

Data Path : Z:\HPCHEM1\BNA F\Data\BF011415\
 Data File : BF076863.D
 Acq On : 14 Jan 2015 17:09
 Operator : IZ / TP
 Sample : PB81310BL
 Misc : W DOD
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81310BL

Quant Time: Jan 15 00:00:57 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

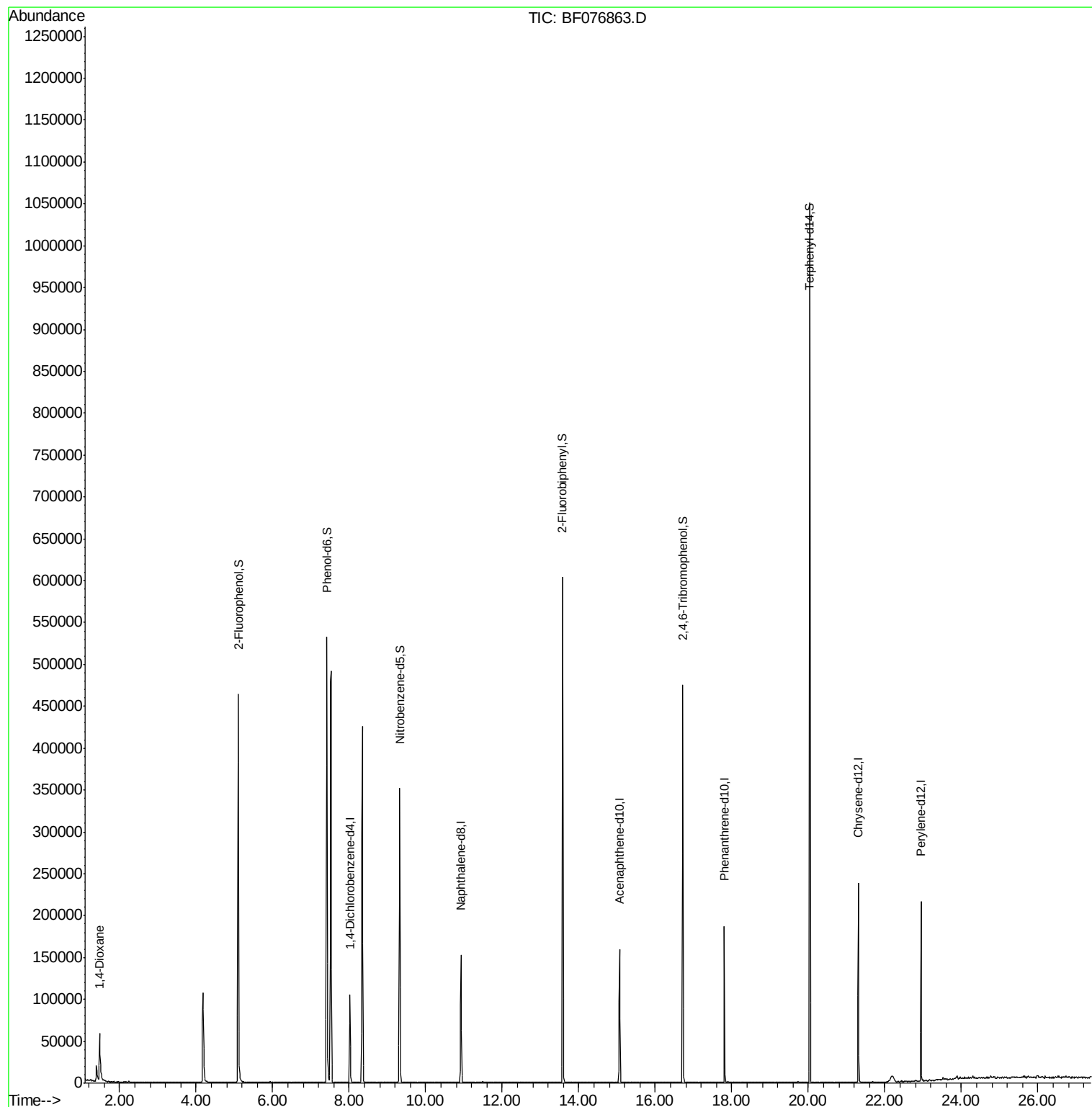
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	28859	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	116542	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	62534	20.00	ng	-0.01
63) Phenanthrene-d10	17.81	188	102988	20.00	ng	-0.01
75) Chrysene-d12	21.31	240	103397	20.00	ng	0.00
86) Perylene-d12	22.94	264	94920	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	231125	131.68	ng	0.01
7) Phenol-d6	7.42	99	290667	131.27	ng	0.00
23) Nitrobenzene-d5	9.32	82	178095	84.66	ng	0.00
41) 2,4,6-Tribromophenol	16.72	330	63395	124.89	ng	0.00
44) 2-Fluorobiphenyl	13.58	172	358446	87.23	ng	-0.01
78) Terphenyl-d14	20.04	244	370518	82.50	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.48	88	1667	2.22	ng	Qvalue # 12

