

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031815\
 Data File : BF077826.D
 Acq On : 19 Mar 2015 7:35
 Operator : TP/IZ
 Sample : G1535-03 2X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP3B-6B-7B-10(6-15)

Quant Time: Mar 19 07:23:45 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 04:21:27 2015
 Response via : Initial Calibration

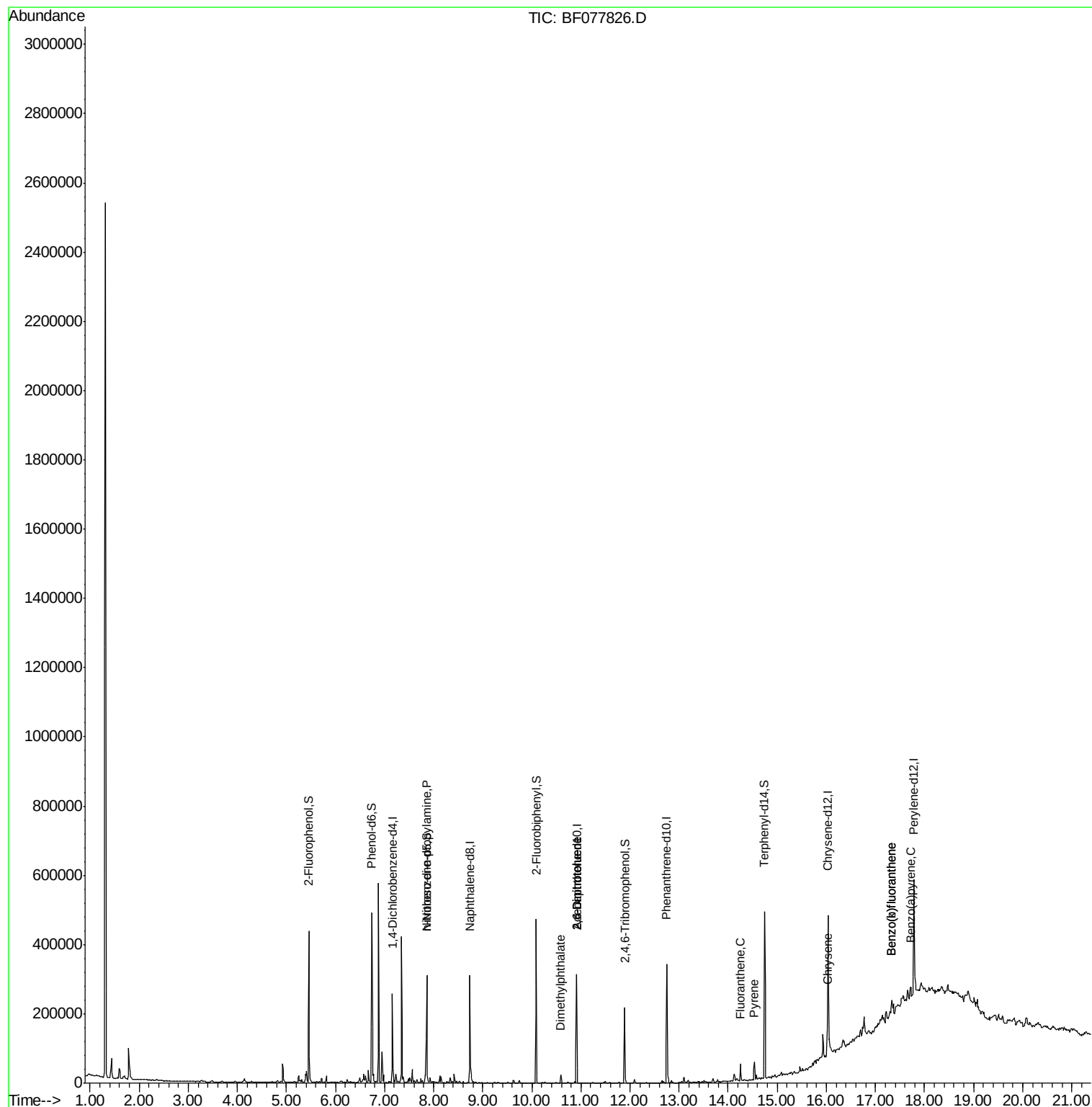
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	40570	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	135741	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	68381	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	139948	20.00	ng	0.01
75) Chrysene-d12	16.03	240	177201	20.00	ng	0.00
86) Perylene-d12	17.78	264	176802	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	147857	63.62	ng	0.02
7) Phenol-d6	6.74	99	185273	64.52	ng	0.01
23) Nitrobenzene-d5	7.86	82	106884	51.62	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	38464	58.79	ng	0.01
44) 2-Fluorobiphenyl	10.09	172	176708	37.98	ng	0.00
78) Terphenyl-d14	14.74	244	191004	26.33	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.86	70	13516	6.80	ng	# 77
49) Dimethylphthalate	10.59	163	11647	2.30	ng	98
50) 2,6-Dinitrotoluene	10.91	165	8792	8.36	ng	# 24
56) 2,4-Dinitrotoluene	10.91	165	8793	6.41	ng	# 11
74) Fluoranthene	14.25	202	25292	2.85	ng	91
77) Pyrene	14.53	202	25013	2.24	ng	99
82) Chrysene	16.02	228	20060	2.12	ng	92
87) Benzo(b)fluoranthene	17.33	252	40086	3.47	ng	# 88
88) Benzo(k)fluoranthene	17.33	252	40086	4.45	ng	# 84
89) Benzo(a)pyrene	17.72	252	21260	2.21	ng	# 82

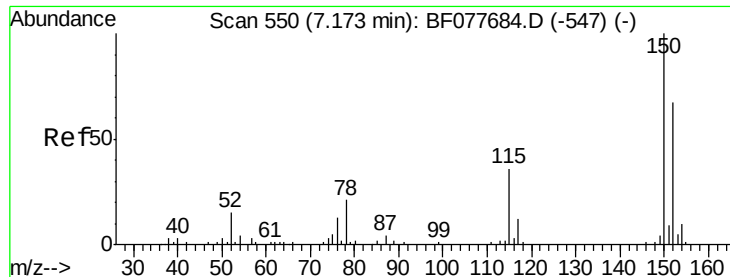
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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COMP3B-6B-7B-10(6-15)

Quant Time: Mar 19 07:23:45 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
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QLast Update : Thu Mar 19 04:21:27 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.16 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF077826.D

Acq: 19 Mar 2015 7:35

Instrument :

BNA_F

ClientSampleId :

COMP3B-6B-7B-10(6-15)

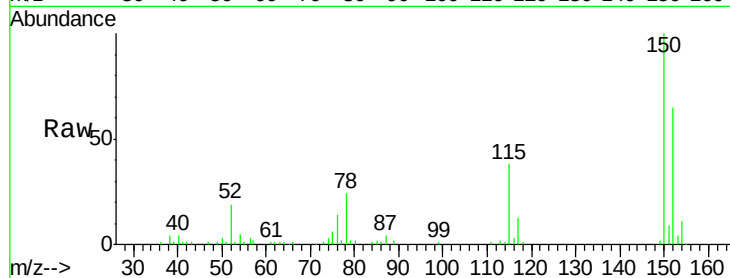
Tgt Ion:152 Resp: 40570

Ion Ratio Lower Upper

152 100

150 153.0 119.5 179.3

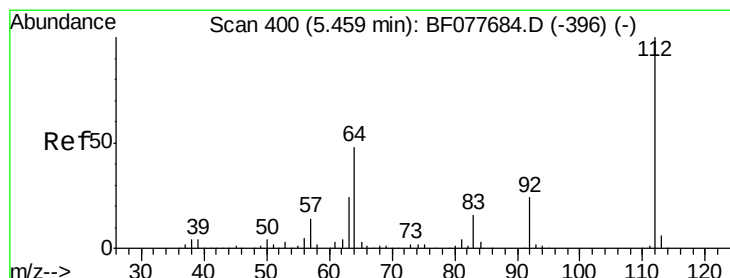
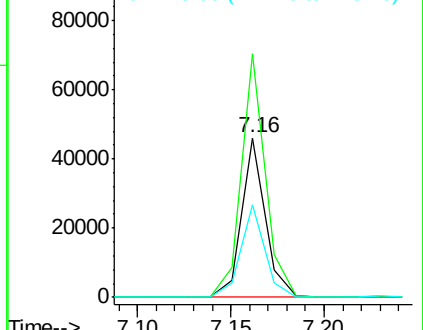
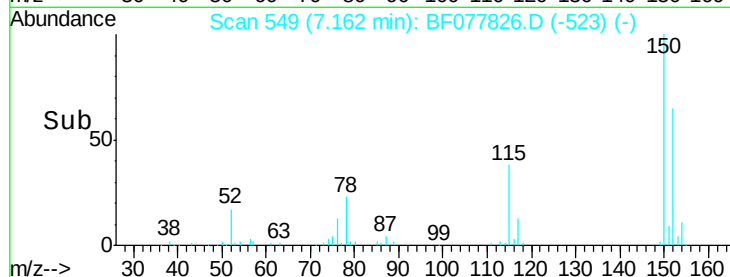
115 58.2 43.0 64.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 63.62 ng

