

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051815\
 Data File : BF079329.D
 Acq On : 19 May 2015 3:29
 Operator : TP/IZ
 Sample : G2273-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-05-D1

Quant Time: May 19 04:21:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 19 03:47:03 2015
 Response via : Initial Calibration

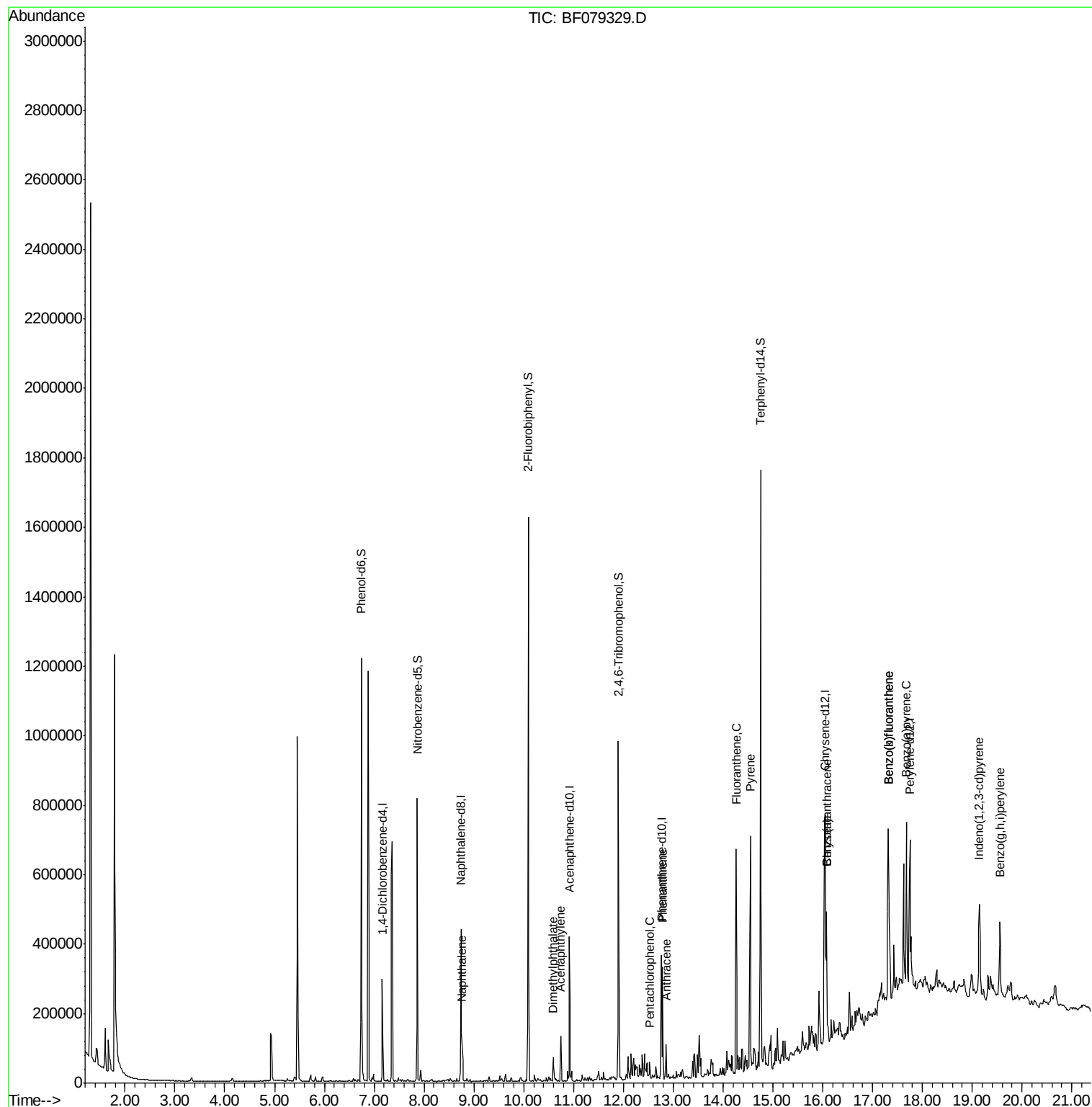
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	47807	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	198022	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	98350	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	192566	20.00	ng	0.01
75) Chrysene-d12	16.05	240	205601	20.00	ng	-0.01
86) Perylene-d12	17.75	264	207315	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.74	99	419085	114.16	ng	0.00
23) Nitrobenzene-d5	7.86	82	248449	72.11	ng	0.00
41) 2,4,6-Tribromophenol	11.90	330	129481	121.70	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	503620	71.34	ng	0.00
78) Terphenyl-d14	14.75	244	592703	69.02	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.76	128	48352	5.12	ng	99
48) Acenaphthylene	10.74	152	57306	5.72	ng	99
49) Dimethylphthalate	10.59	163	32994	4.57	ng	99
69) Pentachlorophenol	12.54	266	3533	9.25	ng	93
70) Phenanthrene	12.79	178	124387	11.55	ng	100
71) Anthracene	12.86	178	51041	4.83	ng	99
74) Fluoranthene	14.26	202	295765	26.35	ng	99
77) Pyrene	14.55	202	321772	27.16	ng	99
80) Benzo(a)anthracene	16.08	228	166654	14.80	ng	95
82) Chrysene	16.08	228	165907	15.32	ng	98
85) Indeno(1,2,3-cd)pyrene	19.14	276	183723	13.32	ng	95
87) Benzo(b)fluoranthene	17.31	252	399144	35.17	ng	99
88) Benzo(k)fluoranthene	17.31	252	399144	36.33	ng	# 96
89) Benzo(a)pyrene	17.68	252	226172	21.65	ng	# 96
91) Benzo(g,h,i)perylene	19.55	276	174923	15.72	ng	96

