

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
 Data File : BF099667.D
 Acq On : 19 Oct 2017 19:59
 Operator : SJ/JU
 Sample : I5924-03RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 20 12:49:58 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

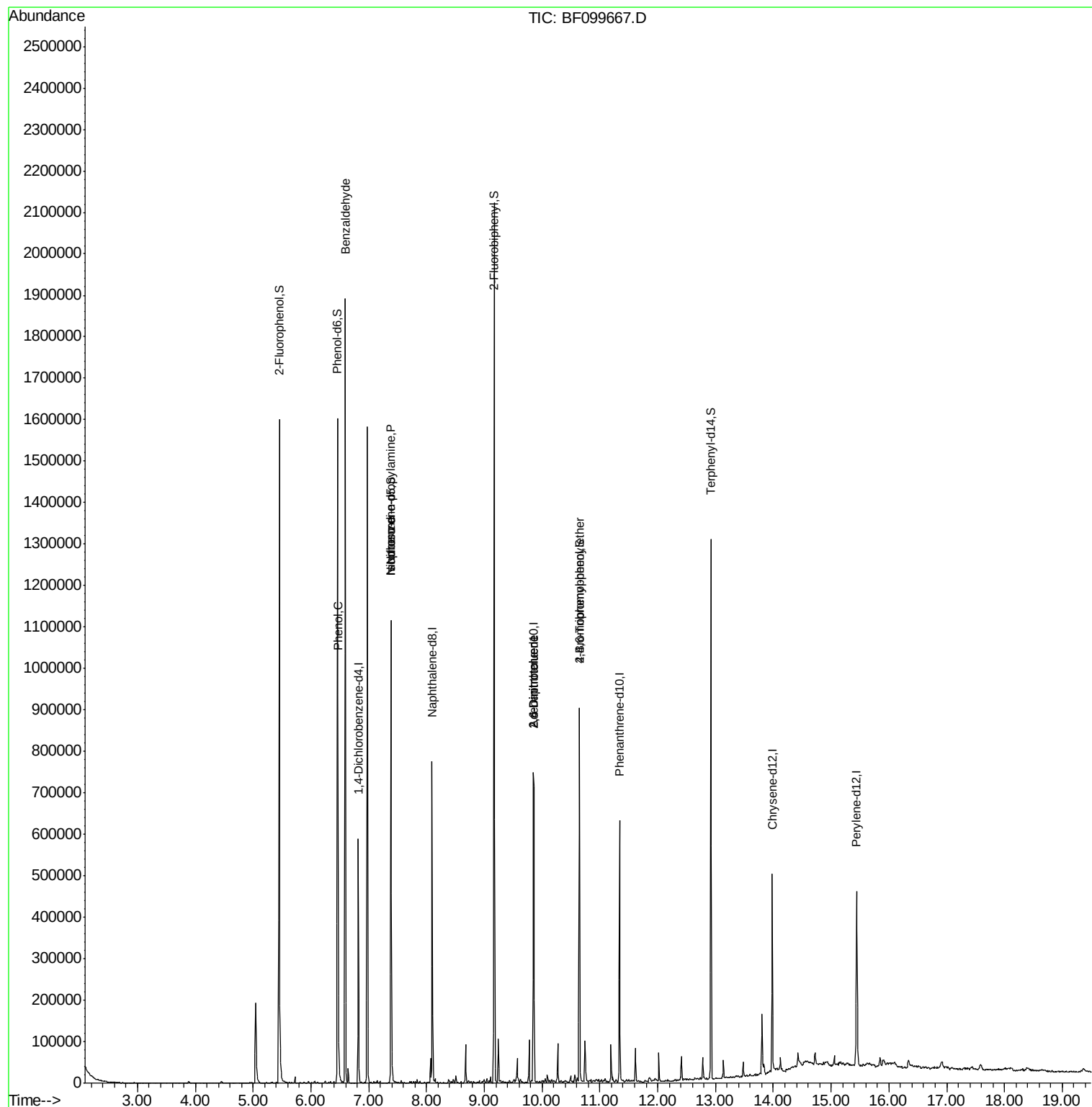
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	93291	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	372592	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	153683	20.00	ng	-0.02
63) Phenanthrene-d10	11.34	188	215149	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	155639	20.00	ng	-0.02
86) Perylene-d12	15.44	264	174888	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	512624	87.47	ng	0.00
7) Phenol-d6	6.46	99	604312	83.59	ng	-0.02
23) Nitrobenzene-d5	7.39	82	348805	60.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	98625	78.43	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	664741	72.21	ng	-0.01
78) Terphenyl-d14	12.92	244	383342	56.01	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.59	77	9445	2.252	ng	85
10) Phenol	6.47	94	28240	3.493	ng	97
19) n-Nitroso-di-n-propylamine	7.39	70	44404	9.620	ng	# 72
25) Isophorone	7.39	82	348840	29.041	ng	# 64
50) 2,6-Dinitrotoluene	9.85	165	19773	7.830	ng	# 26
56) 2,4-Dinitrotoluene	9.85	165	19773	6.033	ng	# 23
66) 4-Bromophenyl-phenylether	10.65	248	6592	3.130	ng	# 1

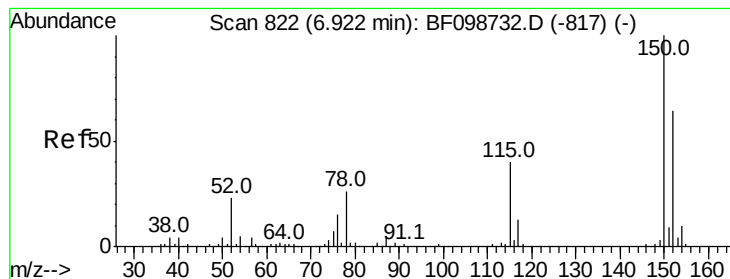
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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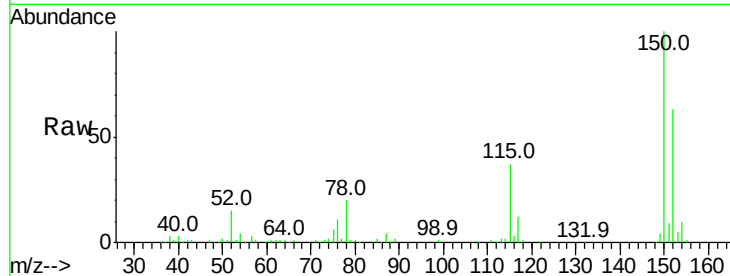


