

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110317\
 Data File : BF100149.D
 Acq On : 3 Nov 2017 21:53
 Operator : SJ/JU
 Sample : I6081-17
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 03 23:15:47 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

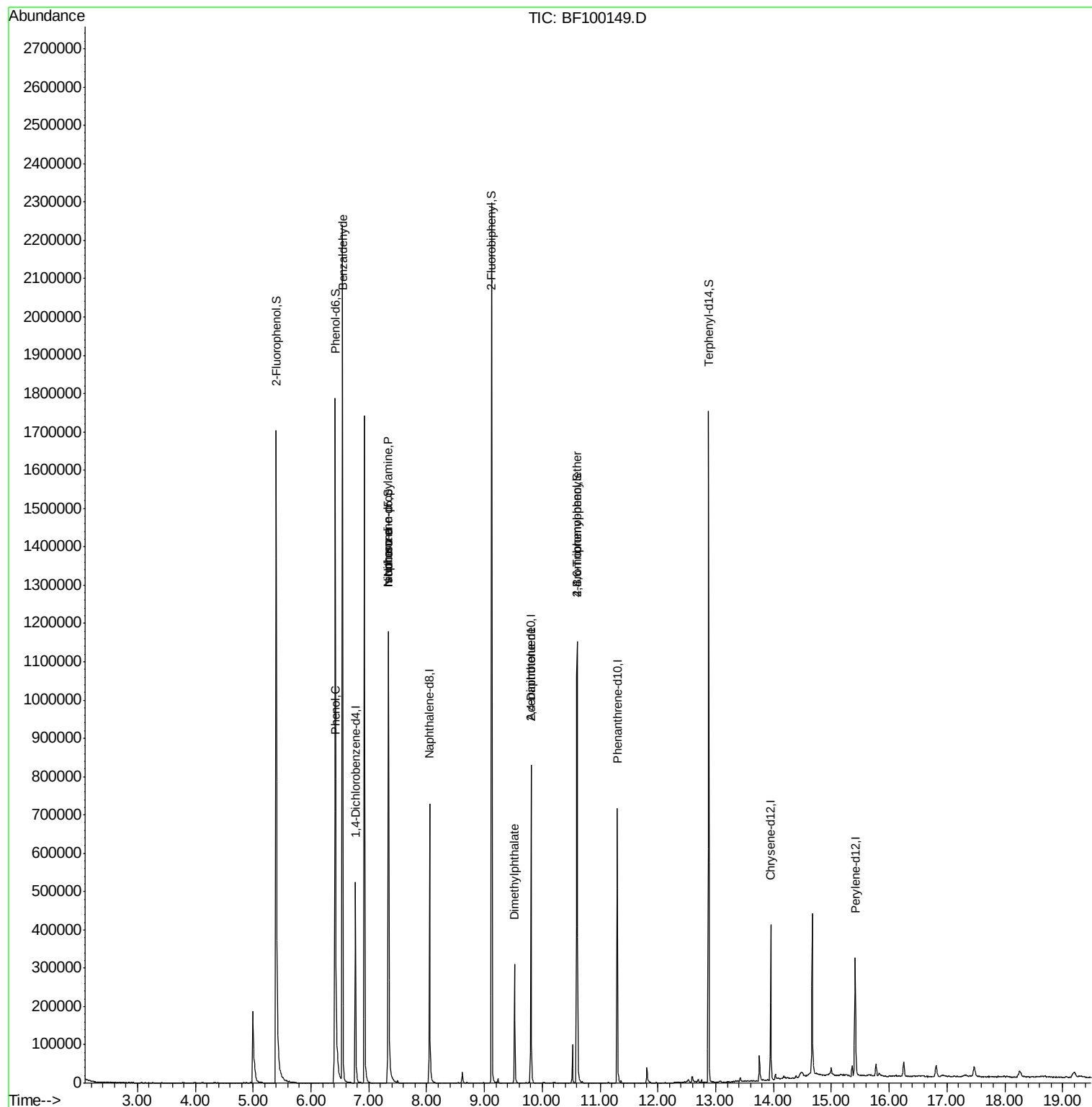
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	89203	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	368560	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	161320	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	255779	20.00	ng	0.00
75) Chrysene-d12	13.95	240	138727	20.00	ng	0.00
86) Perylene-d12	15.41	264	145271	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	683080	120.22	ng	0.00
7) Phenol-d6	6.42	99	814447	120.89	ng	0.00
23) Nitrobenzene-d5	7.34	82	468097	81.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	156195	106.25	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	821435	78.56	ng	0.00
78) Terphenyl-d14	12.88	244	572448	90.18	ng	0.00
Target Compounds						
9) Benzaldehyde	6.55	77	11995	2.980	ng	90
10) Phenol	6.43	94	47677	6.446	ng	95
19) n-Nitroso-di-n-propylamine	7.34	70	58248	14.753	ng	# 71
25) Isophorone	7.34	82	468097	45.062	ng	# 64
49) Dimethylphthalate	9.52	163	131642	10.304	ng	99
56) 2,4-Dinitrotoluene	9.80	165	20381	6.302	ng	# 23
66) 4-Bromophenyl-phenylether	10.60	248	10474	3.890	ng	# 1

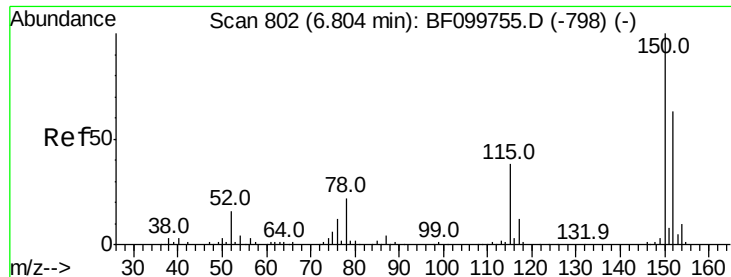
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



