

Data Path : Z:\HPCHEM1\BNA F\Data\BF011615\
 Data File : BF076921.D
 Acq On : 16 Jan 2015 22:31
 Operator : IZ / TP
 Sample : PB81373BL
 Misc : W
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 23:53:47 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

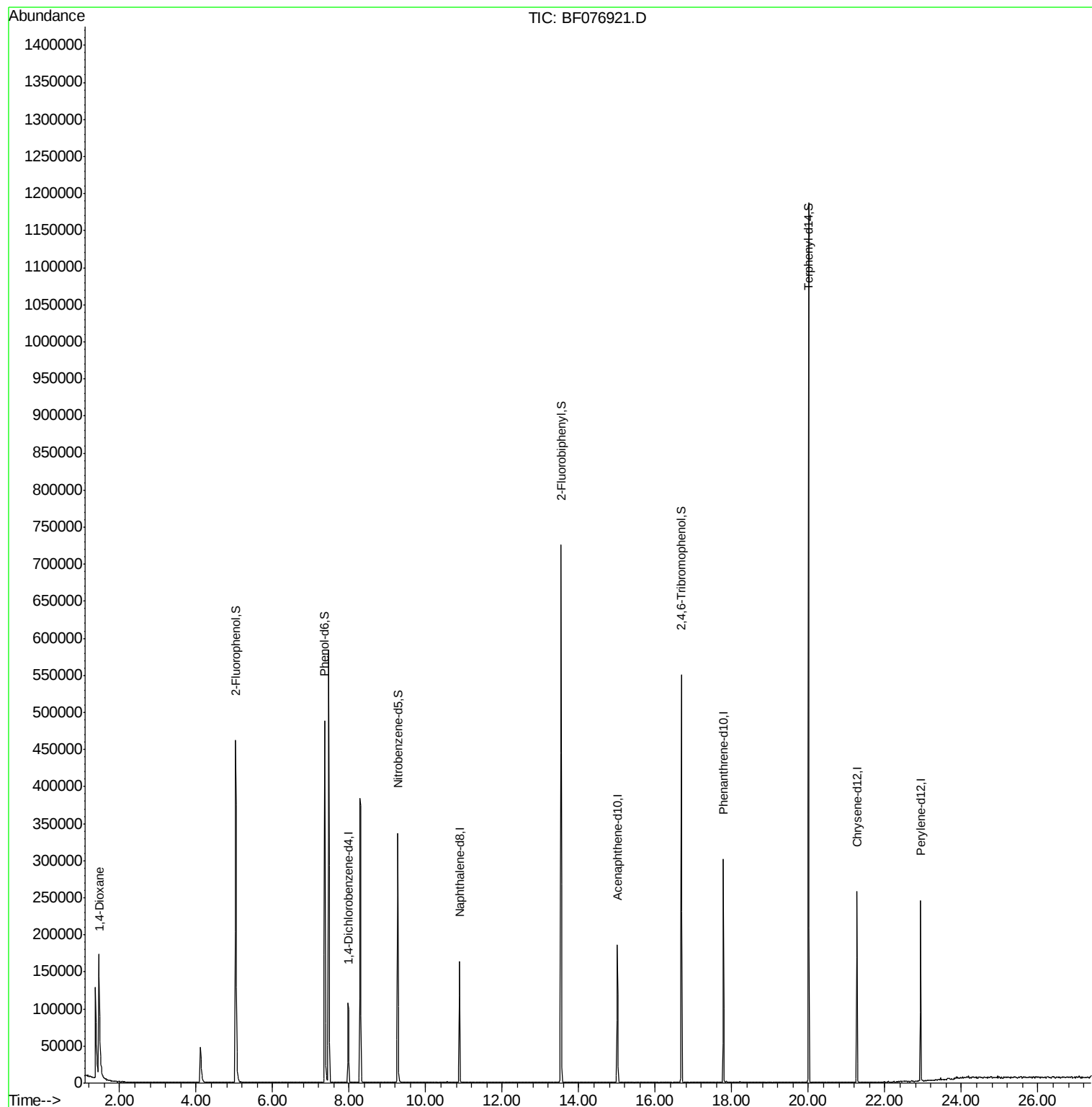
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	30743	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	133189	20.00	ng	0.00
38) Acenaphthene-d10	15.01	164	73046	20.00	ng	-0.01
63) Phenanthrene-d10	17.77	188	129359	20.00	ng	0.00
75) Chrysene-d12	21.27	240	121299	20.00	ng	0.00
86) Perylene-d12	22.93	264	107692	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	243616	130.29	ng	-0.01
7) Phenol-d6	7.36	99	299905	127.14	ng	-0.01
23) Nitrobenzene-d5	9.27	82	179435	74.64	ng	-0.01
41) 2,4,6-Tribromophenol	16.68	330	74590	125.80	ng	-0.01
44) 2-Fluorobiphenyl	13.53	172	372285	77.56	ng	0.00
78) Terphenyl-d14	20.00	244	415737	78.90	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.46	88	8621	10.77	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: BF076921.D

