

Data Path : Z:\HPCHEM1\BNA F\Data\BF012015\
 Data File : BF076977.D
 Acq On : 20 Jan 2015 23:38
 Operator : IZ / TP
 Sample : G1109-15
 Misc : W
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 21 02:20:22 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 21 01:04:46 2015
 Response via : Initial Calibration

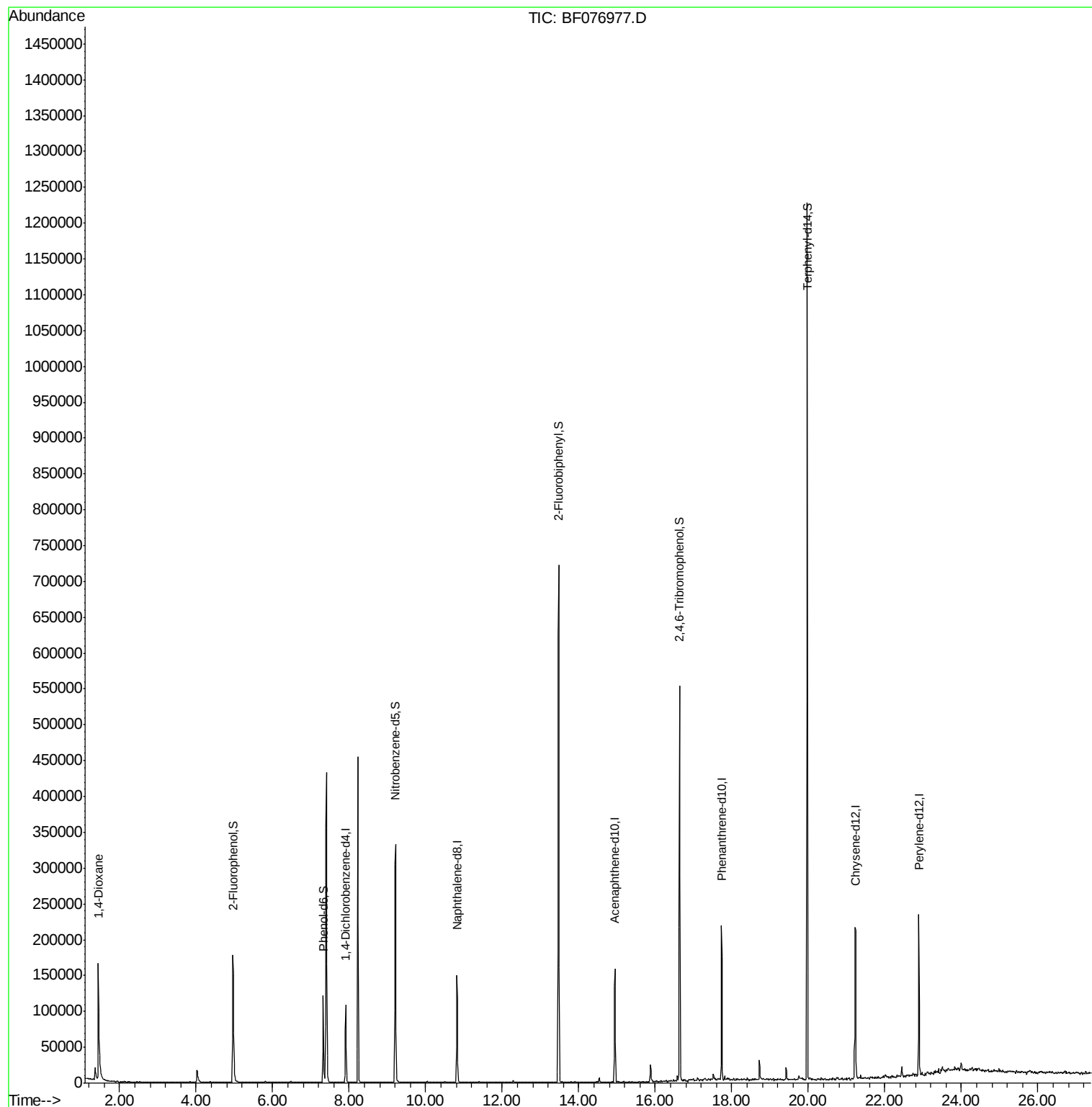
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	29901	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	124715	20.00	ng	-0.01
38) Acenaphthene-d10	14.95	164	66215	20.00	ng	0.00
63) Phenanthrene-d10	17.73	188	114494	20.00	ng	0.00
75) Chrysene-d12	21.24	240	110489	20.00	ng	0.00
86) Perylene-d12	22.88	264	99726	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	99853	54.91	ng	0.00
7) Phenol-d6	7.32	99	74589	32.51	ng	0.00
23) Nitrobenzene-d5	9.21	82	193798	86.09	ng	0.00
41) 2,4,6-Tribromophenol	16.63	330	76804	142.90	ng	0.00
44) 2-Fluorobiphenyl	13.48	172	409422	94.10	ng	0.00
78) Terphenyl-d14	19.97	244	442089	92.11	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.44	88	6717	8.63	ng	Qvalue # 12

