

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052915\
 Data File : BF079560.D
 Acq On : 29 May 2015 15:07
 Operator : TP/IZ
 Sample : PB83625BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83625BL

Quant Time: May 29 23:35:53 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

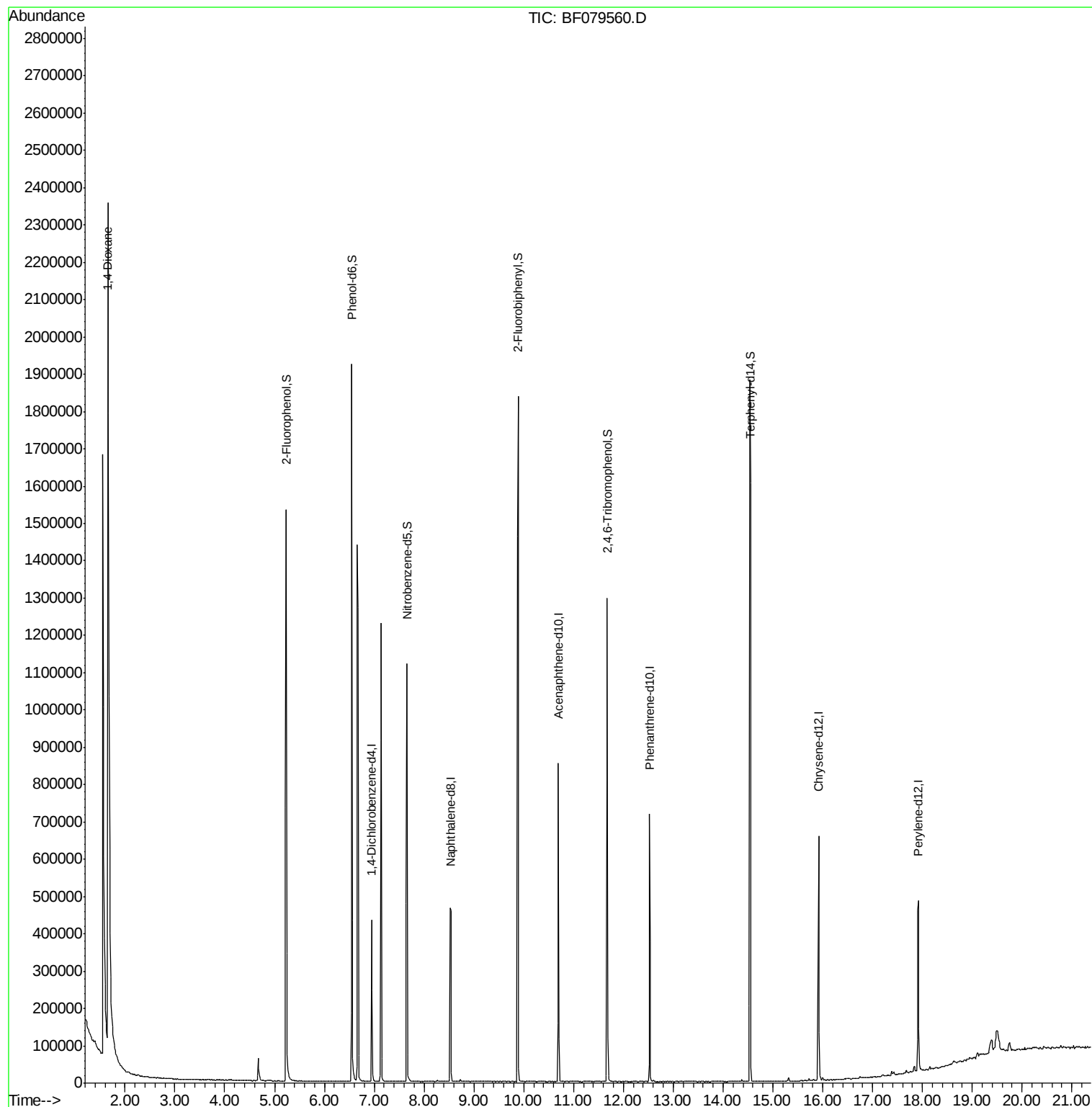
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	84214	20.00	ng	0.00
21) Naphthalene-d8	8.54	136	338814	20.00	ng	0.00
38) Acenaphthene-d10	10.70	164	171099	20.00	ng	0.00
63) Phenanthrene-d10	12.53	188	324588	20.00	ng	0.00
75) Chrysene-d12	15.92	240	298910	20.00	ng	0.05
86) Perylene-d12	17.92	264	287151	20.00	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	579435	119.34	ng	0.00
7) Phenol-d6	6.55	99	700057	113.12	ng	0.00
23) Nitrobenzene-d5	7.66	82	412302	70.34	ng	0.00
41) 2,4,6-Tribromophenol	11.68	330	218548	116.29	ng	0.00
44) 2-Fluorobiphenyl	9.88	172	829112	69.13	ng	0.00
78) Terphenyl-d14	14.55	244	930089	73.02	ng	0.02
Target Compounds						
2) 1,4-Dioxane	1.66	88	114148	49.42	ng	# 100
73) Di-n-butylphthalate	13.29	149	811	Below	Cal	# 78
89) Benzo(a)pyrene	17.84	252	11237	Below	Cal	94
91) Benzo(g,h,i)perylene	19.75	276	19239	Below	Cal	98