Acq: 16 Jan 2015 22:31

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BNA_F

ClientSampleId :

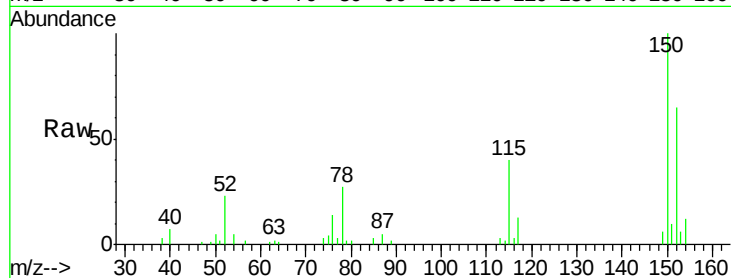
Tot Ion:152 Resp: 30743

Ion Ratio Lower Upper

152 100

150 152.7 121.7 182.5

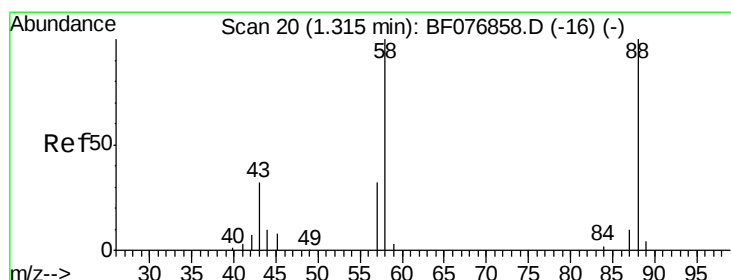
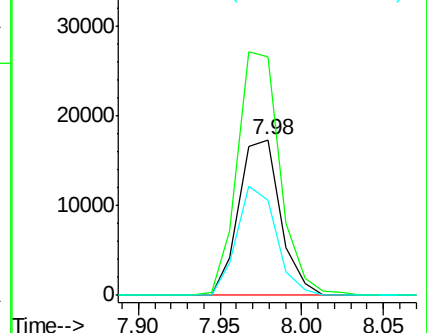
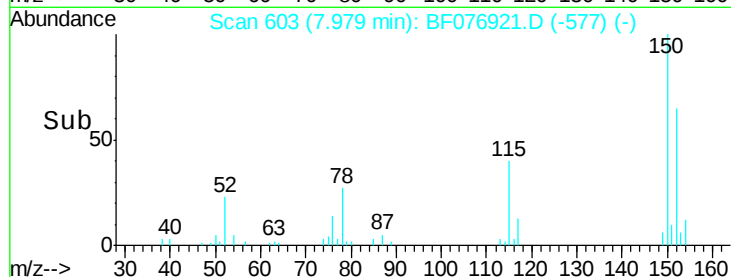
115 61.0 47.0 70.6



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: 10.77 ng

RT: 1.46 min Scan# 33

Delta R.T. 0.18 min

Lab File: BF076921.D

Acq: 16 Jan 2015 22:31

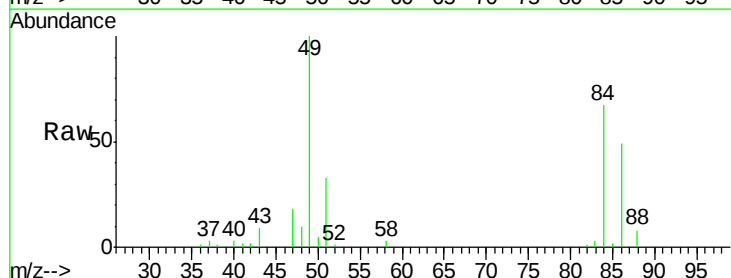
Tgt Ion: 88 Resp: 8621

Ion Ratio Lower Upper

88 100

58 0.0 77.0 115.4#

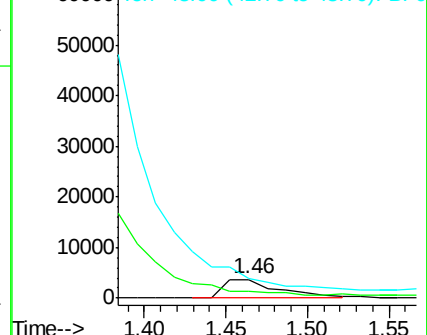
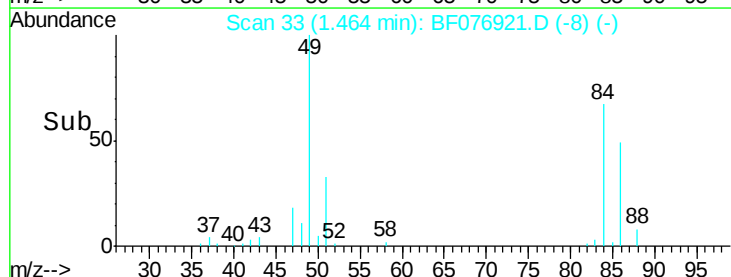
43 0.0 25.6 38.4#

