

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021116\
 Data File : BF085024.D
 Acq On : 11 Feb 2016 18:11
 Operator : SJ/IZ
 Sample : H1377-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB05-1-2

Quant Time: Feb 11 22:14:30 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

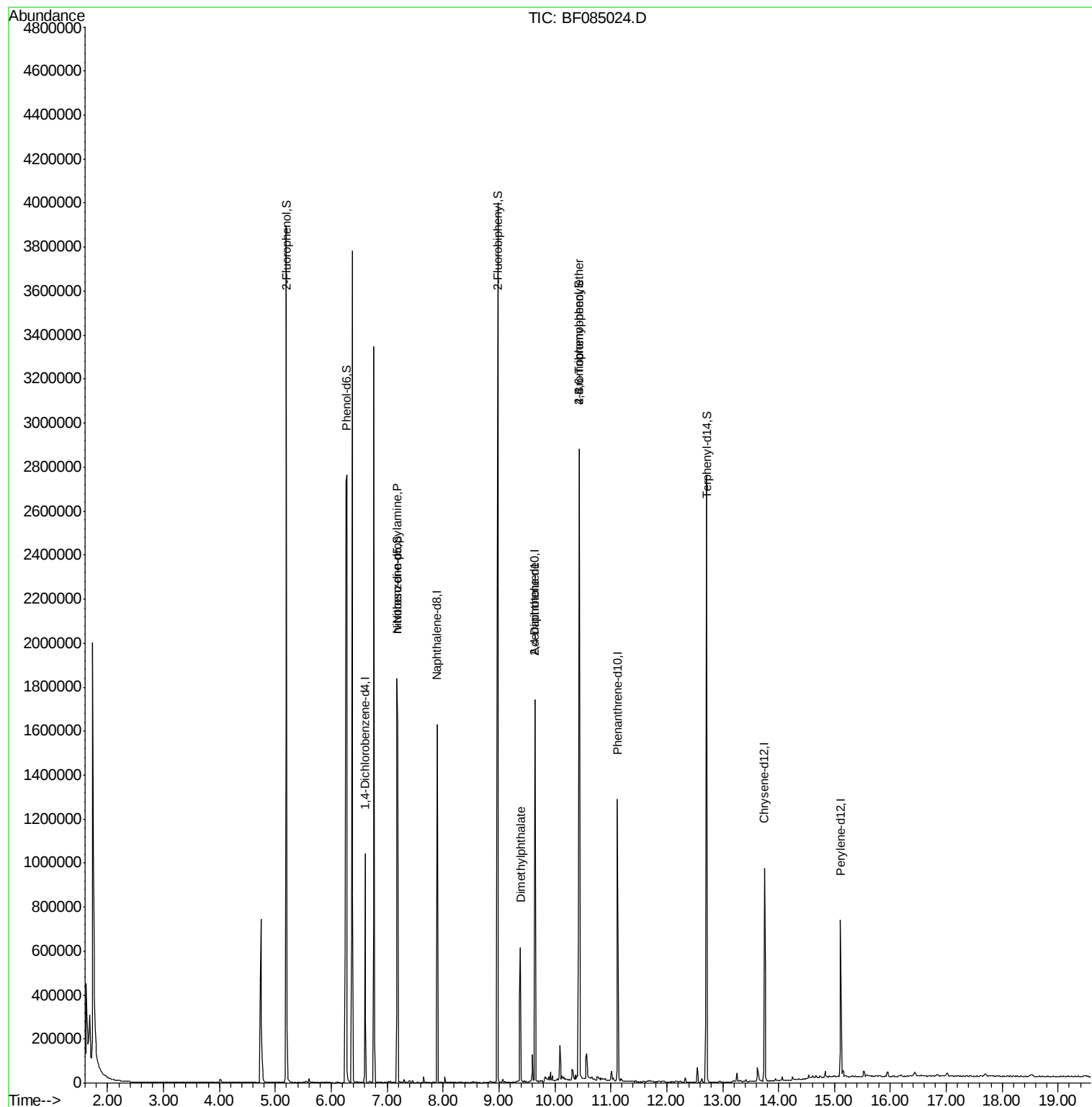
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	151833	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	678571	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	324493	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	547782	20.00	ng	-0.02
75) Chrysene-d12	13.75	240	362635	20.00	ng	-0.02
86) Perylene-d12	15.11	264	322843	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1131923	116.12	ng	0.00
7) Phenol-d6	6.27	99	1526389	126.31	ng	-0.01
23) Nitrobenzene-d5	7.18	82	894492	74.26	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	324505	95.87	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1523842	76.46	ng	-0.01
78) Terphenyl-d14	12.72	244	1284582	80.27	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.18	70	118390	15.63	ng	# 69
49) Dimethylphthalate	9.38	163	314361	12.72	ng	# 91
56) 2,4-Dinitrotoluene	9.64	165	42750	6.21	ng	# 21
66) 4-Bromophenyl-phenylether	10.43	248	20151	3.33	ng	# 1

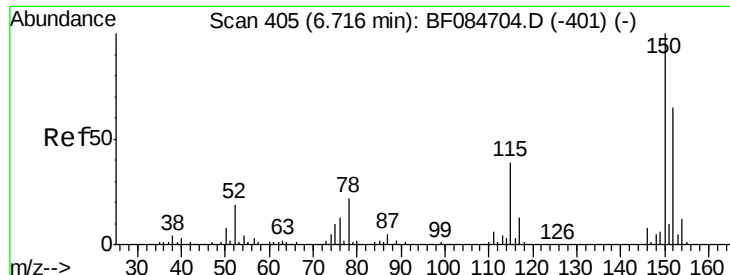
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021116\
Data File : BF085024.D
Acq On : 11 Feb 2016 18:11
Operator : SJ/IZ
Sample : H1377-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB05-1-2

Quant Time: Feb 11 22:14:30 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 13:28:51 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

Lab File: BF085024.D

Acq: 11 Feb 2016 18:11

Instrument :

