

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071117\
 Data File : BF096674.D
 Acq On : 12 Jul 2017 6:05
 Operator : SJ/JU
 Sample : I4130-10
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS1-ESW

Quant Time: Jul 12 06:57:20 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	111520	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	435693	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	188756	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	242504	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	217690	20.00	ng	-0.02
86) Perylene-d12	15.23	264	147399	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	642283	85.01	ng	-0.01
7) Phenol-d6	6.33	99	920007	99.05	ng	-0.02
23) Nitrobenzene-d5	7.25	82	541107	74.63	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	84916	57.59	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	792861	71.82	ng	-0.02
78) Terphenyl-d14	12.78	244	501182	49.20	ng	-0.02

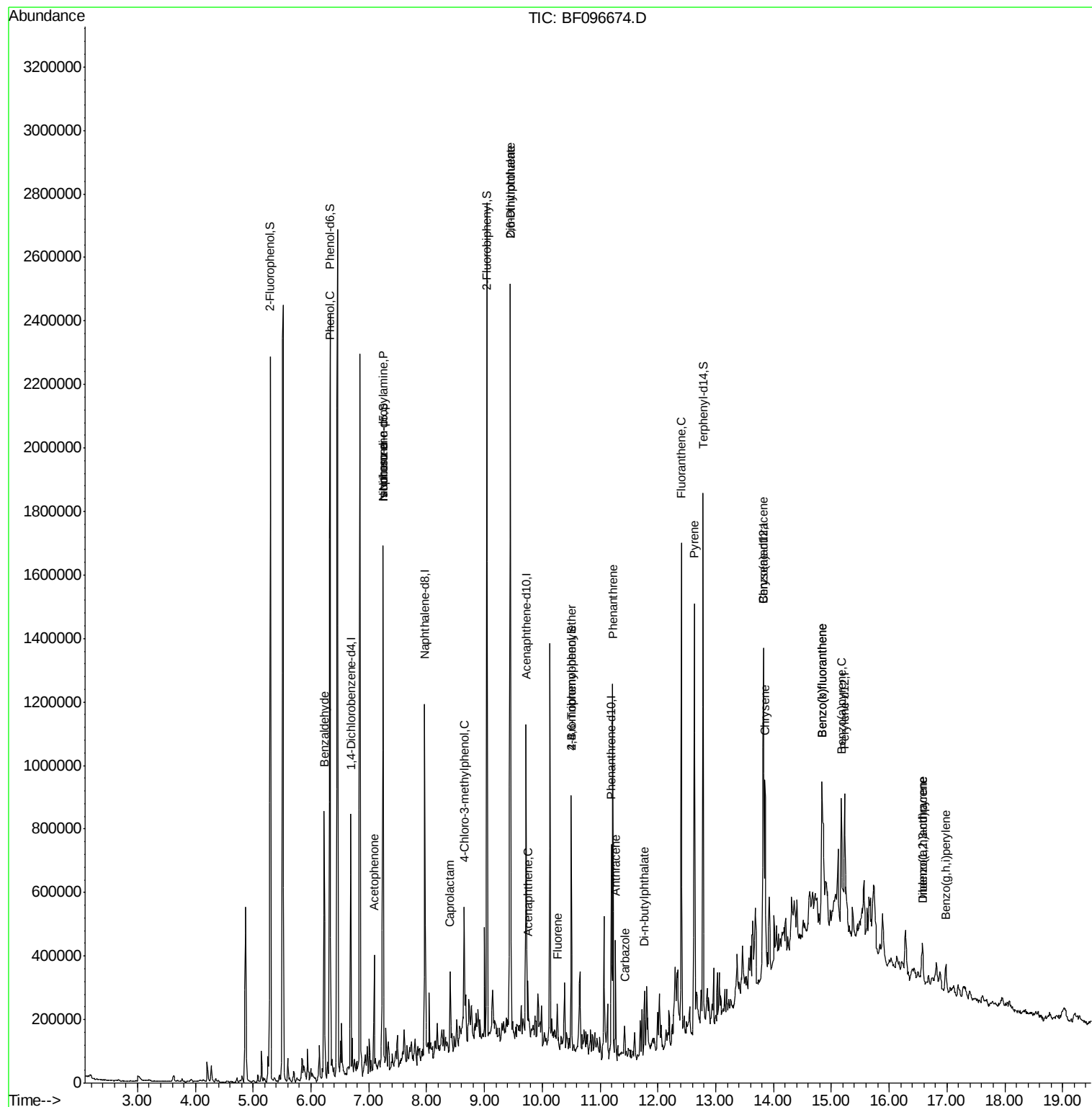
Target Compounds				Qvalue		
9) Benzaldehyde	6.23	77	137116	23.587	ng	99
10) Phenol	6.34	94	40879	3.863	ng	96
19) n-Nitroso-di-n-propylamine	7.25	70	78612	14.206	ng	# 88
22) Acetophenone	7.09	105	90913	9.550	ng	# 95
25) Isophorone	7.25	82	535870	38.118	ng	# 68
35) Caprolactam	8.41	113	4851	2.379	ng	# 1
36) 4-Chloro-3-methylphenol	8.65	107	121150	18.512	ng	# 14
49) Dimethylphthalate	9.45	163	1162901	82.529	ng	100
50) 2,6-Dinitrotoluene	9.45	165	13163	4.224	ng	# 1
51) Acenaphthene	9.75	154	30156	2.562	ng	97
57) Fluorene	10.26	166	27638	2.518	ng	# 97
66) 4-Bromophenyl-phenylether	10.50	248	5579	2.363	ng	# 1
70) Phenanthrene	11.22	178	395762	30.190	ng	99
71) Anthracene	11.27	178	113595	8.503	ng	98
72) Carbazole	11.42	167	41795	3.111	ng	97
73) Di-n-butylphthalate	11.77	149	62502	3.841	ng	99
74) Fluoranthene	12.41	202	627876	48.851	ng	99
77) Pyrene	12.63	202	549035	31.421	ng	100
80) Benzo(a)anthracene	13.82	228	269576	21.385	ng	99
82) Chrysene	13.86	228	238616	18.075	ng	96
85) Indeno(1,2,3-cd)pyrene	16.57	276	73668	7.070	ng	93
87) Benzo(b)fluoranthene	14.84	252	309327	33.492	ng	# 94
88) Benzo(k)fluoranthene	14.84	252	309327	37.441	ng	98
89) Benzo(a)pyrene	15.17	252	153941	18.669	ng	# 94
90) Dibenzo(a,h)anthracene	16.59	278	18678	2.879	ng	# 82
91) Benzo(g,h,i)perylene	16.98	276	67882	10.098	ng	93

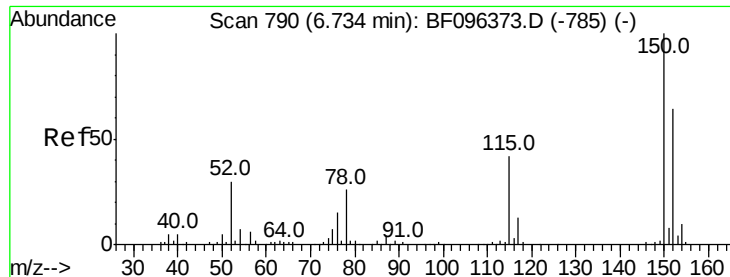
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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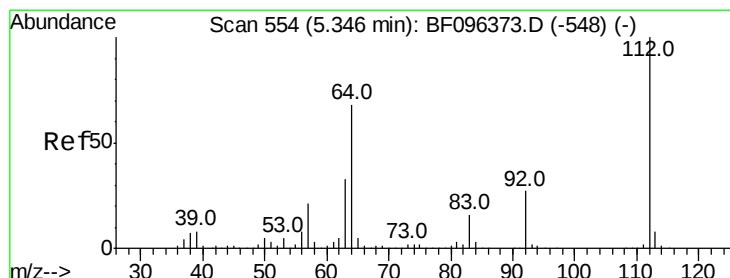
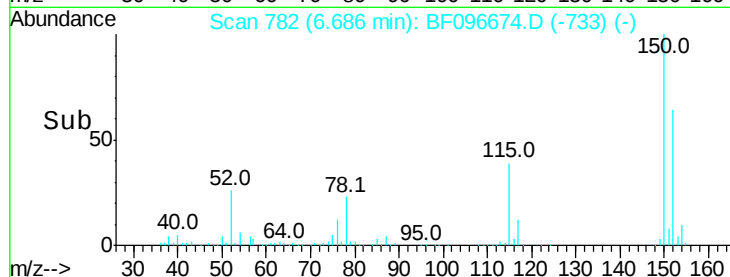
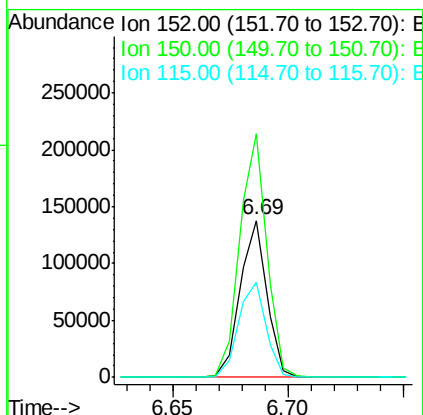
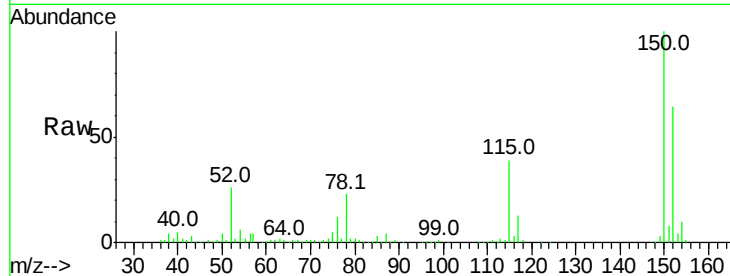


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF096674.D
 Acq: 12 Jul 2017 6:05

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS1-ESW

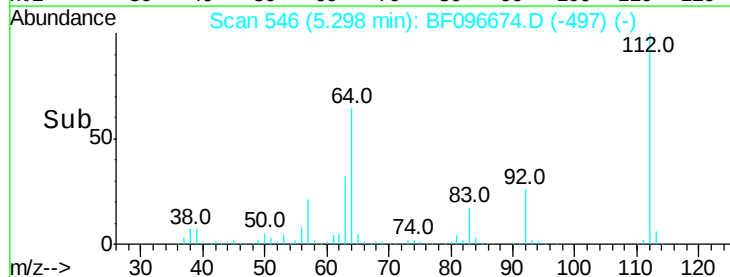
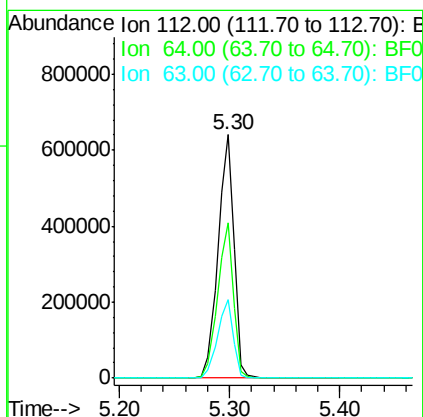
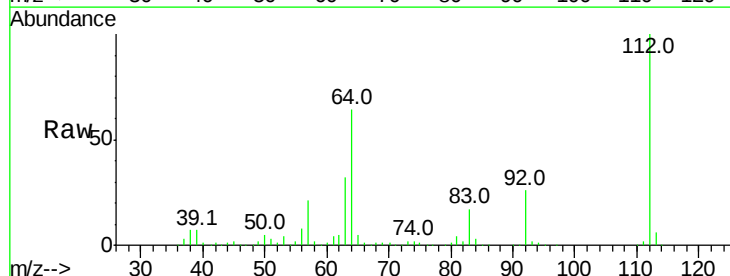
Tot Ion:152 Resp: 111520
 Ion Ratio Lower Upper
 152 100
 150 155.3 126.2 189.2
 115 60.8 52.2 78.2

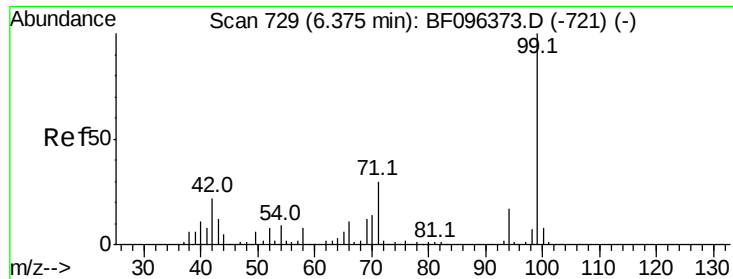


#5

2-Fluorophenol
 Concen: 85.006 ng
 RT: 5.30 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: BF096674.D
 Acq: 12 Jul 2017 6:05

Tgt Ion:112 Resp: 642283
 Ion Ratio Lower Upper
 112 100
 64 63.8 46.0 69.0
 63 32.1 23.4 35.0





#7

Phenol-d6

Concen: 99.045 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096674.D

Acq: 12 Jul 2017 6:05

Instrument :

BNA_F

ClientSampleId :

