

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042115\
 Data File : BF078709.D
 Acq On : 22 Apr 2015 6:38
 Operator : TP/IZ
 Sample : G1949-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-08

Quant Time: Apr 22 07:32:11 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 16:32:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.82	152	28623	20.00	ng	-0.05
21) Naphthalene-d8	7.98	136	114580	20.00	ng	-0.05
38) Acenaphthene-d10	11.16	164	57580	20.00	ng	-0.05
63) Phenanthrene-d10	13.90	188	115829	20.00	ng	-0.05
75) Chrysene-d12	17.76	240	126794	20.00	ng	-0.05
86) Perylene-d12	19.46	264	123673	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	3.84	112	207258	119.39	ng	-0.03
7) Phenol-d6	5.32	99	238464	109.61	ng	-0.03
23) Nitrobenzene-d5	6.75	82	174306	92.21	ng	-0.05
41) 2,4,6-Tribromophenol	12.64	330	74995	157.04	ng	-0.05
44) 2-Fluorobiphenyl	9.99	172	380704	94.51	ng	-0.05
78) Terphenyl-d14	16.43	244	451729	80.50	ng	-0.03

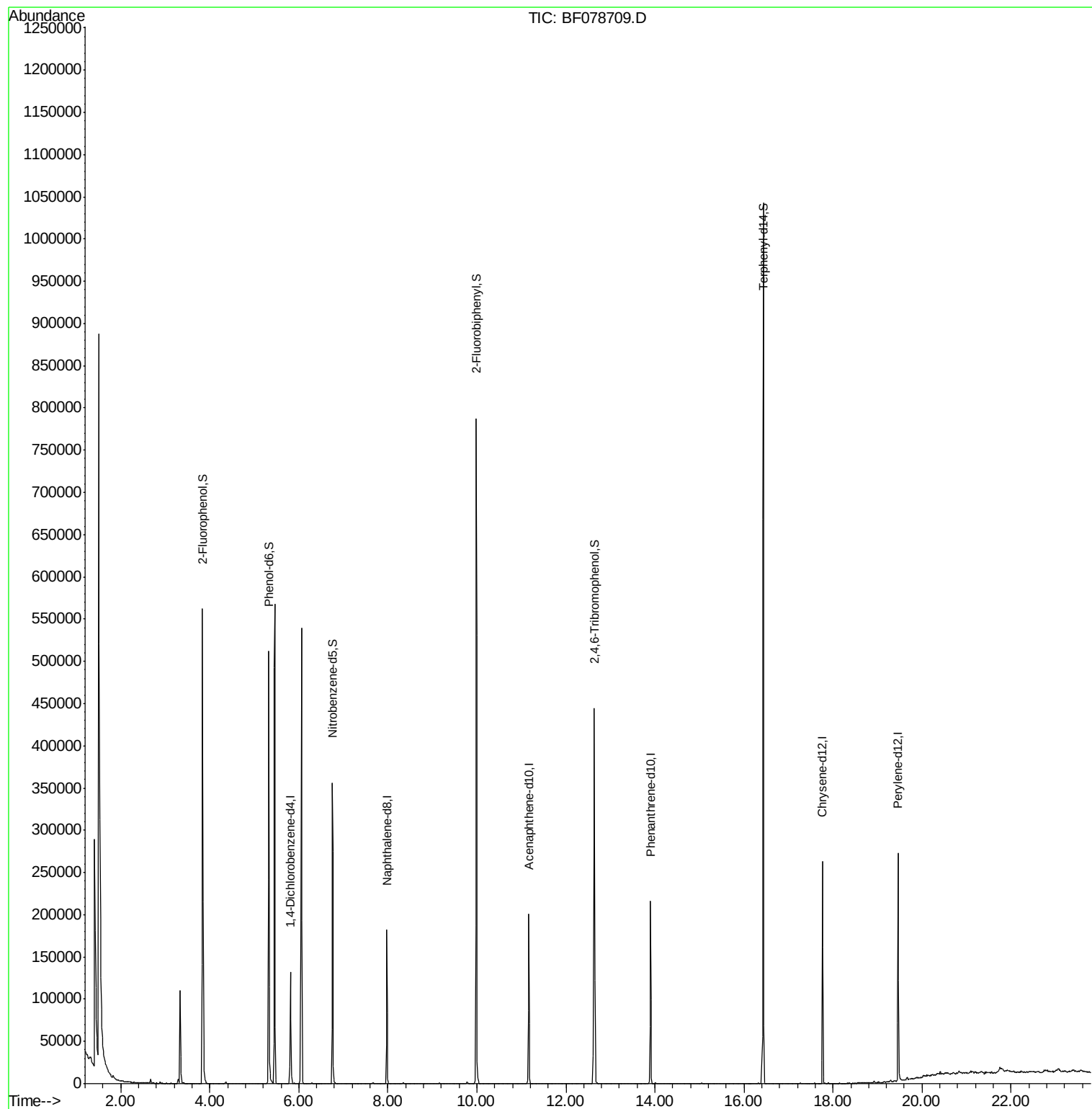
Target Compounds	Qvalue
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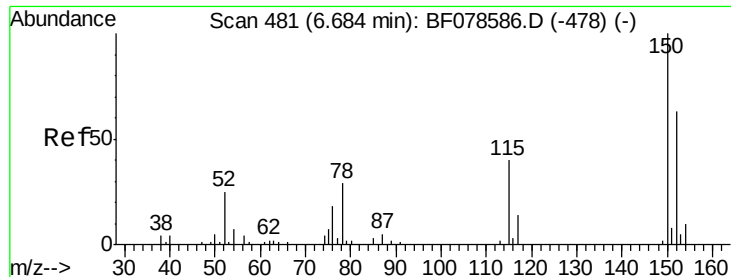
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.82 min Scan# 405