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

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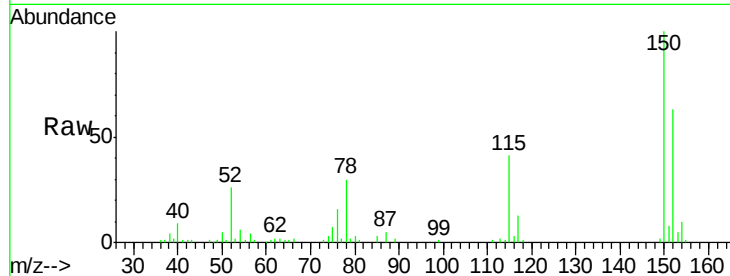




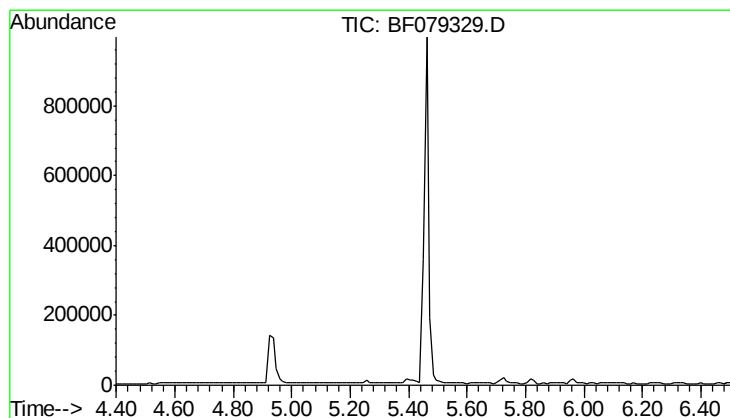
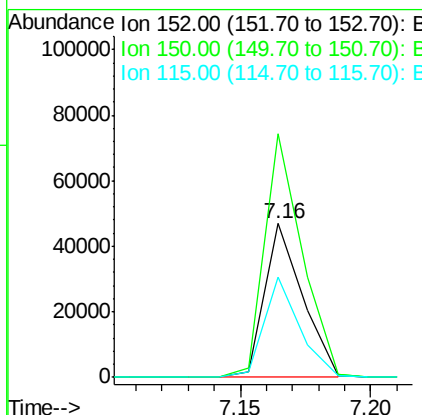
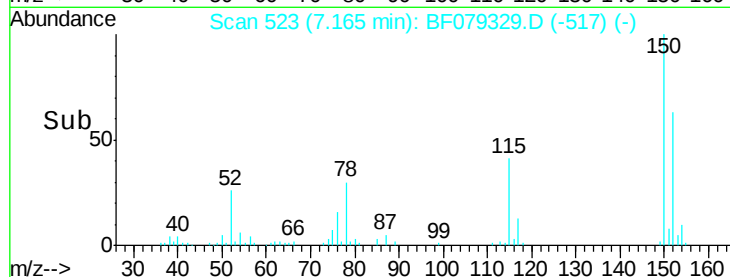
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.16 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF079329.D
 Acq: 19 May 2015 3:29

Instrument :
 BNA_F
 ClientSampleId :
 WC-05-D1

Tgt Ion	Resp	Lower	Upper
152	47807		
150	158.3	123.8	185.8
115	65.3	49.4	74.0

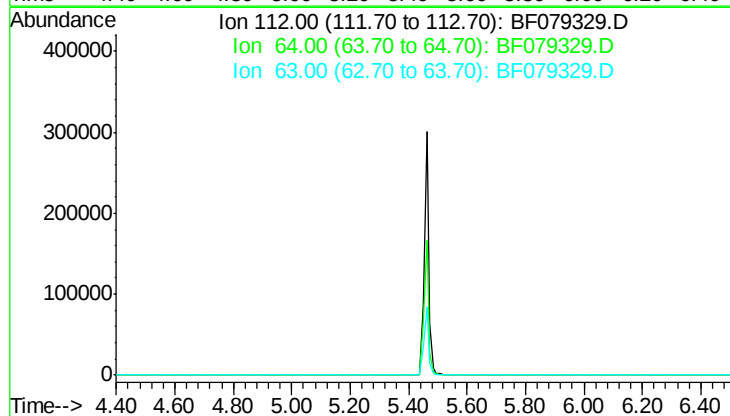


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.45 min
 Lab File: BF079329.D
 Acq: 19 May 2015 3:29

