

Data Path : Z:\HPCHEM1\BNA F\Data\BF011615\
 Data File : BF076918.D
 Acq On : 16 Jan 2015 20:47
 Operator : IZ / TP
 Sample : G1080-04
 Misc : W
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 23:33:45 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

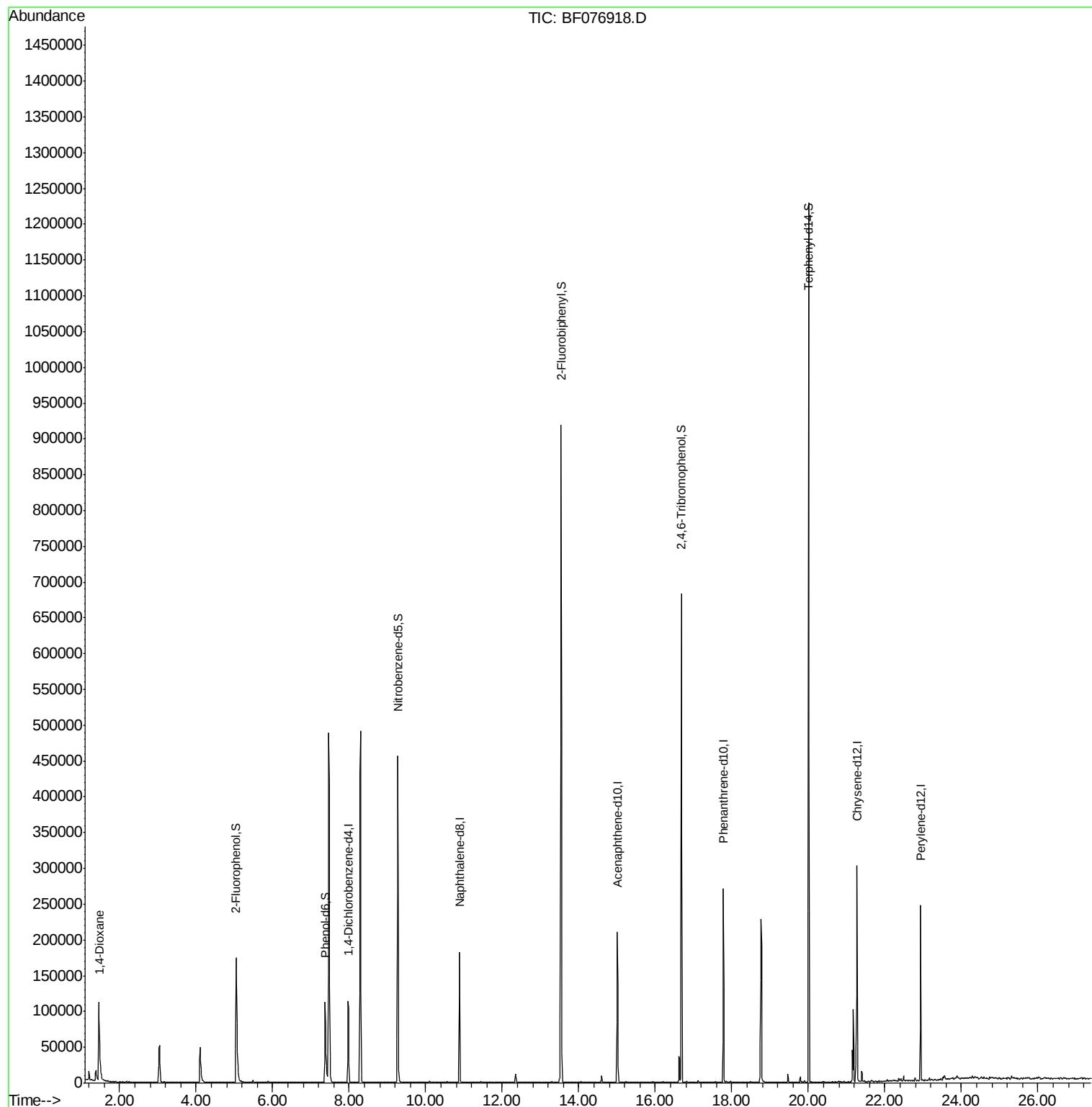
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	32633	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	143085	20.00	ng	0.00
38) Acenaphthene-d10	15.01	164	80299	20.00	ng	-0.01
63) Phenanthrene-d10	17.77	188	129322	20.00	ng	0.00
75) Chrysene-d12	21.27	240	118283	20.00	ng	0.00
86) Perylene-d12	22.93	264	103215	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	108048	54.44	ng	0.00
7) Phenol-d6	7.37	99	80993	32.35	ng	0.00
23) Nitrobenzene-d5	9.27	82	228604	88.51	ng	-0.01
41) 2,4,6-Tribromophenol	16.68	330	91884	140.97	ng	-0.01
44) 2-Fluorobiphenyl	13.53	172	479801	90.93	ng	0.00
78) Terphenyl-d14	20.00	244	443825	86.38	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.46	88	4654	5.48	ng	Qvalue # 12

