

Data Path : Z:\HPCHEM1\BNA F\Data\BF011615\
 Data File : BF076913.D
 Acq On : 16 Jan 2015 17:55
 Operator : IZ / TP
 Sample : PB81350TB
 Misc : W
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 22:36:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 16 21:57:04 2015
 Response via : Initial Calibration

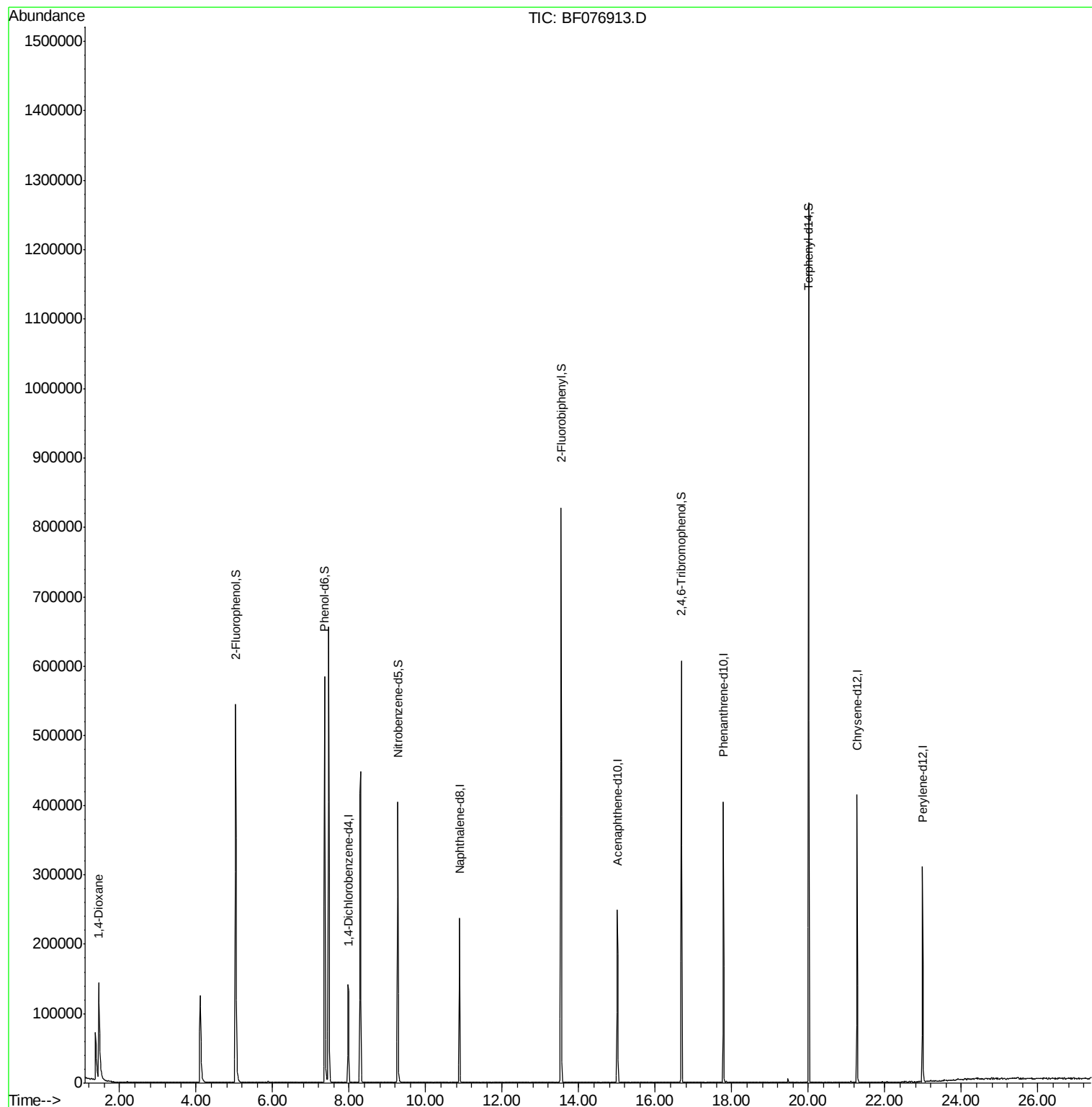
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	41113	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	176720	20.00	ng	0.00
38) Acenaphthene-d10	15.01	164	98121	20.00	ng	-0.01
63) Phenanthrene-d10	17.77	188	179856	20.00	ng	0.00
75) Chrysene-d12	21.27	240	172117	20.00	ng	0.00
86) Perylene-d12	22.99	264	147174	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	271153	108.44	ng	-0.01
7) Phenol-d6	7.36	99	334693	106.10	ng	-0.01
23) Nitrobenzene-d5	9.27	82	204041	63.97	ng	-0.01
41) 2,4,6-Tribromophenol	16.68	330	82991	104.20	ng	-0.01
44) 2-Fluorobiphenyl	13.53	172	434614	67.41	ng	0.00
78) Terphenyl-d14	20.00	244	460210	61.56	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.45	88	6341	5.92	ng	Qvalue # 12

