

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
 Data File : BF078604.D
 Acq On : 17 Apr 2015 14:40
 Operator : TP/IZ
 Sample : G1860-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK

Quant Time: Apr 17 23:42:01 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 23:28:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	41135	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	166735	20.00	ng	0.00
38) Acenaphthene-d10	10.40	164	83531	20.00	ng	-0.01
63) Phenanthrene-d10	12.22	188	171372	20.00	ng	0.00
75) Chrysene-d12	15.46	240	199751	20.00	ng	0.00
86) Perylene-d12	17.14	264	197568	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	135868	54.46	ng	0.00
7) Phenol-d6	6.28	99	102346	32.73	ng	0.00
23) Nitrobenzene-d5	7.38	82	267822	97.36	ng	0.00
41) 2,4,6-Tribromophenol	11.38	330	121538	175.44	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	527442	90.26	ng	0.00
78) Terphenyl-d14	14.22	244	729159	82.49	ng	0.01

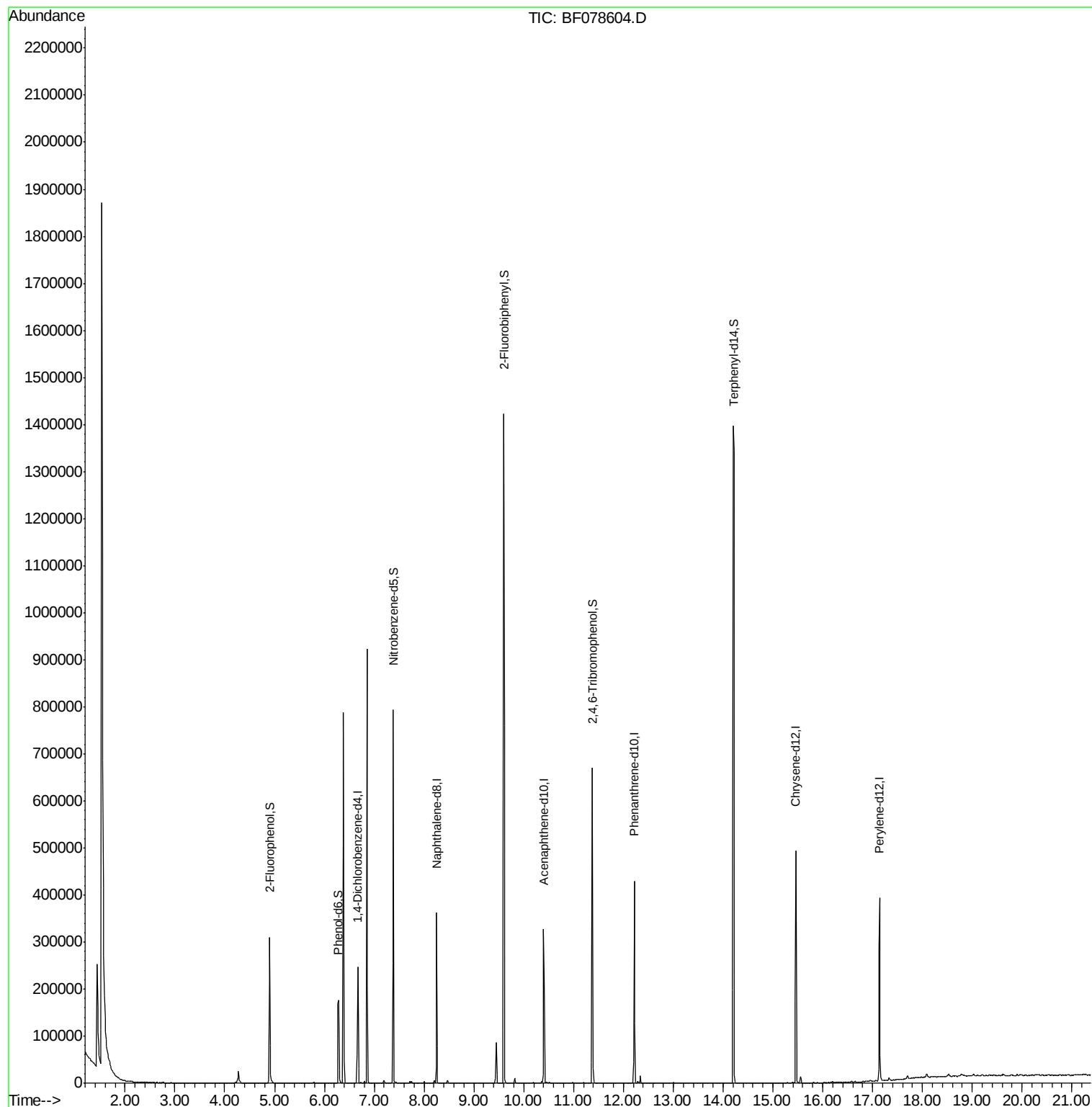
Target Compounds Qvalue

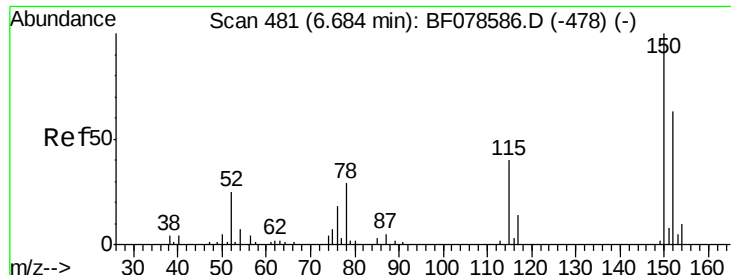
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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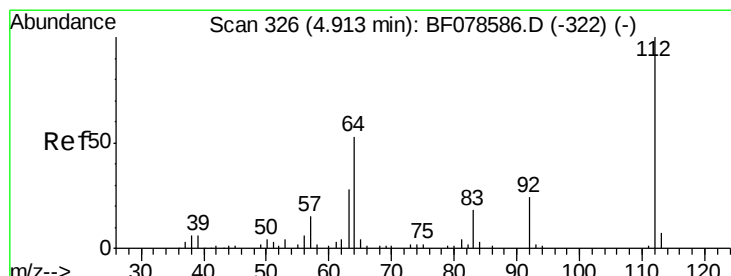
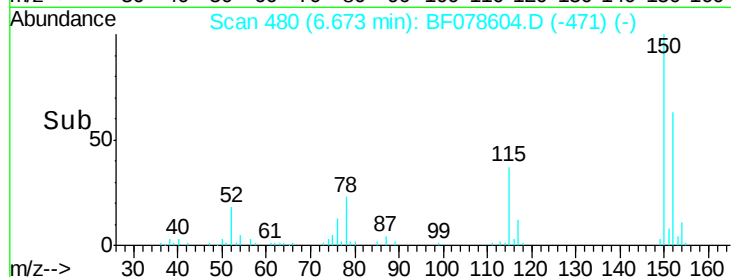
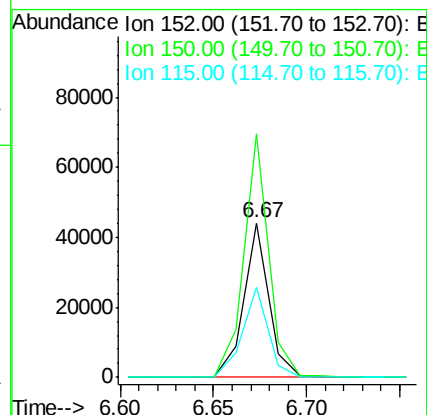
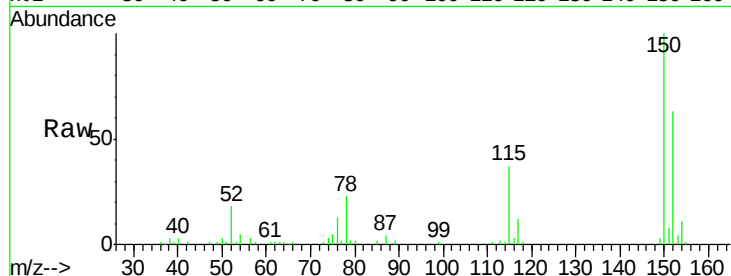


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF078604.D
Acq: 17 Apr 2015 14:40

