

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101717\
 Data File : BF099594.D
 Acq On : 17 Oct 2017 21:18
 Operator : SJ/JU
 Sample : I5869-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 17 22:54:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 17:32:20 2017
 Response via : Initial Calibration

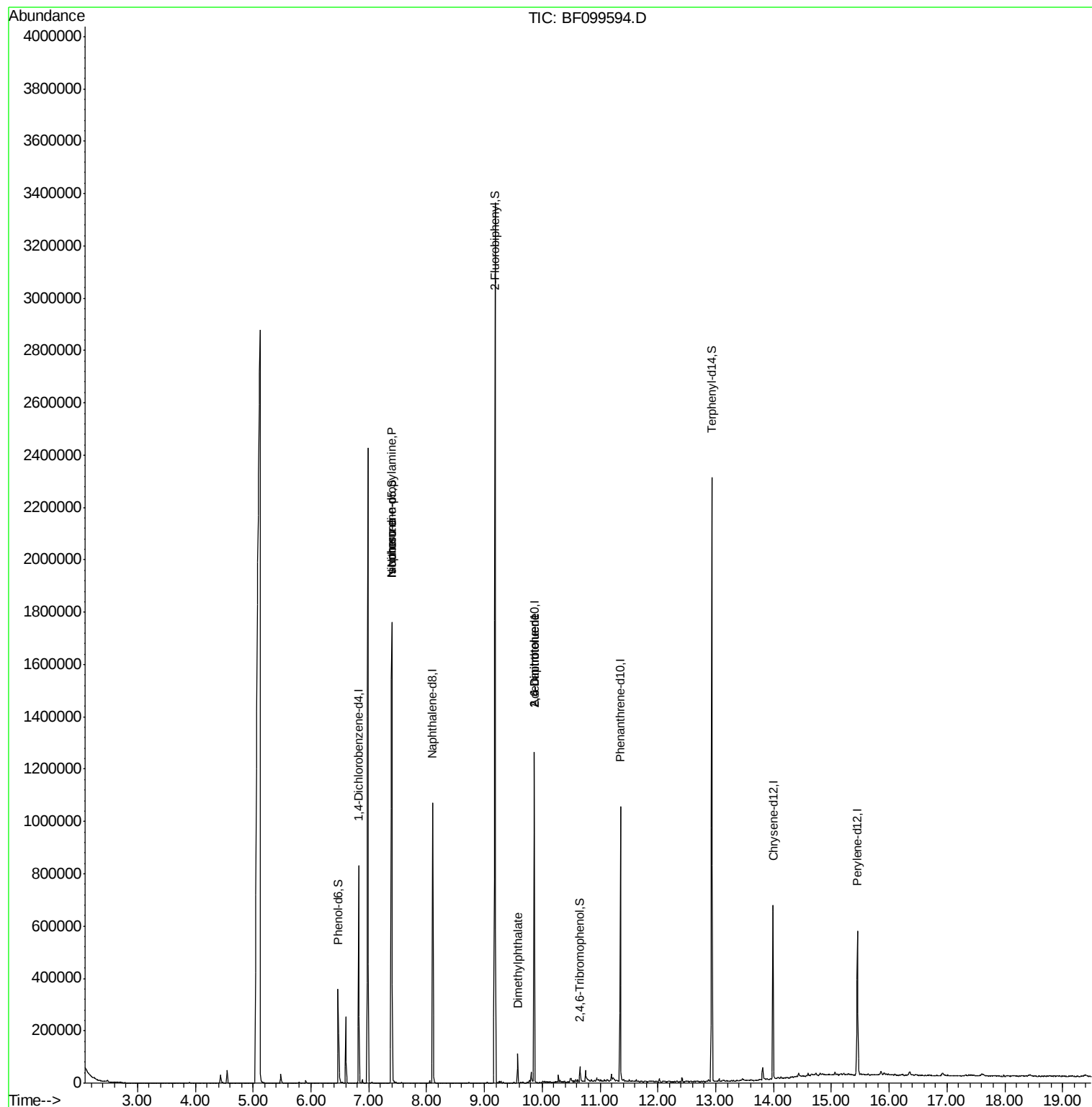
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	131409	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	544146	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	239574	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	361282	20.00	ng	0.00
75) Chrysene-d12	13.99	240	224458	20.00	ng	0.00
86) Perylene-d12	15.45	264	236725	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	15003	1.82	ng	0.03
7) Phenol-d6	6.47	99	122593	12.04	ng	0.00
23) Nitrobenzene-d5	7.40	82	687946	81.08	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	6394	3.26	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1238510	86.30	ng	0.00
78) Terphenyl-d14	12.93	244	769897	78.01	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	85963	13.22	ng	# 73
25) Isophorone	7.40	82	687937	39.21	ng	# 64
49) Dimethylphthalate	9.57	163	42041	2.33	ng	99
50) 2,6-Dinitrotoluene	9.86	165	29784	7.57	ng	# 25
56) 2,4-Dinitrotoluene	9.86	165	29784	5.83	ng	# 23

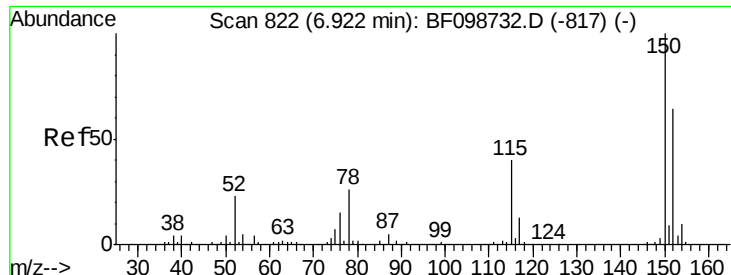
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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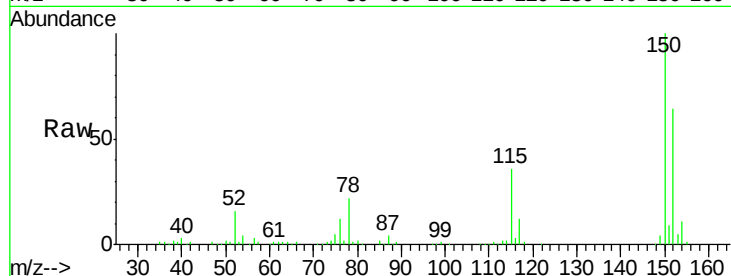


