

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099293.D
 Acq On : 10 Oct 2017 11:30
 Operator : SJ/JU
 Sample : I5651-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 16:05:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

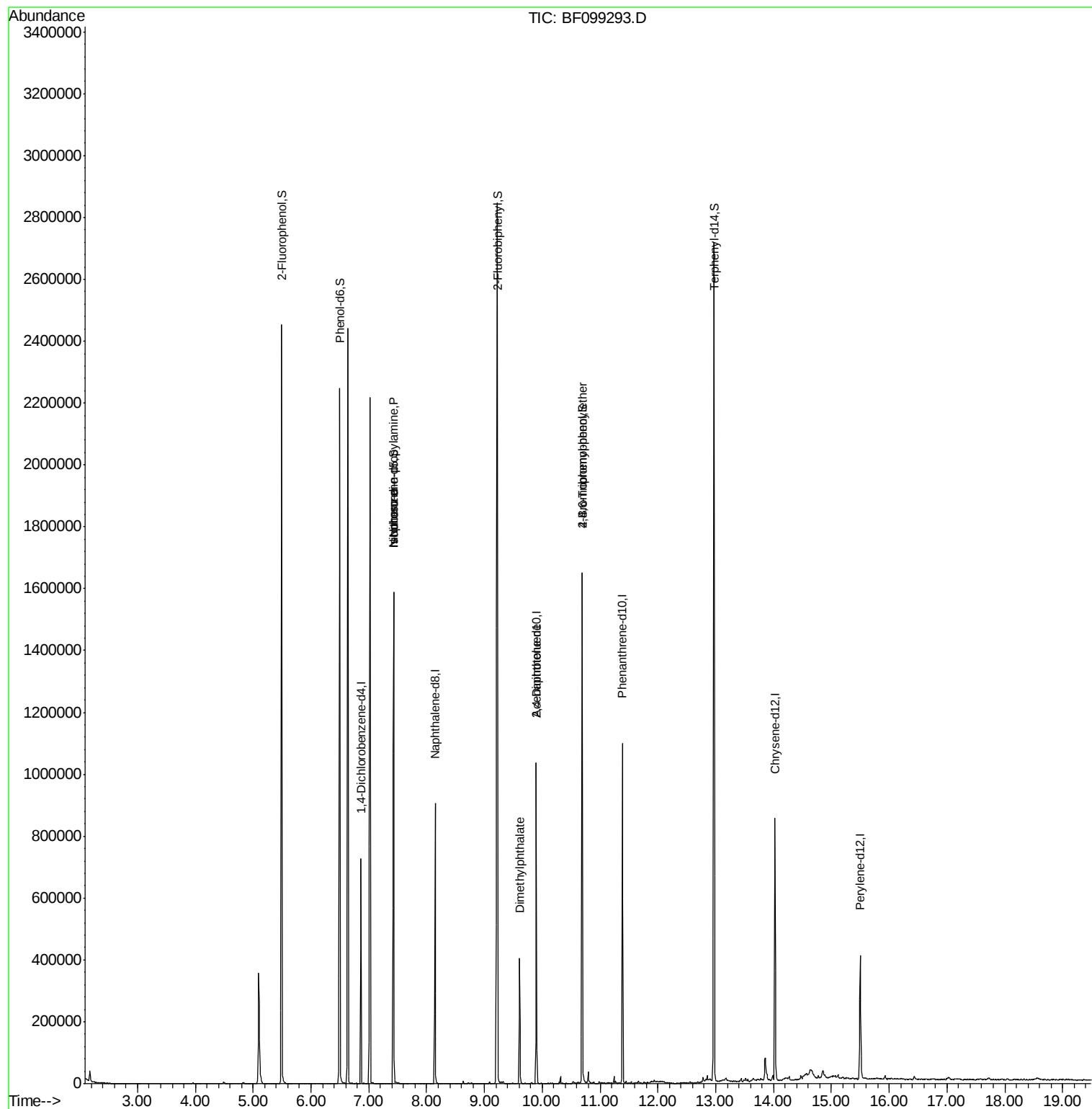
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	100813	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	416788	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	194579	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	363903	20.00	ng	0.00
75) Chrysene-d12	14.03	240	272593	20.00	ng	0.00
86) Perylene-d12	15.50	264	192264	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	792865	125.20	ng	0.01
7) Phenol-d6	6.50	99	975839	124.91	ng	0.00
23) Nitrobenzene-d5	7.43	82	580456	89.31	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	210874	132.44	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1036042	88.89	ng	0.00
78) Terphenyl-d14	12.97	244	945057	78.84	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	74336	14.903	ng	# 75
25) Isophorone	7.43	82	580538	43.205	ng	# 64
49) Dimethylphthalate	9.61	163	155564	10.593	ng	98
56) 2,4-Dinitrotoluene	9.90	165	24471	5.898	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	14062	3.948	ng	# 1

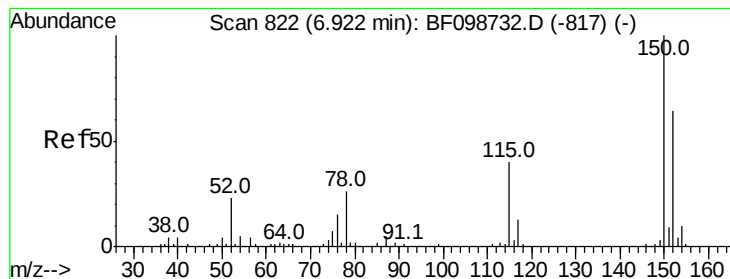
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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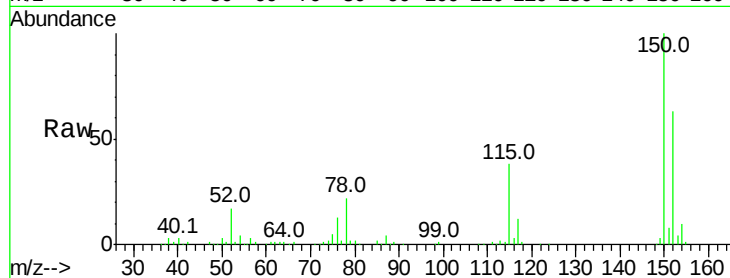


