

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
 Data File : BF076951.D
 Acq On : 20 Jan 2015 5:44
 Operator : IZ / TP
 Sample : G1080-07
 Misc : W
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-43

Quant Time: Jan 20 06:36:42 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 20 06:05:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	34344	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	148118	20.00	ng	0.00
38) Acenaphthene-d10	15.01	164	80279	20.00	ng	0.00
63) Phenanthrene-d10	17.77	188	134496	20.00	ng	0.00
75) Chrysene-d12	21.27	240	134359	20.00	ng	0.00
86) Perylene-d12	22.92	264	119273	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	122353	58.57	ng	0.00
7) Phenol-d6	7.38	99	91142	34.59	ng	0.00
23) Nitrobenzene-d5	9.27	82	247732	92.66	ng	0.00
41) 2,4,6-Tribromophenol	16.69	330	91878	140.99	ng	0.00
44) 2-Fluorobiphenyl	13.53	172	486801	92.28	ng	0.00
78) Terphenyl-d14	20.00	244	459058	78.66	ng	0.00

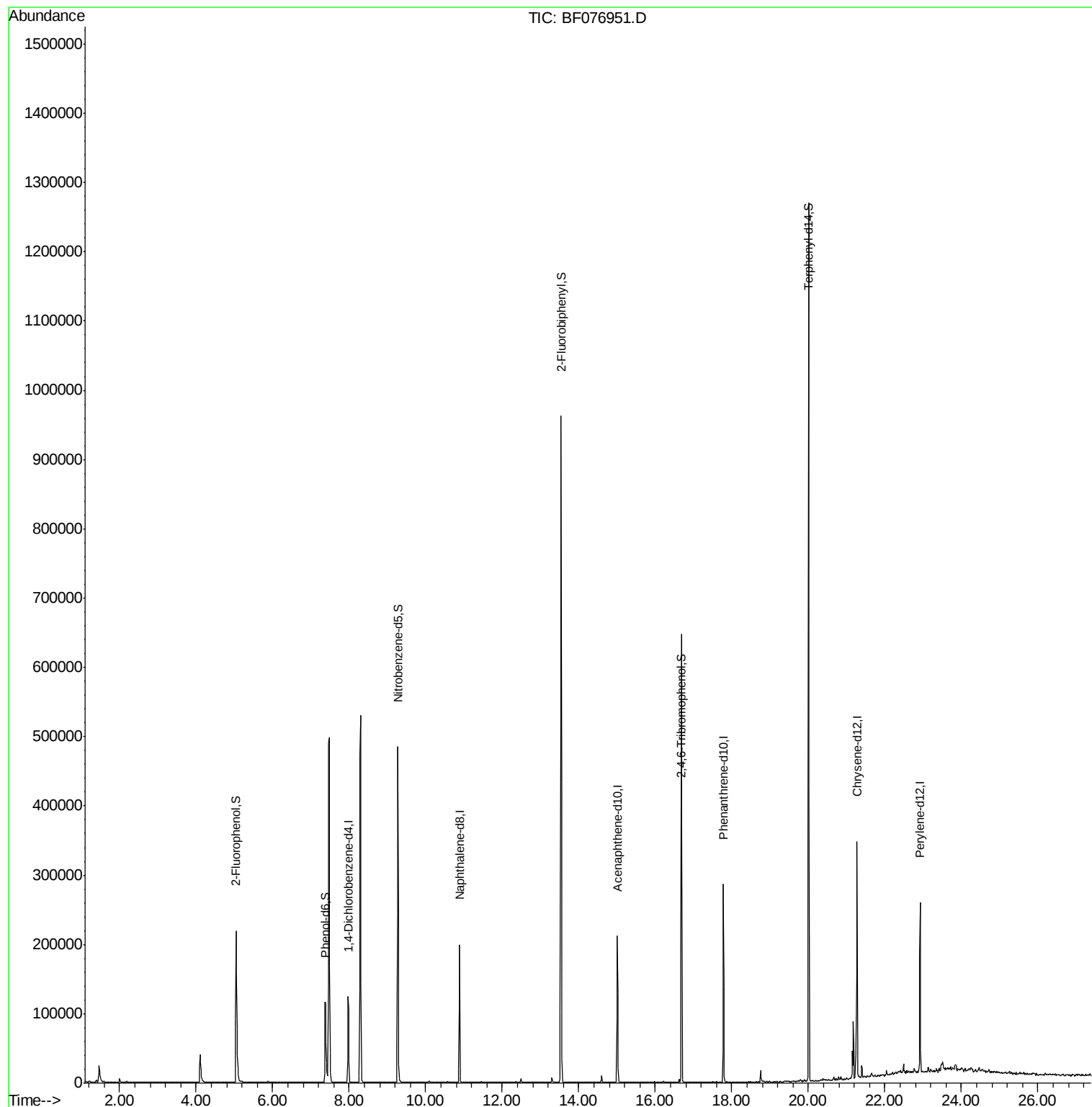
Target Compounds Qvalue

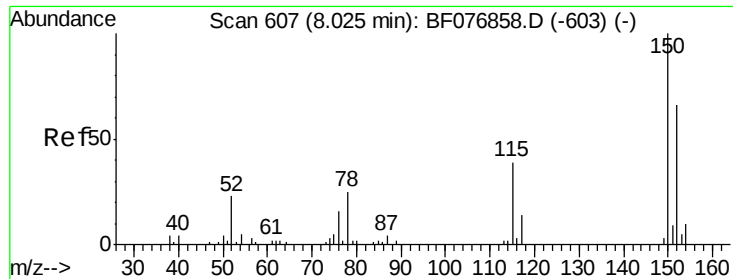
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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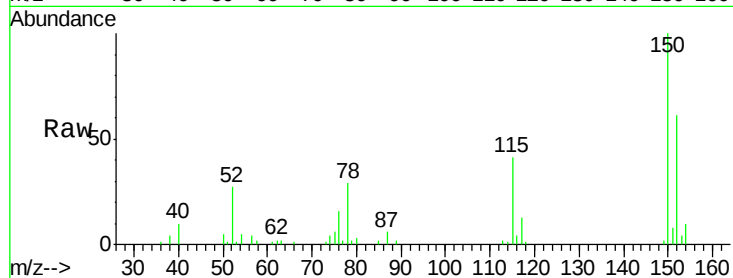


#1

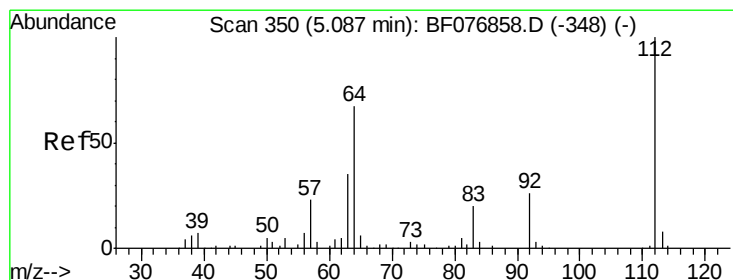
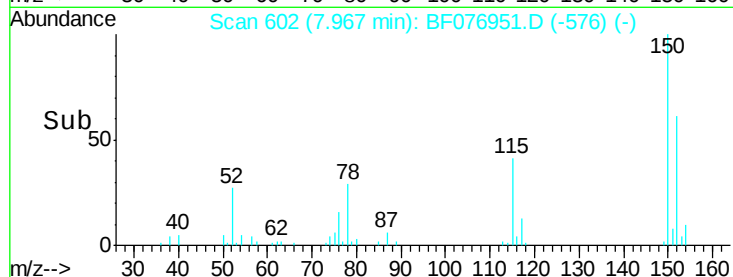
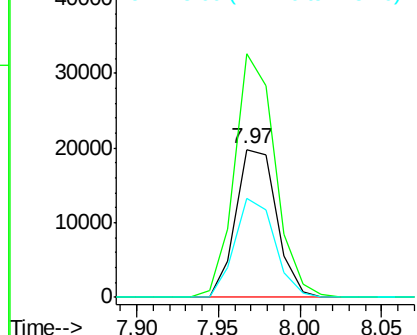
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.97 min Scan# 602
Delta R.T. -0.00 min
Lab File: BF076951.D
Acq: 20 Jan 2015 5:44

Instrument :
BNA_F
ClientSampleId :
TE-PMW-43

Tot Ion:152 Resp: 34344
Ion Ratio Lower Upper
152 100
150 164.4 121.7 182.5
115 66.9 47.0 70.6