#1

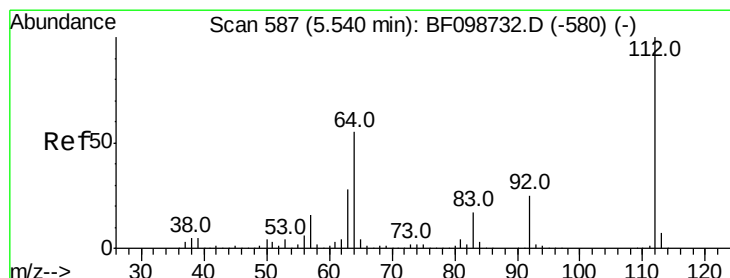
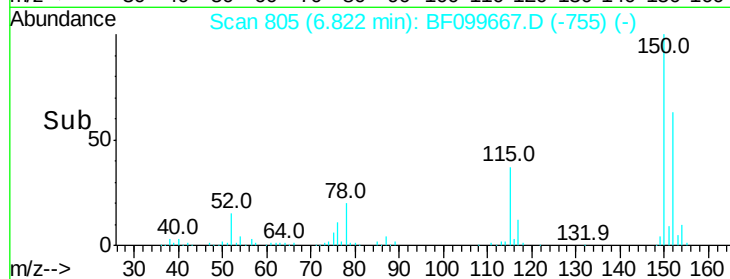
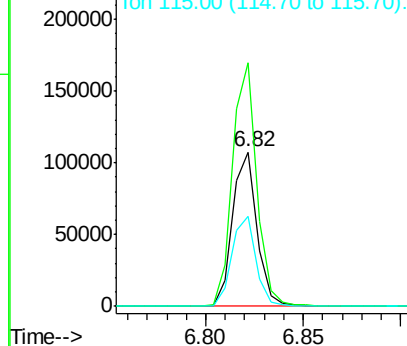
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF099667.D
 Acq: 19 Oct 2017 19:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 93291
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.6 186.8
 115 57.9 50.1 75.1



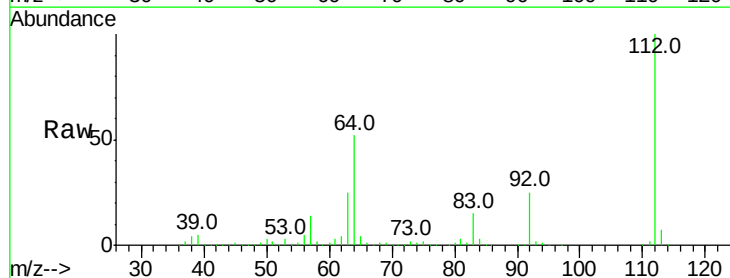
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



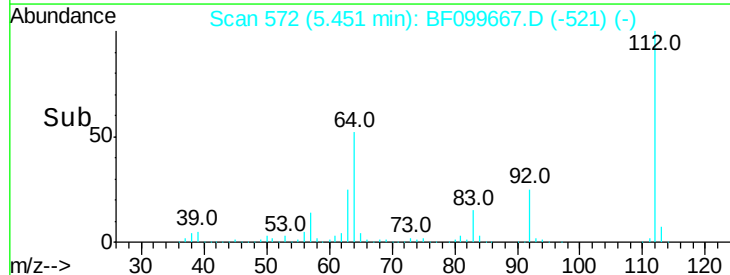
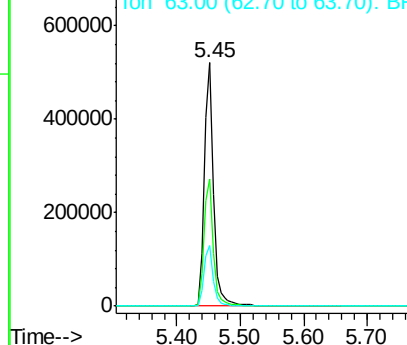
#5

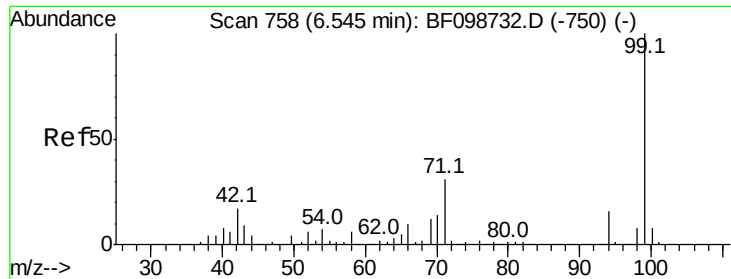
2-Fluorophenol
 Concen: 87.473 ng
 RT: 5.45 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF099667.D
 Acq: 19 Oct 2017 19:59

Tgt Ion:112 Resp: 512624
 Ion Ratio Lower Upper
 112 100
 64 52.2 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: 83.591 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF099667.D

Acq: 19 Oct 2017 19:59

Instrument :

BNA_F

ClientSampleId :

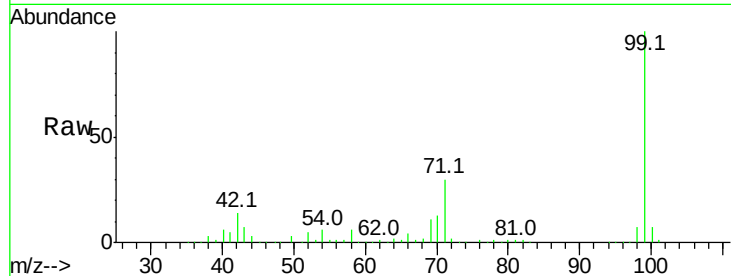
Tot Ion: 99 Resp: 604312

Ion Ratio Lower Upper

99 100

42 14.3 14.5 21.7#

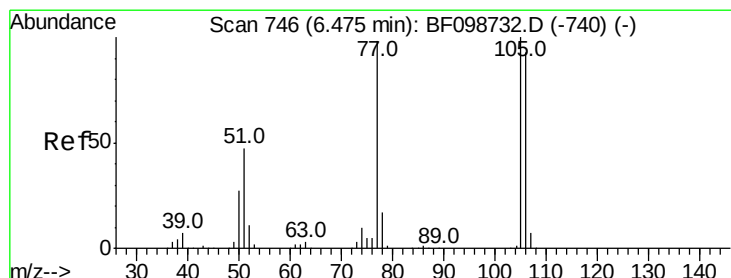
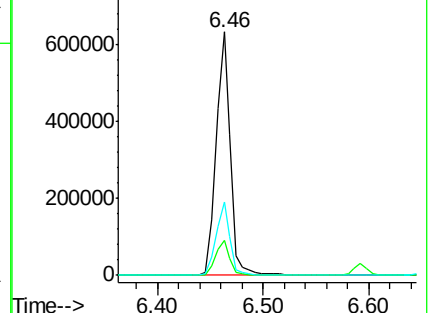
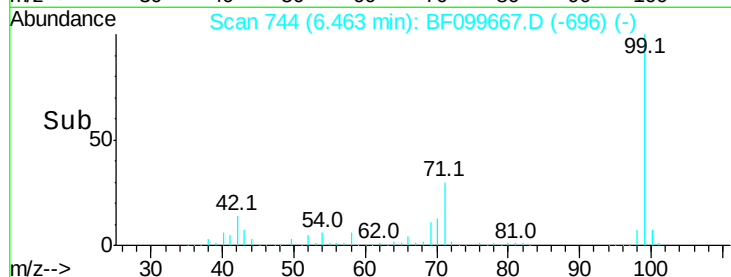
71 30.0 25.4 38.0



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: 2.252 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.21 min