BNA_F

ClientSampleId :

SB05-1-2

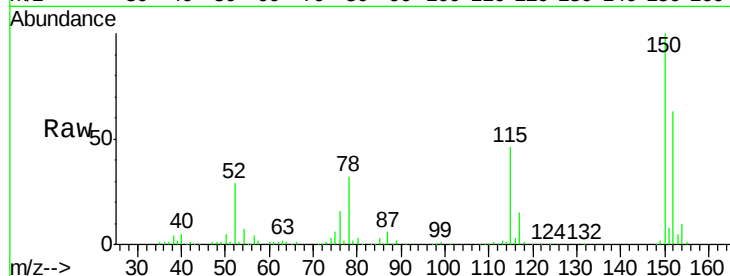
Tgt Ion:152 Resp: 151833

Ion Ratio Lower Upper

152 100

150 157.5 123.0 184.4

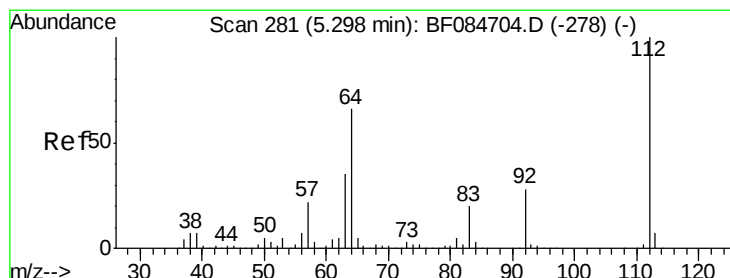
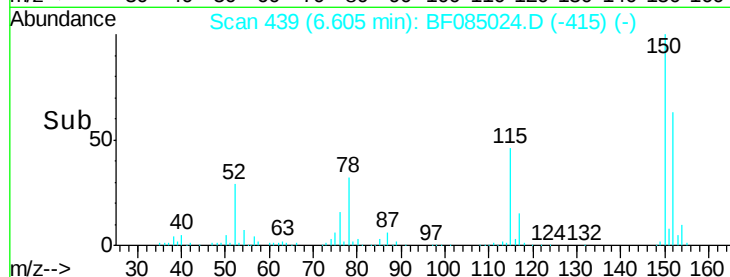
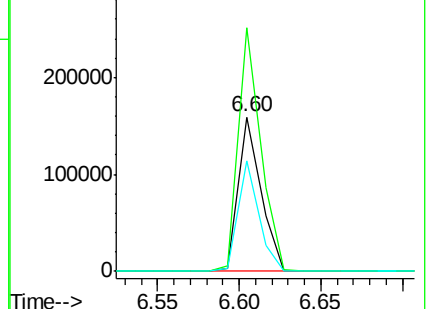
115 71.8 51.4 77.2



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: 116.12 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.00 min

Lab File: BF085024.D

Acq: 11 Feb 2016 18:11

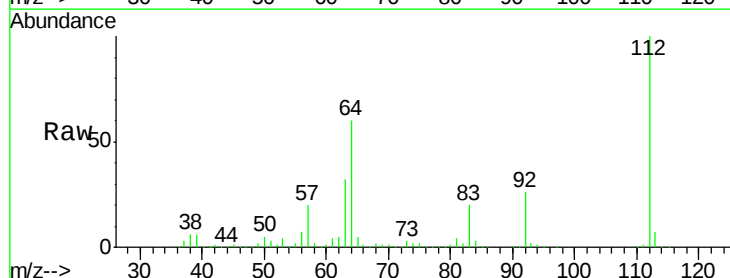
Tgt Ion:112 Resp: 1131923

Ion Ratio Lower Upper

112 100

64 59.9 36.6 55.0#

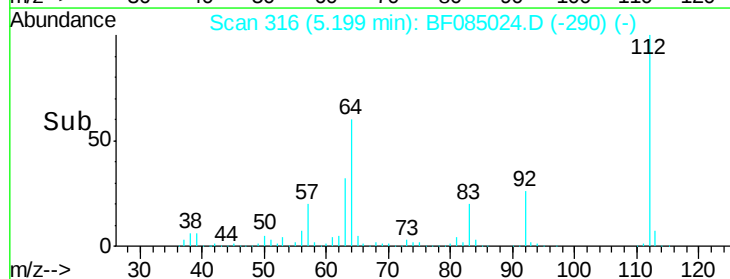
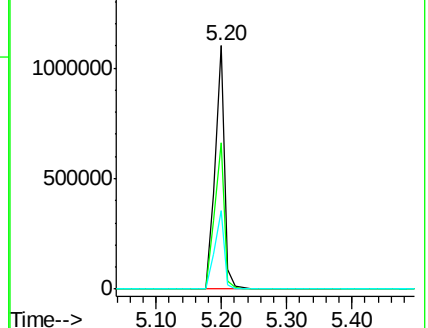
63 32.1 19.4 29.0#



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: 126.31 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085024.D

Acq: 11 Feb 2016 18:11

Instrument :

BNA_F

ClientSampleId :