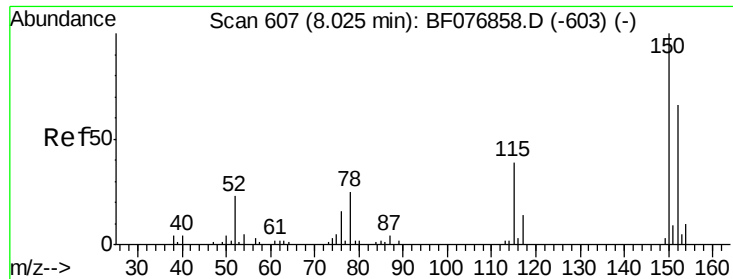
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF011615\
Data File : BF076913.D
Acq On : 16 Jan 2015 17:55
Operator : IZ / TP
Sample : PB81350TB
Misc : W
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 16 22:36:15 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 16 21:57:04 2015
Response via : Initial Calibration



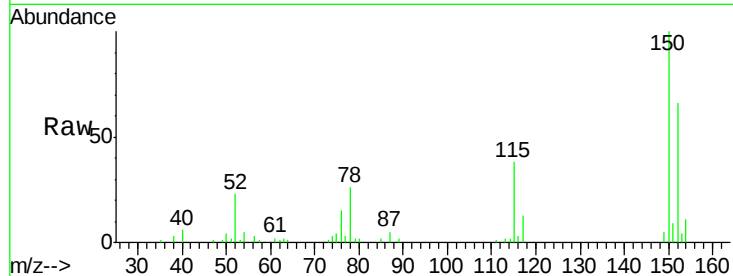


#1

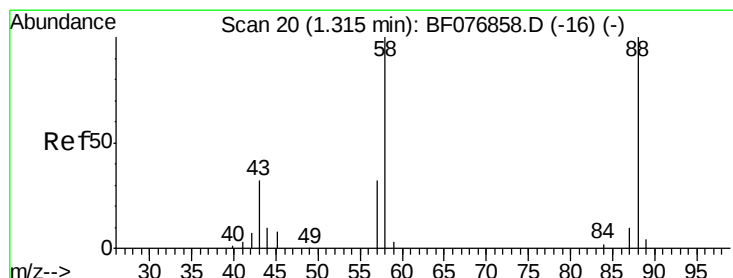
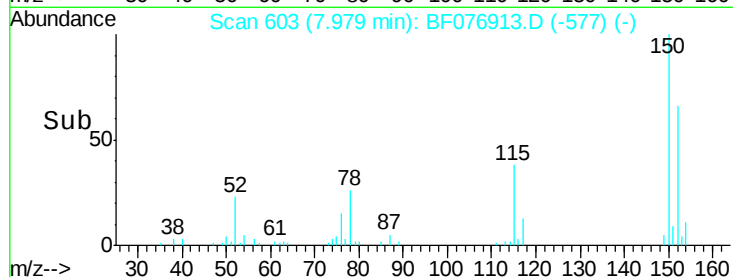
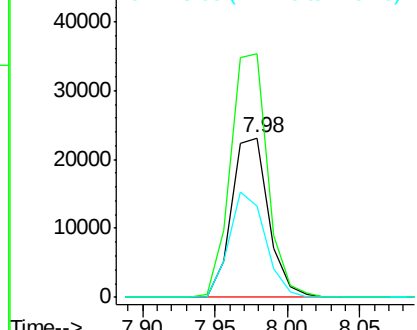
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.98 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF076913.D
Acq: 16 Jan 2015 17:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 41113
Ion Ratio Lower Upper
152 100
150 152.6 121.7 182.5
115 57.2 47.0 70.6



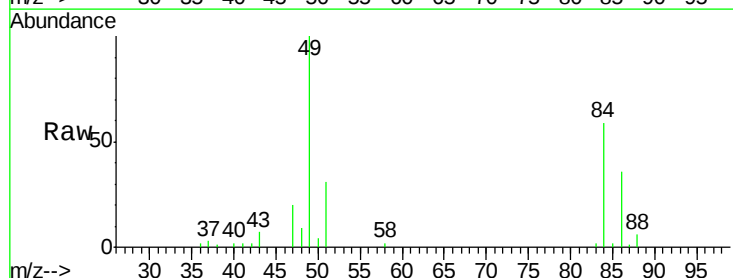
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



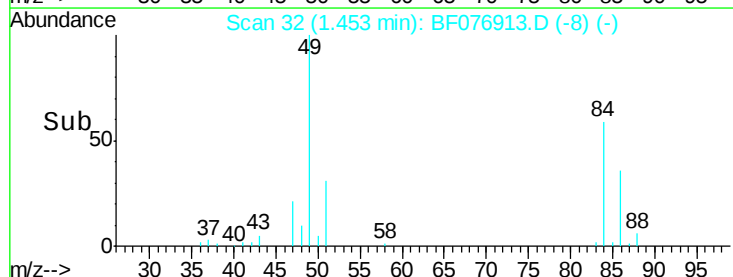
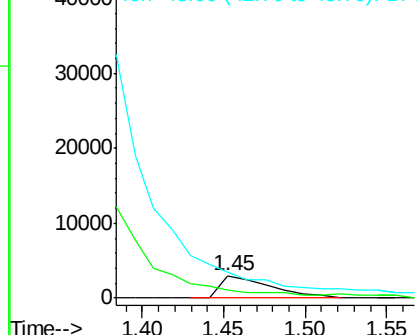
#2

