

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
 Data File : BF078589.D
 Acq On : 17 Apr 2015 4:13
 Operator : TP/IZ
 Sample : G1905-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FCI-PCB-COMP

Quant Time: Apr 17 05:11:51 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 03:45:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	26282	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	111257	20.00	ng	0.00
38) Acenaphthene-d10	10.42	164	56746	20.00	ng	0.00
63) Phenanthrene-d10	12.24	188	112559	20.00	ng	0.00
75) Chrysene-d12	15.49	240	130043	20.00	ng	-0.01
86) Perylene-d12	17.14	264	126677	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	186708	117.13	ng	0.00
7) Phenol-d6	6.30	99	227666	113.96	ng	0.00
23) Nitrobenzene-d5	7.39	82	144599	78.78	ng	0.00
41) 2,4,6-Tribromophenol	11.40	330	69641	147.97	ng	0.01
44) 2-Fluorobiphenyl	9.62	172	352829	88.88	ng	0.00
78) Terphenyl-d14	14.23	244	449720	78.14	ng	0.00

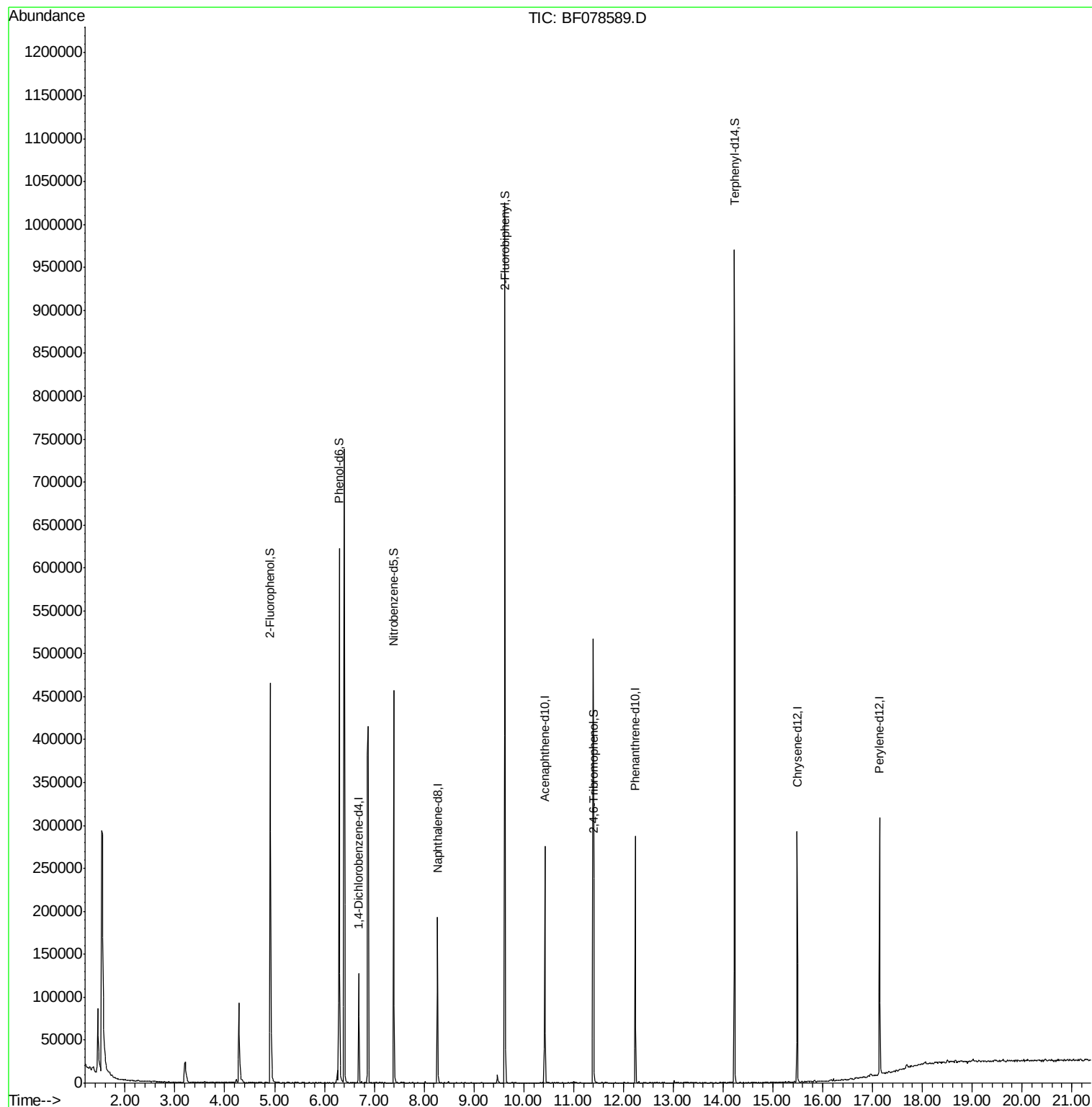
Target Compounds Qvalue

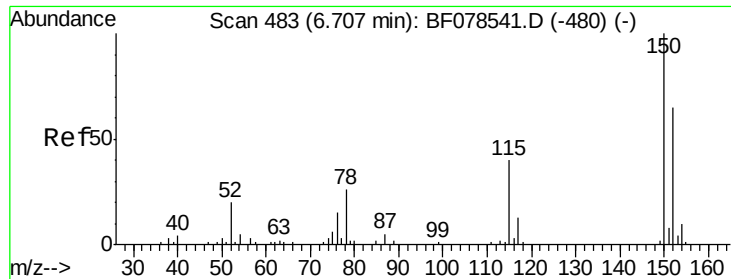
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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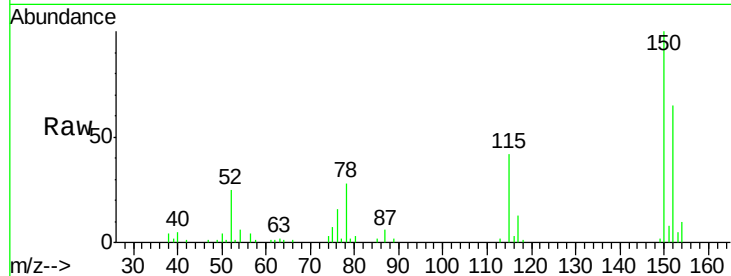




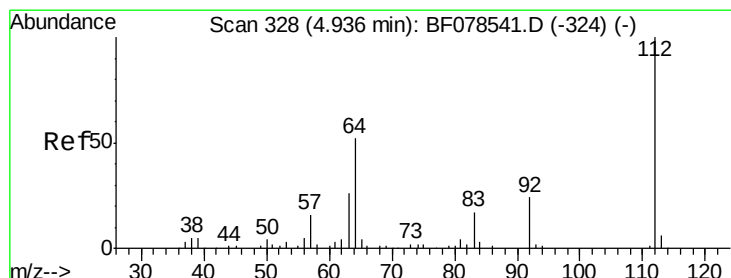
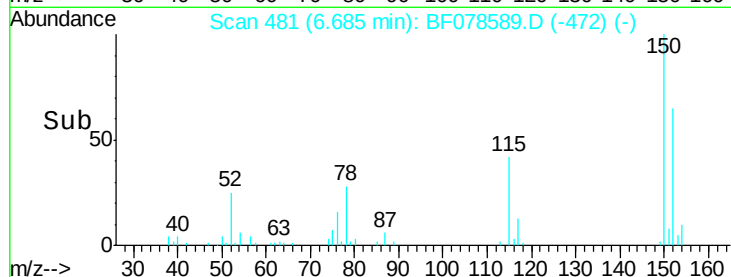
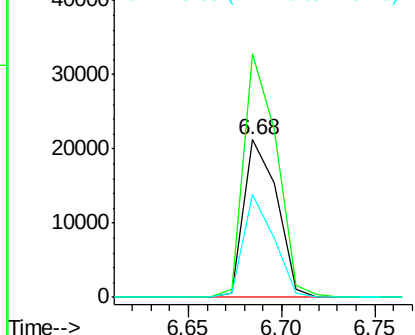
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.68 min Scan# 481
 Delta R.T. 0.00 min
 Lab File: BF078589.D
 Acq: 17 Apr 2015 4:13

Instrument :
 BNA_F
 ClientSampleId :
 FCI-PCB-COMP

Tgt Ion:152 Resp: 26282
 Ion Ratio Lower Upper
 152 100
 150 154.4 125.9 188.9
 115 65.5 52.7 79.1

