

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052915\
 Data File : BF079577.D
 Acq On : 29 May 2015 23:27
 Operator : TP/IZ
 Sample : G2438-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FG-SP-001-150528

Quant Time: May 30 00:32:03 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

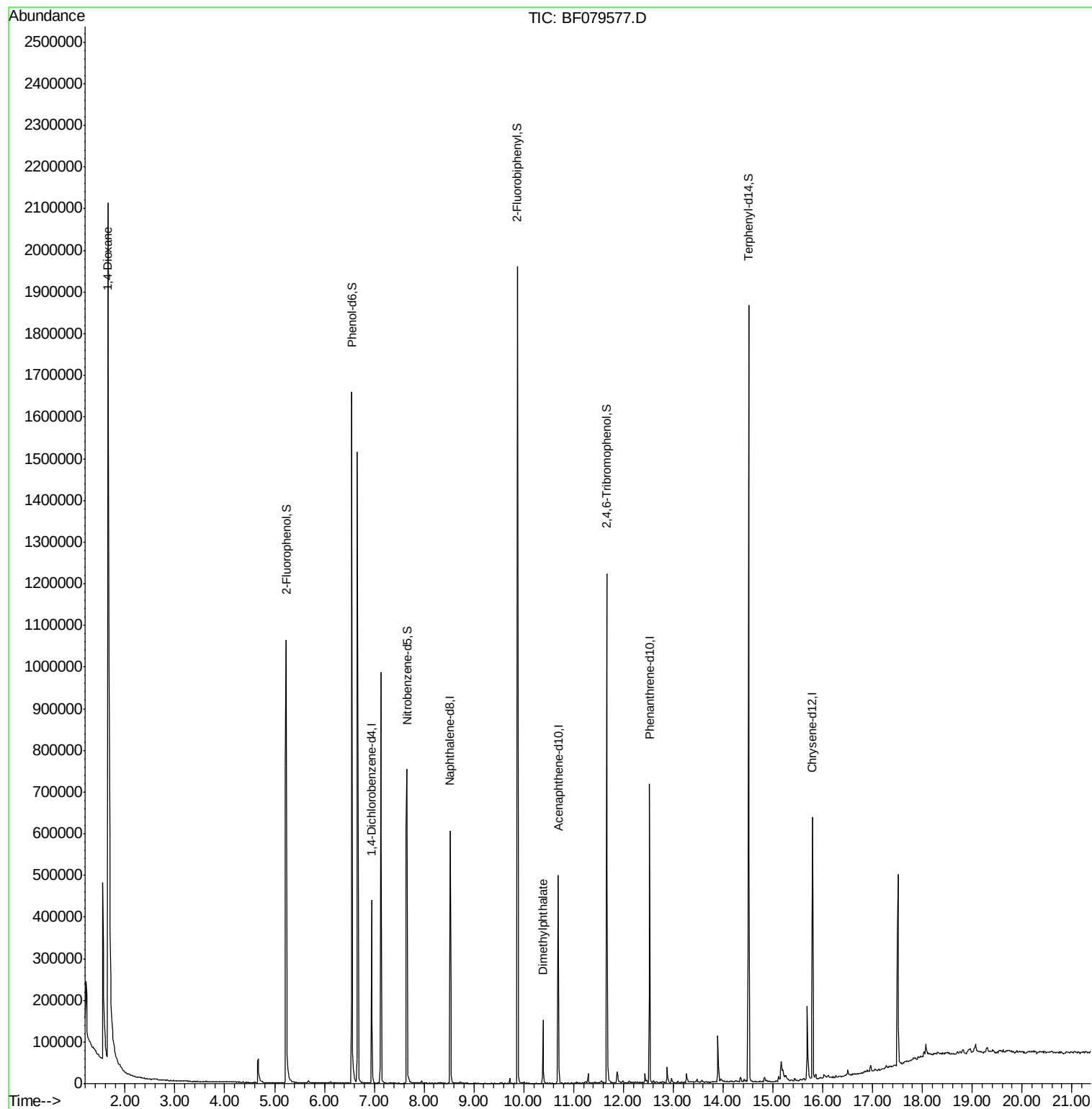
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	75260	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	307340	20.00	ng	-0.01
38) Acenaphthene-d10	10.70	164	152885	20.00	ng	0.00
63) Phenanthrene-d10	12.53	188	287628	20.00	ng	0.00
75) Chrysene-d12	15.79	240	247576	20.00	ng	-0.08
86) Perylene-d12	0.00	264	0	0.00	ng	-17.81
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	470460	108.42	ng	0.00
7) Phenol-d6	6.55	99	624256	112.87	ng	0.00
23) Nitrobenzene-d5	7.66	82	356336	67.02	ng	0.00
41) 2,4,6-Tribromophenol	11.67	330	185370	110.39	ng	-0.01
44) 2-Fluorobiphenyl	9.87	172	622833	58.12	ng	-0.01
78) Terphenyl-d14	14.51	244	662359	62.79	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.66	88	109414	53.01	ng	# 100
49) Dimethylphthalate	10.39	163	66932	5.94	ng	100
73) Di-n-butylphthalate	13.29	149	1228	Below Cal	#	78

