

Data Path : Z:\HPCHEM1\BNA F\Data\BF011415\
 Data File : BF076867.D
 Acq On : 14 Jan 2015 19:27
 Operator : IZ / TP
 Sample : G1077-01
 Misc : S
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 15 00:13:03 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 14 23:27:58 2015
 Response via : Initial Calibration

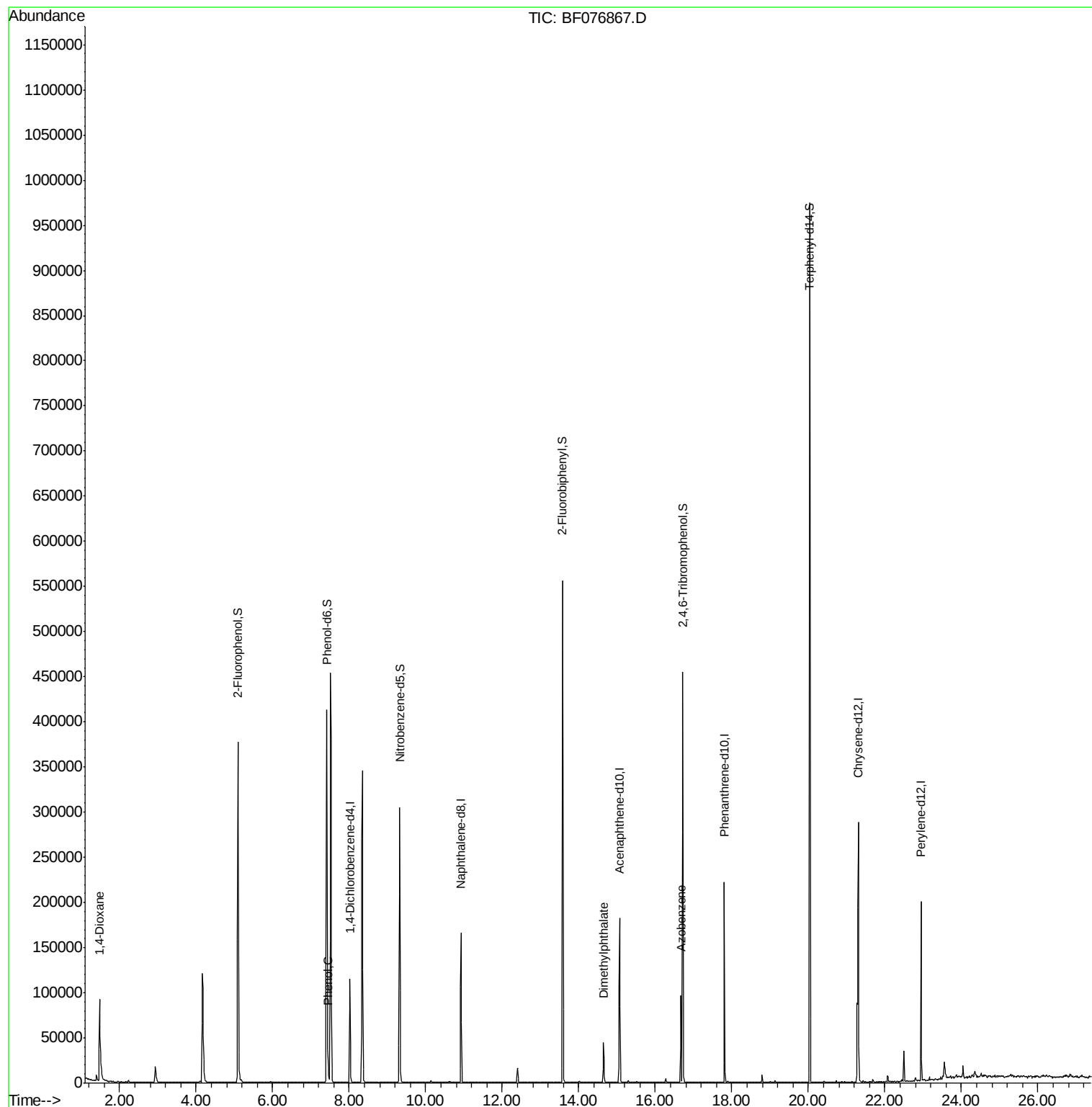
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	31795	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	128408	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	69780	20.00	ng	-0.01
63) Phenanthrene-d10	17.81	188	122872	20.00	ng	-0.01
75) Chrysene-d12	21.31	240	125170	20.00	ng	0.00
86) Perylene-d12	22.95	264	113179	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	192607	99.60	ng	0.00
7) Phenol-d6	7.42	99	260842	106.92	ng	0.00
23) Nitrobenzene-d5	9.32	82	156719	67.62	ng	0.00
41) 2,4,6-Tribromophenol	16.72	330	61286	108.20	ng	0.00
44) 2-Fluorobiphenyl	13.58	172	321176	70.04	ng	-0.01
78) Terphenyl-d14	20.04	244	350232	64.42	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.48	88	3877	4.68	ng	# 12
10) Phenol	7.44	94	8330	3.22	ng	94
49) Dimethylphthalate	14.64	163	31743	6.41	ng	# 97
62) Azobenzene	16.67	77	23975	4.60	ng	# 1

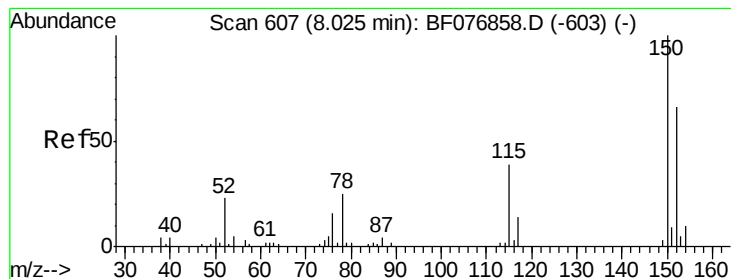
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF011415\
Data File : BF076867.D
Acq On : 14 Jan 2015 19:27
Operator : IZ / TP
Sample : G1077-01
Misc : S
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 15 00:13:03 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 14 23:27:58 2015
Response via : Initial Calibration



