

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
 Data File : BF081266.D
 Acq On : 28 Aug 2015 6:45
 Operator : UM/IZ
 Sample : G3430-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB2(2-4)

Quant Time: Aug 28 07:16:03 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	48136	20.00	ng	-0.04
21) Naphthalene-d8	7.79	136	214755	20.00	ng	-0.04
38) Acenaphthene-d10	9.53	164	86623	20.00	ng	-0.05
63) Phenanthrene-d10	11.01	188	150951	20.00	ng	-0.04
75) Chrysene-d12	13.65	240	106362	20.00	ng	-0.01
86) Perylene-d12	14.97	264	70527	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	466478	145.76	ng	-0.02
7) Phenol-d6	6.17	99	609465	145.96	ng	-0.02
23) Nitrobenzene-d5	7.09	82	459992	97.85	ng	-0.04
41) 2,4,6-Tribromophenol	10.32	330	91339	121.64	ng	-0.04
44) 2-Fluorobiphenyl	8.88	172	645779	97.68	ng	-0.02
78) Terphenyl-d14	12.60	244	377613	76.11	ng	-0.04

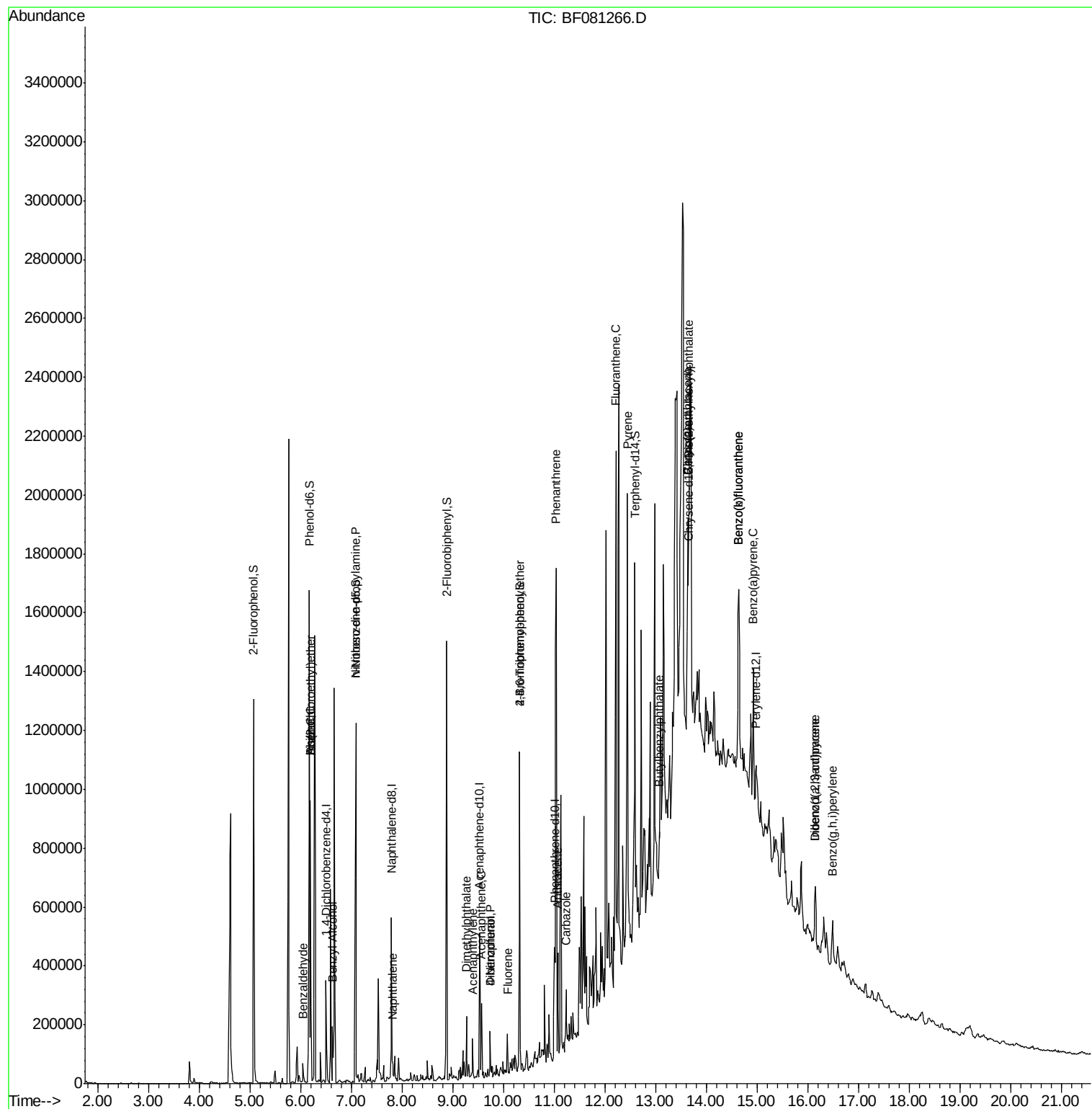
Target Compounds						Qvalue
6) Aniline	6.19	93	195692	32.23	ng	# 47
9) Benzaldehyde	6.05	77	18611	6.91	ng	97
10) Phenol	6.19	94	28382	5.76	ng	# 56
11) bis(2-Chloroethyl)ether	6.19	93	195692	51.72	ng	# 18
15) Benzyl Alcohol	6.63	79	9458	2.80	ng	# 65
19) n-Nitroso-di-n-propylamine	7.09	70	64206	22.20	ng	# 65
31) Naphthalene	7.82	128	25842	2.16	ng	100
48) Acenaphthylene	9.39	152	42646	3.89	ng	98
49) Dimethylphthalate	9.27	163	71267	9.99	ng	99
51) Acenaphthene	9.57	154	46298	7.05	ng	99
54) Dibenzofuran	9.74	168	43925	4.99	ng	96
55) 4-Nitrophenol	9.74	139	18380	13.65	ng	# 1
57) Fluorene	10.08	166	47011	6.95	ng	97
66) 4-Bromophenyl-phenylether	10.32	248	7586	5.12	ng	# 1
70) Phenanthrene	11.04	178	925967	103.51	ng	99
71) Anthracene	11.07	178	136227	15.65	ng	98
72) Carbazole	11.23	167	86494	10.32	ng	98
74) Fluoranthene	12.22	202	858461	88.93	ng	92
77) Pyrene	12.45	202	830289	96.02	ng	99
79) Butylbenzylphthalate	13.08	149	20133	5.42	ng	# 24
80) Benzo(a)anthracene	13.64	228	318879	44.70	ng	# 94
82) Chrysene	13.64	228	318879	49.61	ng	# 95
83) Bis(2-ethylhexyl)phthalate	13.66	149	46646	9.80	ng	# 83
85) Indeno(1,2,3-cd)pyrene	16.15	276	117747	26.09	ng	100
87) Benzo(b)fluoranthene	14.64	252	463201	92.85	ng	# 92
88) Benzo(k)fluoranthene	14.64	252	463201	99.65	ng	95
89) Benzo(a)pyrene	14.93	252	192659	44.32	ng	# 88
90) Dibenzo(a,h)anthracene	16.15	278	34873	10.30	ng	# 81
91) Benzo(g,h,i)perylene	16.49	276	100799	29.33	ng	# 87

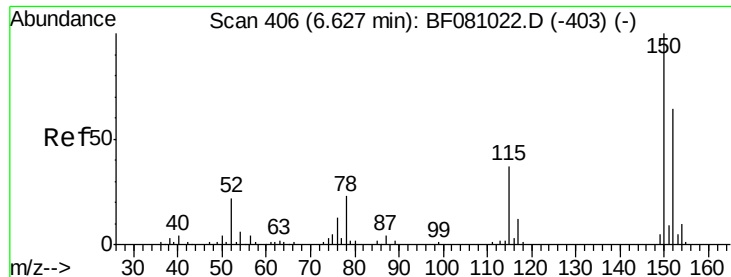
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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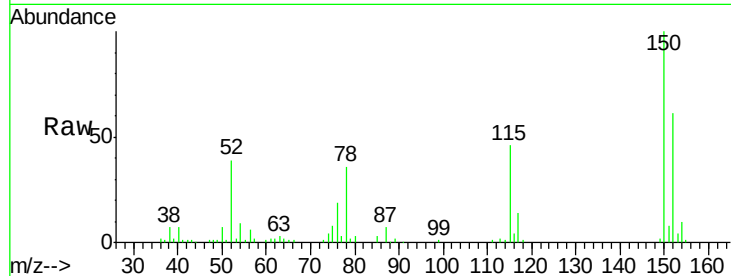


#1

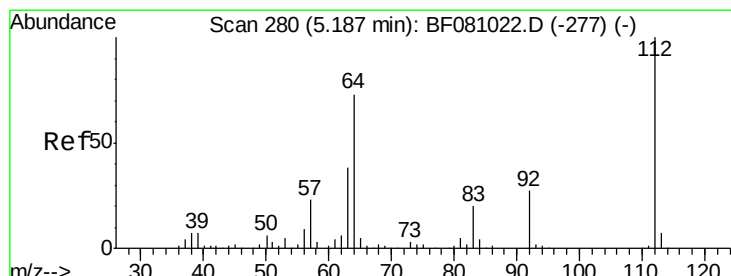
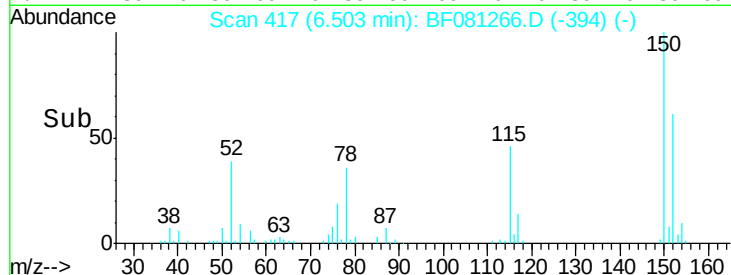
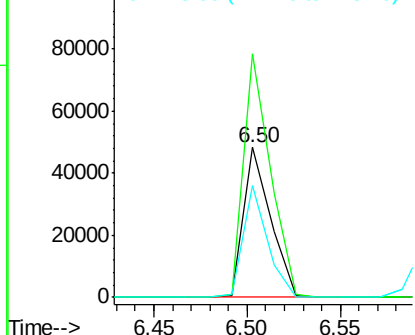
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.50 min Scan# 417
Delta R.T. -0.04 min
Lab File: BF081266.D
Acq: 28 Aug 2015 6:45

Instrument :
BNA_F
ClientSampleId :
SB2(2-4)

Tgt Ion:152 Resp: 48136
Ion Ratio Lower Upper
152 100
150 162.7 123.8 185.6
115 74.7 52.1 78.1



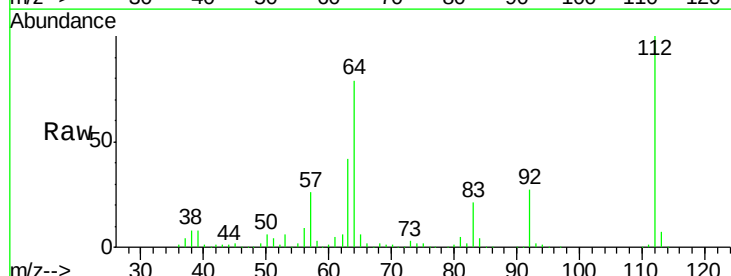
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



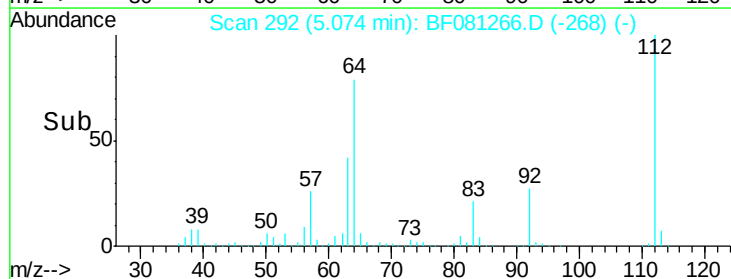
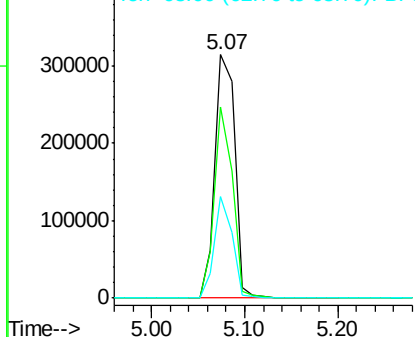
#5

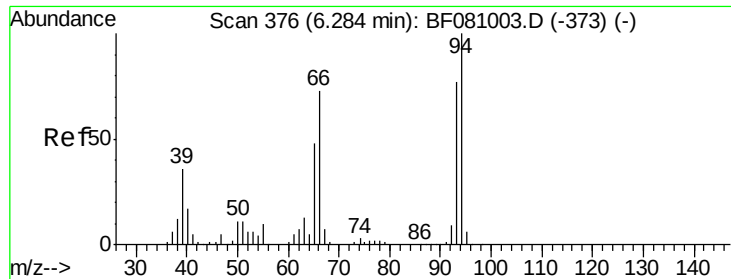
2-Fluorophenol
Concen: 145.76 ng
RT: 5.07 min Scan# 292
Delta R.T. -0.02 min
Lab File: BF081266.D
Acq: 28 Aug 2015 6:45

Tgt Ion:112 Resp: 466478
Ion Ratio Lower Upper
112 100
64 78.6 66.9 100.3
63 41.8 38.1 57.1



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





#6

Aniline

Concen: 32.23 ng

RT: 6.19 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF081266.D

Acq: 28 Aug 2015 6:45

Instrument :

BNA_F

ClientSampleId :

SB2(2-4)

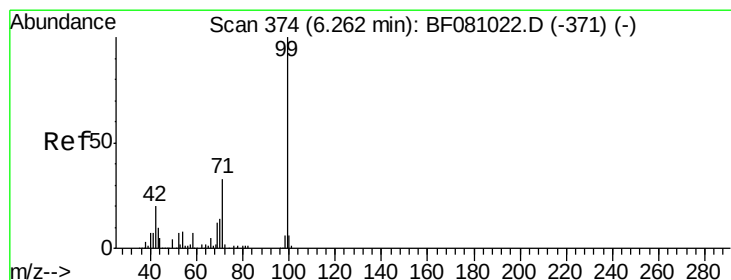
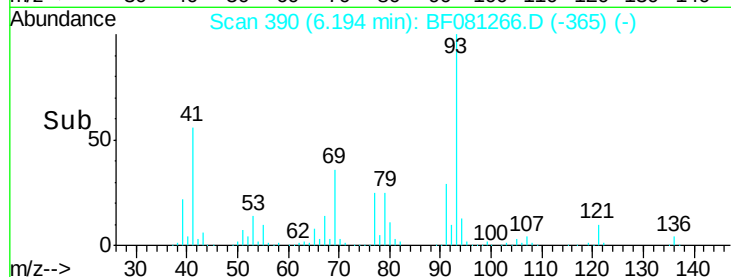
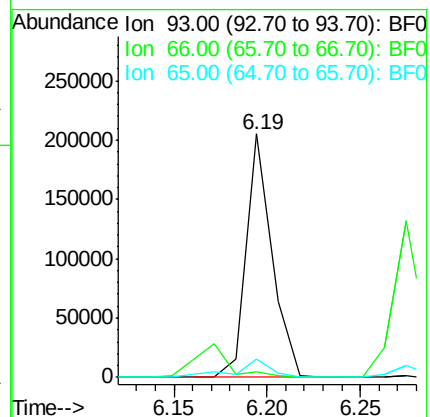
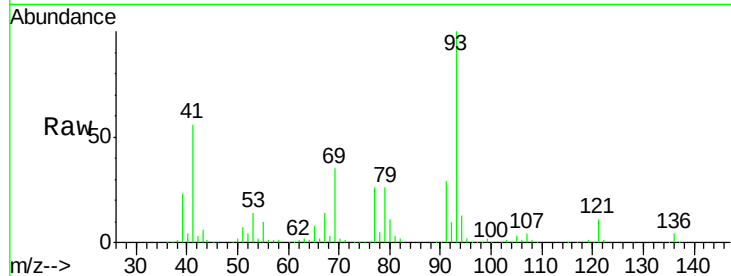
Tgt Ion: 93 Resp: 195692