E2-HS1-ESW

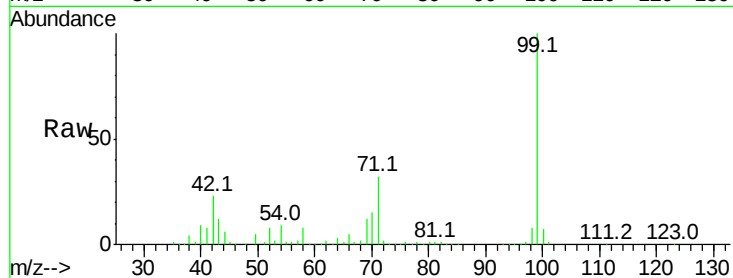
Tot Ion: 99 Resp: 920007

Ion Ratio Lower Upper

99 100

42 23.0 13.5 20.3#

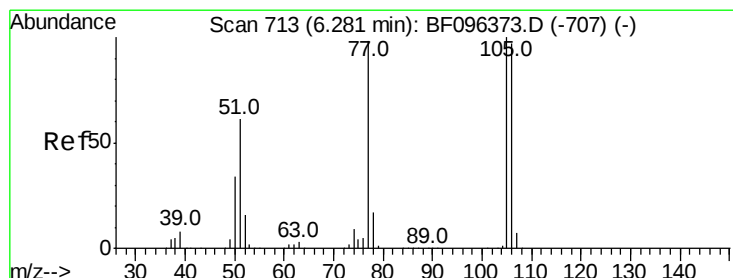
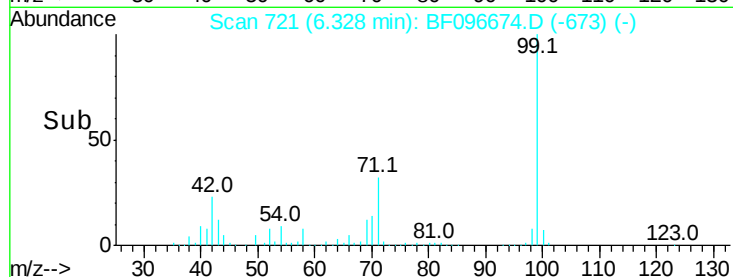
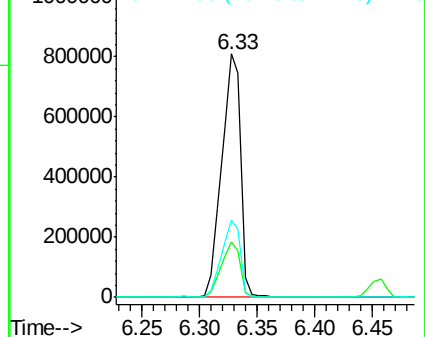
71 31.8 24.5 36.7



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



#9

Benzaldehyde

Concen: 23.587 ng

RT: 6.23 min Scan# 704

Delta R.T. -0.02 min

Lab File: BF096674.D

Acq: 12 Jul 2017 6:05

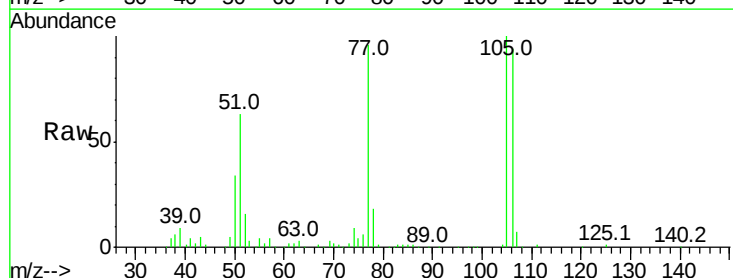
Tgt Ion: 77 Resp: 137116

Ion Ratio Lower Upper

77 100

105 104.0 83.8 123.8

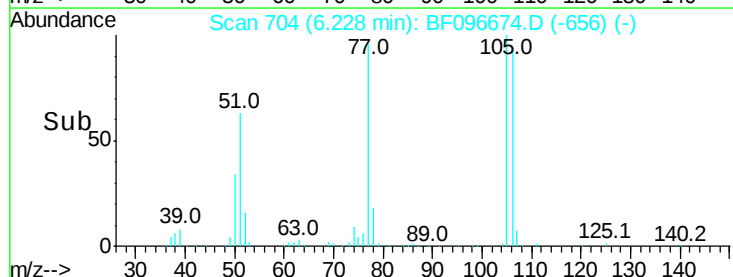
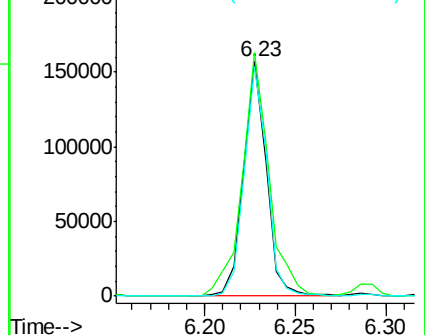
106 98.1 79.1 119.1

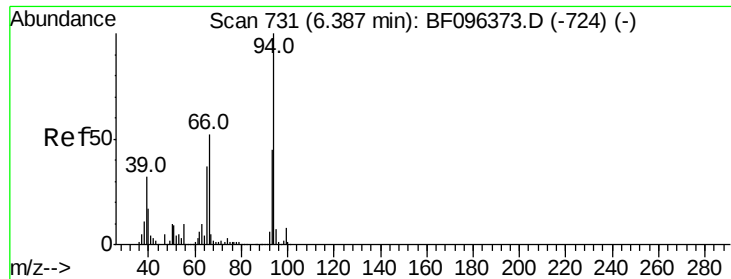


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 3.863 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF096674.D

Acq: 12 Jul 2017 6:05

Instrument :

BNA_F

ClientSampleId :

E2-HS1-ESW

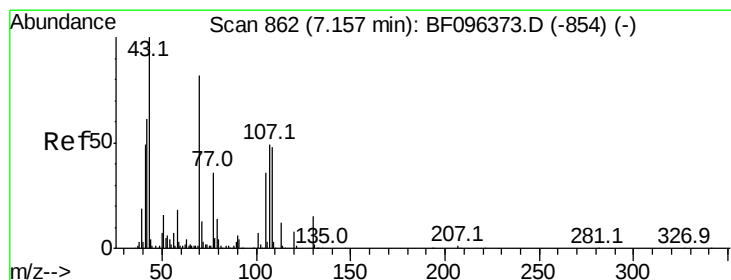
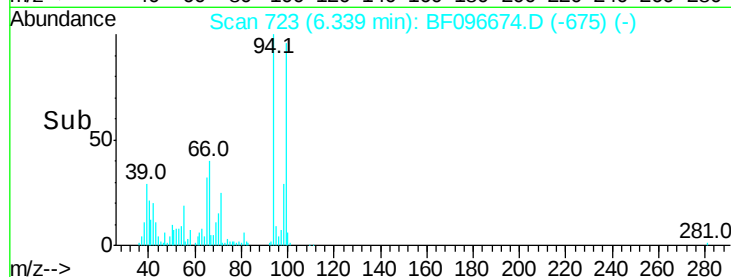
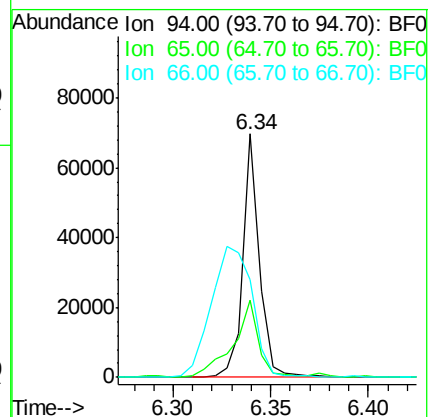
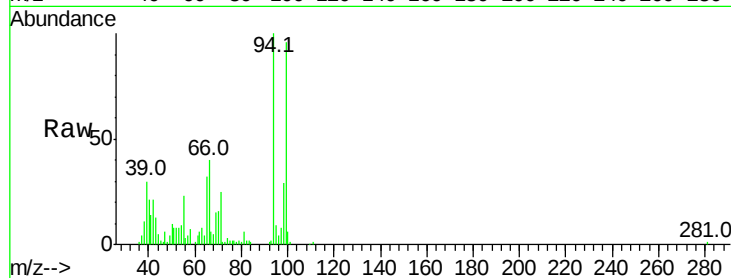
Tot Ion: 94 Resp: 40879

Ion Ratio Lower Upper

94 100

65 31.8 9.9 49.9

66 40.3 23.1 63.1



#19

n-Nitroso-di-n-propylamine

Concen: 14.206 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.12 min

Lab File: BF096674.D

Acq: 12 Jul 2017 6:05

Tgt Ion: 70 Resp: 78612

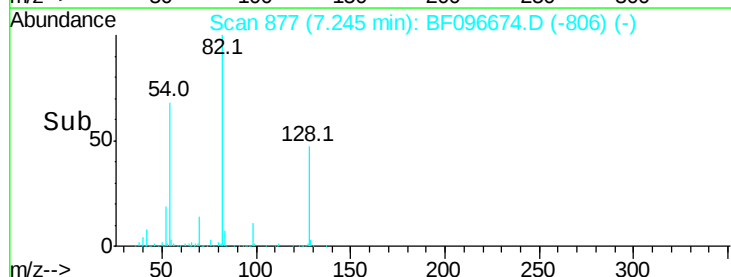
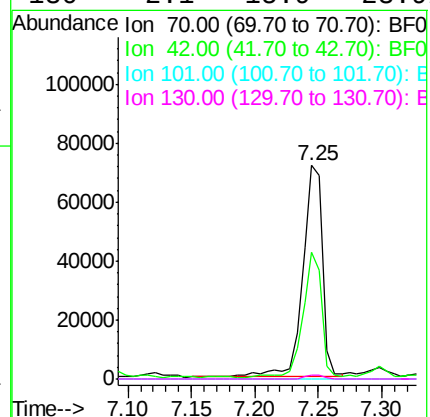
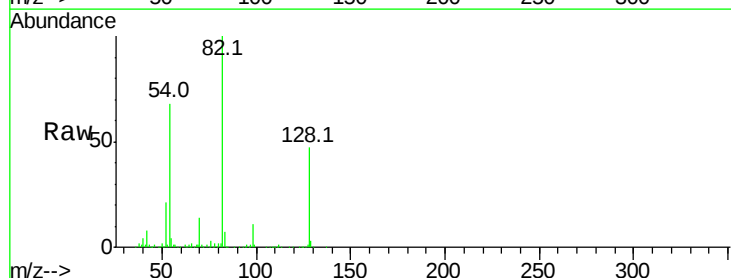
Ion Ratio Lower Upper

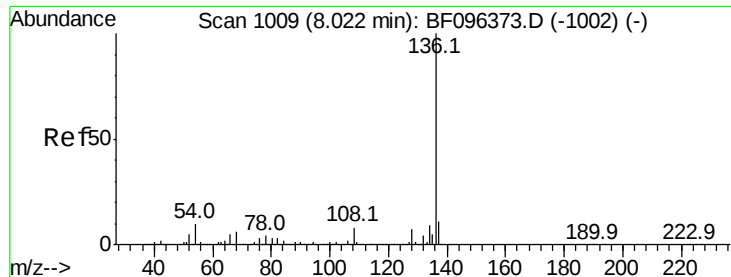
70 100

42 59.4 47.2 70.8

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF096674.D

Acq: 12 Jul 2017 6:05

Instrument :

BNA_F

ClientSampleId :

E2-HS1-ESW

Tot Ion:136 Resp: 435693

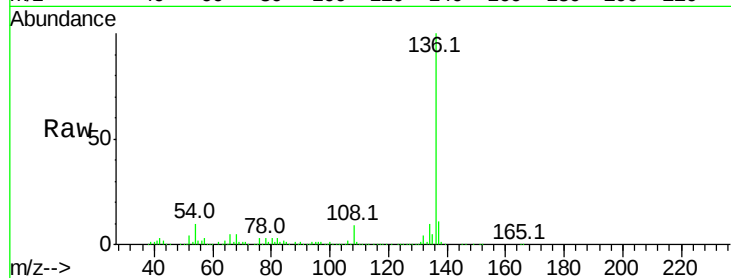
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 9.8 4.9 7.3#

68 5.1 4.1 6.1

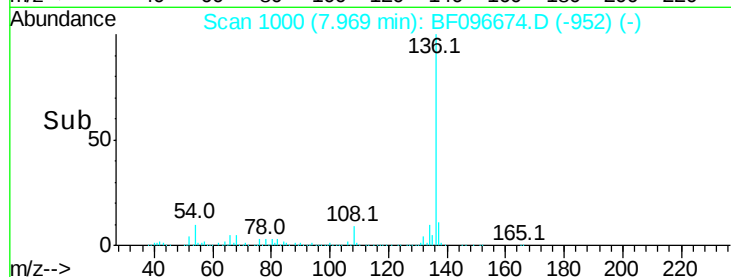


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

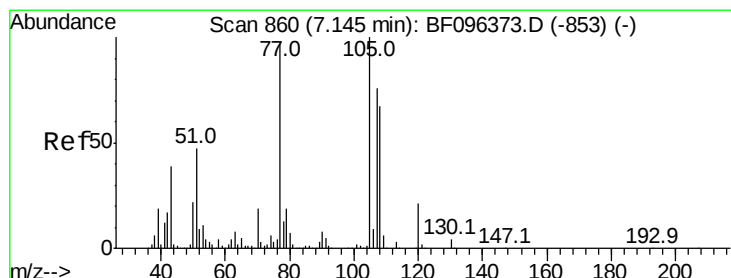
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

