

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020316\
 Data File : BF084818.D
 Acq On : 4 Feb 2016 6:56
 Operator : SJ/IZ
 Sample : H1322-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B016(17-19)

Quant Time: Feb 04 07:25:14 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

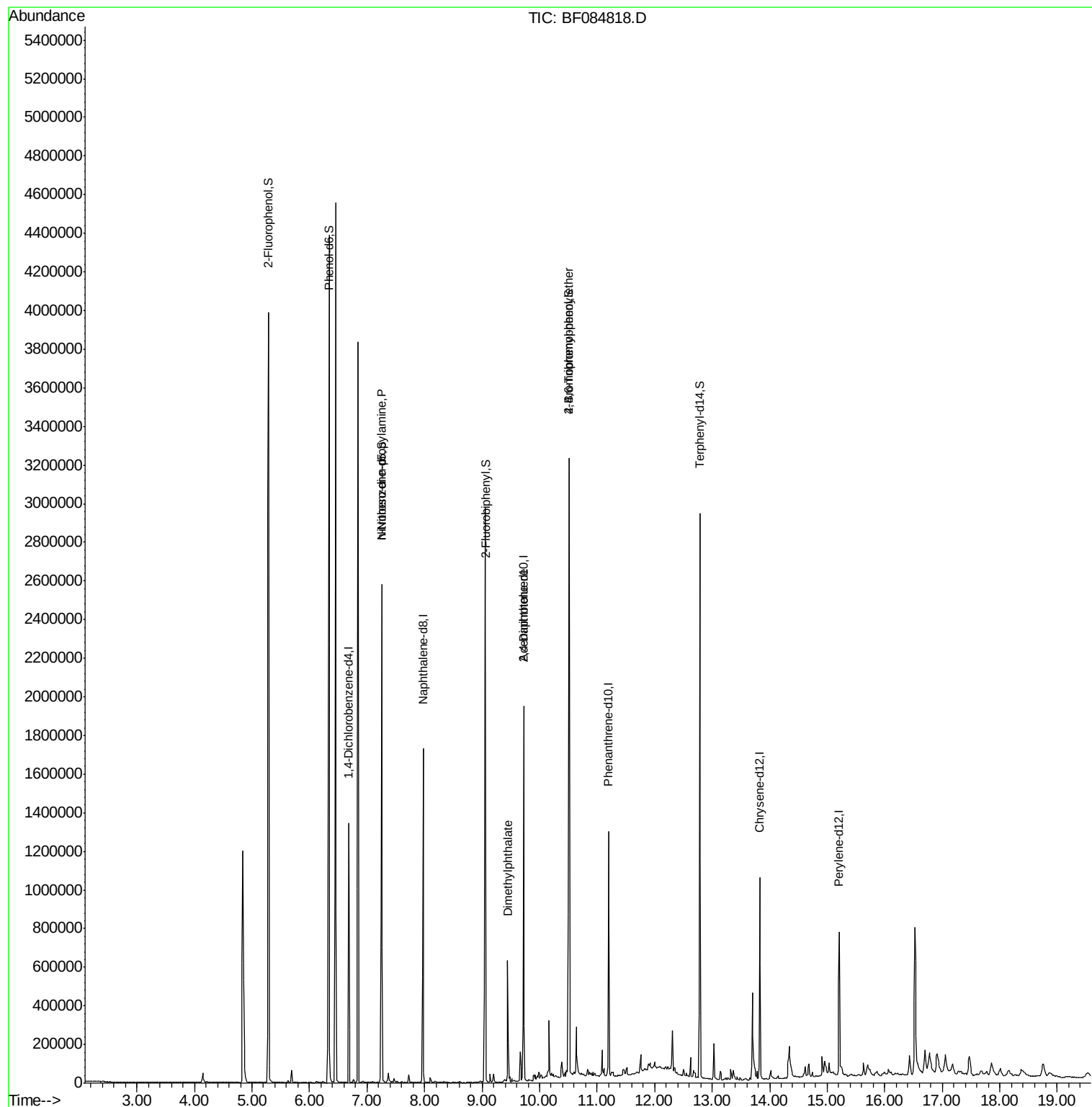
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	182455	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	800088	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	360173	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	602167	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	440071	20.00	ng	-0.01
86) Perylene-d12	15.21	264	354878	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1419109	121.15	ng	0.01
7) Phenol-d6	6.34	99	1630683	112.29	ng	0.00
23) Nitrobenzene-d5	7.25	82	961562	67.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	358424	95.40	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1397626	59.12	ng	0.00
78) Terphenyl-d14	12.79	244	1006765	51.84	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	129088	14.18	ng	# 70
49) Dimethylphthalate	9.45	163	242523	8.84	ng	# 89
56) 2,4-Dinitrotoluene	9.72	165	46065	6.03	ng	# 22
66) 4-Bromophenyl-phenylether	10.51	248	22975	3.45	ng	# 1

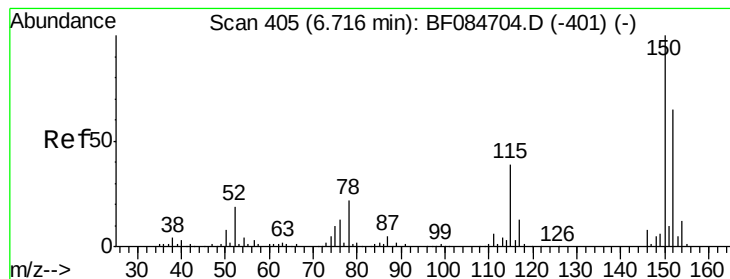
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF084818.D

Acq: 4 Feb 2016 6:56

Instrument :

BNA_F

ClientSampleId :

S4-B016(17-19)

