

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
 Data File : BF099672.D
 Acq On : 19 Oct 2017 22:19
 Operator : SJ/JU
 Sample : I5884-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 20 12:51:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 19 19:55:56 2017
 Response via : Initial Calibration

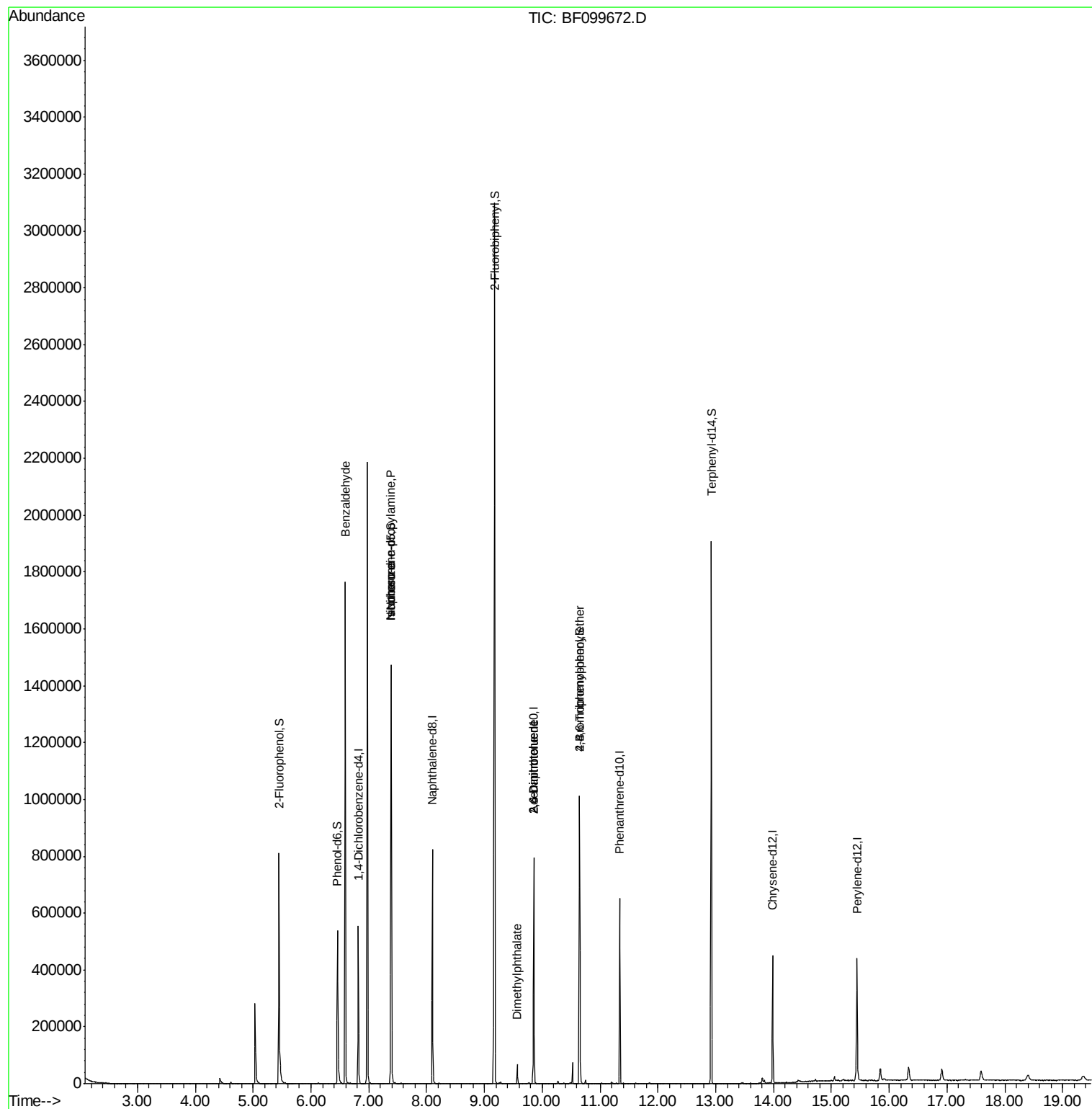
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	93031	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	376142	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	157766	20.00	ng	-0.02
63) Phenanthrene-d10	11.34	188	220185	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	159423	20.00	ng	-0.01
86) Perylene-d12	15.44	264	177676	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	274209	46.92	ng	0.00
7) Phenol-d6	6.46	99	207927	28.84	ng	-0.02
23) Nitrobenzene-d5	7.39	82	568975	97.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	111893	86.67	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	1042433	110.31	ng	-0.01
78) Terphenyl-d14	12.92	244	620075	88.45	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.59	77	8578	2.051	ng	88
19) n-Nitroso-di-n-propylamine	7.39	70	71164	15.461	ng	# 72
25) Isophorone	7.39	82	568968	46.919	ng	# 64
49) Dimethylphthalate	9.57	163	28705	2.411	ng	100
50) 2,6-Dinitrotoluene	9.85	165	19995	7.713	ng	# 24
56) 2,4-Dinitrotoluene	9.85	165	19995	5.943	ng	# 21
66) 4-Bromophenyl-phenylether	10.65	248	7568	3.511	ng	# 1

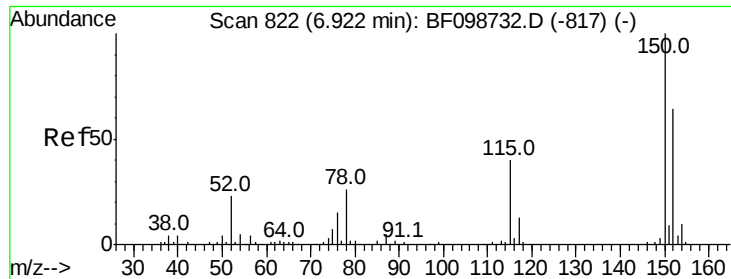
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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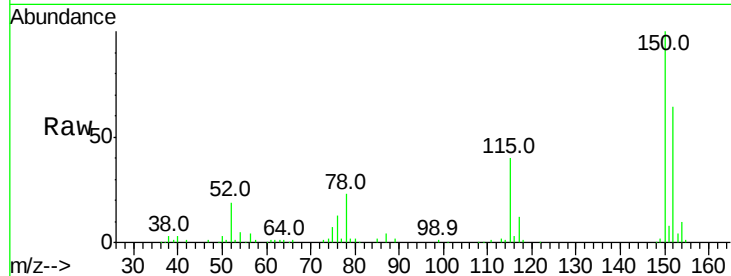


