

Data Path : Z:\HPCHEM1\BNA F\Data\BF012015\
 Data File : BF076966.D
 Acq On : 20 Jan 2015 17:20
 Operator : IZ / TP
 Sample : G1076-11
 Misc : W
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 21 00:47:30 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 00:34:31 2015
 Response via : Initial Calibration

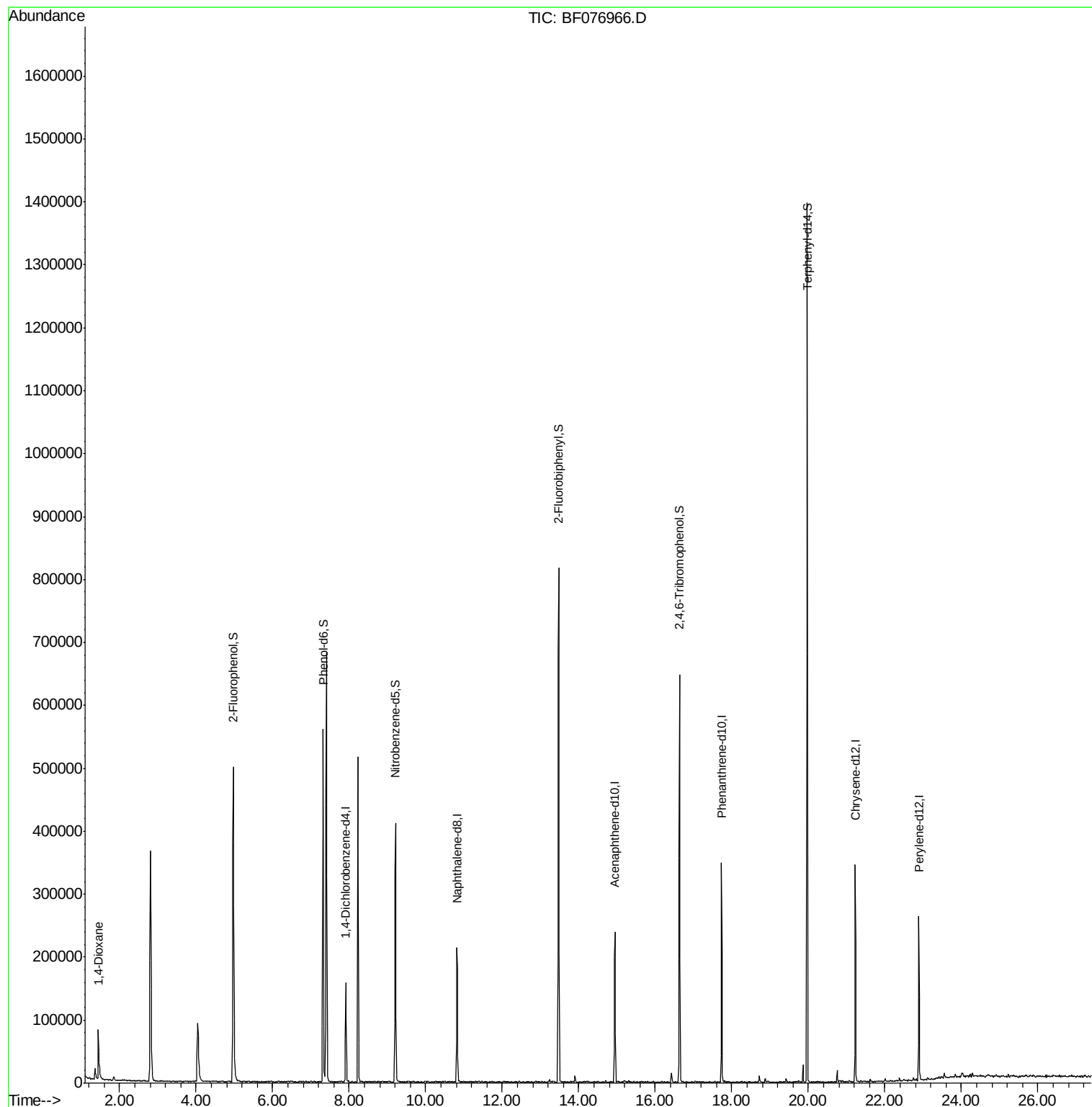
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	40034	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	175207	20.00	ng	-0.01
38) Acenaphthene-d10	14.95	164	97578	20.00	ng	0.00
63) Phenanthrene-d10	17.73	188	170324	20.00	ng	-0.01
75) Chrysene-d12	21.23	240	163793	20.00	ng	-0.01
86) Perylene-d12	22.88	264	118728	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.97	112	270092	110.92	ng	0.01
7) Phenol-d6	7.32	99	326913	106.43	ng	0.00
23) Nitrobenzene-d5	9.21	82	221378	70.00	ng	0.00
41) 2,4,6-Tribromophenol	16.63	330	91065	114.97	ng	0.00
44) 2-Fluorobiphenyl	13.48	172	458821	71.56	ng	0.00
78) Terphenyl-d14	19.97	244	509513	71.61	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.44	88	3183	3.05	ng	Qvalue # 12