#1

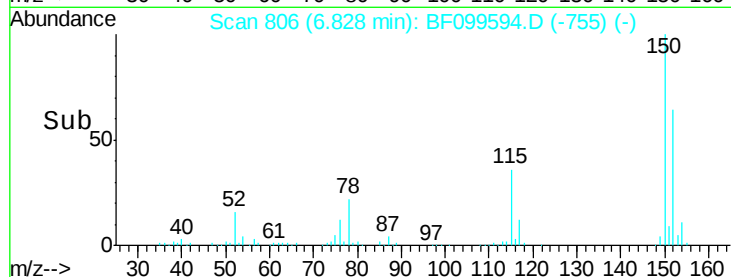
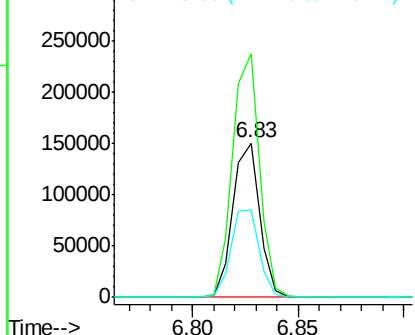
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF099594.D
Acq: 17 Oct 2017 21:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 131409
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 56.8 50.1 75.1



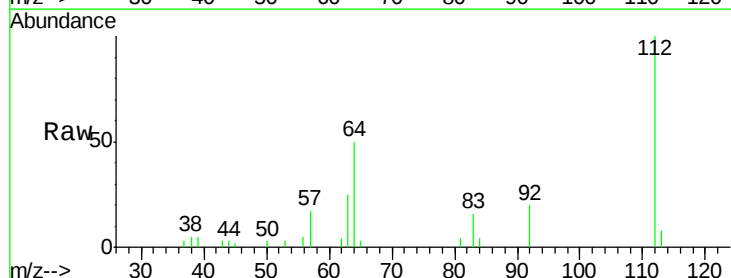
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



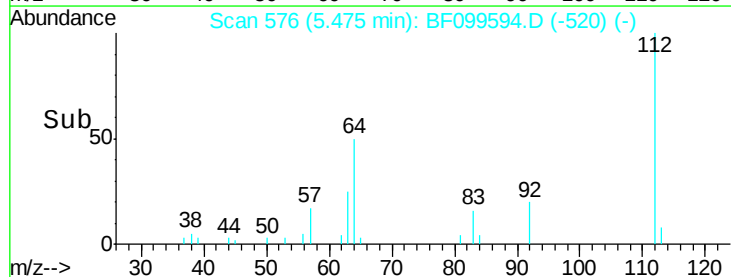
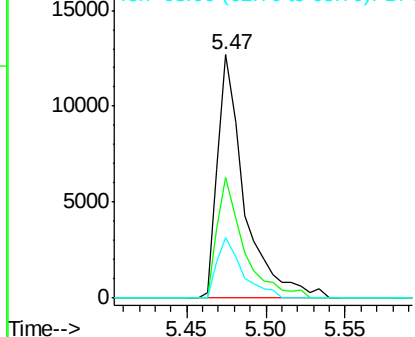
#5

2-Fluorophenol
Concen: 1.82 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.03 min
Lab File: BF099594.D
Acq: 17 Oct 2017 21:18

Tgt Ion:112 Resp: 15003
Ion Ratio Lower Upper
112 100
64 49.6 47.9 71.9
63 25.1 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: 12.04 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF099594.D

Acq: 17 Oct 2017 21:18

Instrument :

BNA_F

ClientSampleId :

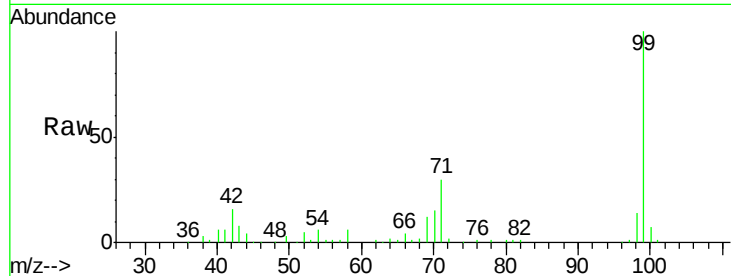
Tot Ion: 99 Resp: 122593

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

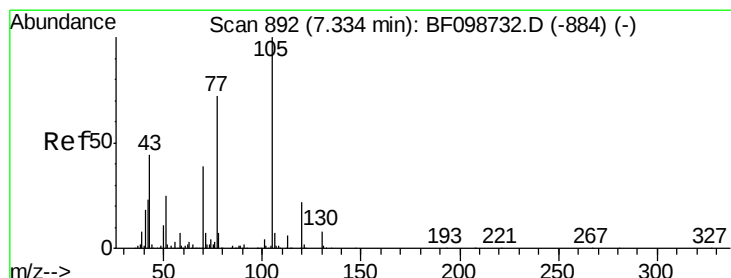
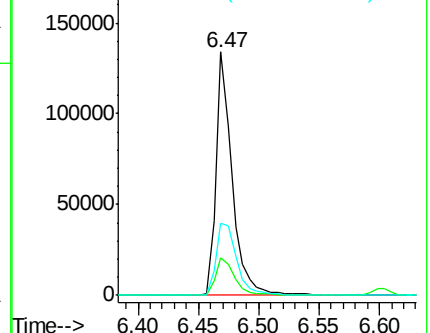
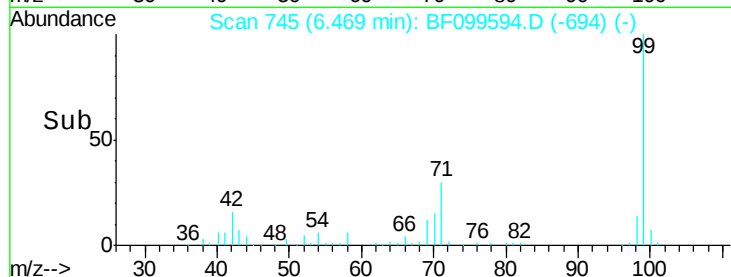
71 29.7 25.4 38.0