Tgt Ion	Sig	Exp Ratio
112	100	
64	55.2	
63	28.4	





#7

Phenol-d6

Concen: 114.16 ng

RT: 6.74 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF079329.D

Acq: 19 May 2015 3:29

Instrument :

BNA_F

ClientSampleId :

WC-05-D1

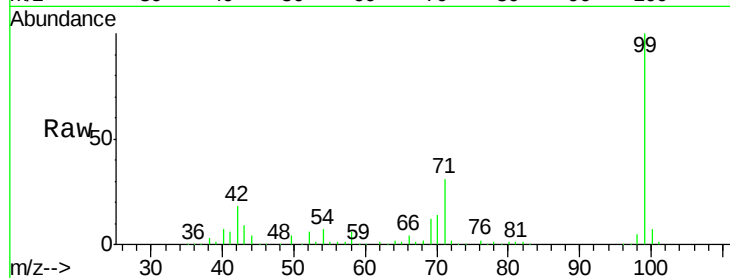
Tgt Ion: 99 Resp: 419085

Ion Ratio Lower Upper

99 100

42 18.1 17.1 25.7

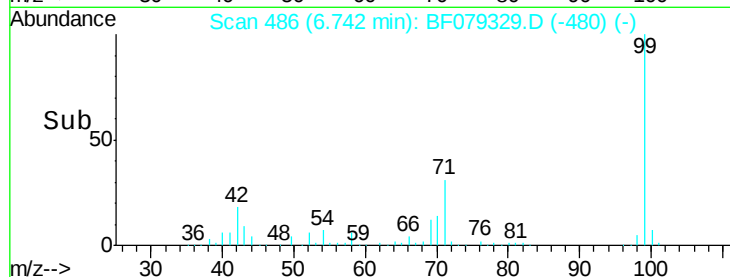
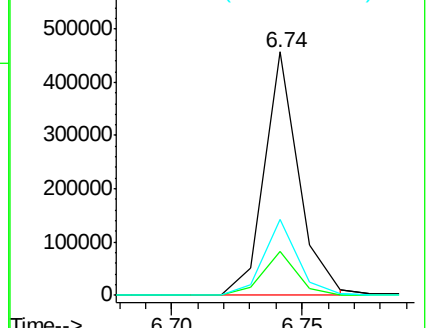
71 31.3 26.3 39.5



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: 8.74 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF079329.D

Acq: 19 May 2015 3:29

Tgt Ion: 136 Resp: 198022

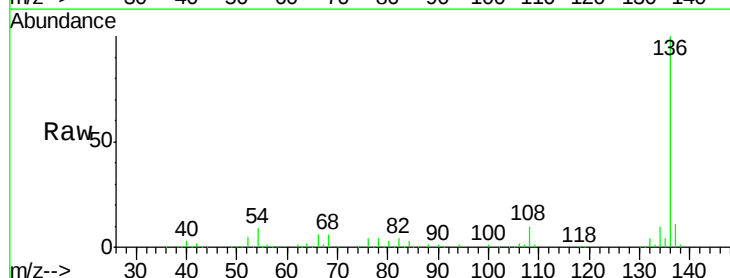
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 8.9 6.9 10.3

68 6.4 4.9 7.3

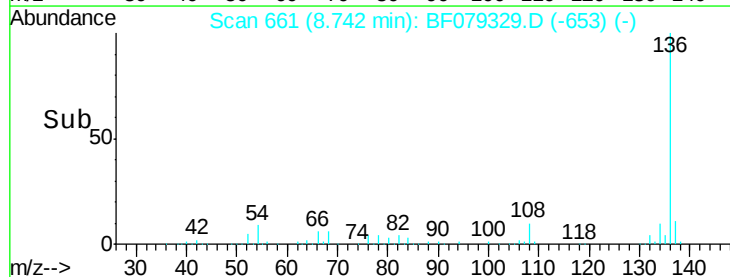
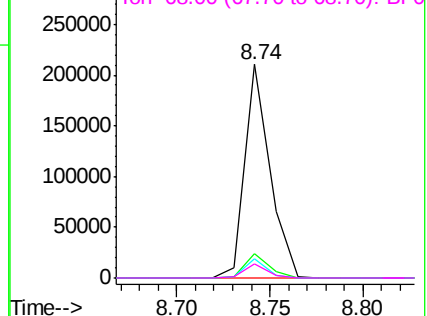