7.97



#22

Acetophenone

Concen: 9.550 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF096674.D

Acq: 12 Jul 2017 6:05

Tgt Ion:105 Resp: 90913

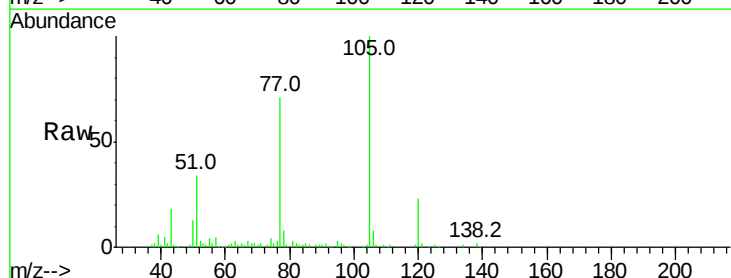
Ion Ratio Lower Upper

105 100

71 2.0 2.8 4.2#

51 34.2 30.7 46.1

120 22.9 17.4 26.0

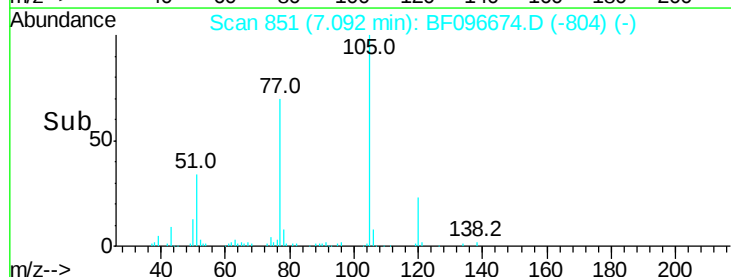


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

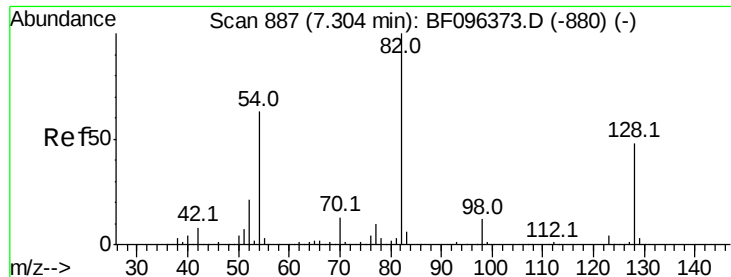
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

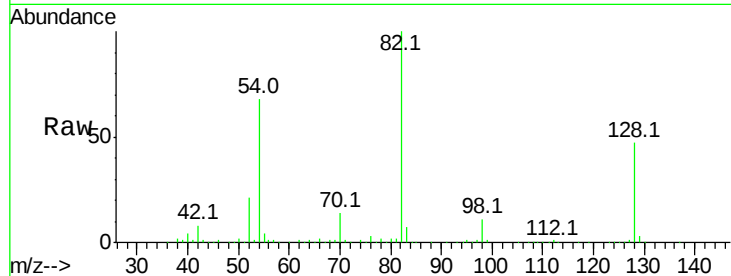
7.09



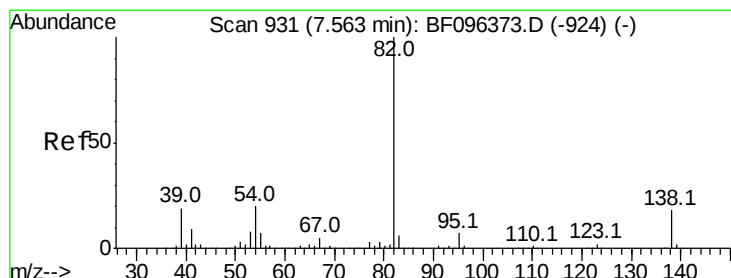
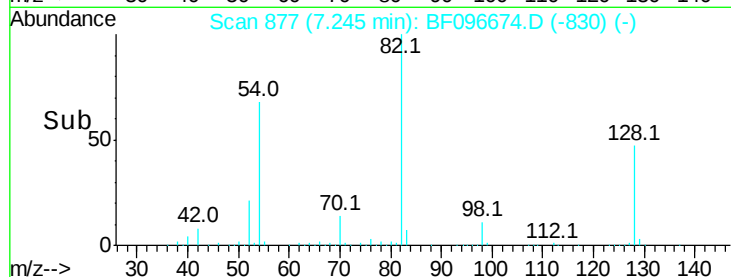
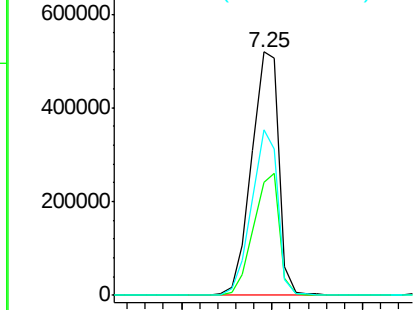
#23
Nitrobenzene-d5
Concen: 74.630 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF096674.D
Acq: 12 Jul 2017 6:05

Instrument :
BNA_F
ClientSampleId :
E2-HS1-ESW

Tot Ion: 82 Resp: 541107
Ion Ratio Lower Upper
82 100
128 46.6 34.0 51.0
54 68.1 42.2 63.2#

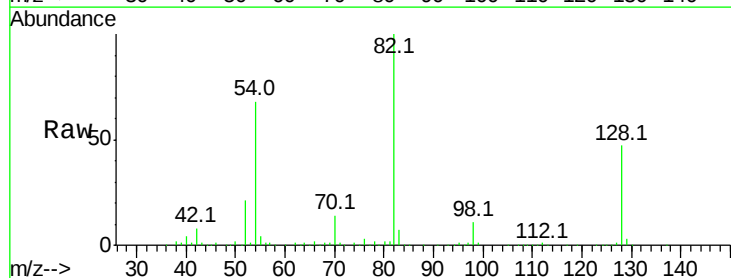


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

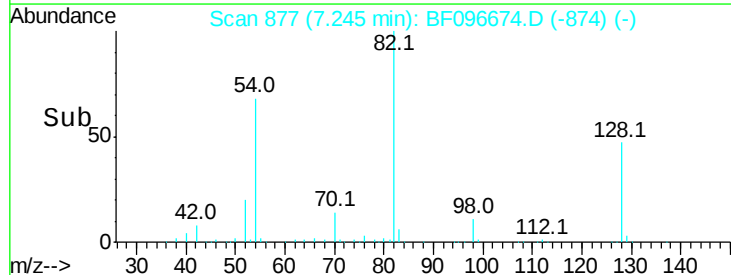
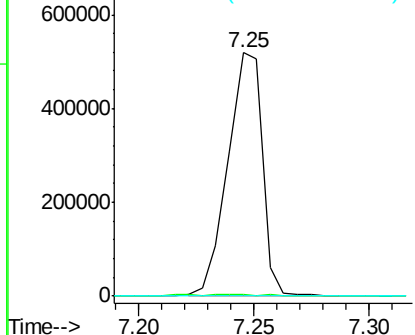


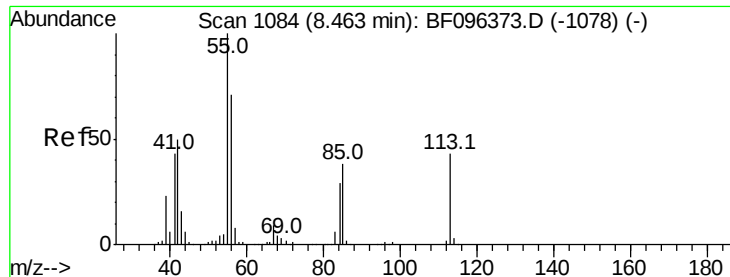
#25
Isophorone
Concen: 38.118 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.28 min
Lab File: BF096674.D
Acq: 12 Jul 2017 6:05

Tgt Ion: 82 Resp: 535870
Ion Ratio Lower Upper
82 100
95 0.5 5.3 7.9#
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0





#35

Caprolactam

Concen: 2.379 ng

RT: 8.41 min Scan# 1075

Delta R.T. -0.02 min

Lab File: BF096674.D

Acq: 12 Jul 2017 6:05

Instrument :

BNA_F

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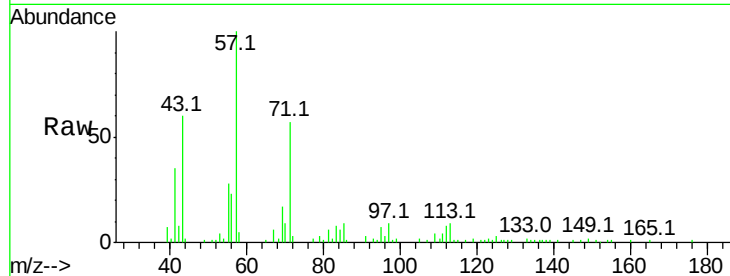
Tot Ion:113 Resp: 4851

Ion Ratio Lower Upper

113 100

55 327.2 150.2 190.2#

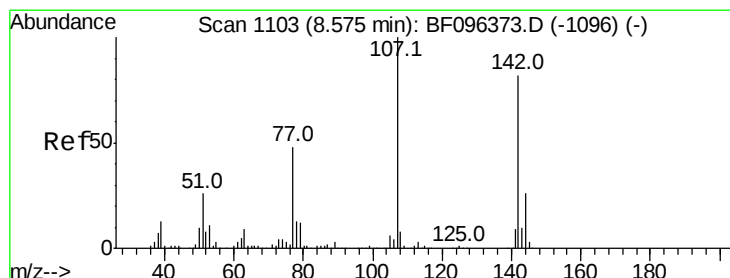
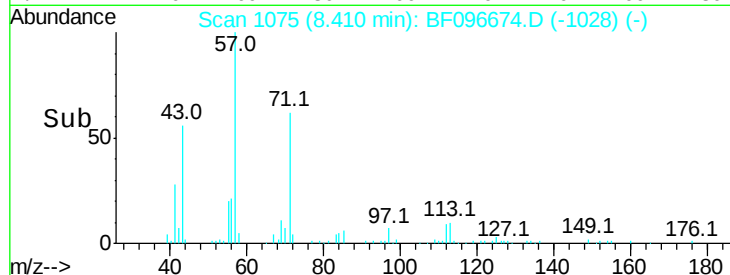
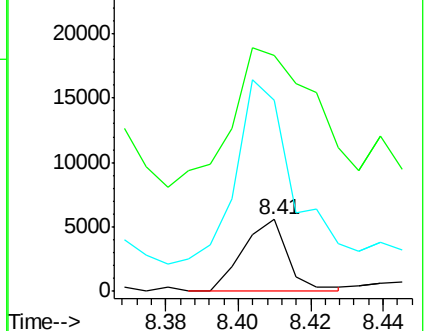
56 264.7 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 18.512 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.11 min

Lab File: BF096674.D

Acq: 12 Jul 2017 6:05

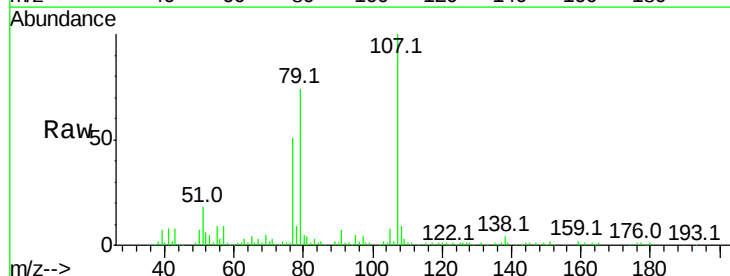
Tgt Ion:107 Resp: 121150

Ion Ratio Lower Upper

107 100

144 0.5 24.2 36.4#

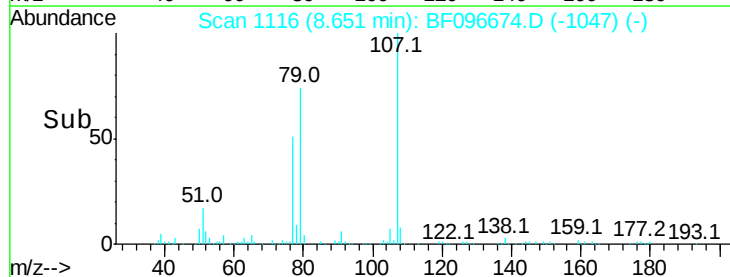
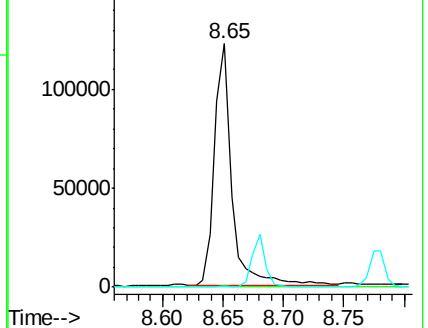
142 0.0 73.4 110.0#