Ion Ratio Lower Upper

93 100

66 2.5 35.6 53.4#

65 7.7 18.7 28.1#



#7

Phenol-d6

Concen: 145.96 ng

RT: 6.17 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF081266.D

Acq: 28 Aug 2015 6:45

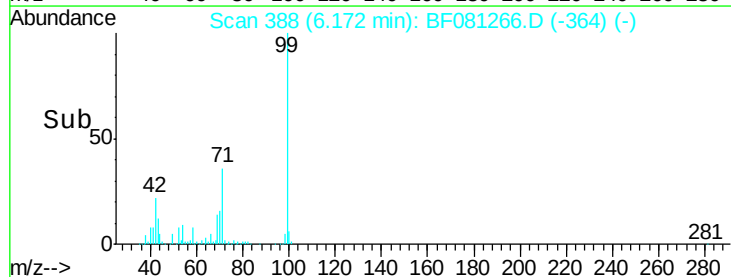
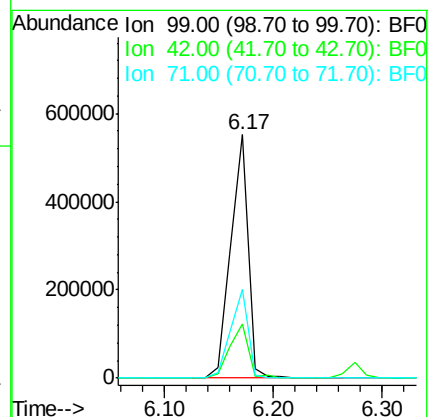
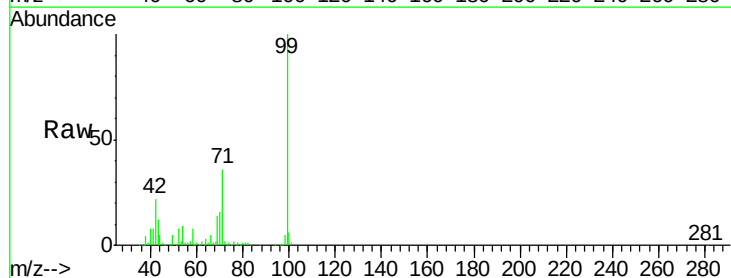
Tgt Ion: 99 Resp: 609465

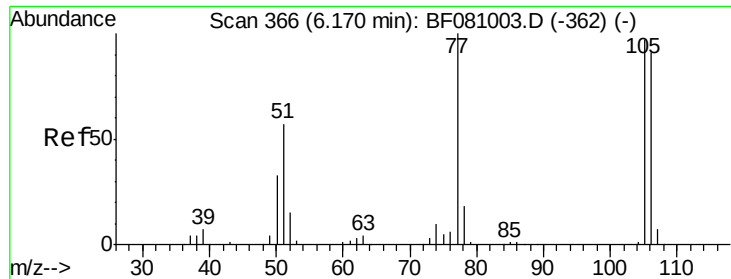
Ion Ratio Lower Upper

99 100

42 22.4 19.6 29.4

71 36.3 31.2 46.8





#9

Benzaldehyde

Concen: 6.91 ng

RT: 6.05 min Scan# 377

Delta R.T. -0.04 min

Lab File: BF081266.D

Acq: 28 Aug 2015 6:45

Instrument :

BNA_F

ClientSampleId :

SB2(2-4)

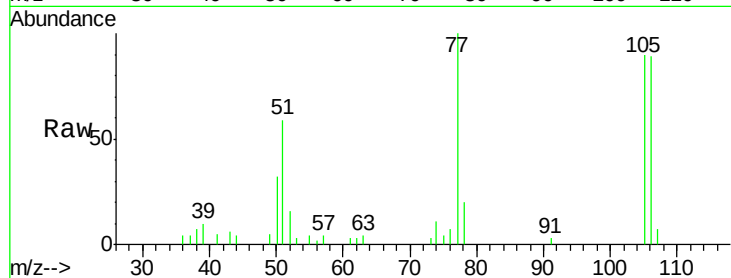
Tgt Ion: 77 Resp: 18611

Ion Ratio Lower Upper

77 100

105 89.5 69.6 109.6

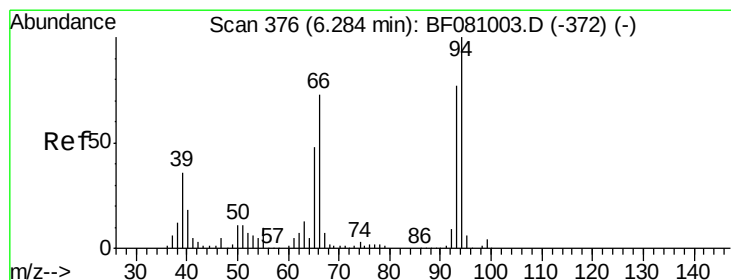
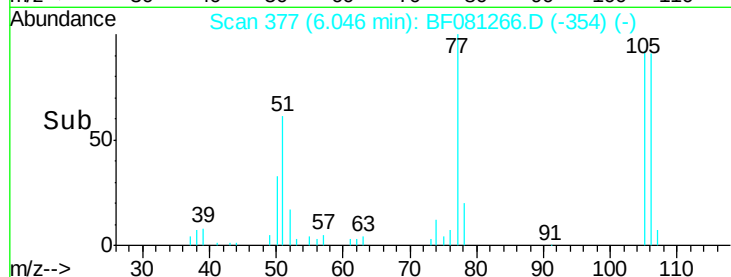
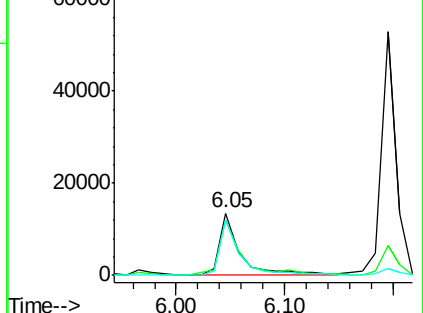
106 89.0 64.0 104.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 5.76 ng

RT: 6.19 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF081266.D

Acq: 28 Aug 2015 6:45

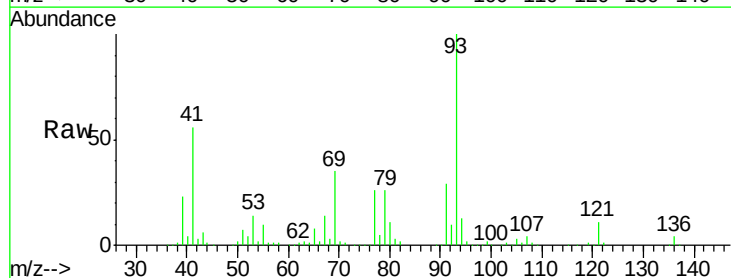
Tgt Ion: 94 Resp: 28382

Ion Ratio Lower Upper

94 100

65 57.3 28.4 68.4

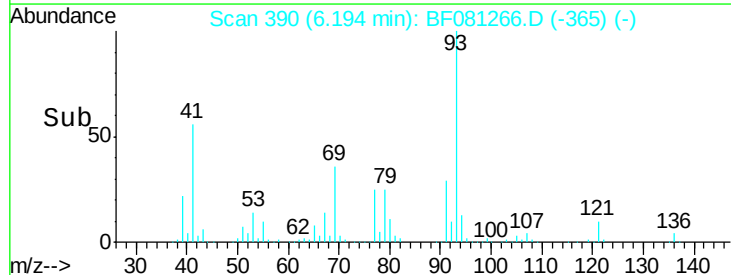
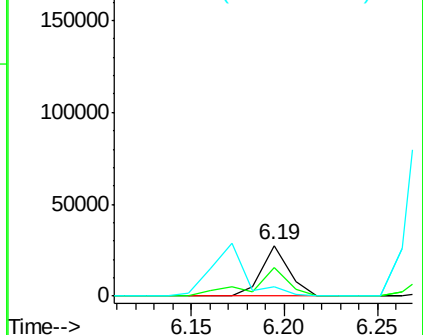
66 18.3 52.3 92.3#

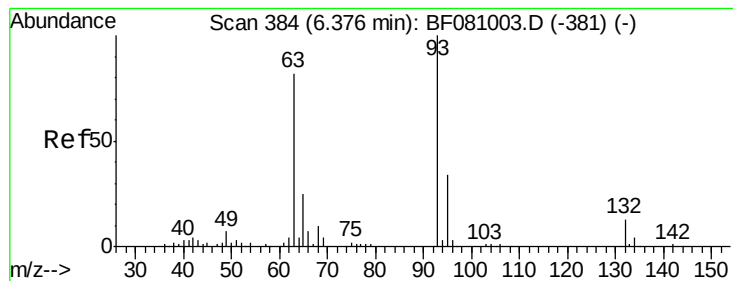


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 51.72 ng

RT: 6.19 min Scan# 390

Delta R.T. -0.09 min

Lab File: BF081266.D

Acq: 28 Aug 2015 6:45

Instrument :

BNA_F

ClientSampleId :

SB2(2-4)

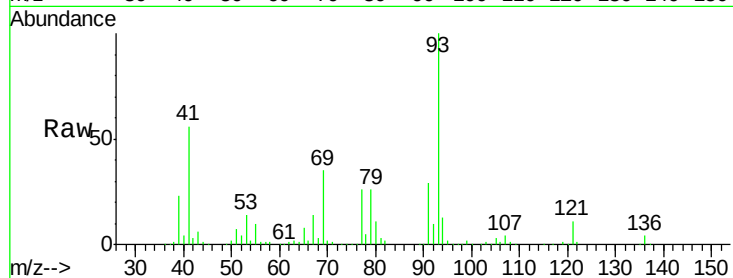
Tgt Ion: 93 Resp: 195692

Ion Ratio Lower Upper

93 100

63 2.3 69.6 109.6#

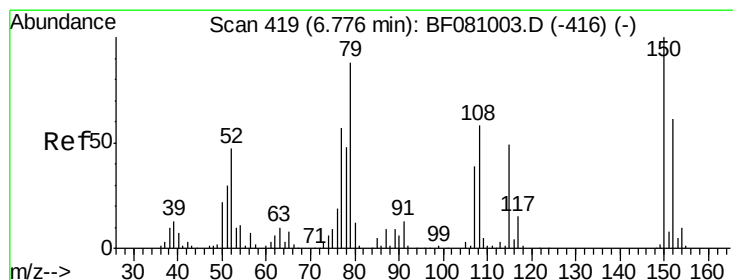
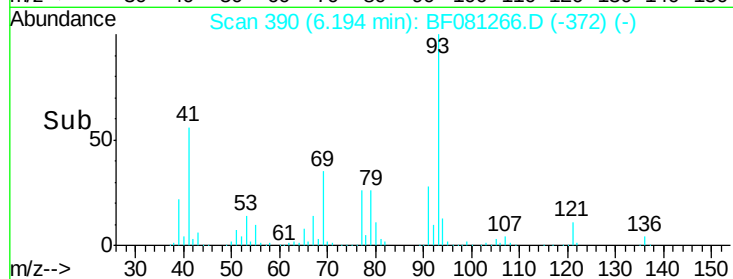
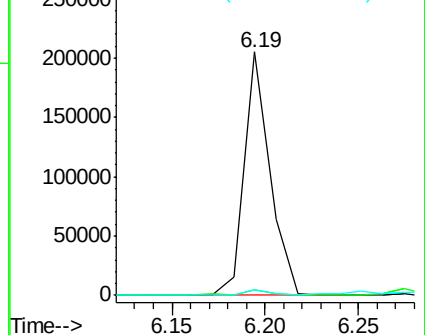
95 2.3 12.3 52.3#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#15

Benzyl Alcohol

Concen: 2.80 ng

RT: 6.63 min Scan# 428

Delta R.T. -0.07 min

Lab File: BF081266.D

Acq: 28 Aug 2015 6:45

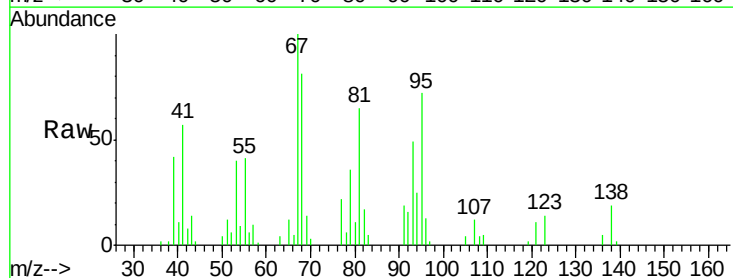
Tgt Ion: 79 Resp: 9458

Ion Ratio Lower Upper

79 100

108 10.2 49.4 74.2#

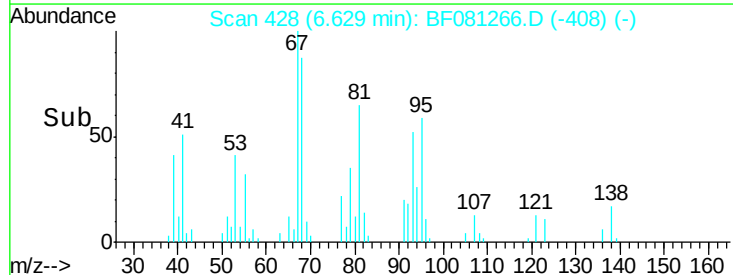
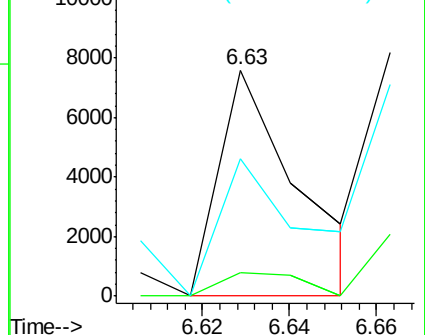
77 60.8 51.4 77.0

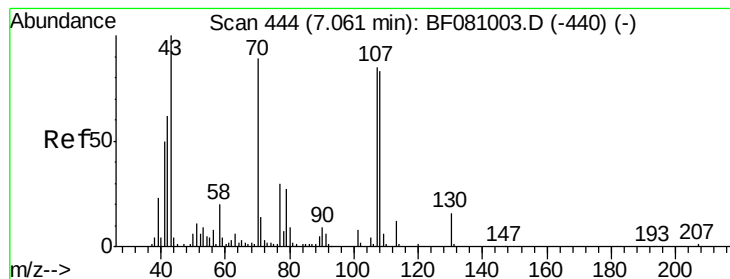


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 22.20 ng

RT: 7.09 min Scan# 468

Delta R.T. 0.10 min

Lab File: BF081266.D

Acq: 28 Aug 2015 6:45

Instrument :

BNA_F

ClientSampleId :

SB2(2-4)