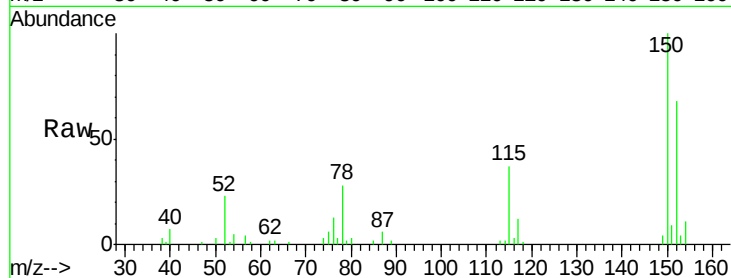


#1

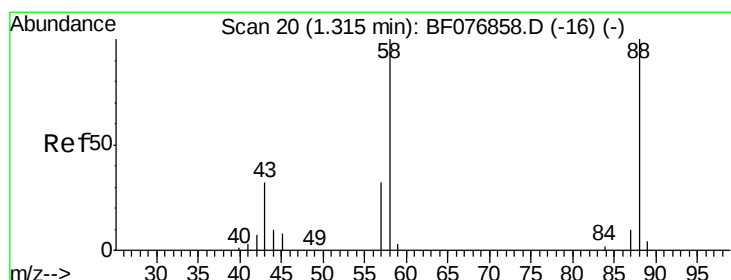
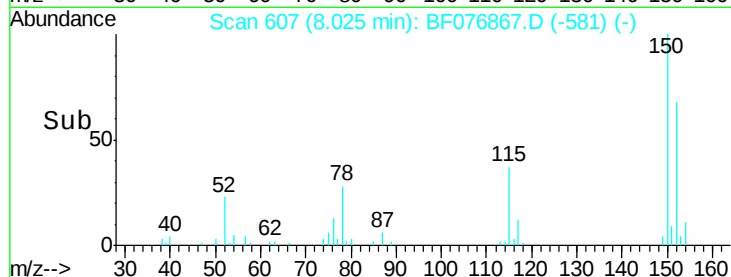
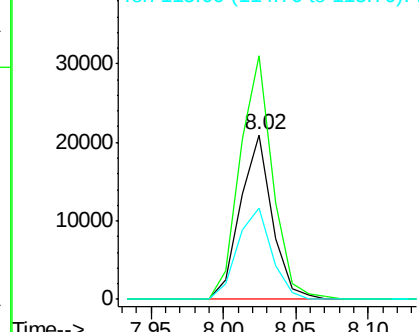
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.02 min Scan# 607
Delta R.T. 0.00 min
Lab File: BF076867.D
Acq: 14 Jan 2015 19:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 31795
Ion Ratio Lower Upper
152 100
150 147.8 121.7 182.5
115 55.4 47.0 70.6



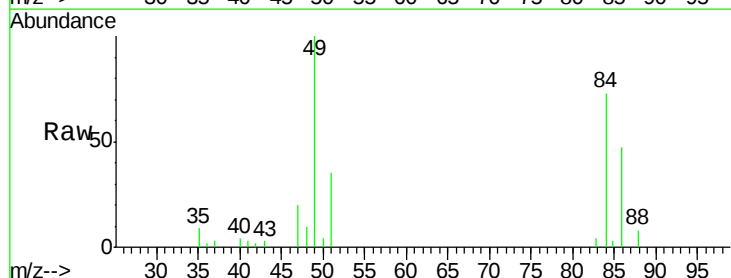
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



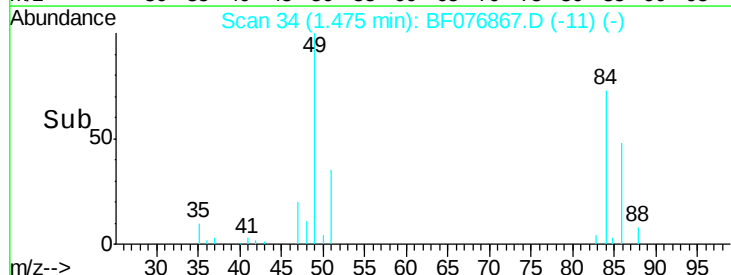
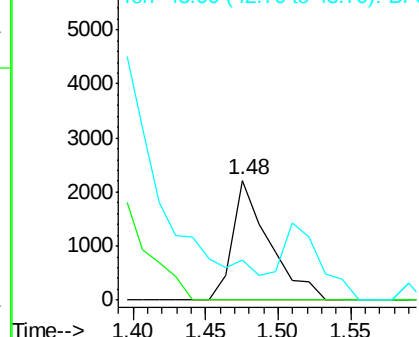
#2

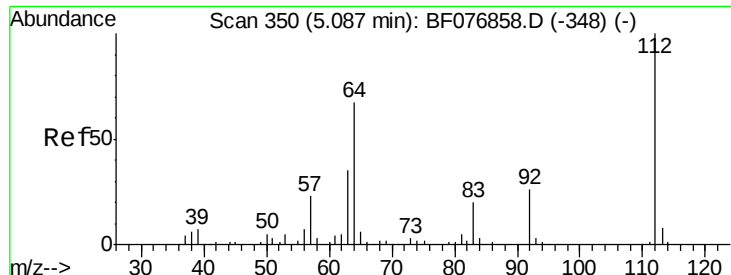
1,4-Dioxane
Concen: 4.68 ng
RT: 1.48 min Scan# 34
Delta R.T. 0.16 min
Lab File: BF076867.D
Acq: 14 Jan 2015 19:27

Tgt Ion: 88 Resp: 3877
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: 99.60 ng

RT: 5.09 min Scan# 350

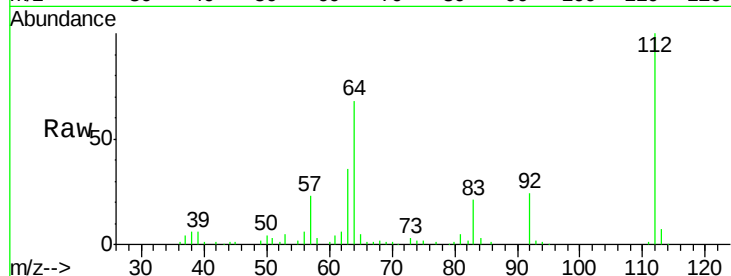
Delta R.T. 0.00 min

Lab File: BF076867.D

Acq: 14 Jan 2015 19:27

Instrument :
BNA_F
ClientSampleId :

