

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
 Data File : BF088374.D
 Acq On : 25 Jun 2016 13:51
 Operator : UM/SJ
 Sample : H3602-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Q8-B4(0-2)C

Quant Time: Jun 26 01:56:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	80805	20.00	ng	-0.05
21) Naphthalene-d8	7.85	136	316355	20.00	ng	-0.05
38) Acenaphthene-d10	9.60	164	131463	20.00	ng	-0.05
63) Phenanthrene-d10	11.08	188	146689	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	123194	20.00	ng	-0.03
86) Perylene-d12	15.05	264	143085	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.15	112	691482	146.29	ng	-0.02
7) Phenol-d6	6.24	99	882144	154.00	ng	-0.02
23) Nitrobenzene-d5	7.14	82	556035	102.64	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	137831	99.29	ng	-0.03
44) 2-Fluorobiphenyl	8.92	172	688275	82.05	ng	-0.05
78) Terphenyl-d14	12.66	244	469074	86.64	ng	-0.03

Target Compounds

						Qvalue
10) Phenol	6.25	94	4113	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.14	70	70708	19.29	ng	68
25) Isophorone	7.14	82	546557	54.47	ng	65
31) Naphthalene	7.87	128	38156	2.44	ng	100
37) 2-Methylnaphthalene	8.56	142	31702	3.07	ng	93
45) 1,1'-Biphenyl	9.03	154	520919	54.04	ng	98
47) 2-Nitroaniline	9.19	65	7554	3.01	ng	32
48) Acenaphthylene	9.46	152	96593	7.14	ng	89
49) Dimethylphthalate	9.35	163	125293	13.16	ng	98
50) 2,6-Dinitrotoluene	9.30	165	5724	2.62	ng	78
51) Acenaphthene	9.67	154	2765396	327.60	ng	98
52) 3-Nitroaniline	9.66	138	5571	2.21	ng	18
53) 2,4-Dinitrophenol	9.84	184	211	3.33	ng	1
54) Dibenzofuran	9.83	168	2502377	215.25	ng	83
55) 4-Nitrophenol	9.83	139	1139157	583.22	ng	6
56) 2,4-Dinitrotoluene	9.76	165	44796	15.98	ng	61
57) Fluorene	10.17	166	2339238	328.15	ng	97
61) 4-Nitroaniline	10.17	138	31698	13.28	ng	26
62) Azobenzene	10.31	77	23287	2.44	ng	1
64) 4,6-Dinitro-2-methylphenol	10.41	198	1214	3.43	ng	1
65) n-Nitrosodiphenylamine	10.22	169	65682	13.49	ng	1
66) 4-Bromophenyl-phenylether	10.40	248	8703	5.53	ng	1
70) Phenanthrene	11.15	178	5541056	719.86	ng	98
71) Anthracene	11.15	178	5541056	713.64	ng	98
72) Carbazole	11.32	167	756640	104.14	ng	100
74) Fluoranthene	12.32	202	3983790	490.42	ng	99
77) Pyrene	12.32	202	3907115	427.39	ng	99
80) Benzo(a)anthracene	13.70	228	1682734	239.69	ng	99
82) Chrysene	13.70	228	1681318	254.57	ng	95
83) Bis(2-ethylhexyl)phthalate	13.69	149	11009	2.24	ng	96
85) Indeno(1,2,3-cd)pyrene	16.30	276	71791	11.70	ng	100
87) Benzo(b)fluoranthene	14.70	252	670017	67.18	ng	95
88) Benzo(k)fluoranthene	14.70	252	670017	89.06	ng	99
89) Benzo(a)pyrene	14.95	252	172505	21.38	ng	99

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Response via : Initial Calibration

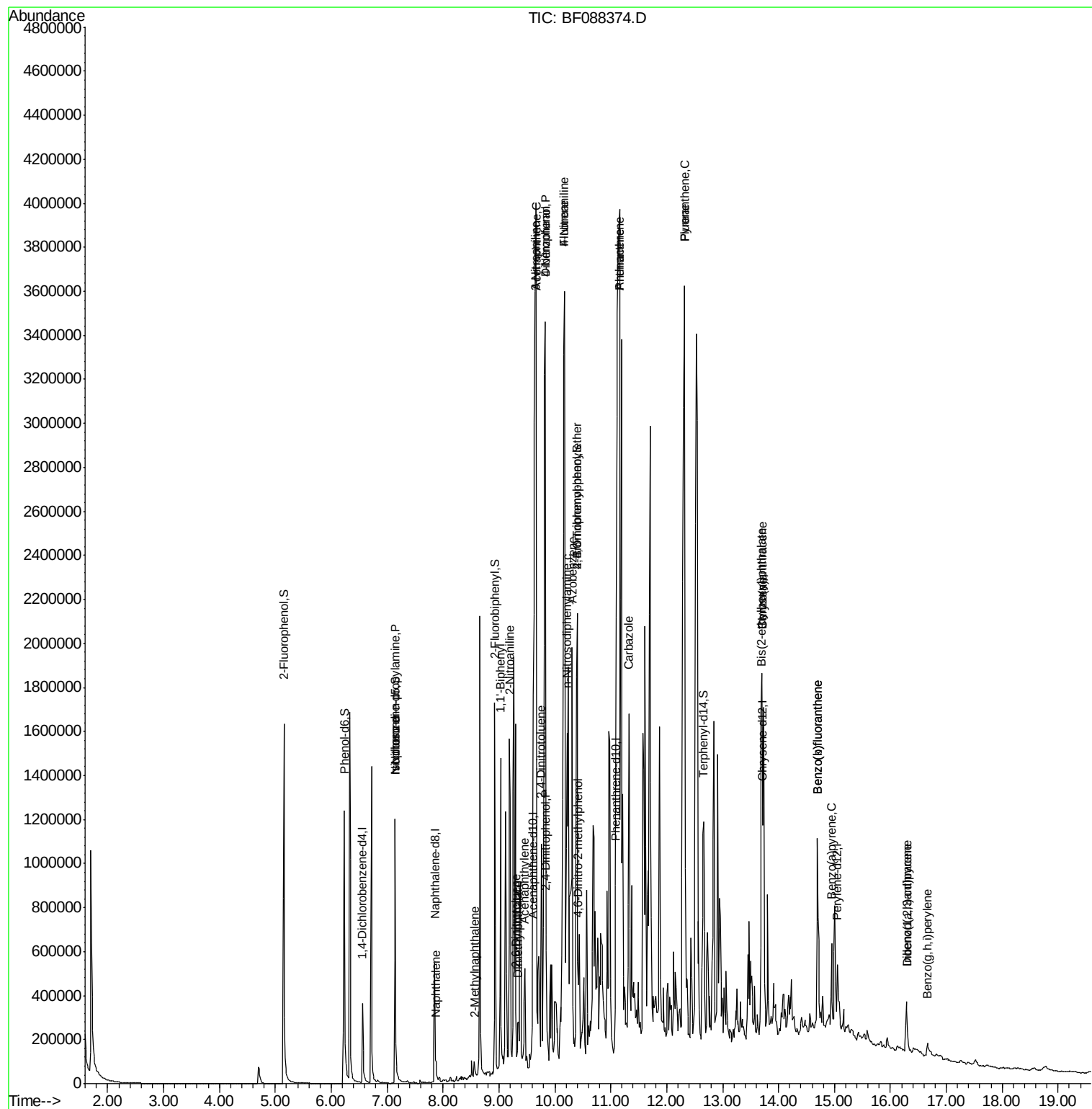
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Dibenzo(a,h)anthracene	16.30	278	18889	2.52	ng	# 66
91) Benzo(g,h,i)perylene	16.66	276	55889	7.25	ng	96

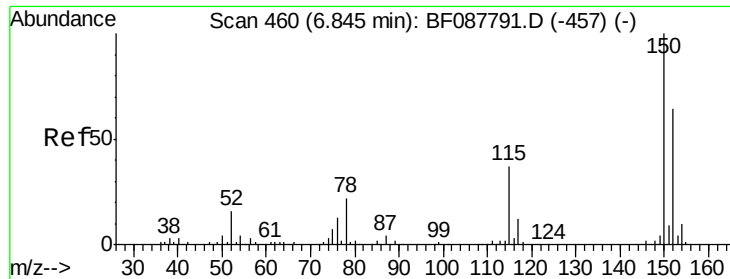
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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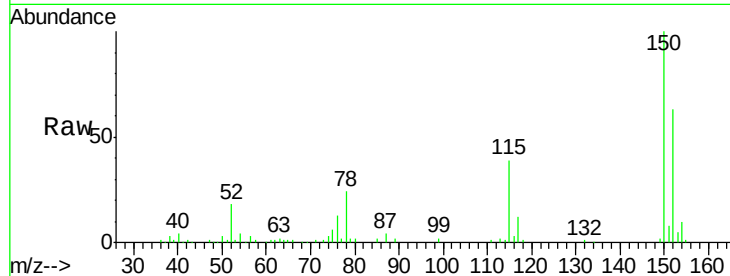


#1

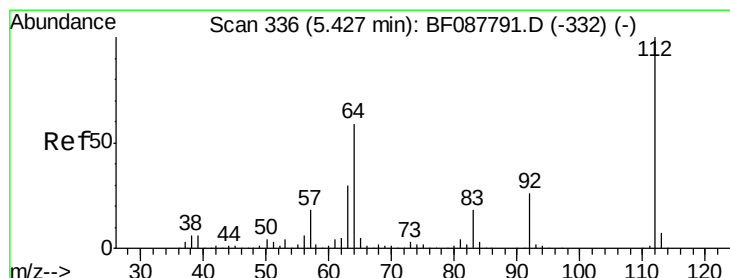
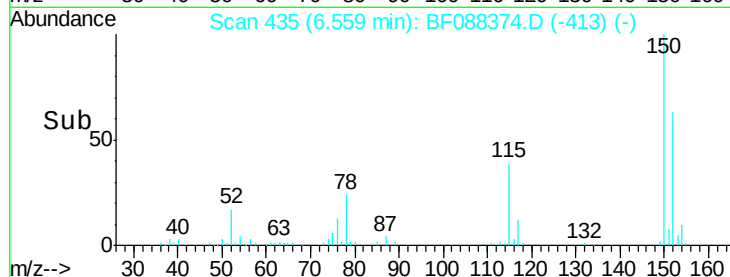
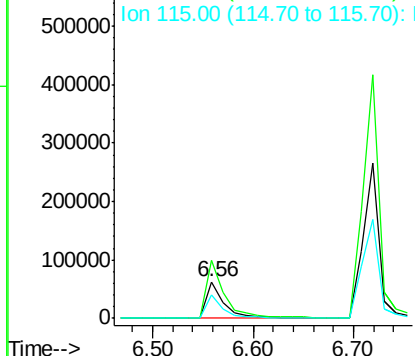
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.05 min
Lab File: BF088374.D
Acq: 25 Jun 2016 13:51

Instrument :
BNA_F
ClientSampleId :
Q8-B4(0-2)C

Tgt Ion:152 Resp: 80805
Ion Ratio Lower Upper
152 100
150 159.1 123.8 185.6
115 62.5 39.6 59.4#



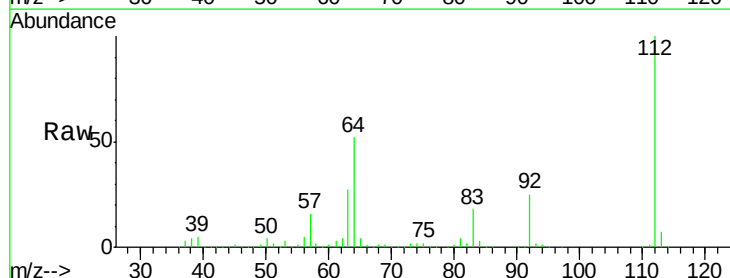
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



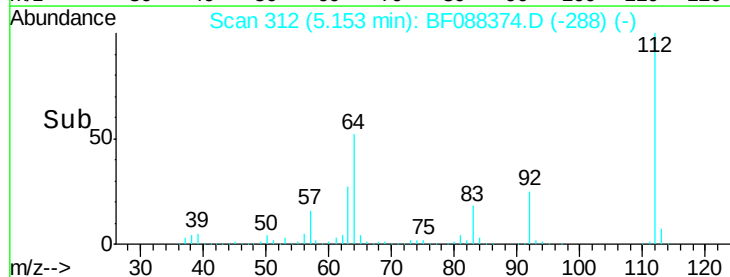
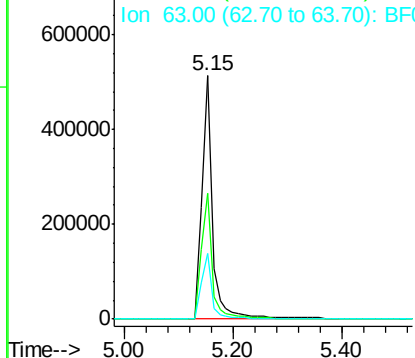
#5

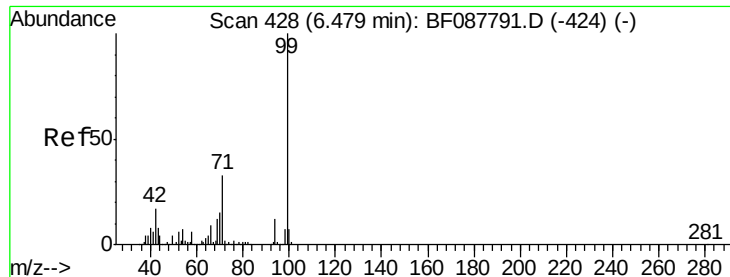
2-Fluorophenol
Concen: 146.29 ng
RT: 5.15 min Scan# 312
Delta R.T. -0.02 min
Lab File: BF088374.D
Acq: 25 Jun 2016 13:51

Tgt Ion:112 Resp: 691482
Ion Ratio Lower Upper
112 100
64 51.6 42.2 63.2
63 27.2 21.8 32.8



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





#7

Phenol-d6

Concen: 154.00 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.02 min

Lab File: BF088374.D

Acq: 25 Jun 2016 13:51

Instrument :

BNA_F

ClientSampleId :

Q8-B4(0-2)C

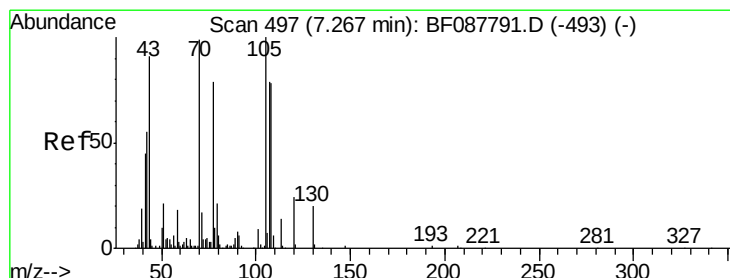
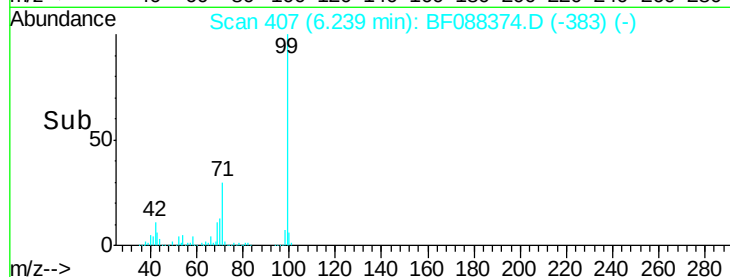
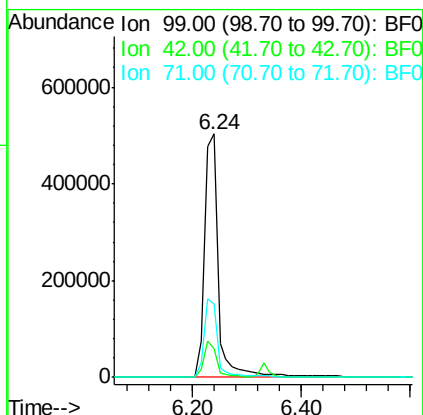
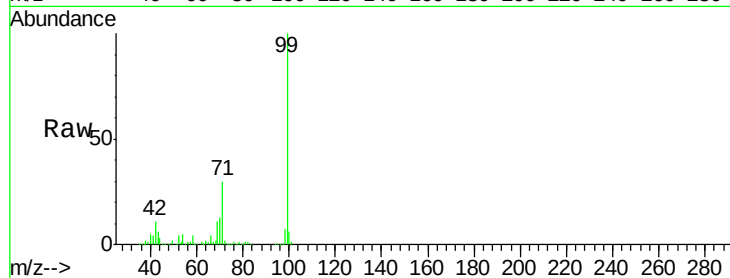
Tgt Ion: 99 Resp: 882144