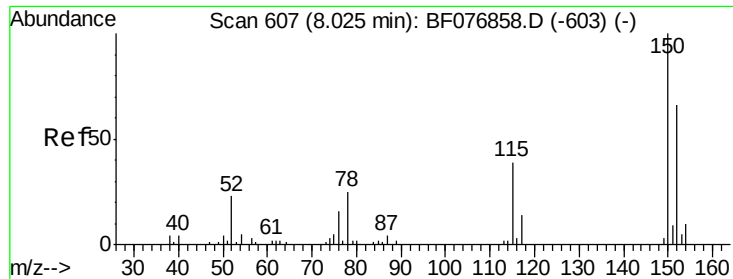
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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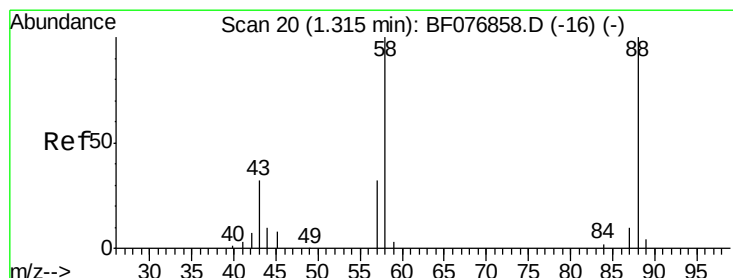
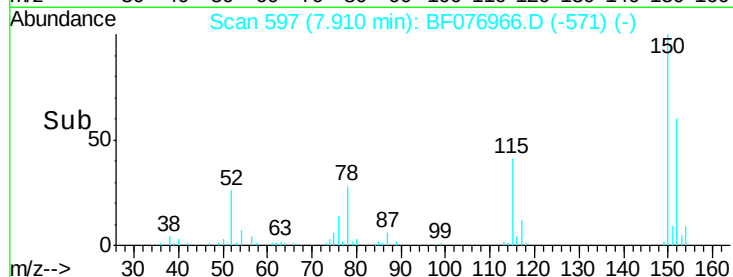
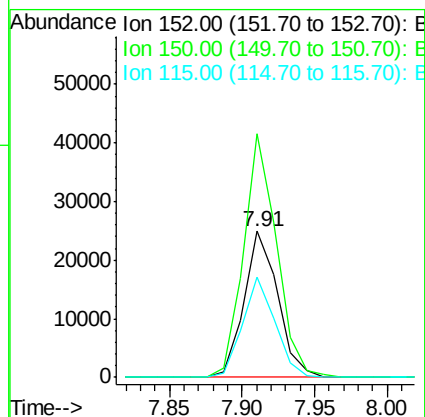
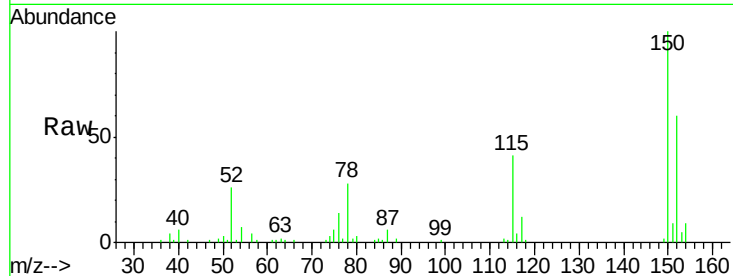


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.91 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF076966.D
Acq: 20 Jan 2015 17:20

Instrument :
BNA_F
ClientSampleId :

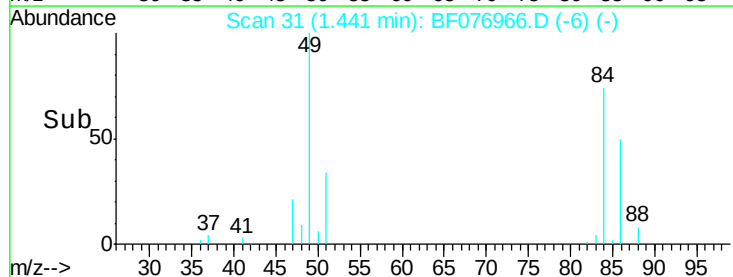
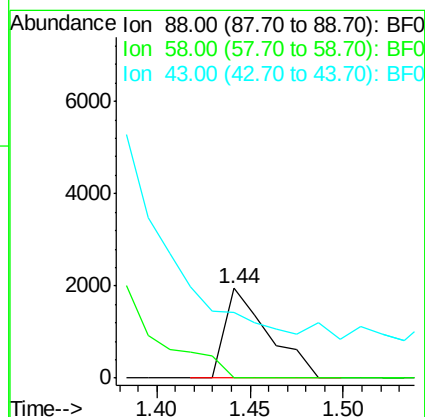
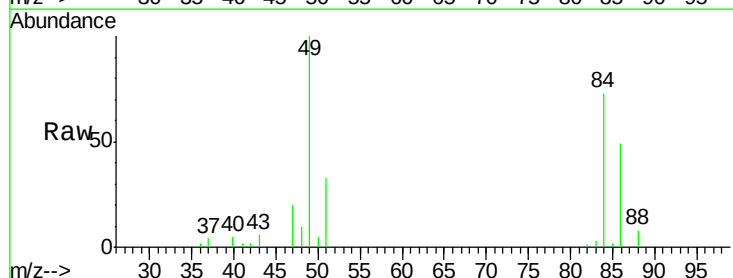
Tot Ion:152 Resp: 40034
Ion Ratio Lower Upper
152 100
150 167.0 121.7 182.5
115 69.2 47.0 70.6

