

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 22:26:35 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

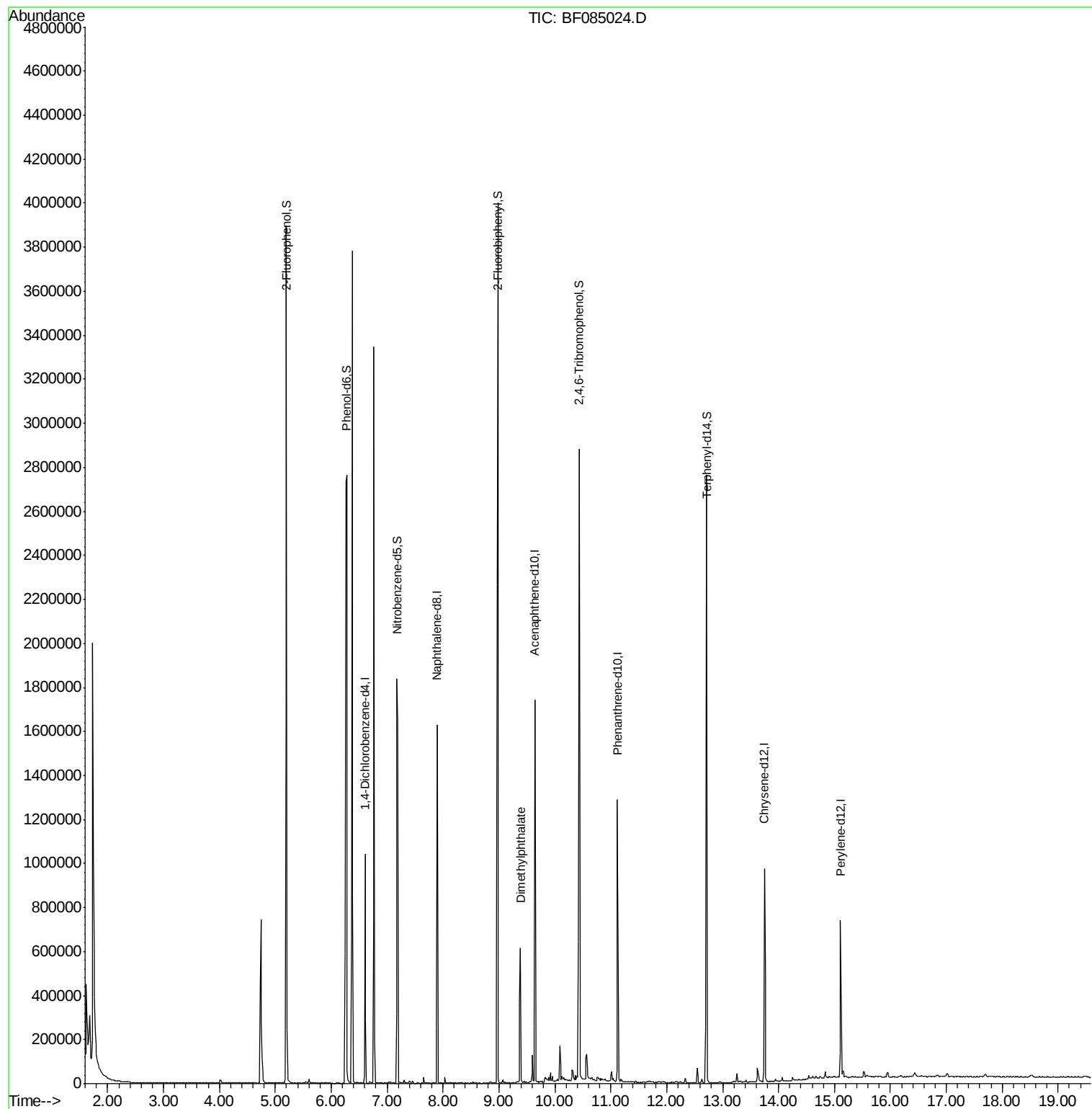
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	151833	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	678571	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	324493	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	547782	20.00	ng	-0.02
75) Chrysene-d12	13.75	240	362635	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						Qvalue
49) Dimethylphthalate	9.38	163	314361	12.72	ng	# 91

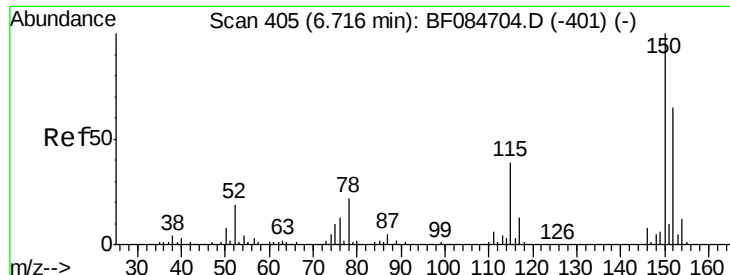
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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