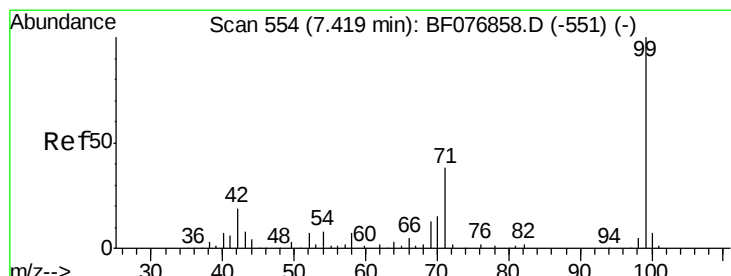
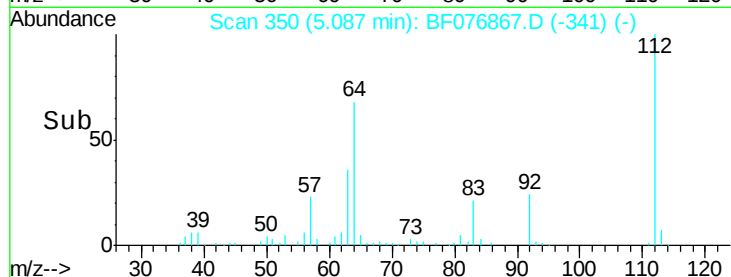
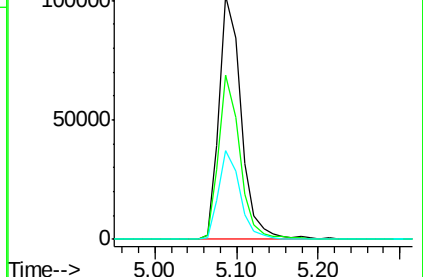
Tot Ion:	112	Resp:	192607
Ion	Ratio	Lower	Upper
112	100		
64	67.7	54.2	81.4
63	36.4	28.4	42.6



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: 106.92 ng

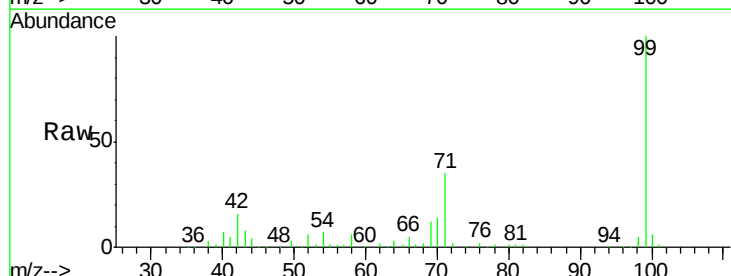
RT: 7.42 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF076867.D

Acq: 14 Jan 2015 19:27

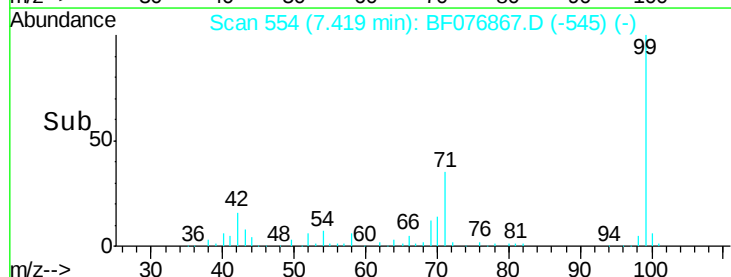
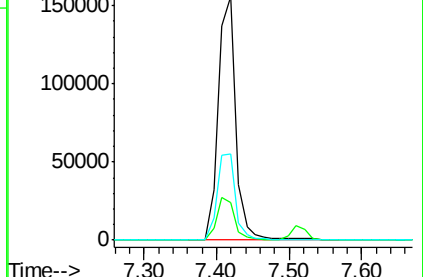
Tgt Ion:	99	Resp:	260842
Ion	Ratio	Lower	Upper
99	100		
42	15.6	15.0	22.4
71	35.3	30.5	45.7