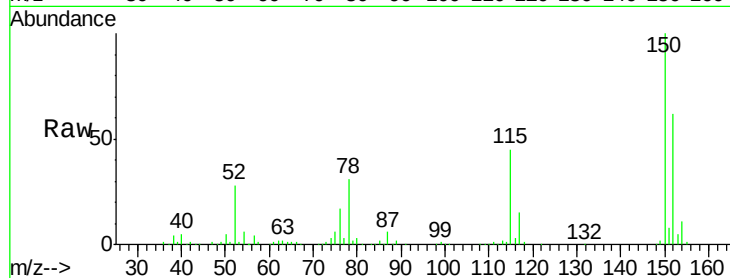
Tgt Ion:152 Resp: 182455

Ion Ratio Lower Upper

152 100

150 160.3 123.0 184.4

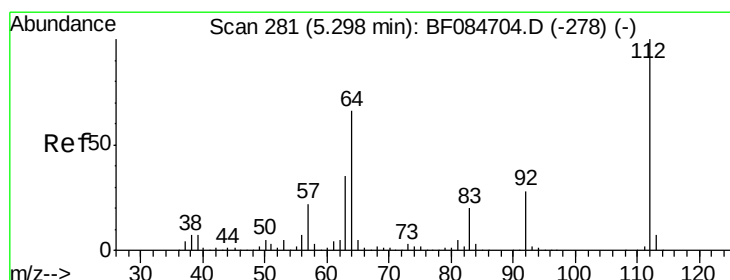
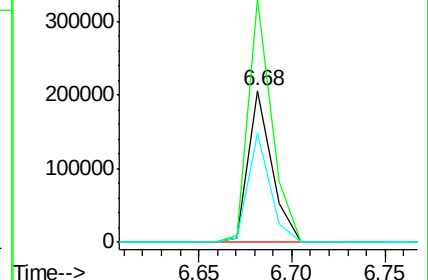
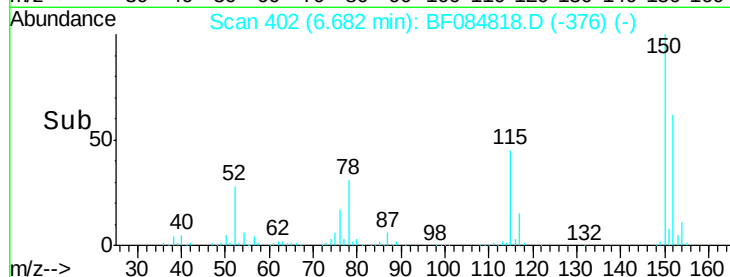
115 72.2 51.4 77.2



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: 121.15 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: BF084818.D

Acq: 4 Feb 2016 6:56

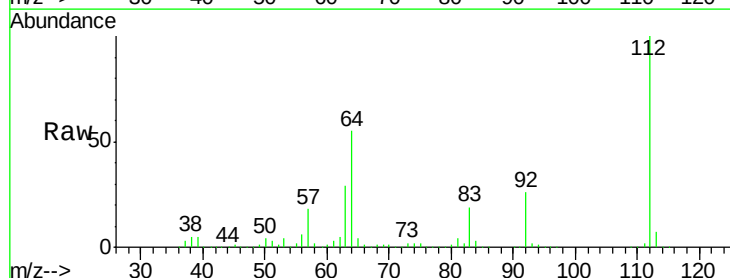
Tgt Ion:112 Resp: 1419109

Ion Ratio Lower Upper

112 100

64 55.4 36.6 55.0#

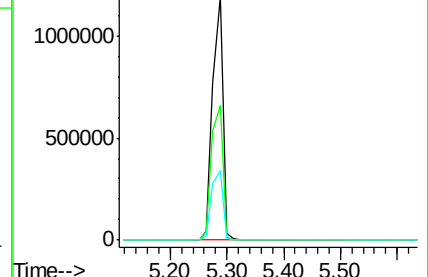
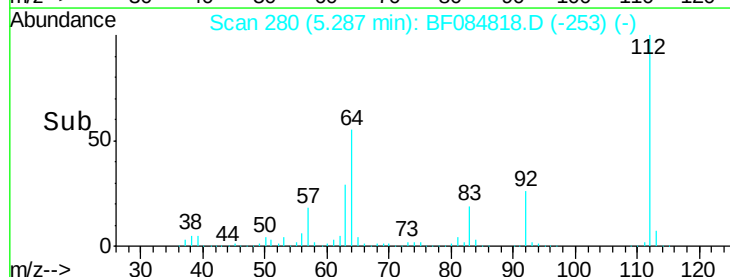
63 28.7 19.4 29.0

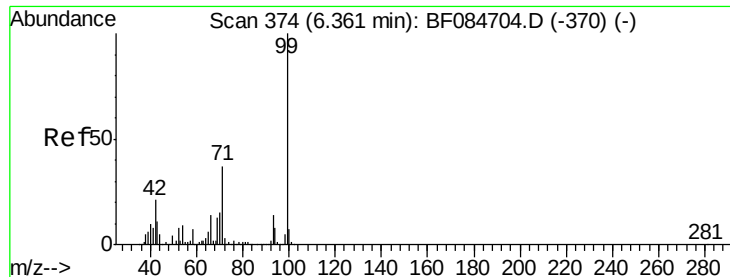


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.29 ng

RT: 6.34 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF084818.D

Acq: 4 Feb 2016 6:56

Instrument :

BNA_F

ClientSampleId :

S4-B016(17-19)

