

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099297.D
 Acq On : 10 Oct 2017 13:20
 Operator : SJ/JU
 Sample : I5651-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 16:06:11 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

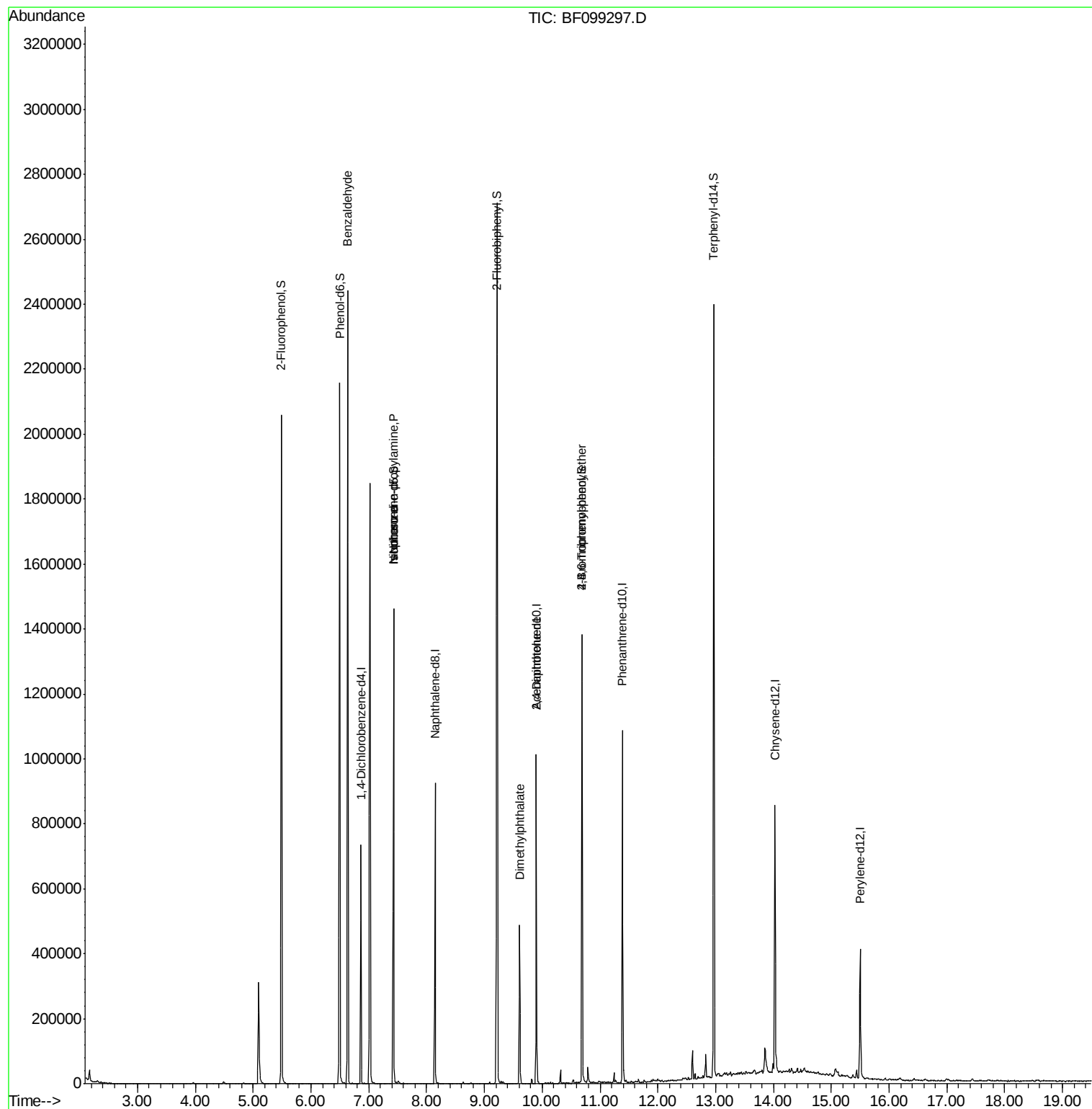
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	106960	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	432681	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	197130	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	353181	20.00	ng	0.00
75) Chrysene-d12	14.03	240	262710	20.00	ng	0.00
86) Perylene-d12	15.50	264	174112	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	699355	104.09	ng	0.01
7) Phenol-d6	6.50	99	854229	103.06	ng	0.00
23) Nitrobenzene-d5	7.43	82	498989	73.96	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	173444	107.52	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	925529	78.38	ng	-0.01
78) Terphenyl-d14	12.97	244	824229	71.35	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	13829	2.876	ng	84
19) n-Nitroso-di-n-propylamine	7.43	70	63695	12.036	ng	# 75
25) Isophorone	7.43	82	498977	35.771	ng	# 64
49) Dimethylphthalate	9.61	163	190253	12.787	ng	98
56) 2,4-Dinitrotoluene	9.90	165	24368	5.797	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	11450	3.312	ng	# 1

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

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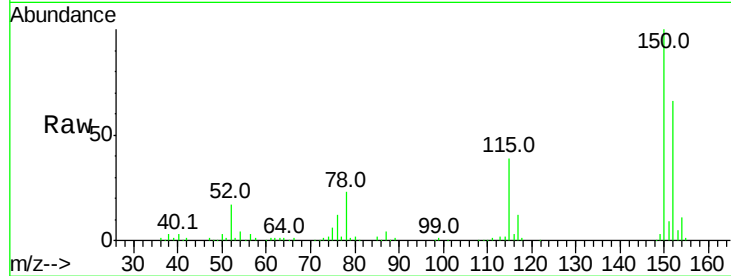