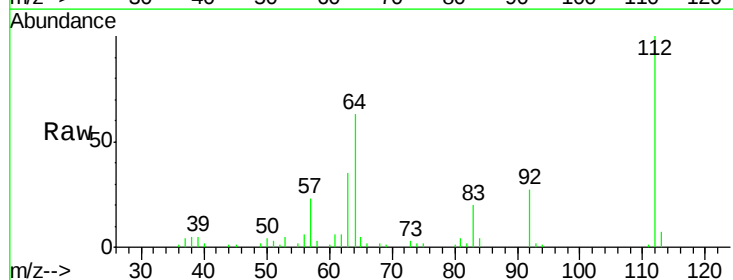
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



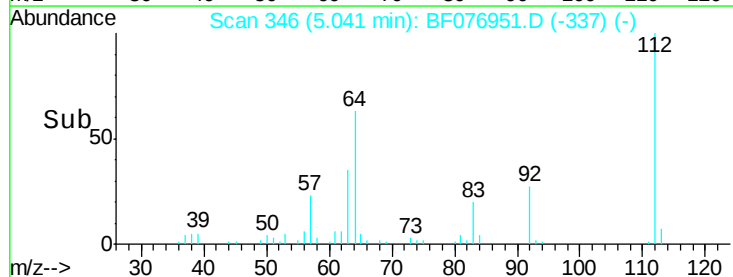
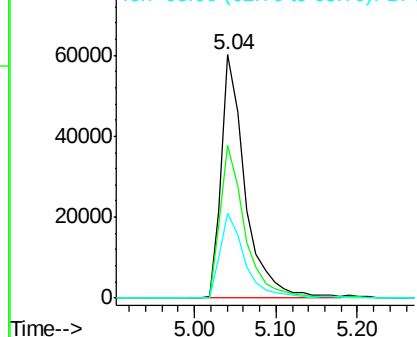
#5

2-Fluorophenol
Concen: 58.57 ng
RT: 5.04 min Scan# 346
Delta R.T. -0.00 min
Lab File: BF076951.D
Acq: 20 Jan 2015 5:44

Tgt Ion:112 Resp: 122353
Ion Ratio Lower Upper
112 100
64 62.9 54.2 81.4
63 34.9 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: 34.59 ng

RT: 7.38 min Scan# 551

Delta R.T. -0.00 min

Lab File: BF076951.D

Acq: 20 Jan 2015 5:44

Instrument :

BNA_F

ClientSampleId :

TE-PMW-43

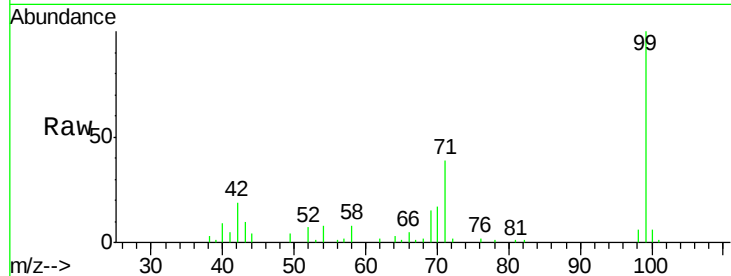
Tot Ion: 99 Resp: 91142

Ion Ratio Lower Upper

99 100

42 18.6 15.0 22.4

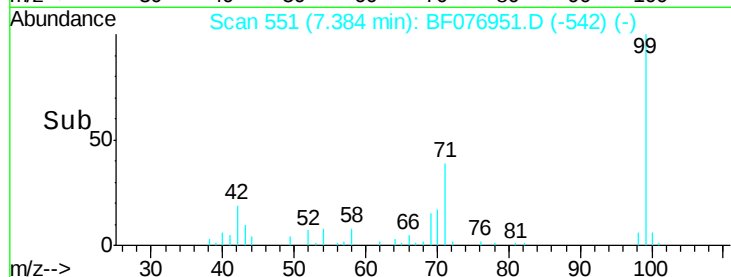
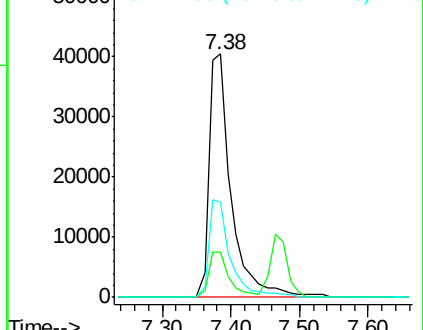
71 39.1 30.5 45.7