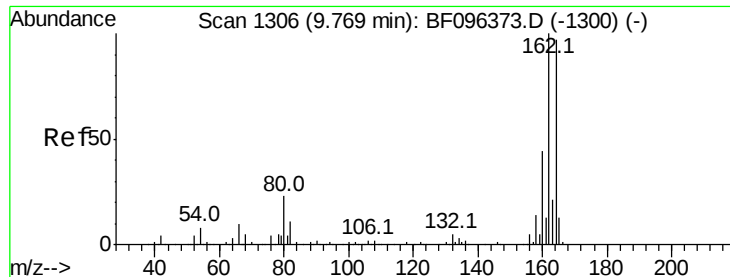


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

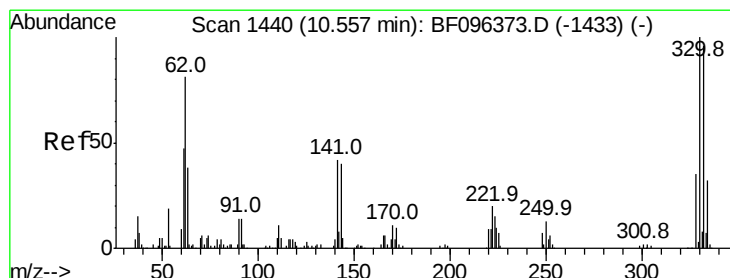
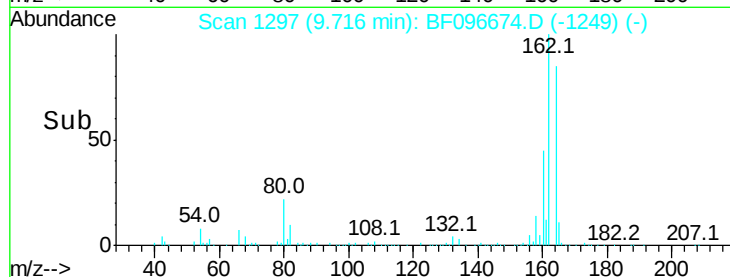
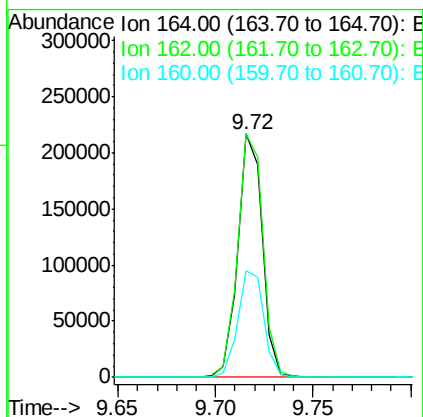
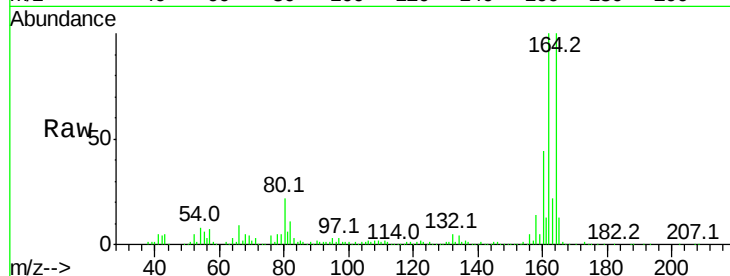




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF096674.D
 Acq: 12 Jul 2017 6:05

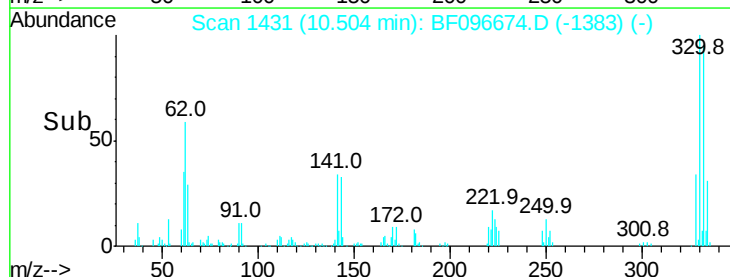
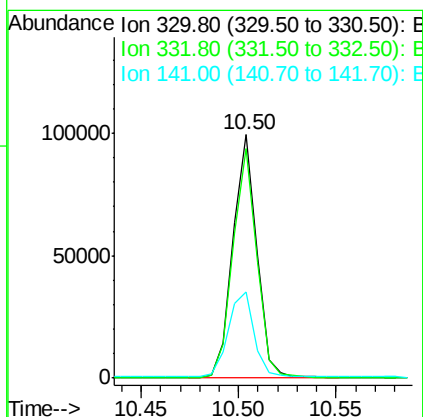
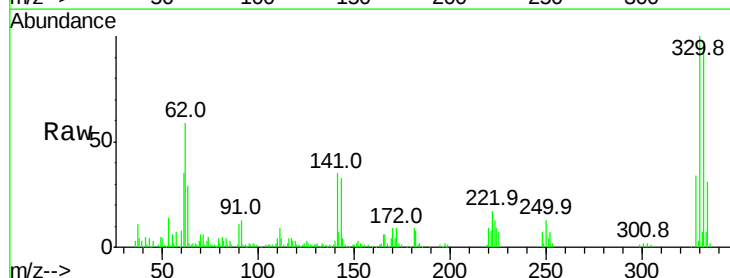
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS1-ESW

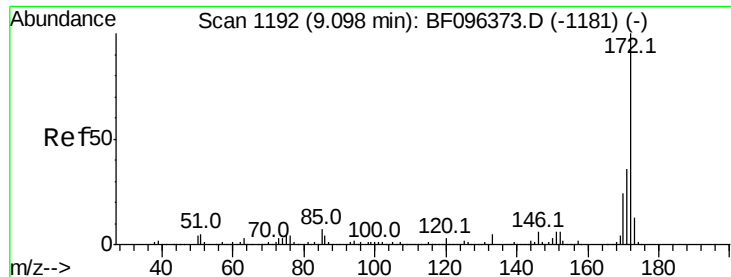
Tot Ion:164 Resp: 188756
 Ion Ratio Lower Upper
 164 100
 162 100.2 82.6 123.8
 160 43.6 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 57.593 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF096674.D
 Acq: 12 Jul 2017 6:05

Tgt Ion:330 Resp: 84916
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 115.0
 141 37.9 31.4 47.2

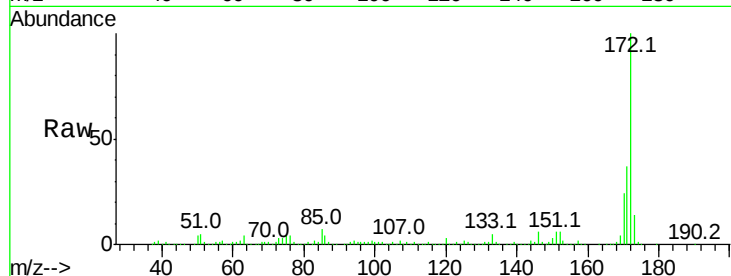




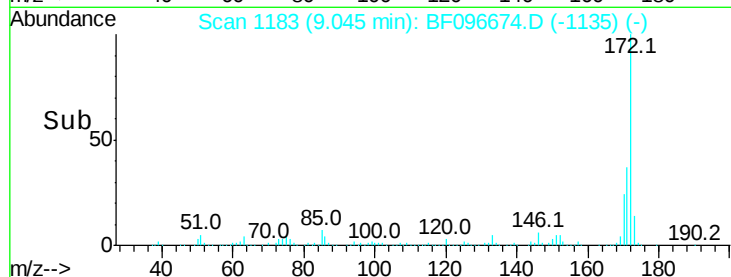
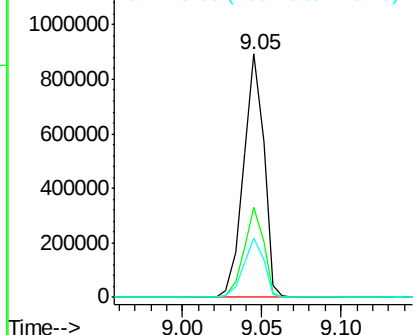
#44
2-Fluorobiphenyl
Concen: 71.818 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF096674.D
Acq: 12 Jul 2017 6:05

Instrument :
BNA_F
ClientSampleId :
E2-HS1-ESW

Tot Ion:172 Resp: 792861
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.4 19.8 29.8

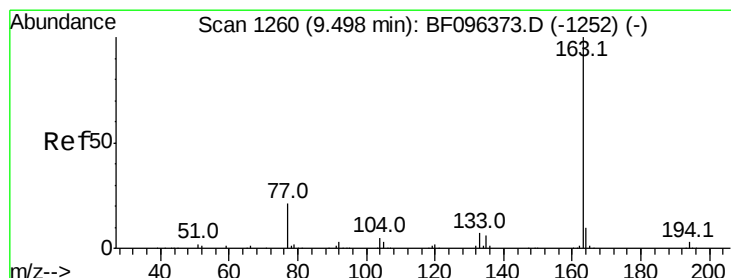


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

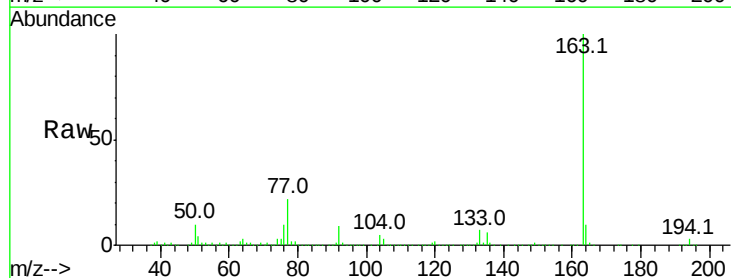
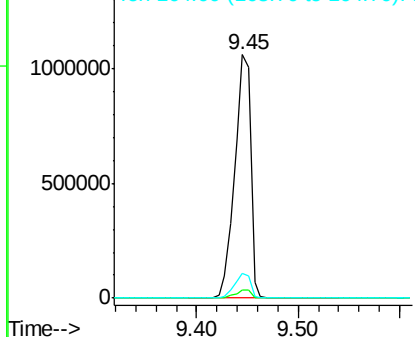


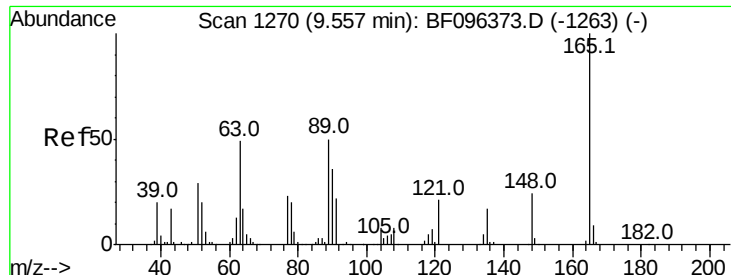
#49
Dimethylphthalate
Concen: 82.529 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF096674.D
Acq: 12 Jul 2017 6:05

Tgt Ion:163 Resp: 1162901
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.4 8.4 12.6



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

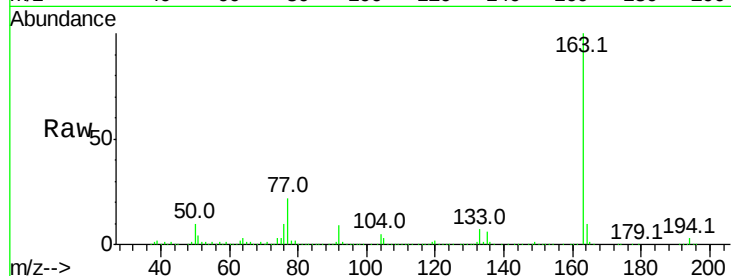




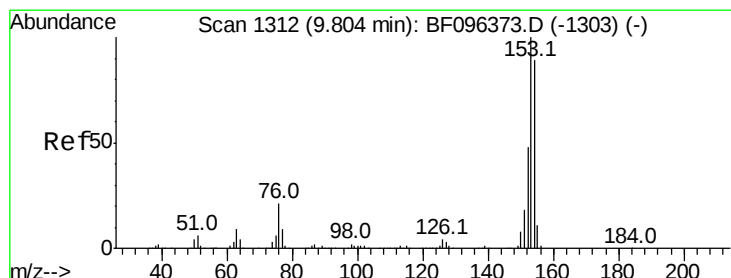
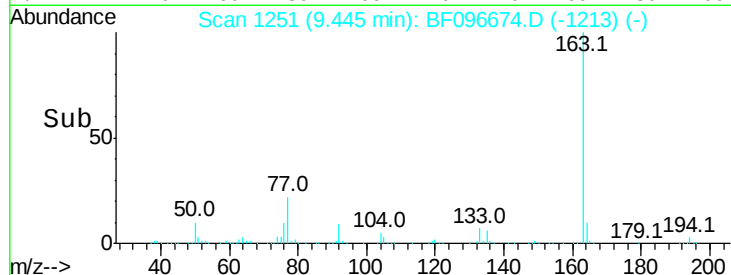
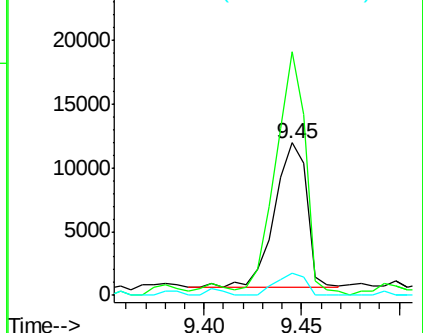
#50
 2,6-Dinitrotoluene
 Concen: 4.224 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.08 min
 Lab File: BF096674.D
 Acq: 12 Jul 2017 6:05

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS1-ESW

Tot Ion:165 Resp: 13163
 Ion Ratio Lower Upper
 165 100
 63 159.5 34.3 51.5#
 89 14.7 37.1 55.7#

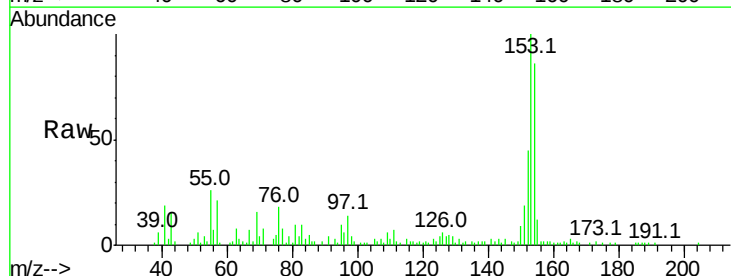


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

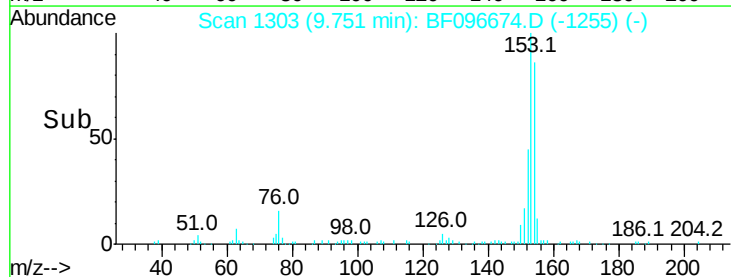
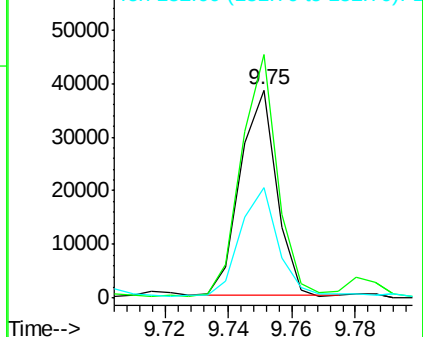