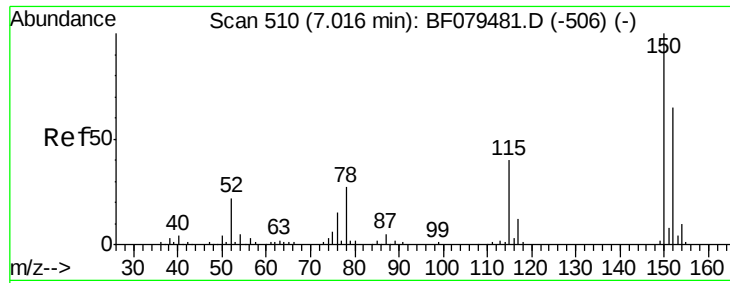
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF079560.D

Acq: 29 May 2015 15:07

Instrument :

BNA_F

ClientSampled :

PB83625BL

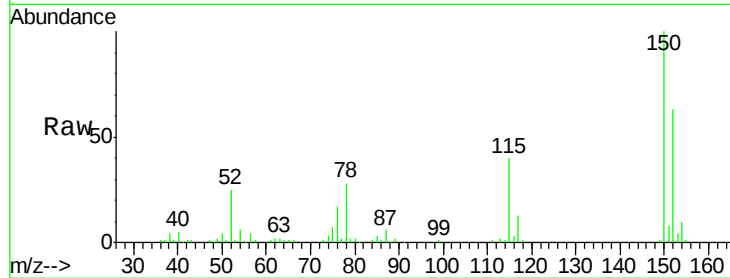
Tgt Ion:152 Resp: 84214

Ion Ratio Lower Upper

152 100

150 158.4 124.0 186.0

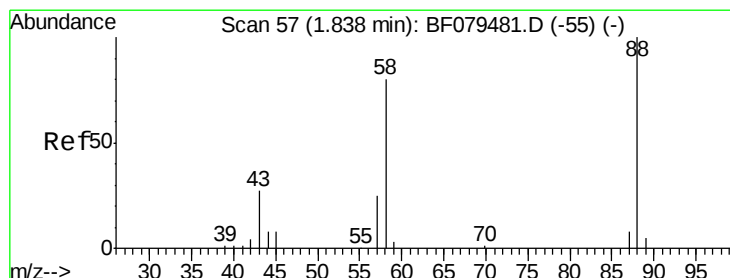
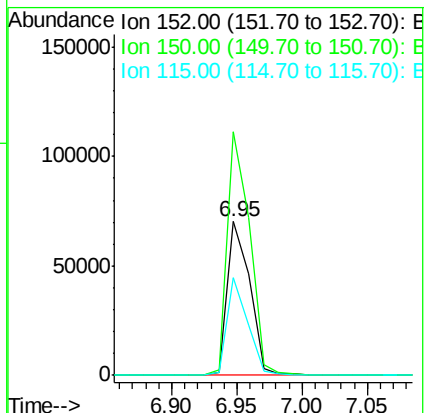
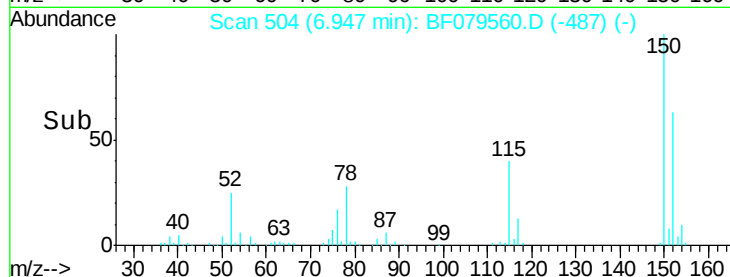
115 63.9 49.6 74.4



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: 49.42 ng

RT: 1.66 min Scan# 41

Delta R.T. -0.11 min

Lab File: BF079560.D

Acq: 29 May 2015 15:07

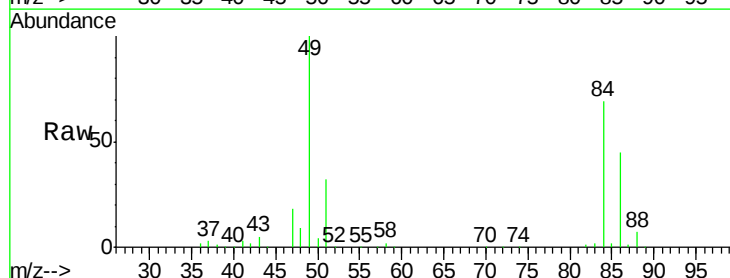
Tgt Ion: 88 Resp: 114148

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

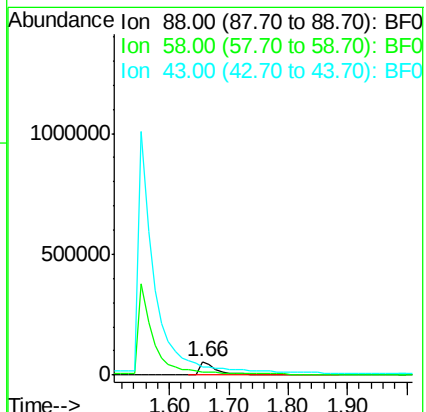
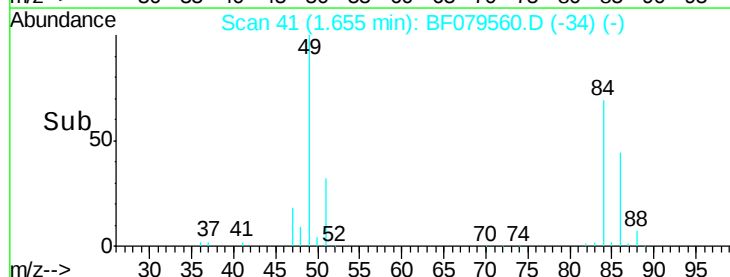
43 0.0 0.0 0.0

