

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
 Data File : BF095761.D
 Acq On : 7 Jun 2017 23:15
 Operator : SJ/MA
 Sample : I3488-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 08 04:09:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

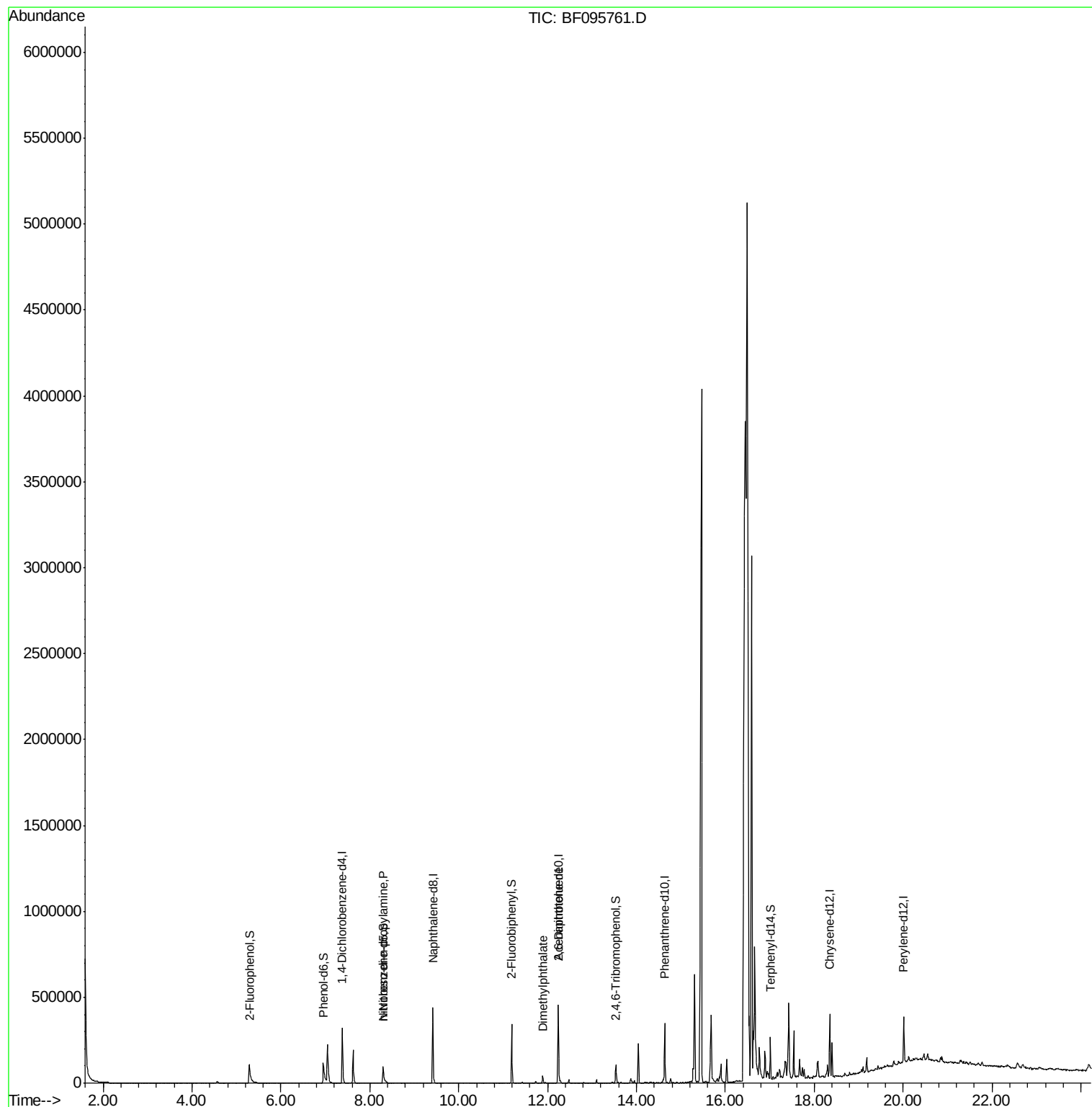
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	77535	20.00	ng	-0.02
21) Naphthalene-d8	9.42	136	294246	20.00	ng	-0.02
38) Acenaphthene-d10	12.24	164	118403	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	175778	20.00	ng	-0.01
75) Chrysene-d12	18.35	240	146682	20.00	ng	0.00
86) Perylene-d12	20.01	264	103140	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	104794	21.54	ng	0.00
7) Phenol-d6	6.95	99	128919	22.13	ng	0.00
23) Nitrobenzene-d5	8.30	82	68613	14.48	ng	-0.02
41) 2,4,6-Tribromophenol	13.53	330	19815	18.91	ng	-0.02
44) 2-Fluorobiphenyl	11.19	172	144439	16.98	ng	-0.02
78) Terphenyl-d14	17.02	244	88164	14.92	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.30	70	8421	2.28	ng	# 72
49) Dimethylphthalate	11.89	163	26272	2.92	ng	# 94
50) 2,6-Dinitrotoluene	12.24	165	15089	7.69	ng	# 31

