

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
 Data File : BF099732.D
 Acq On : 21 Oct 2017 17:16
 Operator : SJ/JU
 Sample : I5950-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 22 00:46:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

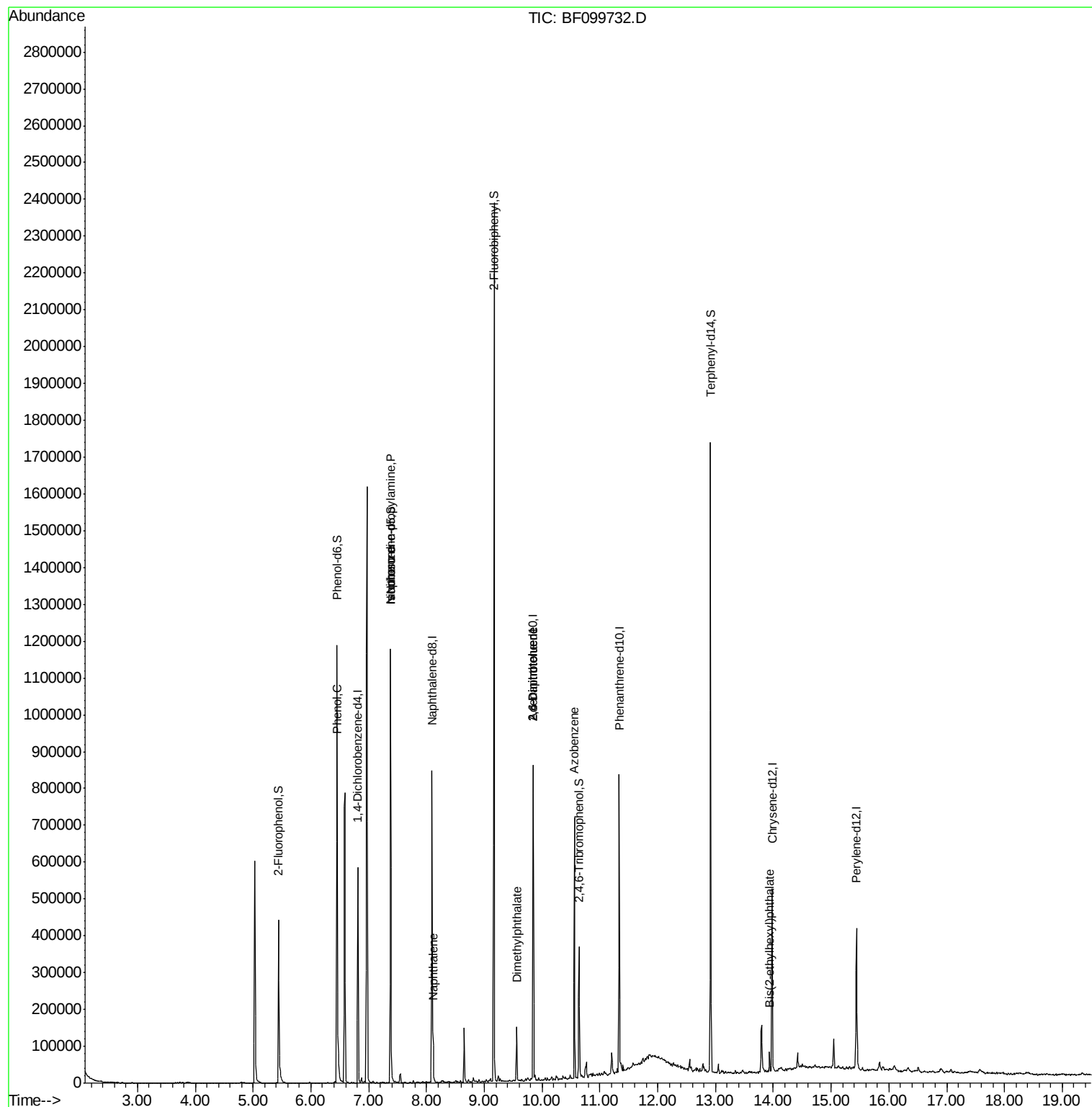
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	91000	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	378632	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	173939	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	292737	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	164725	20.00	ng	0.00
86) Perylene-d12	15.44	264	161510	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	163670	28.63	ng	0.00
7) Phenol-d6	6.45	99	451709	64.06	ng	-0.01
23) Nitrobenzene-d5	7.38	82	379220	64.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	38158	26.81	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	748026	71.79	ng	0.00
78) Terphenyl-d14	12.92	244	552339	76.26	ng	0.00
Target Compounds						
10) Phenol	6.46	94	20857	2.645	ng	87
19) n-Nitroso-di-n-propylamine	7.38	70	47815	10.620	ng	# 73
25) Isophorone	7.38	82	379220	31.066	ng	# 64
31) Naphthalene	8.12	128	43914	2.469	ng	98
49) Dimethylphthalate	9.56	163	56642	4.315	ng	99
50) 2,6-Dinitrotoluene	9.85	165	22266	7.791	ng	# 25
56) 2,4-Dinitrotoluene	9.85	165	22266	6.003	ng	# 22
62) Azobenzene	10.56	77	119730	10.151	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.94	149	18464	2.271	ng	98

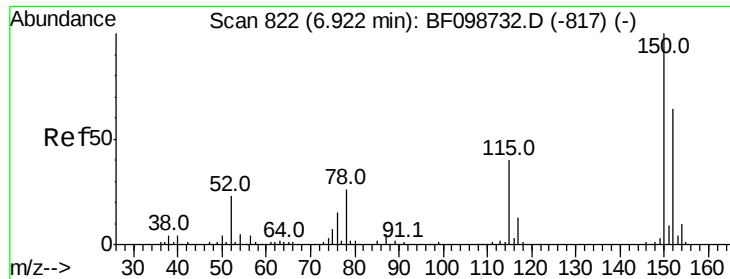
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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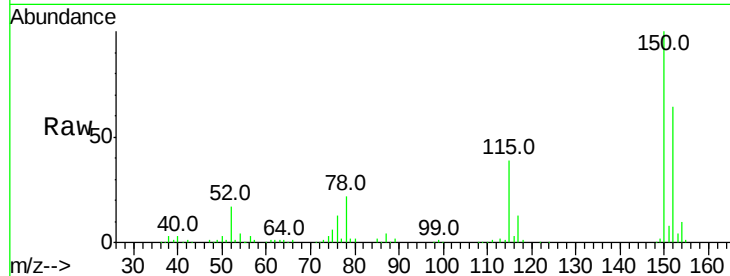


#1

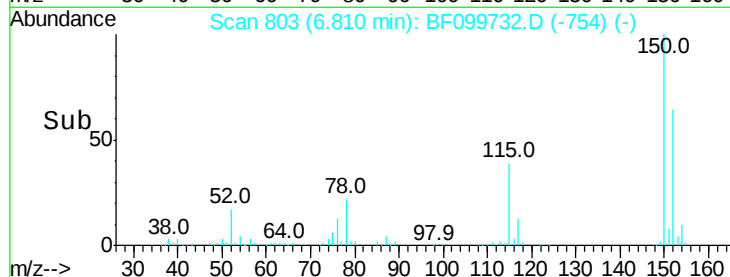
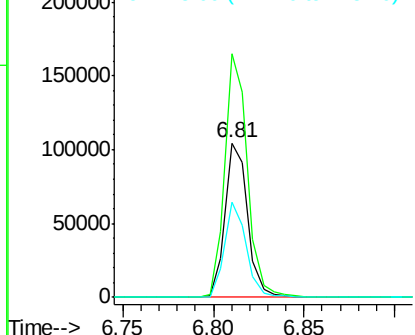
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF099732.D
Acq: 21 Oct 2017 17:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 91000
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 61.2 50.1 75.1