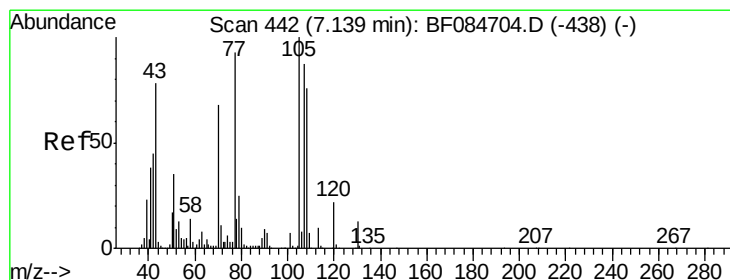
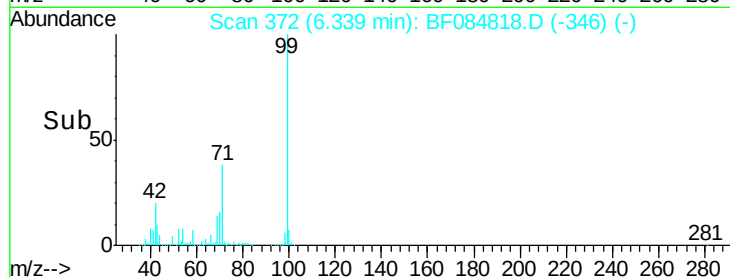
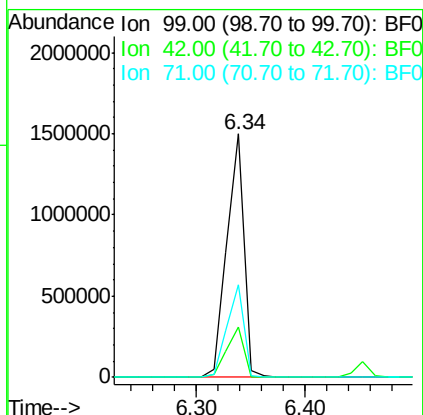
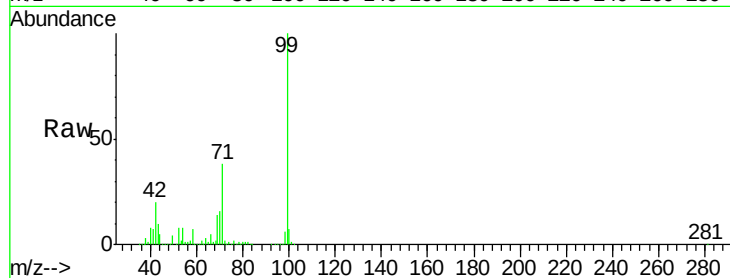
Tgt Ion: 99 Resp: 1630683

Ion Ratio Lower Upper

99 100

42 20.4 12.8 19.2#

71 37.9 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.18 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.14 min

Lab File: BF084818.D

Acq: 4 Feb 2016 6:56

Tgt Ion: 70 Resp: 129088

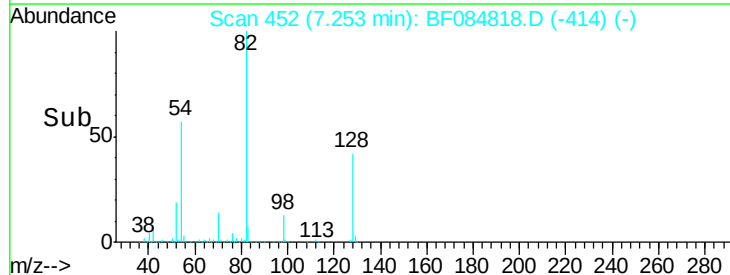
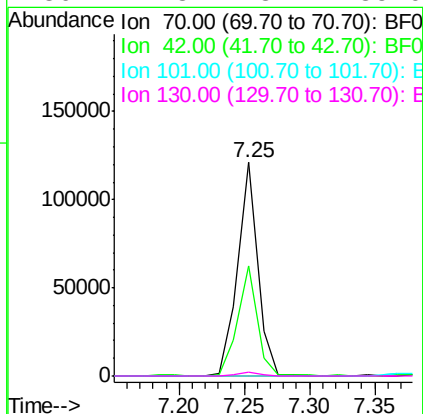
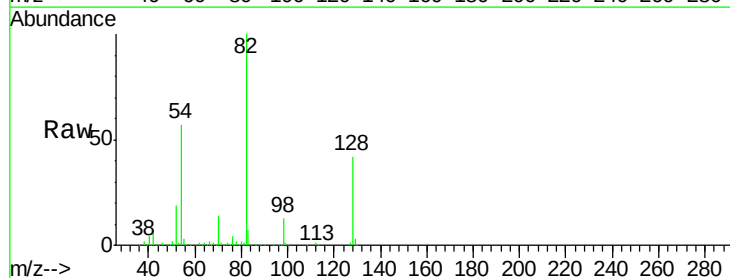
Ion Ratio Lower Upper