RT: 5.46 min Scan# 400

Delta R.T. 0.02 min

Lab File: BF077826.D

Acq: 19 Mar 2015 7:35

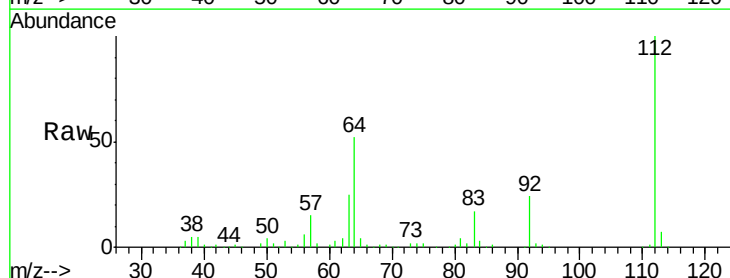
Tgt Ion:112 Resp: 147857

Ion Ratio Lower Upper

112 100

64 51.6 38.6 57.8

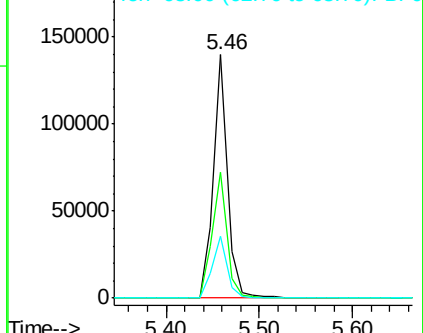
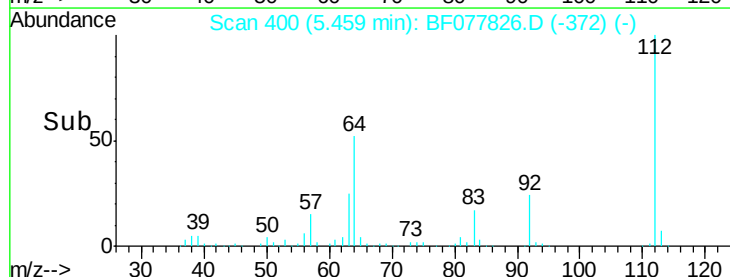
63 25.4 19.3 28.9

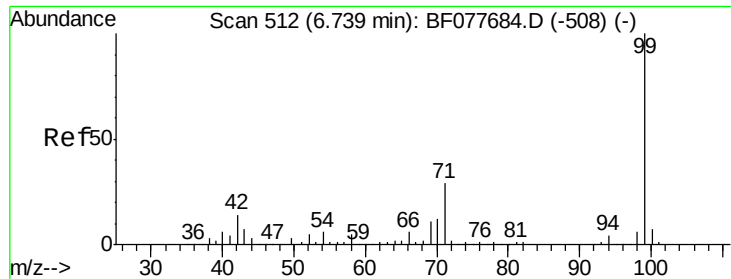


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 64.52 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.01 min

Lab File: BF077826.D

Acq: 19 Mar 2015 7:35

Instrument :

BNA_F

ClientSampleId :

COMP3B-6B-7B-10(6-15)

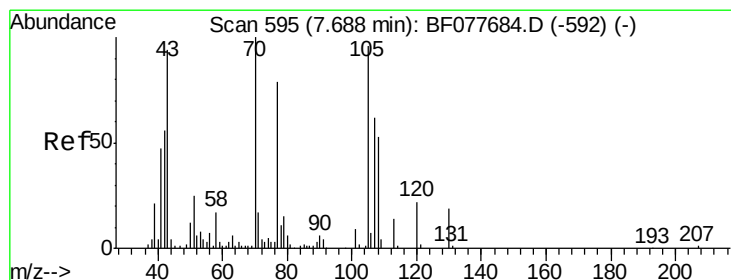
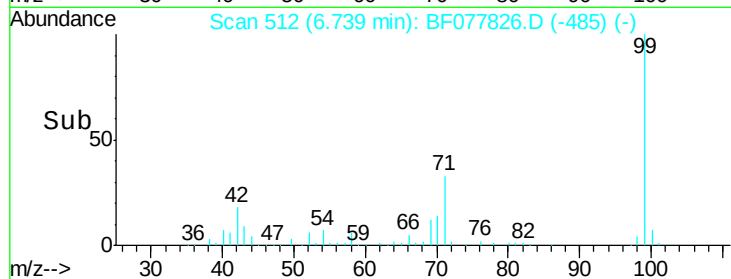
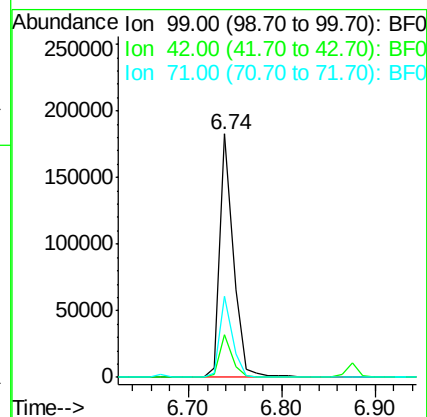
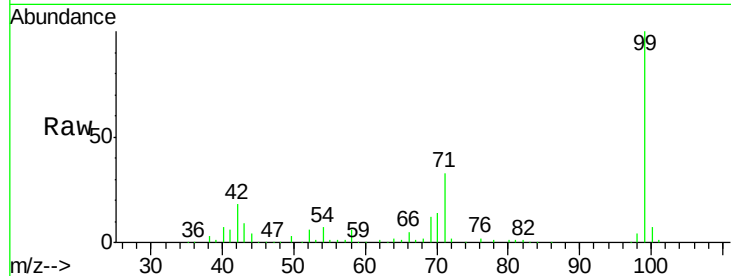
Tgt Ion: 99 Resp: 185273

Ion Ratio Lower Upper

99 100

42 17.5 11.0 16.4#

71 33.4 23.4 35.2



#19

n-Nitroso-di-n-propylamine

Concen: 6.80 ng

RT: 7.86 min Scan# 610

Delta R.T. 0.18 min

Lab File: BF077826.D

Acq: 19 Mar 2015 7:35

Tgt Ion: 70 Resp: 13516

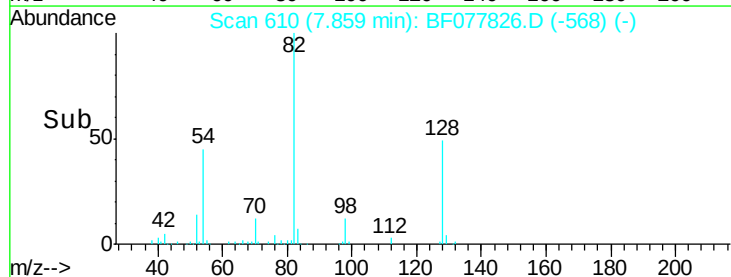
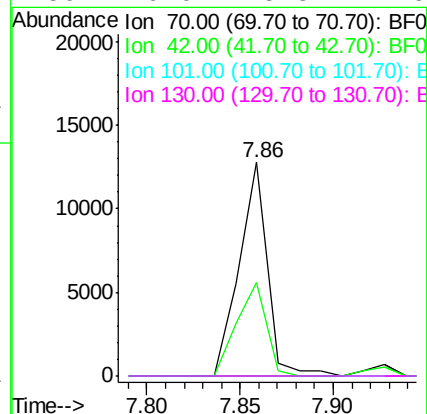
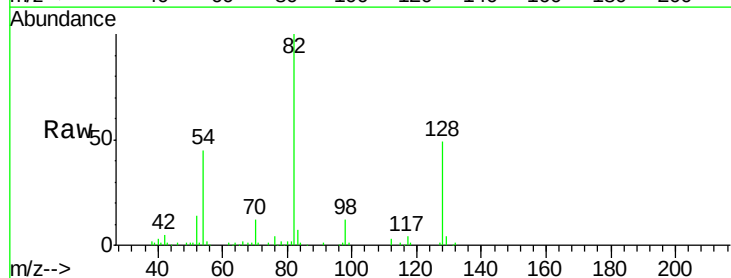
Ion Ratio Lower Upper

