

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
 Data File : BF076931.D
 Acq On : 19 Jan 2015 15:58
 Operator : IZ / TP
 Sample : G1101-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-PCB2

Quant Time: Jan 20 00:46:05 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 19 23:54:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	28624	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	121341	20.00	ng	0.00
38) Acenaphthene-d10	15.01	164	68882	20.00	ng	-0.01
63) Phenanthrene-d10	17.77	188	111341	20.00	ng	0.00
75) Chrysene-d12	21.27	240	110780	20.00	ng	0.00
86) Perylene-d12	22.92	264	98576	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	116047	66.66	ng	0.00
7) Phenol-d6	7.36	99	92806	42.26	ng	-0.01
23) Nitrobenzene-d5	9.27	82	204537	93.39	ng	-0.01
41) 2,4,6-Tribromophenol	16.69	330	75925	135.79	ng	0.00
44) 2-Fluorobiphenyl	13.53	172	404353	89.33	ng	0.00
78) Terphenyl-d14	20.00	244	369811	76.85	ng	0.00

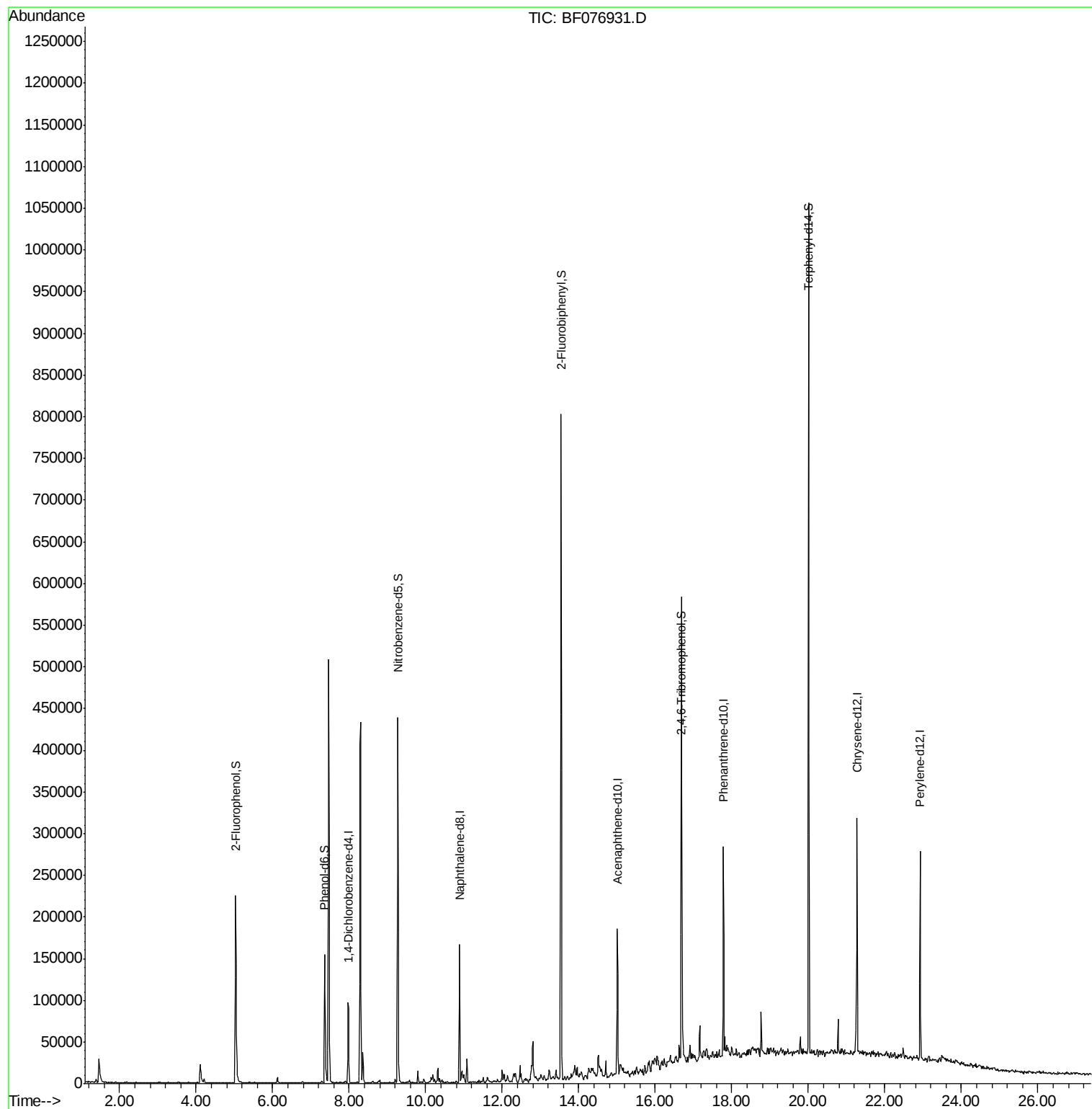
Target Compounds Qvalue

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

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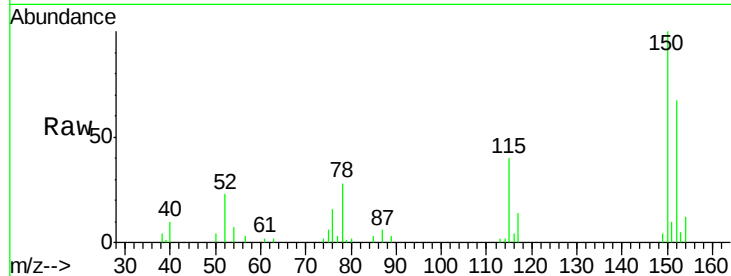


#1

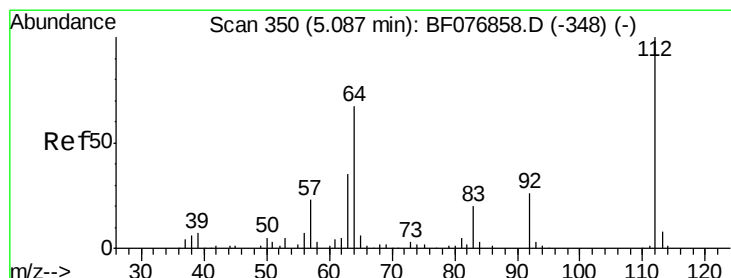
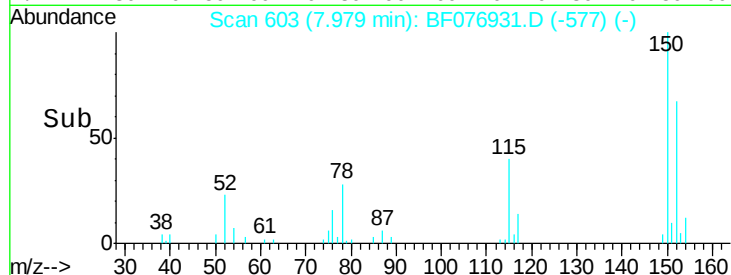
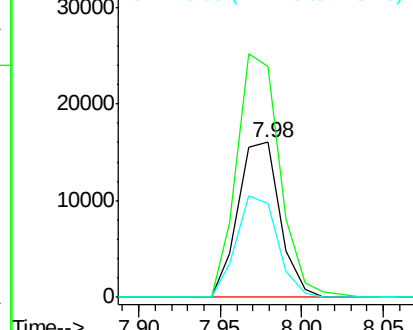
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.98 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF076931.D
Acq: 19 Jan 2015 15:58

Instrument :
BNA_F
ClientSampleId :
TE-PMW-PCB2

Tot Ion:152 Resp: 28624
Ion Ratio Lower Upper
152 100
150 148.8 121.7 182.5
115 60.2 47.0 70.6



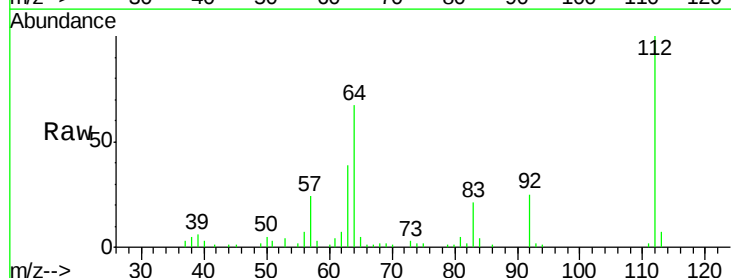
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



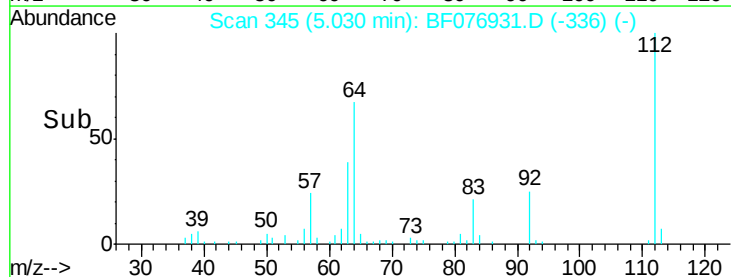
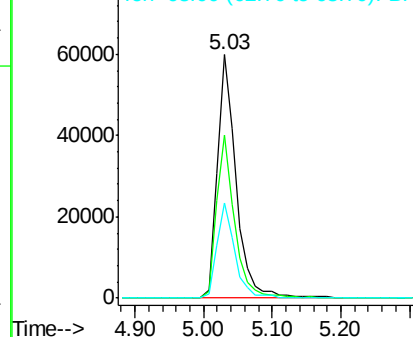
#5

