

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011415\
 Data File : BF076871.D
 Acq On : 14 Jan 2015 21:45
 Operator : IZ / TP
 Sample : PB81324BL
 Misc : S
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 15 00:18:43 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 14 23:27:58 2015
 Response via : Initial Calibration

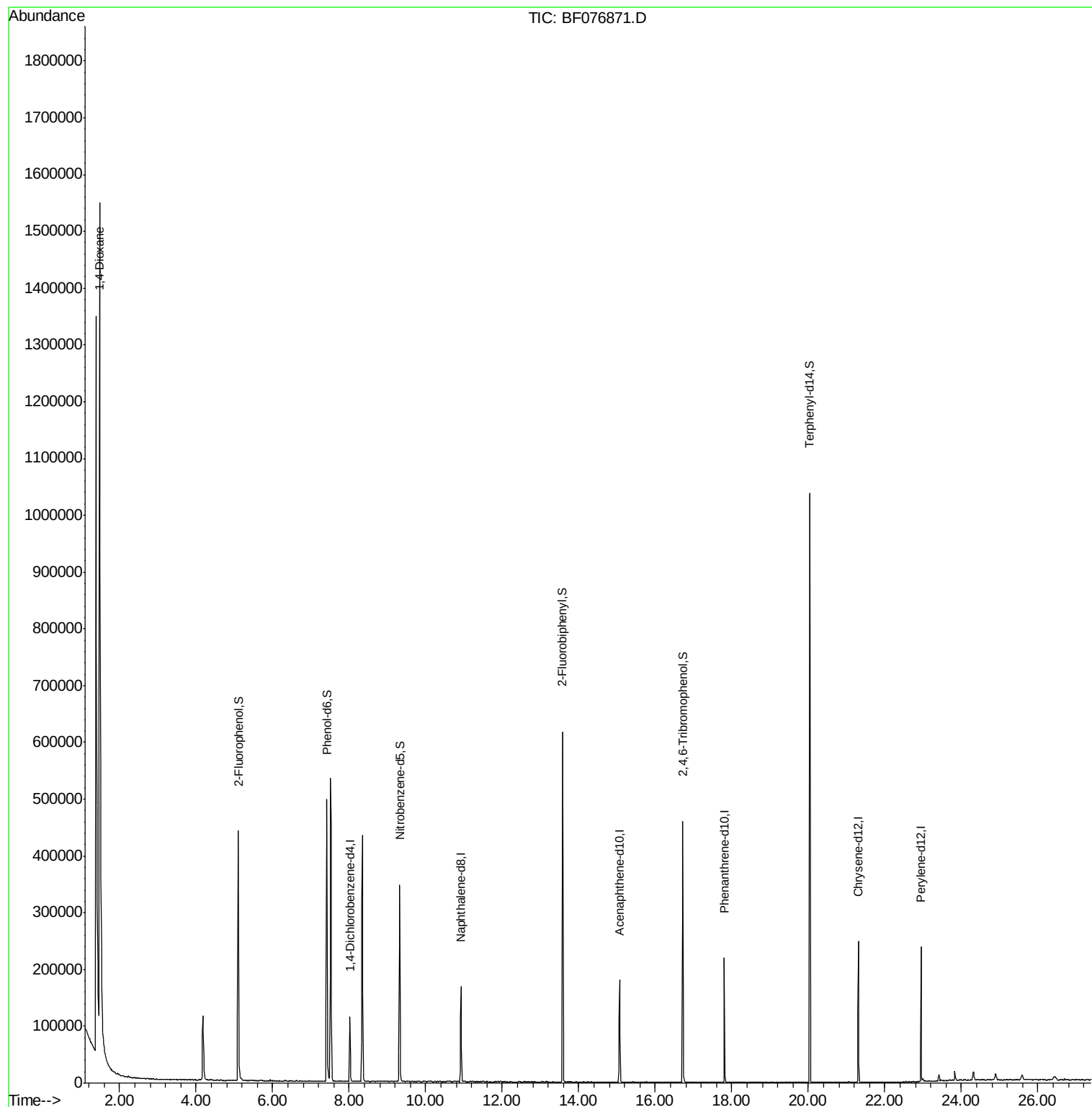
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	32156	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	129685	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	70794	20.00	ng	-0.01
63) Phenanthrene-d10	17.81	188	115844	20.00	ng	-0.01
75) Chrysene-d12	21.31	240	112249	20.00	ng	0.00
86) Perylene-d12	22.94	264	101506	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	239392	122.40	ng	0.01
7) Phenol-d6	7.42	99	296457	120.16	ng	0.00
23) Nitrobenzene-d5	9.32	82	178731	76.35	ng	0.00
41) 2,4,6-Tribromophenol	16.72	330	66200	115.20	ng	0.00
44) 2-Fluorobiphenyl	13.58	172	363526	78.14	ng	-0.01
78) Terphenyl-d14	20.04	244	375139	76.94	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.48	88	69386	82.86	ng	Qvalue # 12

