

Data Path : Z:\HPCHEM1\BNA F\Data\BF012015\
 Data File : BF076972.D
 Acq On : 20 Jan 2015 20:46
 Operator : IZ / TP
 Sample : G1109-09
 Misc : W
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 21 01:13:43 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

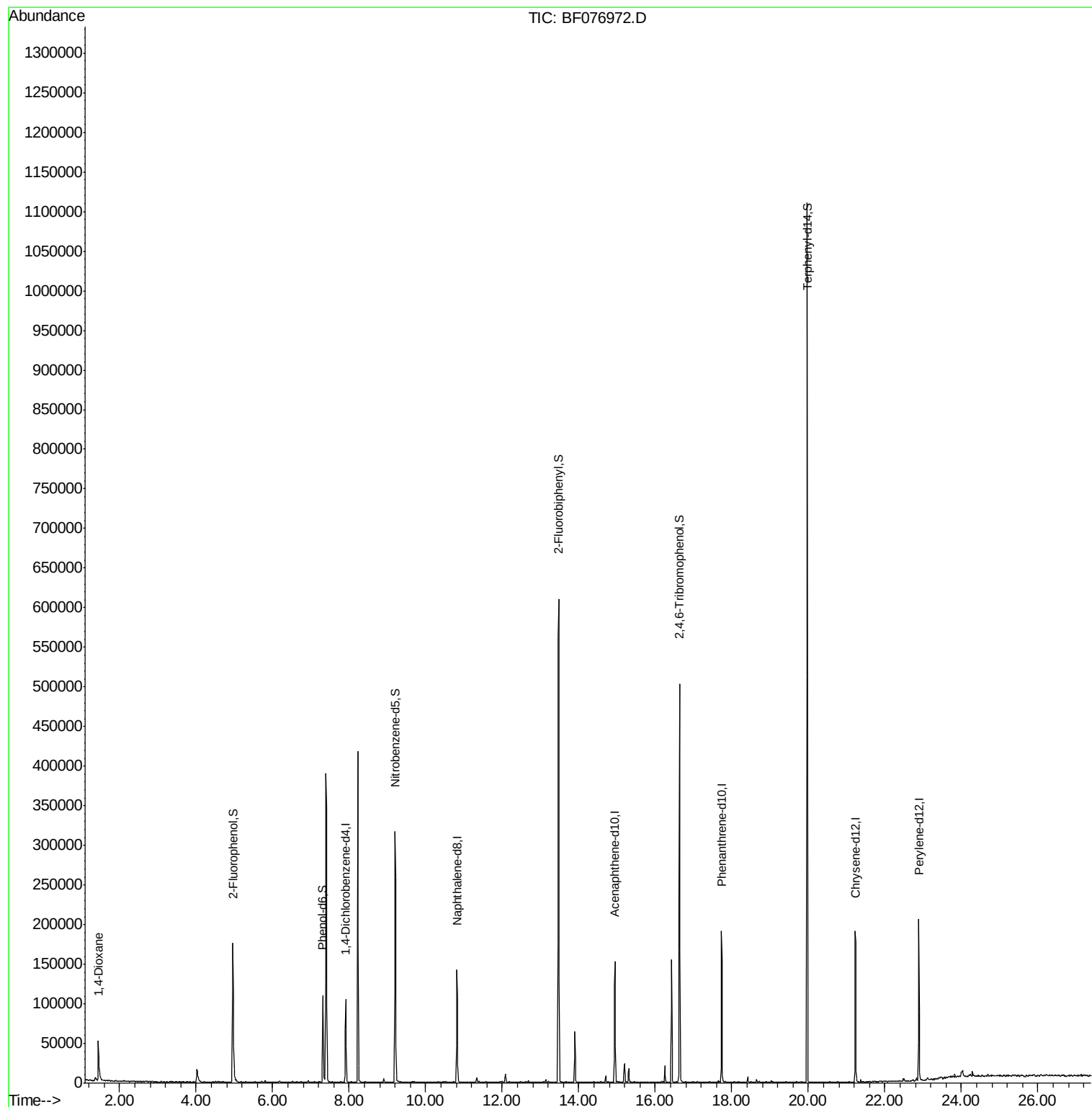
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	27014	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	114793	20.00	ng	-0.01
38) Acenaphthene-d10	14.95	164	61689	20.00	ng	0.00
63) Phenanthrene-d10	17.73	188	104611	20.00	ng	0.00
75) Chrysene-d12	21.24	240	105799	20.00	ng	0.00
86) Perylene-d12	22.88	264	92058	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	96673	58.84	ng	0.00
7) Phenol-d6	7.30	99	71855	34.67	ng	-0.01
23) Nitrobenzene-d5	9.20	82	175202	84.56	ng	-0.01
41) 2,4,6-Tribromophenol	16.63	330	66181	132.16	ng	0.00
44) 2-Fluorobiphenyl	13.48	172	359317	88.64	ng	0.00
78) Terphenyl-d14	19.97	244	415178	90.34	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.44	88	2321	3.30	ng	Qvalue # 12
9) Benzaldehyde	6.94	77	602	Below Cal		95

