

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
 Data File : BF080334.D
 Acq On : 3 Jul 2015 9:57
 Operator : TP/IZ
 Sample : G2873-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALLWEST-2-070115

Quant Time: Jul 03 23:03:10 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 03 22:57:58 2015
 Response via : Initial Calibration

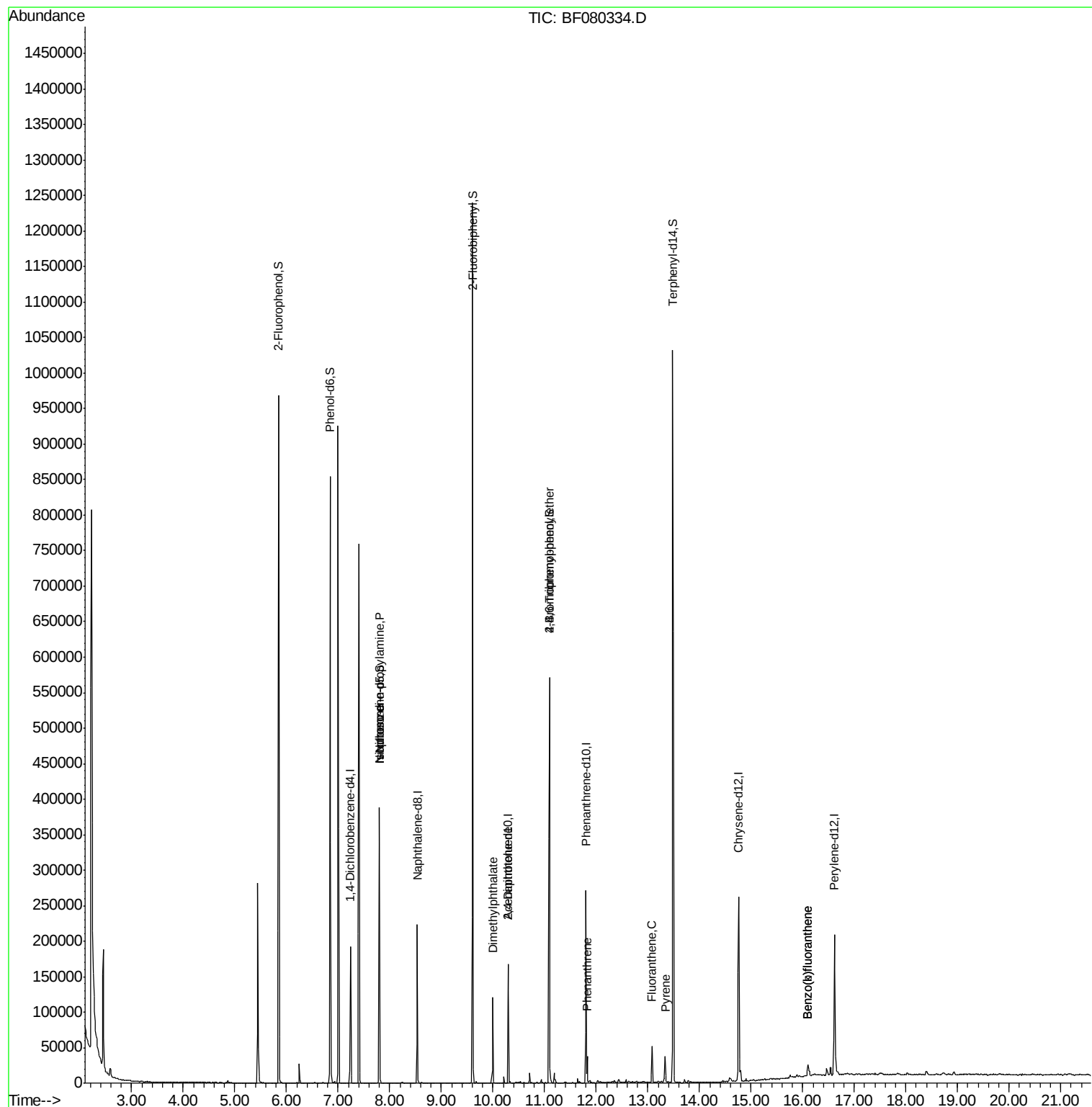
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	27171	20.00	ng	0.00
21) Naphthalene-d8	8.53	136	98643	20.00	ng	0.00
38) Acenaphthene-d10	10.29	164	45246	20.00	ng	-0.01
63) Phenanthrene-d10	11.80	188	102541	20.00	ng	0.00
75) Chrysene-d12	14.76	240	117812	20.00	ng	0.05
86) Perylene-d12	16.61	264	120160	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	251927	160.56	ng	0.00
7) Phenol-d6	6.84	99	307741	146.11	ng	0.00
23) Nitrobenzene-d5	7.80	82	173534	96.86	ng	0.00
41) 2,4,6-Tribromophenol	11.09	330	81326	188.77	ng	0.00
44) 2-Fluorobiphenyl	9.61	172	366035	116.44	ng	0.00
78) Terphenyl-d14	13.48	244	426243	84.75	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.80	70	21664	15.47	ng	# 75
25) Isophorone	7.80	82	173260	49.76	ng	# 65
49) Dimethylphthalate	10.00	163	48608	14.06	ng	100
56) 2,4-Dinitrotoluene	10.29	165	5772	6.30	ng	# 19
66) 4-Bromophenyl-phenylether	11.09	248	5538	5.00	ng	# 1
70) Phenanthrene	11.82	178	15194	2.47	ng	98
74) Fluoranthene	13.08	202	21869	3.45	ng	98
77) Pyrene	13.33	202	17268	2.29	ng	99
87) Benzo(b)fluoranthene	16.10	252	15844	2.09	ng	94
88) Benzo(k)fluoranthene	16.10	252	15844	2.22	ng	94

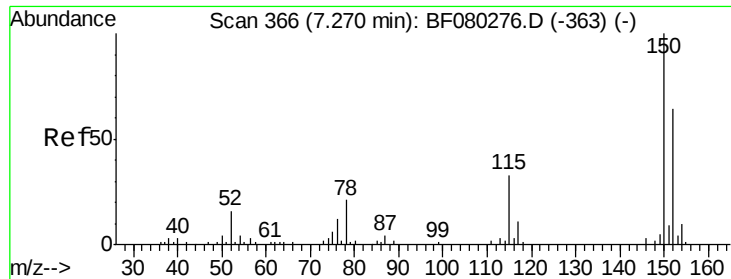
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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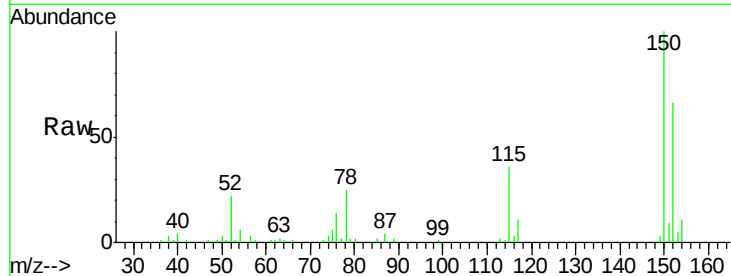




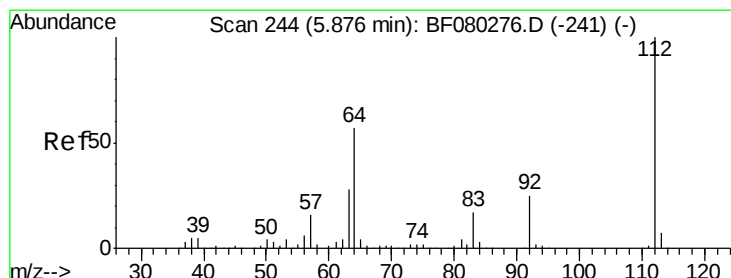
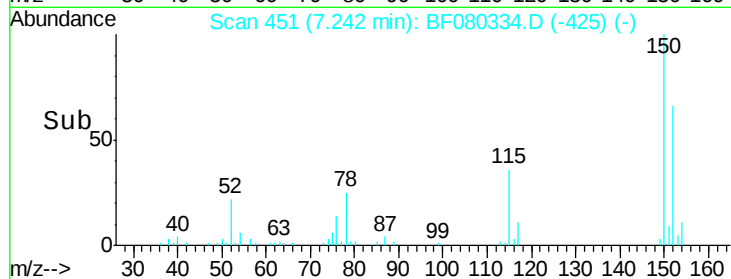
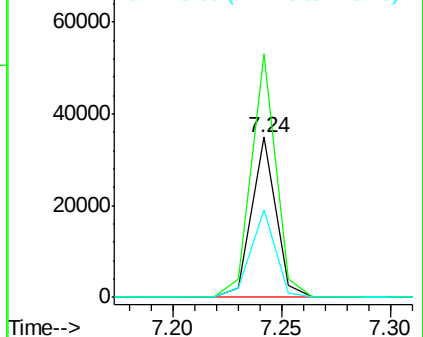
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.24 min Scan# 451
 Delta R.T. 0.00 min
 Lab File: BF080334.D
 Acq: 3 Jul 2015 9:57

