

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020316\
 Data File : BF084819.D
 Acq On : 4 Feb 2016 7:24
 Operator : SJ/IZ
 Sample : H1322-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B016(21-23)

Quant Time: Feb 04 07:53:36 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

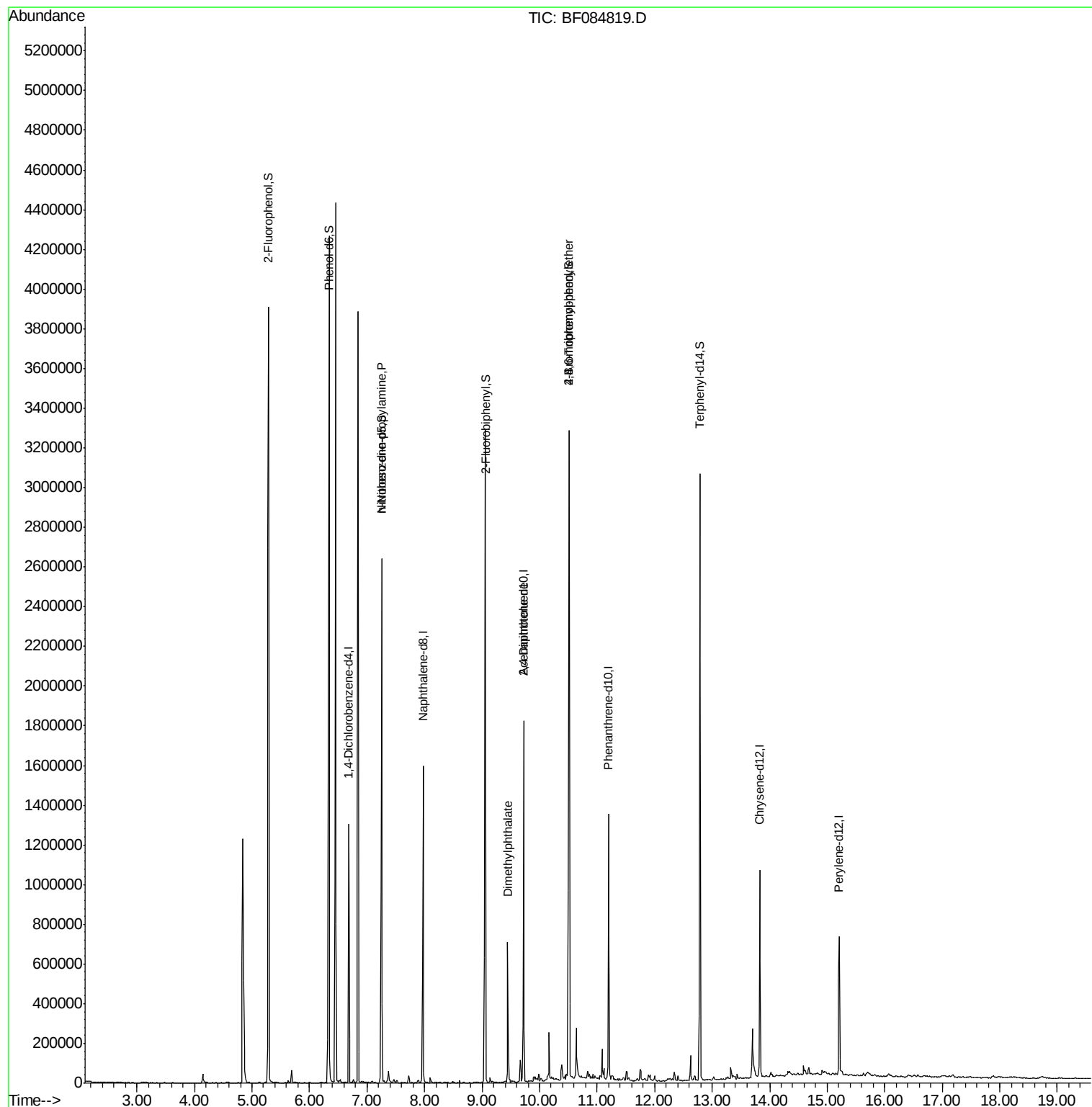
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	176027	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	765462	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	345714	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	584311	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	431656	20.00	ng	-0.01
86) Perylene-d12	15.21	264	345209	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1337341	118.34	ng	0.01
7) Phenol-d6	6.34	99	1603569	114.46	ng	0.00
23) Nitrobenzene-d5	7.25	82	931657	68.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	367115	101.80	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1612125	75.70	ng	0.00
78) Terphenyl-d14	12.79	244	1287310	67.58	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	125748	14.32	ng	# 71
49) Dimethylphthalate	9.45	163	278431	10.57	ng	# 90
56) 2,4-Dinitrotoluene	9.72	165	45892	6.26	ng	# 21
66) 4-Bromophenyl-phenylether	10.51	248	23611	3.66	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: 6.68 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF084819.D

Acq: 4 Feb 2016 7:24

Instrument :

BNA_F

ClientSampleId :

S4-B016(21-23)

