

Data Path : Z:\HPCHEM1\BNA_F\Data\BF041615\
 Data File : BF078599.D
 Acq On : 17 Apr 2015 10:07
 Operator : TP/IZ
 Sample : G1878-03
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP1

Quant Time: Apr 17 13:41:13 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 13:18:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	24020	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	102448	20.00	ng	0.00
38) Acenaphthene-d10	10.42	164	53846	20.00	ng	0.00
63) Phenanthrene-d10	12.24	188	109349	20.00	ng	0.00
75) Chrysene-d12	15.51	240	128299	20.00	ng	0.01
86) Perylene-d12	17.28	264	131282	20.00	ng	0.15
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	138964	95.39	ng	0.00
7) Phenol-d6	6.30	99	170736	93.52	ng	0.00
23) Nitrobenzene-d5	7.39	82	111938	66.23	ng	0.00
41) 2,4,6-Tribromophenol	11.41	330	49292	110.38	ng	0.01
44) 2-Fluorobiphenyl	9.62	172	257521	68.36	ng	0.00
78) Terphenyl-d14	14.23	244	345604	60.87	ng	0.00

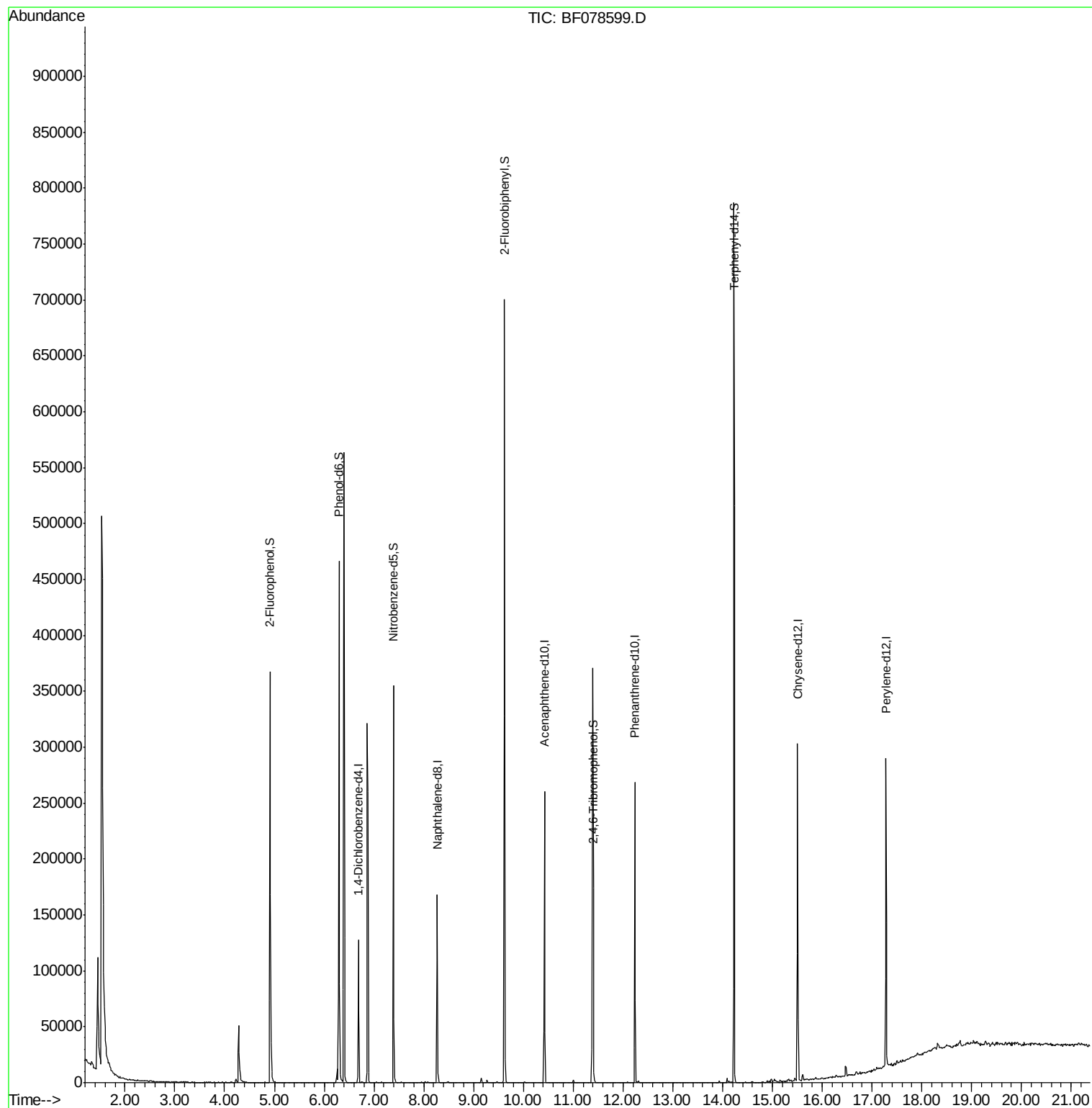
Target Compounds	Qvalue
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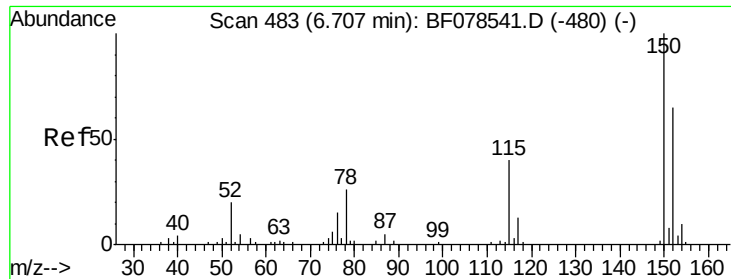
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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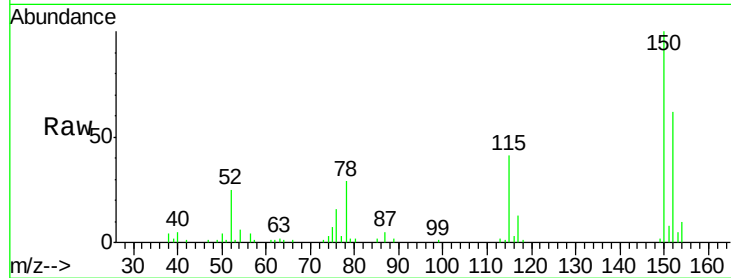


