

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102516\
 Data File : BF090816.D
 Acq On : 25 Oct 2016 19:18
 Operator : UM/SJ
 Sample : H5365-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-B2-B3-B4-B5

Quant Time: Oct 26 00:53:58 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 25 18:56:36 2016
 Response via : Initial Calibration

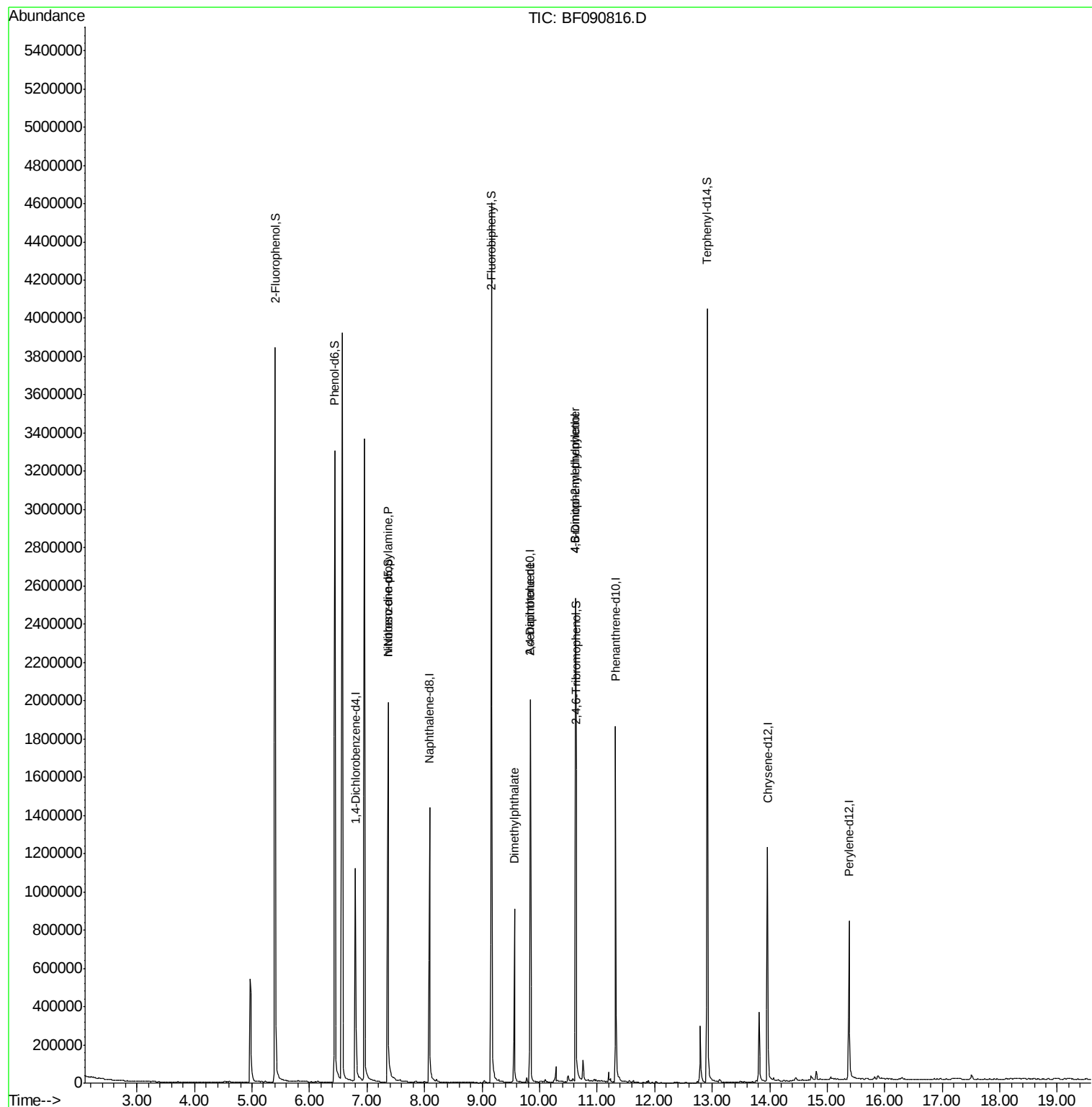
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	203706	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	857135	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	435224	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	733233	20.00	ng	0.00
75) Chrysene-d12	13.96	240	472480	20.00	ng	0.00
86) Perylene-d12	15.38	264	387247	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1309979	103.71	ng	0.01
7) Phenol-d6	6.44	99	1627637	95.14	ng	0.00
23) Nitrobenzene-d5	7.37	82	972923	62.26	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	474821	137.84	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1822538	65.01	ng	-0.01
78) Terphenyl-d14	12.91	244	1803899	87.50	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	123861	9.72	ng	# 48
49) Dimethylphthalate	9.56	163	399629	14.61	ng	# 97
56) 2,4-Dinitrotoluene	9.84	165	55641	7.74	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.62	198	756	4.32	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	28871	4.06	ng	# 1

