

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071117\
 Data File : BF096669.D
 Acq On : 12 Jul 2017 3:45
 Operator : SJ/JU
 Sample : I4130-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-P8-BASE

Quant Time: Jul 12 04:22:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	104377	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	396216	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	154525	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	213267	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	202313	20.00	ng	-0.02
86) Perylene-d12	15.23	264	231362	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	697368	98.61	ng	-0.01
7) Phenol-d6	6.33	99	833257	95.85	ng	-0.01
23) Nitrobenzene-d5	7.25	82	458625	69.56	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	106503	88.24	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	527417	58.36	ng	-0.02
78) Terphenyl-d14	12.78	244	290877	30.72	ng	-0.02

Target Compounds

						Qvalue
6) Aniline	6.43	93	474762	42.252	ng	# 51
10) Phenol	6.34	94	34416	3.475	ng	# 81
11) bis(2-Chloroethyl)ether	6.43	93	474762	62.027	ng	# 91
12) 1,3-Dichlorobenzene	6.63	146	26386	3.337	ng	# 96
13) 1,4-Dichlorobenzene	6.70	146	108166	13.686	ng	# 97
14) 1,2-Dichlorobenzene	6.86	146	346694	47.777	ng	# 97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	558022	35.862	ng	# 98
17) 2-Methylphenol	6.95	107	22368	3.722	ng	# 95
18) Hexachloroethane	7.19	117	8506	2.969	ng	# 1
20) 3+4-Methylphenols	7.10	107	62062	9.258	ng	# 63
22) Acetophenone	7.09	105	50290	5.809	ng	# 51
25) Isophorone	7.60	82	26823	2.098	ng	# 65
27) 2,4-Dimethylphenol	7.63	122	278785	44.720	ng	# 98
30) 1,2,4-Trichlorobenzene	7.92	180	18514	3.649	ng	# 94
31) Naphthalene	8.00	128	2187850	116.966	ng	# 98
32) Benzoic acid	7.77	122	473366	90.412	ng	# 12
33) 4-Chloroaniline	8.00	127	315333	40.586	ng	# 38
35) Caprolactam	8.42	113	19300	10.406	ng	# 1
36) 4-Chloro-3-methylphenol	8.55	107	12796	2.150	ng	# 26
37) 2-Methylnaphthalene	8.70	142	2138979	179.645	ng	# 98
45) 1,1'-Biphenyl	9.15	154	194176	14.666	ng	# 97
47) 2-Nitroaniline	9.25	65	10821	3.014	ng	# 48
48) Acenaphthylene	9.59	152	50882	3.254	ng	# 13
49) Dimethylphthalate	9.44	163	120136	10.415	ng	# 91
51) Acenaphthene	9.76	154	185181	19.215	ng	# 93
54) Dibenzofuran	9.93	168	109268	8.588	ng	# 43
55) 4-Nitrophenol	9.75	139	21872	8.294	ng	# 77
56) 2,4-Dinitrotoluene	9.93	165	23755	7.354	ng	# 36
57) Fluorene	10.27	166	135950	15.129	ng	# 94
64) 4,6-Dinitro-2-methylphenol	10.33	198	3327	2.262	ng	# 1
65) n-Nitrosodiphenylamine	10.38	169	125681	16.796	ng	# 53
70) Phenanthrene	11.22	178	354479	30.747	ng	# 99
71) Anthracene	11.27	178	106227	9.042	ng	# 97
74) Fluoranthene	12.40	202	169658	15.010	ng	# 98

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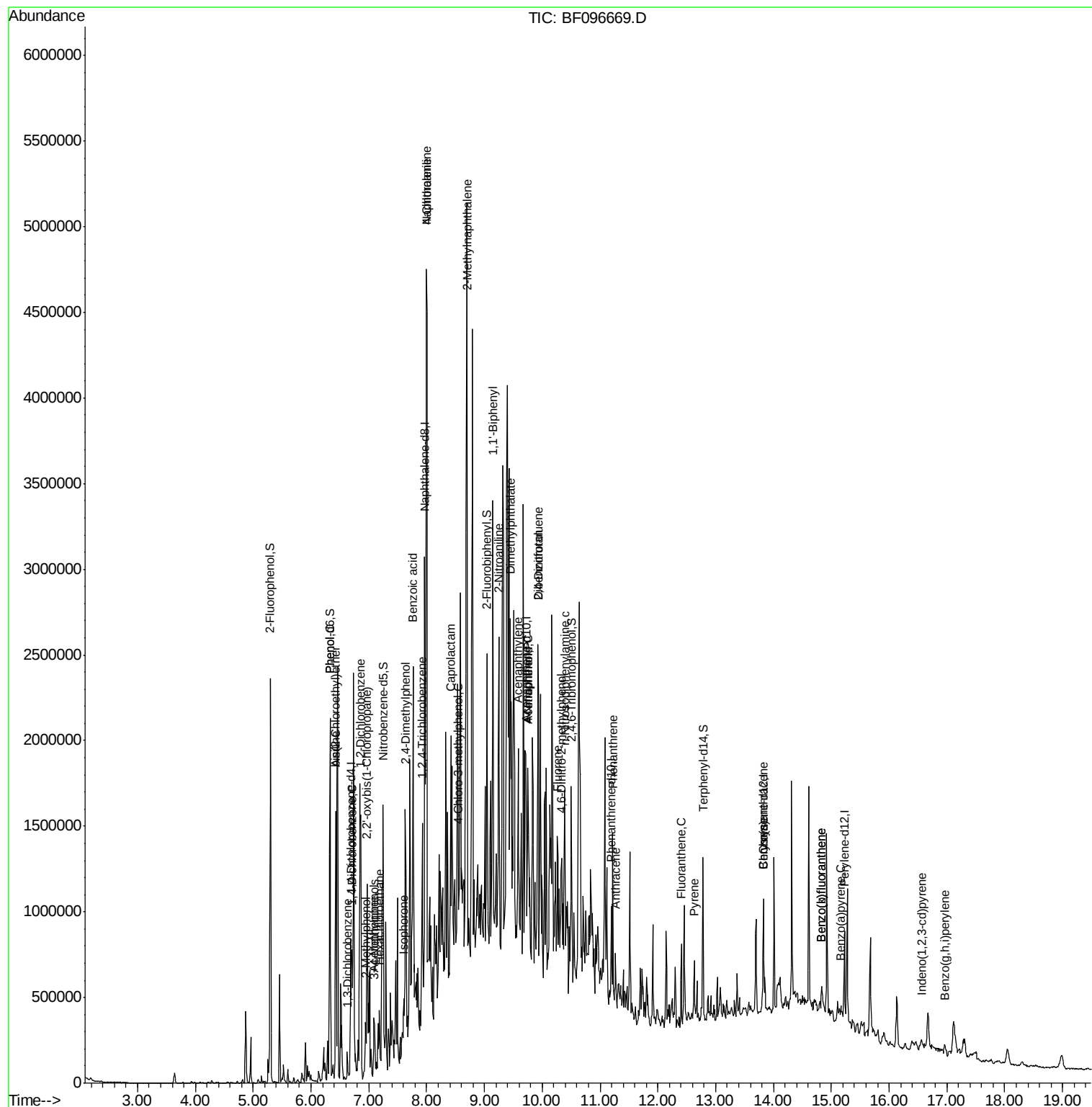
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Pyrene	12.63	202	163040	10.040	nq	98
80) Benzo(a)anthracene	13.82	228	63165	5.391	nq	98
82) Chrysene	13.82	228	63165	5.148	nq	94
85) Indeno(1,2,3-cd)pyrene	16.56	276	26718	2.759	nq	97
87) Benzo(b)fluoranthene	14.83	252	95812	6.609	nq	# 90
88) Benzo(k)fluoranthene	14.83	252	95812	7.388	nq	# 94
89) Benzo(a)pyrene	15.17	252	48130	3.719	nq	# 90
91) Benzo(a,h,i)perylene	16.96	276	22811	2.162	nq	# 87

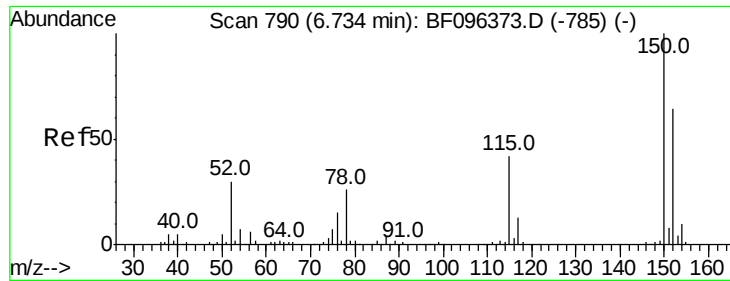
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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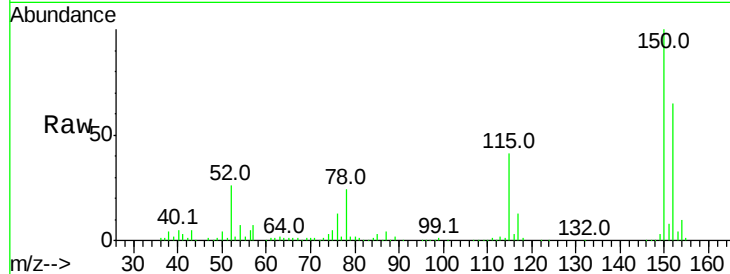


#1

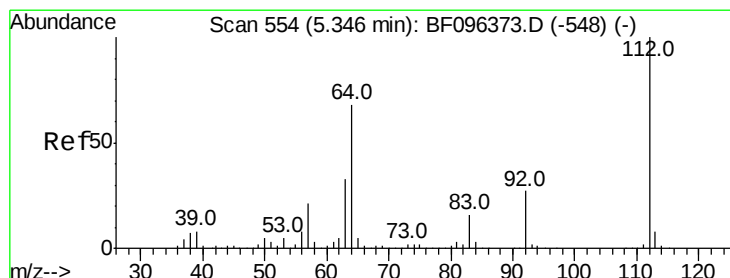
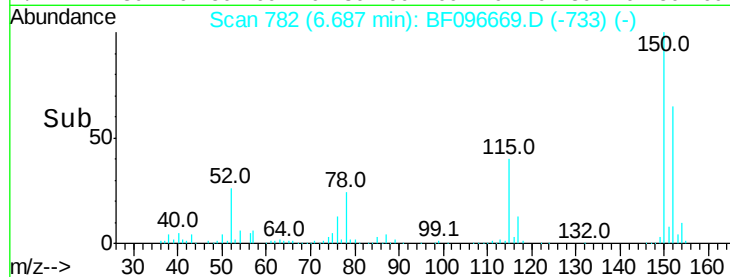
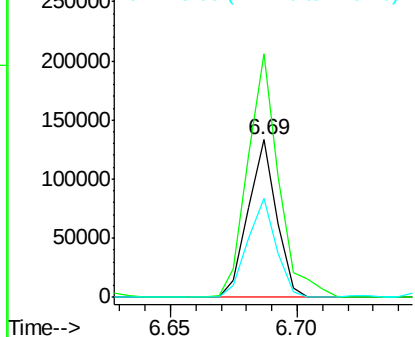
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096669.D
Acq: 12 Jul 2017 3:45

Instrument :
BNA_F
ClientSampleId :
E2-P8-BASE

Tot Ion:152 Resp: 104377
Ion Ratio Lower Upper
152 100
150 154.7 126.2 189.2
115 62.8 52.2 78.2



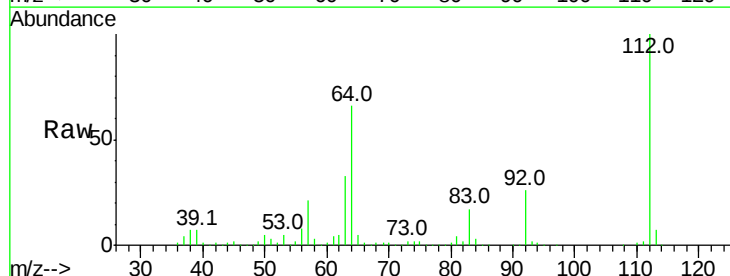
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



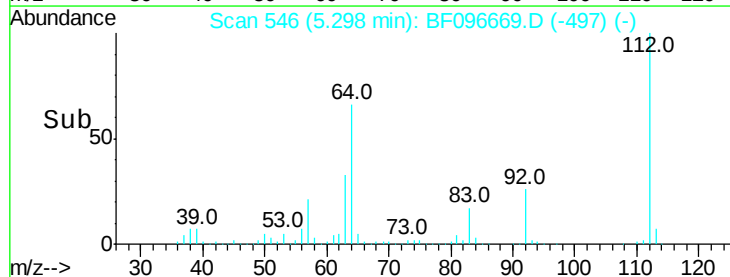
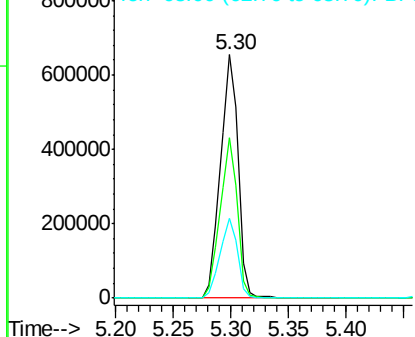
#5

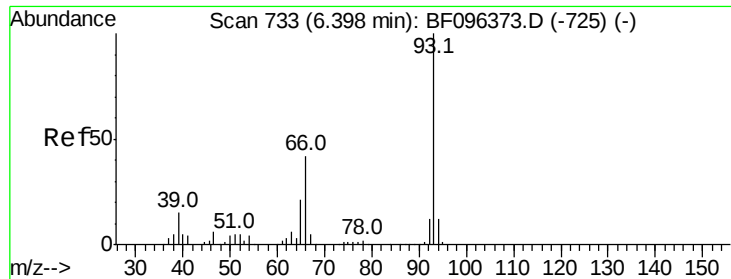
2-Fluorophenol
Concen: 98.613 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF096669.D
Acq: 12 Jul 2017 3:45

Tgt Ion:112 Resp: 697368
Ion Ratio Lower Upper
112 100
64 65.7 46.0 69.0
63 32.5 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: 42.252 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.06 min

Lab File: BF096669.D

Acq: 12 Jul 2017 3:45

Instrument :

BNA_F

ClientSampleId :

E2-P8-BASE

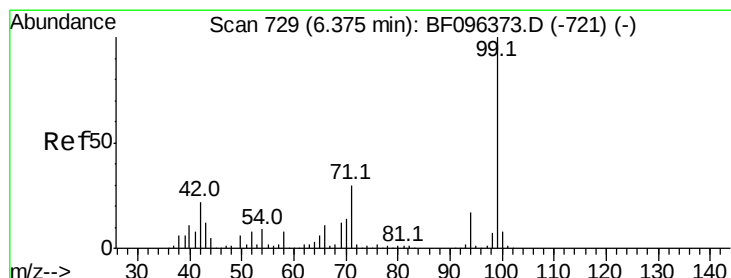
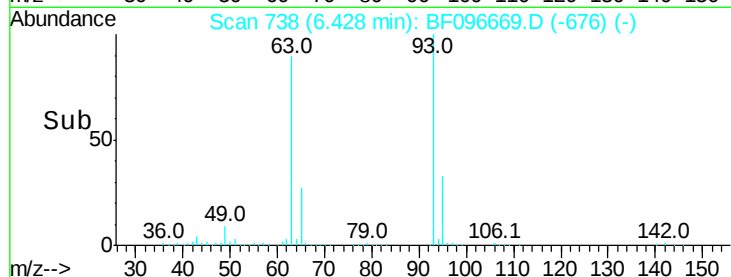
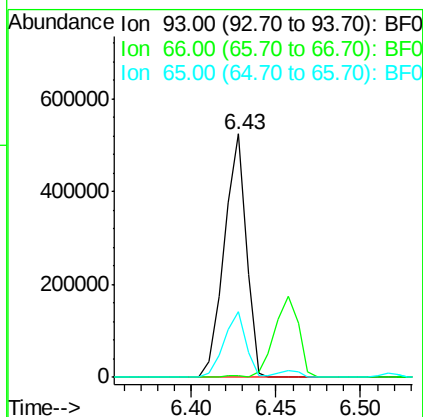
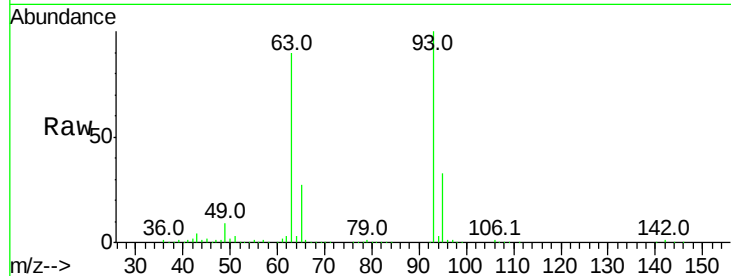
Tot Ion: 93 Resp: 474762

Ion Ratio Lower Upper

93 100

66 0.6 32.9 49.3#

65 27.0 16.0 24.0#



#7

Phenol-d6

Concen: 95.845 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF096669.D

Acq: 12 Jul 2017 3:45

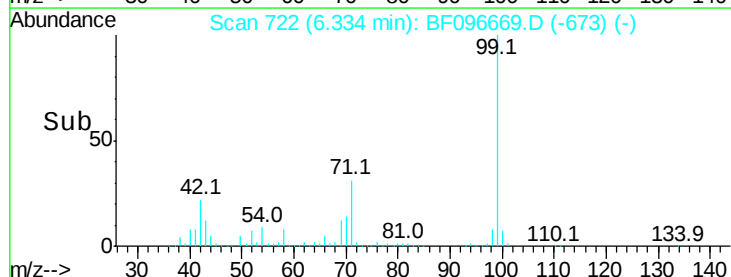
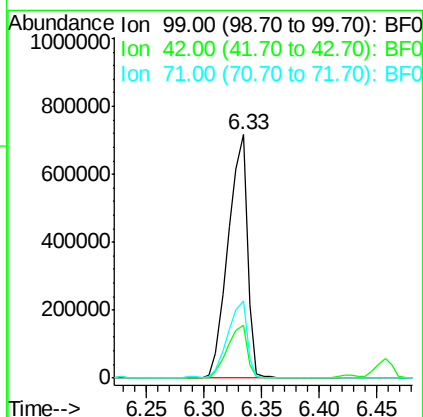
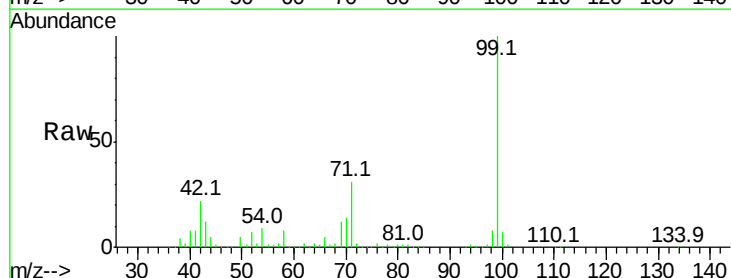
Tgt Ion: 99 Resp: 833257

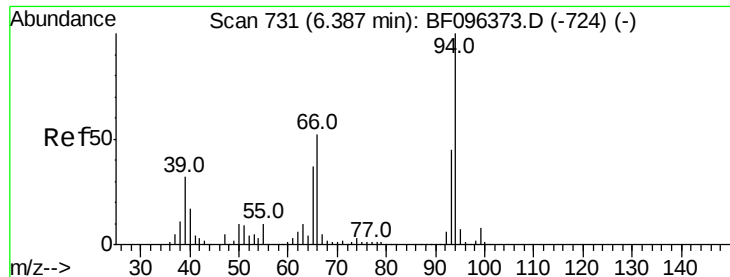
Ion Ratio Lower Upper

99 100

42 21.8 13.5 20.3#

71 31.5 24.5 36.7





#10

Phenol

Concen: 3.475 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF096669.D

Acq: 12 Jul 2017 3:45

Instrument :