#1

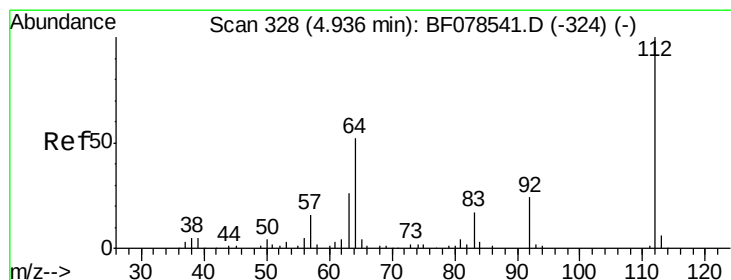
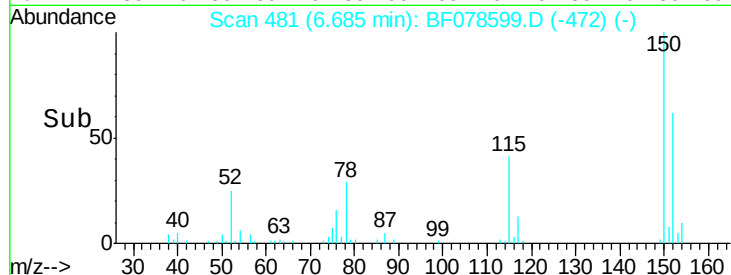
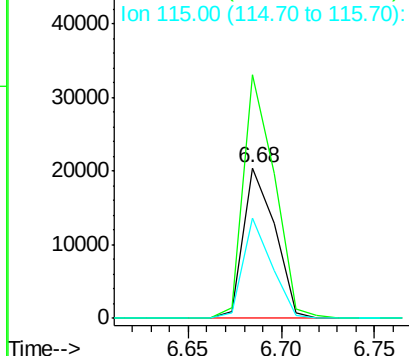
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 481
Delta R.T. 0.00 min
Lab File: BF078599.D
Acq: 17 Apr 2015 10:07

Instrument :
BNA_F
ClientSampleId :
COMP1

Tgt Ion:152 Resp: 24020
Ion Ratio Lower Upper
152 100
150 161.6 125.9 188.9
115 66.2 52.7 79.1



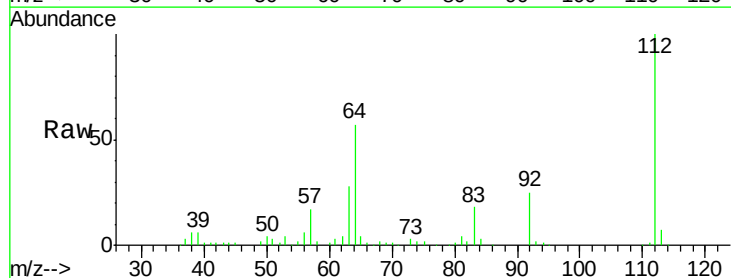
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



