

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052915\
 Data File : BF079570.D
 Acq On : 29 May 2015 20:06
 Operator : TP/IZ
 Sample : G2419-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Quant Time: May 29 23:38:53 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

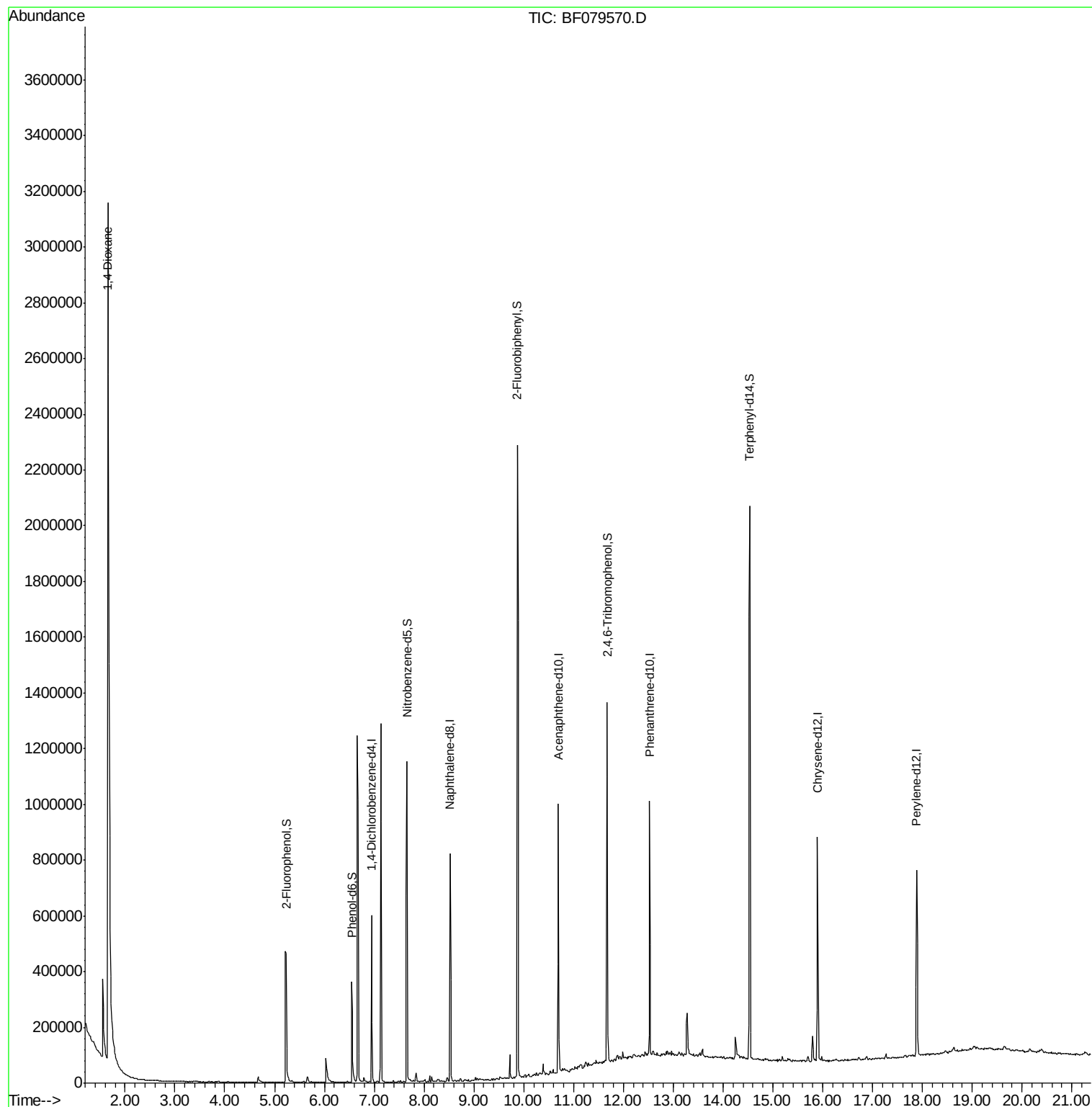
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	101154	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	433257	20.00	ng	-0.01
38) Acenaphthene-d10	10.70	164	218867	20.00	ng	0.00
63) Phenanthrene-d10	12.53	188	376860	20.00	ng	0.00
75) Chrysene-d12	15.90	240	357407	20.00	ng	0.02
86) Perylene-d12	17.89	264	360761	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	243806	41.81	ng	0.00
7) Phenol-d6	6.55	99	196297	26.41	ng	0.00
23) Nitrobenzene-d5	7.66	82	467560	62.38	ng	0.00
41) 2,4,6-Tribromophenol	11.68	330	242909	101.04	ng	0.00
44) 2-Fluorobiphenyl	9.87	172	949182	61.87	ng	-0.01
78) Terphenyl-d14	14.54	244	932191	61.21	ng	0.01
Target Compounds						
2) 1,4-Dioxane	1.66	88	170654	61.51	ng	# 100
73) Di-n-butylphthalate	13.29	149	7028	Below Cal	#	91
89) Benzo(a)pyrene	17.82	252	988	Below Cal	#	1
90) Dibenzo(a,h)anthracene	19.36	278	2235	Below Cal	#	54
91) Benzo(g,h,i)perylene	19.71	276	2108	Below Cal	#	62