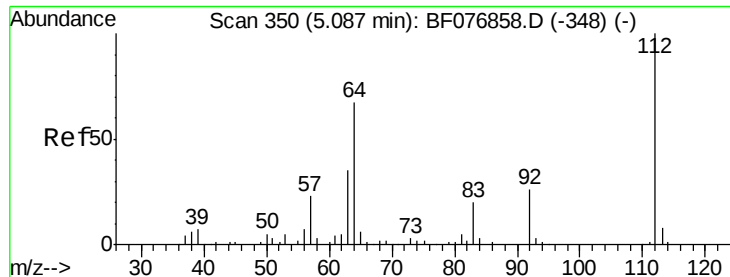


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

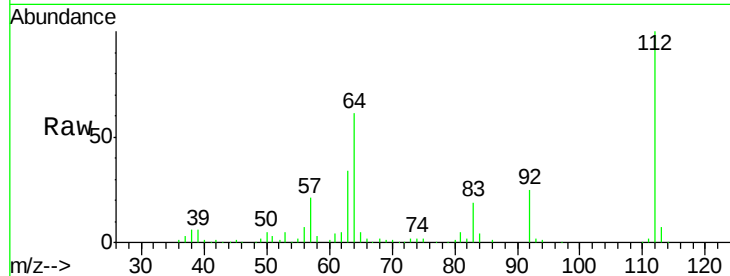




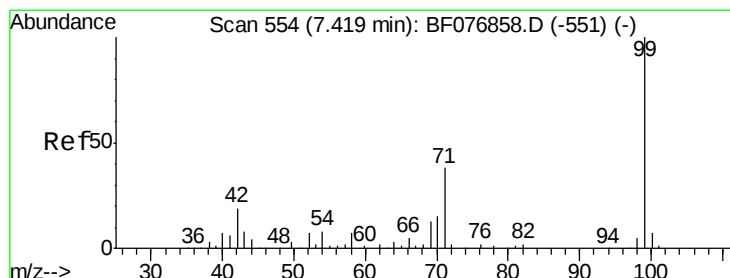
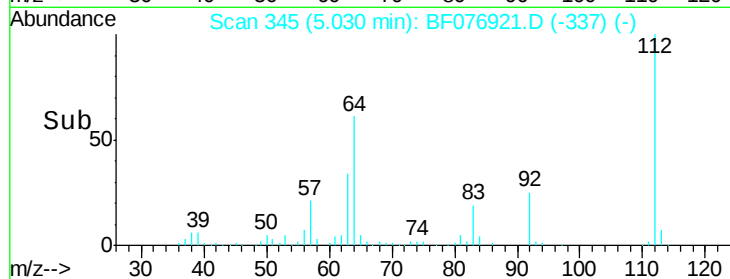
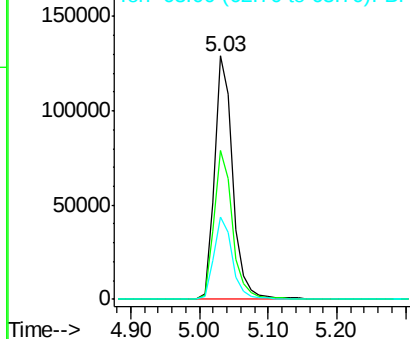
#5
 2-Fluorophenol
 Concen: 130.29 ng
 RT: 5.03 min Scan# 345
 Delta R.T. -0.01 min
 Lab File: BF076921.D
 Acq: 16 Jan 2015 22:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
112	100		
64	61.2	54.2	81.4
63	34.0	28.4	42.6

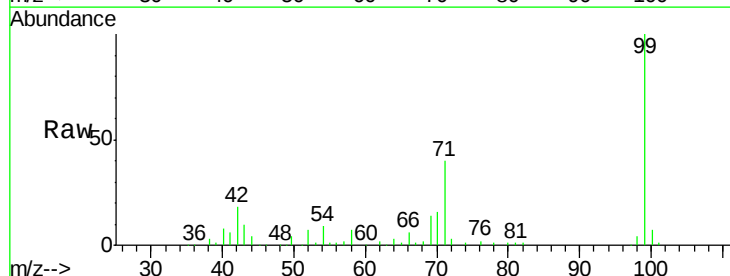


Abundance Ion 112.00 (111.70 to 112.70): BF076921.D (-337) (-)