Delta R.T. -0.05 min

Lab File: BF078709.D

Acq: 22 Apr 2015 6:38

Instrument :

BNA_F

ClientSampleId :

TEC-08

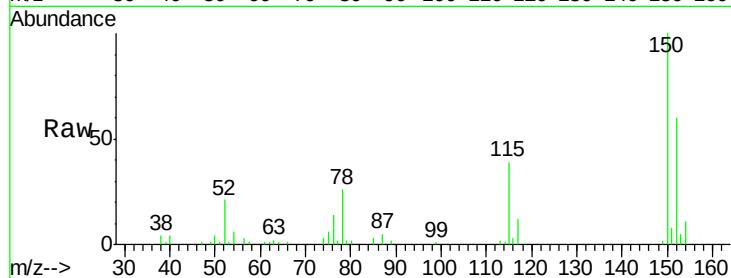
Tgt Ion:152 Resp: 28623

Ion Ratio Lower Upper

152 100

150 166.0 125.9 188.9

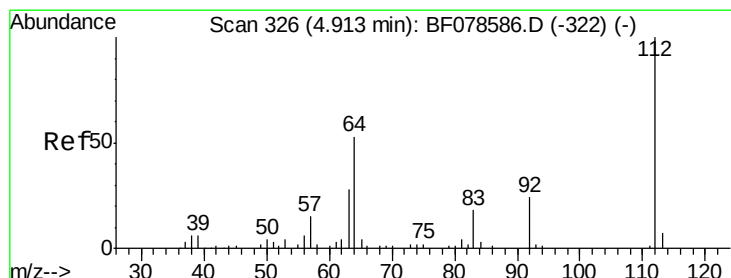
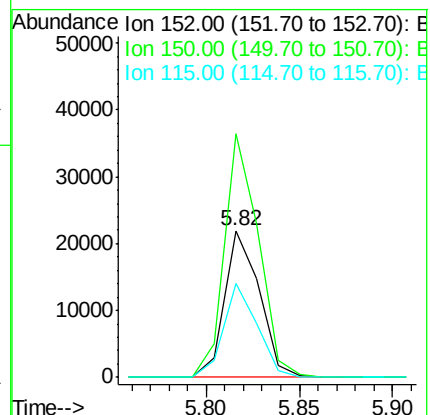
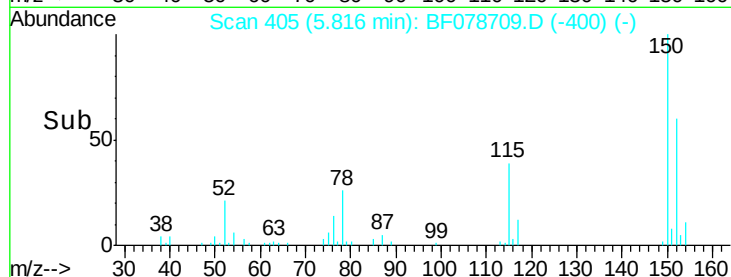
115 64.0 52.7 79.1