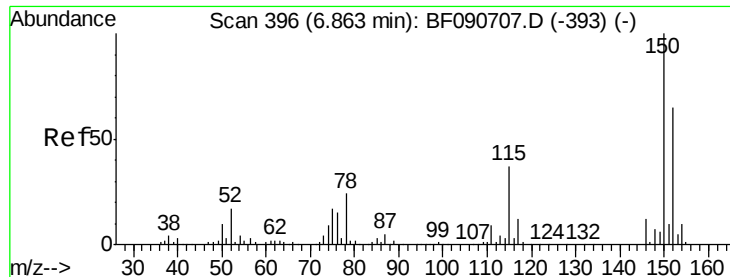
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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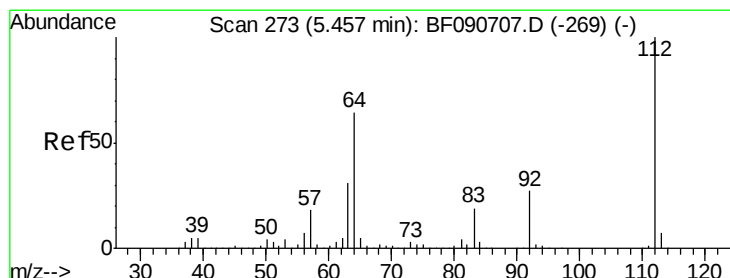
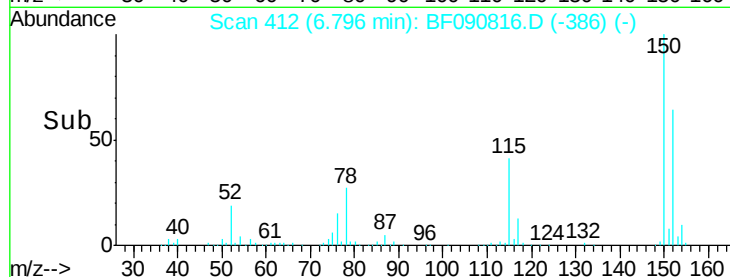
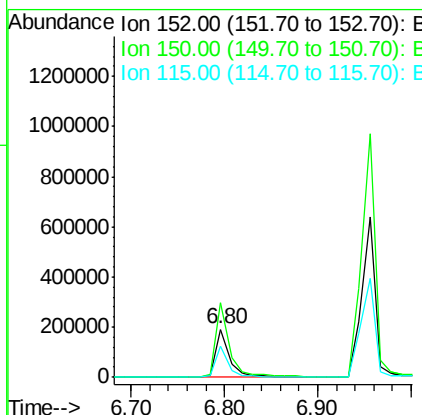
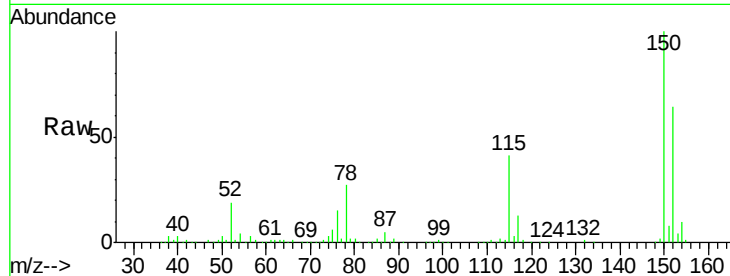




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BF090816.D
 Acq: 25 Oct 2016 19:18

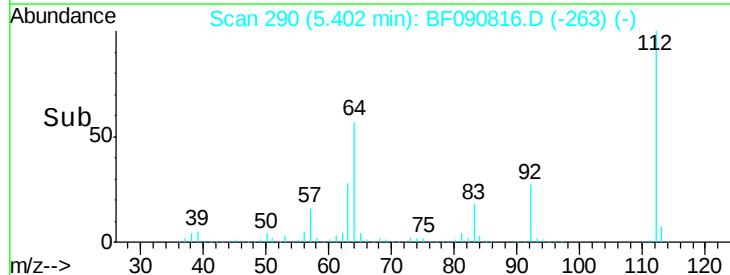
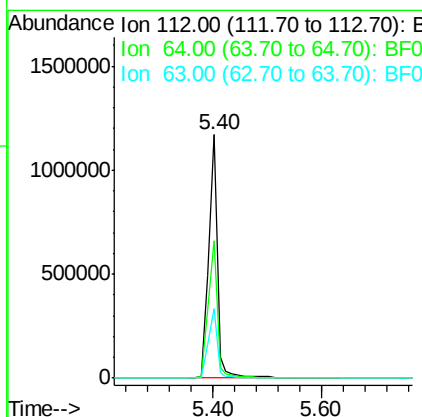
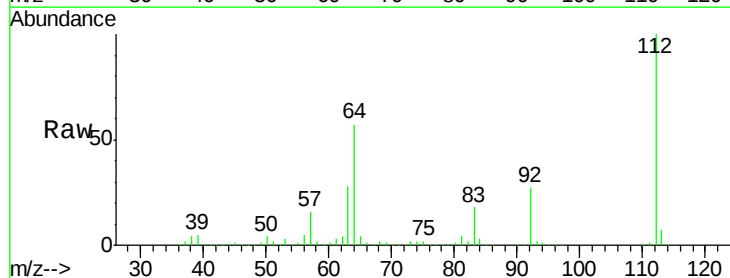
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-B2-B3-B4-B5

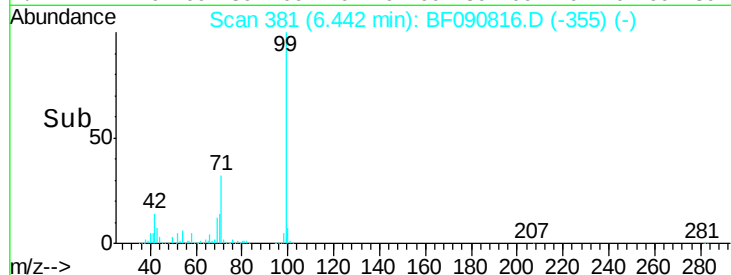
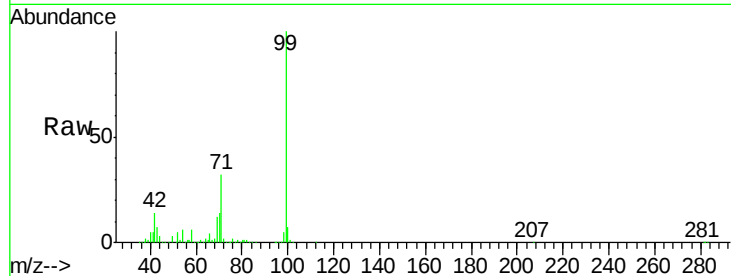
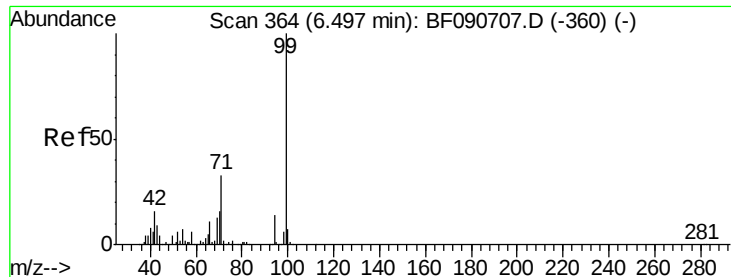
Tgt Ion:152 Resp: 203706
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.7 187.1
 115 63.8 39.0 58.4#



#5
 2-Fluorophenol
 Concen: 103.71 ng
 RT: 5.40 min Scan# 290
 Delta R.T. 0.01 min
 Lab File: BF090816.D
 Acq: 25 Oct 2016 19:18