Tgt Ion: 70 Resp: 64206

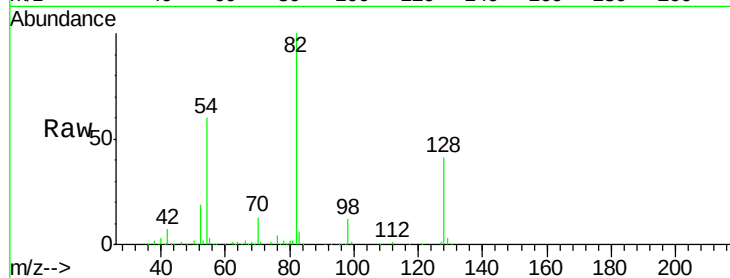
Ion Ratio Lower Upper

70 100

42 48.7 65.0 97.4#

101 0.0 7.4 11.2#

130 2.1 13.0 19.4#

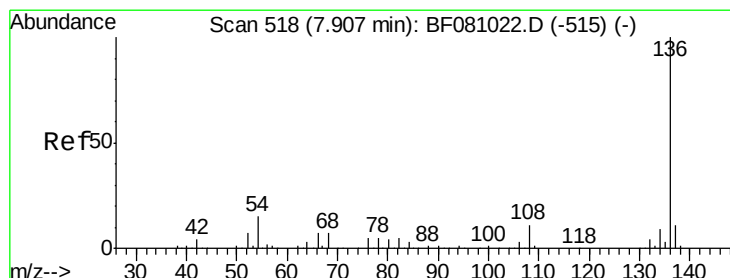
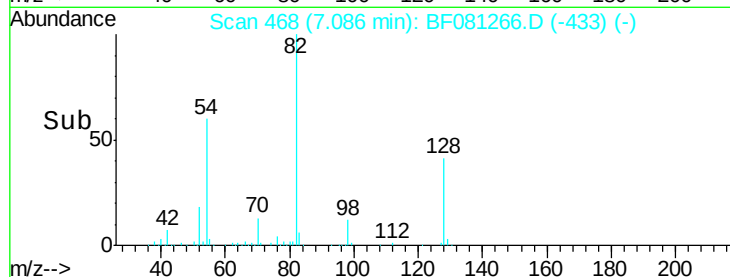
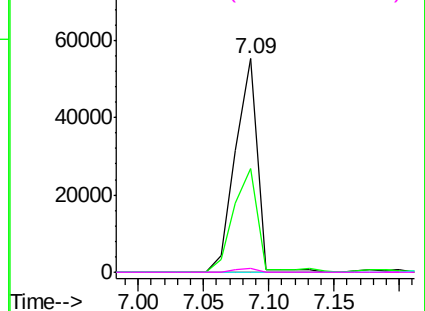


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.79 min Scan# 530

Delta R.T. -0.04 min

Lab File: BF081266.D

Acq: 28 Aug 2015 6:45

Tgt Ion: 136 Resp: 214755

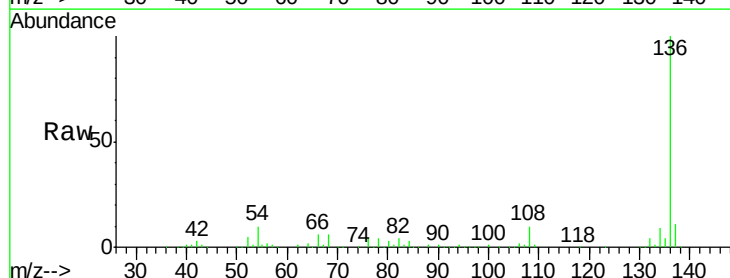
Ion Ratio Lower Upper

136 100

137 10.5 8.2 12.2

54 10.2 7.7 11.5

68 5.5 3.4 5.2#

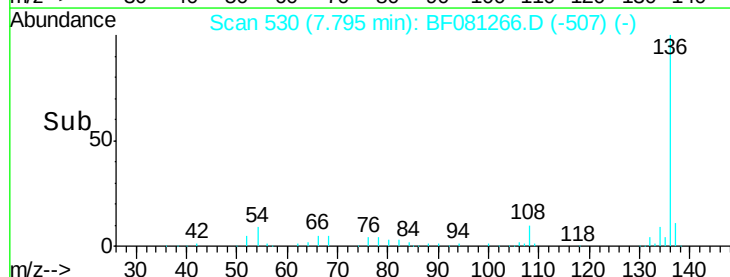
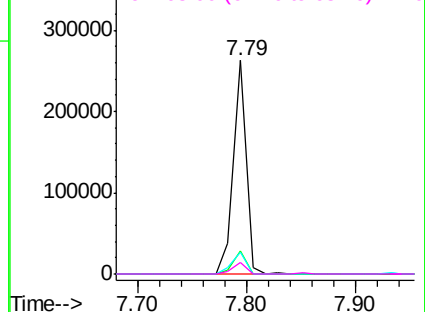


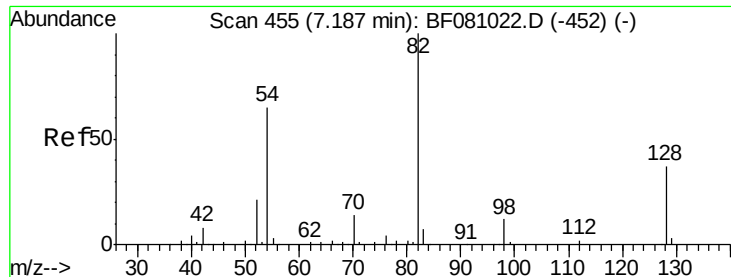
Abundance Ion 136.00 (135.70 to 136.70): E

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

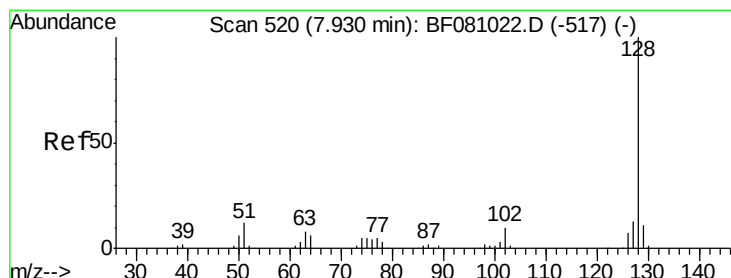
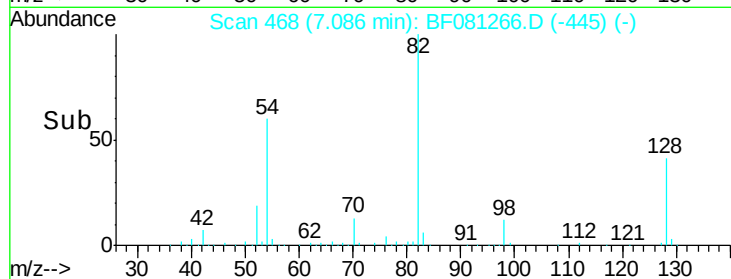
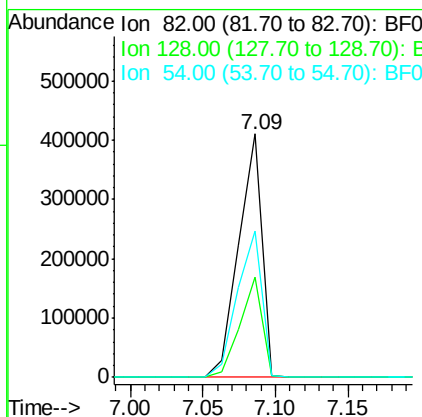
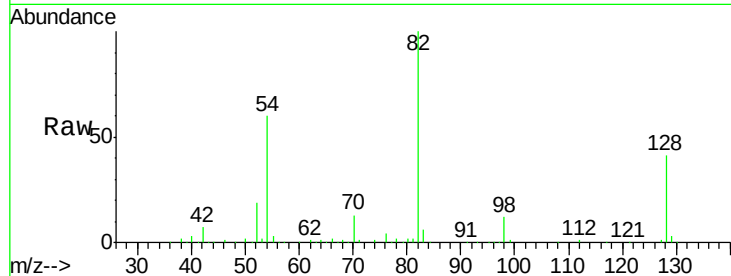




#23
 Nitrobenzene-d5
 Concen: 97.85 ng
 RT: 7.09 min Scan# 468
 Delta R.T. -0.04 min
 Lab File: BF081266.D
 Acq: 28 Aug 2015 6:45

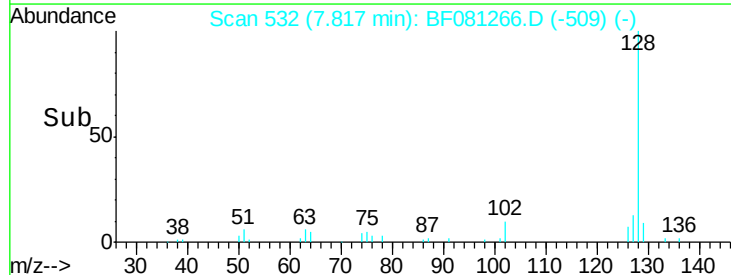
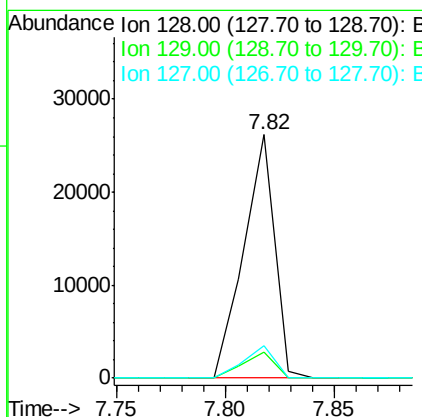
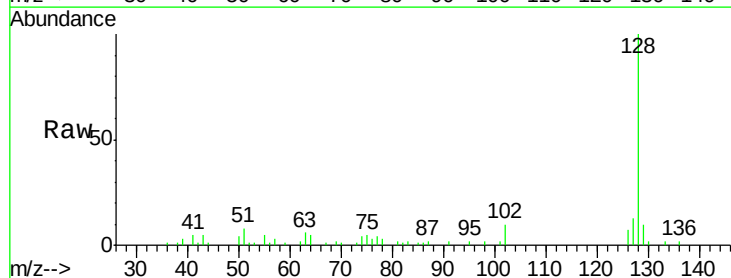
Instrument :
 BNA_F
 ClientSampleId :
 SB2(2-4)

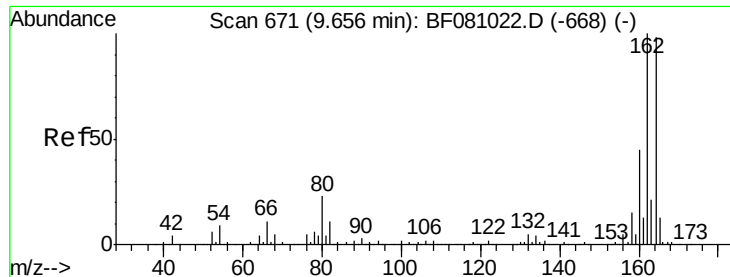
Tgt Ion: 82 Resp: 459992
 Ion Ratio Lower Upper
 82 100
 128 40.9 28.6 42.8
 54 60.0 55.1 82.7



#31
 Naphthalene
 Concen: 2.16 ng
 RT: 7.82 min Scan# 532
 Delta R.T. -0.04 min
 Lab File: BF081266.D
 Acq: 28 Aug 2015 6:45

Tgt Ion: 128 Resp: 25842
 Ion Ratio Lower Upper
 128 100
 129 10.4 8.4 12.6
 127 13.2 10.6 16.0

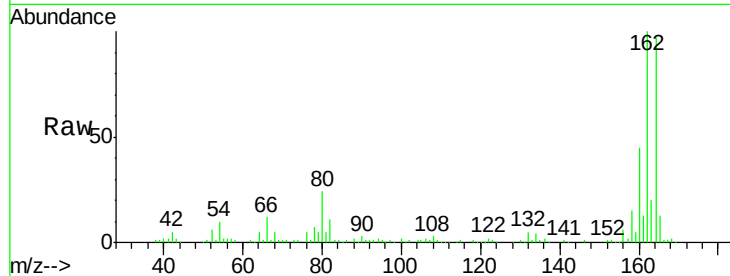




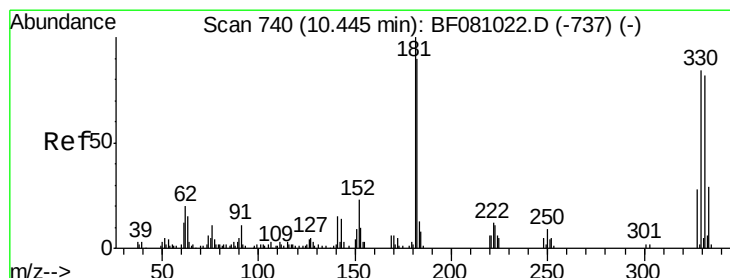
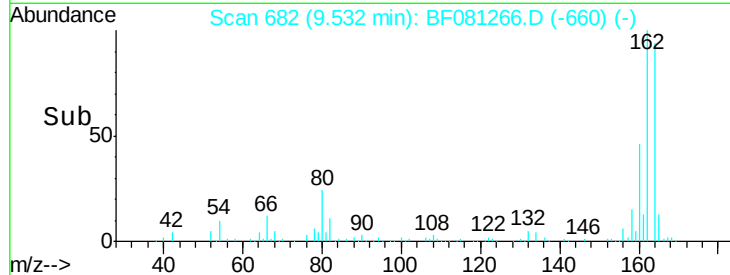
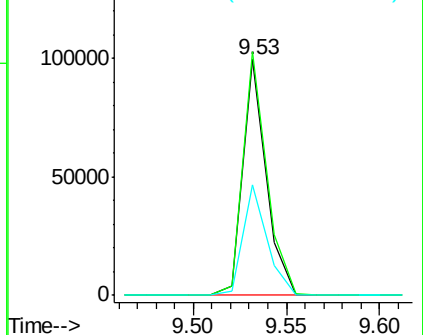
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 682
 Delta R.T. -0.05 min
 Lab File: BF081266.D
 Acq: 28 Aug 2015 6:45

Instrument :
 BNA_F
 ClientSampleId :
 SB2(2-4)

Tgt Ion:164 Resp: 86623
 Ion Ratio Lower Upper
 164 100
 162 103.4 83.8 125.8
 160 47.0 39.8 59.8

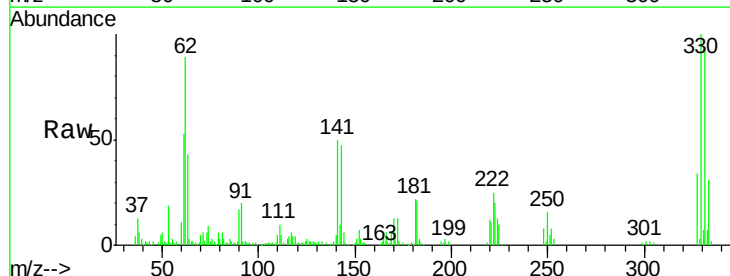


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

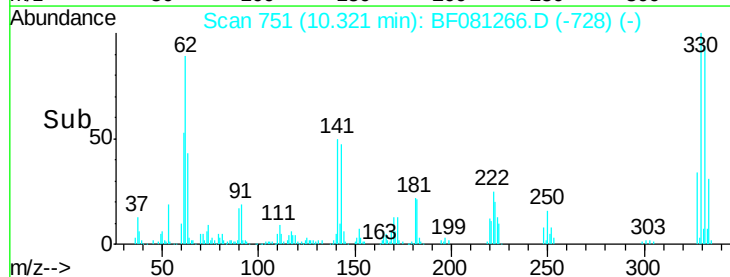
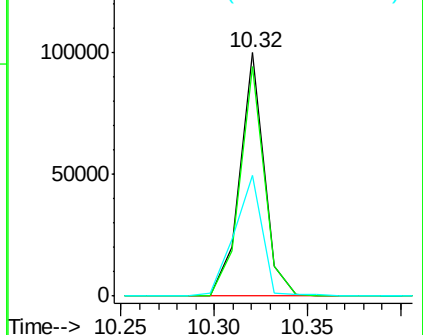


