

Data Path : Z:\HPCHEM1\BNA F\Data\BF011515\
 Data File : BF076905.D
 Acq On : 16 Jan 2015 5:17
 Operator : IZ / TP
 Sample : G1086-01
 Misc : W
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 06:10:30 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 15 11:52:04 2015
 Response via : Initial Calibration

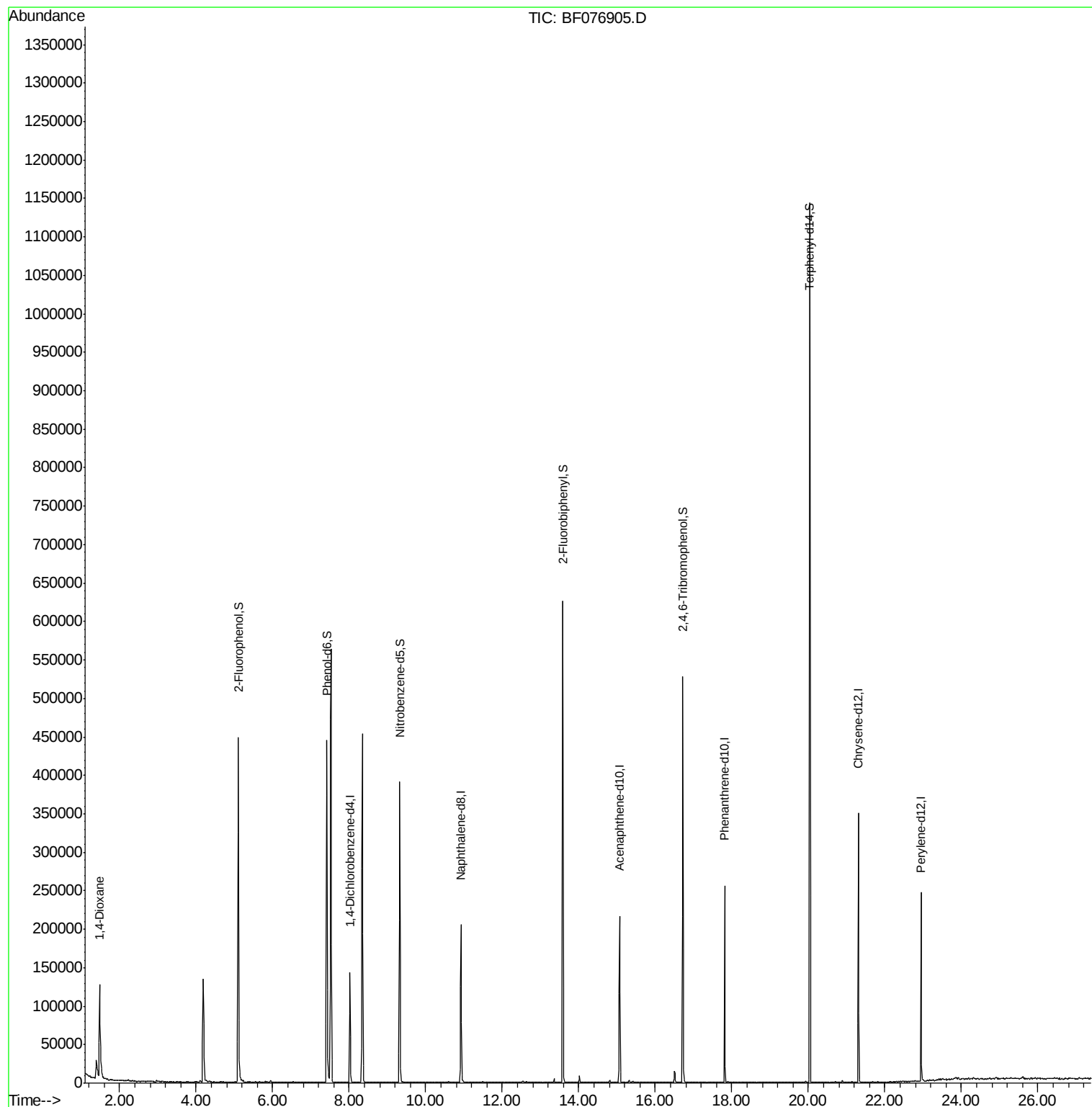
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	35162	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	154542	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	84335	20.00	ng	-0.01
63) Phenanthrene-d10	17.82	188	141780	20.00	ng	0.00
75) Chrysene-d12	21.31	240	137697	20.00	ng	0.00
86) Perylene-d12	22.95	264	132723	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	231693	108.34	ng	0.01
7) Phenol-d6	7.42	99	265063	98.25	ng	0.00
23) Nitrobenzene-d5	9.32	82	193004	69.19	ng	0.00
41) 2,4,6-Tribromophenol	16.72	330	69490	101.51	ng	0.00
44) 2-Fluorobiphenyl	13.59	172	383427	69.19	ng	0.00
78) Terphenyl-d14	20.04	244	395954	66.20	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.48	88	5453	5.95	ng	Qvalue # 12