Abundance Ion 136.00 (135.70 to 136.70): E

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

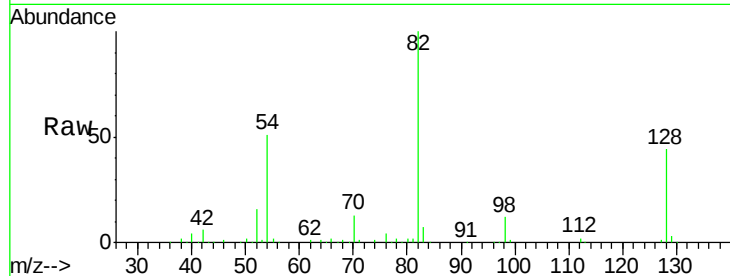




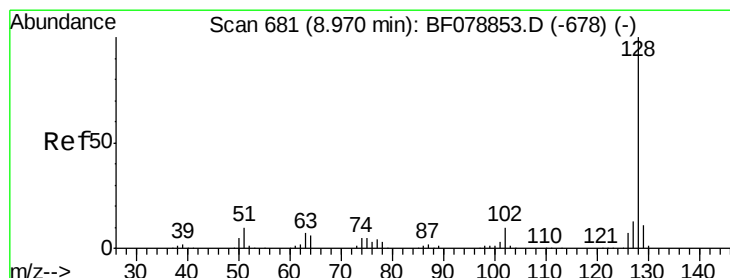
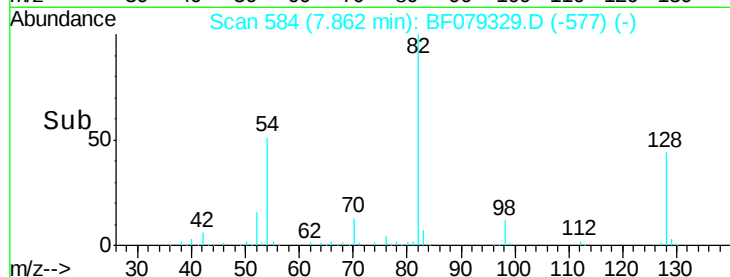
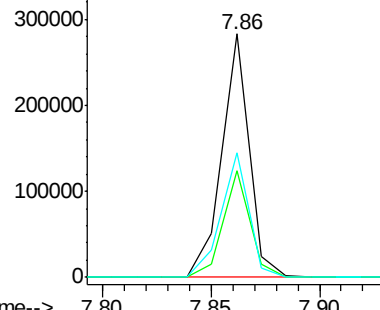
#23
 Nitrobenzene-d5
 Concen: 72.11 ng
 RT: 7.86 min Scan# 584
 Delta R.T. -0.00 min
 Lab File: BF079329.D
 Acq: 19 May 2015 3:29

Instrument :
 BNA_F
 ClientSampleId :
 WC-05-D1

Tgt Ion: 82 Resp: 248449
 Ion Ratio Lower Upper
 82 100
 128 43.6 29.7 44.5
 54 51.2 46.2 69.4

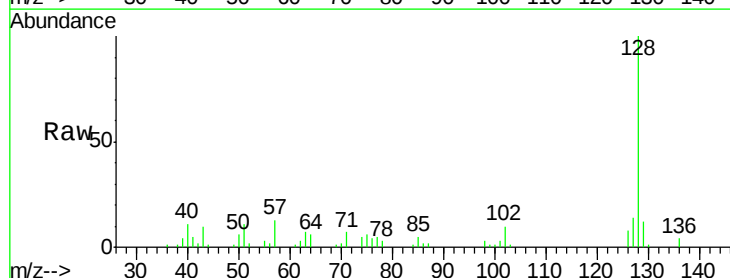


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

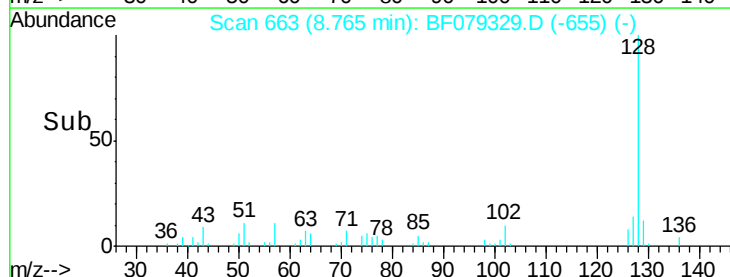
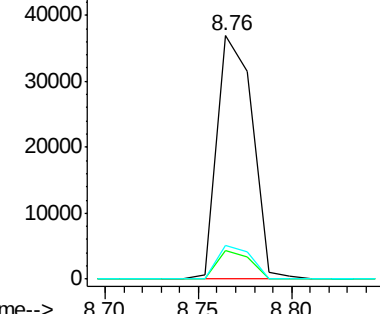


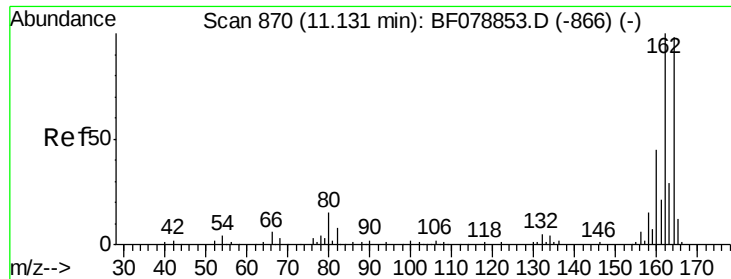
#31
 Naphthalene
 Concen: 5.12 ng
 RT: 8.76 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF079329.D
 Acq: 19 May 2015 3:29