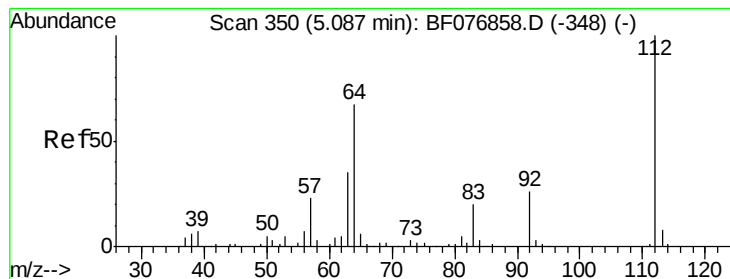
1,4-Dioxane
Concen: 5.92 ng
RT: 1.45 min Scan# 32
Delta R.T. 0.17 min
Lab File: BF076913.D
Acq: 16 Jan 2015 17:55

Tgt Ion: 88 Resp: 6341
Ion Ratio Lower Upper
88 100
58 0.0 77.0 115.4#
43 0.0 25.6 38.4#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 108.44 ng

RT: 5.03 min Scan# 345

Delta R.T. -0.01 min

Lab File: BF076913.D

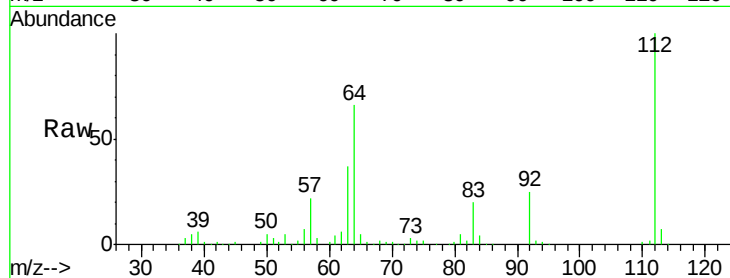
Acq: 16 Jan 2015 17:55

Instrument :

BNA_F

ClientSampleId :

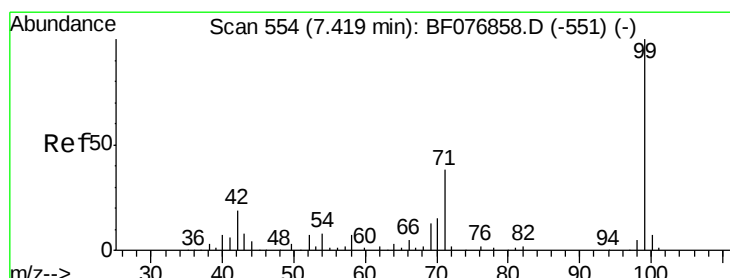
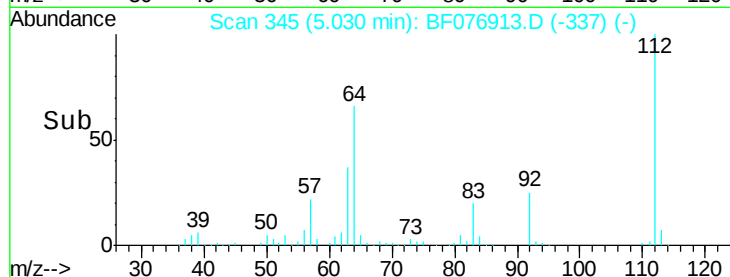
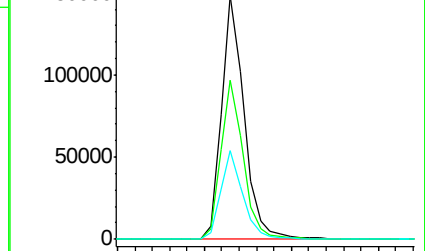
Tot Ion:	112	Resp:	271153
Ion	Ratio	Lower	Upper
112	100		
64	65.6	54.2	81.4
63	36.6	28.4	42.6