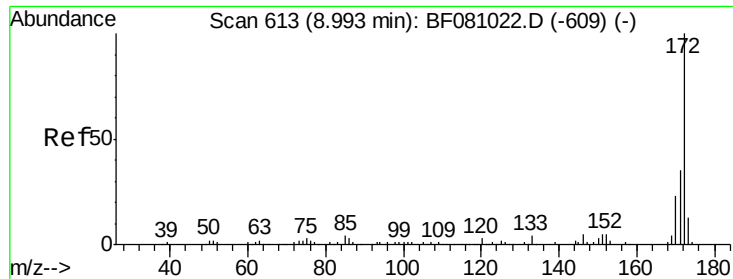
#41
 2,4,6-Tribromophenol
 Concen: 121.64 ng
 RT: 10.32 min Scan# 751
 Delta R.T. -0.04 min
 Lab File: BF081266.D
 Acq: 28 Aug 2015 6:45

Tgt Ion:330 Resp: 91339
 Ion Ratio Lower Upper
 330 100
 332 94.0 77.3 115.9
 141 58.6 44.9 67.3



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

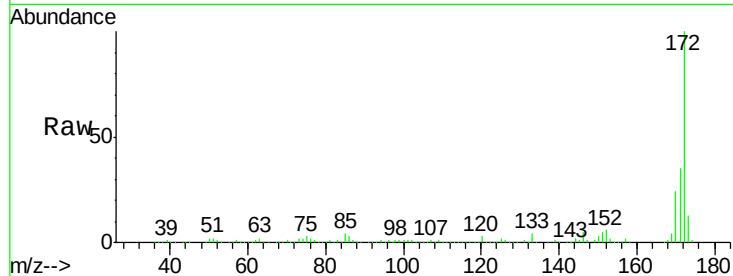




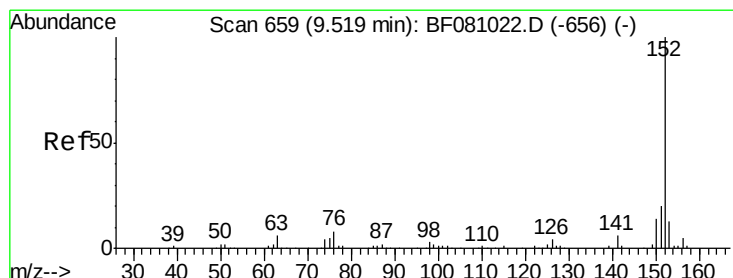
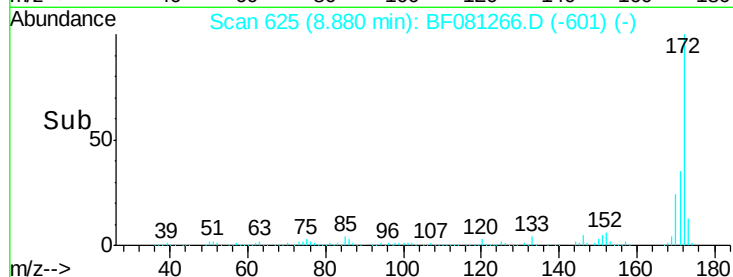
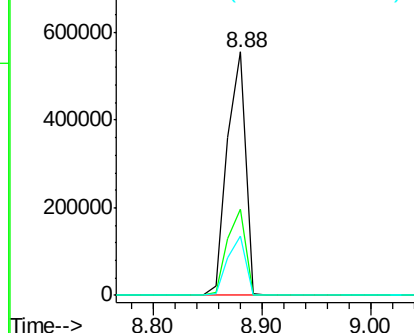
#44
2-Fluorobiphenyl
Concen: 97.68 ng
RT: 8.88 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF081266.D
Acq: 28 Aug 2015 6:45

Instrument :
BNA_F
ClientSampleId :
SB2(2-4)

Tgt Ion:172 Resp: 645779
Ion Ratio Lower Upper
172 100
171 35.3 28.9 43.3
170 24.1 19.4 29.2

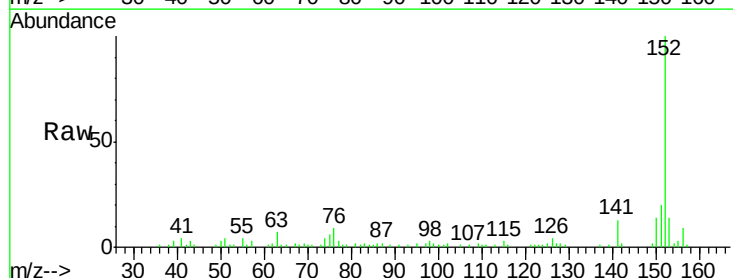


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

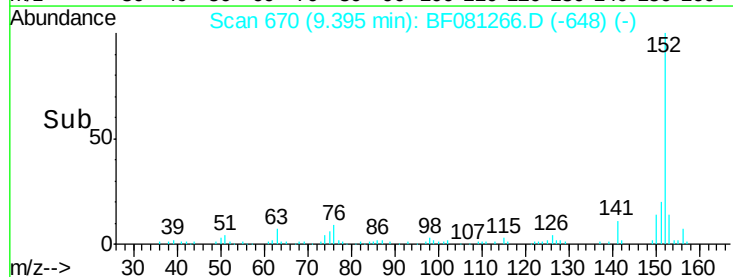
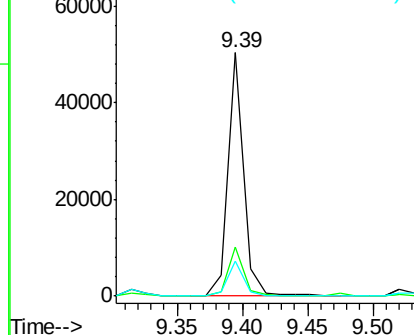


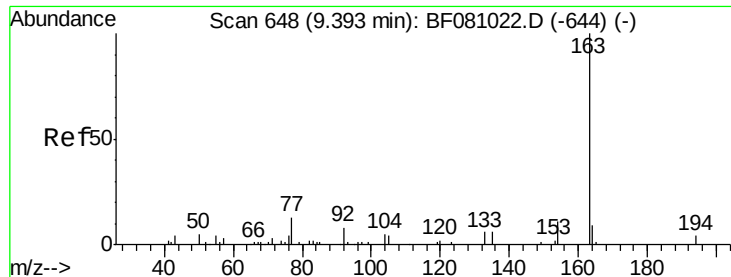
#48
Acenaphthylene
Concen: 3.89 ng
RT: 9.39 min Scan# 670
Delta R.T. -0.05 min
Lab File: BF081266.D
Acq: 28 Aug 2015 6:45

Tgt Ion:152 Resp: 42646
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 14.2 9.8 14.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 9.99 ng

RT: 9.27 min Scan# 659

Delta R.T. -0.05 min

Lab File: BF081266.D

Acq: 28 Aug 2015 6:45

Instrument :

BNA_F

ClientSampleId :

SB2(2-4)

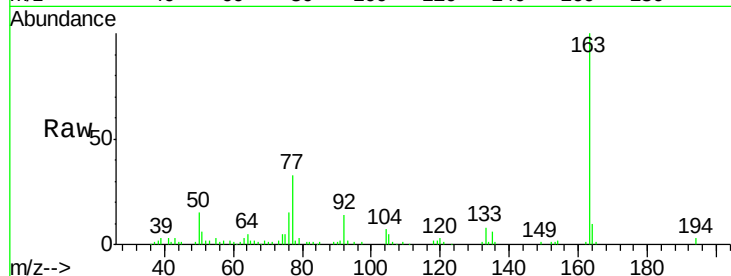
Tgt Ion:163 Resp: 71267

Ion Ratio Lower Upper

163 100

194 2.8 2.5 3.7

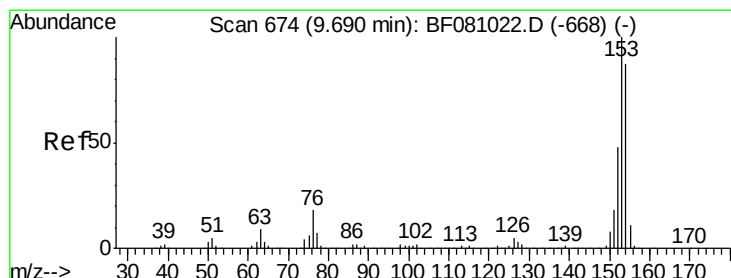
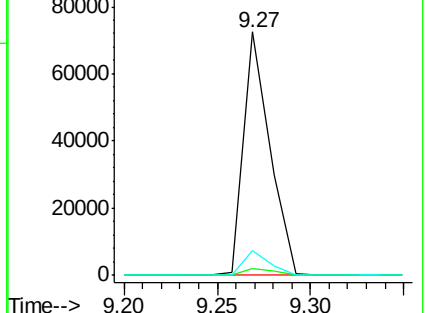
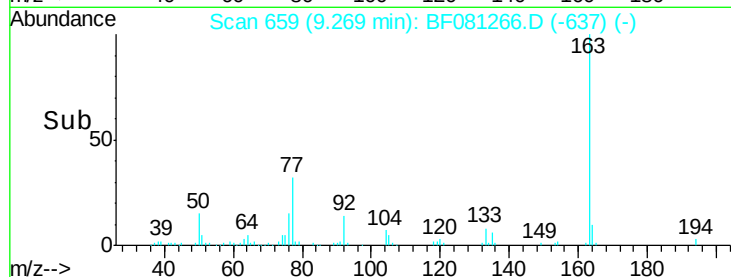
164 10.4 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

Acenaphthene

Concen: 7.05 ng

RT: 9.57 min Scan# 685

Delta R.T. -0.05 min

Lab File: BF081266.D

Acq: 28 Aug 2015 6:45

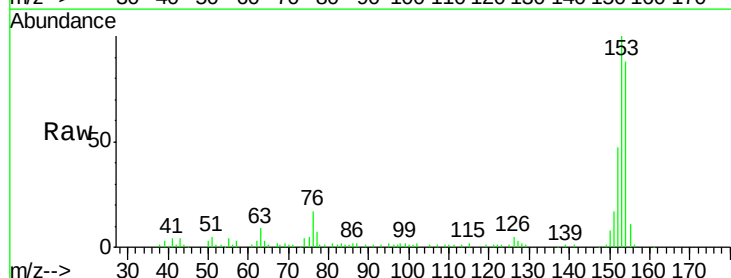
Tgt Ion:154 Resp: 46298

Ion Ratio Lower Upper

154 100

153 113.9 91.4 137.2

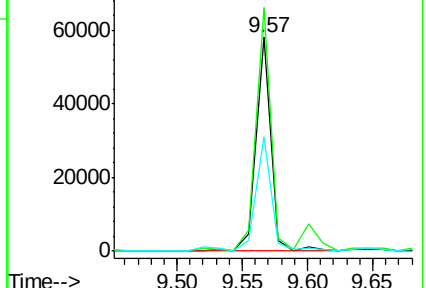
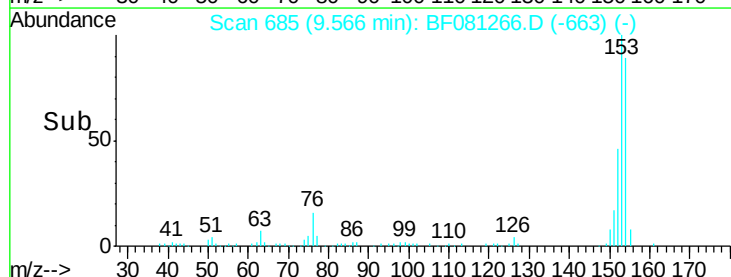
152 53.3 43.7 65.5

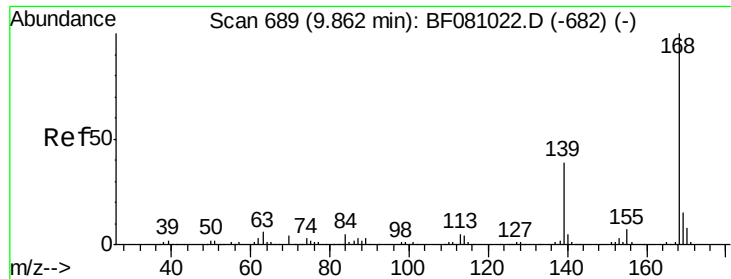


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

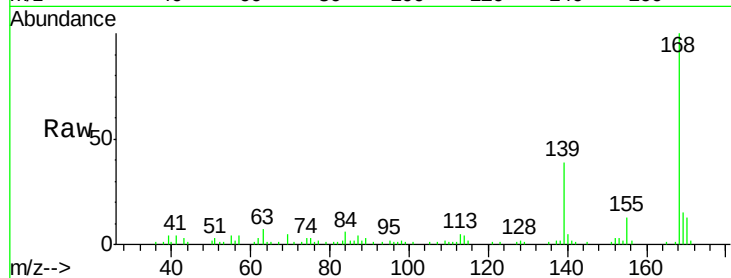




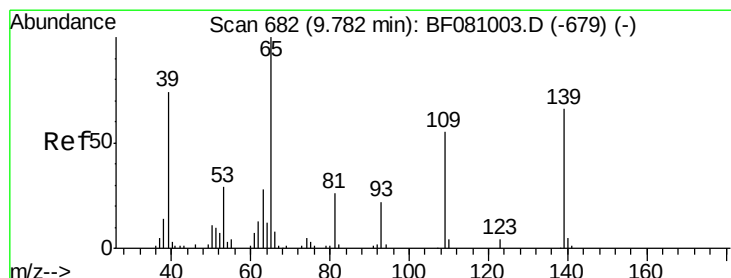
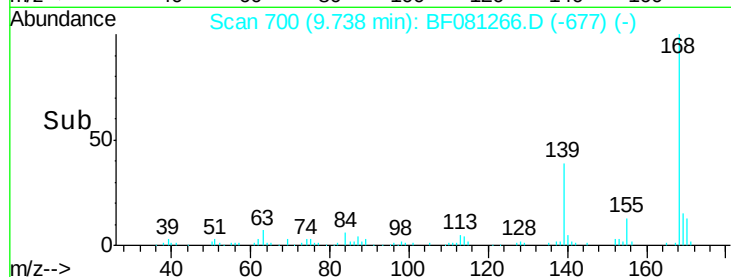
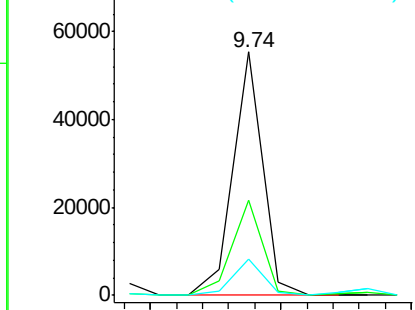
#54
Dibenzofuran
Concen: 4.99 ng
RT: 9.74 min Scan# 700
Delta R.T. -0.04 min
Lab File: BF081266.D
Acq: 28 Aug 2015 6:45