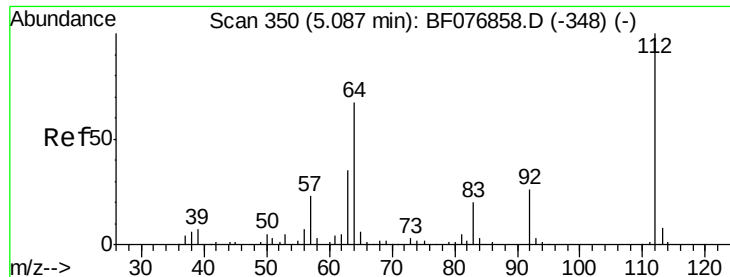


#2

1,4-Dioxane
Concen: 3.05 ng
RT: 1.44 min Scan# 31
Delta R.T. 0.18 min
Lab File: BF076966.D
Acq: 20 Jan 2015 17:20

Tgt Ion: 88 Resp: 3183
Ion Ratio Lower Upper
88 100
58 0.0 77.0 115.4#
43 0.0 25.6 38.4#





#5

2-Fluorophenol

Concen: 110.92 ng

RT: 4.97 min Scan# 340

Delta R.T. 0.01 min

Lab File: BF076966.D

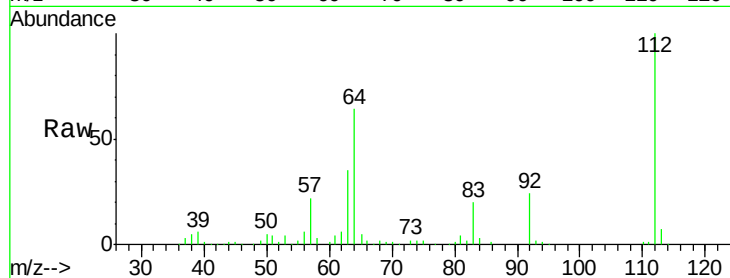
Acq: 20 Jan 2015 17:20

Instrument :

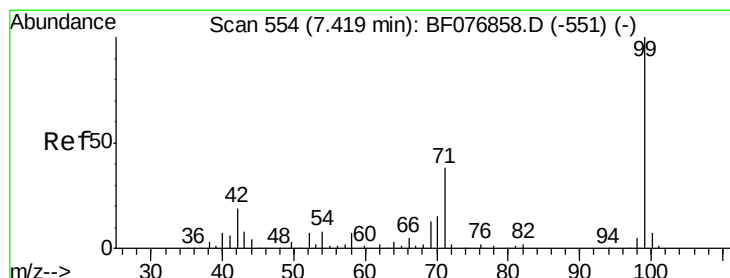
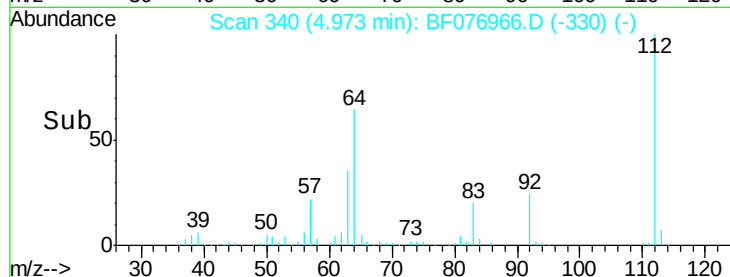
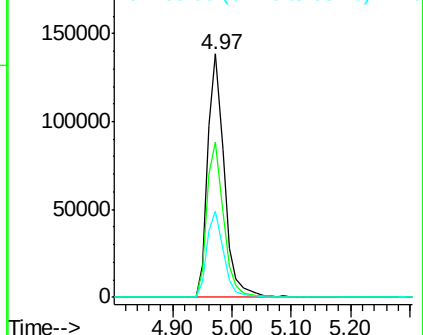
BNA_F

ClientSampled :

Tot Ion:	112	Resp:	270092
Ion	Ratio	Lower	Upper
112	100		
64	64.0	54.2	81.4
63	35.3	28.4	42.6