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: 119.39 ng

RT: 3.84 min Scan# 232

Delta R.T. -0.03 min

Lab File: BF078709.D

Acq: 22 Apr 2015 6:38

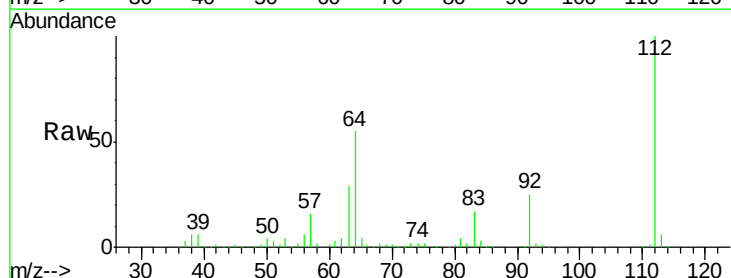
Tgt Ion:112 Resp: 207258

Ion Ratio Lower Upper

112 100

64 55.0 39.9 59.9

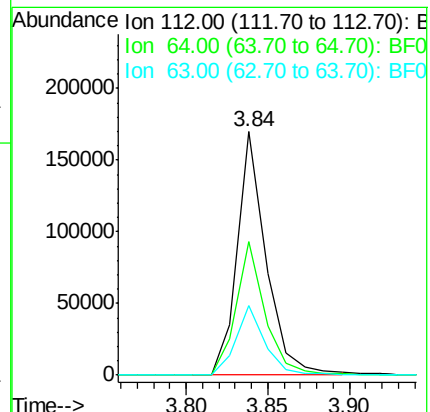
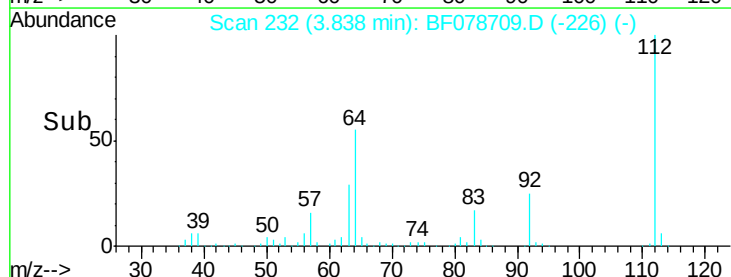
63 28.6 20.2 30.4

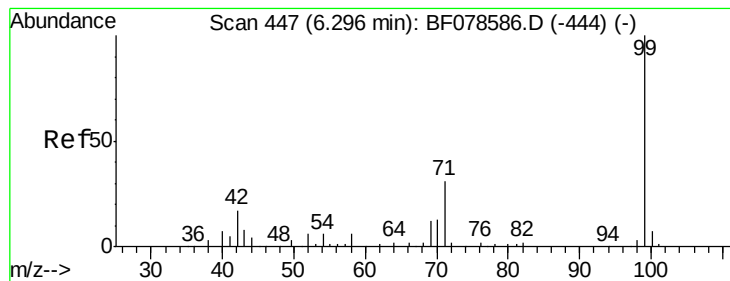


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.61 ng

RT: 5.32 min Scan# 362

Delta R.T. -0.03 min

Lab File: BF078709.D

Acq: 22 Apr 2015 6:38

Instrument :

BNA_F

ClientSampleId :

TEC-08

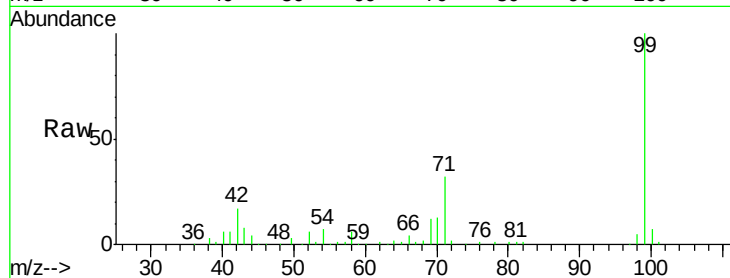
Tgt Ion: 99 Resp: 238464

Ion Ratio Lower Upper

99 100

42 16.7 14.8 22.2

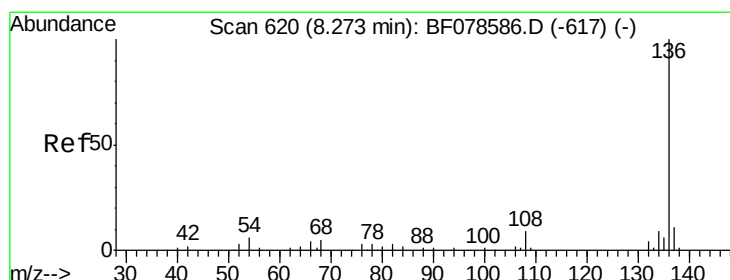
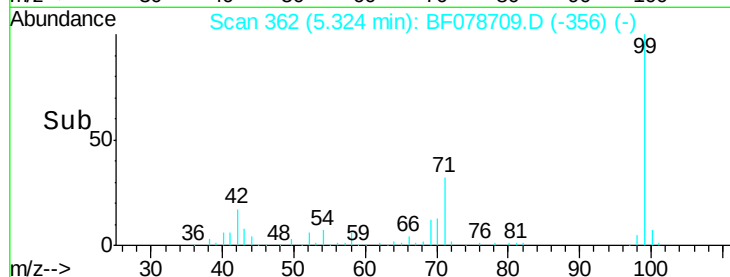
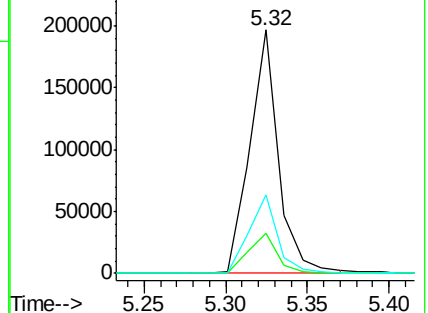
71 32.4 26.6 39.8