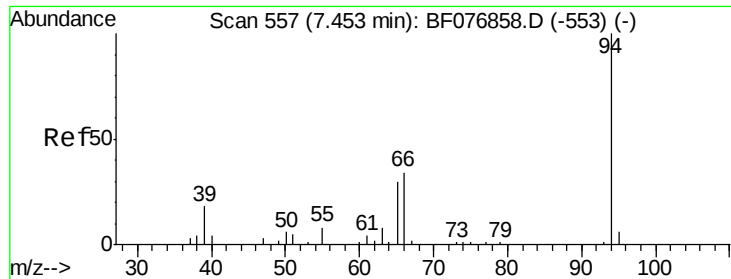


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

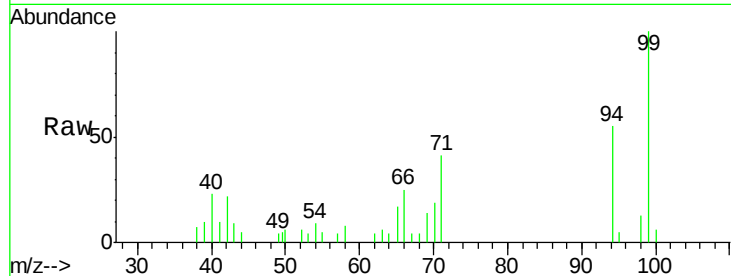




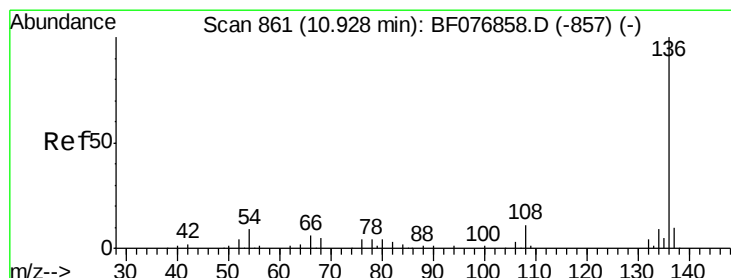
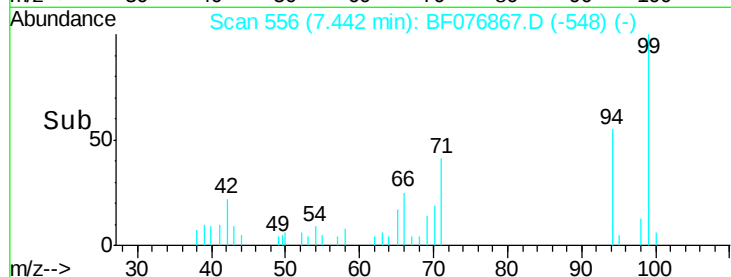
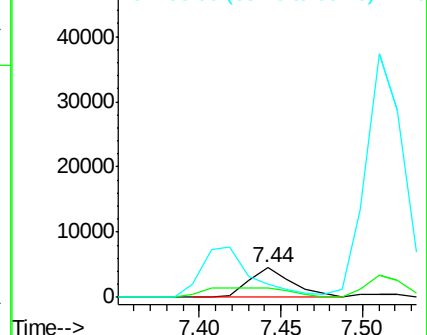
#10
Phenol
Concen: 3.22 ng
RT: 7.44 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF076867.D
Acq: 14 Jan 2015 19:27

Instrument :
BNA_F
ClientSampled :

Tot Ion: 94 Resp: 8330
Ion Ratio Lower Upper
94 100
65 30.6 11.3 51.3
66 45.9 19.5 59.5

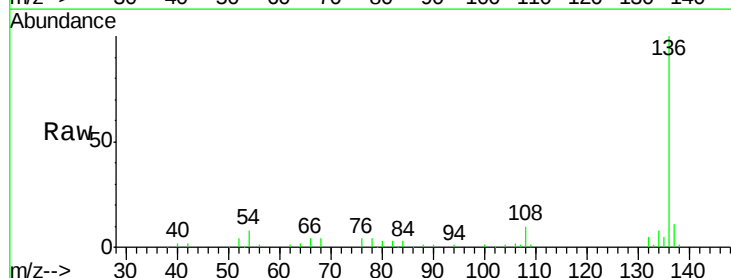


Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

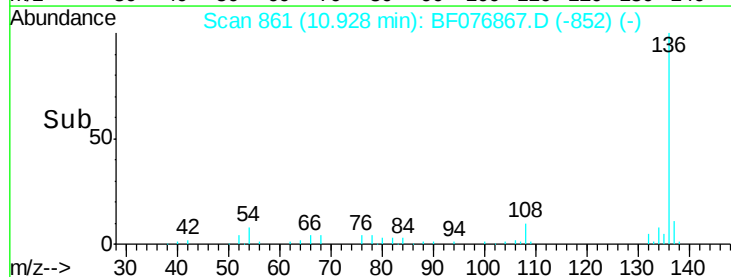
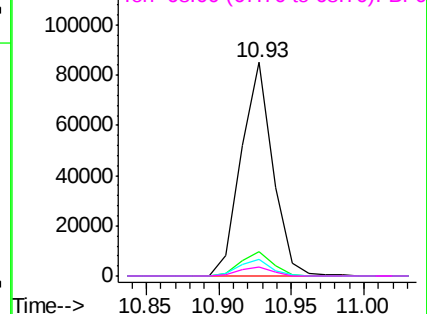


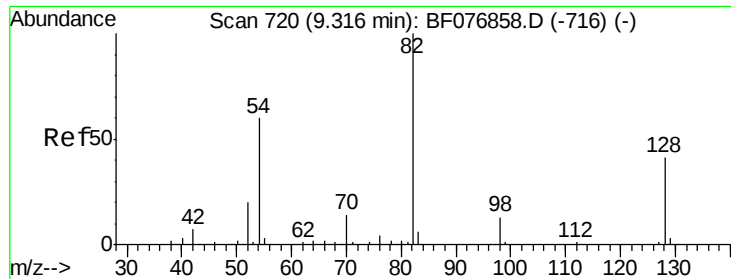
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF076867.D
Acq: 14 Jan 2015 19:27

Tgt Ion: 136 Resp: 128408
Ion Ratio Lower Upper
136 100
137 11.4 8.1 12.1
54 8.0 7.0 10.4
68 4.4 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

