

Data Path : Z:\HPCHEM1\BNA F\Data\BF011615\
 Data File : BF076916.D
 Acq On : 16 Jan 2015 19:38
 Operator : IZ / TP
 Sample : G1091-09
 Misc : W
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 22:53:09 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

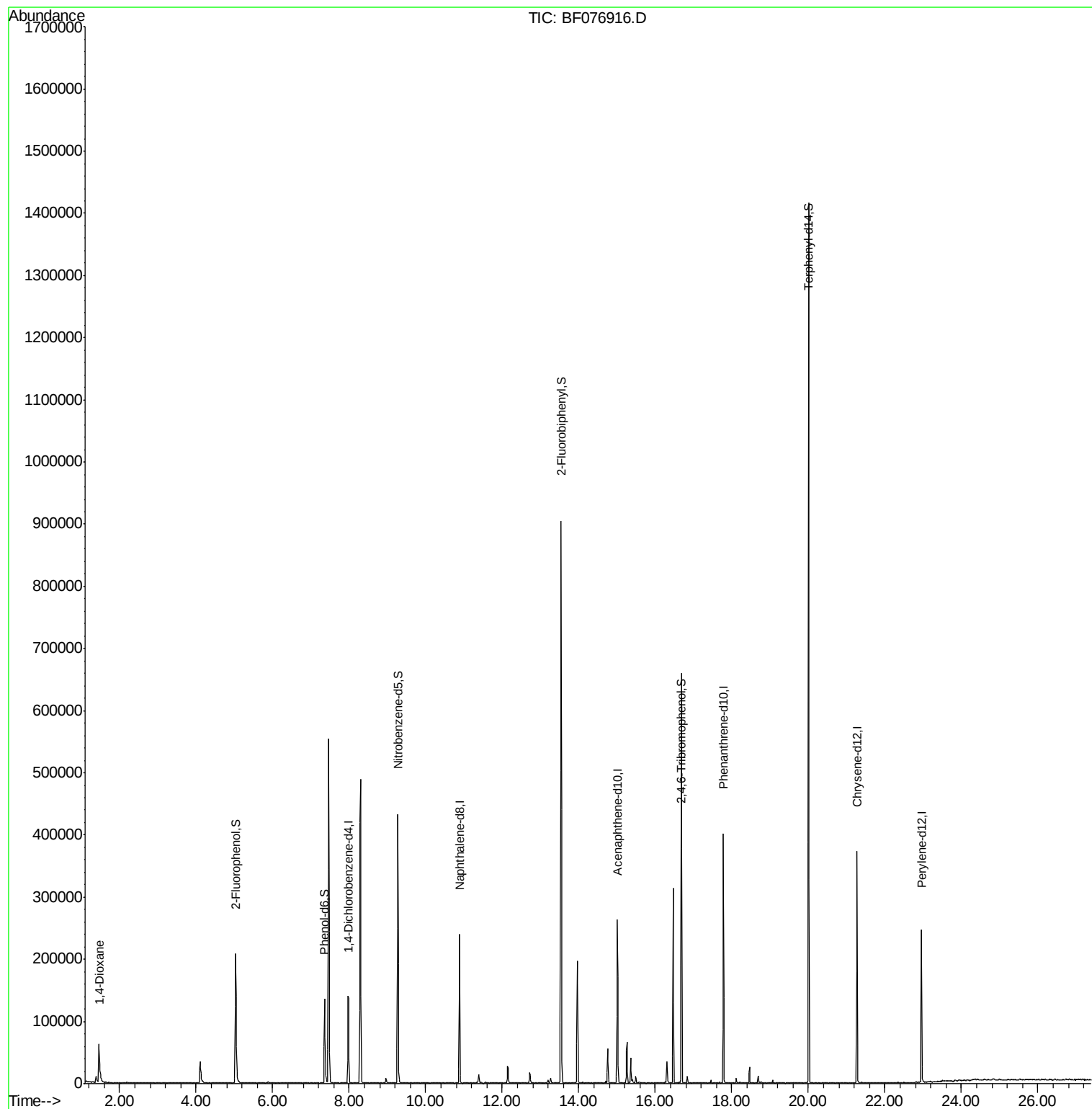
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	42059	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	179245	20.00	ng	0.00
38) Acenaphthene-d10	15.01	164	101660	20.00	ng	-0.01
63) Phenanthrene-d10	17.77	188	172799	20.00	ng	0.00
75) Chrysene-d12	21.27	240	165436	20.00	ng	0.00
86) Perylene-d12	22.96	264	143724	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	113623	44.42	ng	-0.01
7) Phenol-d6	7.36	99	81350	25.21	ng	-0.01
23) Nitrobenzene-d5	9.27	82	225254	69.62	ng	-0.01
41) 2,4,6-Tribromophenol	16.69	330	92067	111.57	ng	0.00
44) 2-Fluorobiphenyl	13.53	172	472546	70.74	ng	0.00
78) Terphenyl-d14	20.00	244	489529	68.12	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.46	88	2713	2.48	ng	Qvalue # 12

