

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011415\
 Data File : BF076868.D
 Acq On : 14 Jan 2015 20:01
 Operator : IZ / TP
 Sample : PB81326BL
 Misc : W
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81326BL

Quant Time: Jan 15 00:17:51 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

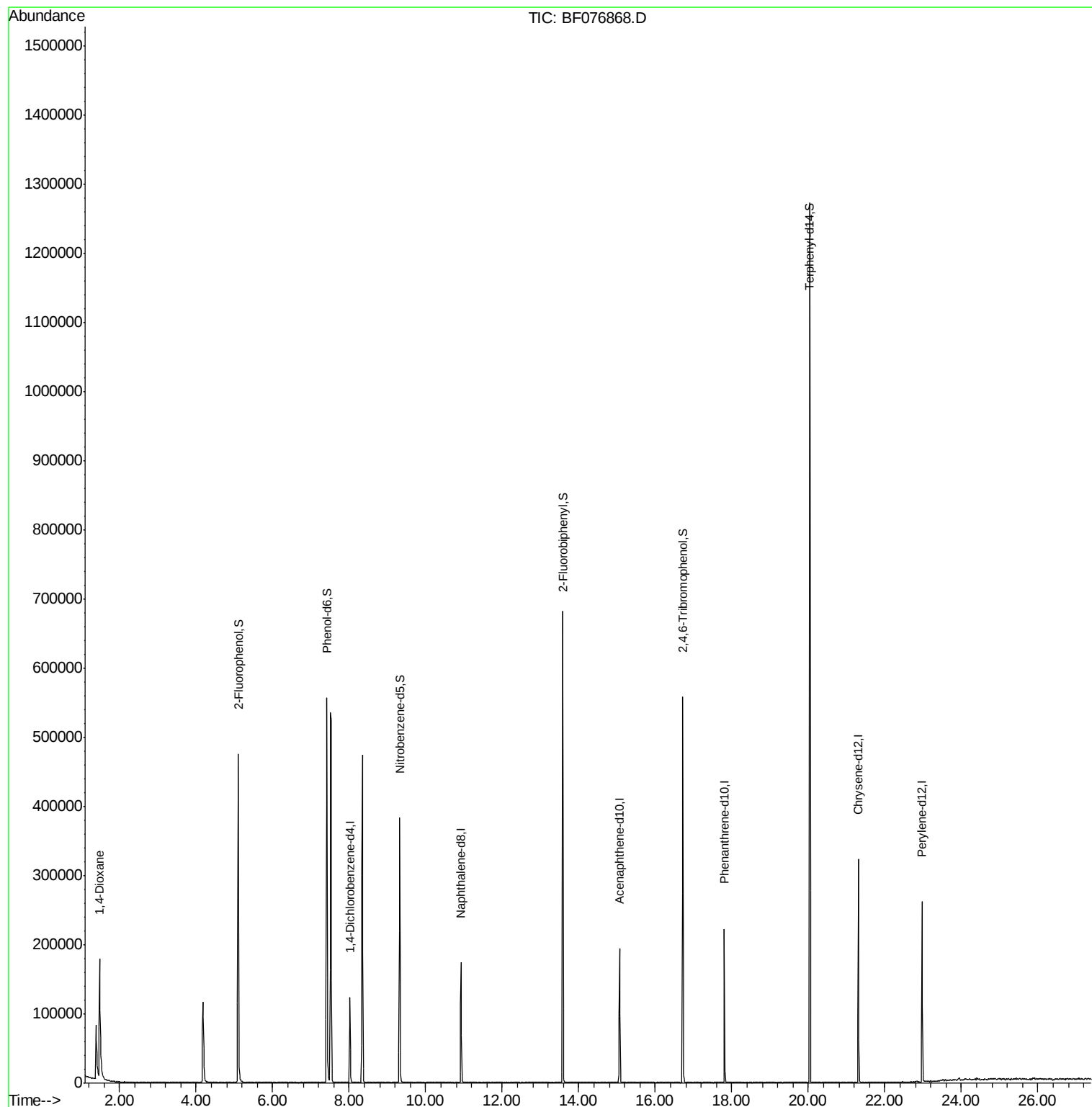
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	32177	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	133542	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	70623	20.00	ng	-0.01
63) Phenanthrene-d10	17.81	188	128979	20.00	ng	-0.01
75) Chrysene-d12	21.31	240	128879	20.00	ng	0.00
86) Perylene-d12	22.97	264	117854	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	252707	129.13	ng	0.01
7) Phenol-d6	7.42	99	308969	125.15	ng	0.00
23) Nitrobenzene-d5	9.32	82	186587	77.41	ng	0.00
41) 2,4,6-Tribromophenol	16.72	330	75360	131.46	ng	0.00
44) 2-Fluorobiphenyl	13.59	172	393922	84.88	ng	0.00
78) Terphenyl-d14	20.04	244	439859	78.57	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.48	88	7851	9.37	ng	Qvalue # 12

