

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099536.D
 Acq On : 16 Oct 2017 11:26
 Operator : SJ/JU
 Sample : PB103261BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 16 23:22:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

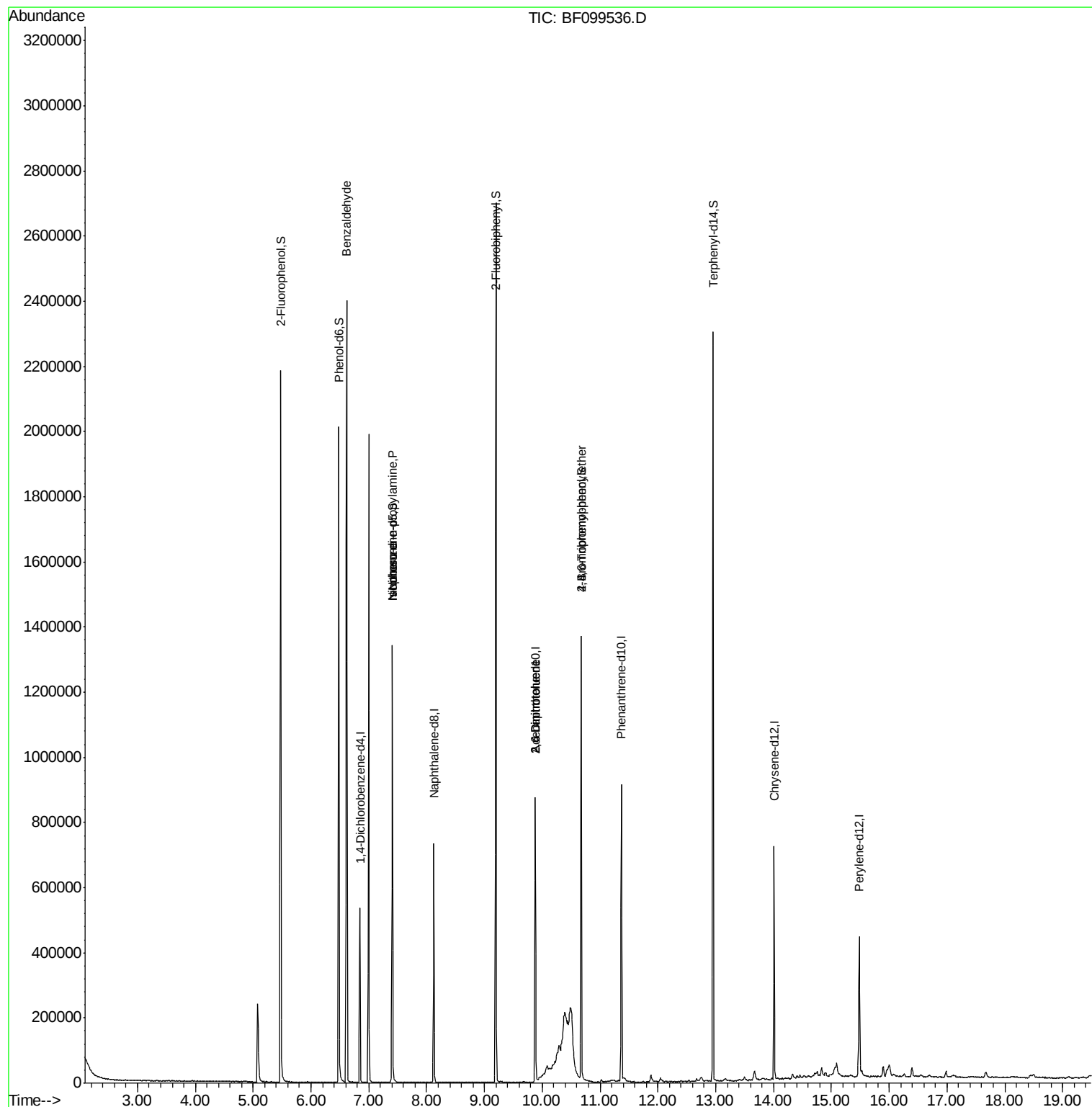
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	87720	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	365636	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	167281	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	299018	20.00	ng	0.00
75) Chrysene-d12	14.01	240	243085	20.00	ng	0.00
86) Perylene-d12	15.49	264	197106	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	665221	120.72	ng	0.00
7) Phenol-d6	6.48	99	790133	116.24	ng	0.00
23) Nitrobenzene-d5	7.41	82	470459	82.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	167233	122.17	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	913347	91.15	ng	-0.01
78) Terphenyl-d14	12.96	244	799638	74.81	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	12899	3.27	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.41	70	59480	13.70	ng	# 73
25) Isophorone	7.41	82	470452	39.91	ng	# 64
50) 2,6-Dinitrotoluene	9.88	165	21703	7.90	ng	# 26
56) 2,4-Dinitrotoluene	9.88	165	21703	6.08	ng	# 24
66) 4-Bromophenyl-phenylether	10.67	248	11150	3.81	ng	# 1

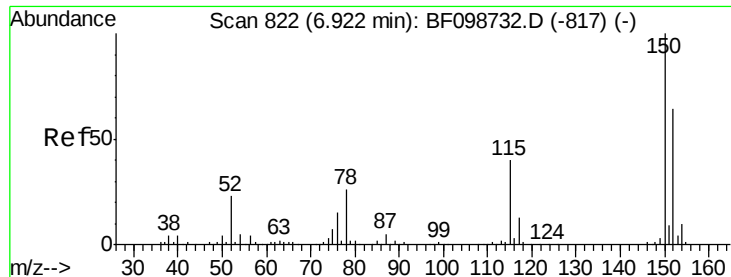
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
Data File : BF099536.D
Acq On : 16 Oct 2017 11:26
Operator : SJ/JU
Sample : PB103261BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 16 23:22:05 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF099536.D

Acq: 16 Oct 2017 11:26

Instrument :

BNA_F

ClientSampleId :