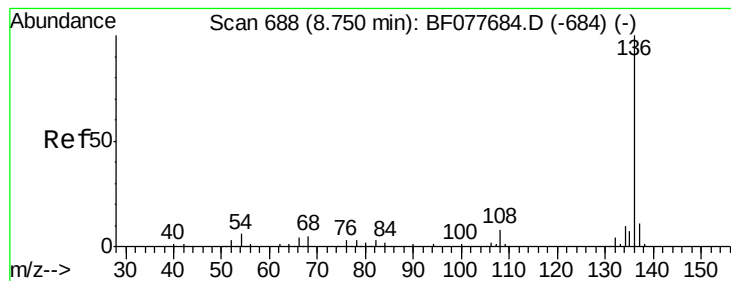
70 100

42 43.7 44.5 66.7#

101 0.0 7.4 11.2#

130 0.0 15.3 22.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.74 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF077826.D

Acq: 19 Mar 2015 7:35

Instrument :

BNA_F

ClientSampleId :

COMP3B-6B-7B-10(6-15)

Tgt Ion: 136 Resp: 135741

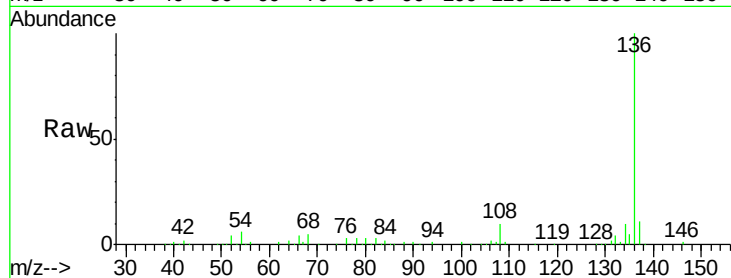
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 6.5 4.6 6.8

68 5.0 3.7 5.5

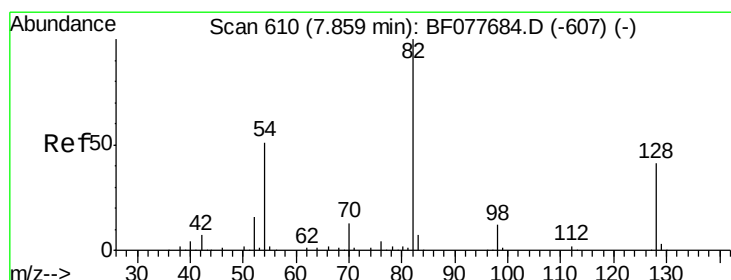
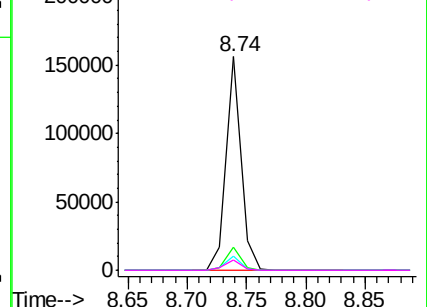
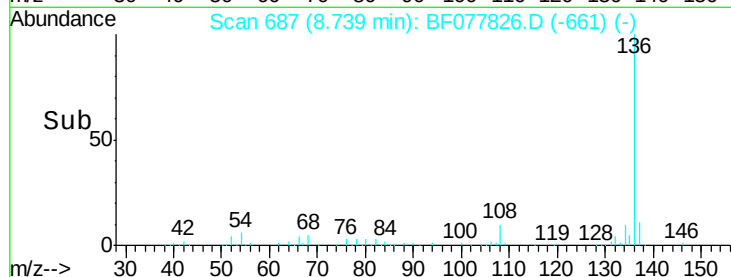


Abundance Ion 136.00 (135.70 to 136.70): E

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: 51.62 ng

RT: 7.86 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF077826.D

Acq: 19 Mar 2015 7:35

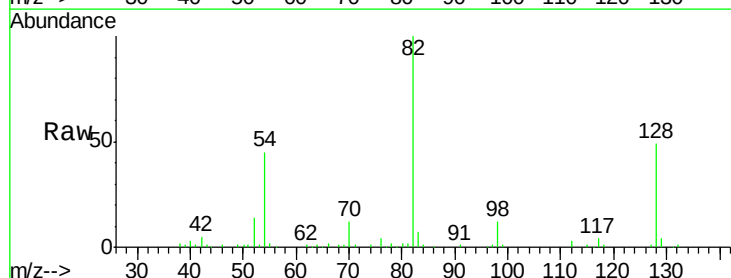
Tgt Ion: 82 Resp: 106884

Ion Ratio Lower Upper

82 100

128 49.4 32.8 49.2#

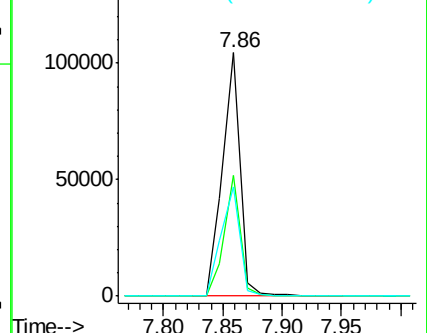
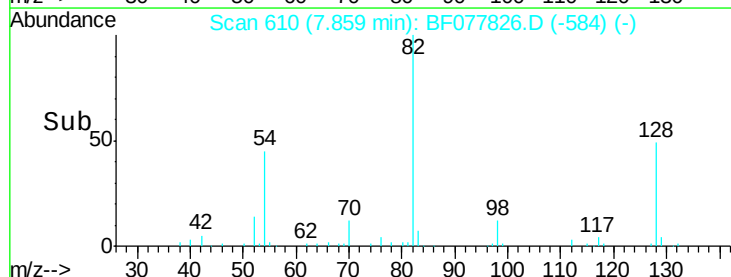
54 44.8 40.6 60.8

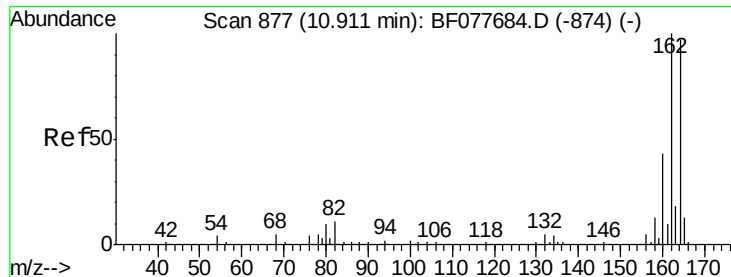


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.91 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF077826.D

Acq: 19 Mar 2015 7:35

Instrument :

BNA_F

ClientSampleId :

COMP3B-6B-7B-10(6-15)