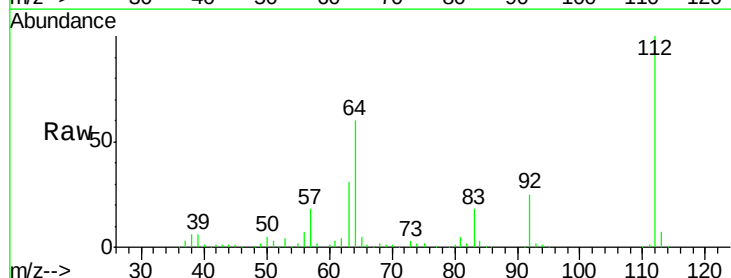


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

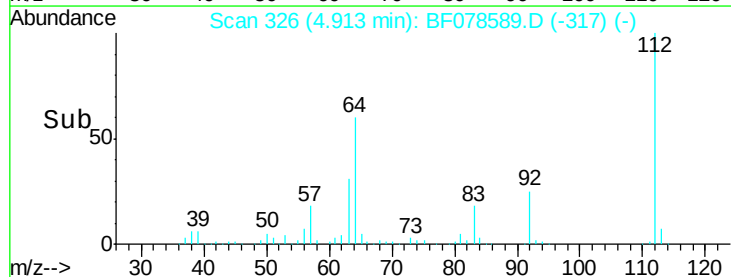
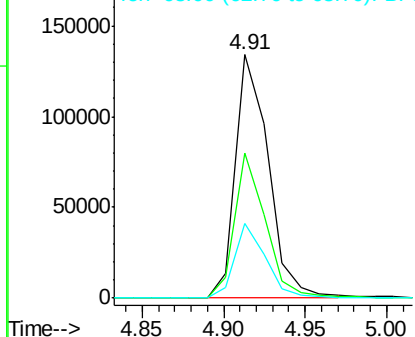


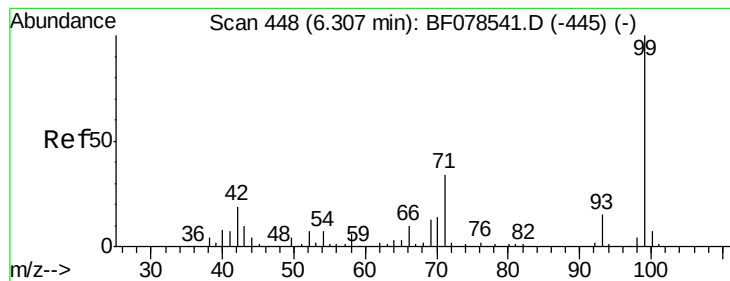
#5
 2-Fluorophenol
 Concen: 117.13 ng
 RT: 4.91 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: BF078589.D
 Acq: 17 Apr 2015 4:13

Tgt Ion:112 Resp: 186708
 Ion Ratio Lower Upper
 112 100
 64 59.8 39.9 59.9
 63 30.9 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: 113.96 ng

RT: 6.30 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF078589.D

Acq: 17 Apr 2015 4:13

Instrument :

BNA_F

ClientSampleId :

FCI-PCB-COMP

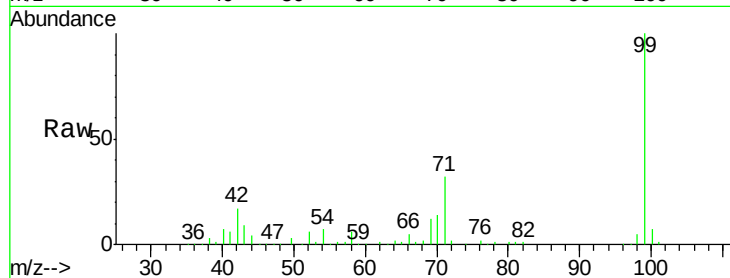
Tgt Ion: 99 Resp: 227666

Ion Ratio Lower Upper

99 100

42 17.4 14.8 22.2

71 32.4 26.6 39.8

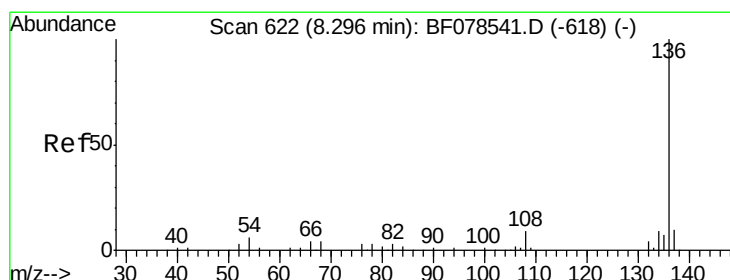
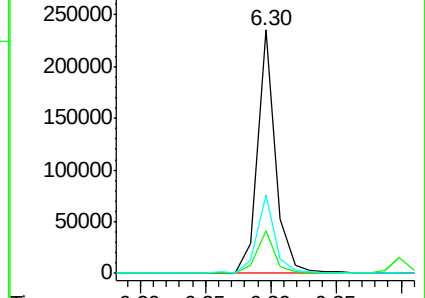
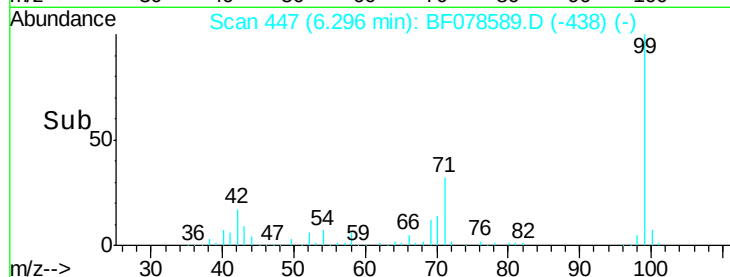


Abundance Ion 99.00 (98.70 to 99.70): BF078541.D (-445) (-)

Ion 42.00 (41.70 to 42.70): BF078541.D (-445) (-)