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALLWEST-2-070115

Tgt Ion:152 Resp: 27171
 Ion Ratio Lower Upper
 152 100
 150 152.0 124.7 187.1
 115 54.5 41.0 61.6

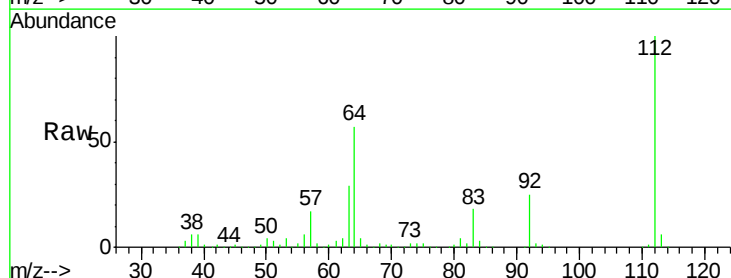


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

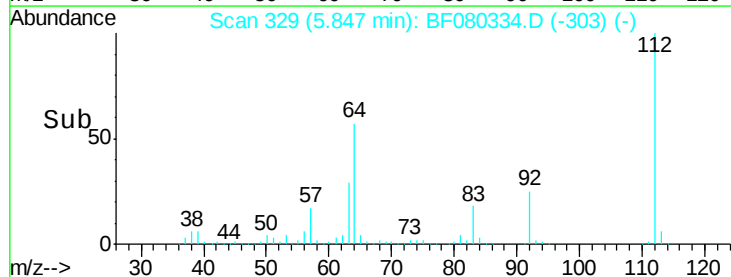
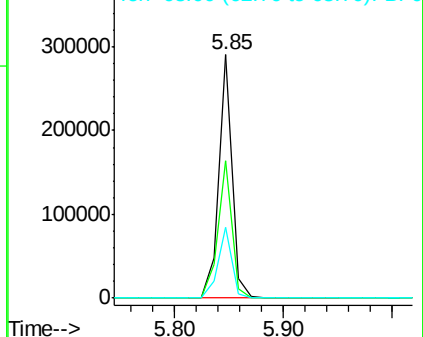


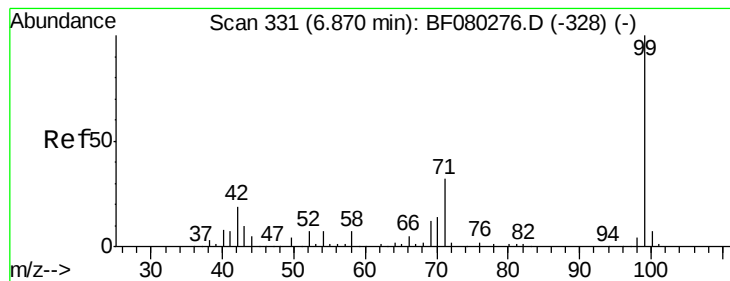
#5
 2-Fluorophenol
 Concen: 160.56 ng
 RT: 5.85 min Scan# 329
 Delta R.T. 0.00 min
 Lab File: BF080334.D
 Acq: 3 Jul 2015 9:57

Tgt Ion:112 Resp: 251927
 Ion Ratio Lower Upper
 112 100
 64 56.6 45.5 68.3
 63 29.1 22.4 33.6



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: 146.11 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF080334.D

Acq: 3 Jul 2015 9:57

Instrument :

BNA_F

ClientSampleId :

SIDEWALLWEST-2-070115

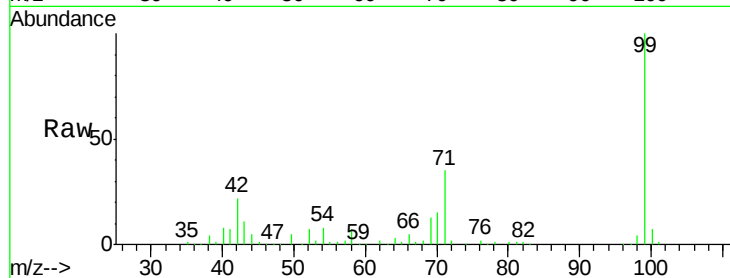
Tgt Ion: 99 Resp: 307741

Ion Ratio Lower Upper

99 100

42 22.0 15.4 23.2

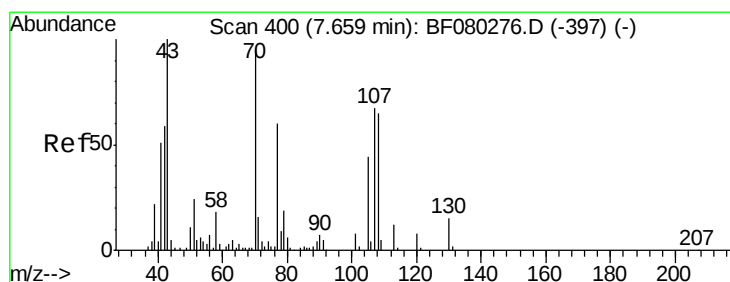
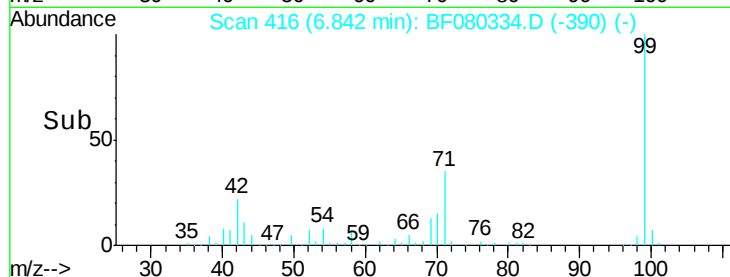
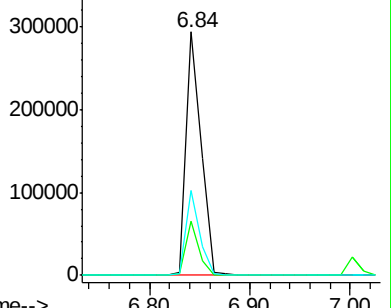
71 35.0 25.8 38.8



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.47 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.17 min

Lab File: BF080334.D

Acq: 3 Jul 2015 9:57

Tgt Ion: 70 Resp: 21664

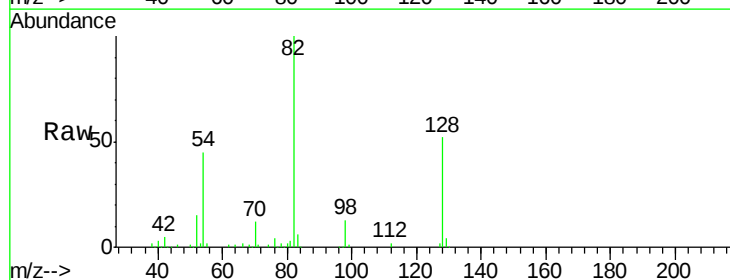
Ion Ratio Lower Upper

70 100

42 44.2 49.8 74.8#

101 0.0 6.8 10.2#

130 2.5 13.0 19.4#

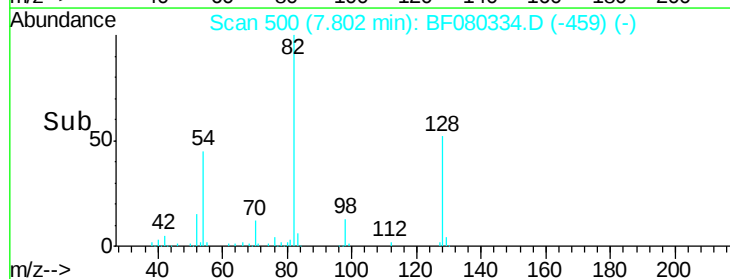
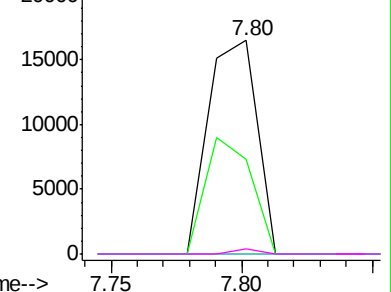