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: BF076951.D

Acq: 20 Jan 2015 5:44

Tgt Ion: 136 Resp: 148118

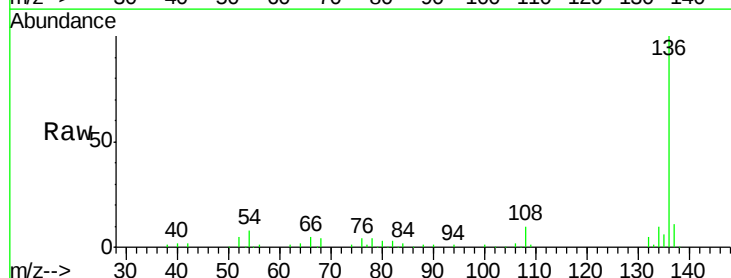
Ion Ratio Lower Upper

136 100

137 11.2 8.1 12.1

54 8.2 7.0 10.4

68 3.7 3.7 5.5

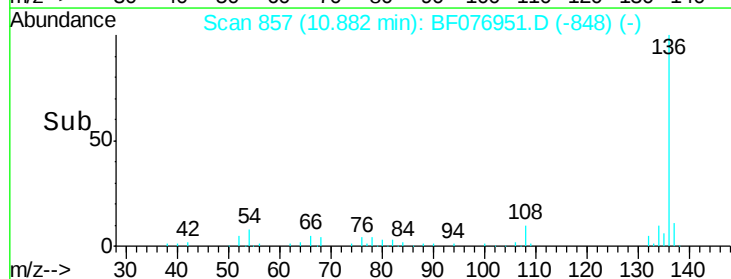
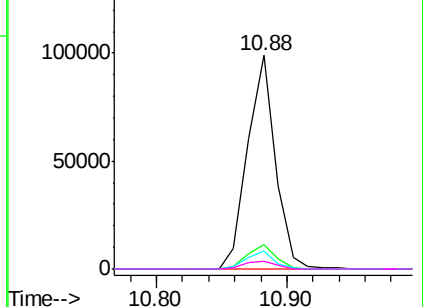


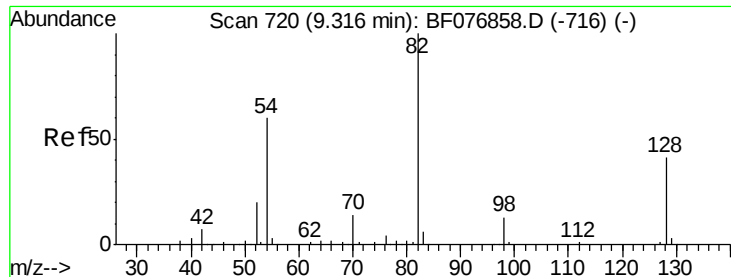
Abundance Ion 136.00 (135.70 to 136.70): E

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

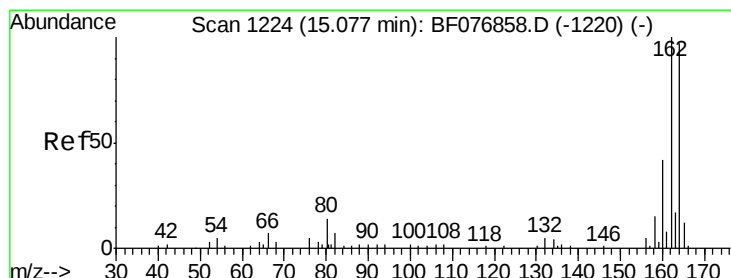
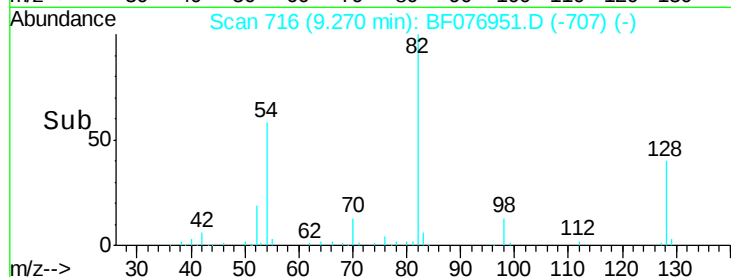
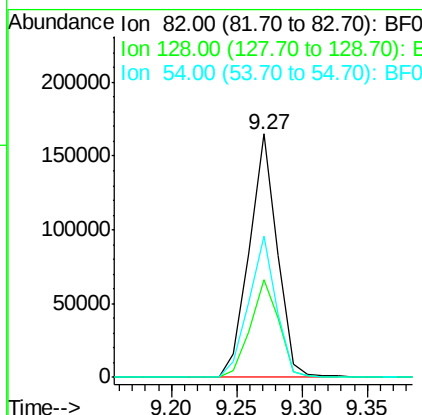
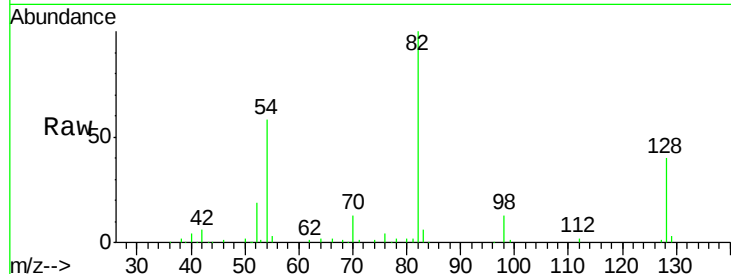