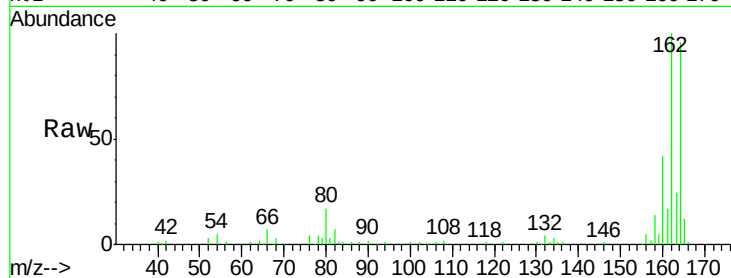
Tgt Ion:164 Resp: 68381

Ion Ratio Lower Upper

164 100

162 104.1 82.4 123.6

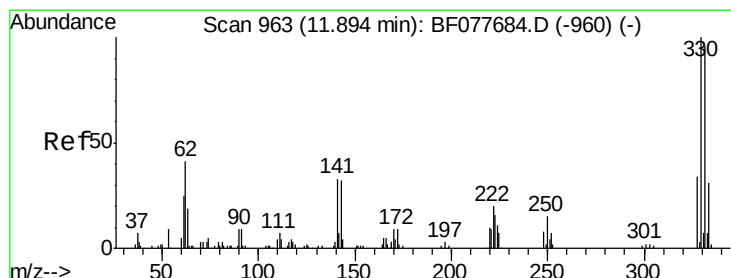
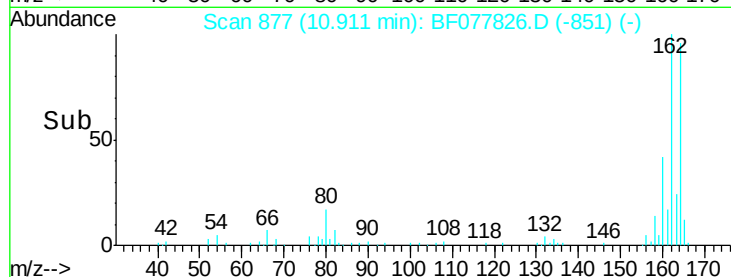
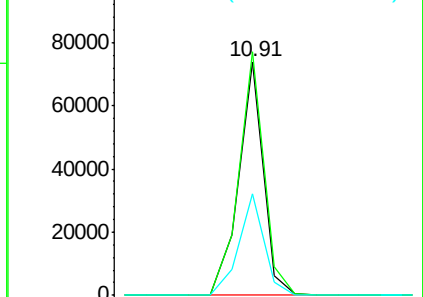
160 43.2 35.8 53.6



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: 58.79 ng

RT: 11.89 min Scan# 963

Delta R.T. 0.01 min

Lab File: BF077826.D

Acq: 19 Mar 2015 7:35

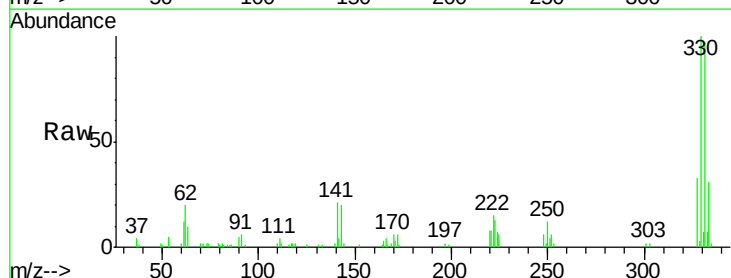
Tgt Ion:330 Resp: 38464

Ion Ratio Lower Upper

330 100

332 96.8 0.0 0.0#

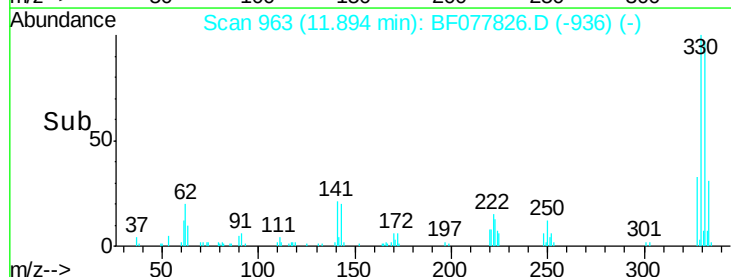
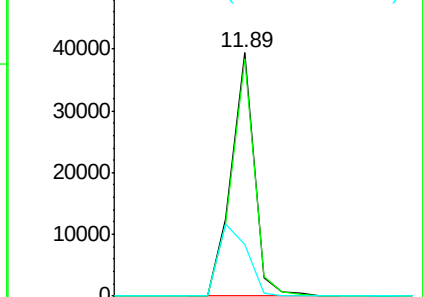
141 36.3 0.0 0.0#

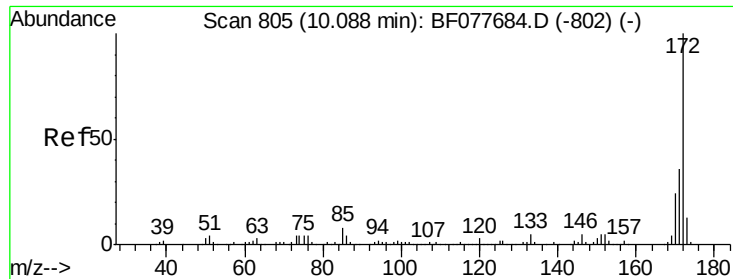


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

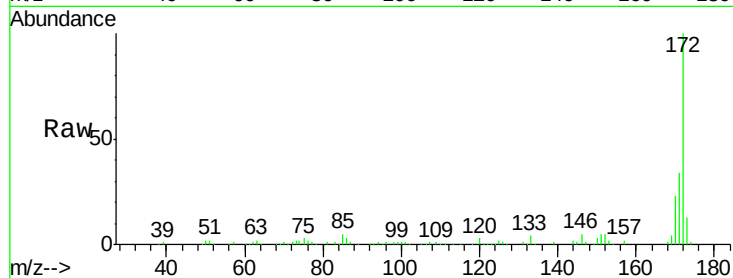




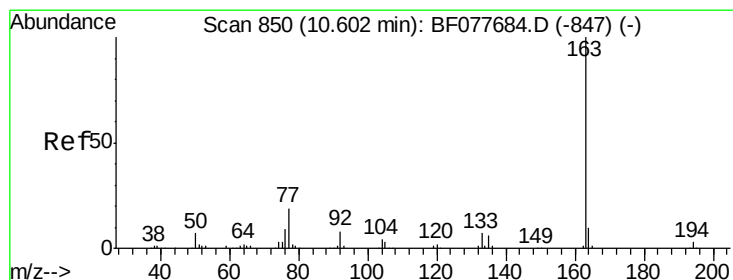
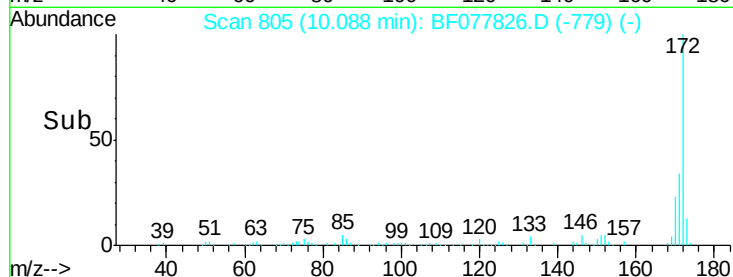
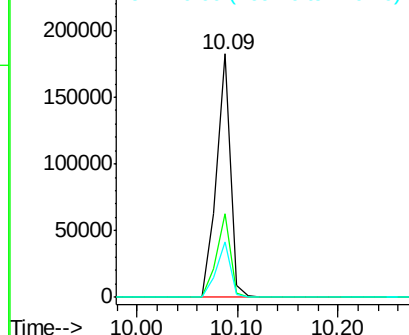
#44
2-Fluorobiphenyl
Concen: 37.98 ng
RT: 10.09 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF077826.D
Acq: 19 Mar 2015 7:35

Instrument :
BNA_F
ClientSampleId :
COMP3B-6B-7B-10(6-15)

Tgt Ion:172 Resp: 176708
Ion Ratio Lower Upper
172 100
171 34.3 28.5 42.7
170 22.8 18.8 28.2

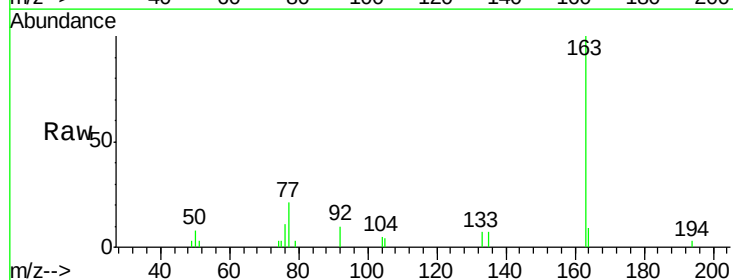


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

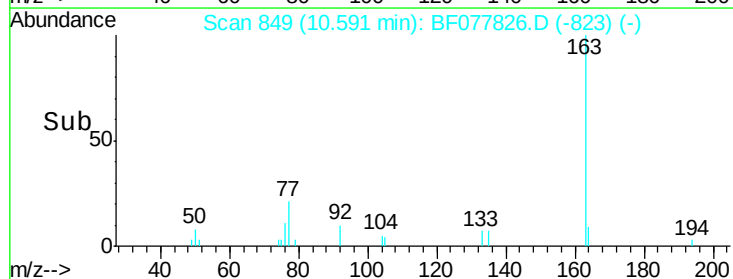
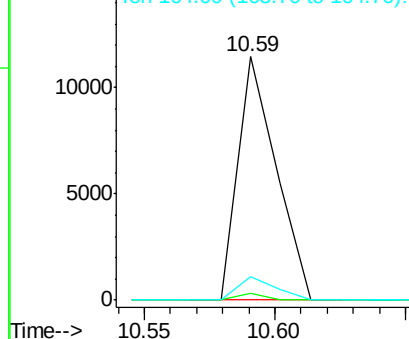