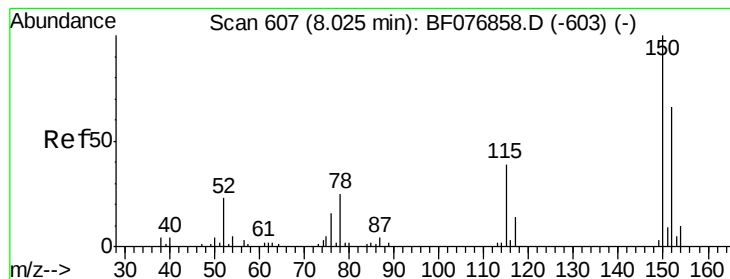
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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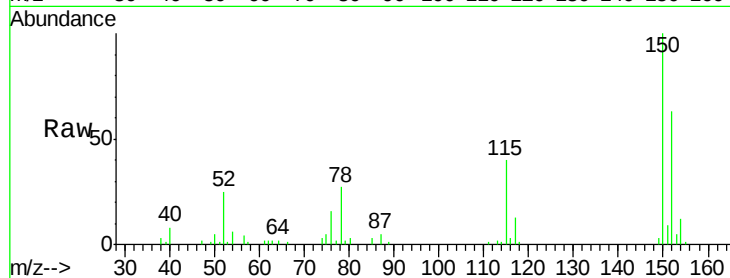


#1

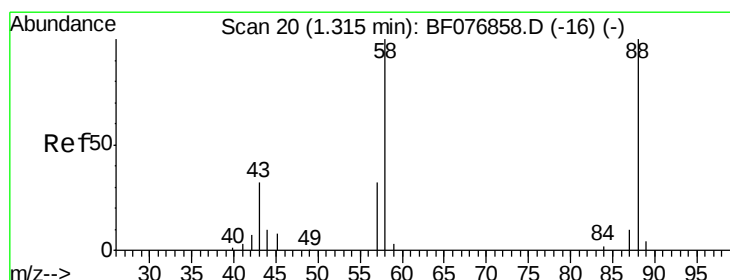
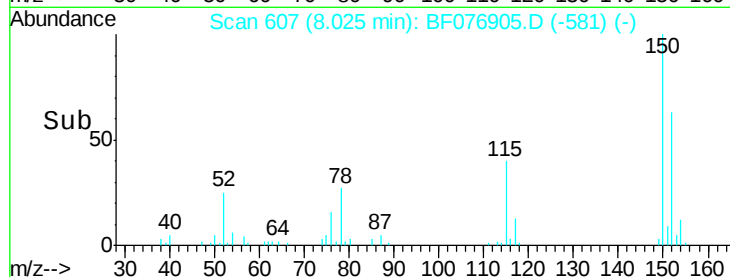
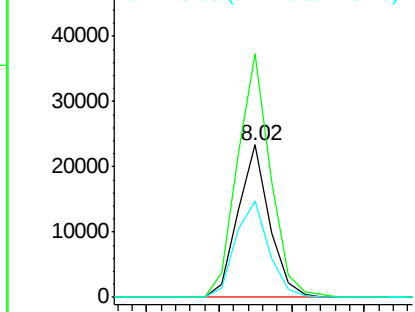
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.02 min Scan# 607
Delta R.T. 0.00 min
Lab File: BF076905.D
Acq: 16 Jan 2015 5:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 35162
Ion Ratio Lower Upper
152 100
150 159.5 121.7 182.5
115 63.6 47.0 70.6



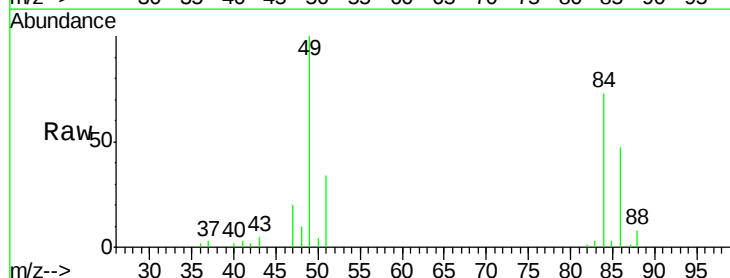
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



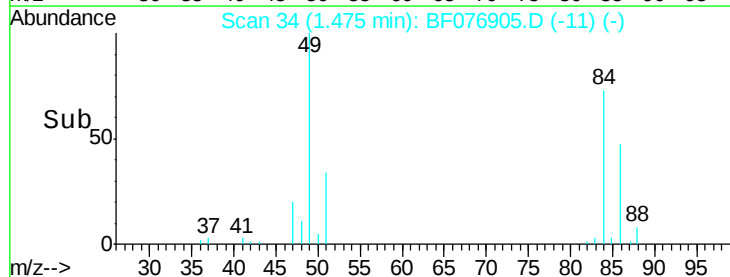
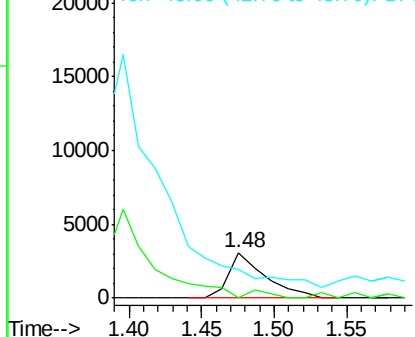
#2