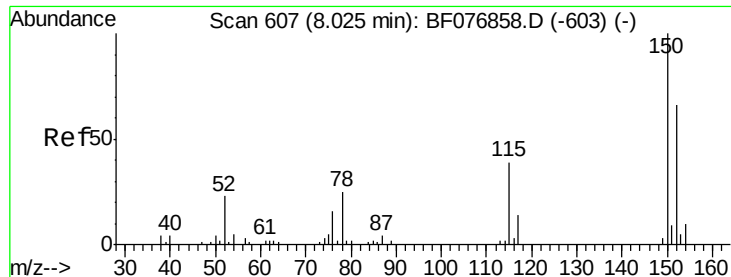
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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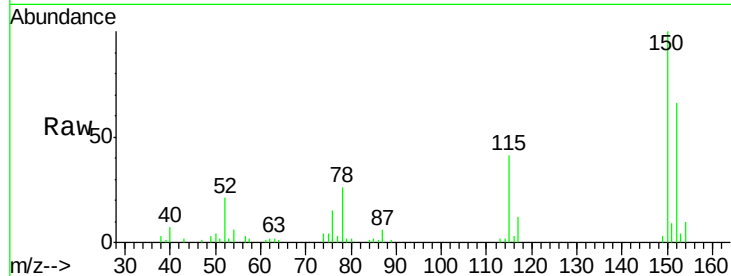


#1

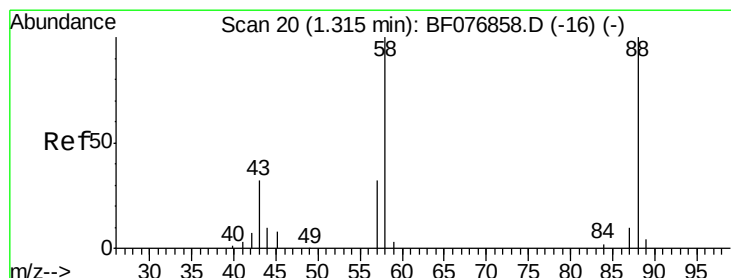
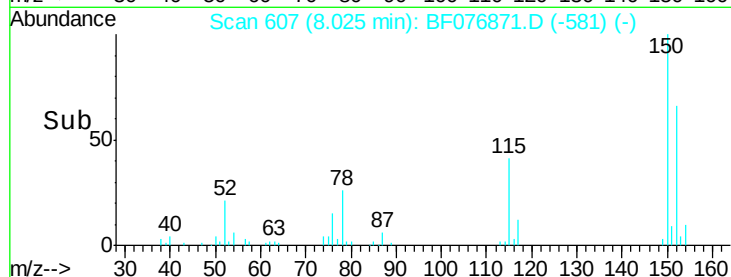
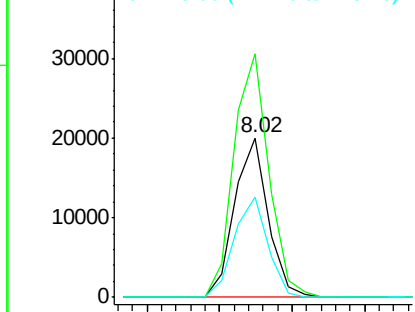
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.02 min Scan# 607
Delta R.T. -0.00 min
Lab File: BF076871.D
Acq: 14 Jan 2015 21:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 32156
Ion Ratio Lower Upper
152 100
150 152.4 121.7 182.5
115 62.5 47.0 70.6



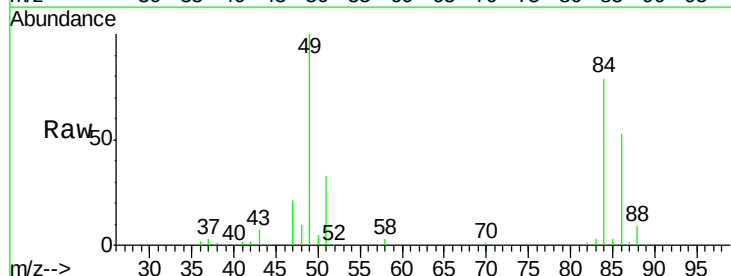
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



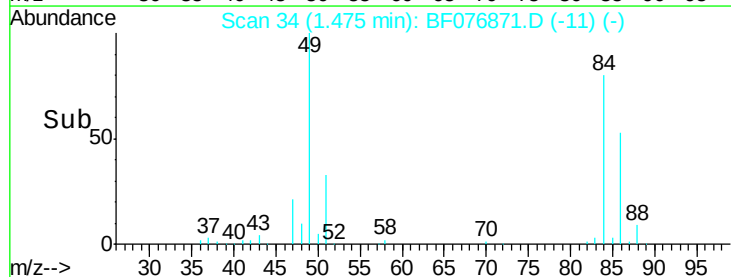
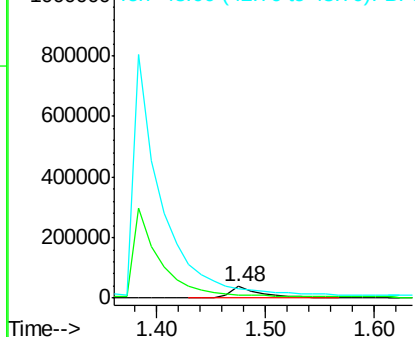
#2

