

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
 Data File : BF077976.D
 Acq On : 26 Mar 2015 4:32
 Operator : TP/IZ
 Sample : G1643-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-3-23-15

Quant Time: Mar 26 05:27:25 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 00:45:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	43690	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	186775	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	94292	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	199201	20.00	ng	-0.01
75) Chrysene-d12	15.95	240	215476	20.00	ng	-0.02
86) Perylene-d12	17.62	264	208664	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	107426	42.92	ng	0.00
7) Phenol-d6	6.67	99	83187	26.90	ng	0.00
23) Nitrobenzene-d5	7.79	82	214644	75.33	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	102061	113.13	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	501771	78.20	ng	0.00
78) Terphenyl-d14	14.67	244	659312	74.74	ng	0.00

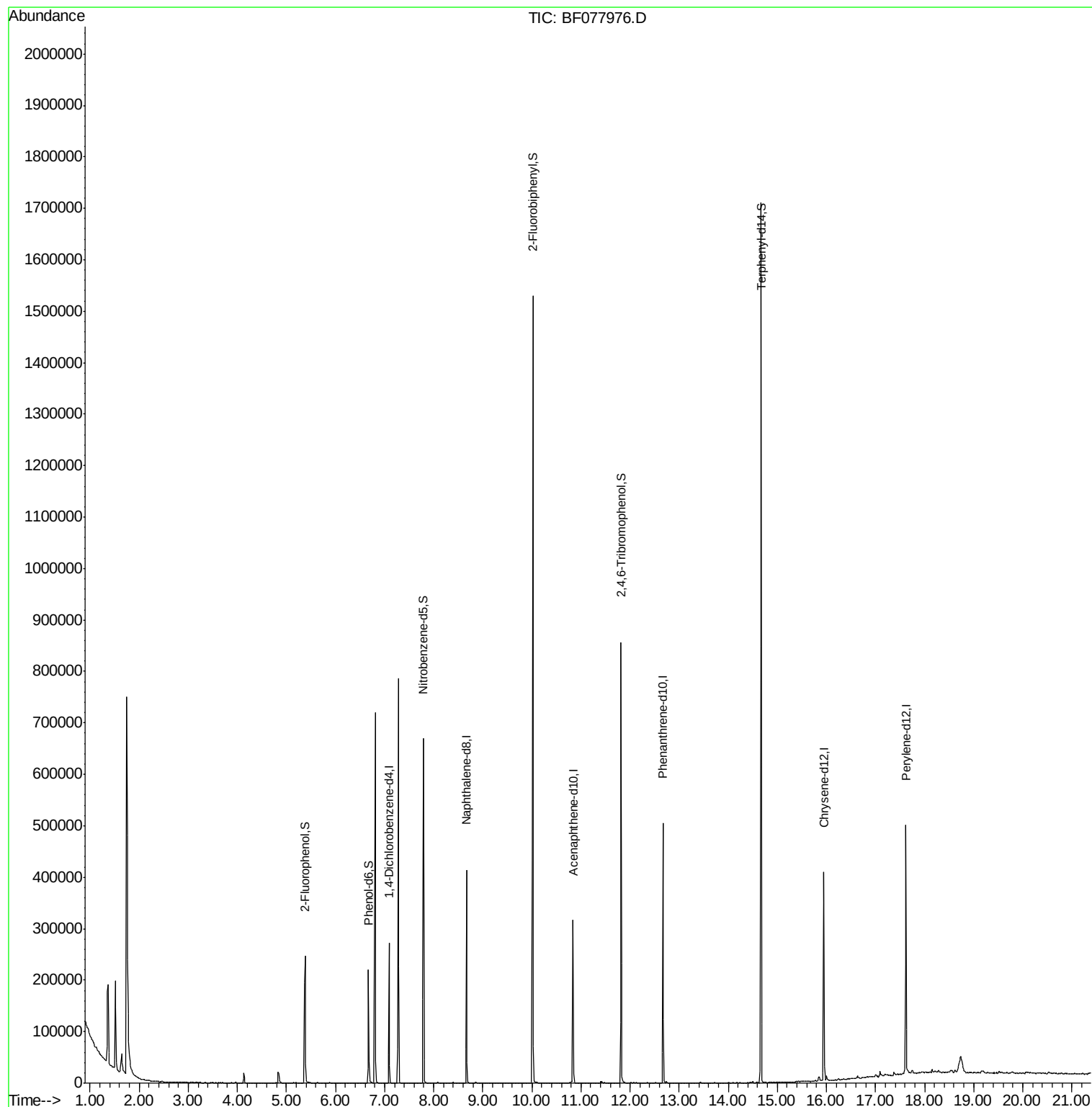
Target Compounds Qvalue

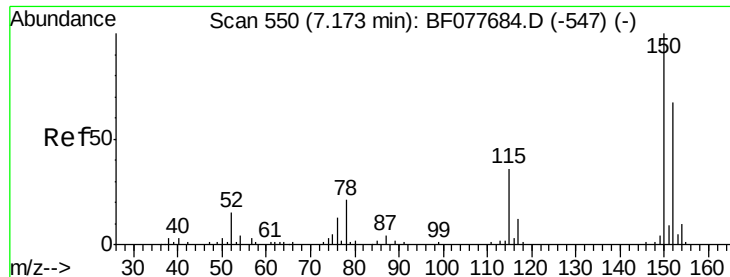
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 26 00:45:24 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.09 min Scan# 543

Delta R.T. -0.00 min

Lab File: BF077976.D

Acq: 26 Mar 2015 4:32

Instrument :

BNA_F

ClientSampleId :

MW-1-3-23-15

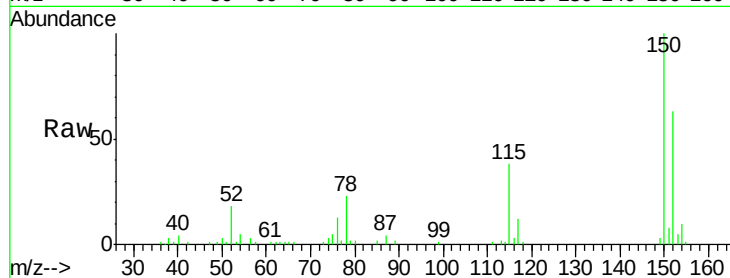
Tot Ion:152 Resp: 43690

Ion Ratio Lower Upper

152 100

150 158.7 119.5 179.3

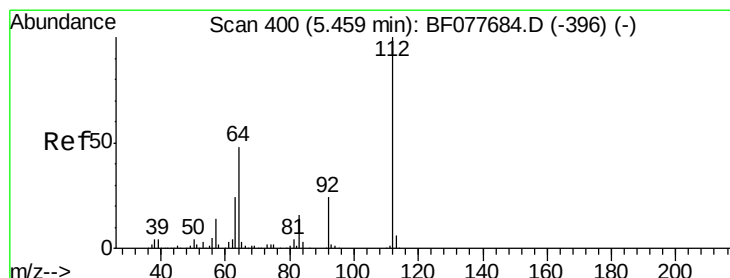
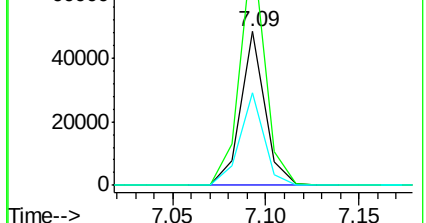
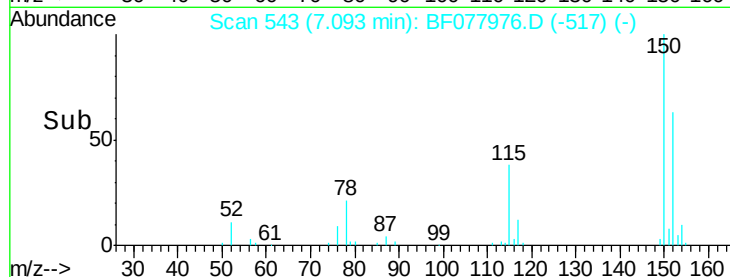
115 60.5 43.0 64.4



