

Data Path : Z:\HPCHEM1\BNA F\Data\BF020316\
 Data File : BF084828.D
 Acq On : 4 Feb 2016 11:37
 Operator : SJ/IZ
 Sample : H1322-12
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 04 12:06:02 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

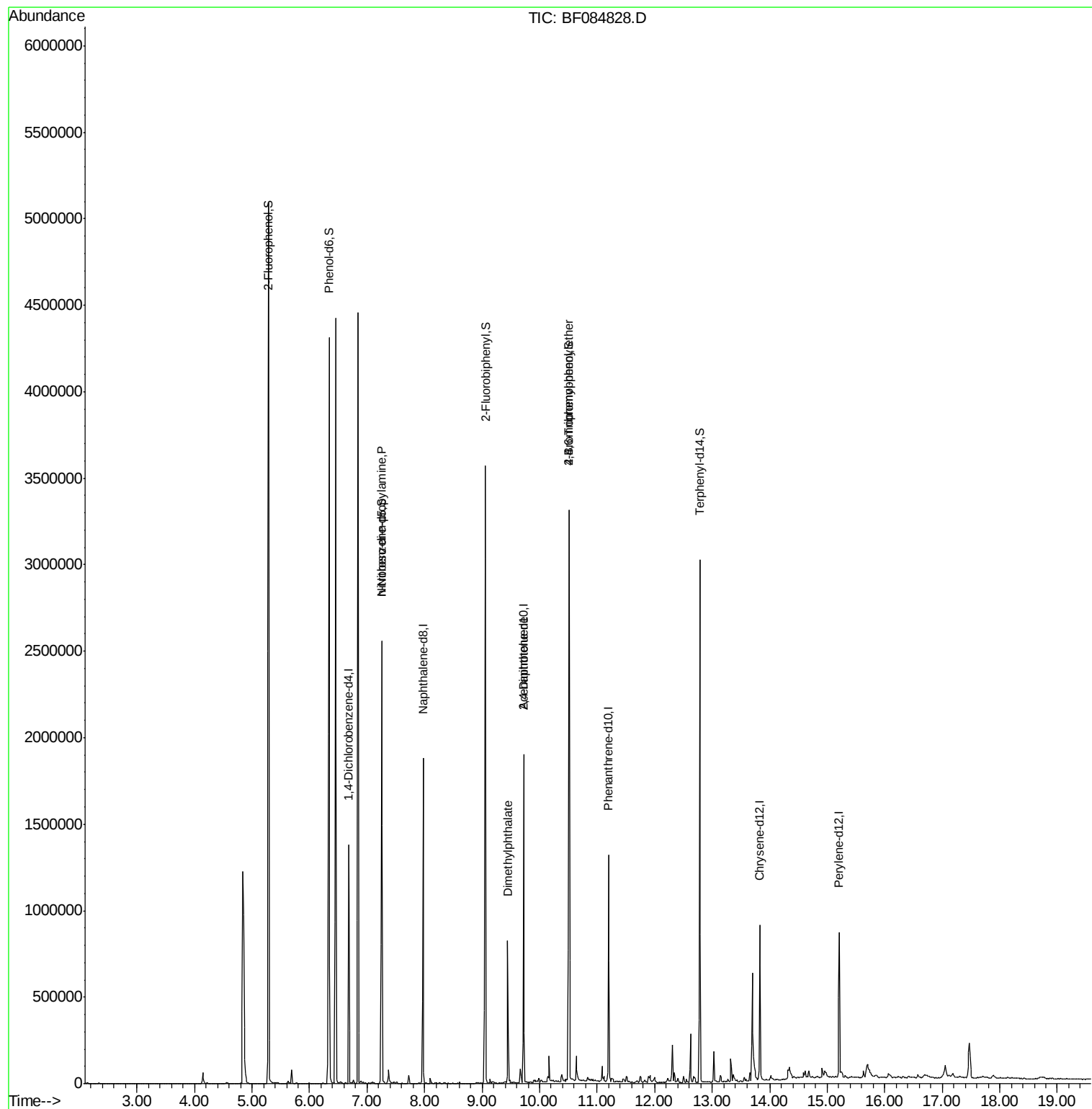
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	188656	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	833237	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	352959	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	565666	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	416534	20.00	ng	-0.01
86) Perylene-d12	15.21	264	373816	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1509673	124.64	ng	0.01
7) Phenol-d6	6.34	99	1682336	112.04	ng	0.00
23) Nitrobenzene-d5	7.25	82	1131418	76.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	401391	109.02	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1663885	76.88	ng	0.00
78) Terphenyl-d14	12.78	244	968626	52.70	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	152770	16.23	ng	# 72
49) Dimethylphthalate	9.45	163	341363	12.70	ng	# 90
56) 2,4-Dinitrotoluene	9.72	165	45216	6.04	ng	# 21
66) 4-Bromophenyl-phenylether	10.51	248	23297	3.73	ng	# 1

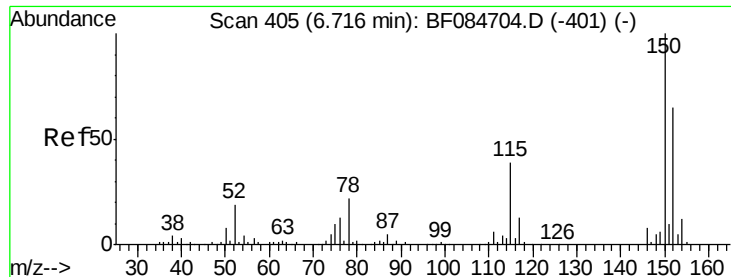
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 03 14:16:01 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF084828.D

Acq: 4 Feb 2016 11:37

Instrument :

BNA_F

ClientSampleId :

