

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094318.D
 Acq On : 10 Apr 2017 18:27
 Operator : SJ/MA
 Sample : I2601-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 00:49:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

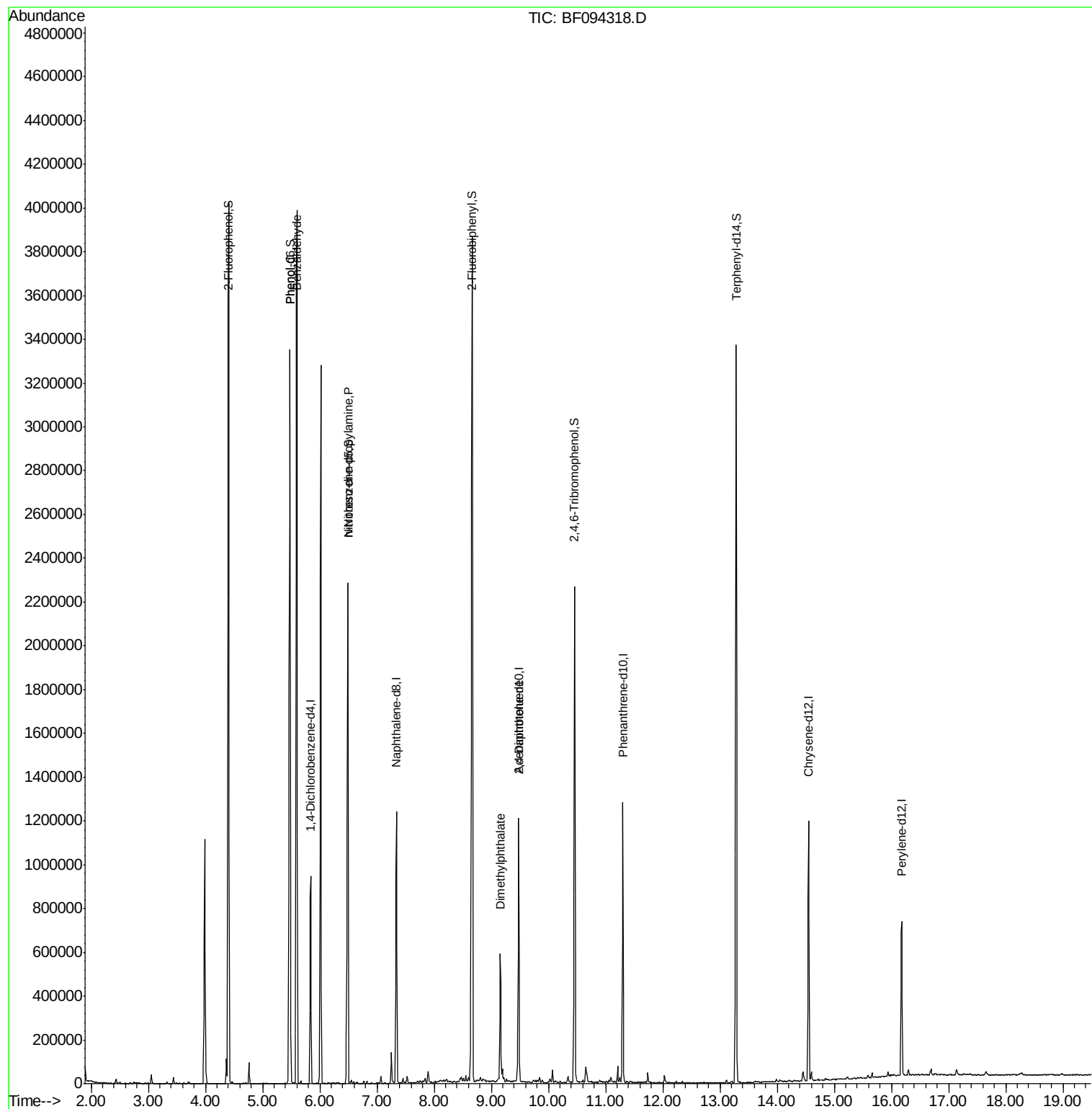
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	158959	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	639420	20.00	ng	-0.02
38) Acenaphthene-d10	9.47	164	293489	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	528302	20.00	ng	-0.02
75) Chrysene-d12	14.55	240	434546	20.00	ng	-0.02
86) Perylene-d12	16.18	264	292892	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1269163	134.85	ng	0.02
7) Phenol-d6	5.48	99	1642304	141.06	ng	0.02
23) Nitrobenzene-d5	6.49	82	1034097	92.29	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	336509	145.10	ng	-0.01
44) 2-Fluorobiphenyl	8.66	172	1691129	87.89	ng	-0.02
78) Terphenyl-d14	13.29	244	1342301	69.24	ng	-0.01
Target Compounds						
9) Benzaldehyde	5.60	77	27640	3.52	ng	Qvalue 82
10) Phenol	5.49	94	105630	7.97	ng	95
19) n-Nitroso-di-n-propylamine	6.49	70	139336	18.62	ng	# 75
49) Dimethylphthalate	9.16	163	260819	12.50	ng	98
56) 2,4-Dinitrotoluene	9.47	165	37293	6.21	ng	# 33

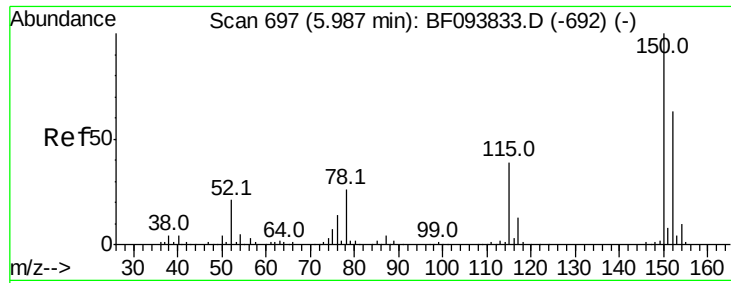
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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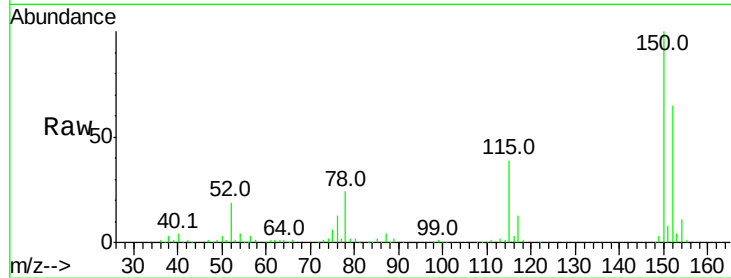