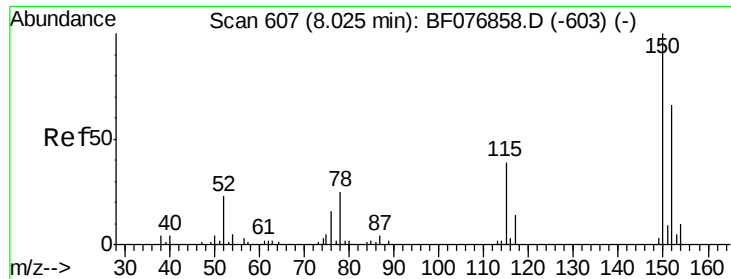
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF076916.D

Acq: 16 Jan 2015 19:38

Instrument :

BNA_F

ClientSampled :

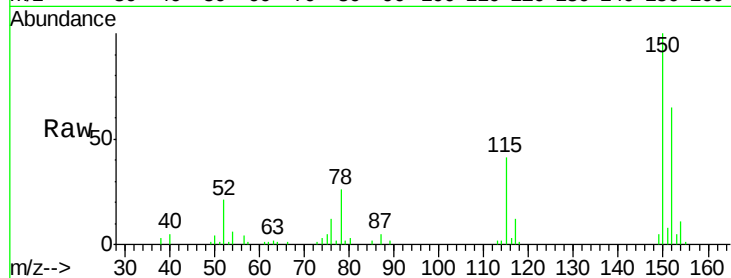
Tot Ion:152 Resp: 42059

Ion Ratio Lower Upper

152 100

150 154.0 121.7 182.5

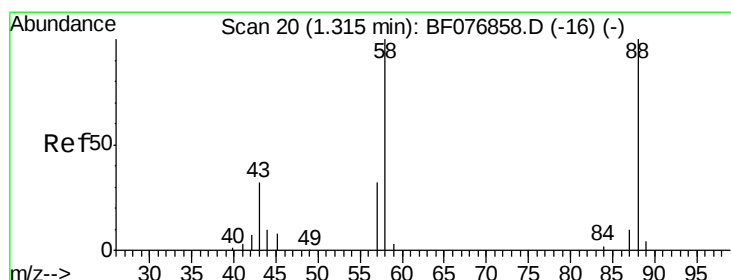
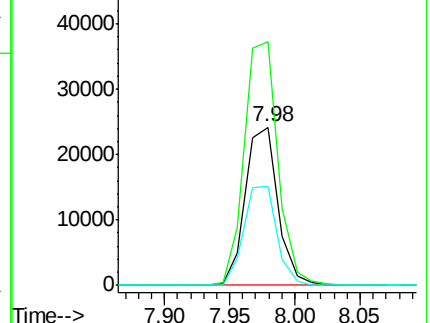
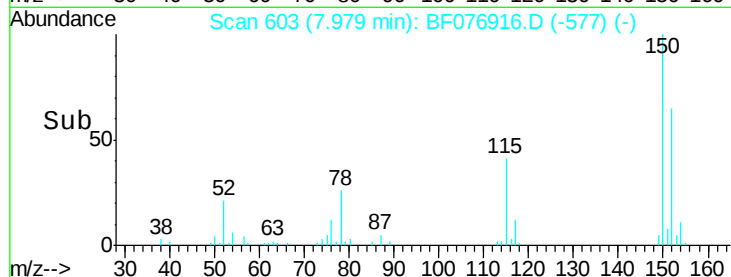
115 62.4 47.0 70.6



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: 2.48 ng

RT: 1.46 min Scan# 33

Delta R.T. 0.18 min

Lab File: BF076916.D

Acq: 16 Jan 2015 19:38

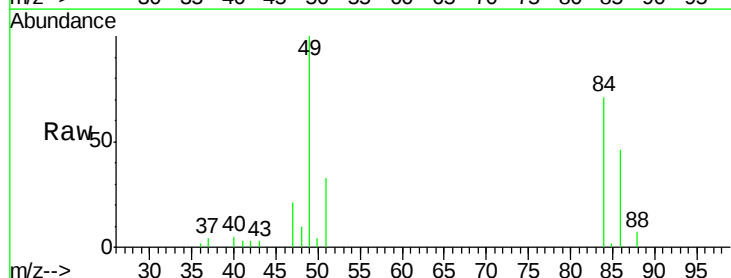
Tgt Ion: 88 Resp: 2713

Ion Ratio Lower Upper

88 100

58 0.0 77.0 115.4#

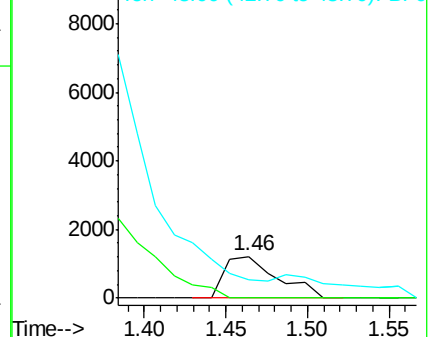
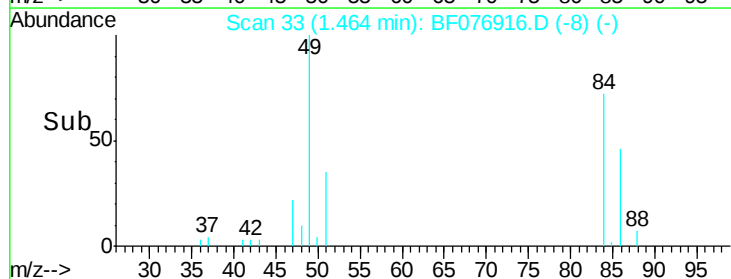
43 0.0 25.6 38.4#