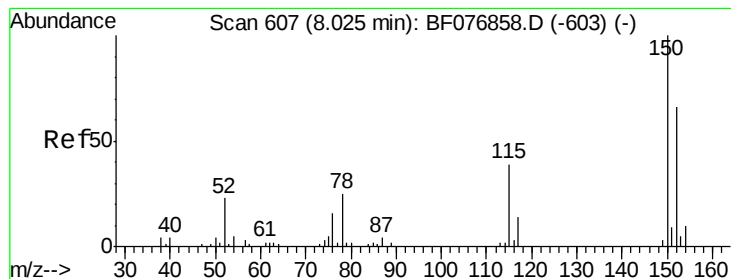
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jan 21 01:04:46 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.91 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF076977.D

Acq: 20 Jan 2015 23:38

Instrument :

BNA_F

ClientSampleId :

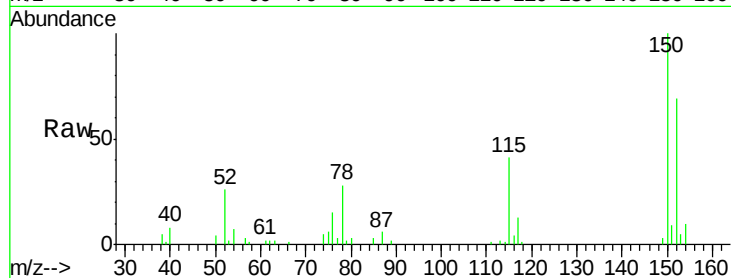
Tot Ion:152 Resp: 29901

Ion Ratio Lower Upper

152 100

150 145.6 121.7 182.5

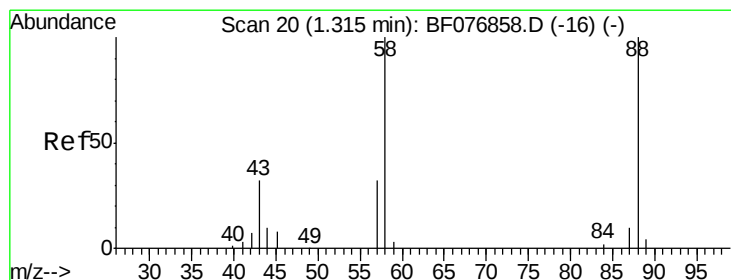
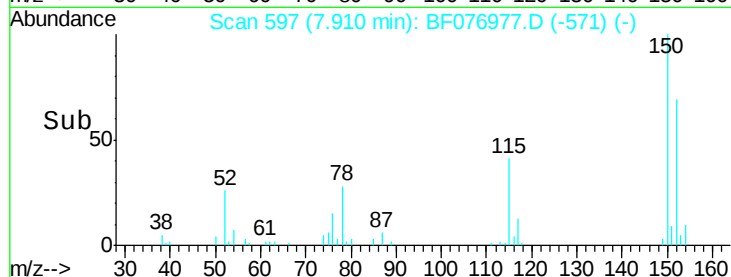
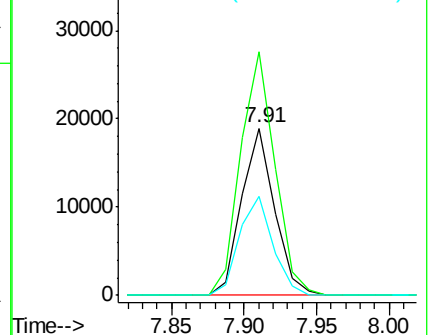
115 59.0 47.0 70.6



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: 8.63 ng

RT: 1.44 min Scan# 31

Delta R.T. 0.19 min

Lab File: BF076977.D

Acq: 20 Jan 2015 23:38

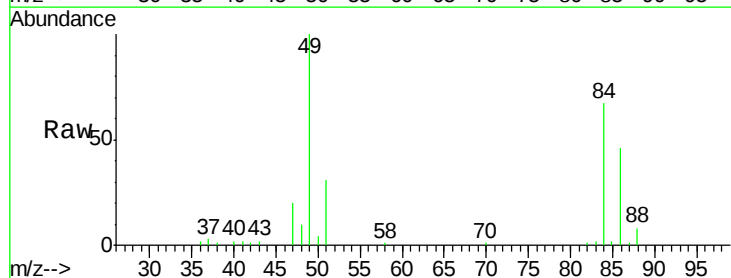
Tgt Ion: 88 Resp: 6717

Ion Ratio Lower Upper

88 100

58 0.0 77.0 115.4#

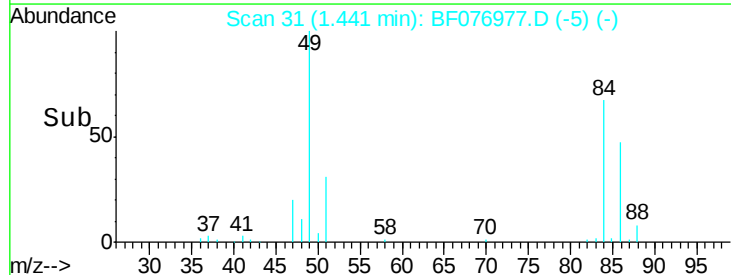
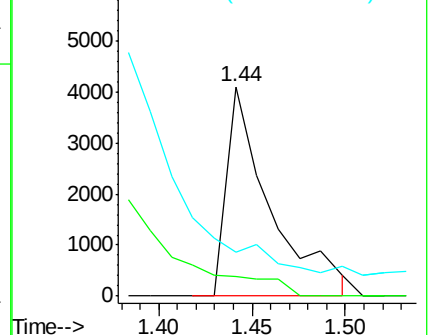
43 0.0 25.6 38.4#

