

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
 Data File : BF086878.D
 Acq On : 11 May 2016 3:45
 Operator : UM/SJ
 Sample : H2762-04DL 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 11 07:53:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	177639	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	570525	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	287146	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	433276	20.00	ng	-0.01
75) Chrysene-d12	13.82	240	356216	20.00	ng	-0.01
86) Perylene-d12	15.20	264	324249	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	115786	11.04	ng	-0.01
7) Phenol-d6	6.35	99	141952	10.13	ng	-0.01
23) Nitrobenzene-d5	7.25	82	101315	8.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	21325	7.01	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	182358	10.67	ng	-0.01
78) Terphenyl-d14	12.77	244	119319	7.11	ng	-0.02

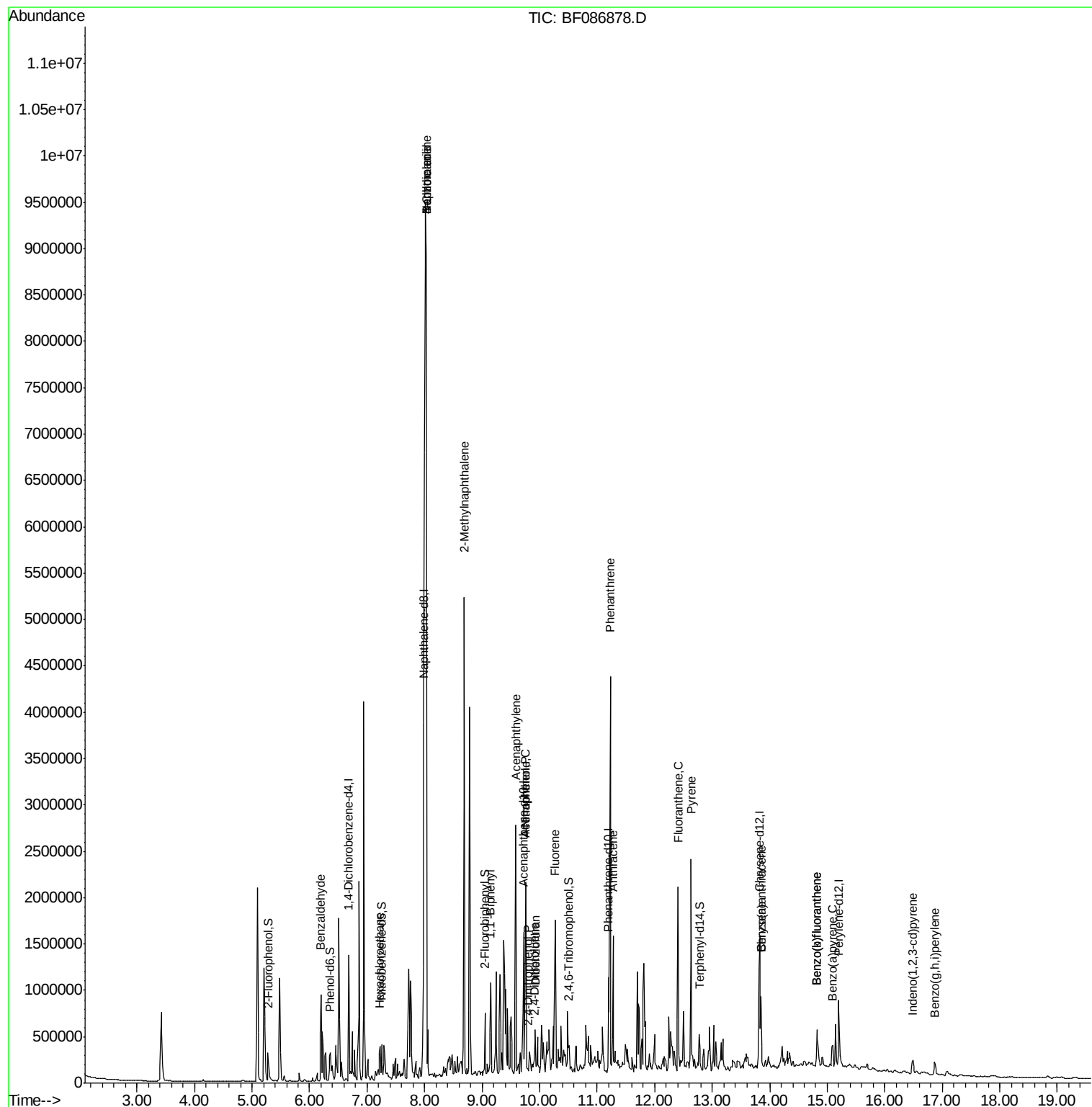
Target Compounds						Qvalue
9) Benzaldehyde	6.20	77	82692	10.19	ng	# 1
18) Hexachloroethane	7.22	117	92822	17.66	ng	# 18
31) Naphthalene	8.03	128	10804465	378.09	ng	# 93
32) Benzoic acid	8.03	122	32023	6.23	ng	# 1
33) 4-Chloroaniline	8.03	127	1716506	154.59	ng	# 40
37) 2-Methylnaphthalene	8.69	142	1613348	96.57	ng	96
45) 1,1'-Biphenyl	9.15	154	319088	13.97	ng	99
48) Acenaphthylene	9.58	152	893281	33.94	ng	97
51) Acenaphthene	9.76	154	456673	27.89	ng	98
53) 2,4-Dinitrophenol	9.80	184	215	7.77	ng	# 1
54) Dibenzofuran	9.93	168	84421	4.02	ng	# 86
55) 4-Nitrophenol	9.76	139	6834	6.55	ng	90
56) 2,4-Dinitrotoluene	9.90	165	12268	2.15	ng	# 53
57) Fluorene	10.27	166	634136	35.38	ng	98
60) 4-Chlorophenyl-phenylether	10.08	204	493	Below Cal	ng	# 1
70) Phenanthrene	11.23	178	1842054	79.67	ng	99
71) Anthracene	11.28	178	605071	25.59	ng	99
74) Fluoranthene	12.41	202	737107	30.99	ng	94
77) Pyrene	12.64	202	1052204	38.58	ng	99
80) Benzo(a)anthracene	13.85	228	260294	13.02	ng	95
82) Chrysene	13.85	228	261000	12.83	ng	97
85) Indeno(1,2,3-cd)pyrene	16.49	276	97259	5.75	ng	# 87
87) Benzo(b)fluoranthene	14.82	252	285781	13.56	ng	98
88) Benzo(k)fluoranthene	14.82	252	285781	16.56	ng	98
89) Benzo(a)pyrene	15.09	252	135024	7.43	ng	99
91) Benzo(g,h,i)perylene	16.87	276	111903	7.19	ng	94

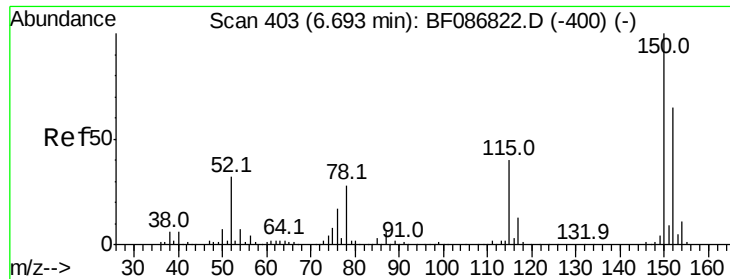
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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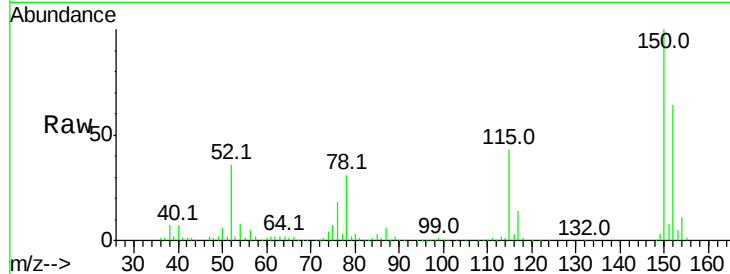


#1

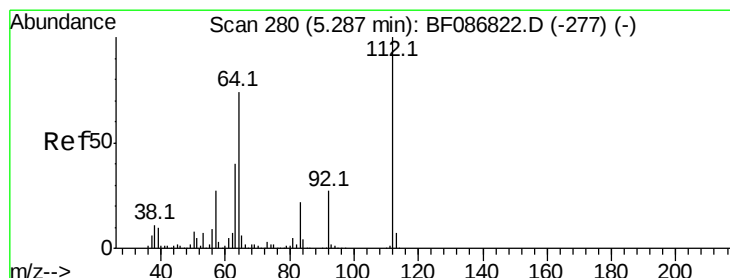
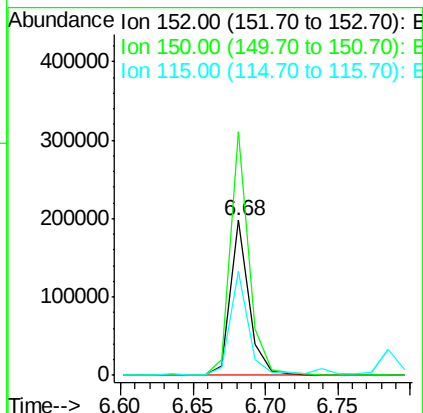
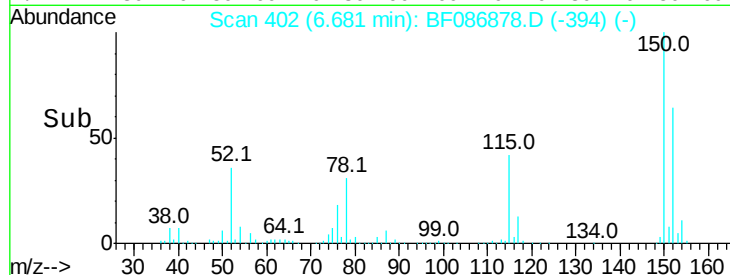
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 177639
Ion Ratio Lower Upper
152 100
150 156.8 125.8 188.6
115 66.7 51.5 77.3



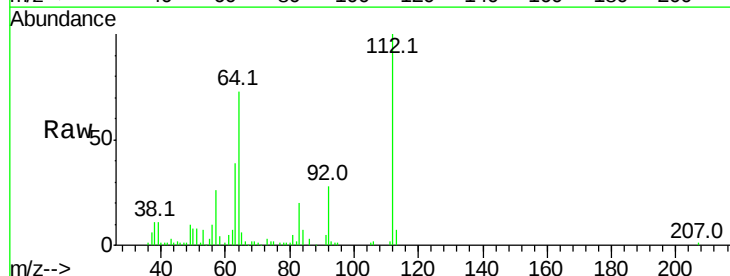
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



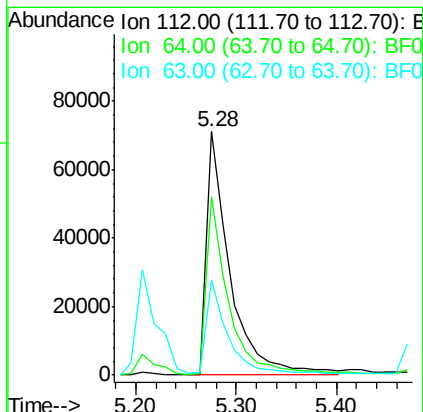
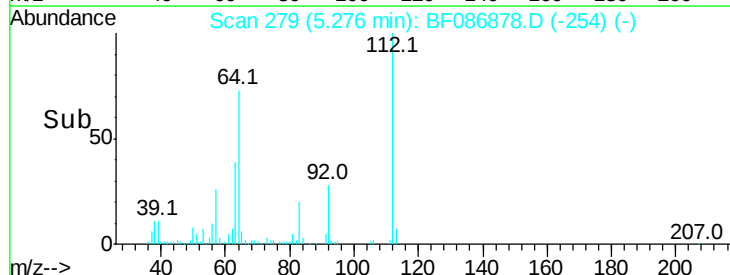
#5

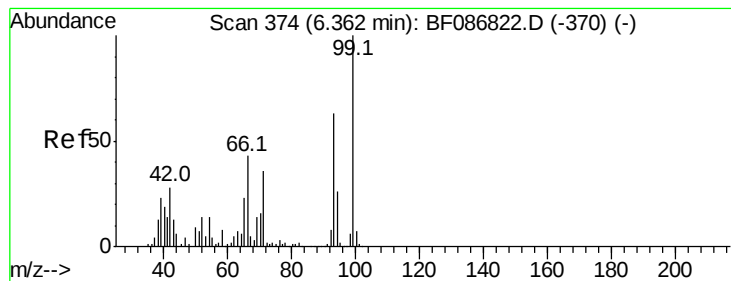
2-Fluorophenol
Concen: 11.04 ng
RT: 5.28 min Scan# 279
Delta R.T. -0.01 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Tgt Ion:112 Resp: 115786
Ion Ratio Lower Upper
112 100
64 73.1 52.1 78.1
63 38.9 25.7 38.5#



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: 10.13 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF086878.D

Acq: 11 May 2016 3:45

Instrument :

BNA_F

ClientSampled :

