

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052915\
 Data File : BF079565.D
 Acq On : 29 May 2015 17:31
 Operator : TP/IZ
 Sample : PB83653BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83653BL

Quant Time: May 29 23:37:32 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 23:13:06 2015
 Response via : Initial Calibration

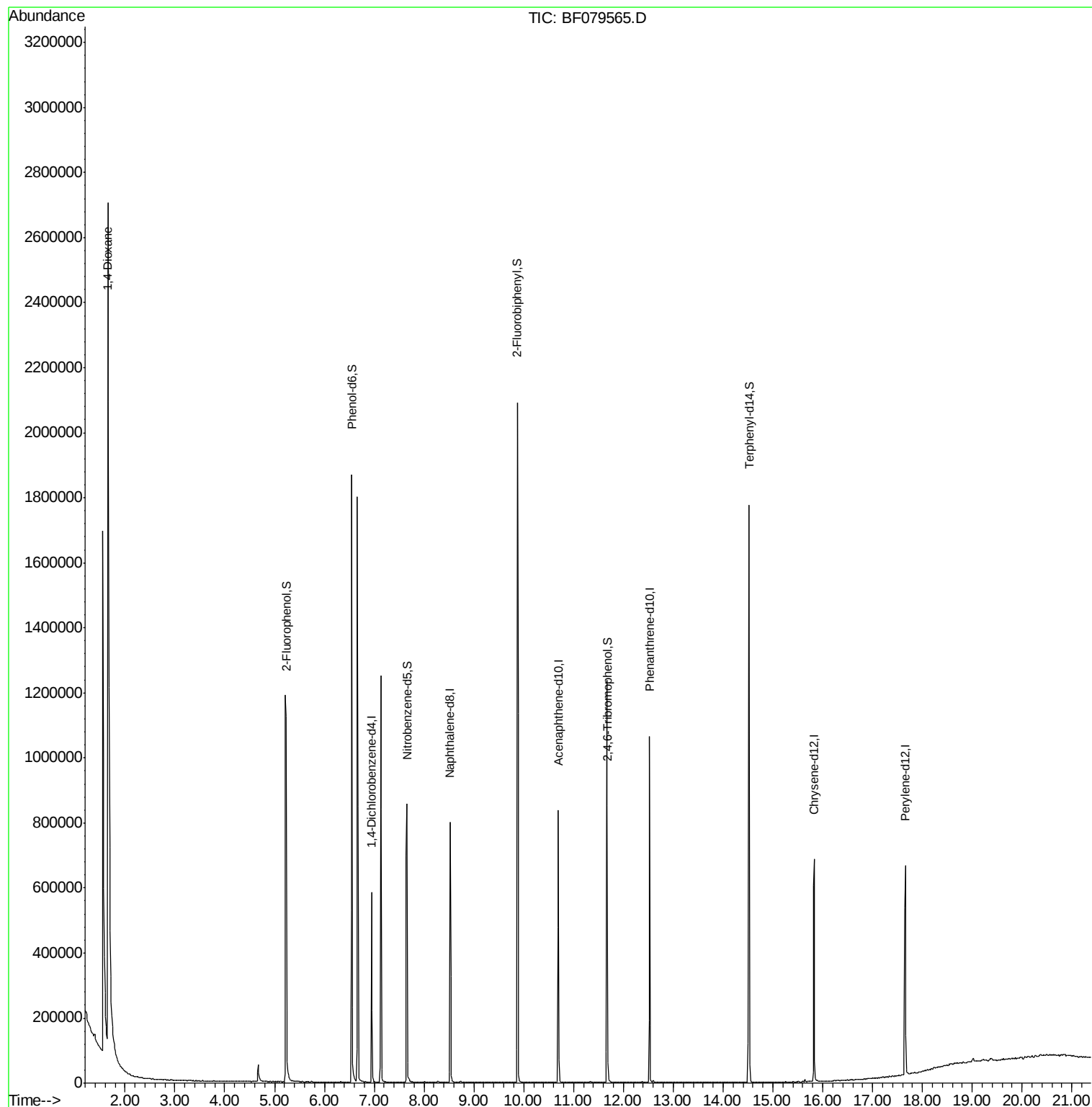
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	99534	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	420199	20.00	ng	-0.01
38) Acenaphthene-d10	10.70	164	210349	20.00	ng	0.00
63) Phenanthrene-d10	12.53	188	402558	20.00	ng	0.00
75) Chrysene-d12	15.83	240	371182	20.00	ng	-0.05
86) Perylene-d12	17.66	264	357392	20.00	ng	-0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	570583	99.43	ng	0.00
7) Phenol-d6	6.55	99	730153	99.82	ng	0.00
23) Nitrobenzene-d5	7.66	82	397402	54.67	ng	0.00
41) 2,4,6-Tribromophenol	11.68	330	219227	94.89	ng	0.00
44) 2-Fluorobiphenyl	9.87	172	818287	55.50	ng	-0.01
78) Terphenyl-d14	14.53	244	921031	58.23	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.66	88	139901	51.25	ng	# 100
73) Di-n-butylphthalate	13.29	149	280	Below	Cal	# 78
89) Benzo(a)pyrene	17.59	252	2134	Below	Cal	# 60
90) Dibenzo(a,h)anthracene	19.02	278	5031	Below	Cal	# 81
91) Benzo(g,h,i)perylene	19.37	276	4258	Below	Cal	# 98