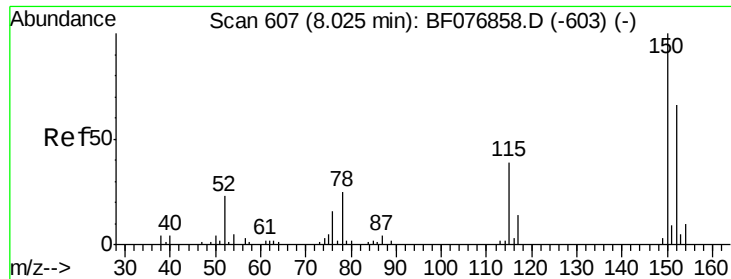
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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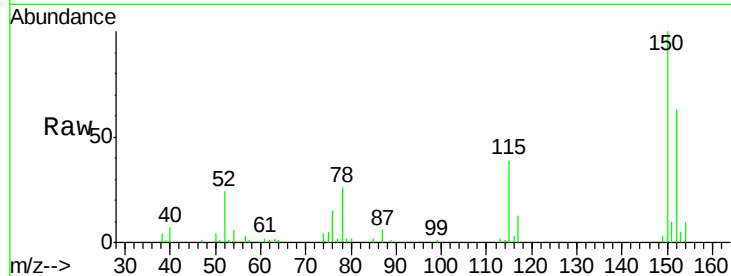


#1

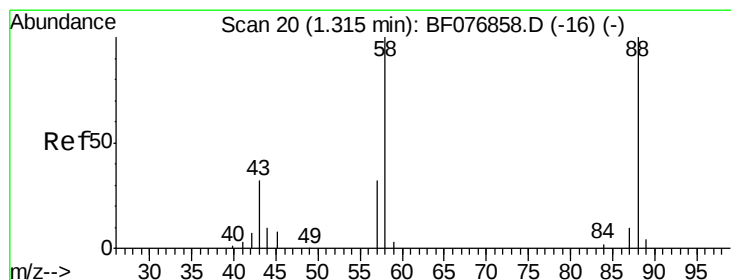
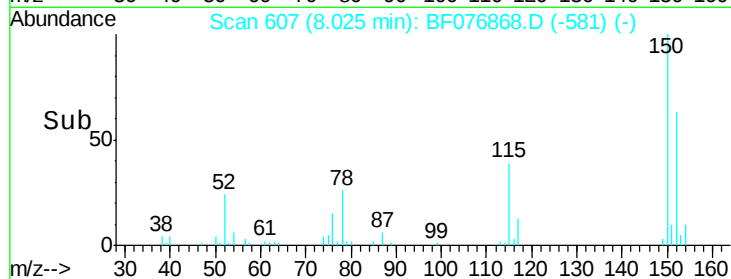
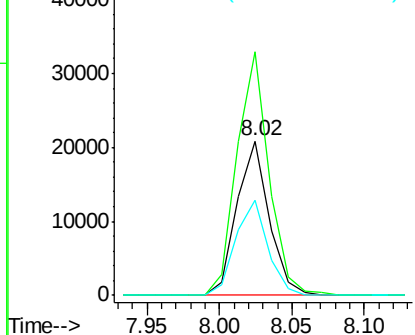
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.02 min Scan# 607
Delta R.T. 0.00 min
Lab File: BF076868.D
Acq: 14 Jan 2015 20:01

Instrument :
BNA_F
ClientSampleId :
PB81326BL

Tot Ion:152 Resp: 32177
Ion Ratio Lower Upper
152 100
150 158.0 121.7 182.5
115 61.4 47.0 70.6



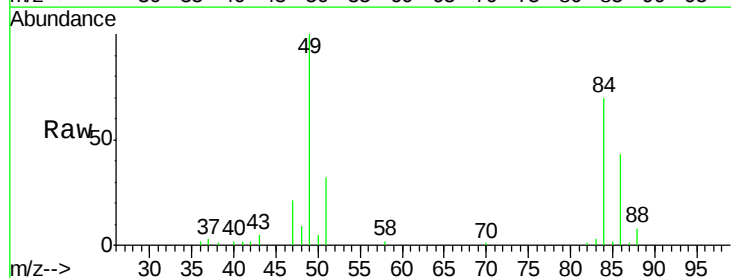
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



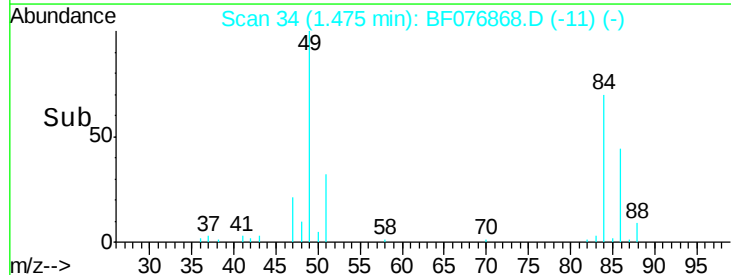
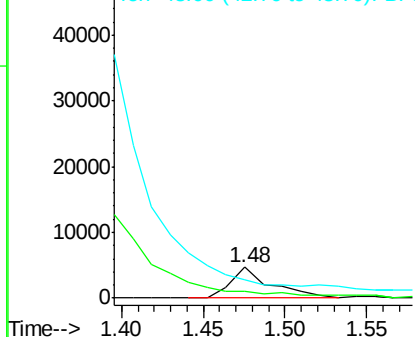
#2