#1

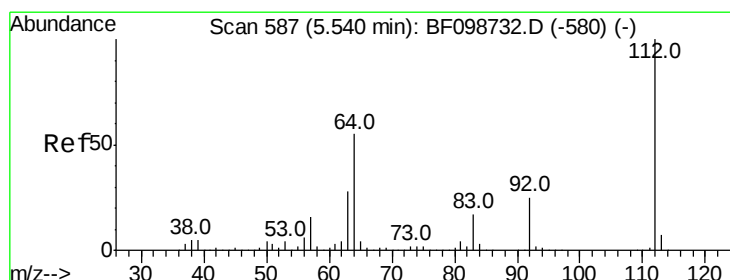
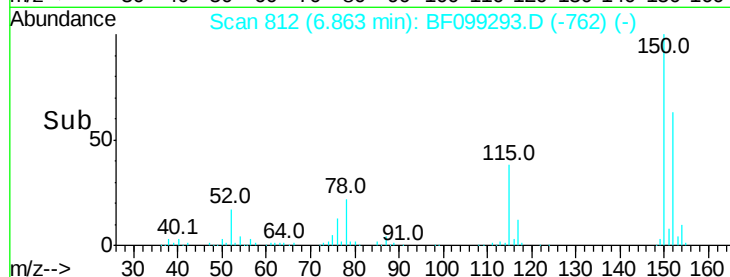
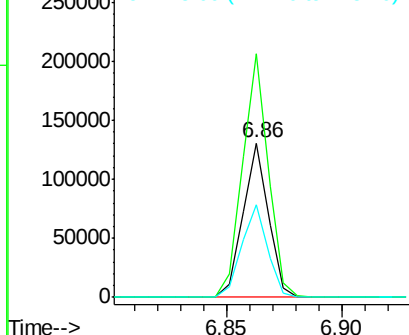
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099293.D
 Acq: 10 Oct 2017 11:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 100813
 Ion Ratio Lower Upper
 152 100
 150 157.7 124.6 186.8
 115 60.4 50.1 75.1



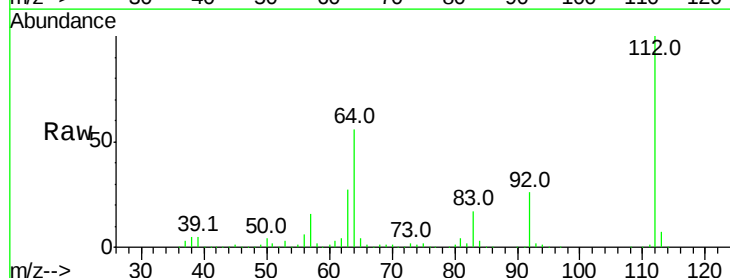
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



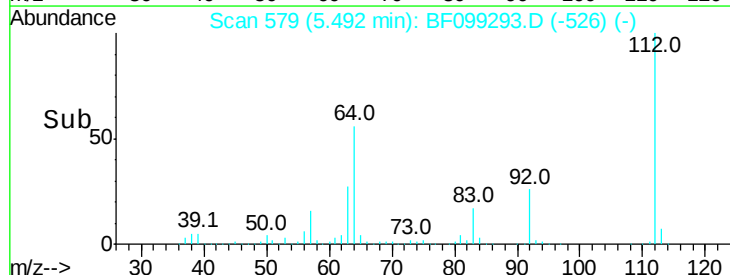
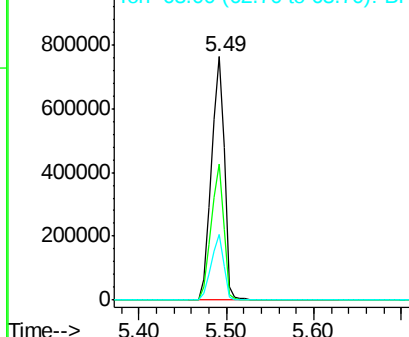
#5

2-Fluorophenol
 Concen: 125.198 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: BF099293.D
 Acq: 10 Oct 2017 11:30

Tgt Ion:112 Resp: 792865
 Ion Ratio Lower Upper
 112 100
 64 55.9 47.9 71.9
 63 26.9 23.7 35.5



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: 124.910 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099293.D

Acq: 10 Oct 2017 11:30

Instrument :

BNA_F

ClientSampled :

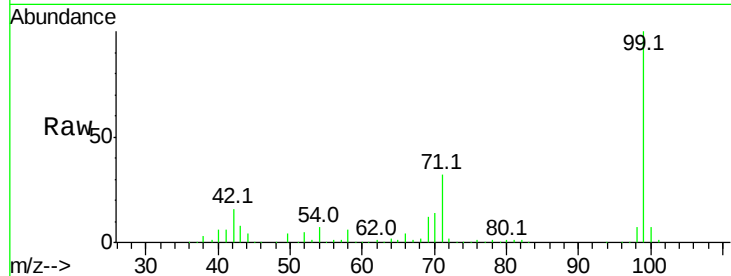
Tot Ion: 99 Resp: 975839

Ion Ratio Lower Upper

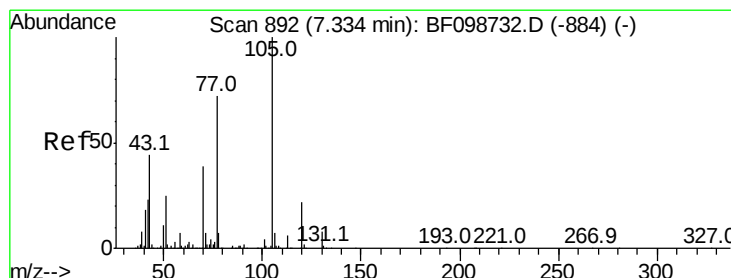
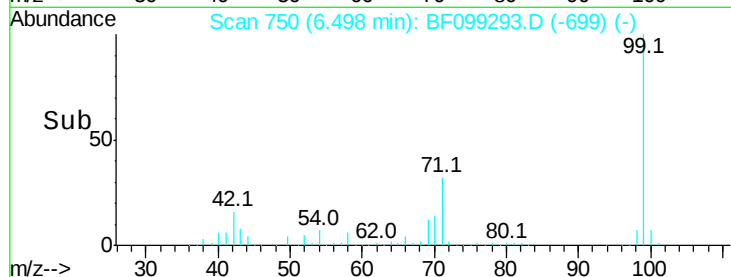
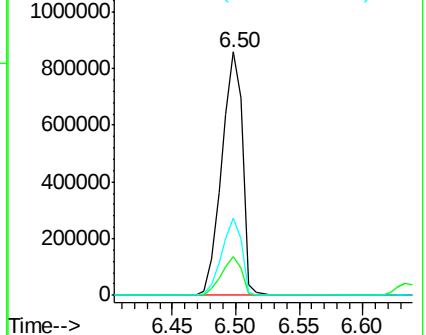
99 100