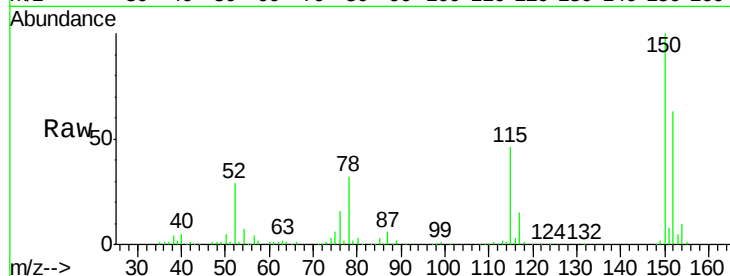
Tgt Ion:152 Resp: 151833

Ion Ratio Lower Upper

152 100

150 157.5 123.0 184.4

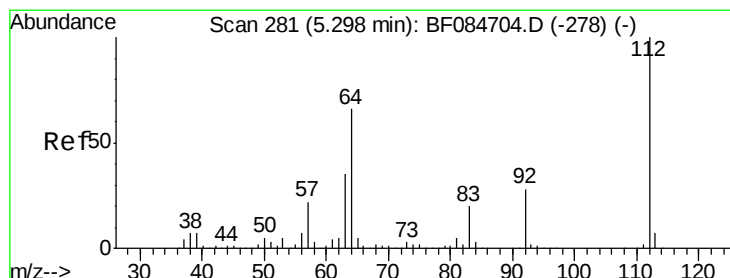
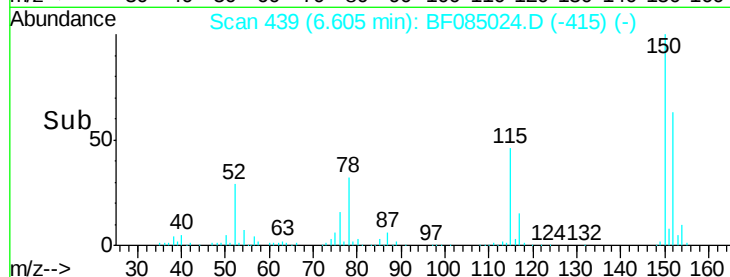
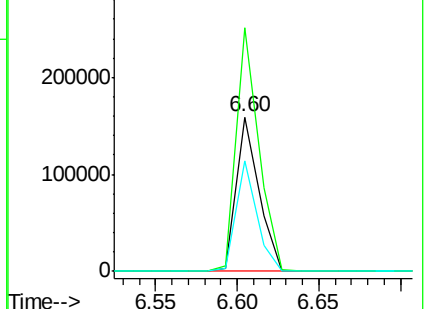
115 71.8 51.4 77.2



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

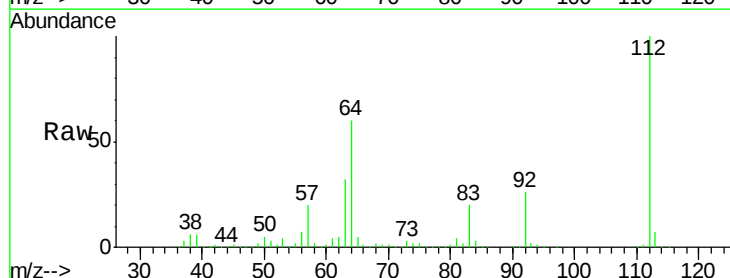
Tgt Ion:112 Resp: 1131923

Ion Ratio Lower Upper

112 100

64 59.9 36.6 55.0#

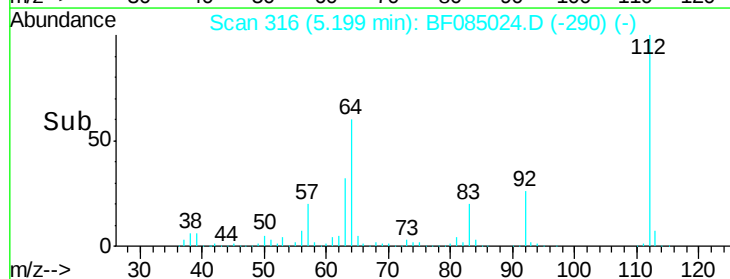
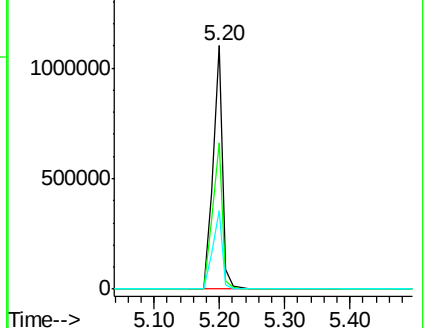
63 32.1 19.4 29.0#



