

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
 Data File : BF080135.D
 Acq On : 24 Jun 2015 16:41
 Operator : TP/IZ
 Sample : G2749-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-H5-H6-H7-H8

Quant Time: Jun 25 00:59:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 25 00:52:28 2015
 Response via : Initial Calibration

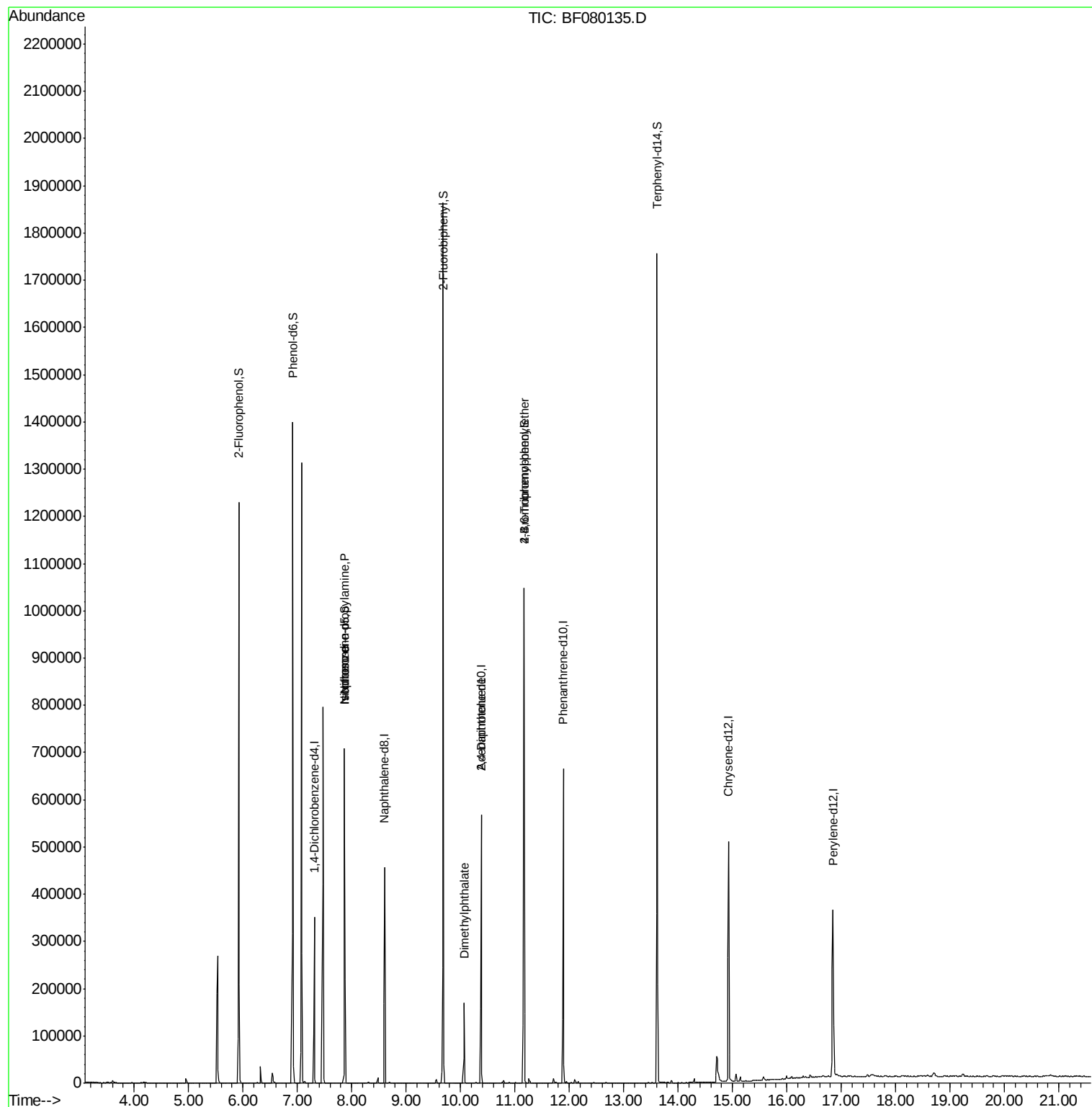
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	55652	20.00	ng	0.00
21) Naphthalene-d8	8.61	136	218123	20.00	ng	0.00
38) Acenaphthene-d10	10.38	164	114368	20.00	ng	0.00
63) Phenanthrene-d10	11.89	188	239062	20.00	ng	0.00
75) Chrysene-d12	14.93	240	233294	20.00	ng	0.00
86) Perylene-d12	16.85	264	207134	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.92	112	299044	95.12	ng	0.00
7) Phenol-d6	6.92	99	444908	106.35	ng	0.00
23) Nitrobenzene-d5	7.86	82	224309	59.87	ng	-0.01
41) 2,4,6-Tribromophenol	11.17	330	105435	94.28	ng	0.00
44) 2-Fluorobiphenyl	9.68	172	513518	64.03	ng	0.00
78) Terphenyl-d14	13.61	244	572964	57.36	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.86	70	28860	9.94	ng	# 63
25) Isophorone	7.86	82	220044	29.18	ng	# 58
49) Dimethylphthalate	10.07	163	75977	8.84	ng	# 97
56) 2,4-Dinitrotoluene	10.38	165	14060	6.43	ng	# 31
66) 4-Bromophenyl-phenylether	11.17	248	8025	3.16	ng	# 1

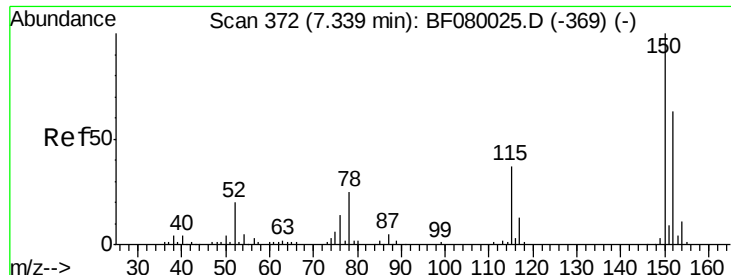
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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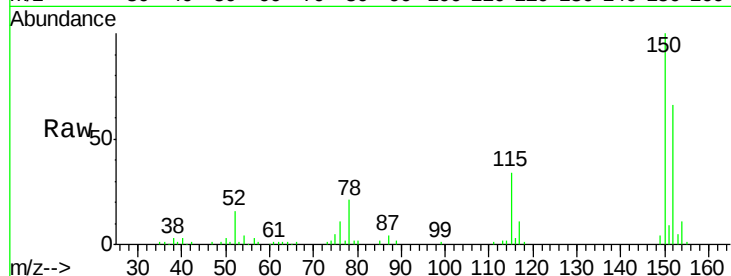


