BNA_F
ClientSampleId :
E2-07-WSW

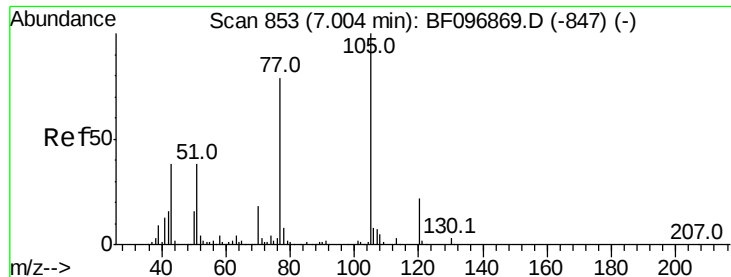
Tot Ion:107 Resp: 142494
Ion Ratio Lower Upper
107 100
108 77.1 71.0 111.0
77 93.2 90.5 130.5
79 83.1 8.4 48.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

Tgt Ion:136 Resp: 79344
Ion Ratio Lower Upper
136 100
137 107.3 8.5 12.7#
54 369.9 4.9 7.3#
68 309.7 4.1 6.1#

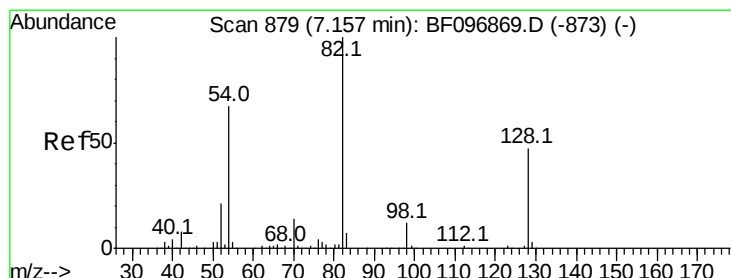
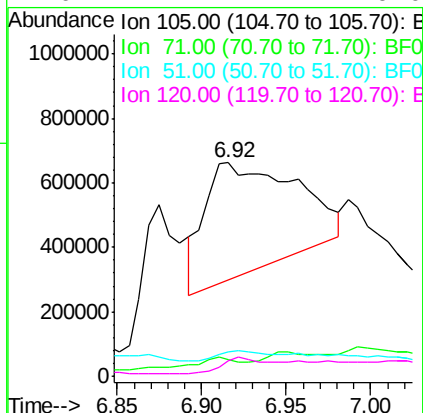
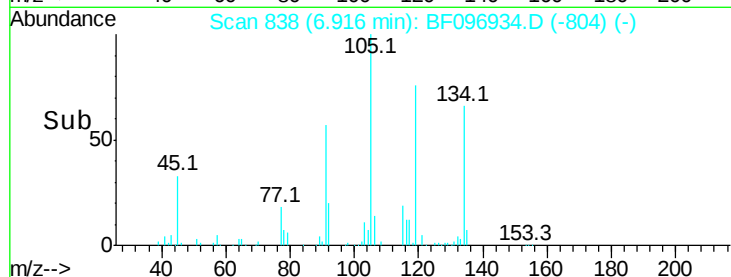
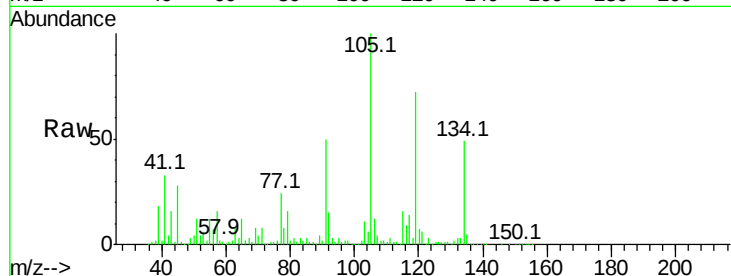




#22
Acetophenone
Concen: 736.210 ng
RT: 6.92 min Scan# 838
Delta R.T. -0.10 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

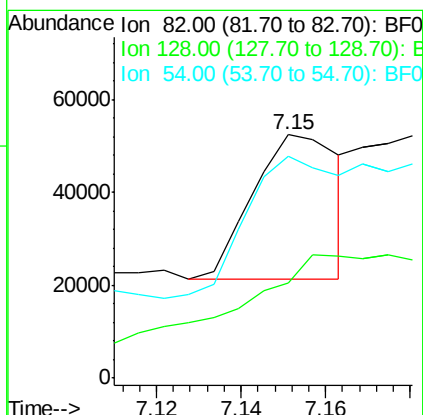
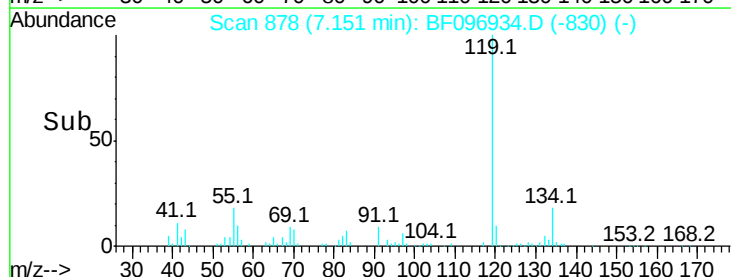
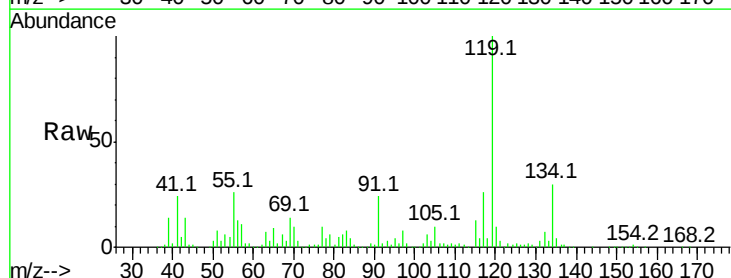
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E2-07-WSW

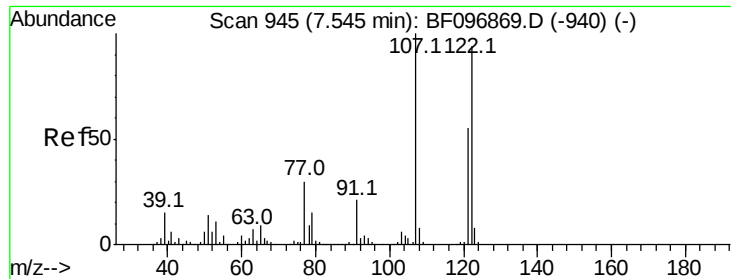
Tot Ion:105 Resp: 1305571
Ion Ratio Lower Upper
105 100
71 7.9 2.8 4.2#
51 11.7 30.7 46.1#
120 7.4 17.4 26.0#



#23
Nitrobenzene-d5
Concen: 34.439 ng
RT: 7.15 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

Tgt Ion: 82 Resp: 44115
Ion Ratio Lower Upper
82 100
128 38.9 34.0 51.0
54 91.2 42.2 63.2#

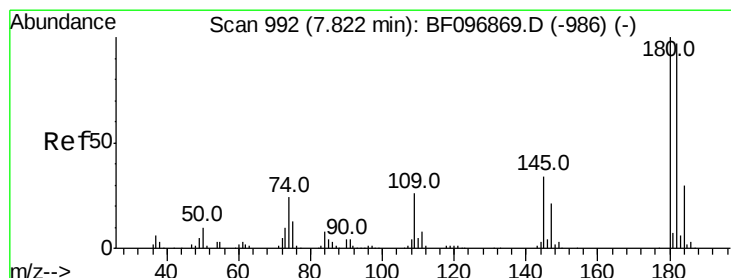
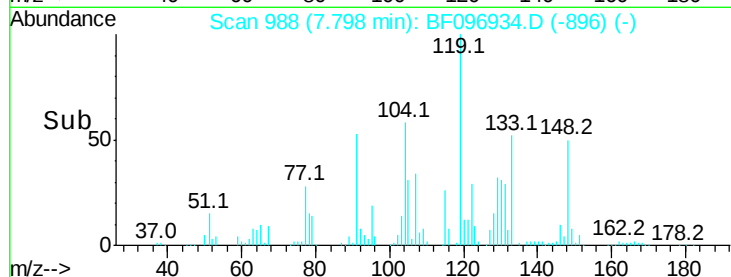
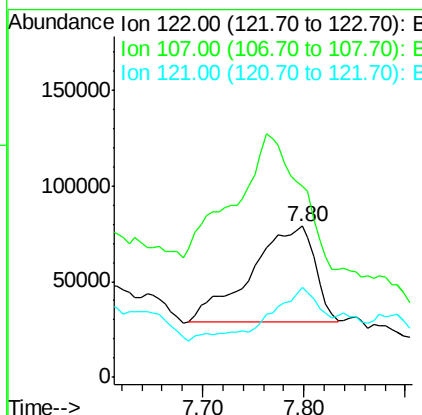
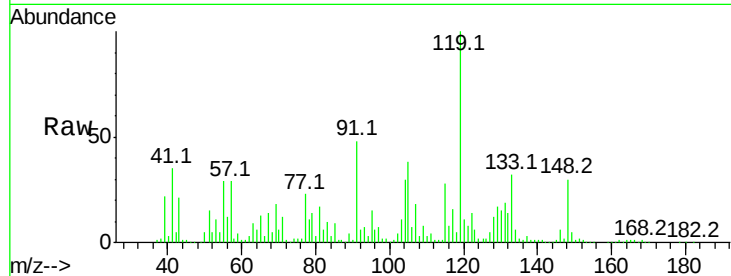




#27
2,4-Dimethylphenol
Concen: 181.350 ng
RT: 7.80 min Scan# 988
Delta R.T. 0.24 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

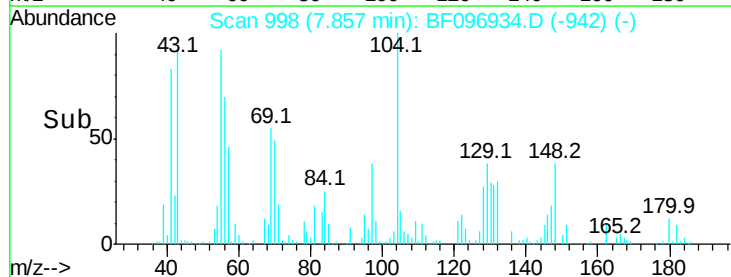
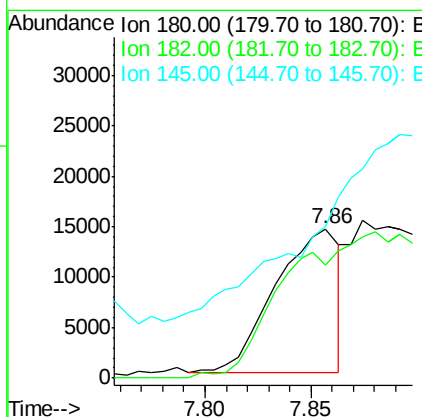
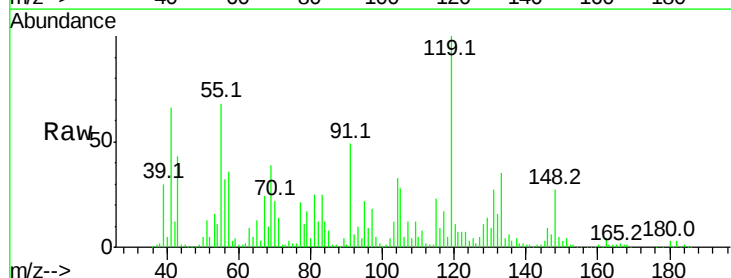
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ClientSampleId :
E2-07-WSW