Instrument :
BNA_F
ClientSampleId :
SB2(2-4)

Tgt Ion:168 Resp: 43925
Ion Ratio Lower Upper
168 100
139 39.0 29.3 43.9
169 14.9 10.3 15.5

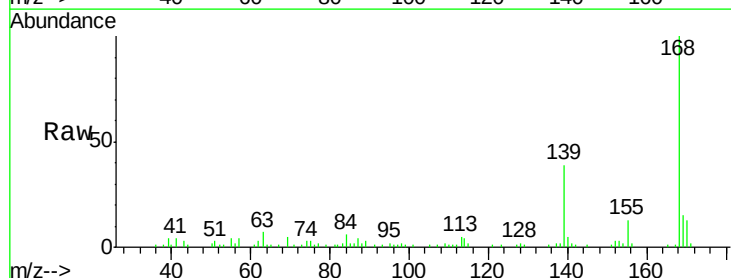


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

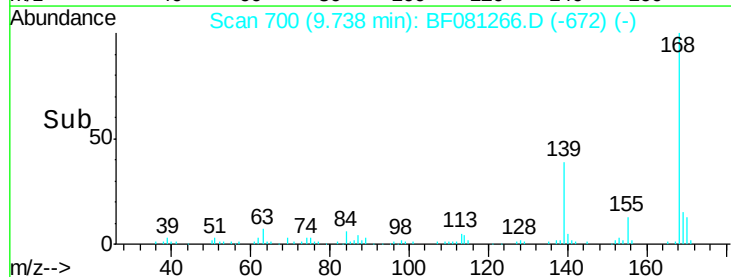
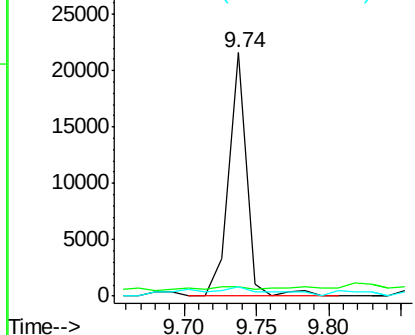


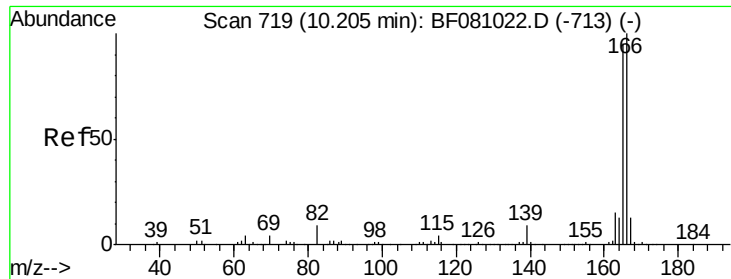
#55
4-Nitrophenol
Concen: 13.65 ng
RT: 9.74 min Scan# 700
Delta R.T. 0.02 min
Lab File: BF081266.D
Acq: 28 Aug 2015 6:45

Tgt Ion:139 Resp: 18380
Ion Ratio Lower Upper
139 100
109 4.0 80.0 120.0#
65 3.6 138.3 178.3#



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

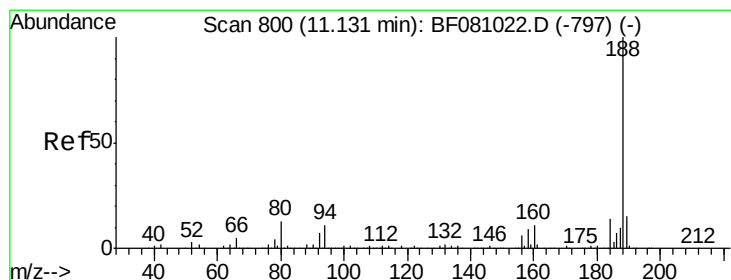
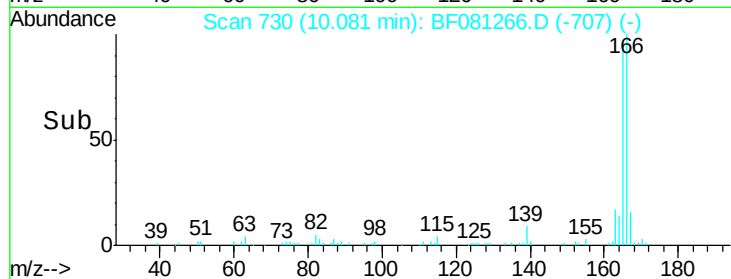
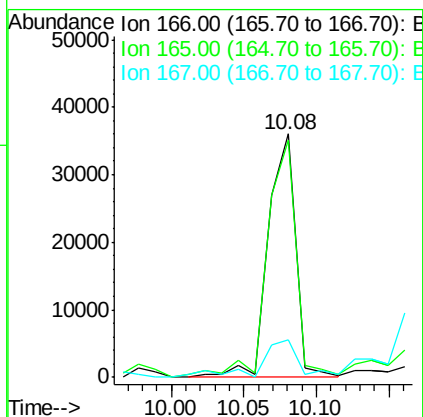
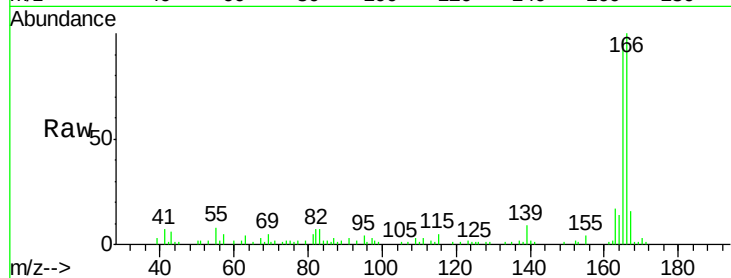




#57
Fluorene
 Concen: 6.95 ng
 RT: 10.08 min Scan# 730
 Delta R.T. -0.04 min
 Lab File: BF081266.D
 Acq: 28 Aug 2015 6:45

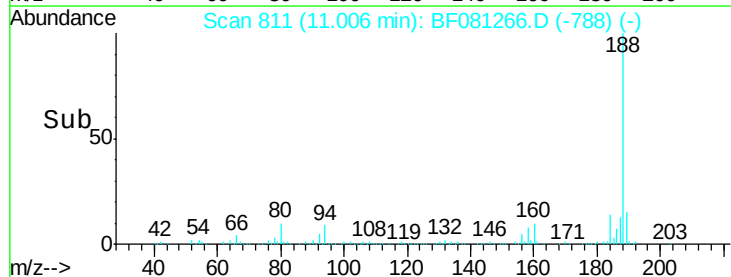
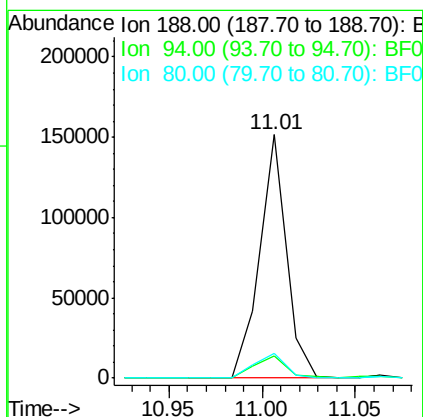
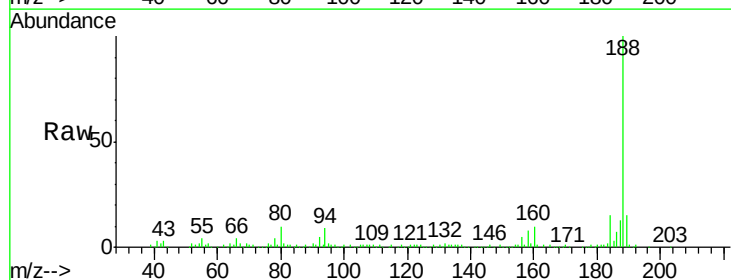
Instrument :
 BNA_F
 ClientSampleId :
 SB2(2-4)

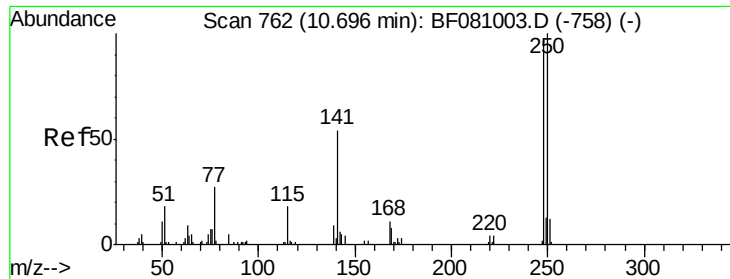
Tgt Ion:166 Resp: 47011
 Ion Ratio Lower Upper
 166 100
 165 97.5 75.8 113.8
 167 15.6 11.3 16.9



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.01 min Scan# 811
 Delta R.T. -0.04 min
 Lab File: BF081266.D
 Acq: 28 Aug 2015 6:45

Tgt Ion:188 Resp: 150951
 Ion Ratio Lower Upper
 188 100
 94 9.3 8.2 12.2
 80 10.0 9.5 14.3

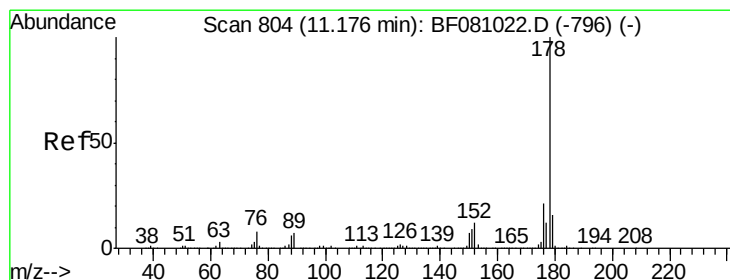
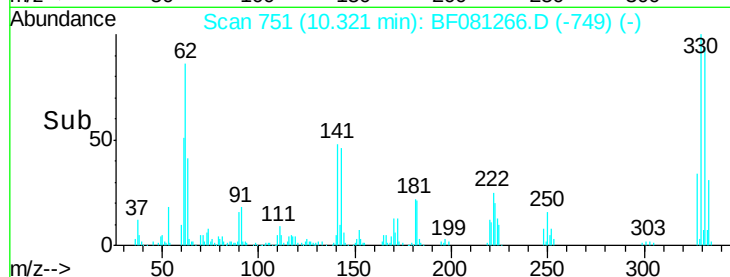
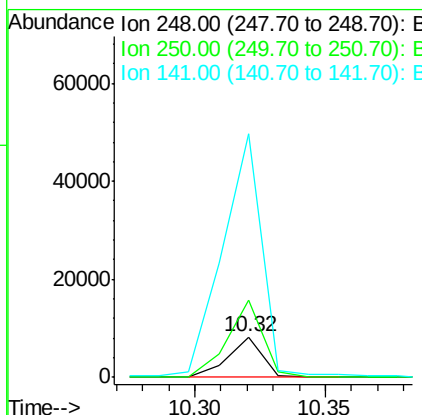
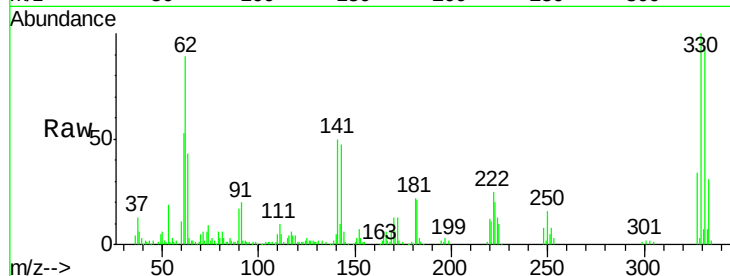




#66
 4-Bromophenyl-phenylether
 Concen: 5.12 ng
 RT: 10.32 min Scan# 751
 Delta R.T. -0.28 min
 Lab File: BF081266.D
 Acq: 28 Aug 2015 6:45

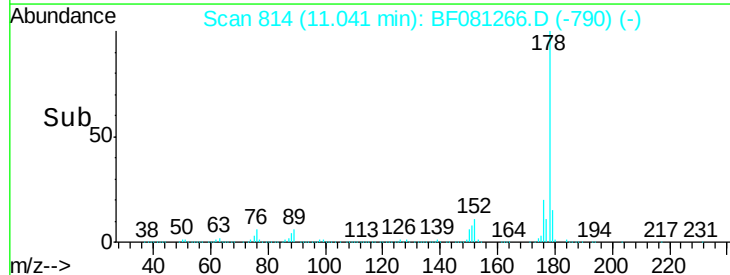
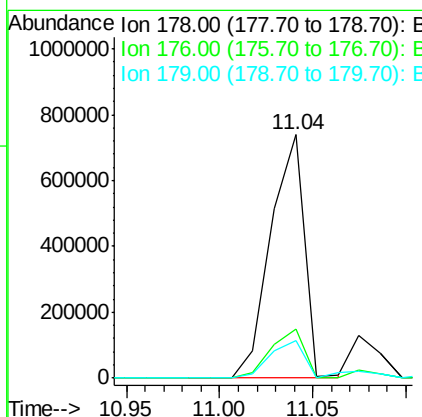
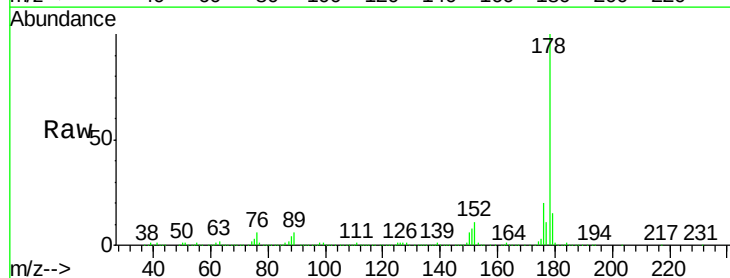
Instrument :
 BNA_F
 ClientSampleId :
 SB2(2-4)

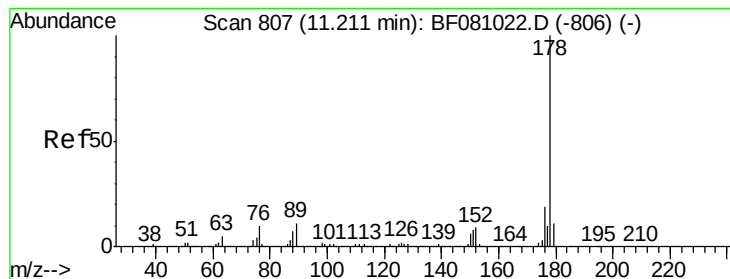
Tgt Ion: 248 Resp: 7586
 Ion Ratio Lower Upper
 248 100
 250 191.0 77.8 116.6#
 141 601.5 39.8 59.6#



#70
 Phenanthrene
 Concen: 103.51 ng
 RT: 11.04 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BF081266.D
 Acq: 28 Aug 2015 6:45

Tgt Ion: 178 Resp: 925967
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.7 23.5
 179 15.5 12.2 18.2





#71

Anthracene

Concen: 15.65 ng

RT: 11.07 min Scan# 817

Delta R.T. -0.05 min

Lab File: BF081266.D

Acq: 28 Aug 2015 6:45

Instrument :

BNA_F

ClientSampleId :

SB2(2-4)