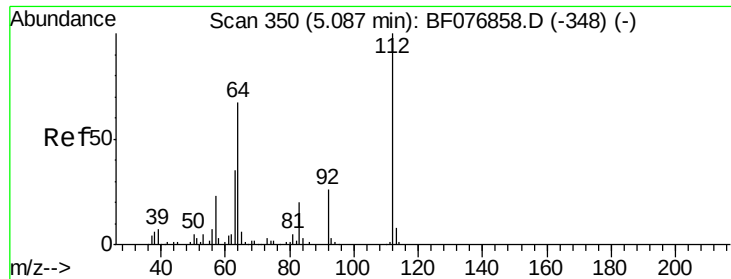
1,4-Dioxane
Concen: 82.86 ng
RT: 1.48 min Scan# 34
Delta R.T. 0.16 min
Lab File: BF076871.D
Acq: 14 Jan 2015 21:45

Tgt Ion: 88 Resp: 69386
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: 122.40 ng

RT: 5.10 min Scan# 351

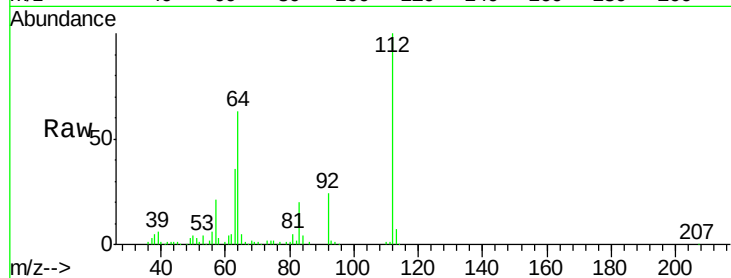
Delta R.T. 0.01 min

Lab File: BF076871.D

Acq: 14 Jan 2015 21:45

Instrument :
BNA_F
ClientSampleId :

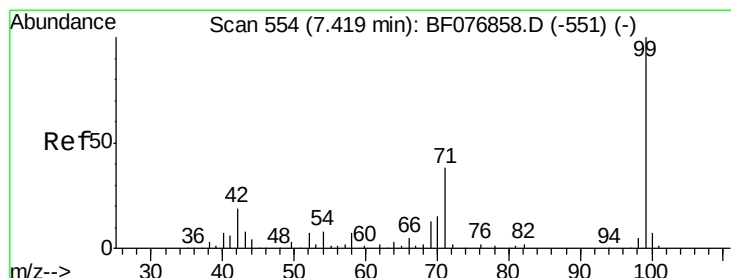
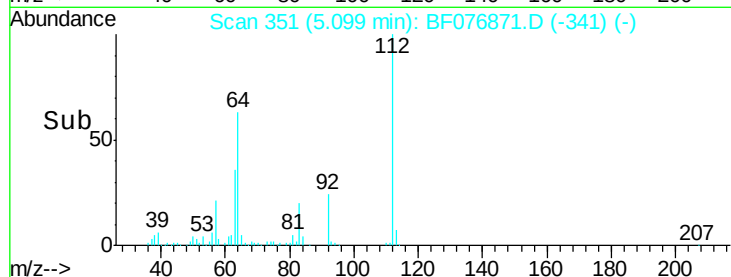
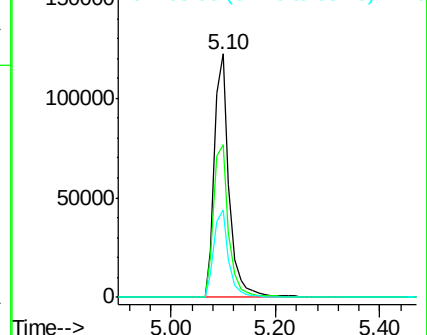
Tot Ion:	112	Resp:	239392
Ion	Ratio	Lower	Upper
112	100		
64	62.8	54.2	81.4
63	36.0	28.4	42.6



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: 120.16 ng

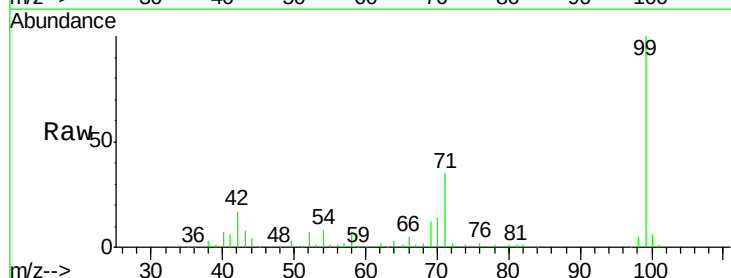
RT: 7.42 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF076871.D

Acq: 14 Jan 2015 21:45

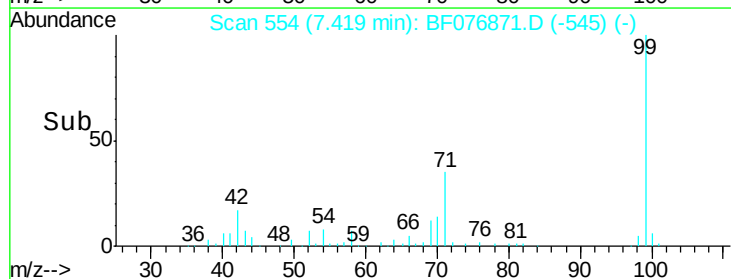
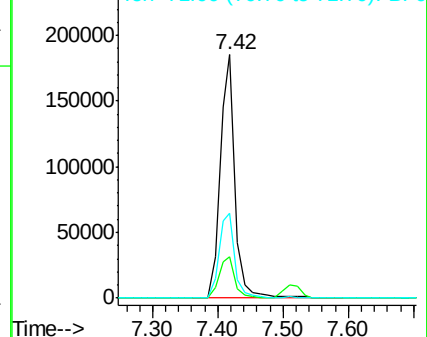
Tgt Ion:	99	Resp:	296457
Ion	Ratio	Lower	Upper
99	100		
42	16.7	15.0	22.4
71	34.7	30.5	45.7