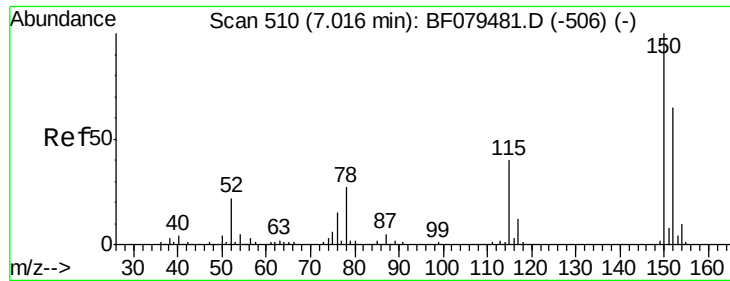
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF079570.D

Acq: 29 May 2015 20:06

Instrument :

BNA_F

ClientSampleId :

MW-05

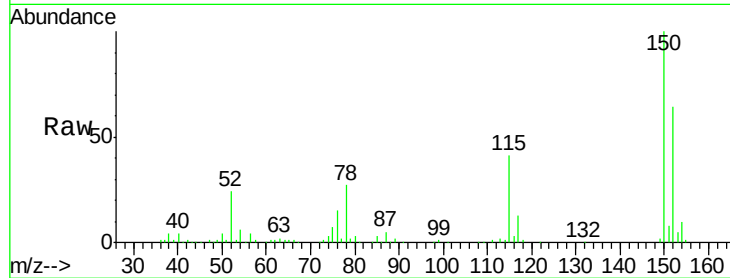
Tgt Ion:152 Resp: 101154

Ion Ratio Lower Upper

152 100

150 155.2 124.0 186.0

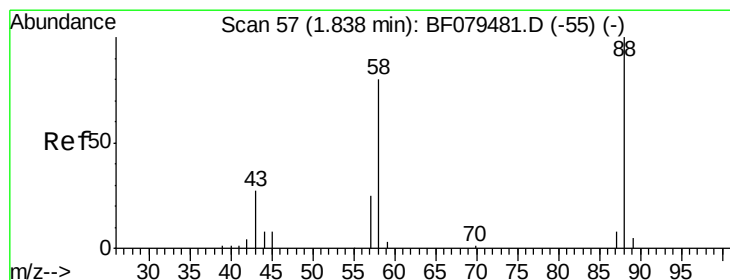
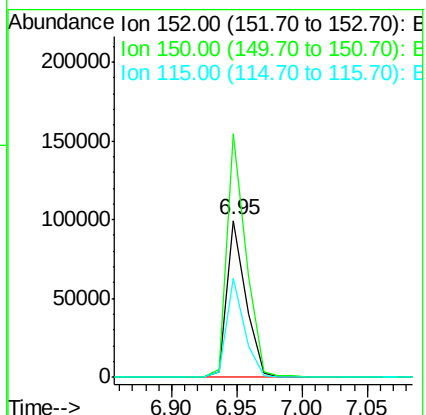
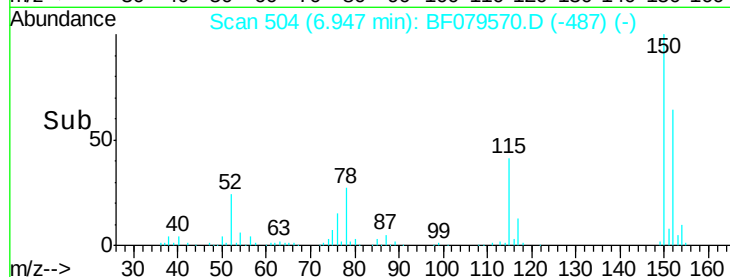
115 63.4 49.6 74.4