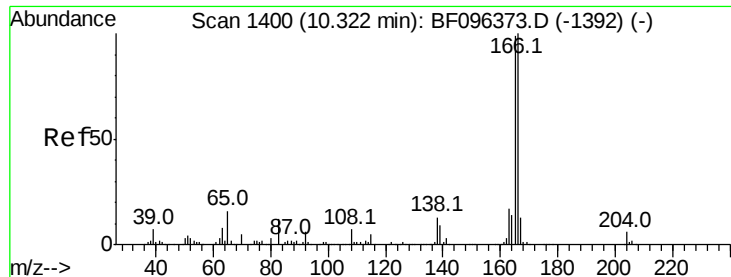
#51
 Acenaphthene
 Concen: 2.562 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF096674.D
 Acq: 12 Jul 2017 6:05

Tgt Ion:154 Resp: 30156
 Ion Ratio Lower Upper
 154 100
 153 116.8 90.5 135.7
 152 53.2 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

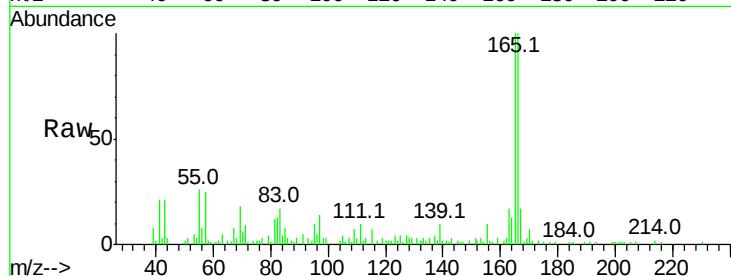




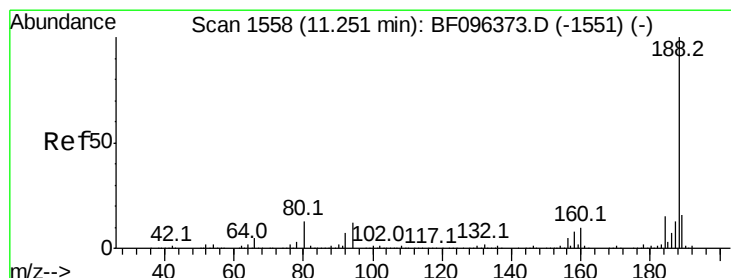
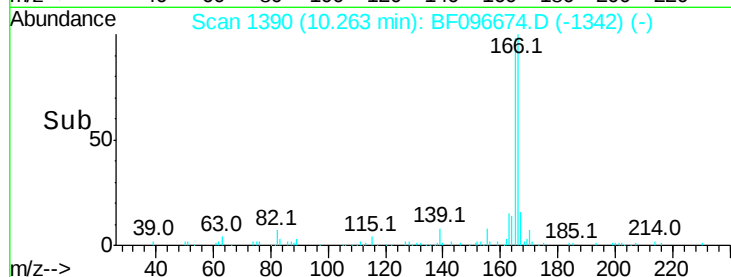
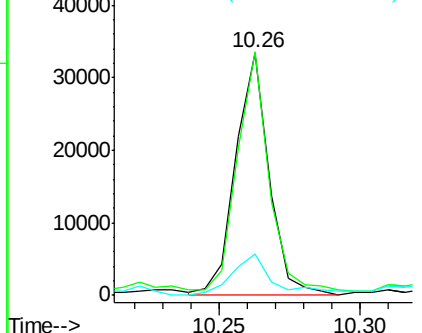
#57
 Fluorene
 Concen: 2.518 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.02 min
 Lab File: BF096674.D
 Acq: 12 Jul 2017 6:05

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS1-ESW

Tot Ion:166 Resp: 27638
 Ion Ratio Lower Upper
 166 100
 165 100.2 78.8 118.2
 167 17.1 10.6 16.0#

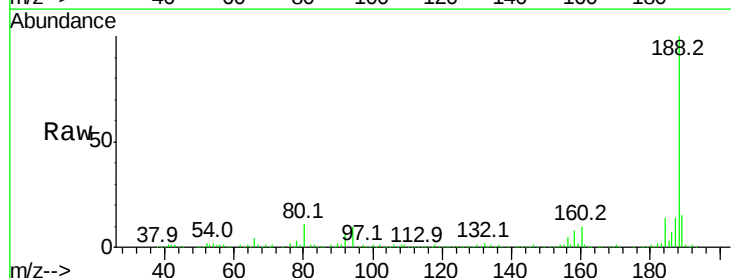


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

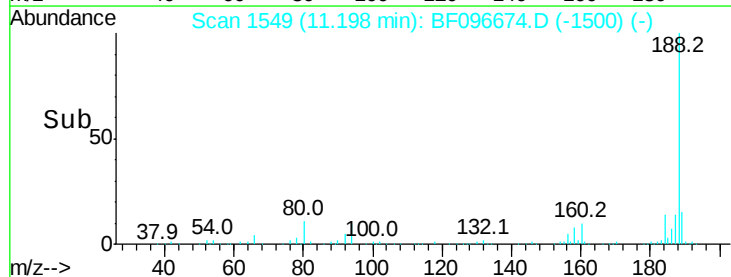
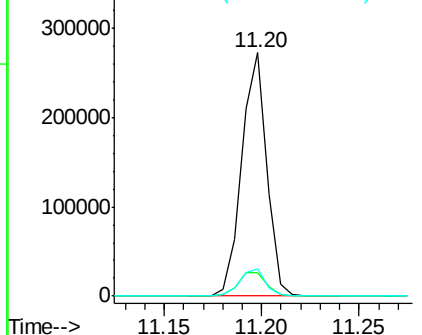


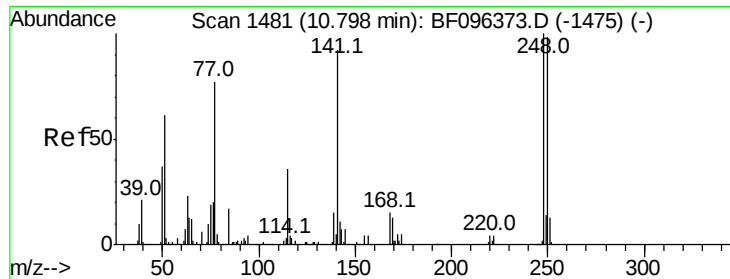
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF096674.D
 Acq: 12 Jul 2017 6:05

Tgt Ion:188 Resp: 242504
 Ion Ratio Lower Upper
 188 100
 94 9.8 9.4 14.2
 80 11.2 10.2 15.2



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

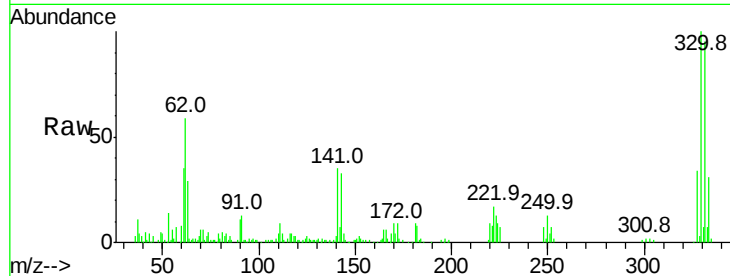




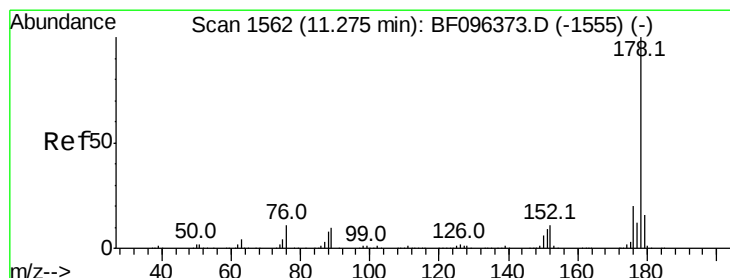
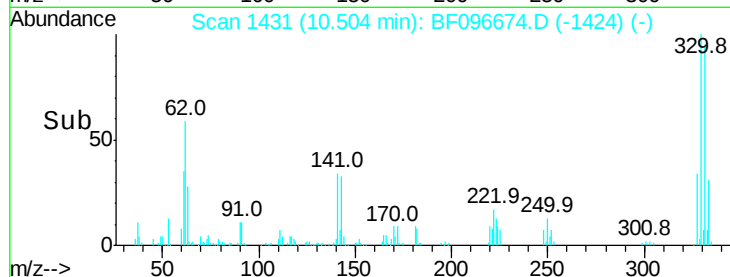
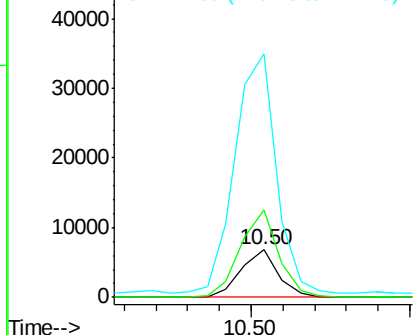
#66
 4-Bromophenyl-phenylether
 Concen: 2.363 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.26 min
 Lab File: BF096674.D
 Acq: 12 Jul 2017 6:05

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS1-ESW

Tot Ion:248 Resp: 5579
 Ion Ratio Lower Upper
 248 100
 250 185.5 76.8 115.2#
 141 513.1 68.6 103.0#

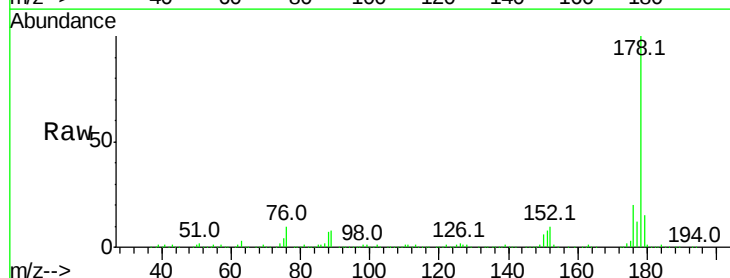


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

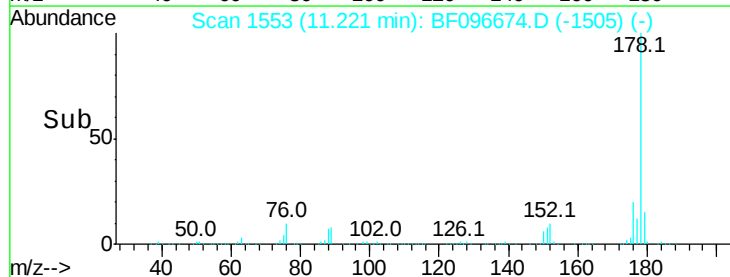
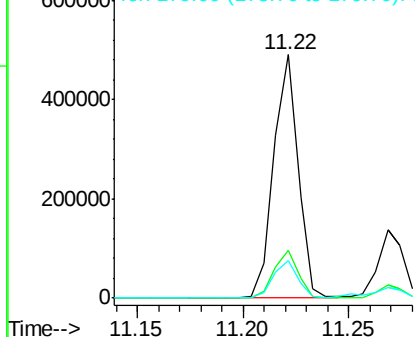


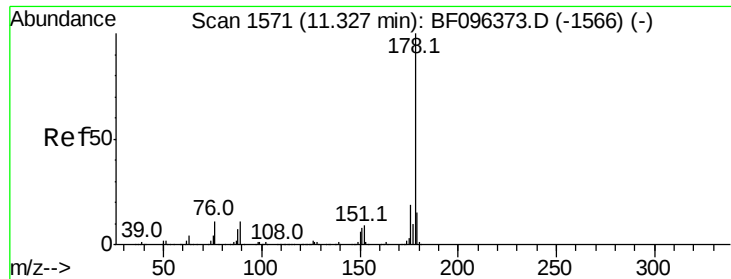
#70
 Phenanthrene
 Concen: 30.190 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. -0.02 min
 Lab File: BF096674.D
 Acq: 12 Jul 2017 6:05

Tgt Ion:178 Resp: 395762
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.2 24.4
 179 15.4 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

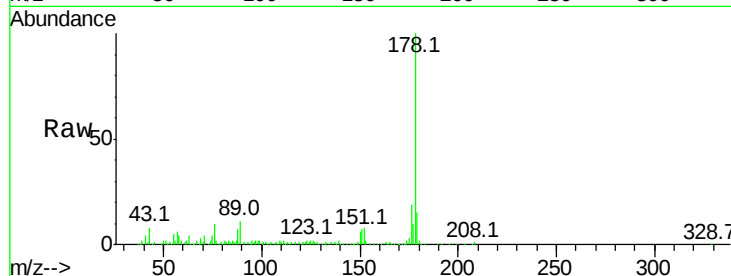




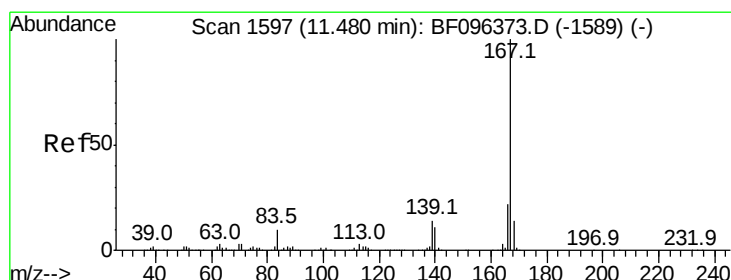
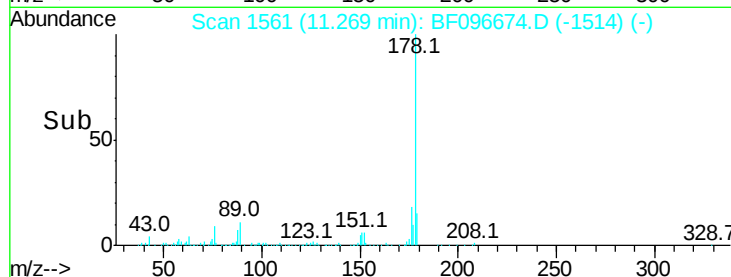
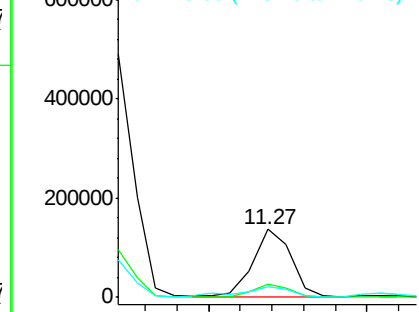
#71
 Anthracene
 Concen: 8.503 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.02 min
 Lab File: BF096674.D
 Acq: 12 Jul 2017 6:05