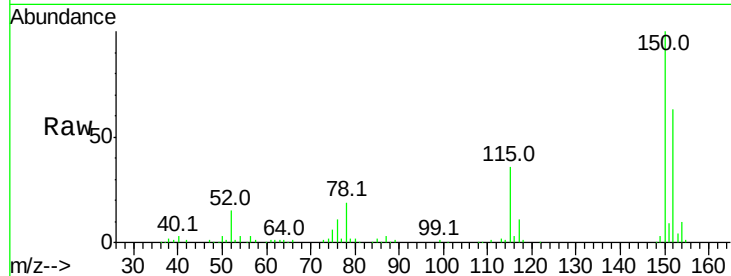


#1

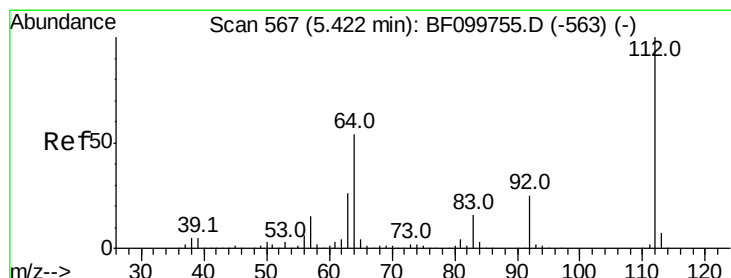
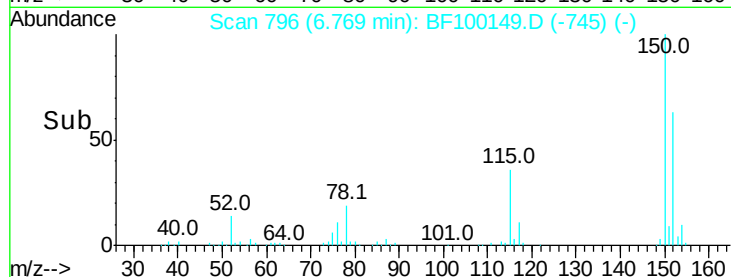
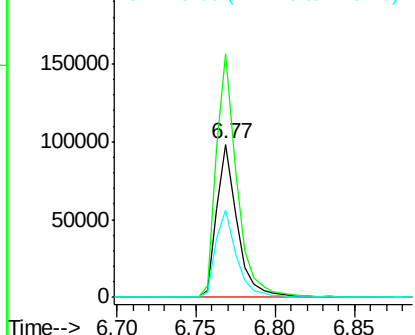
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF100149.D
Acq: 3 Nov 2017 21:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 89203
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 57.2 50.1 75.1



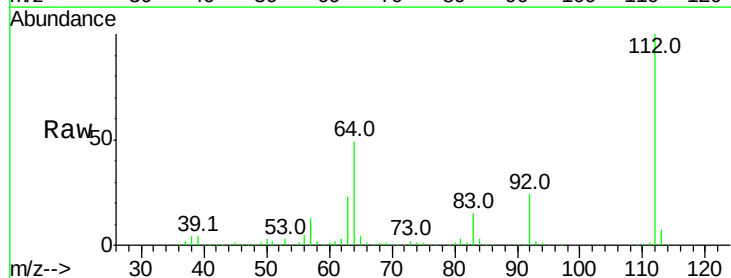
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



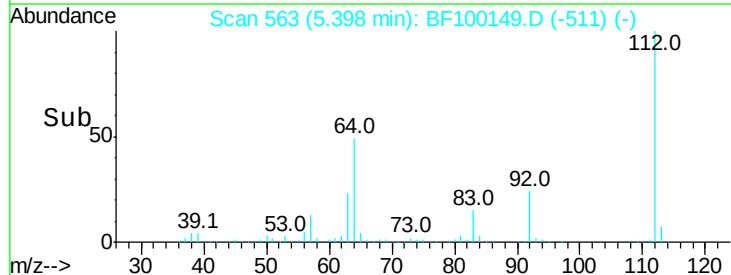
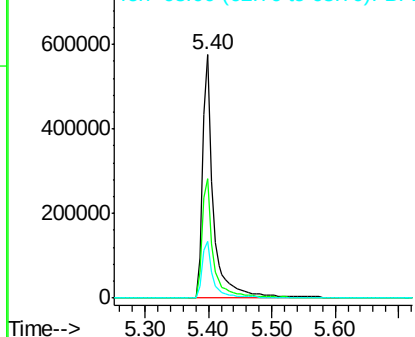
#5

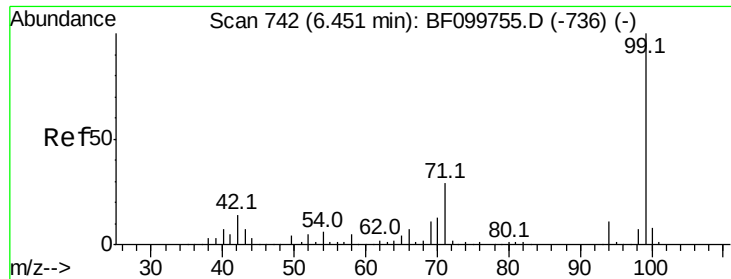
2-Fluorophenol
Concen: 120.222 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF100149.D
Acq: 3 Nov 2017 21:53

Tgt Ion:112 Resp: 683080
Ion Ratio Lower Upper
112 100
64 49.2 47.9 71.9
63 23.2 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: 120.890 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100149.D

Acq: 3 Nov 2017 21:53

Instrument :

BNA_F

ClientSampled :

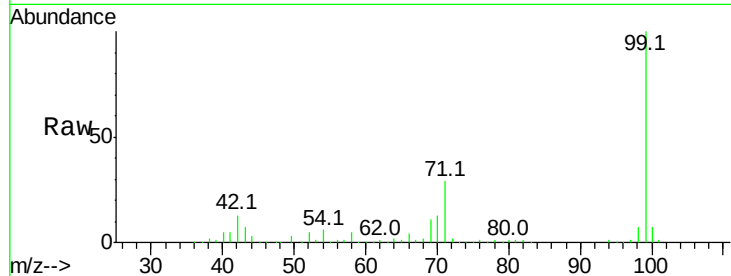
Tot Ion: 99 Resp: 814447

Ion Ratio Lower Upper

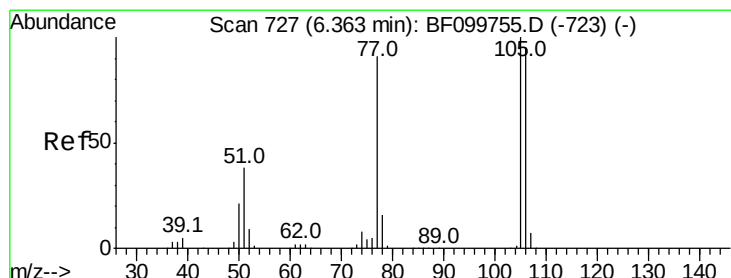
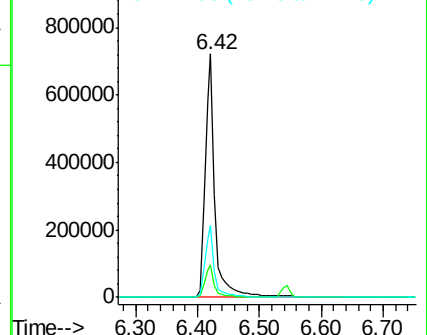
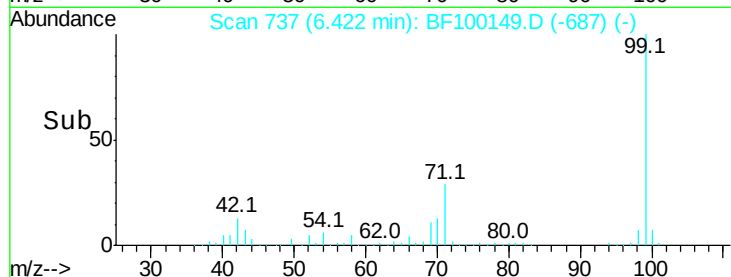
99 100

