

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099331.D
 Acq On : 11 Oct 2017 7:06
 Operator : SJ/JU
 Sample : I5749-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 11 07:33:12 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

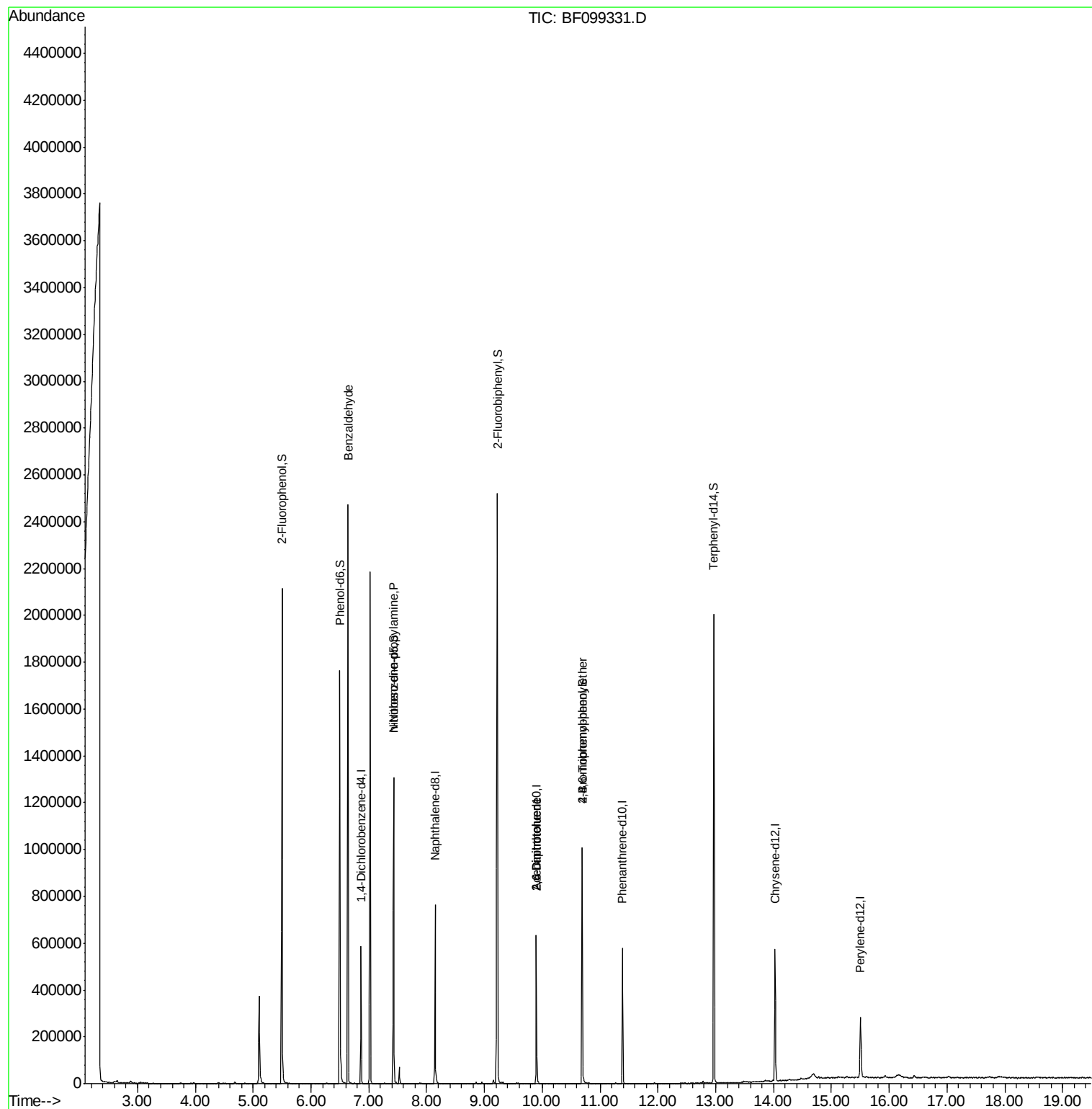
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	84657	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	324394	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	122845	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	197056	20.00	ng	0.00
75) Chrysene-d12	14.03	240	174299	20.00	ng	0.00
86) Perylene-d12	15.50	264	117990	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	631780	118.80	ng	0.02
7) Phenol-d6	6.50	99	635415	96.86	ng	0.00
23) Nitrobenzene-d5	7.43	82	453969	89.75	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	122592	121.96	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	841716	114.39	ng	0.00
78) Terphenyl-d14	12.97	244	671295	87.59	ng	0.00
Target Compounds						
9) Benzaldehyde	6.64	77	13255	3.48	ng	Qvalue 92
19) n-Nitroso-di-n-propylamine	7.43	70	57136	13.64	ng	# 76
50) 2,6-Dinitrotoluene	9.90	165	15105	7.48	ng	# 24
56) 2,4-Dinitrotoluene	9.90	165	15105	5.77	ng	# 21
66) 4-Bromophenyl-phenylether	10.69	248	8138	4.22	ng	# 1

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

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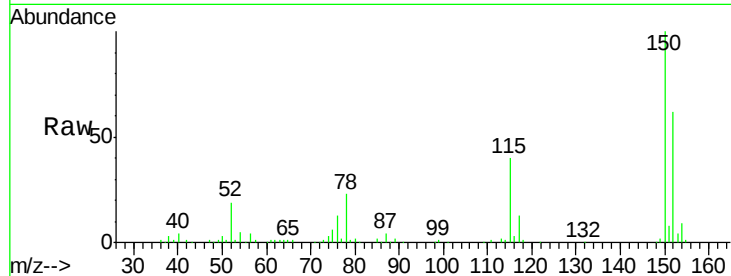


