

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094326.D
 Acq On : 10 Apr 2017 22:06
 Operator : SJ/MA
 Sample : I2595-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

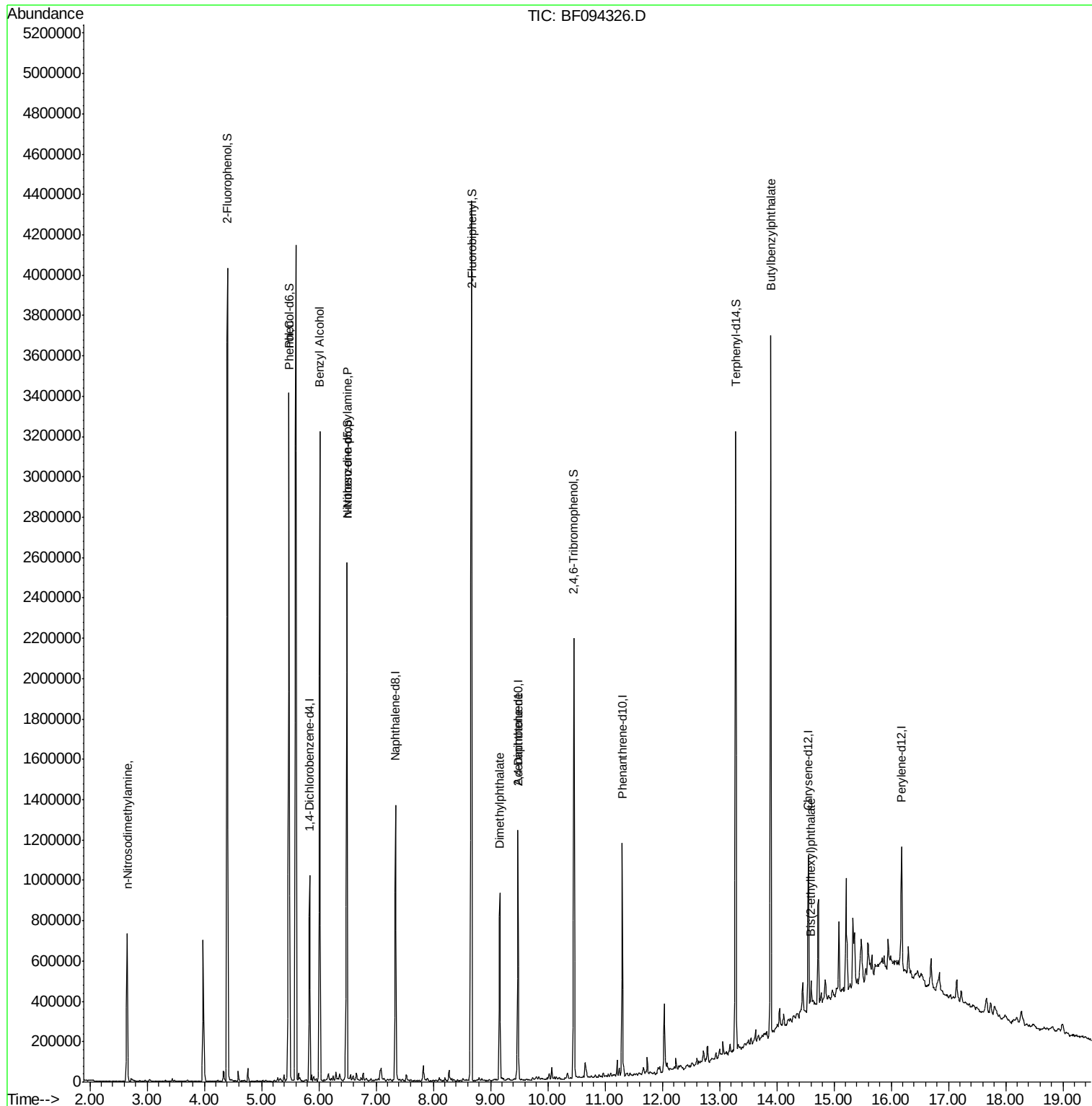
Quant Time: Apr 11 00:51:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

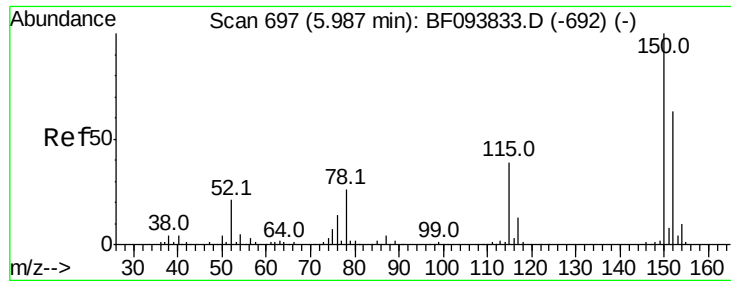
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	161754	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	641025	20.00	ng	-0.02
38) Acenaphthene-d10	9.48	164	281783	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	456981	20.00	ng	-0.02
75) Chrysene-d12	14.55	240	314520	20.00	ng	-0.02
86) Perylene-d12	16.18	264	259173	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1320178	137.85	ng	0.02
7) Phenol-d6	5.48	99	1698073	143.33	ng	0.02
23) Nitrobenzene-d5	6.49	82	1041105	92.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	323540	145.30	ng	-0.01
44) 2-Fluorobiphenyl	8.67	172	1726306	93.44	ng	-0.02
78) Terphenyl-d14	13.29	244	1197167	85.32	ng	-0.01
Target Compounds						
4) n-Nitrosodimethylamine	2.65	42	22394	4.34	ng	# 1
10) Phenol	5.49	94	130278	9.66	ng	90
15) Benzyl Alcohol	6.02	79	18838	2.17	ng	# 52
19) n-Nitroso-di-n-propylamine	6.49	70	142944	18.77	ng	# 78
49) Dimethylphthalate	9.16	163	416446	20.79	ng	99