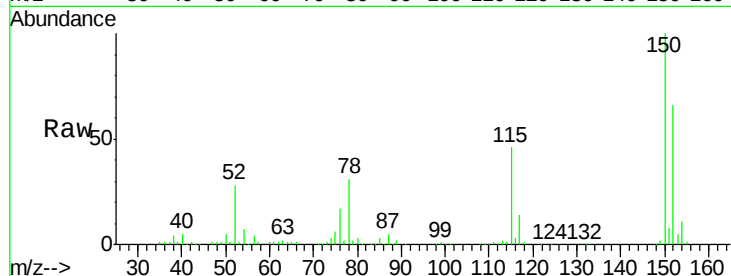
Tgt Ion:152 Resp: 176027

Ion Ratio Lower Upper

152 100

150 151.7 123.0 184.4

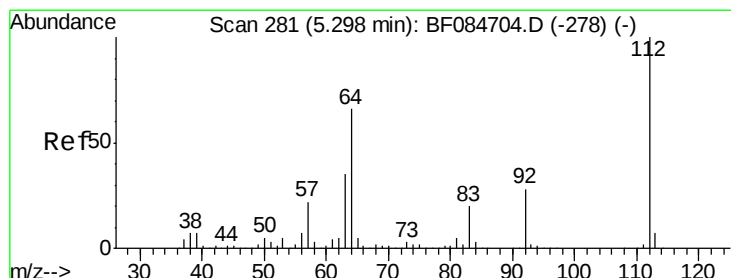
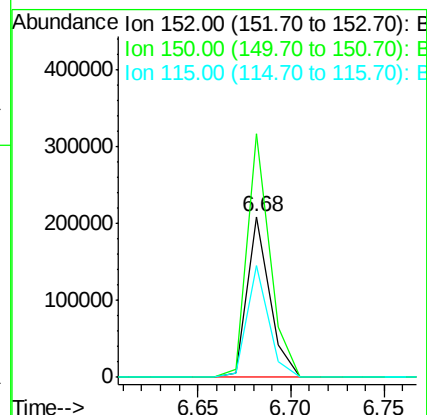
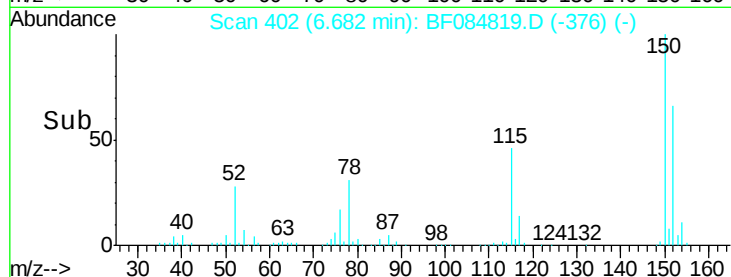
115 70.0 51.4 77.2



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: 118.34 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: BF084819.D

Acq: 4 Feb 2016 7:24

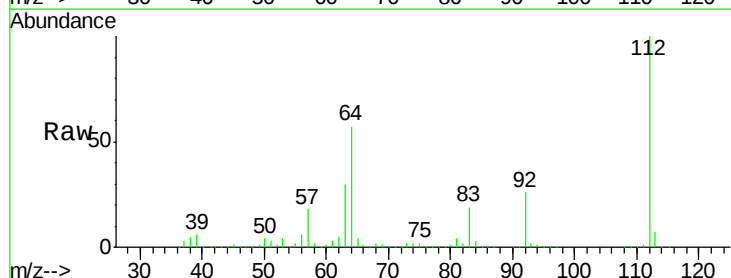
Tgt Ion:112 Resp: 1337341

Ion Ratio Lower Upper

112 100

64 56.9 36.6 55.0#

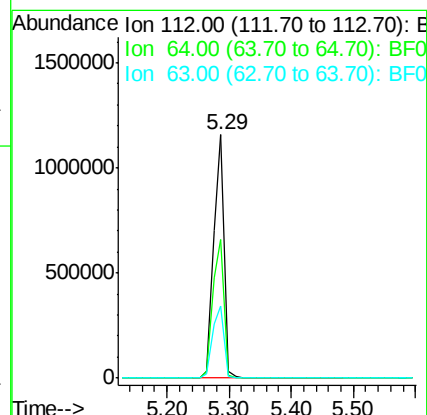
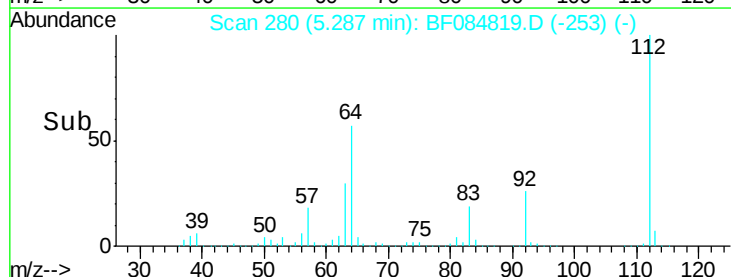
63 29.7 19.4 29.0#

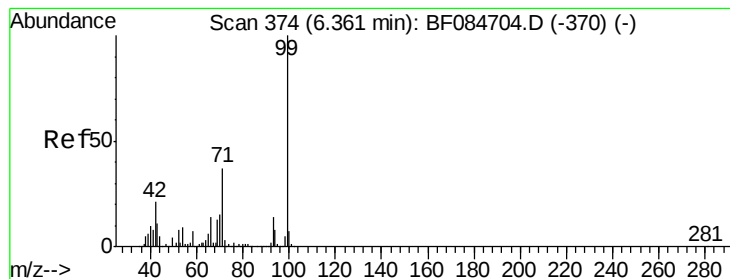


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.46 ng

RT: 6.34 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF084819.D

Acq: 4 Feb 2016 7:24

Instrument :

BNA_F

ClientSampleId :

S4-B016(21-23)