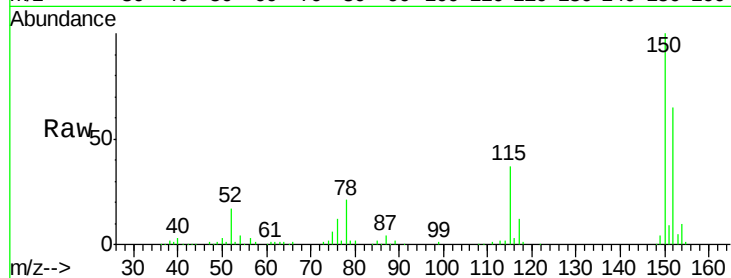
Tot Ion:152 Resp: 87720

Ion Ratio Lower Upper

152 100

150 154.8 124.6 186.8

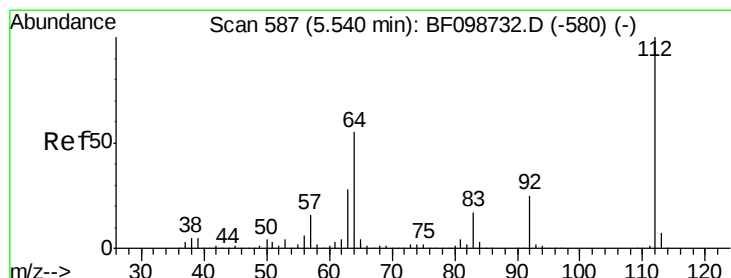
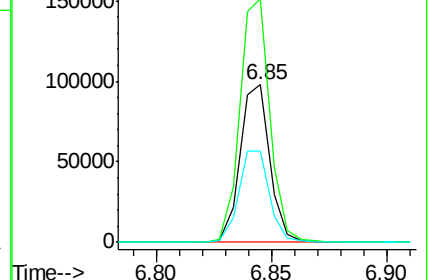
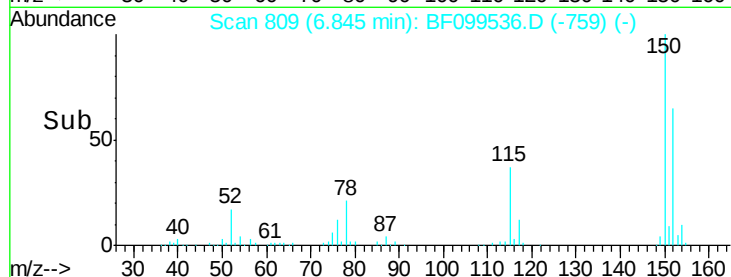
115 57.9 50.1 75.1



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: 120.72 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF099536.D

Acq: 16 Oct 2017 11:26

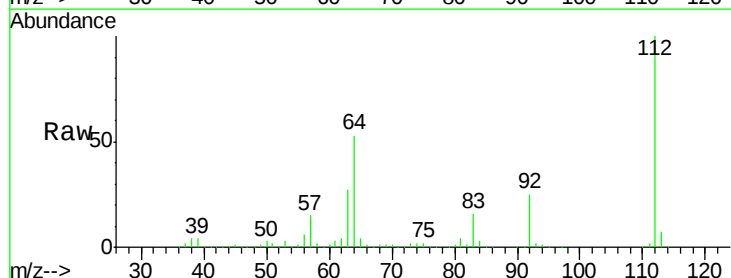
Tgt Ion:112 Resp: 665221

Ion Ratio Lower Upper

112 100

64 53.3 47.9 71.9

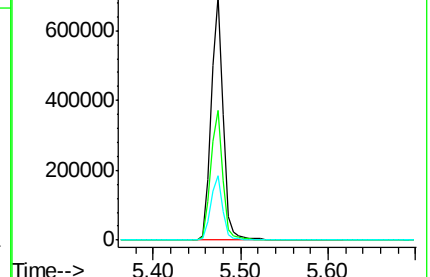
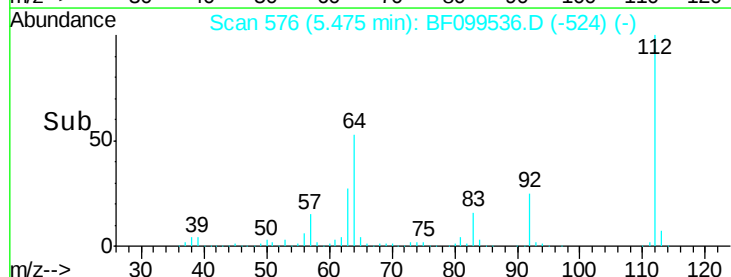
63 26.5 23.7 35.5

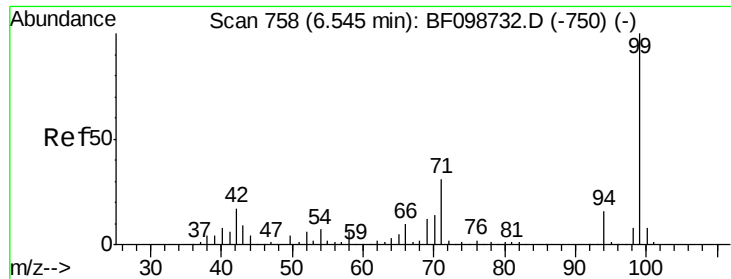


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.24 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099536.D

Acq: 16 Oct 2017 11:26

Instrument :

BNA_F

ClientSampled :

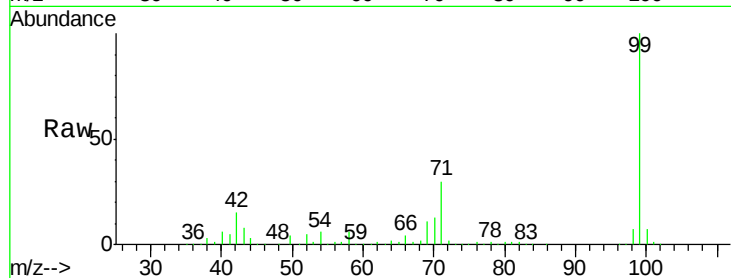
Tot Ion: 99 Resp: 790133

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

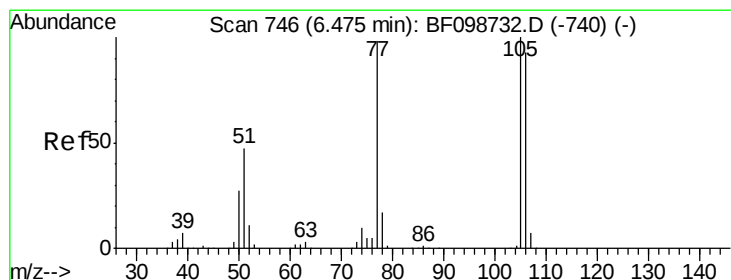
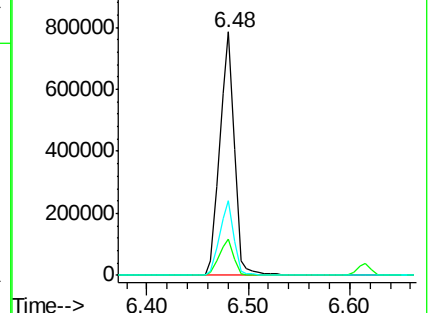
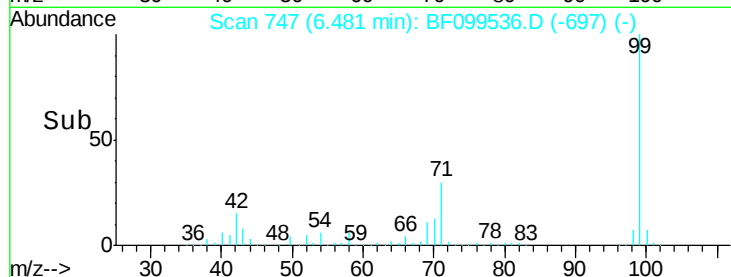
71 30.5 25.4 38.0