#1

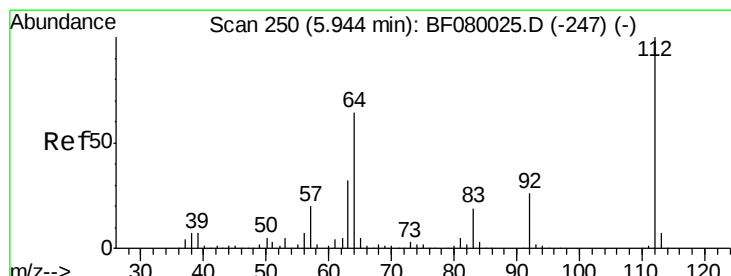
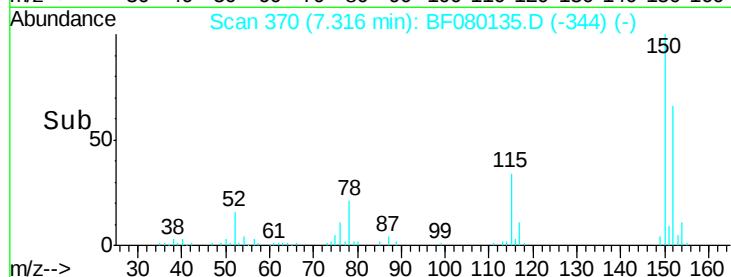
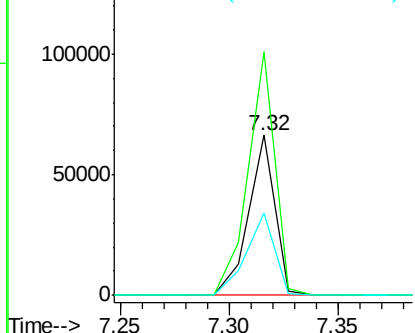
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 370
Delta R.T. 0.00 min
Lab File: BF080135.D
Acq: 24 Jun 2015 16:41

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-H5-H6-H7-H8

Tgt Ion:152 Resp: 55652
Ion Ratio Lower Upper
152 100
150 152.2 124.7 187.1
115 51.2 39.0 58.4



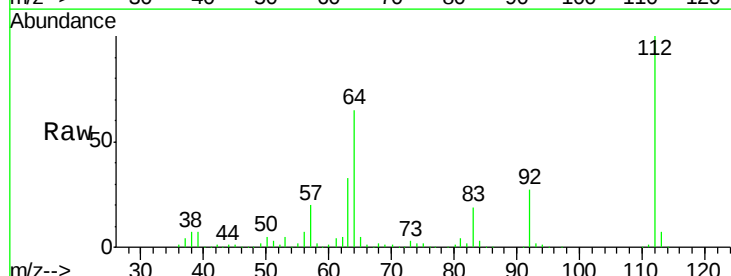
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



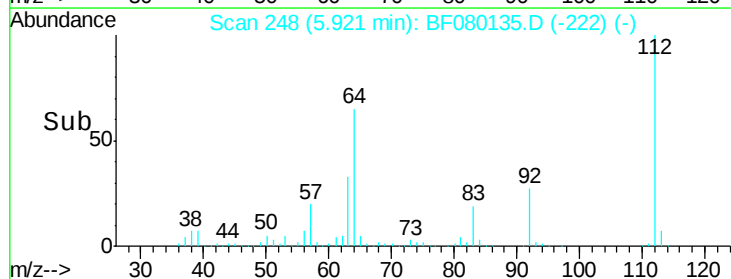
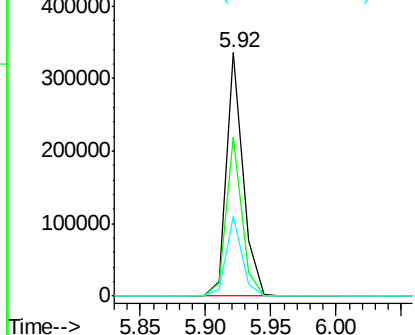
#5

2-Fluorophenol
Concen: 95.12 ng
RT: 5.92 min Scan# 248
Delta R.T. 0.00 min
Lab File: BF080135.D
Acq: 24 Jun 2015 16:41

Tgt Ion:112 Resp: 299044
Ion Ratio Lower Upper
112 100
64 65.5 39.7 59.5#
63 33.0 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: 106.35 ng