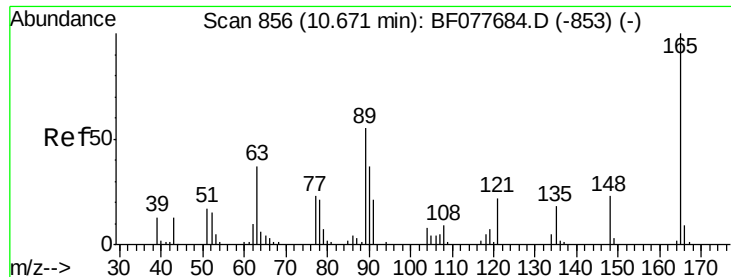
#49
Dimethylphthalate
Concen: 2.30 ng
RT: 10.59 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF077826.D
Acq: 19 Mar 2015 7:35

Tgt Ion:163 Resp: 11647
Ion Ratio Lower Upper
163 100
194 3.0 2.7 4.1
164 9.4 8.2 12.2



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

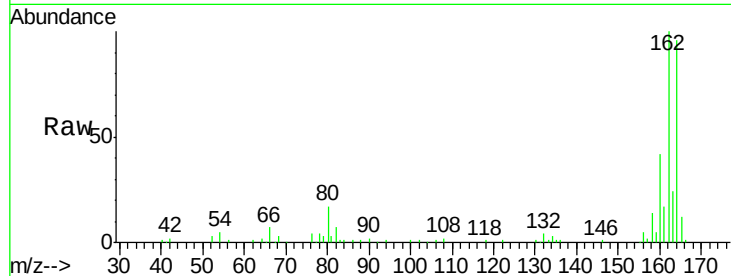




#50
 2,6-Dinitrotoluene
 Concen: 8.36 ng
 RT: 10.91 min Scan# 877
 Delta R.T. 0.24 min
 Lab File: BF077826.D
 Acq: 19 Mar 2015 7:35

Instrument :
 BNA_F
 ClientSampleId :
 COMP3B-6B-7B-10(6-15)

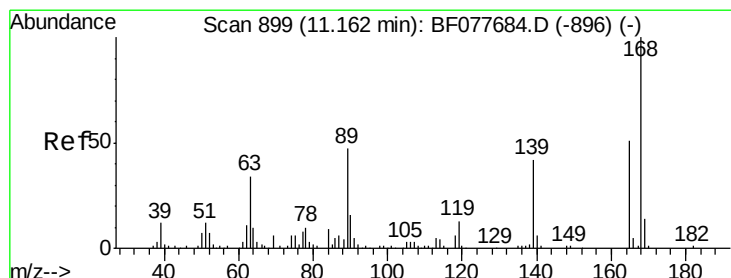
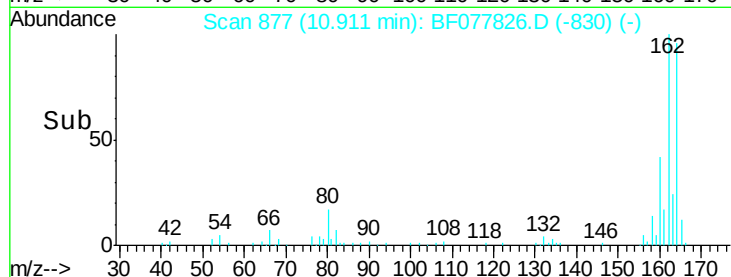
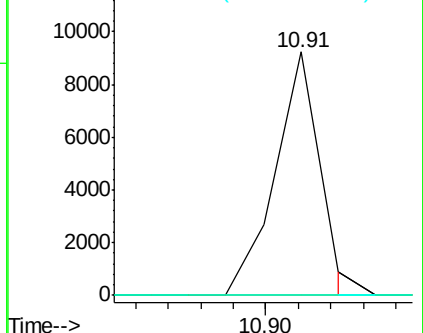
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	0.0	44.3	66.5#



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



#56
 2,4-Dinitrotoluene
 Concen: 6.41 ng
 RT: 10.91 min Scan# 877
 Delta R.T. -0.25 min
 Lab File: BF077826.D
 Acq: 19 Mar 2015 7:35

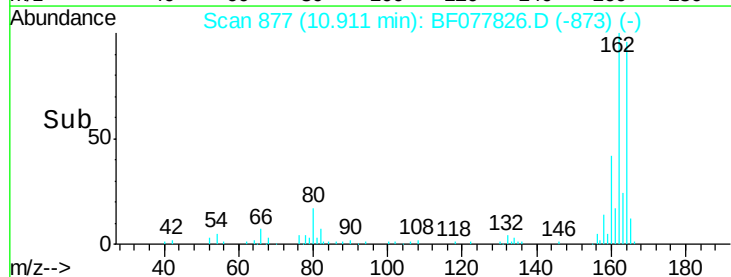
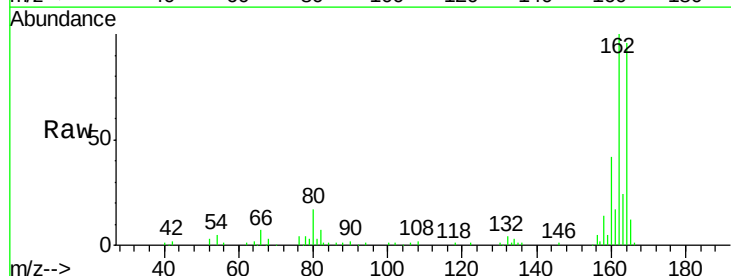
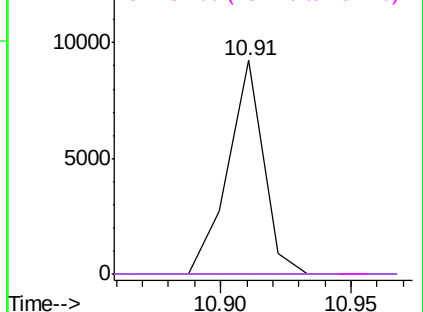
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.4	78.6#
89	0.0	72.4	108.6#
182	0.0	2.0	3.0#

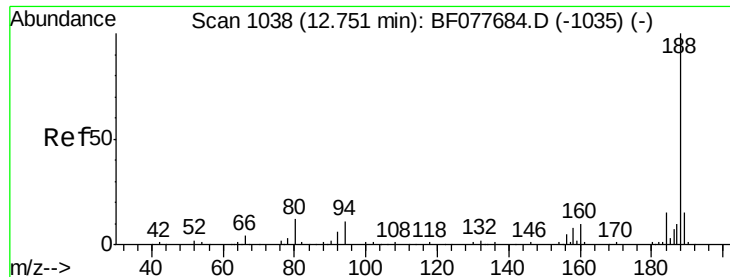
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