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK

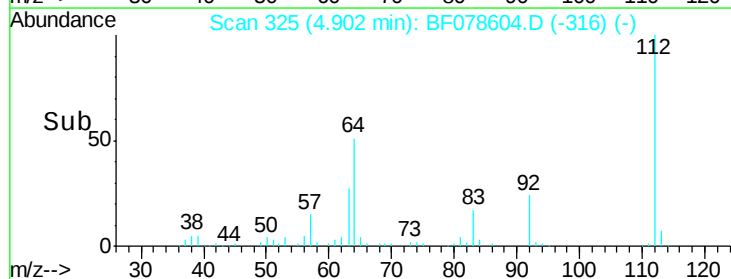
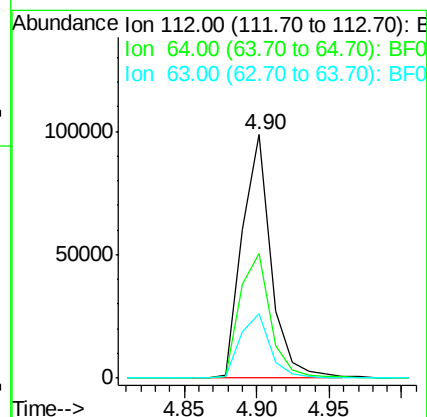
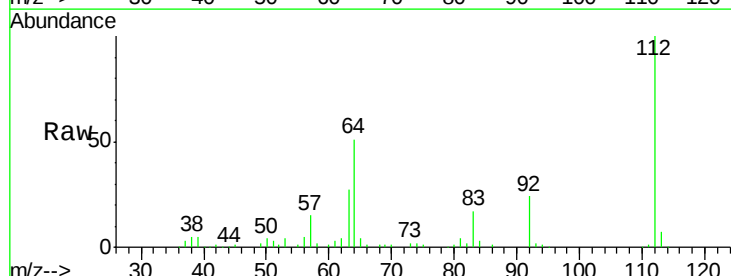
Tot Ion:152 Resp: 41135
Ion Ratio Lower Upper
152 100
150 157.8 125.9 188.9
115 58.6 52.7 79.1



#5

2-Fluorophenol
Concen: 54.46 ng
RT: 4.90 min Scan# 325
Delta R.T. 0.00 min
Lab File: BF078604.D
Acq: 17 Apr 2015 14:40

Tgt Ion:112 Resp: 135868
Ion Ratio Lower Upper
112 100
64 51.0 39.9 59.9
63 26.5 20.2 30.4





#7

Phenol-d6

Concen: 32.73 ng

RT: 6.28 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF078604.D

Acq: 17 Apr 2015 14:40

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK

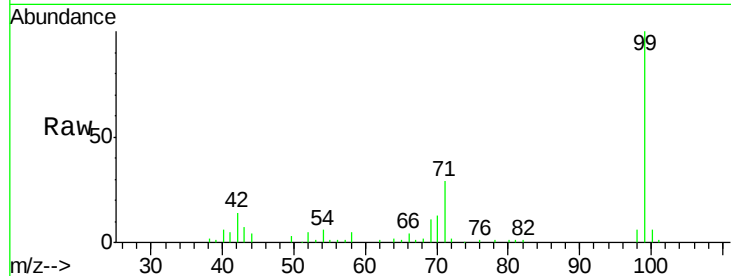
Tot Ion: 99 Resp: 102346

Ion Ratio Lower Upper

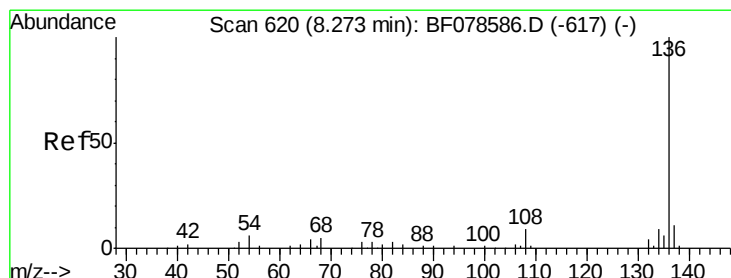
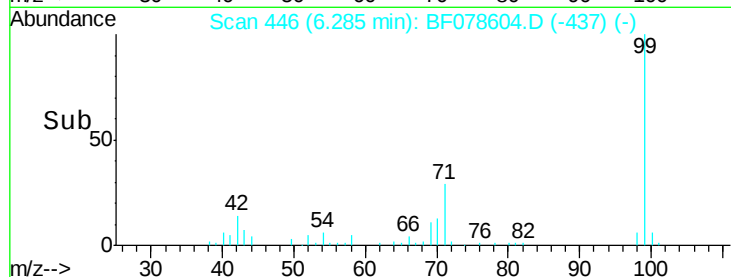
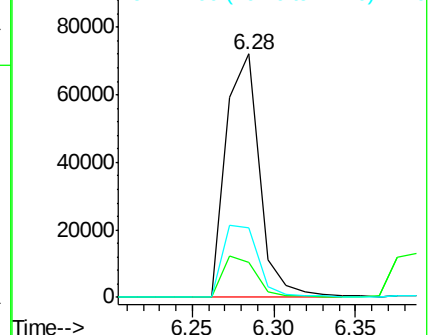
99 100