42 15.7 14.5 21.7

71 31.7 25.4 38.0



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: 14.903 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF099293.D

Acq: 10 Oct 2017 11:30

Tgt Ion: 70 Resp: 74336

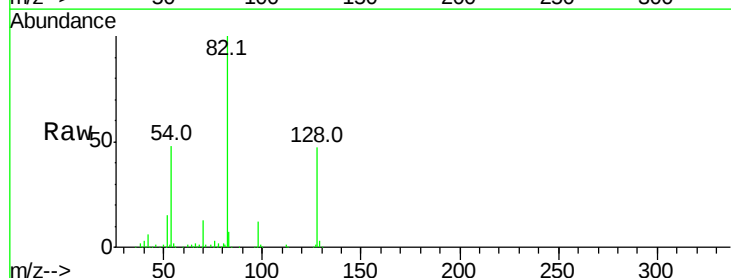
Ion Ratio Lower Upper

70 100

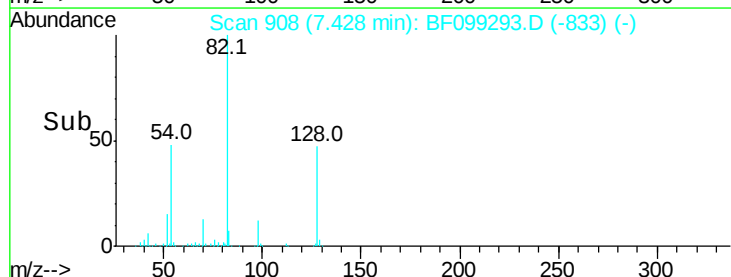
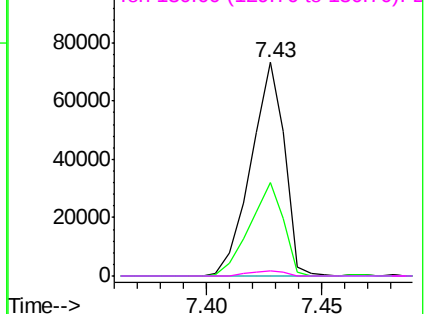
42 44.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#



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

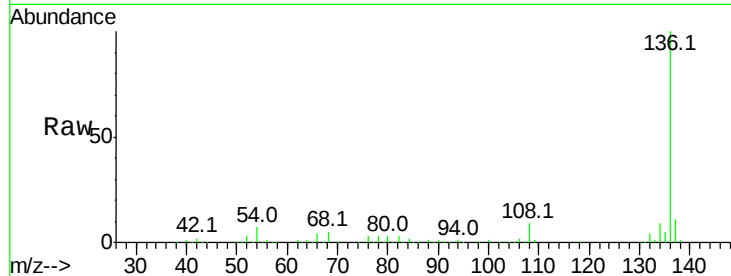




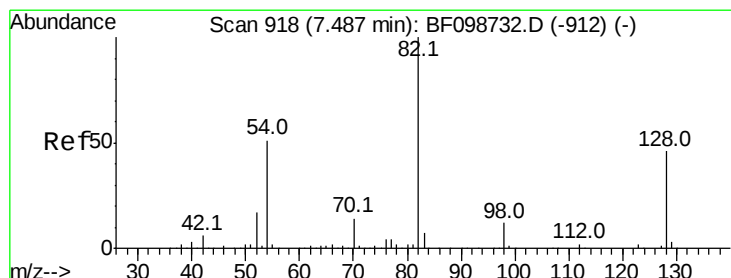
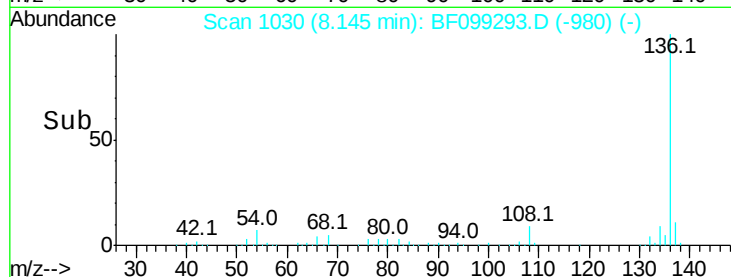
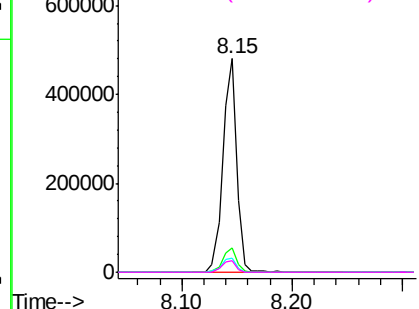
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099293.D
Acq: 10 Oct 2017 11:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	416788
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.6	6.6	9.8
68	5.3	5.0	7.4