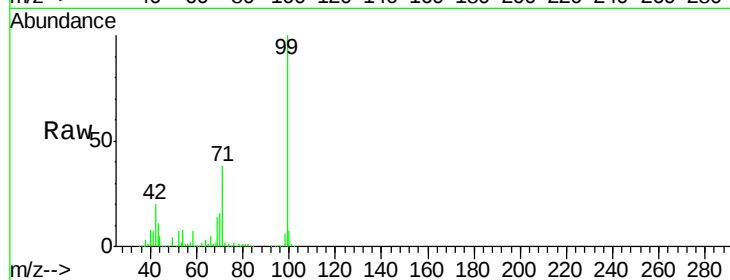
Tgt Ion: 99 Resp: 1603569

Ion Ratio Lower Upper

99 100

42 20.3 12.8 19.2#

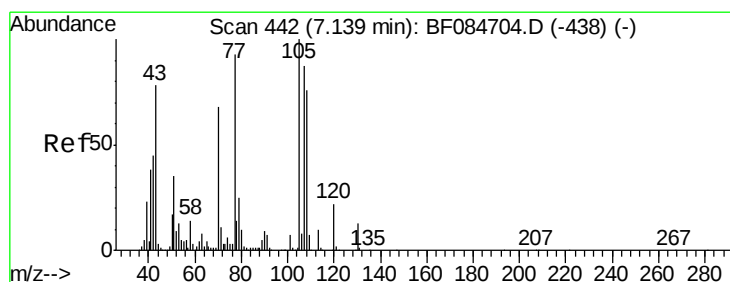
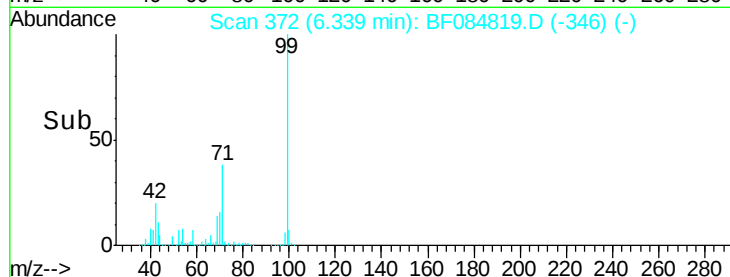
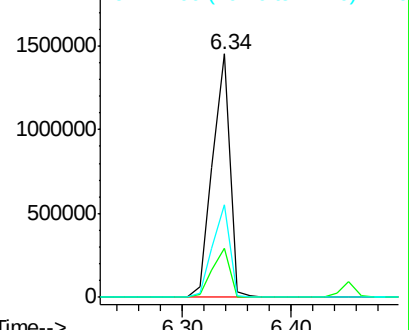
71 37.9 30.9 46.3



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: 14.32 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.14 min

Lab File: BF084819.D

Acq: 4 Feb 2016 7:24

Tgt Ion: 70 Resp: 125748

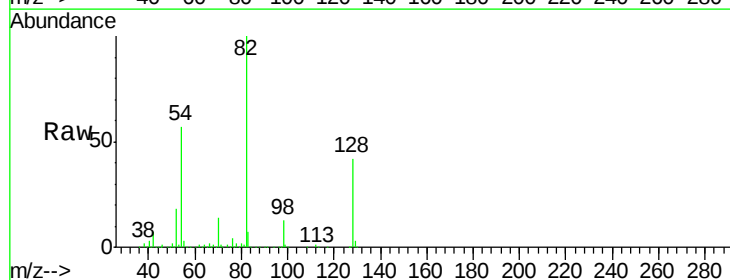
Ion Ratio Lower Upper

70 100

42 49.4 33.3 49.9

101 0.0 9.3 13.9#

130 2.0 23.4 35.0#

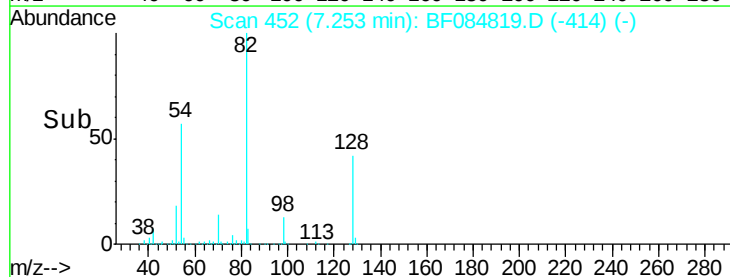
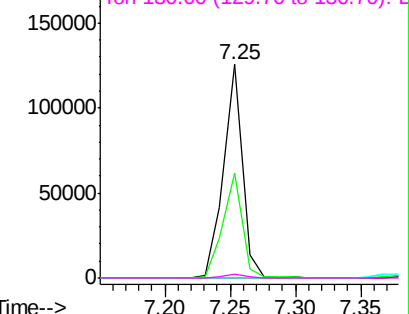


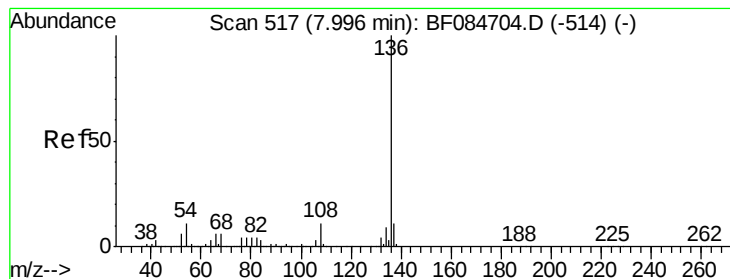
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF084819.D

Acq: 4 Feb 2016 7:24

Instrument :

BNA_F

ClientSampleId :

S4-B016(21-23)

Tgt Ion: 136 Resp: 765462

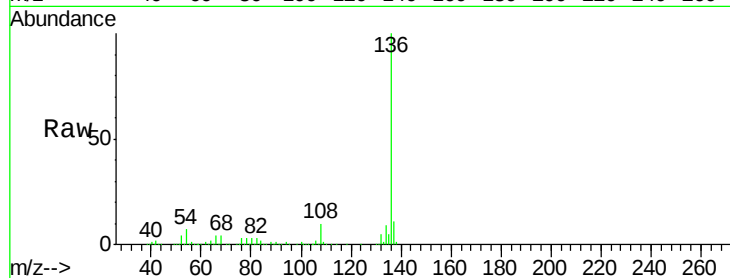
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.3 5.8 8.8