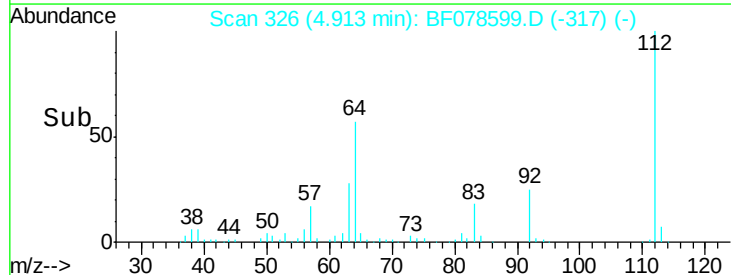
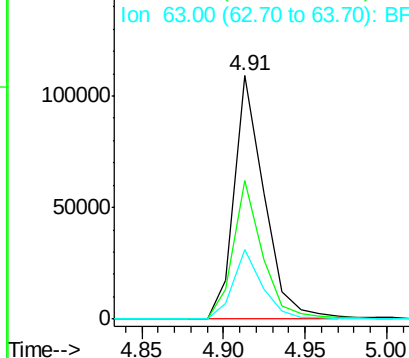
#5

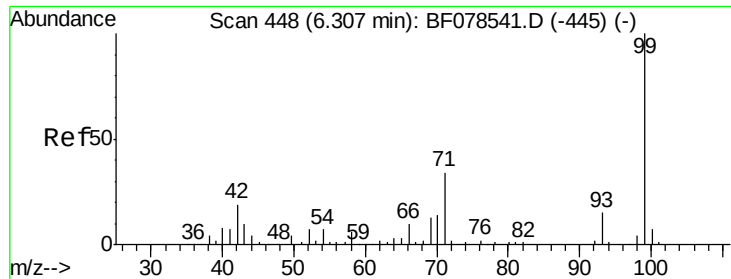
2-Fluorophenol
Concen: 95.39 ng
RT: 4.91 min Scan# 326
Delta R.T. 0.00 min
Lab File: BF078599.D
Acq: 17 Apr 2015 10:07

Tgt Ion:112 Resp: 138964
Ion Ratio Lower Upper
112 100
64 57.1 39.9 59.9
63 28.5 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: 93.52 ng

RT: 6.30 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF078599.D

Acq: 17 Apr 2015 10:07

Instrument :

BNA_F

ClientSampleId :

COMP1

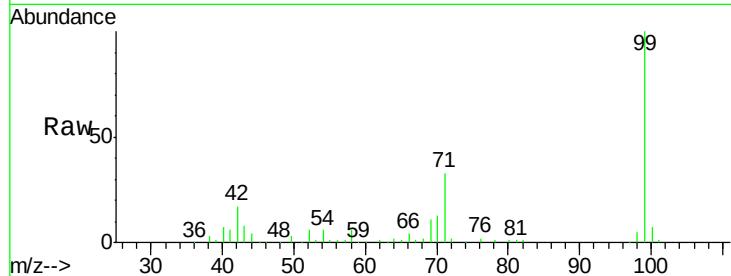
Tgt Ion: 99 Resp: 170736

Ion Ratio Lower Upper

99 100

42 16.8 14.8 22.2

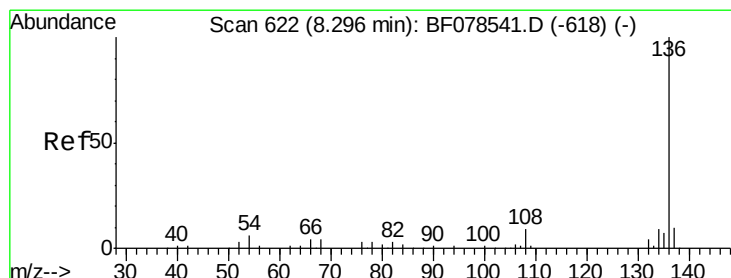
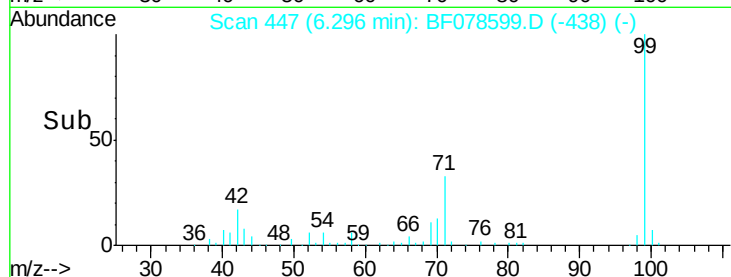
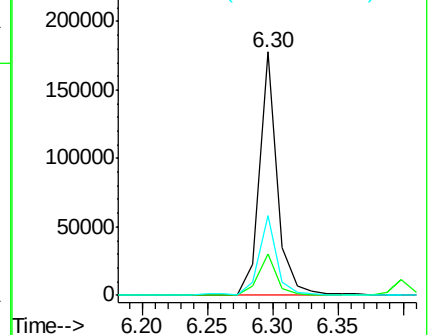
71 32.5 26.6 39.8