Ion Ratio Lower Upper

99 100

42 11.5 12.2 18.2#

71 29.9 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 19.29 ng

RT: 7.14 min Scan# 486

Delta R.T. 0.10 min

Lab File: BF088374.D

Acq: 25 Jun 2016 13:51

Tgt Ion: 70 Resp: 70708

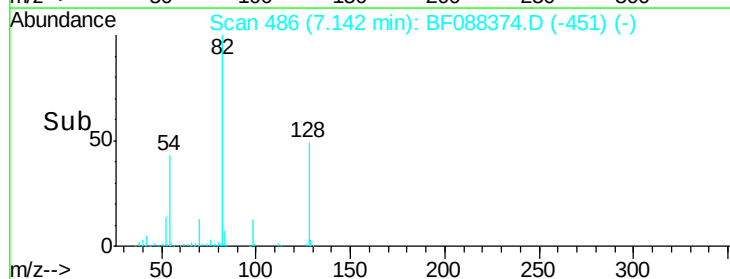
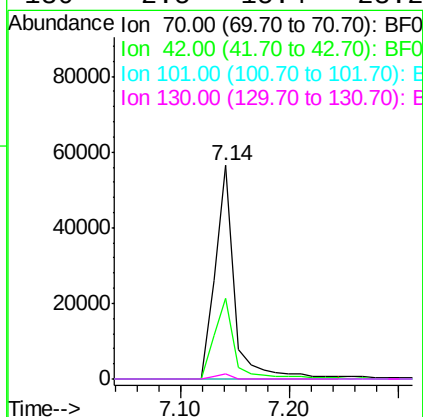
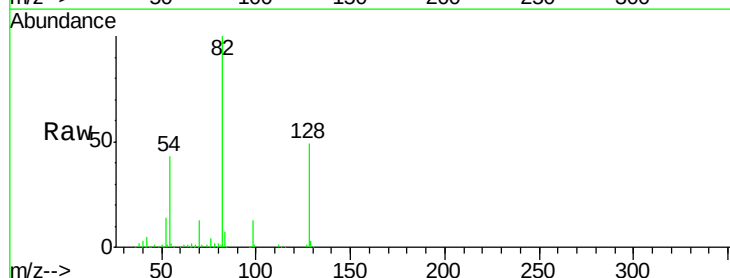
Ion Ratio Lower Upper

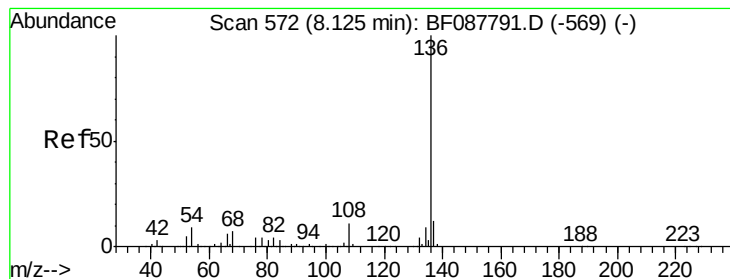
70 100

42 37.8 49.6 74.4#

101 0.0 7.1 10.7#

130 2.5 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.05 min

Lab File: BF088374.D

Acq: 25 Jun 2016 13:51

Instrument :

BNA_F

ClientSampleId :

Q8-B4(0-2)C

Tgt Ion: 136 Resp: 316355

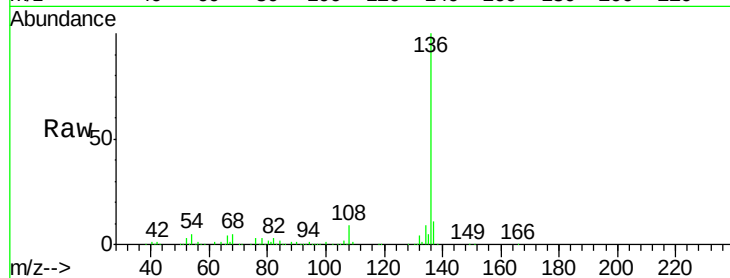
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.3 6.6 10.0#

68 4.6 5.1 7.7#

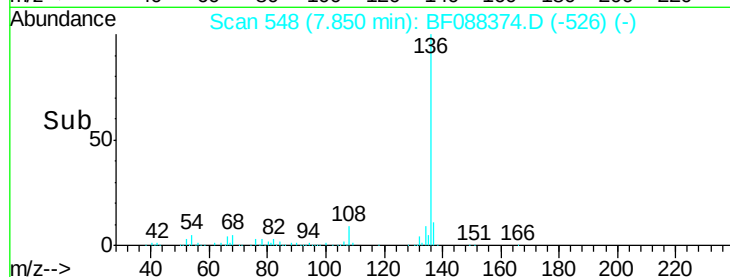


Abundance Ion 136.00 (135.70 to 136.70): E

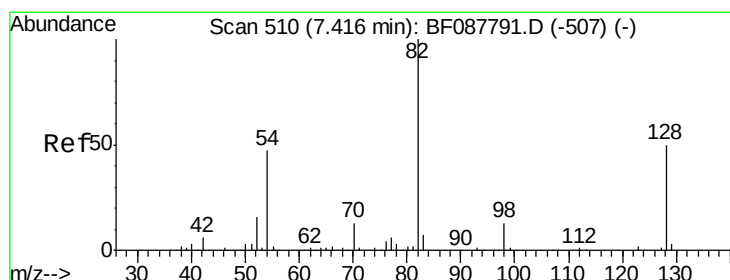
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 7.70 7.80 7.90 8.00 8.10



#23

Nitrobenzene-d5

Concen: 102.64 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.03 min

Lab File: BF088374.D

Acq: 25 Jun 2016 13:51

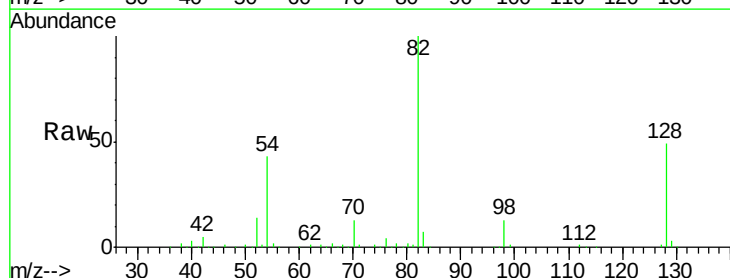
Tgt Ion: 82 Resp: 556035

Ion Ratio Lower Upper

82 100

128 49.0 35.9 53.9

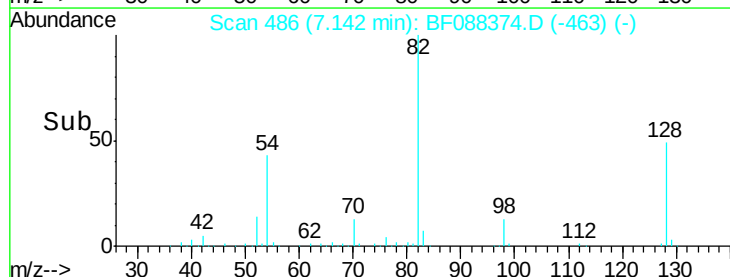
54 43.5 40.9 61.3



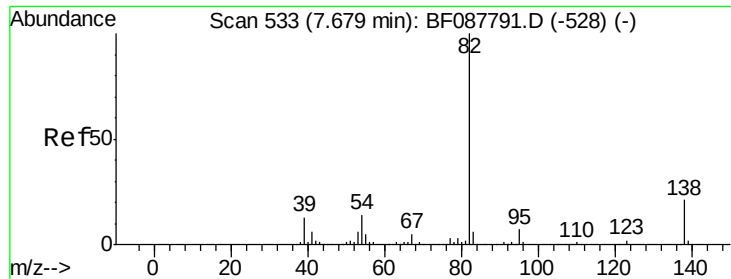
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



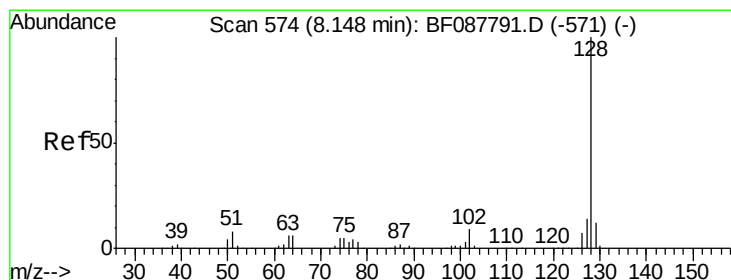
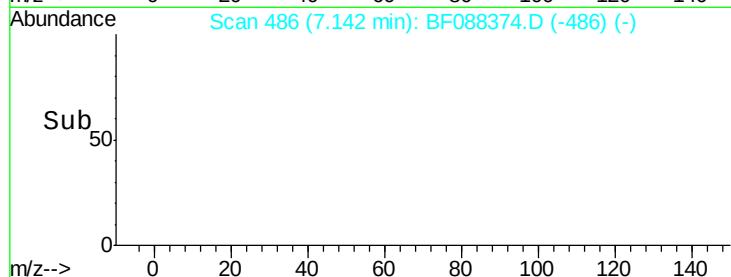
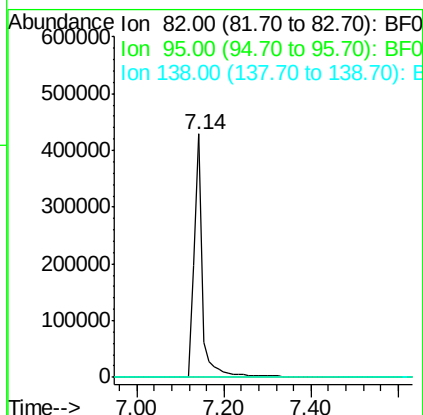
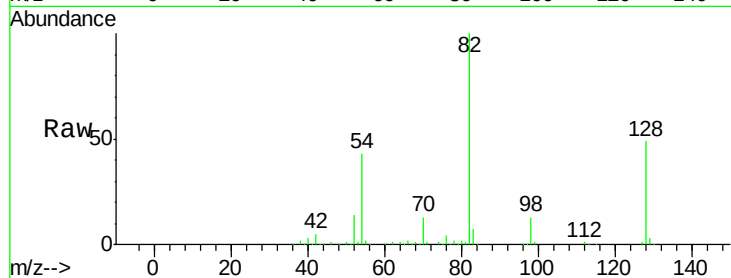
Time--> 7.00 7.20 7.40



#25
Isophorone
Concen: 54.47 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.30 min
Lab File: BF088374.D
Acq: 25 Jun 2016 13:51

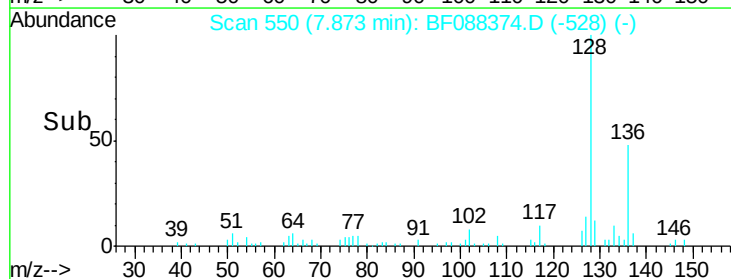
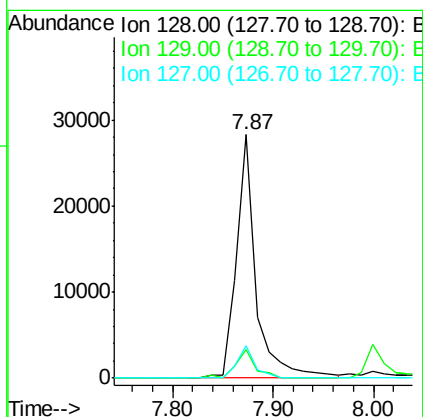
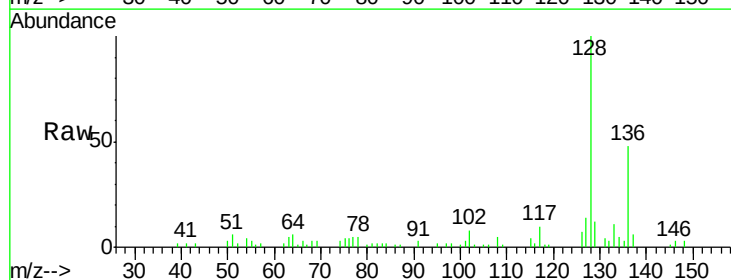
Instrument :
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Q8-B4(0-2)C

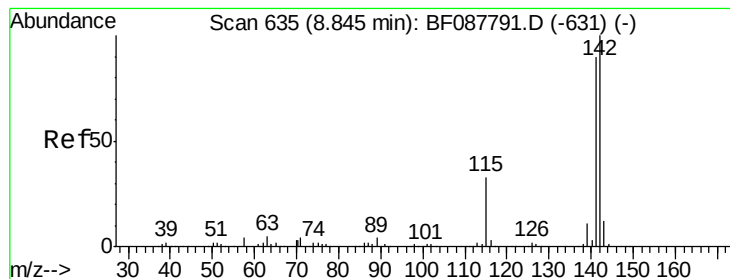
Tgt Ion: 82 Resp: 546557
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 14.6 21.8#



#31
Naphthalene
Concen: 2.44 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.05 min
Lab File: BF088374.D
Acq: 25 Jun 2016 13:51

Tgt Ion: 128 Resp: 38156
Ion Ratio Lower Upper
128 100
129 11.9 9.4 14.2
127 13.6 10.9 16.3

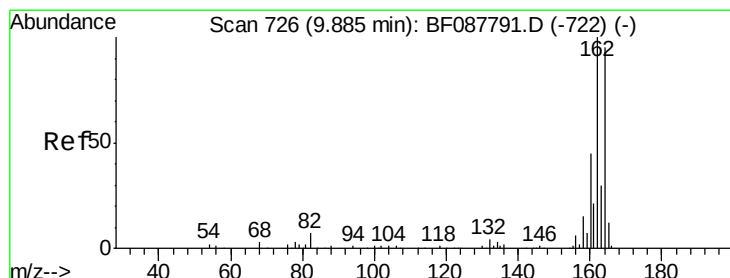
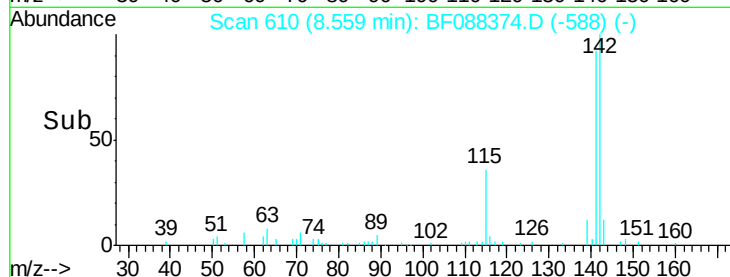
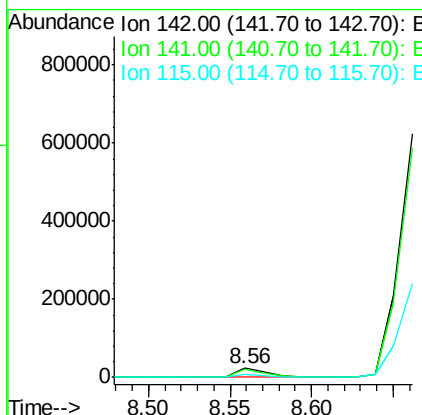
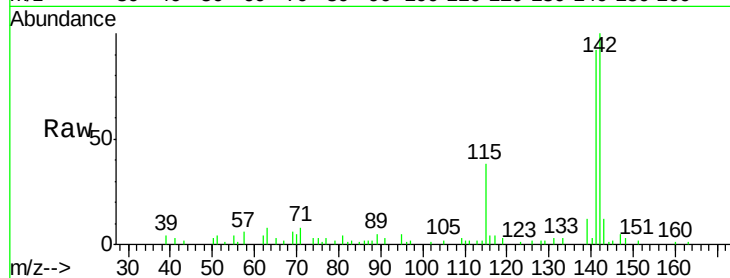




#37
2-Methylnaphthalene
Concen: 3.07 ng
RT: 8.56 min Scan# 610
Delta R.T. -0.05 min
Lab File: BF088374.D
Acq: 25 Jun 2016 13:51

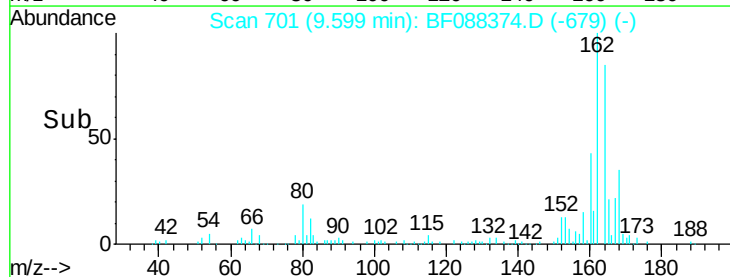
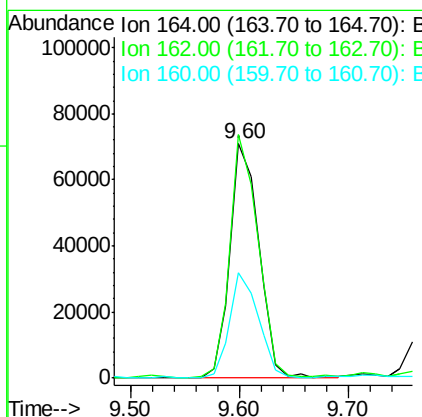
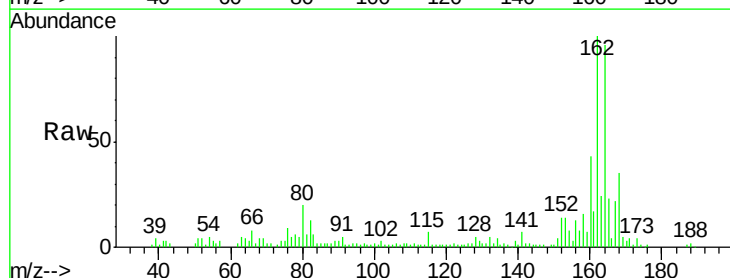
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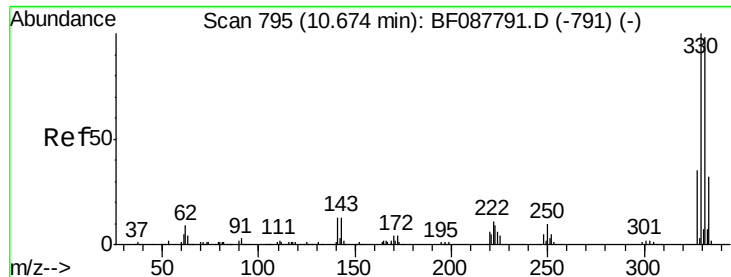
Tgt Ion:142 Resp: 31702
Ion Ratio Lower Upper
142 100
141 91.8 71.0 106.6
115 38.4 22.6 33.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.05 min
Lab File: BF088374.D
Acq: 25 Jun 2016 13:51