56) 2,4-Dinitrotoluene	9.48	165	36351	6.30	ng	# 33
79) Butylbenzylphthalate	13.90	149	1115275	114.67	ng	# 84
83) Bis(2-ethylhexyl)phthalate	14.60	149	47934	3.61	ng	# 97

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

```
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Sample    : I2595-04  
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ALS Vial  : 25      Sample Multiplier: 1
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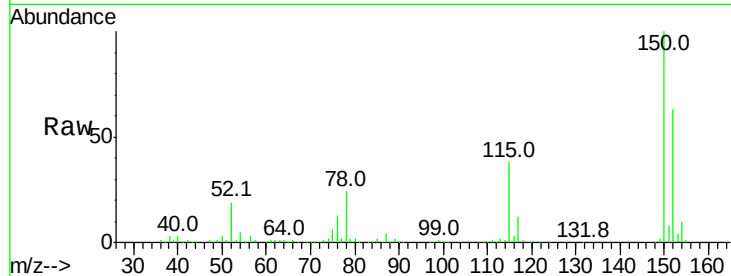


#1

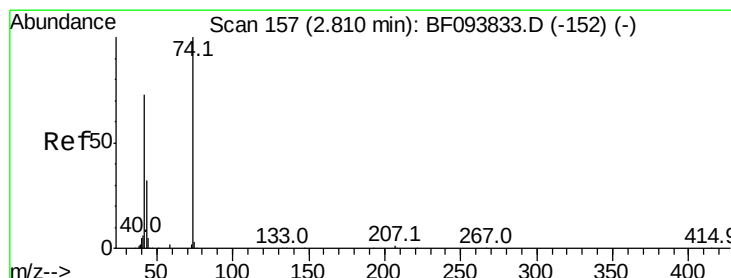
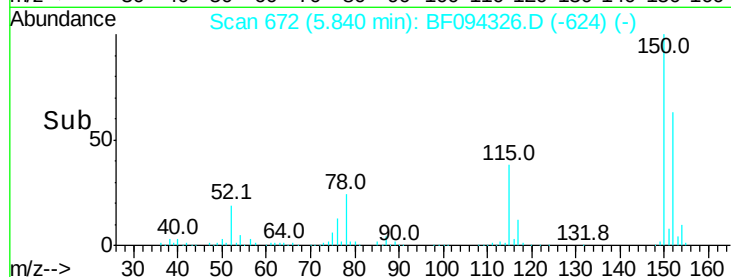
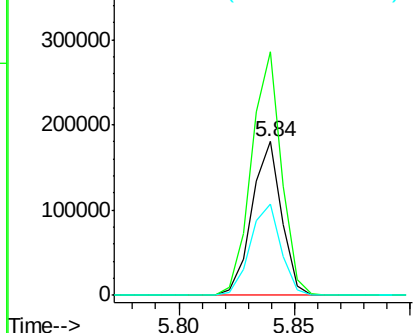
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.84 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF094326.D
Acq: 10 Apr 2017 22:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 161754
Ion Ratio Lower Upper
152 100
150 158.3 126.2 189.2
115 59.6 52.2 78.2



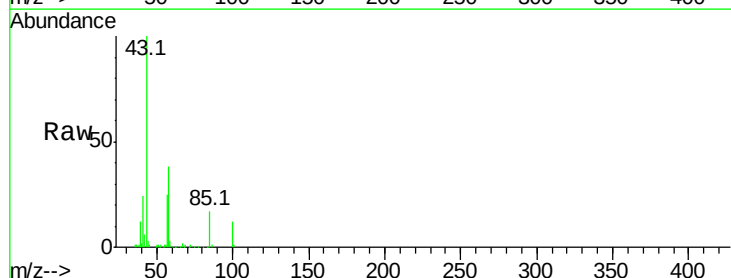
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



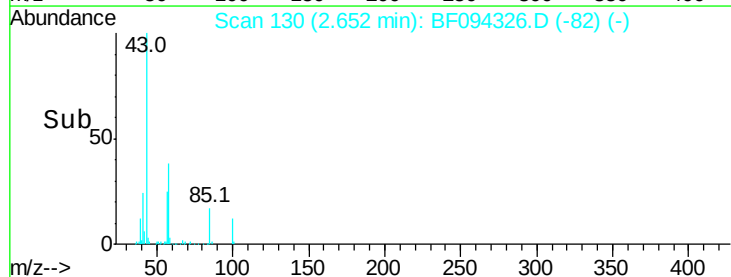
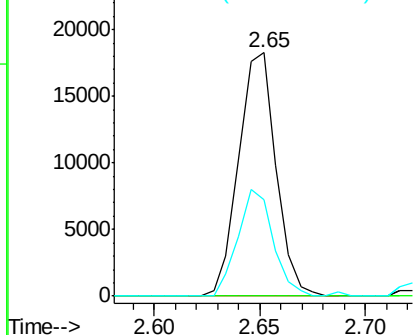
#4

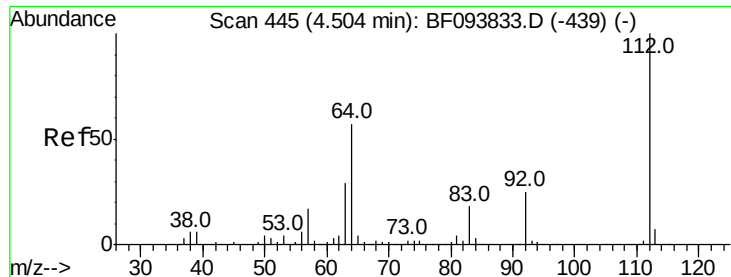
n-Nitrosodimethylamine
Concen: 4.34 ng
RT: 2.65 min Scan# 130
Delta R.T. -0.02 min
Lab File: BF094326.D
Acq: 10 Apr 2017 22:06

Tgt Ion: 42 Resp: 22394
Ion Ratio Lower Upper