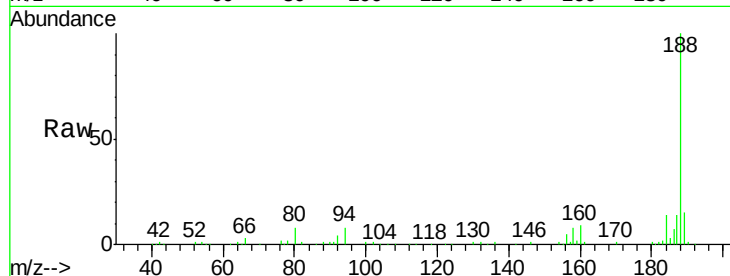




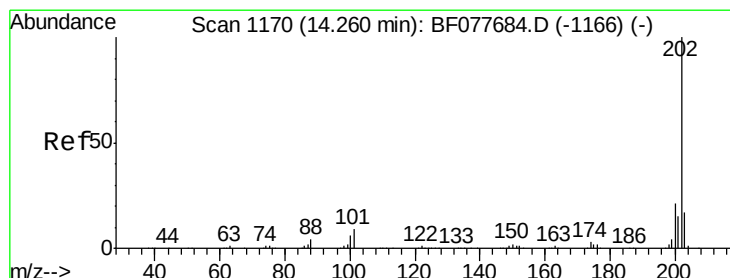
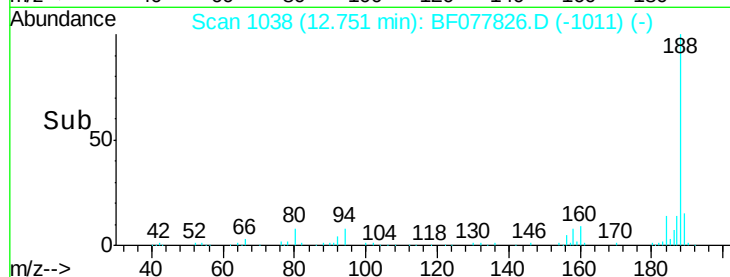
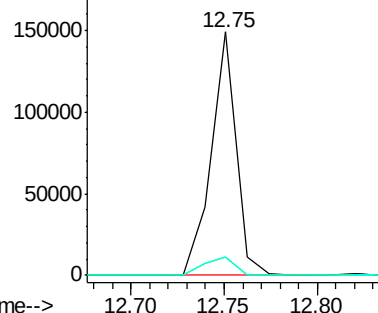
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF077826.D
Acq: 19 Mar 2015 7:35

Instrument :
BNA_F
ClientSampleId :
COMP3B-6B-7B-10(6-15)

Tgt Ion:188 Resp: 139948
Ion Ratio Lower Upper
188 100
94 7.6 8.7 13.1#
80 7.7 9.3 13.9#

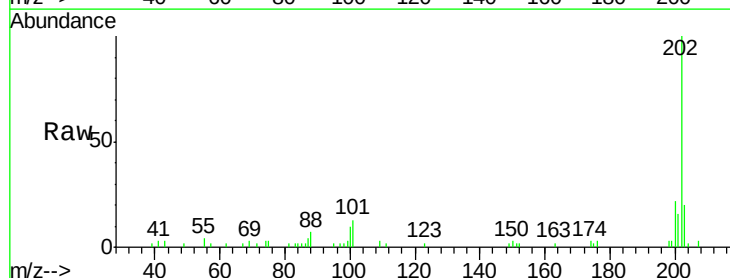


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

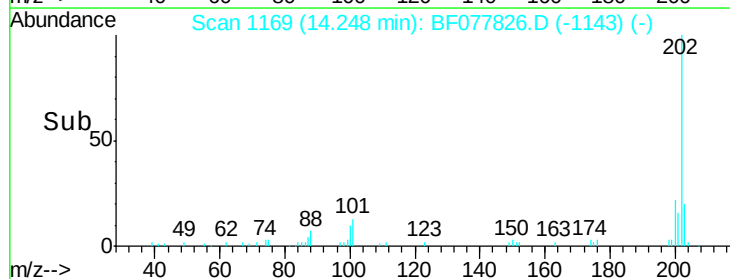
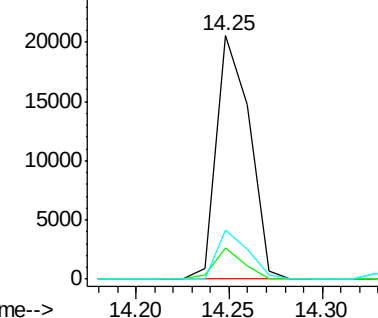


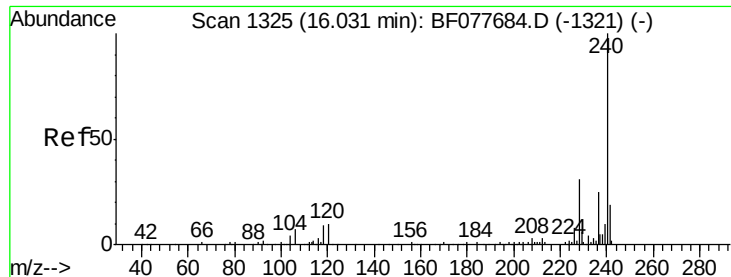
#74
Fluoranthene
Concen: 2.85 ng
RT: 14.25 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF077826.D
Acq: 19 Mar 2015 7:35

Tgt Ion:202 Resp: 25292
Ion Ratio Lower Upper
202 100
101 12.7 0.0 28.7
203 20.4 0.0 37.2



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: 16.03 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF077826.D

Acq: 19 Mar 2015 7:35

Instrument :

BNA_F

ClientSampleId :

COMP3B-6B-7B-10(6-15)

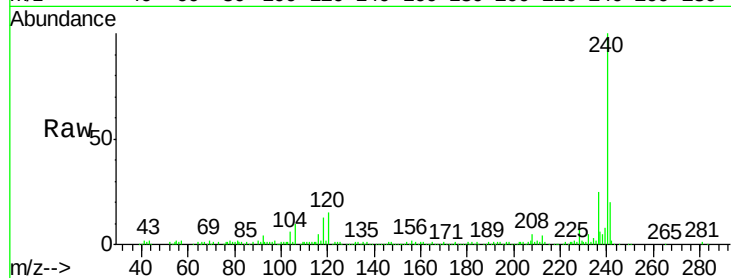
Tgt Ion:240 Resp: 177201

Ion Ratio Lower Upper

240 100

120 15.2 8.2 12.2#

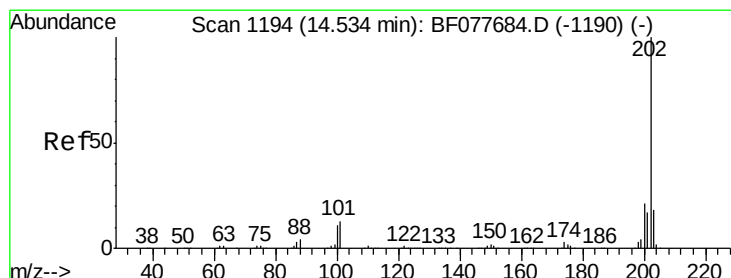
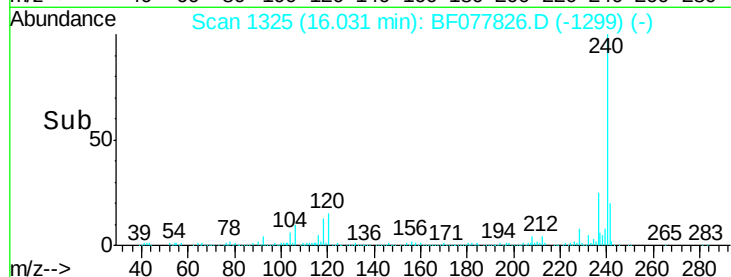
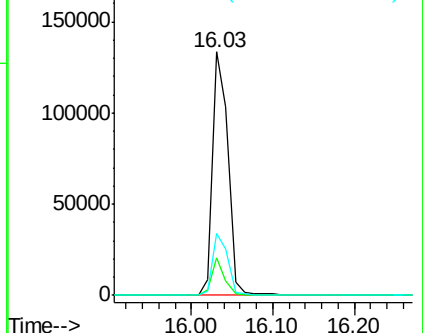
236 25.2 20.0 30.0



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: 2.24 ng

RT: 14.53 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BF077826.D

Acq: 19 Mar 2015 7:35

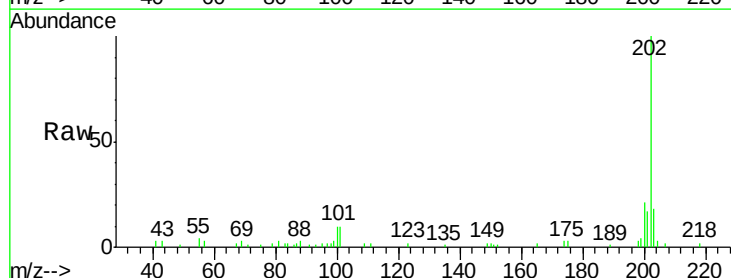
Tgt Ion:202 Resp: 25013

Ion Ratio Lower Upper

202 100

200 20.6 16.9 25.3

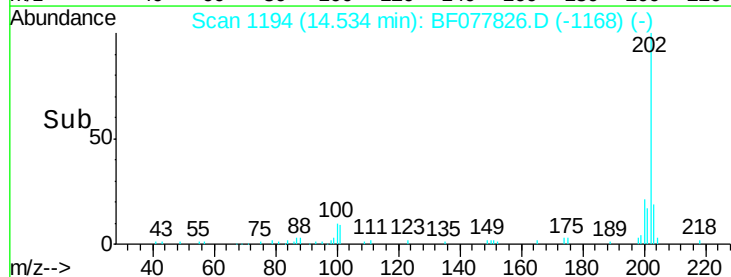
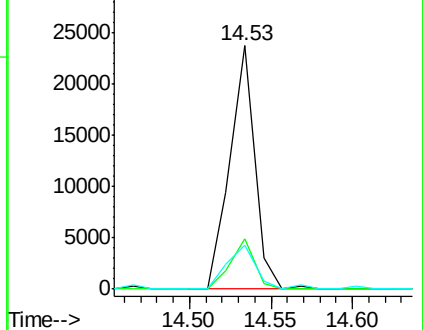
203 18.1 14.1 21.1