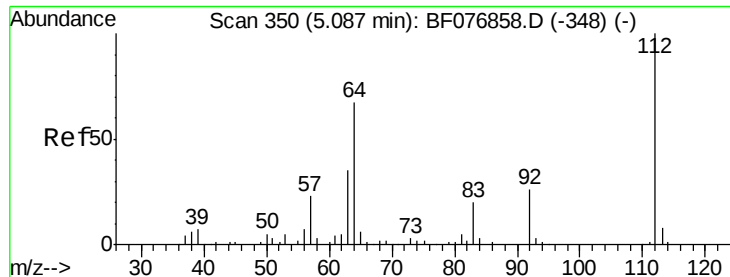


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 54.91 ng

RT: 4.96 min Scan# 339

Delta R.T. -0.00 min

Lab File: BF076977.D

Acq: 20 Jan 2015 23:38

Instrument :

BNA_F

ClientSampleId :

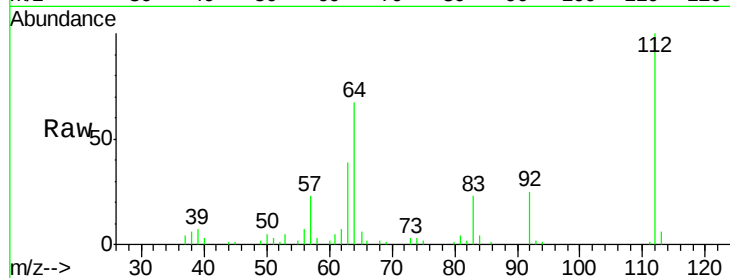
Tot Ion: 112 Resp: 99853

Ion Ratio Lower Upper

112 100

64 66.9 54.2 81.4

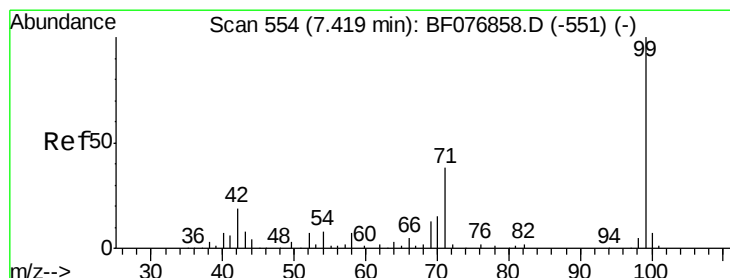
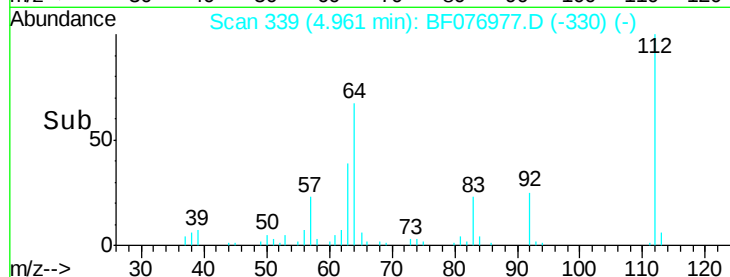
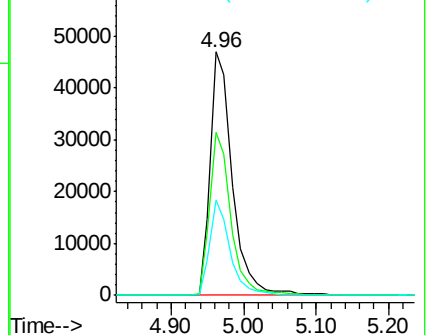
63 39.1 28.4 42.6