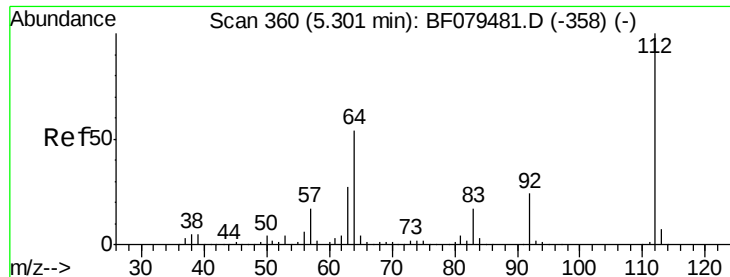


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 119.34 ng

RT: 5.23 min Scan# 354

Delta R.T. -0.00 min

Lab File: BF079560.D

Acq: 29 May 2015 15:07

Instrument :

BNA_F

ClientSampled :

PB83625BL

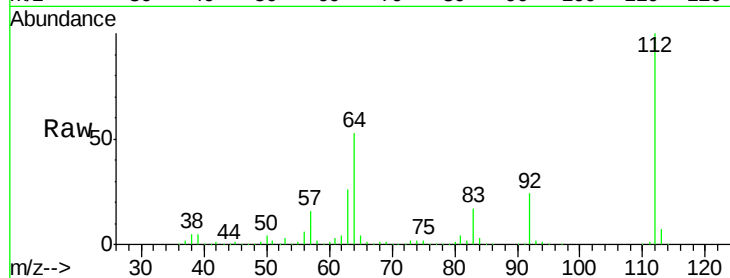
Tgt Ion: 112 Resp: 579435

Ion Ratio Lower Upper

112 100

64 52.9 43.5 65.3

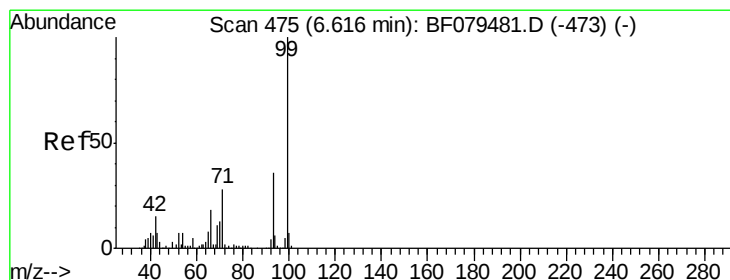
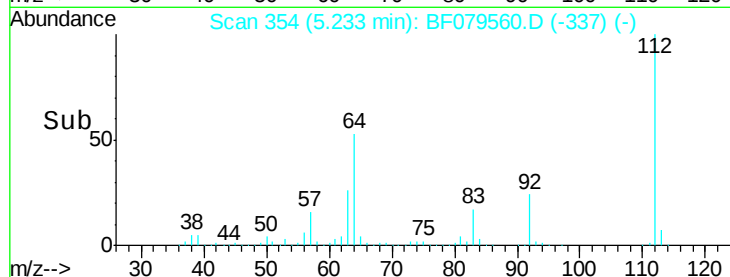
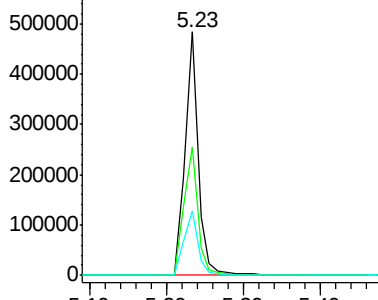
63 26.4 21.8 32.8



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: 113.12 ng

RT: 6.55 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF079560.D

Acq: 29 May 2015 15:07

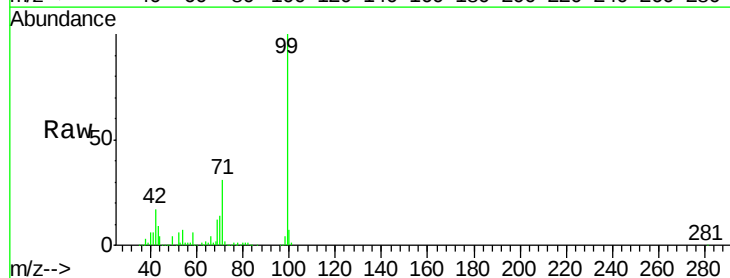
Tgt Ion: 99 Resp: 700057

Ion Ratio Lower Upper

99 100

42 17.0 11.9 17.9

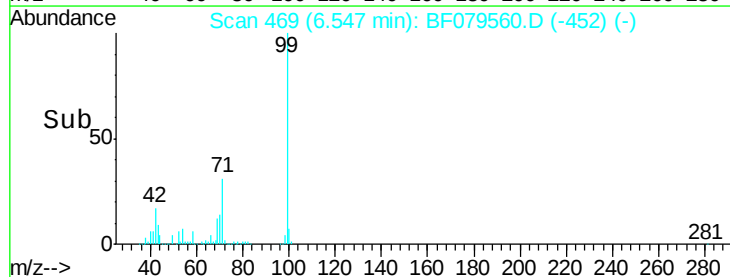
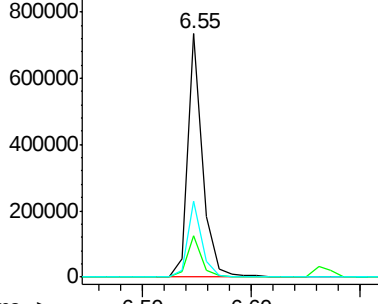
71 31.2 22.1 33.1