#1

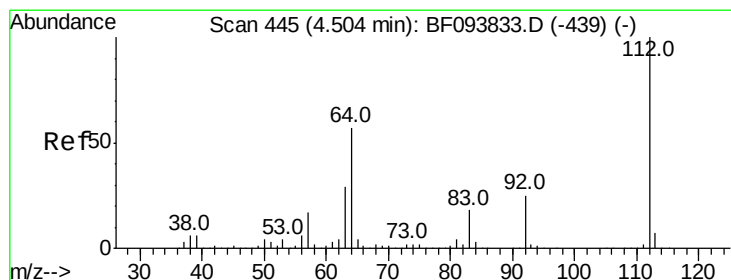
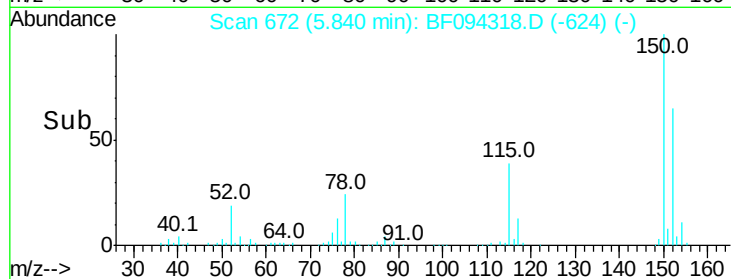
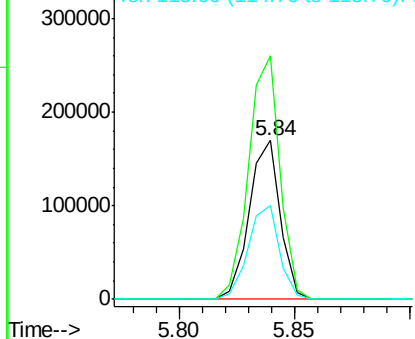
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.84 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF094318.D
Acq: 10 Apr 2017 18:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 158959
Ion Ratio Lower Upper
152 100
150 153.4 126.2 189.2
115 59.2 52.2 78.2



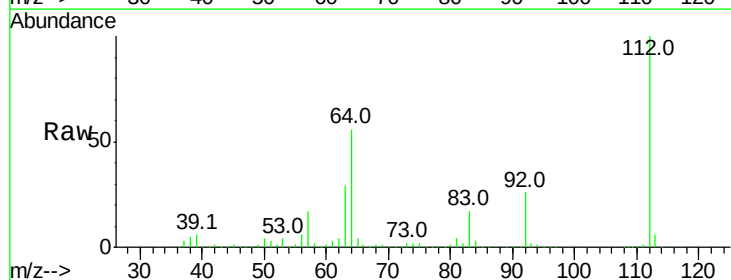
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



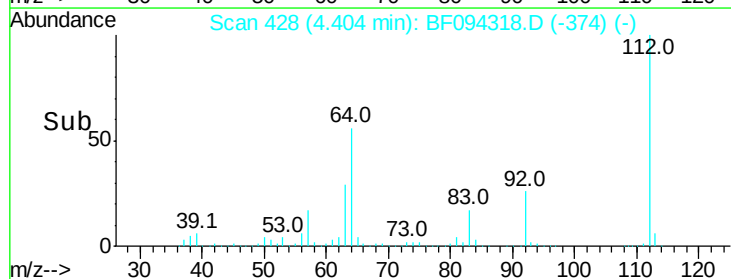
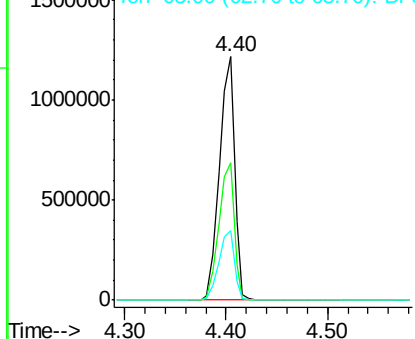
#5

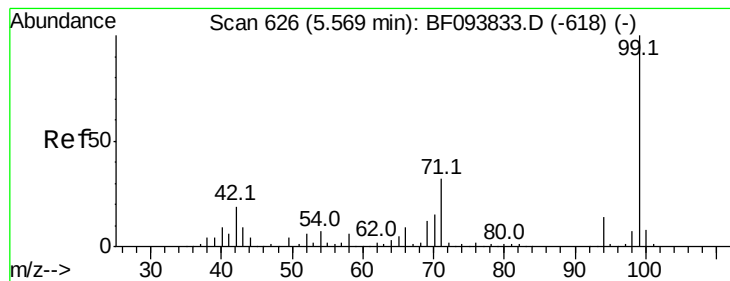
2-Fluorophenol
Concen: 134.85 ng
RT: 4.40 min Scan# 428
Delta R.T. 0.02 min
Lab File: BF094318.D
Acq: 10 Apr 2017 18:27

Tgt Ion:112 Resp: 1269163
Ion Ratio Lower Upper
112 100
64 56.4 46.0 69.0
63 28.6 23.4 35.0



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: 141.06 ng

RT: 5.48 min Scan# 611

Delta R.T. 0.02 min

Lab File: BF094318.D

Acq: 10 Apr 2017 18:27

Instrument :

BNA_F

ClientSampleId :