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: 3.27 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.21 min

Lab File: BF099536.D

Acq: 16 Oct 2017 11:26

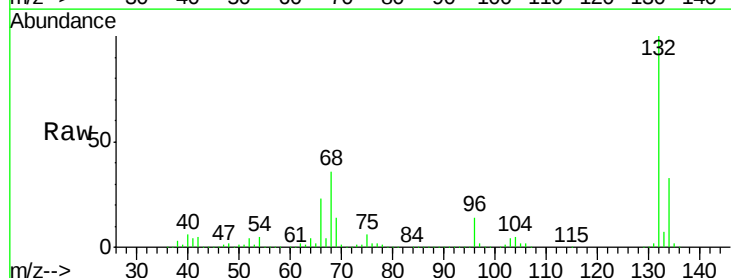
Tgt Ion: 77 Resp: 12899

Ion Ratio Lower Upper

77 100

105 86.0 81.1 121.1

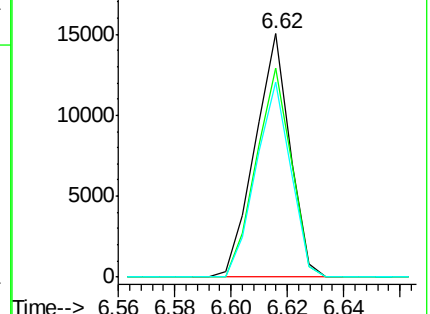
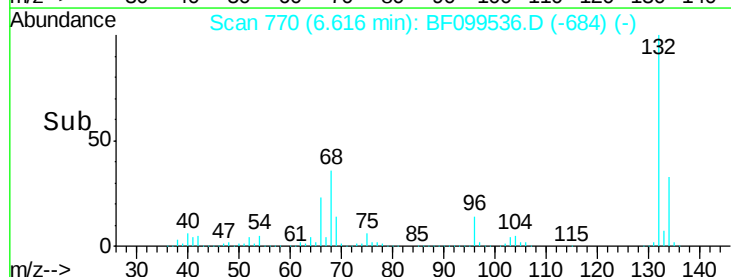
106 80.3 74.5 114.5

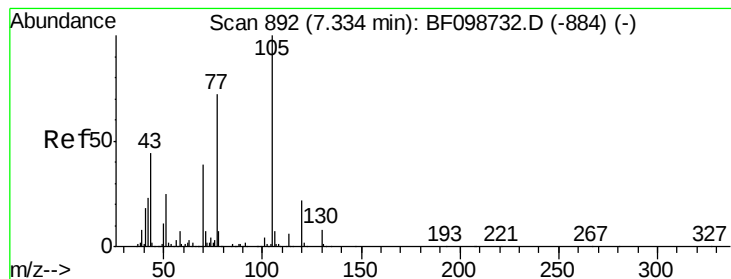


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 13.70 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF099536.D

Acq: 16 Oct 2017 11:26

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 59480

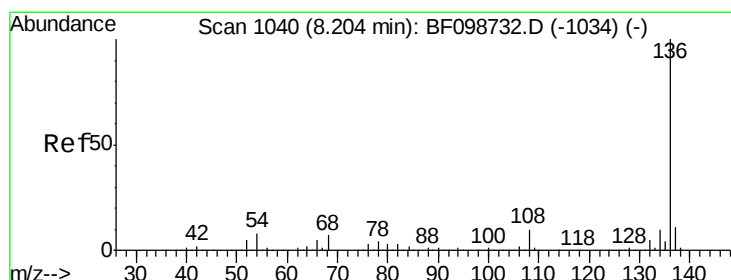
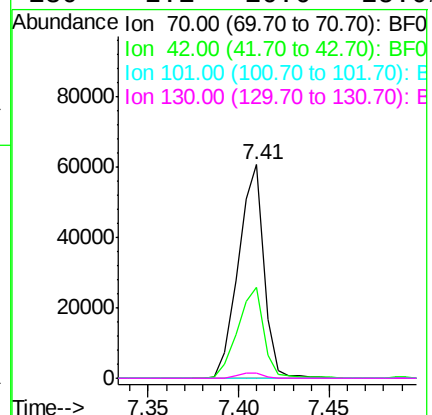
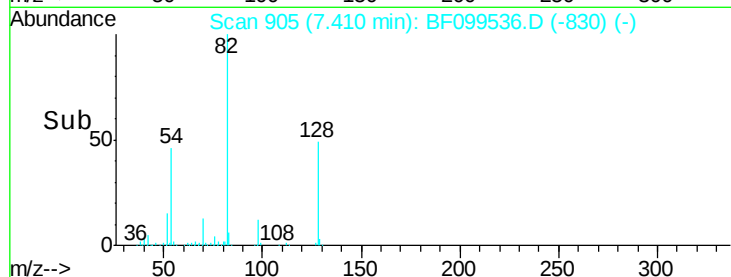
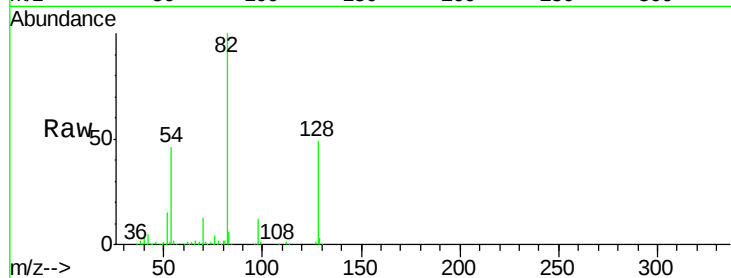
Ion Ratio Lower Upper