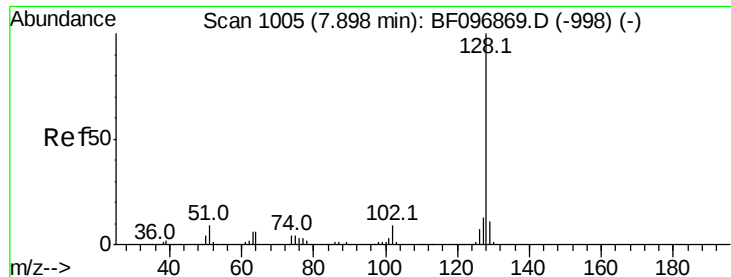
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Ion Ratio Lower Upper
122 100
107 126.6 89.2 133.8
121 59.2 45.2 67.8



#30
1,2,4-Trichlorobenzene
Concen: 28.703 ng
RT: 7.86 min Scan# 998
Delta R.T. 0.03 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

Tgt Ion:180 Resp: 29937
Ion Ratio Lower Upper
180 100
182 75.6 75.8 113.6#
145 101.8 25.3 37.9#

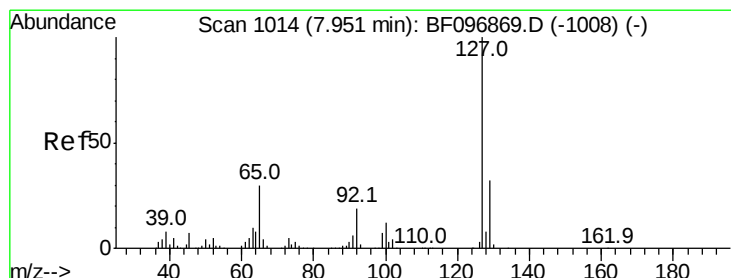
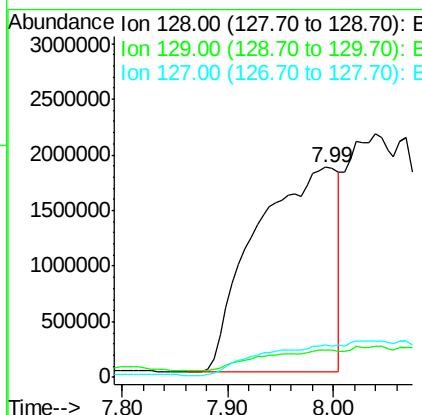
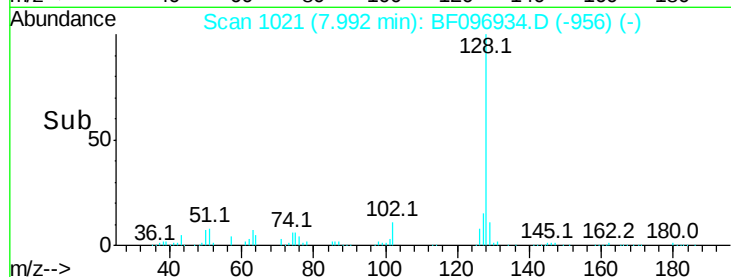
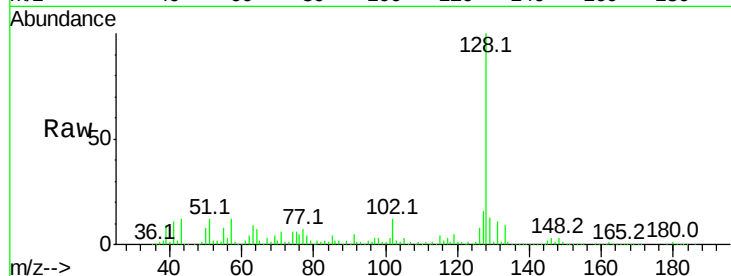




#31
Naphthalene
Concen: 2623.061 ng
RT: 7.99 min Scan# 1021
Delta R.T. 0.08 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

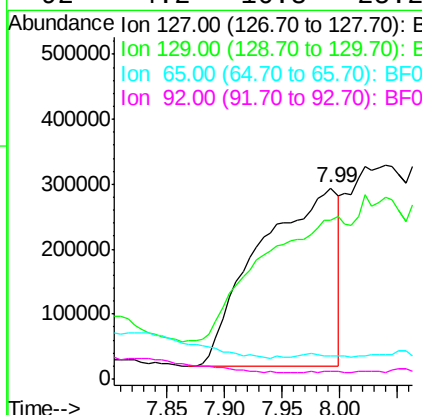
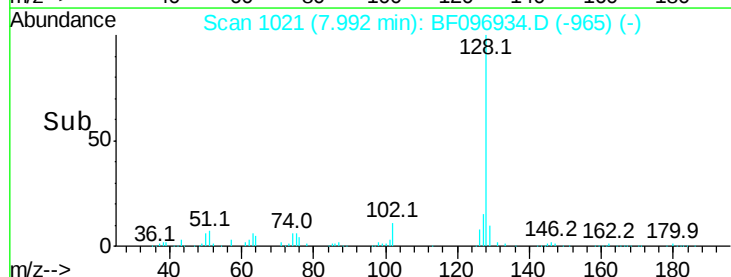
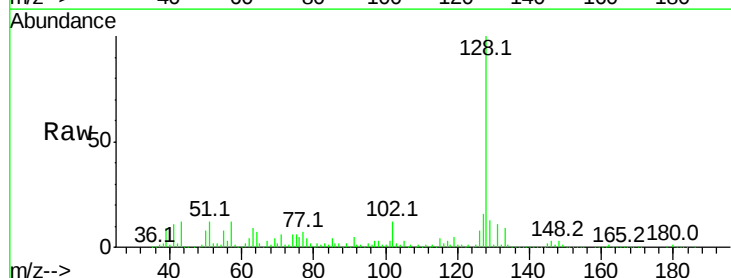
Instrument :
BNA_F
ClientSampleId :
E2-07-WSW

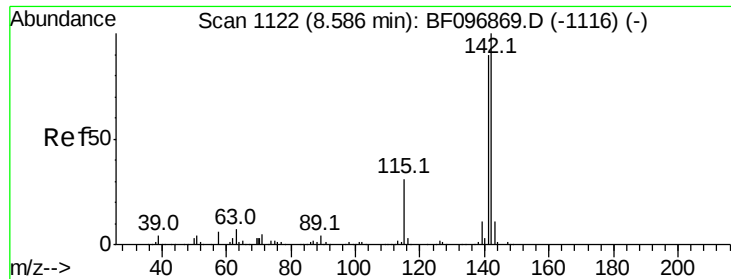
Tot Ion:128 Resp: 9859289
Ion Ratio Lower Upper
128 100
129 12.9 9.0 13.6
127 15.6 10.8 16.2



#33
4-Chloroaniline
Concen: 873.692 ng
RT: 7.99 min Scan# 1021
Delta R.T. 0.03 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

Tgt Ion:127 Resp: 1301098
Ion Ratio Lower Upper
127 100
129 82.9 26.2 39.2#
65 12.2 27.8 41.8#
92 4.2 16.8 25.2#





#37

2-Methylnaphthalene

Concen: 6335.405 ng

RT: 8.80 min Scan# 1159

Delta R.T. 0.21 min

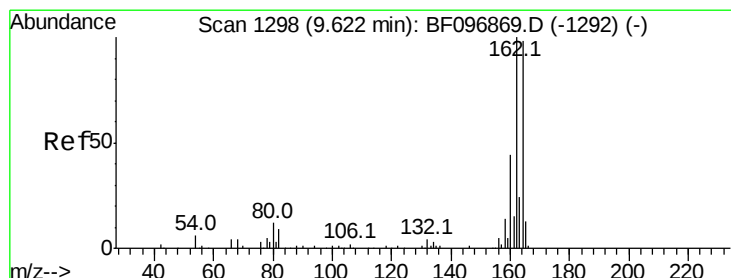
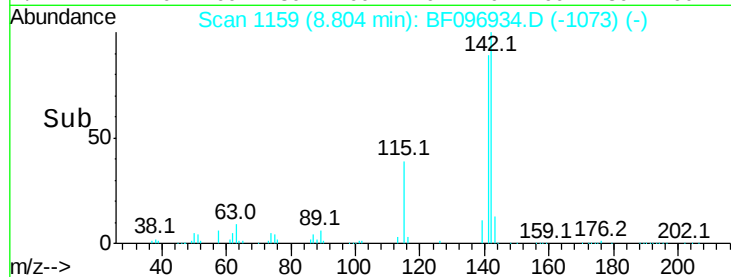
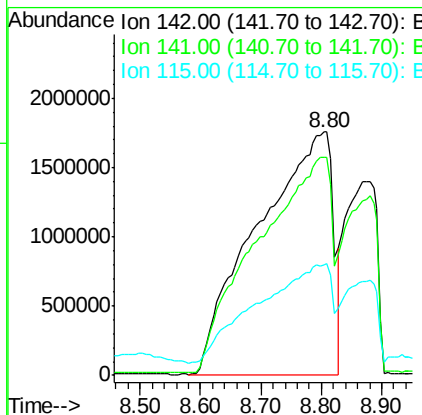
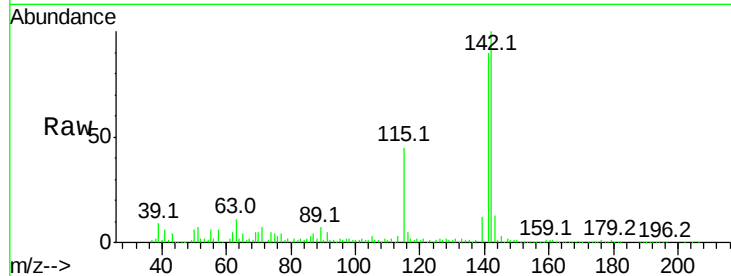
Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

Instrument :
BNA_F
ClientSampleId :
E2-07-WSW

Tot Ion:142 Resp:15181487

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.3	106.9
115	45.1	27.1	40.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.64 min Scan# 1301