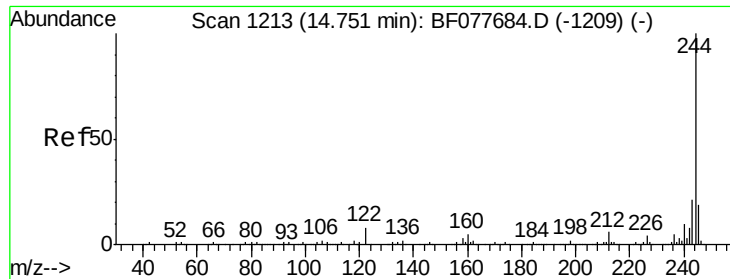


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 26.33 ng

RT: 14.74 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF077826.D

Acq: 19 Mar 2015 7:35

Instrument :

BNA_F

ClientSampleId :

COMP3B-6B-7B-10(6-15)

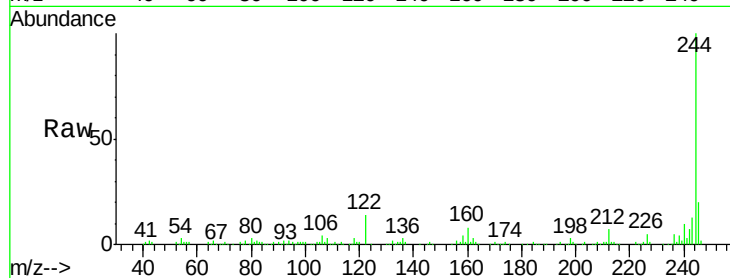
Tgt Ion:244 Resp: 191004

Ion Ratio Lower Upper

244 100

212 7.2 4.9 7.3

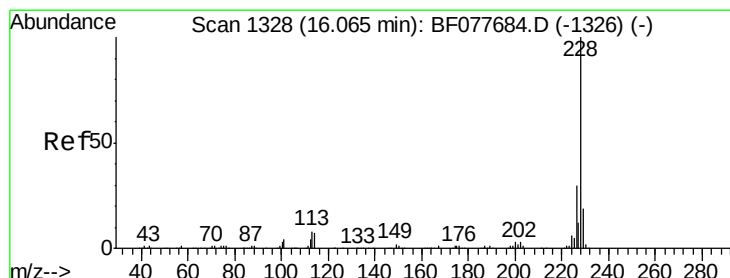
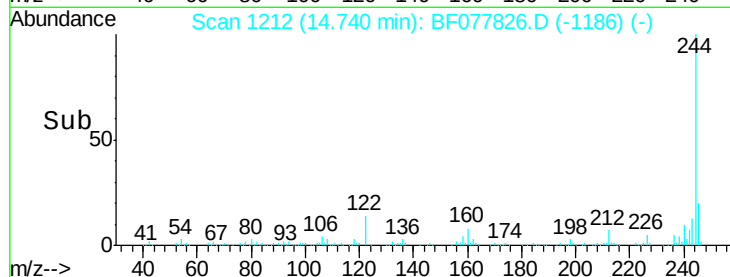
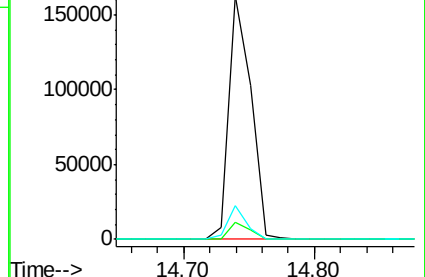
122 14.0 6.2 9.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#82

Chrysene

Concen: 2.12 ng

RT: 16.02 min Scan# 1324

Delta R.T. -0.05 min

Lab File: BF077826.D

Acq: 19 Mar 2015 7:35

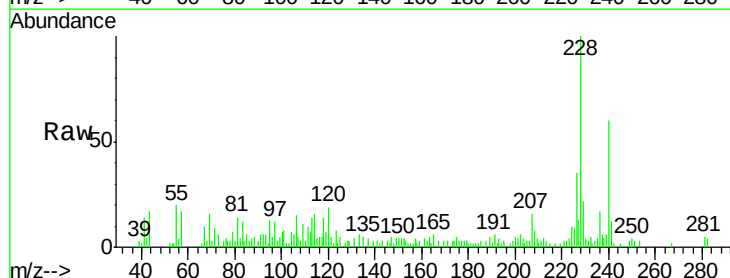
Tgt Ion:228 Resp: 20060

Ion Ratio Lower Upper

228 100

226 35.1 24.1 36.1

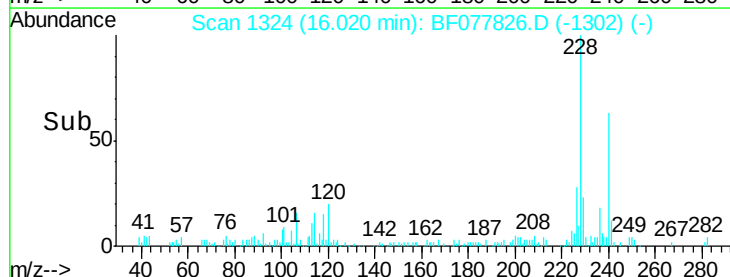
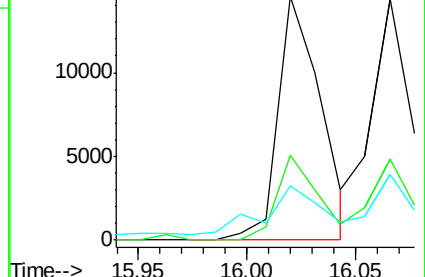
229 22.3 15.5 23.3