SB05-1-2

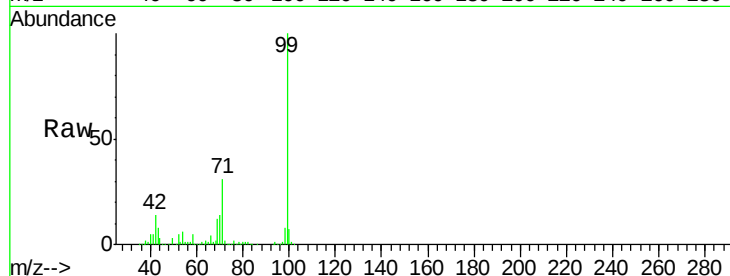
Tgt Ion: 99 Resp: 1526389

Ion Ratio Lower Upper

99 100

42 13.9 12.8 19.2

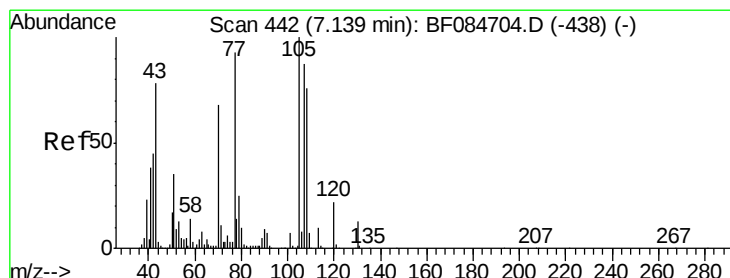
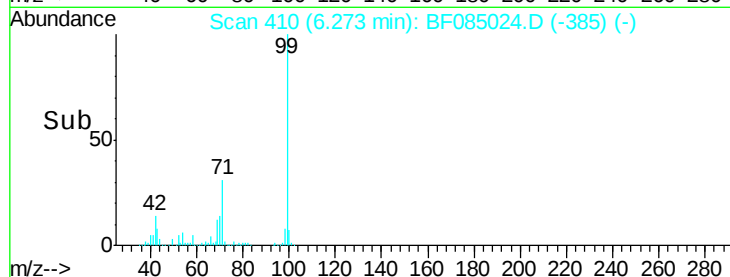
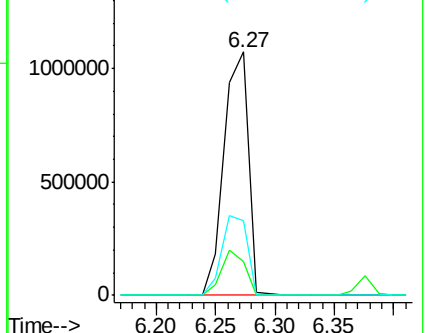
71 30.9 30.9 46.3



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: 15.63 ng

RT: 7.18 min Scan# 489

Delta R.T. 0.11 min

Lab File: BF085024.D

Acq: 11 Feb 2016 18:11

Tgt Ion: 70 Resp: 118390

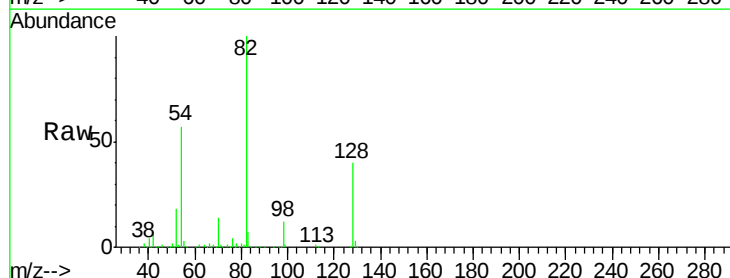
Ion Ratio Lower Upper

70 100

42 52.2 33.3 49.9#

101 0.0 9.3 13.9#

130 2.2 23.4 35.0#

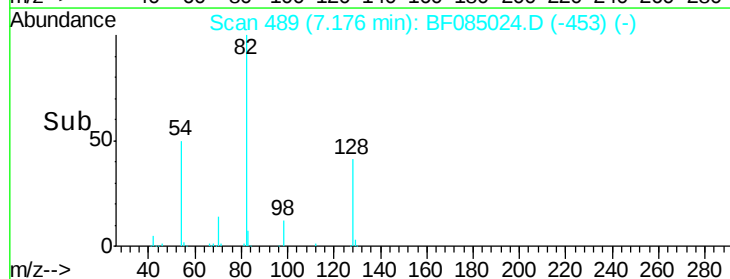
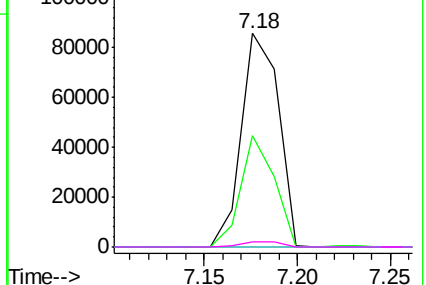


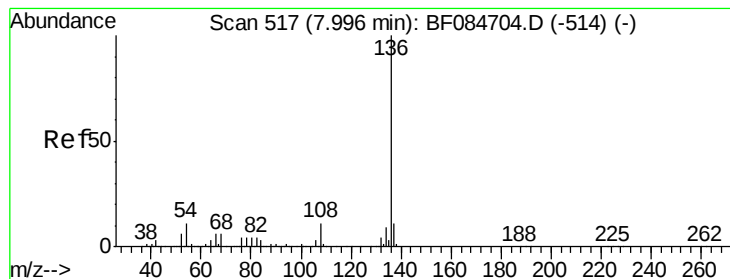
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.90 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF085024.D

Acq: 11 Feb 2016 18:11

Instrument :

BNA_F

ClientSampleId :

SB05-1-2

Tgt Ion: 136 Resp: 678571

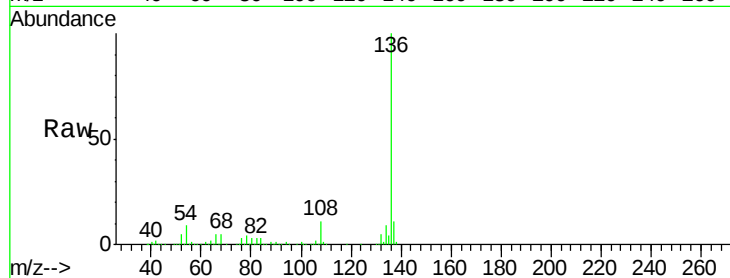
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 8.8 5.8 8.8#

