

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099341.D
 Acq On : 11 Oct 2017 12:54
 Operator : SJ/JU
 Sample : I5765-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 11 15:30:40 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

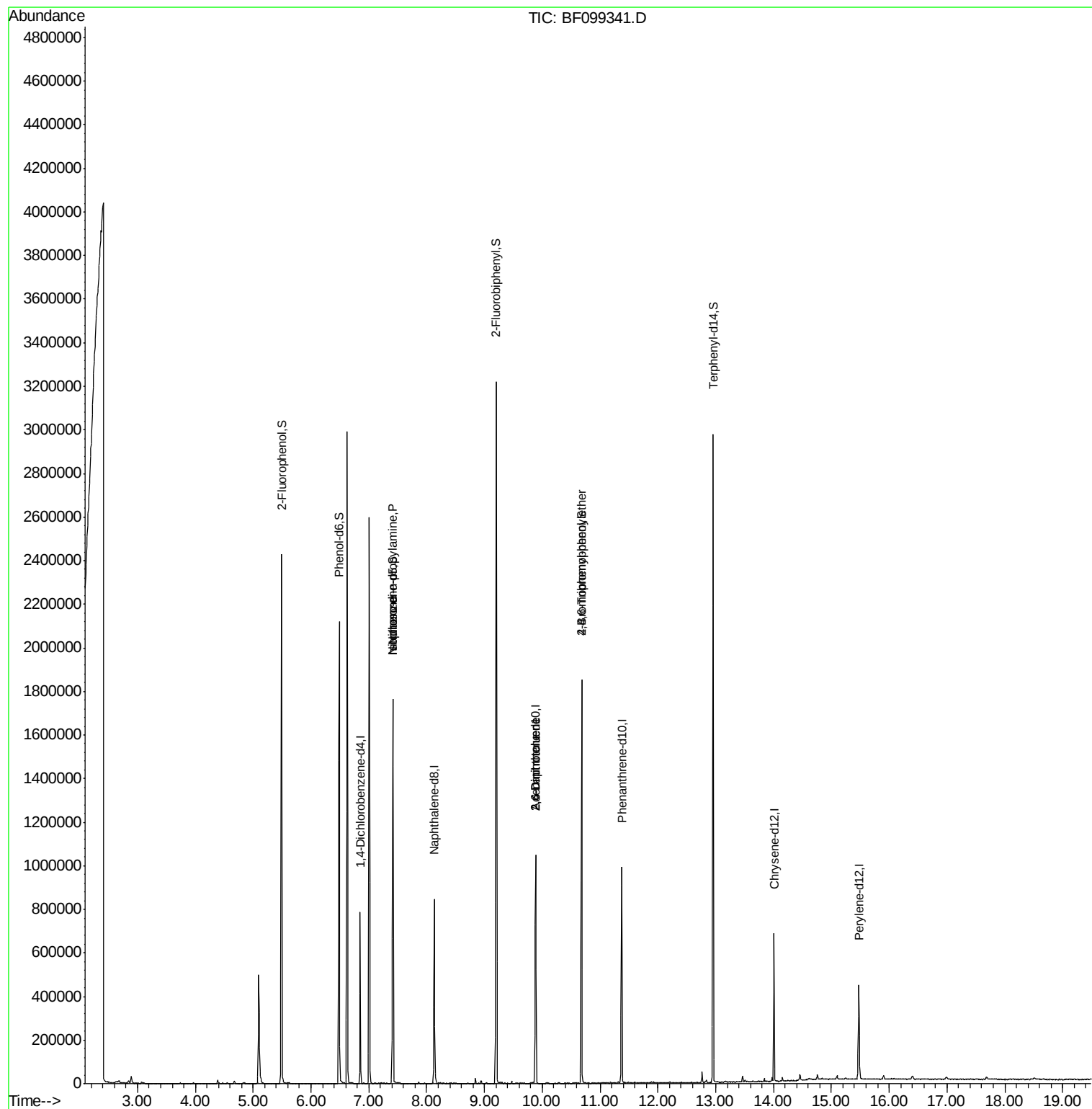
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	107588	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	442956	20.00	ng	-0.02
38) Acenaphthene-d10	9.89	164	203798	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	359306	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	204357	20.00	ng	-0.02
86) Perylene-d12	15.47	264	183477	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	813401	120.35	ng	0.01
7) Phenol-d6	6.49	99	868933	104.22	ng	-0.01
23) Nitrobenzene-d5	7.42	82	677524	98.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	239421	143.57	ng	-0.02
44) 2-Fluorobiphenyl	9.21	172	1241612	101.71	ng	-0.02
78) Terphenyl-d14	12.96	244	1023955	113.95	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	86384	16.228	ng	# 75
25) Isophorone	7.42	82	677508	47.443	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	25695	7.673	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	25695	5.912	ng	# 22
66) 4-Bromophenyl-phenylether	10.68	248	15908	4.523	ng	# 1

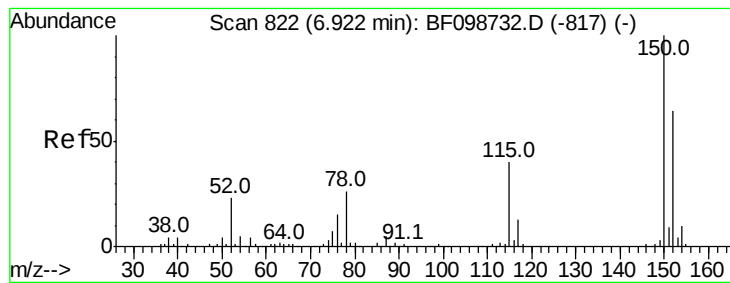
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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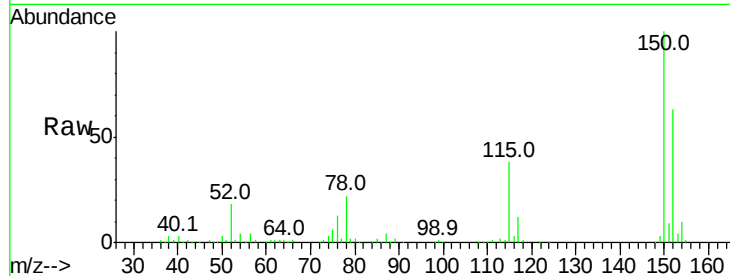