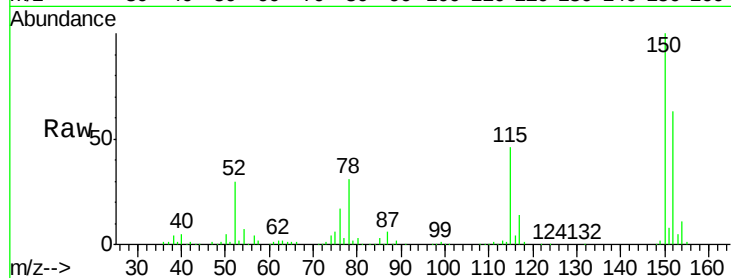
Tot Ion:152 Resp: 188656

Ion Ratio Lower Upper

152 100

150 158.8 123.0 184.4

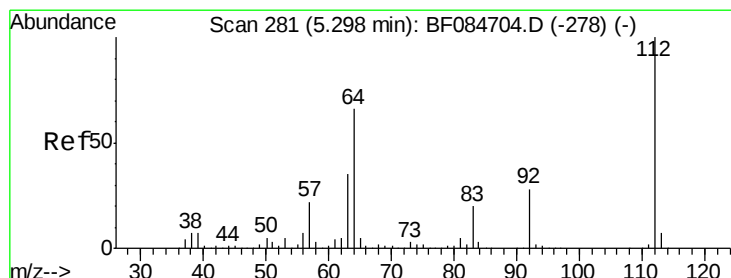
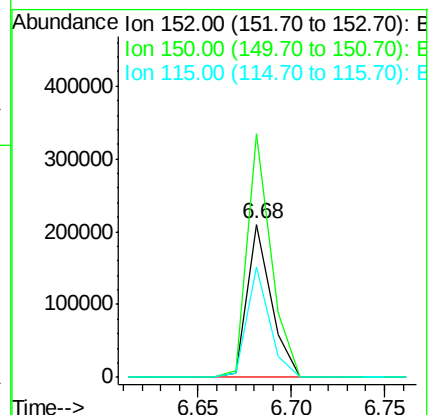
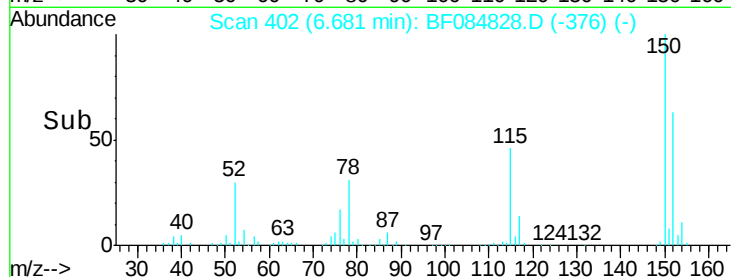
115 72.3 51.4 77.2



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: 124.64 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: BF084828.D

Acq: 4 Feb 2016 11:37

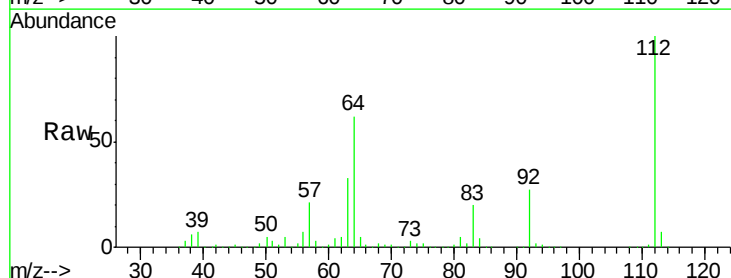
Tgt Ion:112 Resp: 1509673

Ion Ratio Lower Upper

112 100

64 62.2 36.6 55.0#

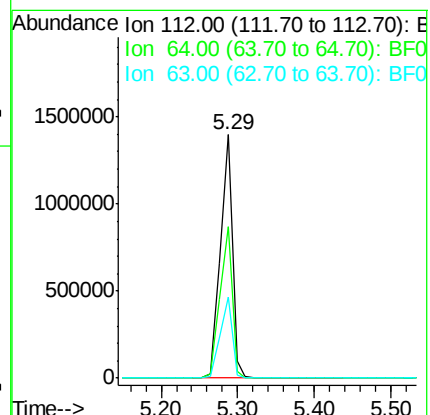
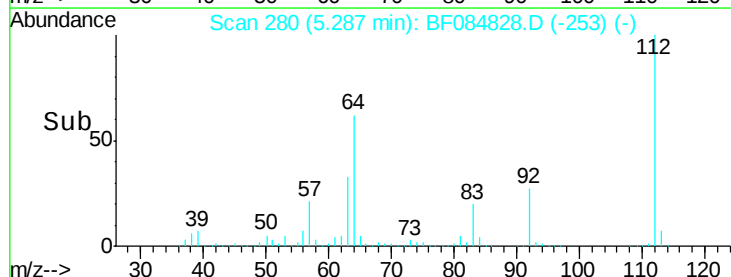
63 33.5 19.4 29.0#



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: 112.04 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF084828.D

Acq: 4 Feb 2016 11:37

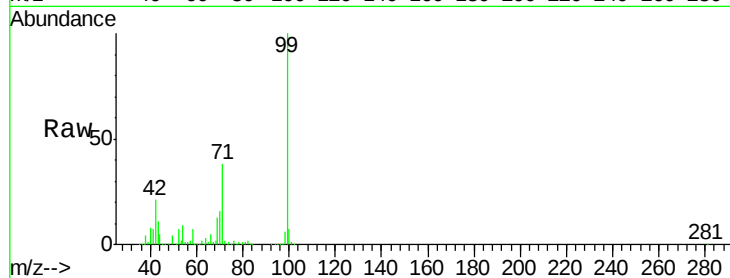
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1682336