42 13.1 14.5 21.7#

71 29.5 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: 2.980 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.21 min

Lab File: BF100149.D

Acq: 3 Nov 2017 21:53

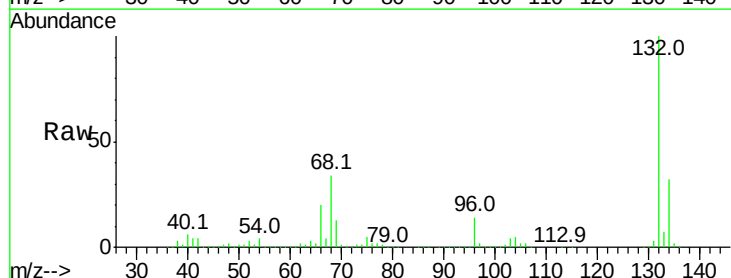
Tgt Ion: 77 Resp: 11995

Ion Ratio Lower Upper

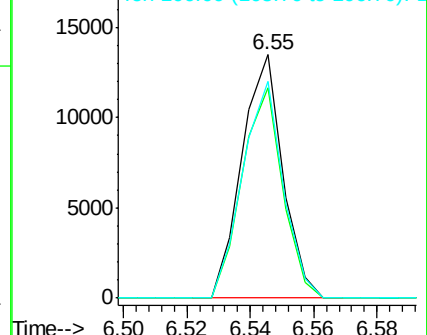
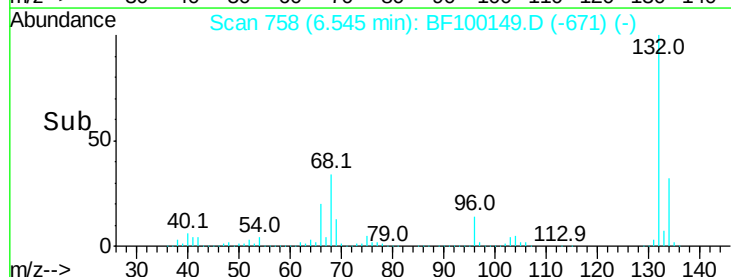
77 100

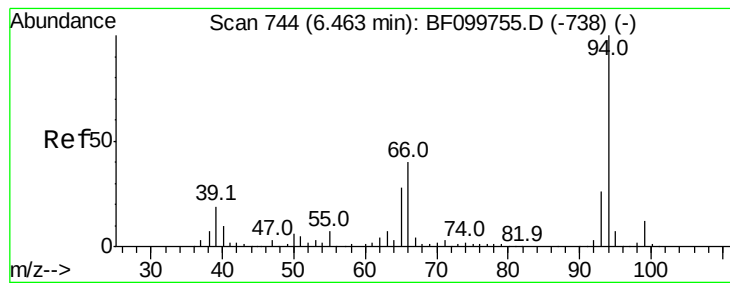
105 86.2 81.1 121.1

106 88.9 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





#10

Phenol

Concen: 6.446 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF100149.D

Acq: 3 Nov 2017 21:53

Instrument :

BNA_F

ClientSampleId :

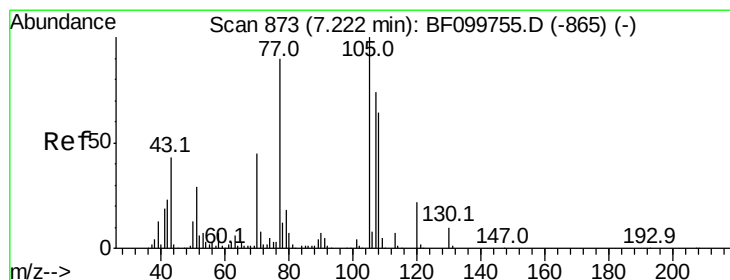
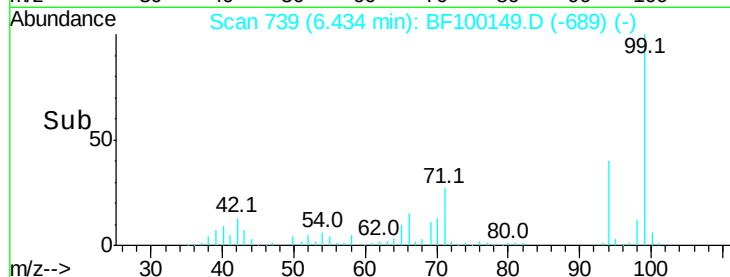
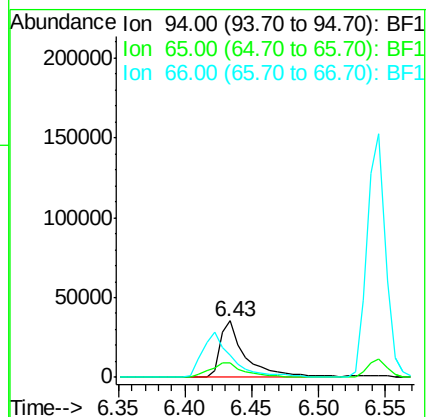
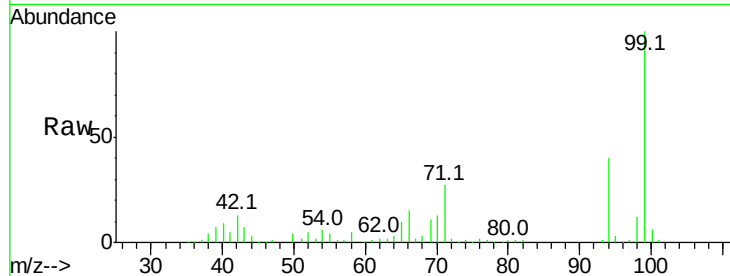
Tot Ion: 94 Resp: 47677