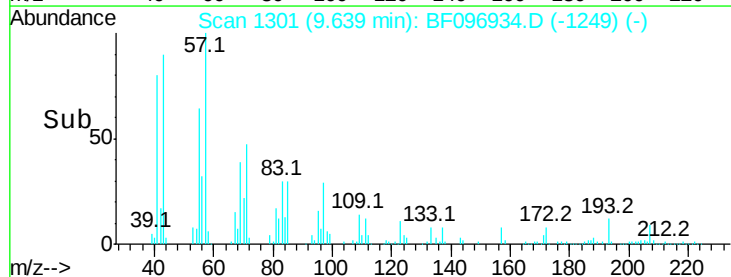
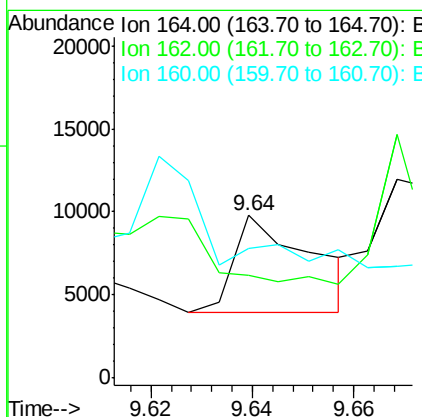
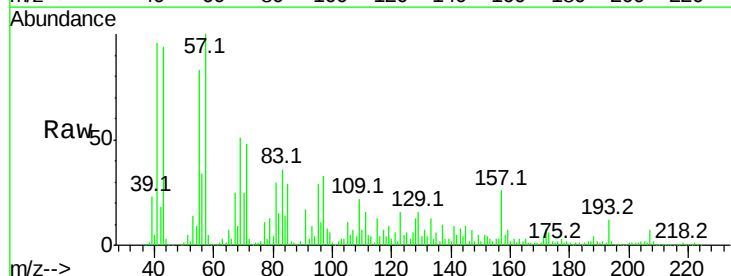
Delta R.T. 0.01 min

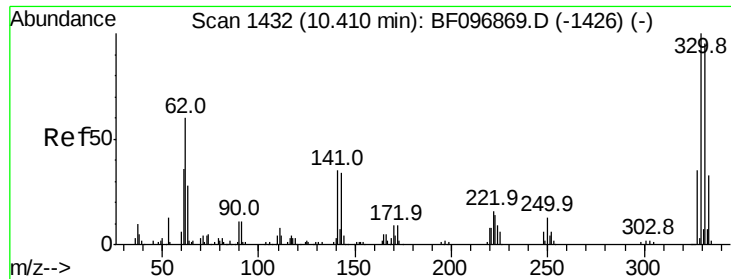
Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

Tgt Ion:164 Resp: 6123

Ion	Ratio	Lower	Upper
164	100		
162	63.2	82.6	123.8#
160	79.7	36.2	54.2#

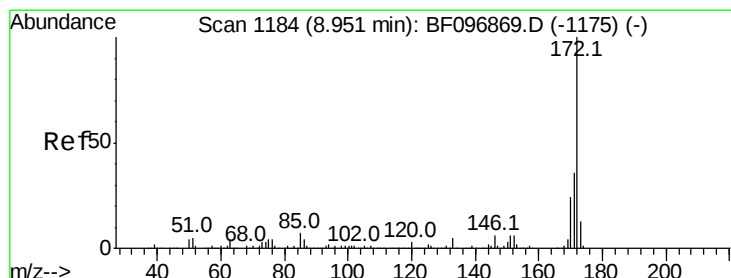
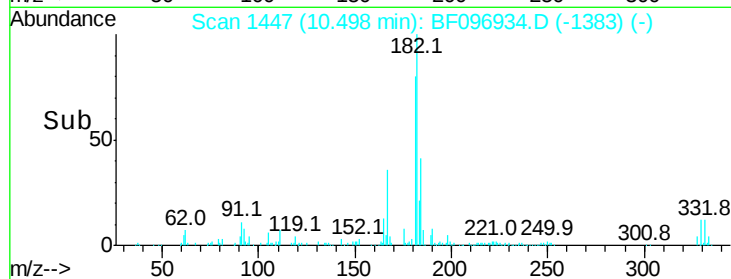
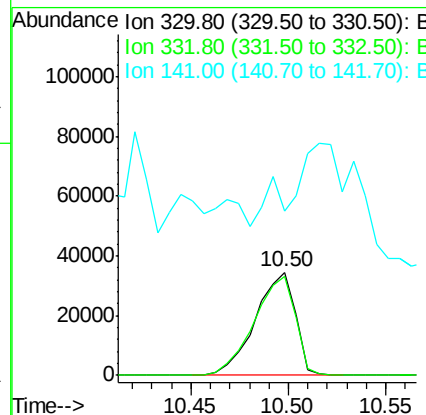
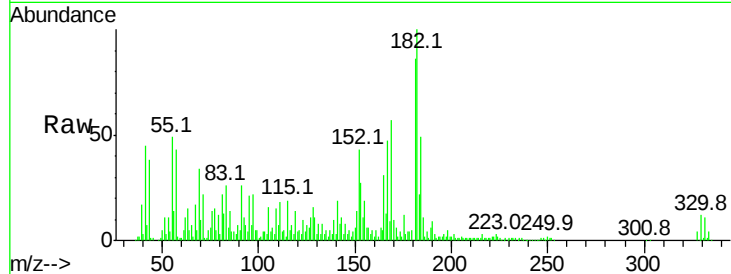




#41
 2,4,6-Tribromophenol
 Concen: 936.707 ng
 RT: 10.50 min Scan# 1447
 Delta R.T. 0.08 min
 Lab File: BF096934.D
 Acq: 21 Jul 2017 5:55

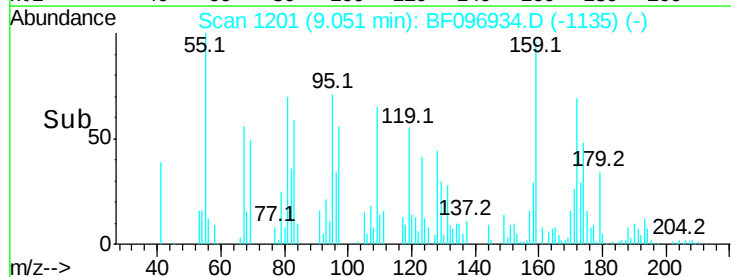
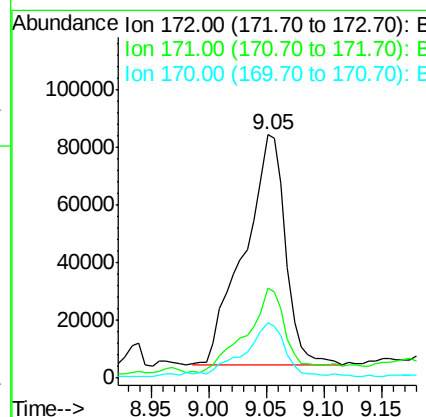
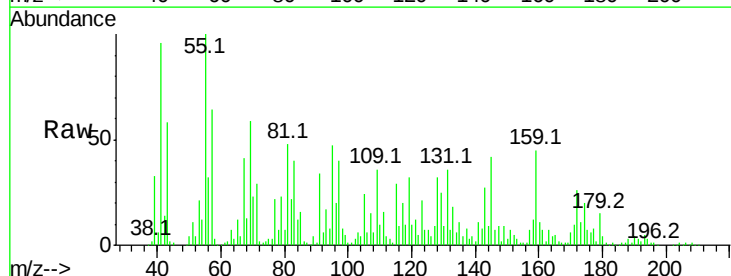
Instrument :
 BNA_F
 ClientSampleId :
 E2-07-WSW

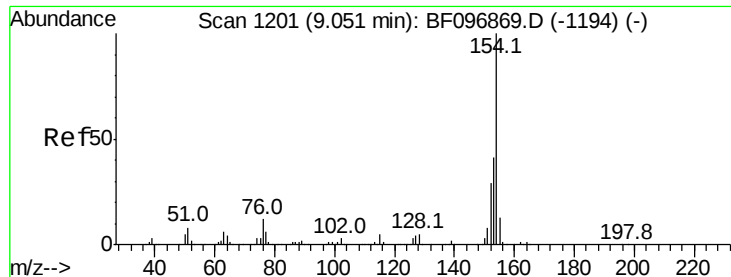
Tot Ion:330 Resp: 48957
 Ion Ratio Lower Upper
 330 100
 332 99.3 76.6 115.0
 141 20.4 31.4 47.2#



#44
 2-Fluorobiphenyl
 Concen: 515.713 ng
 RT: 9.05 min Scan# 1201
 Delta R.T. 0.09 min
 Lab File: BF096934.D
 Acq: 21 Jul 2017 5:55

Tgt Ion:172 Resp: 199865
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 22.9 19.8 29.8





#45

1,1'-Biphenyl

Concen: 3147.803 ng

RT: 9.18 min Scan# 1223

Delta R.T. 0.12 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

Instrument :

BNA_F

ClientSampleId :

E2-07-WSW

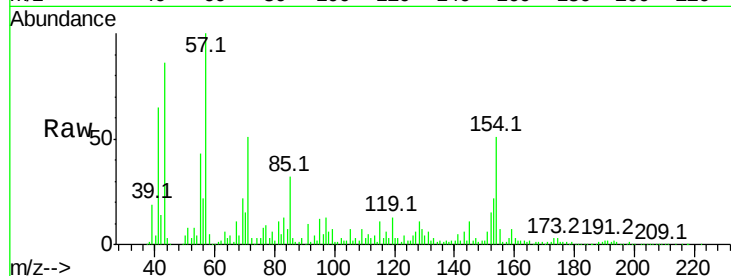
Tot Ion:154 Resp: 1653017

Ion Ratio Lower Upper

154 100

153 42.3 21.2 61.2

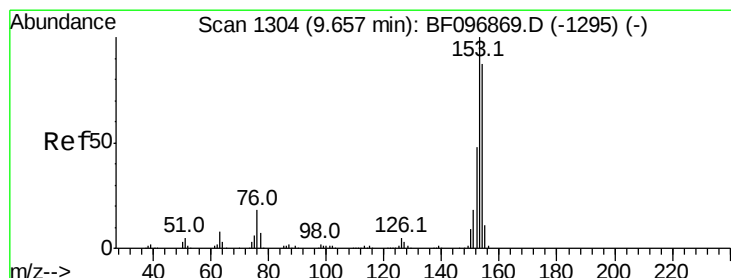
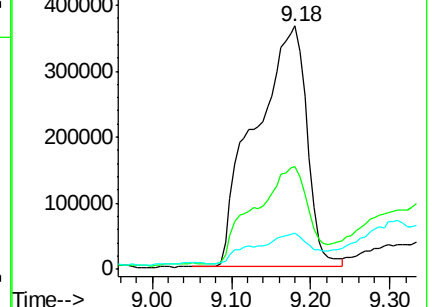
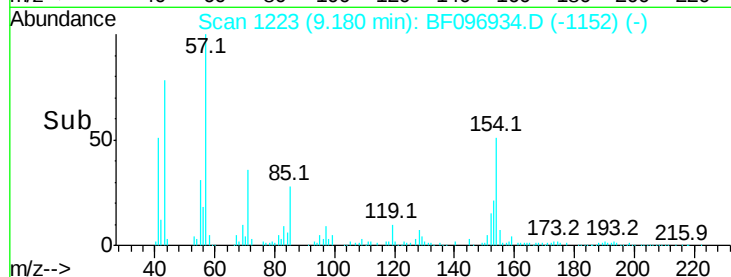
76 15.1 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#51