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: 32.51 ng

RT: 7.32 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF076977.D

Acq: 20 Jan 2015 23:38

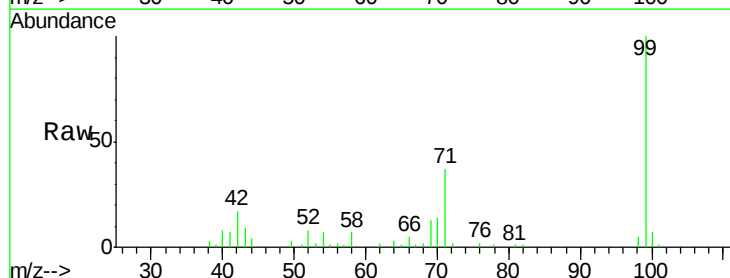
Tgt Ion: 99 Resp: 74589

Ion Ratio Lower Upper

99 100

42 17.5 15.0 22.4

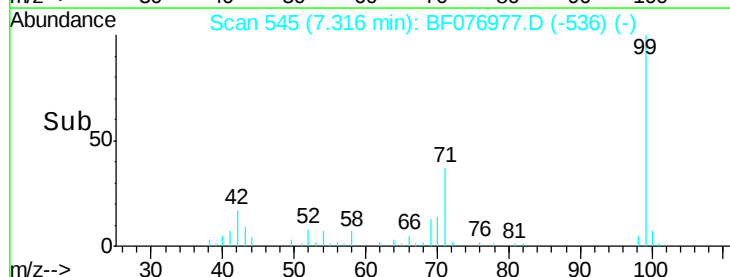
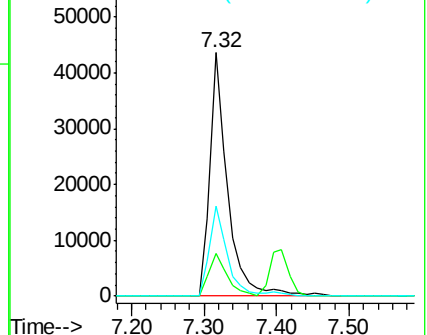
71 37.1 30.5 45.7



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

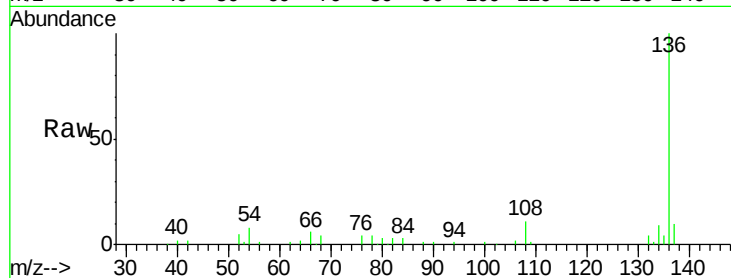




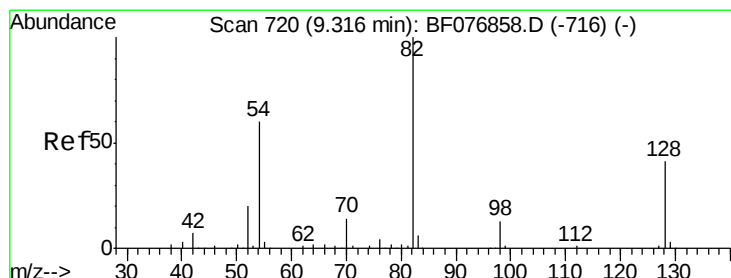
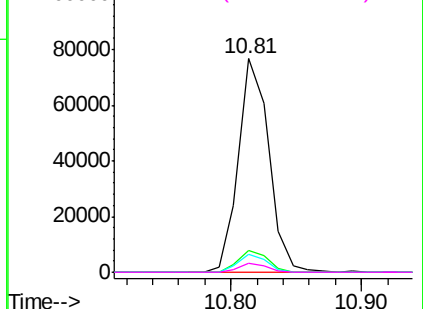
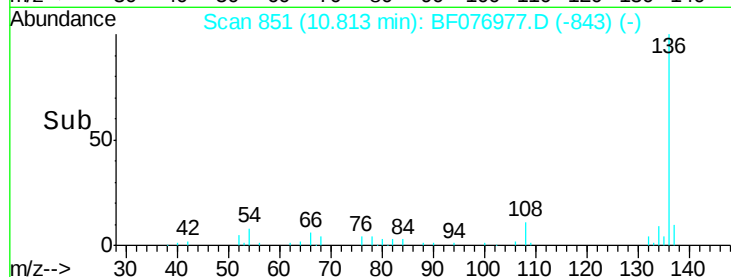
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.81 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF076977.D
Acq: 20 Jan 2015 23:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	124715
Ion	Ratio	Lower Upper
136	100	
137	10.5	8.1 12.1
54	8.5	7.0 10.4
68	4.1	3.7 5.5

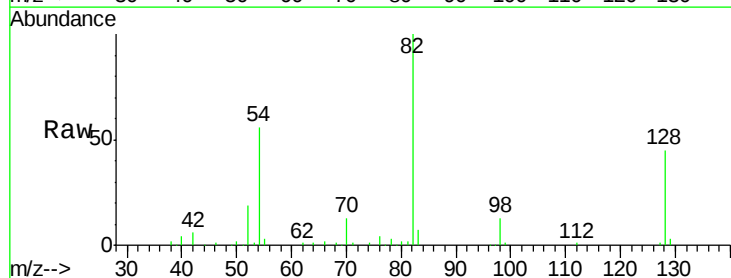


Abundance Ion 136.00 (135.70 to 136.70): E
120000
Ion 137.00 (136.70 to 137.70): E
100000
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