Tgt Ion:164 Resp: 131463
Ion Ratio Lower Upper
164 100
162 104.0 85.4 128.2
160 45.1 39.5 59.3

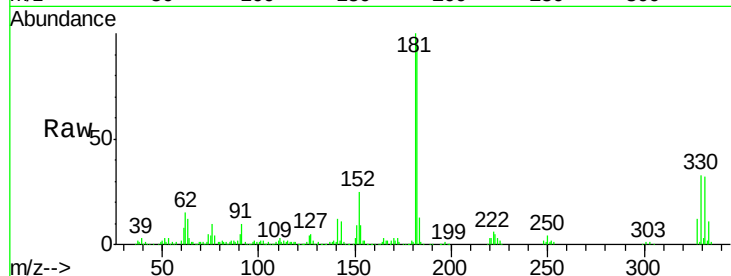




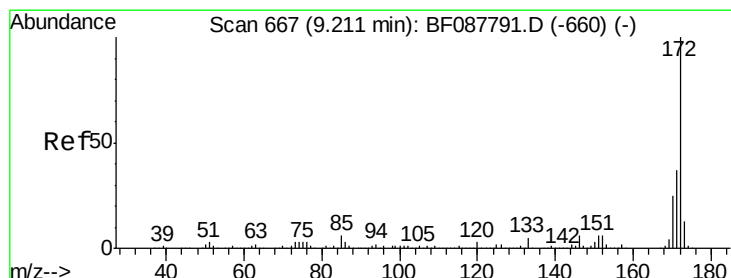
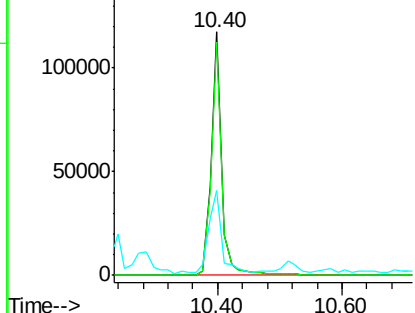
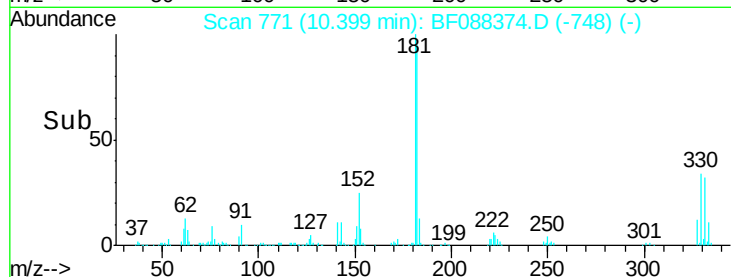
#41
 2,4,6-Tribromophenol
 Concen: 99.29 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.03 min
 Lab File: BF088374.D
 Acq: 25 Jun 2016 13:51

Instrument :
 BNA_F
 ClientSampleId :
 Q8-B4(0-2)C

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	39.4	0.0	0.0#

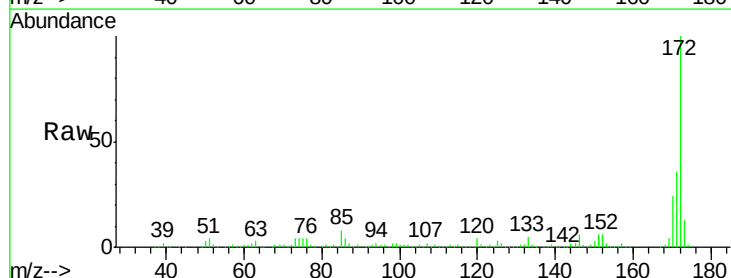


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

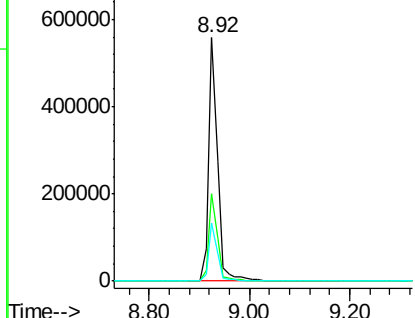
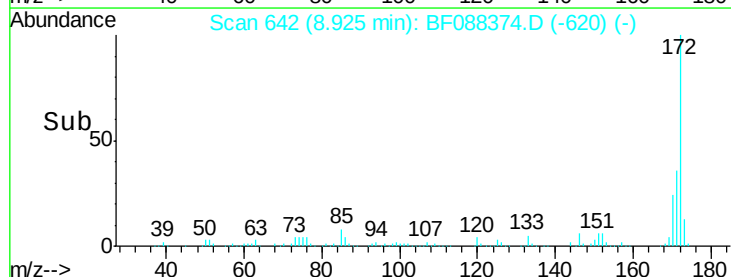


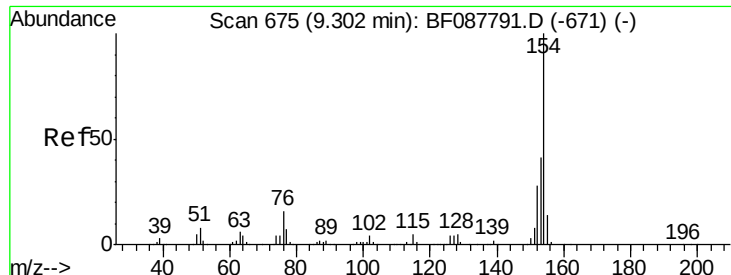
#44
 2-Fluorobiphenyl
 Concen: 82.05 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.05 min
 Lab File: BF088374.D
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Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	24.1	19.2	28.8



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

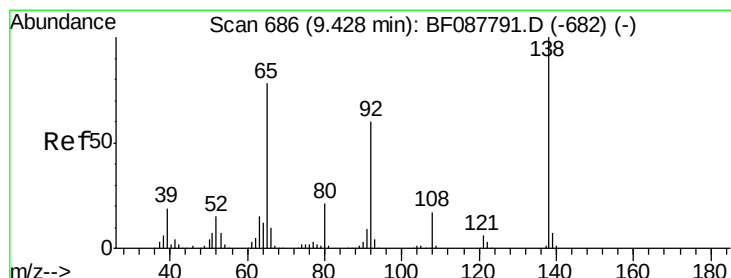
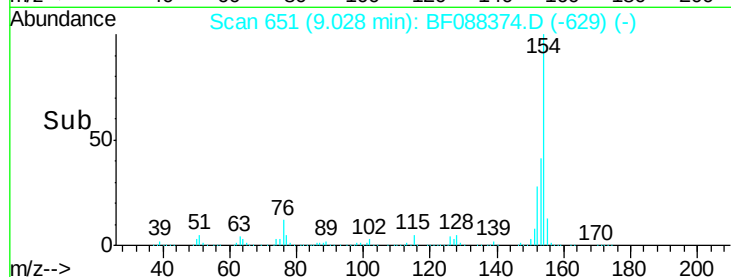
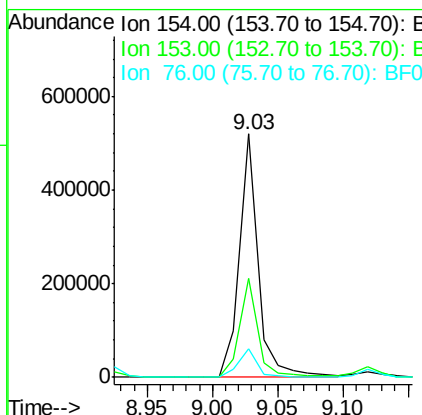
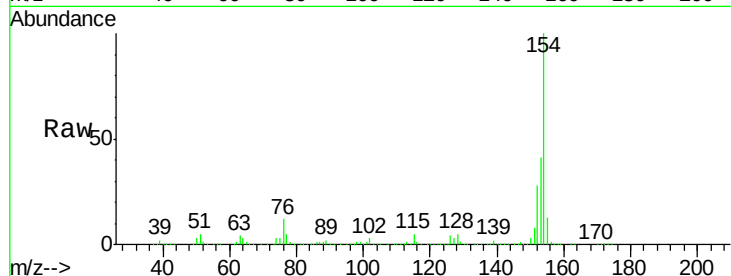




#45
 1,1'-Biphenyl
 Concen: 54.04 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.05 min
 Lab File: BF088374.D
 Acq: 25 Jun 2016 13:51

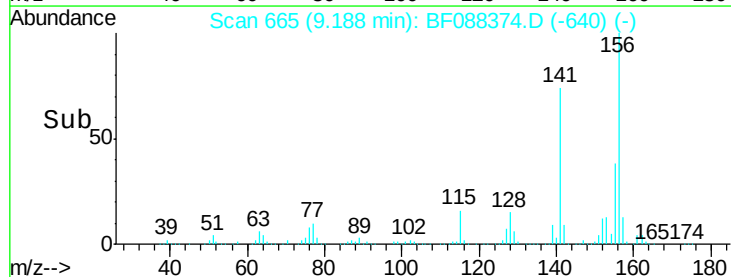
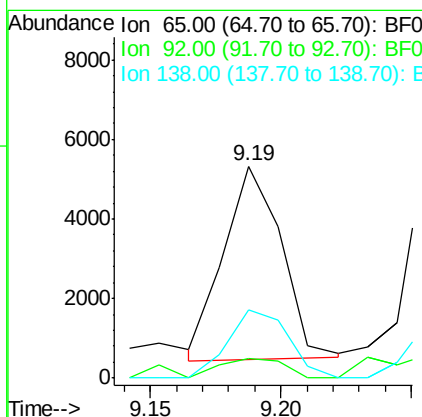
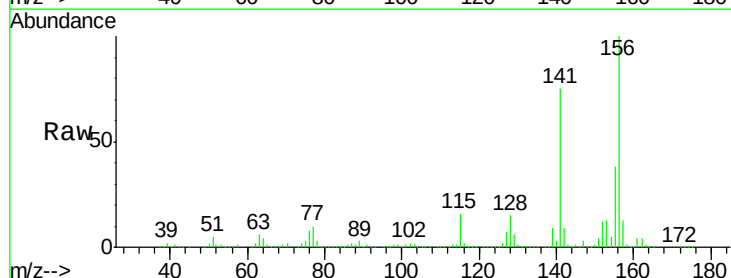
Instrument :
 BNA_F
 ClientSampleId :
 Q8-B4(0-2)C

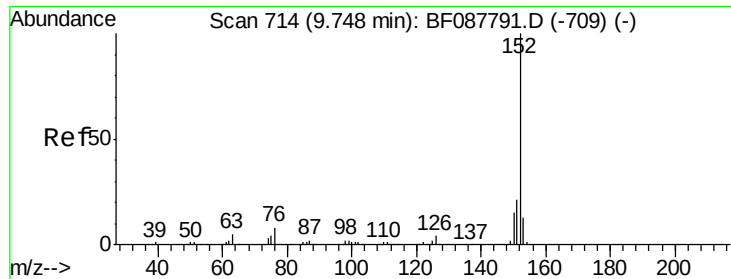
Tgt Ion:	154	Resp:	520919
Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.6	60.6
76	11.6	0.0	35.1



#47
 2-Nitroaniline
 Concen: 3.01 ng
 RT: 9.19 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF088374.D
 Acq: 25 Jun 2016 13:51

Tgt Ion:	65	Resp:	7554
Ion	Ratio	Lower	Upper
65	100		
92	9.3	54.6	82.0#
138	32.4	77.0	115.4#





#48

Acenaphthylene

Concen: 7.14 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.05 min

Lab File: BF088374.D

Acq: 25 Jun 2016 13:51

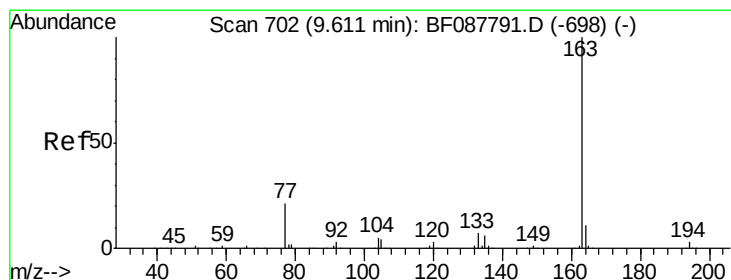
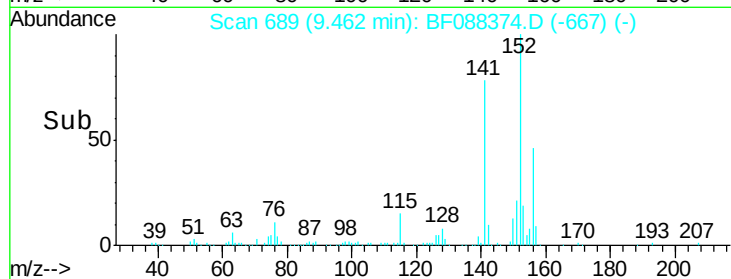
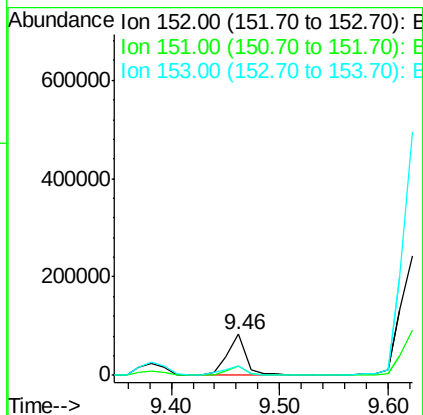
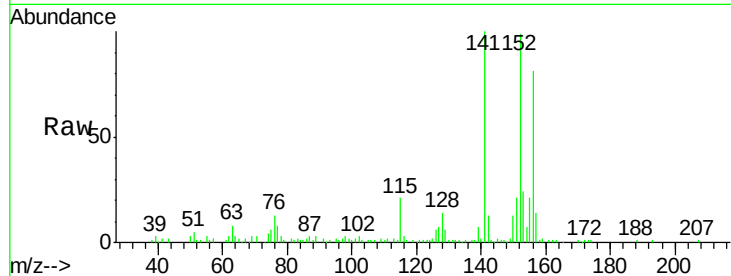
Instrument :

BNA_F

ClientSampleId :

Q8-B4(0-2)C

Tgt Ion:	152	Resp:	96593
Ion Ratio	Lower	Upper	
152	100		
151	21.4	16.2	24.4
153	23.9	11.0	16.6#



#49

Dimethylphthalate

Concen: 13.16 ng

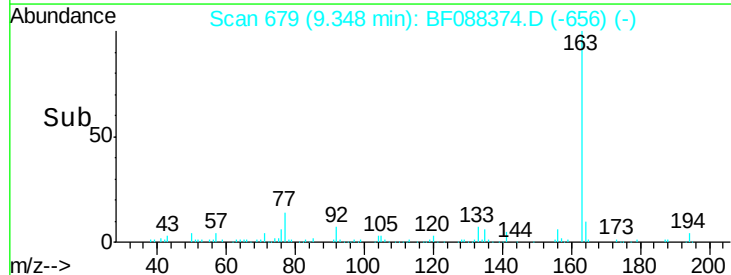
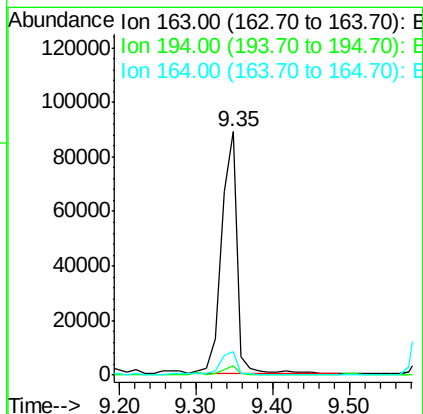
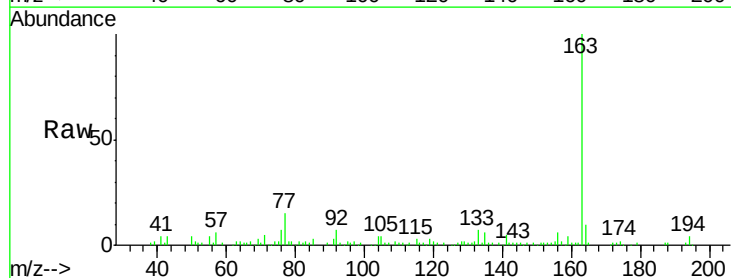
RT: 9.35 min Scan# 679