70 100

42 42.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF099536.D

Acq: 16 Oct 2017 11:26

Tgt Ion: 136 Resp: 365636

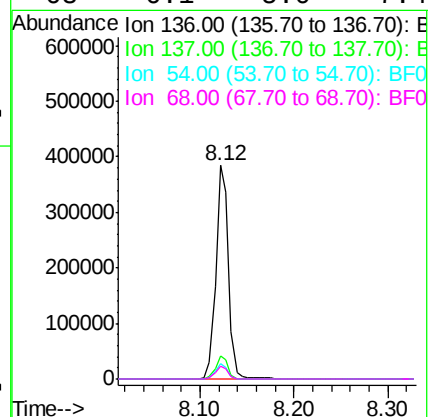
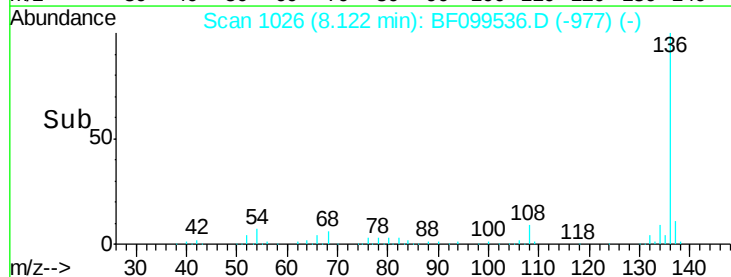
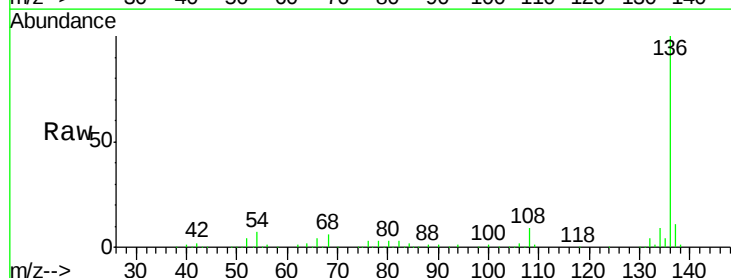
Ion Ratio Lower Upper

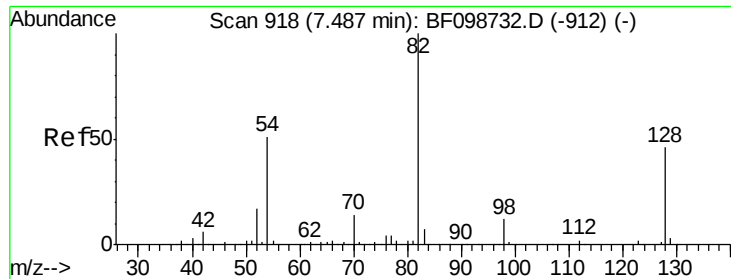
136 100

137 10.8 8.9 13.3

54 7.4 6.6 9.8

68 6.1 5.0 7.4

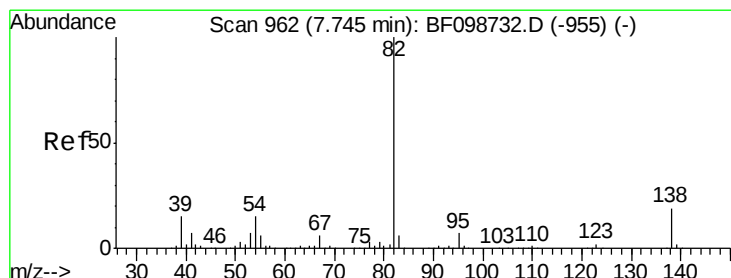
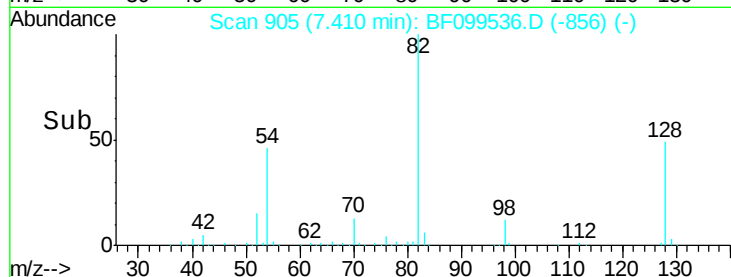
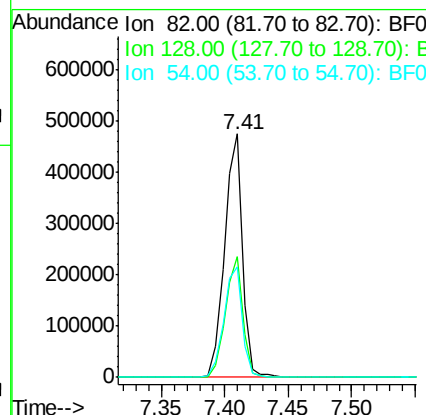
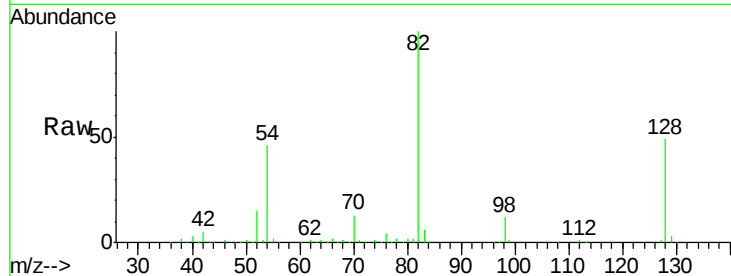




#23
 Nitrobenzene-d5
 Concen: 82.52 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF099536.D
 Acq: 16 Oct 2017 11:26

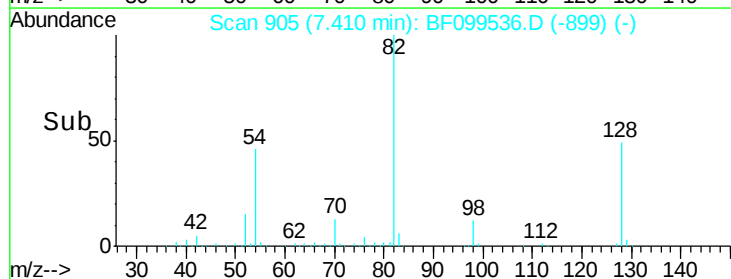
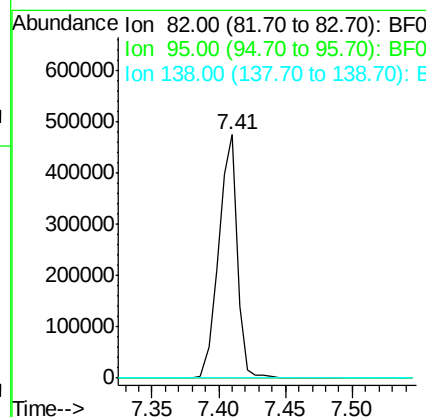
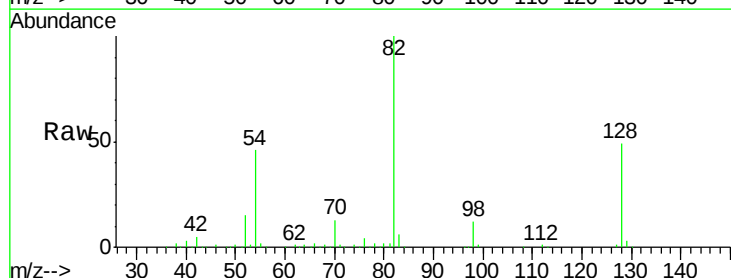
Instrument :
 BNA_F
 ClientSampleId :