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

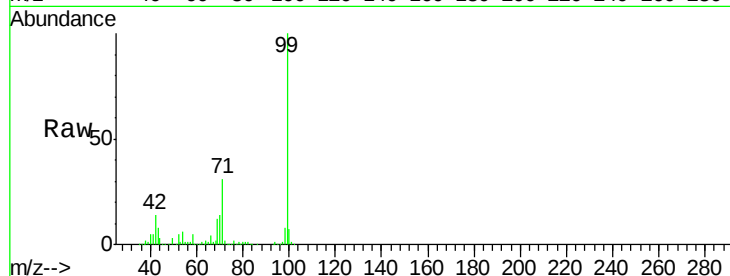
Tgt Ion: 99 Resp: 1526389

Ion Ratio Lower Upper

99 100

42 13.9 12.8 19.2

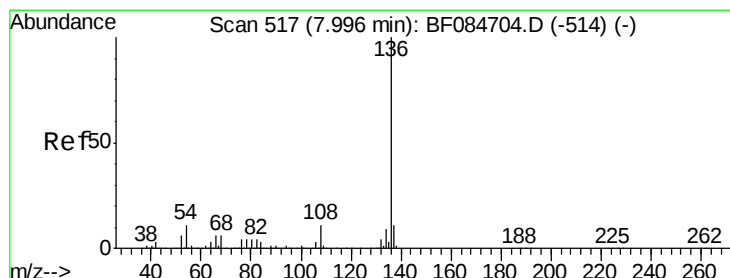
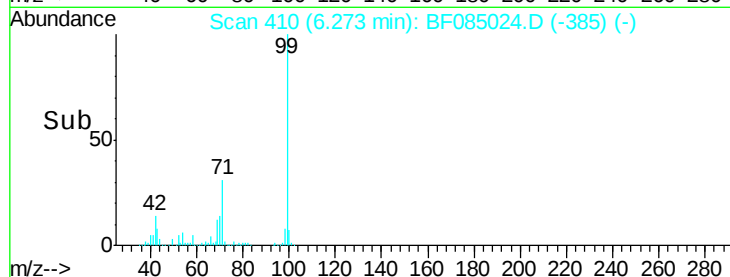
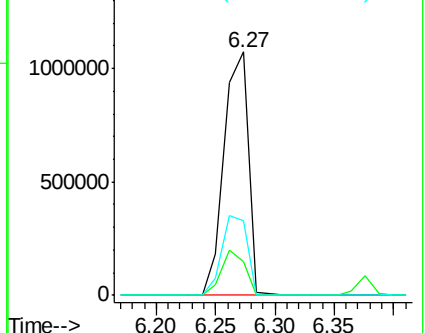
71 30.9 30.9 46.3



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



#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

Tgt Ion: 136 Resp: 678571

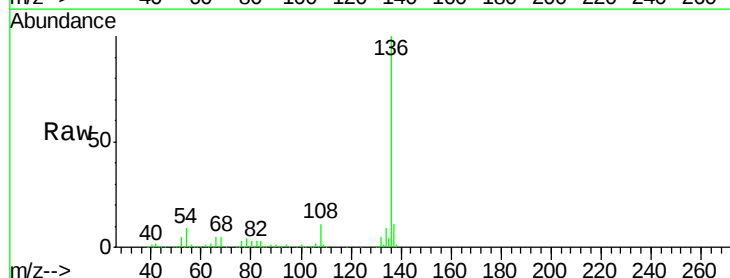
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 8.8 5.8 8.8#

68 5.0 4.2 6.2

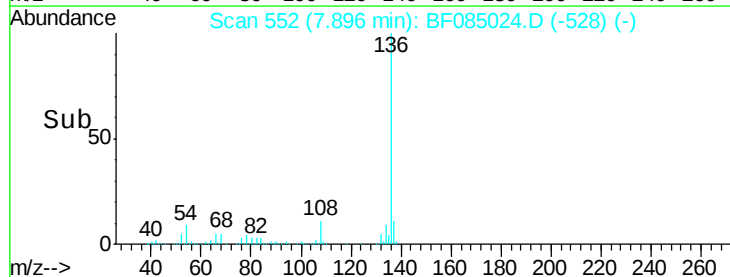
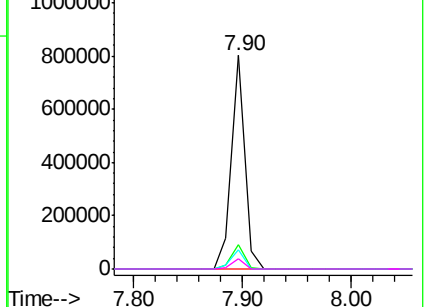