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



#5

2-Fluorophenol

Concen: 42.92 ng

RT: 5.38 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF077976.D

Acq: 26 Mar 2015 4:32

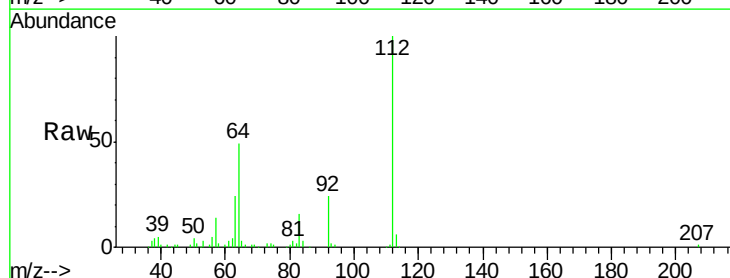
Tgt Ion:112 Resp: 107426

Ion Ratio Lower Upper

112 100

64 49.4 38.6 57.8

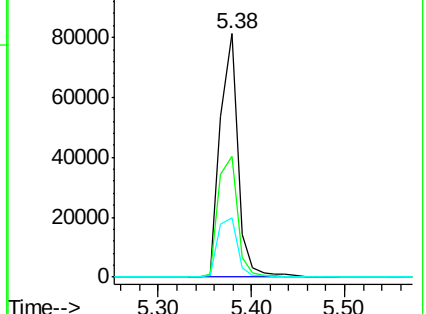
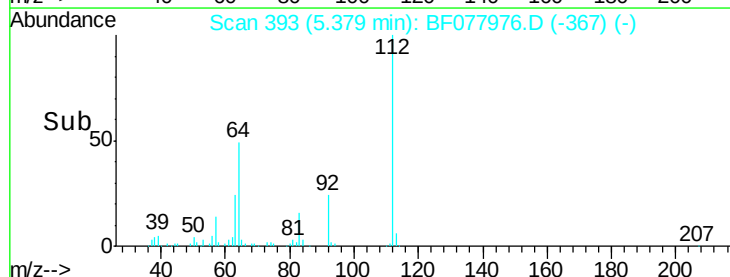
63 24.3 19.3 28.9

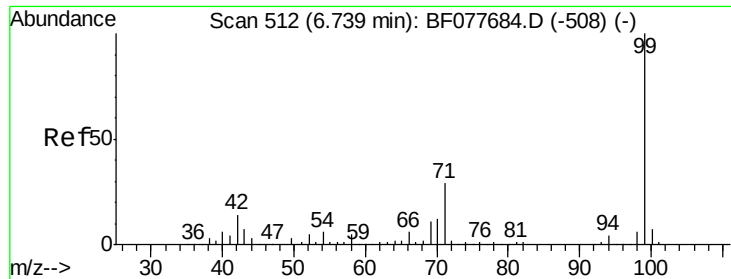


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 26.90 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF077976.D

Acq: 26 Mar 2015 4:32

Instrument :

BNA_F

ClientSampleId :

MW-1-3-23-15

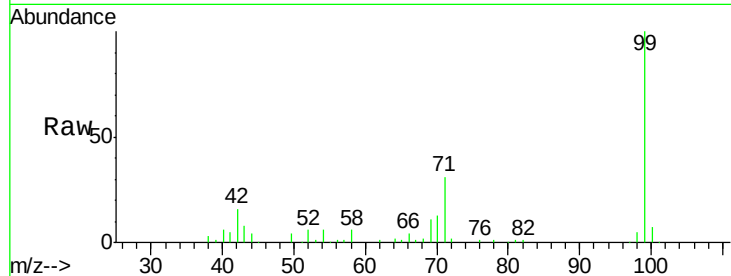
Tot Ion: 99 Resp: 83187

Ion Ratio Lower Upper

99 100

42 15.6 11.0 16.4

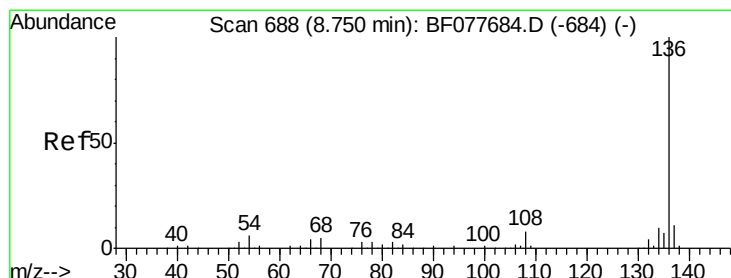
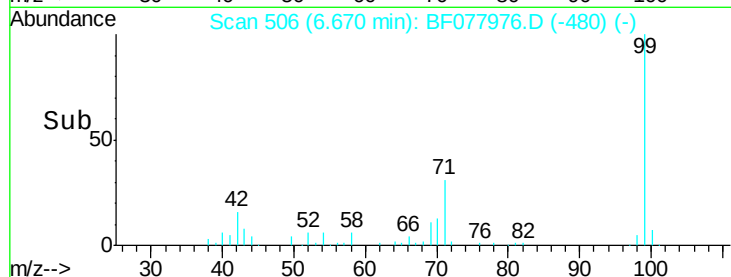
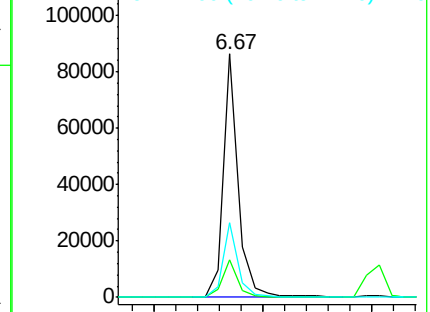
71 30.6 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF077976.D (-480) (-)

Ion 42.00 (41.70 to 42.70): BF077976.D (-480) (-)

Ion 71.00 (70.70 to 71.70): BF077976.D (-480) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.67 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF077976.D