42 100
74 0.0 103.9 155.9#
44 39.8 5.7 8.5#



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 137.85 ng

RT: 4.40 min Scan# 428

Delta R.T. 0.02 min

Lab File: BF094326.D

Acq: 10 Apr 2017 22:06

Instrument :

BNA_F

ClientSampleId :

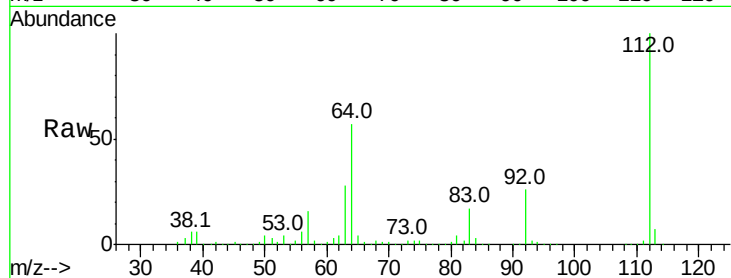
Tot Ion:112 Resp: 1320178

Ion Ratio Lower Upper

112 100

64 56.5 46.0 69.0

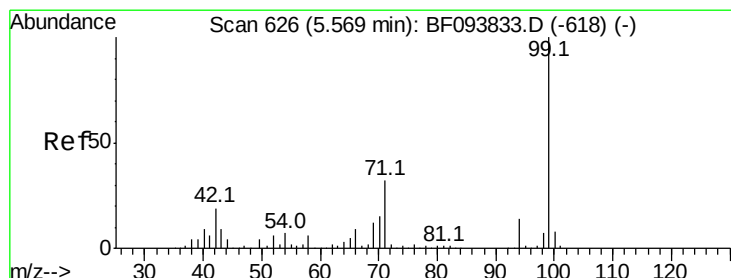
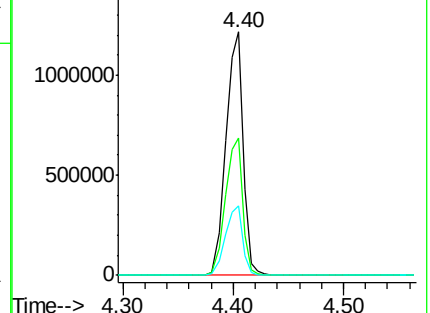
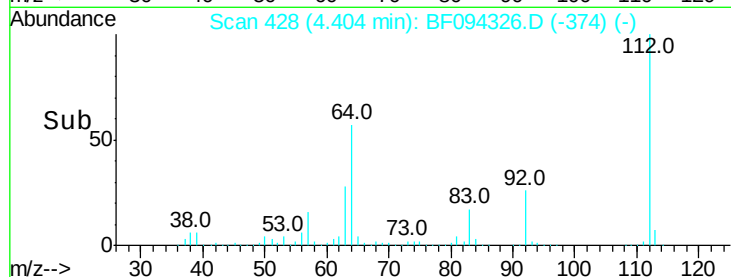
63 28.3 23.4 35.0



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: 143.33 ng

RT: 5.48 min Scan# 611

Delta R.T. 0.02 min

Lab File: BF094326.D

Acq: 10 Apr 2017 22:06

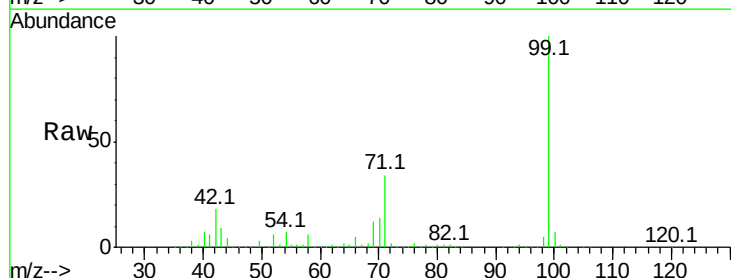
Tgt Ion: 99 Resp: 1698073

Ion Ratio Lower Upper

99 100

42 18.0 13.5 20.3

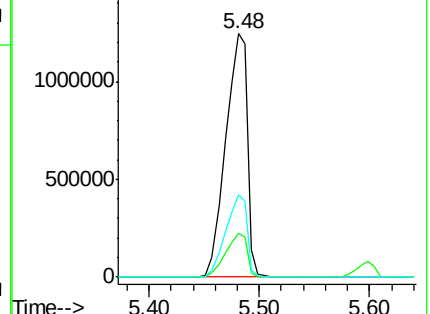
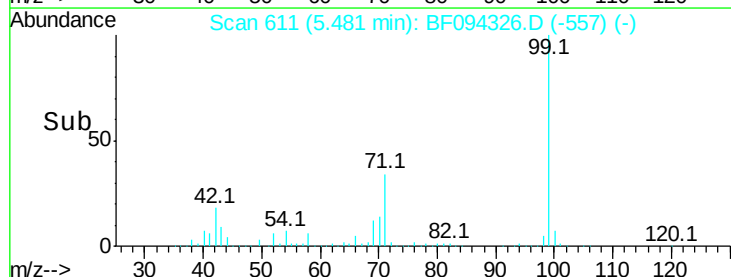
71 33.6 24.5 36.7

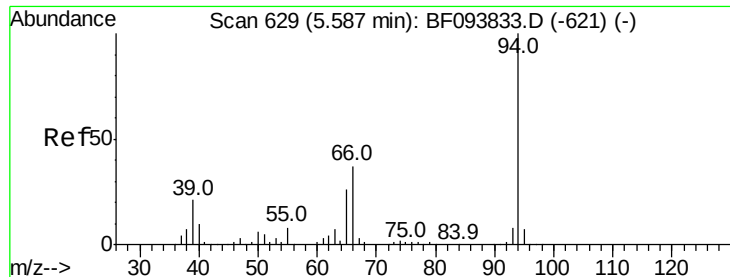


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 9.66 ng

RT: 5.49 min Scan# 613

Delta R.T. 0.01 min

Lab File: BF094326.D

Acq: 10 Apr 2017 22:06

Instrument :

BNA_F

ClientSampleId :

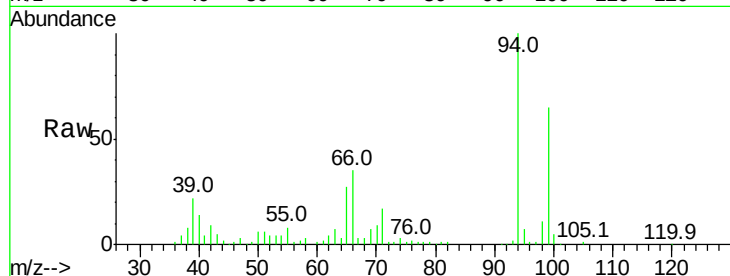
Tot Ion: 94 Resp: 130278

Ion Ratio Lower Upper

94 100

65 26.8 9.9 49.9

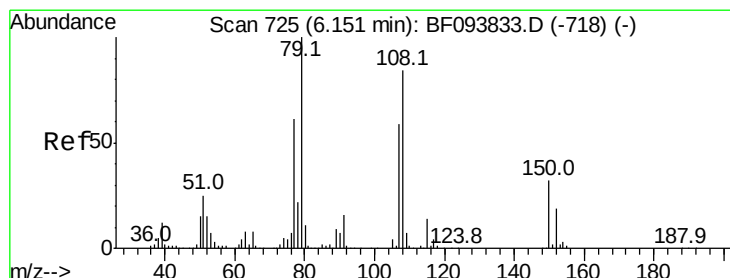