#1

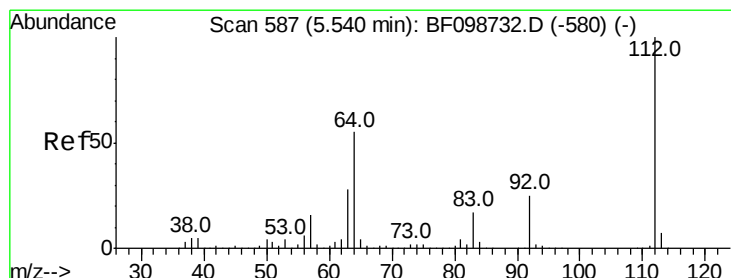
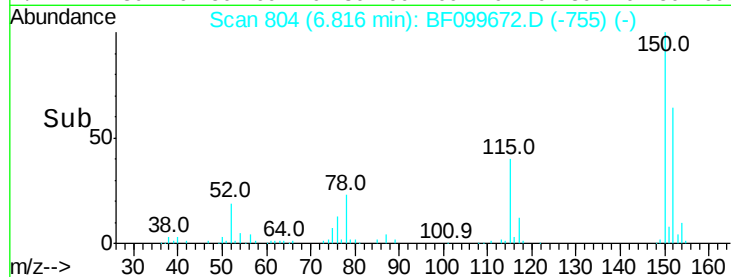
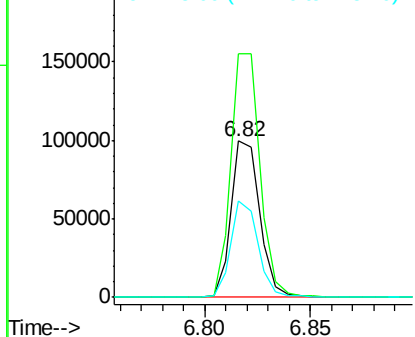
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF099672.D
 Acq: 19 Oct 2017 22:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 93031
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.6 186.8
 115 61.6 50.1 75.1



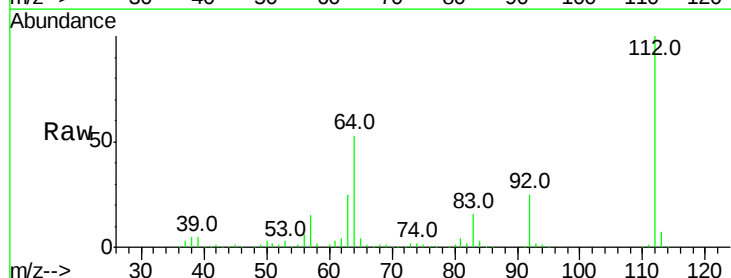
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



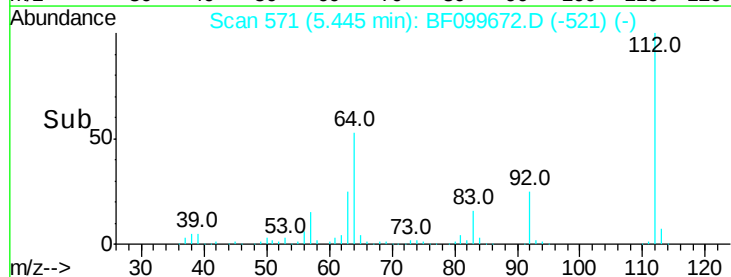
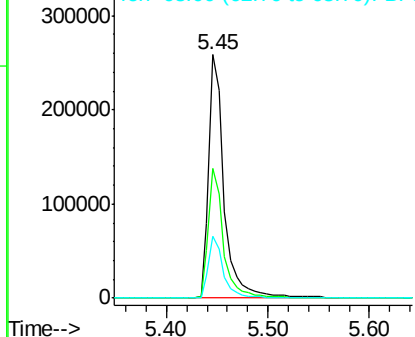
#5

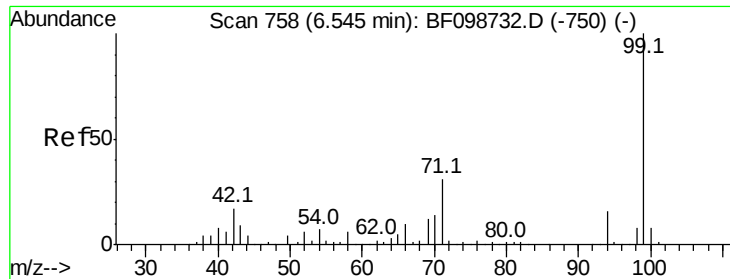
2-Fluorophenol
 Concen: 46.921 ng
 RT: 5.45 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF099672.D
 Acq: 19 Oct 2017 22:19

Tgt Ion:112 Resp: 274209
 Ion Ratio Lower Upper
 112 100
 64 53.0 47.9 71.9
 63 25.5 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: 28.842 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF099672.D

Acq: 19 Oct 2017 22:19

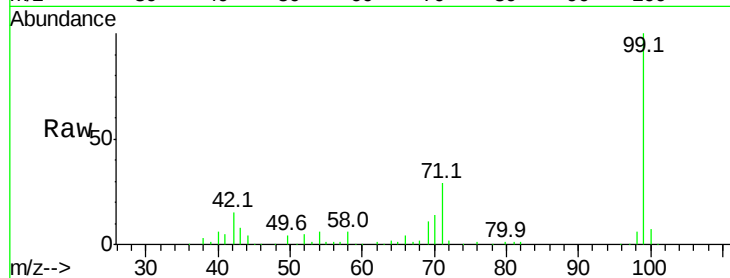
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 207927

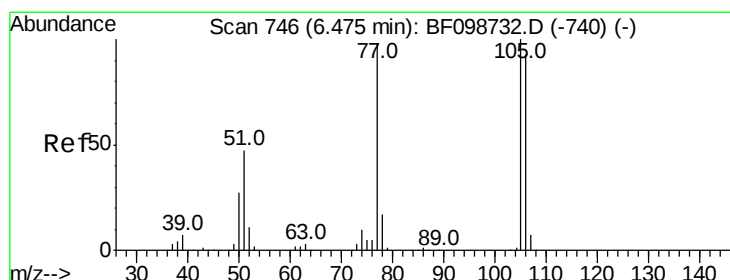
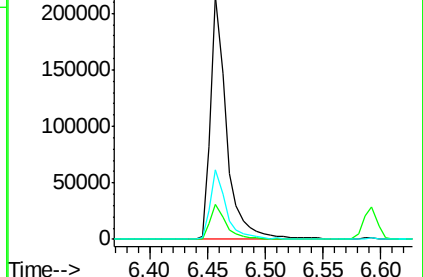
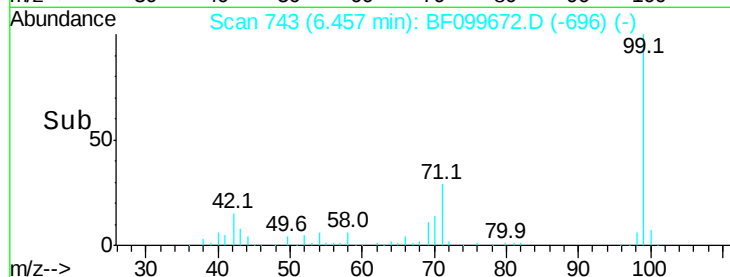
Ion	Ratio	Lower	Upper
99	100		
42	14.5	14.5	21.7
71	28.7	25.4	38.0