#23
 Nitrobenzene-d5
 Concen: 92.66 ng
 RT: 9.27 min Scan# 716
 Delta R.T. -0.00 min
 Lab File: BF076951.D
 Acq: 20 Jan 2015 5:44

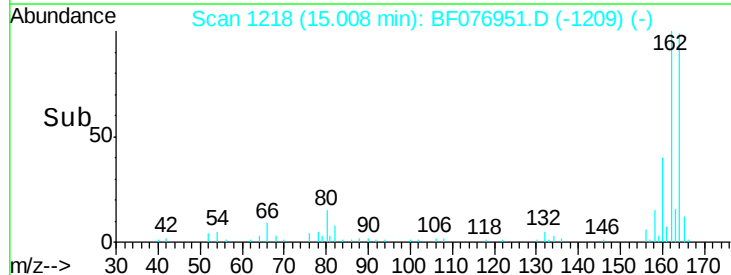
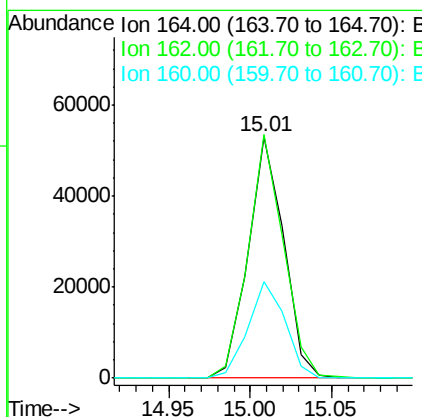
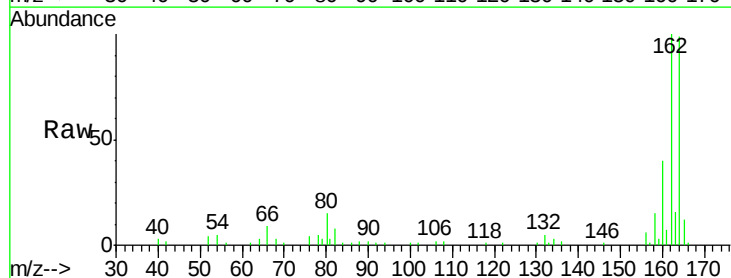
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-43

Tot Ion	82	Resp	247732
Ion Ratio	100	Lower	Upper
128	40.2	33.1	49.7
54	58.2	48.3	72.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF076951.D
 Acq: 20 Jan 2015 5:44

Tgt Ion	164	Resp	80279
Ion Ratio	100	Lower	Upper
162	100.9	82.4	123.6
160	40.0	34.8	52.2

