

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099298.D
 Acq On : 10 Oct 2017 13:48
 Operator : SJ/JU
 Sample : I5651-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 16:06:25 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

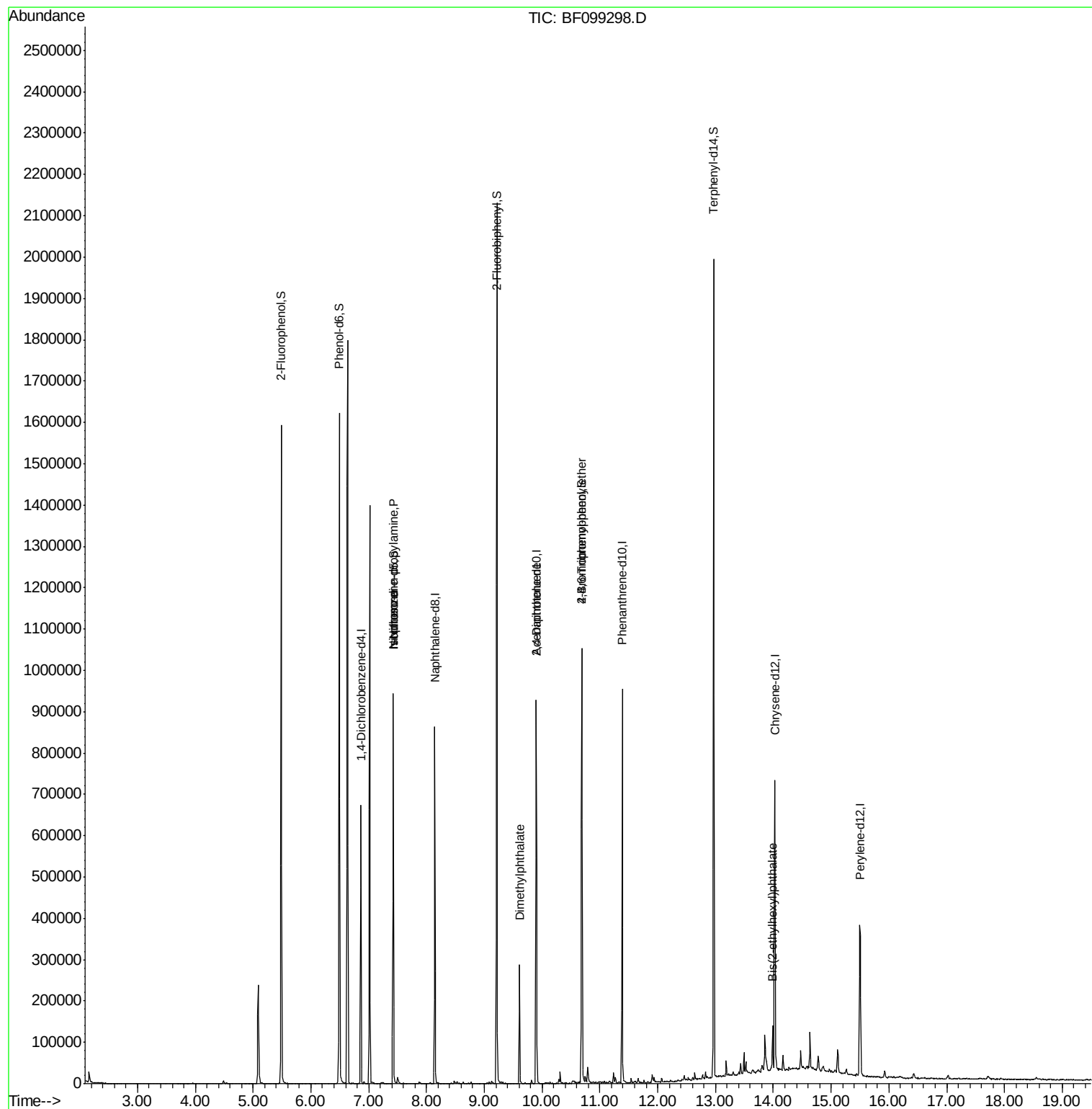
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	98253	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	395200	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	175591	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	320677	20.00	ng	0.00
75) Chrysene-d12	14.03	240	246678	20.00	ng	0.00
86) Perylene-d12	15.50	264	164206	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	469640	76.09	ng	0.00
7) Phenol-d6	6.49	99	572799	75.23	ng	0.00
23) Nitrobenzene-d5	7.43	82	330300	53.60	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	117349	81.67	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	649211	61.72	ng	-0.01
78) Terphenyl-d14	12.97	244	606249	55.89	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	42352	8.712	ng	# 74
25) Isophorone	7.43	82	330292	25.924	ng	# 64
49) Dimethylphthalate	9.61	163	113876	8.593	ng	100
56) 2,4-Dinitrotoluene	9.90	165	22468	6.000	ng	# 22
66) 4-Bromophenyl-phenylether	10.69	248	8050	2.565	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.99	149	40034	3.289	ng	# 98

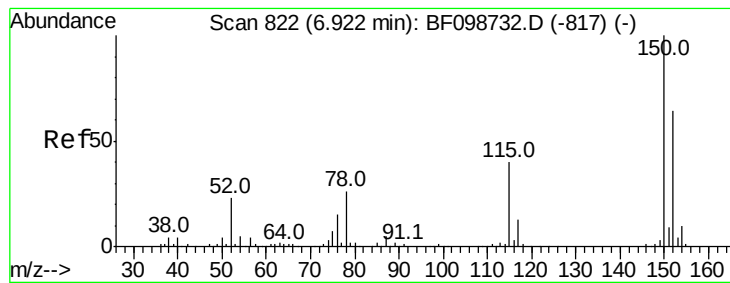
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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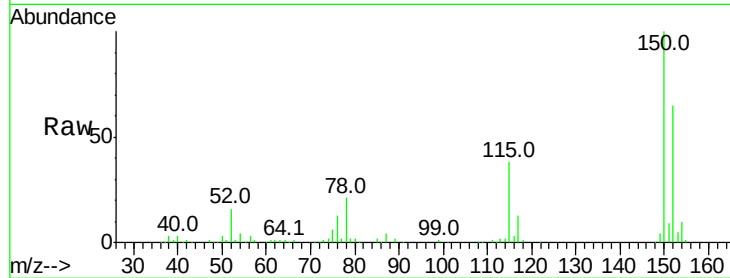