#1

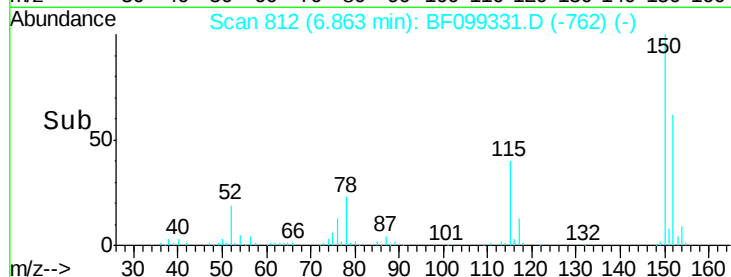
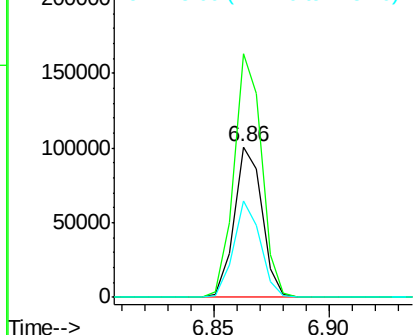
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099331.D
Acq: 11 Oct 2017 7:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 84657
Ion Ratio Lower Upper
152 100
150 161.9 124.6 186.8
115 64.2 50.1 75.1



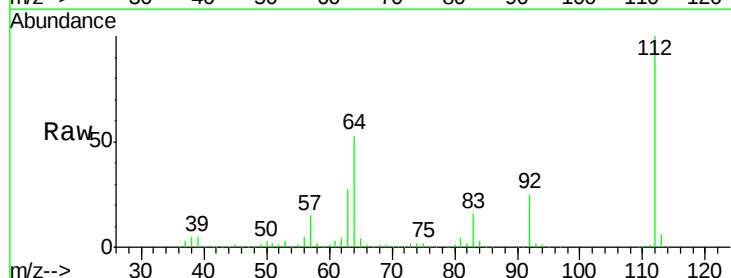
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



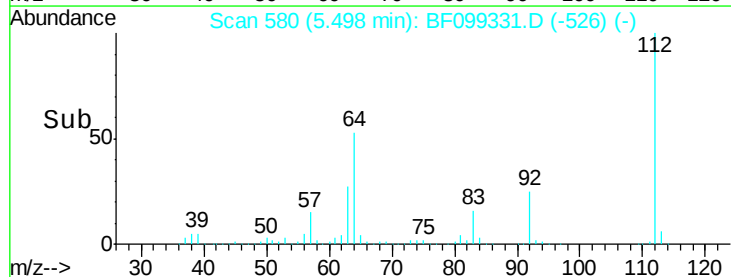
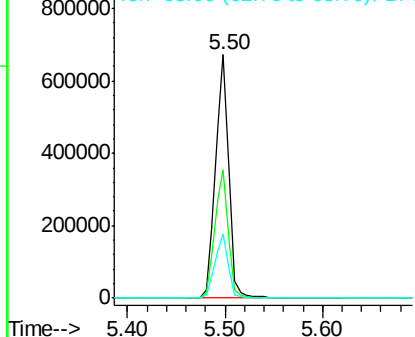
#5

2-Fluorophenol
Concen: 118.80 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.02 min
Lab File: BF099331.D
Acq: 11 Oct 2017 7:06

Tgt Ion:112 Resp: 631780
Ion Ratio Lower Upper
112 100
64 52.9 47.9 71.9
63 26.6 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: 96.86 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099331.D

Acq: 11 Oct 2017 7:06

Instrument :

BNA_F

ClientSampled :

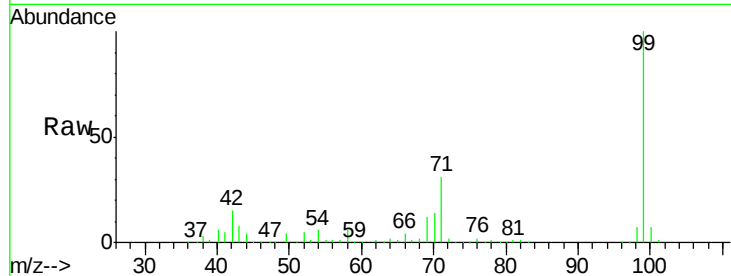
Tot Ion: 99 Resp: 635415

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

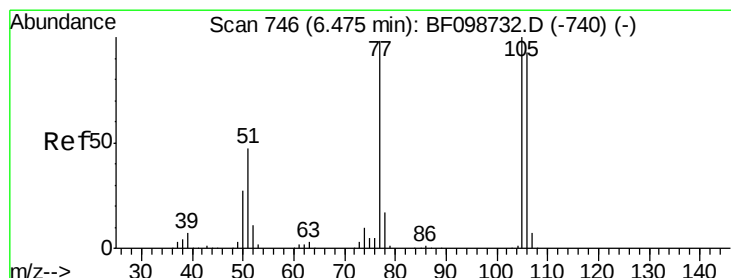
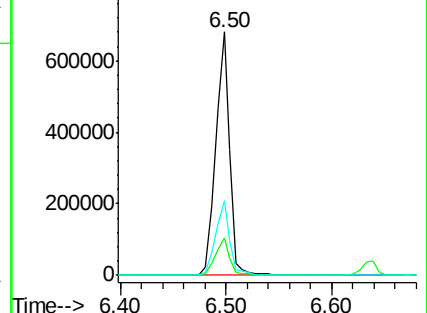
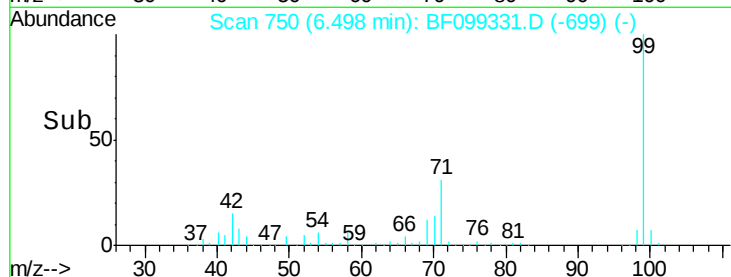
71 30.8 25.4 38.0



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: 3.48 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.22 min

