

Data Path : Z:\HPCHEM1\BNA_F\Data\BF071315\
 Data File : BF080458.D
 Acq On : 14 Jul 2015 9:59
 Operator : TP/UM
 Sample : G2957-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Quant Time: Jul 14 12:08:26 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 11 05:35:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.14	152	18817	20.00	ng	-0.01
21) Naphthalene-d8	8.42	136	83629	20.00	ng	-0.01
38) Acenaphthene-d10	10.18	164	44929	20.00	ng	-0.01
63) Phenanthrene-d10	11.66	188	90435	20.00	ng	-0.02
75) Chrysene-d12	14.52	240	117760	20.00	ng	-0.01
86) Perylene-d12	16.28	264	113024	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.77	112	128832	117.33	ng	-0.02
7) Phenol-d6	6.77	99	165766	113.31	ng	-0.02
23) Nitrobenzene-d5	7.70	82	101450	69.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.97	330	37336	85.14	ng	-0.02
44) 2-Fluorobiphenyl	9.49	172	141666	42.47	ng	-0.01
78) Terphenyl-d14	13.30	244	178487	32.92	ng	-0.02

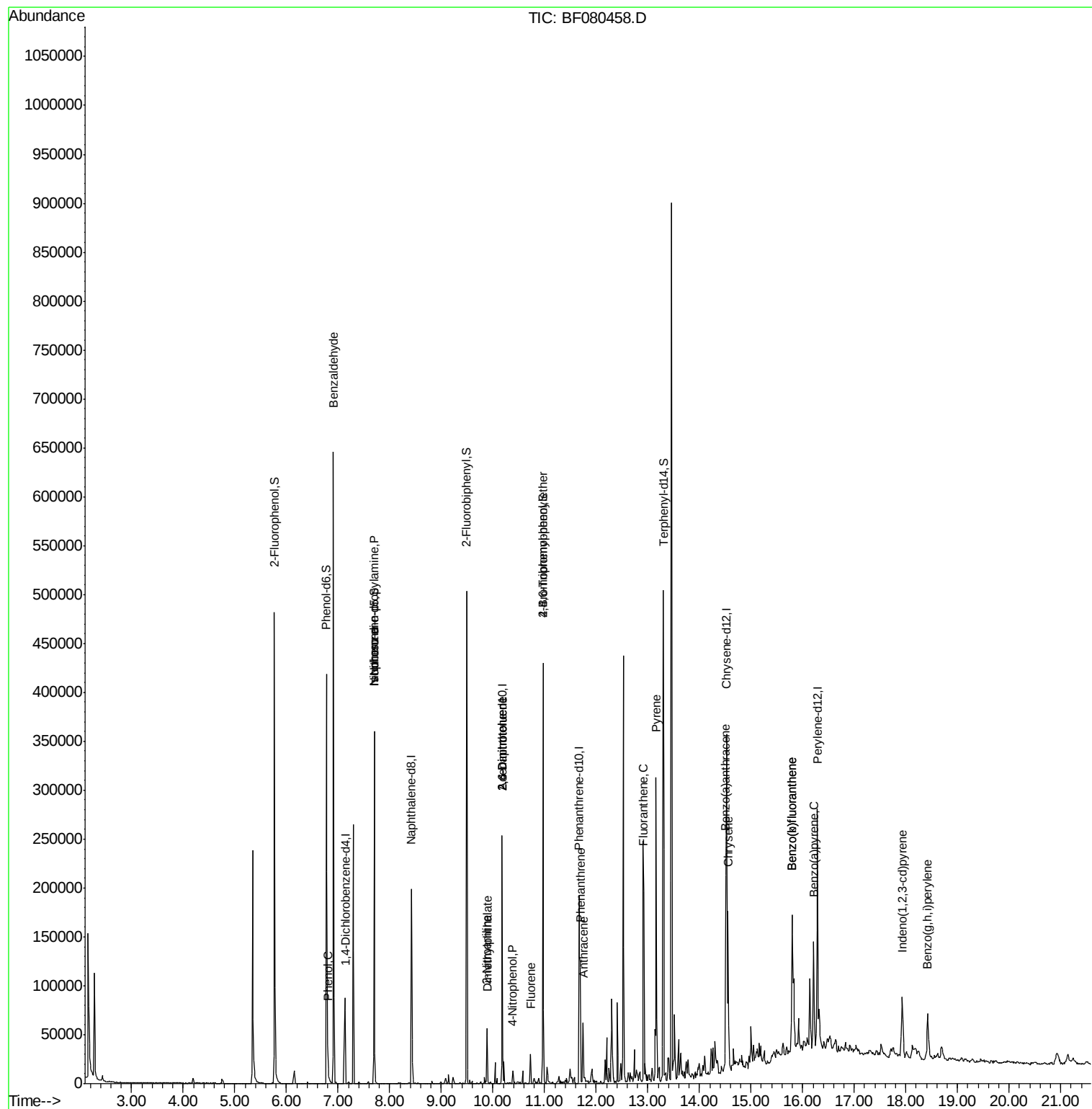
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.91	77	3386	4.18	ng	# 80
10) Phenol	6.80	94	5379	3.33	ng	94
19) n-Nitroso-di-n-propylamine	7.70	70	13121	13.11	ng	# 81
25) Isophorone	7.70	82	94967	36.14	ng	# 73
47) 2-Nitroaniline	9.88	65	291	4.93	ng	# 1
49) Dimethylphthalate	9.89	163	34987	10.30	ng	100
50) 2,6-Dinitrotoluene	10.18	165	5819	7.63	ng	# 24
55) 4-Nitrophenol	10.38	139	2184	8.36	ng	# 1
56) 2,4-Dinitrotoluene	10.18	165	5818	6.53	ng	# 9
57) Fluorene	10.73	166	8410	2.40	ng	# 99
66) 4-Bromophenyl-phenylether	10.97	248	3291	3.41	ng	# 1
70) Phenanthrene	11.70	178	71876	13.23	ng	100
71) Anthracene	11.74	178	26982	5.36	ng	99
74) Fluoranthene	12.92	202	135129	23.98	ng	98
77) Pyrene	13.16	202	124077	16.45	ng	99
80) Benzo(a)anthracene	14.51	228	83967	11.31	ng	98
82) Chrysene	14.56	228	69143	10.12	ng	97
85) Indeno(1,2,3-cd)pyrene	17.93	276	39709	4.68	ng	98
87) Benzo(b)fluoranthene	15.79	252	118305	15.07	ng	96
88) Benzo(k)fluoranthene	15.79	252	118305	18.43	ng	# 96
89) Benzo(a)pyrene	16.21	252	63607	9.25	ng	96
91) Benzo(g,h,i)perylene	18.42	276	42599	6.29	ng	99

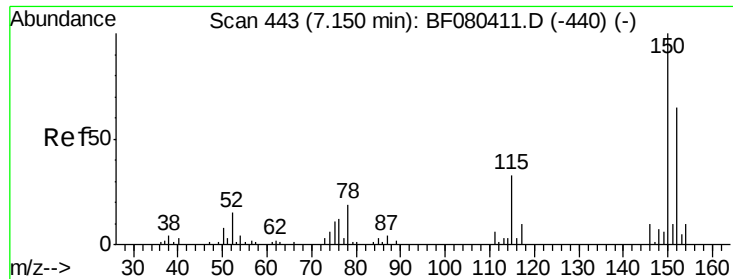
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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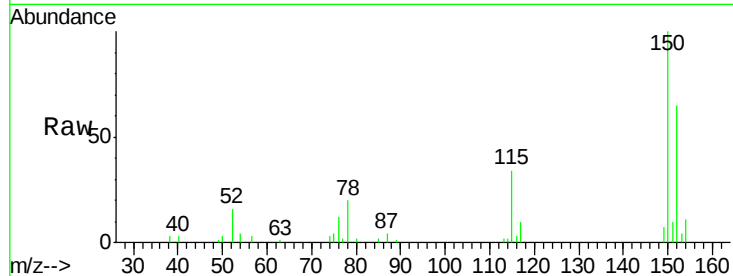


#1

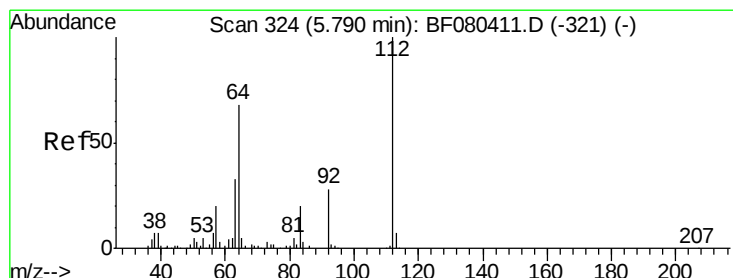
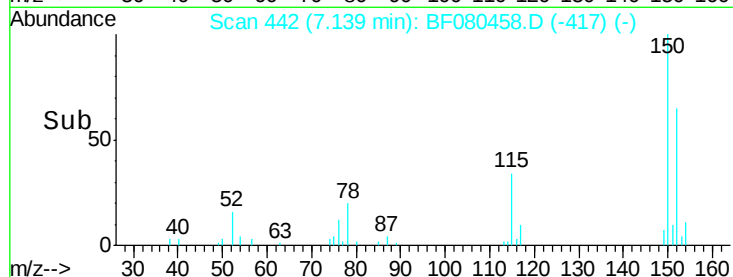
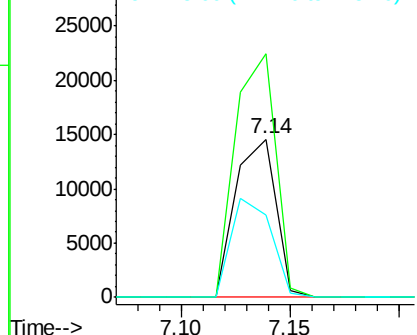
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF080458.D
Acq: 14 Jul 2015 9:59

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:152 Resp: 18817
Ion Ratio Lower Upper
152 100
150 153.7 122.3 183.5
115 52.2 41.0 61.4



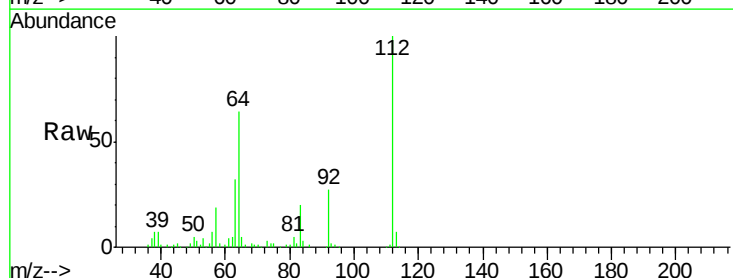
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



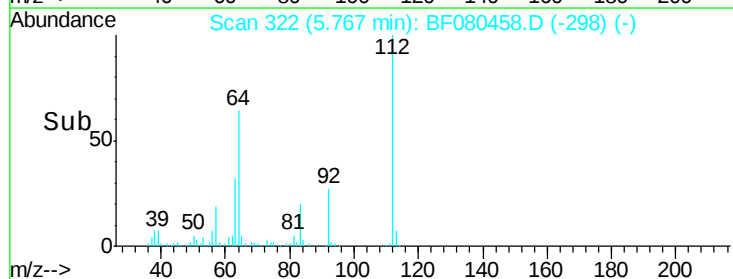
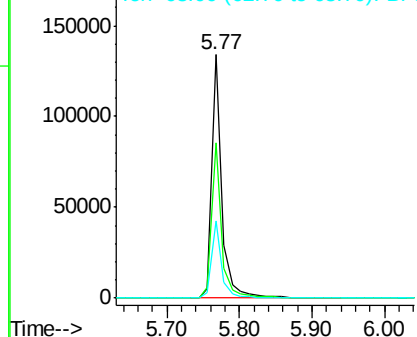
#5

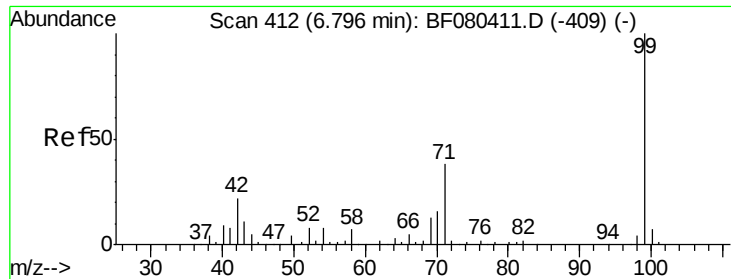
2-Fluorophenol
Concen: 117.33 ng
RT: 5.77 min Scan# 322
Delta R.T. -0.02 min
Lab File: BF080458.D
Acq: 14 Jul 2015 9:59