#1

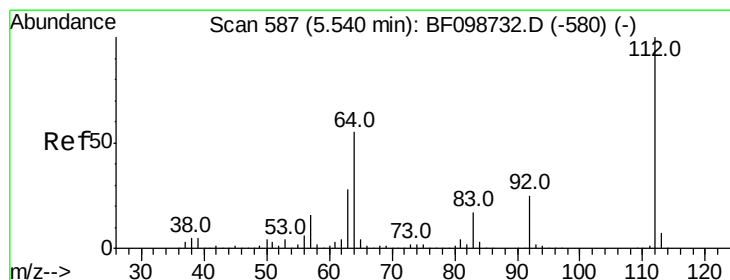
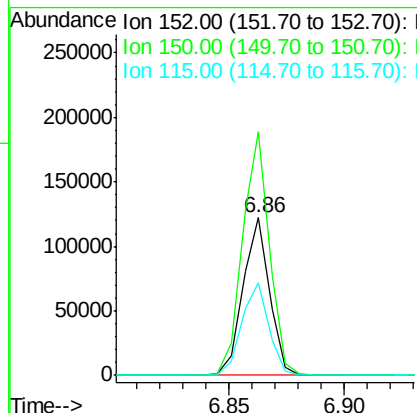
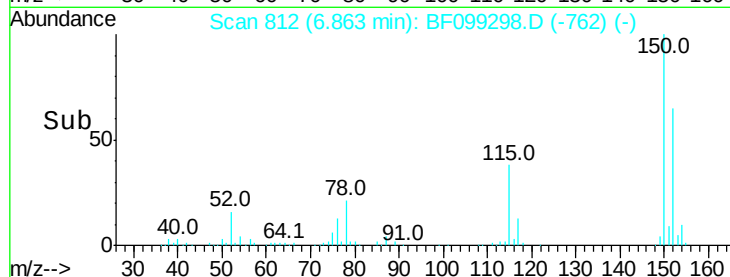
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099298.D
Acq: 10 Oct 2017 13:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 98253
Ion Ratio Lower Upper
152 100
150 154.6 124.6 186.8
115 59.1 50.1 75.1



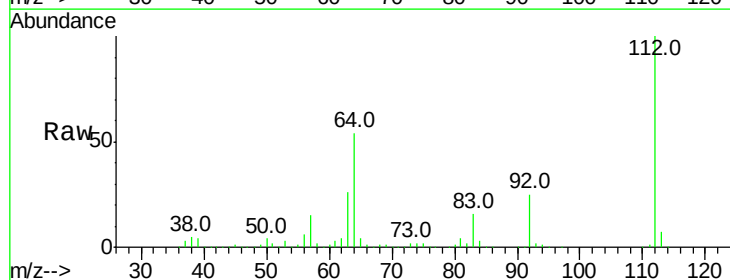
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



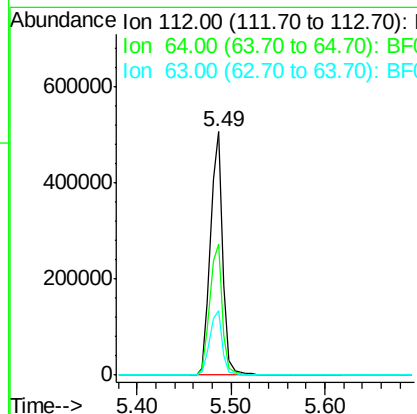
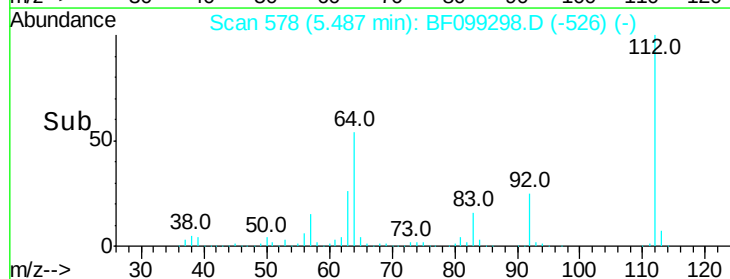
#5

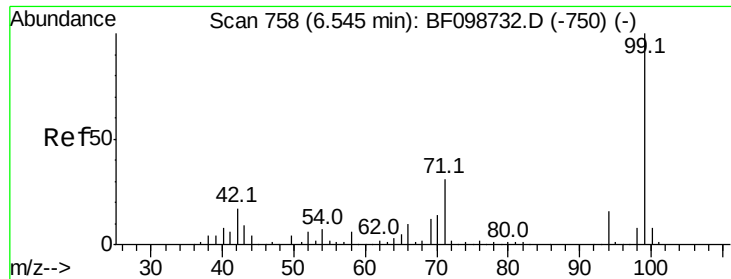
2-Fluorophenol
Concen: 76.091 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF099298.D
Acq: 10 Oct 2017 13:48

Tgt Ion:112 Resp: 469640
Ion Ratio Lower Upper
112 100
64 53.9 47.9 71.9
63 26.3 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: 75.230 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099298.D

Acq: 10 Oct 2017 13:48

Instrument :

BNA_F

ClientSampleId :

