

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090815\
 Data File : BF081552.D
 Acq On : 9 Sep 2015 8:17
 Operator : UM/IZ
 Sample : G3519-01DL 2X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 09 09:13:07 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 08 15:49:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.34	152	48541	20.00	ng	0.00
21) Naphthalene-d8	7.63	136	176980	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	78270	20.00	ng	0.00
63) Phenanthrene-d10	10.87	188	126286	20.00	ng	0.02
75) Chrysene-d12	13.47	240	103555	20.00	ng	0.02
86) Perylene-d12	14.79	264	78939	20.00	ng	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.88	112	221498	70.80	ng	0.00
7) Phenol-d6	6.01	99	296381	71.57	ng	-0.01
23) Nitrobenzene-d5	6.92	82	210375	57.35	ng	0.00
41) 2,4,6-Tribromophenol	10.17	330	42287	60.68	ng	0.01
44) 2-Fluorobiphenyl	8.72	172	266393	43.62	ng	0.00
78) Terphenyl-d14	12.44	244	190082	42.73	ng	0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Pyridine	2.19	79	8278	2.14	ng	# 27
9) Benzaldehyde	5.88	77	5845	2.25	ng	# 1
12) 1,3-Dichlorobenzene	6.28	146	44333	12.04	ng	# 94
13) 1,4-Dichlorobenzene	6.36	146	247508	65.99	ng	# 88
14) 1,2-Dichlorobenzene	6.36	146	247508	73.29	ng	# 90
15) Benzyl Alcohol	6.50	79	6927	2.04	ng	# 34
25) Isophorone	7.27	82	13853	2.03	ng	# 43
30) 1,2,4-Trichlorobenzene	7.59	180	15545	5.75	ng	# 97
31) Naphthalene	7.66	128	37420	3.96	ng	# 97
32) Benzoic acid	7.47	122	523	2.78	ng	# 1
35) Caprolactam	8.10	113	16953	22.23	ng	# 1
48) Acenaphthylene	9.24	152	76171	8.26	ng	# 87
49) Dimethylphthalate	9.13	163	48261	7.94	ng	# 97
50) 2,6-Dinitrotoluene	9.16	165	6265	4.54	ng	# 69
51) Acenaphthene	9.42	154	54942	10.47	ng	# 89
52) 3-Nitroaniline	9.34	138	7359	4.68	ng	# 56
53) 2,4-Dinitrophenol	9.63	184	1915	3.29	ng	# 1
55) 4-Nitrophenol	9.59	139	16293	16.51	ng	# 29
56) 2,4-Dinitrotoluene	9.60	165	6552	3.73	ng	# 63
57) Fluorene	9.93	166	57543	9.89	ng	# 86
64) 4,6-Dinitro-2-methylphenol	10.00	198	1489	2.11	ng	# 1
65) n-Nitrosodiphenylamine	10.06	169	30745	6.69	ng	# 60
69) Pentachlorophenol	10.70	266	218	9.04	ng	# 1
70) Phenanthrene	10.89	178	222355	31.67	ng	# 92
71) Anthracene	10.94	178	52803	7.32	ng	# 78
72) Carbazole	11.10	167	13645	2.02	ng	# 1
73) Di-n-butylphthalate	11.40	149	17129	2.14	ng	# 31
74) Fluoranthene	12.07	202	310086	40.80	ng	# 90
76) Benzidine	12.22	184	16402	3.69	ng	# 39
77) Pyrene	12.30	202	370275	48.27	ng	# 96
80) Benzo(a)anthracene	13.46	228	195242	29.61	ng	# 88
82) Chrysene	13.46	228	195242	33.03	ng	# 90
83) Bis(2-ethylhexyl)phthalate	13.50	149	13958	3.17	ng	# 92
85) Indeno(1,2,3-cd)pyrene	15.86	276	51799	11.94	ng	# 78

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090815\
Data File : BF081552.D
Acq On : 9 Sep 2015 8:17
Operator : UM/IZ
Sample : G3519-01DL 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

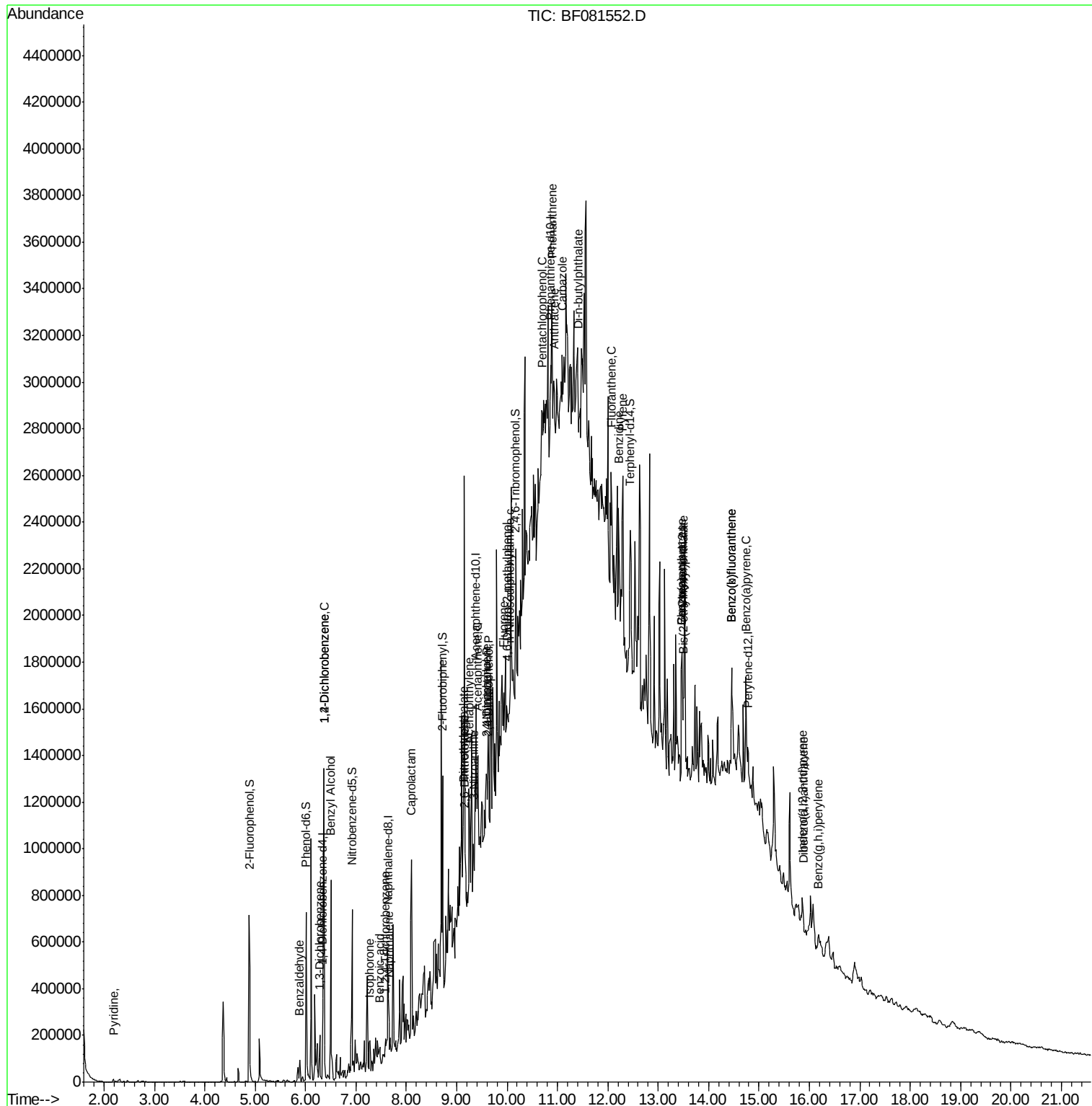
Quant Time: Sep 09 09:13:07 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 08 15:49:53 2015
Response via : Initial Calibration

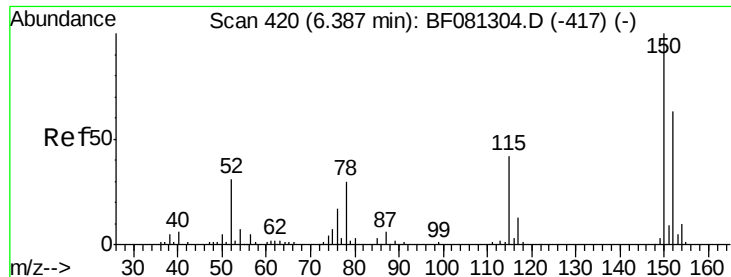
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) Benzo(b)fluoranthene	14.46	252	206432	36.63	ng	97
88) Benzo(k)fluoranthene	14.46	252	206432	44.14	ng	97
89) Benzo(a)pyrene	14.74	252	91301	19.12	ng	# 93
90) Dibenzo(a,h)anthracene	15.87	278	17540	4.75	ng	# 78
91) Benzo(g,h,i)perylene	16.18	276	48045	13.64	ng	# 77

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

```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090815\  
Data File : BF081552.D  
Acq On    : 9 Sep 2015 8:17  
Operator  : UM/IZ  
Sample    : G3519-01DL 2X  
Misc      :  
ALS Vial  : 30 Sample Multiplier: 1
```

Quant Time: Sep 09 09:13:07 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 08 15:49:53 2015
Response via : Initial Calibration



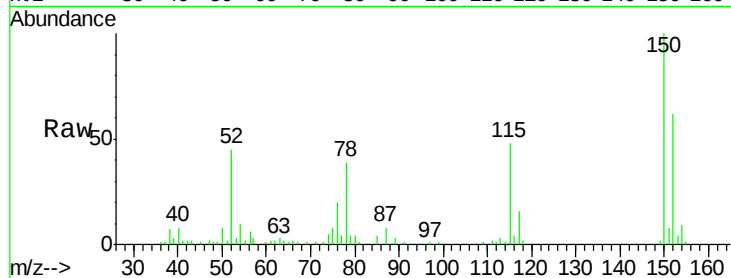


#1

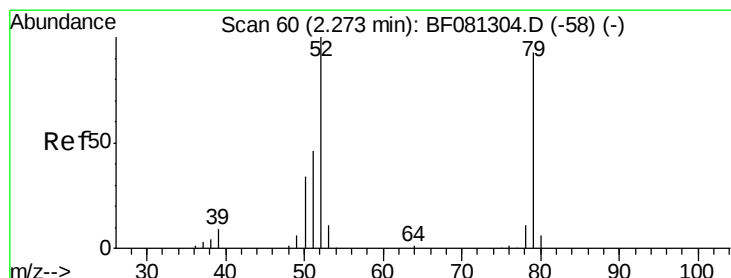
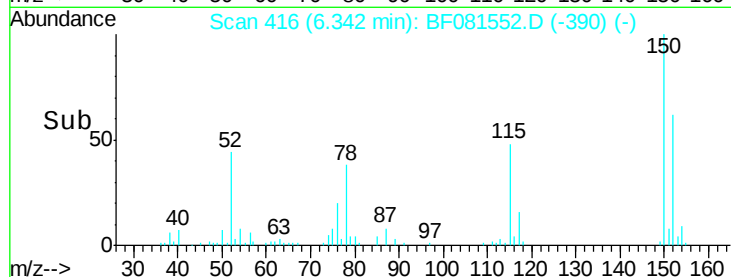
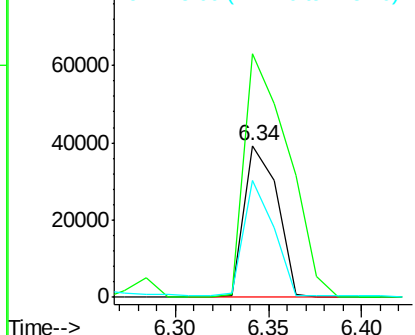
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.34 min Scan# 416
Delta R.T. -0.00 min
Lab File: BF081552.D
Acq: 9 Sep 2015 8:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 48541
Ion Ratio Lower Upper
152 100
150 160.8 124.7 187.1
115 77.0 39.0 58.4#



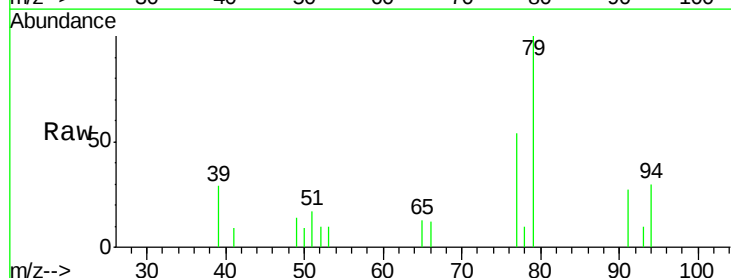
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



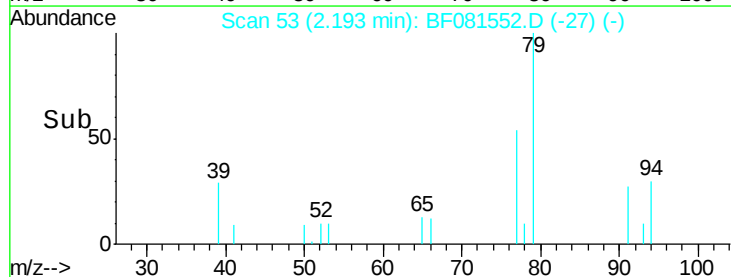
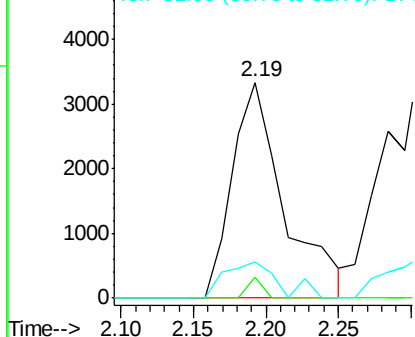
#3

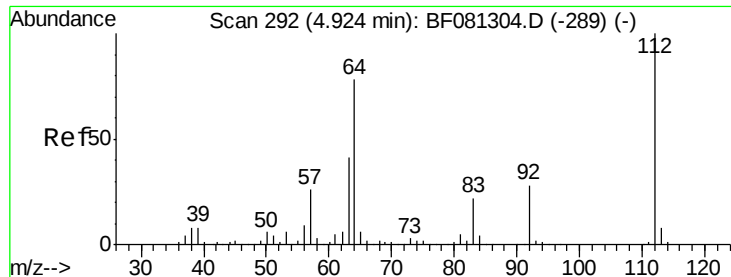
Pyridine
Concen: 2.14 ng
RT: 2.19 min Scan# 53
Delta R.T. -0.00 min
Lab File: BF081552.D
Acq: 9 Sep 2015 8:17

Tgt Ion: 79 Resp: 8278
Ion Ratio Lower Upper
79 100
52 9.8 76.8 115.2#
51 16.8 32.2 48.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0





#5

2-Fluorophenol

Concen: 70.80 ng

RT: 4.88 min Scan# 288

Delta R.T. -0.00 min

Lab File: BF081552.D

Acq: 9 Sep 2015 8:17

Instrument :
BNA_F
ClientSampleId :

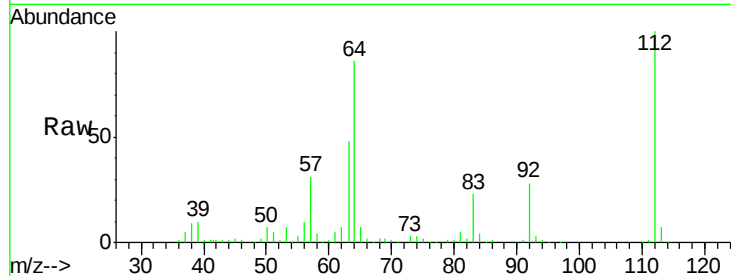
Tot Ion: 112 Resp: 221498

Ion Ratio Lower Upper

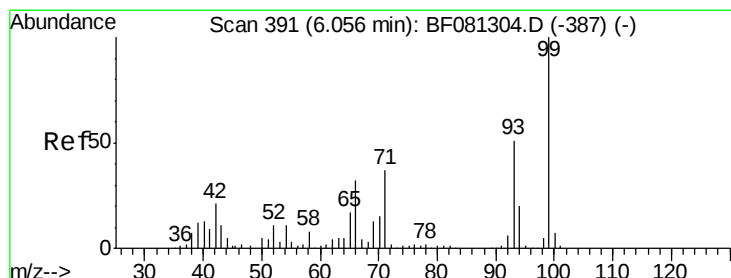
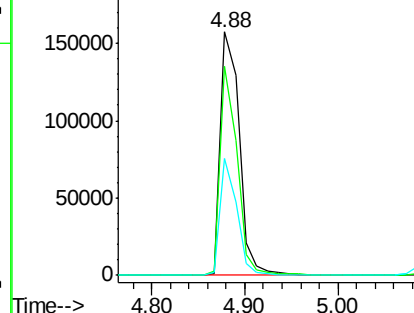
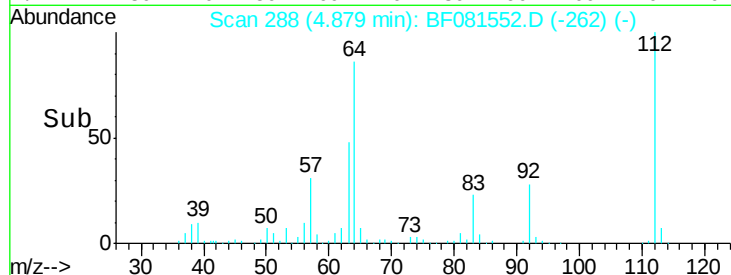
112 100

64 85.6 39.7 59.5#

63 48.3 17.4 26.0#



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: 71.57 ng

RT: 6.01 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF081552.D

Acq: 9 Sep 2015 8:17

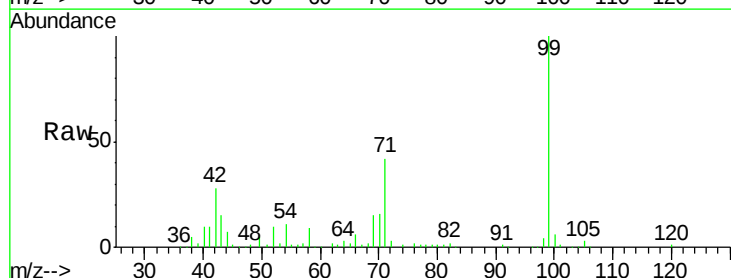
Tgt Ion: 99 Resp: 296381

Ion Ratio Lower Upper

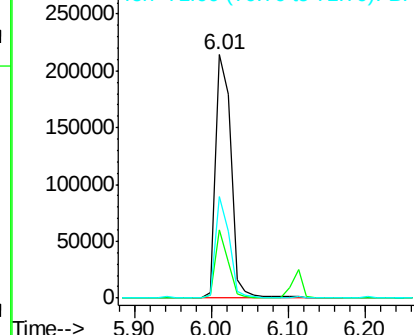
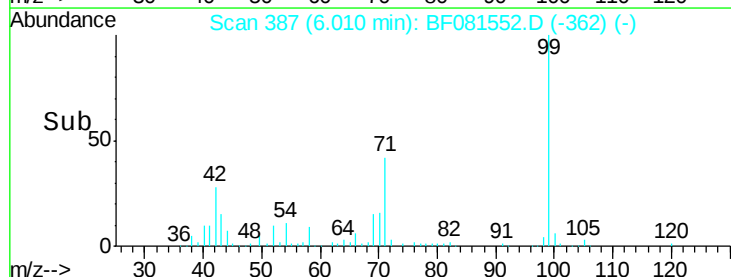
99 100