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: 8.27 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF078599.D

Acq: 17 Apr 2015 10:07

Tgt Ion: 136 Resp: 102448

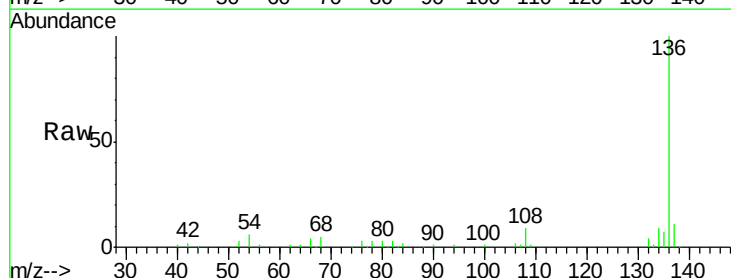
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 6.0 7.0 10.6#

68 4.6 5.4 8.2#

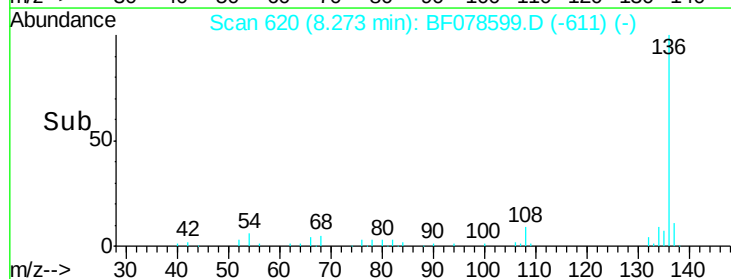
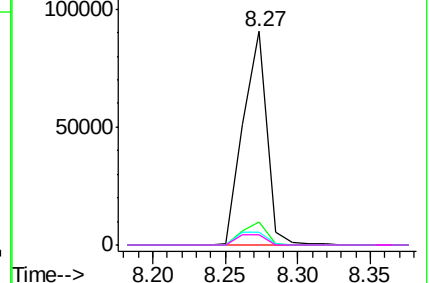


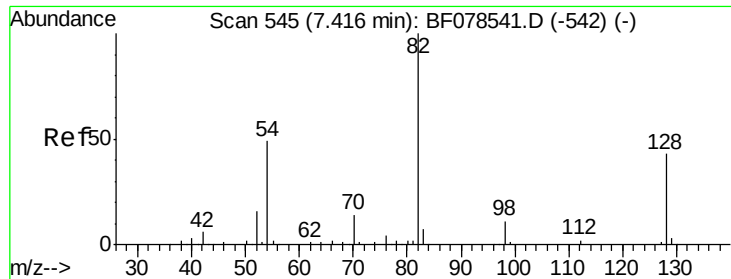
Abundance Ion 136.00 (135.70 to 136.70): E

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

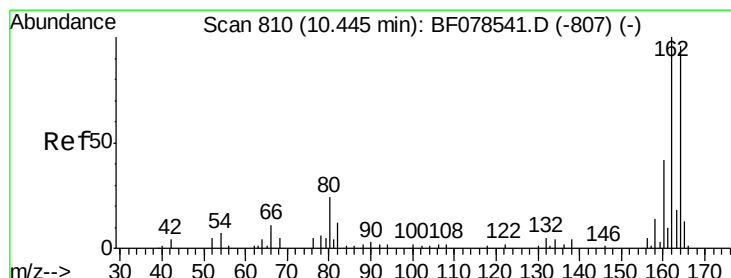
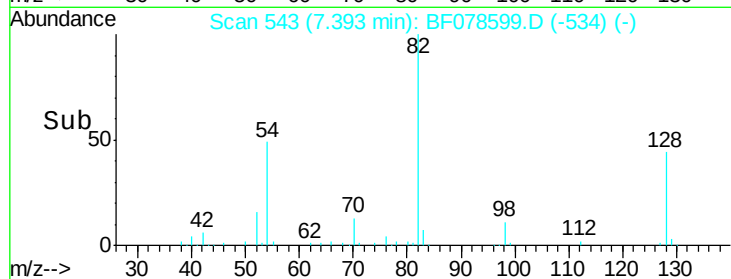
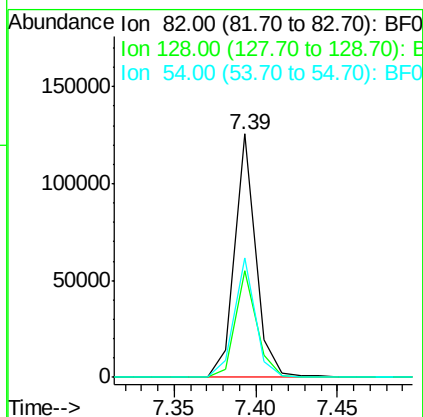
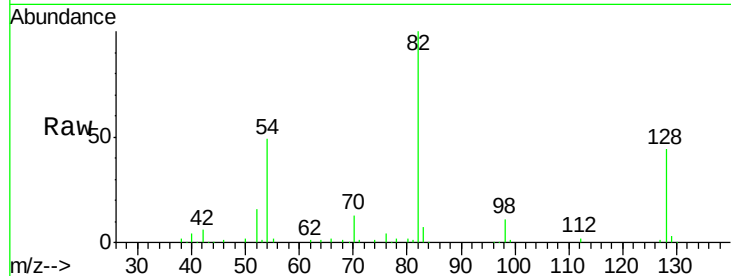