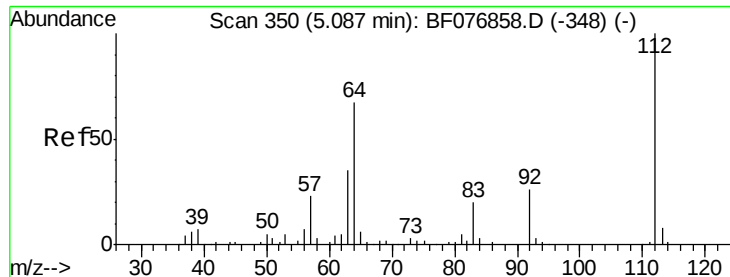
1,4-Dioxane
Concen: 9.37 ng
RT: 1.48 min Scan# 34
Delta R.T. 0.16 min
Lab File: BF076868.D
Acq: 14 Jan 2015 20:01

Tgt Ion: 88 Resp: 7851
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: 129.13 ng

RT: 5.10 min Scan# 351

Delta R.T. 0.01 min

Lab File: BF076868.D

Acq: 14 Jan 2015 20:01

Instrument :

BNA_F

ClientSampleId :

PB81326BL

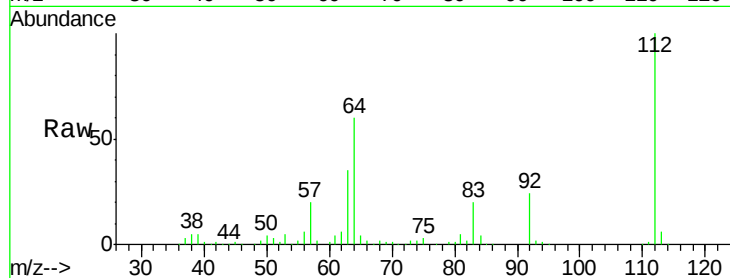
Tot Ion:112 Resp: 252707

Ion Ratio Lower Upper

112 100

64 59.9 54.2 81.4

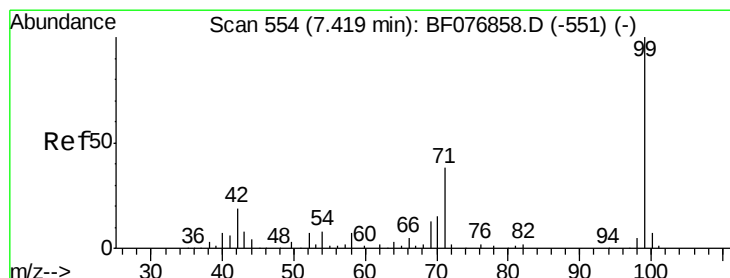
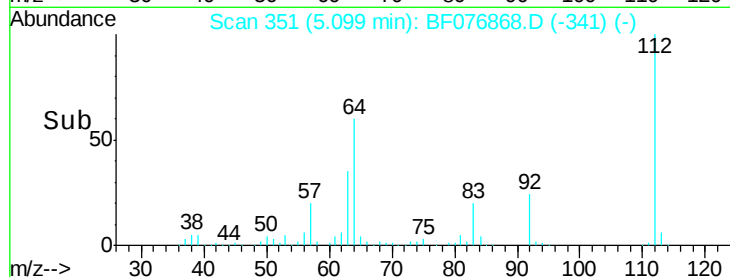
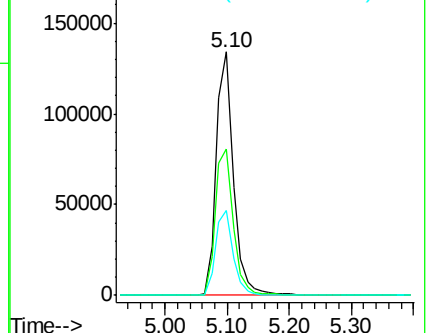
63 35.0 28.4 42.6