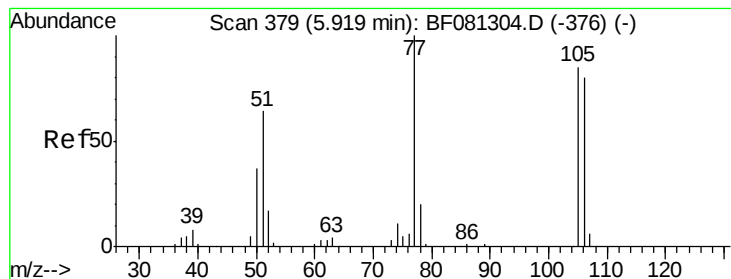
42 27.8 13.7 20.5#

71 41.7 14.2 21.2#



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: 2.25 ng

RT: 5.88 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF081552.D

Acq: 9 Sep 2015 8:17

Instrument :

BNA_F

ClientSampleId :

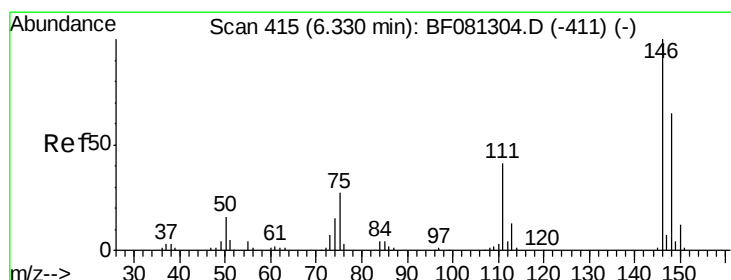
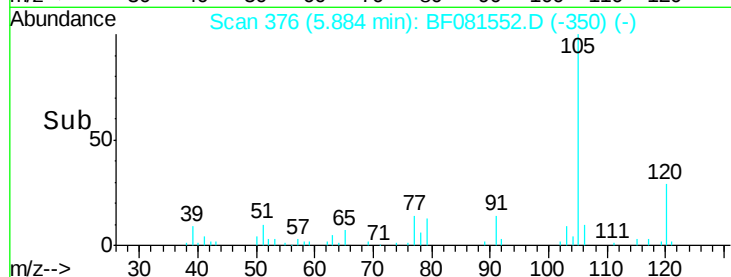
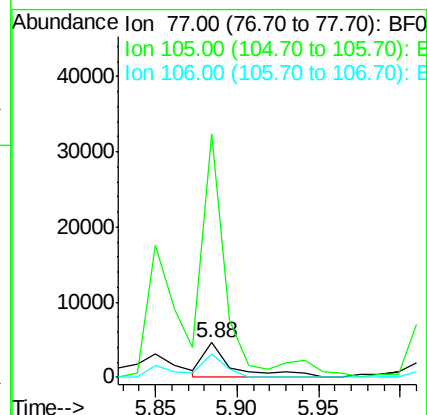
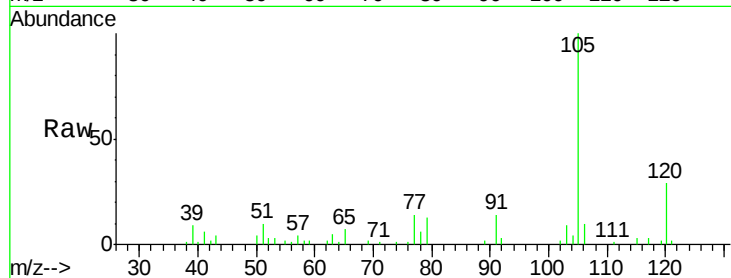
Tot Ion: 77 Resp: 5845

Ion Ratio Lower Upper

77 100

105 697.6 91.6 131.6#

106 68.0 102.6 142.6#



#12

1,3-Dichlorobenzene

Concen: 12.04 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF081552.D

Acq: 9 Sep 2015 8:17

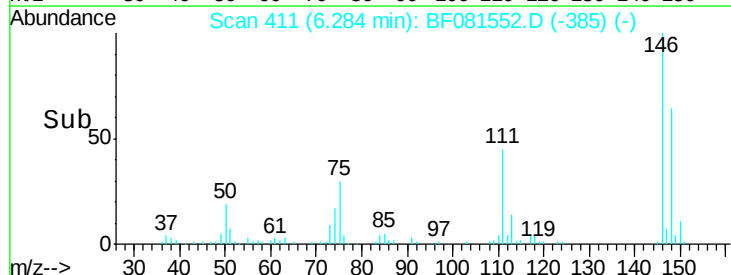
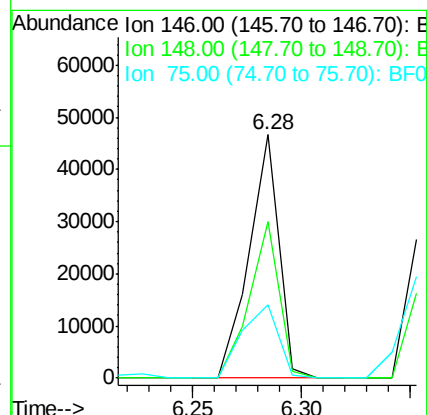
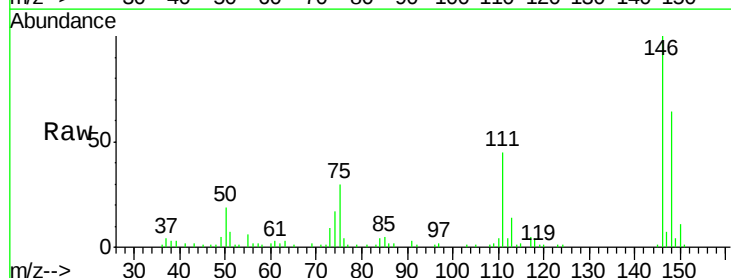
Tgt Ion: 146 Resp: 44333

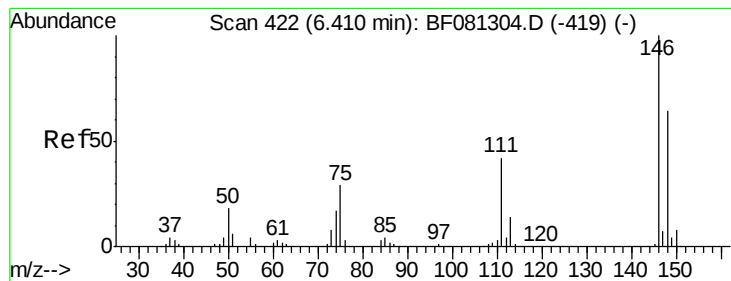
Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.4

75 30.0 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 65.99 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF081552.D

Acq: 9 Sep 2015 8:17

Instrument :

BNA_F

ClientSampleId :

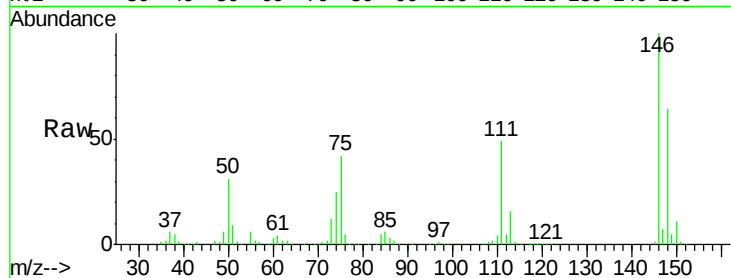
Tot Ion:146 Resp: 247508

Ion Ratio Lower Upper

146 100

148 63.6 51.8 77.6

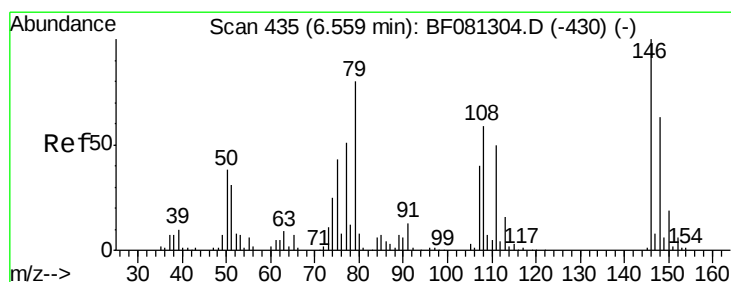
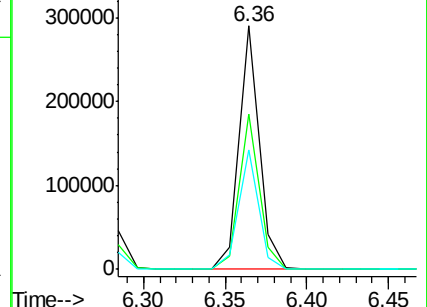
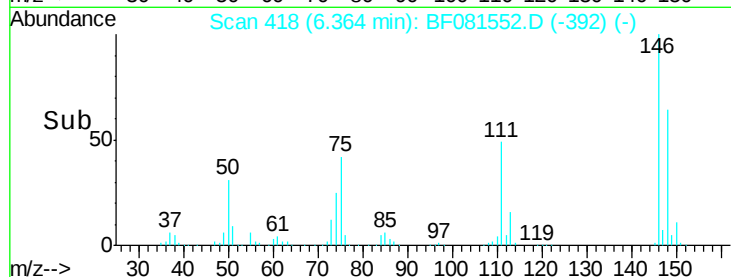
111 49.2 24.9 37.3#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 73.29 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.15 min

Lab File: BF081552.D

Acq: 9 Sep 2015 8:17

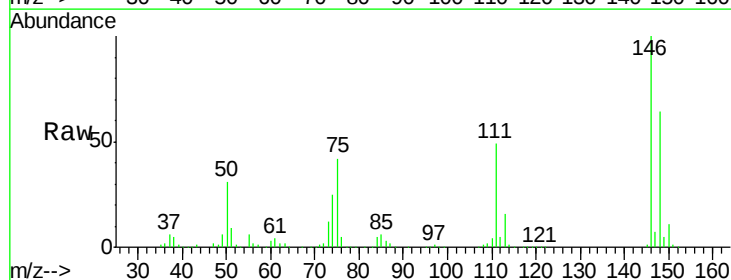
Tgt Ion:146 Resp: 247508

Ion Ratio Lower Upper

146 100

148 63.6 52.7 79.1

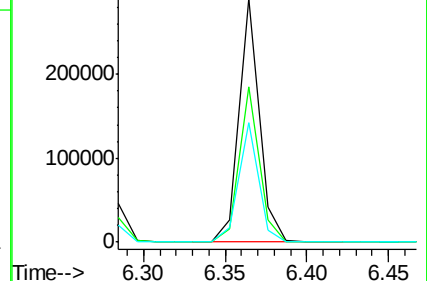
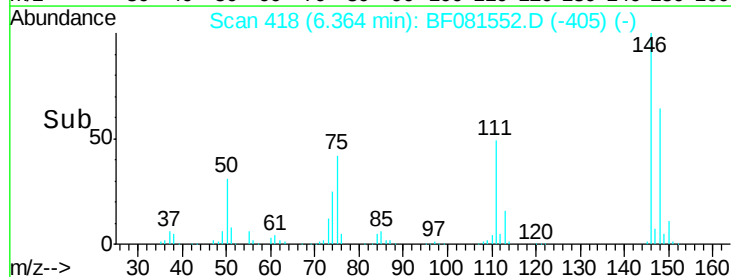
111 49.2 28.8 43.2#

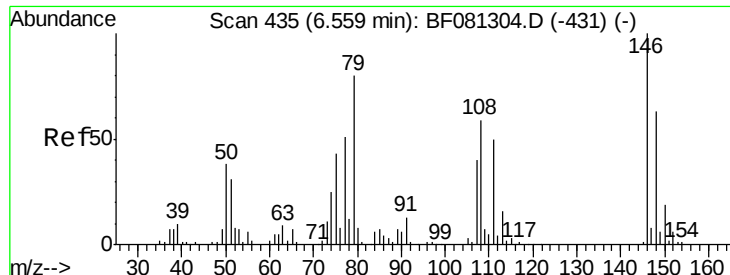


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

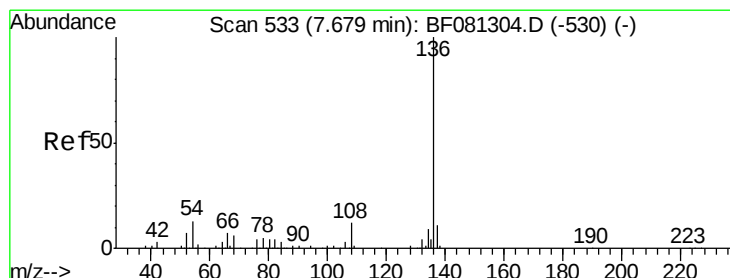
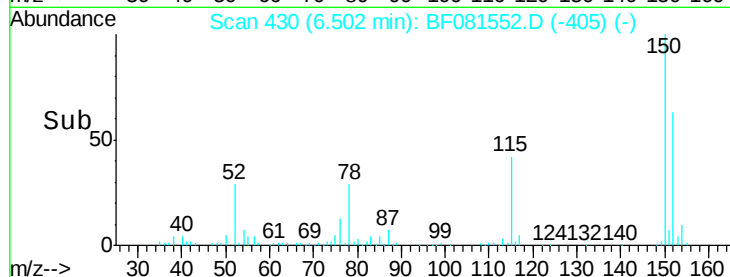
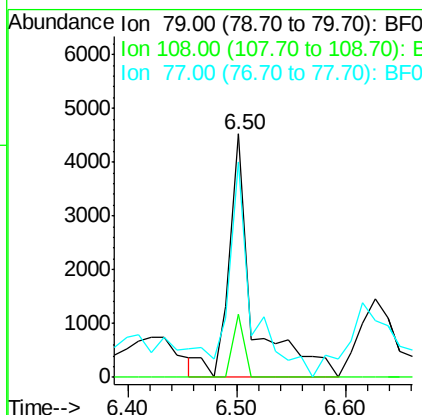
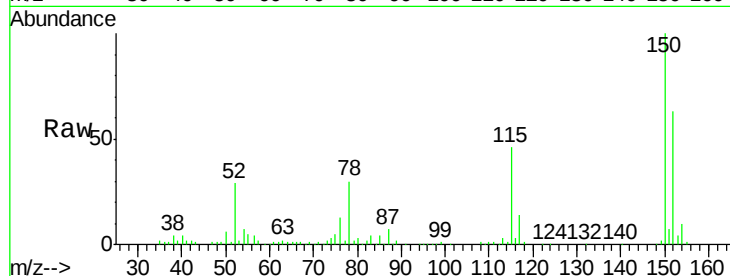




#15
Benzyl Alcohol
Concen: 2.04 ng
RT: 6.50 min Scan# 430
Delta R.T. -0.01 min
Lab File: BF081552.D
Acq: 9 Sep 2015 8:17

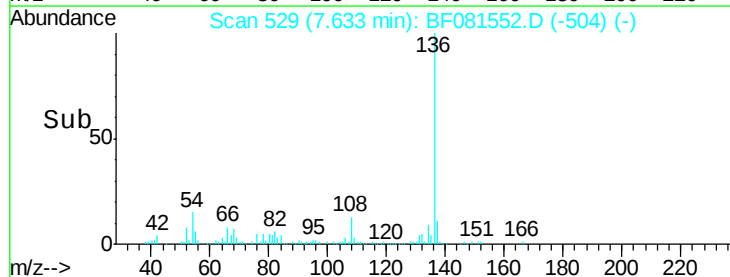
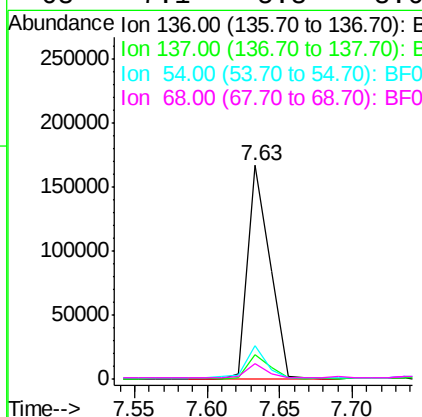
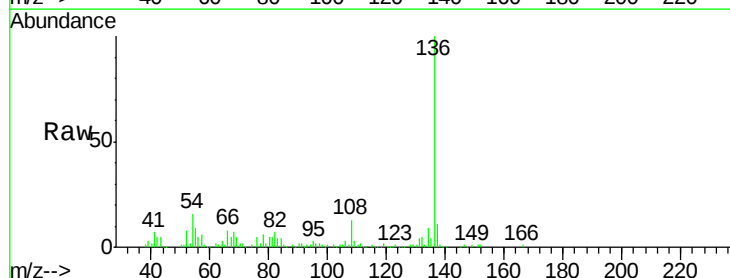
Instrument :
BNA_F
ClientSampleId :

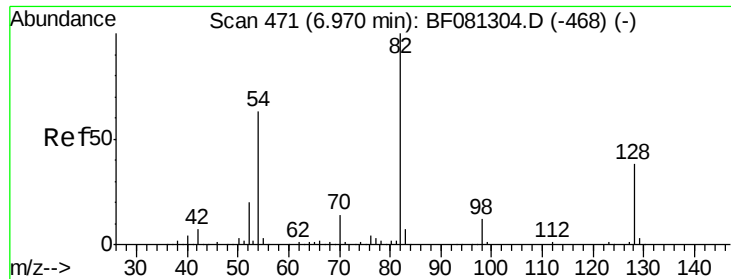
Tot Ion: 79 Resp: 6927
Ion Ratio Lower Upper
79 100
108 26.1 88.6 132.8#
77 88.5 47.0 70.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.63 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF081552.D
Acq: 9 Sep 2015 8:17

Tgt Ion: 136 Resp: 176980
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 15.6 8.2 12.2#
68 7.1 5.8 8.6