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: 61.51 ng

RT: 1.66 min Scan# 41

Delta R.T. -0.11 min

Lab File: BF079570.D

Acq: 29 May 2015 20:06

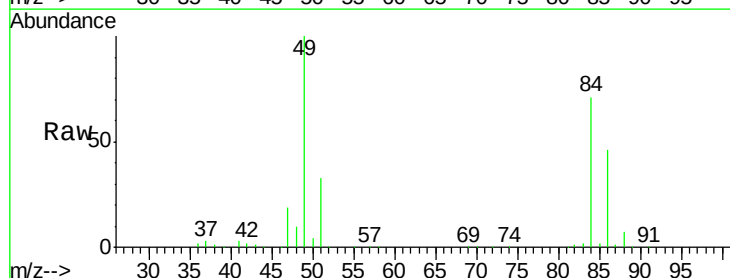
Tgt Ion: 88 Resp: 170654

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

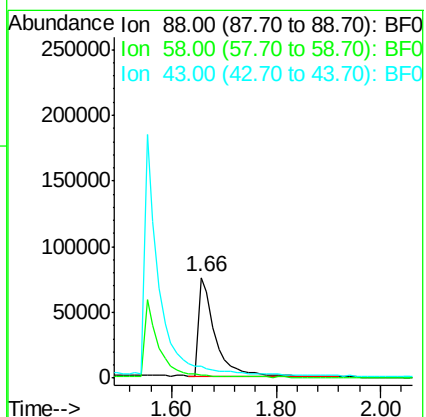
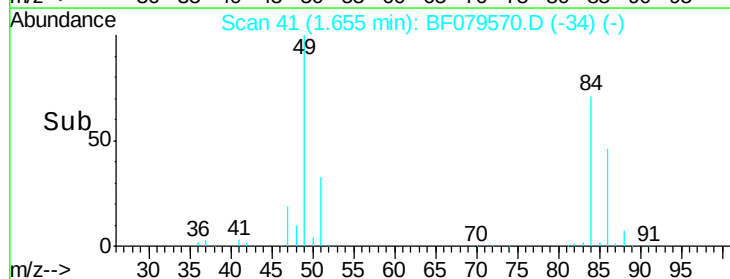
43 0.0 0.0 0.0

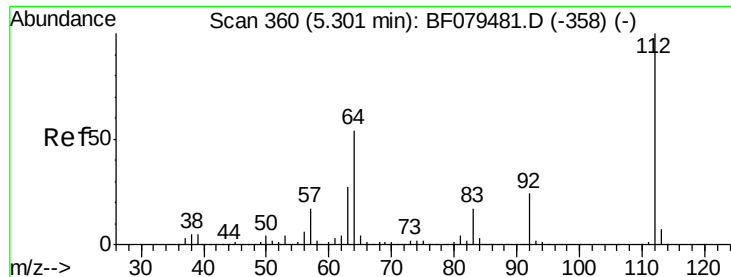


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

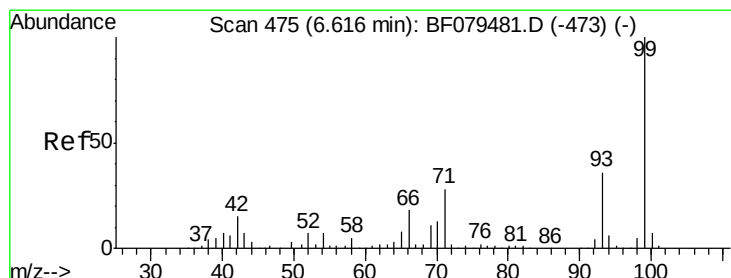
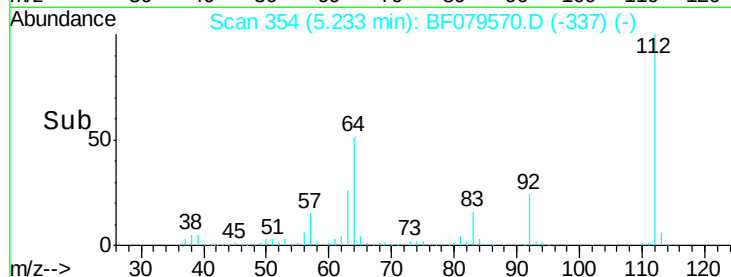
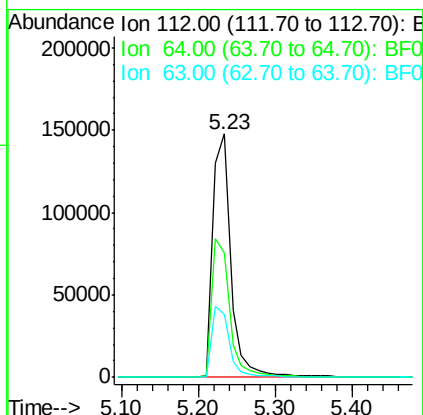
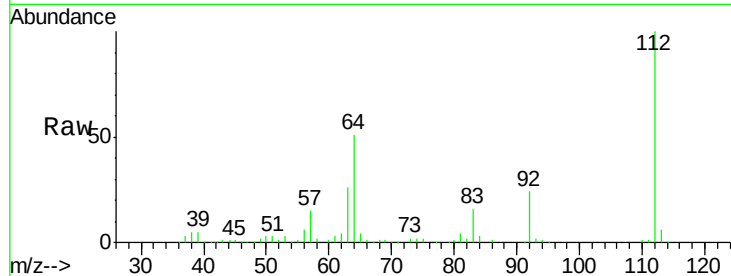




#5
 2-Fluorophenol
 Concen: 41.81 ng
 RT: 5.23 min Scan# 354
 Delta R.T. -0.00 min
 Lab File: BF079570.D
 Acq: 29 May 2015 20:06

