

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
 Data File : BF082024.D
 Acq On : 3 Oct 2015 16:28
 Operator : UM/IZ
 Sample : G3857-08
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A4-COMP

Quant Time: Oct 05 01:51:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

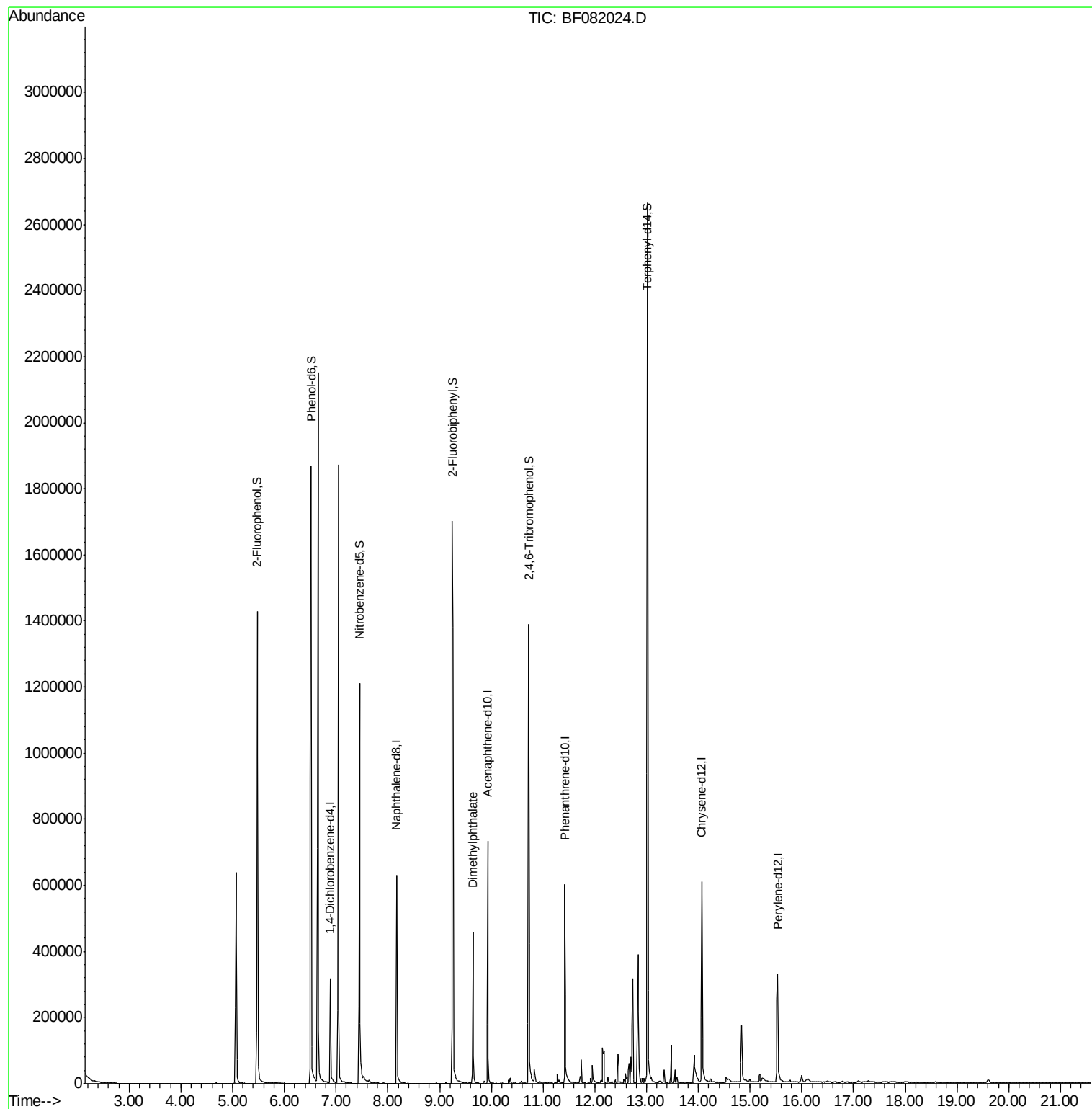
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	78650	20.00	ng	-0.06
21) Naphthalene-d8	8.17	136	322155	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	160123	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	307826	20.00	ng	-0.05
75) Chrysene-d12	14.07	240	291136	20.00	ng	-0.05
86) Perylene-d12	15.53	264	213970	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	563837	130.14	ng	-0.04
7) Phenol-d6	6.51	99	794174	145.67	ng	-0.05
23) Nitrobenzene-d5	7.45	82	458547	94.88	ng	-0.05
41) 2,4,6-Tribromophenol	10.72	330	194967	120.23	ng	-0.05
44) 2-Fluorobiphenyl	9.25	172	887028	94.81	ng	-0.06
78) Terphenyl-d14	13.02	244	977007	123.27	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.65	163	202240	18.30	ng	Qvalue # 97