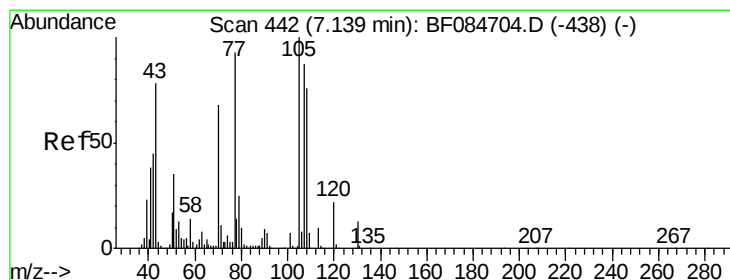
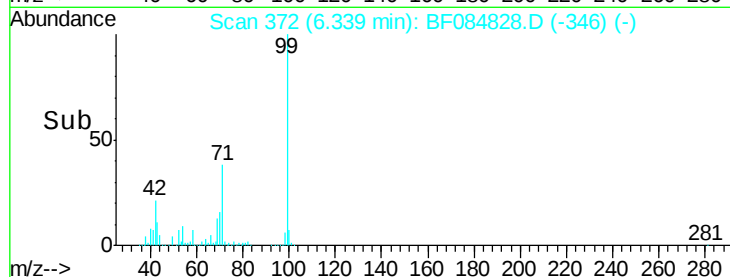
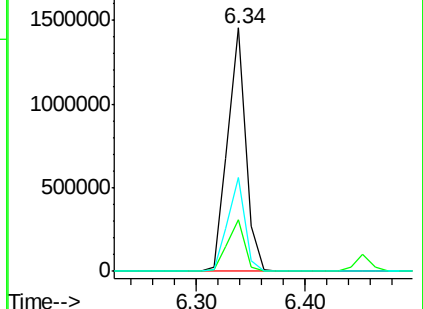
Ion	Ratio	Lower	Upper
99	100		
42	21.1	12.8	19.2#
71	38.3	30.9	46.3



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: 16.23 ng

RT: 7.25 min Scan# 452

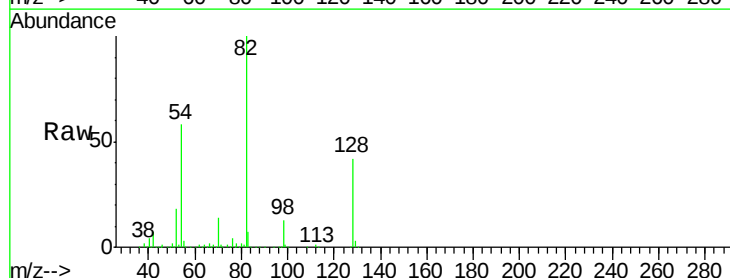
Delta R.T. 0.14 min

Lab File: BF084828.D

Acq: 4 Feb 2016 11:37

Tgt Ion: 70 Resp: 152770

Ion	Ratio	Lower	Upper
70	100		
42	49.3	33.3	49.9
101	0.0	9.3	13.9#
130	1.9	23.4	35.0#

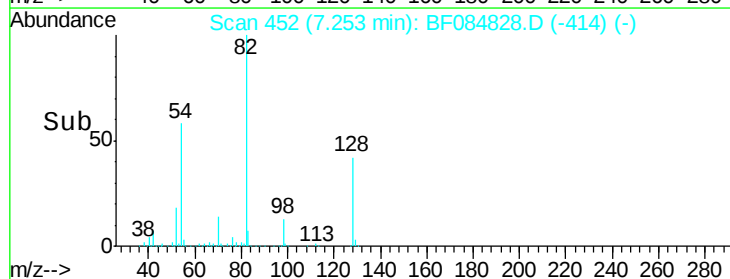
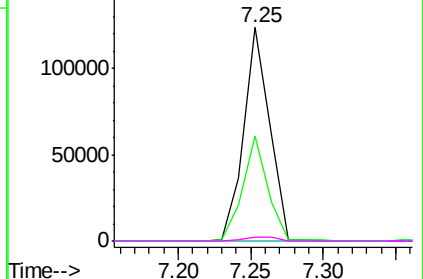


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.97 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF084828.D

Acq: 4 Feb 2016 11:37

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 833237

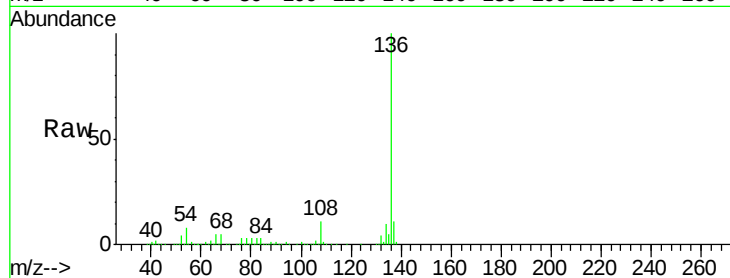
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.9 5.8 8.8

68 4.6 4.2 6.2

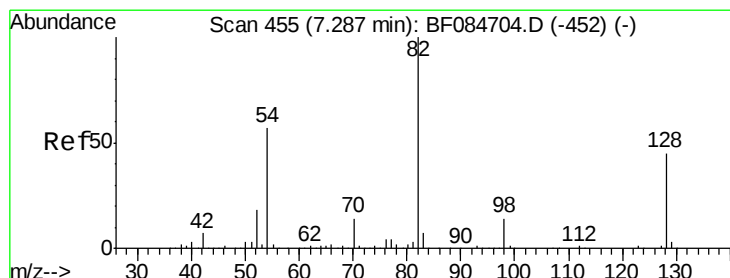
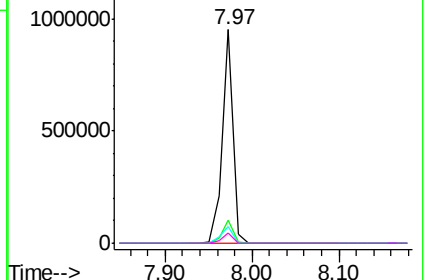
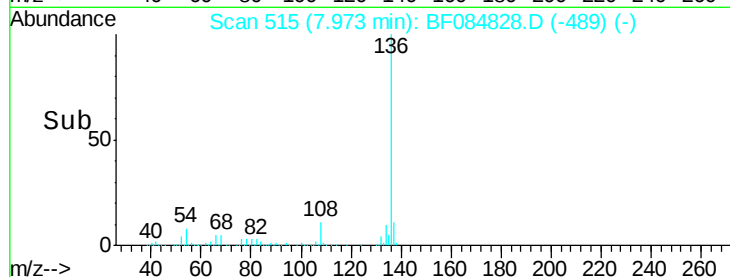