#1

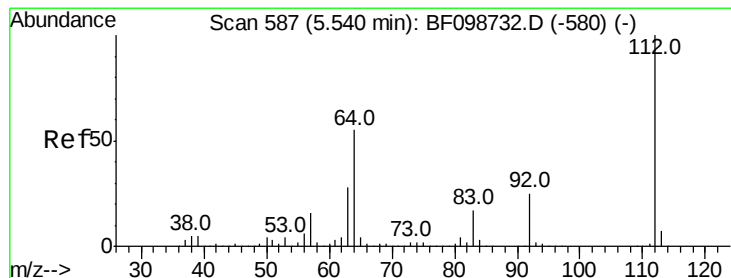
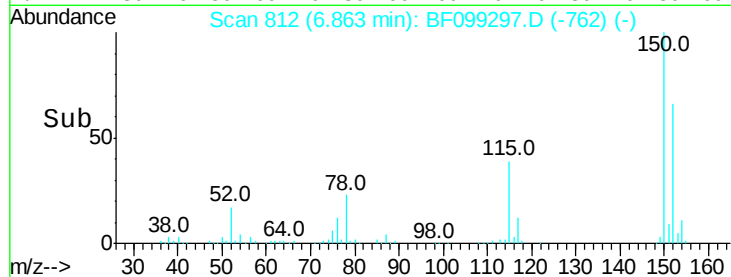
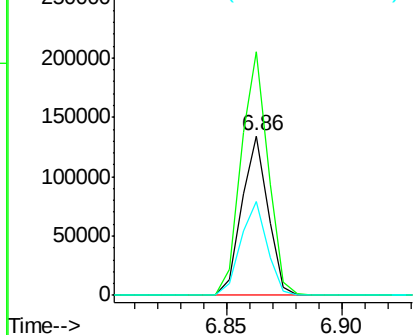
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099297.D
Acq: 10 Oct 2017 13:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 106960
Ion Ratio Lower Upper
152 100
150 152.6 124.6 186.8
115 59.1 50.1 75.1



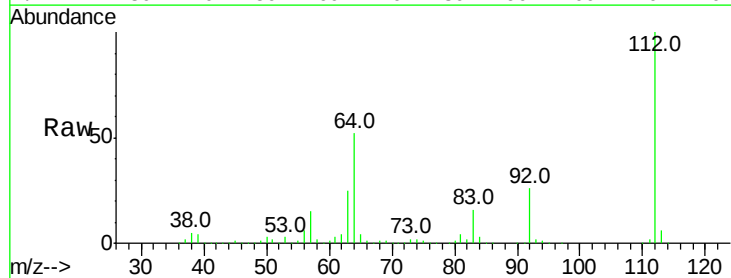
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



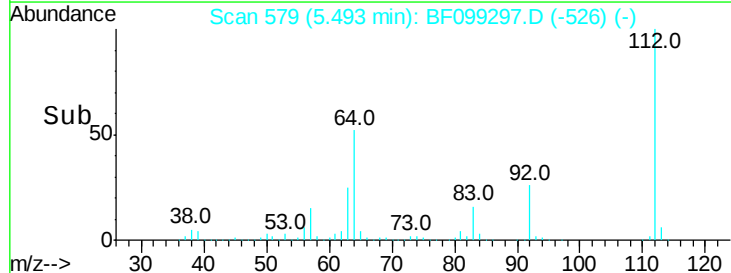
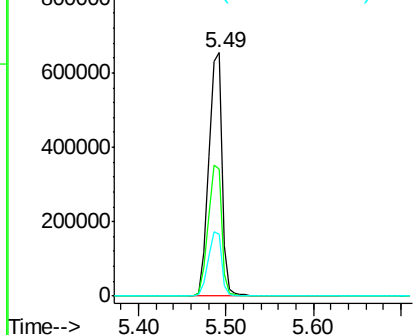
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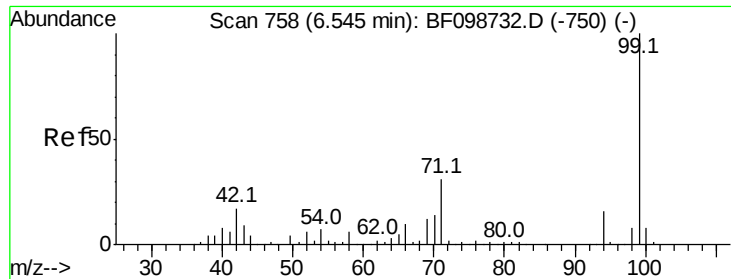
2-Fluorophenol
Concen: 104.086 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF099297.D
Acq: 10 Oct 2017 13:20

Tgt Ion:112 Resp: 699355
Ion Ratio Lower Upper
112 100
64 52.2 47.9 71.9
63 25.3 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: 103.060 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099297.D

Acq: 10 Oct 2017 13:20

Instrument :

BNA_F

ClientSampleId :

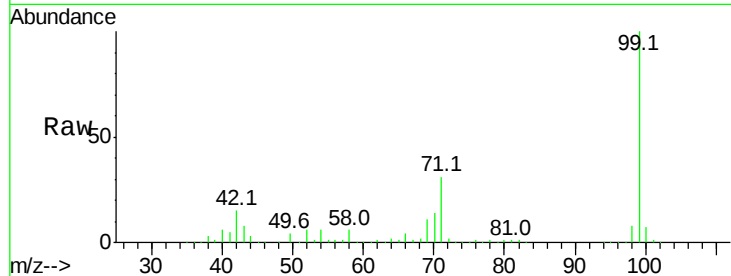
Tot Ion: 99 Resp: 854229

Ion Ratio Lower Upper

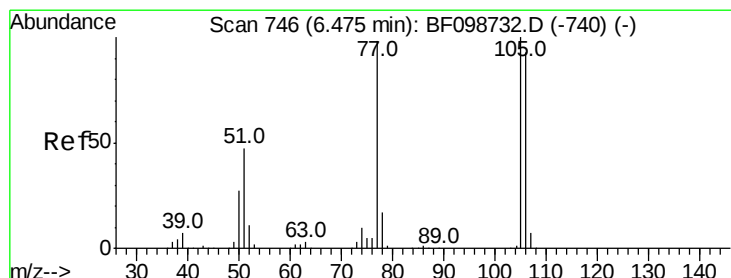
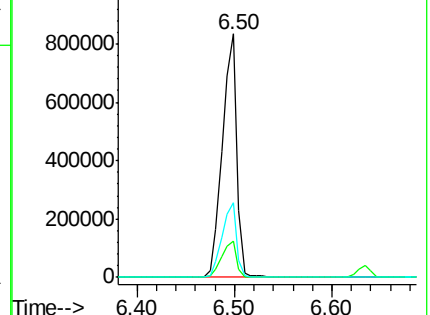
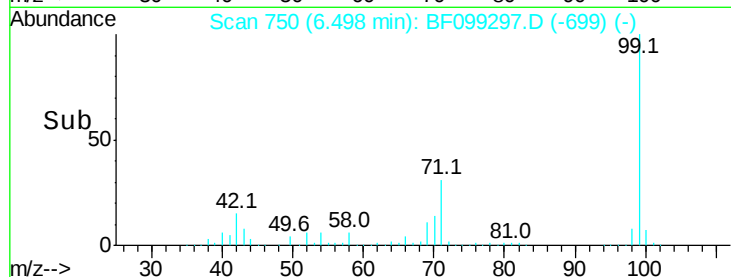
99 100