Ion 71.00 (70.70 to 71.70): BF078541.D (-445) (-)

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.27 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF078589.D

Acq: 17 Apr 2015 4:13

Tgt Ion: 136 Resp: 111257

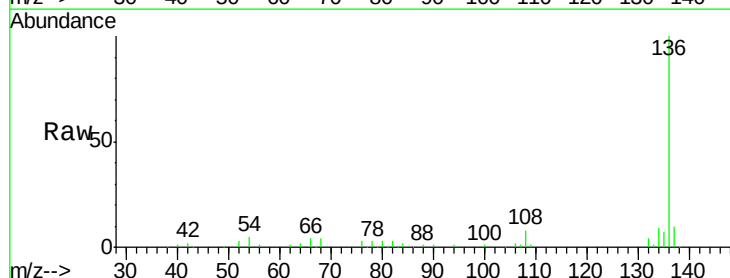
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.4

54 5.4 7.0 10.6#

68 4.4 5.4 8.2#



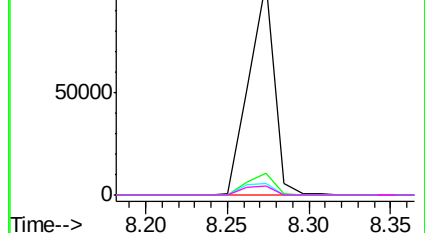
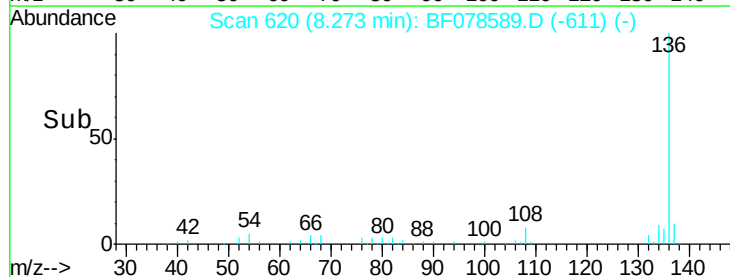
Abundance Ion 136.00 (135.70 to 136.70): BF078541.D (-618) (-)

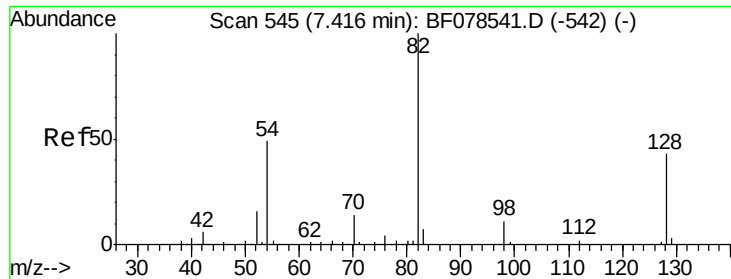
Ion 137.00 (136.70 to 137.70): BF078541.D (-618) (-)

Ion 54.00 (53.70 to 54.70): BF078541.D (-618) (-)

Ion 68.00 (67.70 to 68.70): BF078541.D (-618) (-)

Time-->

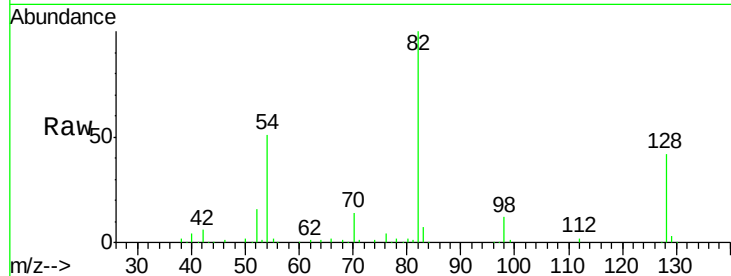




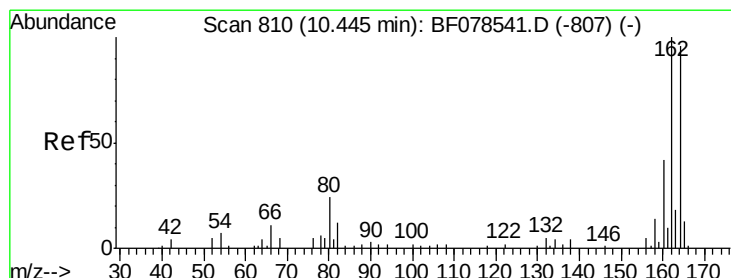
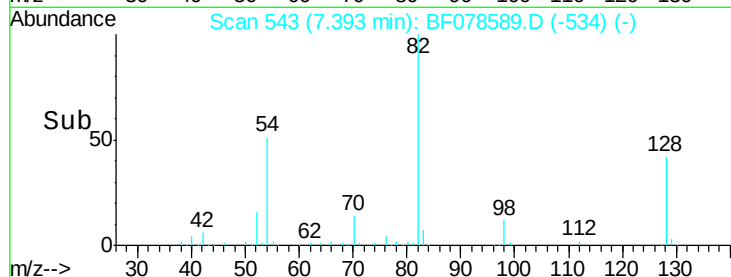
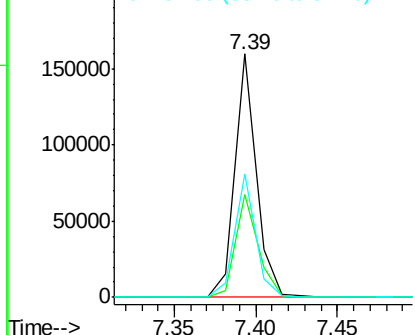
#23
 Nitrobenzene-d5
 Concen: 78.78 ng
 RT: 7.39 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: BF078589.D
 Acq: 17 Apr 2015 4:13