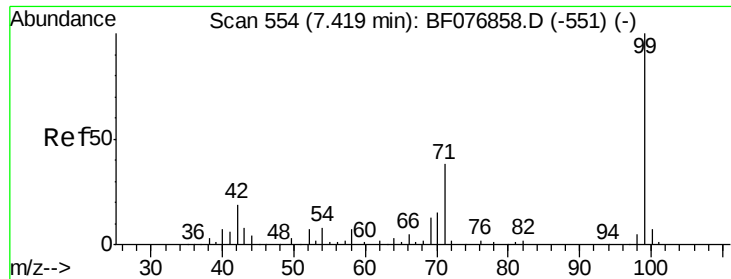
2-Fluorophenol
Concen: 66.66 ng
RT: 5.03 min Scan# 345
Delta R.T. -0.00 min
Lab File: BF076931.D
Acq: 19 Jan 2015 15:58

Tgt Ion:112 Resp: 116047
Ion Ratio Lower Upper
112 100
64 67.2 54.2 81.4
63 38.9 28.4 42.6



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: 42.26 ng

RT: 7.36 min Scan# 549

Delta R.T. -0.01 min

Lab File: BF076931.D

Acq: 19 Jan 2015 15:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW-PCB2

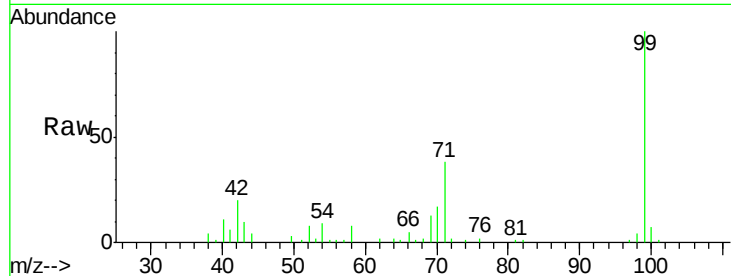
Tot Ion: 99 Resp: 92806

Ion Ratio Lower Upper

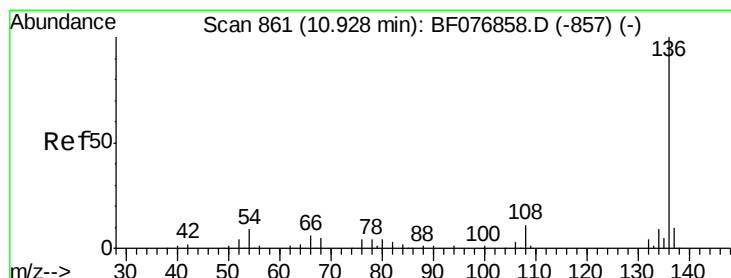
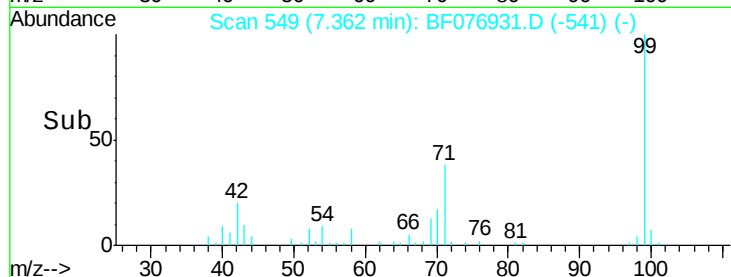
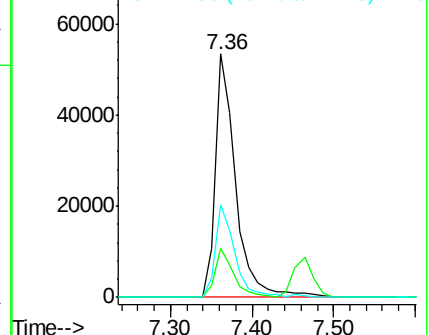
99 100

42 20.1 15.0 22.4

71 38.2 30.5 45.7



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: 10.88 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF076931.D