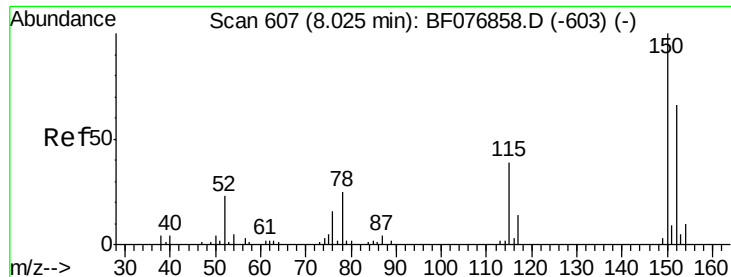
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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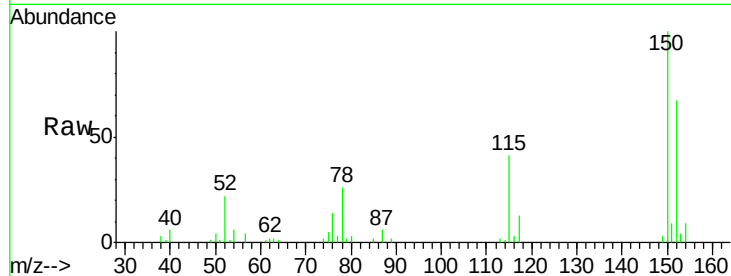


#1

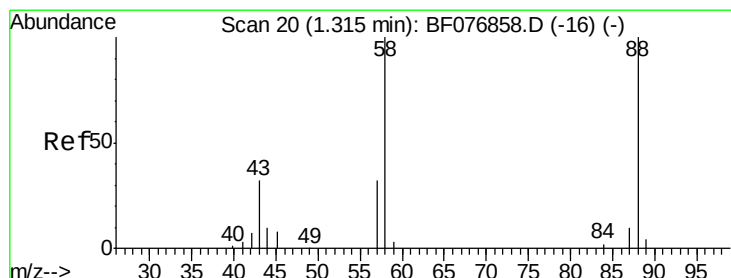
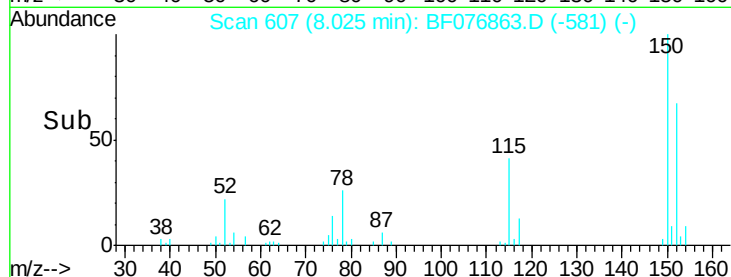
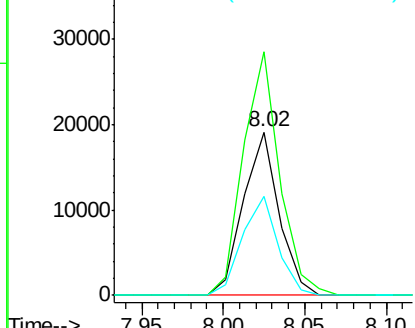
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.02 min Scan# 607
Delta R.T. 0.00 min
Lab File: BF076863.D
Acq: 14 Jan 2015 17:09

Instrument :
BNA_F
ClientSampleId :
PB81310BL

Tot Ion:152 Resp: 28859
Ion Ratio Lower Upper
152 100
150 149.4 121.7 182.5
115 60.8 47.0 70.6



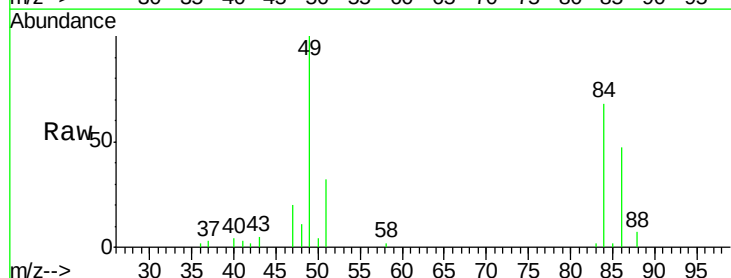
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



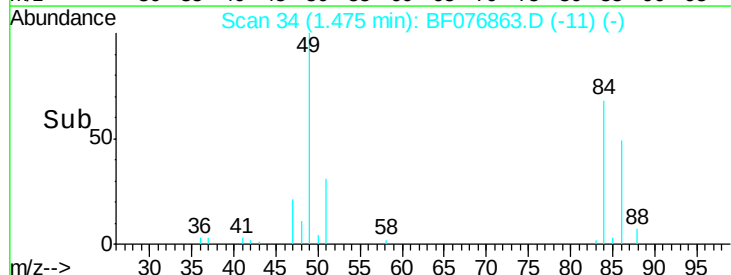
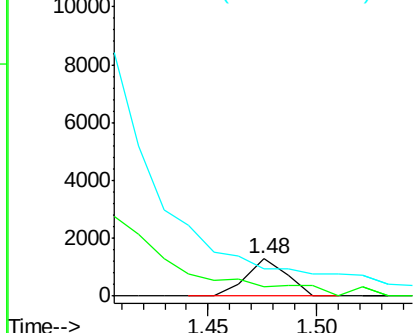
#2