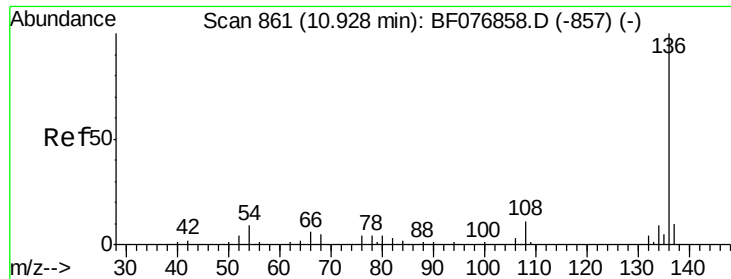


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

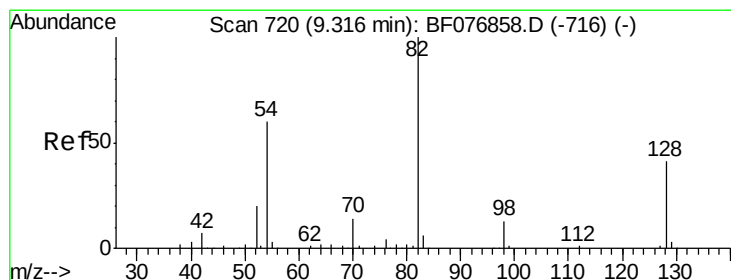
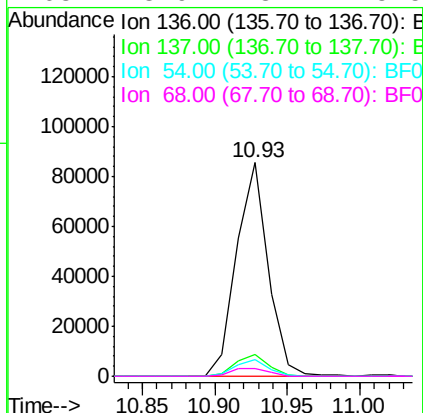
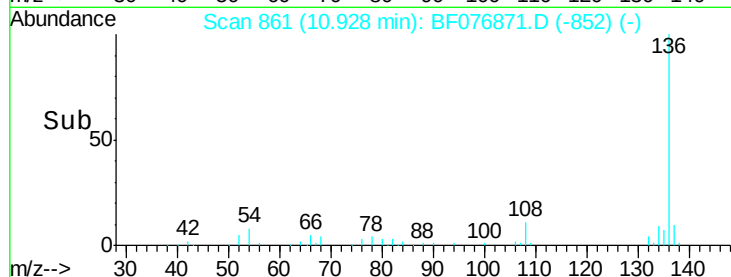
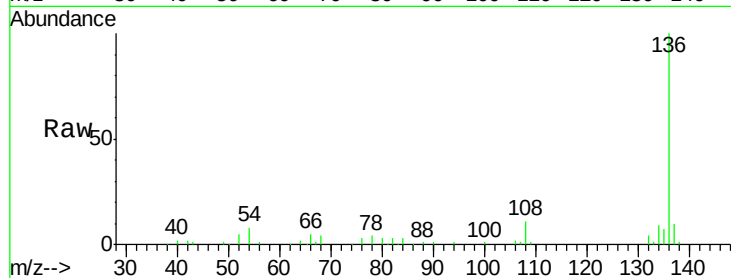




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF076871.D
Acq: 14 Jan 2015 21:45

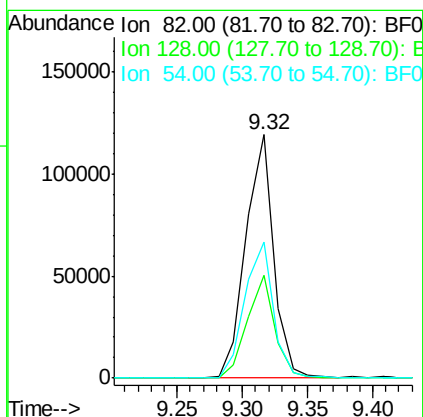
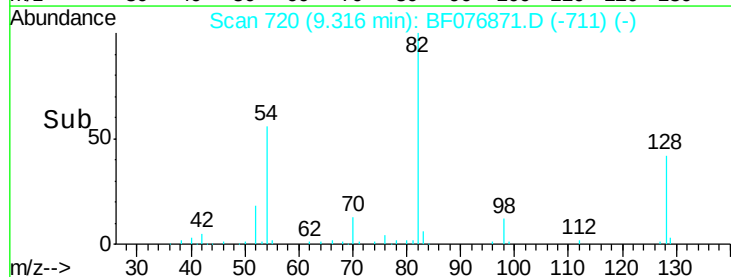
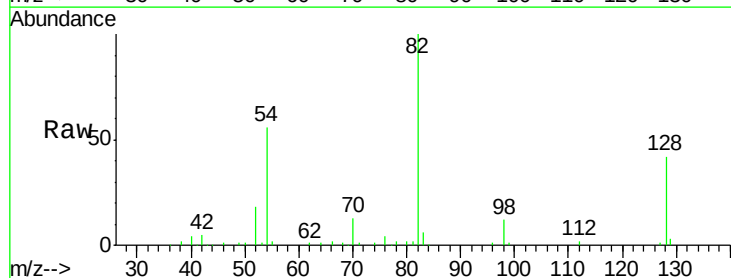
Instrument :
BNA_F
ClientSampleId :