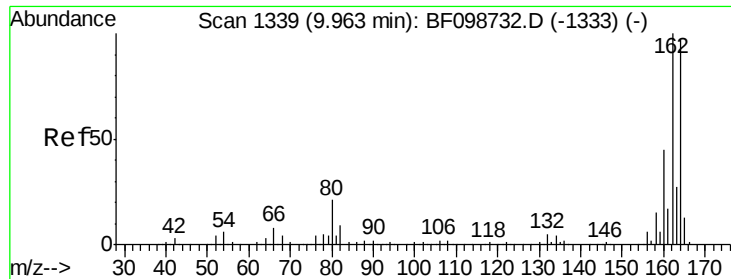
Tot Ion	82	Resp	470459
Ion Ratio	Lower	Upper	
82	100		
128	49.3	36.1	54.1
54	45.6	41.4	62.2



#25
 Isophorone
 Concen: 39.91 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.26 min
 Lab File: BF099536.D
 Acq: 16 Oct 2017 11:26

Tgt Ion	82	Resp	470452
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

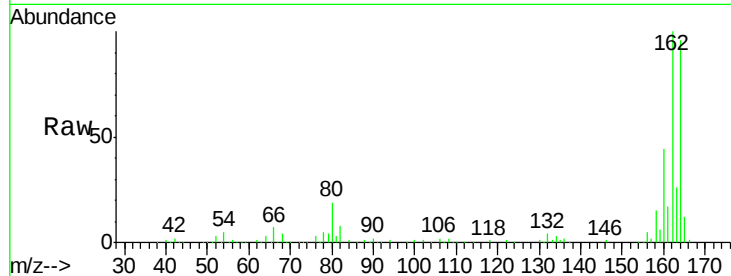




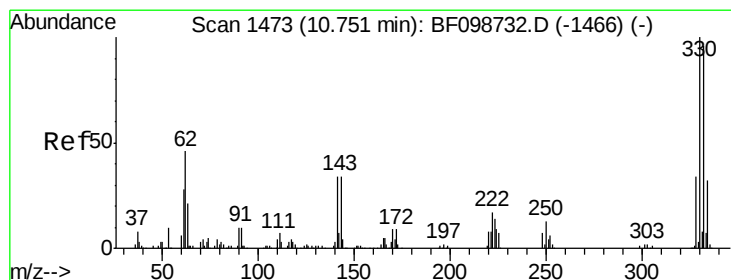
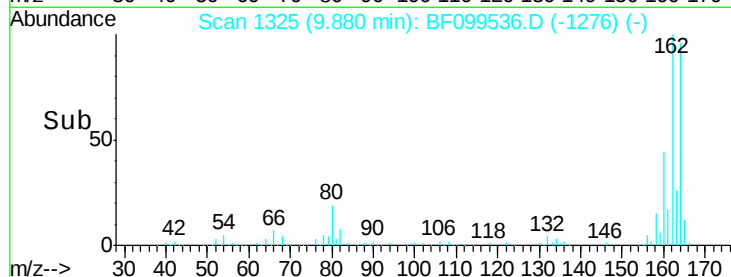
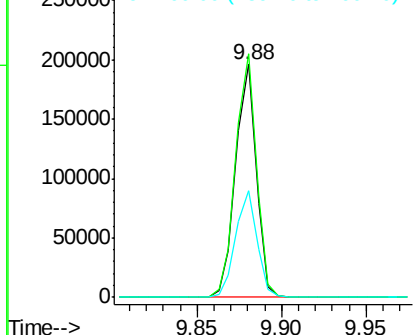
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099536.D
Acq: 16 Oct 2017 11:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 167281
Ion Ratio Lower Upper
164 100
162 104.5 86.1 129.1
160 46.0 38.3 57.5

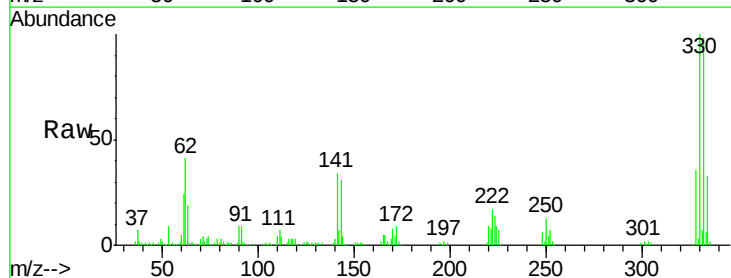


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

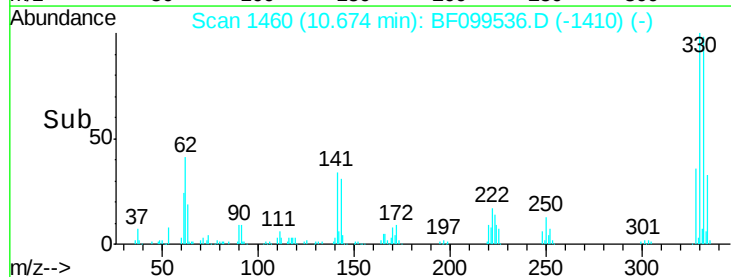
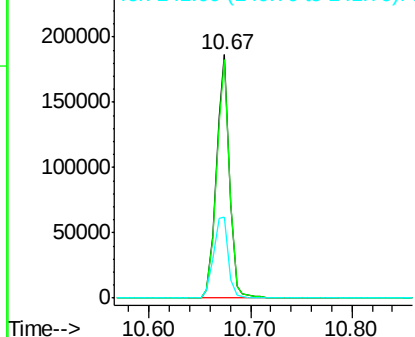


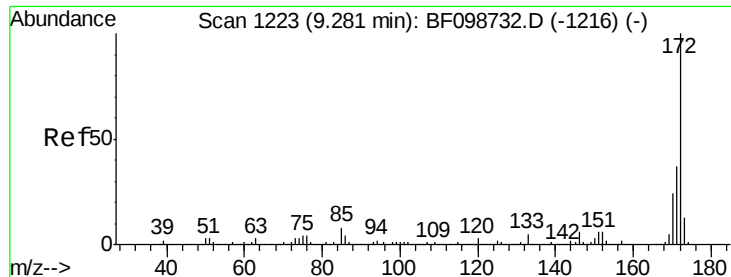
#41
2,4,6-Tribromophenol
Concen: 122.17 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF099536.D
Acq: 16 Oct 2017 11:26

Tgt Ion:330 Resp: 167233
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.6
141 38.0 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