RT: 6.92 min Scan# 335

Delta R.T. 0.00 min

Lab File: BF080135.D

Acq: 24 Jun 2015 16:41

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-H5-H6-H7-H8

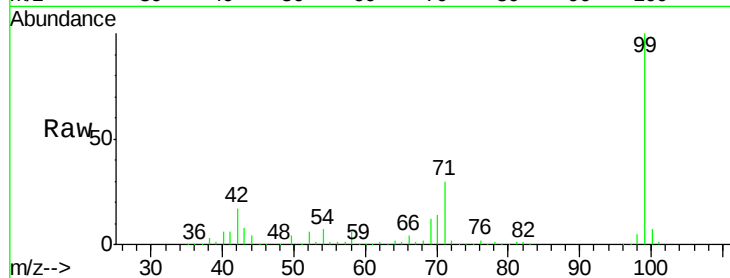
Tgt Ion: 99 Resp: 444908

Ion Ratio Lower Upper

99 100

42 16.9 13.7 20.5

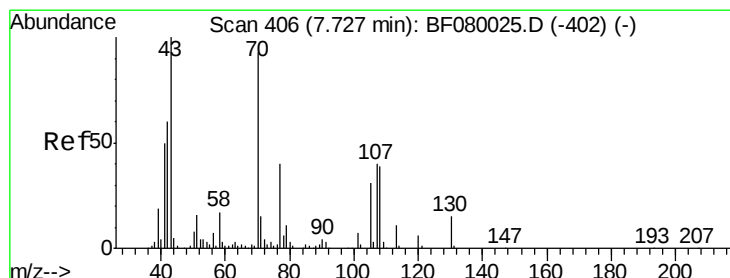
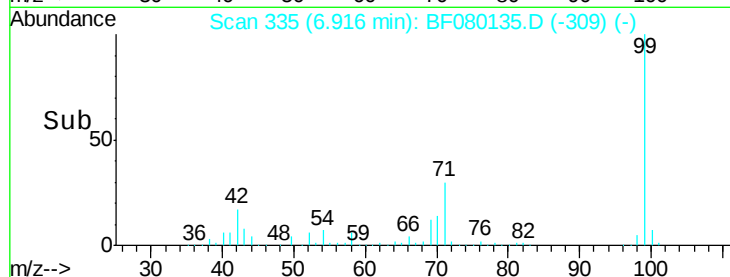
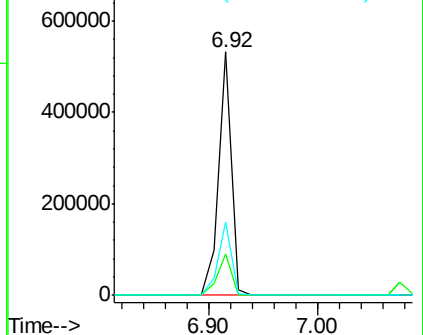
71 30.3 14.2 21.2#



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



#19

n-Nitroso-di-n-propylamine

Concen: 9.94 ng

RT: 7.86 min Scan# 418

Delta R.T. 0.16 min

Lab File: BF080135.D

Acq: 24 Jun 2015 16:41

Tgt Ion: 70 Resp: 28860

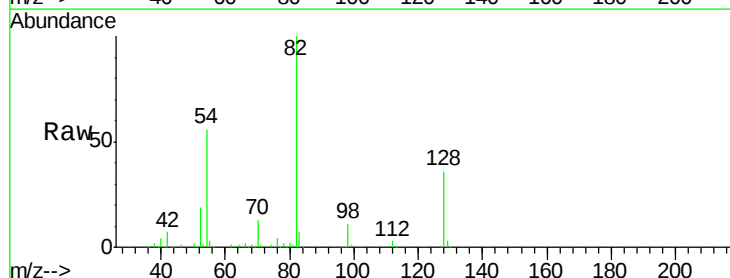
Ion Ratio Lower Upper

70 100

42 54.1 63.8 95.6#

101 0.0 9.2 13.8#

130 1.7 27.3 40.9#

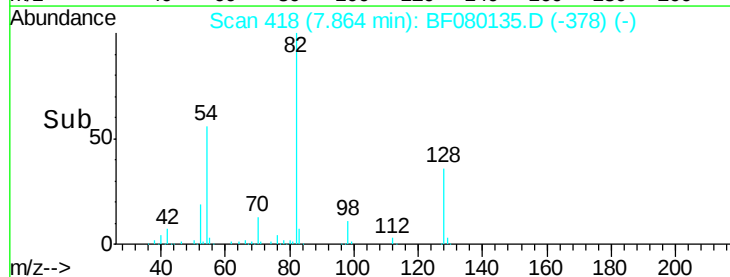
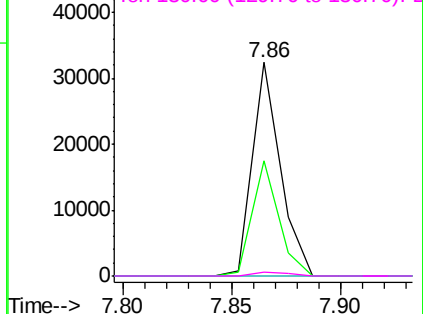


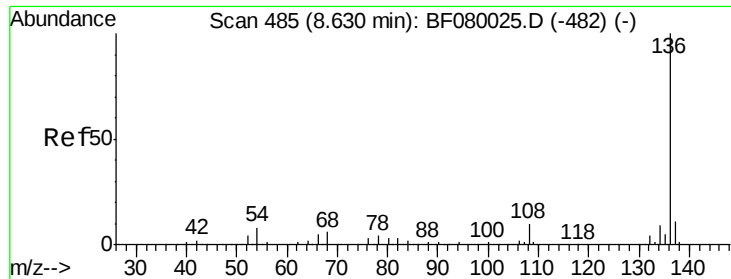
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