Tgt Ion:112 Resp: 128832
Ion Ratio Lower Upper
112 100
64 63.9 54.3 81.5
63 31.6 26.7 40.1



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: 113.31 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF080458.D

Acq: 14 Jul 2015 9:59

Instrument :

BNA_F

ClientSampleId :

SP-1

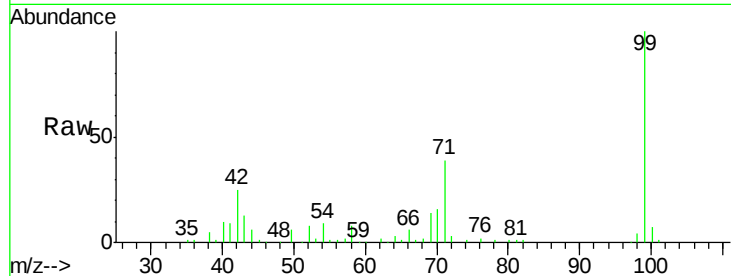
Tgt Ion: 99 Resp: 165766

Ion Ratio Lower Upper

99 100

42 25.3 17.9 26.9

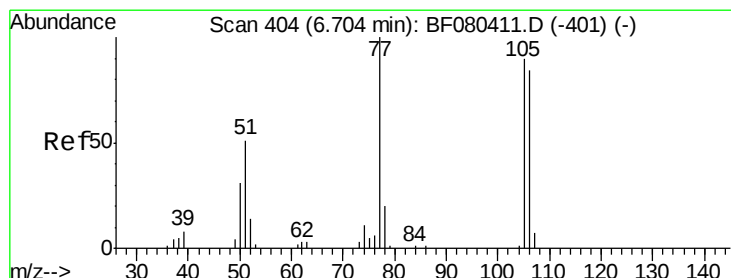
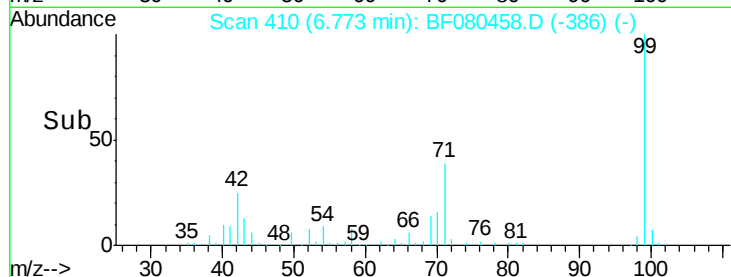
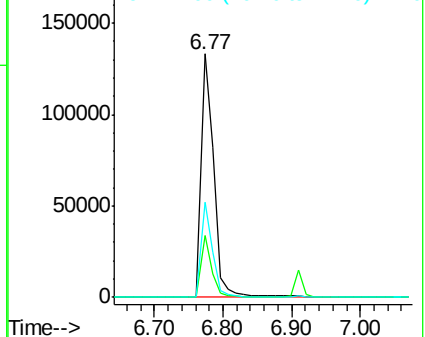
71 38.9 30.1 45.1



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: 4.18 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.21 min

Lab File: BF080458.D

Acq: 14 Jul 2015 9:59

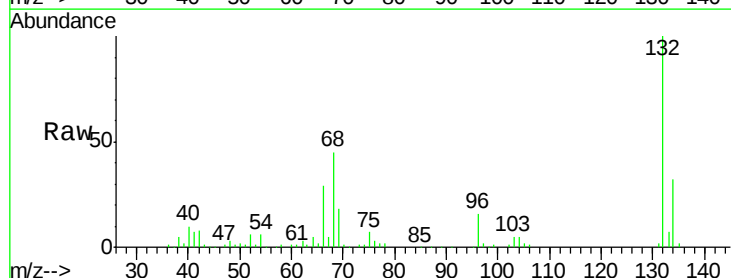
Tgt Ion: 77 Resp: 3386

Ion Ratio Lower Upper

77 100

105 75.1 69.6 109.6

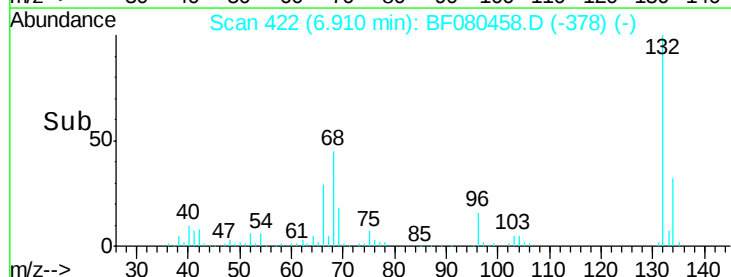
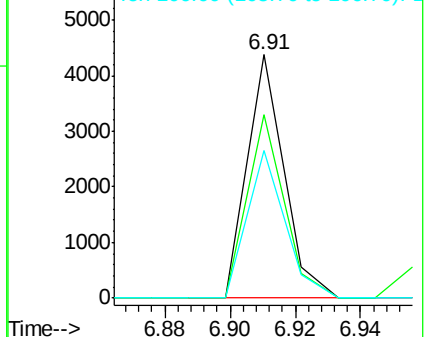
106 60.5 63.6 103.6#

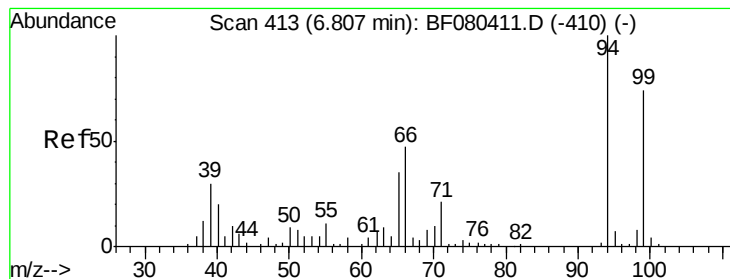


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 3.33 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.01 min

Lab File: BF080458.D

Acq: 14 Jul 2015 9:59

Instrument :

BNA_F

ClientSampled :

SP-1

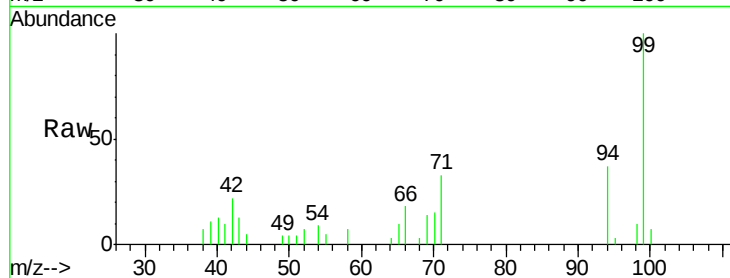
Tgt Ion: 94 Resp: 5379

Ion Ratio Lower Upper

94 100

65 28.5 15.0 55.0

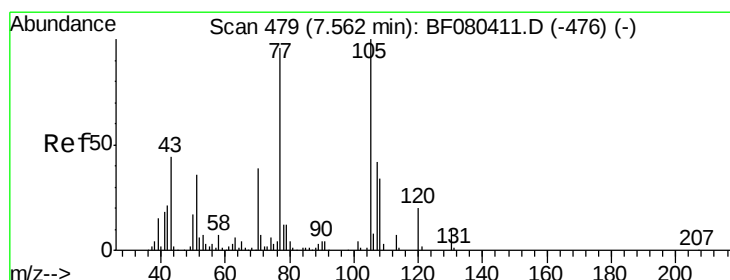
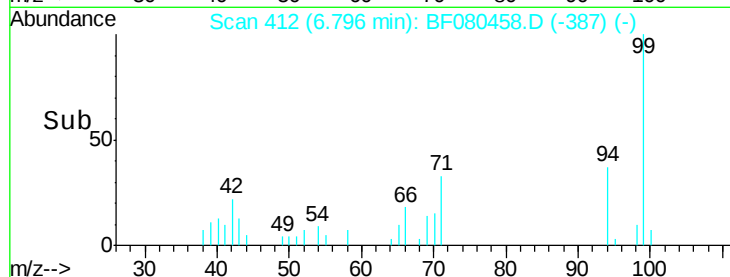
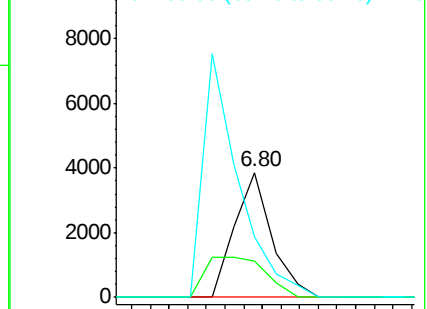
66 48.5 27.1 67.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 13.11 ng

RT: 7.70 min Scan# 491

Delta R.T. 0.14 min

Lab File: BF080458.D

Acq: 14 Jul 2015 9:59

Tgt Ion: 70 Resp: 13121

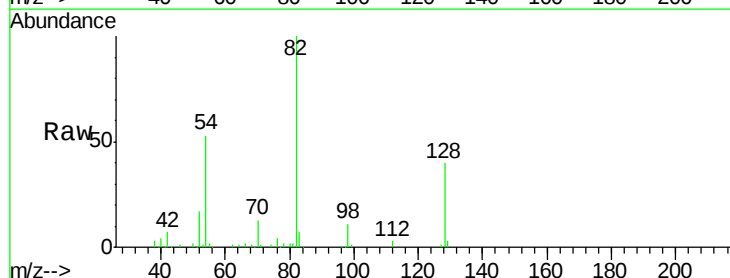
Ion Ratio Lower Upper

70 100

42 51.9 43.4 65.0

101 0.0 9.0 13.6#

130 0.0 19.5 29.3#

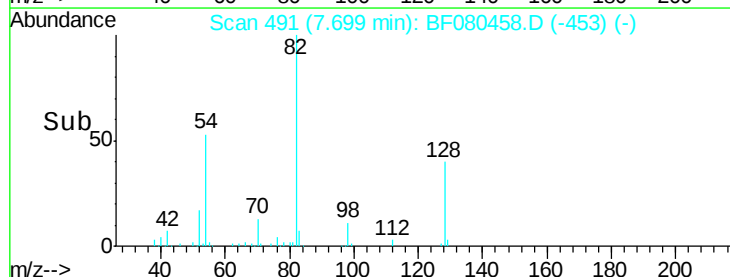
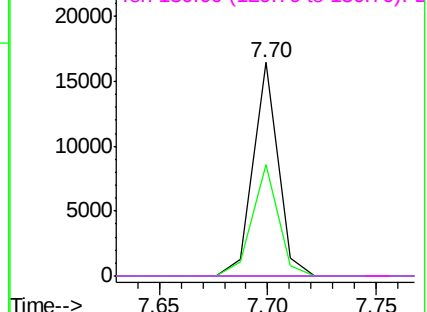


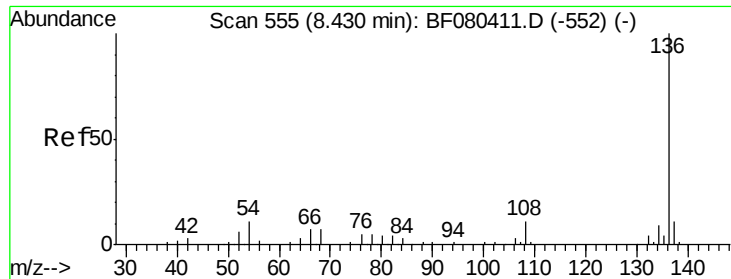
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