#1

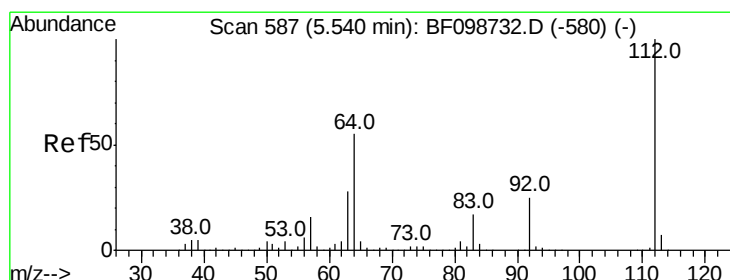
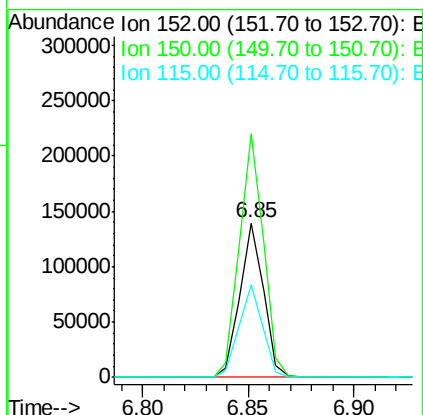
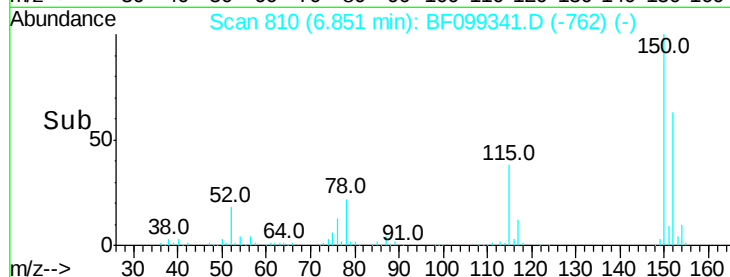
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.02 min
Lab File: BF099341.D
Acq: 11 Oct 2017 12:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 107588
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 60.1 50.1 75.1



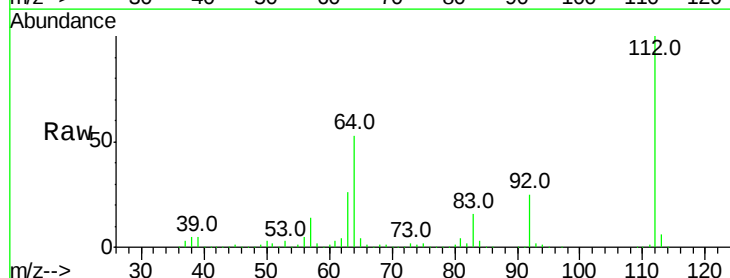
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



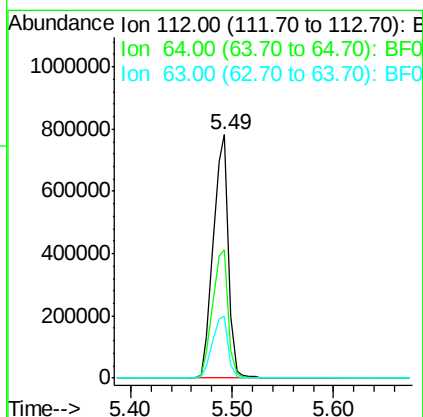
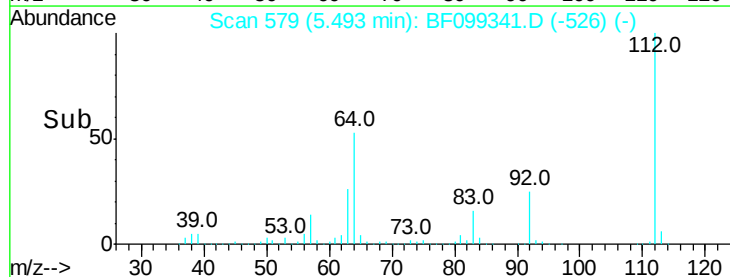
#5

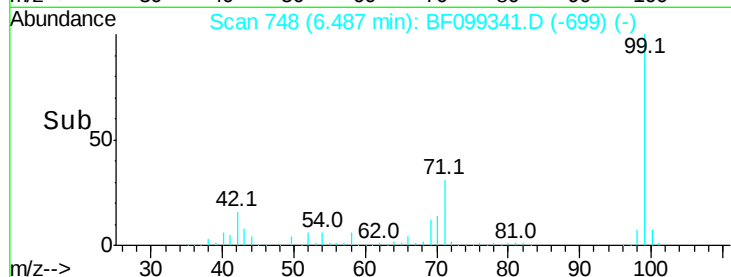
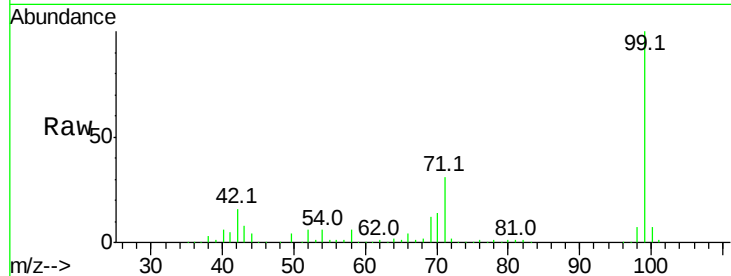
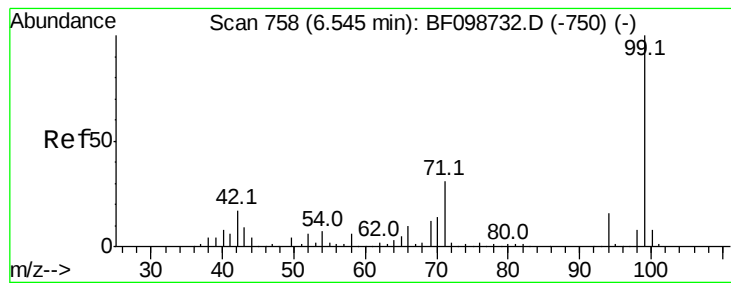
2-Fluorophenol
Concen: 120.353 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF099341.D
Acq: 11 Oct 2017 12:54