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: 106.10 ng

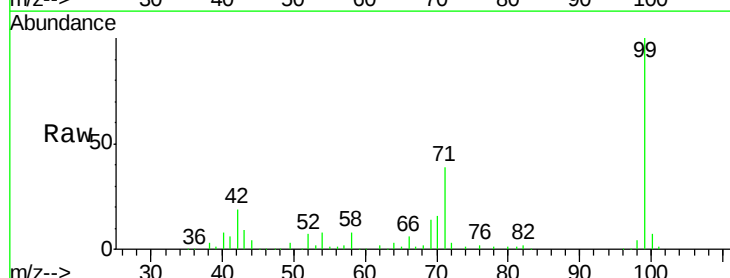
RT: 7.36 min Scan# 549

Delta R.T. -0.01 min

Lab File: BF076913.D

Acq: 16 Jan 2015 17:55

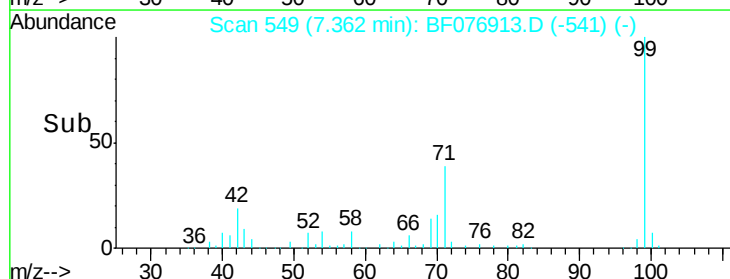
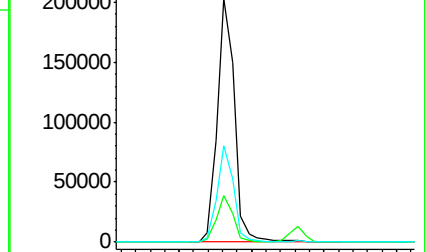
Tgt Ion:	99	Resp:	334693
Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.0	22.4
71	39.4	30.5	45.7

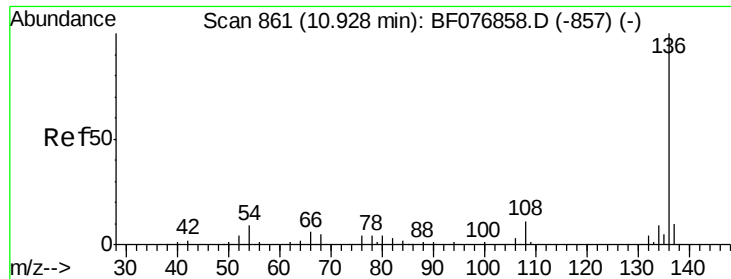


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

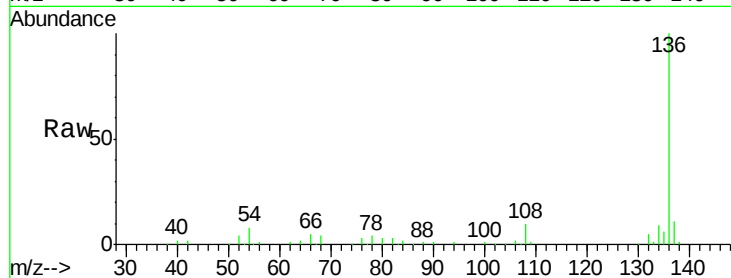




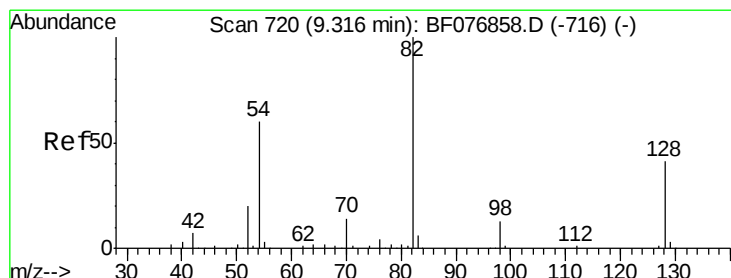
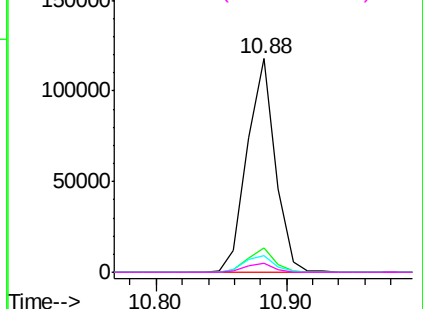
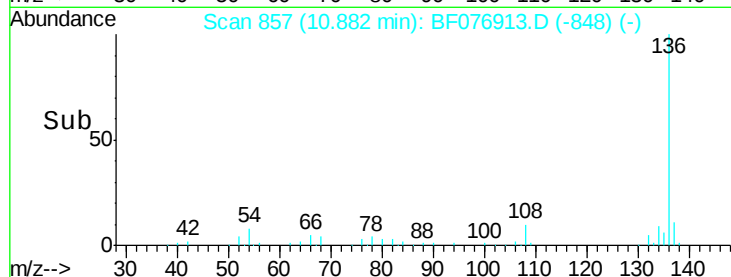
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF076913.D
Acq: 16 Jan 2015 17:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	176720
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.1 12.1
54	7.9	7.0 10.4
68	4.3	3.7 5.5