Tgt Ion:112 Resp: 1309979
 Ion Ratio Lower Upper
 112 100
 64 56.5 39.7 59.5
 63 28.3 17.4 26.0#





#7

Phenol-d6

Concen: 95.14 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF090816.D

Acq: 25 Oct 2016 19:18

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B2-B3-B4-B5

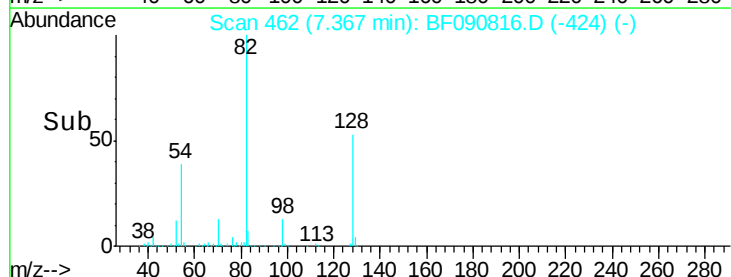
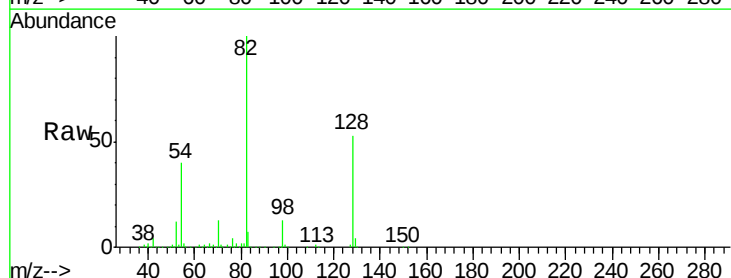
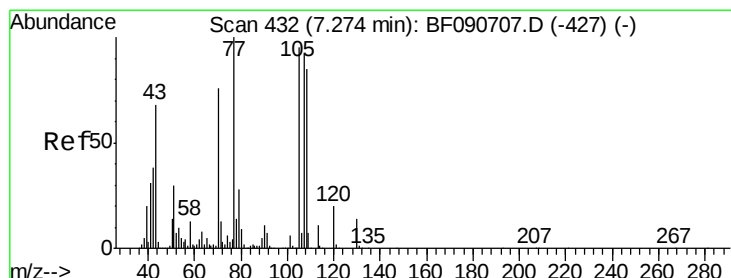
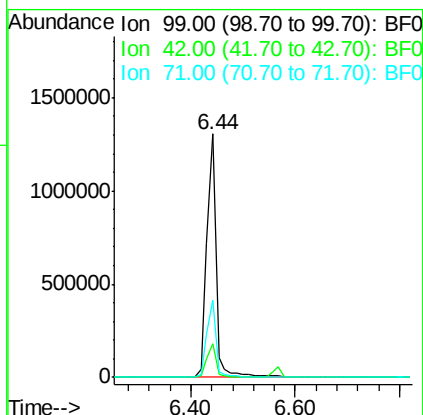
Tgt Ion: 99 Resp: 1627637

Ion Ratio Lower Upper

99 100

42 13.7 13.7 20.5

71 31.6 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 9.72 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.14 min

Lab File: BF090816.D

Acq: 25 Oct 2016 19:18

Tgt Ion: 70 Resp: 123861

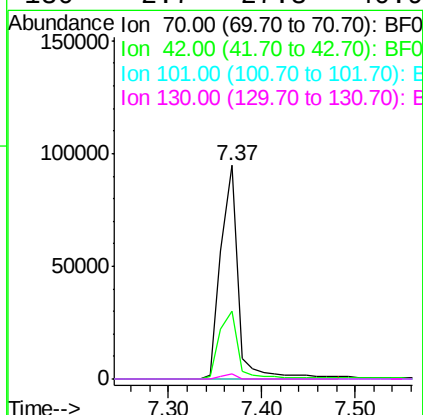
Ion Ratio Lower Upper

70 100

42 31.9 63.8 95.6#

101 0.0 9.2 13.8#

130 2.7 27.3 40.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF090816.D

Acq: 25 Oct 2016 19:18

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B2-B3-B4-B5

Tgt Ion:136 Resp: 857135

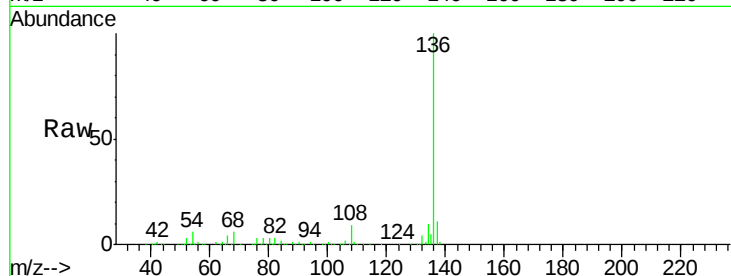
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 5.9 8.2 12.2#

68 5.5 5.8 8.6#

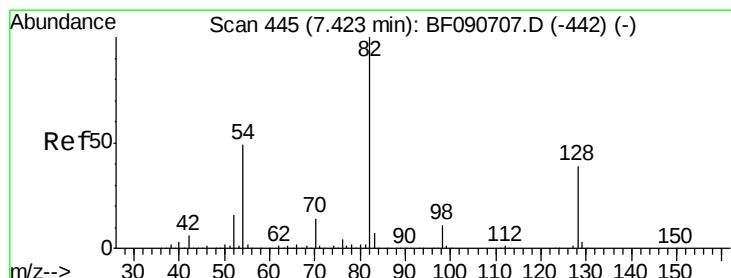
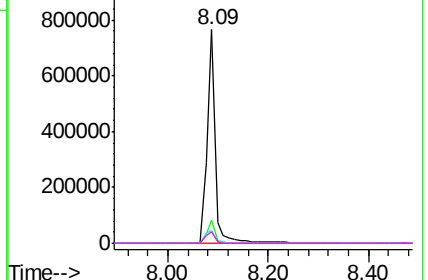
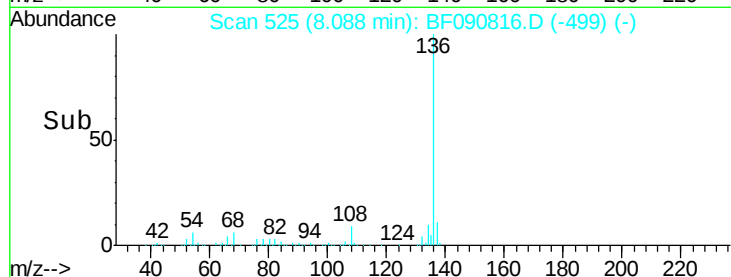