68 5.0 4.2 6.2

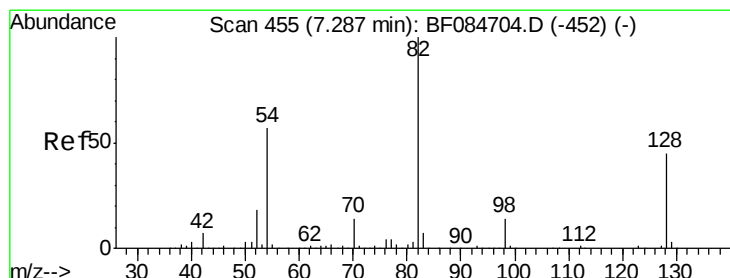
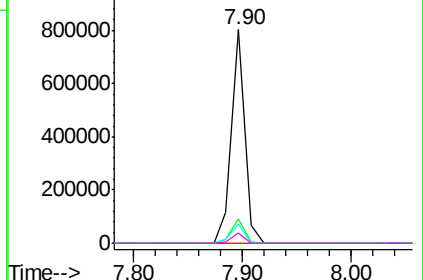
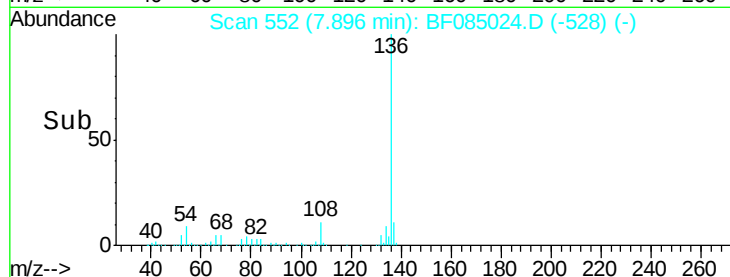


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.26 ng

RT: 7.18 min Scan# 489

Delta R.T. -0.02 min

Lab File: BF085024.D

Acq: 11 Feb 2016 18:11

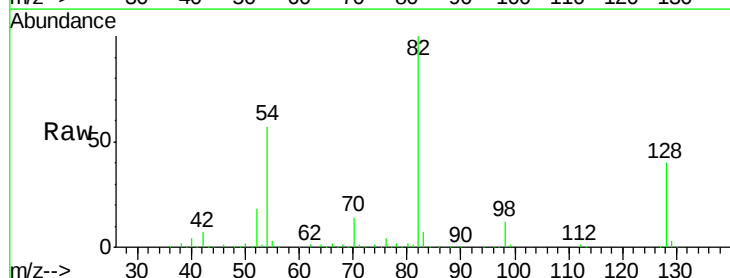
Tgt Ion: 82 Resp: 894492

Ion Ratio Lower Upper

82 100

128 40.5 34.6 51.8

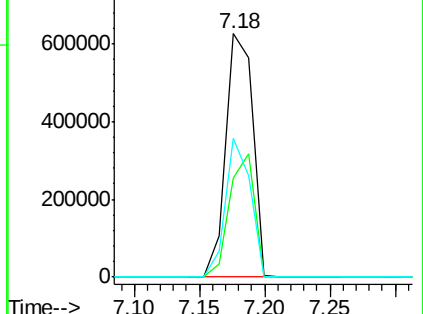
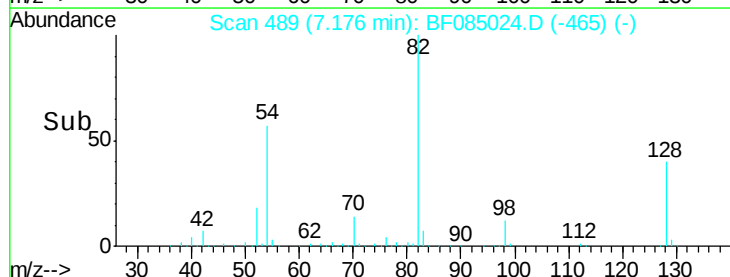
54 57.0 38.4 57.6

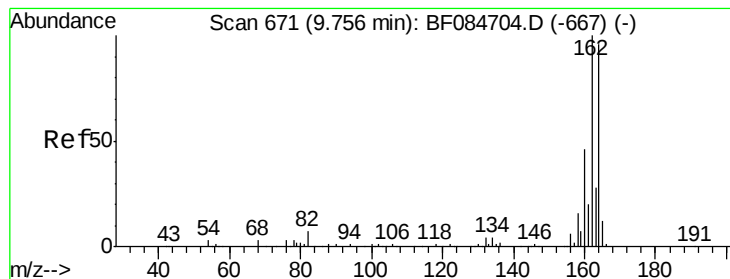


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.64 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF085024.D

Acq: 11 Feb 2016 18:11

Instrument :

BNA_F

ClientSampleId :