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

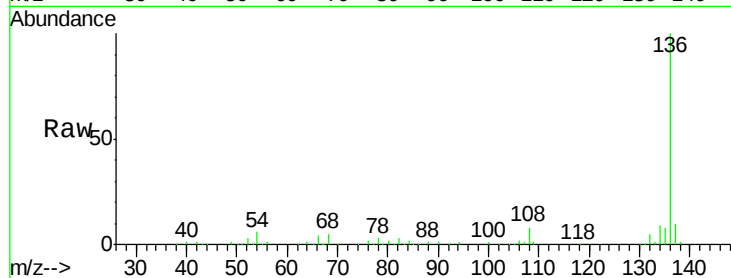




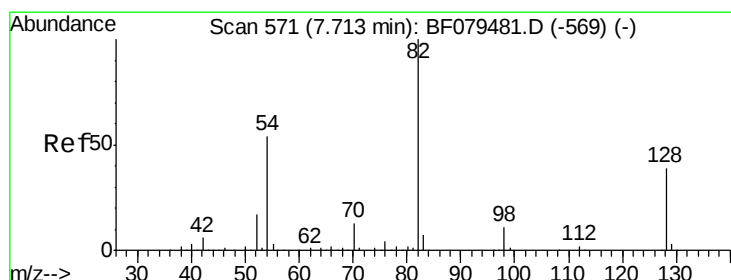
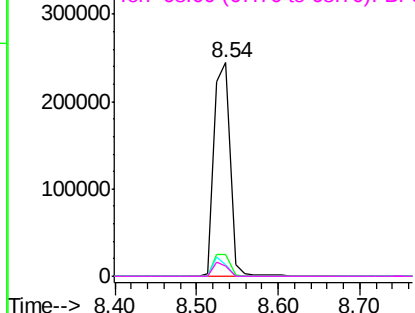
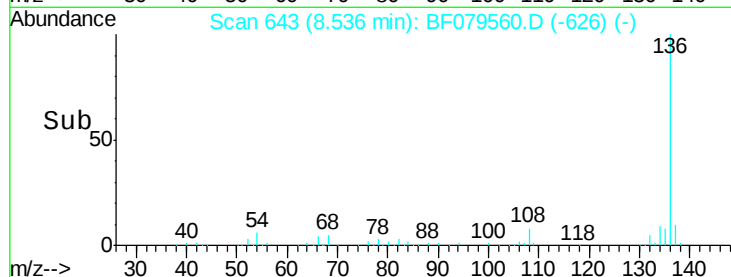
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.54 min Scan# 643
Delta R.T. -0.00 min
Lab File: BF079560.D
Acq: 29 May 2015 15:07

Instrument :
BNA_F
ClientSampleId :
PB83625BL

Tgt Ion: 136 Resp: 338814
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 5.5 6.6 9.8#
68 4.6 4.7 7.1#

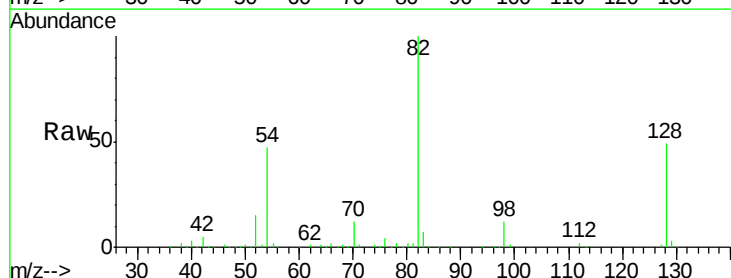


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

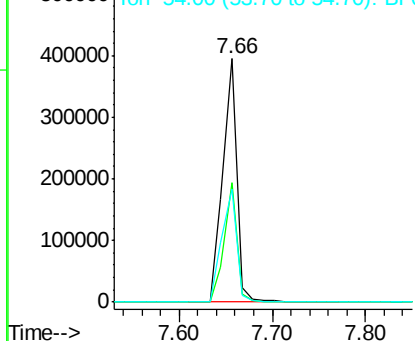
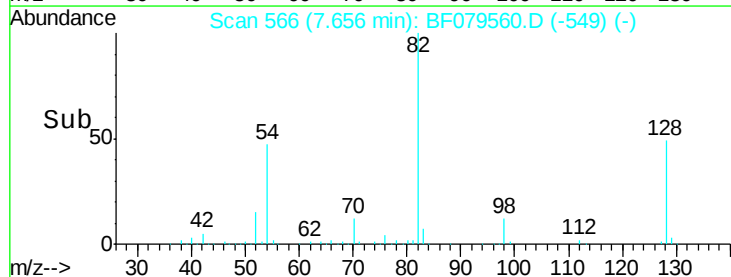