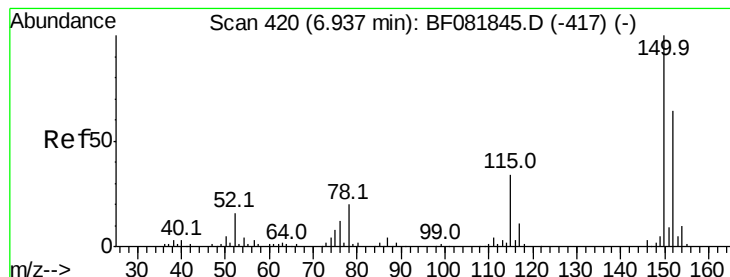
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 415

Delta R.T. -0.06 min

Lab File: BF082024.D

Acq: 3 Oct 2015 16:28

Instrument :

BNA_F

ClientSampleId :

A4-COMP

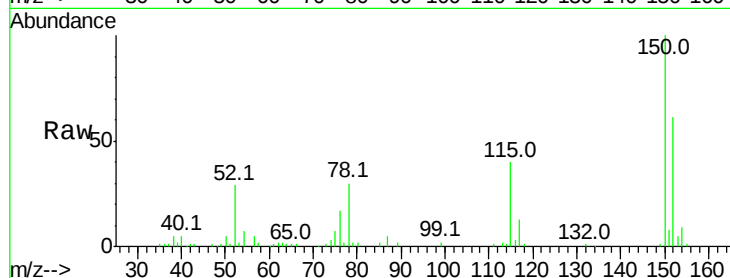
Tot Ion:152 Resp: 78650

Ion Ratio Lower Upper

152 100

150 163.0 124.7 187.1

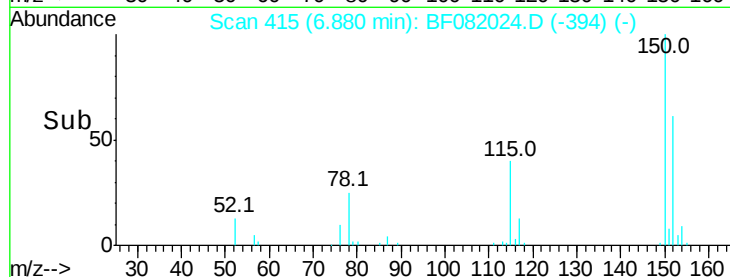
115 65.1 39.0 58.4#



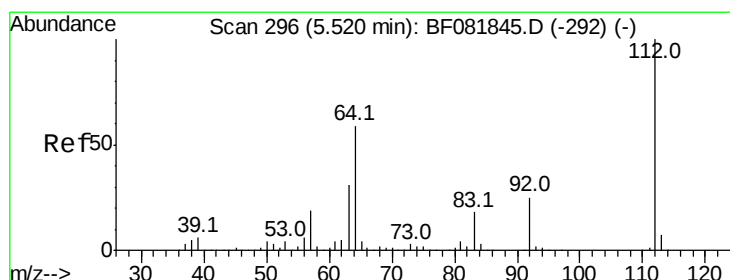
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 130.14 ng

RT: 5.47 min Scan# 292

Delta R.T. -0.04 min

Lab File: BF082024.D

Acq: 3 Oct 2015 16:28

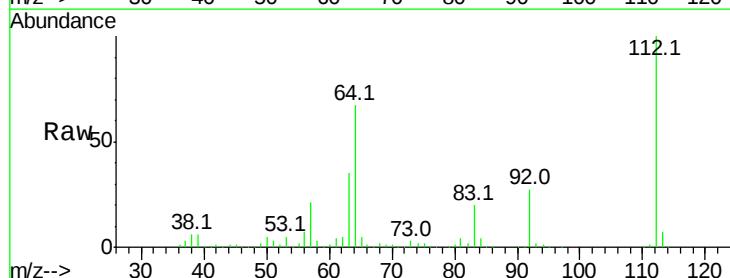
Tgt Ion:112 Resp: 563837

Ion Ratio Lower Upper

112 100

64 66.9 39.7 59.5#

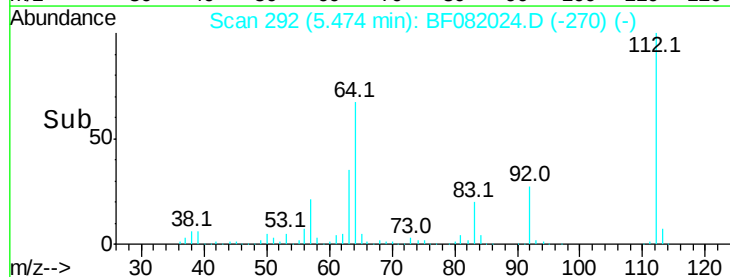
63 34.9 17.4 26.0#



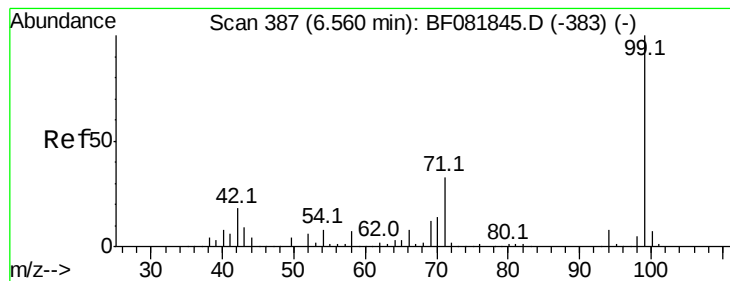
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#7