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

Data Path : Z:\HPCHEM1\BNA F\Data\BF011615\
Data File : BF076918.D
Acq On : 16 Jan 2015 20:47
Operator : IZ / TP
Sample : G1080-04
Misc : W
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 16 23:33:45 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



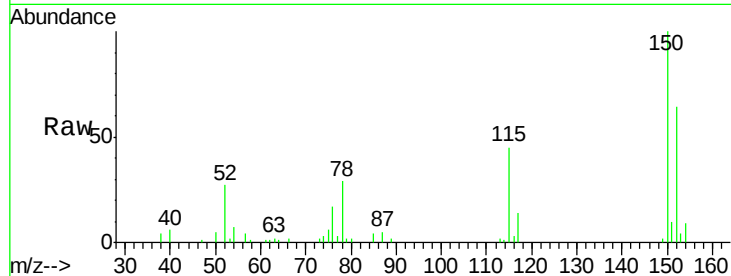


#1

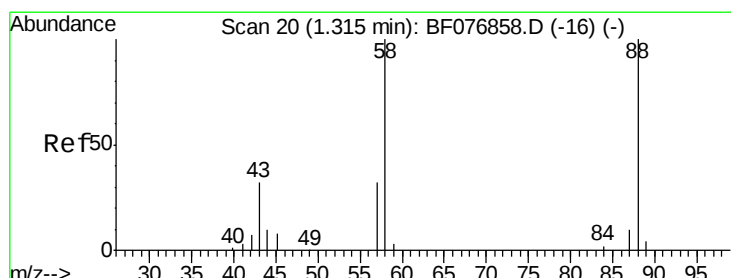
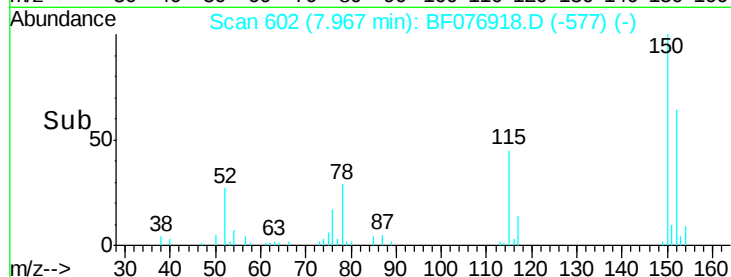
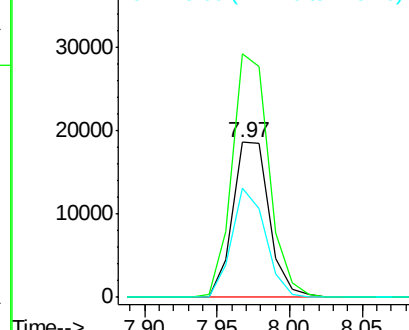
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.97 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF076918.D
Acq: 16 Jan 2015 20:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 32633
Ion Ratio Lower Upper
152 100
150 157.4 121.7 182.5
115 70.4 47.0 70.6



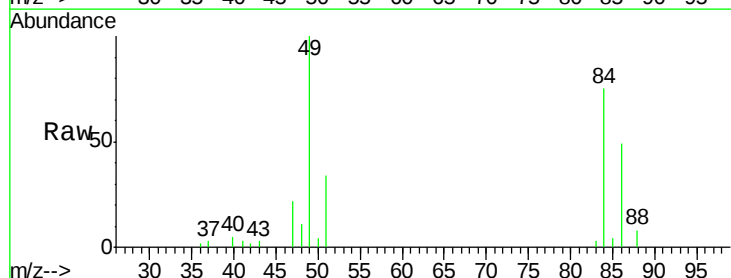
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



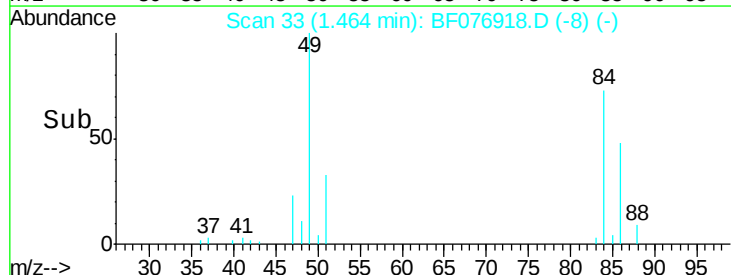
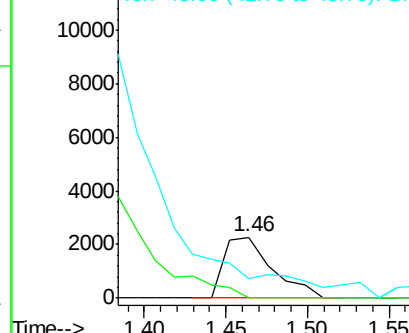
#2