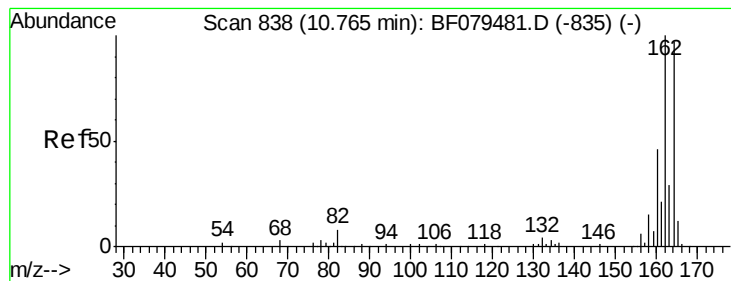
#23
Nitrobenzene-d5
Concen: 70.34 ng
RT: 7.66 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF079560.D
Acq: 29 May 2015 15:07

Tgt Ion: 82 Resp: 412302
Ion Ratio Lower Upper
82 100
128 49.2 30.8 46.2#
54 46.5 42.8 64.2



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: 10.70 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF079560.D

Acq: 29 May 2015 15:07

Instrument :

BNA_F

ClientSampleId :

PB83625BL

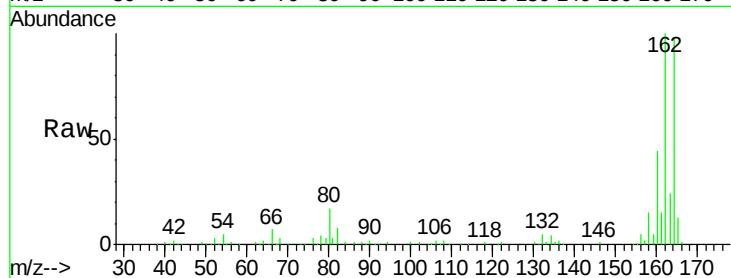
Tgt Ion:164 Resp: 171099

Ion Ratio Lower Upper

164 100

162 102.2 82.6 124.0

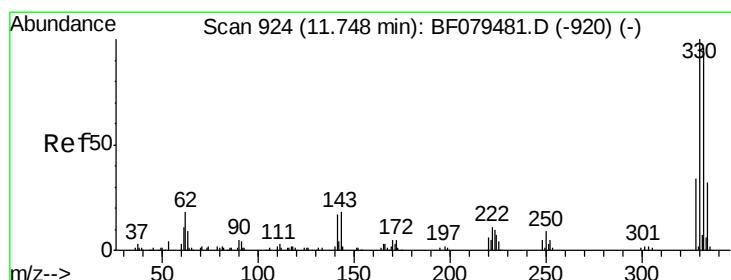
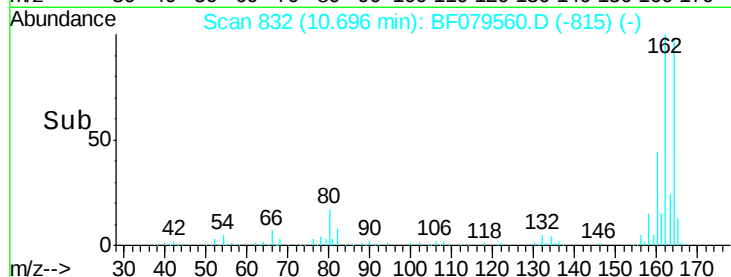
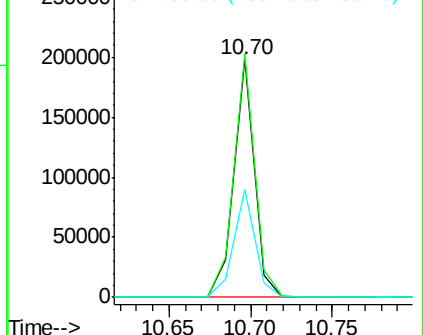
160 45.1 37.7 56.5



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: 116.29 ng

RT: 11.68 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF079560.D

Acq: 29 May 2015 15:07

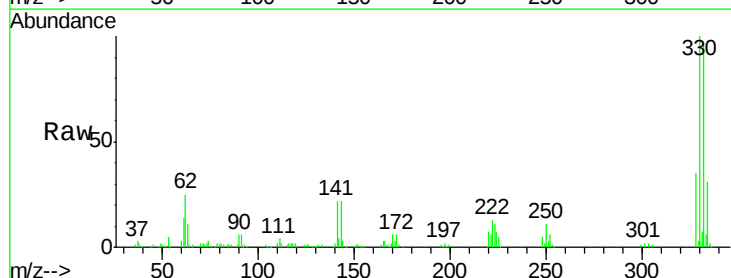
Tgt Ion:330 Resp: 218548

Ion Ratio Lower Upper

330 100

332 97.4 0.0 0.0#

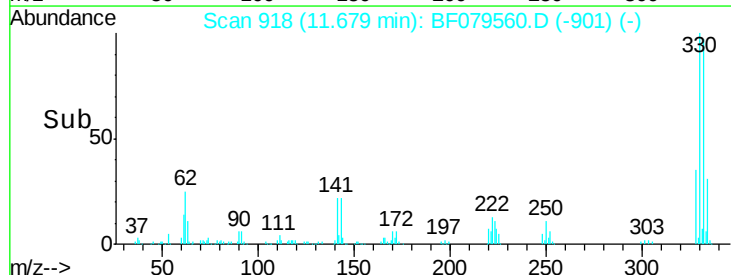
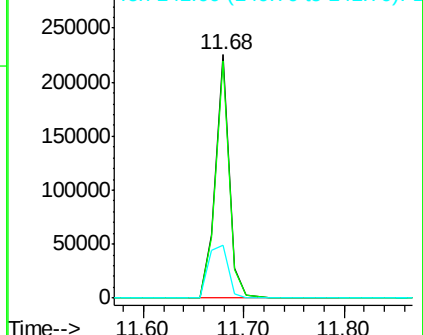
141 31.1 0.0 0.0#