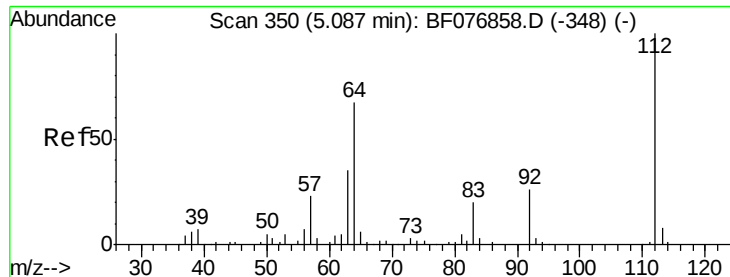


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 44.42 ng

RT: 5.03 min Scan# 345

Delta R.T. -0.01 min

Lab File: BF076916.D

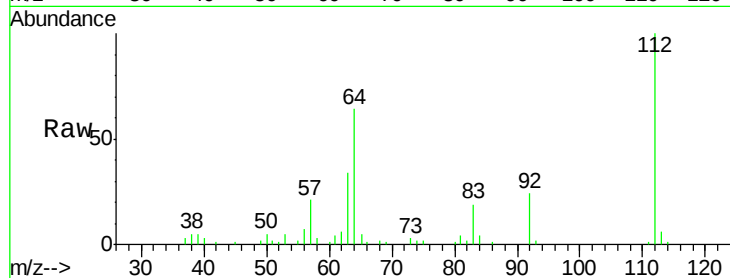
Acq: 16 Jan 2015 19:38

Instrument :

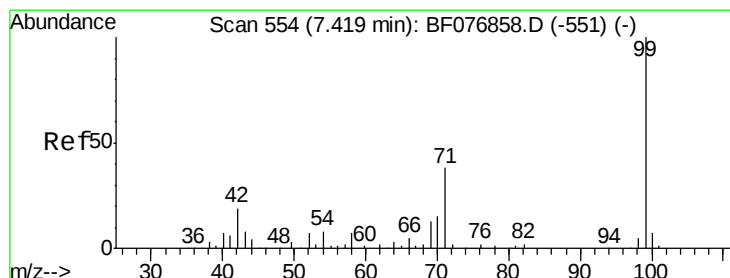
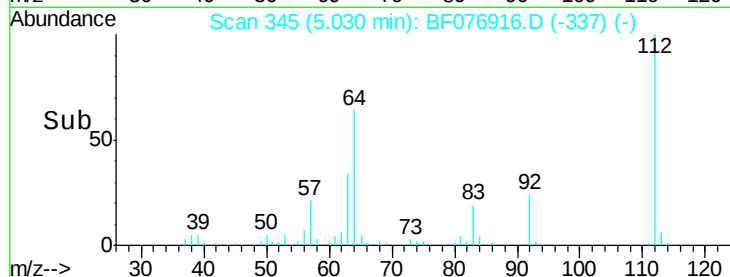
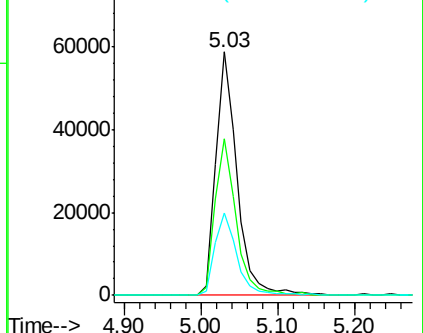
BNA_F

ClientSampleId :

Tot Ion:	112	Resp:	113623
Ion	Ratio	Lower	Upper
112	100		
64	64.4	54.2	81.4
63	33.7	28.4	42.6



Abundance Ion 112.00 (111.70 to 112.70): BF076916.D (-337) (-)