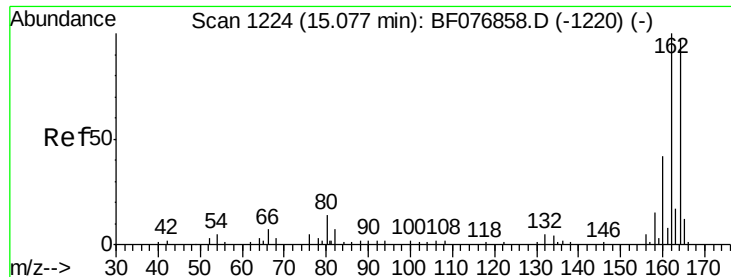
Tot Ion:136	Resp:	129685
Ion Ratio	Lower	Upper
136 100		
137 10.0	8.1	12.1
54 8.0	7.0	10.4
68 3.9	3.7	5.5



#23
Nitrobenzene-d5
Concen: 76.35 ng
RT: 9.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF076871.D
Acq: 14 Jan 2015 21:45

Tgt Ion: 82	Resp:	178731
Ion Ratio	Lower	Upper
82 100		
128 42.4	33.1	49.7
54 56.0	48.3	72.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.07 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF076871.D

Acq: 14 Jan 2015 21:45

Instrument :

BNA_F

ClientSampleId :

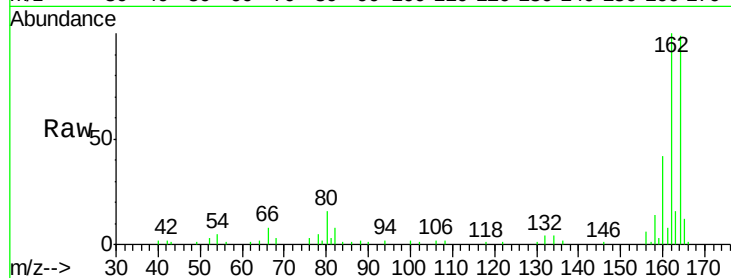
Tot Ion:164 Resp: 70794

Ion Ratio Lower Upper

164 100

162 101.3 82.4 123.6

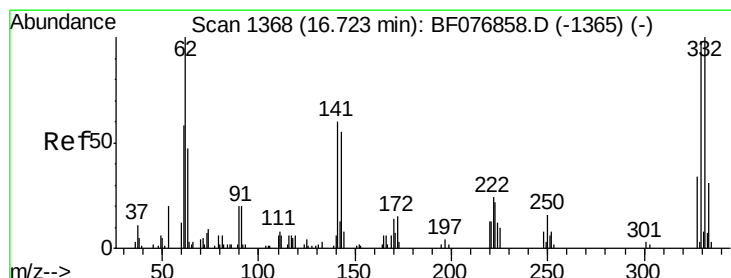
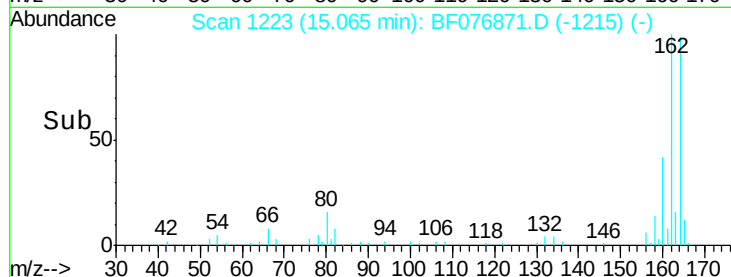
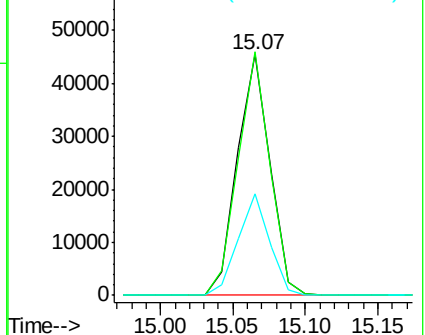
160 42.2 34.8 52.2