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.26 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF090816.D

Acq: 25 Oct 2016 19:18

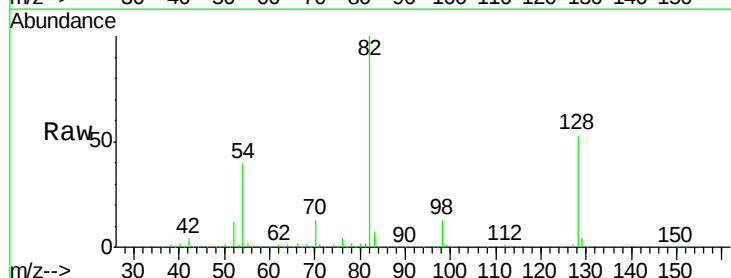
Tgt Ion: 82 Resp: 972923

Ion Ratio Lower Upper

82 100

128 52.6 51.0 76.6

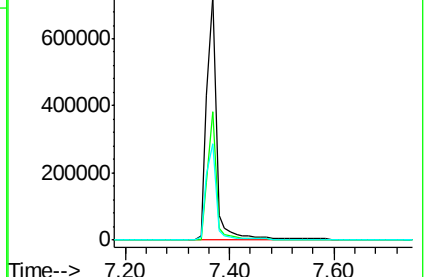
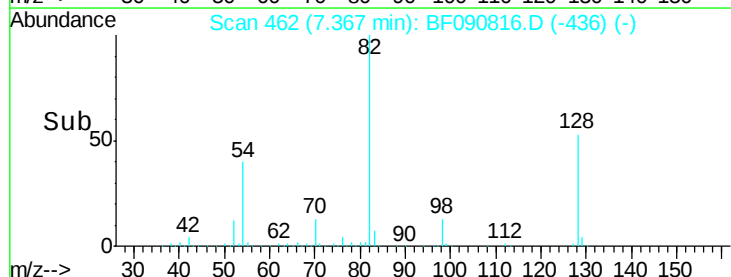
54 39.6 47.5 71.3#

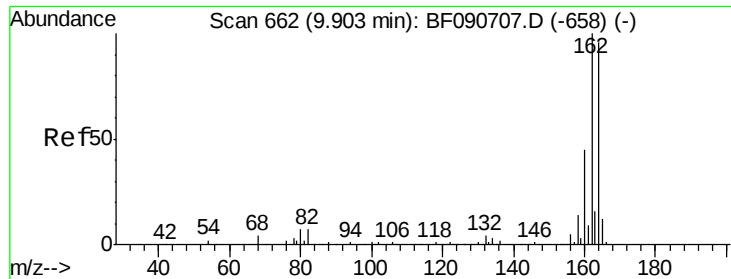


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

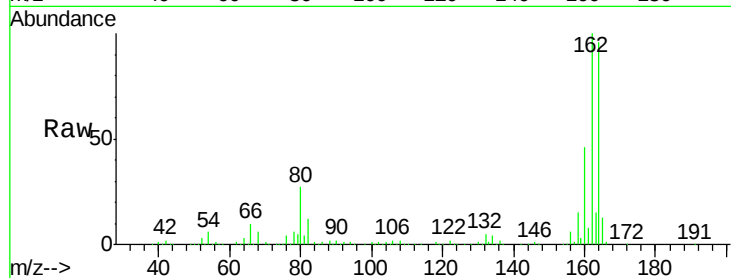




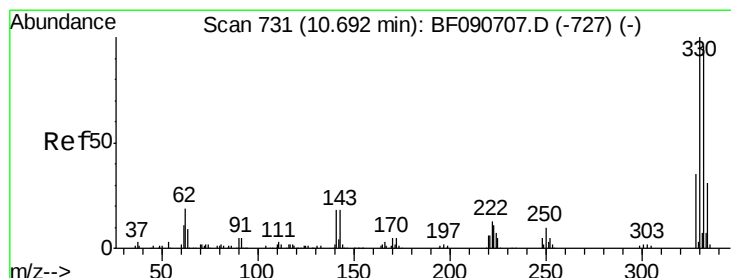
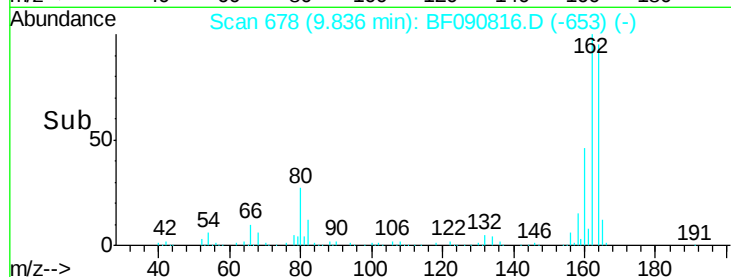
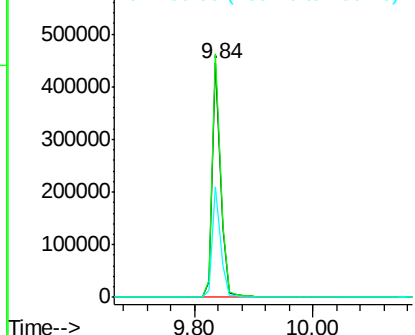
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.01 min
 Lab File: BF090816.D
 Acq: 25 Oct 2016 19:18

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-B2-B3-B4-B5

Tgt Ion:164 Resp: 435224
 Ion Ratio Lower Upper
 164 100
 162 103.9 75.2 112.8
 160 47.4 31.5 47.3#