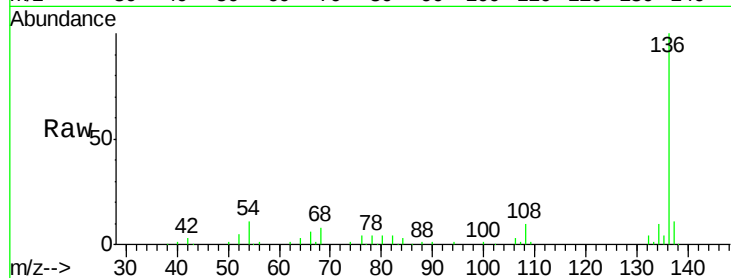




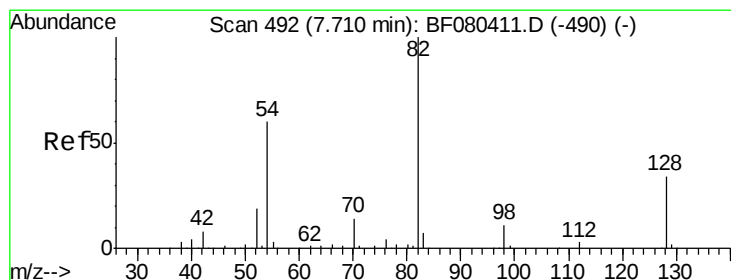
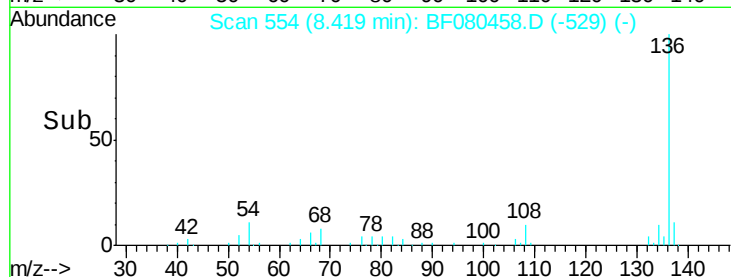
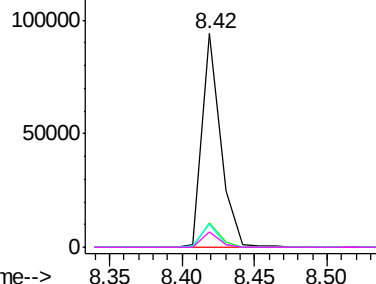
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.42 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF080458.D
Acq: 14 Jul 2015 9:59

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:	136	Resp:	83629
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	10.6	9.1	13.7
68	7.5	5.9	8.9

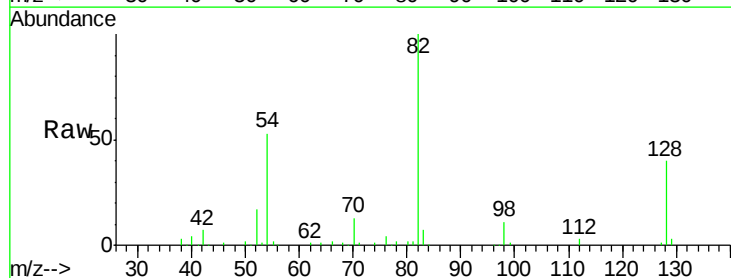


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

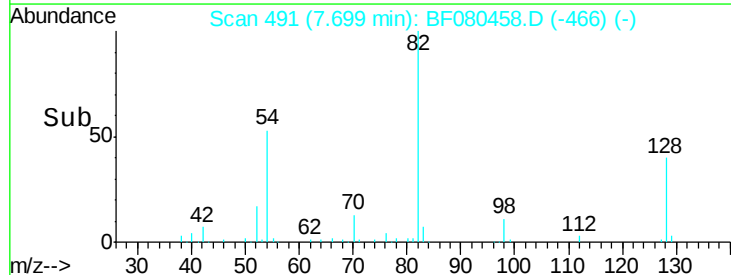
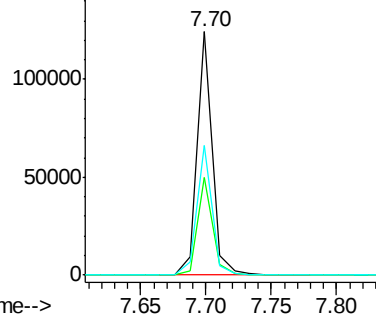


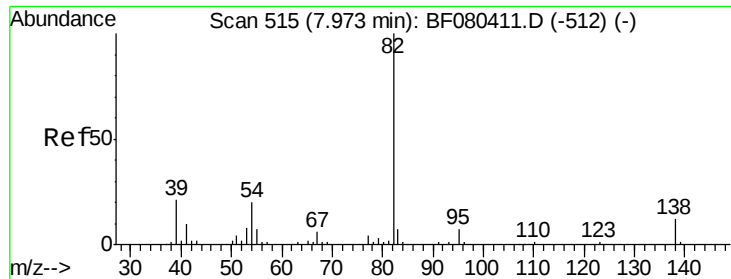
#23
Nitrobenzene-d5
Concen: 69.19 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF080458.D
Acq: 14 Jul 2015 9:59

Tgt Ion:	82	Resp:	101450
Ion	Ratio	Lower	Upper
82	100		
128	40.2	26.9	40.3
54	53.4	47.7	71.5



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

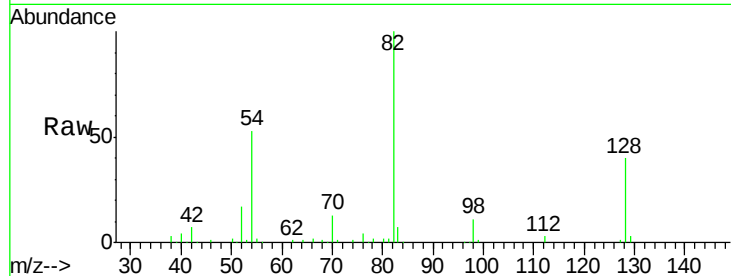




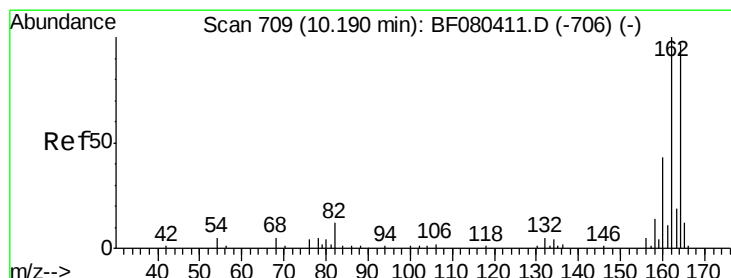
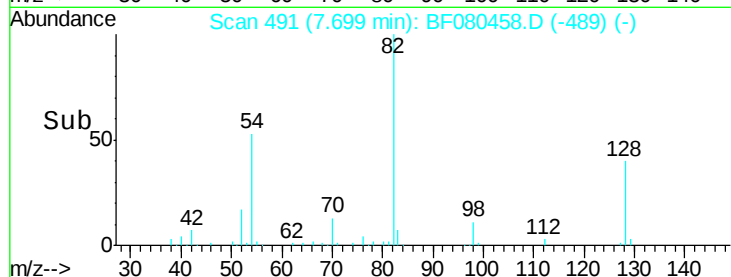
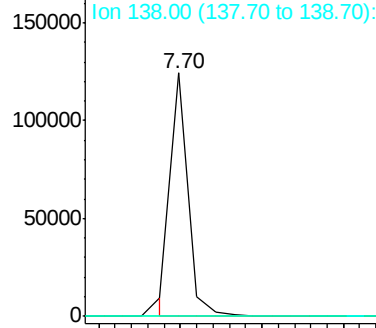
#25
Isophorone
Concen: 36.14 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.27 min
Lab File: BF080458.D
Acq: 14 Jul 2015 9:59

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion: 82 Resp: 94967
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 9.5 14.3#

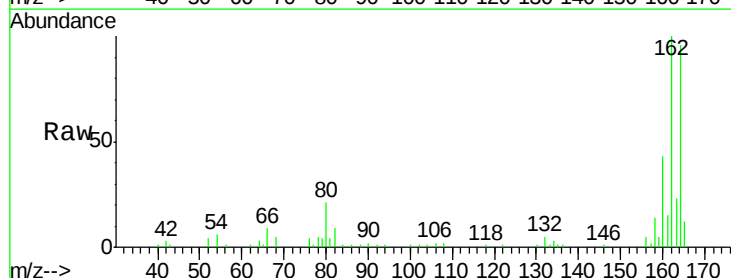


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

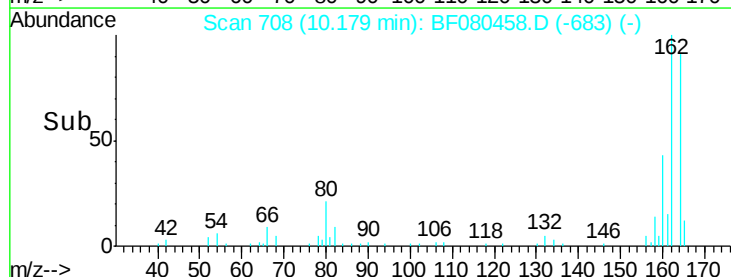
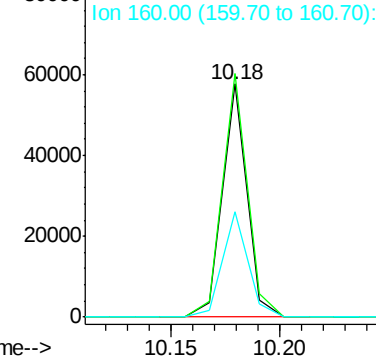


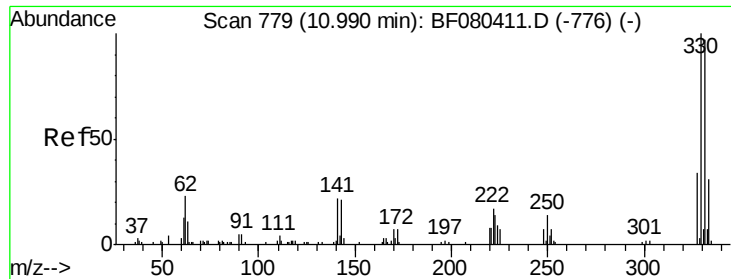
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.18 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF080458.D
Acq: 14 Jul 2015 9:59

Tgt Ion: 164 Resp: 44929
Ion Ratio Lower Upper
164 100
162 104.5 82.7 124.1
160 45.0 35.5 53.3



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

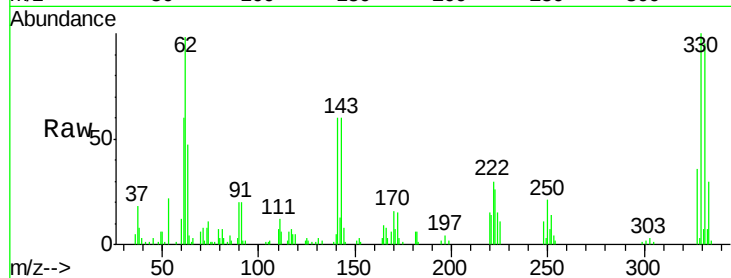




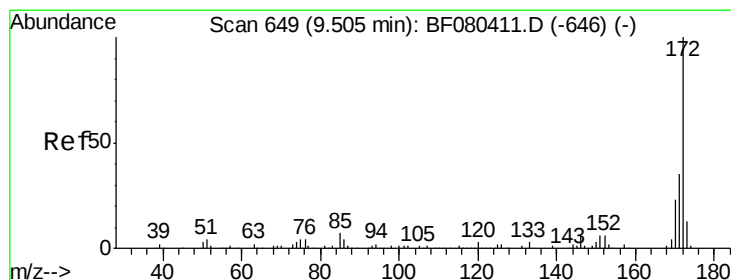
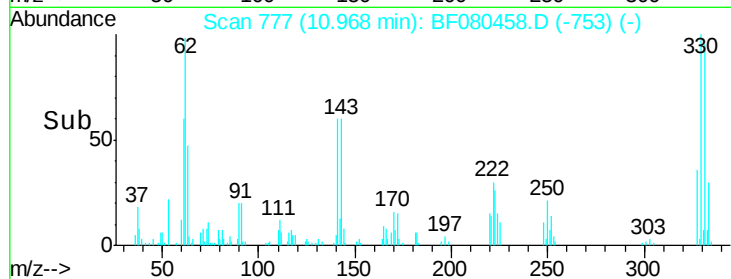
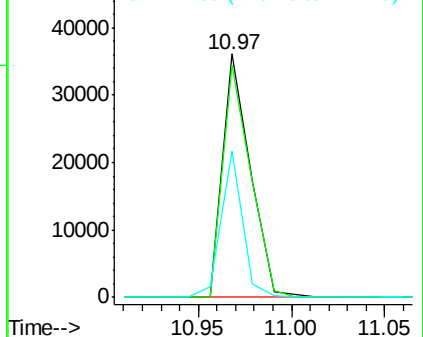
#41
 2,4,6-Tribromophenol
 Concen: 85.14 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.02 min
 Lab File: BF080458.D
 Acq: 14 Jul 2015 9:59

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Tgt Ion: 330 Resp: 37336
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.0 117.0
 141 46.8 28.6 43.0#