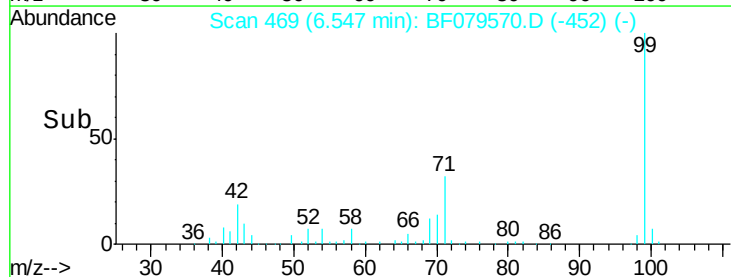
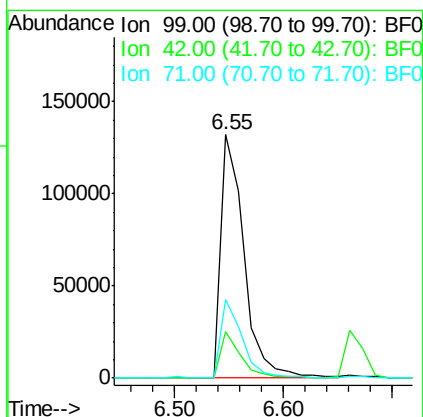
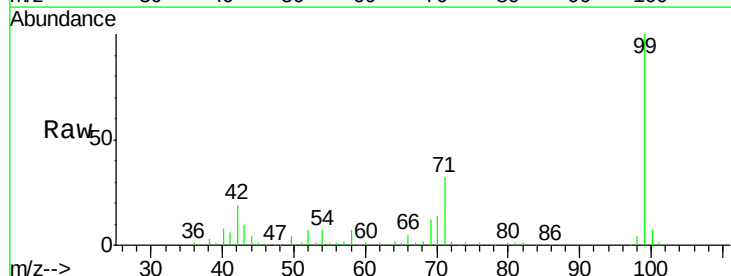
Instrument :
 BNA_F
 ClientSampled :
 MW-05

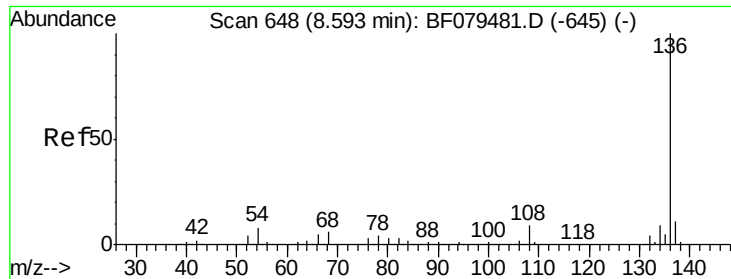
Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.4	43.5	65.3
63	25.8	21.8	32.8



#7
 Phenol-d6
 Concen: 26.41 ng
 RT: 6.55 min Scan# 469
 Delta R.T. -0.00 min
 Lab File: BF079570.D
 Acq: 29 May 2015 20:06

Tgt Ion	Ratio	Lower	Upper
99	100		
42	19.2	11.9	17.9#
71	32.0	22.1	33.1

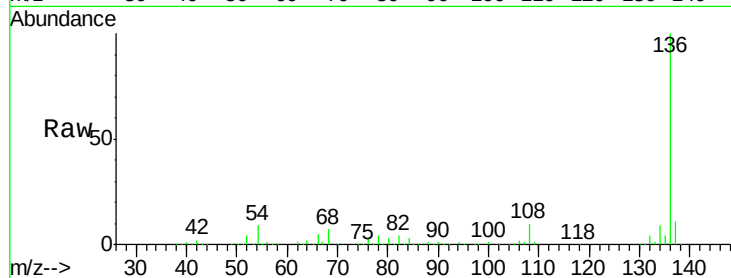




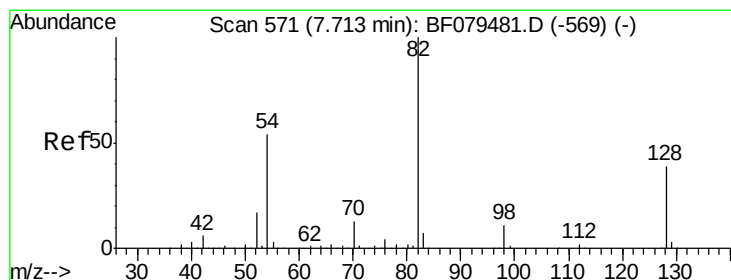
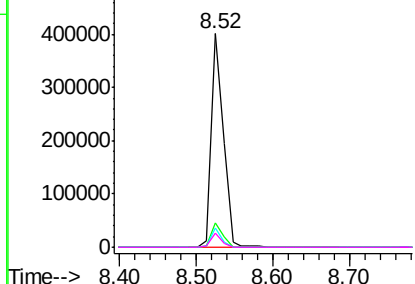
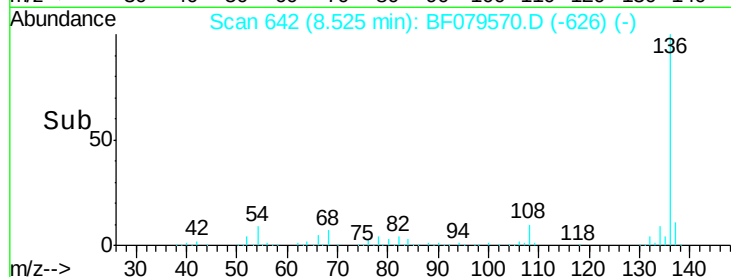
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.52 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF079570.D
Acq: 29 May 2015 20:06