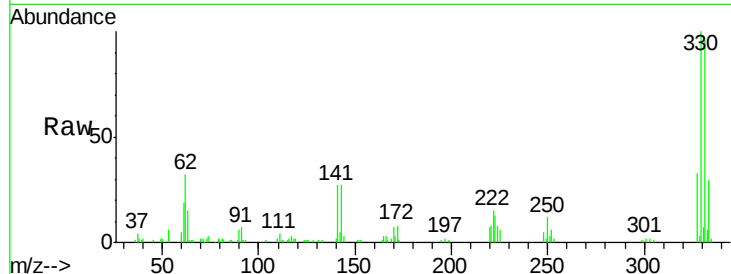




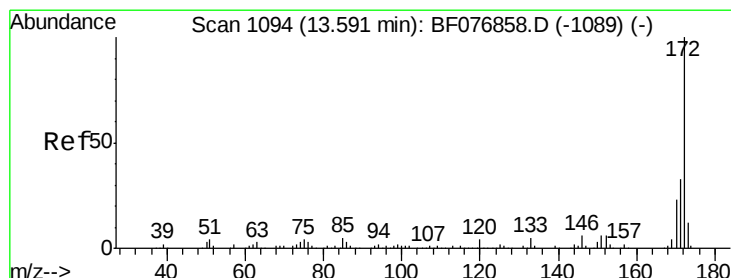
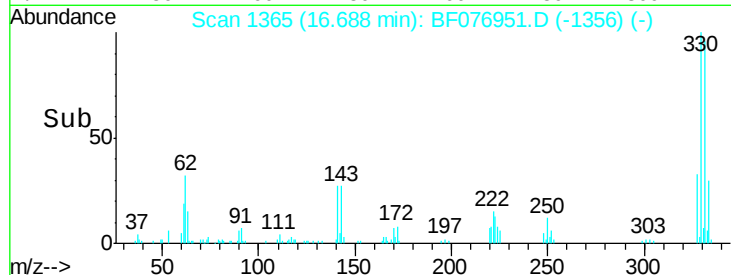
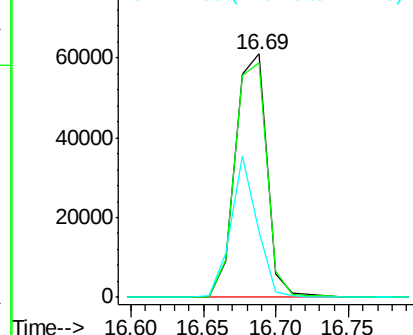
#41
 2,4,6-Tribromophenol
 Concen: 140.99 ng
 RT: 16.69 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: BF076951.D
 Acq: 20 Jan 2015 5:44

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-43

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.8	116.6
141	48.6	38.5	57.7

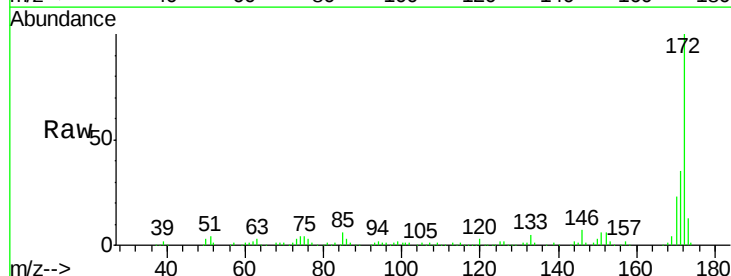


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

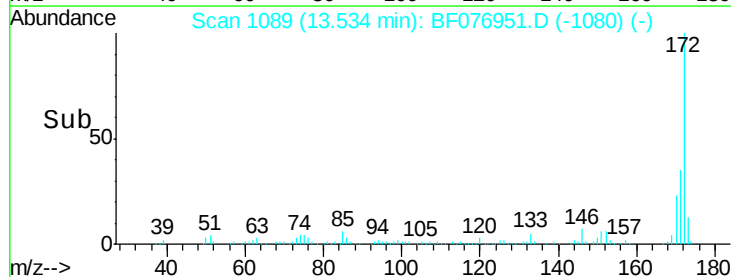
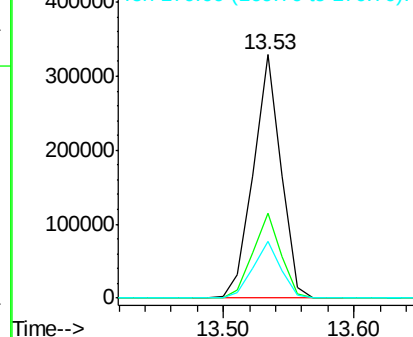


#44
 2-Fluorobiphenyl
 Concen: 92.28 ng
 RT: 13.53 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: BF076951.D
 Acq: 20 Jan 2015 5:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	26.6	40.0
170	23.4	18.0	27.0