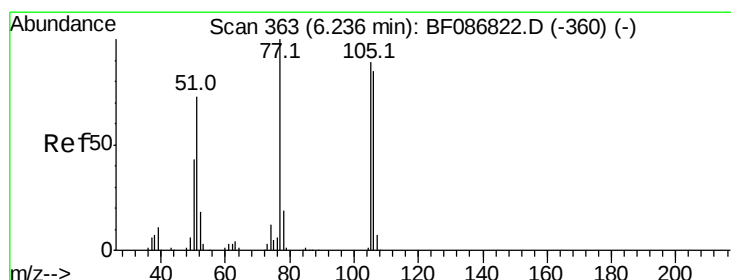
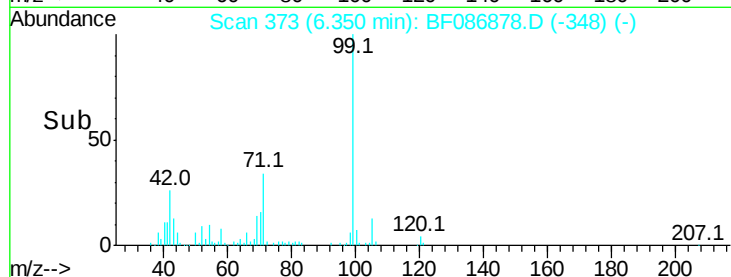
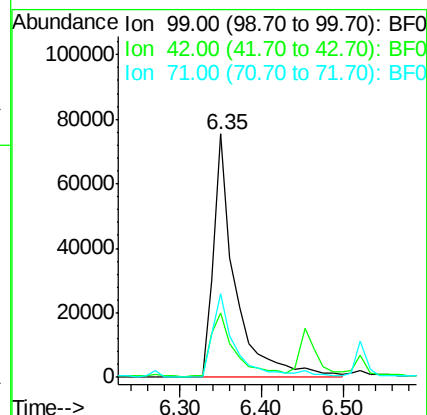
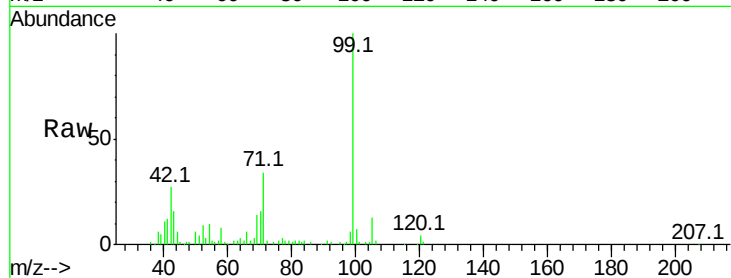
Tot Ion: 99 Resp: 141952

Ion Ratio Lower Upper

99 100

42 26.6 13.6 20.4#

71 34.3 24.6 36.8



#9

Benzaldehyde

Concen: 10.19 ng

RT: 6.20 min Scan# 360

Delta R.T. -0.03 min

Lab File: BF086878.D

Acq: 11 May 2016 3:45

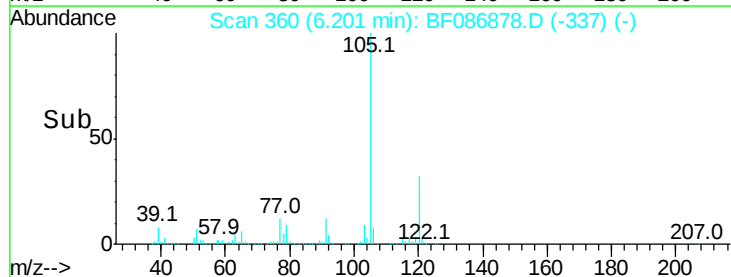
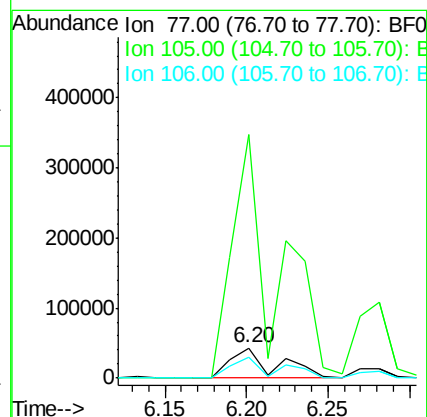
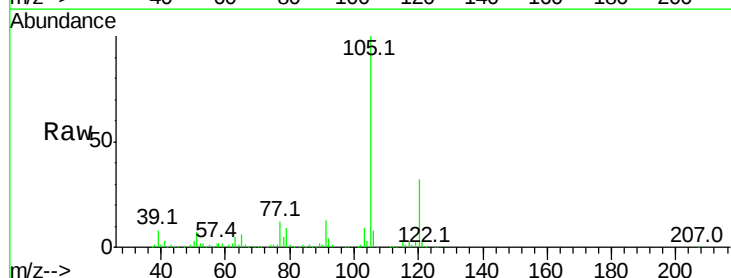
Tgt Ion: 77 Resp: 82692

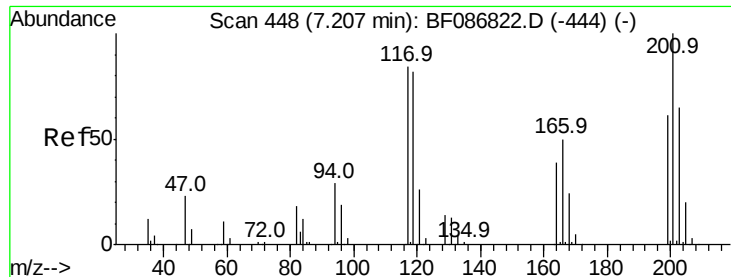
Ion Ratio Lower Upper

77 100

105 808.9 72.7 112.7#

106 68.3 70.8 110.8#

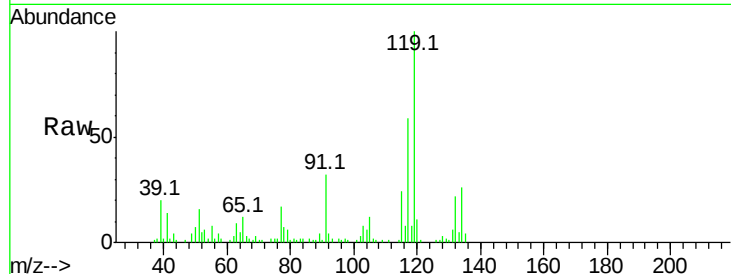




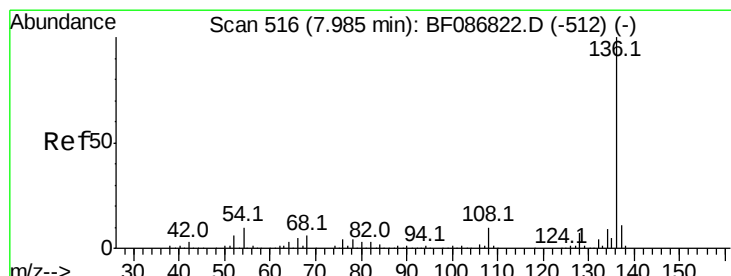
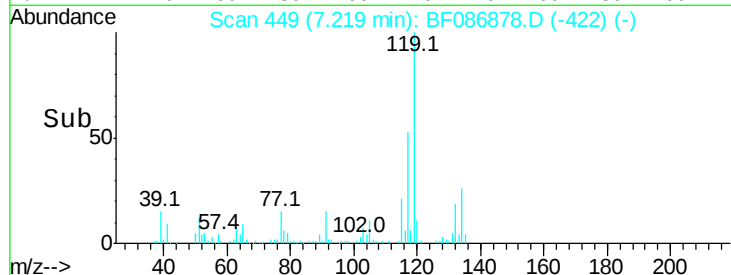
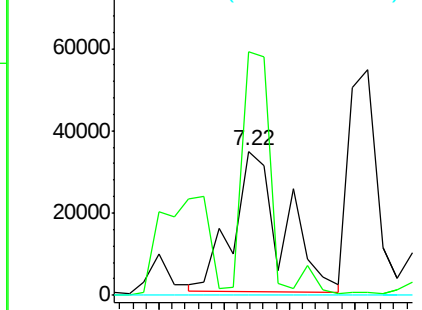
#18
Hexachloroethane
Concen: 17.66 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.01 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:117 Resp: 92822
Ion Ratio Lower Upper
117 100
119 168.7 76.5 114.7#
201 0.0 63.0 94.6#

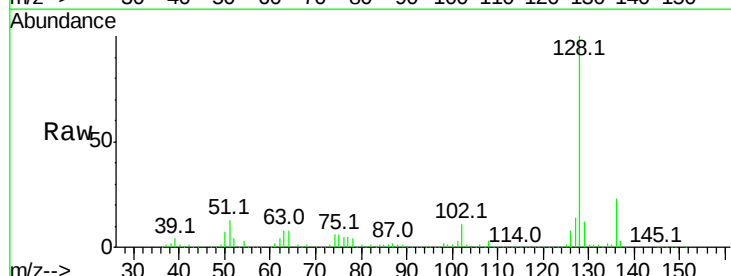


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

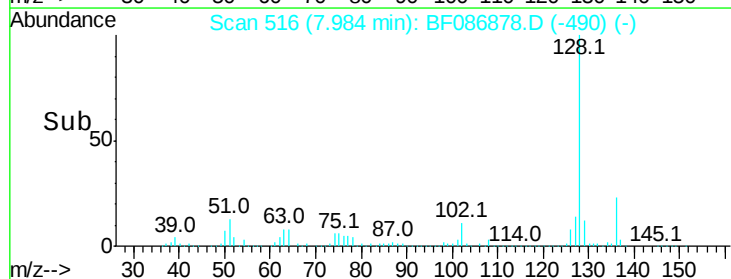
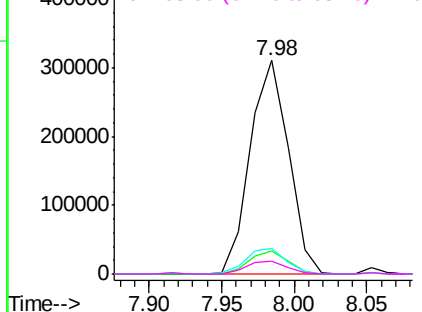


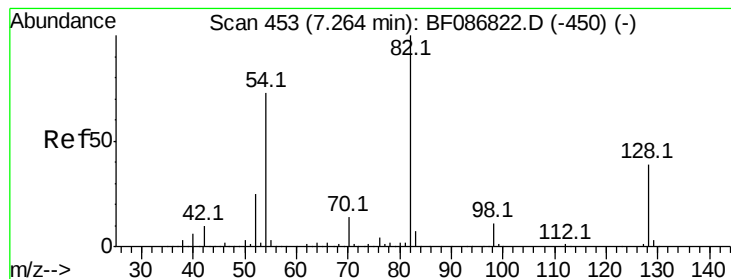
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Tgt Ion:136 Resp: 570525
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 11.7 5.0 7.4#
68 6.0 4.4 6.6



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: 8.92 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF086878.D

Acq: 11 May 2016 3:45

Instrument :

BNA_F

ClientSampled :

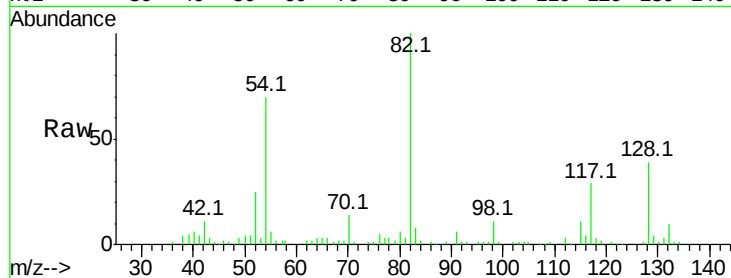
Tot Ion: 82 Resp: 101315

Ion Ratio Lower Upper

82 100

128 38.7 40.6 61.0#

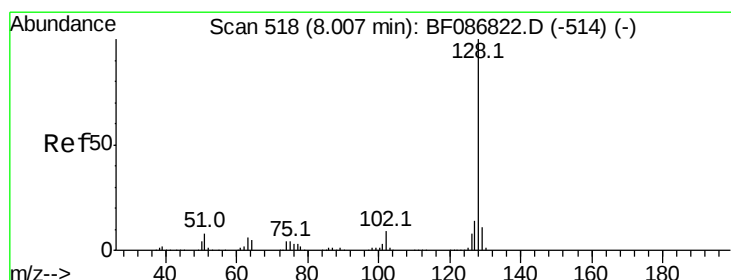
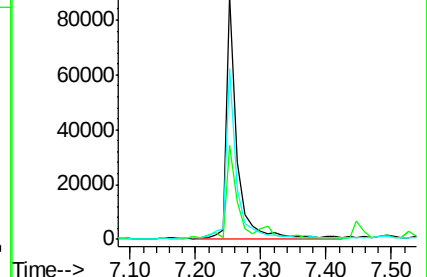
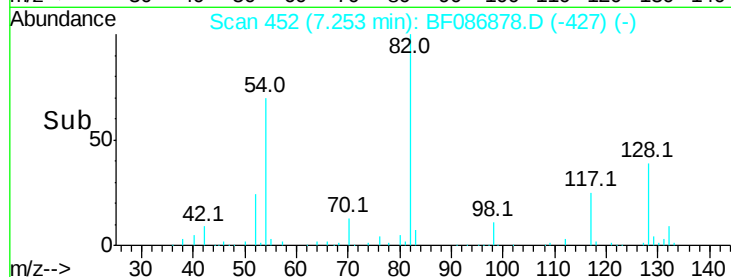
54 70.1 38.1 57.1#