Lab File: BF099667.D

Acq: 19 Oct 2017 19:59

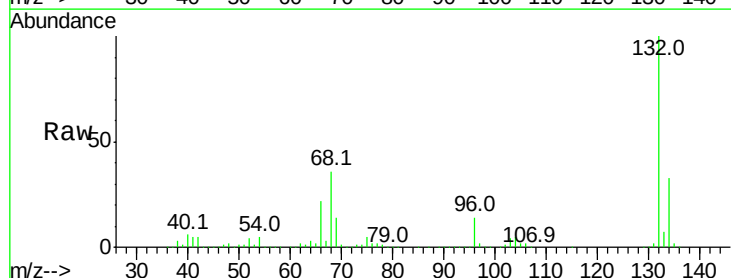
Tgt Ion: 77 Resp: 9445

Ion Ratio Lower Upper

77 100

105 81.6 81.1 121.1

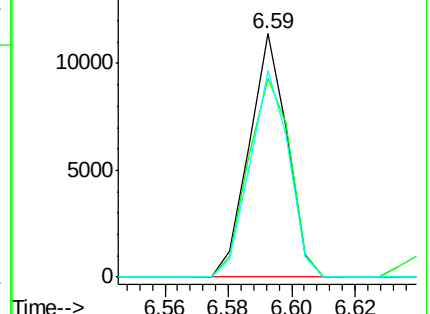
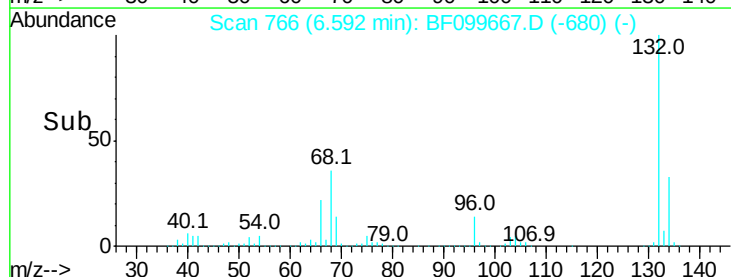
106 84.9 74.5 114.5

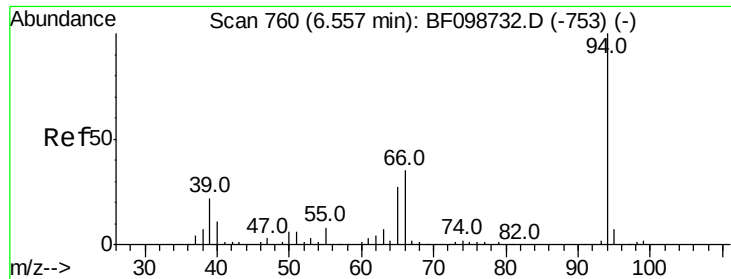


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

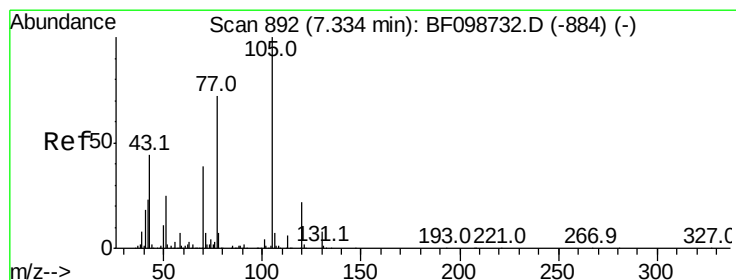
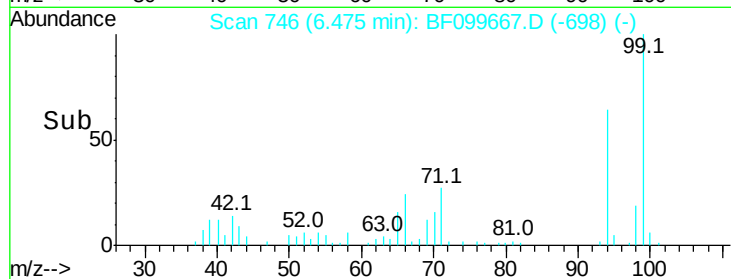
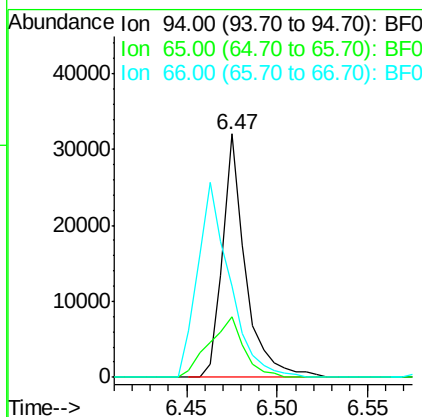
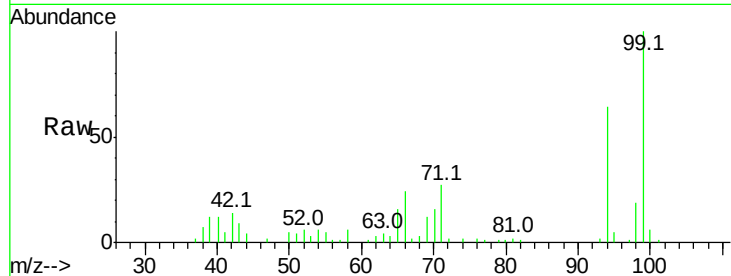




#10
 Phenol
 Concen: 3.493 ng
 RT: 6.47 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF099667.D
 Acq: 19 Oct 2017 19:59

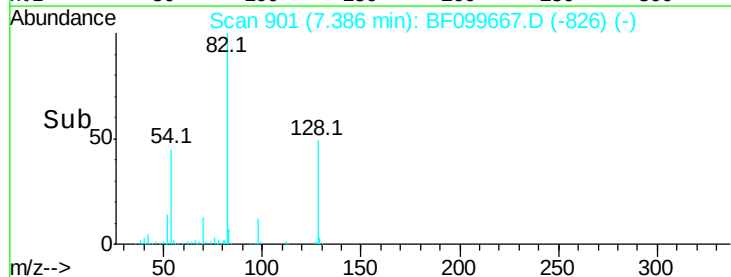
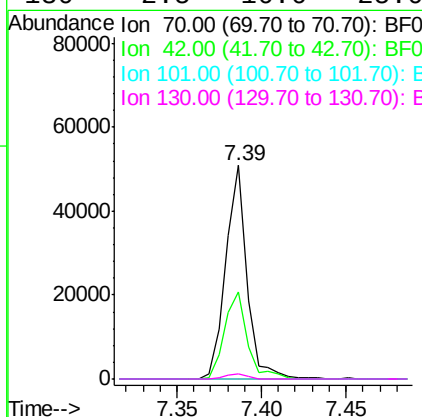
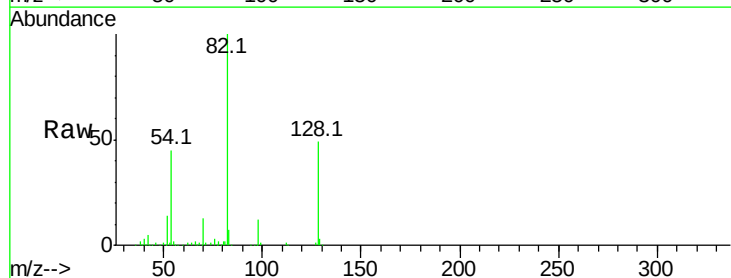
Instrument :
 BNA_F
 ClientSampleId :

