

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020817\
 Data File : BF092874.D
 Acq On : 9 Feb 2017 00:52
 Operator : SJ/MA
 Sample : I1754-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-B2021-CONCRETE

Quant Time: Feb 09 02:36:35 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 23:48:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	140361	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	571750	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	310419	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	525993	20.00	ng	0.00
75) Chrysene-d12	14.05	240	441705	20.00	ng	-0.01
86) Perylene-d12	15.51	264	390742	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	2444	0.30	ng	0.01
7) Phenol-d6	6.52	99	207370	19.70	ng	-0.01
23) Nitrobenzene-d5	7.46	82	783754	76.34	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.25	172	1265447	73.85	ng	-0.01
78) Terphenyl-d14	13.00	244	1371202	72.94	ng	-0.01

Target Compounds						Qvalue
10) Phenol	6.53	94	204138	16.57	ng	# 72
17) 2-Methylphenol	7.15	107	105171	13.58	ng	# 92
19) n-Nitroso-di-n-propylamine	7.46	70	108958	16.26	ng	# 81
20) 3+4-Methylphenols	7.31	107	285523	30.84	ng	# 70
25) Isophorone	7.46	82	775756	40.55	ng	# 65
27) 2,4-Dimethylphenol	7.84	122	78499	8.92	ng	94
31) Naphthalene	8.20	128	1405782	48.50	ng	99
32) Benzoic acid	7.96	122	89326	22.40	ng	# 13
33) 4-Chloroaniline	8.20	127	191054	16.81	ng	# 36
37) 2-Methylnaphthalene	8.89	142	586764	31.53	ng	99
45) 1,1'-Biphenyl	9.36	154	196812	8.76	ng	97
48) Acenaphthylene	9.79	152	90835	2.99	ng	97
49) Dimethylphthalate	9.65	163	135504	6.48	ng	99
51) Acenaphthene	9.97	154	723697	39.85	ng	97
53) 2,4-Dinitrophenol	10.22	184	598	4.98	ng	# 30
54) Dibenzofuran	10.13	168	830627	34.19	ng	98
55) 4-Nitrophenol	10.13	139	295635	79.43	ng	# 6
57) Fluorene	10.49	166	897541	48.03	ng	98
64) 4,6-Dinitro-2-methylphenol	10.67	198	302	2.76	ng	# 1
65) n-Nitrosodiphenylamine	10.57	169	62584	3.72	ng	# 1
70) Phenanthrene	11.46	178	3269371	108.49	ng	99
71) Anthracene	11.49	178	485823	16.05	ng	98
72) Carbazole	11.65	167	255855	8.84	ng	# 96
74) Fluoranthene	12.64	202	1823468	58.66	ng	99
77) Pyrene	12.86	202	1471980	44.53	ng	99
80) Benzo(a)anthracene	14.04	228	507463	18.78	ng	98
82) Chrysene	14.04	228	507463	20.06	ng	96
85) Indeno(1,2,3-cd)pyrene	16.92	276	55020	2.81	ng	# 85
87) Benzo(b)fluoranthene	15.08	252	380293	14.79	ng	99
88) Benzo(k)fluoranthene	15.08	252	380293	17.13	ng	97
89) Benzo(a)pyrene	15.44	252	162680	7.31	ng	97
91) Benzo(g,h,i)perylene	17.36	276	51491	2.83	ng	# 92

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Misc :
ALS Vial : 22 Sample Multiplier: 1

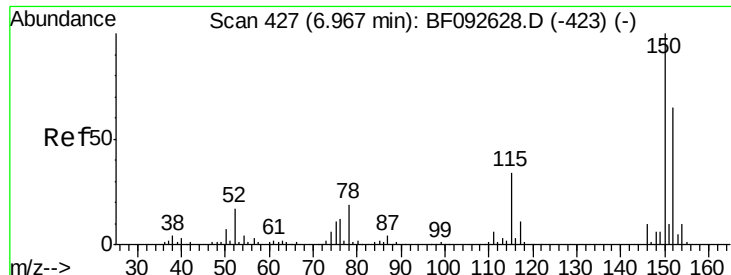
Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETE

Quant Time: Feb 09 02:36:35 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial  : 22 Sample Multiplier: 1
```