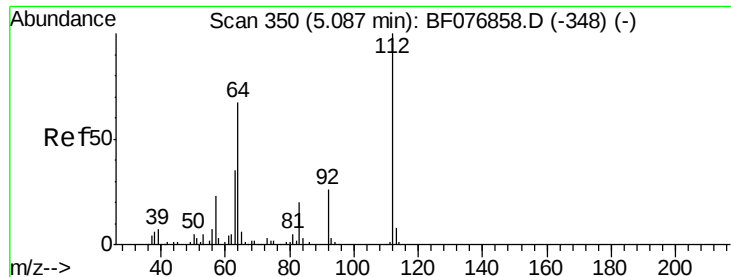
1,4-Dioxane
Concen: 5.95 ng
RT: 1.48 min Scan# 34
Delta R.T. 0.16 min
Lab File: BF076905.D
Acq: 16 Jan 2015 5:17

Tgt Ion: 88 Resp: 5453
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: 108.34 ng

RT: 5.10 min Scan# 351

Delta R.T. 0.01 min

Lab File: BF076905.D

Acq: 16 Jan 2015 5:17

Instrument :

BNA_F

ClientSampleId :

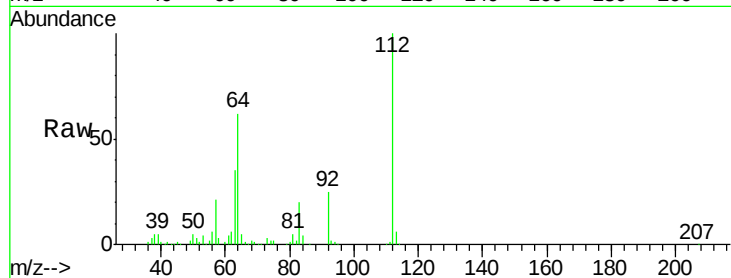
Tot Ion:112 Resp: 231693

Ion Ratio Lower Upper

112 100

64 62.2 54.2 81.4

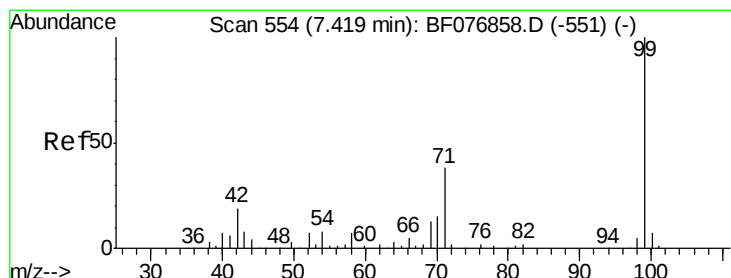
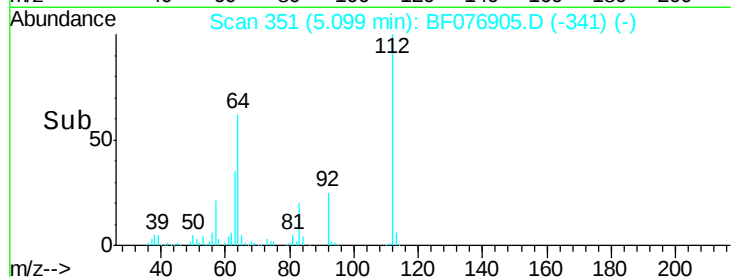
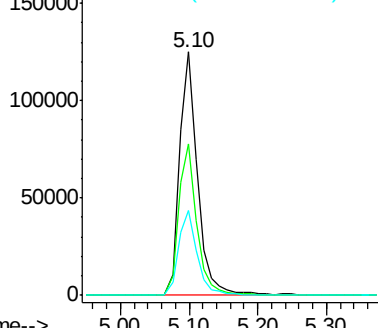
63 34.7 28.4 42.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 98.25 ng