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: 13.22 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.15 min

Lab File: BF099594.D

Acq: 17 Oct 2017 21:18

Tgt Ion: 70 Resp: 85963

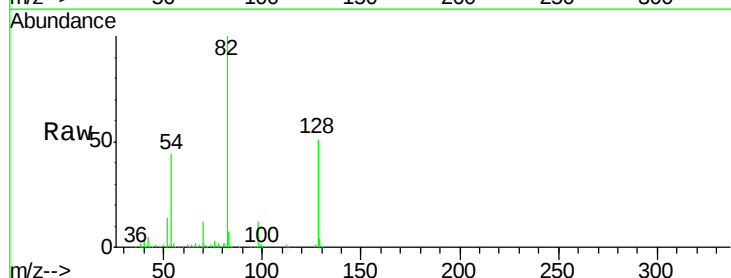
Ion Ratio Lower Upper

70 100

42 42.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.7 16.6 25.0#

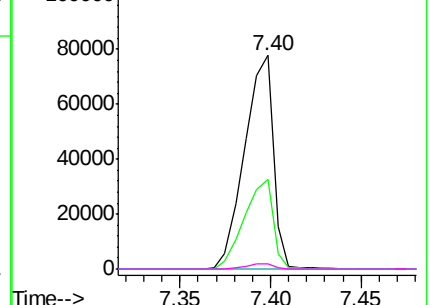
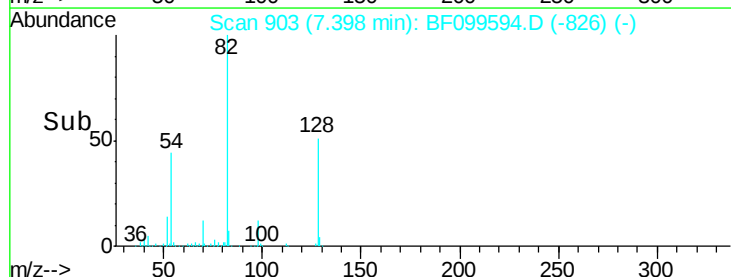


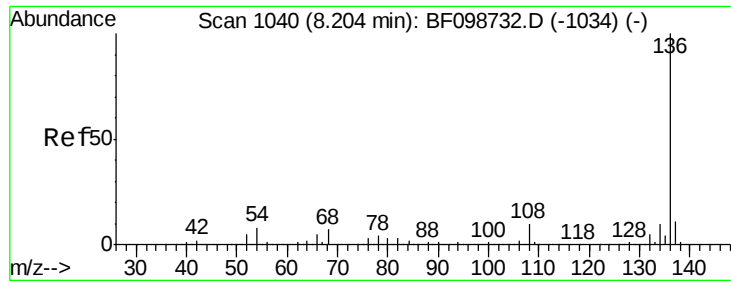
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

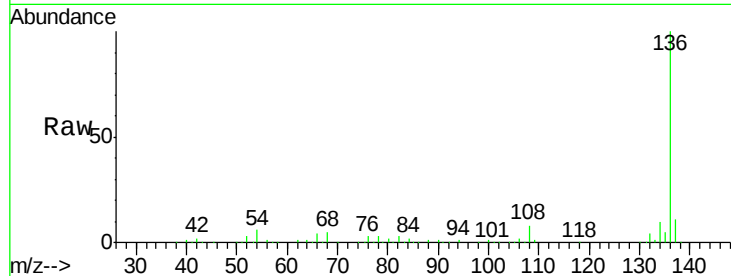




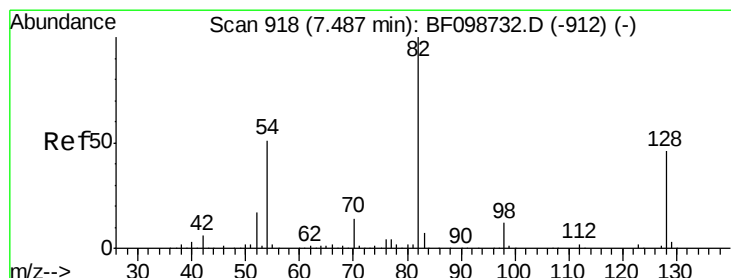
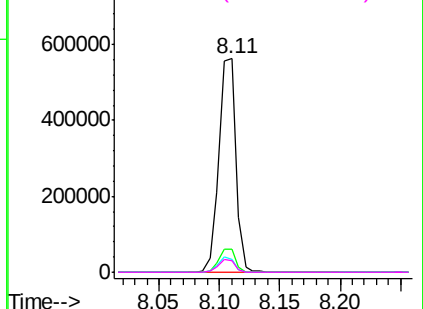
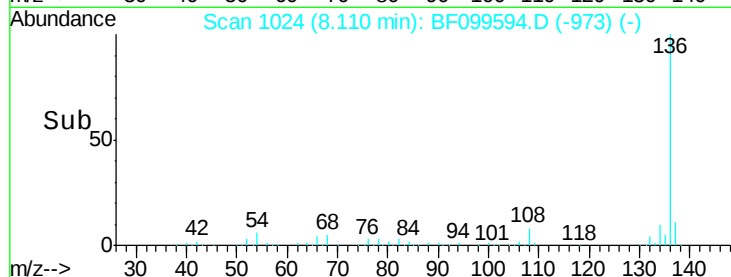
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF099594.D
Acq: 17 Oct 2017 21:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	544146
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	6.2	6.6 9.8#
68	5.3	5.0 7.4