42 14.3 14.8 22.2#

71 28.5 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: 8.25 min Scan# 618

Delta R.T. 0.00 min

Lab File: BF078604.D

Acq: 17 Apr 2015 14:40

Tgt Ion: 136 Resp: 166735

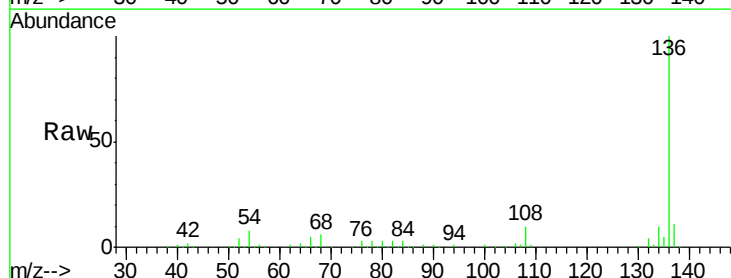
Ion Ratio Lower Upper

136 100

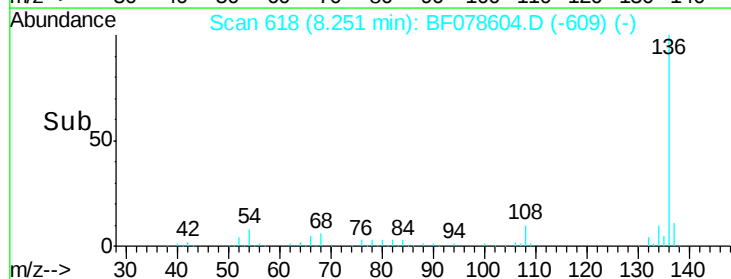
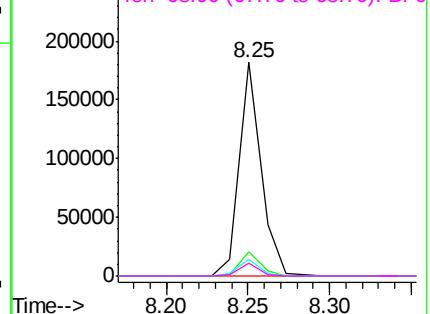
137 11.2 9.0 13.4