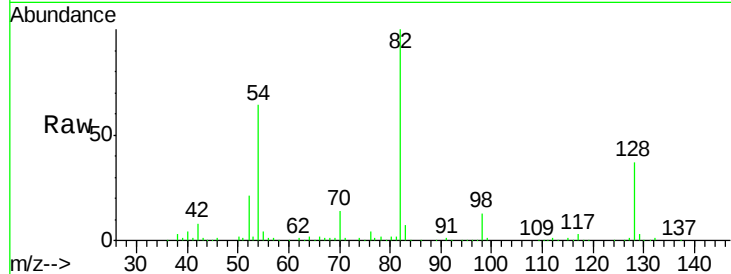




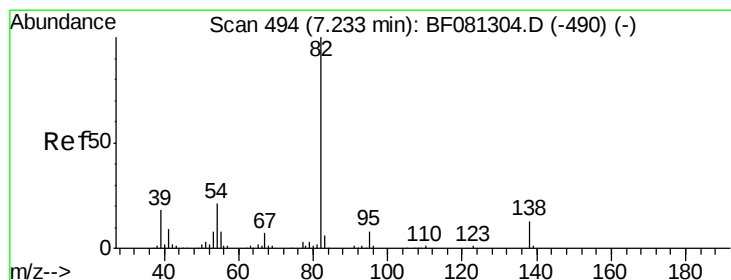
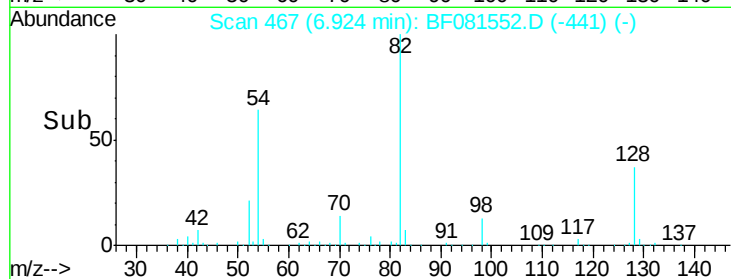
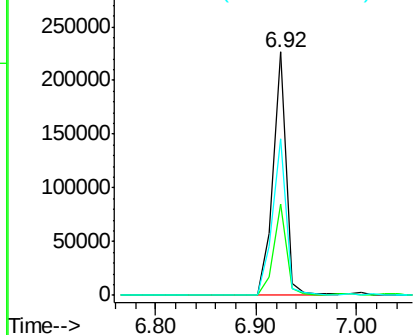
#23
Nitrobenzene-d5
Concen: 57.35 ng
RT: 6.92 min Scan# 467
Delta R.T. -0.00 min
Lab File: BF081552.D
Acq: 9 Sep 2015 8:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	210375
Ion Ratio	Lower	Upper	
82	100		
128	37.4	51.0	76.6#
54	64.2	47.5	71.3

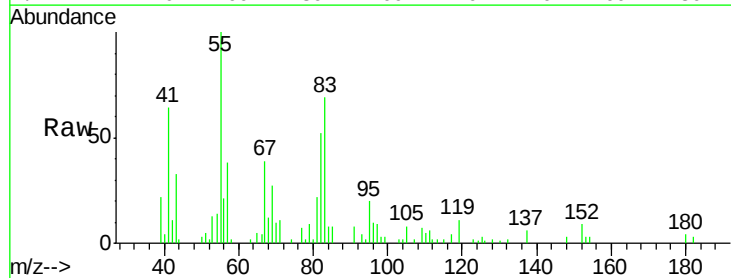


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

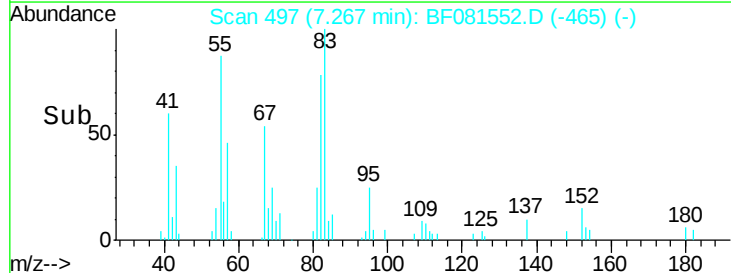
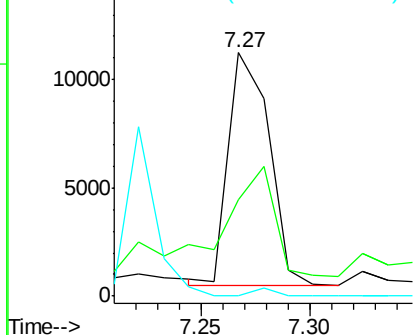


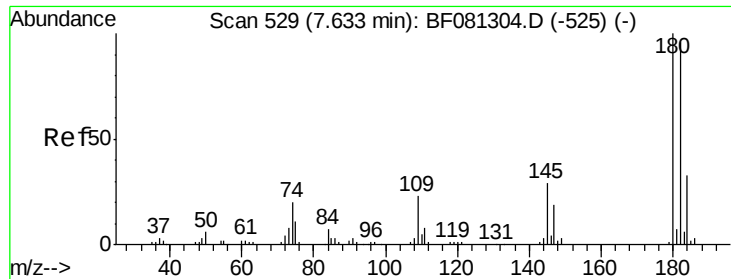
#25
Isophorone
Concen: 2.03 ng
RT: 7.27 min Scan# 497
Delta R.T. 0.07 min
Lab File: BF081552.D
Acq: 9 Sep 2015 8:17

Tgt Ion	82	Resp	13853
Ion Ratio	Lower	Upper	
82	100		
95	39.3	4.0	6.0#
138	0.0	18.3	27.5#



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

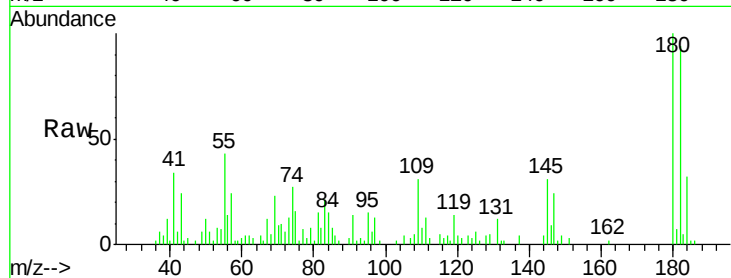




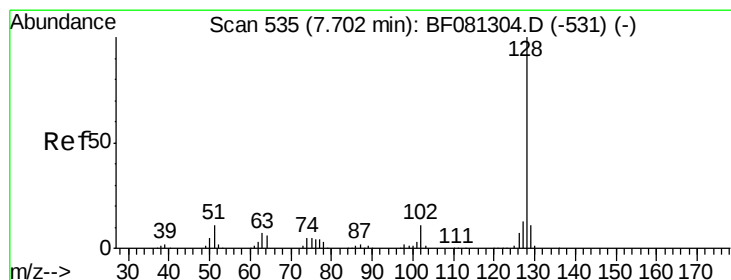
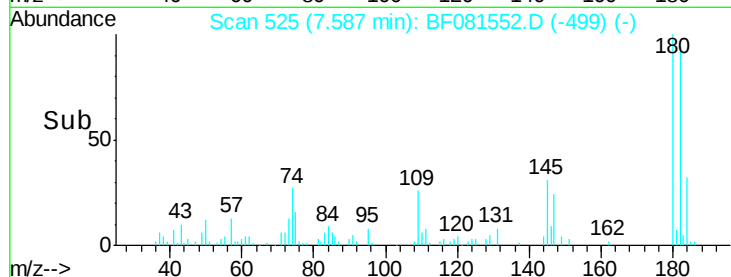
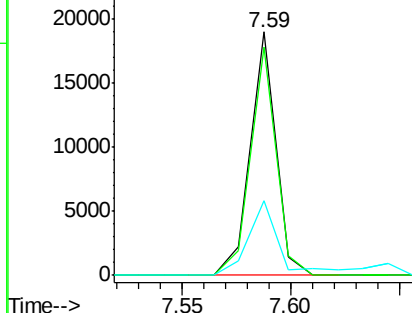
#30
1,2,4-Trichlorobenzene
Concen: 5.75 ng
RT: 7.59 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF081552.D
Acq: 9 Sep 2015 8:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:180 Resp: 15545
Ion Ratio Lower Upper
180 100
182 93.5 77.1 115.7
145 30.7 23.3 34.9

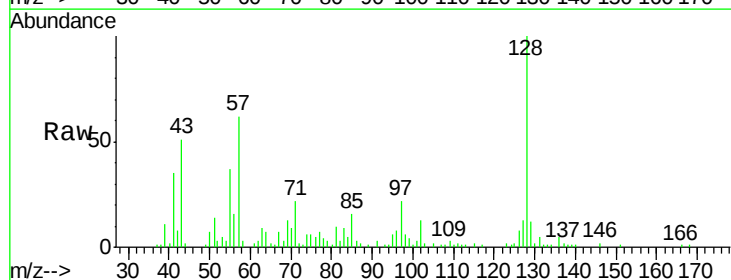


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

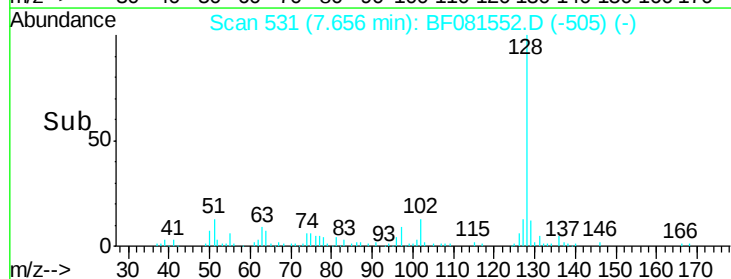
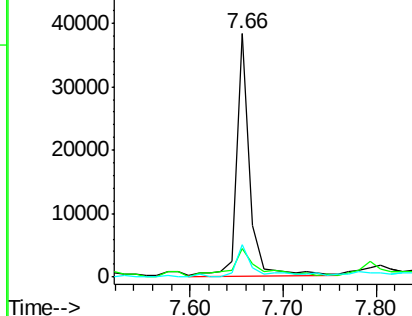


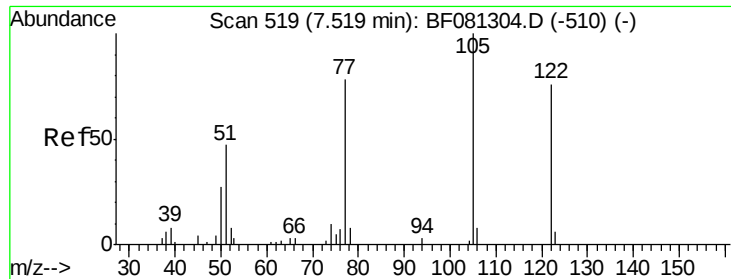
#31
Naphthalene
Concen: 3.96 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF081552.D
Acq: 9 Sep 2015 8:17

Tgt Ion:128 Resp: 37420
Ion Ratio Lower Upper
128 100
129 11.7 8.4 12.6
127 13.3 9.9 14.9



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: 2.78 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF081552.D

Acq: 9 Sep 2015 8:17

Instrument :

BNA_F

ClientSampleId :

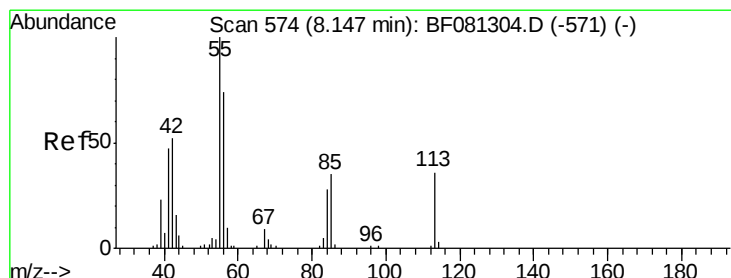
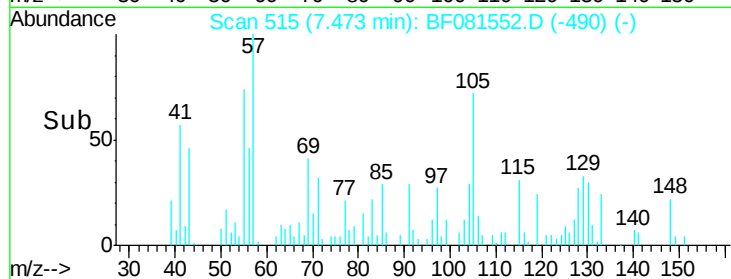
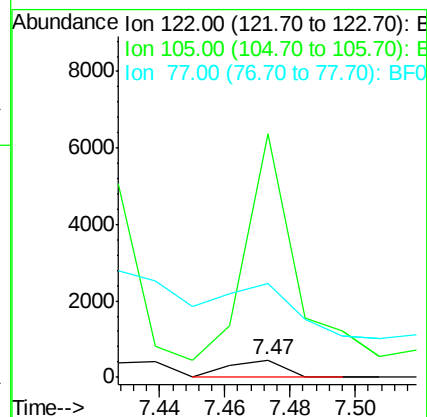
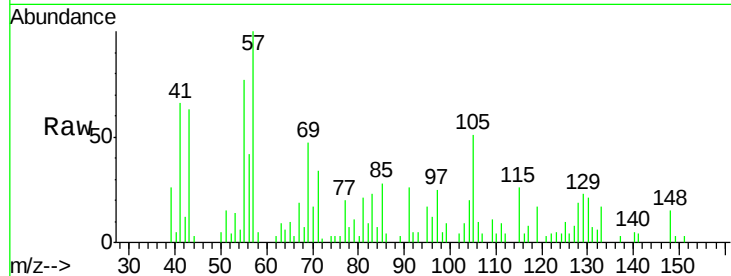
Tot Ion:122 Resp: 523

Ion Ratio Lower Upper

122 100

105 1425.3 76.1 116.1#

77 551.9 40.5 80.5#



#35

Caprolactam

Concen: 22.23 ng

RT: 8.10 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF081552.D

Acq: 9 Sep 2015 8:17

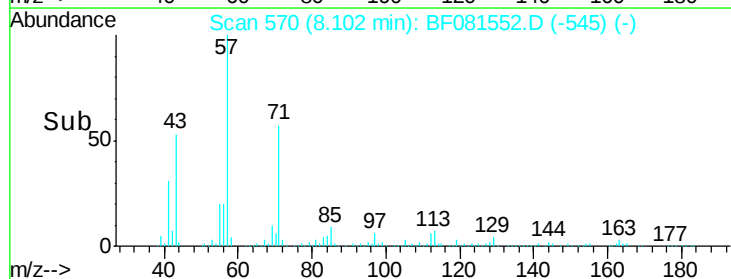
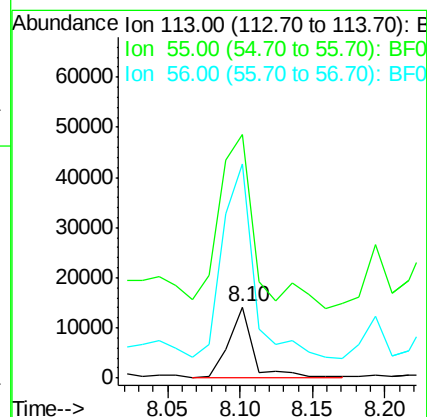
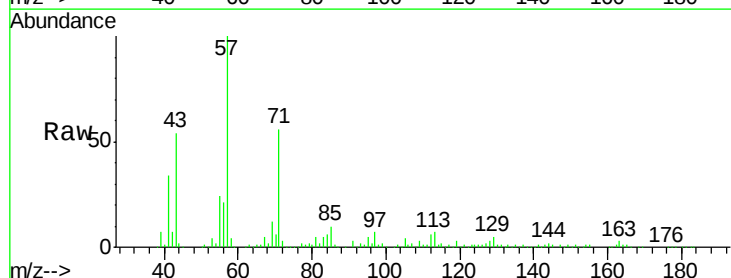
Tgt Ion:113 Resp: 16953

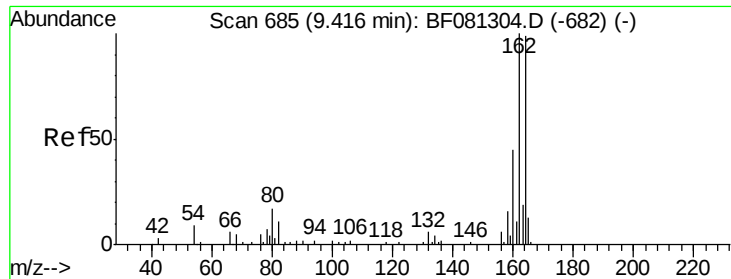
Ion Ratio Lower Upper

113 100

55 343.8 152.4 192.4#

56 302.4 104.6 144.6#

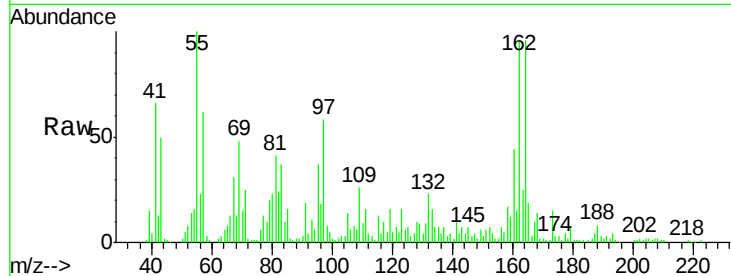




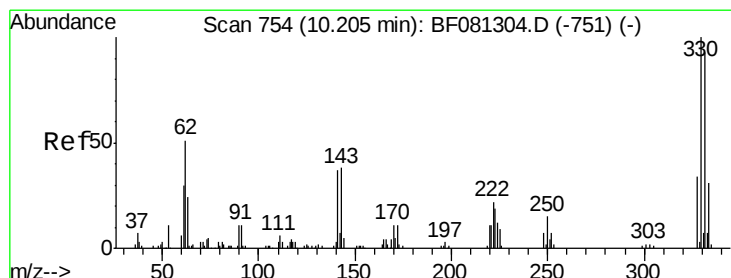
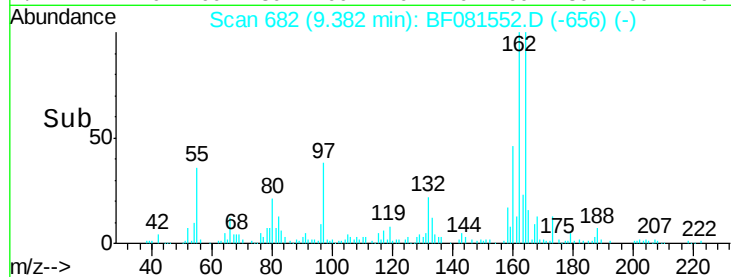
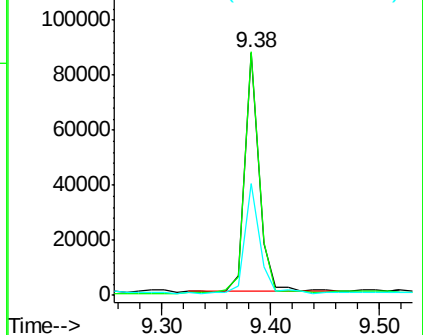
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF081552.D
Acq: 9 Sep 2015 8:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 78270
Ion Ratio Lower Upper
164 100
162 100.3 75.2 112.8
160 46.1 31.5 47.3