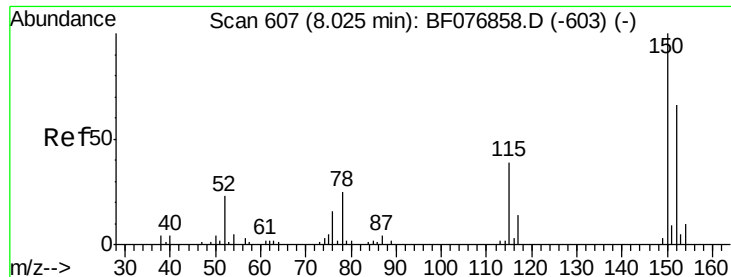
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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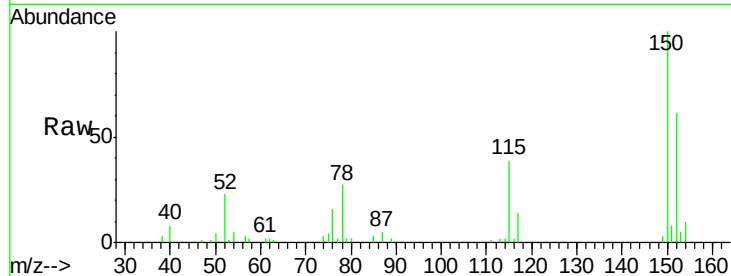


#1

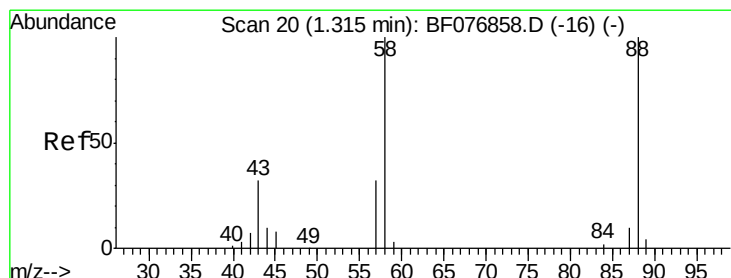
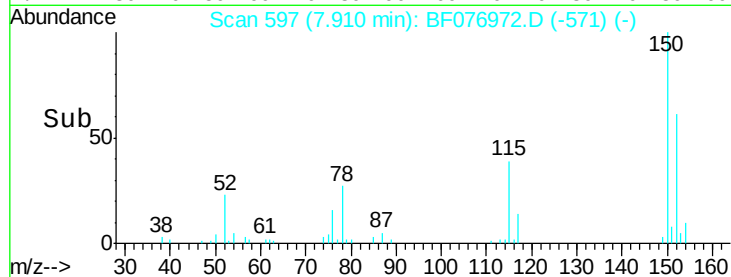
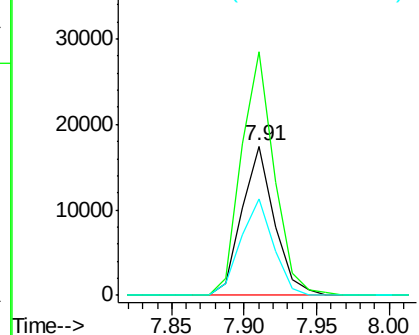
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.91 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF076972.D
Acq: 20 Jan 2015 20:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 27014
Ion Ratio Lower Upper
152 100
150 163.5 121.7 182.5
115 64.4 47.0 70.6



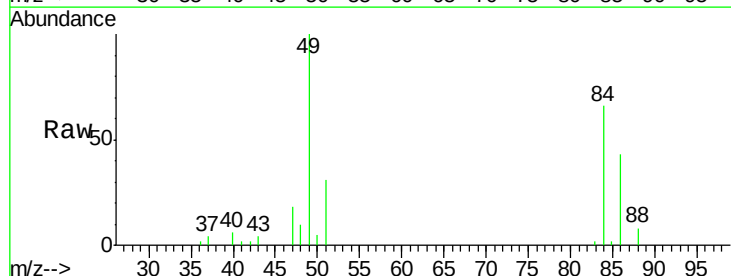
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



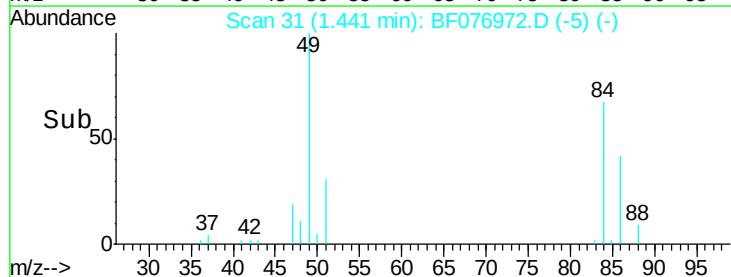
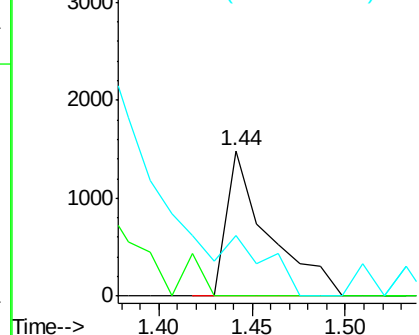
#2