Acq: 19 Jan 2015 15:58

Tgt Ion: 136 Resp: 121341

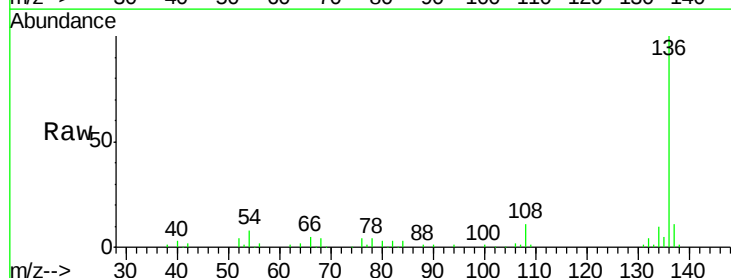
Ion Ratio Lower Upper

136 100

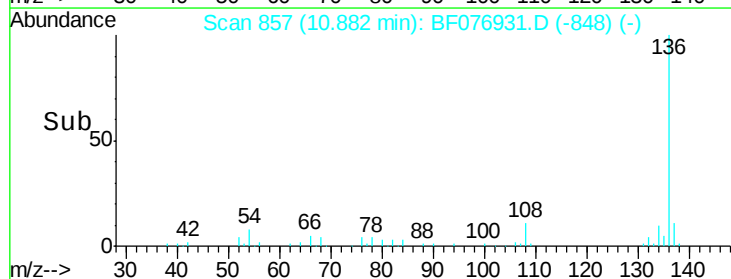
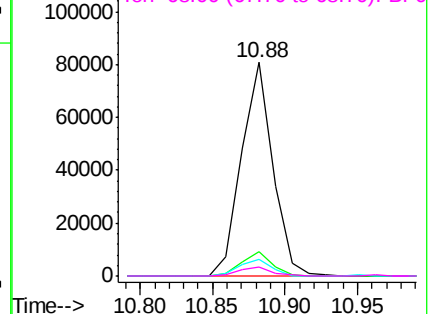
137 11.1 8.1 12.1

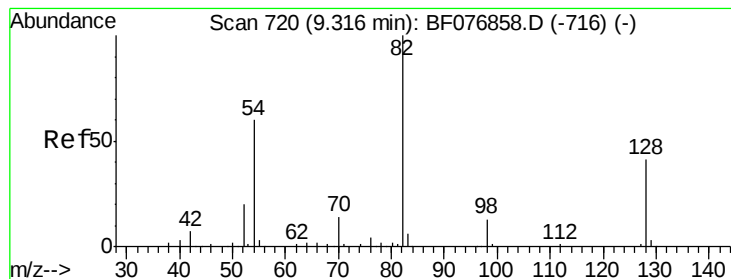
54 8.0 7.0 10.4

68 4.3 3.7 5.5



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: 93.39 ng

RT: 9.27 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF076931.D

Acq: 19 Jan 2015 15:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW-PCB2

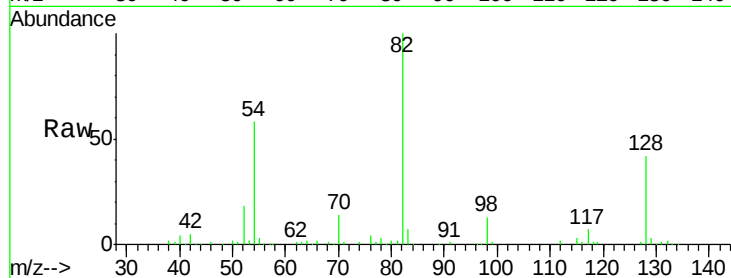
Tot Ion: 82 Resp: 204537

Ion Ratio Lower Upper

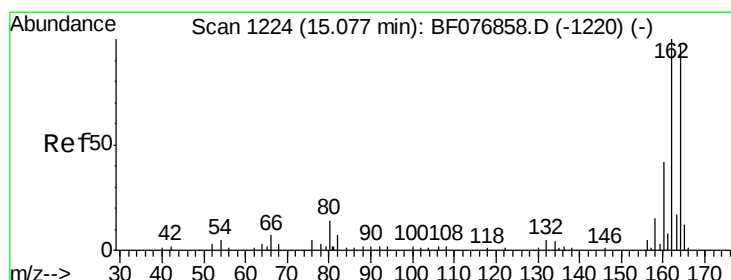
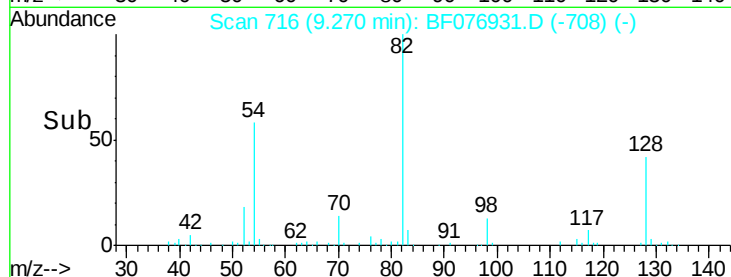
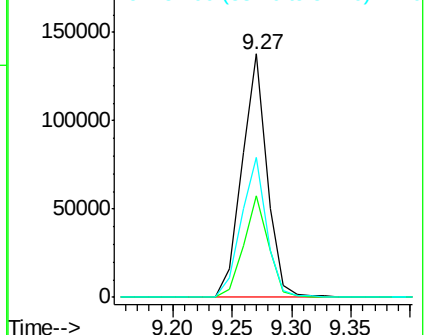
82 100