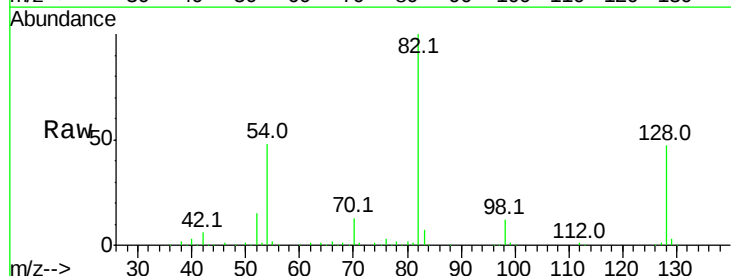


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

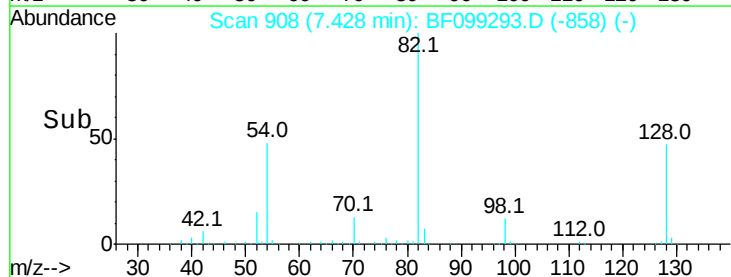
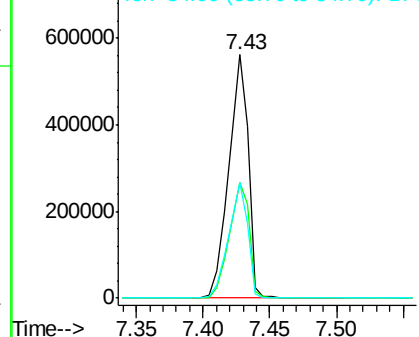


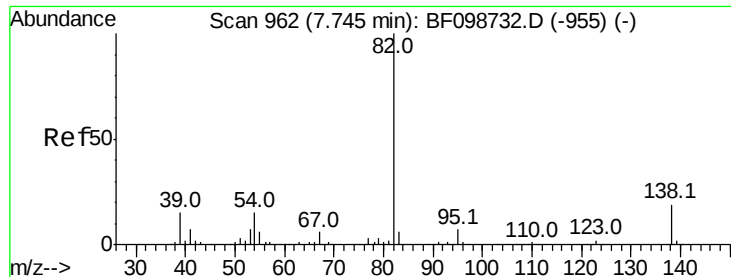
#23
Nitrobenzene-d5
Concen: 89.313 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099293.D
Acq: 10 Oct 2017 11:30

Tgt Ion:	82	Resp:	580456
Ion	Ratio	Lower	Upper
82	100		
128	47.4	36.1	54.1
54	47.6	41.4	62.2



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





#25

Isophorone

Concen: 43.205 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF099293.D

Acq: 10 Oct 2017 11:30

Instrument :

BNA_F

ClientSampleId :

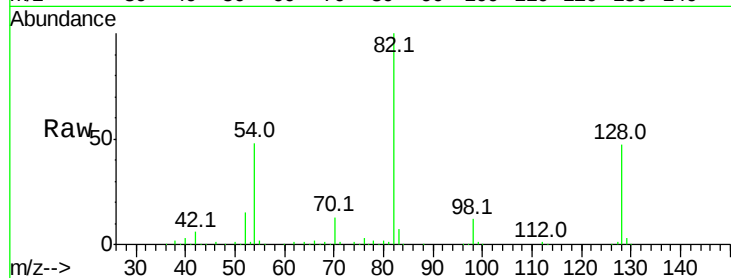
Tot Ion: 82 Resp: 580538

Ion Ratio Lower Upper

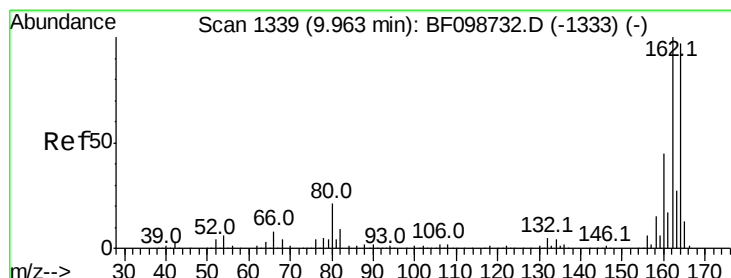
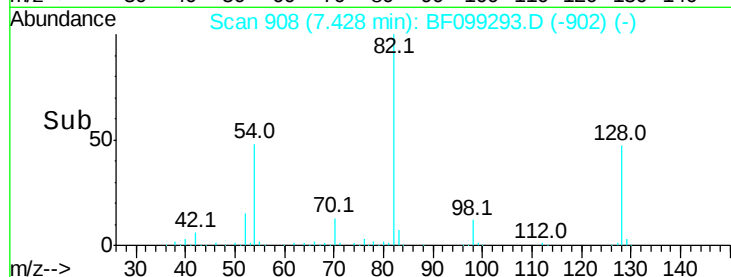
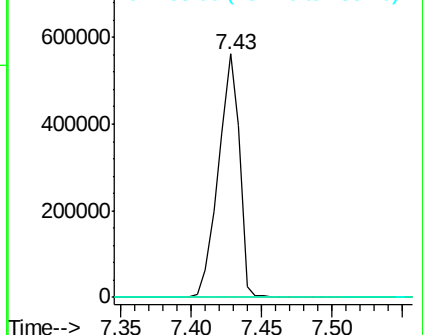
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF099293.D