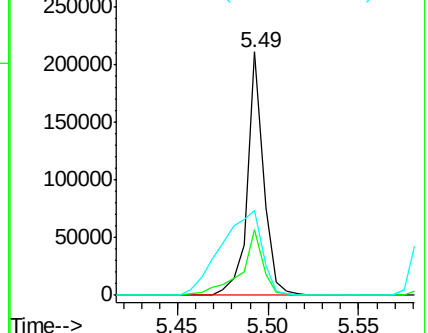
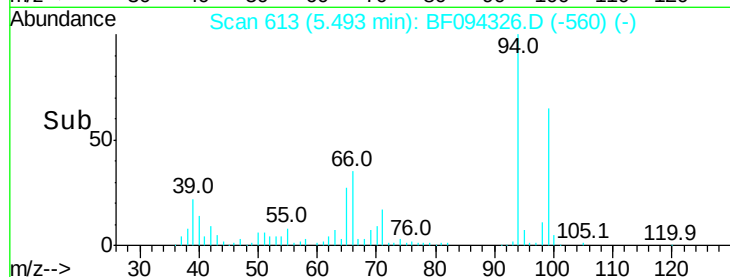
66 35.0 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#15

Benzyl Alcohol

Concen: 2.17 ng

RT: 6.02 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF094326.D

Acq: 10 Apr 2017 22:06

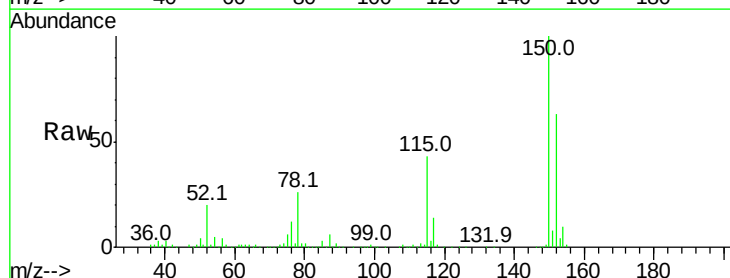
Tgt Ion: 79 Resp: 18838

Ion Ratio Lower Upper

79 100

108 33.0 63.4 95.0#

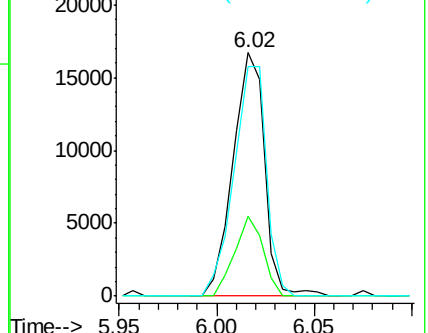
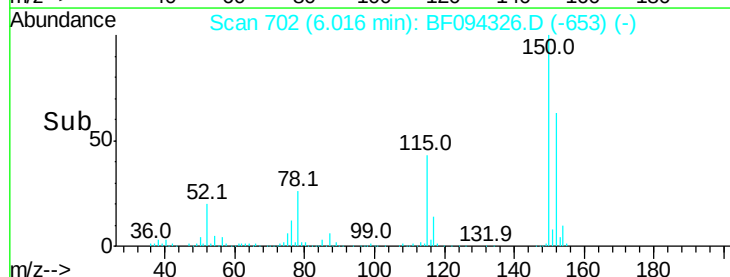
77 94.4 49.2 73.8#

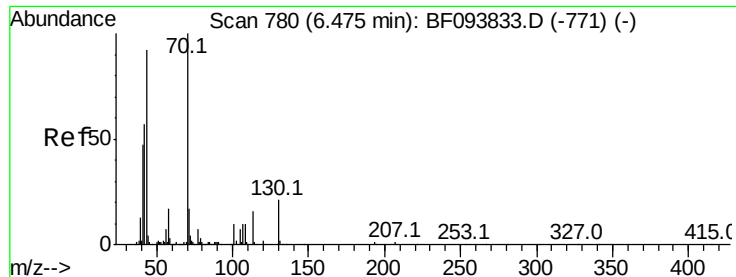


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 18.77 ng

RT: 6.49 min Scan# 783

Delta R.T. 0.15 min

Lab File: BF094326.D

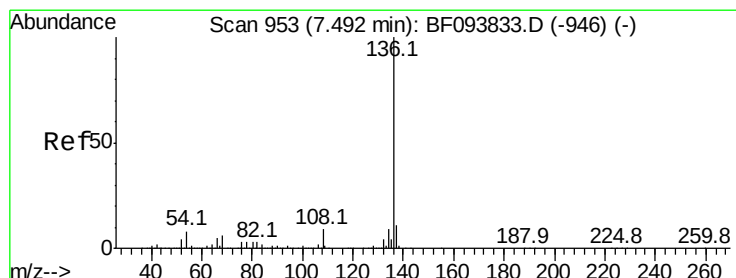
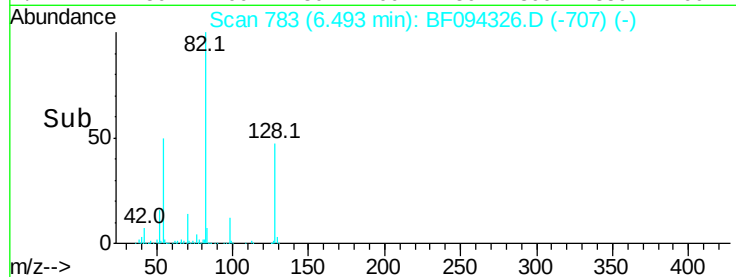
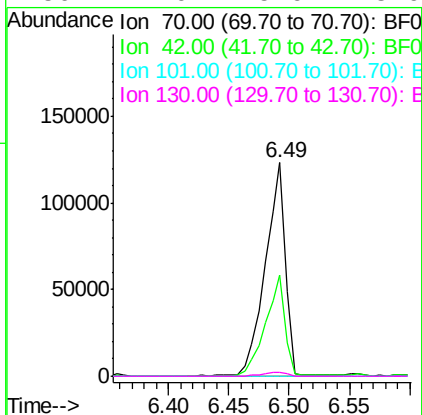
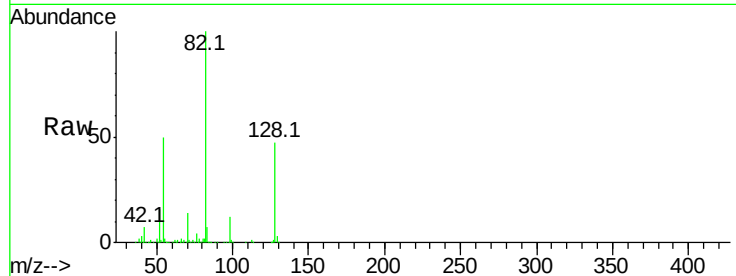
Acq: 10 Apr 2017 22:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	142944
Ion	Ratio	Lower	Upper
70	100		
42	47.2	47.2	70.8
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

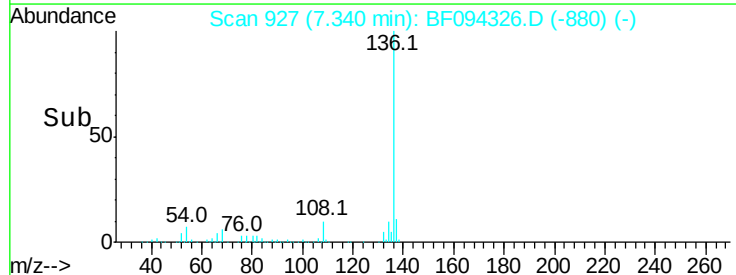
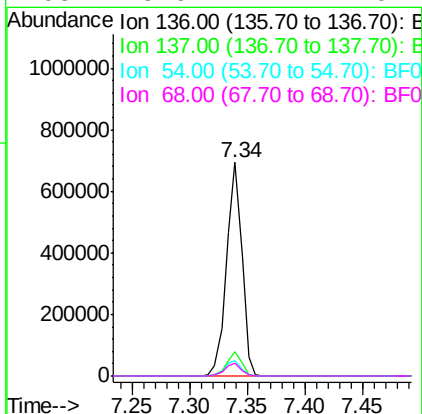
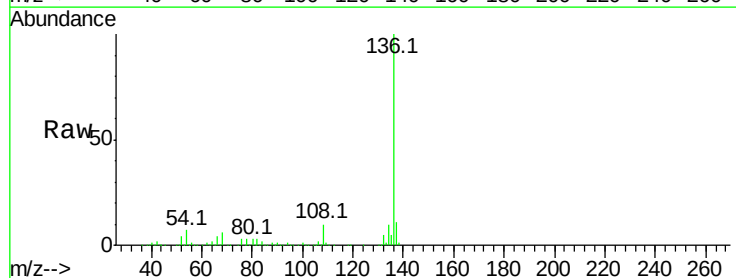
RT: 7.34 min Scan# 927

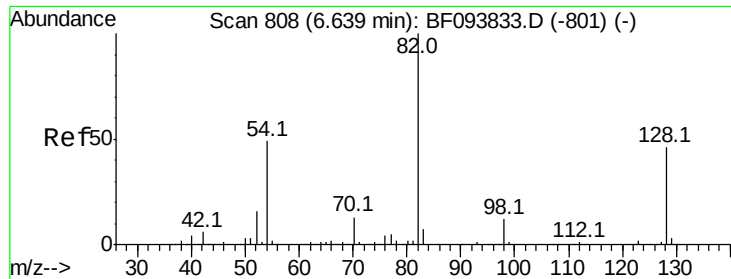
Delta R.T. -0.02 min

Lab File: BF094326.D

Acq: 10 Apr 2017 22:06

Tgt Ion:	136	Resp:	641025