Acq: 26 Mar 2015 4:32

Tgt Ion: 136 Resp: 186775

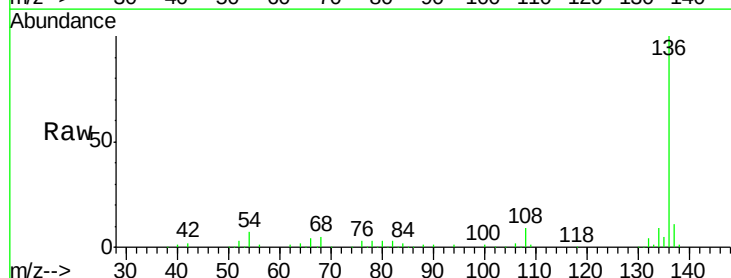
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.6 4.6 6.8

68 5.4 3.7 5.5

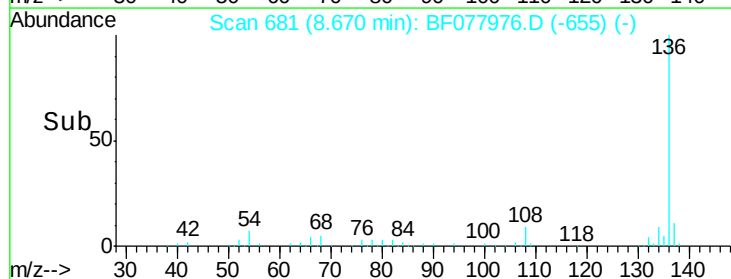
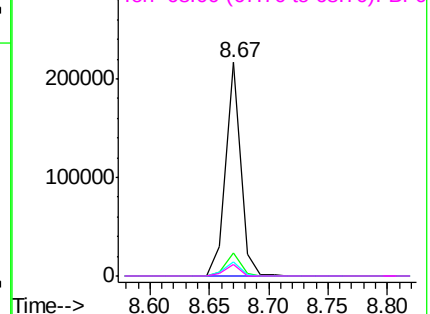


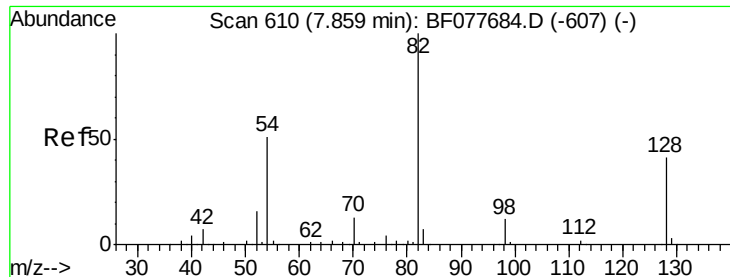
Abundance Ion 136.00 (135.70 to 136.70): BF077976.D (-655) (-)

Ion 137.00 (136.70 to 137.70): BF077976.D (-655) (-)

Ion 54.00 (53.70 to 54.70): BF077976.D (-655) (-)

Ion 68.00 (67.70 to 68.70): BF077976.D (-655) (-)

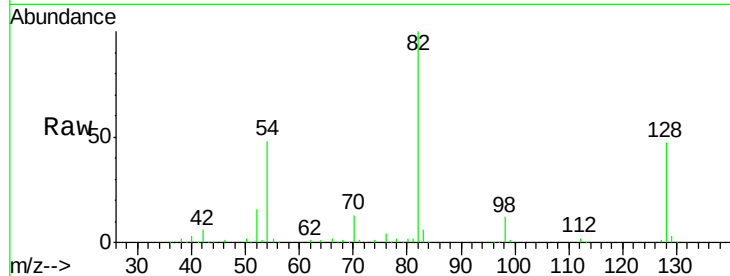




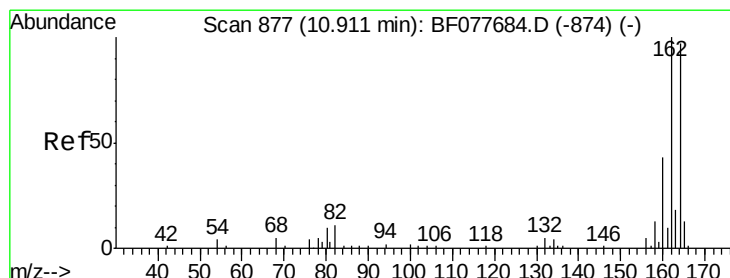
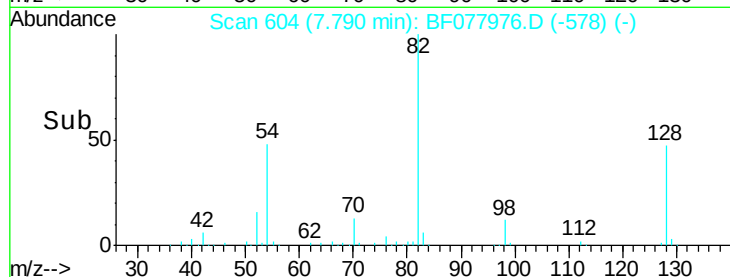
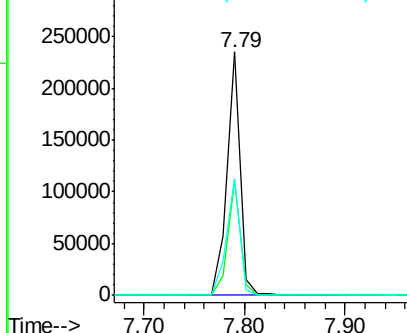
#23
Nitrobenzene-d5
Concen: 75.33 ng
RT: 7.79 min Scan# 604
Delta R.T. -0.00 min
Lab File: BF077976.D
Acq: 26 Mar 2015 4:32