128 41.7 33.1 49.7

54 57.5 48.3 72.5



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): B



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.01 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF076931.D

Acq: 19 Jan 2015 15:58

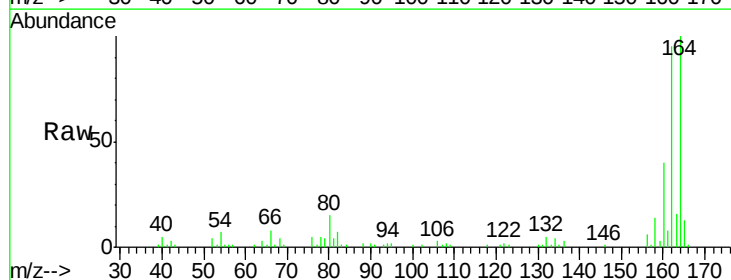
Tgt Ion:164 Resp: 68882

Ion Ratio Lower Upper

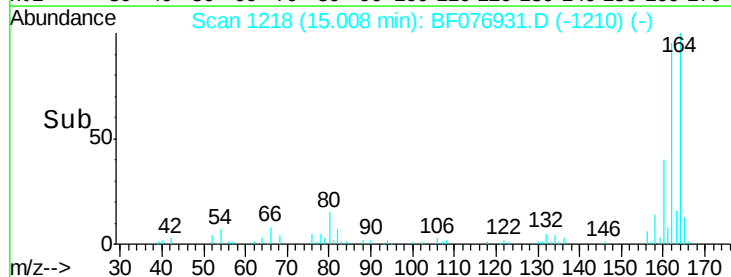
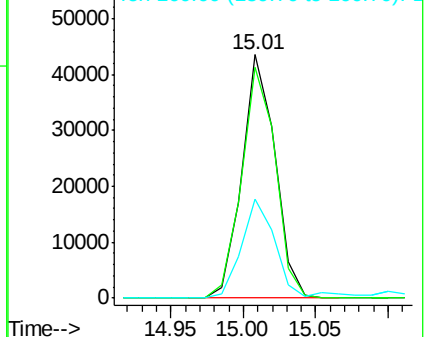
164 100

