

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
 Data File : BF078979.D
 Acq On : 7 May 2015 5:13
 Operator : TP/IZ
 Sample : G2024-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-02

Quant Time: May 07 07:21:06 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 05:28:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	66406	20.00	ng	0.00
21) Naphthalene-d8	8.92	136	291994	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	134398	20.00	ng	0.00
63) Phenanthrene-d10	12.95	188	267220	20.00	ng	0.00
75) Chrysene-d12	16.24	240	273608	20.00	ng	-0.01
86) Perylene-d12	17.97	264	258171	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	560799	145.37	ng	0.01
7) Phenol-d6	6.90	99	654952	128.44	ng	0.00
23) Nitrobenzene-d5	8.04	82	453500	89.26	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	241337	165.99	ng	0.00
44) 2-Fluorobiphenyl	10.27	172	922862	95.67	ng	0.00
78) Terphenyl-d14	14.95	244	1101821	96.41	ng	0.00

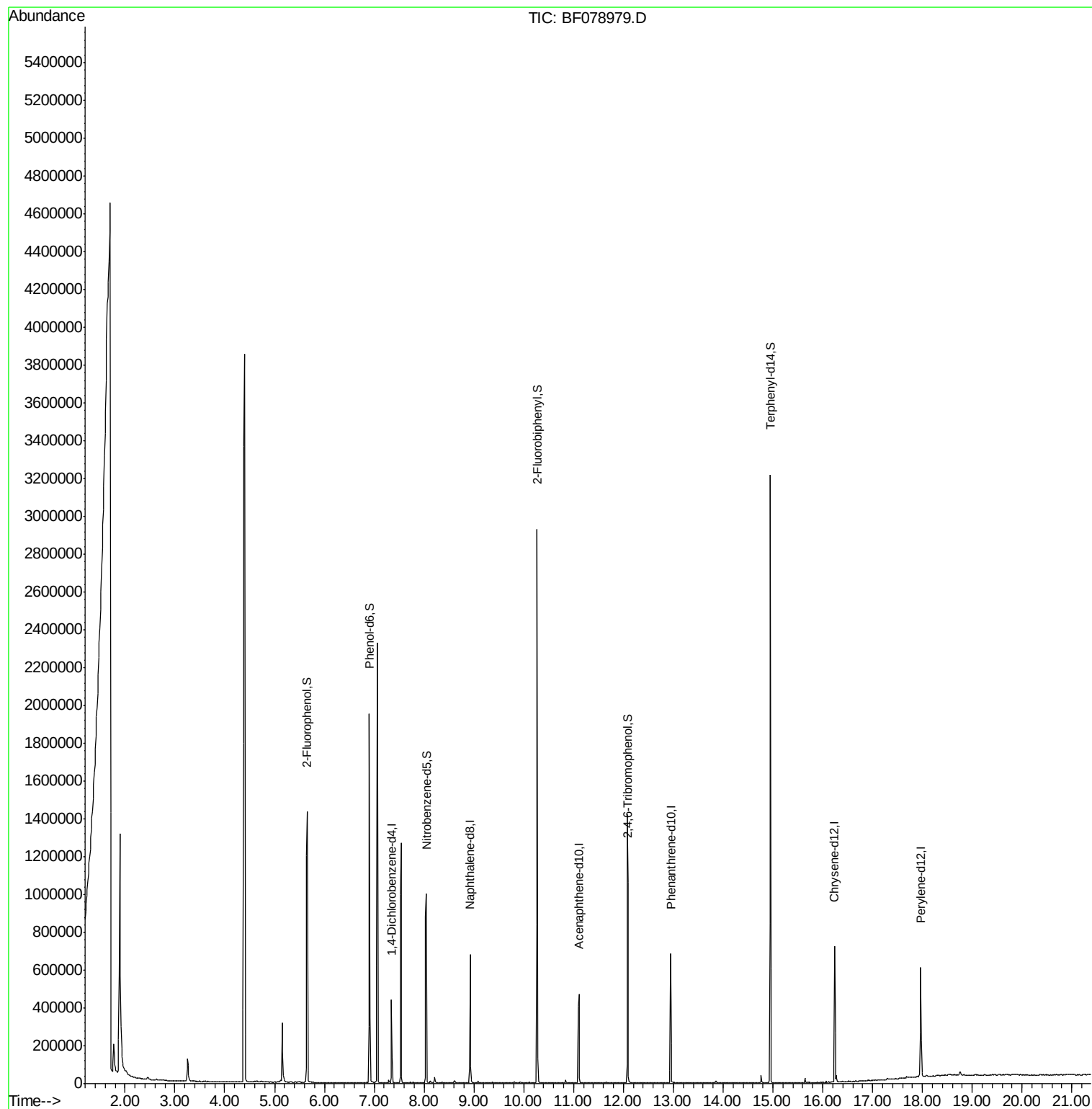
Target Compounds Qvalue

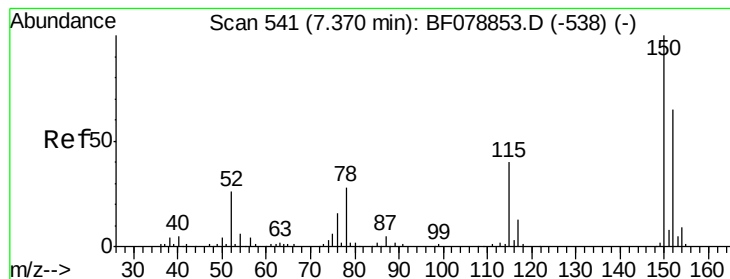
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 07 05:28:56 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.35 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF078979.D

Acq: 7 May 2015 5:13

Instrument :

BNA_F

ClientSampleId :

WC-02

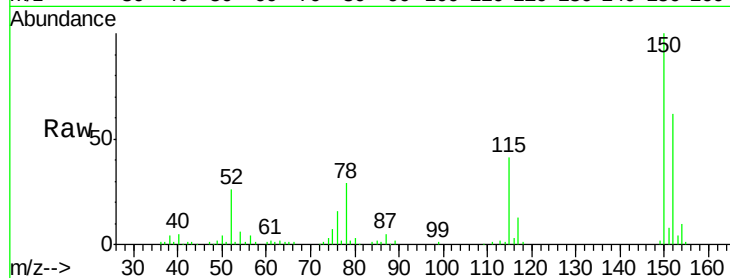
Tot Ion:152 Resp: 66406

Ion Ratio Lower Upper

152 100

150 160.8 122.0 183.0

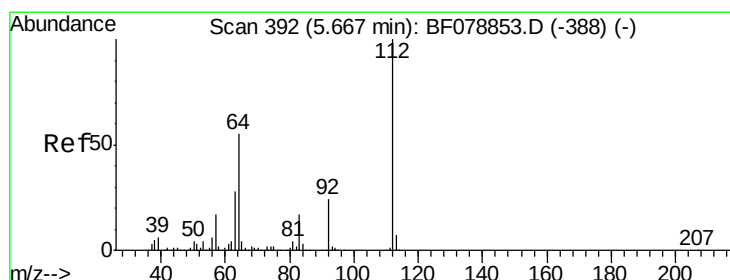
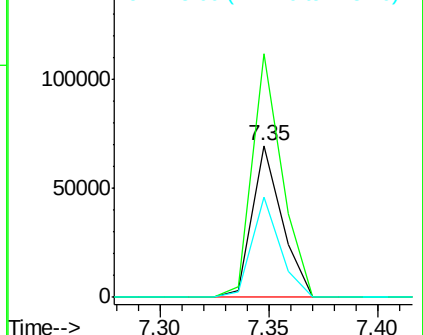
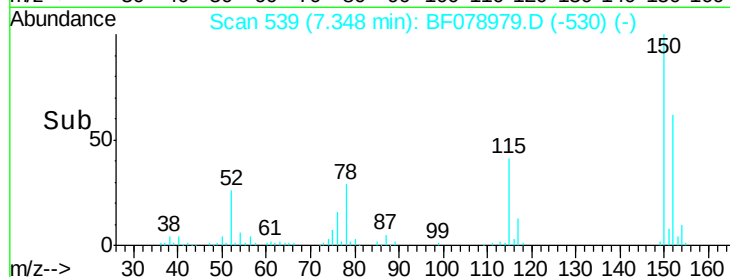
115 66.2 46.3 69.5