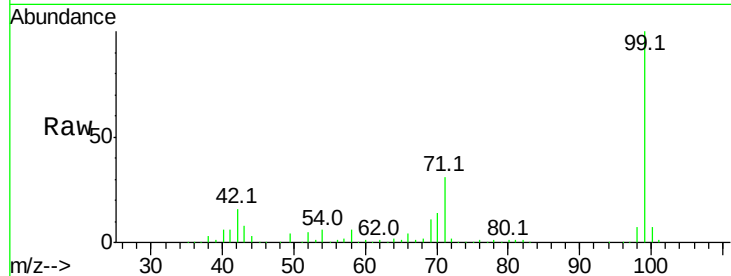
Tot Ion: 99 Resp: 572799

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

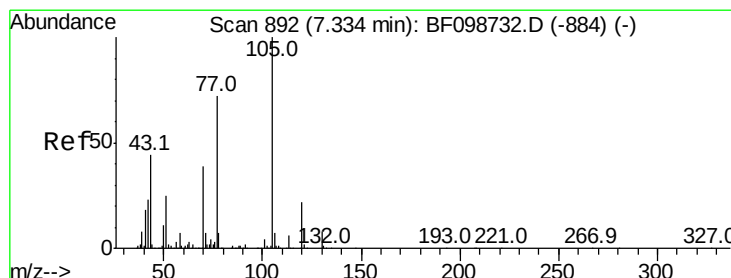
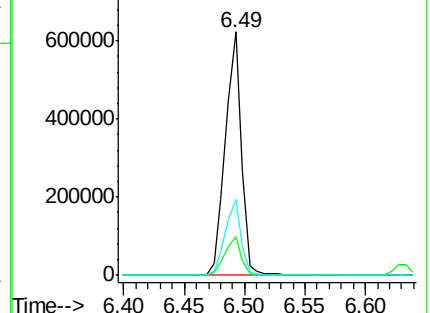
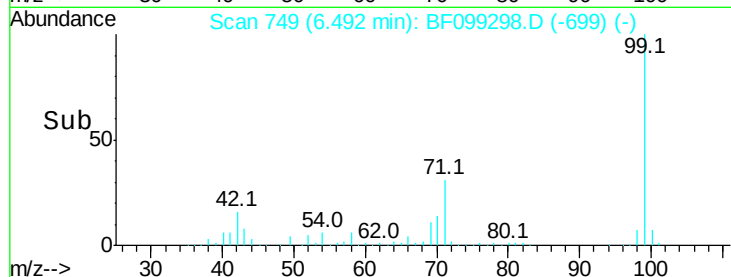
71 31.0 25.4 38.0



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: 8.712 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.14 min

Lab File: BF099298.D

Acq: 10 Oct 2017 13:48

Tgt Ion: 70 Resp: 42352

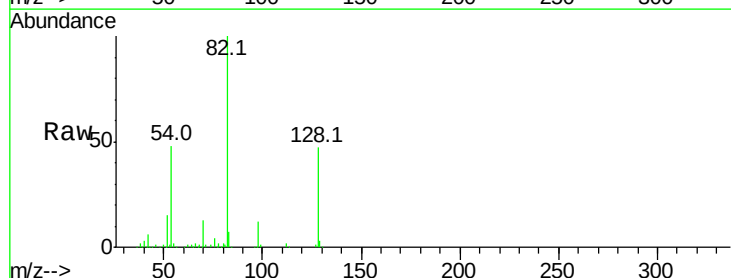
Ion Ratio Lower Upper

70 100

42 43.6 47.5 71.3#

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

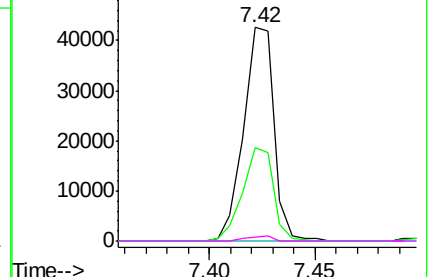
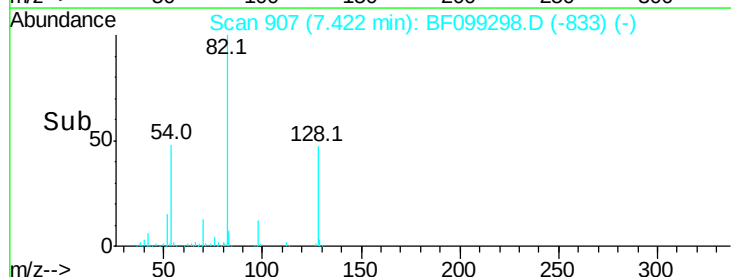


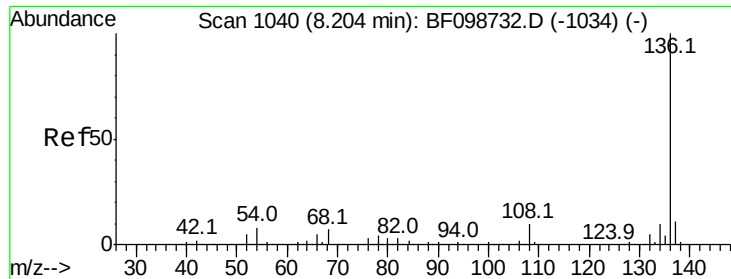
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

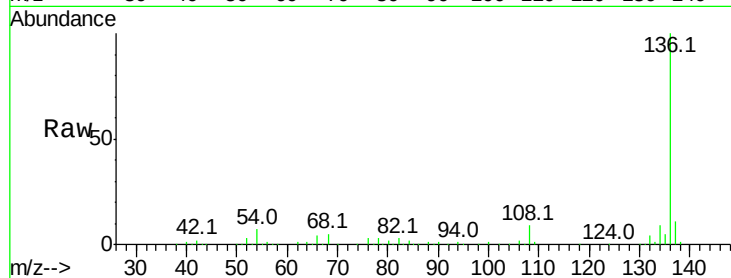




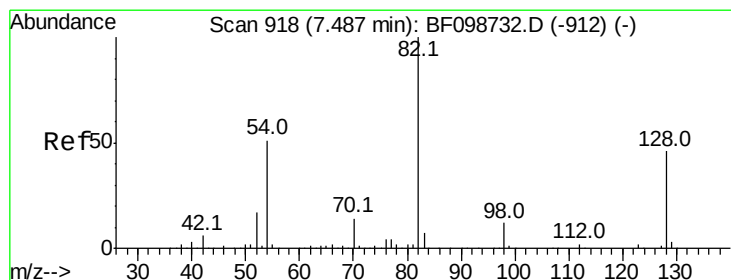
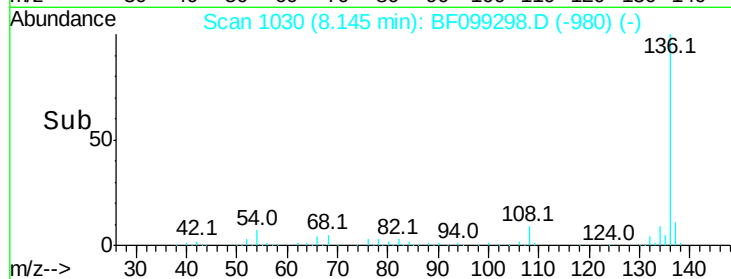
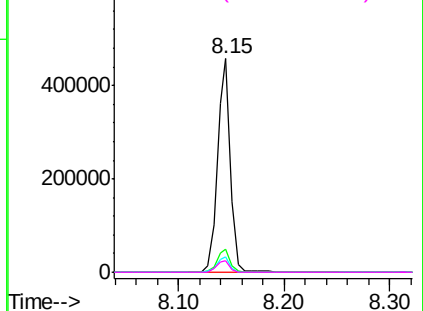
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099298.D
Acq: 10 Oct 2017 13:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	395200
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	6.9	6.6 9.8
68	5.5	5.0 7.4