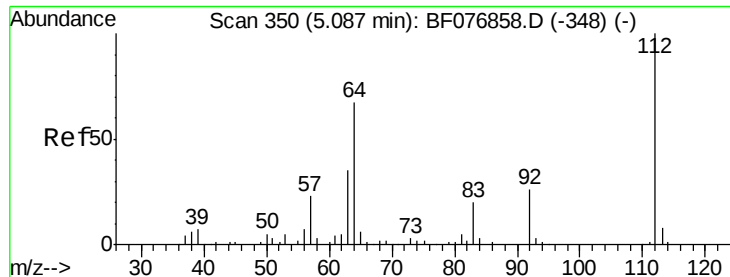
1,4-Dioxane
Concen: 5.48 ng
RT: 1.46 min Scan# 33
Delta R.T. 0.18 min
Lab File: BF076918.D
Acq: 16 Jan 2015 20:47

Tgt Ion: 88 Resp: 4654
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: 54.44 ng

RT: 5.04 min Scan# 346

Delta R.T. 0.00 min

Lab File: BF076918.D

Acq: 16 Jan 2015 20:47

Instrument :

BNA_F

ClientSampled :

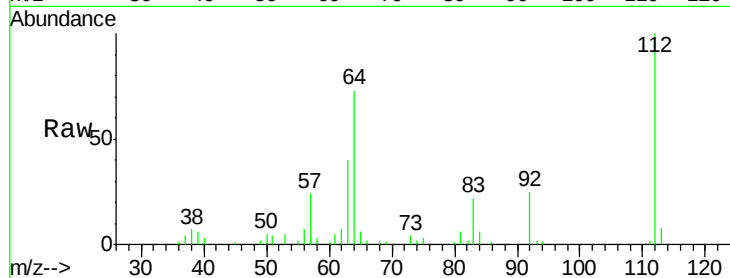
Tot Ion:112 Resp: 108048

Ion Ratio Lower Upper

112 100

64 72.6 54.2 81.4

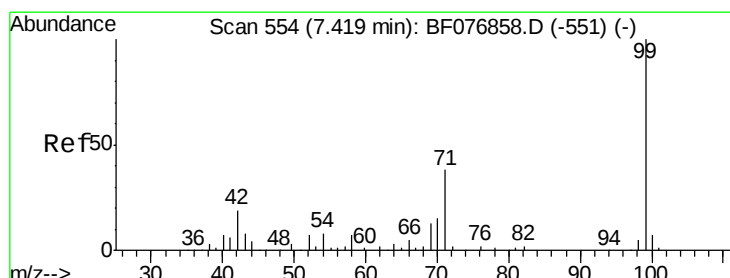
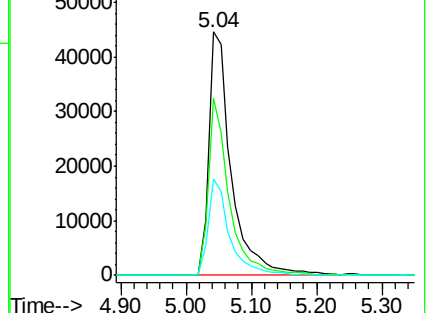
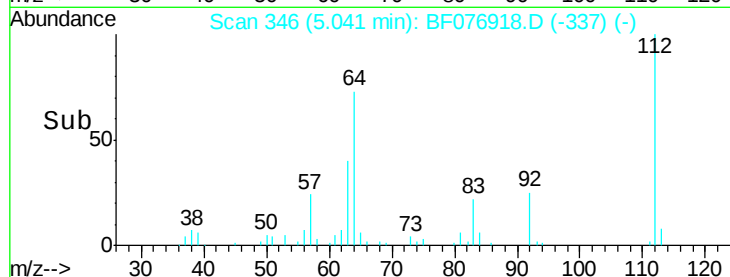
63 39.7 28.4 42.6