Tgt Ion:112 Resp: 813401
Ion Ratio Lower Upper
112 100
64 52.9 47.9 71.9
63 25.7 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: 104.222 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF099341.D

Acq: 11 Oct 2017 12:54

Tot Ion: 99 Resp: 868933

Ion Ratio Lower Upper

99 100

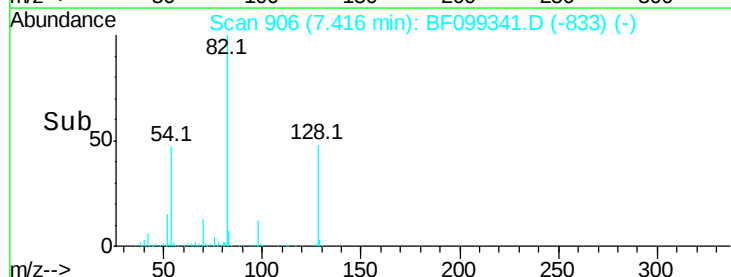
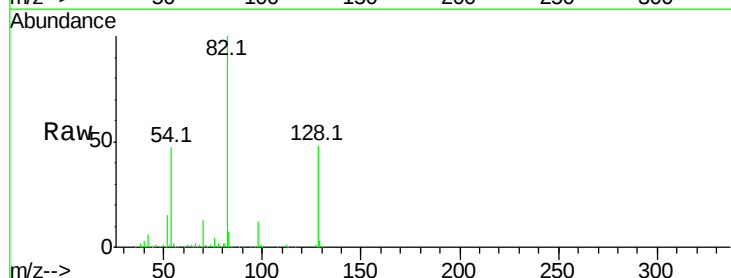
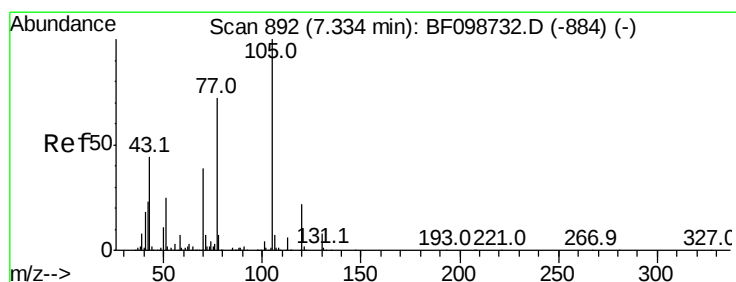
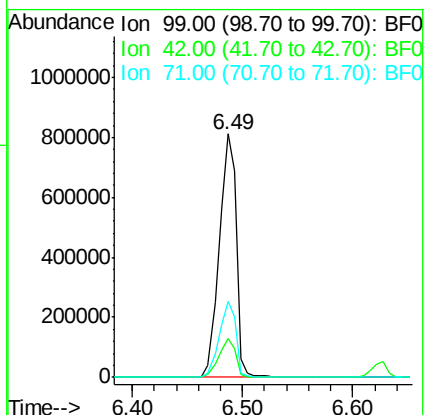
42 16.1 14.5 21.7

71 31.3 25.4 38.0

Instrument :

BNA_F

ClientSampleId :



#19

n-Nitroso-di-n-propylamine

Concen: 16.228 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.13 min

Lab File: BF099341.D

Acq: 11 Oct 2017 12:54

Tgt Ion: 70 Resp: 86384

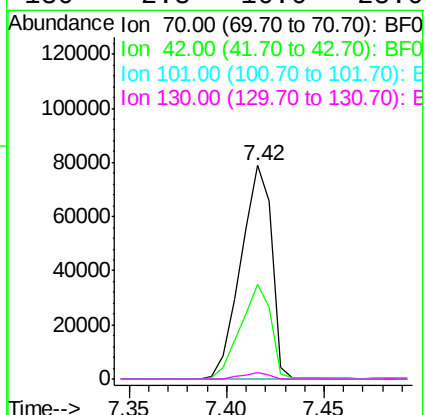
Ion Ratio Lower Upper

70 100

42 44.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.8 16.6 25.0#

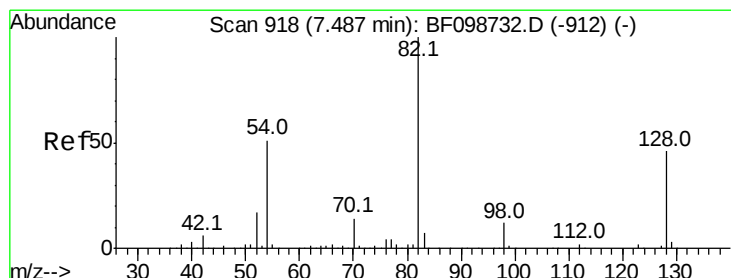
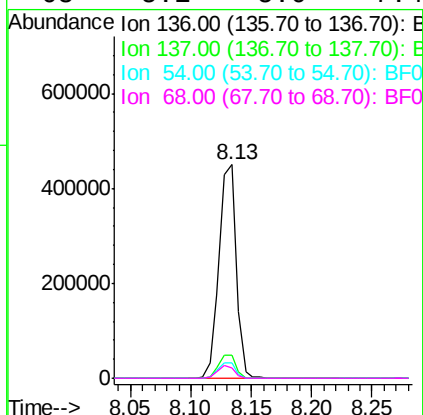
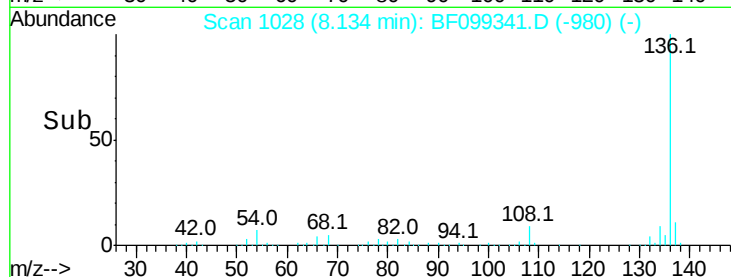
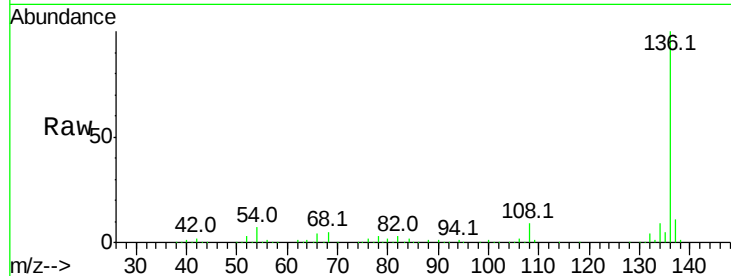