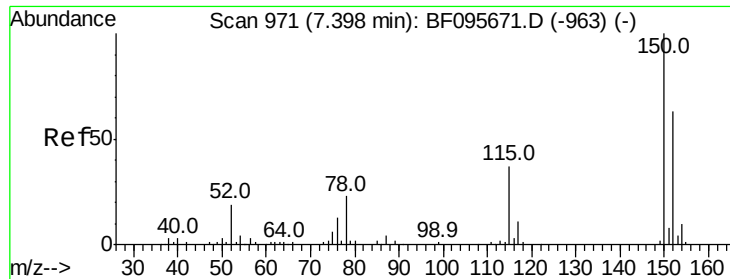
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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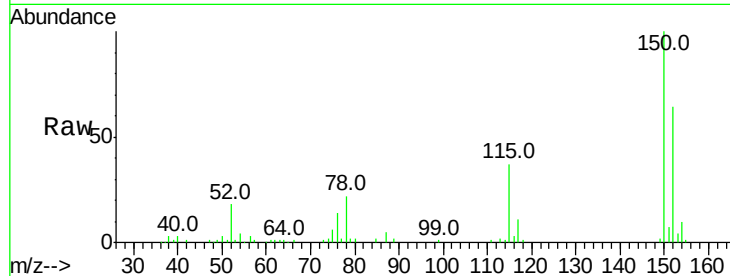


#1

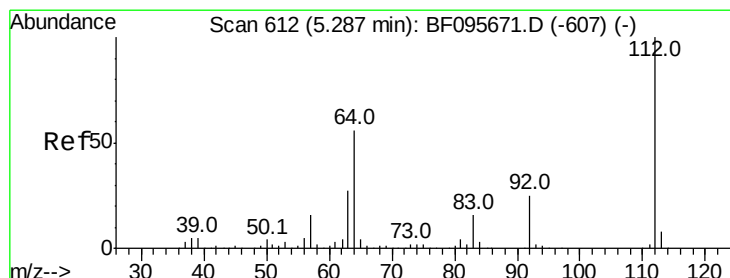
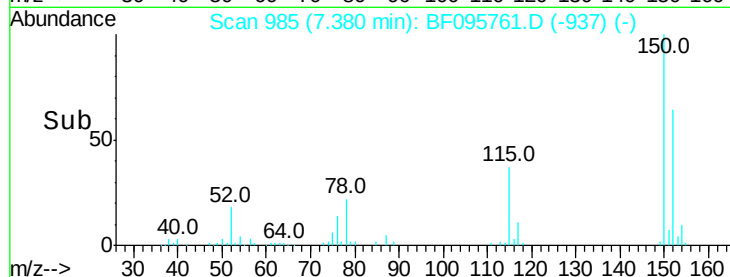
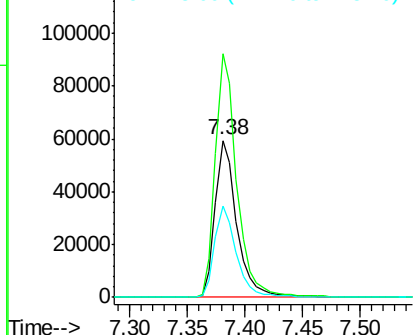
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF095761.D
Acq: 7 Jun 2017 23:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 77535
Ion Ratio Lower Upper
152 100
150 155.2 126.2 189.2
115 58.1 52.2 78.2



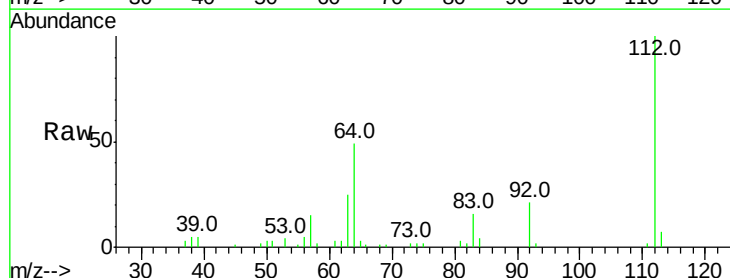
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



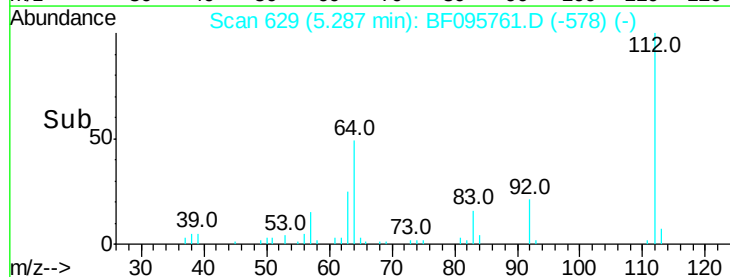
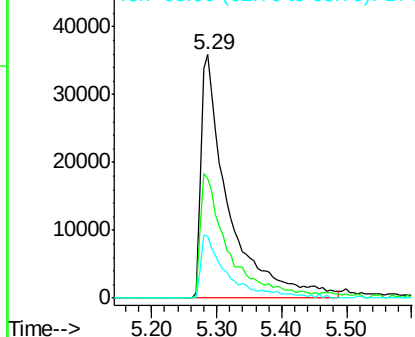
#5

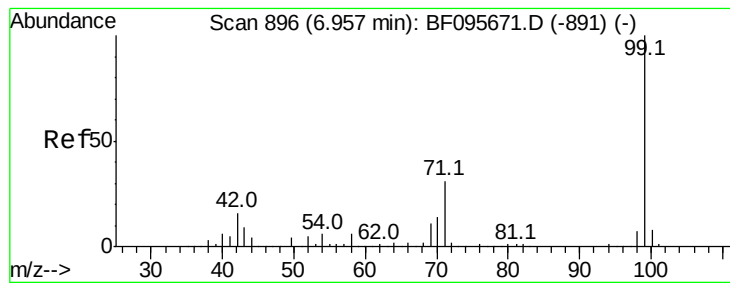
2-Fluorophenol
Concen: 21.54 ng
RT: 5.29 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF095761.D
Acq: 7 Jun 2017 23:15

Tgt Ion:112 Resp: 104794
Ion Ratio Lower Upper
112 100
64 49.1 46.0 69.0
63 25.2 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: 22.13 ng