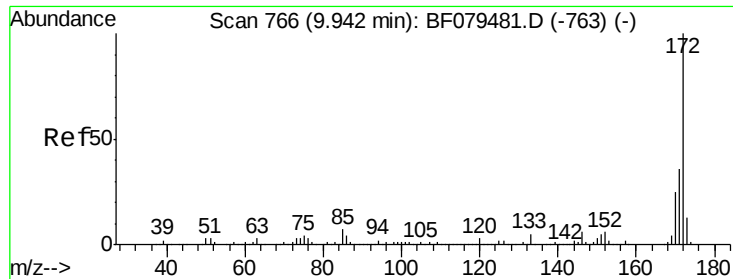


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

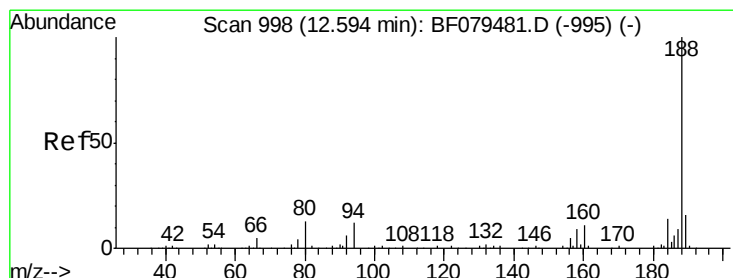
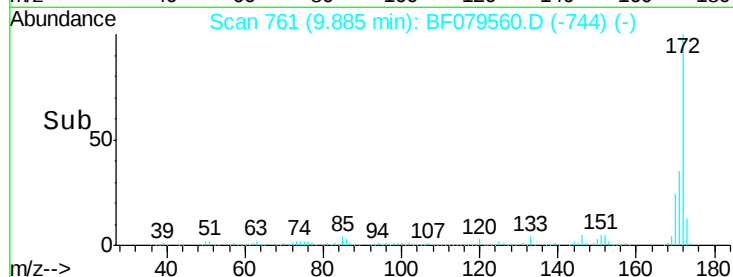
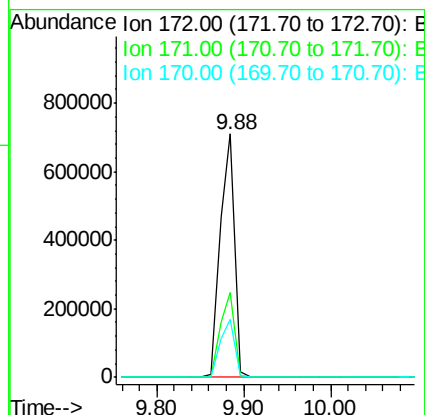
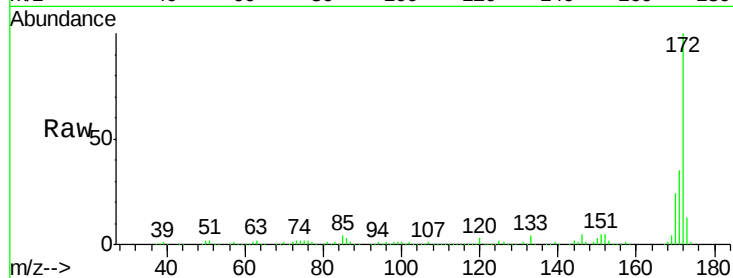




#44
 2-Fluorobiphenyl
 Concen: 69.13 ng
 RT: 9.88 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF079560.D
 Acq: 29 May 2015 15:07

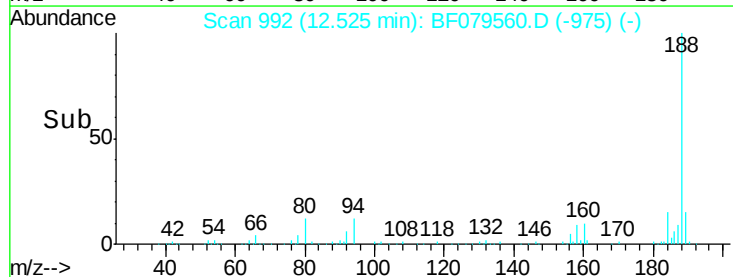
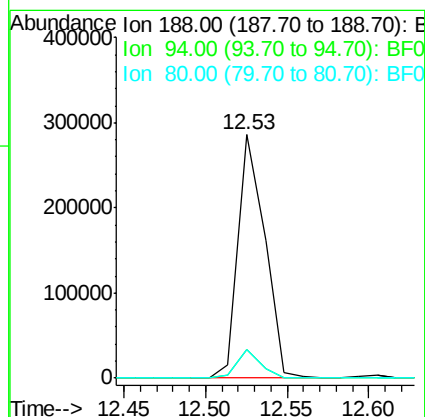
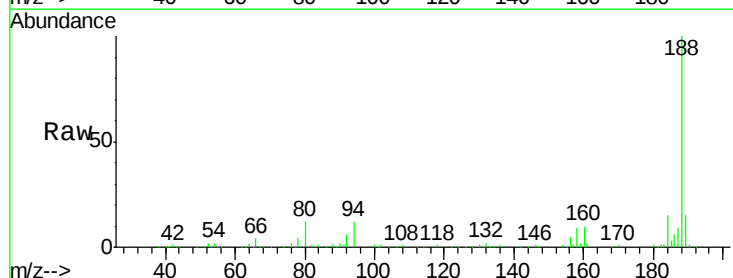
Instrument :
 BNA_F
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 PB83625BL