42 15.1 14.5 21.7

71 30.9 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



#9

Benzaldehyde

Concen: 2.876 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.21 min

Lab File: BF099297.D

Acq: 10 Oct 2017 13:20

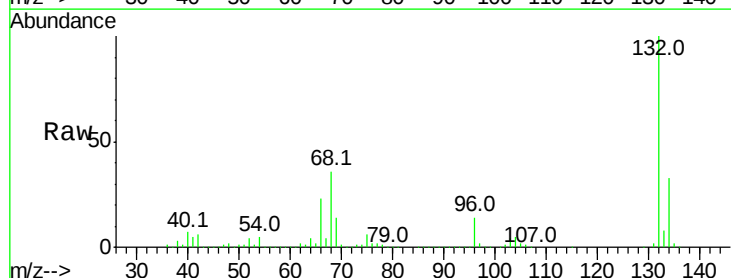
Tgt Ion: 77 Resp: 13829

Ion Ratio Lower Upper

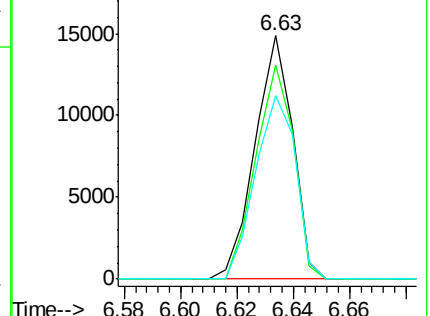
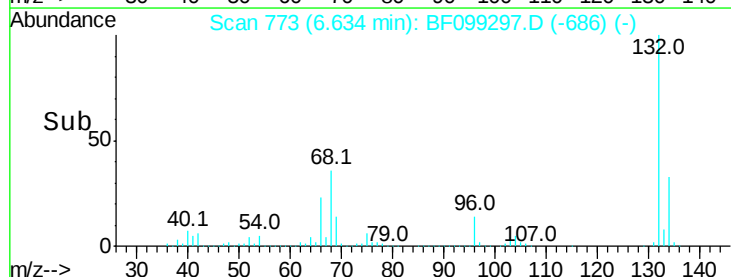
77 100

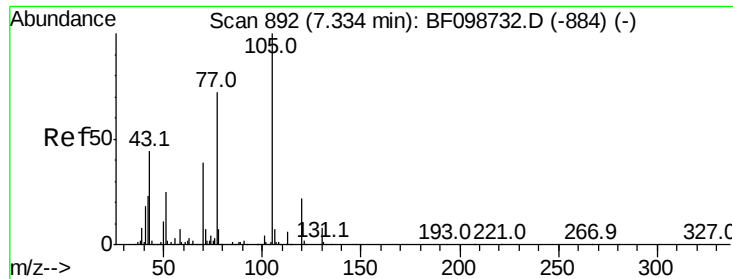
105 88.2 81.1 121.1

106 75.4 74.5 114.5



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

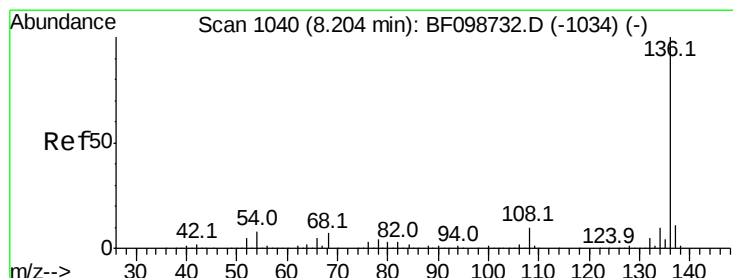
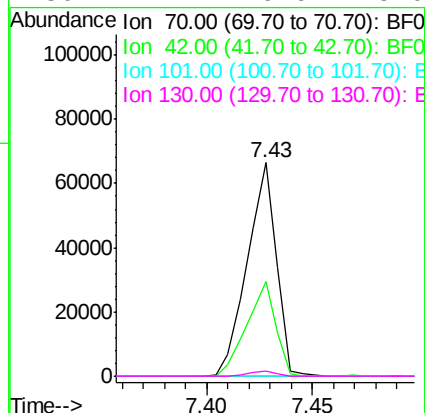
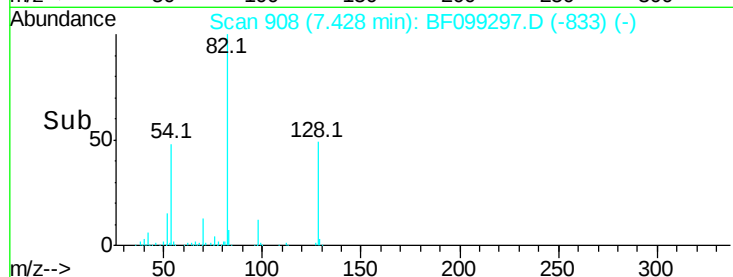
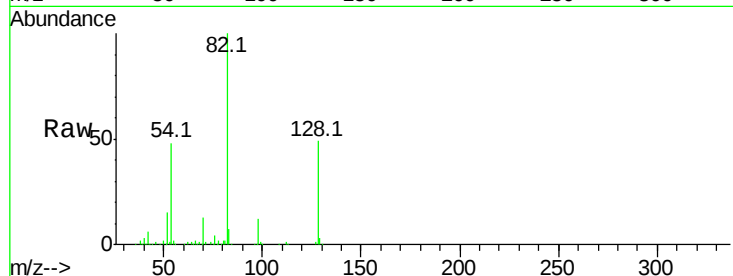




#19
n-Nitroso-di-n-propylamine
Concen: 12.036 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF099297.D
Acq: 10 Oct 2017 13:20