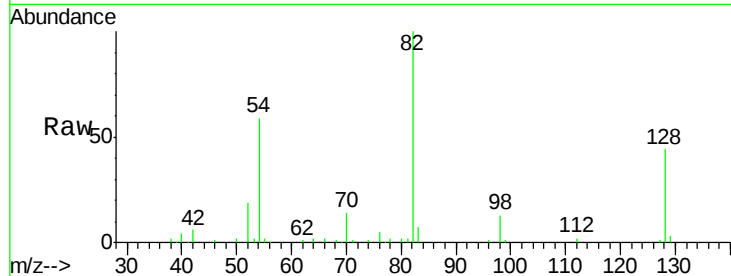




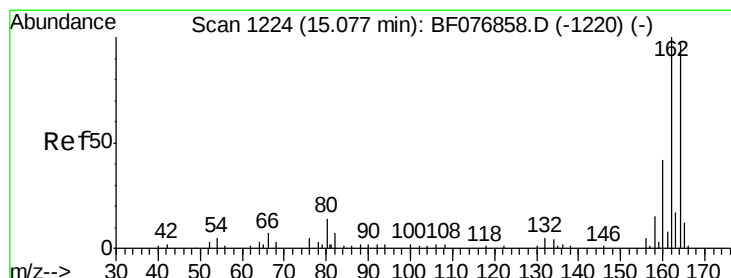
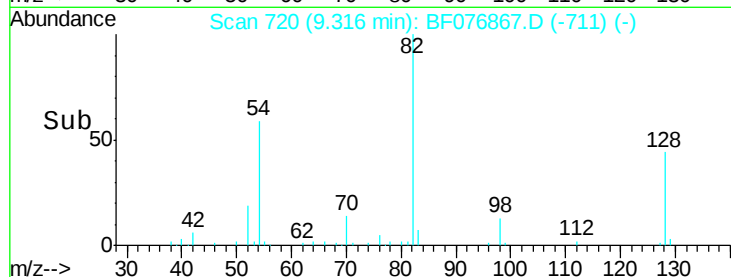
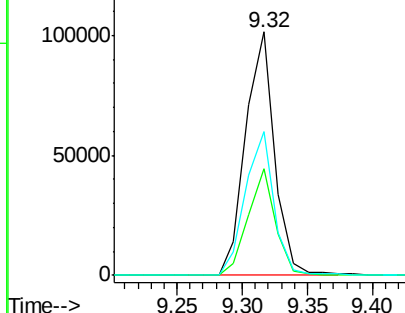
#23
 Nitrobenzene-d5
 Concen: 67.62 ng
 RT: 9.32 min Scan# 720
 Delta R.T. 0.00 min
 Lab File: BF076867.D
 Acq: 14 Jan 2015 19:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	156719
Ion Ratio	Lower	Upper	
82	100		
128	43.6	33.1	49.7
54	58.9	48.3	72.5

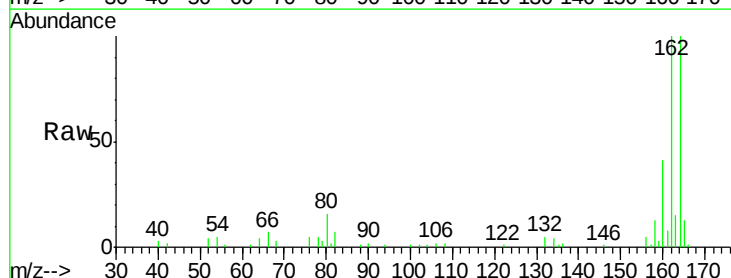


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

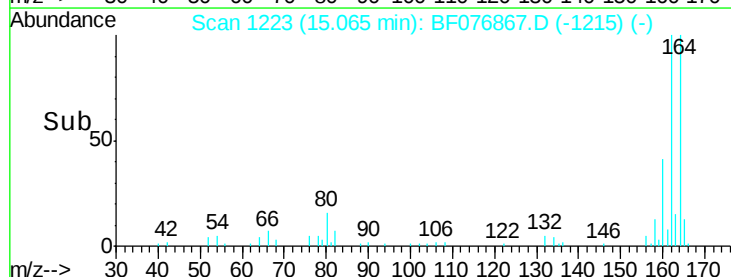
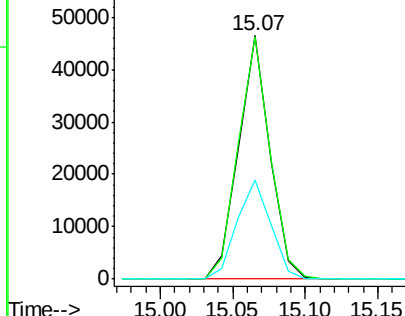


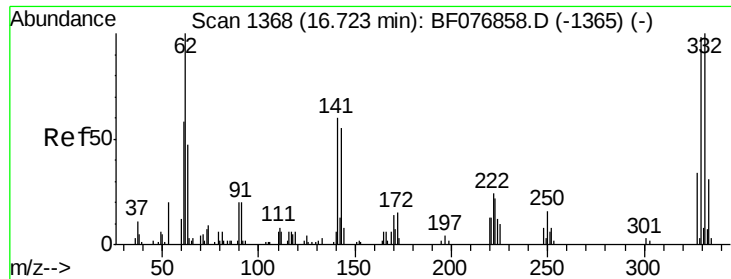
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF076867.D
 Acq: 14 Jan 2015 19:27

Tgt Ion	164	Resp	69780
Ion Ratio	Lower	Upper	
164	100		
162	99.5	82.4	123.6
160	40.8	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

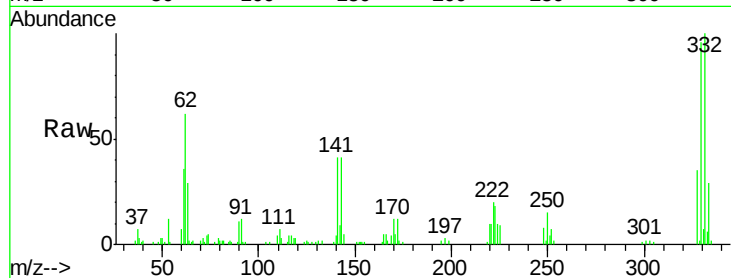




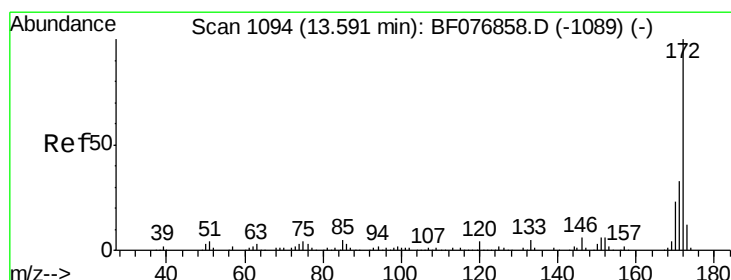
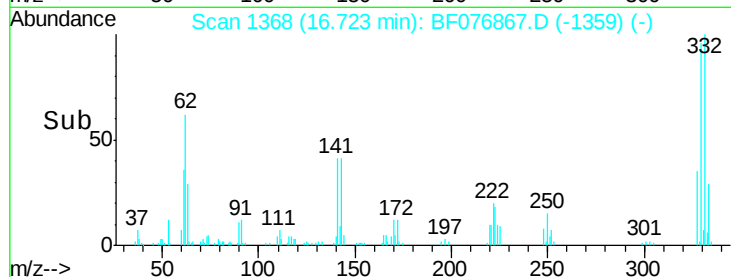
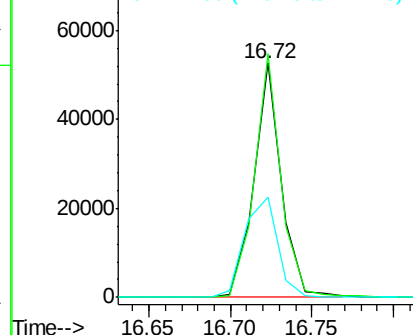
#41
 2,4,6-Tribromophenol
 Concen: 108.20 ng
 RT: 16.72 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BF076867.D
 Acq: 14 Jan 2015 19:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.2	77.8	116.6
141	51.7	38.5	57.7