#7

Phenol-d6

Concen: 25.21 ng

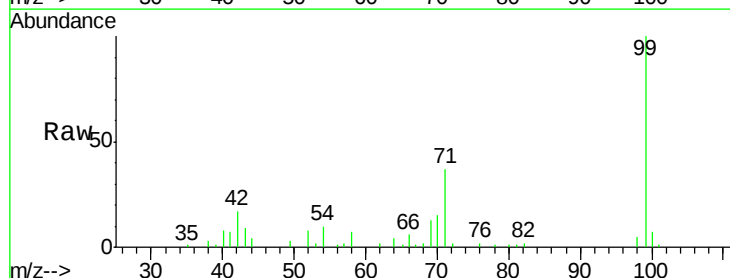
RT: 7.36 min Scan# 549

Delta R.T. -0.01 min

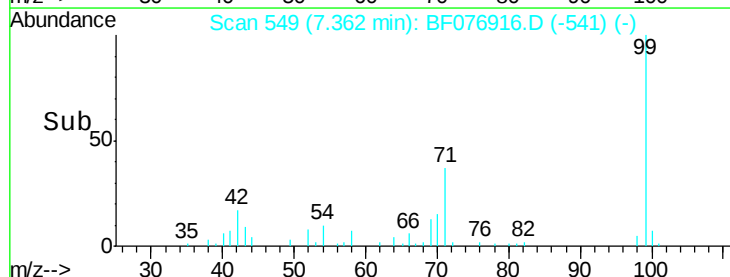
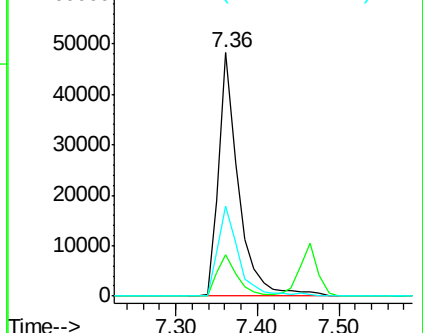
Lab File: BF076916.D

Acq: 16 Jan 2015 19:38

Tgt Ion:	99	Resp:	81350
Ion	Ratio	Lower	Upper
99	100		
42	16.8	15.0	22.4
71	36.9	30.5	45.7



Abundance Ion 99.00 (98.70 to 99.70): BF076916.D (-541) (-)

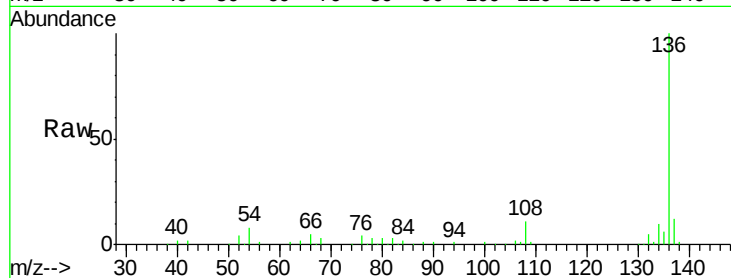




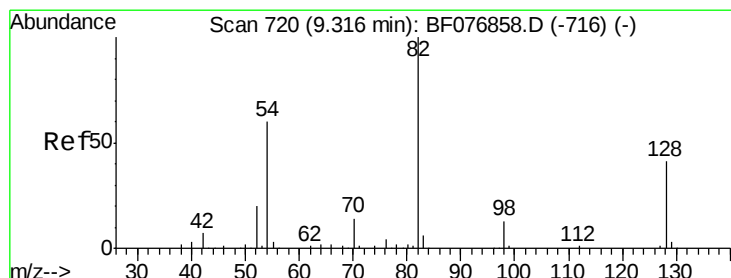
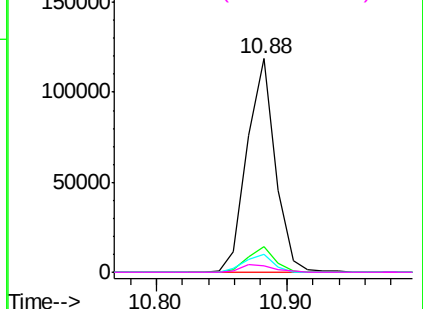
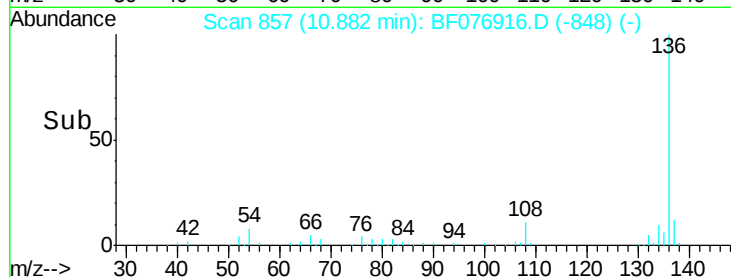
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF076916.D
Acq: 16 Jan 2015 19:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	179245
Ion Ratio	Lower	Upper
136	100	
137	11.7	8.1 12.1
54	8.2	7.0 10.4
68	3.3	3.7 5.5#