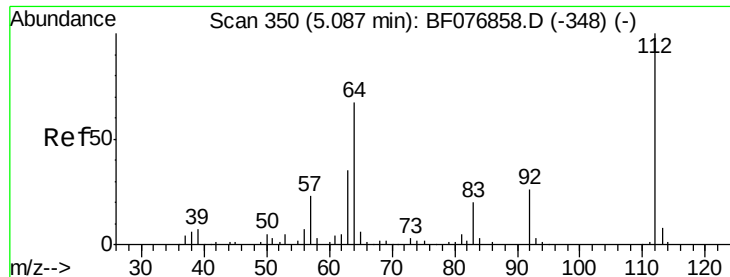
1,4-Dioxane
Concen: 2.22 ng
RT: 1.48 min Scan# 34
Delta R.T. 0.16 min
Lab File: BF076863.D
Acq: 14 Jan 2015 17:09

Tgt Ion: 88 Resp: 1667
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: 131.68 ng

RT: 5.10 min Scan# 351

Delta R.T. 0.01 min

Lab File: BF076863.D

Acq: 14 Jan 2015 17:09

Instrument :

BNA_F

ClientSampleId :

PB81310BL

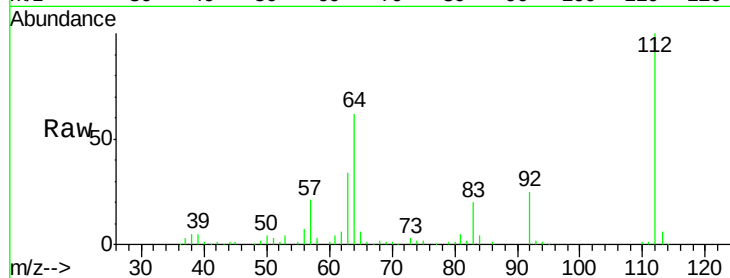
Tot Ion:112 Resp: 231125

Ion Ratio Lower Upper

112 100

64 62.3 54.2 81.4

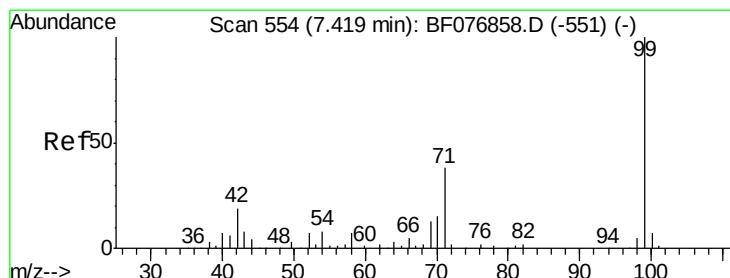
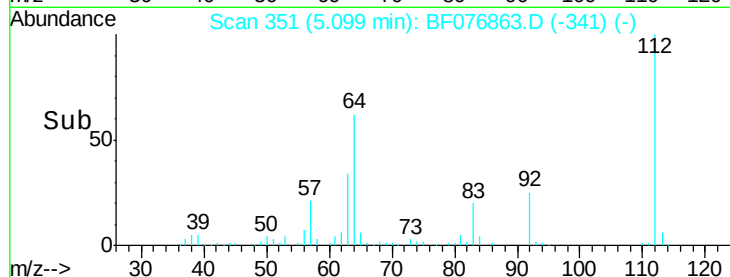
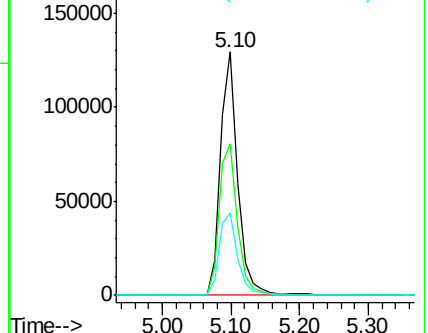
63 33.9 28.4 42.6