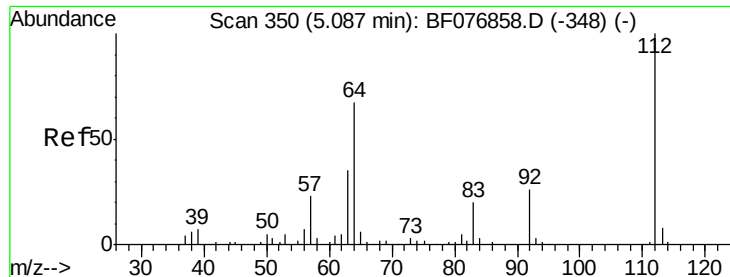
1,4-Dioxane
Concen: 3.30 ng
RT: 1.44 min Scan# 31
Delta R.T. 0.19 min
Lab File: BF076972.D
Acq: 20 Jan 2015 20:46

Tgt Ion: 88 Resp: 2321
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: 58.84 ng

RT: 4.96 min Scan# 339

Delta R.T. -0.00 min

Lab File: BF076972.D

Acq: 20 Jan 2015 20:46

Instrument :

BNA_F

ClientSampleId :

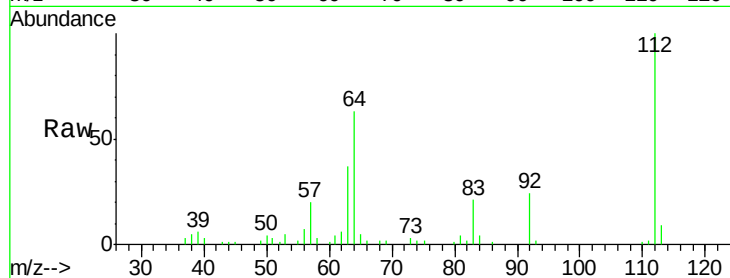
Tot Ion: 112 Resp: 96673

Ion Ratio Lower Upper

112 100

64 63.0 54.2 81.4

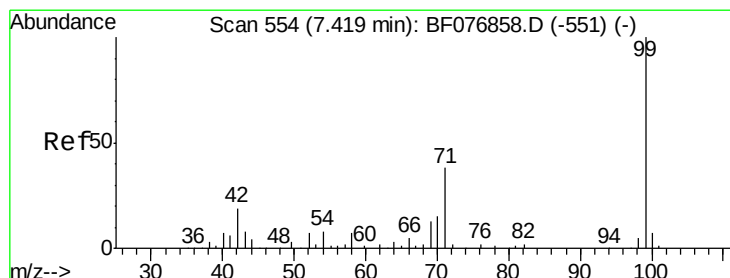
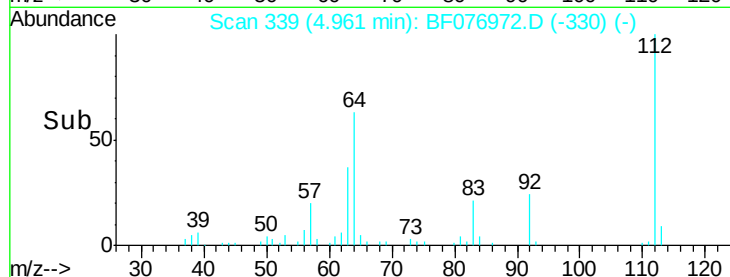
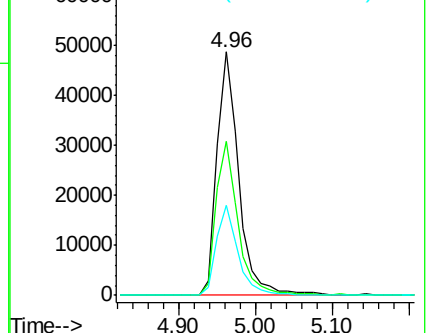
63 36.7 28.4 42.6