SB05-1-2

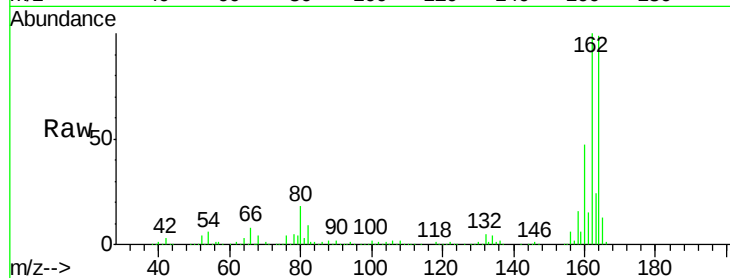
Tgt Ion:164 Resp: 324493

Ion Ratio Lower Upper

164 100

162 100.8 85.1 127.7

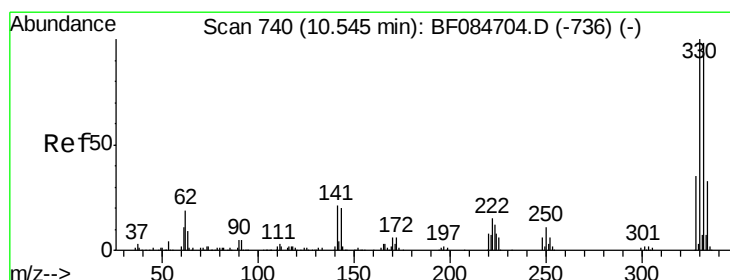
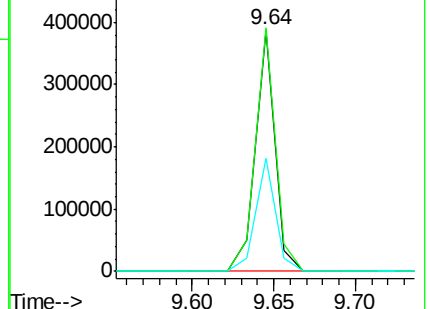
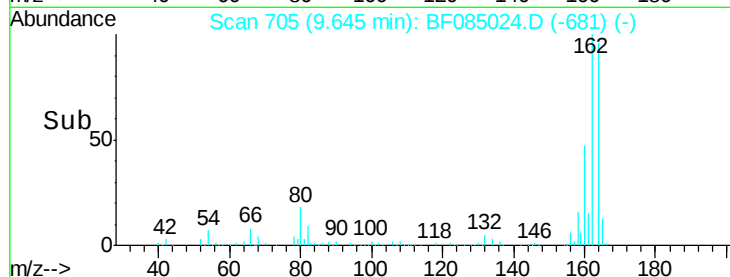
160 46.9 37.5 56.3



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: 95.87 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.02 min

Lab File: BF085024.D

Acq: 11 Feb 2016 18:11

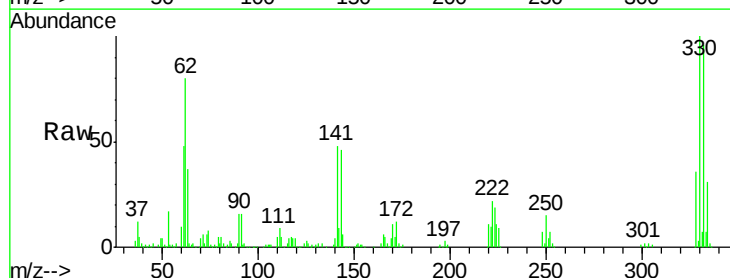
Tgt Ion:330 Resp: 324505

Ion Ratio Lower Upper

330 100

332 97.1 76.6 114.8

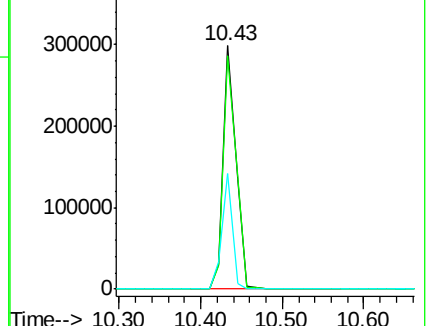
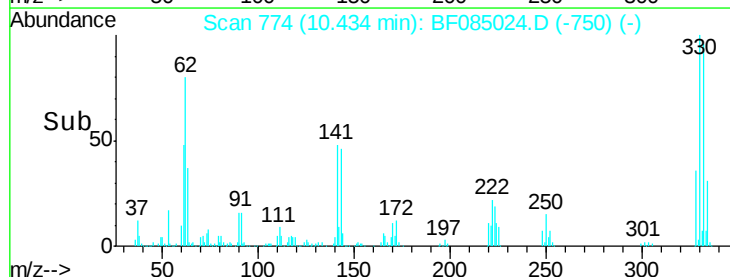
141 39.3 27.8 41.6

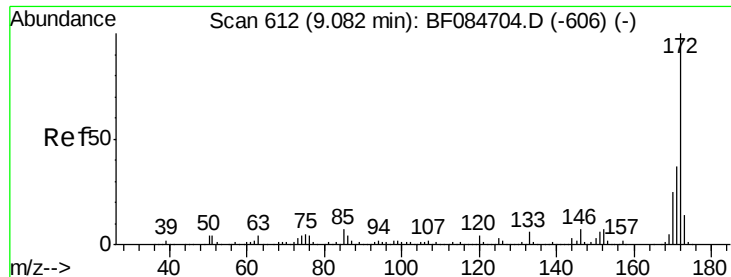


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

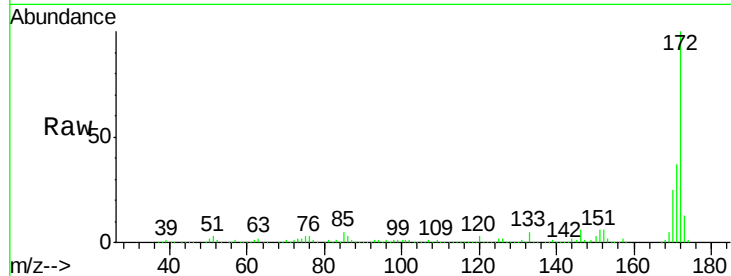




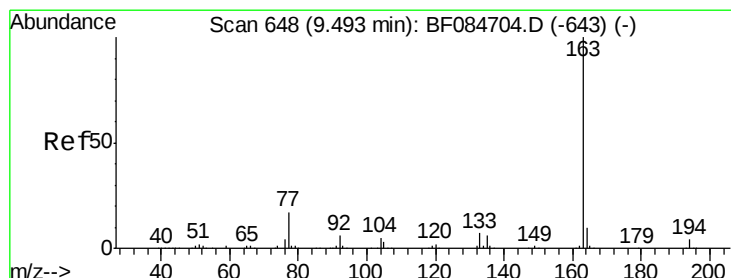
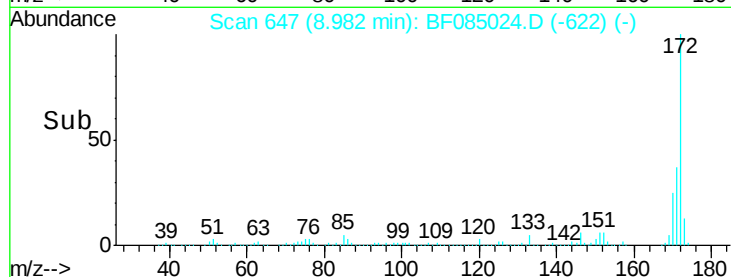
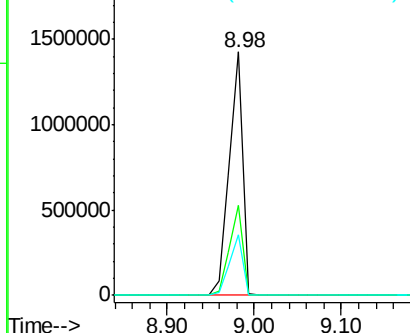
#44
2-Fluorobiphenyl
Concen: 76.46 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF085024.D
Acq: 11 Feb 2016 18:11