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052915\
Data File : BF079565.D
Acq On : 29 May 2015 17:31
Operator : TP/IZ
Sample : PB83653BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB83653BL

Quant Time: May 29 23:37:32 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 23:13:06 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF079565.D

Acq: 29 May 2015 17:31

Instrument :

BNA_F

ClientSampleId :

PB83653BL

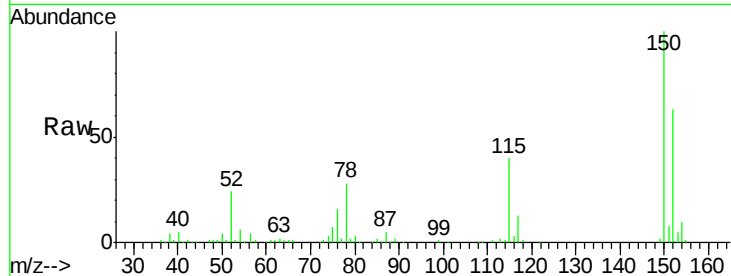
Tgt Ion:152 Resp: 99534

Ion Ratio Lower Upper

152 100

150 158.8 124.0 186.0

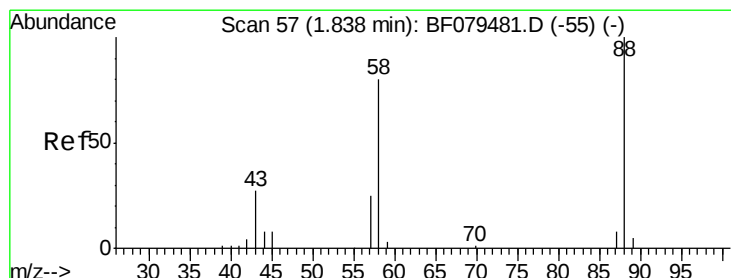
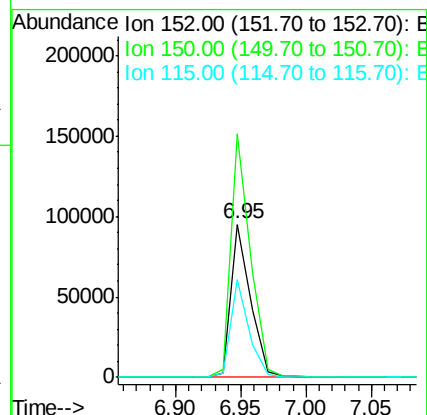
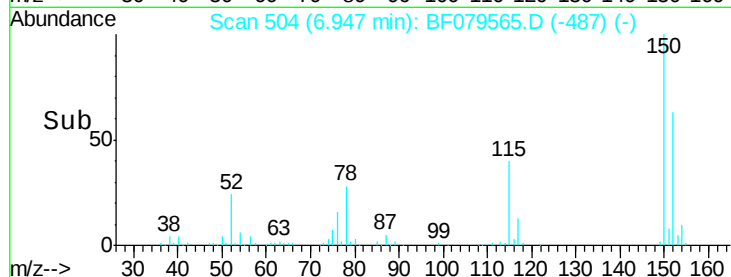
115 64.0 49.6 74.4



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



#2

1,4-Dioxane

Concen: 51.25 ng

RT: 1.66 min Scan# 41

Delta R.T. -0.11 min

Lab File: BF079565.D

Acq: 29 May 2015 17:31

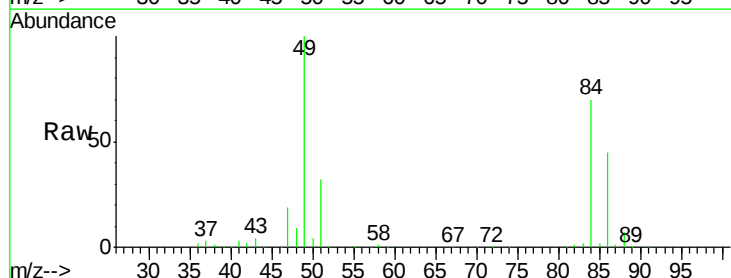
Tgt Ion: 88 Resp: 139901

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

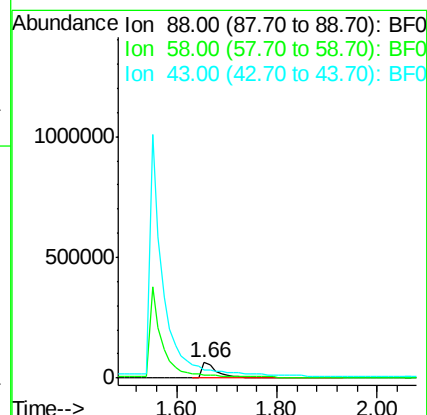
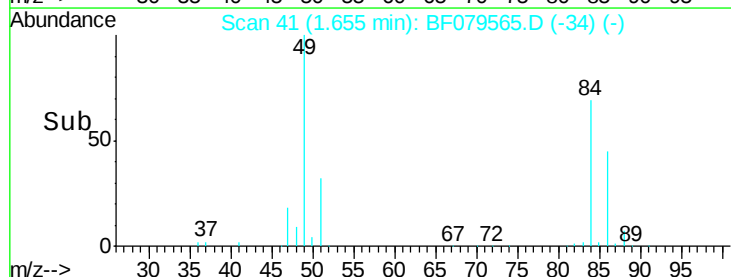
43 0.0 0.0 0.0