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: 34.67 ng

RT: 7.30 min Scan# 544

Delta R.T. -0.01 min

Lab File: BF076972.D

Acq: 20 Jan 2015 20:46

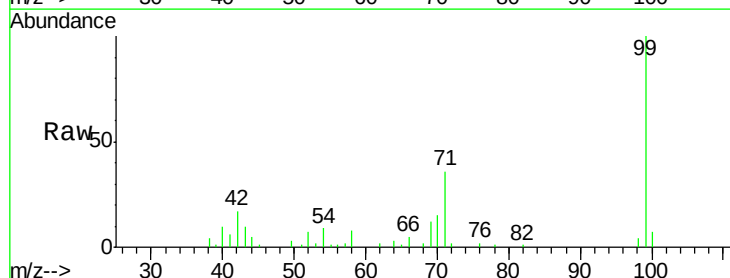
Tgt Ion: 99 Resp: 71855

Ion Ratio Lower Upper

99 100

42 17.3 15.0 22.4

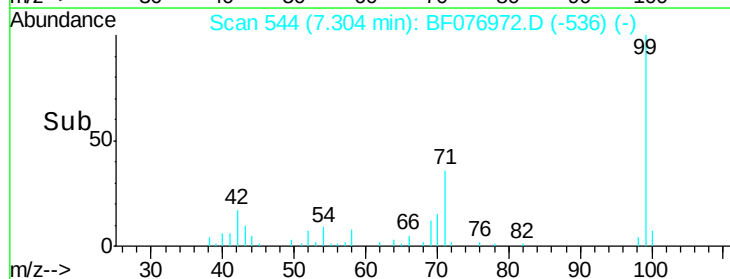
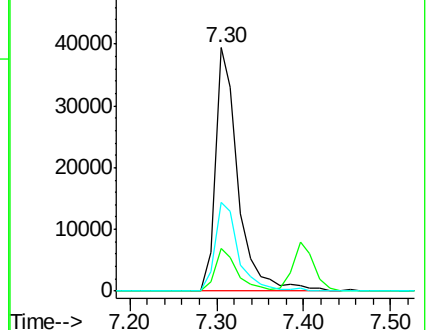
71 36.2 30.5 45.7

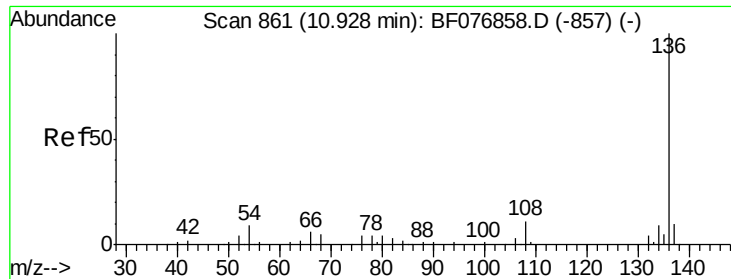


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

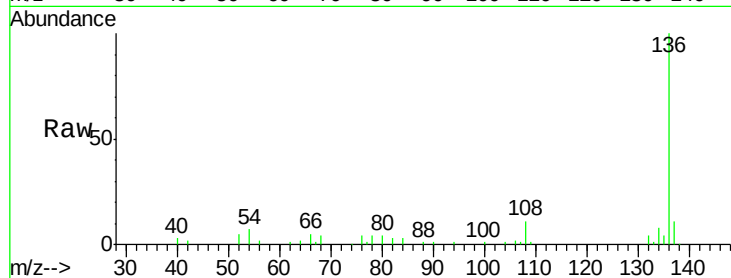




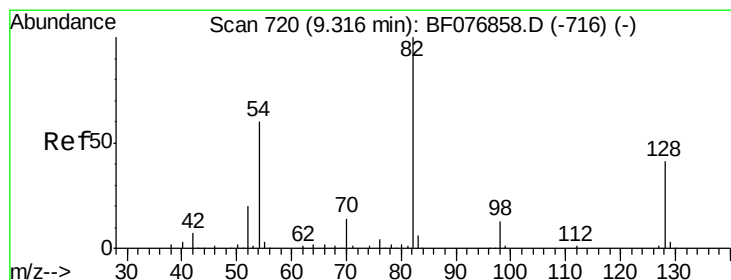
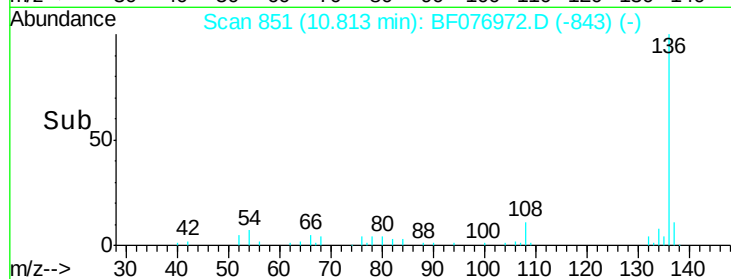
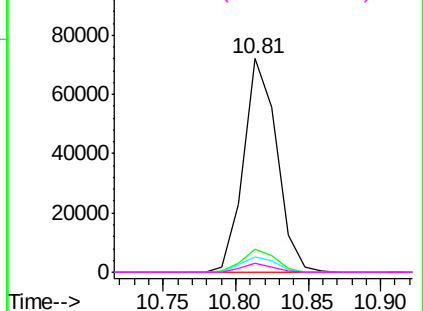
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.81 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF076972.D
Acq: 20 Jan 2015 20:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	114793
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.1	12.1
54	7.4	7.0	10.4
68	4.5	3.7	5.5