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF092874.D

Acq: 9 Feb 2017 00:52

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETE

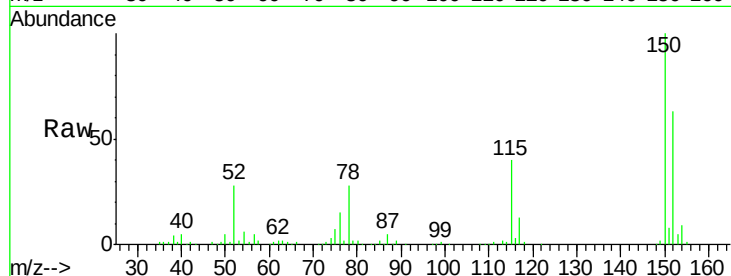
Tgt Ion:152 Resp: 140361

Ion Ratio Lower Upper

152 100

150 159.5 124.9 187.3

115 64.1 46.0 69.0

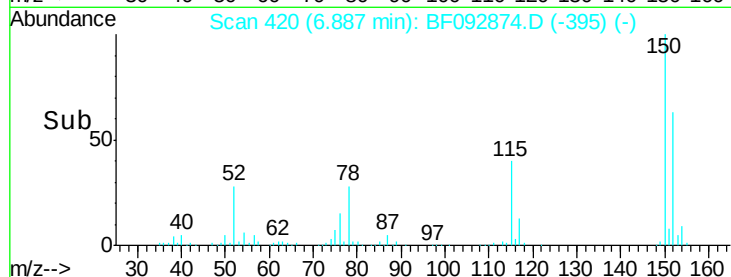


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



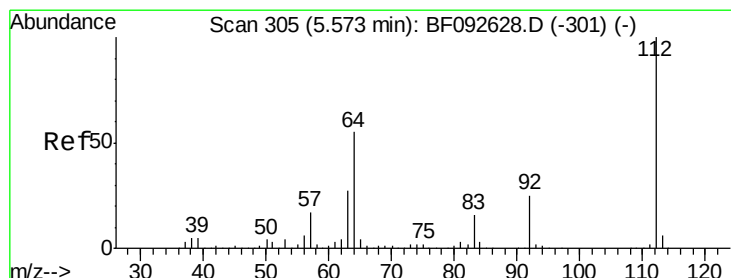
Abundance

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

Time-->



#5

2-Fluorophenol

Concen: 0.30 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF092874.D

Acq: 9 Feb 2017 00:52

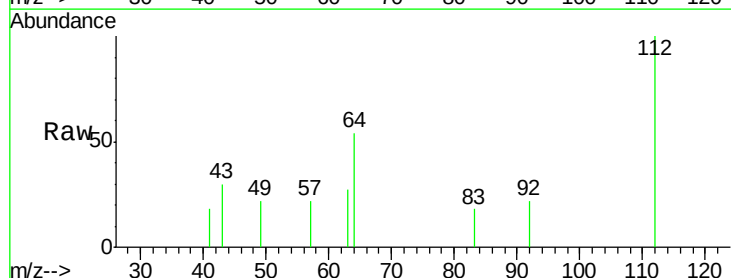
Tgt Ion:112 Resp: 2444

Ion Ratio Lower Upper

112 100

64 53.6 46.1 69.1

63 26.8 23.8 35.6

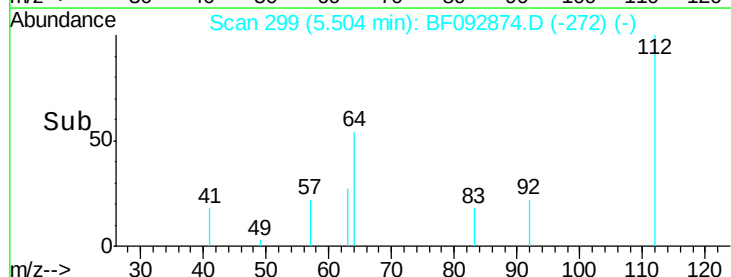


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->



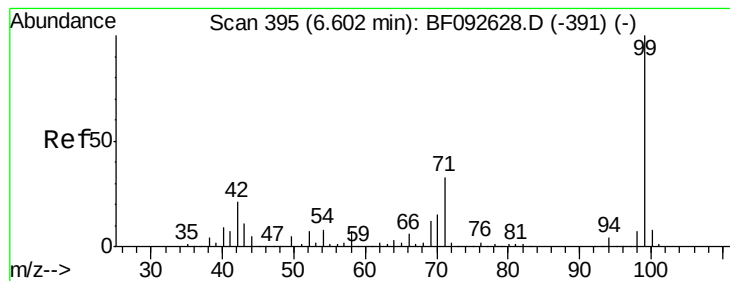
Abundance

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

Time-->



#7

Phenol-d6

Concen: 19.70 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092874.D

Acq: 9 Feb 2017 00:52

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETE

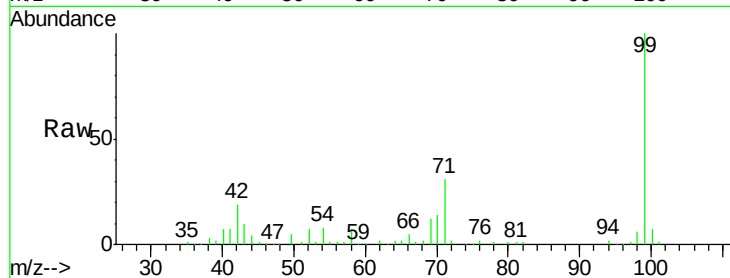
Tgt Ion: 99 Resp: 207370

Ion Ratio Lower Upper

99 100

42 19.2 15.6 23.4

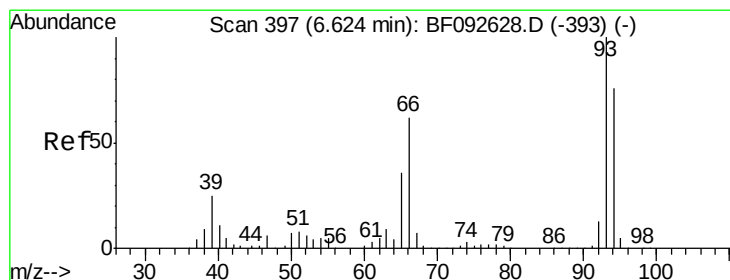
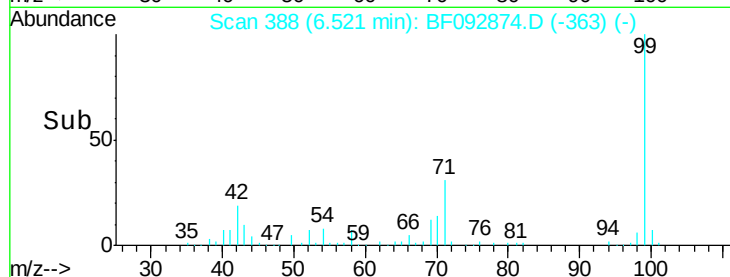
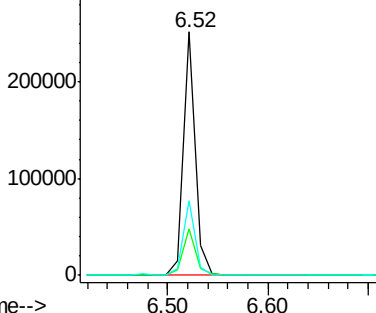
71 30.7 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 16.57 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF092874.D

Acq: 9 Feb 2017 00:52

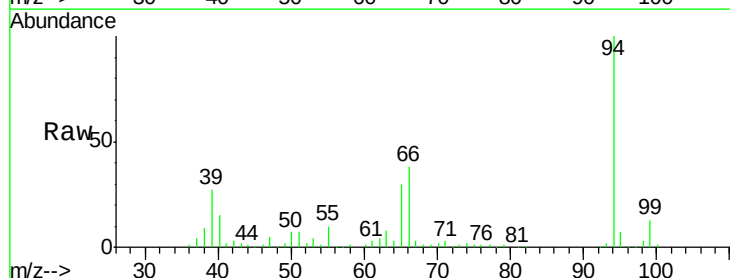
Tgt Ion: 94 Resp: 204138

Ion Ratio Lower Upper

94 100

65 29.6 21.4 61.4

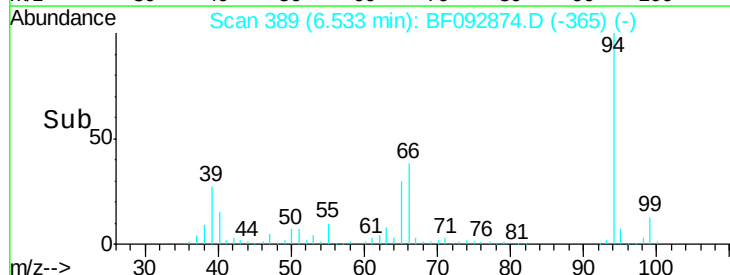
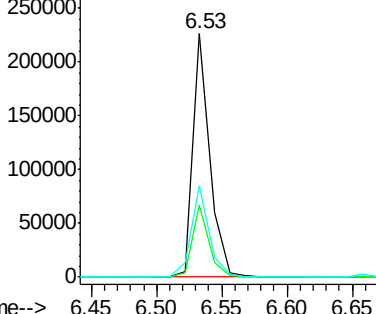
66 37.7 44.0 84.0#

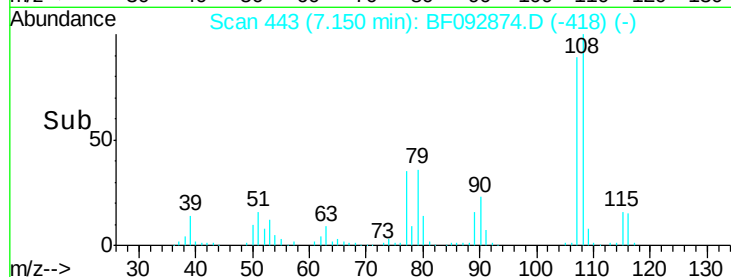
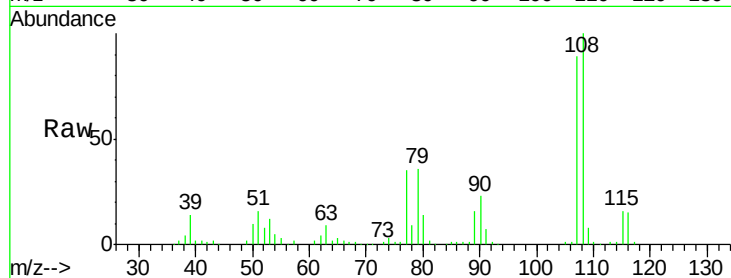
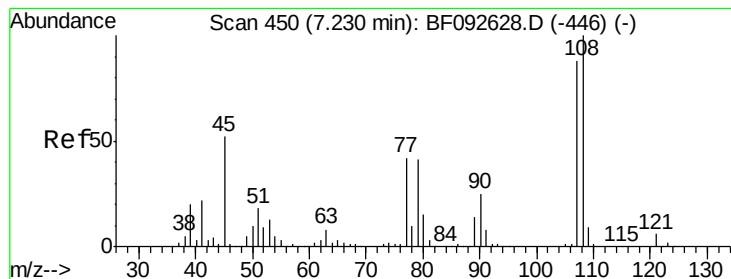


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#17

2-Methylphenol

Concen: 13.58 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF092874.D

Acq: 9 Feb 2017 00:52

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETE

Tgt Ion: 107 Resp: 105171

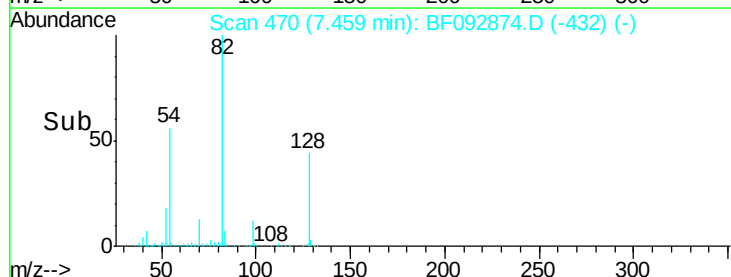
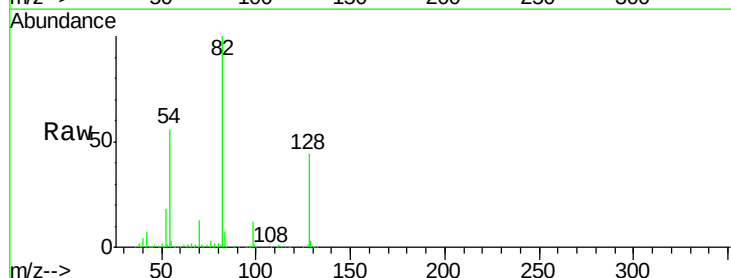
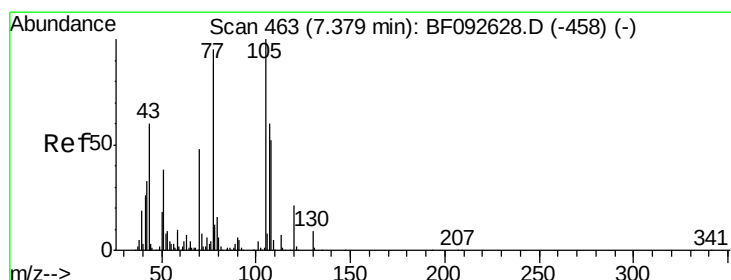
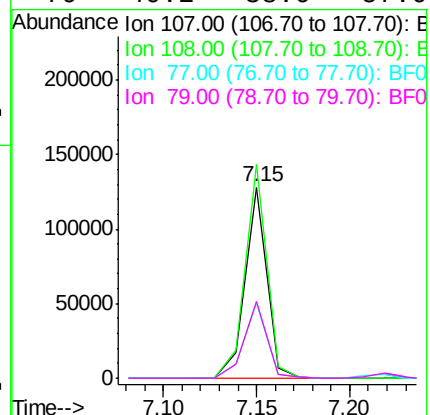
Ion Ratio Lower Upper

107 100

108 112.0 93.0 139.6

77 39.5 39.8 59.8#

79 40.2 38.0 57.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.26 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.14 min

Lab File: BF092874.D

Acq: 9 Feb 2017 00:52

Tgt Ion: 70 Resp: 108958

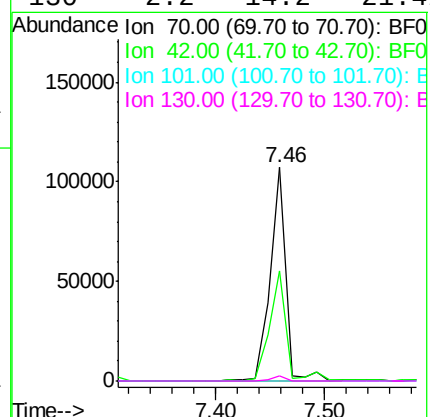
Ion Ratio Lower Upper

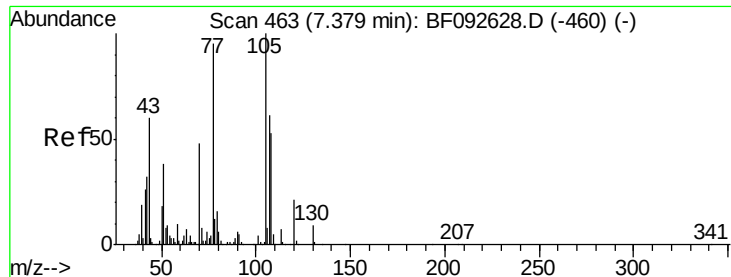
70 100

42 51.7 49.4 74.0

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#





#20

3+4-Methylphenols