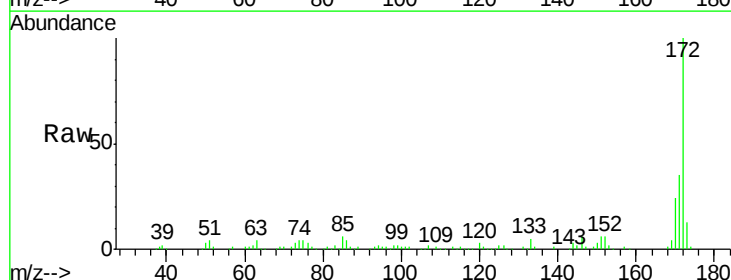


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

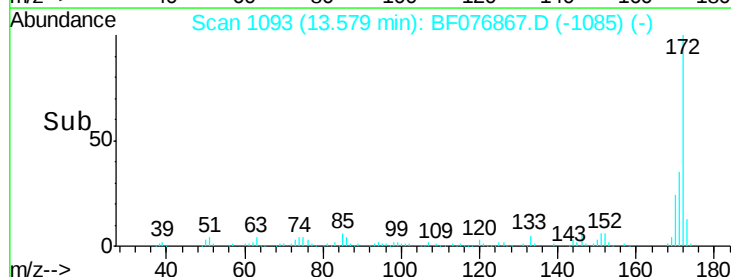
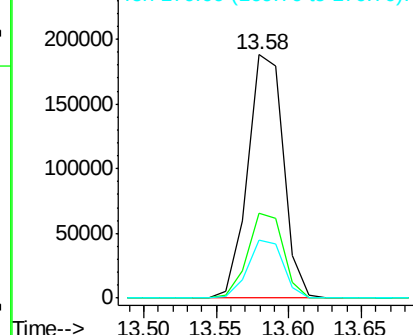


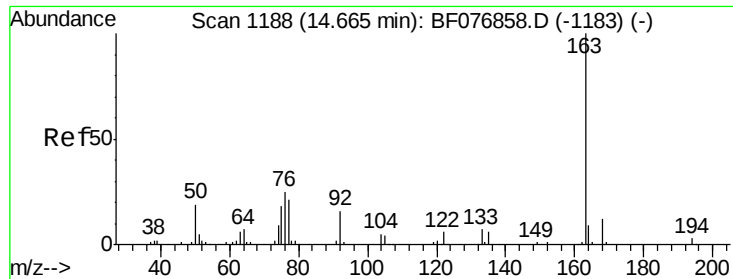
#44
 2-Fluorobiphenyl
 Concen: 70.04 ng
 RT: 13.58 min Scan# 1093
 Delta R.T. -0.01 min
 Lab File: BF076867.D
 Acq: 14 Jan 2015 19:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	26.6	40.0
170	23.6	18.0	27.0



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 6.41 ng

RT: 14.64 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BF076867.D

Acq: 14 Jan 2015 19:27

Instrument :

BNA_F

ClientSampleId :

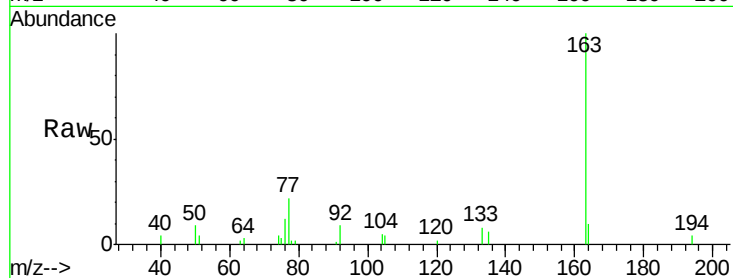
Tot Ion:163 Resp: 31743

Ion Ratio Lower Upper

163 100

194 4.1 2.6 4.0#

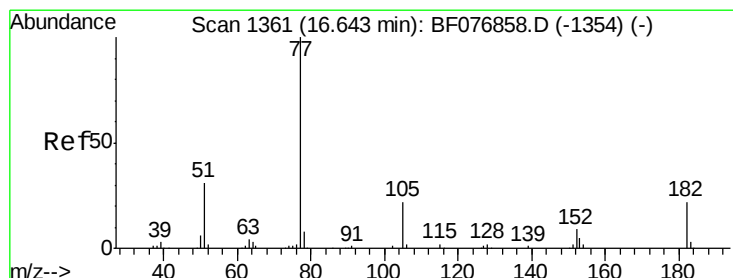
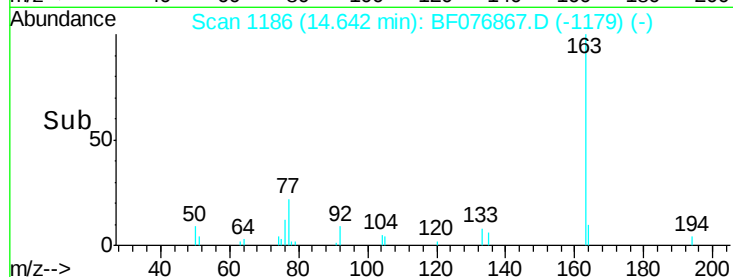
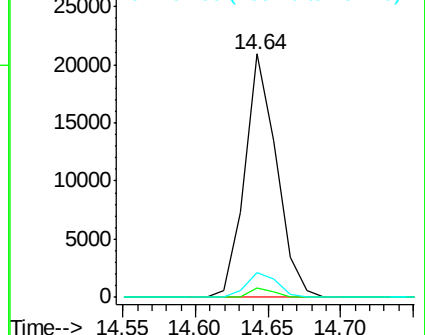
164 10.4 7.5 11.3