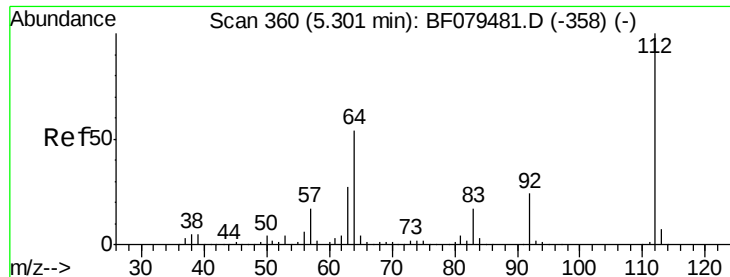


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 99.43 ng

RT: 5.23 min Scan# 354

Delta R.T. -0.00 min

Lab File: BF079565.D

Acq: 29 May 2015 17:31

Instrument :

BNA_F

ClientSampleID :

PB83653BL

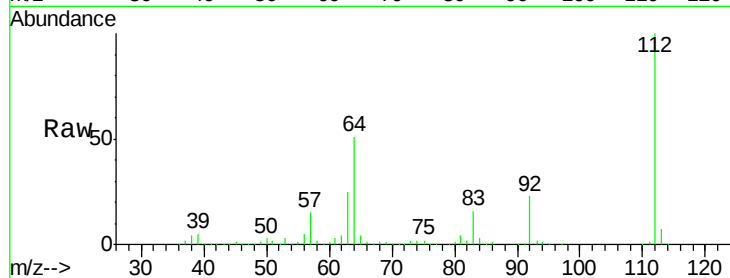
Tgt Ion: 112 Resp: 570583

Ion Ratio Lower Upper

112 100

64 50.7 43.5 65.3

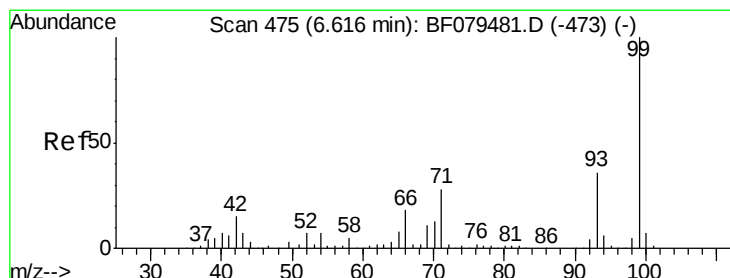
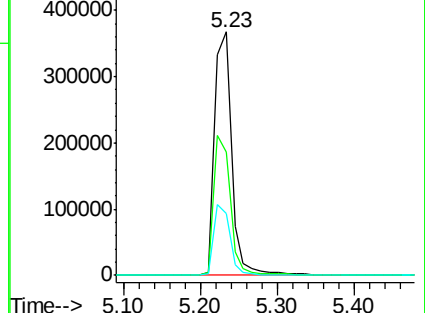
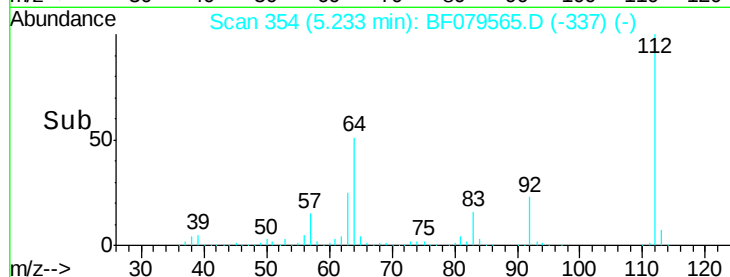
63 25.2 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 99.82 ng

RT: 6.55 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF079565.D

Acq: 29 May 2015 17:31

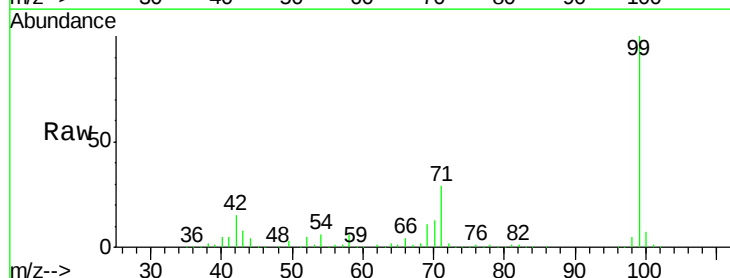
Tgt Ion: 99 Resp: 730153

Ion Ratio Lower Upper

99 100

42 15.3 11.9 17.9

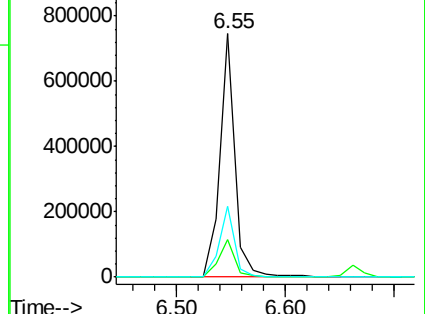
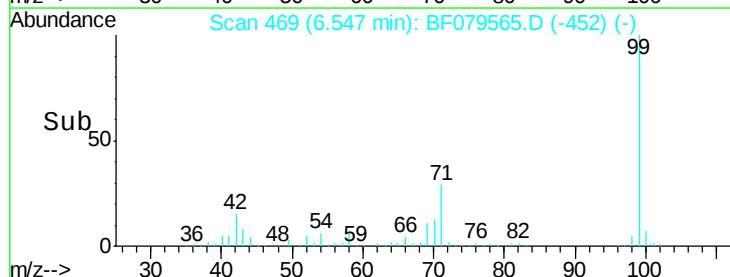
71 29.1 22.1 33.1



