

Data File : BF096929.D
Acq On : 21 Jul 2017 3:36
Operator : SJ/JU
Sample : I4253-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-O-P-6-7-BASE

Quant Time: Jul 21 05:11:57 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	6.57	152	103922	20.00	ng	-0.03
21) Naphthalene-d8	7.86	136	329265	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	161605	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	238898	20.00	ng	-0.02
75) Chrysene-d12	13.71	240	165975	20.00	ng	-0.02
86) Perylene-d12	15.08	264	148655	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	671351	97.13	ng	-0.02
7) Phenol-d6	6.23	99	873806	105.35	ng	-0.02
23) Nitrobenzene-d5	7.14	82	427151	80.35	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	123708	89.68	ng	-0.02
44) 2-Fluorobiphenyl	8.94	172	726261	71.00	ng	-0.02
78) Terphenyl-d14	12.66	244	347403	36.30	ng	-0.03

Target Compounds				Qvalue		
6) Aniline	6.32	93	785148	76.85	ng	# 51
10) Phenol	6.24	94	35595	3.80	ng	# 85
11) bis(2-Chloroethyl)ether	6.32	93	785148	111.36	ng	# 91
12) 1,3-Dichlorobenzene	6.51	146	168629	21.28	ng	# 99
13) 1,4-Dichlorobenzene	6.59	146	583889	72.75	ng	# 96
14) 1,2-Dichlorobenzene	6.76	146	1200327	164.42	ng	# 98
16) 2,2'-oxybis(1-Chloropropan	6.86	45	444356	30.54	ng	# 97
17) 2-Methylphenol	6.84	107	54044	9.32	ng	# 95
18) Hexachloroethane	7.07	117	8181	2.87	ng	# 1
20) 3+4-Methylphenols	7.00	107	104617	14.87	ng	# 63
22) Acetophenone	6.97	105	49166	6.68	ng	# 48
27) 2,4-Dimethylphenol	7.55	122	284592	56.59	ng	# 90
28) bis(2-Chloroethoxy)methane	7.61	93	13513	2.02	ng	# 1
30) 1,2,4-Trichlorobenzene	7.80	180	78806	18.21	ng	# 98
31) Naphthalene	7.89	128	2313839	148.34	ng	# 99
32) Benzoic acid	7.67	122	419694	130.57	ng	# 12
33) 4-Chloroaniline	7.89	127	334144	54.07	ng	# 42
35) Caprolactam	8.31	113	32340	22.17	ng	# 1
36) 4-Chloro-3-methylphenol	8.45	107	17568	3.59	ng	# 24
37) 2-Methylnaphthalene	8.60	142	2709814	272.50	ng	# 97
45) 1,1'-Biphenyl	9.04	154	485612	35.04	ng	# 98
47) 2-Nitroaniline	9.14	65	15751	4.49	ng	# 44
48) Acenaphthylene	9.47	152	64788	3.98	ng	# 10
49) Dimethylphthalate	9.34	163	180419	14.83	ng	# 93
51) Acenaphthene	9.65	154	325656	33.90	ng	# 97
53) 2,4-Dinitrophenol	9.66	184	1590	7.86	ng	# 1
54) Dibenzofuran	9.82	168	157288	11.68	ng	# 60
55) 4-Nitrophenol	9.86	139	25024	10.97	ng	# 96
56) 2,4-Dinitrotoluene	9.79	165	9933	2.93	ng	# 67
57) Fluorene	10.16	166	219351	22.05	ng	# 94
60) 4-Chlorophenyl-phenylether	10.16	204	904	Below	Cal	# 1
65) n-Nitrosodiphenylamine	10.27	169	151339	17.72	ng	# 59
70) Phenanthrene	11.11	178	719415	55.38	ng	# 99
71) Anthracene	11.16	178	185830	14.15	ng	# 97

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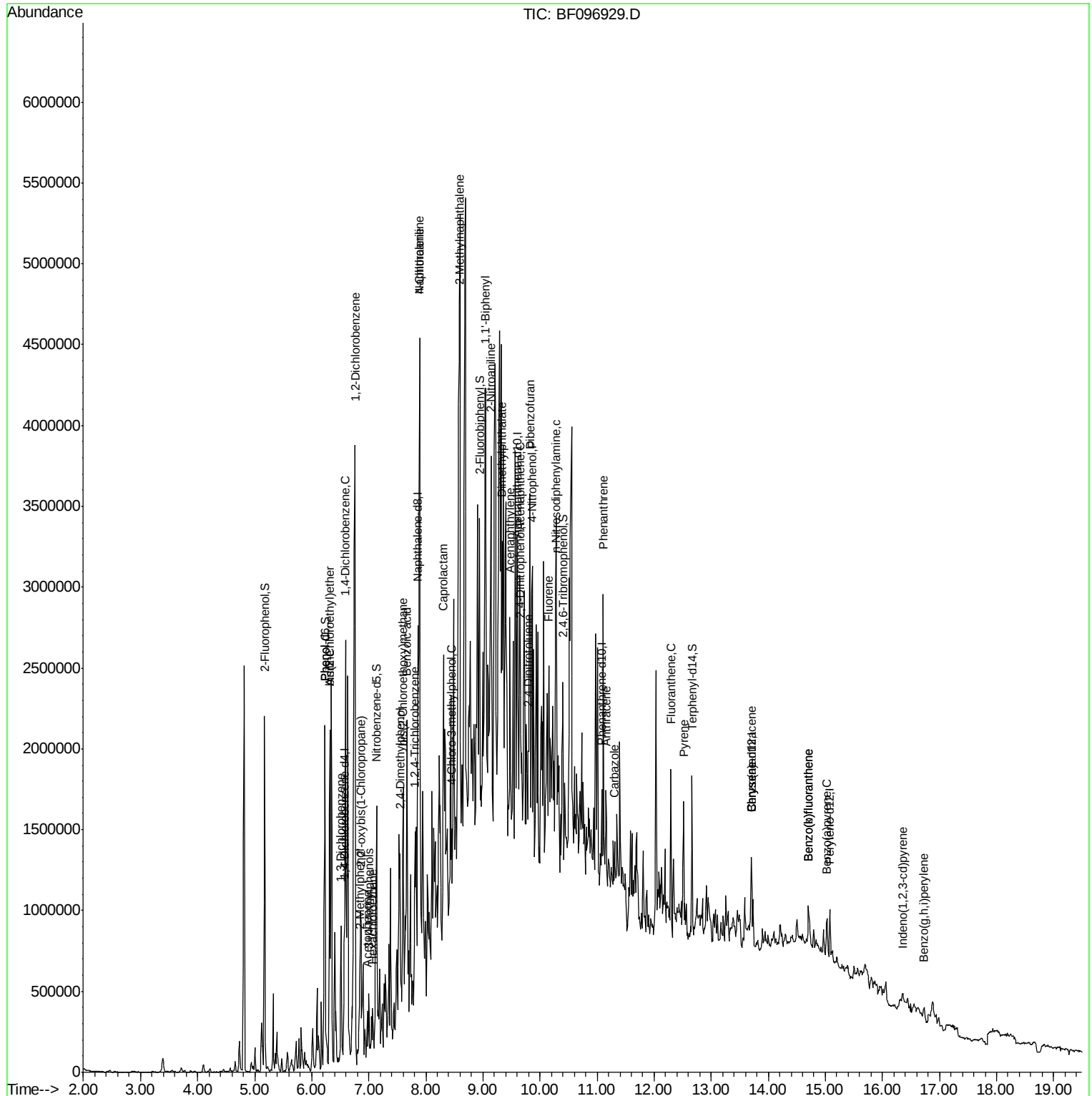
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) Carbazole	11.31	167	52139	4.10	ng	# 90
74) Fluoranthene	12.29	202	379593	30.53	ng	98
77) Pyrene	12.52	202	361693	24.01	ng	99
80) Benzo(a)anthracene	13.70	228	139742	13.51	ng	96
82) Chrysene	13.70	228	139742	13.73	ng	97
85) Indeno(1,2,3-cd)pyrene	16.35	276	42742	7.67	ng	97
87) Benzo(b)fluoranthene	14.70	252	162385	18.11	ng	# 87
88) Benzo(k)fluoranthene	14.70	252	162385	19.13	ng	# 91
89) Benzo(a)pyrene	15.03	252	87234	10.61	ng	# 93
91) Benzo(g,h,i)perylene	16.73	276	39243	4.84	ng	94

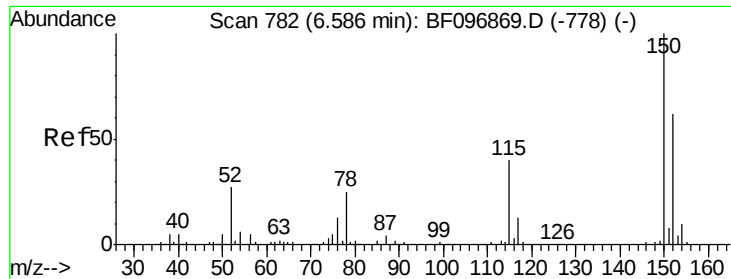
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 26 Sample Multiplier: 1

E2-O-P-6-7-BASE

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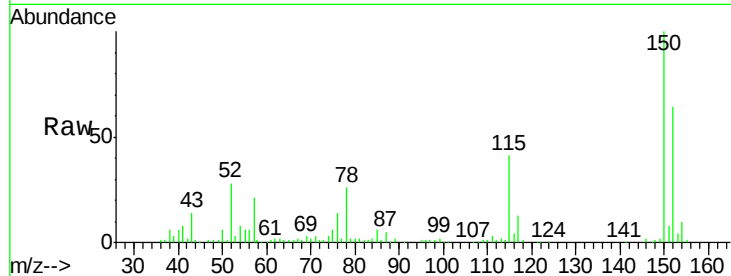




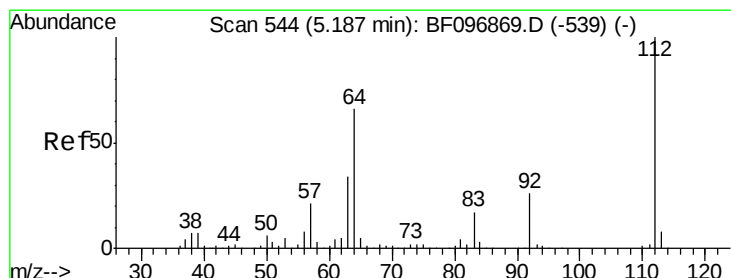
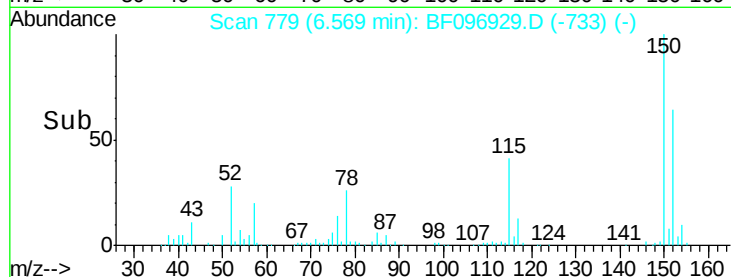
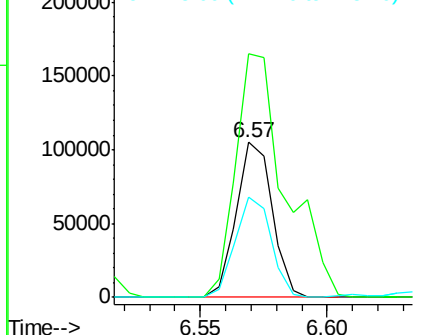
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.57 min Scan# 779
 Delta R.T. -0.03 min
 Lab File: BF096929.D
 Acq: 21 Jul 2017 3:36

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Tgt Ion:152 Resp: 103922
 Ion Ratio Lower Upper
 152 100
 150 156.9 126.2 189.2
 115 64.2 52.2 78.2

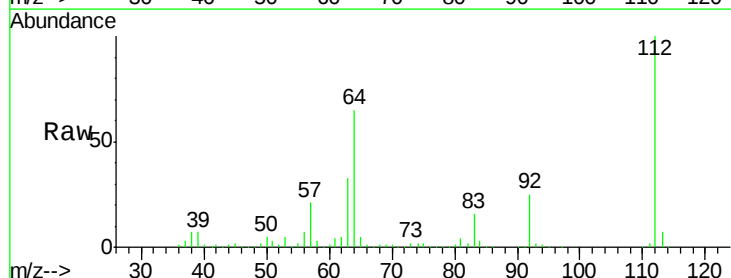


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

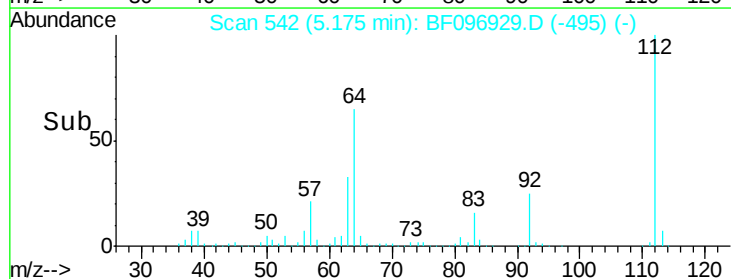
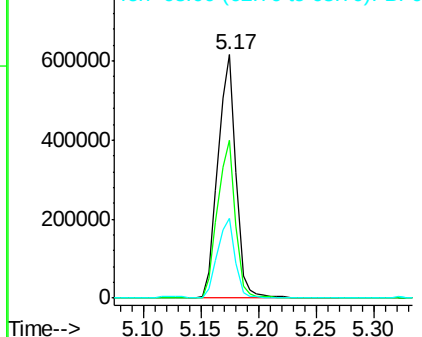


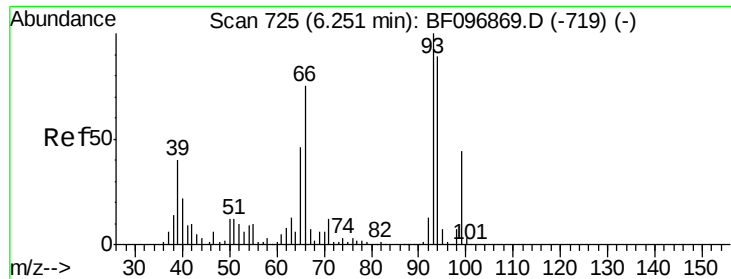
#5
 2-Fluorophenol
 Concen: 97.13 ng
 RT: 5.17 min Scan# 542
 Delta R.T. -0.02 min
 Lab File: BF096929.D
 Acq: 21 Jul 2017 3:36

Tgt Ion:112 Resp: 671351
 Ion Ratio Lower Upper
 112 100
 64 64.6 46.0 69.0
 63 32.8 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: 76.85 ng

RT: 6.32 min Scan# 736

Delta R.T. 0.05 min

Lab File: BF096929.D

Acq: 21 Jul 2017 3:36

Instrument :

BNA_F

ClientSampleId :

E2-O-P-6-7-BASE

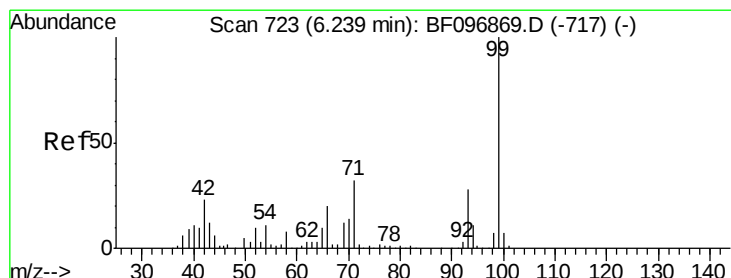
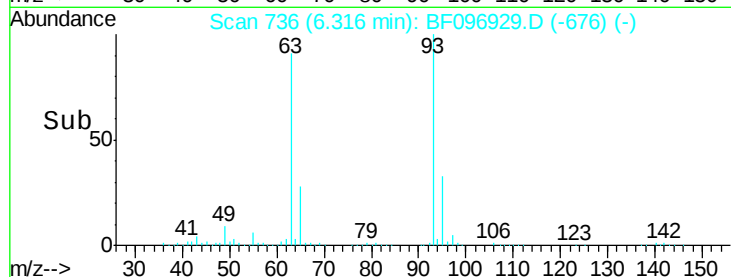
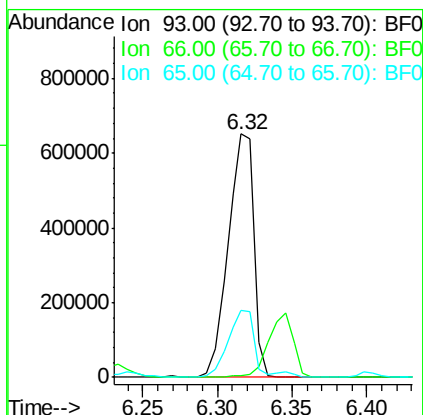
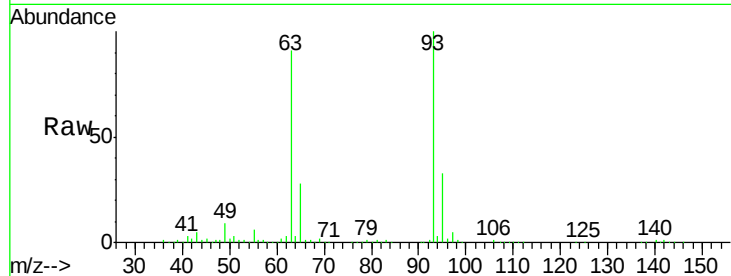
Tgt Ion: 93 Resp: 785148

Ion Ratio Lower Upper

93 100

66 0.7 32.9 49.3#

65 27.6 16.0 24.0#



#7

Phenol-d6

Concen: 105.35 ng

RT: 6.23 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF096929.D

Acq: 21 Jul 2017 3:36

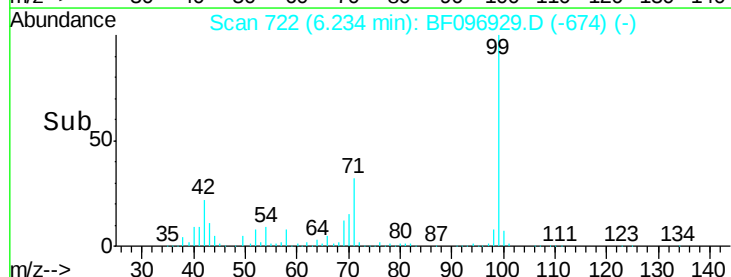
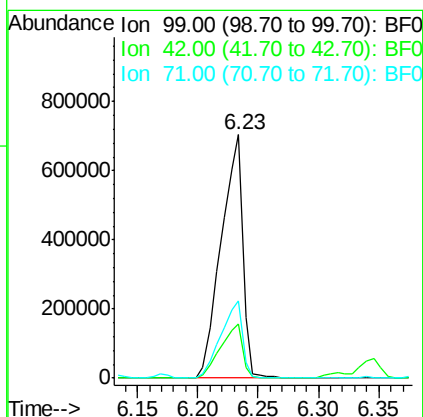
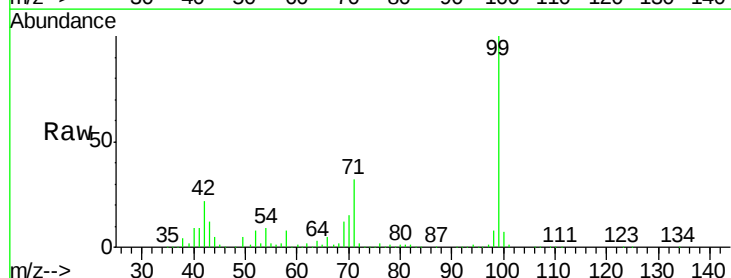
Tgt Ion: 99 Resp: 873806

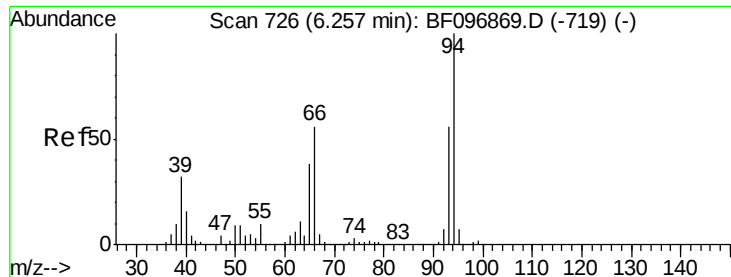
Ion Ratio Lower Upper

99 100

42 22.3 13.5 20.3#

71 31.6 24.5 36.7





#10

Phenol

Concen: 3.80 ng

RT: 6.24 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF096929.D

Acq: 21 Jul 2017 3:36

Instrument :