Abundance Ion 112.00 (111.70 to 112.70): E



#7

Phenol-d6

Concen: 106.43 ng

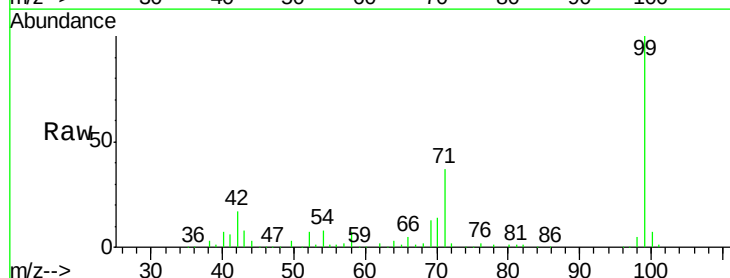
RT: 7.32 min Scan# 545

Delta R.T. -0.00 min

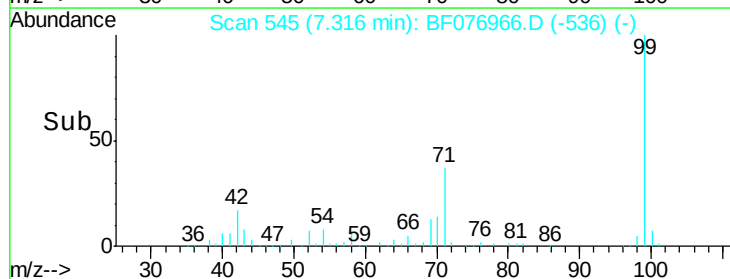
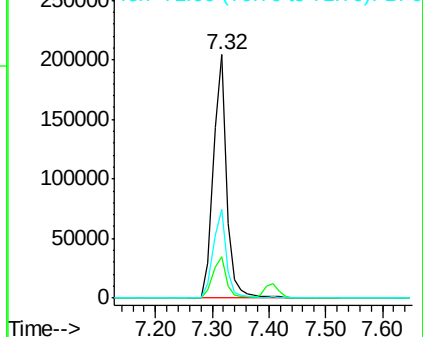
Lab File: BF076966.D

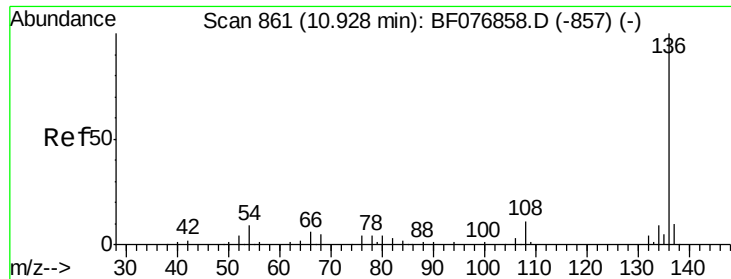
Acq: 20 Jan 2015 17:20

Tgt Ion:	99	Resp:	326913
Ion	Ratio	Lower	Upper
99	100		
42	17.1	15.0	22.4
71	36.7	30.5	45.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

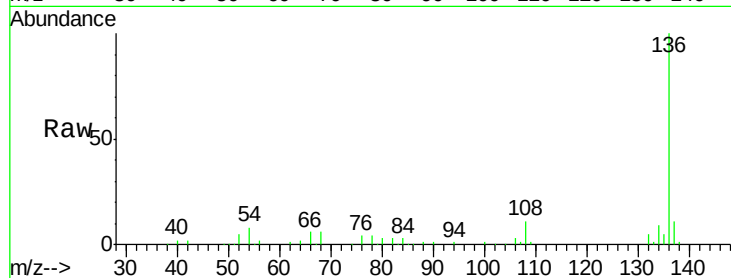




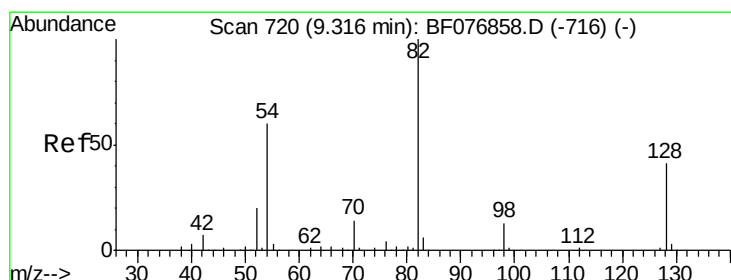
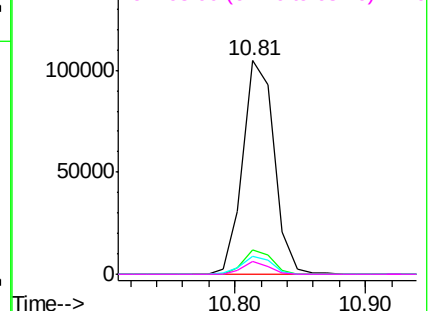
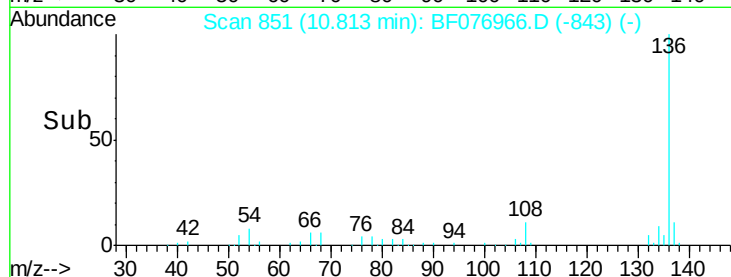
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.81 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF076966.D
Acq: 20 Jan 2015 17:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	175207
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.1 12.1
54	8.1	7.0 10.4
68	5.7	3.7 5.5#