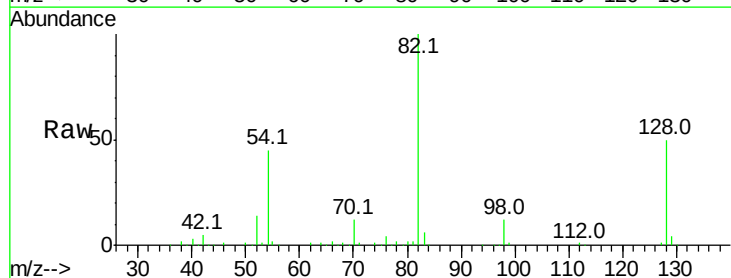


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

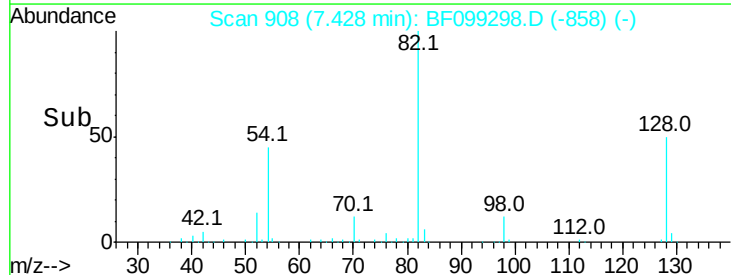
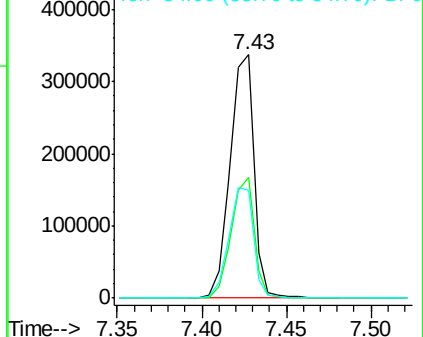


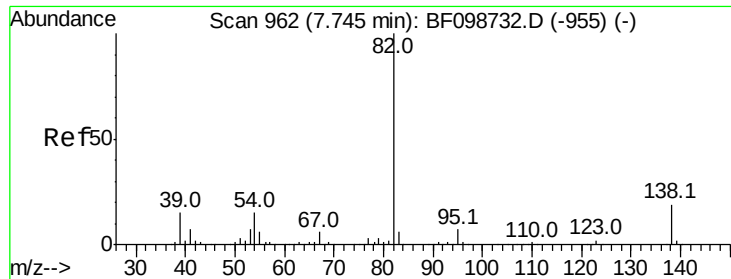
#23
Nitrobenzene-d5
Concen: 53.599 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099298.D
Acq: 10 Oct 2017 13:48

Tgt Ion: 82	Resp:	330300
Ion Ratio	Lower	Upper
82	100	
128	49.6	36.1 54.1
54	44.5	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: 25.924 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF099298.D

Acq: 10 Oct 2017 13:48

Instrument :

BNA_F

ClientSampled :

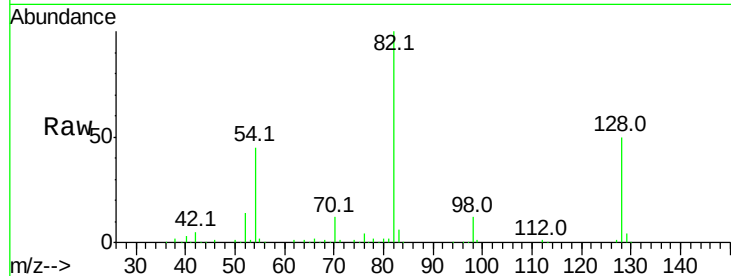
Tot Ion: 82 Resp: 330292

Ion Ratio Lower Upper

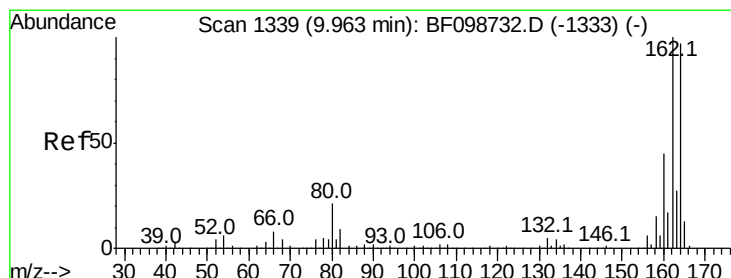
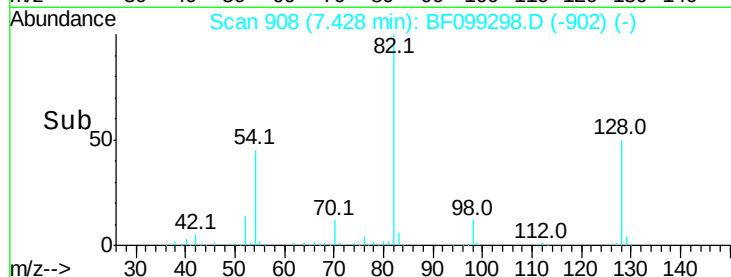
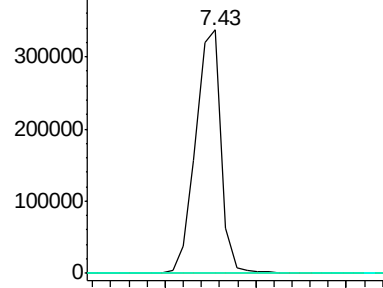
82 100

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: BF099298.D

Acq: 10 Oct 2017 13:48

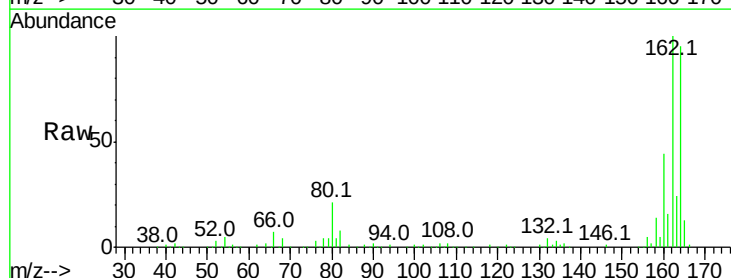
Tgt Ion:164 Resp: 175591

Ion Ratio Lower Upper

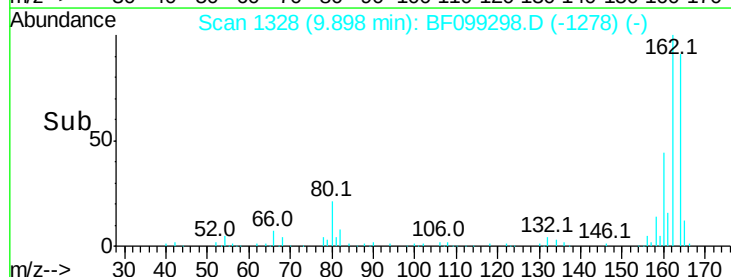
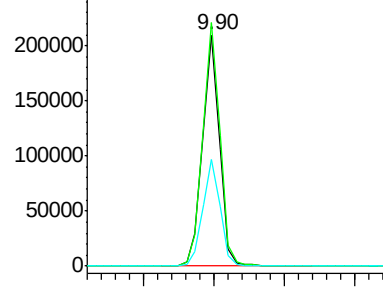
164 100