RT: 7.42 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF076905.D

Acq: 16 Jan 2015 5:17

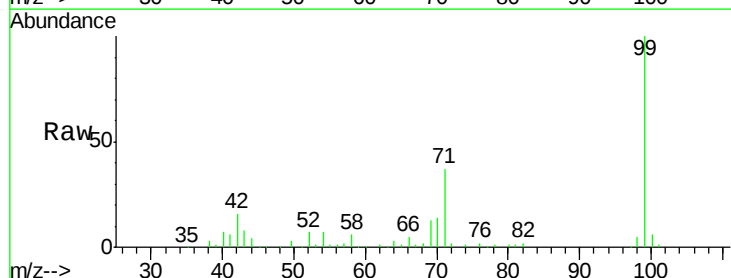
Tgt Ion: 99 Resp: 265063

Ion Ratio Lower Upper

99 100

42 16.0 15.0 22.4

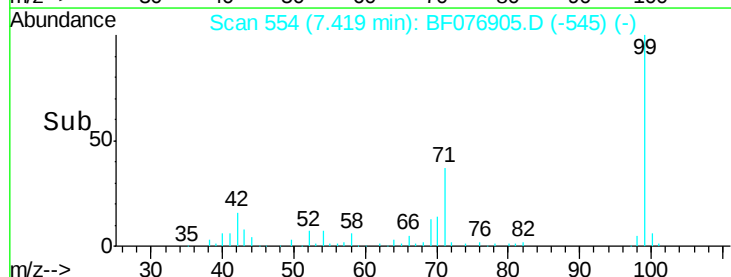
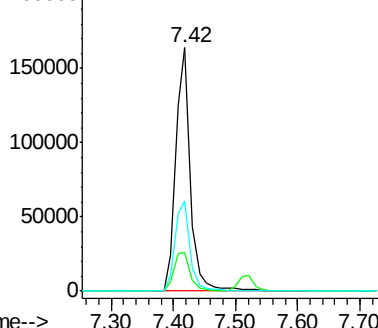
71 36.9 30.5 45.7



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

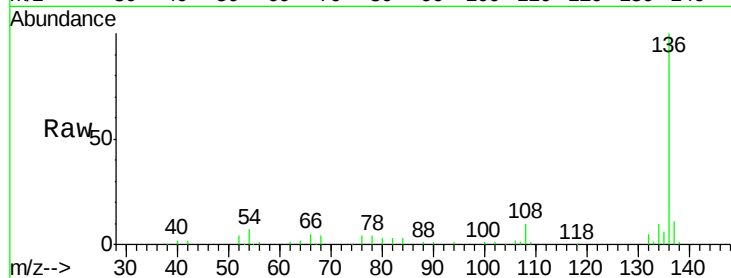




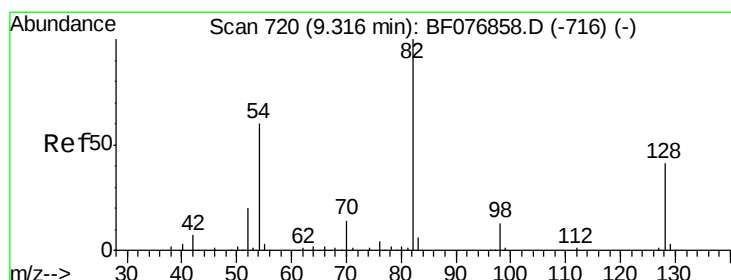
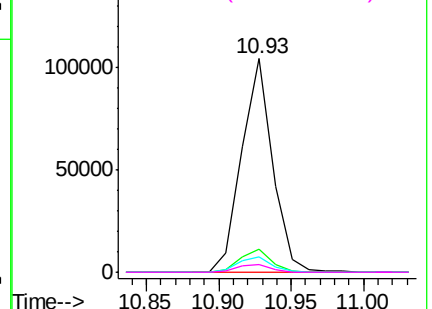
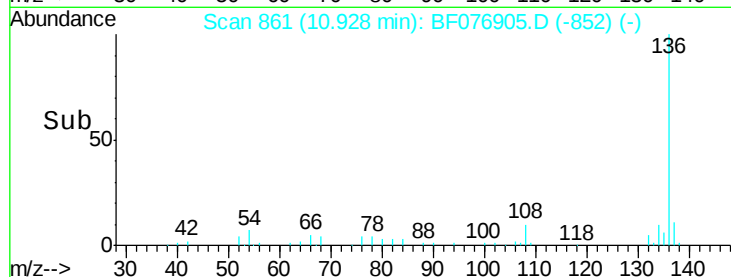
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF076905.D
Acq: 16 Jan 2015 5:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	154542
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.1 12.1
54	7.4	7.0 10.4
68	3.7	3.7 5.5