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

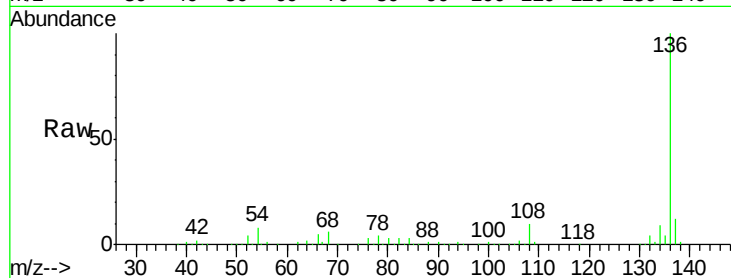




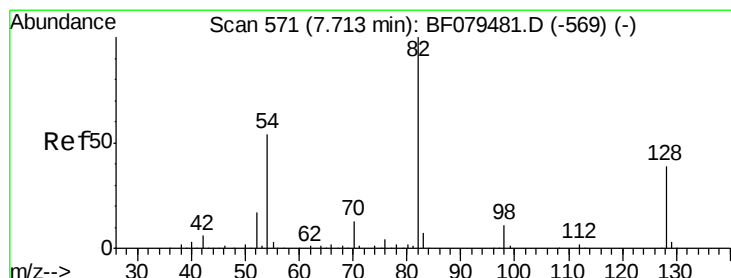
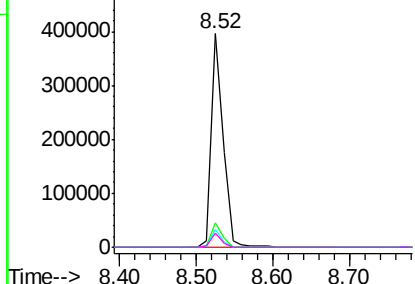
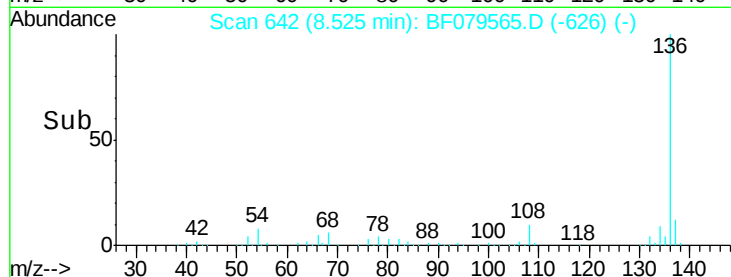
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.52 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF079565.D
Acq: 29 May 2015 17:31

Instrument :
BNA_F
ClientSampleId :
PB83653BL

Tgt Ion:	136	Resp:	420199
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.5	12.7
54	8.3	6.6	9.8
68	6.4	4.7	7.1

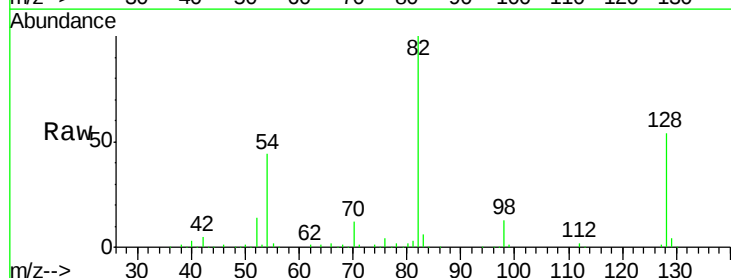


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

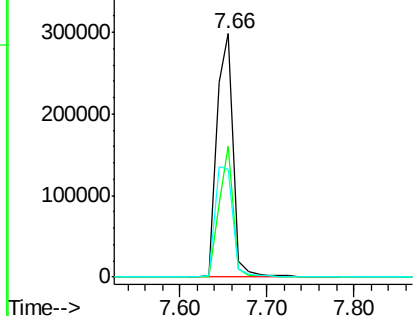
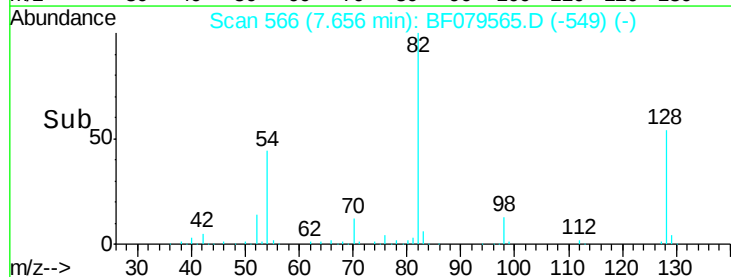