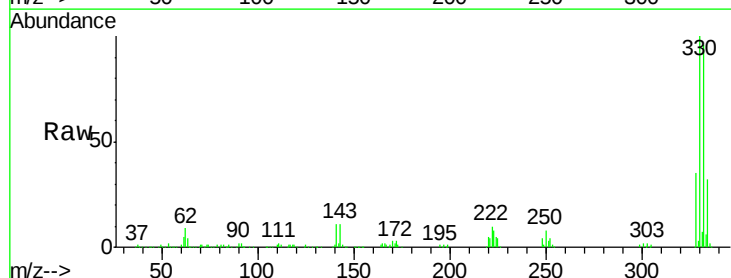


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

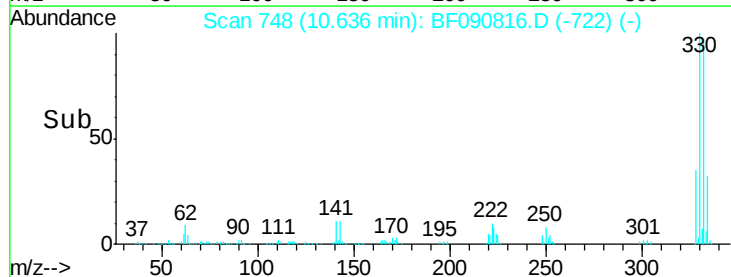
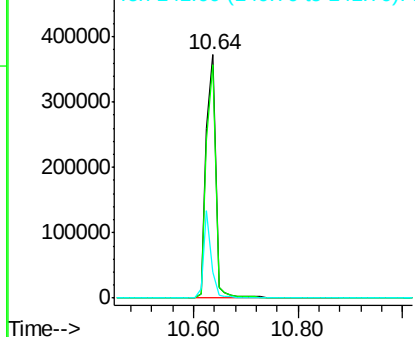


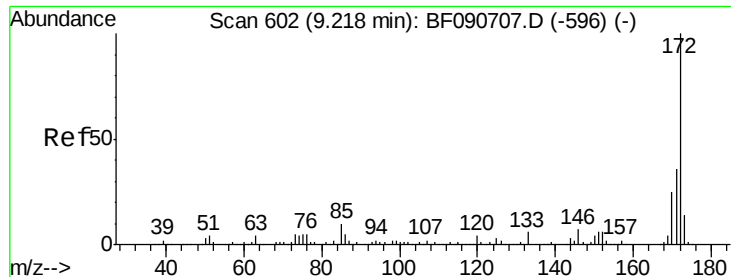
#41
 2,4,6-Tribromophenol
 Concen: 137.84 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF090816.D
 Acq: 25 Oct 2016 19:18

Tgt Ion:330 Resp: 474821
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 114.8
 141 29.3 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

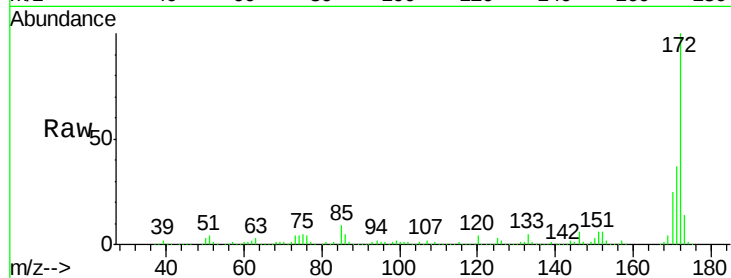




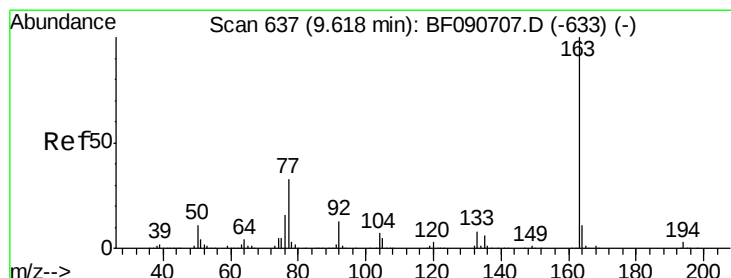
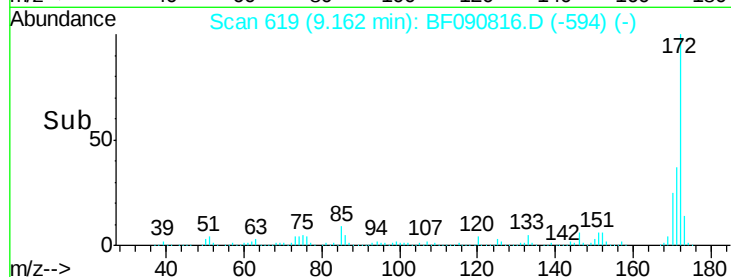
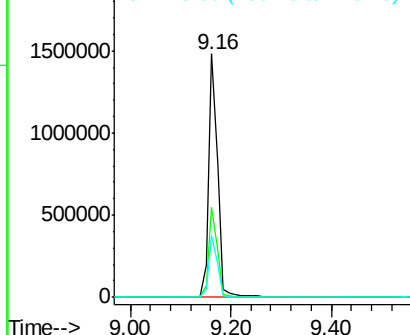
#44
 2-Fluorobiphenyl
 Concen: 65.01 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF090816.D
 Acq: 25 Oct 2016 19:18

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-B2-B3-B4-B5

Tgt Ion:172 Resp: 1822538
 Ion Ratio Lower Upper
 172 100
 171 37.0 26.1 39.1
 170 25.3 17.4 26.2

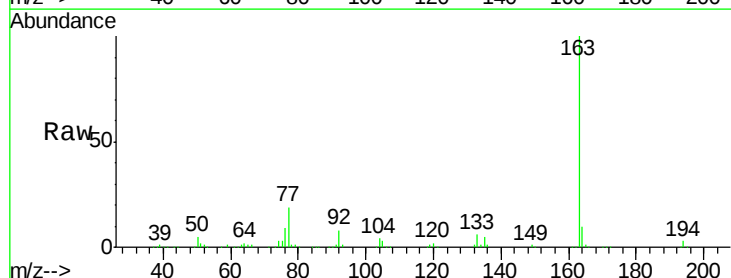


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

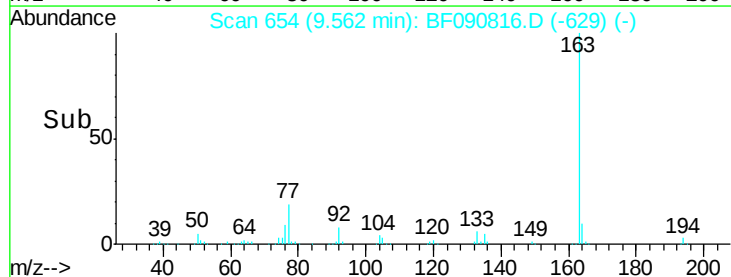
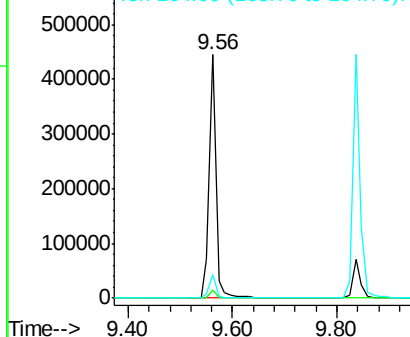


