

Data Path : Z:\HPCHEM1\BNA F\Data\BF011615\
 Data File : BF076919.D
 Acq On : 16 Jan 2015 21:22
 Operator : IZ / TP
 Sample : G1080-01
 Misc : W
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 23:44:21 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

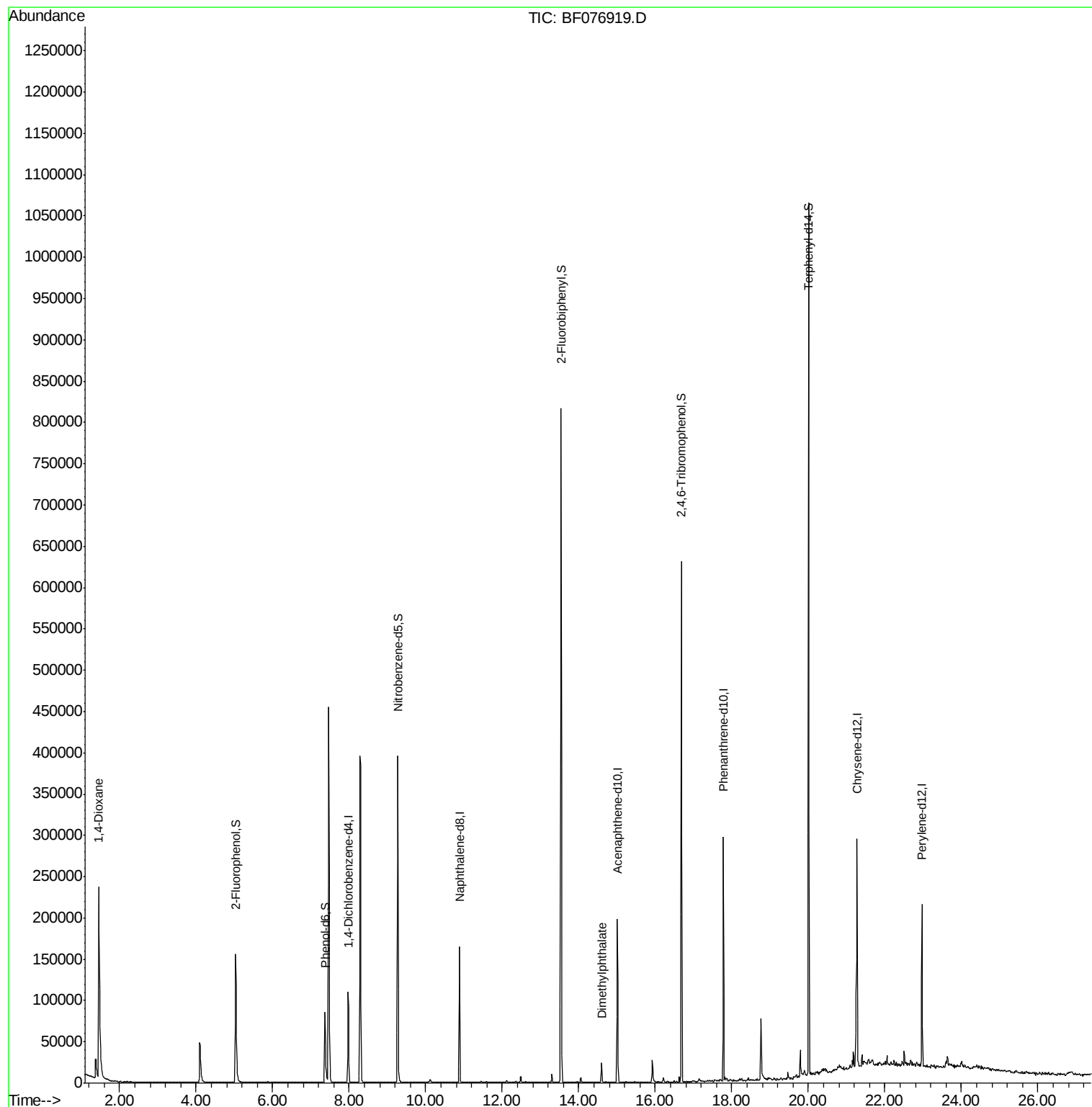
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	30781	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	133669	20.00	ng	0.00
38) Acenaphthene-d10	15.01	164	73389	20.00	ng	-0.01
63) Phenanthrene-d10	17.77	188	123119	20.00	ng	0.00
75) Chrysene-d12	21.27	240	106320	20.00	ng	0.00
86) Perylene-d12	22.97	264	91647	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	88929	47.50	ng	-0.01
7) Phenol-d6	7.37	99	66563	28.18	ng	0.00
23) Nitrobenzene-d5	9.27	82	201504	83.52	ng	-0.01
41) 2,4,6-Tribromophenol	16.68	330	84418	141.71	ng	-0.01
44) 2-Fluorobiphenyl	13.53	172	429274	89.02	ng	0.00
78) Terphenyl-d14	20.00	244	370825	80.30	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.45	88	11986	14.95	ng	Qvalue # 12
49) Dimethylphthalate	14.60	163	17197	3.30	ng	99