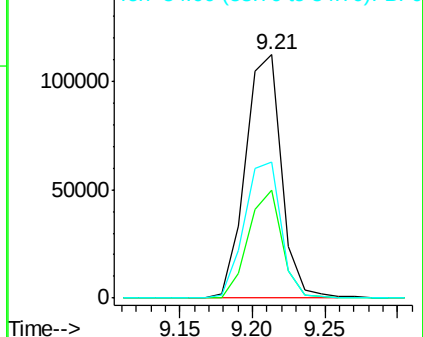
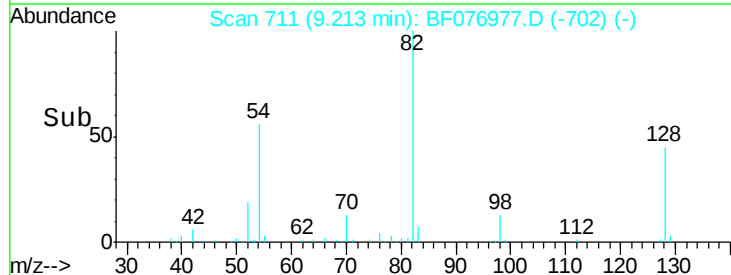


#23
Nitrobenzene-d5
Concen: 86.09 ng
RT: 9.21 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF076977.D
Acq: 20 Jan 2015 23:38

Tgt Ion: 82	Resp:	193798
Ion	Ratio	Lower Upper
82	100	
128	44.6	33.1 49.7
54	55.8	48.3 72.5



Abundance Ion 82.00 (81.70 to 82.70): BF0
150000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

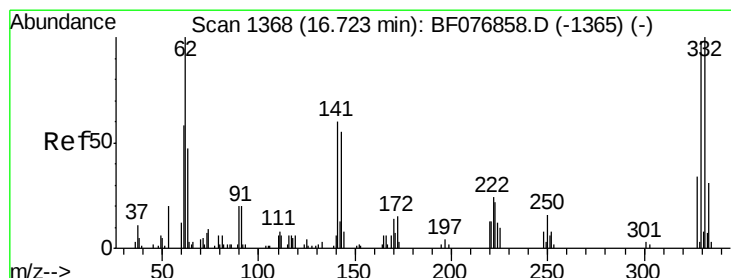
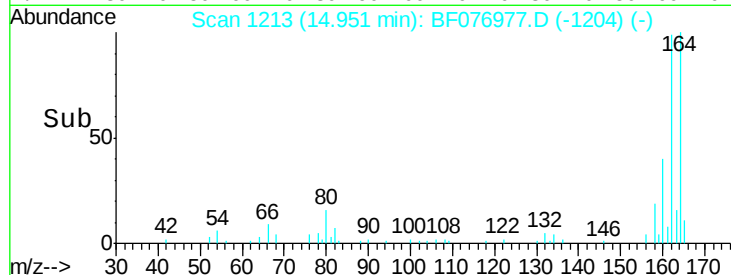
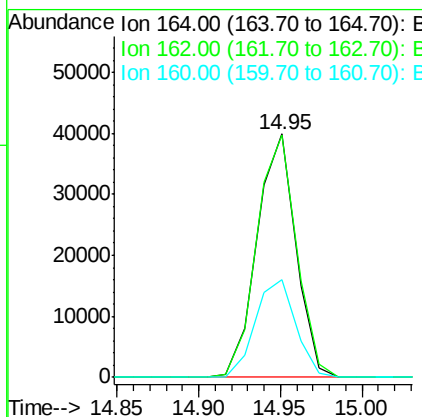
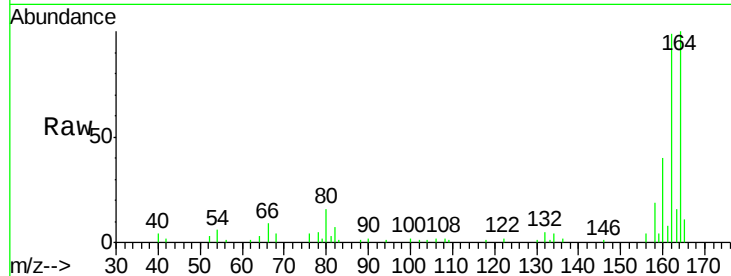




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.95 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF076977.D
Acq: 20 Jan 2015 23:38

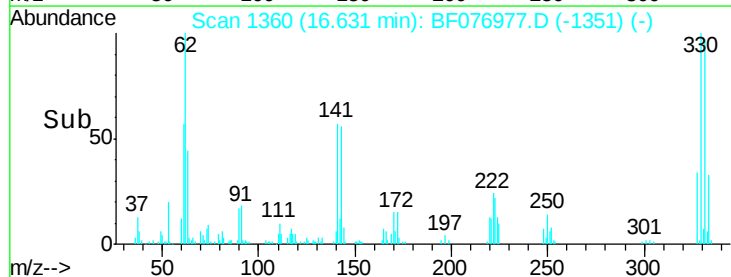
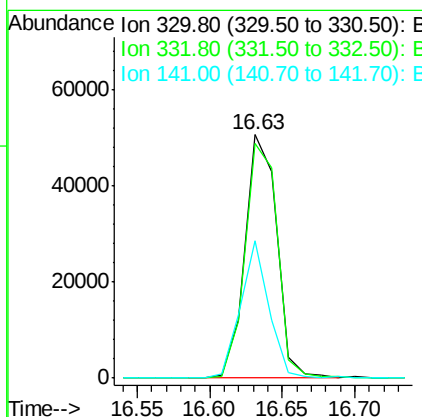
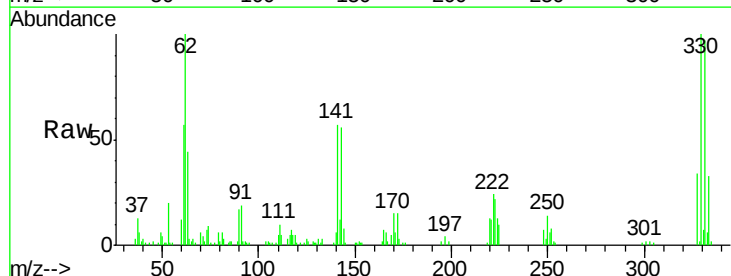
Instrument :
BNA_F
ClientSampleId :