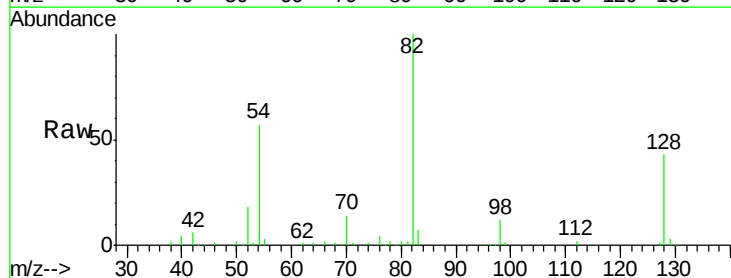


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

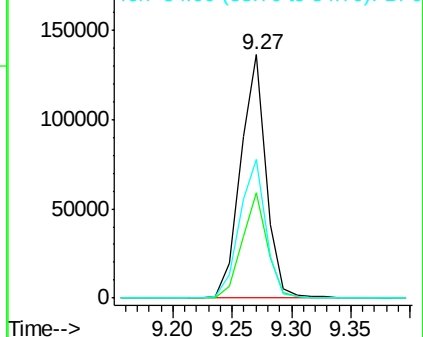
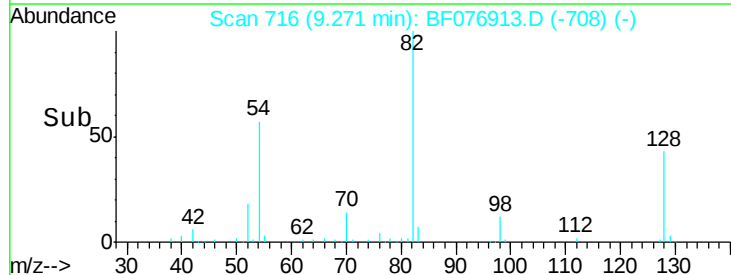


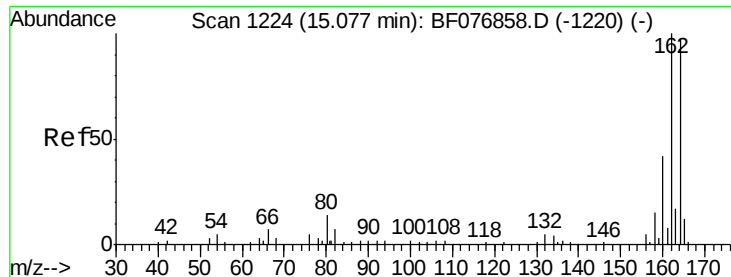
#23
Nitrobenzene-d5
Concen: 63.97 ng
RT: 9.27 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF076913.D
Acq: 16 Jan 2015 17:55

Tgt Ion: 82	Resp:	204041
Ion	Ratio	Lower Upper
82	100	
128	43.3	33.1 49.7
54	57.0	48.3 72.5



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.01 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF076913.D

Acq: 16 Jan 2015 17:55

Instrument :

BNA_F

ClientSampleId :

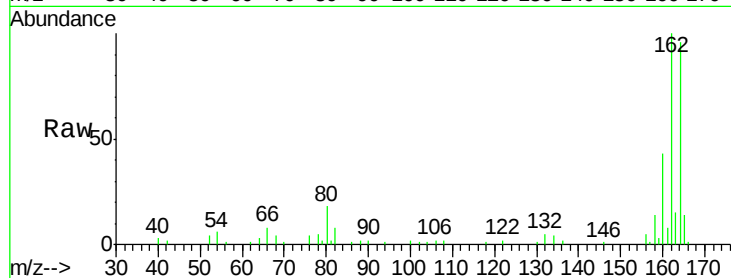
Tot Ion:164 Resp: 98121

Ion Ratio Lower Upper

164 100

162 104.3 82.4 123.6

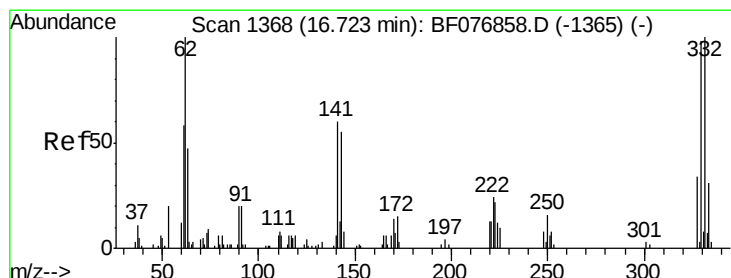
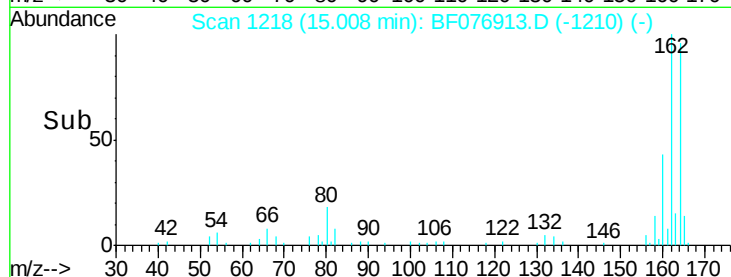
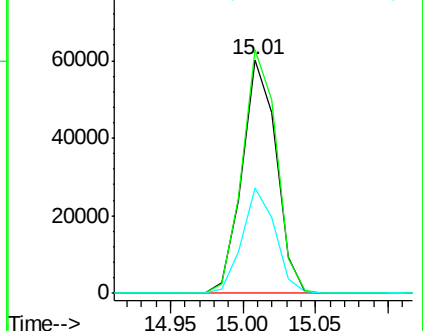
160 45.0 34.8 52.2