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: 32.35 ng

RT: 7.37 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF076918.D

Acq: 16 Jan 2015 20:47

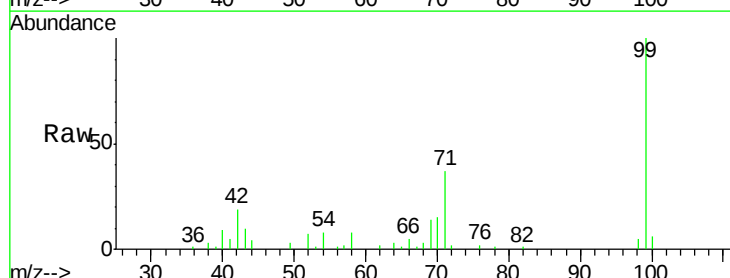
Tgt Ion: 99 Resp: 80993

Ion Ratio Lower Upper

99 100

42 18.9 15.0 22.4

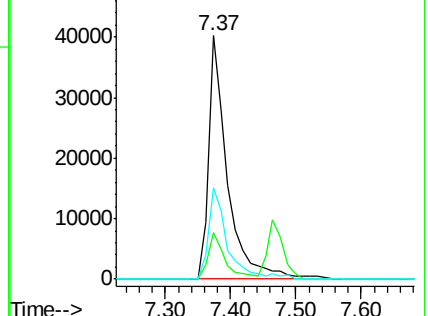
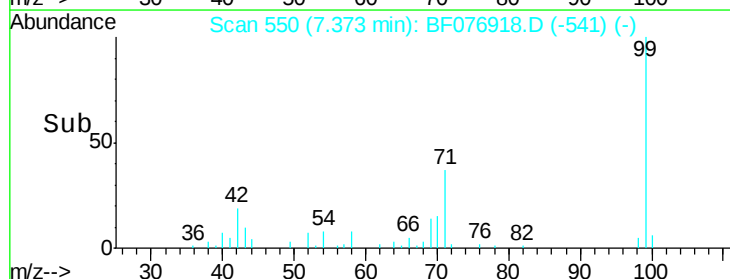
71 37.4 30.5 45.7



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

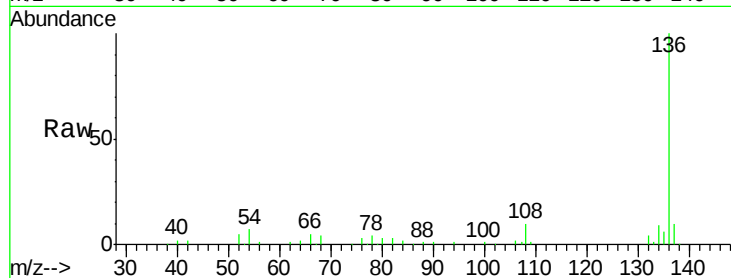




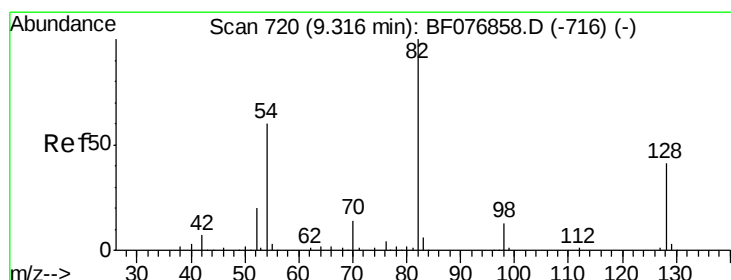
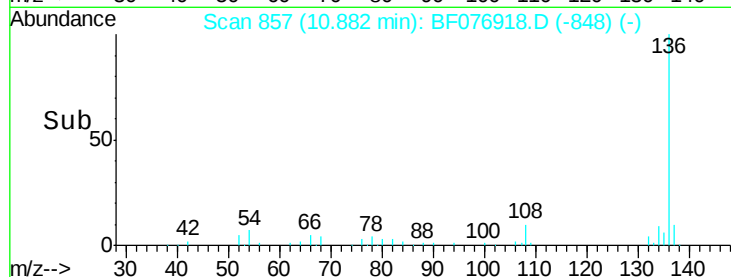
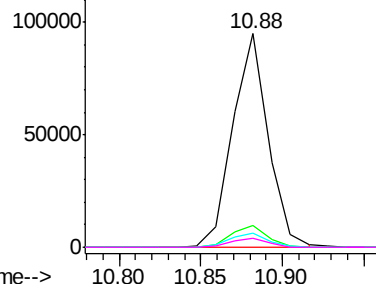
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF076918.D
Acq: 16 Jan 2015 20:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	143085
Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.1	12.1
54	6.8	7.0	10.4
68	4.0	3.7	5.5

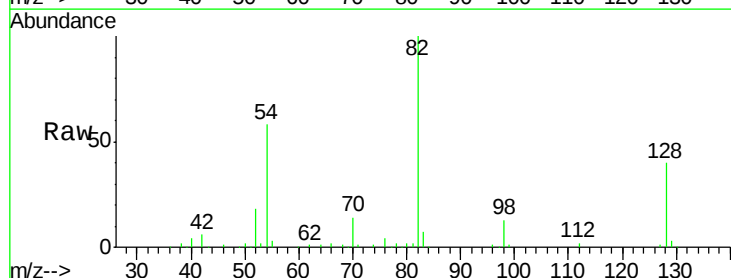


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

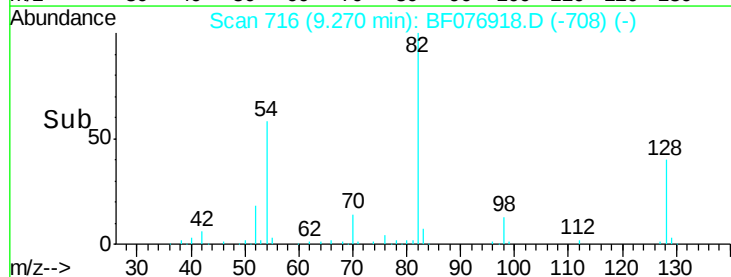
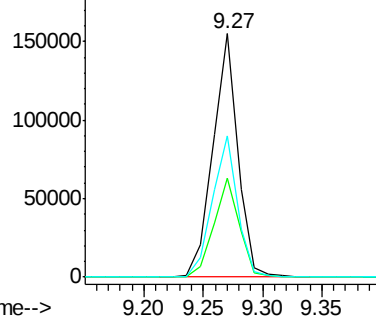