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.49 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF084828.D

Acq: 4 Feb 2016 11:37

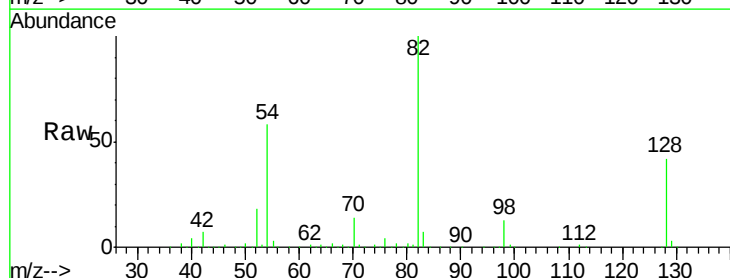
Tgt Ion: 82 Resp: 1131418

Ion Ratio Lower Upper

82 100

128 42.2 34.6 51.8

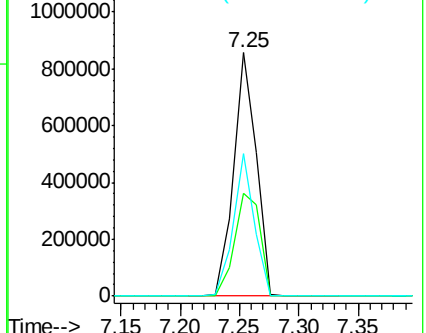
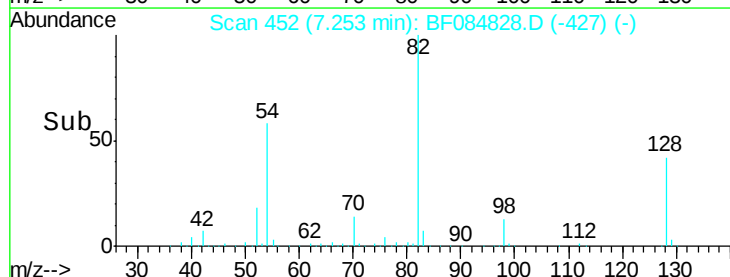
54 58.4 38.4 57.6#

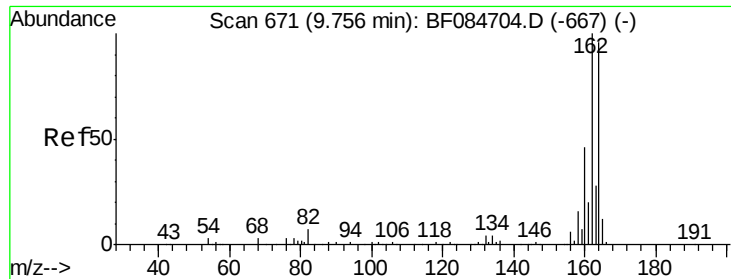


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF084828.D

Acq: 4 Feb 2016 11:37

Instrument :

BNA_F

ClientSampled :

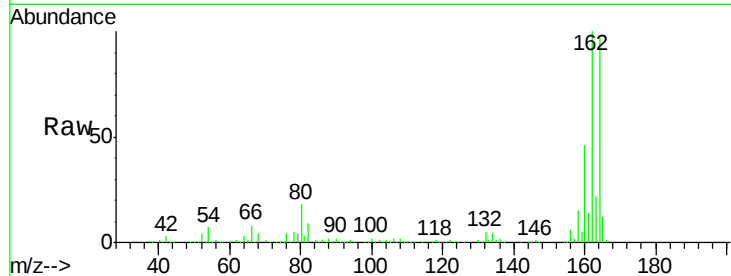
Tot Ion:164 Resp: 352959

Ion Ratio Lower Upper

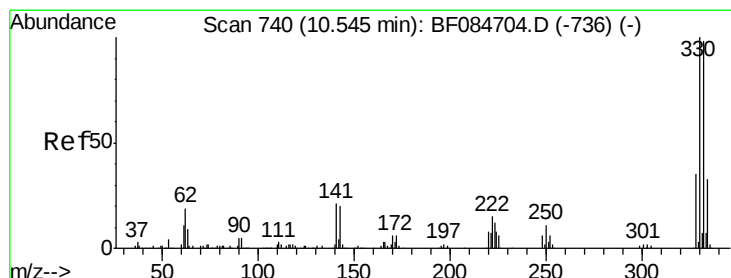
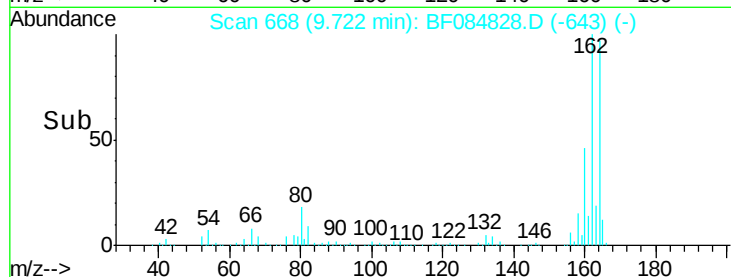
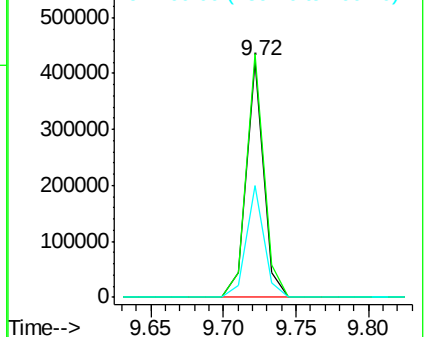
164 100