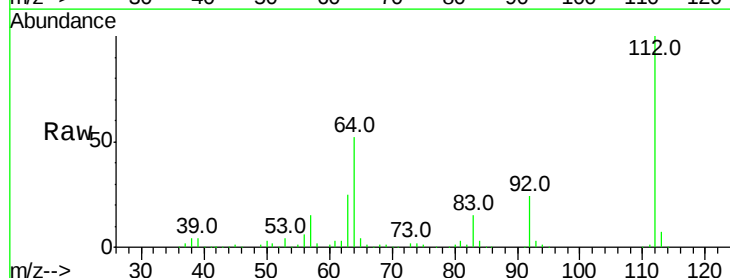
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



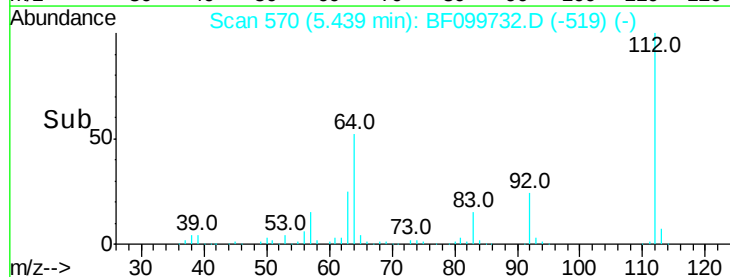
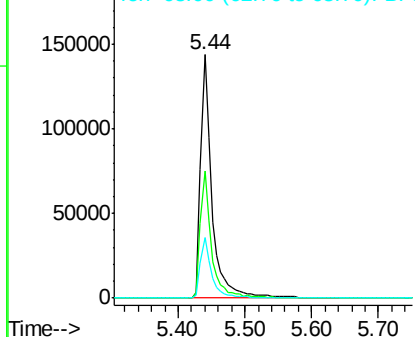
#5

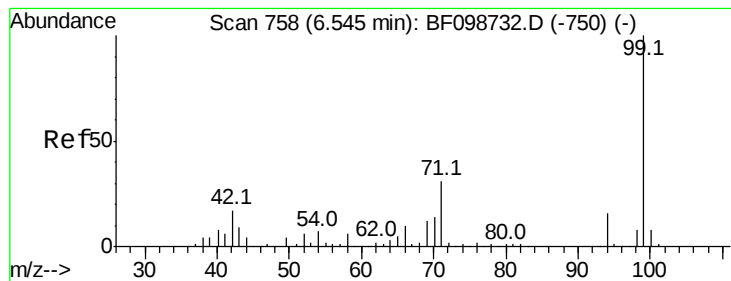
2-Fluorophenol
Concen: 28.631 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF099732.D
Acq: 21 Oct 2017 17:16

Tgt Ion:112 Resp: 163670
Ion Ratio Lower Upper
112 100
64 52.2 47.9 71.9
63 24.9 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: 64.055 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF099732.D

Acq: 21 Oct 2017 17:16

Instrument :

BNA_F

ClientSampleId :

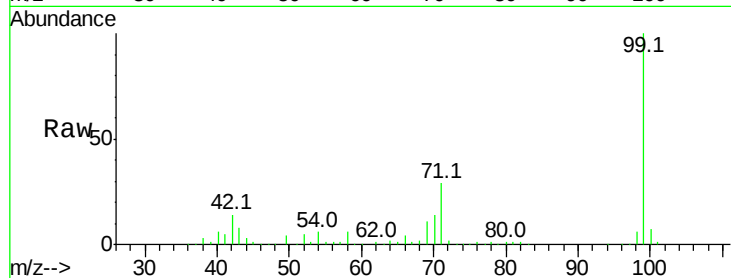
Tot Ion: 99 Resp: 451709

Ion Ratio Lower Upper

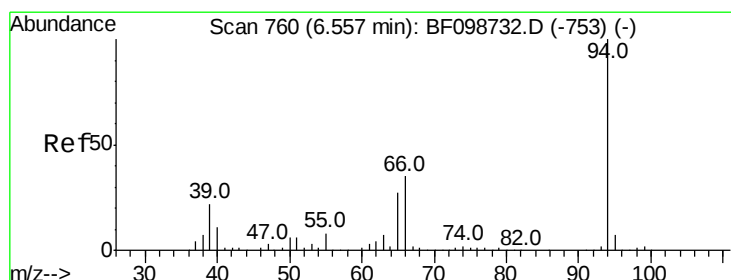
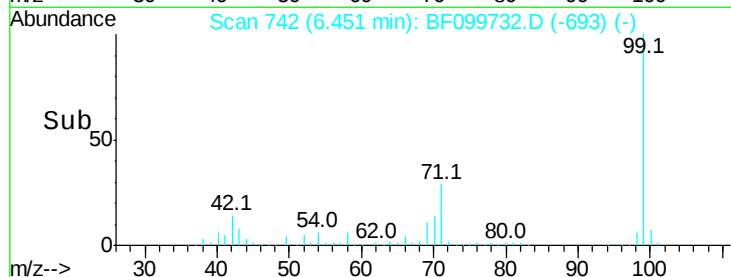
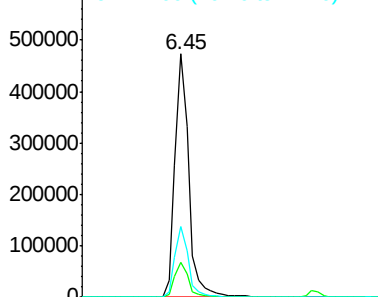
99 100

42 14.4 14.5 21.7#

71 29.3 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



#10

Phenol

Concen: 2.645 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF099732.D

Acq: 21 Oct 2017 17:16

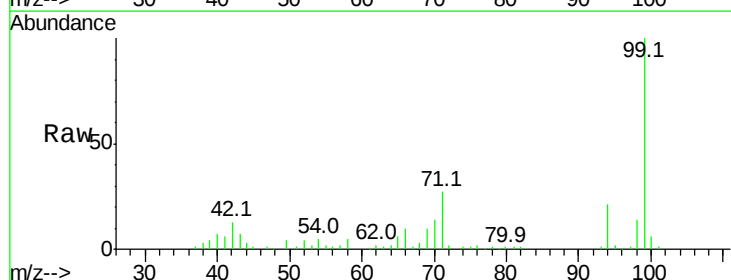
Tgt Ion: 94 Resp: 20857

Ion Ratio Lower Upper

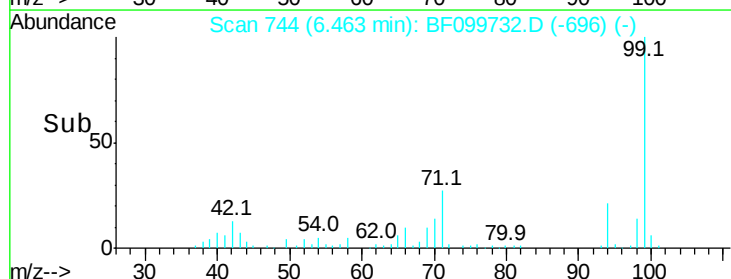
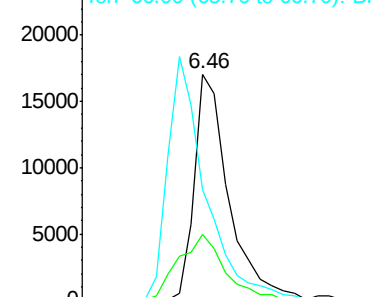
94 100