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: 131.27 ng

RT: 7.42 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF076863.D

Acq: 14 Jan 2015 17:09

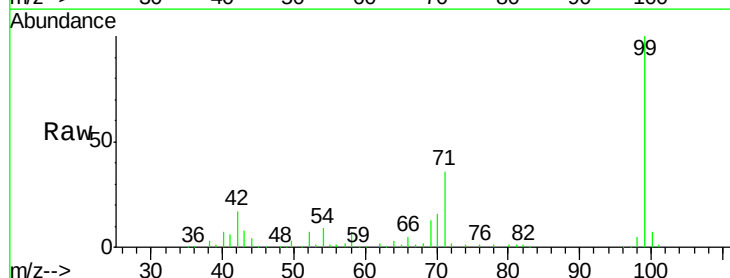
Tgt Ion: 99 Resp: 290667

Ion Ratio Lower Upper

99 100

42 16.7 15.0 22.4

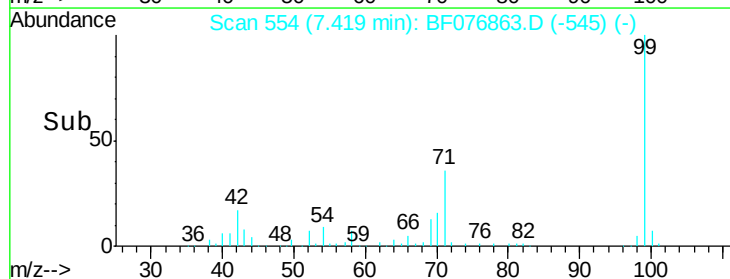
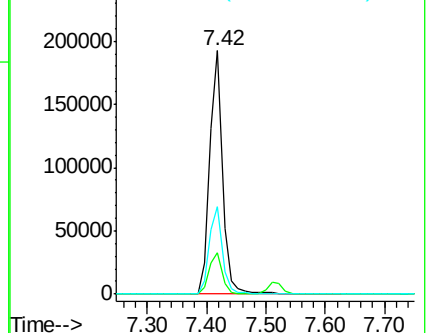
71 36.0 30.5 45.7

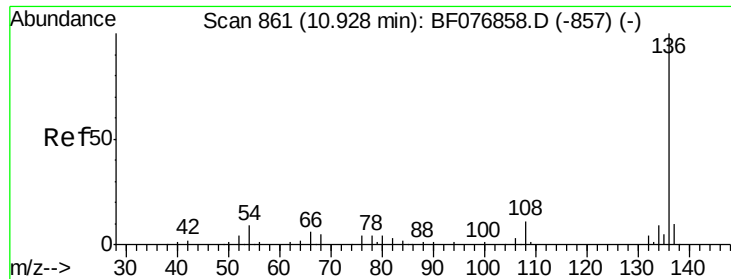


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

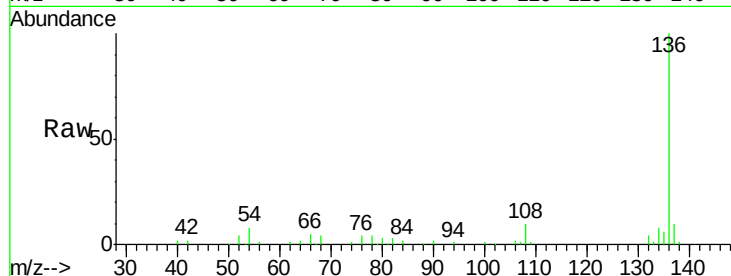




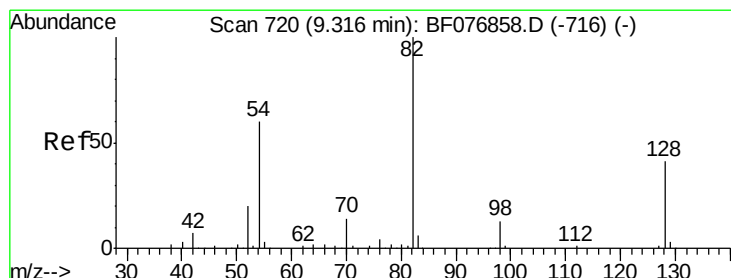
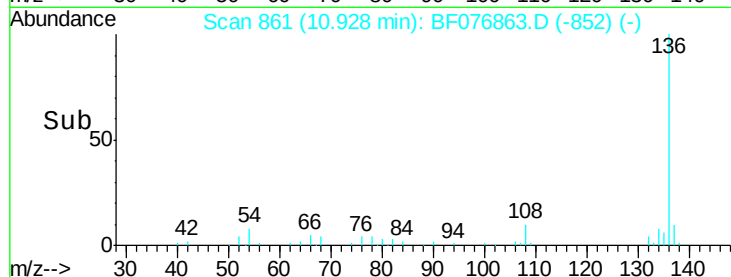
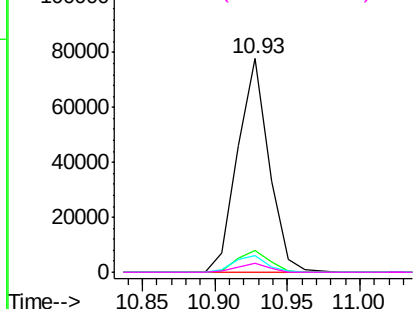
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF076863.D
Acq: 14 Jan 2015 17:09

Instrument :
BNA_F
ClientSampleId :
PB81310BL

Tot Ion:136	Resp:	116542
Ion Ratio	Lower	Upper
136 100		
137 10.4	8.1	12.1
54 7.9	7.0	10.4
68 4.4	3.7	5.5