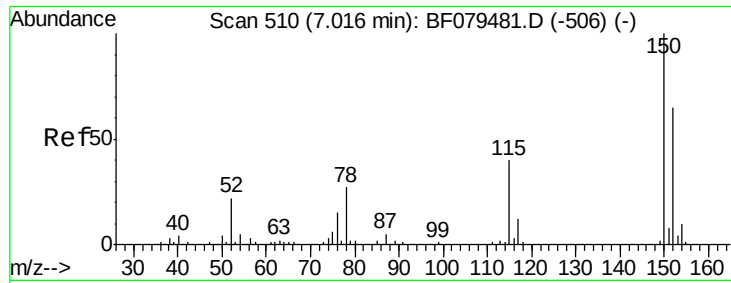
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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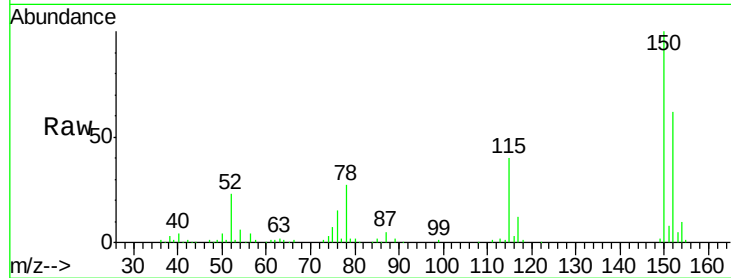


#1

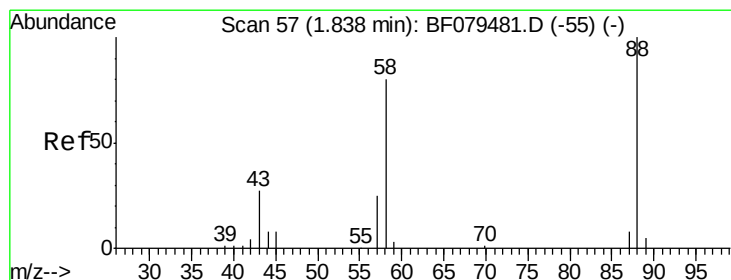
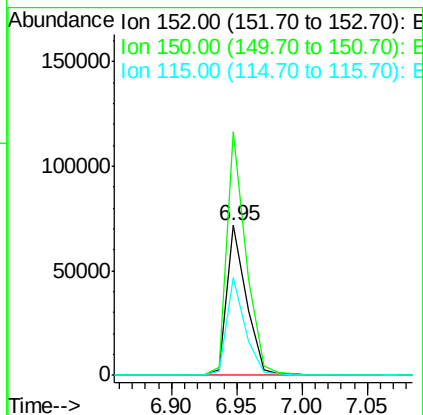
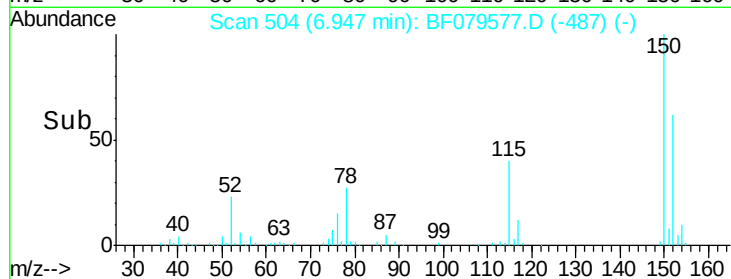
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 504
Delta R.T. -0.00 min
Lab File: BF079577.D
Acq: 29 May 2015 23:27

Instrument :
BNA_F
ClientSampleId :
FG-SP-001-150528

Tgt Ion:152 Resp: 75260
Ion Ratio Lower Upper
152 100
150 162.3 124.0 186.0
115 64.9 49.6 74.4



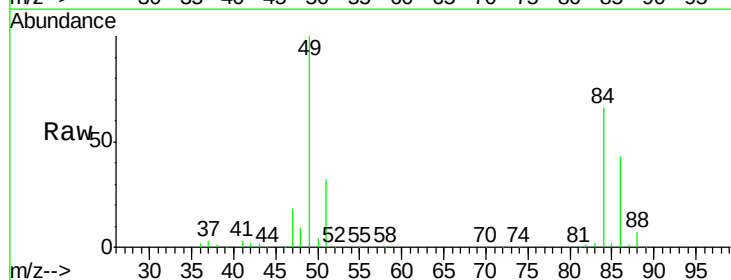
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



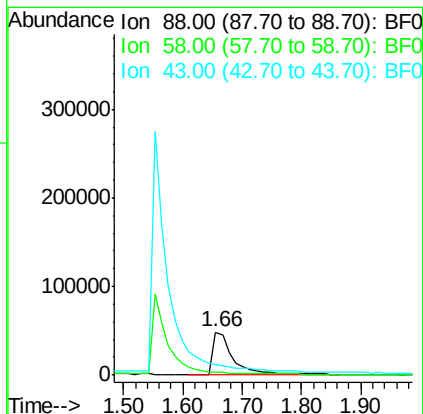
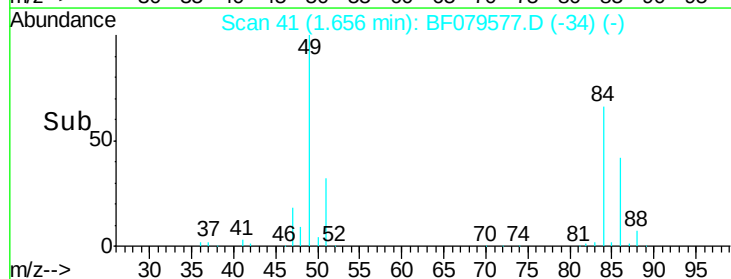
#2

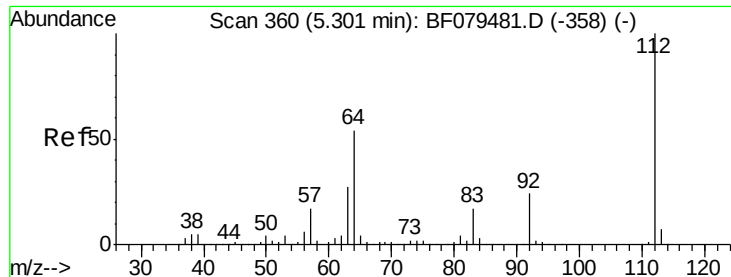
1,4-Dioxane
Concen: 53.01 ng
RT: 1.66 min Scan# 41
Delta R.T. -0.11 min
Lab File: BF079577.D
Acq: 29 May 2015 23:27