RT: 6.95 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095761.D

Acq: 7 Jun 2017 23:15

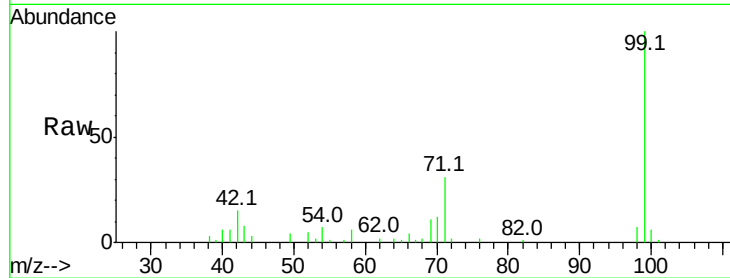
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 128919

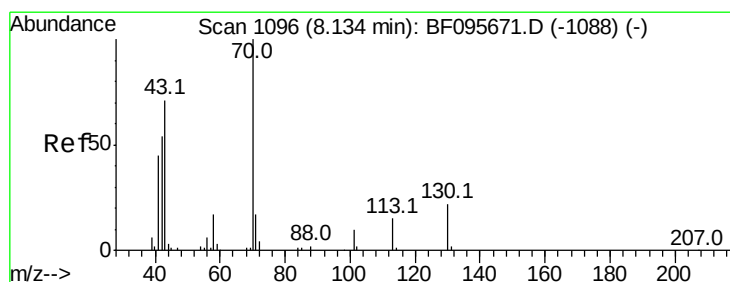
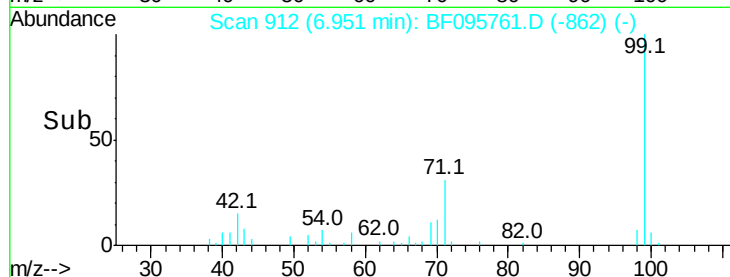
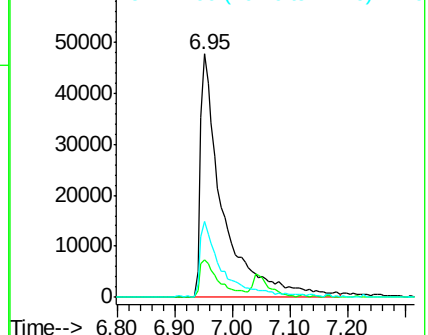
Ion	Ratio	Lower	Upper
99	100		
42	15.2	13.5	20.3
71	31.4	24.5	36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 2.28 ng

RT: 8.30 min Scan# 1141

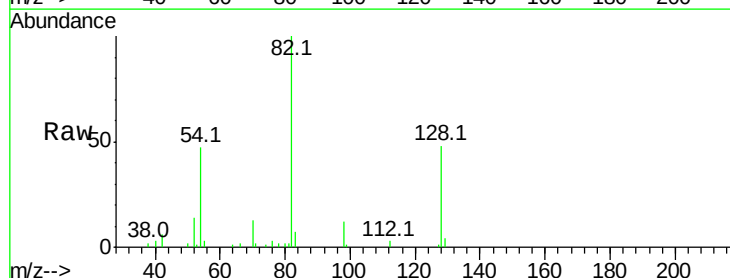
Delta R.T. 0.16 min

Lab File: BF095761.D

Acq: 7 Jun 2017 23:15

Tgt Ion: 70 Resp: 8421

Ion	Ratio	Lower	Upper
70	100		
42	41.1	47.2	70.8#
101	0.0	7.2	10.8#
130	0.0	15.9	23.9#

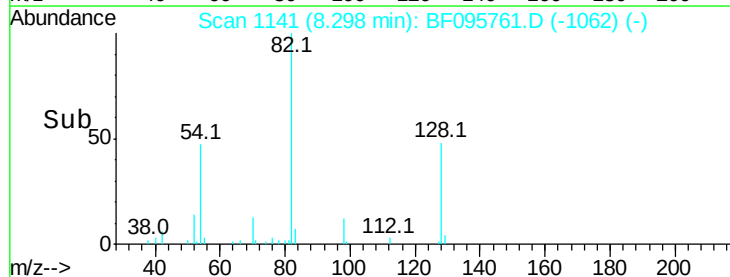
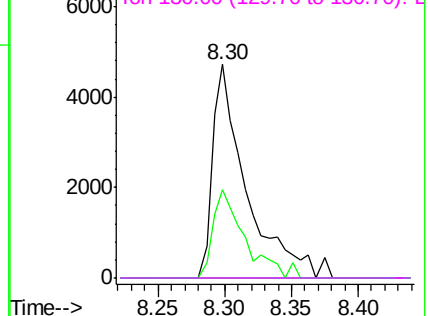


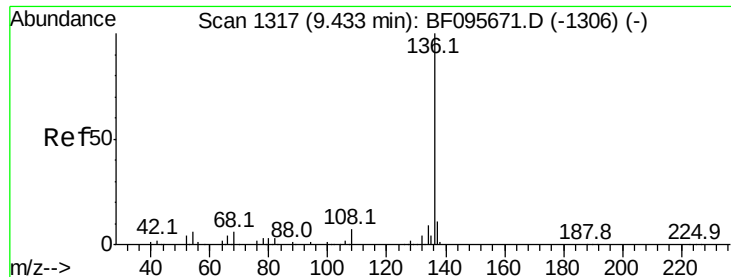
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