68 4.4 4.2 6.2

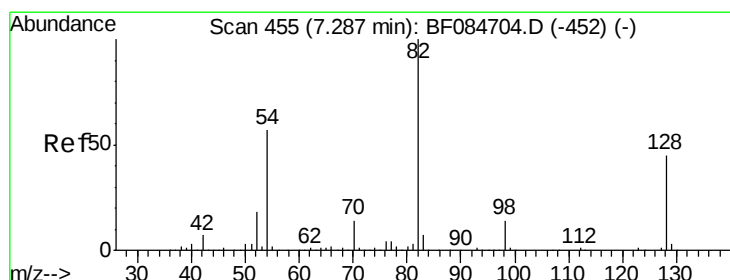
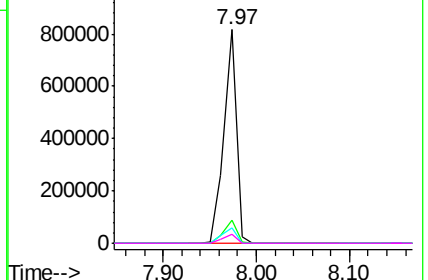
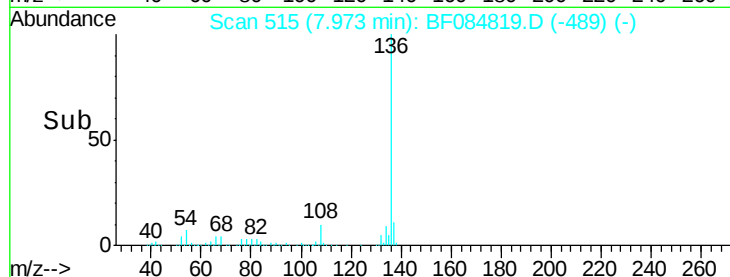


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.56 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF084819.D

Acq: 4 Feb 2016 7:24

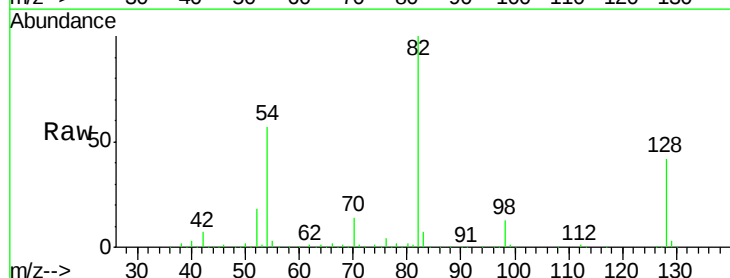
Tgt Ion: 82 Resp: 931657

Ion Ratio Lower Upper

82 100

128 42.3 34.6 51.8

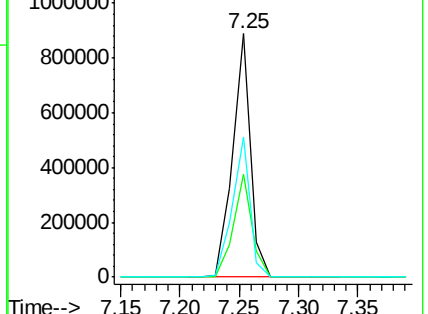
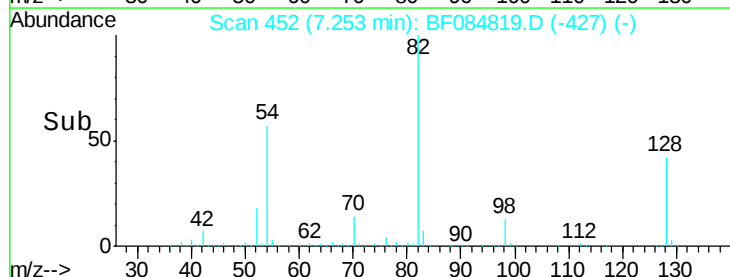
54 57.4 38.4 57.6

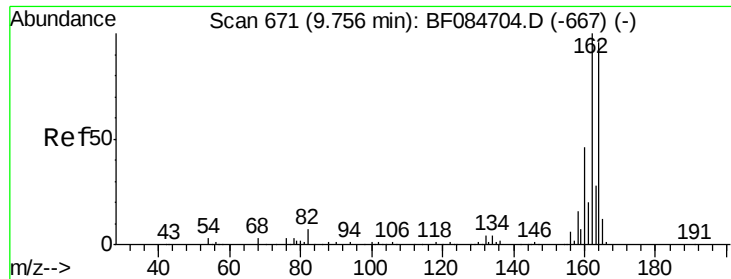


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

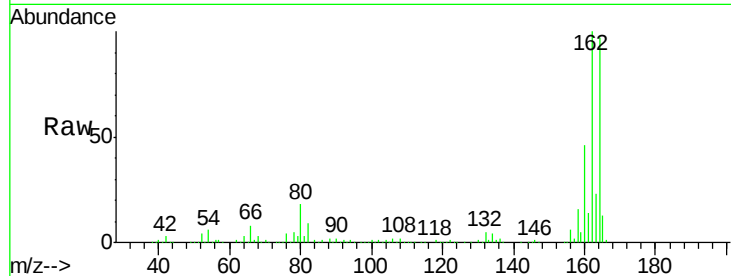




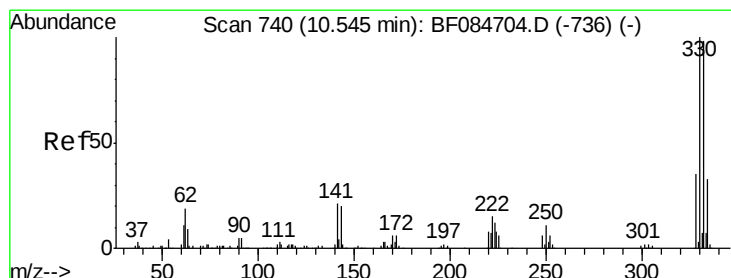
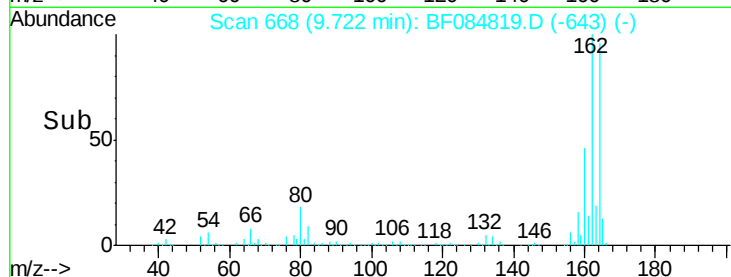
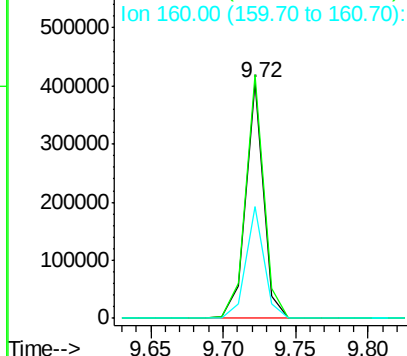
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF084819.D
Acq: 4 Feb 2016 7:24