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: 125.15 ng

RT: 7.42 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF076868.D

Acq: 14 Jan 2015 20:01

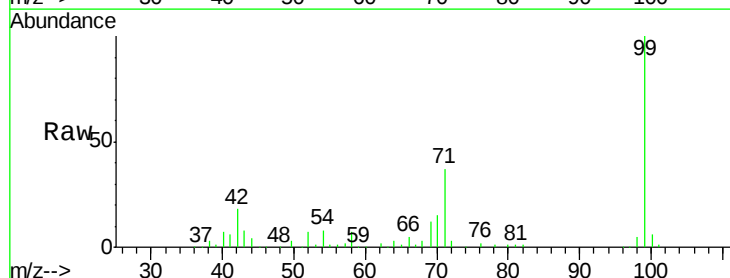
Tgt Ion: 99 Resp: 308969

Ion Ratio Lower Upper

99 100

42 17.7 15.0 22.4

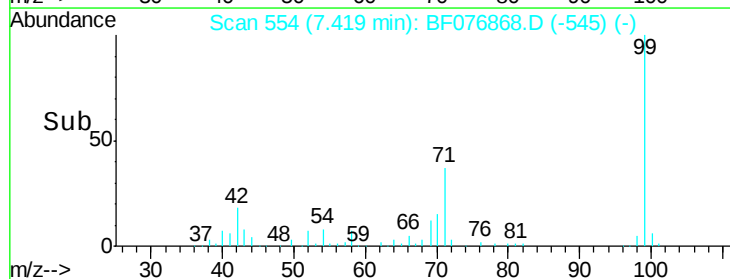
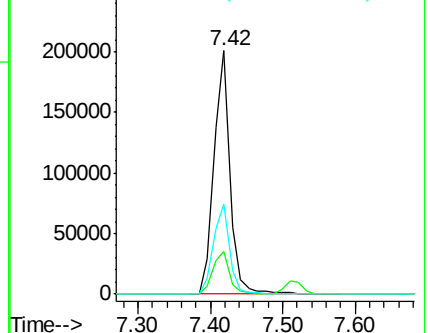
71 37.1 30.5 45.7



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

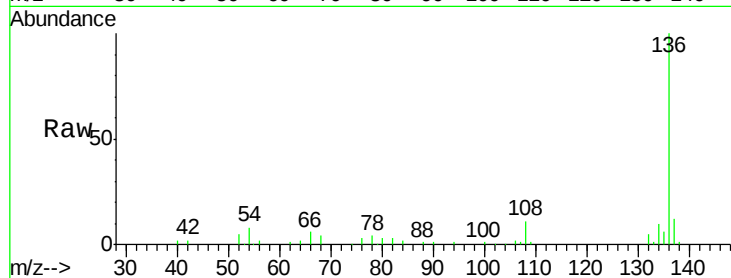




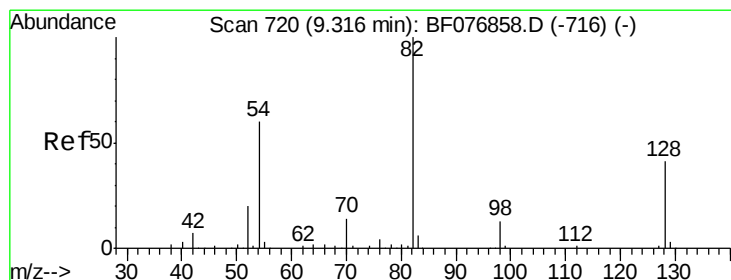
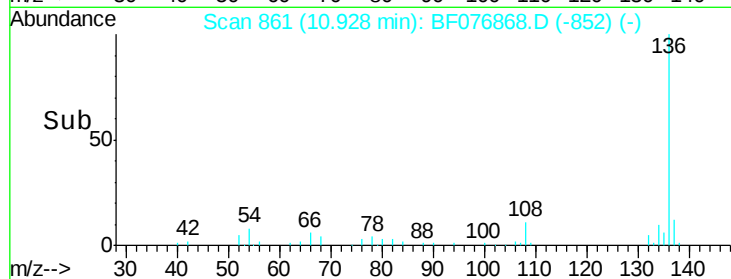
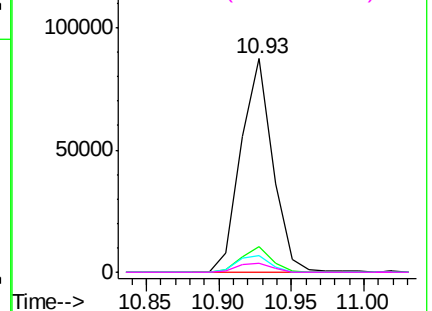
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF076868.D
Acq: 14 Jan 2015 20:01

Instrument :
BNA_F
ClientSampleId :
PB81326BL

Tot Ion:	136	Resp:	133542
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.1	12.1
54	7.9	7.0	10.4
68	4.2	3.7	5.5

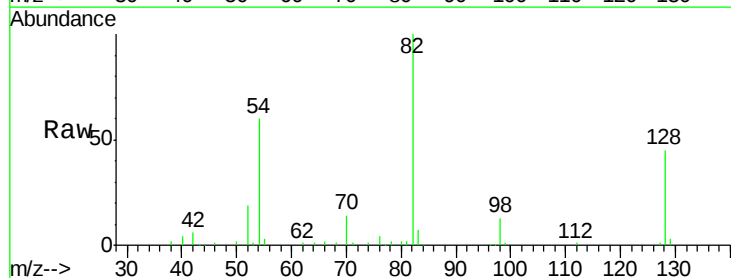


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

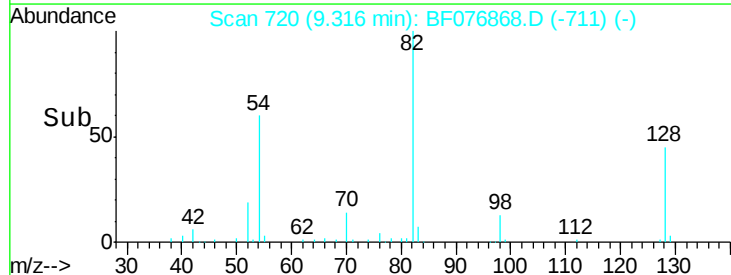
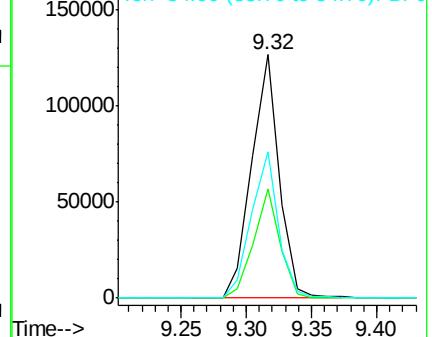