Ion Ratio Lower Upper

94 100

65 24.9 7.9 47.9

66 38.9 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 14.753 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.15 min

Lab File: BF100149.D

Acq: 3 Nov 2017 21:53

Tgt Ion: 70 Resp: 58248

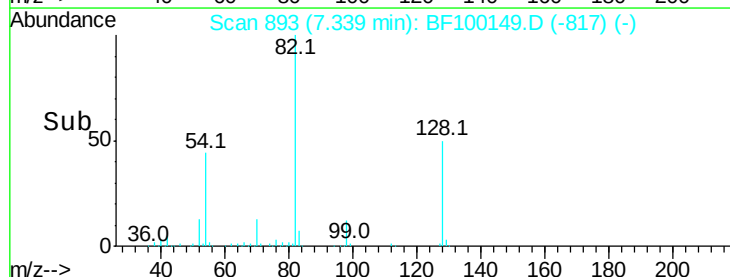
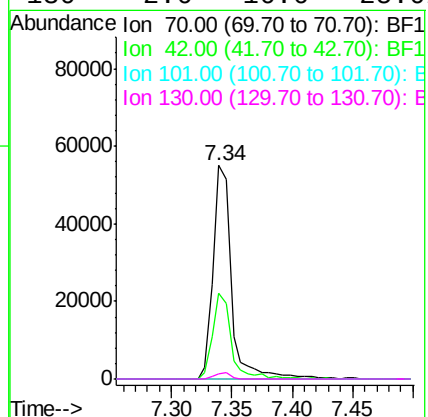
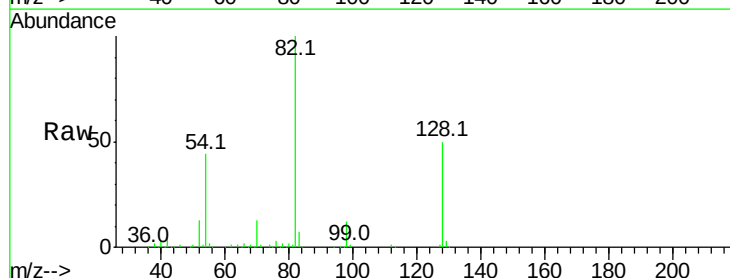
Ion Ratio Lower Upper

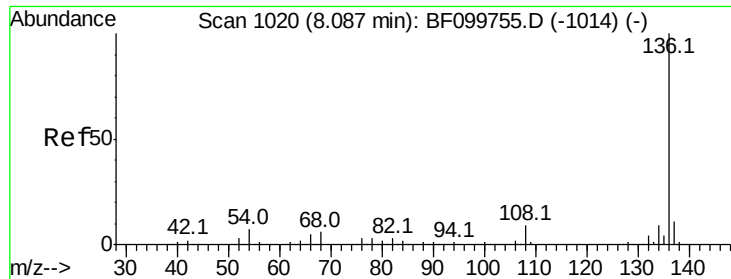
70 100

42 40.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

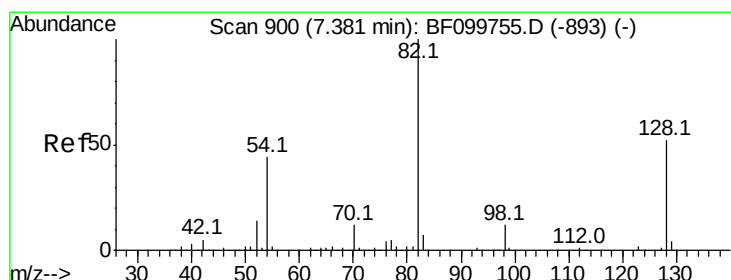
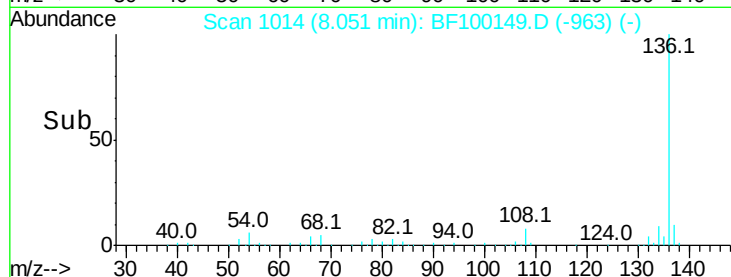
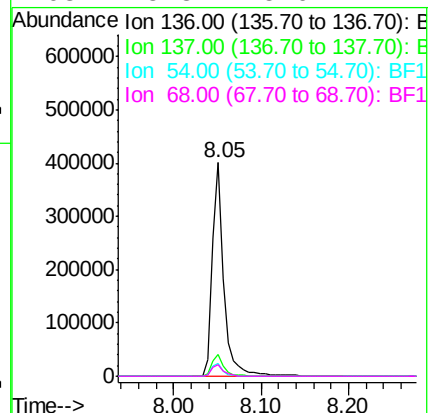
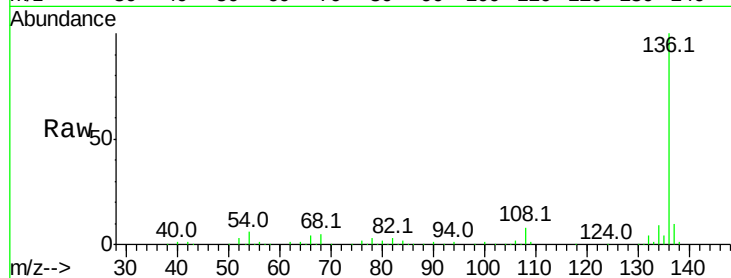




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF100149.D
Acq: 3 Nov 2017 21:53