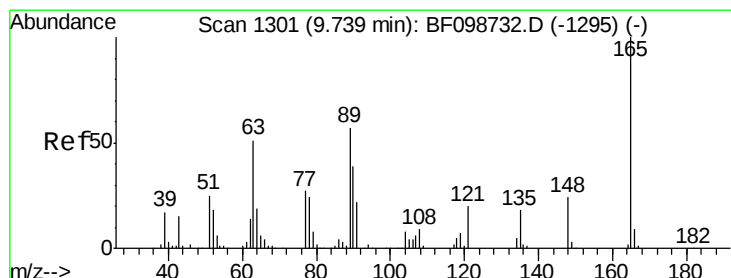
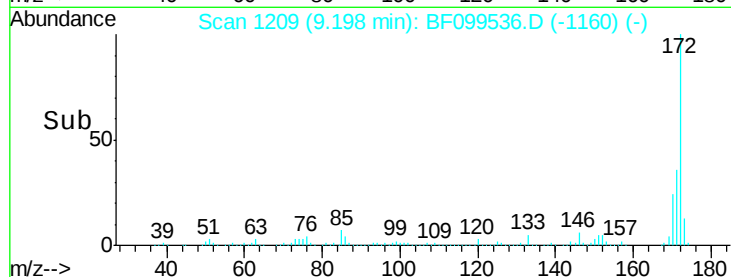
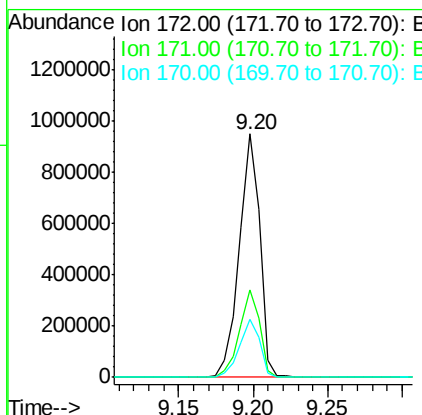
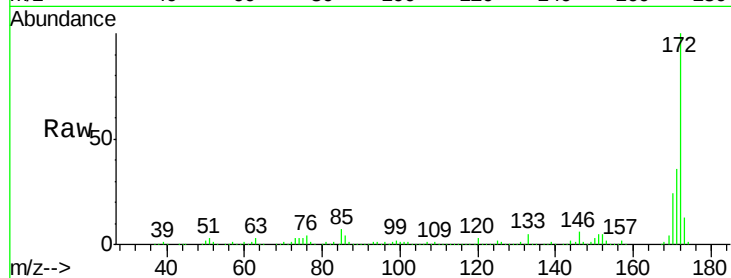




#44
 2-Fluorobiphenyl
 Concen: 91.15 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF099536.D
 Acq: 16 Oct 2017 11:26

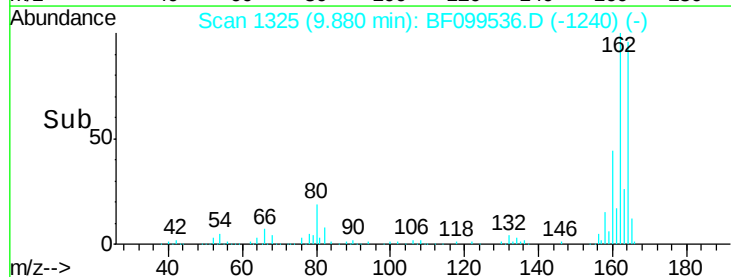
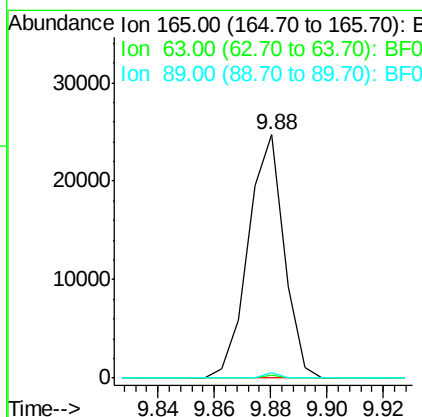
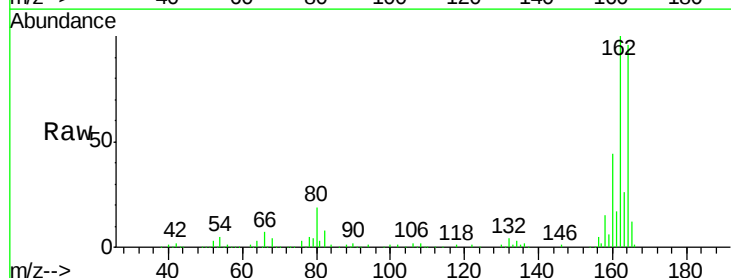
Instrument :
 BNA_F
 ClientSampleId :

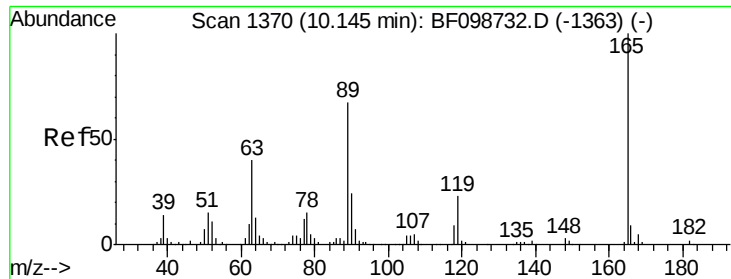
Tot Ion:172 Resp: 913347
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.0 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.90 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.20 min
 Lab File: BF099536.D
 Acq: 16 Oct 2017 11:26

Tgt Ion:165 Resp: 21703
 Ion Ratio Lower Upper
 165 100
 63 1.3 44.7 67.1#
 89 2.3 44.0 66.0#