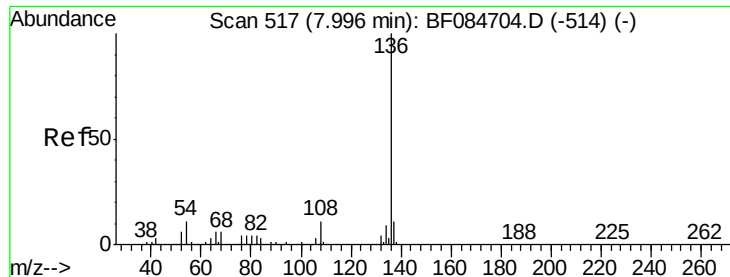
70 100

42 51.8 33.3 49.9#

101 0.0 9.3 13.9#

130 1.8 23.4 35.0#

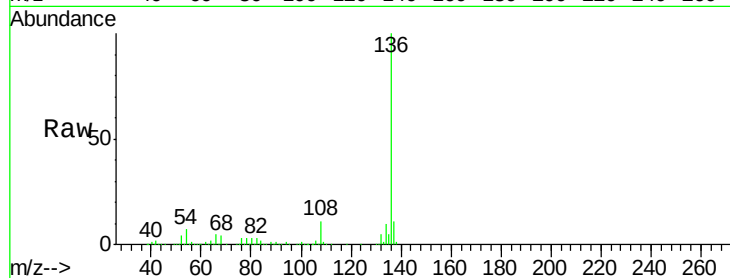




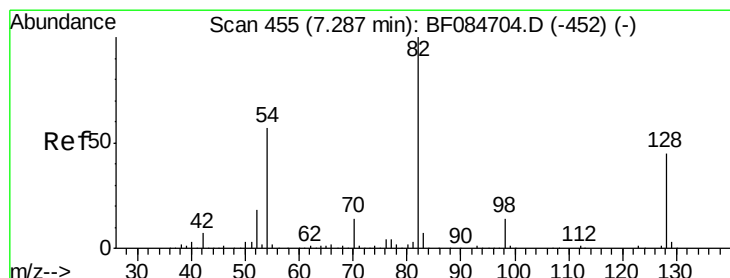
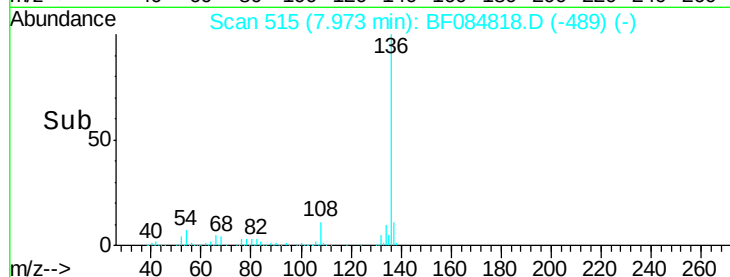
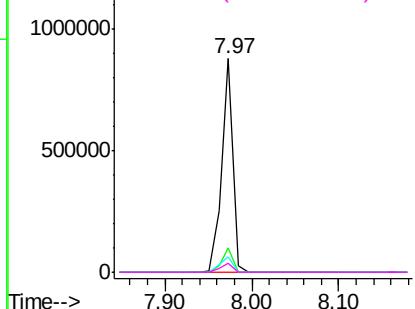
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF084818.D
Acq: 4 Feb 2016 6:56

Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)

Tgt Ion:	136	Resp:	800088
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	7.3	5.8	8.8
68	4.5	4.2	6.2

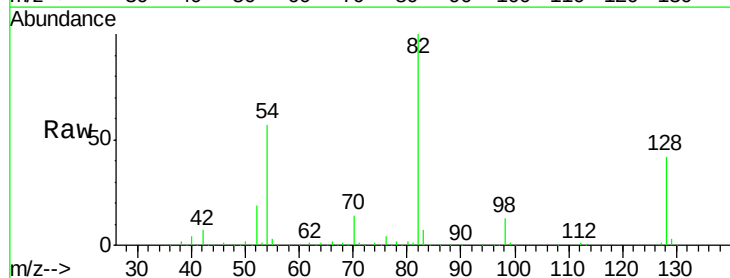


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

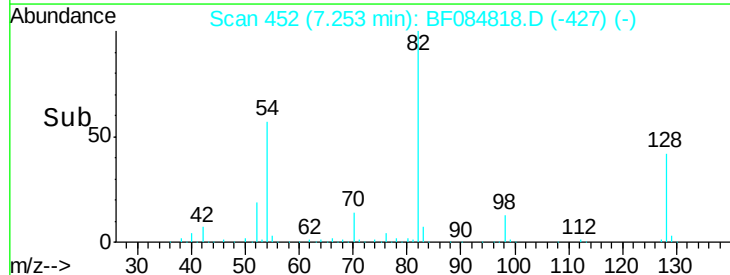
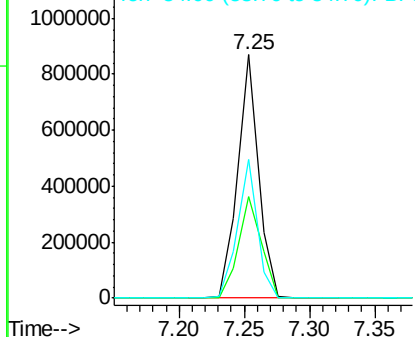


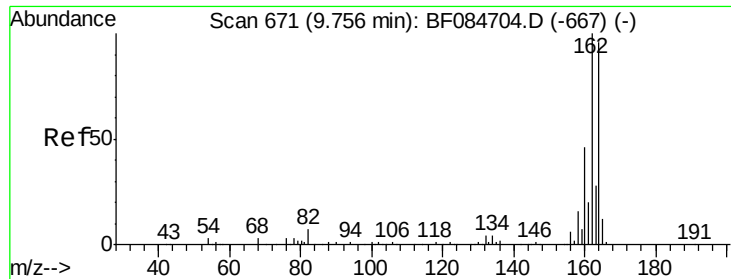
#23
Nitrobenzene-d5
Concen: 67.70 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF084818.D
Acq: 4 Feb 2016 6:56

Tgt Ion:	82	Resp:	961562
Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.6	51.8
54	57.1	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: BF084818.D

Acq: 4 Feb 2016 6:56

Instrument :

BNA_F

ClientSampleId :

S4-B016(17-19)

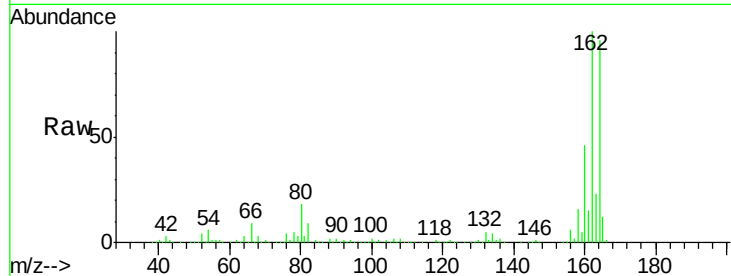
Tgt Ion:164 Resp: 360173

Ion Ratio Lower Upper

164 100

162 104.5 85.1 127.7

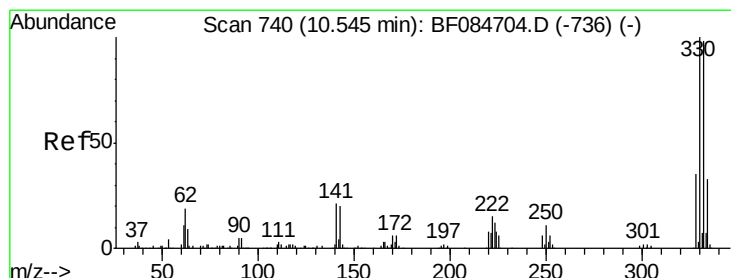
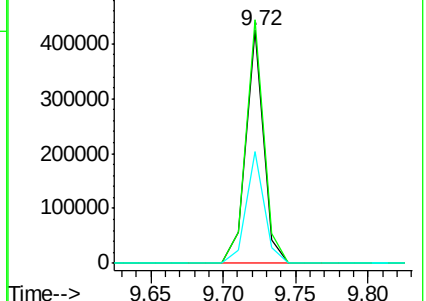
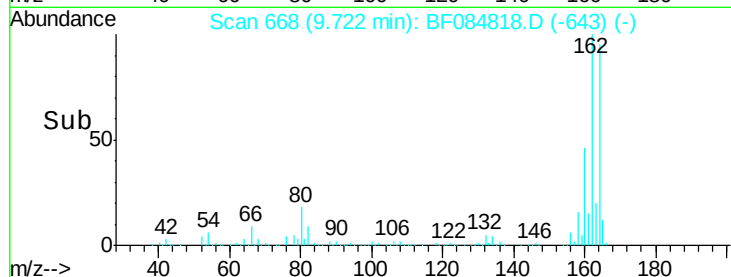
160 47.8 37.5 56.3