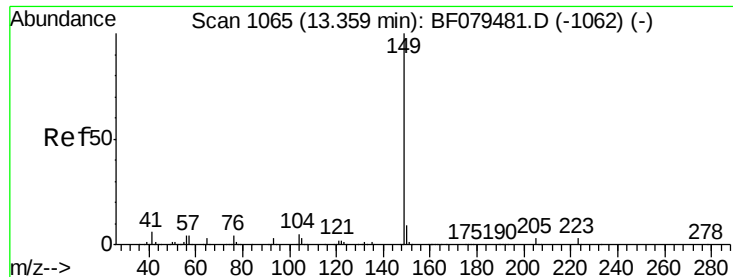
Tgt Ion:172 Resp: 829112
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.5 42.7
 170 23.9 19.7 29.5



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.53 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: BF079560.D
 Acq: 29 May 2015 15:07

Tgt Ion:188 Resp: 324588
 Ion Ratio Lower Upper
 188 100
 94 11.5 9.8 14.6
 80 12.0 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: BF079560.D

Acq: 29 May 2015 15:07

Instrument :

BNA_F

ClientSampled :

PB83625BL

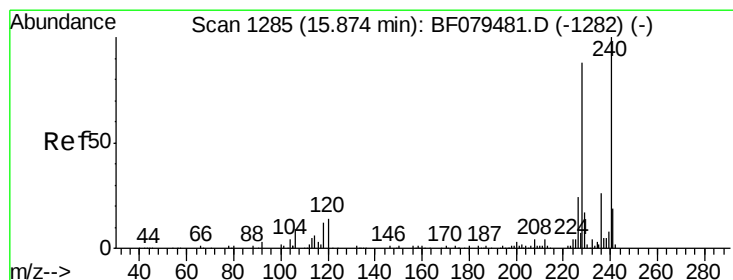
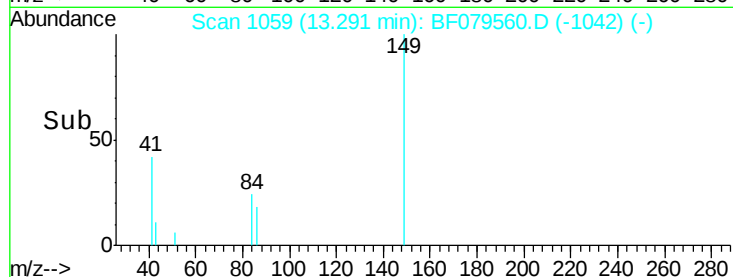
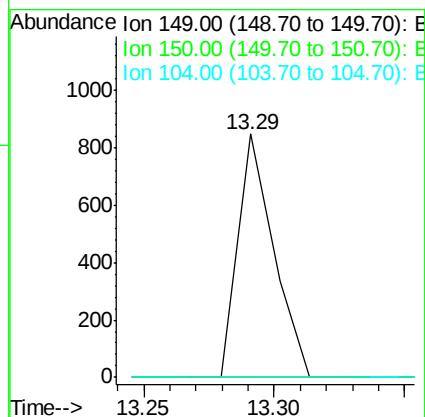
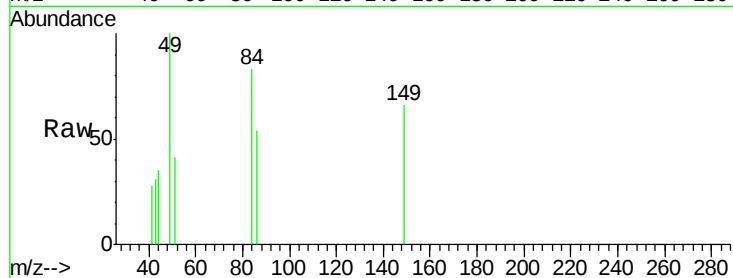
Tgt Ion:149 Resp: 811

Ion Ratio Lower Upper

149 100

150 0.0 7.5 11.3#

104 0.0 3.6 5.4#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.92 min Scan# 1289