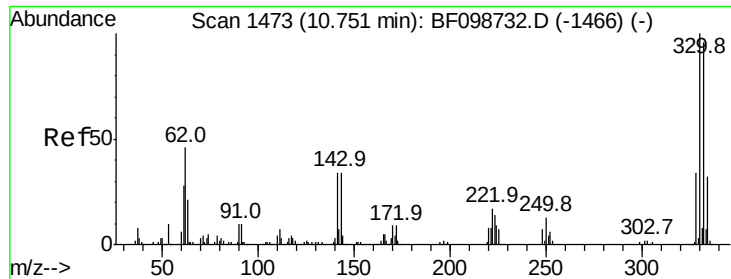
162 105.3 86.1 129.1

160 46.2 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

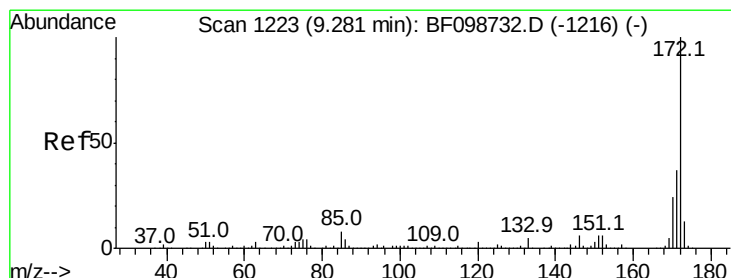
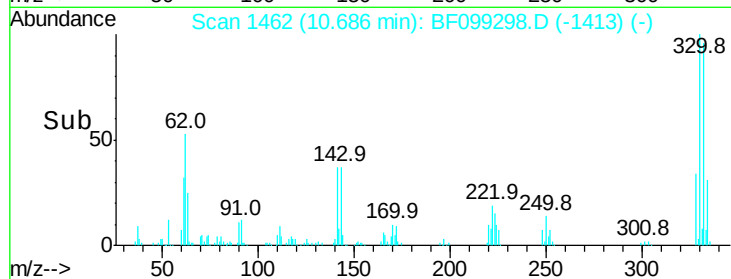
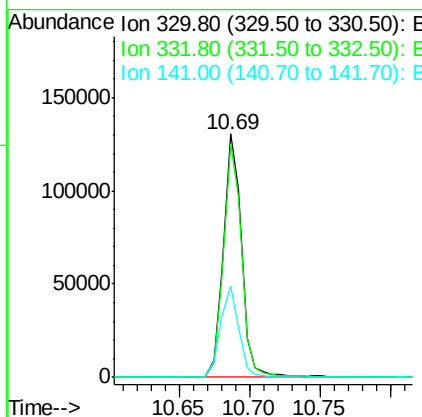
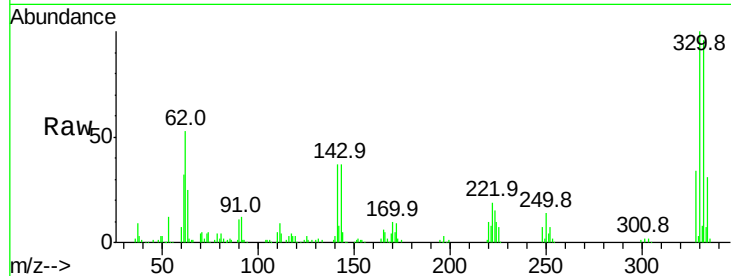




#41
 2,4,6-Tribromophenol
 Concen: 81.673 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF099298.D
 Acq: 10 Oct 2017 13:48

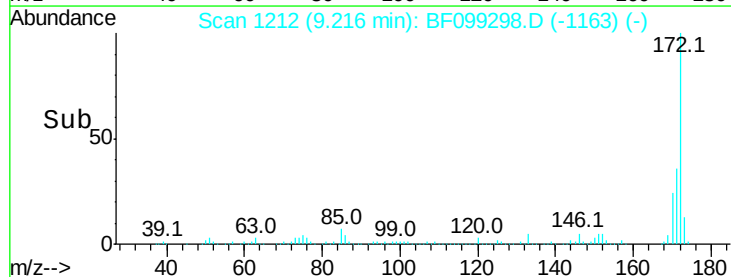
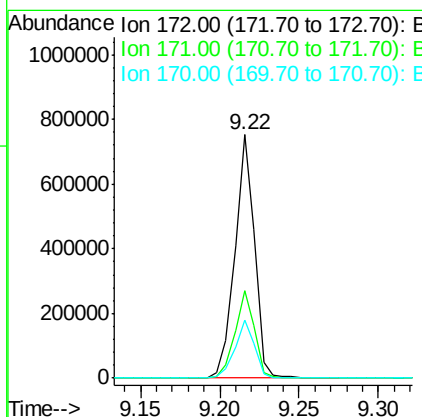
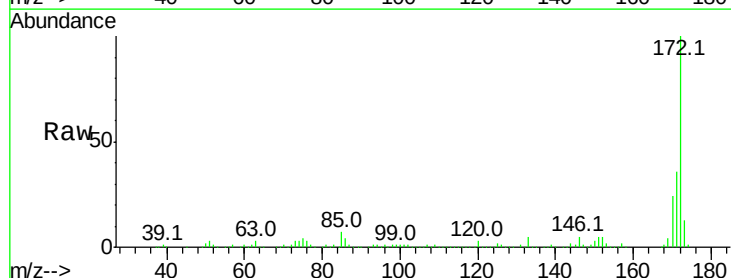
Instrument :
 BNA_F
 ClientSampleId :

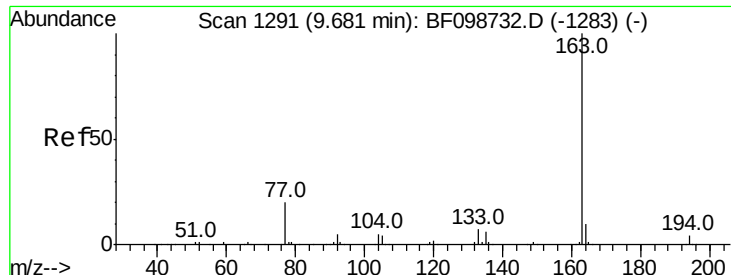
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	38.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 61.723 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF099298.D
 Acq: 10 Oct 2017 13:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.8	19.6	29.4