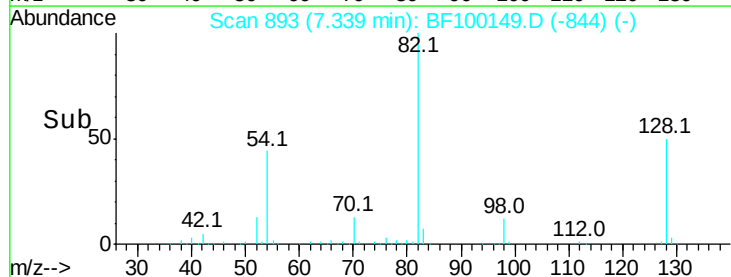
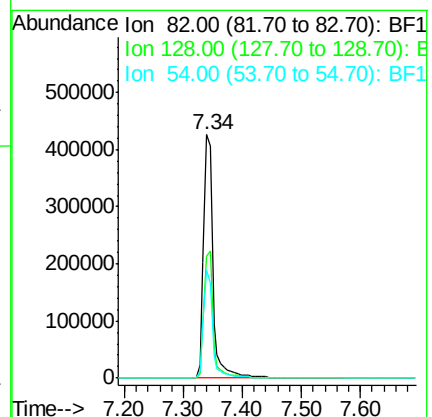
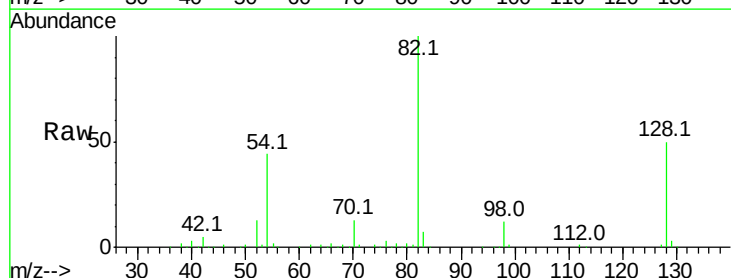
Instrument :
BNA_F
ClientSampleId :

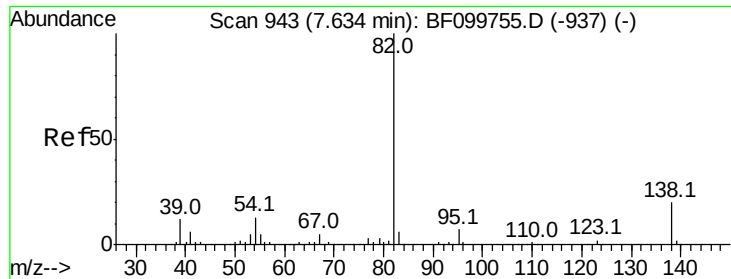
Tot Ion:	136	Resp:	368560
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	5.9	6.6	9.8#
68	5.3	5.0	7.4



#23
Nitrobenzene-d5
Concen: 81.768 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100149.D
Acq: 3 Nov 2017 21:53

Tgt Ion:	82	Resp:	468097
Ion	Ratio	Lower	Upper
82	100		
128	49.9	36.1	54.1
54	44.1	41.4	62.2





#25

Isophorone

Concen: 45.062 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.26 min

Lab File: BF100149.D

Acq: 3 Nov 2017 21:53

Instrument :

BNA_F

ClientSampled :

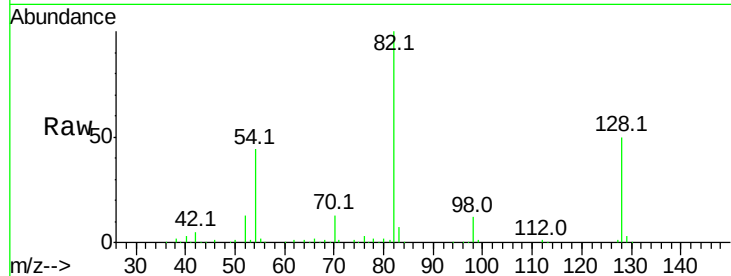
Tot Ion: 82 Resp: 468097

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

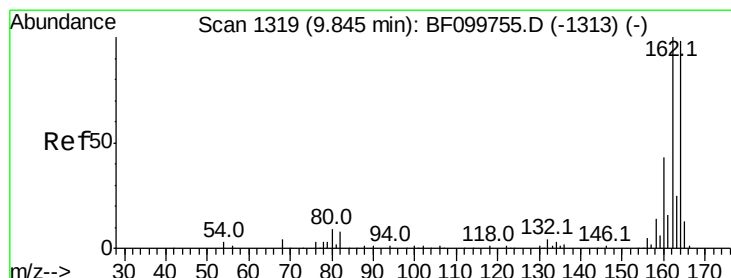
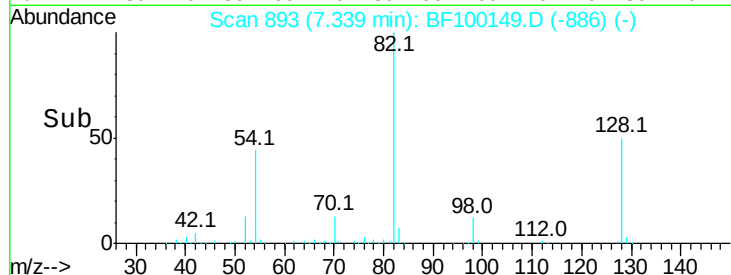
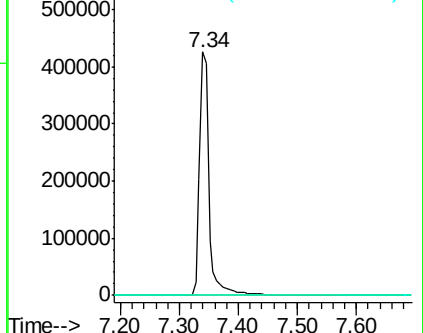
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF100149.D

Acq: 3 Nov 2017 21:53

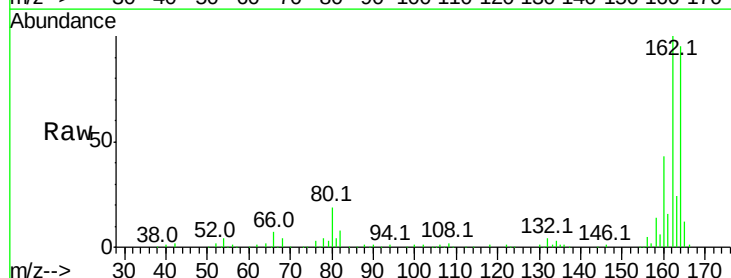
Tgt Ion:164 Resp: 161320

Ion Ratio Lower Upper

164 100

162 104.8 86.1 129.1

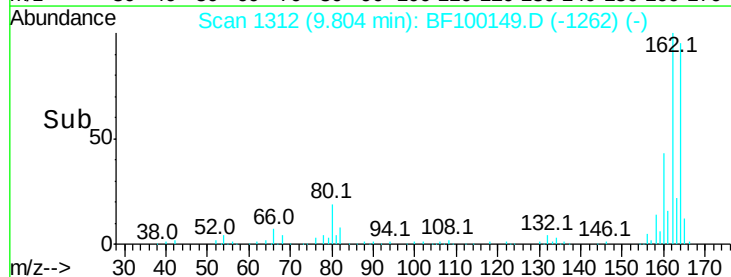
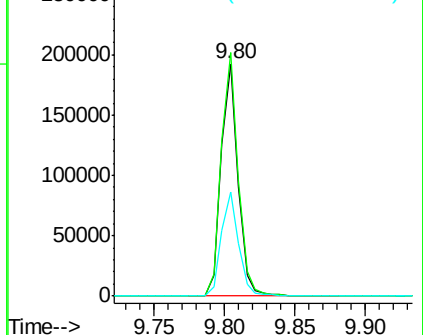
160 45.0 38.3 57.5