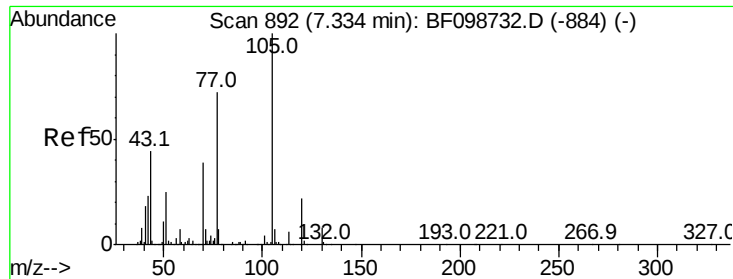
65 28.8 7.9 47.9

66 48.9 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

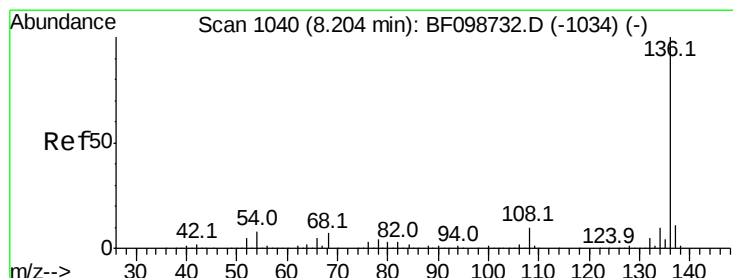
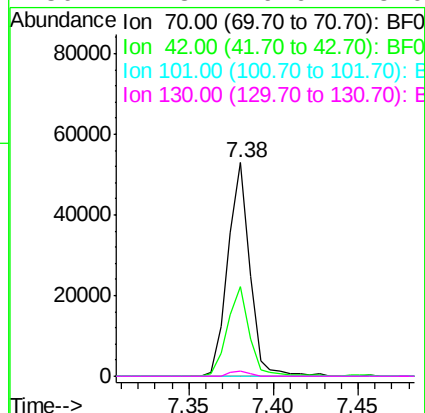
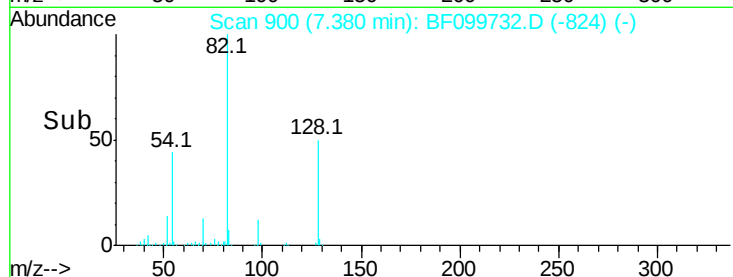
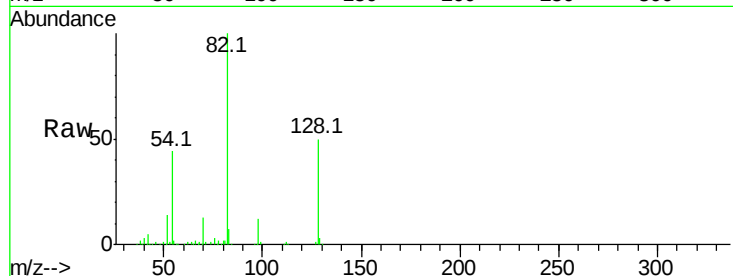




#19
n-Nitroso-di-n-propylamine
Concen: 10.620 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.15 min
Lab File: BF099732.D
Acq: 21 Oct 2017 17:16

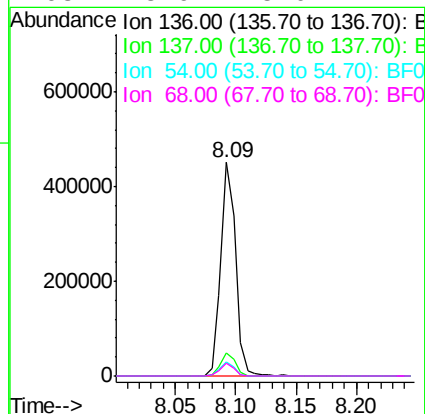
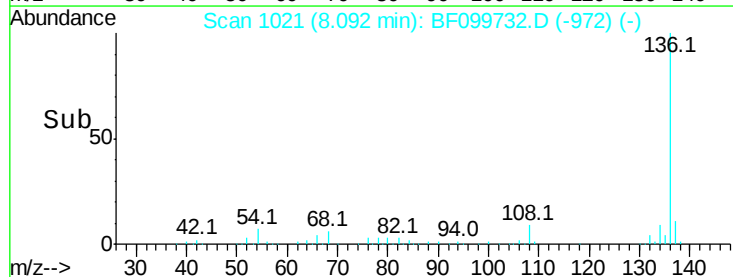
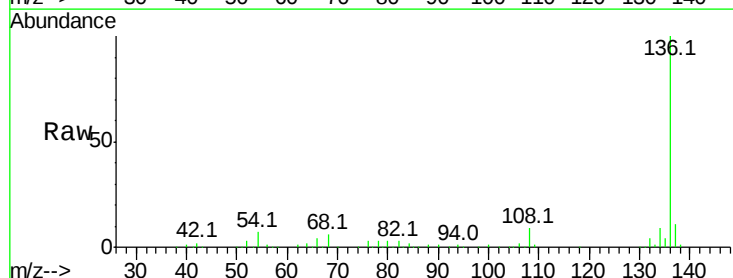
Instrument :
BNA_F
ClientSampleId :

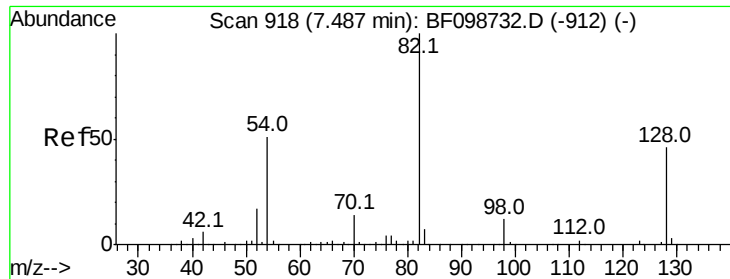
Tot Ion: 70 Resp: 47815
Ion Ratio Lower Upper
70 100
42 42.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF099732.D
Acq: 21 Oct 2017 17:16

Tgt Ion:136 Resp: 378632
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.8 6.6 9.8
68 5.9 5.0 7.4

