

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
 Data File : BF078569.D
 Acq On : 16 Apr 2015 16:56
 Operator : TP/IZ
 Sample : G1905-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FCI-PCB-COMP

Quant Time: Apr 17 01:21:49 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 00:52:22 2015
 Response via : Initial Calibration

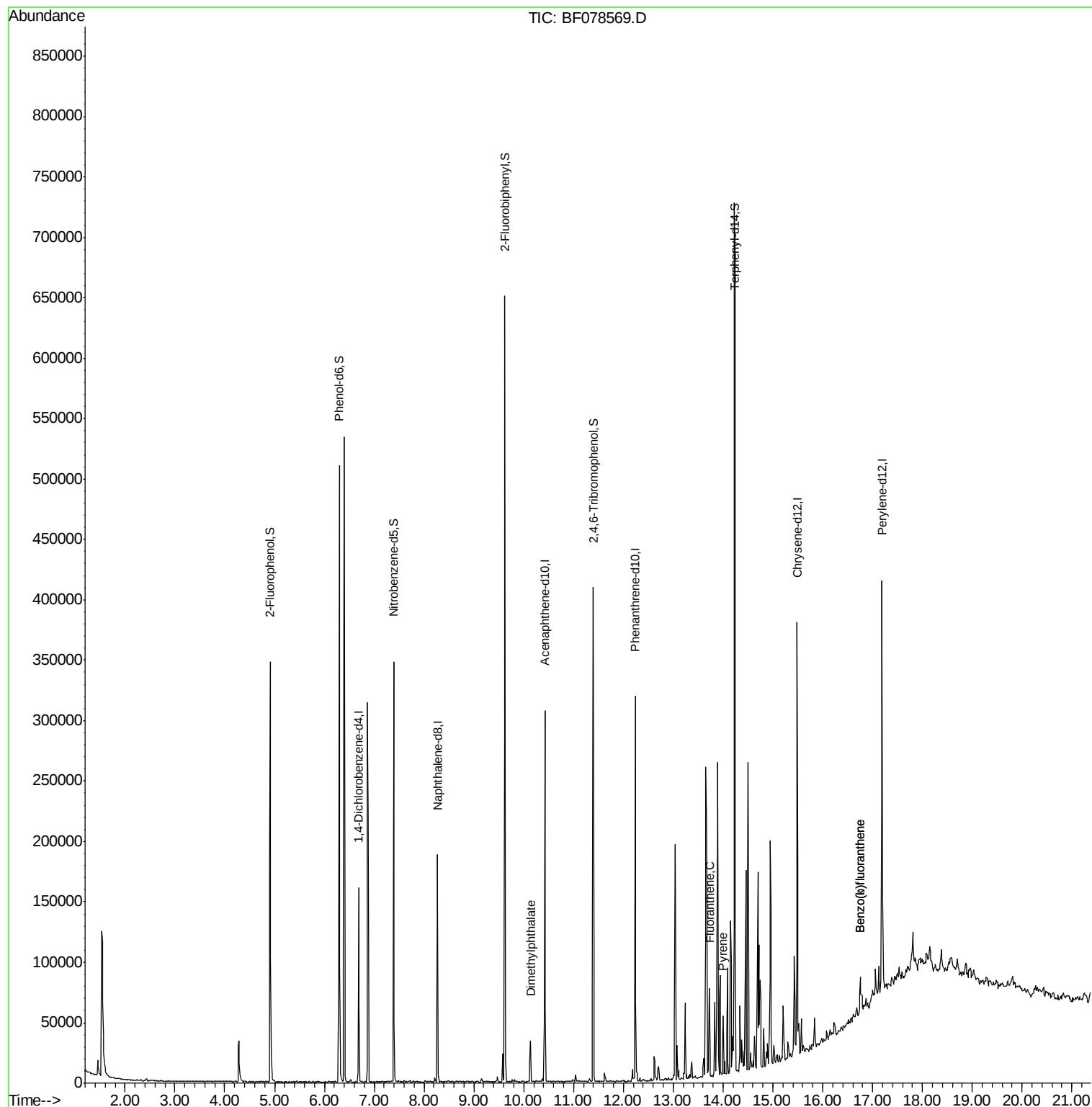
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	28820	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	119278	20.00	ng	0.00
38) Acenaphthene-d10	10.42	164	62265	20.00	ng	0.00
63) Phenanthrene-d10	12.24	188	124528	20.00	ng	0.00
75) Chrysene-d12	15.49	240	137905	20.00	ng	0.00
86) Perylene-d12	17.19	264	149553	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	137211	78.50	ng	0.01
7) Phenol-d6	6.30	99	187134	85.43	ng	0.00
23) Nitrobenzene-d5	7.39	82	108870	55.32	ng	0.00
41) 2,4,6-Tribromophenol	11.39	330	48954	94.80	ng	0.00
44) 2-Fluorobiphenyl	9.62	172	232214	53.31	ng	0.00
78) Terphenyl-d14	14.23	244	270519	44.33	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.14	163	18011	3.85	ng	# 97
74) Fluoranthene	13.73	202	19912	2.62	ng	95
77) Pyrene	14.00	202	19041	2.20	ng	# 96
87) Benzo(b)fluoranthene	16.75	252	23788	2.57	ng	# 89
88) Benzo(k)fluoranthene	16.75	252	23788	2.90	ng	94

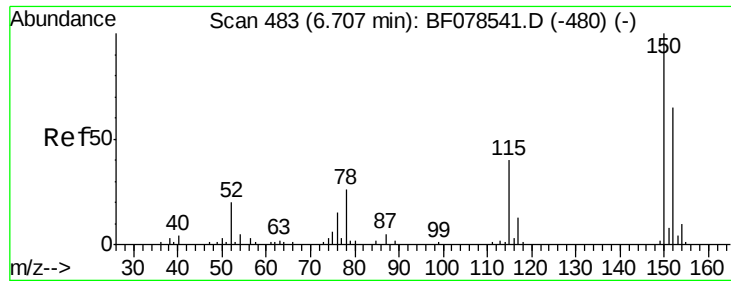
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF078569.D

Acq: 16 Apr 2015 16:56

Instrument :

BNA_F

ClientSampleId :