Instrument :
BNA_F
ClientSampleId :
SB05-1-2

Tgt Ion:172 Resp: 1523842
Ion Ratio Lower Upper
172 100
171 37.0 28.9 43.3
170 25.0 18.6 27.8

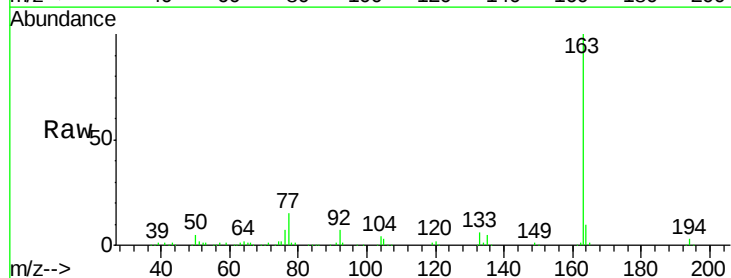


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

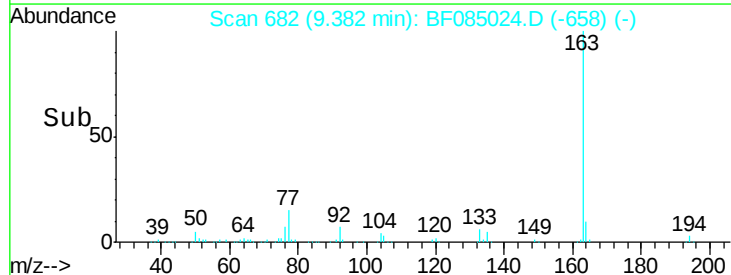
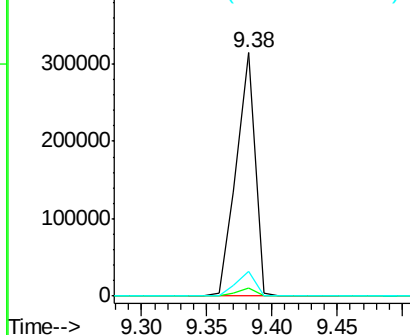


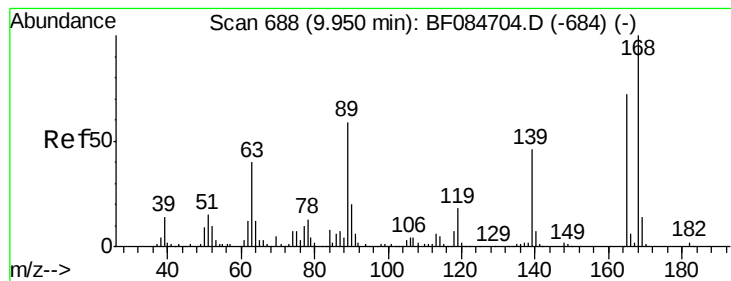
#49
Dimethylphthalate
Concen: 12.72 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF085024.D
Acq: 11 Feb 2016 18:11

Tgt Ion:163 Resp: 314361
Ion Ratio Lower Upper
163 100
194 3.4 8.0 12.0#
164 10.0 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: 6.21 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.23 min

Lab File: BF085024.D

Acq: 11 Feb 2016 18:11

Instrument :

BNA_F

ClientSampleId :

SB05-1-2

Tgt Ion:165 Resp: 42750

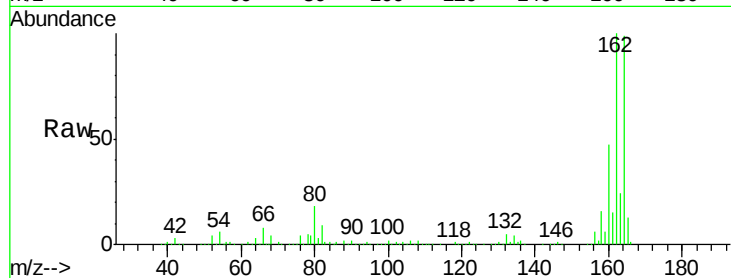
Ion Ratio Lower Upper

165 100

63 1.2 36.7 55.1#

89 1.3 61.9 92.9#

182 0.0 2.0 3.0#

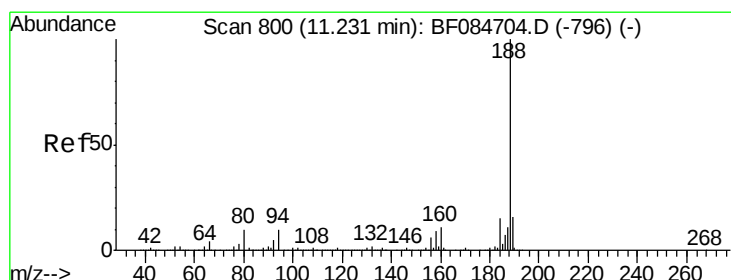
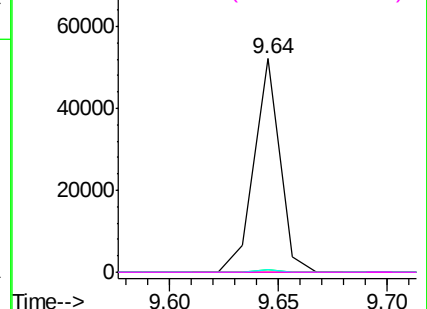
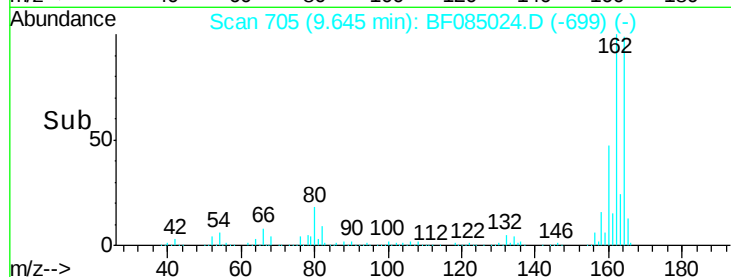