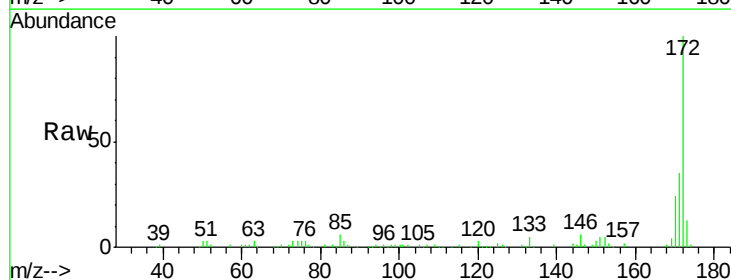


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

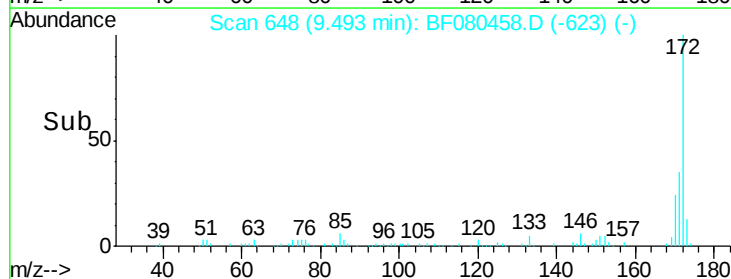
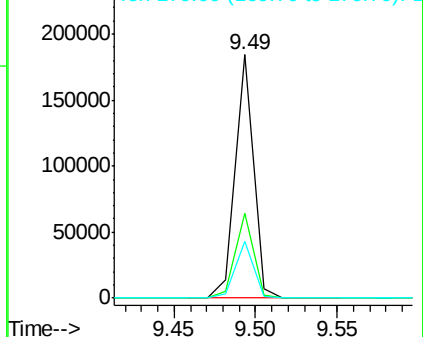


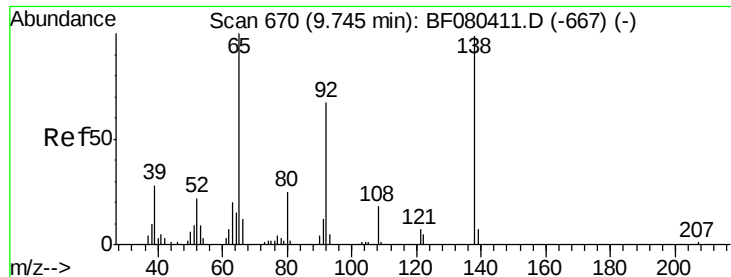
#44
 2-Fluorobiphenyl
 Concen: 42.47 ng
 RT: 9.49 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF080458.D
 Acq: 14 Jul 2015 9:59

Tgt Ion: 172 Resp: 141666
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.4 42.6
 170 23.5 18.6 28.0



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





#47

2-Nitroaniline

Concen: 4.93 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.14 min

Lab File: BF080458.D

Acq: 14 Jul 2015 9:59

Instrument :

BNA_F

ClientSampleId :

SP-1

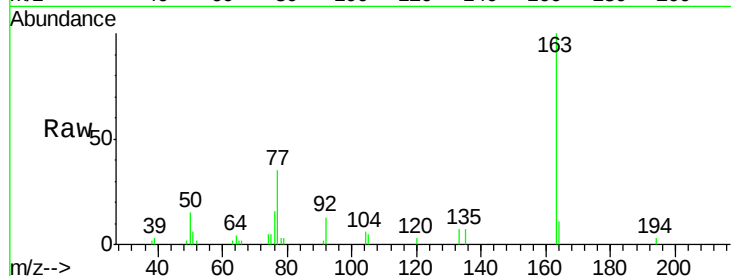
Tgt Ion: 65 Resp: 291

Ion Ratio Lower Upper

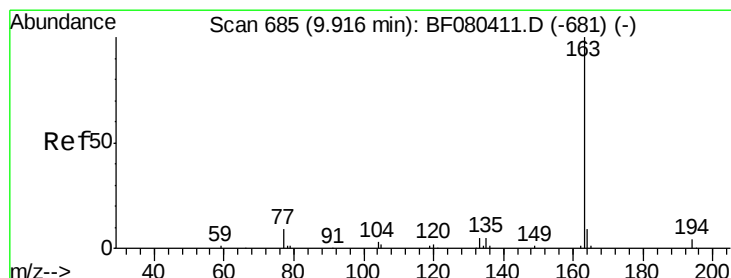
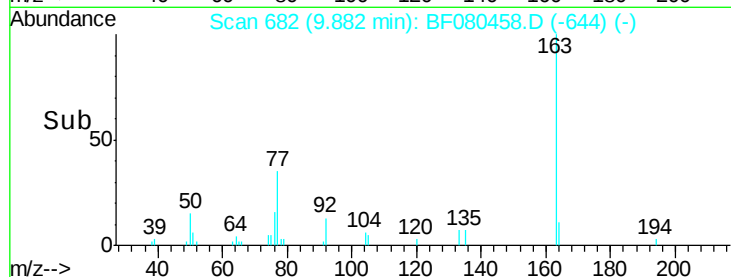
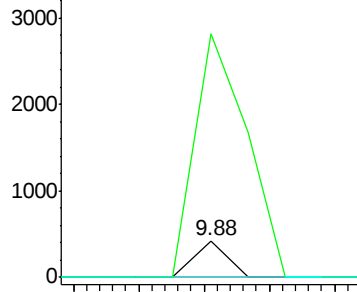
65 100

92 664.2 53.2 79.8#

138 0.0 78.9 118.3#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#49

Dimethylphthalate

Concen: 10.30 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.02 min

Lab File: BF080458.D

Acq: 14 Jul 2015 9:59

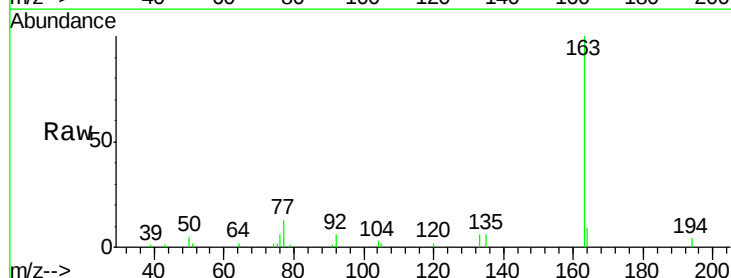
Tgt Ion: 163 Resp: 34987

Ion Ratio Lower Upper

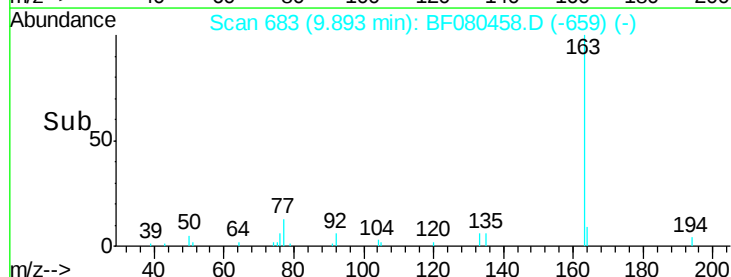
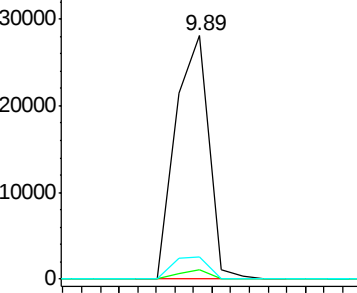
163 100

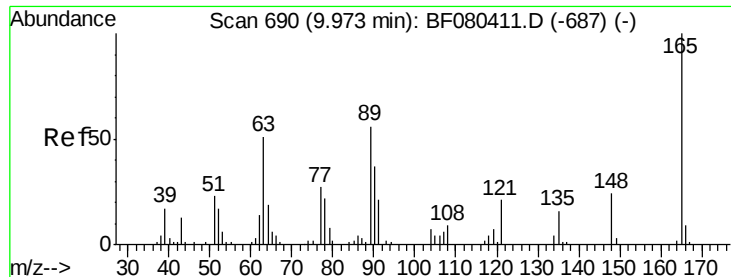
194 4.1 3.4 5.2

164 9.1 7.4 11.0



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

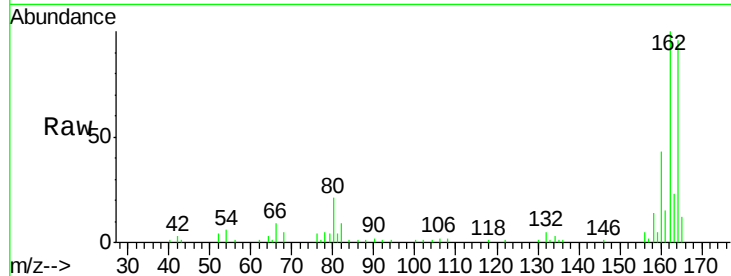




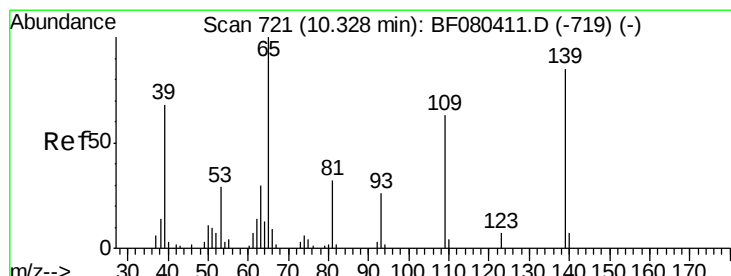
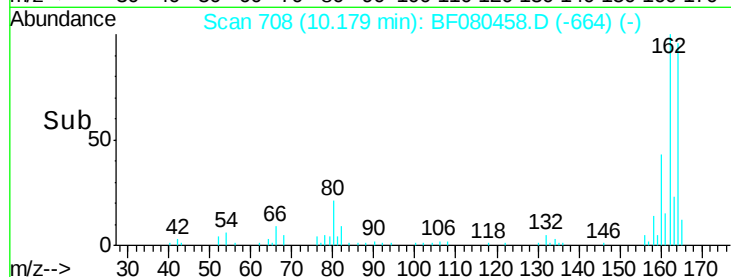
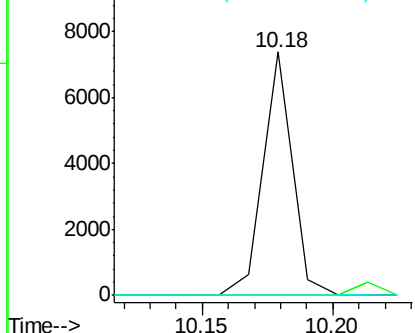
#50
2,6-Dinitrotoluene
Concen: 7.63 ng
RT: 10.18 min Scan# 708
Delta R.T. 0.21 min
Lab File: BF080458.D
Acq: 14 Jul 2015 9:59

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:165 Resp: 5819
Ion Ratio Lower Upper
165 100
63 0.0 44.5 66.7#
89 0.0 44.5 66.7#

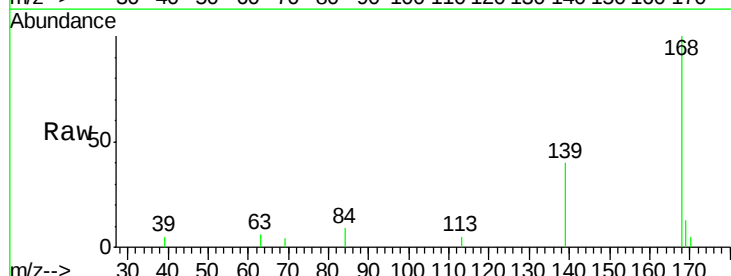


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

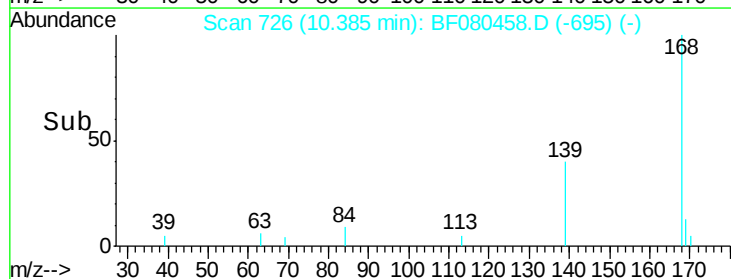
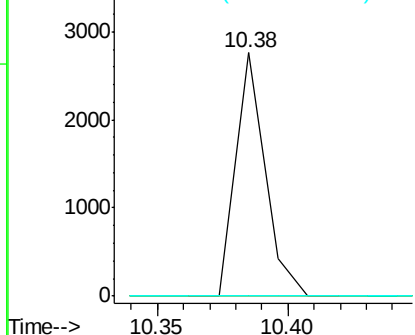