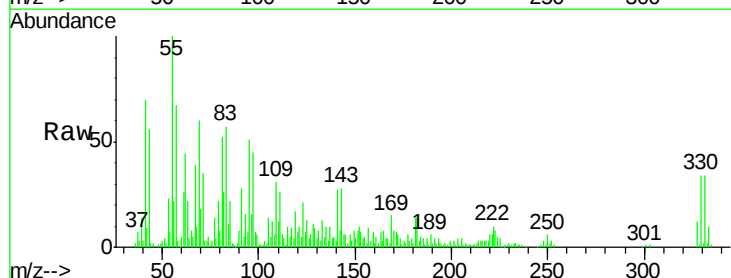


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

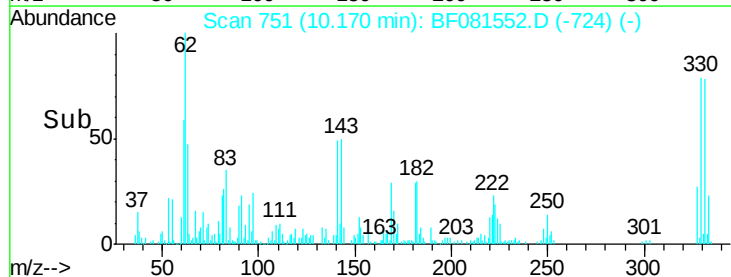
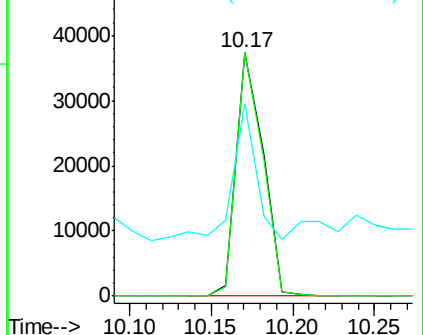


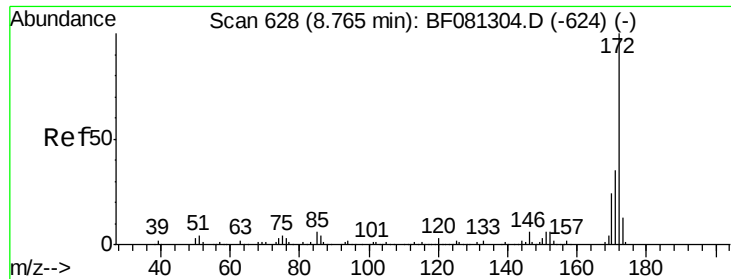
#41
2,4,6-Tribromophenol
Concen: 60.68 ng
RT: 10.17 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF081552.D
Acq: 9 Sep 2015 8:17

Tgt Ion:330 Resp: 42287
Ion Ratio Lower Upper
330 100
332 98.4 76.6 114.8
141 49.9 29.7 44.5#



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

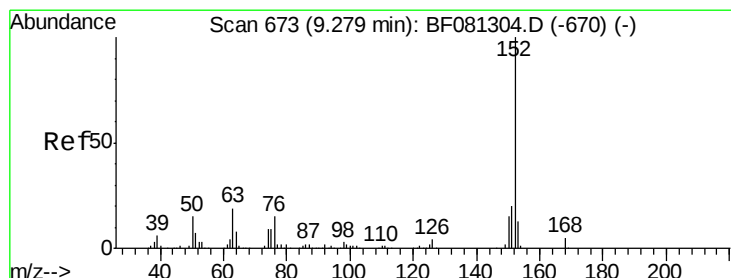
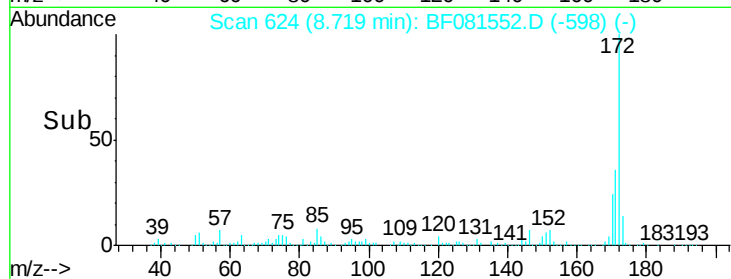
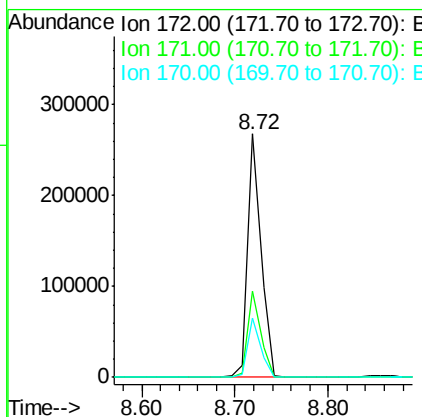
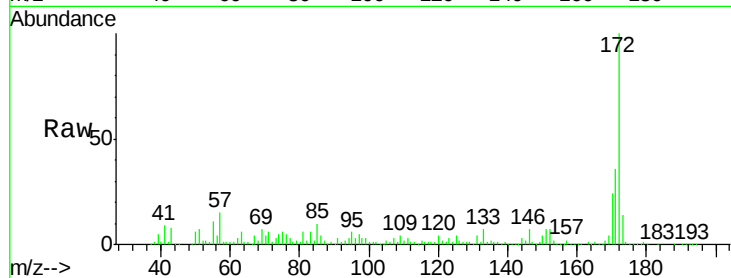




#44
2-Fluorobiphenyl
Concen: 43.62 ng
RT: 8.72 min Scan# 624
Delta R.T. -0.00 min
Lab File: BF081552.D
Acq: 9 Sep 2015 8:17

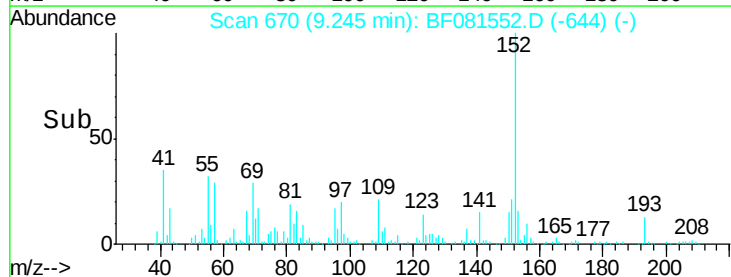
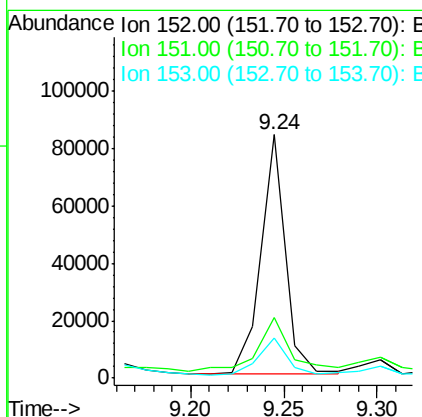
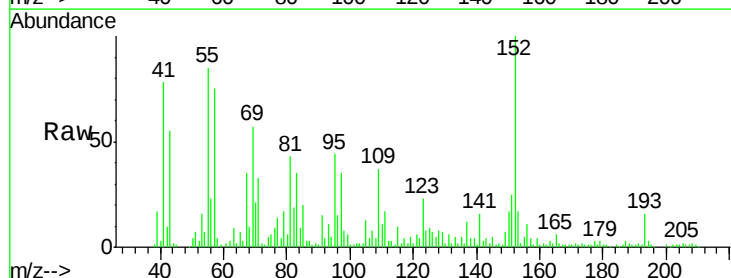
Instrument :
BNA_F
ClientSampleId :

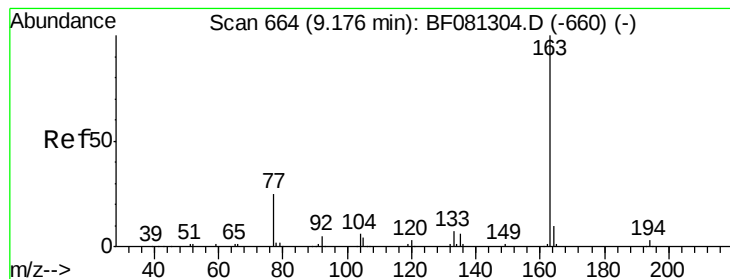
Tot Ion:172 Resp: 266393
Ion Ratio Lower Upper
172 100
171 35.6 26.1 39.1
170 24.2 17.4 26.2



#48
Acenaphthylene
Concen: 8.26 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.00 min
Lab File: BF081552.D
Acq: 9 Sep 2015 8:17

Tgt Ion:152 Resp: 76171
Ion Ratio Lower Upper
152 100
151 25.1 14.6 22.0#
153 16.7 10.3 15.5#





#49

Dimethylphthalate

Concen: 7.94 ng

RT: 9.13 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF081552.D

Acq: 9 Sep 2015 8:17

Instrument :

BNA_F

ClientSampled :

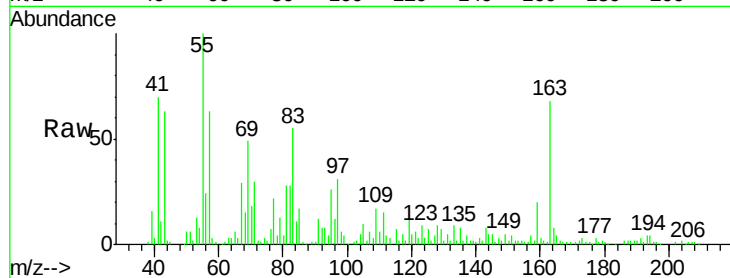
Tot Ion:163 Resp: 48261

Ion Ratio Lower Upper

163 100

194 5.2 4.4 6.6

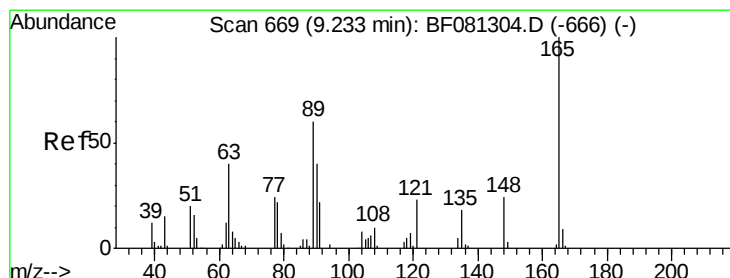
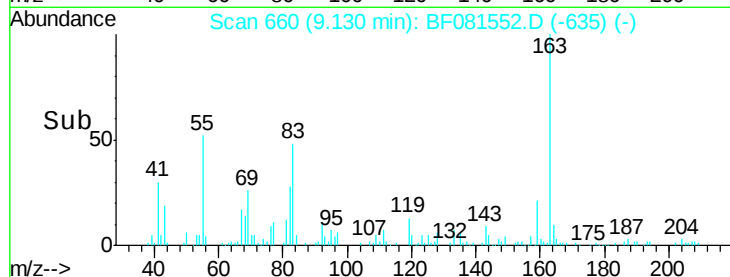
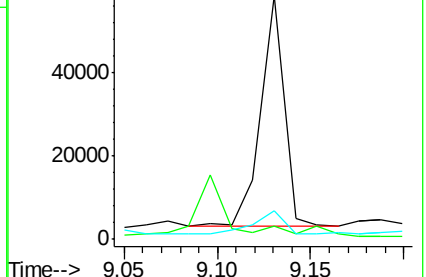
164 11.8 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 4.54 ng

RT: 9.16 min Scan# 663

Delta R.T. -0.03 min

Lab File: BF081552.D

Acq: 9 Sep 2015 8:17

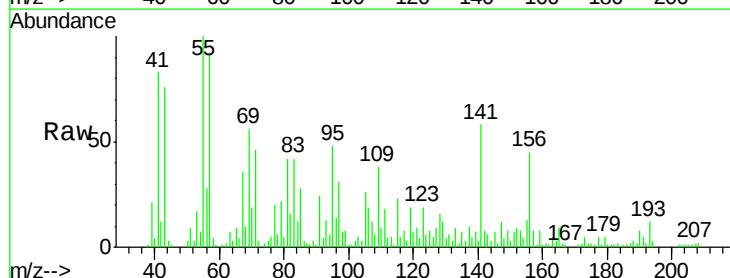
Tgt Ion:165 Resp: 6265

Ion Ratio Lower Upper

165 100

63 76.3 32.3 48.5#

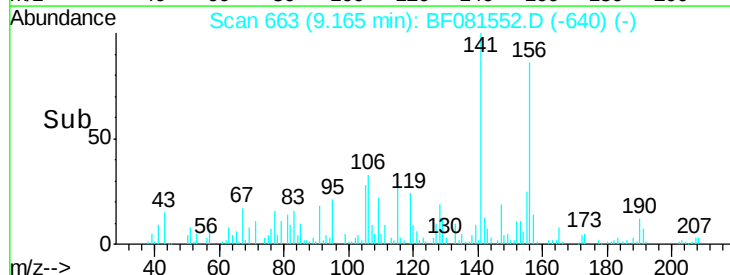
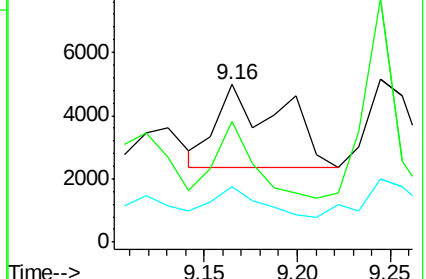
89 35.4 28.6 43.0

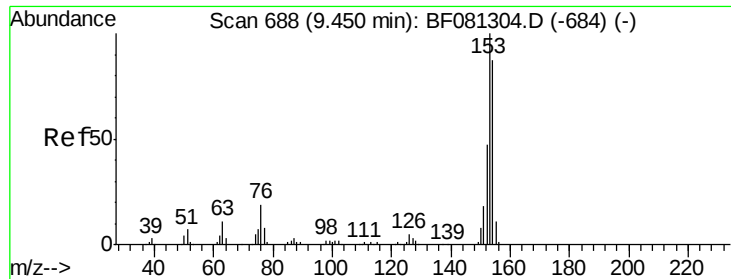


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 10.47 ng

RT: 9.42 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF081552.D

Acq: 9 Sep 2015 8:17

Instrument :

BNA_F

ClientSampled :

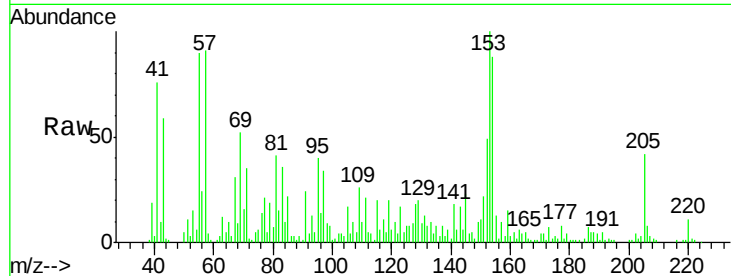
Tot Ion:154 Resp: 54942

Ion Ratio Lower Upper

154 100

153 113.3 82.1 123.1

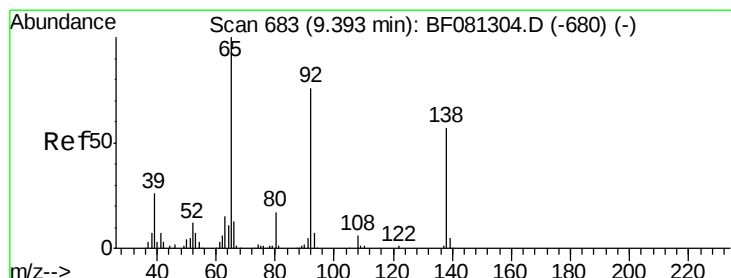
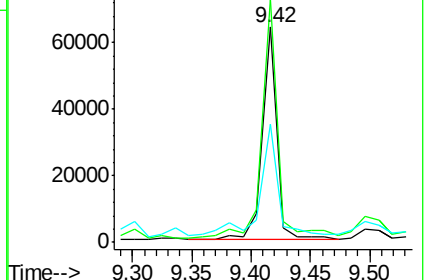
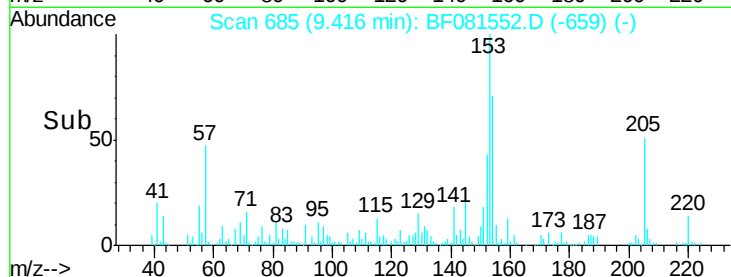
152 55.0 37.9 56.9



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



#52

3-Nitroaniline

Concen: 4.68 ng

RT: 9.34 min Scan# 678

Delta R.T. -0.02 min

Lab File: BF081552.D

Acq: 9 Sep 2015 8:17

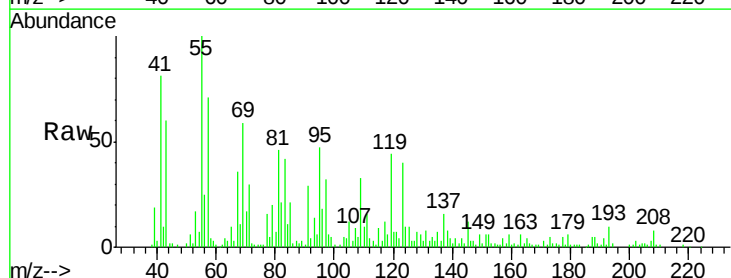
Tgt Ion:138 Resp: 7359

Ion Ratio Lower Upper

138 100

108 61.5 5.7 8.5#

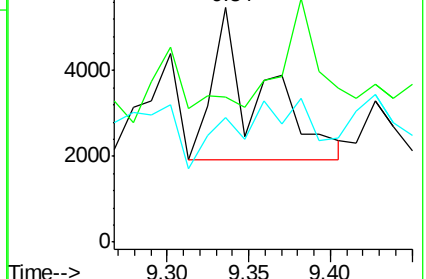
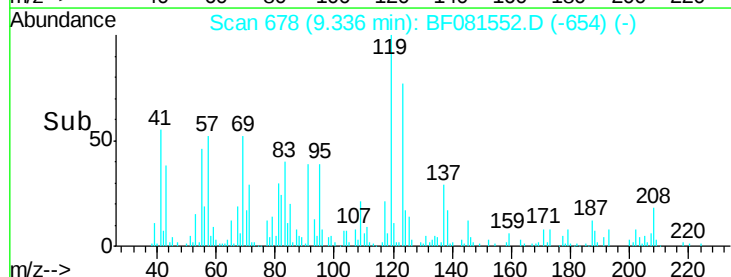
92 53.3 67.7 101.5#