Lab File: BF099331.D

Acq: 11 Oct 2017 7:06

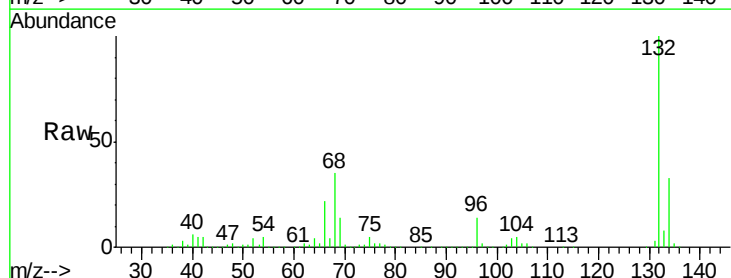
Tgt Ion: 77 Resp: 13255

Ion Ratio Lower Upper

77 100

105 92.5 81.1 121.1

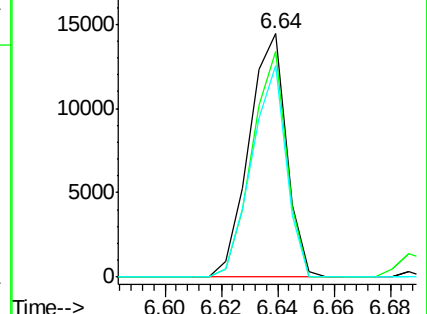
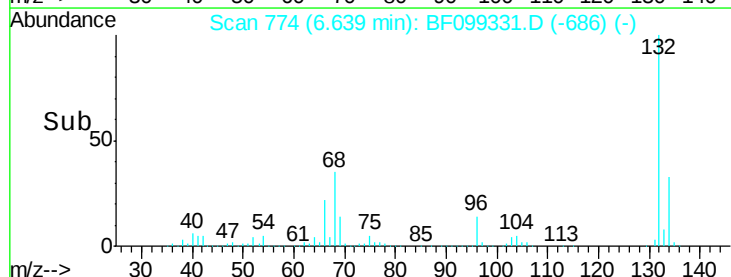
106 87.2 74.5 114.5



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

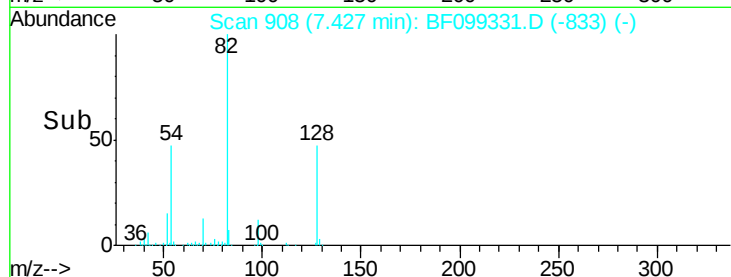
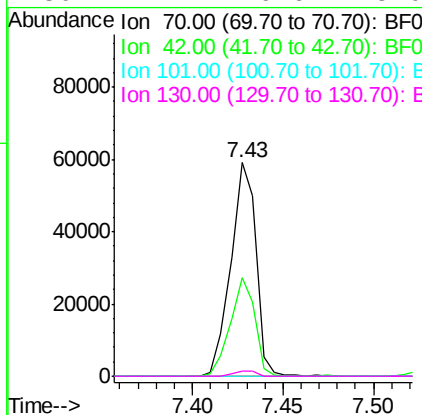
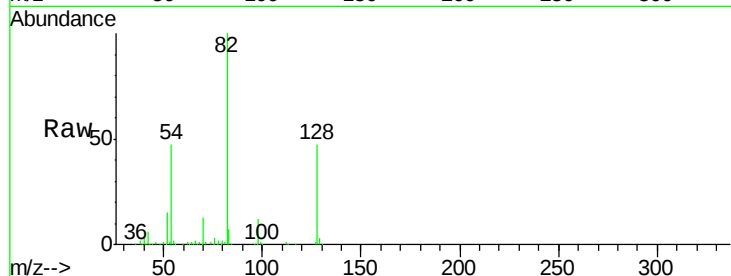




#19
n-Nitroso-di-n-propylamine
Concen: 13.64 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF099331.D
Acq: 11 Oct 2017 7:06

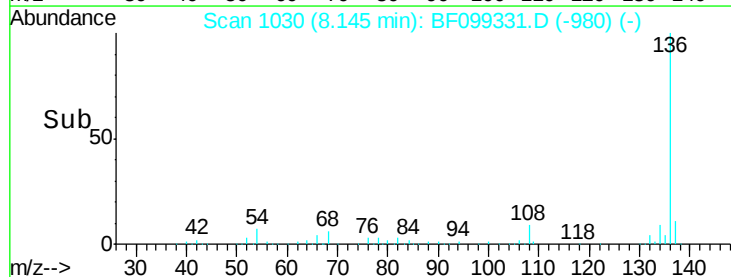
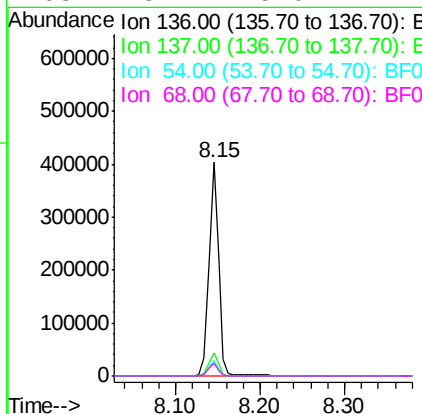
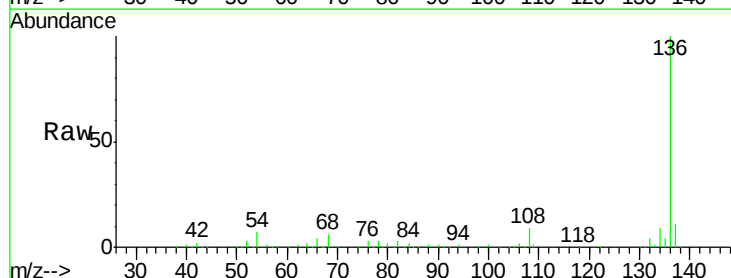
Instrument :
BNA_F
ClientSampleId :