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS1-ESW

Tot Ion:178 Resp: 113595
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.8 23.8
 179 15.3 12.7 19.1

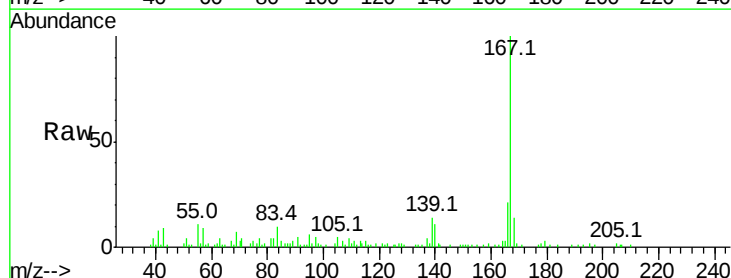


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

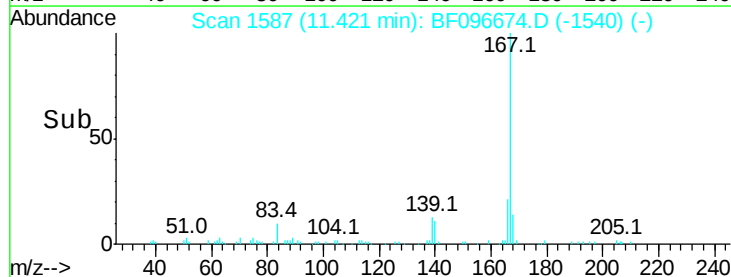
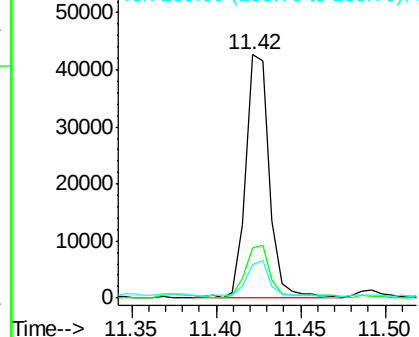


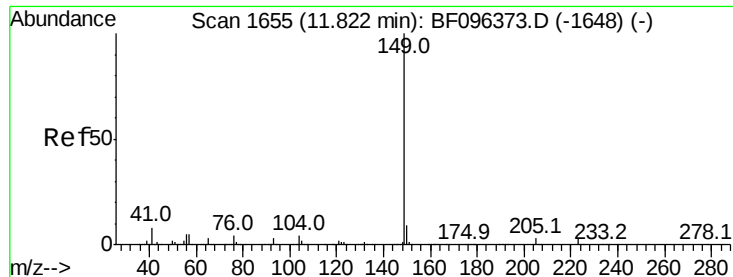
#72
 Carbazole
 Concen: 3.111 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.02 min
 Lab File: BF096674.D
 Acq: 12 Jul 2017 6:05

Tgt Ion:167 Resp: 41795
 Ion Ratio Lower Upper
 167 100
 166 20.8 18.1 27.1
 139 13.6 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 3.841 ng

RT: 11.77 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BF096674.D

Acq: 12 Jul 2017 6:05

Instrument :

BNA_F

ClientSampleId :

E2-HS1-ESW

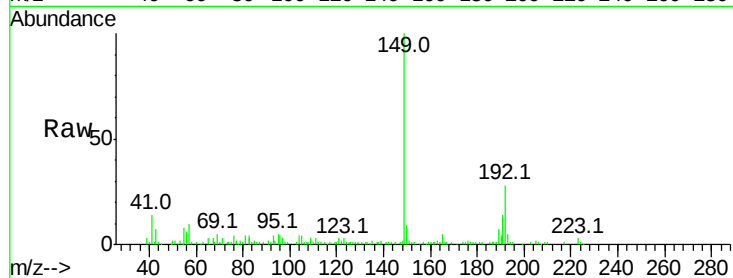
Tot Ion:149 Resp: 62502

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

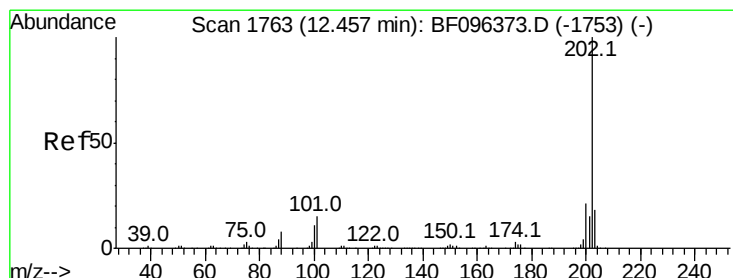
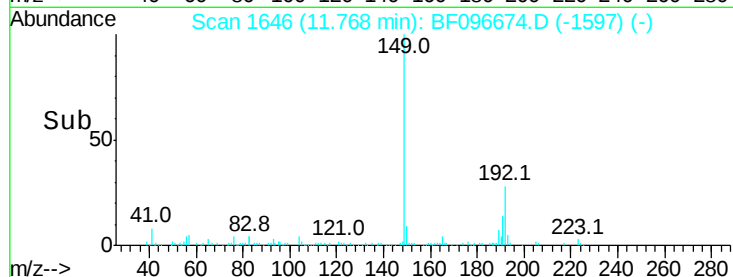
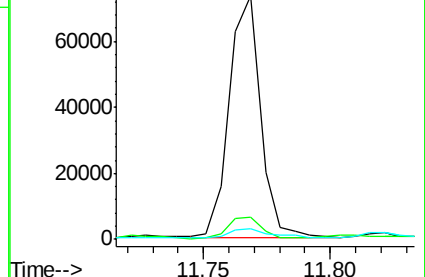
104 4.5 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.851 ng

RT: 12.41 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF096674.D

Acq: 12 Jul 2017 6:05

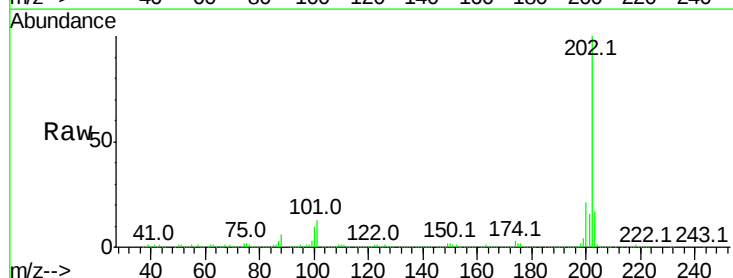
Tgt Ion:202 Resp: 627876

Ion Ratio Lower Upper

202 100

101 13.4 0.0 33.2

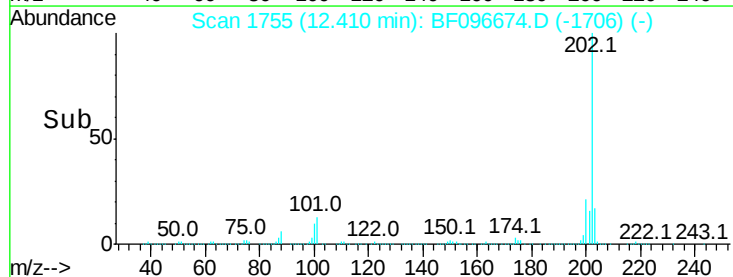
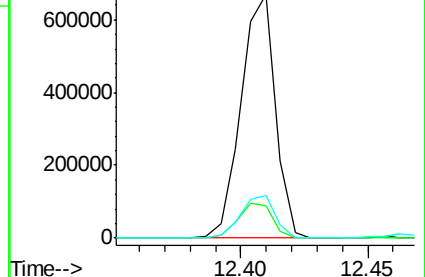
203 17.3 0.0 38.1

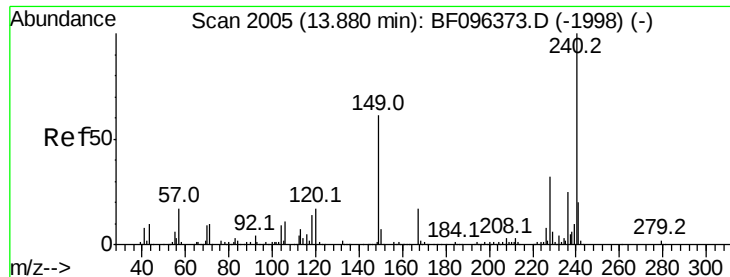


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF096674.D

Acq: 12 Jul 2017 6:05

Instrument :

BNA_F

ClientSampleId :

E2-HS1-ESW

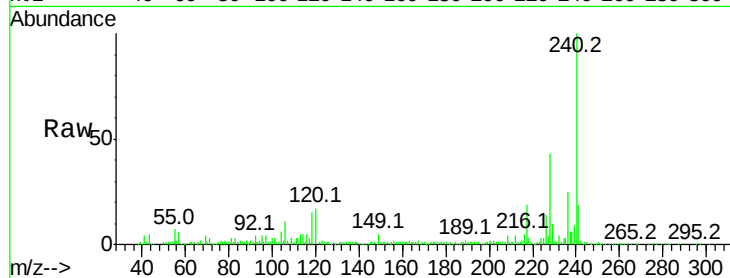
Tot Ion:240 Resp: 217690

Ion Ratio Lower Upper

240 100

120 17.2 5.8 8.8#

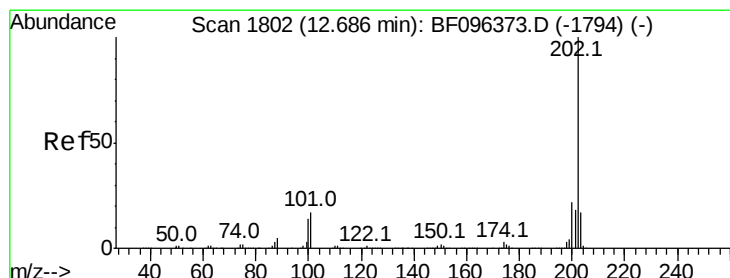
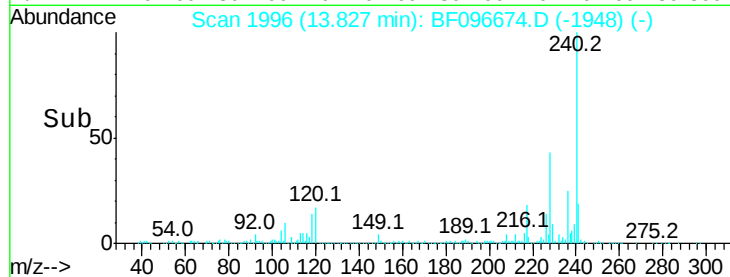
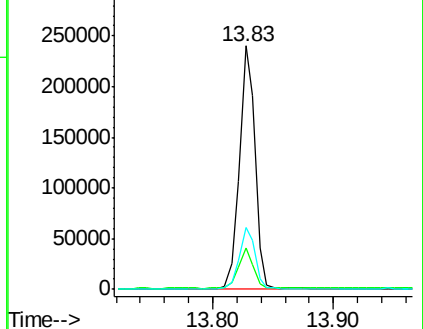
236 25.2 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 31.421 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.02 min

Lab File: BF096674.D

Acq: 12 Jul 2017 6:05

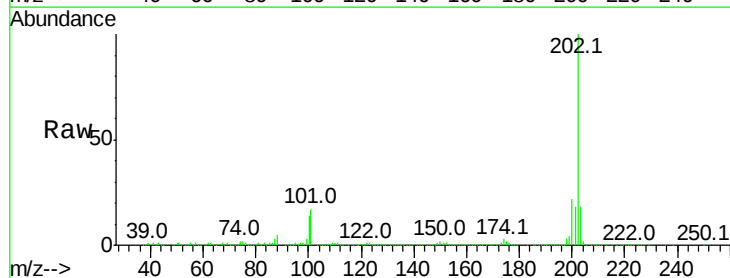
Tgt Ion:202 Resp: 549035

Ion Ratio Lower Upper

202 100

200 21.8 17.6 26.4

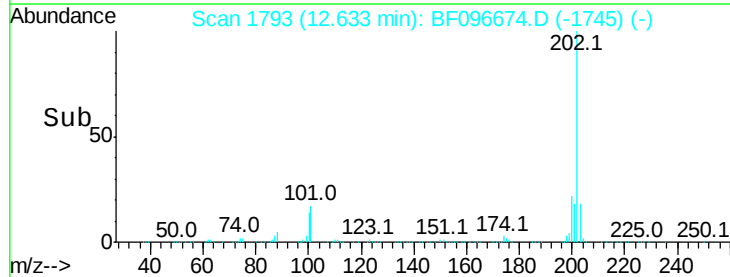
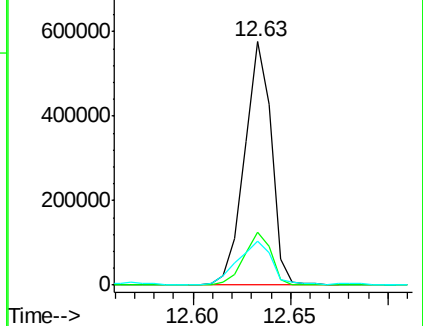
203 17.8 14.4 21.6