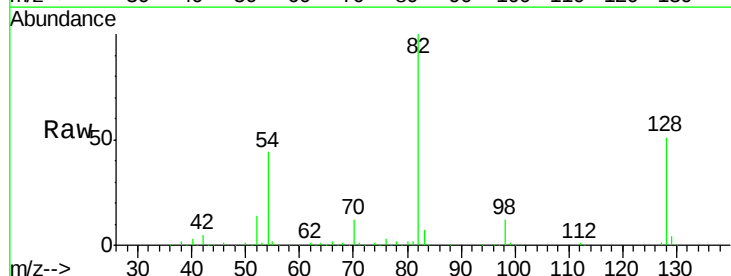


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

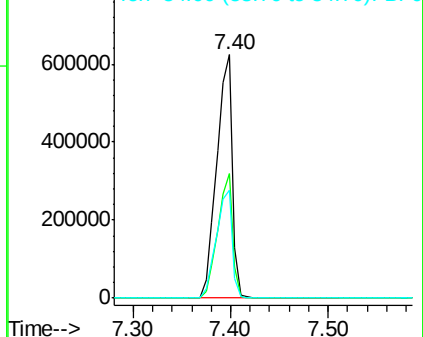
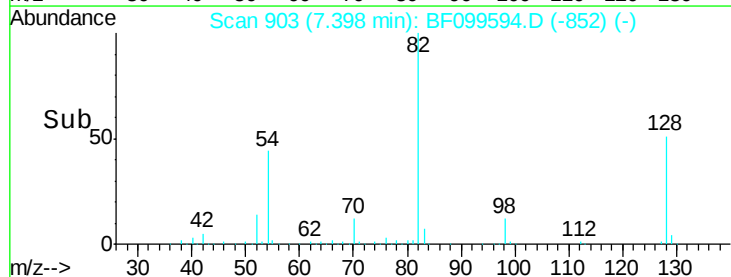


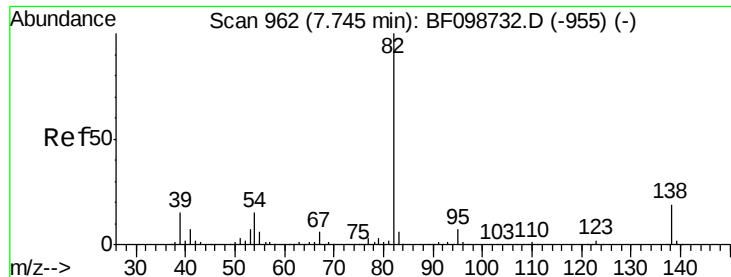
#23
Nitrobenzene-d5
Concen: 81.08 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF099594.D
Acq: 17 Oct 2017 21:18

Tgt Ion: 82	Resp:	687946
Ion Ratio	Lower	Upper
82	100	
128	50.9	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): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 39.21 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.25 min

Lab File: BF099594.D

Acq: 17 Oct 2017 21:18

Instrument :

BNA_F

ClientSampleId :

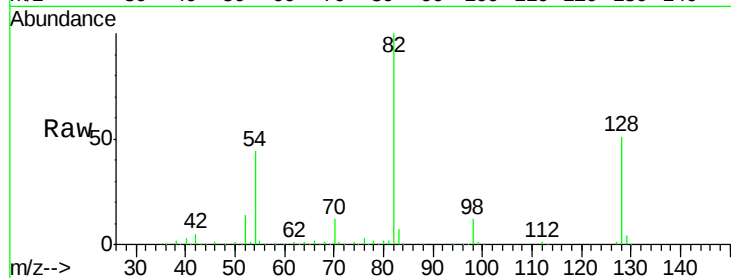
Tot Ion: 82 Resp: 687937

Ion Ratio Lower Upper

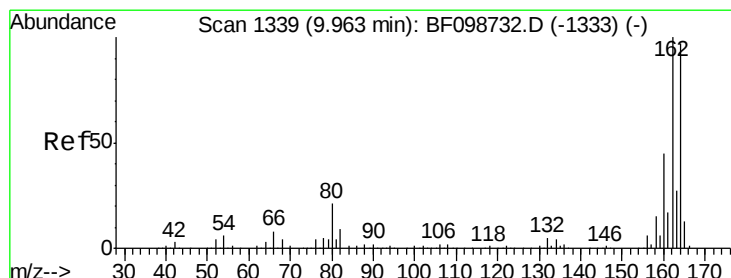
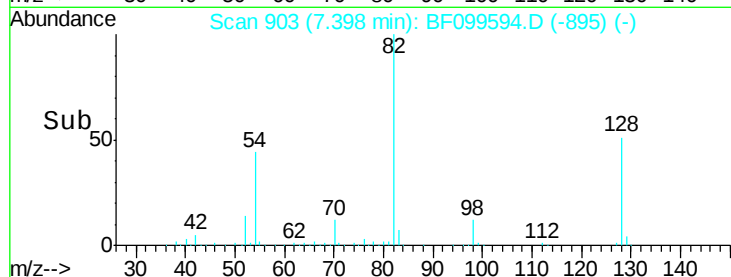
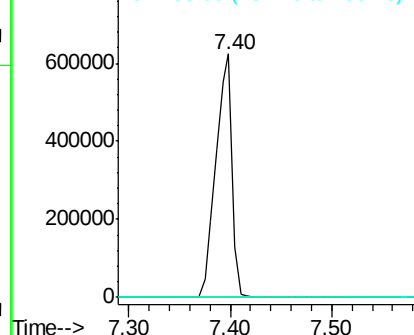
82 100

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: 20.00 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF099594.D