Acenaphthene

Concen: 3813.355 ng

RT: 9.78 min Scan# 1325

Delta R.T. 0.11 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

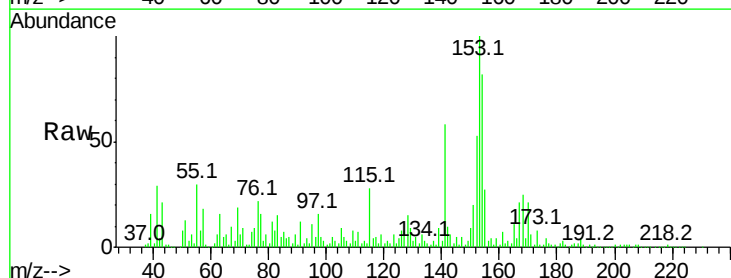
Tgt Ion:154 Resp: 1387925

Ion Ratio Lower Upper

154 100

153 121.6 90.5 135.7

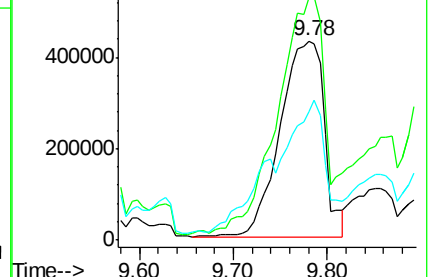
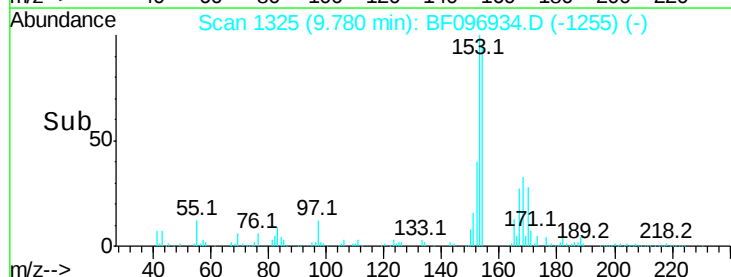
152 64.6 43.6 65.4

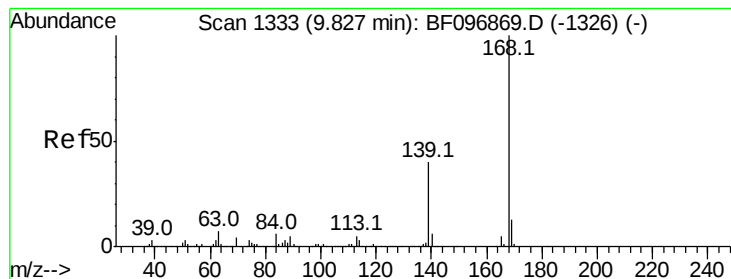


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 536.310 ng

RT: 9.90 min Scan# 1345

Delta R.T. 0.06 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

Instrument :

BNA_F

ClientSampleId :

E2-07-WSW

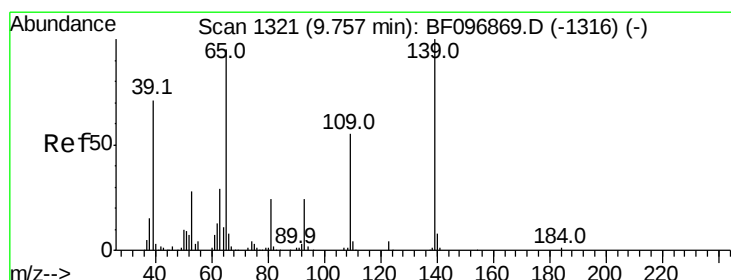
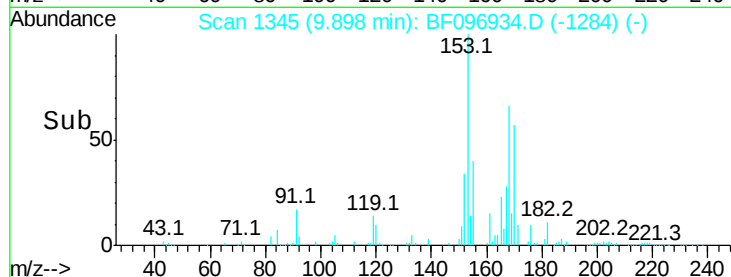
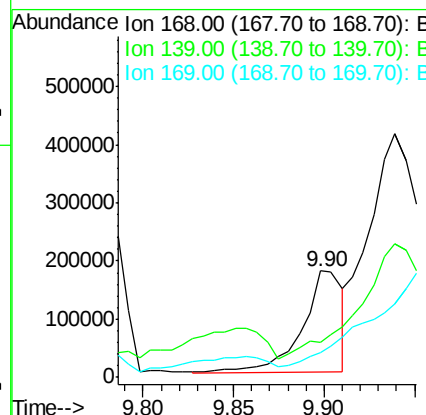
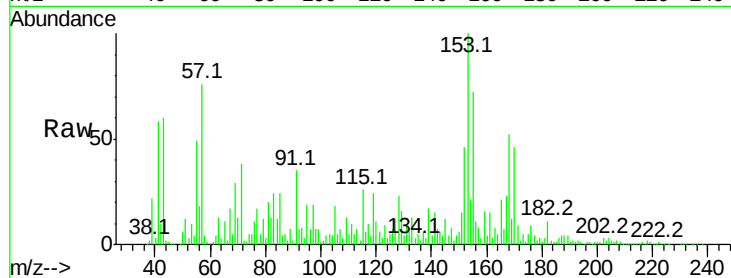
Tot Ion:168 Resp: 273537

Ion Ratio Lower Upper

168 100

139 33.3 30.6 45.8

169 23.2 10.8 16.2#



#55

4-Nitrophenol

Concen: 279.564 ng

RT: 9.77 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

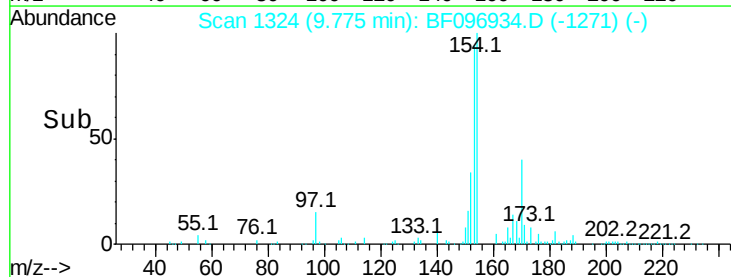
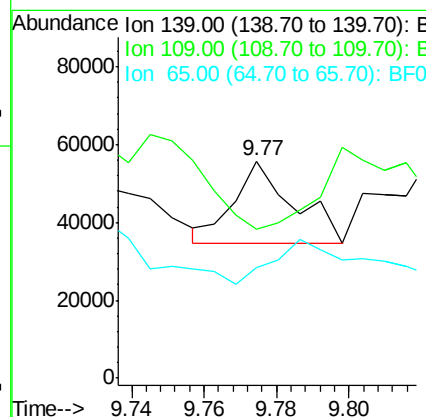
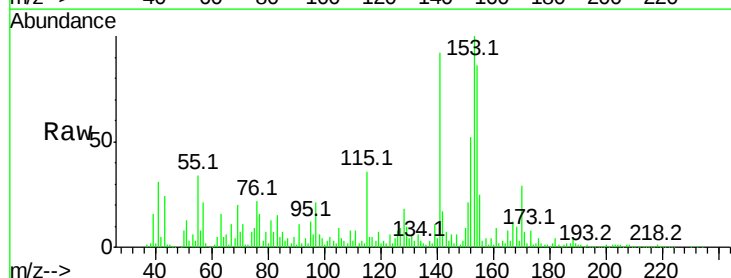
Tgt Ion:139 Resp: 24162

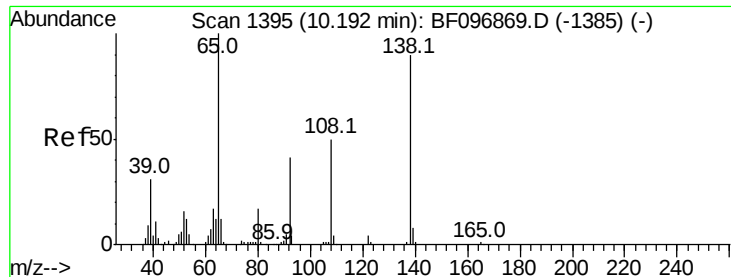
Ion Ratio Lower Upper

139 100

109 68.6 34.1 74.1

65 50.7 31.4 71.4

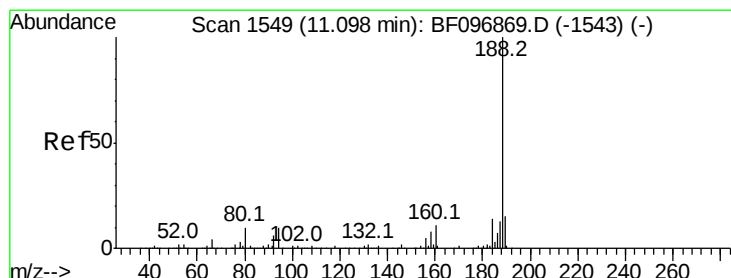
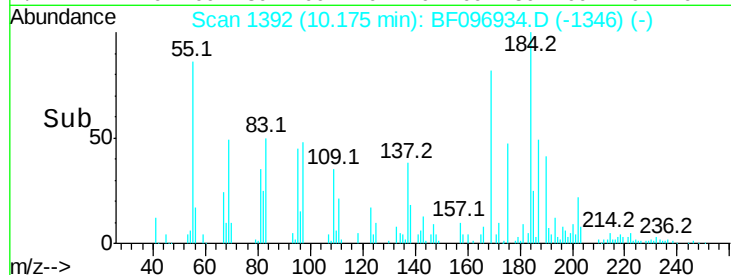
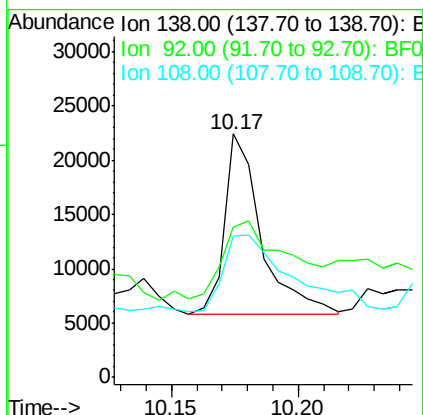
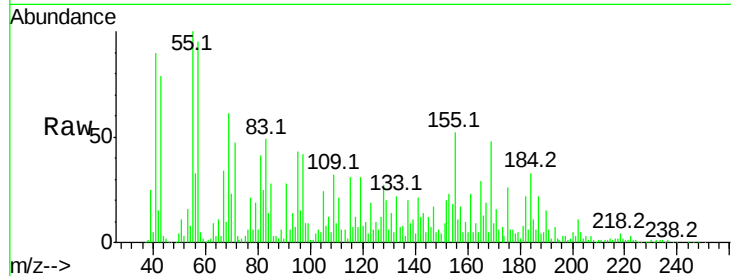




#61
4-Nitroaniline
Concen: 149.166 ng
RT: 10.17 min Scan# 1392
Delta R.T. -0.03 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