Phenol-d6

Concen: 145.67 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF082024.D

Acq: 3 Oct 2015 16:28

Instrument :

BNA_F

ClientSampleId :

A4-COMP

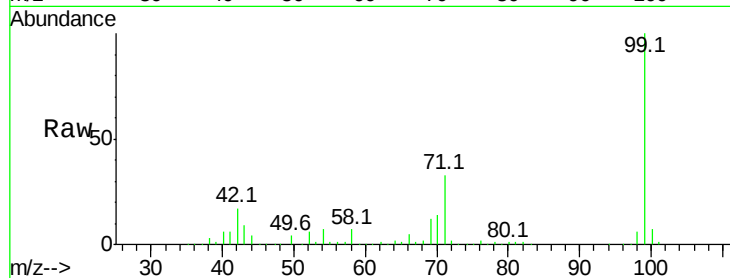
Tot Ion: 99 Resp: 794174

Ion Ratio Lower Upper

99 100

42 16.9 13.7 20.5

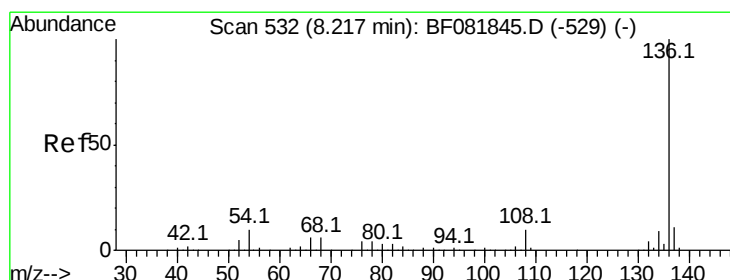
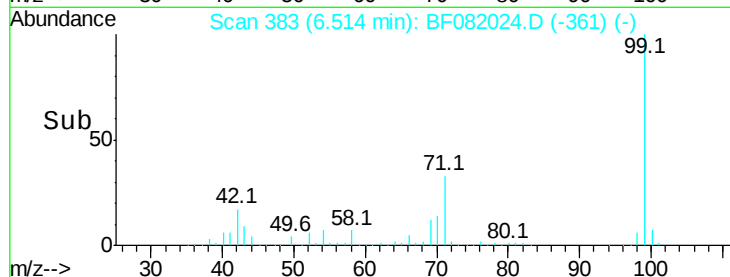
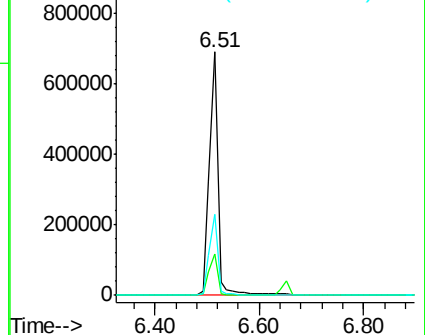
71 33.1 14.2 21.2#



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: 8.17 min Scan# 528

Delta R.T. -0.05 min

Lab File: BF082024.D

Acq: 3 Oct 2015 16:28

Tgt Ion:136 Resp: 322155

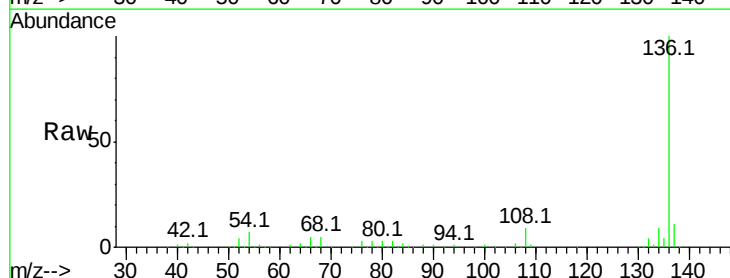
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 7.4 8.2 12.2#