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: 104.20 ng

RT: 16.68 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BF076913.D

Acq: 16 Jan 2015 17:55

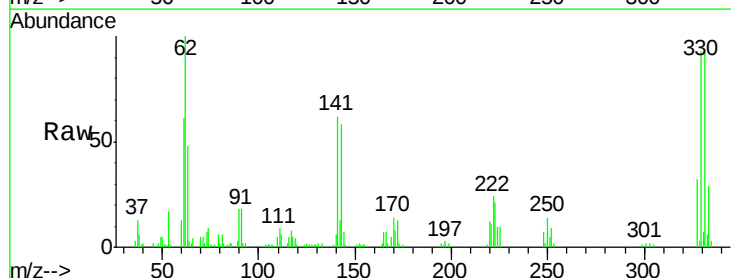
Tgt Ion:330 Resp: 82991

Ion Ratio Lower Upper

330 100

332 99.5 77.8 116.6

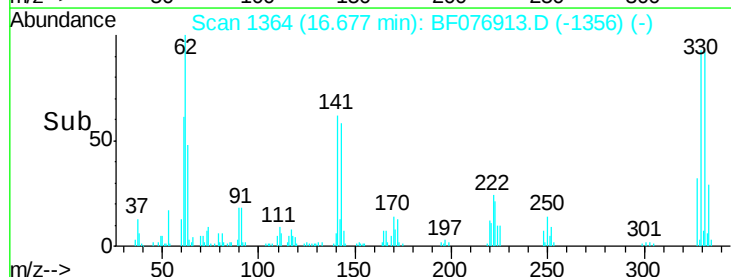
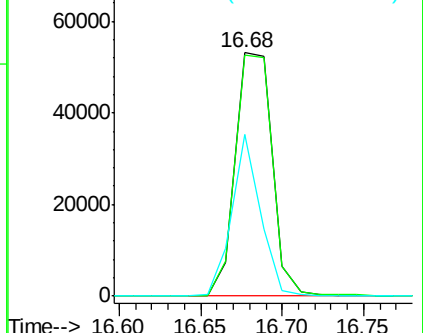
141 51.5 38.5 57.7

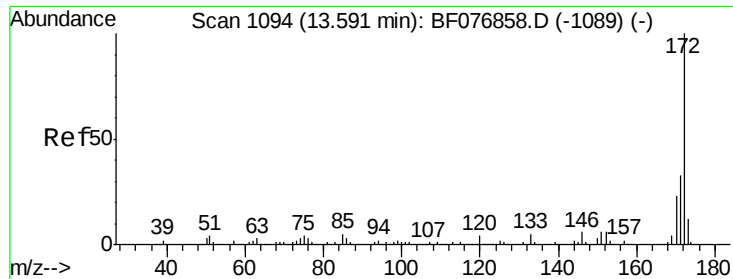


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

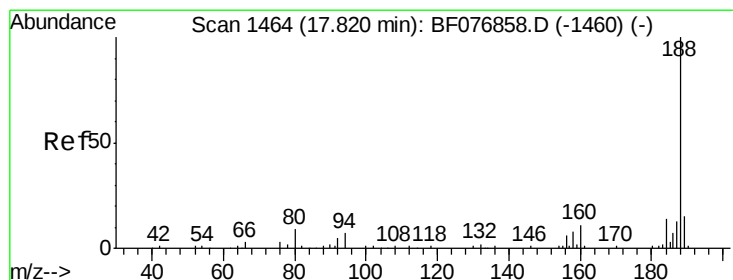
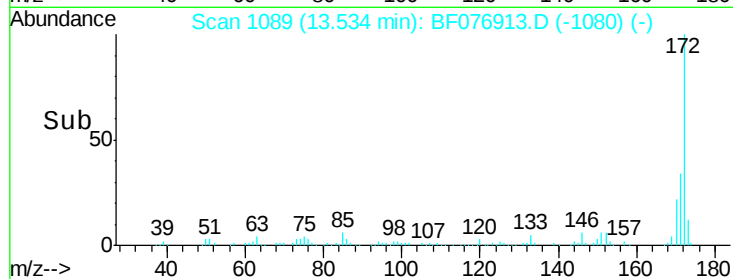
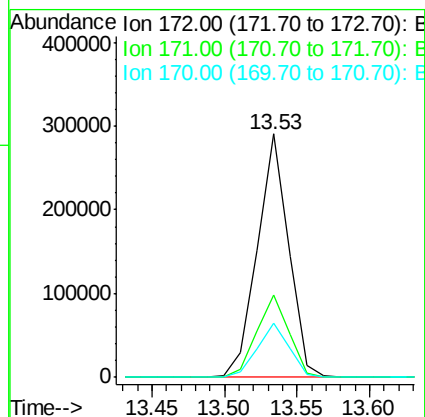
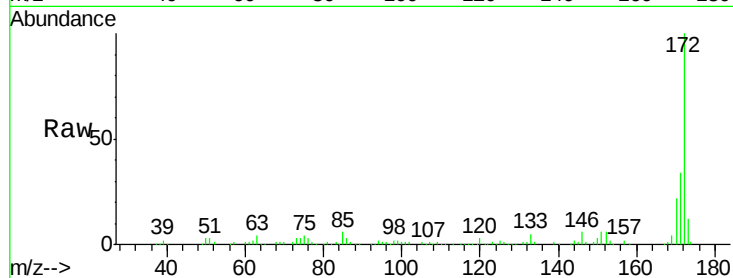