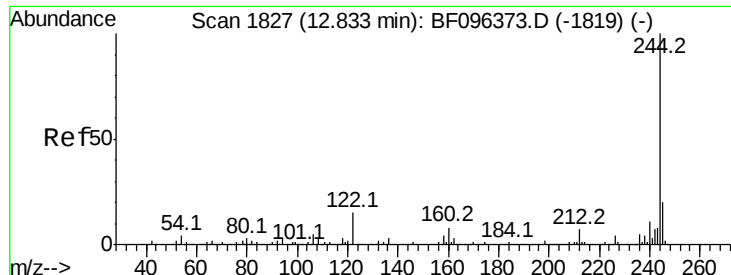


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 49.196 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF096674.D

Acq: 12 Jul 2017 6:05

Instrument :

BNA_F

ClientSampleId :

E2-HS1-ESW

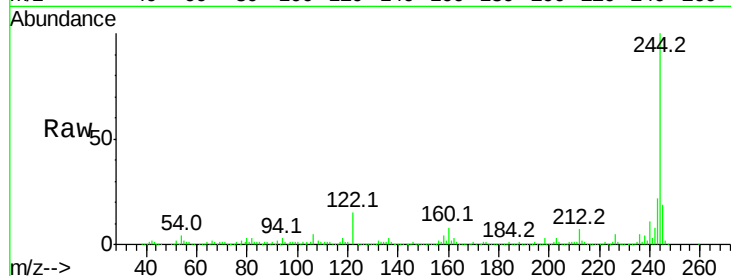
Tot Ion:244 Resp: 501182

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

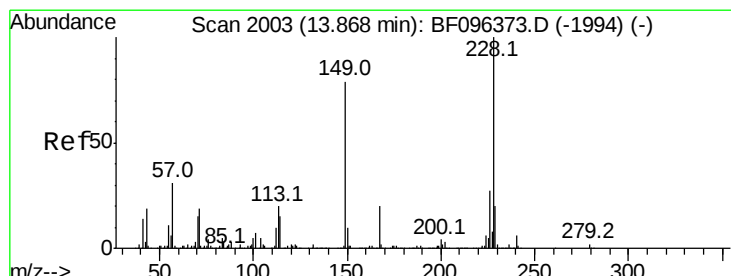
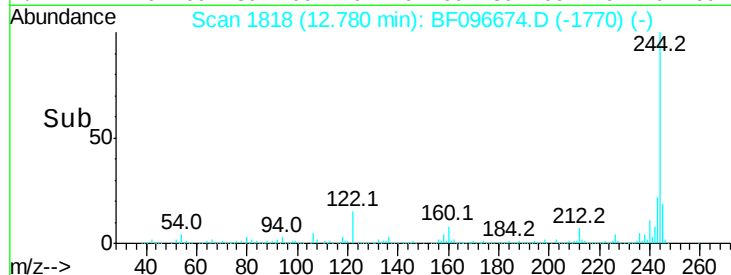
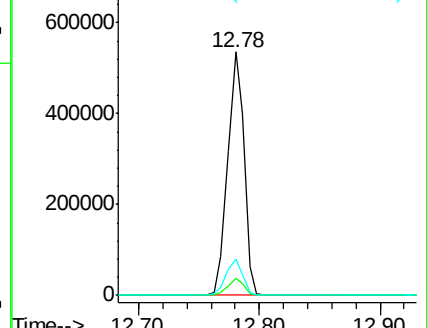
122 15.1 10.3 15.5



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: 21.385 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF096674.D

Acq: 12 Jul 2017 6:05

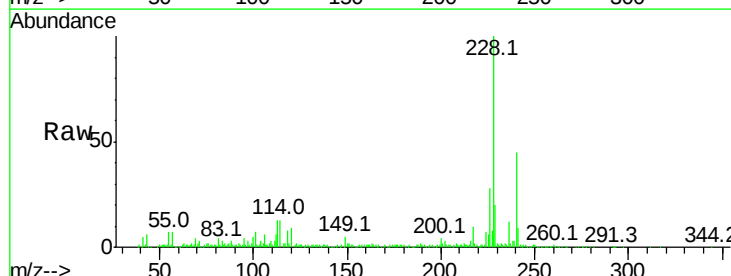
Tgt Ion:228 Resp: 269576

Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

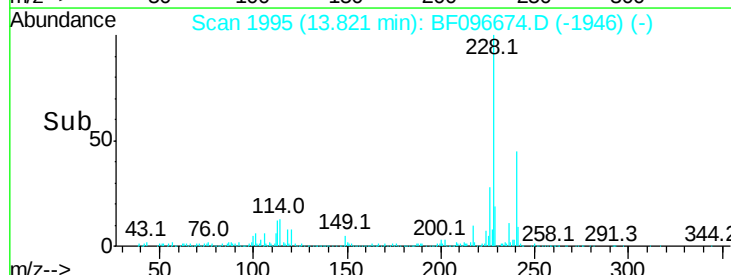
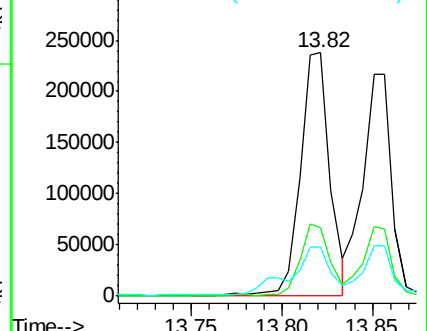
229 19.9 16.3 24.5

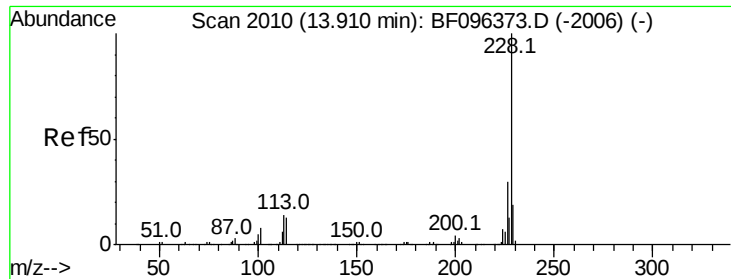


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 18.075 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.02 min

Lab File: BF096674.D

Acq: 12 Jul 2017 6:05

Instrument :

BNA_F

ClientSampleId :

E2-HS1-ESW

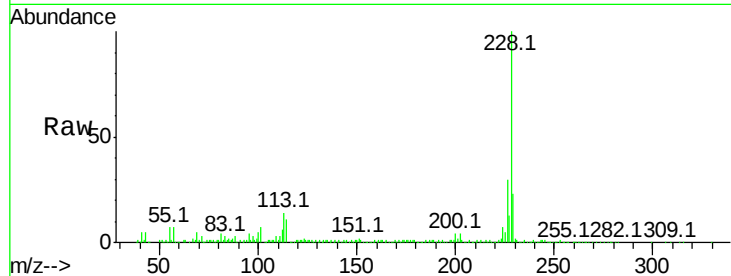
Tot Ion:228 Resp: 238616

Ion Ratio Lower Upper

228 100

226 29.8 24.9 37.3

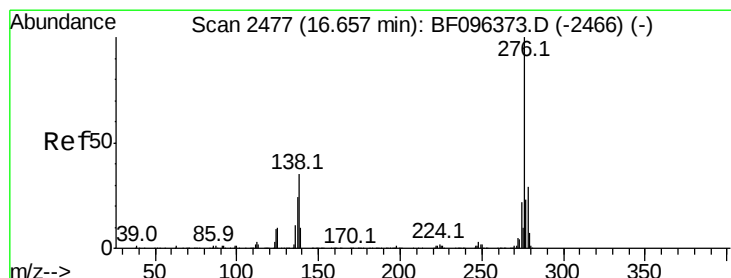
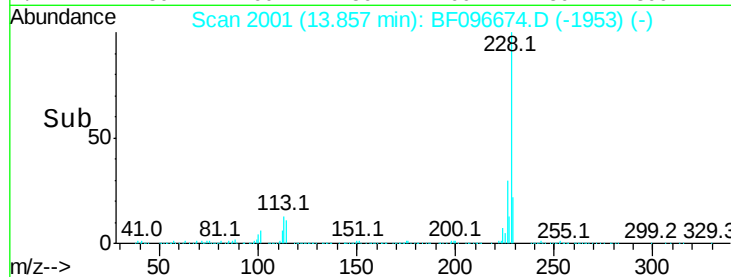
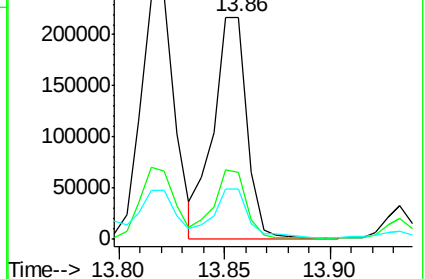
229 22.6 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 7.070 ng

RT: 16.57 min Scan# 2463

Delta R.T. -0.03 min

Lab File: BF096674.D

Acq: 12 Jul 2017 6:05

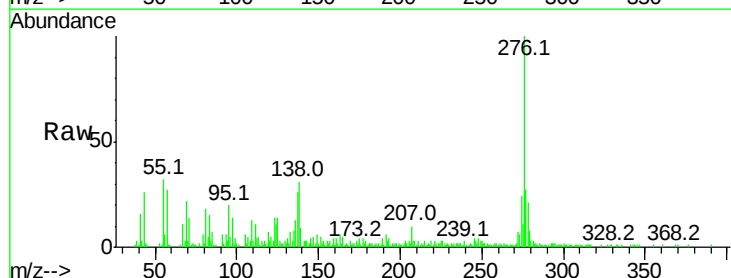
Tgt Ion:276 Resp: 73668

Ion Ratio Lower Upper

276 100

138 28.4 27.8 41.6

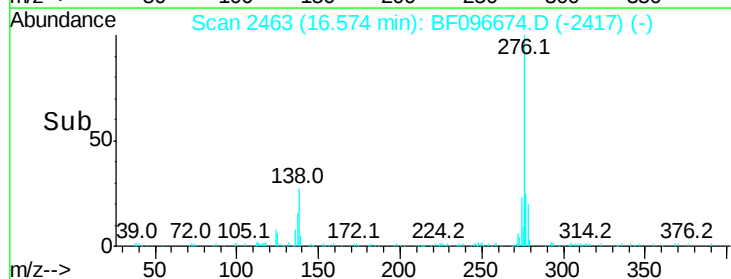
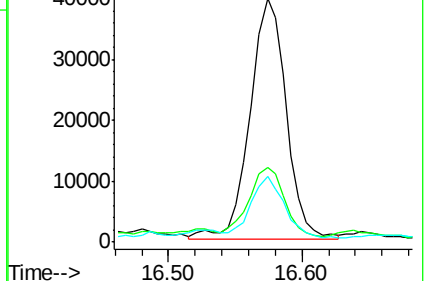
277 23.9 20.2 30.4

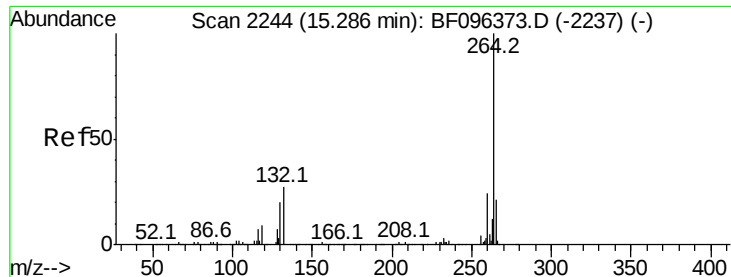


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BF096674.D

Acq: 12 Jul 2017 6:05

Instrument :

BNA_F

ClientSampleId :

E2-HS1-ESW

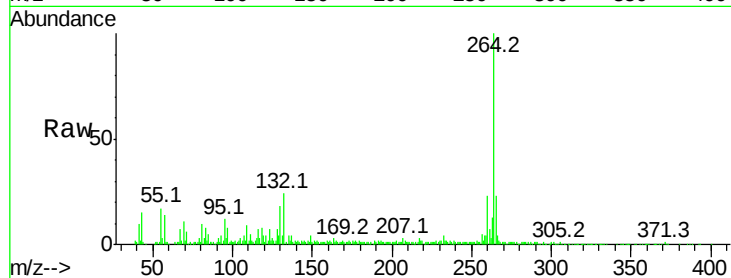
Tot Ion:264 Resp: 147399

Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

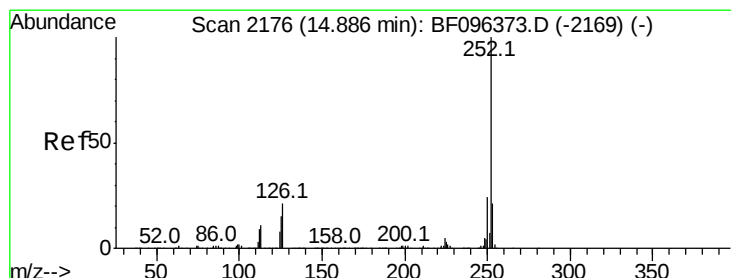
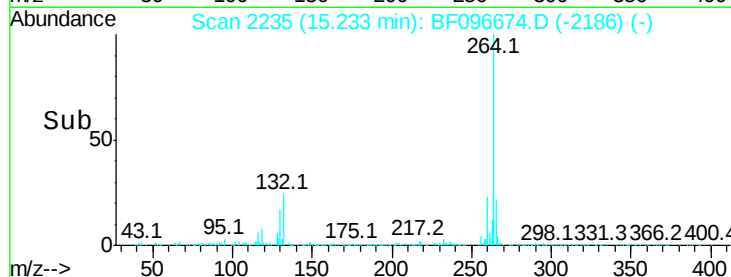
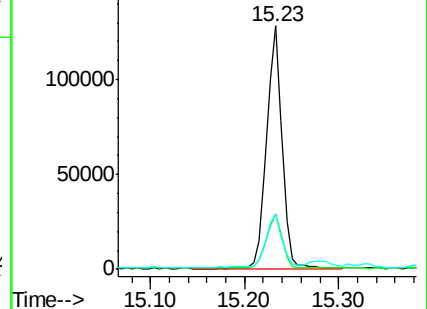
265 22.9 17.2 25.8