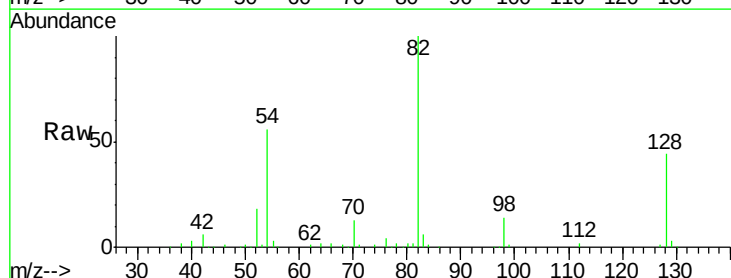


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

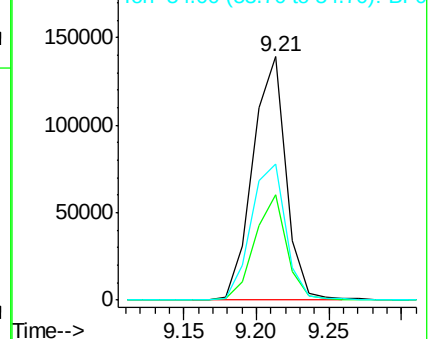
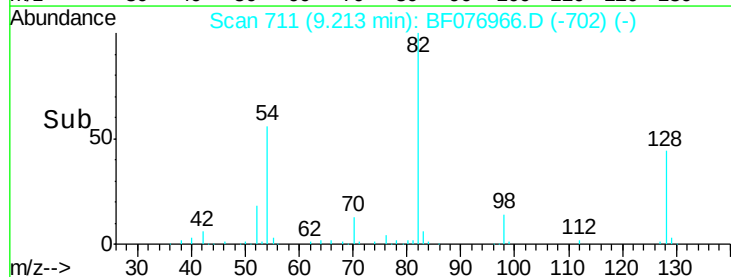


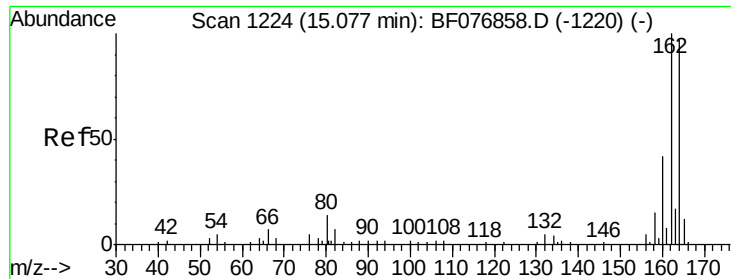
#23
Nitrobenzene-d5
Concen: 70.00 ng
RT: 9.21 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF076966.D
Acq: 20 Jan 2015 17:20

Tgt Ion: 82	Resp:	221378
Ion	Ratio	Lower Upper
82	100	
128	43.5	33.1 49.7
54	55.9	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

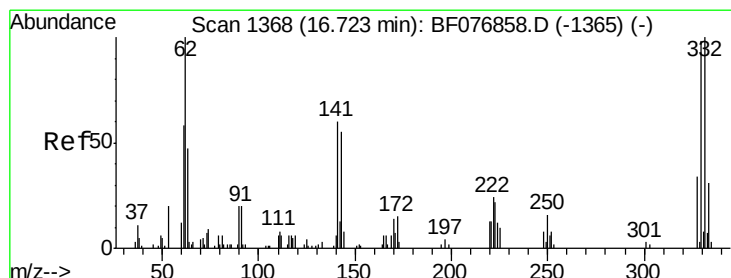
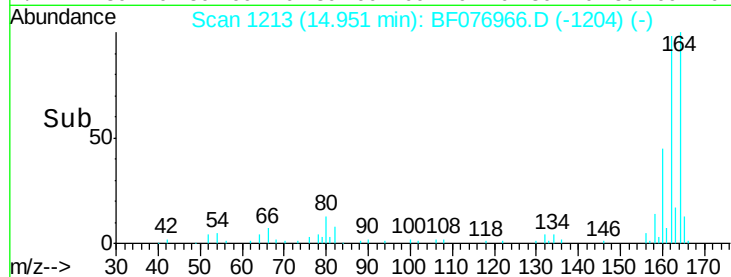
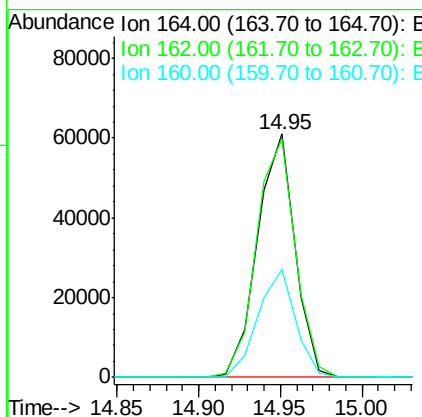
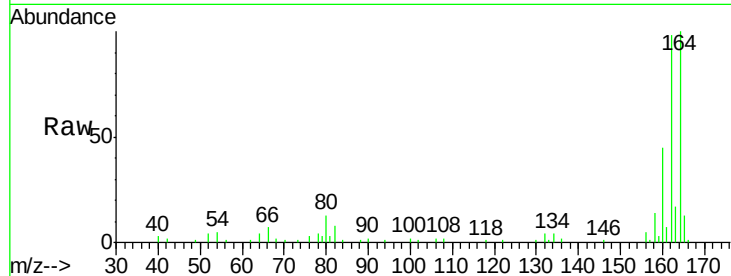




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.95 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF076966.D
 Acq: 20 Jan 2015 17:20