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#62

Azobenzene

Concen: 4.60 ng

RT: 16.67 min Scan# 1363

Delta R.T. 0.02 min

Lab File: BF076867.D

Acq: 14 Jan 2015 19:27

Tgt Ion: 77 Resp: 23975

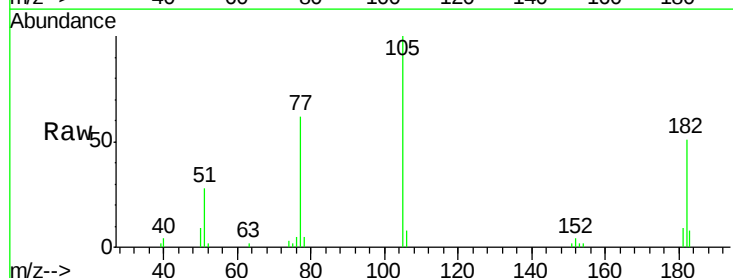
Ion Ratio Lower Upper

77 100

182 82.4 2.0 42.0#

105 161.1 2.3 42.3#

51 45.8 10.7 50.7

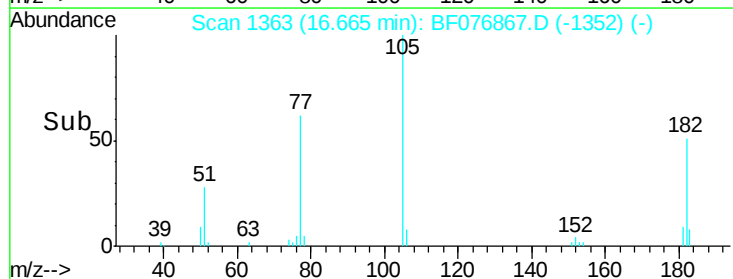
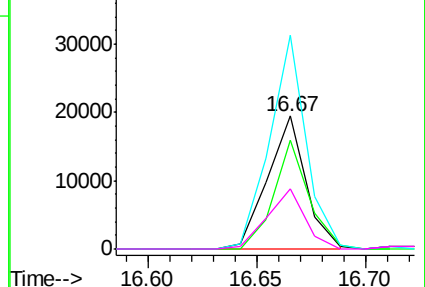


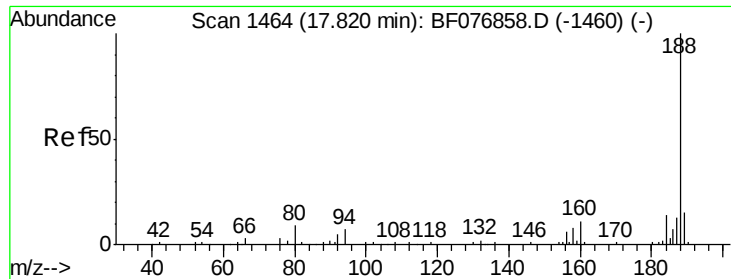
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

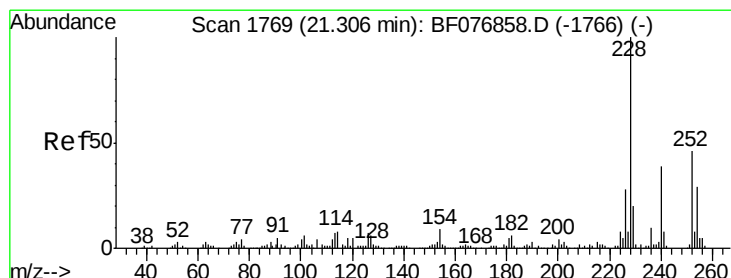
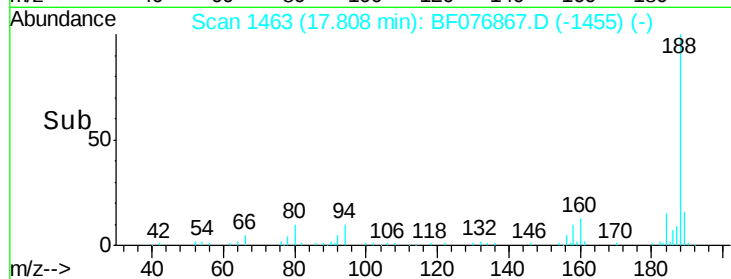
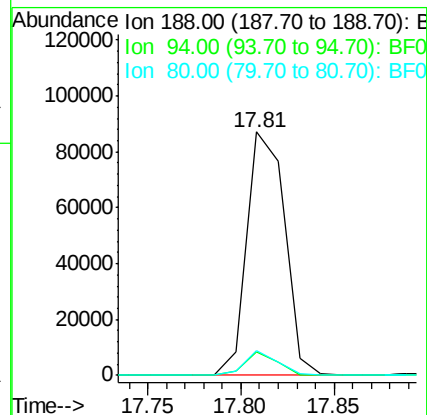
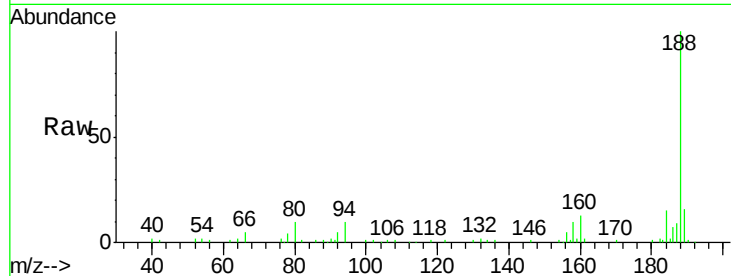




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.81 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF076867.D
Acq: 14 Jan 2015 19:27