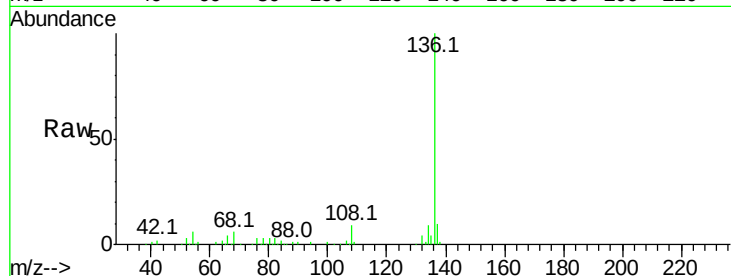




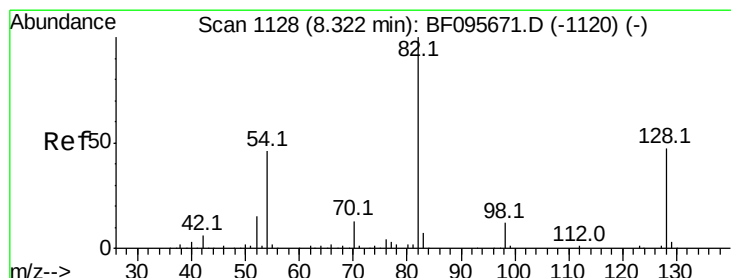
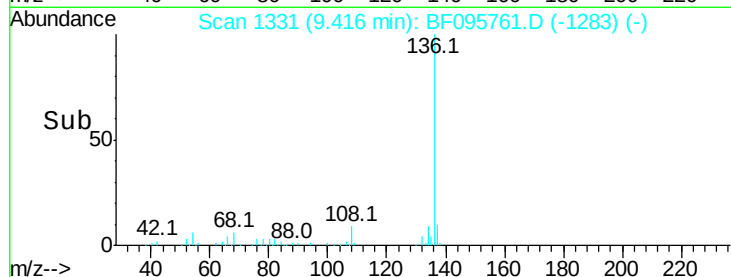
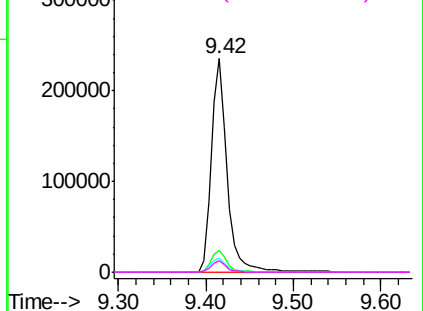
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.42 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF095761.D
Acq: 7 Jun 2017 23:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	294246
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.5 12.7
54	6.3	4.9 7.3
68	5.6	4.1 6.1

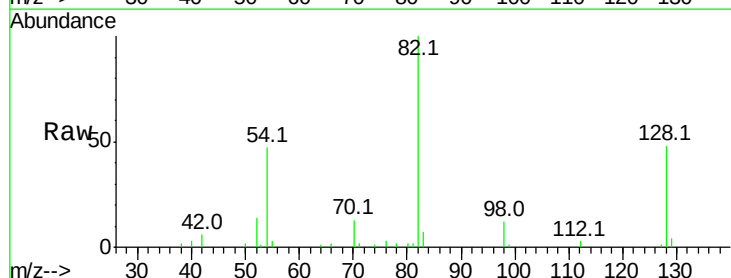


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

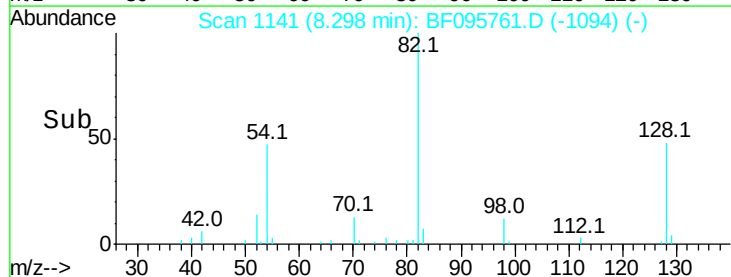
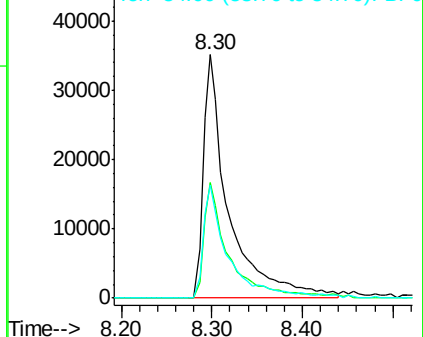


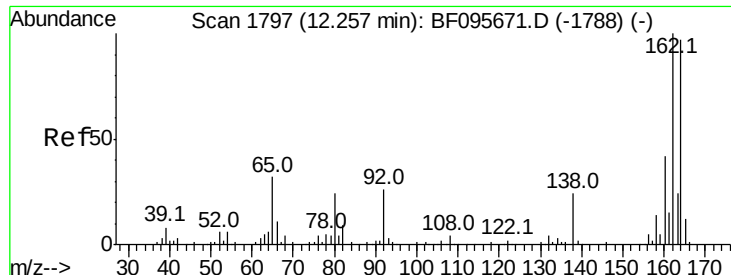
#23
Nitrobenzene-d5
Concen: 14.48 ng
RT: 8.30 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF095761.D
Acq: 7 Jun 2017 23:15

Tgt Ion: 82	Resp:	68613
Ion Ratio	Lower	Upper
82	100	
128	47.6	34.0 51.0
54	46.5	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