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: 95.40 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF084818.D

Acq: 4 Feb 2016 6:56

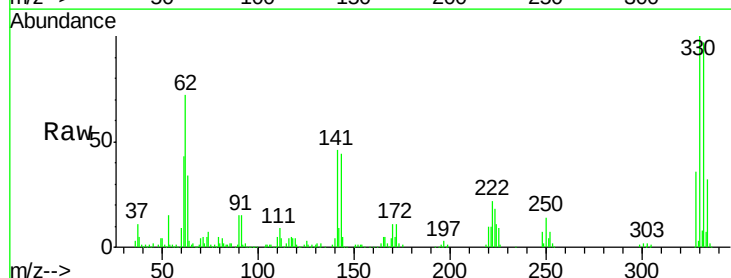
Tgt Ion:330 Resp: 358424

Ion Ratio Lower Upper

330 100

332 98.0 76.6 114.8

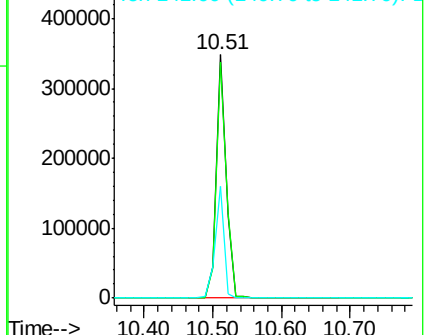
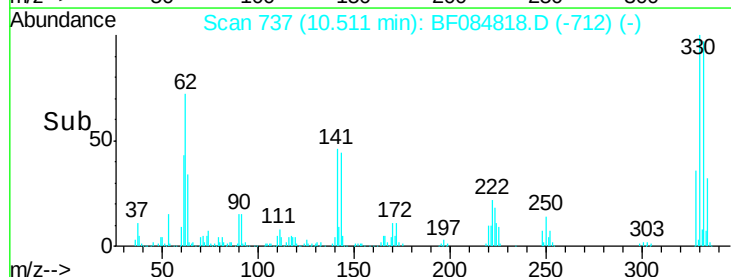
141 41.5 27.8 41.6

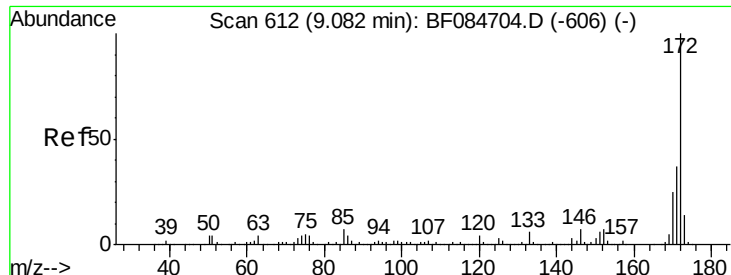


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

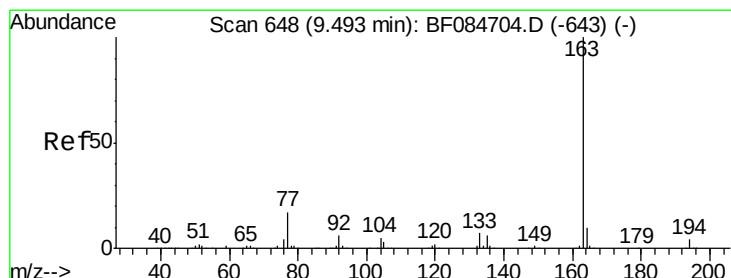
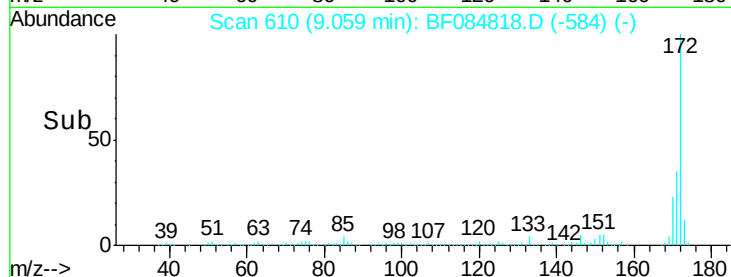
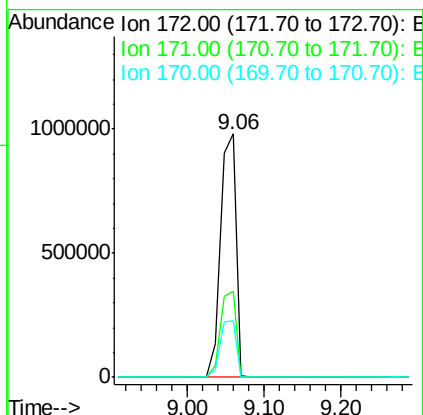
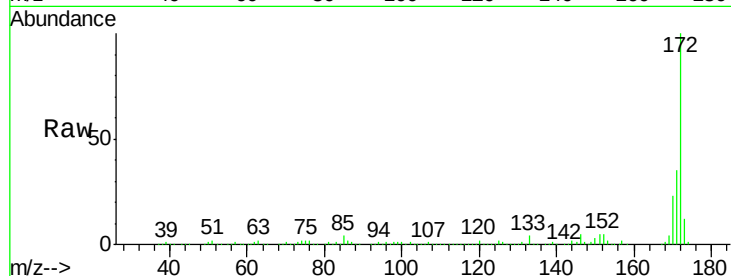