162 103.0 85.1 127.7

160 47.3 37.5 56.3



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: 109.02 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF084828.D

Acq: 4 Feb 2016 11:37

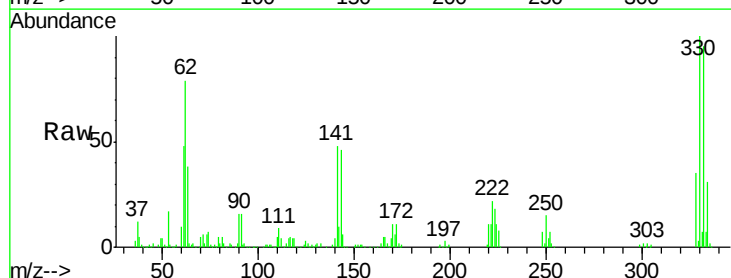
Tgt Ion:330 Resp: 401391

Ion Ratio Lower Upper

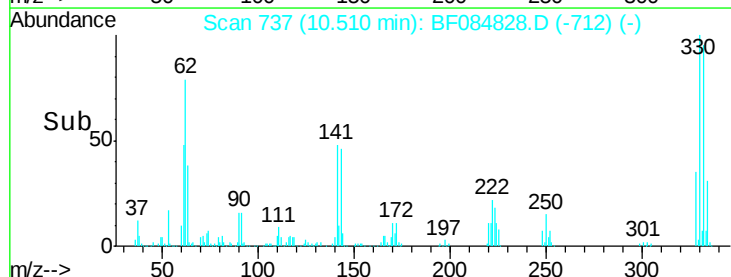
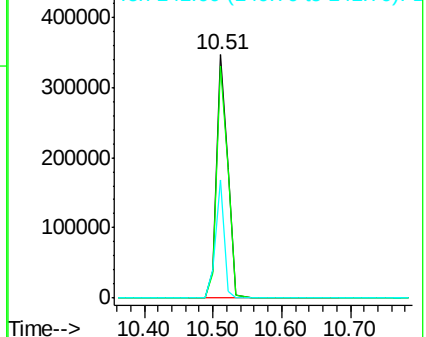
330 100

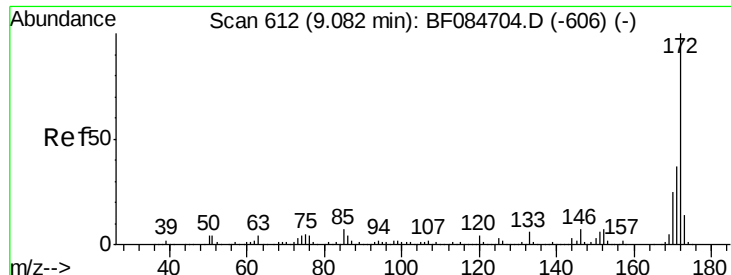
332 96.3 76.6 114.8

141 38.1 27.8 41.6



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

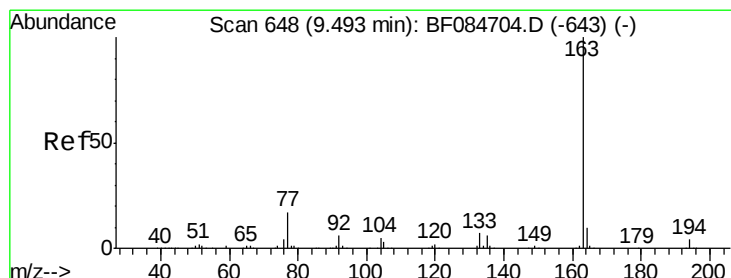
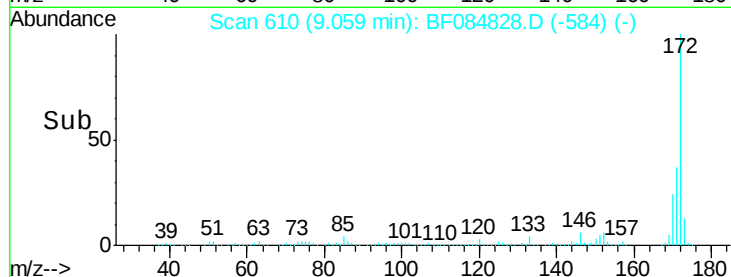
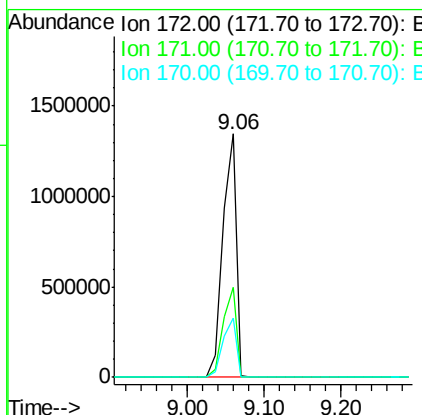
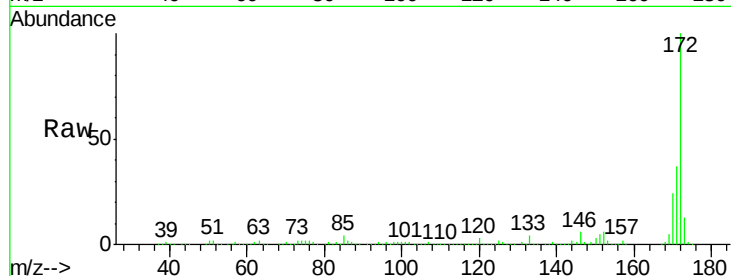




#44
2-Fluorobiphenyl
Concen: 76.88 ng
RT: 9.06 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF084828.D
Acq: 4 Feb 2016 11:37