Instrument :
BNA_F
ClientSampleId :
S4-B016(21-23)

Tgt Ion:164 Resp: 345714
Ion Ratio Lower Upper
164 100
162 103.3 85.1 127.7
160 47.2 37.5 56.3

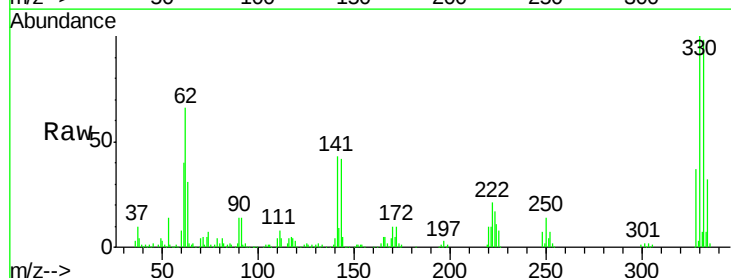


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

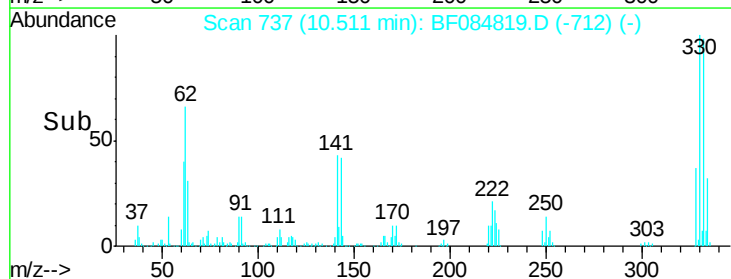
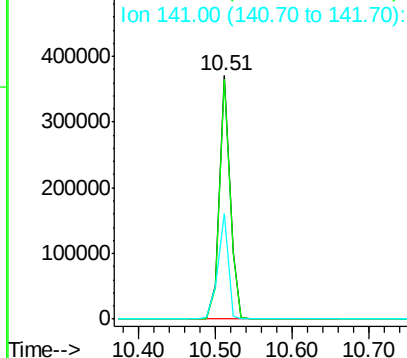


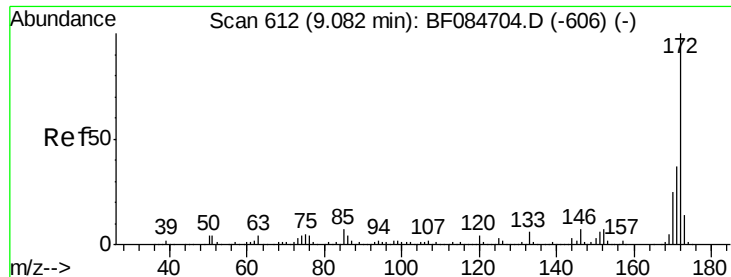
#41
2,4,6-Tribromophenol
Concen: 101.80 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF084819.D
Acq: 4 Feb 2016 7:24

Tgt Ion:330 Resp: 367115
Ion Ratio Lower Upper
330 100
332 97.8 76.6 114.8
141 41.3 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

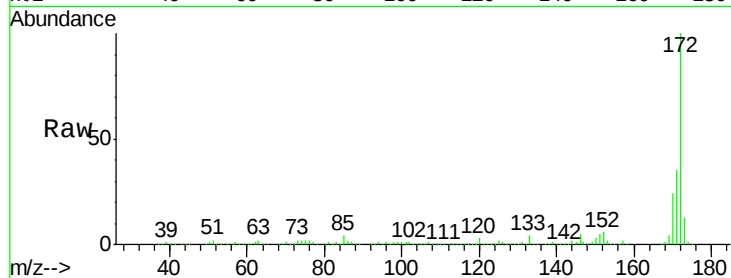




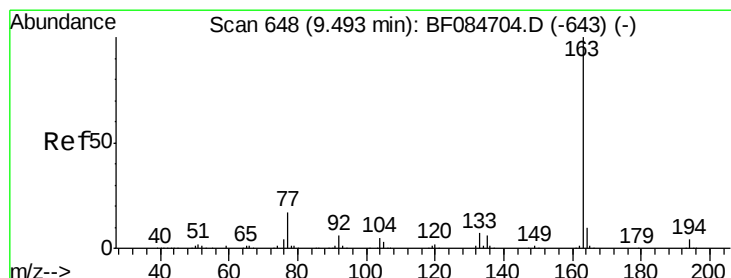
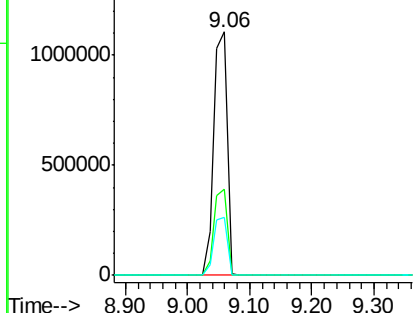
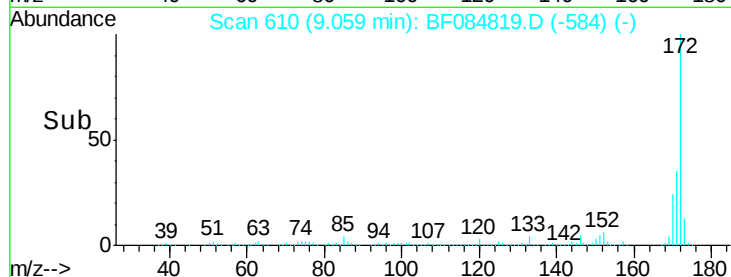
#44
 2-Fluorobiphenyl
 Concen: 75.70 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF084819.D
 Acq: 4 Feb 2016 7:24