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



#31

Naphthalene

Concen: 378.09 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.02 min

Lab File: BF086878.D

Acq: 11 May 2016 3:45

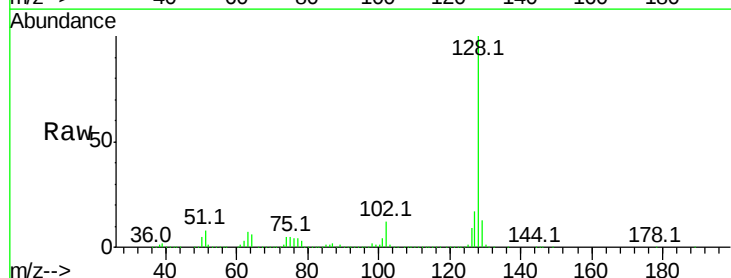
Tgt Ion:128 Resp:10804465

Ion Ratio Lower Upper

128 100

129 12.6 8.6 13.0

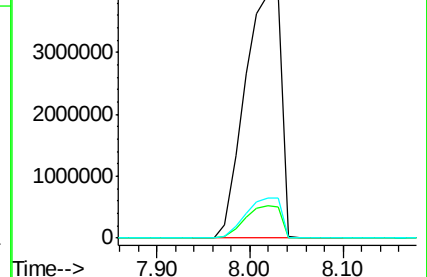
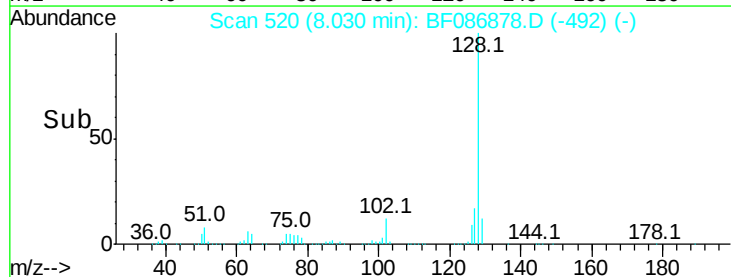
127 16.7 10.8 16.2#

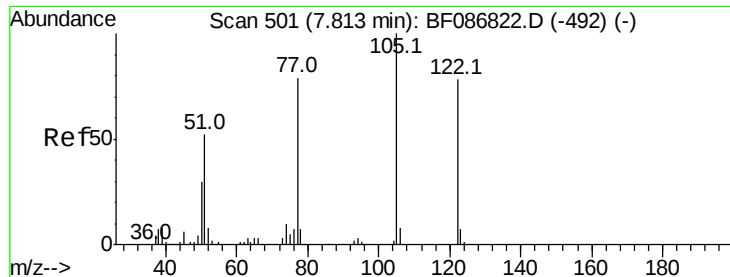


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

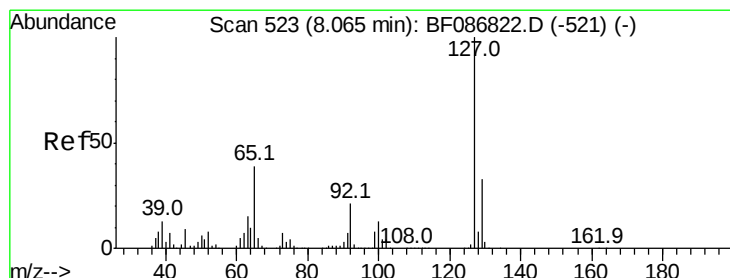
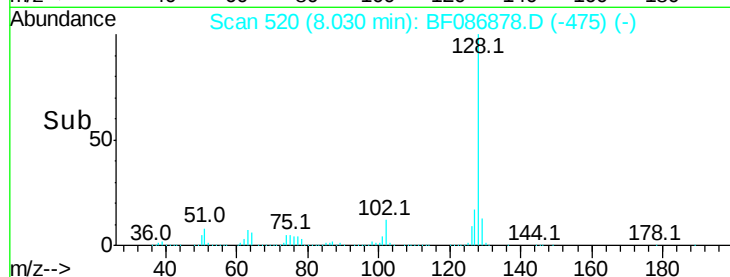
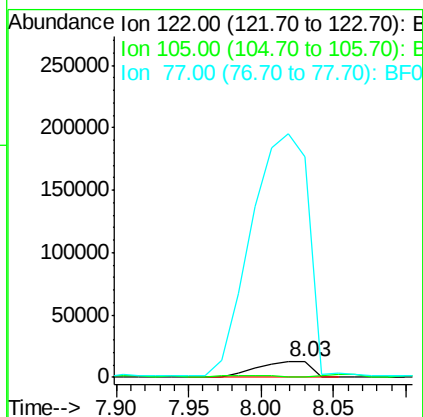
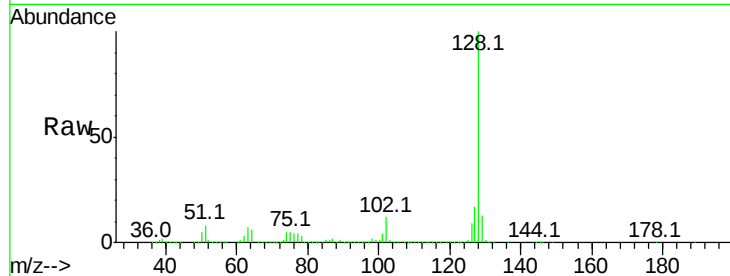




#32
Benzoic acid
Concen: 6.23 ng
RT: 8.03 min Scan# 520
Delta R.T. 0.22 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

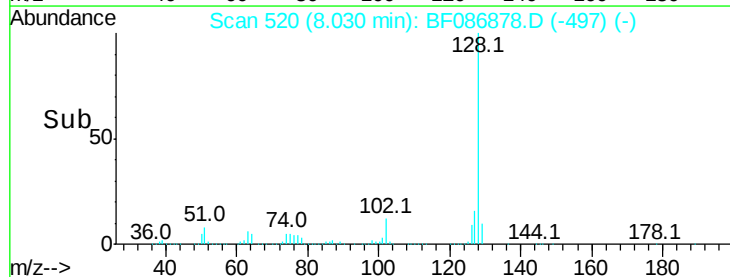
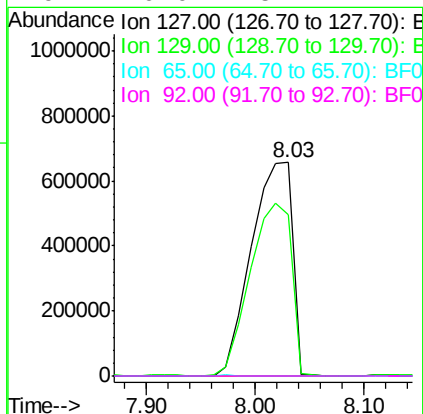
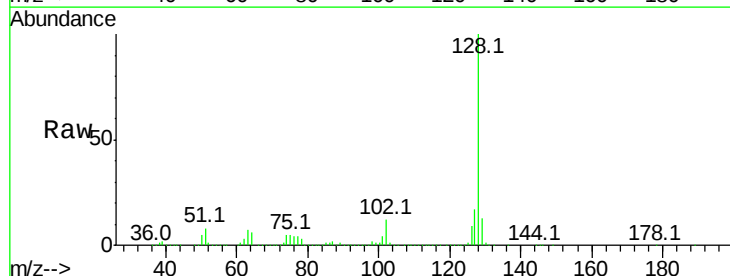
Instrument :
BNA_F
ClientSampleId :

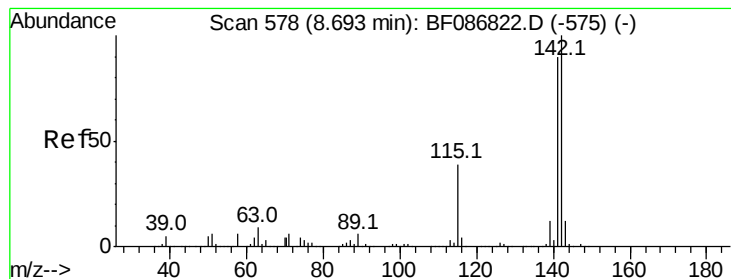
Tot Ion:122 Resp: 32023
Ion Ratio Lower Upper
122 100
105 2.9 92.6 132.6#
77 1421.6 60.0 100.0#



#33
4-Chloroaniline
Concen: 154.59 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.03 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Tgt Ion:127 Resp: 1716506
Ion Ratio Lower Upper
127 100
129 75.8 26.2 39.4#
65 0.0 23.0 34.4#
92 0.0 15.1 22.7#

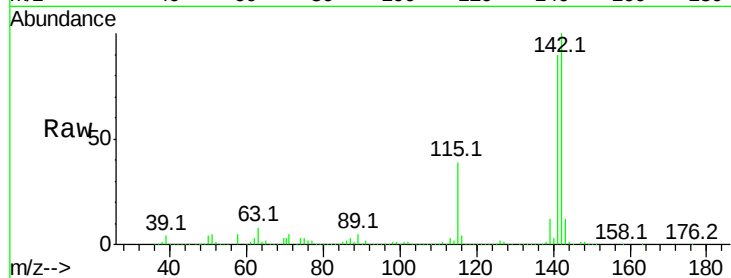




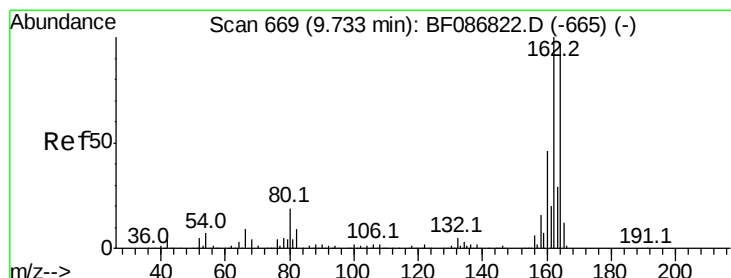
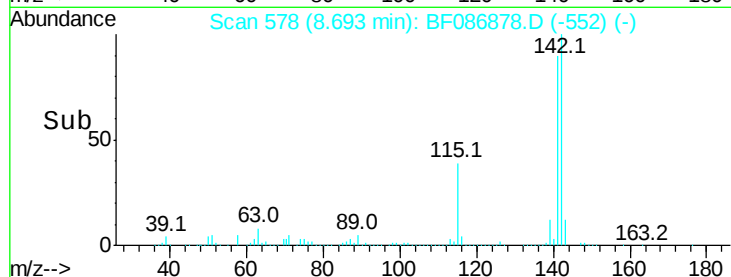
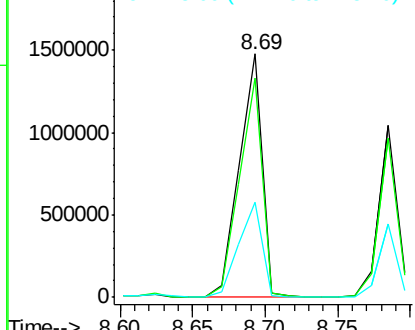
#37
 2-Methylnaphthalene
 Concen: 96.57 ng
 RT: 8.69 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: BF086878.D
 Acq: 11 May 2016 3:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 1613348
 Ion Ratio Lower Upper
 142 100
 141 90.1 71.0 106.6
 115 39.0 26.6 39.8

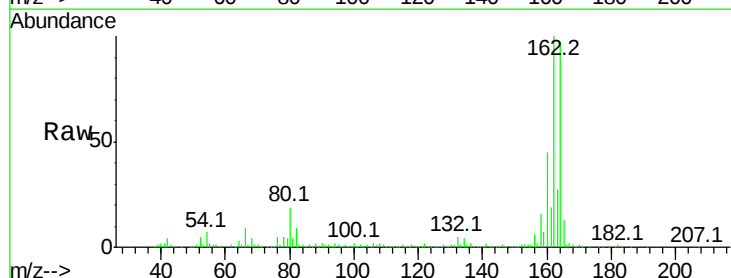


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

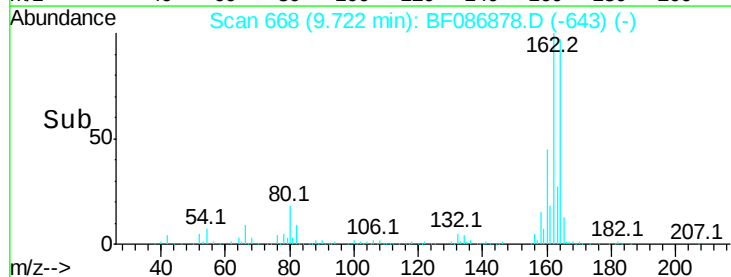
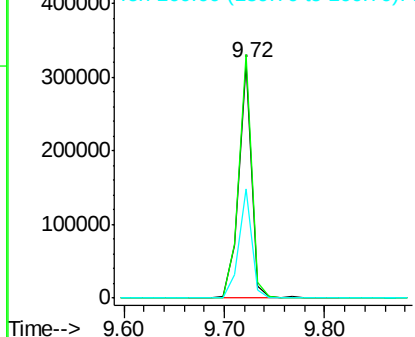


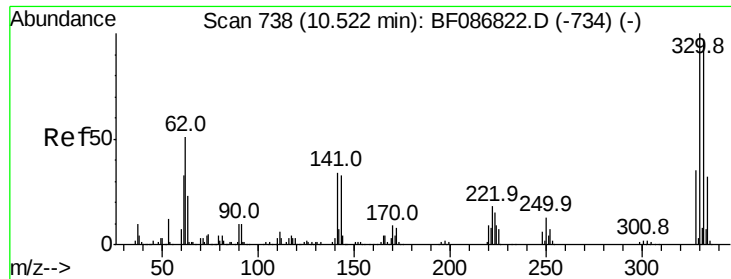
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF086878.D
 Acq: 11 May 2016 3:45