FCI-PCB-COMP

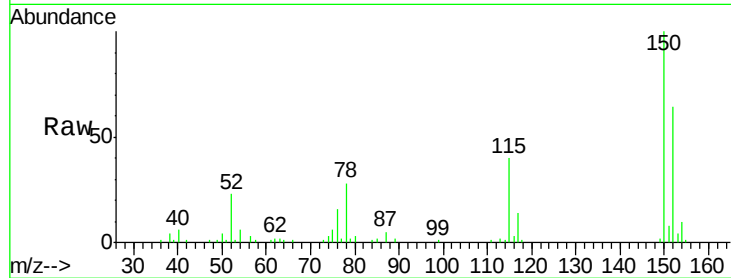
Tgt Ion:152 Resp: 28820

Ion Ratio Lower Upper

152 100

150 157.3 125.9 188.9

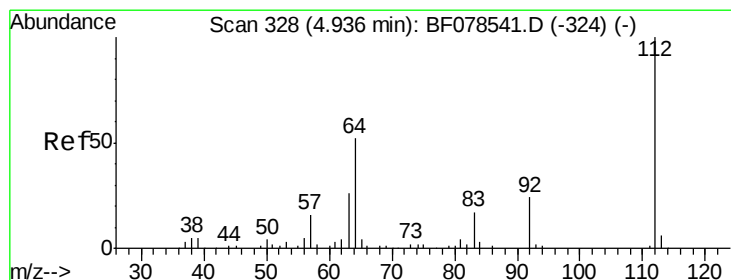
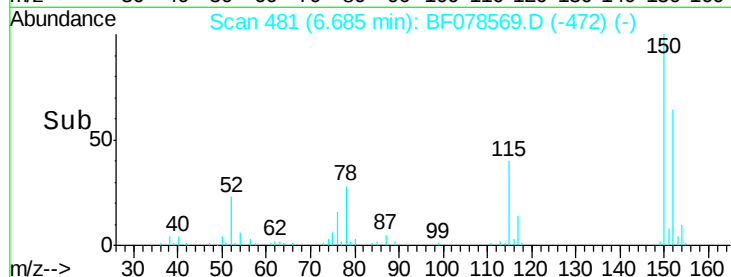
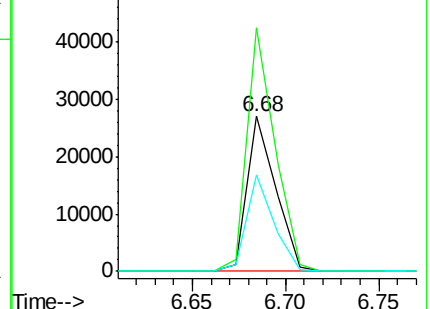
115 62.6 52.7 79.1



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: 78.50 ng

RT: 4.91 min Scan# 326

Delta R.T. 0.01 min

Lab File: BF078569.D

Acq: 16 Apr 2015 16:56

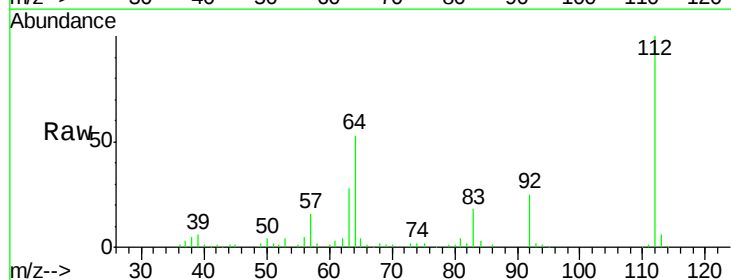
Tgt Ion:112 Resp: 137211

Ion Ratio Lower Upper

112 100

64 52.7 39.9 59.9

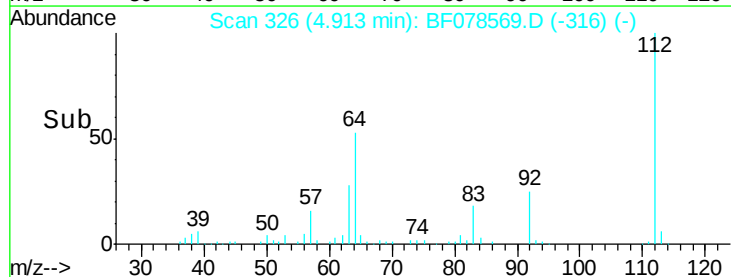
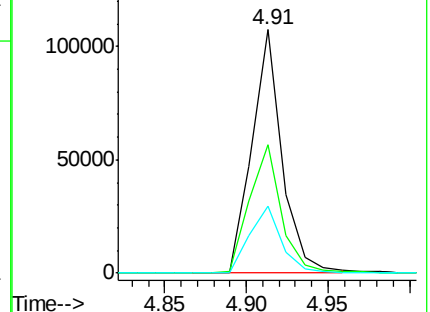
63 27.7 20.2 30.4

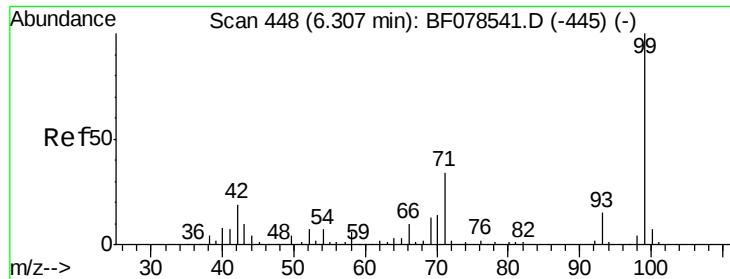


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 85.43 ng

RT: 6.30 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF078569.D

Acq: 16 Apr 2015 16:56

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ClientSampleId :

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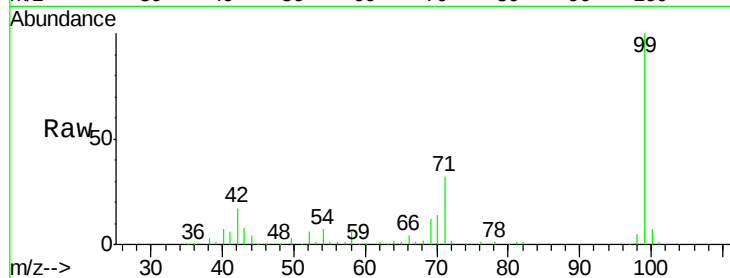
Tgt Ion: 99 Resp: 187134