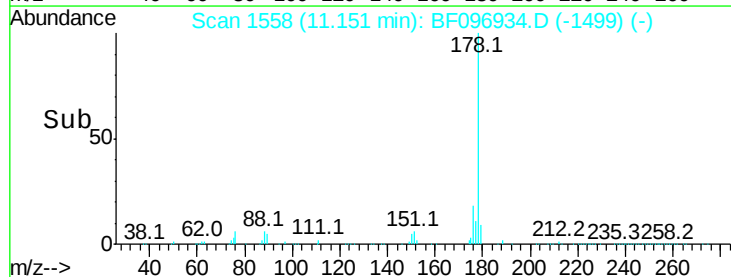
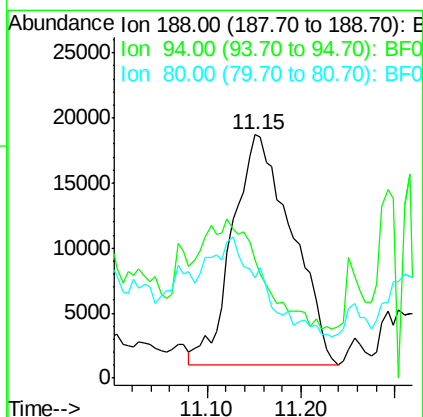
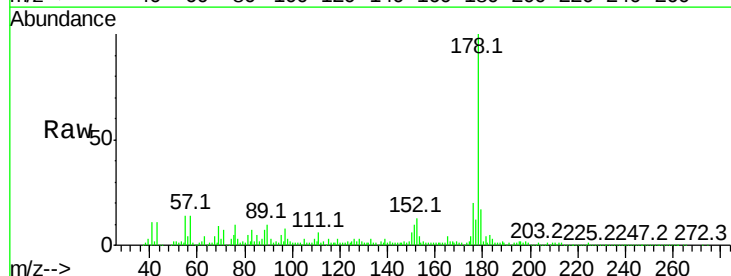
Instrument :
BNA_F
ClientSampleId :
E2-07-WSW

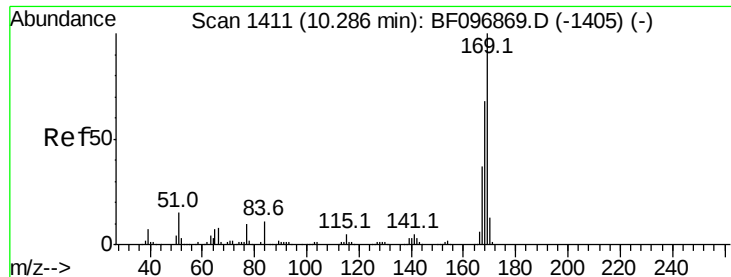
Tot Ion:138 Resp: 16571
Ion Ratio Lower Upper
138 100
92 61.8 21.8 61.8
108 57.8 42.3 82.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1558
Delta R.T. 0.05 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

Tgt Ion:188 Resp: 77172
Ion Ratio Lower Upper
188 100
94 48.3 9.4 14.2#
80 41.4 10.2 15.2#





#65

n-Nitrosodiphenylamine

Concen: 210.382 ng

RT: 10.31 min Scan# 1415

Delta R.T. 0.02 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

Instrument :

BNA_F

ClientSampleId :

E2-07-WSW

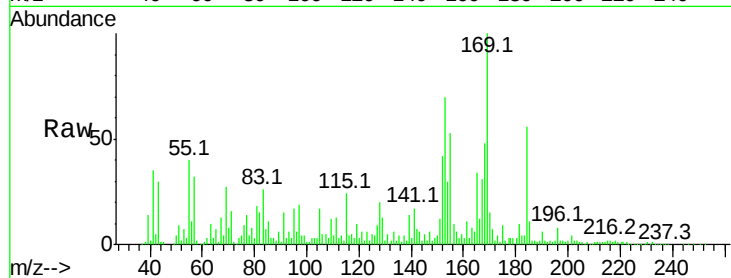
Tot Ion:169 Resp: 580360

Ion Ratio Lower Upper

169 100

168 48.4 53.2 79.8#

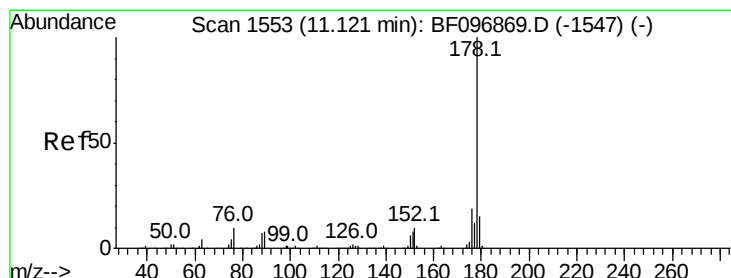
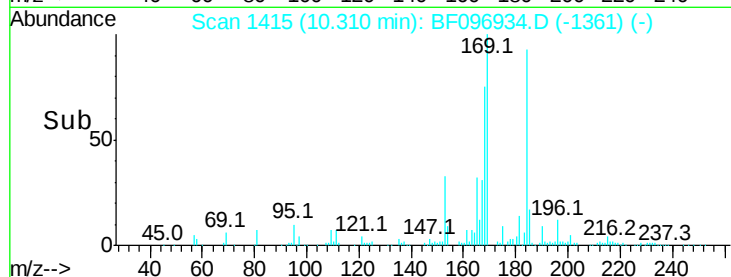
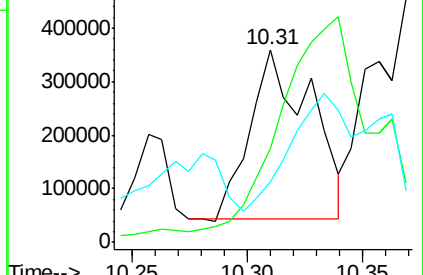
167 31.3 29.5 44.3



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



#70

Phenanthrene

Concen: 2342.332 ng

RT: 11.24 min Scan# 1573

Delta R.T. 0.11 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

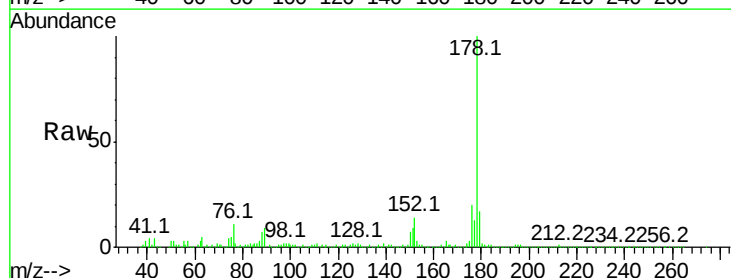
Tgt Ion:178 Resp: 9828668

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.4

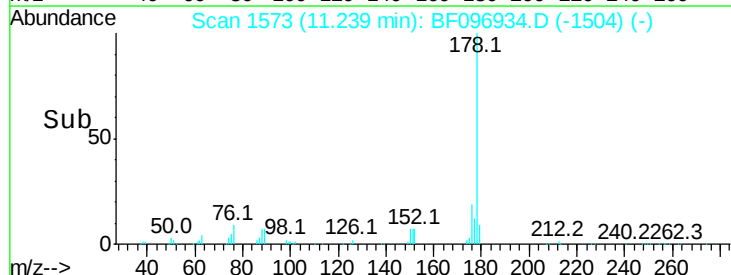
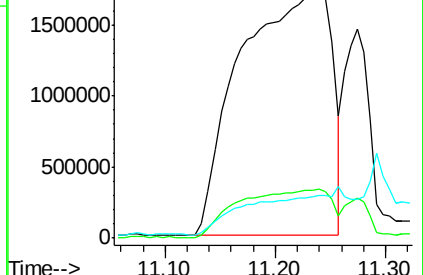
179 17.3 12.6 19.0

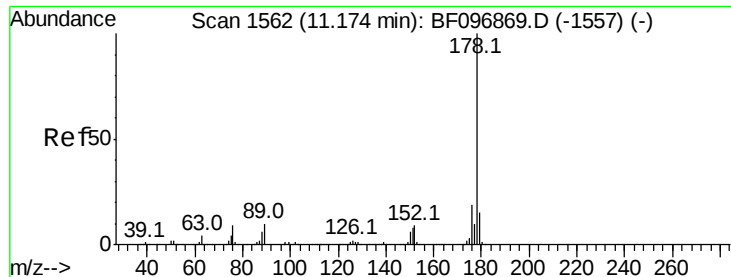


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 2316.674 ng

RT: 11.24 min Scan# 1573

Delta R.T. 0.05 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

Instrument :

BNA_F

ClientSampleId :

E2-07-WSW

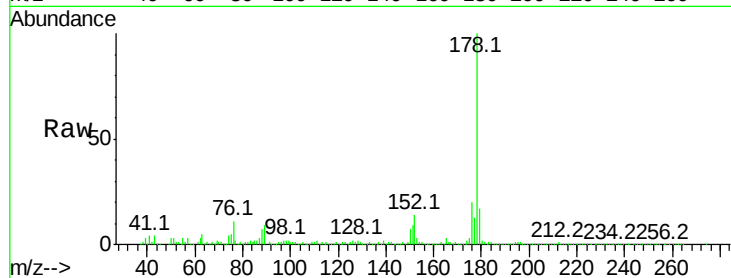
Tot Ion:178 Resp: 9828668

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

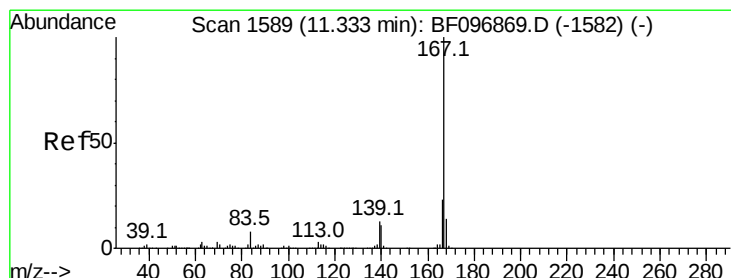
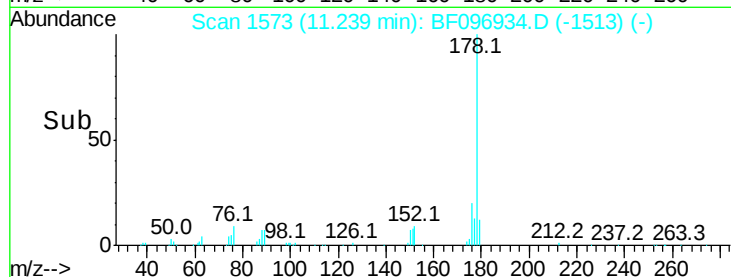
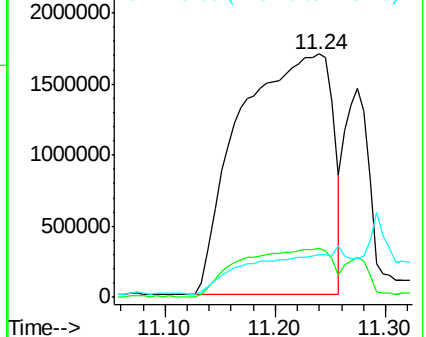
179 17.3 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 431.067 ng