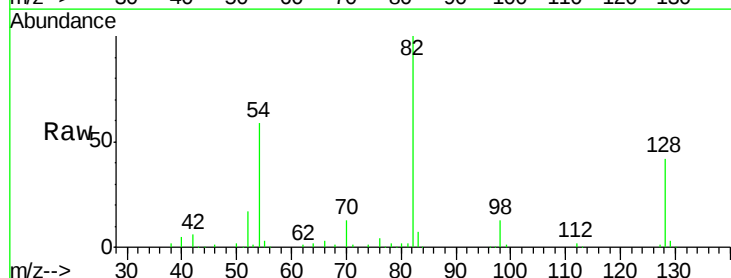


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

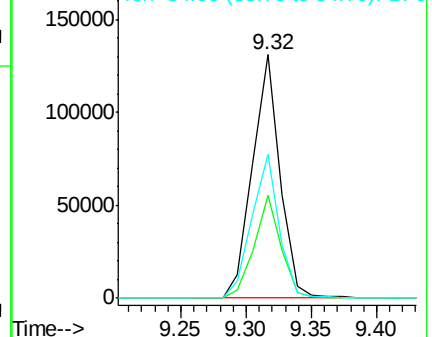
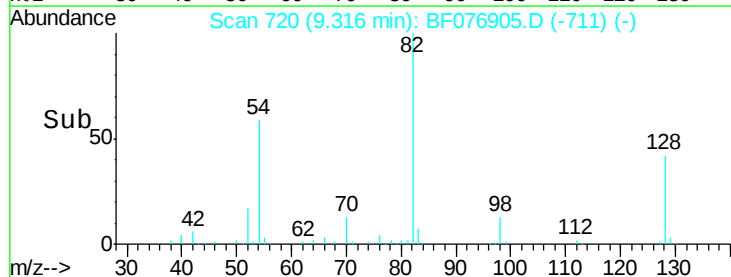


#23
Nitrobenzene-d5
Concen: 69.19 ng
RT: 9.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF076905.D
Acq: 16 Jan 2015 5:17

Tgt Ion: 82	Resp:	193004
Ion Ratio	Lower	Upper
82	100	
128	42.5	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): E
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: BF076905.D

Acq: 16 Jan 2015 5:17

Instrument :

BNA_F

ClientSampleId :

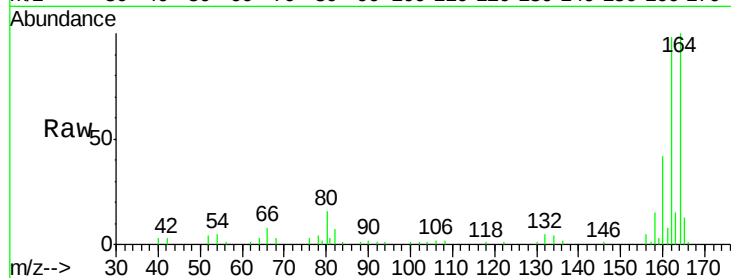
Tot Ion:164 Resp: 84335

Ion Ratio Lower Upper

164 100

162 98.4 82.4 123.6

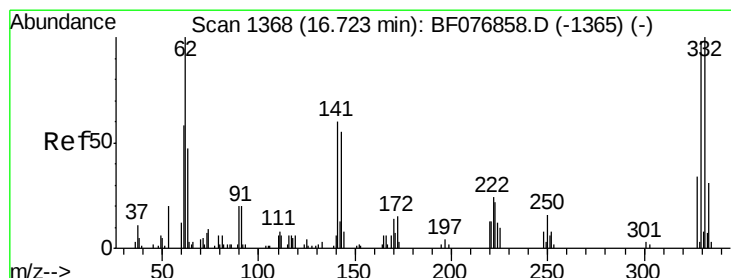
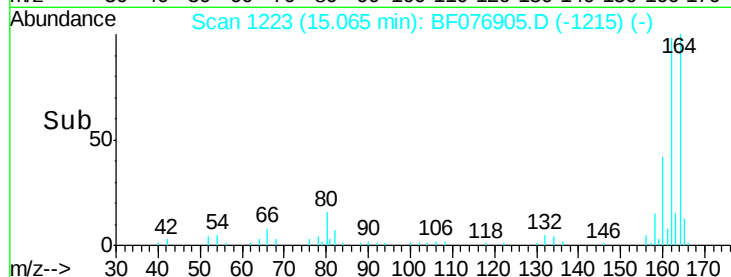
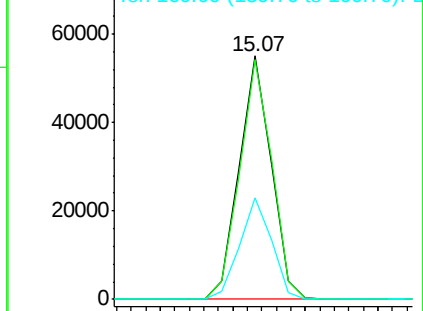
160 41.8 34.8 52.2