Acq: 10 Oct 2017 11:30

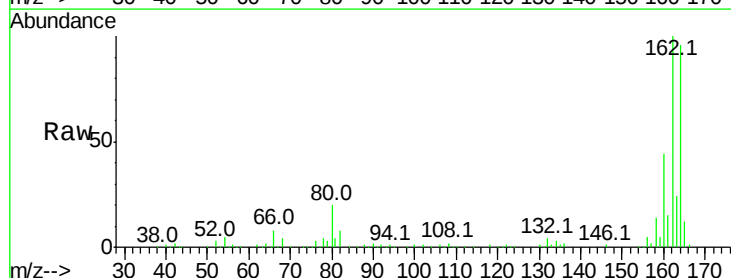
Tgt Ion:164 Resp: 194579

Ion Ratio Lower Upper

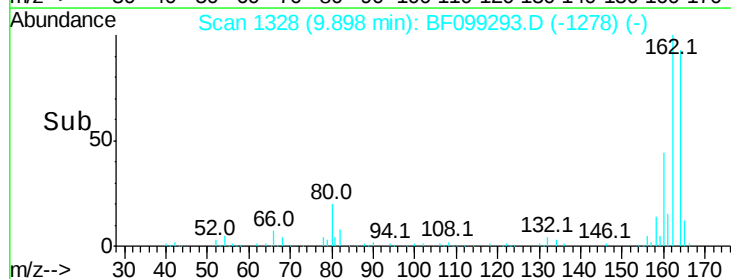
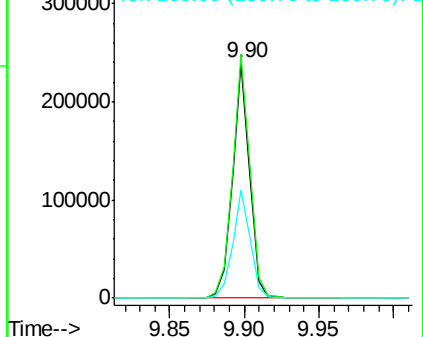
164 100

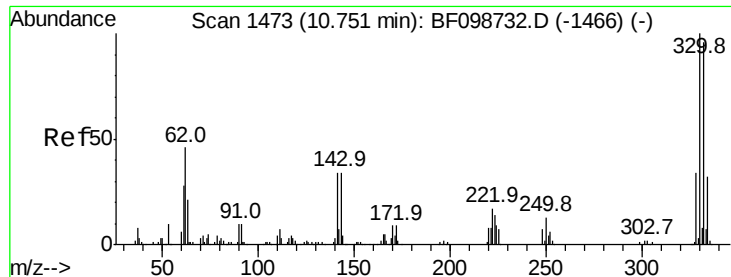
162 103.7 86.1 129.1

160 45.7 38.3 57.5



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

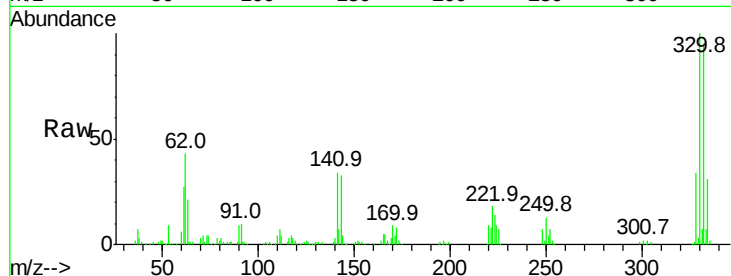




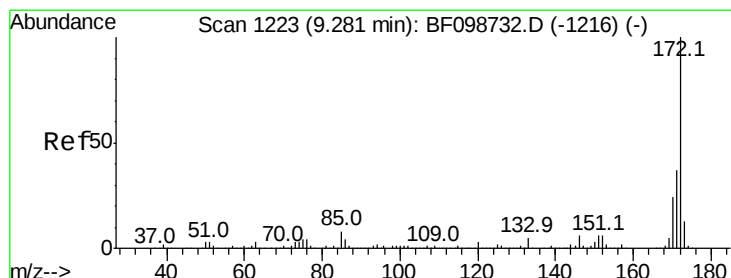
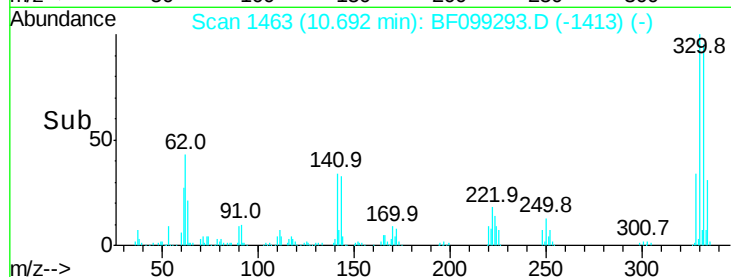
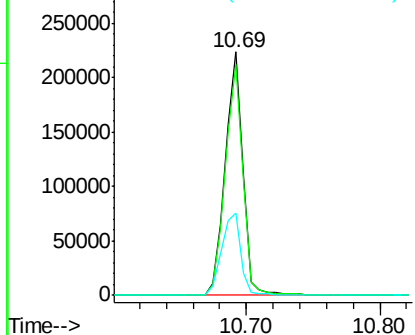
#41
 2,4,6-Tribromophenol
 Concen: 132.443 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099293.D
 Acq: 10 Oct 2017 11:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	37.2	29.9	44.9

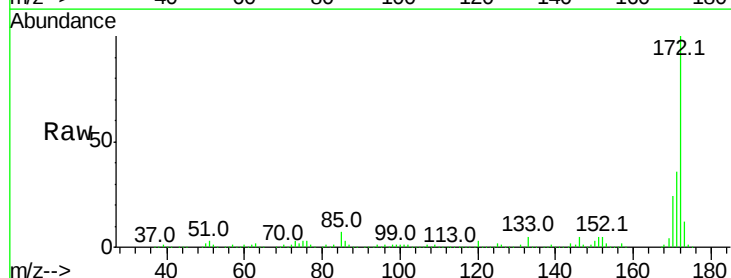


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

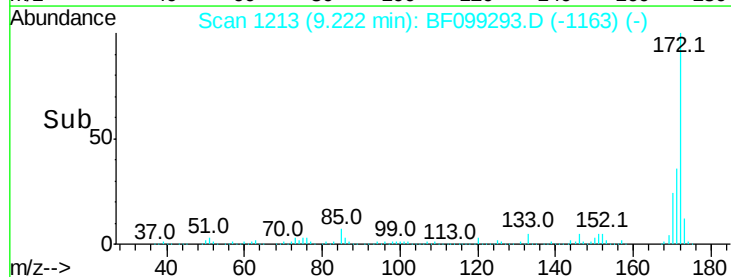
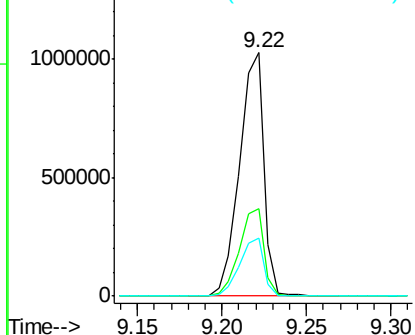