Instrument :
 BNA_F
 ClientSampleId :
 S4-B016(21-23)

Tgt Ion:172 Resp: 1612125
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.9 43.3
 170 23.9 18.6 27.8

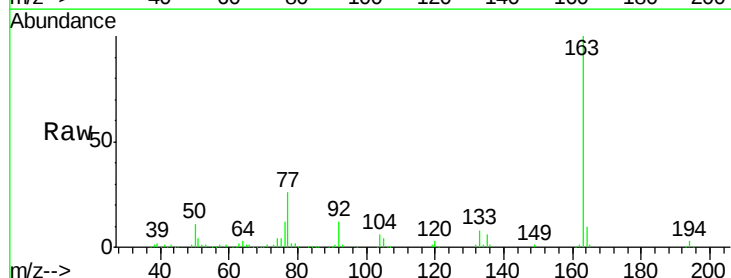


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

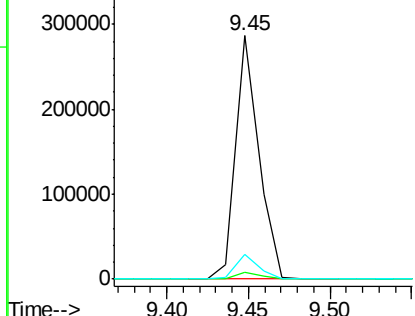
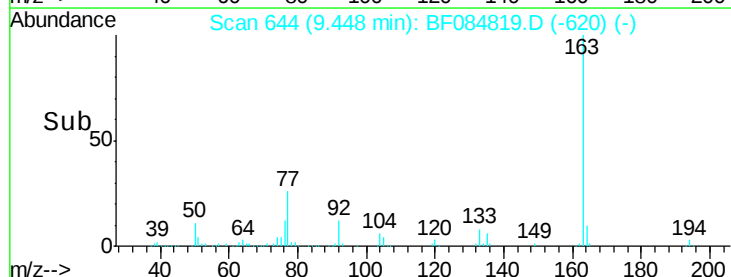


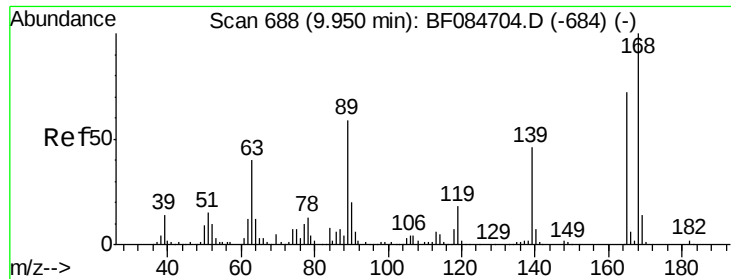
#49
 Dimethylphthalate
 Concen: 10.57 ng
 RT: 9.45 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF084819.D
 Acq: 4 Feb 2016 7:24

Tgt Ion:163 Resp: 278431
 Ion Ratio Lower Upper
 163 100
 194 2.7 8.0 12.0#
 164 10.3 8.0 12.0



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

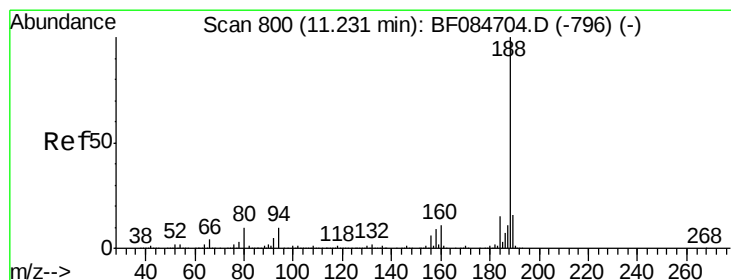
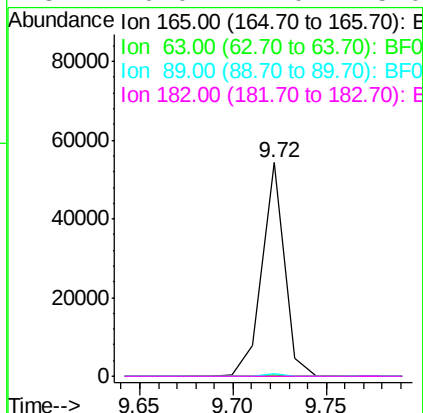
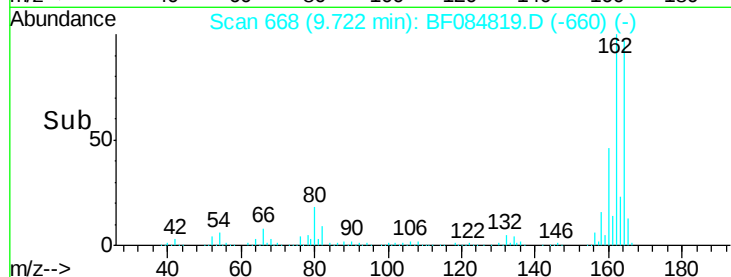
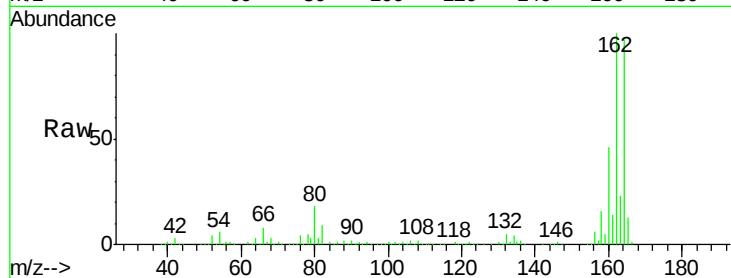




#56
 2,4-Dinitrotoluene
 Concen: 6.26 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.21 min
 Lab File: BF084819.D
 Acq: 4 Feb 2016 7:24