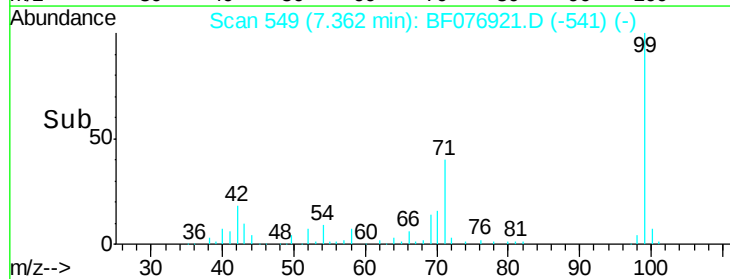
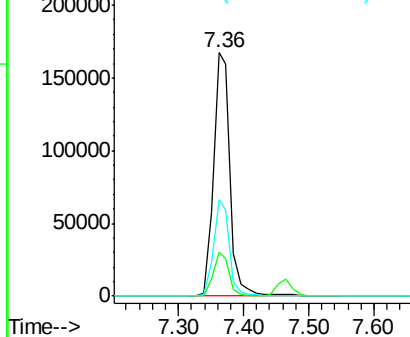


#7
 Phenol-d6
 Concen: 127.14 ng
 RT: 7.36 min Scan# 549
 Delta R.T. -0.01 min
 Lab File: BF076921.D
 Acq: 16 Jan 2015 22:31

Tgt Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.0	22.4
71	39.8	30.5	45.7



Abundance Ion 99.00 (98.70 to 99.70): BF076921.D (-541) (-)

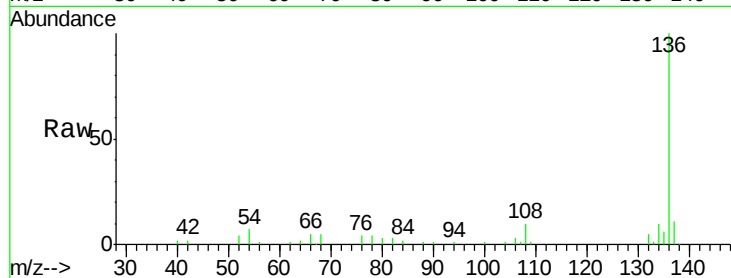




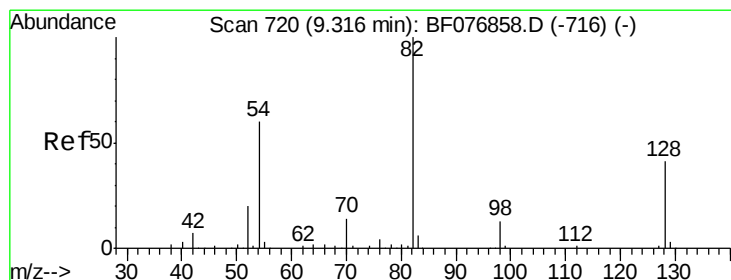
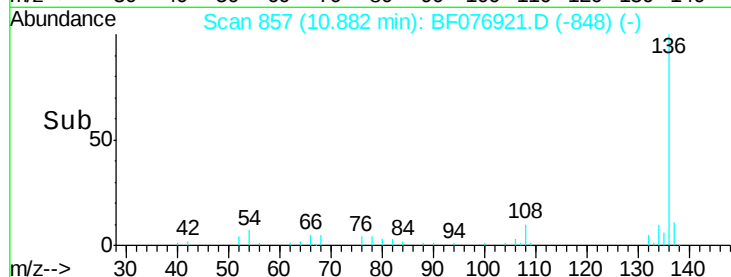
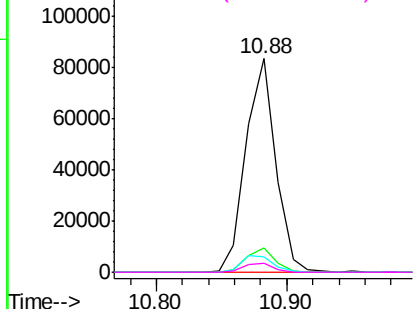
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF076921.D
Acq: 16 Jan 2015 22:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	133189
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.1 12.1
54	7.0	7.0 10.4
68	4.5	3.7 5.5