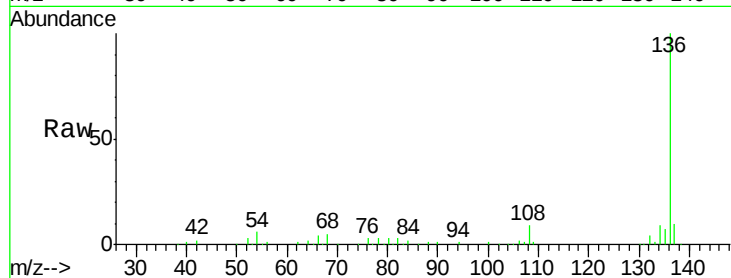




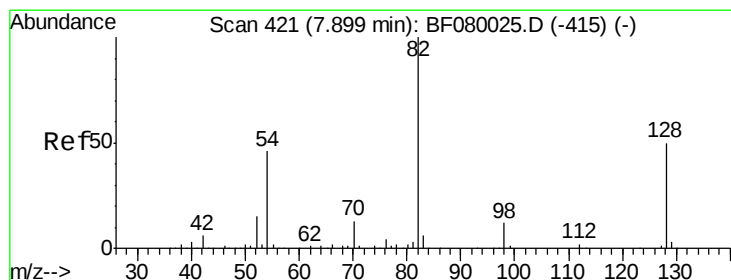
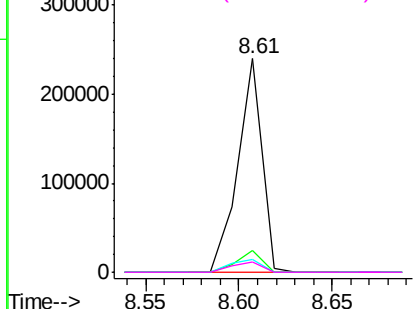
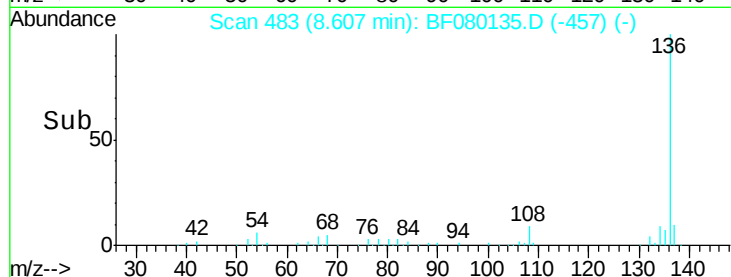
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.61 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF080135.D
Acq: 24 Jun 2015 16:41

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-H5-H6-H7-H8

Tgt Ion: 136 Resp: 218123
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.6
54 6.3 8.2 12.2#
68 5.0 5.8 8.6#

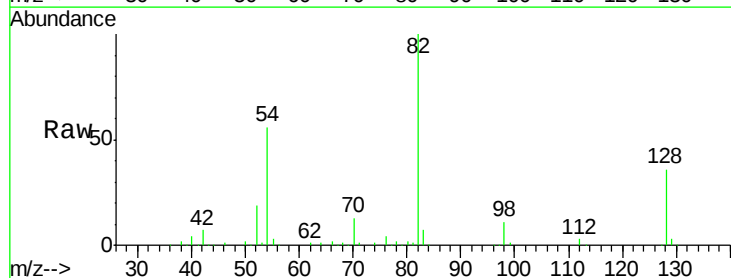


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

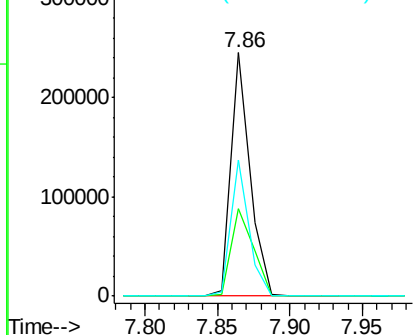
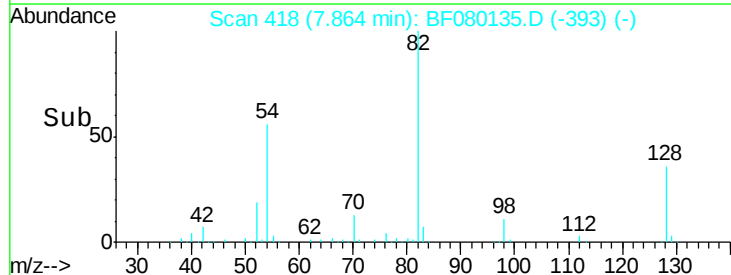


#23
Nitrobenzene-d5
Concen: 59.87 ng
RT: 7.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF080135.D
Acq: 24 Jun 2015 16:41

Tgt Ion: 82 Resp: 224309
Ion Ratio Lower Upper
82 100
128 35.8 51.0 76.6#
54 55.6 47.5 71.3



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: 29.18 ng

RT: 7.86 min Scan# 418

Delta R.T. -0.26 min

Lab File: BF080135.D

Acq: 24 Jun 2015 16:41

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-H5-H6-H7-H8

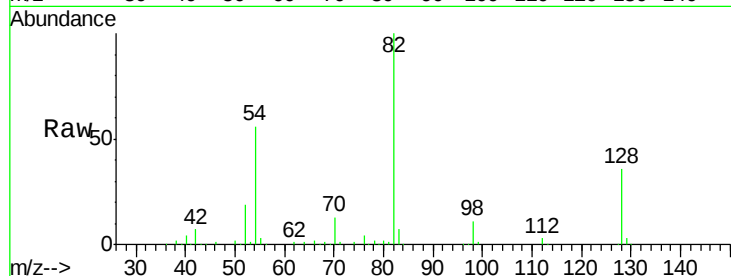
Tgt Ion: 82 Resp: 220044

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

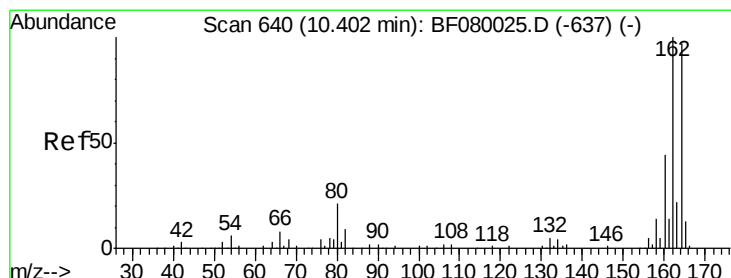
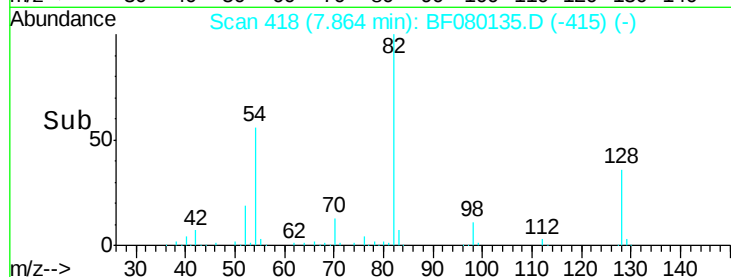
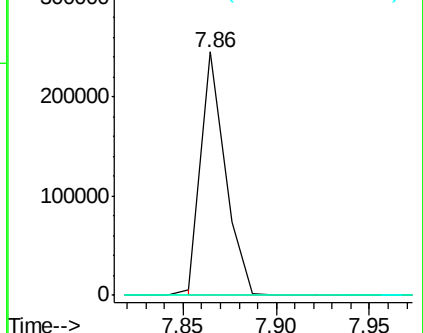
138 0.0 18.3 27.5#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.38 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF080135.D