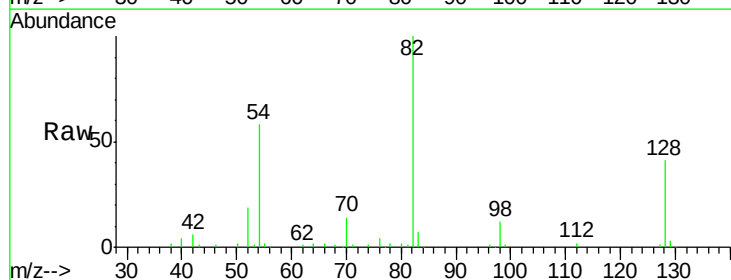


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

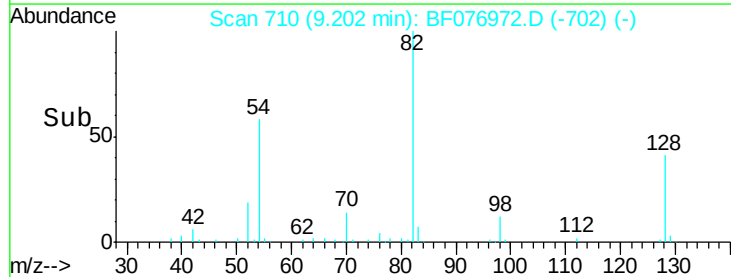
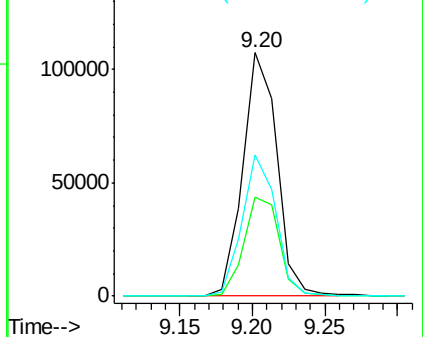


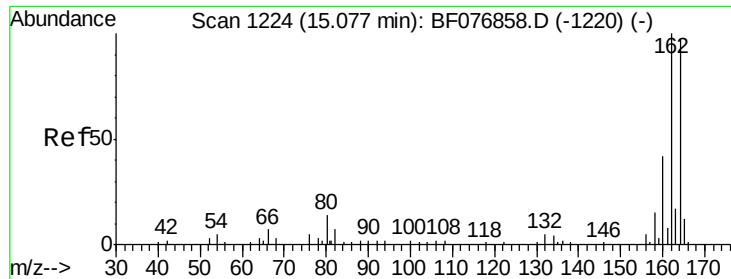
#23
Nitrobenzene-d5
Concen: 84.56 ng
RT: 9.20 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF076972.D
Acq: 20 Jan 2015 20:46

Tgt Ion:	82	Resp:	175202
Ion	Ratio	Lower	Upper
82	100		
128	40.5	33.1	49.7
54	57.8	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

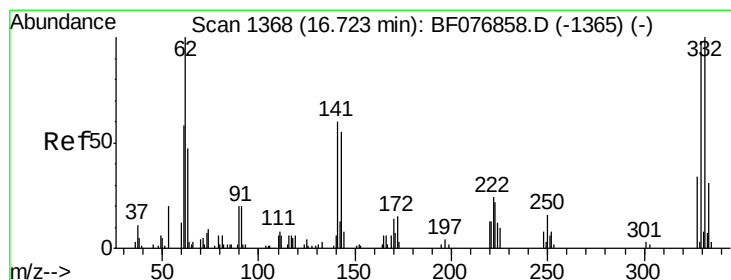
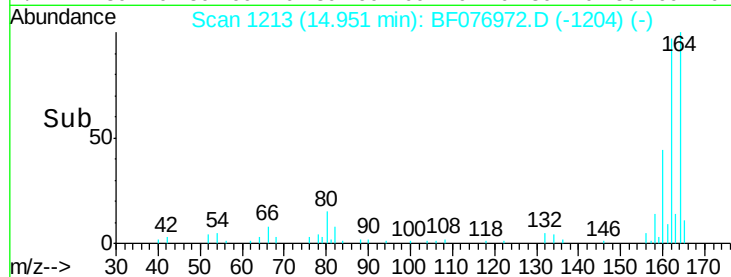
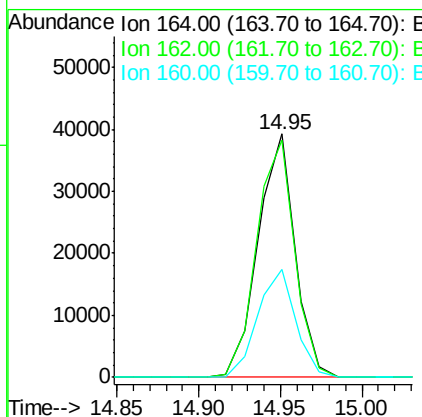
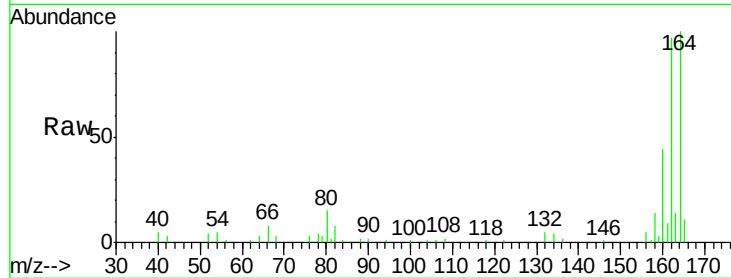




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.95 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF076972.D
 Acq: 20 Jan 2015 20:46