BNA_F

ClientSampleId :

E2-P8-BASE

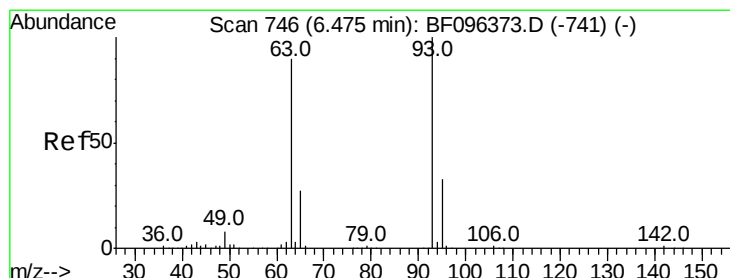
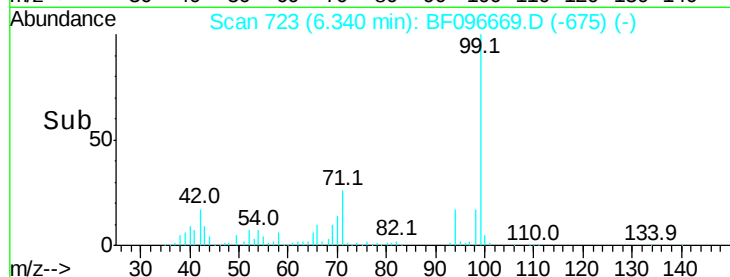
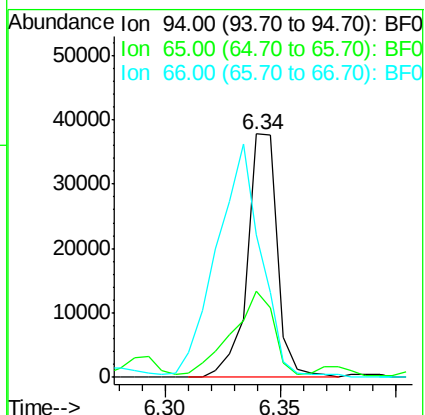
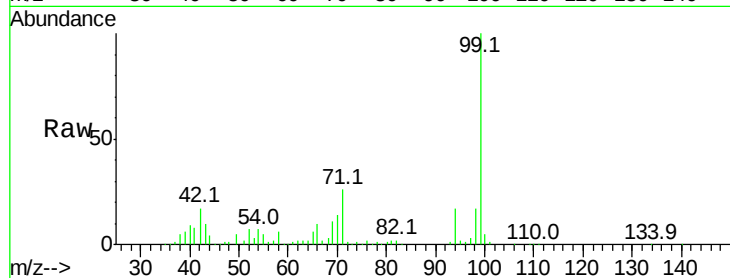
Tot Ion: 94 Resp: 34416

Ion Ratio Lower Upper

94 100

65 35.5 9.9 49.9

66 58.7 23.1 63.1



#11

bis(2-Chloroethyl)ether

Concen: 62.027 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF096669.D

Acq: 12 Jul 2017 3:45

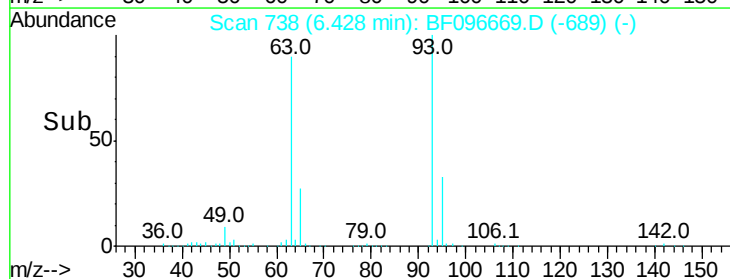
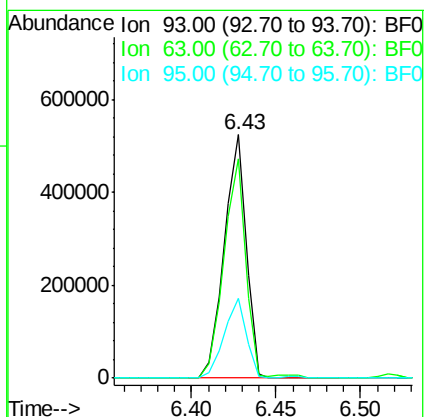
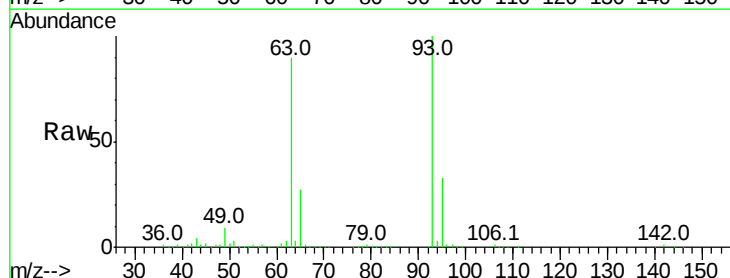
Tgt Ion: 93 Resp: 474762

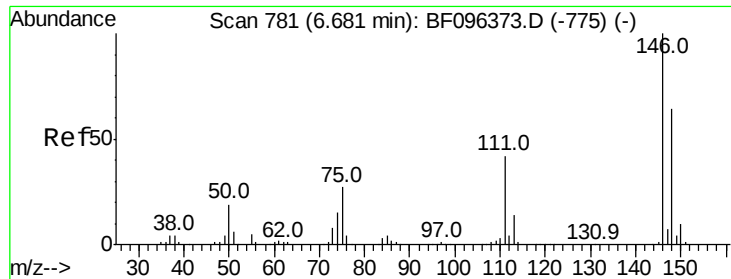
Ion Ratio Lower Upper

93 100

63 90.2 59.2 99.2

95 32.8 12.8 52.8

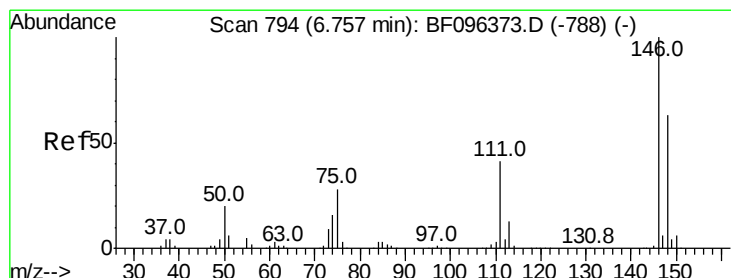
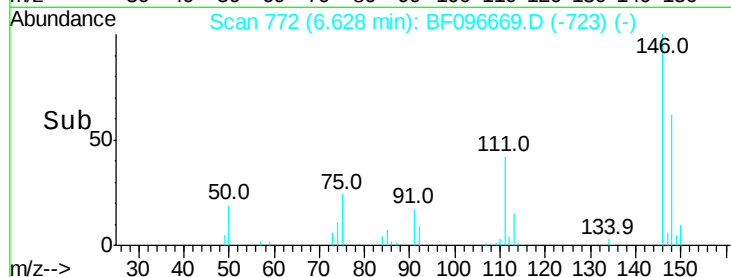
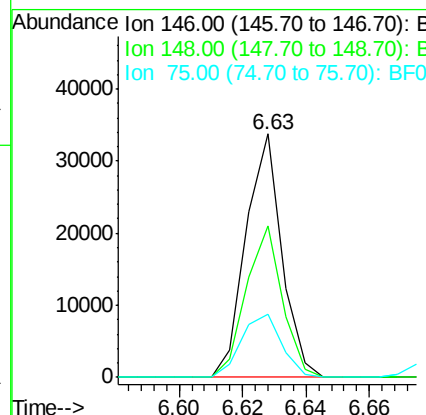
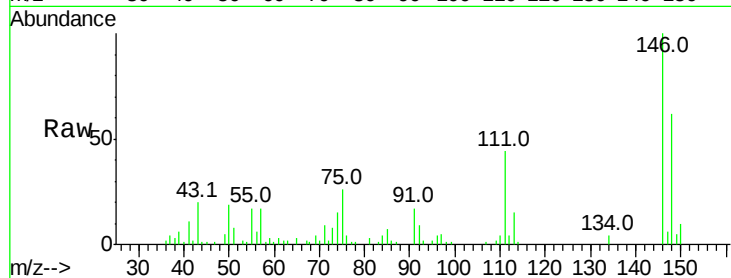




#12
 1,3-Dichlorobenzene
 Concen: 3.337 ng
 RT: 6.63 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF096669.D
 Acq: 12 Jul 2017 3:45

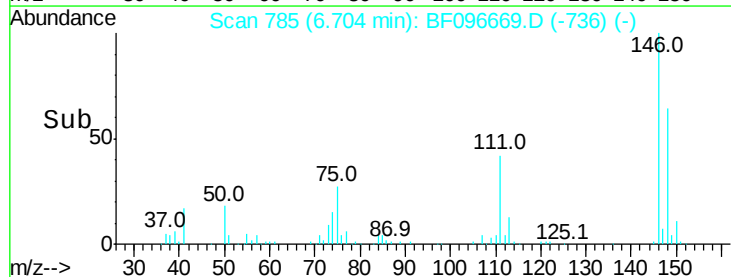
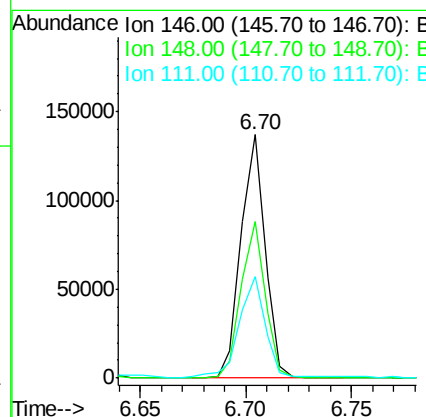
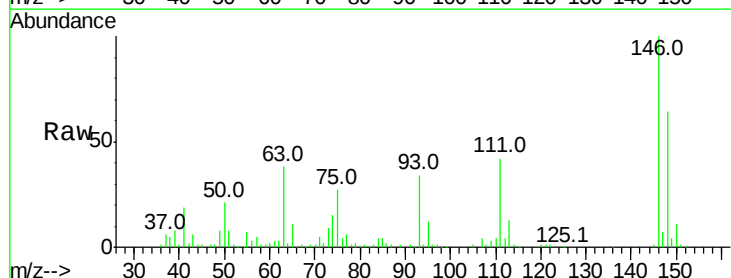
Instrument :
 BNA_F
 ClientSampleId :
 E2-P8-BASE

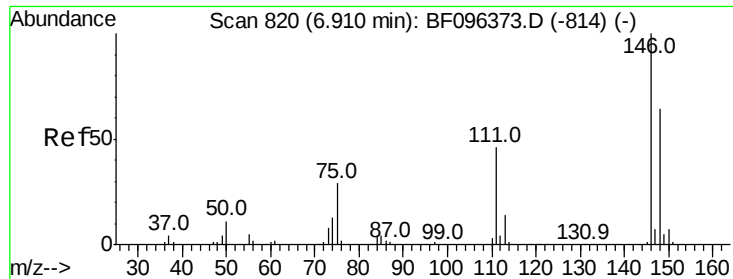
Tot Ion:146 Resp: 26386
 Ion Ratio Lower Upper
 146 100
 148 62.0 51.8 77.6
 75 26.1 23.1 34.7



#13
 1,4-Dichlorobenzene
 Concen: 13.686 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF096669.D
 Acq: 12 Jul 2017 3:45

Tgt Ion:146 Resp: 108166
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.2 78.2
 111 41.8 30.3 45.5





#14

1,2-Dichlorobenzene

Concen: 47.777 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF096669.D

Acq: 12 Jul 2017 3:45

Instrument :

BNA_F

ClientSampleId :

E2-P8-BASE

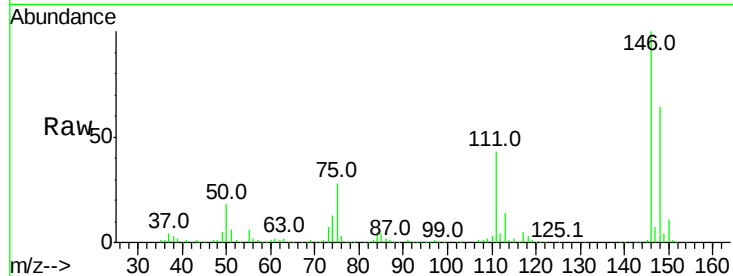
Tot Ion:146 Resp: 346694

Ion Ratio Lower Upper

146 100

148 63.6 50.4 75.6

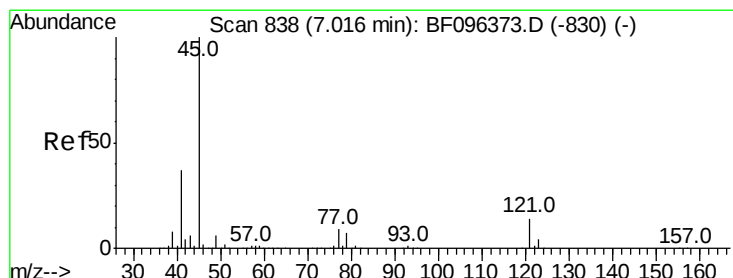
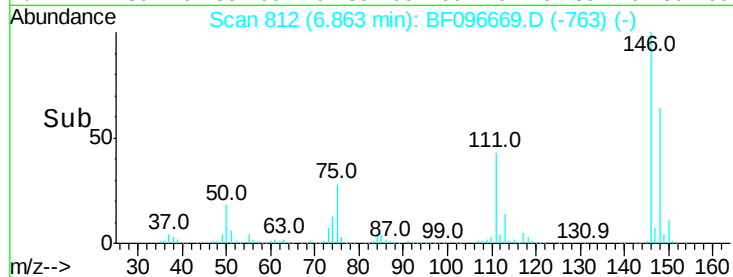
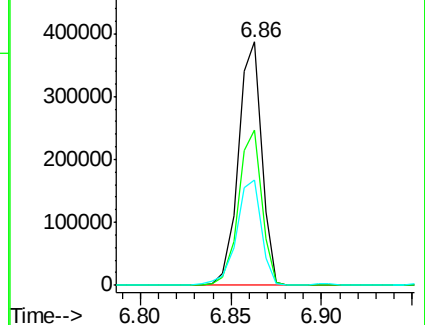
111 43.3 38.2 57.4



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.862 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF096669.D

Acq: 12 Jul 2017 3:45

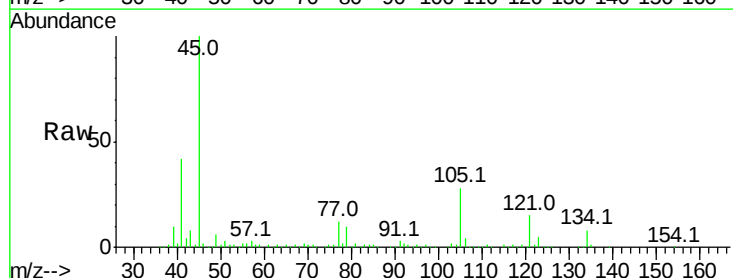
Tgt Ion: 45 Resp: 558022

Ion Ratio Lower Upper

45 100

77 12.2 0.0 33.2

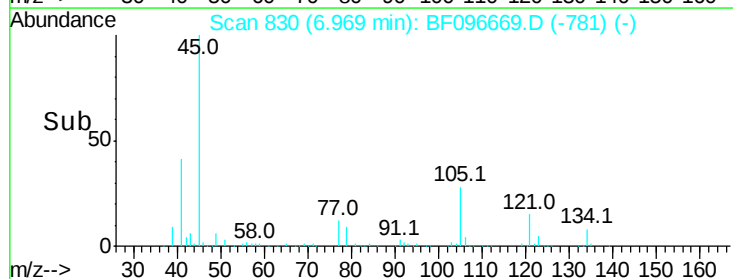
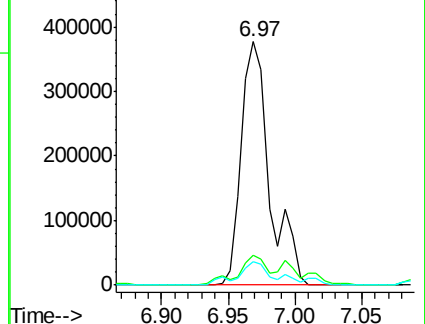
79 9.8 0.0 30.0

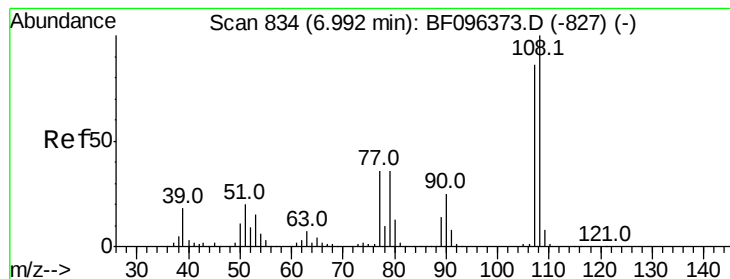


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 3.722 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.02 min

Lab File: BF096669.D

Acq: 12 Jul 2017 3:45

Instrument :

BNA_F

ClientSampleId :

E2-P8-BASE

Tot Ion:107 Resp: 22368

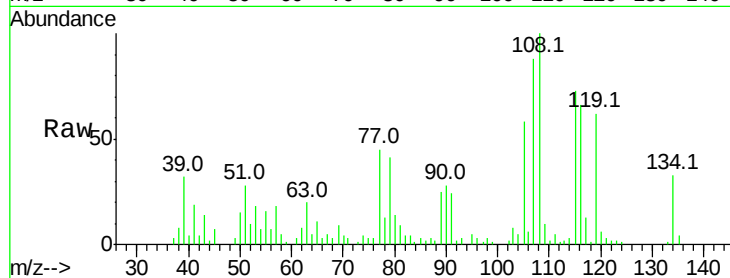
Ion Ratio Lower Upper

107 100

108 113.1 93.4 140.0

77 51.3 35.8 53.6

79 46.4 34.8 52.2

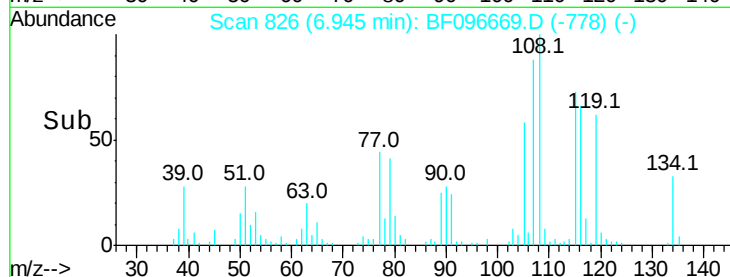


Abundance Ion 107.00 (106.70 to 107.70): E

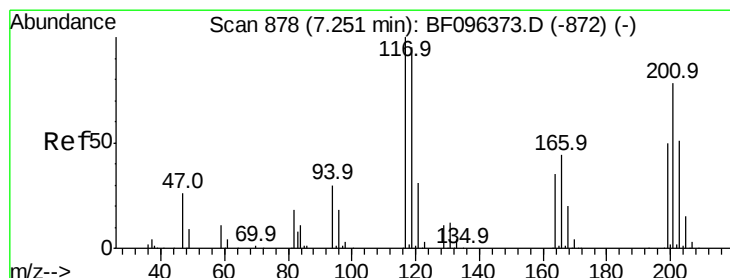
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 2.969 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.03 min