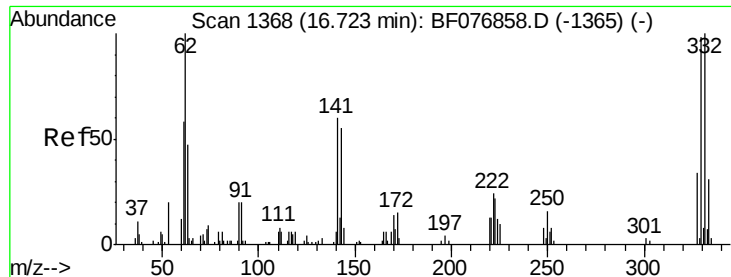
162 94.6 82.4 123.6

160 40.4 34.8 52.2



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

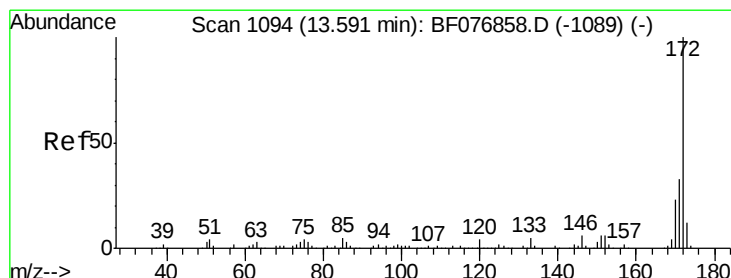
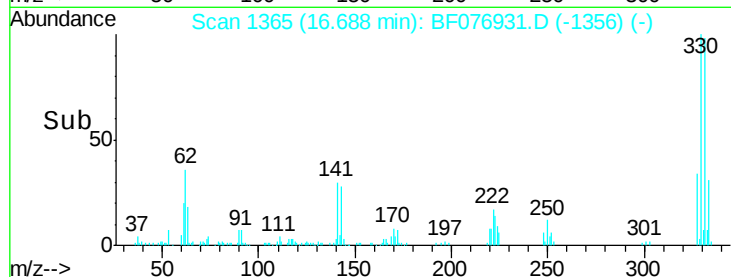
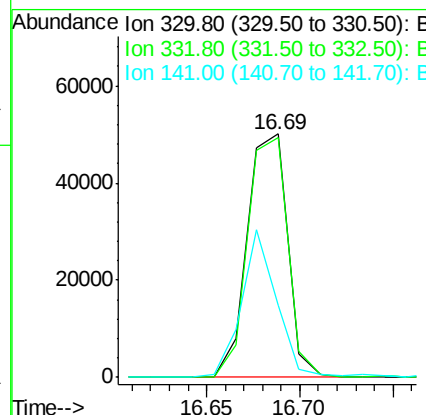
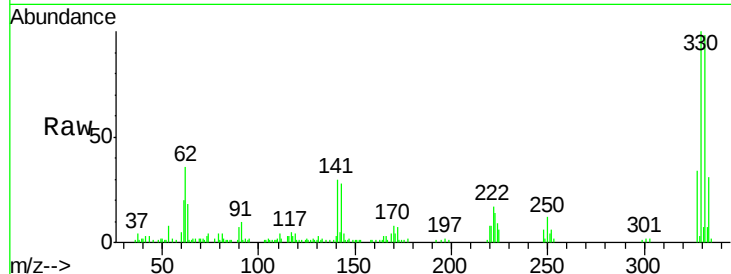




#41
 2,4,6-Tribromophenol
 Concen: 135.79 ng
 RT: 16.69 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: BF076931.D
 Acq: 19 Jan 2015 15:58

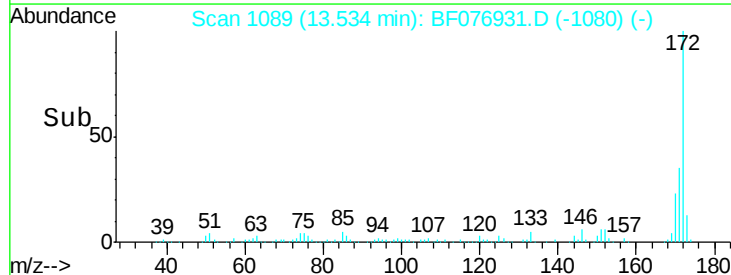
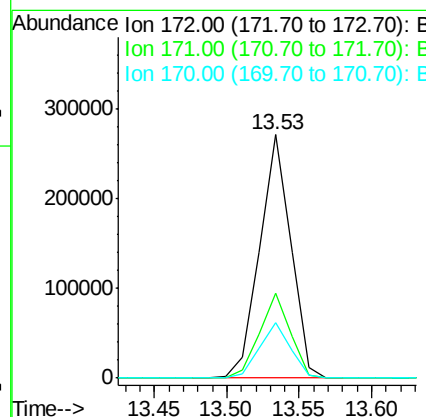
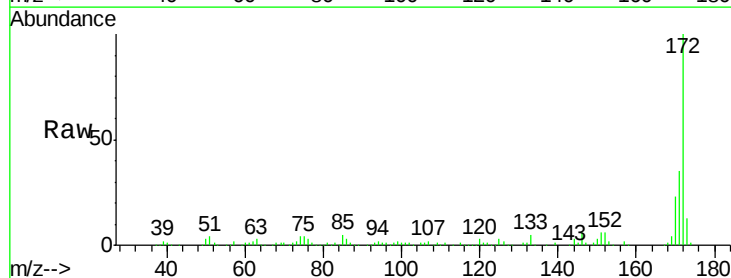
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-PCB2

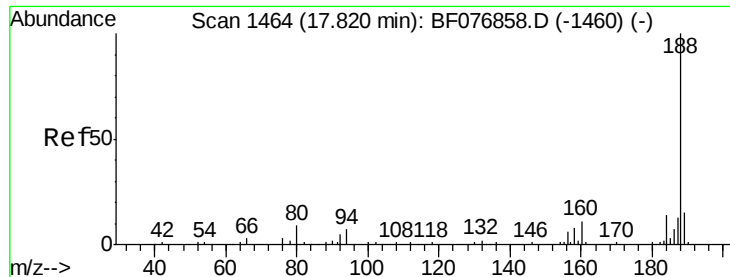
Tot Ion:330 Resp: 75925
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.8 116.6
 141 52.5 38.5 57.7



#44
 2-Fluorobiphenyl
 Concen: 89.33 ng
 RT: 13.53 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: BF076931.D
 Acq: 19 Jan 2015 15:58

Tgt Ion:172 Resp: 404353
 Ion Ratio Lower Upper
 172 100
 171 35.0 26.6 40.0
 170 23.0 18.0 27.0