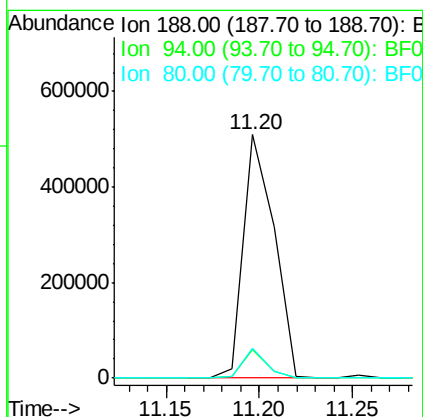
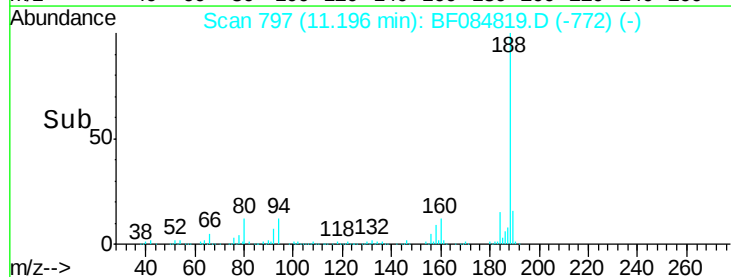
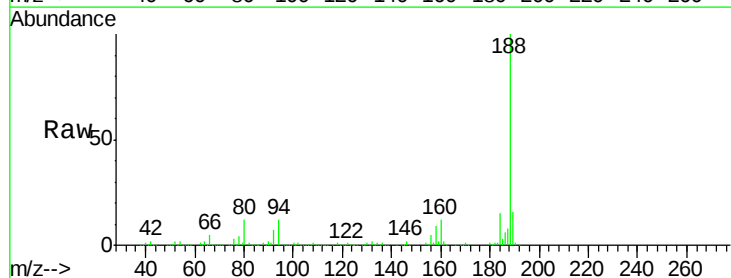
Instrument :
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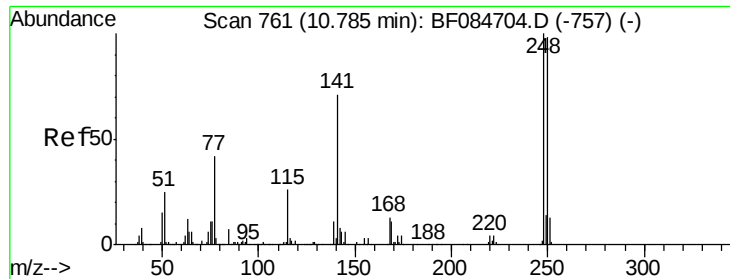
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	36.7	55.1#
89	1.3	61.9	92.9#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF084819.D
 Acq: 4 Feb 2016 7:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.0	13.4
80	12.5	9.6	14.4

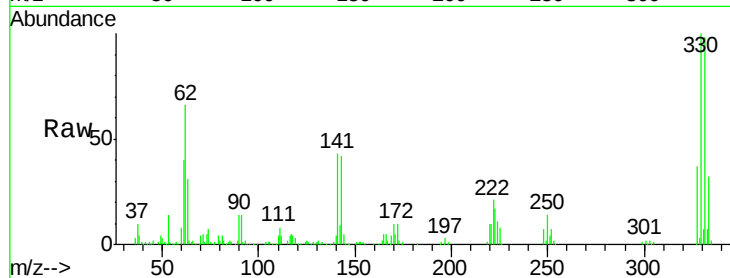




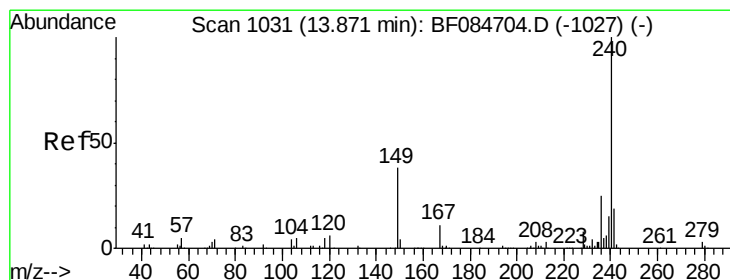
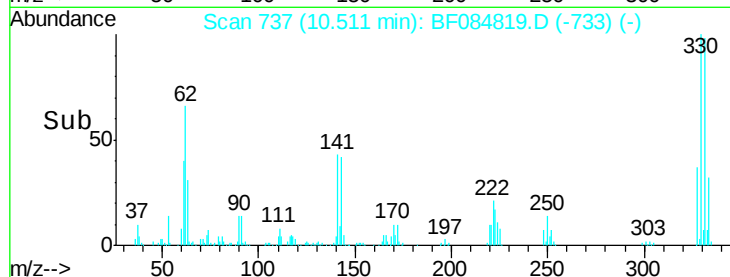
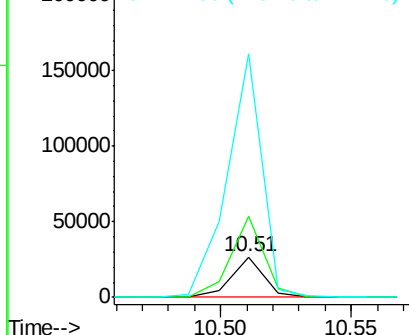
#66
4-Bromophenyl-phenylether
Concen: 3.66 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.25 min
Lab File: BF084819.D
Acq: 4 Feb 2016 7:24

Instrument :
BNA_F
ClientSampleId :
S4-B016(21-23)

Tgt Ion:248 Resp: 23611
Ion Ratio Lower Upper
248 100
250 198.7 78.4 117.6#
141 600.7 44.0 66.0#