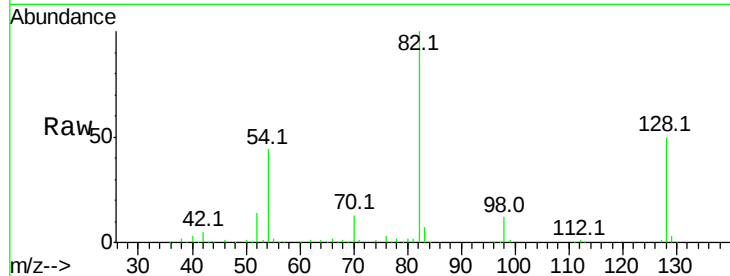




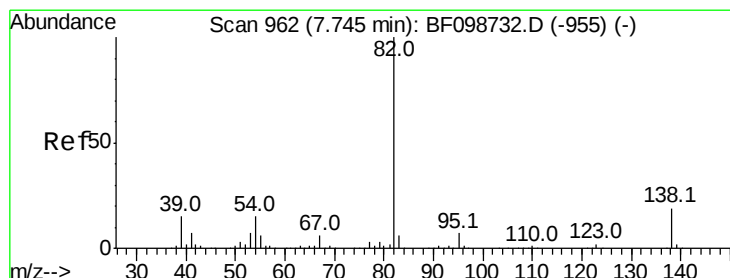
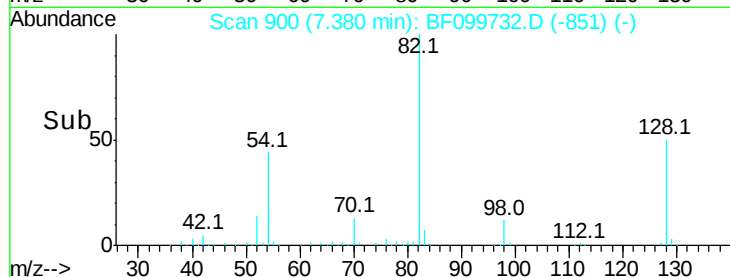
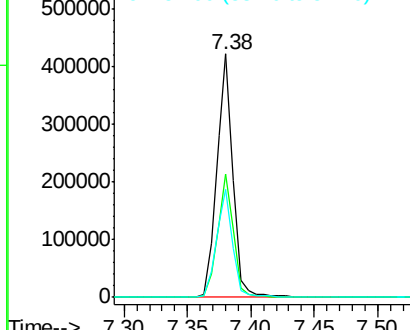
#23
 Nitrobenzene-d5
 Concen: 64.230 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF099732.D
 Acq: 21 Oct 2017 17:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 379220
 Ion Ratio Lower Upper
 82 100
 128 50.4 36.1 54.1
 54 44.4 41.4 62.2

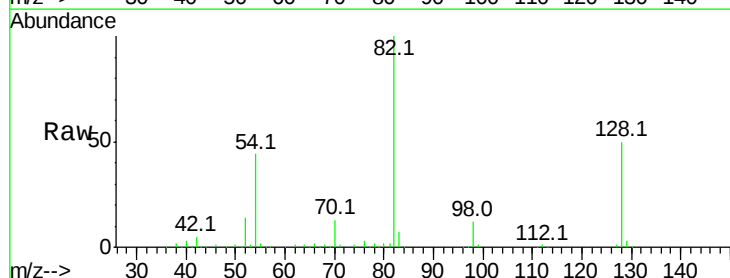


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

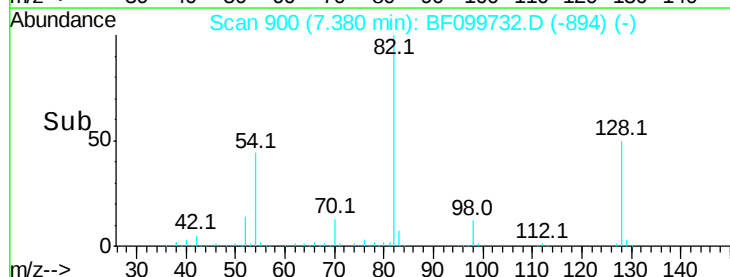
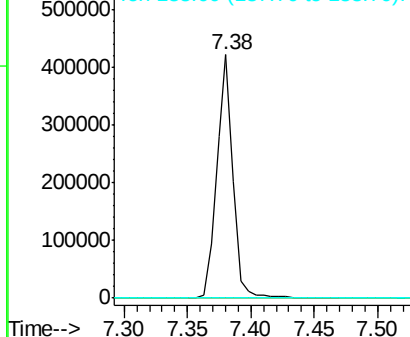


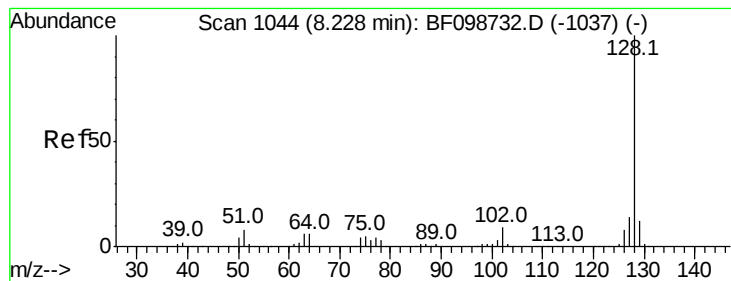
#25
 Isophorone
 Concen: 31.066 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.26 min
 Lab File: BF099732.D
 Acq: 21 Oct 2017 17:16

Tgt Ion: 82 Resp: 379220
 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): BF0





#31

Naphthalene

Concen: 2.469 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF099732.D

Acq: 21 Oct 2017 17:16

Instrument :

BNA_F

ClientSampleId :

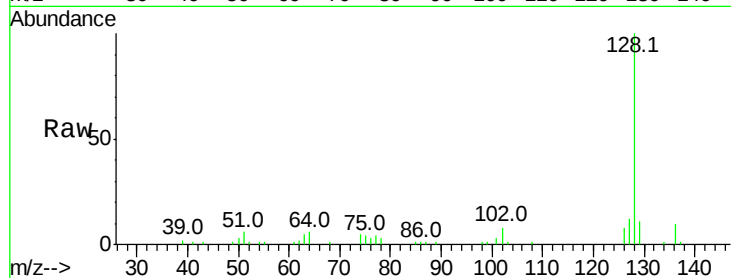
Tot Ion:128 Resp: 43914

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

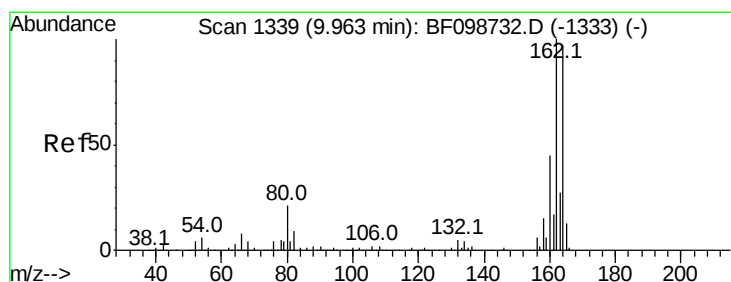
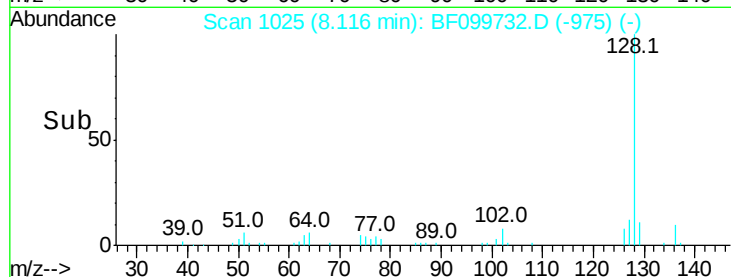
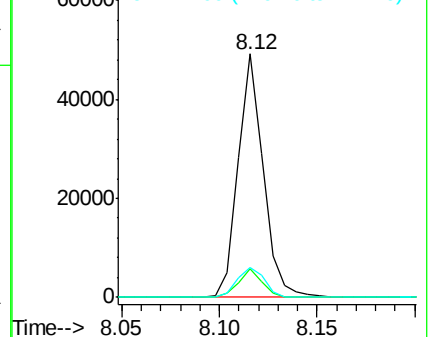
127 12.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF099732.D