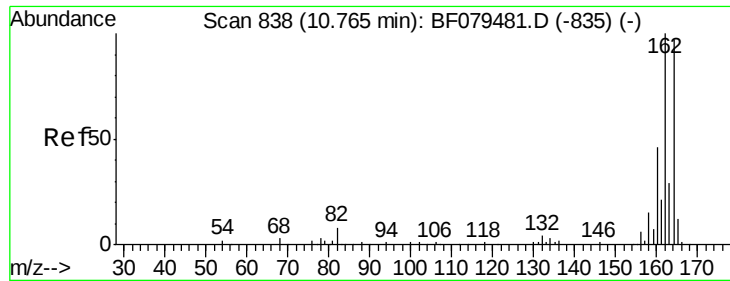
#23
Nitrobenzene-d5
Concen: 54.67 ng
RT: 7.66 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF079565.D
Acq: 29 May 2015 17:31

Tgt Ion:	82	Resp:	397402
Ion	Ratio	Lower	Upper
82	100		
128	54.0	30.8	46.2#
54	44.4	42.8	64.2



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

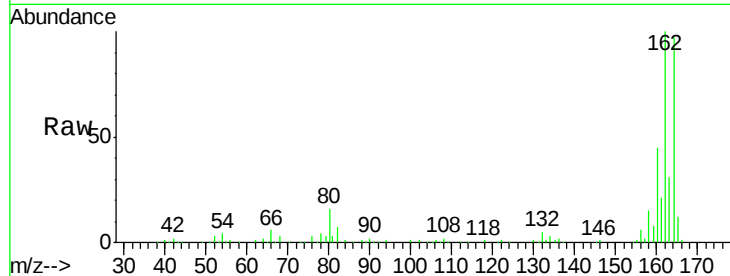




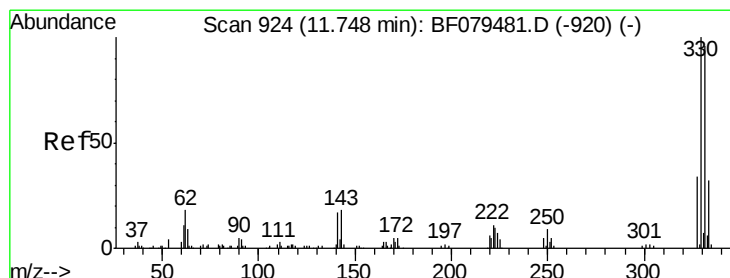
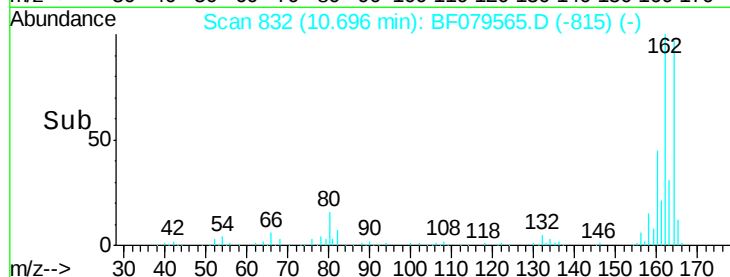
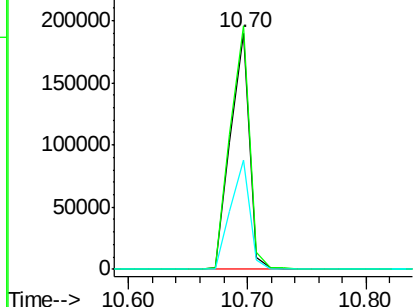
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.70 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF079565.D
Acq: 29 May 2015 17:31

Instrument :
BNA_F
ClientSampleId :
PB83653BL

Tgt Ion:164 Resp: 210349
Ion Ratio Lower Upper
164 100
162 103.1 82.6 124.0
160 46.4 37.7 56.5

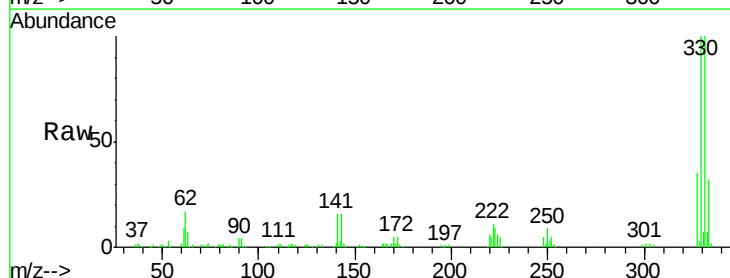


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

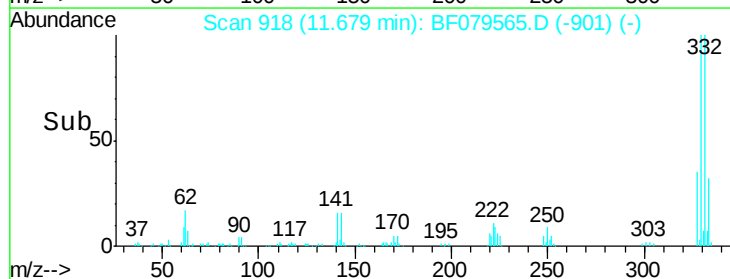
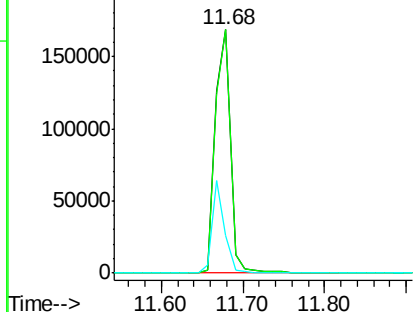