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E2-O-P-6-7-BASE

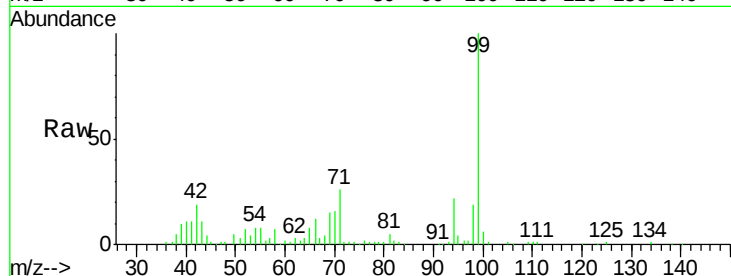
Tgt Ion: 94 Resp: 35595

Ion Ratio Lower Upper

94 100

65 34.8 9.9 49.9

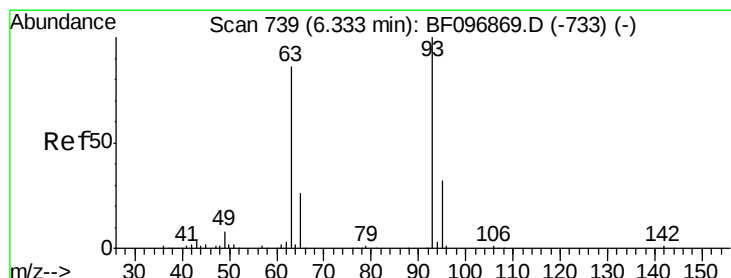
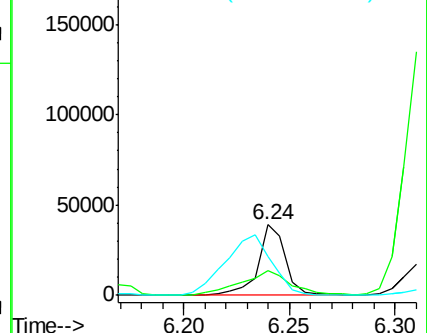
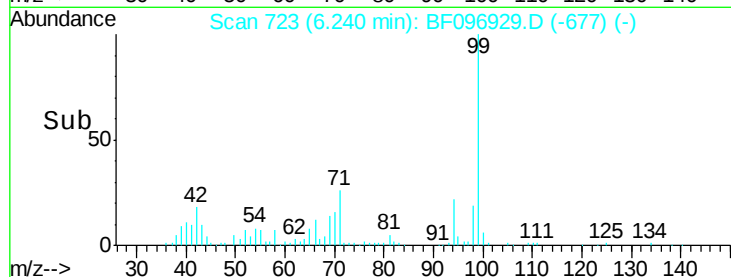
66 55.0 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 111.36 ng

RT: 6.32 min Scan# 736

Delta R.T. -0.03 min

Lab File: BF096929.D

Acq: 21 Jul 2017 3:36

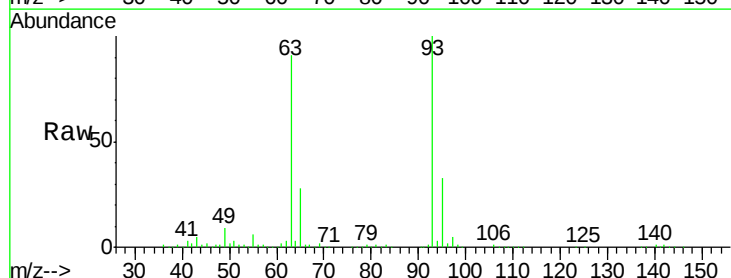
Tgt Ion: 93 Resp: 785148

Ion Ratio Lower Upper

93 100

63 90.7 59.2 99.2

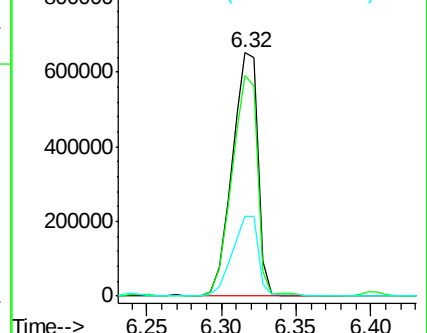
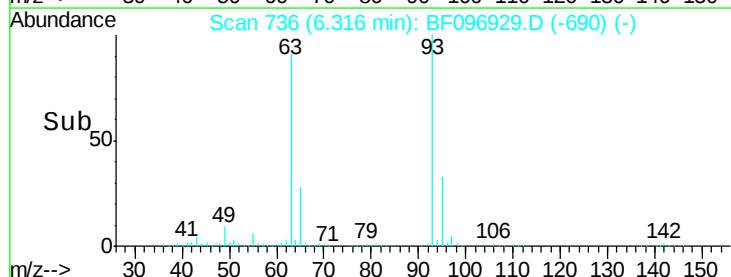
95 32.8 12.8 52.8

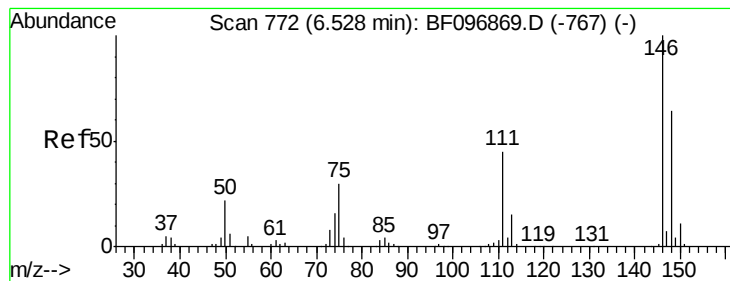


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 21.28 ng

RT: 6.51 min Scan# 769

Delta R.T. -0.03 min

Lab File: BF096929.D

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Instrument :

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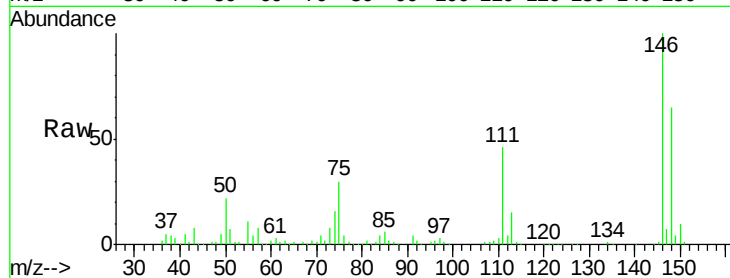
Tgt Ion:146 Resp: 168629

Ion Ratio Lower Upper

146 100

148 65.0 51.8 77.6

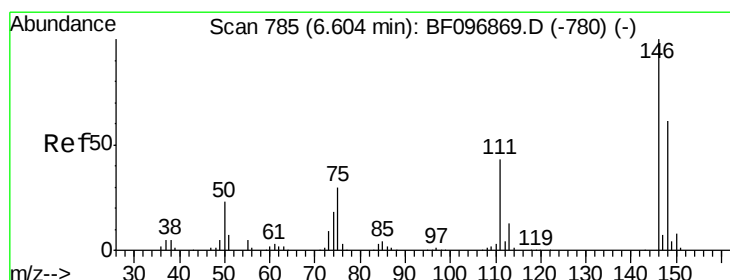
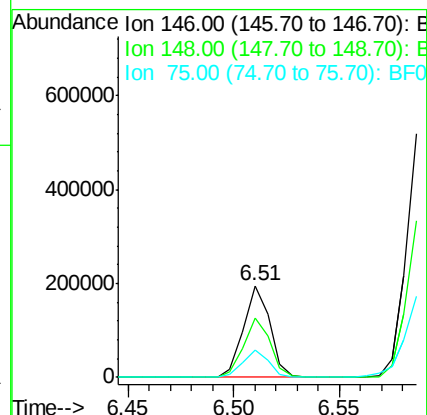
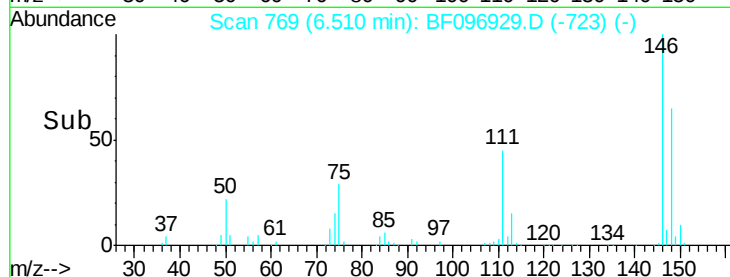
75 29.8 23.1 34.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 72.75 ng

RT: 6.59 min Scan# 783

Delta R.T. -0.02 min

Lab File: BF096929.D

Acq: 21 Jul 2017 3:36

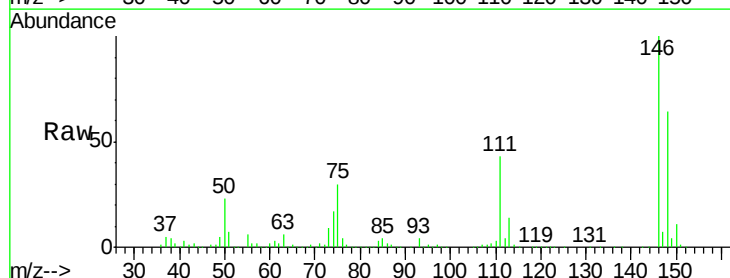
Tgt Ion:146 Resp: 583889

Ion Ratio Lower Upper

146 100

148 64.0 52.2 78.2

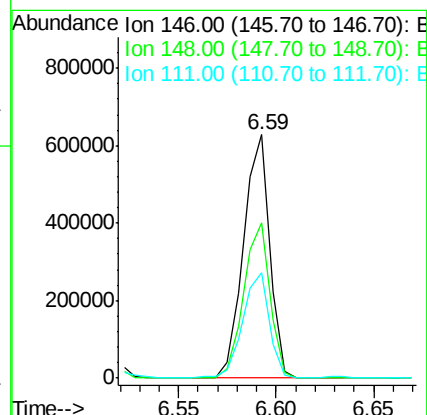
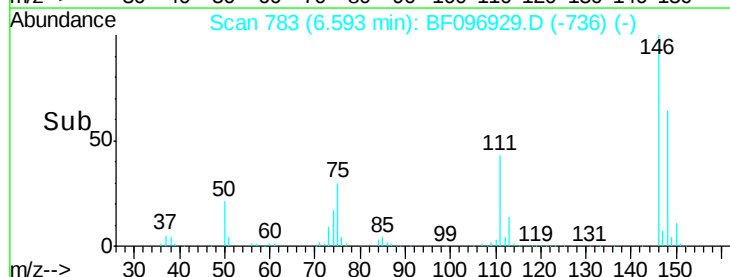
111 43.3 30.3 45.5

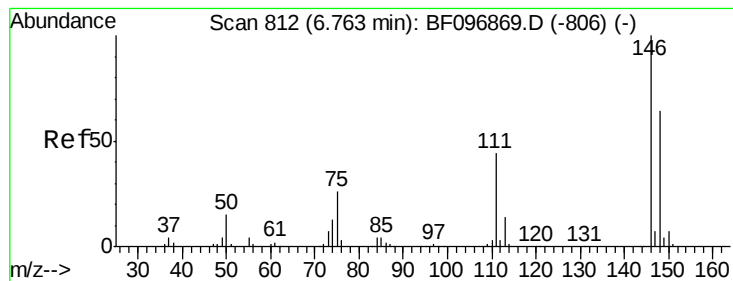


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

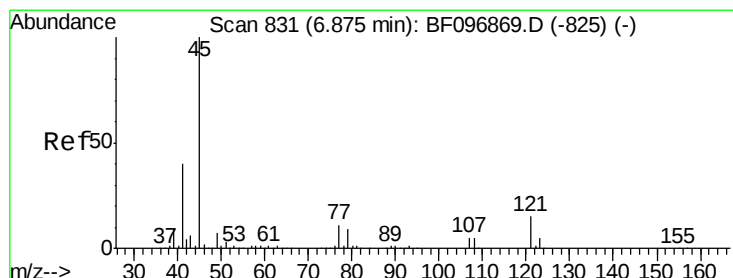
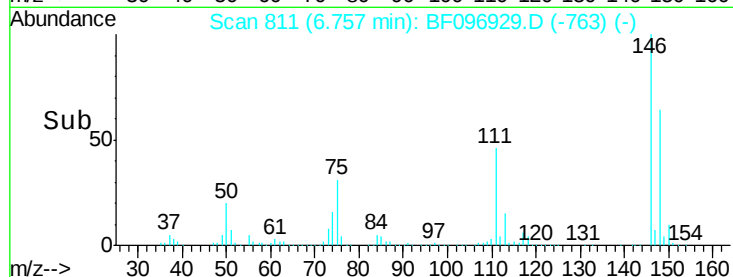
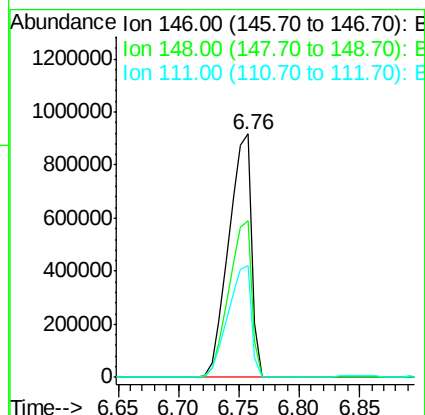
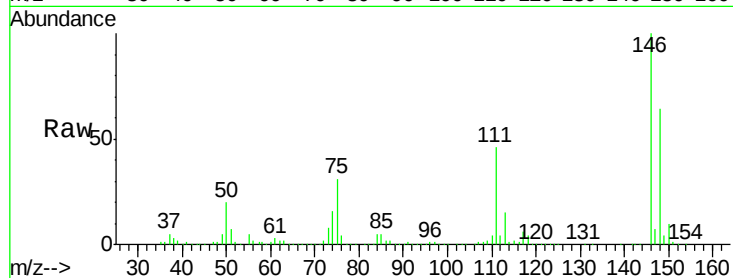




#14
 1,2-Dichlorobenzene
 Concen: 164.42 ng
 RT: 6.76 min Scan# 811
 Delta R.T. -0.02 min
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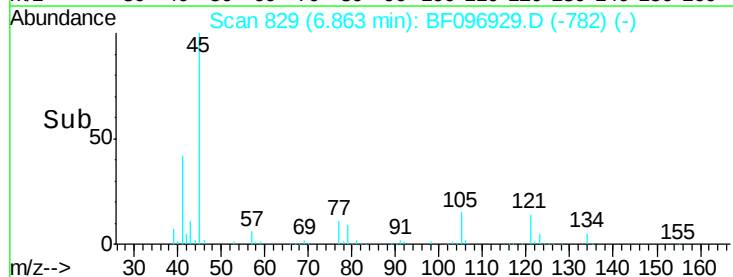
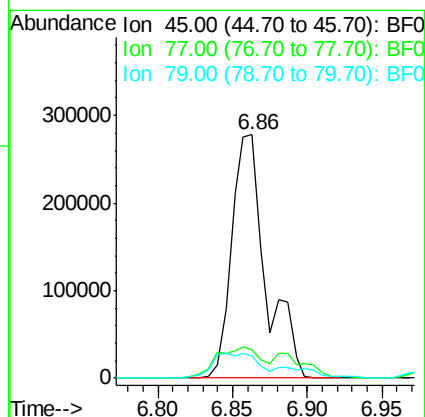
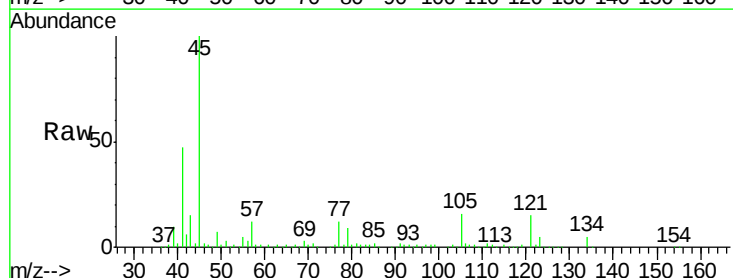
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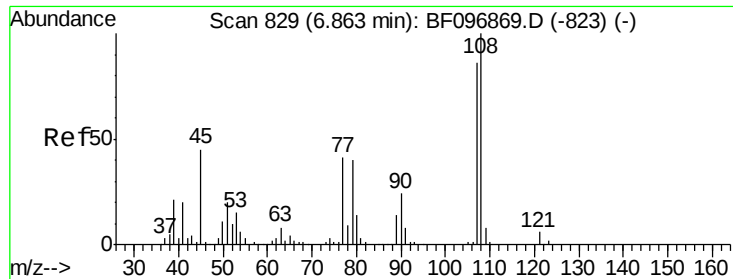
Tgt Ion: 146 Resp: 1200327
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.4 75.6
 111 46.1 38.2 57.4



#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 30.54 ng
 RT: 6.86 min Scan# 829
 Delta R.T. -0.02 min
 Lab File: BF096929.D
 Acq: 21 Jul 2017 3:36

Tgt Ion: 45 Resp: 444356
 Ion Ratio Lower Upper
 45 100
 77 11.8 0.0 33.2
 79 9.2 0.0 30.0

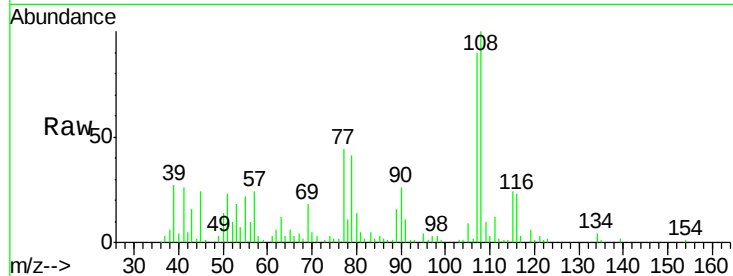




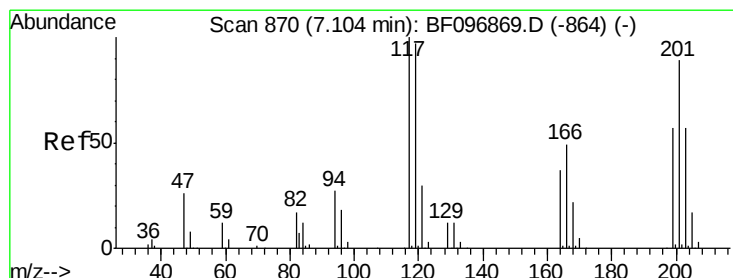
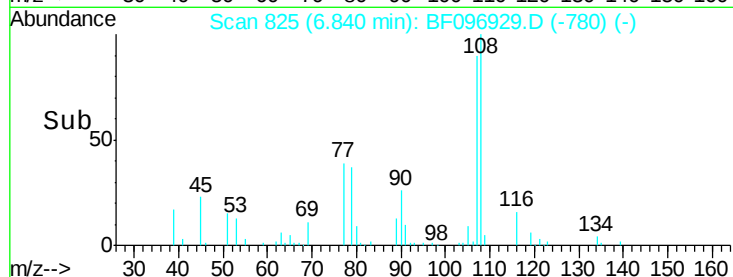
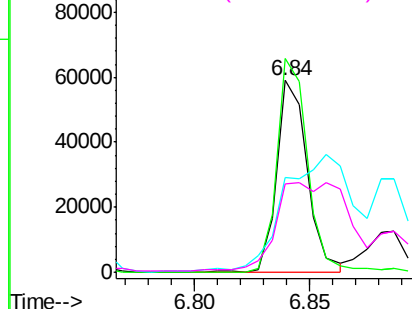
#17
2-Methylphenol
Concen: 9.32 ng
RT: 6.84 min Scan# 825
Delta R.T. -0.04 min
Lab File: BF096929.D
Acq: 21 Jul 2017 3:36

Instrument :
BNA_F
ClientSampleId :
E2-O-P-6-7-BASE

Tgt Ion:107 Resp: 54044
Ion Ratio Lower Upper
107 100
108 111.4 93.4 140.0
77 49.5 35.8 53.6
79 45.7 34.8 52.2