Ion Ratio Lower Upper

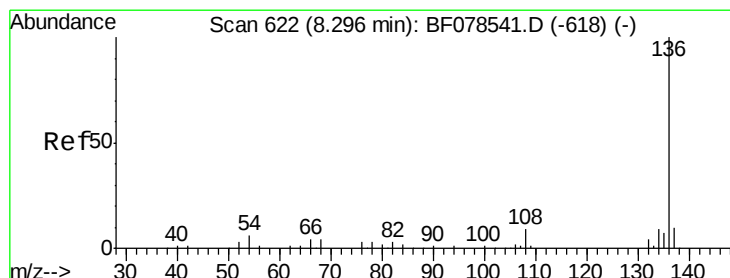
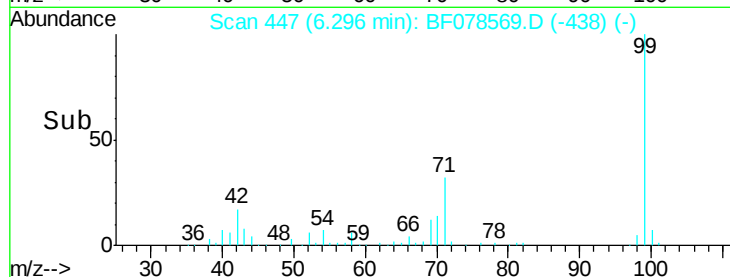
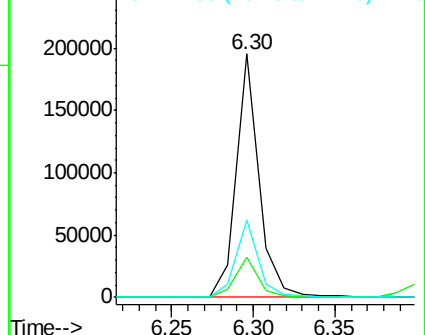
99 100

42 16.7 14.8 22.2

71 32.0 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: BF078569.D

Acq: 16 Apr 2015 16:56

Tgt Ion: 136 Resp: 119278

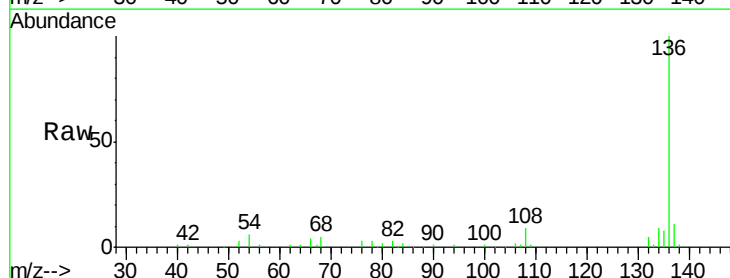
Ion Ratio Lower Upper

136 100

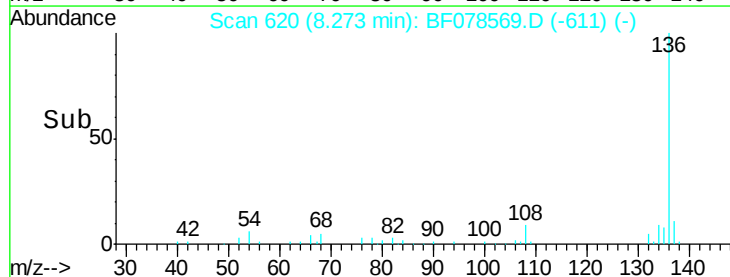
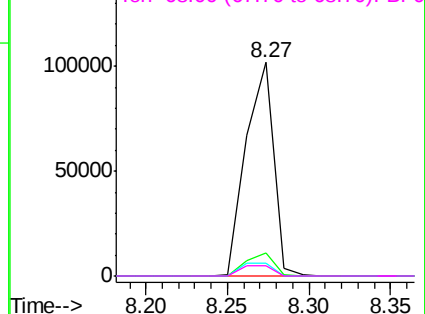
137 10.5 9.0 13.4

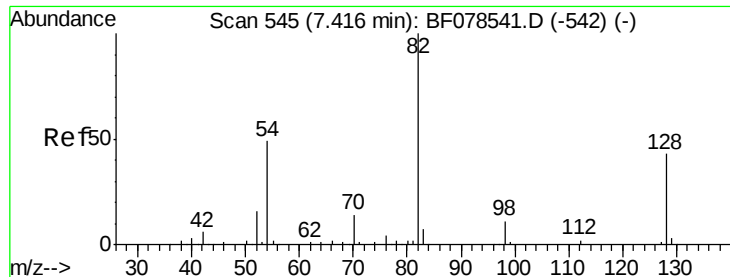
54 5.8 7.0 10.6#

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

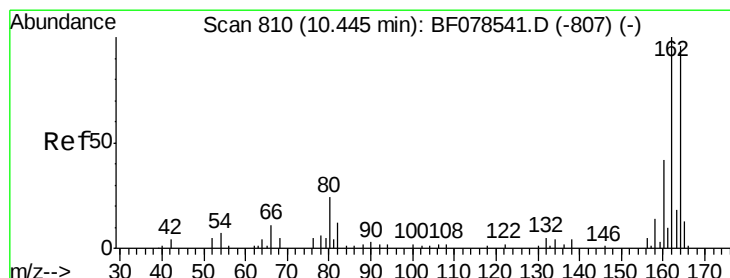
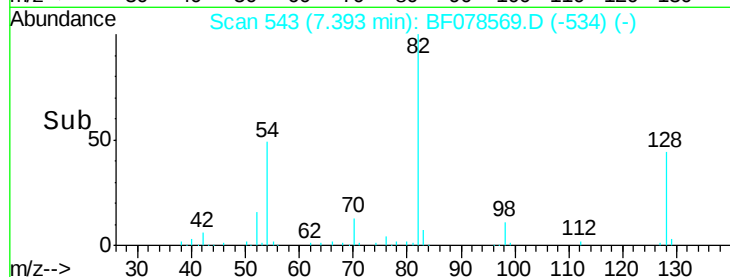
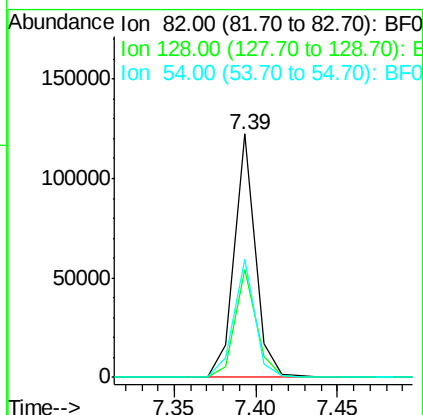
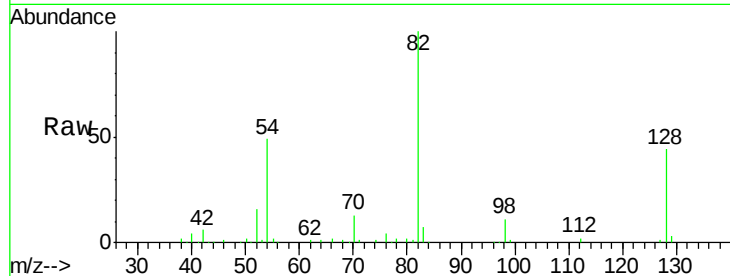




