

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110317\
 Data File : BF100150.D
 Acq On : 3 Nov 2017 22:20
 Operator : SJ/JU
 Sample : I6294-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 03 23:15:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

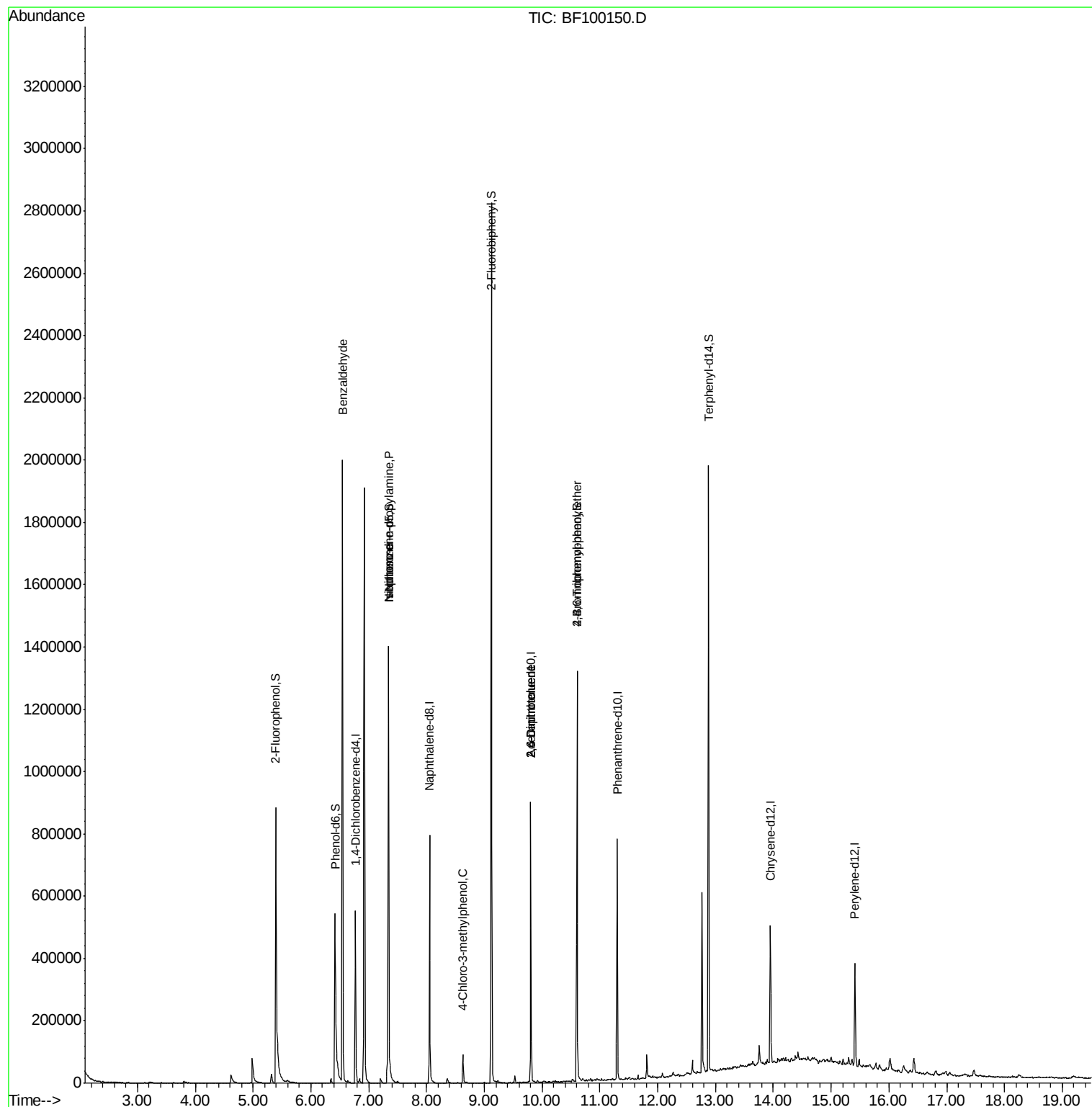
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	94985	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	400133	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	174197	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	273192	20.00	ng	0.00
75) Chrysene-d12	13.95	240	147636	20.00	ng	0.00
86) Perylene-d12	15.41	264	153461	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	413567	68.36	ng	0.00
7) Phenol-d6	6.42	99	320727	44.71	ng	-0.01
23) Nitrobenzene-d5	7.35	82	514019	82.70	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	177374	111.73	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	961209	85.13	ng	0.00
78) Terphenyl-d14	12.88	244	648295	95.96	ng	0.00
Target Compounds						
9) Benzaldehyde	6.55	77	11578	2.701	ng	85
19) n-Nitroso-di-n-propylamine	7.35	70	64720	15.395	ng	# 70
25) Isophorone	7.35	82	514019	45.578	ng	# 64
36) 4-Chloro-3-methylphenol	8.63	107	11555	2.062	ng	# 20
50) 2,6-Dinitrotoluene	9.80	165	21899	7.551	ng	# 25
56) 2,4-Dinitrotoluene	9.80	165	21899	6.270	ng	# 22
66) 4-Bromophenyl-phenylether	10.60	248	11411	3.968	ng	# 1

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

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110317\
Data File : BF100150.D
Acq On : 3 Nov 2017 22:20
Operator : SJ/JU
Sample : I6294-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 03 23:15:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 15:46:10 2017
Response via : Initial Calibration



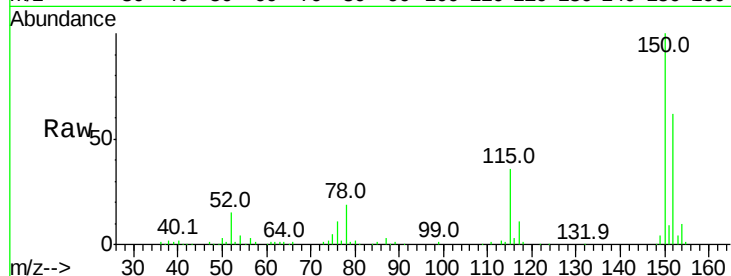


#1

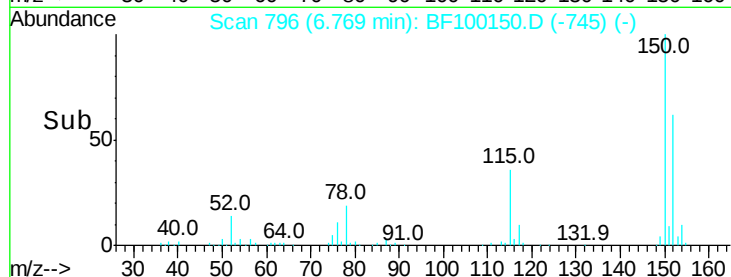
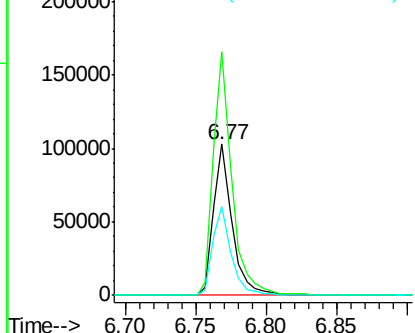
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF100150.D
Acq: 3 Nov 2017 22:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 94985
Ion Ratio Lower Upper
152 100
150 161.0 124.6 186.8
115 58.5 50.1 75.1