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	7.3	4.9	7.3#
68	5.9	4.1	6.1

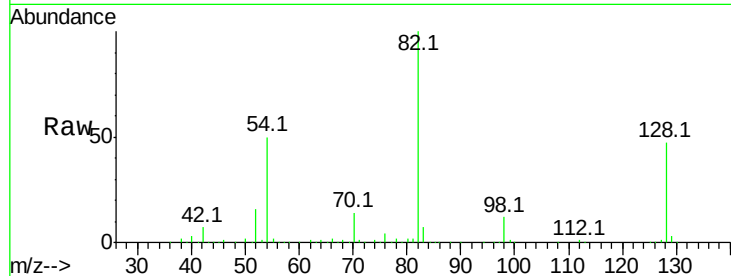




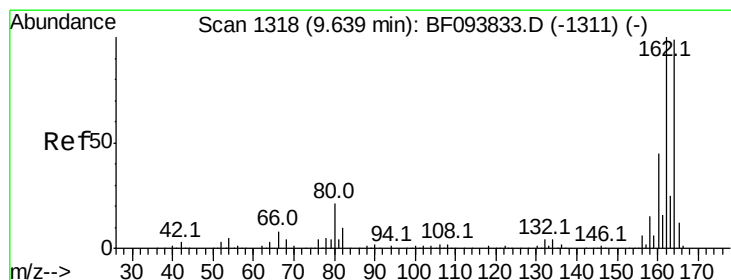
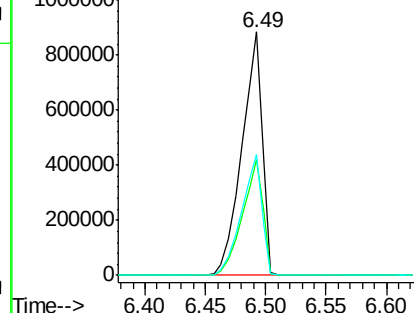
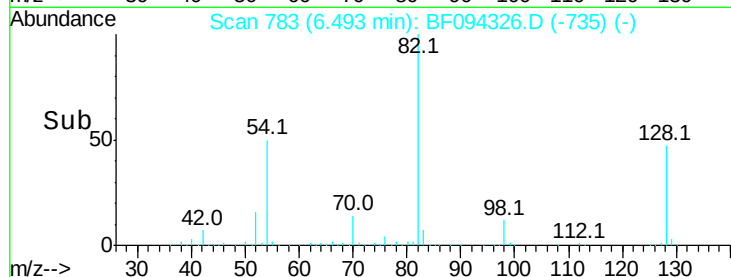
#23
 Nitrobenzene-d5
 Concen: 92.69 ng
 RT: 6.49 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF094326.D
 Acq: 10 Apr 2017 22:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1041105
 Ion Ratio Lower Upper
 82 100
 128 47.4 34.0 51.0
 54 49.7 42.2 63.2

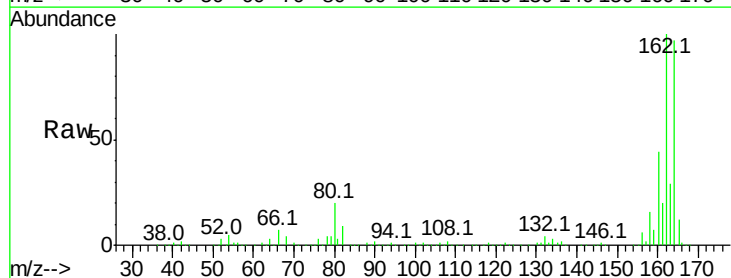


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

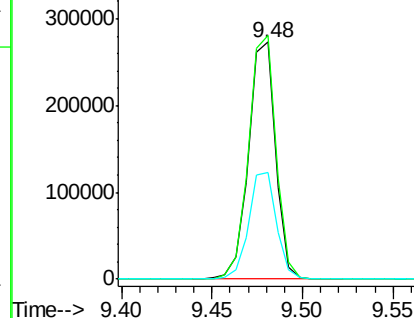
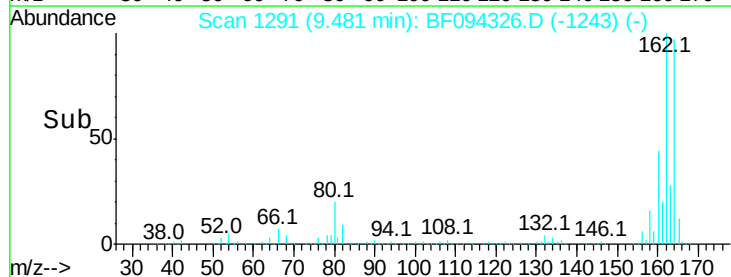


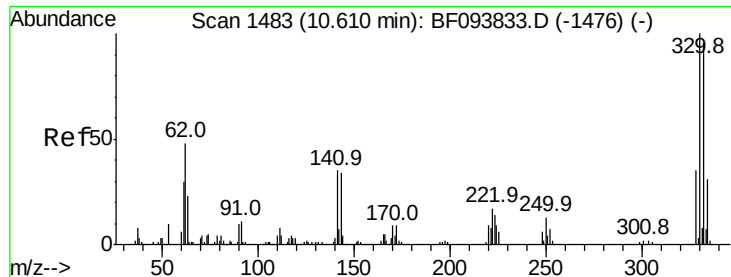
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.48 min Scan# 1291
 Delta R.T. -0.02 min
 Lab File: BF094326.D
 Acq: 10 Apr 2017 22:06

Tgt Ion:164 Resp: 281783
 Ion Ratio Lower Upper
 164 100
 162 102.9 82.6 123.8
 160 45.2 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

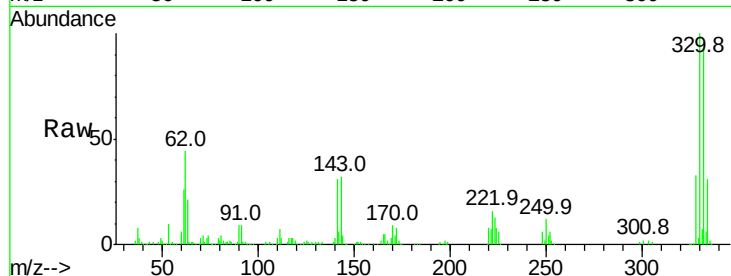




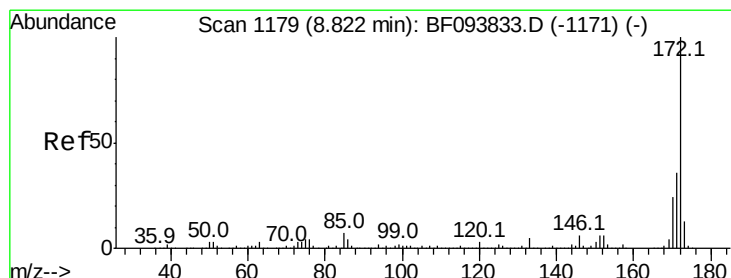
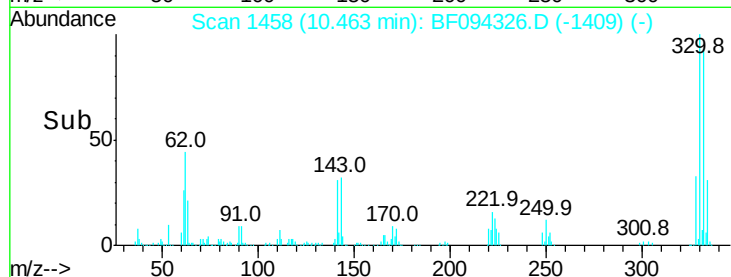
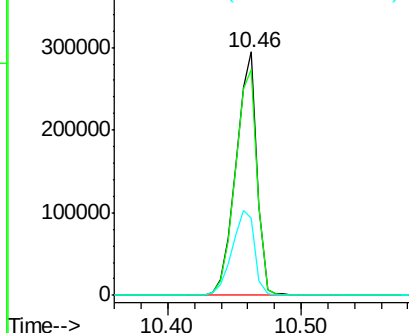
#41
 2,4,6-Tribromophenol
 Concen: 145.30 ng
 RT: 10.46 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF094326.D