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: 145.37 ng

RT: 5.66 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF078979.D

Acq: 7 May 2015 5:13

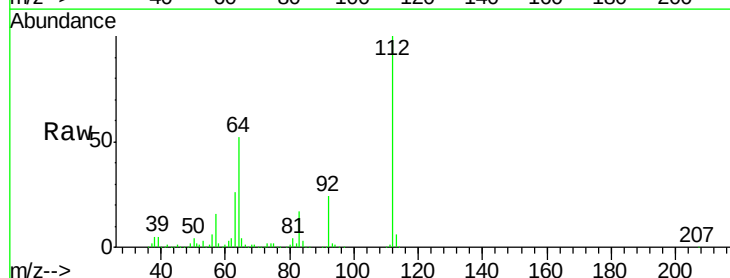
Tgt Ion:112 Resp: 560799

Ion Ratio Lower Upper

112 100

64 51.9 53.5 80.3#

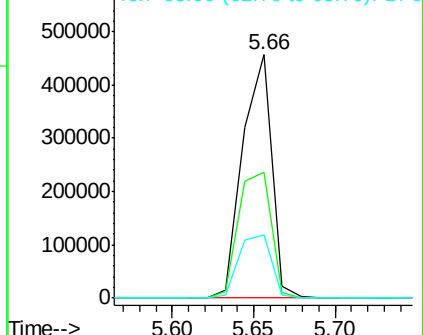
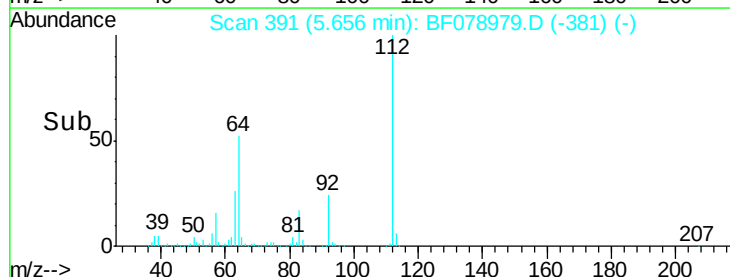
63 26.0 27.5 41.3#

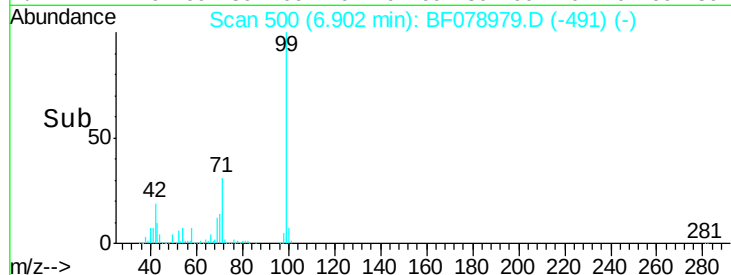
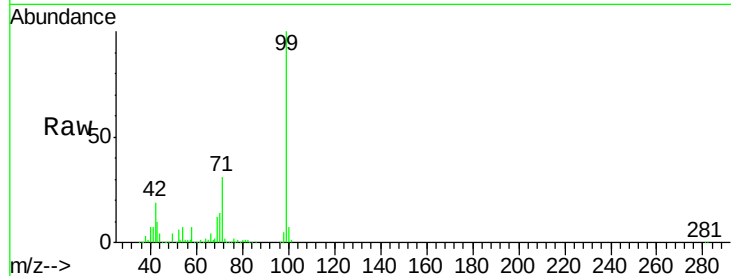
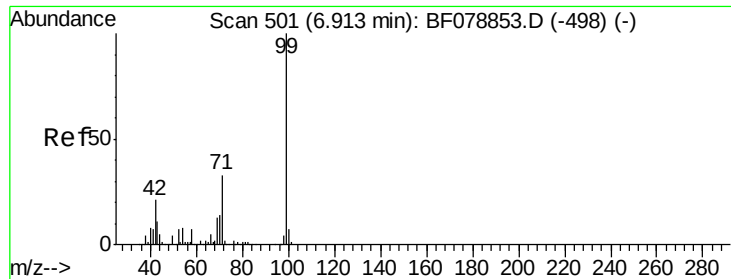


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 128.44 ng

RT: 6.90 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078979.D

Acq: 7 May 2015 5:13

Instrument :

BNA_F

ClientSampleId :