Lab File: BF096669.D

Acq: 12 Jul 2017 3:45

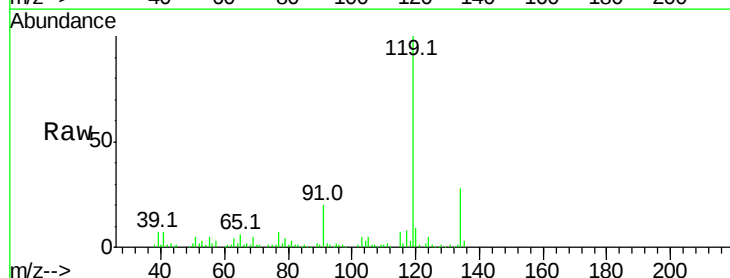
Tgt Ion:117 Resp: 8506

Ion Ratio Lower Upper

117 100

119 1287.7 77.4 116.0#

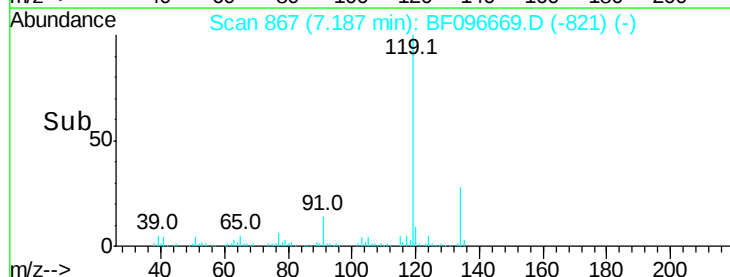
201 0.0 94.6 141.8#



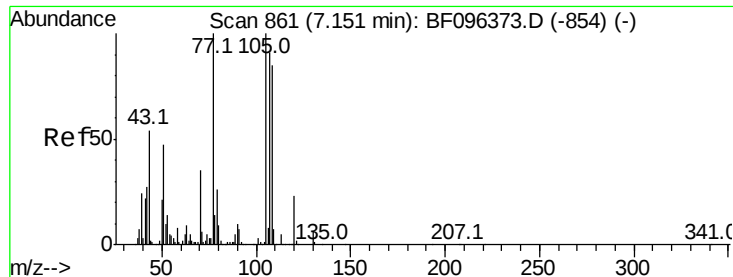
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



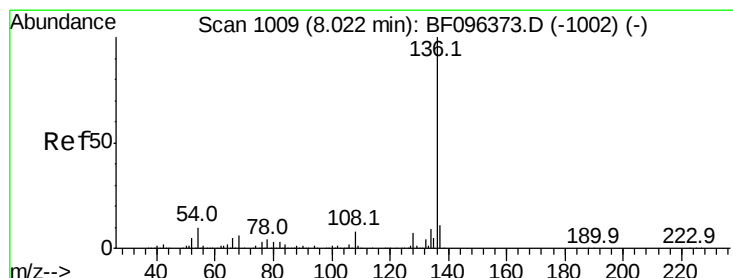
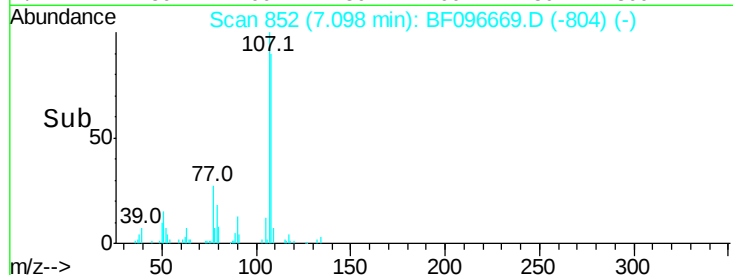
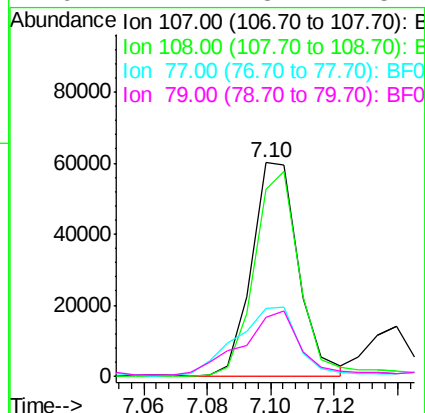
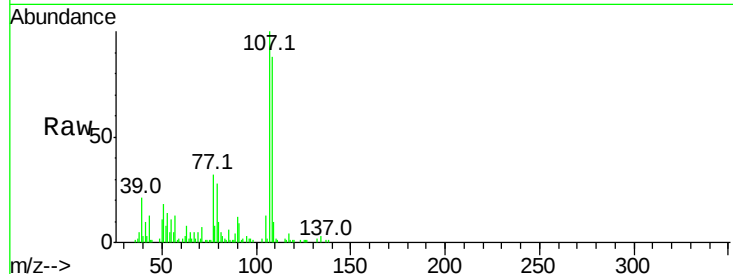
Time-->



#20
3+4-Methylphenols
Concen: 9.258 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.02 min
Lab File: BF096669.D
Acq: 12 Jul 2017 3:45

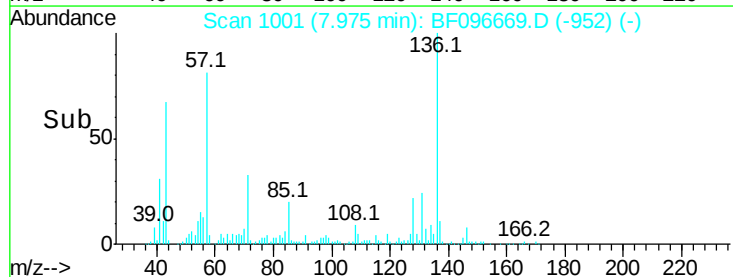
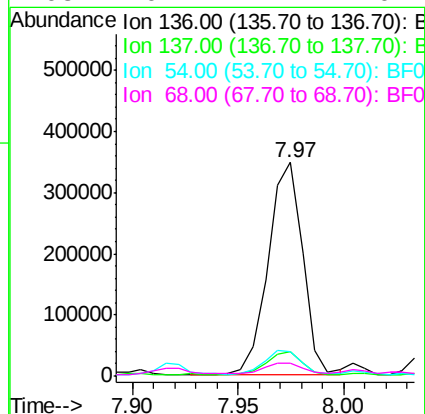
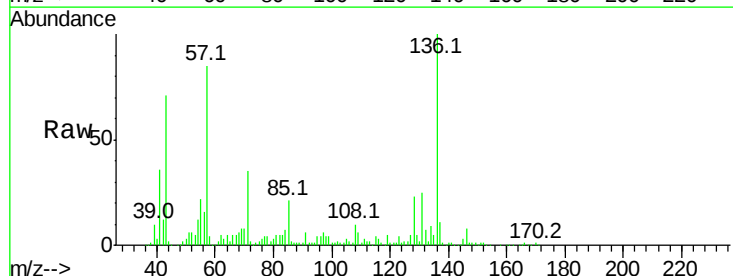
Instrument :
BNA_F
ClientSampleId :
E2-P8-BASE

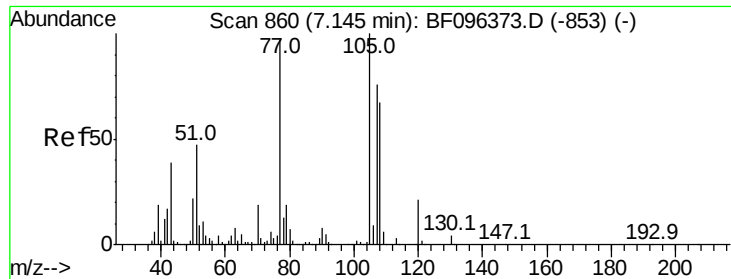
Tot Ion:	107	Resp:	62062
Ion	Ratio	Lower	Upper
107	100		
108	87.8	71.0	111.0
77	31.7	90.5	130.5#
79	27.7	8.4	48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF096669.D
Acq: 12 Jul 2017 3:45

Tgt Ion:	136	Resp:	396216
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	11.6	4.9	7.3#
68	6.1	4.1	6.1#





#22

Acetophenone

Concen: 5.809 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.03 min

Lab File: BF096669.D

Acq: 12 Jul 2017 3:45

Instrument :

BNA_F

ClientSampleId :

E2-P8-BASE

Tot Ion:105 Resp: 50290

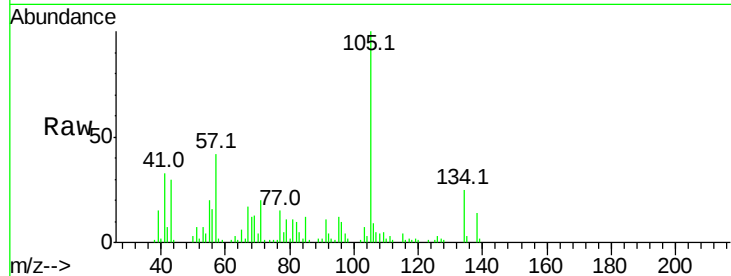
Ion Ratio Lower Upper

105 100

71 19.8 2.8 4.2#

51 7.0 30.7 46.1#

120 0.9 17.4 26.0#



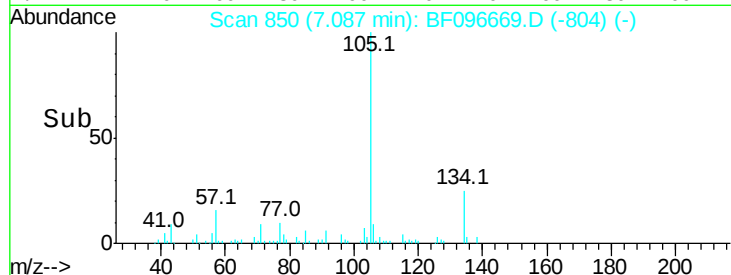
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

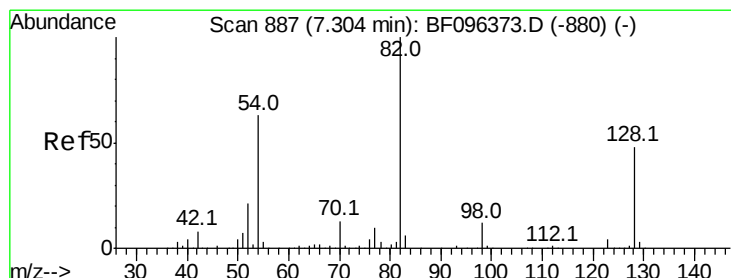
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

Time-->



Time-->



#23

Nitrobenzene-d5

Concen: 69.556 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.02 min

Lab File: BF096669.D

Acq: 12 Jul 2017 3:45

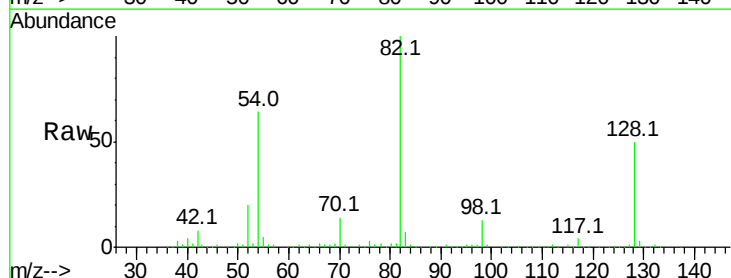
Tgt Ion: 82 Resp: 458625

Ion Ratio Lower Upper

82 100

128 49.7 34.0 51.0

54 63.7 42.2 63.2#

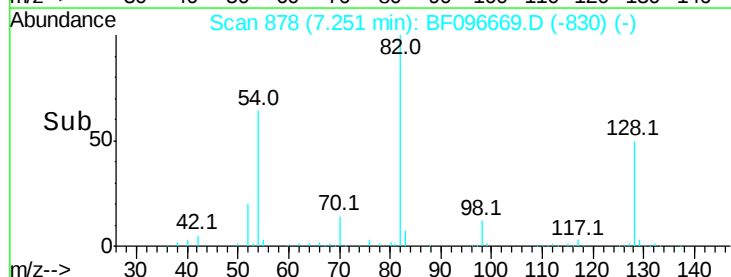


Abundance Ion 82.00 (81.70 to 82.70): BF0

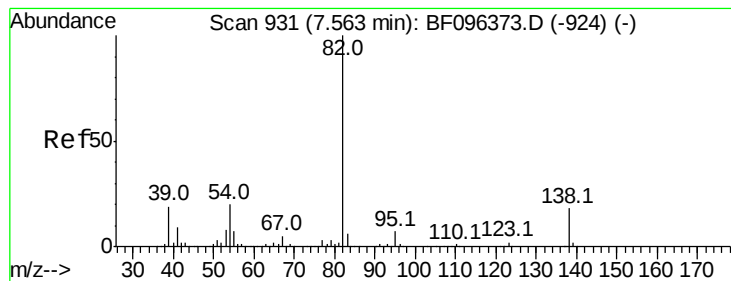
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->



Time-->



#25

Isophorone

Concen: 2.098 ng

RT: 7.60 min Scan# 937

Delta R.T. 0.07 min

Lab File: BF096669.D

Acq: 12 Jul 2017 3:45

Instrument :

BNA_F

ClientSampleId :

E2-P8-BASE

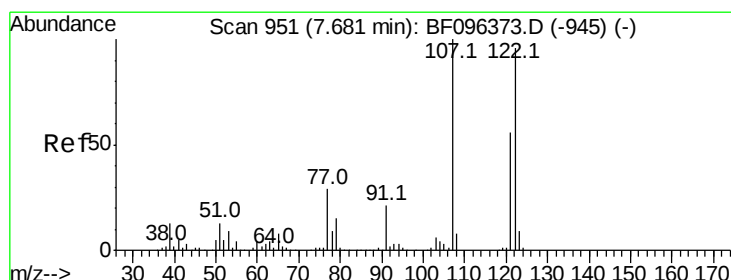
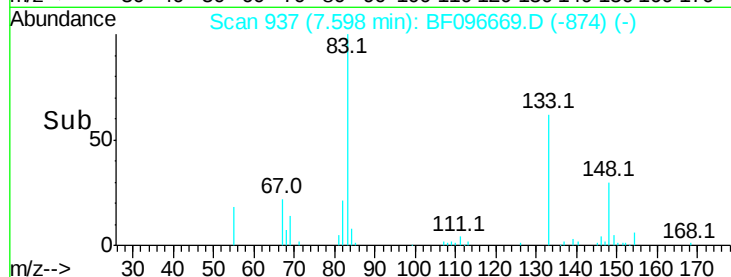
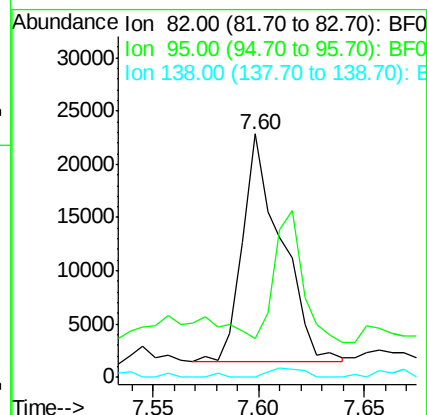
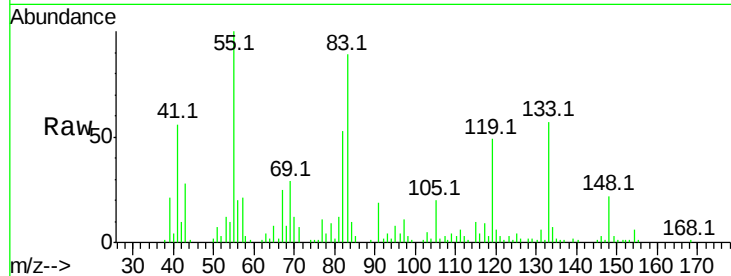
Tot Ion: 82 Resp: 26823

Ion Ratio Lower Upper

82 100

95 15.9 5.3 7.9#

138 0.0 13.1 19.7#



#27

2,4-Dimethylphenol

Concen: 44.720 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF096669.D

Acq: 12 Jul 2017 3:45

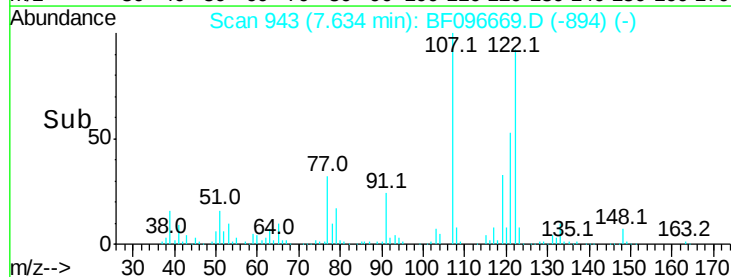
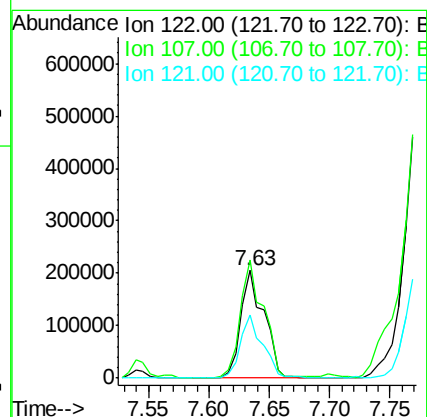
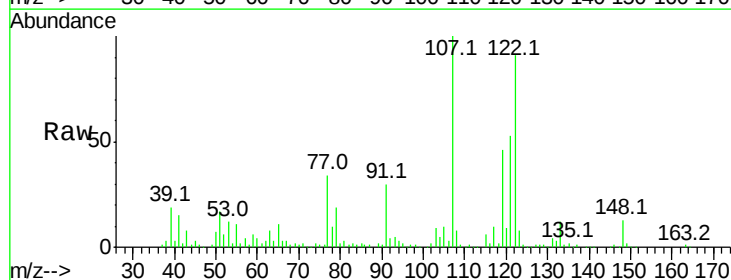
Tgt Ion:122 Resp: 278785

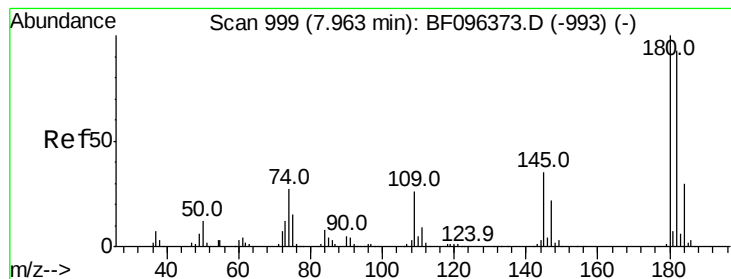
Ion Ratio Lower Upper

122 100

107 109.9 89.2 133.8

121 58.3 45.2 67.8





#30

1,2,4-Trichlorobenzene

Concen: 3.649 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF096669.D

Acq: 12 Jul 2017 3:45

Instrument :

BNA_F

ClientSampleId :