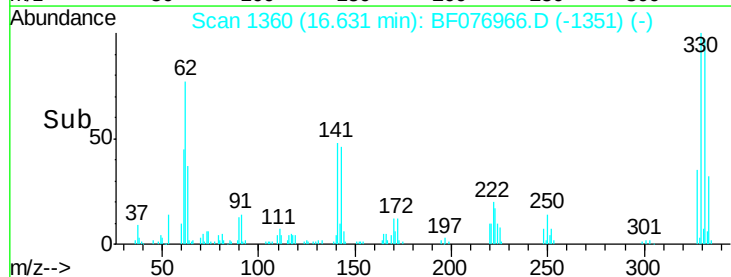
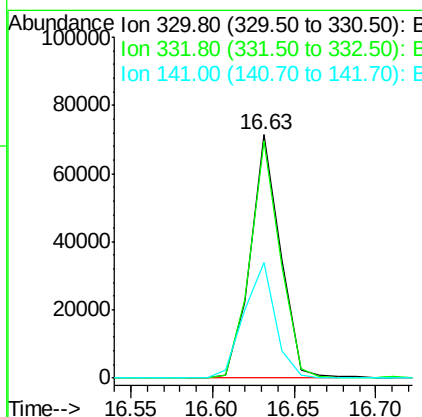
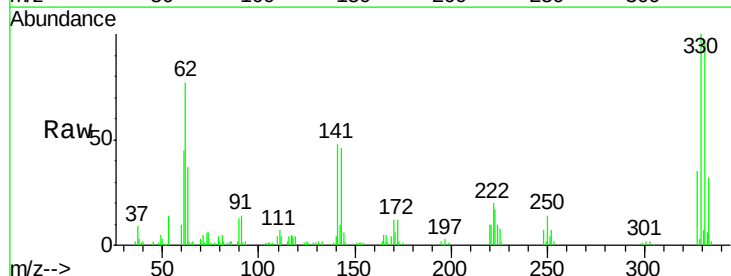
Instrument :
 BNA_F
 ClientSampleId :

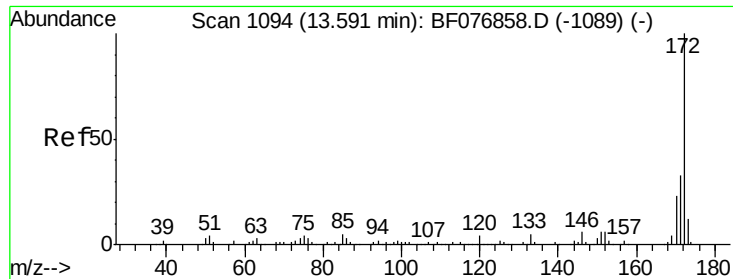
Tot Ion:164 Resp: 97578
 Ion Ratio Lower Upper
 164 100
 162 98.1 82.4 123.6
 160 44.5 34.8 52.2



#41
 2,4,6-Tribromophenol
 Concen: 114.97 ng
 RT: 16.63 min Scan# 1360
 Delta R.T. -0.00 min
 Lab File: BF076966.D
 Acq: 20 Jan 2015 17:20

Tgt Ion:330 Resp: 91065
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.8 116.6
 141 49.0 38.5 57.7

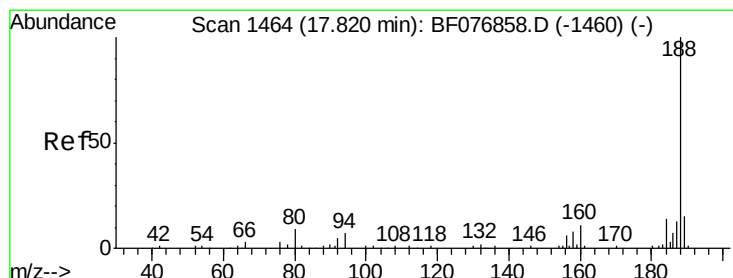
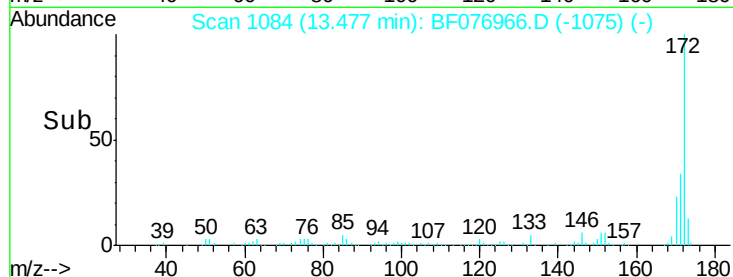
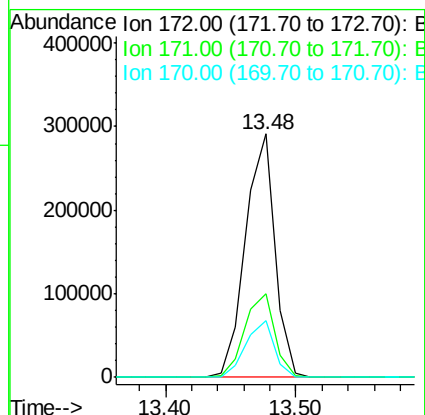
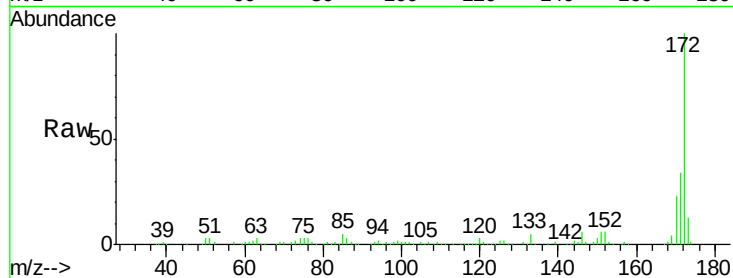