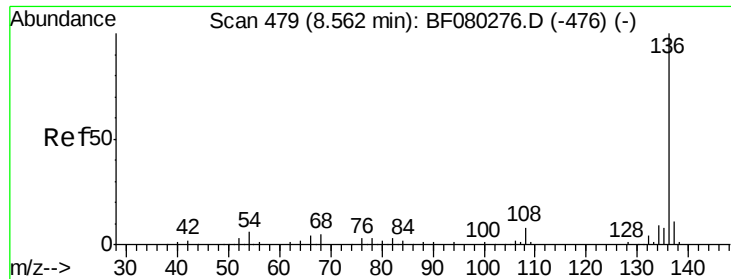
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

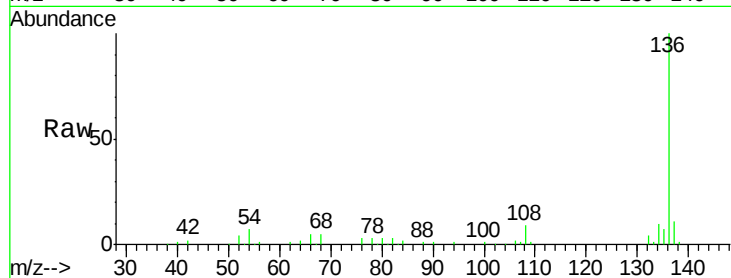




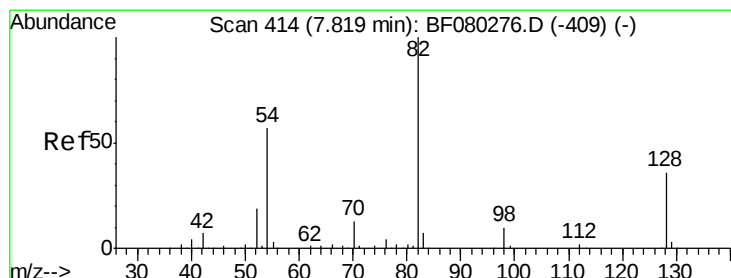
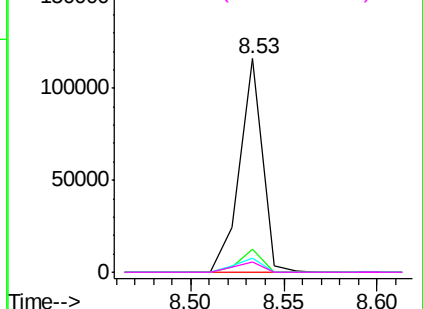
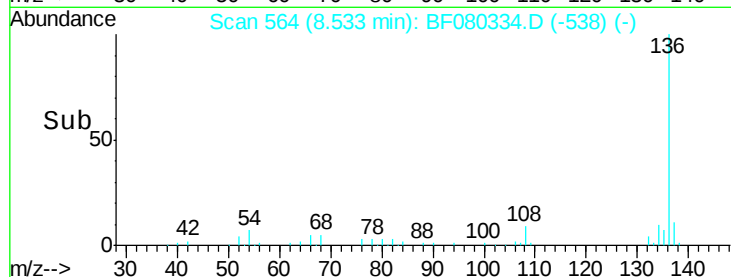
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.53 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF080334.D
Acq: 3 Jul 2015 9:57

Instrument :
BNA_F
ClientSampleId :
SIDEWALLWEST-2-070115

Tgt Ion: 136 Resp: 98643
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 6.6 4.9 7.3
68 5.0 4.0 6.0

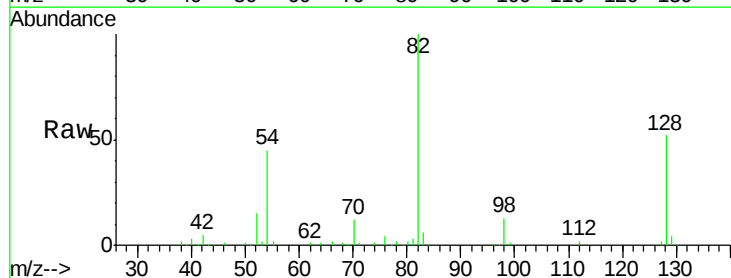


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

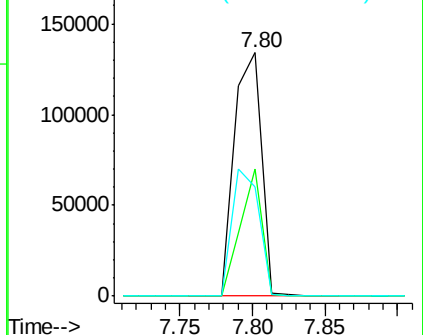
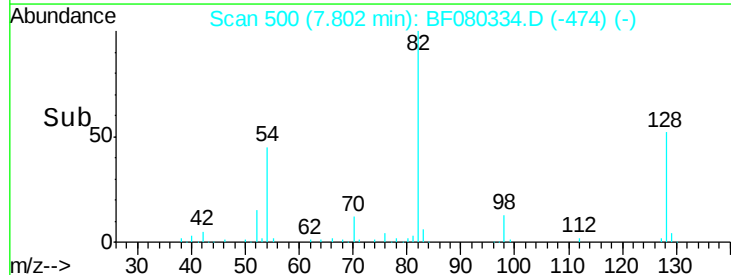


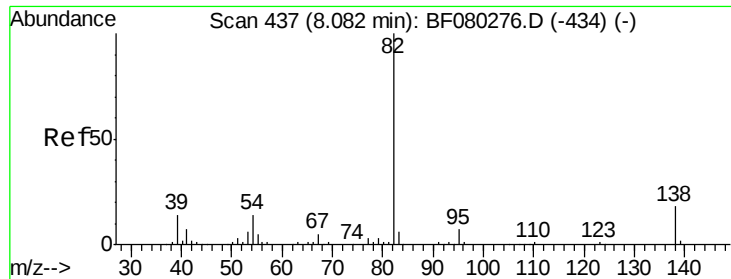
#23
Nitrobenzene-d5
Concen: 96.86 ng
RT: 7.80 min Scan# 500
Delta R.T. 0.00 min
Lab File: BF080334.D
Acq: 3 Jul 2015 9:57

Tgt Ion: 82 Resp: 173534
Ion Ratio Lower Upper
82 100
128 52.5 29.0 43.4#
54 45.0 45.3 67.9#



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





#25

Isophorone

Concen: 49.76 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.25 min

Lab File: BF080334.D

Acq: 3 Jul 2015 9:57

Instrument :

BNA_F

ClientSampleId :

SIDEWALLWEST-2-070115

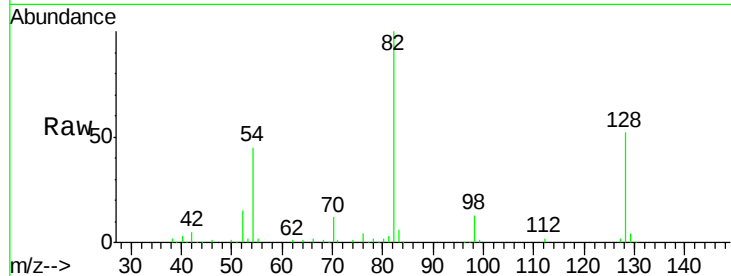
Tgt Ion: 82 Resp: 173260

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

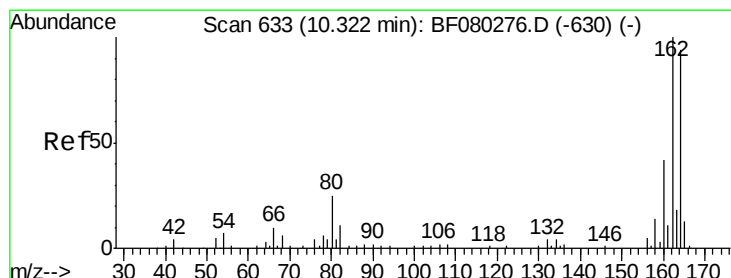
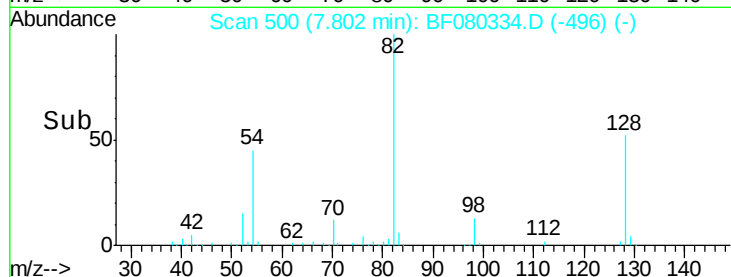
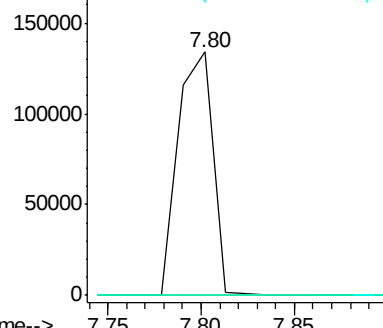
138 0.0 14.4 21.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF080334.D