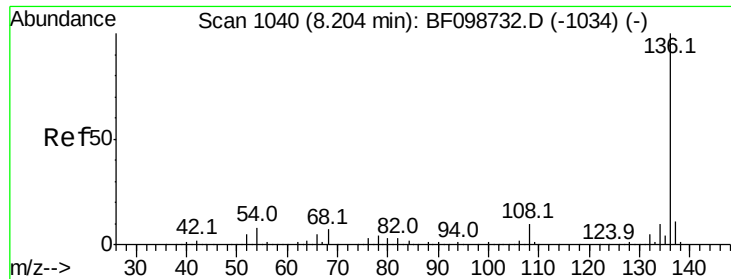
Tot Ion: 94 Resp: 28240
 Ion Ratio Lower Upper
 94 100
 65 25.1 7.9 47.9
 66 37.3 16.2 56.2



#19
 n-Nitroso-di-n-propylamine
 Concen: 9.620 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.14 min
 Lab File: BF099667.D
 Acq: 19 Oct 2017 19:59

Tgt Ion: 70 Resp: 44404
 Ion Ratio Lower Upper
 70 100
 42 40.7 47.5 71.3#
 101 0.0 7.4 11.2#
 130 2.5 16.6 25.0#

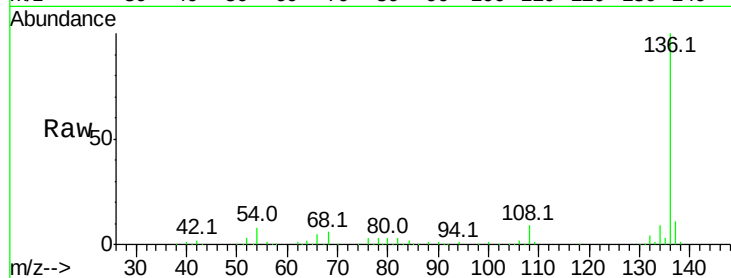




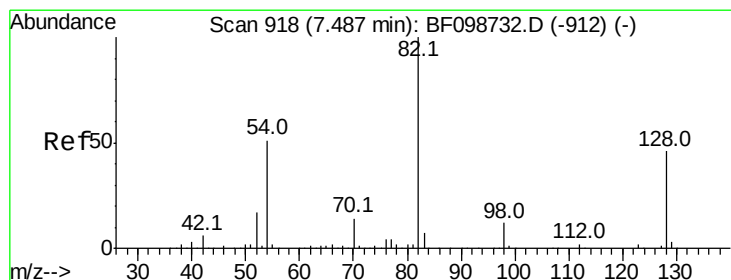
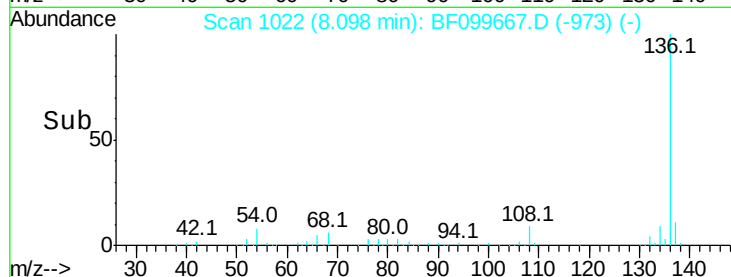
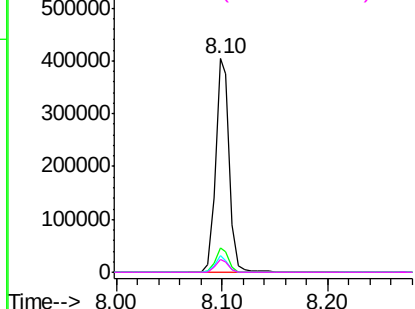
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF099667.D
Acq: 19 Oct 2017 19:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	372592
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.5	6.6	9.8
68	6.3	5.0	7.4

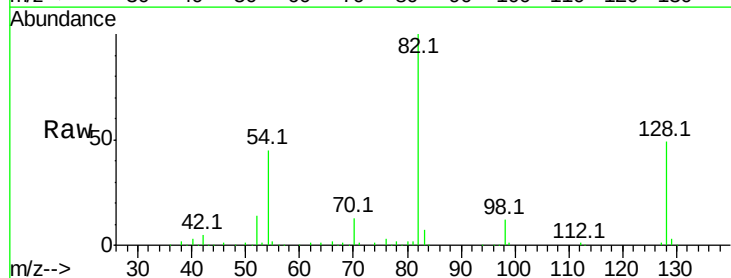


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

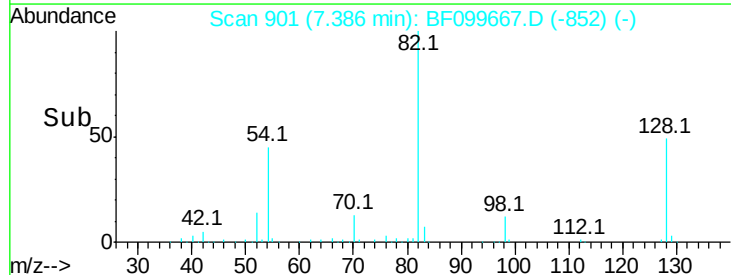
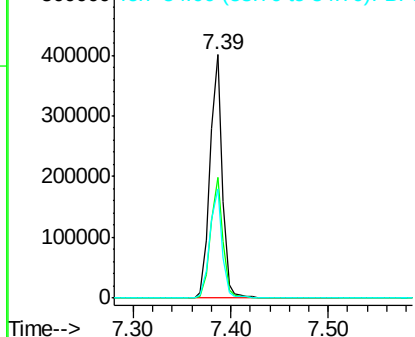


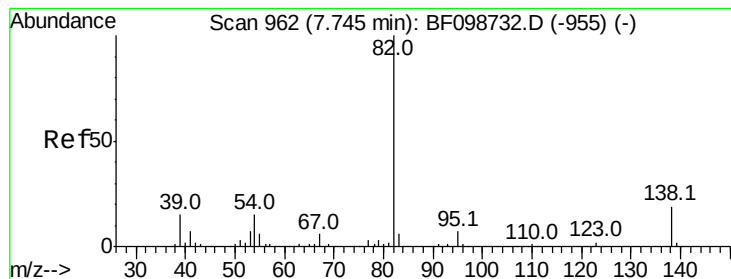
#23
Nitrobenzene-d5
Concen: 60.036 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF099667.D
Acq: 19 Oct 2017 19:59

Tgt Ion:	82	Resp:	348805
Ion	Ratio	Lower	Upper
82	100		
128	49.4	36.1	54.1
54	44.6	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: 29.041 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.27 min