E2-P8-BASE

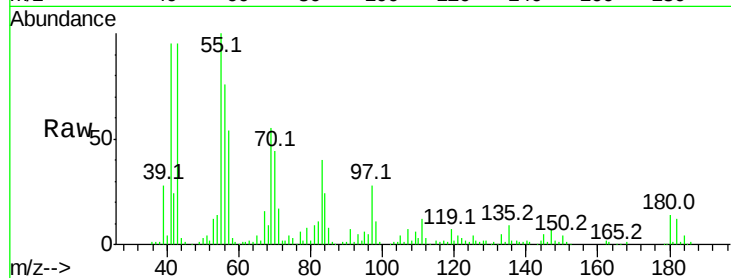
Tot Ion:180 Resp: 18514

Ion Ratio Lower Upper

180 100

182 88.4 75.8 113.6

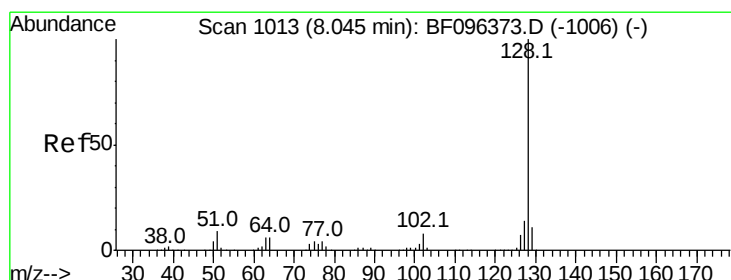
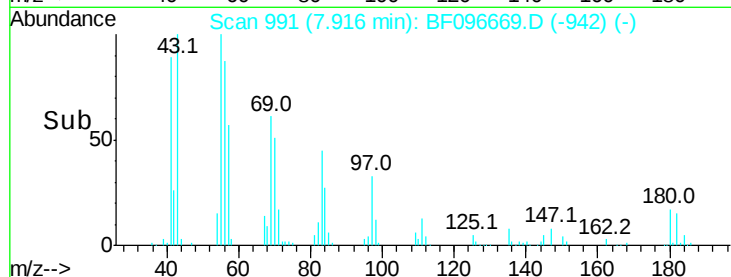
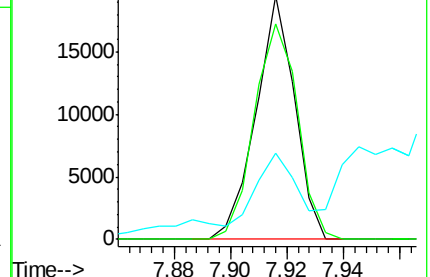
145 35.2 25.3 37.9



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



#31

Naphthalene

Concen: 116.966 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF096669.D

Acq: 12 Jul 2017 3:45

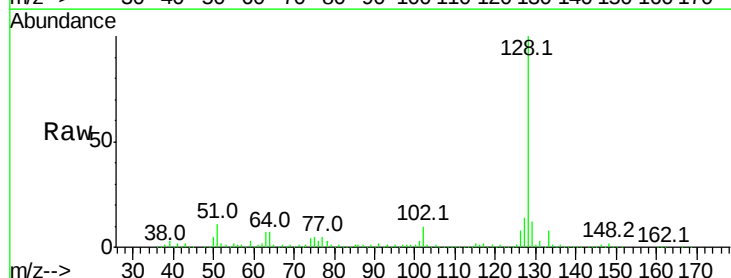
Tgt Ion:128 Resp: 2187850

Ion Ratio Lower Upper

128 100

129 11.9 9.0 13.6

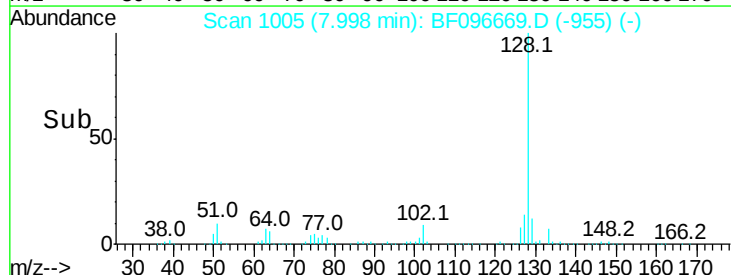
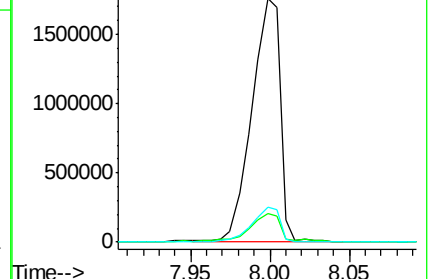
127 14.2 10.8 16.2

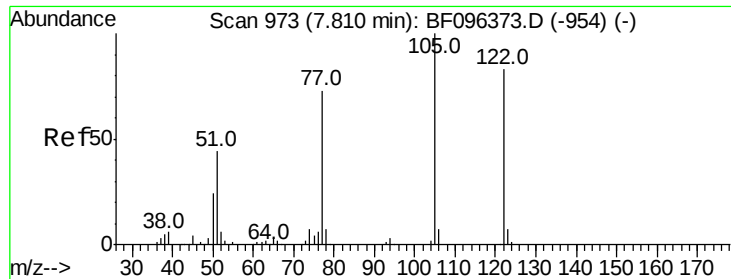


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

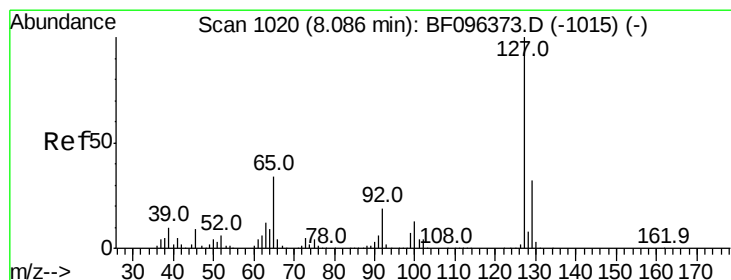
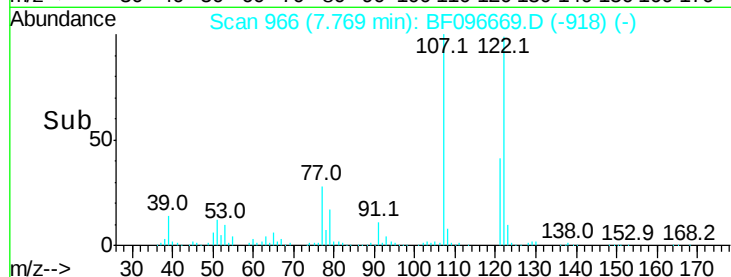
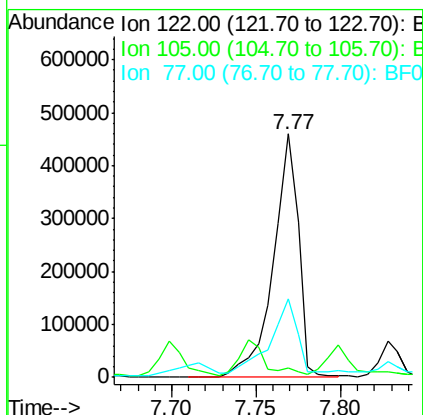
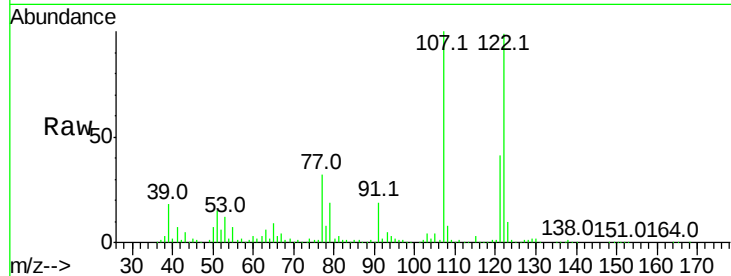




#32
Benzoic acid
Concen: 90.412 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF096669.D
Acq: 12 Jul 2017 3:45

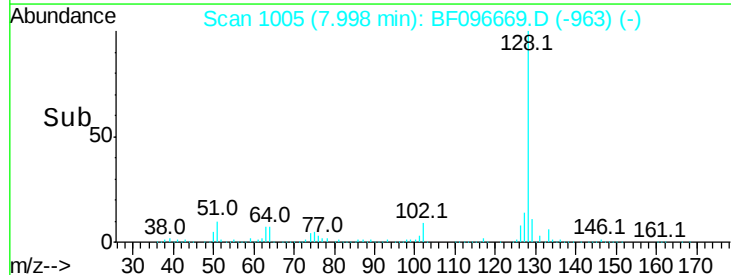
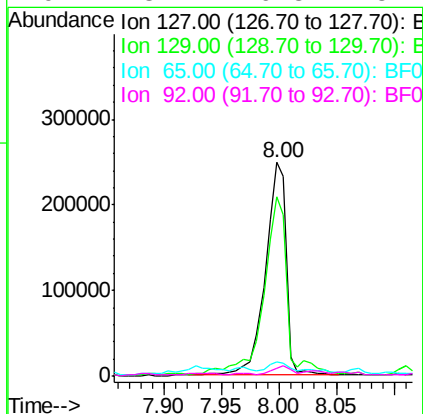
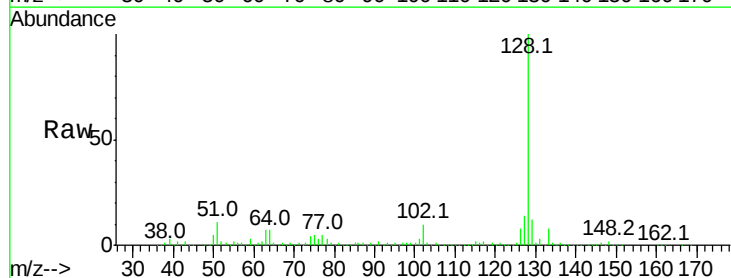
Instrument :
BNA_F
ClientSampleId :
E2-P8-BASE

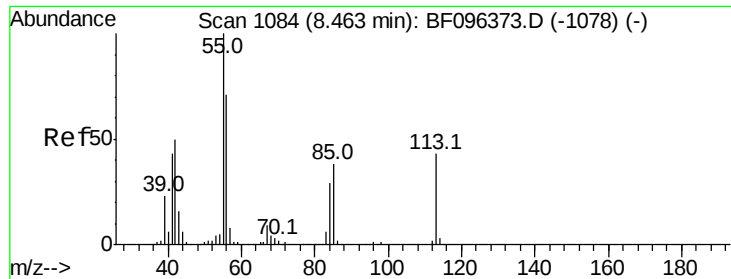
Tot Ion:122 Resp: 473366
Ion Ratio Lower Upper
122 100
105 3.9 103.3 143.3#
77 32.1 73.7 113.7#



#33
4-Chloroaniline
Concen: 40.586 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.05 min
Lab File: BF096669.D
Acq: 12 Jul 2017 3:45

Tgt Ion:127 Resp: 315333
Ion Ratio Lower Upper
127 100
129 83.6 26.2 39.2#
65 6.6 27.8 41.8#
92 3.4 16.8 25.2#





#35

Caprolactam

Concen: 10.406 ng

RT: 8.42 min Scan# 1076

Delta R.T. -0.02 min

Lab File: BF096669.D

Acq: 12 Jul 2017 3:45

Instrument :

BNA_F

ClientSampleId :

E2-P8-BASE

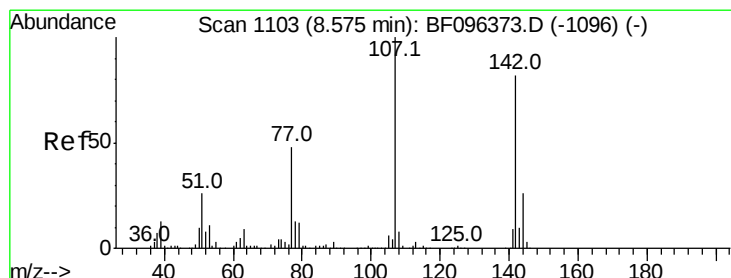
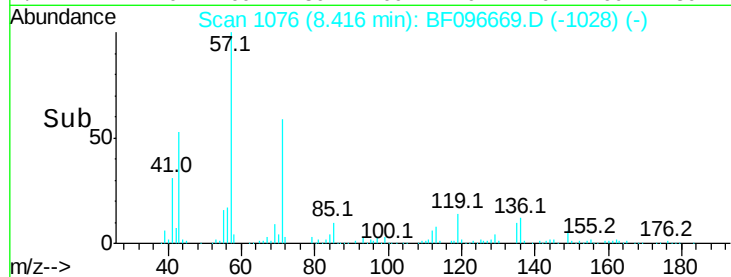
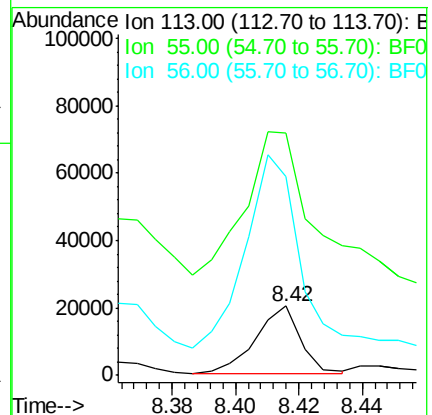
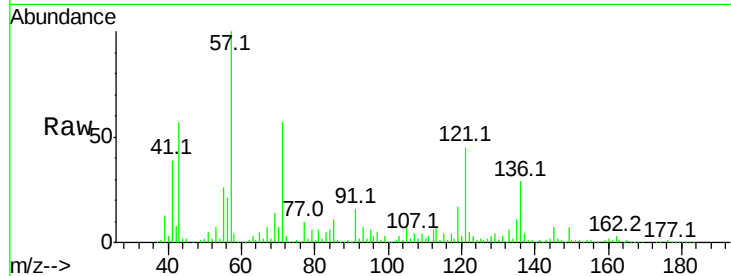
Tot Ion:113 Resp: 19300

Ion Ratio Lower Upper

113 100

55 350.4 150.2 190.2#

56 287.6 107.8 147.8#



#36

4-Chloro-3-methylphenol

Concen: 2.150 ng

RT: 8.55 min Scan# 1099

Delta R.T. 0.01 min

Lab File: BF096669.D

Acq: 12 Jul 2017 3:45

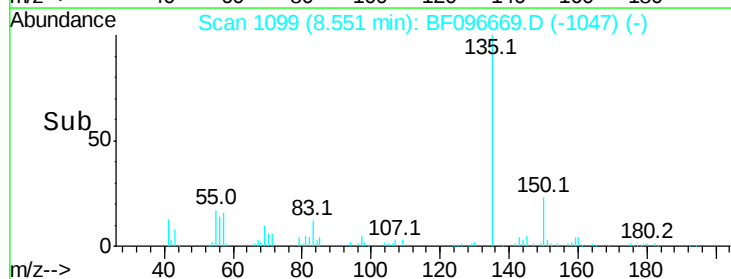
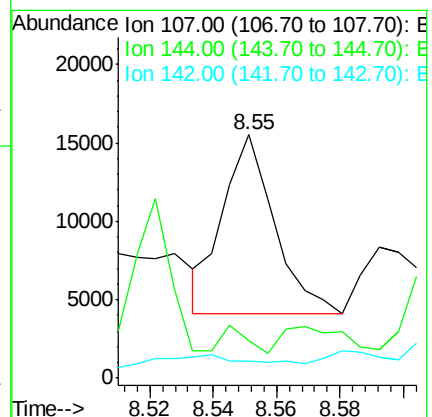
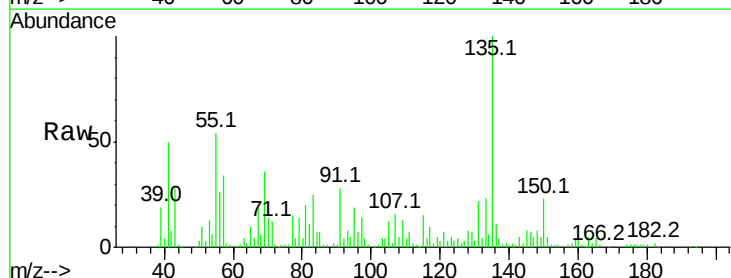
Tgt Ion:107 Resp: 12796

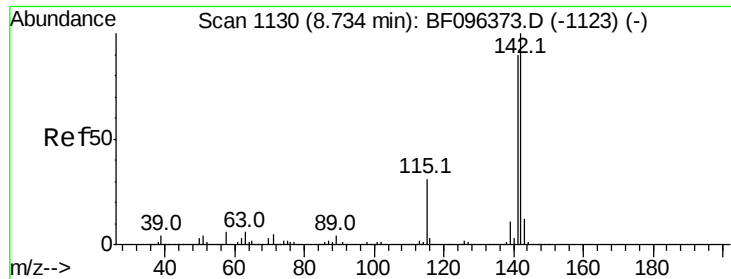
Ion Ratio Lower Upper

107 100

144 15.4 24.2 36.4#

142 6.9 73.4 110.0#

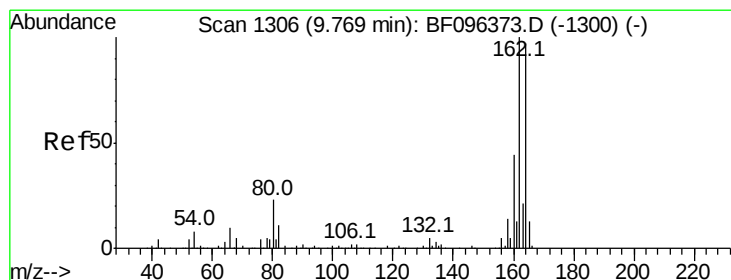
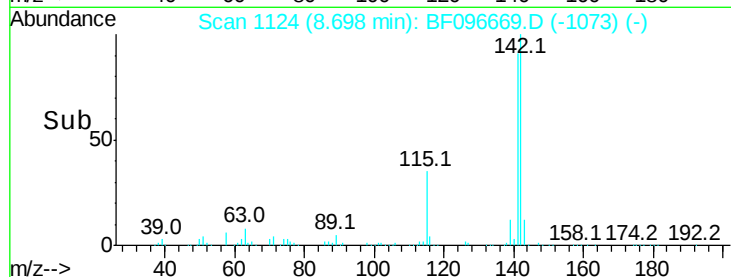
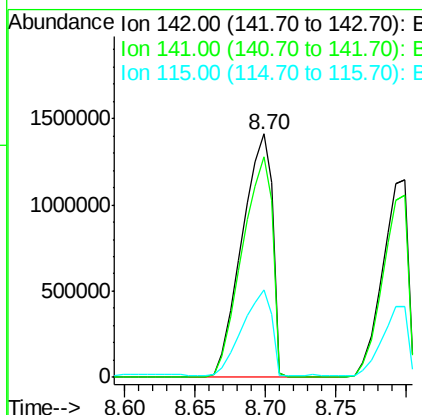
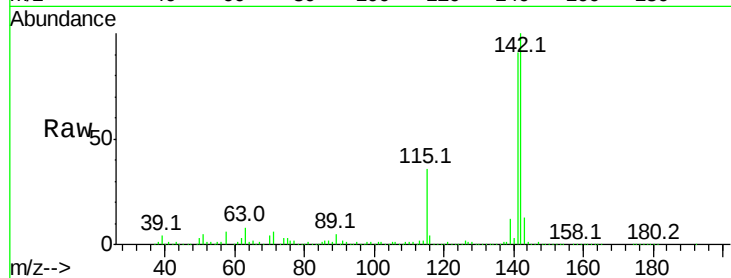




#37
 2-Methylnaphthalene
 Concen: 179.645 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BF096669.D
 Acq: 12 Jul 2017 3:45