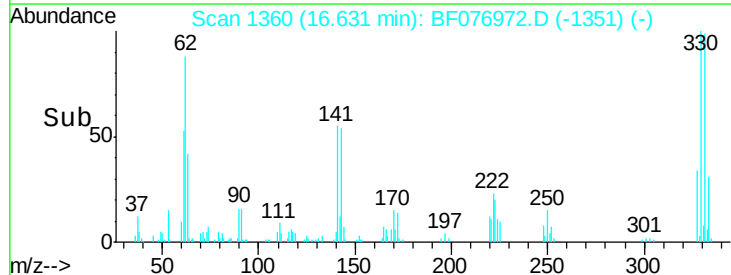
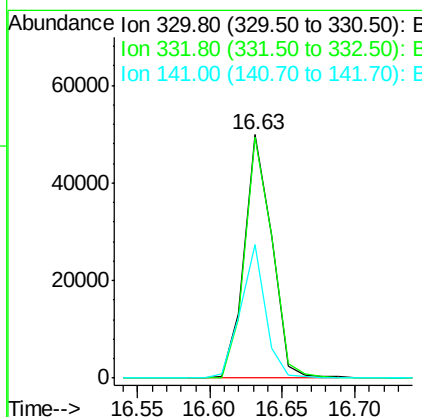
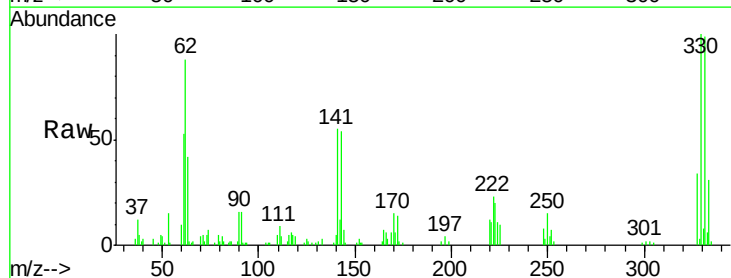
Instrument :
 BNA_F
 ClientSampleId :

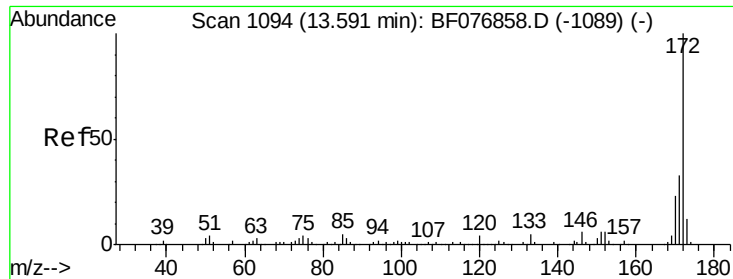
Tot Ion:164 Resp: 61689
 Ion Ratio Lower Upper
 164 100
 162 97.5 82.4 123.6
 160 44.4 34.8 52.2



#41
 2,4,6-Tribromophenol
 Concen: 132.16 ng
 RT: 16.63 min Scan# 1360
 Delta R.T. -0.00 min
 Lab File: BF076972.D
 Acq: 20 Jan 2015 20:46

Tgt Ion:330 Resp: 66181
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.8 116.6
 141 49.6 38.5 57.7

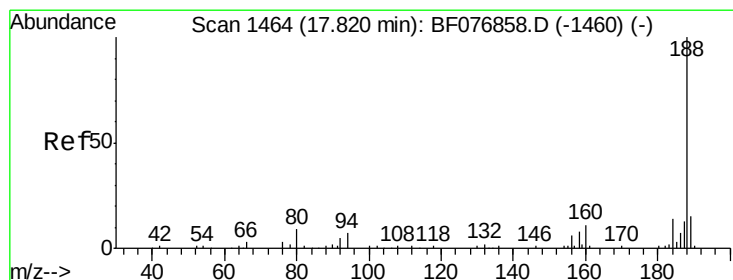
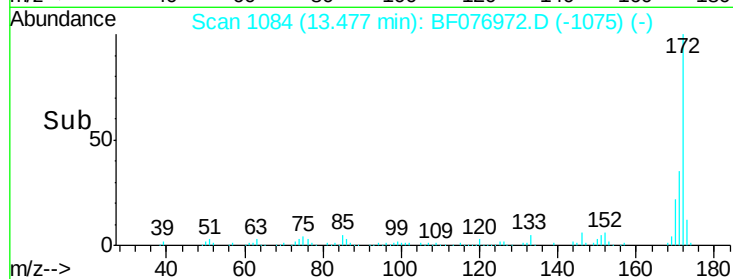
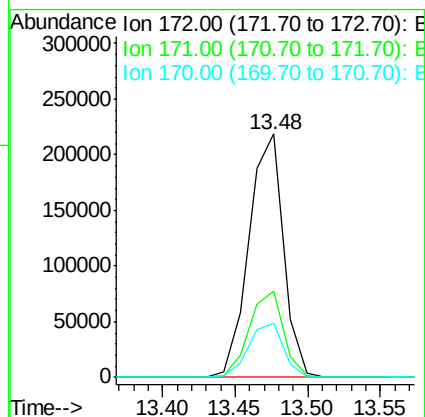
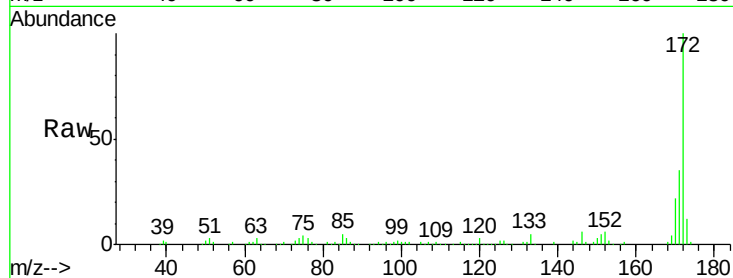