#23
 Nitrobenzene-d5
 Concen: 55.32 ng
 RT: 7.39 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: BF078569.D
 Acq: 16 Apr 2015 16:56

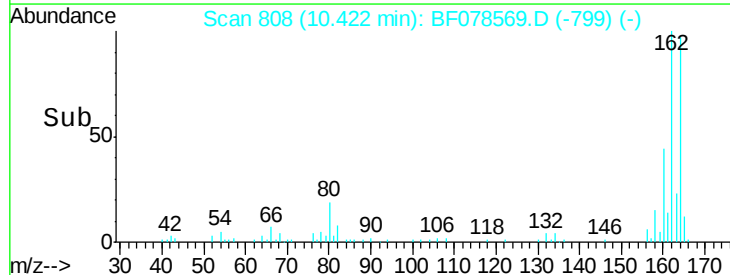
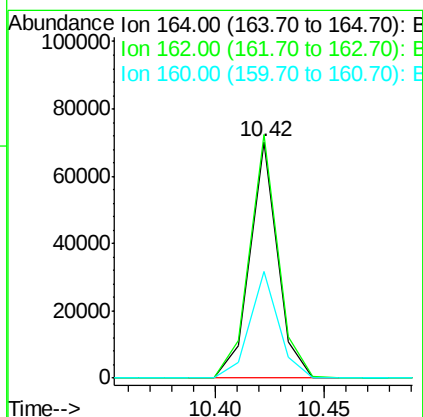
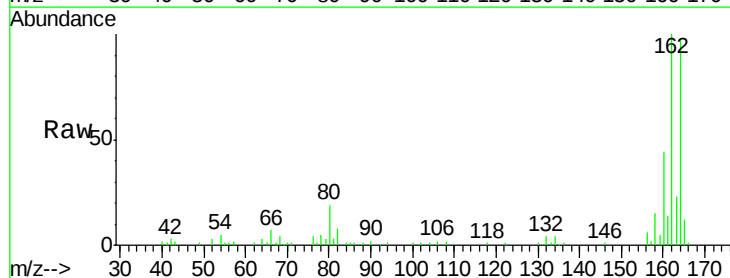
Instrument :
 BNA_F
 ClientSampleId :
 FCI-PCB-COMP

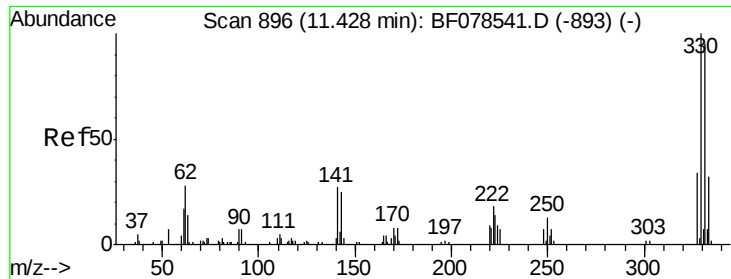
Tgt Ion: 82 Resp: 108870
 Ion Ratio Lower Upper
 82 100
 128 44.2 31.8 47.8
 54 48.6 41.5 62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.42 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF078569.D
 Acq: 16 Apr 2015 16:56

Tgt Ion: 164 Resp: 62265
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.2 123.2
 160 45.2 34.7 52.1

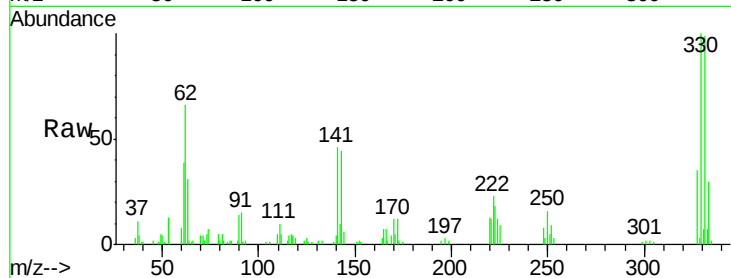




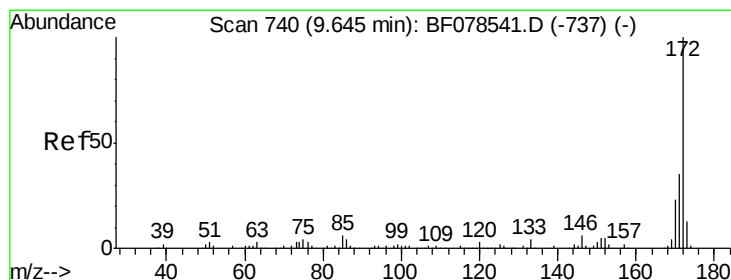
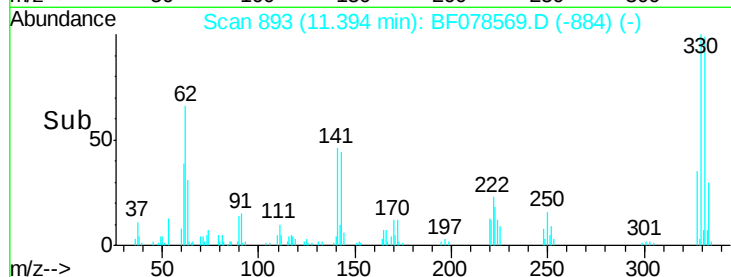
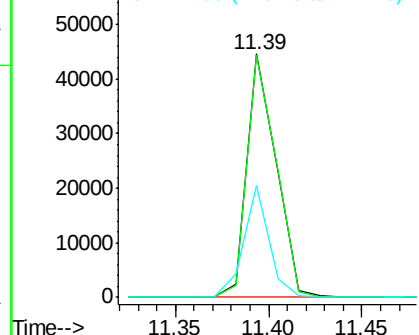
#41
 2,4,6-Tribromophenol
 Concen: 94.80 ng
 RT: 11.39 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF078569.D
 Acq: 16 Apr 2015 16:56

Instrument :
 BNA_F
 ClientSampleId :
 FCI-PCB-COMP

Tgt Ion:330 Resp: 48954
 Ion Ratio Lower Upper
 330 100
 332 99.2 78.6 117.8
 141 39.9 31.2 46.8