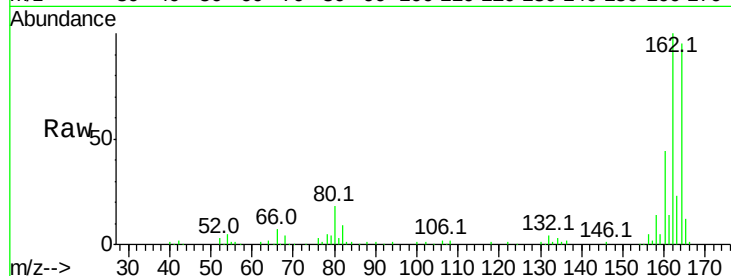




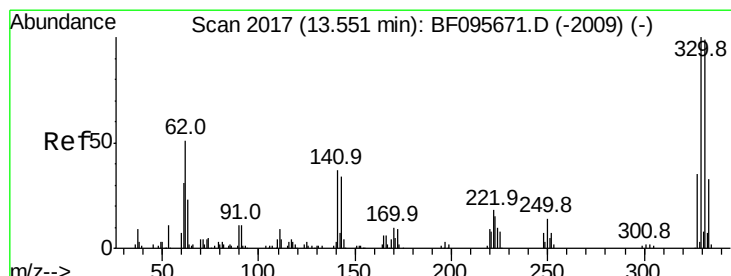
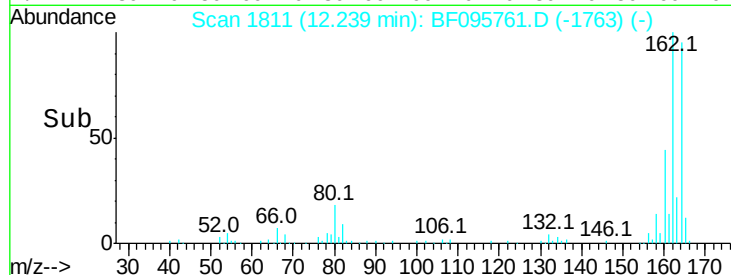
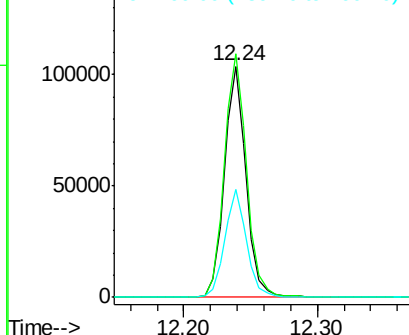
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.24 min Scan# 1811
 Delta R.T. -0.02 min
 Lab File: BF095761.D
 Acq: 7 Jun 2017 23:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 118403
 Ion Ratio Lower Upper
 164 100
 162 105.2 82.6 123.8
 160 46.6 36.2 54.2

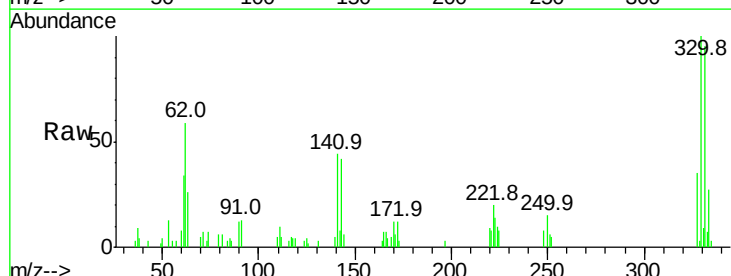


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

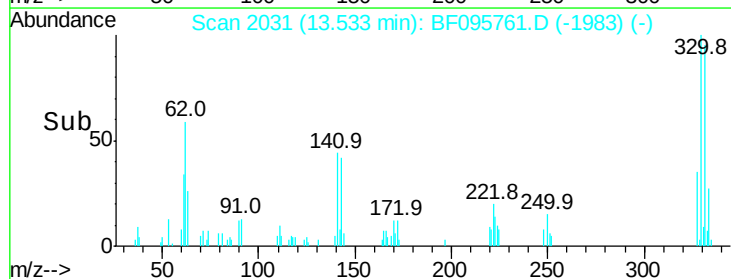
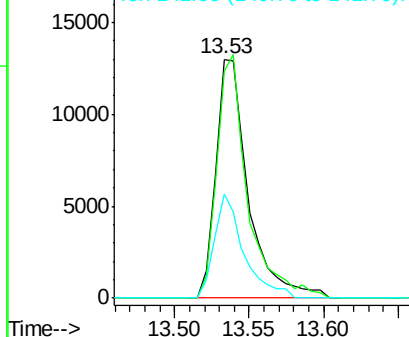


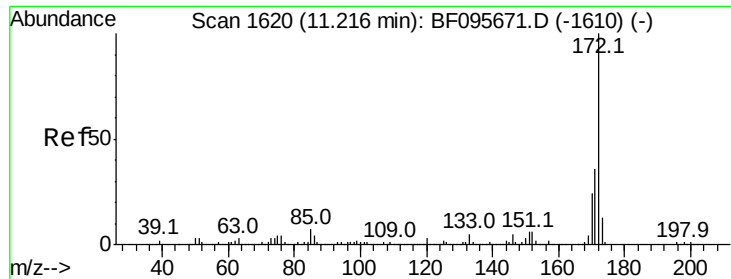
#41
 2,4,6-Tribromophenol
 Concen: 18.91 ng
 RT: 13.53 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF095761.D
 Acq: 7 Jun 2017 23:15

Tgt Ion:330 Resp: 19815
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 115.0
 141 39.1 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