Instrument :
 BNA_F
 ClientSampleId :
 FCI-PCB-COMP

Tgt Ion: 82 Resp: 144599
 Ion Ratio Lower Upper
 82 100
 128 42.2 31.8 47.8
 54 50.7 41.5 62.3

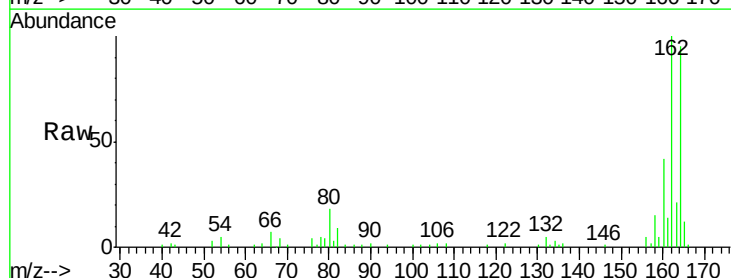


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

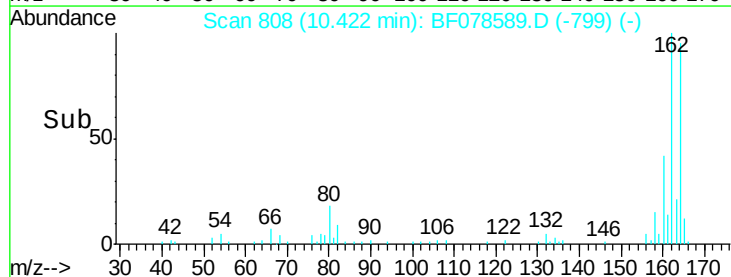
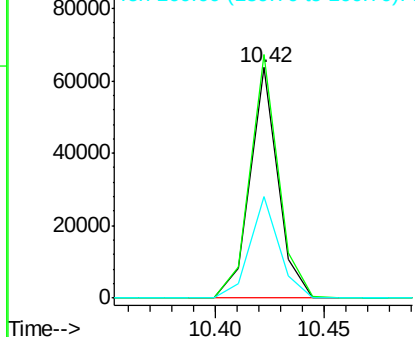


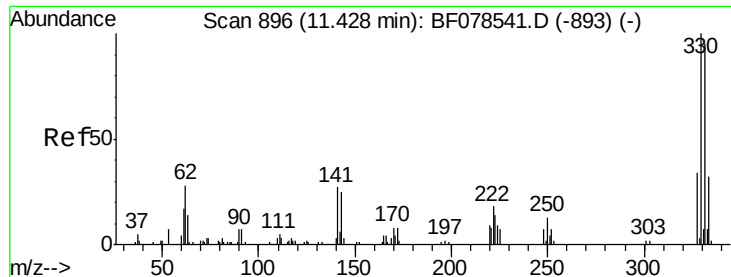
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.42 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF078589.D
 Acq: 17 Apr 2015 4:13

Tgt Ion: 164 Resp: 56746
 Ion Ratio Lower Upper
 164 100
 162 105.6 82.2 123.2
 160 44.1 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