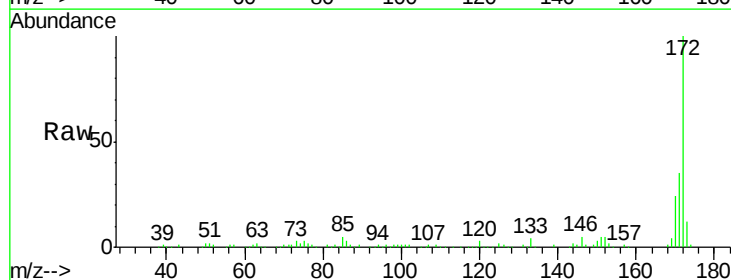


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

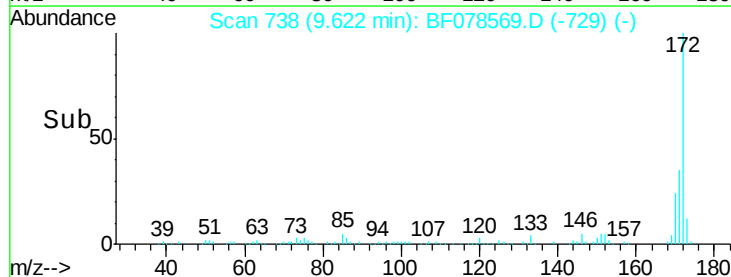
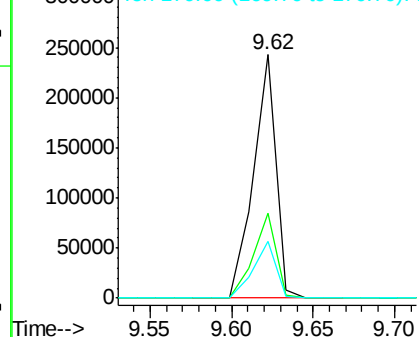


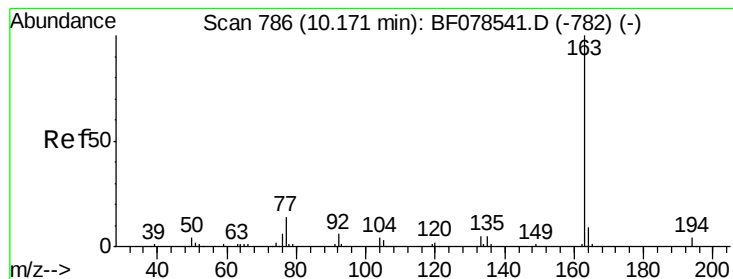
#44
 2-Fluorobiphenyl
 Concen: 53.31 ng
 RT: 9.62 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF078569.D
 Acq: 16 Apr 2015 16:56

Tgt Ion:172 Resp: 232214
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.6 42.8
 170 23.6 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





#49

Dimethylphthalate

Concen: 3.85 ng

RT: 10.14 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF078569.D

Acq: 16 Apr 2015 16:56

Instrument :

BNA_F

ClientSampleId :

FCI-PCB-COMP

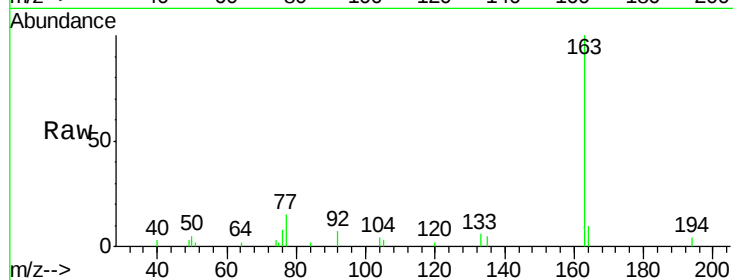
Tgt Ion:163 Resp: 18011

Ion Ratio Lower Upper

163 100

194 3.6 2.3 3.5#

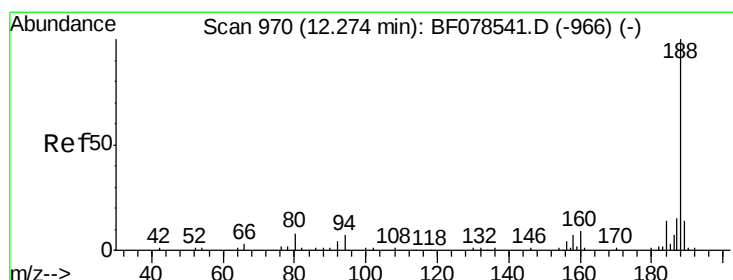
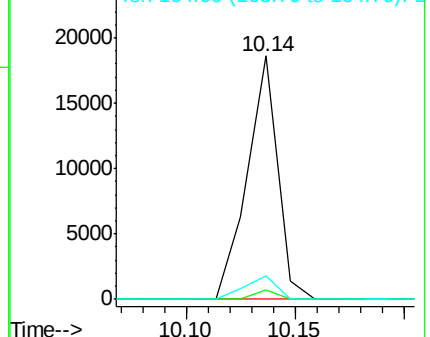
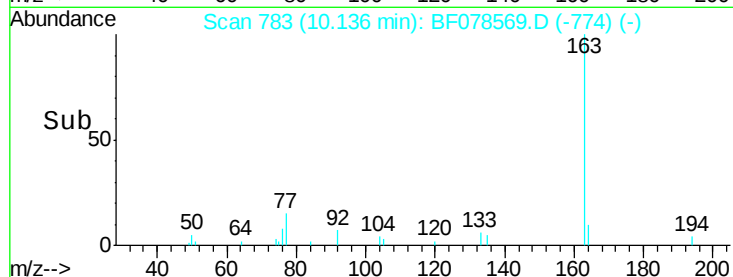
164 9.7 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.24 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF078569.D