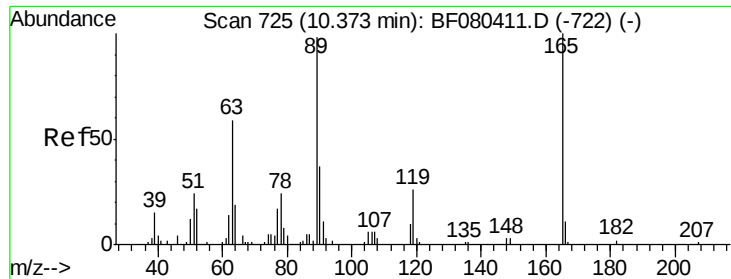
#55
4-Nitrophenol
Concen: 8.36 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.06 min
Lab File: BF080458.D
Acq: 14 Jul 2015 9:59

Tgt Ion:139 Resp: 2184
Ion Ratio Lower Upper
139 100
109 0.0 54.6 94.6#
65 0.0 97.8 137.8#



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





#56

2,4-Dinitrotoluene

Concen: 6.53 ng

RT: 10.18 min Scan# 708

Delta R.T. -0.19 min

Lab File: BF080458.D

Acq: 14 Jul 2015 9:59

Instrument :

BNA_F

ClientSampled :

SP-1

Tgt Ion:165 Resp: 5818

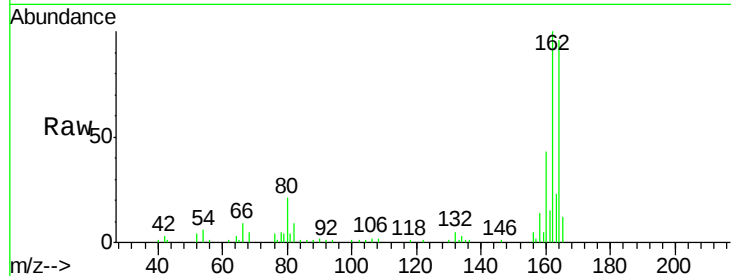
Ion Ratio Lower Upper

165 100

63 0.0 51.7 77.5#

89 0.0 78.6 117.8#

182 0.0 1.8 2.8#

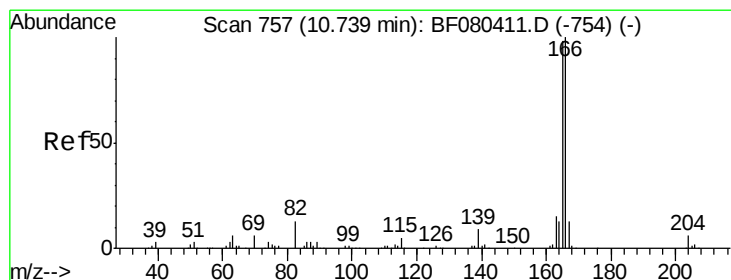
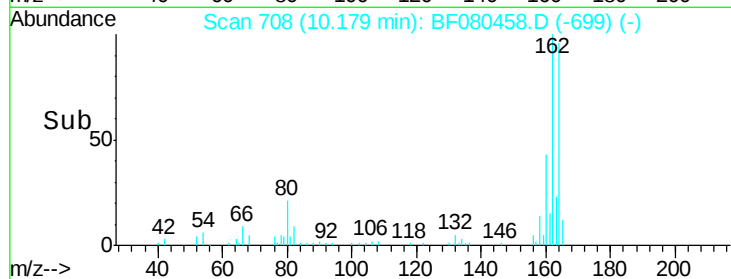
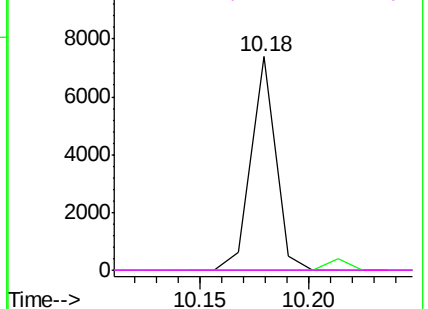


Abundance Ion 165.00 (164.70 to 165.70): E

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: 2.40 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF080458.D

Acq: 14 Jul 2015 9:59

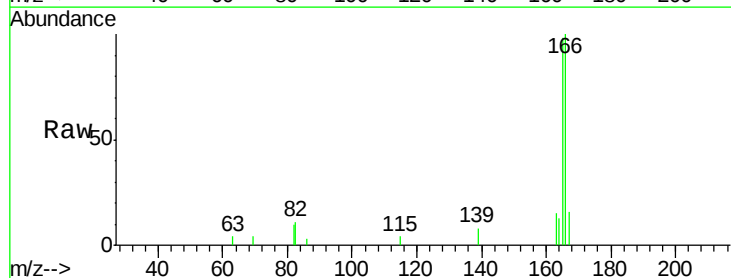
Tgt Ion:166 Resp: 8410

Ion Ratio Lower Upper

166 100

165 98.1 78.3 117.5

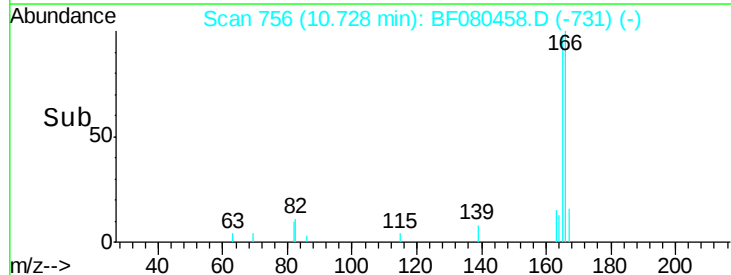
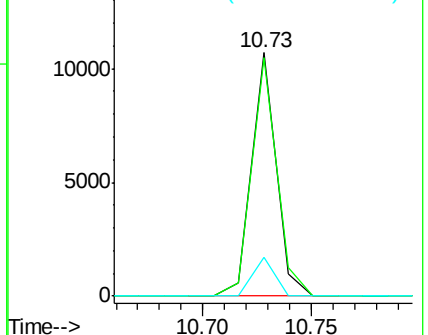
167 15.9 10.6 15.8#

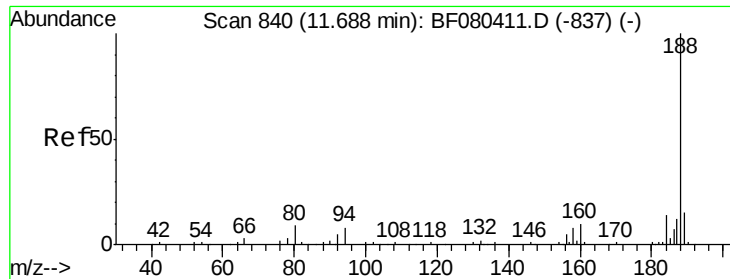


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

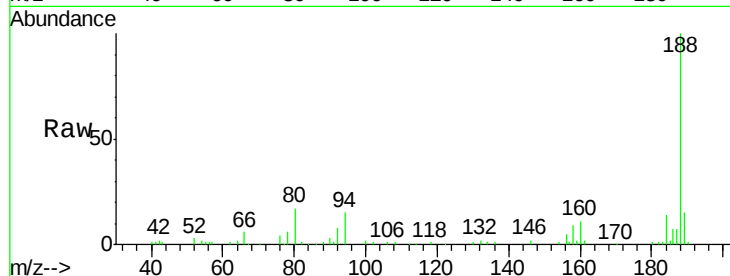




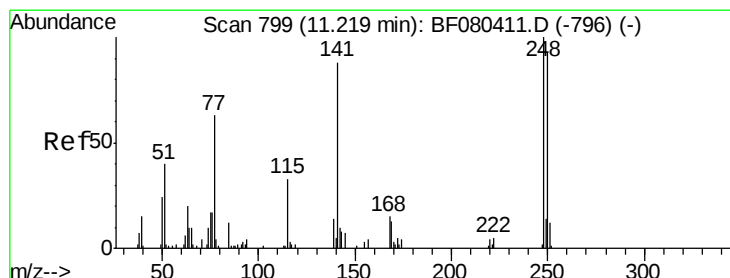
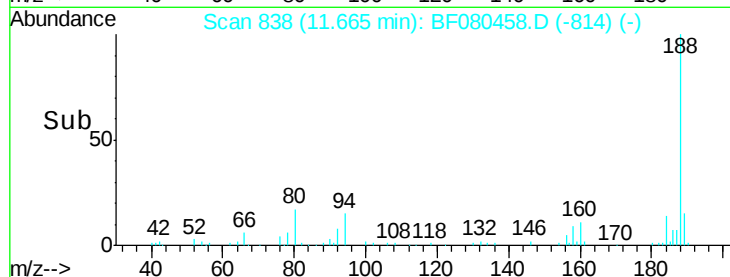
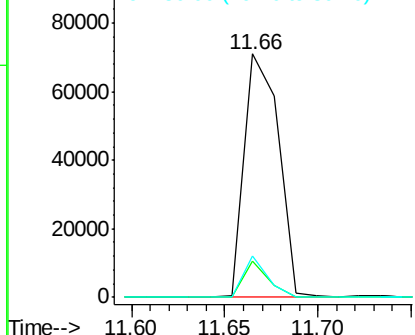
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.66 min Scan# 838
 Delta R.T. -0.02 min
 Lab File: BF080458.D
 Acq: 14 Jul 2015 9:59

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Tgt Ion:188 Resp: 90435
 Ion Ratio Lower Upper
 188 100
 94 15.0 6.7 10.1#
 80 17.2 7.5 11.3#

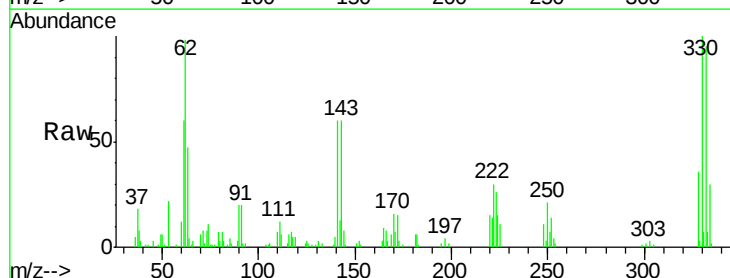


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

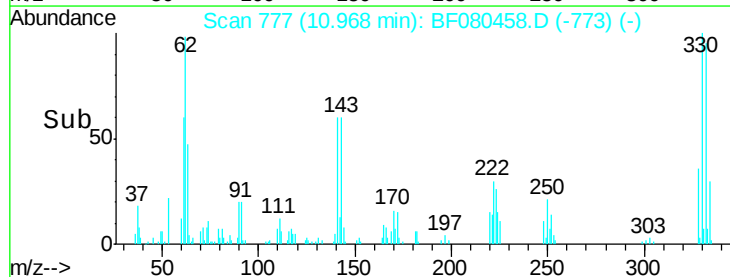
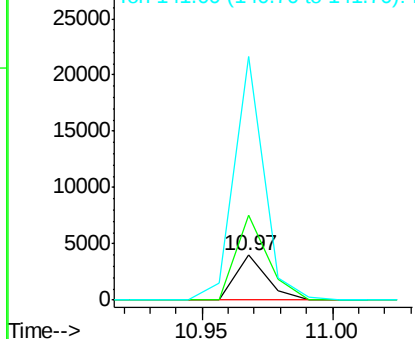


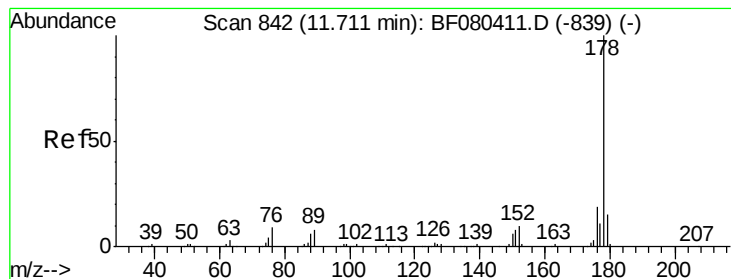
#66
 4-Bromophenyl-phenylether
 Concen: 3.41 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.25 min
 Lab File: BF080458.D
 Acq: 14 Jul 2015 9:59