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



#9

Benzaldehyde

Concen: 2.051 ng

RT: 6.59 min Scan# 766

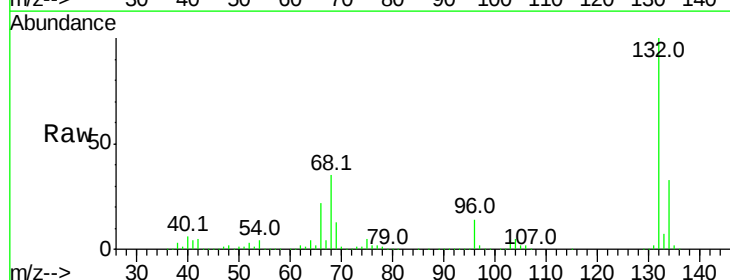
Delta R.T. 0.21 min

Lab File: BF099672.D

Acq: 19 Oct 2017 22:19

Tgt Ion: 77 Resp: 8578

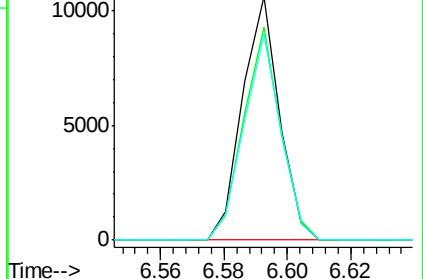
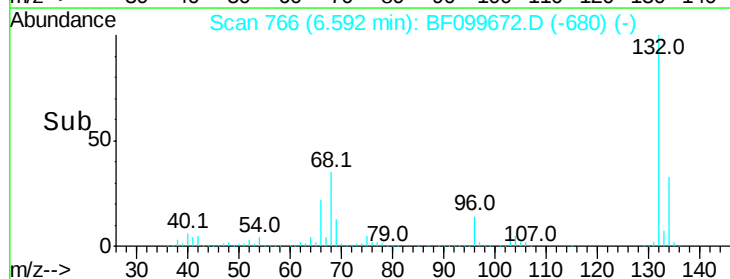
Ion	Ratio	Lower	Upper
77	100		
105	87.6	81.1	121.1
106	84.9	74.5	114.5

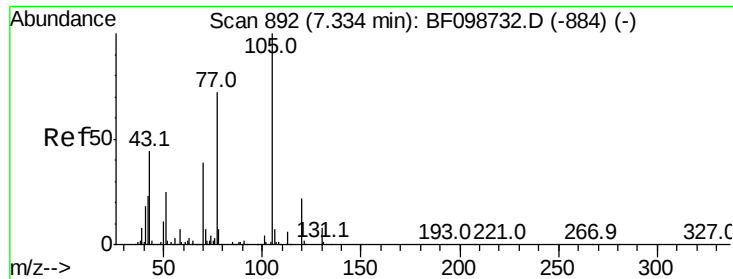


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

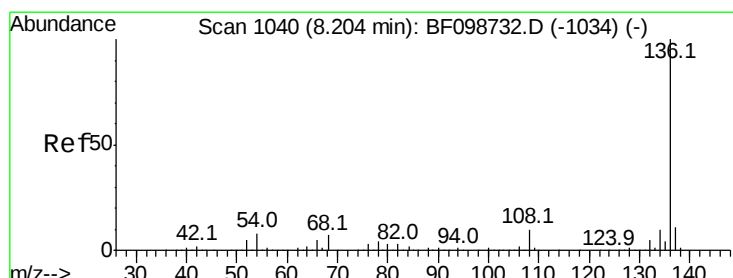
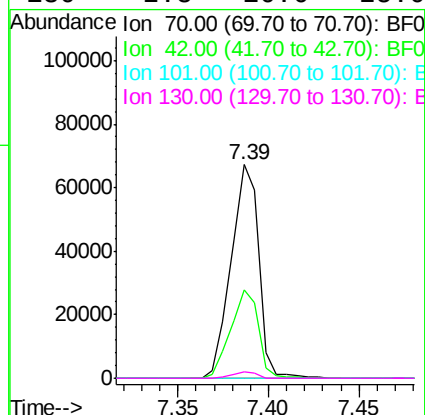
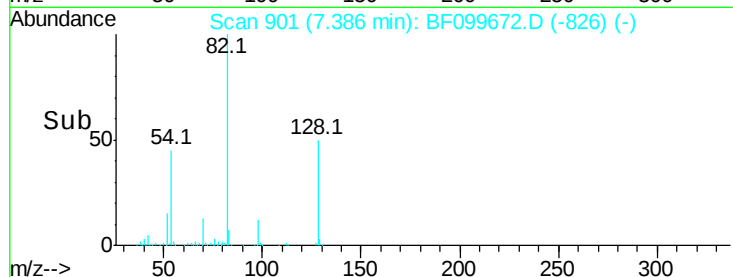
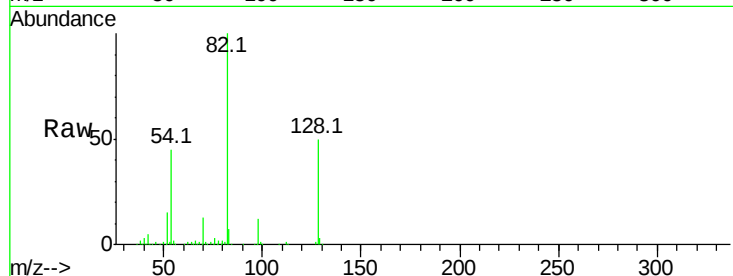




#19
n-Nitroso-di-n-propylamine
Concen: 15.461 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.14 min
Lab File: BF099672.D
Acq: 19 Oct 2017 22:19

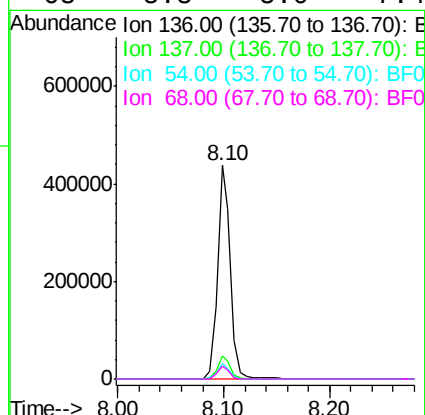
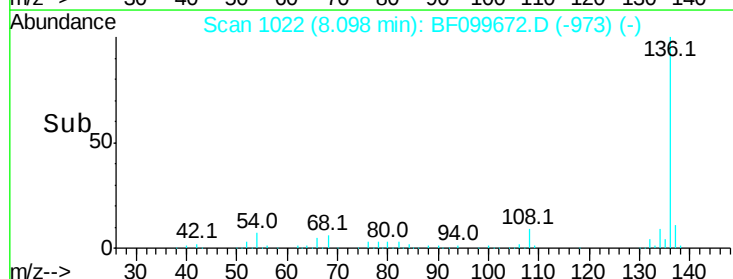
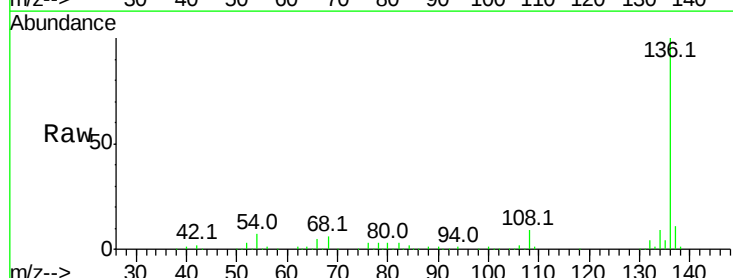
Instrument :
BNA_F
ClientSampleId :