Instrument :
BNA_F
ClientSampleId :
MW-05

Tgt Ion:	136	Resp:	433257
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	8.7	6.6	9.8
68	6.6	4.7	7.1

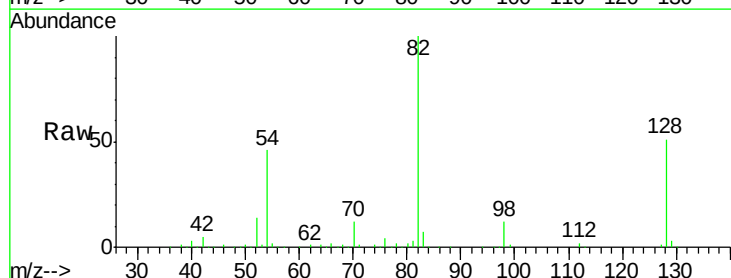


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

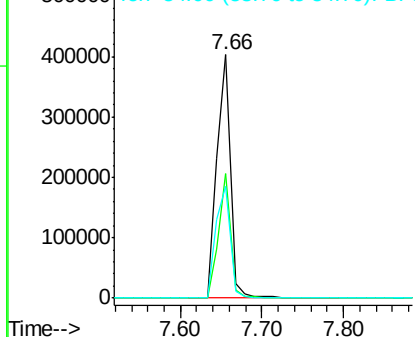
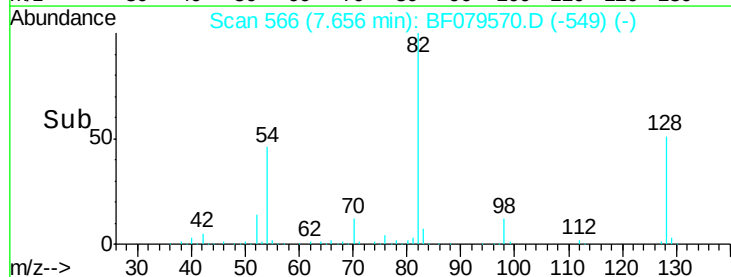


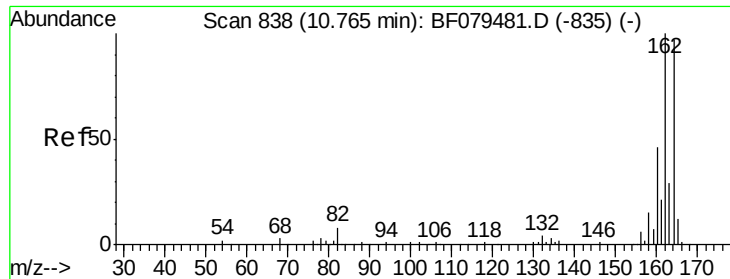
#23
Nitrobenzene-d5
Concen: 62.38 ng
RT: 7.66 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF079570.D
Acq: 29 May 2015 20:06

Tgt Ion:	82	Resp:	467560
Ion	Ratio	Lower	Upper
82	100		
128	51.2	30.8	46.2#
54	46.0	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

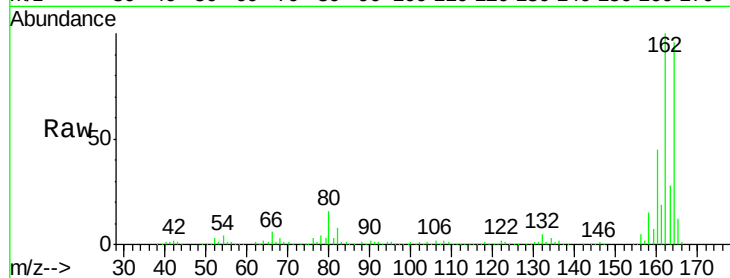




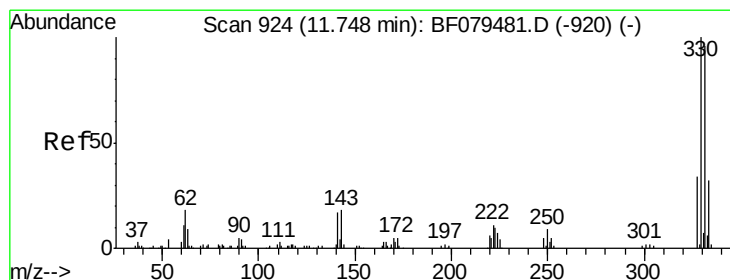
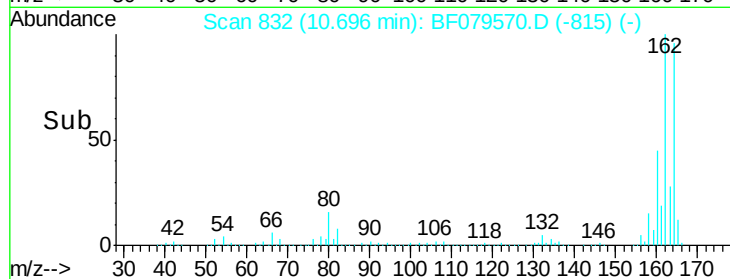
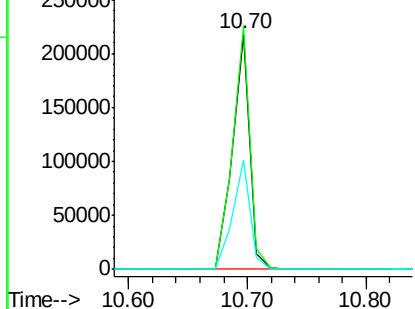
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.70 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF079570.D
 Acq: 29 May 2015 20:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Tgt Ion:164 Resp: 218867
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.6 124.0
 160 46.7 37.7 56.5