Tgt Ion: 128 Resp: 48352
 Ion Ratio Lower Upper
 128 100
 129 11.8 9.2 13.8
 127 13.7 10.3 15.5



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

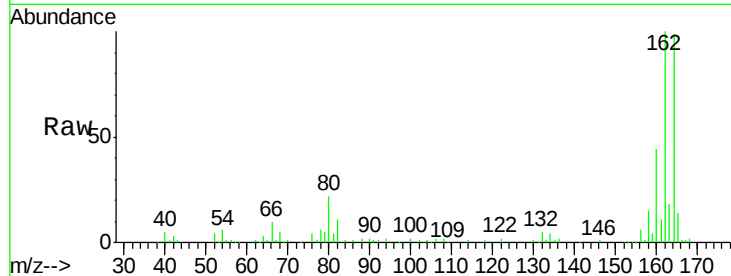




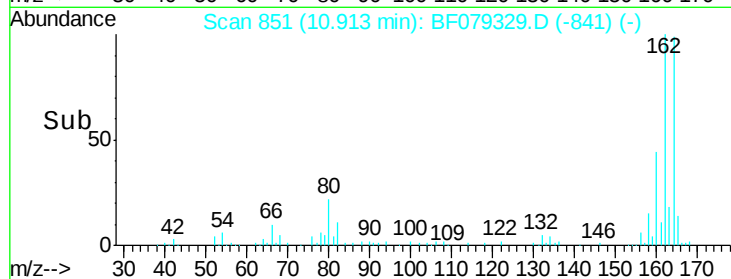
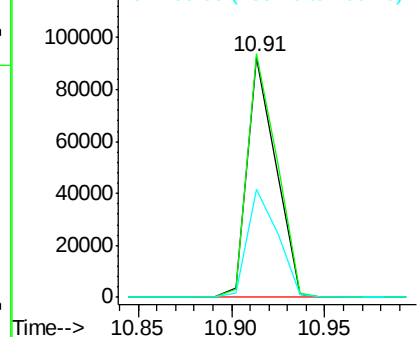
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.91 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF079329.D
 Acq: 19 May 2015 3:29

Instrument :
 BNA_F
 ClientSampleId :
 WC-05-D1

Tgt Ion:164 Resp: 98350
 Ion Ratio Lower Upper
 164 100
 162 101.4 81.4 122.0
 160 44.9 36.6 54.8

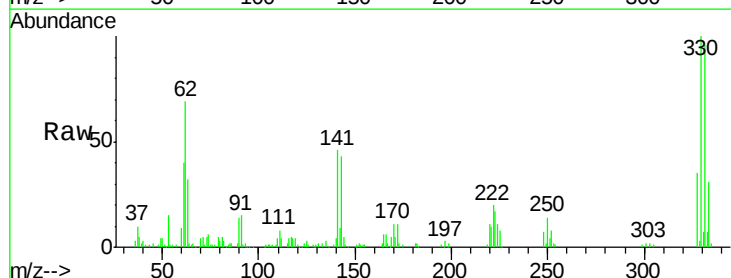


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

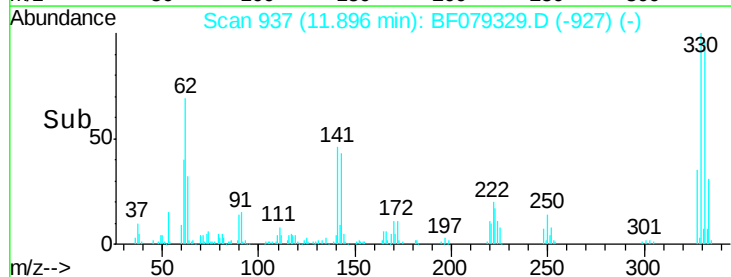
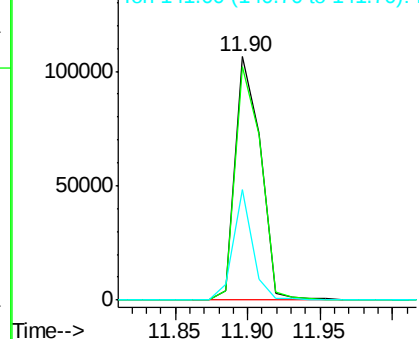


#41
 2,4,6-Tribromophenol
 Concen: 121.70 ng
 RT: 11.90 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: BF079329.D
 Acq: 19 May 2015 3:29

Tgt Ion:330 Resp: 129481
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.9 115.3
 141 35.5 27.8 41.8