Lab File: BF099667.D

Acq: 19 Oct 2017 19:59

Instrument :

BNA_F

ClientSampled :

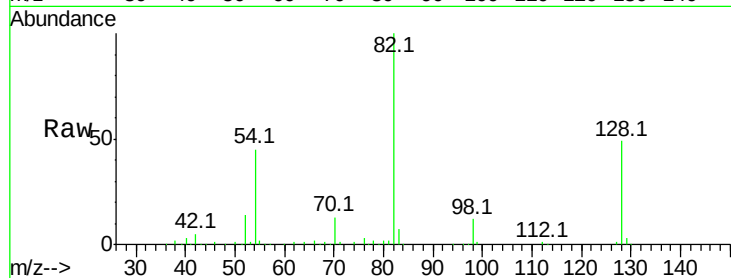
Tot Ion: 82 Resp: 348840

Ion Ratio Lower Upper

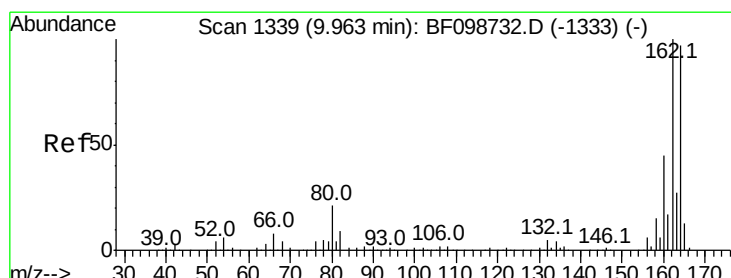
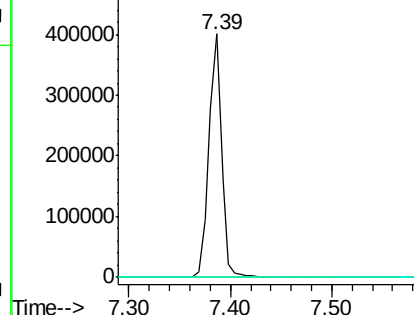
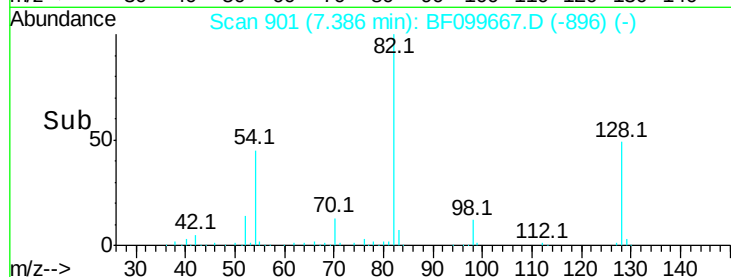
82 100

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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.02 min

Lab File: BF099667.D

Acq: 19 Oct 2017 19:59

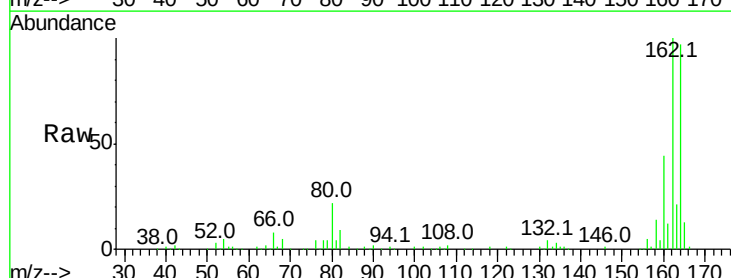
Tgt Ion:164 Resp: 153683

Ion Ratio Lower Upper

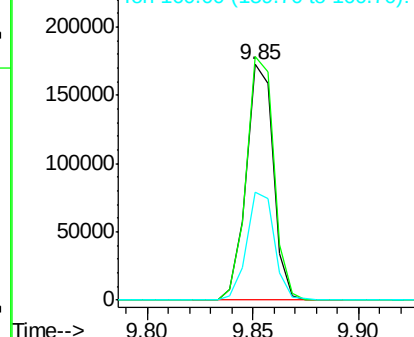
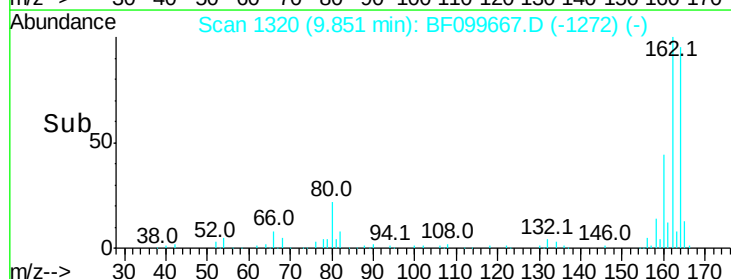
164 100

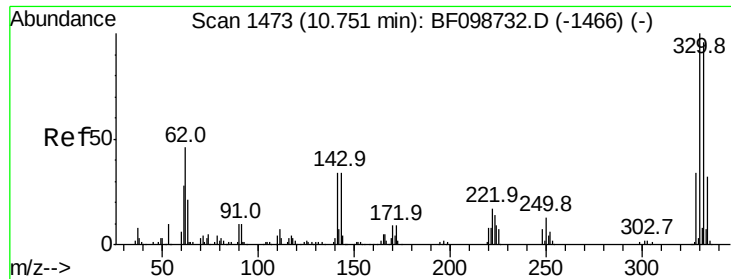
162 103.3 86.1 129.1

160 45.6 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

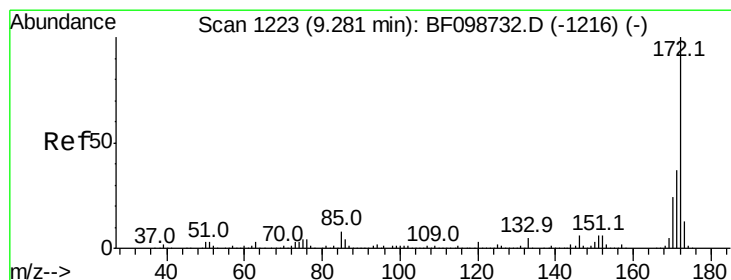
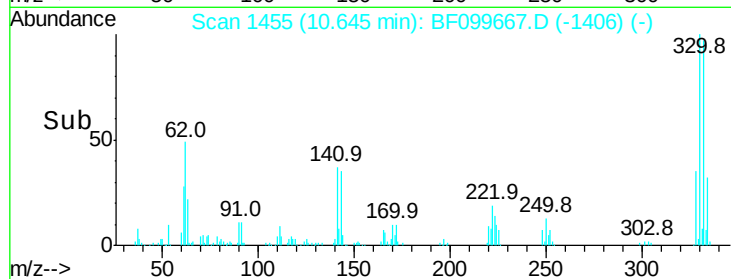
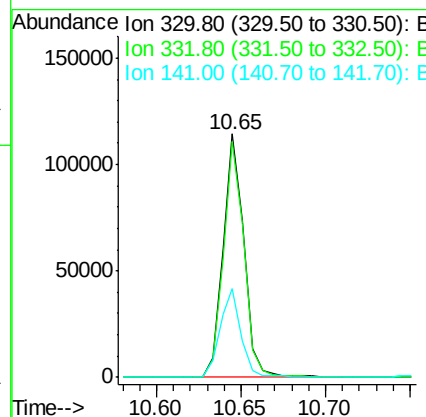
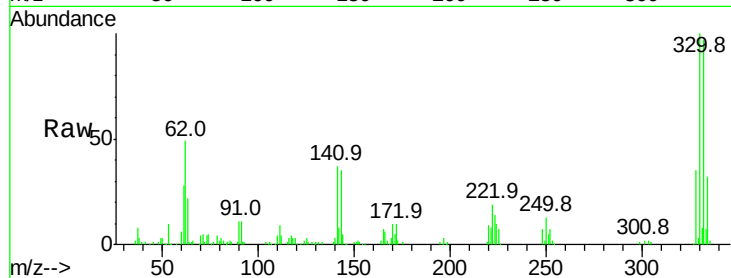