RT: 11.40 min Scan# 1600

Delta R.T. 0.06 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

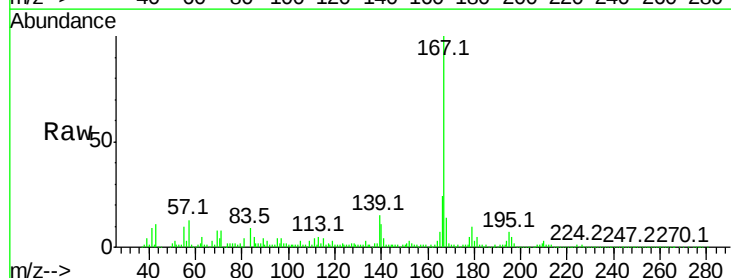
Tgt Ion:167 Resp: 1771018

Ion Ratio Lower Upper

167 100

166 24.1 18.1 27.1

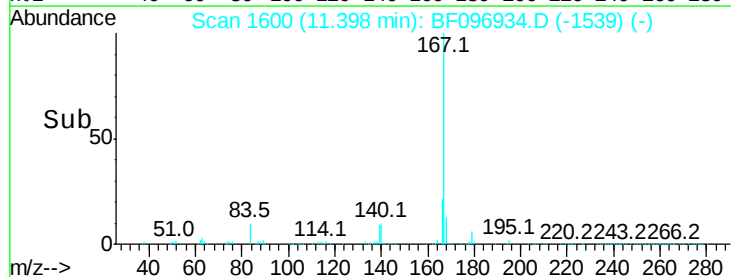
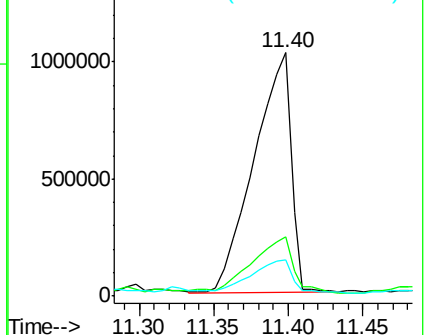
139 15.1 11.7 17.5

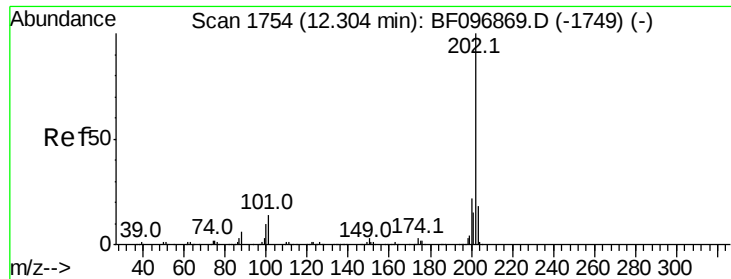


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 2245.391 ng

RT: 12.41 min Scan# 1772

Delta R.T. 0.09 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

Instrument :

BNA_F

ClientSampleId :

E2-07-WSW

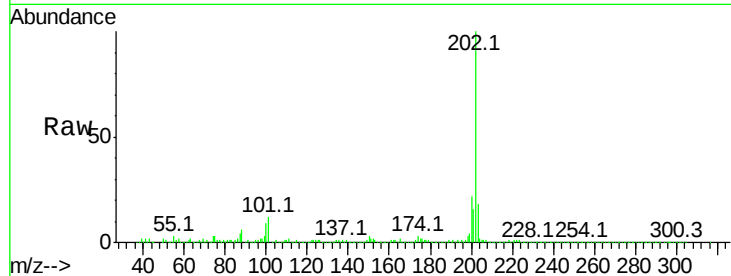
Tot Ion:202 Resp: 9018407

Ion Ratio Lower Upper

202 100

101 12.4 0.0 33.2

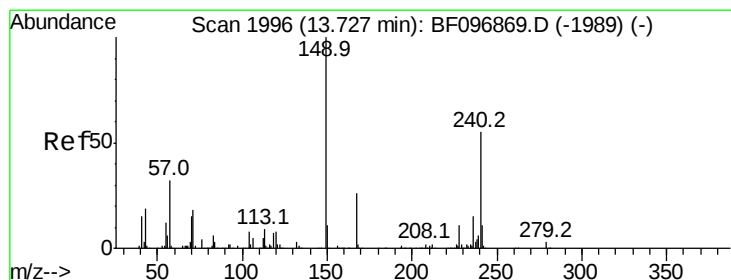
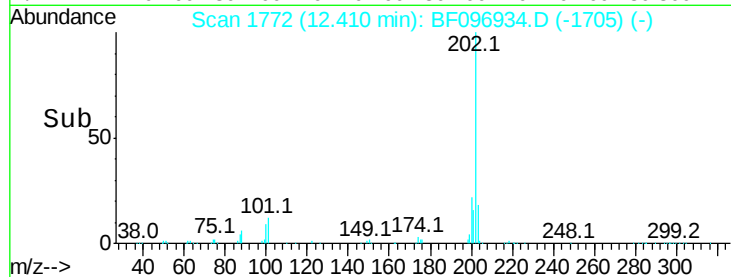
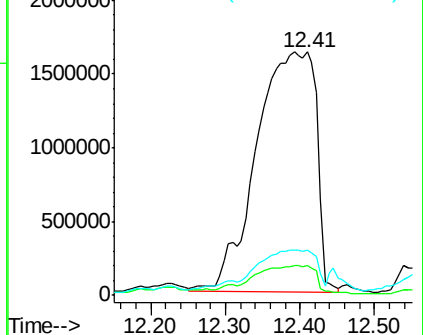
203 18.4 0.0 38.1



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: 20.000 ng

RT: 13.82 min Scan# 2011

Delta R.T. 0.08 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

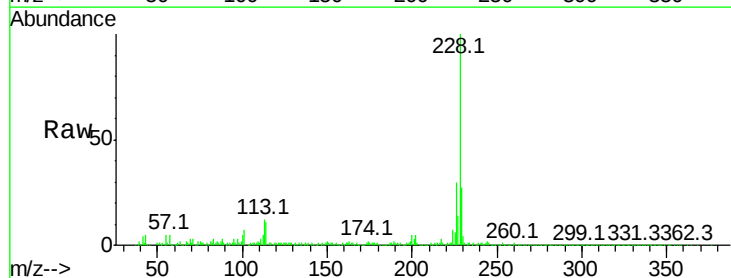
Tgt Ion:240 Resp: 28576

Ion Ratio Lower Upper

240 100

120 40.5 5.8 8.8#

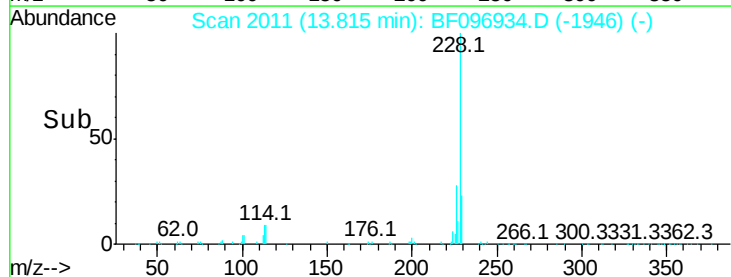
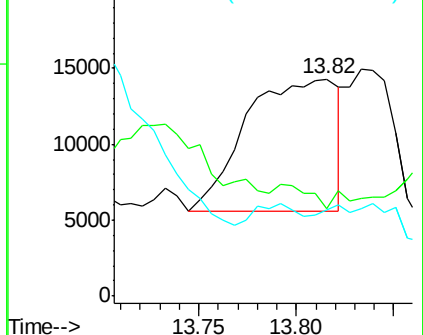
236 39.8 20.5 30.7#

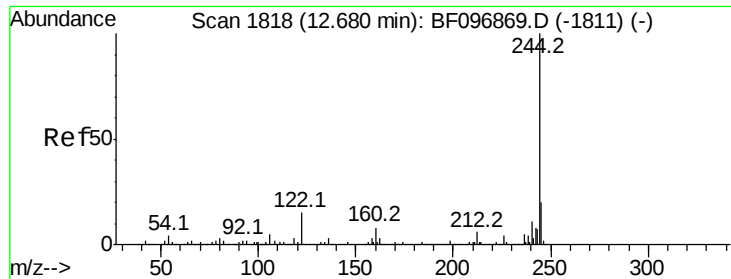


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

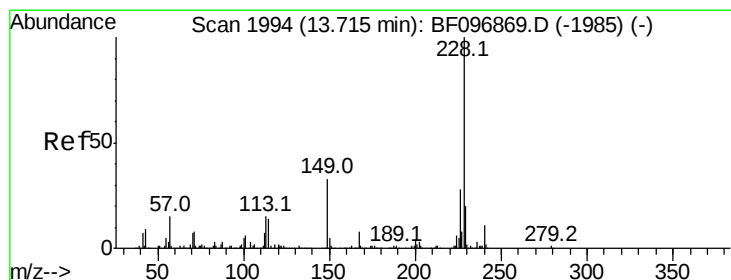
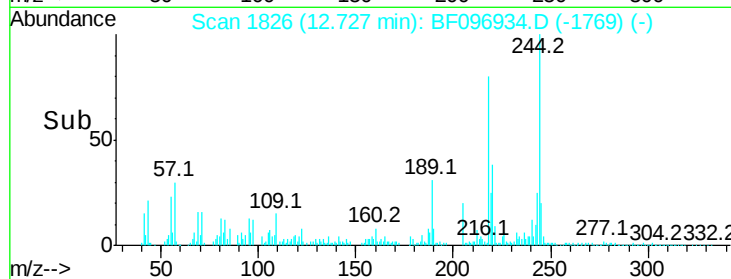
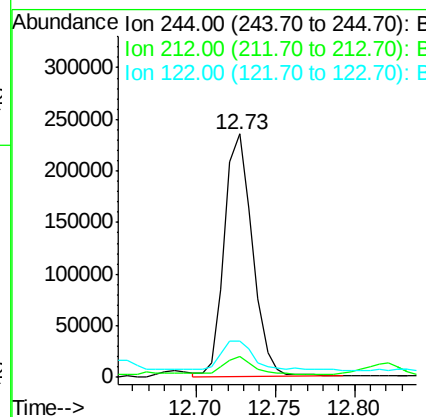
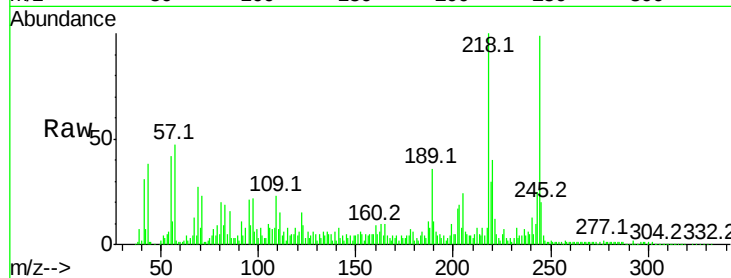




#78
 Terphenyl-d14
 Concen: 175.534 ng
 RT: 12.73 min Scan# 1826
 Delta R.T. 0.04 min
 Lab File: BF096934.D
 Acq: 21 Jul 2017 5:55