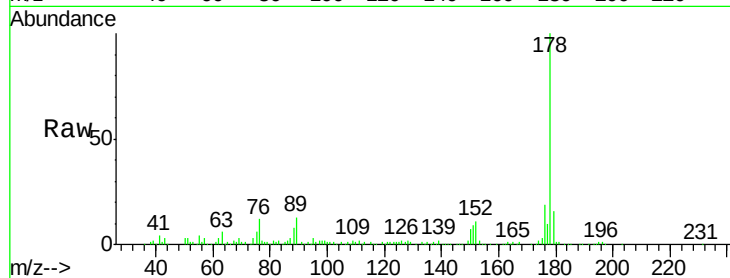
Tgt Ion:178 Resp: 136227

Ion Ratio Lower Upper

178 100

176 18.6 15.7 23.5

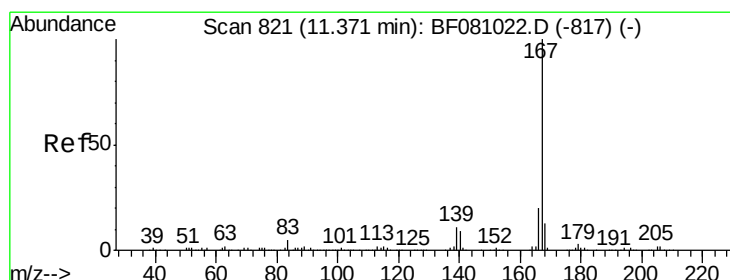
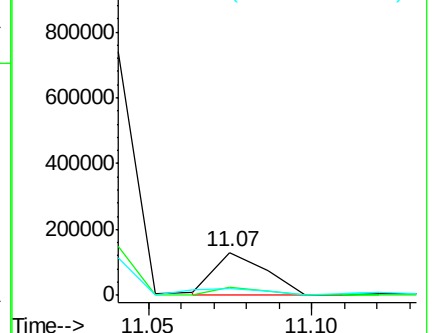
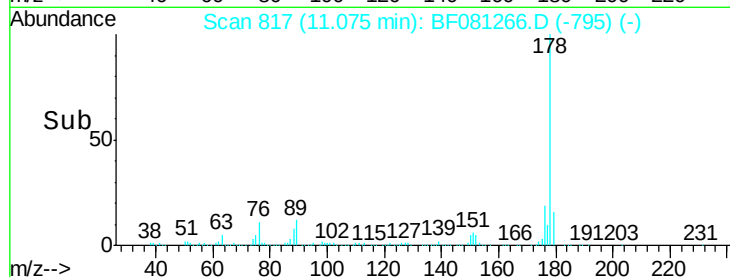
179 16.2 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 10.32 ng

RT: 11.23 min Scan# 831

Delta R.T. -0.05 min

Lab File: BF081266.D

Acq: 28 Aug 2015 6:45

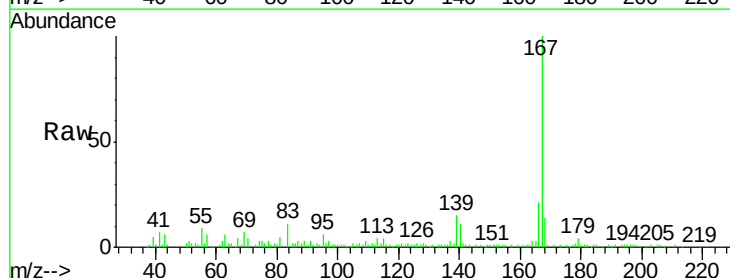
Tgt Ion:167 Resp: 86494

Ion Ratio Lower Upper

167 100

166 21.3 17.4 26.0

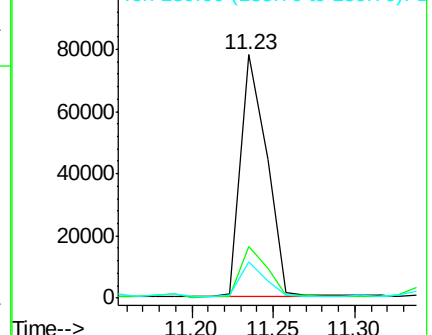
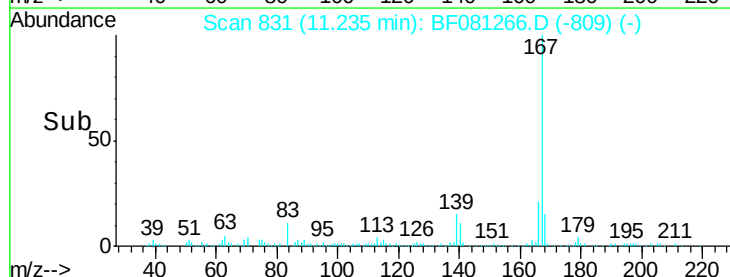
139 15.1 10.6 16.0

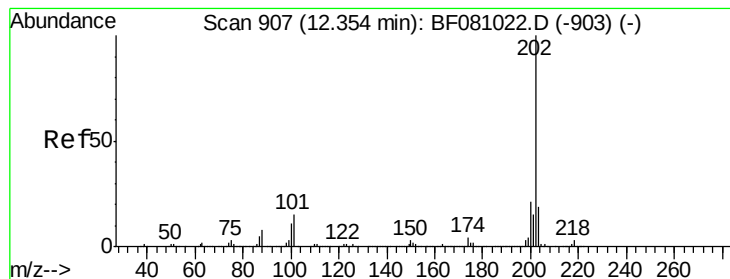


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 88.93 ng

RT: 12.22 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF081266.D

Acq: 28 Aug 2015 6:45

Instrument :

BNA_F

ClientSampleId :

SB2(2-4)

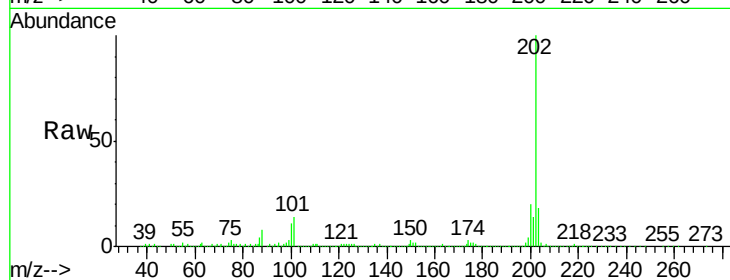
Tgt Ion:202 Resp: 858461

Ion Ratio Lower Upper

202 100

101 13.9 0.0 24.8

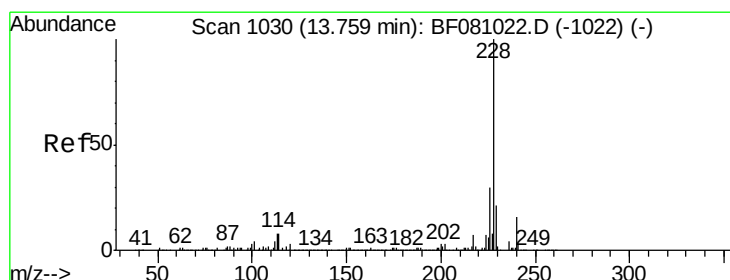
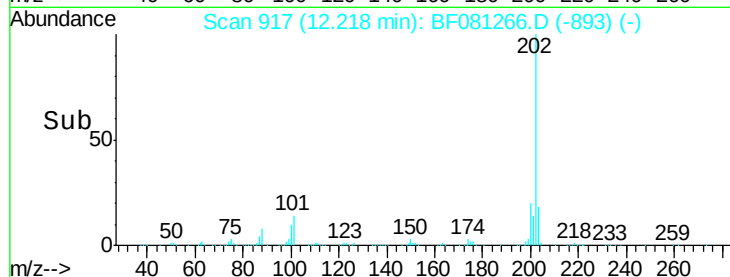
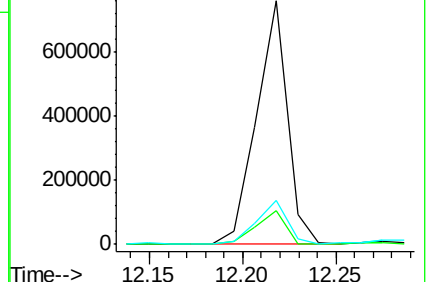
203 18.2 0.0 36.9



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: 13.65 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF081266.D

Acq: 28 Aug 2015 6:45

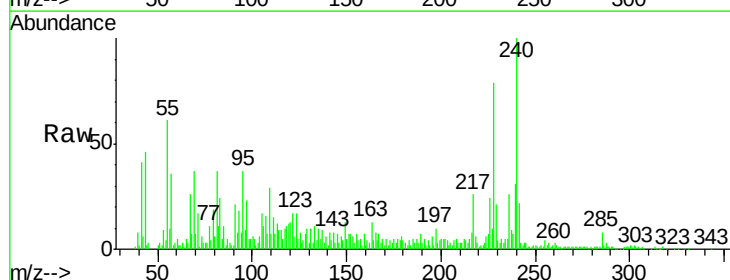
Tgt Ion:240 Resp: 106362

Ion Ratio Lower Upper

240 100

120 12.9 5.6 8.4#

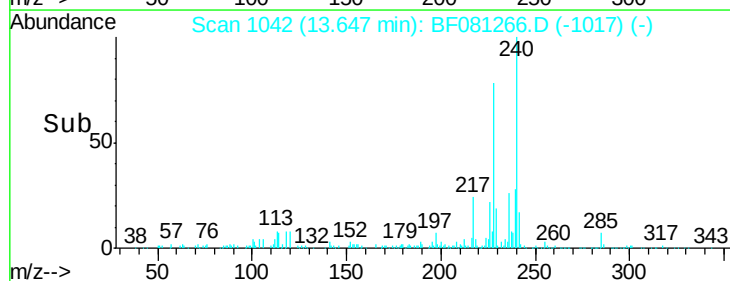
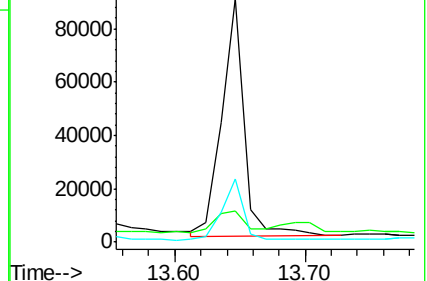
236 26.0 20.6 30.8

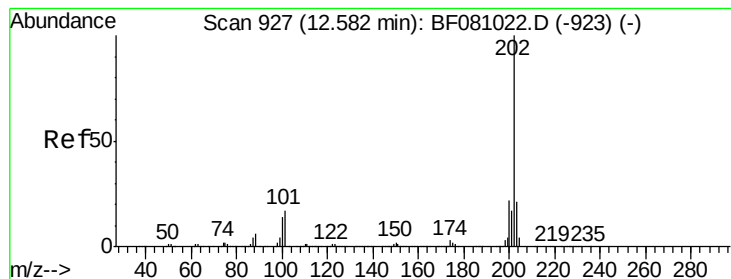


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 96.02 ng

RT: 12.45 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF081266.D

Acq: 28 Aug 2015 6:45

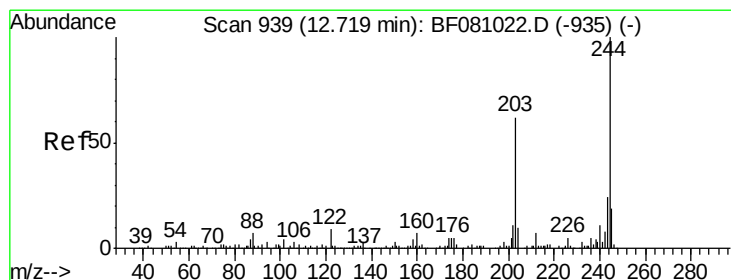
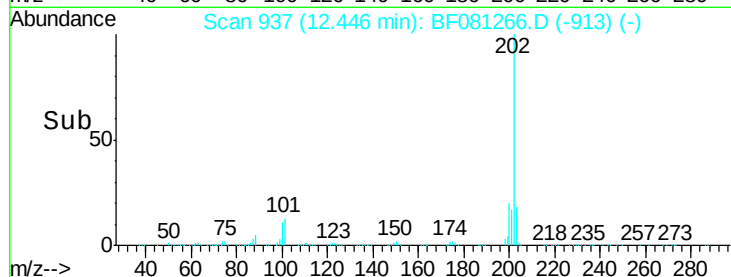
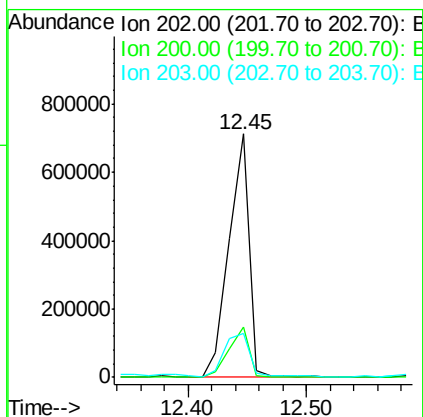
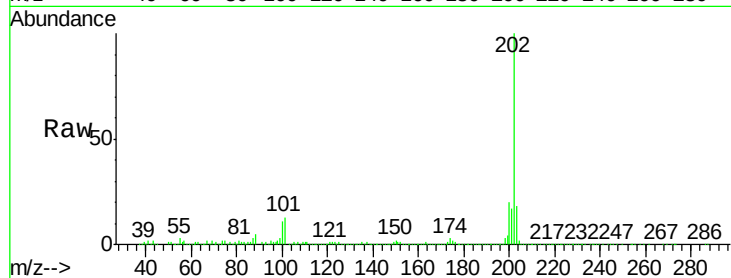
Instrument :

BNA_F

ClientSampleId :

SB2(2-4)

Tgt Ion:	202	Resp:	830289
Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	24.8
203	18.2	14.1	21.1



#78

Terphenyl-d14

Concen: 76.11 ng

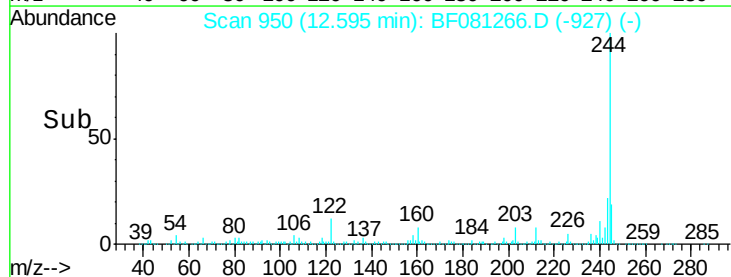
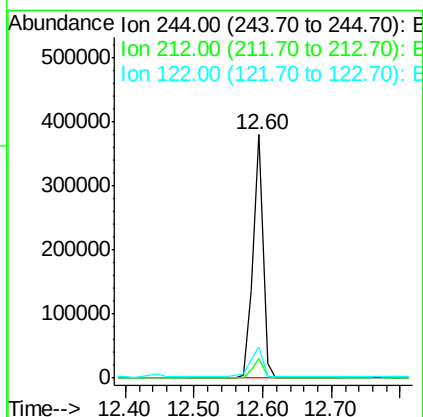
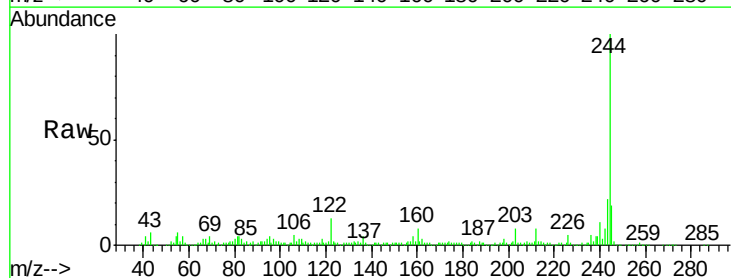
RT: 12.60 min Scan# 950