#41
 2,4,6-Tribromophenol
 Concen: 78.427 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF099667.D
 Acq: 19 Oct 2017 19:59

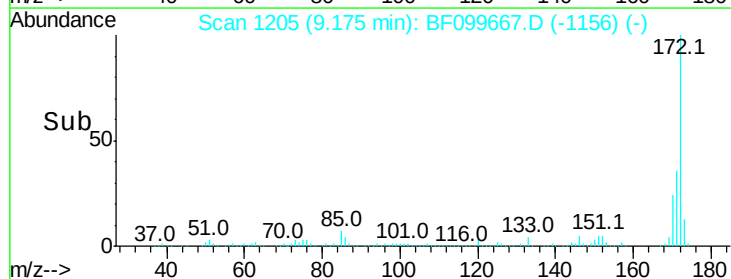
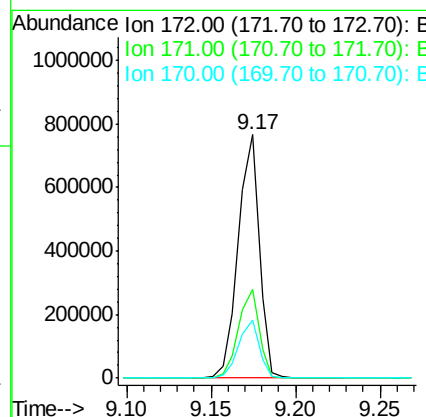
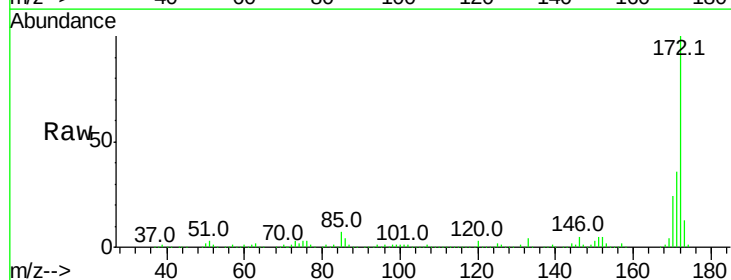
Instrument :
 BNA_F
 ClientSampleId :

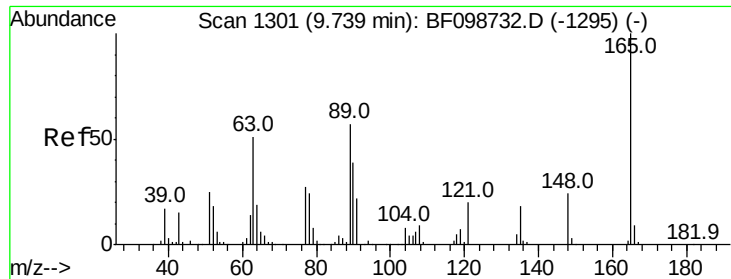
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	37.1	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 72.209 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF099667.D
 Acq: 19 Oct 2017 19:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.6	19.6	29.4

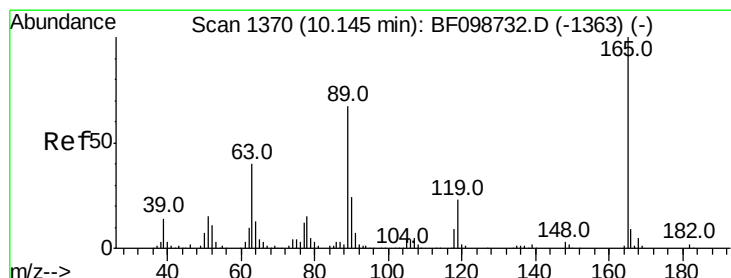
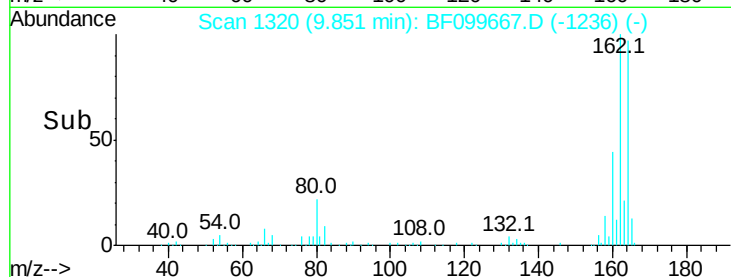
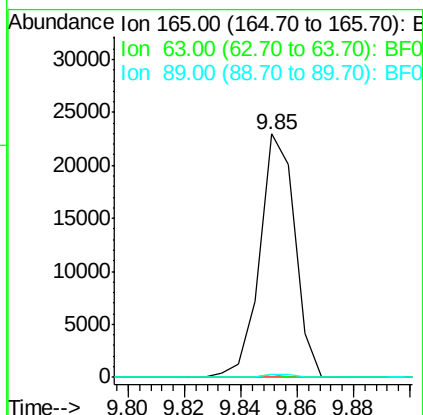
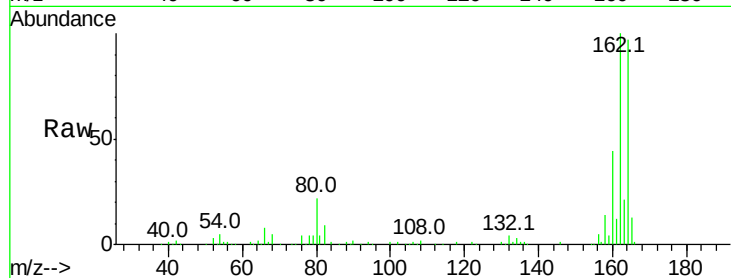




#50
2,6-Dinitrotoluene
Concen: 7.830 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.19 min
Lab File: BF099667.D
Acq: 19 Oct 2017 19:59