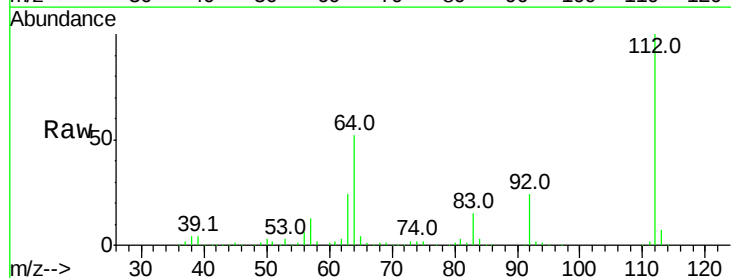
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



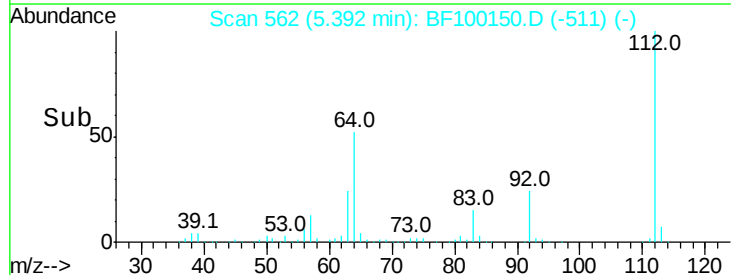
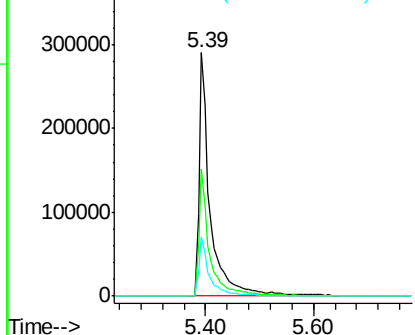
#5

2-Fluorophenol
Concen: 68.357 ng
RT: 5.39 min Scan# 562
Delta R.T. -0.00 min
Lab File: BF100150.D
Acq: 3 Nov 2017 22:20

Tgt Ion:112 Resp: 413567
Ion Ratio Lower Upper
112 100
64 52.4 47.9 71.9
63 24.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 44.708 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100150.D

Acq: 3 Nov 2017 22:20

Instrument :

BNA_F

ClientSampled :

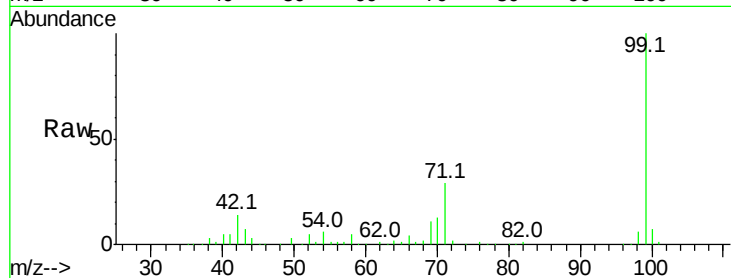
Tot Ion: 99 Resp: 320727

Ion Ratio Lower Upper

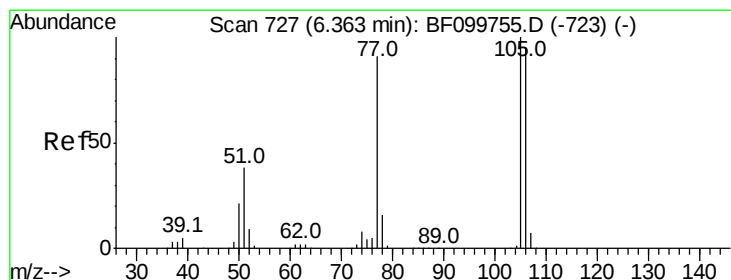
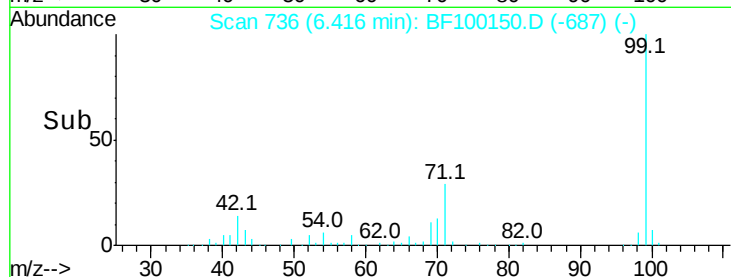
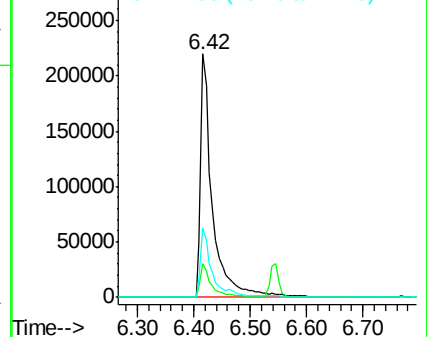
99 100

42 14.0 14.5 21.7#

71 28.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.701 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.21 min