#44
 2-Fluorobiphenyl
 Concen: 67.41 ng
 RT: 13.53 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF076913.D
 Acq: 16 Jan 2015 17:55

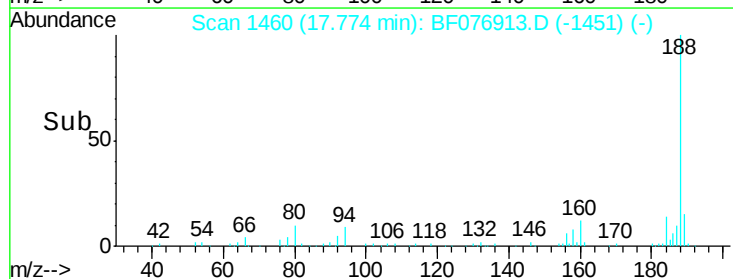
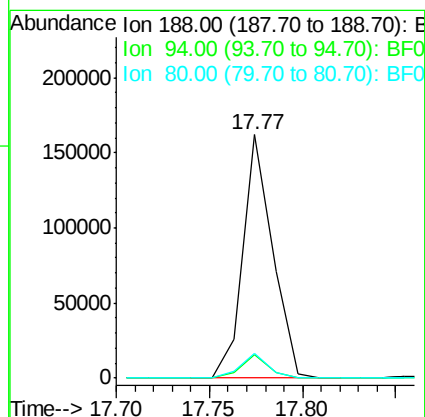
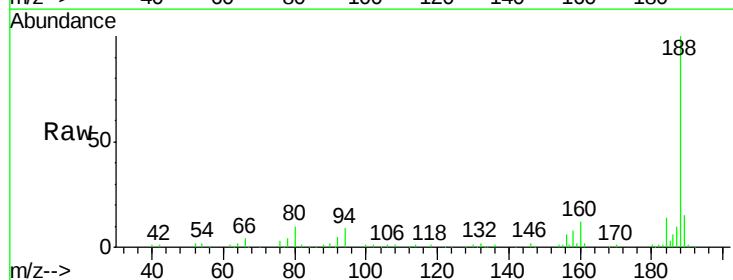
Instrument :
 BNA_F
 ClientSampleId :

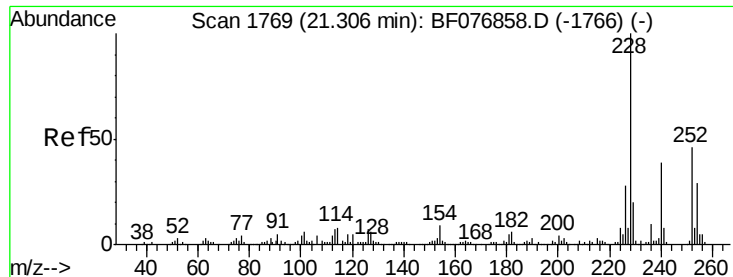
Tot Ion:172 Resp: 434614
 Ion Ratio Lower Upper
 172 100
 171 33.6 26.6 40.0
 170 22.3 18.0 27.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.77 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: BF076913.D
 Acq: 16 Jan 2015 17:55

Tgt Ion:188 Resp: 179856
 Ion Ratio Lower Upper
 188 100
 94 9.5 6.0 9.0#
 80 10.0 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: BF076913.D

Acq: 16 Jan 2015 17:55

Instrument :

BNA_F

ClientSampleId :