Concen: 30.84 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF092874.D

Acq: 9 Feb 2017 00:52

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETE

Tgt Ion:107 Resp: 285523

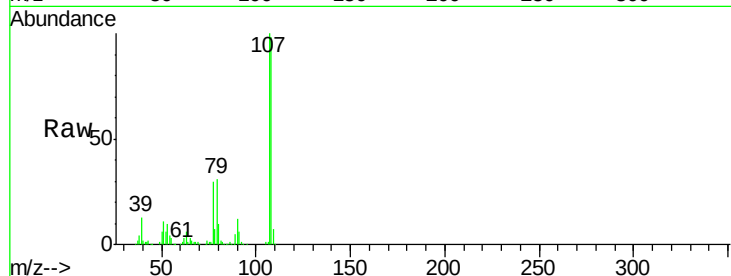
Ion Ratio Lower Upper

107 100

108 98.4 73.0 113.0

77 29.6 71.3 111.3#

79 30.9 11.1 51.1

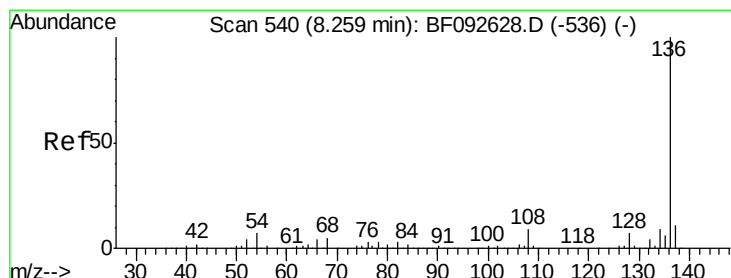
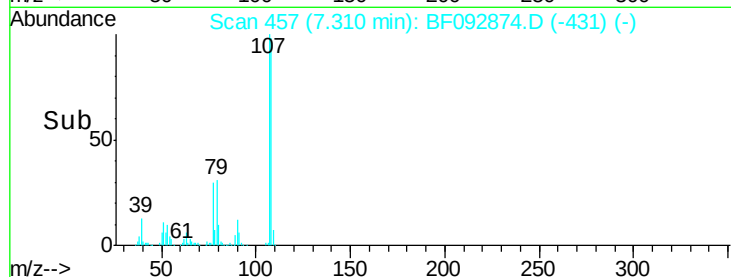
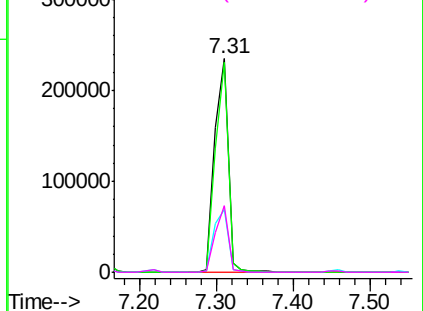


Abundance Ion 107.00 (106.70 to 107.70): E

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: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF092874.D

Acq: 9 Feb 2017 00:52

Tgt Ion:136 Resp: 571750

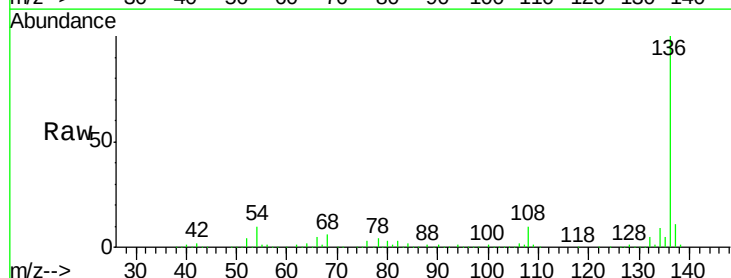
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 9.7 4.5 6.7#

68 6.3 3.6 5.4#

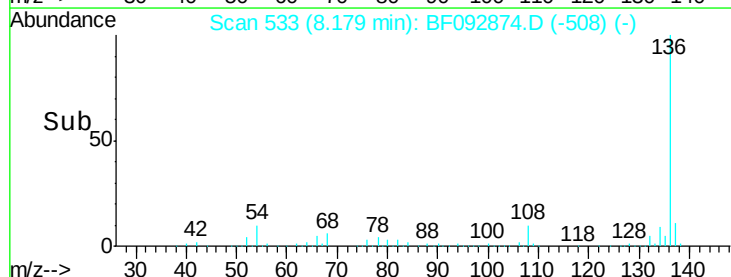
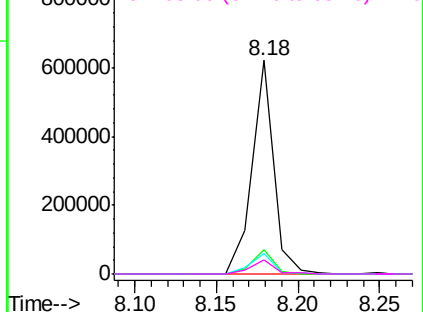


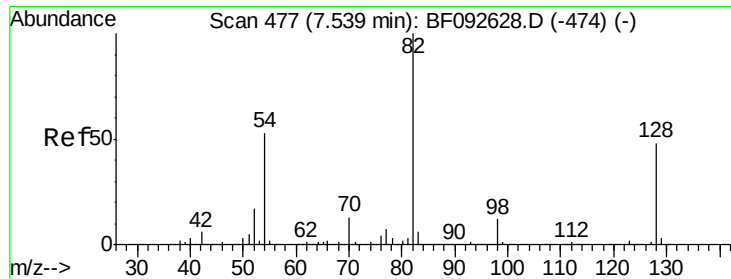
Abundance Ion 136.00 (135.70 to 136.70): E

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

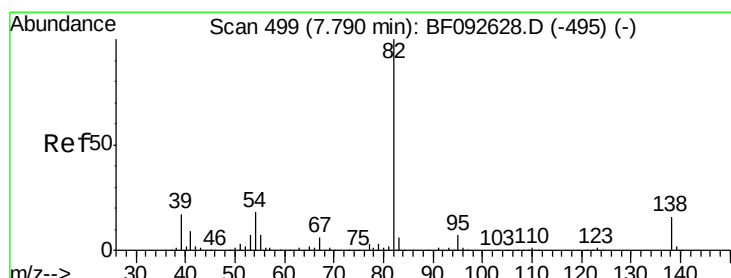
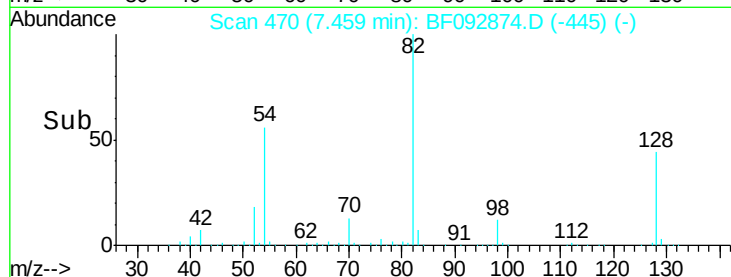
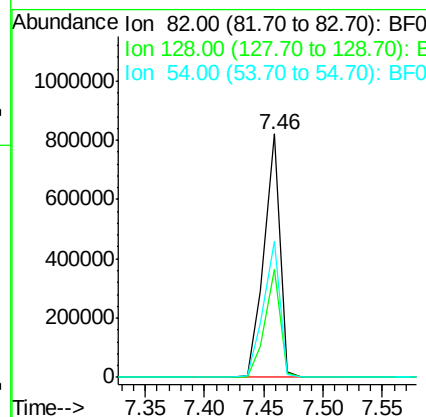
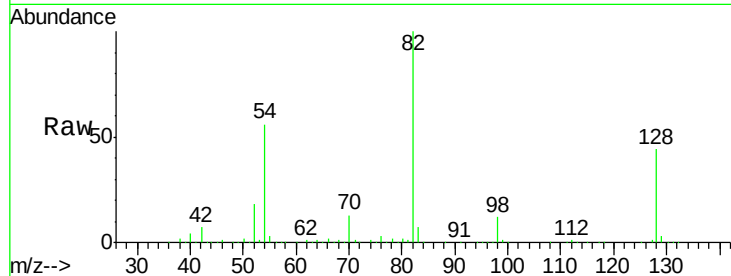




#23
 Nitrobenzene-d5
 Concen: 76.34 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF092874.D
 Acq: 9 Feb 2017 00:52

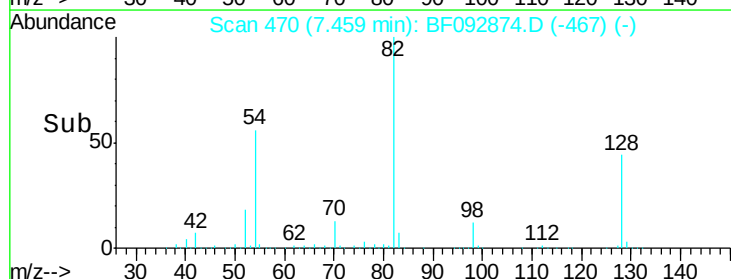
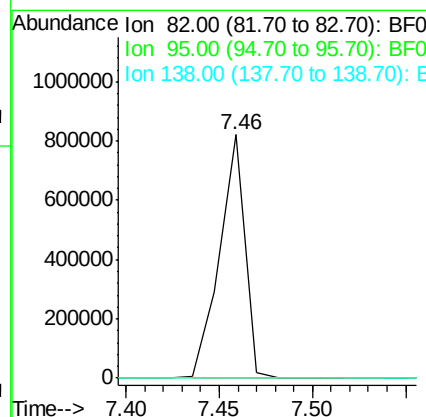
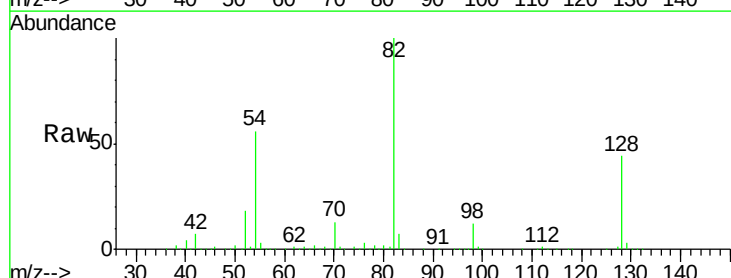
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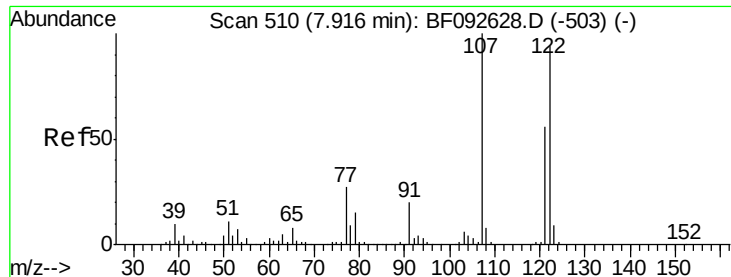
Tgt Ion: 82 Resp: 783754
 Ion Ratio Lower Upper
 82 100
 128 44.3 34.6 52.0
 54 56.1 39.5 59.3



#25
 Isophorone
 Concen: 40.55 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.26 min
 Lab File: BF092874.D
 Acq: 9 Feb 2017 00:52

Tgt Ion: 82 Resp: 775756
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.6 8.4#
 138 0.0 14.6 22.0#

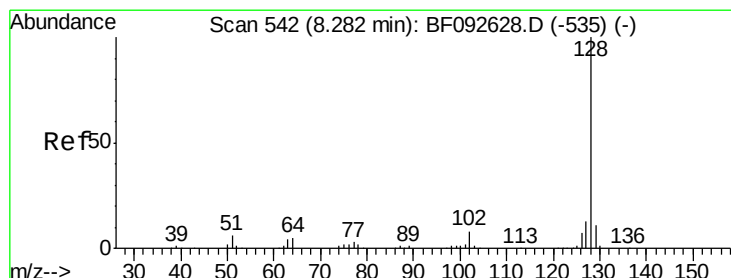
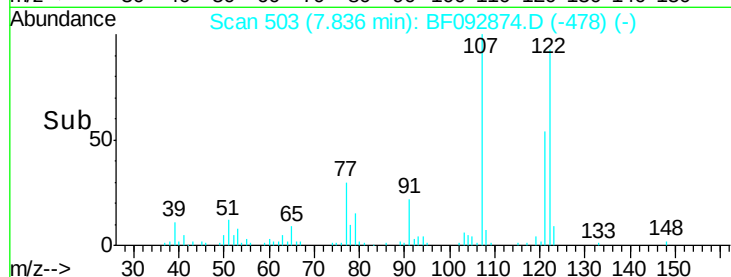
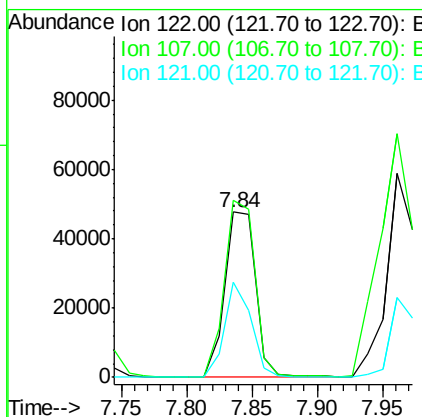
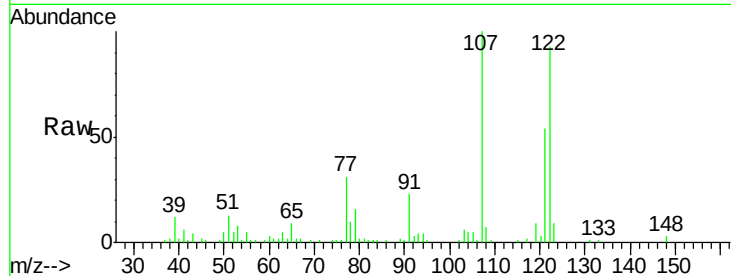




#27
2,4-Dimethylphenol
Concen: 8.92 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.01 min
Lab File: BF092874.D
Acq: 9 Feb 2017 00:52

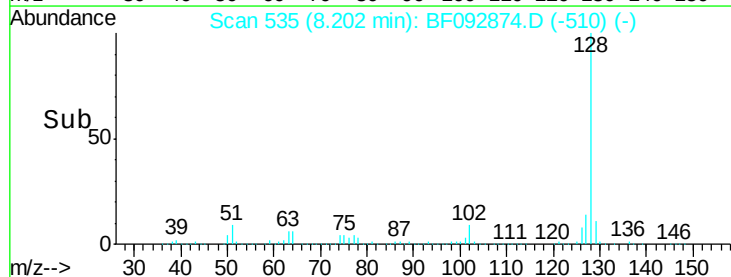
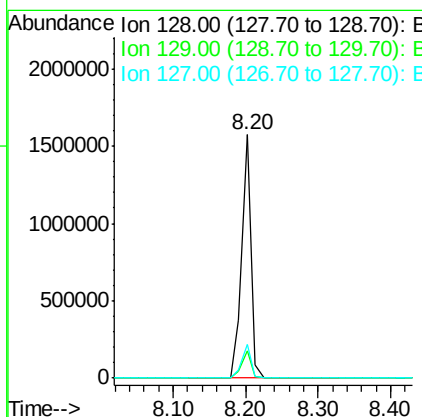
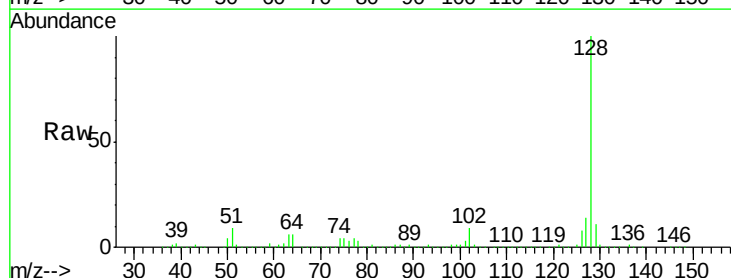
Instrument :
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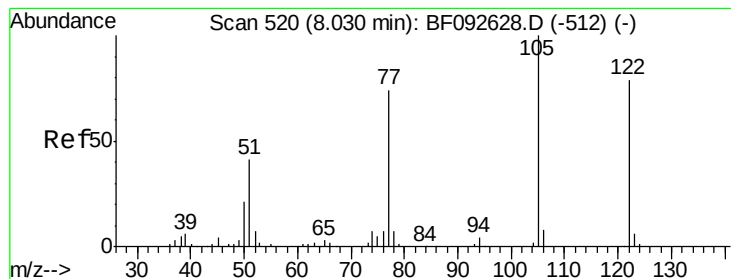
Tgt Ion:122 Resp: 78499
Ion Ratio Lower Upper
122 100
107 107.3 94.1 141.1
121 57.4 46.0 69.0



#31
Naphthalene
Concen: 48.50 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF092874.D
Acq: 9 Feb 2017 00:52

Tgt Ion:128 Resp: 1405782
Ion Ratio Lower Upper
128 100
129 11.1 9.5 14.3
127 13.7 10.8 16.2





#32

Benzoic acid

Concen: 22.40 ng

RT: 7.96 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF092874.D

Acq: 9 Feb 2017 00:52

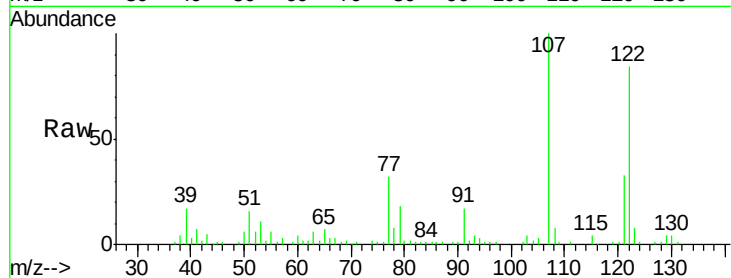