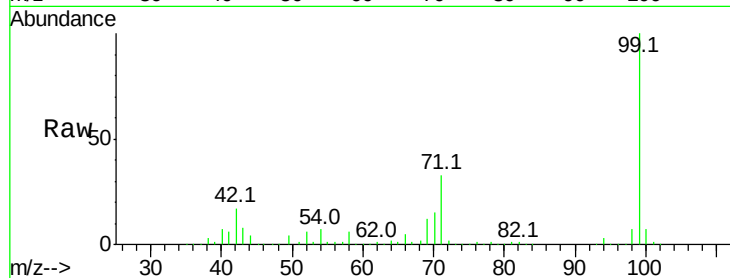
Tot Ion: 99 Resp: 1642304

Ion Ratio Lower Upper

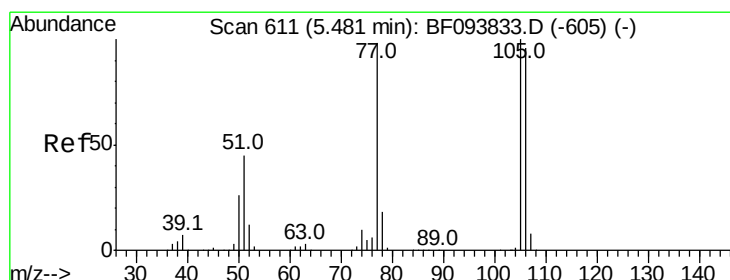
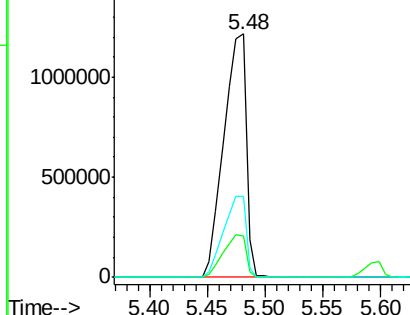
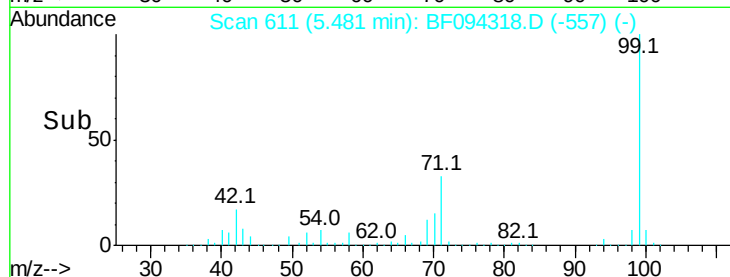
99 100

42 17.0 13.5 20.3

71 33.2 24.5 36.7



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



#9

Benzaldehyde

Concen: 3.52 ng

RT: 5.60 min Scan# 631

Delta R.T. 0.25 min

Lab File: BF094318.D

Acq: 10 Apr 2017 18:27

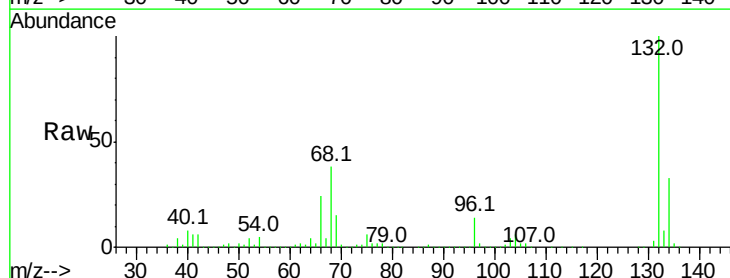
Tgt Ion: 77 Resp: 27640

Ion Ratio Lower Upper

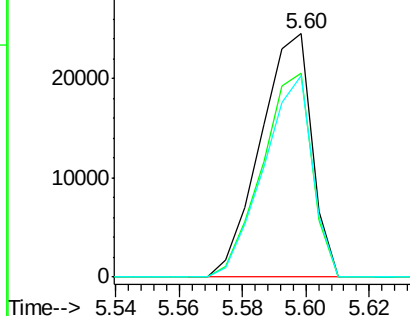
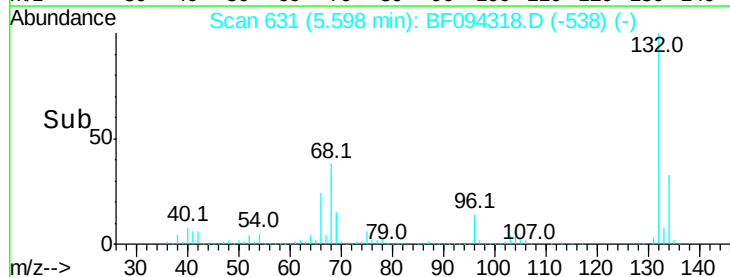
77 100

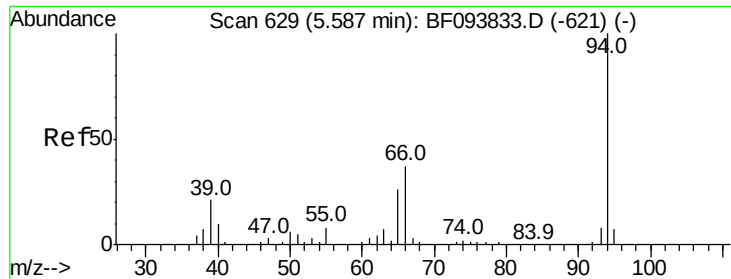
105 83.9 83.8 123.8

106 82.8 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

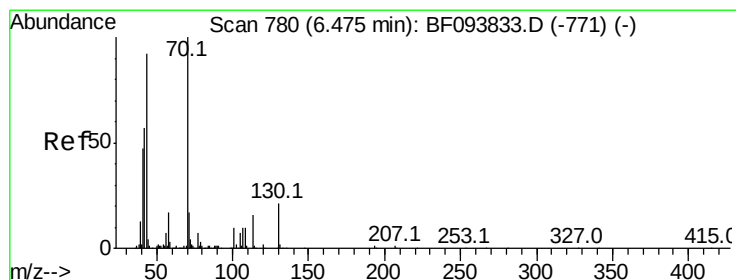
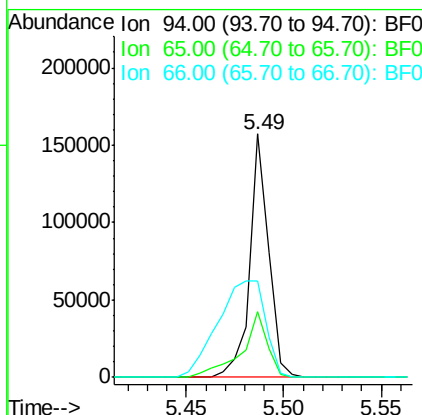
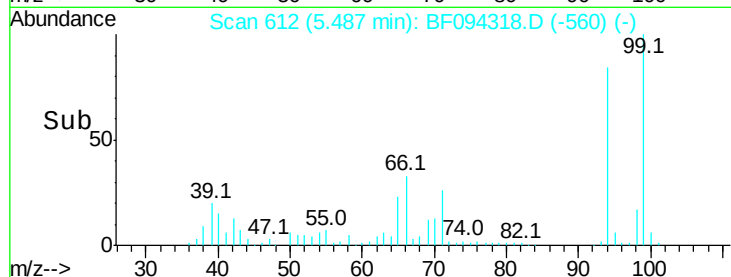
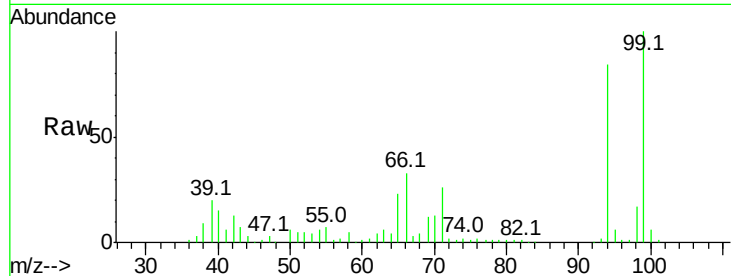