#23
 Nitrobenzene-d5
 Concen: 66.23 ng
 RT: 7.39 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: BF078599.D
 Acq: 17 Apr 2015 10:07

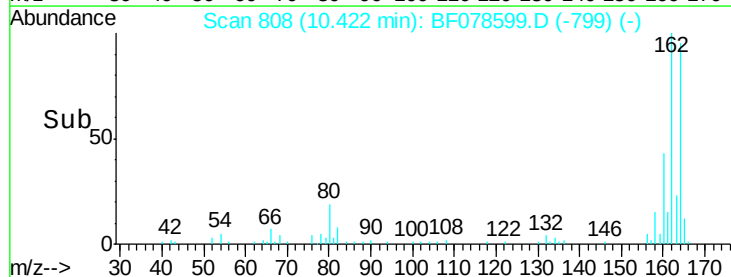
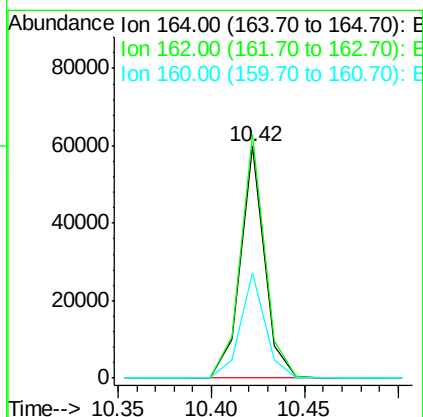
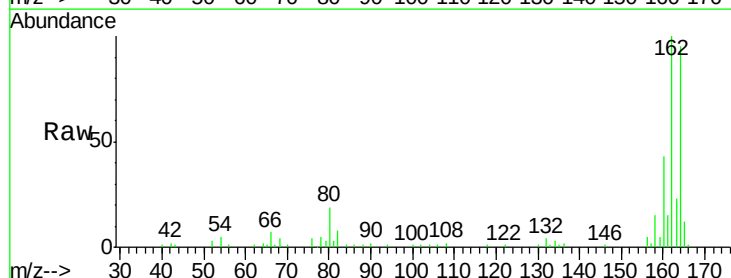
Instrument :
 BNA_F
 ClientSampleId :
 COMP1

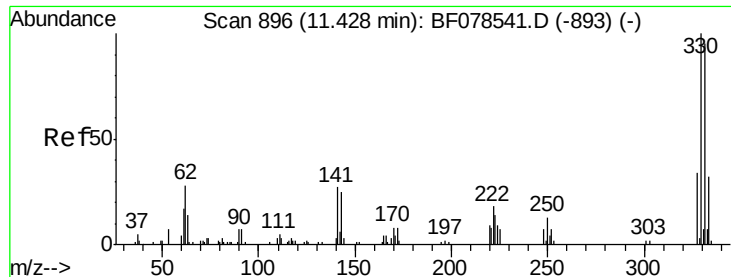
Tgt Ion: 82 Resp: 111938
 Ion Ratio Lower Upper
 82 100
 128 43.6 31.8 47.8
 54 49.0 41.5 62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.42 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF078599.D
 Acq: 17 Apr 2015 10:07

Tgt Ion: 164 Resp: 53846
 Ion Ratio Lower Upper
 164 100
 162 105.0 82.2 123.2
 160 45.6 34.7 52.1