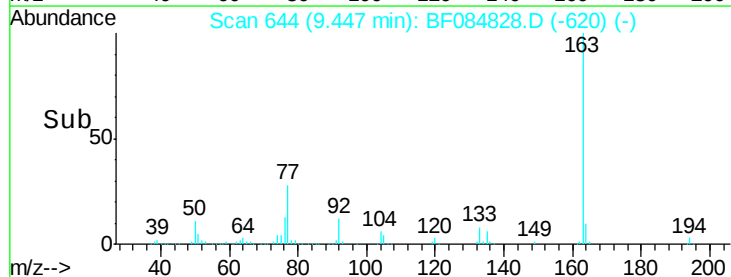
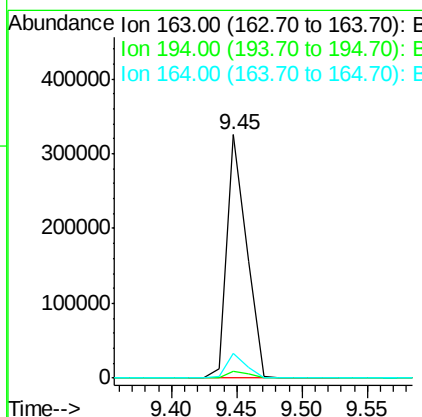
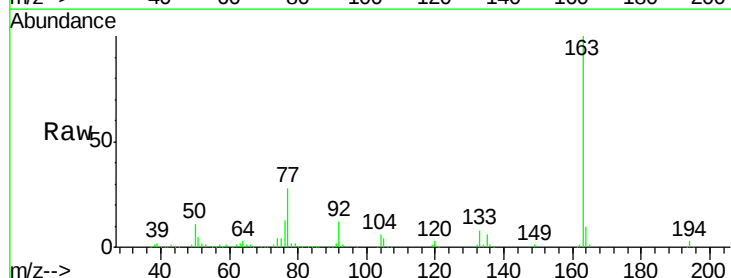
Instrument :
BNA_F
ClientSampleId :

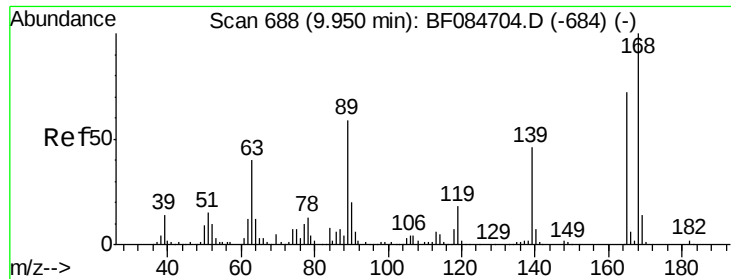
Tot Ion:172 Resp: 1663885
Ion Ratio Lower Upper
172 100
171 36.9 28.9 43.3
170 24.4 18.6 27.8



#49
Dimethylphthalate
Concen: 12.70 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF084828.D
Acq: 4 Feb 2016 11:37

Tgt Ion:163 Resp: 341363
Ion Ratio Lower Upper
163 100
194 2.8 8.0 12.0#
164 10.4 8.0 12.0

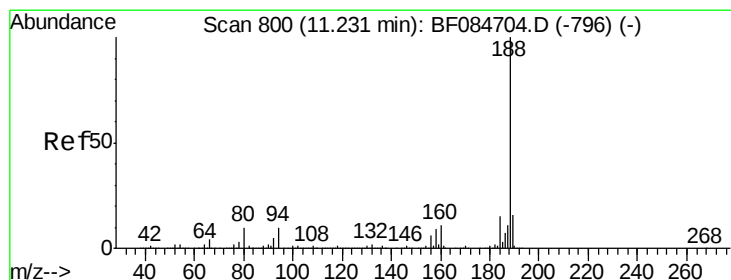
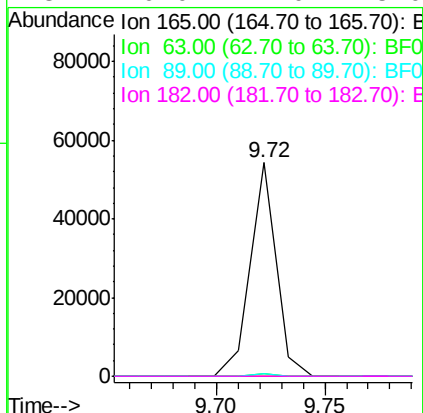
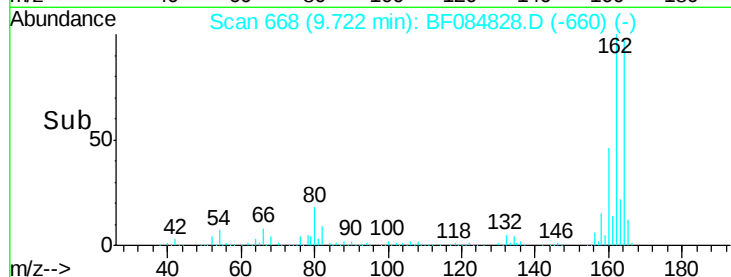
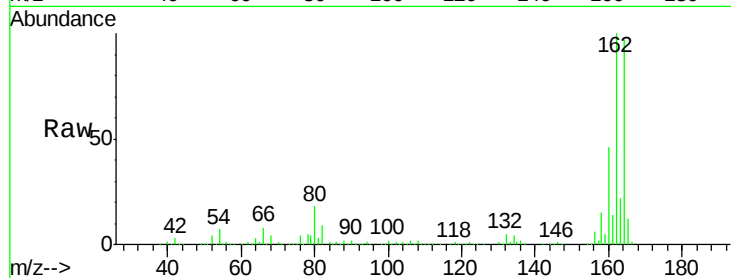