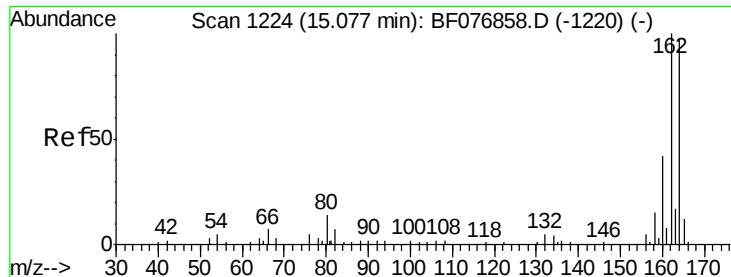
#23
Nitrobenzene-d5
Concen: 88.51 ng
RT: 9.27 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF076918.D
Acq: 16 Jan 2015 20:47

Tgt Ion:	82	Resp:	228604
Ion	Ratio	Lower	Upper
82	100		
128	40.4	33.1	49.7
54	57.9	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: BF076918.D

Acq: 16 Jan 2015 20:47

Instrument :

BNA_F

ClientSampleId :

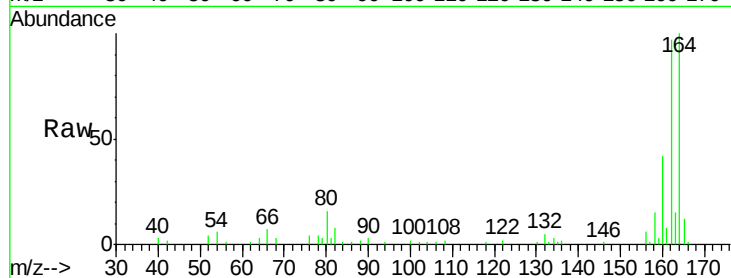
Tot Ion:164 Resp: 80299

Ion Ratio Lower Upper

164 100

162 97.3 82.4 123.6

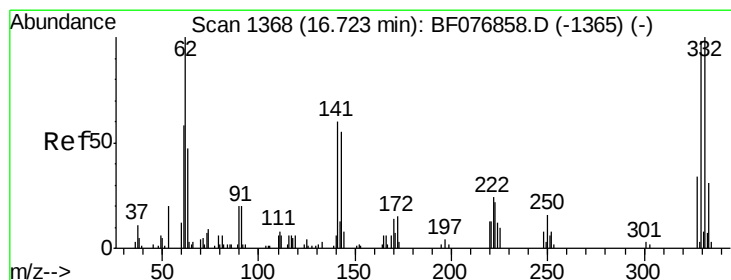
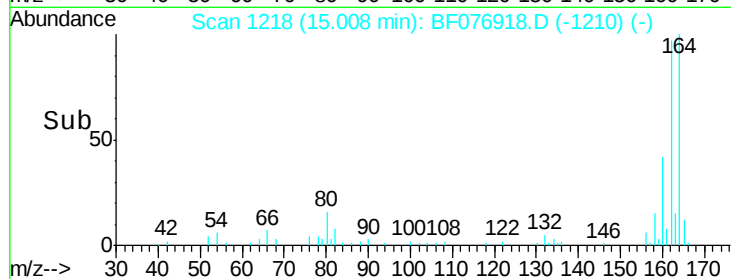
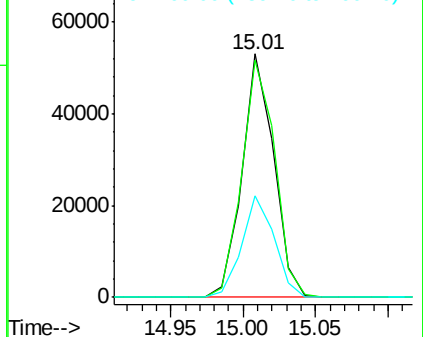
160 41.8 34.8 52.2