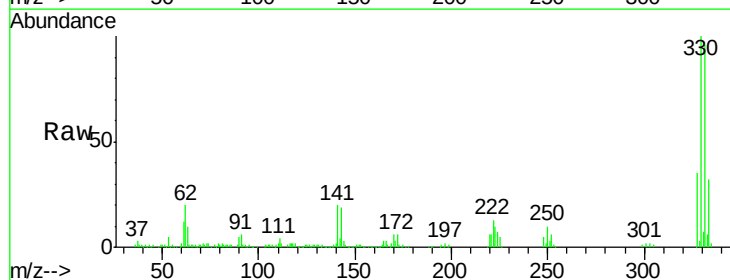


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

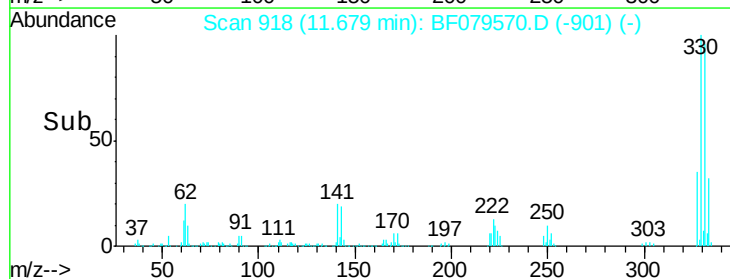
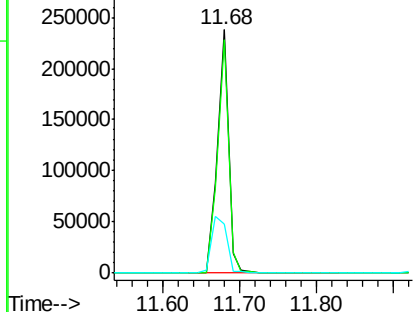


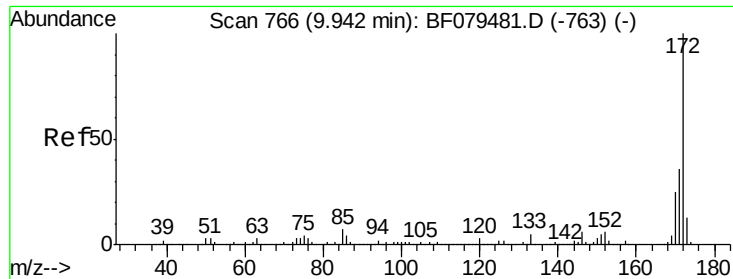
#41
 2,4,6-Tribromophenol
 Concen: 101.04 ng
 RT: 11.68 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF079570.D
 Acq: 29 May 2015 20:06

Tgt Ion:330 Resp: 242909
 Ion Ratio Lower Upper
 330 100
 332 95.4 0.0 0.0#
 141 30.8 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

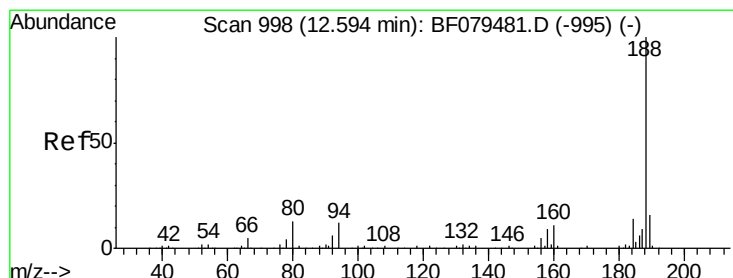
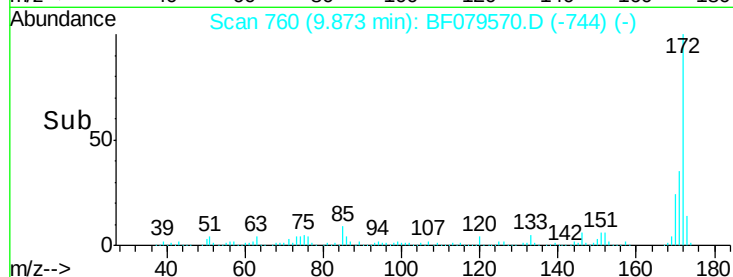
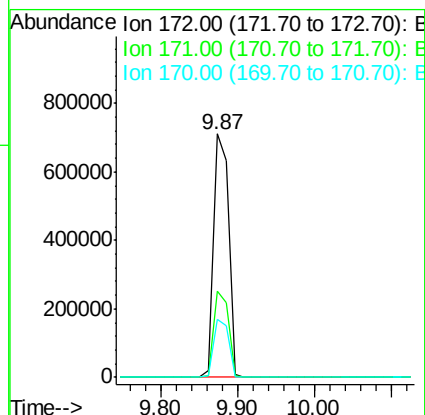
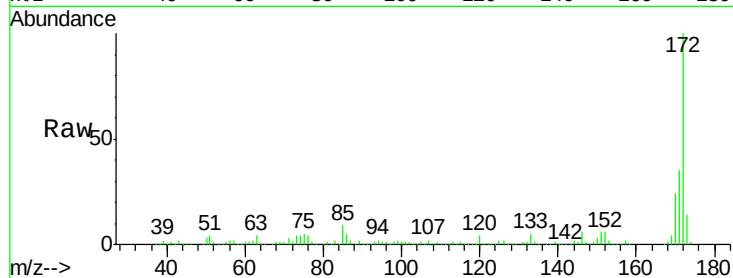