#44
 2-Fluorobiphenyl
 Concen: 59.12 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF084818.D
 Acq: 4 Feb 2016 6:56

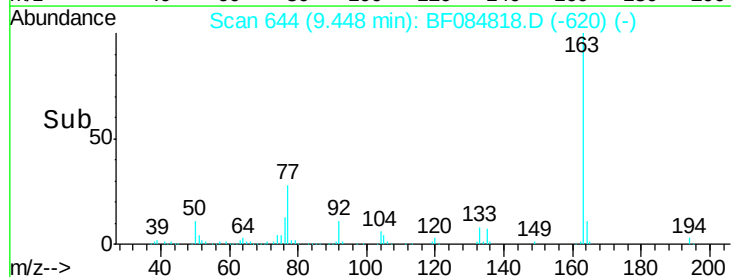
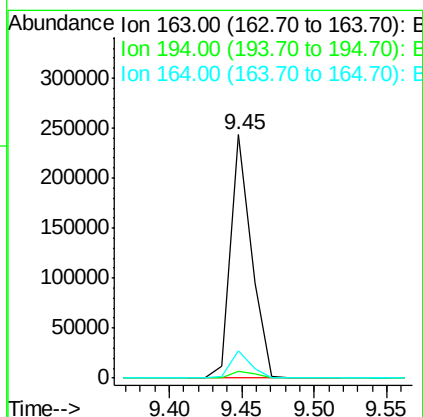
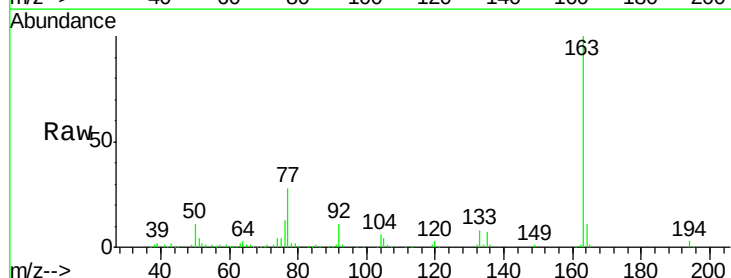
Instrument :
 BNA_F
 ClientSampleId :
 S4-B016(17-19)

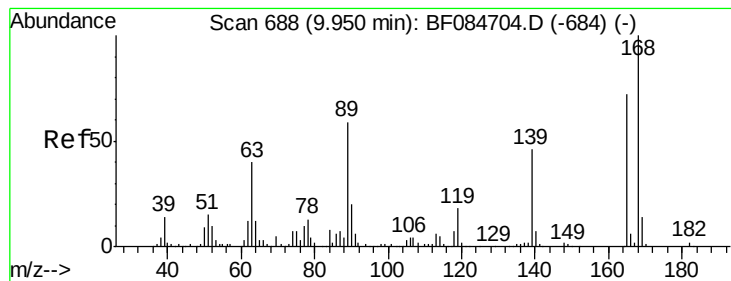
Tgt Ion:172 Resp: 1397626
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.9 43.3
 170 23.3 18.6 27.8



#49
 Dimethylphthalate
 Concen: 8.84 ng
 RT: 9.45 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF084818.D
 Acq: 4 Feb 2016 6:56

Tgt Ion:163 Resp: 242523
 Ion Ratio Lower Upper
 163 100
 194 3.0 8.0 12.0#
 164 11.1 8.0 12.0





#56

2,4-Dinitrotoluene

Concen: 6.03 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.21 min

Lab File: BF084818.D

Acq: 4 Feb 2016 6:56

Instrument :

BNA_F

ClientSampleId :

S4-B016(17-19)

Tgt Ion:165 Resp: 46065

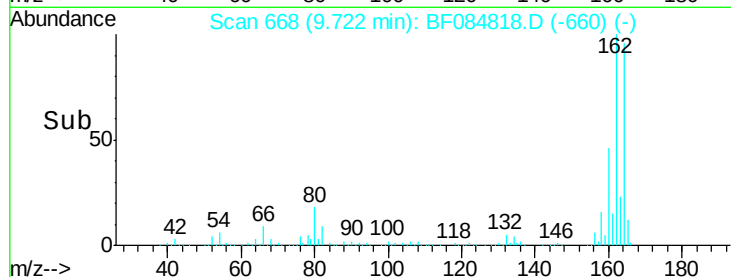
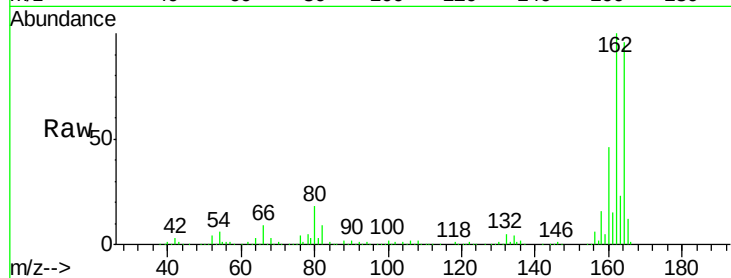
Ion Ratio Lower Upper

165 100

63 1.7 36.7 55.1#

89 1.7 61.9 92.9#

182 0.0 2.0 3.0#

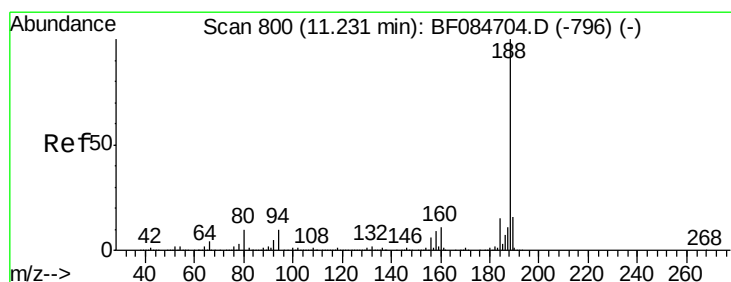
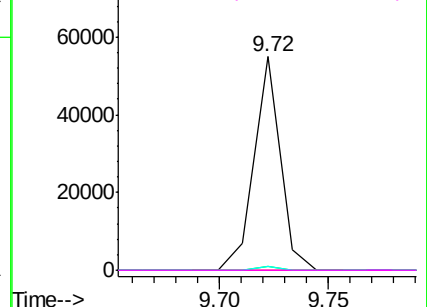