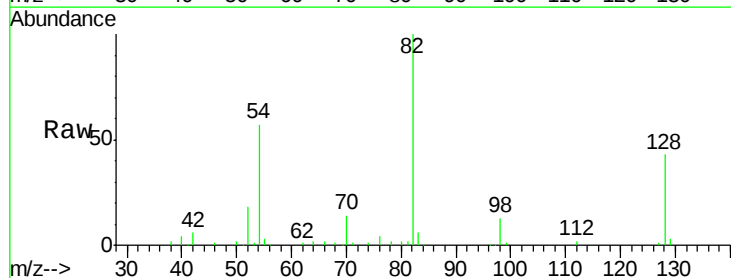


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

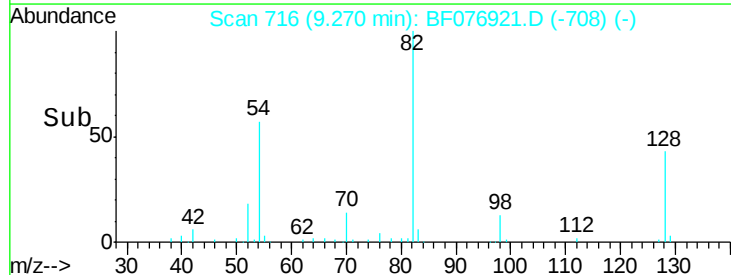
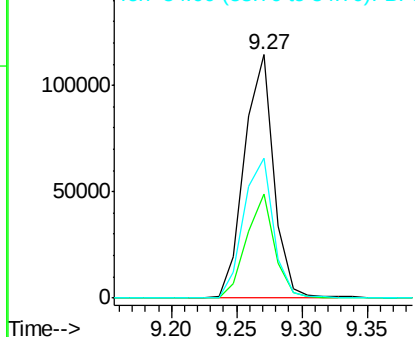


#23
Nitrobenzene-d5
Concen: 74.64 ng
RT: 9.27 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF076921.D
Acq: 16 Jan 2015 22:31

Tgt Ion: 82	Resp:	179435
Ion	Ratio	Lower Upper
82	100	
128	42.7	33.1 49.7
54	57.4	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: BF076921.D

Acq: 16 Jan 2015 22:31

Instrument :

BNA_F

ClientSampleId :

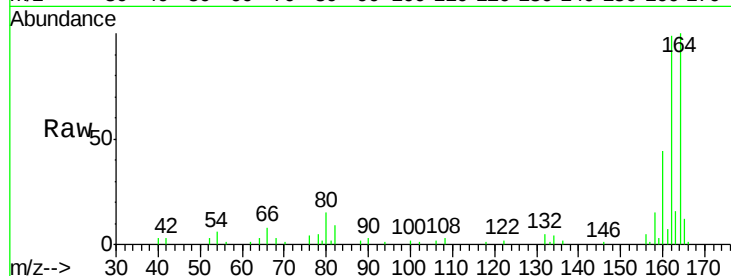
Tot Ion:164 Resp: 73046

Ion Ratio Lower Upper

164 100

162 99.1 82.4 123.6

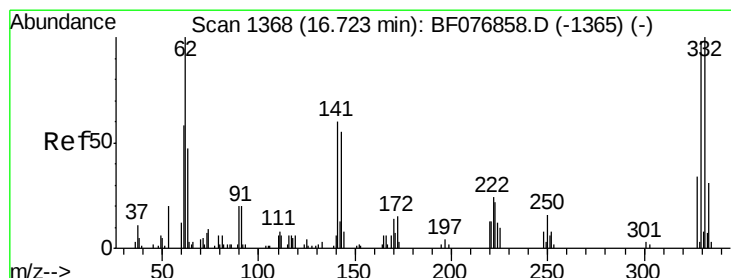
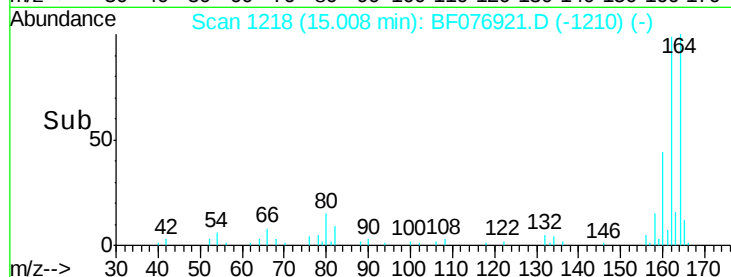
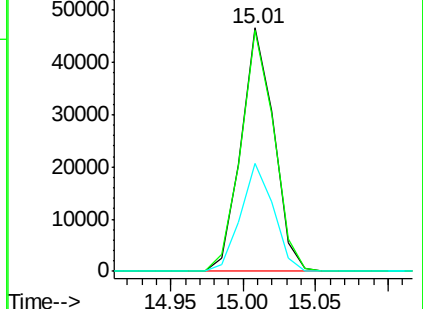
160 44.2 34.8 52.2