Instrument :
BNA_F
ClientSampleId :
MW-1-3-23-15

Tot Ion: 82 Resp: 214644
Ion Ratio Lower Upper
82 100
128 47.1 32.8 49.2
54 47.9 40.6 60.8

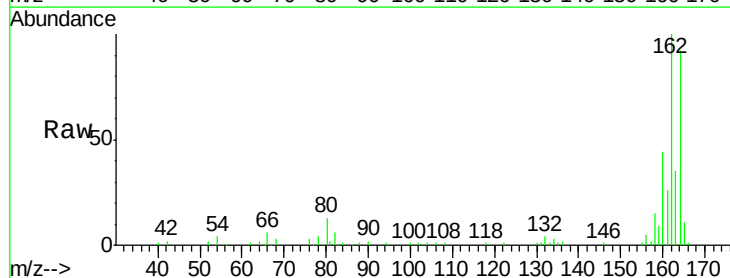


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

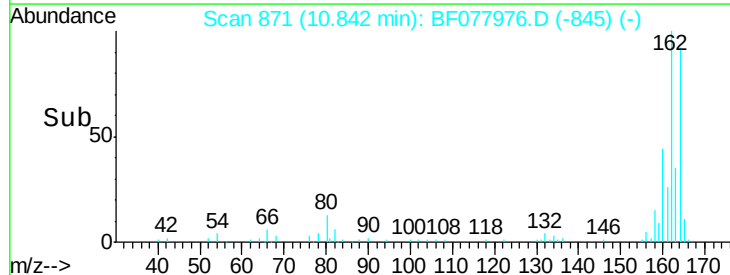
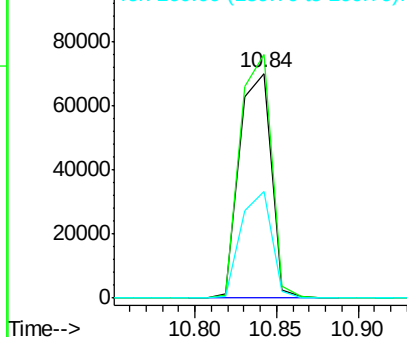


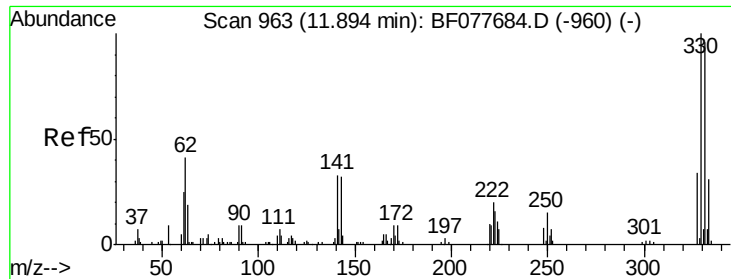
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.84 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF077976.D
Acq: 26 Mar 2015 4:32

Tgt Ion: 164 Resp: 94292
Ion Ratio Lower Upper
164 100
162 108.3 82.4 123.6
160 47.6 35.8 53.6