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: 101.51 ng

RT: 16.72 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BF076905.D

Acq: 16 Jan 2015 5:17

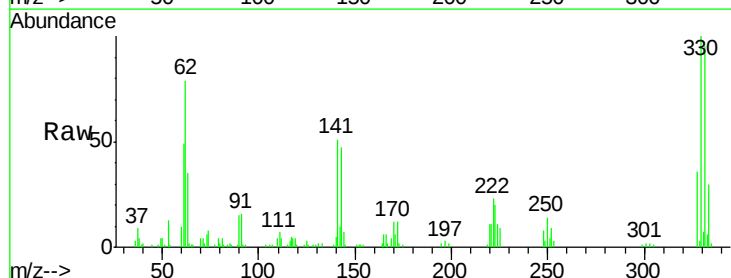
Tgt Ion:330 Resp: 69490

Ion Ratio Lower Upper

330 100

332 97.9 77.8 116.6

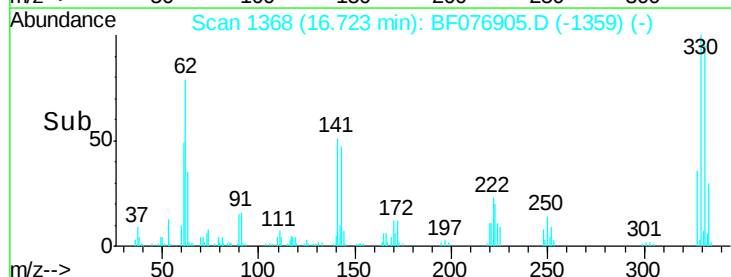
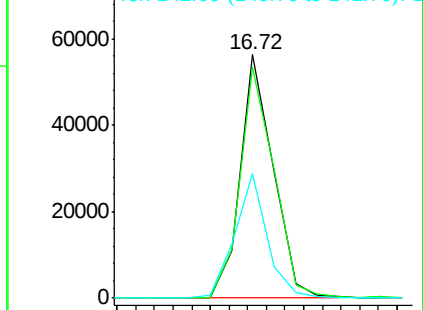
141 50.3 38.5 57.7

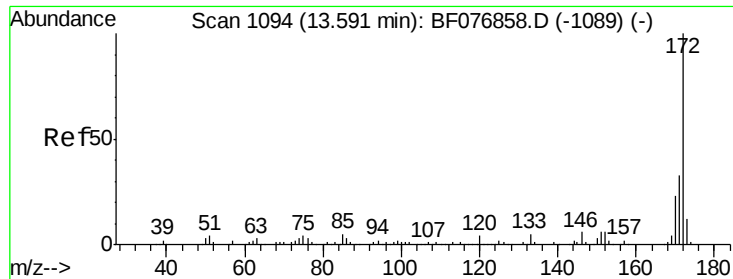


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

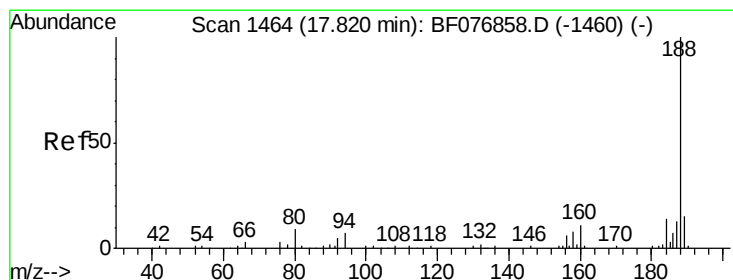
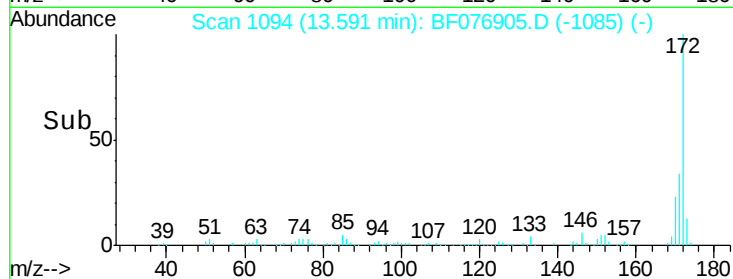
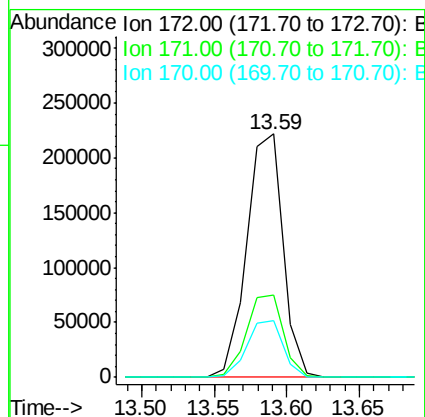
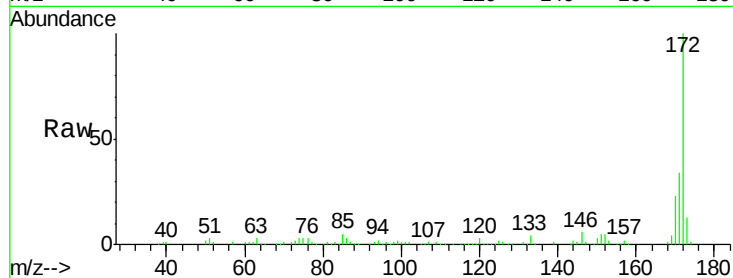