#44
 2-Fluorobiphenyl
 Concen: 88.64 ng
 RT: 13.48 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF076972.D
 Acq: 20 Jan 2015 20:46

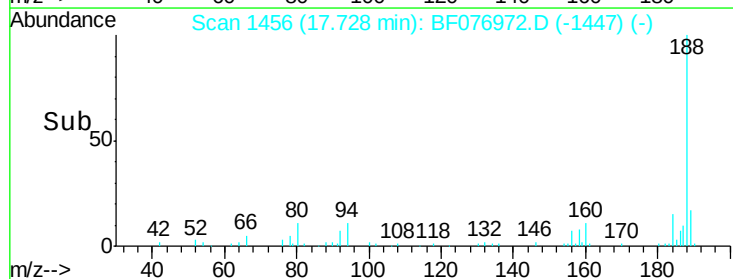
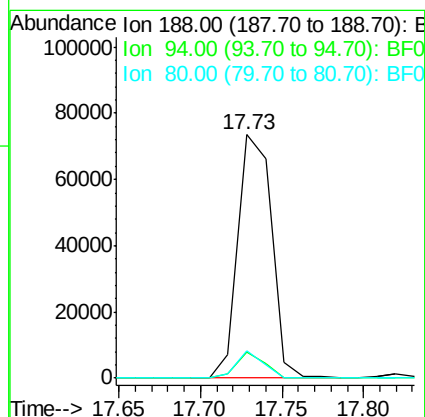
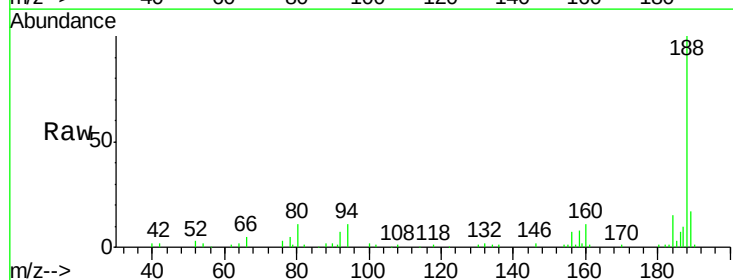
Instrument :
 BNA_F
 ClientSampleId :

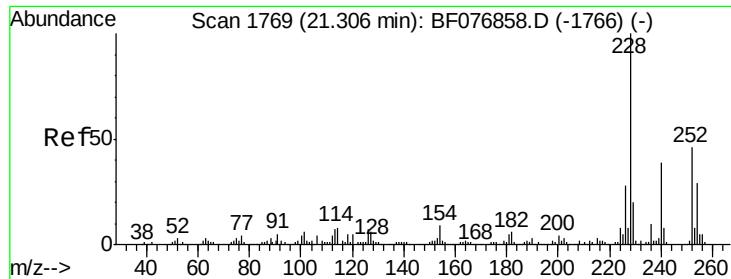
Tot Ion:172 Resp: 359317
 Ion Ratio Lower Upper
 172 100
 171 35.3 26.6 40.0
 170 22.4 18.0 27.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.73 min Scan# 1456
 Delta R.T. -0.00 min
 Lab File: BF076972.D
 Acq: 20 Jan 2015 20:46

Tgt Ion:188 Resp: 104611
 Ion Ratio Lower Upper
 188 100
 94 10.8 6.0 9.0#
 80 11.2 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: BF076972.D

Acq: 20 Jan 2015 20:46

Instrument :

BNA_F

ClientSampleId :