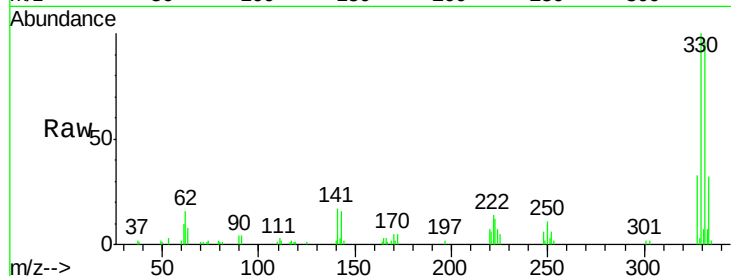




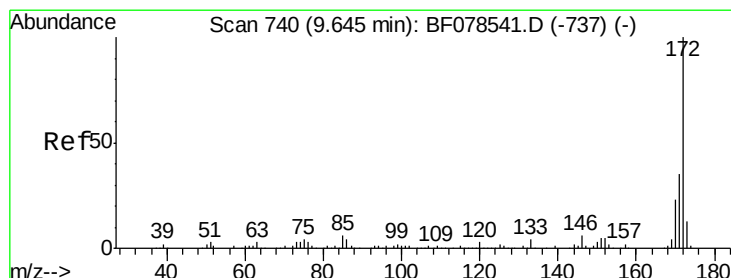
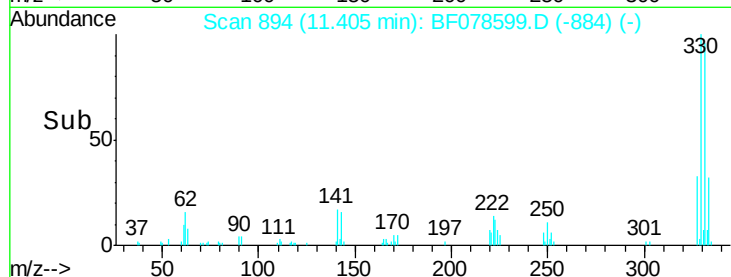
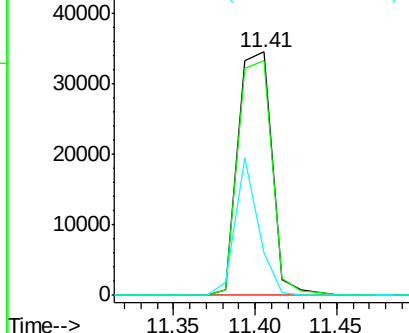
#41
 2,4,6-Tribromophenol
 Concen: 110.38 ng
 RT: 11.41 min Scan# 894
 Delta R.T. 0.01 min
 Lab File: BF078599.D
 Acq: 17 Apr 2015 10:07

Instrument :
 BNA_F
 ClientSampleId :
 COMP1

Tgt Ion:330 Resp: 49292
 Ion Ratio Lower Upper
 330 100
 332 96.7 78.6 117.8
 141 38.6 31.2 46.8

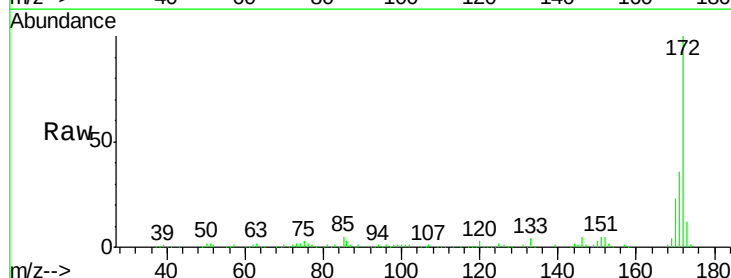


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

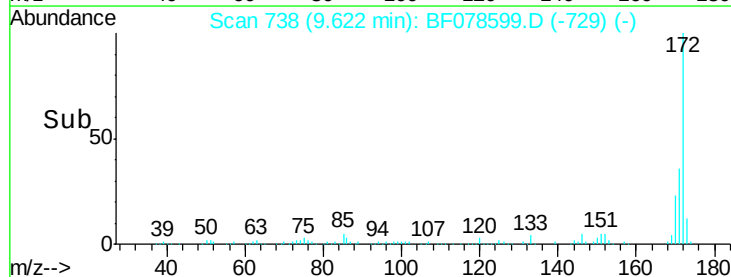
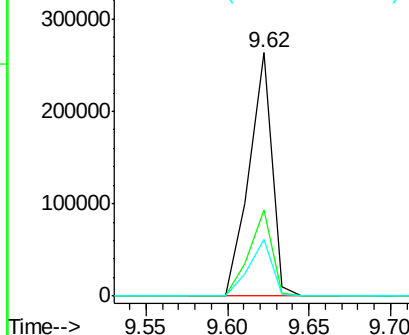