Acq: 21 Oct 2017 17:16

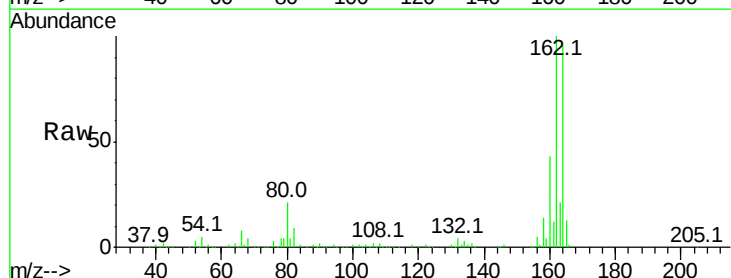
Tgt Ion:164 Resp: 173939

Ion Ratio Lower Upper

164 100

162 103.6 86.1 129.1

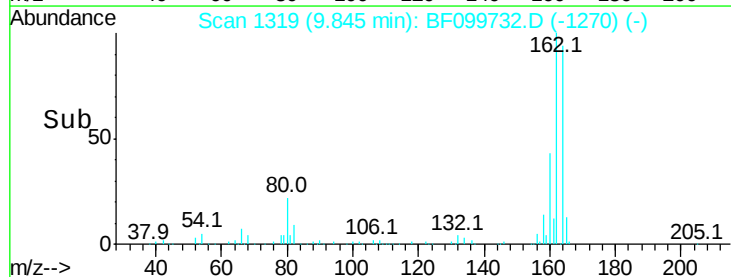
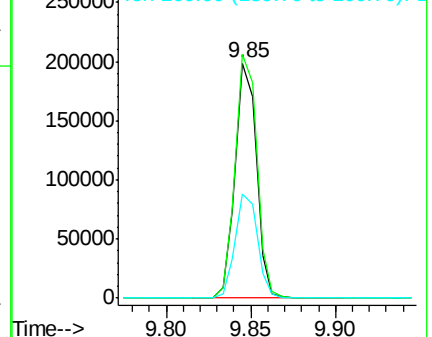
160 44.1 38.3 57.5

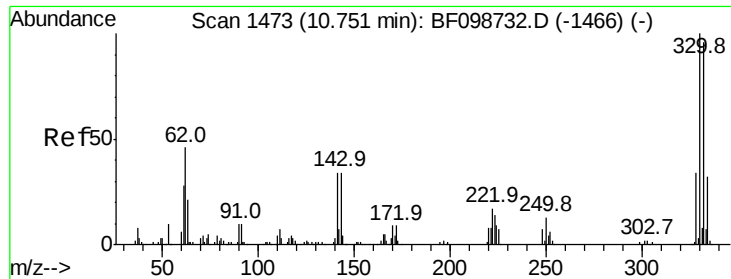


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

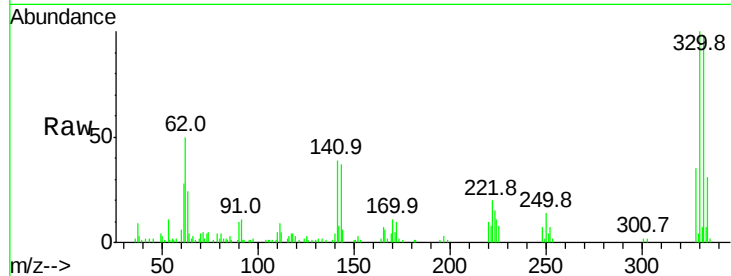




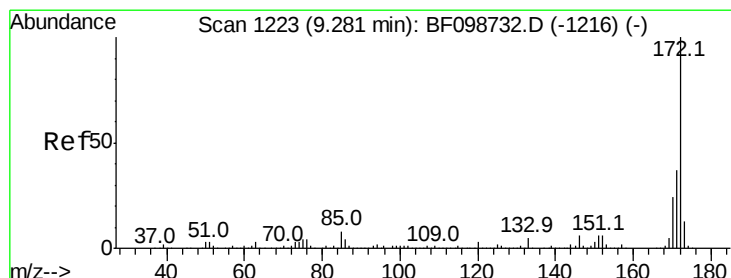
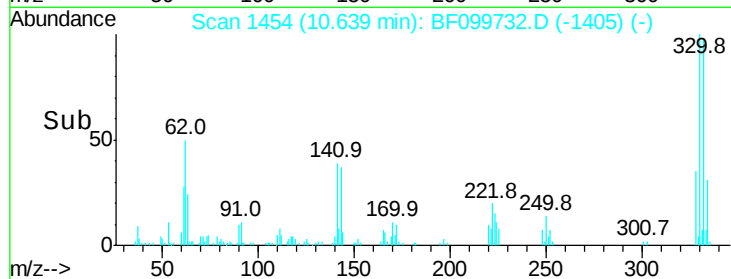
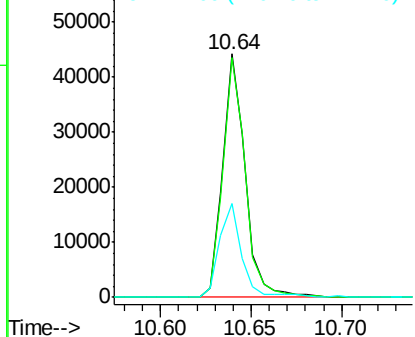
#41
 2,4,6-Tribromophenol
 Concen: 26.810 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF099732.D
 Acq: 21 Oct 2017 17:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	38.5	29.9	44.9

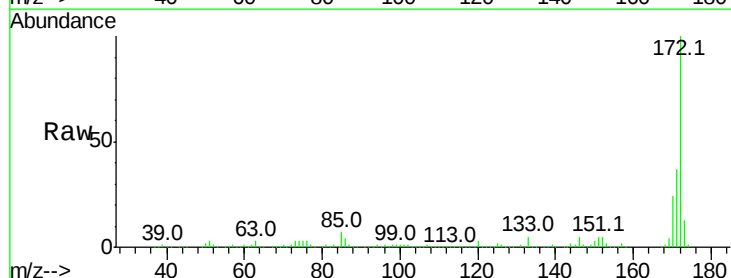


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

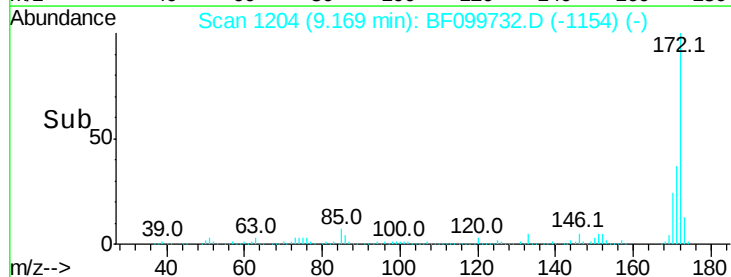
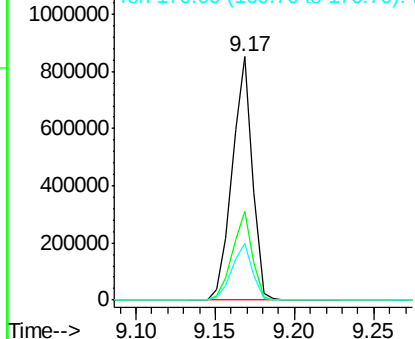


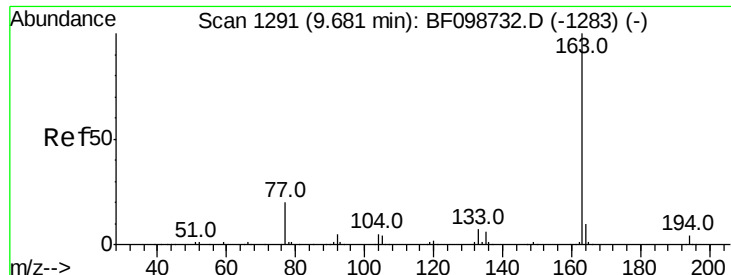
#44
 2-Fluorobiphenyl
 Concen: 71.793 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF099732.D
 Acq: 21 Oct 2017 17:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	23.5	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