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF099341.D
Acq: 11 Oct 2017 12:54

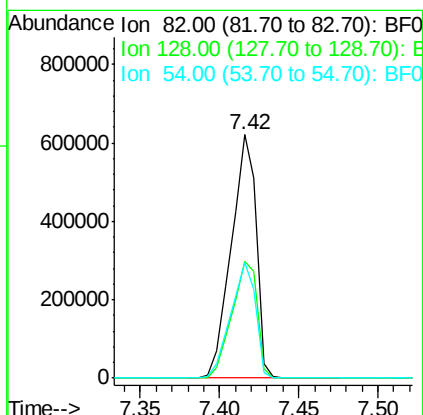
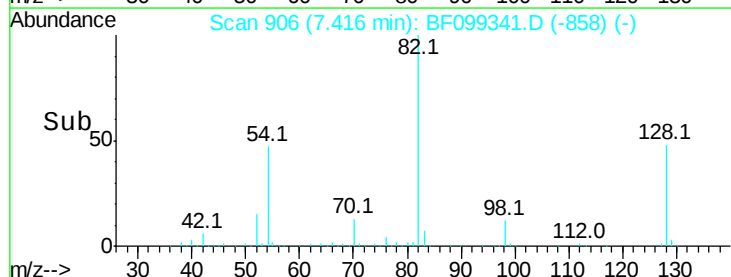
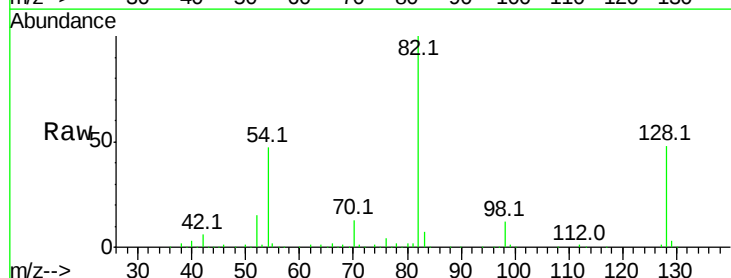
Instrument :
BNA_F
ClientSampleId :

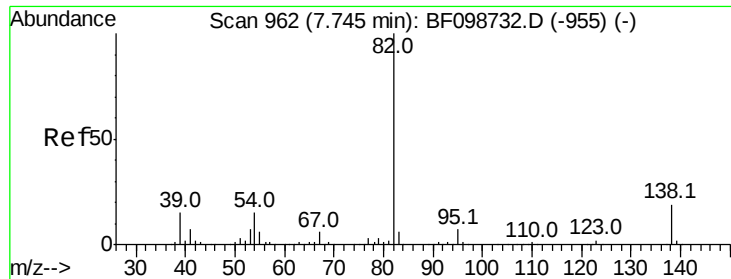
Tot Ion:	136	Resp:	442956
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.0	6.6	9.8
68	5.1	5.0	7.4



#23
Nitrobenzene-d5
Concen: 98.090 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.02 min
Lab File: BF099341.D
Acq: 11 Oct 2017 12:54

Tgt Ion:	82	Resp:	677524
Ion	Ratio	Lower	Upper
82	100		
128	48.1	36.1	54.1
54	47.3	41.4	62.2





#25

Isophorone

Concen: 47.443 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.28 min

Lab File: BF099341.D

Acq: 11 Oct 2017 12:54

Instrument :

BNA_F

ClientSampleId :

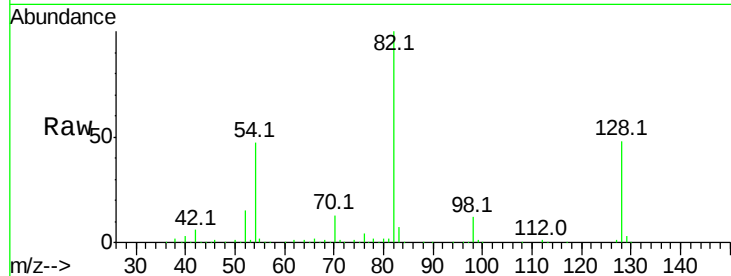
Tot Ion: 82 Resp: 677508

Ion Ratio Lower Upper

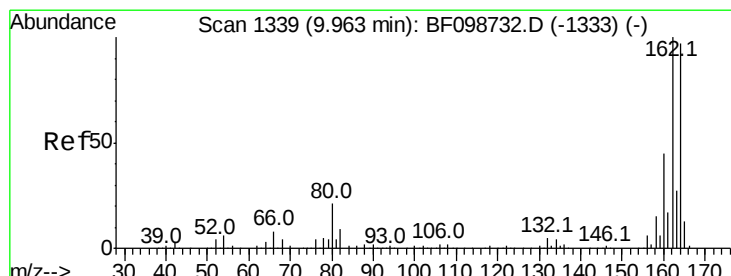
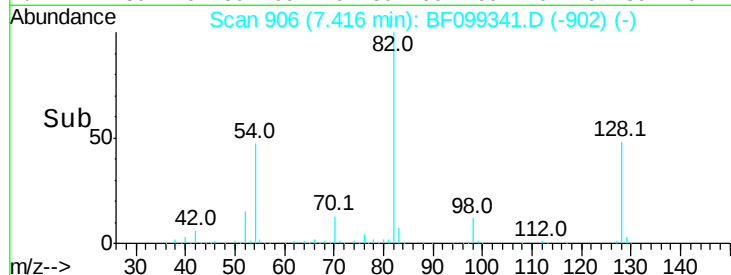
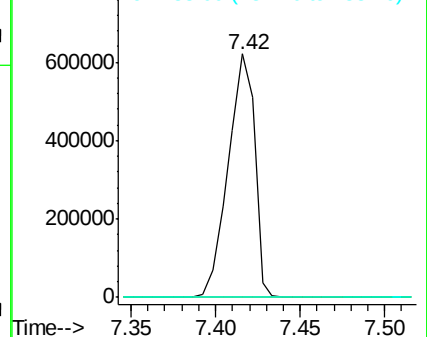
82 100

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: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF099341.D