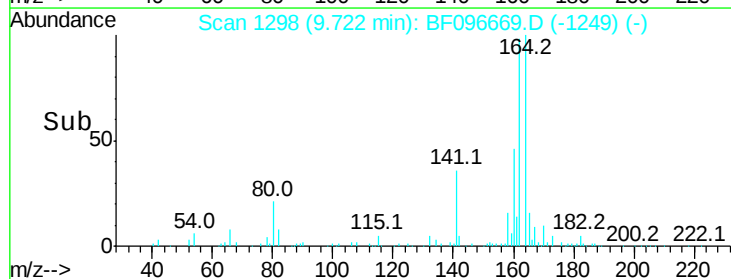
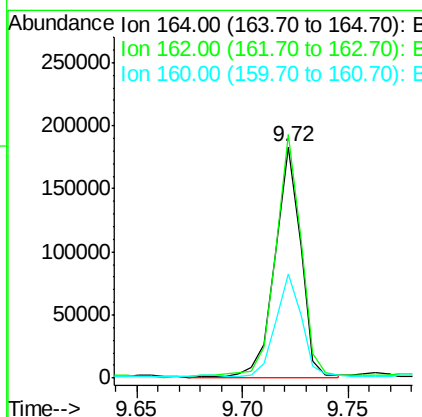
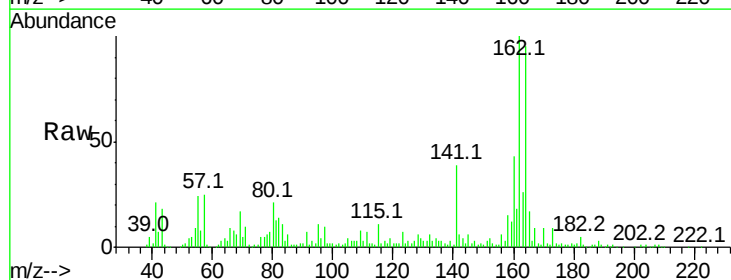
Instrument :
 BNA_F
 ClientSampleId :
 E2-P8-BASE

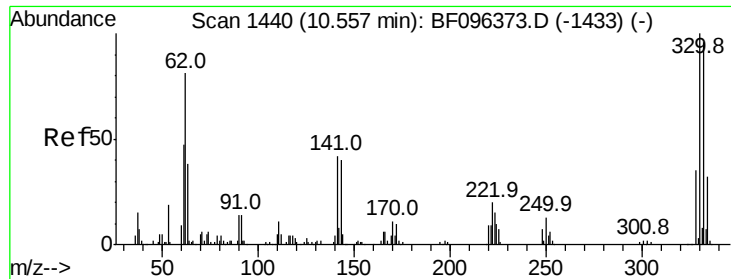
Tot Ion:142 Resp: 2138979
 Ion Ratio Lower Upper
 142 100
 141 90.7 71.3 106.9
 115 35.9 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF096669.D
 Acq: 12 Jul 2017 3:45

Tgt Ion:164 Resp: 154525
 Ion Ratio Lower Upper
 164 100
 162 105.4 82.6 123.8
 160 45.2 36.2 54.2

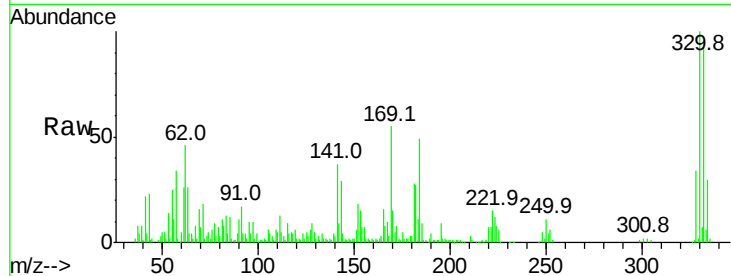




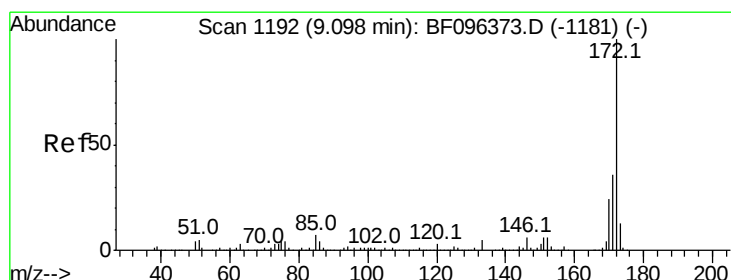
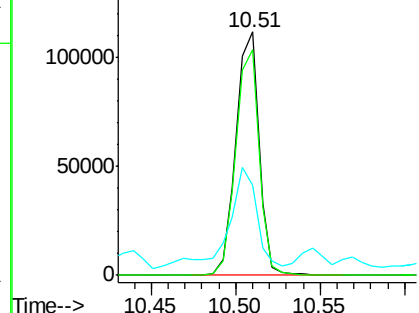
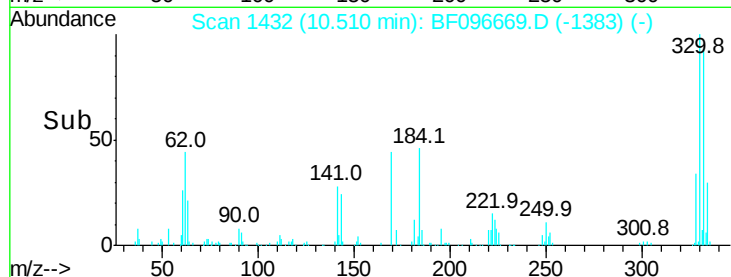
#41
 2,4,6-Tribromophenol
 Concen: 88.236 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF096669.D
 Acq: 12 Jul 2017 3:45

Instrument :
 BNA_F
 ClientSampleId :
 E2-P8-BASE

Tot Ion:330 Resp: 106503
 Ion Ratio Lower Upper
 330 100
 332 93.6 76.6 115.0
 141 50.6 31.4 47.2#

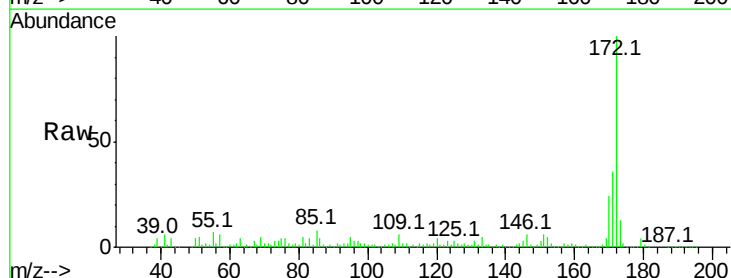


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

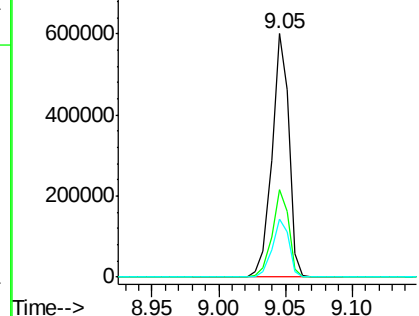
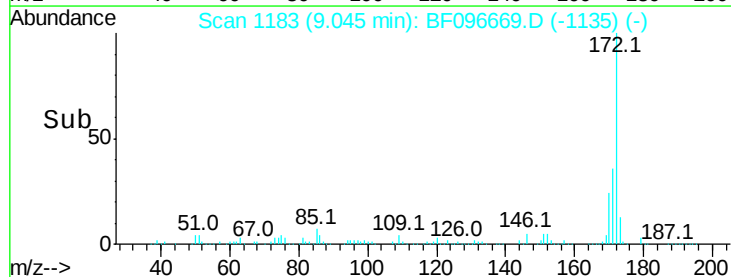


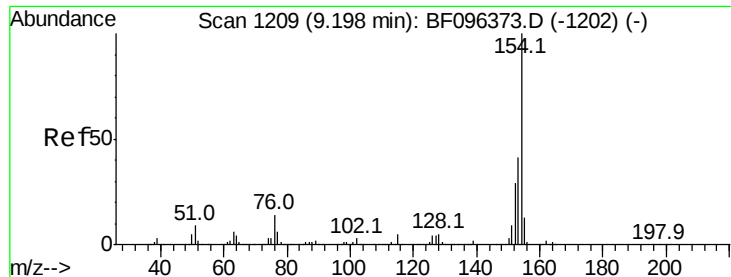
#44
 2-Fluorobiphenyl
 Concen: 58.357 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF096669.D
 Acq: 12 Jul 2017 3:45

Tgt Ion:172 Resp: 527417
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 24.1 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 14.666 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.02 min

Lab File: BF096669.D

Acq: 12 Jul 2017 3:45

Instrument :

BNA_F

ClientSampleId :

E2-P8-BASE

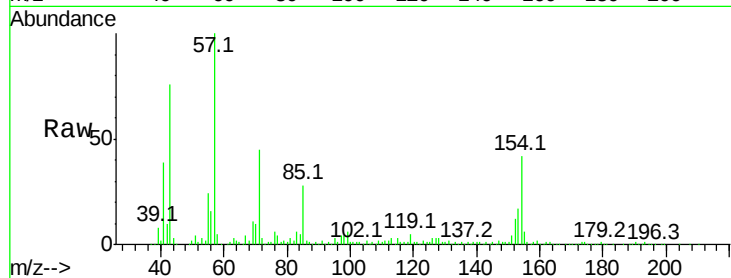
Tot Ion:154 Resp: 194176

Ion Ratio Lower Upper

154 100

153 40.0 21.2 61.2

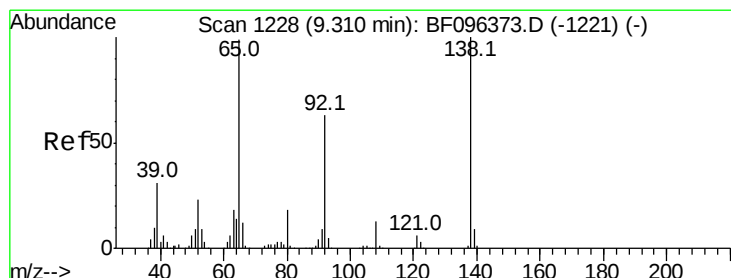
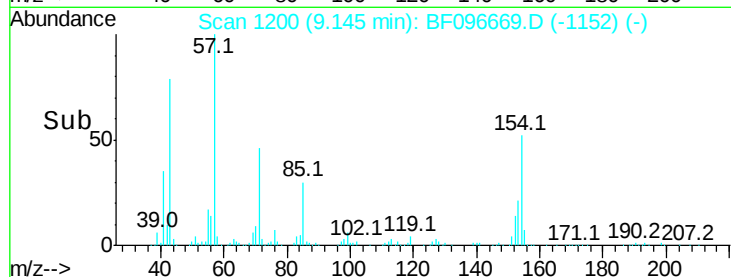
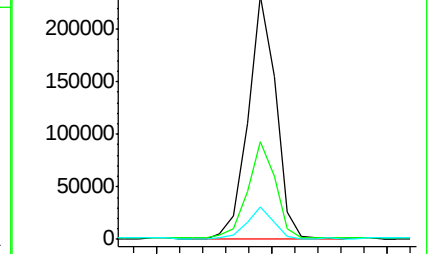
76 13.3 0.0 29.9



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: 3.014 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.03 min

Lab File: BF096669.D

Acq: 12 Jul 2017 3:45

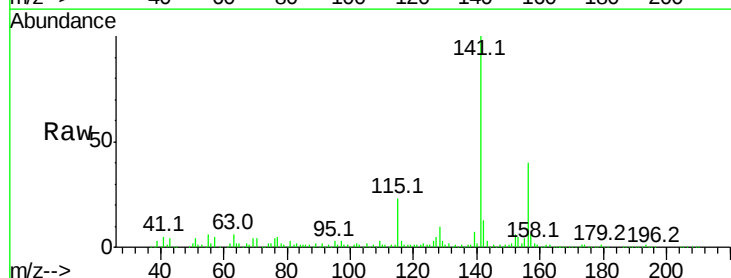
Tgt Ion: 65 Resp: 10821

Ion Ratio Lower Upper

65 100

92 24.5 53.9 80.9#

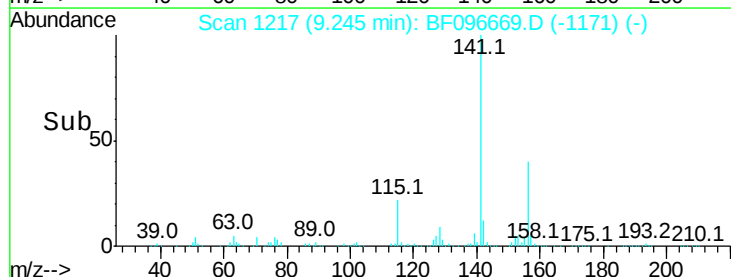
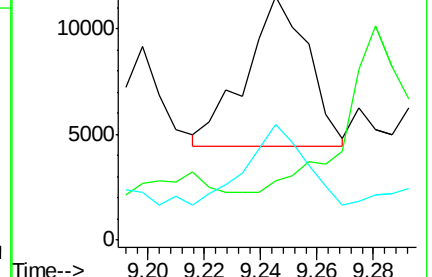
138 47.6 78.8 118.2#

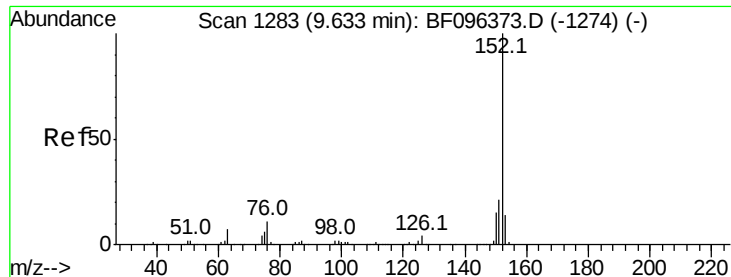


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E

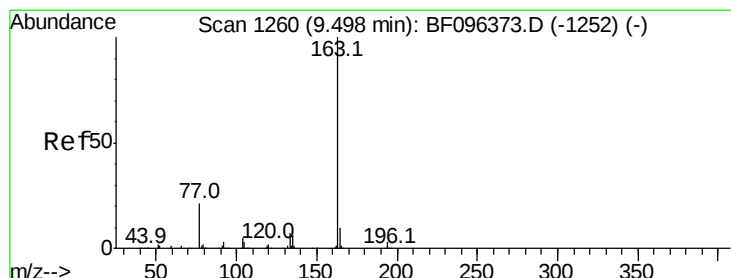
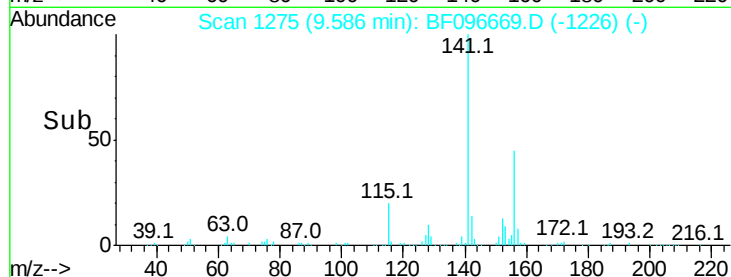
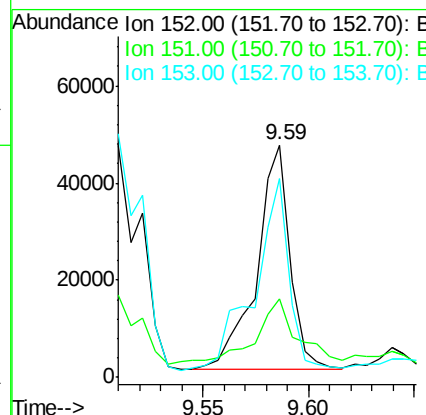
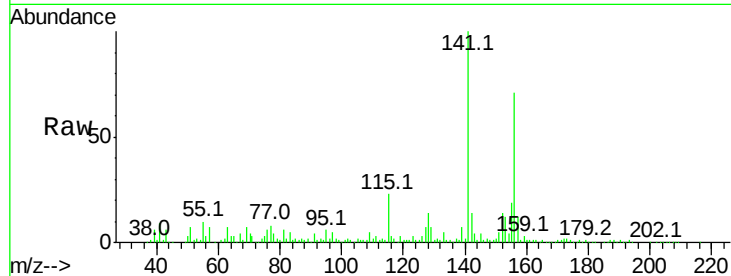




#48
Acenaphthylene
Concen: 3.254 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF096669.D
Acq: 12 Jul 2017 3:45

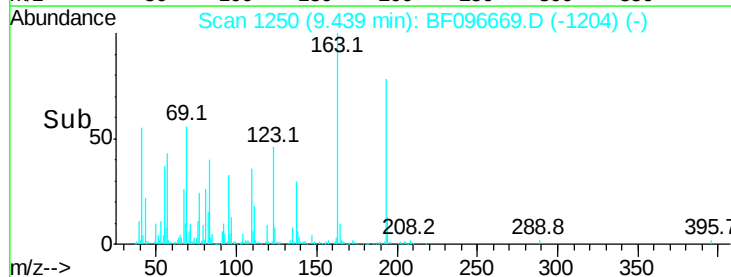
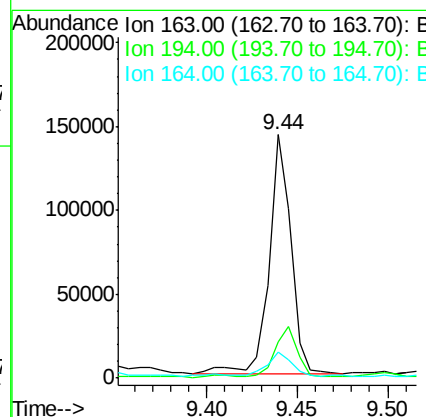
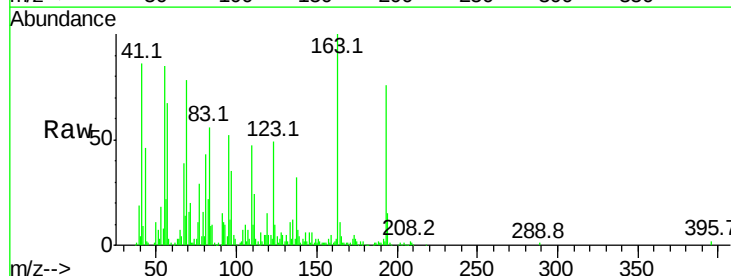
Instrument :
BNA_F
ClientSampled :
E2-P8-BASE

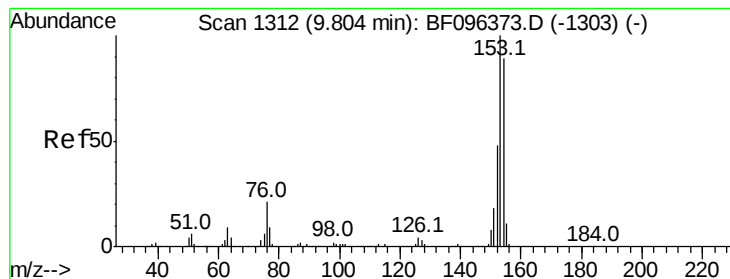
Tot Ion:152 Resp: 50882
Ion Ratio Lower Upper
152 100
151 33.9 16.8 25.2#
153 85.5 10.8 16.2#



#49
Dimethylphthalate
Concen: 10.415 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.03 min
Lab File: BF096669.D
Acq: 12 Jul 2017 3:45

Tgt Ion:163 Resp: 120136
Ion Ratio Lower Upper
163 100
194 15.1 2.6 4.0#
164 10.9 8.4 12.6





#51

Acenaphthene

Concen: 19.215 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF096669.D

Acq: 12 Jul 2017 3:45

Instrument :

BNA_F

ClientSampleId :