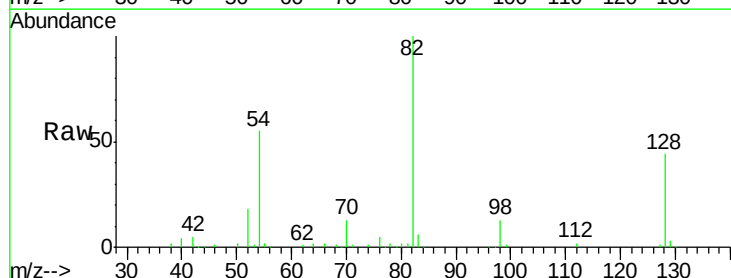


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

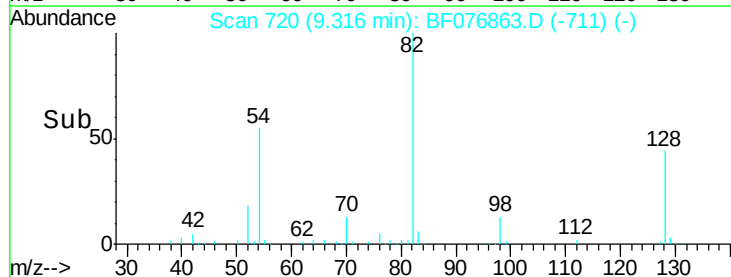
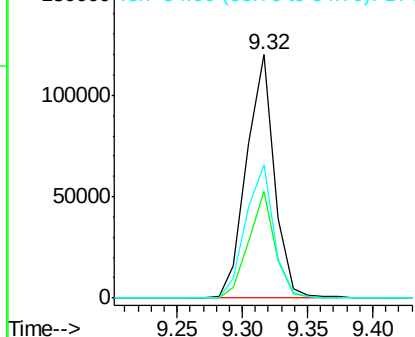


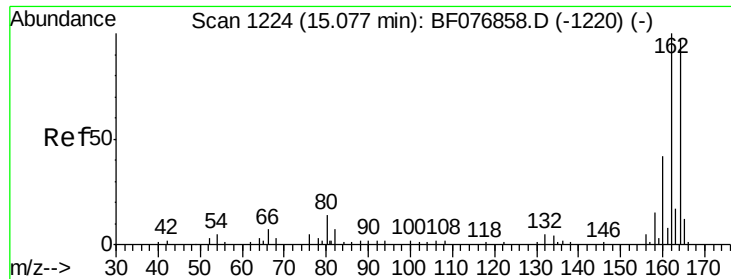
#23
Nitrobenzene-d5
Concen: 84.66 ng
RT: 9.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF076863.D
Acq: 14 Jan 2015 17:09

Tgt	Ion: 82	Resp:	178095
Ion	Ratio	Lower	Upper
82	100		
128	43.9	33.1	49.7
54	54.8	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: 15.07 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF076863.D

Acq: 14 Jan 2015 17:09

Instrument :

BNA_F

ClientSampled :

PB81310BL

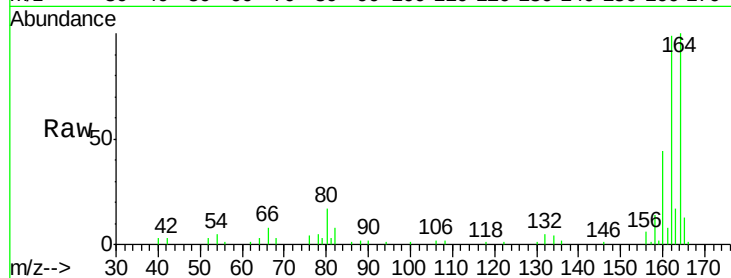
Tot Ion:164 Resp: 62534

Ion Ratio Lower Upper

164 100

162 98.8 82.4 123.6

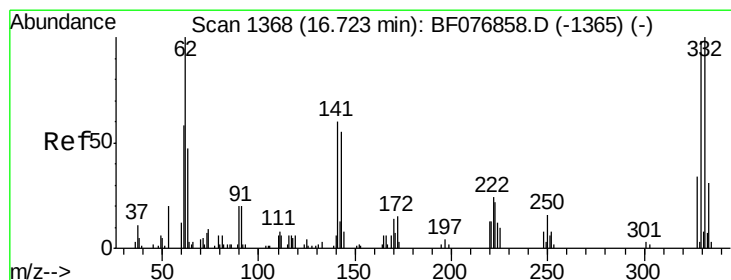
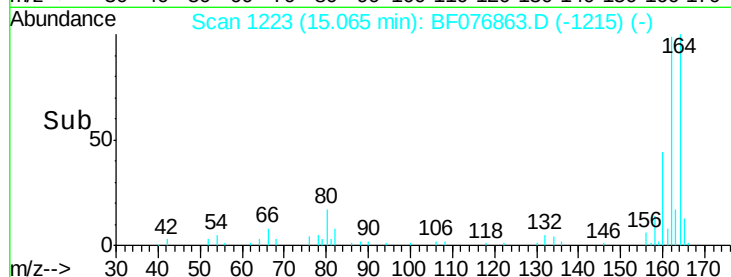
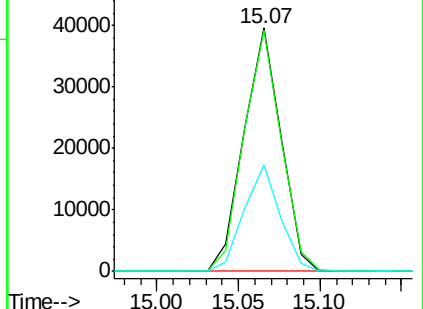
160 43.6 34.8 52.2