Acq: 11 Oct 2017 12:54

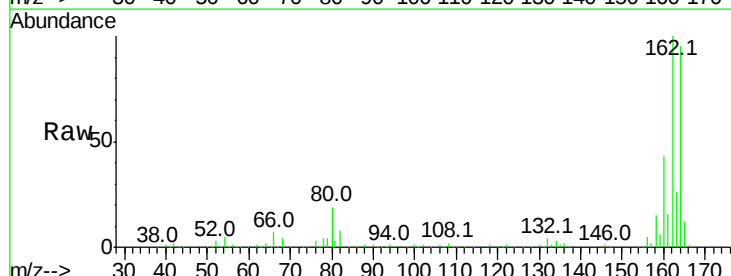
Tgt Ion:164 Resp: 203798

Ion Ratio Lower Upper

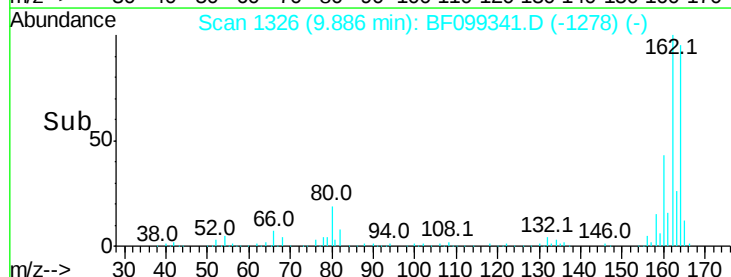
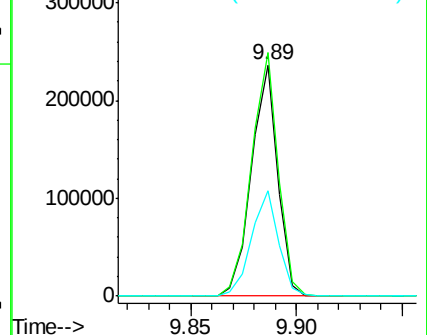
164 100

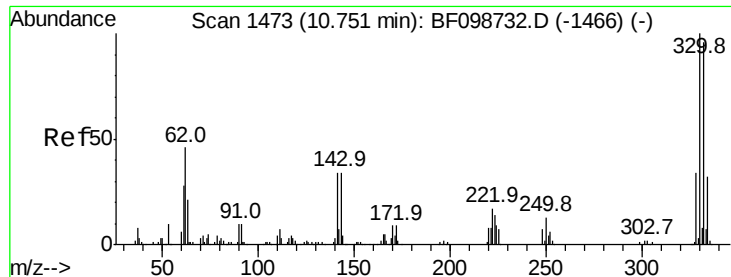
162 105.2 86.1 129.1

160 45.5 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

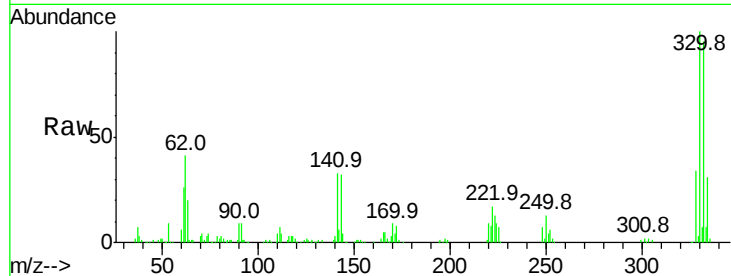




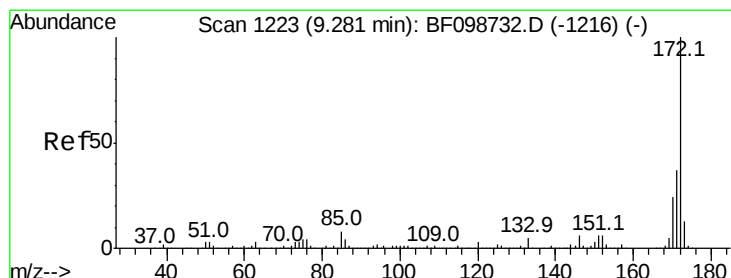
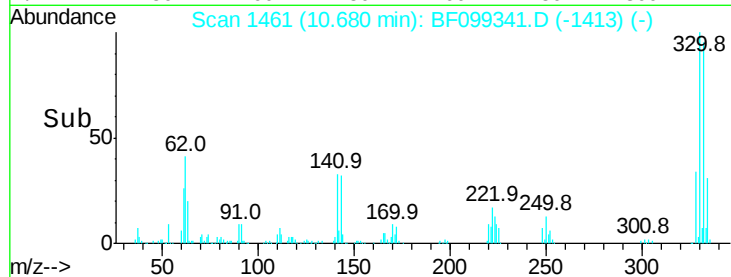
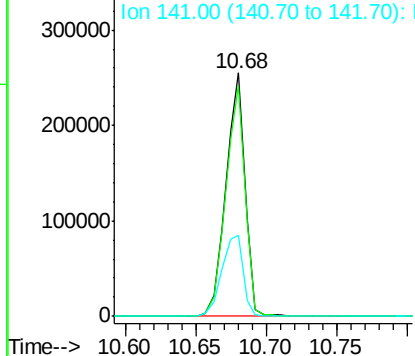
#41
 2,4,6-Tribromophenol
 Concen: 143.570 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.02 min
 Lab File: BF099341.D
 Acq: 11 Oct 2017 12:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 239421
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 37.3 29.9 44.9

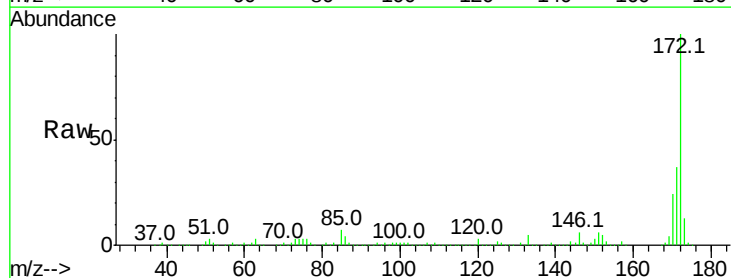


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

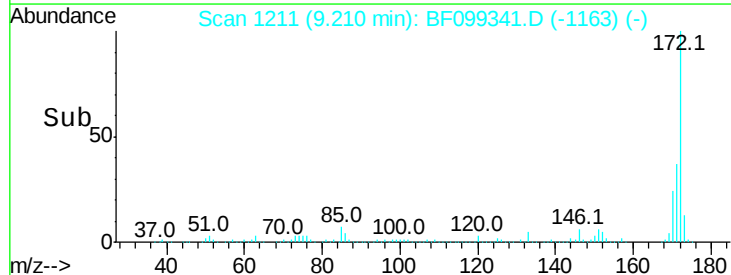
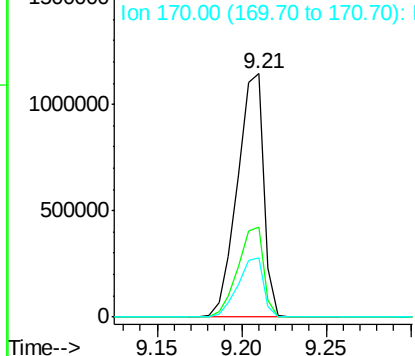