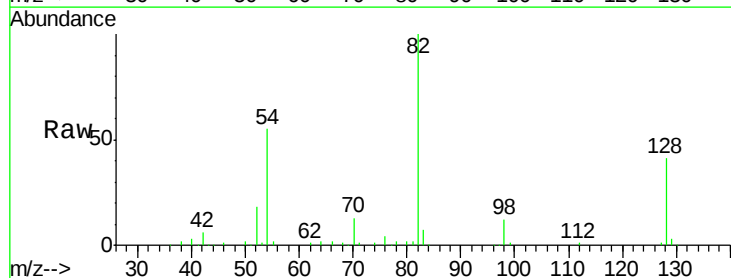


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

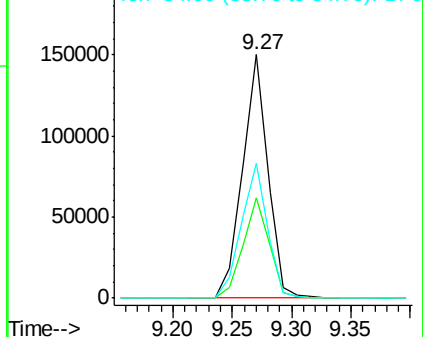
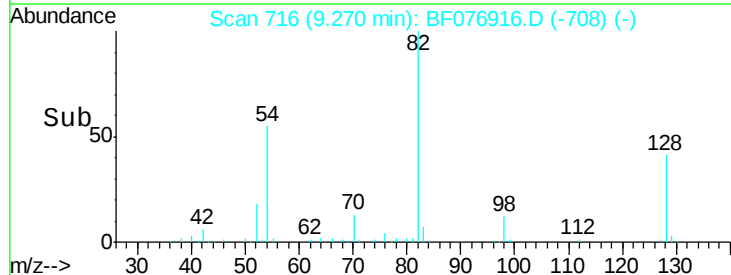


#23
Nitrobenzene-d5
Concen: 69.62 ng
RT: 9.27 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF076916.D
Acq: 16 Jan 2015 19:38

Tgt Ion: 82	Resp:	225254
Ion Ratio	Lower	Upper
82	100	
128	41.0	33.1 49.7
54	55.4	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: BF076916.D

Acq: 16 Jan 2015 19:38

Instrument :

BNA_F

ClientSampleId :

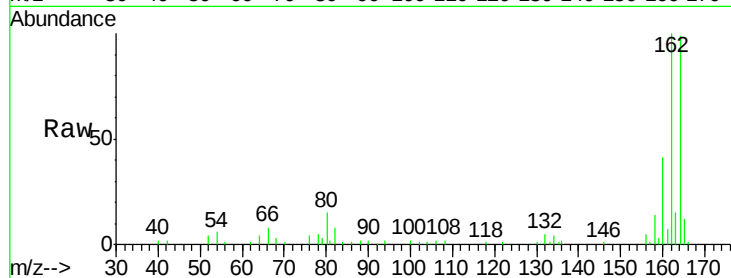
Tot Ion:164 Resp: 101660

Ion Ratio Lower Upper

164 100

162 100.6 82.4 123.6

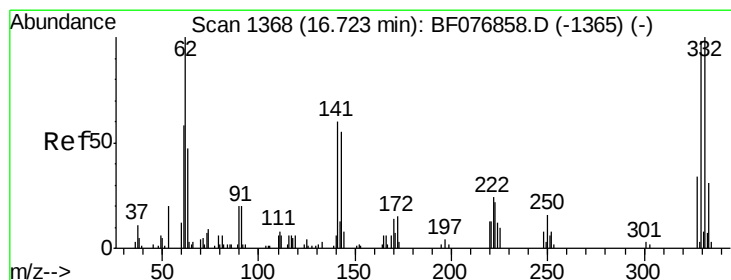
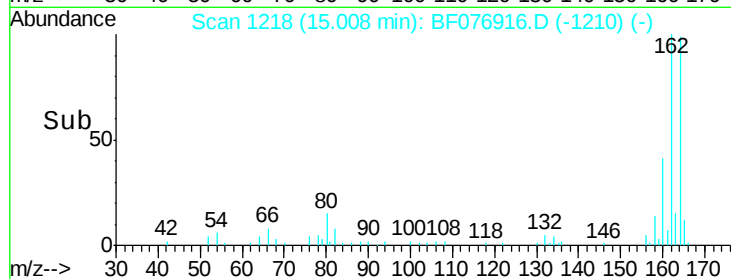
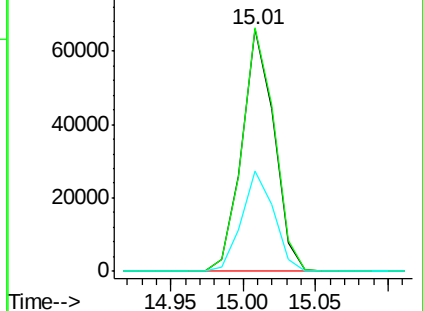
160 41.6 34.8 52.2