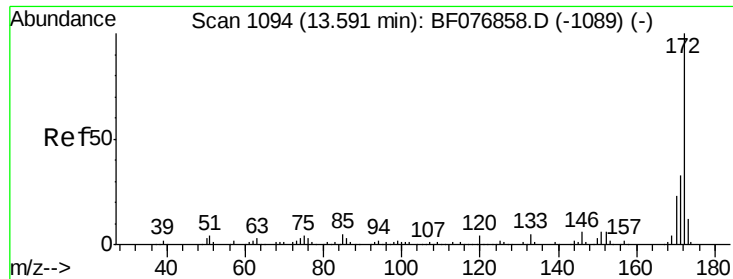
Tot Ion:164 Resp: 66215
Ion Ratio Lower Upper
164 100
162 99.4 82.4 123.6
160 40.4 34.8 52.2



#41
2,4,6-Tribromophenol
Concen: 142.90 ng
RT: 16.63 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BF076977.D
Acq: 20 Jan 2015 23:38

Tgt Ion:330 Resp: 76804
Ion Ratio Lower Upper
330 100
332 98.8 77.8 116.6
141 50.6 38.5 57.7

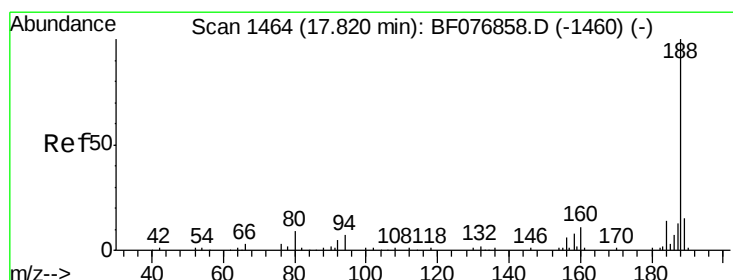
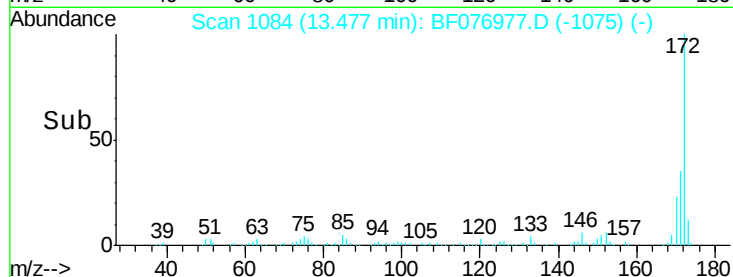
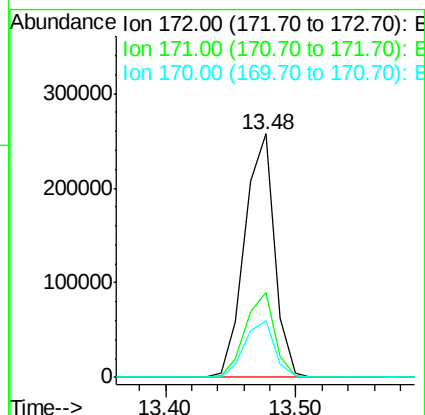
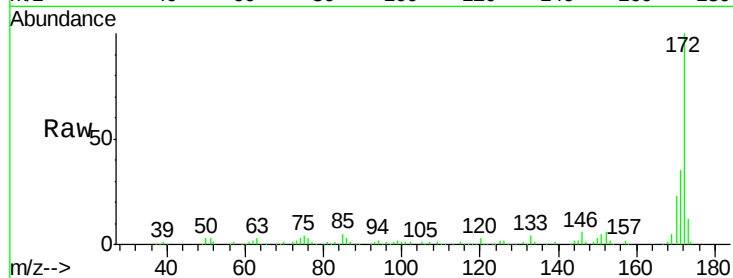




#44
2-Fluorobiphenyl
Concen: 94.10 ng
RT: 13.48 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BF076977.D
Acq: 20 Jan 2015 23:38