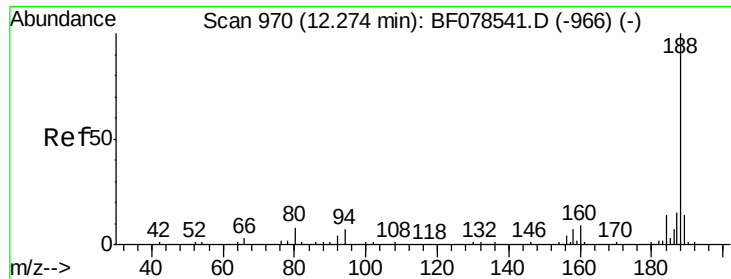
#44
 2-Fluorobiphenyl
 Concen: 68.36 ng
 RT: 9.62 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF078599.D
 Acq: 17 Apr 2015 10:07

Tgt Ion:172 Resp: 257521
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 42.8
 170 23.2 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

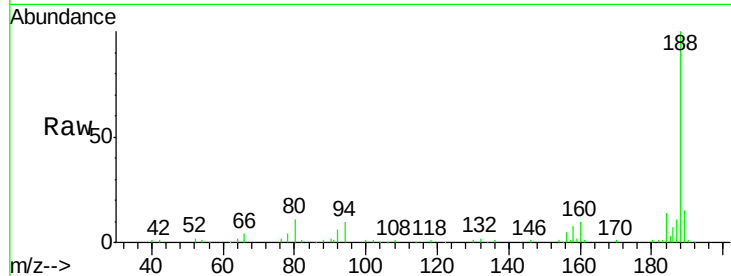




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.24 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: BF078599.D
 Acq: 17 Apr 2015 10:07

Instrument :
 BNA_F
 ClientSampleId :
 COMP1

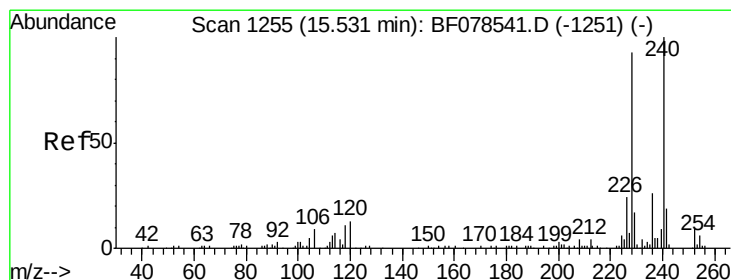
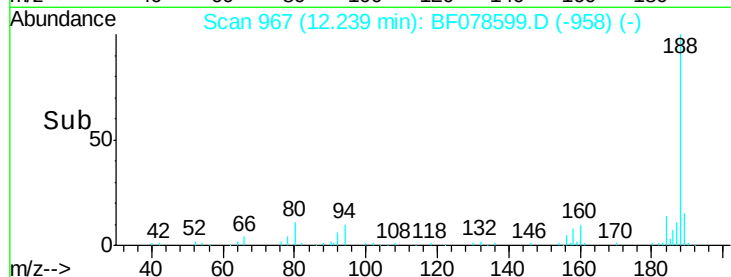
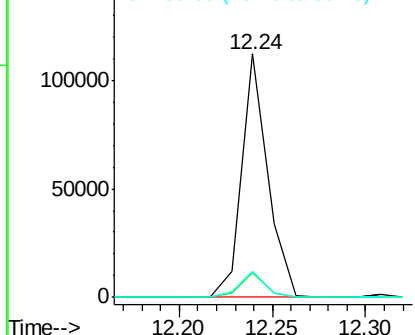
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	109349		
94	10.0		9.0	13.4
80	10.9		9.5	14.3



Abundance Ion 188.00 (187.70 to 188.70): E

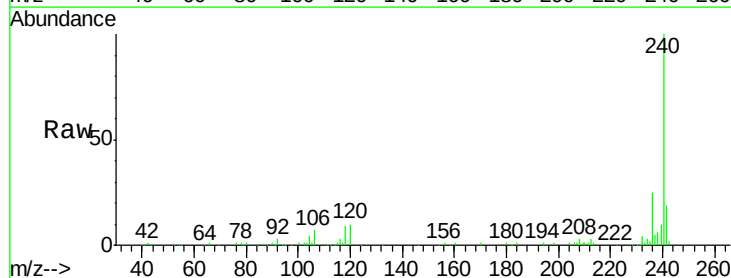
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1253
 Delta R.T. 0.01 min
 Lab File: BF078599.D
 Acq: 17 Apr 2015 10:07