Tgt Ion:164 Resp: 287146
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.8 124.2
 160 46.5 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

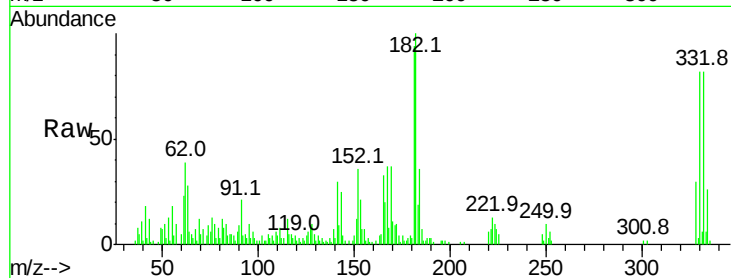




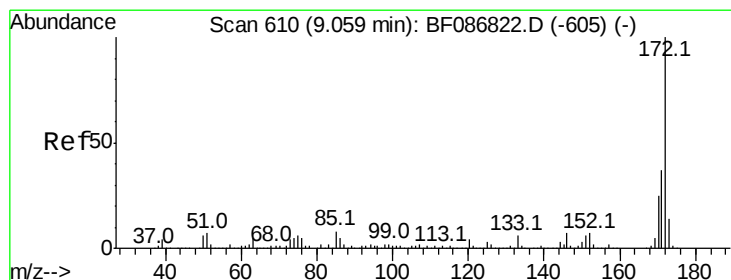
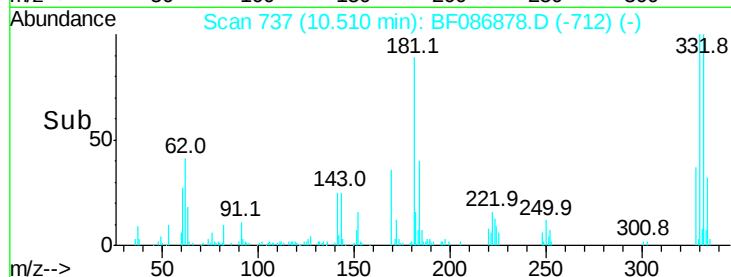
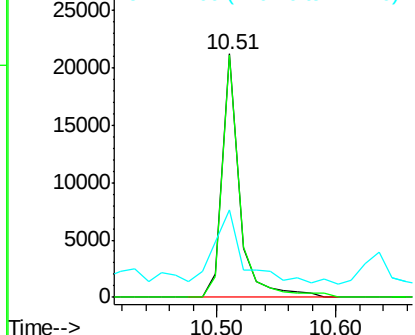
#41
 2,4,6-Tribromophenol
 Concen: 7.01 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF086878.D
 Acq: 11 May 2016 3:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 21325
 Ion Ratio Lower Upper
 330 100
 332 99.7 79.0 118.4
 141 51.3 31.2 46.8#

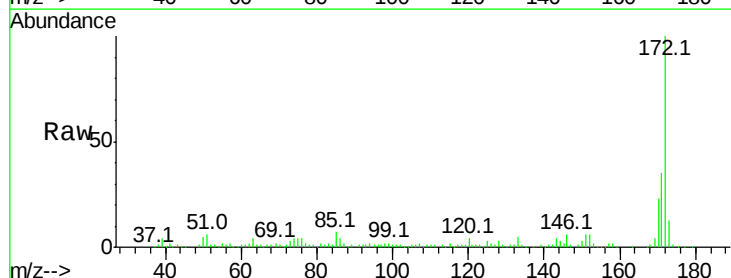


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

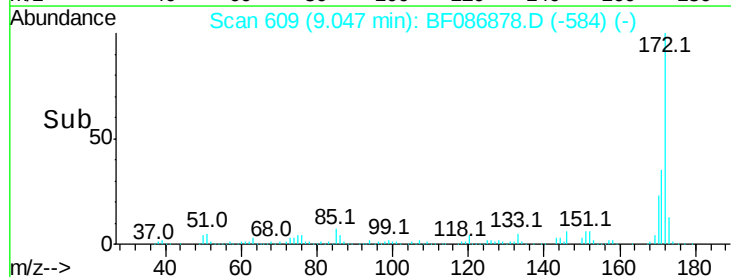
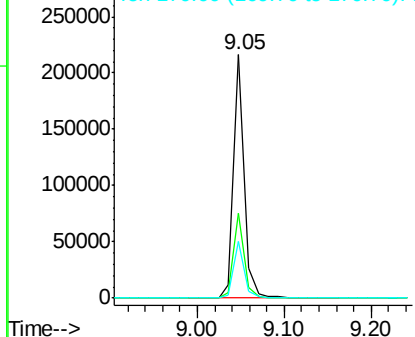


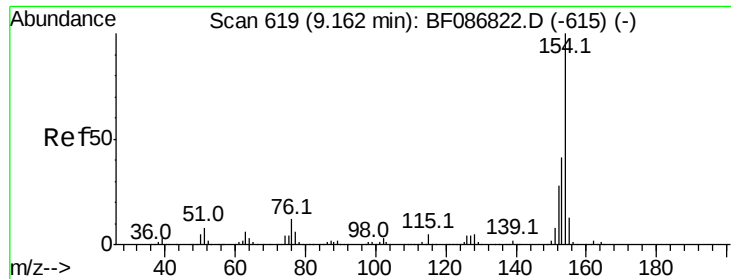
#44
 2-Fluorobiphenyl
 Concen: 10.67 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF086878.D
 Acq: 11 May 2016 3:45

Tgt Ion:172 Resp: 182358
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.0 43.6
 170 23.4 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





#45

1,1'-Biphenyl

Concen: 13.97 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.01 min

Lab File: BF086878.D

Acq: 11 May 2016 3:45

Instrument :

BNA_F

ClientSampled :

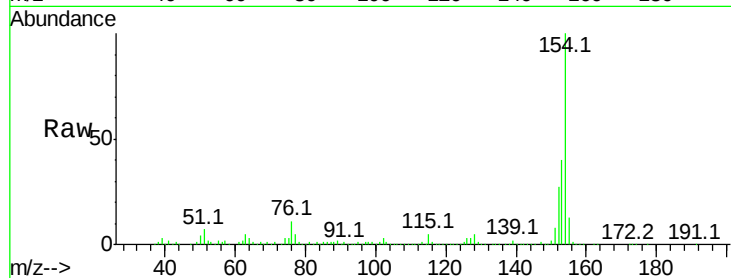
Tot Ion:154 Resp: 319088

Ion Ratio Lower Upper

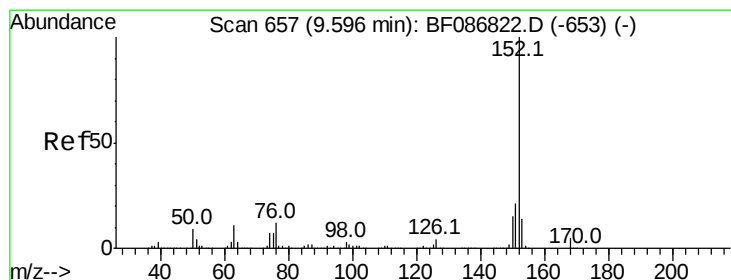
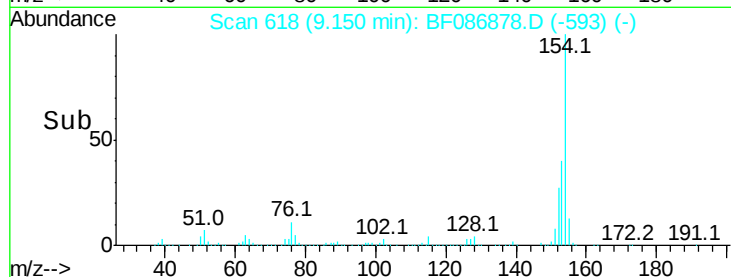
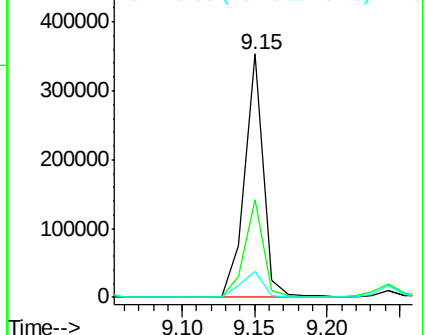
154 100

153 39.9 20.3 60.3

76 10.6 0.0 30.2



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: 33.94 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF086878.D

Acq: 11 May 2016 3:45

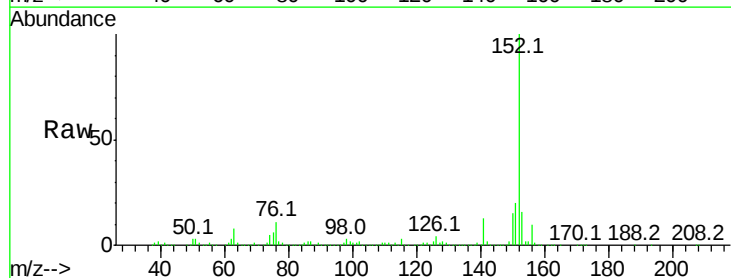
Tgt Ion:152 Resp: 893281

Ion Ratio Lower Upper

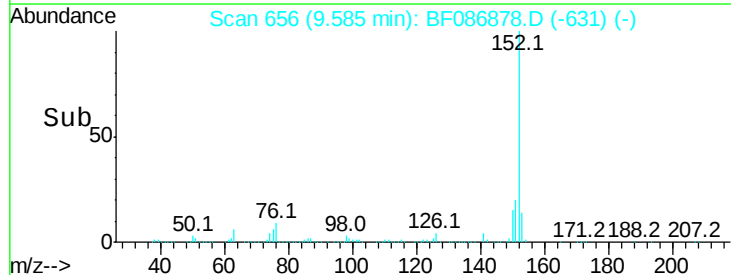
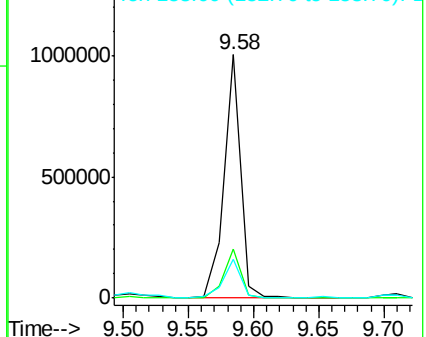
152 100

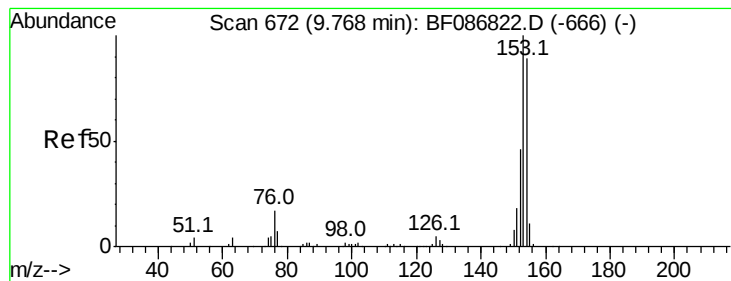
151 20.4 16.8 25.2

153 15.8 10.9 16.3



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





#51

Acenaphthene

Concen: 27.89 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF086878.D

Acq: 11 May 2016 3:45

Instrument :

BNA_F

ClientSampleId :

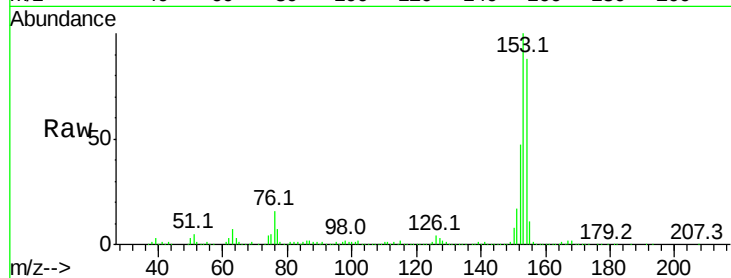
Tot Ion:154 Resp: 456673

Ion Ratio Lower Upper

154 100

153 114.0 89.8 134.6

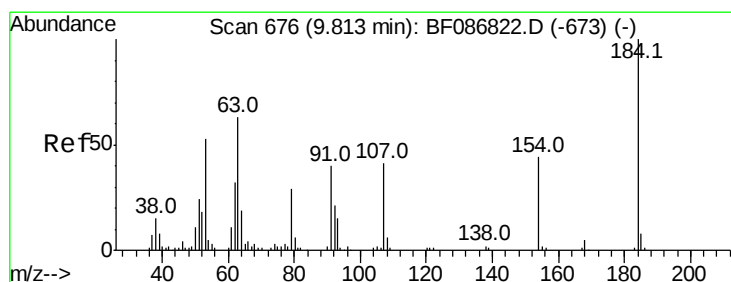
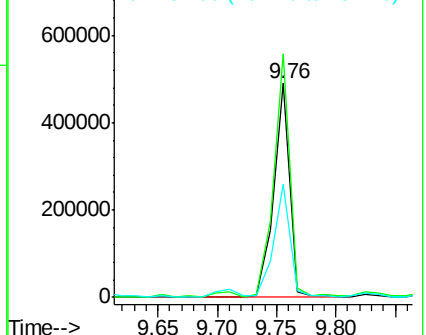
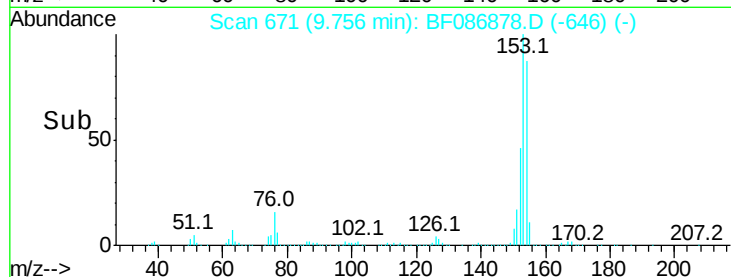
152 53.1 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