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: 115.20 ng

RT: 16.72 min Scan# 1368

Delta R.T. -0.00 min

Lab File: BF076871.D

Acq: 14 Jan 2015 21:45

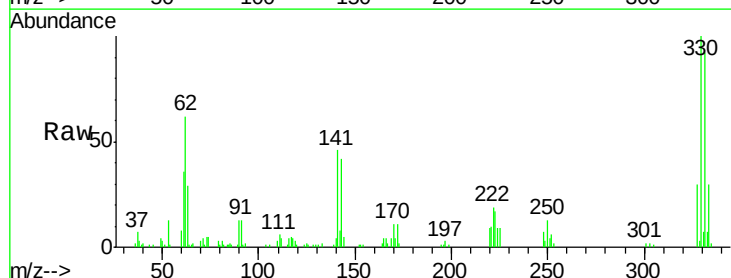
Tgt Ion:330 Resp: 66200

Ion Ratio Lower Upper

330 100

332 94.6 77.8 116.6

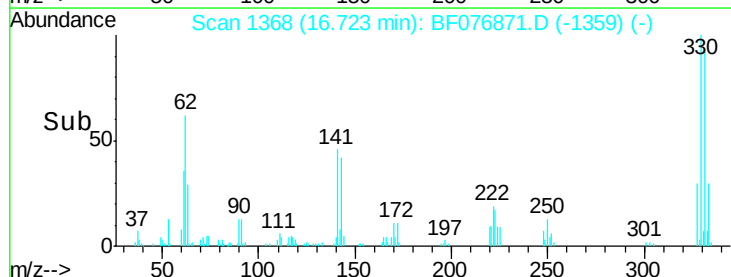
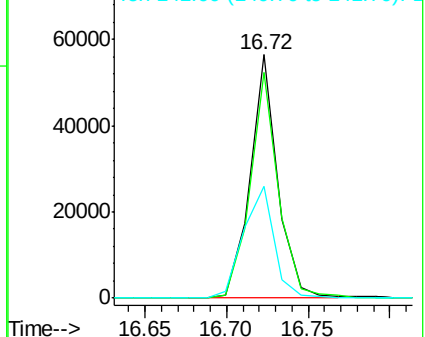
141 50.8 38.5 57.7

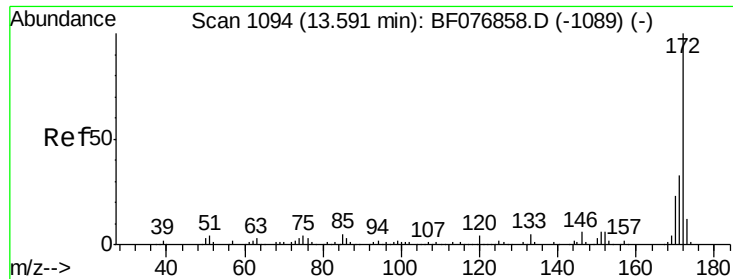


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

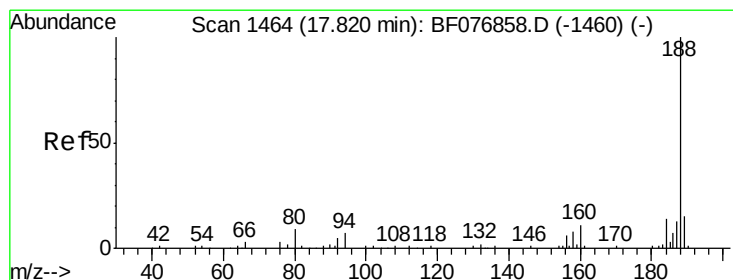
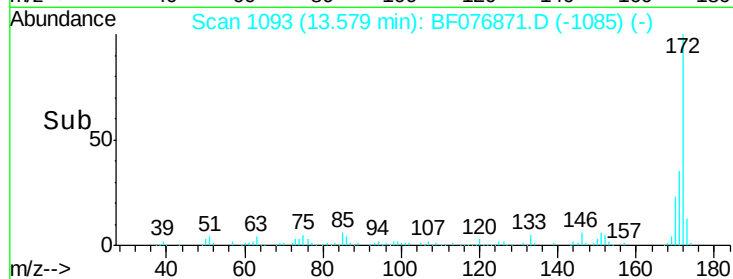
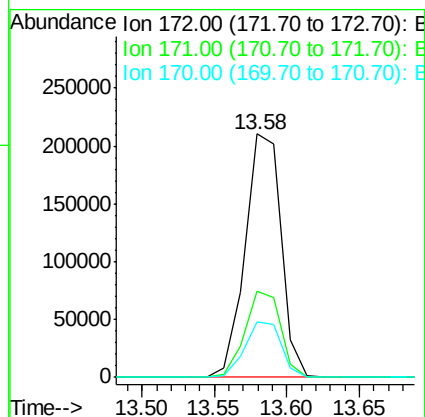
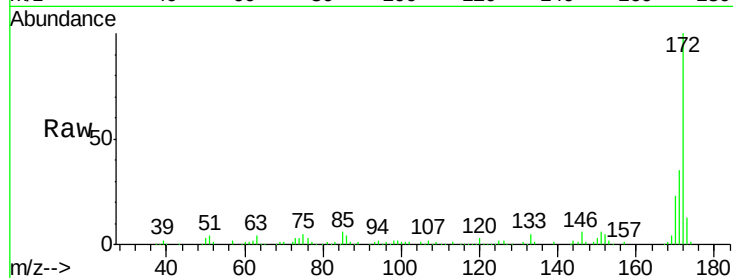




#44
 2-Fluorobiphenyl
 Concen: 78.14 ng
 RT: 13.58 min Scan# 1093
 Delta R.T. -0.01 min
 Lab File: BF076871.D
 Acq: 14 Jan 2015 21:45