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: 7.98 min Scan# 594

Delta R.T. -0.05 min

Lab File: BF078709.D

Acq: 22 Apr 2015 6:38

Tgt Ion: 136 Resp: 114580

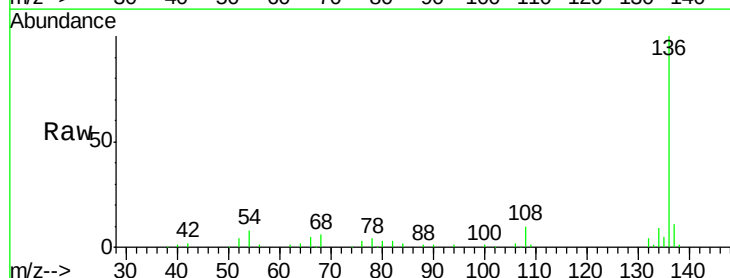
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.9 7.0 10.6

68 5.9 5.4 8.2

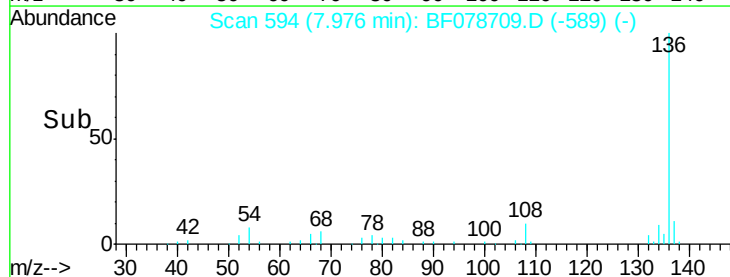
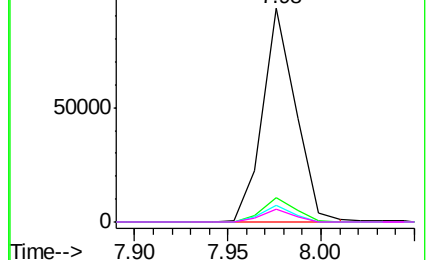


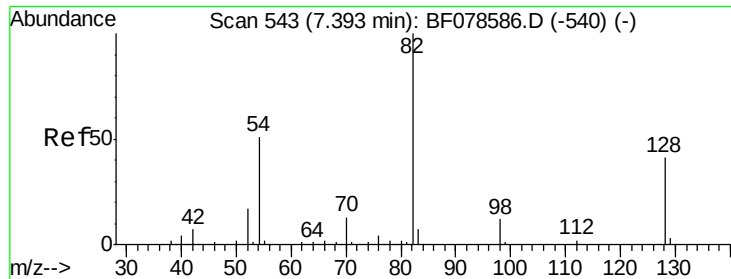
Abundance Ion 136.00 (135.70 to 136.70): E