#44
 2-Fluorobiphenyl
 Concen: 69.19 ng
 RT: 13.59 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: BF076905.D
 Acq: 16 Jan 2015 5:17

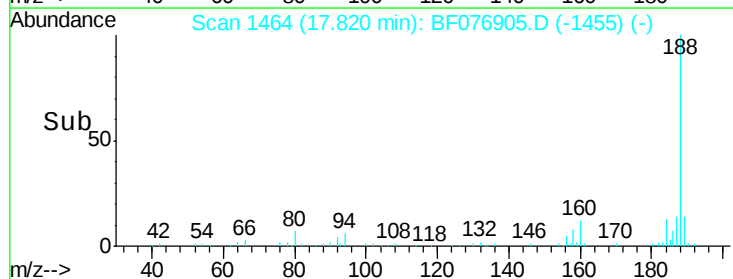
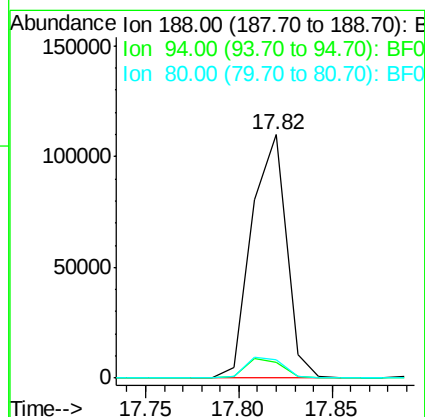
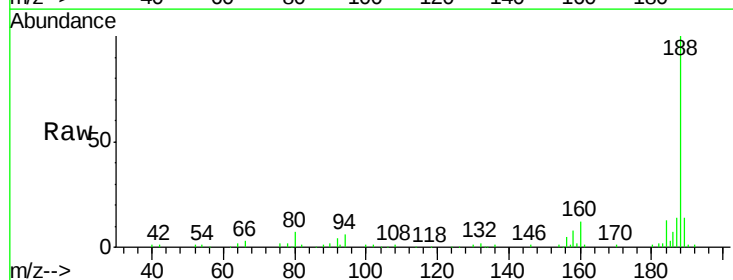
Instrument :
 BNA_F
 ClientSampleID :

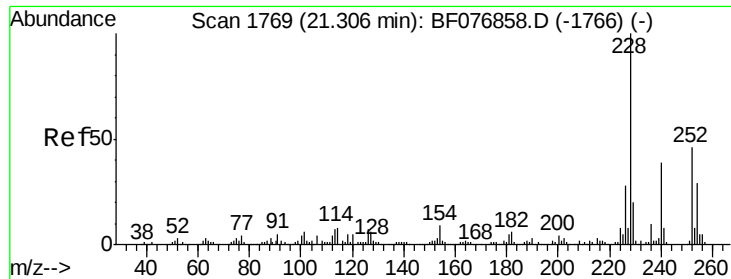
Tot Ion:172 Resp: 383427
 Ion Ratio Lower Upper
 172 100
 171 33.7 26.6 40.0
 170 23.3 18.0 27.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.82 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF076905.D
 Acq: 16 Jan 2015 5:17

Tgt Ion:188 Resp: 141780
 Ion Ratio Lower Upper
 188 100
 94 6.2 6.0 9.0
 80 7.3 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: BF076905.D

Acq: 16 Jan 2015 5:17

Instrument :

BNA_F

ClientSampleId :