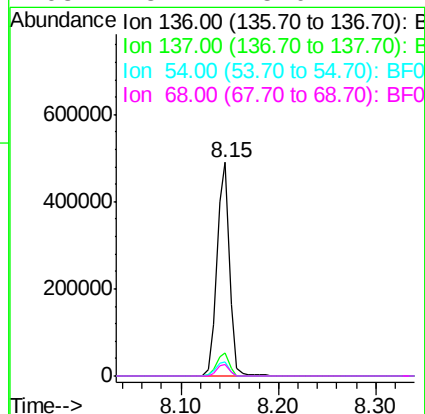
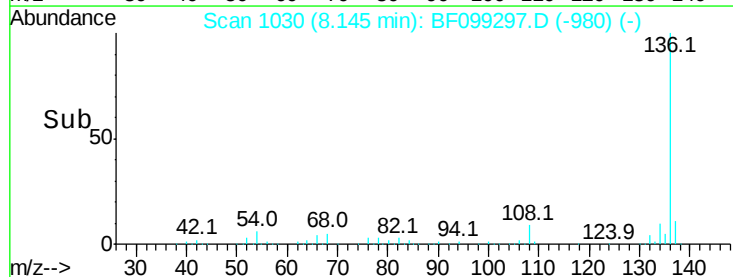
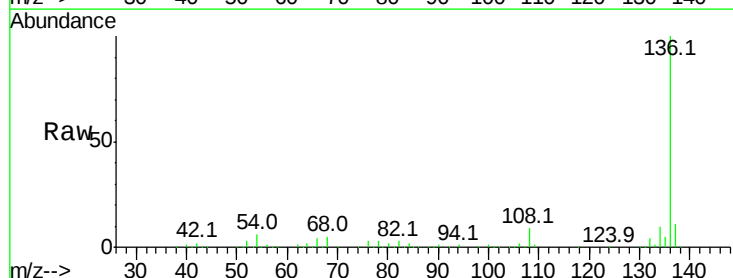
Instrument :
BNA_F
ClientSampled :

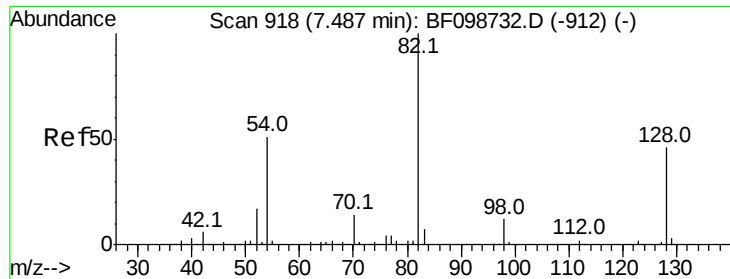
Tot Ion: 70 Resp: 63695
Ion Ratio Lower Upper
70 100
42 44.5 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099297.D
Acq: 10 Oct 2017 13:20

Tgt Ion: 136 Resp: 432681
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.3 6.6 9.8#
68 5.4 5.0 7.4

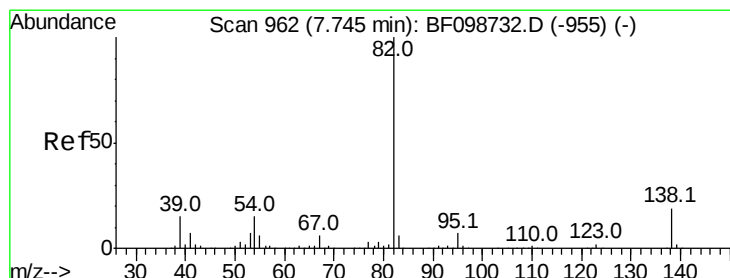
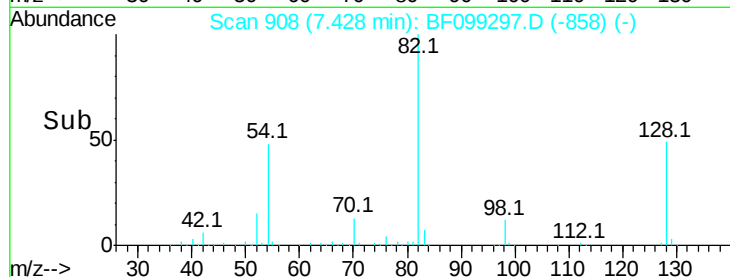
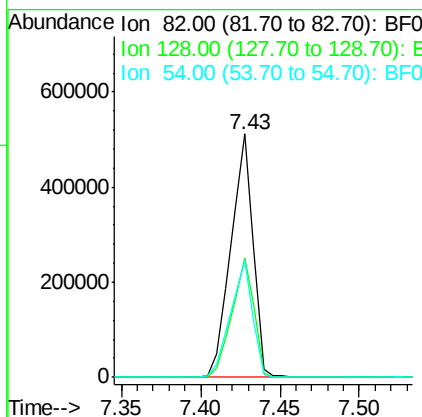
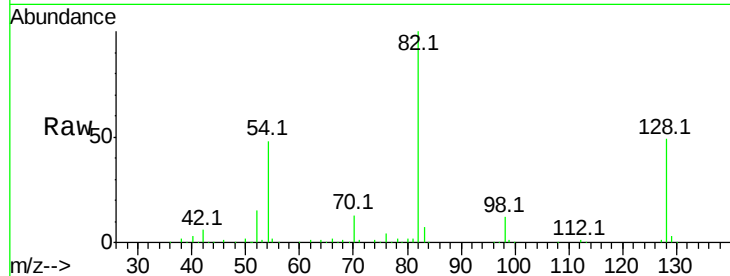




#23
 Nitrobenzene-d5
 Concen: 73.958 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099297.D
 Acq: 10 Oct 2017 13:20