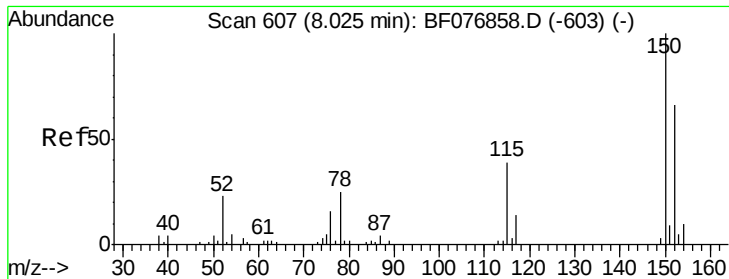
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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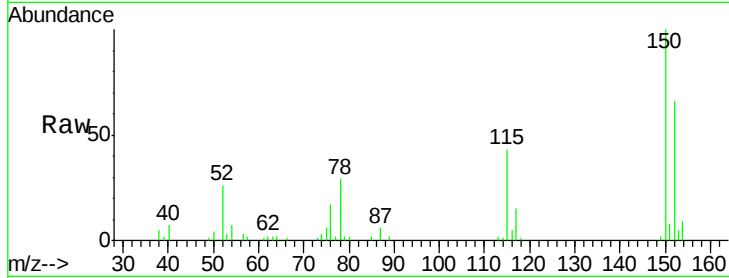


#1

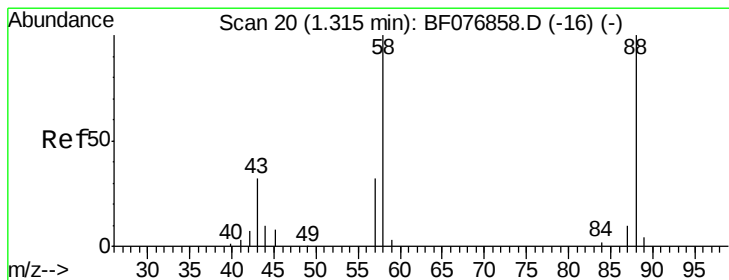
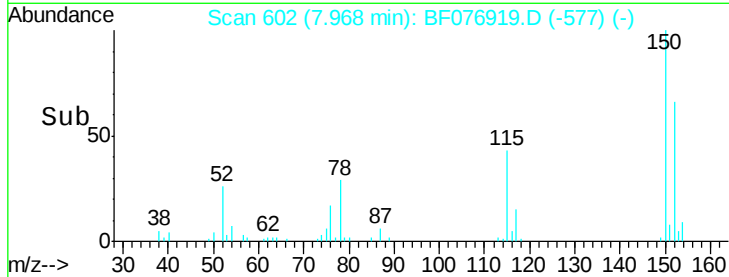
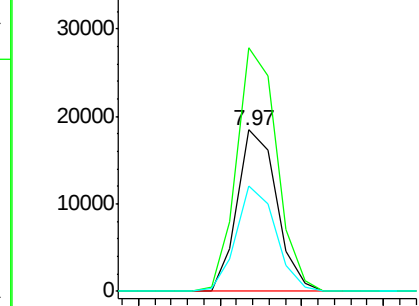
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.97 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF076919.D
Acq: 16 Jan 2015 21:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 30781
Ion Ratio Lower Upper
152 100
150 150.6 121.7 182.5
115 65.1 47.0 70.6



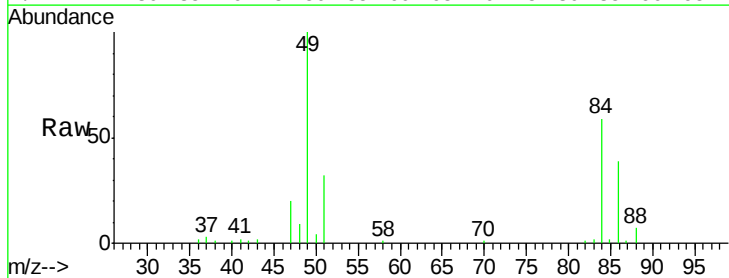
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



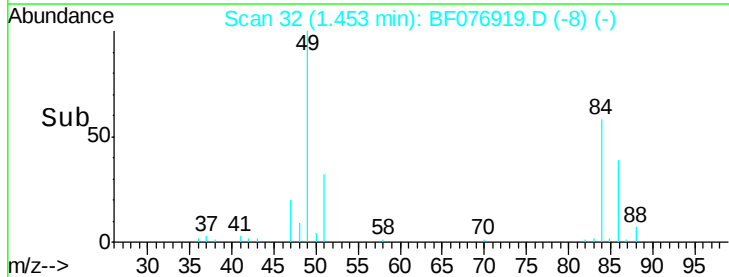
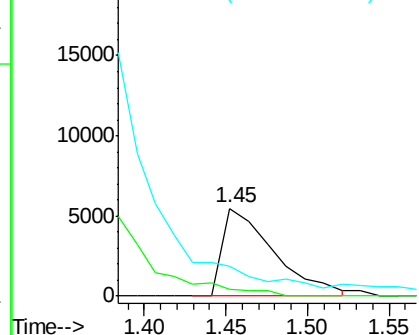
#2