Tgt Ion:248 Resp: 3291
 Ion Ratio Lower Upper
 248 100
 250 188.1 74.2 111.4#
 141 539.2 70.7 106.1#



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: 13.23 ng

RT: 11.70 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF080458.D

Acq: 14 Jul 2015 9:59

Instrument :

BNA_F

ClientSampleId :

SP-1

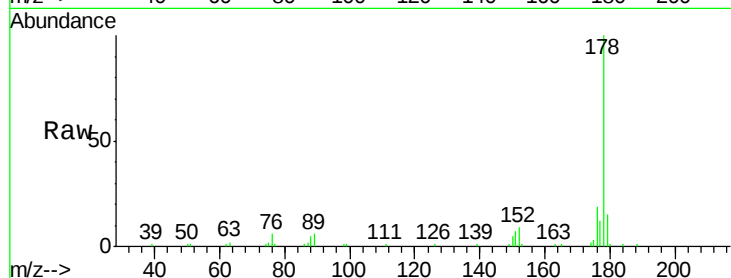
Tgt Ion:178 Resp: 71876

Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

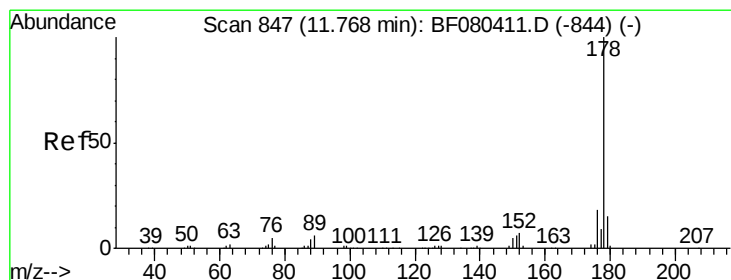
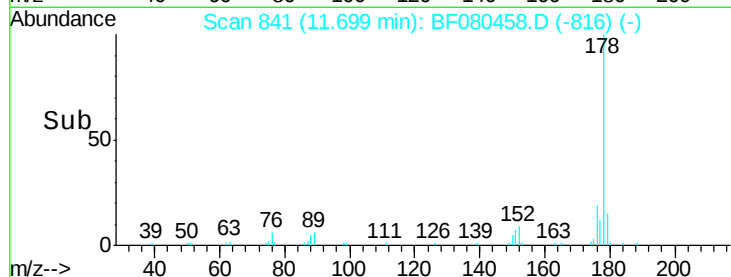
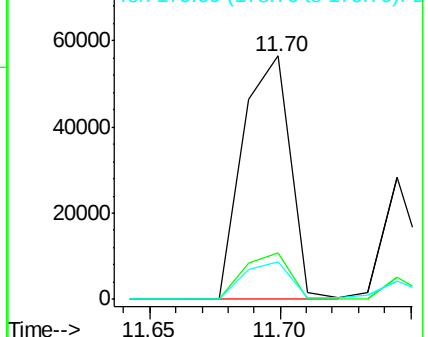
179 15.5 12.4 18.6



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: 5.36 ng

RT: 11.74 min Scan# 845

Delta R.T. -0.02 min

Lab File: BF080458.D

Acq: 14 Jul 2015 9:59

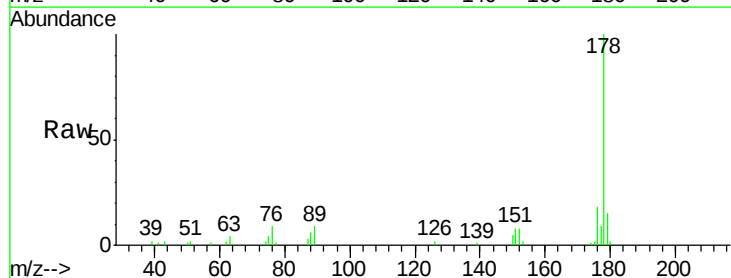
Tgt Ion:178 Resp: 26982

Ion Ratio Lower Upper

178 100

176 18.2 14.2 21.4

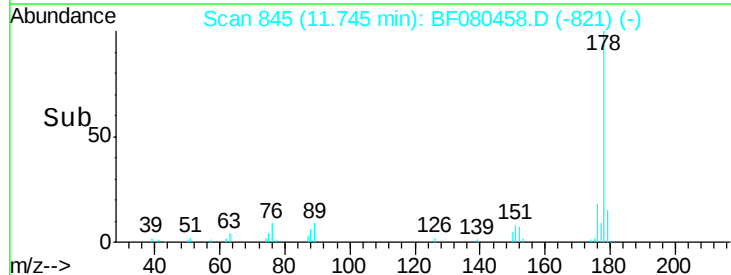
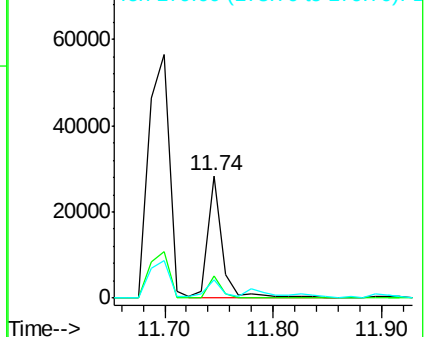
179 15.3 11.6 17.4

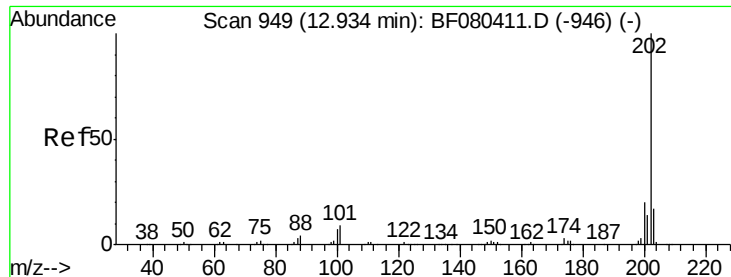


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 23.98 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF080458.D

Acq: 14 Jul 2015 9:59

Instrument :

BNA_F

ClientSampleId :

SP-1

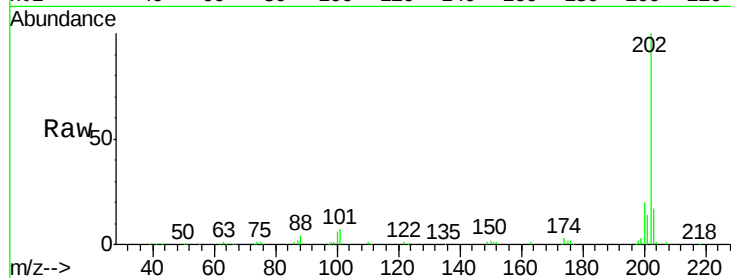
Tgt Ion:202 Resp: 135129

Ion Ratio Lower Upper

202 100

101 7.5 0.0 28.8

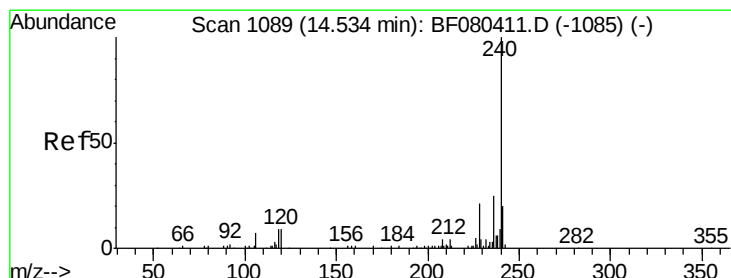
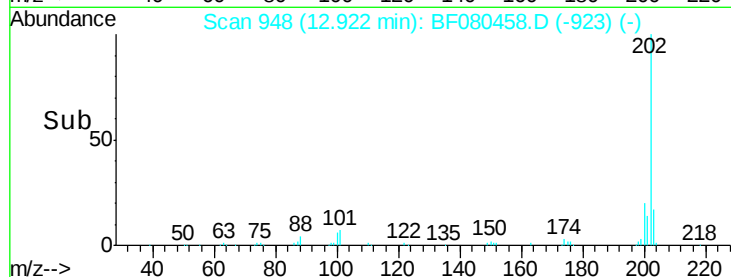
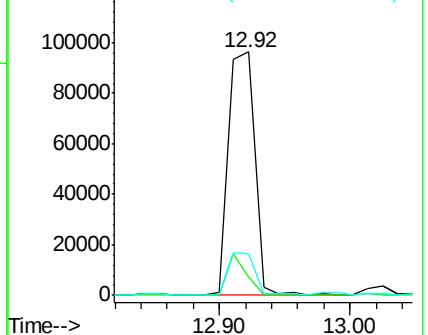
203 16.8 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.52 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BF080458.D

Acq: 14 Jul 2015 9:59

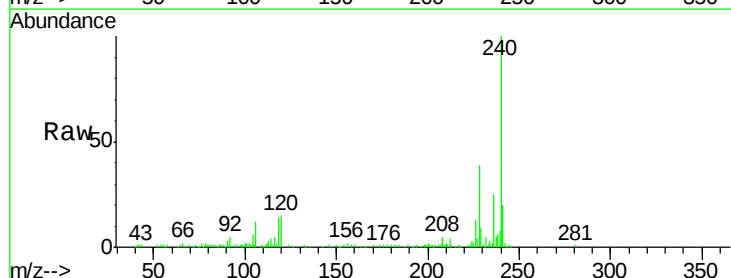
Tgt Ion:240 Resp: 117760

Ion Ratio Lower Upper

240 100

120 15.4 7.4 11.2#

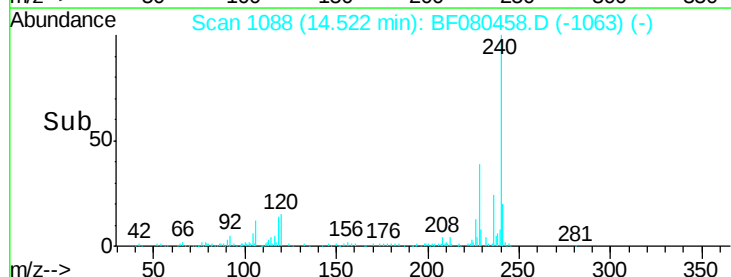
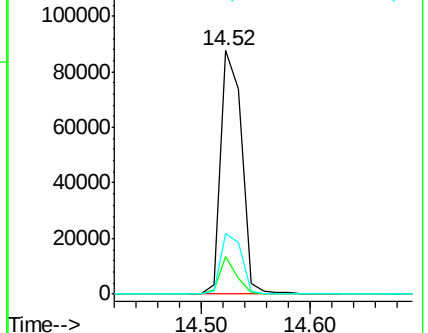
236 24.9 19.7 29.5

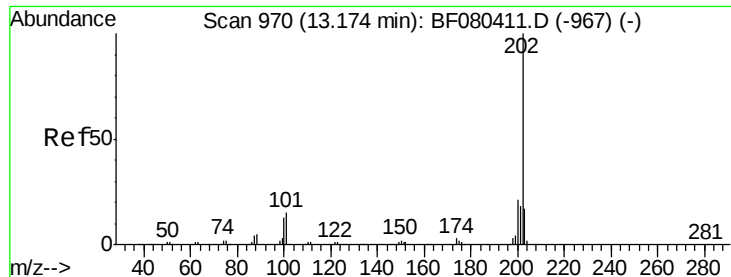


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 16.45 ng

RT: 13.16 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF080458.D

Acq: 14 Jul 2015 9:59

Instrument :

BNA_F

ClientSampleId :