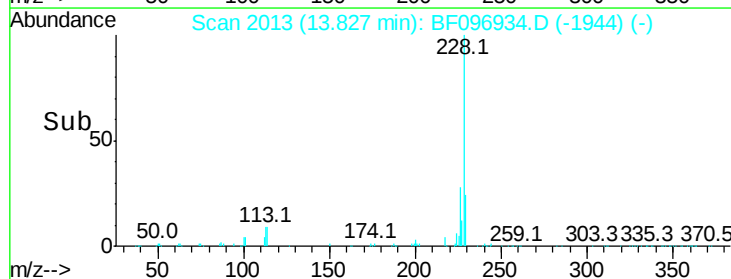
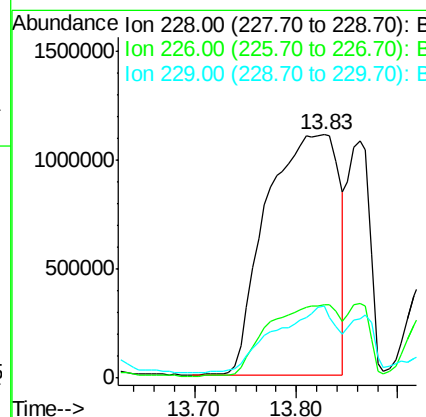
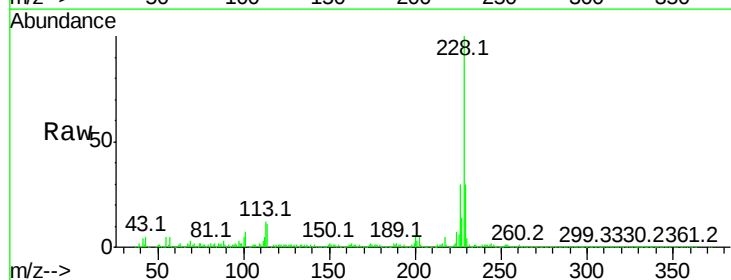
Instrument :
 BNA_F
 ClientSampleId :
 E2-07-WSW

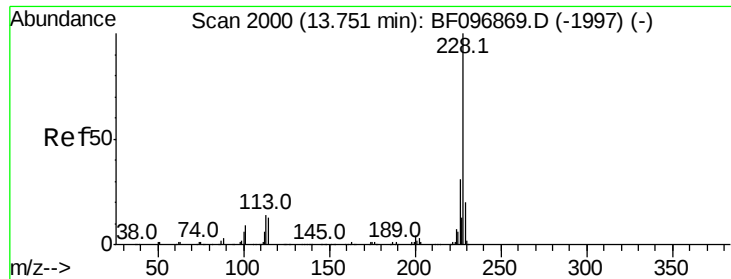
Tot Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.0	9.0
122	15.1	10.3	15.5



#80
 Benzo(a)anthracene
 Concen: 3068.968 ng
 RT: 13.83 min Scan# 2013
 Delta R.T. 0.11 min
 Lab File: BF096934.D
 Acq: 21 Jul 2017 5:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.6	33.8
229	29.8	16.3	24.5





#82

Chrysene

Concen: 752.456 ng

RT: 13.86 min Scan# 2019

Delta R.T. 0.10 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

Instrument :

BNA_F

ClientSampleId :

E2-07-WSW

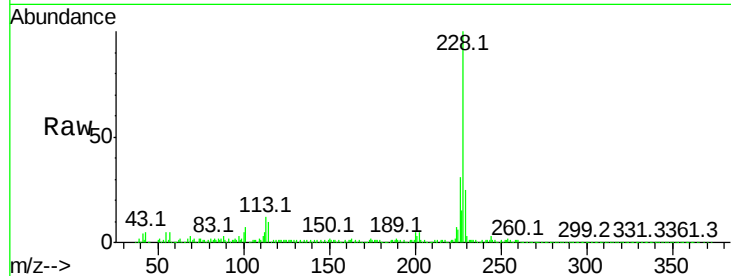
Tot Ion:228 Resp: 1318928

Ion Ratio Lower Upper

228 100

226 31.4 24.9 37.3

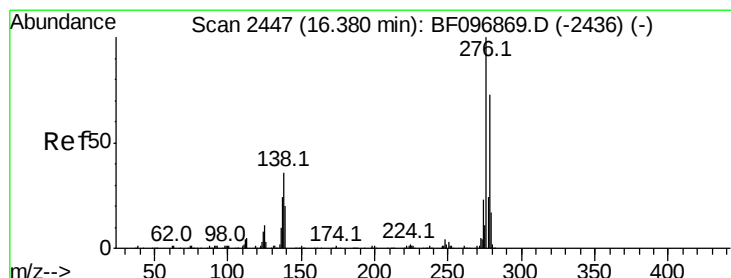
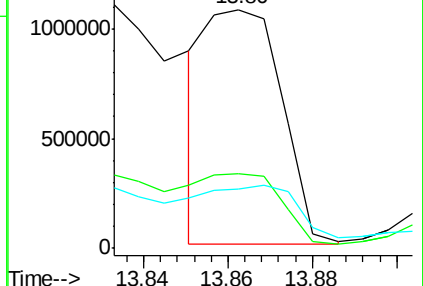
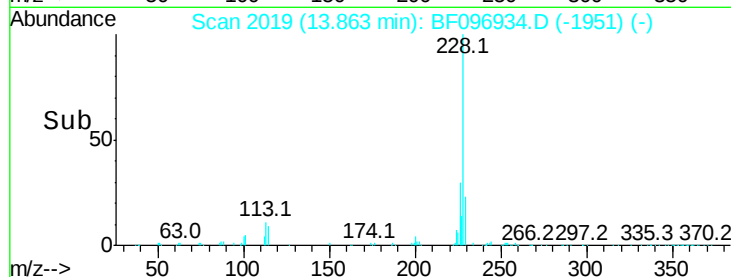
229 25.0 15.8 23.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 668.861 ng

RT: 16.52 min Scan# 2471

Delta R.T. 0.13 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

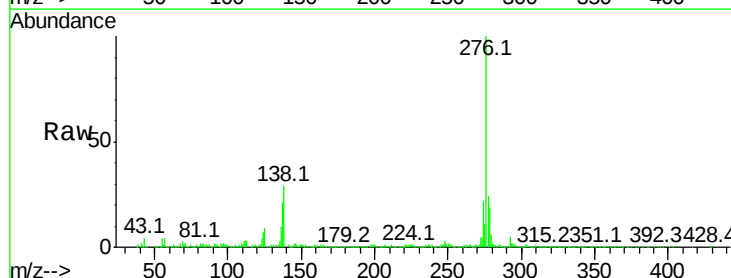
Tgt Ion:276 Resp: 2333419

Ion Ratio Lower Upper

276 100

138 32.9 27.8 41.6

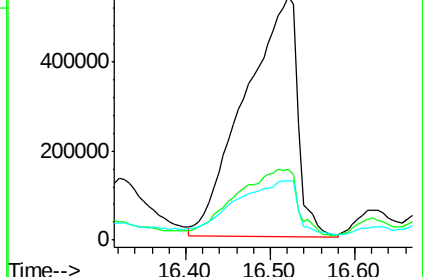
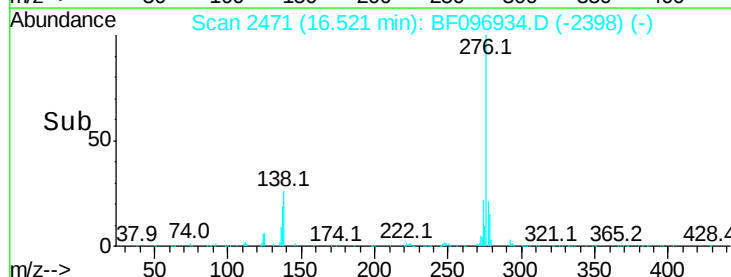
277 26.3 20.2 30.4

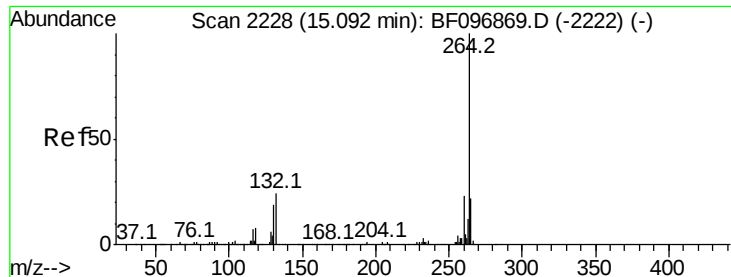


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.19 min Scan# 2244

Delta R.T. 0.08 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

Instrument :

BNA_F

ClientSampleId :

E2-07-WSW

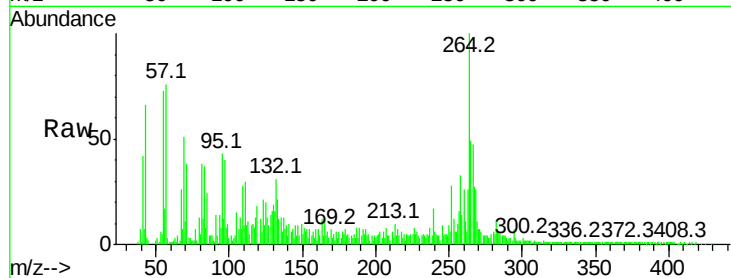
Tot Ion:264 Resp: 109978

Ion Ratio Lower Upper

264 100

260 25.8 19.5 29.3

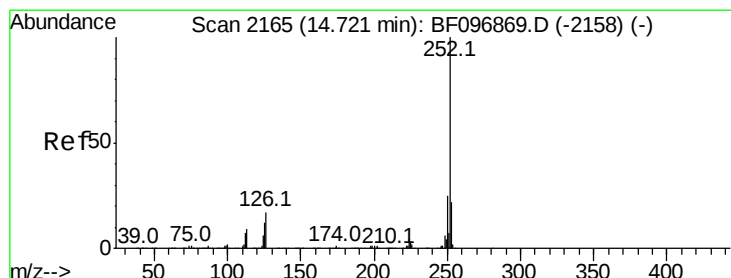
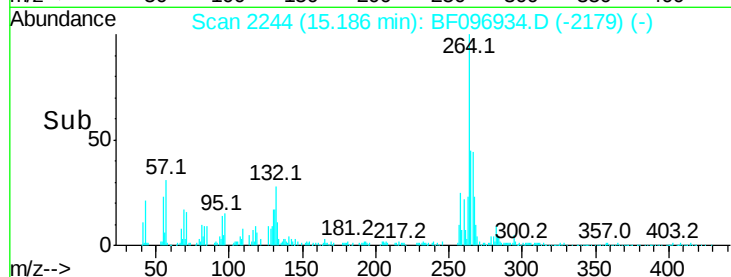
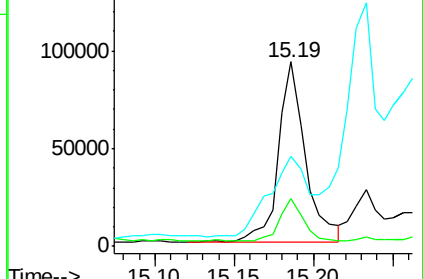
265 48.6 17.2 25.8#