#56
2,4-Dinitrotoluene
Concen: 6.04 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.21 min
Lab File: BF084828.D
Acq: 4 Feb 2016 11:37

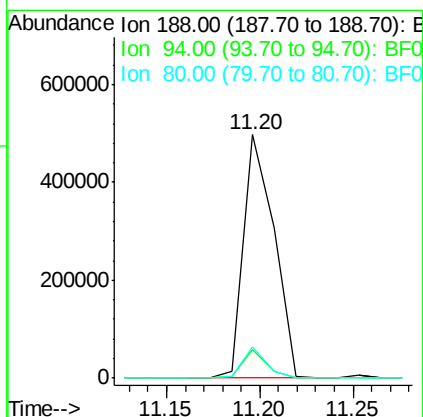
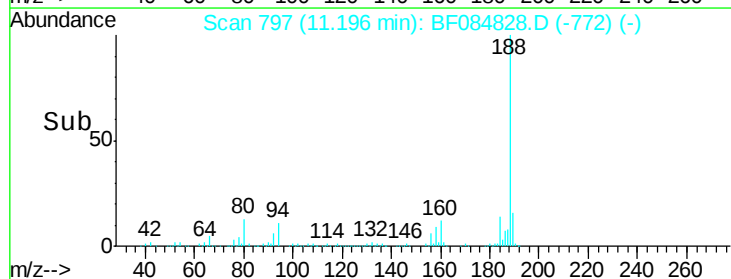
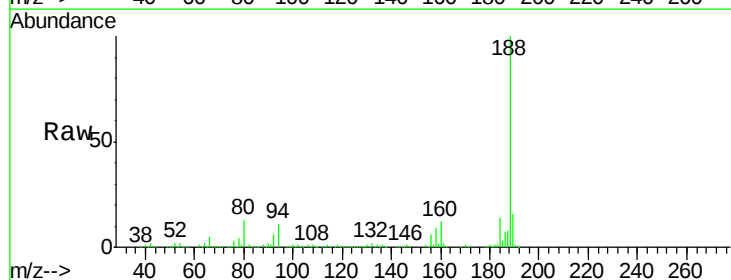
Instrument :
BNA_F
ClientSampleId :

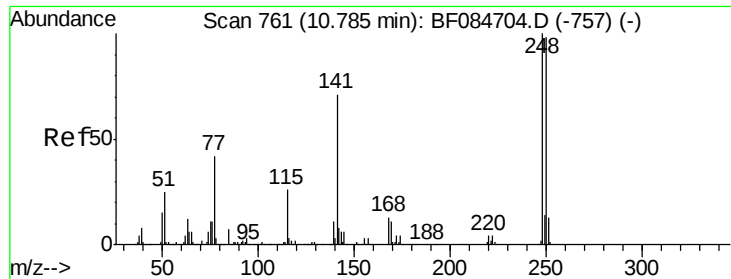
Tot Ion:165 Resp: 45216
Ion Ratio Lower Upper
165 100
63 1.0 36.7 55.1#
89 1.1 61.9 92.9#
182 0.0 2.0 3.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF084828.D
Acq: 4 Feb 2016 11:37

Tgt Ion:188 Resp: 565666
Ion Ratio Lower Upper
188 100
94 11.5 9.0 13.4
80 12.7 9.6 14.4

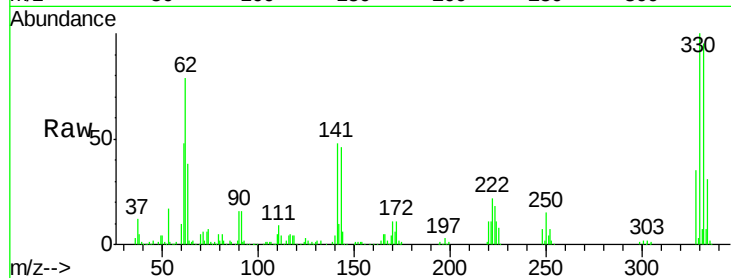




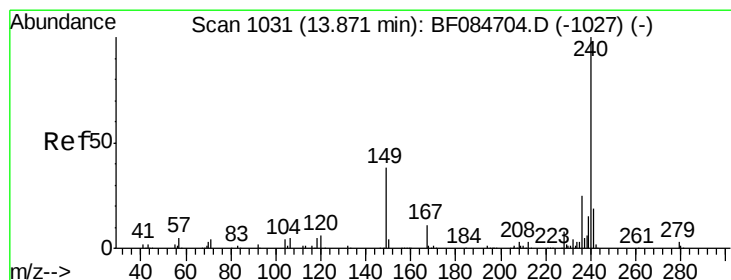
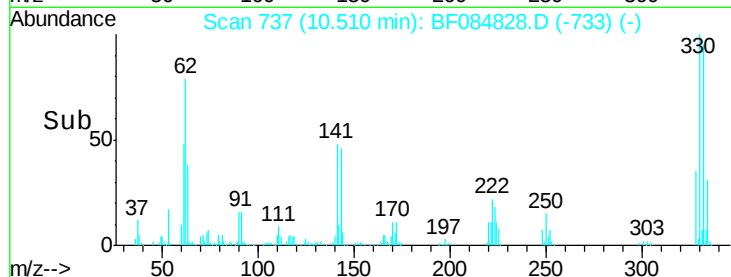
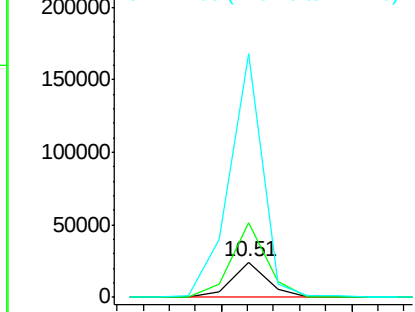
#66
4-Bromophenyl-phenylether
Concen: 3.73 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.25 min
Lab File: BF084828.D
Acq: 4 Feb 2016 11:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 23297
Ion Ratio Lower Upper
248 100
250 211.1 78.4 117.6#
141 689.2 44.0 66.0#