Instrument :

BNA_F

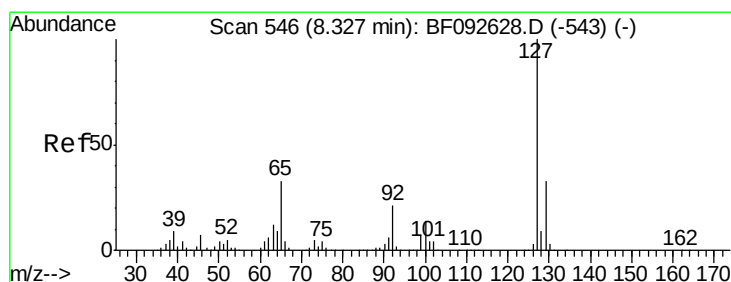
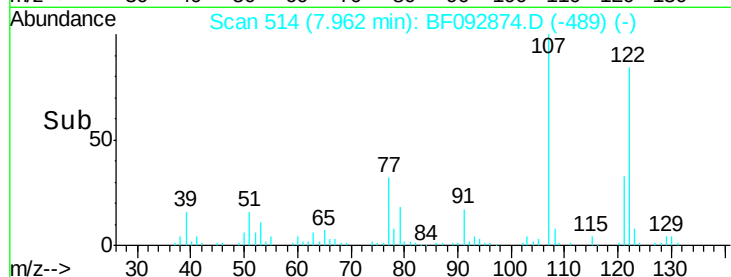
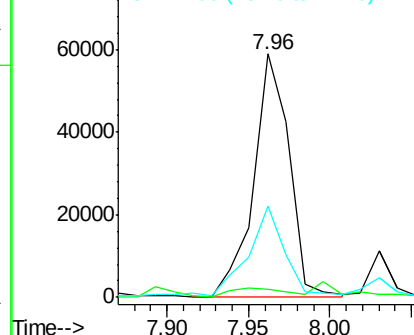
ClientSampleId :

E2-B1-B2021-CONCRETE

Tgt Ion:122 Resp: 89326
 Ion Ratio Lower Upper
 122 100
 105 3.5 107.2 147.2#
 77 37.7 74.5 114.5#



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 105.00 (104.70 to 105.70): E
 Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 16.81 ng

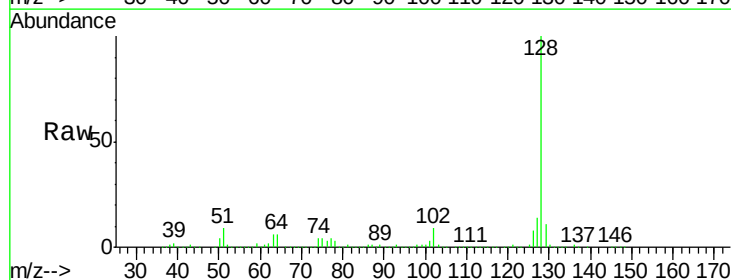
RT: 8.20 min Scan# 535

Delta R.T. -0.06 min

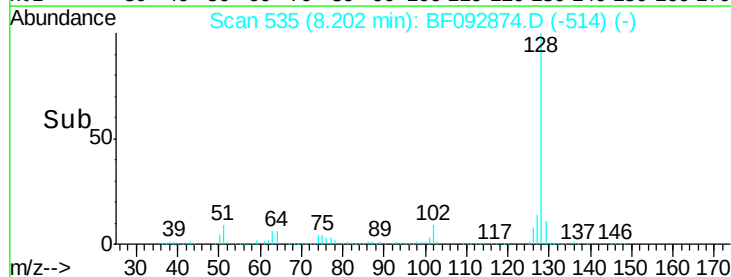
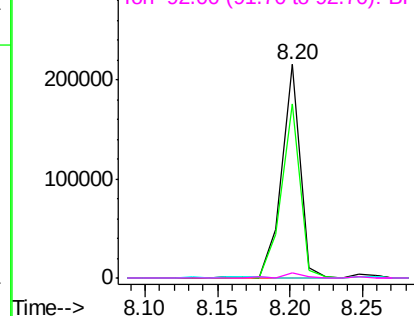
Lab File: BF092874.D

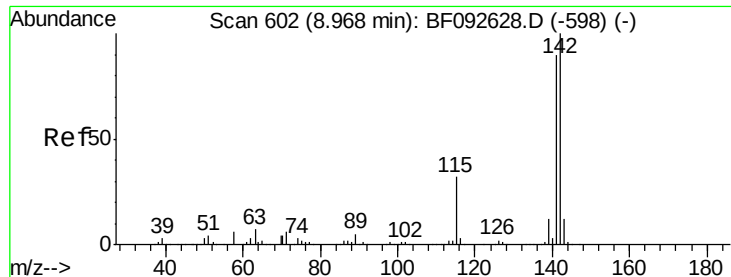
Acq: 9 Feb 2017 00:52

Tgt Ion:127 Resp: 191054
 Ion Ratio Lower Upper
 127 100
 129 81.5 26.3 39.5#
 65 0.0 25.8 38.8#
 92 2.5 16.1 24.1#



Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

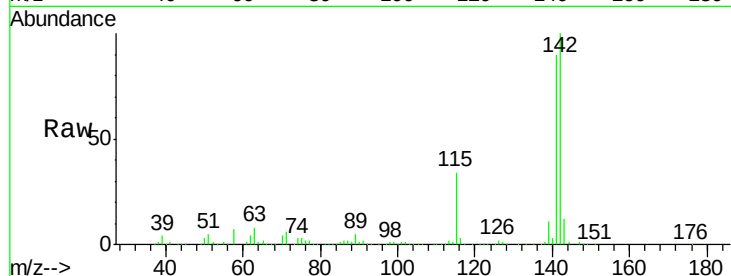




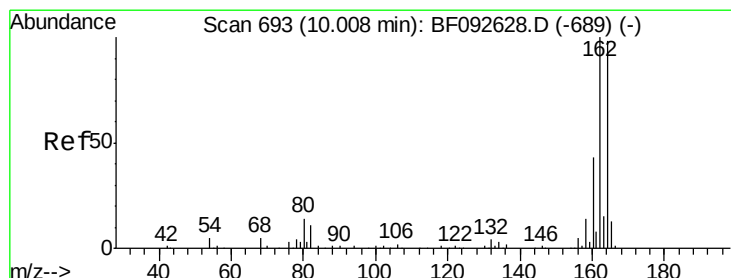
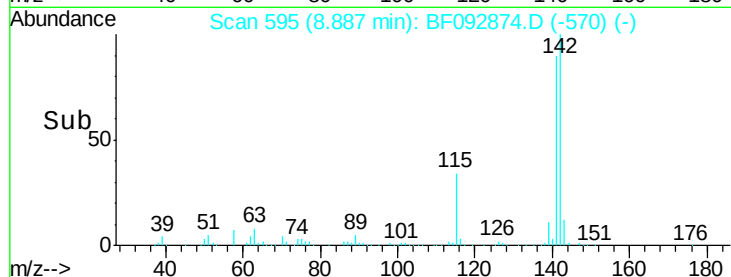
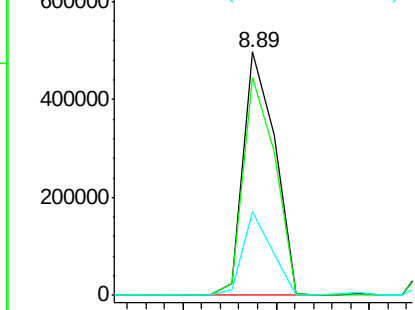
#37
 2-Methylnaphthalene
 Concen: 31.53 ng
 RT: 8.89 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF092874.D
 Acq: 9 Feb 2017 00:52

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-B2021-CONCRETE

Tgt Ion:142 Resp: 586764
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.0 106.6
 115 34.2 28.3 42.5

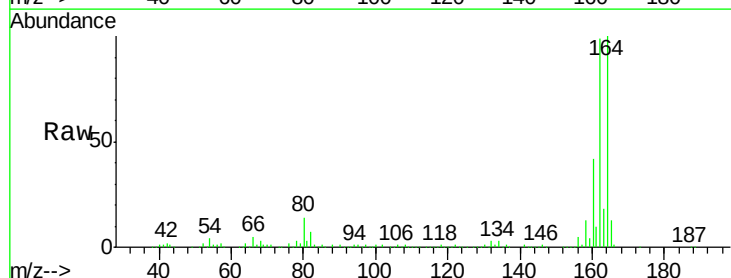


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

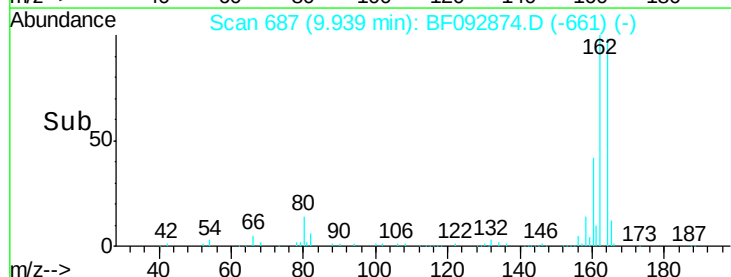
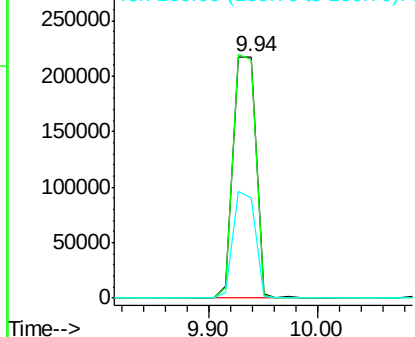


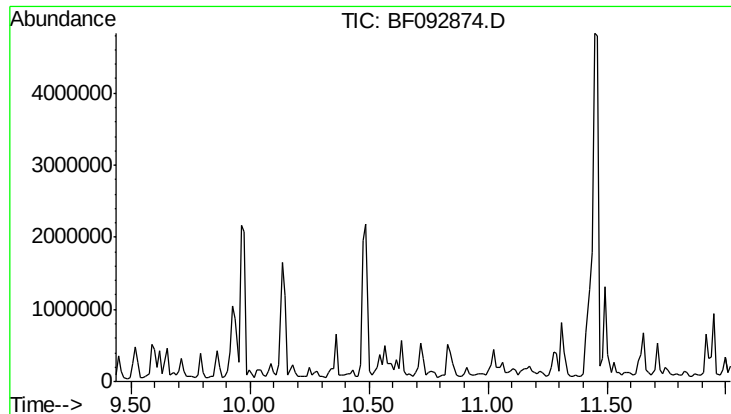
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.00 min
 Lab File: BF092874.D
 Acq: 9 Feb 2017 00:52

Tgt Ion:164 Resp: 310419
 Ion Ratio Lower Upper
 164 100
 162 99.1 80.2 120.2
 160 41.6 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 10.73 min

Lab File: BF092874.D

Acq: 9 Feb 2017 00:52

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETE

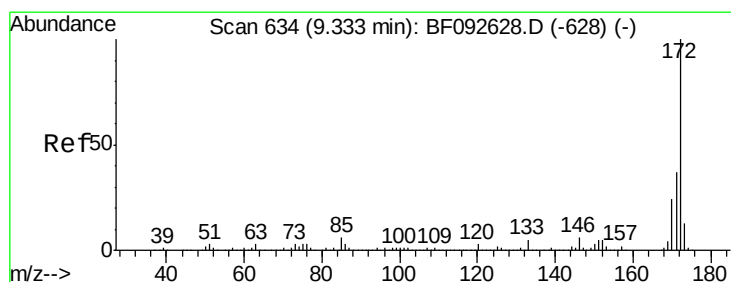
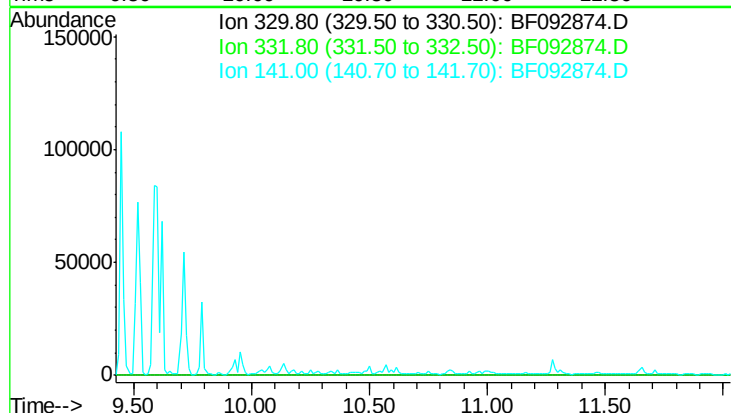
Tgt Ion: 330

Sig Exp Ratio

330 100

332 96.8

141 42.6



#44

2-Fluorobiphenyl

Concen: 73.85 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF092874.D

Acq: 9 Feb 2017 00:52

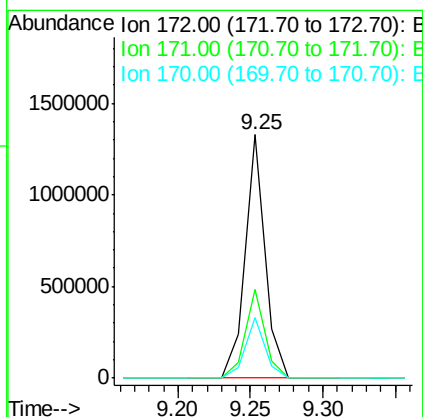
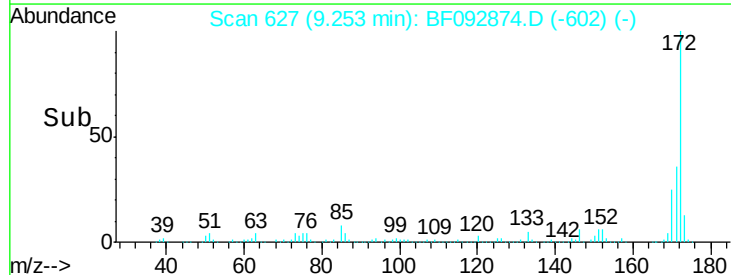
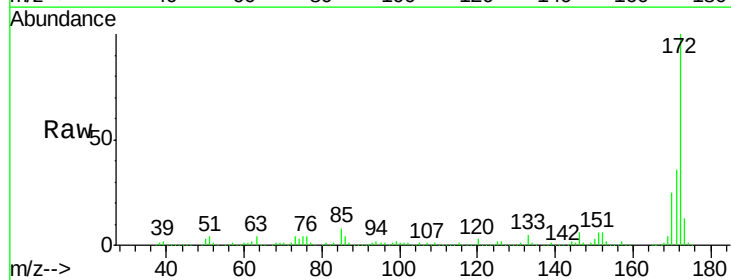
Tgt Ion: 172 Resp: 1265447

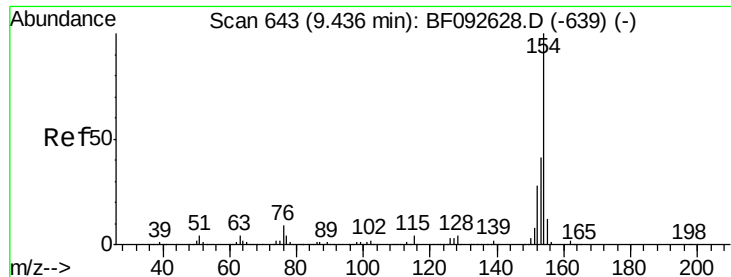
Ion Ratio Lower Upper

172 100

171 36.3 29.4 44.0

170 24.7 20.2 30.4





#45

1,1'-Biphenyl

Concen: 8.76 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF092874.D

Acq: 9 Feb 2017 00:52

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETE

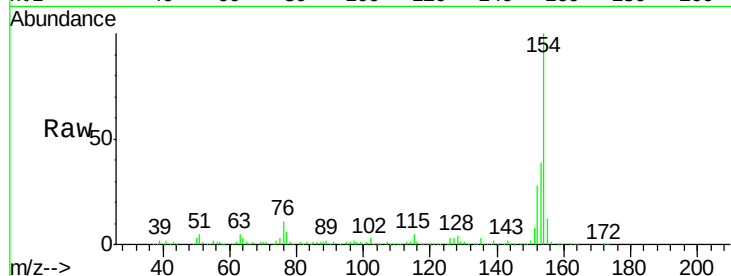
Tgt Ion:154 Resp: 196812

Ion Ratio Lower Upper

154 100

153 39.2 20.9 60.9

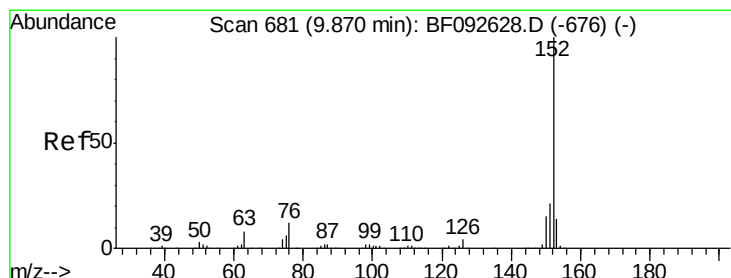
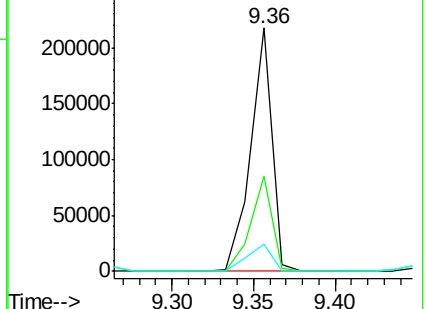