 Acq: 10 Apr 2017 22:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	38.1	31.4	47.2

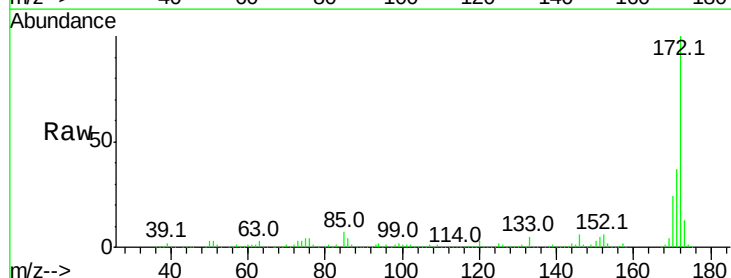


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

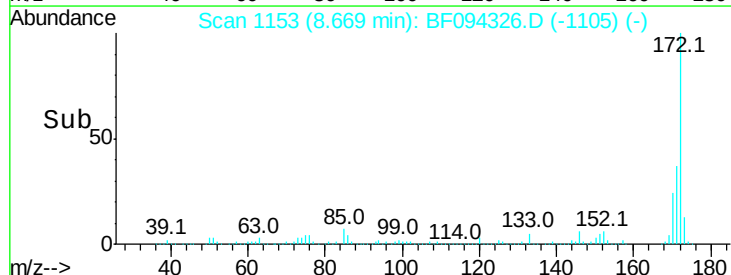
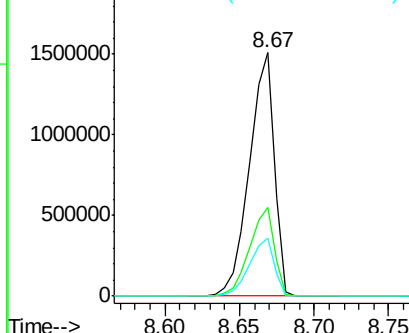


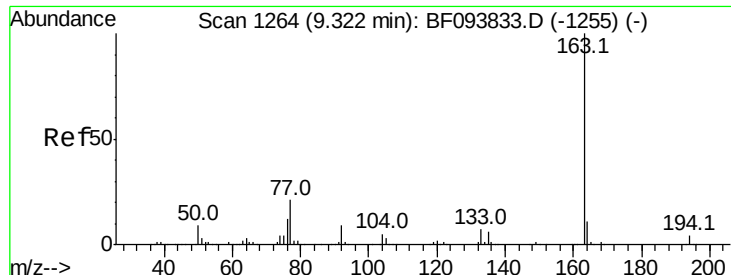
#44
 2-Fluorobiphenyl
 Concen: 93.44 ng
 RT: 8.67 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BF094326.D
 Acq: 10 Apr 2017 22:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.0	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

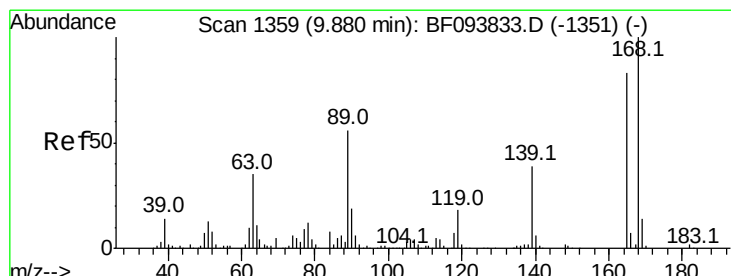
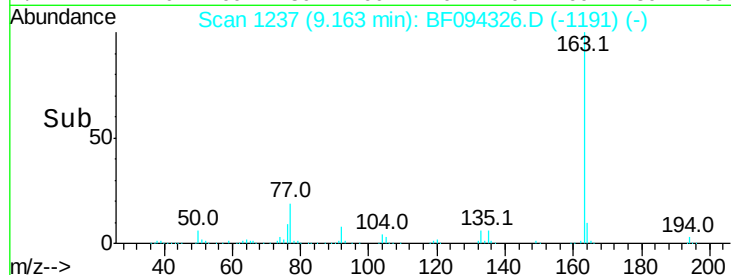
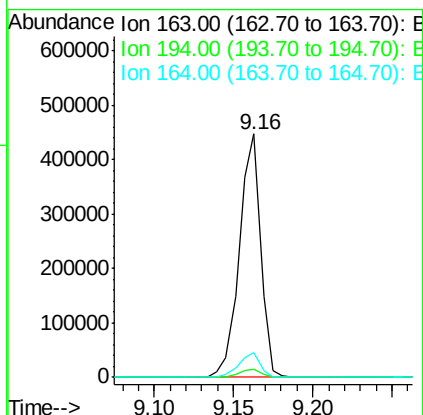
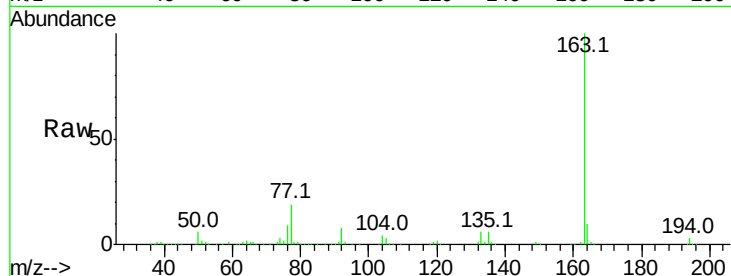




#49
Dimethylphthalate
Concen: 20.79 ng
RT: 9.16 min Scan# 1237
Delta R.T. -0.03 min
Lab File: BF094326.D
Acq: 10 Apr 2017 22:06

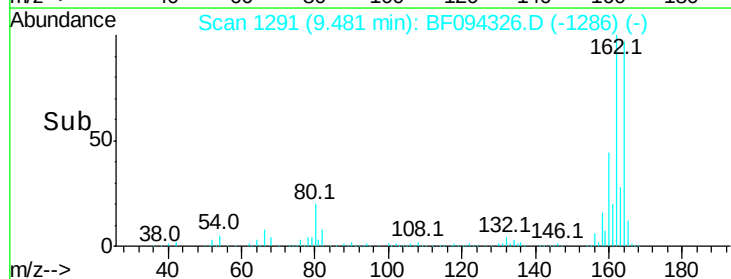
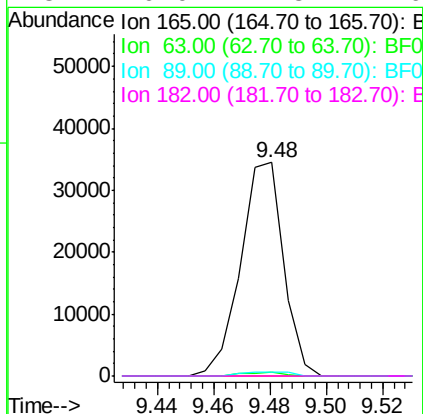
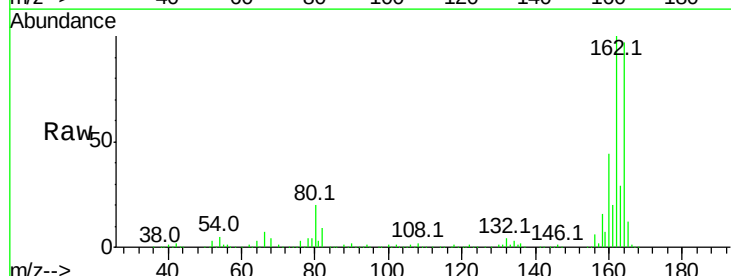
Instrument :
BNA_F
ClientSampleId :

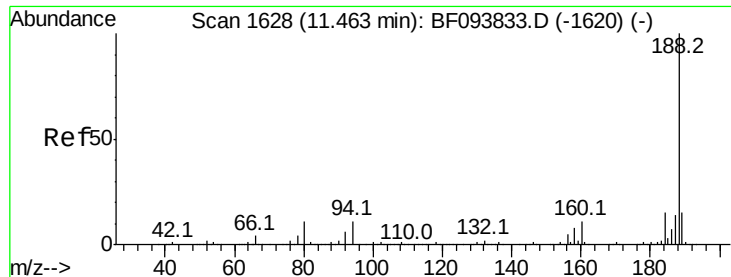
Tot Ion:163 Resp: 416446
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.1 8.4 12.6



#56
2,4-Dinitrotoluene
Concen: 6.30 ng
RT: 9.48 min Scan# 1291
Delta R.T. -0.27 min
Lab File: BF094326.D
Acq: 10 Apr 2017 22:06