Acq: 17 Oct 2017 21:18

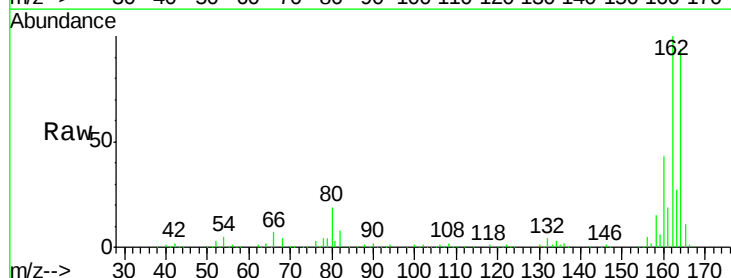
Tgt Ion:164 Resp: 239574

Ion Ratio Lower Upper

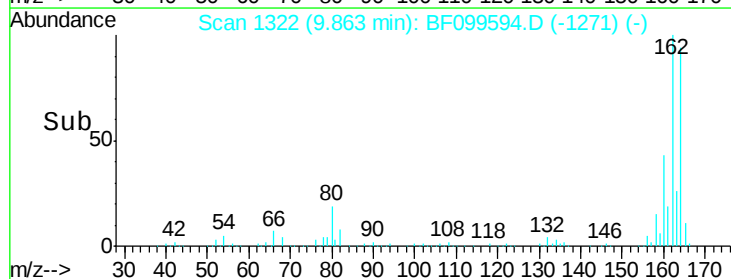
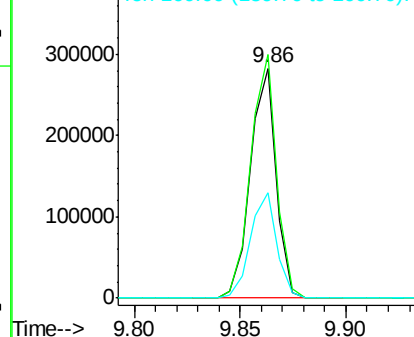
164 100

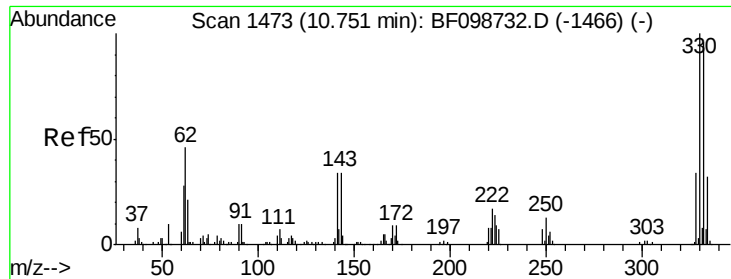
162 105.8 86.1 129.1

160 46.0 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

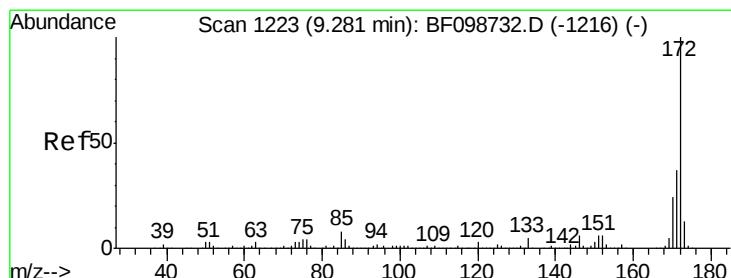
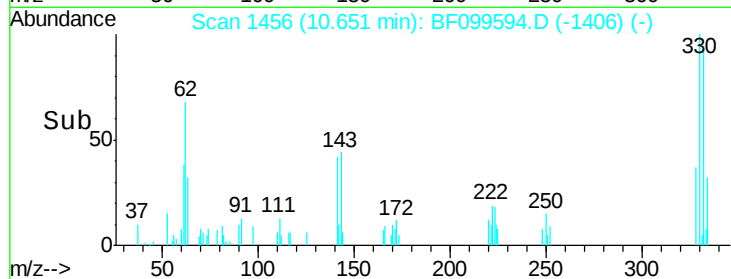
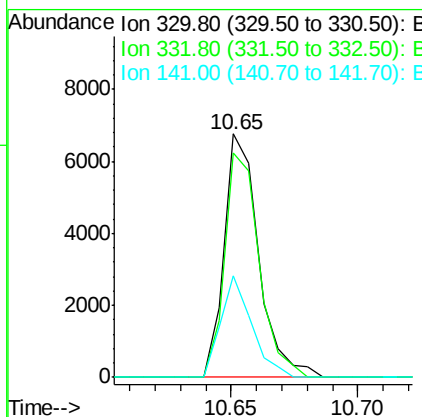
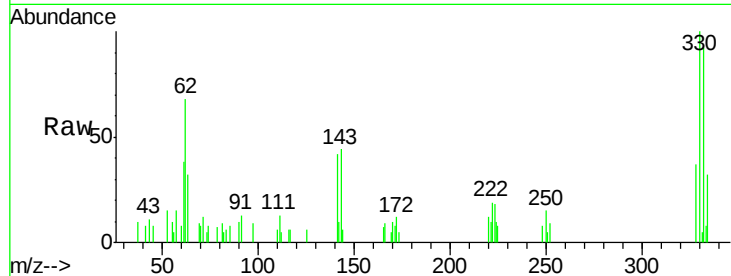




#41
 2,4,6-Tribromophenol
 Concen: 3.26 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF099594.D
 Acq: 17 Oct 2017 21:18

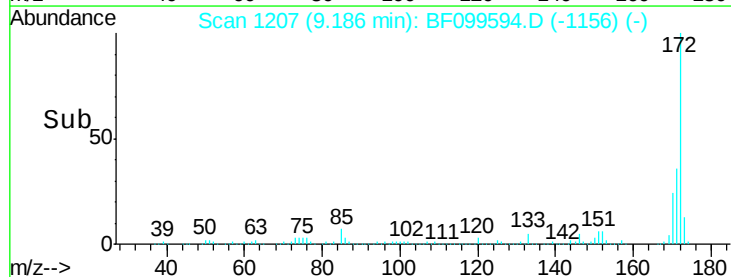
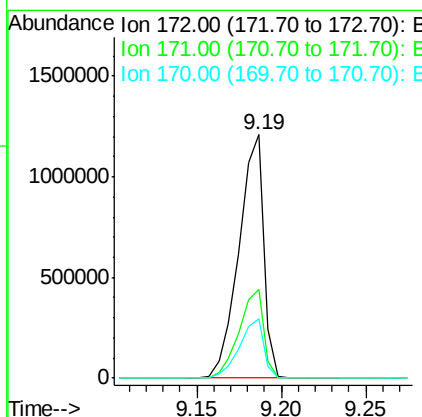
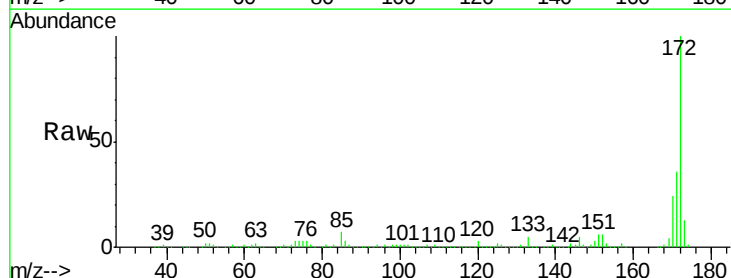
Instrument :
 BNA_F
 ClientSampleId :