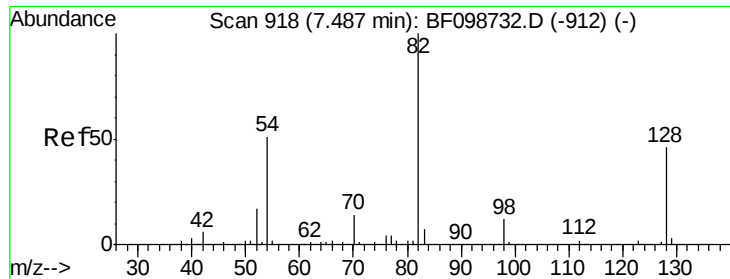
Tot Ion: 70 Resp: 57136
Ion Ratio Lower Upper
70 100
42 45.9 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099331.D
Acq: 11 Oct 2017 7:06

Tgt Ion: 136 Resp: 324394
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.2 6.6 9.8
68 5.7 5.0 7.4

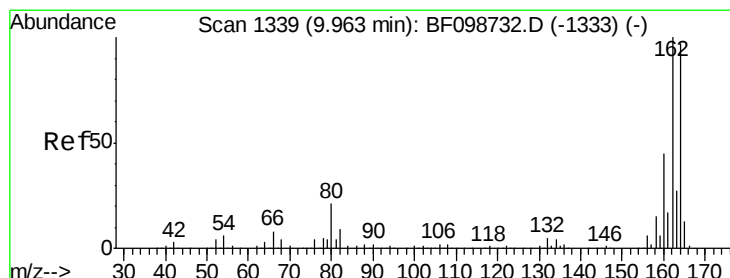
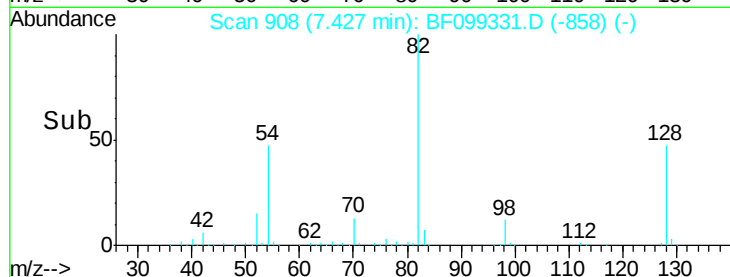
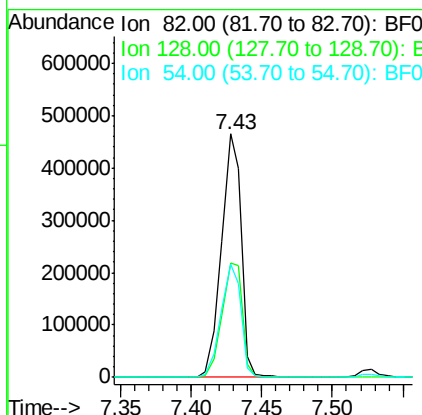
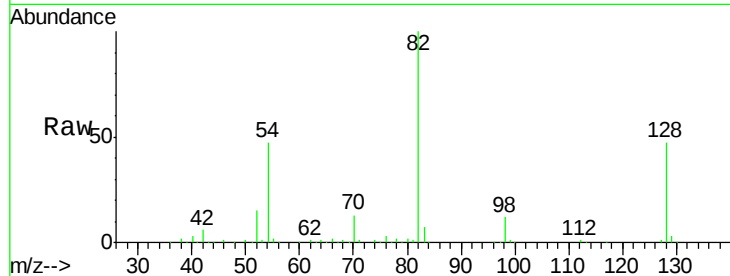




#23
 Nitrobenzene-d5
 Concen: 89.75 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099331.D
 Acq: 11 Oct 2017 7:06

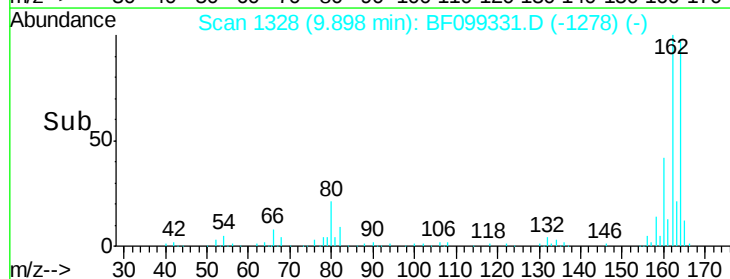
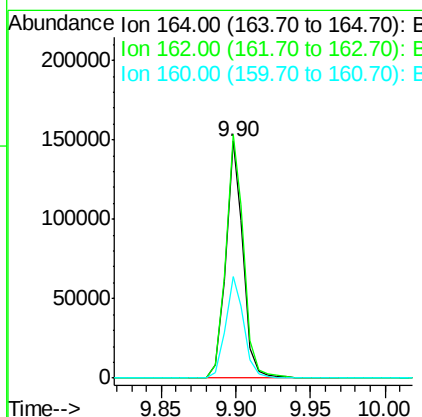
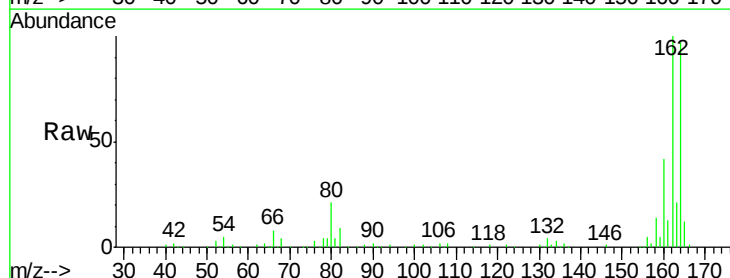
Instrument :
 BNA_F
 ClientSampleId :