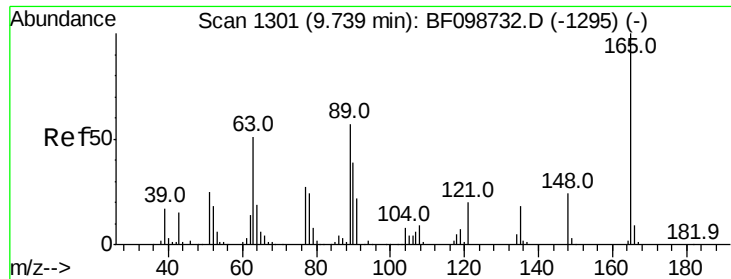
#44
 2-Fluorobiphenyl
 Concen: 101.707 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.02 min
 Lab File: BF099341.D
 Acq: 11 Oct 2017 12:54

Tgt Ion:172 Resp: 1241612
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.7 44.5
 170 24.3 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

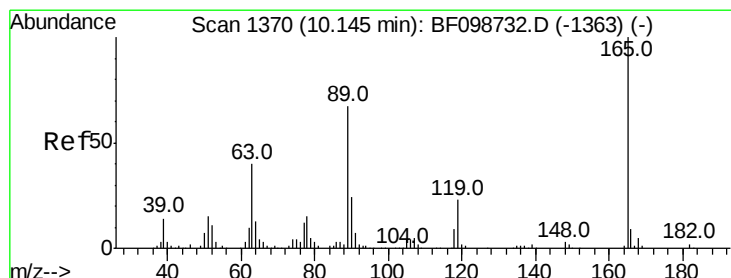
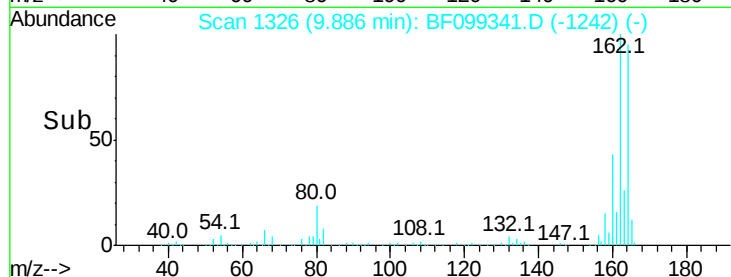
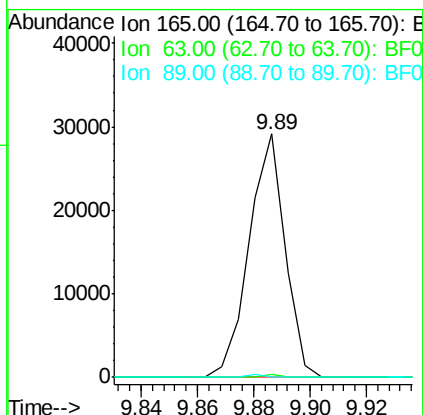
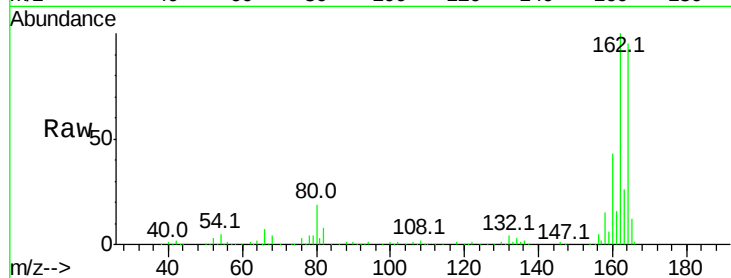




#50
 2,6-Dinitrotoluene
 Concen: 7.673 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.19 min
 Lab File: BF099341.D
 Acq: 11 Oct 2017 12:54

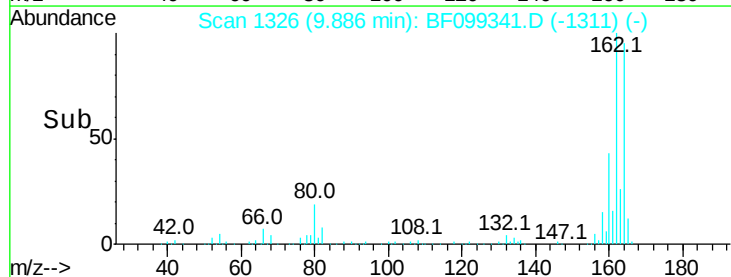
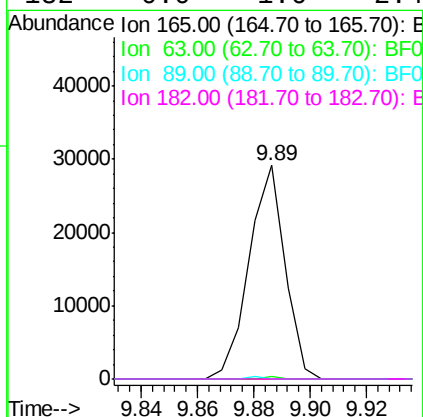
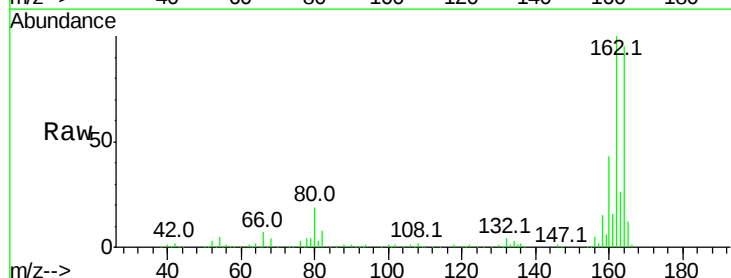
Instrument :
 BNA_F
 ClientSampleId :