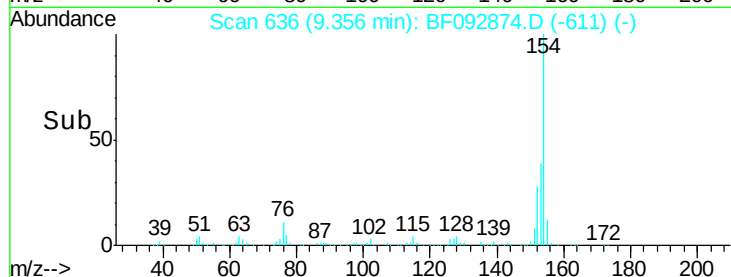
76 11.0 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#48

Acenaphthylene

Concen: 2.99 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF092874.D

Acq: 9 Feb 2017 00:52

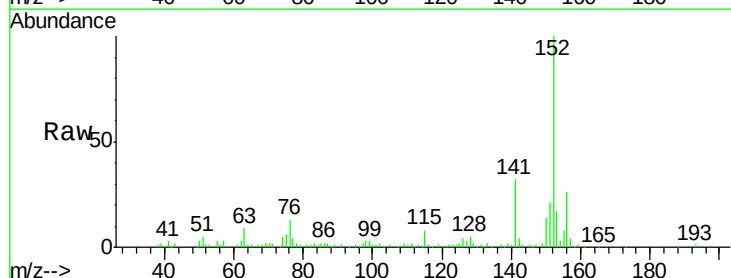
Tgt Ion:152 Resp: 90835

Ion Ratio Lower Upper

152 100

151 20.5 16.9 25.3

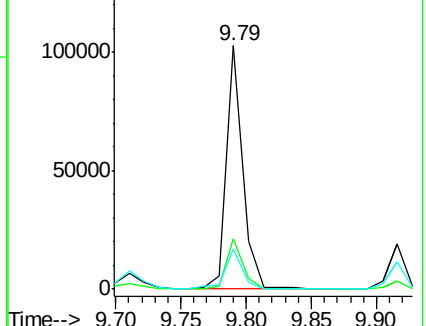
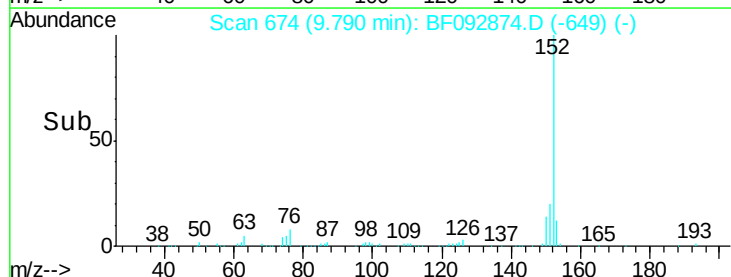
153 16.5 11.4 17.2

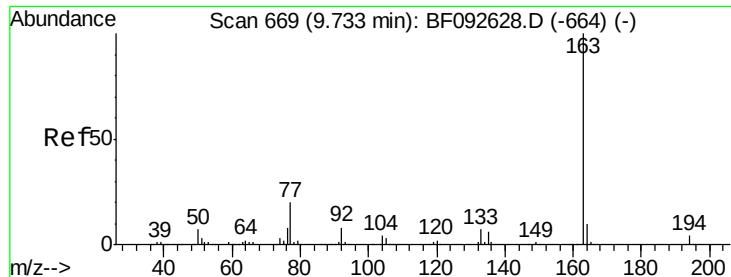


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

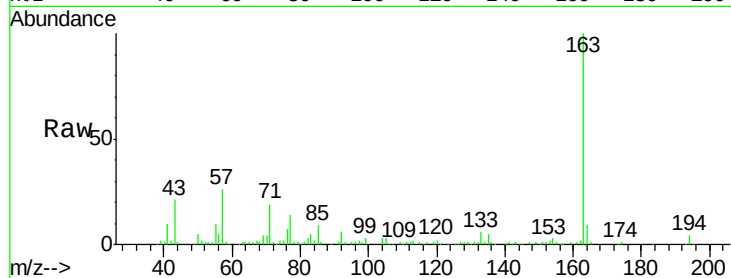




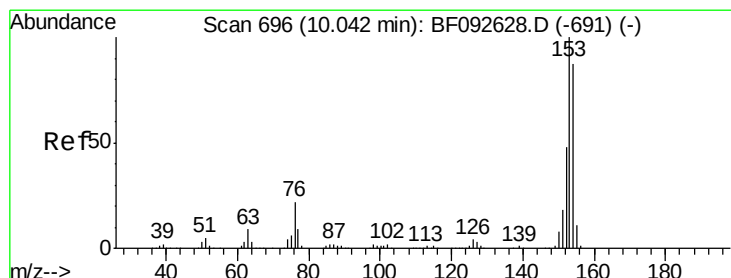
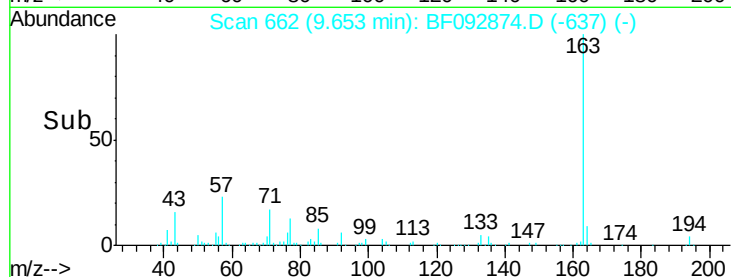
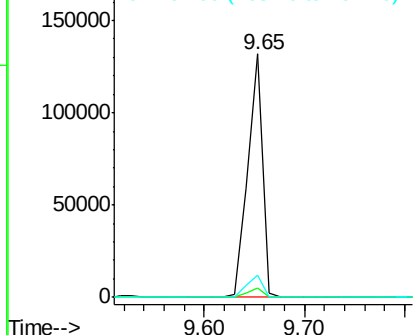
#49
Dimethylphthalate
Concen: 6.48 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF092874.D
Acq: 9 Feb 2017 00:52

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETE

Tgt Ion:163 Resp: 135504
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 9.4 8.0 12.0

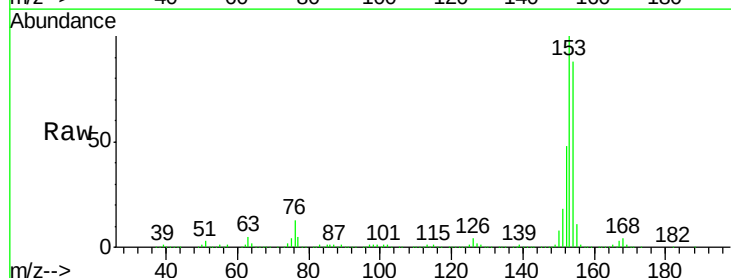


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

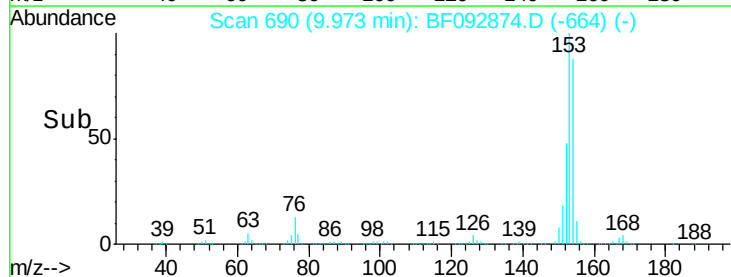
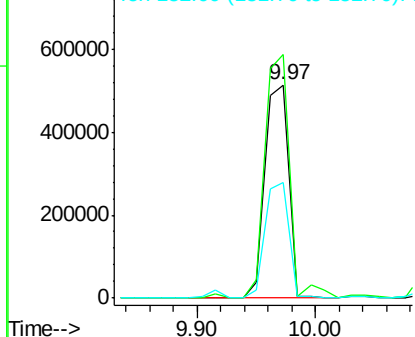


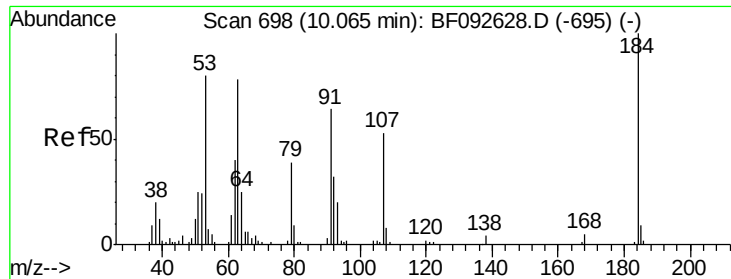
#51
Acenaphthene
Concen: 39.85 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF092874.D
Acq: 9 Feb 2017 00:52

Tgt Ion:154 Resp: 723697
Ion Ratio Lower Upper
154 100
153 114.1 88.6 133.0
152 54.2 41.6 62.4



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

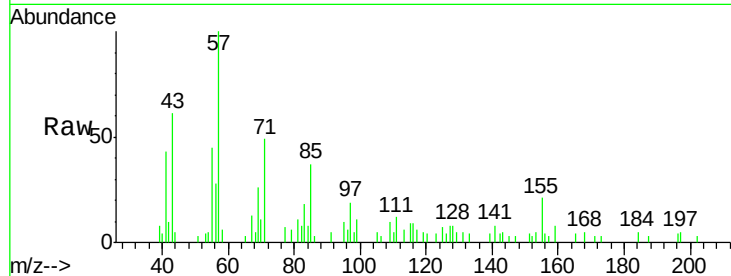




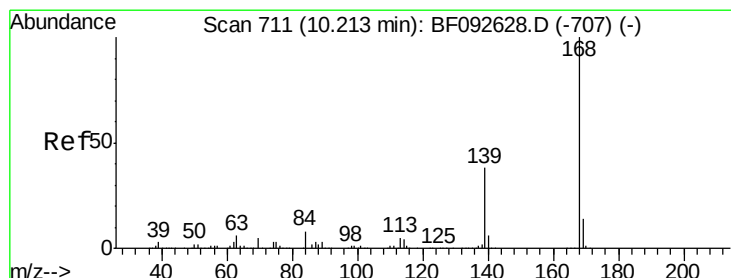
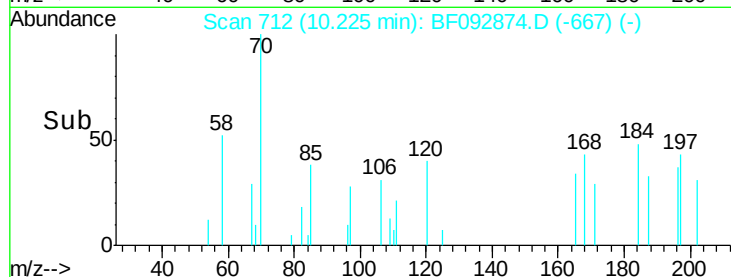
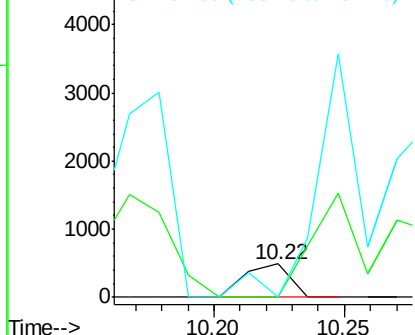
#53
2,4-Dinitrophenol
Concen: 4.98 ng
RT: 10.22 min Scan# 712
Delta R.T. 0.22 min
Lab File: BF092874.D
Acq: 9 Feb 2017 00:52

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETE

Tgt Ion:184 Resp: 598
Ion Ratio Lower Upper
184 100
63 0.0 28.4 42.6#
154 0.0 44.3 66.5#

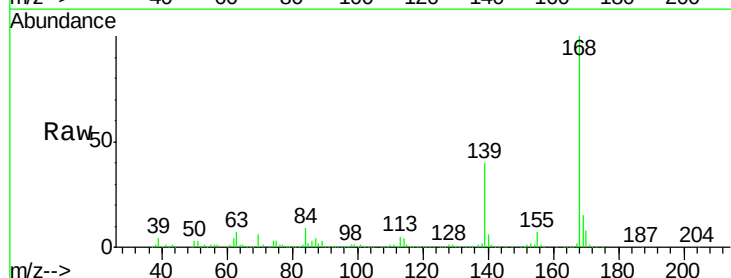


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

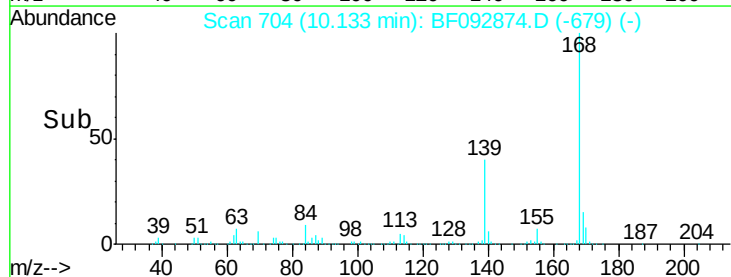
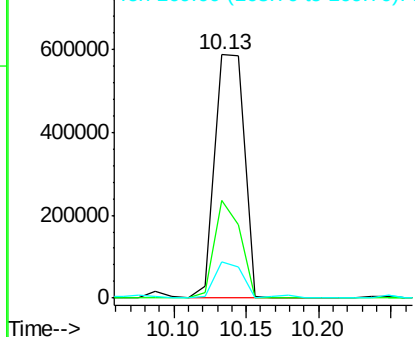


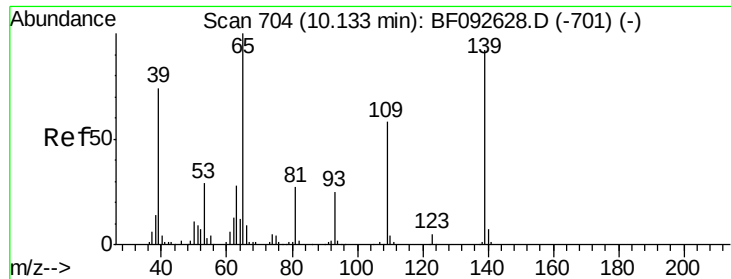
#54
Dibenzofuran
Concen: 34.19 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF092874.D
Acq: 9 Feb 2017 00:52

Tgt Ion:168 Resp: 830627
Ion Ratio Lower Upper
168 100
139 39.9 32.6 49.0
169 15.1 11.3 16.9



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

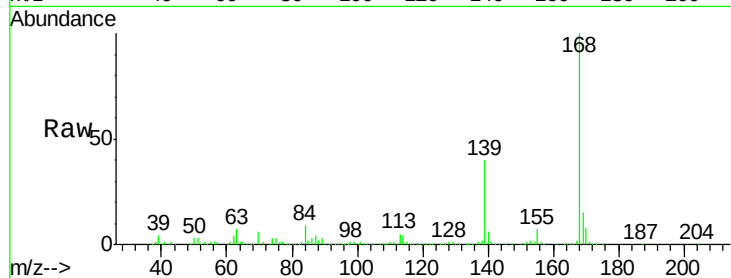




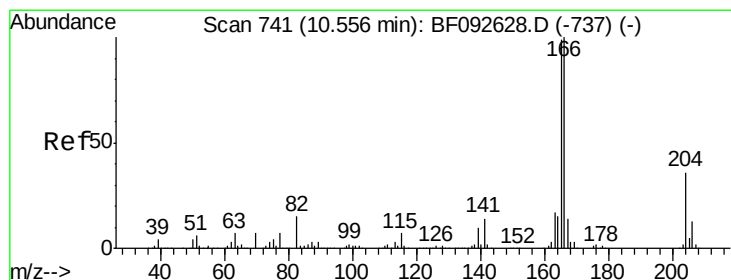
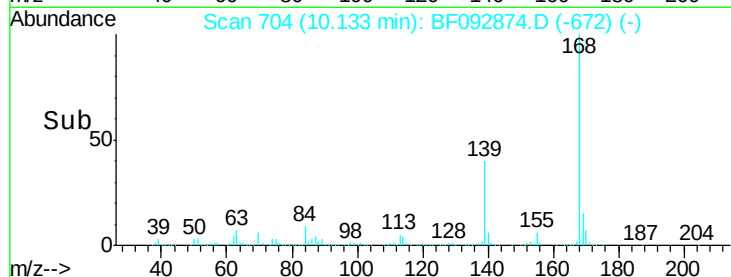
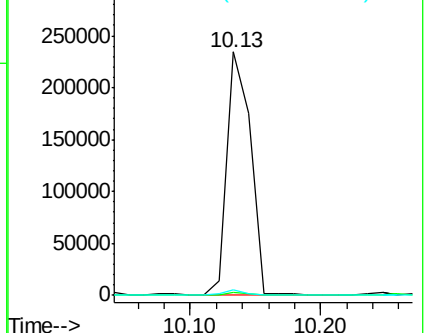
#55
4-Nitrophenol
Concen: 79.43 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.07 min
Lab File: BF092874.D
Acq: 9 Feb 2017 00:52

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETE

Tgt Ion:139 Resp: 295635
Ion Ratio Lower Upper
139 100