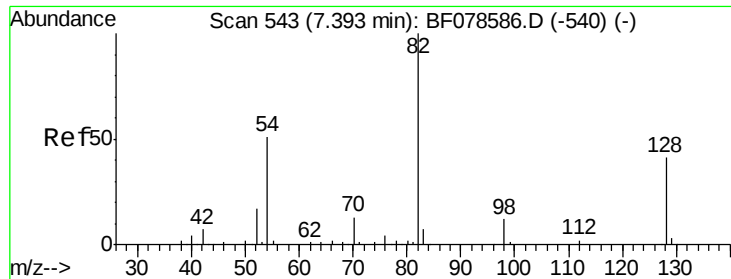
54 7.5 7.0 10.6

68 6.0 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: 97.36 ng

RT: 7.38 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF078604.D

Acq: 17 Apr 2015 14:40

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK

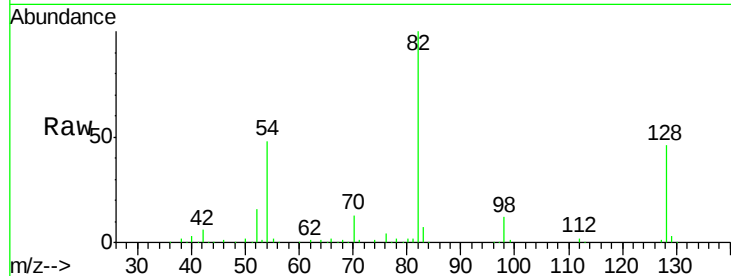
Tot Ion: 82 Resp: 267822

Ion Ratio Lower Upper

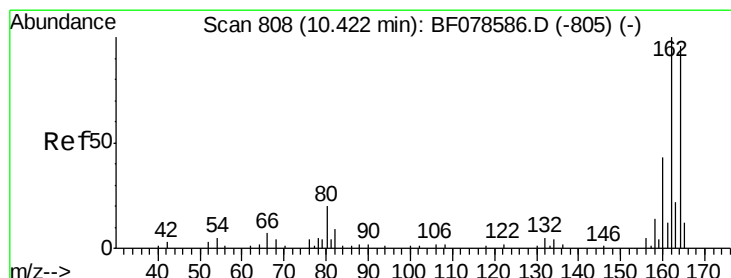
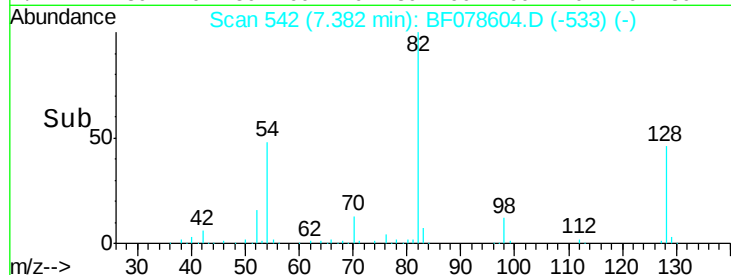
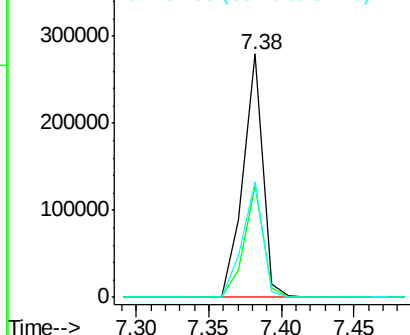
82 100

128 45.8 31.8 47.8

54 47.7 41.5 62.3



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.40 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF078604.D

Acq: 17 Apr 2015 14:40

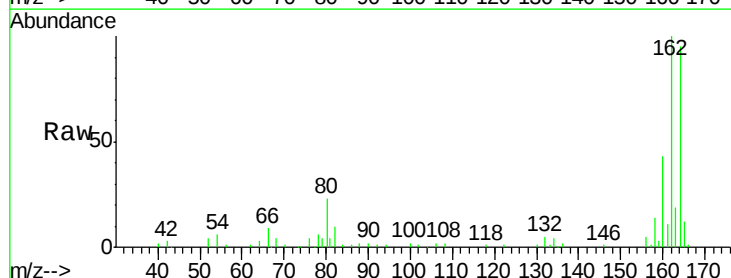
Tgt Ion:164 Resp: 83531

Ion Ratio Lower Upper

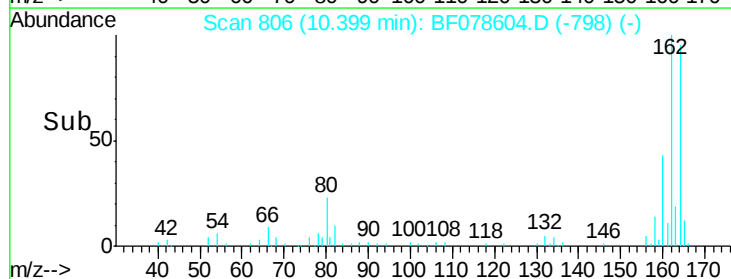
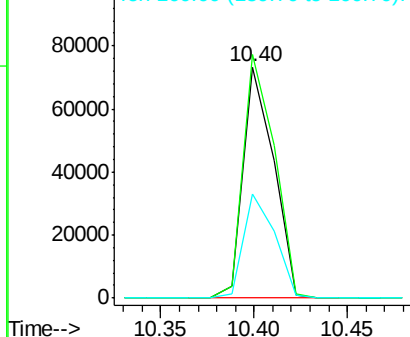
164 100