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

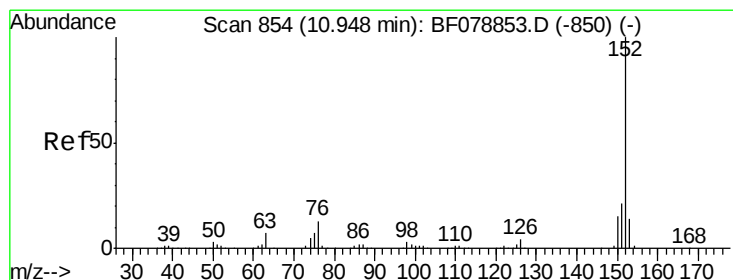
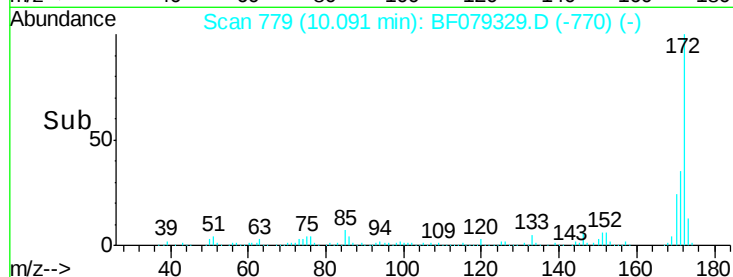
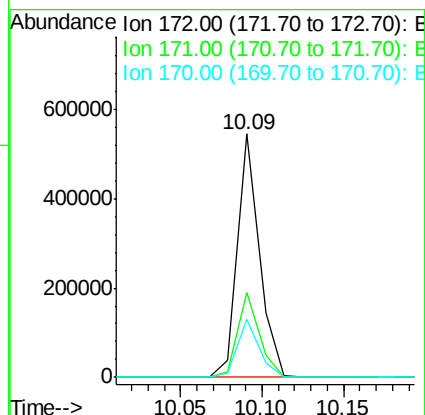
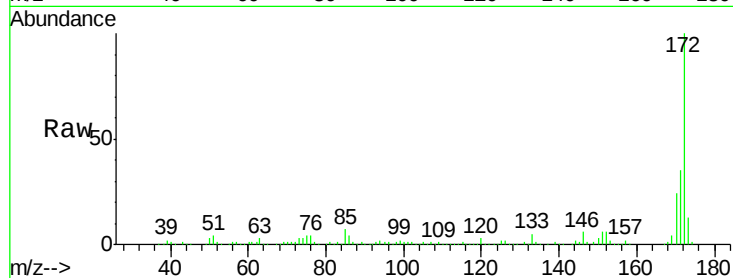




#44
2-Fluorobiphenyl
Concen: 71.34 ng
RT: 10.09 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF079329.D
Acq: 19 May 2015 3:29

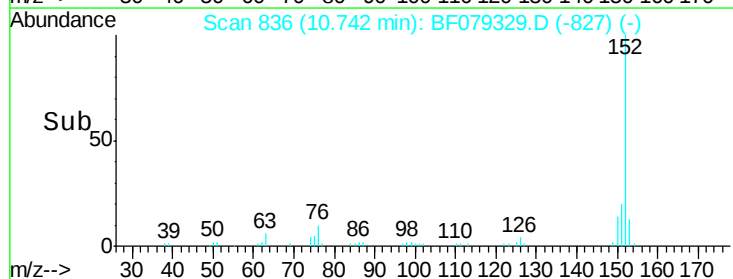
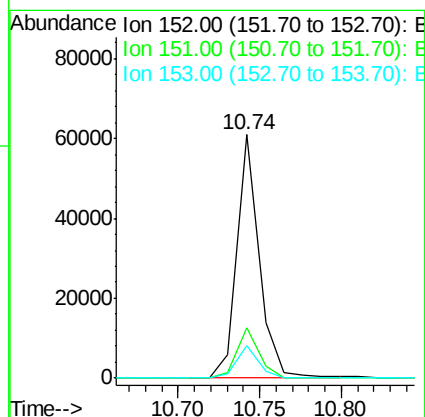
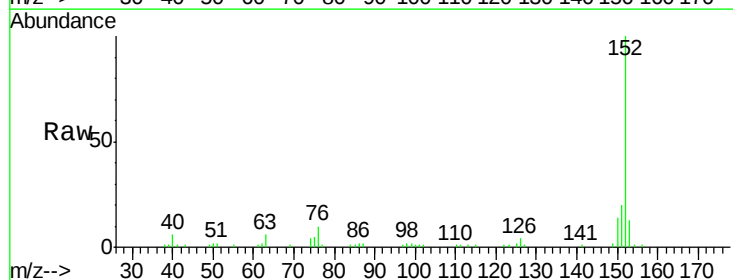
Instrument :
BNA_F
ClientSampleId :
WC-05-D1

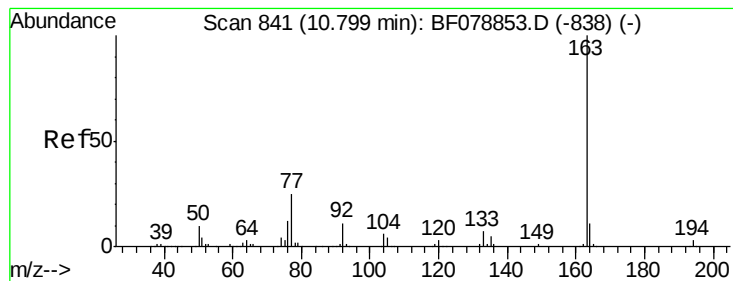
Tgt Ion:172 Resp: 503620
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 24.0 19.4 29.2