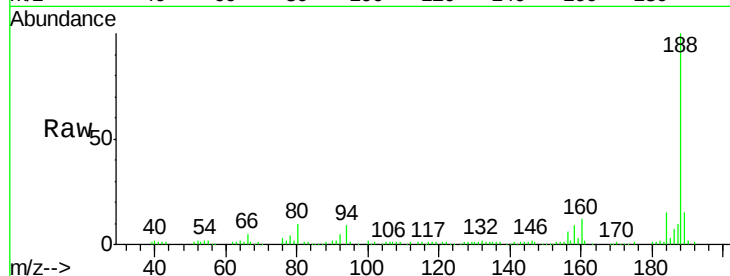




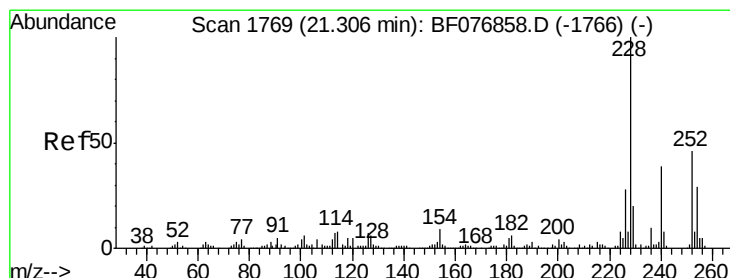
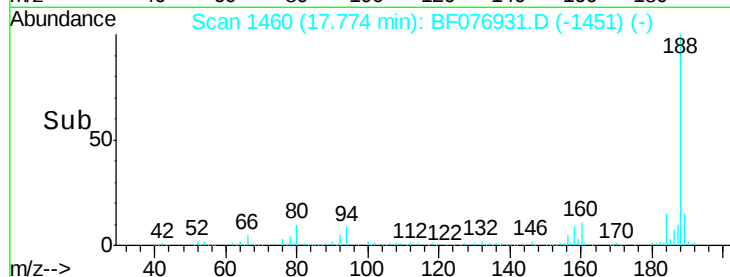
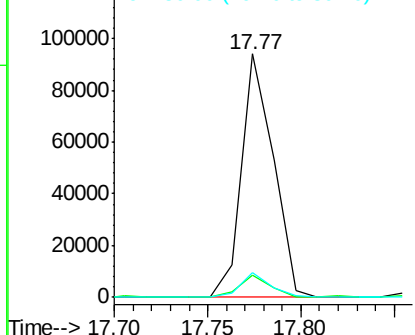
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.77 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF076931.D
Acq: 19 Jan 2015 15:58

Instrument :
BNA_F
ClientSampleId :
TE-PMW-PCB2

Tot Ion:188 Resp: 111341
Ion Ratio Lower Upper
188 100
94 9.2 6.0 9.0#
80 10.4 6.9 10.3#

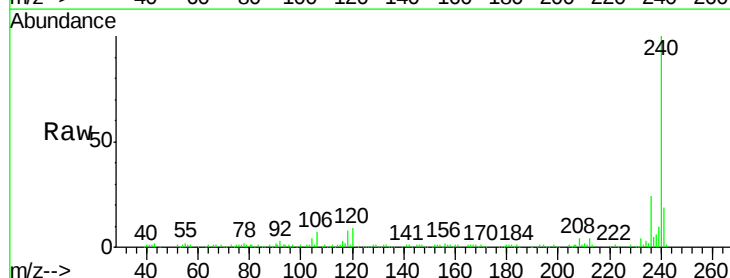


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

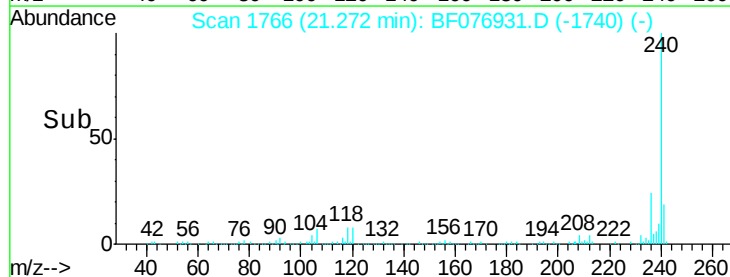
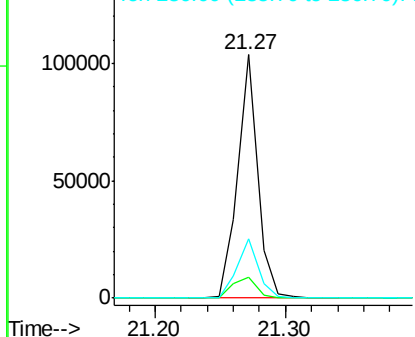