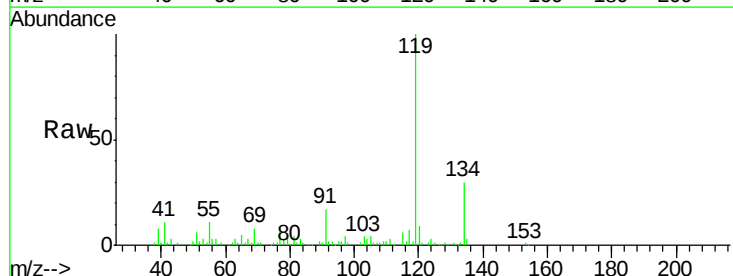


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

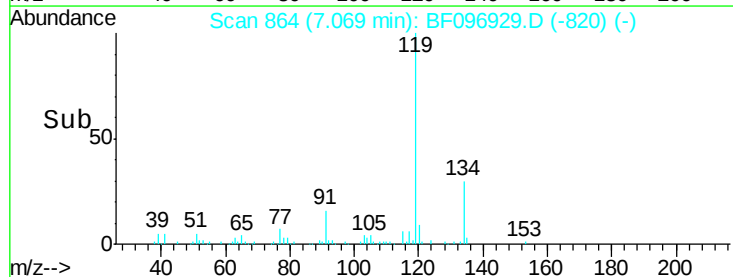
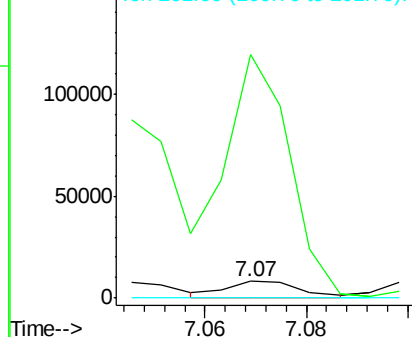


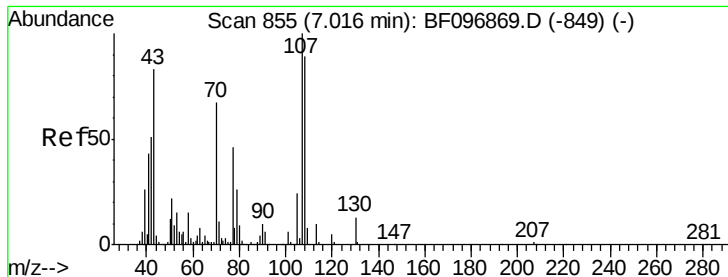
#18
Hexachloroethane
Concen: 2.87 ng
RT: 7.07 min Scan# 864
Delta R.T. -0.04 min
Lab File: BF096929.D
Acq: 21 Jul 2017 3:36

Tgt Ion:117 Resp: 8181
Ion Ratio Lower Upper
117 100
119 1442.2 77.4 116.0#
201 0.0 94.6 141.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#20

3+4-Methylphenols

Concen: 14.87 ng

RT: 7.00 min Scan# 852

Delta R.T. -0.03 min

Lab File: BF096929.D

Acq: 21 Jul 2017 3:36

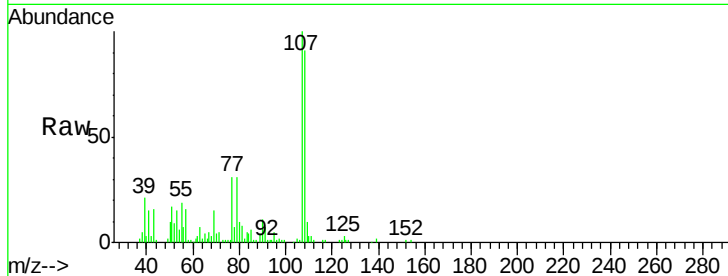
Instrument :

BNA_F

ClientSampleId :

E2-O-P-6-7-BASE

Tgt Ion:	107	Resp:	104617
Ion Ratio	Lower	Upper	
107	100		
108	90.6	71.0	111.0
77	31.3	90.5	130.5#
79	30.7	8.4	48.4

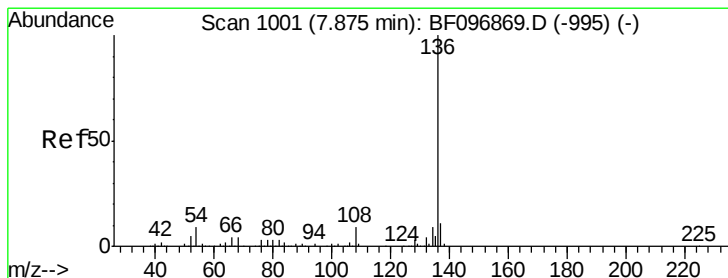
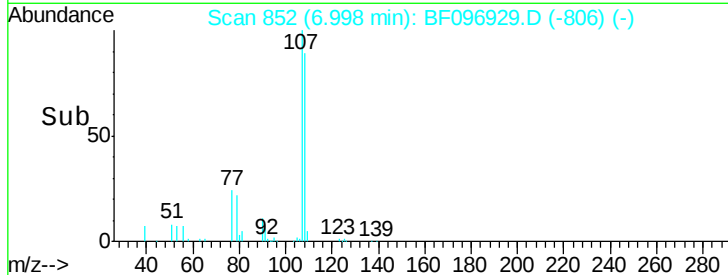
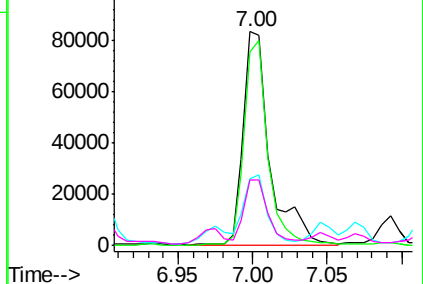


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

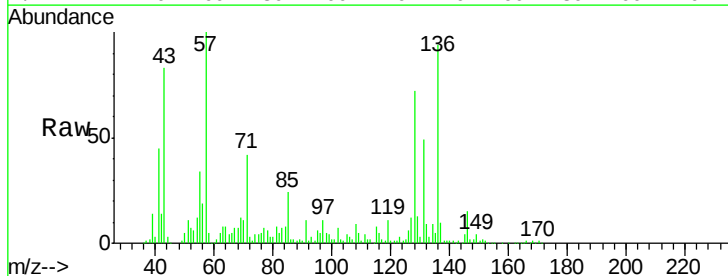
RT: 7.86 min Scan# 999

Delta R.T. -0.02 min

Lab File: BF096929.D

Acq: 21 Jul 2017 3:36

Tgt Ion:	136	Resp:	329265
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.5	12.7
54	12.4	4.9	7.3#
68	7.4	4.1	6.1#

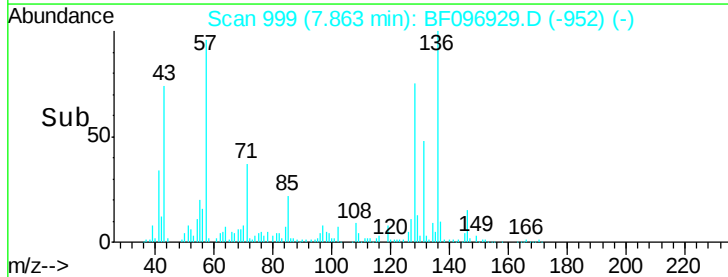
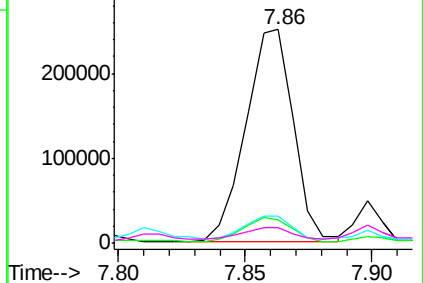


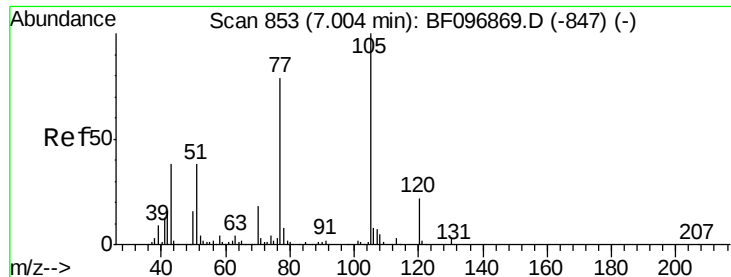
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 6.68 ng

RT: 6.97 min Scan# 848

Delta R.T. -0.04 min

Lab File: BF096929.D

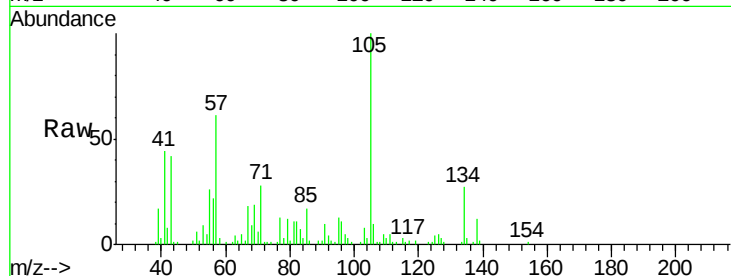
Acq: 21 Jul 2017 3:36

Instrument :

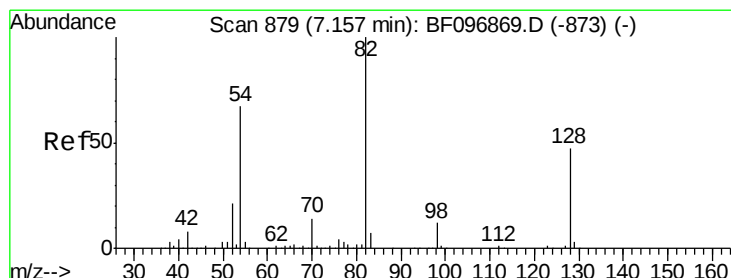
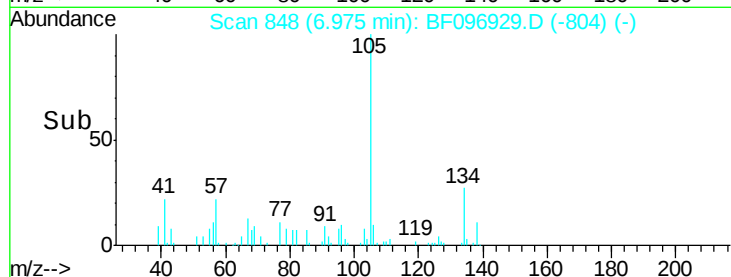
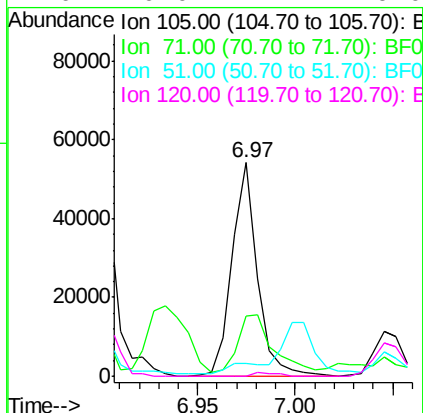
BNA_F

ClientSampleId :

E2-O-P-6-7-BASE



Tgt Ion:	105	Resp:	49166
Ion	Ratio	Lower	Upper
105	100		
71	28.4	2.8	4.2#
51	6.3	30.7	46.1#
120	0.0	17.4	26.0#



#23

Nitrobenzene-d5

Concen: 80.35 ng

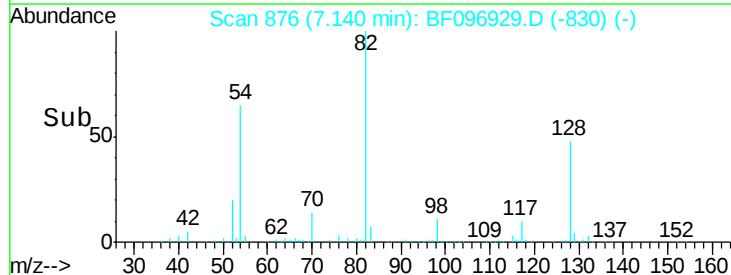
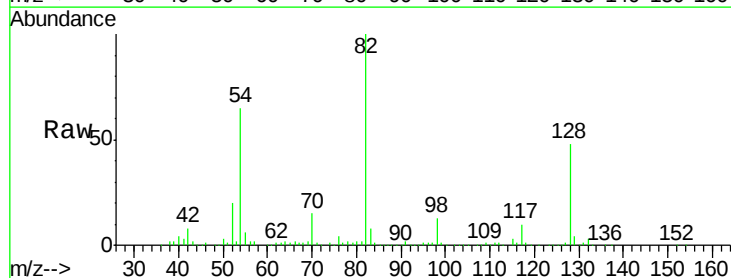
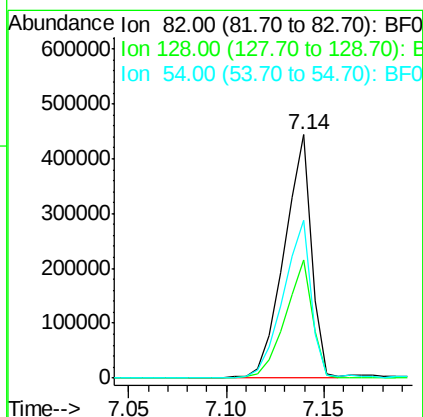
RT: 7.14 min Scan# 876

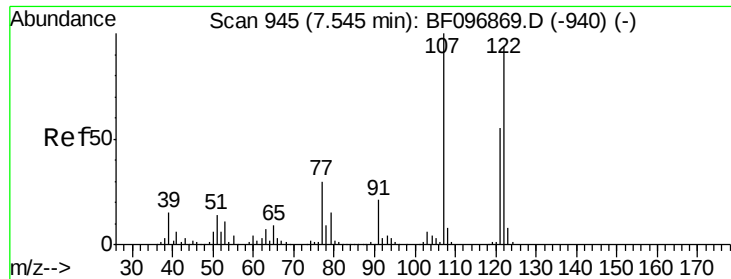
Delta R.T. -0.03 min

Lab File: BF096929.D

Acq: 21 Jul 2017 3:36

Tgt Ion:	82	Resp:	427151
Ion	Ratio	Lower	Upper
82	100		
128	48.4	34.0	51.0
54	64.8	42.2	63.2#

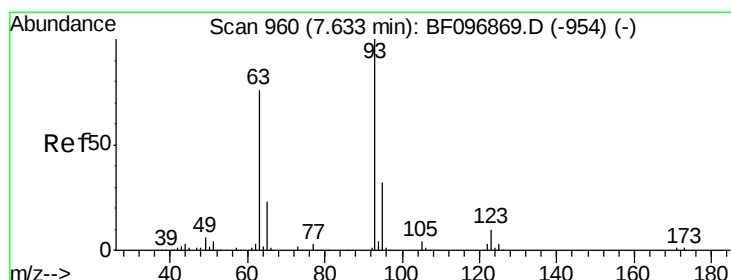
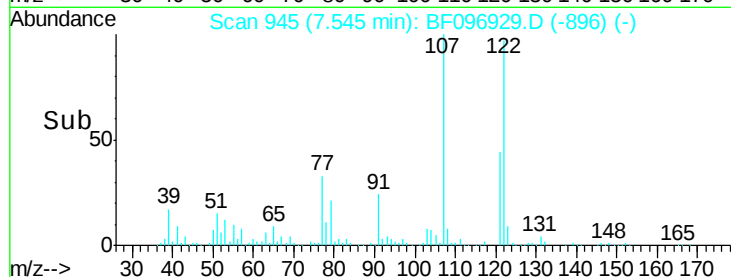
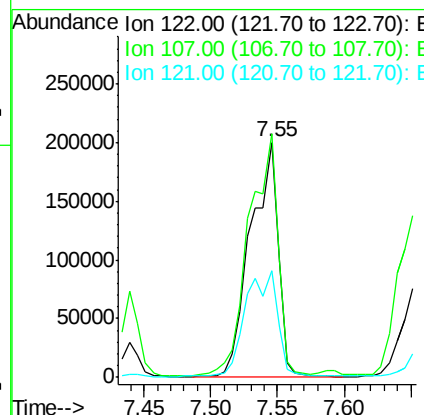
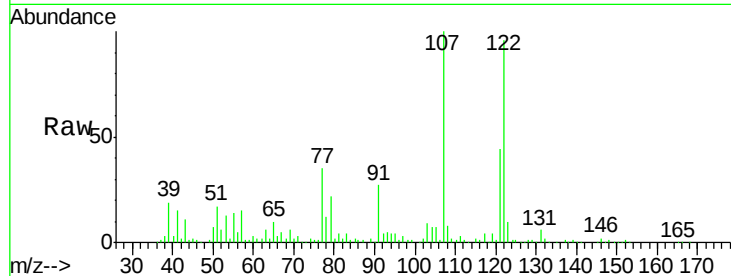




#27
 2,4-Dimethylphenol
 Concen: 56.59 ng
 RT: 7.55 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF096929.D
 Acq: 21 Jul 2017 3:36

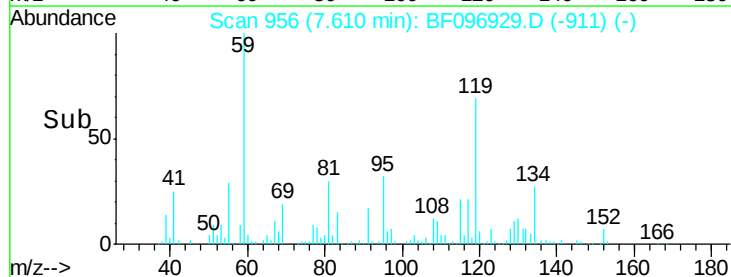
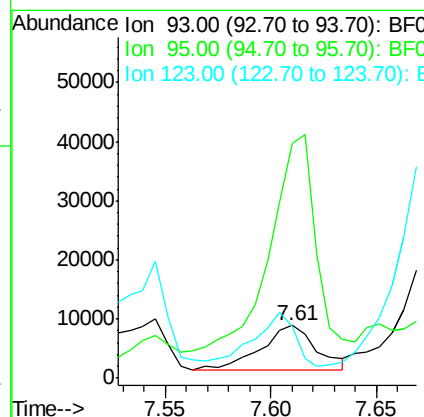
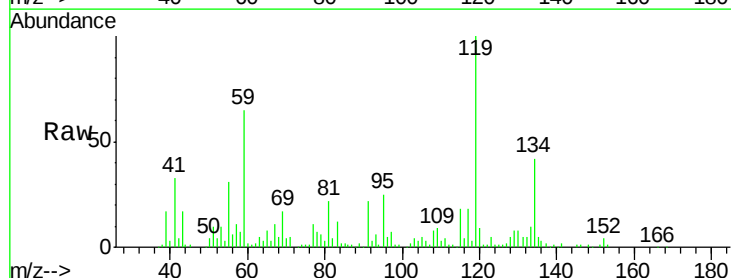
Instrument :
 BNA_F
 ClientSampleId :
 E2-O-P-6-7-BASE

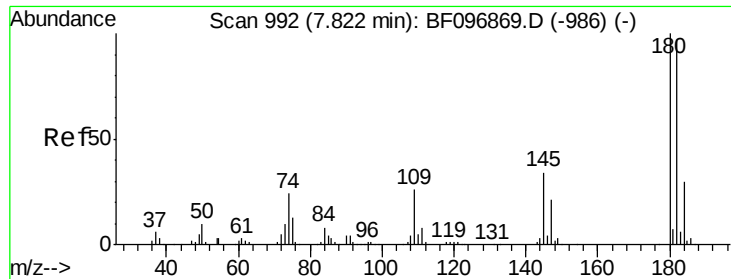
Tgt Ion	Ratio	Lower	Upper
122	100		
107	103.6	89.2	133.8
121	45.2	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 2.02 ng
 RT: 7.61 min Scan# 956
 Delta R.T. -0.04 min
 Lab File: BF096929.D
 Acq: 21 Jul 2017 3:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	447.9	26.5	39.7#
123	98.3	9.0	13.4#

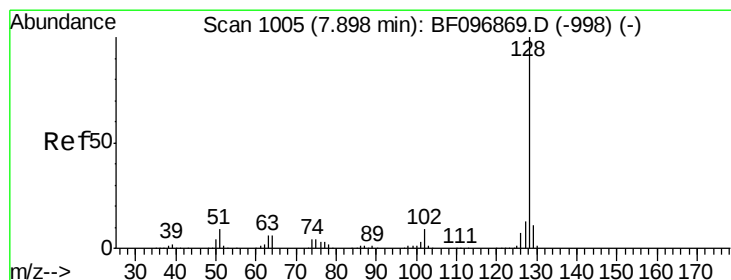
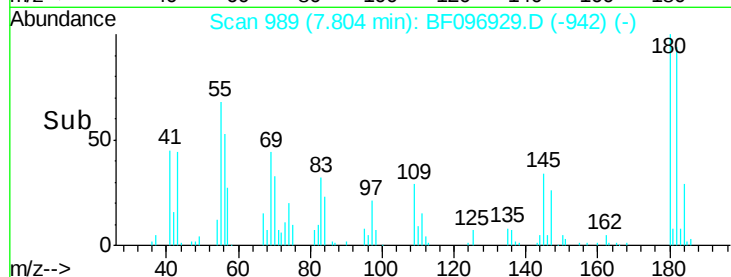
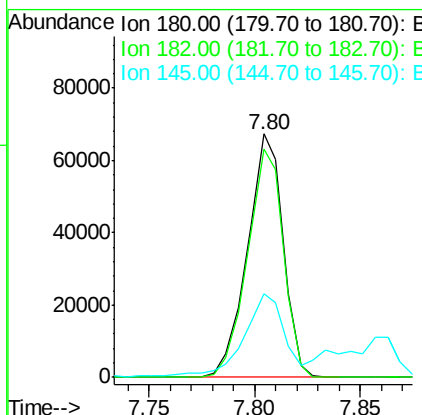
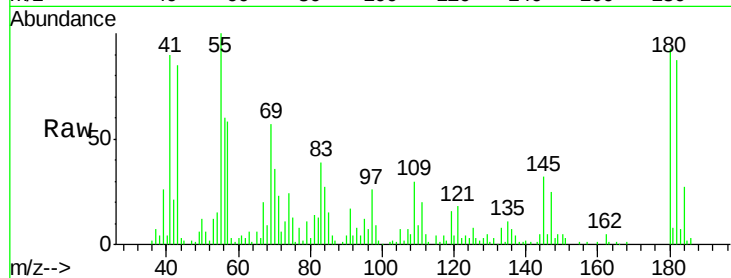