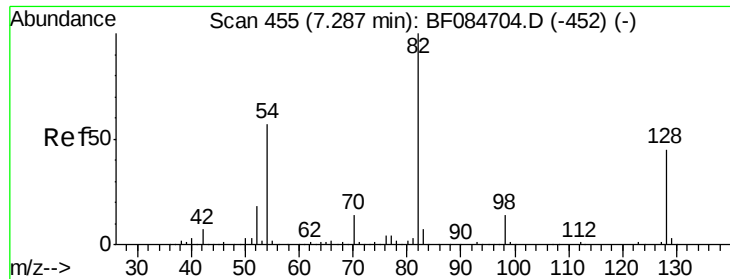
Abundance Ion 136.00 (135.70 to 136.70): E

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

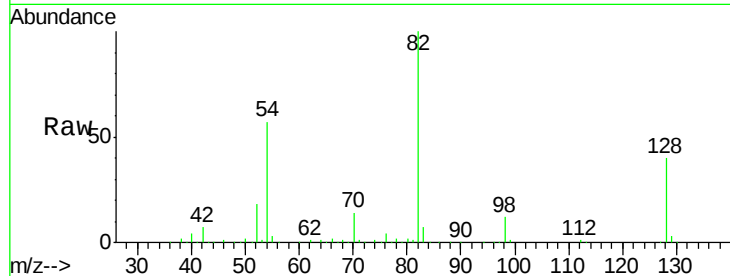




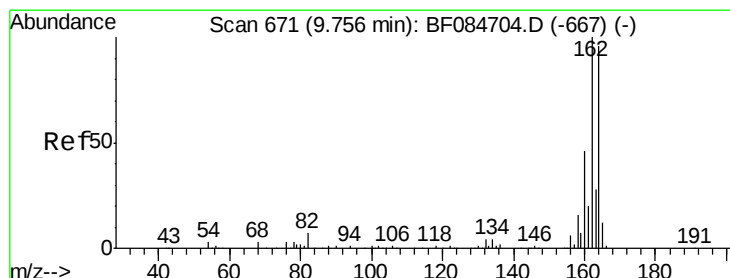
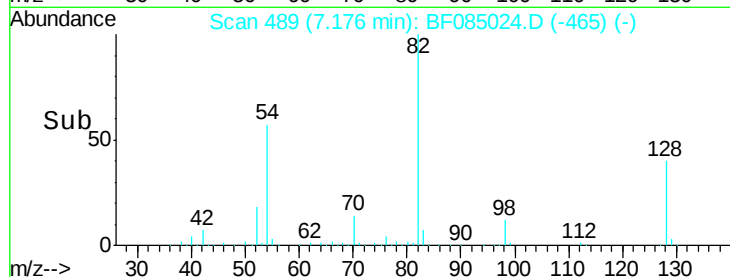
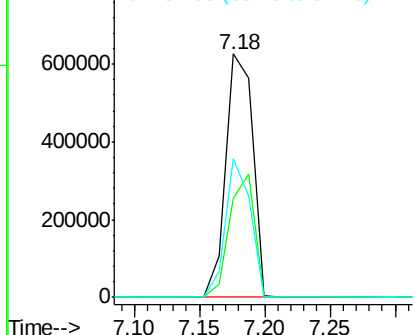
#23
 Nitrobenzene-d5
 Concen: 74.26 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.02 min
 Lab File: BF085024.D
 Acq: 11 Feb 2016 18:11