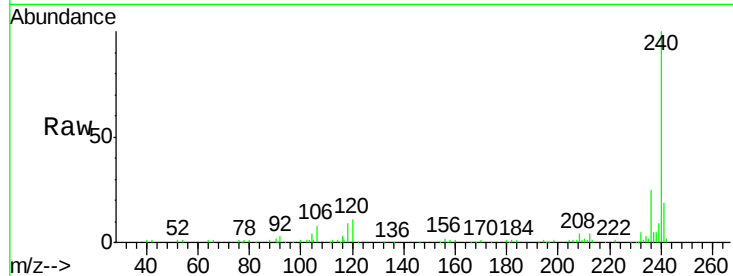
Tot Ion:240 Resp: 172117

Ion Ratio Lower Upper

240 100

120 11.2 10.4 15.6

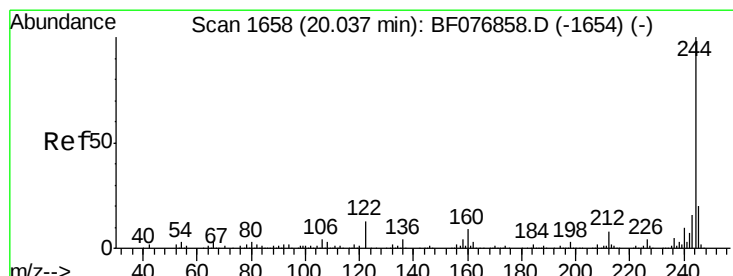
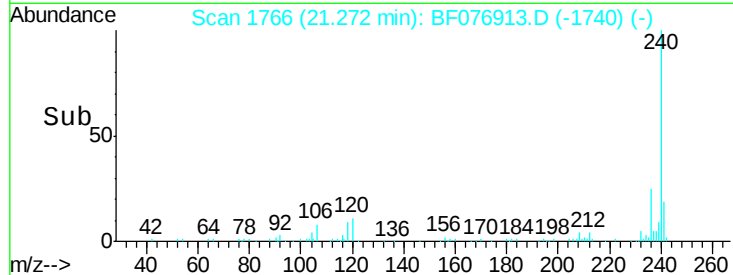
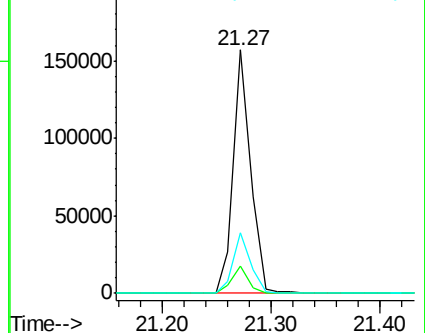
236 24.7 20.2 30.2



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: 61.56 ng

RT: 20.00 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BF076913.D

Acq: 16 Jan 2015 17:55

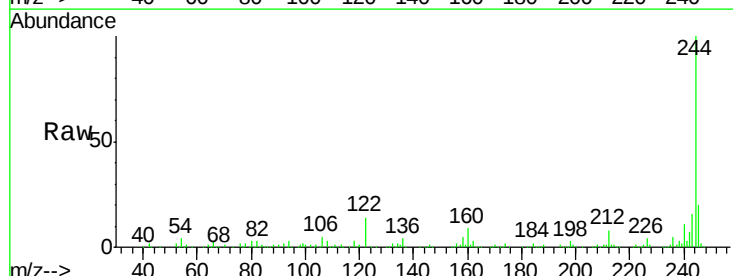
Tgt Ion:244 Resp: 460210

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

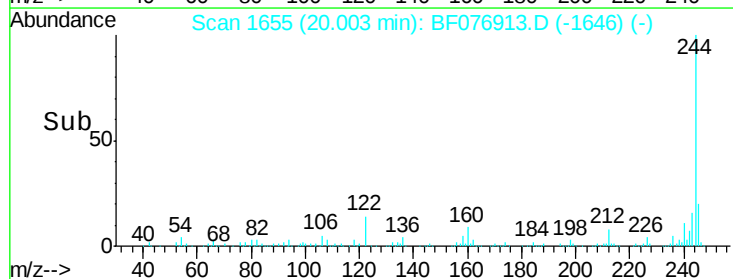
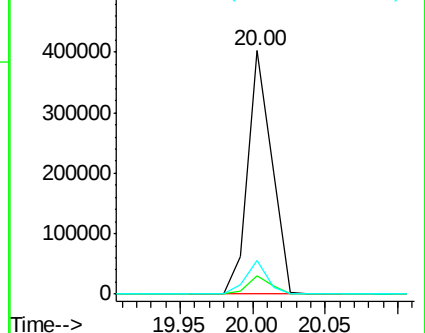
122 13.8 10.1 15.1

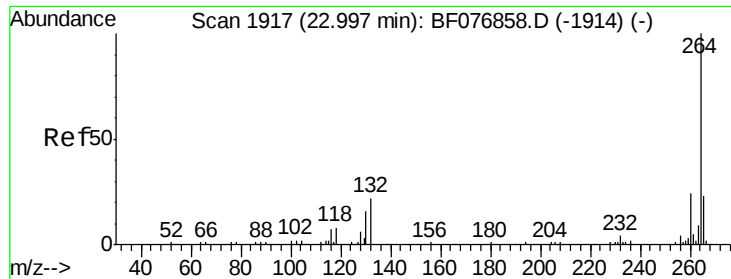


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

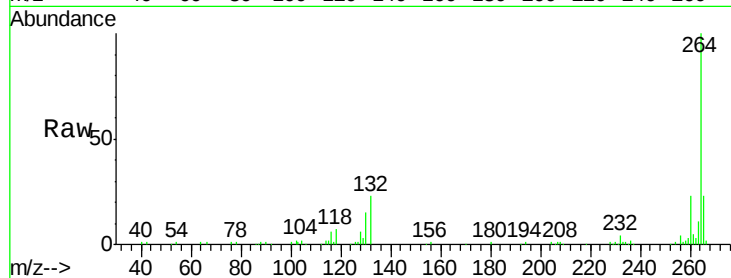




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 22.99 min Scan# 1916
 Delta R.T. 0.03 min
 Lab File: BF076913.D
 Acq: 16 Jan 2015 17:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264 Resp: 147174
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.4
 265 22.7 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