#44
 2-Fluorobiphenyl
 Concen: 71.56 ng
 RT: 13.48 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF076966.D
 Acq: 20 Jan 2015 17:20

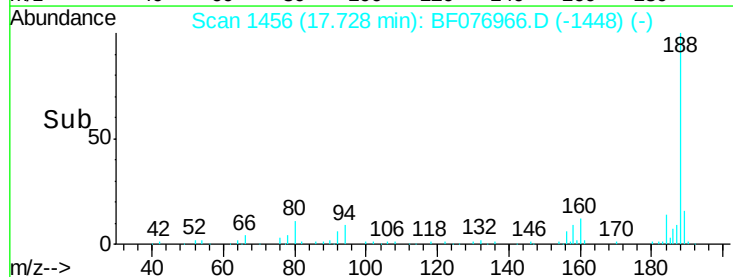
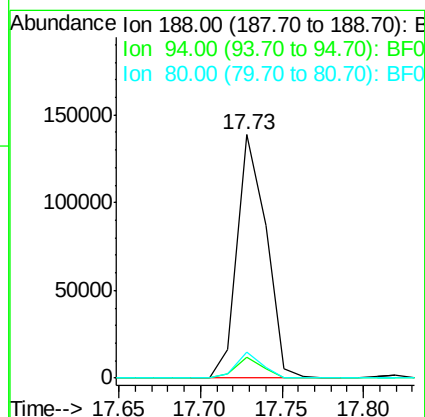
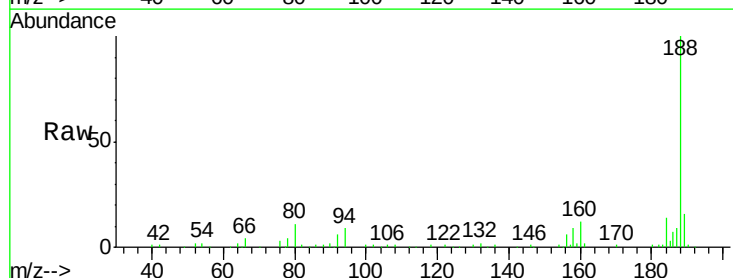
Instrument :
 BNA_F
 ClientSampleId :

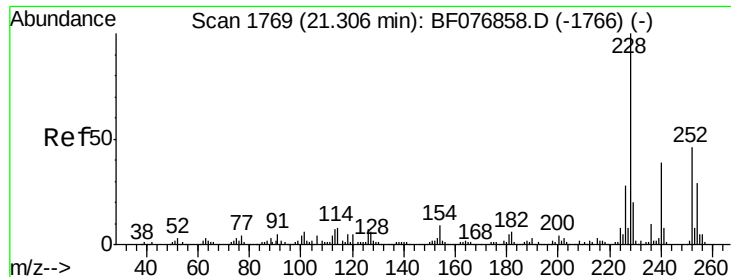
Tot Ion:172 Resp: 458821
 Ion Ratio Lower Upper
 172 100
 171 34.1 26.6 40.0
 170 23.4 18.0 27.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.73 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF076966.D
 Acq: 20 Jan 2015 17:20

Tgt Ion:188 Resp: 170324
 Ion Ratio Lower Upper
 188 100
 94 8.8 6.0 9.0
 80 10.6 6.9 10.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.23 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BF076966.D

Acq: 20 Jan 2015 17:20

Instrument :

BNA_F

ClientSampleId :