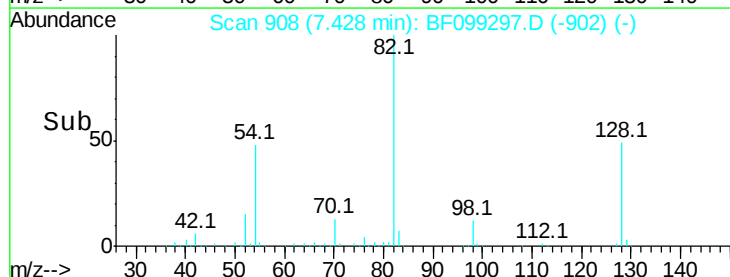
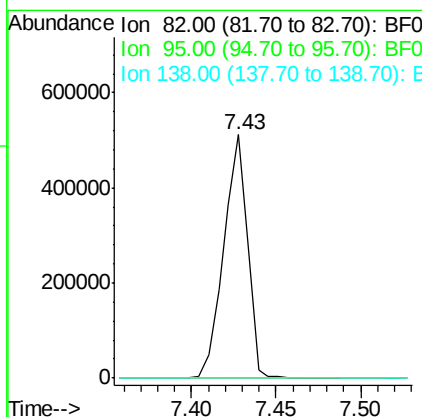
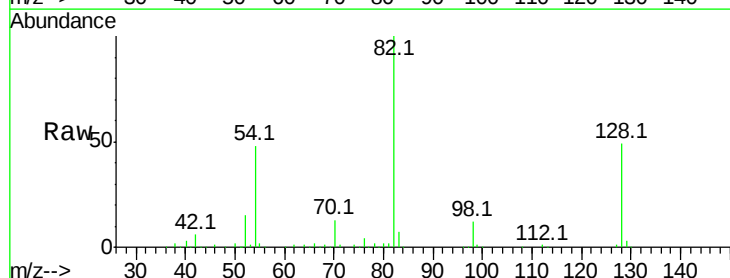
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	498989
Ion Ratio	100	Lower	Upper
128	49.1	36.1	54.1
54	47.8	41.4	62.2



#25
 Isophorone
 Concen: 35.771 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.26 min
 Lab File: BF099297.D
 Acq: 10 Oct 2017 13:20

Tgt Ion	82	Resp	498977
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

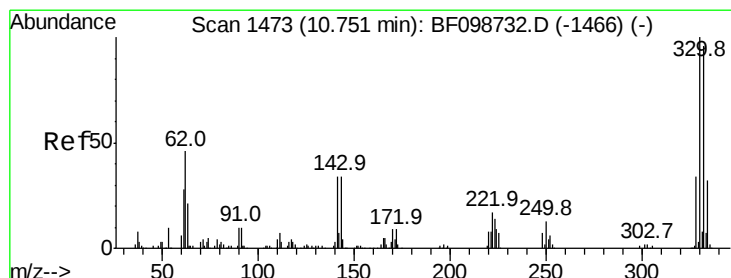
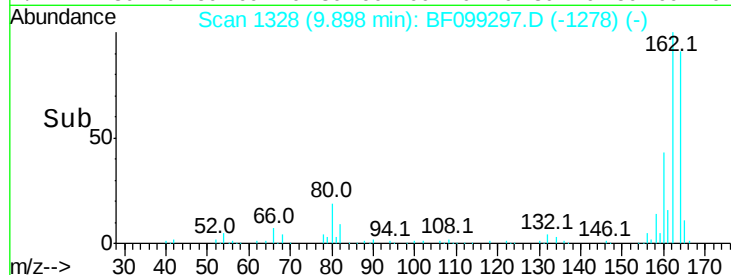
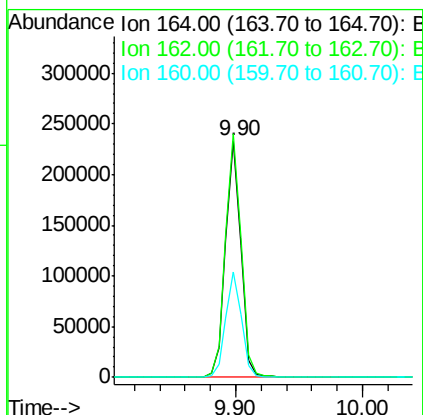
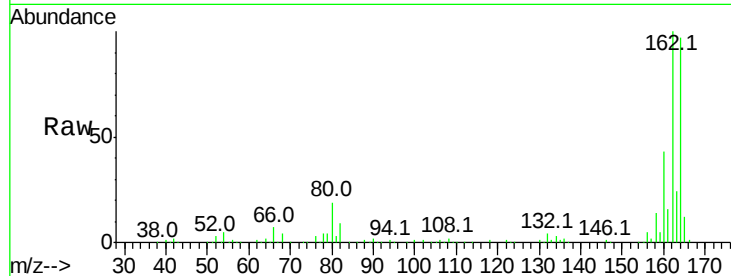




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099297.D
Acq: 10 Oct 2017 13:20

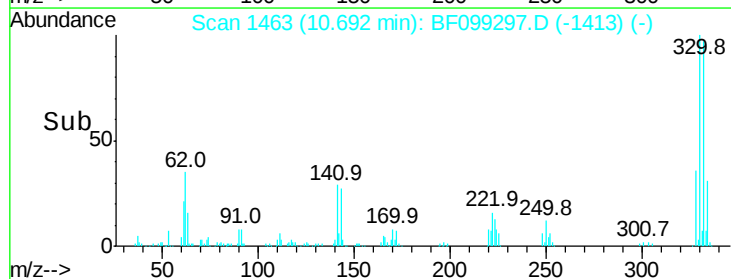
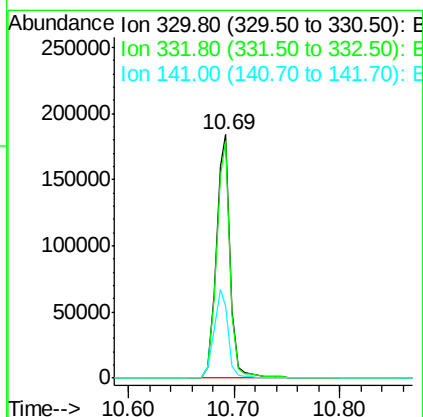
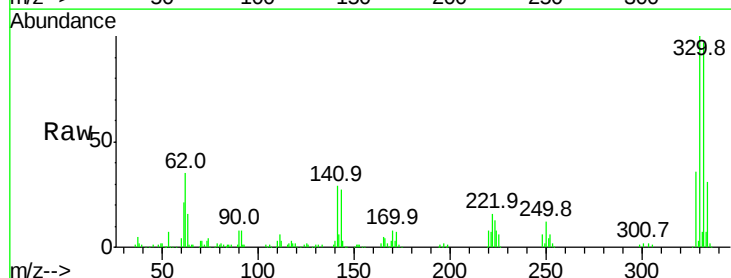
Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 197130
Ion Ratio Lower Upper
164 100
162 103.1 86.1 129.1
160 44.7 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 107.525 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF099297.D
Acq: 10 Oct 2017 13:20

Tgt Ion:330 Resp: 173444
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 37.0 29.9 44.9