Instrument :
 BNA_F
 ClientSampleId :
 SB05-1-2

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

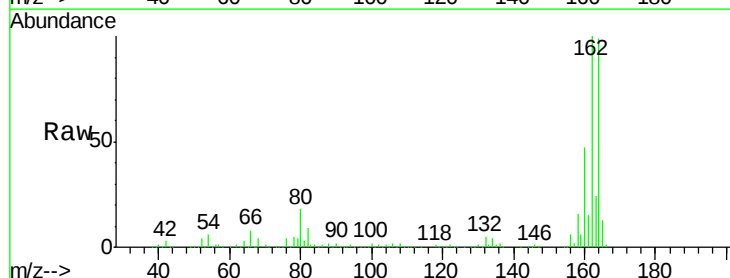


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

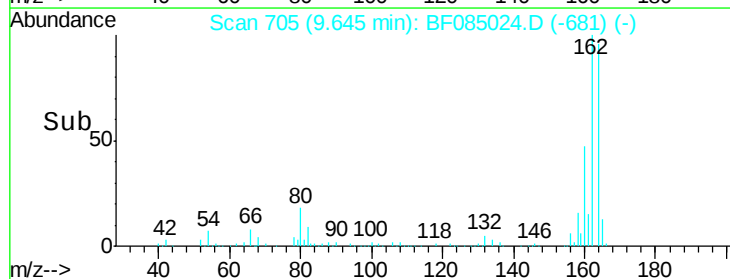
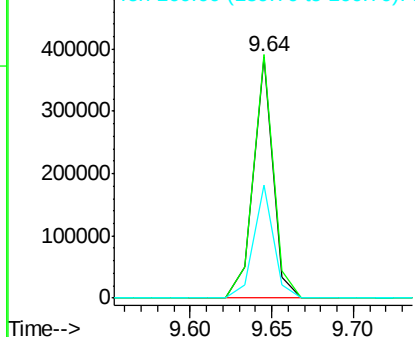


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF085024.D
 Acq: 11 Feb 2016 18:11

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): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

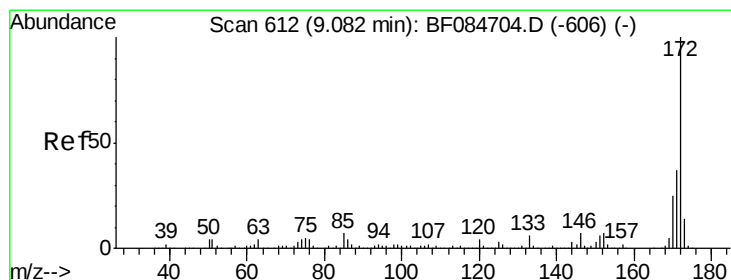
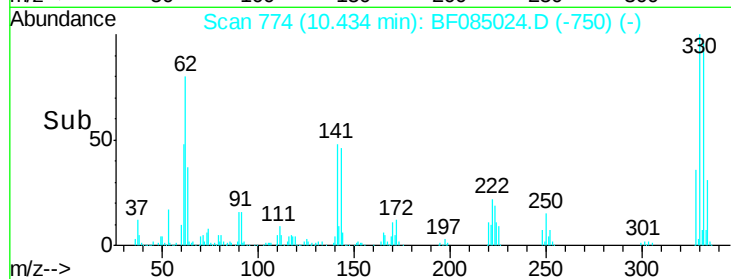
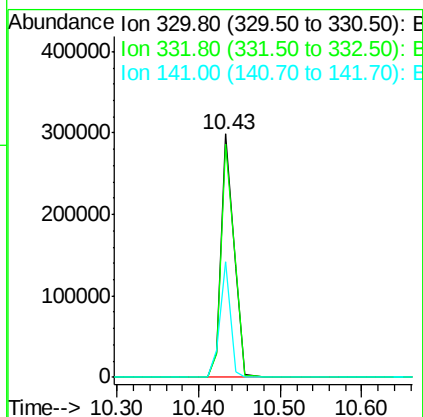
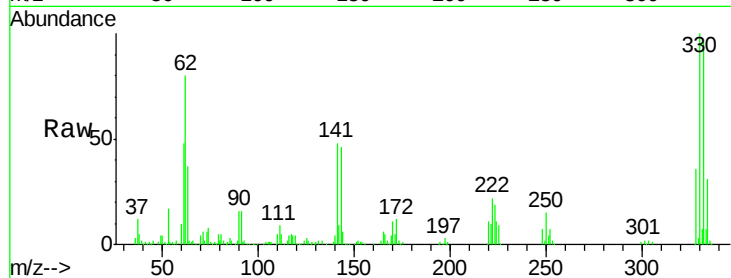




#41
 2,4,6-Tribromophenol
 Concen: 95.87 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF085024.D
 Acq: 11 Feb 2016 18:11