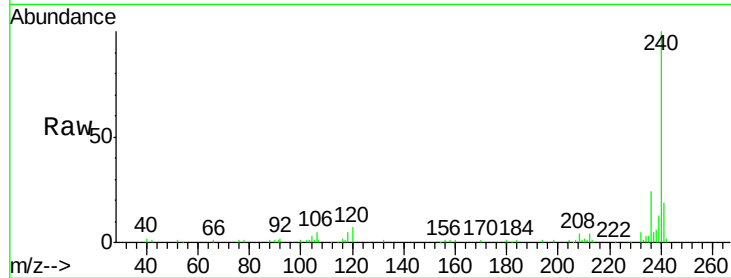
Tot Ion:240 Resp: 105799

Ion Ratio Lower Upper

240 100

120 7.3 10.4 15.6#

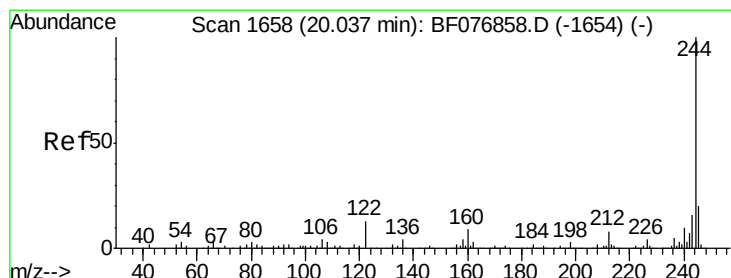
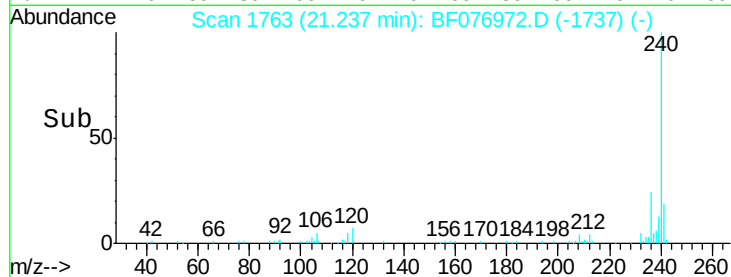
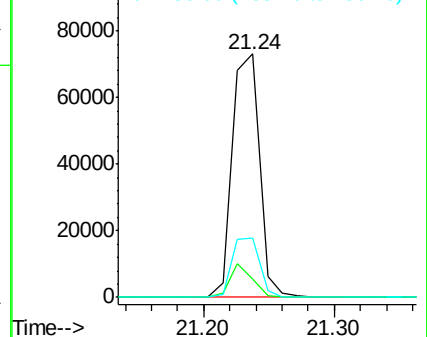
236 24.2 20.2 30.2



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: 90.34 ng

RT: 19.97 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BF076972.D

Acq: 20 Jan 2015 20:46

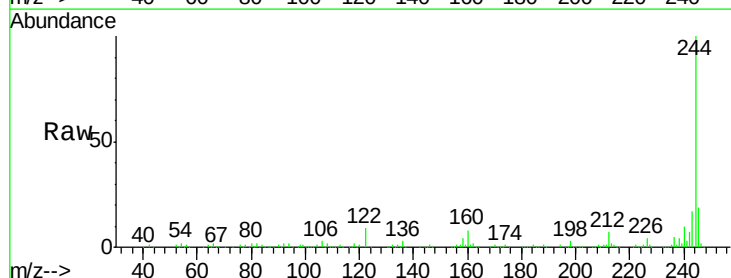
Tgt Ion:244 Resp: 415178

Ion Ratio Lower Upper

244 100

212 6.9 6.3 9.5

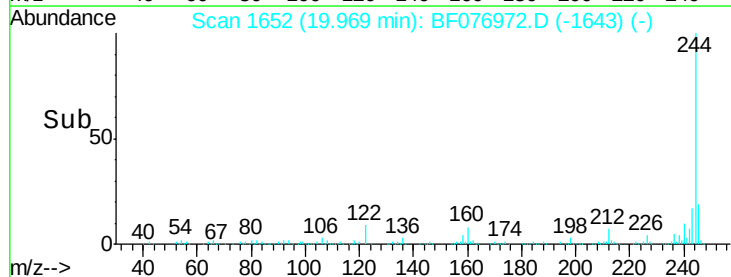
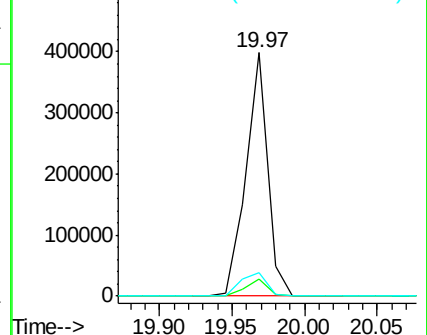
122 9.4 10.1 15.1#

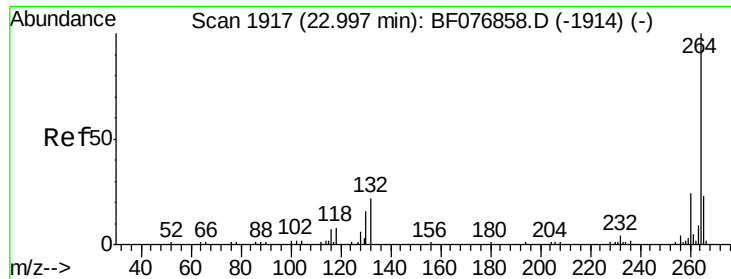


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

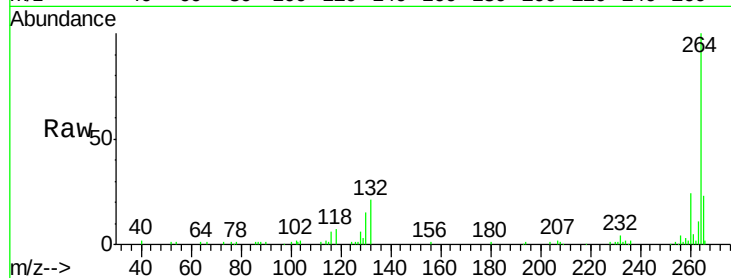




#86
Pervlone-d12
Concen: 20.00 ng
RT: 22.88 min Scan# 1907
Delta R.T. 0.01 min
Lab File: BF076972.D
Acq: 20 Jan 2015 20:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.4
265	22.8	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