#10
Phenol
Concen: 7.97 ng
RT: 5.49 min Scan# 612
Delta R.T. 0.01 min
Lab File: BF094318.D
Acq: 10 Apr 2017 18:27

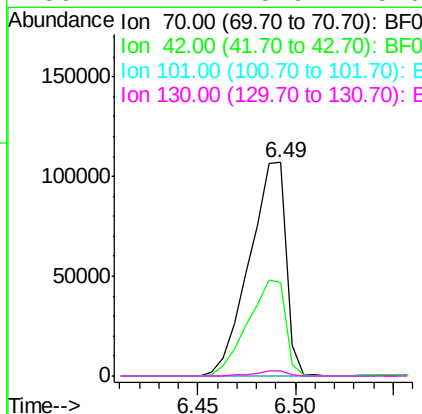
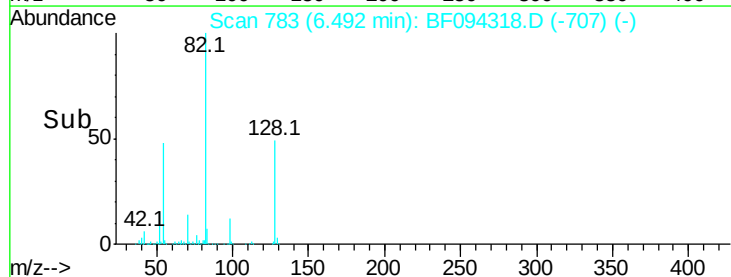
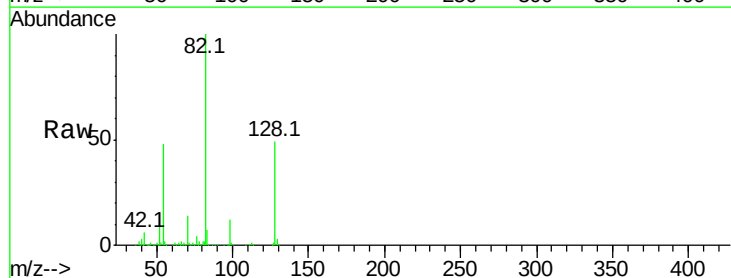
Instrument :
BNA_F
ClientSampleId :

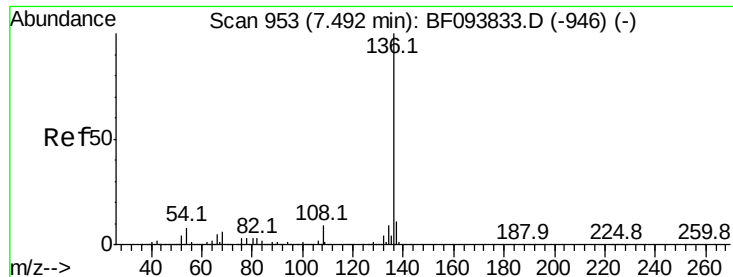
Tot Ion	Ratio	Lower	Upper
94	100		
65	27.0	9.9	49.9
66	39.6	23.1	63.1



#19
n-Nitroso-di-n-propylamine
Concen: 18.62 ng
RT: 6.49 min Scan# 783
Delta R.T. 0.15 min
Lab File: BF094318.D
Acq: 10 Apr 2017 18:27

Tgt Ion	Ratio	Lower	Upper
70	100		
42	43.9	47.2	70.8#
101	0.0	7.2	10.8#
130	2.4	15.9	23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.34 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF094318.D

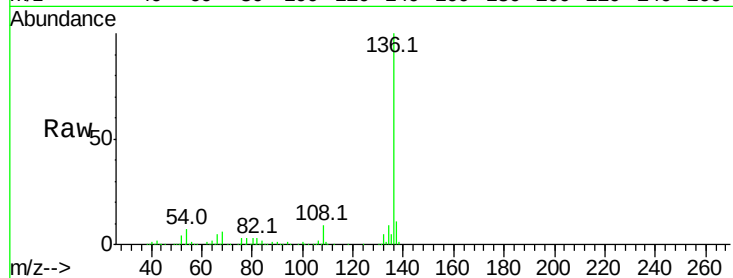
Acq: 10 Apr 2017 18:27

Instrument :

BNA_F

ClientSampled :

Tot Ion:	136	Resp:	639420
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.0	4.9	7.3
68	5.6	4.1	6.1

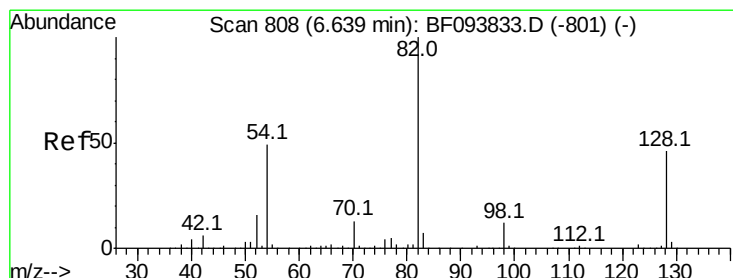
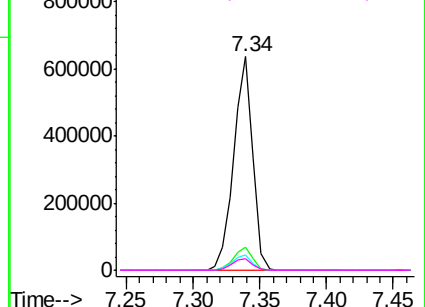
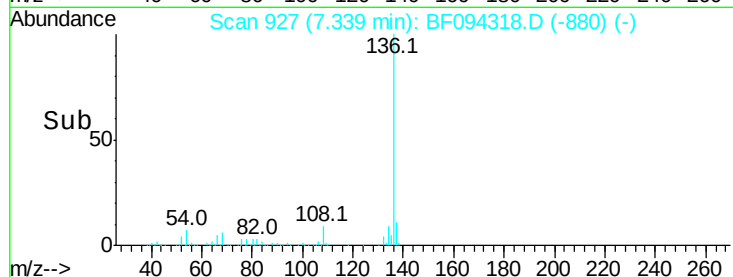