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: 124.89 ng

RT: 16.72 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BF076863.D

Acq: 14 Jan 2015 17:09

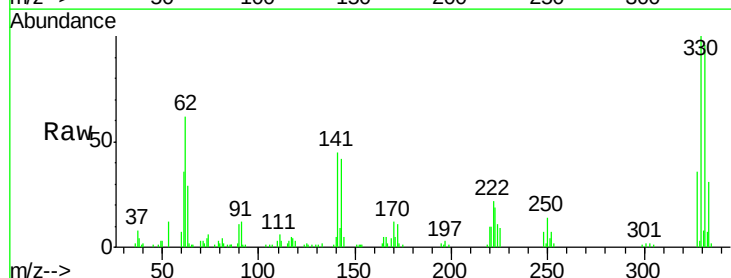
Tgt Ion:330 Resp: 63395

Ion Ratio Lower Upper

330 100

332 97.0 77.8 116.6

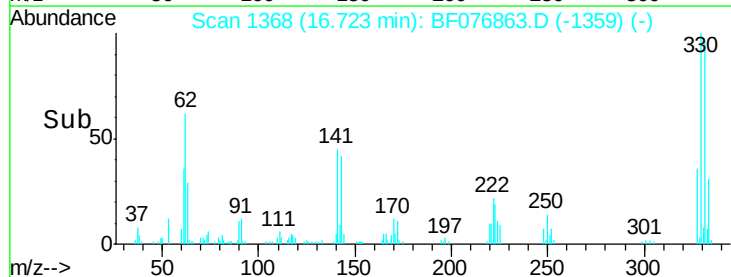
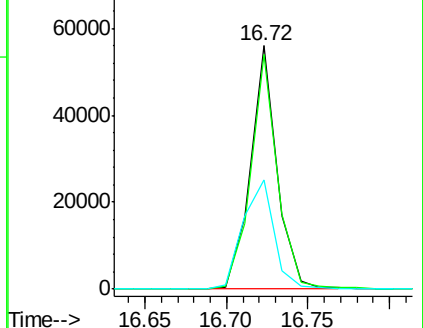
141 52.4 38.5 57.7

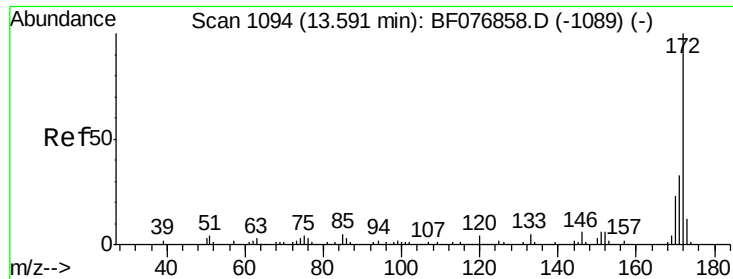


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

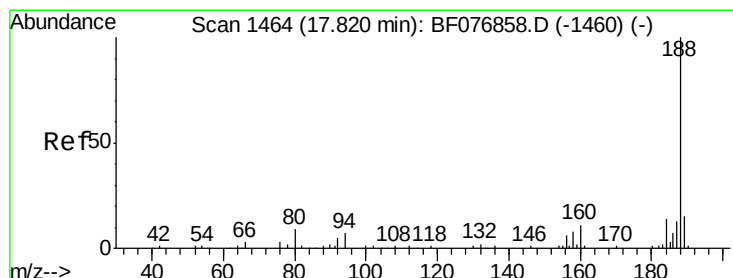
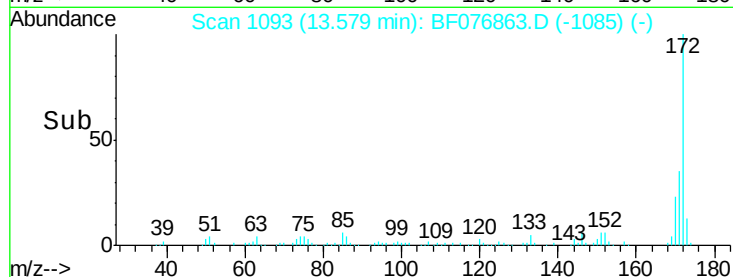
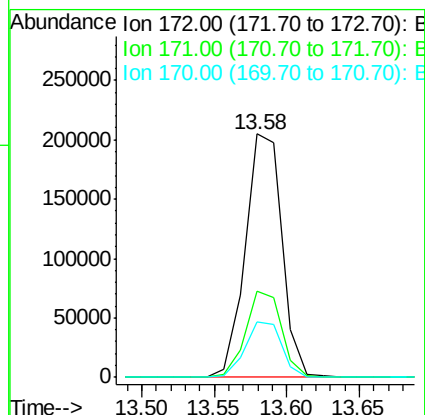
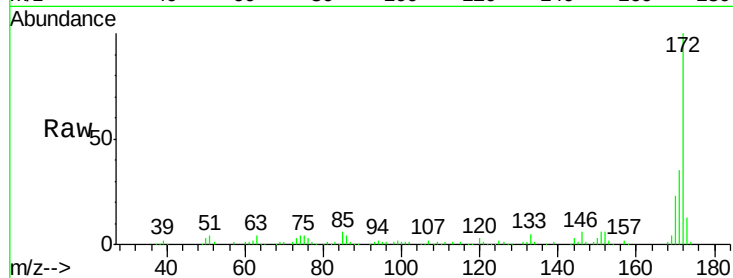