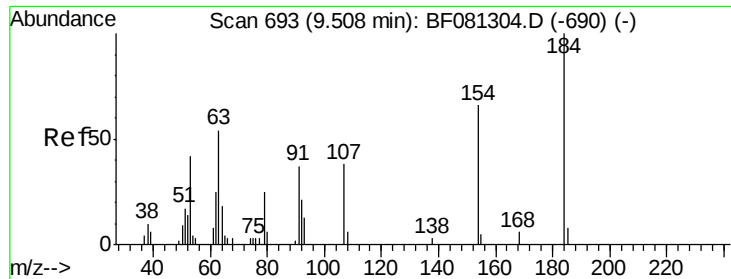


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

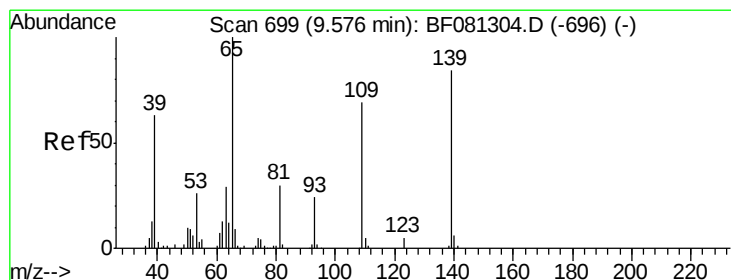
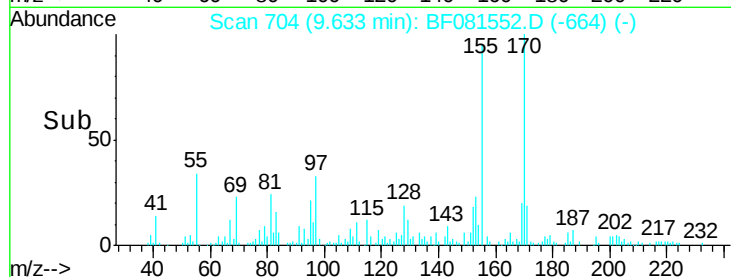
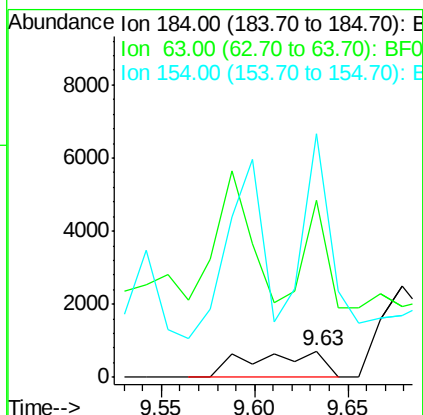
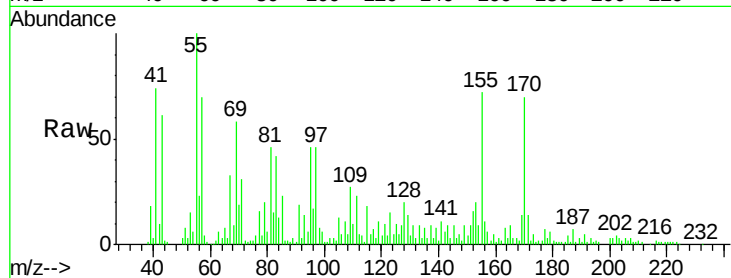




#53
 2,4-Dinitrophenol
 Concen: 3.29 ng
 RT: 9.63 min Scan# 704
 Delta R.T. 0.16 min
 Lab File: BF081552.D
 Acq: 9 Sep 2015 8:17

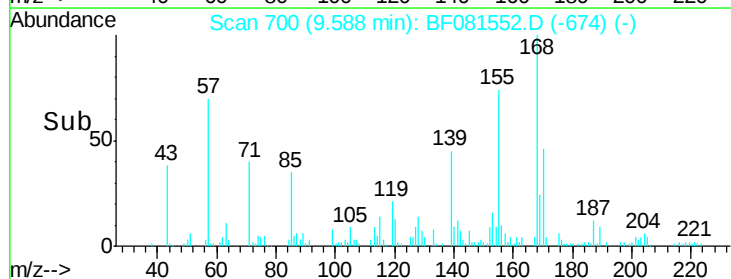
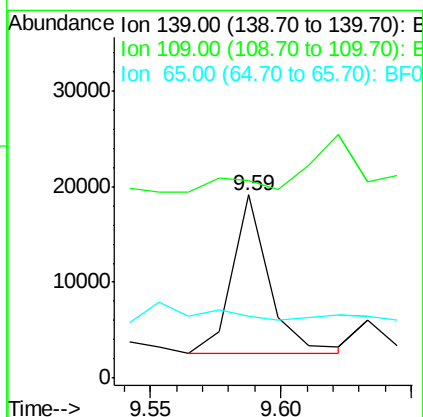
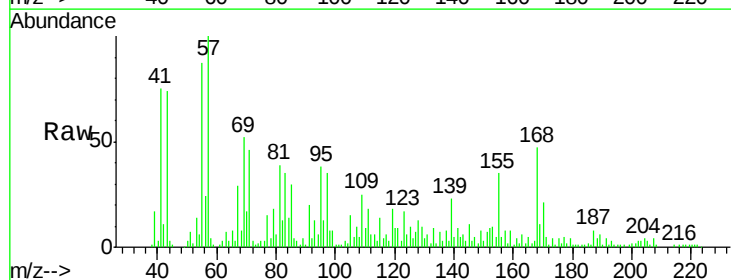
Instrument :
 BNA_F
 ClientSampleId :

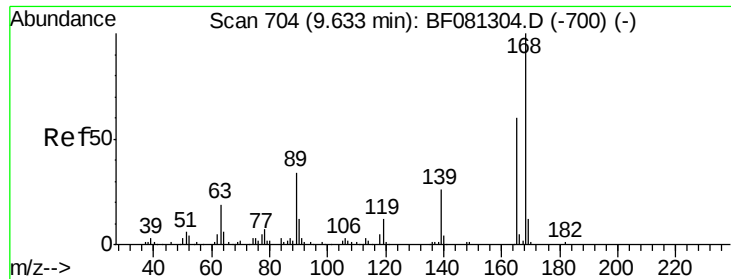
Tot Ion:184 Resp: 1915
 Ion Ratio Lower Upper
 184 100
 63 671.4 35.4 53.2#
 154 925.0 32.2 48.4#



#55
 4-Nitrophenol
 Concen: 16.51 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF081552.D
 Acq: 9 Sep 2015 8:17

Tgt Ion:139 Resp: 16293
 Ion Ratio Lower Upper
 139 100
 109 107.6 12.7 52.7#
 65 34.1 45.9 85.9#

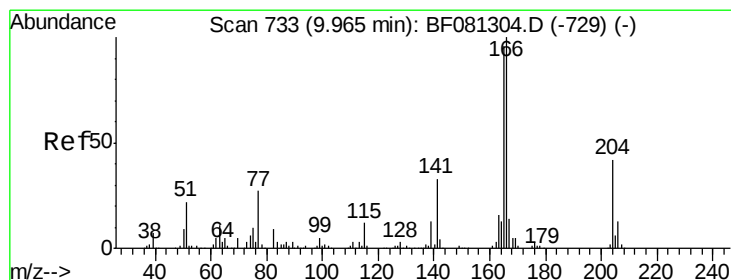
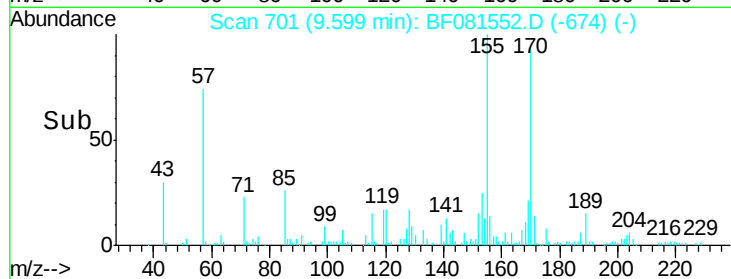
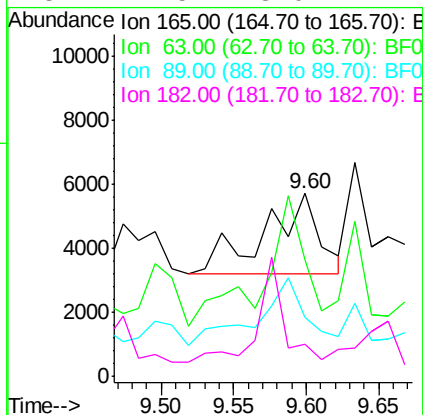
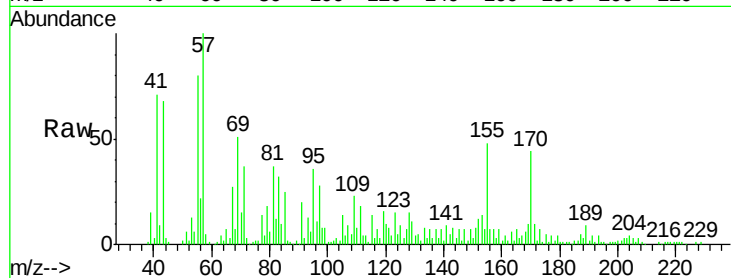




#56
 2,4-Dinitrotoluene
 Concen: 3.73 ng
 RT: 9.60 min Scan# 701
 Delta R.T. 0.01 min
 Lab File: BF081552.D
 Acq: 9 Sep 2015 8:17

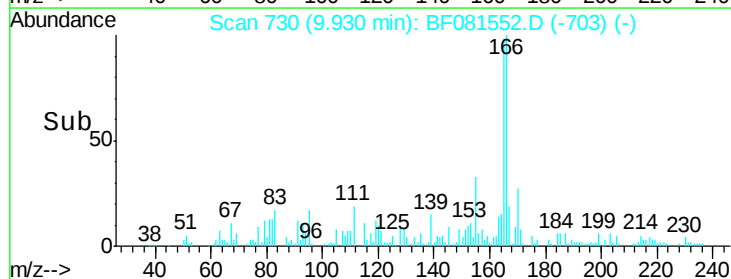
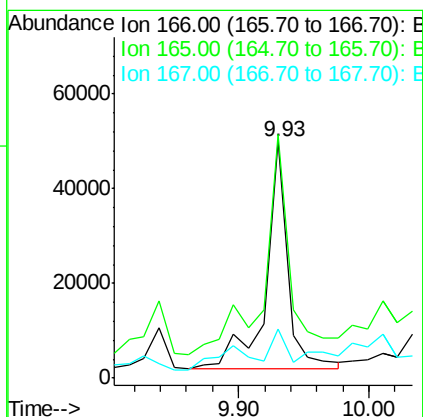
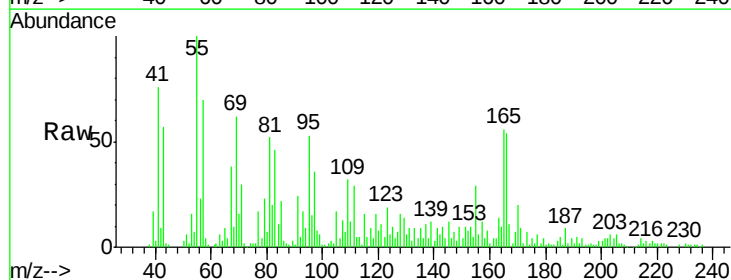
Instrument :
 BNA_F
 ClientSampleId :

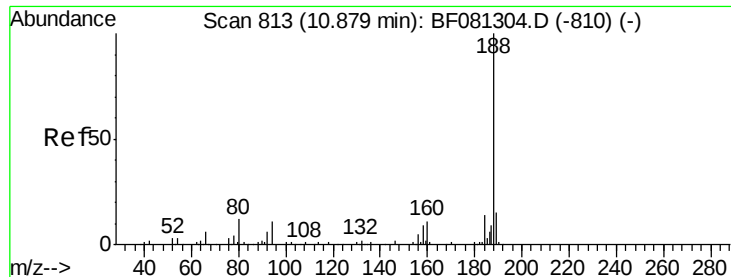
Tot Ion	Ratio	Lower	Upper
165	100		
63	64.1	29.8	44.6#
89	32.3	44.5	66.7#
182	17.5	3.0	4.4#



#57
 Fluorene
 Concen: 9.89 ng
 RT: 9.93 min Scan# 730
 Delta R.T. 0.01 min
 Lab File: BF081552.D
 Acq: 9 Sep 2015 8:17

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.9	72.6	109.0
167	20.8	10.6	16.0#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.87 min Scan# 812

Delta R.T. 0.02 min

Lab File: BF081552.D

Acq: 9 Sep 2015 8:17

Instrument :

BNA_F

ClientSampled :

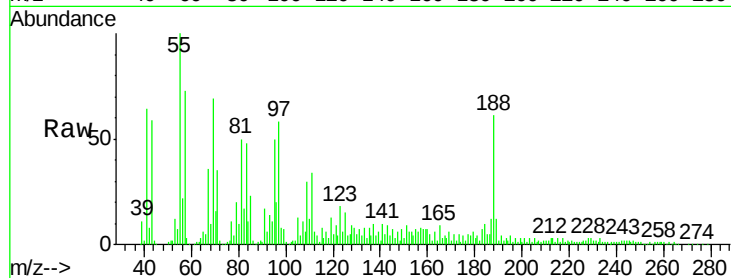
Tot Ion:188 Resp: 126286

Ion Ratio Lower Upper

188 100

94 17.7 11.1 16.7#

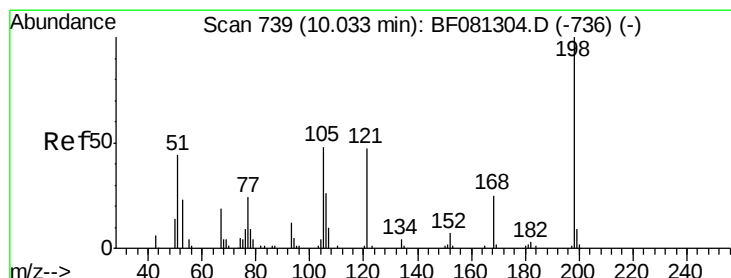
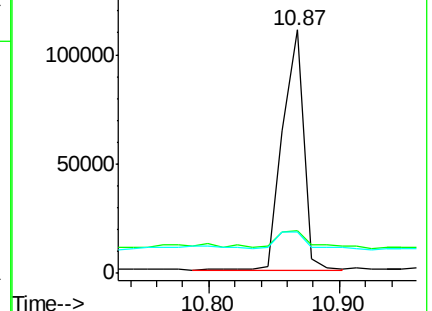
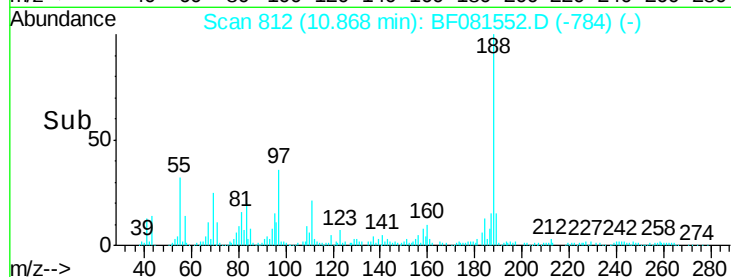
80 17.1 11.0 16.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 2.11 ng

RT: 10.00 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF081552.D

Acq: 9 Sep 2015 8:17

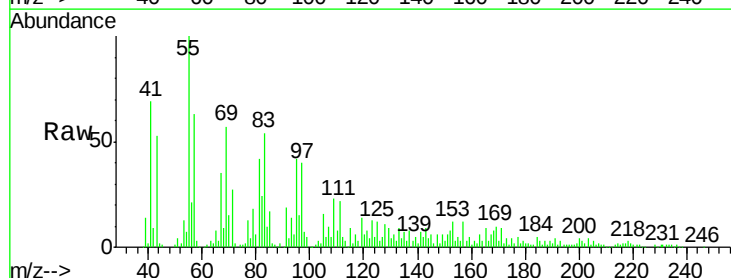
Tgt Ion:198 Resp: 1489

Ion Ratio Lower Upper

198 100

51 658.6 39.6 79.6#

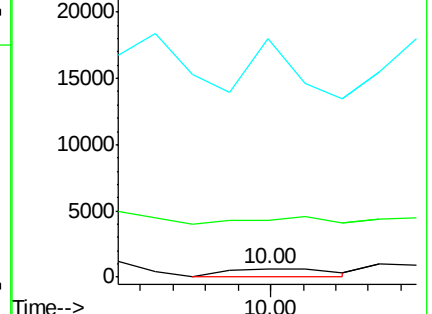
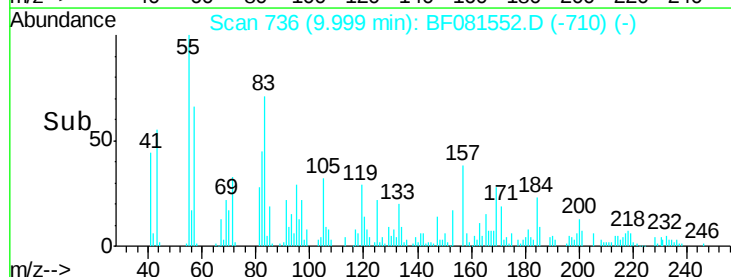
105 2771.0 28.5 68.5#

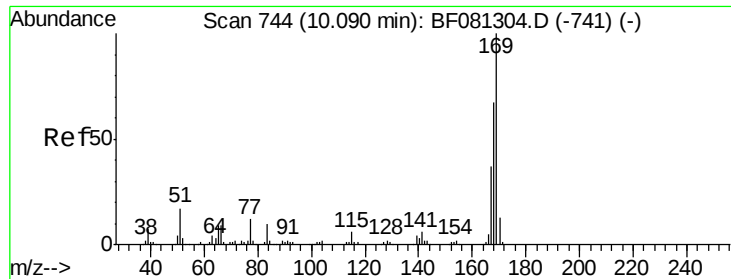


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 6.69 ng

RT: 10.06 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF081552.D

Acq: 9 Sep 2015 8:17

Instrument :

BNA_F

ClientSampleId :