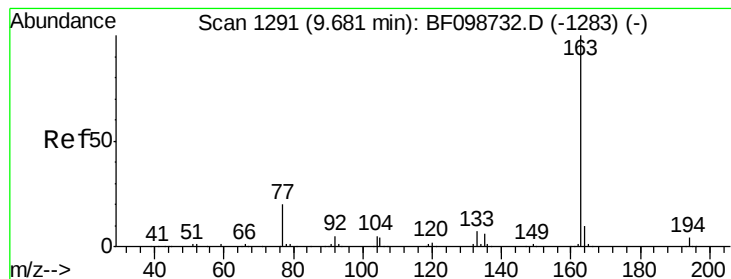
Tot Ion:330 Resp: 6394
 Ion Ratio Lower Upper
 330 100
 332 92.1 77.0 115.6
 141 37.7 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 86.30 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF099594.D
 Acq: 17 Oct 2017 21:18

Tgt Ion:172 Resp: 1238510
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.1 19.6 29.4





#49

Dimethylphthalate

Concen: 2.33 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF099594.D

Acq: 17 Oct 2017 21:18

Instrument :

BNA_F

ClientSampleId :

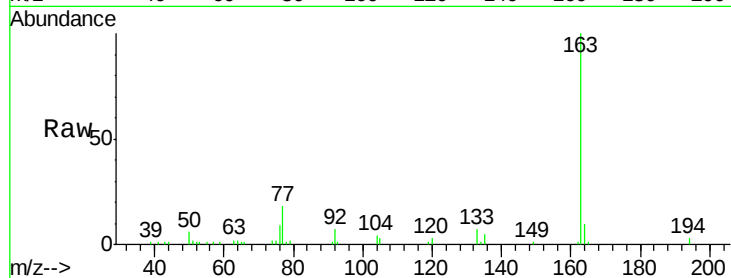
Tot Ion:163 Resp: 42041

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

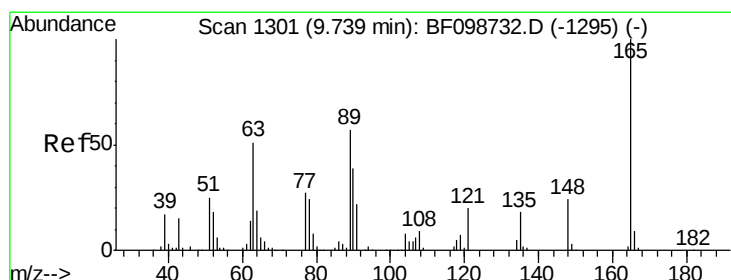
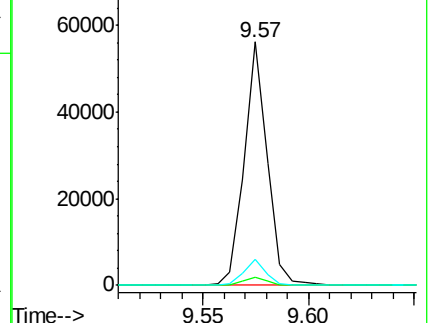
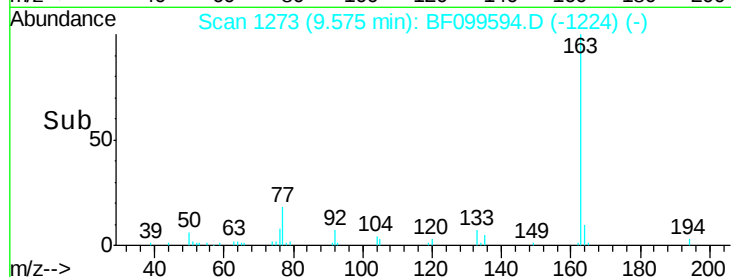
164 10.4 8.2 12.2



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: 7.57 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.21 min

Lab File: BF099594.D

Acq: 17 Oct 2017 21:18

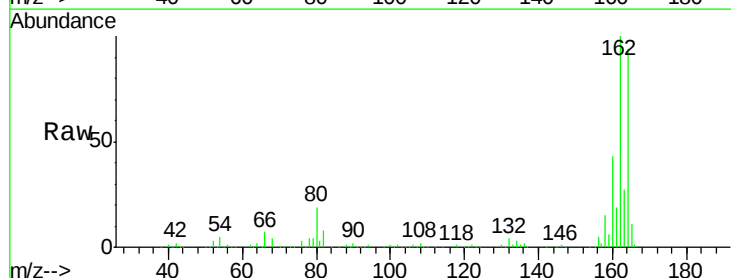
Tgt Ion:165 Resp: 29784

Ion Ratio Lower Upper

165 100

63 1.3 44.7 67.1#

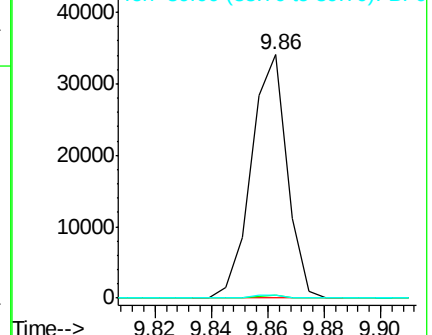
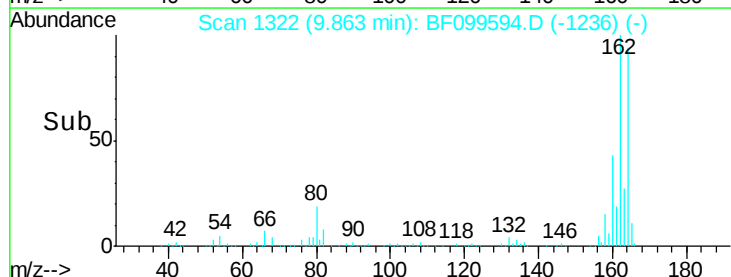
89 1.3 44.0 66.0#