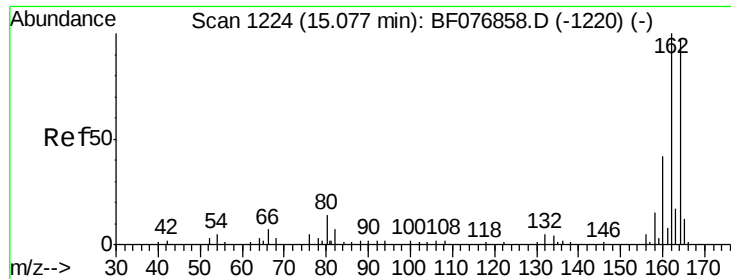
#23
Nitrobenzene-d5
Concen: 77.41 ng
RT: 9.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF076868.D
Acq: 14 Jan 2015 20:01

Tgt Ion:	82	Resp:	186587
Ion	Ratio	Lower	Upper
82	100		
128	45.0	33.1	49.7
54	60.0	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: BF076868.D

Acq: 14 Jan 2015 20:01

Instrument :

BNA_F

ClientSampleId :

PB81326BL

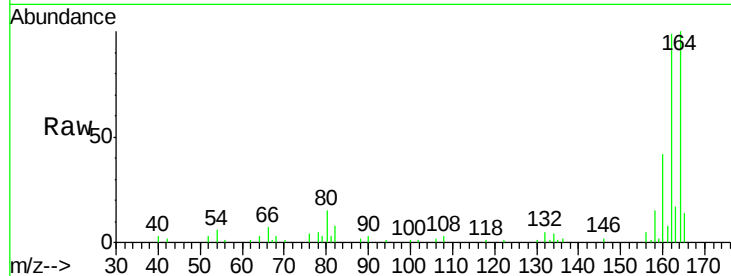
Tot Ion:164 Resp: 70623

Ion Ratio Lower Upper

164 100

162 99.4 82.4 123.6

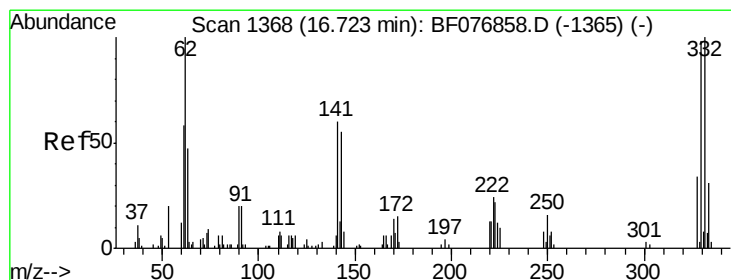
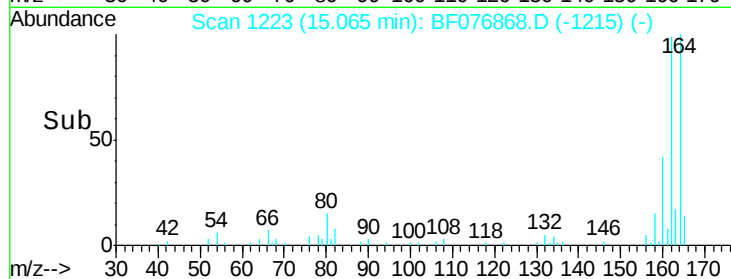
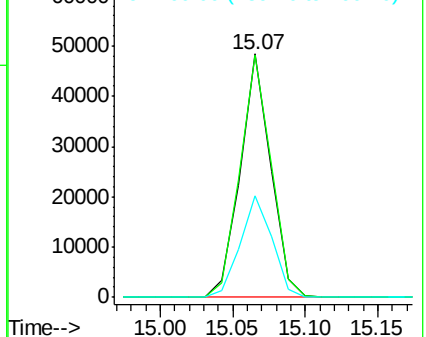
160 41.7 34.8 52.2