2,4-Dinitrophenol

Concen: 7.77 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF086878.D

Acq: 11 May 2016 3:45

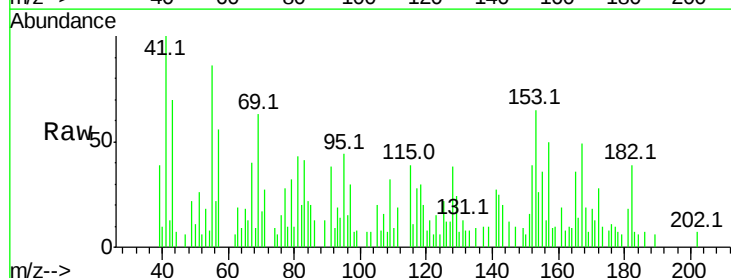
Tgt Ion:184 Resp: 215

Ion Ratio Lower Upper

184 100

63 339.0 55.8 83.8#

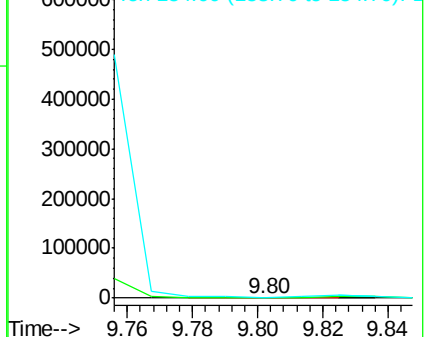
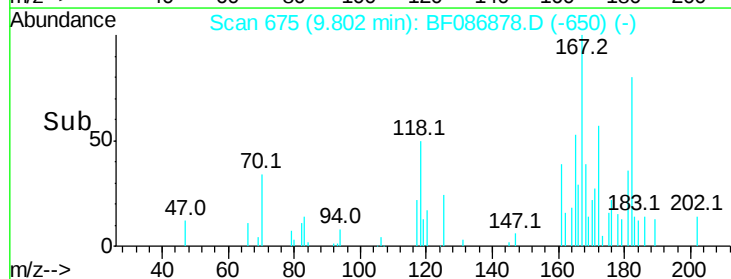
154 449.2 62.4 93.6#

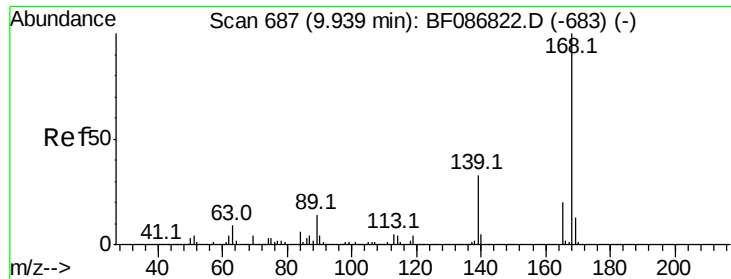


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

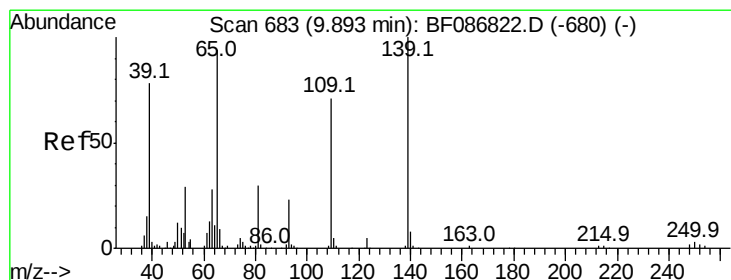
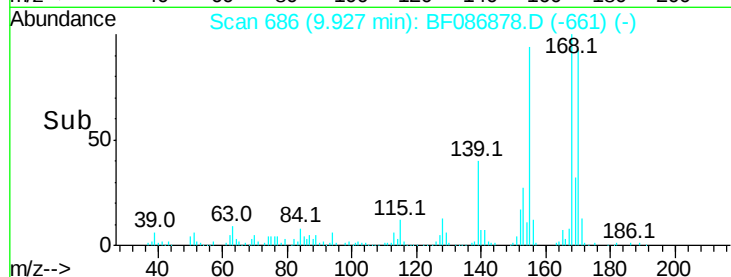
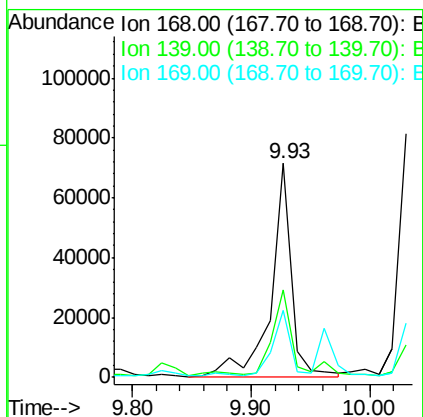
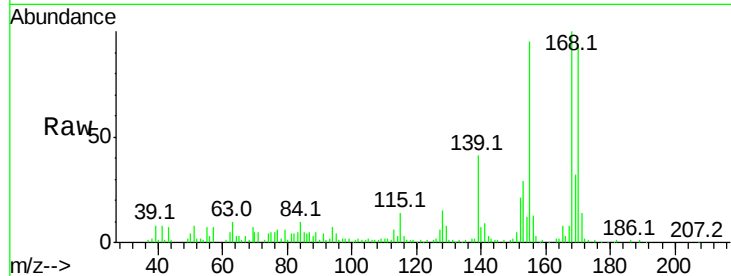




#54
Dibenzofuran
Concen: 4.02 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

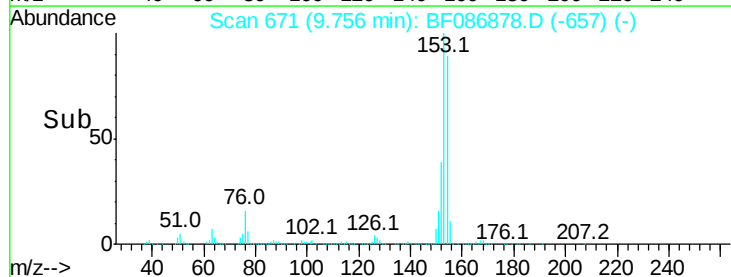
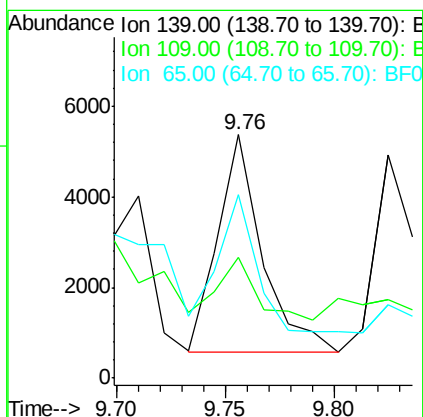
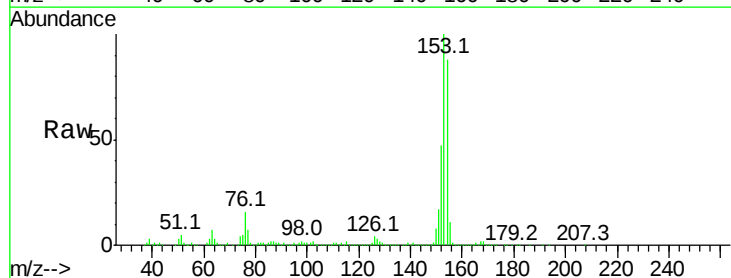
Instrument :
BNA_F
ClientSampleId :

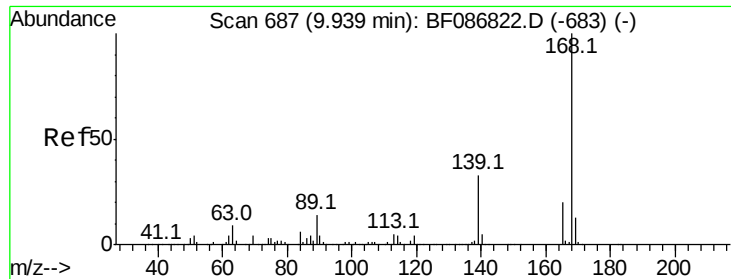
Tot Ion:168 Resp: 84421
Ion Ratio Lower Upper
168 100
139 40.9 31.4 47.0
169 31.6 10.7 16.1#



#55
4-Nitrophenol
Concen: 6.55 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.14 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Tgt Ion:139 Resp: 6834
Ion Ratio Lower Upper
139 100
109 49.6 36.9 76.9
65 75.3 64.0 104.0





#56

2,4-Dinitrotoluene

Concen: 2.15 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.03 min

Lab File: BF086878.D

Acq: 11 May 2016 3:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 12268

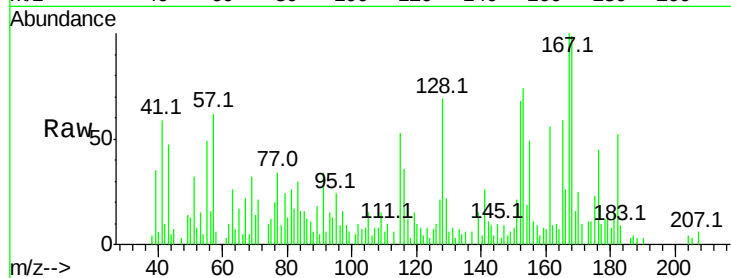
Ion Ratio Lower Upper

165 100

63 43.6 44.3 66.5#

89 30.3 70.0 105.0#

182 87.8 1.8 2.6#

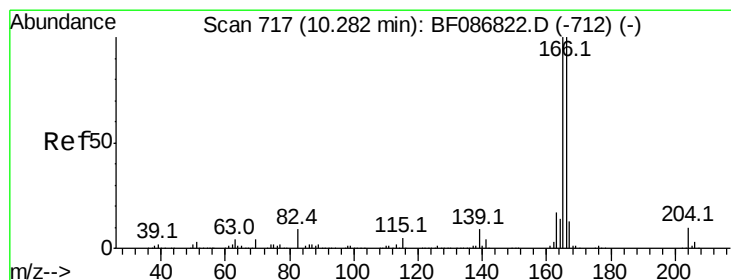
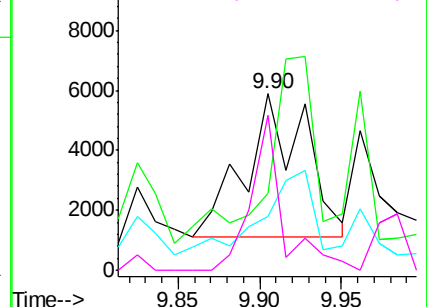
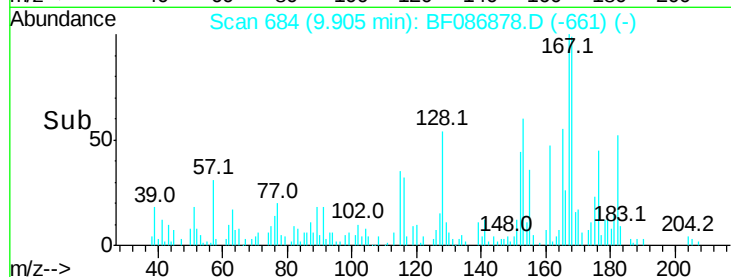


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 35.38 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF086878.D

Acq: 11 May 2016 3:45

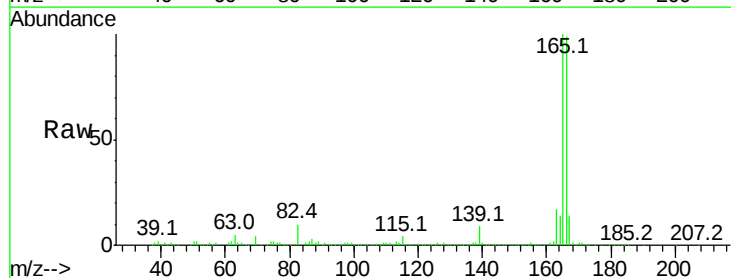
Tgt Ion:166 Resp: 634136

Ion Ratio Lower Upper

166 100

165 100.7 79.0 118.6

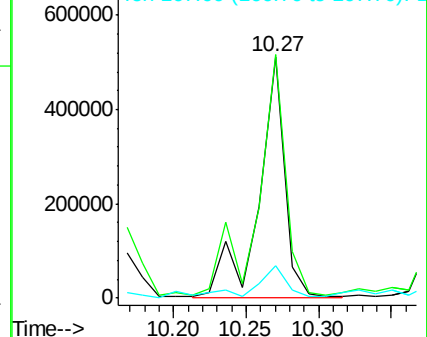
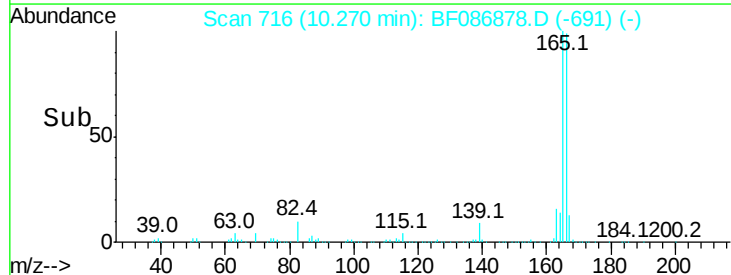
167 13.6 10.6 15.8