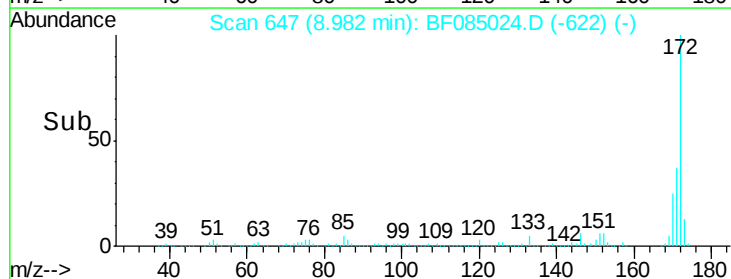
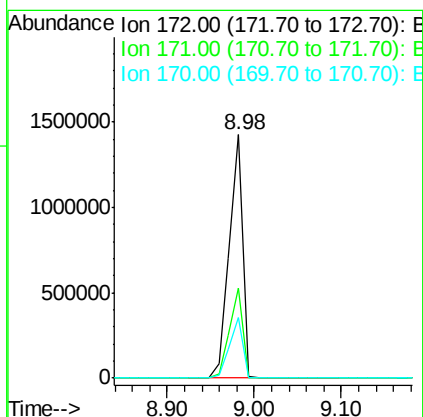
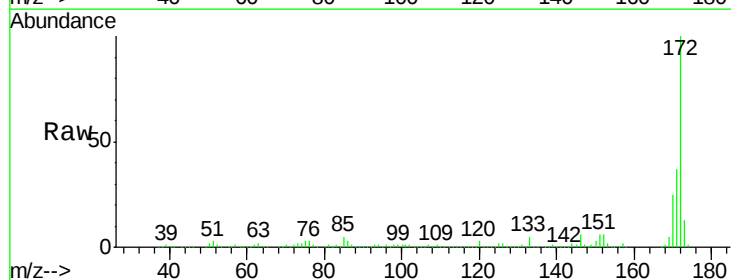
Instrument :
 BNA_F
 ClientSampled :
 SB05-1-2

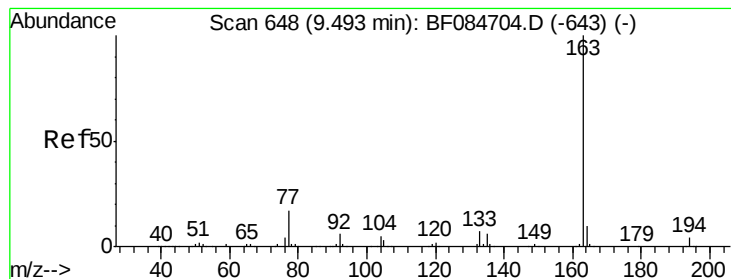
Tgt Ion:330 Resp: 324505
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 114.8
 141 39.3 27.8 41.6



#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

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





#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

Instrument :

BNA_F

ClientSampleId :

SB05-1-2

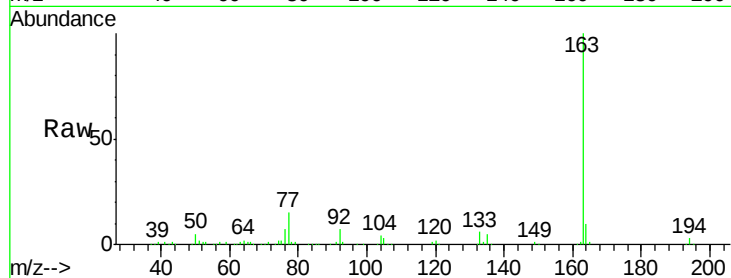
Tgt Ion:163 Resp: 314361

Ion Ratio Lower Upper

163 100

194 3.4 8.0 12.0#

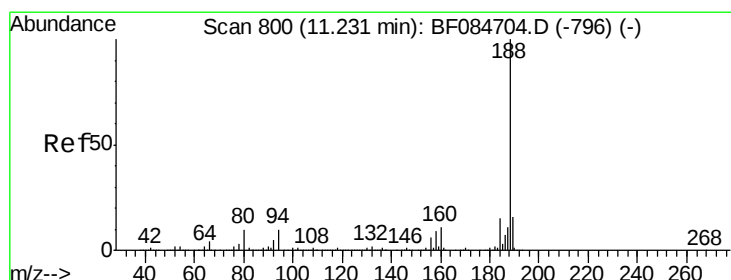
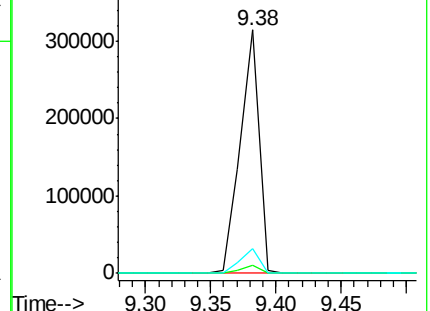
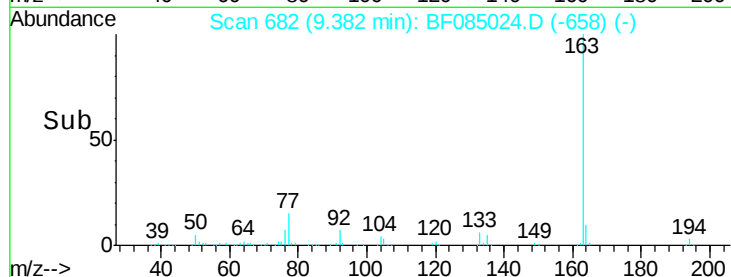
164 10.0 8.0 12.0