#30
 1,2,4-Trichlorobenzene
 Concen: 18.21 ng
 RT: 7.80 min Scan# 989
 Delta R.T. -0.02 min
 Lab File: BF096929.D
 Acq: 21 Jul 2017 3:36

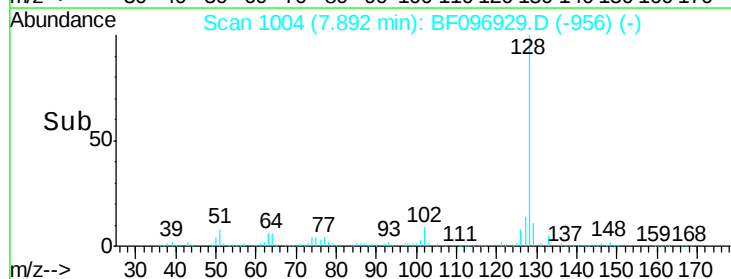
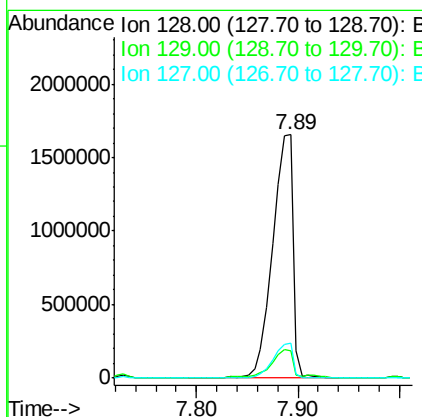
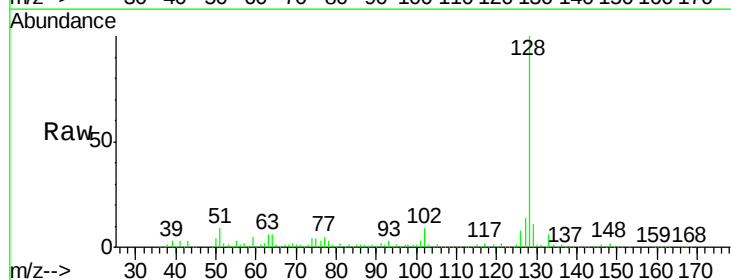
Instrument :
 BNA_F
 ClientSampleId :
 E2-O-P-6-7-BASE

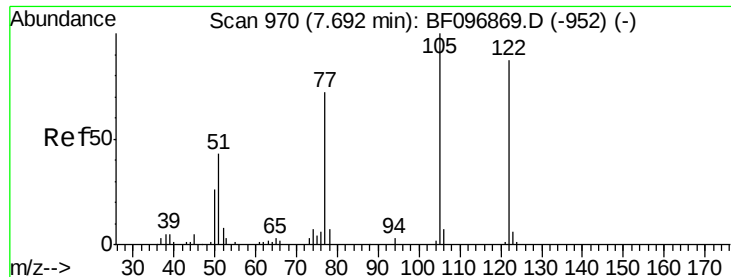
Tgt Ion:180 Resp: 78806
 Ion Ratio Lower Upper
 180 100
 182 93.6 75.8 113.6
 145 34.3 25.3 37.9



#31
 Naphthalene
 Concen: 148.34 ng
 RT: 7.89 min Scan# 1004
 Delta R.T. -0.02 min
 Lab File: BF096929.D
 Acq: 21 Jul 2017 3:36

Tgt Ion:128 Resp: 2313839
 Ion Ratio Lower Upper
 128 100
 129 11.2 9.0 13.6
 127 14.1 10.8 16.2

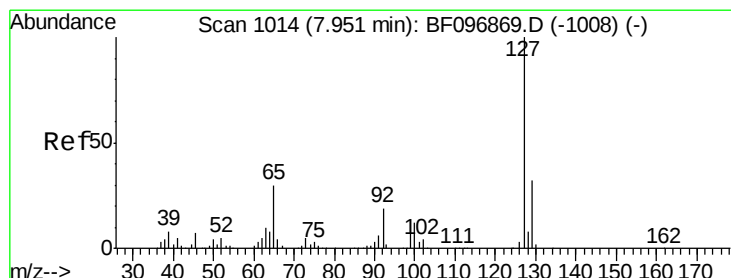
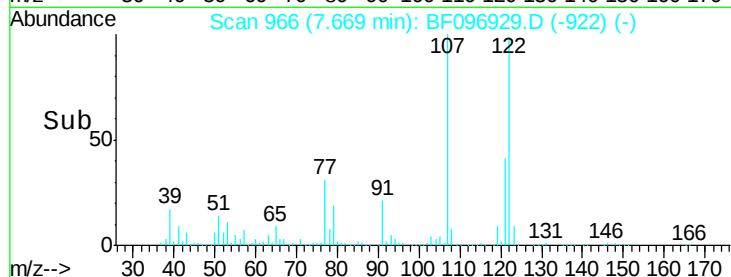
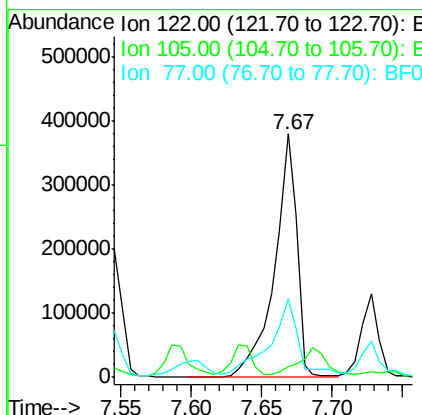
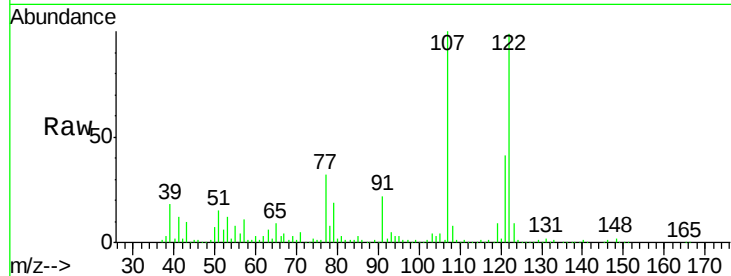




#32
Benzoic acid
Concen: 130.57 ng
RT: 7.67 min Scan# 966
Delta R.T. -0.04 min
Lab File: BF096929.D
Acq: 21 Jul 2017 3:36

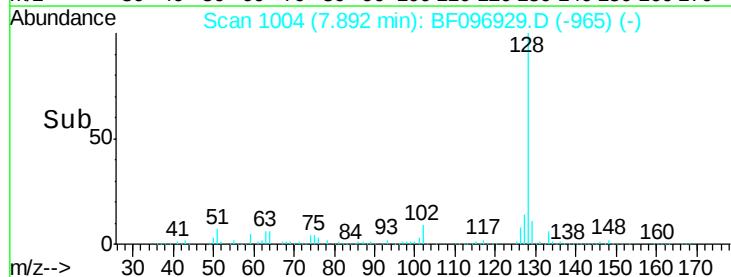
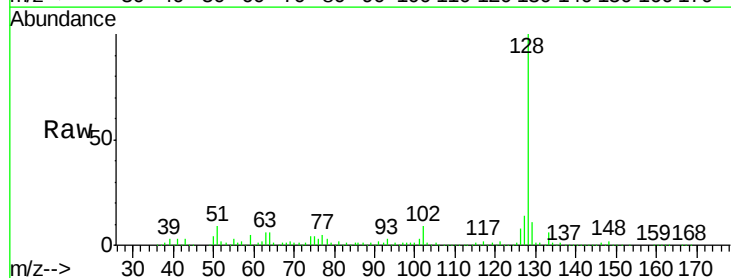
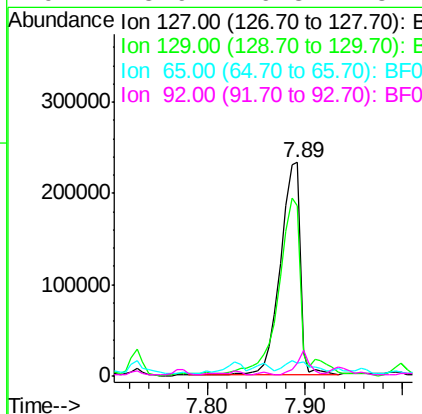
Instrument :
BNA_F
ClientSampleId :
E2-O-P-6-7-BASE

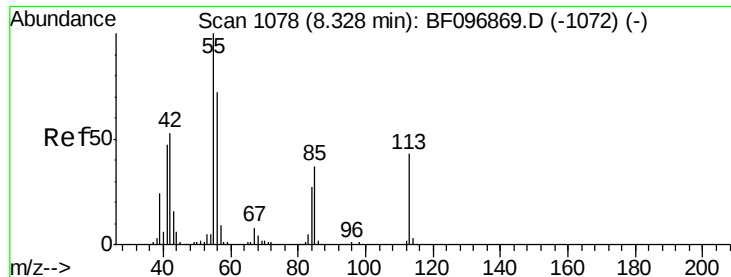
Tgt Ion	Ratio	Lower	Upper
122	100		
105	4.3	103.3	143.3#
77	32.0	73.7	113.7#



#33
4-Chloroaniline
Concen: 54.07 ng
RT: 7.89 min Scan# 1004
Delta R.T. -0.07 min
Lab File: BF096929.D
Acq: 21 Jul 2017 3:36

Tgt Ion	Ratio	Lower	Upper
127	100		
129	79.6	26.2	39.2#
65	5.8	27.8	41.8#
92	5.9	16.8	25.2#





#35

Caprolactam

Concen: 22.17 ng

RT: 8.31 min Scan# 1075

Delta R.T. -0.04 min

Lab File: BF096929.D

Acq: 21 Jul 2017 3:36

Instrument :

BNA_F

ClientSampleId :

E2-O-P-6-7-BASE

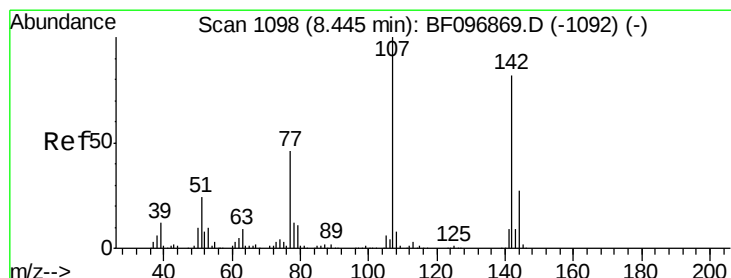
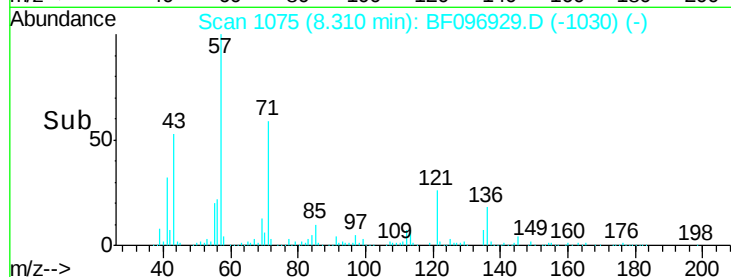
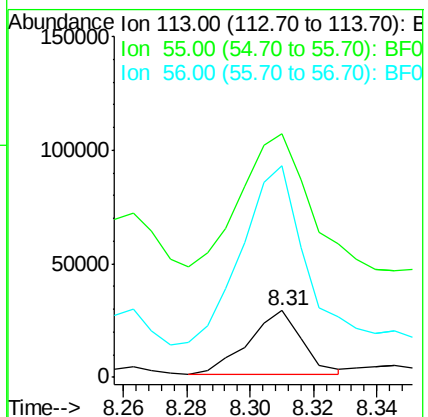
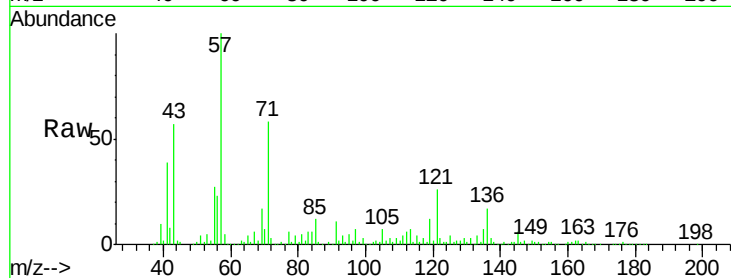
Tgt Ion:113 Resp: 32340

Ion Ratio Lower Upper

113 100

55 366.7 150.2 190.2#

56 319.4 107.8 147.8#



#36

4-Chloro-3-methylphenol

Concen: 3.59 ng

RT: 8.45 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BF096929.D

Acq: 21 Jul 2017 3:36

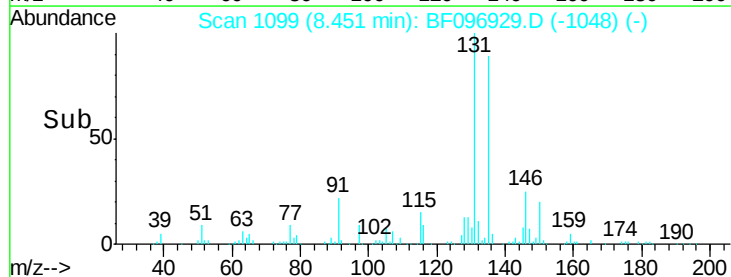
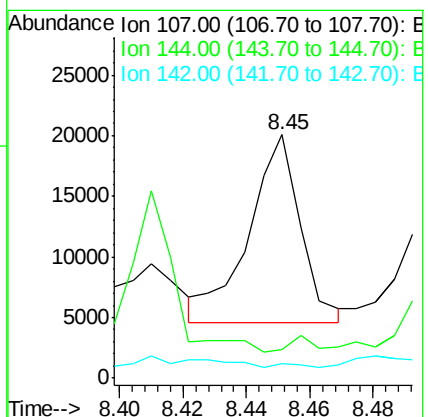
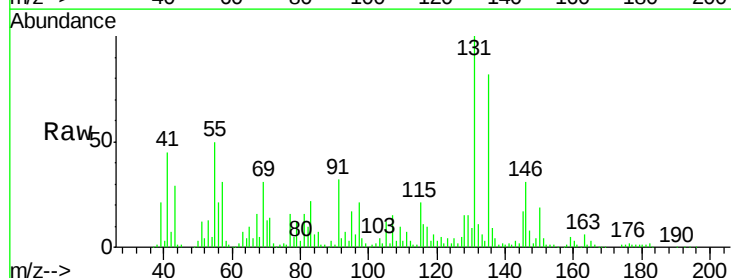
Tgt Ion:107 Resp: 17568

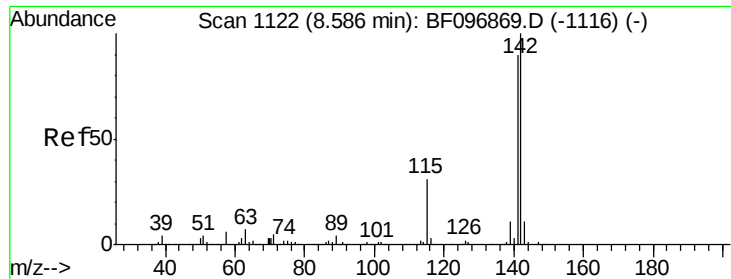
Ion Ratio Lower Upper

107 100

144 11.9 24.2 36.4#

142 5.9 73.4 110.0#

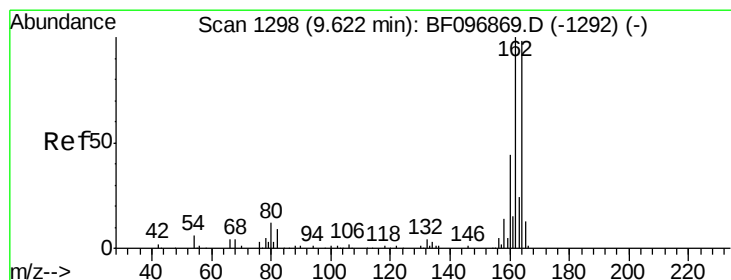
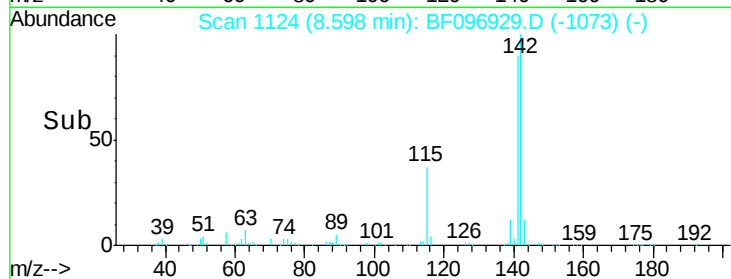
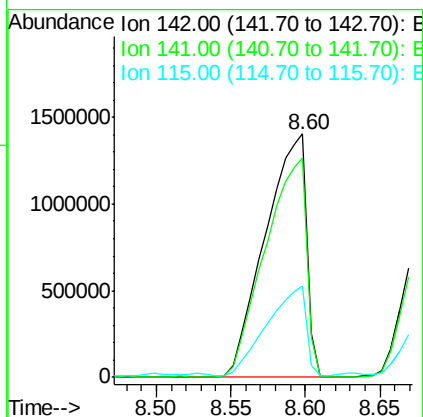
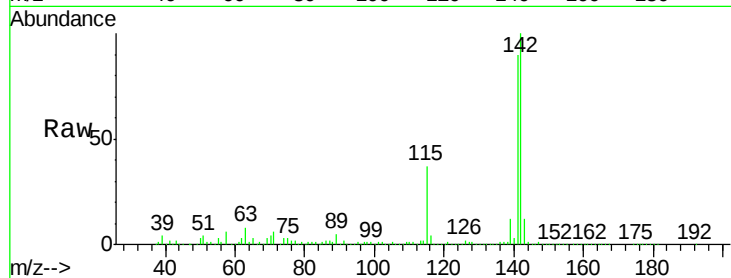




#37
2-Methylnaphthalene
Concen: 272.50 ng
RT: 8.60 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BF096929.D
Acq: 21 Jul 2017 3:36

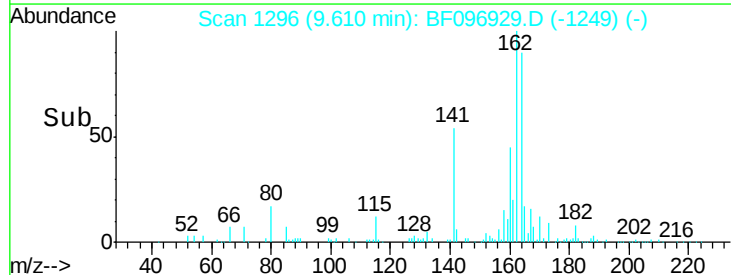
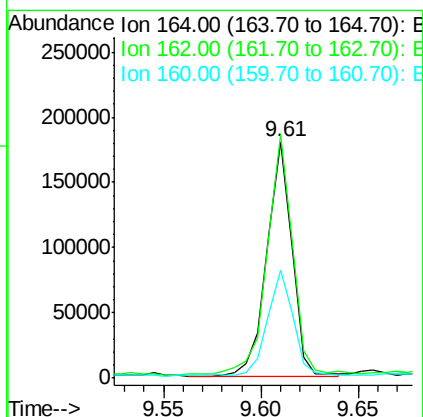
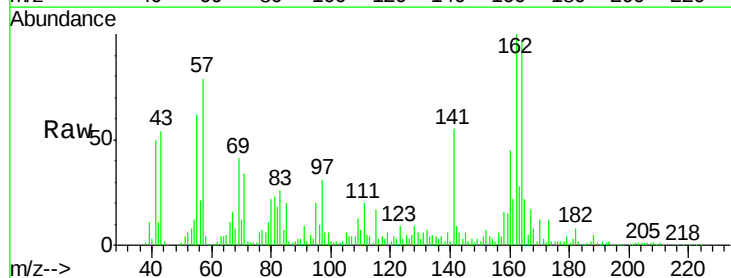
Instrument :
BNA_F
ClientSampleId :
E2-O-P-6-7-BASE