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: 111.57 ng

RT: 16.69 min Scan# 1365

Delta R.T. -0.00 min

Lab File: BF076916.D

Acq: 16 Jan 2015 19:38

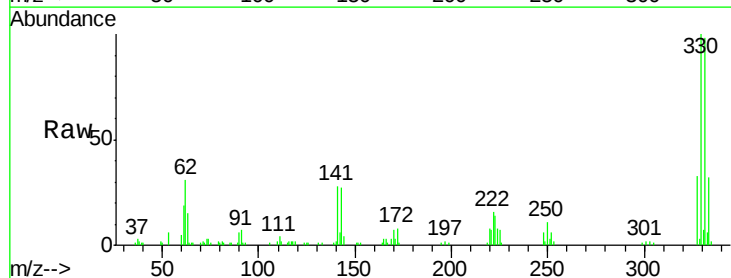
Tgt Ion:330 Resp: 92067

Ion Ratio Lower Upper

330 100

332 97.3 77.8 116.6

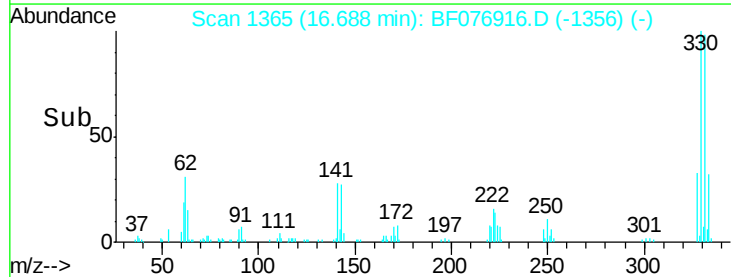
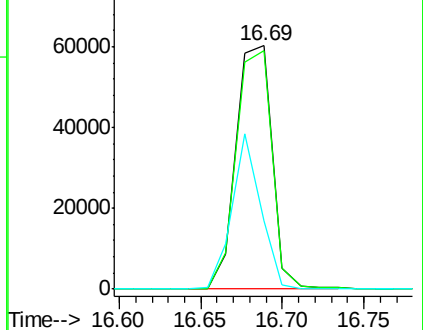
141 50.8 38.5 57.7

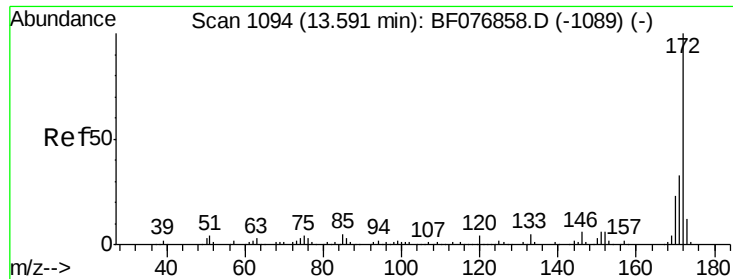


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

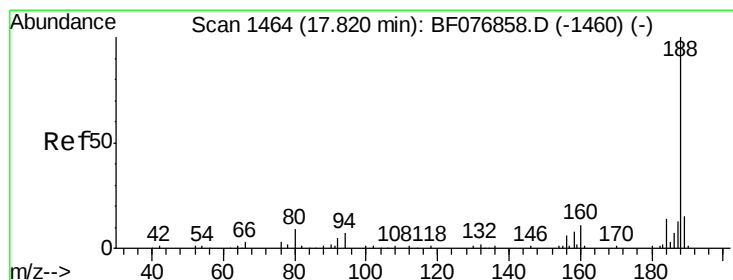
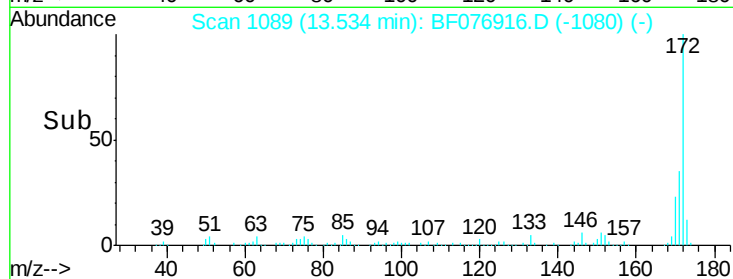
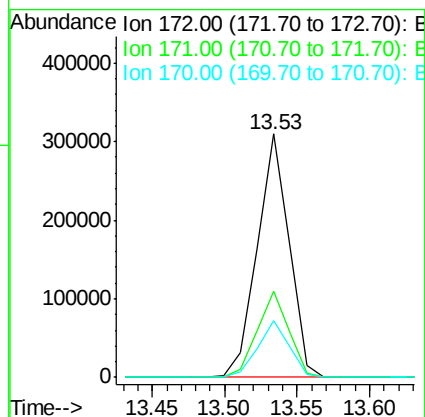
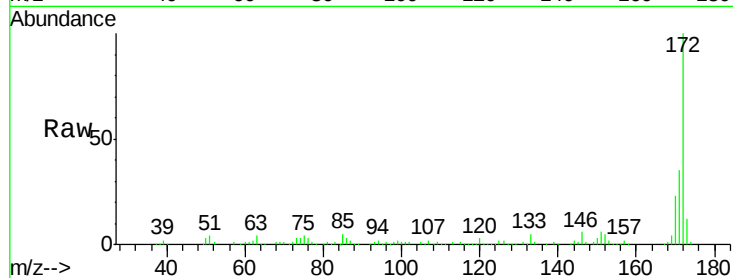




#44
 2-Fluorobiphenyl
 Concen: 70.74 ng
 RT: 13.53 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF076916.D
 Acq: 16 Jan 2015 19:38