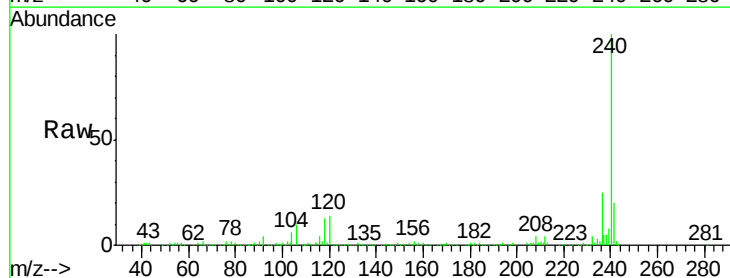


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

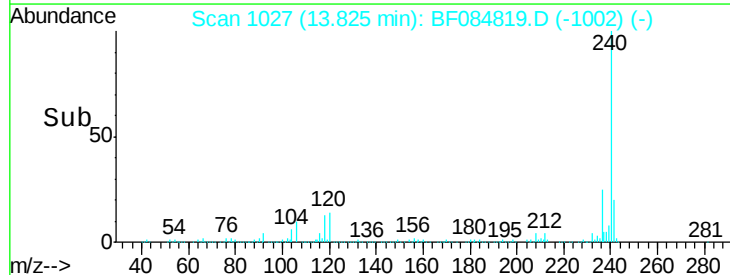
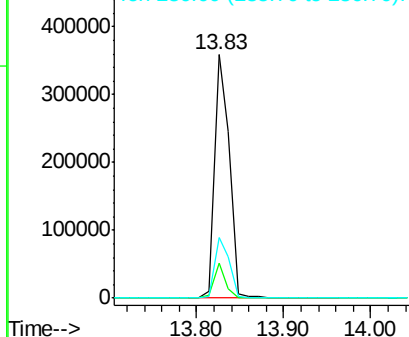


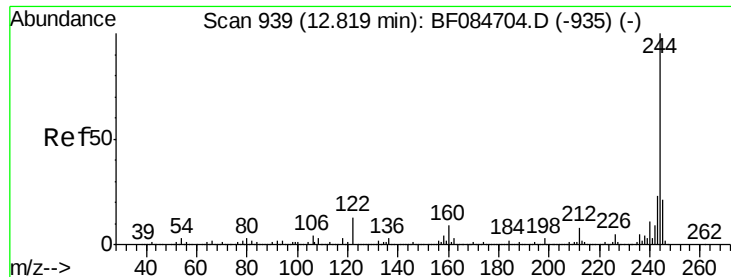
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF084819.D
Acq: 4 Feb 2016 7:24

Tgt Ion:240 Resp: 431656
Ion Ratio Lower Upper
240 100
120 14.4 9.5 14.3#
236 25.1 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: 67.58 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF084819.D

Acq: 4 Feb 2016 7:24

Instrument :

BNA_F

ClientSampleId :

S4-B016(21-23)

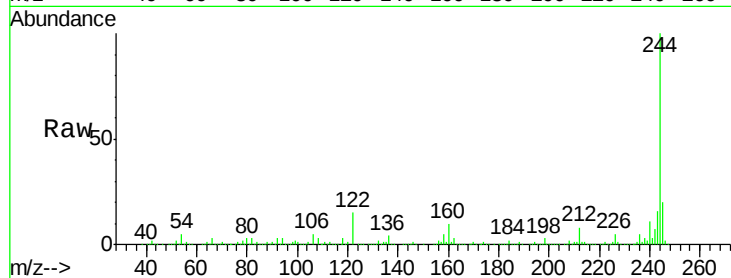
Tgt Ion:244 Resp: 1287310

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

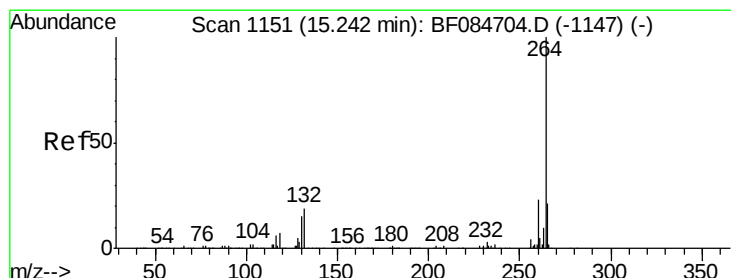
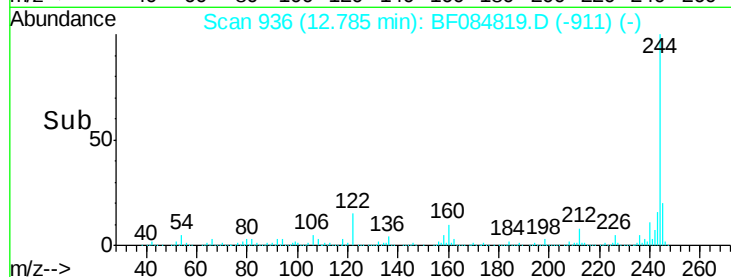
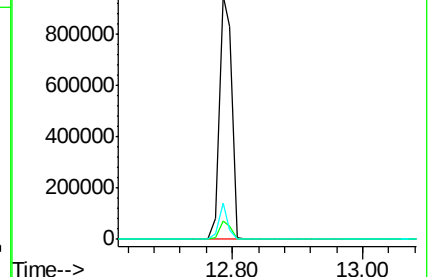
122 15.0 7.4 11.0#



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: 15.21 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF084819.D

Acq: 4 Feb 2016 7:24

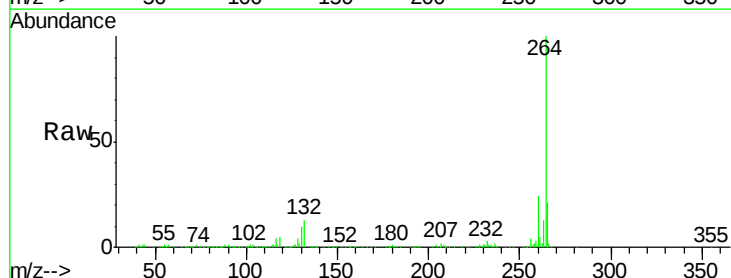
Tgt Ion:264 Resp: 345209

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 21.0 17.8 26.6



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