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

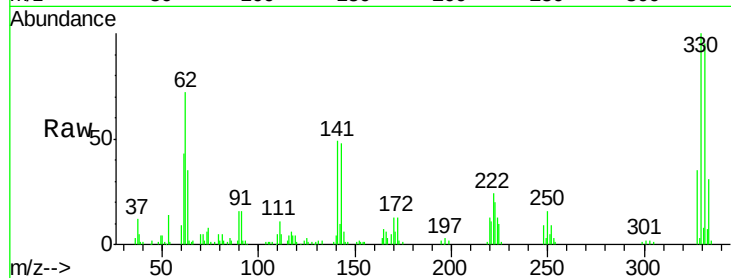




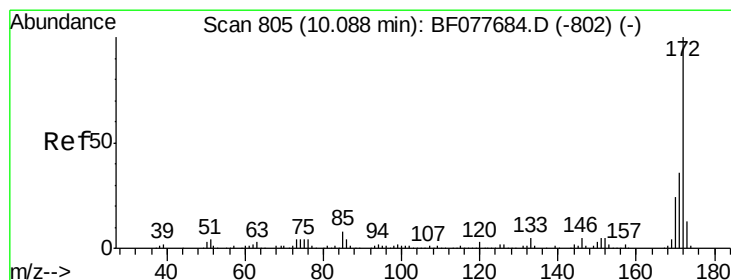
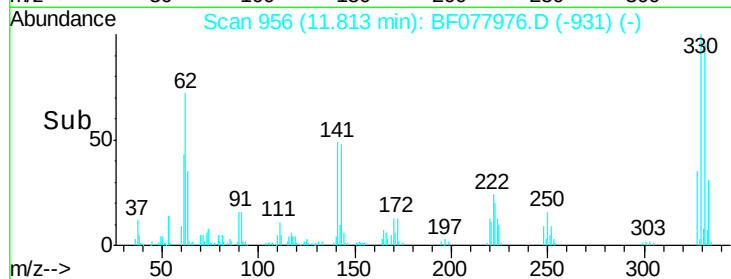
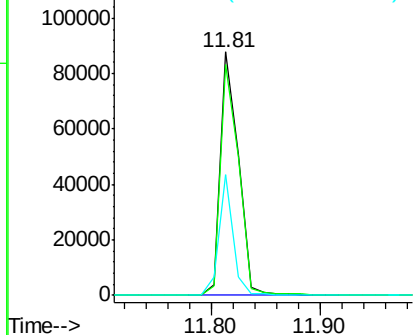
#41
 2,4,6-Tribromophenol
 Concen: 113.13 ng
 RT: 11.81 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF077976.D
 Acq: 26 Mar 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-3-23-15

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	38.7	0.0	0.0#

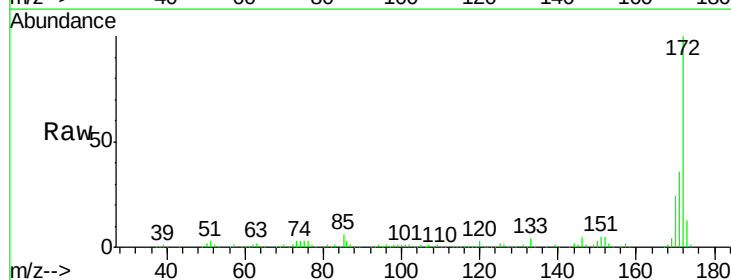


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

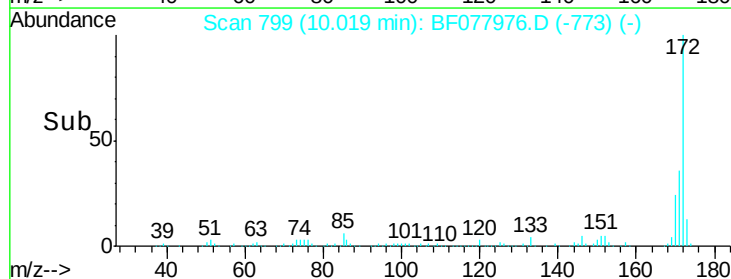
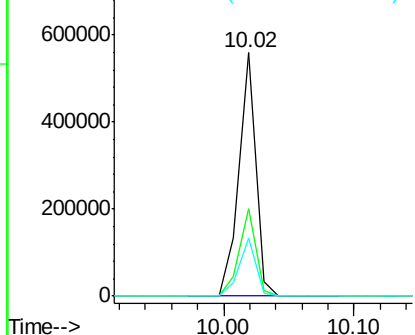


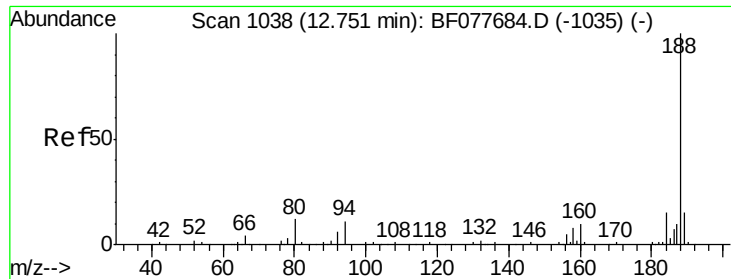
#44
 2-Fluorobiphenyl
 Concen: 78.20 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF077976.D
 Acq: 26 Mar 2015 4:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	23.6	18.8	28.2