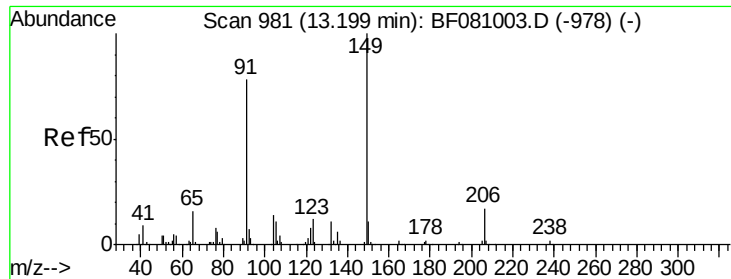
Delta R.T. -0.04 min

Lab File: BF081266.D

Acq: 28 Aug 2015 6:45

Tgt Ion:	244	Resp:	377613
Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	12.6	8.2	12.4#

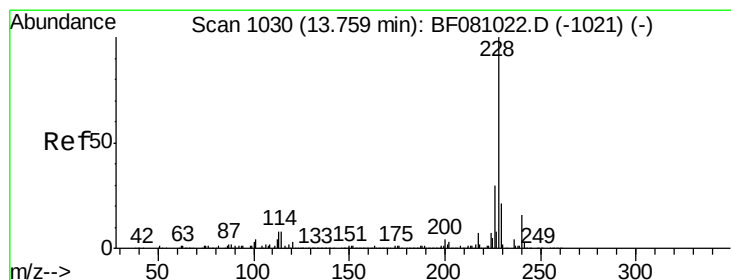
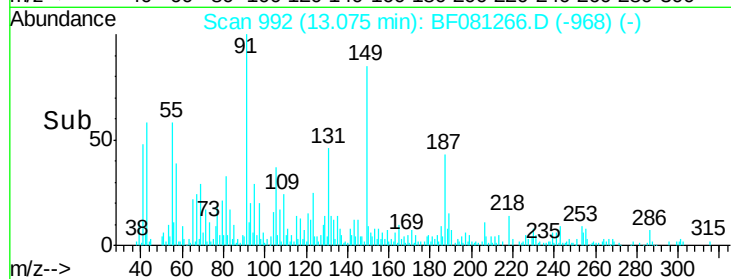
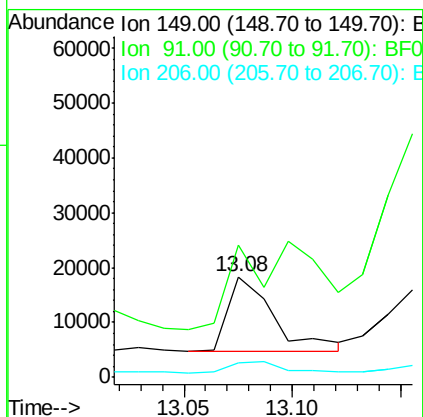
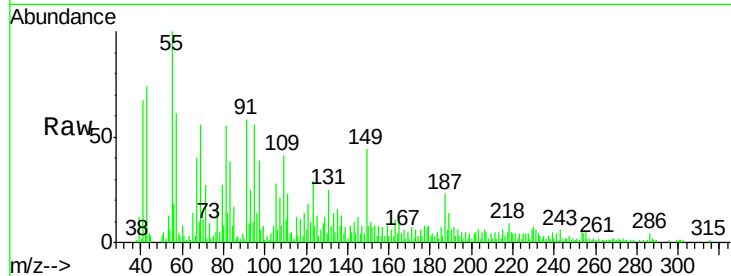




#79
Butylbenzylphthalate
Concen: 5.42 ng
RT: 13.08 min Scan# 992
Delta R.T. -0.02 min
Lab File: BF081266.D
Acq: 28 Aug 2015 6:45

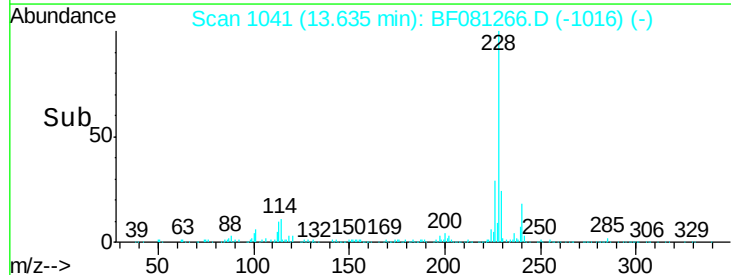
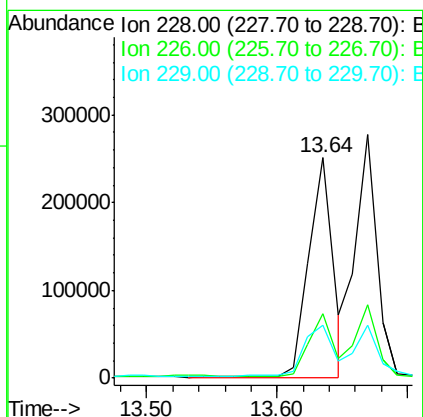
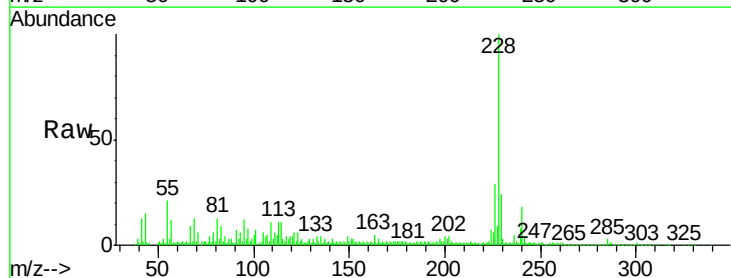
Instrument :
BNA_F
ClientSampleId :
SB2(2-4)

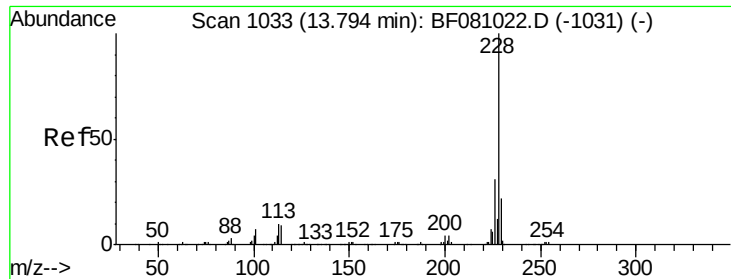
Tgt Ion	Resp	Lower	Upper
149	100		
91	131.6	46.9	70.3#
206	14.2	17.0	25.4#



#80
Benzo(a)anthracene
Concen: 44.70 ng
RT: 13.64 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF081266.D
Acq: 28 Aug 2015 6:45

Tgt Ion	Resp	Lower	Upper
228	100		
226	29.4	22.3	33.5
229	24.2	15.9	23.9#

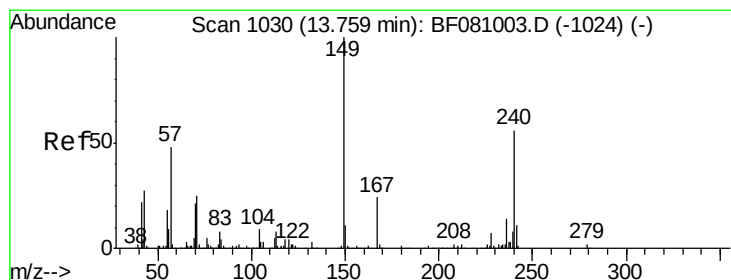
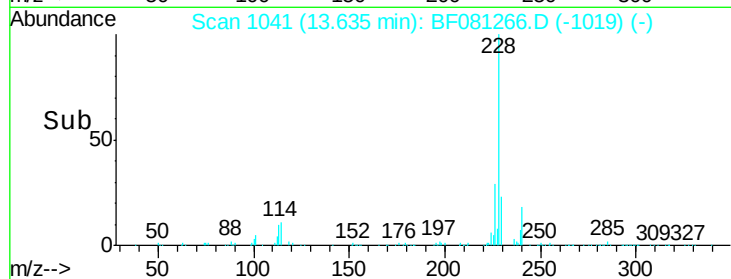
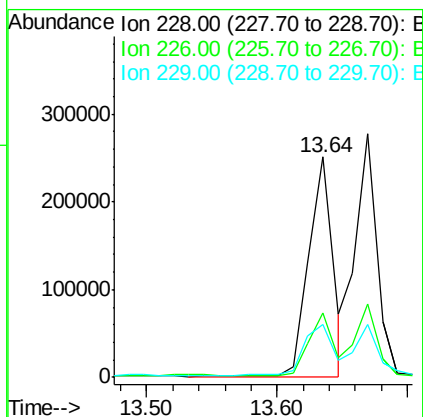
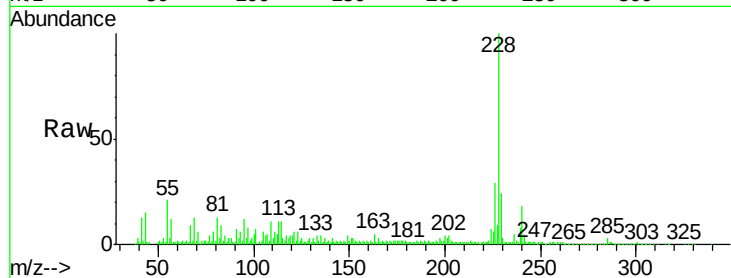




#82
Chrysene
 Concen: 49.61 ng
 RT: 13.64 min Scan# 1041
 Delta R.T. -0.05 min
 Lab File: BF081266.D
 Acq: 28 Aug 2015 6:45

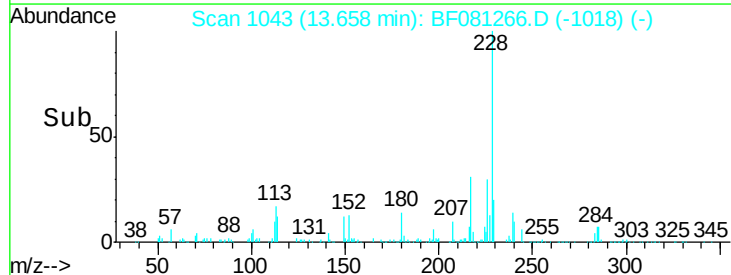
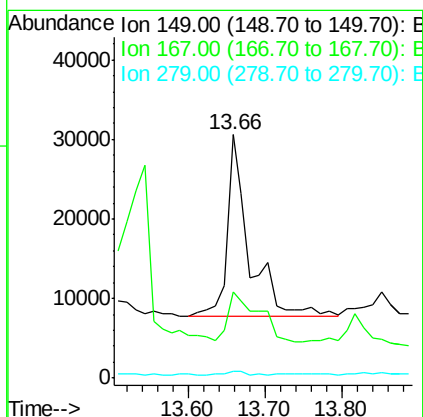
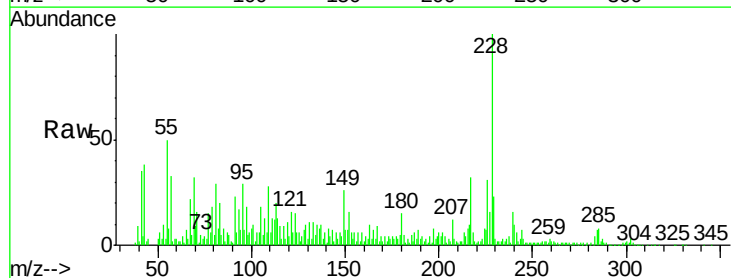
Instrument :
 BNA_F
 ClientSampleId :
 SB2(2-4)

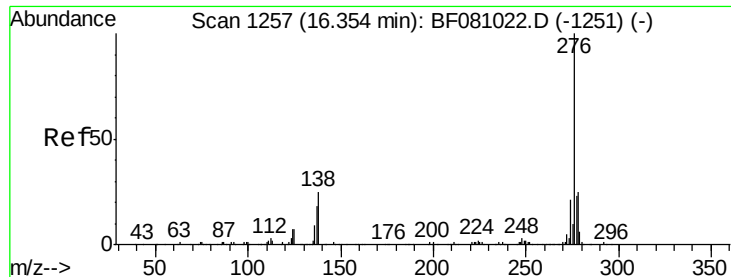
Tgt Ion: 228 Resp: 318879
 Ion Ratio Lower Upper
 228 100
 226 29.4 24.4 36.6
 229 24.2 16.0 24.0#



#83
Bis(2-ethylhexyl)phthalate
 Concen: 9.80 ng
 RT: 13.66 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF081266.D
 Acq: 28 Aug 2015 6:45

Tgt Ion: 149 Resp: 46646
 Ion Ratio Lower Upper
 149 100
 167 35.5 20.7 31.1#
 279 3.0 2.2 3.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 26.09 ng

RT: 16.15 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BF081266.D

Acq: 28 Aug 2015 6:45

Instrument :

BNA_F

ClientSampleId :

SB2(2-4)

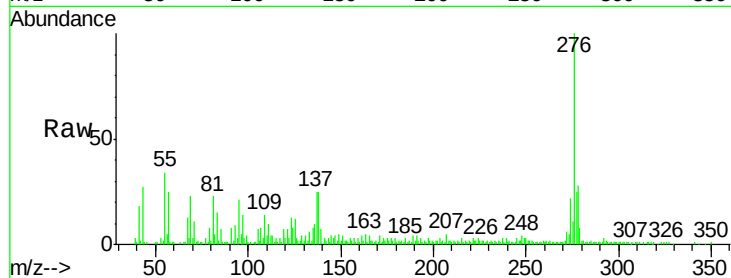
Tgt Ion:276 Resp: 117747

Ion Ratio Lower Upper

276 100

138 23.3 18.6 28.0

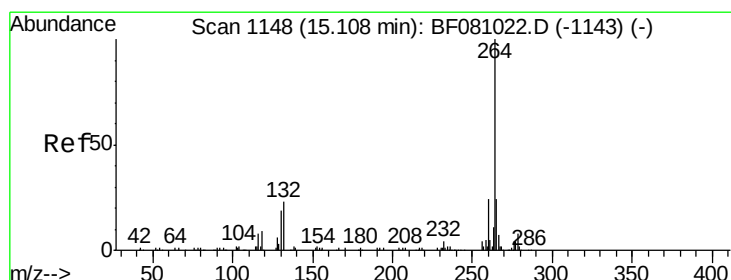
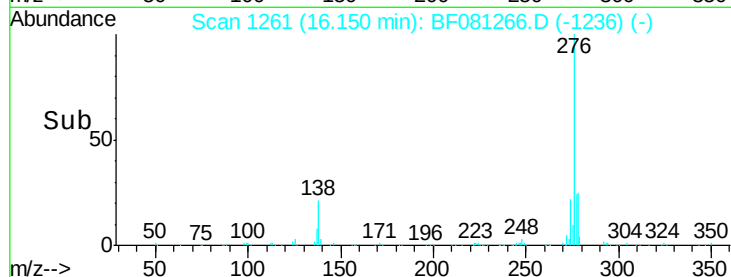
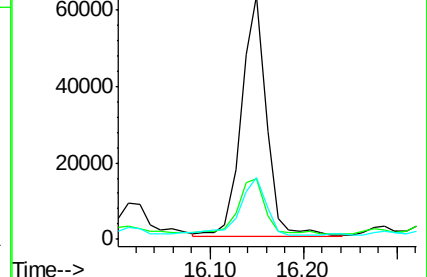
277 25.1 19.8 29.8



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: 14.97 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BF081266.D