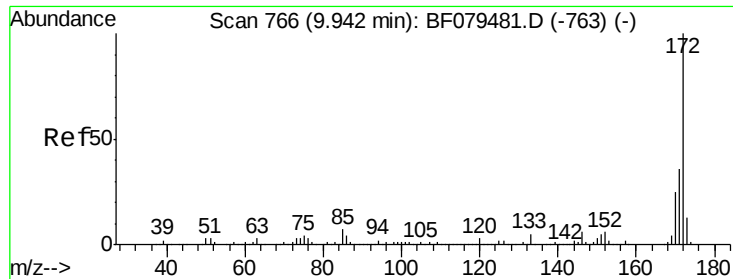
#41
2,4,6-Tribromophenol
Concen: 94.89 ng
RT: 11.68 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF079565.D
Acq: 29 May 2015 17:31

Tgt Ion:330 Resp: 219227
Ion Ratio Lower Upper
330 100
332 99.2 0.0 0.0#
141 31.1 0.0 0.0#



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

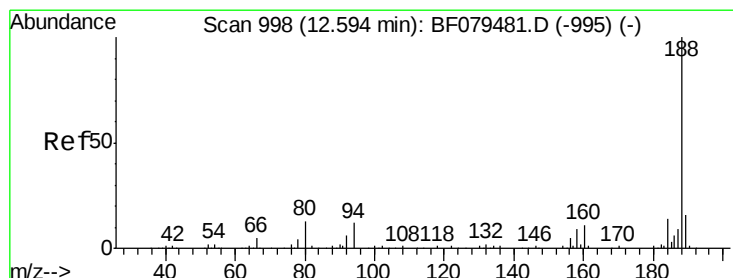
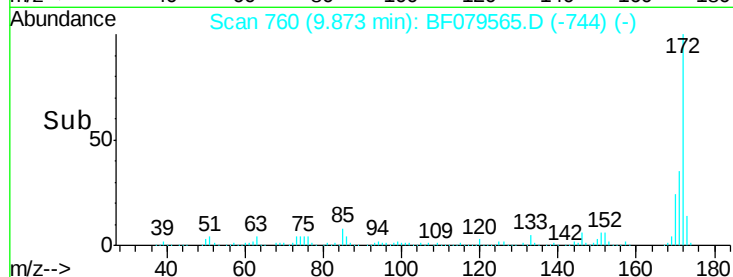
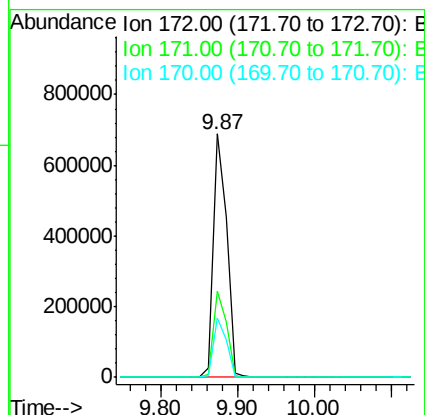
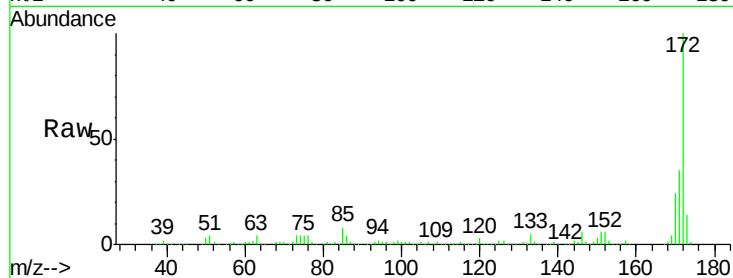




#44
 2-Fluorobiphenyl
 Concen: 55.50 ng
 RT: 9.87 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF079565.D
 Acq: 29 May 2015 17:31

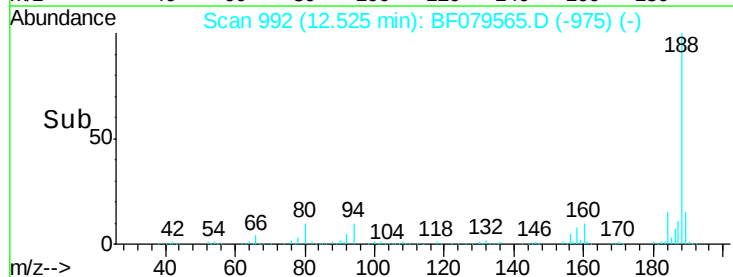
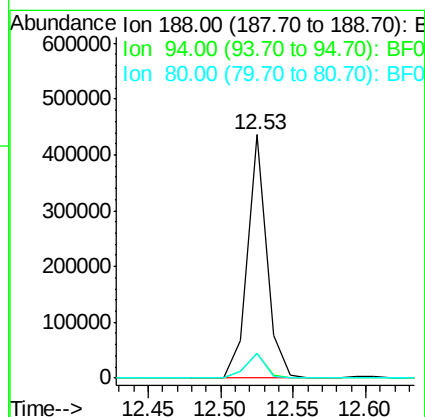
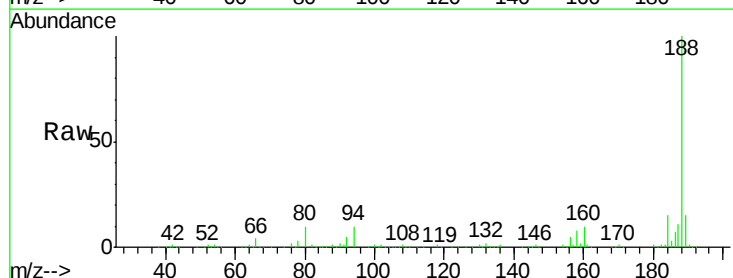
Instrument :
 BNA_F
 ClientSampleId :
 PB83653BL