109 1.0 52.2 92.2#
65 2.2 85.8 125.8#

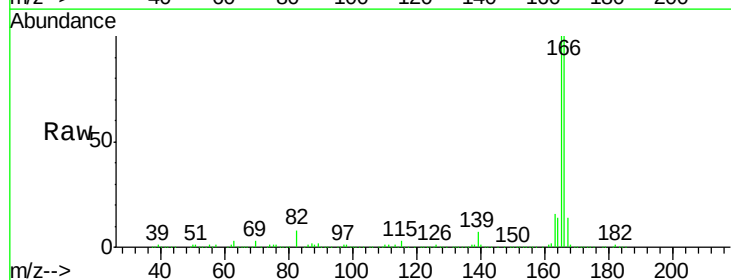


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

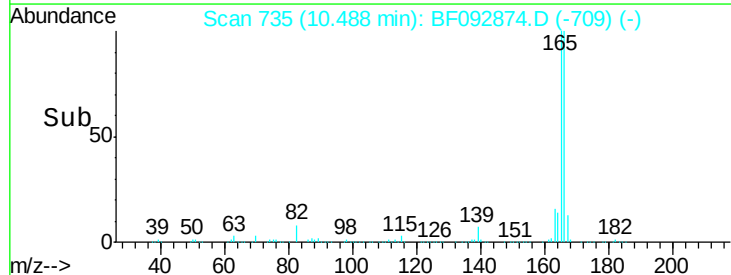
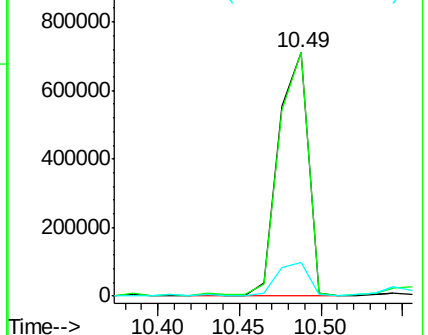


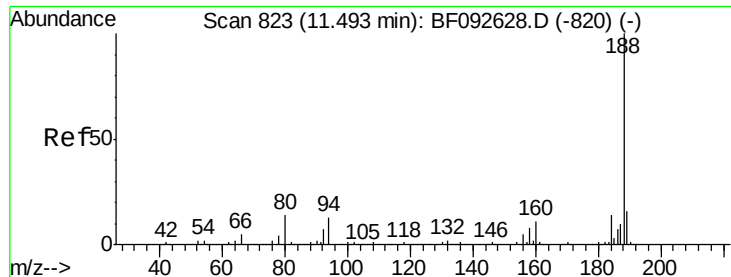
#57
Fluorene
Concen: 48.03 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF092874.D
Acq: 9 Feb 2017 00:52

Tgt Ion:166 Resp: 897541
Ion Ratio Lower Upper
166 100
165 99.8 77.8 116.8
167 13.6 10.8 16.2



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

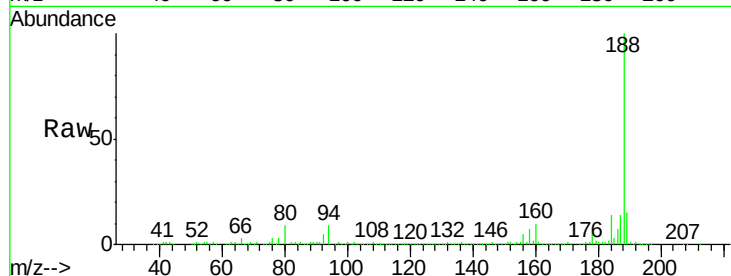




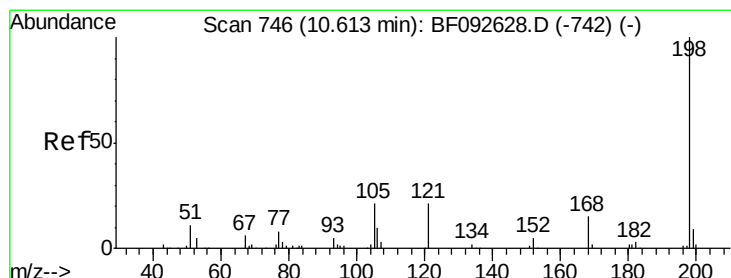
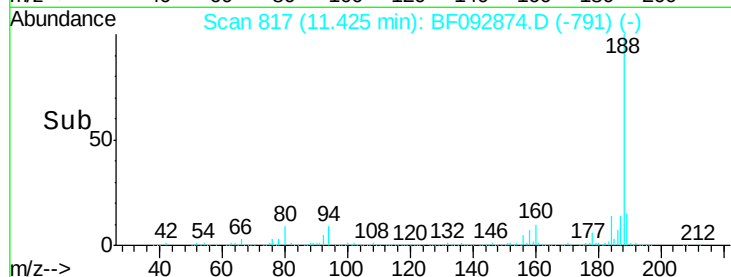
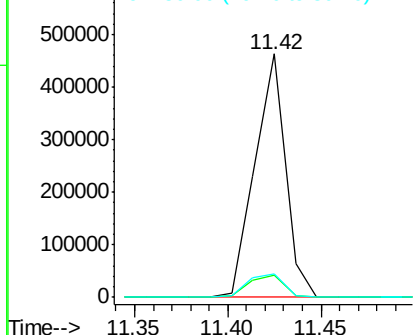
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF092874.D
Acq: 9 Feb 2017 00:52

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETE

Tgt Ion:188 Resp: 525993
Ion Ratio Lower Upper
188 100
94 9.1 10.0 15.0#
80 9.5 11.2 16.8#

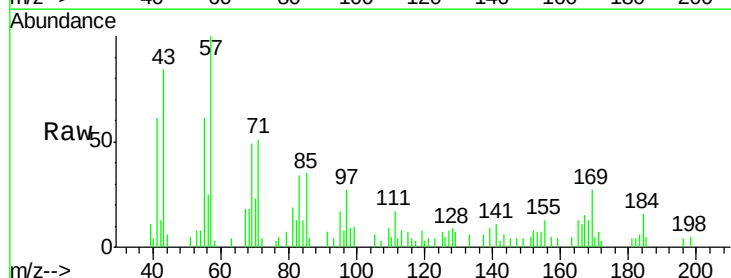


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

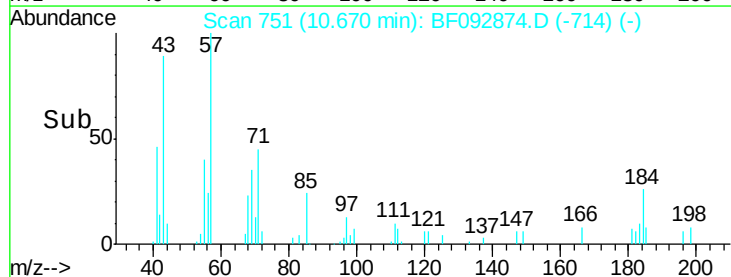
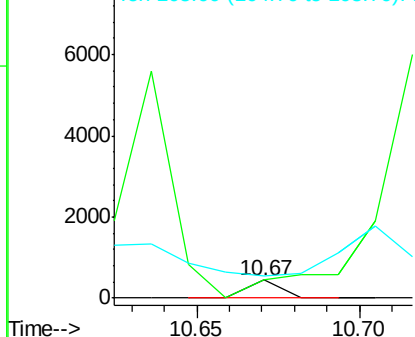


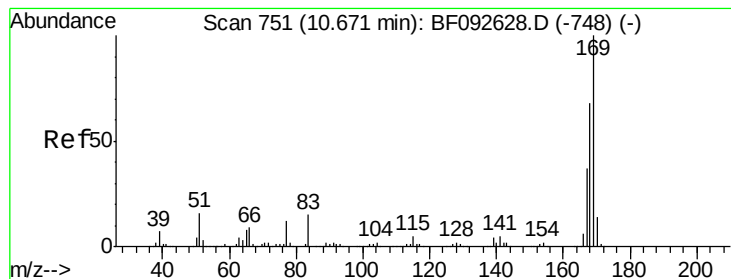
#64
4,6-Dinitro-2-methylphenol
Concen: 2.76 ng
RT: 10.67 min Scan# 751
Delta R.T. 0.13 min
Lab File: BF092874.D
Acq: 9 Feb 2017 00:52

Tgt Ion:198 Resp: 302
Ion Ratio Lower Upper
198 100
51 101.6 6.7 46.7#
105 126.8 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 3.72 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.03 min

Lab File: BF092874.D

Acq: 9 Feb 2017 00:52

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETE

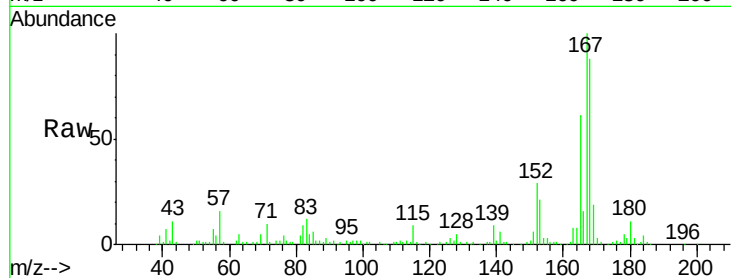
Tgt Ion:169 Resp: 62584

Ion Ratio Lower Upper

169 100

168 449.3 54.2 81.2#

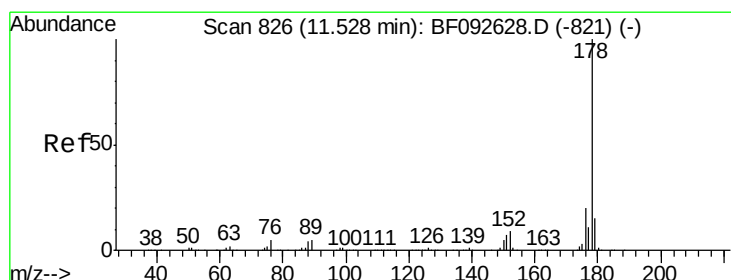
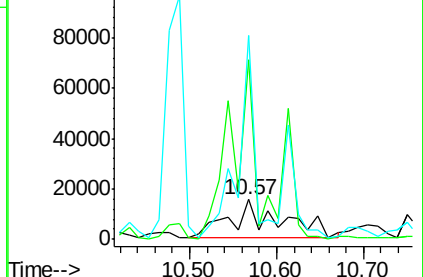
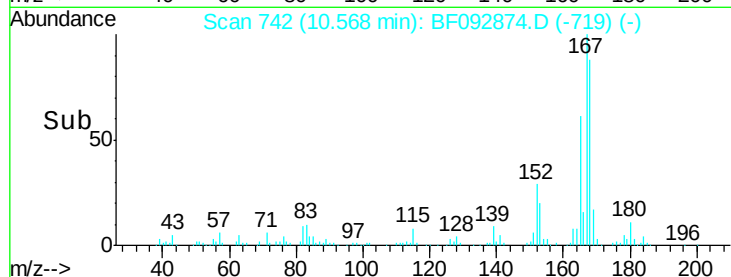
167 513.3 30.2 45.4#



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: 108.49 ng

RT: 11.46 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF092874.D

Acq: 9 Feb 2017 00:52

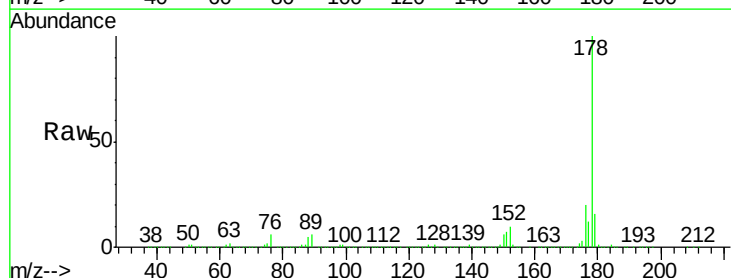
Tgt Ion:178 Resp: 3269371

Ion Ratio Lower Upper

178 100

176 20.2 16.6 25.0

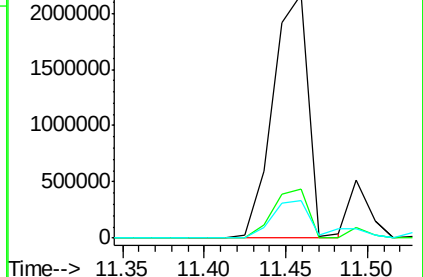
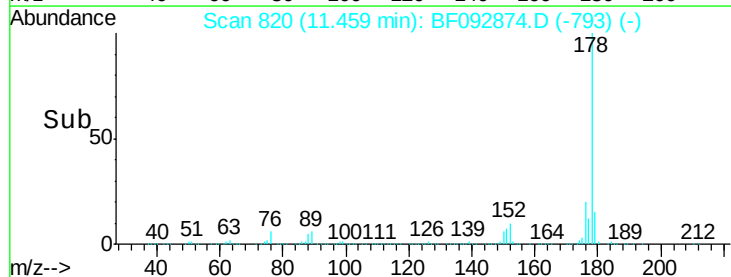
179 15.5 12.8 19.2

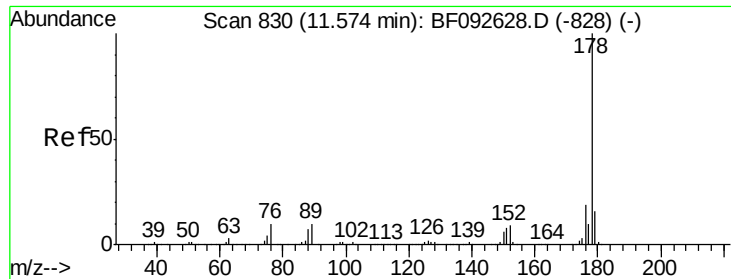


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

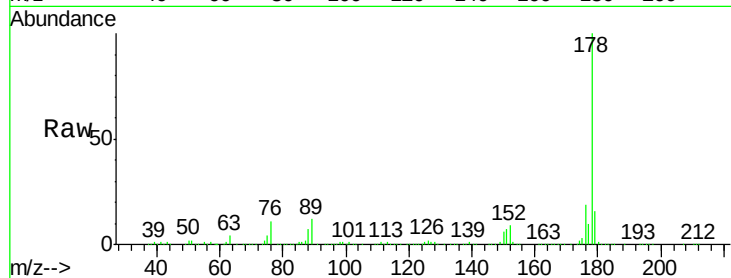




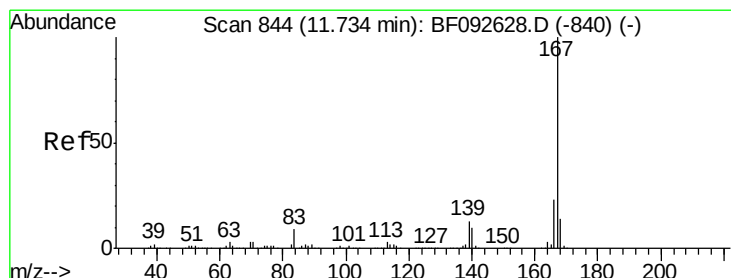
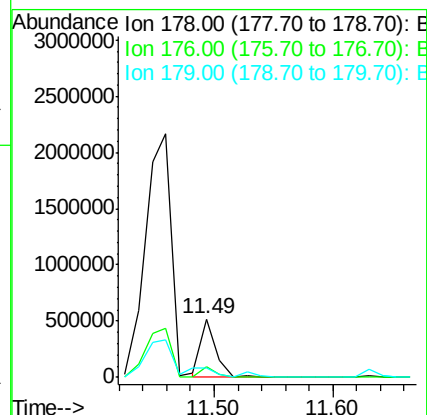
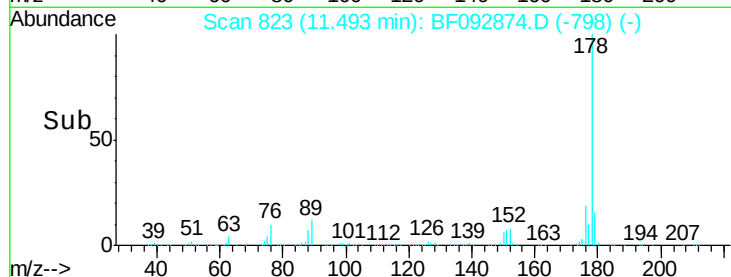
#71
 Anthracene
 Concen: 16.05 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF092874.D
 Acq: 9 Feb 2017 00:52

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-B2021-CONCRETE

Tgt Ion:178 Resp: 485823
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.9 23.9
 179 15.7 13.2 19.8

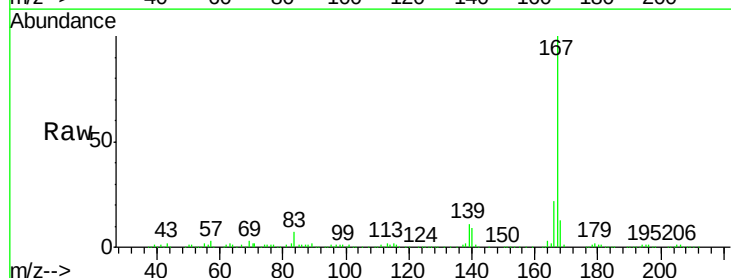