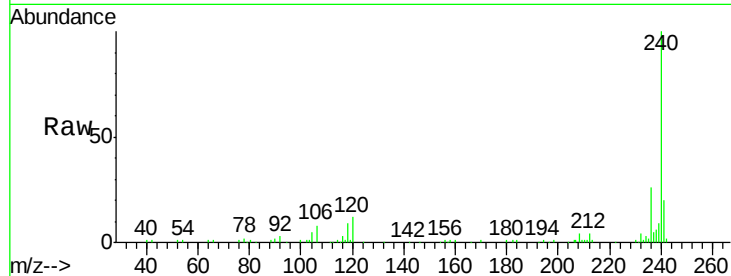
Tot Ion:240 Resp: 137697

Ion Ratio Lower Upper

240 100

120 11.7 10.4 15.6

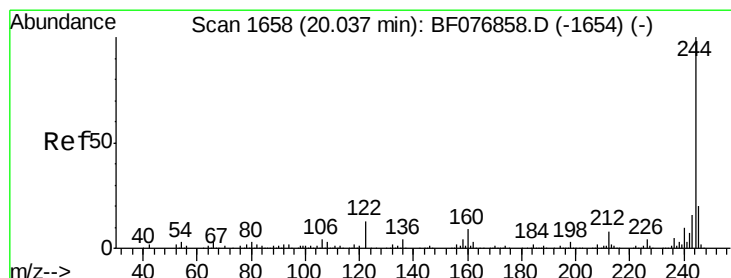
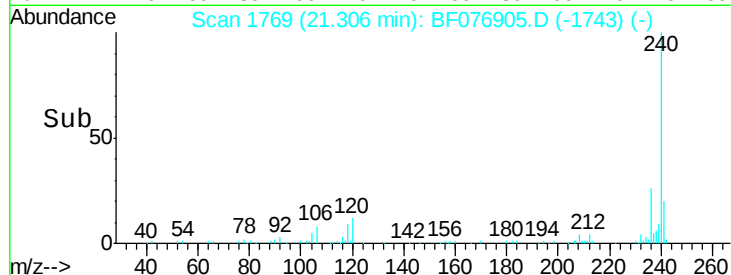
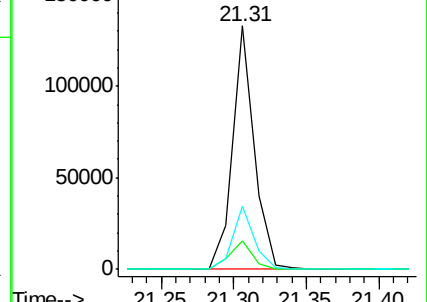
236 25.8 20.2 30.2



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: 66.20 ng

RT: 20.04 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BF076905.D

Acq: 16 Jan 2015 5:17

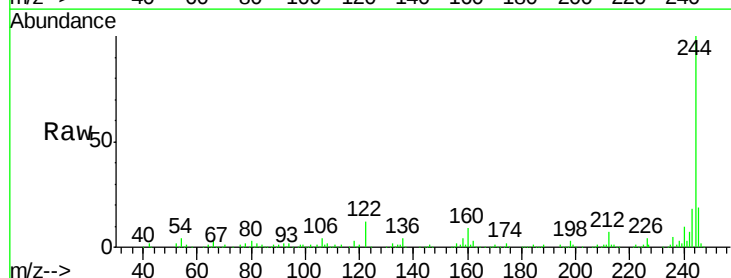
Tgt Ion:244 Resp: 395954

Ion Ratio Lower Upper

244 100

212 7.4 6.3 9.5

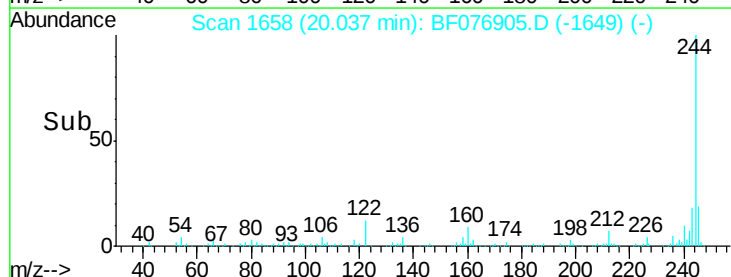
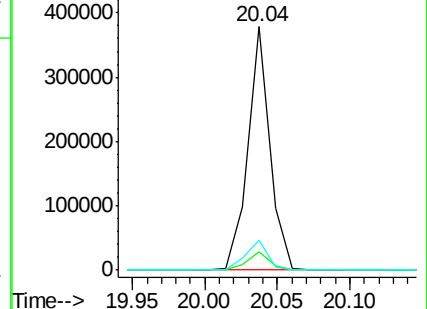
122 12.1 10.1 15.1

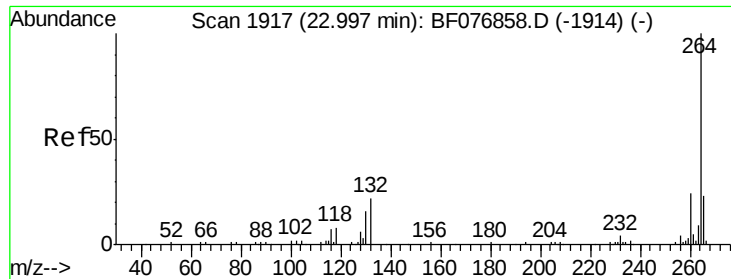


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

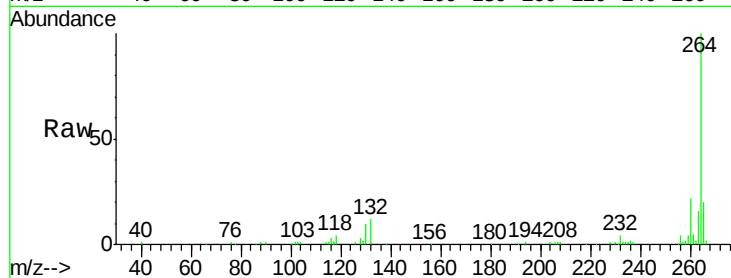




#86
Pervlene-d12
Concen: 20.00 ng
RT: 22.95 min Scan# 1913
Delta R.T. -0.05 min
Lab File: BF076905.D
Acq: 16 Jan 2015 5:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 264 Resp: 132723
Ion Ratio Lower Upper
264 100
260 22.5 19.0 28.4
265 19.9 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