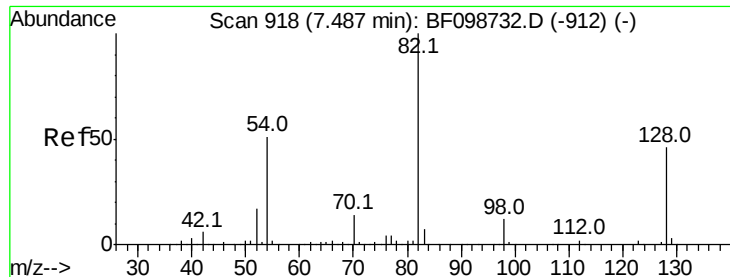
Tot Ion: 70 Resp: 71164
Ion Ratio Lower Upper
70 100
42 41.2 47.5 71.3#
101 0.0 7.4 11.2#
130 2.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF099672.D
Acq: 19 Oct 2017 22:19

Tgt Ion: 136 Resp: 376142
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.0 6.6 9.8
68 5.8 5.0 7.4

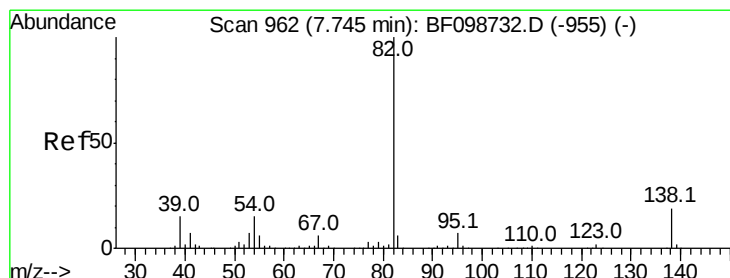
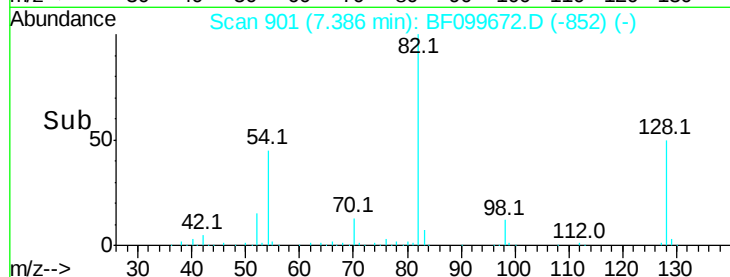
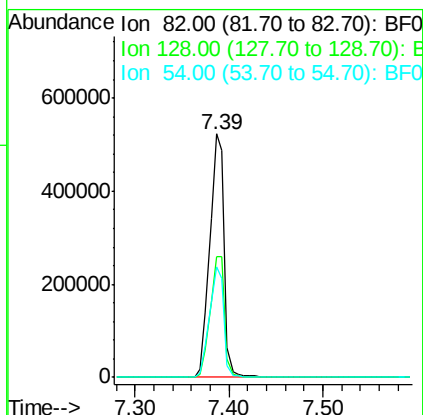
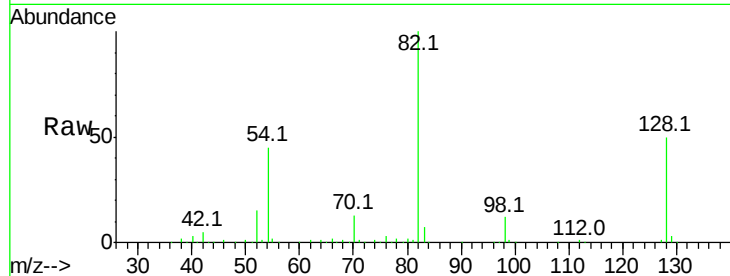




#23
Nitrobenzene-d5
Concen: 97.007 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF099672.D
Acq: 19 Oct 2017 22:19

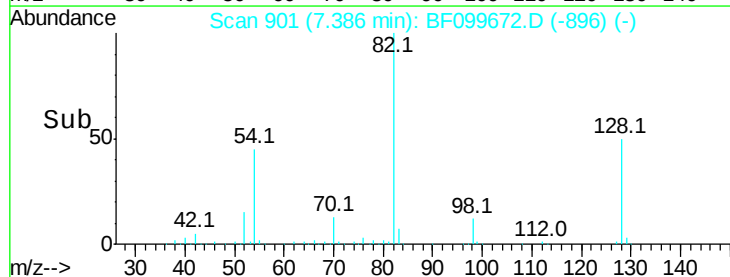
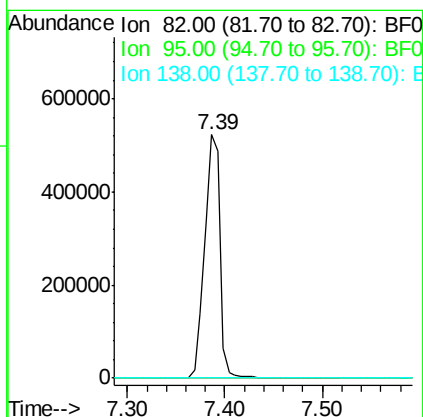
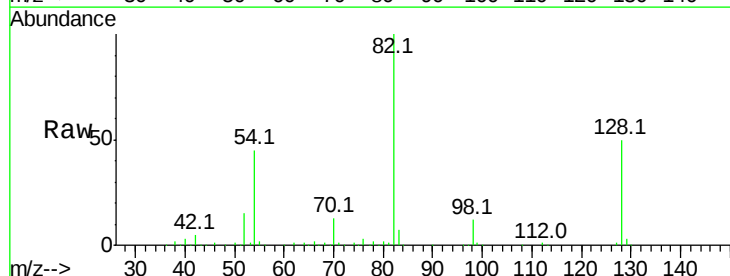
Instrument :
BNA_F
ClientSampleId :

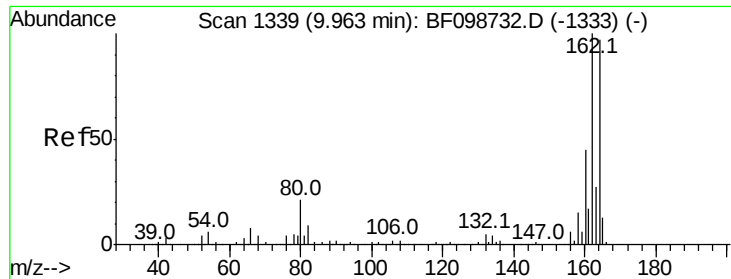
Tot Ion	82	Resp	568975
Ion Ratio	Lower	Upper	
82	100		
128	49.7	36.1	54.1
54	45.4	41.4	62.2