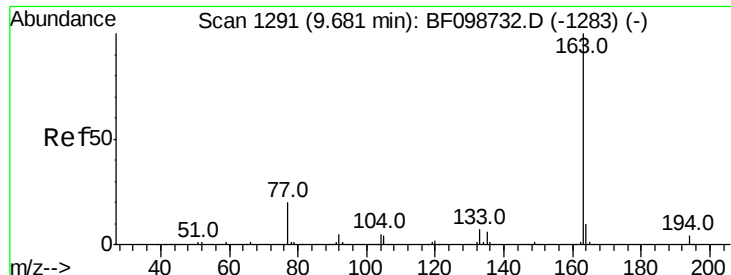
#44
 2-Fluorobiphenyl
 Concen: 88.889 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099293.D
 Acq: 10 Oct 2017 11:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.8	19.6	29.4



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

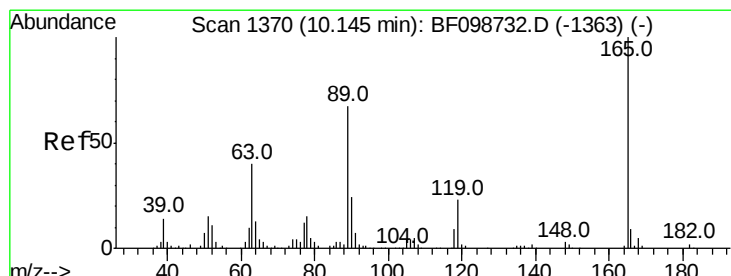
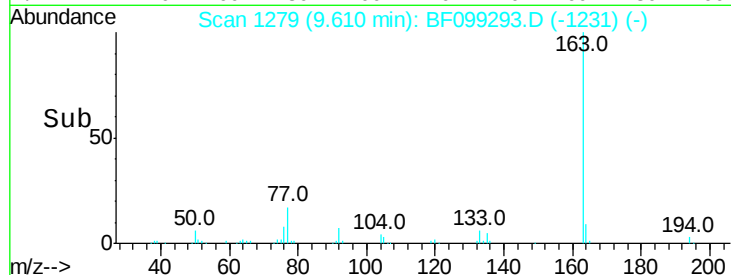
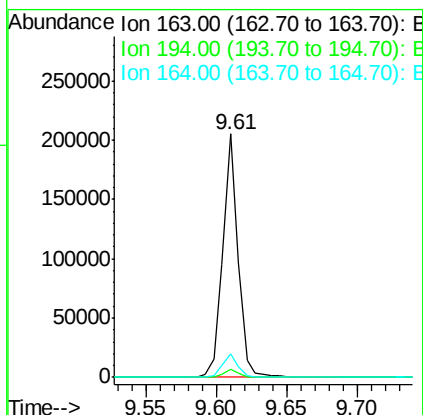
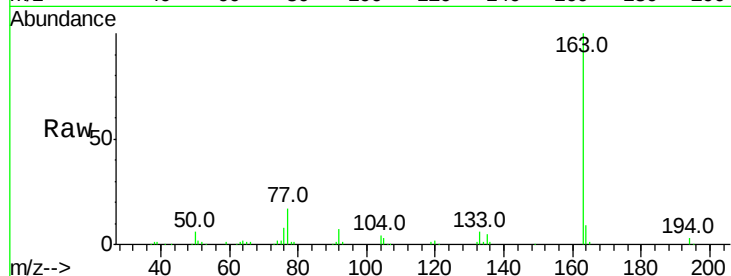




#49
Dimethylphthalate
Concen: 10.593 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099293.D
Acq: 10 Oct 2017 11:30

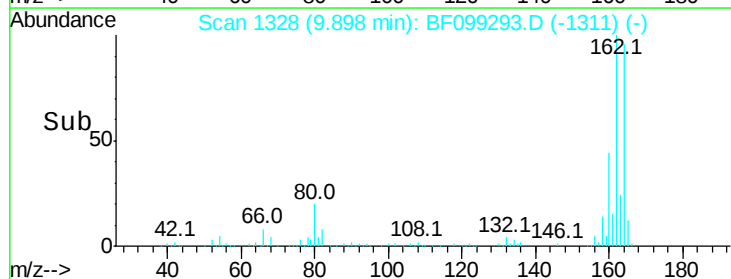
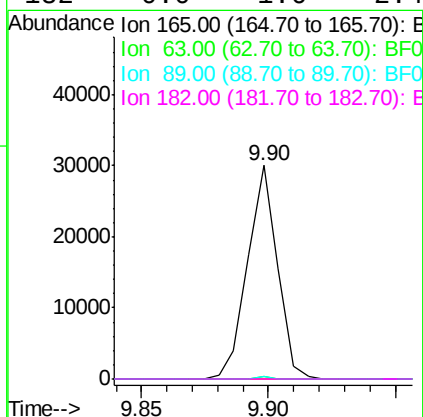
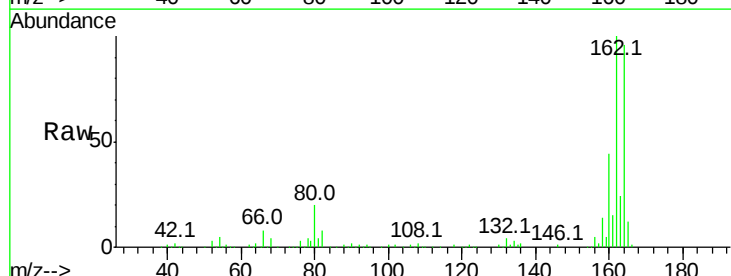
Instrument :
BNA_F
ClientSampled :