Acq: 28 Aug 2015 6:45

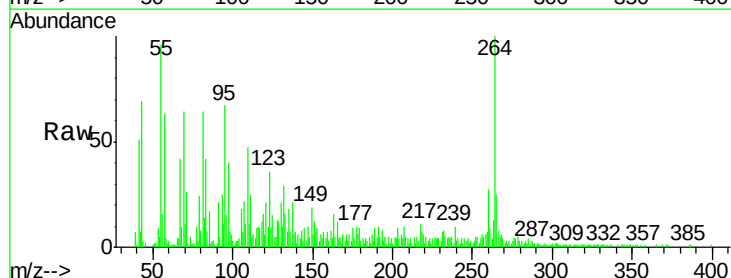
Tgt Ion:264 Resp: 70527

Ion Ratio Lower Upper

264 100

260 26.8 19.6 29.4

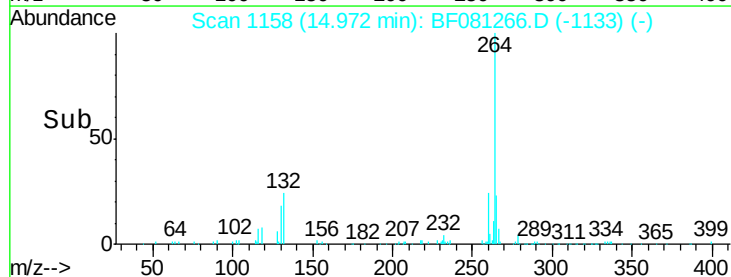
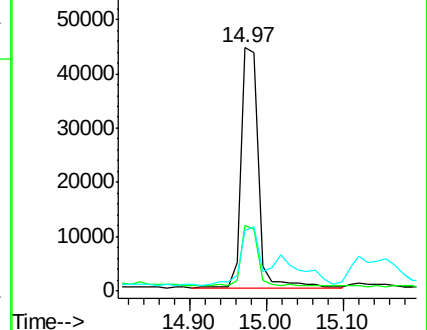
265 25.0 17.5 26.3

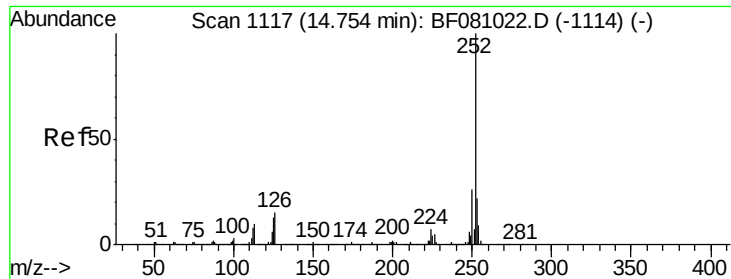


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

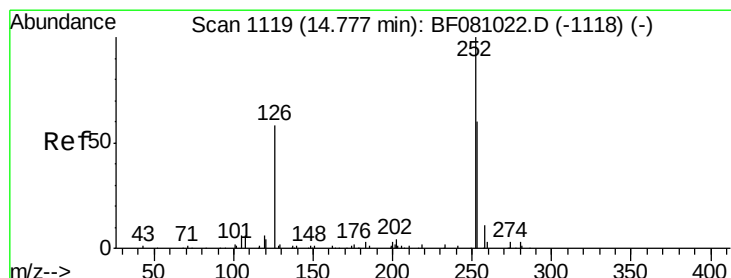
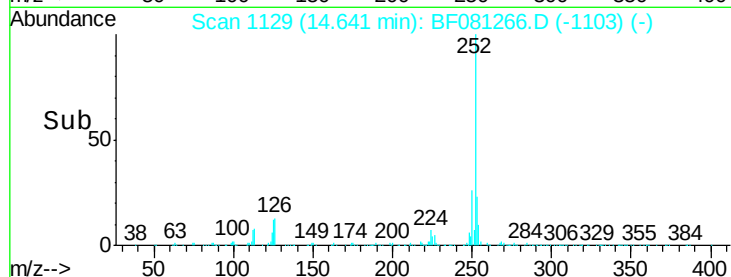
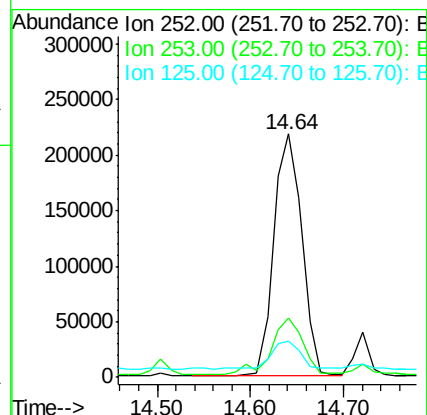
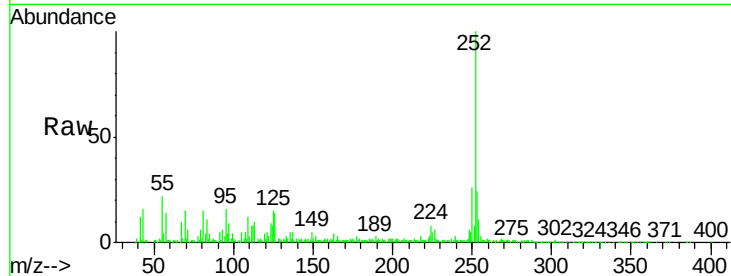




#87
Benzo(b)fluoranthene
Concen: 92.85 ng
RT: 14.64 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF081266.D
Acq: 28 Aug 2015 6:45

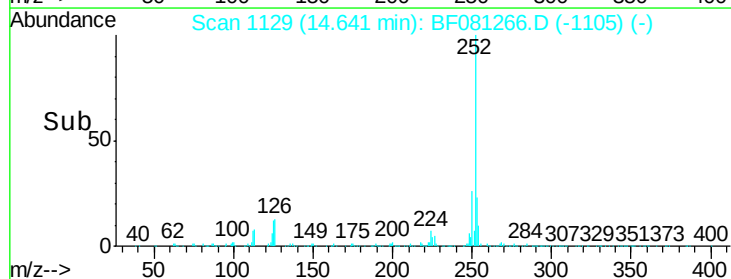
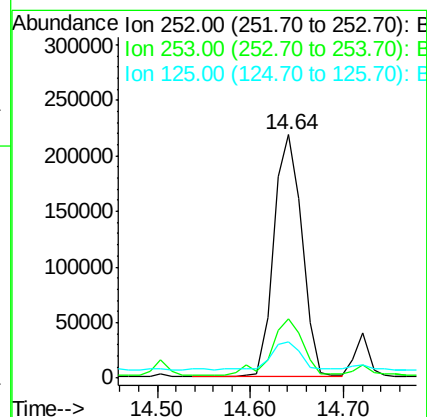
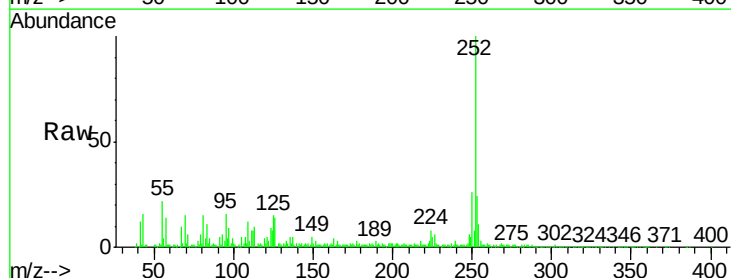
Instrument :
BNA_F
ClientSampleId :
SB2(2-4)

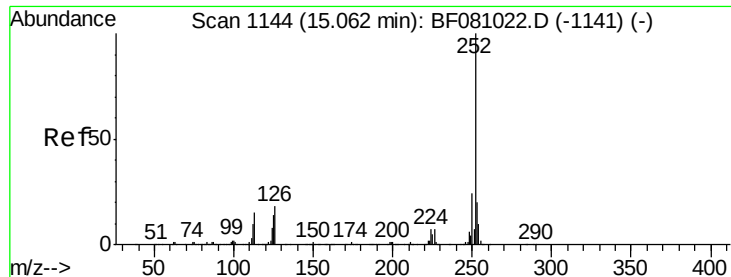
Tgt Ion:252 Resp: 463201
Ion Ratio Lower Upper
252 100
253 24.2 17.1 25.7
125 15.1 8.0 12.0#



#88
Benzo(k)fluoranthene
Concen: 99.65 ng
RT: 14.64 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BF081266.D
Acq: 28 Aug 2015 6:45

Tgt Ion:252 Resp: 463201
Ion Ratio Lower Upper
252 100
253 24.2 17.6 26.4
125 15.1 10.3 15.5





#89

Benzo(a)pyrene

Concen: 44.32 ng

RT: 14.93 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF081266.D

Acq: 28 Aug 2015 6:45

Instrument :

BNA_F

ClientSampleId :

SB2(2-4)

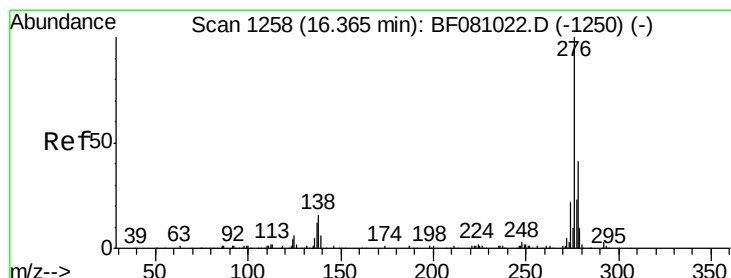
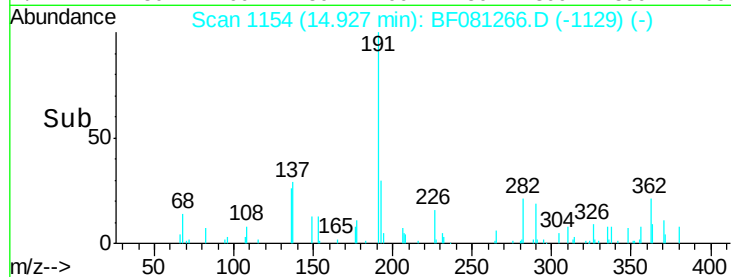
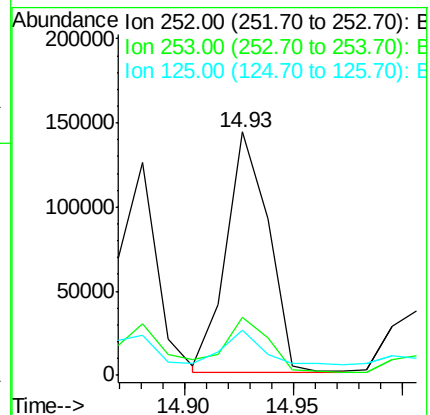
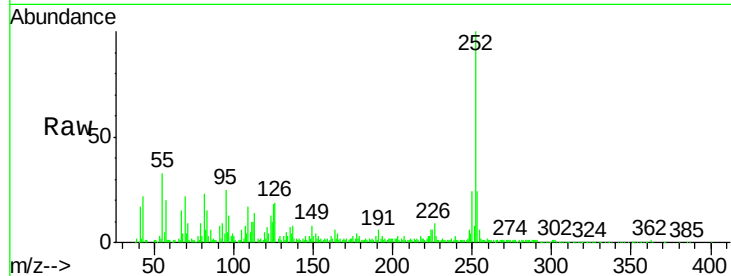
Tgt Ion: 252 Resp: 192659

Ion Ratio Lower Upper

252 100

253 23.7 16.6 25.0

125 18.4 7.8 11.8#



#90

Dibenzo(a,h)anthracene

Concen: 10.30 ng

RT: 16.15 min Scan# 1261

Delta R.T. -0.04 min

Lab File: BF081266.D

Acq: 28 Aug 2015 6:45

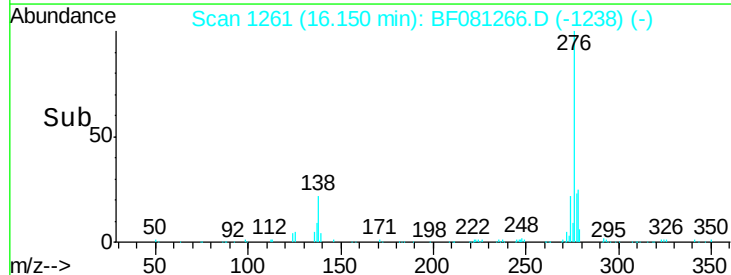
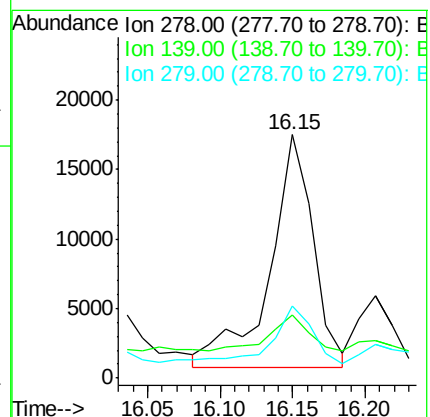
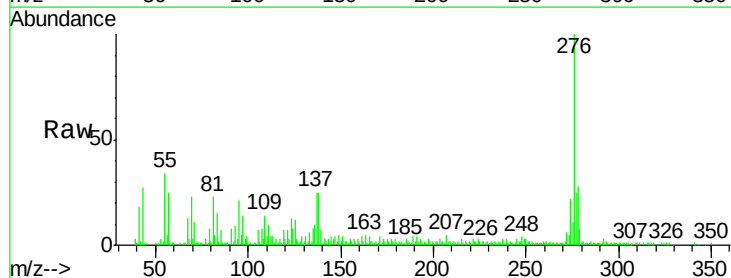
Tgt Ion: 278 Resp: 34873

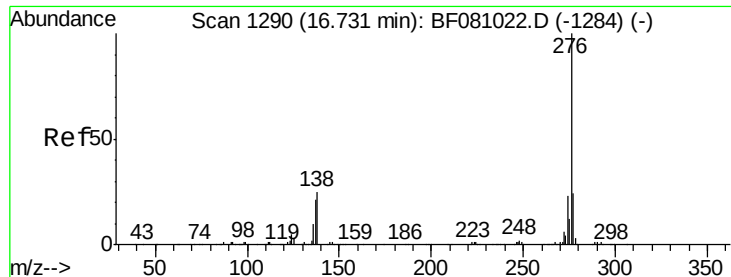
Ion Ratio Lower Upper

278 100

139 25.7 10.8 16.2#

279 29.8 19.0 28.6#





#91

Benzo(g,h,i)perylene

Concen: 29.33 ng

RT: 16.49 min Scan# 1291

Delta R.T. -0.02 min

Lab File: BF081266.D

Acq: 28 Aug 2015 6:45

Instrument :

BNA_F

ClientSampleId :

SB2(2-4)

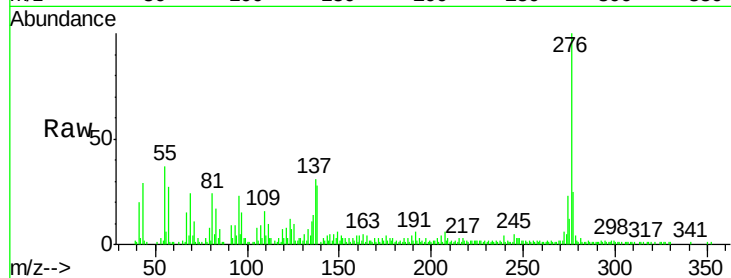
Tgt Ion: 276 Resp: 100799

Ion Ratio Lower Upper

276 100

277 25.2 18.2 27.2

138 27.6 13.7 20.5#



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