162 105.2 82.2 123.2

160 45.2 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

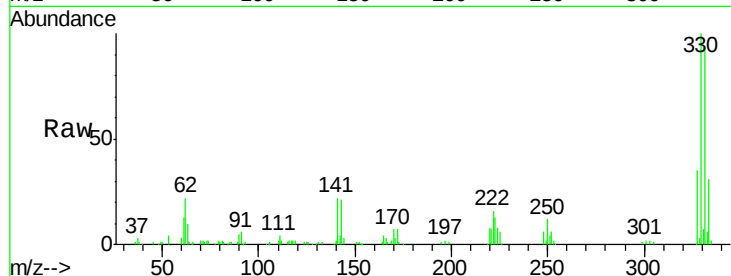




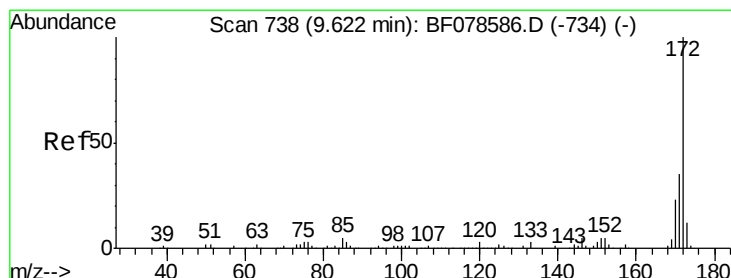
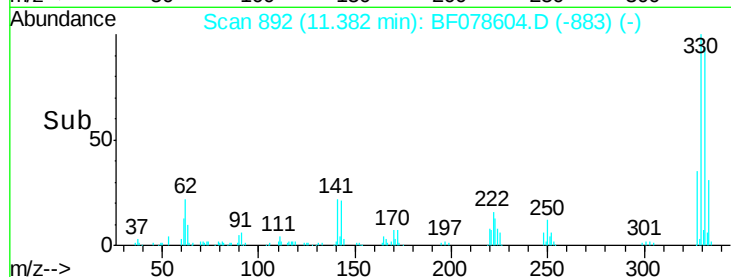
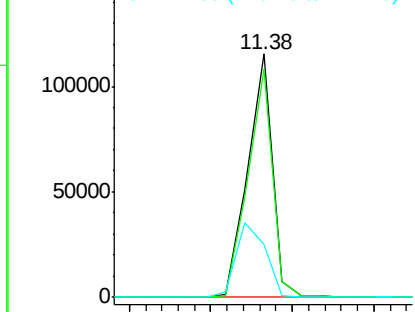
#41
 2,4,6-Tribromophenol
 Concen: 175.44 ng
 RT: 11.38 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BF078604.D
 Acq: 17 Apr 2015 14:40

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.5	78.6	117.8
141	36.8	31.2	46.8

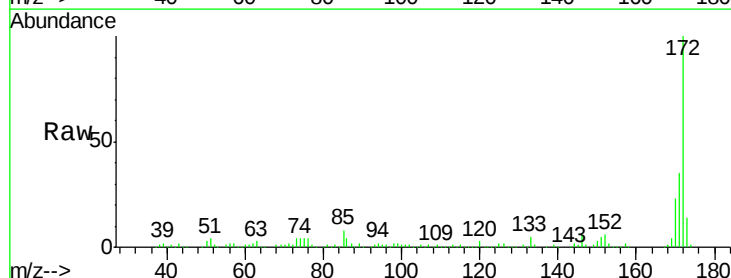


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

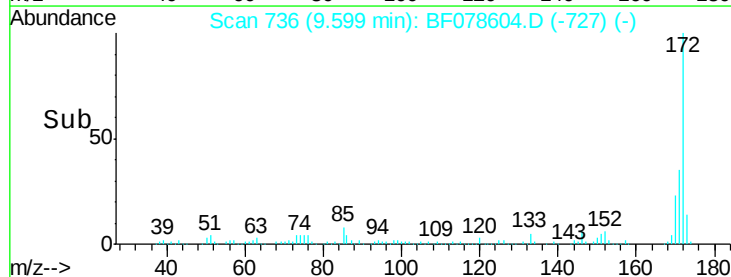
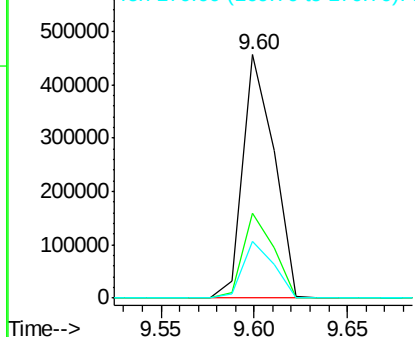


#44
 2-Fluorobiphenyl
 Concen: 90.26 ng
 RT: 9.60 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF078604.D
 Acq: 17 Apr 2015 14:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	42.8
170	23.4	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