Tgt Ion:165 Resp: 36351
Ion Ratio Lower Upper
165 100
63 1.5 25.4 38.0#
89 1.8 46.4 69.6#
182 0.0 1.8 2.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 1601

Delta R.T. -0.02 min

Lab File: BF094326.D

Acq: 10 Apr 2017 22:06

Instrument :

BNA_F

ClientSampleId :

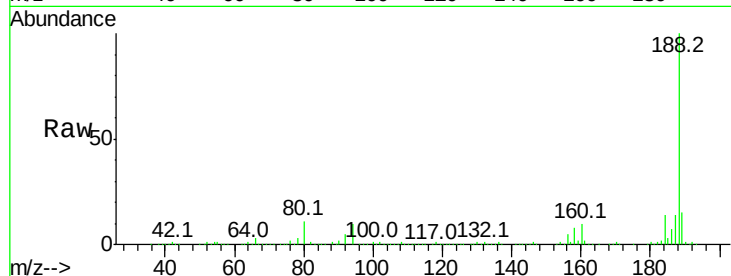
Tot Ion:188 Resp: 456981

Ion Ratio Lower Upper

188 100

94 9.8 9.4 14.2

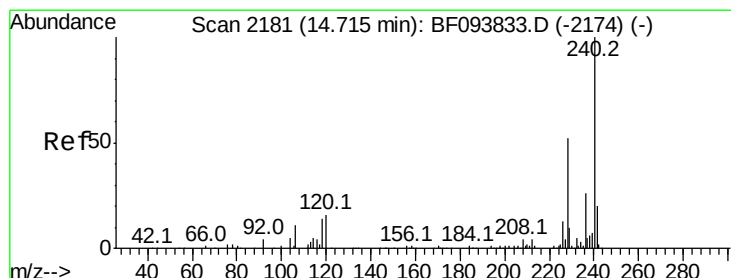
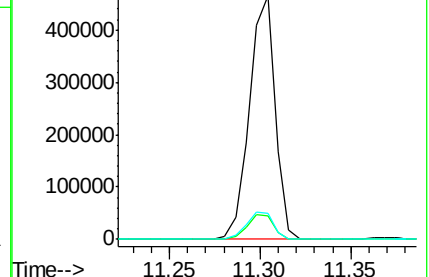
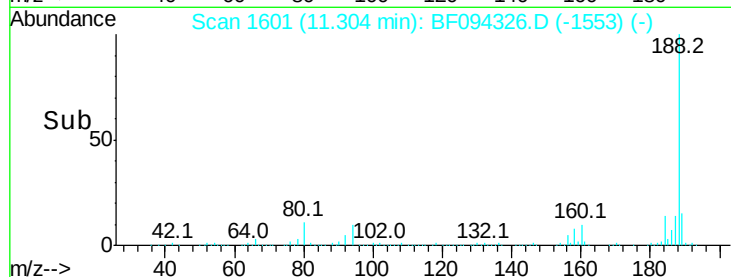
80 10.5 10.2 15.2



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: BF094326.D

Acq: 10 Apr 2017 22:06

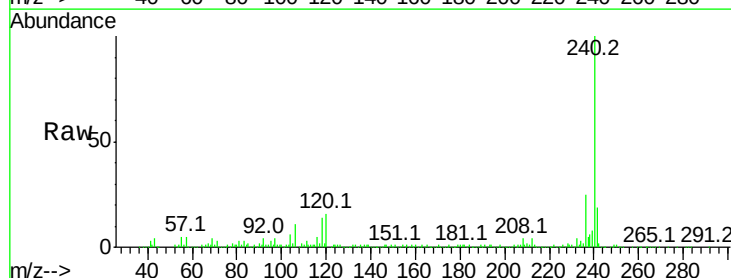
Tgt Ion:240 Resp: 314520

Ion Ratio Lower Upper

240 100

120 16.2 5.8 8.8#

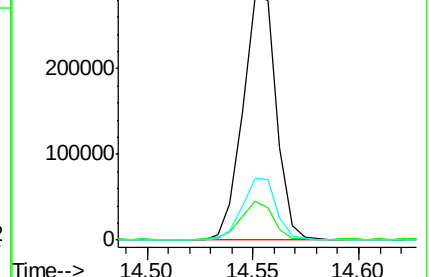
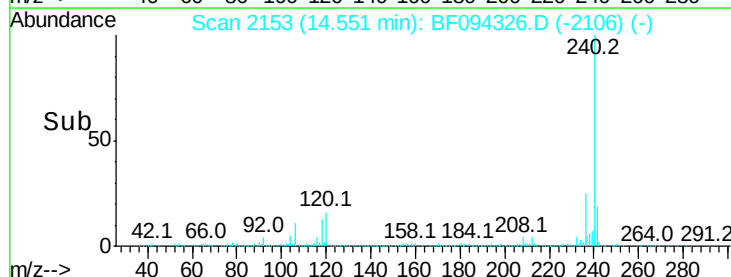
236 25.2 20.5 30.7

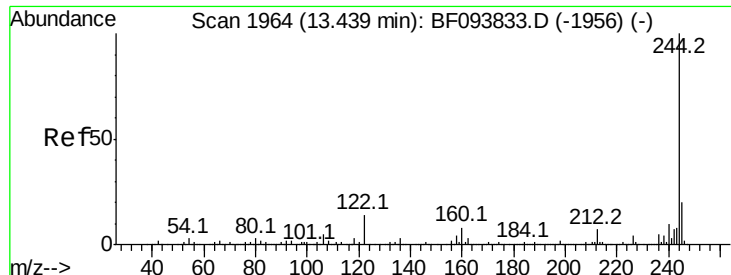


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 85.32 ng

RT: 13.29 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BF094326.D

Acq: 10 Apr 2017 22:06

Instrument :

BNA_F

ClientSampleId :

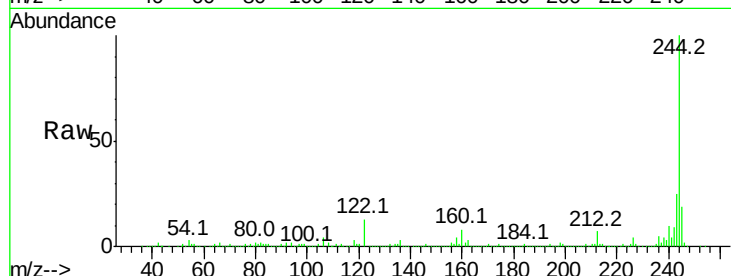
Tot Ion:244 Resp: 1197167

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

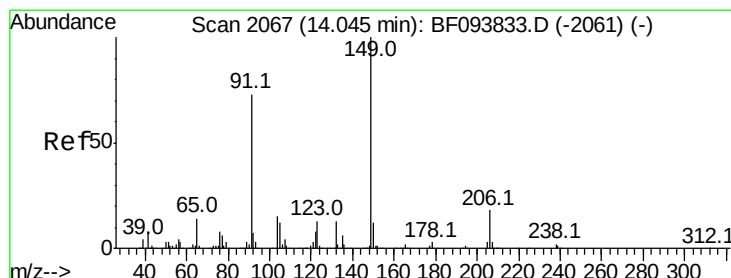
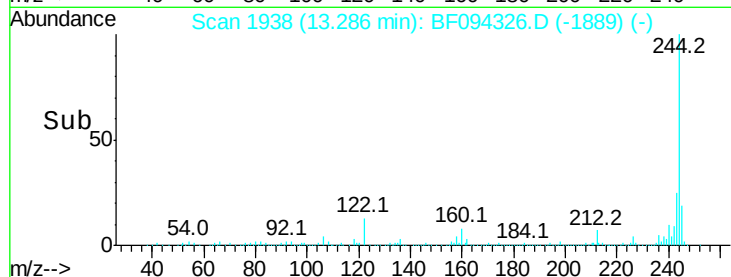