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

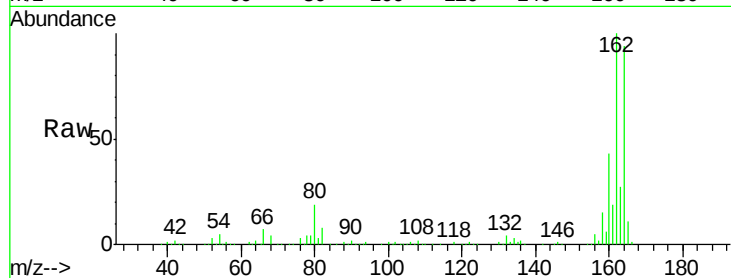




#56
 2,4-Dinitrotoluene
 Concen: 5.83 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.20 min
 Lab File: BF099594.D
 Acq: 17 Oct 2017 21:18

Instrument :
 BNA_F
 ClientSampled :

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

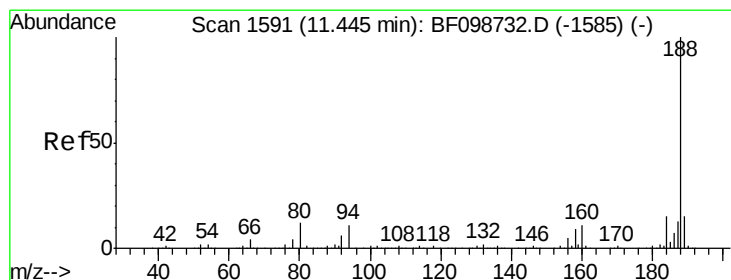
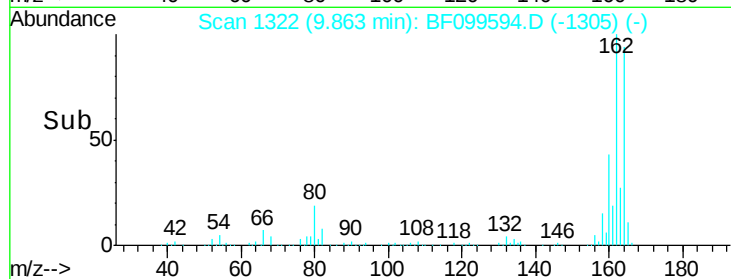
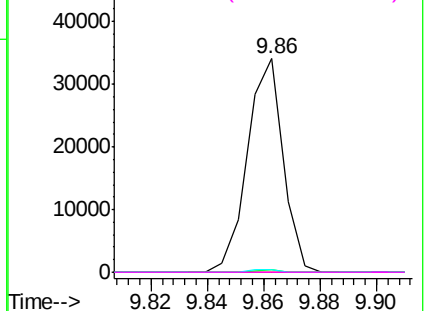


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

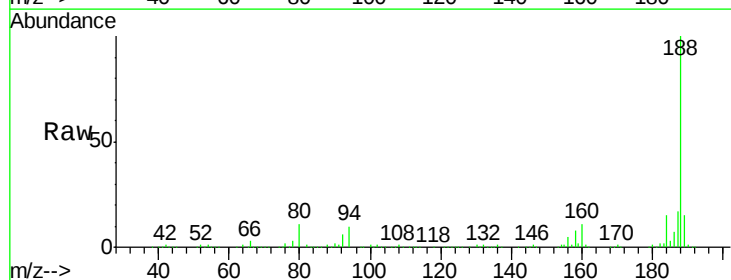
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.00 min
 Lab File: BF099594.D
 Acq: 17 Oct 2017 21:18

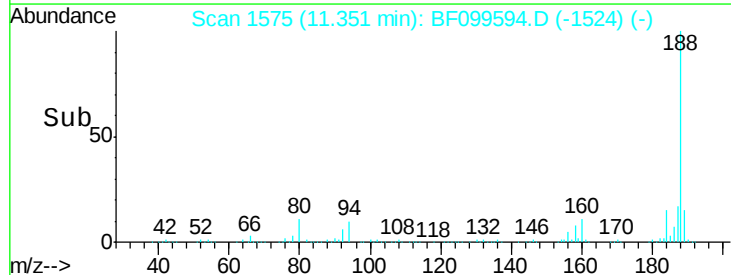
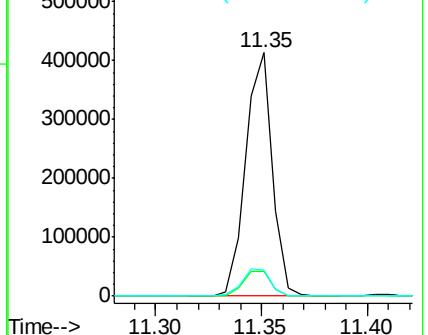
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.8	9.2	13.8

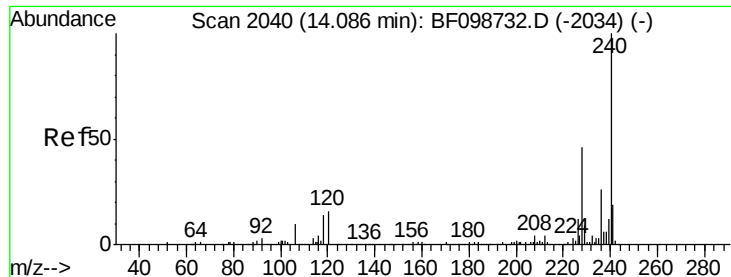


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF099594.D

Acq: 17 Oct 2017 21:18

Instrument :

BNA_F

ClientSampleId :