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

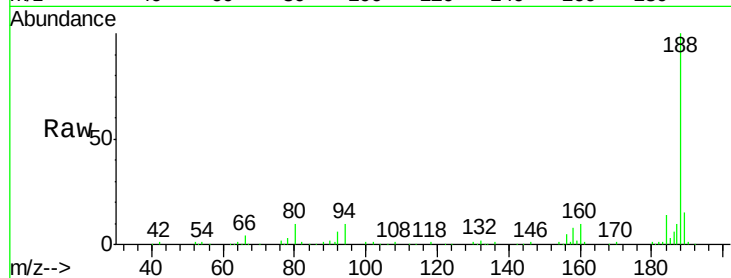




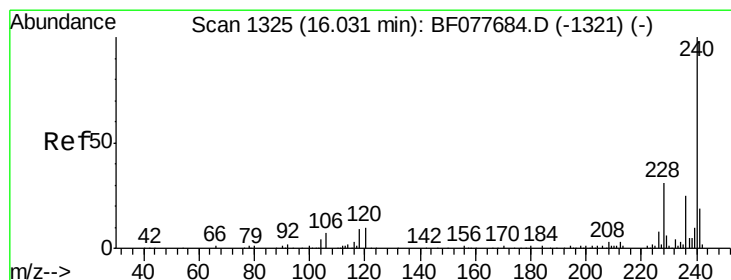
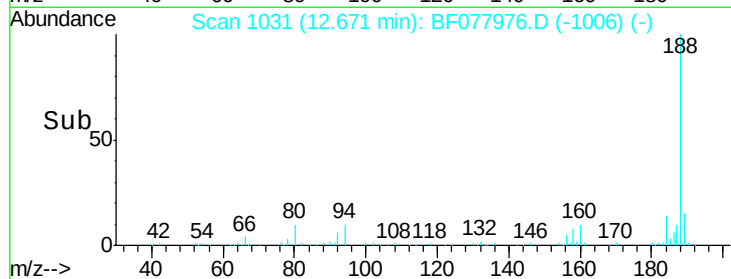
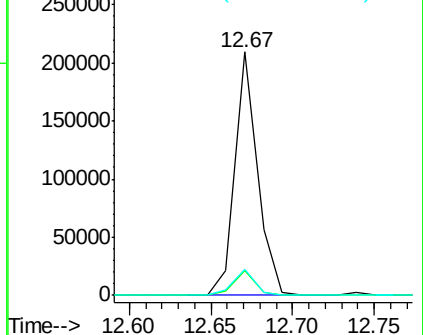
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.67 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF077976.D
Acq: 26 Mar 2015 4:32

Instrument :
BNA_F
ClientSampleId :
MW-1-3-23-15

Tot Ion:188 Resp: 199201
Ion Ratio Lower Upper
188 100
94 10.0 8.7 13.1
80 10.5 9.3 13.9

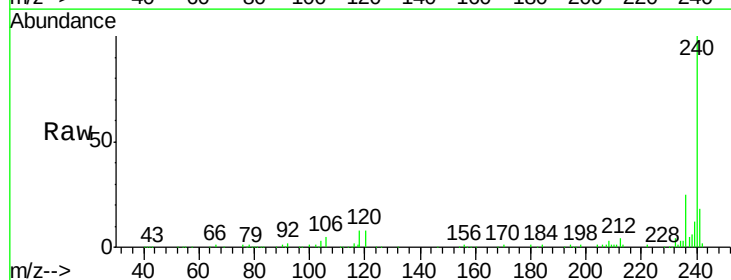


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

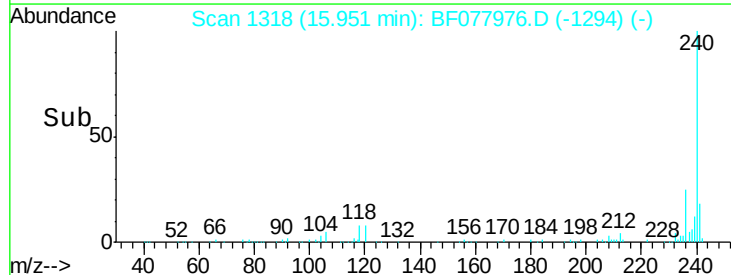
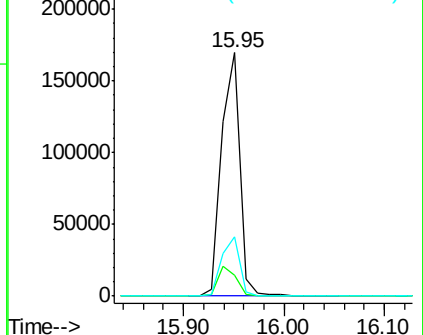