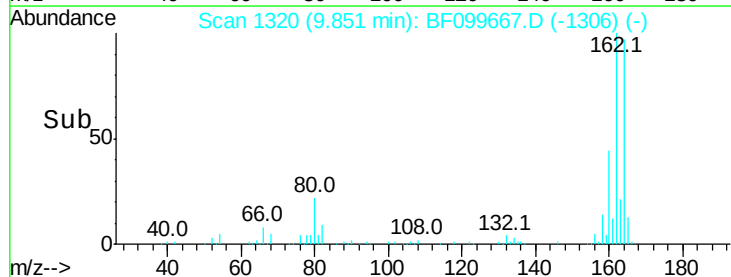
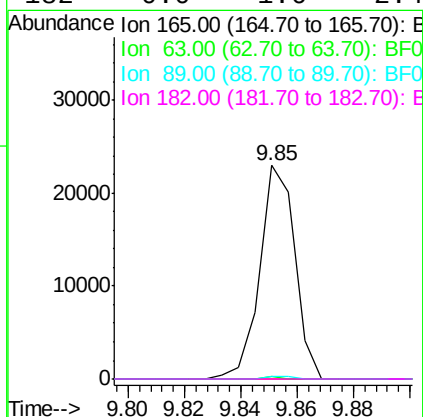
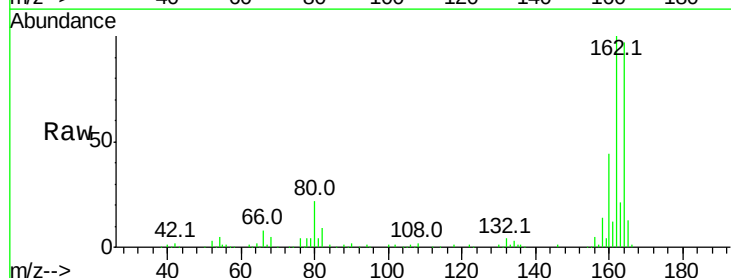
Instrument :
BNA_F
ClientSampleId :

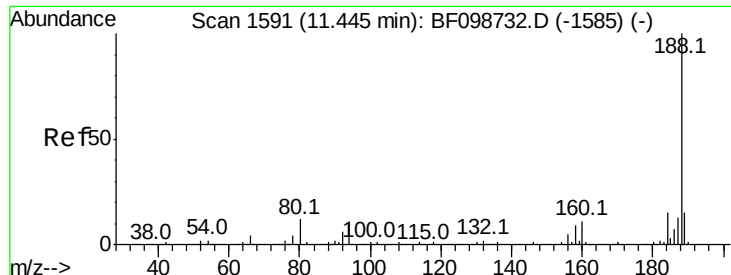
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.4	44.0	66.0#



#56
2,4-Dinitrotoluene
Concen: 6.033 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.22 min
Lab File: BF099667.D
Acq: 19 Oct 2017 19:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

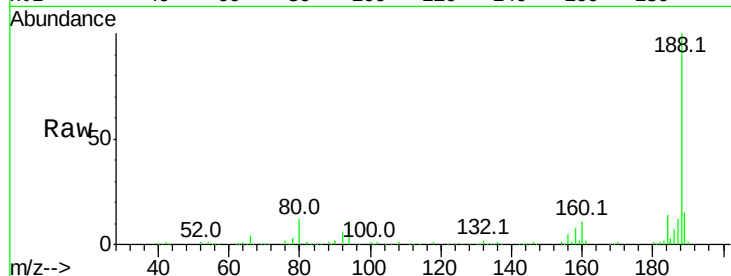




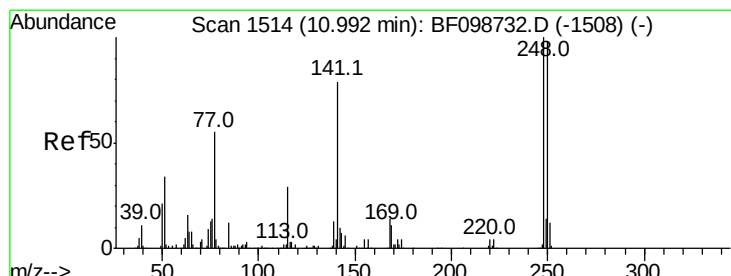
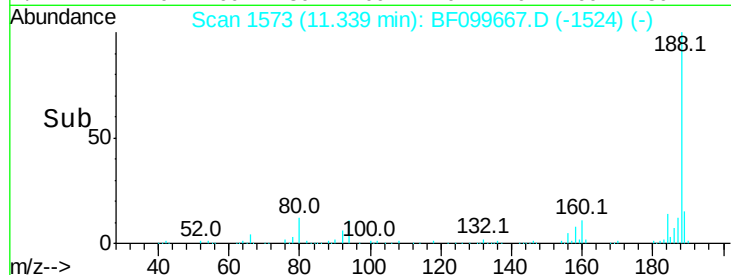
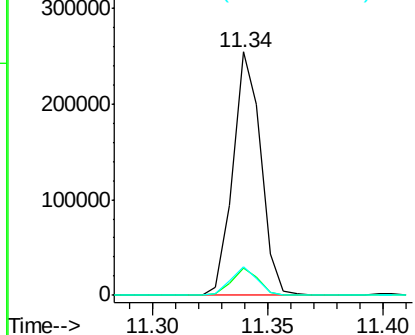
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF099667.D
Acq: 19 Oct 2017 19:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 215149
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.5 9.2 13.8

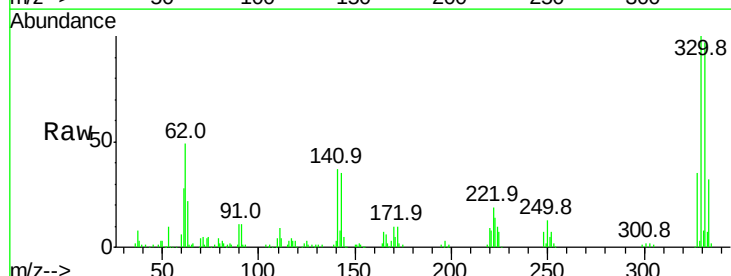


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

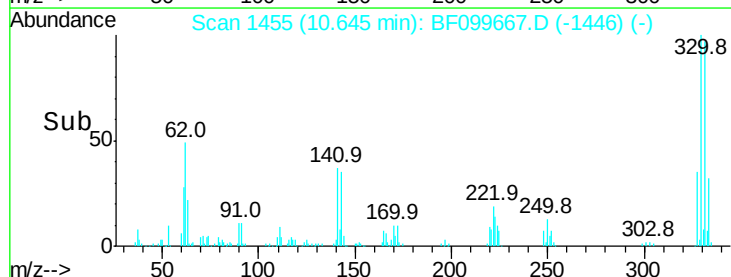
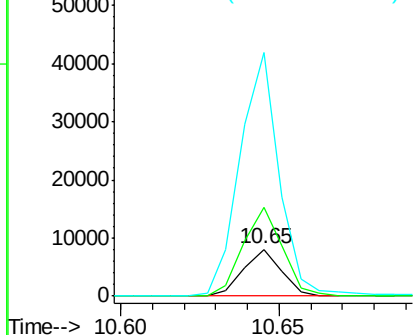