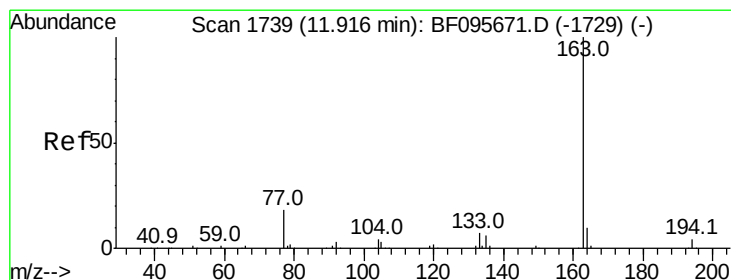
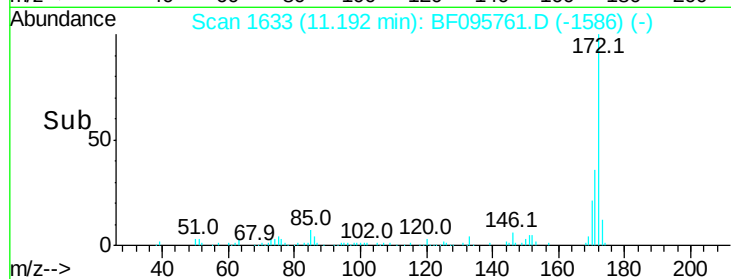
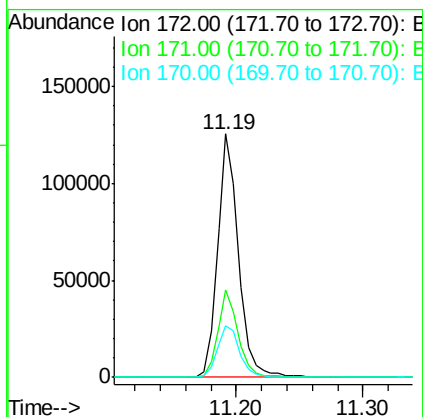
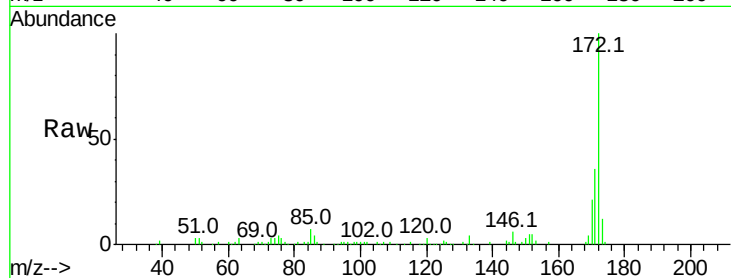




#44
2-Fluorobiphenyl
Concen: 16.98 ng
RT: 11.19 min Scan# 1633
Delta R.T. -0.02 min
Lab File: BF095761.D
Acq: 7 Jun 2017 23:15

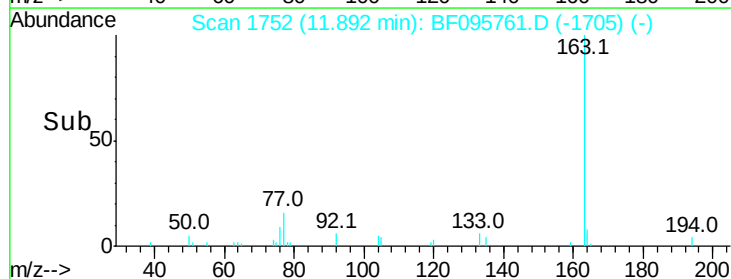
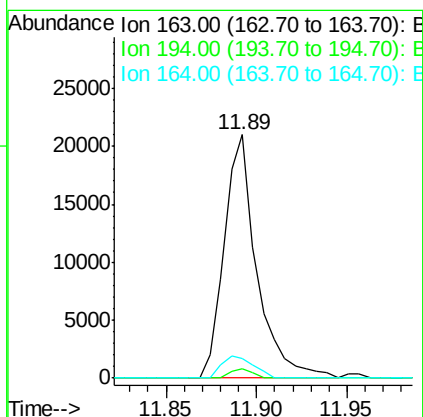
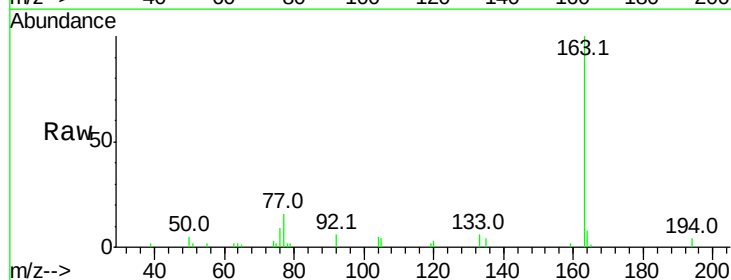
Instrument :
BNA_F
ClientSampleId :

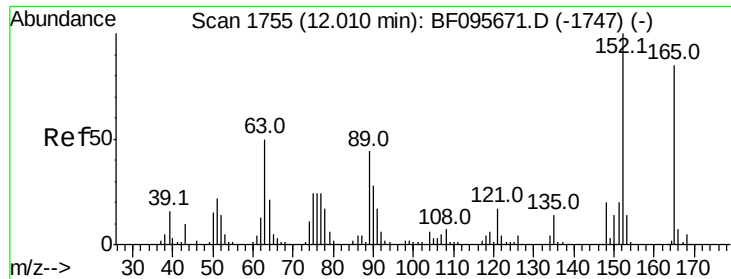
Tot Ion:172 Resp: 144439
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 21.3 19.8 29.8



#49
Dimethylphthalate
Concen: 2.92 ng
RT: 11.89 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BF095761.D
Acq: 7 Jun 2017 23:15

Tgt Ion:163 Resp: 26272
Ion Ratio Lower Upper
163 100
194 3.9 2.6 4.0
164 7.8 8.4 12.6#