Tgt Ion: 88 Resp: 109414
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: 108.42 ng

RT: 5.23 min Scan# 354

Delta R.T. -0.00 min

Lab File: BF079577.D

Acq: 29 May 2015 23:27

Instrument :

BNA_F

ClientSampleId :

FG-SP-001-150528

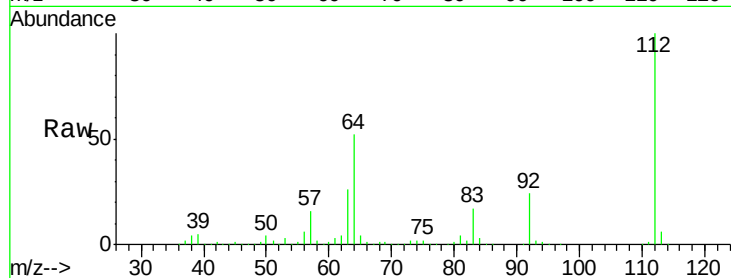
Tgt Ion: 112 Resp: 470460

Ion Ratio Lower Upper

112 100

64 51.6 43.5 65.3

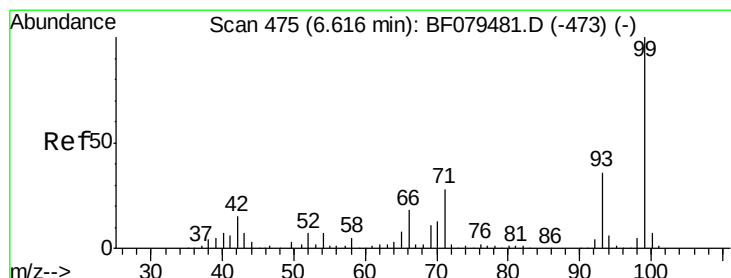
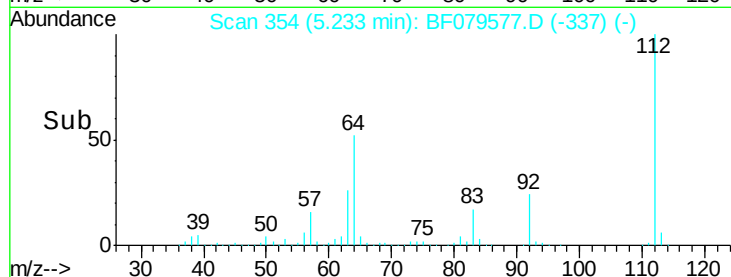
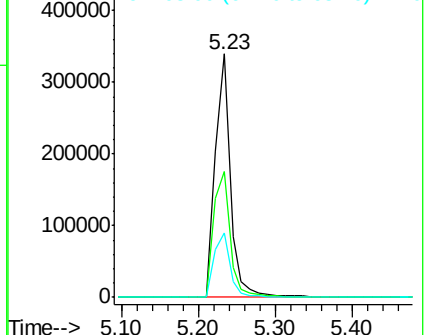
63 26.3 21.8 32.8



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: 112.87 ng

RT: 6.55 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF079577.D

Acq: 29 May 2015 23:27

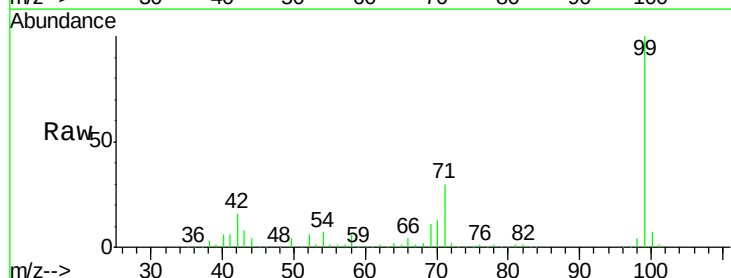
Tgt Ion: 99 Resp: 624256

Ion Ratio Lower Upper

99 100

42 16.1 11.9 17.9

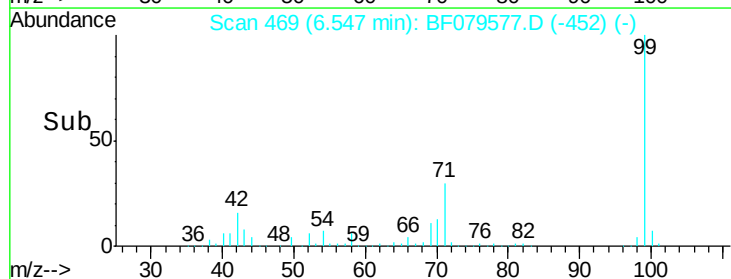
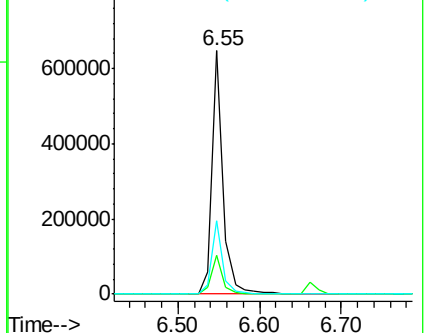
71 30.0 22.1 33.1