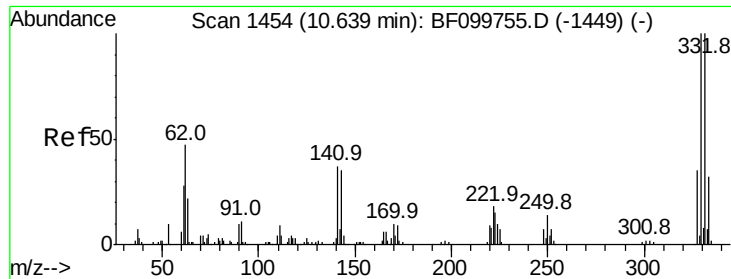


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

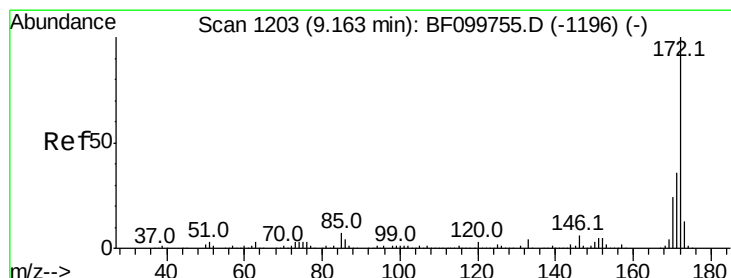
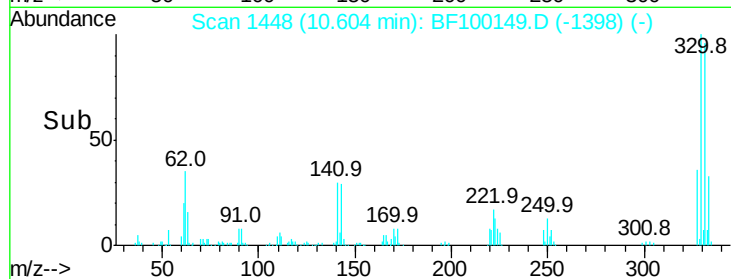
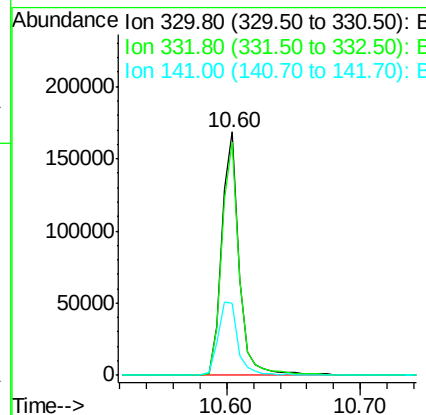
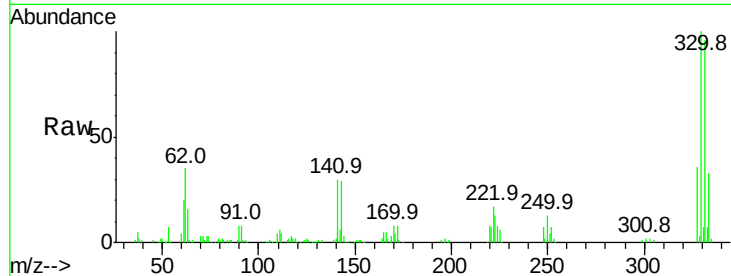




#41
 2,4,6-Tribromophenol
 Concen: 106.245 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF100149.D
 Acq: 3 Nov 2017 21:53

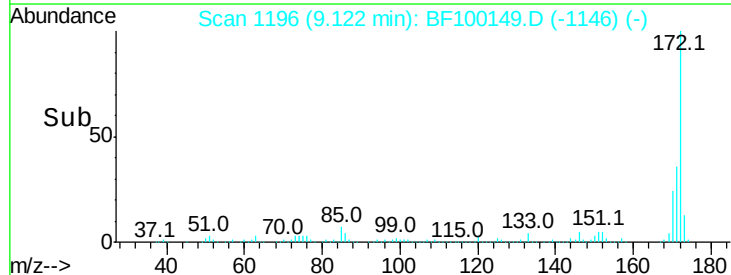
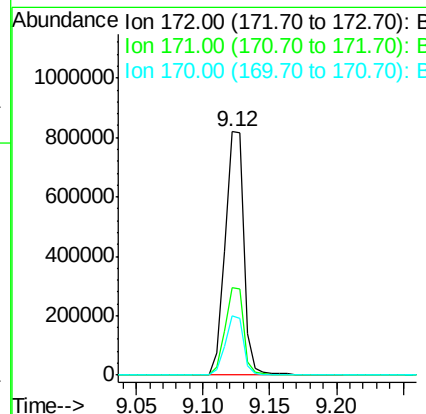
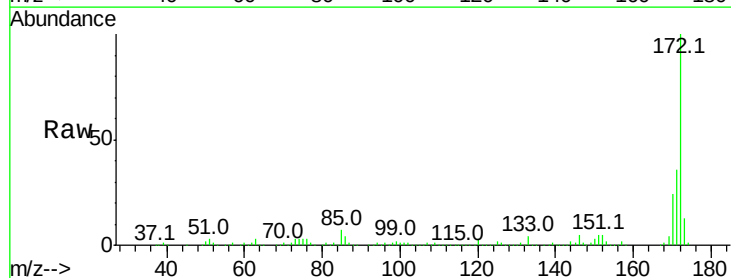
Instrument :
 BNA_F
 ClientSampleId :

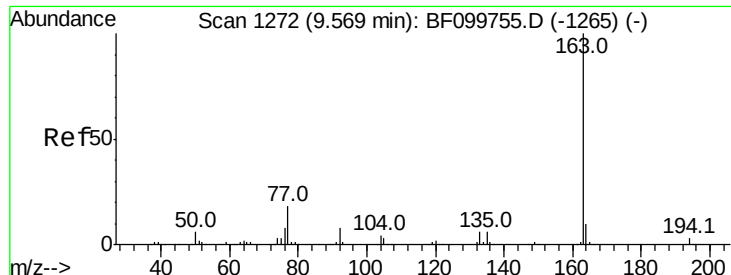
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	34.2	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 78.561 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF100149.D
 Acq: 3 Nov 2017 21:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.2	19.6	29.4