SP-1

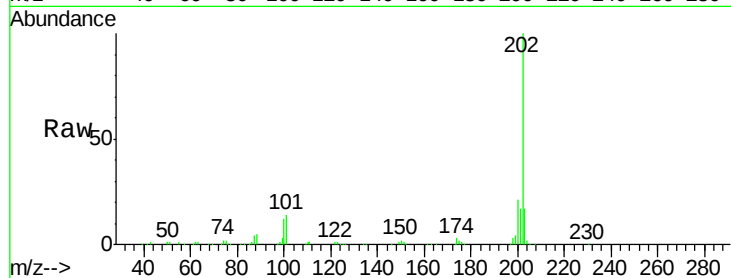
Tgt Ion:202 Resp: 124077

Ion Ratio Lower Upper

202 100

200 20.6 17.0 25.6

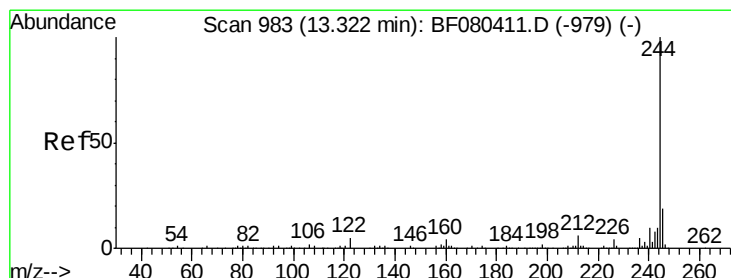
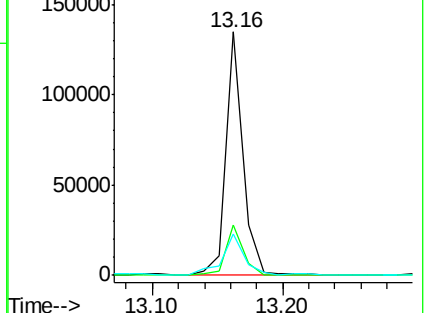
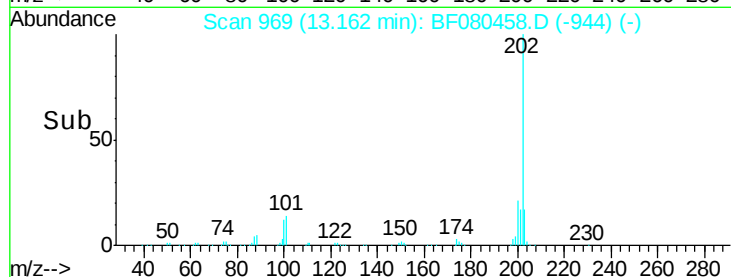
203 17.0 13.8 20.8



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: 32.92 ng

RT: 13.30 min Scan# 981

Delta R.T. -0.02 min

Lab File: BF080458.D

Acq: 14 Jul 2015 9:59

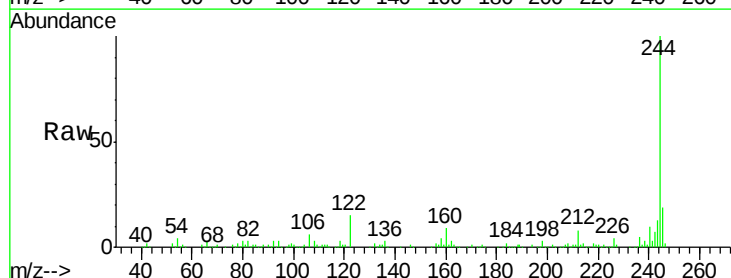
Tgt Ion:244 Resp: 178487

Ion Ratio Lower Upper

244 100

212 7.7 4.9 7.3#

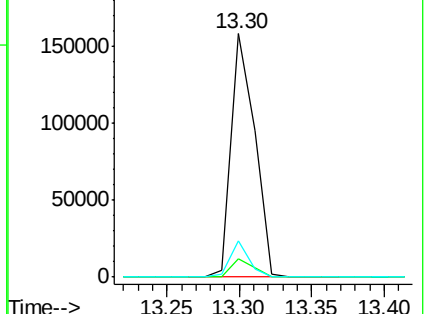
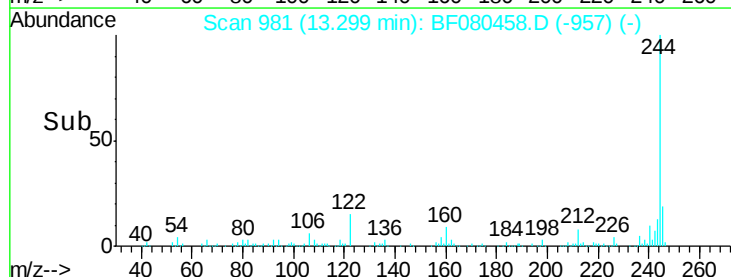
122 14.8 4.1 6.1#

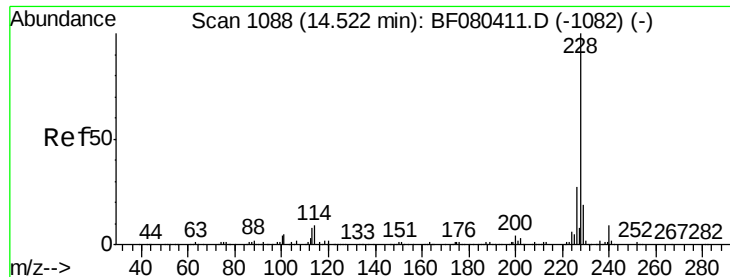


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 11.31 ng

RT: 14.51 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF080458.D

Acq: 14 Jul 2015 9:59

Instrument :

BNA_F

ClientSampleId :

SP-1

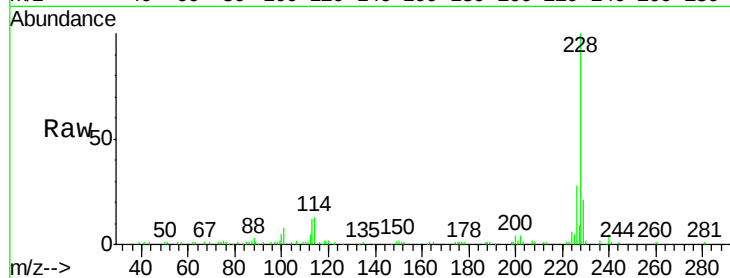
Tgt Ion:228 Resp: 83967

Ion Ratio Lower Upper

228 100

226 27.6 21.7 32.5

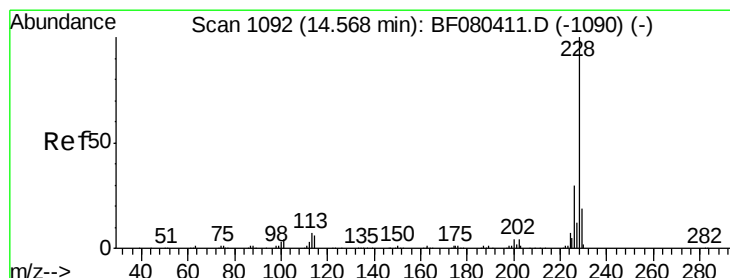
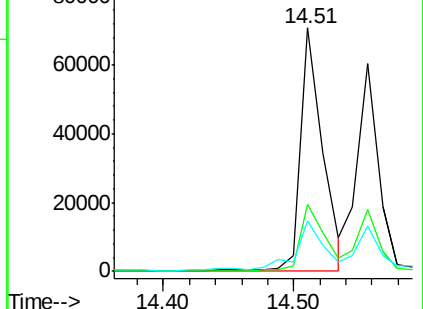
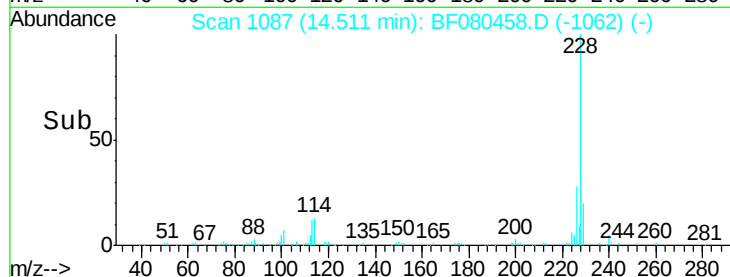
229 20.8 15.5 23.3



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: 10.12 ng

RT: 14.56 min Scan# 1091

Delta R.T. -0.01 min

Lab File: BF080458.D

Acq: 14 Jul 2015 9:59

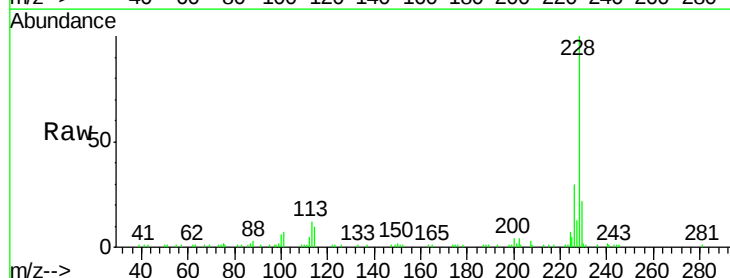
Tgt Ion:228 Resp: 69143

Ion Ratio Lower Upper

228 100

226 29.7 24.3 36.5

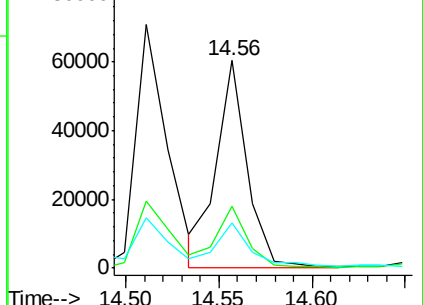
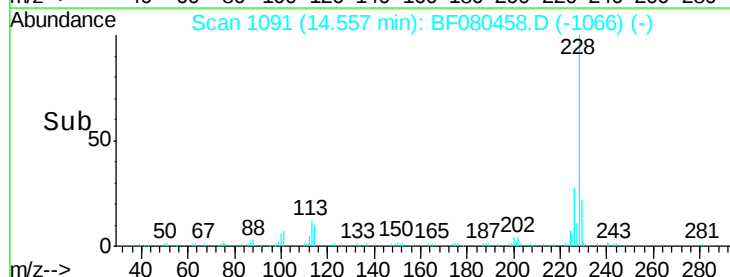
229 21.8 15.5 23.3

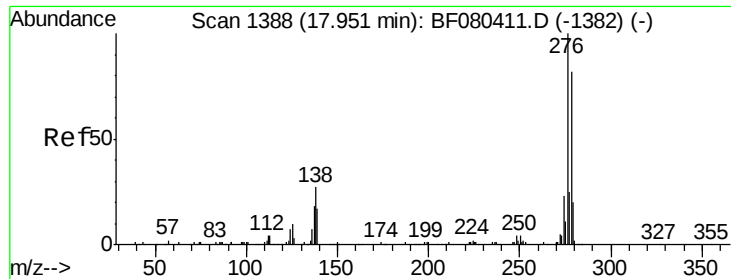


Abundance Ion 228.00 (227.70 to 228.70): E

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: 4.68 ng

RT: 17.93 min Scan# 1386

Delta R.T. -0.02 min

Lab File: BF080458.D

Acq: 14 Jul 2015 9:59

Instrument :

BNA_F

ClientSampleId :

SP-1

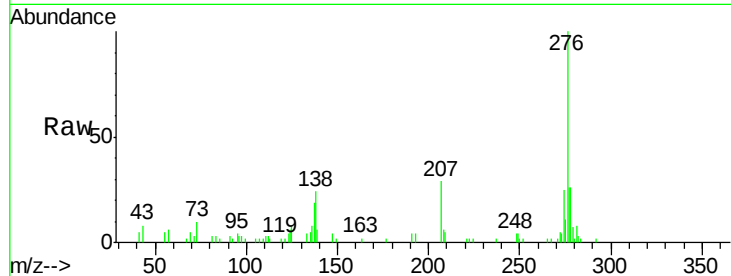
Tgt Ion:276 Resp: 39709

Ion Ratio Lower Upper

276 100

138 27.7 21.4 32.0

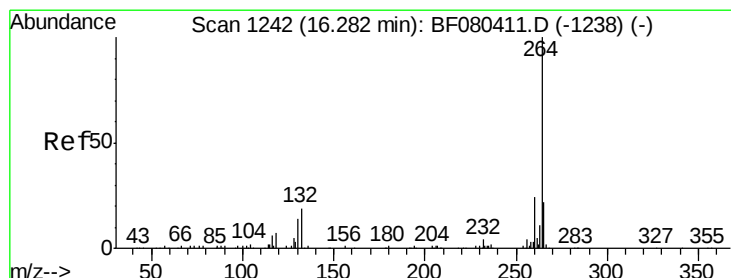
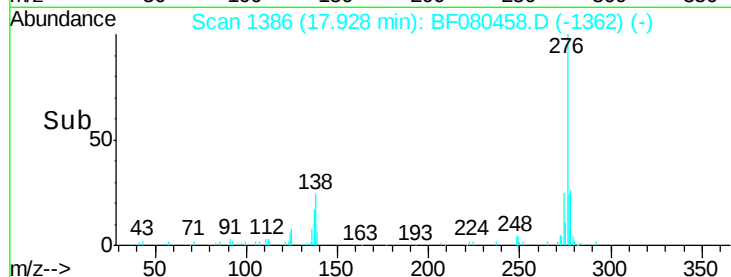
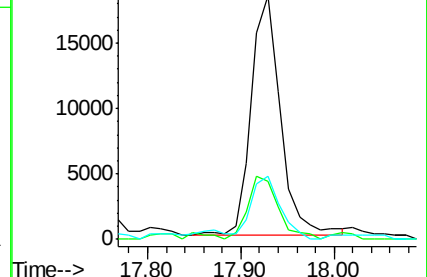
277 25.9 19.5 29.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.28 min Scan# 1242