#48
Acenaphthylene
Concen: 5.72 ng
RT: 10.74 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF079329.D
Acq: 19 May 2015 3:29

Tgt Ion:152 Resp: 57306
Ion Ratio Lower Upper
152 100
151 20.4 16.6 24.8
153 13.3 11.0 16.6





#49

Dimethylphthalate

Concen: 4.57 ng

RT: 10.59 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF079329.D

Acq: 19 May 2015 3:29

Instrument :

BNA_F

ClientSampleId :

WC-05-D1

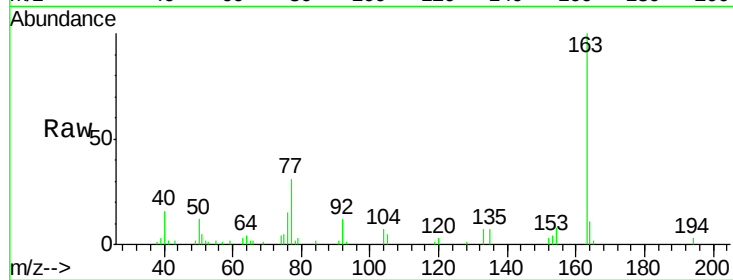
Tgt Ion:163 Resp: 32994

Ion Ratio Lower Upper

163 100

194 2.9 2.4 3.6

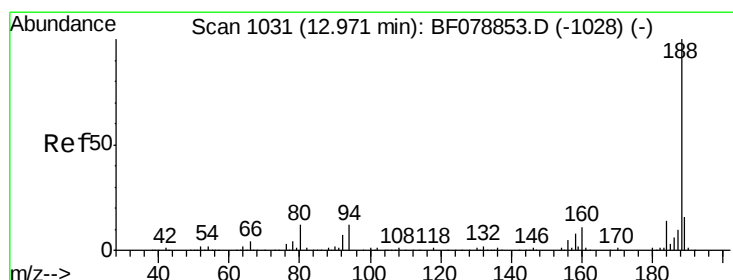
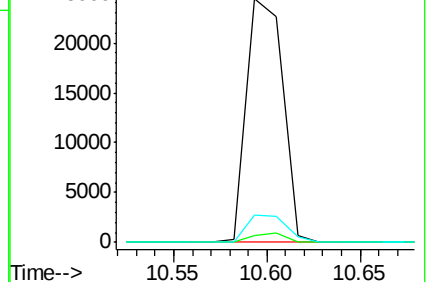
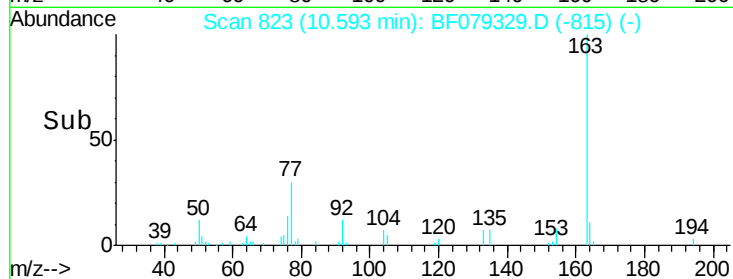
164 11.0 8.6 12.8



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: 12.77 min Scan# 1013

Delta R.T. 0.01 min

Lab File: BF079329.D

Acq: 19 May 2015 3:29

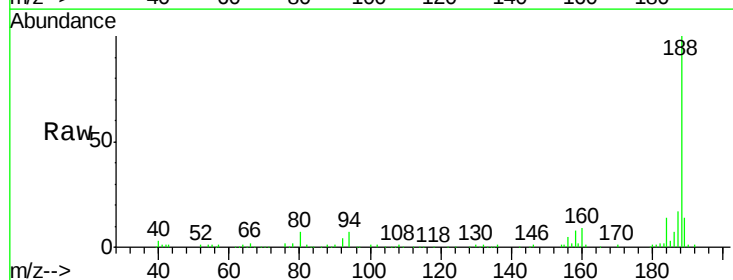
Tgt Ion:188 Resp: 192566

Ion Ratio Lower Upper

188 100

94 7.1 9.4 14.0#

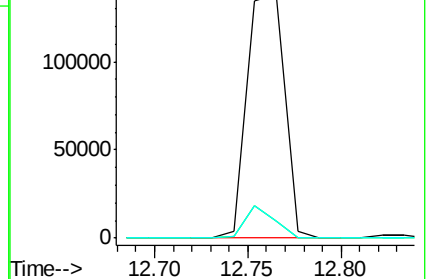
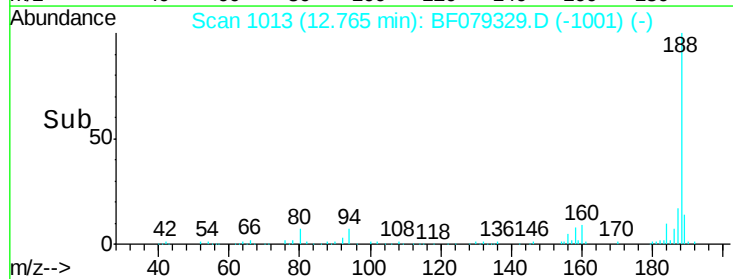
80 7.0 9.8 14.6#