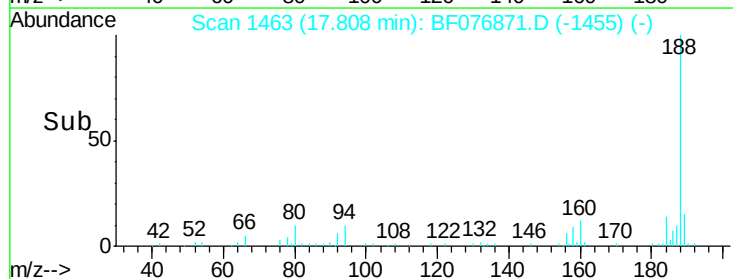
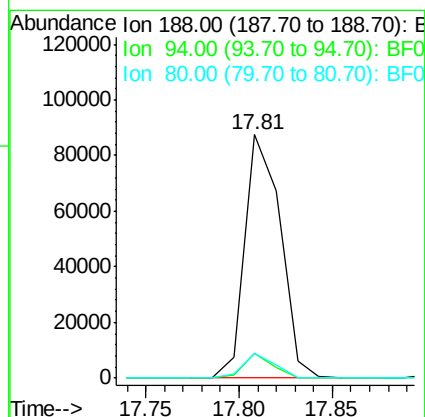
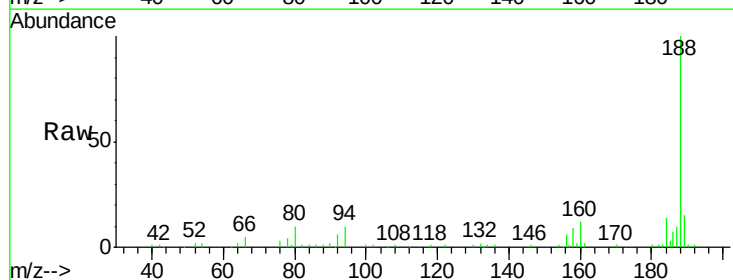
Instrument :
 BNA_F
 ClientSampleId :

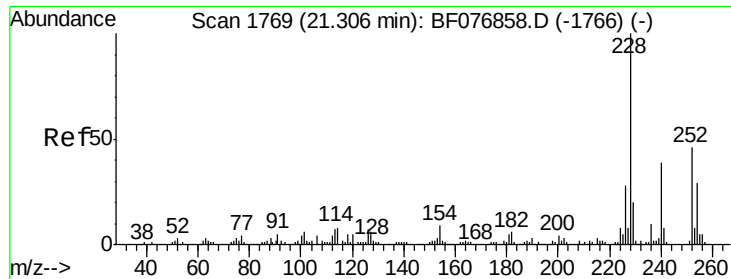
Tot Ion:172 Resp: 363526
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.6 40.0
 170 22.6 18.0 27.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.81 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF076871.D
 Acq: 14 Jan 2015 21:45

Tgt Ion:188 Resp: 115844
 Ion Ratio Lower Upper
 188 100
 94 10.0 6.0 9.0#
 80 10.1 6.9 10.3

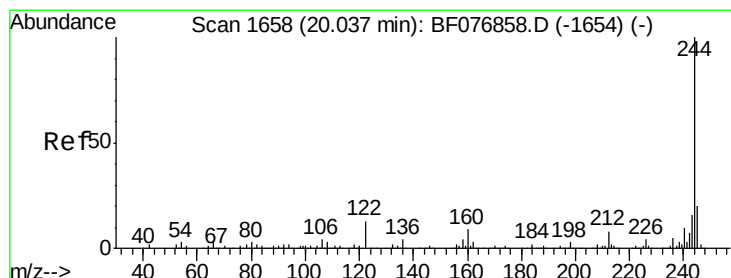
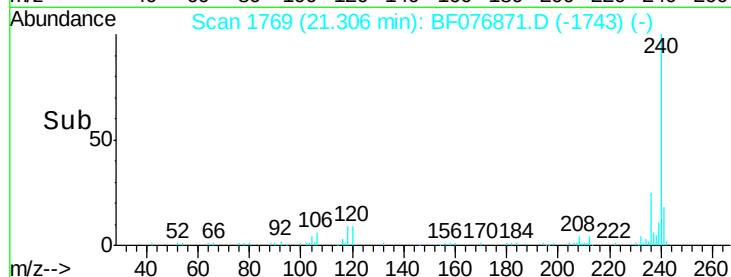
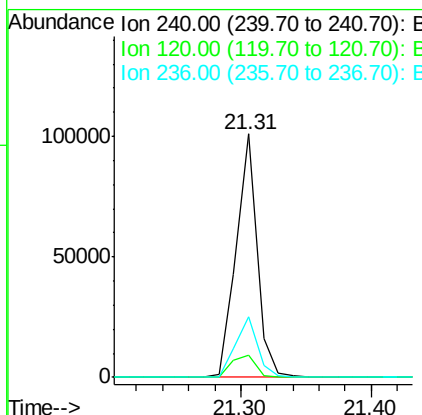
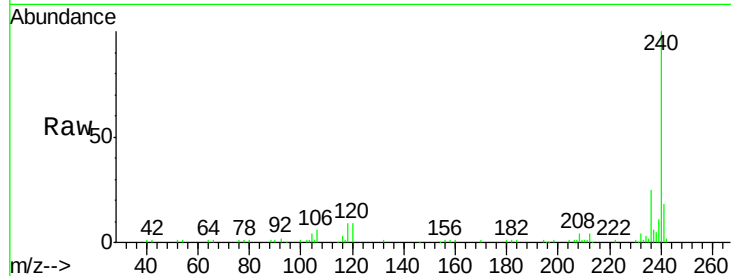