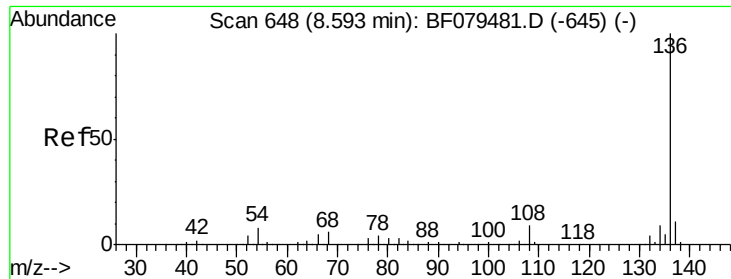


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

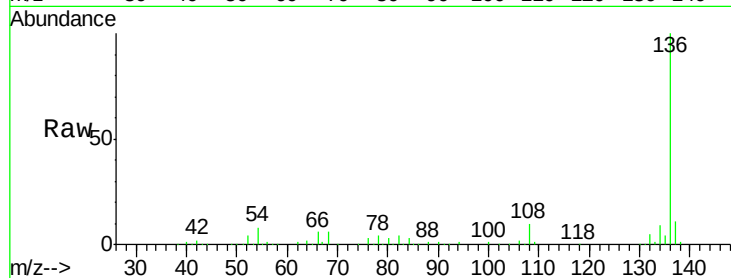




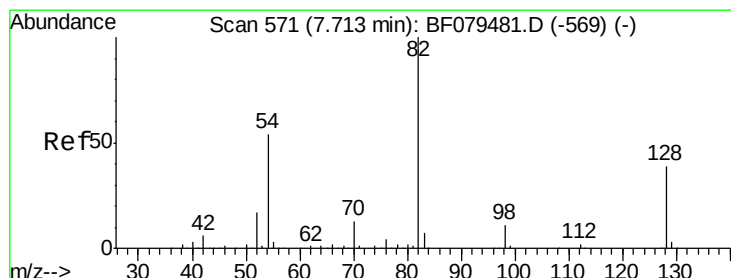
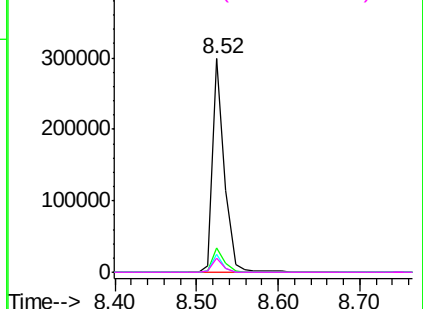
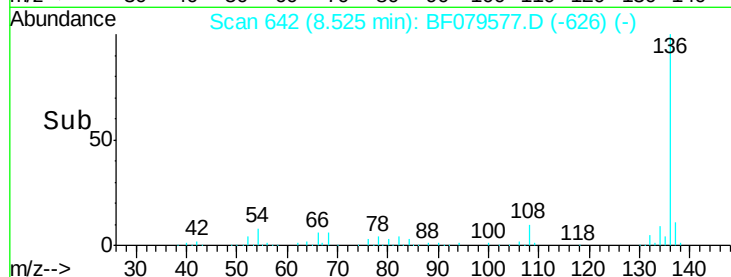
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.52 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF079577.D
Acq: 29 May 2015 23:27

Instrument :
BNA_F
ClientSampleId :
FG-SP-001-150528

Tgt Ion:	136	Resp:	307340
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.5	12.7
54	8.3	6.6	9.8
68	6.5	4.7	7.1

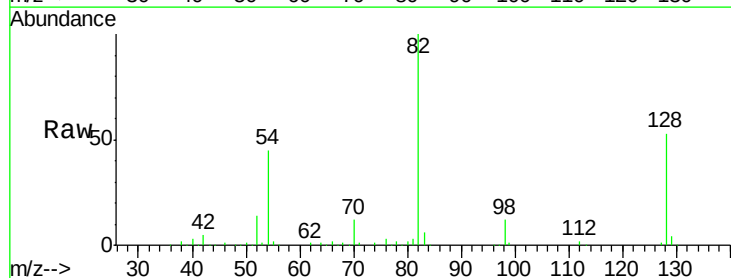


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

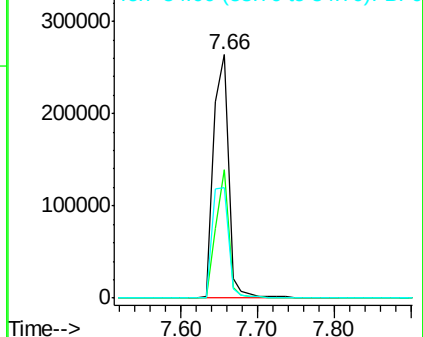
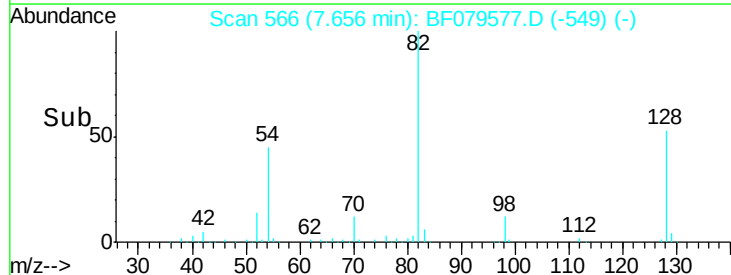


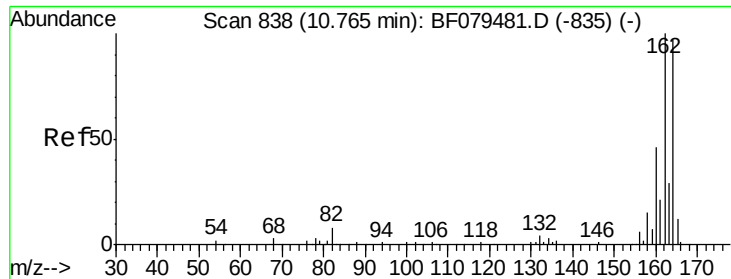
#23
Nitrobenzene-d5
Concen: 67.02 ng
RT: 7.66 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF079577.D
Acq: 29 May 2015 23:27

Tgt Ion:	82	Resp:	356336
Ion	Ratio	Lower	Upper
82	100		
128	52.7	30.8	46.2#
54	45.3	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