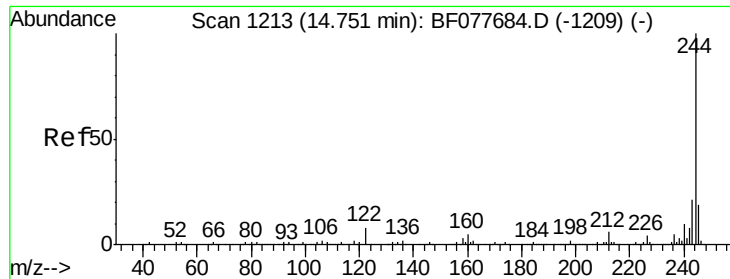
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.95 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF077976.D
Acq: 26 Mar 2015 4:32

Tgt Ion:240 Resp: 215476
Ion Ratio Lower Upper
240 100
120 8.5 8.2 12.2
236 24.5 20.0 30.0



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: 74.74 ng

RT: 14.67 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BF077976.D

Acq: 26 Mar 2015 4:32

Instrument :

BNA_F

ClientSampleId :

MW-1-3-23-15

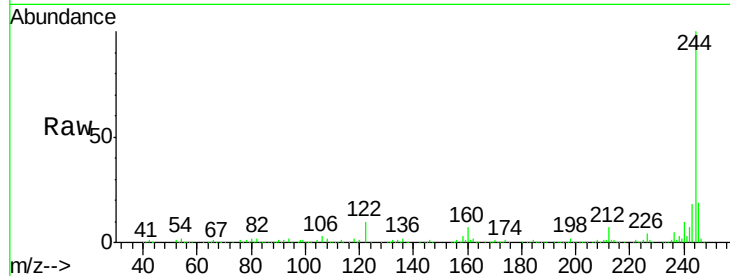
Tot Ion:244 Resp: 659312

Ion Ratio Lower Upper

244 100

212 6.8 4.9 7.3

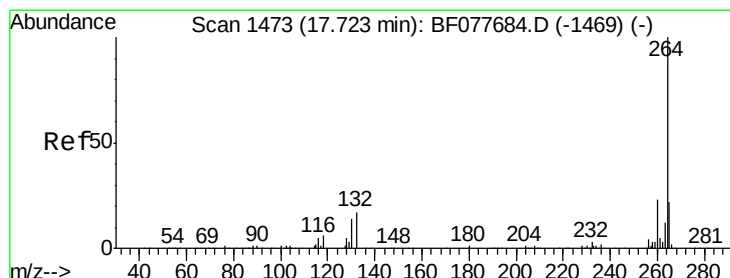
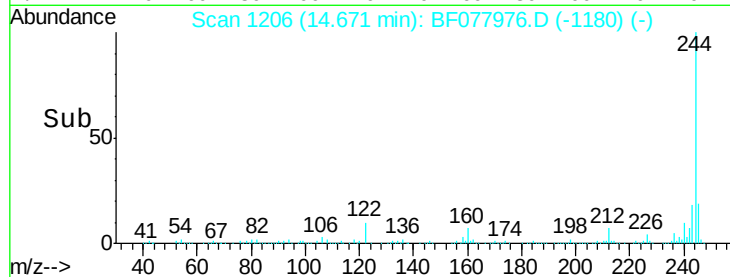
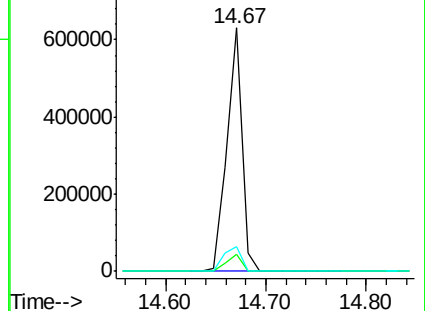
122 10.4 6.2 9.4#



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: 17.62 min Scan# 1464

Delta R.T. -0.13 min

Lab File: BF077976.D

Acq: 26 Mar 2015 4:32

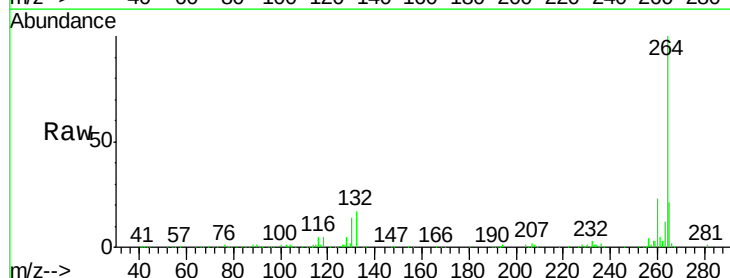
Tgt Ion:264 Resp: 208664

Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 21.3 17.3 25.9



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