WC-02

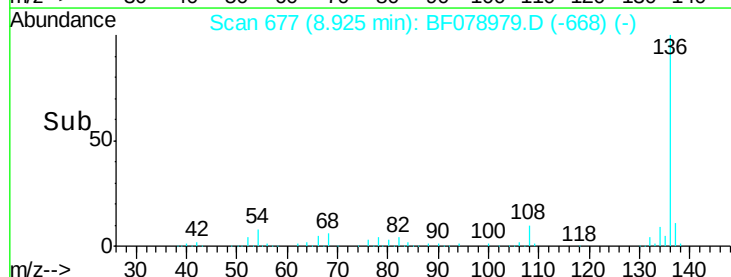
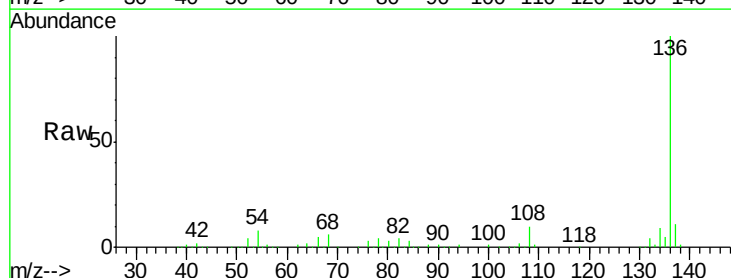
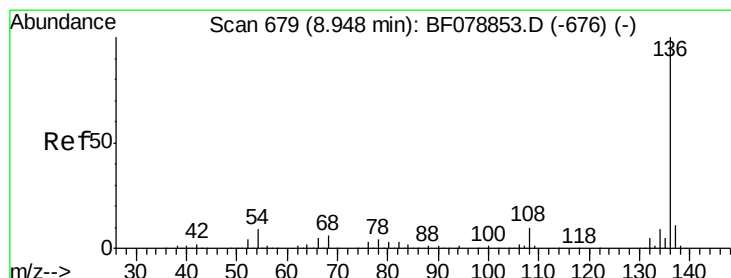
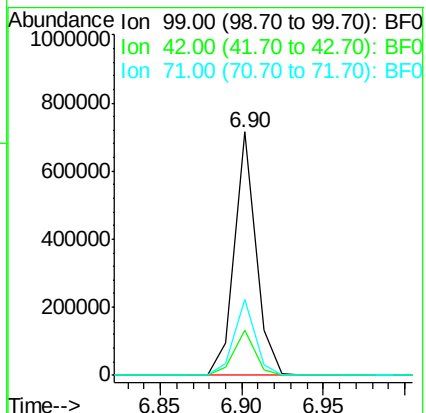
Tot Ion: 99 Resp: 654952

Ion Ratio Lower Upper

99 100

42 18.6 12.8 19.2

71 31.3 23.4 35.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.92 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF078979.D