Acq: 24 Jun 2015 16:41

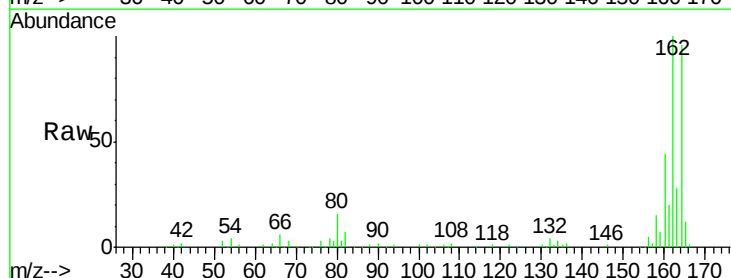
Tgt Ion:164 Resp: 114368

Ion Ratio Lower Upper

164 100

162 104.2 75.2 112.8

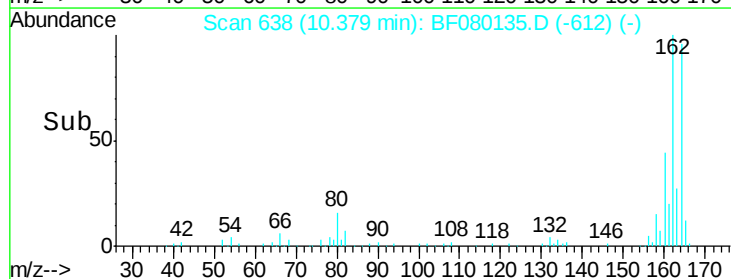
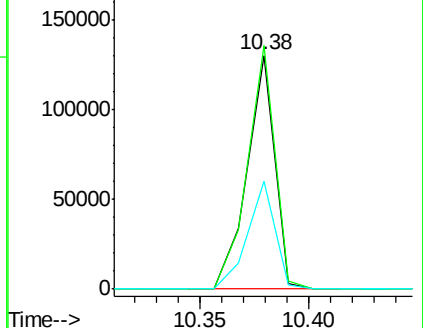
160 46.1 31.5 47.3



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

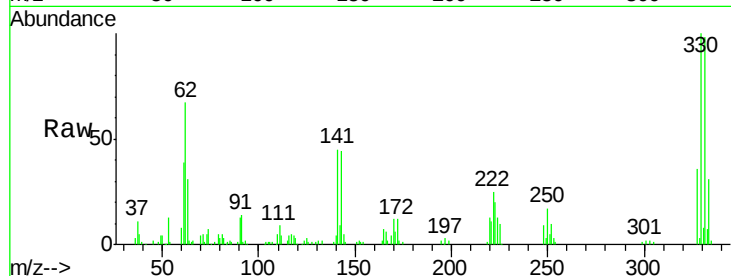




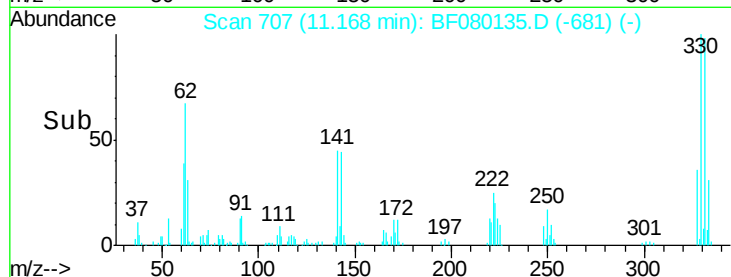
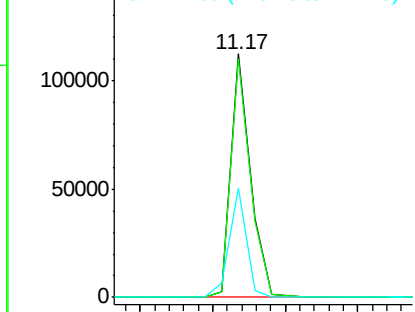
#41
 2,4,6-Tribromophenol
 Concen: 94.28 ng
 RT: 11.17 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF080135.D
 Acq: 24 Jun 2015 16:41

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-H5-H6-H7-H8

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.6	114.8
141	39.3	29.7	44.5

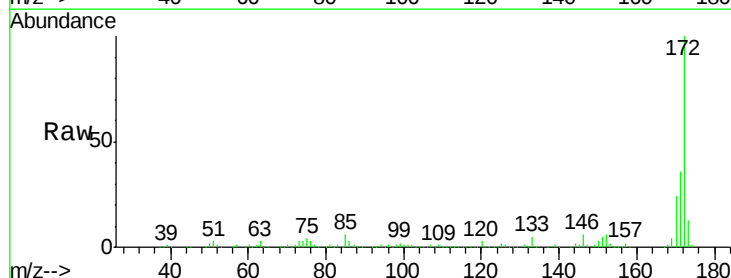


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

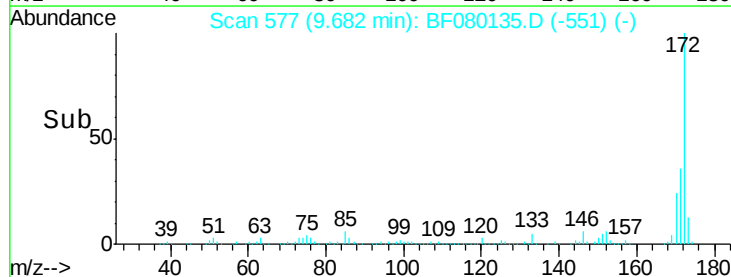
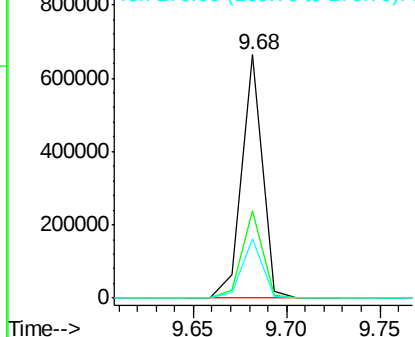