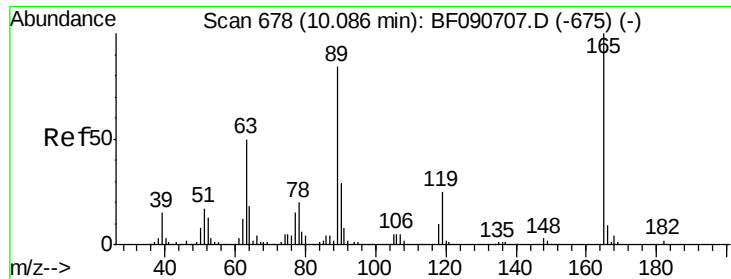
#49
 Dimethylphthalate
 Concen: 14.61 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF090816.D
 Acq: 25 Oct 2016 19:18

Tgt Ion:163 Resp: 399629
 Ion Ratio Lower Upper
 163 100
 194 3.3 4.4 6.6#
 164 9.8 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

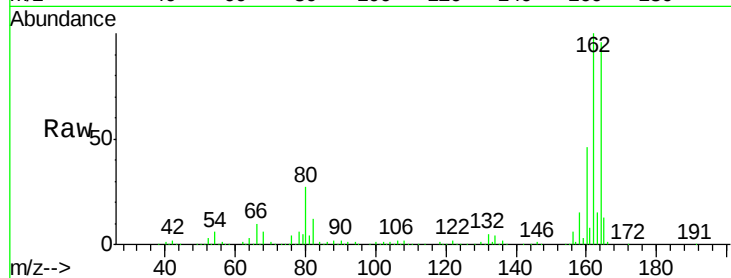




#56
 2,4-Dinitrotoluene
 Concen: 7.74 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.21 min
 Lab File: BF090816.D
 Acq: 25 Oct 2016 19:18

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-B2-B3-B4-B5

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.8	44.6#
89	0.9	44.5	66.7#
182	0.0	3.0	4.4#

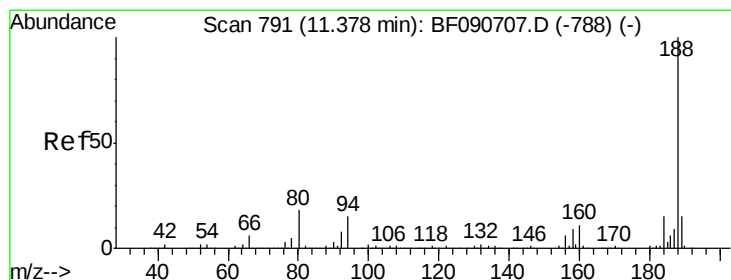
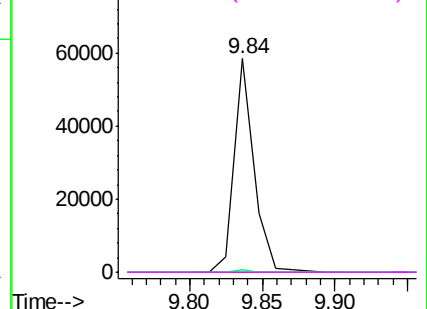
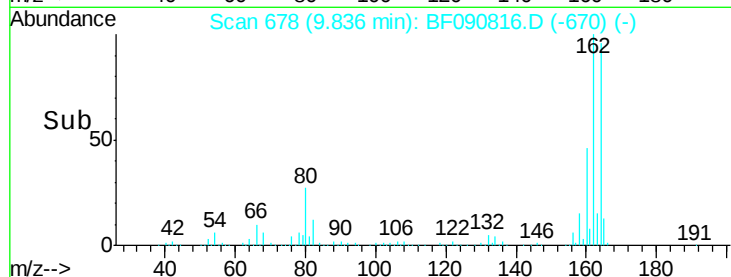


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

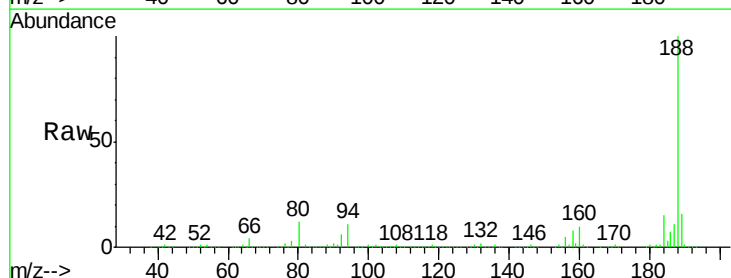
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF090816.D
 Acq: 25 Oct 2016 19:18

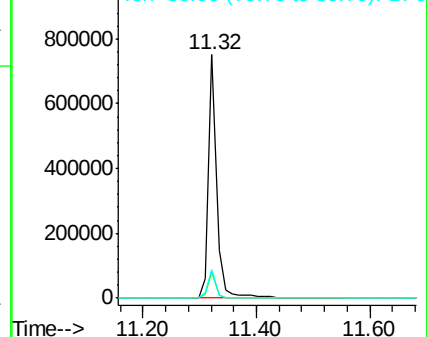
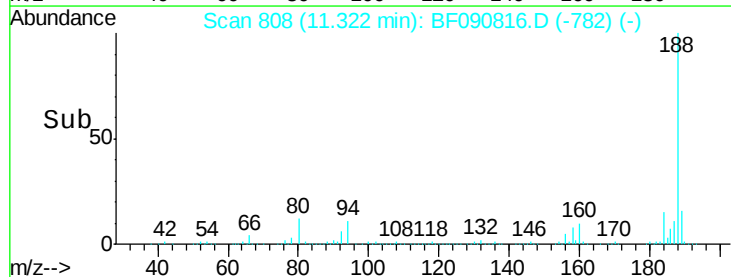
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	11.1	16.7#
80	11.8	11.0	16.4