#25
Isophorone
Concen: 46.919 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.27 min
Lab File: BF099672.D
Acq: 19 Oct 2017 22:19

Tgt Ion	82	Resp	568968
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.02 min

Lab File: BF099672.D

Acq: 19 Oct 2017 22:19

Instrument :

BNA_F

ClientSampleId :

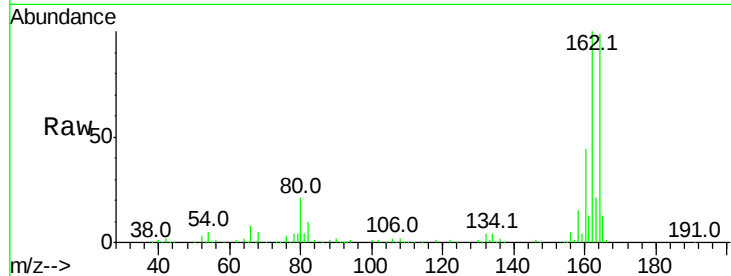
Tot Ion:164 Resp: 157766

Ion Ratio Lower Upper

164 100

162 101.4 86.1 129.1

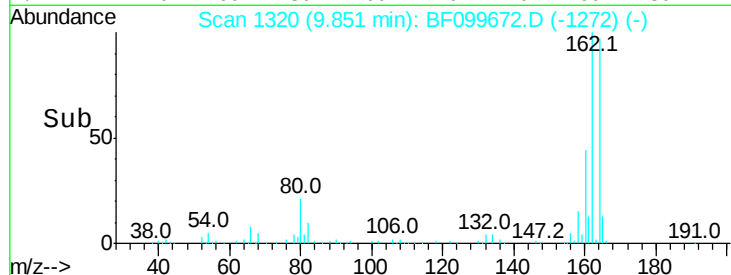
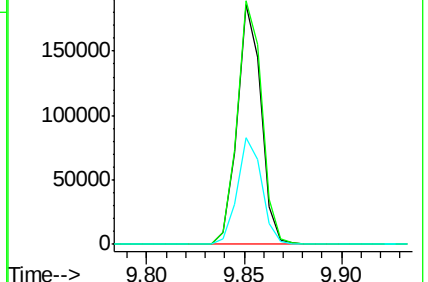
160 44.6 38.3 57.5



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: 86.675 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BF099672.D

Acq: 19 Oct 2017 22:19

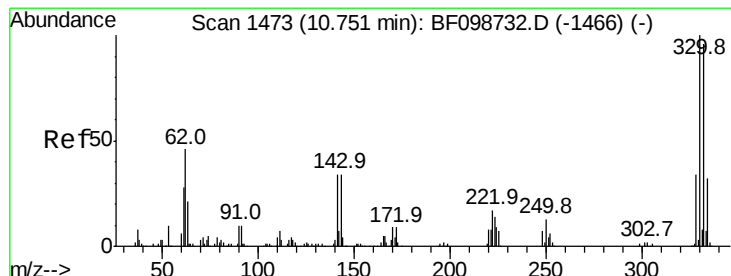
Tgt Ion:330 Resp: 111893

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

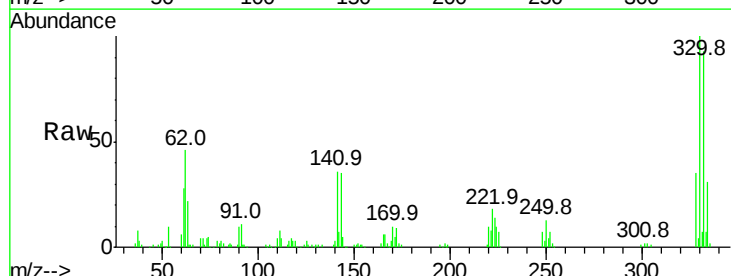
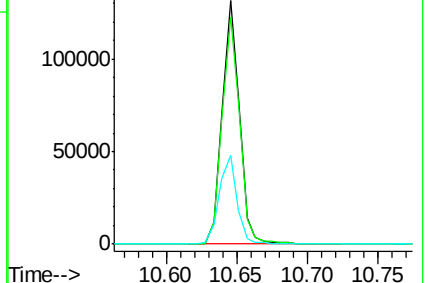
141 37.5 29.9 44.9

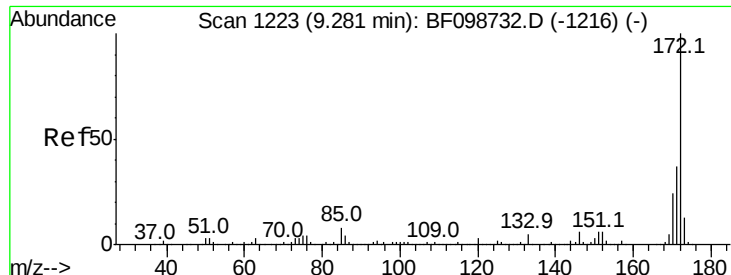


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



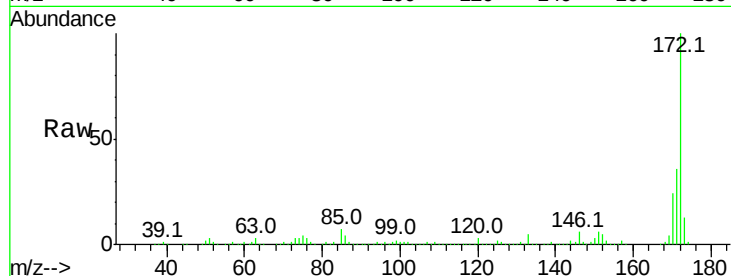


#44
 2-Fluorobiphenyl
 Concen: 110.306 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF099672.D
 Acq: 19 Oct 2017 22:19

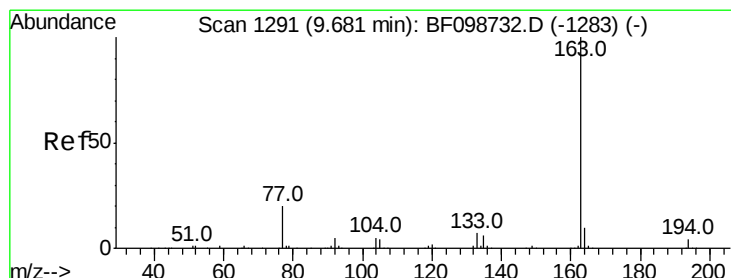
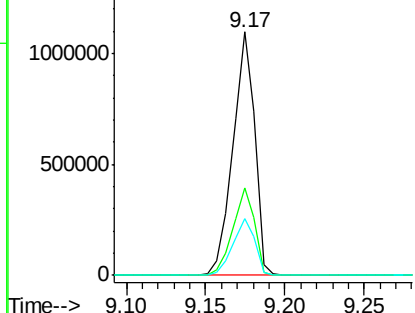
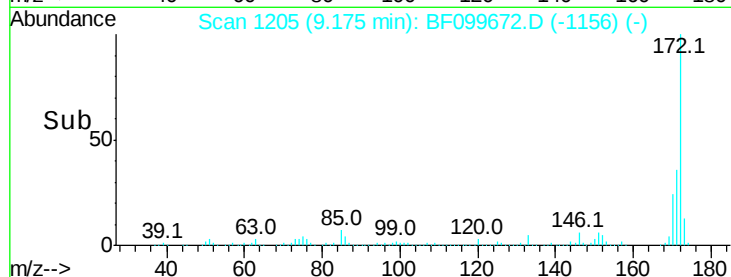
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1042433