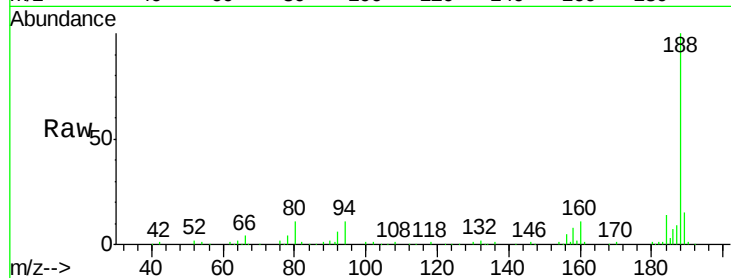




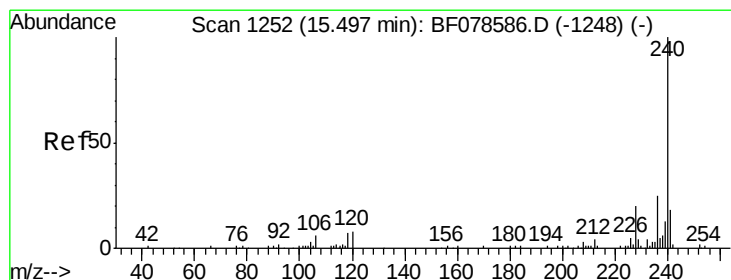
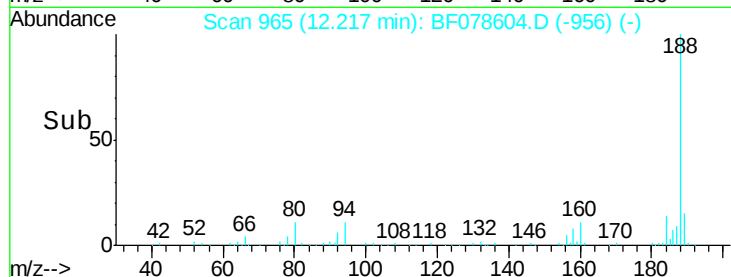
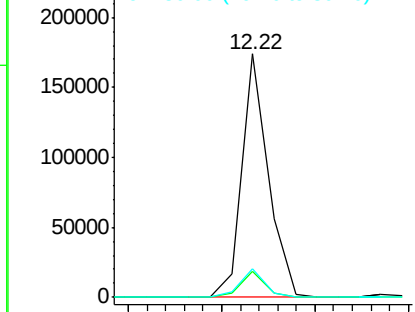
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.22 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: BF078604.D
 Acq: 17 Apr 2015 14:40

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK

Tot Ion:188 Resp: 171372
 Ion Ratio Lower Upper
 188 100
 94 10.7 9.0 13.4
 80 11.5 9.5 14.3

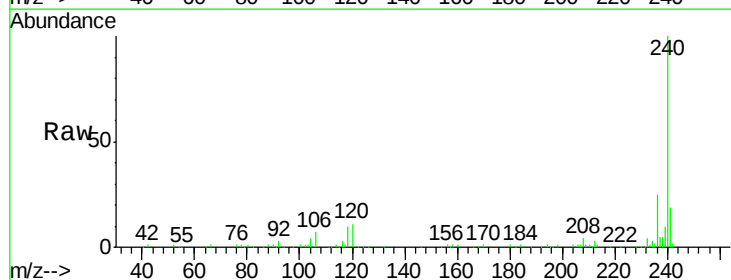


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

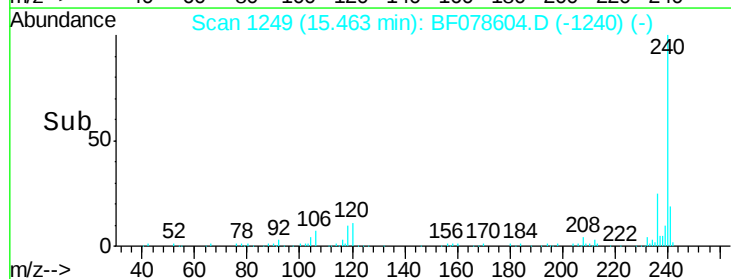
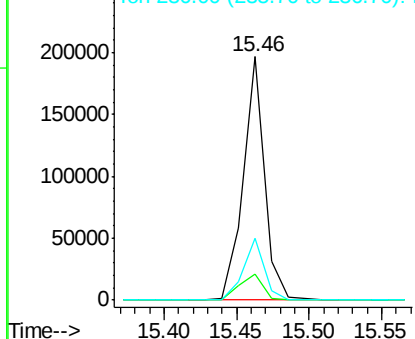