#49

Dimethylphthalate

Concen: 8.593 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BF099298.D

Acq: 10 Oct 2017 13:48

Instrument :

BNA_F

ClientSampleId :

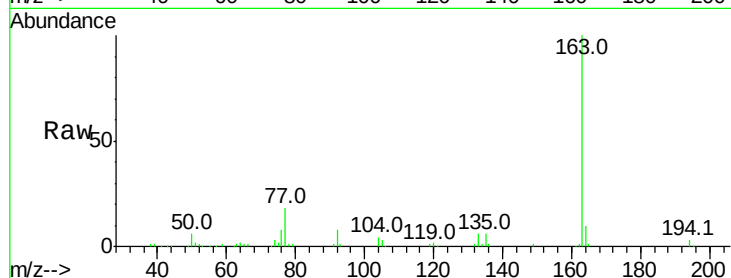
Tot Ion:163 Resp: 113876

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

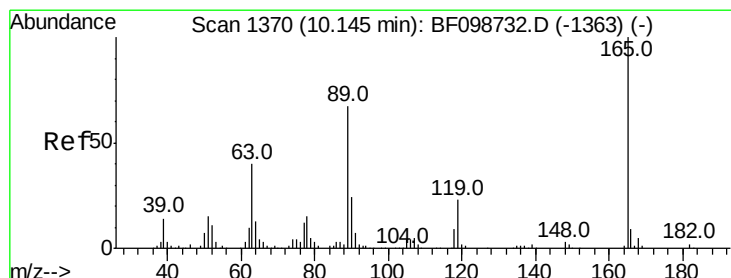
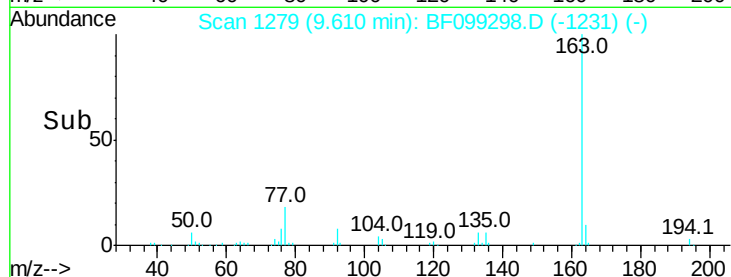
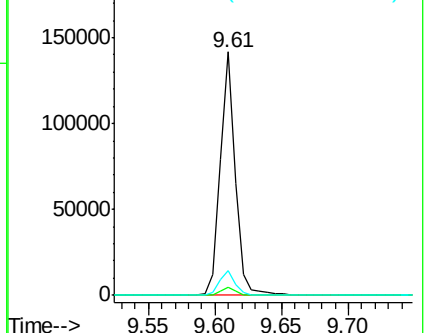
164 10.2 8.2 12.2



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: 6.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.20 min

Lab File: BF099298.D

Acq: 10 Oct 2017 13:48

Tgt Ion:165 Resp: 22468

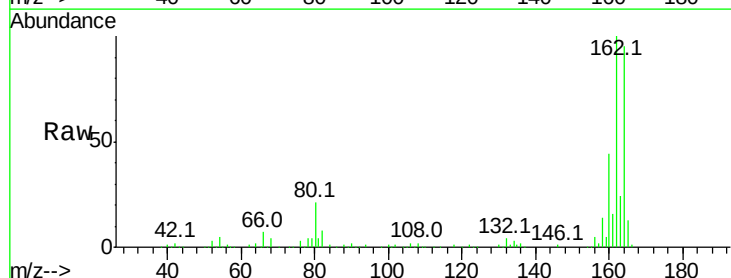
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 1.3 57.8 86.6#

182 0.0 1.6 2.4#

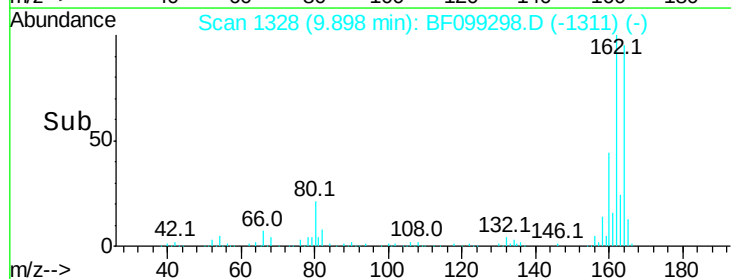
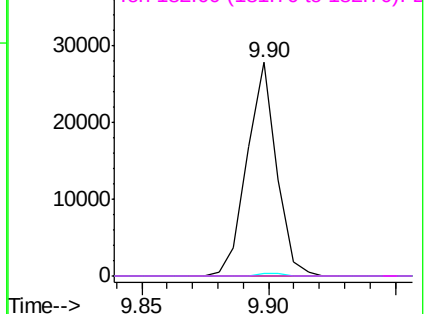


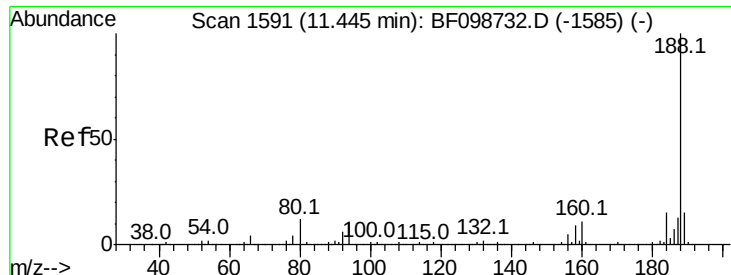
Abundance Ion 165.00 (164.70 to 165.70): E

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: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF099298.D

Acq: 10 Oct 2017 13:48

Instrument :

BNA_F

ClientSampleId :