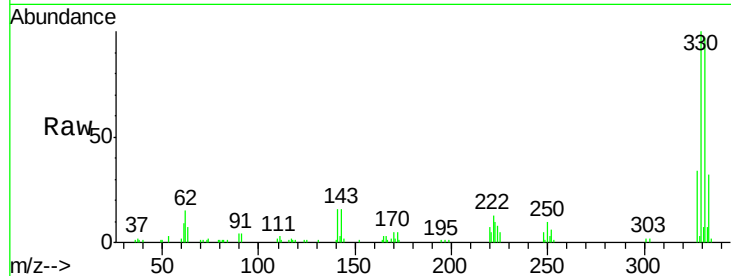




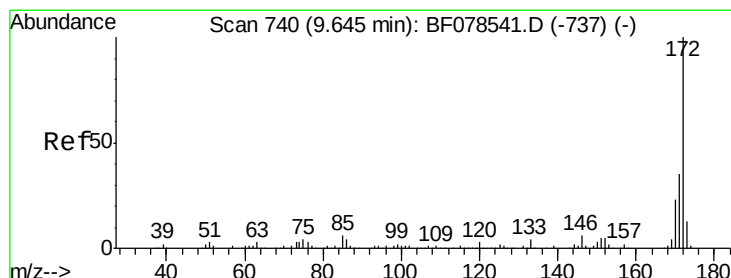
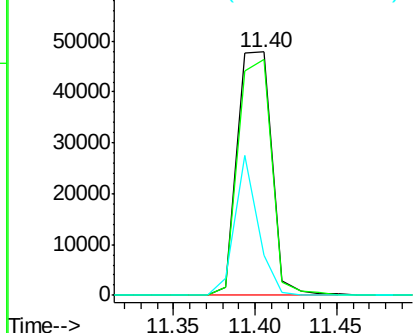
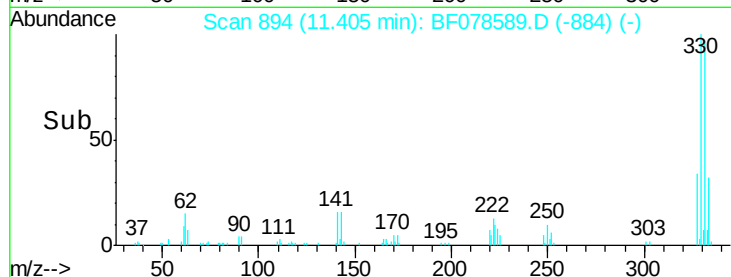
#41
 2,4,6-Tribromophenol
 Concen: 147.97 ng
 RT: 11.40 min Scan# 894
 Delta R.T. 0.01 min
 Lab File: BF078589.D
 Acq: 17 Apr 2015 4:13

Instrument :
 BNA_F
 ClientSampleId :
 FCI-PCB-COMP

Tgt Ion:330 Resp: 69641
 Ion Ratio Lower Upper
 330 100
 332 94.7 78.6 117.8
 141 38.8 31.2 46.8

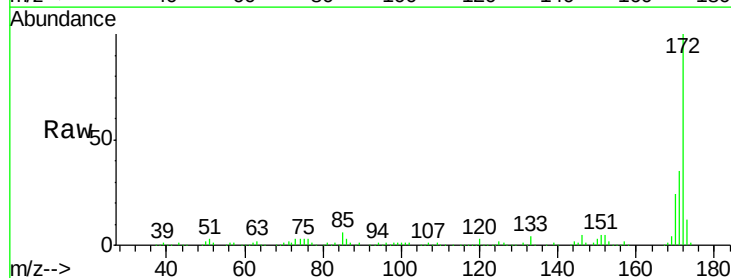


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

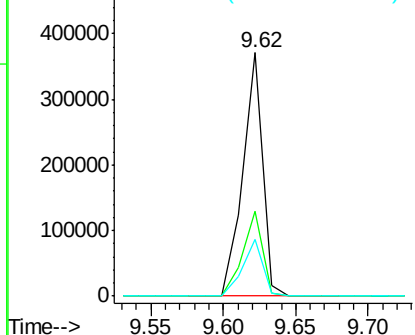
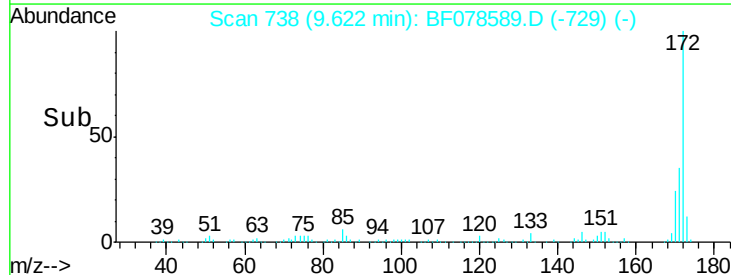


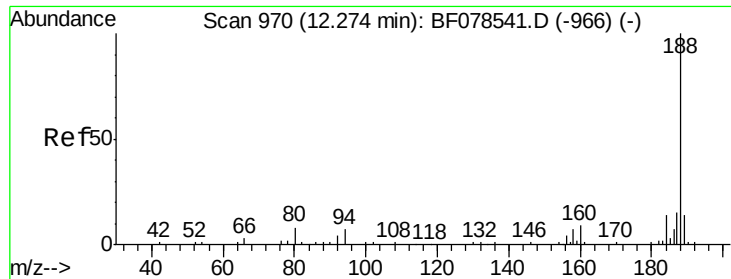
#44
 2-Fluorobiphenyl
 Concen: 88.88 ng
 RT: 9.62 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF078589.D
 Acq: 17 Apr 2015 4:13

Tgt Ion:172 Resp: 352829
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.6 42.8
 170 23.5 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