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

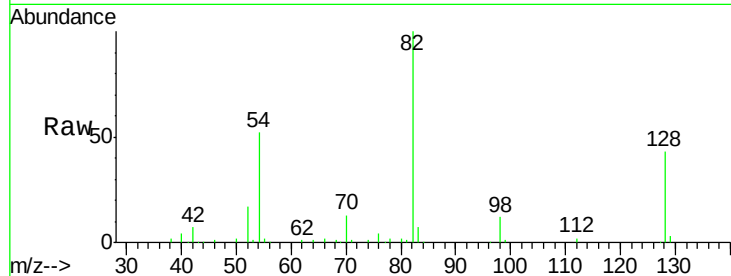




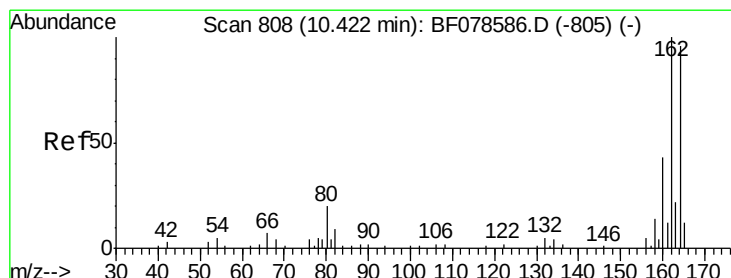
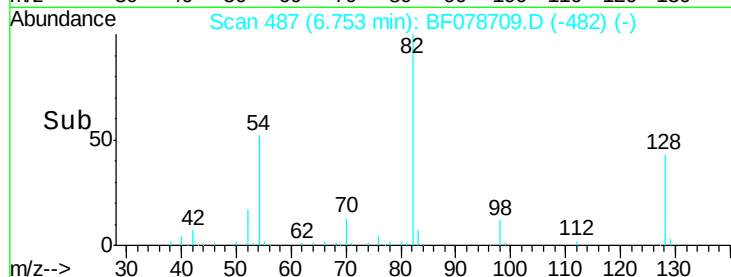
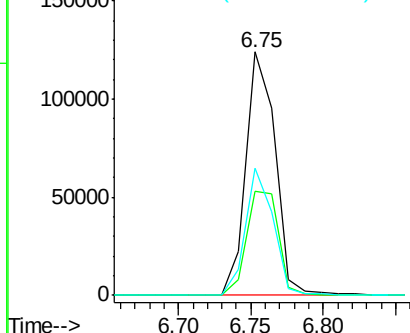
#23
Nitrobenzene-d5
Concen: 92.21 ng
RT: 6.75 min Scan# 487
Delta R.T. -0.05 min
Lab File: BF078709.D
Acq: 22 Apr 2015 6:38

Instrument :
BNA_F
ClientSampleId :
TEC-08

Tgt Ion: 82 Resp: 174306
Ion Ratio Lower Upper
82 100
128 42.5 31.8 47.8
54 52.1 41.5 62.3

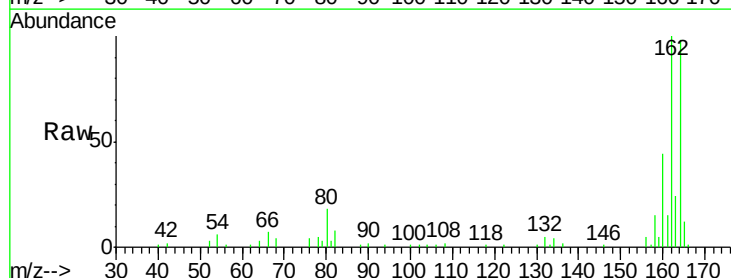


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

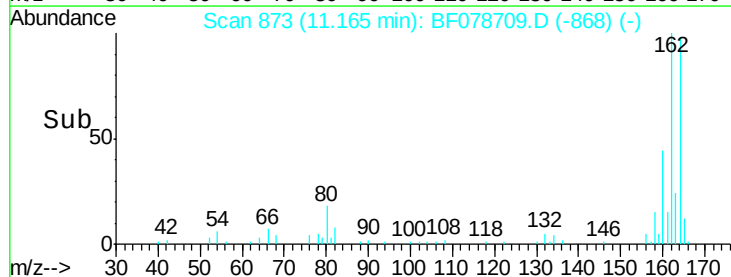
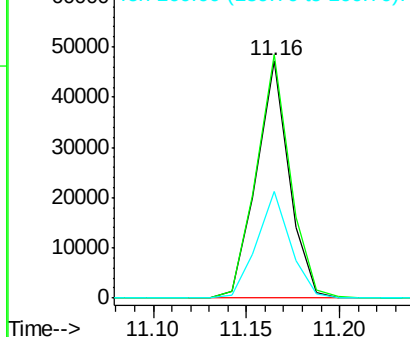


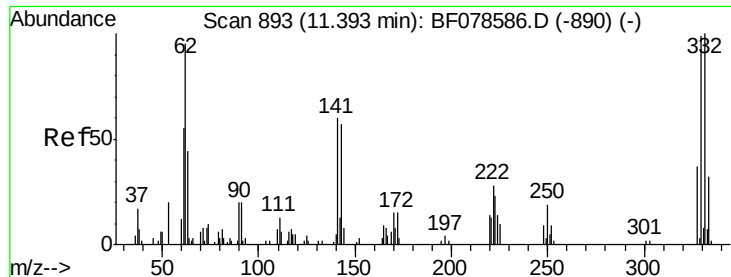
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 873
Delta R.T. -0.05 min
Lab File: BF078709.D
Acq: 22 Apr 2015 6:38

Tgt Ion: 164 Resp: 57580
Ion Ratio Lower Upper
164 100
162 102.4 82.2 123.2
160 44.9 34.7 52.1