#44
 2-Fluorobiphenyl
 Concen: 61.87 ng
 RT: 9.87 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF079570.D
 Acq: 29 May 2015 20:06

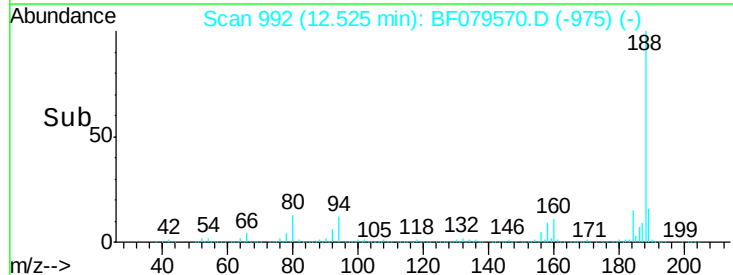
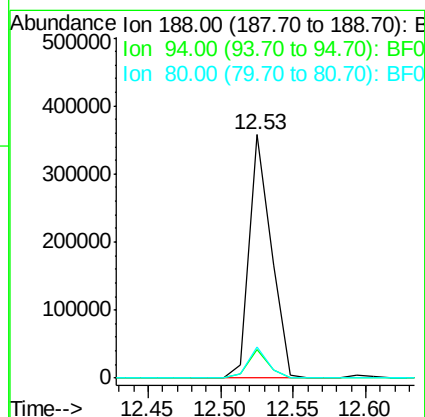
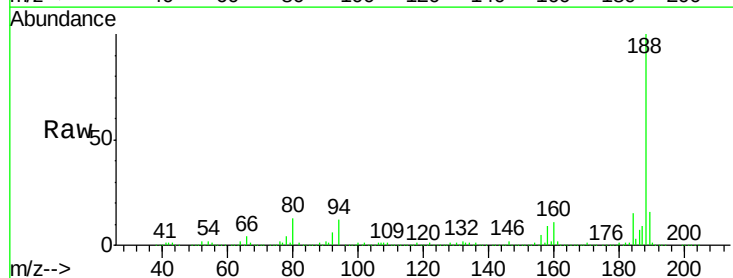
Instrument :
 BNA_F
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 MW-05

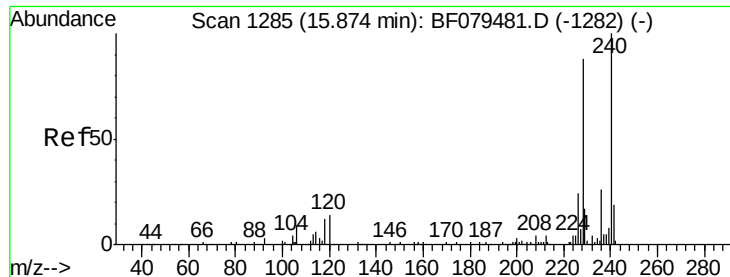
Tgt Ion:172 Resp: 949182
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.5 42.7
 170 24.0 19.7 29.5



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.53 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: BF079570.D
 Acq: 29 May 2015 20:06

Tgt Ion:188 Resp: 376860
 Ion Ratio Lower Upper
 188 100
 94 12.0 9.8 14.6
 80 12.7 10.5 15.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.90 min Scan# 1287

Delta R.T. 0.02 min

Lab File: BF079570.D

Acq: 29 May 2015 20:06

Instrument :

BNA_F

ClientSampleId :