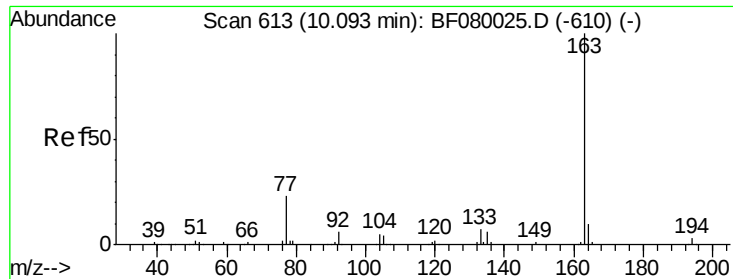
#44
 2-Fluorobiphenyl
 Concen: 64.03 ng
 RT: 9.68 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF080135.D
 Acq: 24 Jun 2015 16:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	26.1	39.1
170	24.2	17.4	26.2



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: 8.84 ng

RT: 10.07 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF080135.D

Acq: 24 Jun 2015 16:41

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-H5-H6-H7-H8

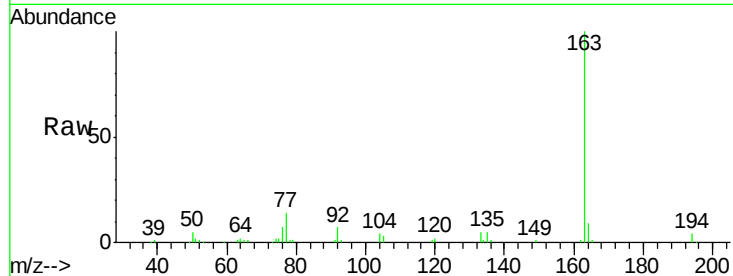
Tgt Ion:163 Resp: 75977

Ion Ratio Lower Upper

163 100

194 4.0 4.4 6.6#

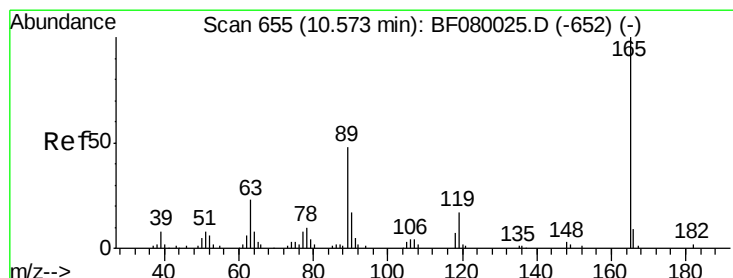
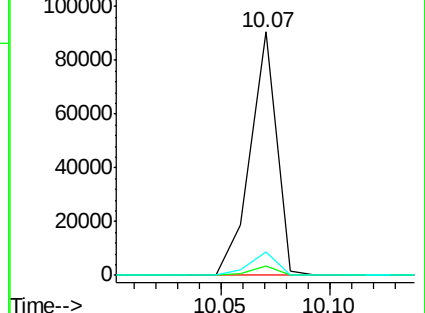
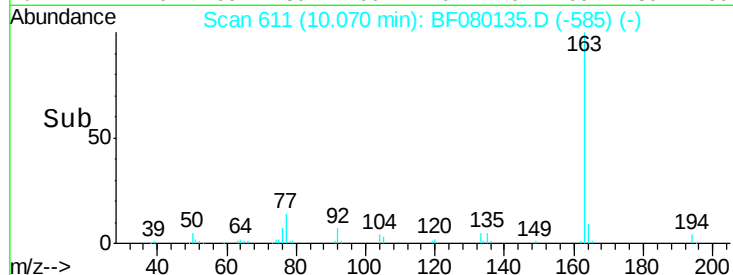
164 9.5 8.3 12.5



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



#56

2,4-Dinitrotoluene

Concen: 6.43 ng

RT: 10.38 min Scan# 638

Delta R.T. -0.17 min

Lab File: BF080135.D

Acq: 24 Jun 2015 16:41

Tgt Ion:165 Resp: 14060

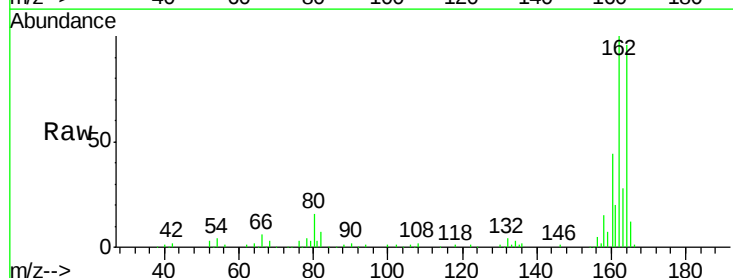
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

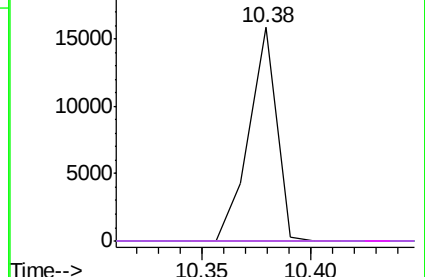
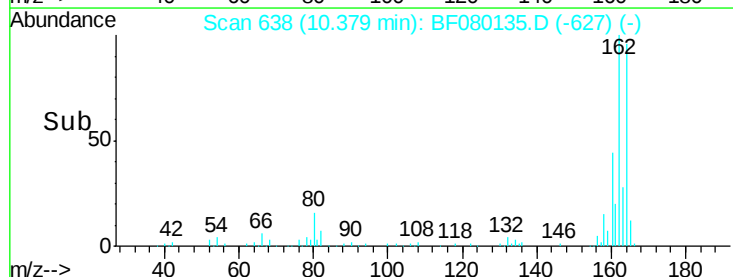


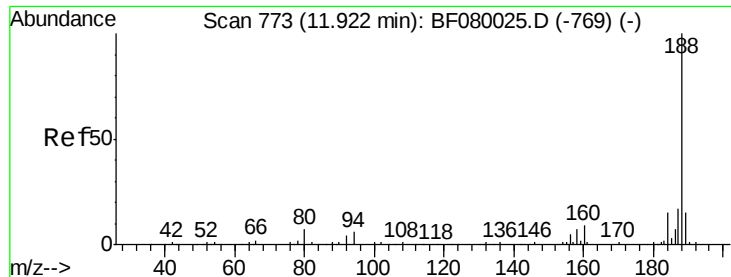
Abundance Ion 165.00 (164.70 to 165.70): E