68 5.0 5.8 8.6#

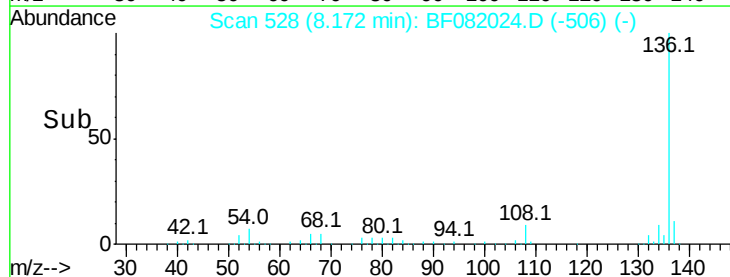
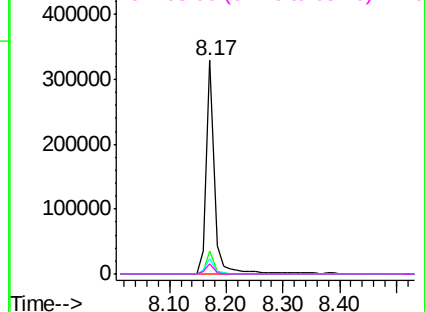


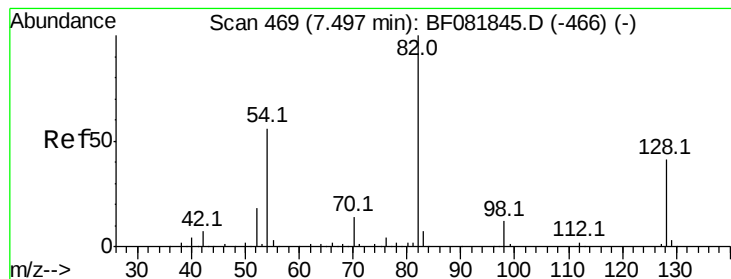
Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.88 ng

RT: 7.45 min Scan# 465

Delta R.T. -0.05 min

Lab File: BF082024.D

Acq: 3 Oct 2015 16:28

Instrument :

BNA_F

ClientSampleId :

A4-COMP

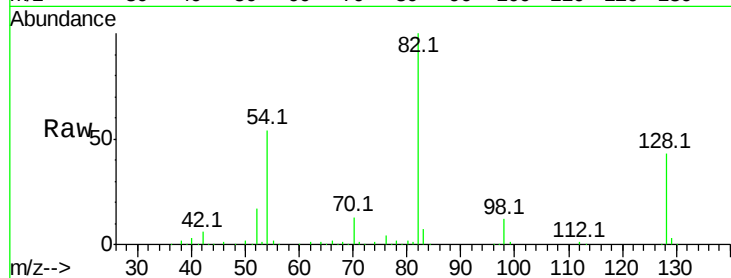
Tot Ion: 82 Resp: 458547

Ion Ratio Lower Upper

82 100

128 42.9 51.0 76.6#

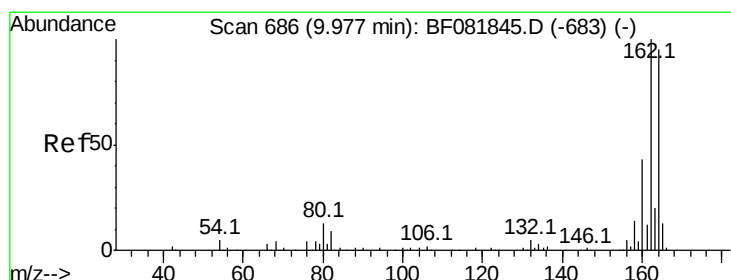
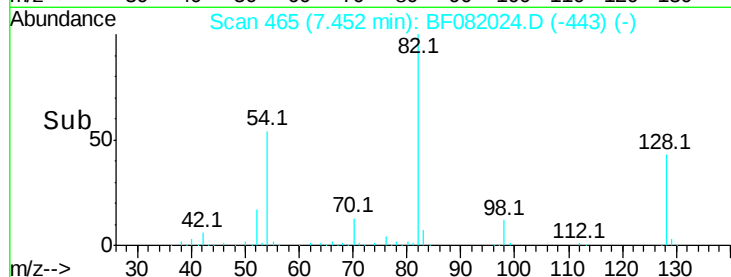
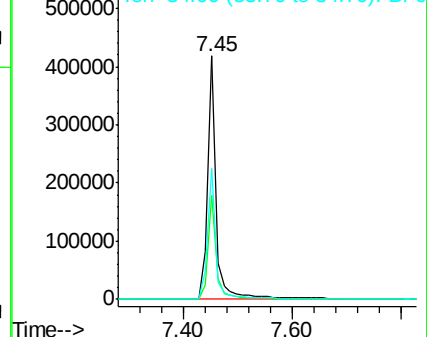
54 54.0 47.5 71.3



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: 9.93 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF082024.D