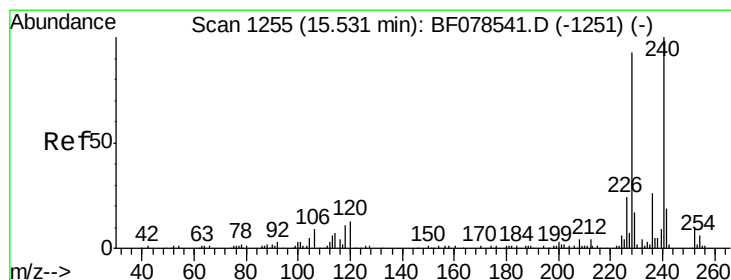
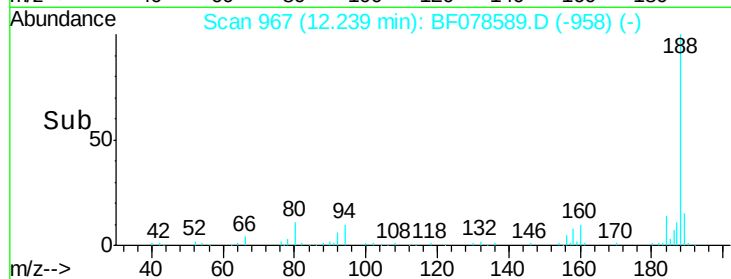
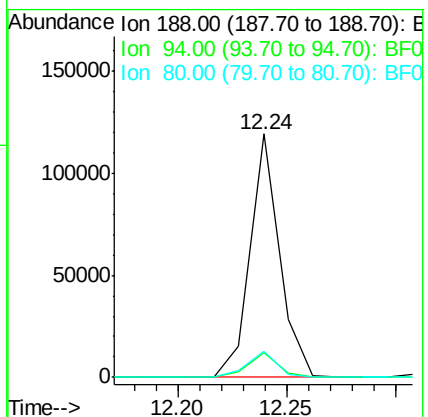
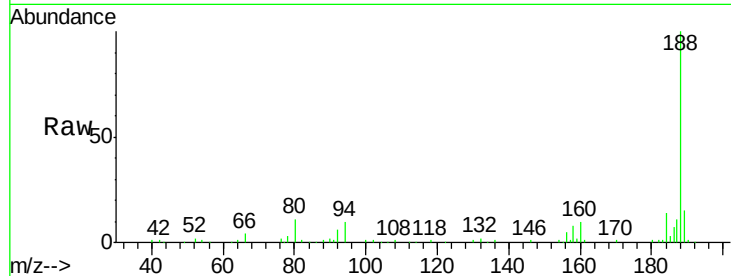




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.24 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF078589.D
Acq: 17 Apr 2015 4:13

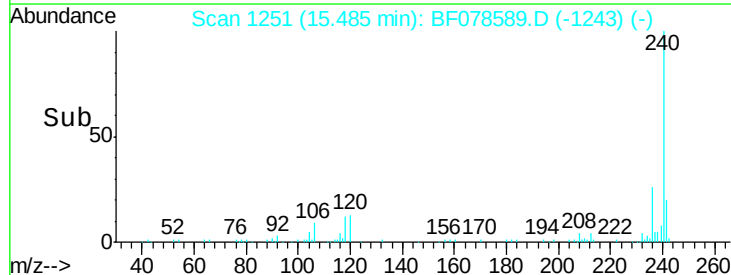
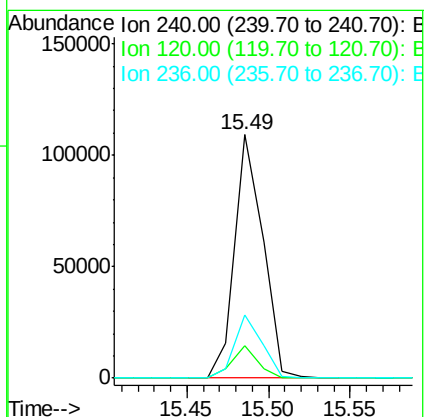
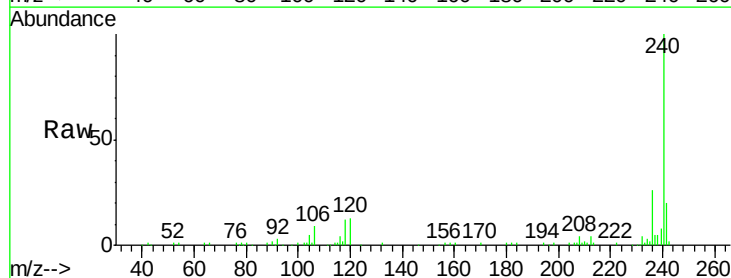
Instrument :
BNA_F
ClientSampleId :
FCI-PCB-COMP