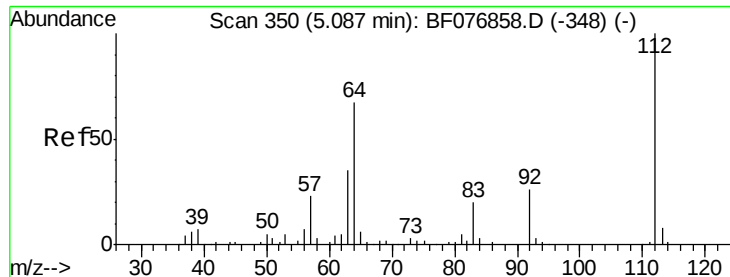
1,4-Dioxane
Concen: 14.95 ng
RT: 1.45 min Scan# 32
Delta R.T. 0.17 min
Lab File: BF076919.D
Acq: 16 Jan 2015 21:22

Tgt Ion: 88 Resp: 11986
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: 47.50 ng

RT: 5.03 min Scan# 345

Delta R.T. -0.01 min

Lab File: BF076919.D

Acq: 16 Jan 2015 21:22

Instrument :

BNA_F

ClientSampled :

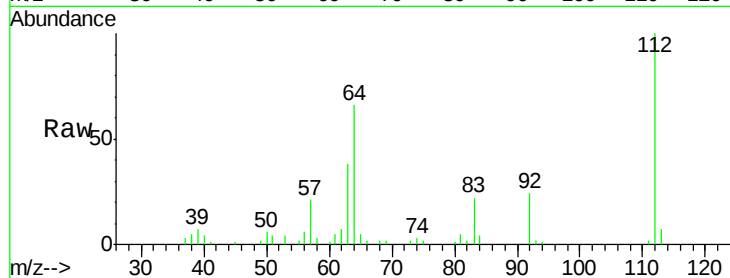
Tot Ion: 112 Resp: 88929

Ion Ratio Lower Upper

112 100

64 66.4 54.2 81.4

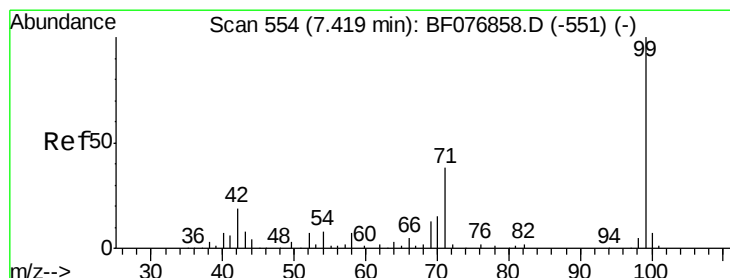
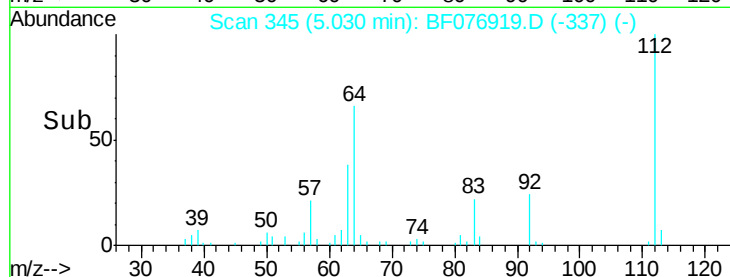
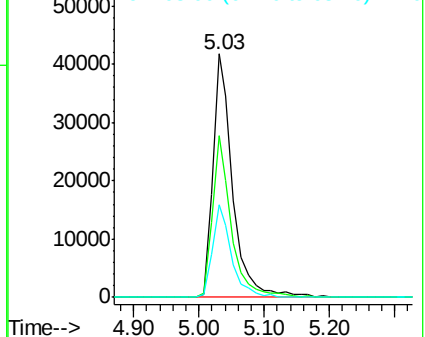
63 38.2 28.4 42.6



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: 28.18 ng

RT: 7.37 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF076919.D

Acq: 16 Jan 2015 21:22

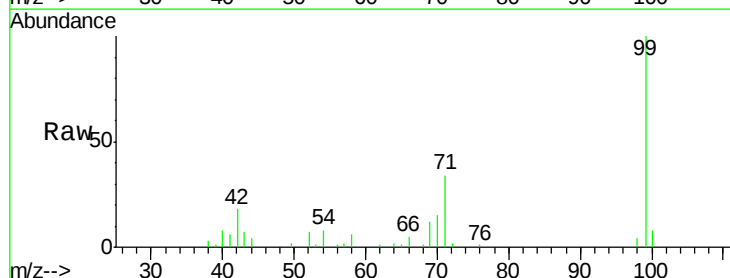
Tgt Ion: 99 Resp: 66563

Ion Ratio Lower Upper

99 100

42 18.3 15.0 22.4

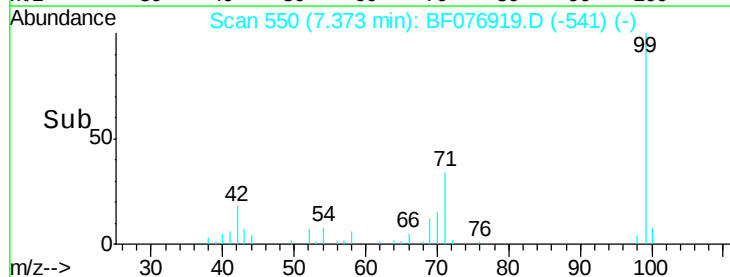
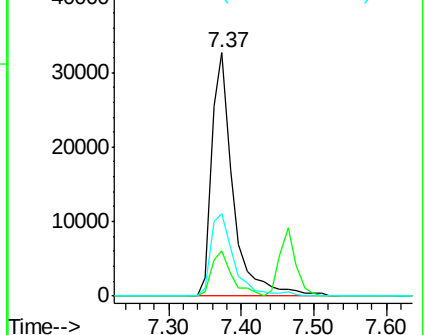
71 33.8 30.5 45.7