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: 125.80 ng

RT: 16.68 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BF076921.D

Acq: 16 Jan 2015 22:31

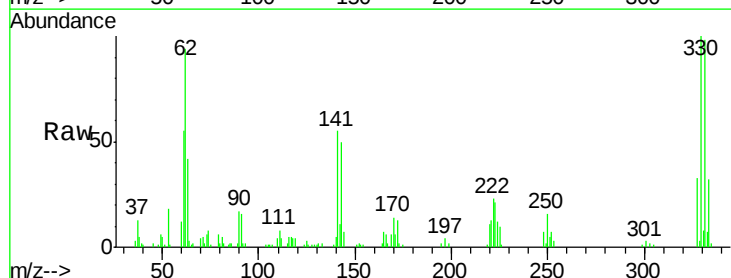
Tgt Ion:330 Resp: 74590

Ion Ratio Lower Upper

330 100

332 95.5 77.8 116.6

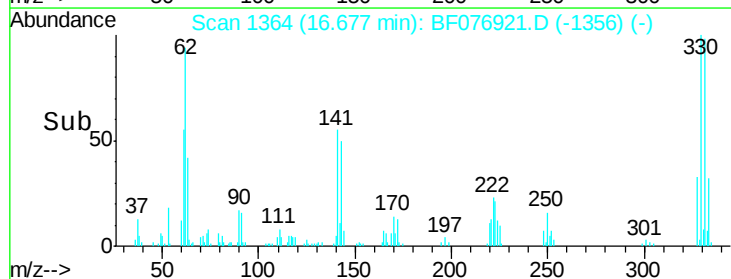
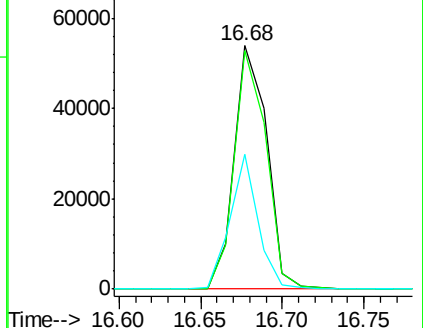
141 47.4 38.5 57.7

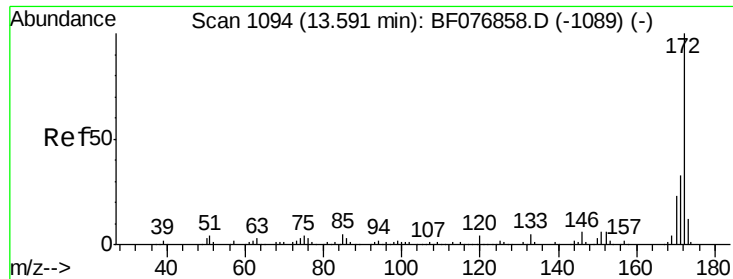


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

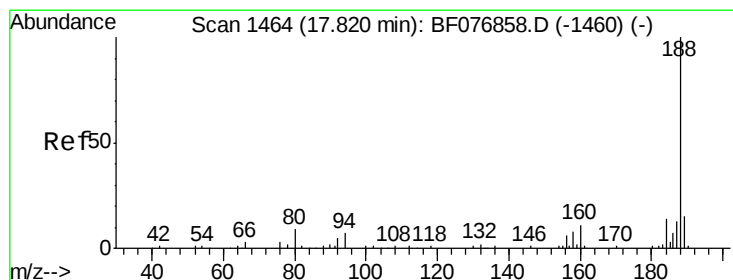
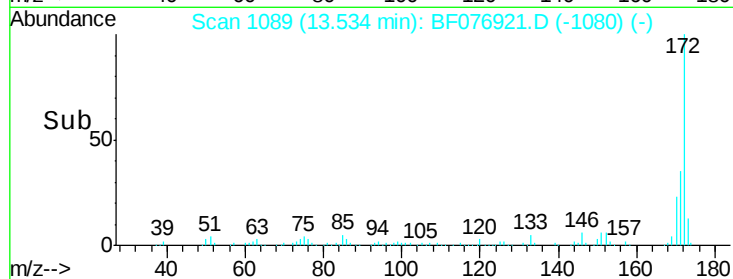
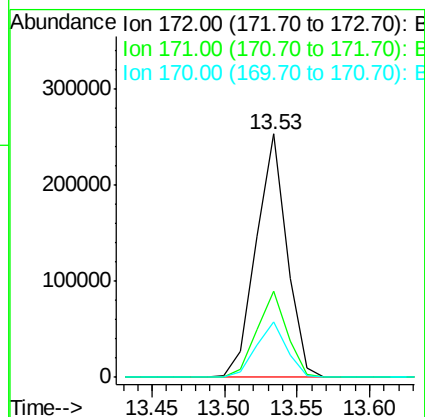
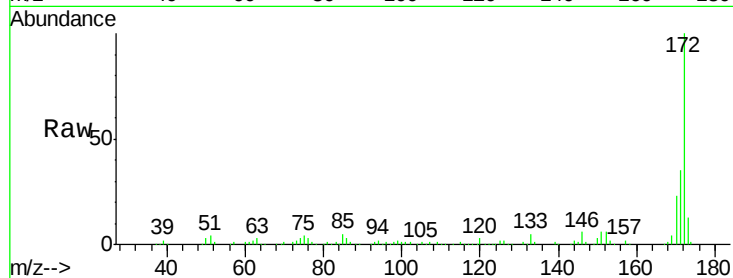




#44
 2-Fluorobiphenyl
 Concen: 77.56 ng
 RT: 13.53 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF076921.D
 Acq: 16 Jan 2015 22:31