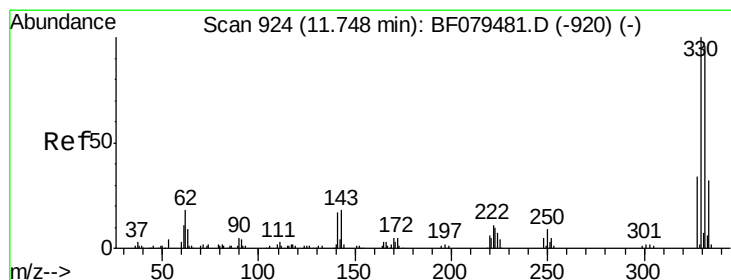
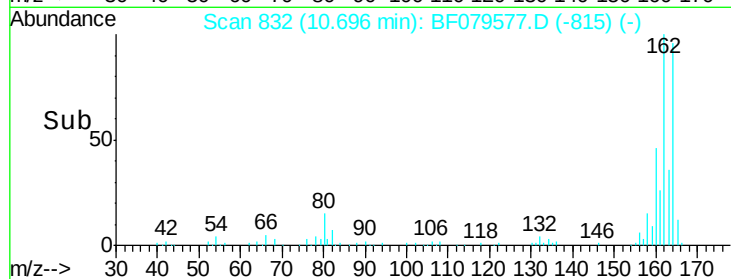
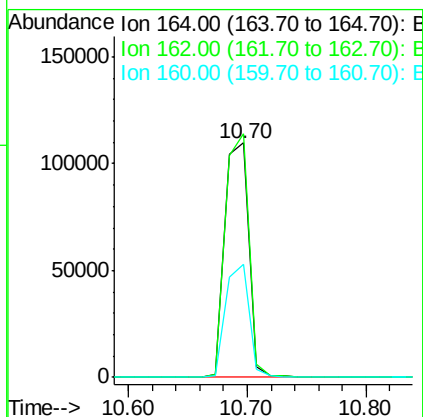
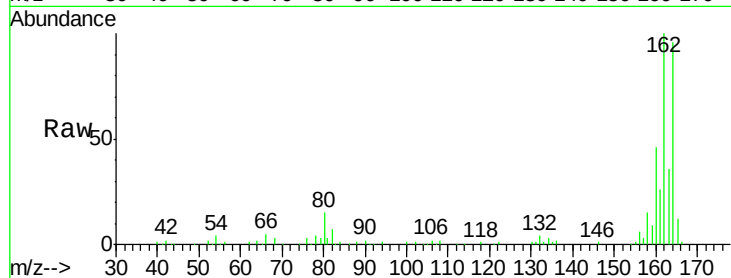




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.70 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF079577.D
 Acq: 29 May 2015 23:27

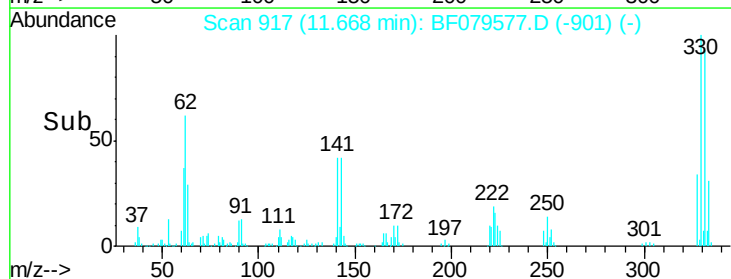
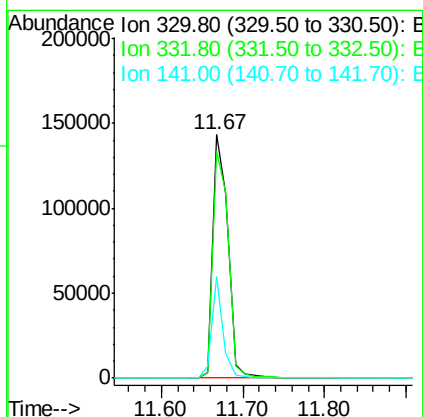
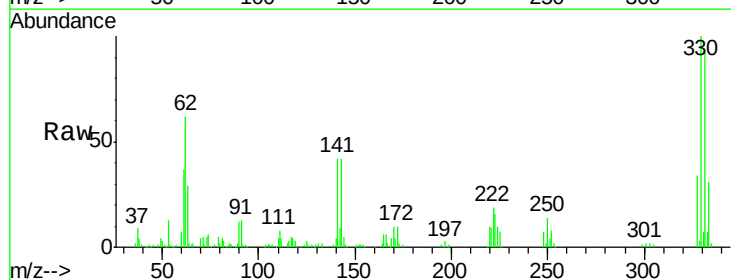
Instrument :
 BNA_F
 ClientSampleId :
 FG-SP-001-150528

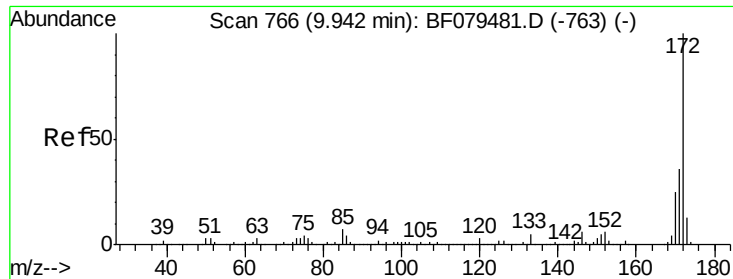
Tgt Ion:164 Resp: 152885
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.6 124.0
 160 48.2 37.7 56.5



#41
 2,4,6-Tribromophenol
 Concen: 110.39 ng
 RT: 11.67 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF079577.D
 Acq: 29 May 2015 23:27

Tgt Ion:330 Resp: 185370
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 31.0 0.0 0.0#