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.29 ng

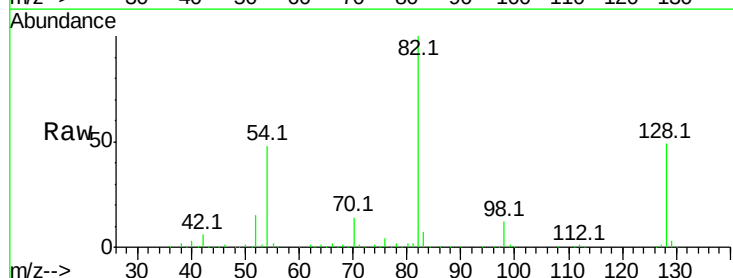
RT: 6.49 min Scan# 783

Delta R.T. -0.02 min

Lab File: BF094318.D

Acq: 10 Apr 2017 18:27

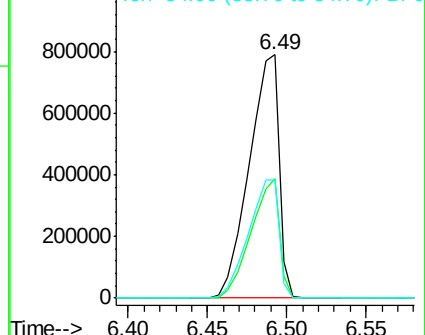
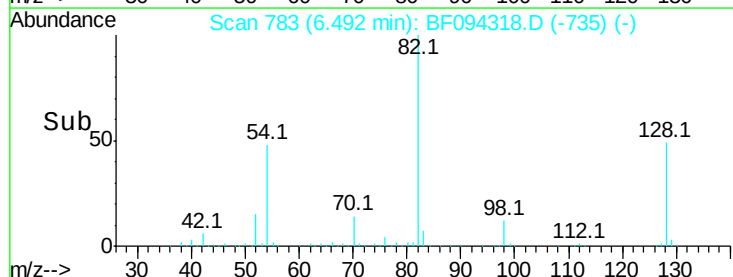
Tgt Ion:	82	Resp:	1034097
Ion	Ratio	Lower	Upper
82	100		
128	49.2	34.0	51.0
54	48.4	42.2	63.2

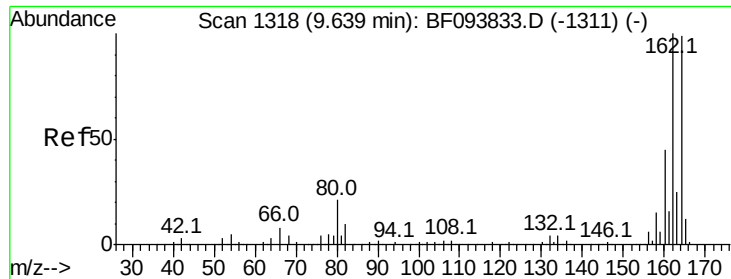


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

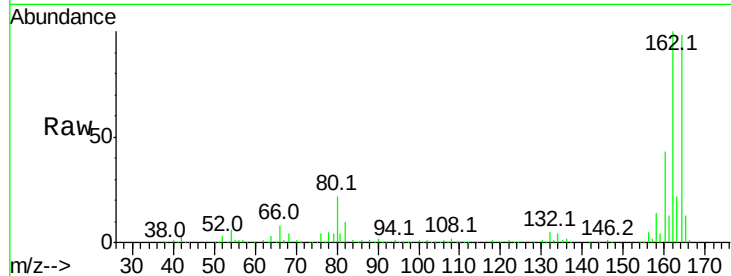




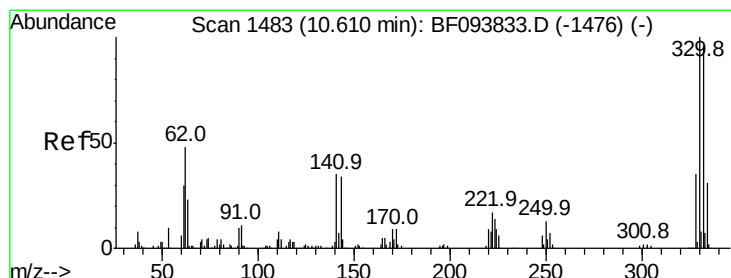
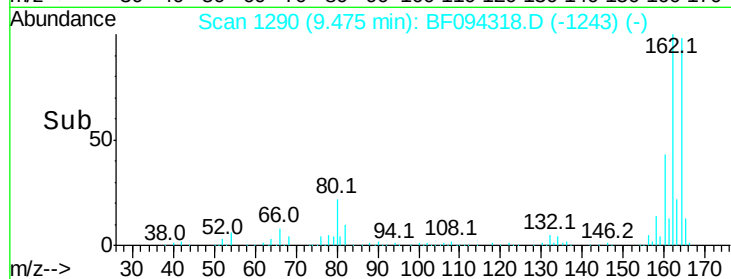
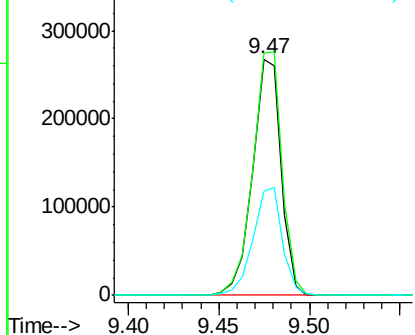
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF094318.D
 Acq: 10 Apr 2017 18:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 293489
 Ion Ratio Lower Upper
 164 100
 162 102.5 82.6 123.8
 160 44.3 36.2 54.2

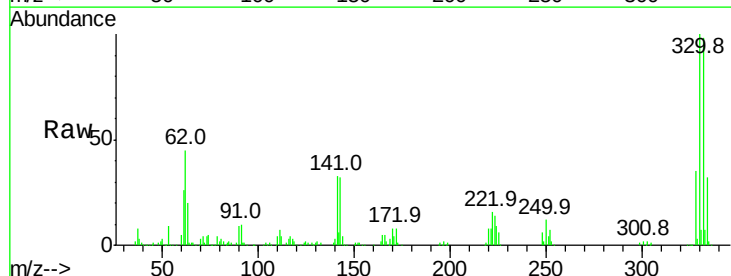


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

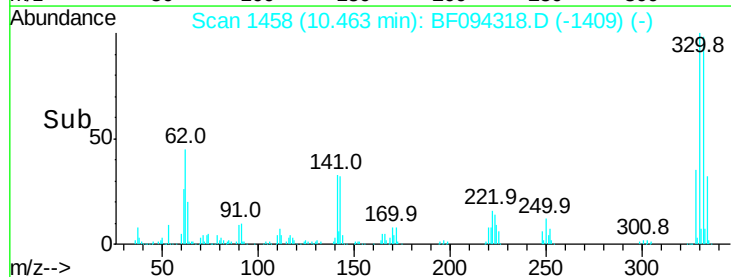
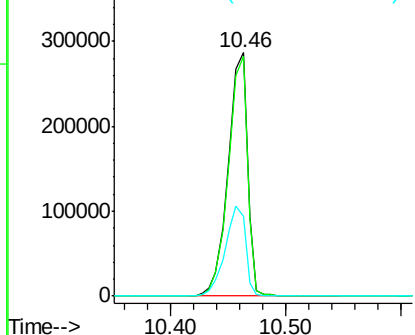