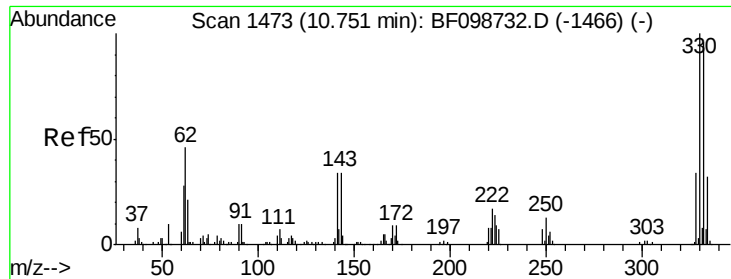
Tot Ion	82	Resp	453969
Ion Ratio	Lower	Upper	
82	100		
128	47.0	36.1	54.1
54	46.6	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099331.D
 Acq: 11 Oct 2017 7:06

Tgt Ion	164	Resp	122845
Ion Ratio	Lower	Upper	
164	100		
162	102.8	86.1	129.1
160	42.8	38.3	57.5

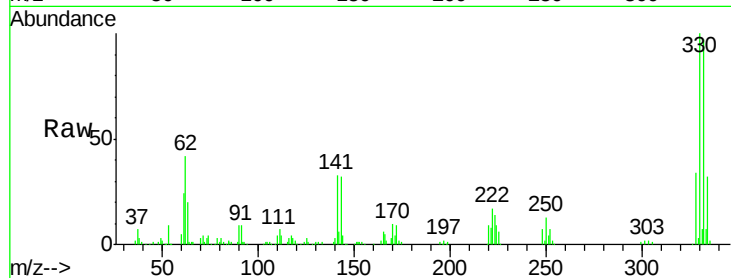




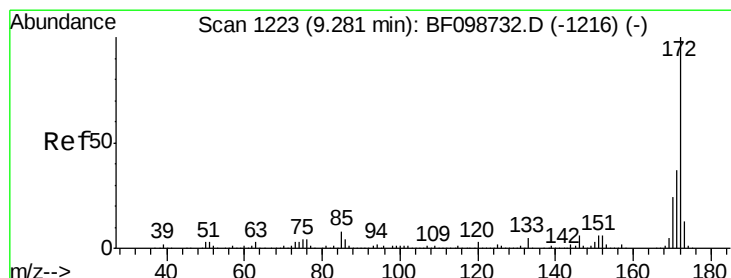
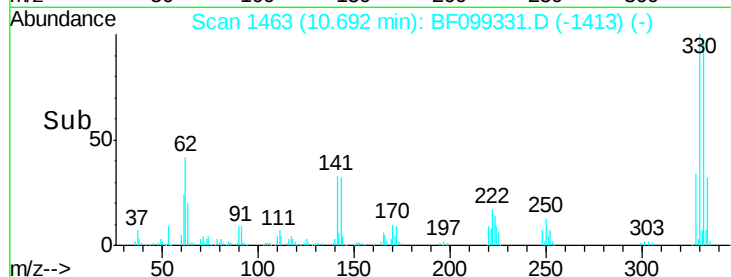
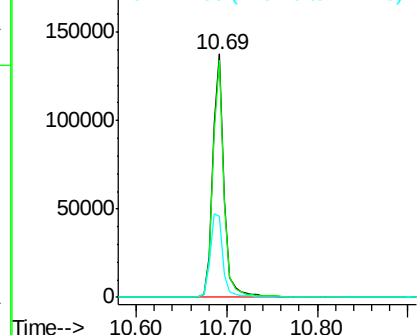
#41
 2,4,6-Tribromophenol
 Concen: 121.96 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099331.D
 Acq: 11 Oct 2017 7:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	38.7	29.9	44.9

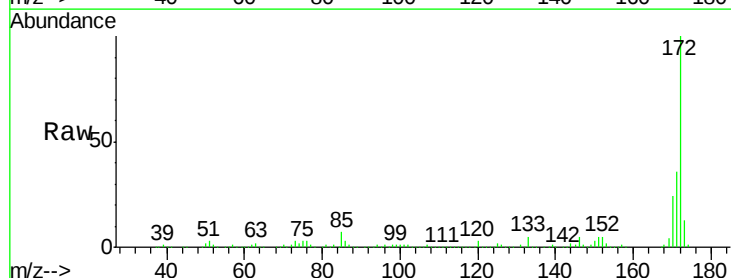


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

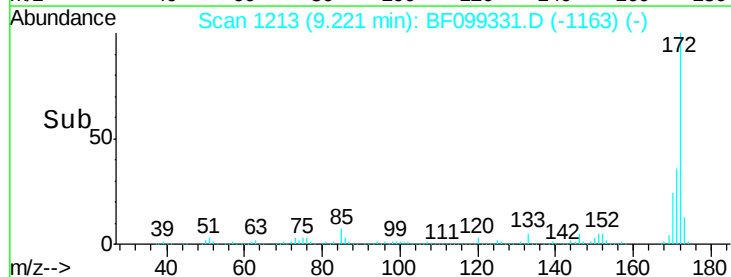
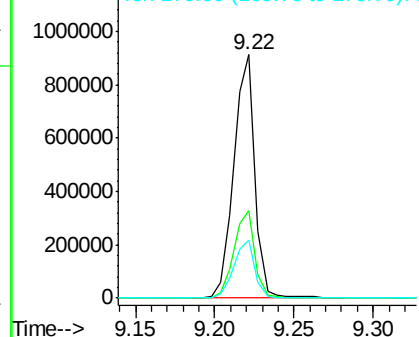


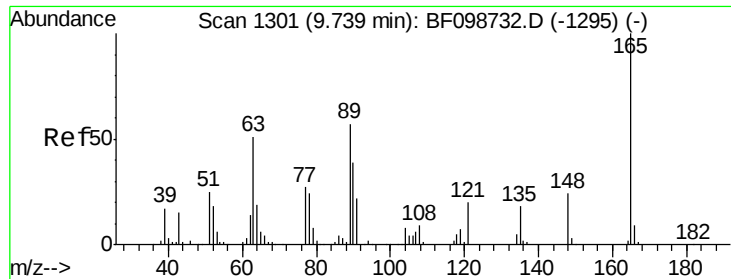
#44
 2-Fluorobiphenyl
 Concen: 114.39 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099331.D
 Acq: 11 Oct 2017 7:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	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