Lab File: BF100150.D

Acq: 3 Nov 2017 22:20

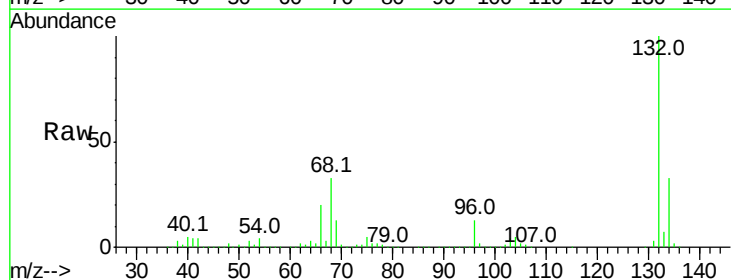
Tgt Ion: 77 Resp: 11578

Ion Ratio Lower Upper

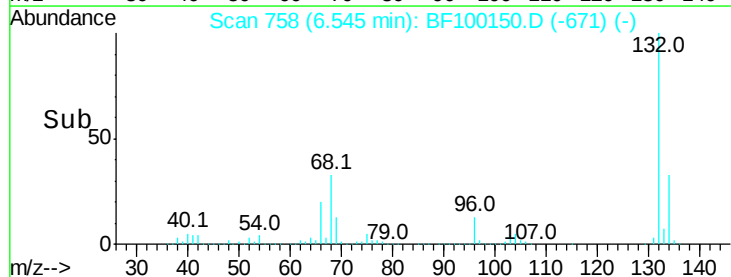
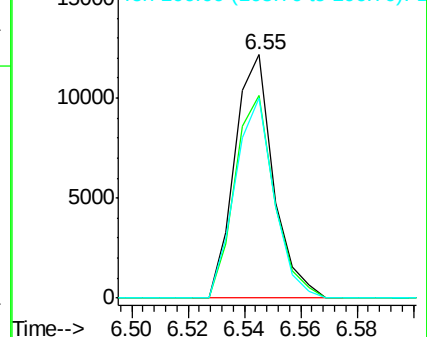
77 100

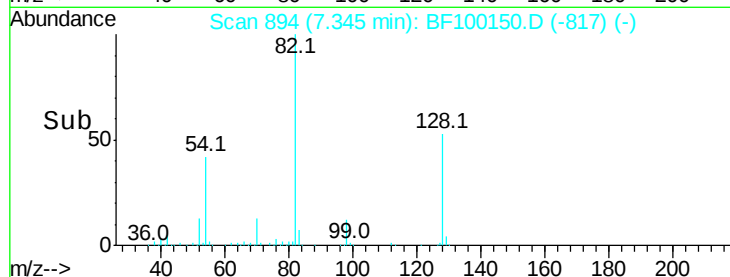
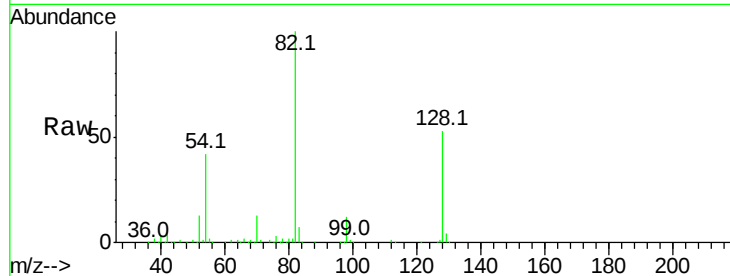
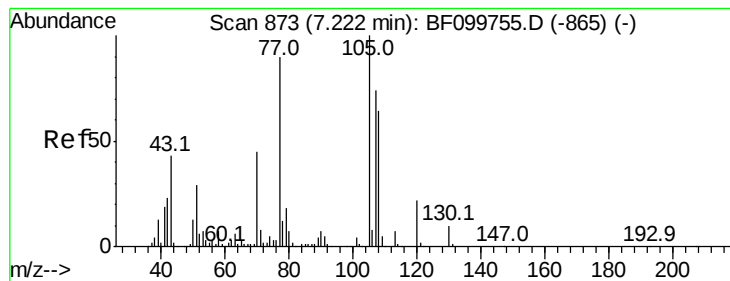
105 83.4 81.1 121.1

106 82.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 15.395 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.15 min

Lab File: BF100150.D

Acq: 3 Nov 2017 22:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 64720

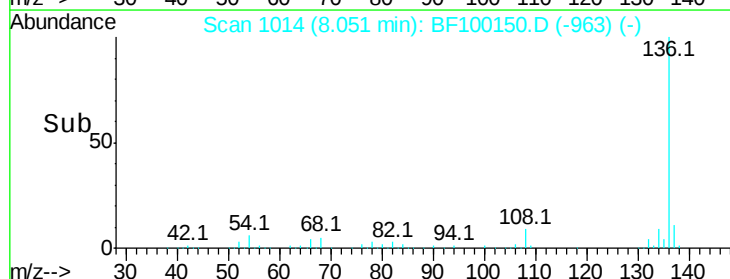
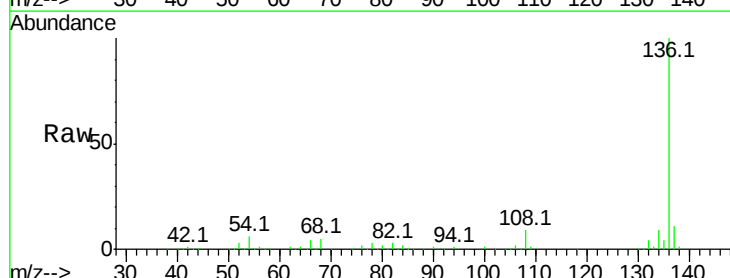
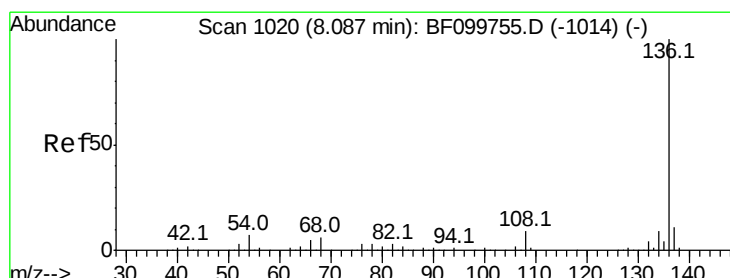
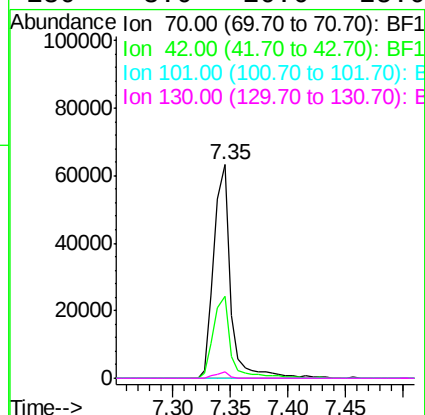
Ion Ratio Lower Upper