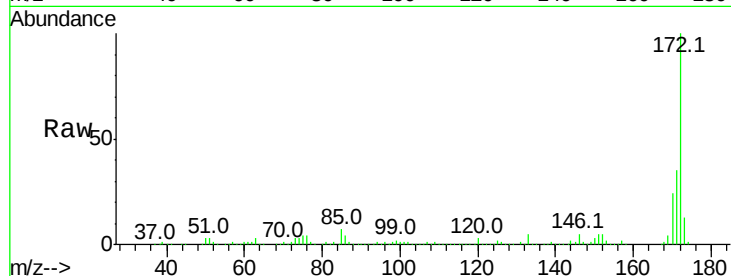


#44
 2-Fluorobiphenyl
 Concen: 78.379 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF099297.D
 Acq: 10 Oct 2017 13:20

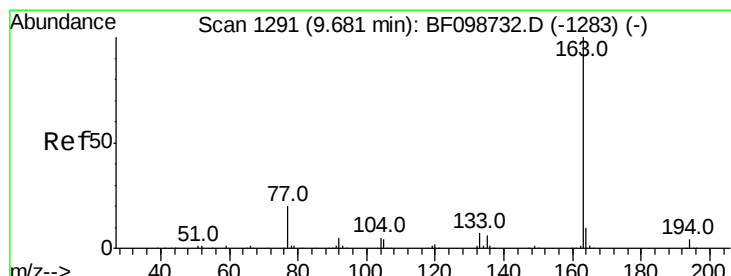
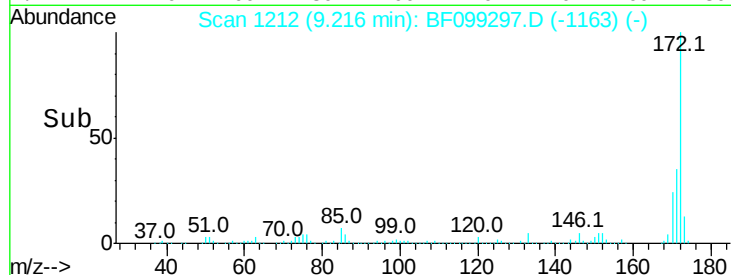
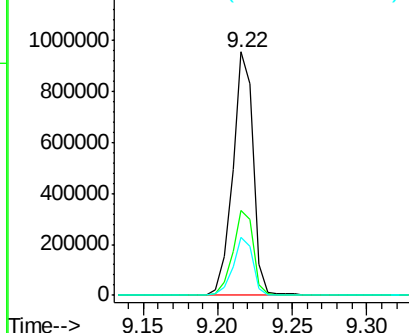
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 925529

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.7	44.5
170	23.7	19.6	29.4



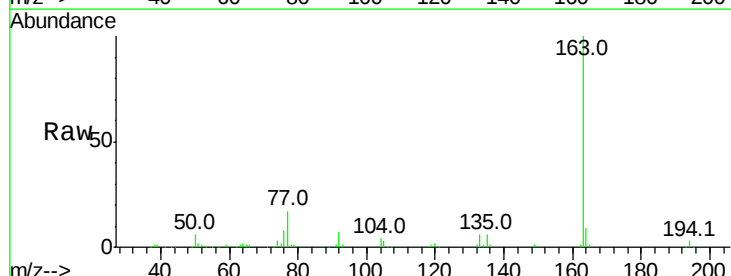
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



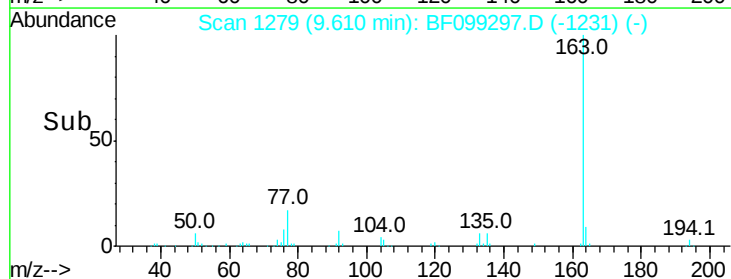
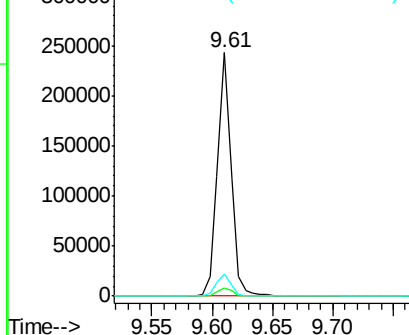
#49
 Dimethylphthalate
 Concen: 12.787 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BF099297.D
 Acq: 10 Oct 2017 13:20

Tgt Ion:163 Resp: 190253

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.3	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

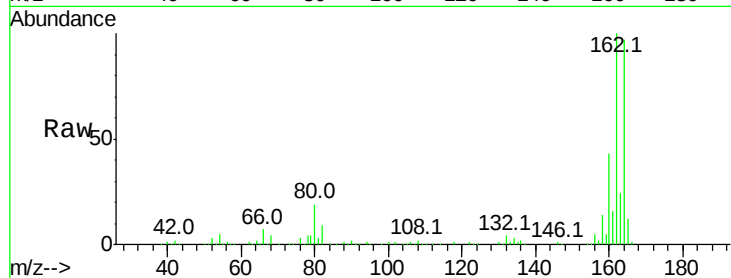




#56
 2,4-Dinitrotoluene
 Concen: 5.797 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099297.D
 Acq: 10 Oct 2017 13:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

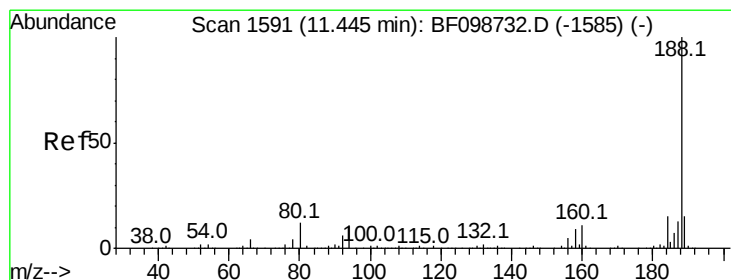
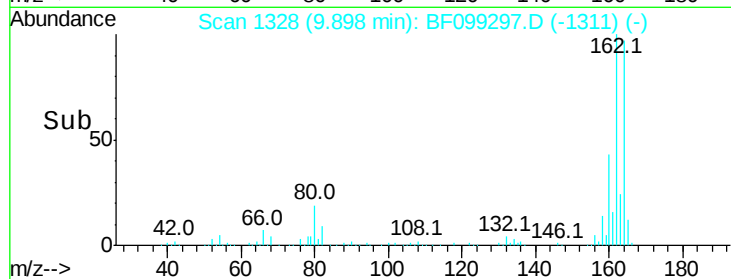
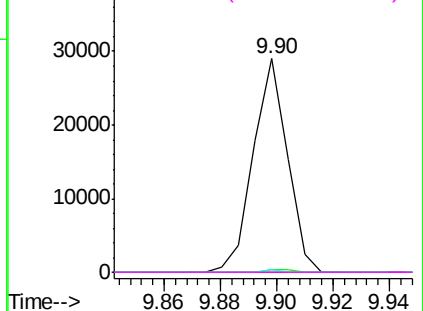