E2-P8-BASE

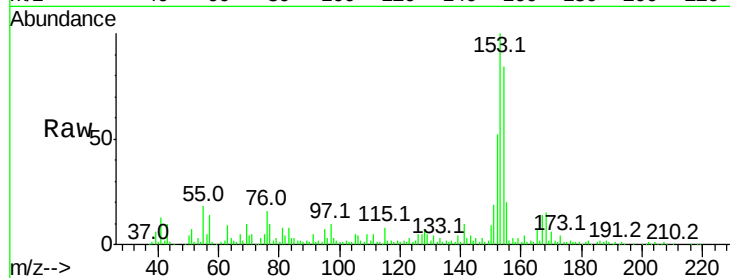
Tot Ion:154 Resp: 185181

Ion Ratio Lower Upper

154 100

153 118.8 90.5 135.7

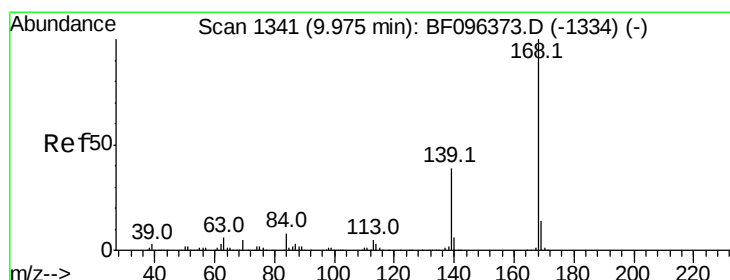
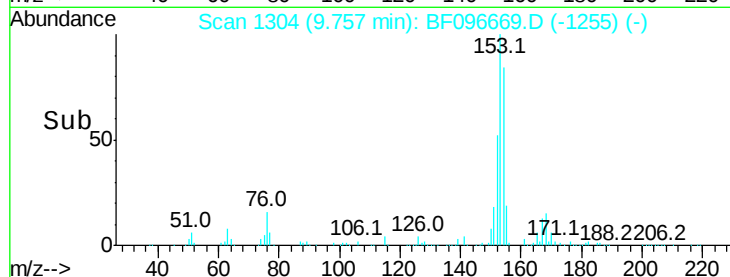
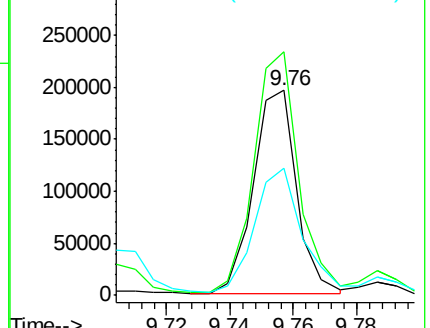
152 61.8 43.6 65.4



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: 8.588 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF096669.D

Acq: 12 Jul 2017 3:45

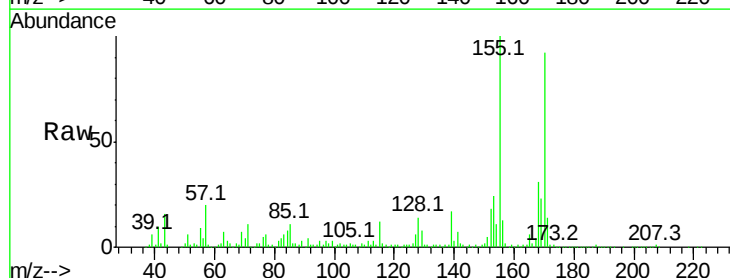
Tgt Ion:168 Resp: 109268

Ion Ratio Lower Upper

168 100

139 53.7 30.6 45.8#

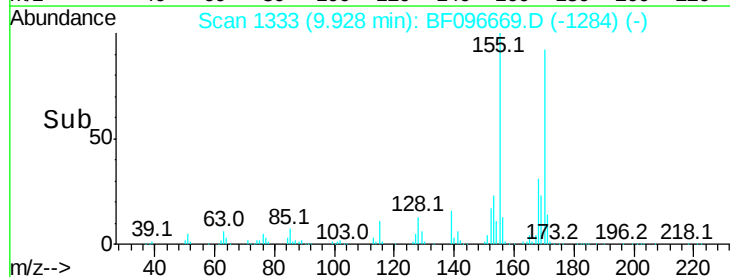
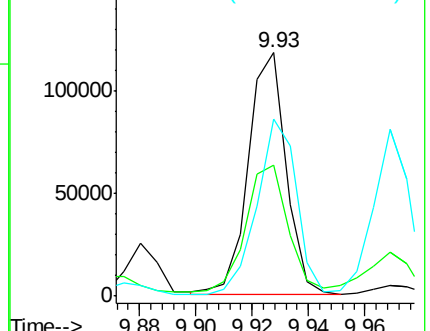
169 72.5 10.8 16.2#

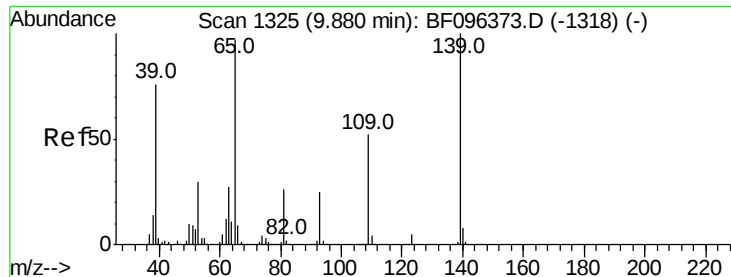


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 8.294 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.11 min

Lab File: BF096669.D

Acq: 12 Jul 2017 3:45

Instrument :

BNA_F

ClientSampleId :

E2-P8-BASE

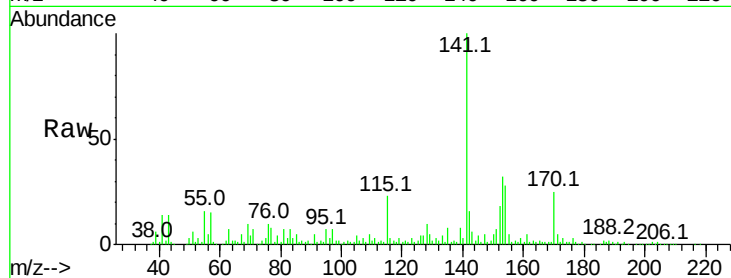
Tot Ion:139 Resp: 21872

Ion Ratio Lower Upper

139 100

109 67.8 34.1 74.1

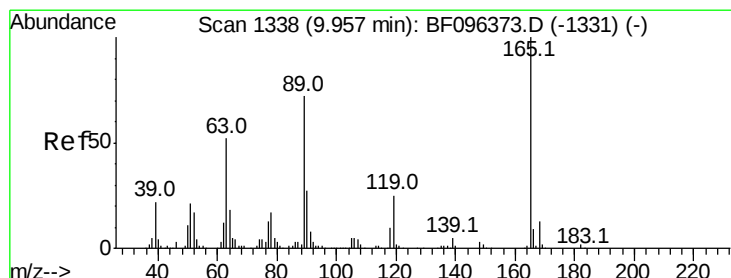
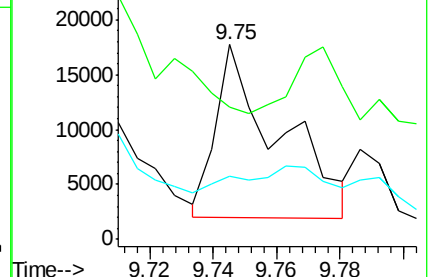
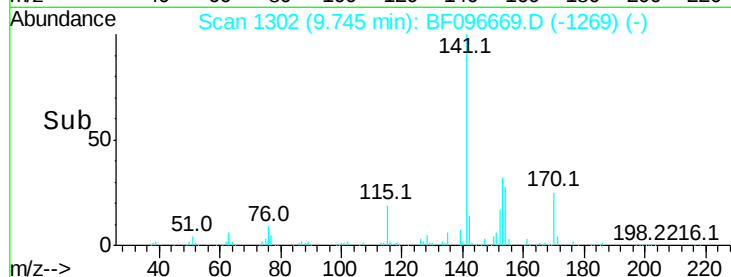
65 32.7 31.4 71.4



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 7.354 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF096669.D

Acq: 12 Jul 2017 3:45

Tgt Ion:165 Resp: 23755

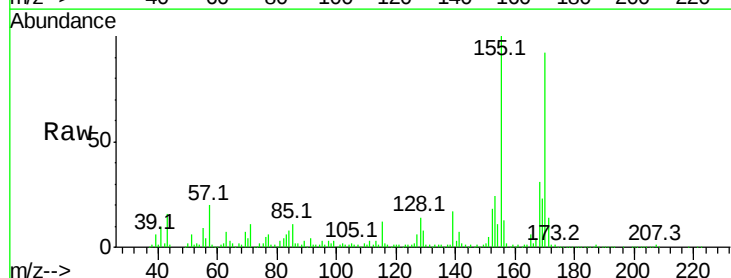
Ion Ratio Lower Upper

165 100

63 119.4 25.4 38.0#

89 47.1 46.4 69.6

182 7.5 1.8 2.6#

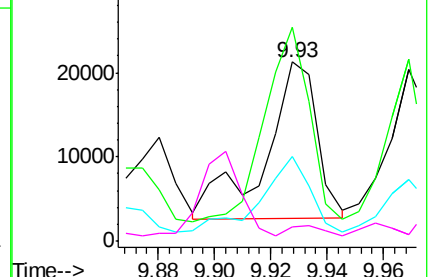
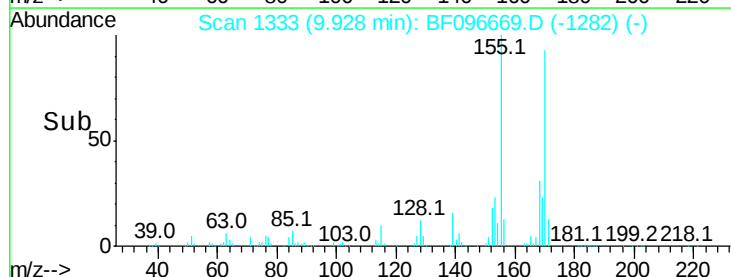


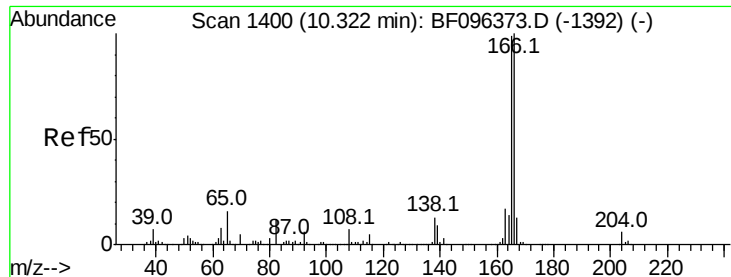
Abundance Ion 165.00 (164.70 to 165.70): E

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

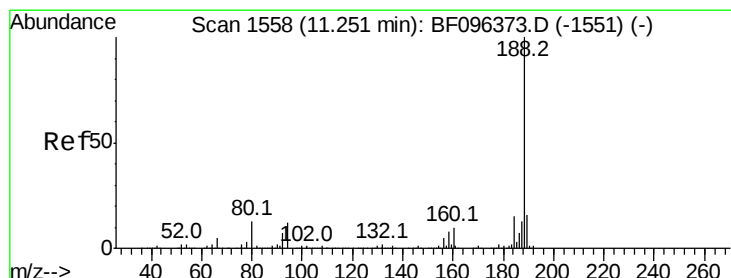
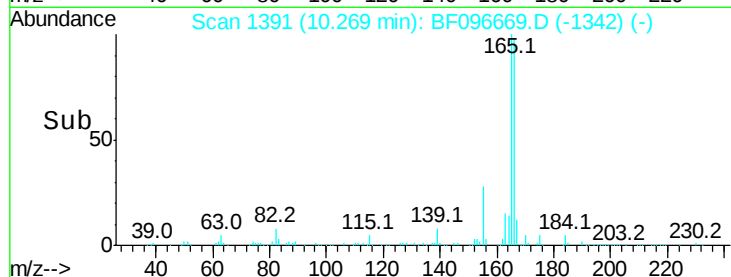
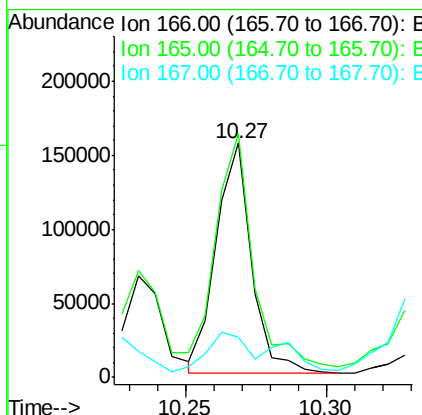
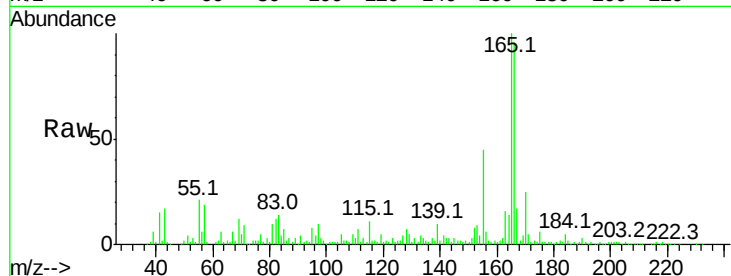




#57
Fluorene
 Concen: 15.129 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: BF096669.D
 Acq: 12 Jul 2017 3:45

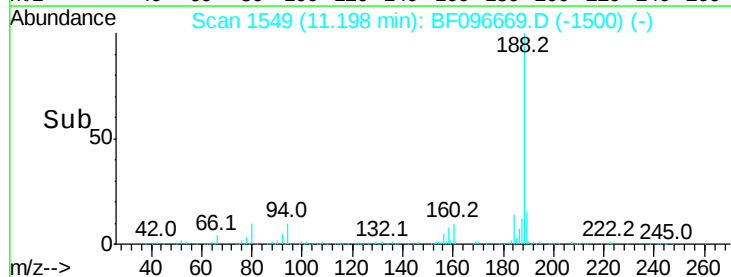
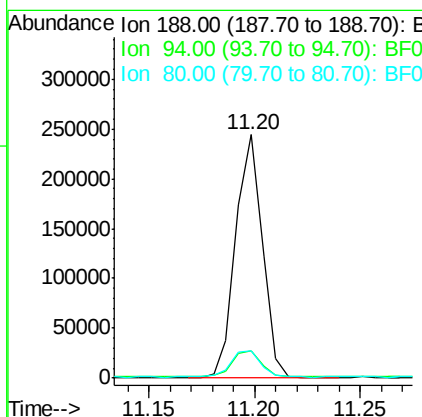
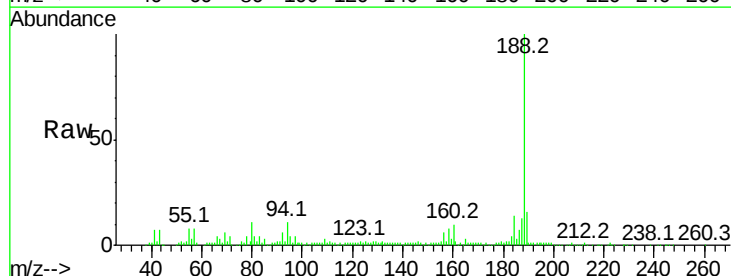
Instrument :
 BNA_F
 ClientSampleId :
 E2-P8-BASE

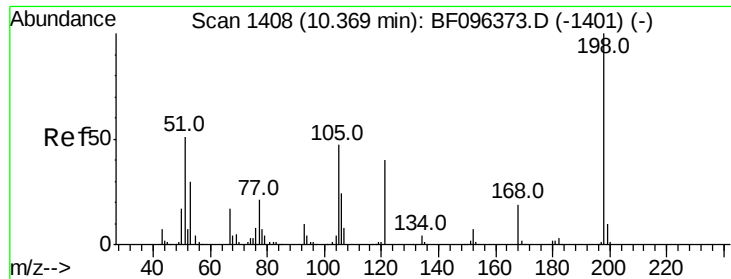
Tot Ion:166 Resp: 135950
 Ion Ratio Lower Upper
 166 100
 165 104.0 78.8 118.2
 167 17.2 10.6 16.0#



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF096669.D
 Acq: 12 Jul 2017 3:45

Tgt Ion:188 Resp: 213267
 Ion Ratio Lower Upper
 188 100
 94 11.0 9.4 14.2
 80 11.0 10.2 15.2





#64

4,6-Dinitro-2-methylphenol

Concen: 2.262 ng

RT: 10.33 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF096669.D

Acq: 12 Jul 2017 3:45

Instrument :

BNA_F

ClientSampleId :

E2-P8-BASE

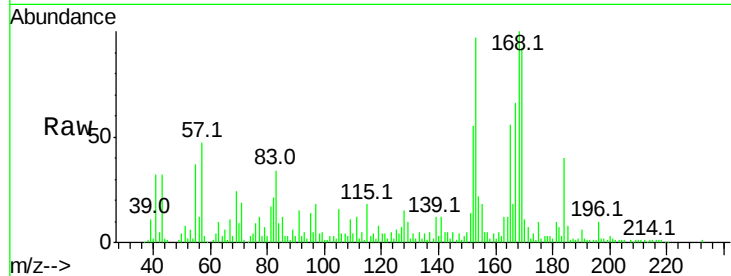
Tot Ion:198 Resp: 3327

Ion Ratio Lower Upper

198 100

51 345.6 53.2 93.2#

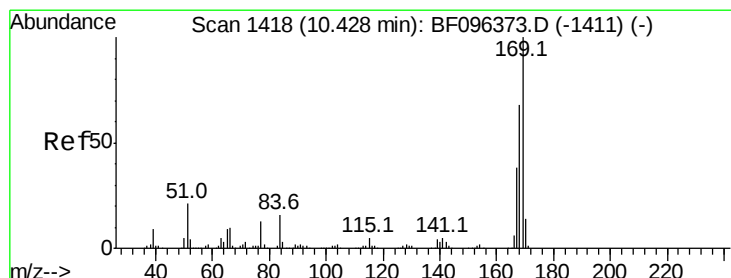
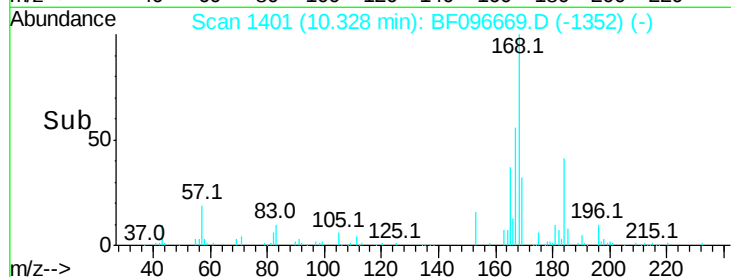
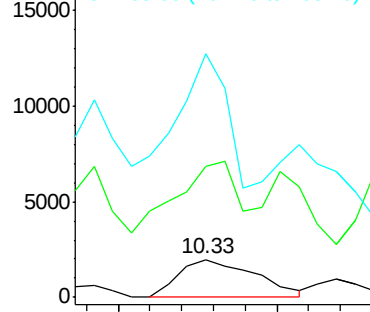
105 644.3 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 16.796 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.02 min