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: 131.46 ng

RT: 16.72 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BF076868.D

Acq: 14 Jan 2015 20:01

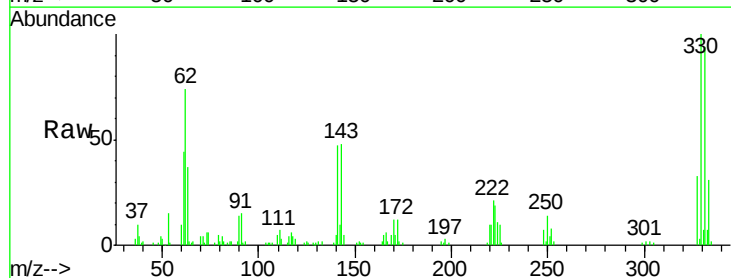
Tgt Ion:330 Resp: 75360

Ion Ratio Lower Upper

330 100

332 95.6 77.8 116.6

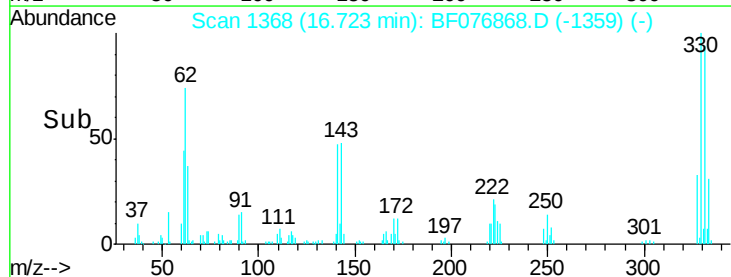
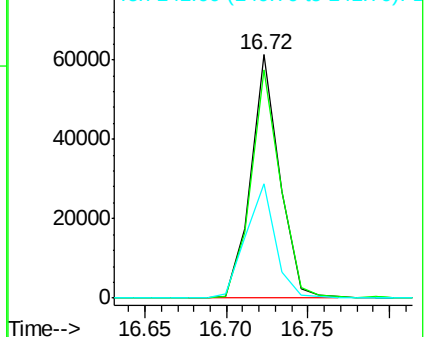
141 48.0 38.5 57.7

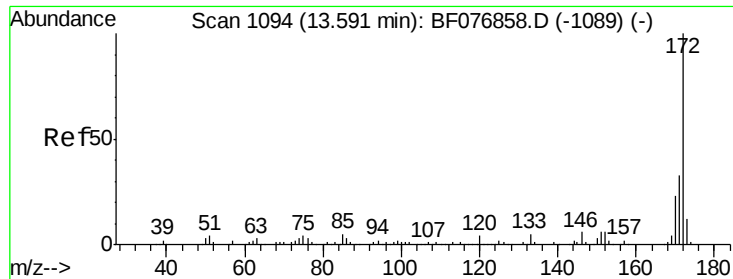


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

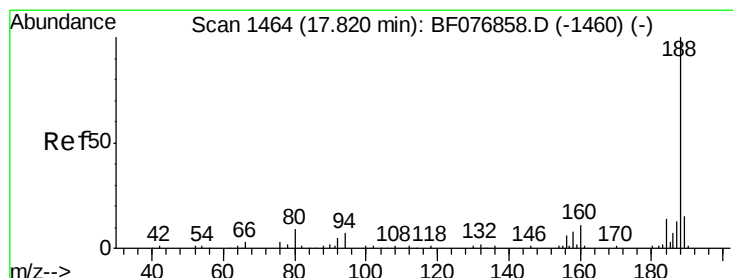
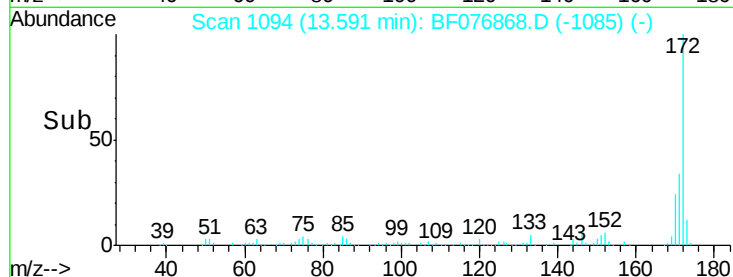
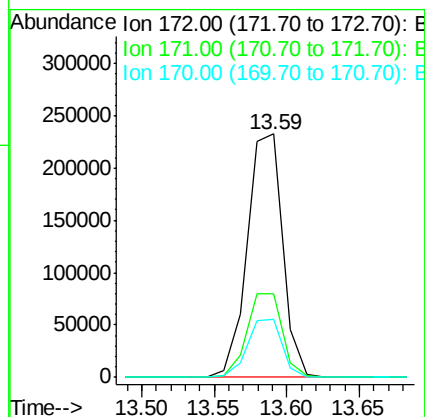
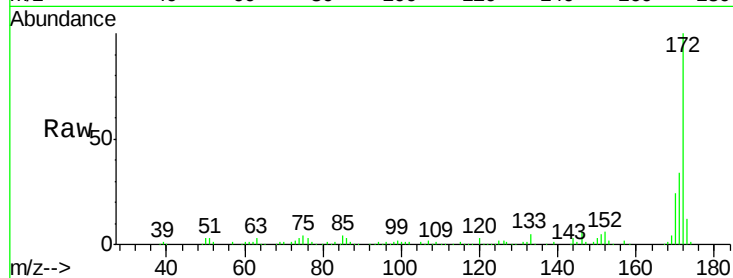




#44
 2-Fluorobiphenyl
 Concen: 84.88 ng
 RT: 13.59 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: BF076868.D
 Acq: 14 Jan 2015 20:01