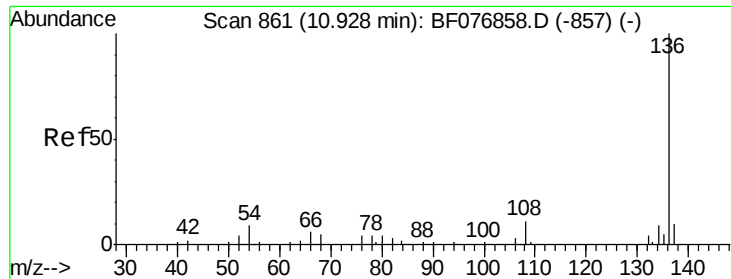


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

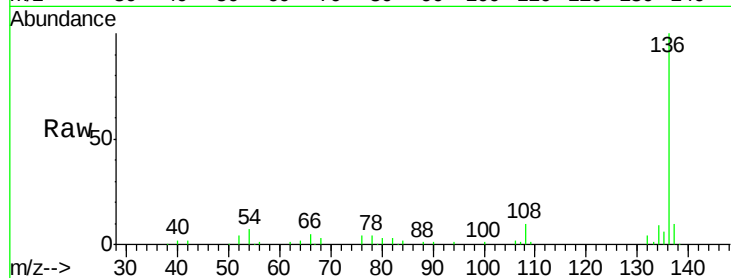




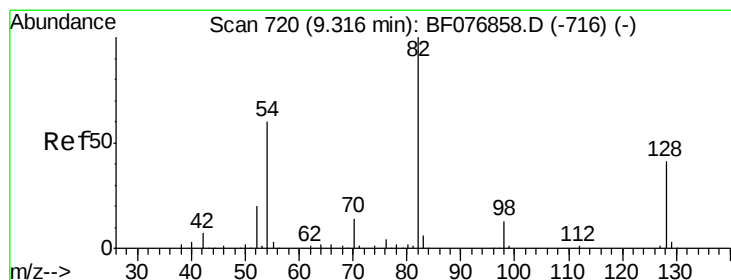
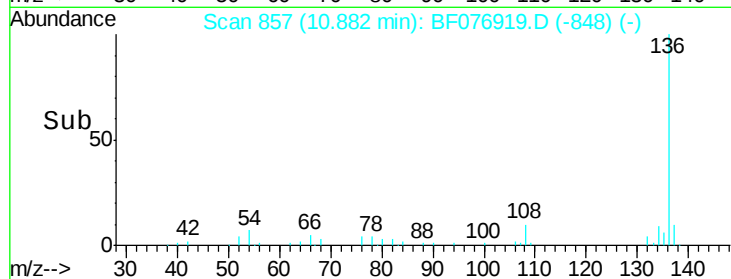
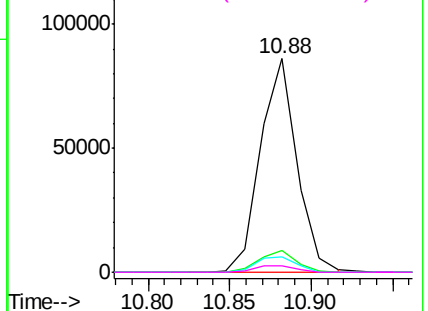
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF076919.D
Acq: 16 Jan 2015 21:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	133669
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.1 12.1
54	7.2	7.0 10.4
68	3.2	3.7 5.5#

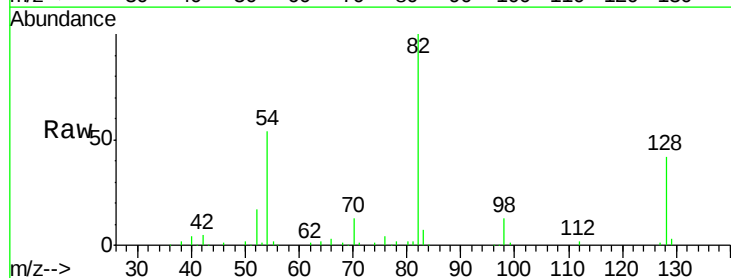


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

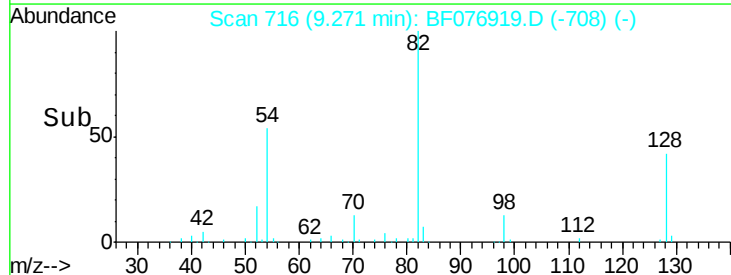
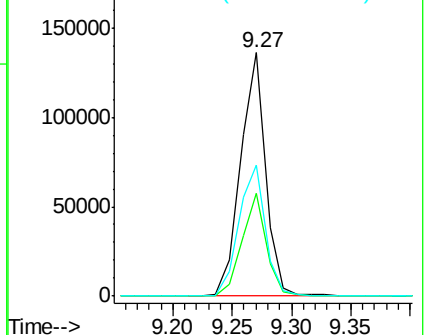