Acq: 3 Jul 2015 9:57

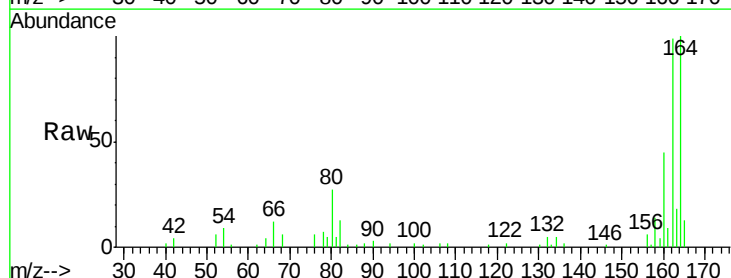
Tgt Ion: 164 Resp: 45246

Ion Ratio Lower Upper

164 100

162 99.3 84.8 127.2

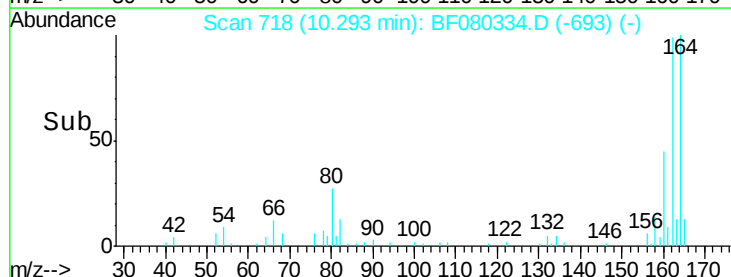
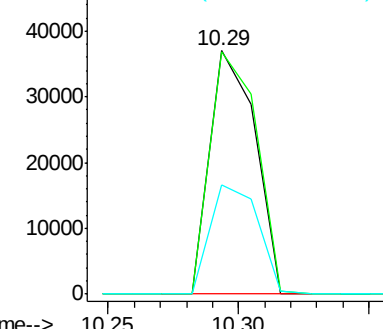
160 45.1 35.8 53.8

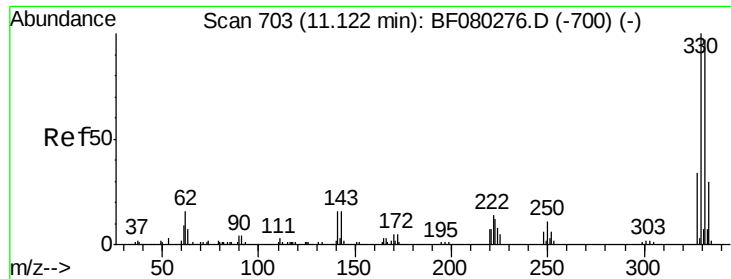


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

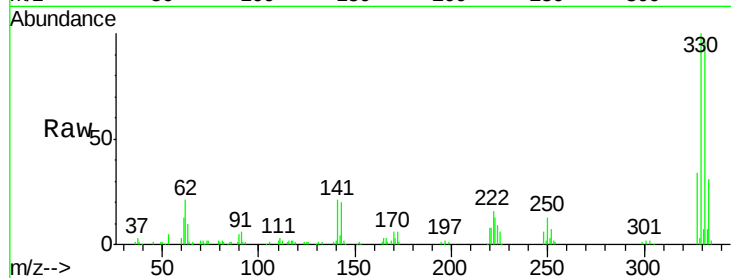




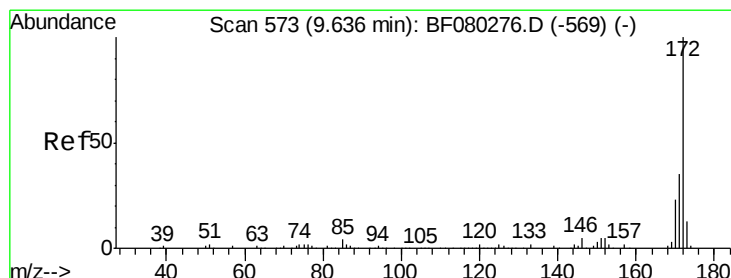
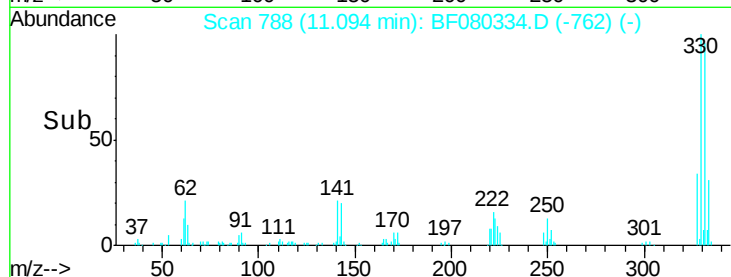
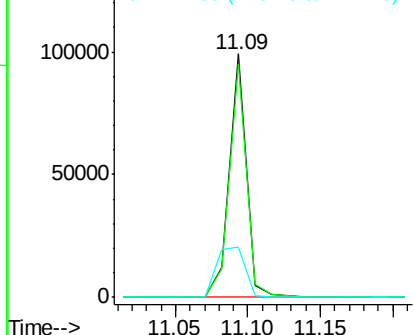
#41
 2,4,6-Tribromophenol
 Concen: 188.77 ng
 RT: 11.09 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF080334.D
 Acq: 3 Jul 2015 9:57

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALLWEST-2-070115

Tgt Ion:330 Resp: 81326
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.2
 141 34.7 28.0 42.0

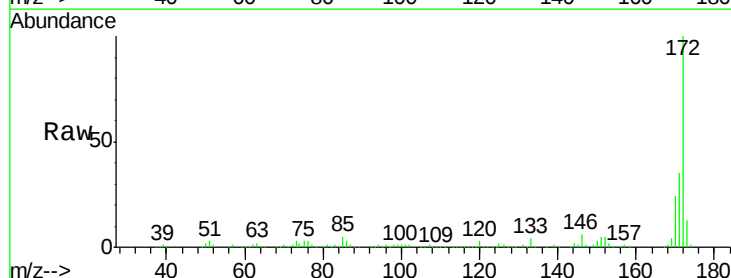


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

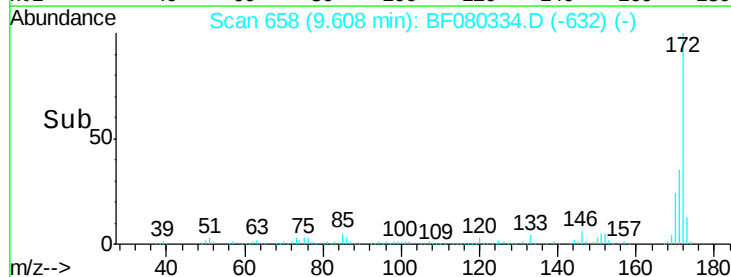
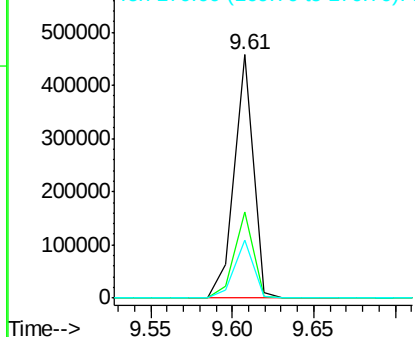