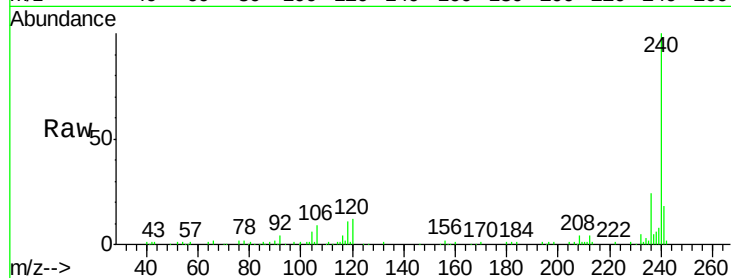
Tot Ion:240 Resp: 163793

Ion Ratio Lower Upper

240 100

120 12.5 10.4 15.6

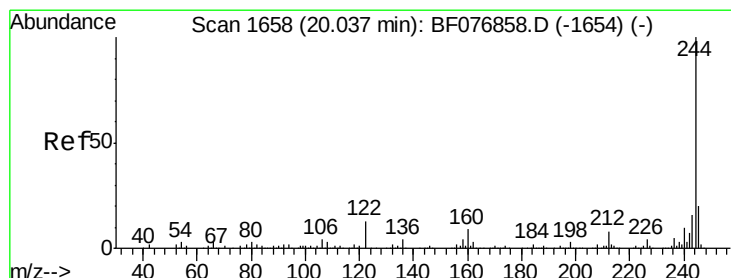
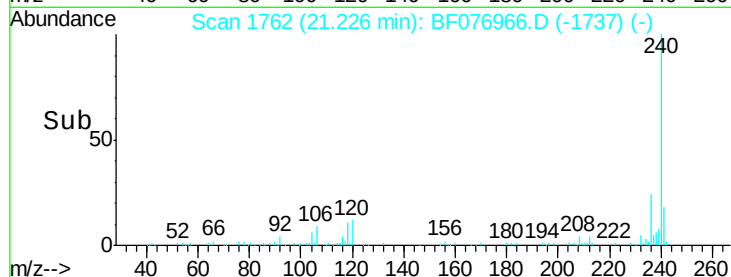
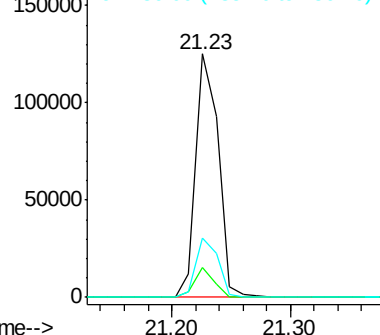
236 24.2 20.2 30.2



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: 71.61 ng

RT: 19.97 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BF076966.D

Acq: 20 Jan 2015 17:20

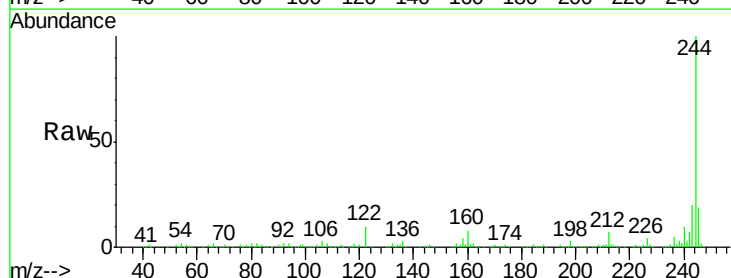
Tgt Ion:244 Resp: 509513

Ion Ratio Lower Upper

244 100

212 7.1 6.3 9.5

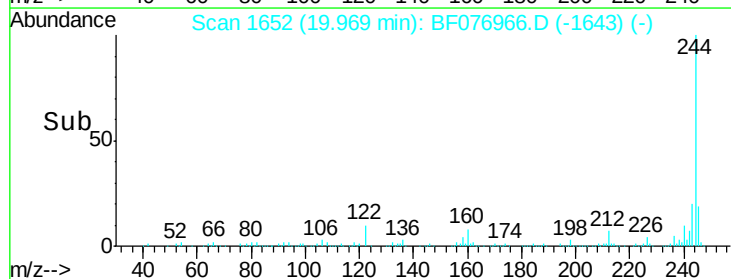
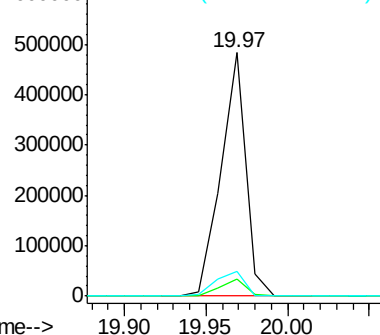
122 10.1 10.1 15.1

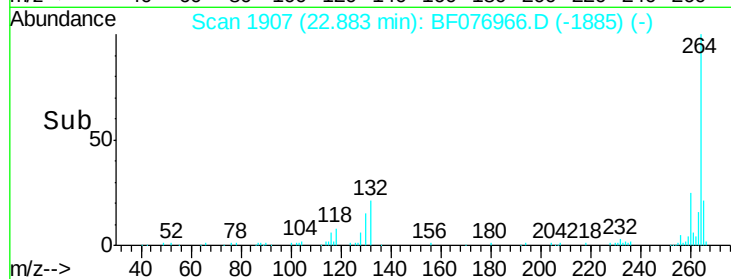
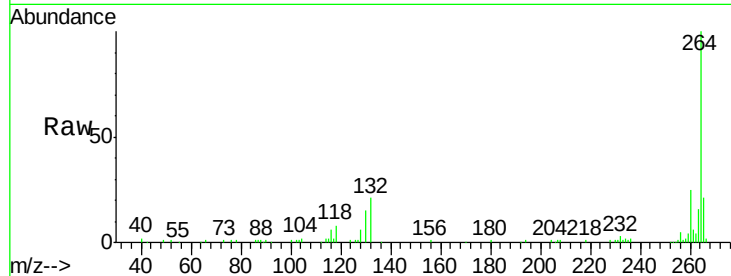
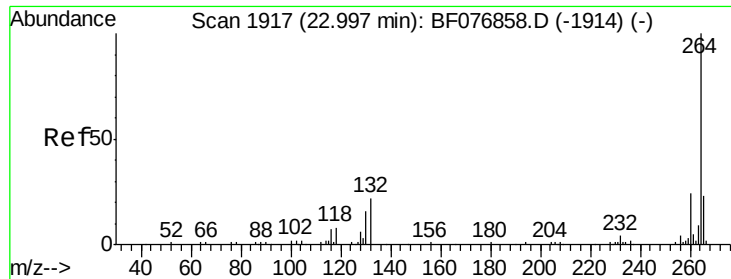


Abundance Ion 244.00 (243.70 to 244.70): E

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: 22.88 min Scan# 1907
 Delta R.T. -0.05 min
 Lab File: BF076966.D
 Acq: 20 Jan 2015 17:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.0	28.4
265	21.2	18.1	27.1