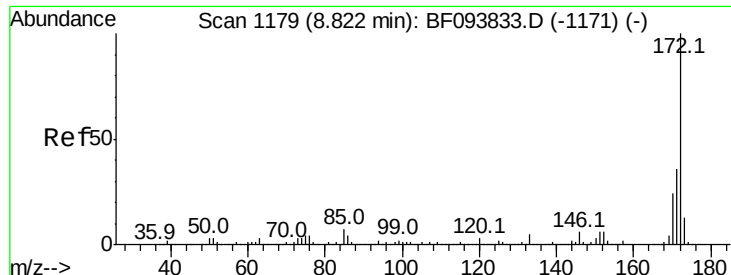
#41
 2,4,6-Tribromophenol
 Concen: 145.10 ng
 RT: 10.46 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF094318.D
 Acq: 10 Apr 2017 18:27

Tgt Ion:330 Resp: 336509
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 115.0
 141 38.7 31.4 47.2



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



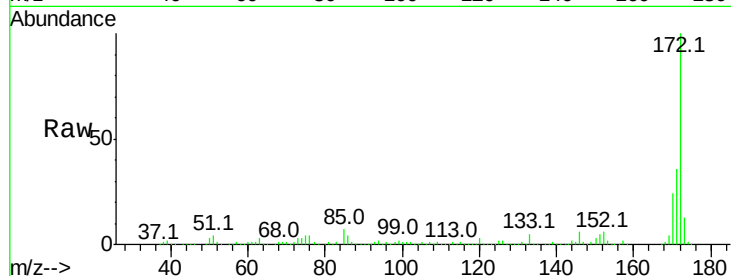


#44
 2-Fluorobiphenyl
 Concen: 87.89 ng
 RT: 8.66 min Scan# 1152
 Delta R.T. -0.02 min
 Lab File: BF094318.D
 Acq: 10 Apr 2017 18:27

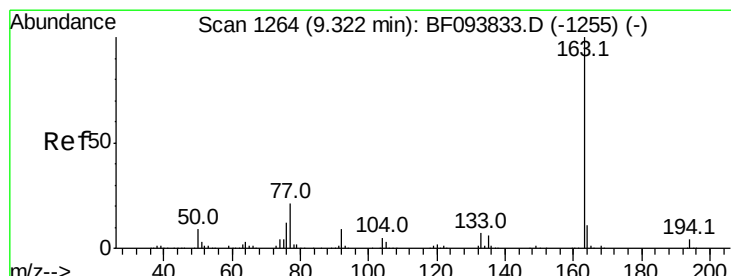
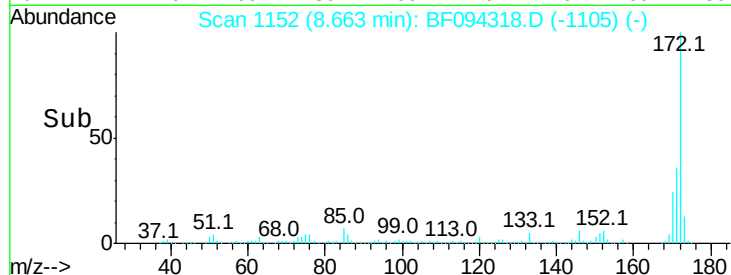
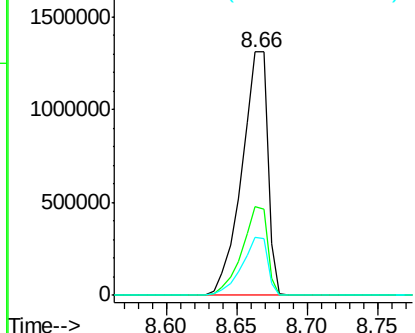
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1691129

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.9	19.8	29.8



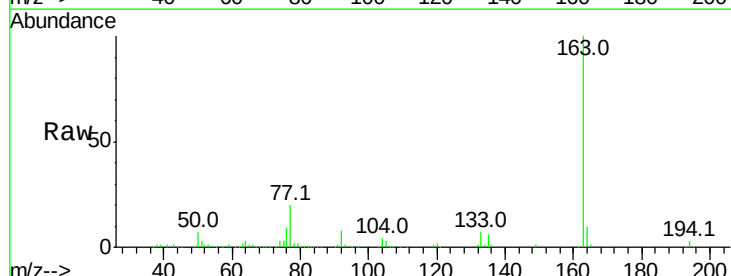
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



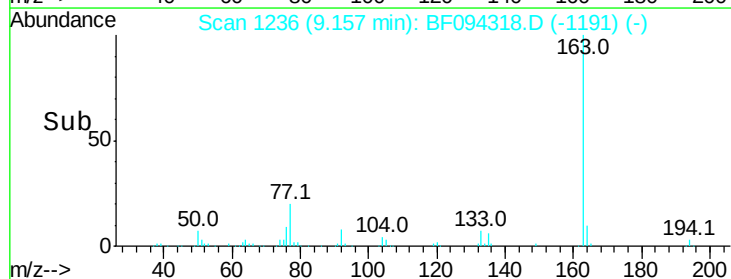
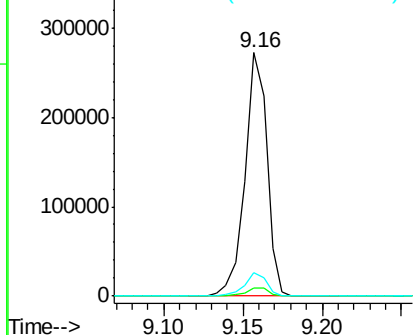
#49
 Dimethylphthalate
 Concen: 12.50 ng
 RT: 9.16 min Scan# 1236
 Delta R.T. -0.04 min
 Lab File: BF094318.D
 Acq: 10 Apr 2017 18:27