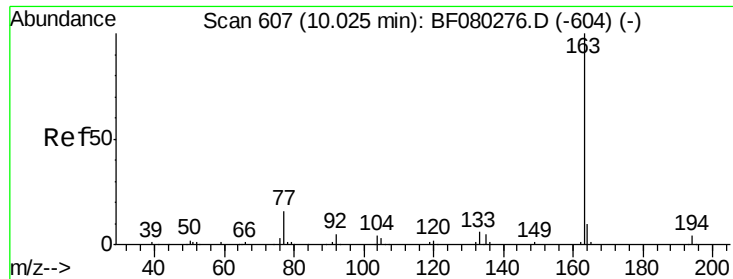
#44
 2-Fluorobiphenyl
 Concen: 116.44 ng
 RT: 9.61 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF080334.D
 Acq: 3 Jul 2015 9:57

Tgt Ion:172 Resp: 366035
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.1 42.1
 170 24.0 18.6 28.0



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

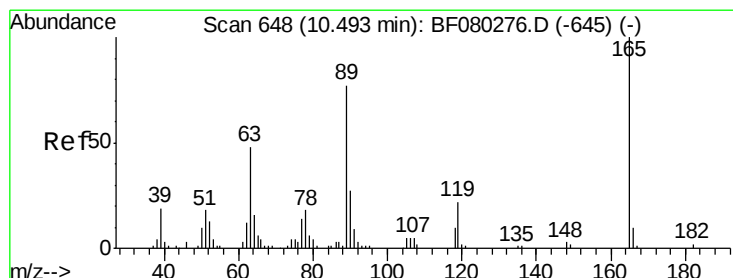
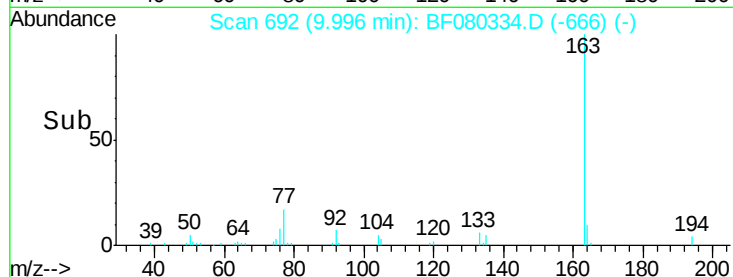
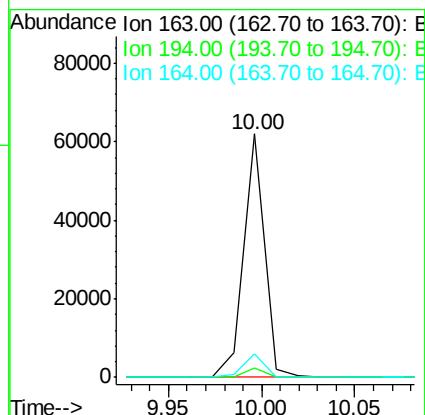
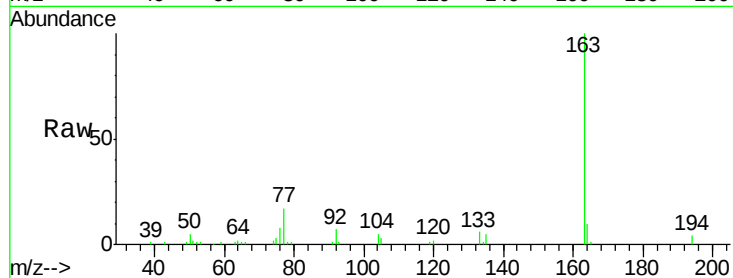




#49
Dimethylphthalate
Concen: 14.06 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF080334.D
Acq: 3 Jul 2015 9:57

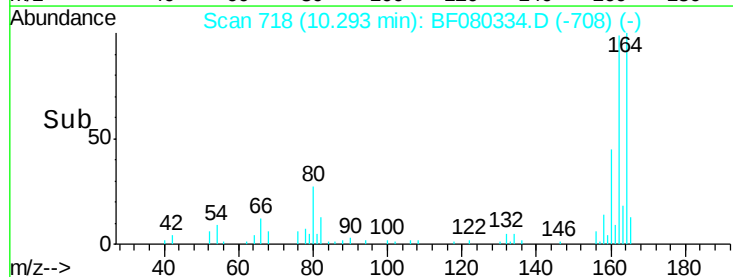
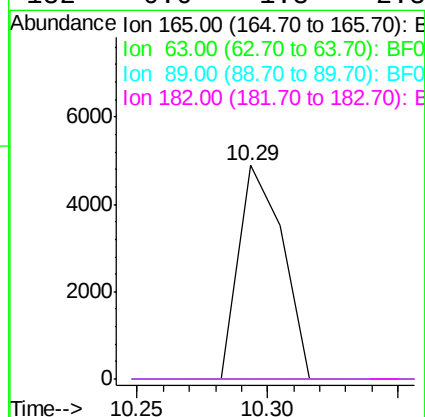
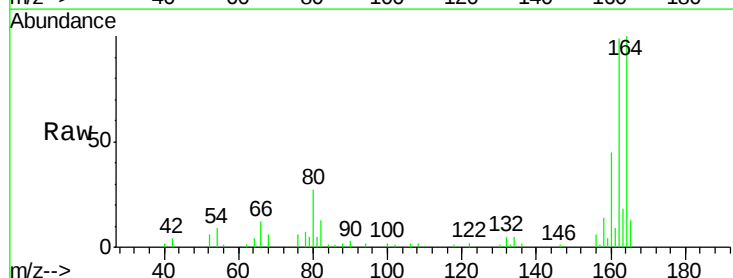
Instrument :
BNA_F
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SIDEWALLWEST-2-070115

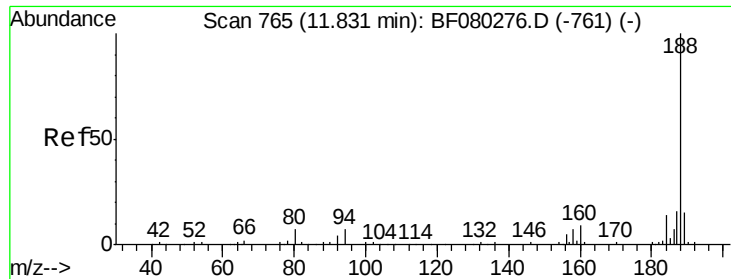
Tgt Ion:163 Resp: 48608
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 9.8 7.9 11.9



#56
2,4-Dinitrotoluene
Concen: 6.30 ng
RT: 10.29 min Scan# 718
Delta R.T. -0.18 min
Lab File: BF080334.D
Acq: 3 Jul 2015 9:57

Tgt Ion:165 Resp: 5772
Ion Ratio Lower Upper
165 100
63 0.0 38.7 58.1#
89 0.0 62.0 93.0#
182 0.0 1.8 2.8#

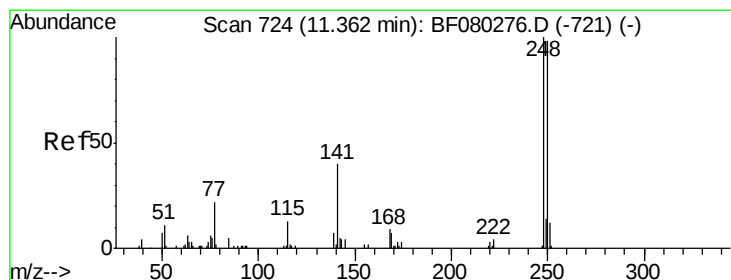
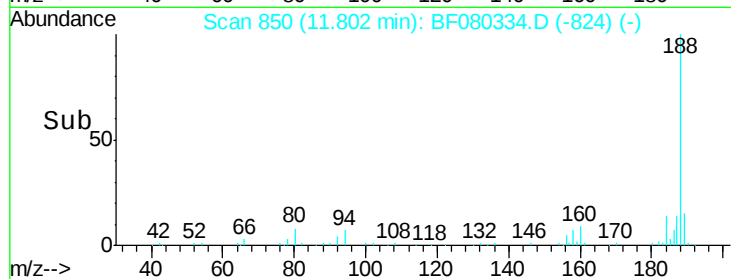
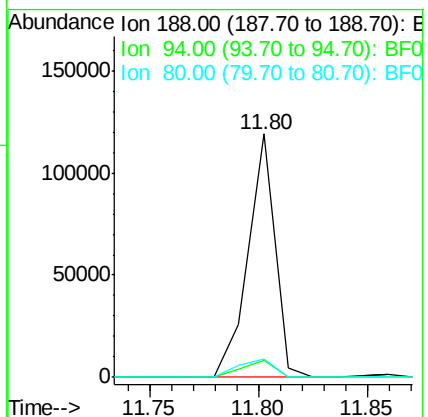
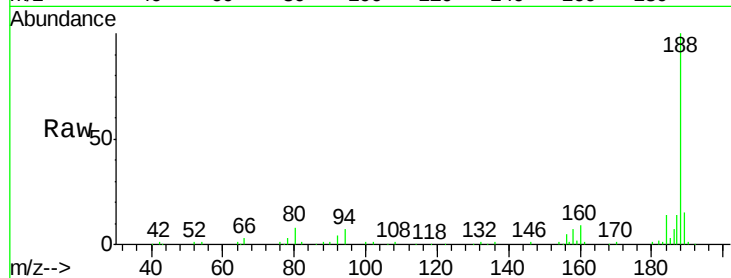