Acq: 7 May 2015 5:13

Tgt Ion: 136 Resp: 291994

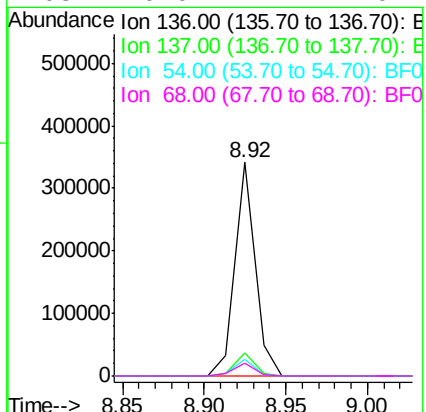
Ion Ratio Lower Upper

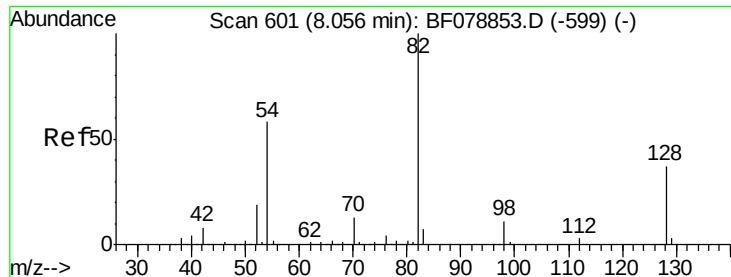
136 100

137 10.8 8.7 13.1

54 7.8 5.8 8.8

68 6.0 4.2 6.4

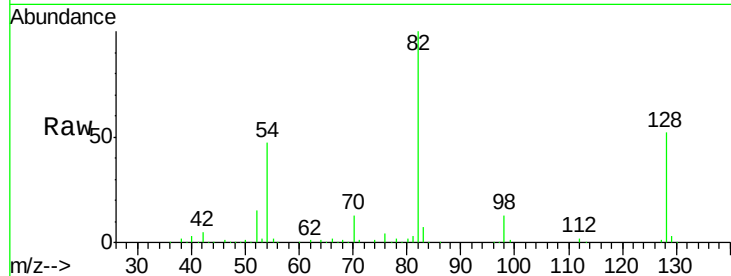




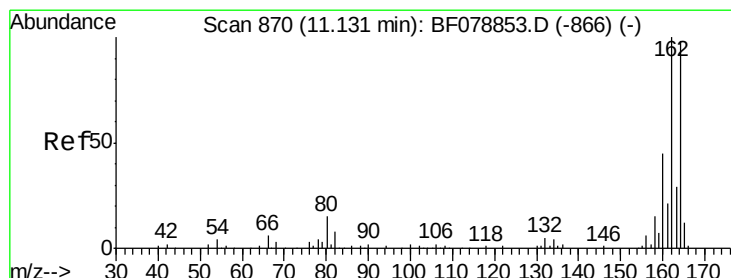
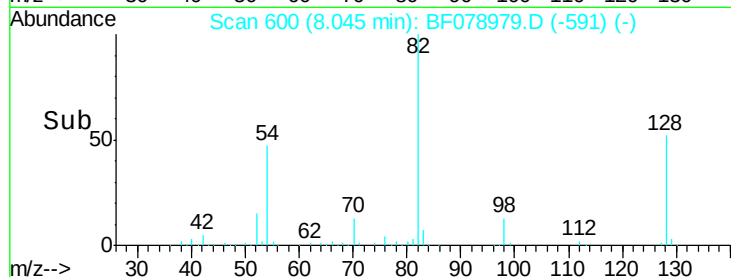
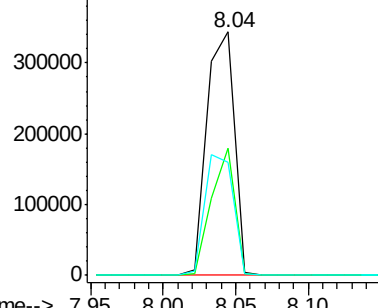
#23
 Nitrobenzene-d5
 Concen: 89.26 ng
 RT: 8.04 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF078979.D
 Acq: 7 May 2015 5:13

Instrument :
 BNA_F
 ClientSampled :
 WC-02

Tot Ion: 82 Resp: 453500
 Ion Ratio Lower Upper
 82 100
 128 52.0 30.0 45.0#
 54 46.5 46.4 69.6

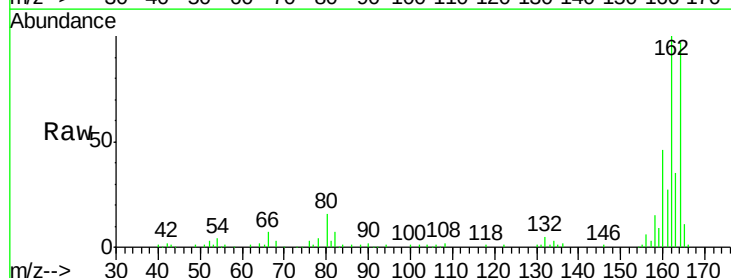


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

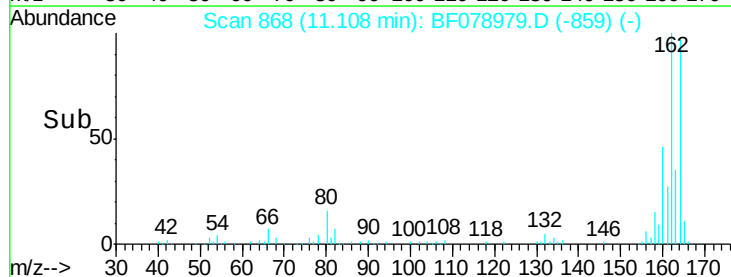
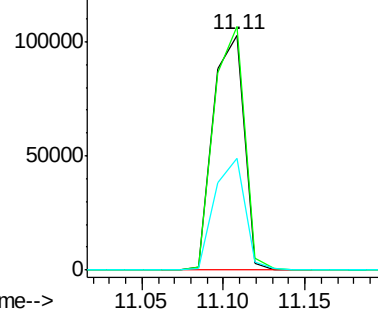


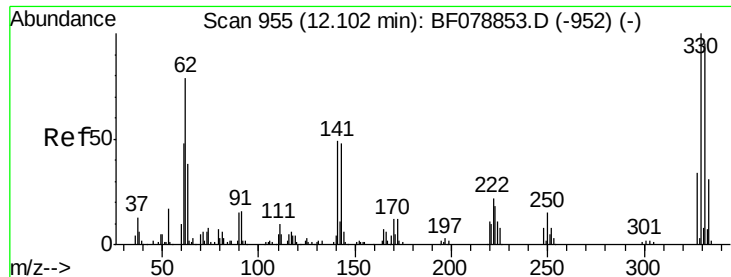
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: BF078979.D
 Acq: 7 May 2015 5:13

Tgt Ion:164 Resp: 134398
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.7 124.1
 160 47.4 35.8 53.8