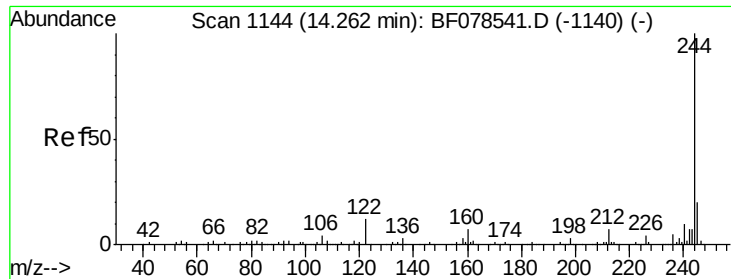
Tgt Ion:188 Resp: 112559
Ion Ratio Lower Upper
188 100
94 10.1 9.0 13.4
80 10.5 9.5 14.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF078589.D
Acq: 17 Apr 2015 4:13

Tgt Ion:240 Resp: 130043
Ion Ratio Lower Upper
240 100
120 13.2 7.1 10.7#
236 25.7 21.4 32.2





#78

Terphenyl-d14

Concen: 78.14 ng

RT: 14.23 min Scan# 1141

Delta R.T. 0.00 min

Lab File: BF078589.D

Acq: 17 Apr 2015 4:13

Instrument :

BNA_F

ClientSampleId :

FCI-PCB-COMP

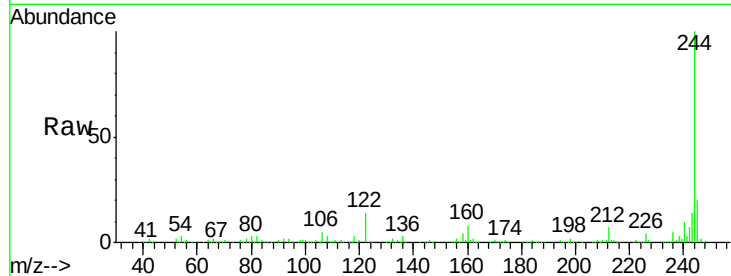
Tgt Ion:244 Resp: 449720

Ion Ratio Lower Upper

244 100

212 7.0 5.0 7.4

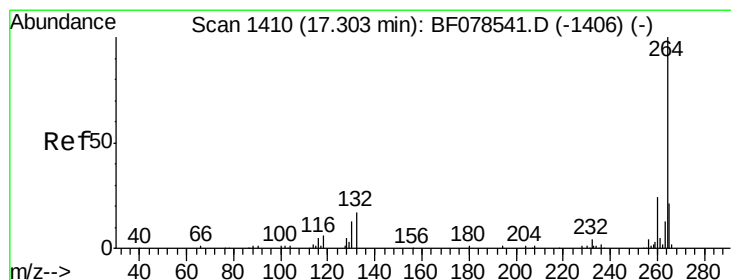
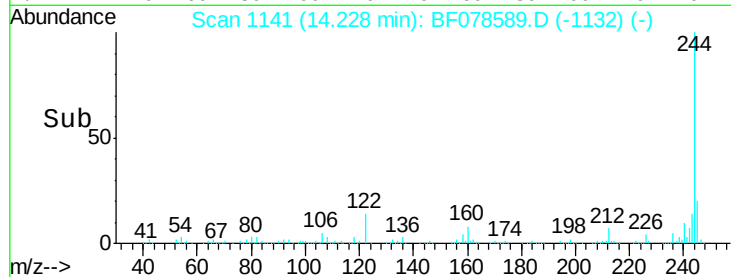
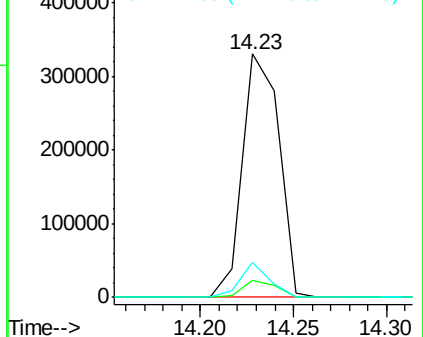
122 14.4 7.1 10.7#



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: BF078589.D

Acq: 17 Apr 2015 4:13

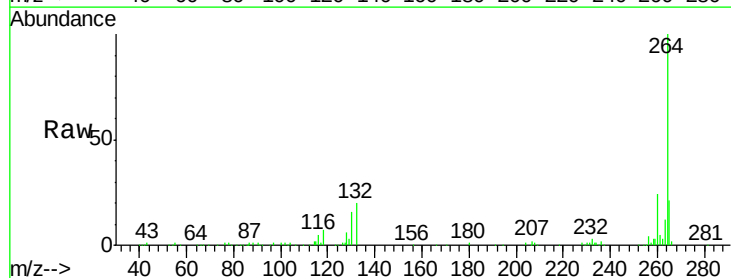
Tgt Ion:264 Resp: 126677

Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 21.4 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