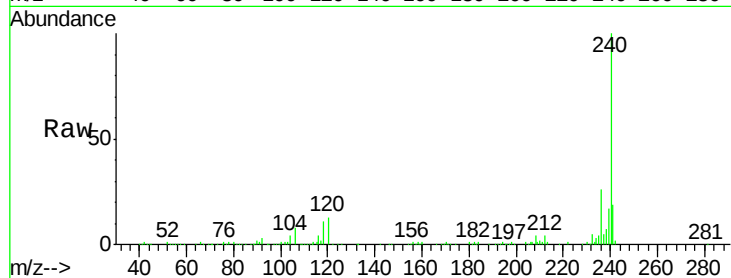
Tot Ion:240 Resp: 224458

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

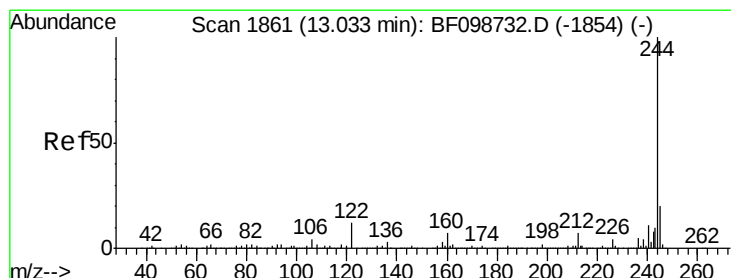
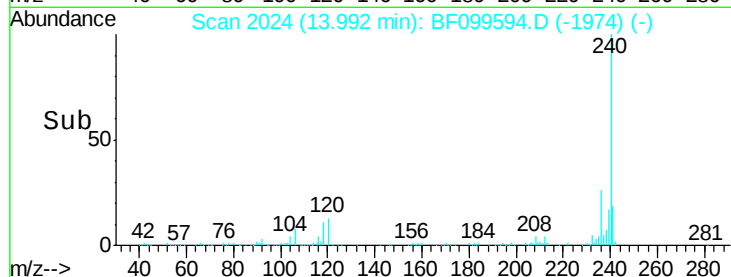
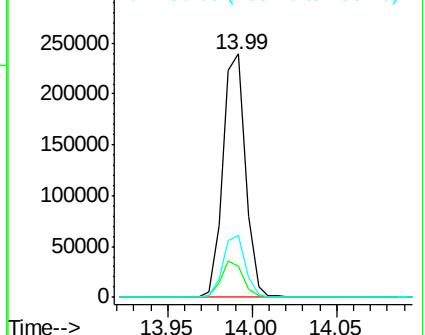
236 25.6 20.7 31.1



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: 78.01 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BF099594.D

Acq: 17 Oct 2017 21:18

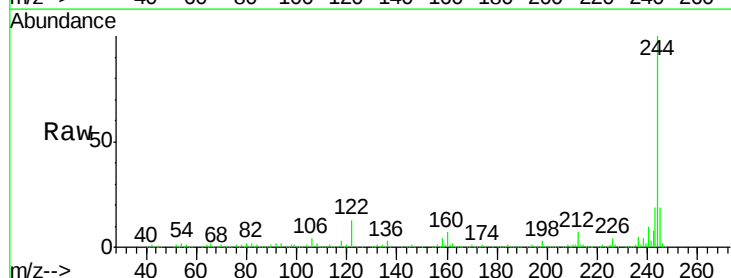
Tgt Ion:244 Resp: 769897

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

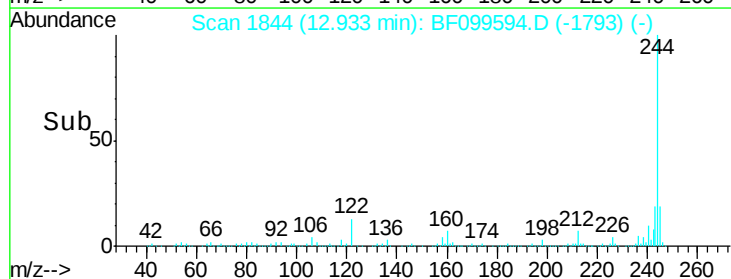
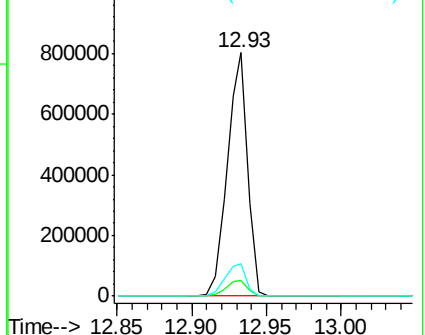
122 13.1 11.0 16.4

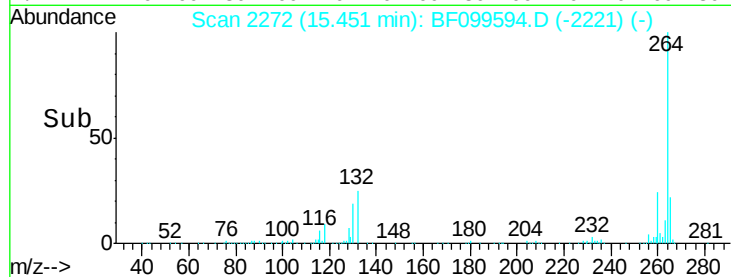
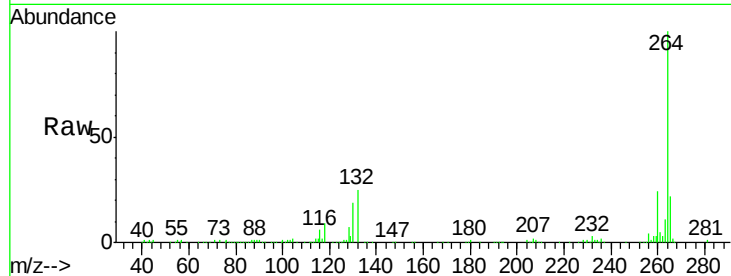
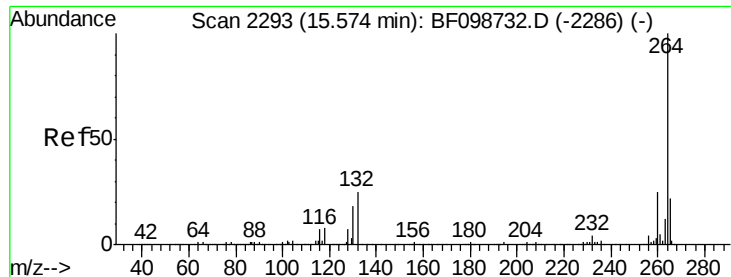


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.45 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BF099594.D
 Acq: 17 Oct 2017 21:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.5	17.5	26.3