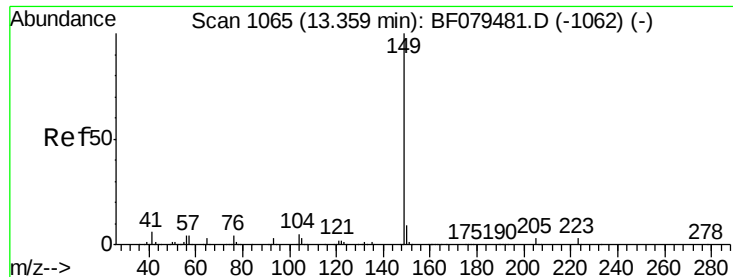
Tgt Ion:172 Resp: 818287
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 24.3 19.7 29.5



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.53 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: BF079565.D
 Acq: 29 May 2015 17:31

Tgt Ion:188 Resp: 402558
 Ion Ratio Lower Upper
 188 100
 94 10.1 9.8 14.6
 80 10.2 10.5 15.7#





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 13.29 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BF079565.D

Acq: 29 May 2015 17:31

Instrument :

BNA_F

ClientSampled :

PB83653BL

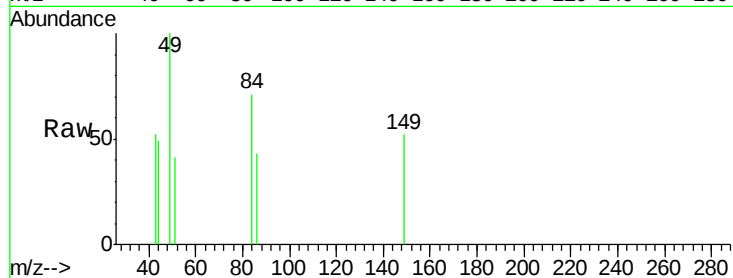
Tgt Ion:149 Resp: 280

Ion Ratio Lower Upper

149 100

150 0.0 7.5 11.3#

104 0.0 3.6 5.4#



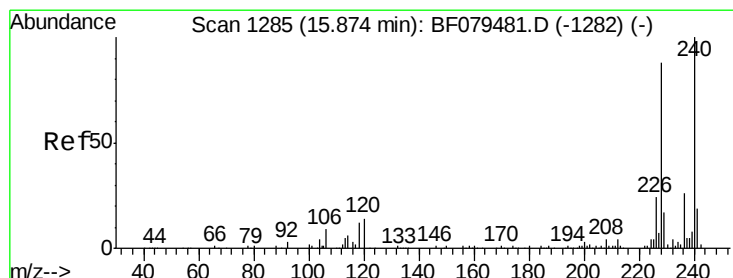
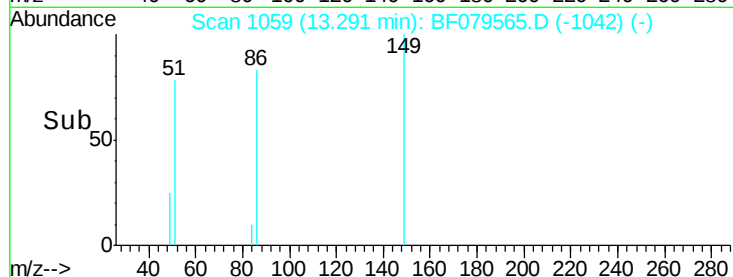
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

13.29

Time--> 13.25 13.30



#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.83 min Scan# 1281

Delta R.T. -0.05 min

Lab File: BF079565.D

Acq: 29 May 2015 17:31

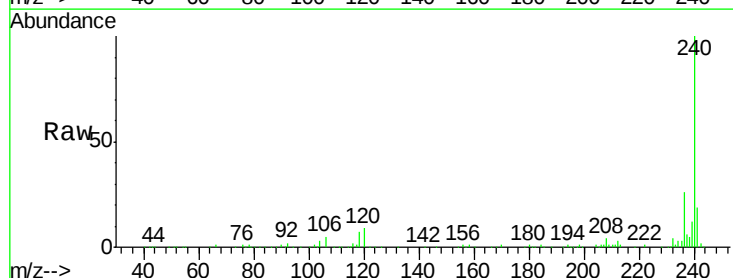
Tgt Ion:240 Resp: 371182

Ion Ratio Lower Upper

240 100

120 8.7 10.8 16.2#

236 25.9 21.0 31.6



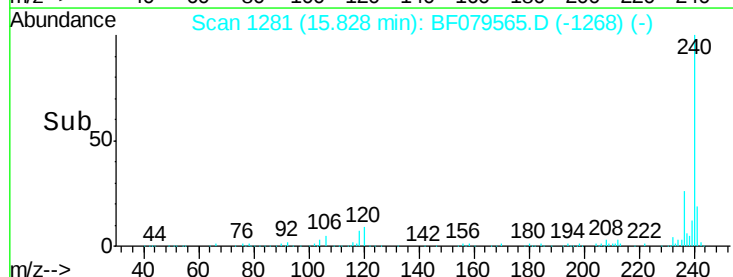
Abundance Ion 240.00 (239.70 to 240.70): E