#49

Dimethylphthalate

Concen: 10.304 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF100149.D

Acq: 3 Nov 2017 21:53

Instrument :

BNA_F

ClientSampleId :

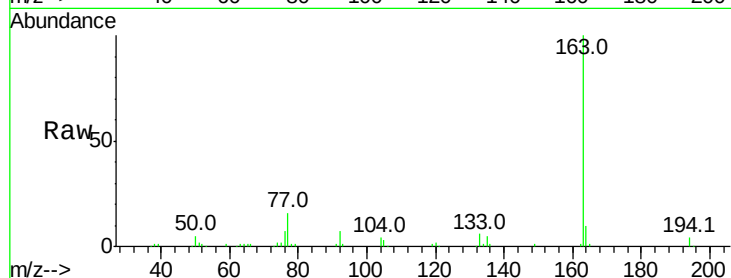
Tot Ion:163 Resp: 131642

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

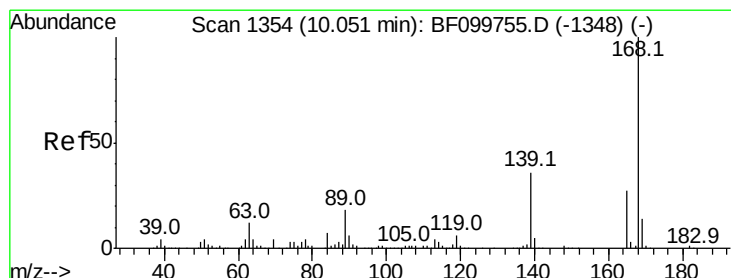
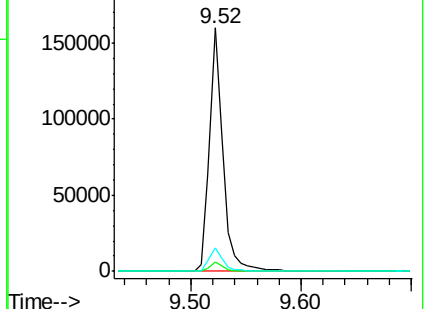
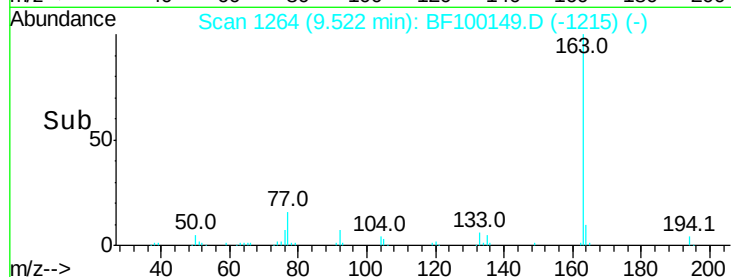
164 9.8 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 6.302 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.22 min

Lab File: BF100149.D

Acq: 3 Nov 2017 21:53

Tgt Ion:165 Resp: 20381

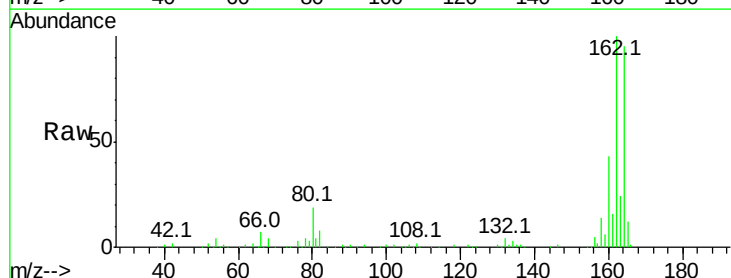
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 1.8 57.8 86.6#

182 0.0 1.6 2.4#

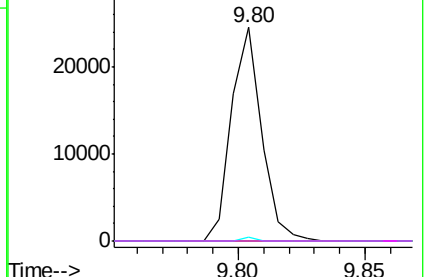
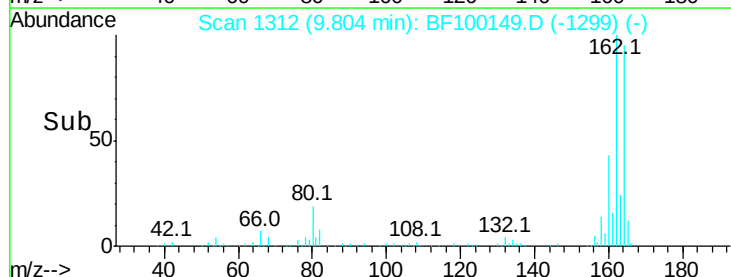


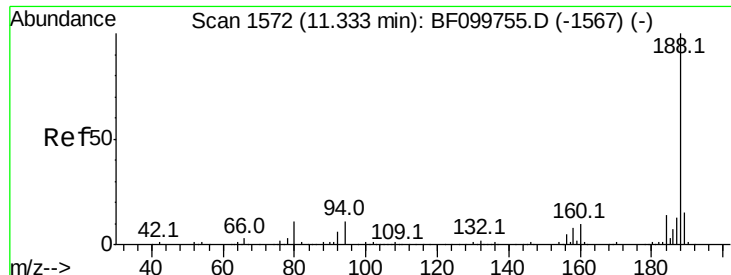
Abundance Ion 165.00 (164.70 to 165.70): E