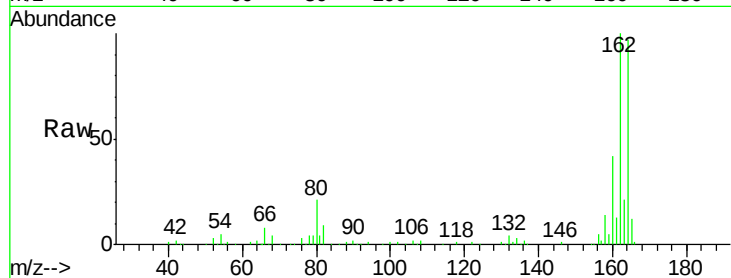




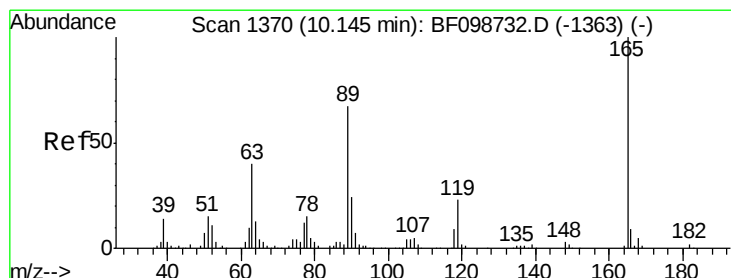
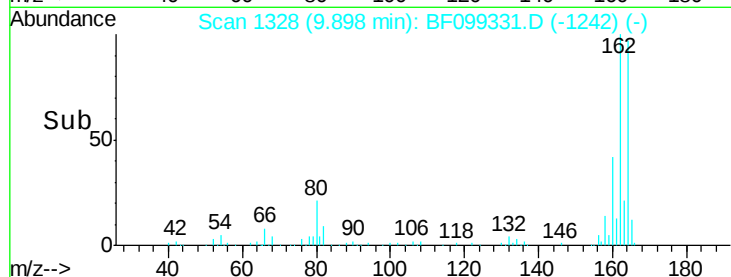
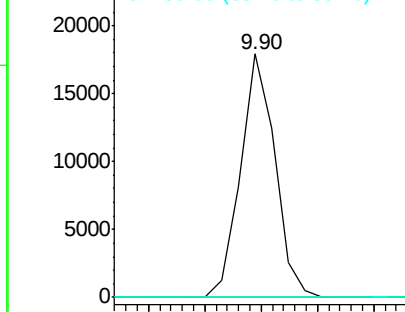
#50
2,6-Dinitrotoluene
Concen: 7.48 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.21 min
Lab File: BF099331.D
Acq: 11 Oct 2017 7:06

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#

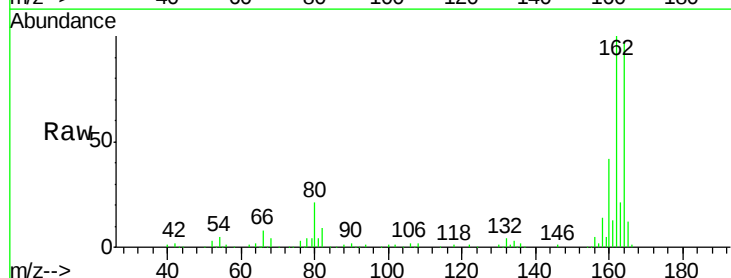


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

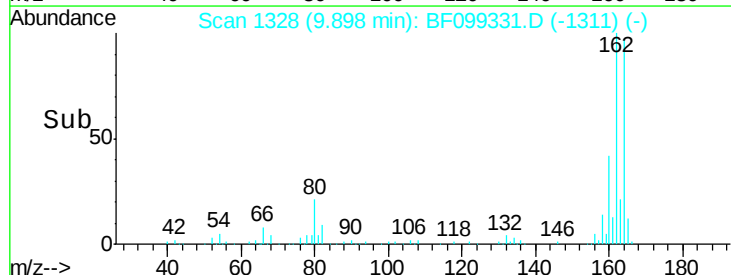
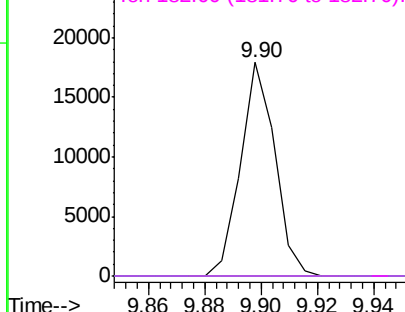


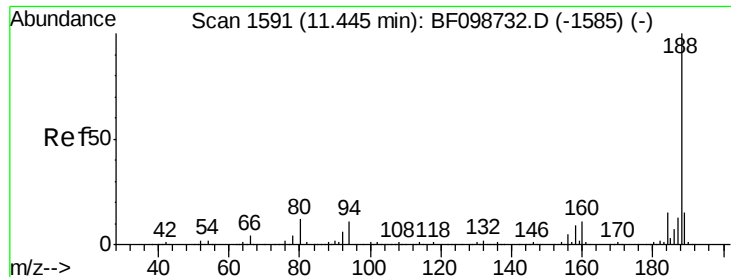
#56
2,4-Dinitrotoluene
Concen: 5.77 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.20 min
Lab File: BF099331.D
Acq: 11 Oct 2017 7:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	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