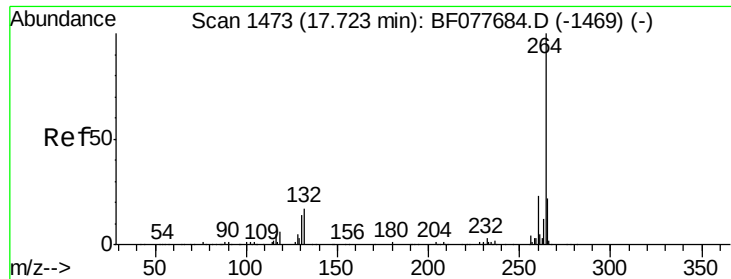


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

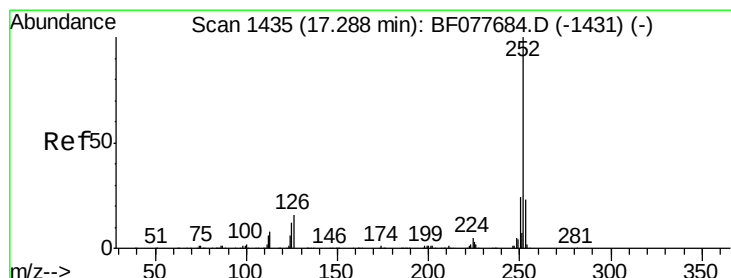
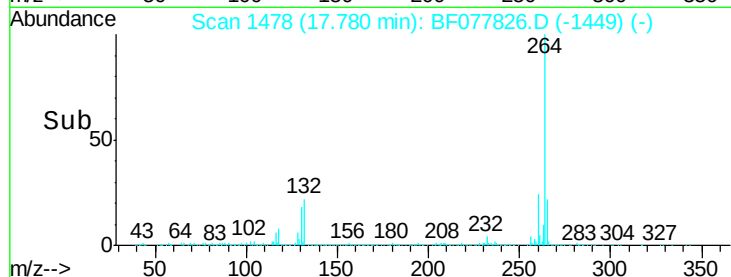
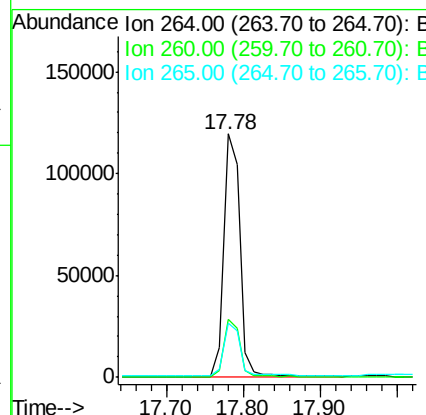
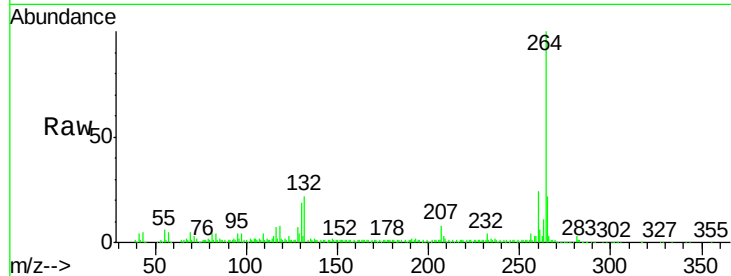




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.78 min Scan# 1478
Delta R.T. 0.03 min
Lab File: BF077826.D
Acq: 19 Mar 2015 7:35

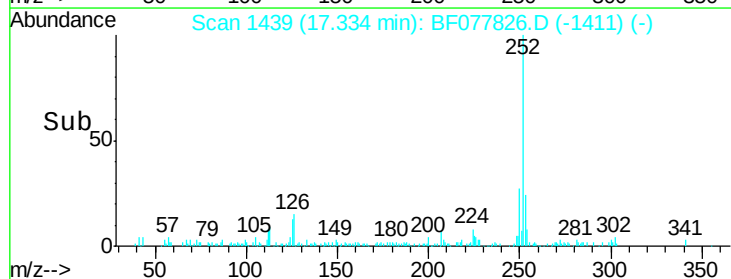
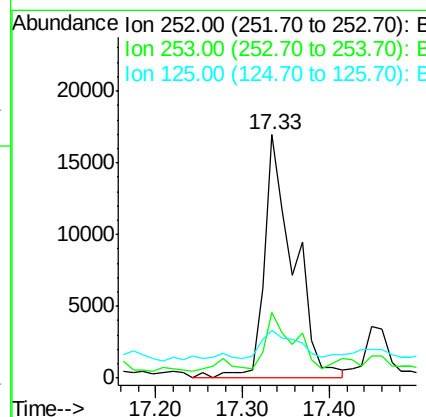
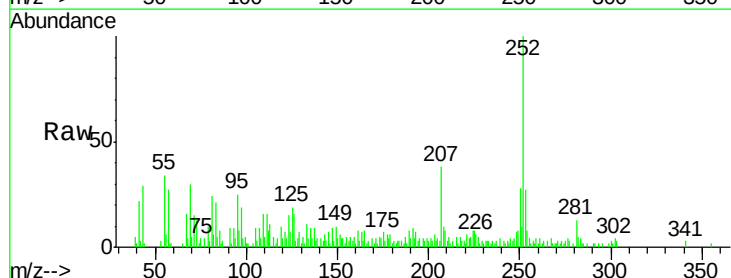
Instrument :
BNA_F
ClientSampleId :
COMP3B-6B-7B-10(6-15)

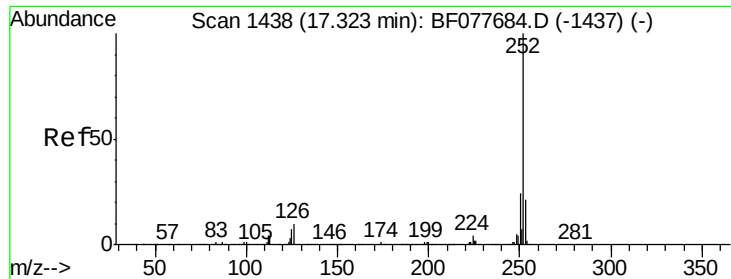
Tgt Ion:264 Resp: 176802
Ion Ratio Lower Upper
264 100
260 24.0 18.6 27.8
265 22.1 17.3 25.9



#87
Benzo(b)fluoranthene
Concen: 3.47 ng
RT: 17.33 min Scan# 1439
Delta R.T. 0.02 min
Lab File: BF077826.D
Acq: 19 Mar 2015 7:35

Tgt Ion:252 Resp: 40086
Ion Ratio Lower Upper
252 100
253 27.0 18.0 27.0#
125 19.5 9.9 14.9#

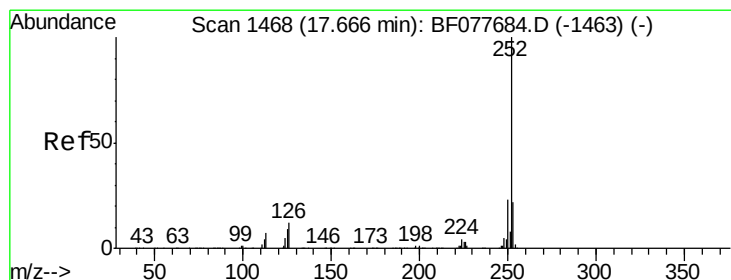
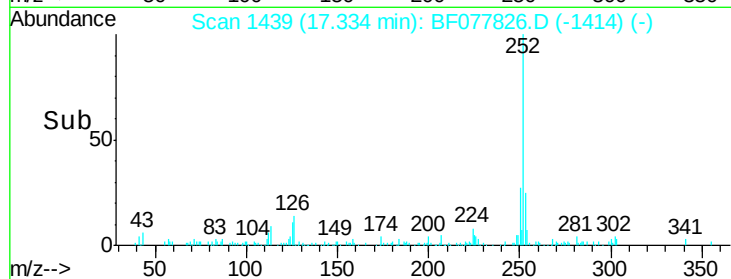
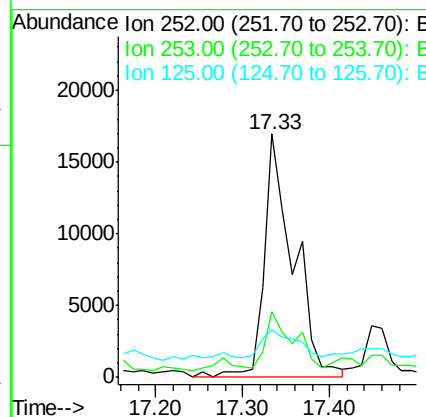
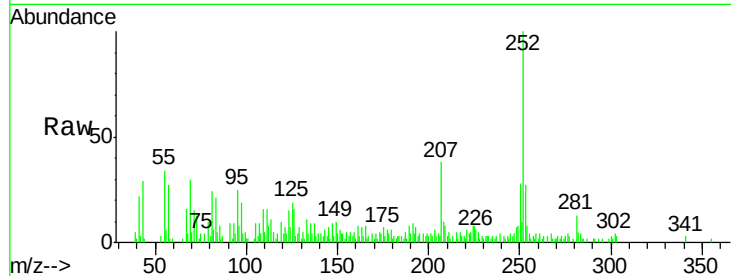




#88
Benzo(k)fluoranthene
Concen: 4.45 ng
RT: 17.33 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF077826.D
Acq: 19 Mar 2015 7:35

Instrument :
BNA_F
ClientSampleId :
COMP3B-6B-7B-10(6-15)

Tgt Ion:252 Resp: 40086
Ion Ratio Lower Upper
252 100
253 27.0 17.2 25.8#
125 19.5 8.1 12.1#



#89
Benzo(a)pyrene
Concen: 2.21 ng
RT: 17.72 min Scan# 1473
Delta R.T. 0.03 min
Lab File: BF077826.D
Acq: 19 Mar 2015 7:35

Tgt Ion:252 Resp: 21260
Ion Ratio Lower Upper
252 100
253 27.4 17.6 26.4#
125 21.3 7.4 11.2#