70 100

42 38.5 47.5 71.3#

101 0.0 7.4 11.2#

130 3.0 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BF100150.D

Acq: 3 Nov 2017 22:20

Tgt Ion: 136 Resp: 400133

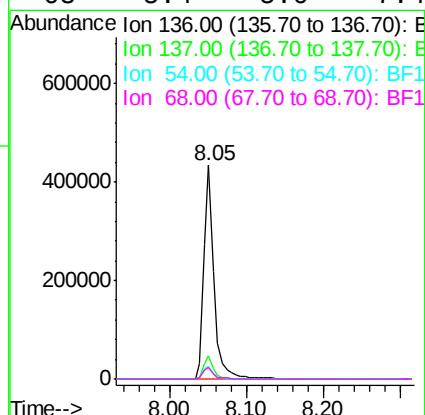
Ion Ratio Lower Upper

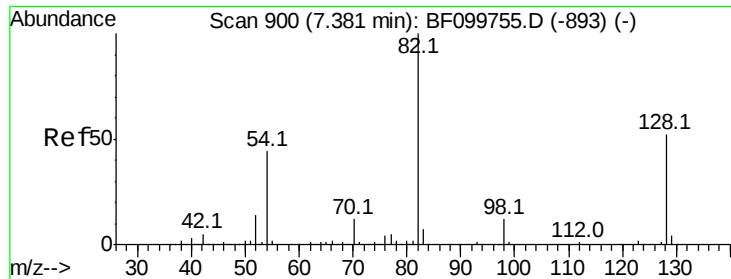
136 100

137 10.9 8.9 13.3

54 5.9 6.6 9.8#

68 5.4 5.0 7.4

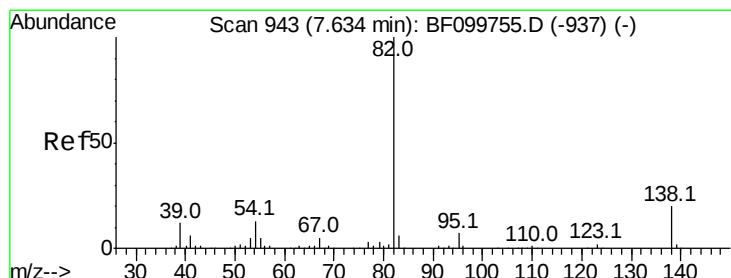
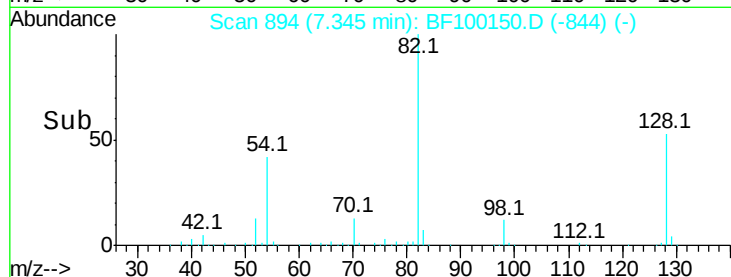
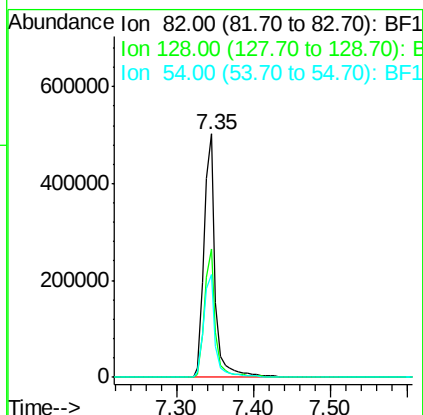
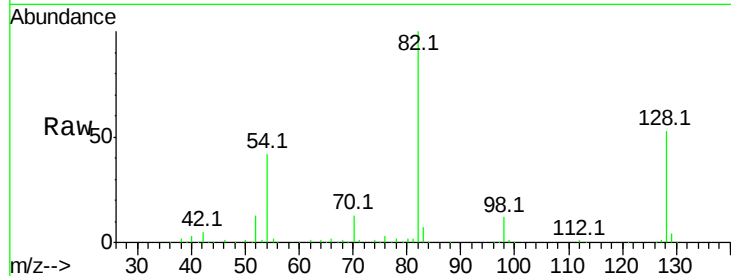




#23
Nitrobenzene-d5
Concen: 82.704 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF100150.D
Acq: 3 Nov 2017 22:20

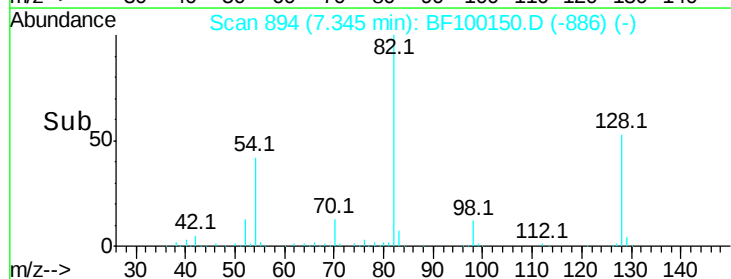
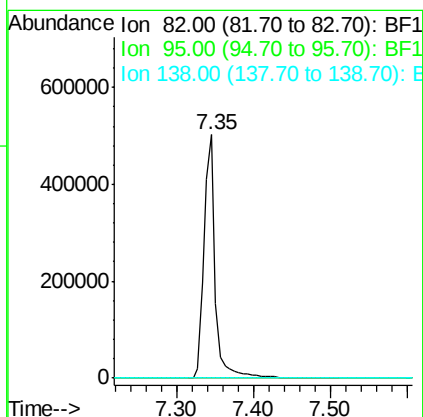
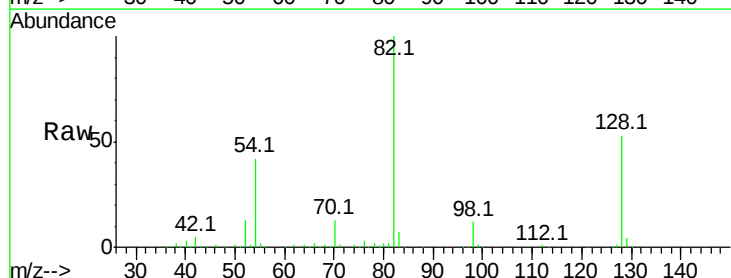
Instrument :
BNA_F
ClientSampleId :

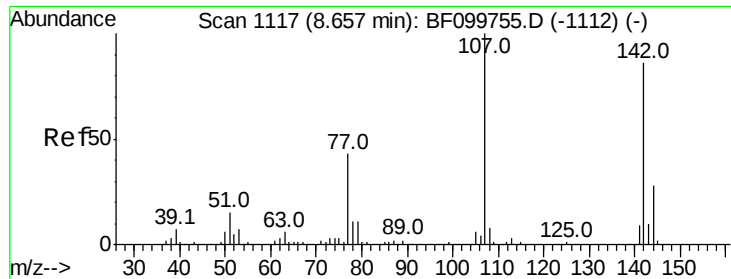
Tot Ion: 82 Resp: 514019
Ion Ratio Lower Upper
82 100
128 52.7 36.1 54.1
54 42.1 41.4 62.2



#25
Isophorone
Concen: 45.578 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.25 min
Lab File: BF100150.D
Acq: 3 Nov 2017 22:20