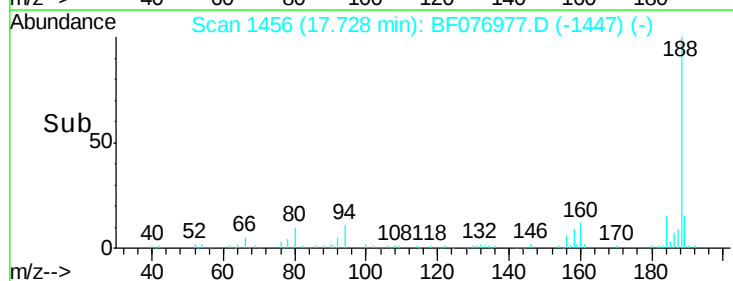
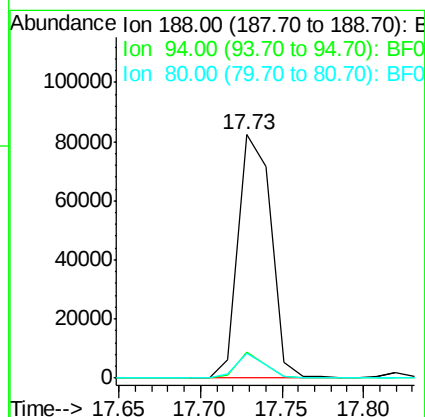
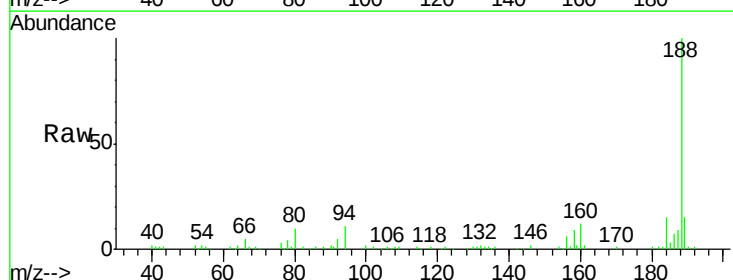
Instrument :
BNA_F
ClientSampleId :

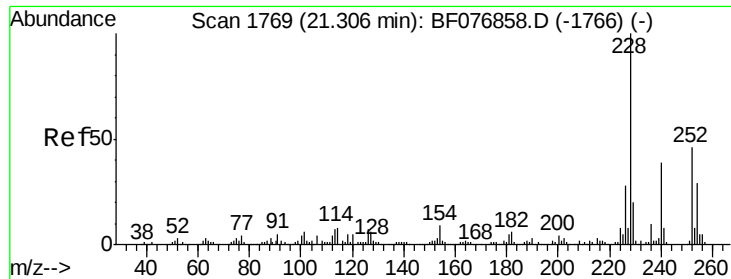
Tot Ion:172 Resp: 409422
Ion Ratio Lower Upper
172 100
171 34.8 26.6 40.0
170 23.4 18.0 27.0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.73 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BF076977.D
Acq: 20 Jan 2015 23:38

Tgt Ion:188 Resp: 114494
Ion Ratio Lower Upper
188 100
94 10.6 6.0 9.0#
80 10.0 6.9 10.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.24 min Scan# 1763

Delta R.T. -0.00 min

Lab File: BF076977.D

Acq: 20 Jan 2015 23:38

Instrument :

BNA_F

ClientSampleId :

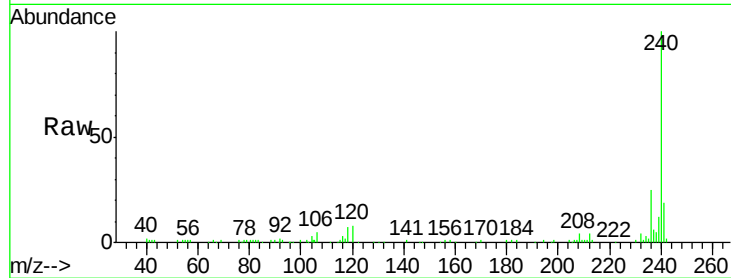
Tot Ion:240 Resp: 110489

Ion Ratio Lower Upper

240 100

120 8.1 10.4 15.6#

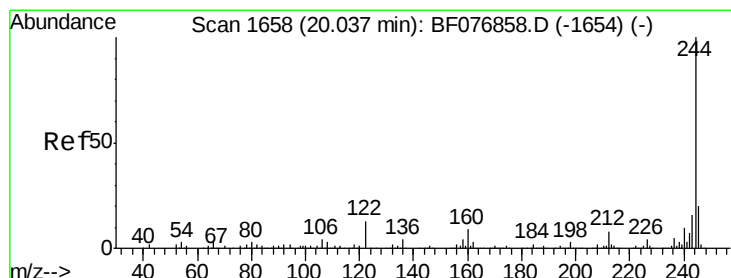
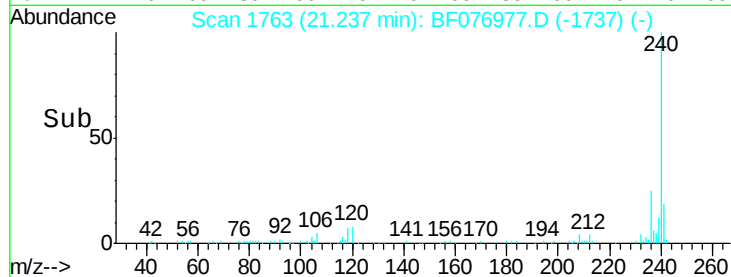
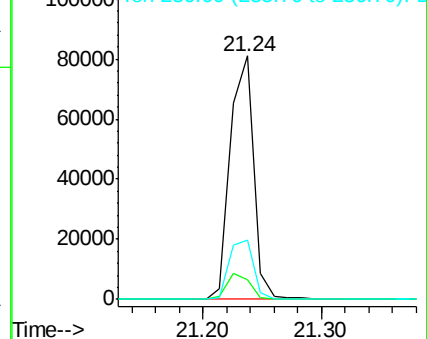
236 24.6 20.2 30.2