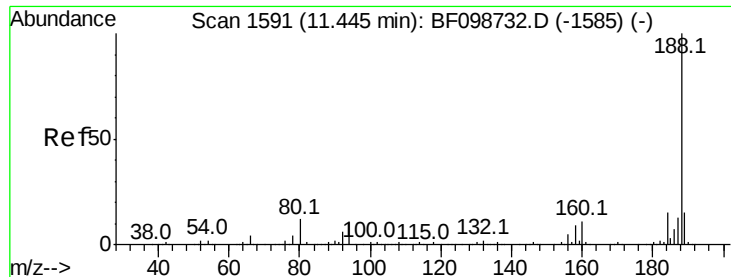
Tot Ion:163 Resp: 155564
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.5 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 5.898 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.20 min
Lab File: BF099293.D
Acq: 10 Oct 2017 11:30

Tgt Ion:165 Resp: 24471
Ion Ratio Lower Upper
165 100
63 1.5 36.4 54.6#
89 1.1 57.8 86.6#
182 0.0 1.6 2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF099293.D

Acq: 10 Oct 2017 11:30

Instrument :

BNA_F

ClientSampled :

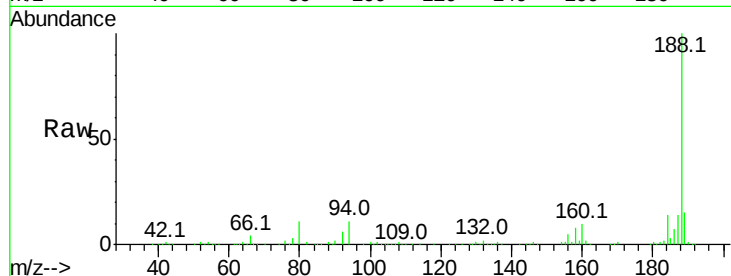
Tot Ion:188 Resp: 363903

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

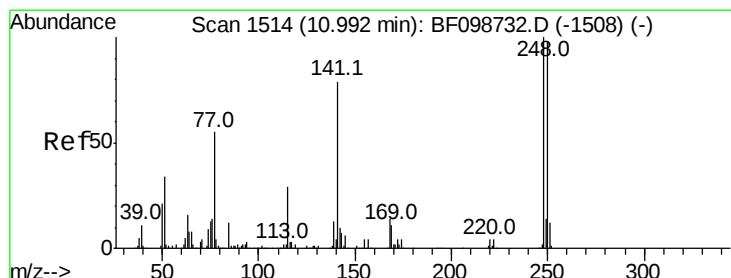
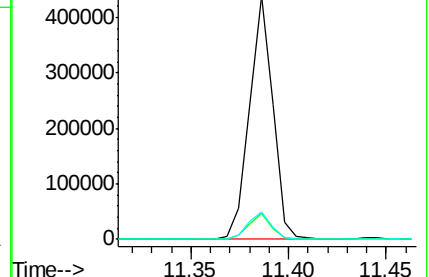
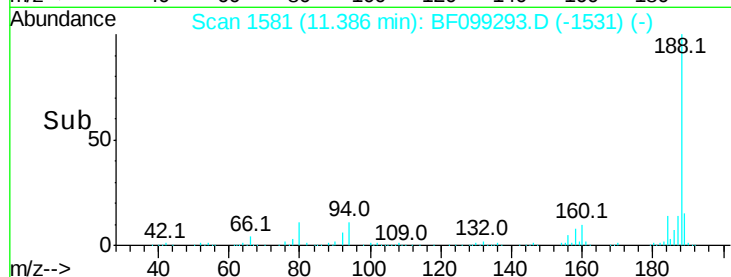
80 11.0 9.2 13.8



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



#66

4-Bromophenyl-phenylether

Concen: 3.948 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.24 min

Lab File: BF099293.D

Acq: 10 Oct 2017 11:30

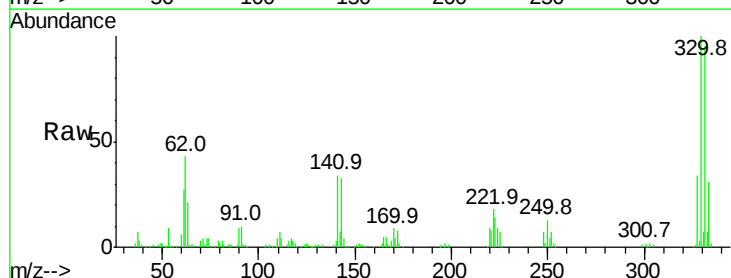
Tgt Ion:248 Resp: 14062

Ion Ratio Lower Upper

248 100

250 199.1 76.9 115.3#

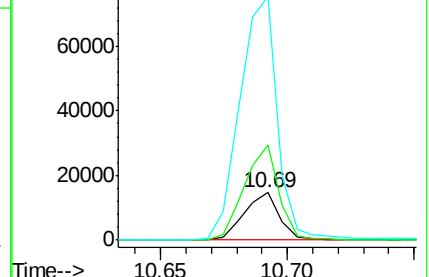
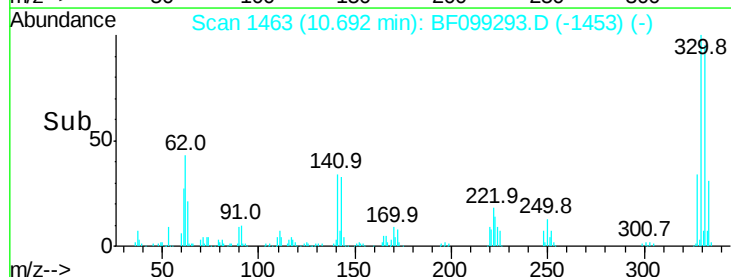
141 511.7 74.4 111.6#

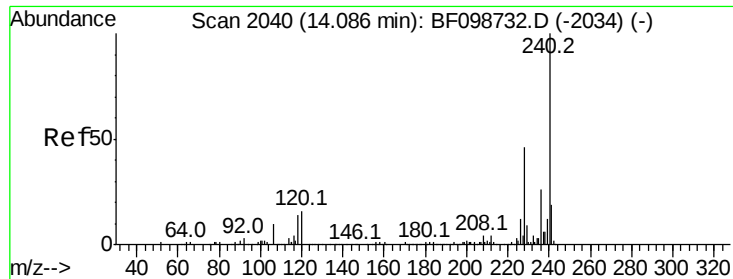


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF099293.D

Acq: 10 Oct 2017 11:30

Instrument :