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 710.594 ng

RT: 14.83 min Scan# 2183

Delta R.T. 0.10 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

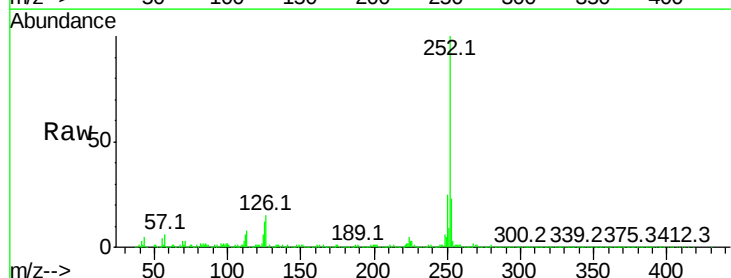
Tgt Ion:252 Resp: 4713313

Ion Ratio Lower Upper

252 100

253 23.4 18.1 27.1

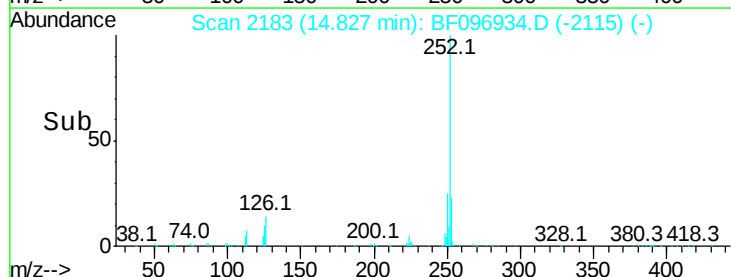
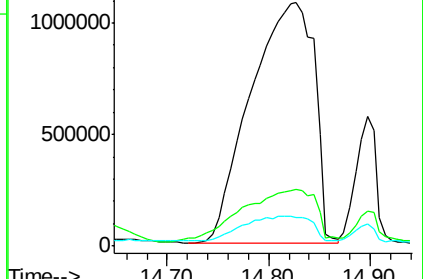
125 12.0 9.8 14.8

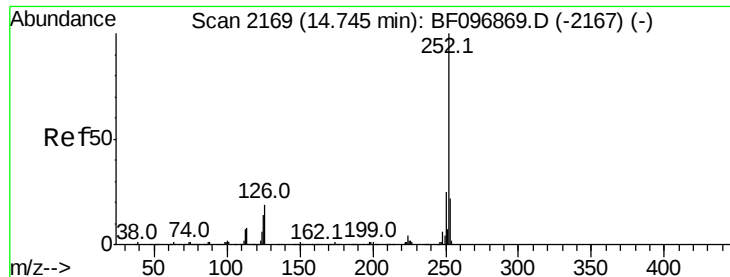


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 126.215 ng

RT: 14.90 min Scan# 2195

Delta R.T. 0.14 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

Instrument :

BNA_F

ClientSampleId :

E2-07-WSW

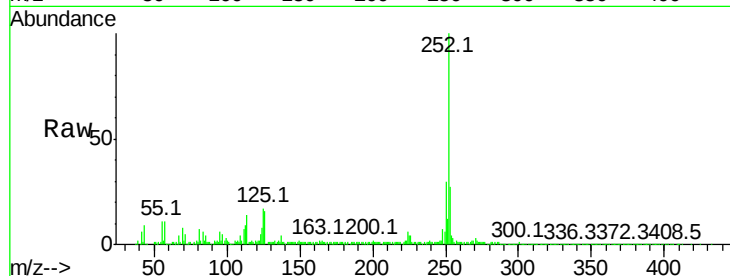
Tot Ion:252 Resp: 792755

Ion Ratio Lower Upper

252 100

253 27.3 18.4 27.6

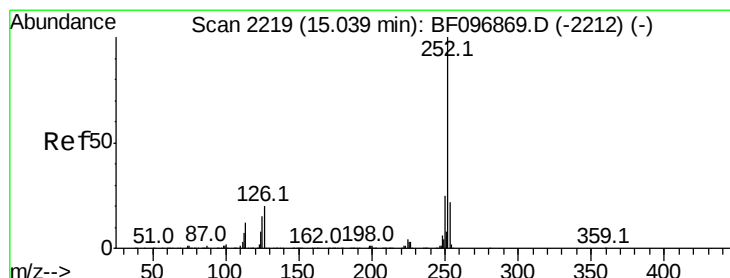
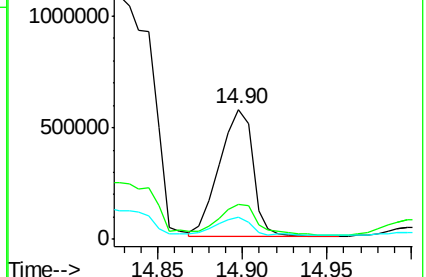
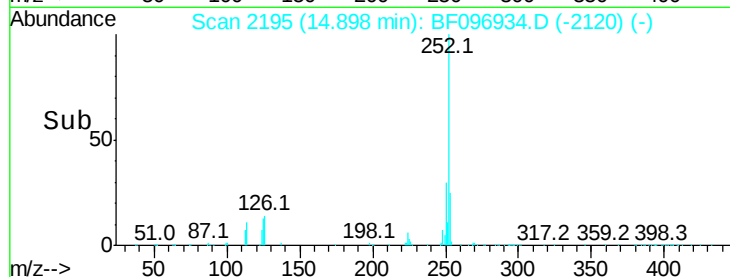
125 17.2 13.1 19.7



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



#89

Benzo(a)pyrene

Concen: 421.917 ng

RT: 15.15 min Scan# 2238

Delta R.T. 0.10 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

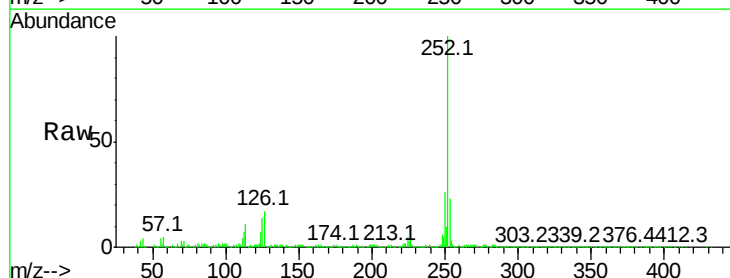
Tgt Ion:252 Resp: 2566762

Ion Ratio Lower Upper

252 100

253 23.4 17.5 26.3

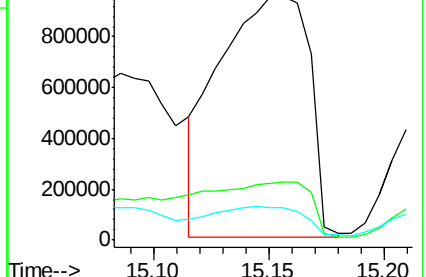
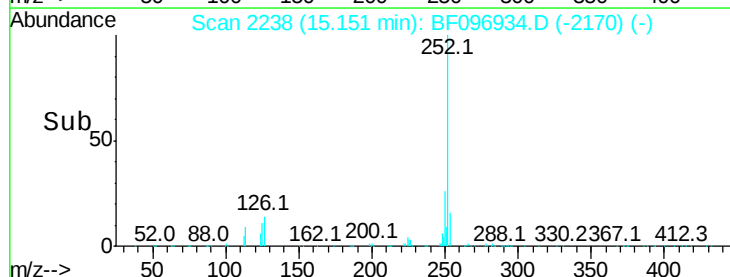
125 13.5 11.0 16.4

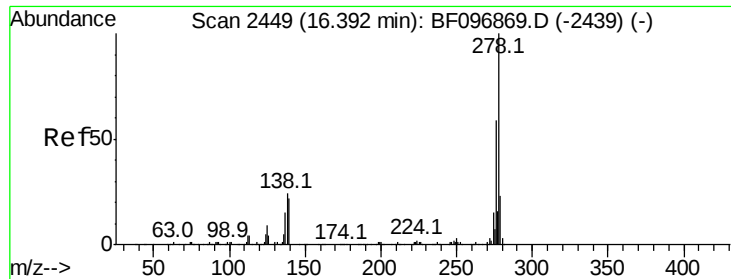


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

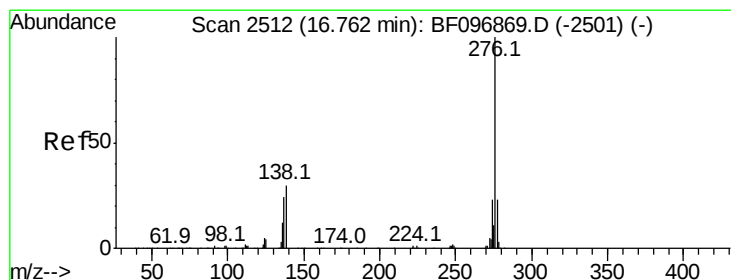
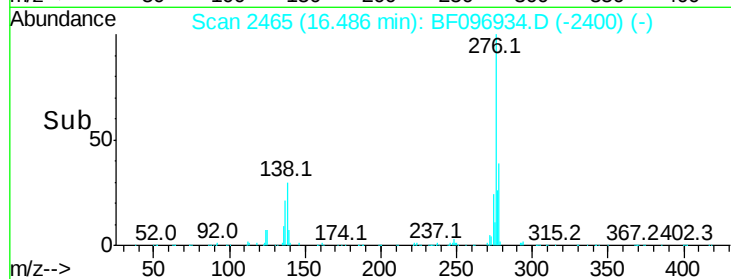
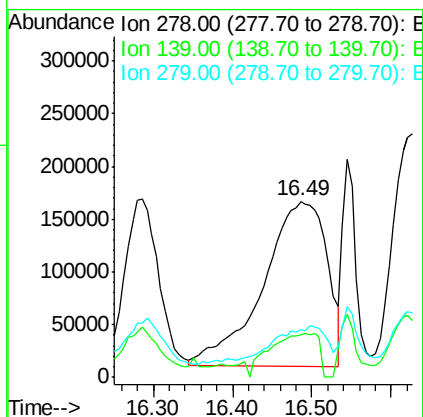
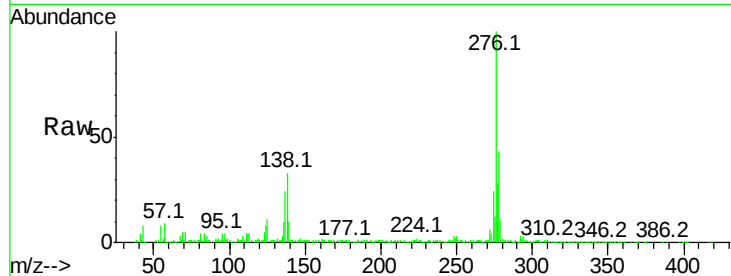




#90
Dibenzo(a,h)anthracene
Concen: 156.126 ng
RT: 16.49 min Scan# 2465
Delta R.T. 0.08 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

Instrument :
BNA_F
ClientSampleId :
E2-07-WSW

Tot Ion:278 Resp: 873968
Ion Ratio Lower Upper
278 100
139 24.3 16.6 24.8
279 26.8 19.3 28.9



#91
Benzo(g,h,i)perylene
Concen: 358.140 ng
RT: 16.92 min Scan# 2538
Delta R.T. 0.14 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

Tgt Ion:276 Resp: 2146839
Ion Ratio Lower Upper
276 100
277 26.3 18.6 28.0
138 31.5 25.4 38.0