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.12 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF085024.D

Acq: 11 Feb 2016 18:11

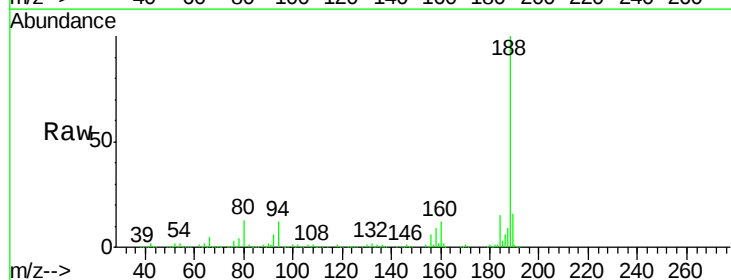
Tgt Ion:188 Resp: 547782

Ion Ratio Lower Upper

188 100

94 12.1 9.0 13.4

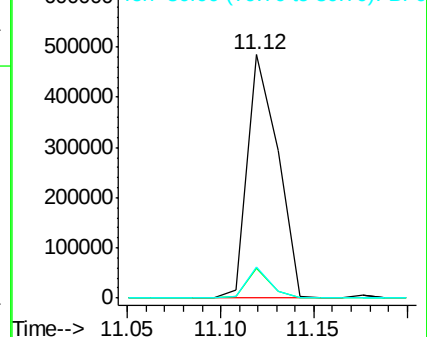
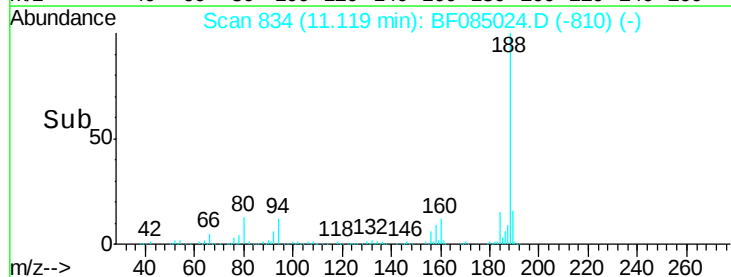
80 12.6 9.6 14.4

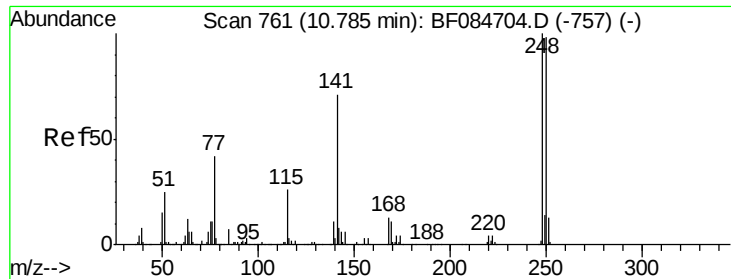


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

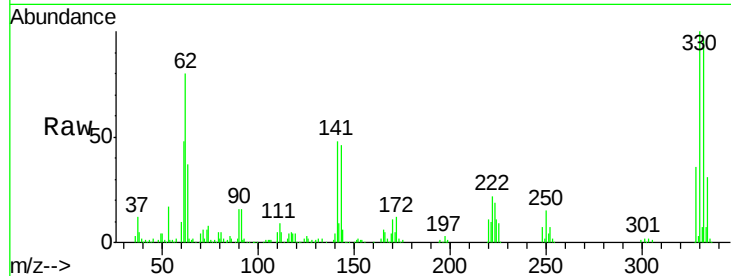




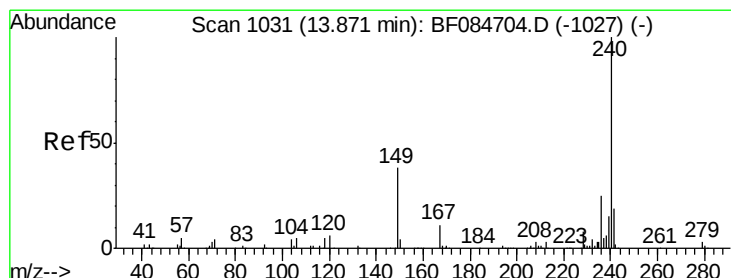
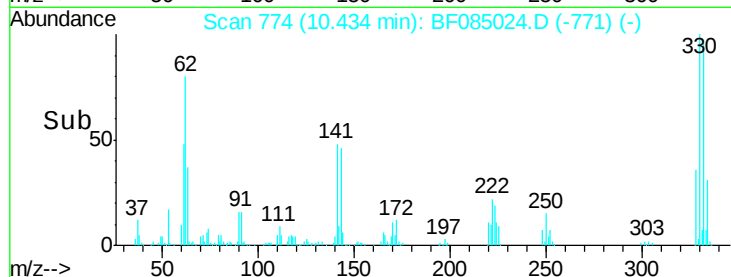
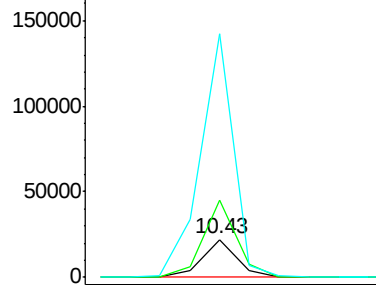
#66
4-Bromophenyl-phenylether
Concen: 3.33 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.26 min
Lab File: BF085024.D
Acq: 11 Feb 2016 18:11