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: 140.97 ng

RT: 16.68 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BF076918.D

Acq: 16 Jan 2015 20:47

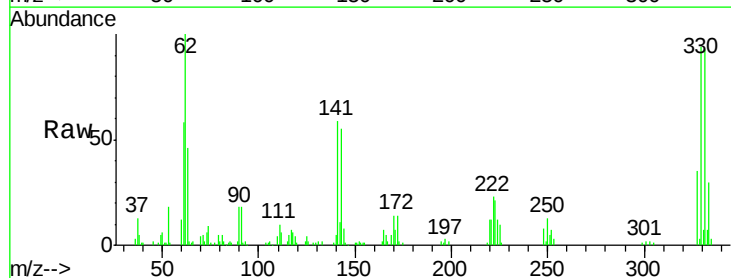
Tgt Ion:330 Resp: 91884

Ion Ratio Lower Upper

330 100

332 97.1 77.8 116.6

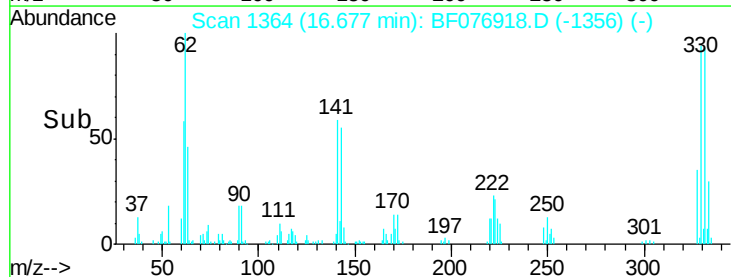
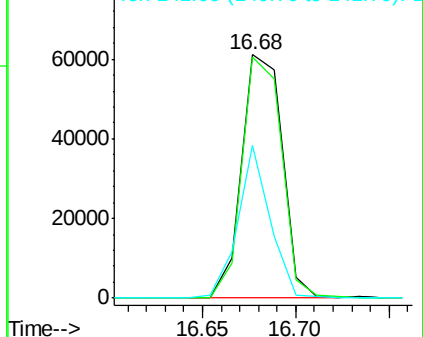
141 50.4 38.5 57.7

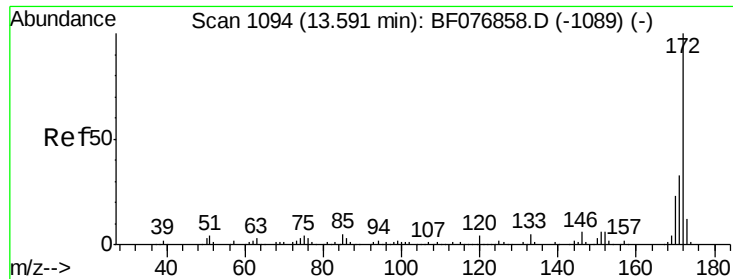


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

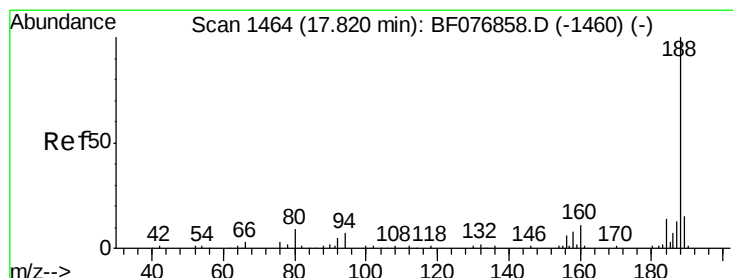
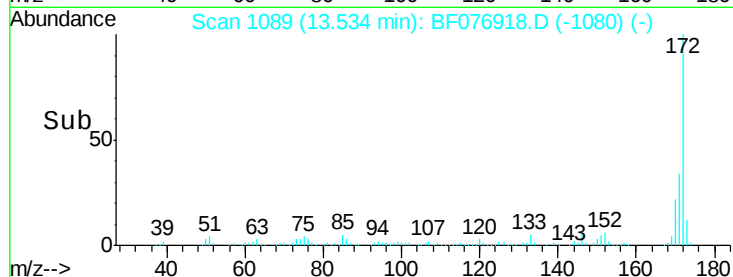
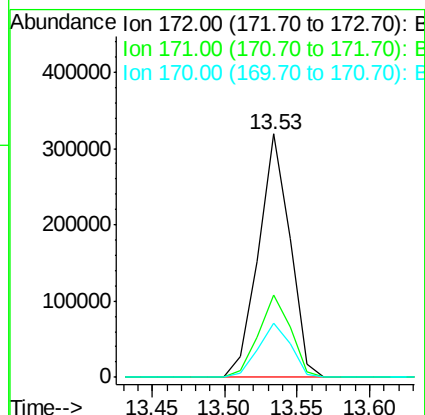
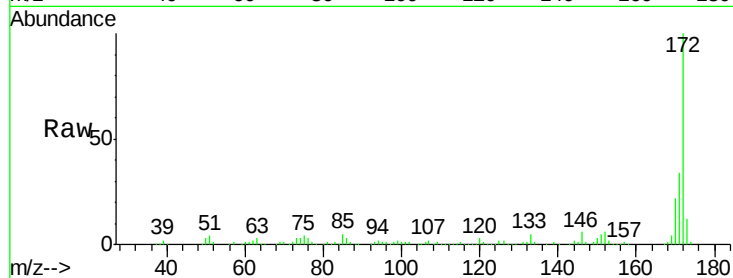