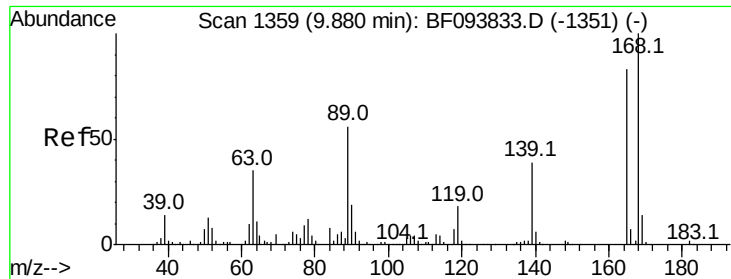
Tgt Ion:163 Resp: 260819

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.7	8.4	12.6



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

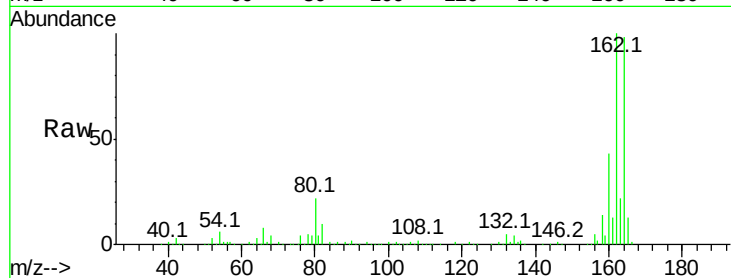




#56
 2,4-Dinitrotoluene
 Concen: 6.21 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.28 min
 Lab File: BF094318.D
 Acq: 10 Apr 2017 18:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#

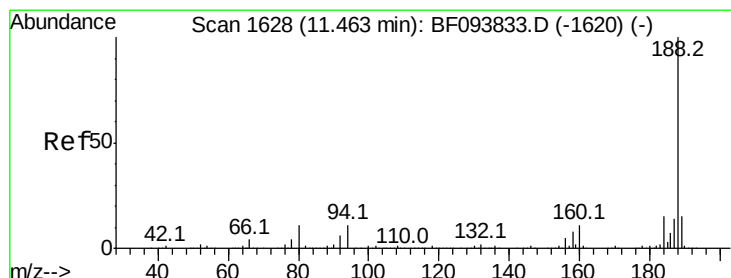
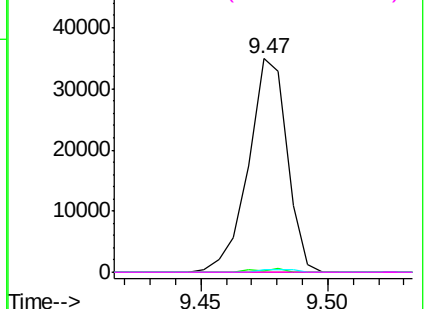
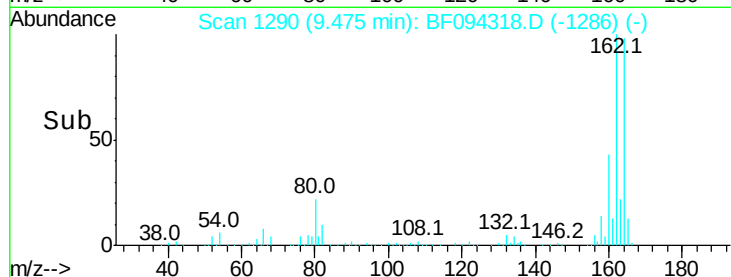


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

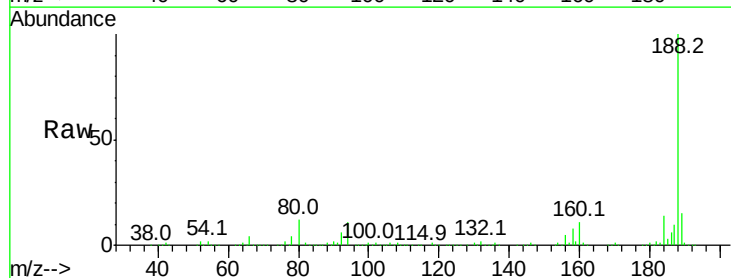
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 1600
 Delta R.T. -0.02 min
 Lab File: BF094318.D
 Acq: 10 Apr 2017 18:27

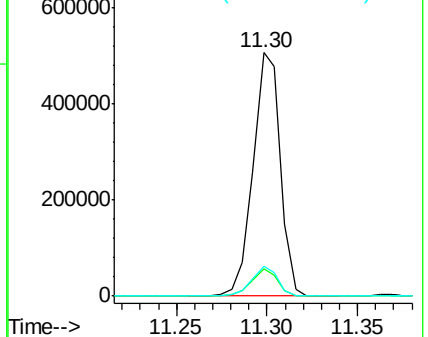
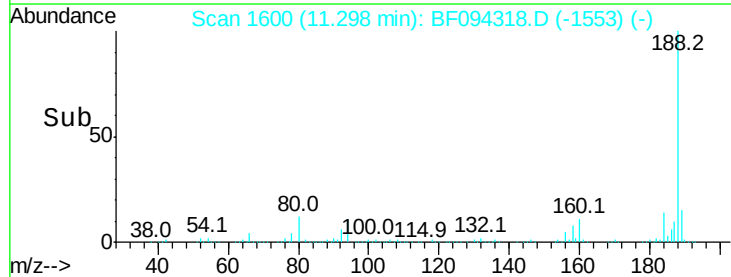
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.4	14.2
80	12.1	10.2	15.2