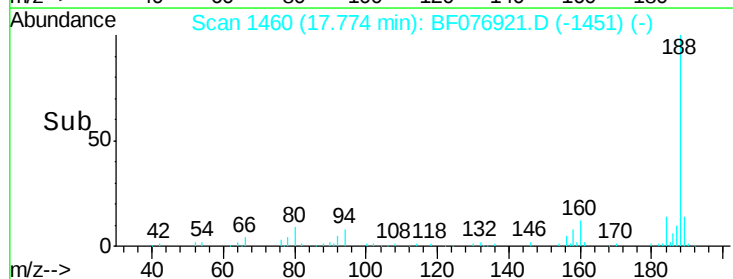
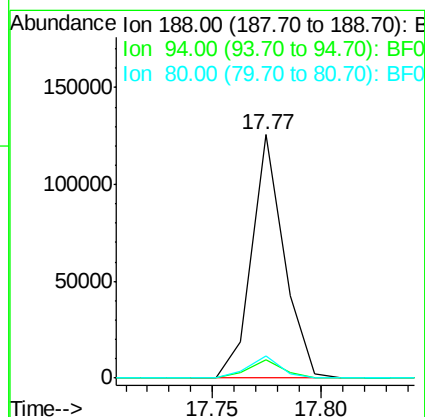
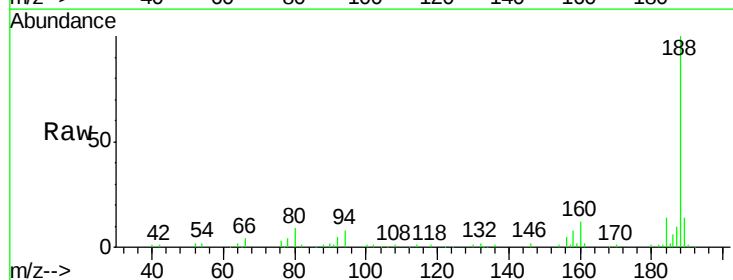
Instrument :
 BNA_F
 ClientSampleId :

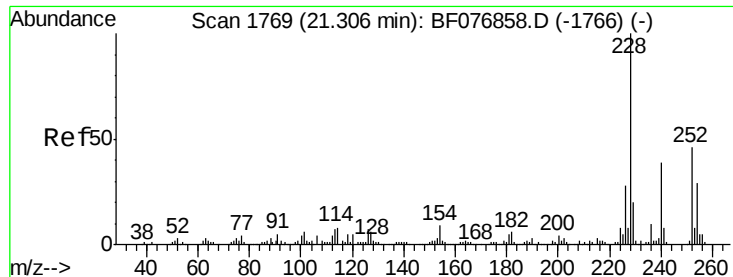
Tot Ion:172 Resp: 372285
 Ion Ratio Lower Upper
 172 100
 171 35.2 26.6 40.0
 170 22.9 18.0 27.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.77 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: BF076921.D
 Acq: 16 Jan 2015 22:31

Tgt Ion:188 Resp: 129359
 Ion Ratio Lower Upper
 188 100
 94 7.7 6.0 9.0
 80 8.9 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: BF076921.D

Acq: 16 Jan 2015 22:31

Instrument :

BNA_F

ClientSampleId :