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

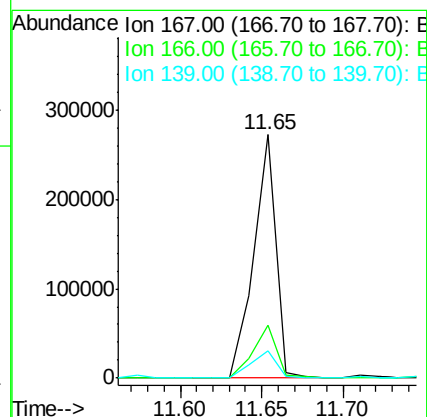
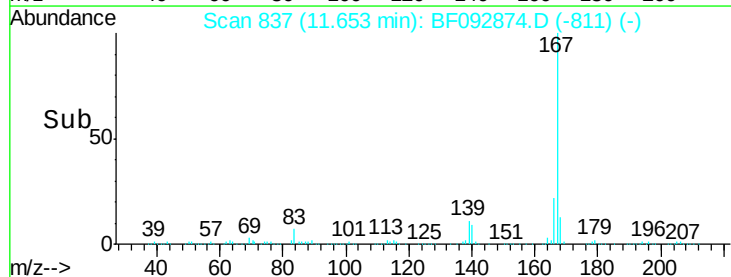


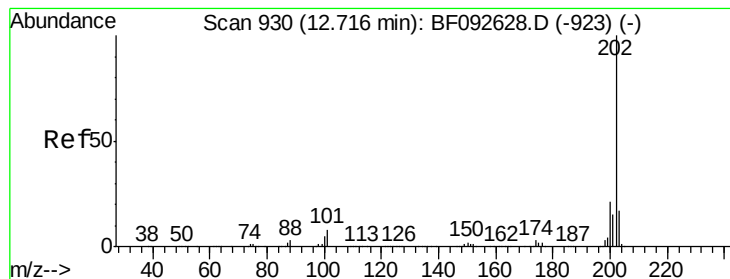
#72
 Carbazole
 Concen: 8.84 ng
 RT: 11.65 min Scan# 837
 Delta R.T. -0.00 min
 Lab File: BF092874.D
 Acq: 9 Feb 2017 00:52

Tgt Ion:167 Resp: 255855
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.2 27.2
 139 11.2 11.4 17.2#



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: 58.66 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.00 min

Lab File: BF092874.D

Acq: 9 Feb 2017 00:52

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETE

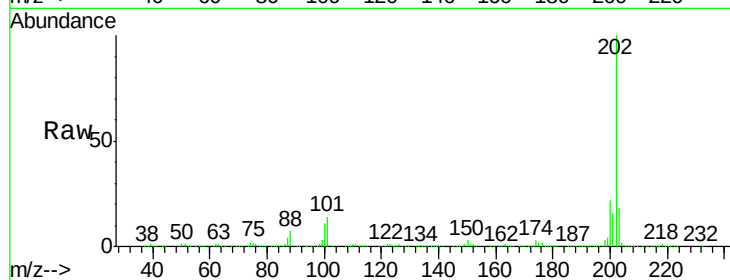
Tgt Ion:202 Resp: 1823468

Ion Ratio Lower Upper

202 100

101 14.5 0.0 34.6

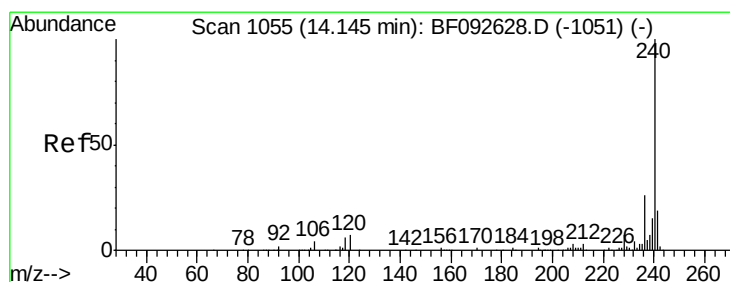
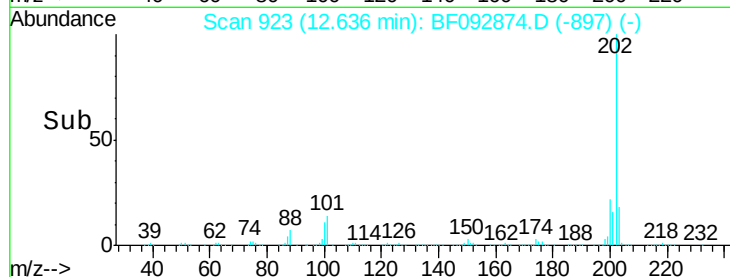
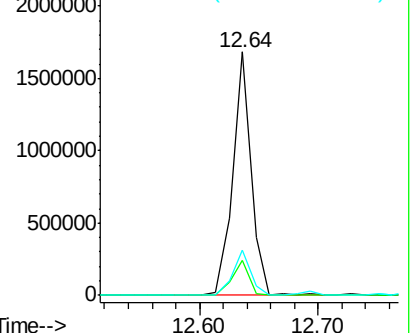
203 18.4 0.0 38.7



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: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF092874.D

Acq: 9 Feb 2017 00:52

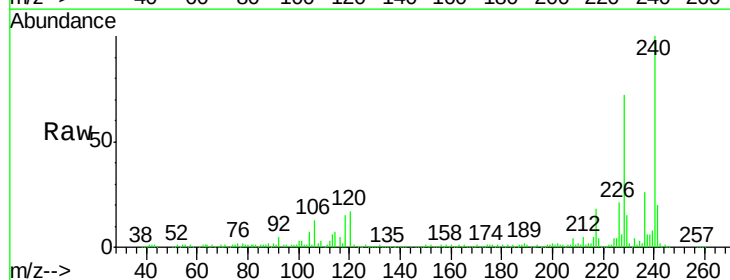
Tgt Ion:240 Resp: 441705

Ion Ratio Lower Upper

240 100

120 17.5 12.9 19.3

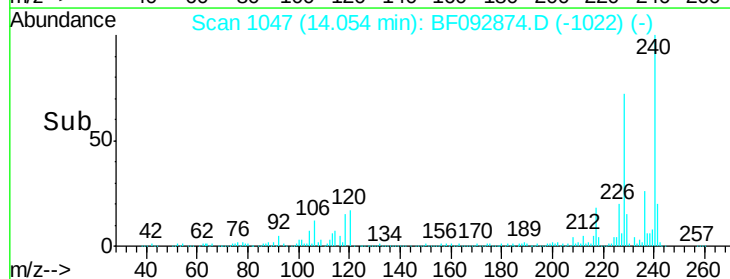
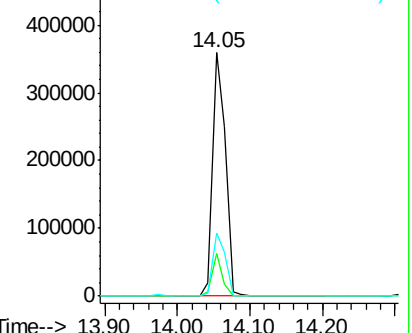
236 25.9 20.9 31.3

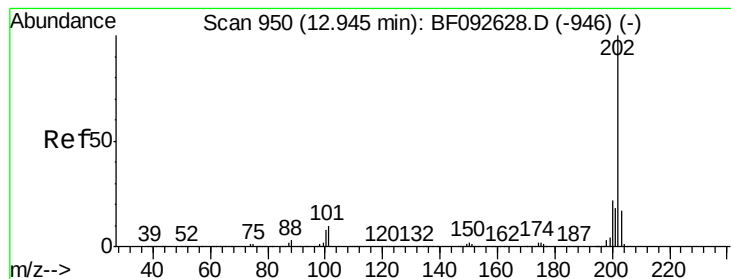


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 44.53 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF092874.D

Acq: 9 Feb 2017 00:52

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETE

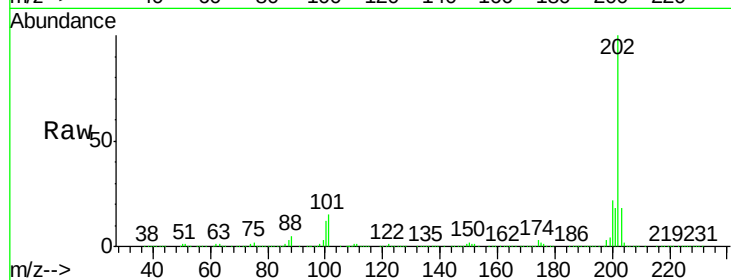
Tgt Ion:202 Resp: 1471980

Ion Ratio Lower Upper

202 100

200 22.4 17.7 26.5

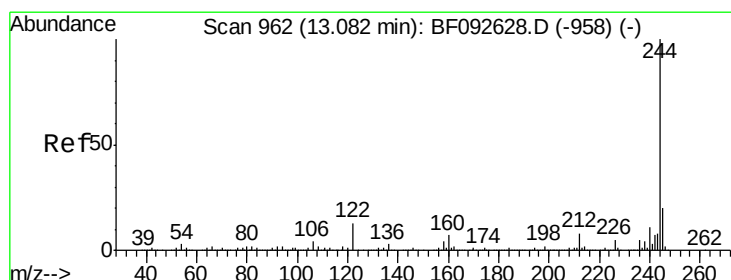
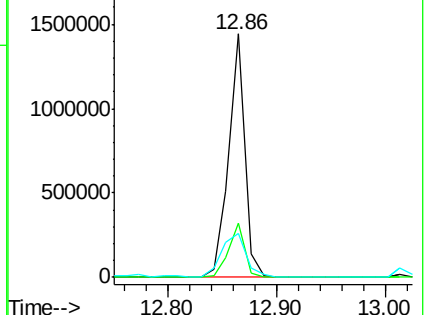
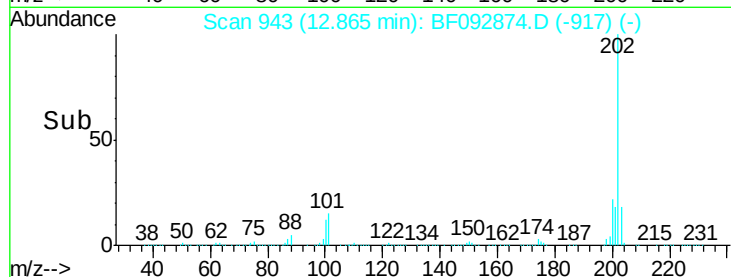
203 18.0 14.7 22.1



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: 72.94 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF092874.D

Acq: 9 Feb 2017 00:52

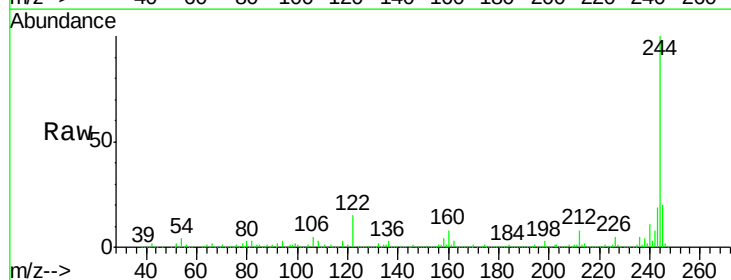
Tgt Ion:244 Resp: 1371202

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

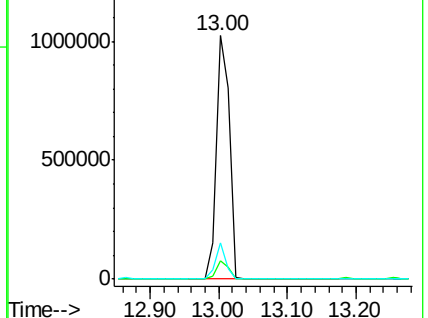
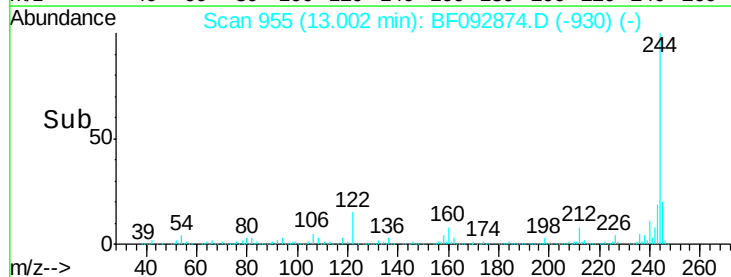
122 14.9 11.4 17.2

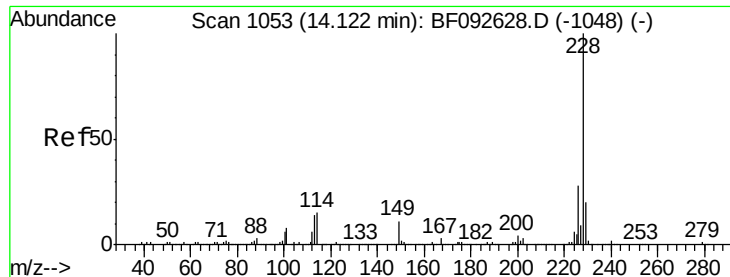


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 18.78 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF092874.D

Acq: 9 Feb 2017 00:52

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETE

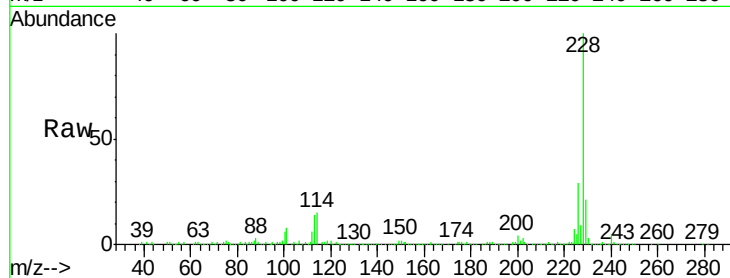
Tgt Ion:228 Resp: 507463

Ion Ratio Lower Upper

228 100

226 28.6 22.4 33.6

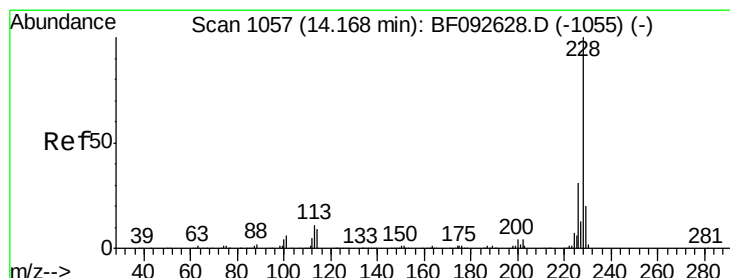
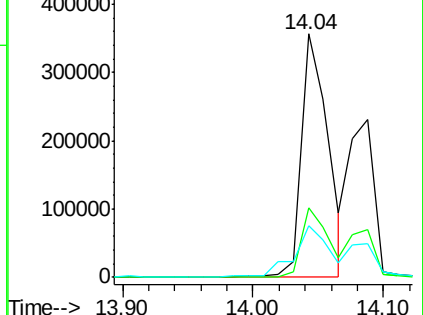
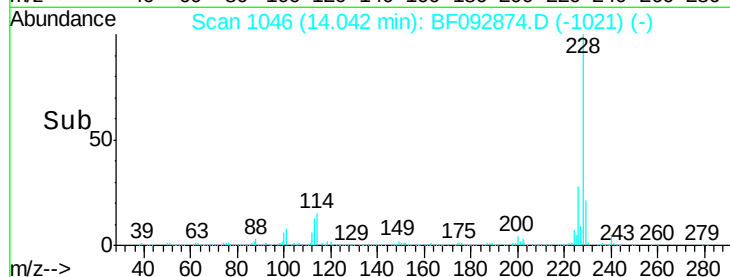
229 21.2 16.2 24.4



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



#82

Chrysene

Concen: 20.06 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.05 min

Lab File: BF092874.D