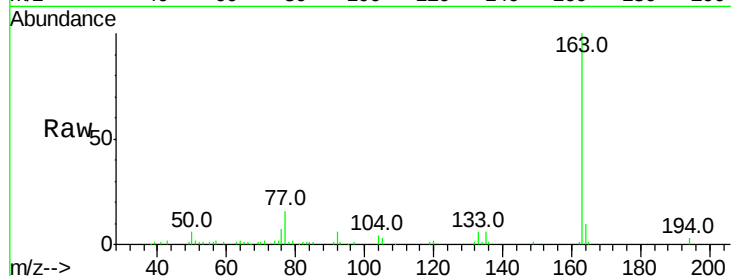




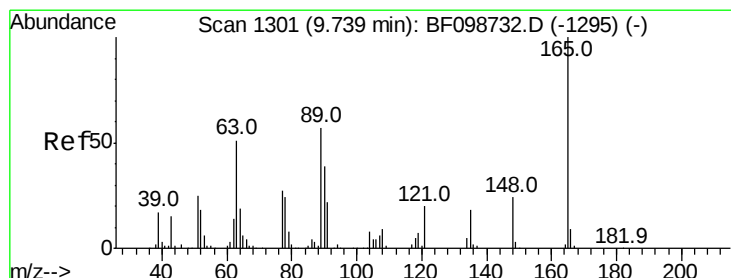
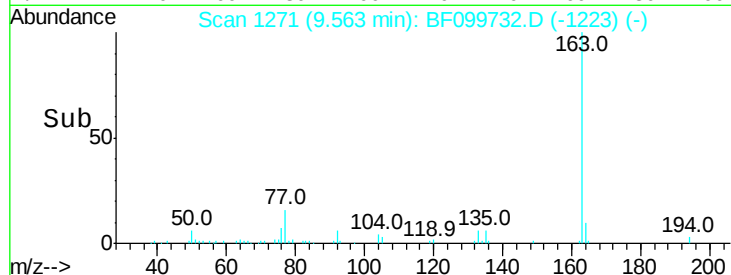
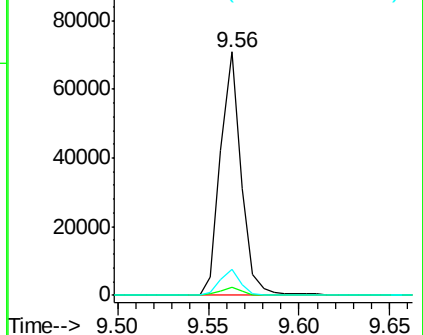
#49
Dimethylphthalate
Concen: 4.315 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF099732.D
Acq: 21 Oct 2017 17:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 56642
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.5 8.2 12.2

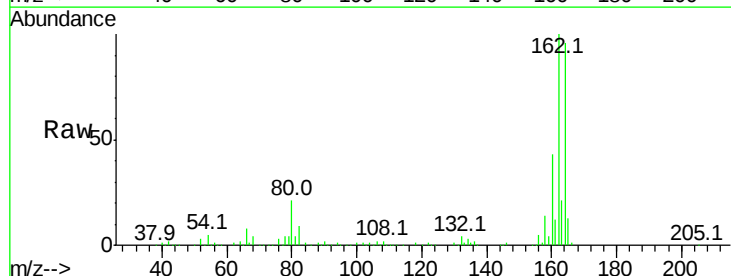


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

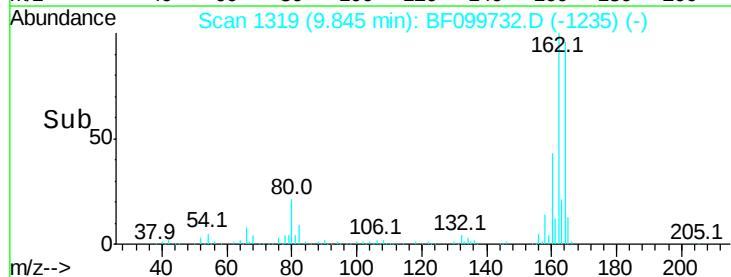
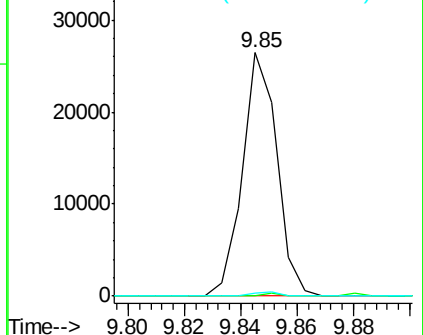


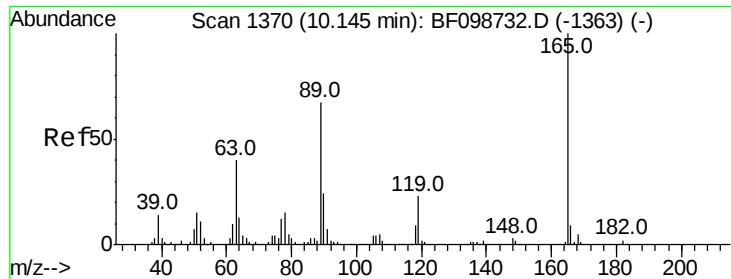
#50
2,6-Dinitrotoluene
Concen: 7.791 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.19 min
Lab File: BF099732.D
Acq: 21 Oct 2017 17:16

Tgt Ion:165 Resp: 22266
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 1.4 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

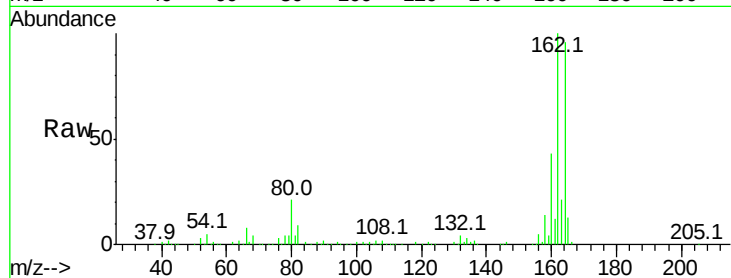




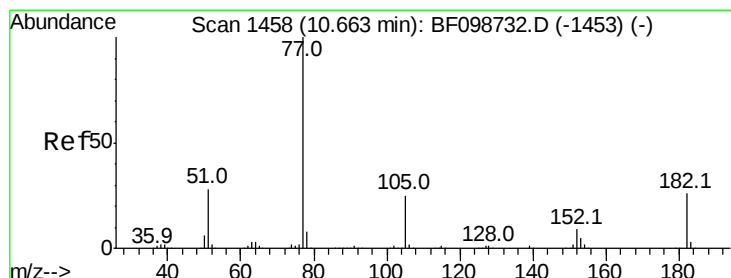
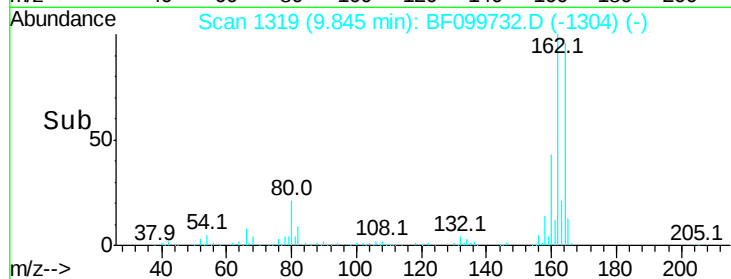
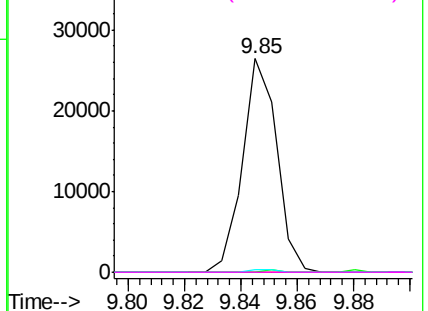
#56
 2,4-Dinitrotoluene
 Concen: 6.003 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF099732.D
 Acq: 21 Oct 2017 17:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	22266
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