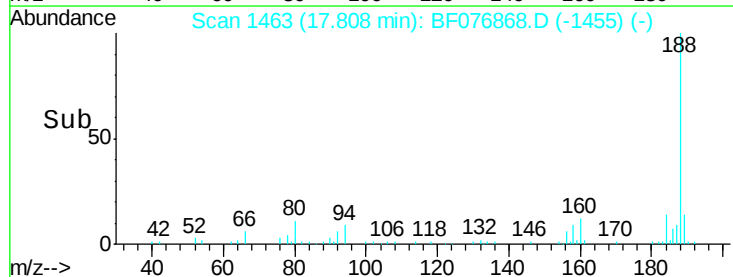
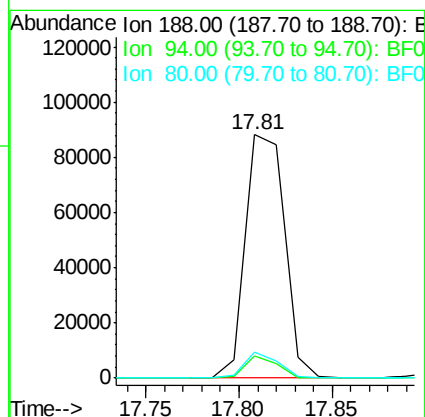
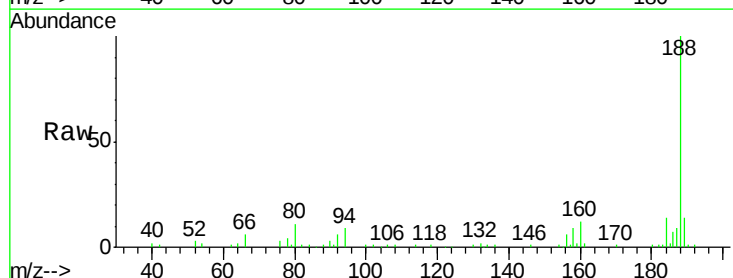
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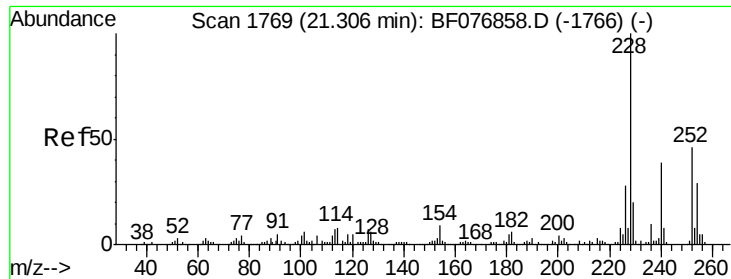
Tot Ion:172 Resp: 393922
 Ion Ratio Lower Upper
 172 100
 171 34.4 26.6 40.0
 170 23.6 18.0 27.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.81 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF076868.D
 Acq: 14 Jan 2015 20:01

Tgt Ion:188 Resp: 128979
 Ion Ratio Lower Upper
 188 100
 94 9.3 6.0 9.0#
 80 10.6 6.9 10.3#

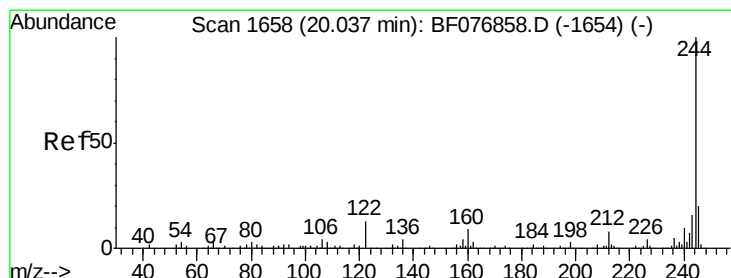
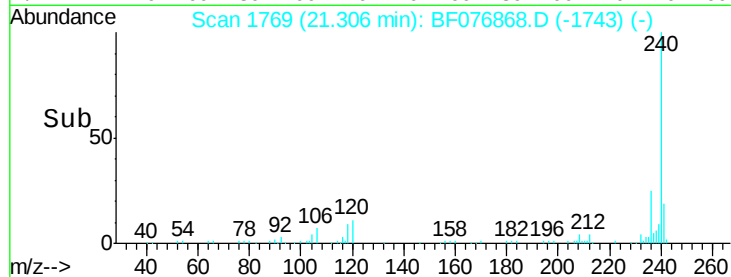
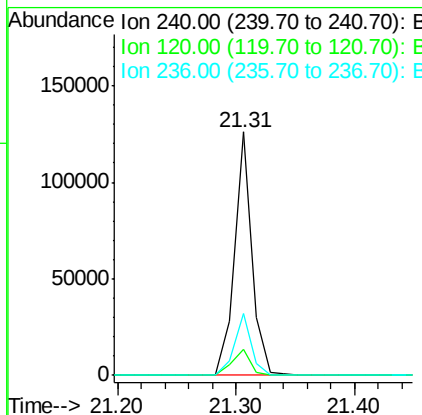
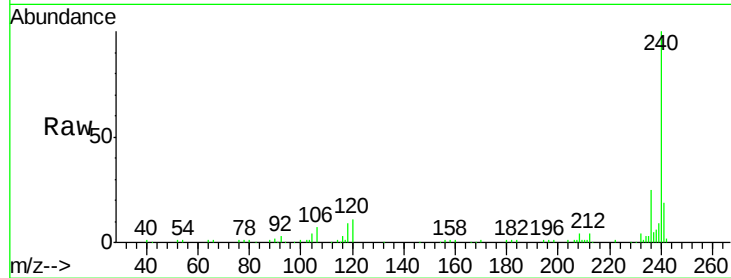