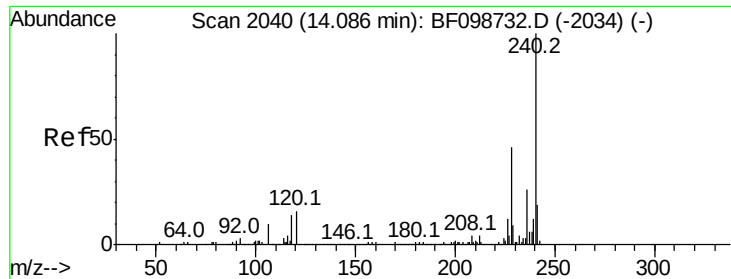
#66
4-Bromophenyl-phenylether
Concen: 3.130 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.25 min
Lab File: BF099667.D
Acq: 19 Oct 2017 19:59

Tgt Ion:248 Resp: 6592
Ion Ratio Lower Upper
248 100
250 190.5 76.9 115.3#
141 519.6 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: 13.98 min Scan# 2022

Delta R.T. -0.02 min

Lab File: BF099667.D

Acq: 19 Oct 2017 19:59

Instrument :

BNA_F

ClientSampleId :

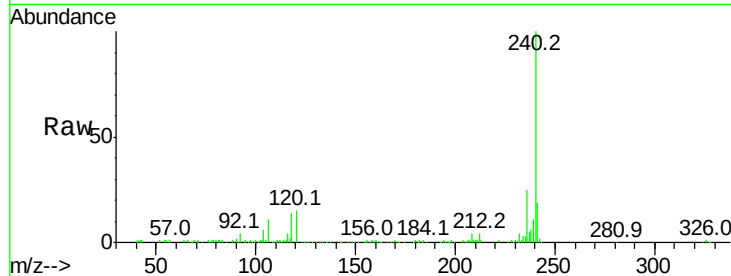
Tot Ion:240 Resp: 155639

Ion Ratio Lower Upper

240 100

120 15.1 9.5 14.3#

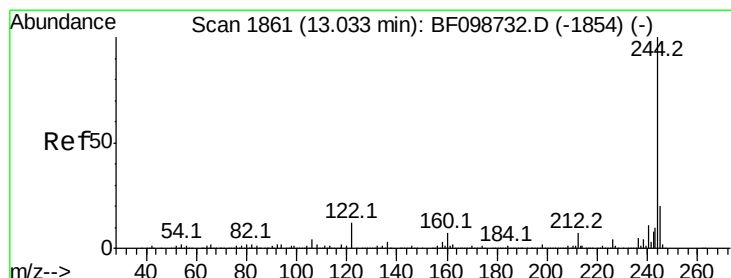
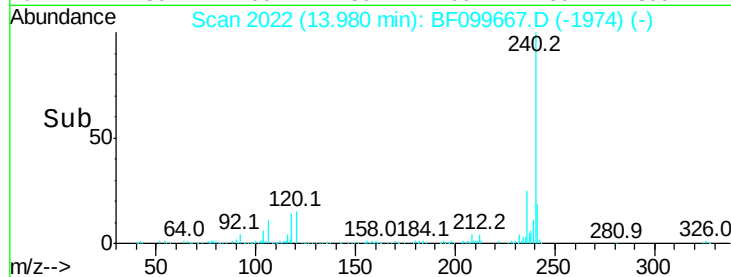
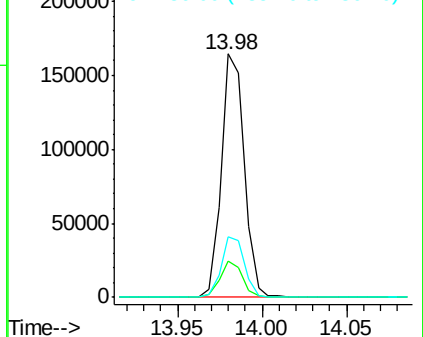
236 25.1 20.7 31.1



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: 56.014 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BF099667.D

Acq: 19 Oct 2017 19:59

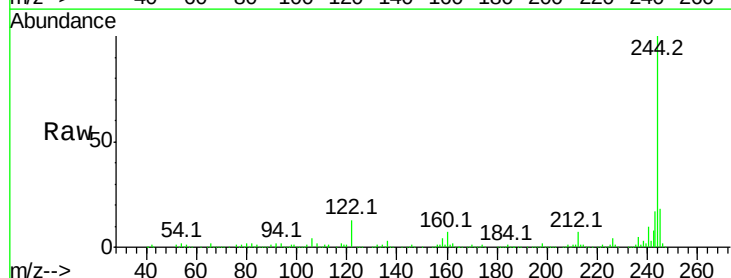
Tgt Ion:244 Resp: 383342

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

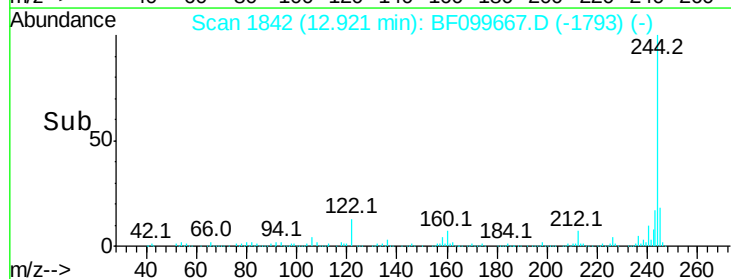
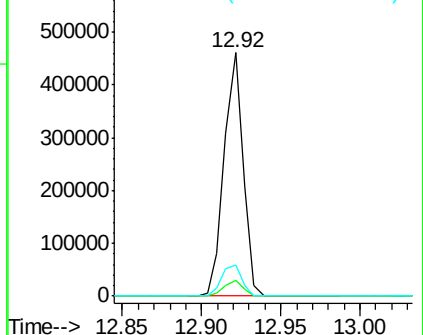
122 12.9 11.0 16.4

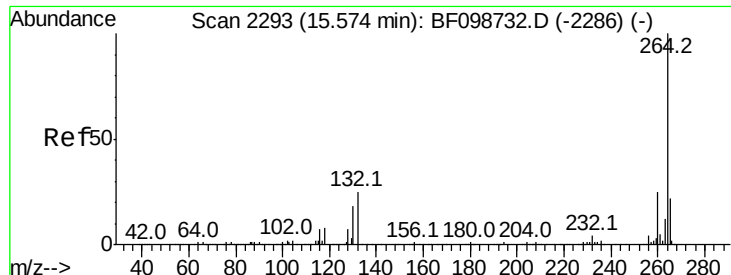


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

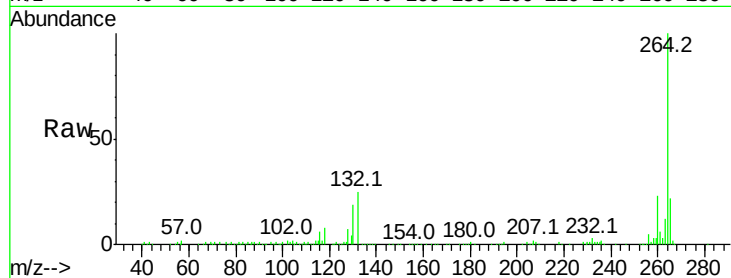




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF099667.D
Acq: 19 Oct 2017 19:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.4	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