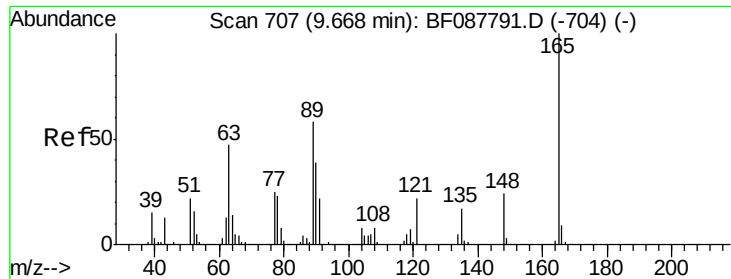
Delta R.T. -0.03 min

Lab File: BF088374.D

Acq: 25 Jun 2016 13:51

Tgt Ion:	163	Resp:	125293
Ion Ratio	Lower	Upper	
163	100		
194	4.1	2.8	4.2
164	9.8	8.3	12.5

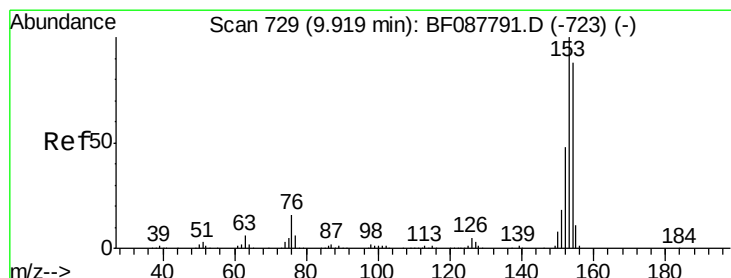
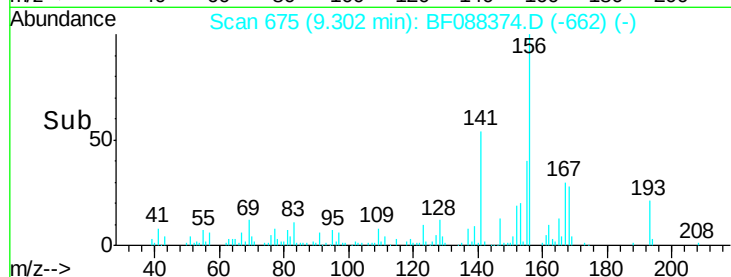
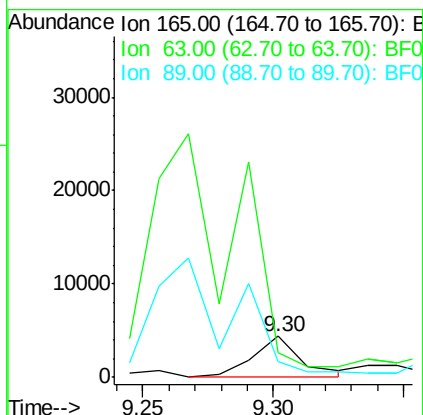
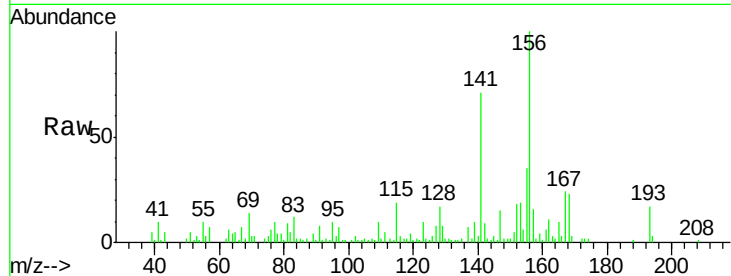




#50
 2,6-Dinitrotoluene
 Concen: 2.62 ng
 RT: 9.30 min Scan# 675
 Delta R.T. -0.15 min
 Lab File: BF088374.D
 Acq: 25 Jun 2016 13:51

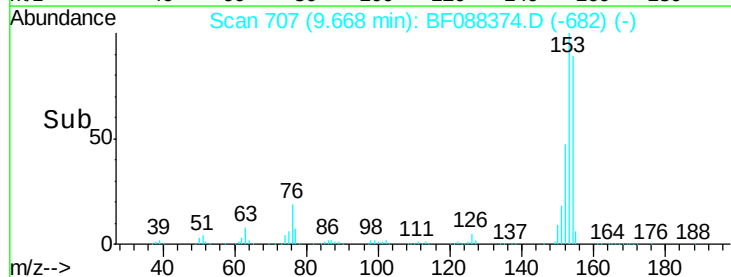
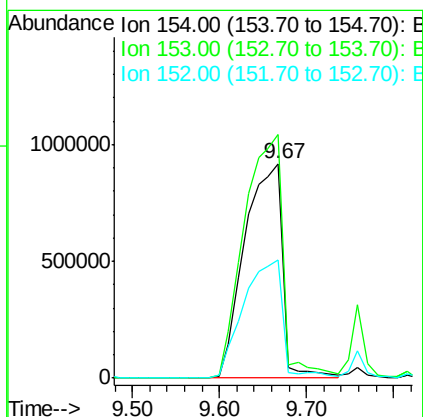
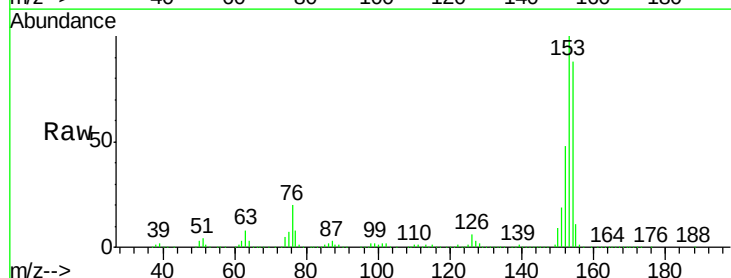
Instrument :
 BNA_F
 ClientSampleId :
 Q8-B4(0-2)C

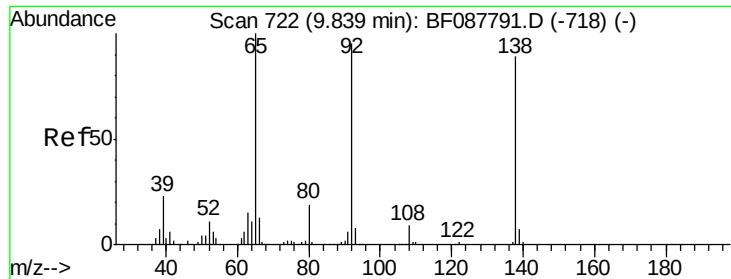
Tgt Ion:165 Resp: 5724
 Ion Ratio Lower Upper
 165 100
 63 59.4 28.1 42.1#
 89 37.0 32.2 48.2



#51
 Acenaphthene
 Concen: 327.60 ng
 RT: 9.67 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: BF088374.D
 Acq: 25 Jun 2016 13:51

Tgt Ion:154 Resp: 2765396
 Ion Ratio Lower Upper
 154 100
 153 113.5 89.5 134.3
 152 54.9 42.7 64.1





#52

3-Nitroaniline

Concen: 2.21 ng

RT: 9.66 min Scan# 706

Delta R.T. 0.05 min

Lab File: BF088374.D

Acq: 25 Jun 2016 13:51

Instrument :

BNA_F

ClientSampleId :

Q8-B4(0-2)C

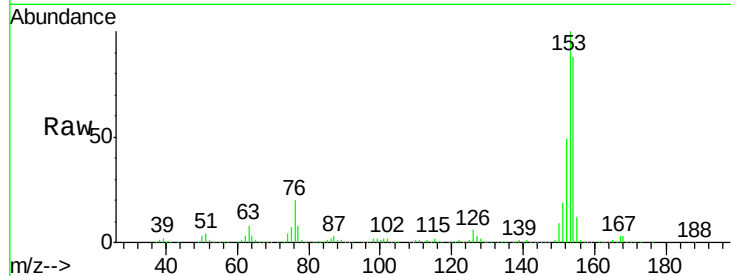
Tgt Ion:138 Resp: 5571

Ion Ratio Lower Upper

138 100

108 26.9 8.5 12.7#

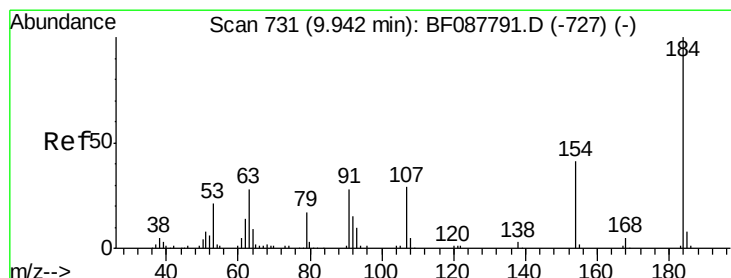
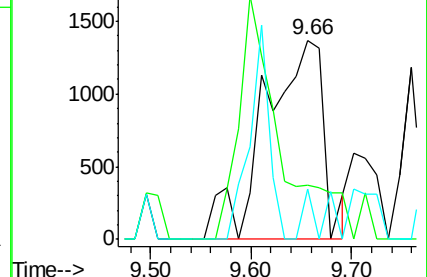
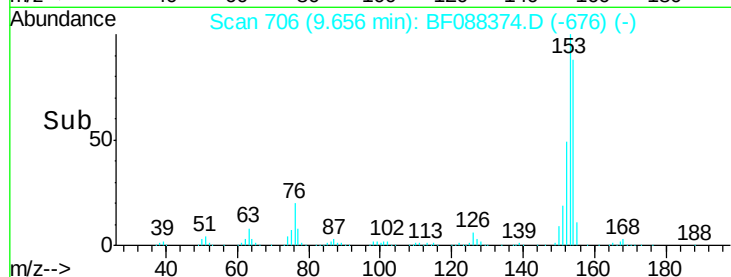
92 25.4 95.7 143.5#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 3.33 ng

RT: 9.84 min Scan# 722

Delta R.T. 0.10 min

Lab File: BF088374.D

Acq: 25 Jun 2016 13:51

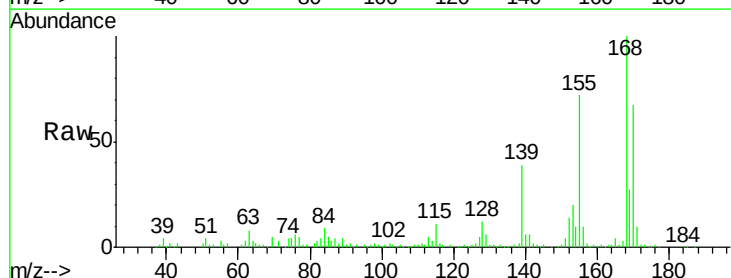
Tgt Ion:184 Resp: 211

Ion Ratio Lower Upper

184 100

63 2873.0 57.6 86.4#

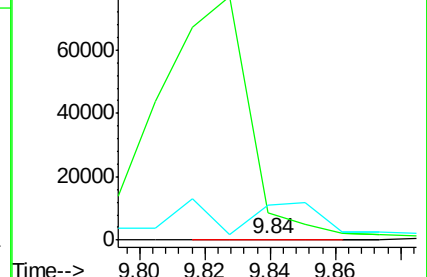
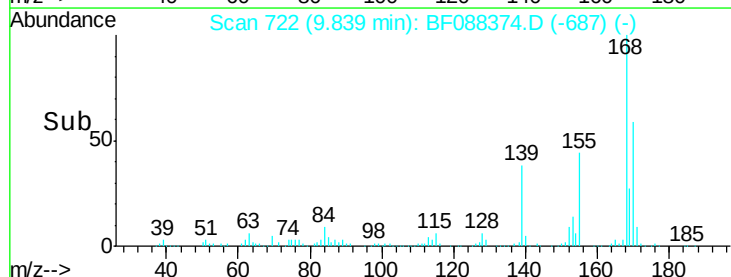
154 3580.8 53.5 80.3#

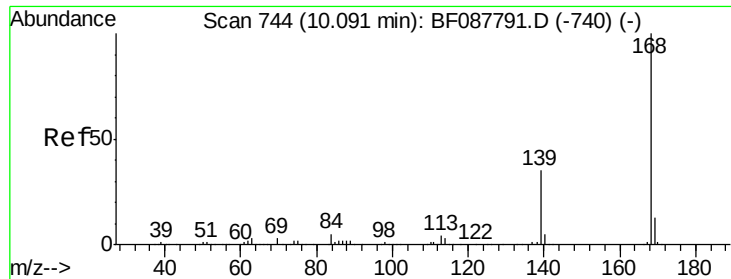


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

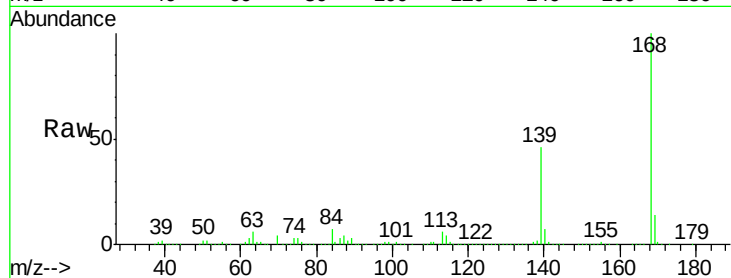




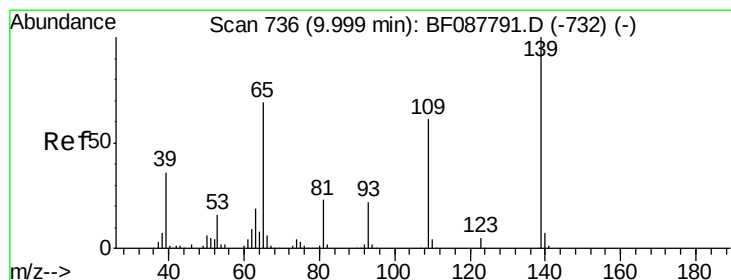
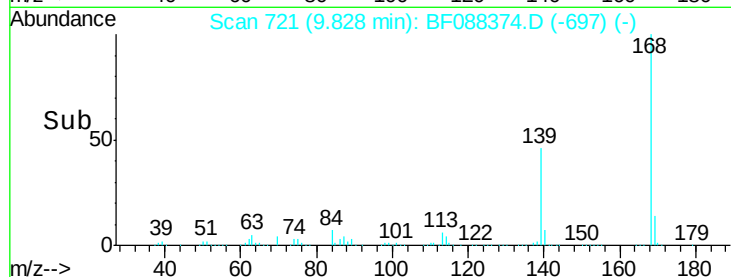
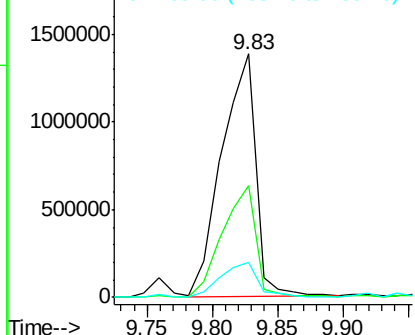
#54
Dibenzenofuran
Concen: 215.25 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF088374.D
Acq: 25 Jun 2016 13:51

Instrument :
BNA_F
ClientSampleId :
Q8-B4(0-2)C

Tgt Ion:168 Resp: 2502377
Ion Ratio Lower Upper
168 100
139 46.0 26.4 39.6#
169 14.3 10.4 15.6

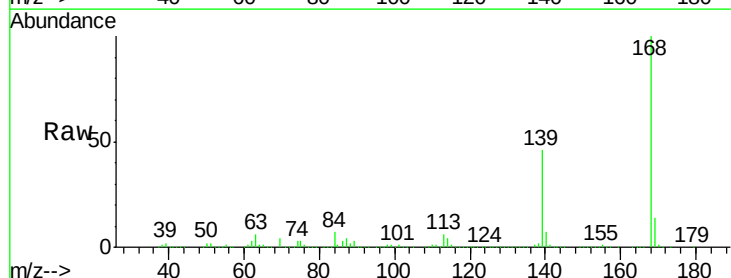


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

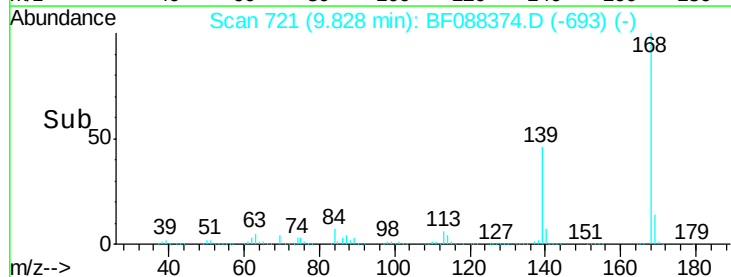
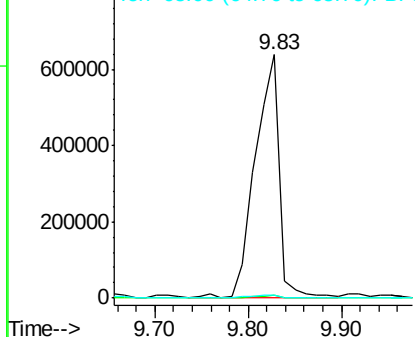