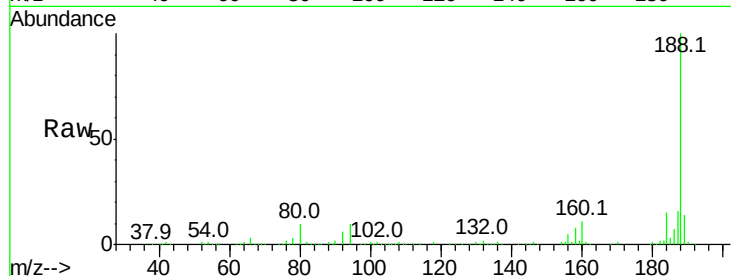
Tot Ion:188 Resp: 320677

Ion Ratio Lower Upper

188 100

94 9.6 8.5 12.7

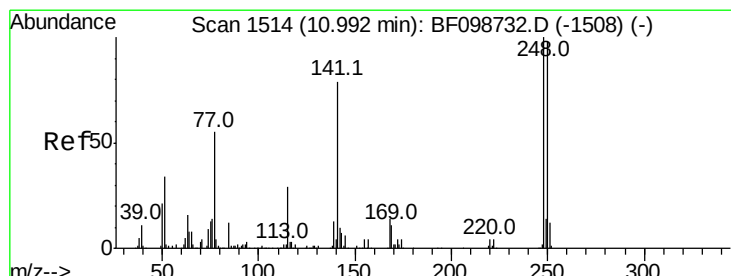
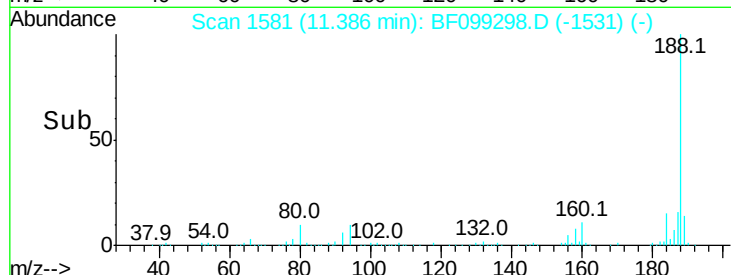
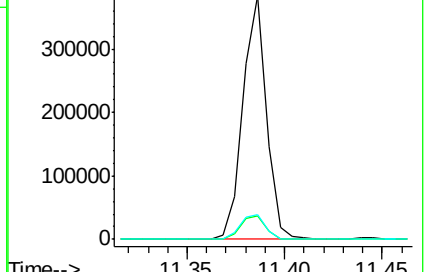
80 10.3 9.2 13.8



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: 2.565 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.25 min

Lab File: BF099298.D

Acq: 10 Oct 2017 13:48

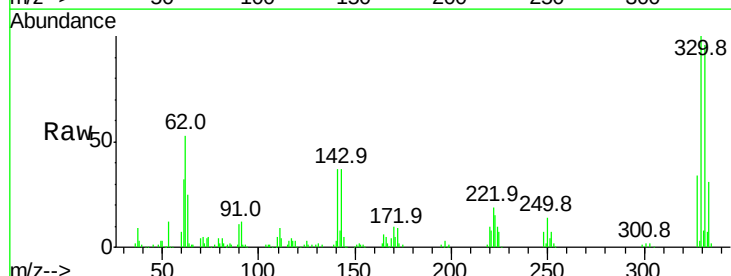
Tgt Ion:248 Resp: 8050

Ion Ratio Lower Upper

248 100

250 197.3 76.9 115.3#

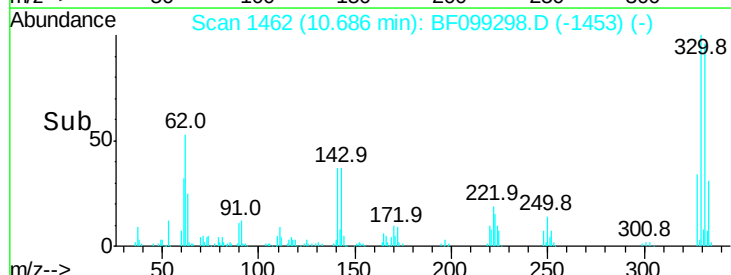
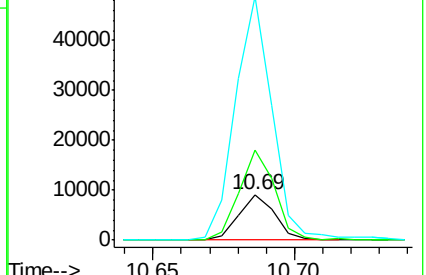
141 535.1 74.4 111.6#

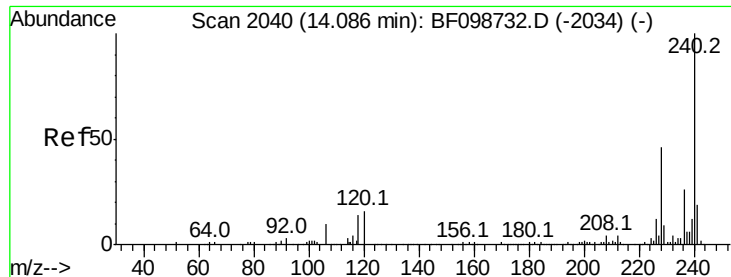


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF099298.D

Acq: 10 Oct 2017 13:48

Instrument :

BNA_F

ClientSampleId :