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: 33.492 ng

RT: 14.84 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BF096674.D

Acq: 12 Jul 2017 6:05

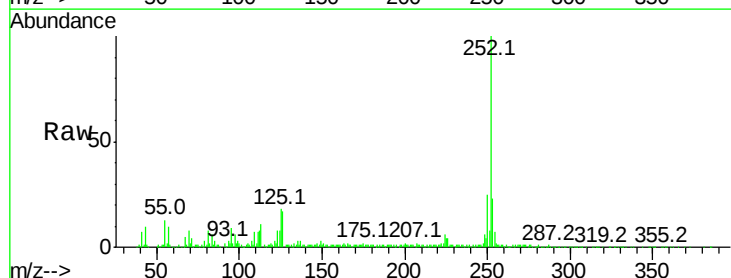
Tgt Ion:252 Resp: 309327

Ion Ratio Lower Upper

252 100

253 23.4 18.1 27.1

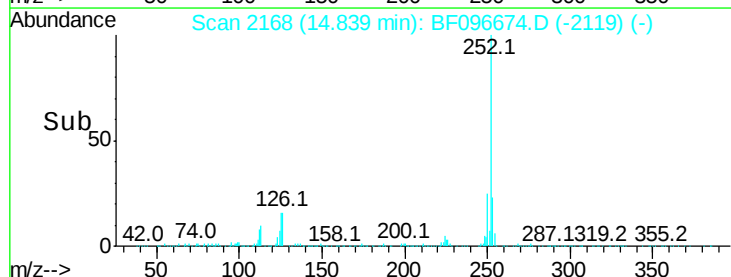
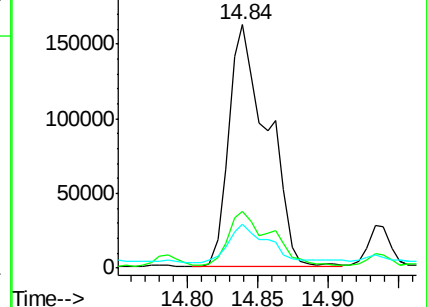
125 18.0 9.8 14.8#

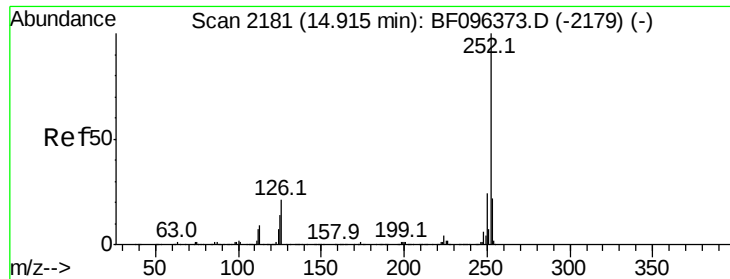


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 37.441 ng

RT: 14.84 min Scan# 2168

Delta R.T. -0.04 min

Lab File: BF096674.D

Acq: 12 Jul 2017 6:05

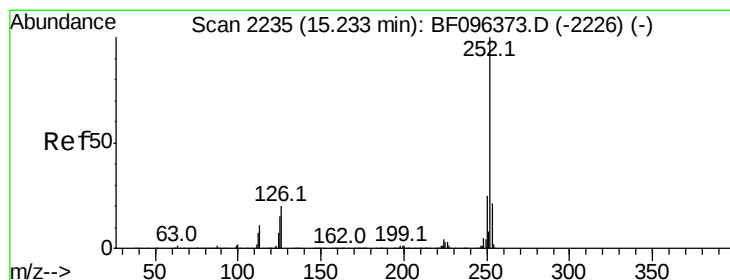
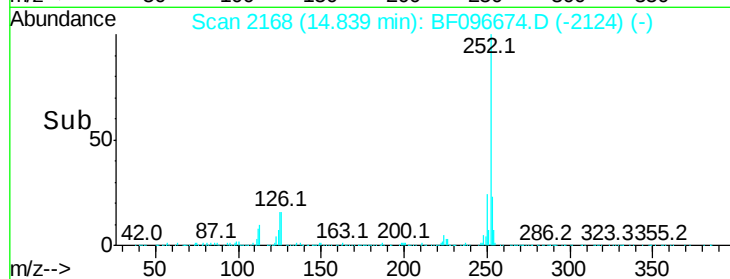
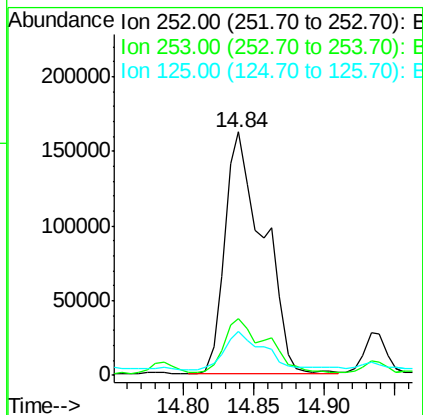
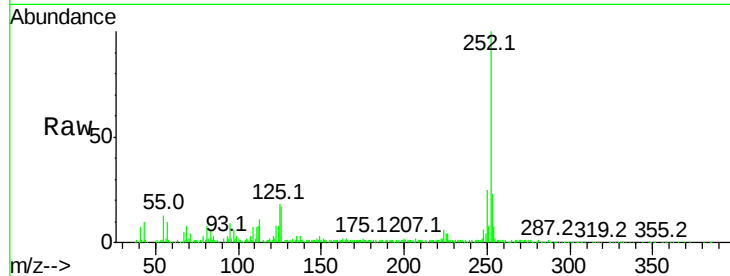
Instrument :

BNA_F

ClientSampleId :

E2-HS1-ESW

Tot Ion:252	Resp:	309327
Ion Ratio	Lower	Upper
252	100	
253	23.4	18.4 27.6
125	18.0	13.1 19.7



#89

Benzo(a)pyrene

Concen: 18.669 ng

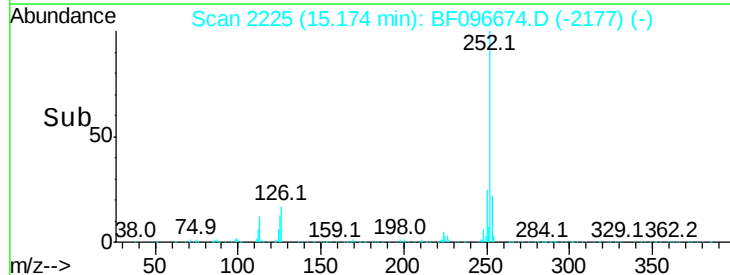
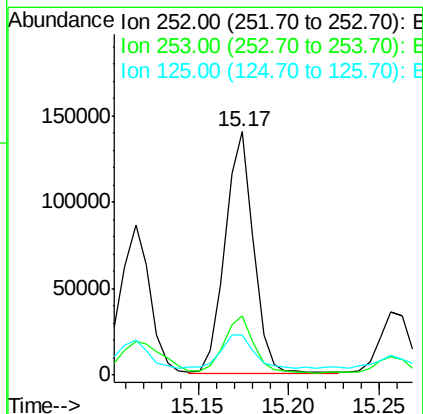
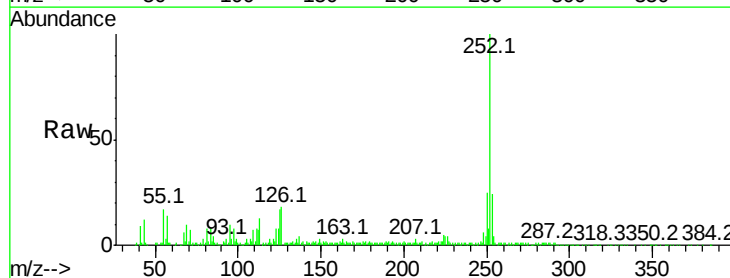
RT: 15.17 min Scan# 2225

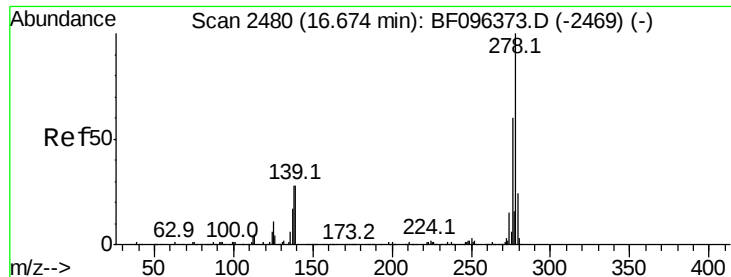
Delta R.T. -0.02 min

Lab File: BF096674.D

Acq: 12 Jul 2017 6:05

Tgt Ion:252	Resp:	153941
Ion Ratio	Lower	Upper
252	100	
253	24.4	17.5 26.3
125	16.6	11.0 16.4#





#90

Dibenzo(a,h)anthracene

Concen: 2.879 ng

RT: 16.59 min Scan# 2465

Delta R.T. -0.03 min

Lab File: BF096674.D

Acq: 12 Jul 2017 6:05

Instrument :

BNA_F

ClientSampleId :

E2-HS1-ESW

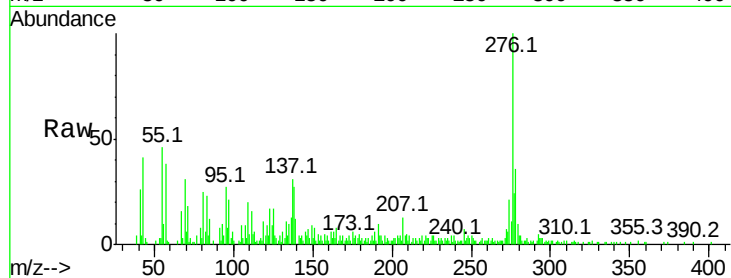
Tot Ion:278 Resp: 18678

Ion Ratio Lower Upper

278 100

139 32.9 16.6 24.8#

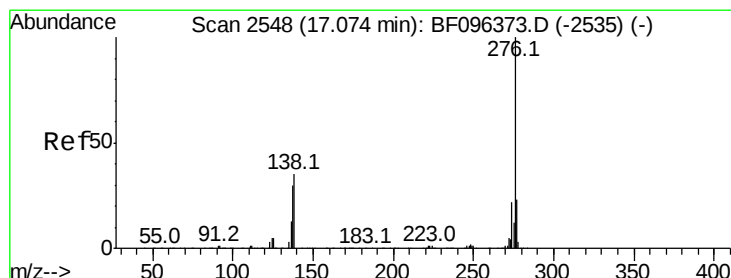
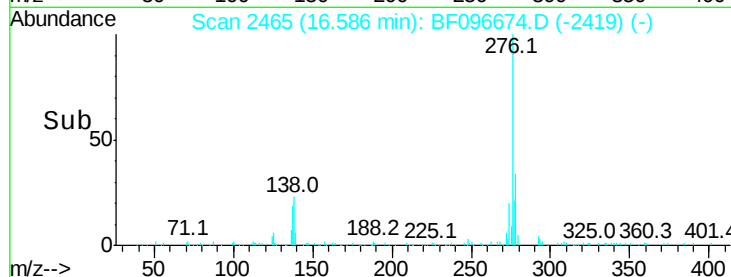
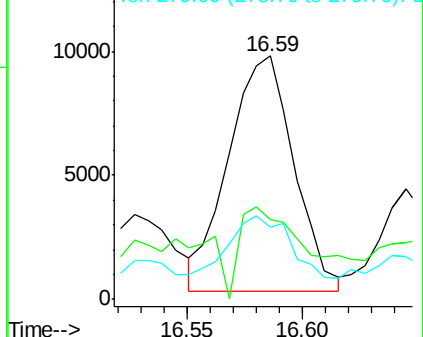
279 29.4 19.3 28.9#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 10.098 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.02 min

Lab File: BF096674.D

Acq: 12 Jul 2017 6:05

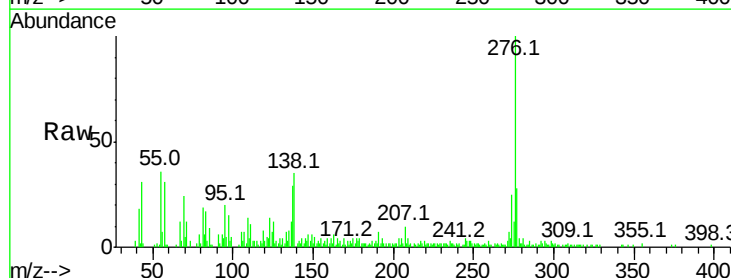
Tgt Ion:276 Resp: 67882

Ion Ratio Lower Upper

276 100

277 27.9 18.6 28.0

138 34.8 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