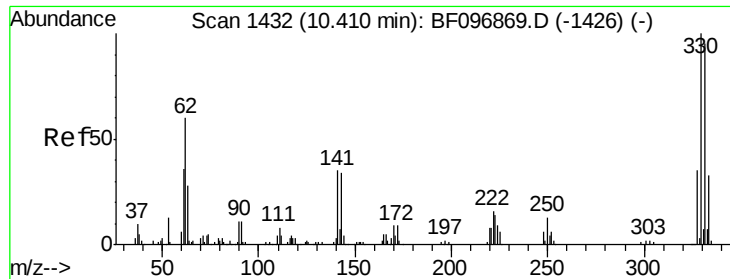
Tgt Ion:142 Resp: 2709814
Ion Ratio Lower Upper
142 100
141 90.2 71.3 106.9
115 37.3 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BF096929.D
Acq: 21 Jul 2017 3:36

Tgt Ion:164 Resp: 161605
Ion Ratio Lower Upper
164 100
162 103.0 82.6 123.8
160 45.9 36.2 54.2

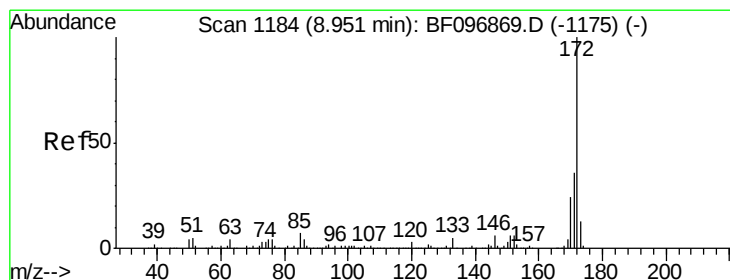
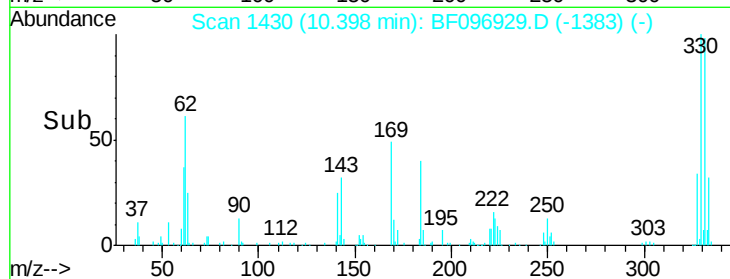
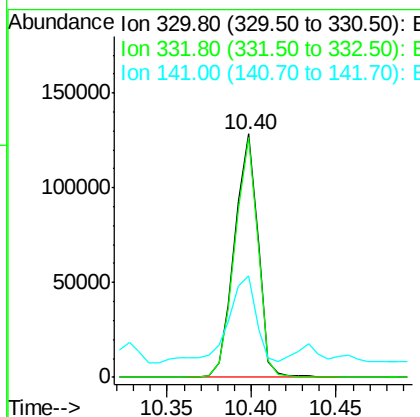
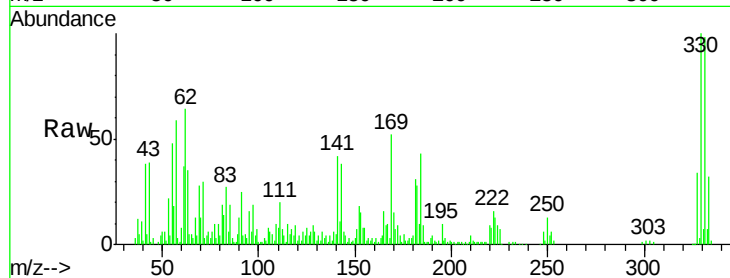




#41
 2,4,6-Tribromophenol
 Concen: 89.68 ng
 RT: 10.40 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF096929.D
 Acq: 21 Jul 2017 3:36

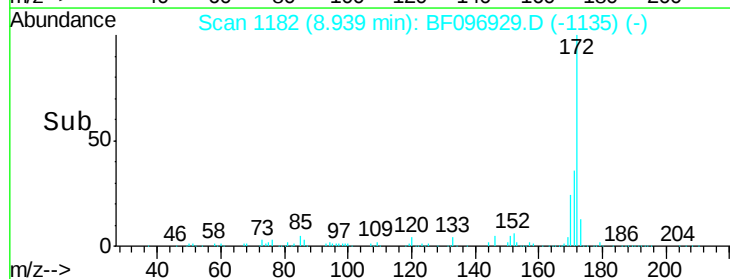
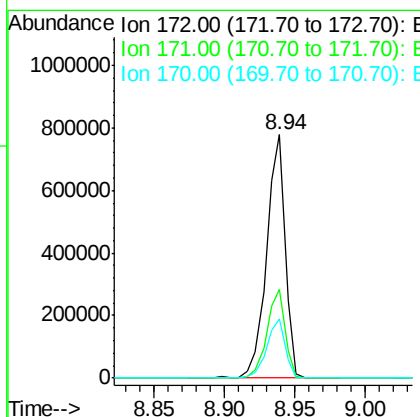
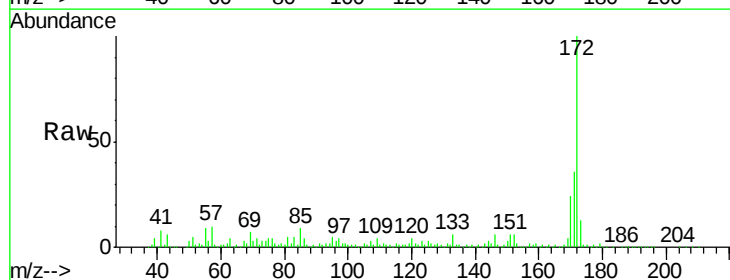
Instrument :
 BNA_F
 ClientSampleId :
 E2-O-P-6-7-BASE

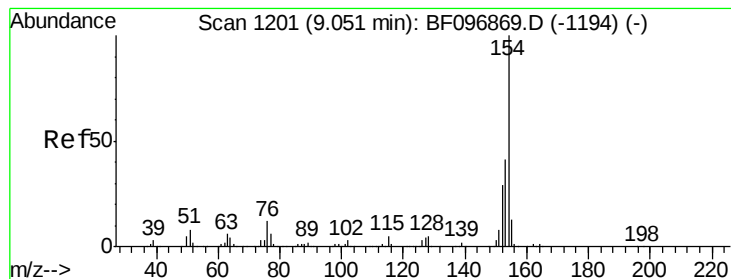
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	44.7	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 71.00 ng
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.02 min
 Lab File: BF096929.D
 Acq: 21 Jul 2017 3:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.1	19.8	29.8





#45

1,1'-Biphenyl

Concen: 35.04 ng

RT: 9.04 min Scan# 1199

Delta R.T. -0.02 min

Lab File: BF096929.D

Acq: 21 Jul 2017 3:36

Instrument :

BNA_F

ClientSampleId :

E2-O-P-6-7-BASE

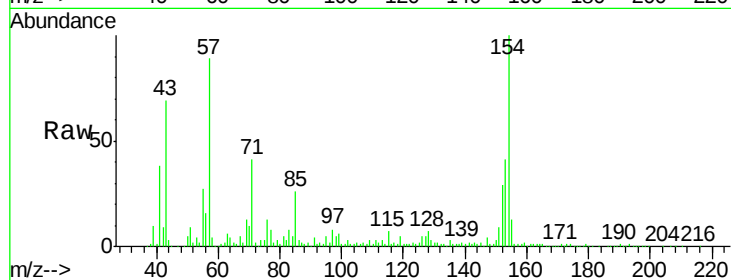
Tgt Ion:154 Resp: 485612

Ion Ratio Lower Upper

154 100

153 41.0 21.2 61.2

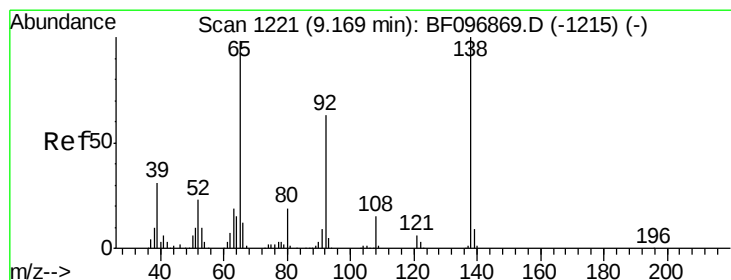
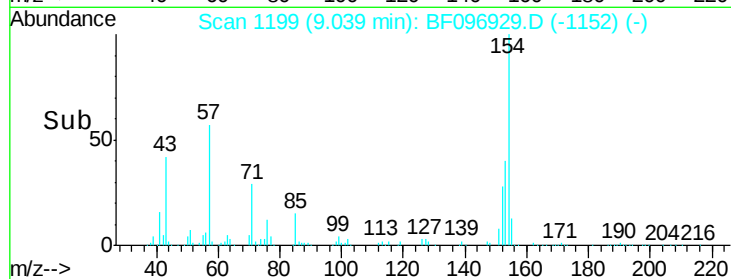
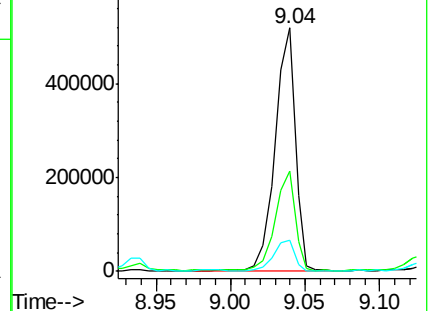
76 12.8 0.0 29.9



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): E



#47

2-Nitroaniline

Concen: 4.49 ng

RT: 9.14 min Scan# 1216

Delta R.T. -0.04 min

Lab File: BF096929.D

Acq: 21 Jul 2017 3:36

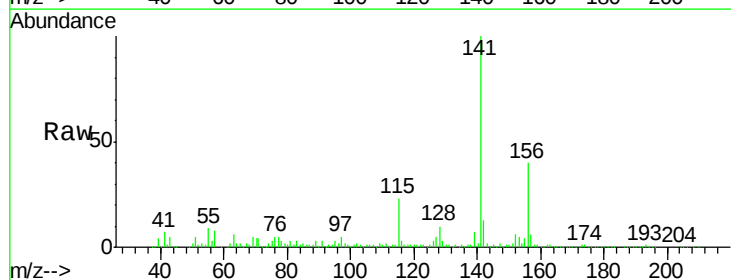
Tgt Ion: 65 Resp: 15751

Ion Ratio Lower Upper

65 100

92 26.4 53.9 80.9#

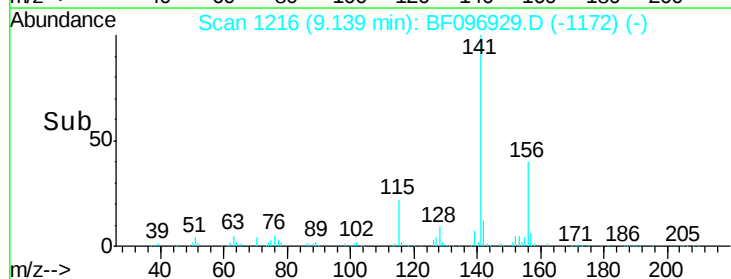
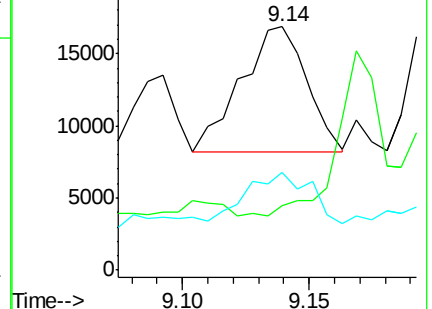
138 40.1 78.8 118.2#

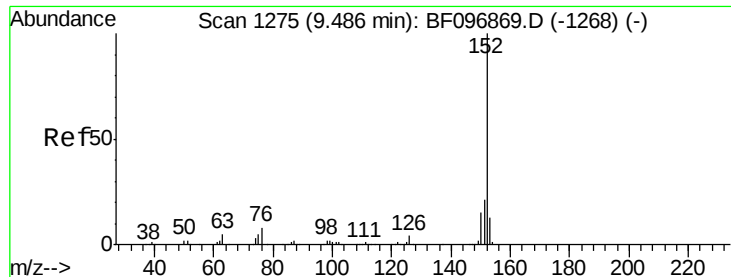


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 3.98 ng

RT: 9.47 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BF096929.D

Acq: 21 Jul 2017 3:36

Instrument :

BNA_F

ClientSampleId :

E2-O-P-6-7-BASE

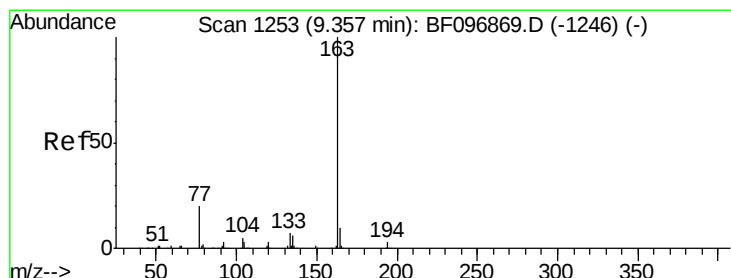
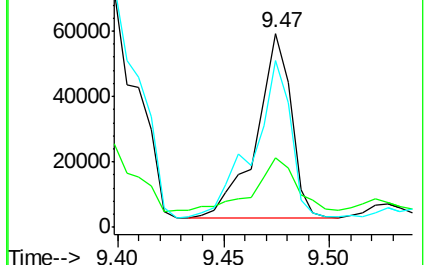
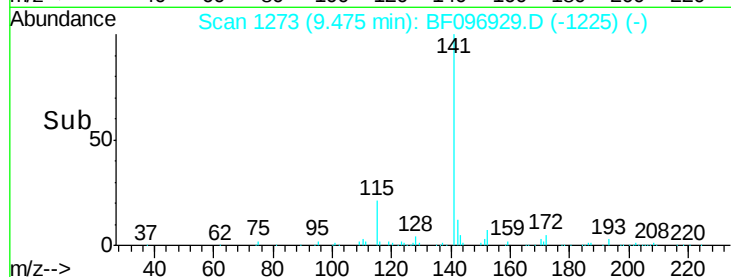
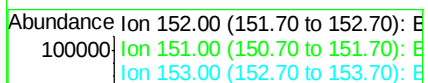
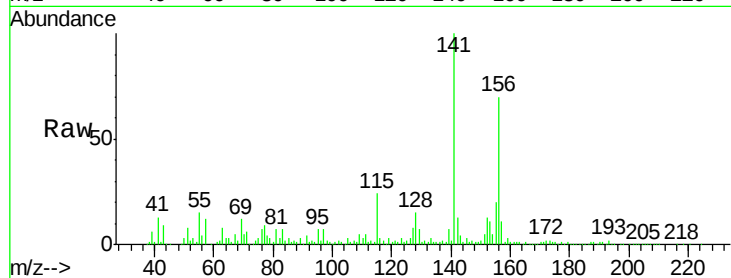
Tgt Ion:152 Resp: 64788

Ion Ratio Lower Upper

152 100

151 36.1 16.8 25.2#

153 85.9 10.8 16.2#



#49

Dimethylphthalate

Concen: 14.83 ng

RT: 9.34 min Scan# 1250

Delta R.T. -0.03 min

Lab File: BF096929.D

Acq: 21 Jul 2017 3:36

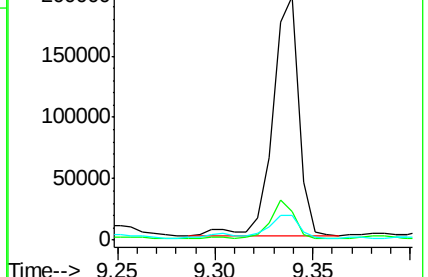
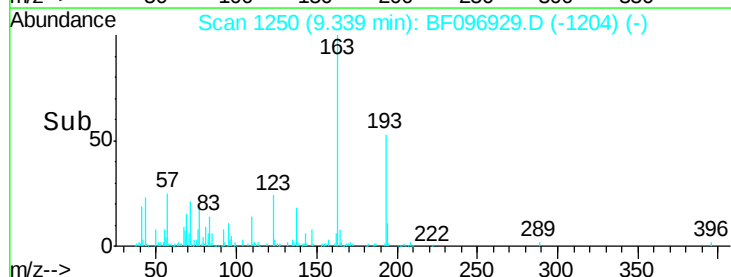
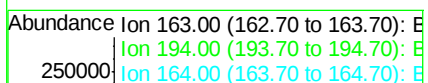
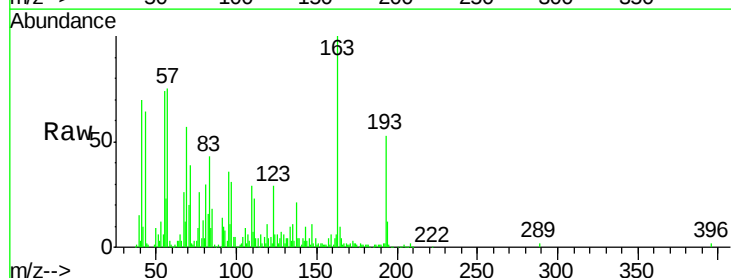
Tgt Ion:163 Resp: 180419

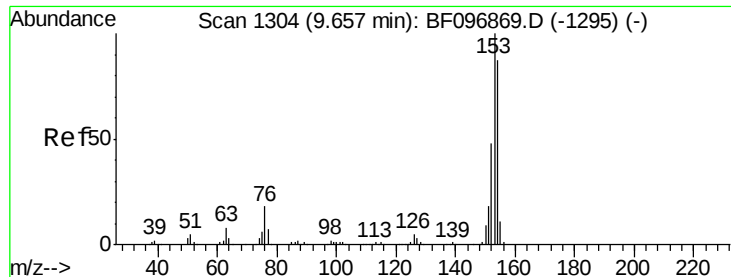
Ion Ratio Lower Upper

163 100

194 11.7 2.6 4.0#

164 10.0 8.4 12.6





#51

Acenaphthene

Concen: 33.90 ng

RT: 9.65 min Scan# 1302

Delta R.T. -0.02 min

Lab File: BF096929.D

Acq: 21 Jul 2017 3:36

Instrument :

BNA_F

ClientSampleId :

E2-O-P-6-7-BASE

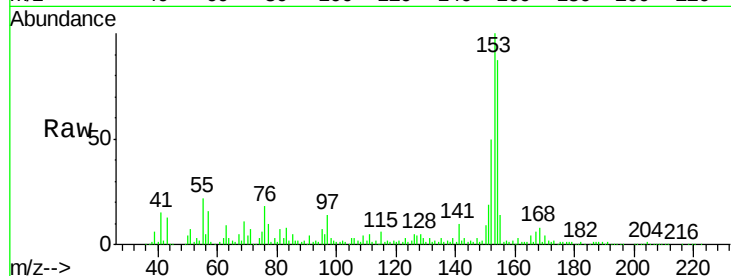
Tgt Ion:154 Resp: 325656

Ion Ratio Lower Upper

154 100

153 115.3 90.5 135.7

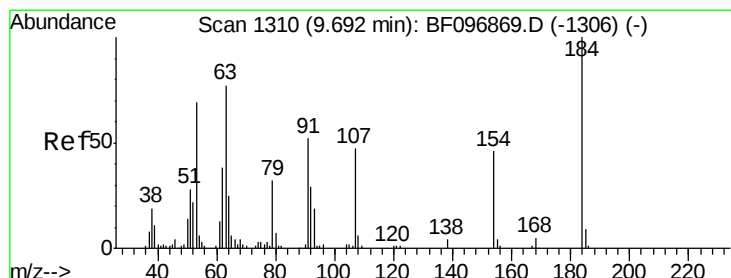
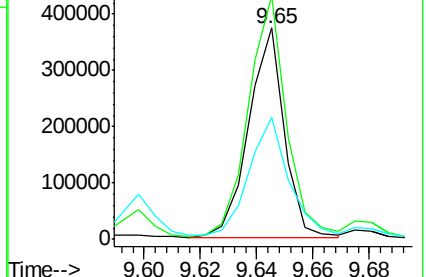
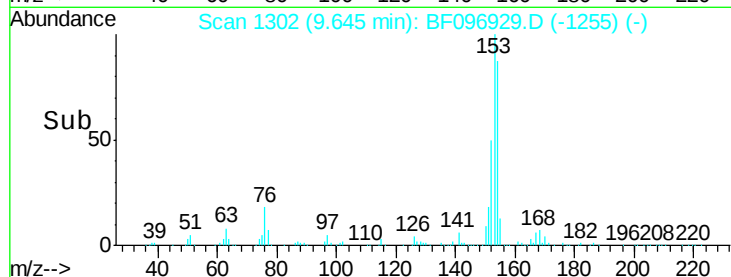
152 57.9 43.6 65.4