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.5	19.6	29.4



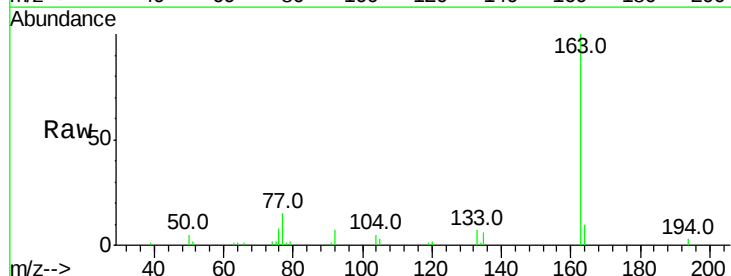
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



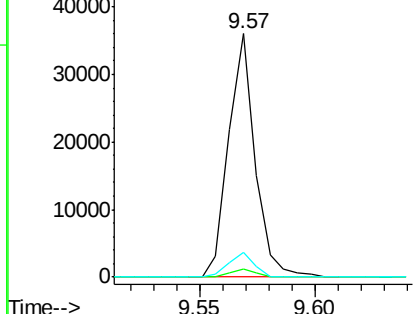
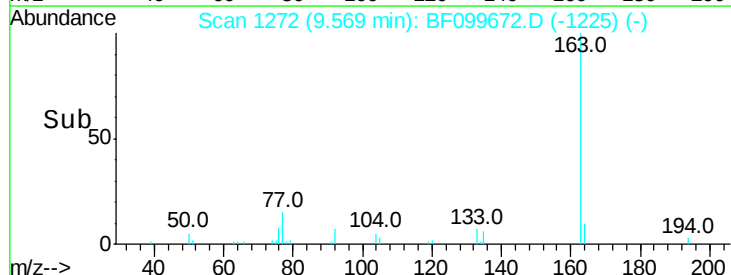
#49
 Dimethylphthalate
 Concen: 2.411 ng
 RT: 9.57 min Scan# 1272
 Delta R.T. -0.02 min
 Lab File: BF099672.D
 Acq: 19 Oct 2017 22:19

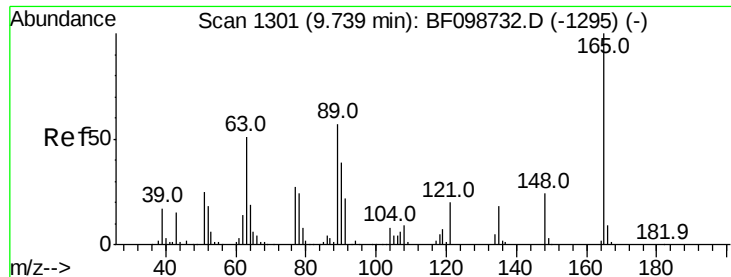
Tgt Ion:163 Resp: 28705

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.1	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

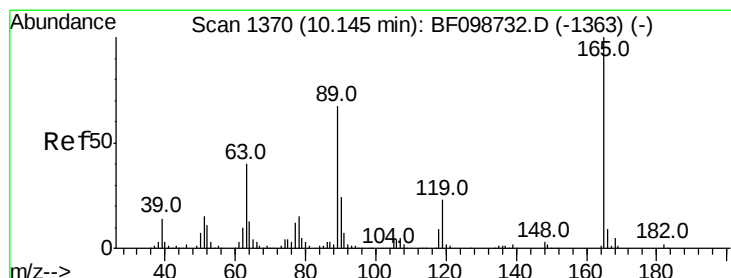
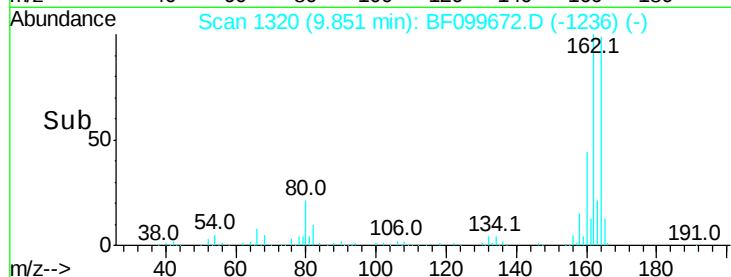
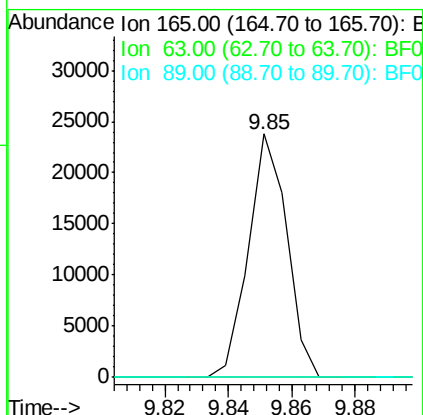
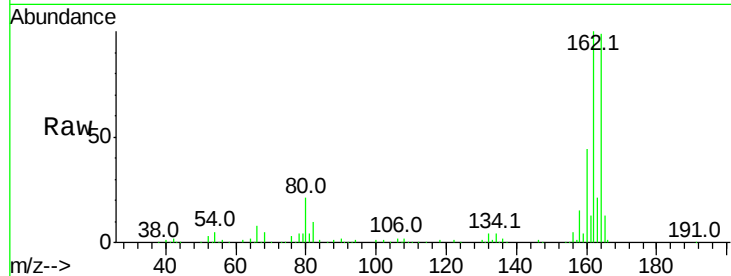




#50
2,6-Dinitrotoluene
Concen: 7.713 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.19 min
Lab File: BF099672.D
Acq: 19 Oct 2017 22:19