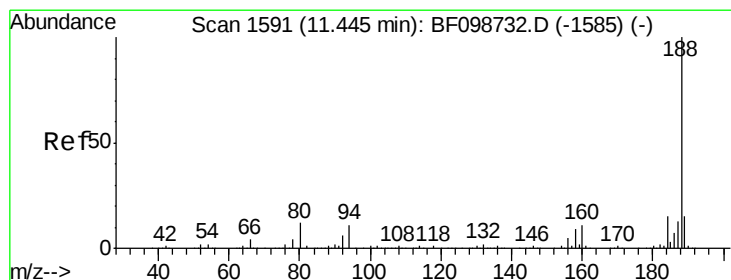
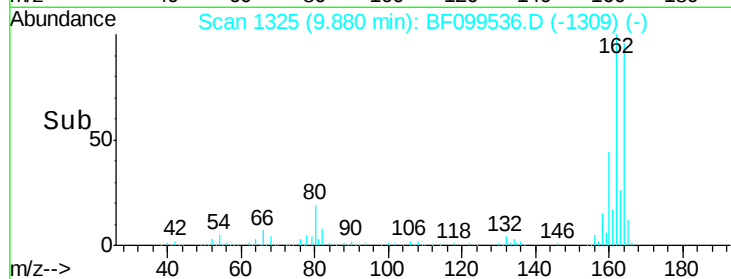
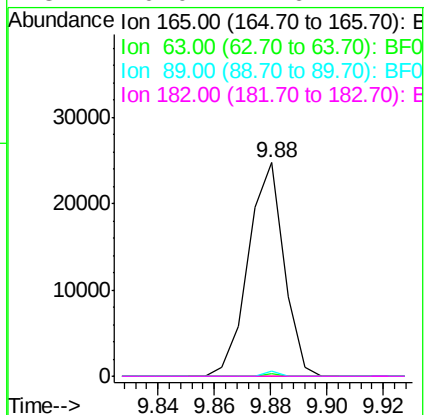
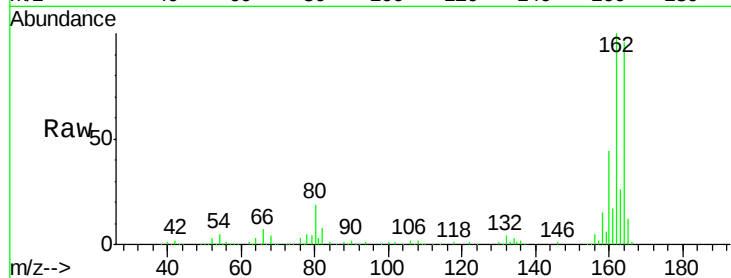




#56
 2,4-Dinitrotoluene
 Concen: 6.08 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.21 min
 Lab File: BF099536.D
 Acq: 16 Oct 2017 11:26

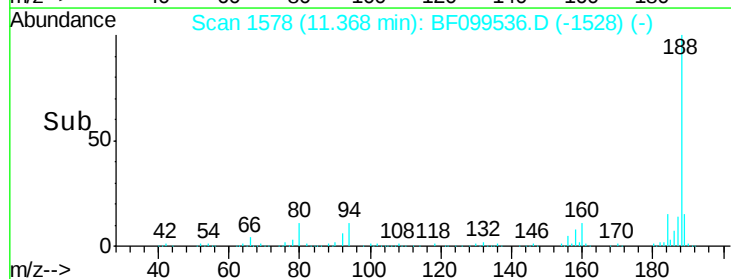
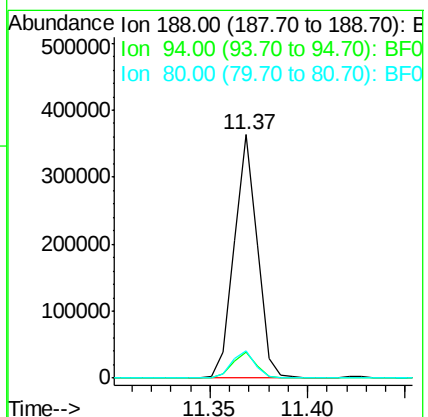
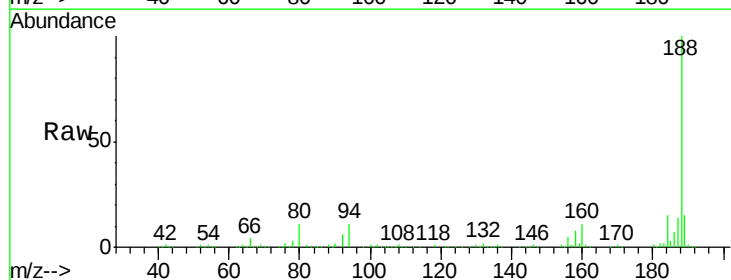
Instrument :
 BNA_F
 ClientSampleId :

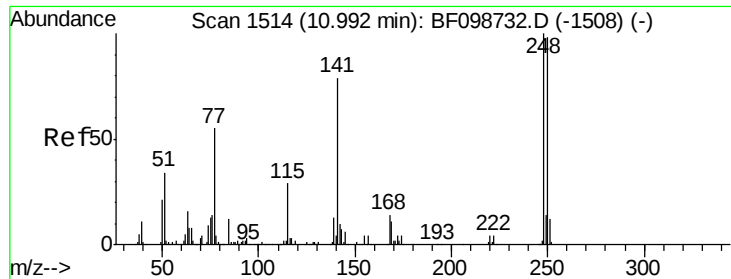
Tot Ion:165	Resp:	21703
Ion Ratio	Lower	Upper
165	100	
63	1.3	36.4 54.6#
89	2.3	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF099536.D
 Acq: 16 Oct 2017 11:26

Tgt Ion:188	Resp:	299018
Ion Ratio	Lower	Upper
188	100	
94	10.5	8.5 12.7
80	11.0	9.2 13.8

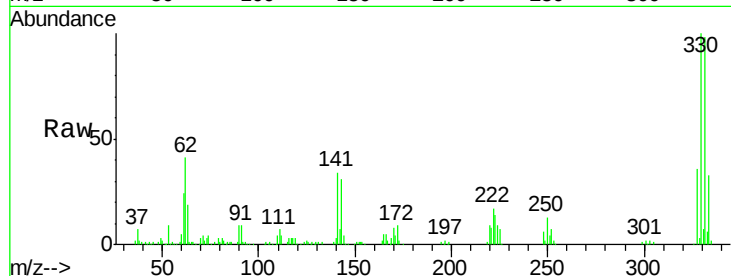




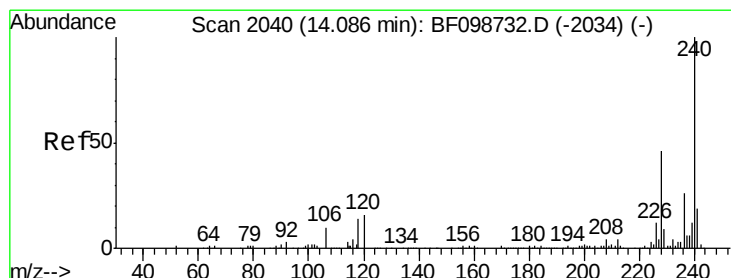
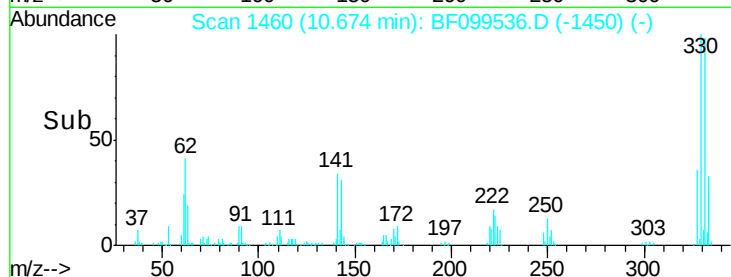
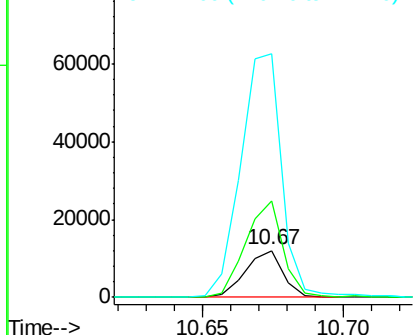
#66
4-Bromophenyl-phenylether
Concen: 3.81 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF099536.D
Acq: 16 Oct 2017 11:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 11150
Ion Ratio Lower Upper
248 100
250 204.8 76.9 115.3#
141 516.8 74.4 111.6#