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

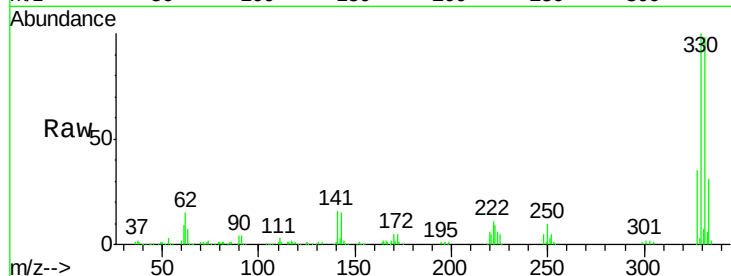




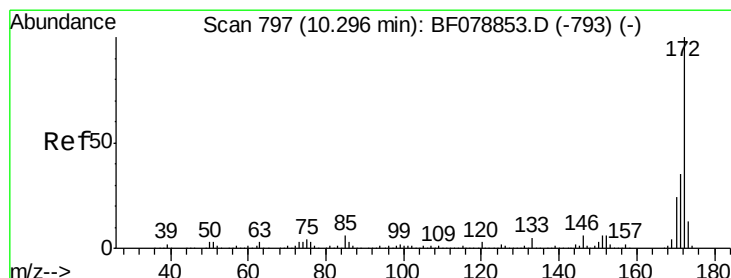
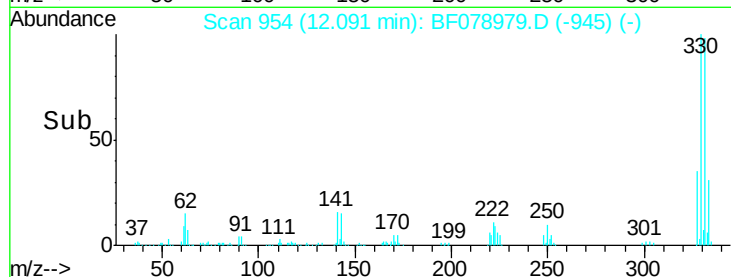
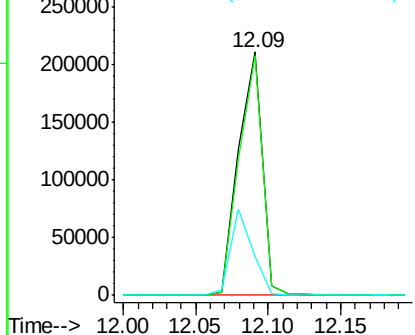
#41
 2,4,6-Tribromophenol
 Concen: 165.99 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BF078979.D
 Acq: 7 May 2015 5:13

Instrument :
 BNA_F
 ClientSampleId :
 WC-02

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	32.7	0.0	0.0#

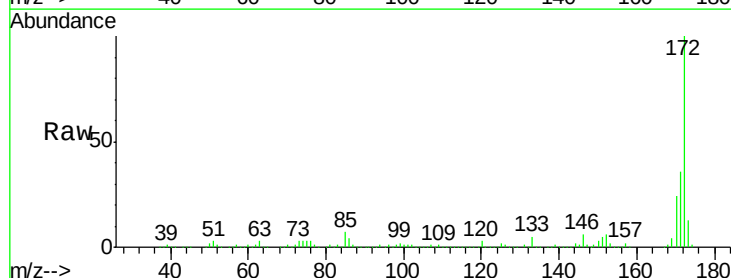


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

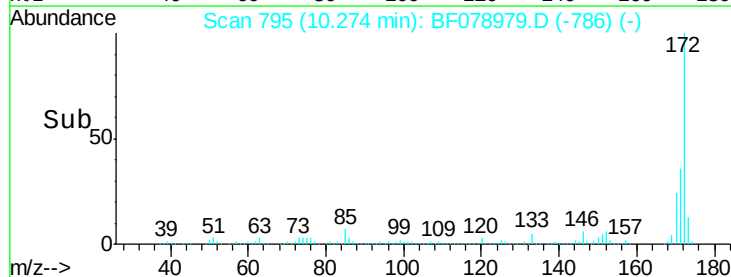
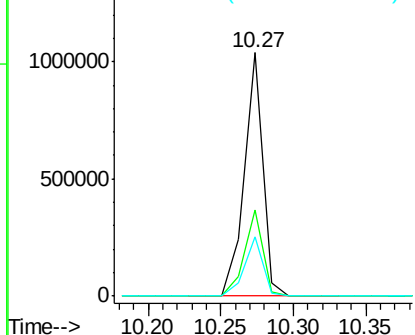


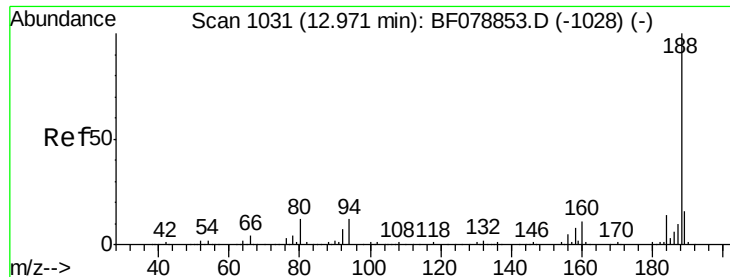
#44
 2-Fluorobiphenyl
 Concen: 95.67 ng
 RT: 10.27 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF078979.D
 Acq: 7 May 2015 5:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.9	41.9
170	24.1	19.4	29.0