Acq: 3 Oct 2015 16:28

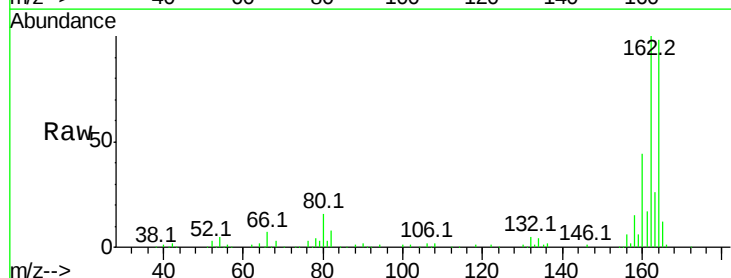
Tgt Ion:164 Resp: 160123

Ion Ratio Lower Upper

164 100

162 102.2 75.2 112.8

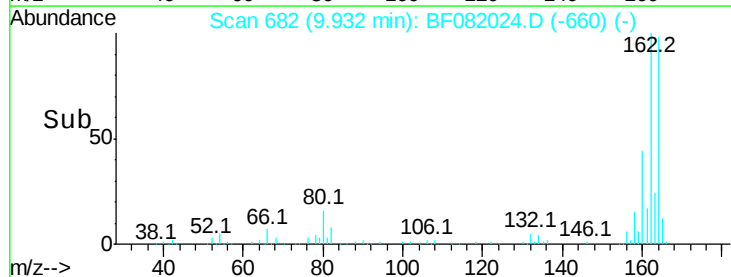
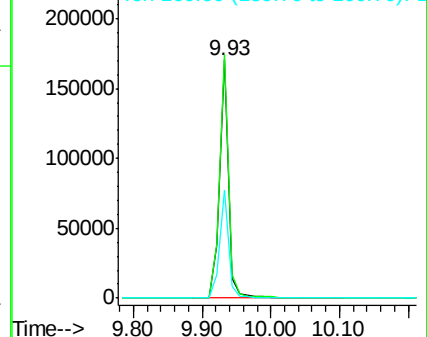
160 45.3 31.5 47.3



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

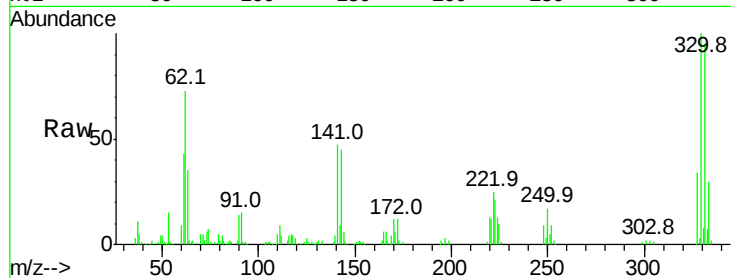




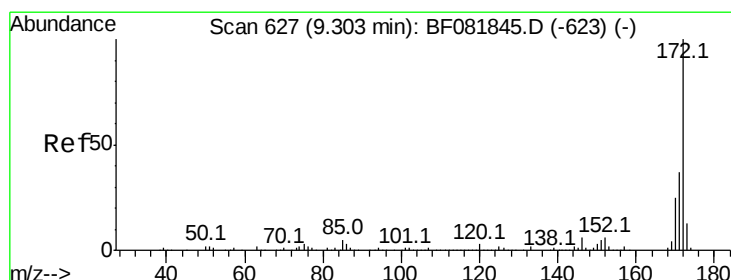
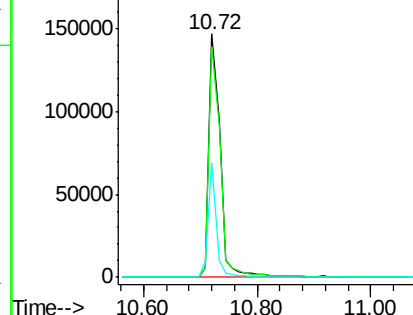
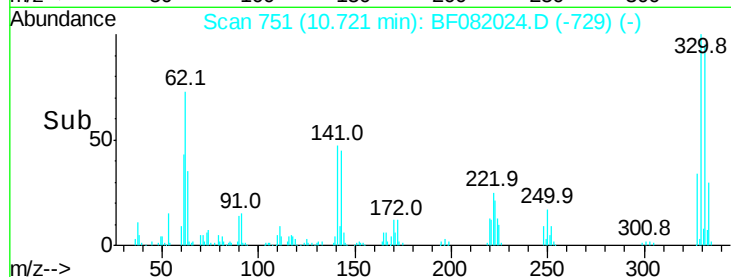
#41
 2,4,6-Tribromophenol
 Concen: 120.23 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.05 min
 Lab File: BF082024.D
 Acq: 3 Oct 2015 16:28

Instrument :
 BNA_F
 ClientSampleId :
 A4-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	114.8
141	34.8	29.7	44.5