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



#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

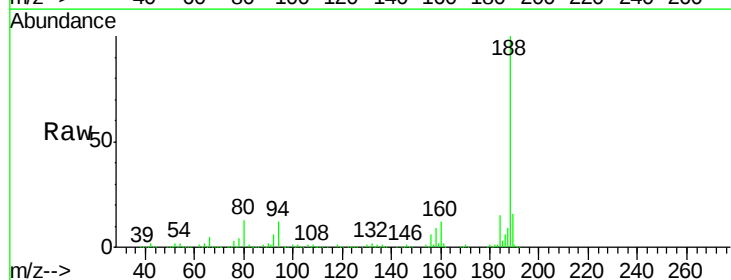
Tgt Ion:188 Resp: 547782

Ion Ratio Lower Upper

188 100

94 12.1 9.0 13.4

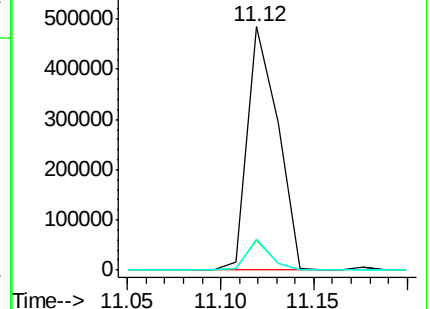
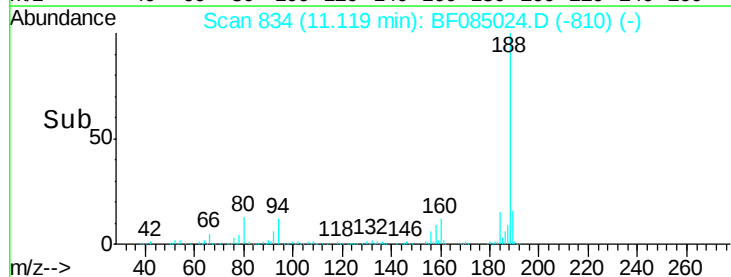
80 12.6 9.6 14.4

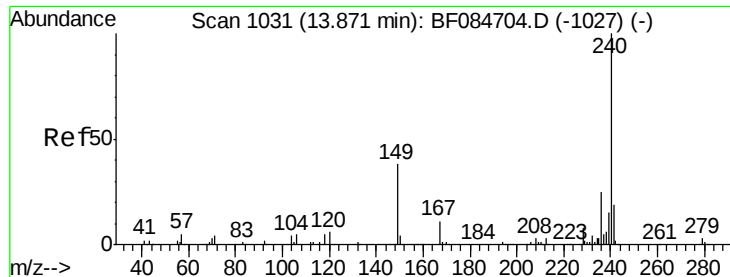


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#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

Instrument :

BNA_F

ClientSampleId :