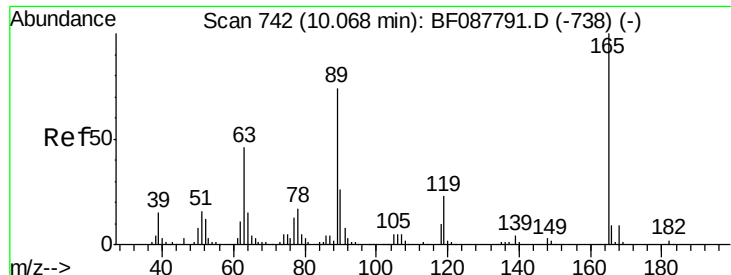
#55
4-Nitrophenol
Concen: 583.22 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.02 min
Lab File: BF088374.D
Acq: 25 Jun 2016 13:51

Tgt Ion:139 Resp: 1139157
Ion Ratio Lower Upper
139 100
109 1.0 48.9 88.9#
65 1.3 84.9 124.9#



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: 15.98 ng

RT: 9.76 min Scan# 715

Delta R.T. -0.09 min

Lab File: BF088374.D

Acq: 25 Jun 2016 13:51

Instrument :

BNA_F

ClientSampleId :

Q8-B4(0-2)C

Tgt Ion:165 Resp: 44796

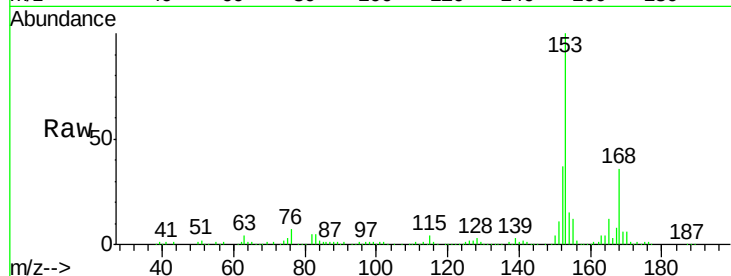
Ion Ratio Lower Upper

165 100

63 31.2 22.0 33.0

89 10.7 41.1 61.7#

182 0.0 2.0 3.0#



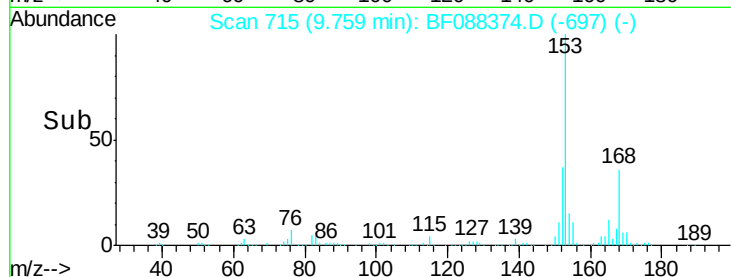
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

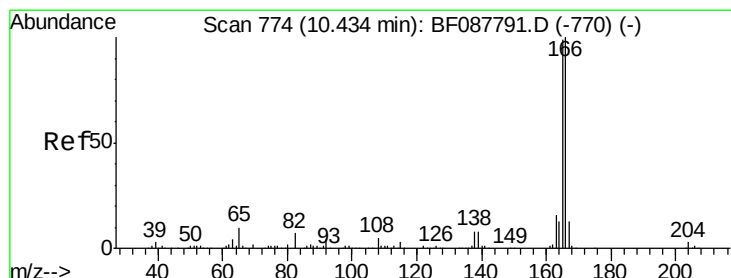
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

Time-->



Time-->



#57

Fluorene

Concen: 328.15 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF088374.D

Acq: 25 Jun 2016 13:51

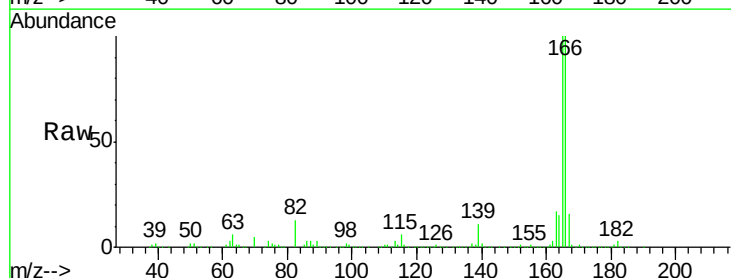
Tgt Ion:166 Resp: 2339238

Ion Ratio Lower Upper

166 100

165 99.7 77.8 116.8

167 16.1 11.2 16.8

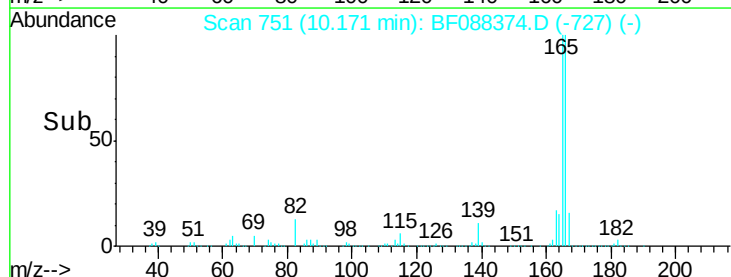


Abundance Ion 166.00 (165.70 to 166.70): E

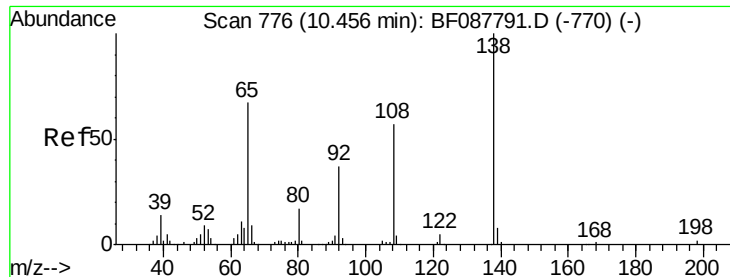
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->



Time-->



#61

4-Nitroaniline

Concen: 13.28 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.06 min

Lab File: BF088374.D

Acq: 25 Jun 2016 13:51

Instrument :

BNA_F

ClientSampleId :

Q8-B4(0-2)C

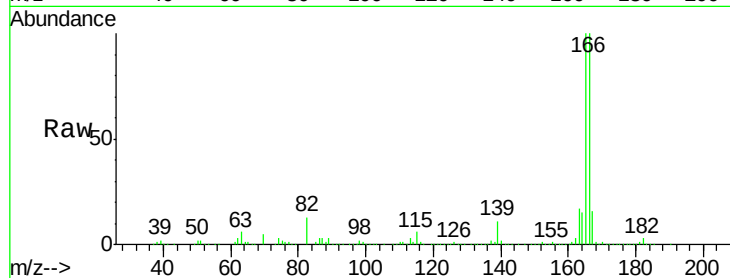
Tgt Ion:138 Resp: 31698

Ion Ratio Lower Upper

138 100

92 2.2 27.3 67.3#

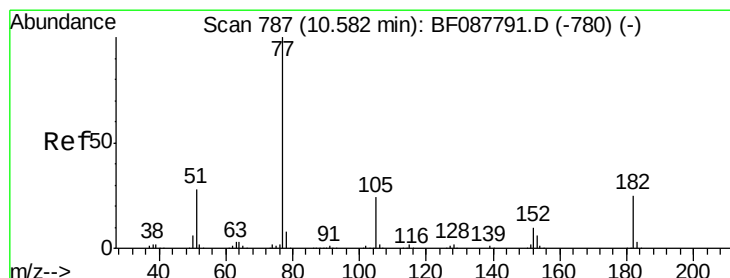
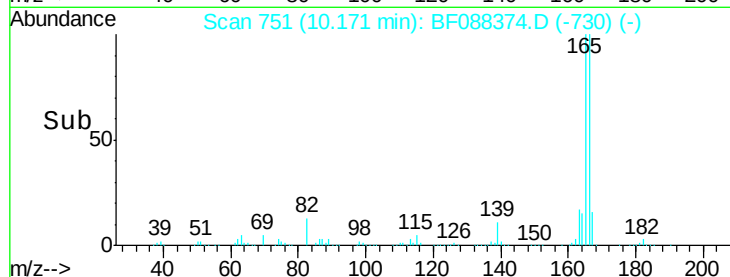
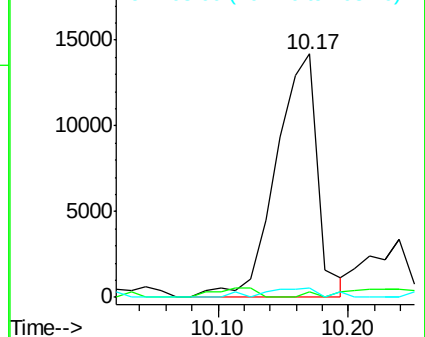
108 3.9 46.7 86.7#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 2.44 ng

RT: 10.31 min Scan# 763

Delta R.T. -0.03 min

Lab File: BF088374.D

Acq: 25 Jun 2016 13:51

Tgt Ion: 77 Resp: 23287

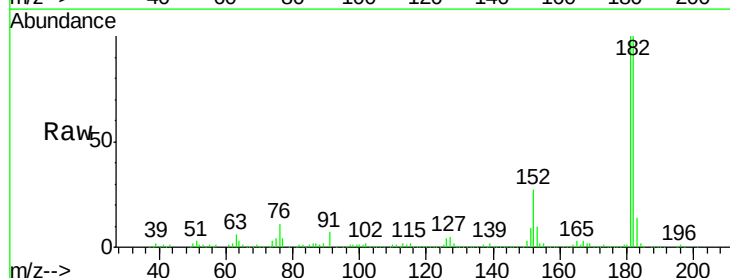
Ion Ratio Lower Upper

77 100

182 2757.3 4.4 44.4#

105 12.3 3.8 43.8

51 87.1 9.3 49.3#

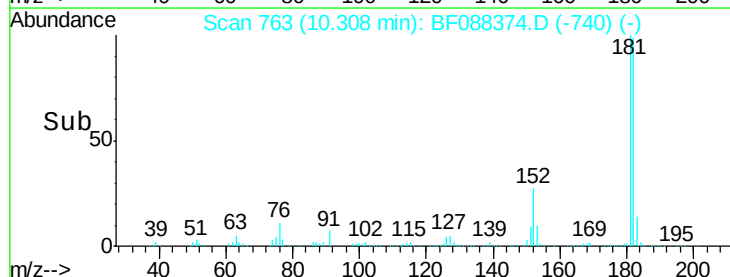
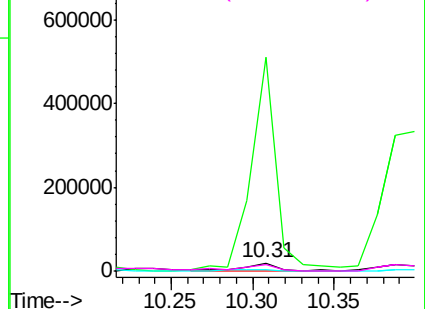


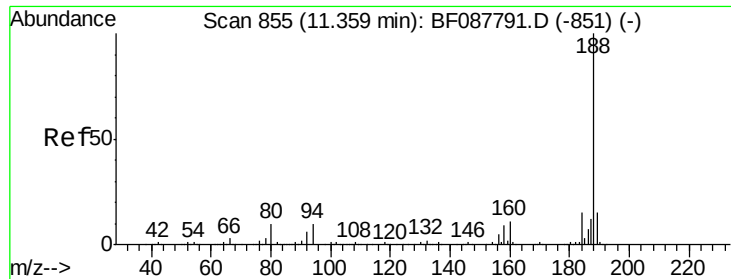
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.08 min Scan# 831

Delta R.T. -0.03 min

Lab File: BF088374.D

Acq: 25 Jun 2016 13:51

Instrument :

BNA_F

ClientSampleId :

Q8-B4(0-2)C

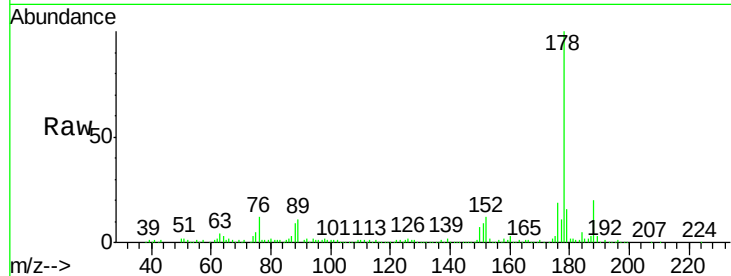
Tgt Ion:188 Resp: 146689

Ion Ratio Lower Upper

188 100

94 10.9 9.0 13.6

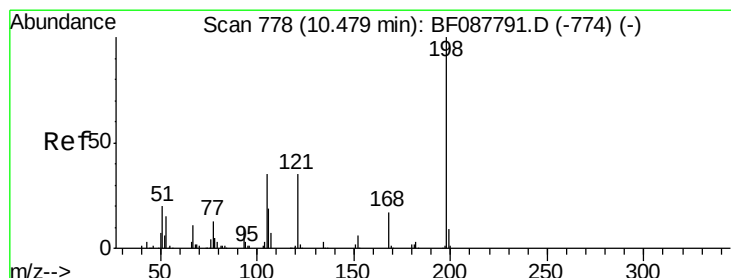
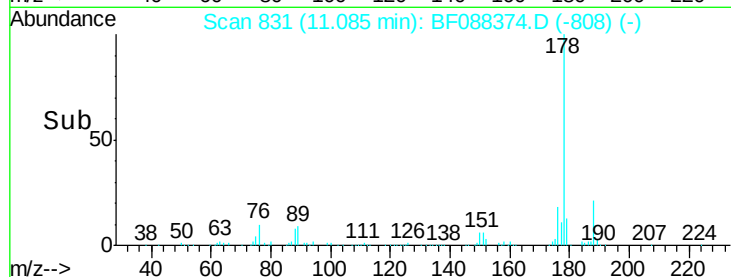
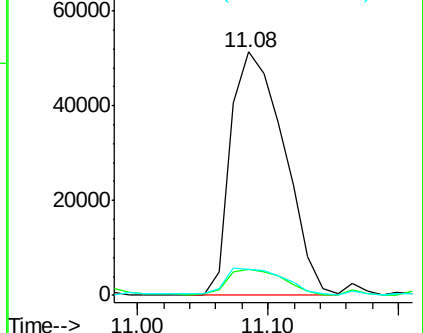
80 10.9 10.0 15.0



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: 3.43 ng

RT: 10.41 min Scan# 772

Delta R.T. 0.15 min

Lab File: BF088374.D

Acq: 25 Jun 2016 13:51

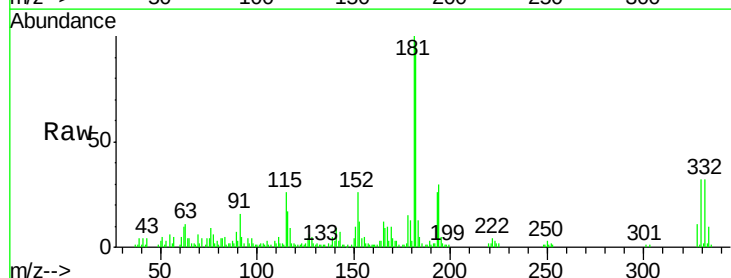
Tgt Ion:198 Resp: 1214

Ion Ratio Lower Upper

198 100

51 557.1 39.6 79.6#

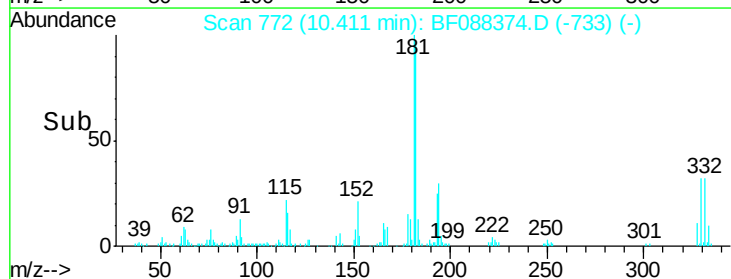
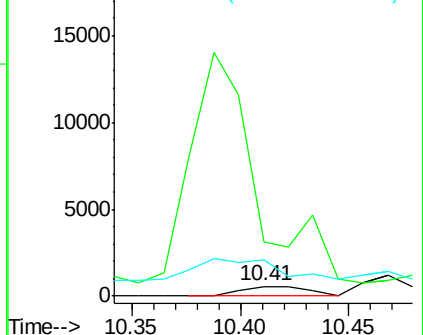
105 368.5 36.6 76.6#

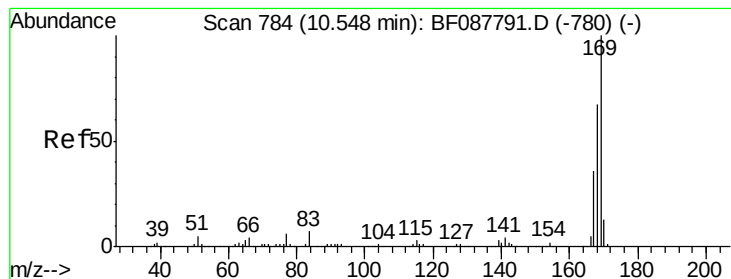


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 13.49 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.09 min

Lab File: BF088374.D

Acq: 25 Jun 2016 13:51

Instrument :