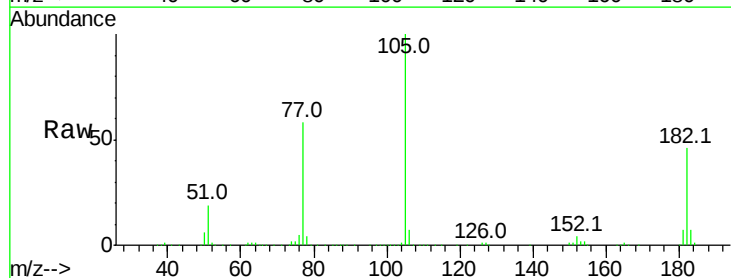


Abundance Ion 165.00 (164.70 to 165.70): E

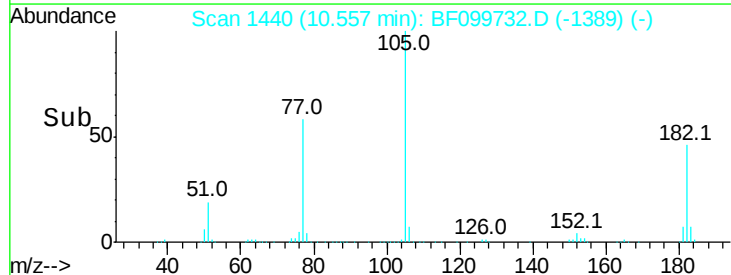
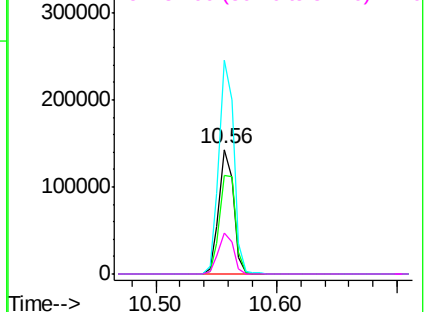


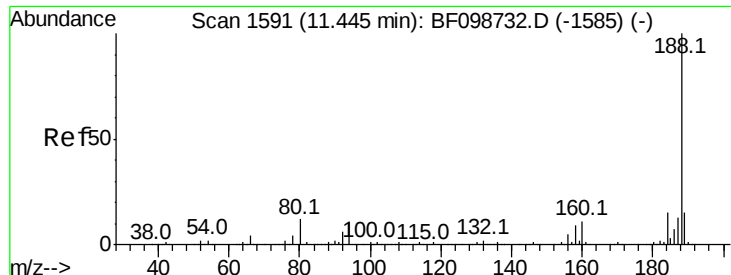
#62
 Azobenzene
 Concen: 10.151 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF099732.D
 Acq: 21 Oct 2017 17:16

Tgt Ion:	77	Resp:	119730
Ion	Ratio	Lower	Upper
77	100		
182	79.3	1.7	41.7#
105	171.6	3.0	43.0#
51	33.0	9.9	49.9



Abundance Ion 77.00 (76.70 to 77.70): BF0





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF099732.D

Acq: 21 Oct 2017 17:16

Instrument :

BNA_F

ClientSampleId :

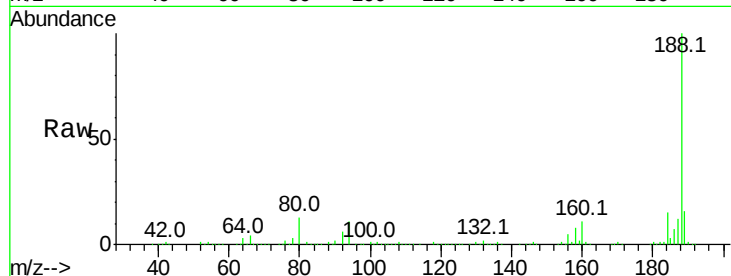
Tot Ion:188 Resp: 292737

Ion Ratio Lower Upper

188 100

94 11.3 8.5 12.7

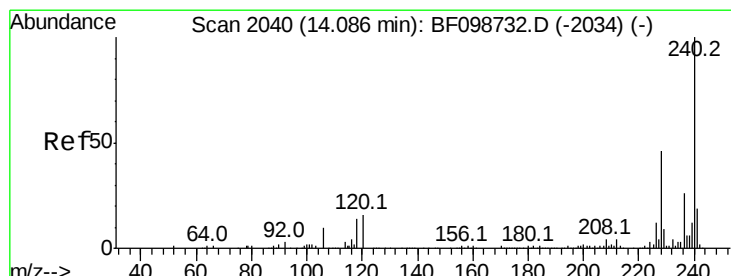
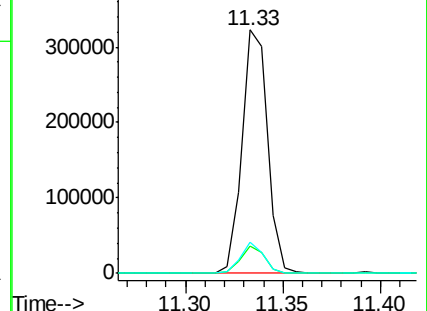
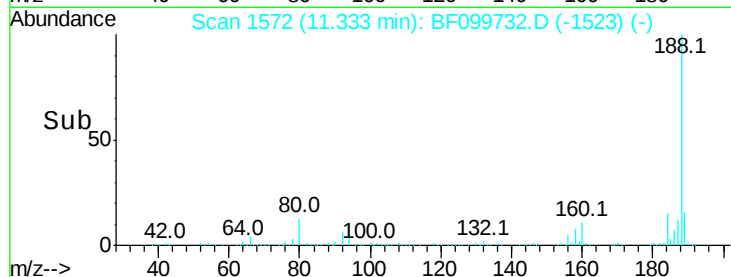
80 12.6 9.2 13.8



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF099732.D

Acq: 21 Oct 2017 17:16

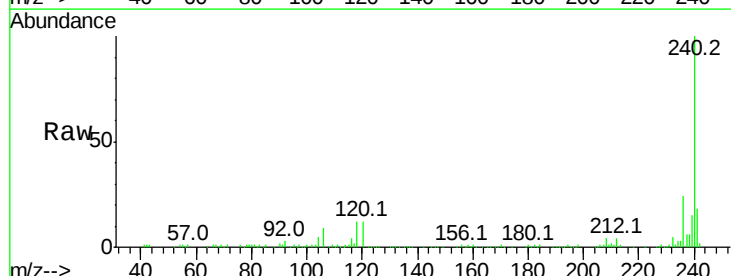
Tgt Ion:240 Resp: 164725

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

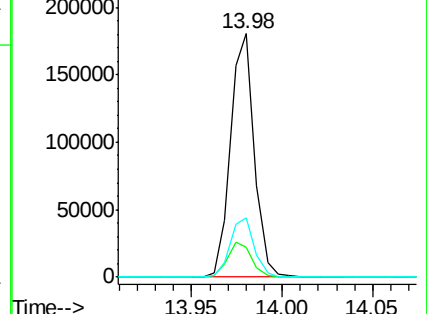
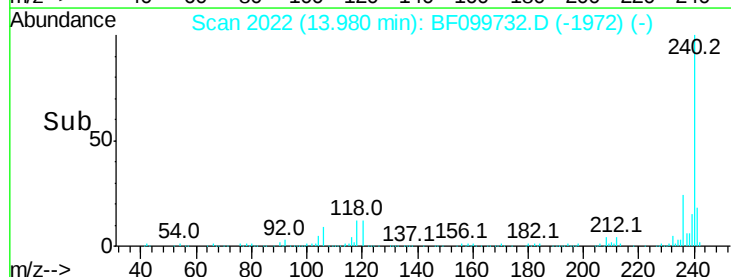
236 24.4 20.7 31.1