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.31 min Scan# 1769
 Delta R.T. -0.00 min
 Lab File: BF076871.D
 Acq: 14 Jan 2015 21:45

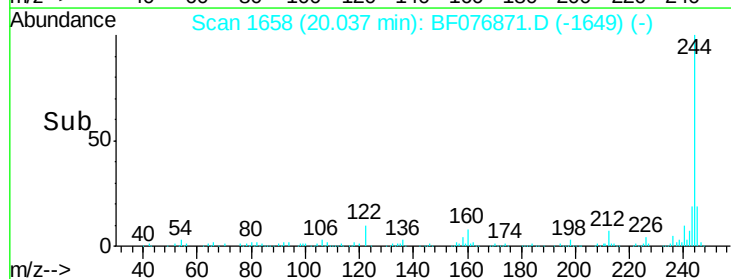
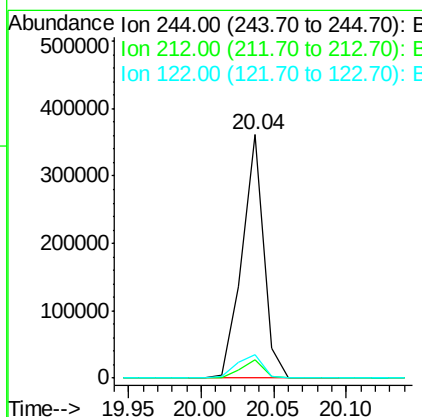
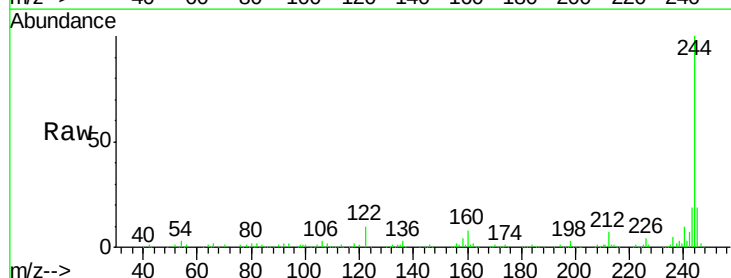
Instrument :
 BNA_F
 ClientSampled :

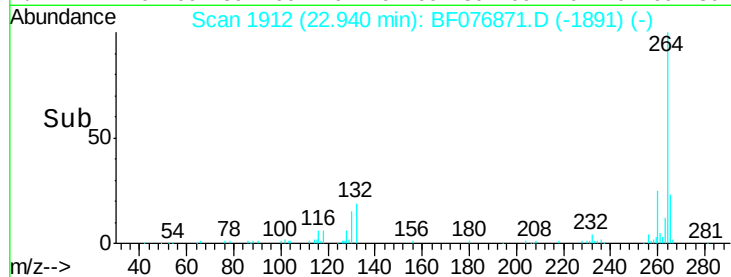
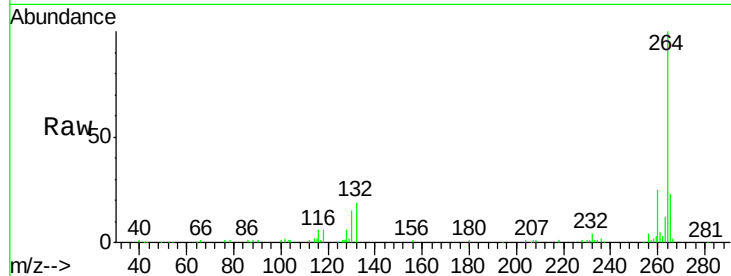
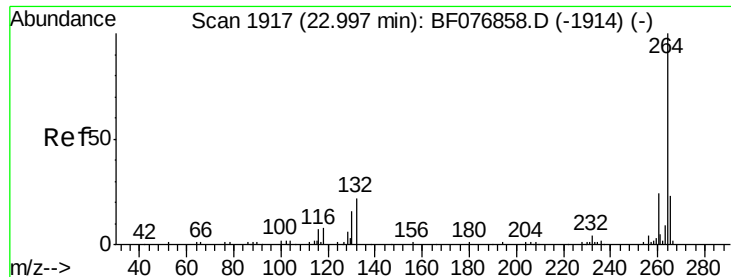
Tot Ion:240 Resp: 112249
 Ion Ratio Lower Upper
 240 100
 120 9.1 10.4 15.6#
 236 24.9 20.2 30.2



#78
 Terphenyl-d14
 Concen: 76.94 ng
 RT: 20.04 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: BF076871.D
 Acq: 14 Jan 2015 21:45

Tgt Ion:244 Resp: 375139
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.3 9.5
 122 9.8 10.1 15.1#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 22.94 min Scan# 1912
Delta R.T. -0.06 min
Lab File: BF076871.D
Acq: 14 Jan 2015 21:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.4
265	22.5	18.1	27.1