BNA_F

ClientSampleId :

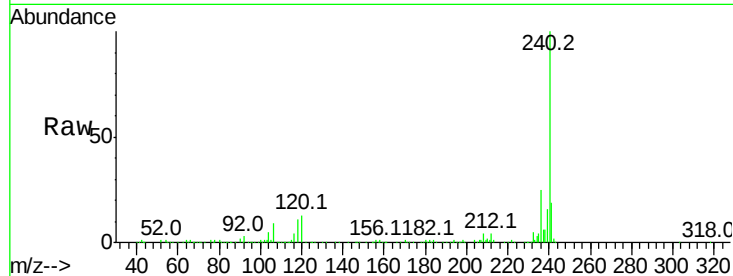
Tot Ion:240 Resp: 272593

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

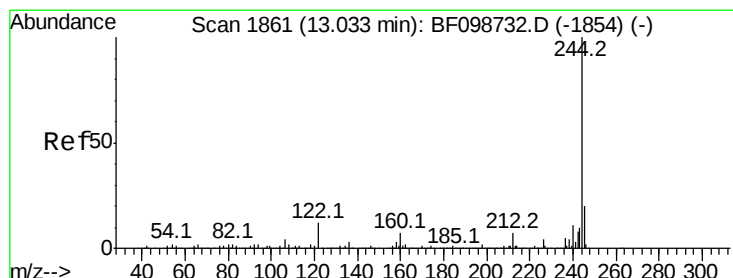
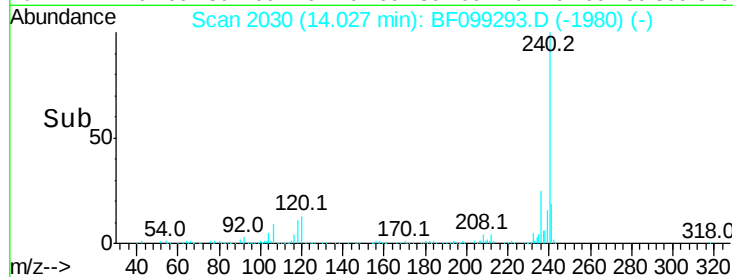
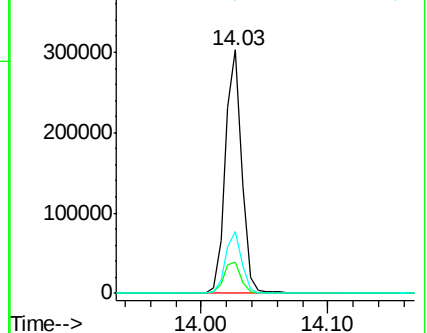
236 25.3 20.7 31.1



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: 78.845 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BF099293.D

Acq: 10 Oct 2017 11:30

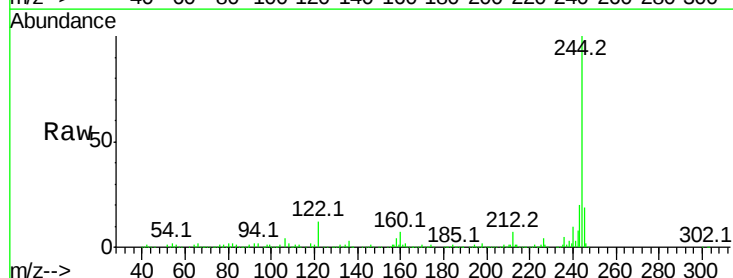
Tgt Ion:244 Resp: 945057

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

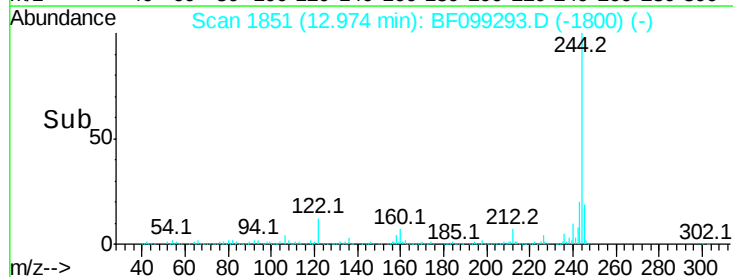
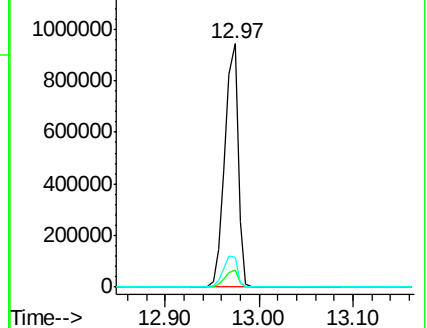
122 12.4 11.0 16.4

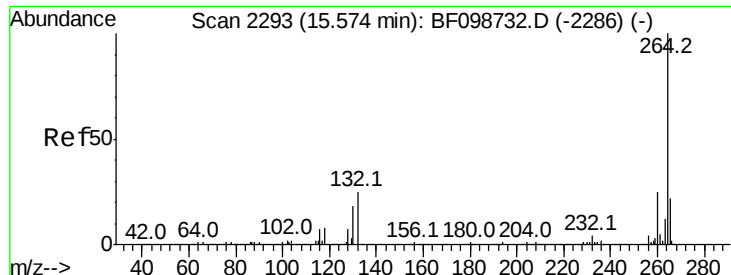


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

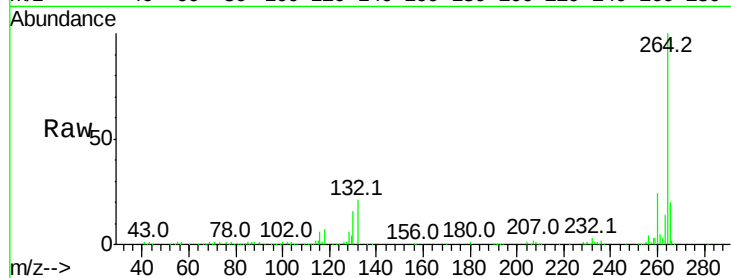




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF099293.D
Acq: 10 Oct 2017 11:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.5	17.5	26.3



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