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

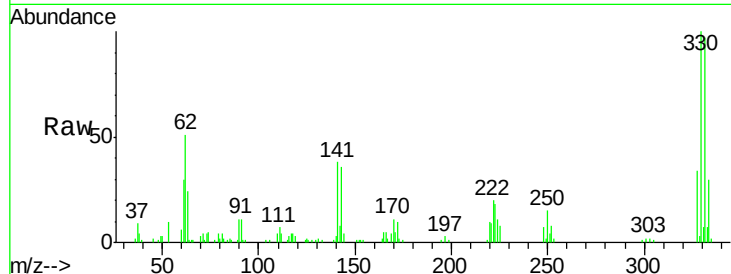




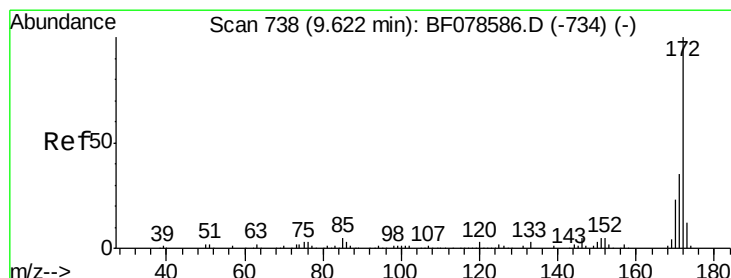
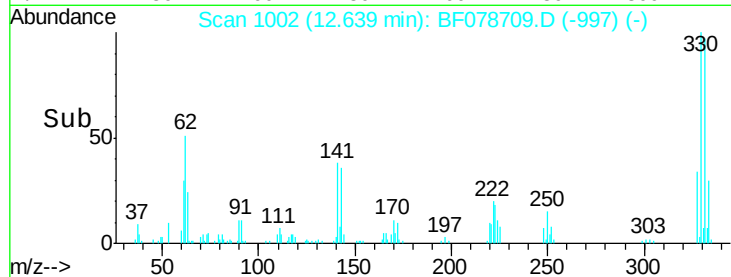
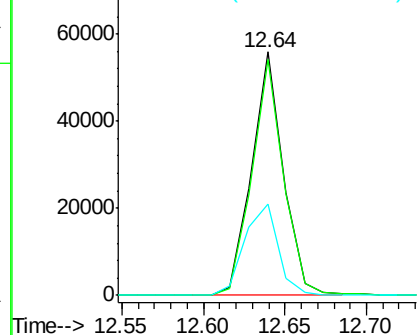
#41
 2,4,6-Tribromophenol
 Concen: 157.04 ng
 RT: 12.64 min Scan# 1002
 Delta R.T. -0.05 min
 Lab File: BF078709.D
 Acq: 22 Apr 2015 6:38

Instrument :
 BNA_F
 ClientSampleId :
 TEC-08

Tgt Ion: 330 Resp: 74995
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.6 117.8
 141 39.4 31.2 46.8

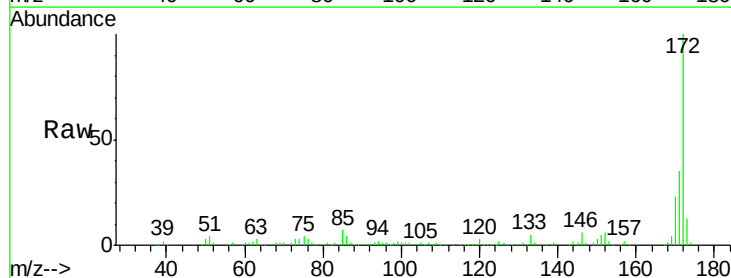


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

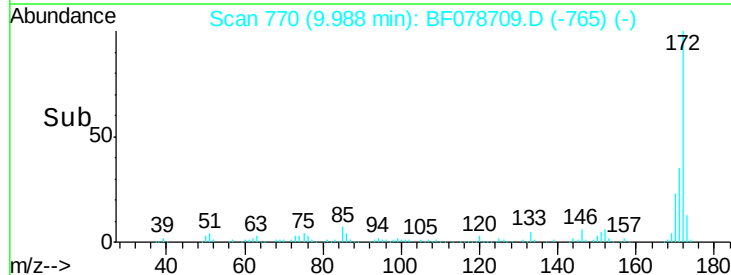
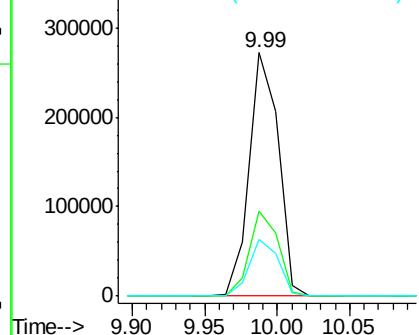


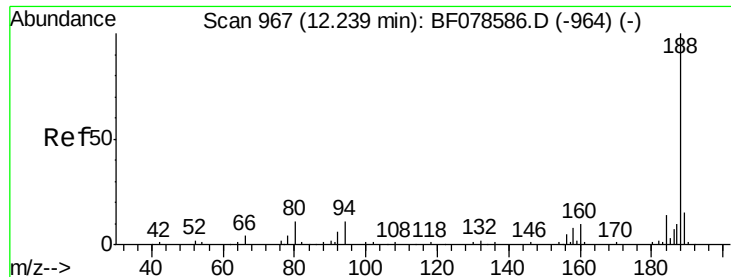
#44
 2-Fluorobiphenyl
 Concen: 94.51 ng
 RT: 9.99 min Scan# 770
 Delta R.T. -0.05 min
 Lab File: BF078709.D
 Acq: 22 Apr 2015 6:38