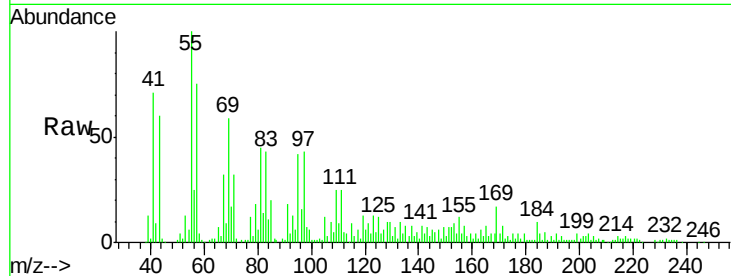
Tot Ion:169 Resp: 30745

Ion Ratio Lower Upper

169 100

168 20.4 48.9 73.3#

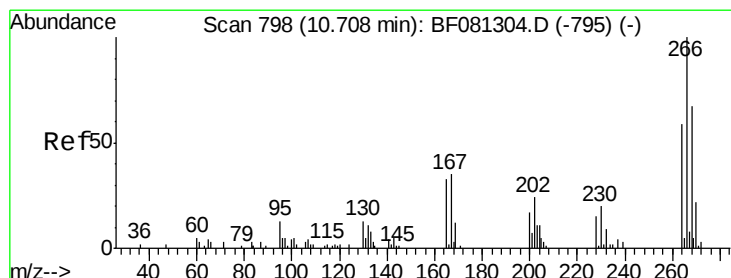
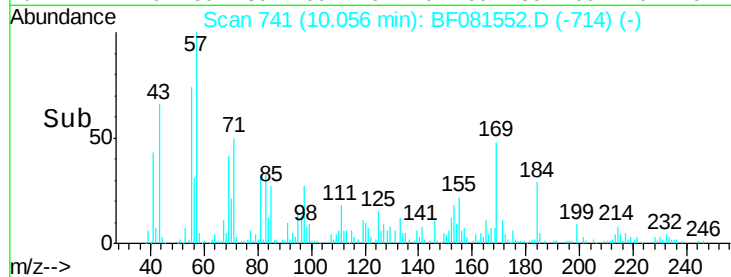
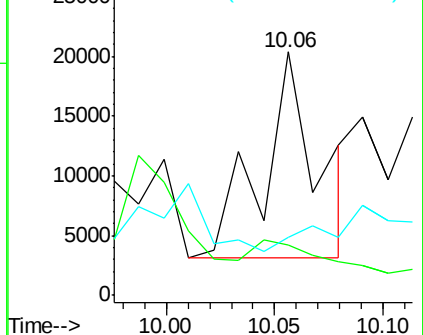
167 23.9 26.2 39.4#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Pentachlorophenol

Concen: 9.04 ng

RT: 10.70 min Scan# 797

Delta R.T. 0.03 min

Lab File: BF081552.D

Acq: 9 Sep 2015 8:17

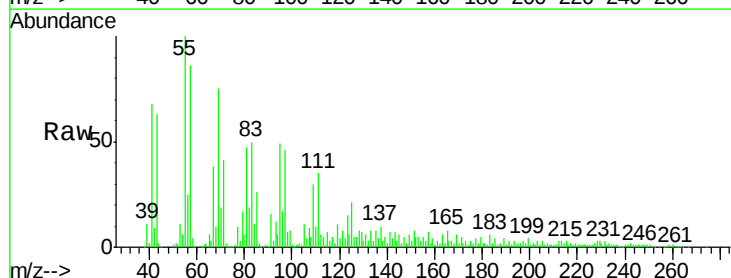
Tgt Ion:266 Resp: 218

Ion Ratio Lower Upper

266 100

268 0.0 49.8 74.6#

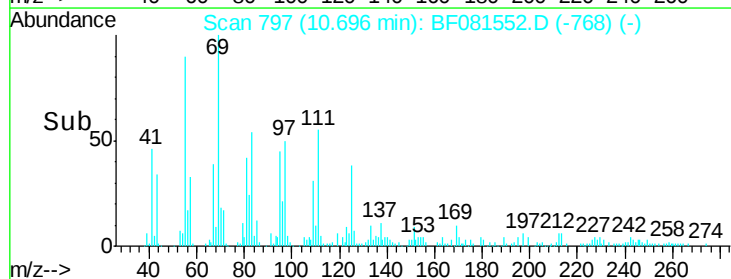
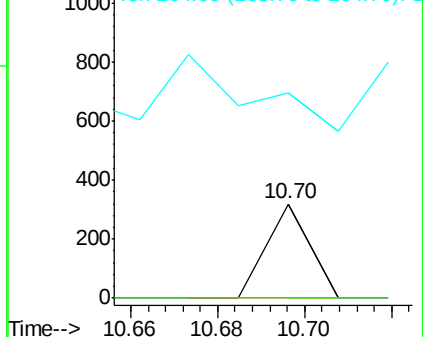
264 218.6 50.2 75.2#

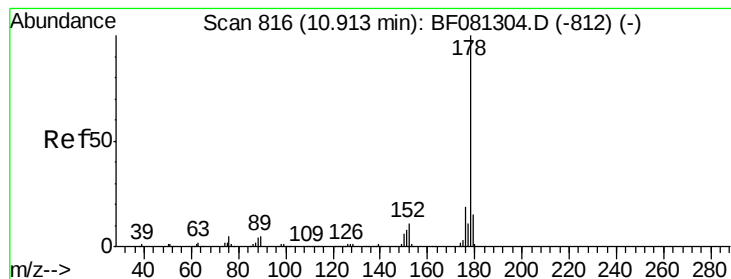


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 31.67 ng

RT: 10.89 min Scan# 814

Delta R.T. 0.02 min

Lab File: BF081552.D

Acq: 9 Sep 2015 8:17

Instrument :

BNA_F

ClientSampleId :

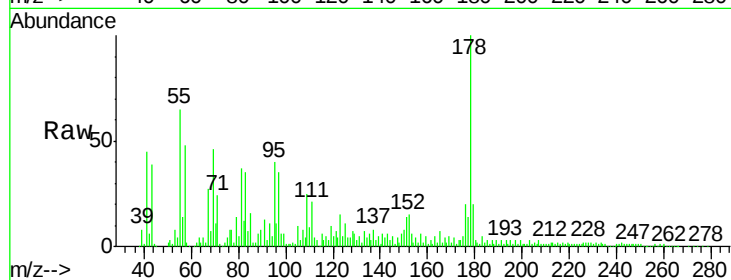
Tot Ion:178 Resp: 222355

Ion Ratio Lower Upper

178 100

176 19.7 13.8 20.8

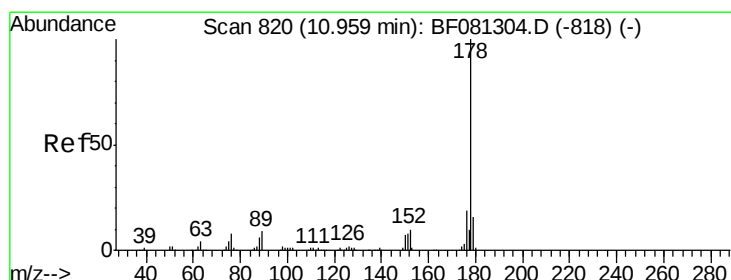
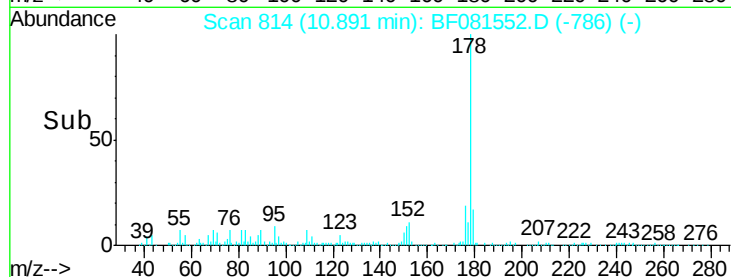
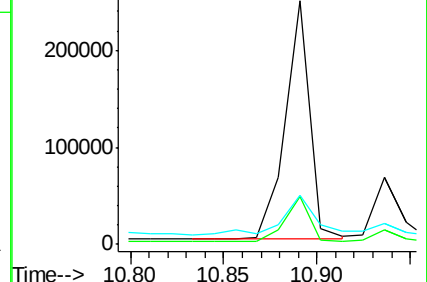
179 20.0 12.2 18.2#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 7.32 ng

RT: 10.94 min Scan# 818

Delta R.T. 0.02 min

Lab File: BF081552.D

Acq: 9 Sep 2015 8:17

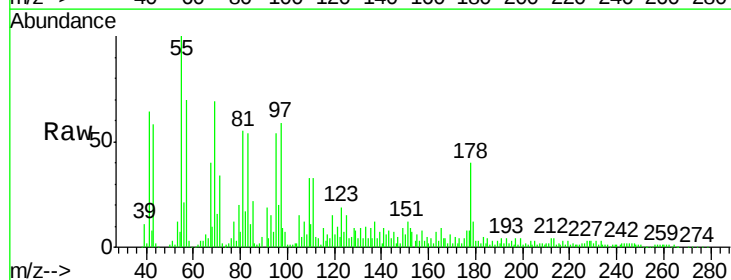
Tgt Ion:178 Resp: 52803

Ion Ratio Lower Upper

178 100

176 20.9 14.1 21.1

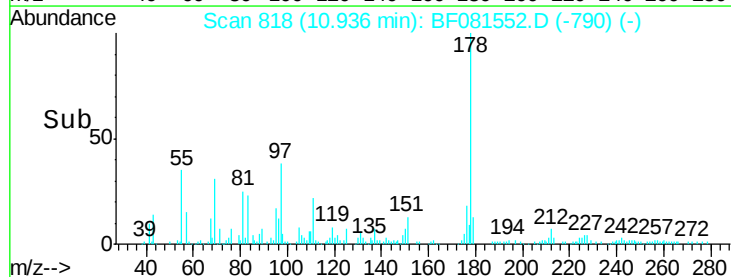
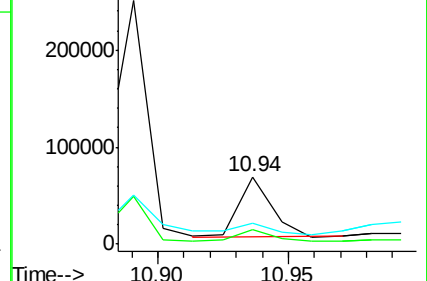
179 31.3 12.2 18.2#

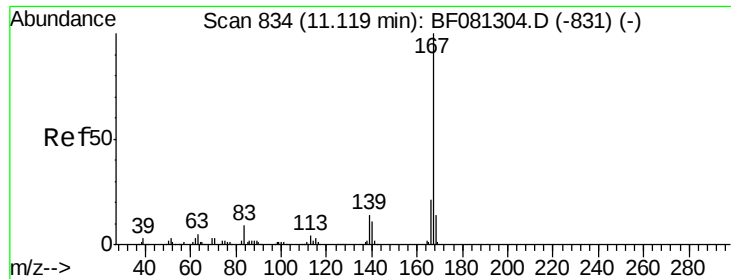


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

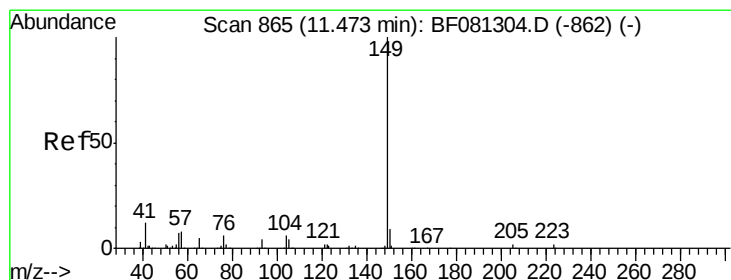
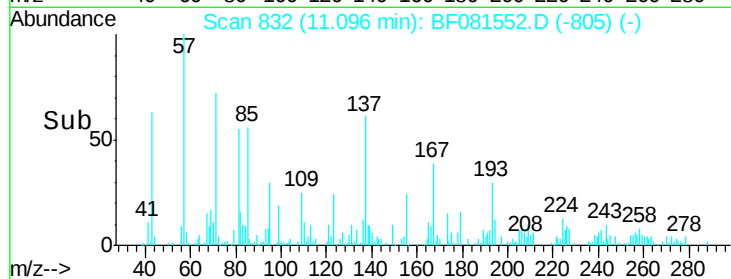
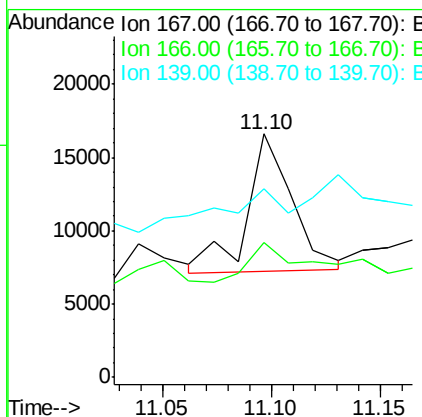
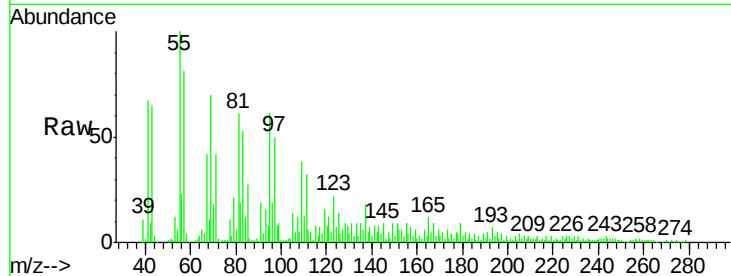




#72
 Carbazole
 Concen: 2.02 ng
 RT: 11.10 min Scan# 832
 Delta R.T. 0.01 min
 Lab File: BF081552.D
 Acq: 9 Sep 2015 8:17

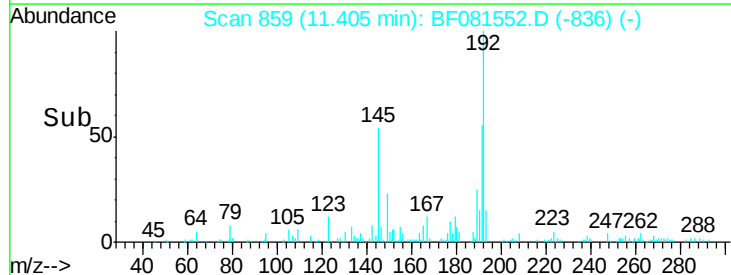
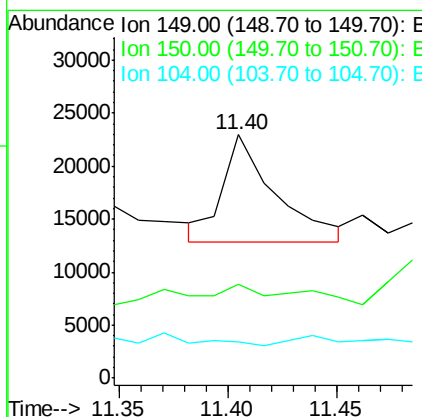
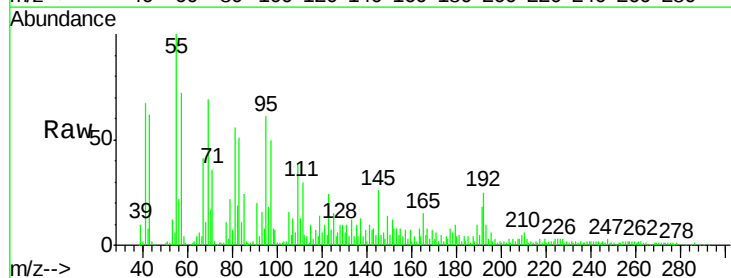
Instrument :
 BNA_F
 ClientSampleId :

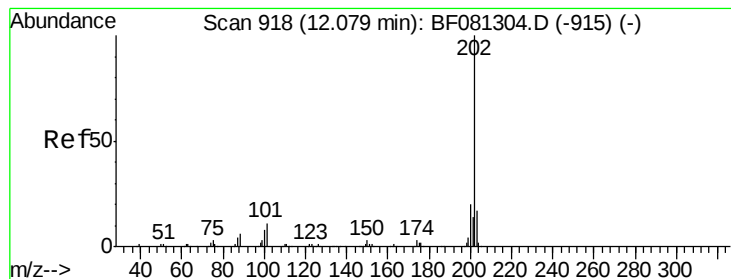
Tot Ion:167 Resp: 13645
 Ion Ratio Lower Upper
 167 100
 166 55.6 15.7 23.5#
 139 77.3 9.5 14.3#



#73
 Di-n-butylphthalate
 Concen: 2.14 ng
 RT: 11.40 min Scan# 859
 Delta R.T. -0.03 min
 Lab File: BF081552.D
 Acq: 9 Sep 2015 8:17

Tgt Ion:149 Resp: 17129
 Ion Ratio Lower Upper
 149 100
 150 38.4 7.4 11.2#
 104 15.0 2.4 3.6#





#74

Fluoranthene

Concen: 40.80 ng

RT: 12.07 min Scan# 917

Delta R.T. 0.03 min

Lab File: BF081552.D

Acq: 9 Sep 2015 8:17

Instrument :

BNA_F

ClientSampleId :

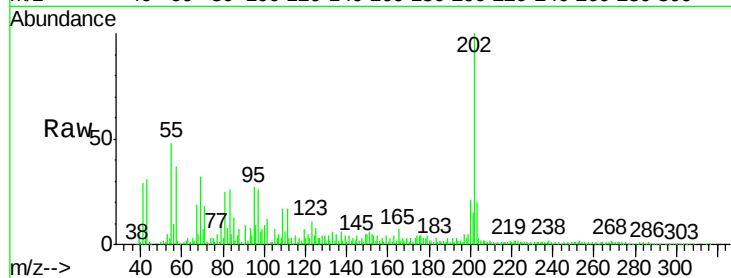
Tot Ion:202 Resp: 310086

Ion Ratio Lower Upper

202 100

101 12.4 0.0 38.3

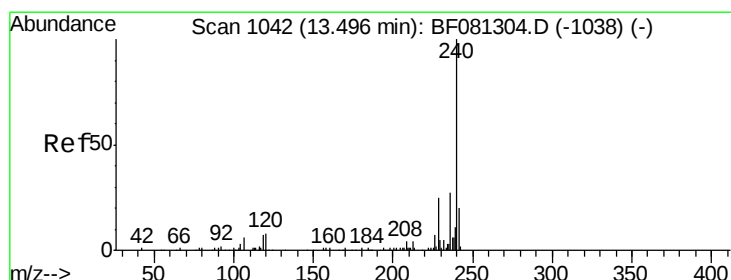
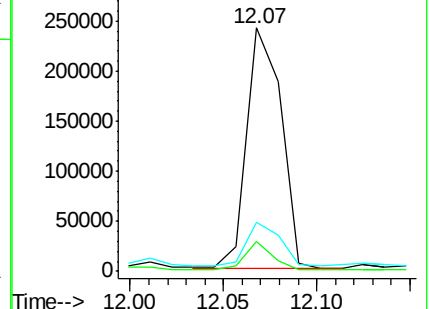
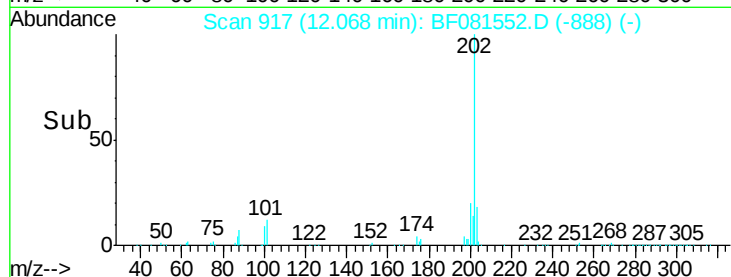
203 20.1 0.0 37.3