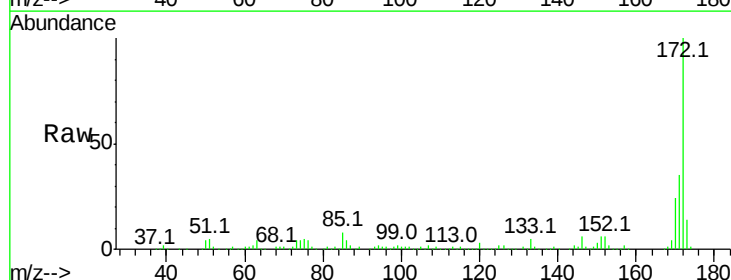


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

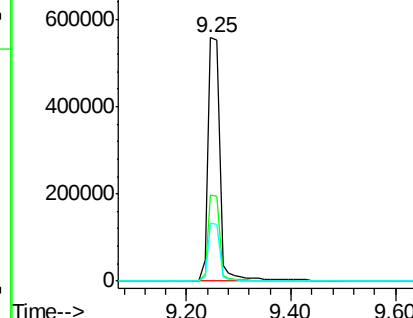
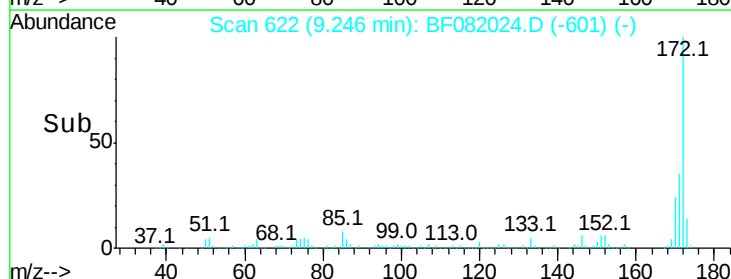


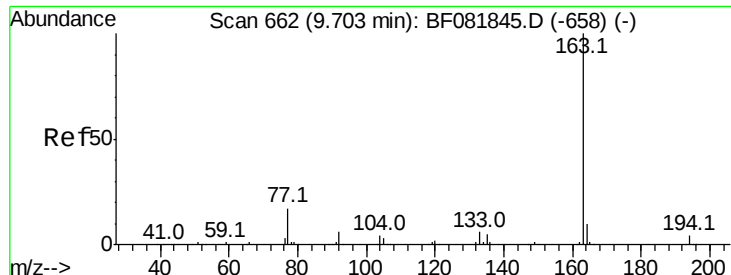
#44
 2-Fluorobiphenyl
 Concen: 94.81 ng
 RT: 9.25 min Scan# 622
 Delta R.T. -0.06 min
 Lab File: BF082024.D
 Acq: 3 Oct 2015 16:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	26.1	39.1
170	24.0	17.4	26.2



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: 18.30 ng

RT: 9.65 min Scan# 657

Delta R.T. -0.06 min

Lab File: BF082024.D

Acq: 3 Oct 2015 16:28

Instrument :

BNA_F

ClientSampleId :

A4-COMP

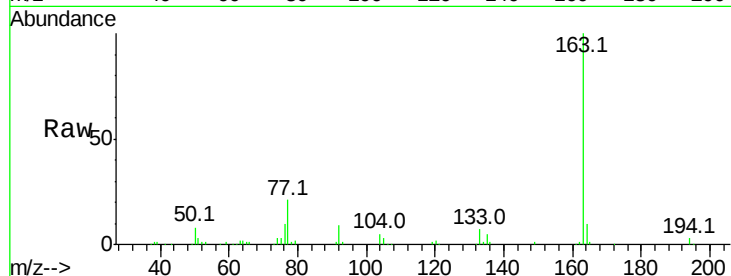
Tot Ion:163 Resp: 202240

Ion Ratio Lower Upper

163 100

194 3.3 4.4 6.6#

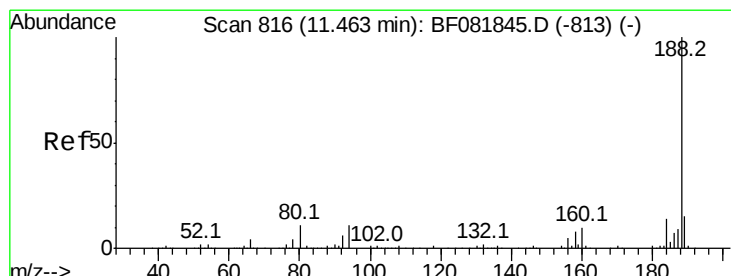
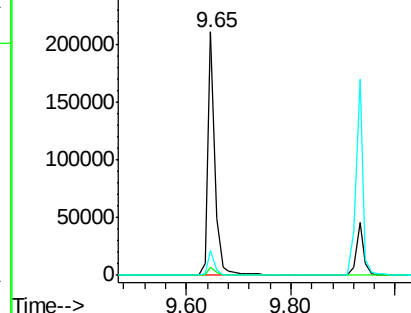
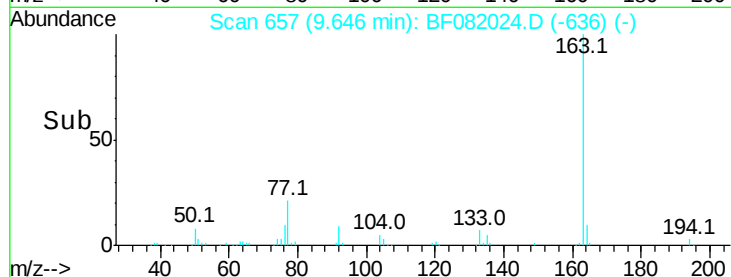
164 10.1 8.3 12.5