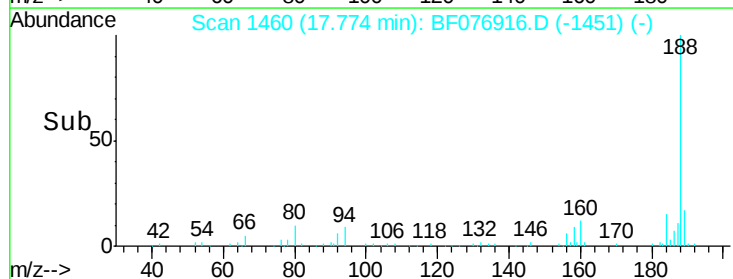
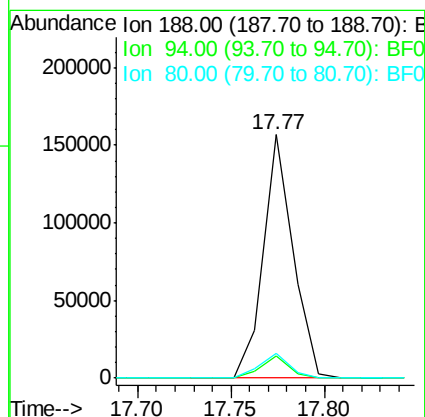
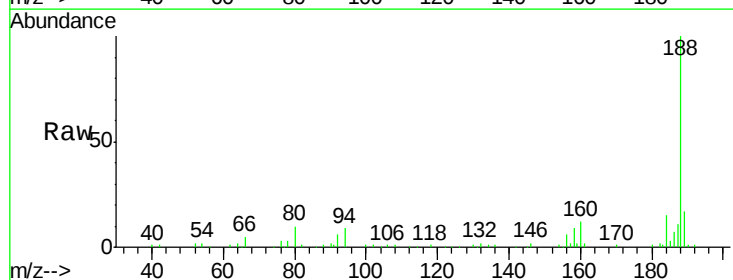
Instrument :
 BNA_F
 ClientSampleId :

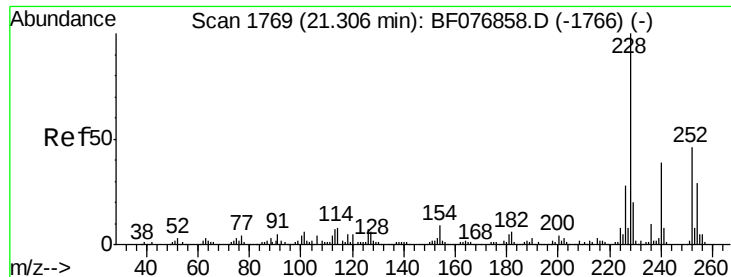
Tot Ion:172 Resp: 472546
 Ion Ratio Lower Upper
 172 100
 171 35.5 26.6 40.0
 170 23.4 18.0 27.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.77 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF076916.D
 Acq: 16 Jan 2015 19:38

Tgt Ion:188 Resp: 172799
 Ion Ratio Lower Upper
 188 100
 94 9.4 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: BF076916.D

Acq: 16 Jan 2015 19:38

Instrument :

BNA_F

ClientSampleId :

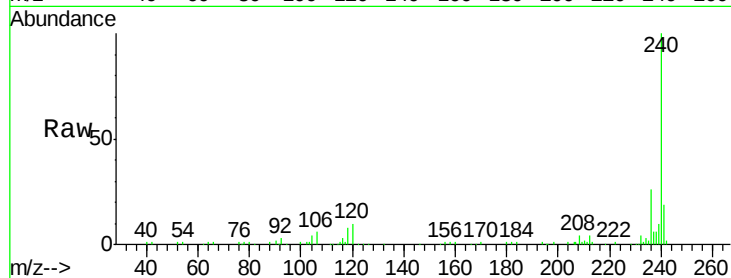
Tot Ion:240 Resp: 165436

Ion Ratio Lower Upper

240 100

120 9.7 10.4 15.6#

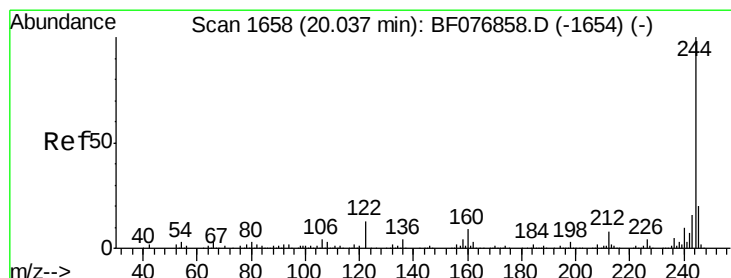
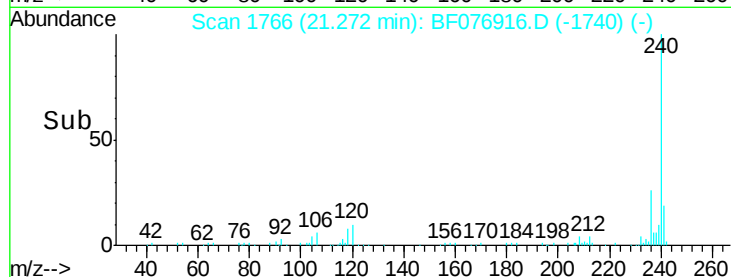
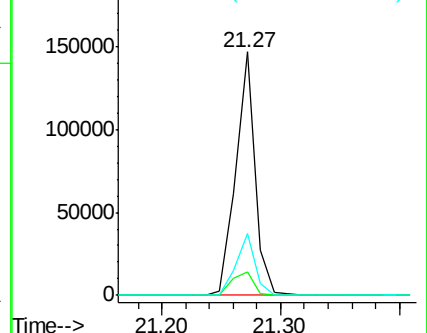
236 25.6 20.2 30.2