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

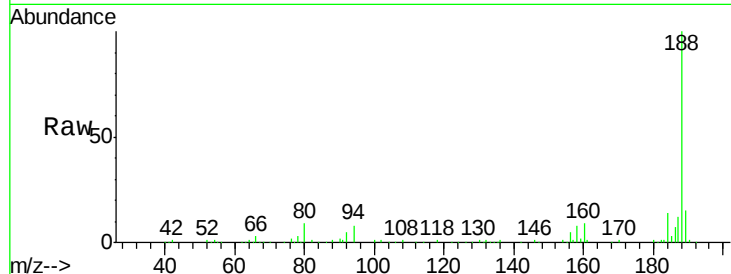




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.89 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF080135.D
 Acq: 24 Jun 2015 16:41

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-H5-H6-H7-H8

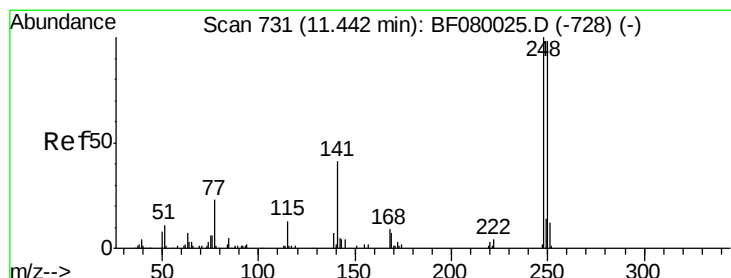
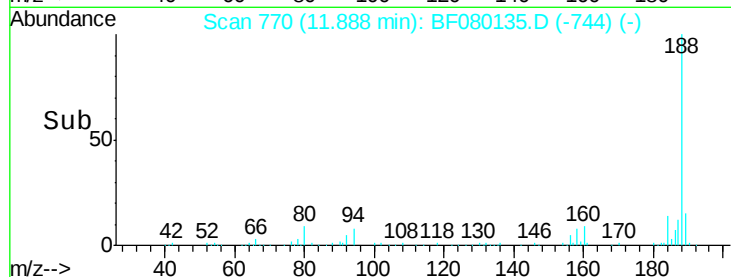
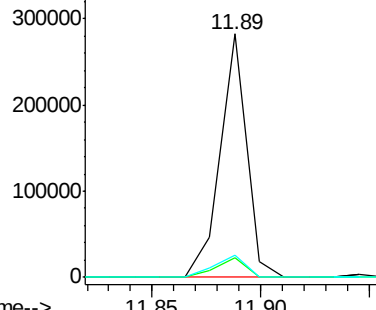
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	11.1	16.7#
80	9.2	11.0	16.4#



Abundance Ion 188.00 (187.70 to 188.70): E

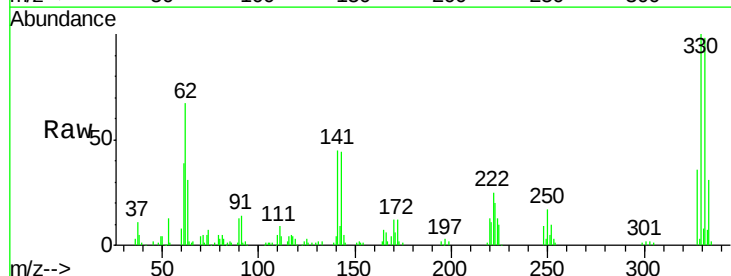
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#66
 4-Bromophenyl-phenylether
 Concen: 3.16 ng
 RT: 11.17 min Scan# 707
 Delta R.T. -0.24 min
 Lab File: BF080135.D
 Acq: 24 Jun 2015 16:41

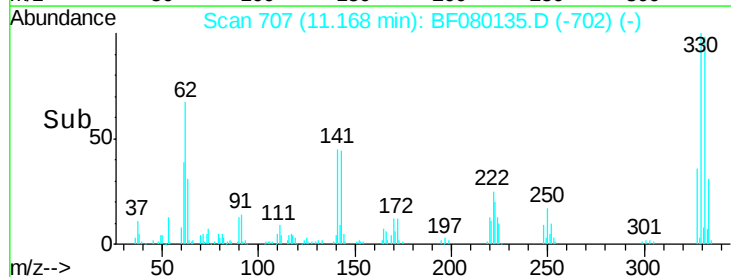
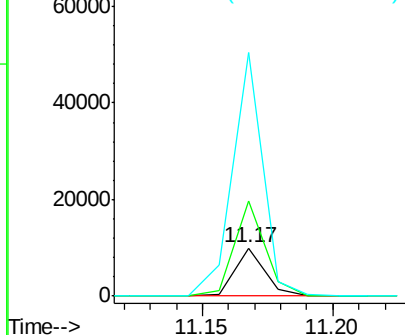
Tgt Ion	Ratio	Lower	Upper
248	100		
250	197.7	78.5	117.7#
141	509.1	59.0	88.6#