BNA_F

ClientSampleId :

Q8-B4(0-2)C

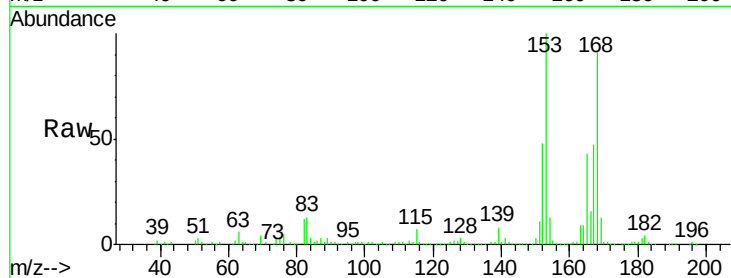
Tgt Ion:169 Resp: 65682

Ion Ratio Lower Upper

169 100

168 680.7 53.4 80.0#

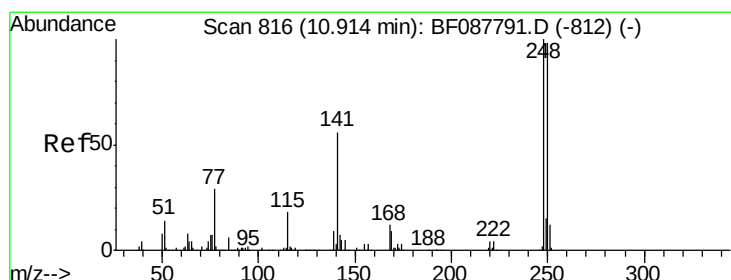
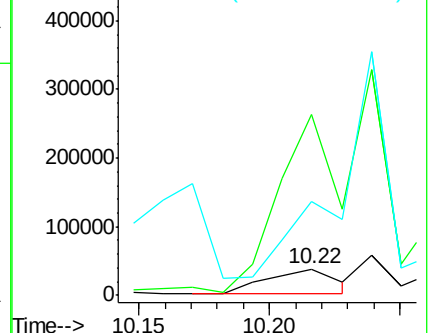
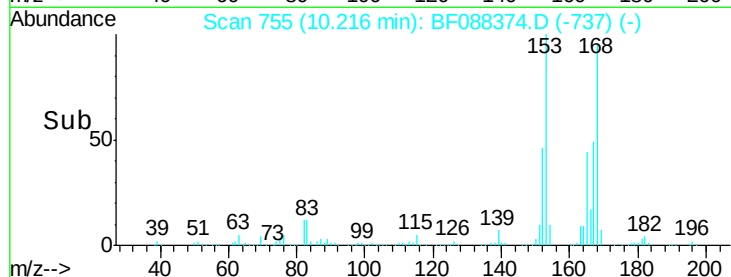
167 353.0 29.4 44.0#



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



#66

4-Bromophenyl-phenylether

Concen: 5.53 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.27 min

Lab File: BF088374.D

Acq: 25 Jun 2016 13:51

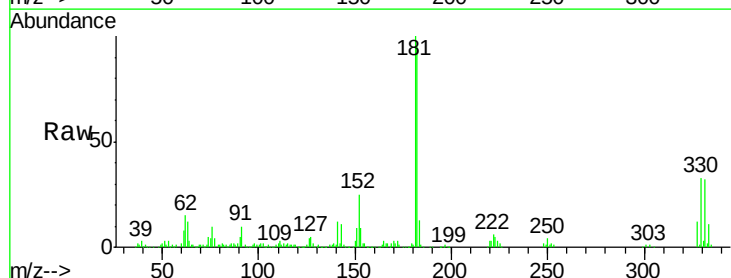
Tgt Ion:248 Resp: 8703

Ion Ratio Lower Upper

248 100

250 201.9 77.1 115.7#

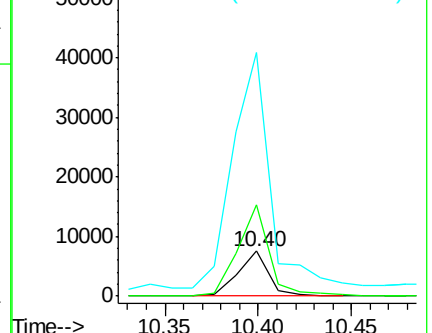
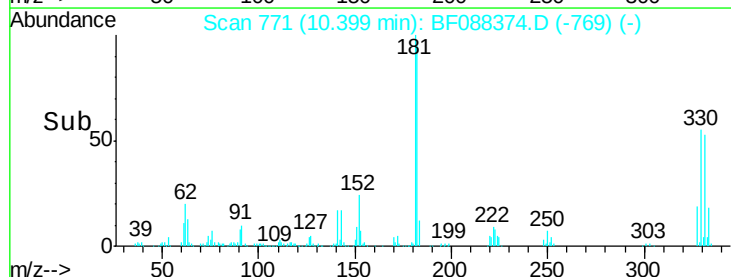
141 539.6 50.6 76.0#

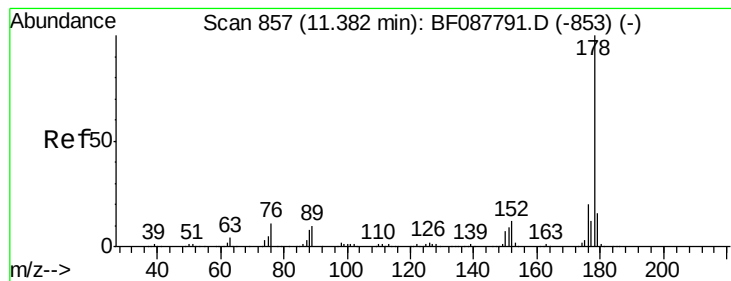


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 719.86 ng

RT: 11.15 min Scan# 837

Delta R.T. 0.01 min

Lab File: BF088374.D

Acq: 25 Jun 2016 13:51

Instrument :

BNA_F

ClientSampleId :

Q8-B4(0-2)C

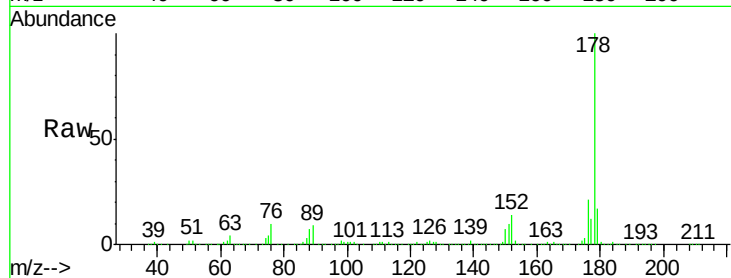
Tgt Ion:178 Resp: 5541056

Ion Ratio Lower Upper

178 100

176 20.6 15.8 23.6

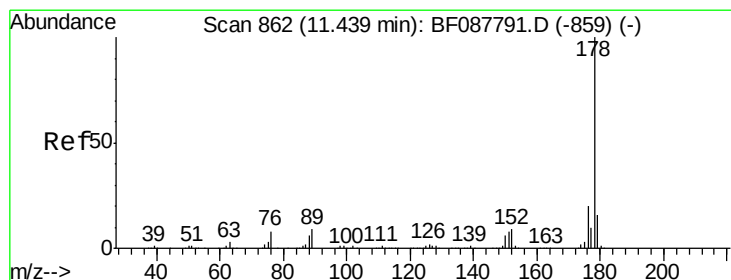
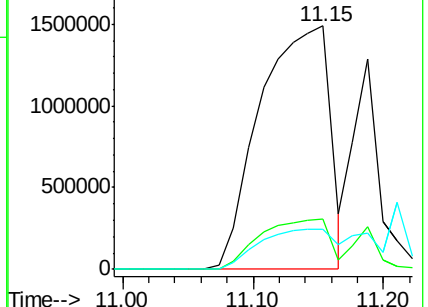
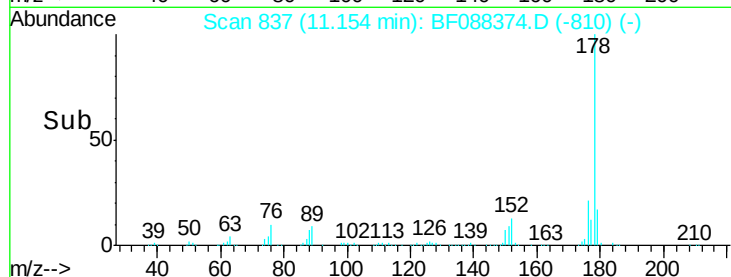
179 16.7 13.0 19.4



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: 713.64 ng

RT: 11.15 min Scan# 837

Delta R.T. -0.05 min

Lab File: BF088374.D

Acq: 25 Jun 2016 13:51

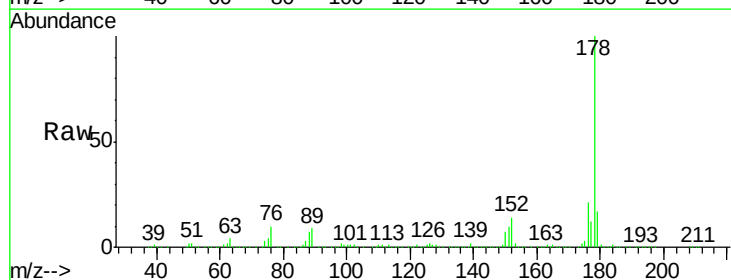
Tgt Ion:178 Resp: 5541056

Ion Ratio Lower Upper

178 100

176 20.6 15.6 23.4

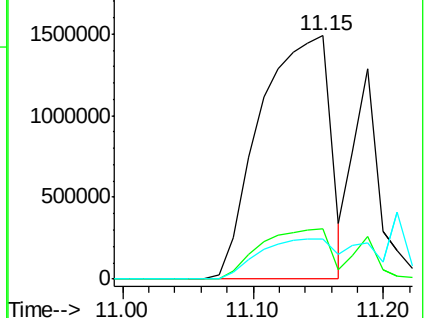
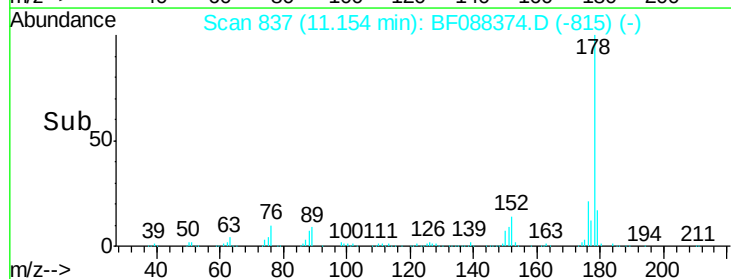
179 16.7 12.8 19.2

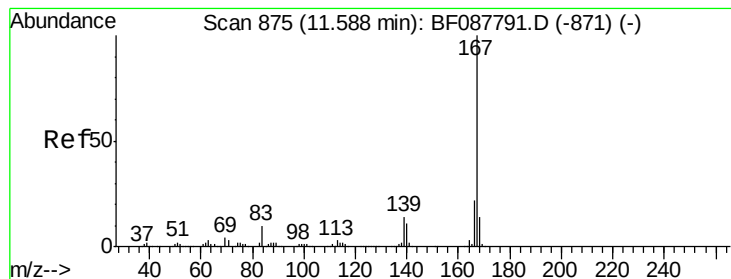


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 104.14 ng

RT: 11.32 min Scan# 852

Delta R.T. -0.03 min

Lab File: BF088374.D

Acq: 25 Jun 2016 13:51

Instrument :

BNA_F

ClientSampleId :

Q8-B4(0-2)C

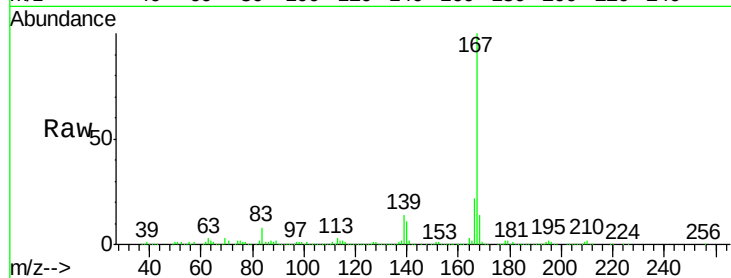
Tgt Ion:167 Resp: 756640

Ion Ratio Lower Upper

167 100

166 22.2 17.8 26.6

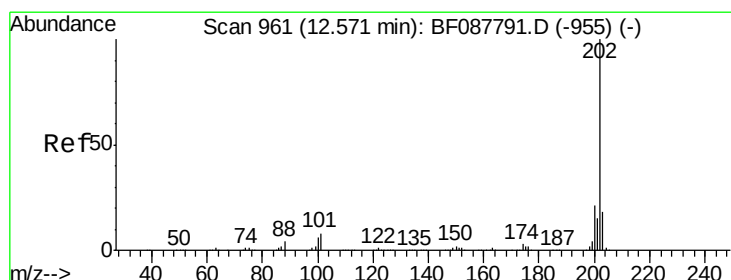
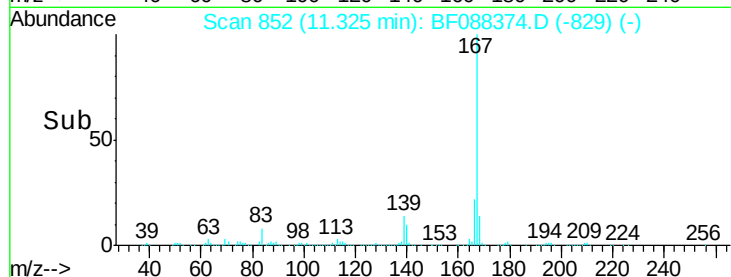
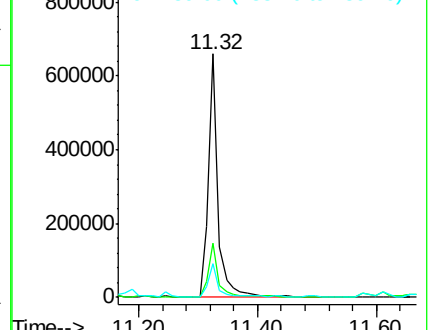
139 13.8 11.2 16.8



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: 490.42 ng

RT: 12.32 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF088374.D

Acq: 25 Jun 2016 13:51

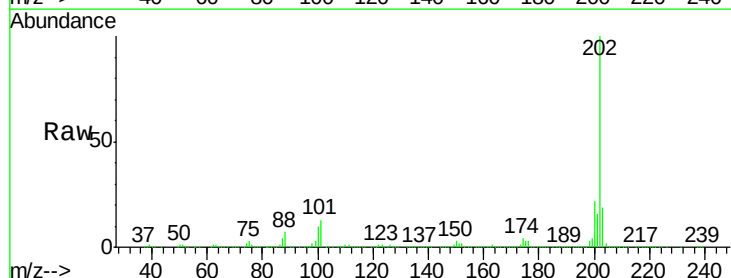
Tgt Ion:202 Resp: 3983790

Ion Ratio Lower Upper

202 100

101 12.6 0.0 33.1

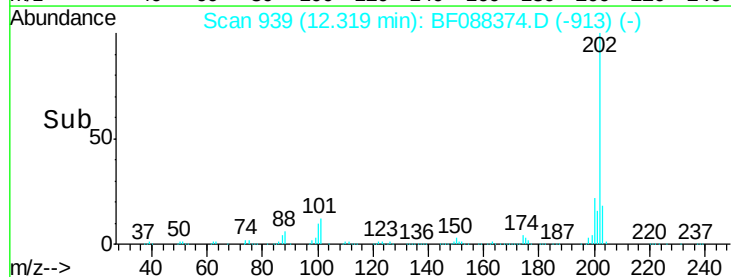
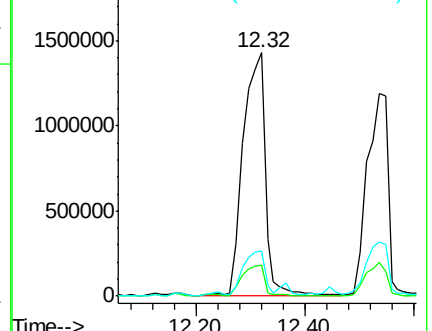
203 18.8 0.0 38.1

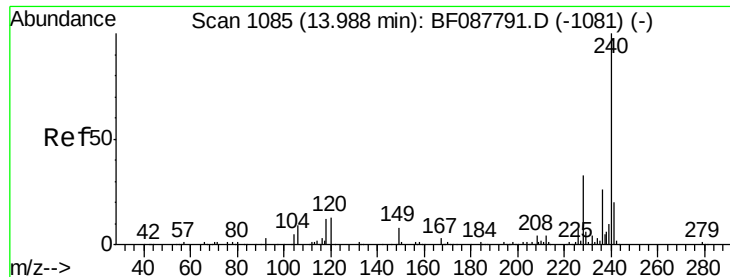


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.03 min

Lab File: BF088374.D

Acq: 25 Jun 2016 13:51

Instrument :

BNA_F

ClientSampleId :