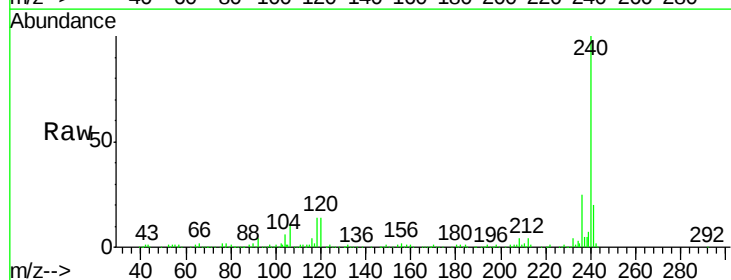


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

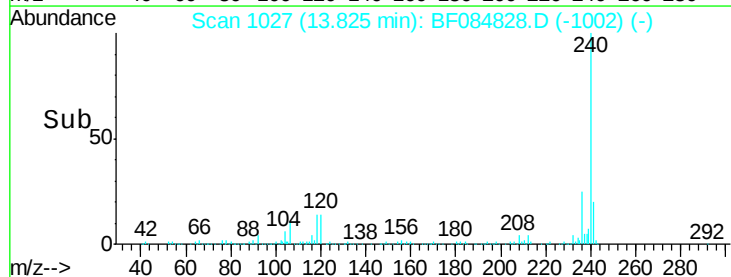
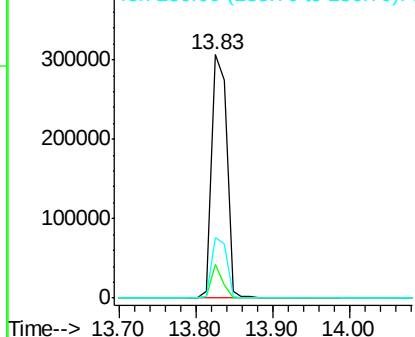


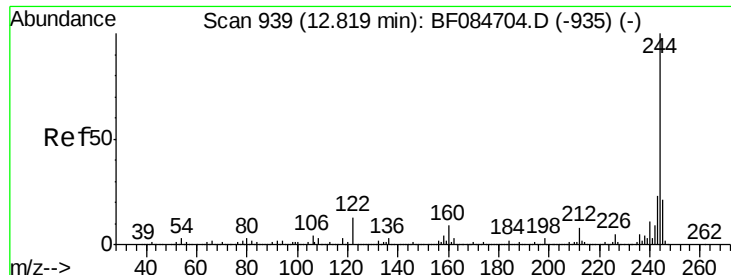
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF084828.D
Acq: 4 Feb 2016 11:37

Tgt Ion:240 Resp: 416534
Ion Ratio Lower Upper
240 100
120 13.7 9.5 14.3
236 25.0 20.6 31.0



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

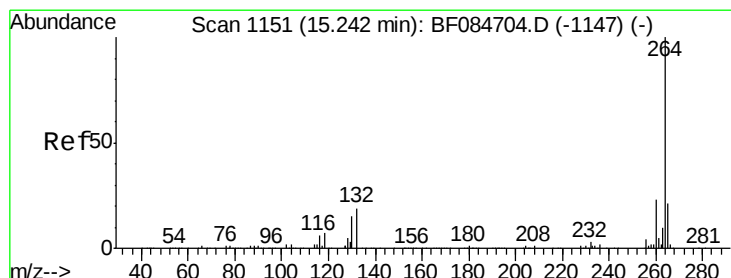
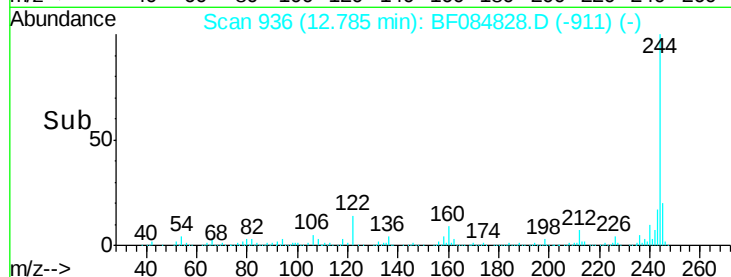
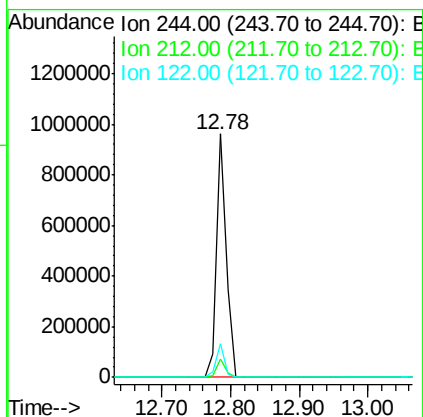
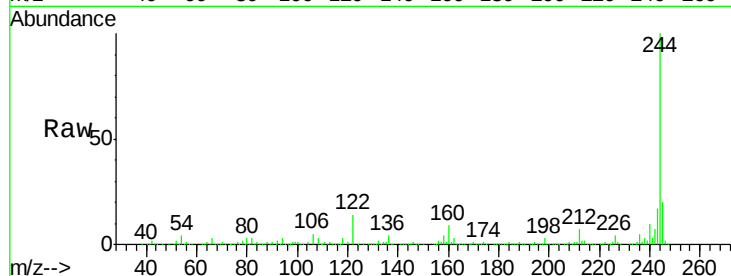




#78
 Terphenyl-d14
 Concen: 52.70 ng
 RT: 12.78 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF084828.D
 Acq: 4 Feb 2016 11:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 968626
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 13.9 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BF084828.D
 Acq: 4 Feb 2016 11:37

Tgt Ion:264 Resp: 373816
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 22.7 17.8 26.6