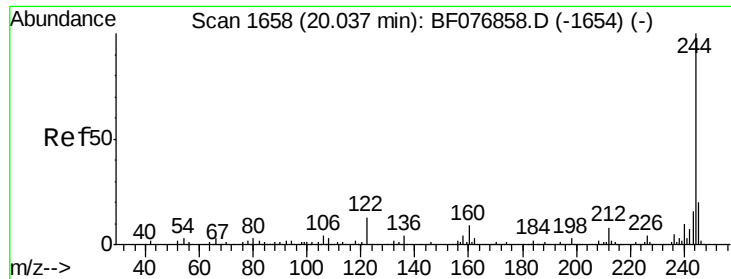
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.27 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BF076931.D
Acq: 19 Jan 2015 15:58

Tgt Ion:240 Resp: 110780
Ion Ratio Lower Upper
240 100
120 8.7 10.4 15.6#
236 24.1 20.2 30.2



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: 76.85 ng

RT: 20.00 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BF076931.D

Acq: 19 Jan 2015 15:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW-PCB2

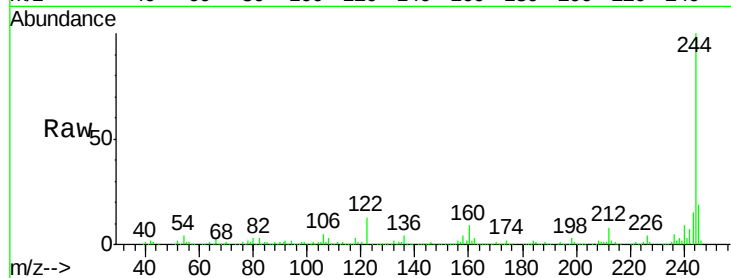
Tot Ion:244 Resp: 369811

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

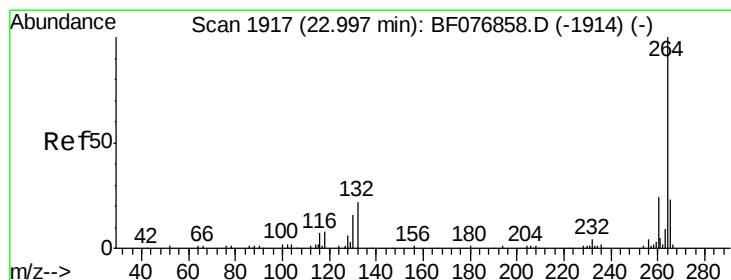
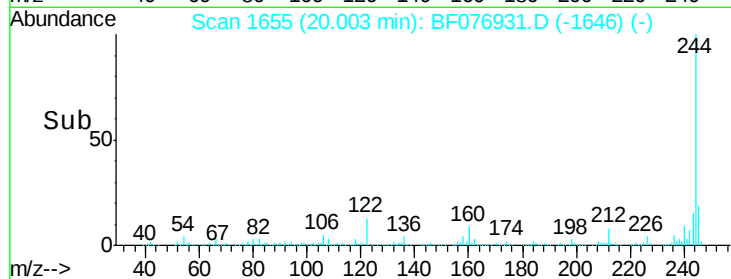
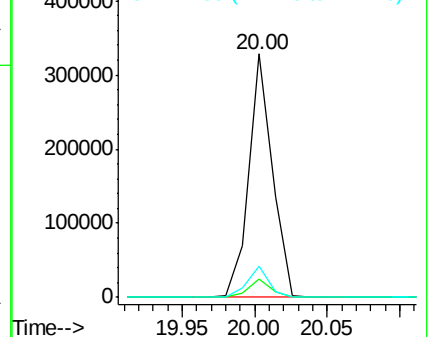
122 13.0 10.1 15.1



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: 22.92 min Scan# 1910

Delta R.T. -0.02 min

Lab File: BF076931.D

Acq: 19 Jan 2015 15:58

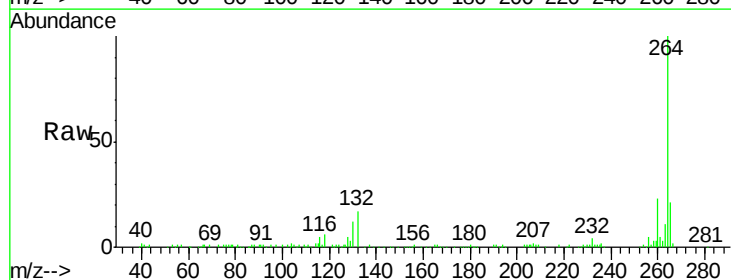
Tgt Ion:264 Resp: 98576

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.4

265 20.9 18.1 27.1



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