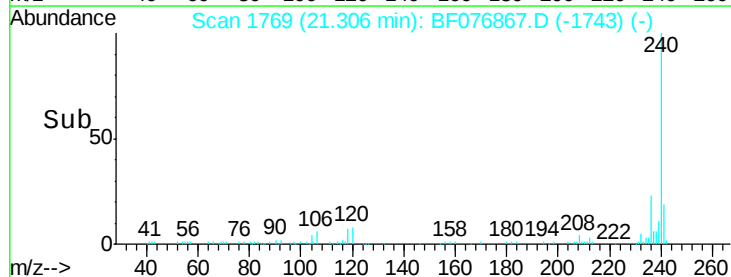
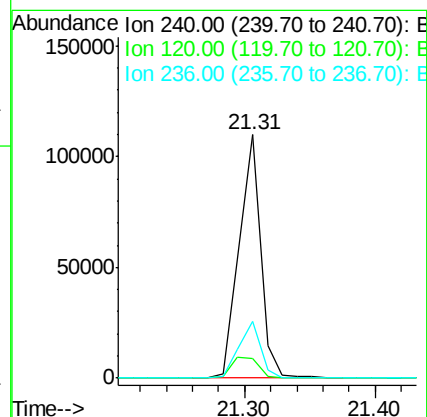
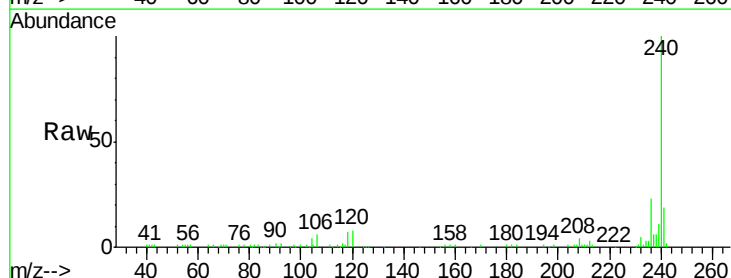
Instrument :
BNA_F
ClientSampleId :

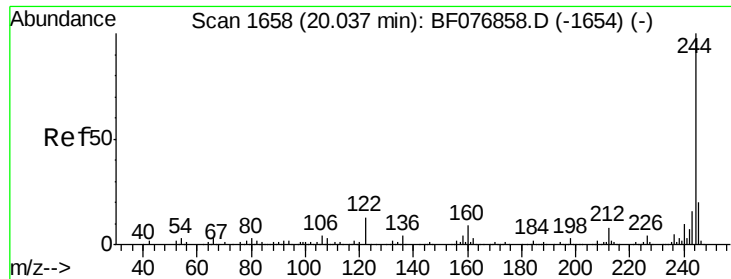
Tot Ion:188 Resp: 122872
Ion Ratio Lower Upper
188 100
94 9.8 6.0 9.0#
80 10.3 6.9 10.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.31 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BF076867.D
Acq: 14 Jan 2015 19:27

Tgt Ion:240 Resp: 125170
Ion Ratio Lower Upper
240 100
120 7.9 10.4 15.6#
236 23.1 20.2 30.2

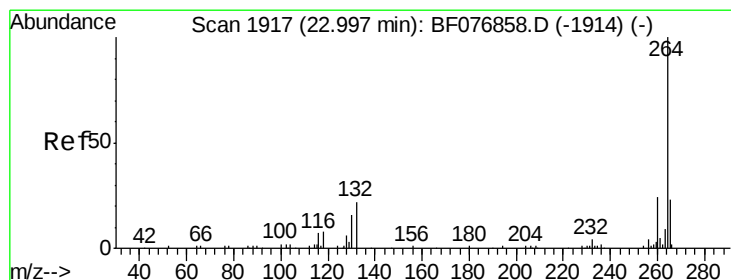
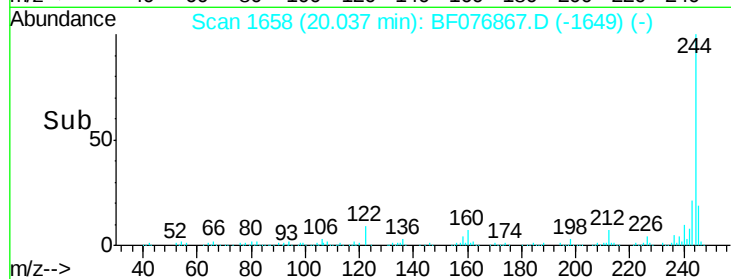
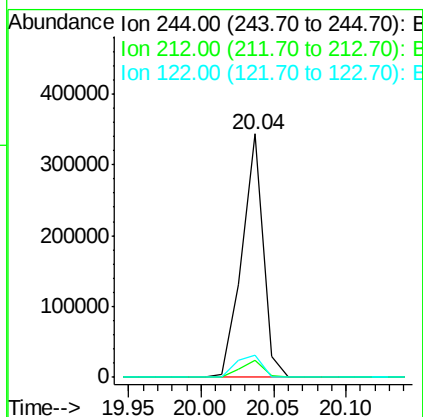
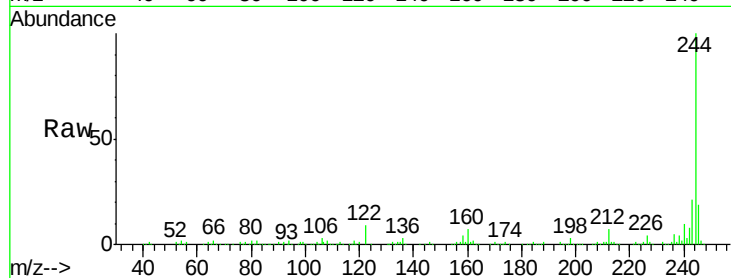




#78
 Terphenyl-d14
 Concen: 64.42 ng
 RT: 20.04 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: BF076867.D
 Acq: 14 Jan 2015 19:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 350232
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.3 9.5
 122 9.1 10.1 15.1#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.95 min Scan# 1913
 Delta R.T. -0.05 min
 Lab File: BF076867.D
 Acq: 14 Jan 2015 19:27

Tgt Ion:264 Resp: 113179
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.4
 265 20.3 18.1 27.1