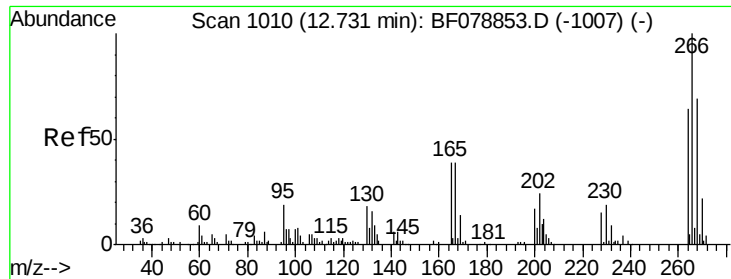


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

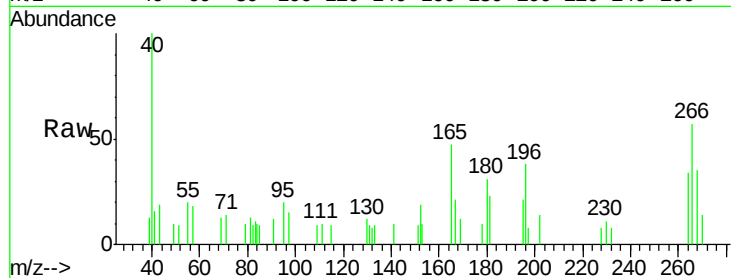




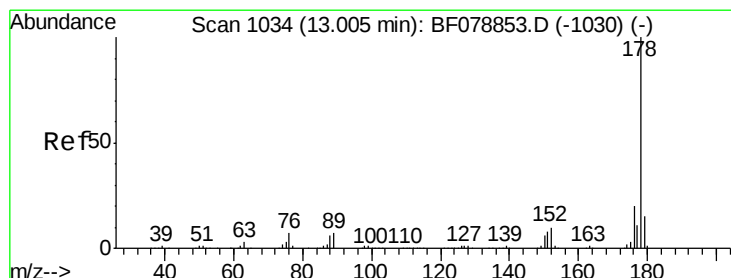
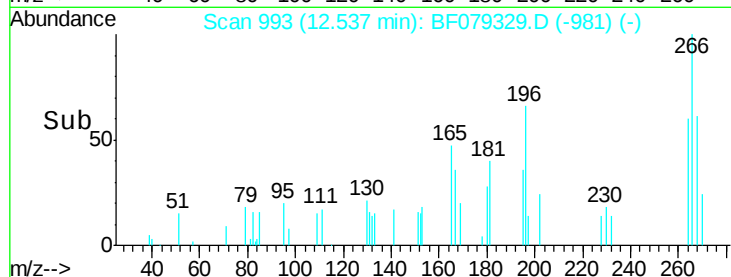
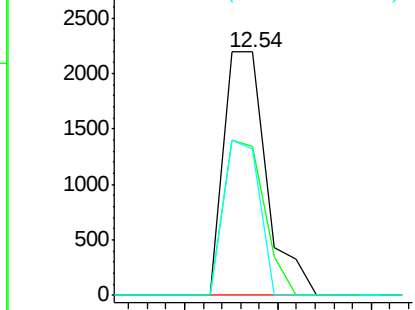
#69
 Pentachlorophenol
 Concen: 9.25 ng
 RT: 12.54 min Scan# 993
 Delta R.T. 0.01 min
 Lab File: BF079329.D
 Acq: 19 May 2015 3:29

Instrument :
 BNA_F
 ClientSampleId :
 WC-05-D1

Tgt Ion: 266 Resp: 3533
 Ion Ratio Lower Upper
 266 100
 268 61.3 55.0 82.6
 264 60.1 50.9 76.3

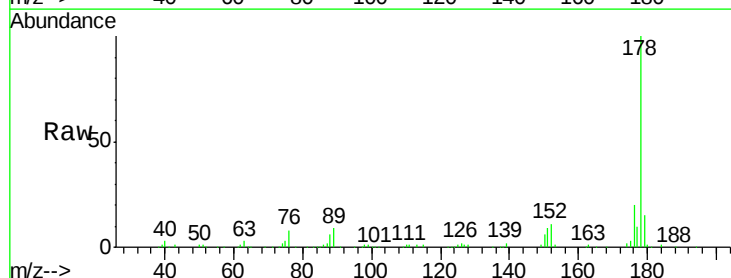


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 11.55 ng
 RT: 12.79 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BF079329.D
 Acq: 19 May 2015 3:29

Tgt Ion: 178 Resp: 124387
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.9 23.9
 179 15.2 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