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.20 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF084818.D

Acq: 4 Feb 2016 6:56

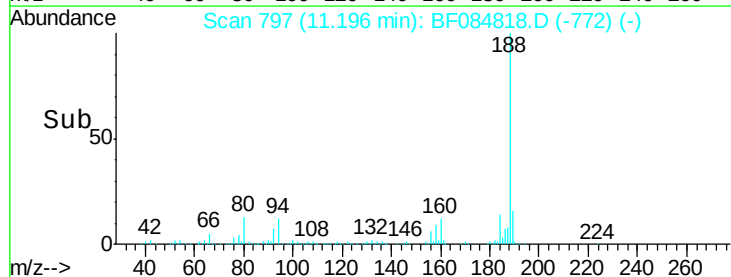
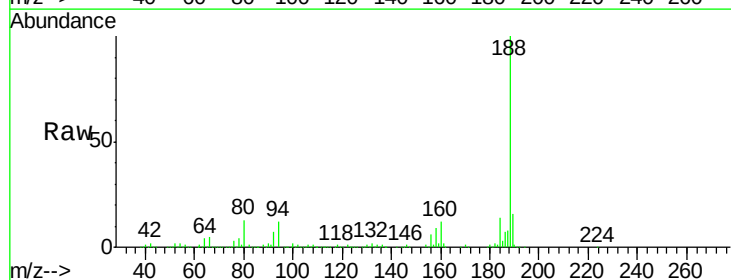
Tgt Ion:188 Resp: 602167

Ion Ratio Lower Upper

188 100

94 11.9 9.0 13.4

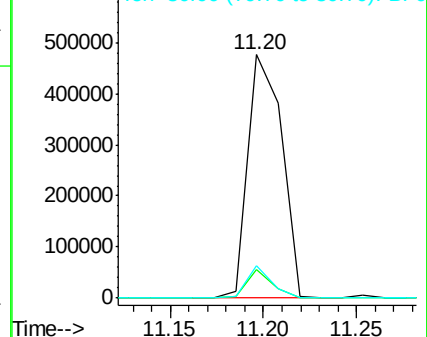
80 13.1 9.6 14.4

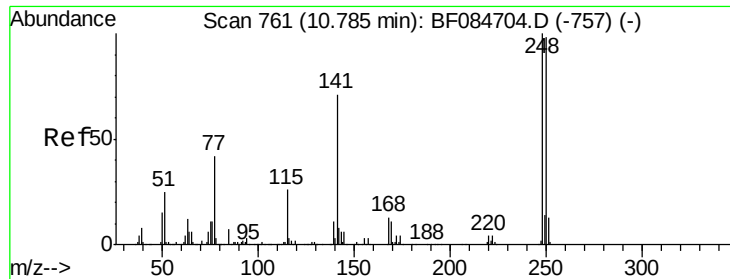


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

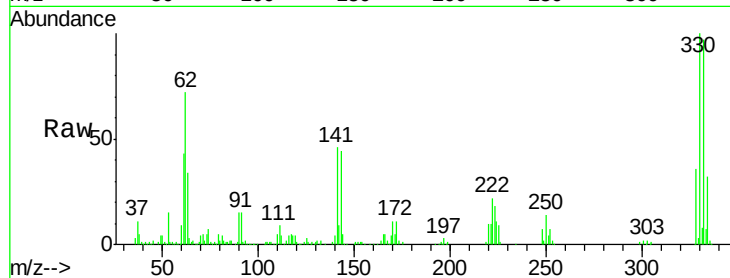




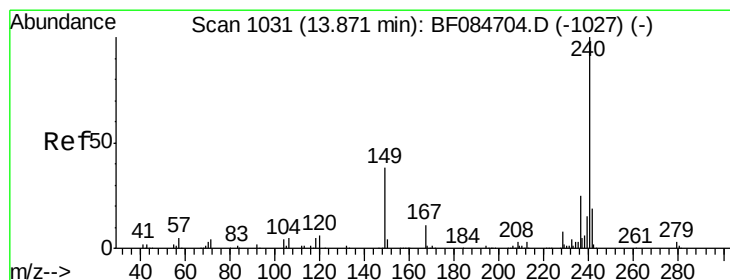
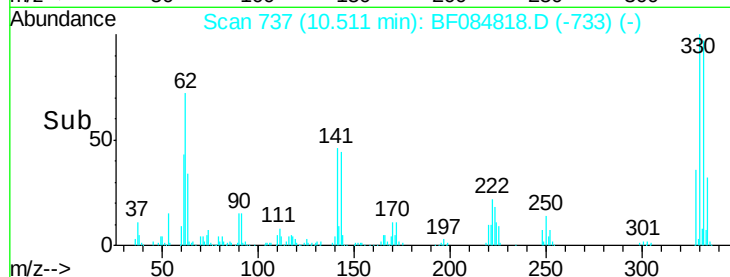
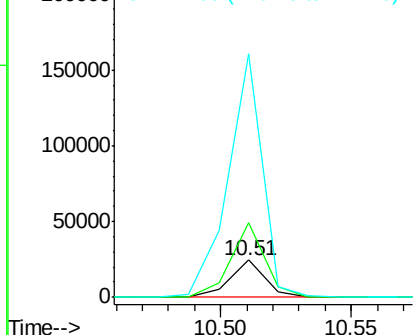
#66
4-Bromophenyl-phenylether
Concen: 3.45 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.25 min
Lab File: BF084818.D
Acq: 4 Feb 2016 6:56

Instrument :
BNA_F
ClientSampleId :
S4-B016(17-19)

Tgt Ion:248 Resp: 22975
Ion Ratio Lower Upper
248 100
250 199.1 78.4 117.6#
141 649.9 44.0 66.0#