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



#53

2,4-Dinitrophenol

Concen: 7.86 ng

RT: 9.66 min Scan# 1304

Delta R.T. -0.05 min

Lab File: BF096929.D

Acq: 21 Jul 2017 3:36

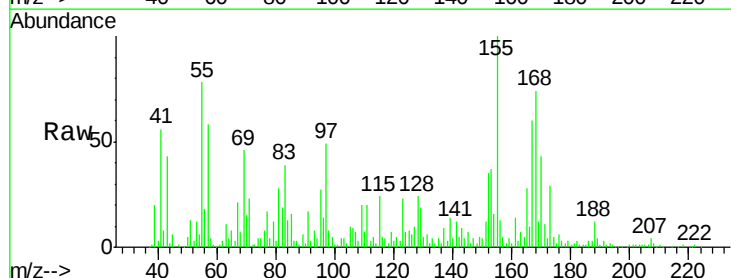
Tgt Ion:184 Resp: 1590

Ion Ratio Lower Upper

184 100

63 1829.4 62.7 94.1#

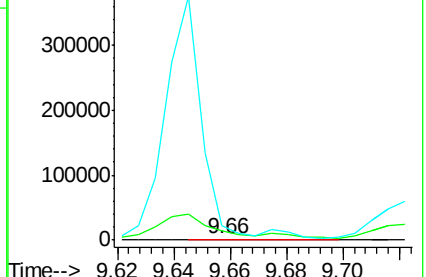
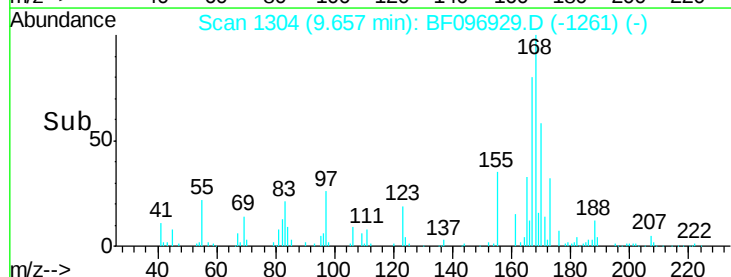
154 2641.3 81.1 121.7#

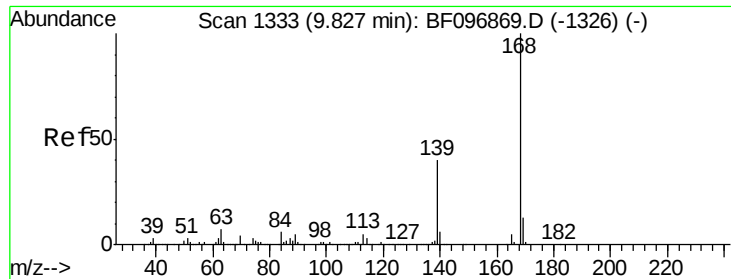


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

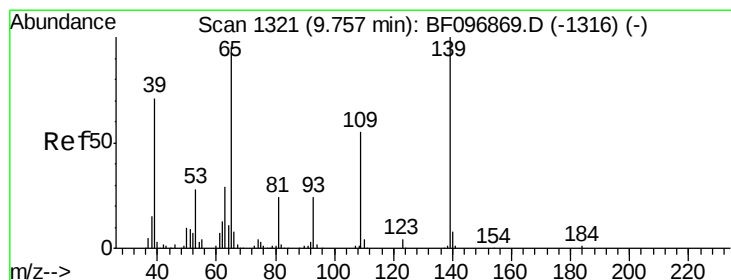
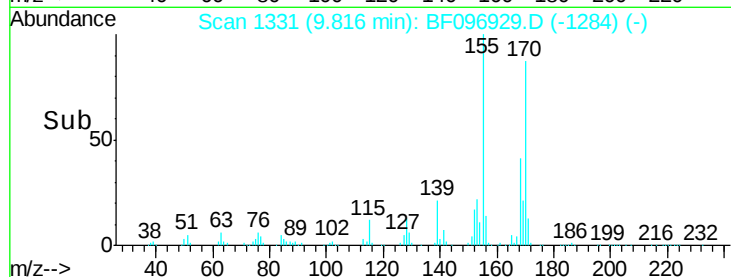
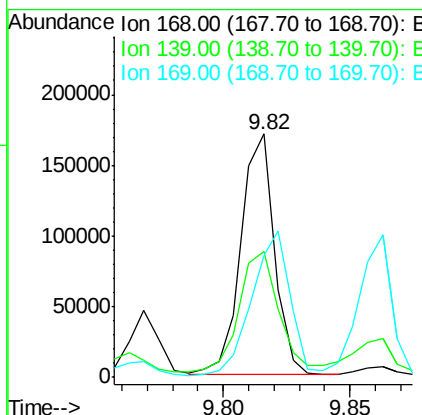
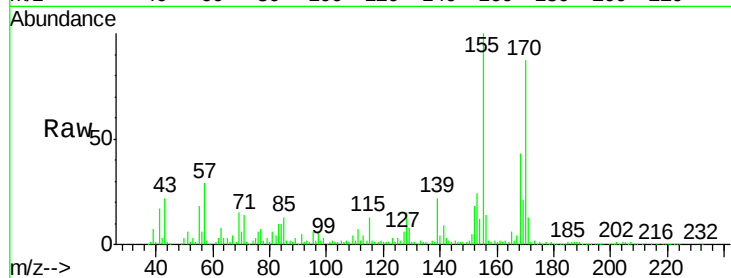




#54
Dibenzenofuran
Concen: 11.68 ng
RT: 9.82 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF096929.D
Acq: 21 Jul 2017 3:36

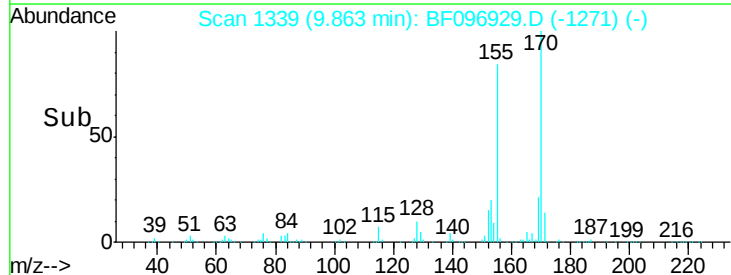
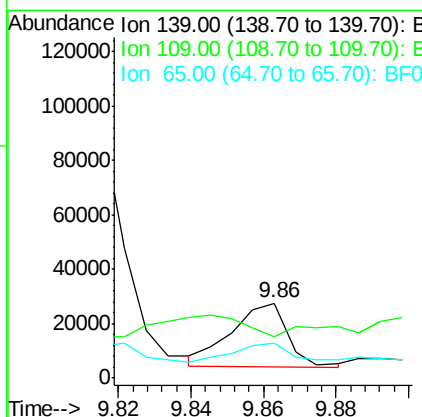
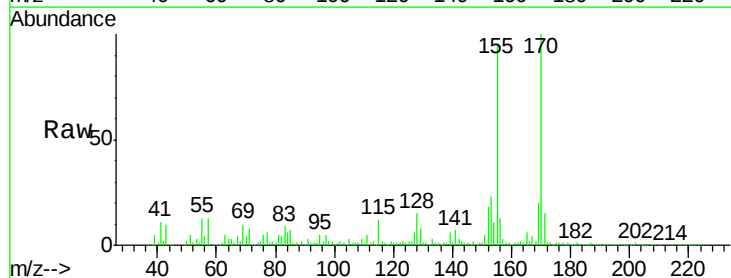
Instrument :
BNA_F
ClientSampleId :
E2-O-P-6-7-BASE

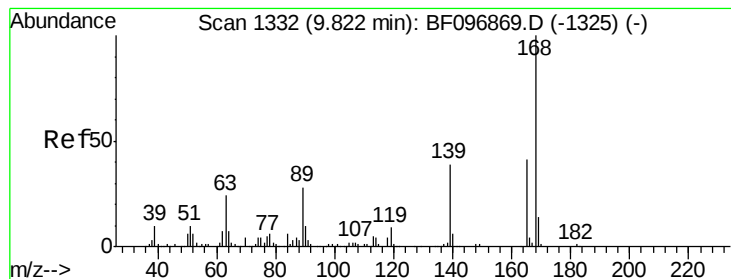
Tgt Ion:168 Resp: 157288
Ion Ratio Lower Upper
168 100
139 51.9 30.6 45.8#
169 49.9 10.8 16.2#



#55
4-Nitrophenol
Concen: 10.97 ng
RT: 9.86 min Scan# 1339
Delta R.T. 0.10 min
Lab File: BF096929.D
Acq: 21 Jul 2017 3:36

Tgt Ion:139 Resp: 25024
Ion Ratio Lower Upper
139 100
109 55.8 34.1 74.1
65 46.7 31.4 71.4





#56

2,4-Dinitrotoluene

Concen: 2.93 ng

RT: 9.79 min Scan# 1327

Delta R.T. -0.04 min

Lab File: BF096929.D

Acq: 21 Jul 2017 3:36

Instrument :

BNA_F

ClientSampleId :

E2-O-P-6-7-BASE

Tgt Ion:165 Resp: 9933

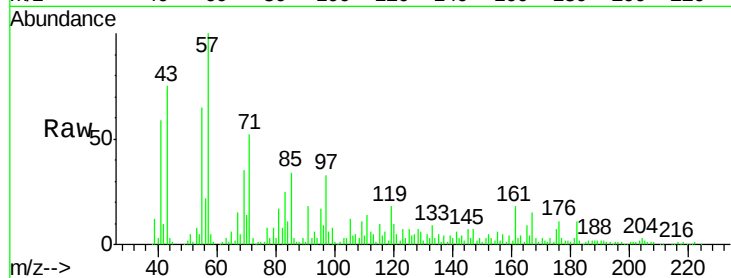
Ion Ratio Lower Upper

165 100

63 36.0 25.4 38.0

89 32.4 46.4 69.6#

182 119.8 1.8 2.6#

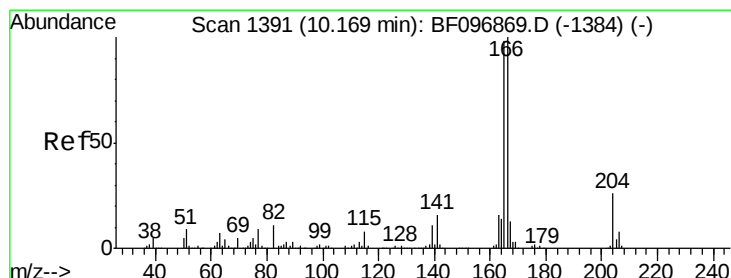
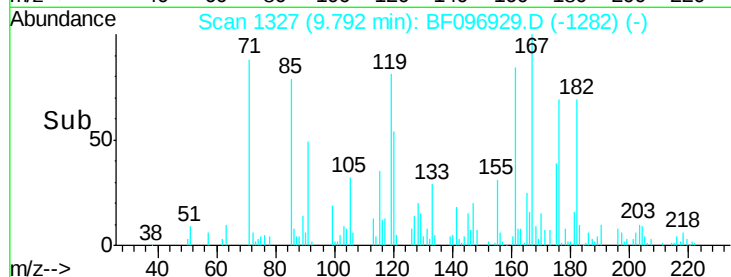
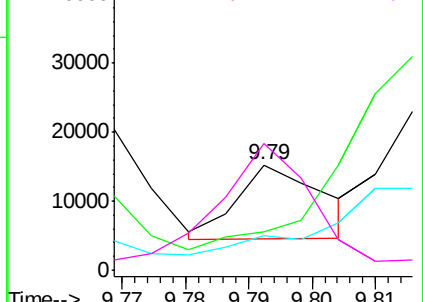


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 22.05 ng

RT: 10.16 min Scan# 1389

Delta R.T. -0.02 min

Lab File: BF096929.D

Acq: 21 Jul 2017 3:36

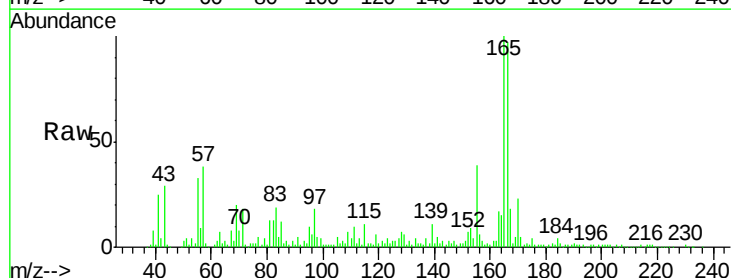
Tgt Ion:166 Resp: 219351

Ion Ratio Lower Upper

166 100

165 103.6 78.8 118.2

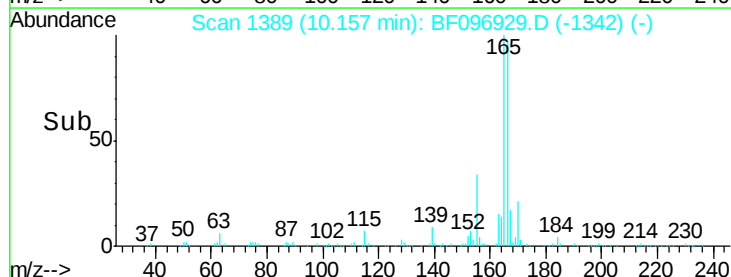
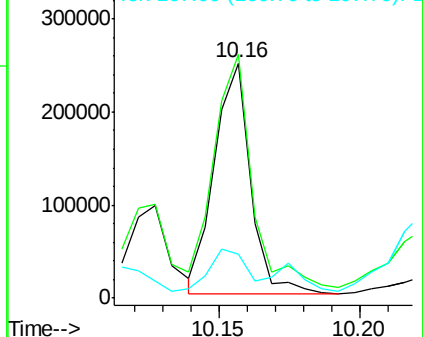
167 18.6 10.6 16.0#

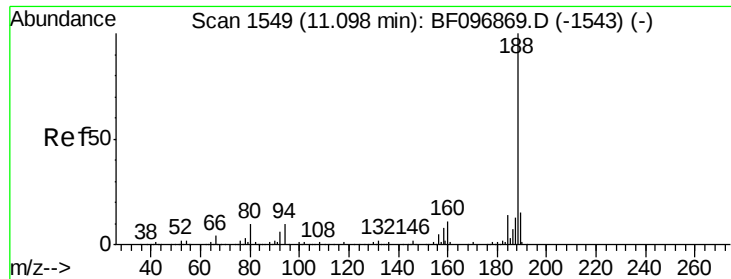


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

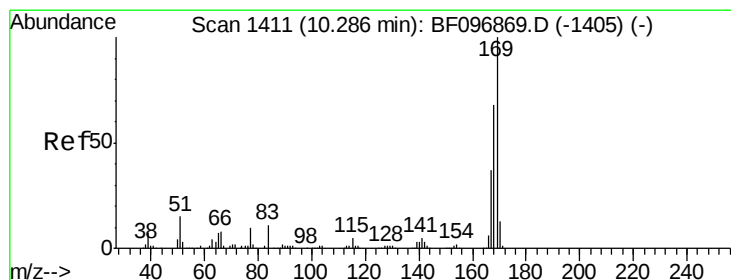
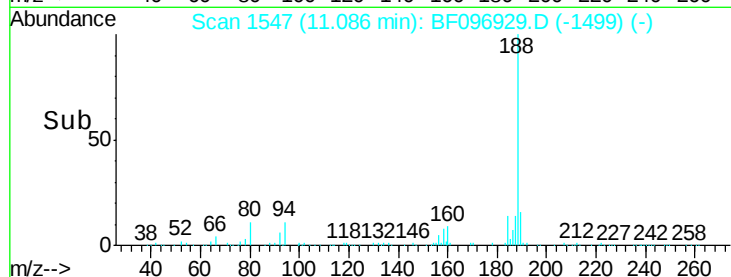
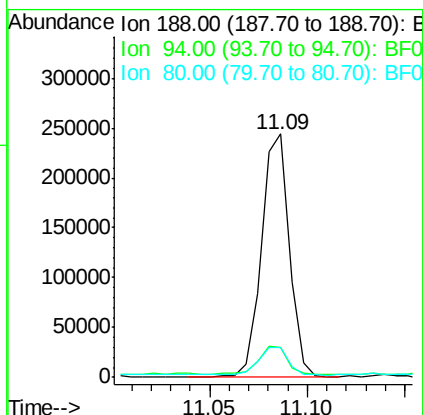
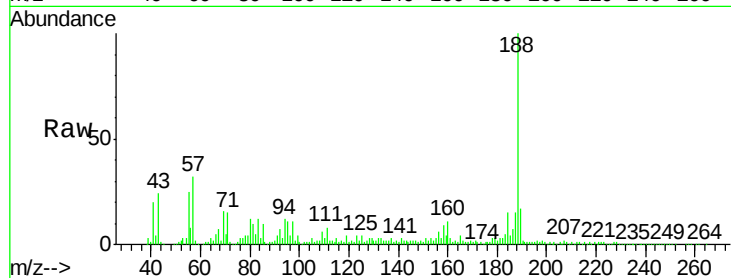




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF096929.D
Acq: 21 Jul 2017 3:36

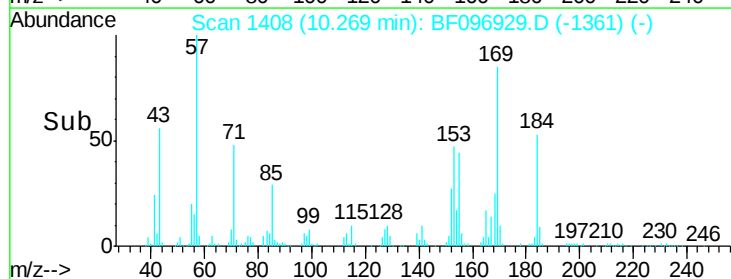
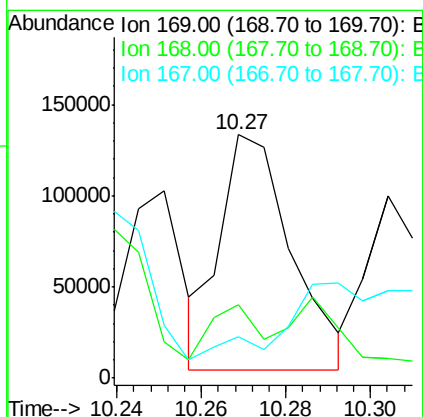
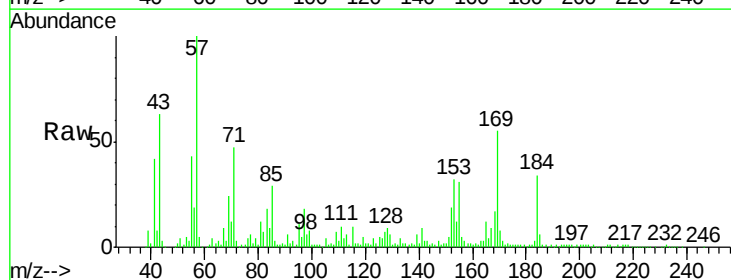
Instrument :
BNA_F
ClientSampleId :
E2-O-P-6-7-BASE

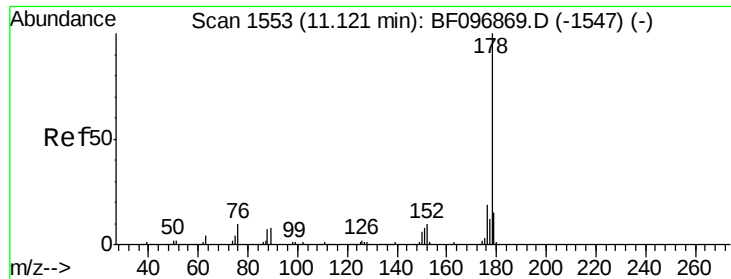
Tgt Ion:188 Resp: 238898
Ion Ratio Lower Upper
188 100
94 12.2 9.4 14.2
80 12.0 10.2 15.2