Delta R.T. 0.05 min

Lab File: BF079560.D

Acq: 29 May 2015 15:07

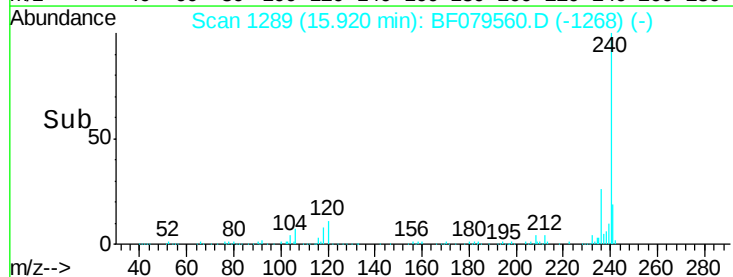
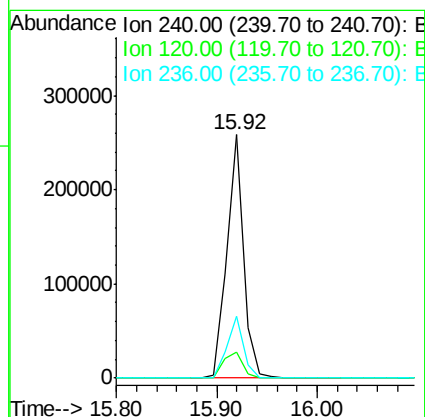
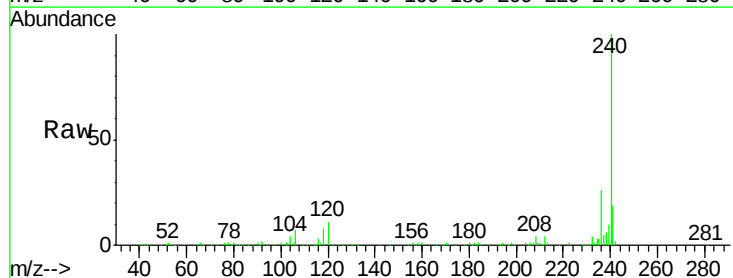
Tgt Ion:240 Resp: 298910

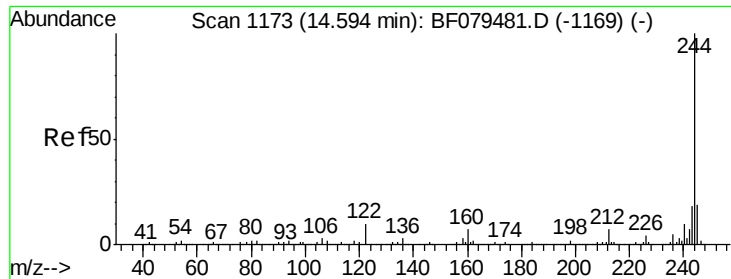
Ion Ratio Lower Upper

240 100

120 10.6 10.8 16.2#

236 25.7 21.0 31.6

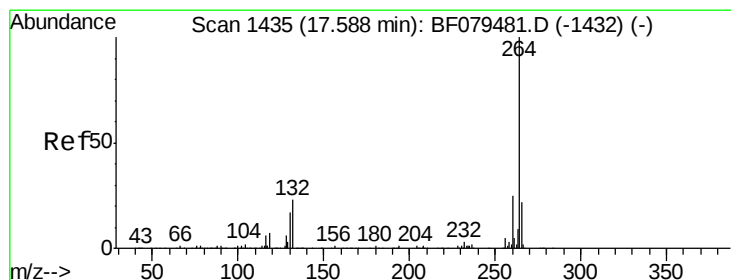
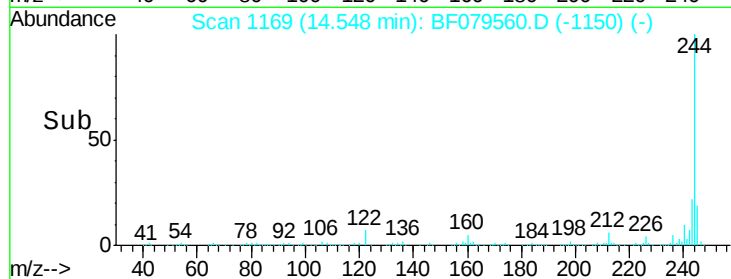
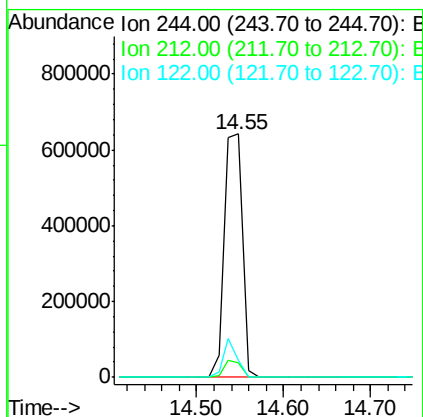
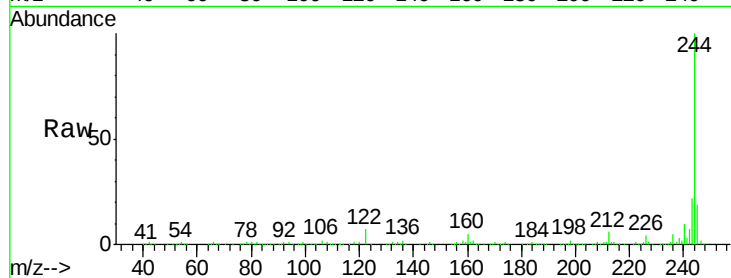




#78
 Terphenyl-d14
 Concen: 73.02 ng
 RT: 14.55 min Scan# 1169
 Delta R.T. 0.02 min
 Lab File: BF079560.D
 Acq: 29 May 2015 15:07

Instrument :
 BNA_F
 ClientSampleId :
 PB83625BL

Tgt Ion:244 Resp: 930089
 Ion Ratio Lower Upper
 244 100
 212 5.9 5.2 7.8
 122 7.1 8.0 12.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.92 min Scan# 1464
 Delta R.T. 0.11 min
 Lab File: BF079560.D
 Acq: 29 May 2015 15:07

Tgt Ion:264 Resp: 287151
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.8 29.8
 265 21.3 17.8 26.6