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: 68.12 ng

RT: 20.00 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BF076916.D

Acq: 16 Jan 2015 19:38

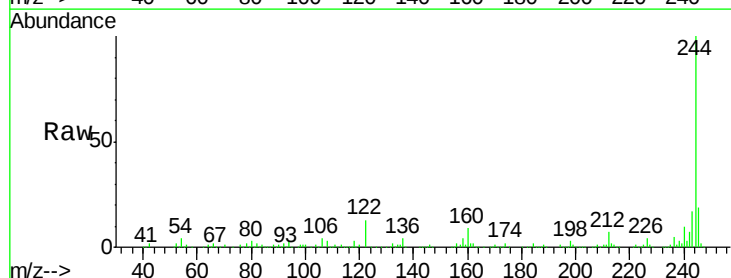
Tgt Ion:244 Resp: 489529

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

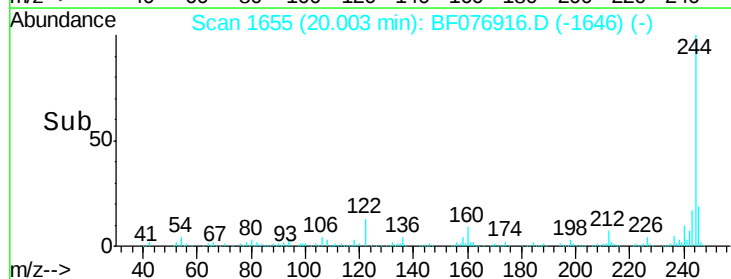
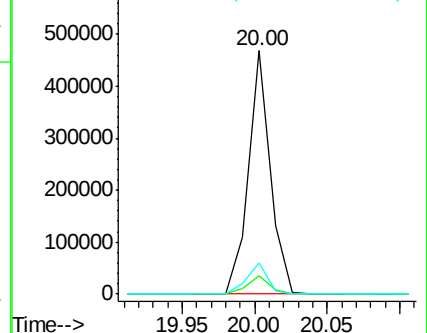
122 13.0 10.1 15.1

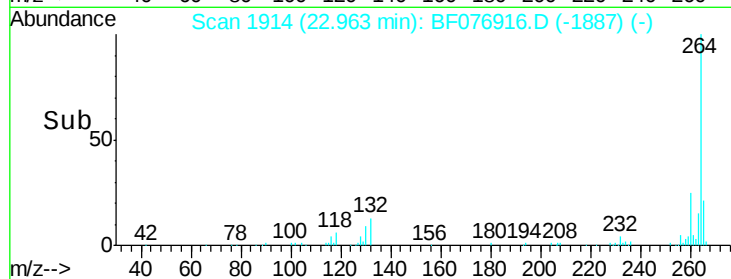
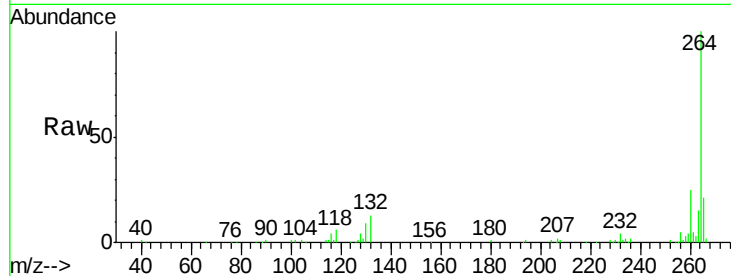
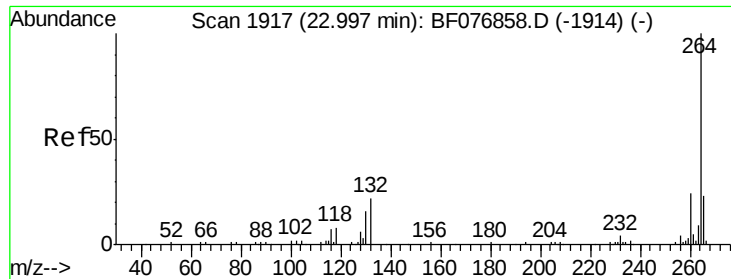


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 22.96 min Scan# 1914
 Delta R.T. 0.01 min
 Lab File: BF076916.D
 Acq: 16 Jan 2015 19:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.0	28.4
265	21.3	18.1	27.1