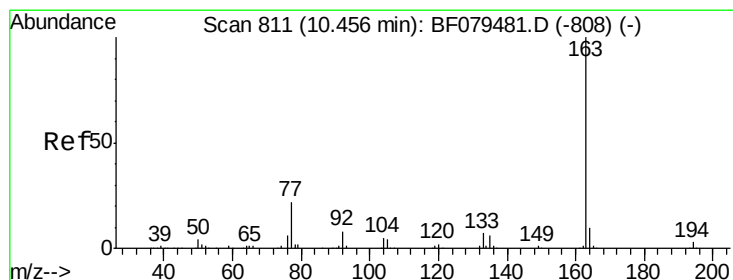
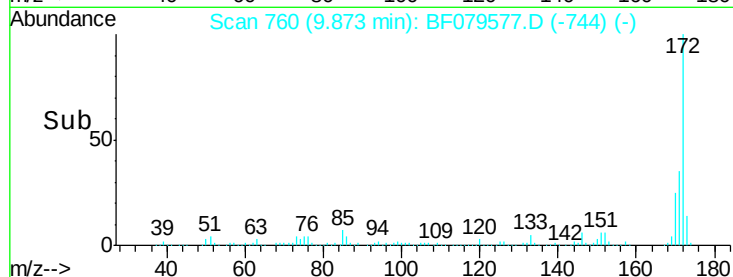
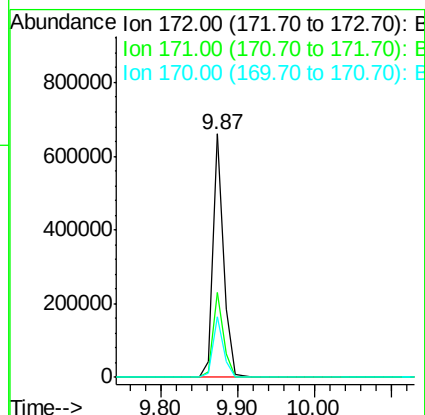
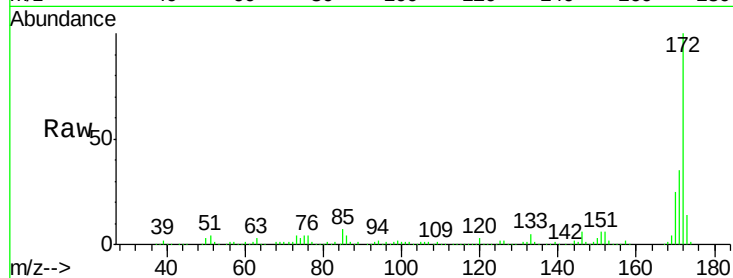




#44
 2-Fluorobiphenyl
 Concen: 58.12 ng
 RT: 9.87 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF079577.D
 Acq: 29 May 2015 23:27

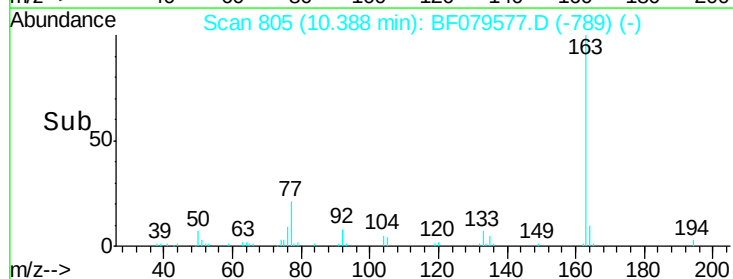
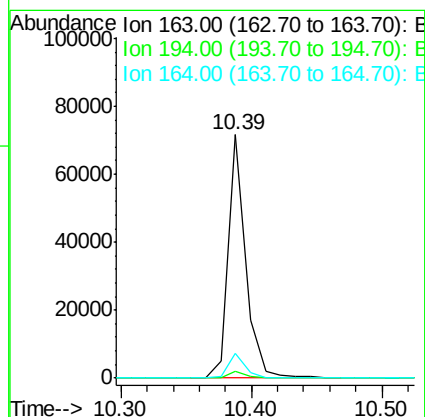
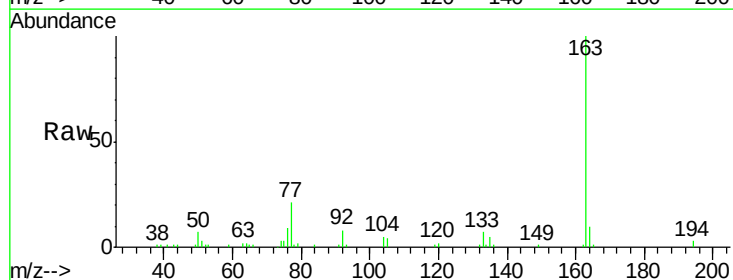
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 FG-SP-001-150528

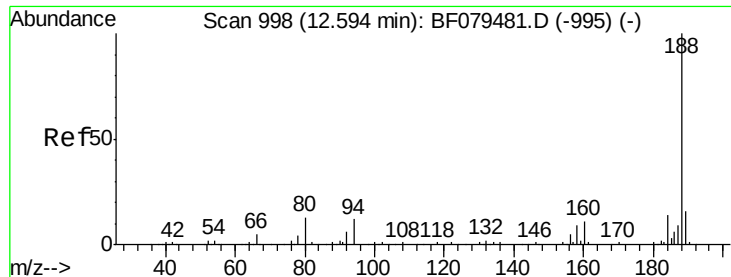
Tgt Ion:172 Resp: 622833
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.5 42.7
 170 24.6 19.7 29.5



#49
 Dimethylphthalate
 Concen: 5.94 ng
 RT: 10.39 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF079577.D
 Acq: 29 May 2015 23:27

Tgt Ion:163 Resp: 66932
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.4 3.6
 164 10.3 8.2 12.4