Acq: 9 Feb 2017 00:52

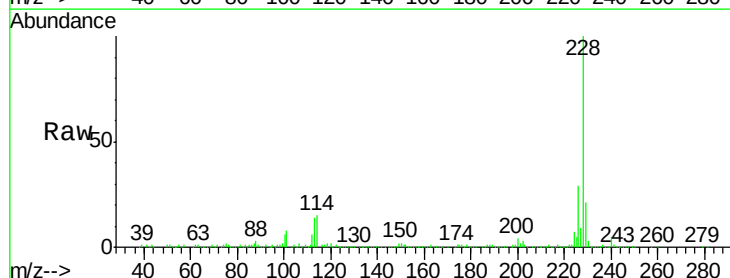
Tgt Ion:228 Resp: 507463

Ion Ratio Lower Upper

228 100

226 28.6 25.4 38.0

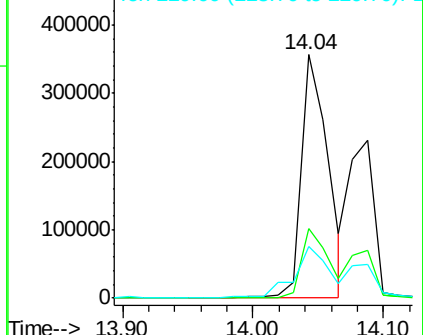
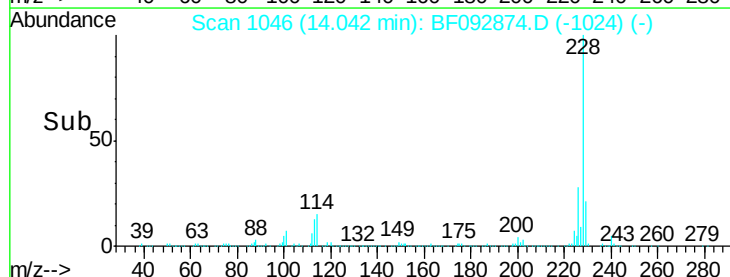
229 21.2 16.2 24.2

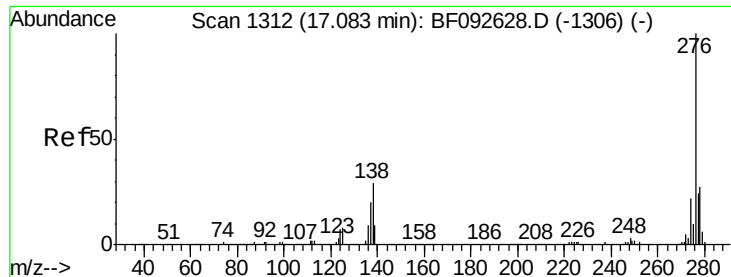


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

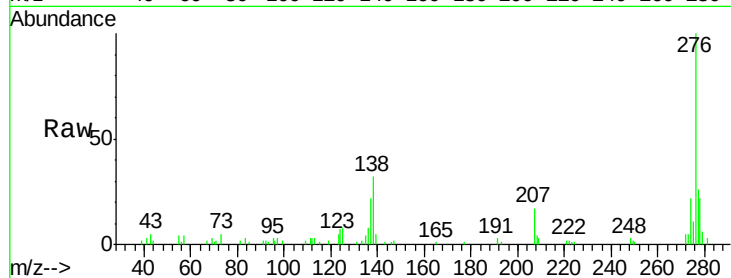




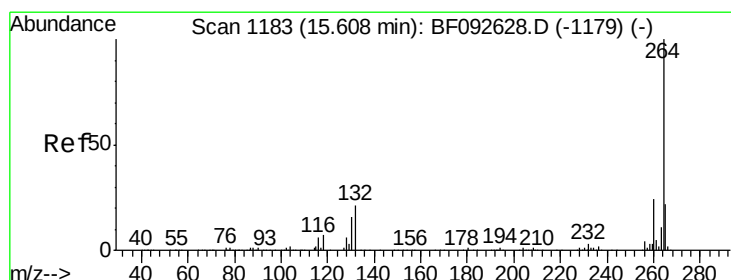
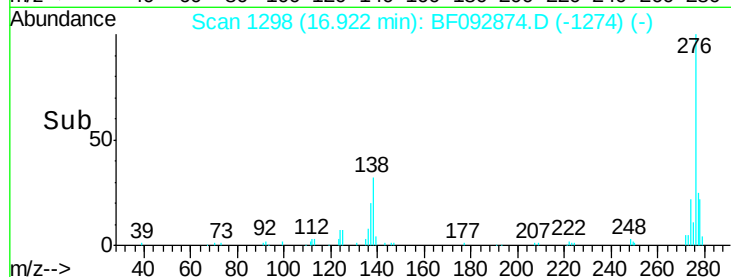
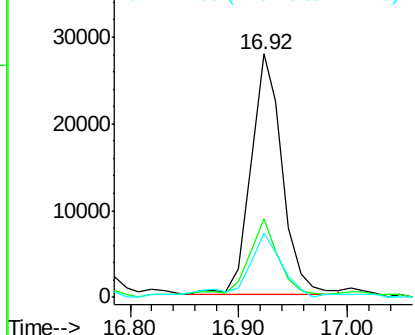
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.81 ng
 RT: 16.92 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BF092874.D
 Acq: 9 Feb 2017 00:52

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-B2021-CONCRETE

Tgt Ion: 276 Resp: 55020
 Ion Ratio Lower Upper
 276 100
 138 36.0 21.8 32.6#
 277 31.6 20.2 30.4#

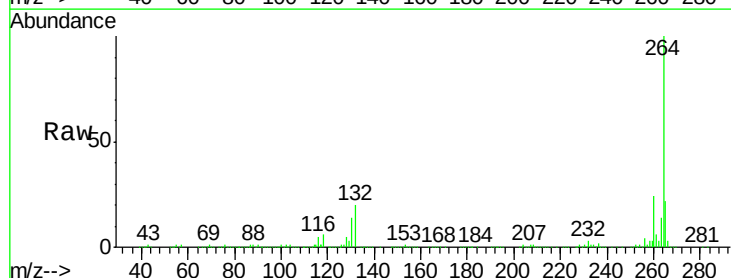


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

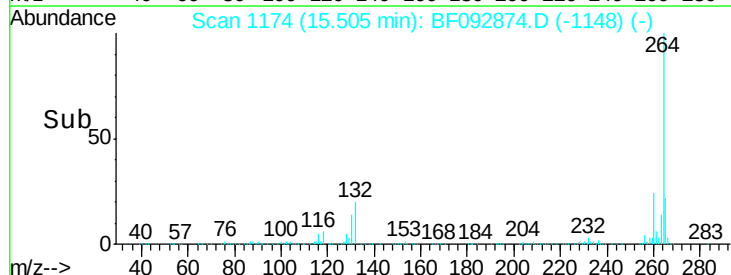
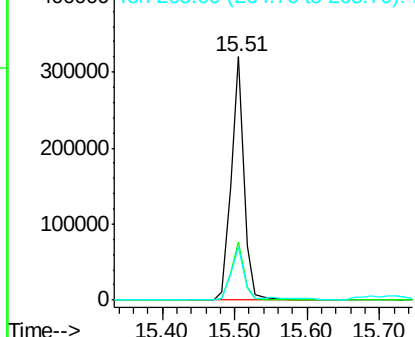


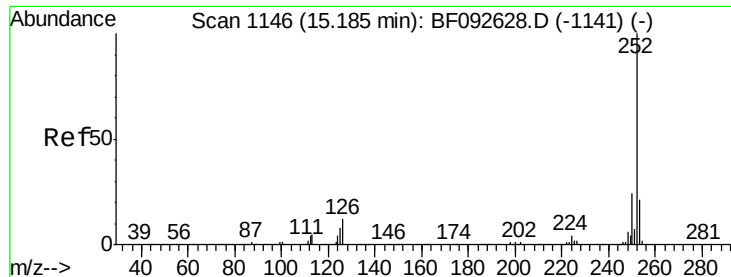
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF092874.D
 Acq: 9 Feb 2017 00:52

Tgt Ion: 264 Resp: 390742
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.8 17.4 26.0



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

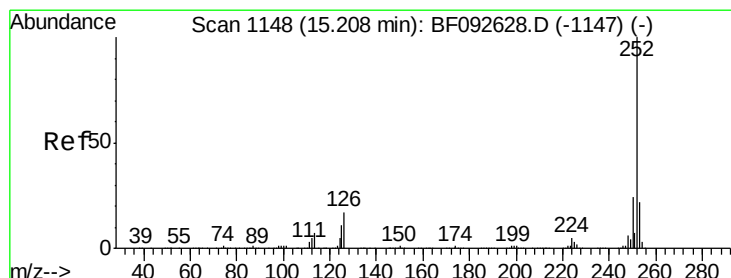
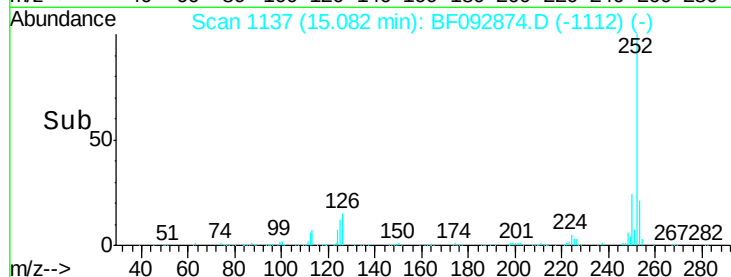
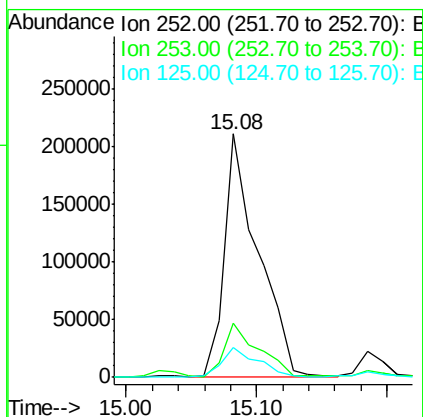
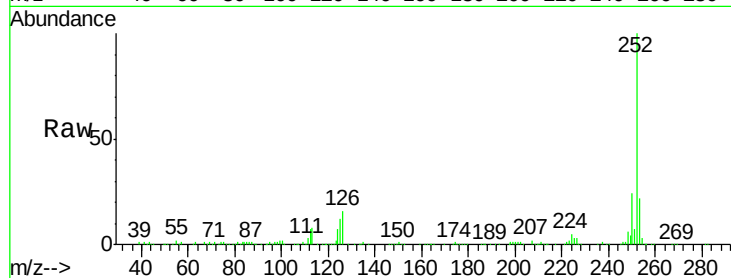




#87
Benzo(b)fluoranthene
Concen: 14.79 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF092874.D
Acq: 9 Feb 2017 00:52

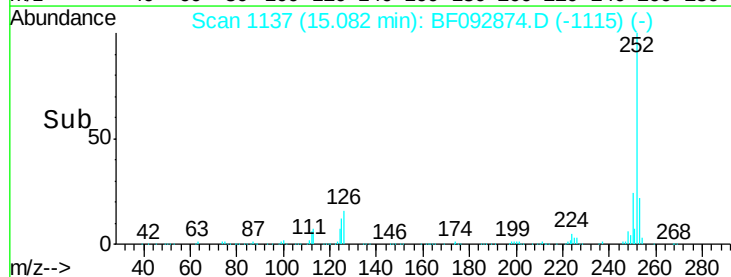
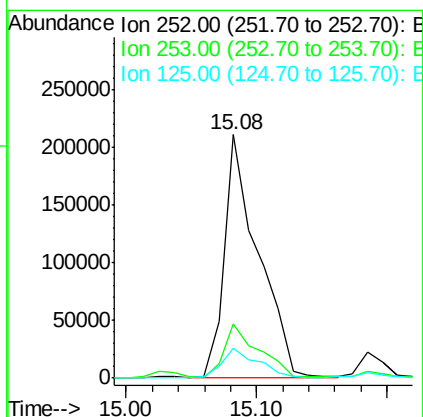
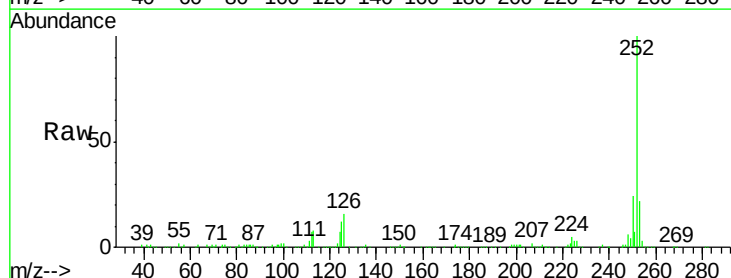
Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETE

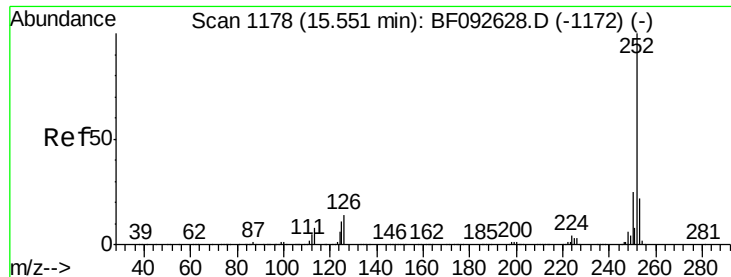
Tgt Ion:252 Resp: 380293
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 12.5 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 17.13 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.05 min
Lab File: BF092874.D
Acq: 9 Feb 2017 00:52

Tgt Ion:252 Resp: 380293
Ion Ratio Lower Upper
252 100
253 22.1 18.5 27.7
125 12.5 8.9 13.3

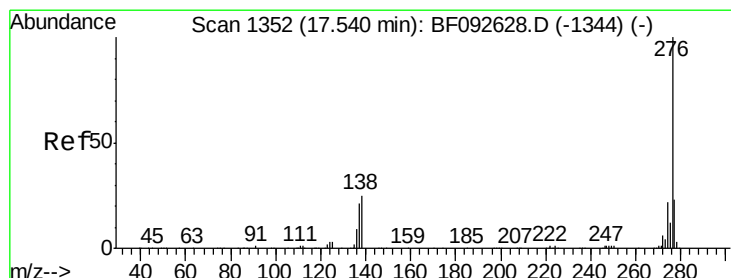
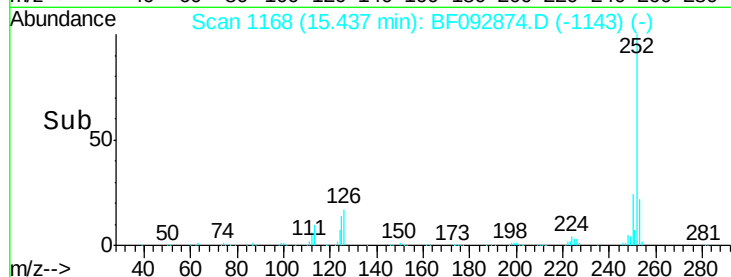
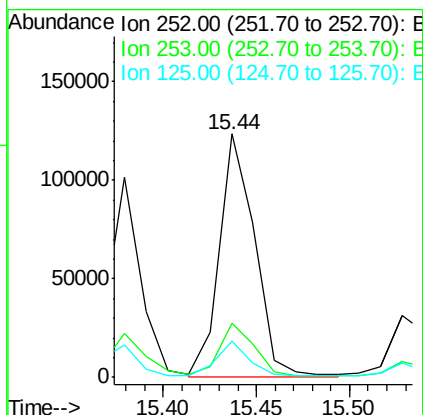
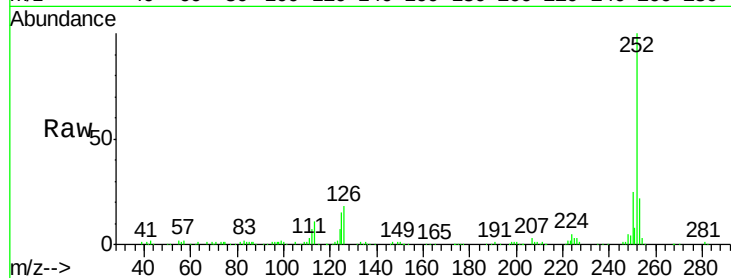




#89
Benzo(a)pyrene
Concen: 7.31 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF092874.D
Acq: 9 Feb 2017 00:52

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETE

Tgt Ion: 252 Resp: 162680
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 14.8 10.0 15.0



#91
Benzo(g,h,i)perylene
Concen: 2.83 ng
RT: 17.36 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF092874.D
Acq: 9 Feb 2017 00:52

Tgt Ion: 276 Resp: 51491
Ion Ratio Lower Upper
276 100
277 23.4 19.2 28.8
138 27.6 16.0 24.0#