Tgt Ion: 82 Resp: 514019
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

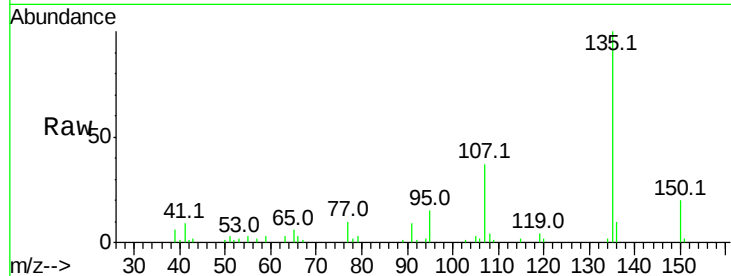




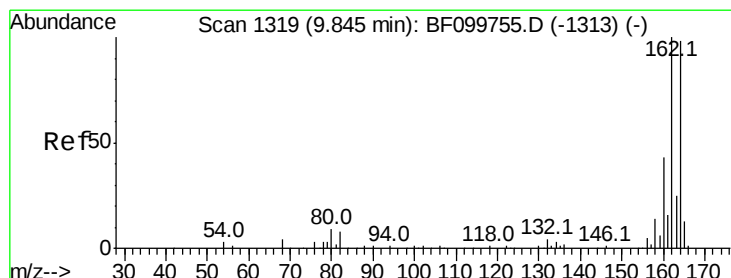
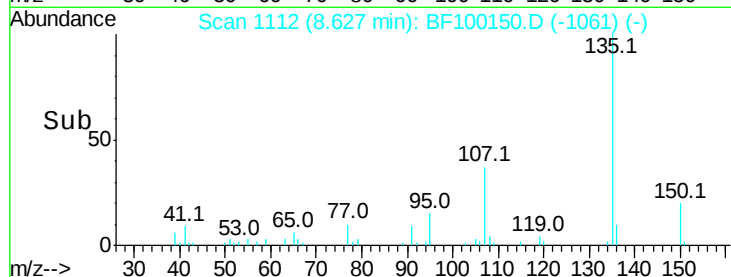
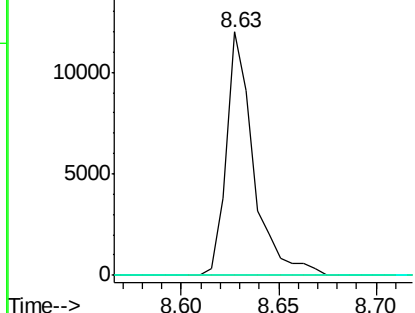
#36
 4-Chloro-3-methylphenol
 Concen: 2.062 ng
 RT: 8.63 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: BF100150.D
 Acq: 3 Nov 2017 22:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:107 Resp: 11555
 Ion Ratio Lower Upper
 107 100
 144 0.0 20.5 30.7#
 142 0.0 62.0 93.0#

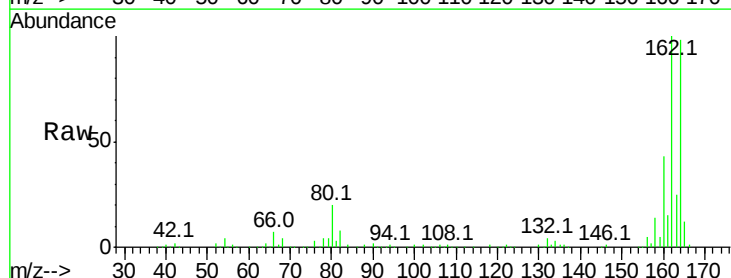


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

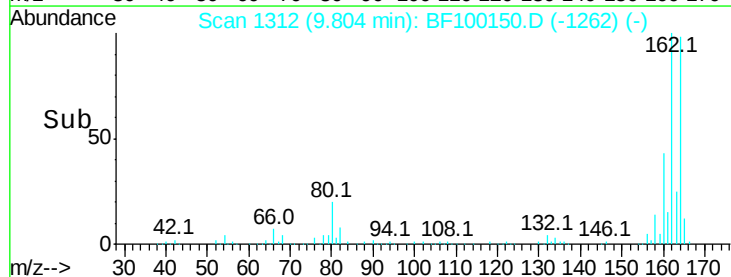
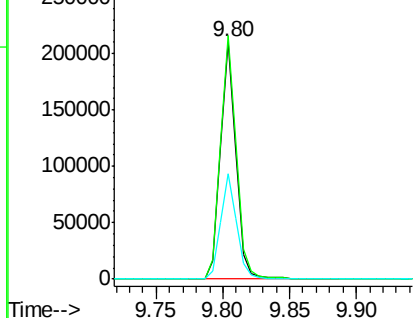


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF100150.D
 Acq: 3 Nov 2017 22:20

Tgt Ion:164 Resp: 174197
 Ion Ratio Lower Upper
 164 100
 162 102.4 86.1 129.1
 160 44.5 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

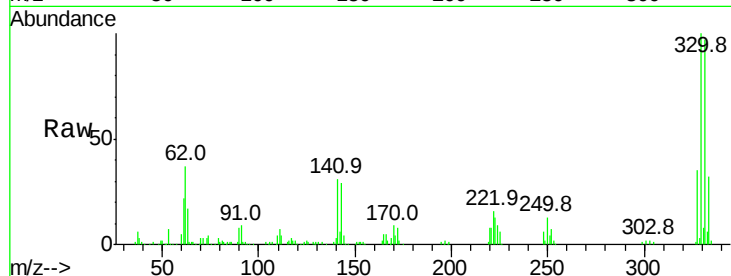




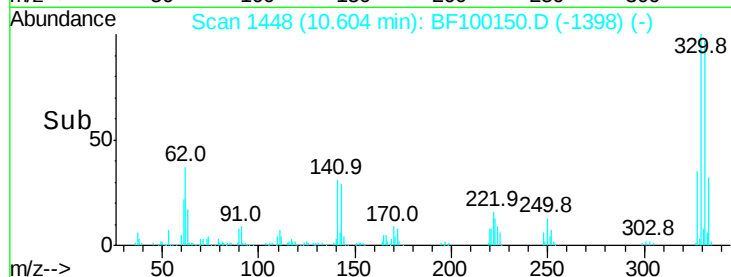
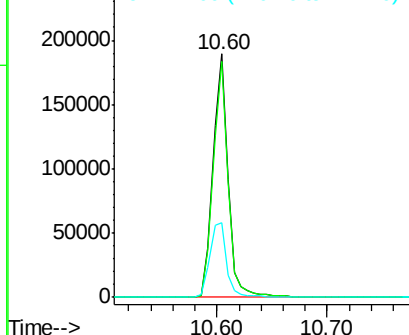
#41
 2,4,6-Tribromophenol
 Concen: 111.733 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF100150.D
 Acq: 3 Nov 2017 22:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 177374
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 34.3 29.9 44.9