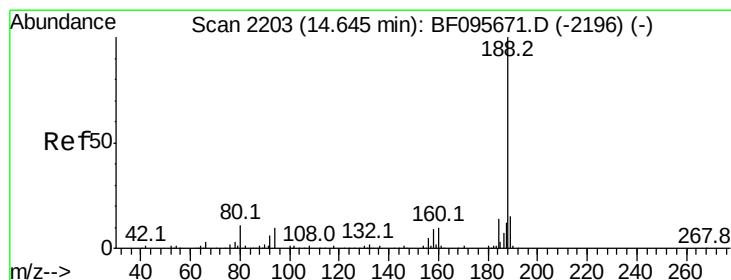
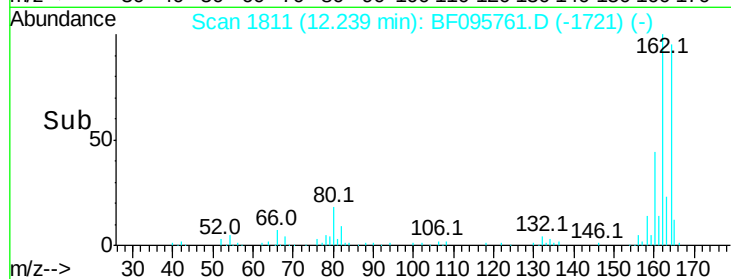
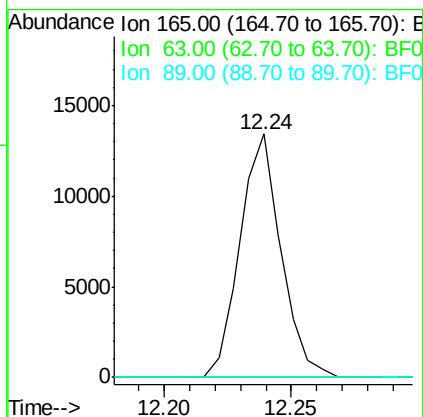
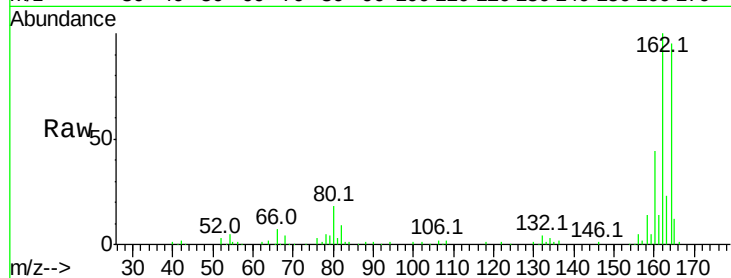




#50
 2,6-Dinitrotoluene
 Concen: 7.69 ng
 RT: 12.24 min Scan# 1811
 Delta R.T. 0.23 min
 Lab File: BF095761.D
 Acq: 7 Jun 2017 23:15

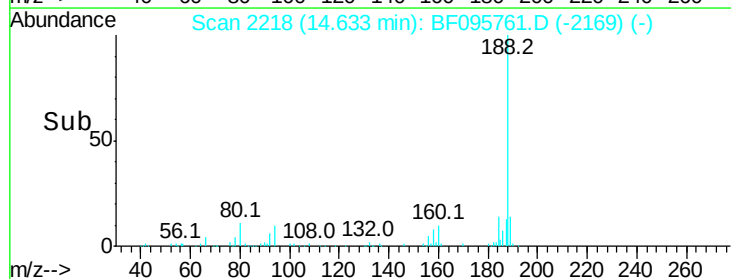
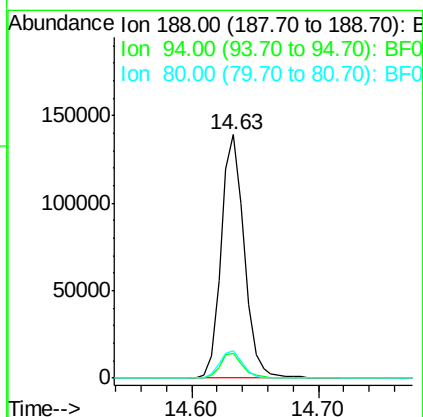
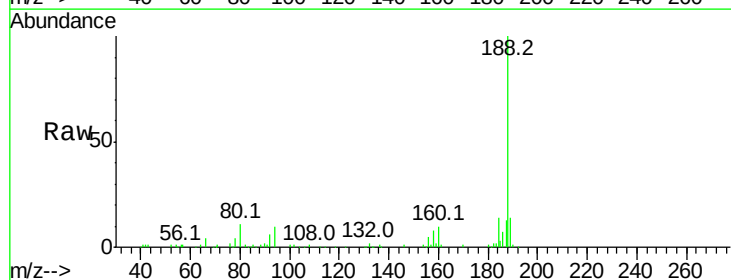
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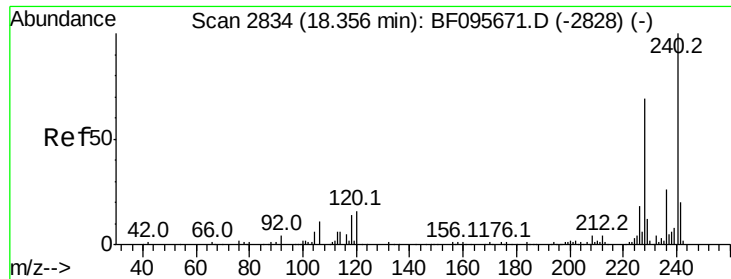
Tot Ion:165 Resp: 15089
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.63 min Scan# 2218
 Delta R.T. -0.01 min
 Lab File: BF095761.D
 Acq: 7 Jun 2017 23:15

Tgt Ion:188 Resp: 175778
 Ion Ratio Lower Upper
 188 100
 94 10.3 9.4 14.2
 80 11.3 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.35 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BF095761.D