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BF078604.D
 Acq: 17 Apr 2015 14:40

Tgt Ion:240 Resp: 199751
 Ion Ratio Lower Upper
 240 100
 120 10.6 7.1 10.7
 236 25.2 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: 82.49 ng

RT: 14.22 min Scan# 1140

Delta R.T. 0.01 min

Lab File: BF078604.D

Acq: 17 Apr 2015 14:40

Instrument :

BNA_F

ClientSampleId :

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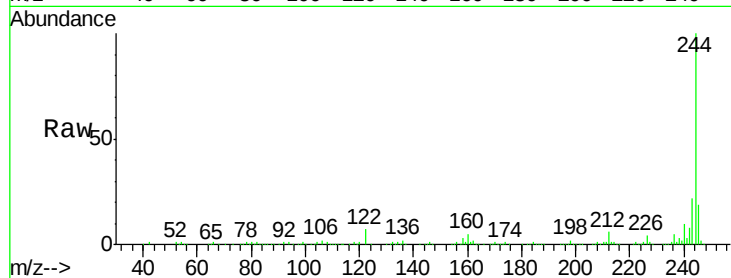
Tot Ion:244 Resp: 729159

Ion Ratio Lower Upper

244 100

212 6.1 5.0 7.4

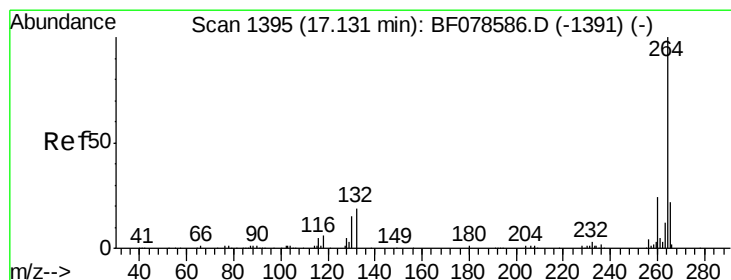
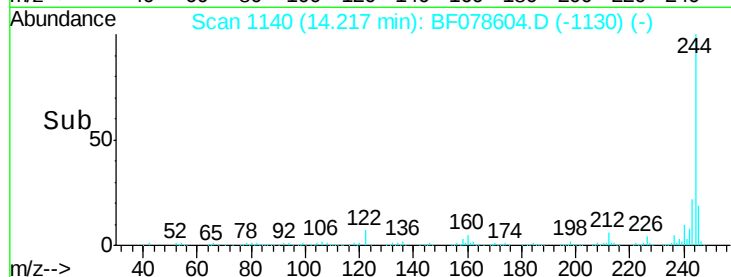
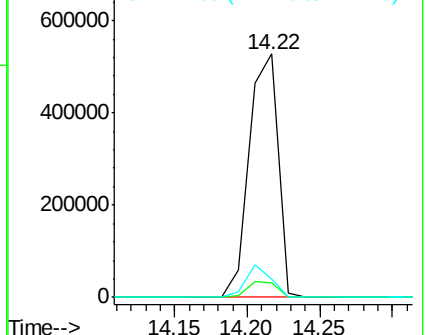
122 7.4 7.1 10.7



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: 17.14 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF078604.D

Acq: 17 Apr 2015 14:40

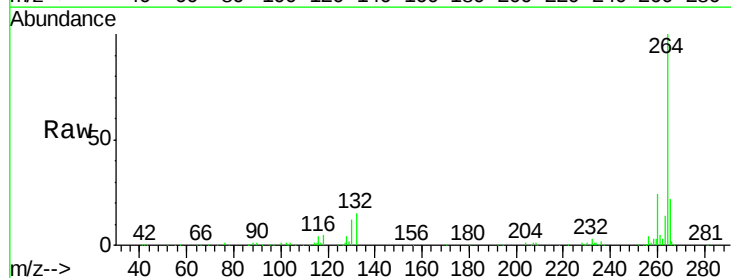
Tgt Ion:264 Resp: 197568

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 21.6 17.0 25.6



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