#65
n-Nitrosodiphenylamine
Concen: 17.72 ng
RT: 10.27 min Scan# 1408
Delta R.T. -0.02 min
Lab File: BF096929.D
Acq: 21 Jul 2017 3:36

Tgt Ion:169 Resp: 151339
Ion Ratio Lower Upper
169 100
168 30.2 53.2 79.8#
167 17.2 29.5 44.3#

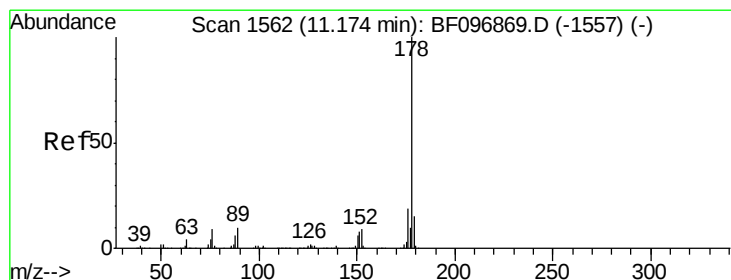
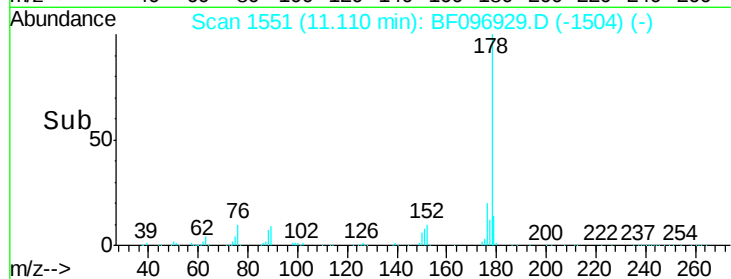
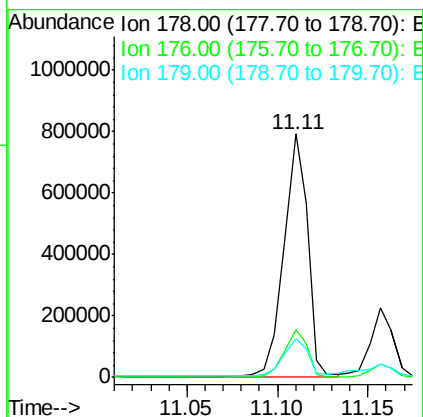
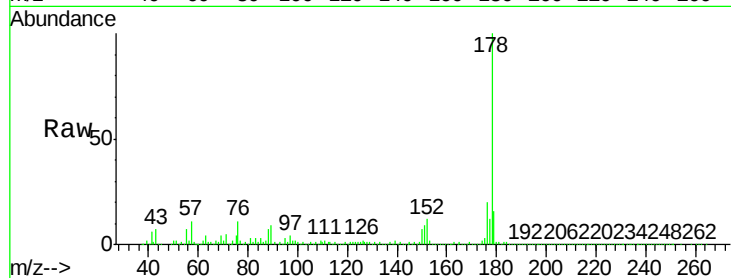




#70
Phenanthrene
Concen: 55.38 ng
RT: 11.11 min Scan# 1551
Delta R.T. -0.02 min
Lab File: BF096929.D
Acq: 21 Jul 2017 3:36

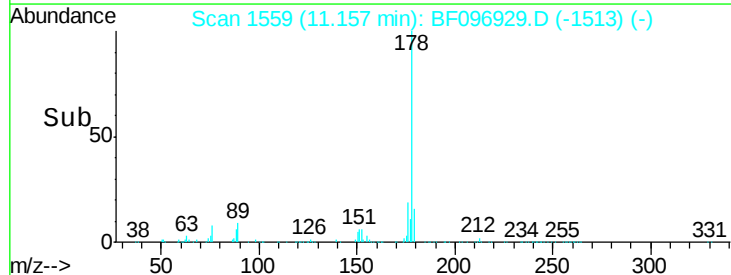
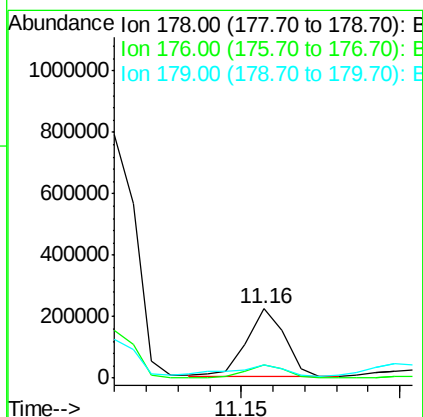
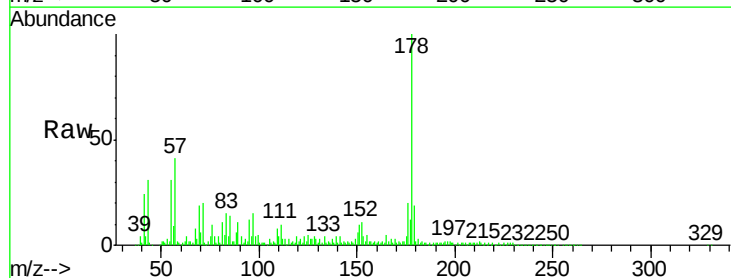
Instrument :
BNA_F
ClientSampleId :
E2-O-P-6-7-BASE

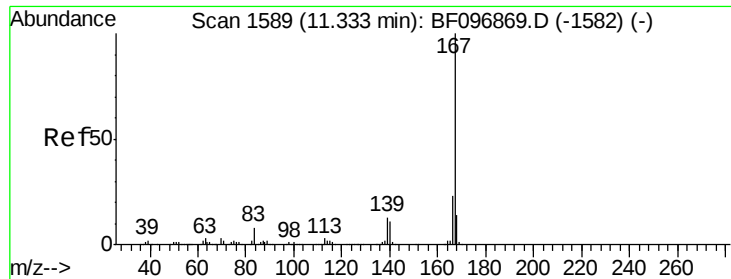
Tgt Ion:178 Resp: 719415
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.4
179 15.8 12.6 19.0



#71
Anthracene
Concen: 14.15 ng
RT: 11.16 min Scan# 1559
Delta R.T. -0.03 min
Lab File: BF096929.D
Acq: 21 Jul 2017 3:36

Tgt Ion:178 Resp: 185830
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.8
179 18.6 12.7 19.1





#72

Carbazole

Concen: 4.10 ng

RT: 11.31 min Scan# 1585

Delta R.T. -0.03 min

Lab File: BF096929.D

Acq: 21 Jul 2017 3:36

Instrument :

BNA_F

ClientSampleId :

E2-O-P-6-7-BASE

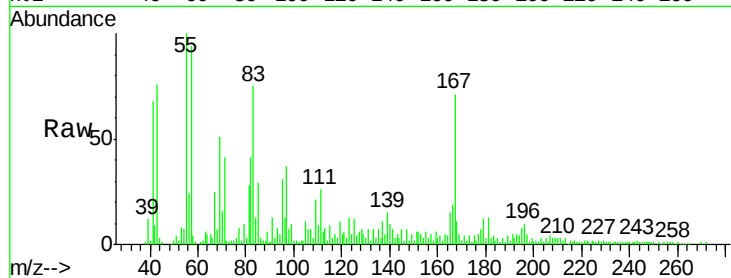
Tgt Ion:167 Resp: 52139

Ion Ratio Lower Upper

167 100

166 26.2 18.1 27.1

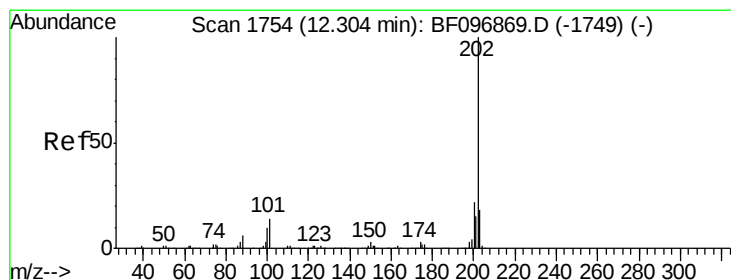
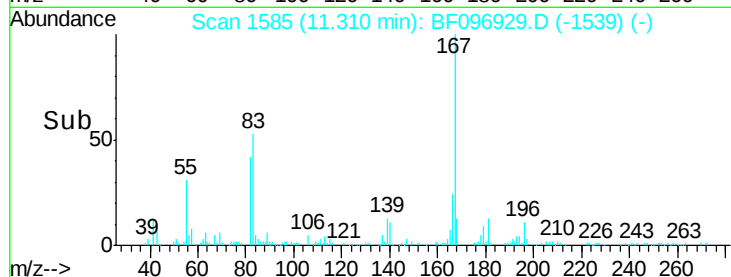
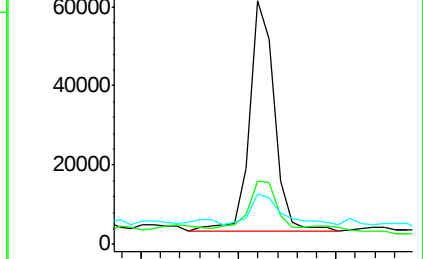
139 20.6 11.7 17.5#



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: 30.53 ng

RT: 12.29 min Scan# 1752

Delta R.T. -0.02 min

Lab File: BF096929.D

Acq: 21 Jul 2017 3:36

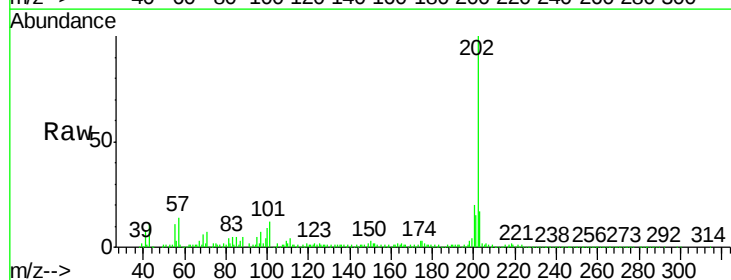
Tgt Ion:202 Resp: 379593

Ion Ratio Lower Upper

202 100

101 12.2 0.0 33.2

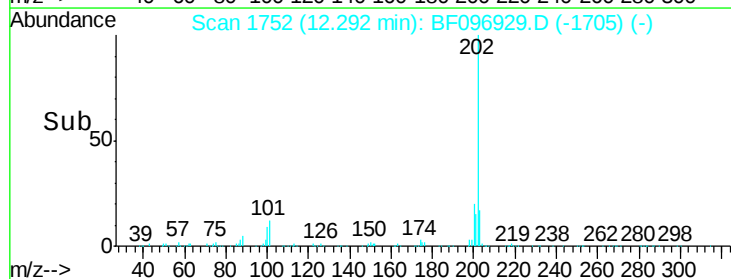
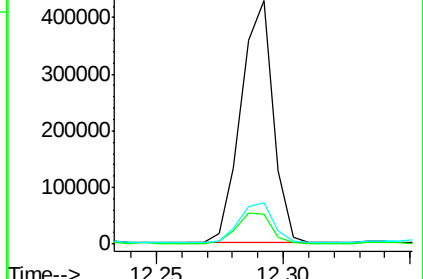
203 17.1 0.0 38.1

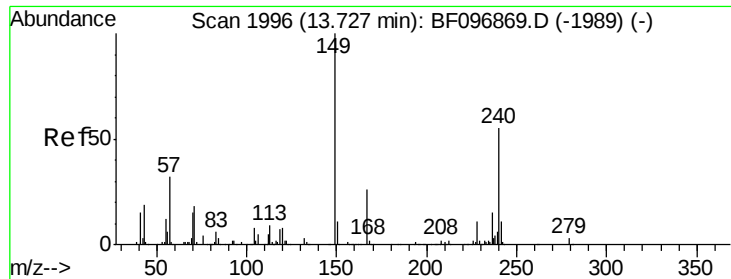


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF096929.D

Acq: 21 Jul 2017 3:36

Instrument :

BNA_F

ClientSampleId :

E2-O-P-6-7-BASE

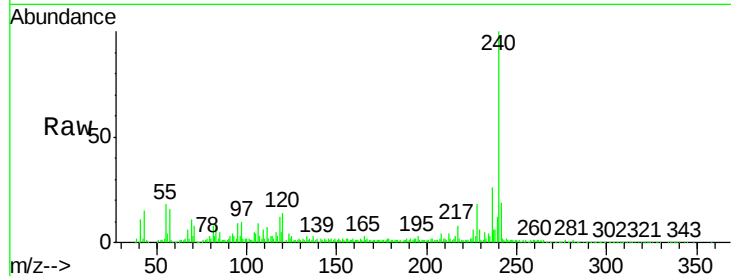
Tgt Ion:240 Resp: 165975

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

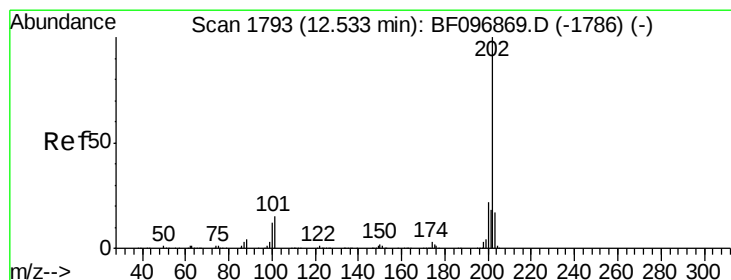
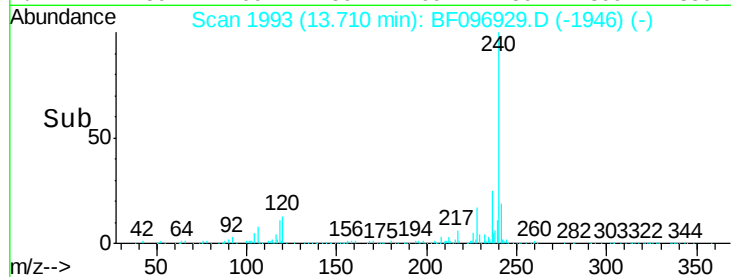
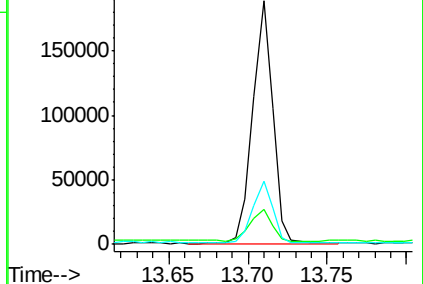
236 25.9 20.5 30.7



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



#77

Pyrene

Concen: 24.01 ng

RT: 12.52 min Scan# 1790

Delta R.T. -0.02 min

Lab File: BF096929.D

Acq: 21 Jul 2017 3:36

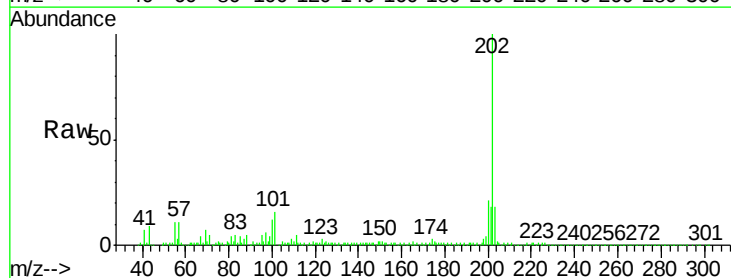
Tgt Ion:202 Resp: 361693

Ion Ratio Lower Upper

202 100

200 21.1 17.6 26.4

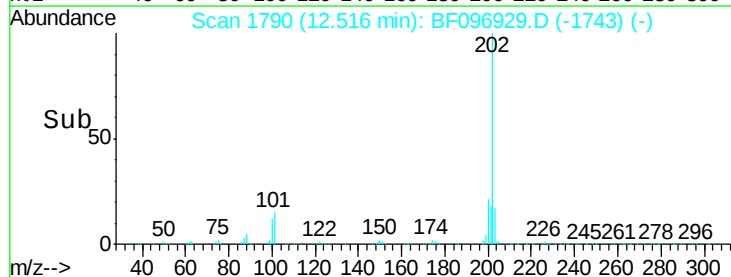
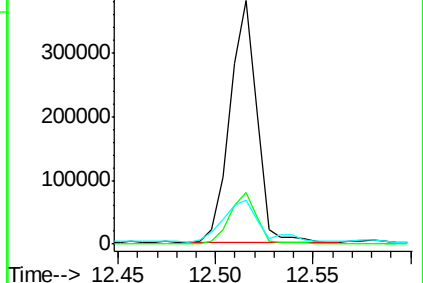
203 18.2 14.4 21.6

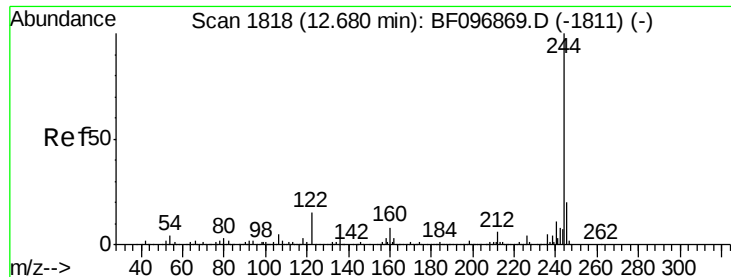


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

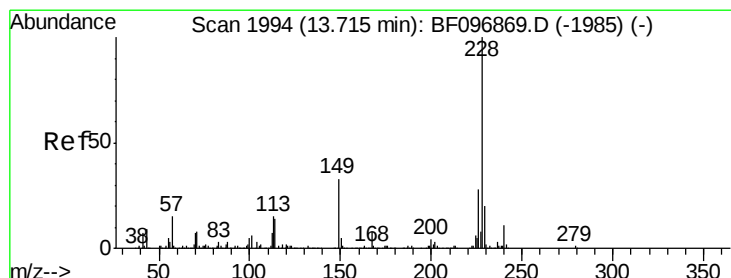
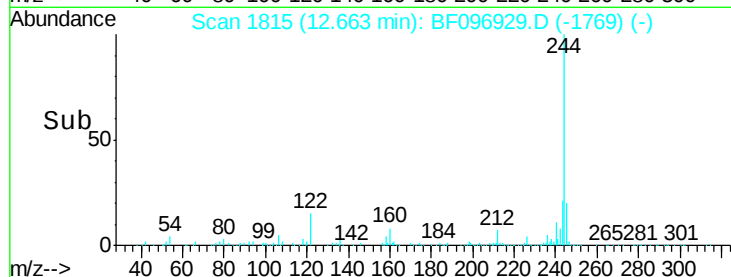
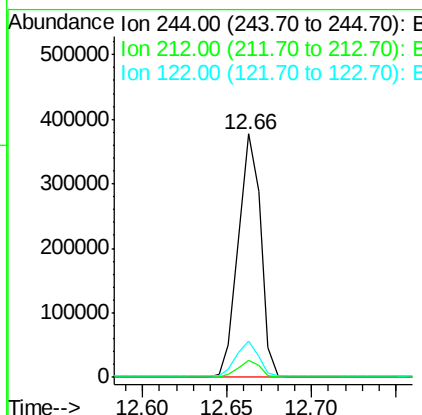
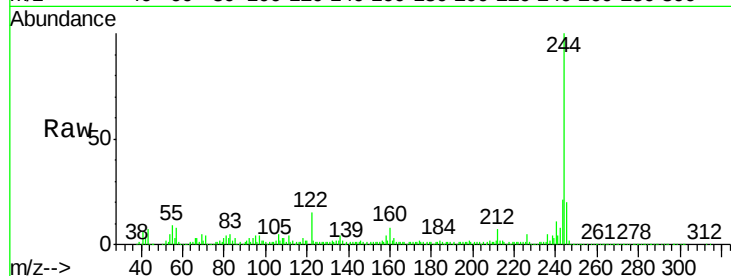




#78
 Terphenyl-d14
 Concen: 36.30 ng
 RT: 12.66 min Scan# 1815
 Delta R.T. -0.03 min
 Lab File: BF096929.D
 Acq: 21 Jul 2017 3:36