SB05-1-2

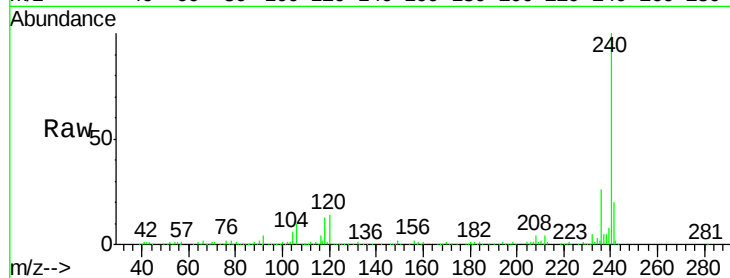
Tgt Ion:240 Resp: 362635

Ion Ratio Lower Upper

240 100

120 14.3 9.5 14.3#

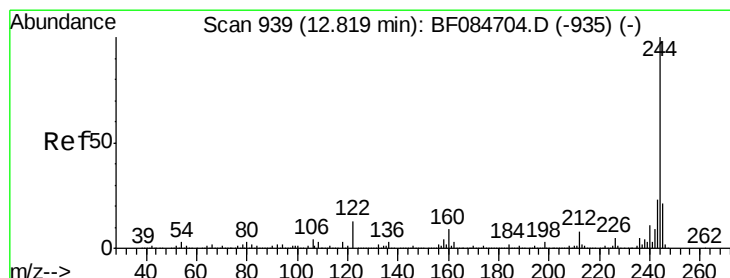
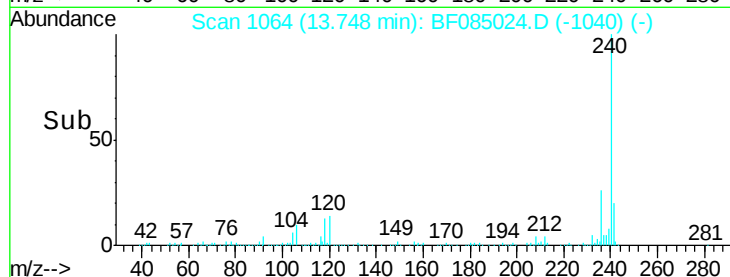
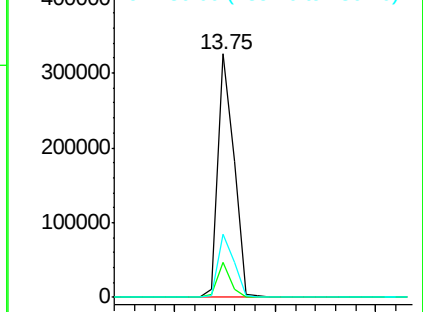
236 25.9 20.6 31.0



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

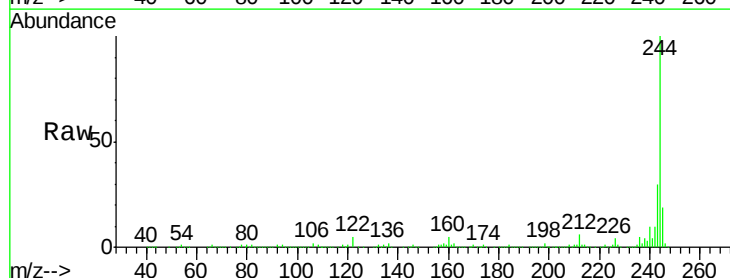
Tgt Ion:244 Resp: 1284582

Ion Ratio Lower Upper

244 100

212 6.3 5.7 8.5

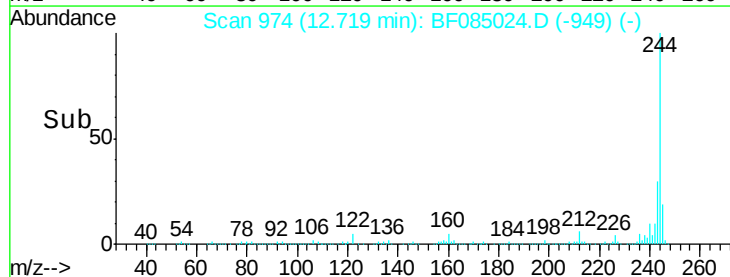
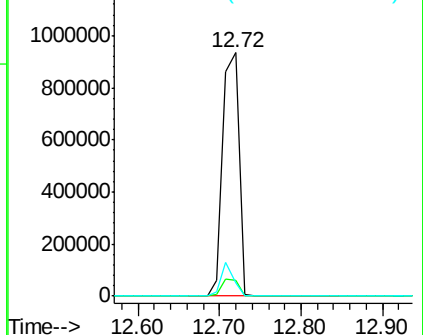
122 5.3 7.4 11.0#

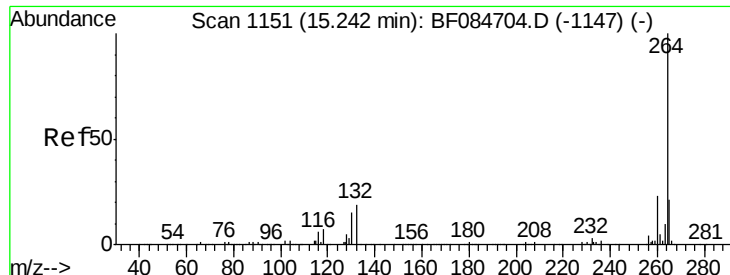


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

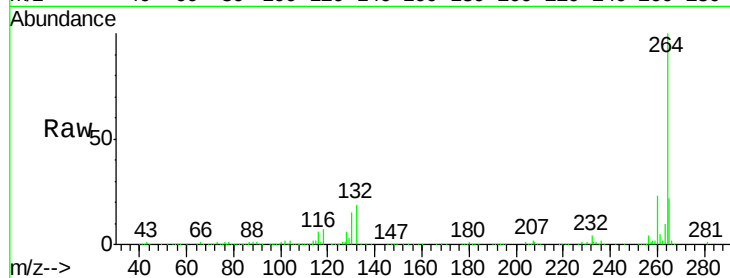




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF085024.D
Acq: 11 Feb 2016 18:11

Instrument :
BNA_F
ClientSampleId :
SB05-1-2

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