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: 13.47 min Scan# 1040

Delta R.T. 0.02 min

Lab File: BF081552.D

Acq: 9 Sep 2015 8:17

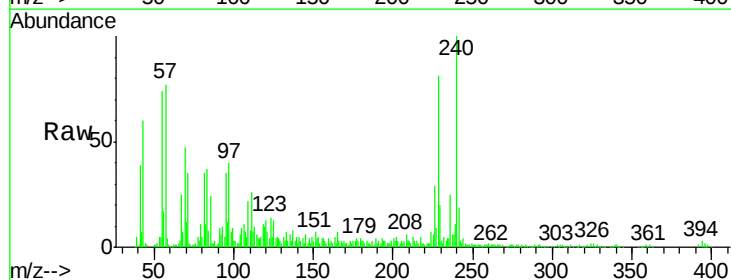
Tgt Ion:240 Resp: 103555

Ion Ratio Lower Upper

240 100

120 12.7 16.2 24.2#

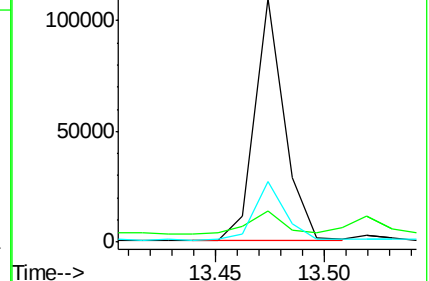
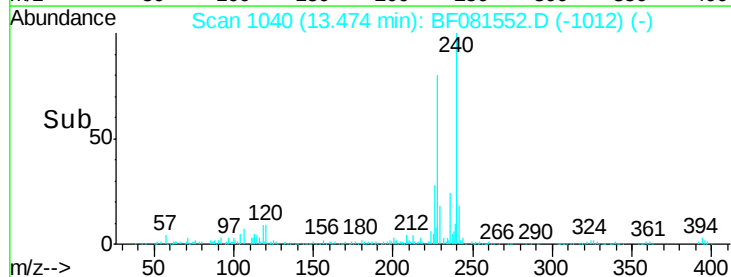
236 24.9 18.4 27.6

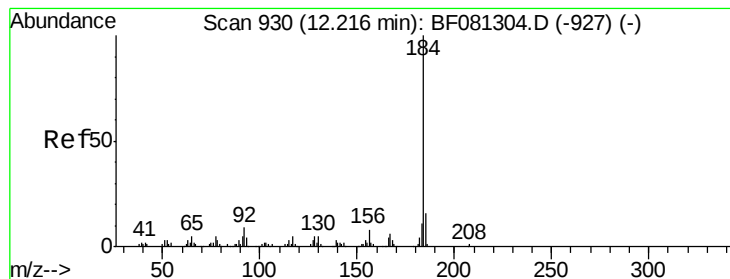


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 3.69 ng

RT: 12.22 min Scan# 930

Delta R.T. 0.03 min

Lab File: BF081552.D

Acq: 9 Sep 2015 8:17

Instrument :

BNA_F

ClientSampleId :

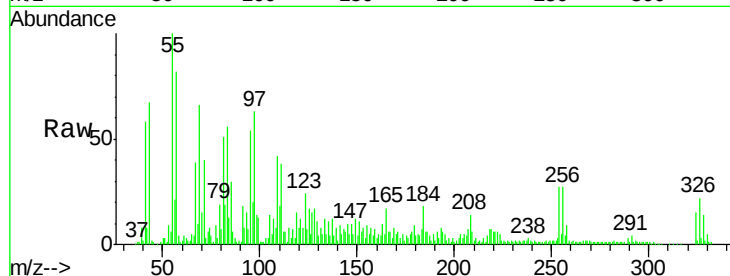
Tot Ion:184 Resp: 16402

Ion Ratio Lower Upper

184 100

185 35.4 11.8 17.6#

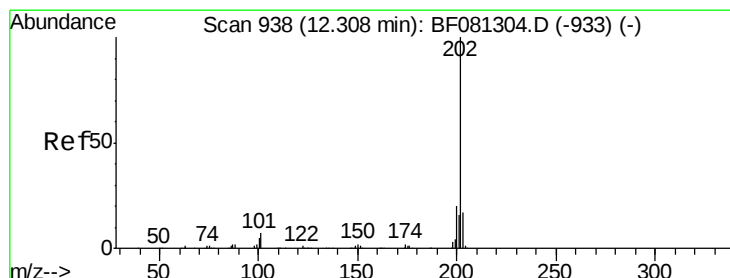
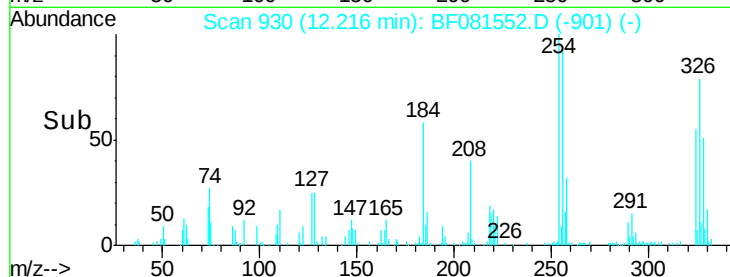
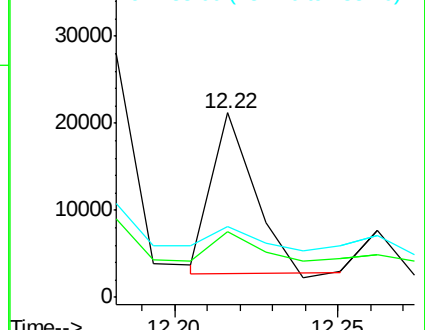
183 38.2 7.6 11.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 48.27 ng

RT: 12.30 min Scan# 937

Delta R.T. 0.03 min

Lab File: BF081552.D

Acq: 9 Sep 2015 8:17

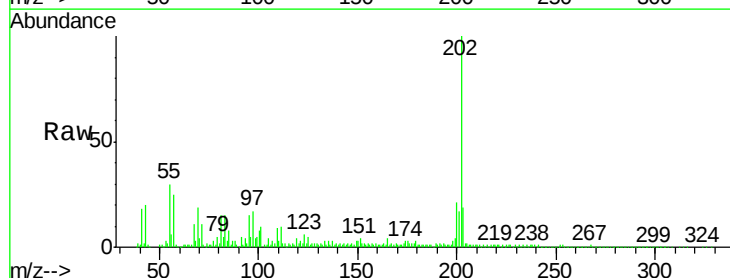
Tgt Ion:202 Resp: 370275

Ion Ratio Lower Upper

202 100

200 20.7 15.0 22.4

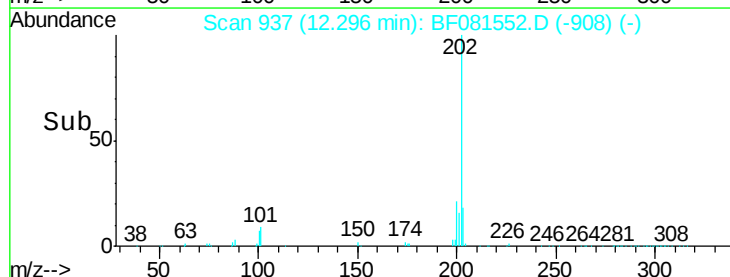
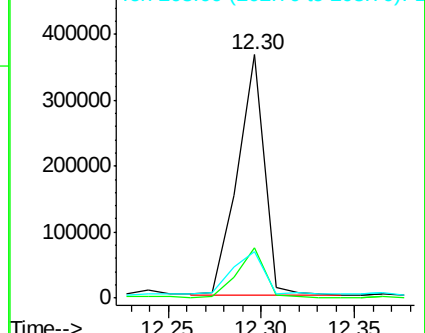
203 19.3 14.1 21.1

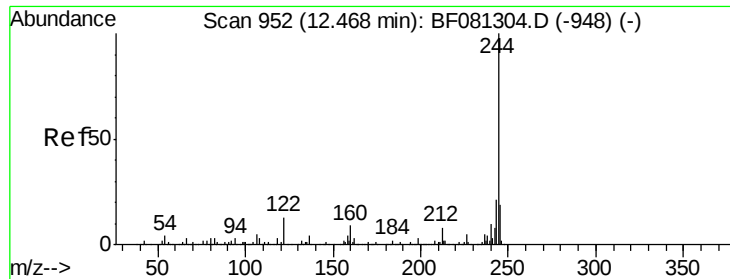


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

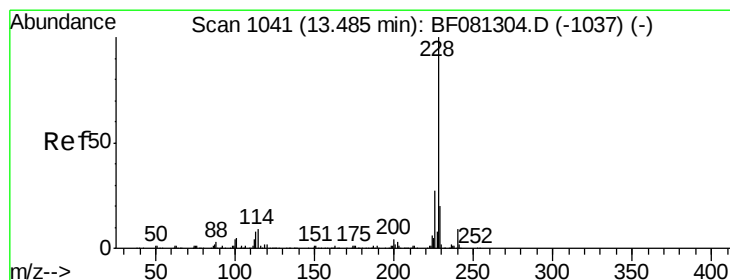
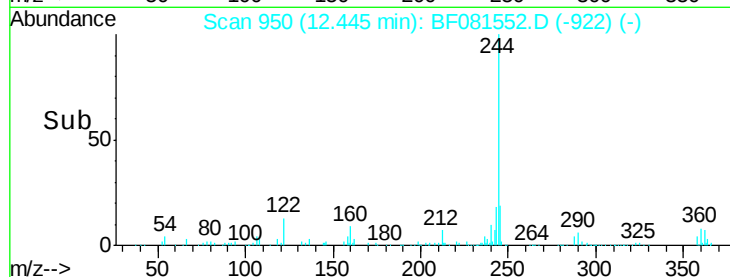
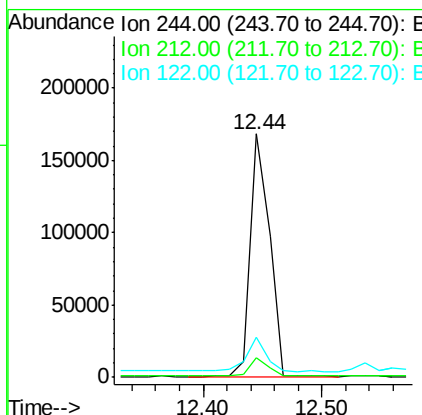
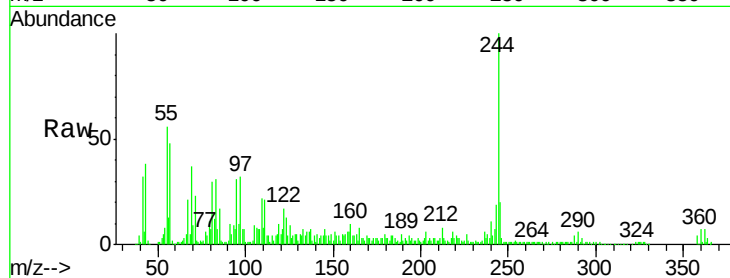




#78
 Terphenyl-d14
 Concen: 42.73 ng
 RT: 12.44 min Scan# 950
 Delta R.T. 0.02 min
 Lab File: BF081552.D
 Acq: 9 Sep 2015 8:17

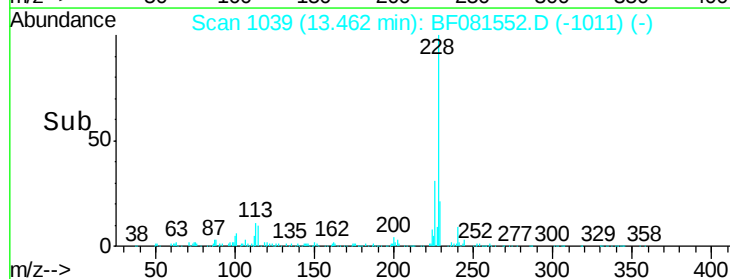
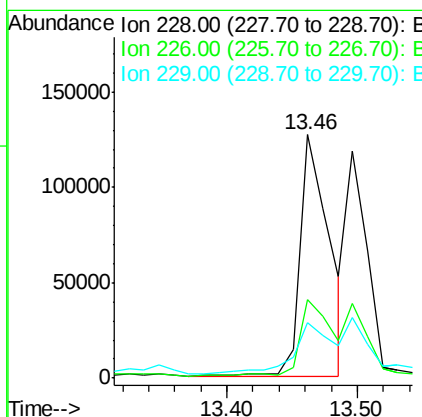
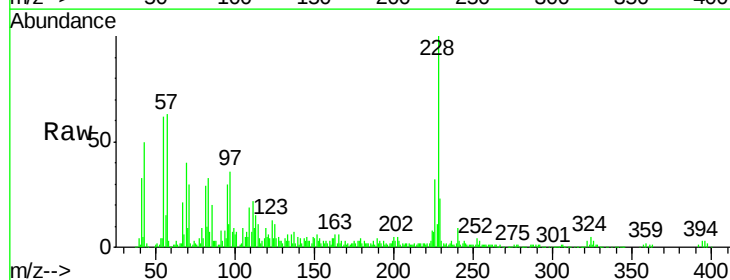
Instrument :
 BNA_F
 ClientSampleId :

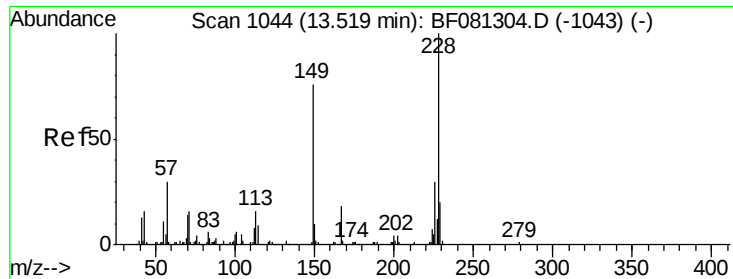
Tot Ion:244 Resp: 190082
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.3 6.5#
 122 16.6 17.4 26.2#



#80
 Benzo(a)anthracene
 Concen: 29.61 ng
 RT: 13.46 min Scan# 1039
 Delta R.T. 0.02 min
 Lab File: BF081552.D
 Acq: 9 Sep 2015 8:17

Tgt Ion:228 Resp: 195242
 Ion Ratio Lower Upper
 228 100
 226 32.2 20.0 30.0#
 229 22.9 15.4 23.2





#82

Chrysene

Concen: 33.03 ng

RT: 13.46 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF081552.D

Acq: 9 Sep 2015 8:17

Instrument :

BNA_F

ClientSampleId :

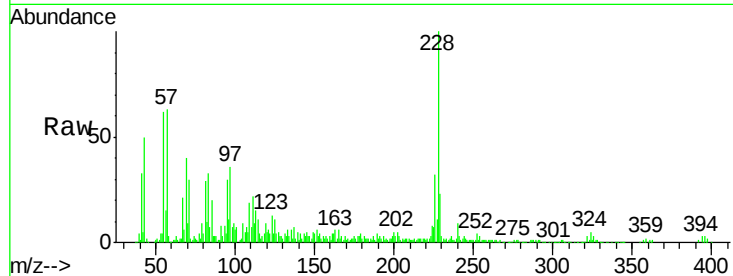
Tot Ion:228 Resp: 195242

Ion Ratio Lower Upper

228 100

226 32.2 21.0 31.4#

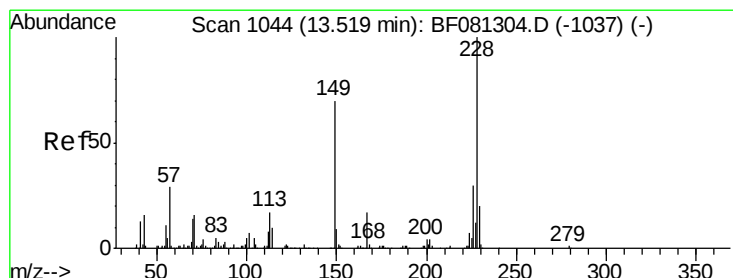
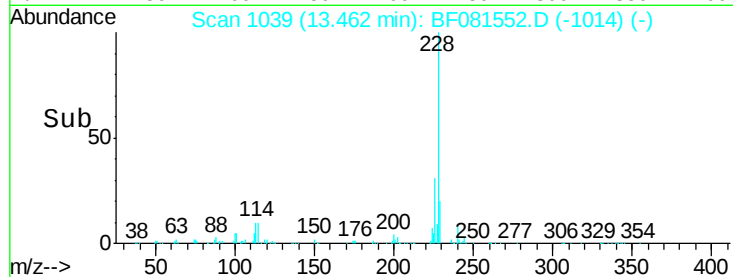
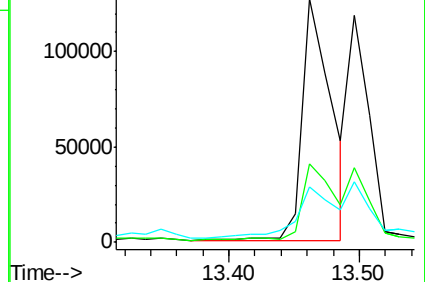
229 22.9 15.6 23.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.17 ng

RT: 13.50 min Scan# 1042

Delta R.T. 0.02 min

Lab File: BF081552.D

Acq: 9 Sep 2015 8:17

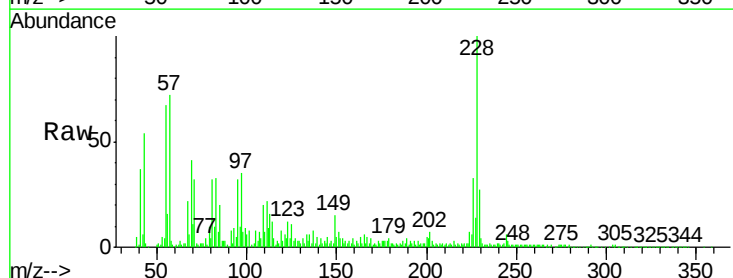
Tgt Ion:149 Resp: 13958

Ion Ratio Lower Upper

149 100

167 35.4 24.2 36.2

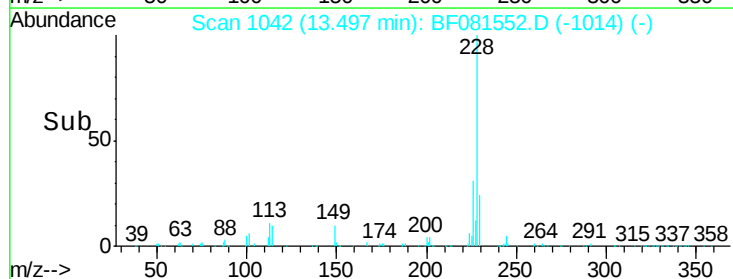
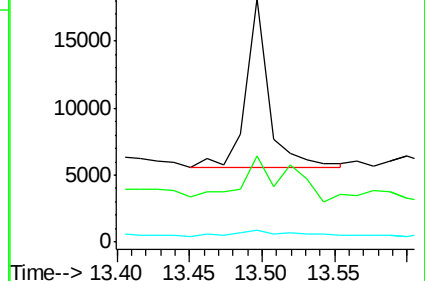
279 5.0 3.8 5.6