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.80 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF080334.D
Acq: 3 Jul 2015 9:57

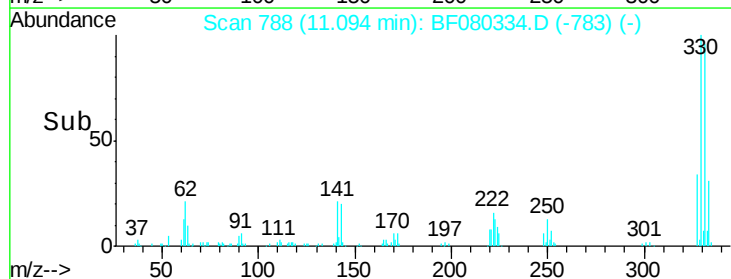
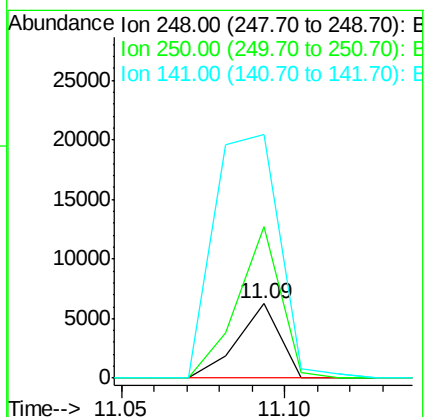
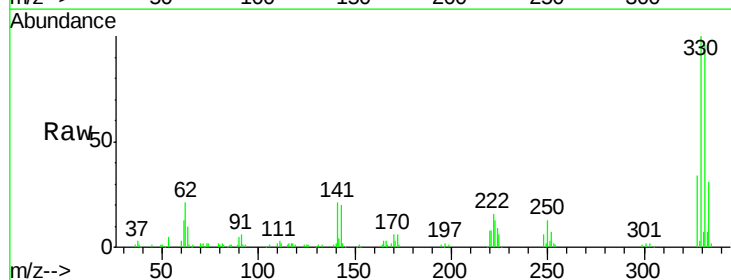
Instrument :
BNA_F
ClientSampleId :
SIDEWALLWEST-2-070115

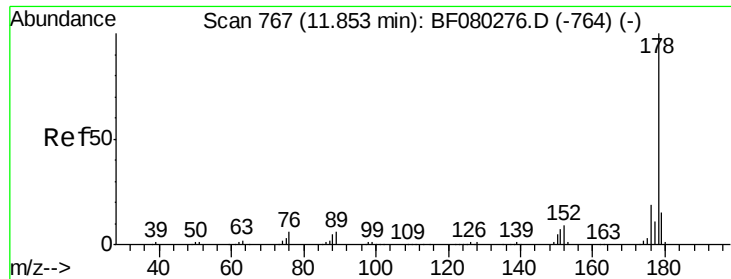
Tgt Ion:188 Resp: 102541
Ion Ratio Lower Upper
188 100
94 7.2 5.4 8.0
80 7.7 5.8 8.6



#66
4-Bromophenyl-phenylether
Concen: 5.00 ng
RT: 11.09 min Scan# 788
Delta R.T. -0.24 min
Lab File: BF080334.D
Acq: 3 Jul 2015 9:57

Tgt Ion:248 Resp: 5538
Ion Ratio Lower Upper
248 100
250 204.3 78.2 117.4#
141 328.2 31.9 47.9#

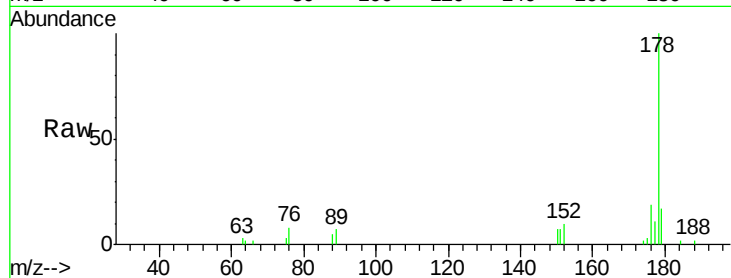




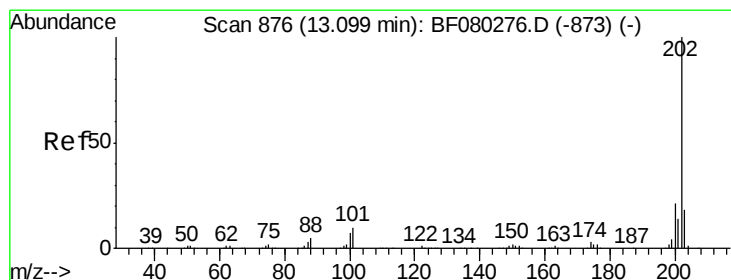
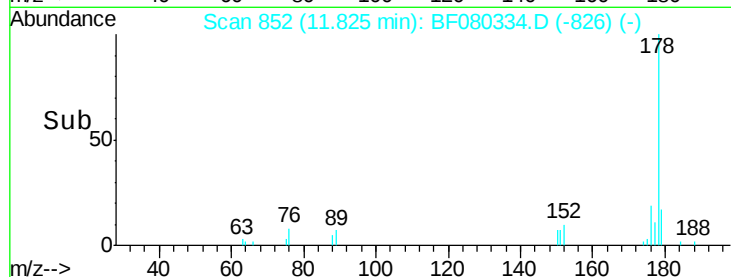
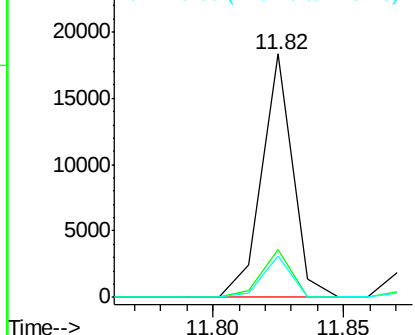
#70
Phenanthrene
Concen: 2.47 ng
RT: 11.82 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF080334.D
Acq: 3 Jul 2015 9:57

Instrument :
BNA_F
ClientSampleId :
SIDEWALLWEST-2-070115

Tgt Ion:178 Resp: 15194
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 16.8 12.2 18.2

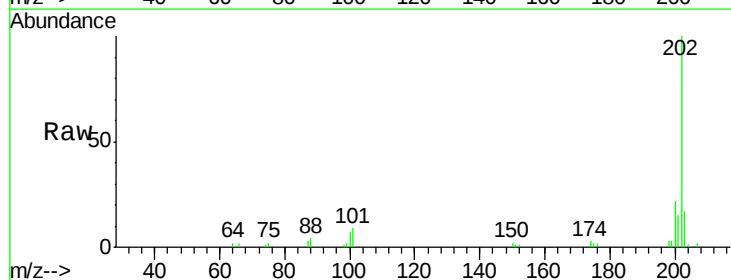


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

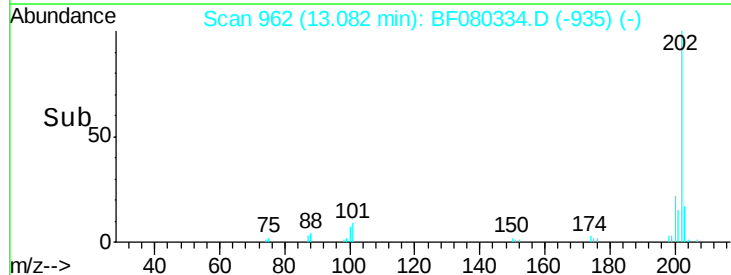
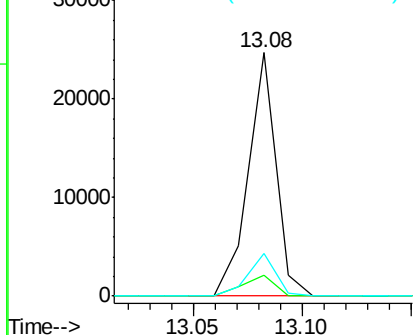