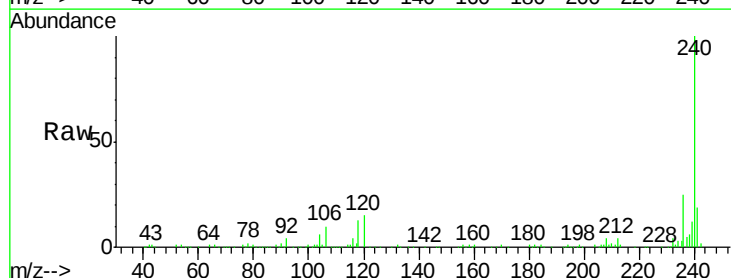


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

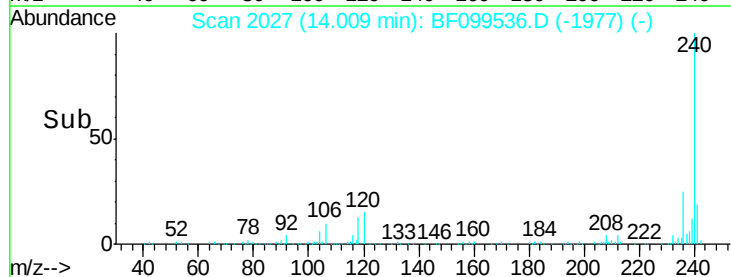
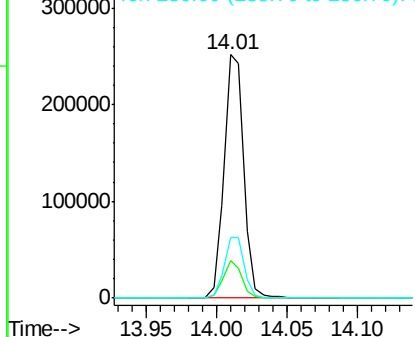


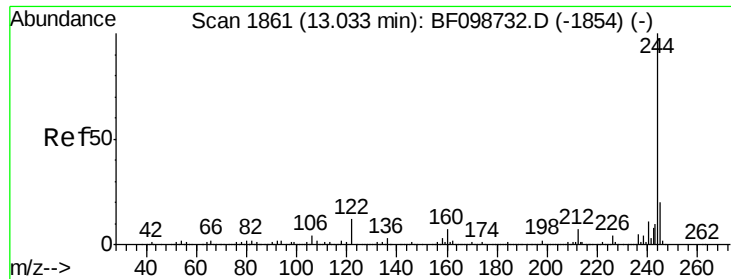
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099536.D
Acq: 16 Oct 2017 11:26

Tgt Ion:240 Resp: 243085
Ion Ratio Lower Upper
240 100
120 15.3 9.5 14.3#
236 24.8 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

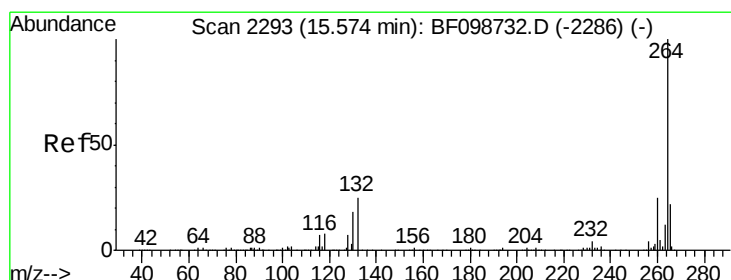
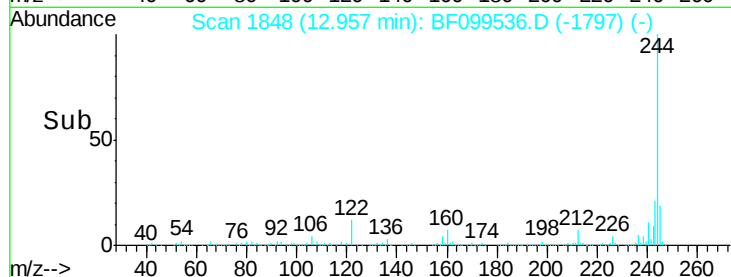
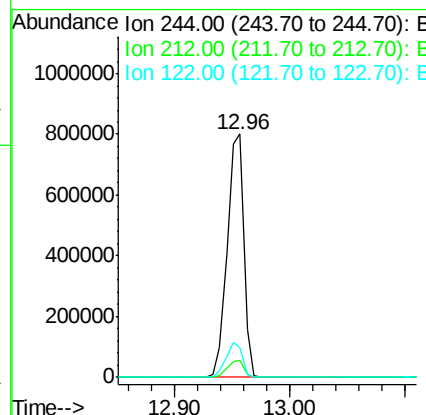
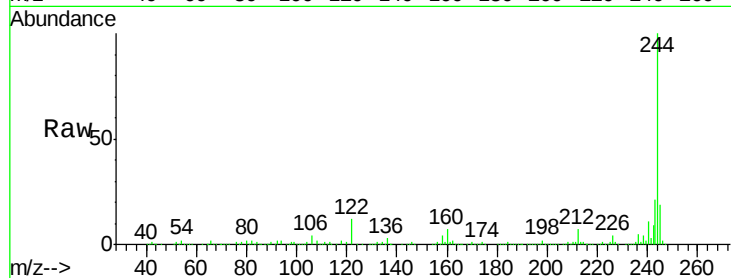




#78
 Terphenyl-d14
 Concen: 74.81 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: BF099536.D
 Acq: 16 Oct 2017 11:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 799638
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 12.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.01 min
 Lab File: BF099536.D
 Acq: 16 Oct 2017 11:26

Tgt Ion:264 Resp: 197106
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 20.9 17.5 26.3