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: 92.11 ng

RT: 19.97 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BF076977.D

Acq: 20 Jan 2015 23:38

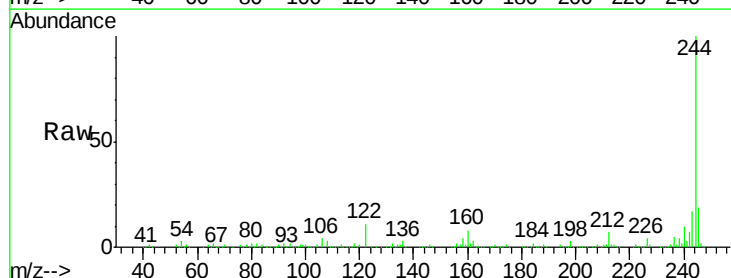
Tgt Ion:244 Resp: 442089

Ion Ratio Lower Upper

244 100

212 7.4 6.3 9.5

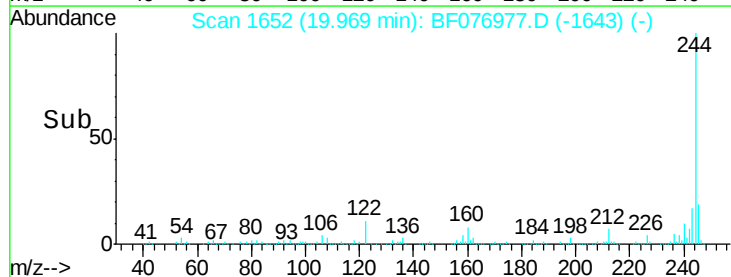
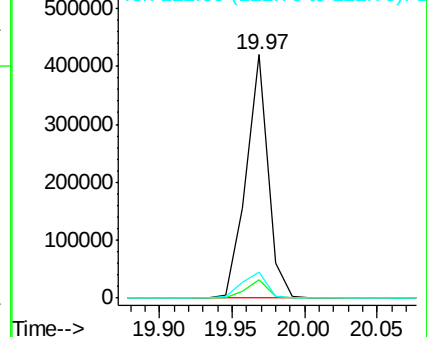
122 10.8 10.1 15.1

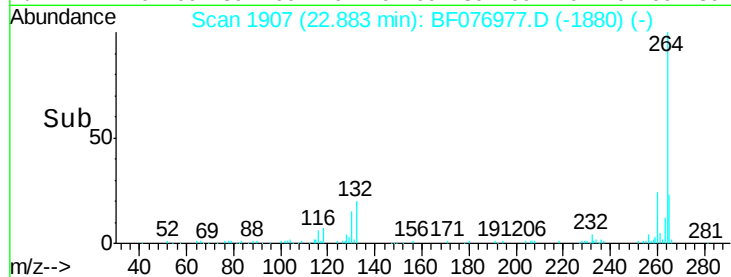
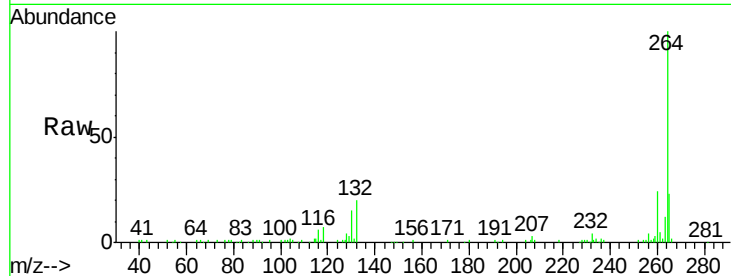
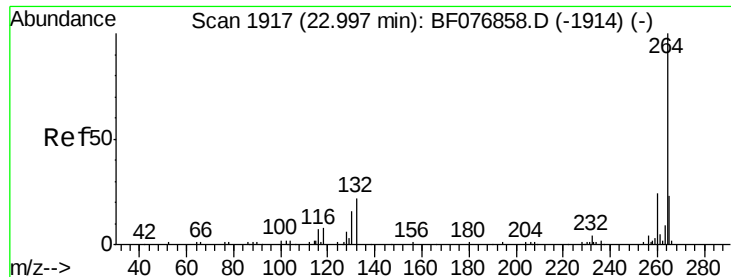


Abundance Ion 244.00 (243.70 to 244.70): E

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: 22.88 min Scan# 1907
Delta R.T. 0.01 min
Lab File: BF076977.D
Acq: 20 Jan 2015 23:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.4
265	23.4	18.1	27.1