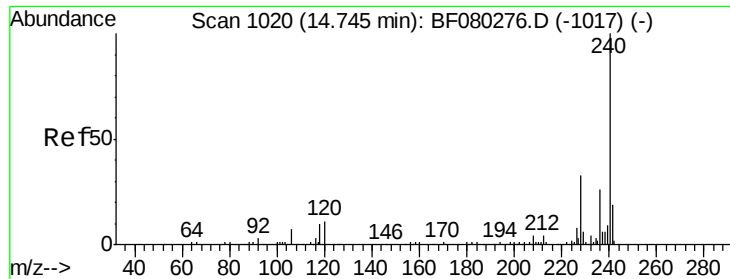
#74
Fluoranthene
Concen: 3.45 ng
RT: 13.08 min Scan# 962
Delta R.T. 0.01 min
Lab File: BF080334.D
Acq: 3 Jul 2015 9:57

Tgt Ion:202 Resp: 21869
Ion Ratio Lower Upper
202 100
101 8.5 0.0 30.4
203 17.4 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.76 min Scan# 1109

Delta R.T. 0.05 min

Lab File: BF080334.D

Acq: 3 Jul 2015 9:57

Instrument :

BNA_F

ClientSampleId :

SIDEWALLWEST-2-070115

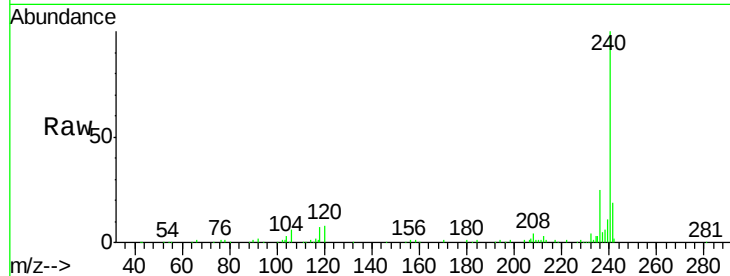
Tgt Ion:240 Resp: 117812

Ion Ratio Lower Upper

240 100

120 7.7 8.7 13.1#

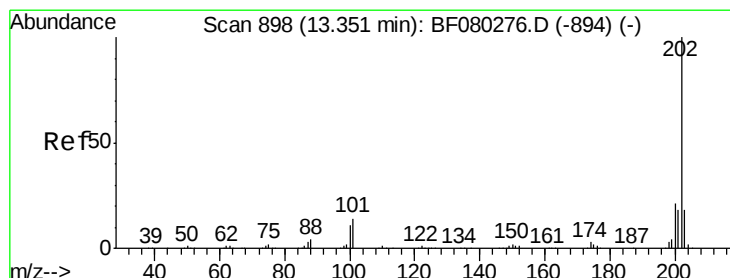
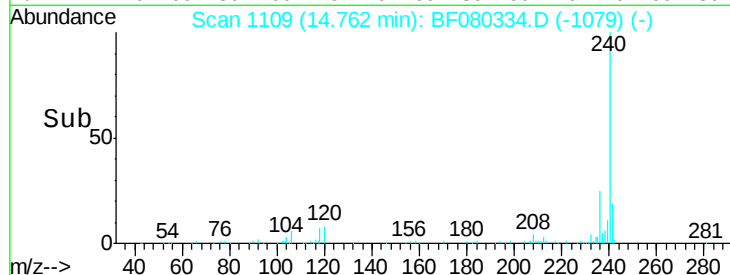
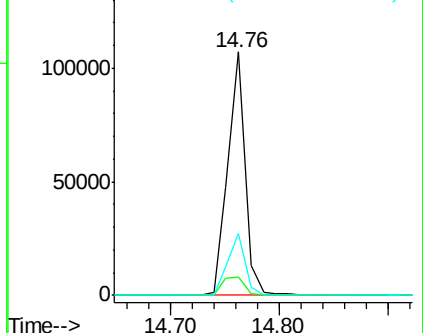
236 25.2 20.9 31.3



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: 2.29 ng

RT: 13.33 min Scan# 984

Delta R.T. 0.01 min

Lab File: BF080334.D

Acq: 3 Jul 2015 9:57

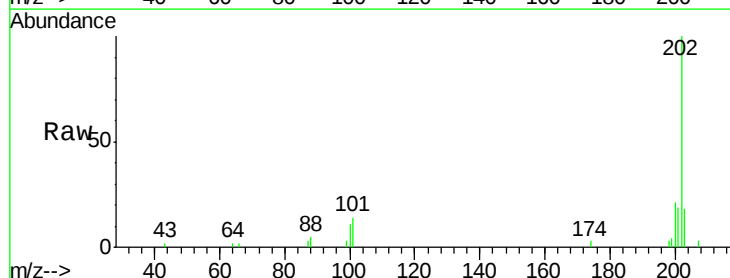
Tgt Ion:202 Resp: 17268

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.6

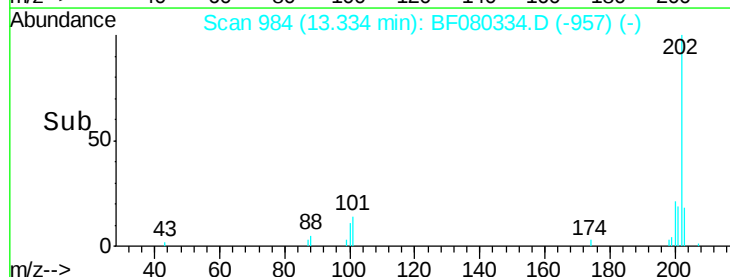
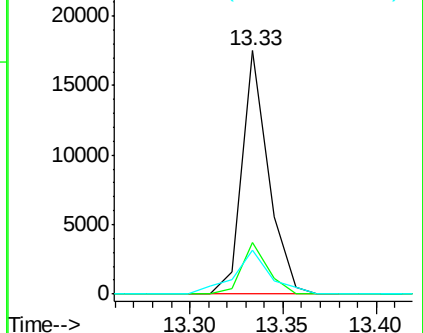
203 18.0 14.0 21.0

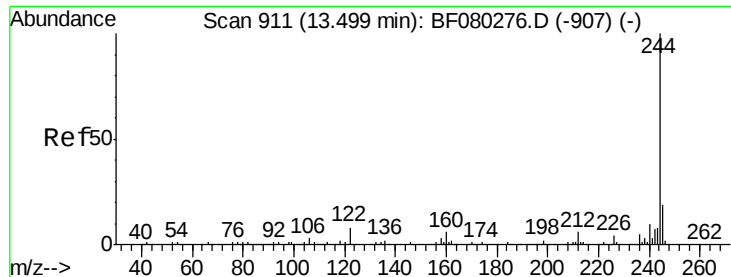


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

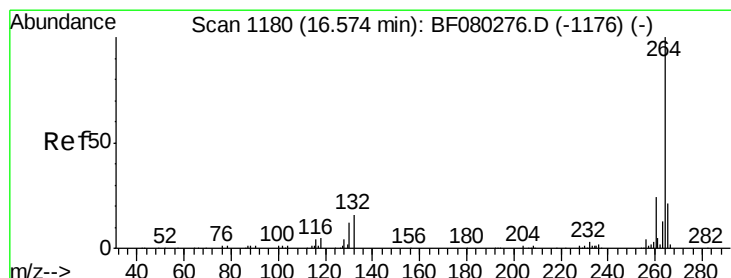
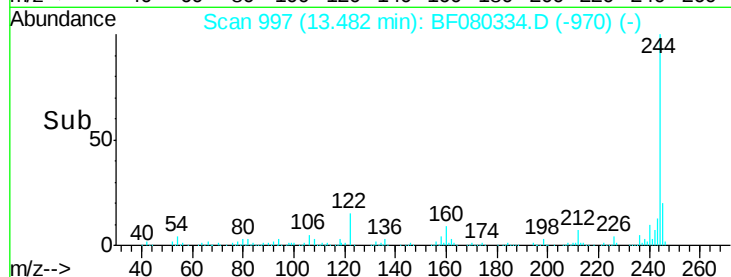
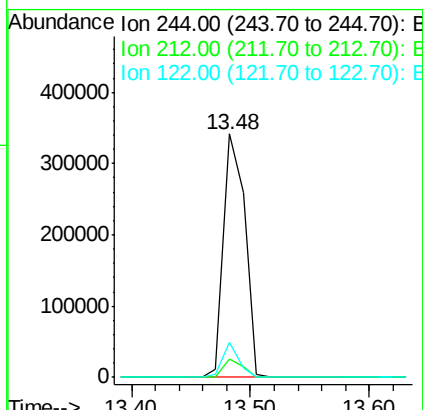
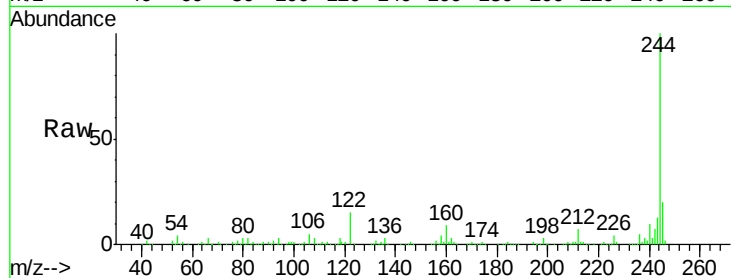