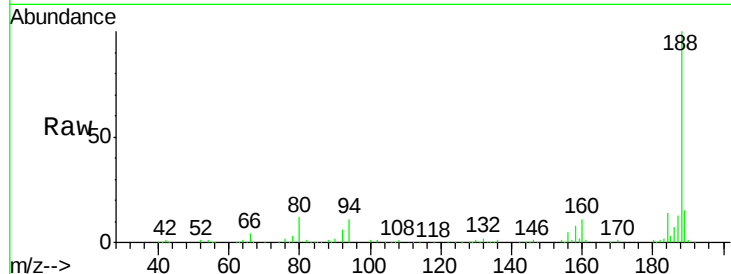




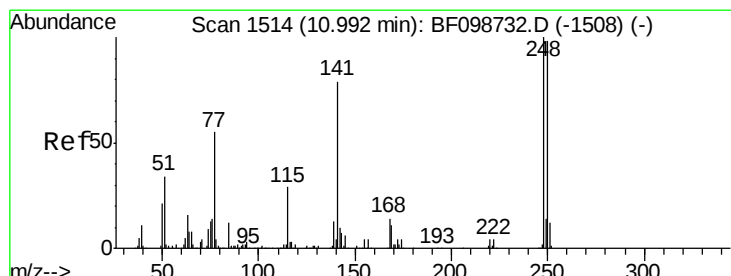
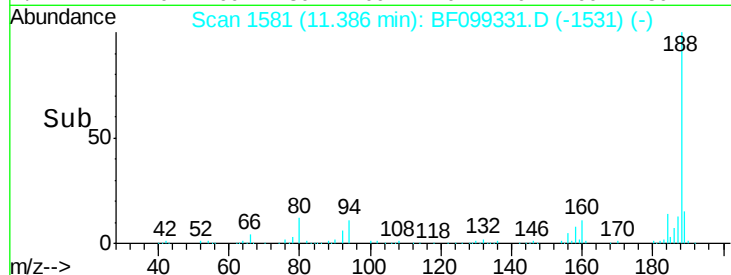
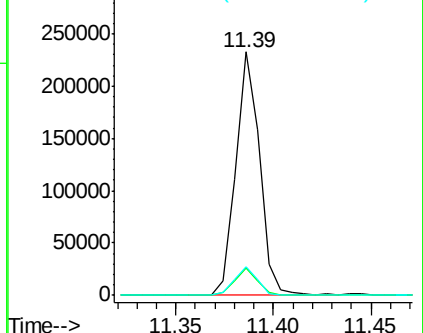
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099331.D
Acq: 11 Oct 2017 7:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 197056
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 11.7 9.2 13.8

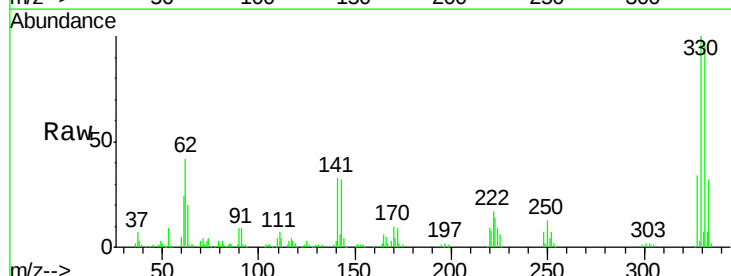


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

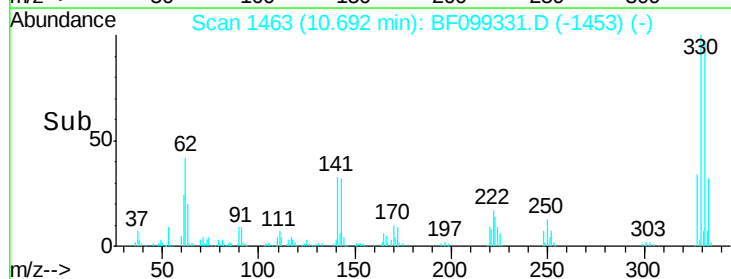
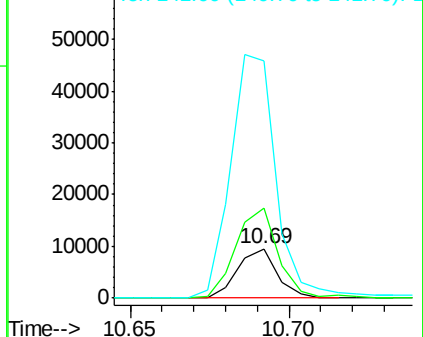


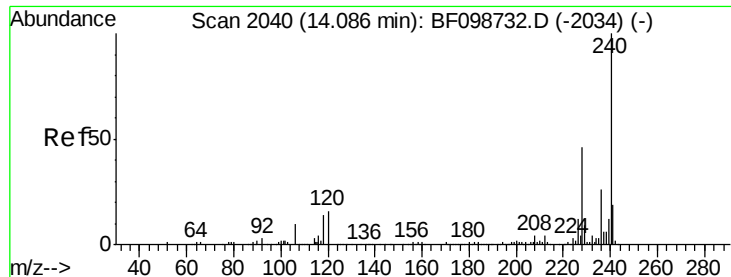
#66
4-Bromophenyl-phenylether
Concen: 4.22 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.24 min
Lab File: BF099331.D
Acq: 11 Oct 2017 7:06

Tgt Ion:248 Resp: 8138
Ion Ratio Lower Upper
248 100
250 182.6 76.9 115.3#
141 482.8 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: 20.00 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF099331.D

Acq: 11 Oct 2017 7:06

Instrument :

BNA_F

ClientSampleId :