#23
Nitrobenzene-d5
Concen: 83.52 ng
RT: 9.27 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF076919.D
Acq: 16 Jan 2015 21:22

Tgt Ion: 82	Resp:	201504
Ion Ratio	Lower	Upper
82	100	
128	42.3	33.1 49.7
54	53.8	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: BF076919.D

Acq: 16 Jan 2015 21:22

Instrument :

BNA_F

ClientSampleId :

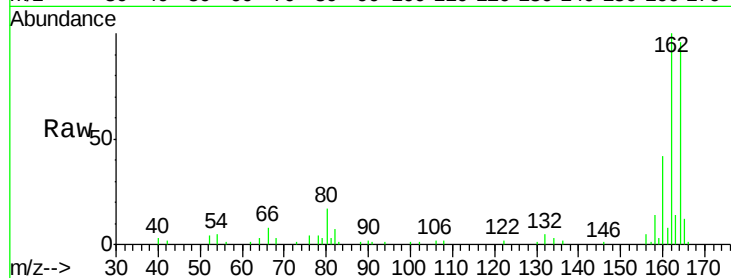
Tot Ion:164 Resp: 73389

Ion Ratio Lower Upper

164 100

162 104.7 82.4 123.6

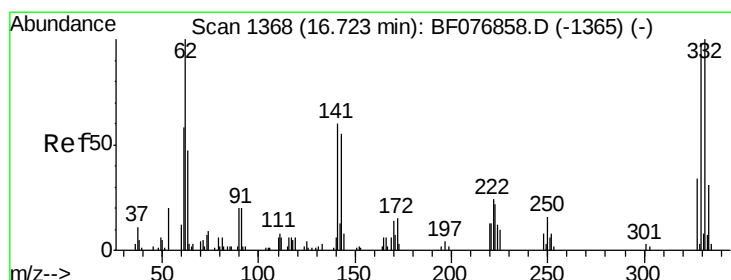
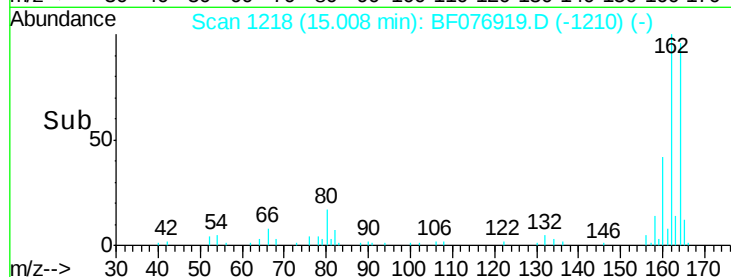
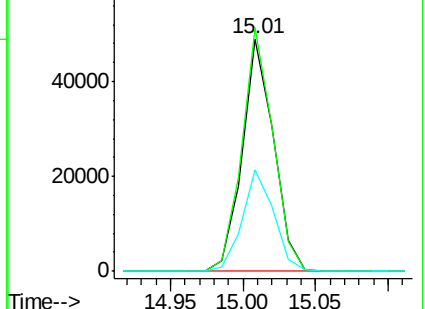
160 43.5 34.8 52.2



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: 141.71 ng

RT: 16.68 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BF076919.D

Acq: 16 Jan 2015 21:22

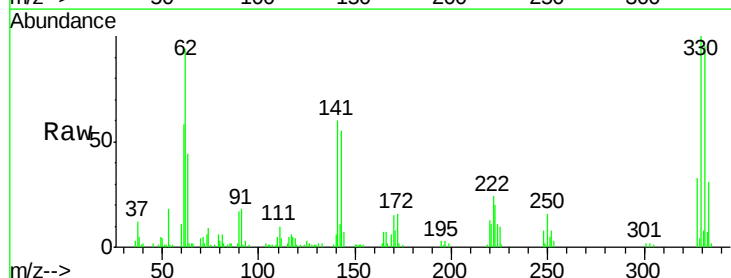
Tgt Ion:330 Resp: 84418

Ion Ratio Lower Upper

330 100

332 96.7 77.8 116.6

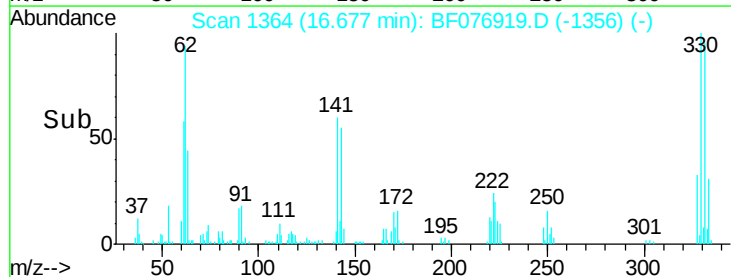
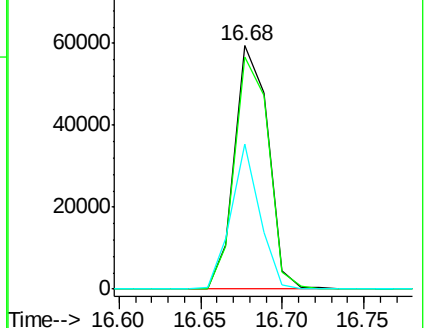
141 51.2 38.5 57.7