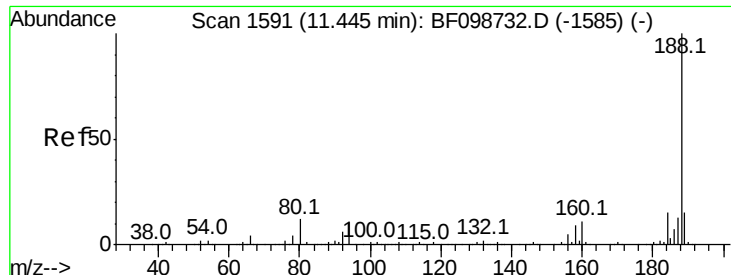
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.912 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.21 min
 Lab File: BF099341.D
 Acq: 11 Oct 2017 12:54

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

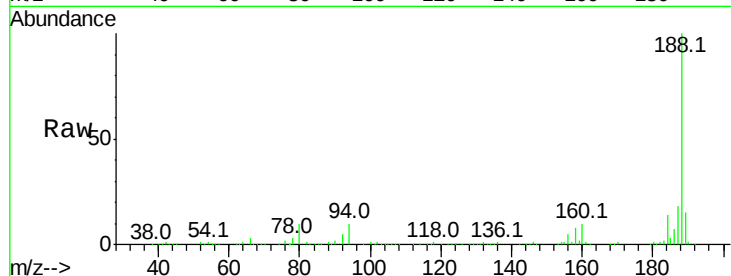




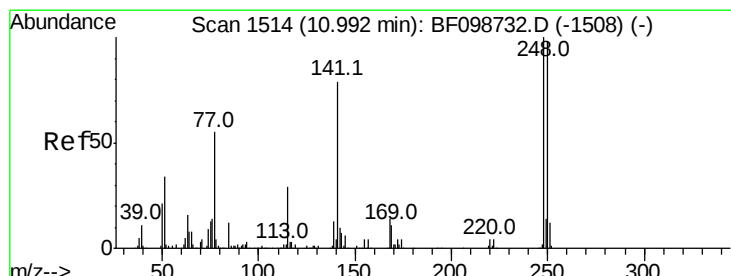
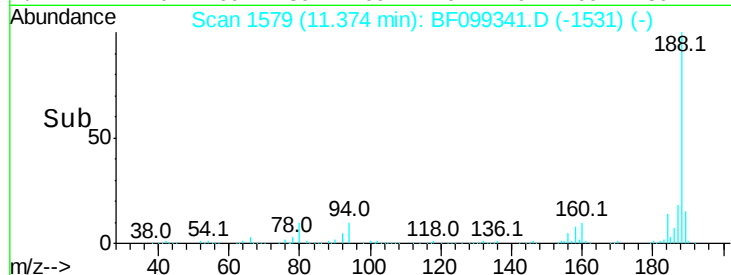
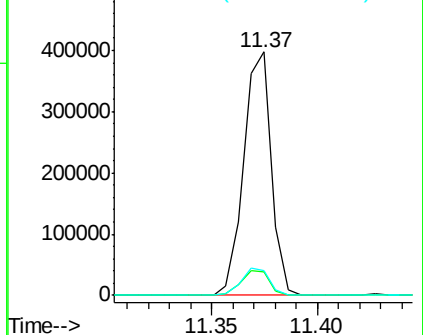
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BF099341.D
Acq: 11 Oct 2017 12:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 359306
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 9.9 9.2 13.8

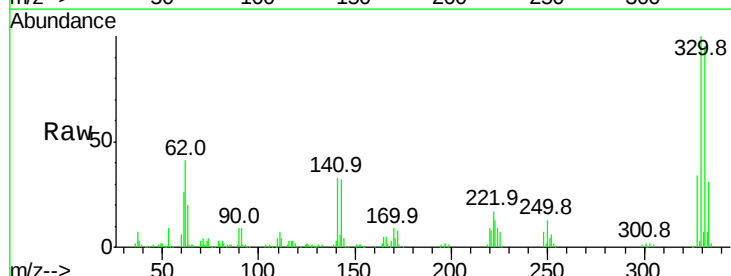


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

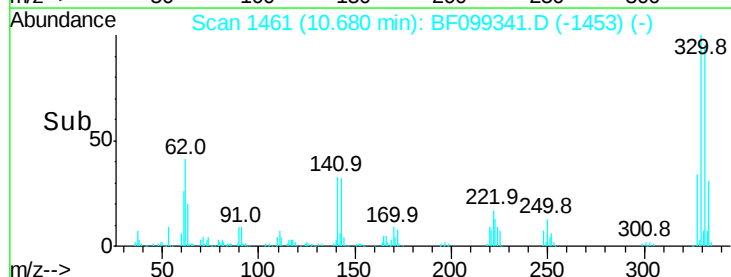
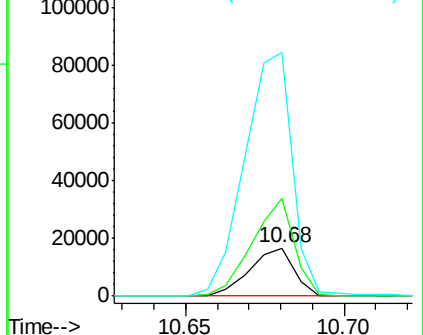


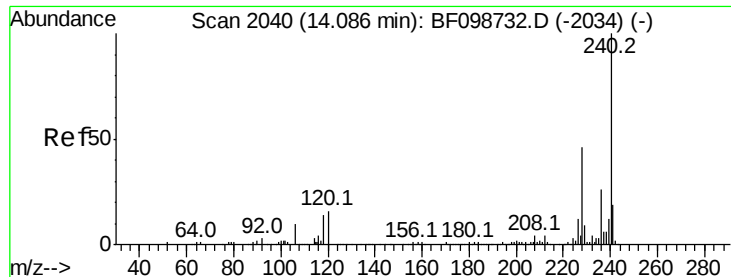
#66
4-Bromophenyl-phenylether
Concen: 4.523 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.25 min
Lab File: BF099341.D
Acq: 11 Oct 2017 12:54