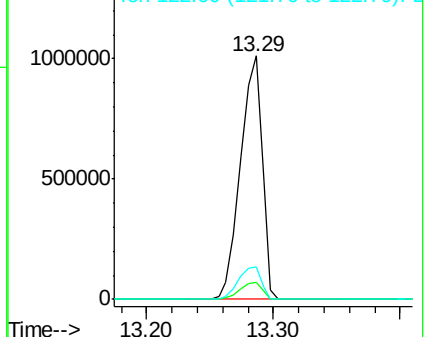
122 13.1 10.3 15.5



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



#79

Butylbenzylphthalate

Concen: 114.67 ng

RT: 13.90 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BF094326.D

Acq: 10 Apr 2017 22:06

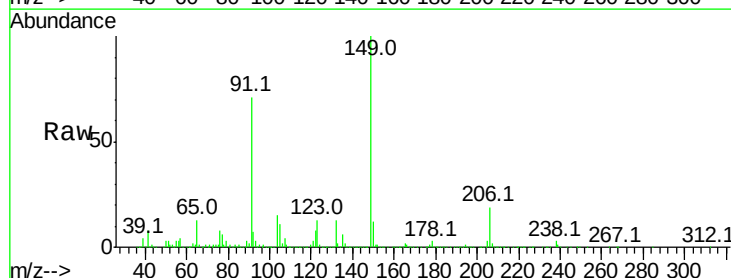
Tgt Ion:149 Resp: 1115275

Ion Ratio Lower Upper

149 100

91 70.8 45.0 67.4#

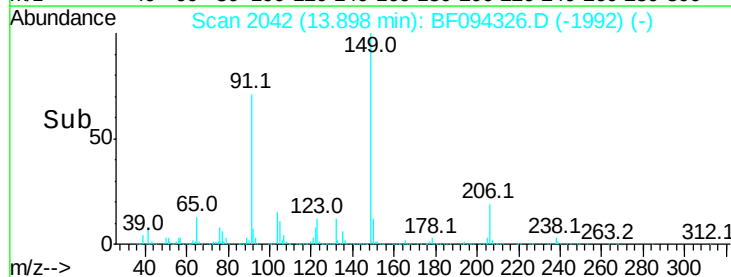
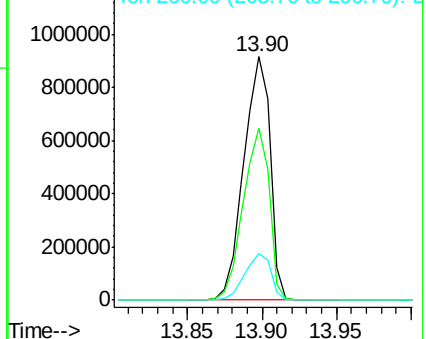
206 18.9 17.0 25.6

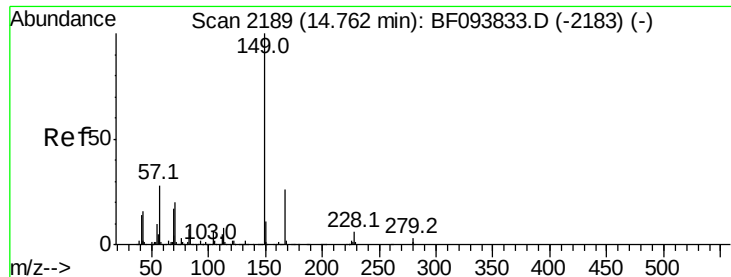


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

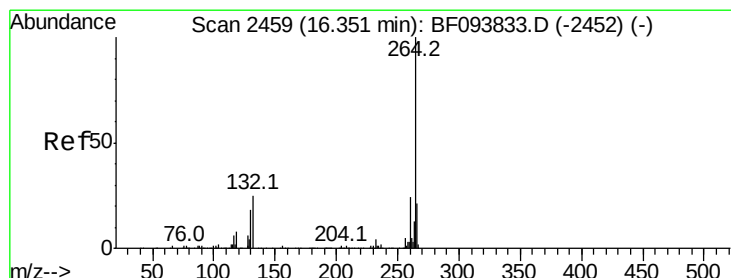
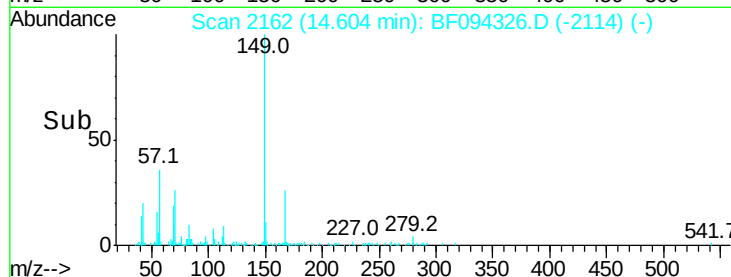
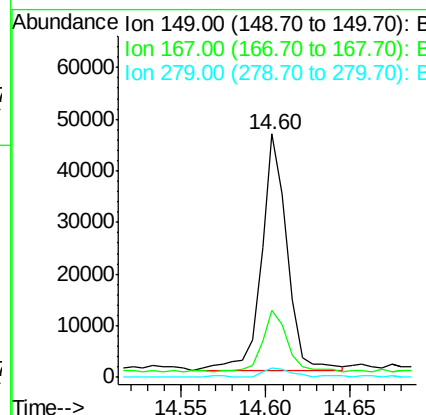
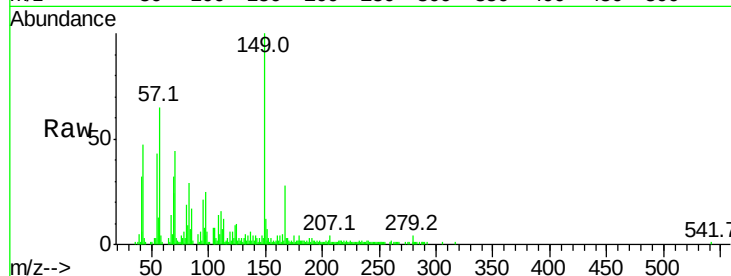




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.61 ng
 RT: 14.60 min Scan# 2162
 Delta R.T. -0.02 min
 Lab File: BF094326.D
 Acq: 10 Apr 2017 22:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 47934
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.0 31.4
 279 3.7 1.9 2.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.18 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BF094326.D
 Acq: 10 Apr 2017 22:06

Tgt Ion:264 Resp: 259173
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 21.3 17.2 25.8