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: 11.42 min Scan# 812

Delta R.T. -0.05 min

Lab File: BF082024.D

Acq: 3 Oct 2015 16:28

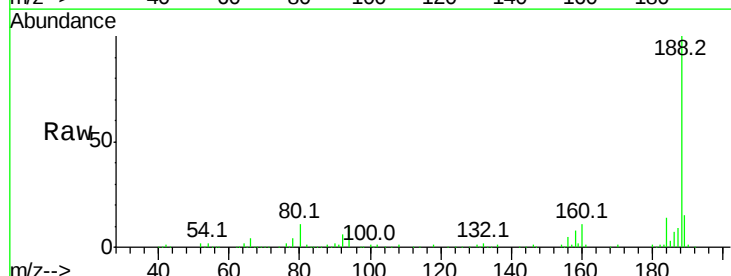
Tgt Ion:188 Resp: 307826

Ion Ratio Lower Upper

188 100

94 10.4 11.1 16.7#

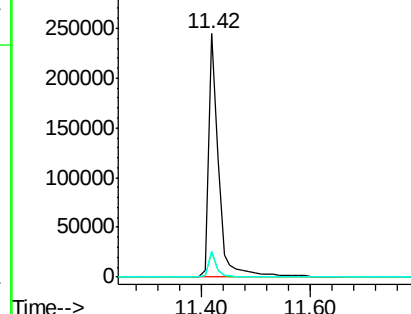
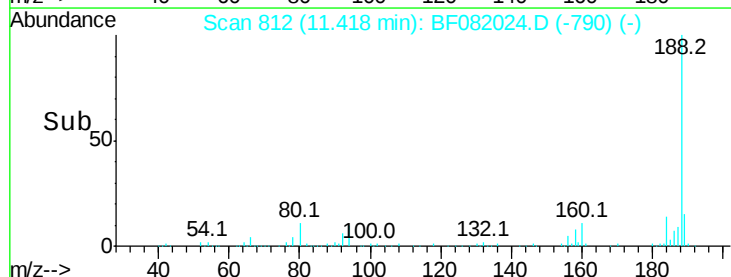
80 10.8 11.0 16.4#

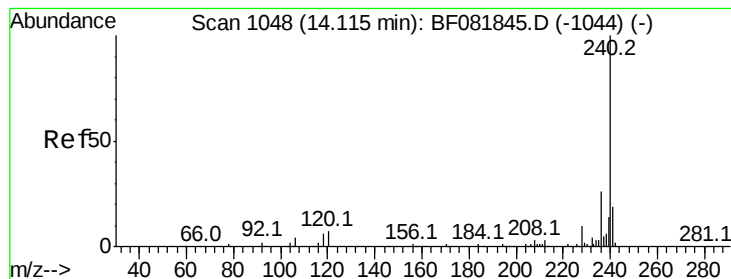


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.07 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF082024.D

Acq: 3 Oct 2015 16:28

Instrument :

BNA_F

ClientSampleId :