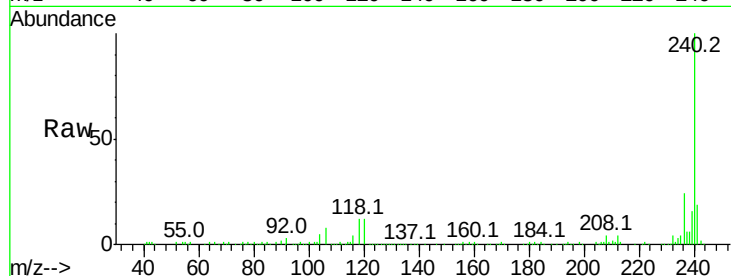
Tot Ion:240 Resp: 246678

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

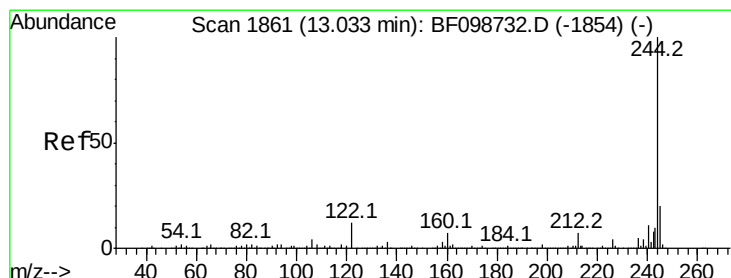
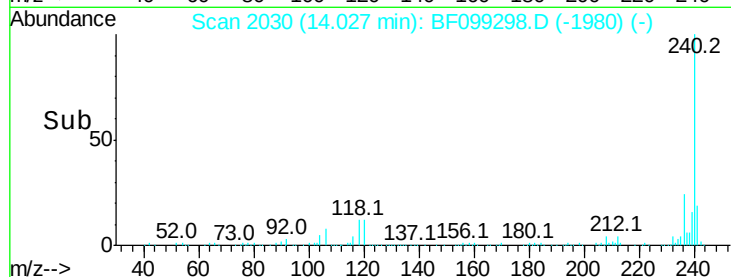
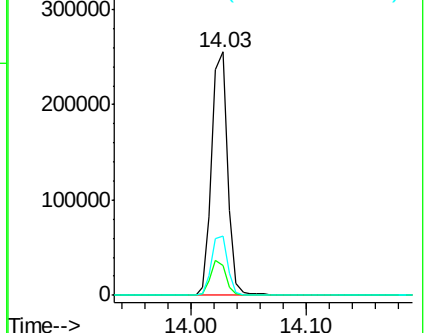
236 24.4 20.7 31.1



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: 55.892 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099298.D

Acq: 10 Oct 2017 13:48

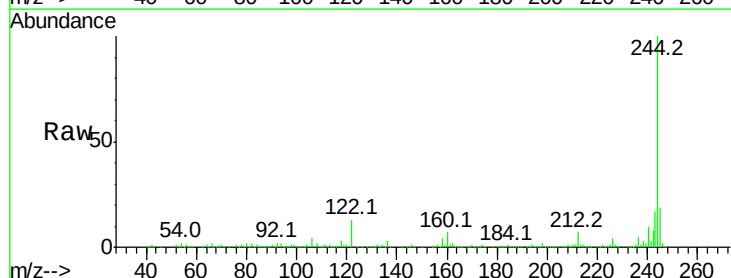
Tgt Ion:244 Resp: 606249

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

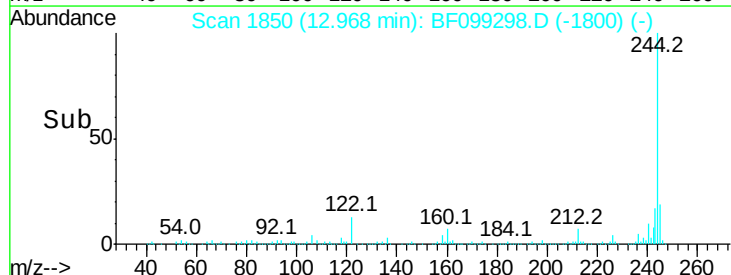
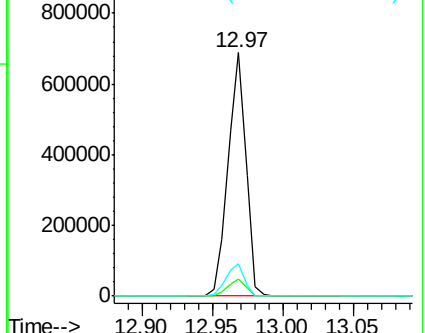
122 13.5 11.0 16.4

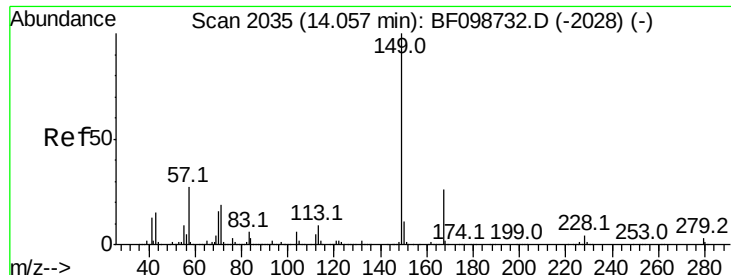


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

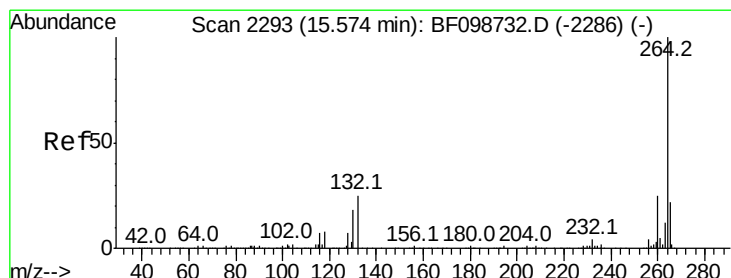
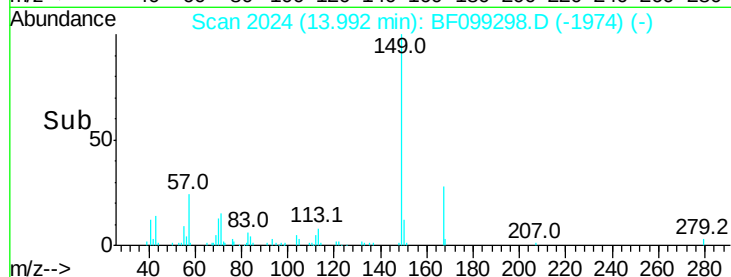
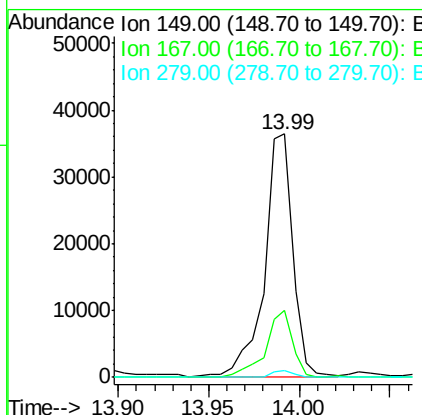
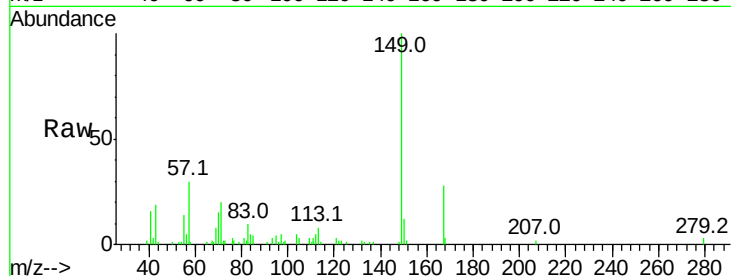




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.289 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF099298.D
 Acq: 10 Oct 2017 13:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.3	31.9
279	2.7	3.0	4.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF099298.D
 Acq: 10 Oct 2017 13:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	22.0	17.5	26.3