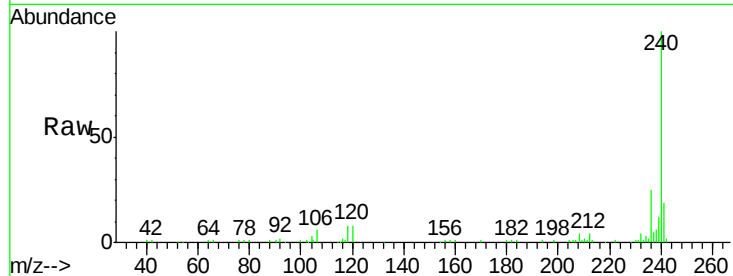
Tot Ion:240 Resp: 121299

Ion Ratio Lower Upper

240 100

120 8.3 10.4 15.6#

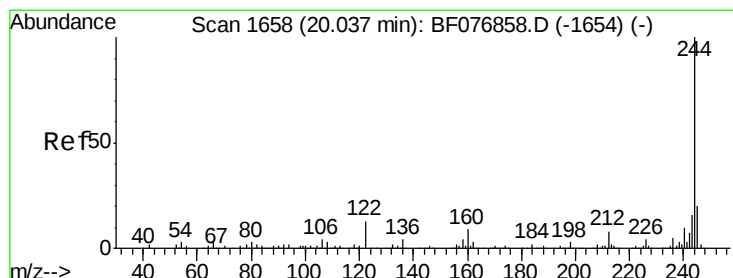
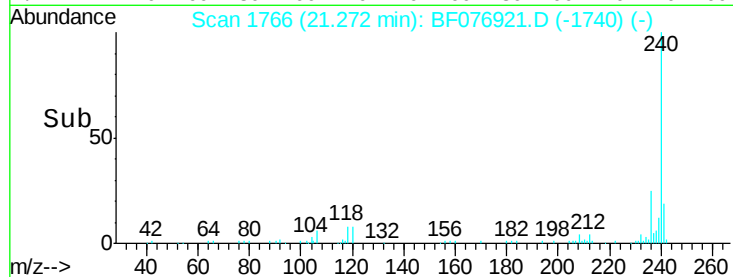
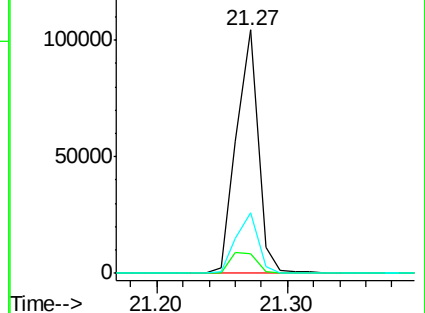
236 24.7 20.2 30.2



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: 78.90 ng

RT: 20.00 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BF076921.D

Acq: 16 Jan 2015 22:31

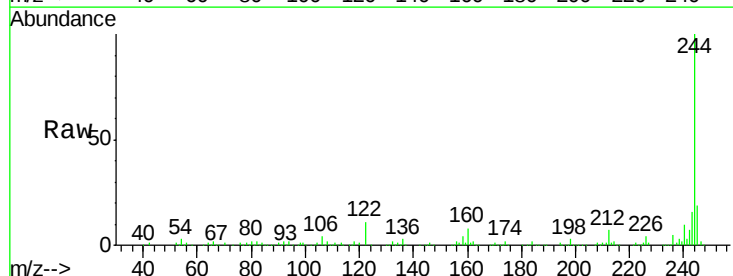
Tgt Ion:244 Resp: 415737

Ion Ratio Lower Upper

244 100

212 7.3 6.3 9.5

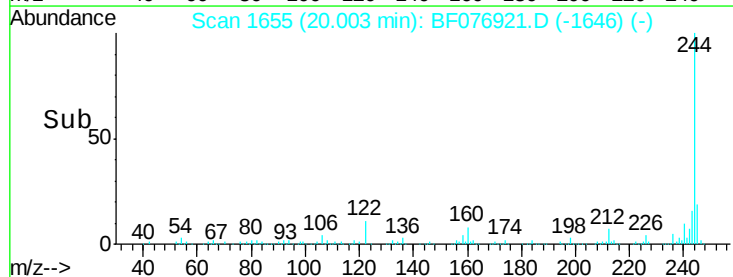
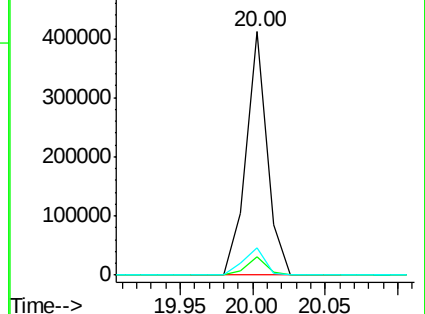
122 11.2 10.1 15.1

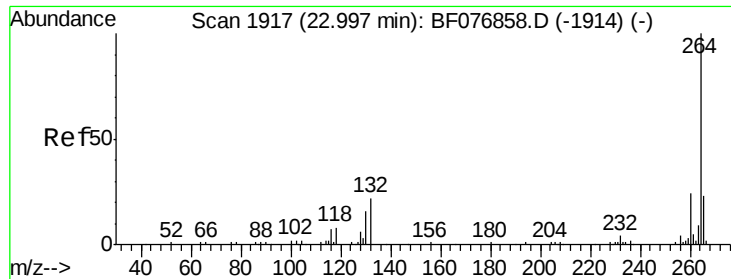


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

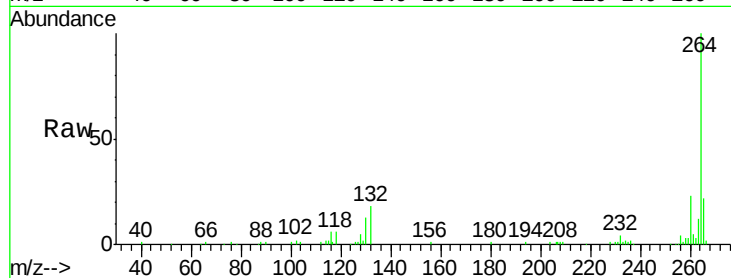




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 22.93 min Scan# 1911
 Delta R.T. -0.02 min
 Lab File: BF076921.D
 Acq: 16 Jan 2015 22:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264 Resp: 107692
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.4
 265 21.8 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