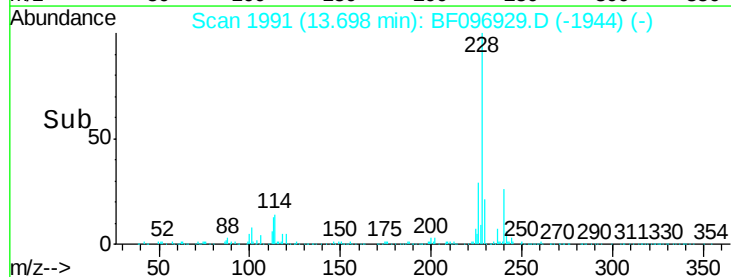
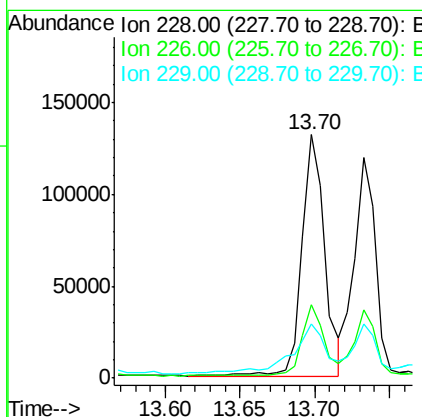
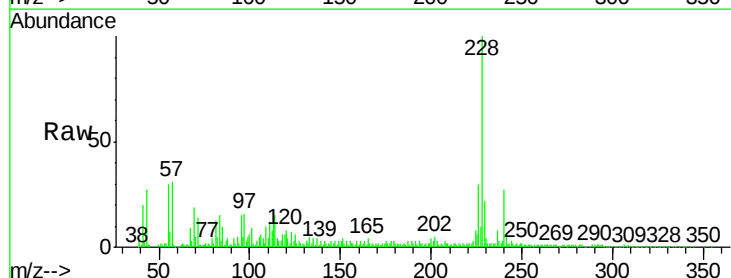
Instrument :
 BNA_F
 ClientSampleId :
 E2-O-P-6-7-BASE

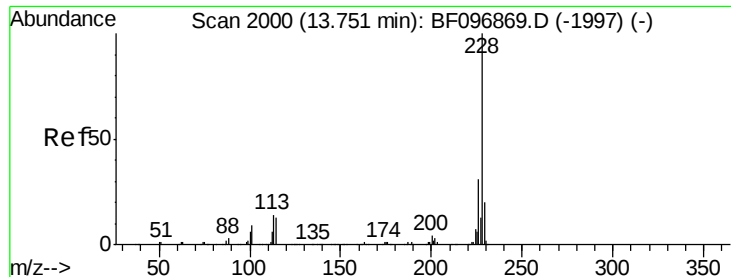
Tgt Ion:244 Resp: 347403
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 15.1 10.3 15.5



#80
 Benzo(a)anthracene
 Concen: 13.51 ng
 RT: 13.70 min Scan# 1991
 Delta R.T. -0.02 min
 Lab File: BF096929.D
 Acq: 21 Jul 2017 3:36

Tgt Ion:228 Resp: 139742
 Ion Ratio Lower Upper
 228 100
 226 30.3 22.6 33.8
 229 22.4 16.3 24.5





#82

Chrysene

Concen: 13.73 ng

RT: 13.70 min Scan# 1991

Delta R.T. -0.06 min

Lab File: BF096929.D

Acq: 21 Jul 2017 3:36

Instrument :

BNA_F

ClientSampleId :

E2-O-P-6-7-BASE

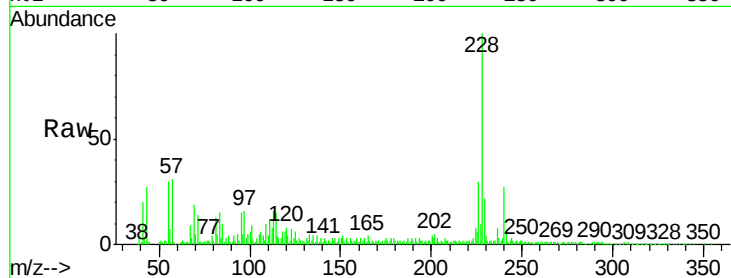
Tgt Ion:228 Resp: 139742

Ion Ratio Lower Upper

228 100

226 30.3 24.9 37.3

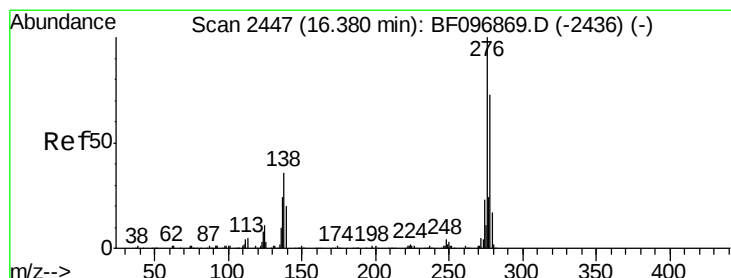
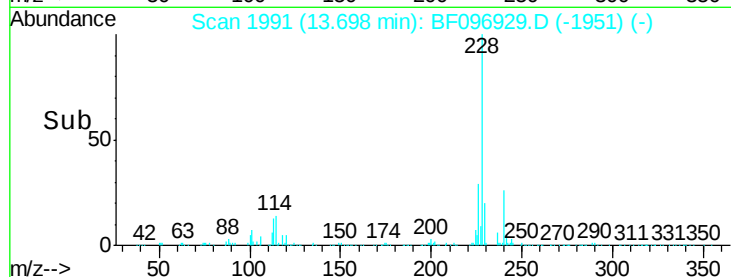
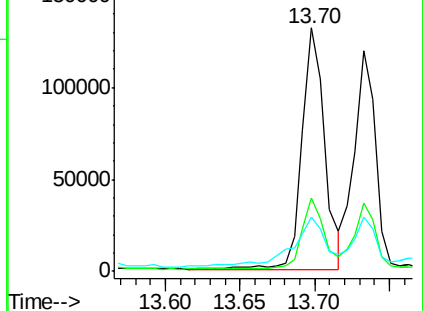
229 22.4 15.8 23.6



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: 7.67 ng

RT: 16.35 min Scan# 2442

Delta R.T. -0.04 min

Lab File: BF096929.D

Acq: 21 Jul 2017 3:36

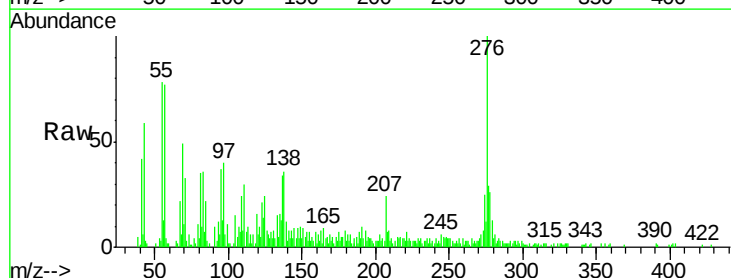
Tgt Ion:276 Resp: 42742

Ion Ratio Lower Upper

276 100

138 33.6 27.8 41.6

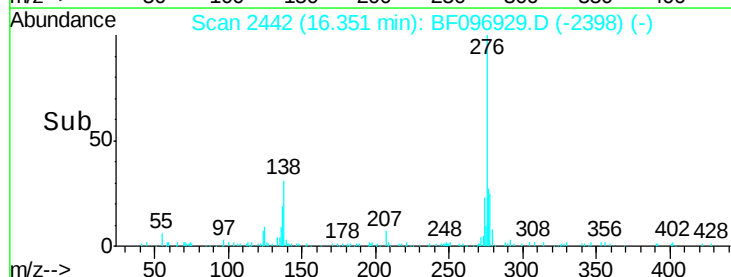
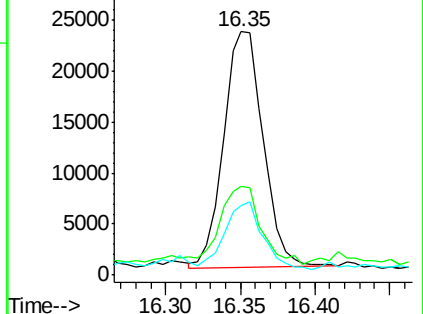
277 27.1 20.2 30.4

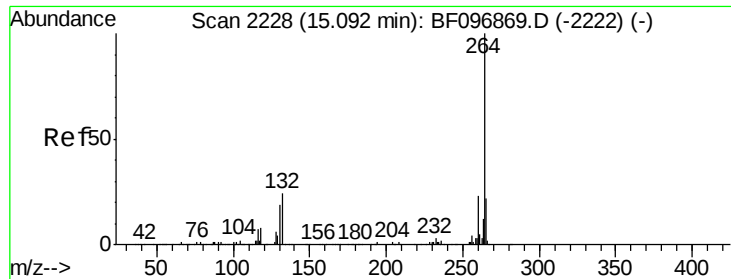


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

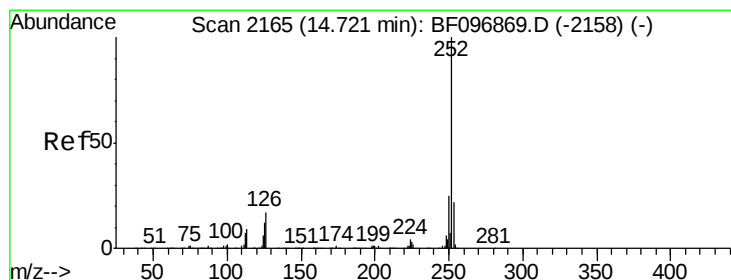
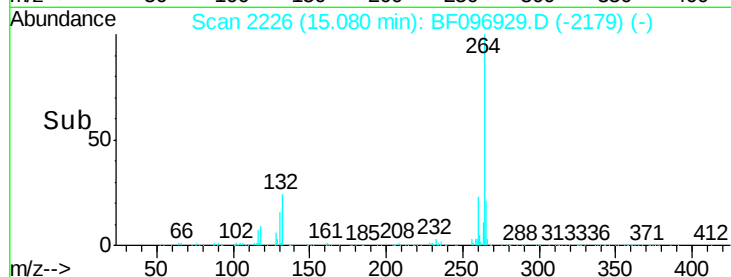
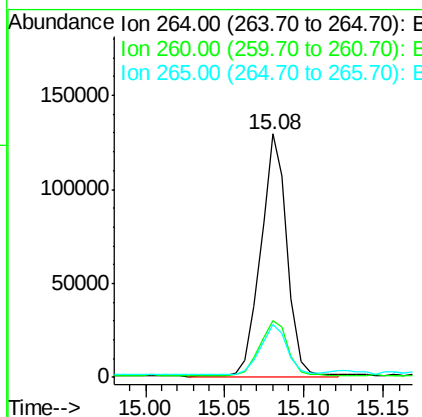
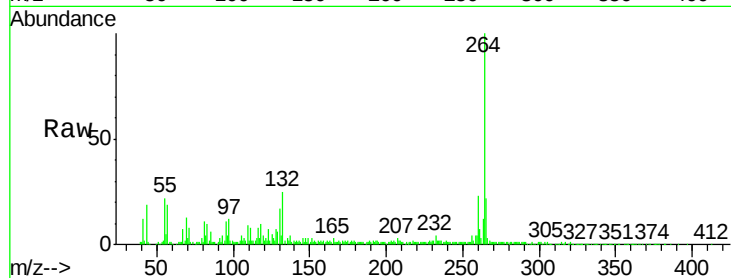




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.08 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BF096929.D
Acq: 21 Jul 2017 3:36

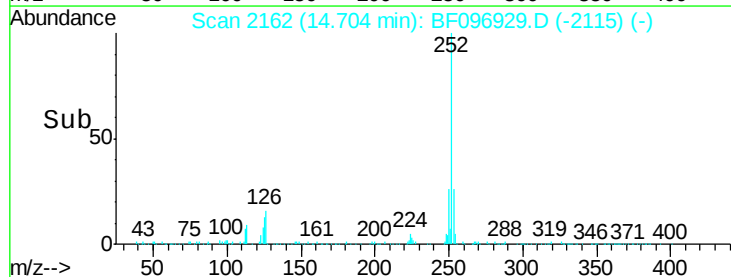
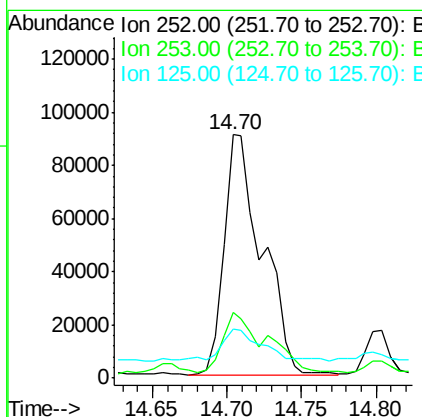
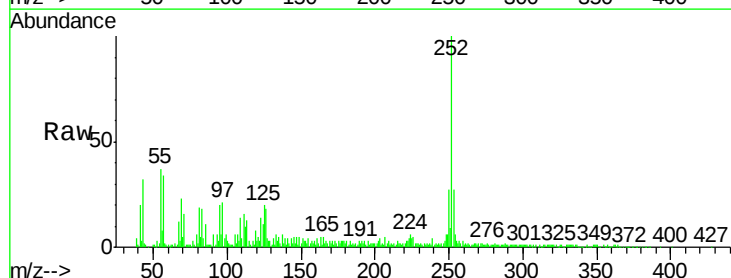
Instrument :
BNA_F
ClientSampleId :
E2-O-P-6-7-BASE

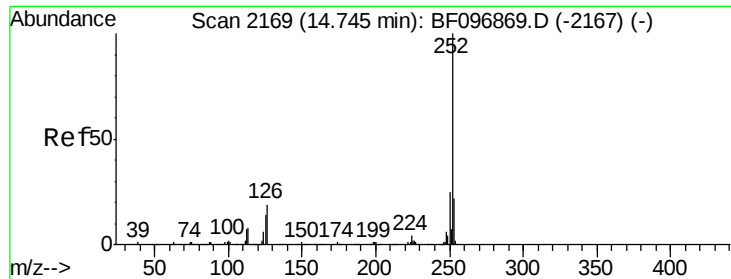
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.9	17.2	25.8



#87
Benzo(b)fluoranthene
Concen: 18.11 ng
RT: 14.70 min Scan# 2162
Delta R.T. -0.02 min
Lab File: BF096929.D
Acq: 21 Jul 2017 3:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.2	18.1	27.1#
125	20.4	9.8	14.8#

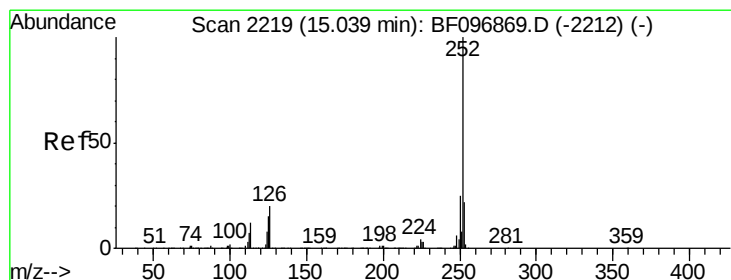
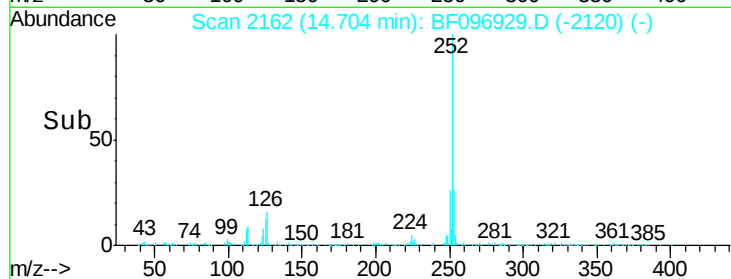
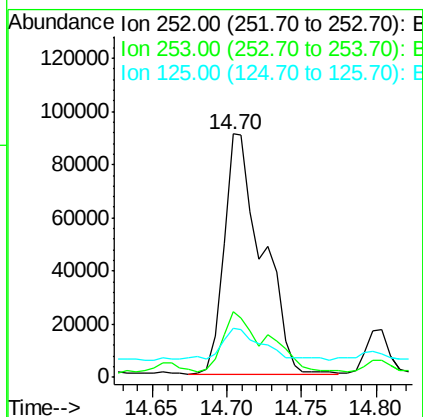
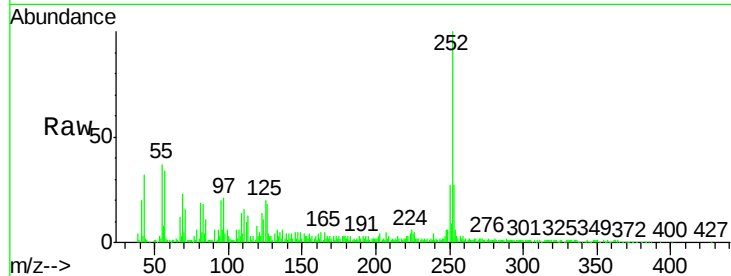




#88
Benzo(k)fluoranthene
Concen: 19.13 ng
RT: 14.70 min Scan# 2162
Delta R.T. -0.05 min
Lab File: BF096929.D
Acq: 21 Jul 2017 3:36

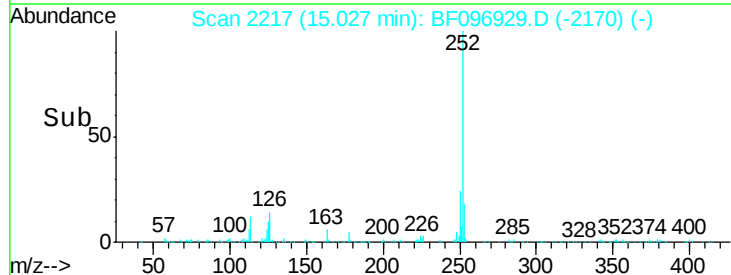
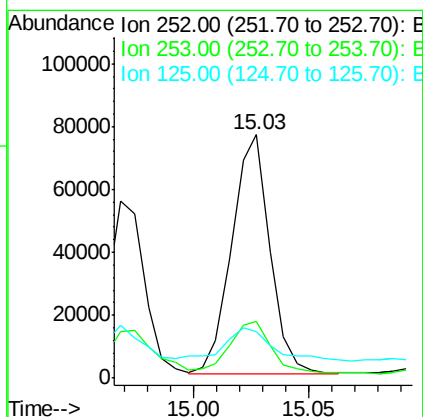
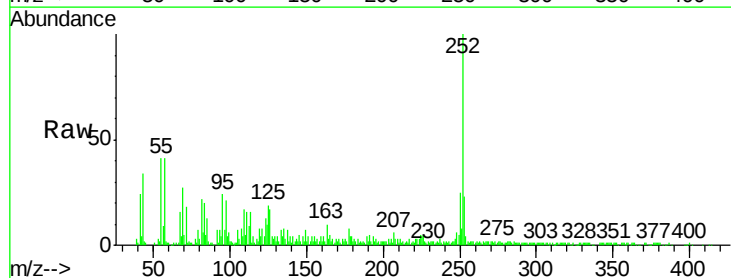
Instrument :
BNA_F
ClientSampleId :
E2-O-P-6-7-BASE

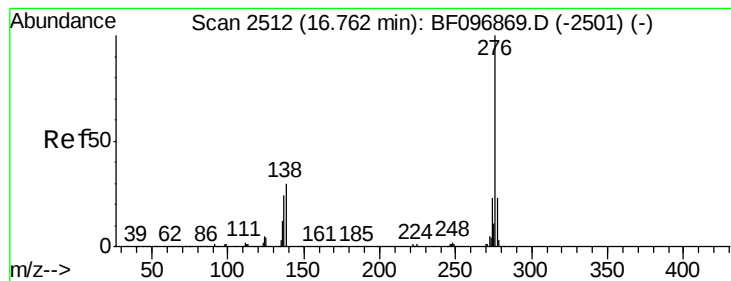
Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.2	18.4	27.6
125	20.4	13.1	19.7



#89
Benzo(a)pyrene
Concen: 10.61 ng
RT: 15.03 min Scan# 2217
Delta R.T. -0.02 min
Lab File: BF096929.D
Acq: 21 Jul 2017 3:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	19.0	11.0	16.4





#91

Benzo(g,h,i)perylene

Concen: 4.84 ng

RT: 16.73 min Scan# 2507

Delta R.T. -0.05 min

Lab File: BF096929.D

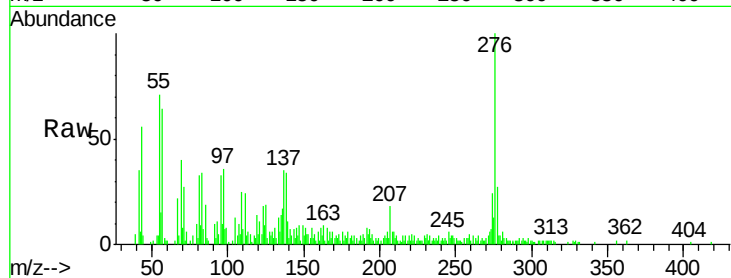
Acq: 21 Jul 2017 3:36

Instrument :

BNA_F

ClientSampleId :

E2-O-P-6-7-BASE



Tgt Ion: 276 Resp: 39243

Ion Ratio Lower Upper

276 100

277 27.4 18.6 28.0

138 33.7 25.4 38.0