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.31 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BF076868.D
Acq: 14 Jan 2015 20:01

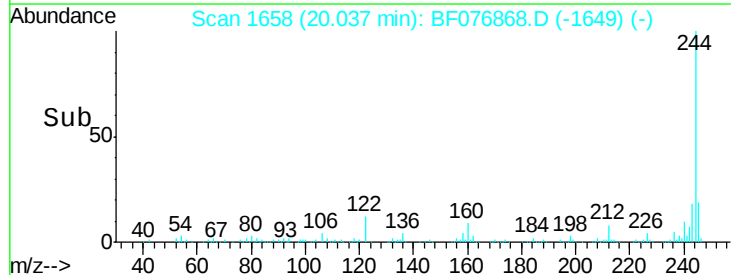
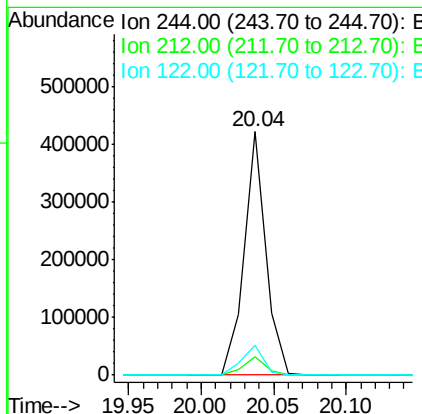
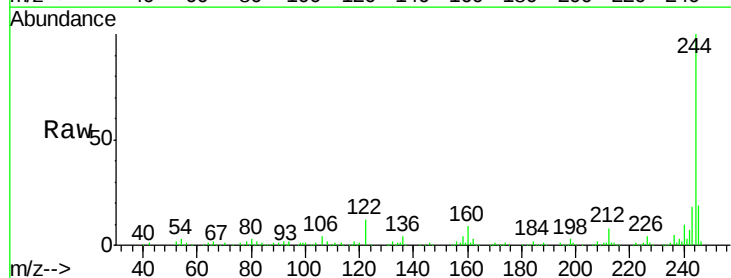
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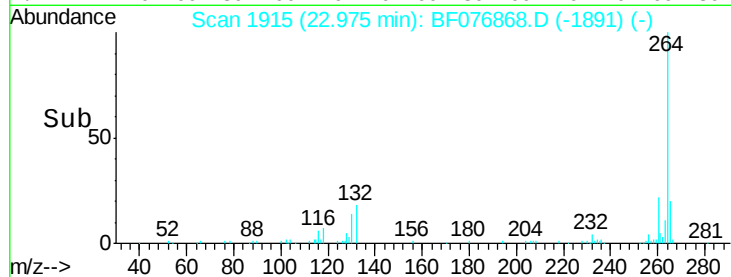
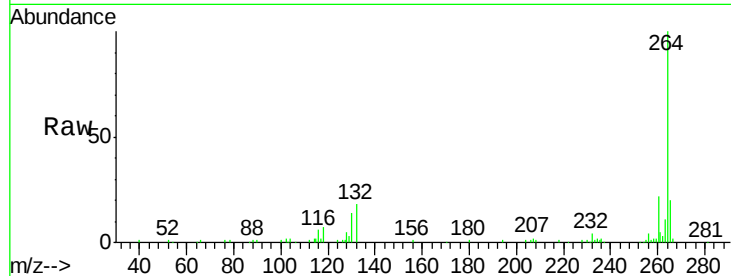
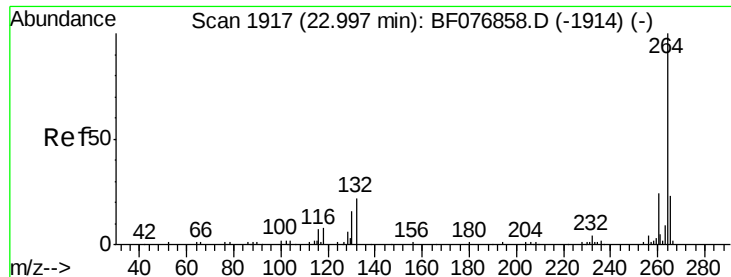
Tot Ion:240 Resp: 128879
Ion Ratio Lower Upper
240 100
120 10.9 10.4 15.6
236 25.4 20.2 30.2



#78
Terphenyl-d14
Concen: 78.57 ng
RT: 20.04 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BF076868.D
Acq: 14 Jan 2015 20:01

Tgt Ion:244 Resp: 439859
Ion Ratio Lower Upper
244 100
212 7.6 6.3 9.5
122 12.5 10.1 15.1





#86

Pervlene-d12

Concen: 20.00 ng

RT: 22.97 min Scan# 1915

Delta R.T. -0.02 min

Lab File: BF076868.D

Acq: 14 Jan 2015 20:01

Instrument :

BNA_F

ClientSampleId :

PB81326BL

Tot Ion:264 Resp: 117854

Ion Ratio Lower Upper

264 100

260 22.2 19.0 28.4

265 20.4 18.1 27.1