Q8-B4(0-2)C

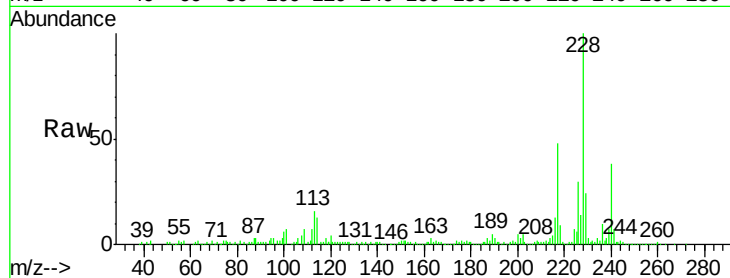
Tgt Ion:240 Resp: 123194

Ion Ratio Lower Upper

240 100

120 9.7 6.8 10.2

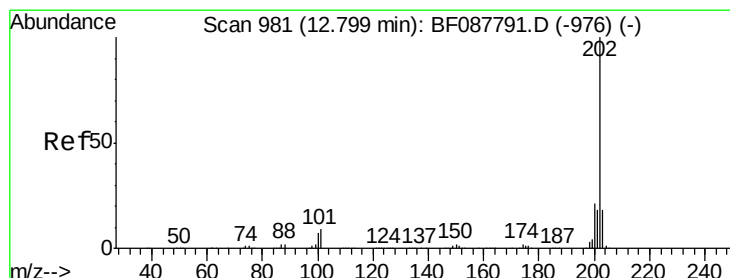
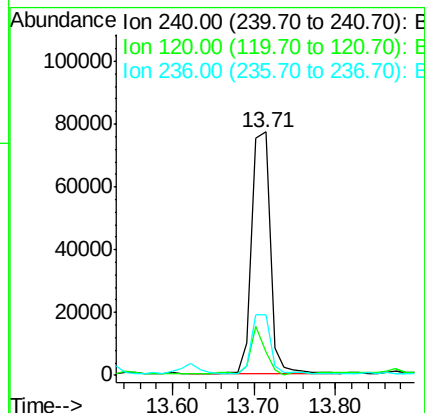
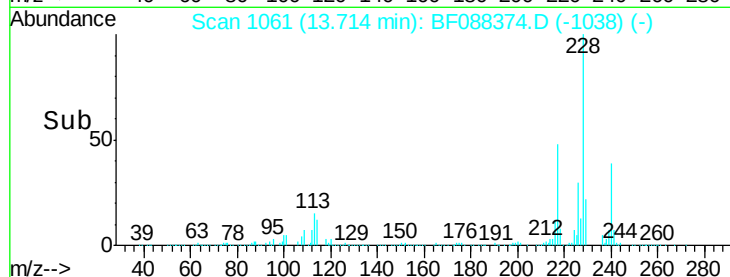
236 24.9 20.2 30.2



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: 427.39 ng

RT: 12.32 min Scan# 939

Delta R.T. -0.23 min

Lab File: BF088374.D

Acq: 25 Jun 2016 13:51

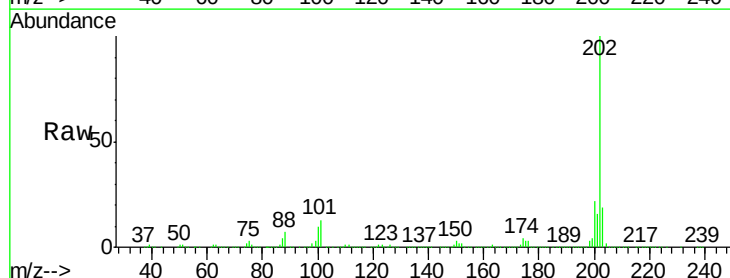
Tgt Ion:202 Resp: 3907115

Ion Ratio Lower Upper

202 100

200 22.3 17.4 26.2

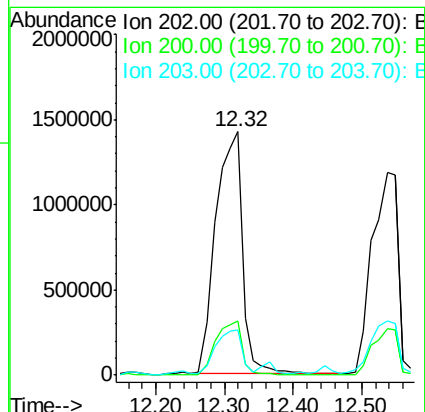
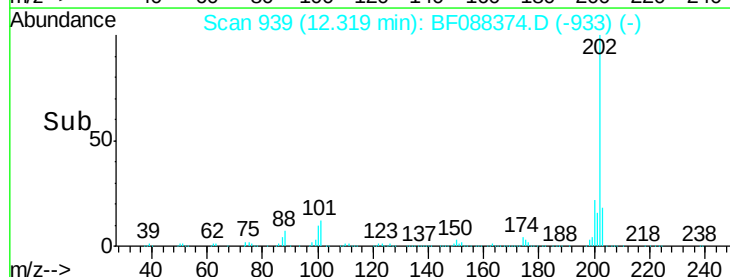
203 18.8 14.5 21.7

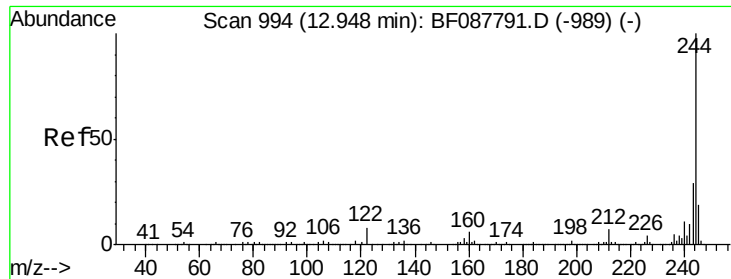


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

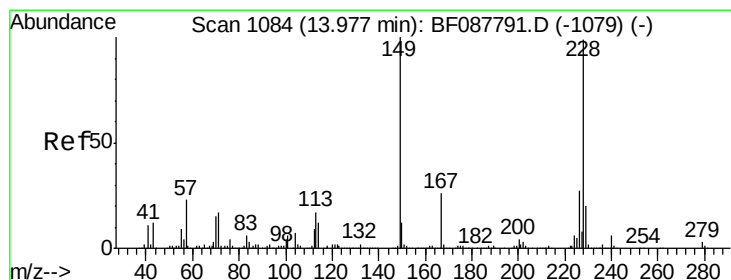
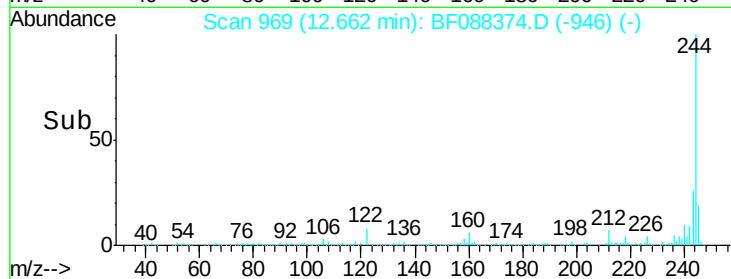
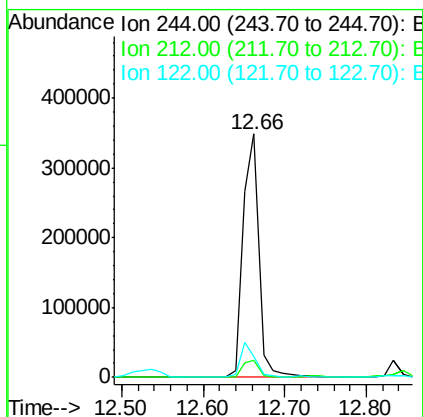
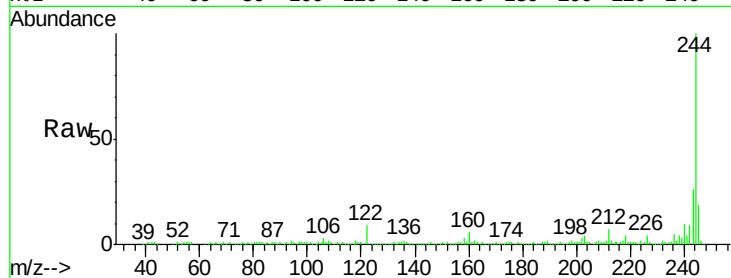




#78
 Terphenyl-d14
 Concen: 86.64 ng
 RT: 12.66 min Scan# 969
 Delta R.T. -0.03 min
 Lab File: BF088374.D
 Acq: 25 Jun 2016 13:51

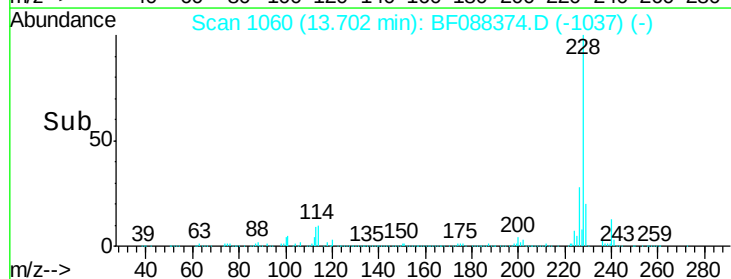
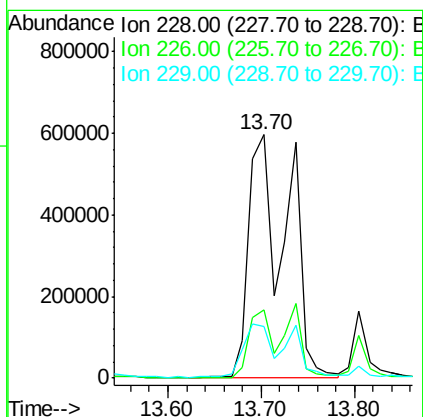
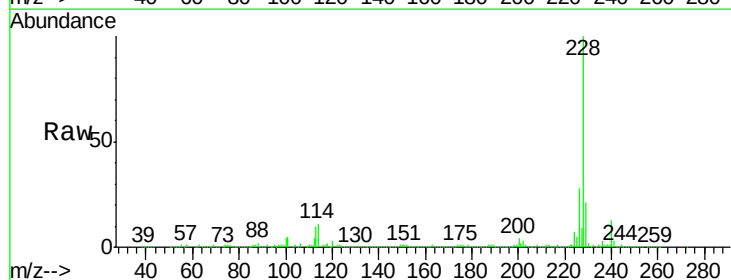
Instrument :
 BNA_F
 ClientSampleId :
 Q8-B4(0-2)C

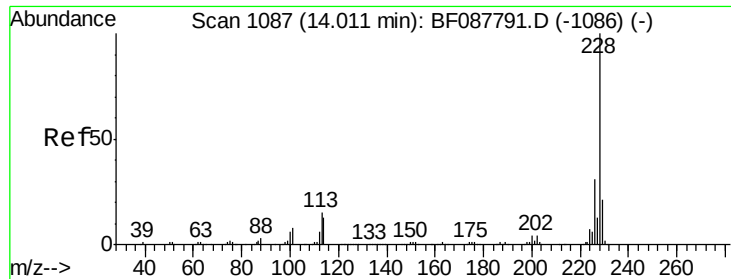
Tgt Ion:244 Resp: 469074
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 8.5 11.2 16.8#



#80
 Benzo(a)anthracene
 Concen: 239.69 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. -0.03 min
 Lab File: BF088374.D
 Acq: 25 Jun 2016 13:51

Tgt Ion:228 Resp: 1682734
 Ion Ratio Lower Upper
 228 100
 226 28.0 22.3 33.5
 229 21.0 16.0 24.0





#82

Chrysene

Concen: 254.57 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.07 min

Lab File: BF088374.D

Acq: 25 Jun 2016 13:51

Instrument :

BNA_F

ClientSampleId :

Q8-B4(0-2)C

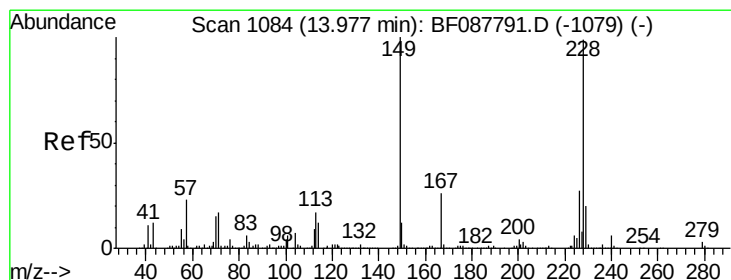
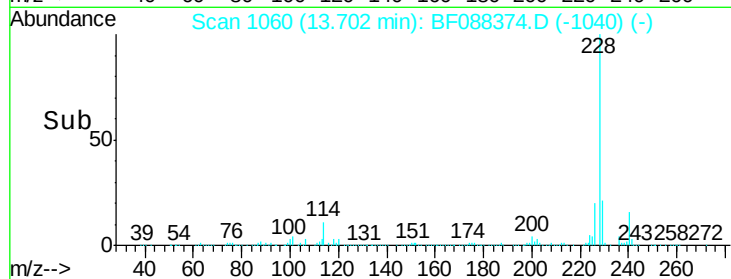
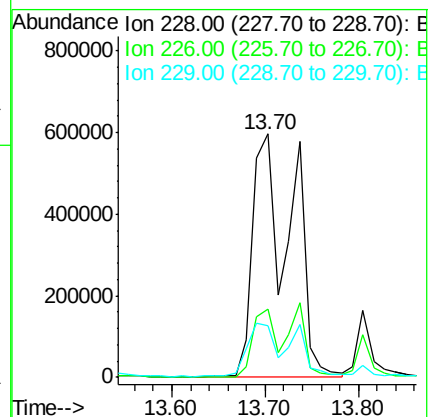
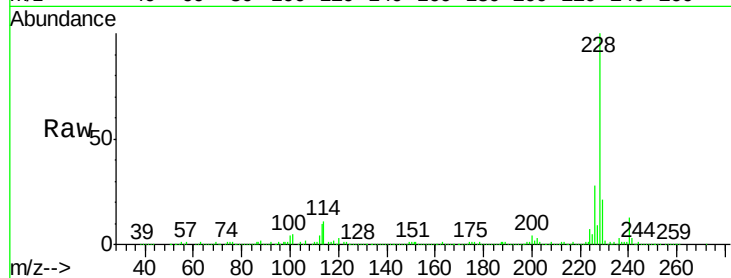
Tgt Ion:228 Resp: 1681318

Ion Ratio Lower Upper

228 100

226 28.0 25.4 38.2

229 21.0 16.3 24.5



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.24 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.05 min

Lab File: BF088374.D

Acq: 25 Jun 2016 13:51

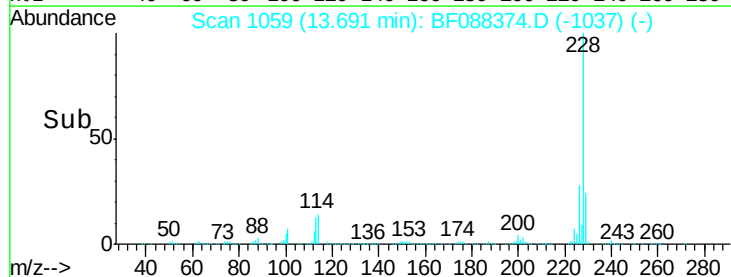
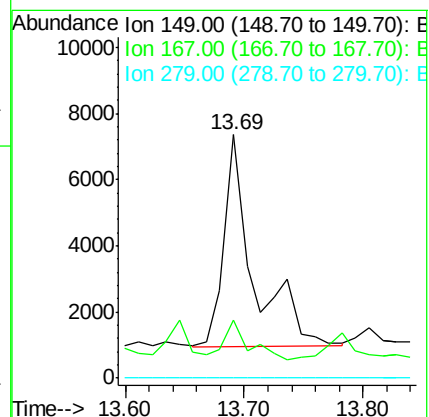
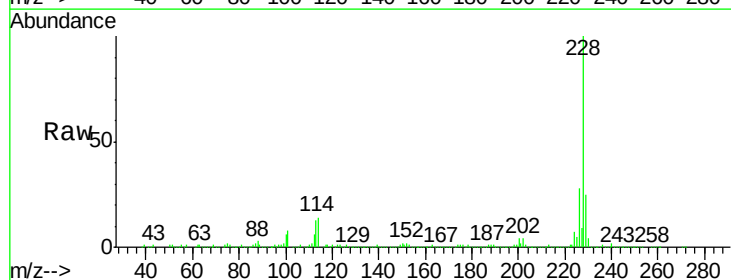
Tgt Ion:149 Resp: 11009