Lab File: BF096669.D

Acq: 12 Jul 2017 3:45

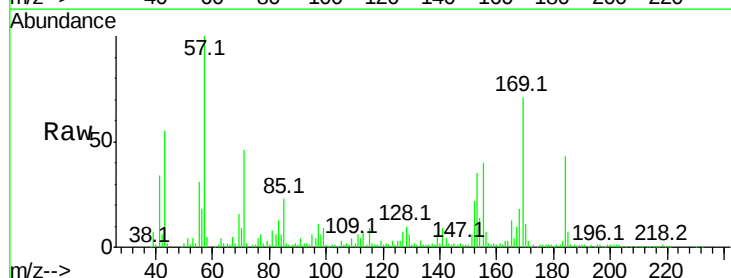
Tgt Ion:169 Resp: 125681

Ion Ratio Lower Upper

169 100

168 25.5 53.2 79.8#

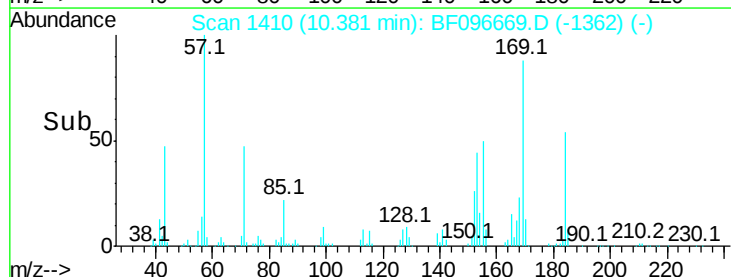
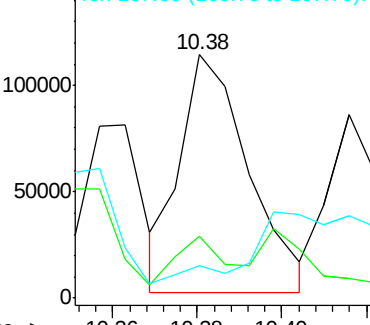
167 13.4 29.5 44.3#

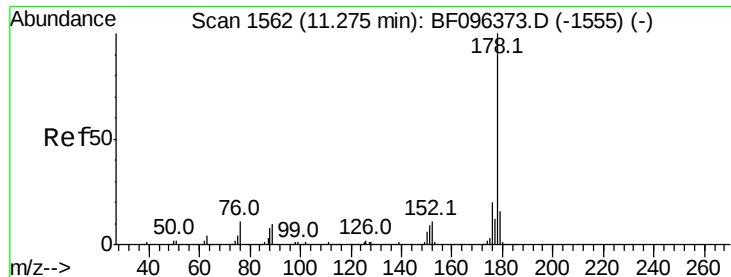


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 30.747 ng

RT: 11.22 min Scan# 1553

Delta R.T. -0.02 min

Lab File: BF096669.D

Acq: 12 Jul 2017 3:45

Instrument :

BNA_F

ClientSampleId :

E2-P8-BASE

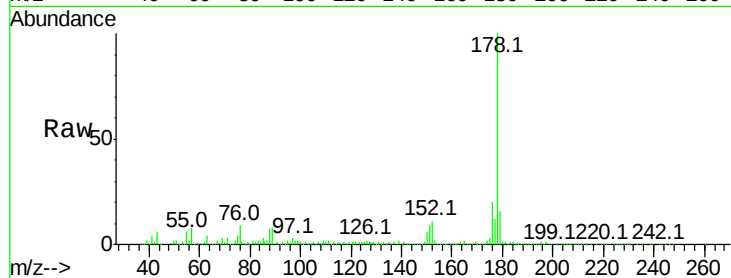
Tot Ion:178 Resp: 354479

Ion Ratio Lower Upper

178 100

176 19.6 16.2 24.4

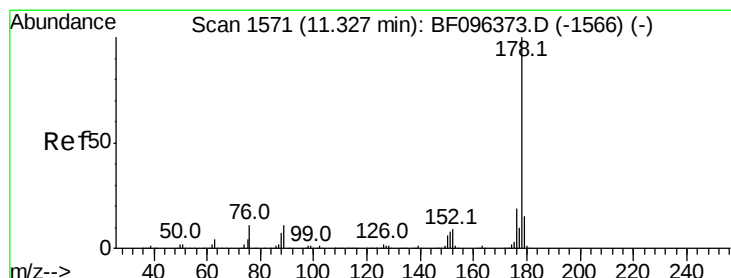
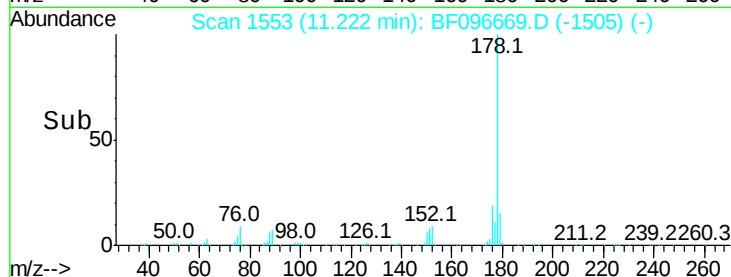
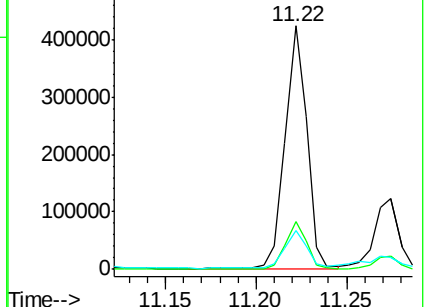
179 16.0 12.6 19.0



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: 9.042 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.02 min

Lab File: BF096669.D

Acq: 12 Jul 2017 3:45

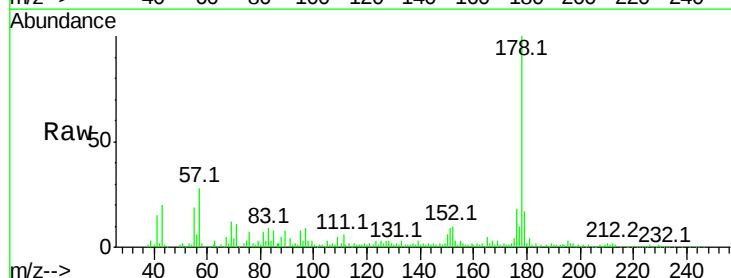
Tgt Ion:178 Resp: 106227

Ion Ratio Lower Upper

178 100

176 18.1 15.8 23.8

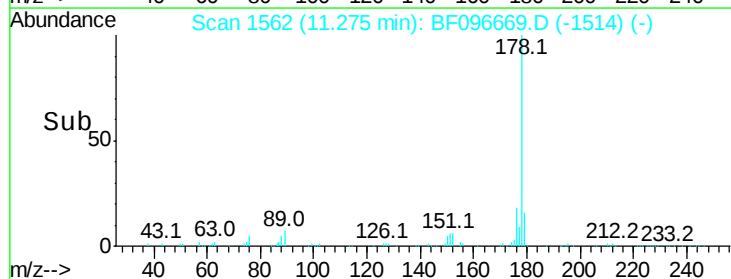
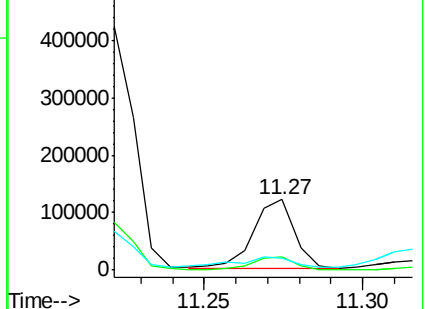
179 17.2 12.7 19.1

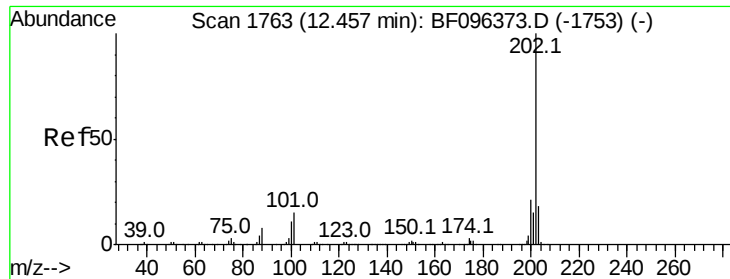


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

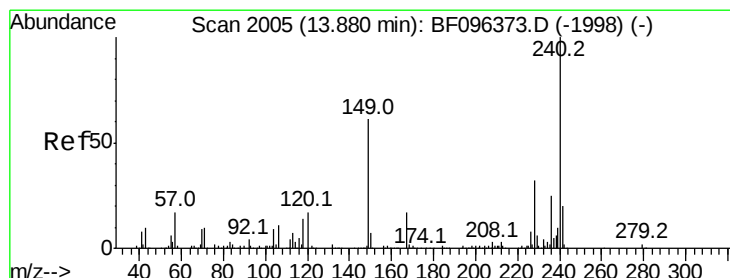
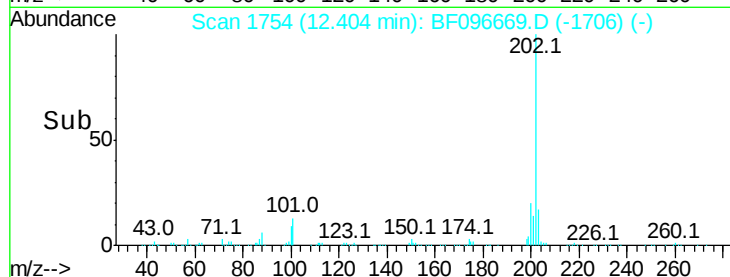
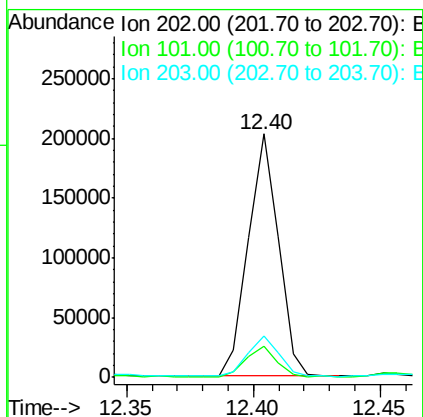
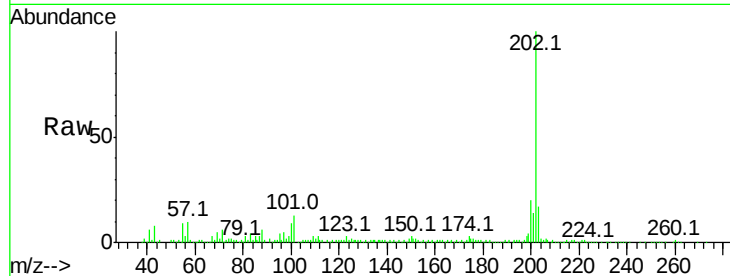




#74
 Fluoranthene
 Concen: 15.010 ng
 RT: 12.40 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BF096669.D
 Acq: 12 Jul 2017 3:45

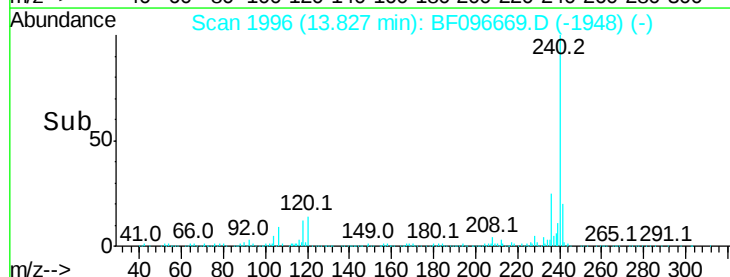
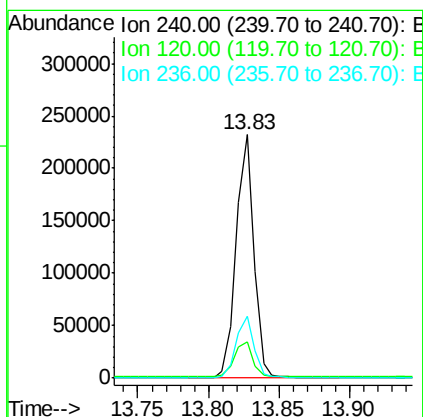
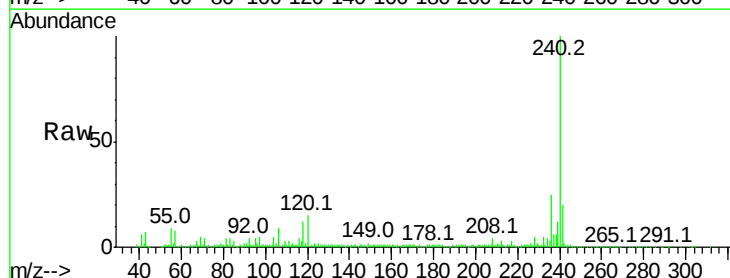
Instrument :
 BNA_F
 ClientSampled :
 E2-P8-BASE

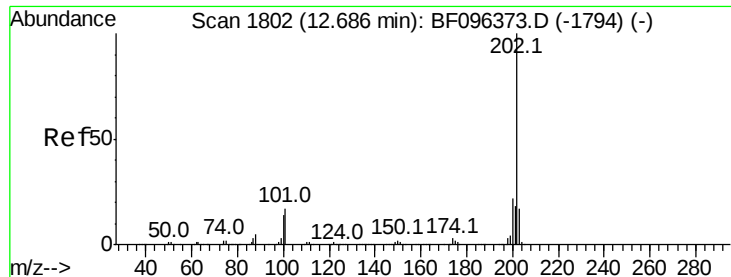
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	33.2
203	17.1	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.02 min
 Lab File: BF096669.D
 Acq: 12 Jul 2017 3:45

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.7	5.8	8.8#
236	25.5	20.5	30.7





#77

Pvrene

Concen: 10.040 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.02 min

Lab File: BF096669.D

Acq: 12 Jul 2017 3:45

Instrument :

BNA_F

ClientSampleId :

E2-P8-BASE

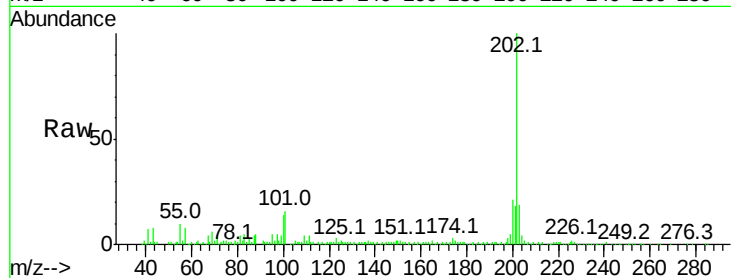
Tot Ion:202 Resp: 163040

Ion Ratio Lower Upper

202 100

200 20.8 17.6 26.4

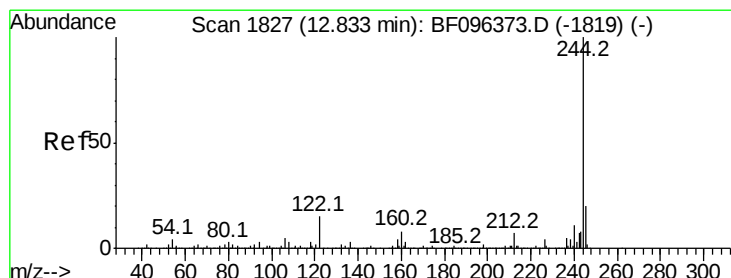
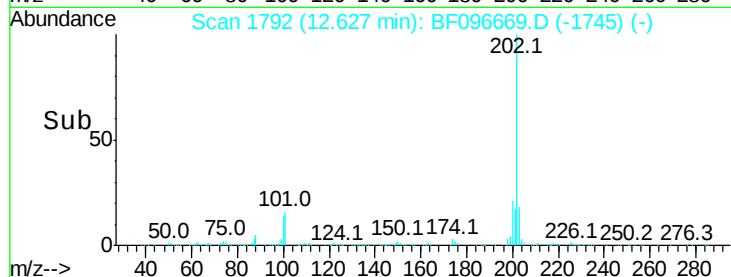
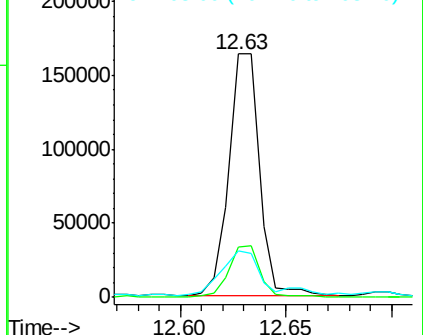
203 19.1 14.4 21.6



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: 30.723 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF096669.D

Acq: 12 Jul 2017 3:45

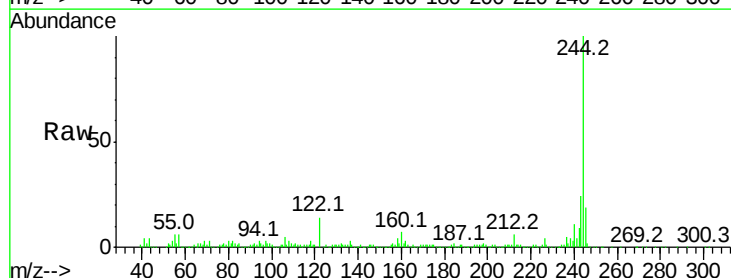
Tgt Ion:244 Resp: 290877

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

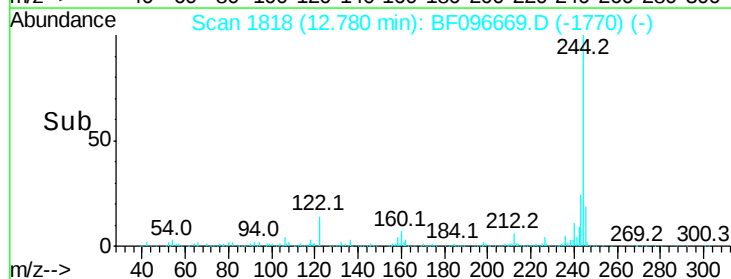
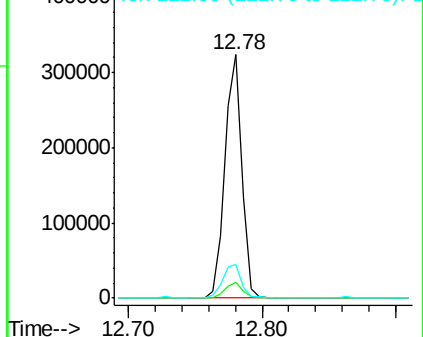
122 14.0 10.3 15.5

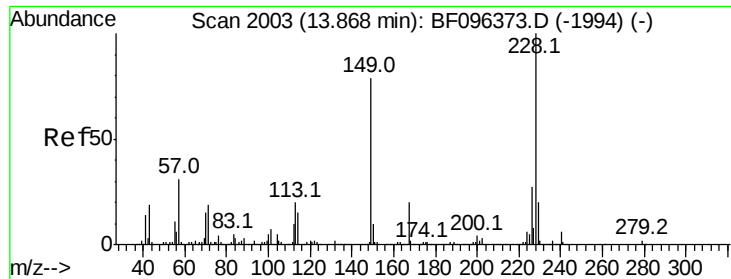


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 5.391 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BF096669.D