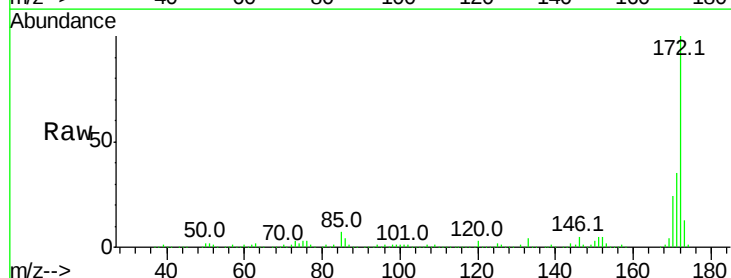


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

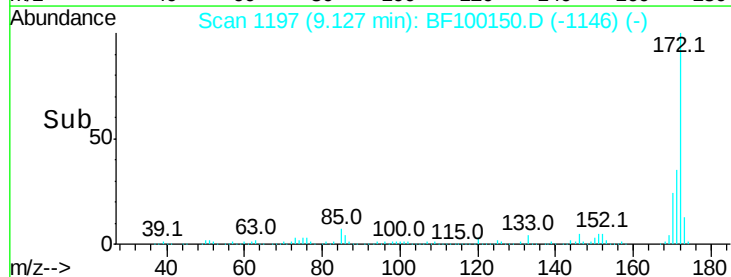
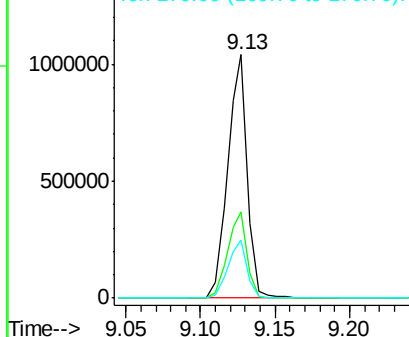


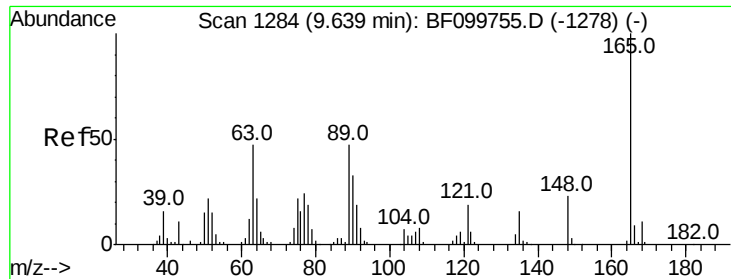
#44
 2-Fluorobiphenyl
 Concen: 85.133 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF100150.D
 Acq: 3 Nov 2017 22:20

Tgt Ion:172 Resp: 961209
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.7 44.5
 170 23.9 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

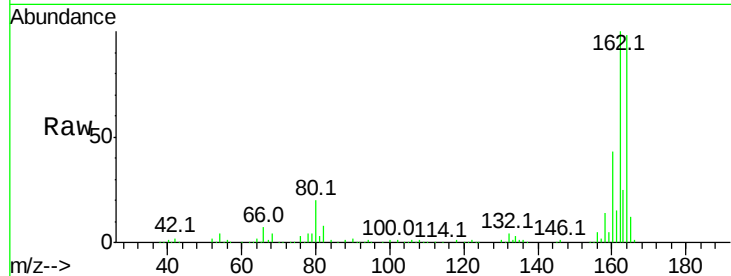




#50
 2,6-Dinitrotoluene
 Concen: 7.551 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.19 min
 Lab File: BF100150.D
 Acq: 3 Nov 2017 22:20

Instrument :
 BNA_F
 ClientSampleId :

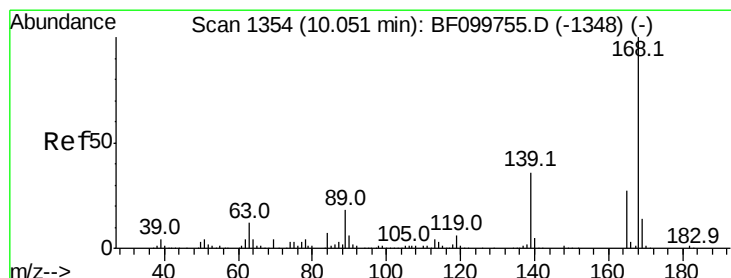
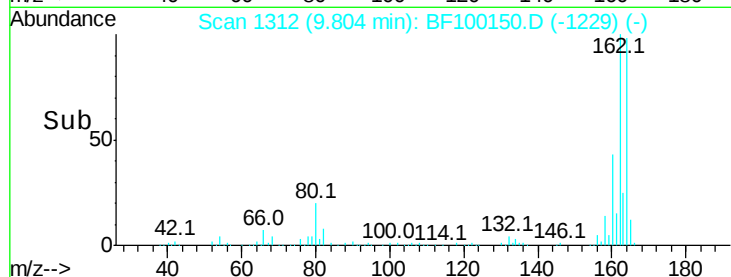
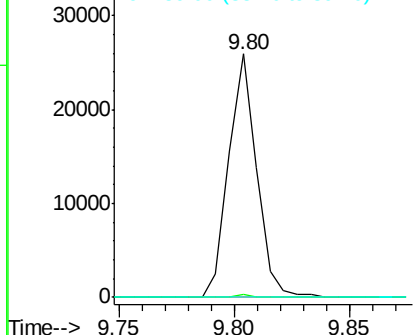
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	0.0	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

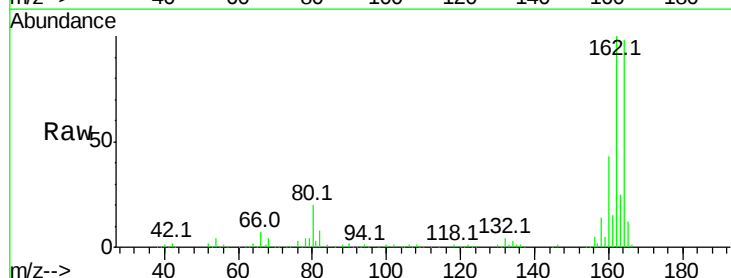
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56
 2,4-Dinitrotoluene
 Concen: 6.270 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.22 min
 Lab File: BF100150.D
 Acq: 3 Nov 2017 22:20