Acq: 16 Apr 2015 16:56

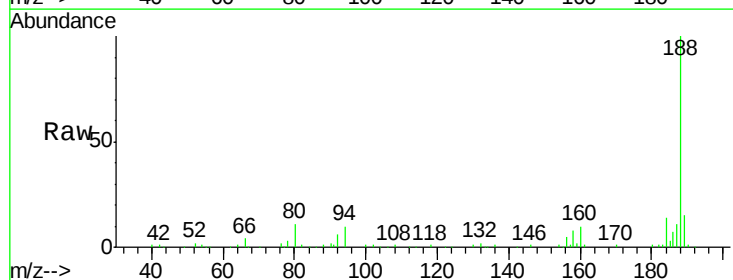
Tgt Ion:188 Resp: 124528

Ion Ratio Lower Upper

188 100

94 10.1 9.0 13.4

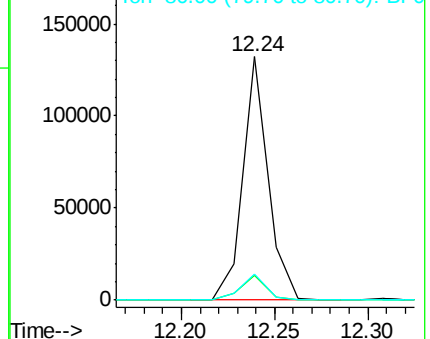
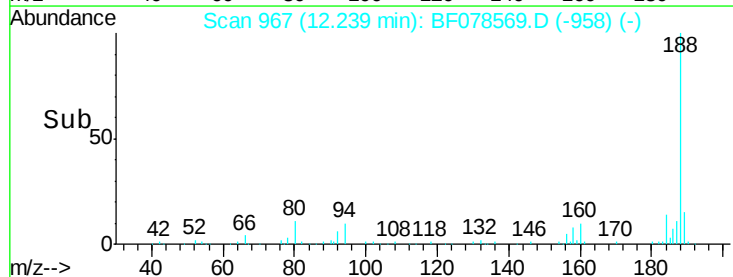
80 10.5 9.5 14.3

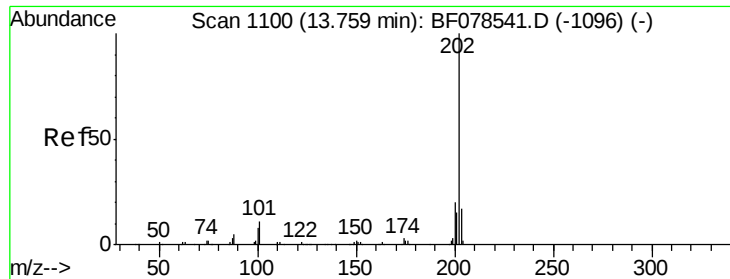


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 2.62 ng

RT: 13.73 min Scan# 1097

Delta R.T. 0.00 min

Lab File: BF078569.D

Acq: 16 Apr 2015 16:56

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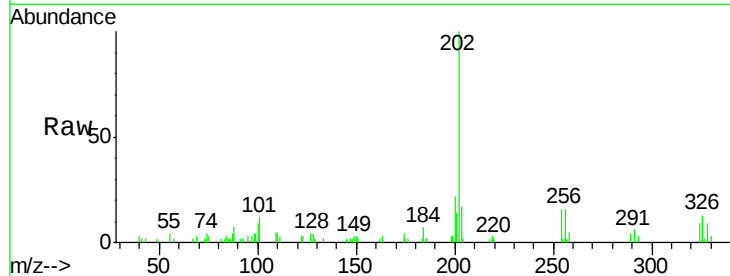
Tgt Ion:202 Resp: 19912

Ion Ratio Lower Upper

202 100

101 12.1 0.0 35.2

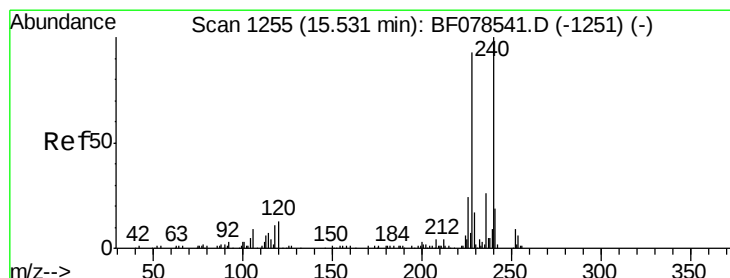
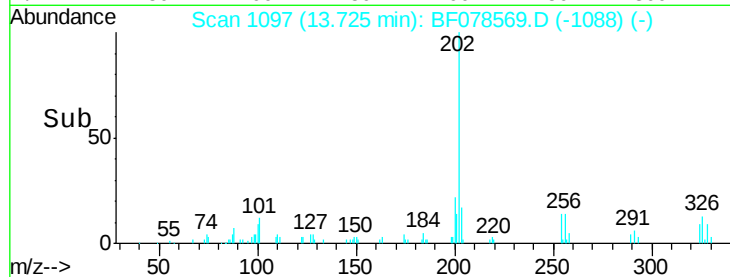
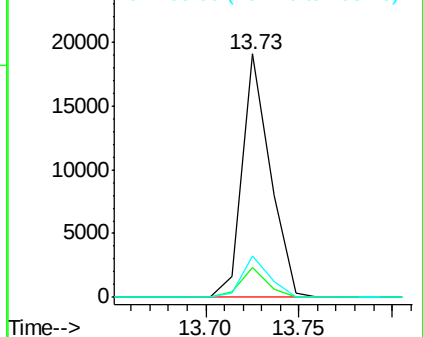
203 16.9 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.49 min Scan# 1251

Delta R.T. 0.00 min

Lab File: BF078569.D

Acq: 16 Apr 2015 16:56

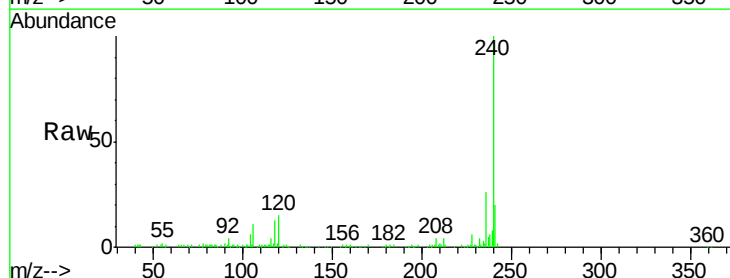
Tgt Ion:240 Resp: 137905

Ion Ratio Lower Upper

240 100

120 14.8 7.1 10.7#

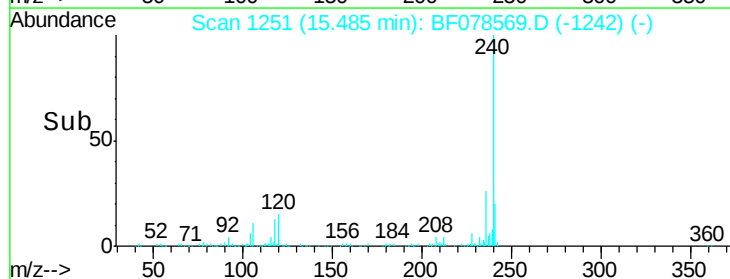
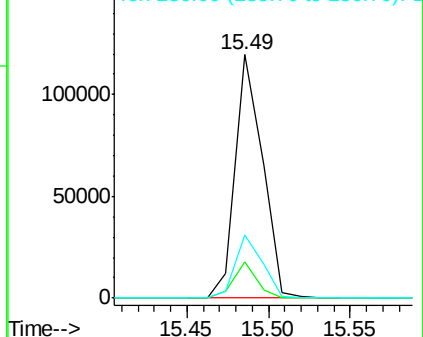
236 25.8 21.4 32.2