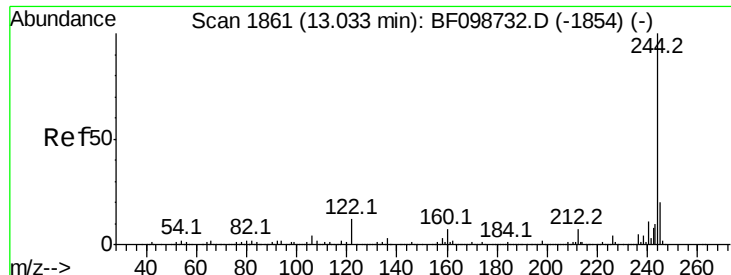


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.256 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF099732.D

Acq: 21 Oct 2017 17:16

Instrument :

BNA_F

ClientSampleId :

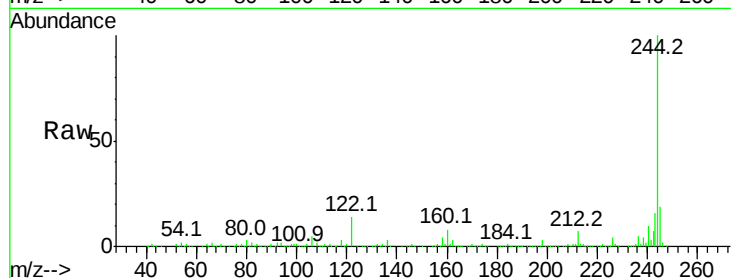
Tot Ion:244 Resp: 552339

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

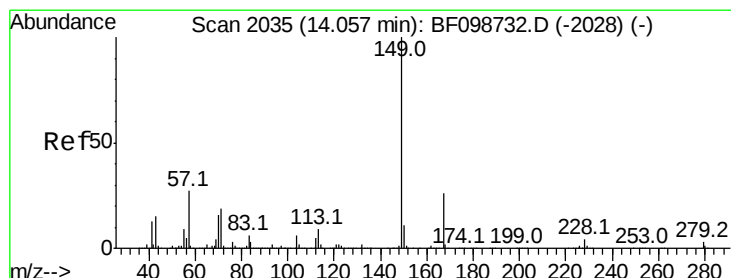
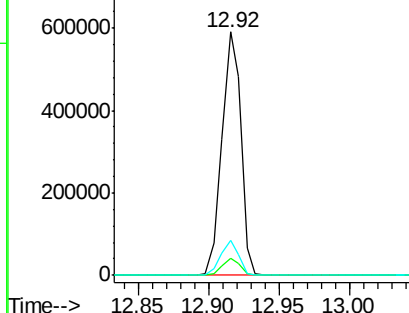
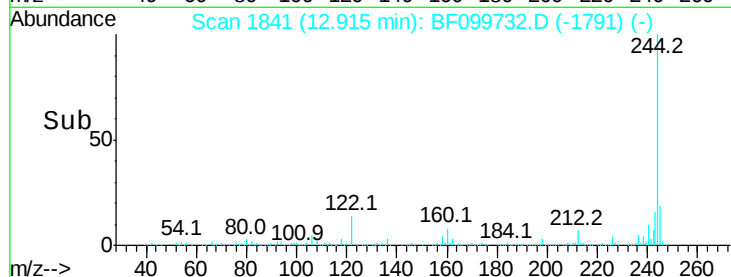
122 14.4 11.0 16.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.271 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF099732.D

Acq: 21 Oct 2017 17:16

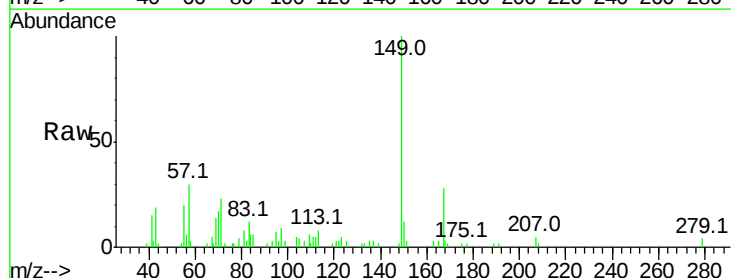
Tgt Ion:149 Resp: 18464

Ion Ratio Lower Upper

149 100

167 27.9 21.3 31.9

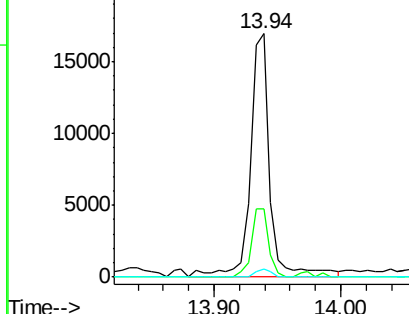
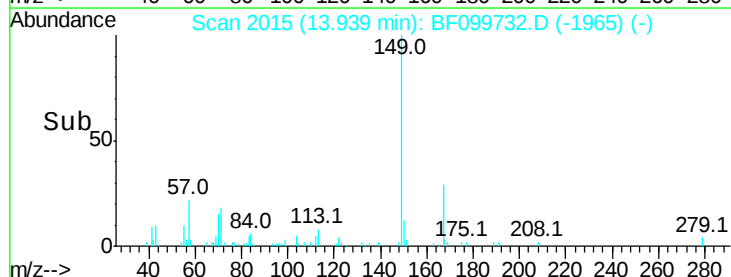
279 3.5 3.0 4.4

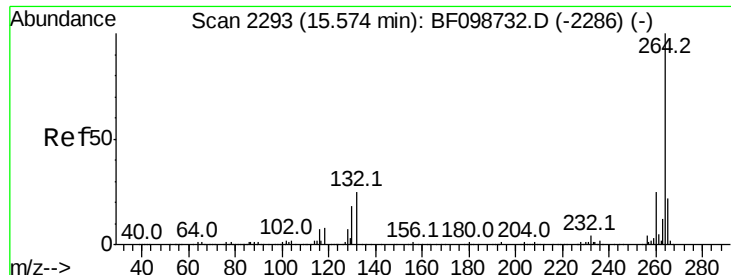


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

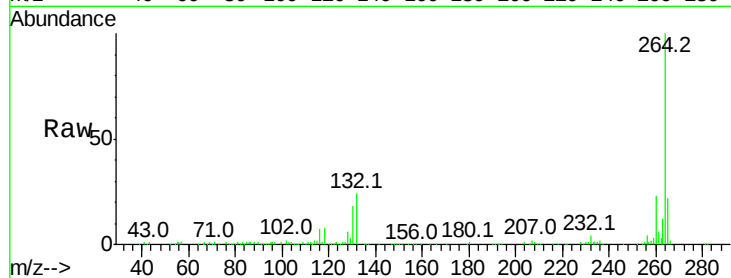




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: BF099732.D
 Acq: 21 Oct 2017 17:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	161510
Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.9	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