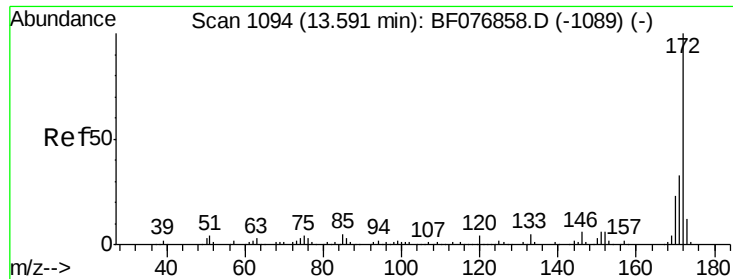


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

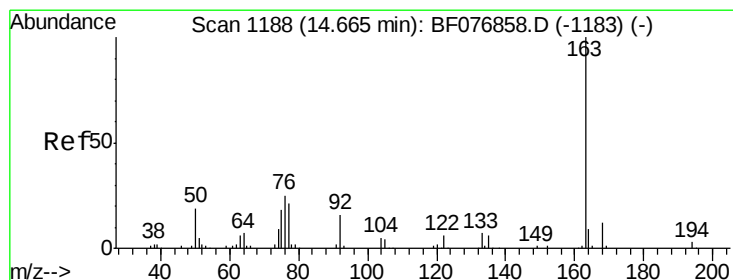
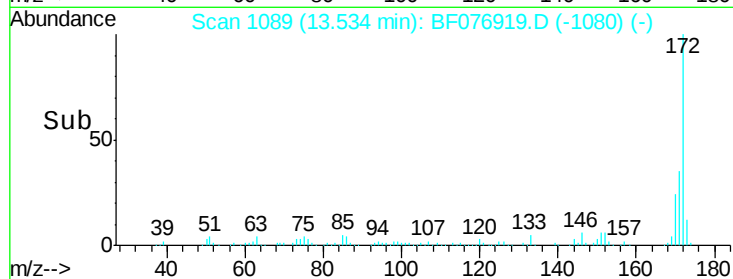
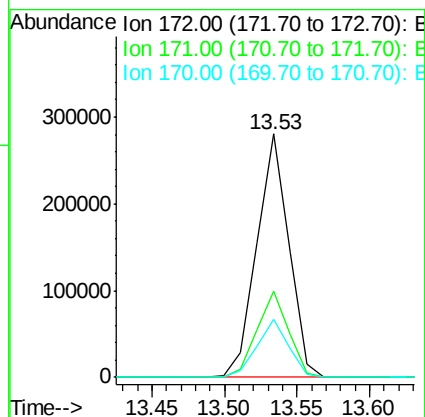
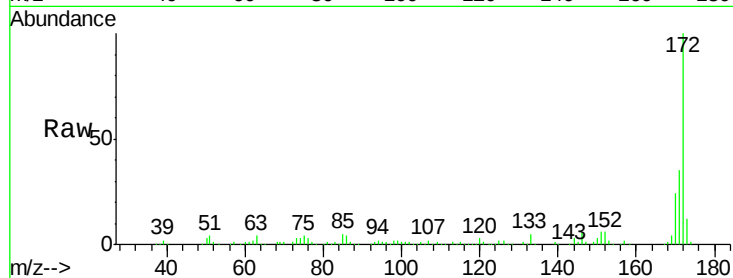




#44
2-Fluorobiphenyl
Concen: 89.02 ng
RT: 13.53 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BF076919.D
Acq: 16 Jan 2015 21:22

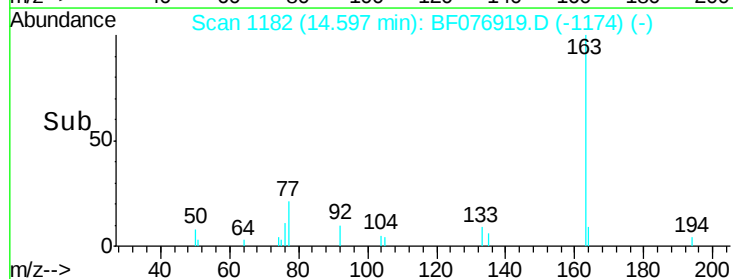
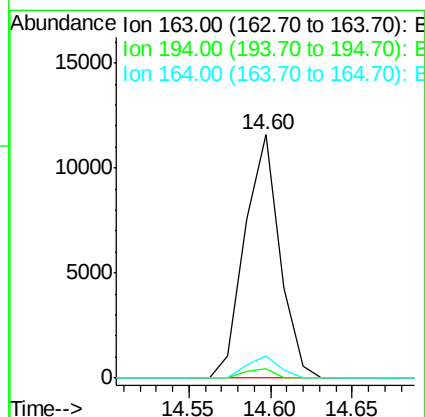
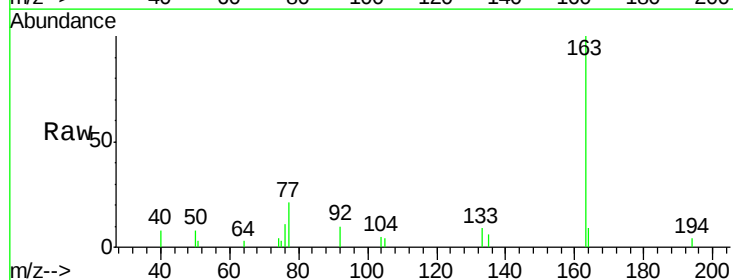
Instrument :
BNA_F
ClientSampleId :