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

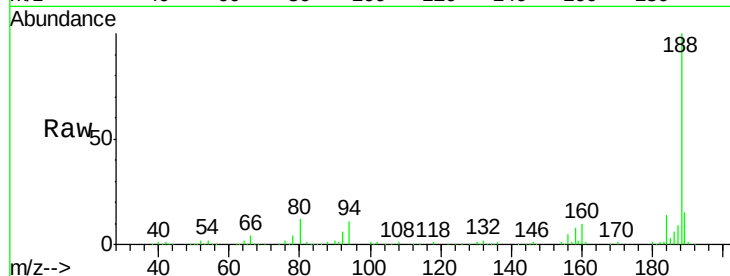




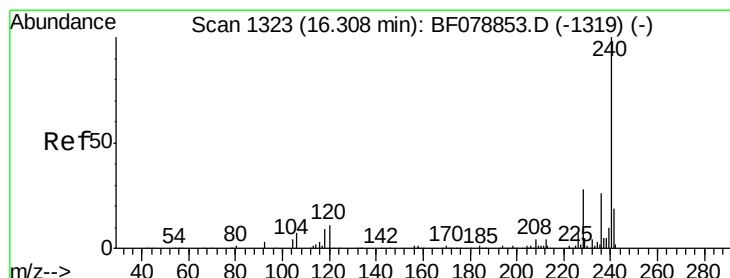
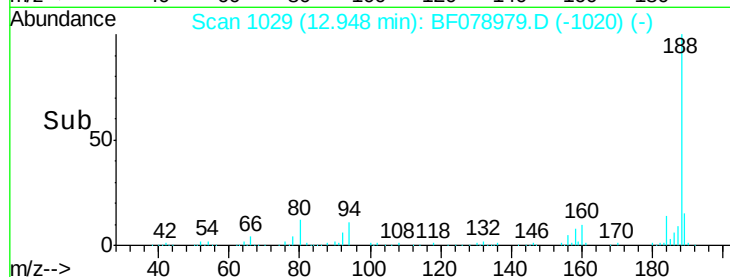
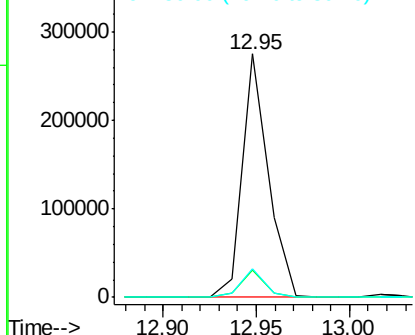
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.95 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF078979.D
Acq: 7 May 2015 5:13

Instrument :
BNA_F
ClientSampleId :
WC-02

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.2	12.2
80	11.7	8.9	13.3

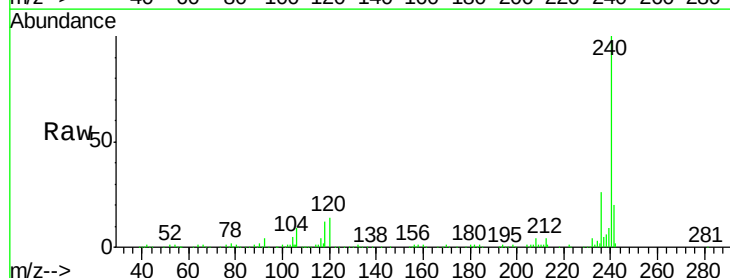


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

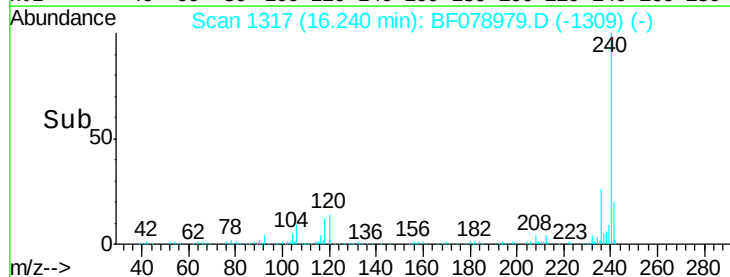
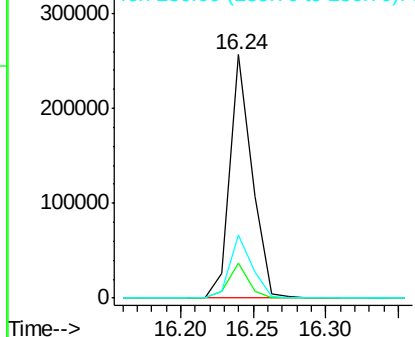