Tgt Ion: 172 Resp: 380704
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 42.8
 170 23.3 18.5 27.7



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

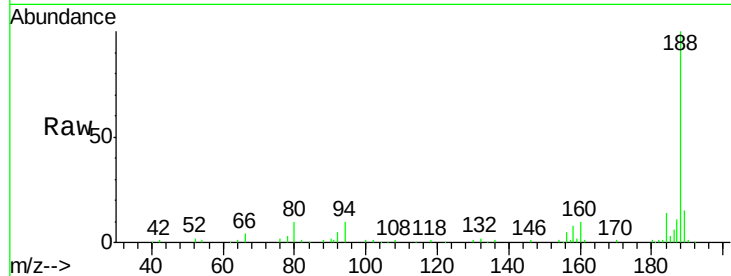




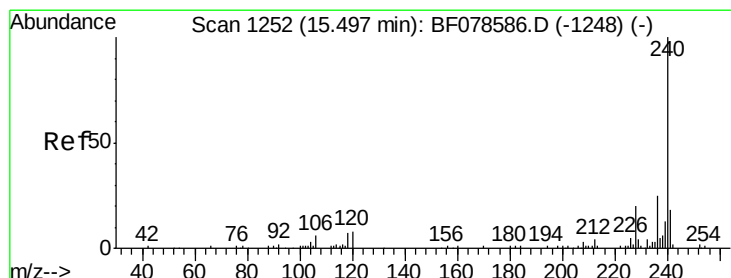
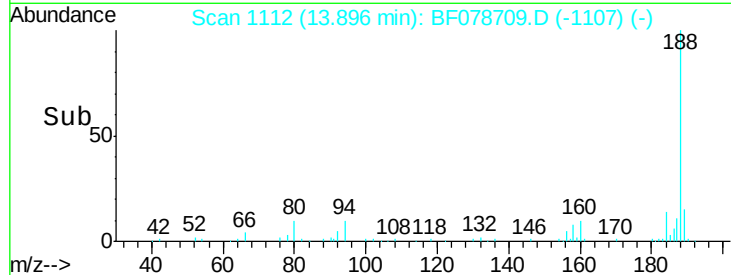
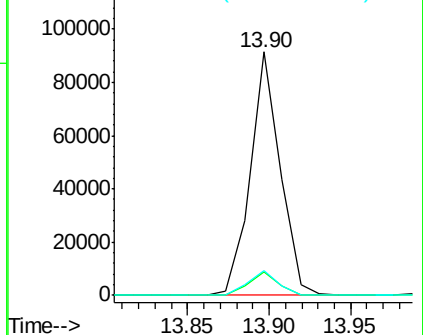
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 13.90 min Scan# 1112
 Delta R.T. -0.05 min
 Lab File: BF078709.D
 Acq: 22 Apr 2015 6:38

Instrument :
 BNA_F
 ClientSampleId :
 TEC-08

Tgt Ion:188 Resp: 115829
 Ion Ratio Lower Upper
 188 100
 94 9.7 9.0 13.4
 80 10.4 9.5 14.3

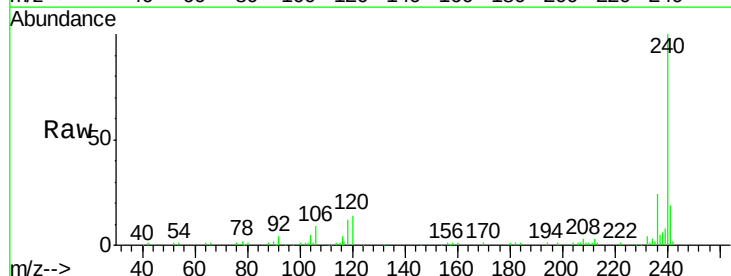


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

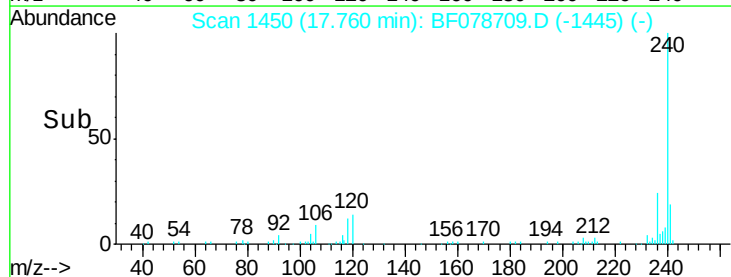
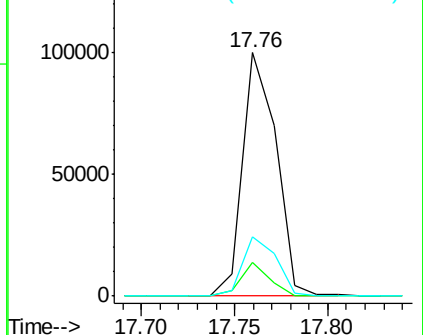