Acq: 7 Jun 2017 23:15

Instrument :

BNA_F

ClientSampleId :

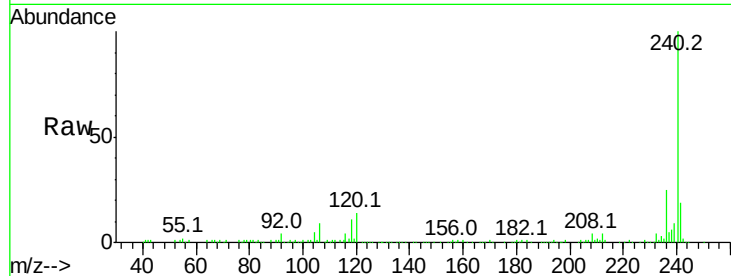
Tot Ion:240 Resp: 146682

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

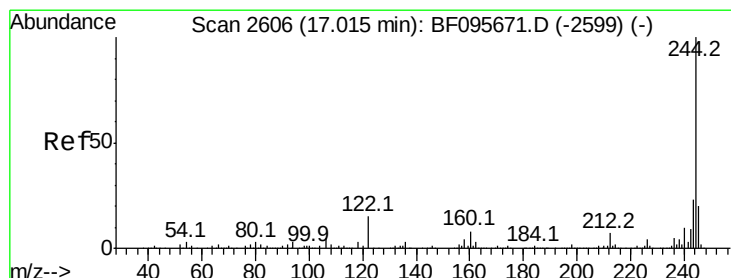
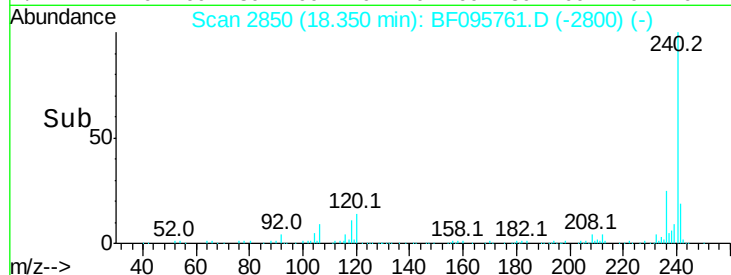
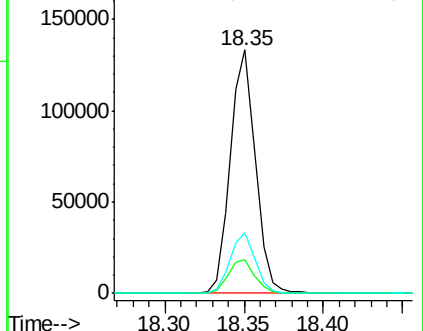
236 24.8 20.5 30.7



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: 14.92 ng

RT: 17.02 min Scan# 2623

Delta R.T. -0.00 min

Lab File: BF095761.D

Acq: 7 Jun 2017 23:15

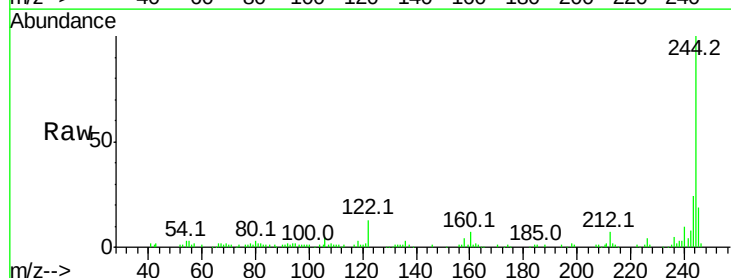
Tgt Ion:244 Resp: 88164

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

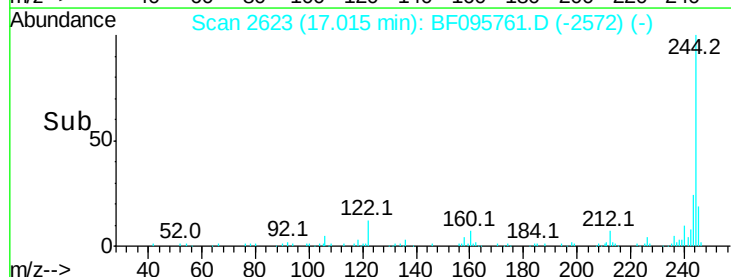
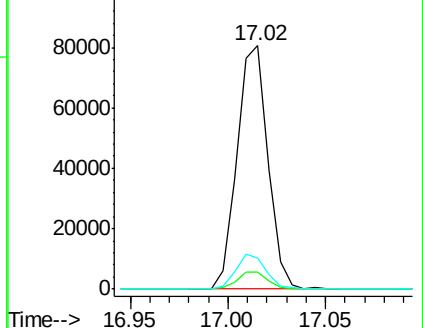
122 12.7 10.3 15.5

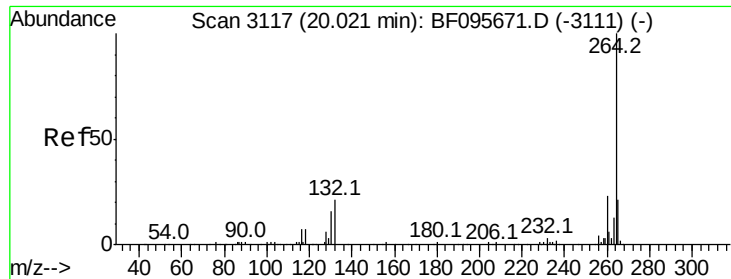


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.01 min Scan# 3133
 Delta R.T. -0.01 min
 Lab File: BF095761.D
 Acq: 7 Jun 2017 23:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	22.0	17.2	25.8