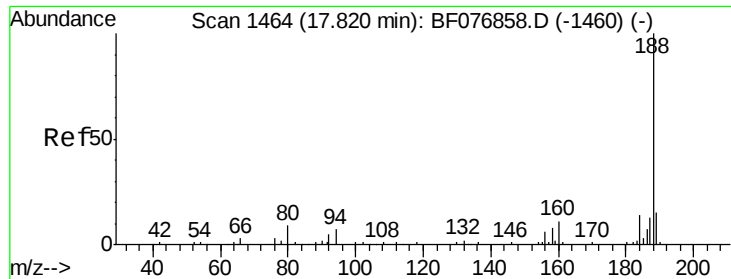
Tot Ion:172 Resp: 429274
Ion Ratio Lower Upper
172 100
171 35.5 26.6 40.0
170 23.8 18.0 27.0



#49
Dimethylphthalate
Concen: 3.30 ng
RT: 14.60 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF076919.D
Acq: 16 Jan 2015 21:22

Tgt Ion:163 Resp: 17197
Ion Ratio Lower Upper
163 100
194 3.9 2.6 4.0
164 9.3 7.5 11.3

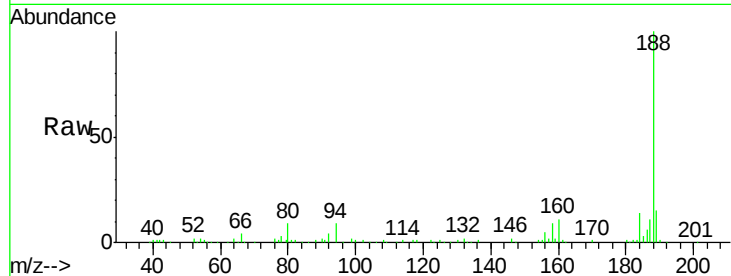




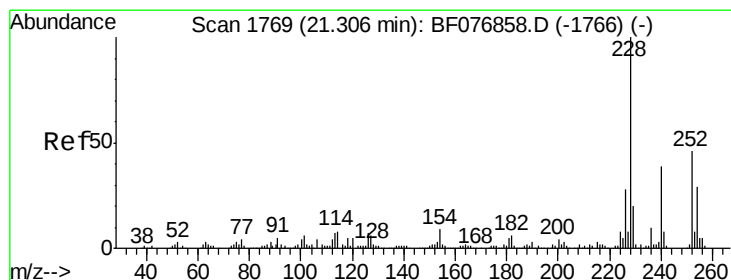
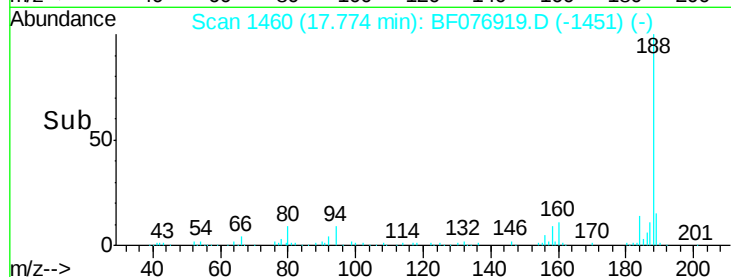
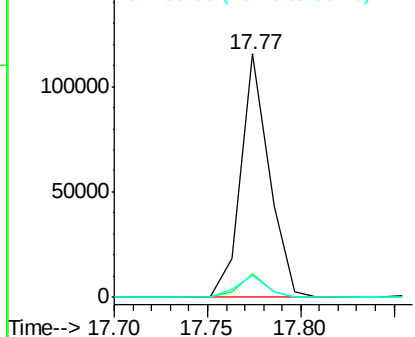
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.77 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: BF076919.D
 Acq: 16 Jan 2015 21:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 123119
 Ion Ratio Lower Upper
 188 100
 94 9.4 6.0 9.0#
 80 9.2 6.9 10.3