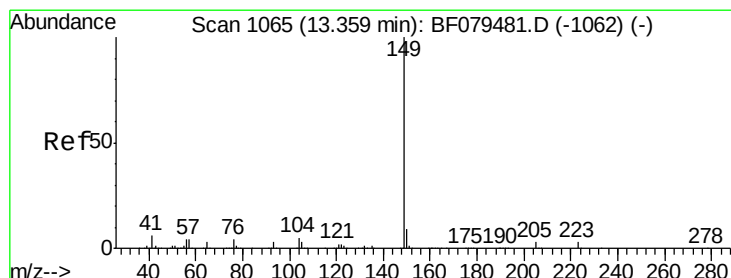
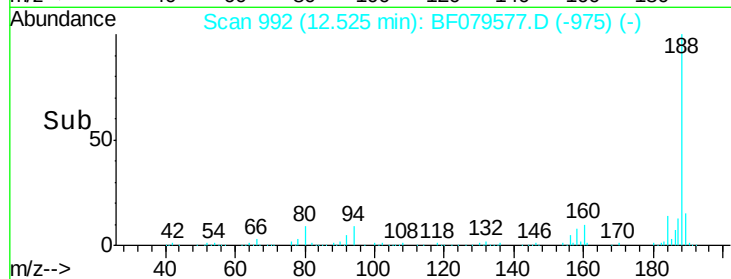
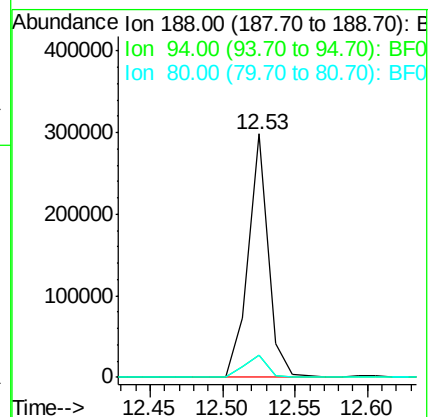
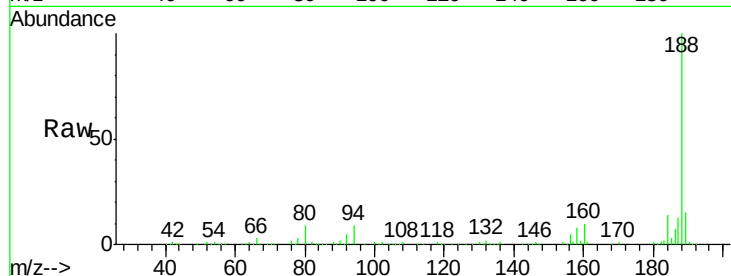




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.53 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: BF079577.D
 Acq: 29 May 2015 23:27

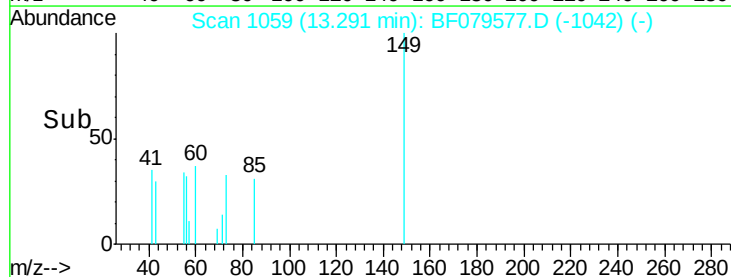
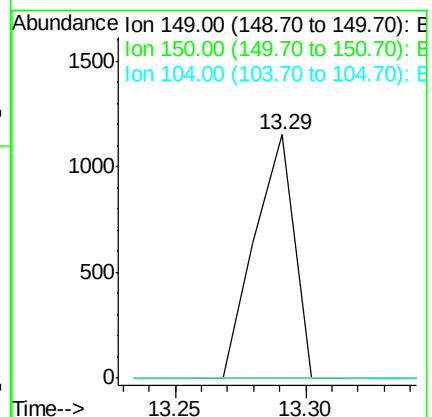
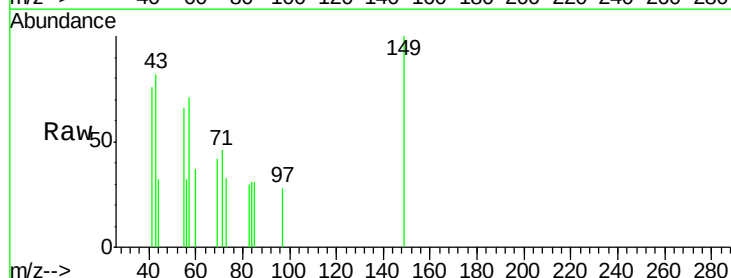
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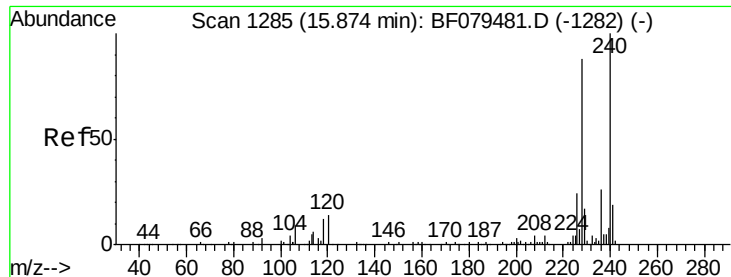
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	9.8	14.6#
80	9.1	10.5	15.7#



#73
 Di-n-butylphthalate
 Concen: Below Cal
 RT: 13.29 min Scan# 1059
 Delta R.T. -0.00 min
 Lab File: BF079577.D
 Acq: 29 May 2015 23:27

Tgt 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: 15.79 min Scan# 1278

Delta R.T. -0.08 min

Lab File: BF079577.D

Acq: 29 May 2015 23:27

Instrument :

BNA_F

ClientSampleId :