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

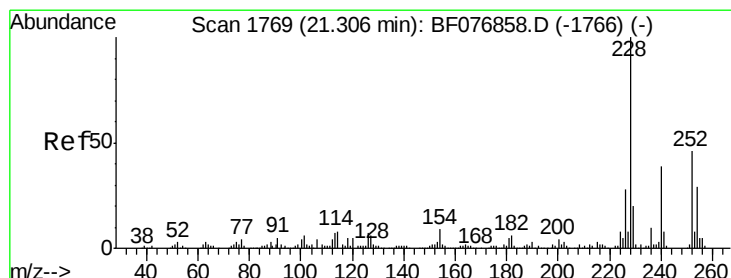
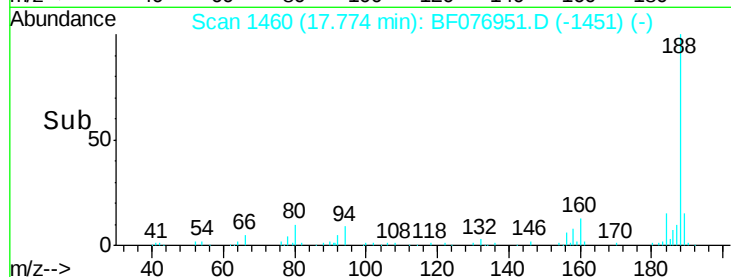
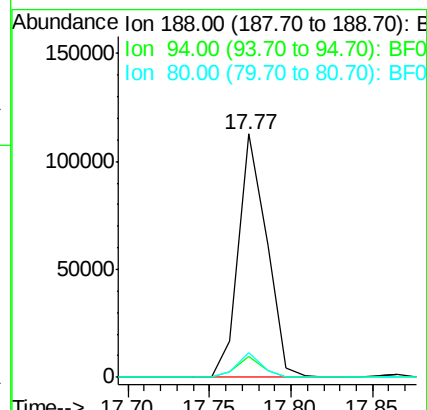
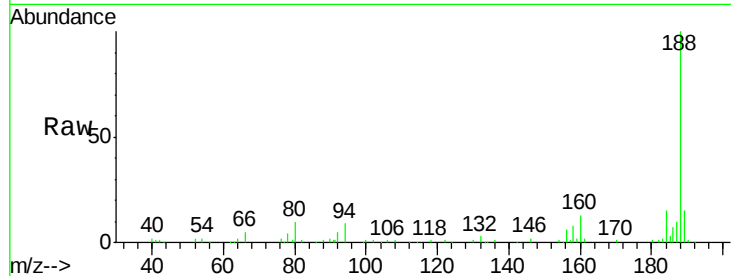




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.77 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF076951.D
 Acq: 20 Jan 2015 5:44

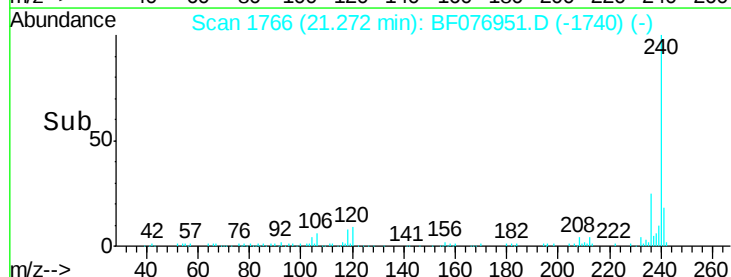
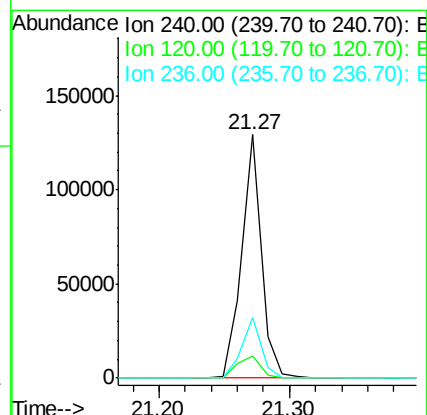
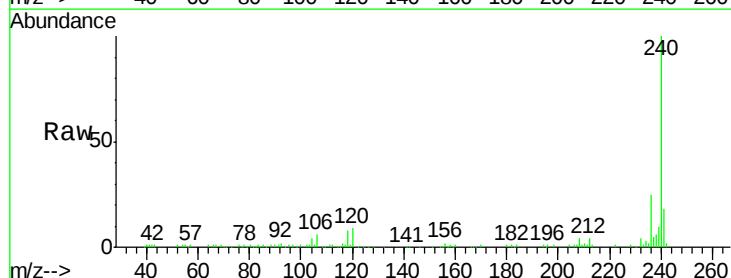
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-43