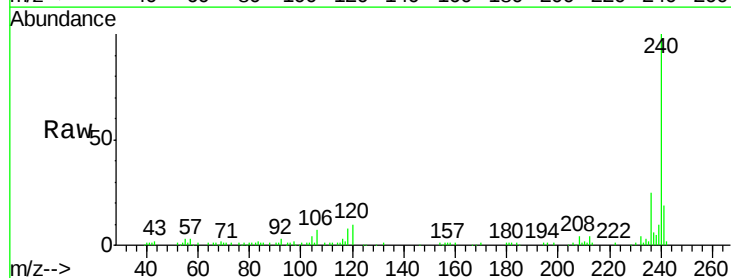


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

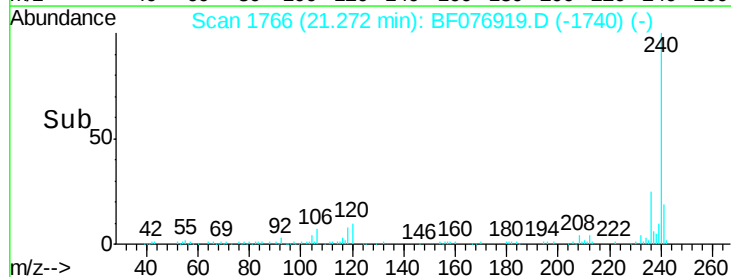
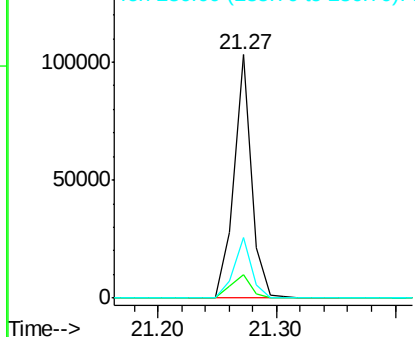


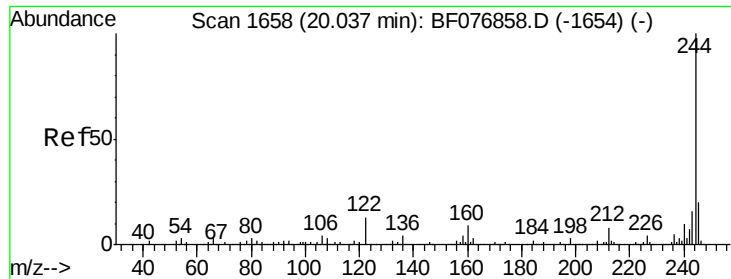
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.27 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BF076919.D
 Acq: 16 Jan 2015 21:22

Tgt Ion:240 Resp: 106320
 Ion Ratio Lower Upper
 240 100
 120 9.7 10.4 15.6#
 236 25.1 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

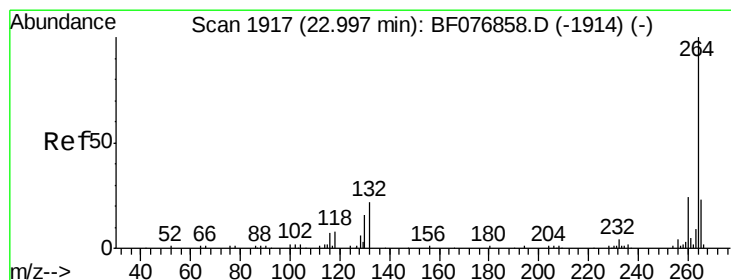
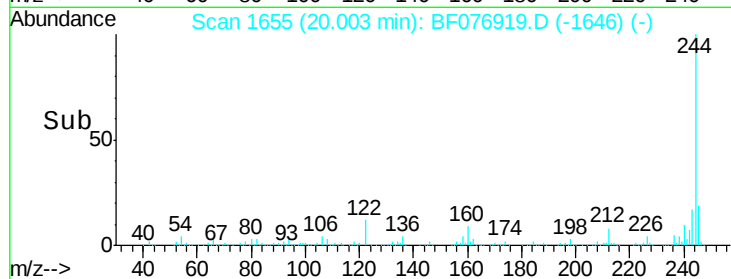
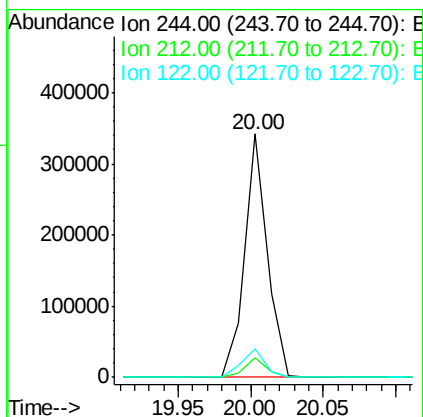
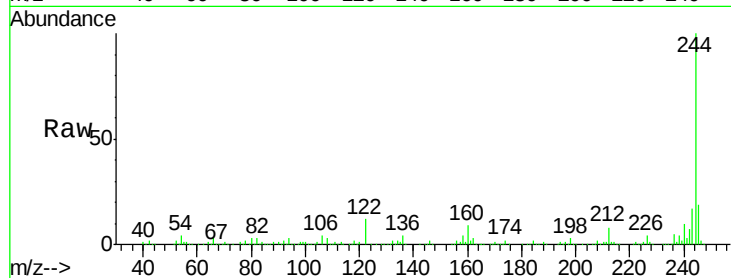




#78
 Terphenyl-d14
 Concen: 80.30 ng
 RT: 20.00 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: BF076919.D
 Acq: 16 Jan 2015 21:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 370825
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 11.9 10.1 15.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.97 min Scan# 1915
 Delta R.T. 0.02 min
 Lab File: BF076919.D
 Acq: 16 Jan 2015 21:22

Tgt Ion:264 Resp: 91647
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.0 28.4
 265 22.1 18.1 27.1