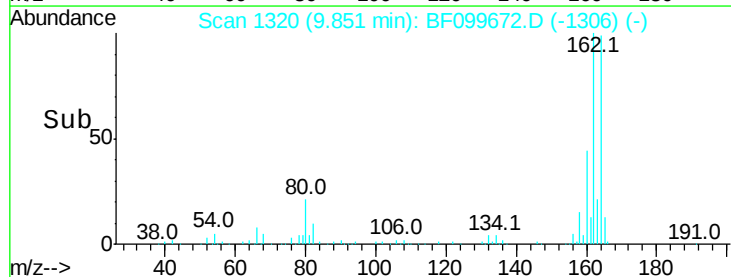
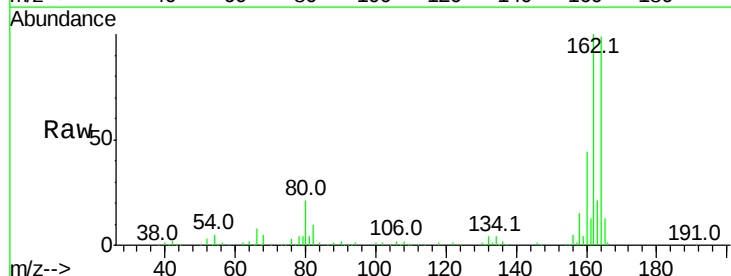
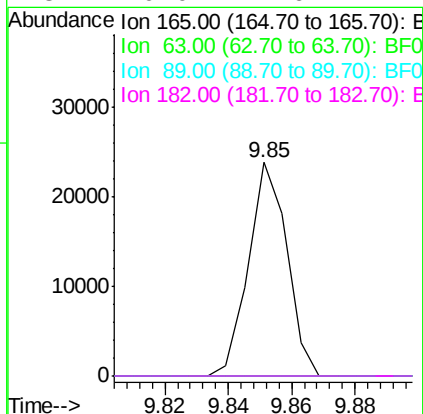
Instrument :
BNA_F
ClientSampleId :

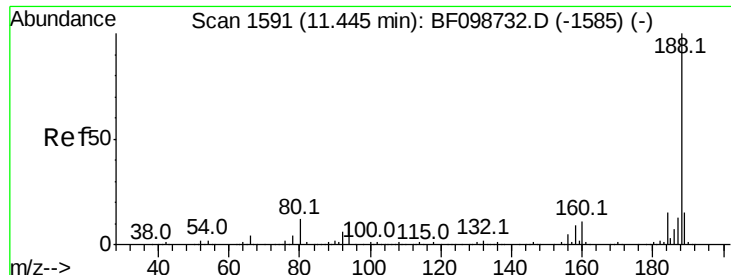
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
2,4-Dinitrotoluene
Concen: 5.943 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.22 min
Lab File: BF099672.D
Acq: 19 Oct 2017 22:19

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#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF099672.D

Acq: 19 Oct 2017 22:19

Instrument :

BNA_F

ClientSampleId :

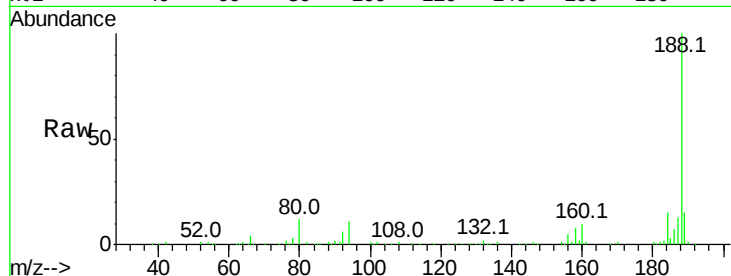
Tot Ion:188 Resp: 220185

Ion Ratio Lower Upper

188 100

94 11.2 8.5 12.7

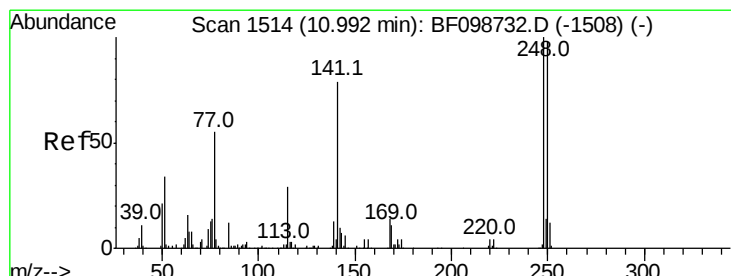
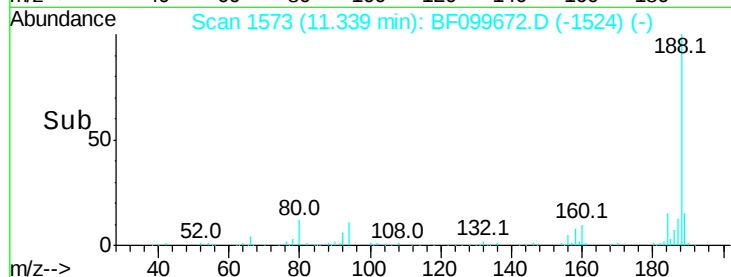
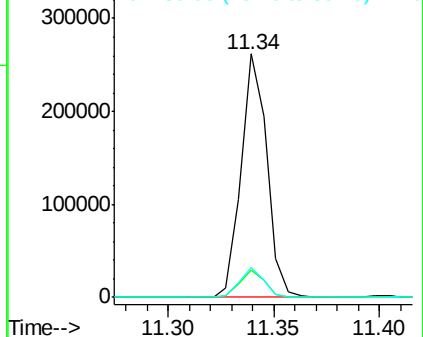
80 12.0 9.2 13.8



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: 3.511 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.25 min

Lab File: BF099672.D

Acq: 19 Oct 2017 22:19

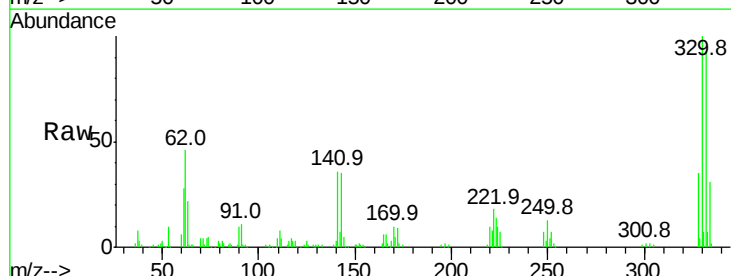
Tgt Ion:248 Resp: 7568

Ion Ratio Lower Upper

248 100

250 191.4 76.9 115.3#

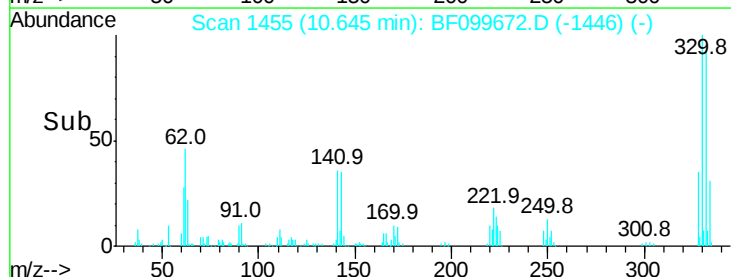
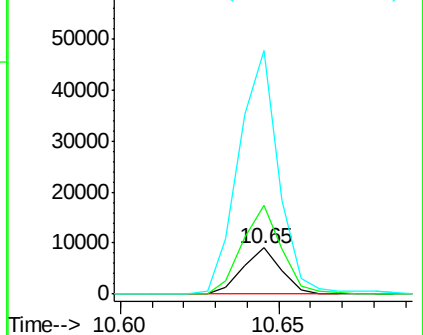
141 526.2 74.4 111.6#