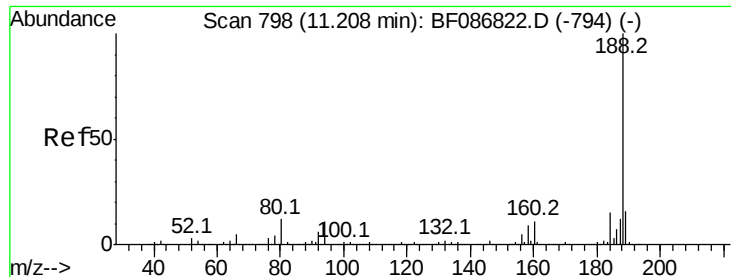


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

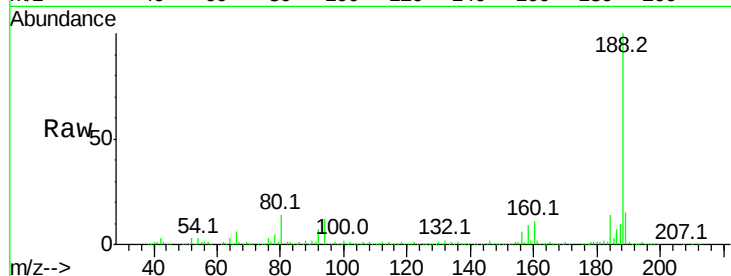




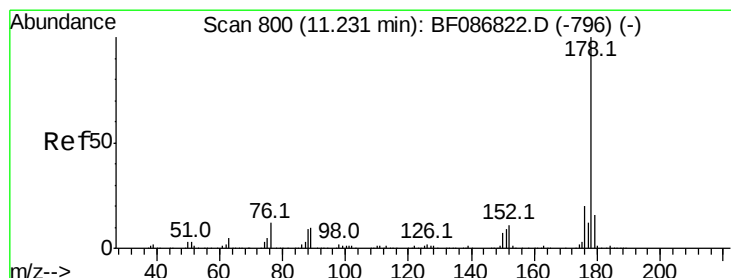
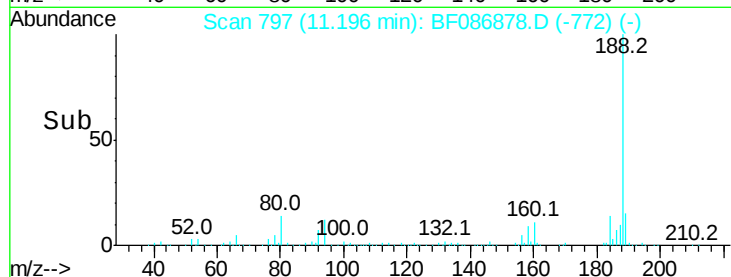
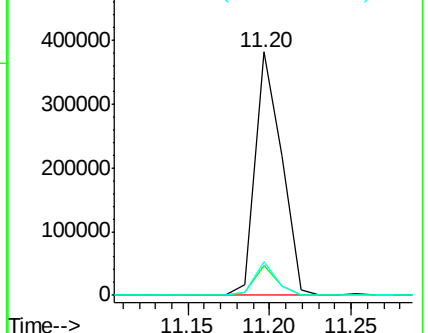
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 433276
Ion Ratio Lower Upper
188 100
94 12.3 6.8 10.2#
80 13.8 7.1 10.7#

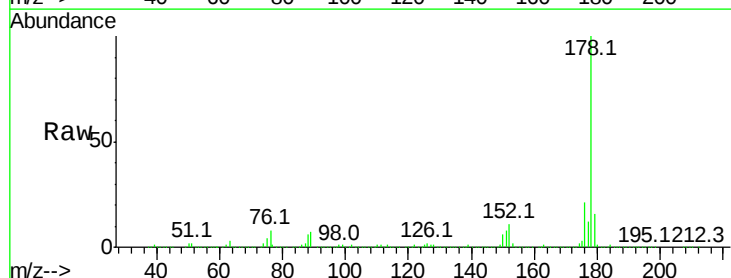


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

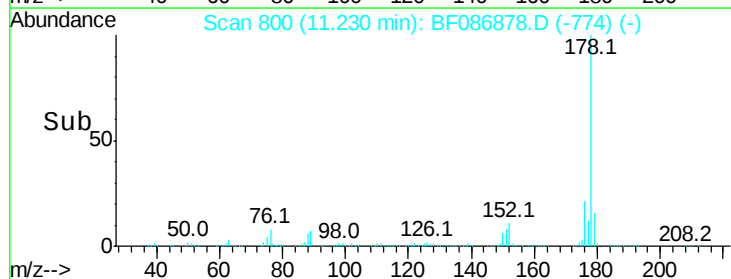
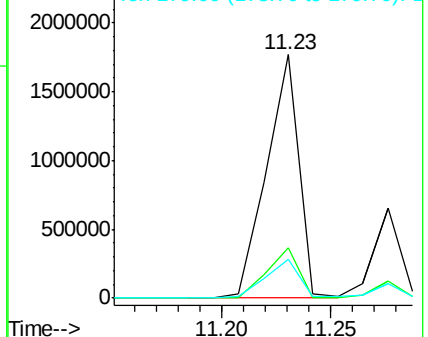


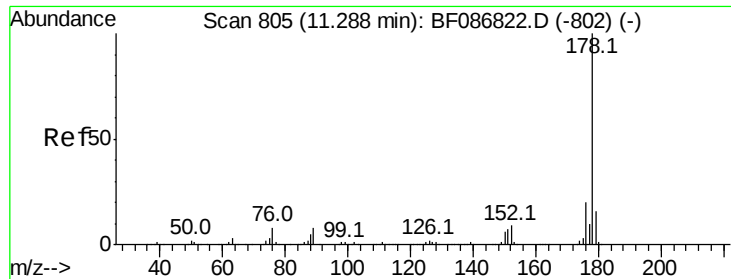
#70
Phenanthrene
Concen: 79.67 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Tgt Ion:178 Resp: 1842054
Ion Ratio Lower Upper
178 100
176 20.6 16.0 24.0
179 15.8 12.6 18.8



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

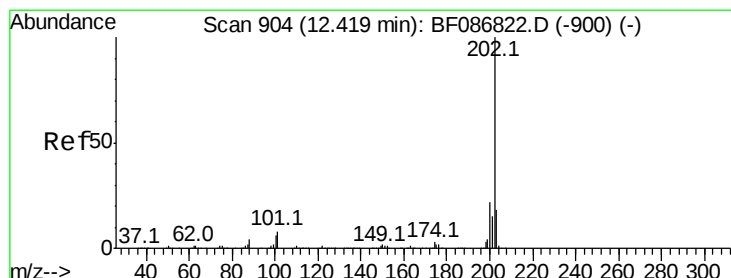
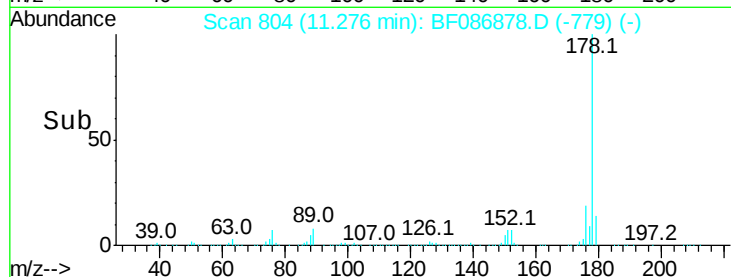
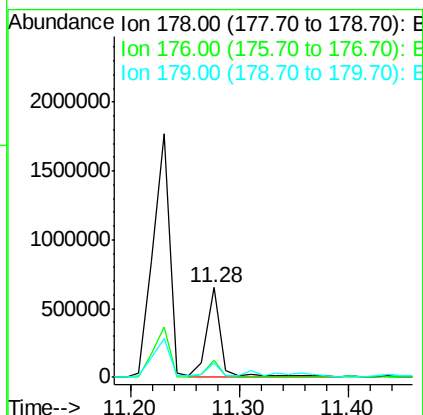
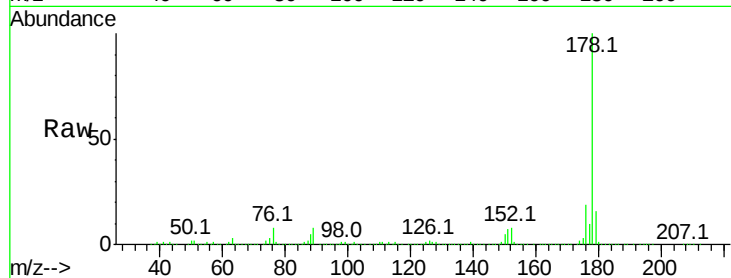




#71
 Anthracene
 Concen: 25.59 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF086878.D
 Acq: 11 May 2016 3:45

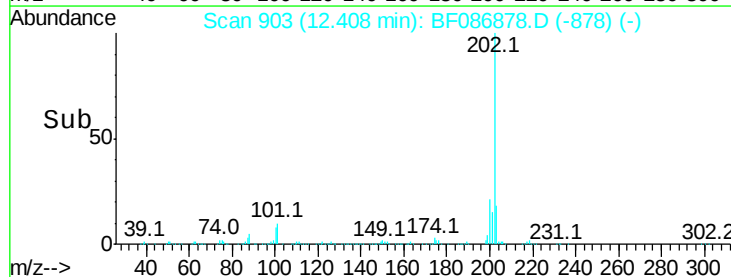
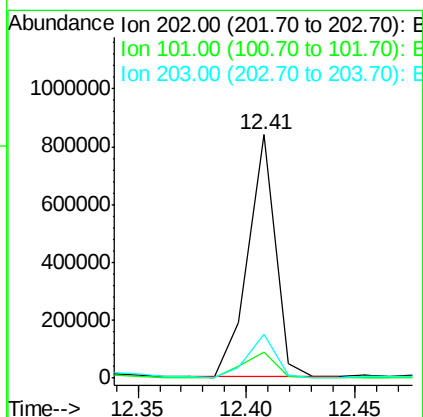
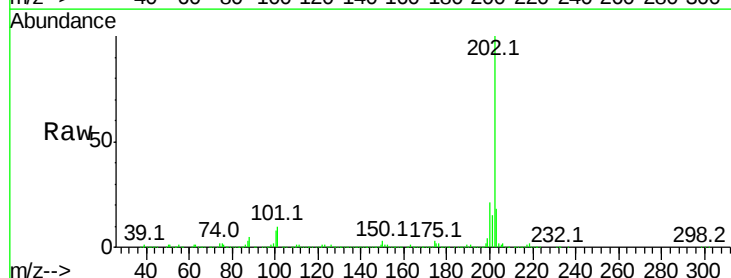
Instrument :
 BNA_F
 ClientSampleId :

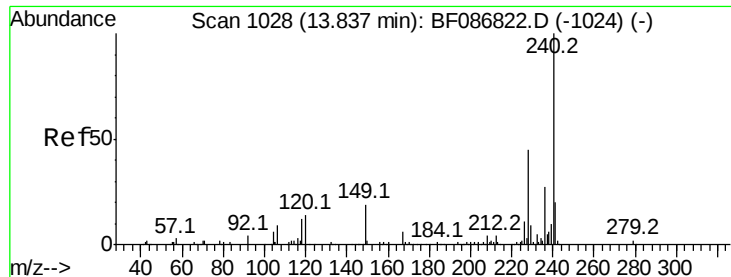
Tot Ion:178 Resp: 605071
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.6 23.4
 179 15.5 12.7 19.1



#74
 Fluoranthene
 Concen: 30.99 ng
 RT: 12.41 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF086878.D
 Acq: 11 May 2016 3:45

Tgt Ion:202 Resp: 737107
 Ion Ratio Lower Upper
 202 100
 101 10.4 0.0 35.4
 203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.82 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF086878.D

Acq: 11 May 2016 3:45

Instrument :

BNA_F

ClientSampleId :