Tgt Ion:248 Resp: 15908
Ion Ratio Lower Upper
248 100
250 204.1 76.9 115.3#
141 508.6 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: 14.01 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF099341.D

Acq: 11 Oct 2017 12:54

Instrument :

BNA_F

ClientSampleId :

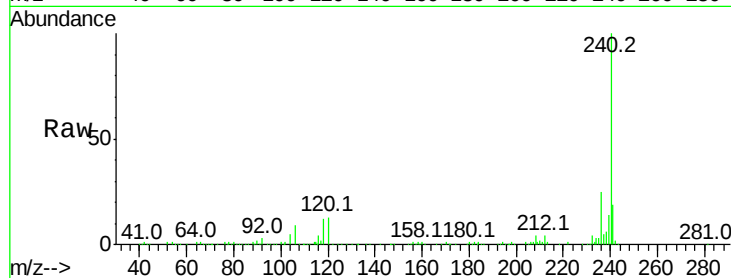
Tot Ion:240 Resp: 204357

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

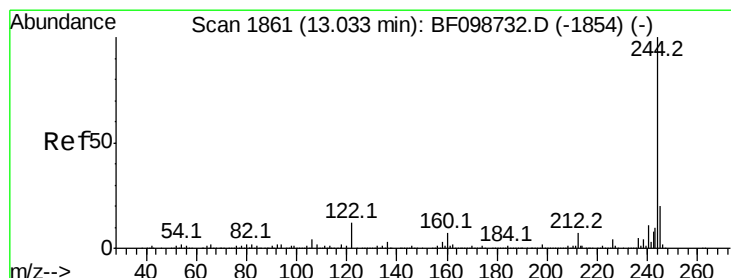
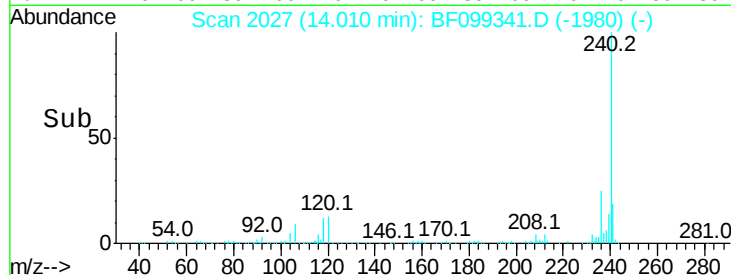
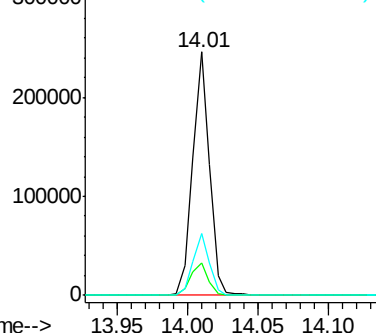
236 25.3 20.7 31.1



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: 113.952 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.02 min

Lab File: BF099341.D

Acq: 11 Oct 2017 12:54

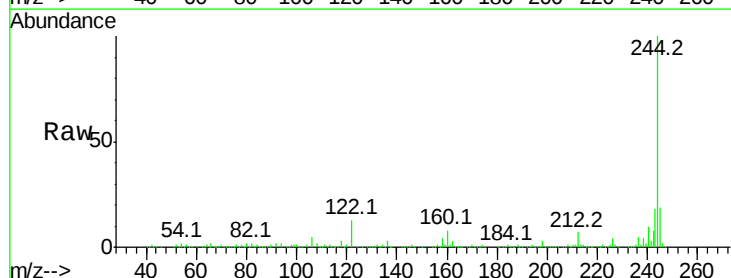
Tgt Ion:244 Resp: 1023955

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

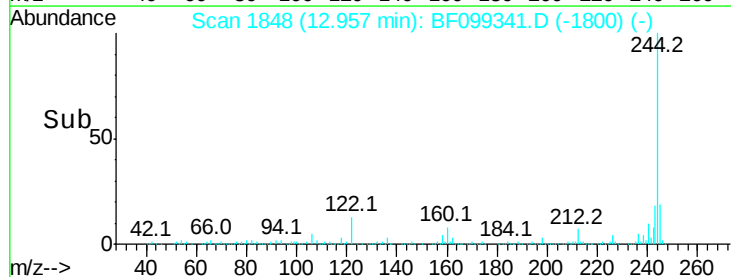
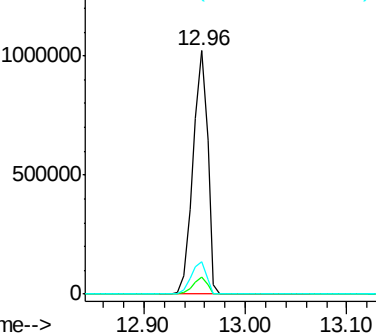
122 13.4 11.0 16.4

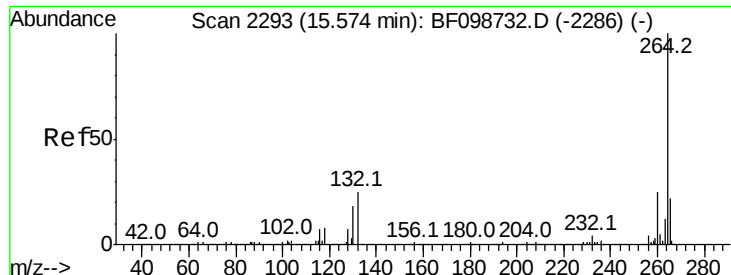


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

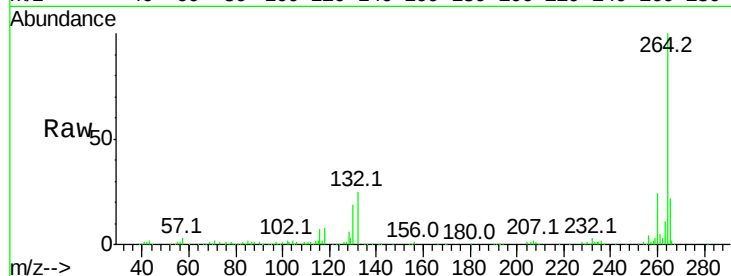




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.03 min
Lab File: BF099341.D
Acq: 11 Oct 2017 12:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.7	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