Abundance Ion 165.00 (164.70 to 165.70): E

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



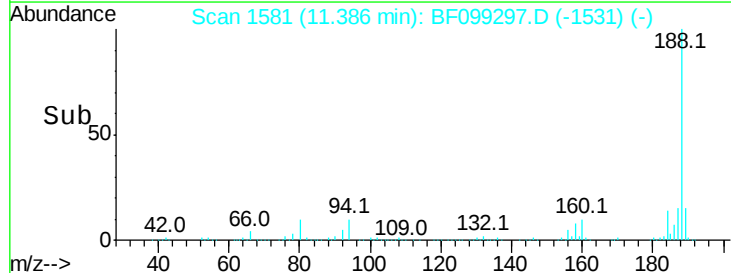
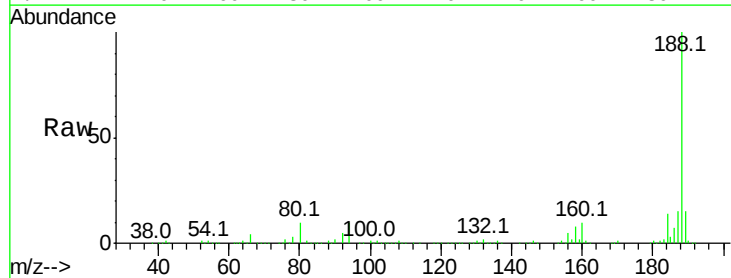
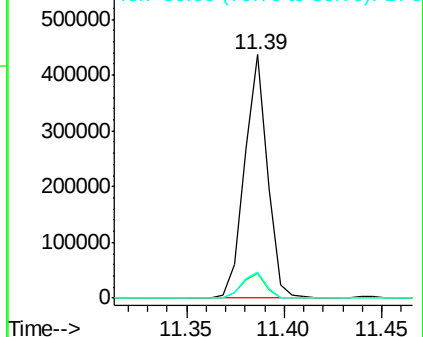
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099297.D
 Acq: 10 Oct 2017 13:20

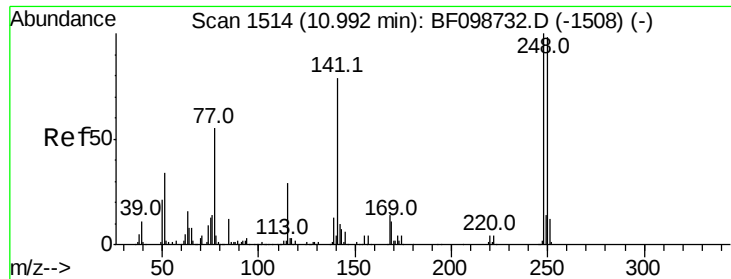
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.5	9.2	13.8

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

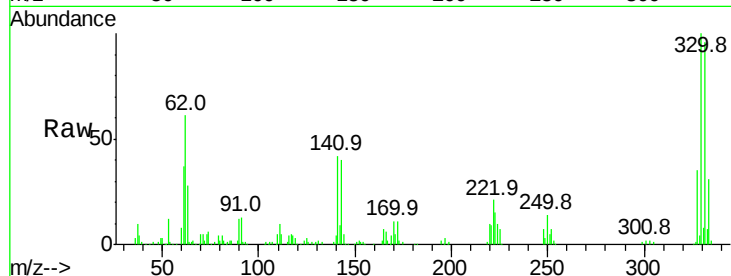




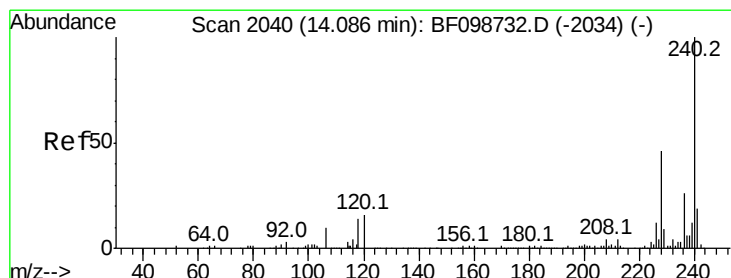
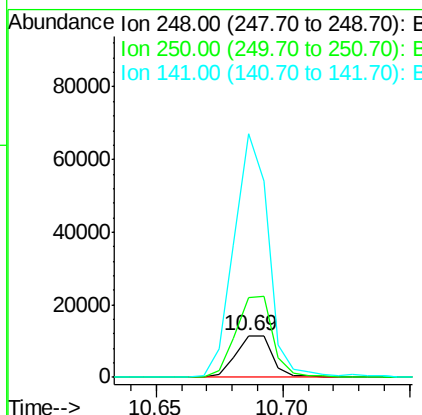
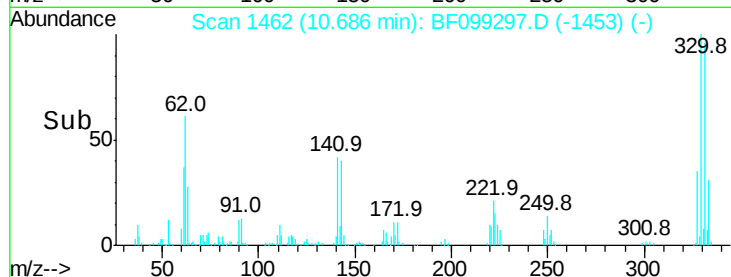
#66
 4-Bromophenyl-phenylether
 Concen: 3.312 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.25 min
 Lab File: BF099297.D
 Acq: 10 Oct 2017 13:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 11450
 Ion Ratio Lower Upper
 248 100
 250 191.5 76.9 115.3#
 141 586.9 74.4 111.6#