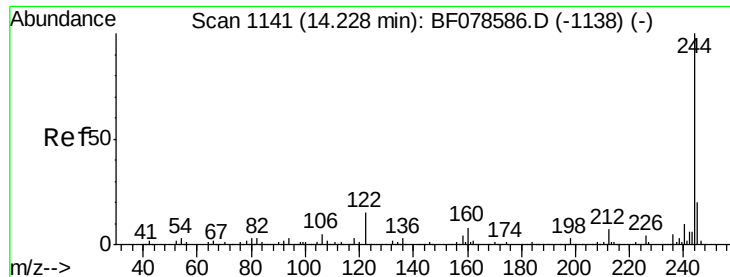
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 17.76 min Scan# 1450
 Delta R.T. -0.05 min
 Lab File: BF078709.D
 Acq: 22 Apr 2015 6:38

Tgt Ion:240 Resp: 126794
 Ion Ratio Lower Upper
 240 100
 120 13.8 7.1 10.7#
 236 24.4 21.4 32.2



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

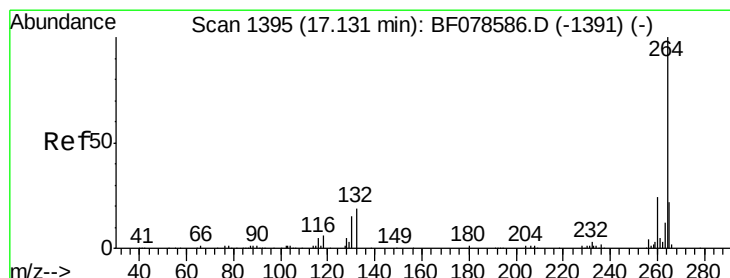
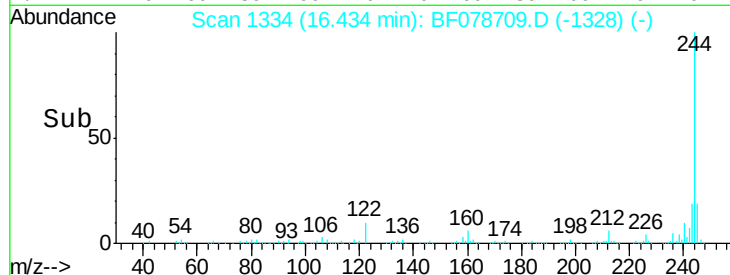
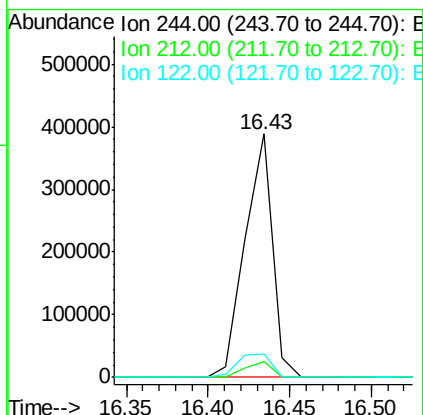
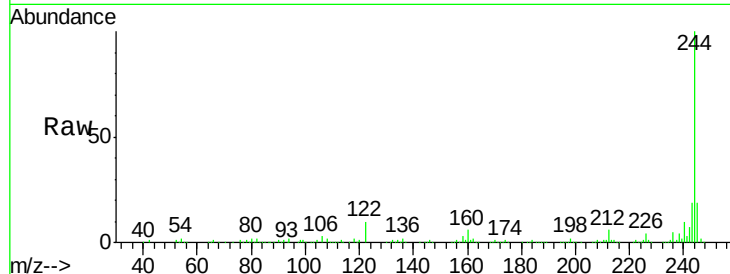




#78
 Terphenyl-d14
 Concen: 80.50 ng
 RT: 16.43 min Scan# 1334
 Delta R.T. -0.03 min
 Lab File: BF078709.D
 Acq: 22 Apr 2015 6:38

Instrument :
 BNA_F
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 TEC-08

Tgt Ion: 244 Resp: 451729
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 9.9 7.1 10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.46 min Scan# 1599
 Delta R.T. -0.07 min
 Lab File: BF078709.D
 Acq: 22 Apr 2015 6:38

Tgt Ion: 264 Resp: 123673
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.6 27.8
 265 21.7 17.0 25.6