MW-05

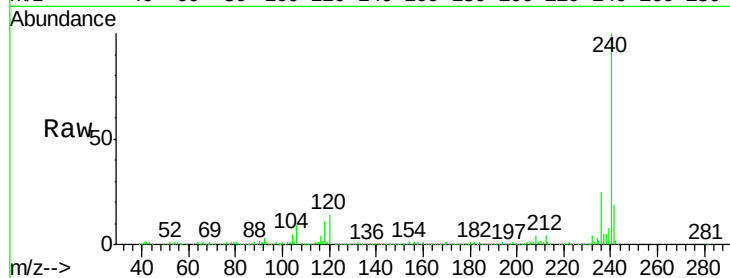
Tgt Ion:240 Resp: 357407

Ion Ratio Lower Upper

240 100

120 13.8 10.8 16.2

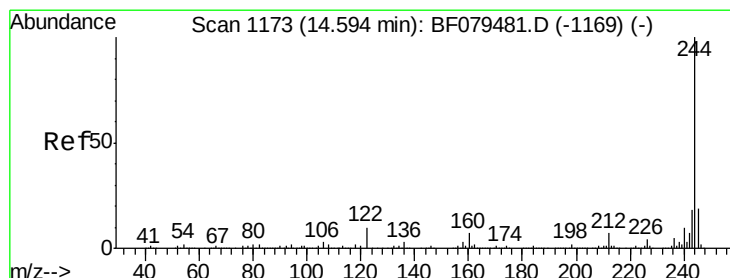
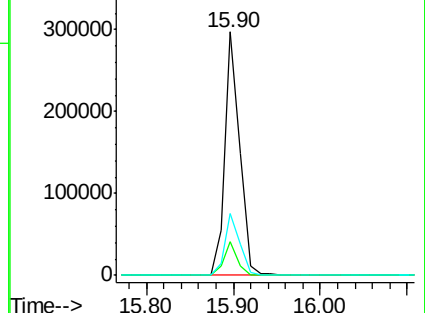
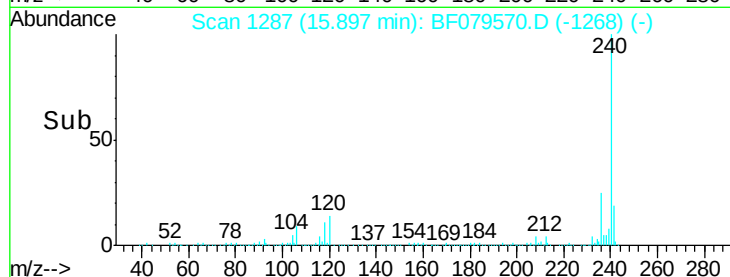
236 25.3 21.0 31.6



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: 61.21 ng

RT: 14.54 min Scan# 1168

Delta R.T. 0.01 min

Lab File: BF079570.D

Acq: 29 May 2015 20:06

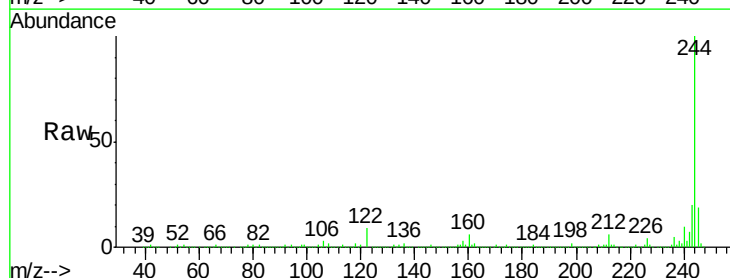
Tgt Ion:244 Resp: 932191

Ion Ratio Lower Upper

244 100

212 6.2 5.2 7.8

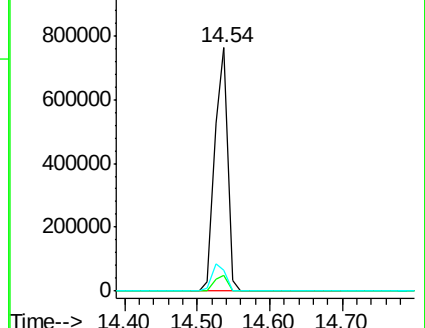
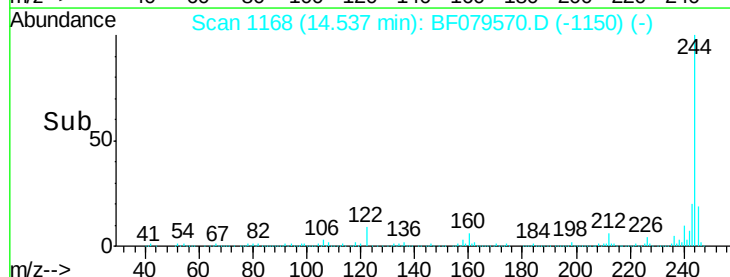
122 8.8 8.0 12.0

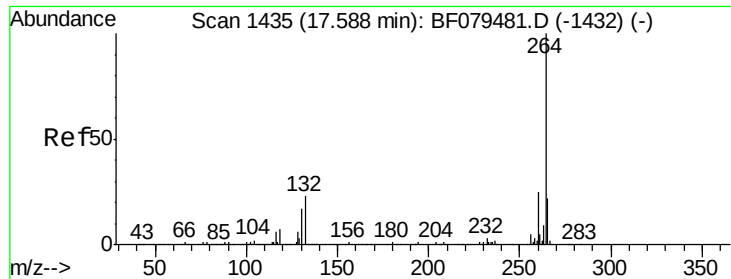


Abundance Ion 244.00 (243.70 to 244.70): E

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: 17.89 min Scan# 1461
Delta R.T. 0.08 min
Lab File: BF079570.D
Acq: 29 May 2015 20:06

Instrument :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.8	29.8
265	21.4	17.8	26.6