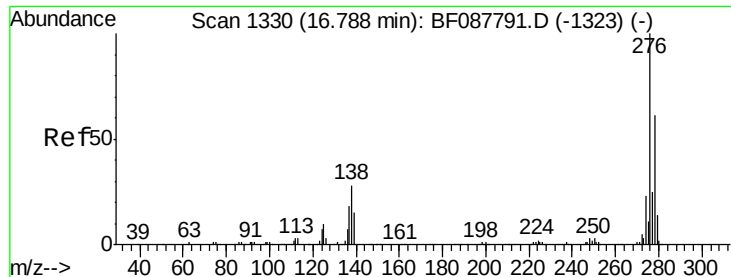
Ion Ratio Lower Upper

149 100

167 23.6 20.5 30.7

279 0.0 2.0 3.0#

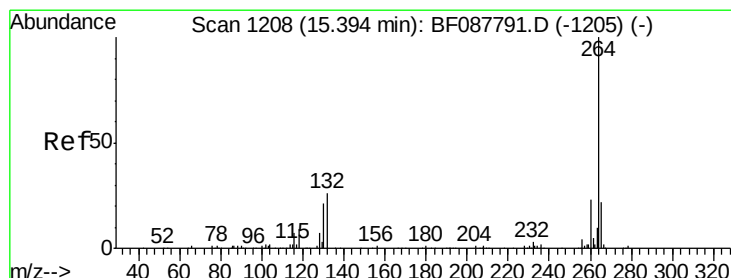
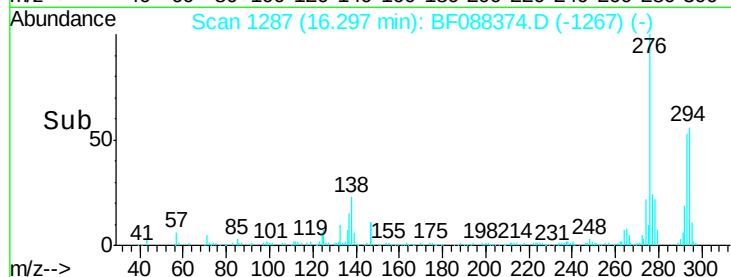
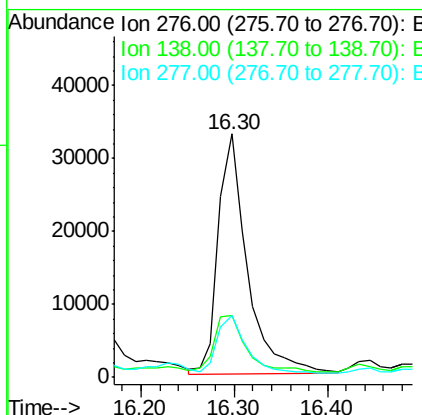
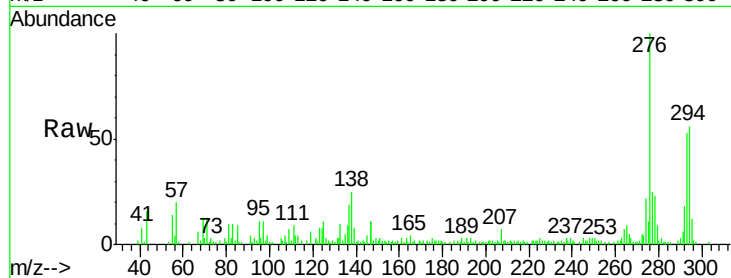




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 11.70 ng
 RT: 16.30 min Scan# 1287
 Delta R.T. -0.07 min
 Lab File: BF088374.D
 Acq: 25 Jun 2016 13:51

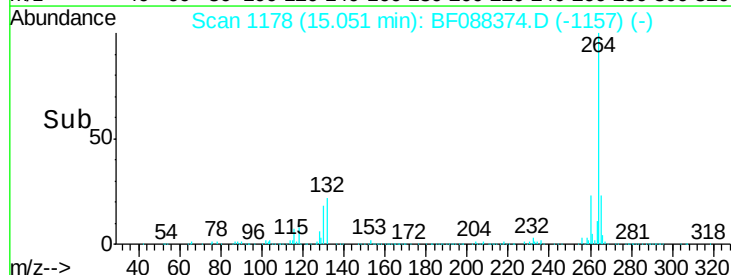
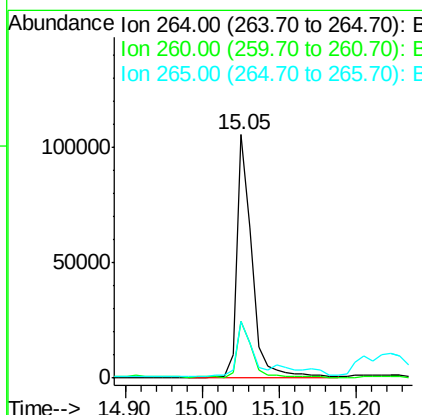
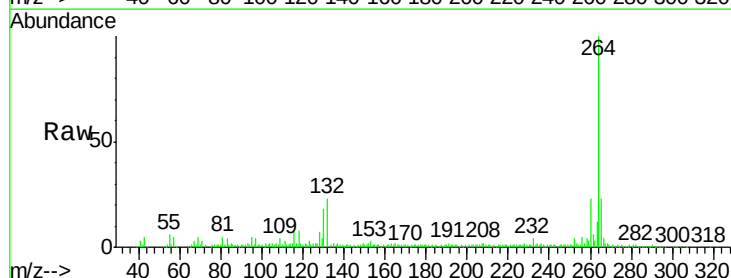
Instrument :
 BNA_F
 ClientSampleId :
 Q8-B4(0-2)C

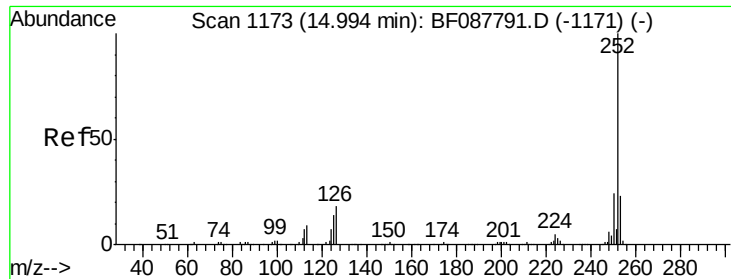
Tgt Ion:276 Resp: 71791
 Ion Ratio Lower Upper
 276 100
 138 25.6 0.0 0.0#
 277 24.2 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.06 min
 Lab File: BF088374.D
 Acq: 25 Jun 2016 13:51

Tgt Ion:264 Resp: 143085
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 23.1 16.9 25.3

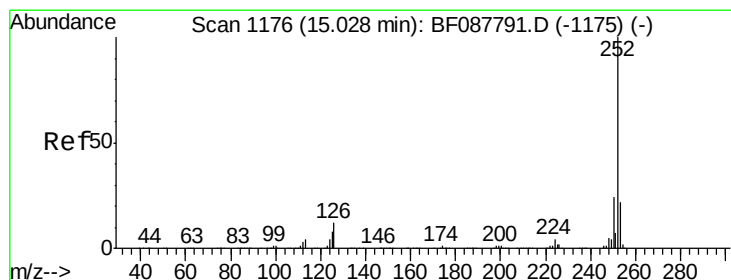
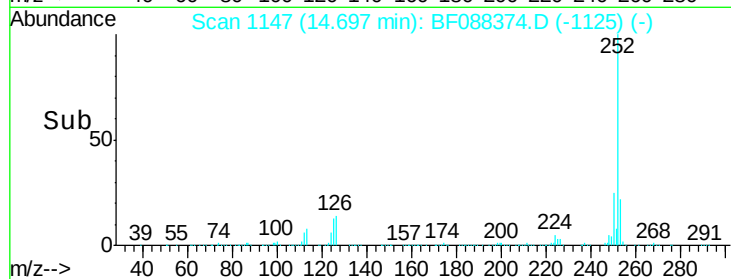
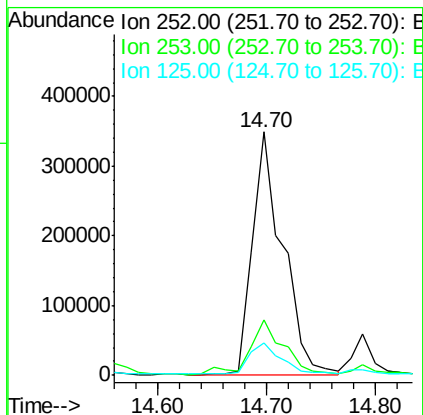
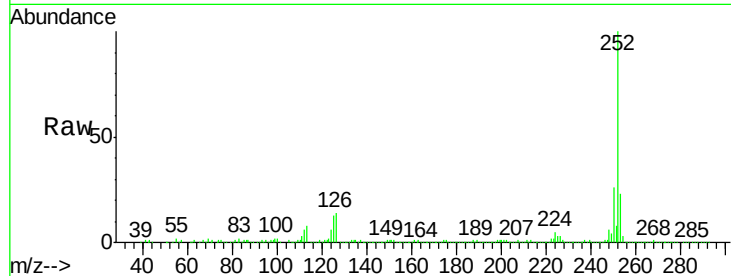




#87
Benzo(b)fluoranthene
Concen: 67.18 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF088374.D
Acq: 25 Jun 2016 13:51

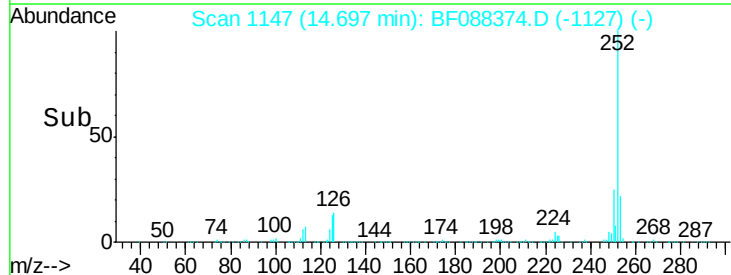
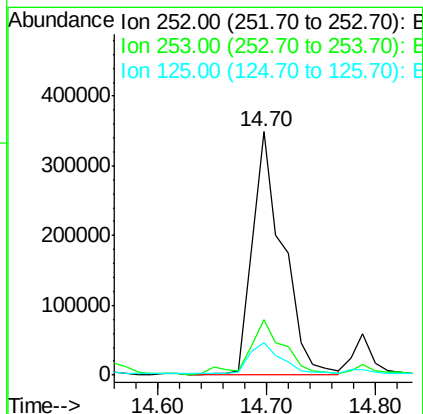
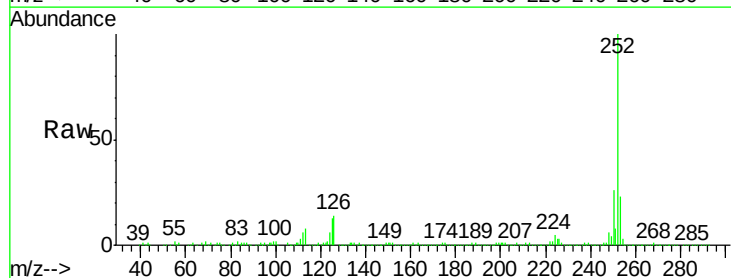
Instrument :
BNA_F
ClientSampleId :
Q8-B4(0-2)C

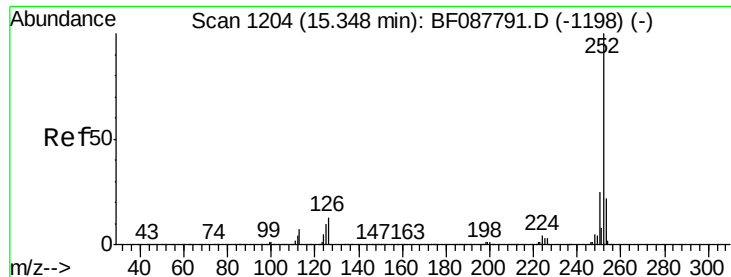
Tgt Ion:252 Resp: 670017
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 13.2 7.1 10.7#



#88
Benzo(k)fluoranthene
Concen: 89.06 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.07 min
Lab File: BF088374.D
Acq: 25 Jun 2016 13:51

Tgt Ion:252 Resp: 670017
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 13.2 11.2 16.8





#89

Benzo(a)pyrene

Concen: 21.38 ng

RT: 14.95 min Scan# 1169

Delta R.T. -0.10 min

Lab File: BF088374.D

Acq: 25 Jun 2016 13:51

Instrument :

BNA_F

ClientSampleId :

Q8-B4(0-2)C

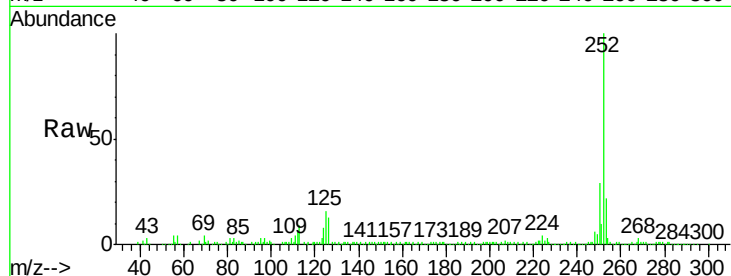
Tgt Ion: 252 Resp: 172505

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

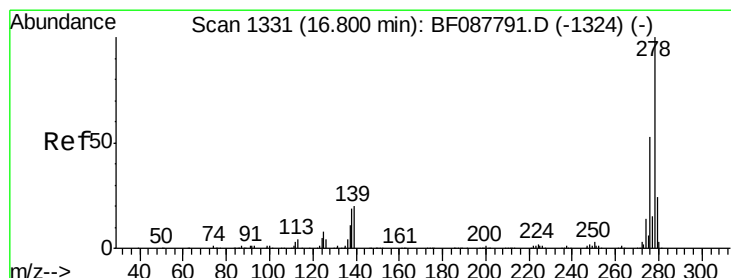
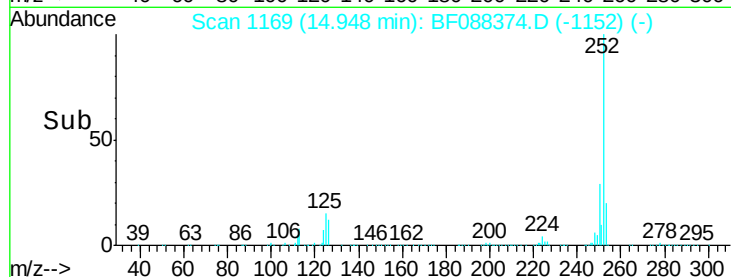
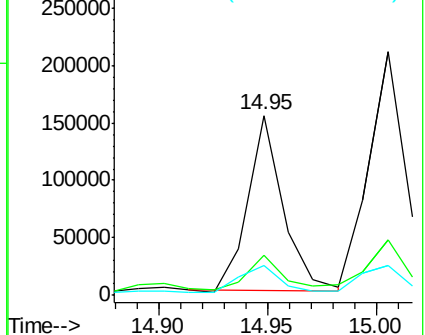
125 16.5 12.5 18.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 2.52 ng

RT: 16.30 min Scan# 1287

Delta R.T. -0.07 min

Lab File: BF088374.D

Acq: 25 Jun 2016 13:51

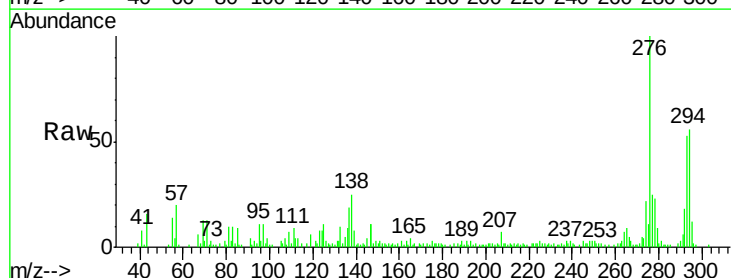
Tgt Ion: 278 Resp: 18889

Ion Ratio Lower Upper

278 100

139 34.8 15.7 23.5#

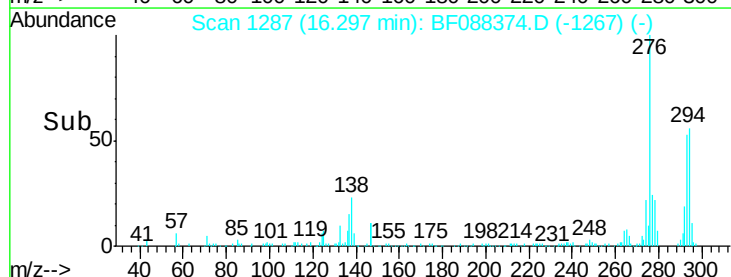
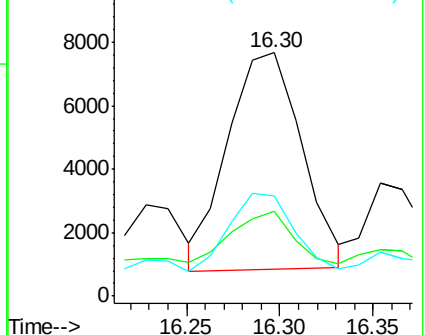
279 41.2 19.4 29.2#

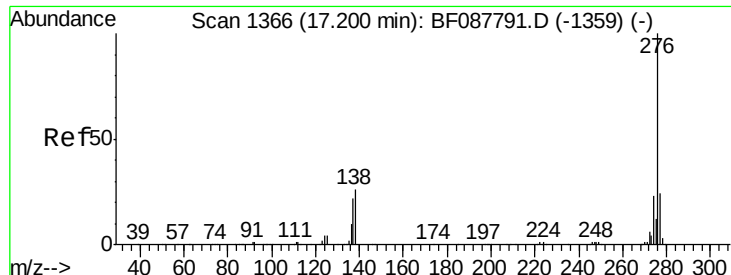


Abundance Ion 278.00 (277.70 to 278.70): E

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: 7.25 ng
 RT: 16.66 min Scan# 1319
 Delta R.T. -0.08 min
 Lab File: BF088374.D
 Acq: 25 Jun 2016 13:51

Instrument :
 BNA_F
 ClientSampleId :
 Q8-B4(0-2)C

Tgt Ion:	276	Resp:	55889
Ion	Ratio	Lower	Upper
276	100		
277	26.2	18.9	28.3
138	28.2	21.4	32.2