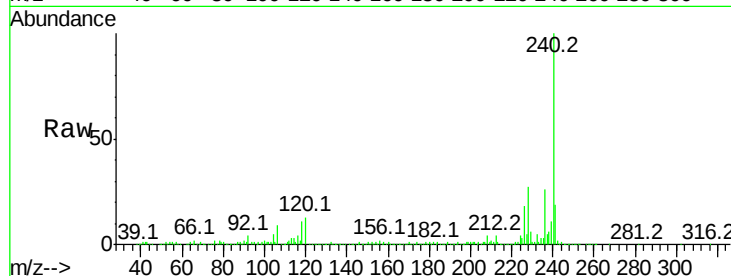
Tot Ion:240 Resp: 356216

Ion Ratio Lower Upper

240 100

120 12.8 11.2 16.8

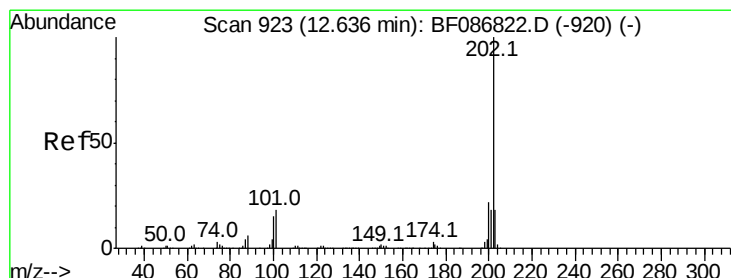
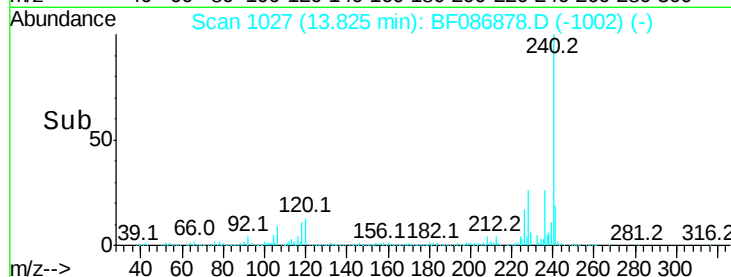
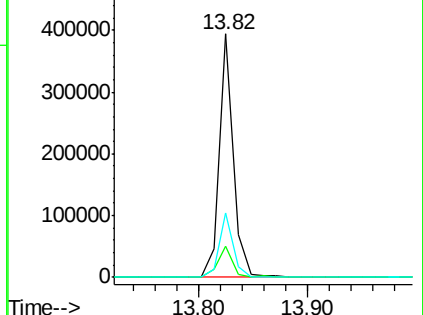
236 26.4 21.2 31.8



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: 38.58 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.00 min

Lab File: BF086878.D

Acq: 11 May 2016 3:45

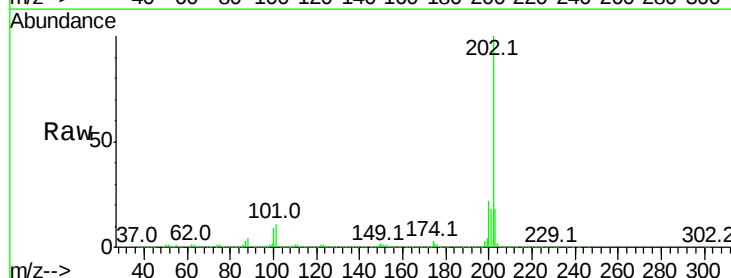
Tgt Ion:202 Resp: 1052204

Ion Ratio Lower Upper

202 100

200 21.9 17.7 26.5

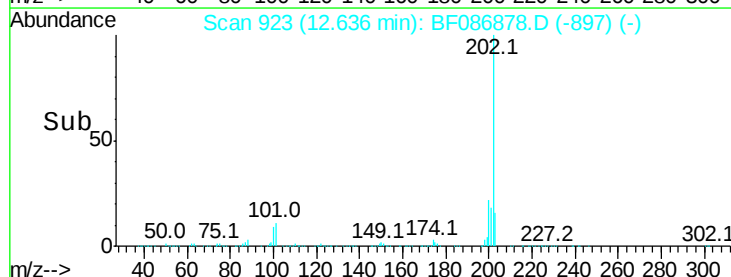
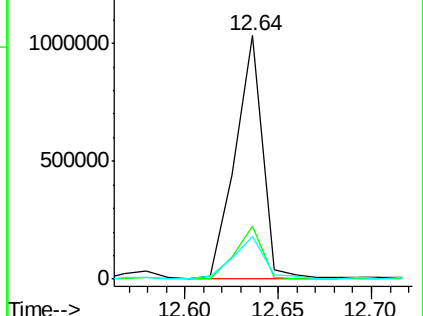
203 17.5 14.2 21.4

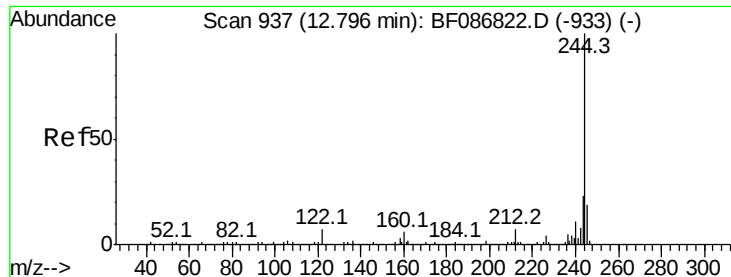


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 7.11 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF086878.D

Acq: 11 May 2016 3:45

Instrument :

BNA_F

ClientSampleId :

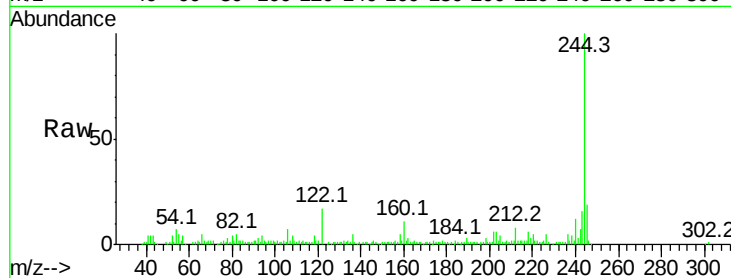
Tot Ion:244 Resp: 119319

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

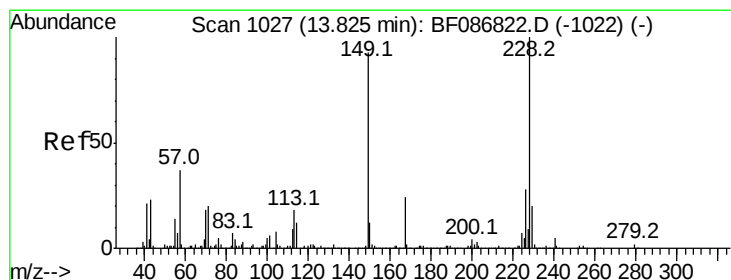
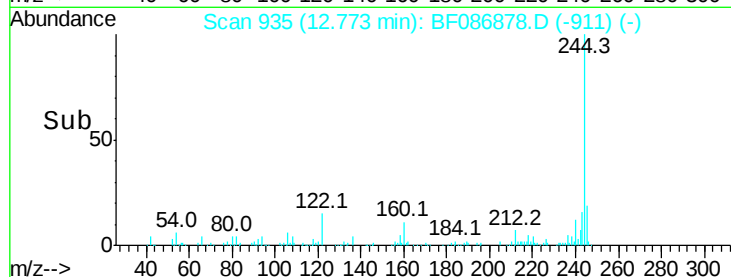
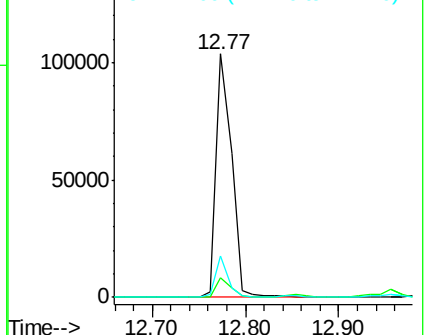
122 17.1 12.0 18.0



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: 13.02 ng

RT: 13.85 min Scan# 1029

Delta R.T. 0.02 min

Lab File: BF086878.D

Acq: 11 May 2016 3:45

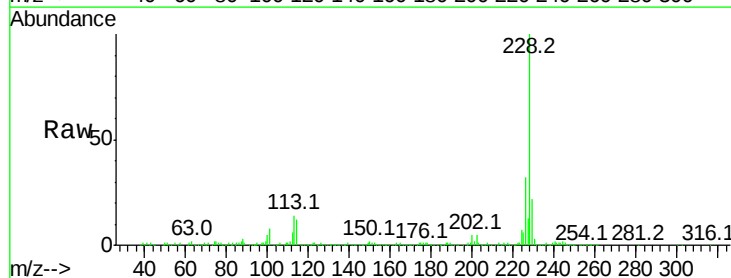
Tgt Ion:228 Resp: 260294

Ion Ratio Lower Upper

228 100

226 31.5 22.5 33.7

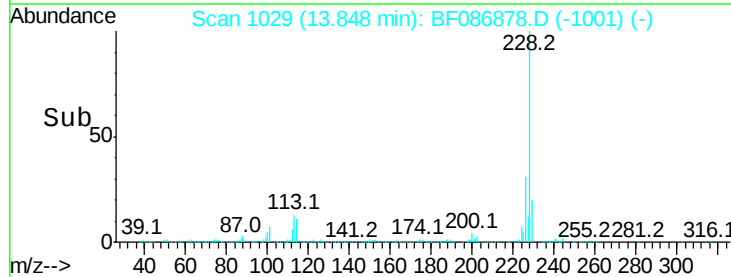
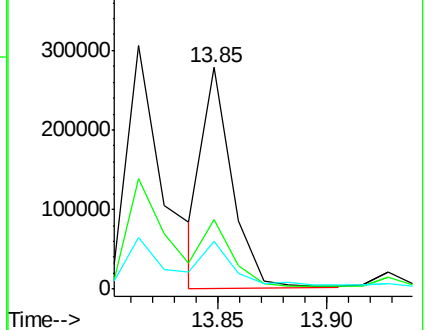
229 21.7 16.6 25.0

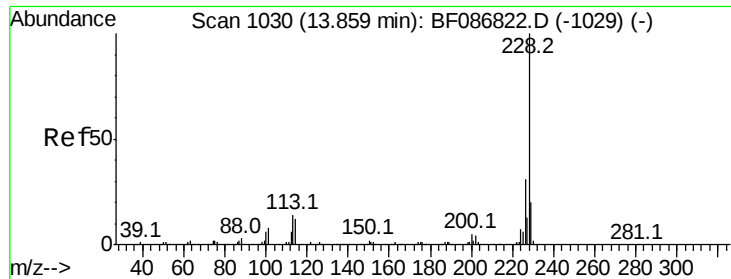


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 12.83 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF086878.D

Acq: 11 May 2016 3:45

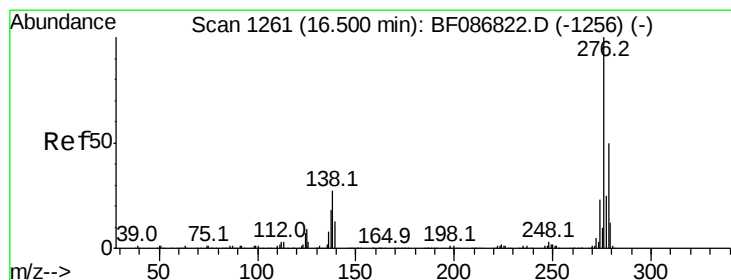
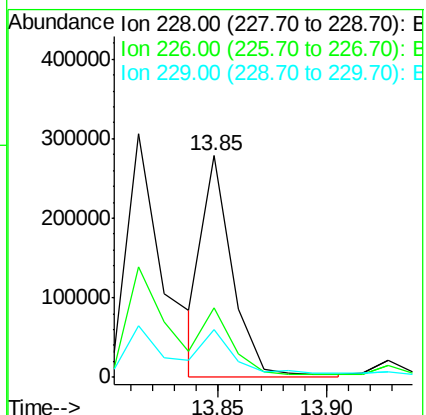
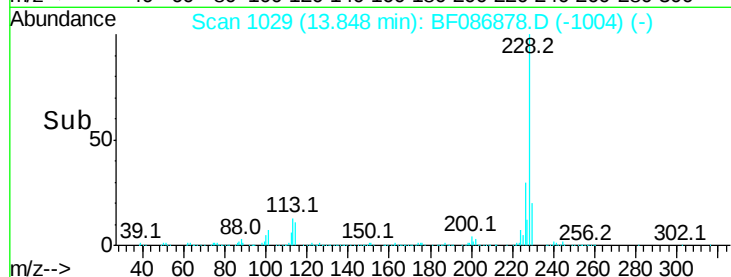
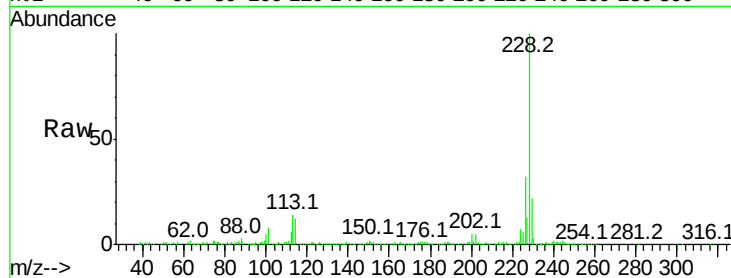
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 261000