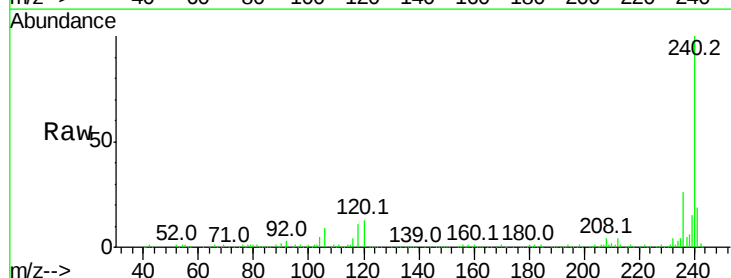


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

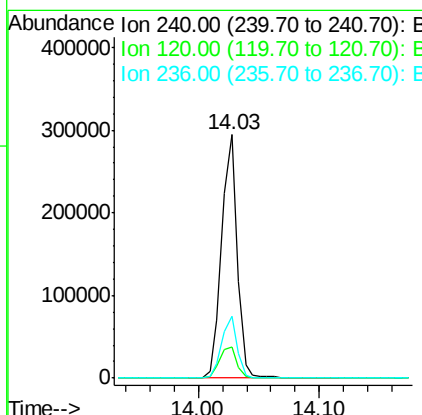
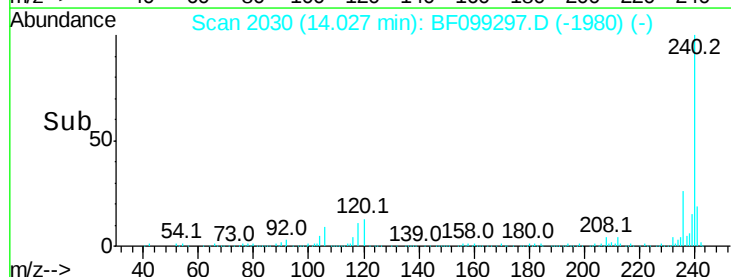


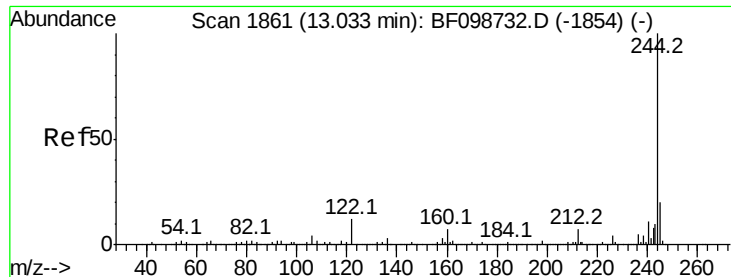
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF099297.D
 Acq: 10 Oct 2017 13:20

Tgt Ion:240 Resp: 262710
 Ion Ratio Lower Upper
 240 100
 120 12.9 9.5 14.3
 236 25.6 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: 71.351 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099297.D

Acq: 10 Oct 2017 13:20

Instrument :

BNA_F

ClientSampled :

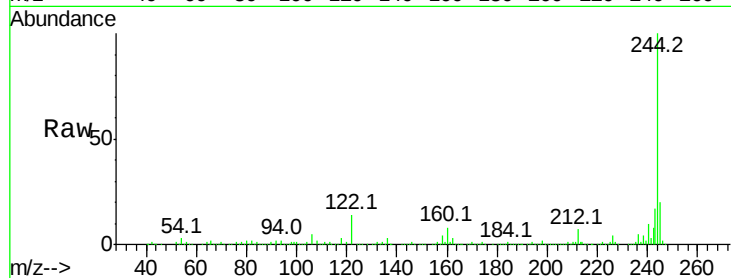
Tot Ion:244 Resp: 824229

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

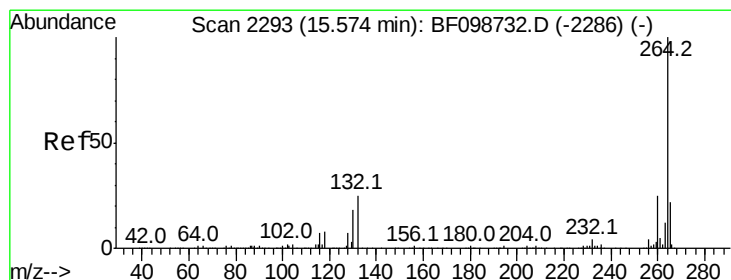
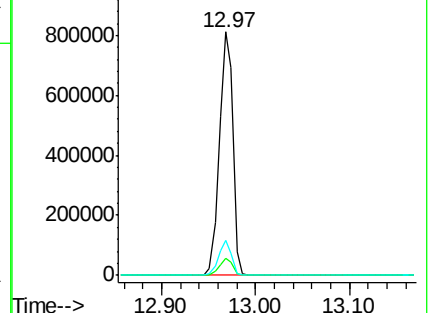
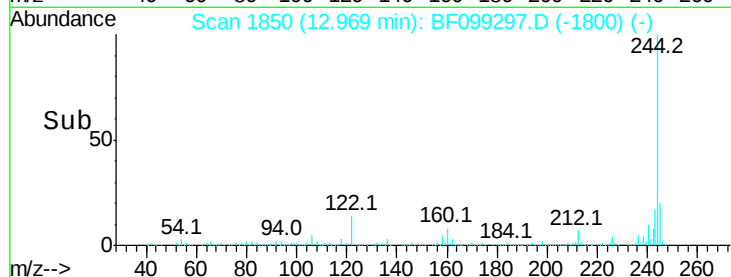
122 14.3 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF099297.D

Acq: 10 Oct 2017 13:20

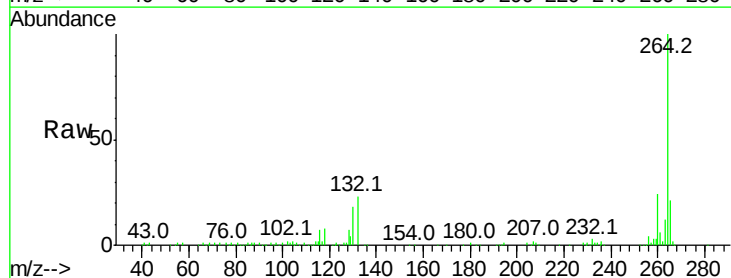
Tgt Ion:264 Resp: 174112

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 20.6 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