#44
2-Fluorobiphenyl
Concen: 87.23 ng
RT: 13.58 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BF076863.D
Acq: 14 Jan 2015 17:09

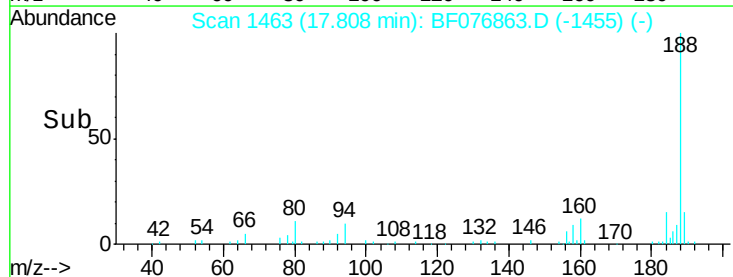
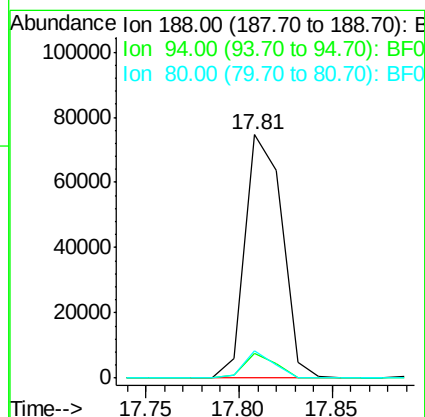
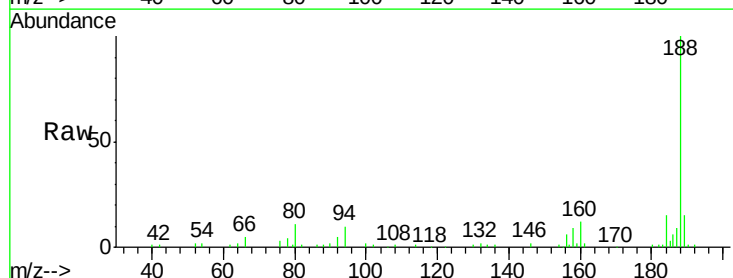
Instrument :
BNA_F
ClientSampled :
PB81310BL

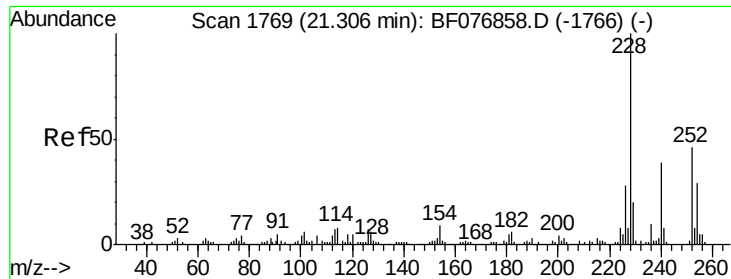
Tot Ion:172 Resp: 358446
Ion Ratio Lower Upper
172 100
171 35.3 26.6 40.0
170 22.7 18.0 27.0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.81 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF076863.D
Acq: 14 Jan 2015 17:09

Tgt Ion:188 Resp: 102988
Ion Ratio Lower Upper
188 100
94 10.1 6.0 9.0#
80 11.1 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: BF076863.D

Acq: 14 Jan 2015 17:09

Instrument :

BNA_F

ClientSampleId :