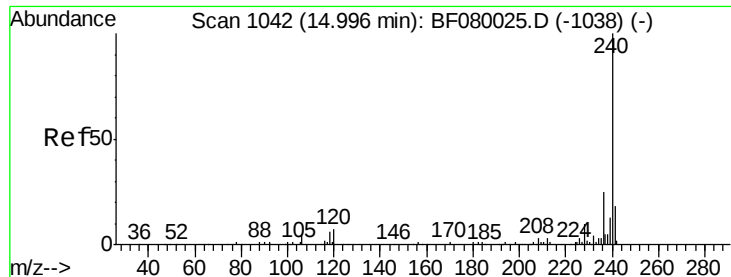


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF080135.D

Acq: 24 Jun 2015 16:41

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-H5-H6-H7-H8

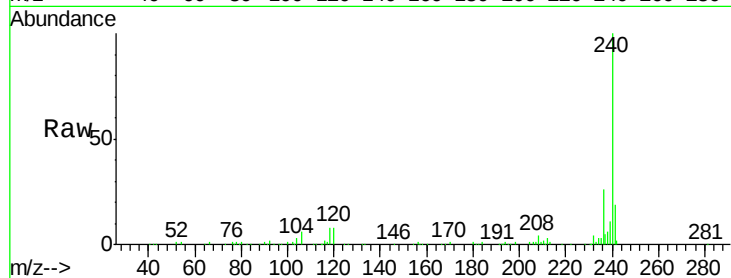
Tgt Ion:240 Resp: 233294

Ion Ratio Lower Upper

240 100

120 8.4 16.2 24.2#

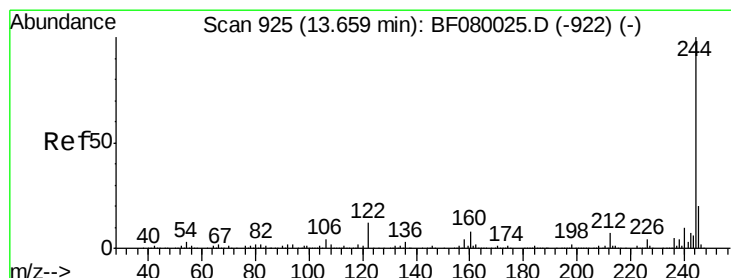
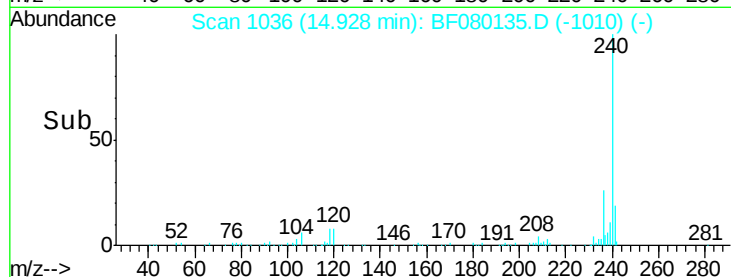
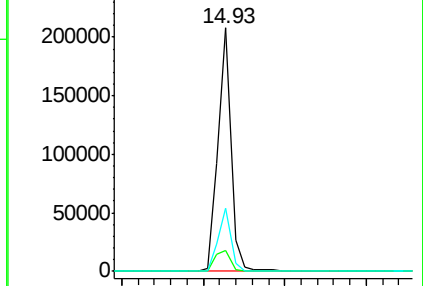
236 25.9 18.4 27.6



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



#78

Terphenyl-d14

Concen: 57.36 ng

RT: 13.61 min Scan# 921

Delta R.T. 0.00 min

Lab File: BF080135.D

Acq: 24 Jun 2015 16:41

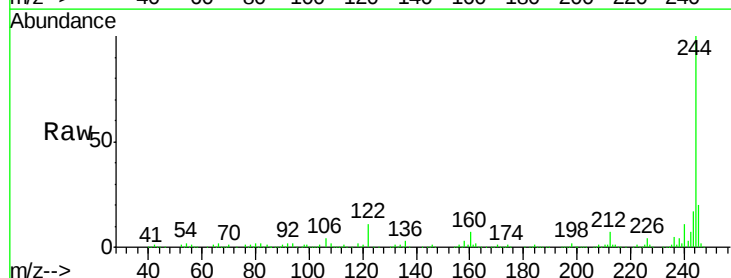
Tgt Ion:244 Resp: 572964

Ion Ratio Lower Upper

244 100

212 6.9 4.3 6.5#

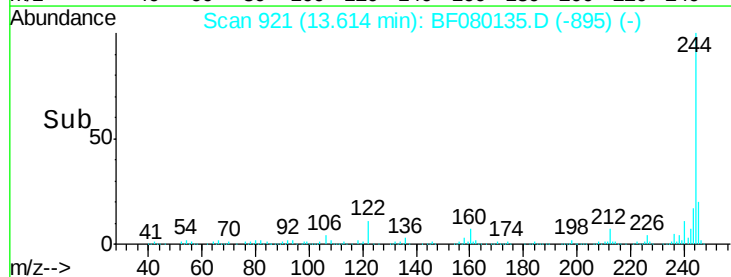
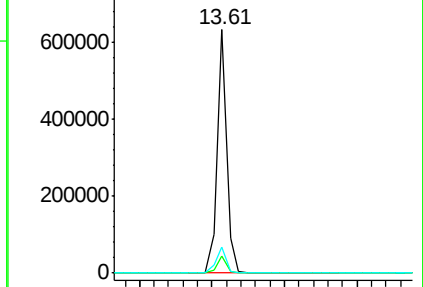
122 10.7 17.4 26.2#

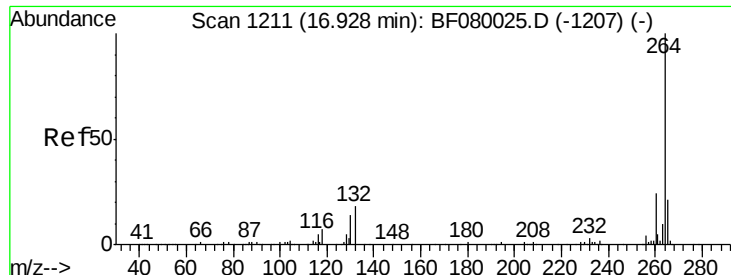


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

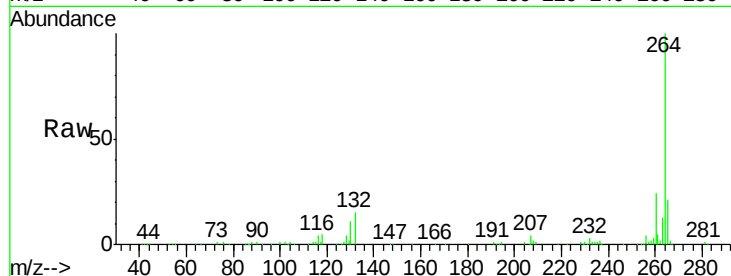




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.85 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF080135.D
Acq: 24 Jun 2015 16:41

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-H5-H6-H7-H8

Tgt Ion: 264 Resp: 207134
Ion Ratio Lower Upper
264 100
260 23.7 16.7 25.1
265 21.3 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