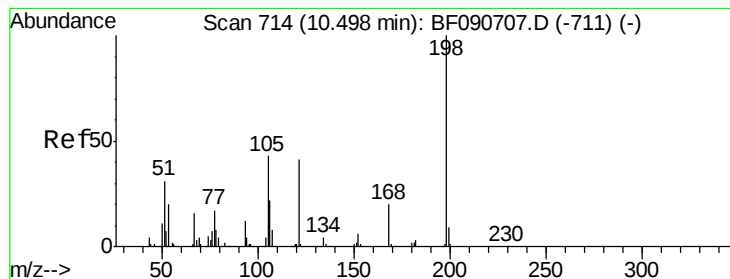


Abundance Ion 188.00 (187.70 to 188.70): E

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: 4.32 ng

RT: 10.62 min Scan# 747

Delta R.T. 0.18 min

Lab File: BF090816.D

Acq: 25 Oct 2016 19:18

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FK-BPM-01-B2-B3-B4-B5

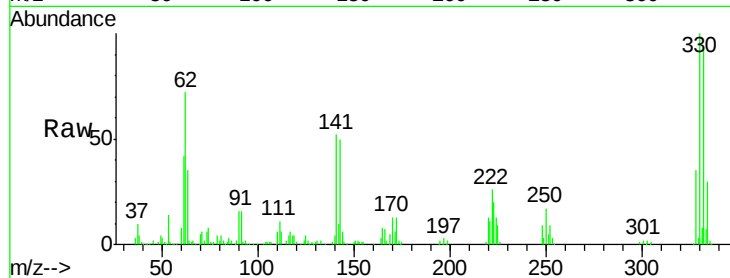
Tgt Ion:198 Resp: 756

Ion Ratio Lower Upper

198 100

51 188.7 39.6 79.6#

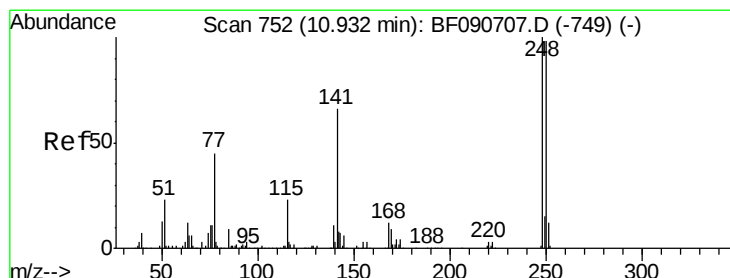
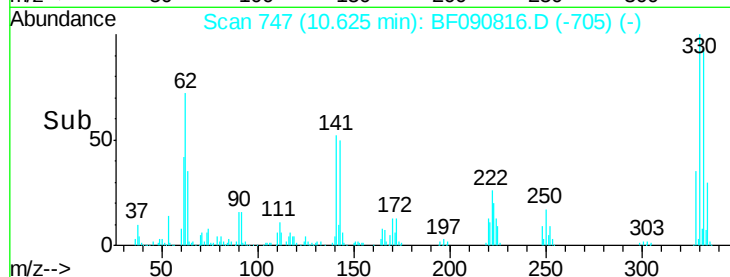
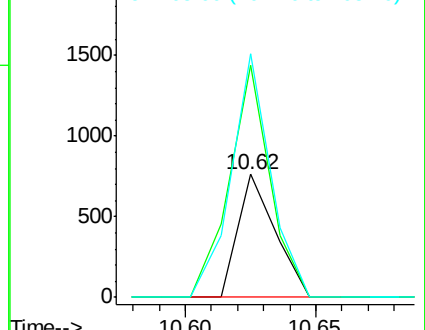
105 198.3 28.5 68.5#



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



#66

4-Bromophenyl-phenylether

Concen: 4.06 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.25 min

Lab File: BF090816.D

Acq: 25 Oct 2016 19:18

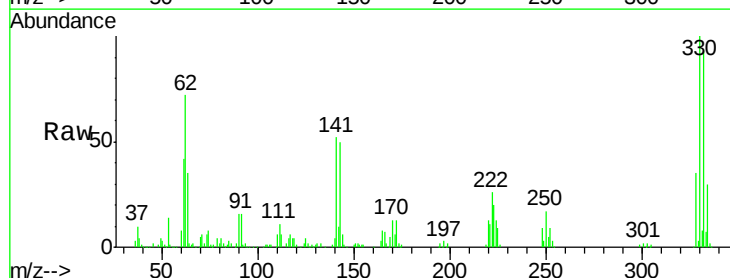
Tgt Ion:248 Resp: 28871

Ion Ratio Lower Upper

248 100

250 190.8 78.5 117.7#

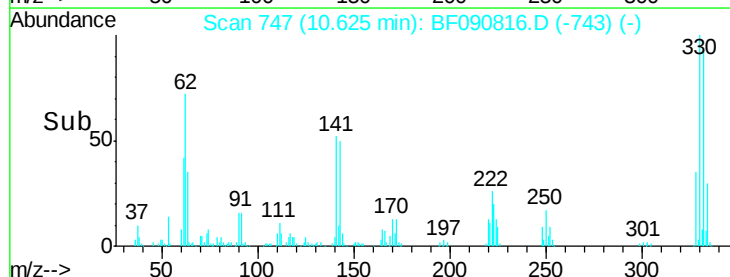
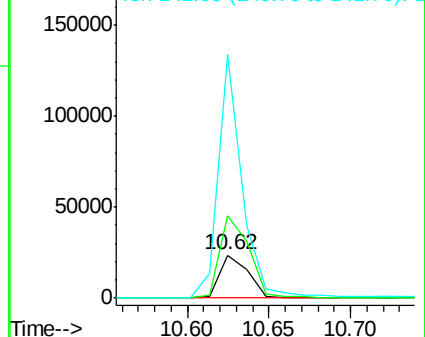
141 567.1 59.0 88.6#