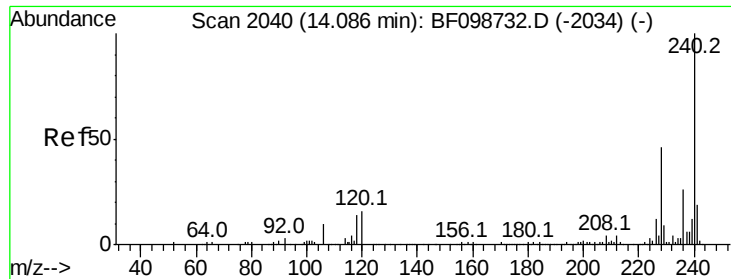


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

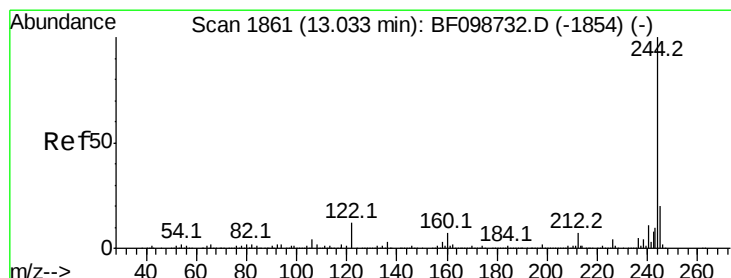
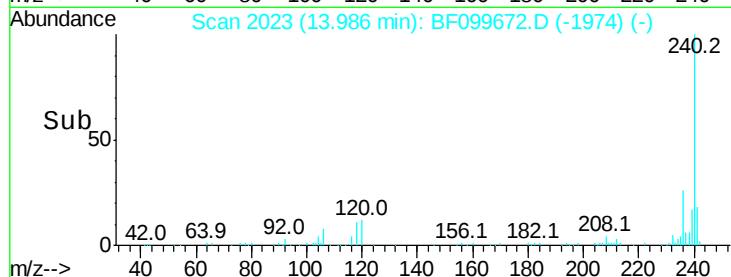
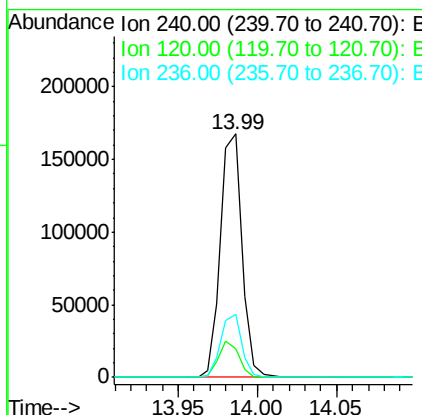
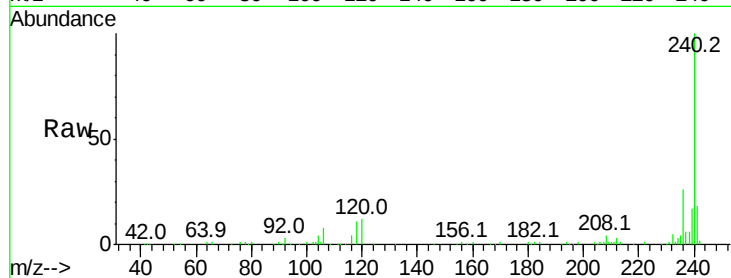




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF099672.D
 Acq: 19 Oct 2017 22:19

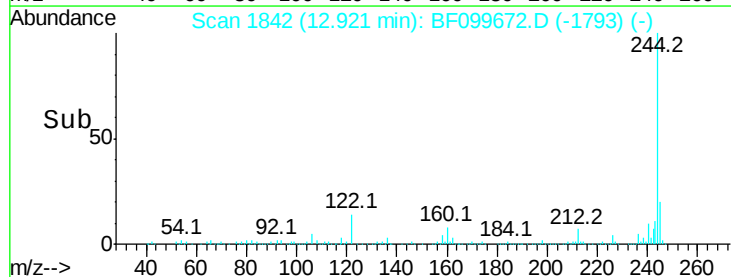
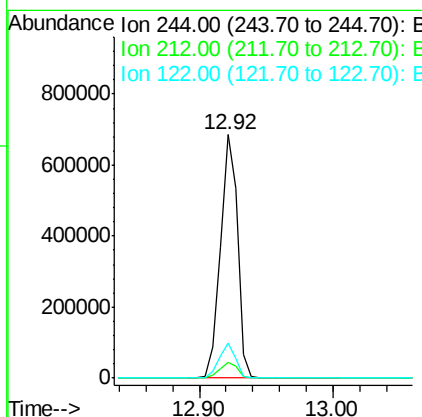
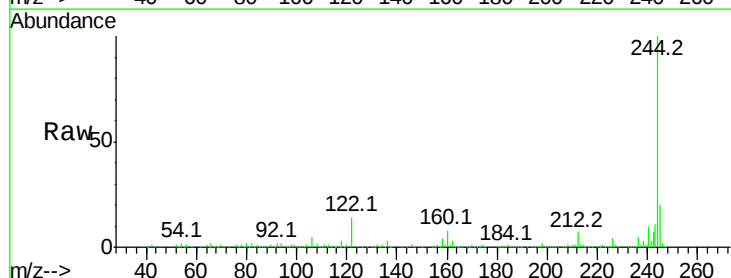
Instrument :
 BNA_F
 ClientSampleId :

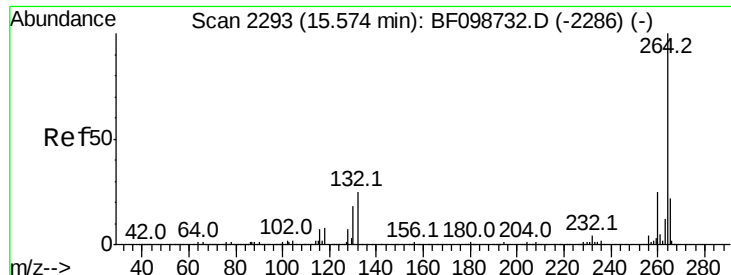
Tot Ion:240 Resp: 159423
 Ion Ratio Lower Upper
 240 100
 120 12.0 9.5 14.3
 236 26.1 20.7 31.1



#78
 Terphenyl-d14
 Concen: 88.455 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: BF099672.D
 Acq: 19 Oct 2017 22:19

Tgt Ion:244 Resp: 620075
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 14.2 11.0 16.4

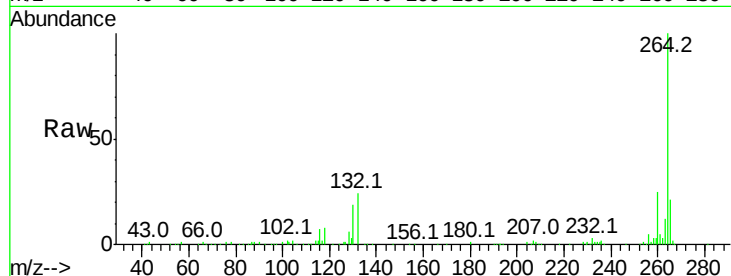




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BF099672.D
 Acq: 19 Oct 2017 22:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 177676
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 20.8 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