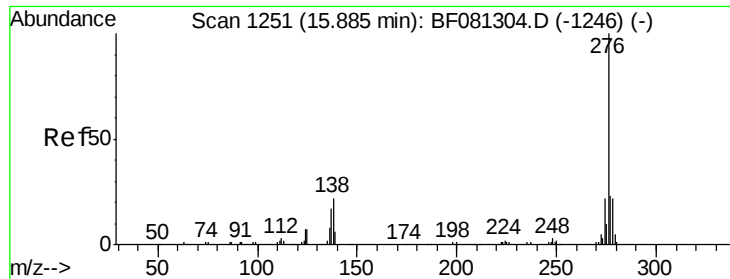


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Indeno(1,2,3-cd)pyrene

Concen: 11.94 ng

RT: 15.86 min Scan# 1249

Delta R.T. 0.03 min

Lab File: BF081552.D

Acq: 9 Sep 2015 8:17

Instrument :

BNA_F

ClientSampleId :

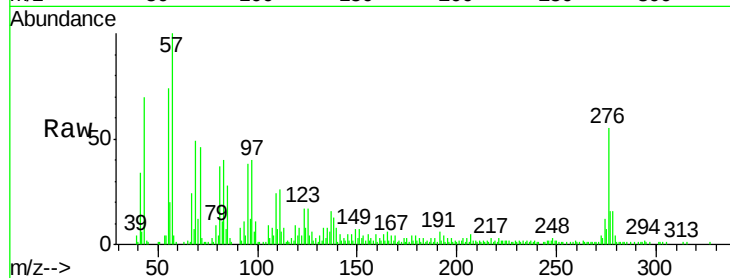
Tot Ion:276 Resp: 51799

Ion Ratio Lower Upper

276 100

138 17.9 25.7 38.5#

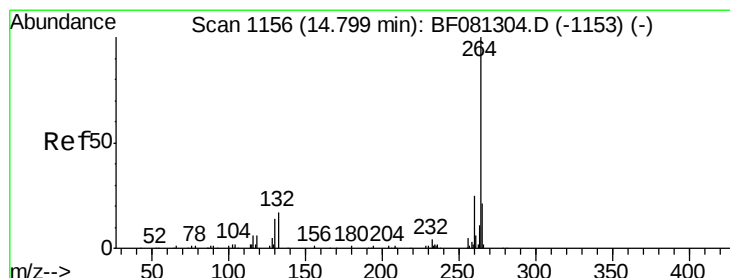
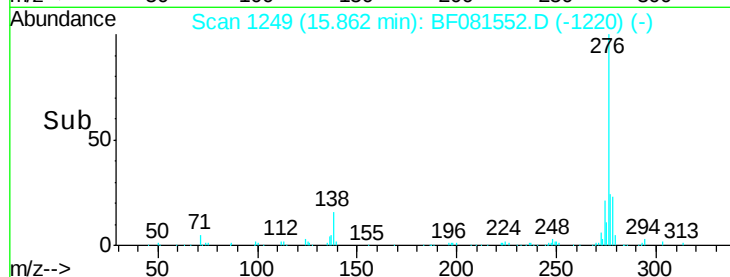
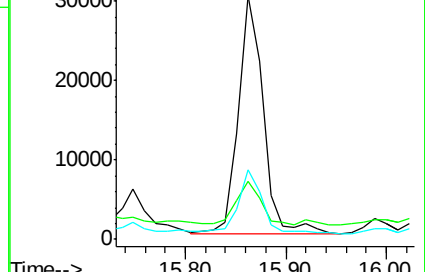
277 26.5 15.6 23.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 14.79 min Scan# 1155

Delta R.T. 0.03 min

Lab File: BF081552.D

Acq: 9 Sep 2015 8:17

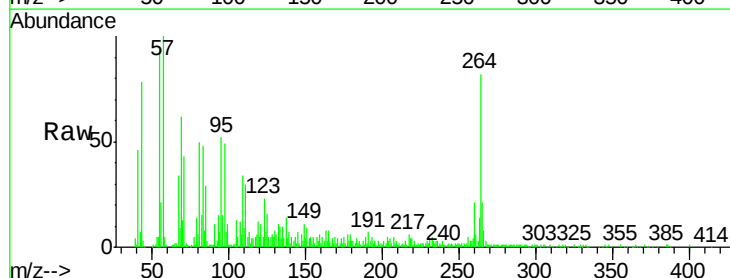
Tgt Ion:264 Resp: 78939

Ion Ratio Lower Upper

264 100

260 24.9 16.7 25.1

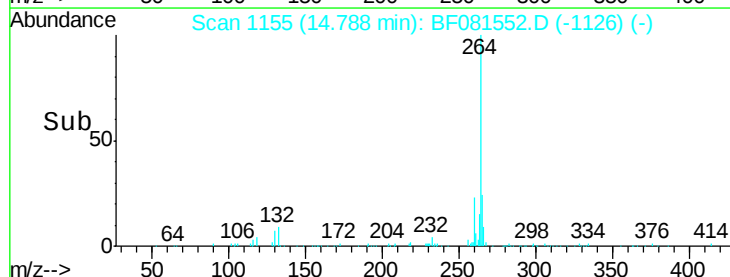
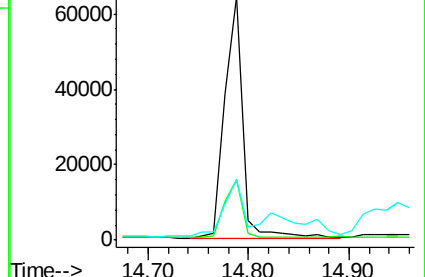
265 25.1 17.2 25.8

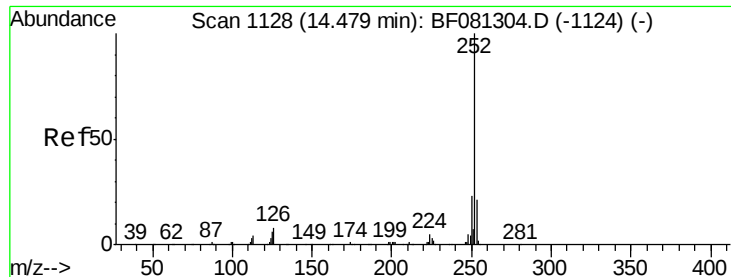


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 36.63 ng

RT: 14.46 min Scan# 1126

Delta R.T. 0.02 min

Lab File: BF081552.D

Acq: 9 Sep 2015 8:17

Instrument :

BNA_F

ClientSampleId :

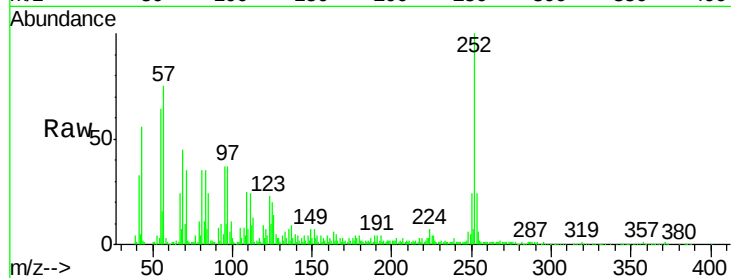
Tot Ion:252 Resp: 206432

Ion Ratio Lower Upper

252 100

253 23.8 17.5 26.3

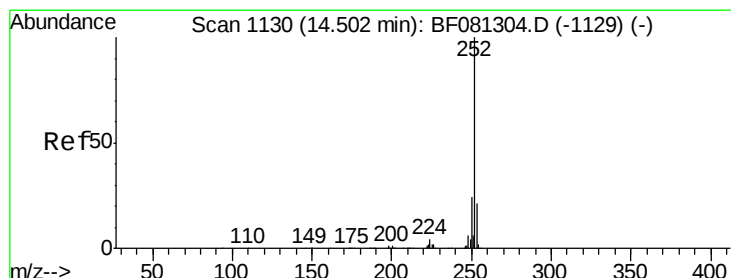
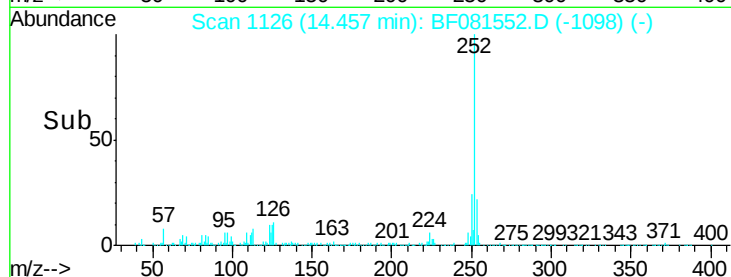
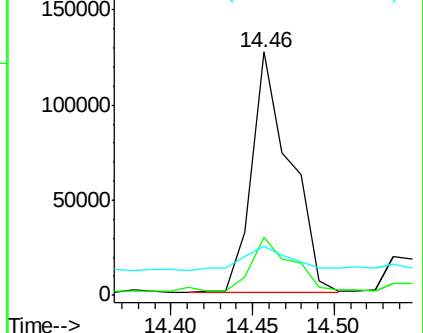
125 20.3 17.1 25.7



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



#88

Benzo(k)fluoranthene

Concen: 44.14 ng

RT: 14.46 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BF081552.D

Acq: 9 Sep 2015 8:17

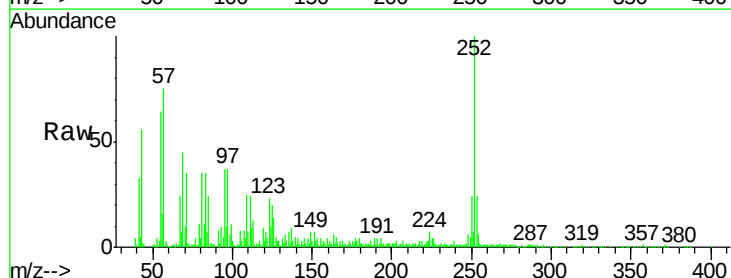
Tgt Ion:252 Resp: 206432

Ion Ratio Lower Upper

252 100

253 23.8 17.0 25.4

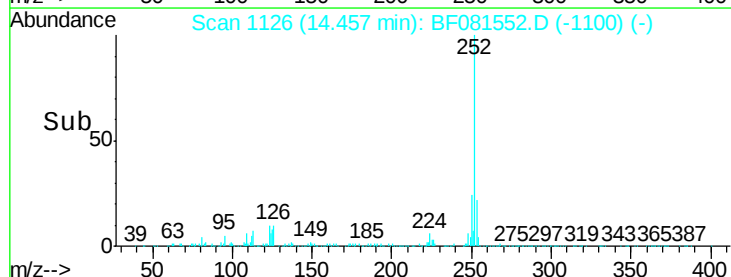
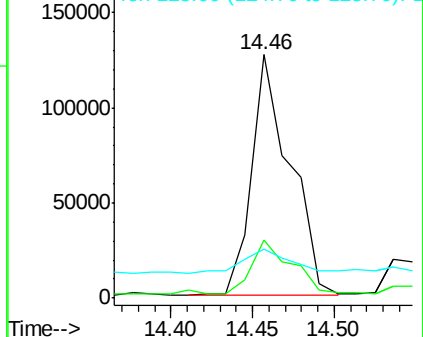
125 20.3 16.0 24.0

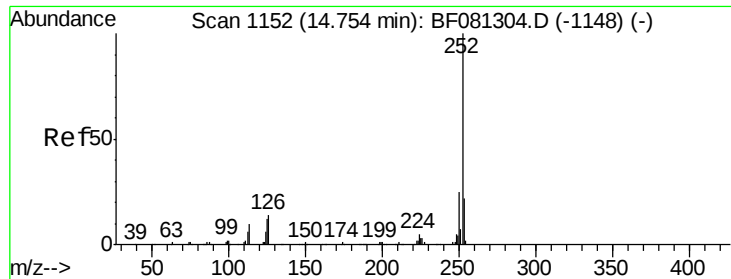


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 19.12 ng

RT: 14.74 min Scan# 1151

Delta R.T. 0.03 min

Lab File: BF081552.D

Acq: 9 Sep 2015 8:17

Instrument :

BNA_F

ClientSampled :

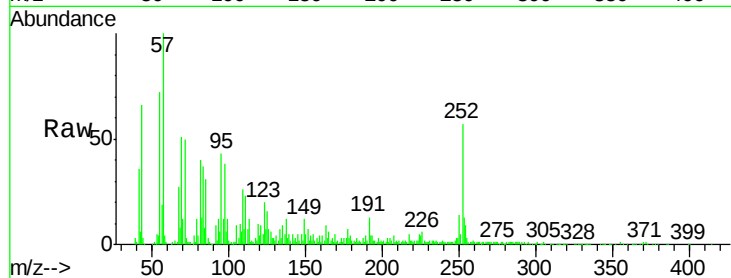
Tot Ion:252 Resp: 91301

Ion Ratio Lower Upper

252 100

253 23.3 17.2 25.8

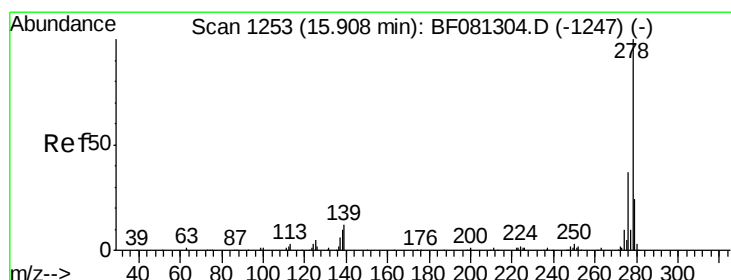
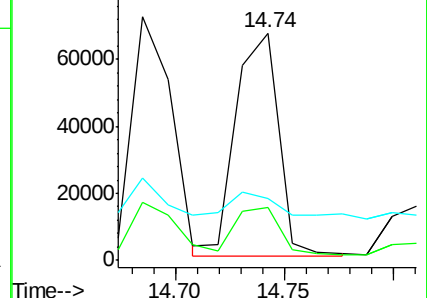
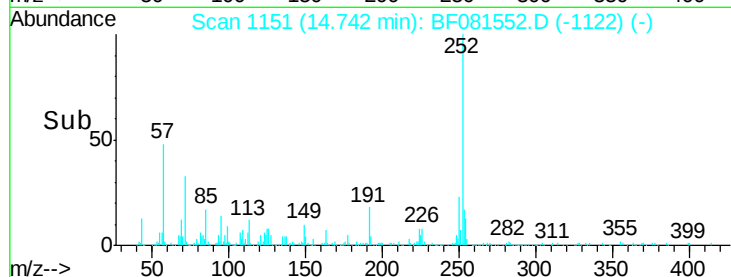
125 27.1 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 4.75 ng

RT: 15.87 min Scan# 1250

Delta R.T. 0.03 min

Lab File: BF081552.D

Acq: 9 Sep 2015 8:17

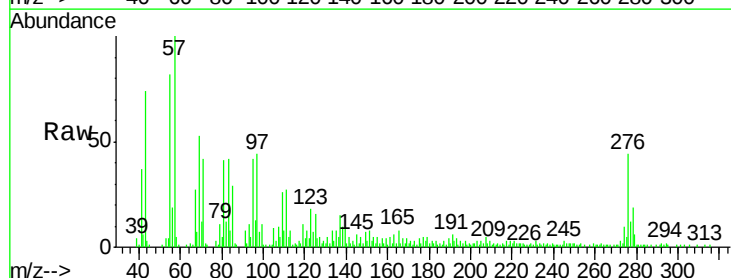
Tgt Ion:278 Resp: 17540

Ion Ratio Lower Upper

278 100

139 46.5 26.3 39.5#

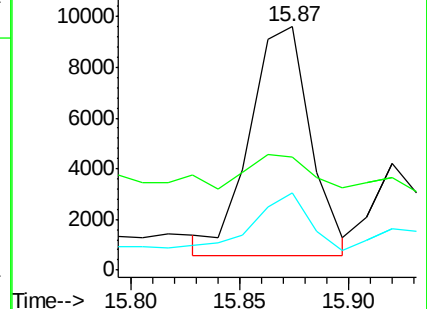
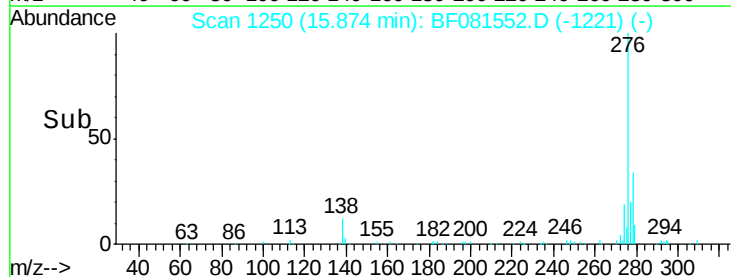
279 31.9 18.2 27.4#

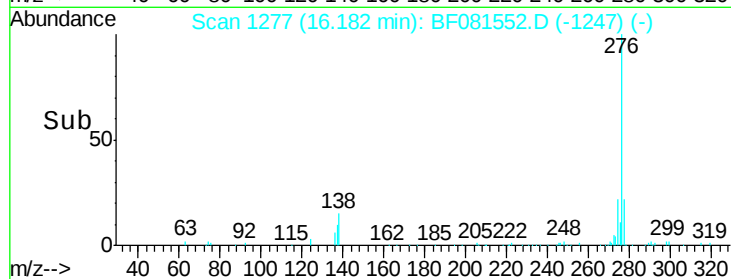
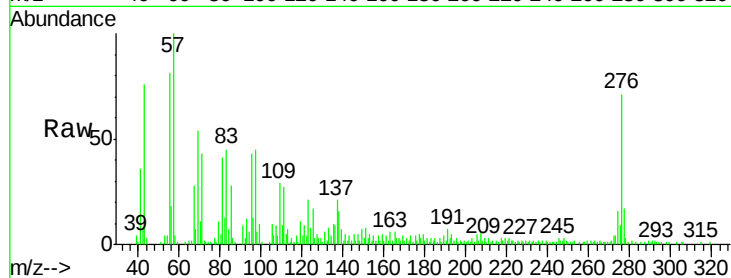
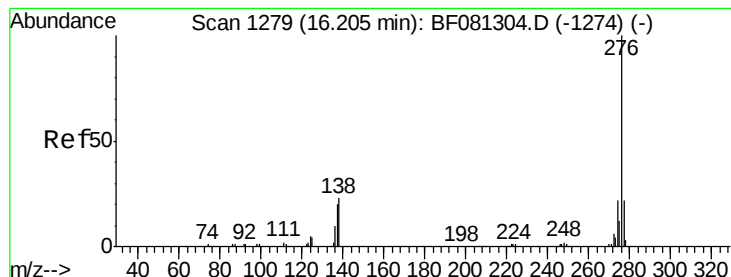


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 13.64 ng
 RT: 16.18 min Scan# 1277
 Delta R.T. 0.05 min
 Lab File: BF081552.D
 Acq: 9 Sep 2015 8:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	17.8	26.6
138	22.3	34.6	51.8