#78
 Terphenyl-d14
 Concen: 84.75 ng
 RT: 13.48 min Scan# 997
 Delta R.T. 0.01 min
 Lab File: BF080334.D
 Acq: 3 Jul 2015 9:57

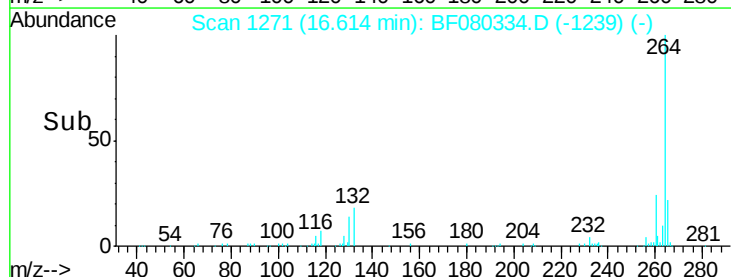
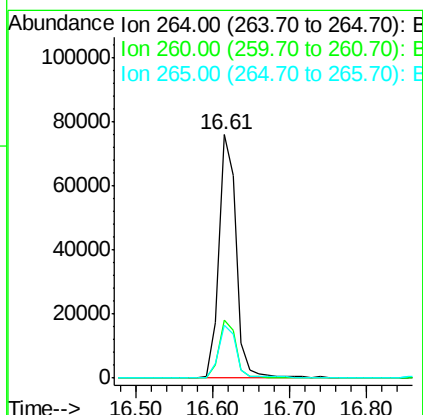
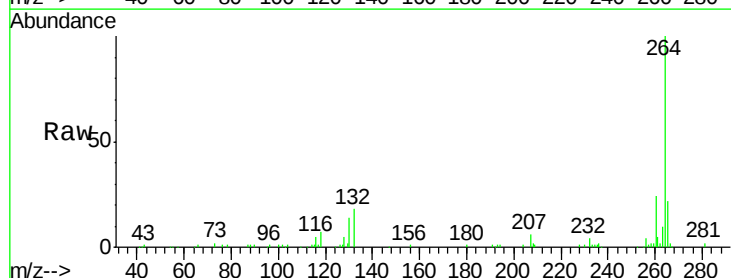
Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALLWEST-2-070115

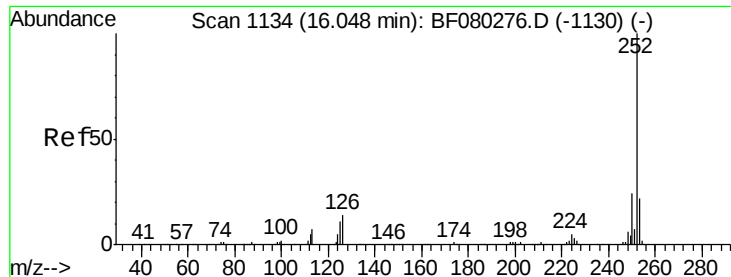
Tgt Ion:244 Resp: 426243
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.0 7.6
 122 14.6 6.6 9.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.61 min Scan# 1271
 Delta R.T. 0.07 min
 Lab File: BF080334.D
 Acq: 3 Jul 2015 9:57

Tgt Ion:264 Resp: 120160
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.9 16.9 25.3

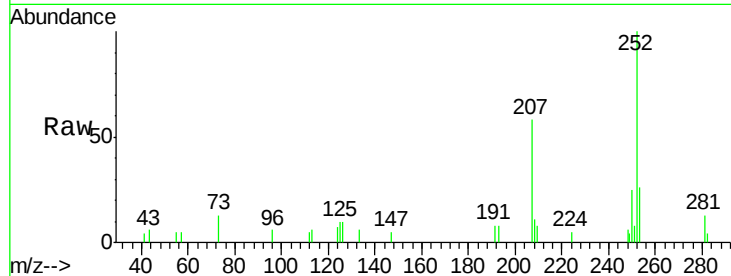




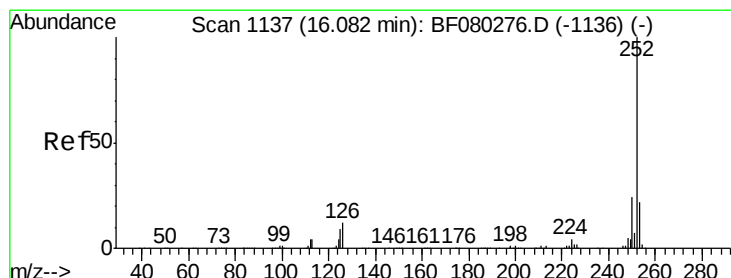
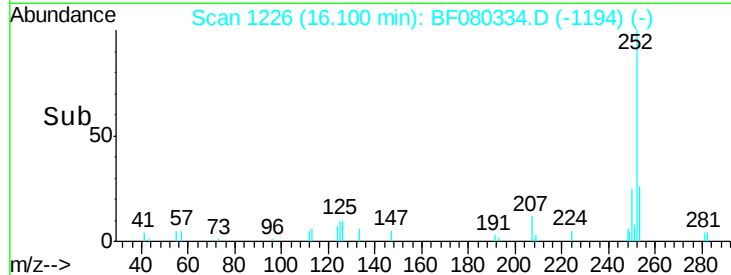
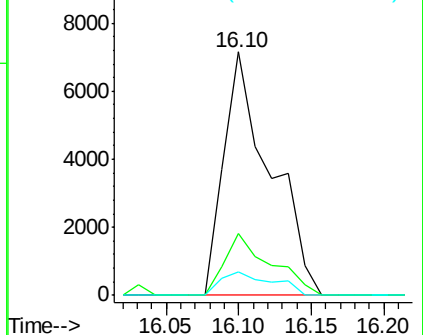
#87
Benzo(b)fluoranthene
Concen: 2.09 ng
RT: 16.10 min Scan# 1226
Delta R.T. 0.07 min
Lab File: BF080334.D
Acq: 3 Jul 2015 9:57

Instrument :
BNA_F
ClientSampleId :
SIDEWALLWEST-2-070115

Tgt Ion:252 Resp: 15844
Ion Ratio Lower Upper
252 100
253 25.5 17.6 26.4
125 9.5 8.6 12.8

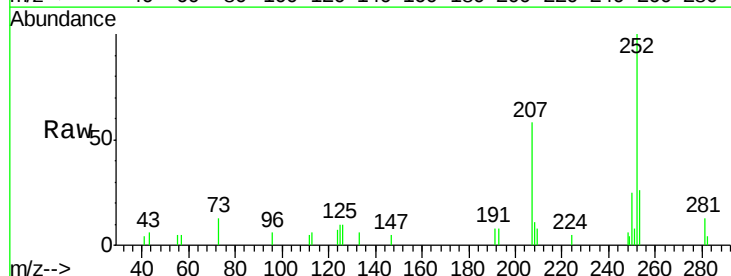


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88
Benzo(k)fluoranthene
Concen: 2.22 ng
RT: 16.10 min Scan# 1226
Delta R.T. 0.03 min
Lab File: BF080334.D
Acq: 3 Jul 2015 9:57

Tgt Ion:252 Resp: 15844
Ion Ratio Lower Upper
252 100
253 25.5 17.4 26.2
125 9.5 8.4 12.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