#44
 2-Fluorobiphenyl
 Concen: 90.93 ng
 RT: 13.53 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF076918.D
 Acq: 16 Jan 2015 20:47

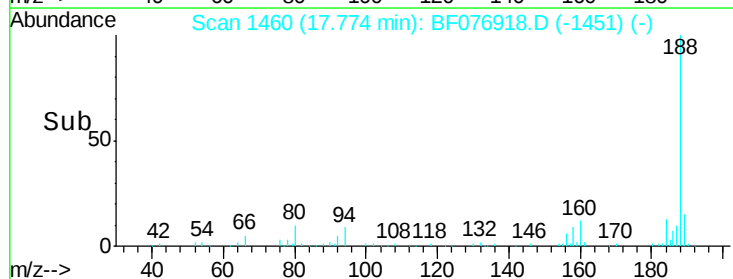
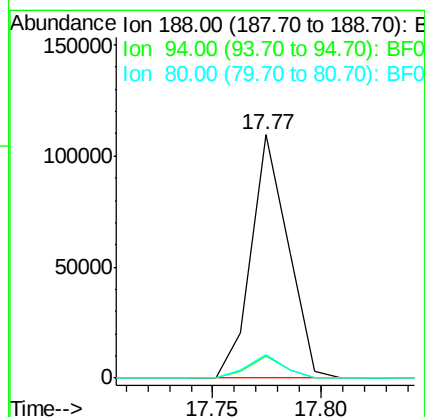
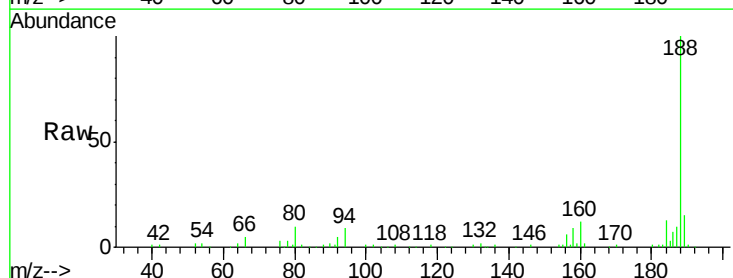
Instrument :
 BNA_F
 ClientSampleId :

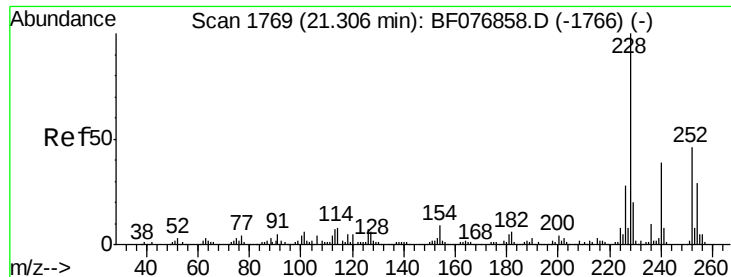
Tot Ion:172 Resp: 479801
 Ion Ratio Lower Upper
 172 100
 171 33.6 26.6 40.0
 170 22.4 18.0 27.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.77 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF076918.D
 Acq: 16 Jan 2015 20:47

Tgt Ion:188 Resp: 129322
 Ion Ratio Lower Upper
 188 100
 94 9.1 6.0 9.0#
 80 9.8 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: BF076918.D

Acq: 16 Jan 2015 20:47

Instrument :

BNA_F

ClientSampleId :