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.4	36.6
229	21.7	15.8	23.8



#85

Indeno(1,2,3-cd)pyrene

Concen: 5.75 ng

RT: 16.49 min Scan# 1260

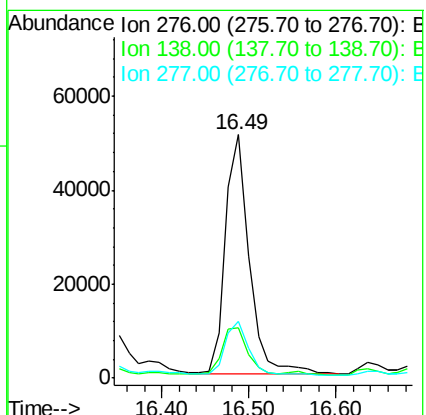
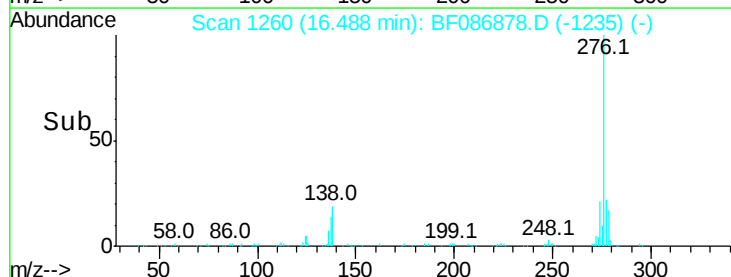
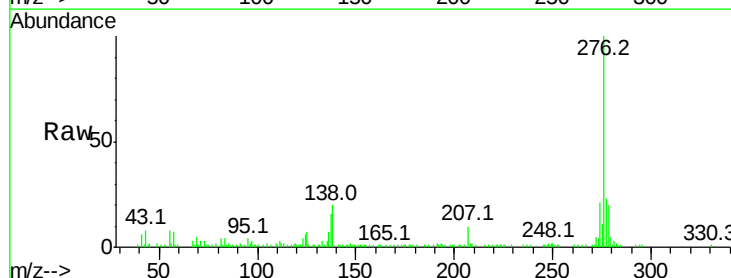
Delta R.T. -0.01 min

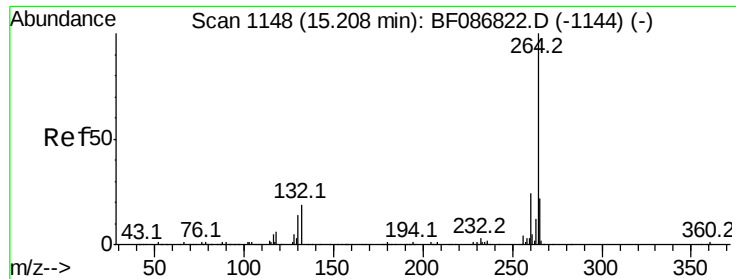
Lab File: BF086878.D

Acq: 11 May 2016 3:45

Tgt Ion:276 Resp: 97259

Ion	Ratio	Lower	Upper
276	100		
138	21.1	25.6	38.4#
277	23.0	20.5	30.7

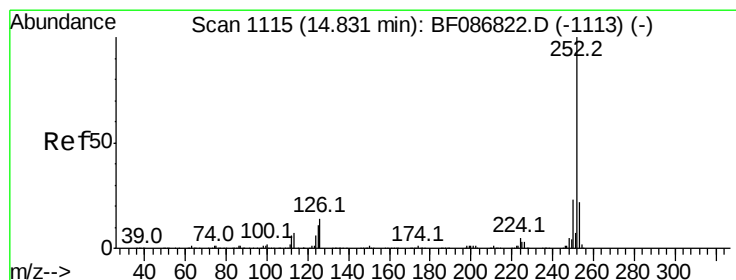
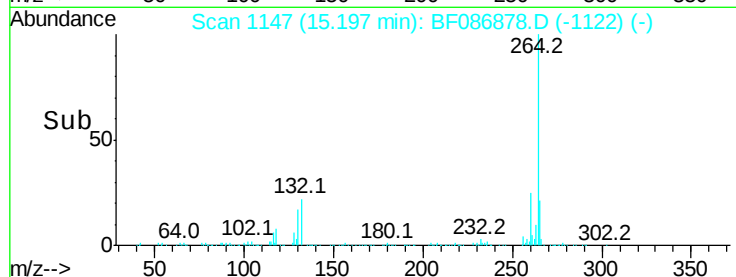
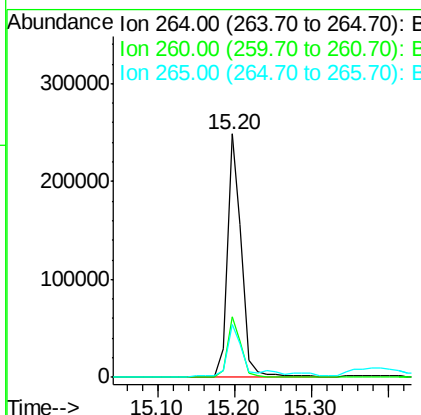
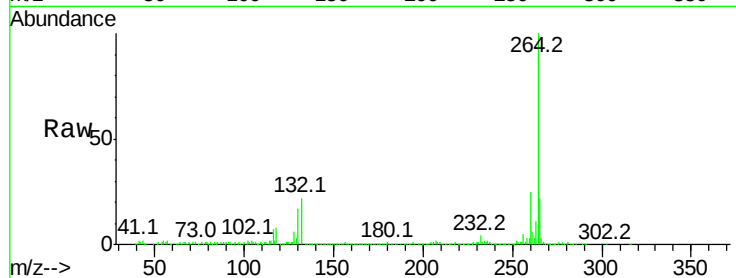




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

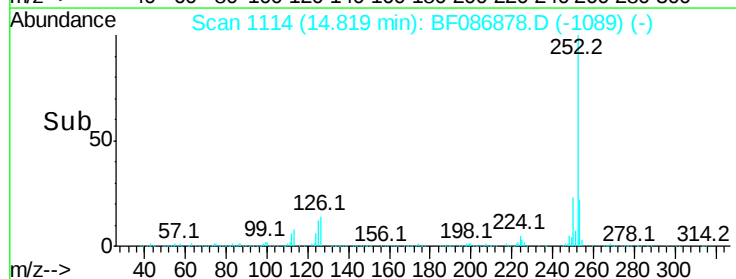
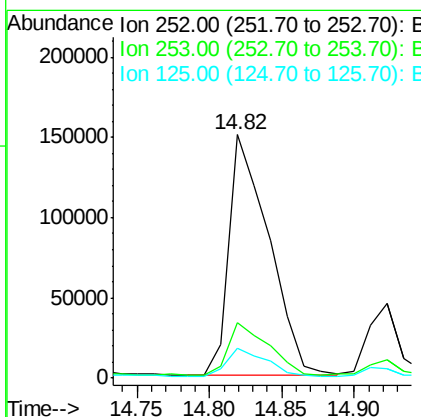
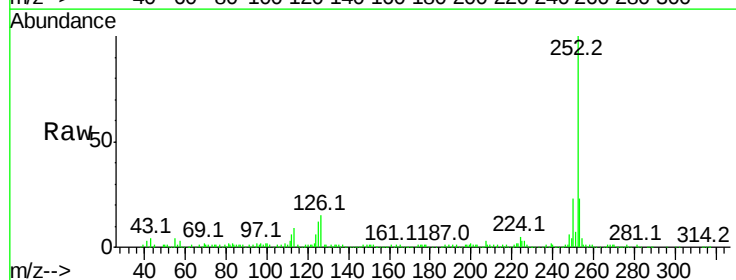
Instrument :
BNA_F
ClientSampleId :

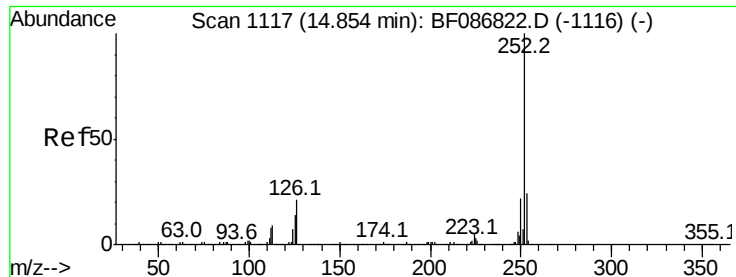
Tot Ion:264 Resp: 324249
Ion Ratio Lower Upper
264 100
260 24.7 19.5 29.3
265 21.8 17.3 25.9



#87
Benzo(b)fluoranthene
Concen: 13.56 ng
RT: 14.82 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BF086878.D
Acq: 11 May 2016 3:45

Tgt Ion:252 Resp: 285781
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 12.5 11.4 17.0





#88

Benzo(k)fluoranthene

Concen: 16.56 ng

RT: 14.82 min Scan# 1114

Delta R.T. -0.03 min

Lab File: BF086878.D

Acq: 11 May 2016 3:45

Instrument :

BNA_F

ClientSampleId :

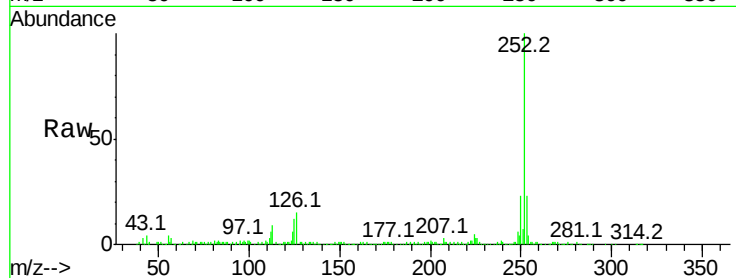
Tot Ion:252 Resp: 285781

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.6

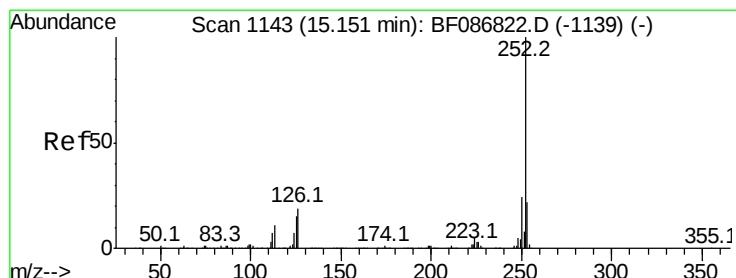
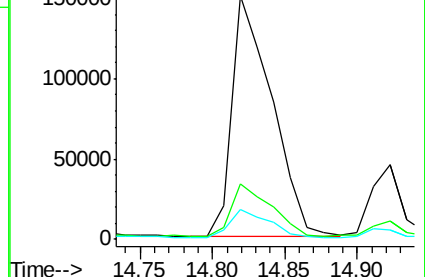
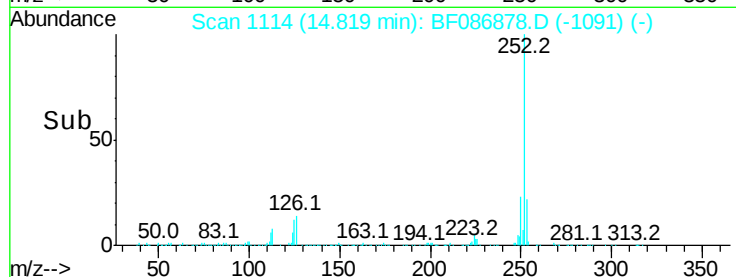
125 12.5 9.1 13.7



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



#89

Benzo(a)pyrene

Concen: 7.43 ng

RT: 15.09 min Scan# 1138

Delta R.T. -0.06 min

Lab File: BF086878.D

Acq: 11 May 2016 3:45

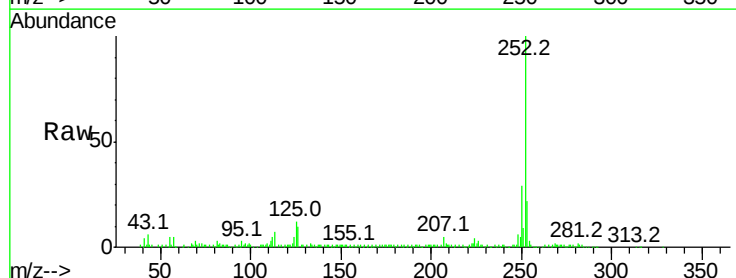
Tgt Ion:252 Resp: 135024

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

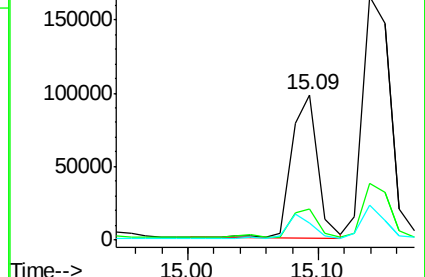
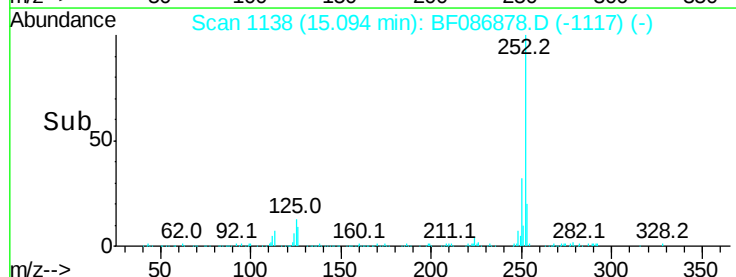
125 11.7 9.0 13.6

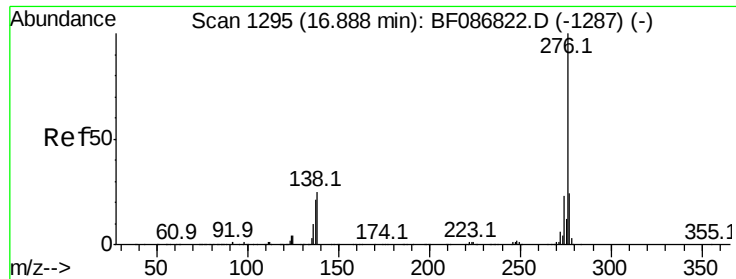


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 7.19 ng
 RT: 16.87 min Scan# 1293
 Delta R.T. -0.02 min
 Lab File: BF086878.D
 Acq: 11 May 2016 3:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.6	29.4
138	24.7	23.6	35.4