Instrument :
BNA_F
ClientSampleId :
SB05-1-2

Tgt Ion:248 Resp: 20151
Ion Ratio Lower Upper
248 100
250 204.1 78.4 117.6#
141 647.6 44.0 66.0#

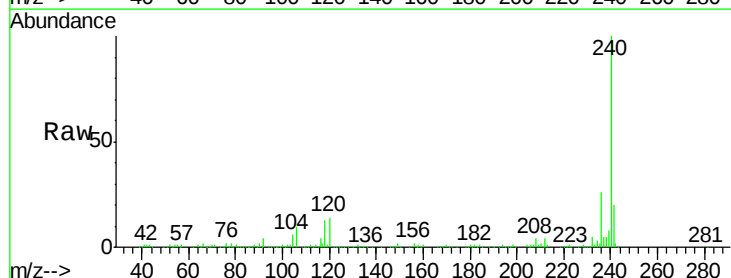


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

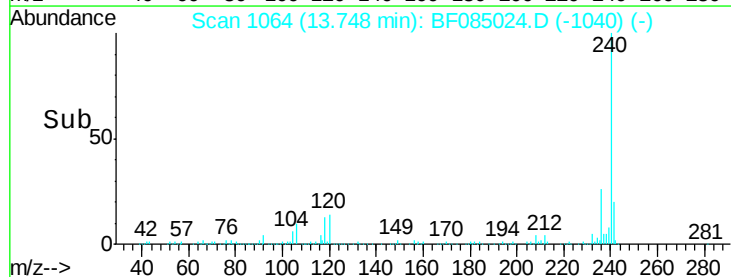
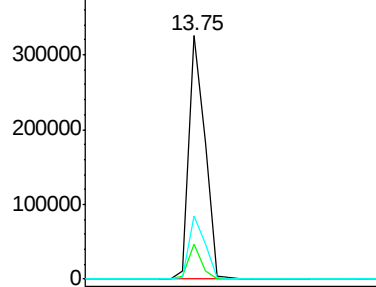


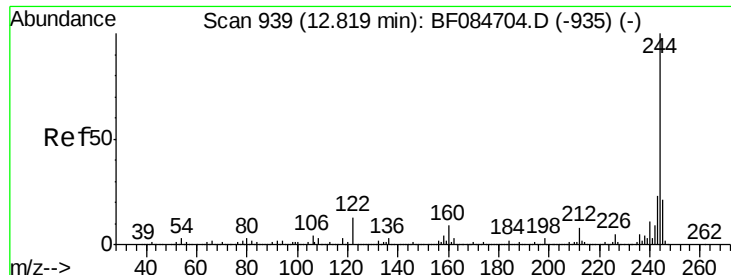
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.02 min
Lab File: BF085024.D
Acq: 11 Feb 2016 18:11

Tgt Ion:240 Resp: 362635
Ion Ratio Lower Upper
240 100
120 14.3 9.5 14.3#
236 25.9 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

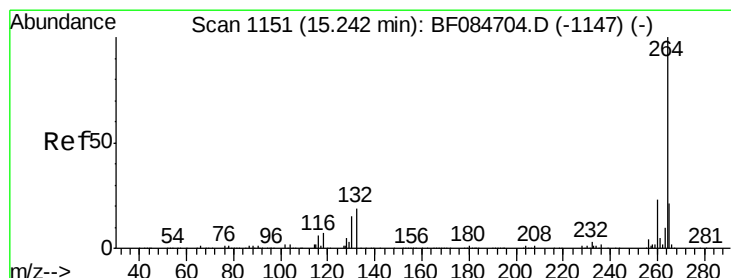
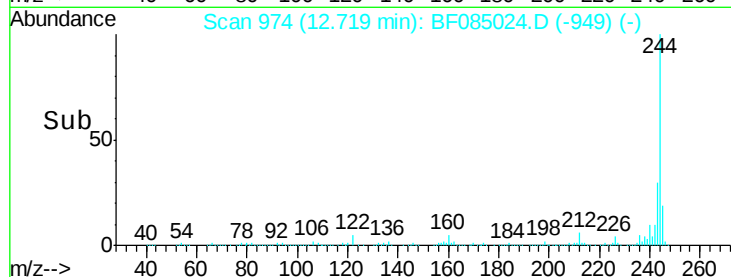
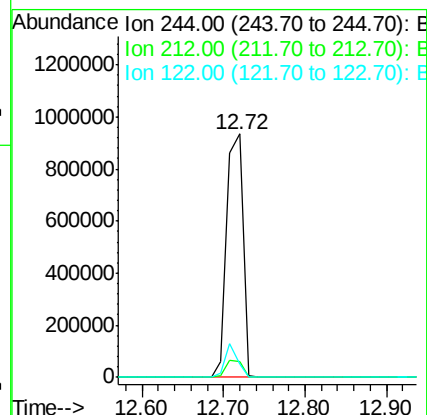
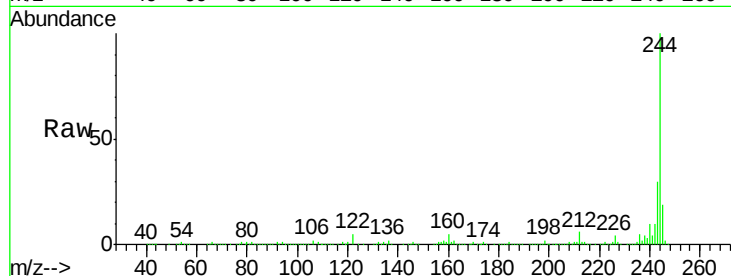




#78
 Terphenyl-d14
 Concen: 80.27 ng
 RT: 12.72 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF085024.D
 Acq: 11 Feb 2016 18:11

Instrument :
 BNA_F
 ClientSampleId :
 SB05-1-2

Tgt Ion:244 Resp: 1284582
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.7 8.5
 122 5.3 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF085024.D
 Acq: 11 Feb 2016 18:11

Tgt Ion:264 Resp: 322843
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.4 29.2
 265 22.2 17.8 26.6