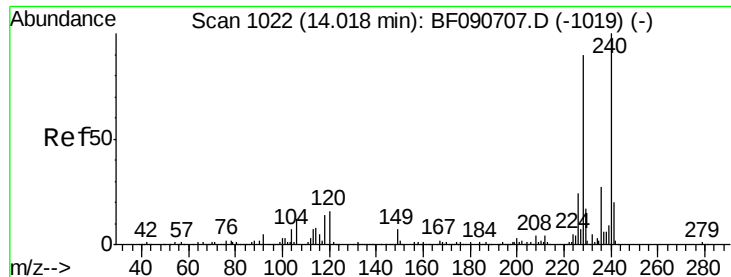


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF090816.D

Acq: 25 Oct 2016 19:18

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B2-B3-B4-B5

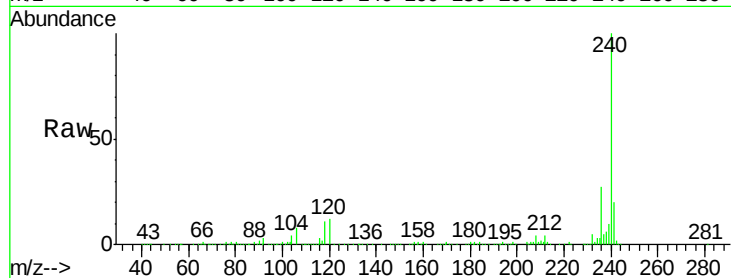
Tgt Ion:240 Resp: 472480

Ion Ratio Lower Upper

240 100

120 12.1 16.2 24.2#

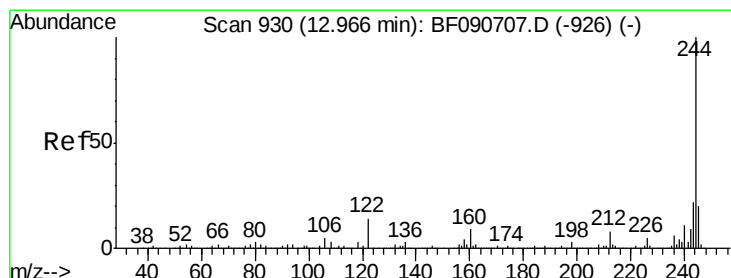
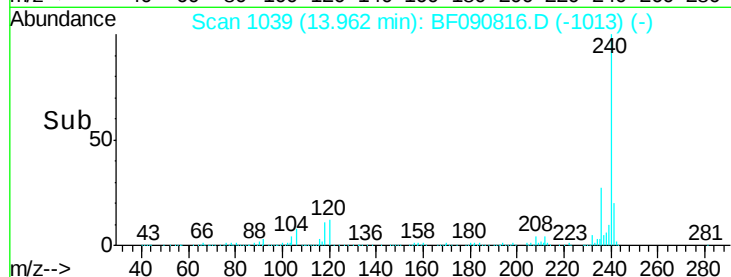
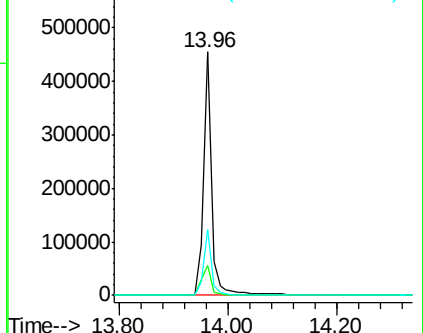
236 27.1 18.4 27.6



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: 87.50 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF090816.D

Acq: 25 Oct 2016 19:18

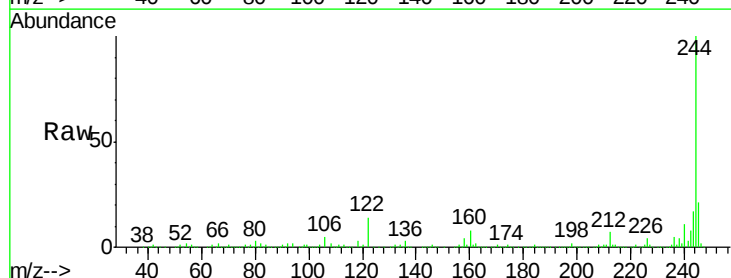
Tgt Ion:244 Resp: 1803899

Ion Ratio Lower Upper

244 100

212 7.2 4.3 6.5#

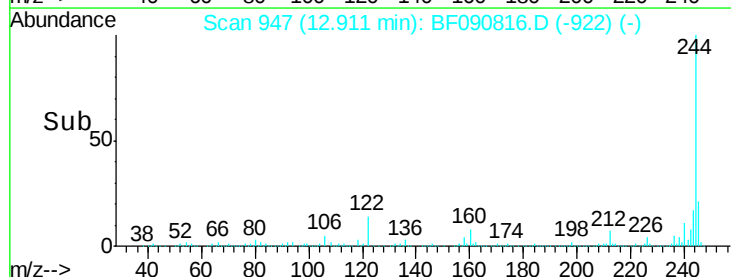
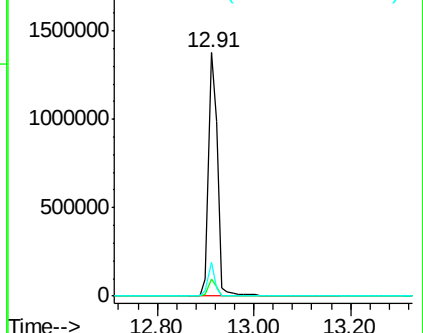
122 13.8 17.4 26.2#

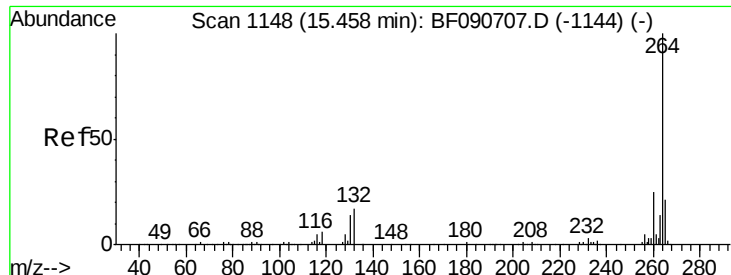


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

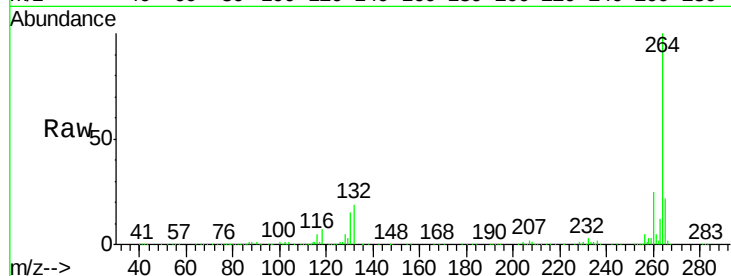




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF090816.D
Acq: 25 Oct 2016 19:18

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-B2-B3-B4-B5

Tgt Ion: 264 Resp: 387247
Ion Ratio Lower Upper
264 100
260 24.9 16.7 25.1
265 22.0 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