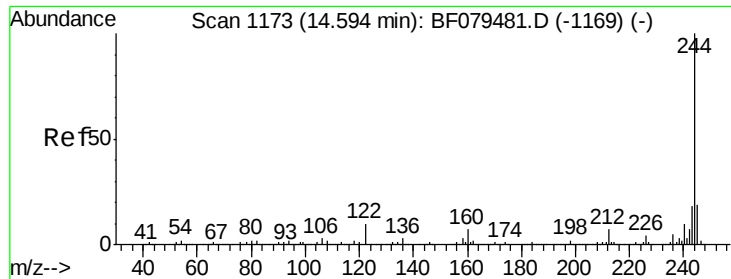
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

15.83

Time--> 15.70 15.80 15.90 16.00





#78

Terphenyl-d14

Concen: 58.23 ng

RT: 14.53 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF079565.D

Acq: 29 May 2015 17:31

Instrument :

BNA_F

ClientSampleId :

PB83653BL

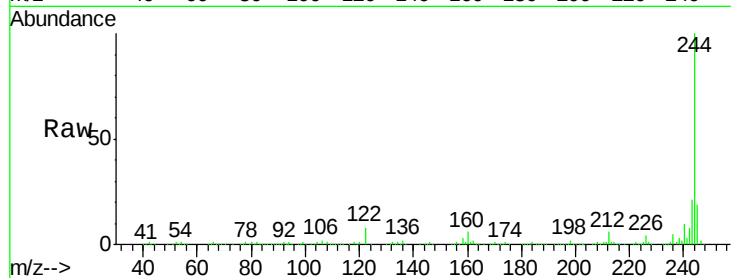
Tgt Ion:244 Resp: 921031

Ion Ratio Lower Upper

244 100

212 6.1 5.2 7.8

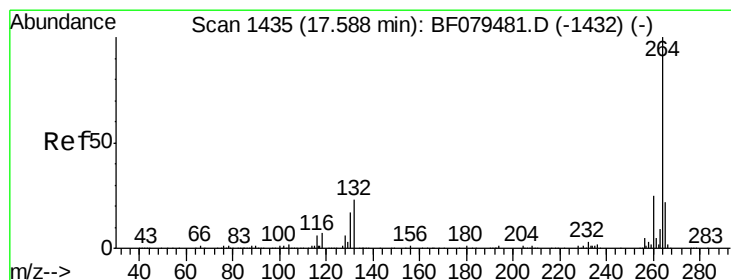
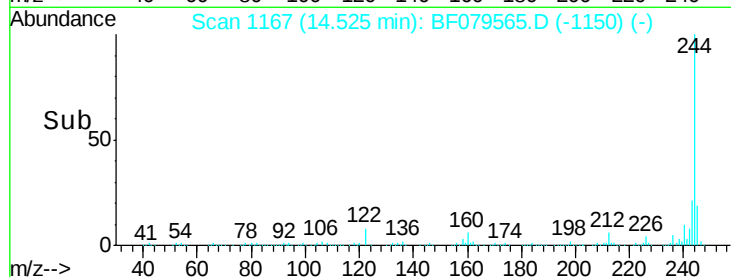
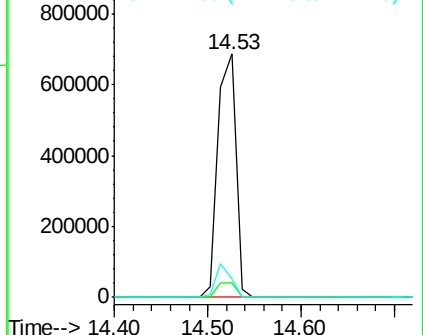
122 7.8 8.0 12.0#



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: 17.66 min Scan# 1441

Delta R.T. -0.15 min

Lab File: BF079565.D

Acq: 29 May 2015 17:31

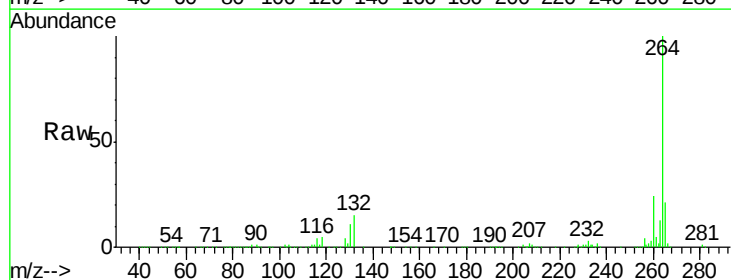
Tgt Ion:264 Resp: 357392

Ion Ratio Lower Upper

264 100

260 24.1 19.8 29.8

265 21.4 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