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

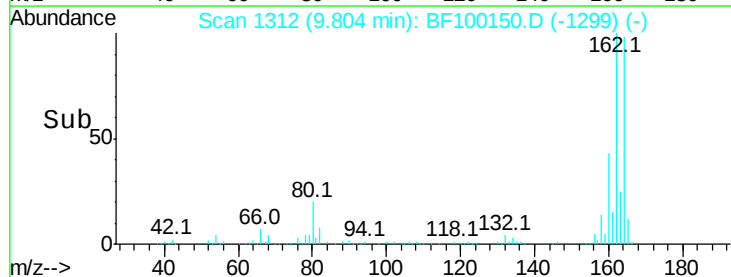
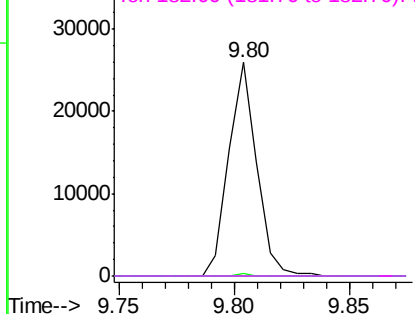


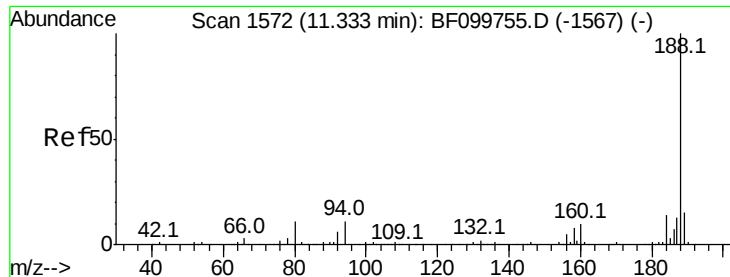
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

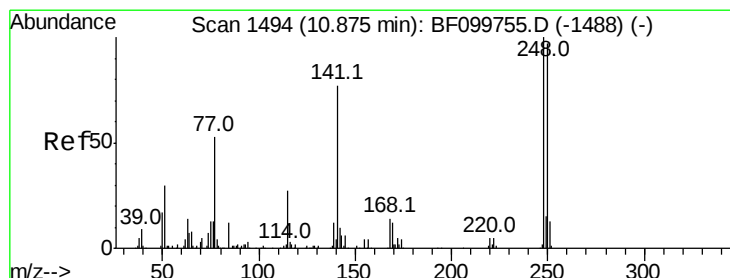
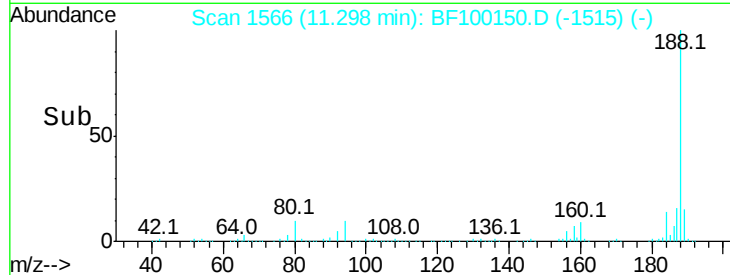
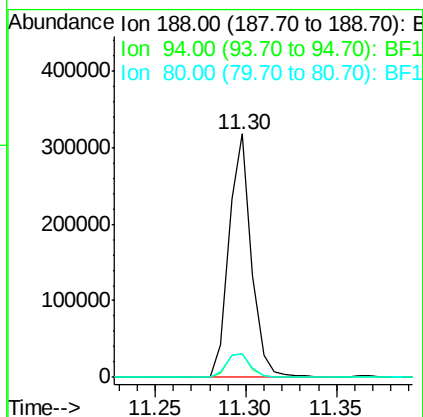
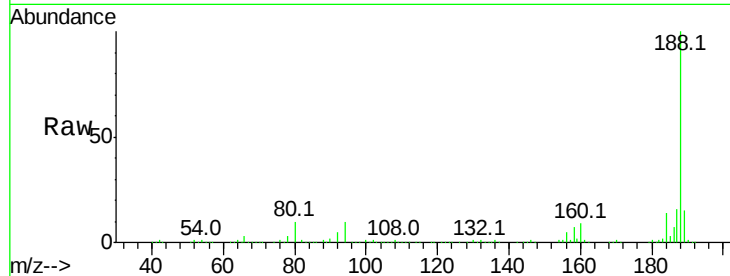




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: BF100150.D
 Acq: 3 Nov 2017 22:20

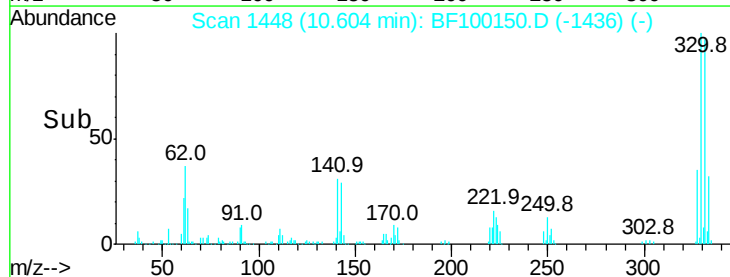
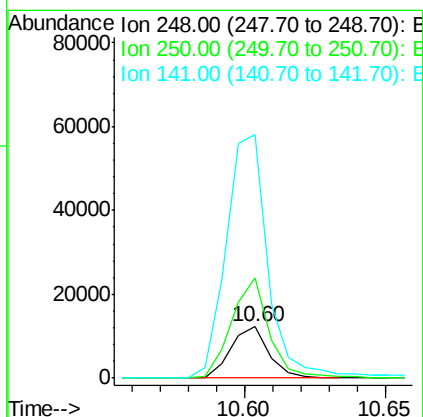
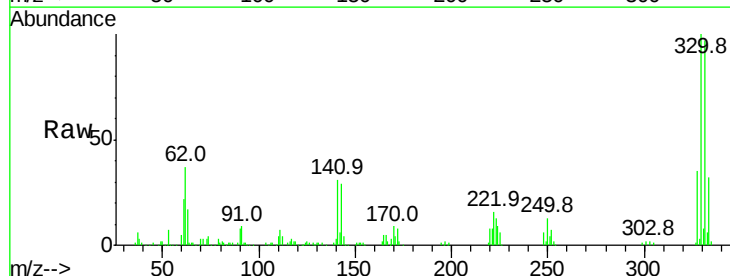
Instrument :
 BNA_F
 ClientSampleId :

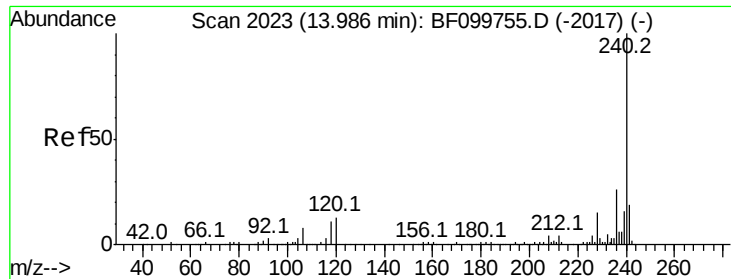
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	9.9	9.2	13.8