Acq: 12 Jul 2017 3:45

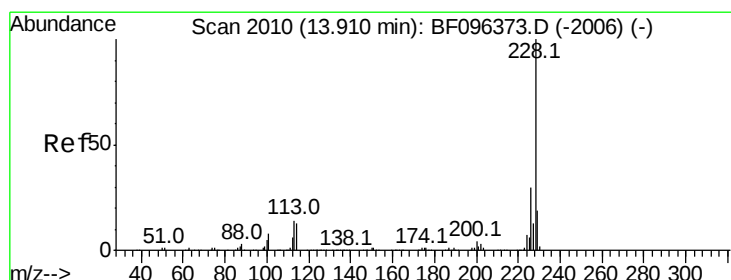
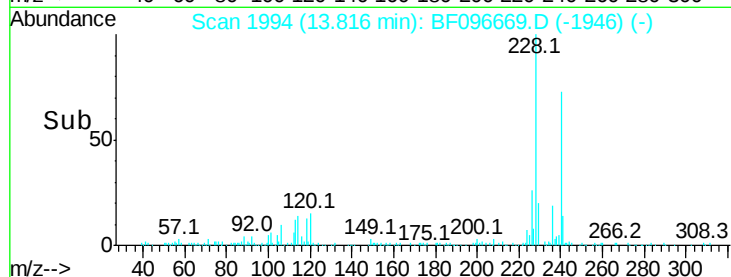
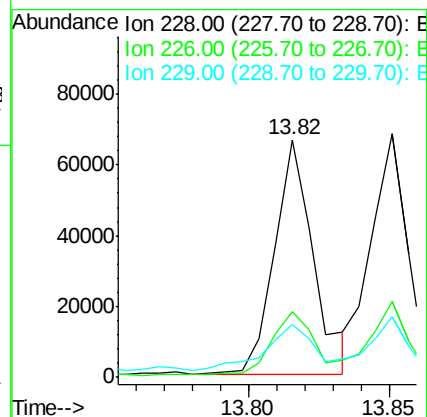
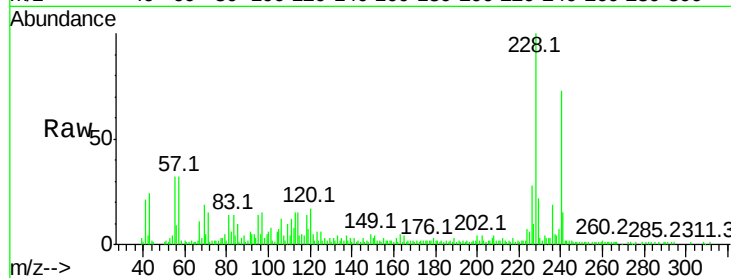
Instrument :

BNA_F

ClientSampleId :

E2-P8-BASE

Tot Ion:	228	Resp:	63165
Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	22.3	16.3	24.5



#82

Chrysene

Concen: 5.148 ng

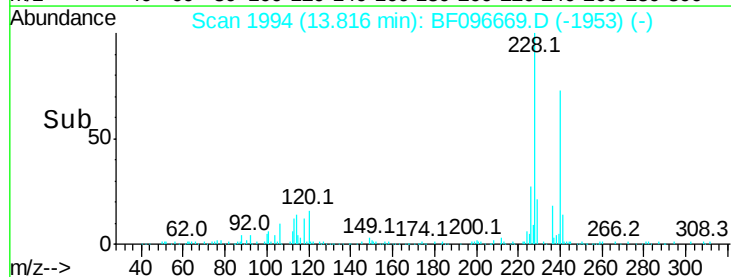
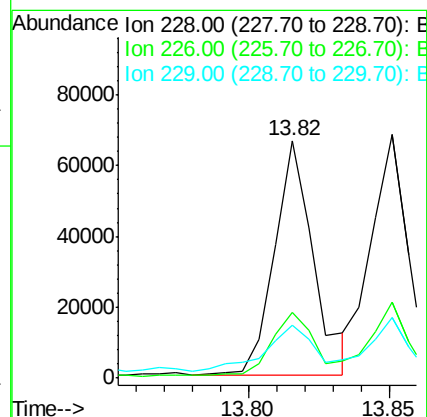
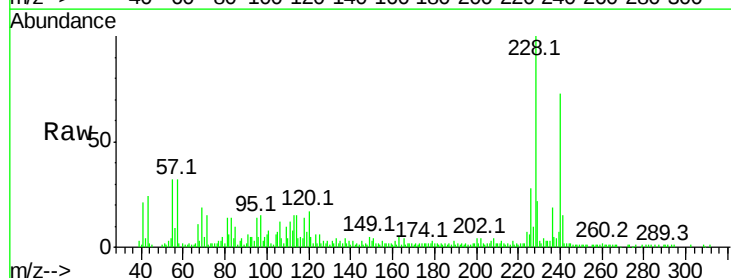
RT: 13.82 min Scan# 1994

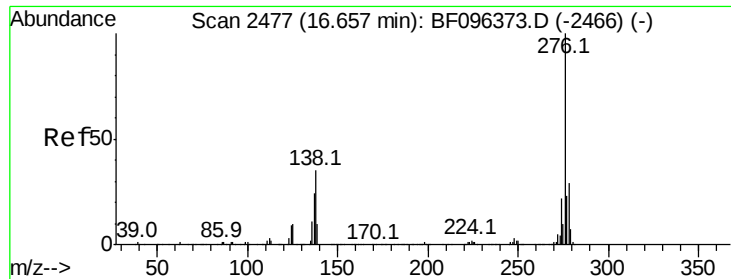
Delta R.T. -0.06 min

Lab File: BF096669.D

Acq: 12 Jul 2017 3:45

Tgt Ion:	228	Resp:	63165
Ion	Ratio	Lower	Upper
228	100		
226	27.5	24.9	37.3
229	22.3	15.8	23.6

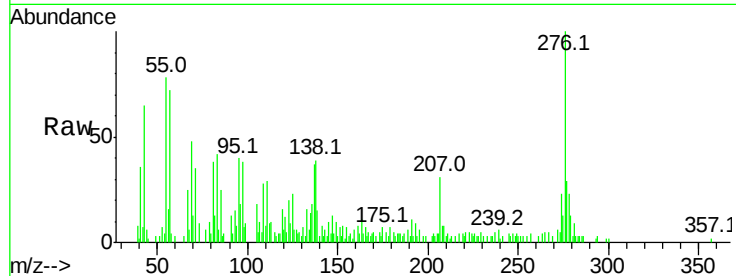




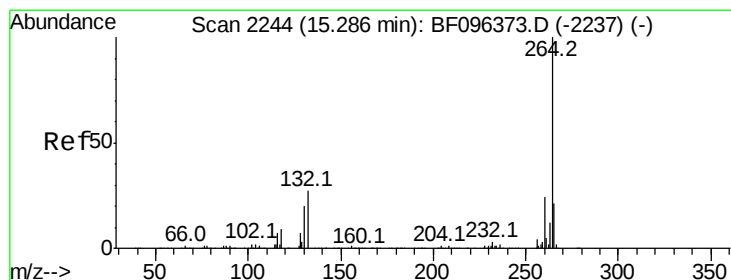
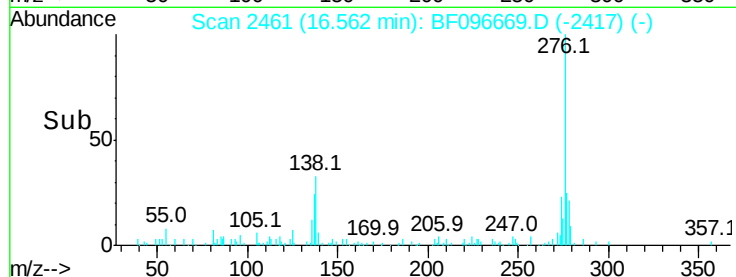
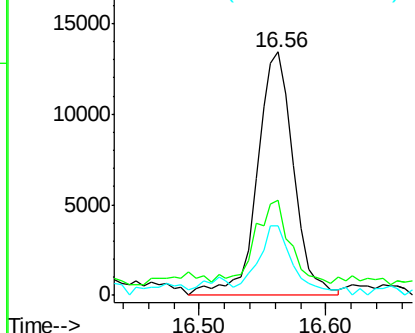
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.759 ng
 RT: 16.56 min Scan# 2461
 Delta R.T. -0.04 min
 Lab File: BF096669.D
 Acq: 12 Jul 2017 3:45

Instrument :
 BNA_F
 ClientSampleId :
 E2-P8-BASE

Tot Ion:276 Resp: 26718
 Ion Ratio Lower Upper
 276 100
 138 34.2 27.8 41.6
 277 28.8 20.2 30.4

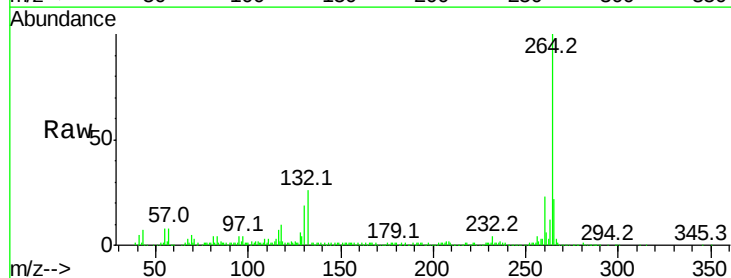


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

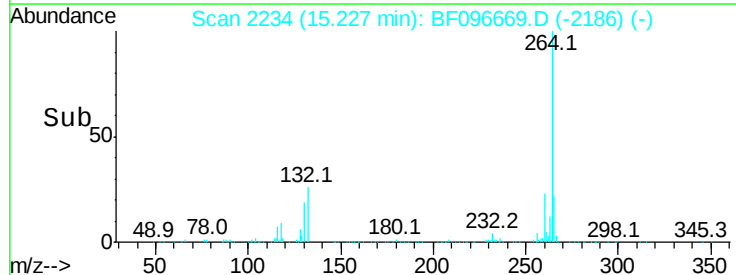
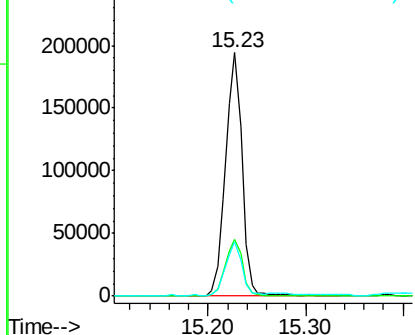


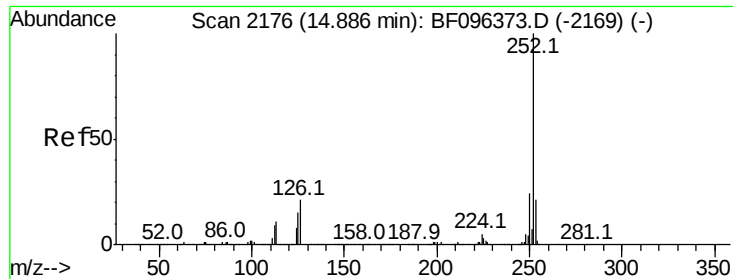
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.02 min
 Lab File: BF096669.D
 Acq: 12 Jul 2017 3:45

Tgt Ion:264 Resp: 231362
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 22.0 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: 6.609 ng

RT: 14.83 min Scan# 2166

Delta R.T. -0.02 min

Lab File: BF096669.D

Acq: 12 Jul 2017 3:45

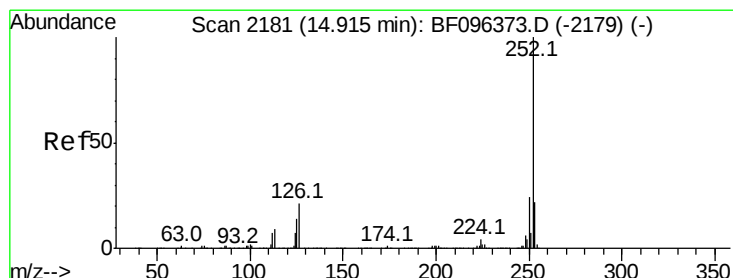
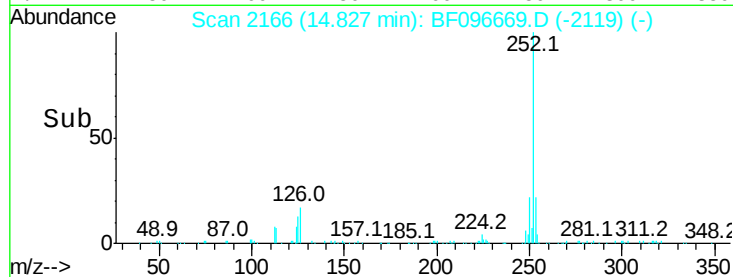
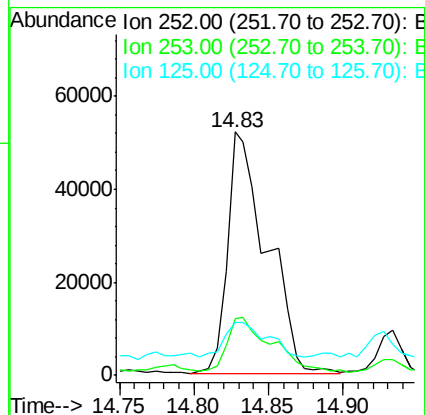
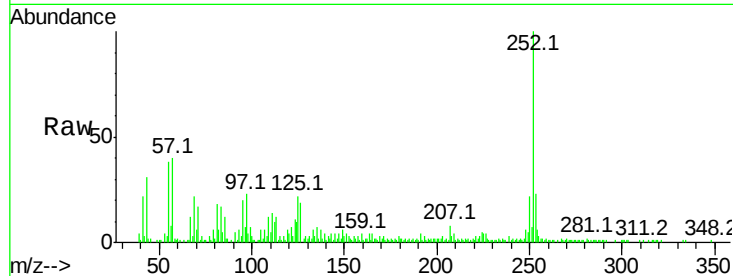
Instrument :

BNA_F

ClientSampleId :

E2-P8-BASE

Tot Ion:	252	Resp:	95812
Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	21.9	9.8	14.8#



#88

Benzo(k)fluoranthene

Concen: 7.388 ng

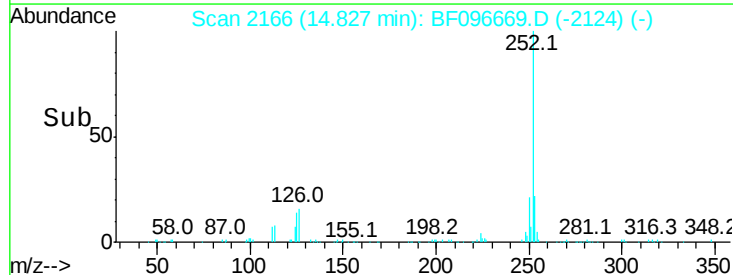
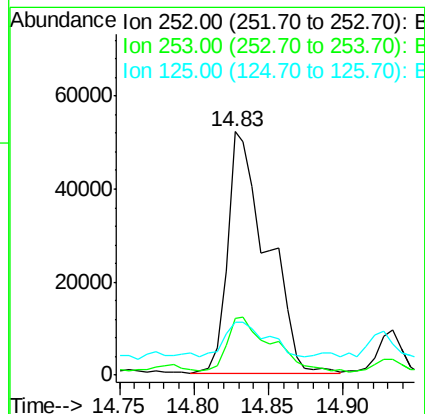
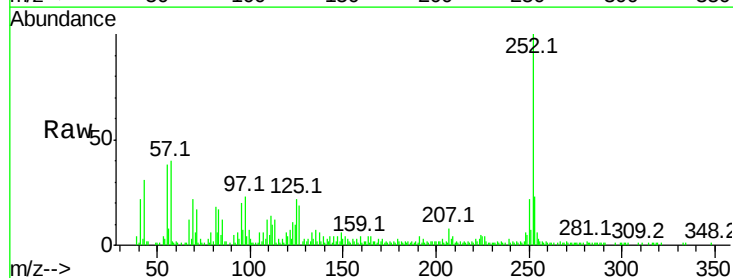
RT: 14.83 min Scan# 2166

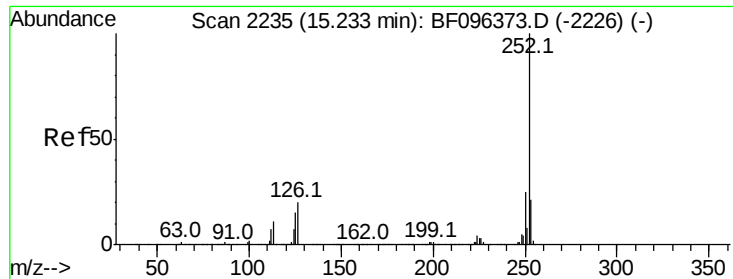
Delta R.T. -0.05 min

Lab File: BF096669.D

Acq: 12 Jul 2017 3:45

Tgt Ion:	252	Resp:	95812
Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	21.9	13.1	19.7#

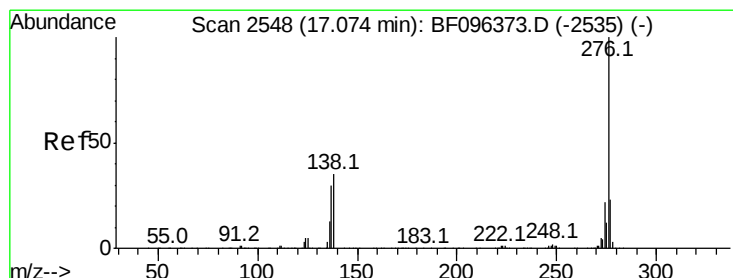
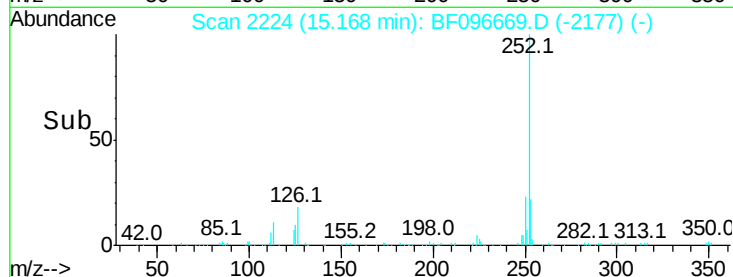
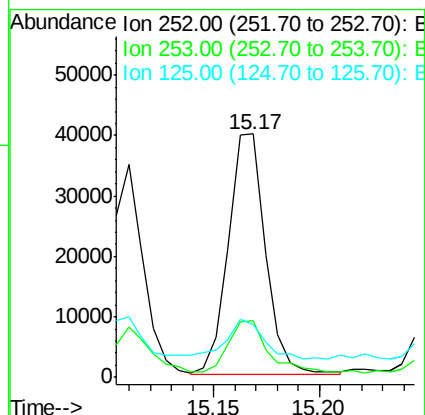
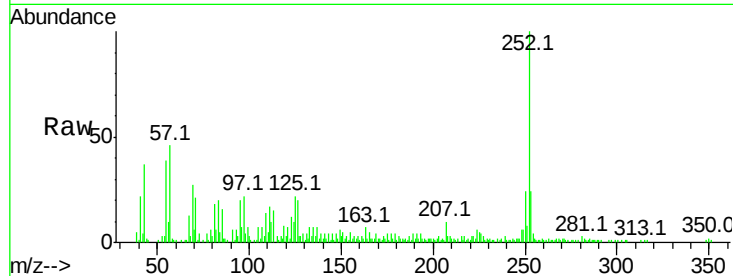




#89
Benzo(a)pyrene
Concen: 3.719 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.02 min
Lab File: BF096669.D
Acq: 12 Jul 2017 3:45

Instrument :
BNA_F
ClientSampleId :
E2-P8-BASE

Tot Ion:252 Resp: 48130
Ion Ratio Lower Upper
252 100
253 23.5 17.5 26.3
125 21.6 11.0 16.4#



#91
Benzo(g,h,i)perylene
Concen: 2.162 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.05 min
Lab File: BF096669.D
Acq: 12 Jul 2017 3:45

Tgt Ion:276 Resp: 22811
Ion Ratio Lower Upper
276 100
277 24.7 18.6 28.0
138 42.8 25.4 38.0#