A4-COMP

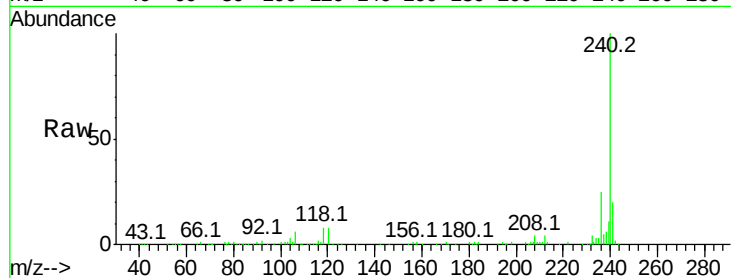
Tot Ion:240 Resp: 291136

Ion Ratio Lower Upper

240 100

120 8.3 16.2 24.2#

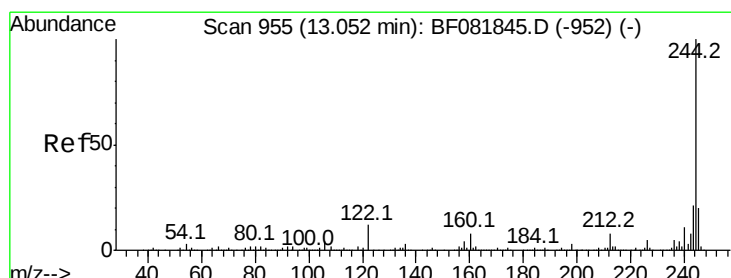
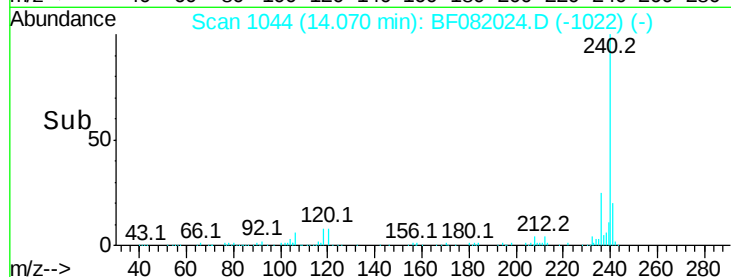
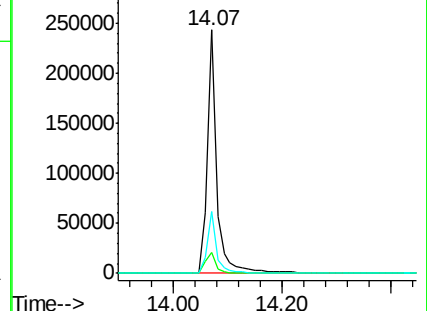
236 25.5 18.4 27.6



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: 123.27 ng

RT: 13.02 min Scan# 952

Delta R.T. -0.03 min

Lab File: BF082024.D

Acq: 3 Oct 2015 16:28

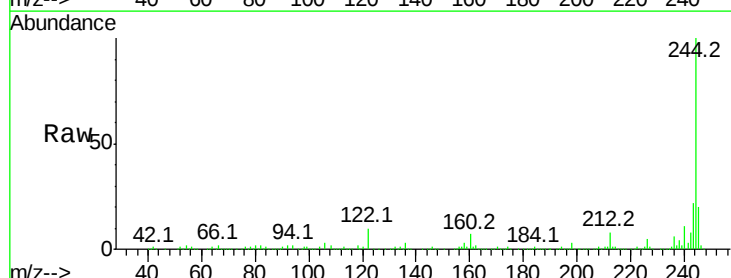
Tgt Ion:244 Resp: 977007

Ion Ratio Lower Upper

244 100

212 7.6 4.3 6.5#

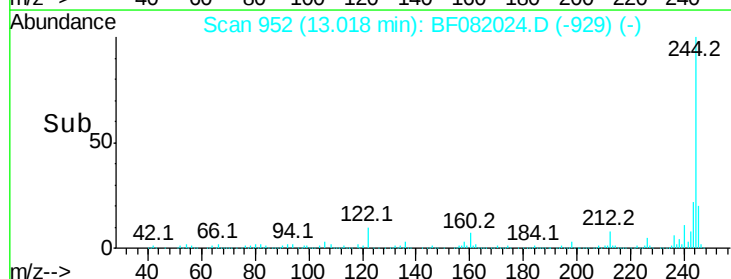
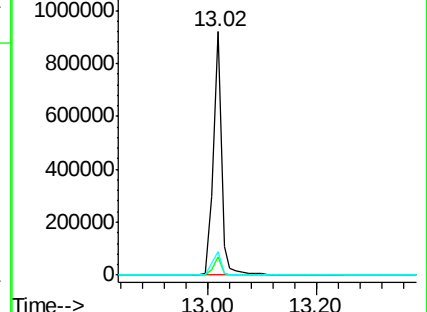
122 9.8 17.4 26.2#

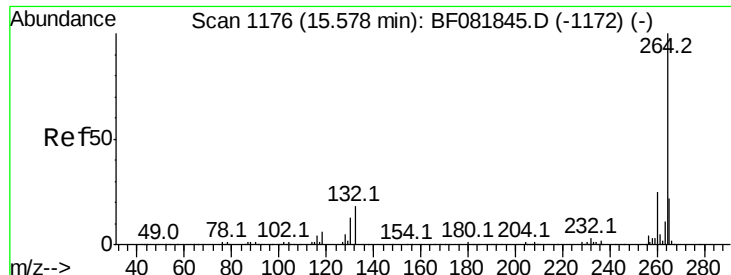


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

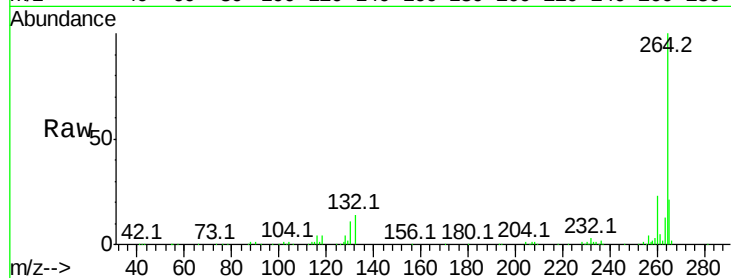




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1172
Delta R.T. -0.05 min
Lab File: BF082024.D
Acq: 3 Oct 2015 16:28

Instrument :
BNA_F
ClientSampleId :
A4-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	16.7	25.1
265	21.1	17.2	25.8



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