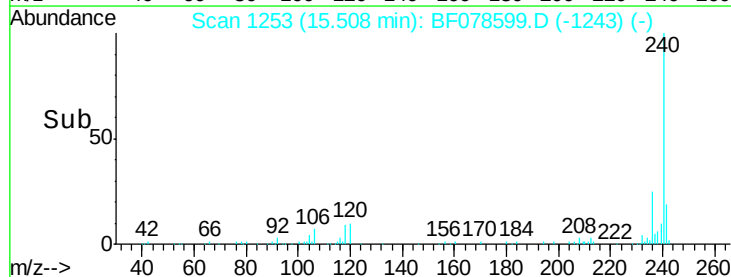
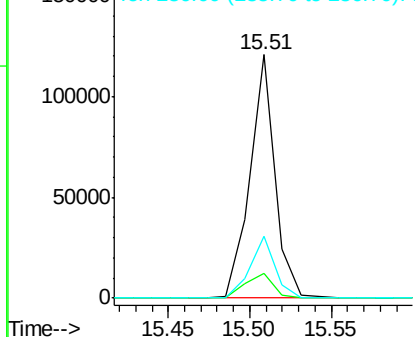
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	128299		
120	10.0		7.1	10.7
236	25.3		21.4	32.2

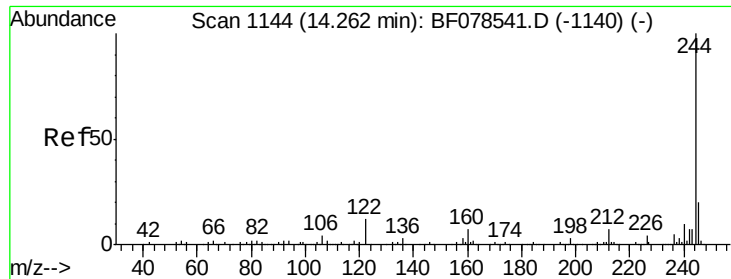


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

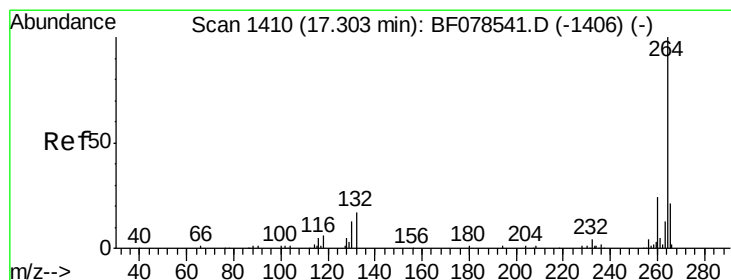
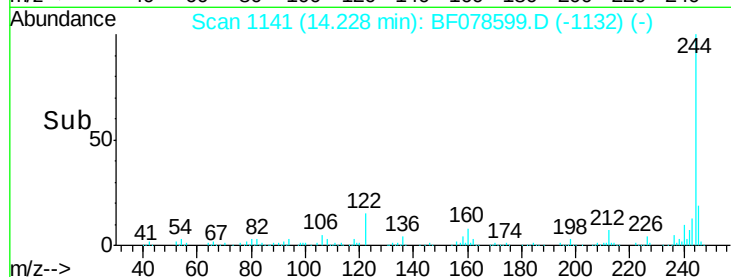
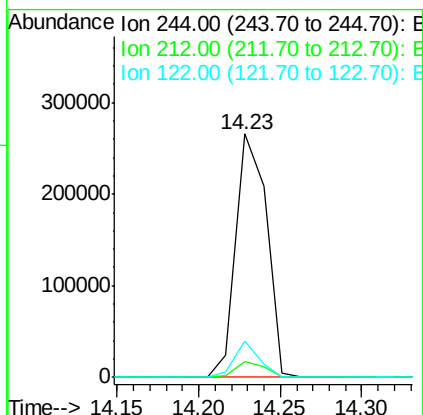
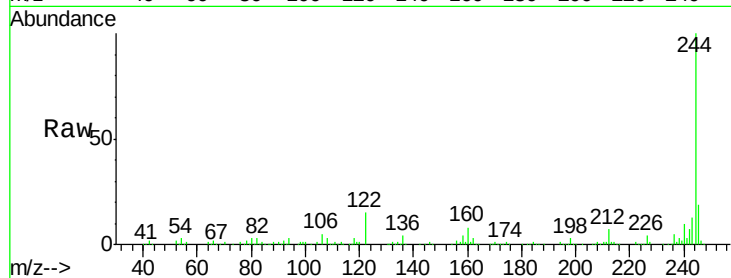




#78
 Terphenyl-d14
 Concen: 60.87 ng
 RT: 14.23 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BF078599.D
 Acq: 17 Apr 2015 10:07

Instrument :
 BNA_F
 ClientSampleId :
 COMP1

Tgt Ion:244 Resp: 345604
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.4
 122 15.1 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.28 min Scan# 1408
 Delta R.T. 0.15 min
 Lab File: BF078599.D
 Acq: 17 Apr 2015 10:07

Tgt Ion:264 Resp: 131282
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 27.8
 265 21.6 17.0 25.6