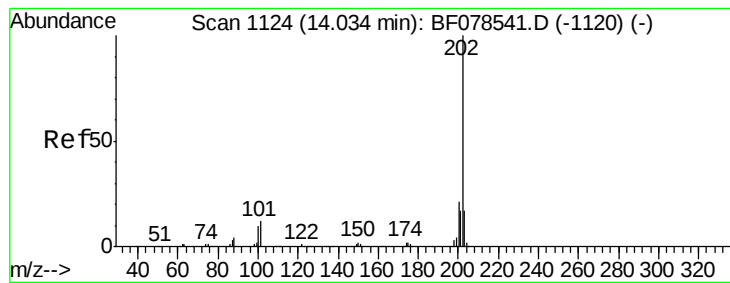


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 2.20 ng

RT: 14.00 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BF078569.D

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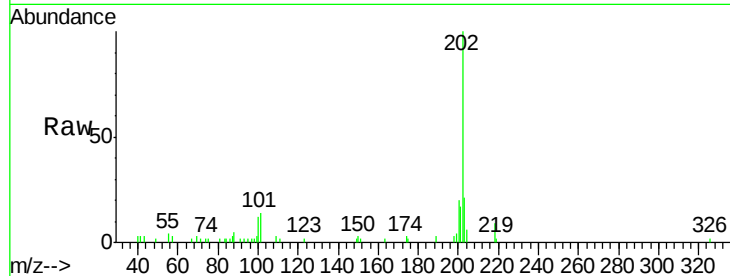
Tgt Ion:202 Resp: 19041

Ion Ratio Lower Upper

202 100

200 20.2 16.3 24.5

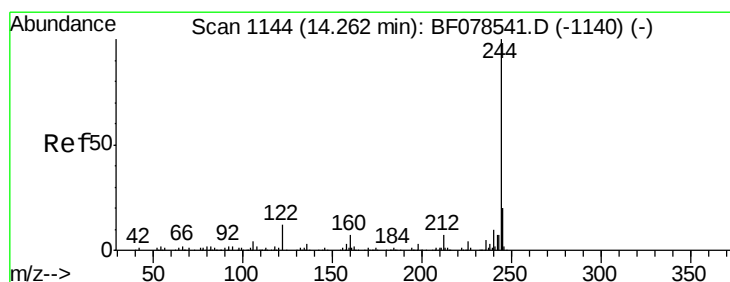
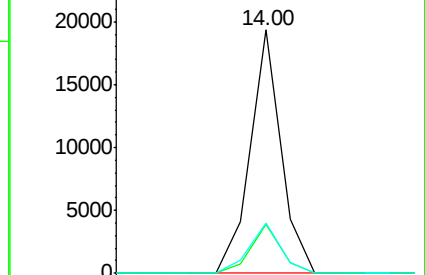
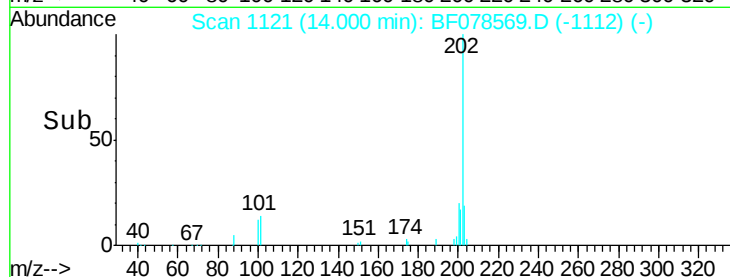
203 20.9 13.8 20.6#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 44.33 ng

RT: 14.23 min Scan# 1141

Delta R.T. 0.00 min

Lab File: BF078569.D

Acq: 16 Apr 2015 16:56

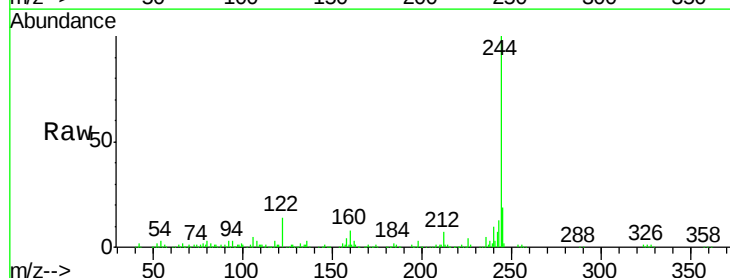
Tgt Ion:244 Resp: 270519

Ion Ratio Lower Upper

244 100

212 7.0 5.0 7.4

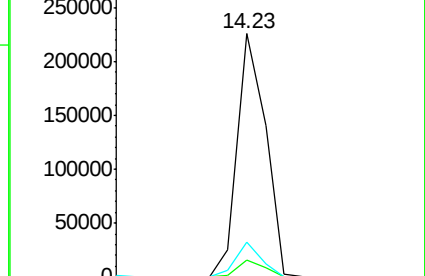
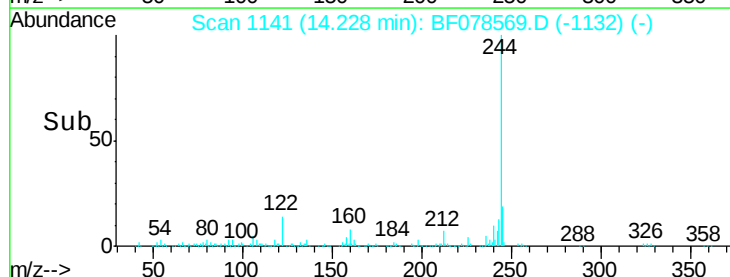
122 14.5 7.1 10.7#