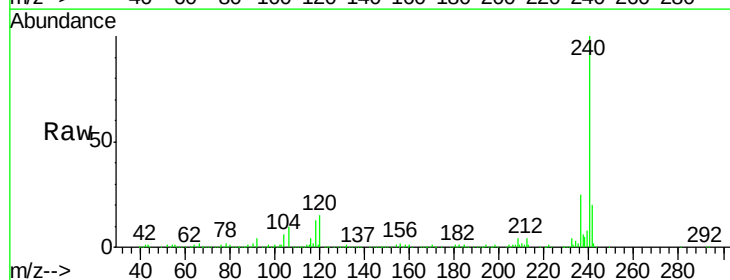


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

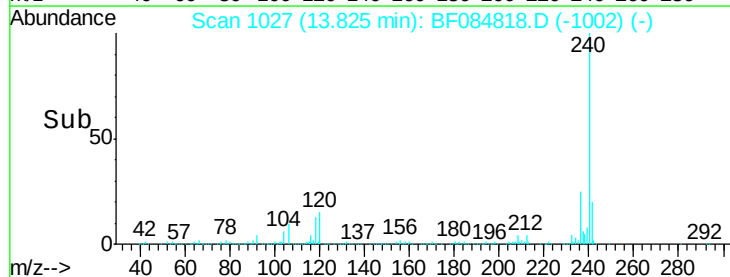
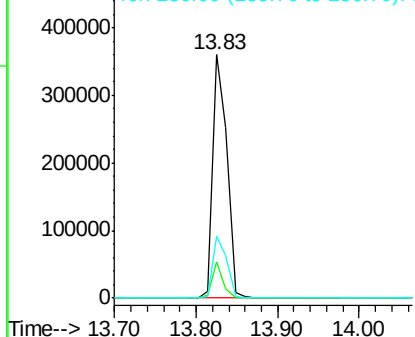


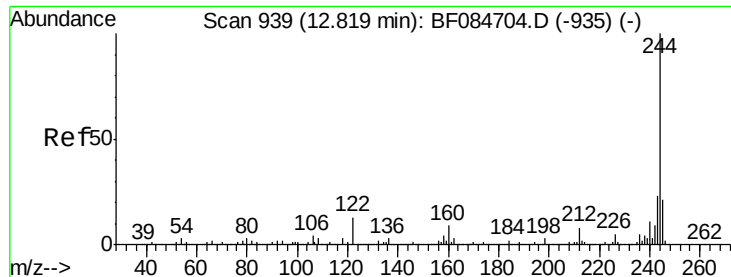
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF084818.D
Acq: 4 Feb 2016 6:56

Tgt Ion:240 Resp: 440071
Ion Ratio Lower Upper
240 100
120 14.7 9.5 14.3#
236 25.4 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: 51.84 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF084818.D

Acq: 4 Feb 2016 6:56

Instrument :

BNA_F

ClientSampleId :

S4-B016(17-19)

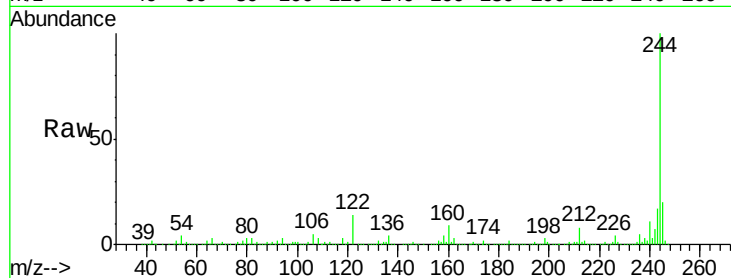
Tgt Ion:244 Resp: 1006765

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

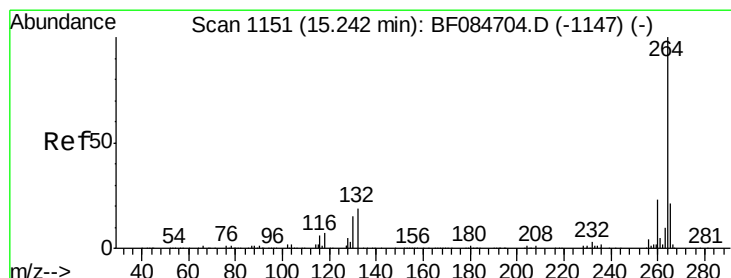
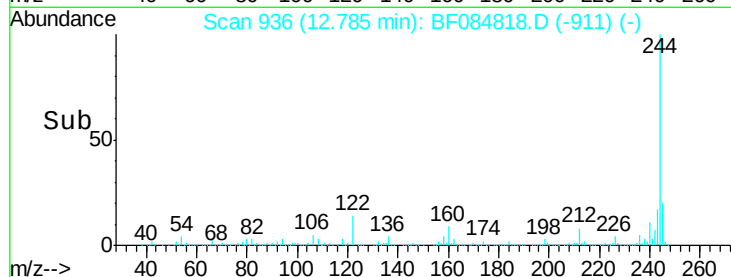
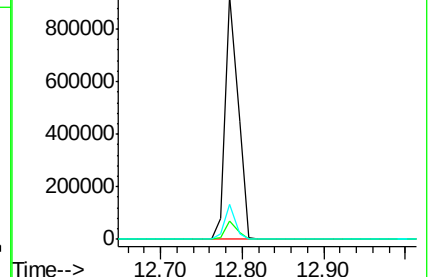
122 14.4 7.4 11.0#



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: BF084818.D

Acq: 4 Feb 2016 6:56

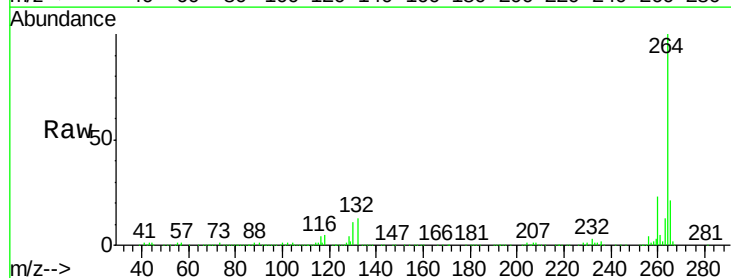
Tgt Ion:264 Resp: 354878

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.2

265 21.1 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