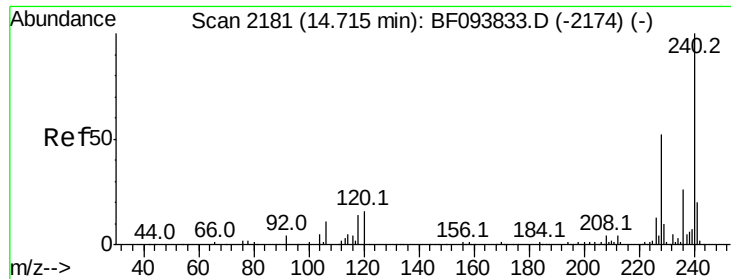


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

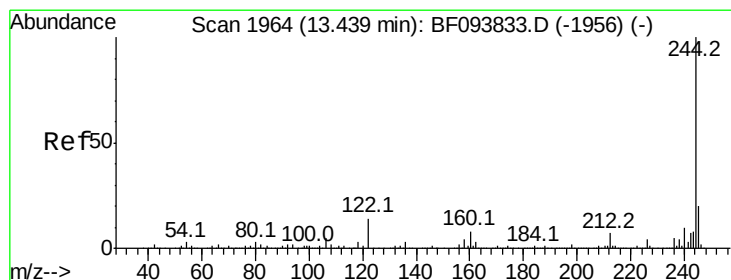
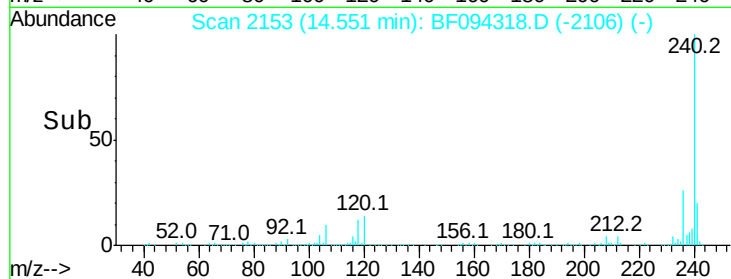
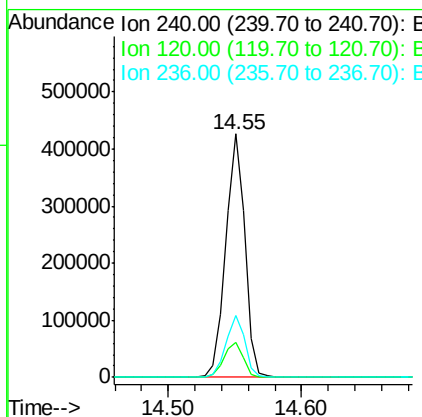
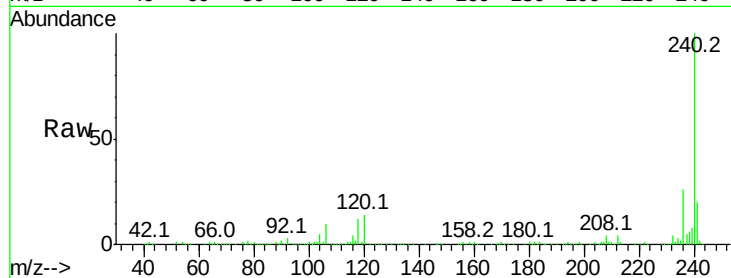




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.55 min Scan# 2153
 Delta R.T. -0.02 min
 Lab File: BF094318.D
 Acq: 10 Apr 2017 18:27

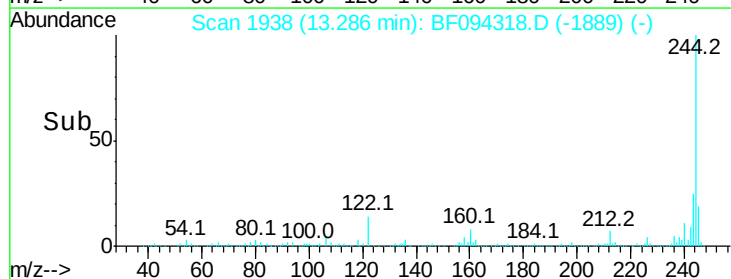
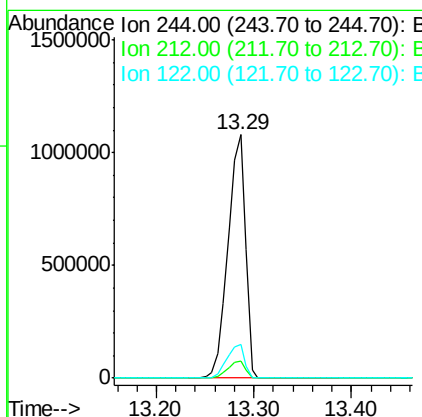
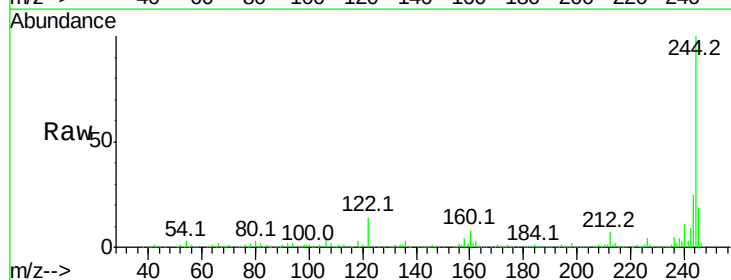
Instrument :
 BNA_F
 ClientSampled :

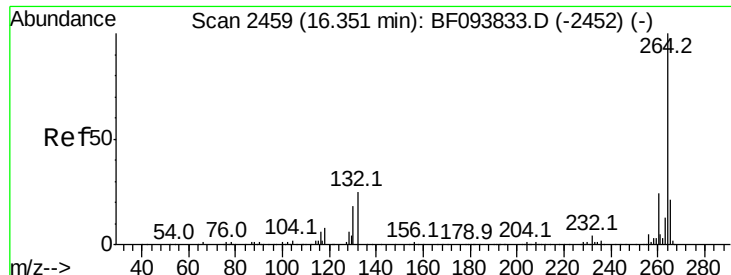
Tot Ion:240 Resp: 434546
 Ion Ratio Lower Upper
 240 100
 120 14.3 5.8 8.8#
 236 25.5 20.5 30.7



#78
 Terphenyl-d14
 Concen: 69.24 ng
 RT: 13.29 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BF094318.D
 Acq: 10 Apr 2017 18:27

Tgt Ion:244 Resp: 1342301
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.7 10.3 15.5

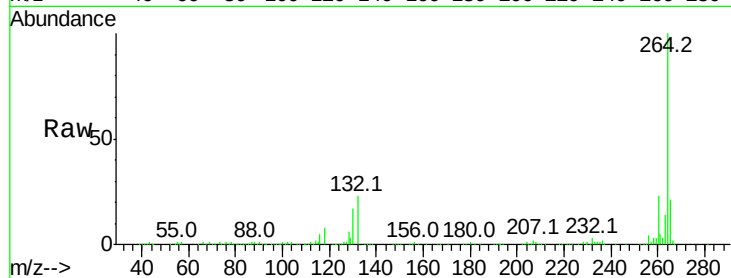




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.18 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BF094318.D
Acq: 10 Apr 2017 18:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	20.9	17.2	25.8



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