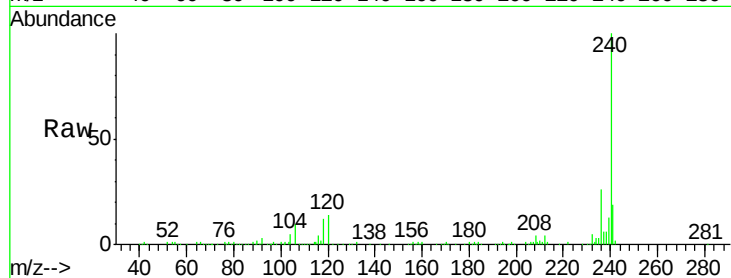
Tot Ion:240 Resp: 174299

Ion Ratio Lower Upper

240 100

120 14.3 9.5 14.3#

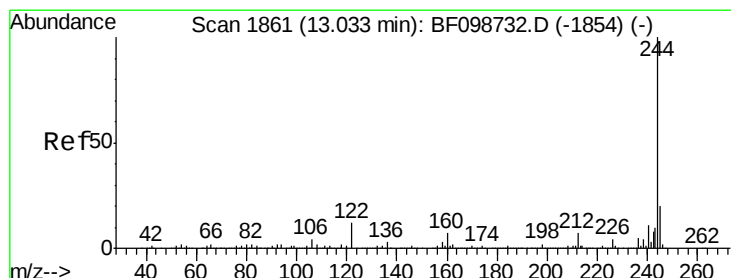
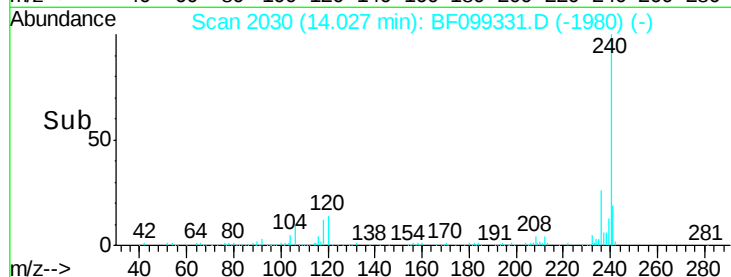
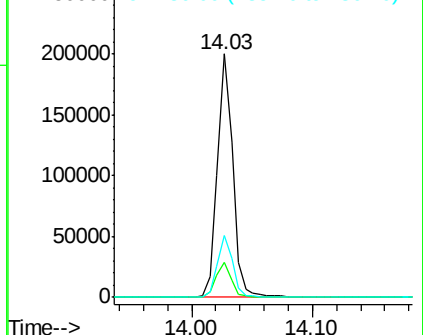
236 25.6 20.7 31.1



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: 87.59 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099331.D

Acq: 11 Oct 2017 7:06

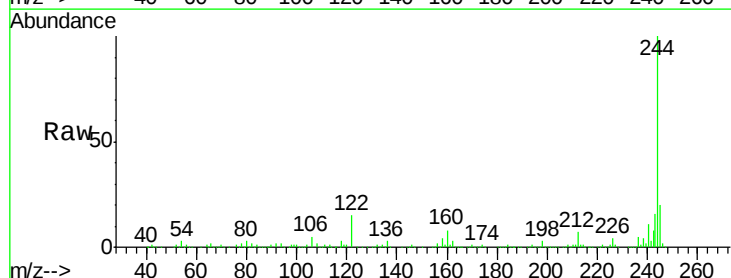
Tgt Ion:244 Resp: 671295

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

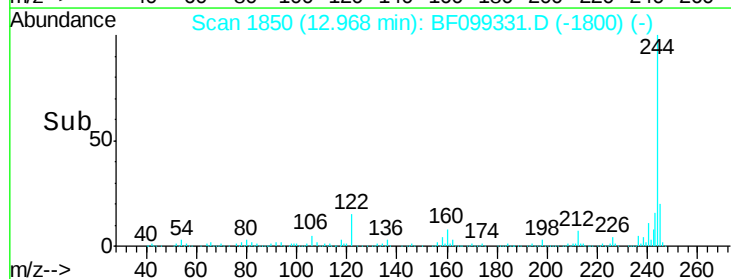
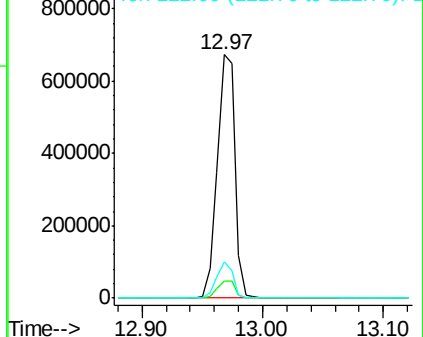
122 14.9 11.0 16.4

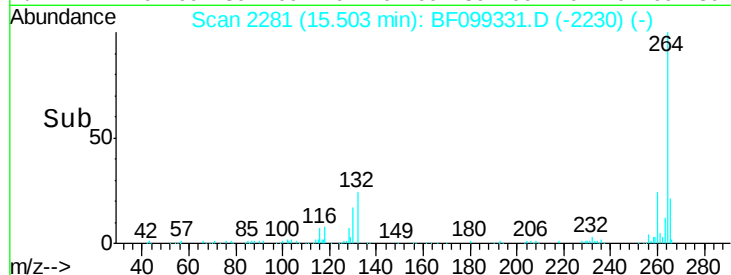
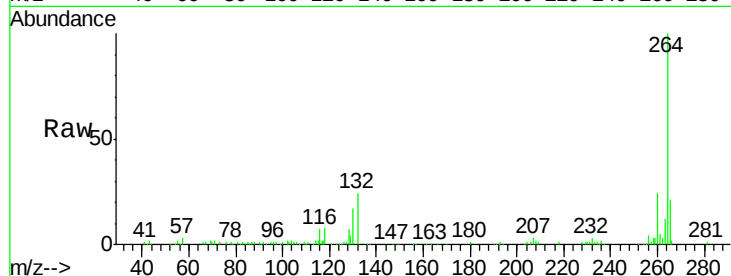
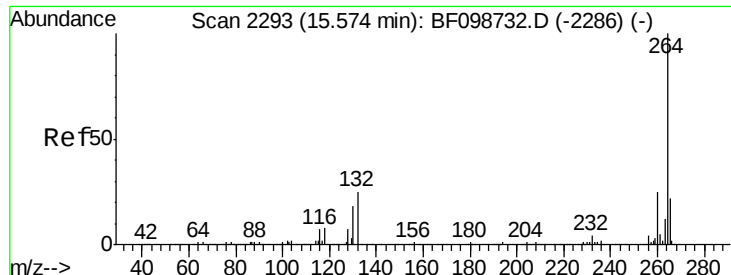


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF099331.D
Acq: 11 Oct 2017 7:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264	Resp:	117990
Ion Ratio	Lower	Upper
264	100	
260	23.7	19.2 28.8
265	21.4	17.5 26.3