FG-SP-001-150528

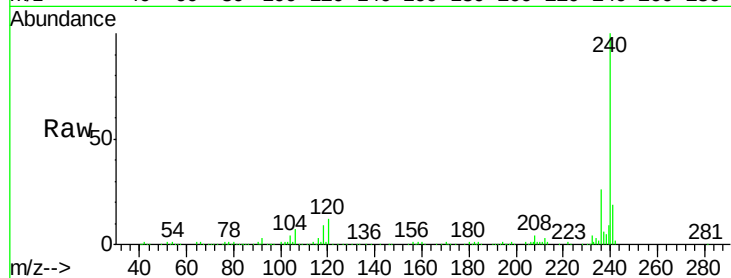
Tgt Ion:240 Resp: 247576

Ion Ratio Lower Upper

240 100

120 11.9 10.8 16.2

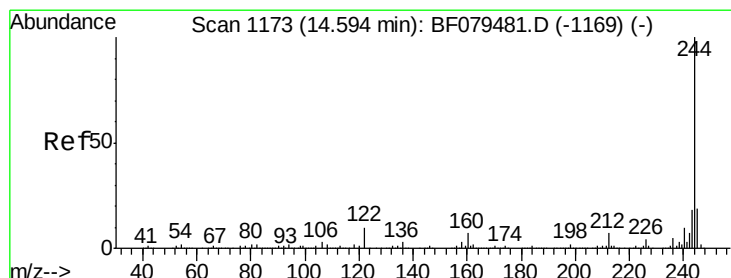
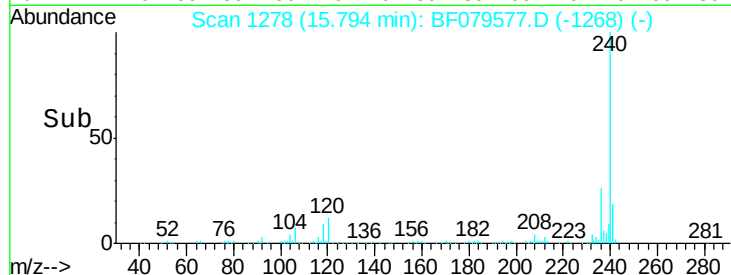
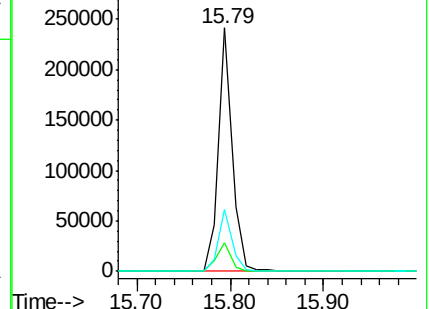
236 25.6 21.0 31.6



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



#78

Terphenyl-d14

Concen: 62.79 ng

RT: 14.51 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF079577.D

Acq: 29 May 2015 23:27

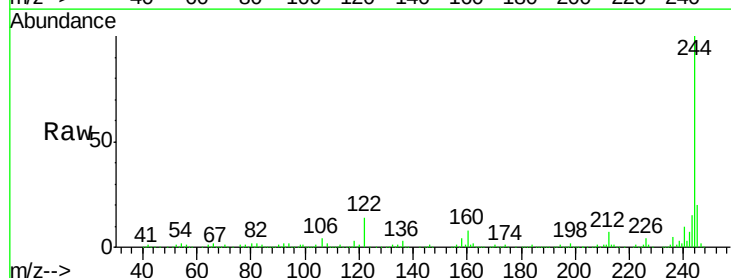
Tgt Ion:244 Resp: 662359

Ion Ratio Lower Upper

244 100

212 6.8 5.2 7.8

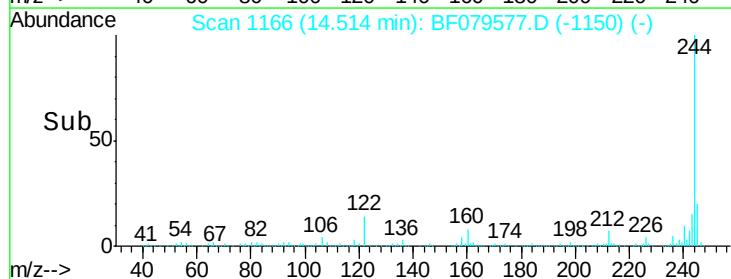
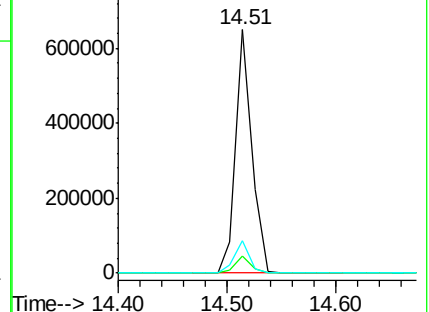
122 13.5 8.0 12.0#

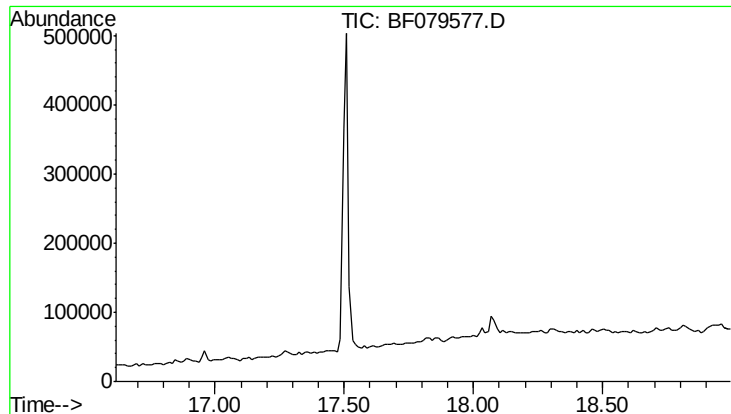


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 0.00 ng
Expected RT: 17.81 min
Lab File: BF079577.D
Acq: 29 May 2015 23:27

Instrument :
BNA_F
ClientSampleId :
FG-SP-001-150528

Tgt Ion: 264
Sig Exp Ratio
264 100
260 24.8
265 22.2