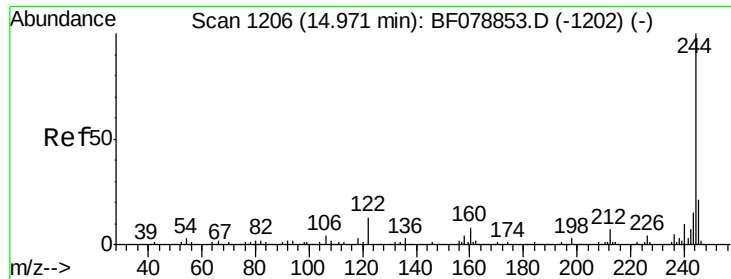
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.24 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF078979.D
Acq: 7 May 2015 5:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.1	9.7	14.5
236	25.7	20.2	30.4



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

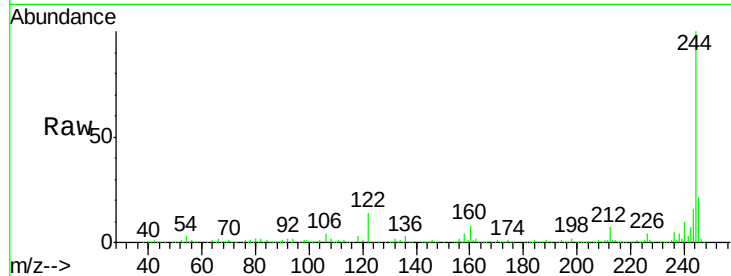




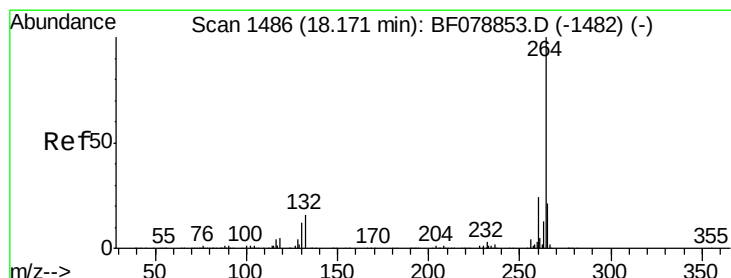
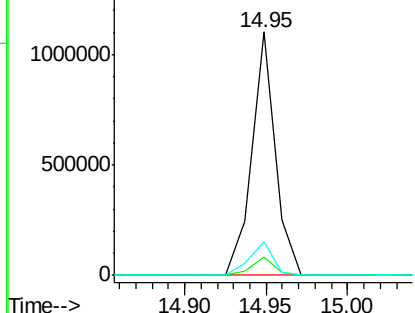
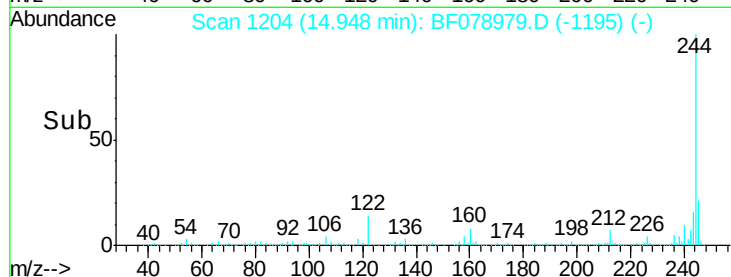
#78
 Terphenyl-d14
 Concen: 96.41 ng
 RT: 14.95 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF078979.D
 Acq: 7 May 2015 5:13

Instrument :
 BNA_F
 ClientSampleId :
 WC-02

Tot Ion:244 Resp: 1101821
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.6 8.4
 122 13.7 10.3 15.5

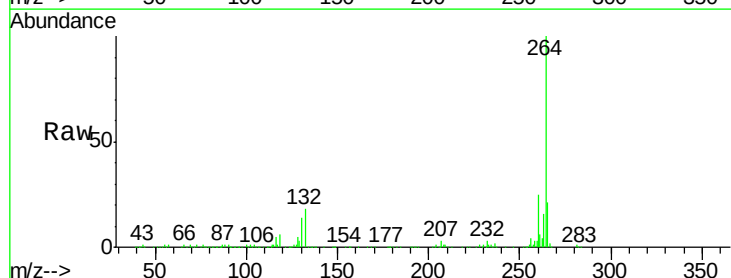


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.97 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: BF078979.D
 Acq: 7 May 2015 5:13

Tgt Ion:264 Resp: 258171
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.2
 265 20.7 18.3 27.5



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