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.0	9.0
80	10.3	6.9	10.3



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.27 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BF076951.D
 Acq: 20 Jan 2015 5:44

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.9	10.4	15.6#
236	25.0	20.2	30.2





#78

Terphenyl-d14

Concen: 78.66 ng

RT: 20.00 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BF076951.D

Acq: 20 Jan 2015 5:44

Instrument :

BNA_F

ClientSampleId :

TE-PMW-43

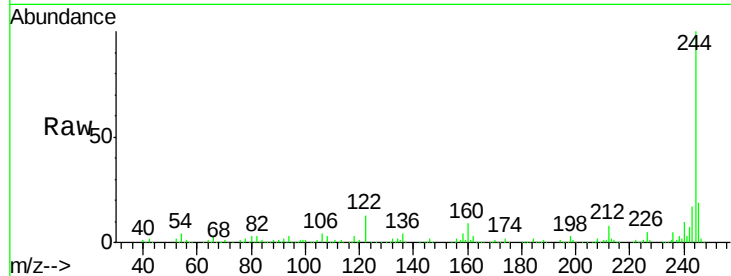
Tot Ion:244 Resp: 459058

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

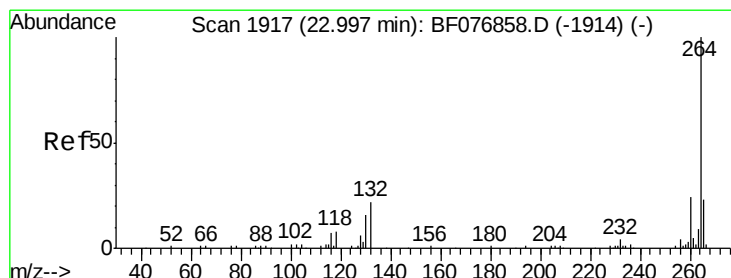
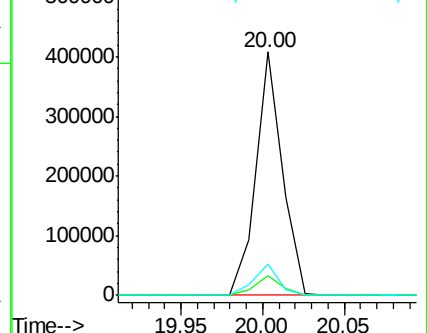
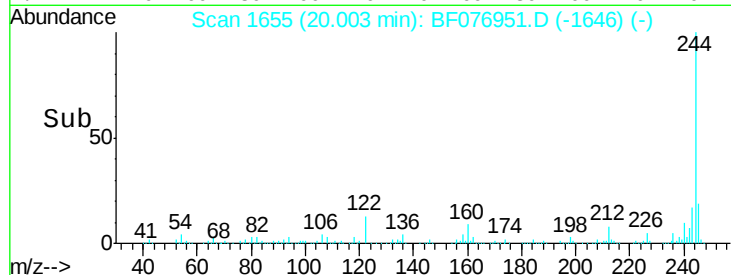
122 12.8 10.1 15.1



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. -0.00 min

Lab File: BF076951.D

Acq: 20 Jan 2015 5:44

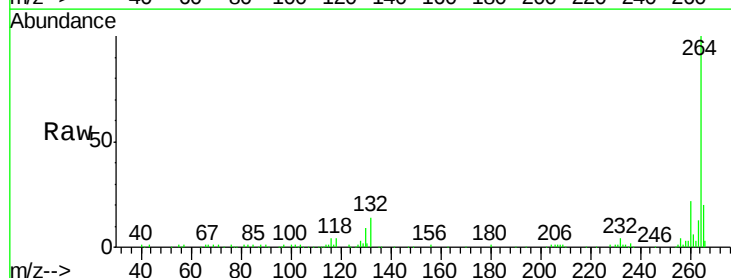
Tgt Ion:264 Resp: 119273

Ion Ratio Lower Upper

264 100

260 22.1 19.0 28.4

265 20.2 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