Delta R.T. 0.00 min

Lab File: BF080458.D

Acq: 14 Jul 2015 9:59

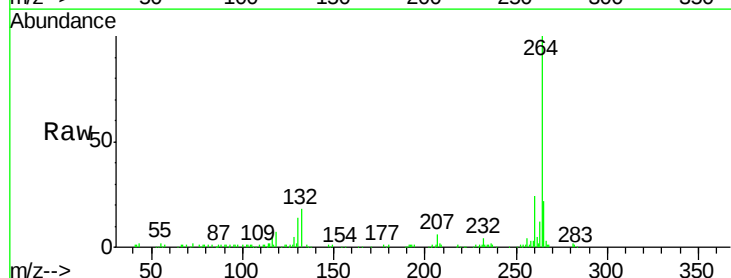
Tgt Ion:264 Resp: 113024

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

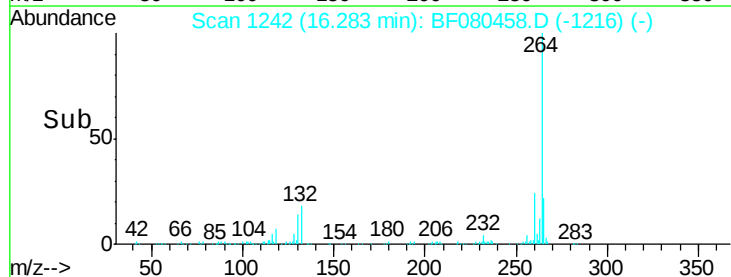
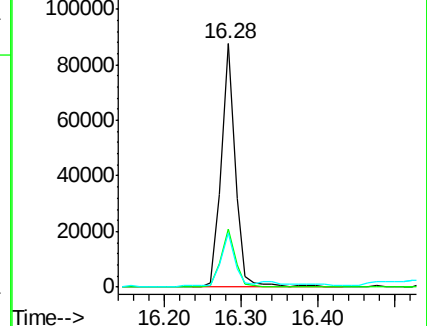
265 22.1 17.8 26.8

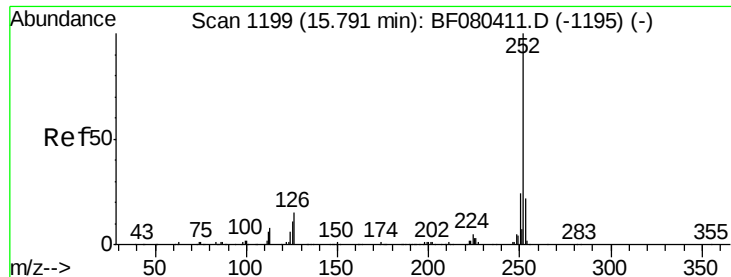


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 15.07 ng

RT: 15.79 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BF080458.D

Acq: 14 Jul 2015 9:59

Instrument :

BNA_F

ClientSampleId :

SP-1

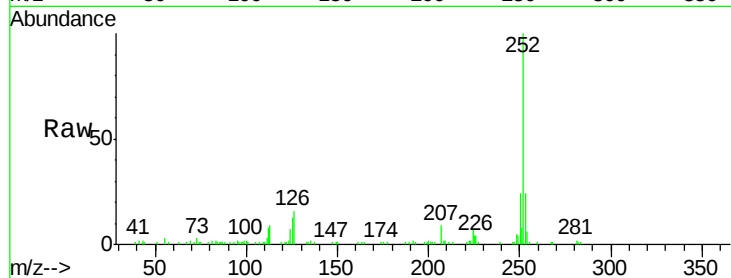
Tgt Ion:252 Resp: 118305

Ion Ratio Lower Upper

252 100

253 23.6 17.8 26.8

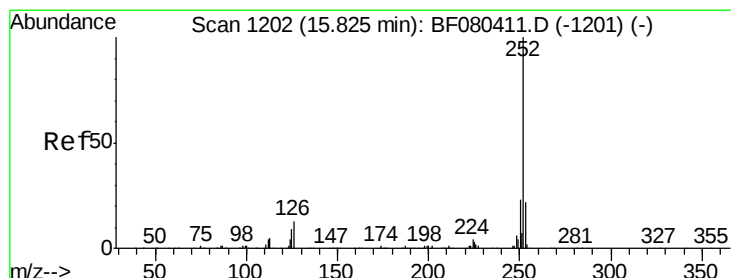
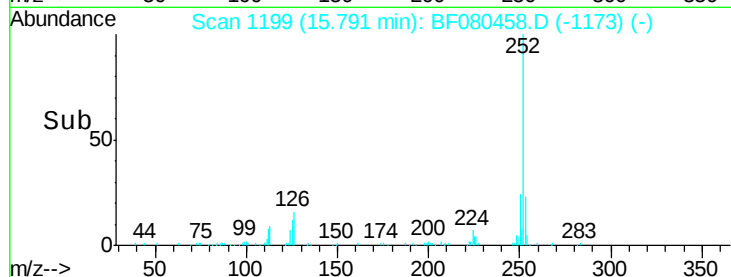
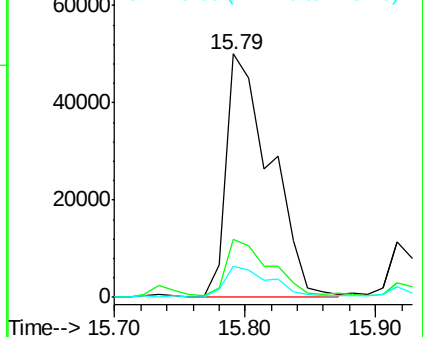
125 12.6 8.6 12.8



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: 18.43 ng

RT: 15.79 min Scan# 1199

Delta R.T. -0.03 min

Lab File: BF080458.D

Acq: 14 Jul 2015 9:59

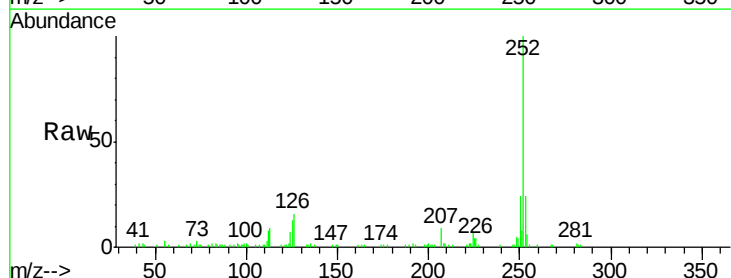
Tgt Ion:252 Resp: 118305

Ion Ratio Lower Upper

252 100

253 23.6 17.7 26.5

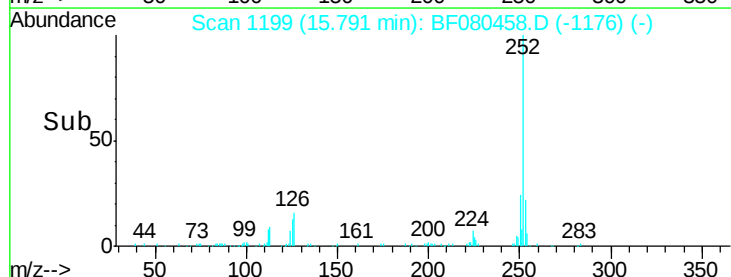
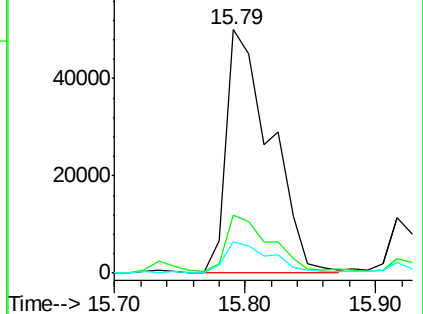
125 12.6 8.4 12.6#

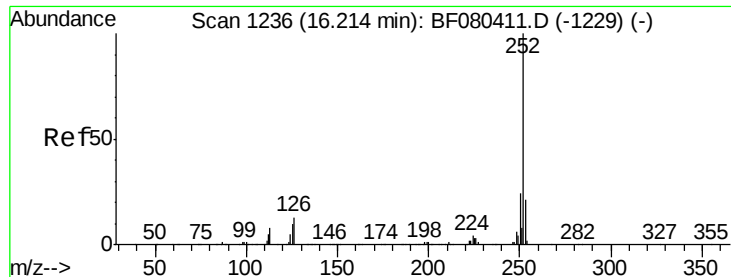


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 9.25 ng

RT: 16.21 min Scan# 1236

Delta R.T. 0.00 min

Lab File: BF080458.D

Acq: 14 Jul 2015 9:59

Instrument :

BNA_F

ClientSampleId :

SP-1

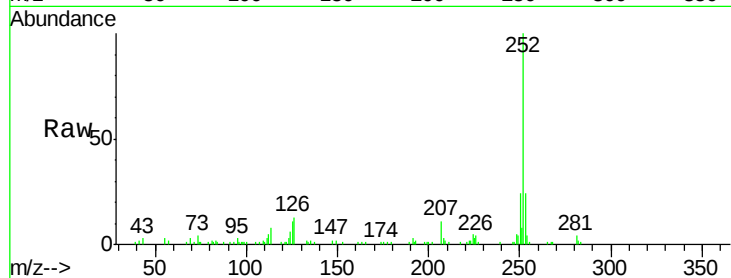
Tgt Ion:252 Resp: 63607

Ion Ratio Lower Upper

252 100

253 23.5 17.0 25.6

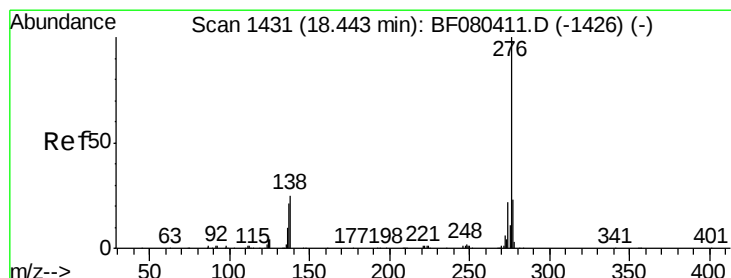
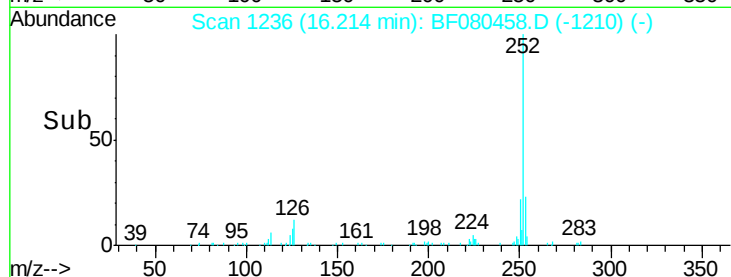
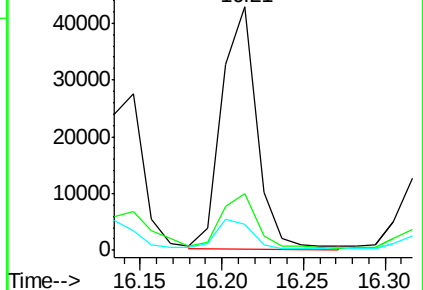
125 10.7 8.1 12.1



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(g,h,i)perylene

Concen: 6.29 ng

RT: 18.42 min Scan# 1429

Delta R.T. -0.02 min

Lab File: BF080458.D

Acq: 14 Jul 2015 9:59

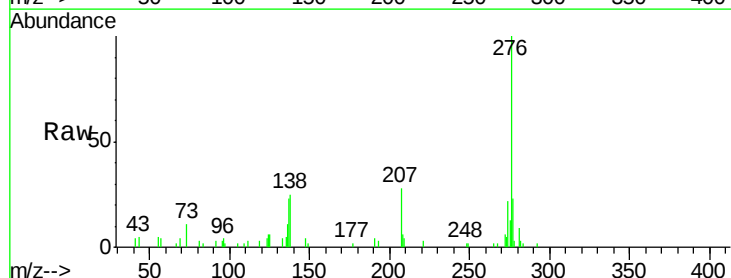
Tgt Ion:276 Resp: 42599

Ion Ratio Lower Upper

276 100

277 23.2 18.2 27.4

138 25.1 20.3 30.5



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