#66
 4-Bromophenyl-phenylether
 Concen: 3.968 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.23 min
 Lab File: BF100150.D
 Acq: 3 Nov 2017 22:20

Tgt Ion	Ratio	Lower	Upper
248	100		
250	195.9	76.9	115.3#
141	476.9	74.4	111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF100150.D

Acq: 3 Nov 2017 22:20

Instrument :

BNA_F

ClientSampleId :

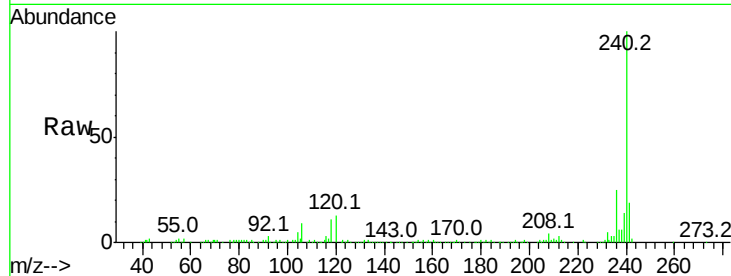
Tot Ion:240 Resp: 147636

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

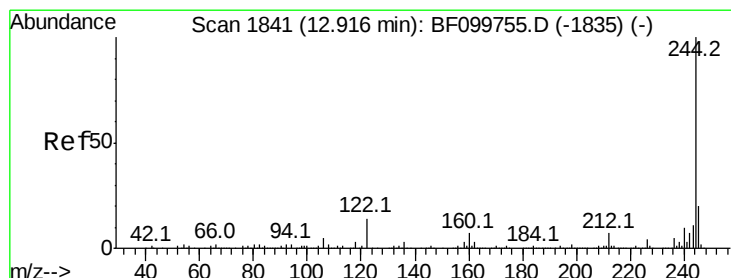
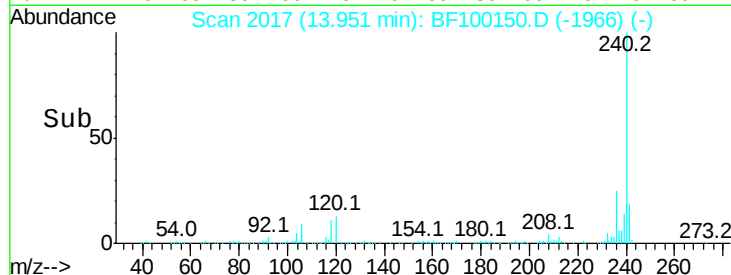
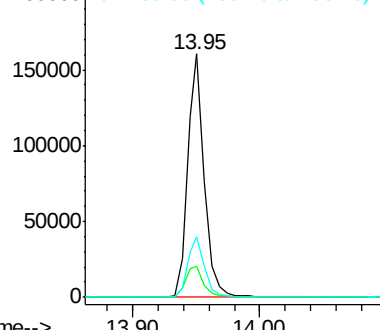
236 24.9 20.7 31.1



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: 95.963 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BF100150.D

Acq: 3 Nov 2017 22:20

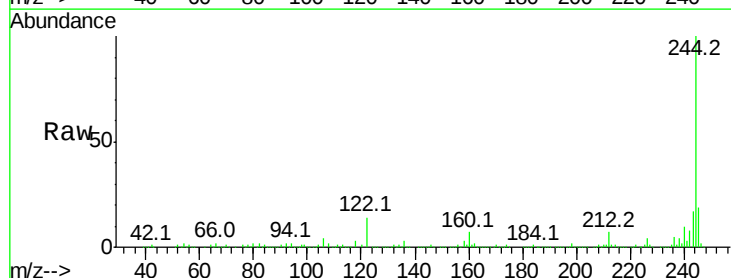
Tgt Ion:244 Resp: 648295

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

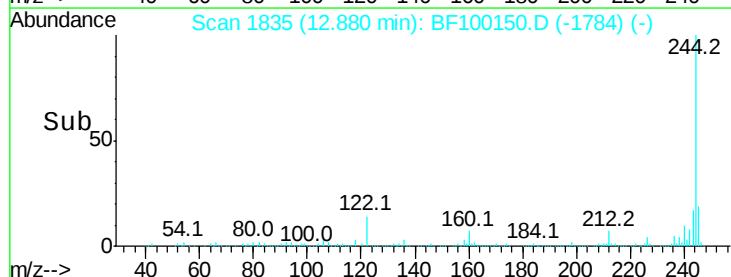
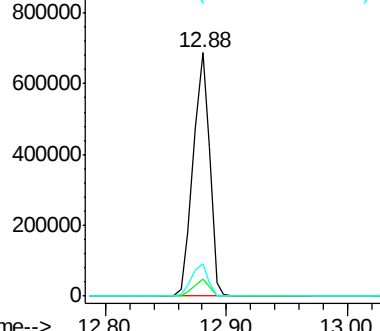
122 13.5 11.0 16.4

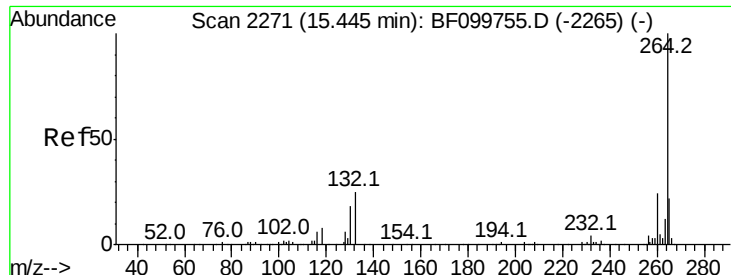


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

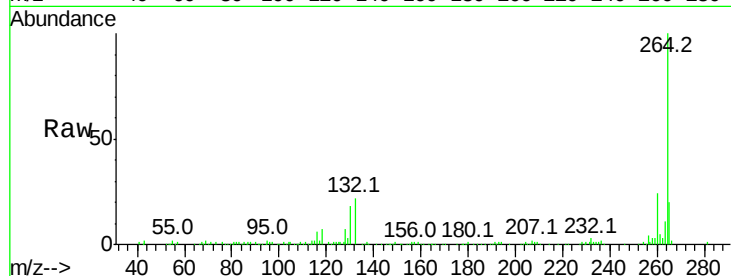




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.00 min
Lab File: BF100150.D
Acq: 3 Nov 2017 22:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.1	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