PB81310BL

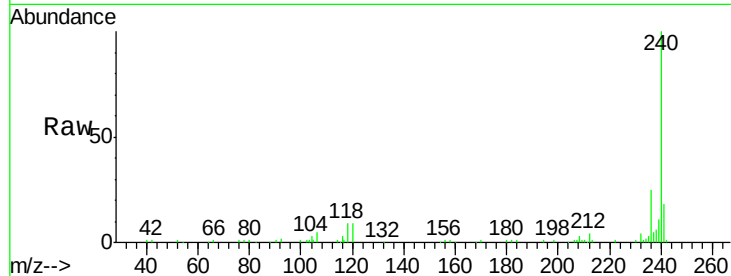
Tot Ion:240 Resp: 103397

Ion Ratio Lower Upper

240 100

120 8.7 10.4 15.6#

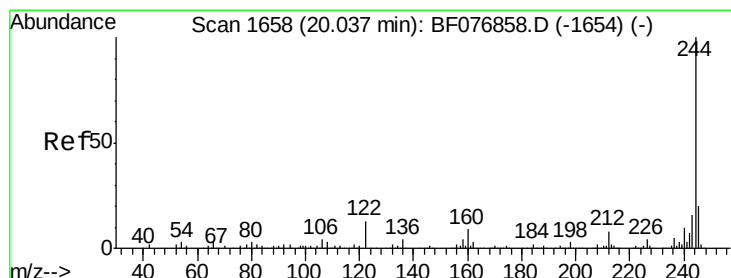
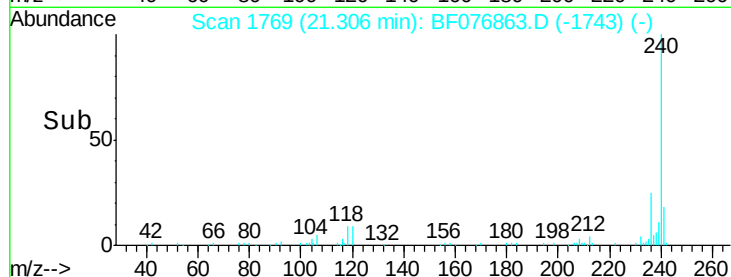
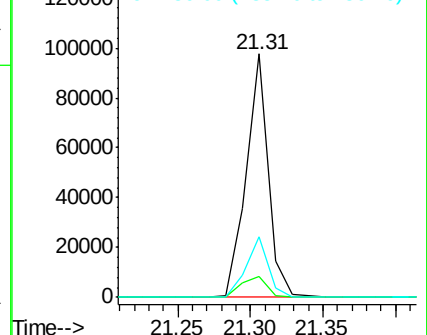
236 25.1 20.2 30.2



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: 82.50 ng

RT: 20.04 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BF076863.D

Acq: 14 Jan 2015 17:09

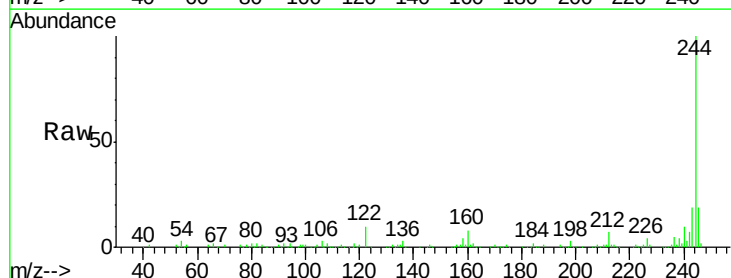
Tgt Ion:244 Resp: 370518

Ion Ratio Lower Upper

244 100

212 7.4 6.3 9.5

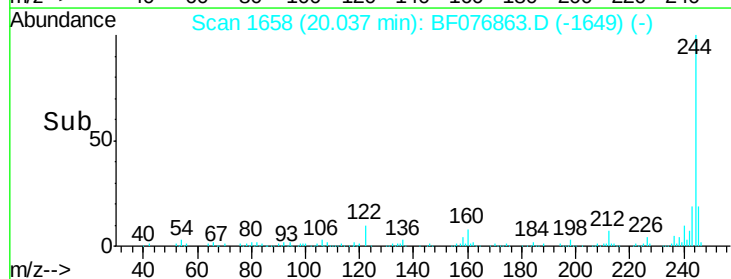
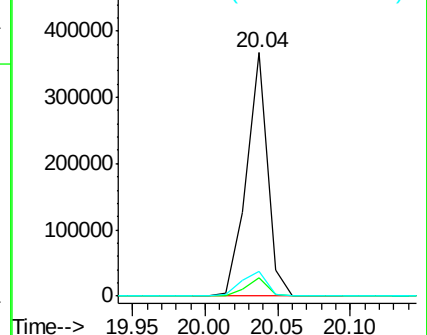
122 10.2 10.1 15.1

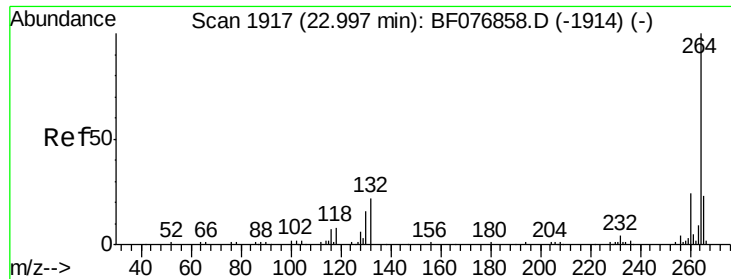


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



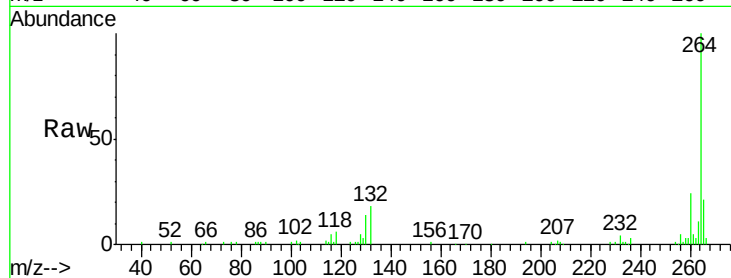


#86
Pervlene-d12
Concen: 20.00 ng
RT: 22.94 min Scan# 1912
Delta R.T. -0.06 min
Lab File: BF076863.D
Acq: 14 Jan 2015 17:09

Instrument :
BNA_F
ClientSampleId :
PB81310BL

Tot Ion: 264 Resp: 94920

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.4
265	21.2	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