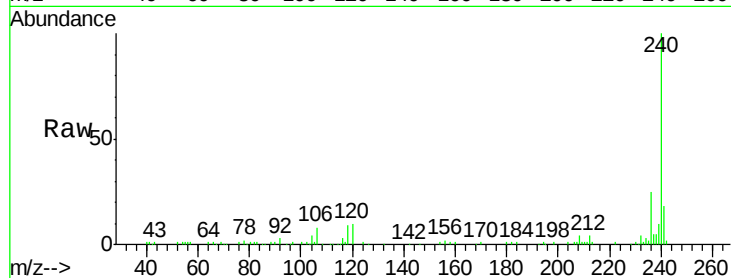
Tot Ion:240 Resp: 118283

Ion Ratio Lower Upper

240 100

120 10.1 10.4 15.6#

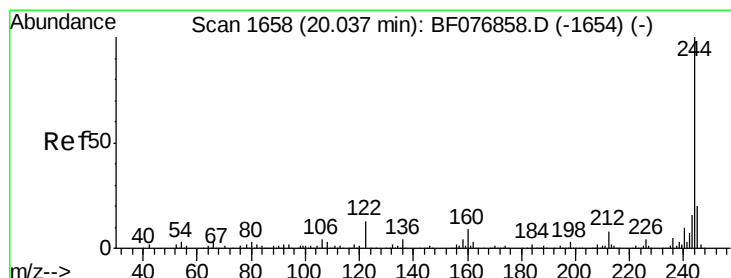
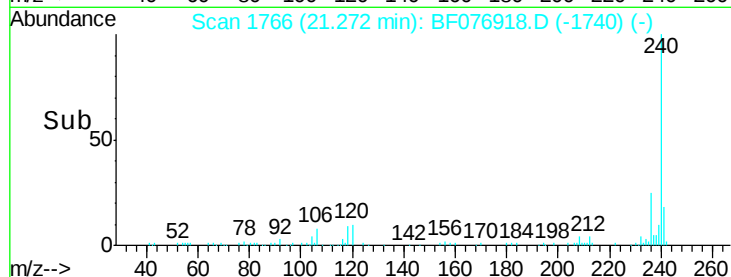
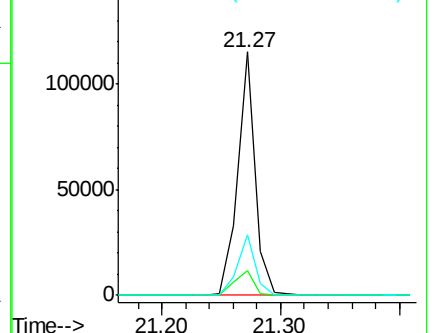
236 24.8 20.2 30.2



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: 86.38 ng

RT: 20.00 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BF076918.D

Acq: 16 Jan 2015 20:47

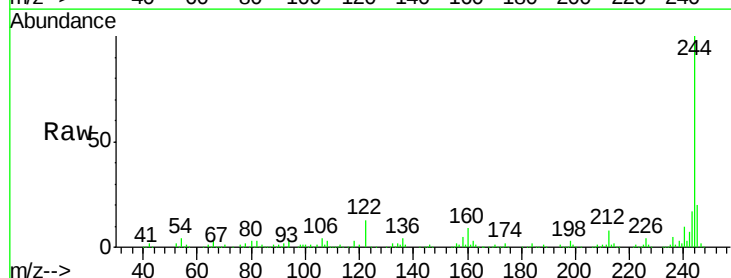
Tgt Ion:244 Resp: 443825

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

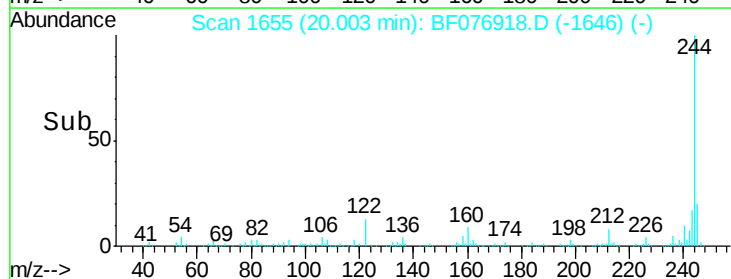
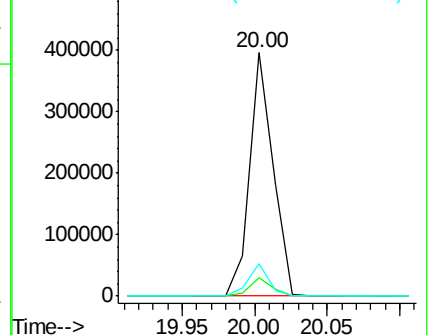
122 13.1 10.1 15.1

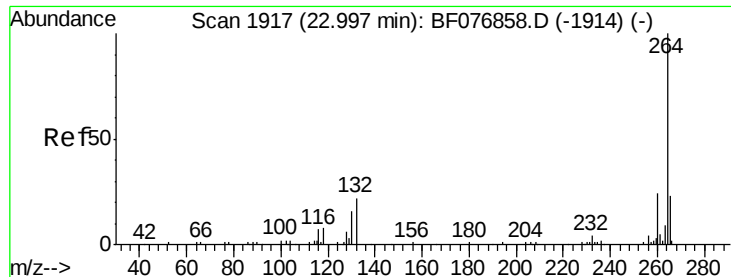


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

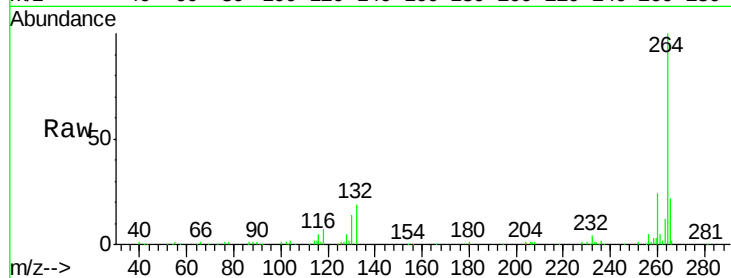




#86
Pervlene-d12
Concen: 20.00 ng
RT: 22.93 min Scan# 1911
Delta R.T. -0.02 min
Lab File: BF076918.D
Acq: 16 Jan 2015 20:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.4
265	22.2	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