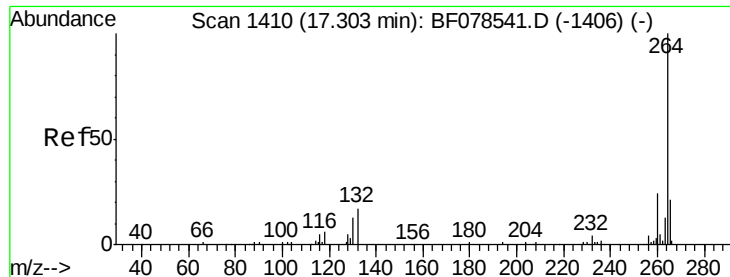


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



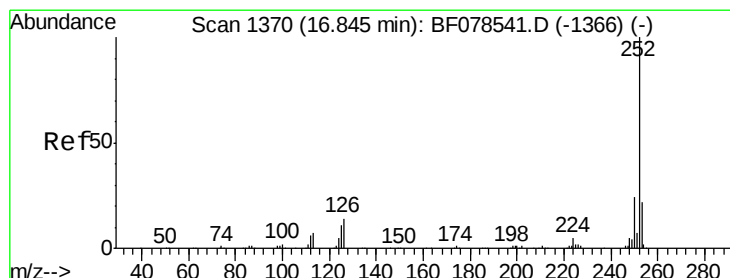
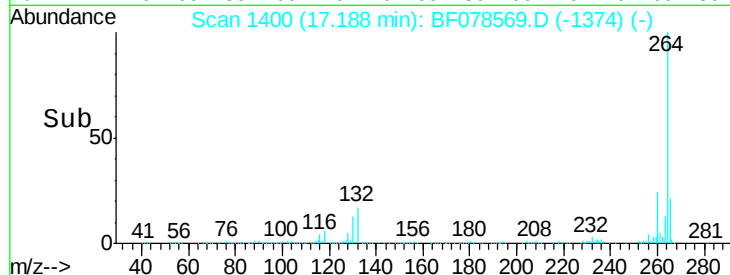
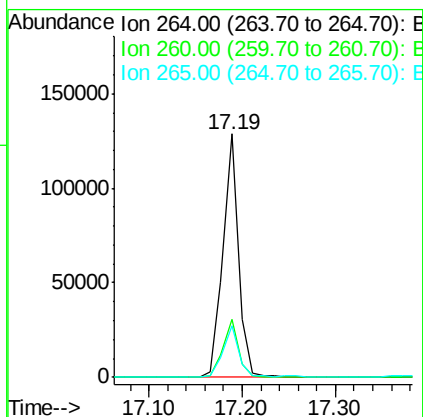
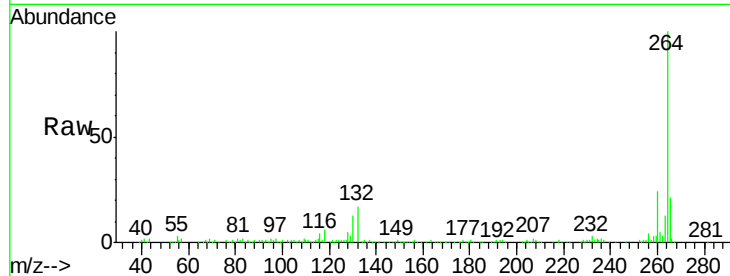


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.19 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF078569.D
Acq: 16 Apr 2015 16:56

Instrument :
BNA_F
ClientSampleId :
FCI-PCB-COMP

Tgt Ion: 264 Resp: 149553

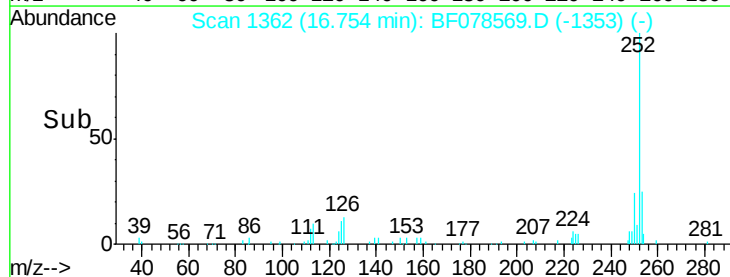
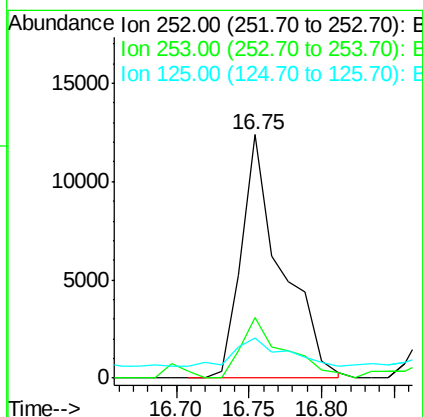
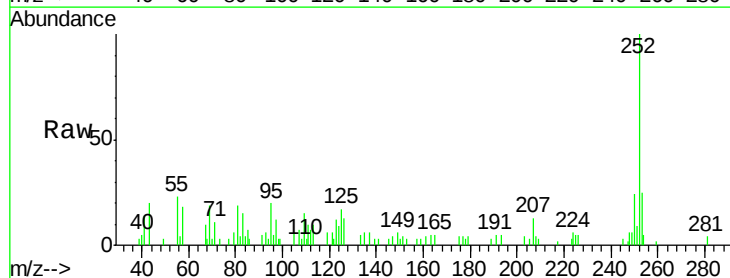
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	21.2	17.0	25.6

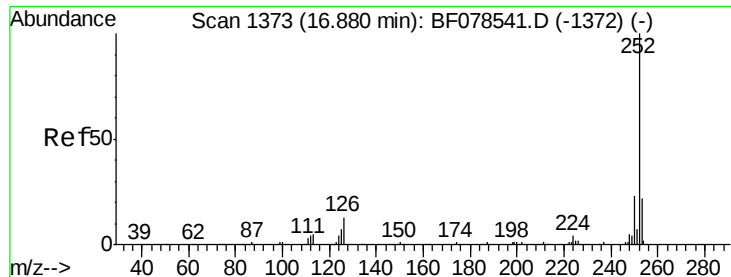


#87
Benzo(b)fluoranthene
Concen: 2.57 ng
RT: 16.75 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF078569.D
Acq: 16 Apr 2015 16:56

Tgt Ion: 252 Resp: 23788

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.2	25.8
125	16.6	7.0	10.4





#88
 Benzo(k)fluoranthene
 Concen: 2.90 ng
 RT: 16.75 min Scan# 1362
 Delta R.T. -0.03 min
 Lab File: BF078569.D
 Acq: 16 Apr 2015 16:56

Instrument :
 BNA_F
 ClientSampleId :
 FCI-PCB-COMP

Tgt Ion: 252 Resp: 23788
 Ion Ratio Lower Upper
 252 100
 253 24.7 17.5 26.3
 125 16.6 11.6 17.4