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

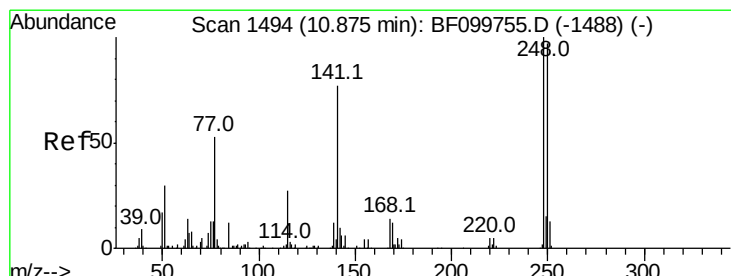
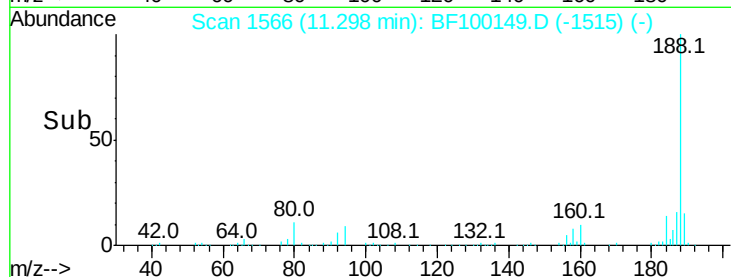
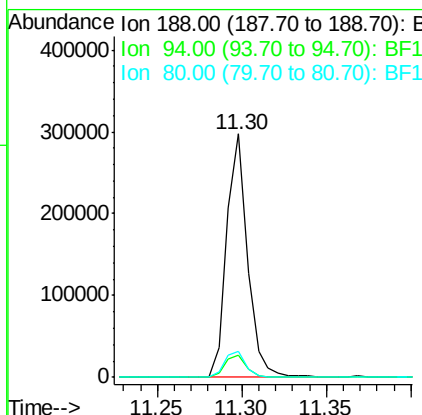
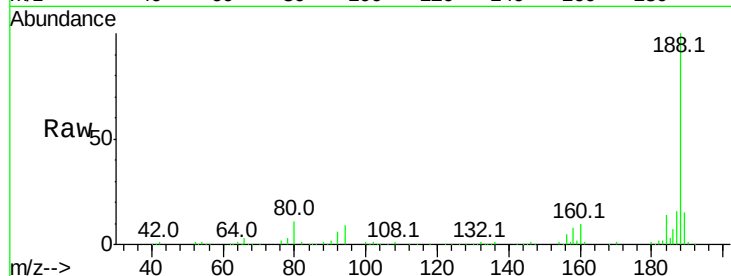




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BF100149.D
 Acq: 3 Nov 2017 21:53

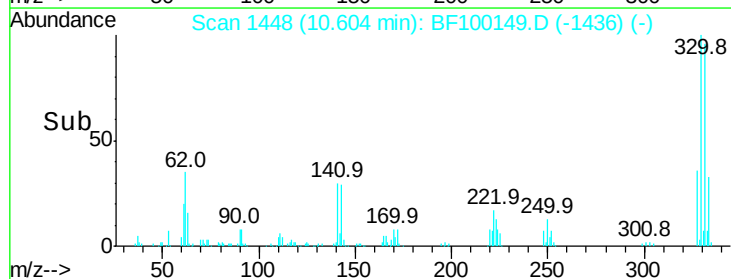
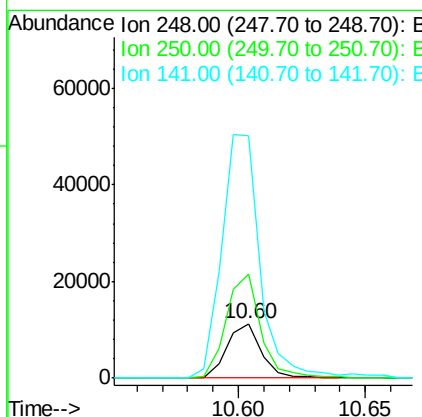
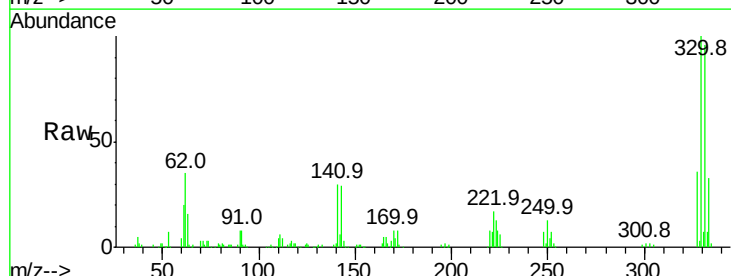
Instrument :
 BNA_F
 ClientSampleId :

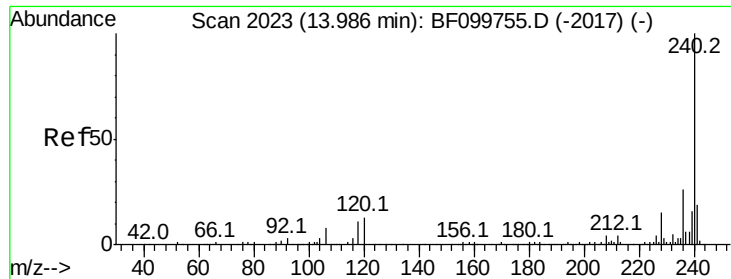
Tot Ion:188 Resp: 255779
 Ion Ratio Lower Upper
 188 100
 94 9.0 8.5 12.7
 80 10.6 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 3.890 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.23 min
 Lab File: BF100149.D
 Acq: 3 Nov 2017 21:53

Tgt Ion:248 Resp: 10474
 Ion Ratio Lower Upper
 248 100
 250 192.6 76.9 115.3#
 141 446.0 74.4 111.6#

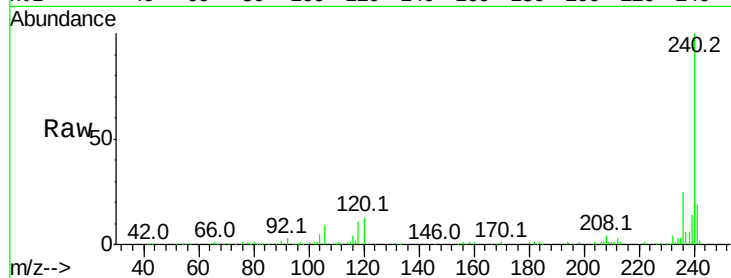




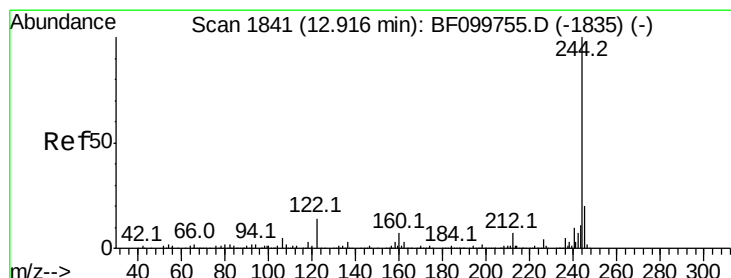
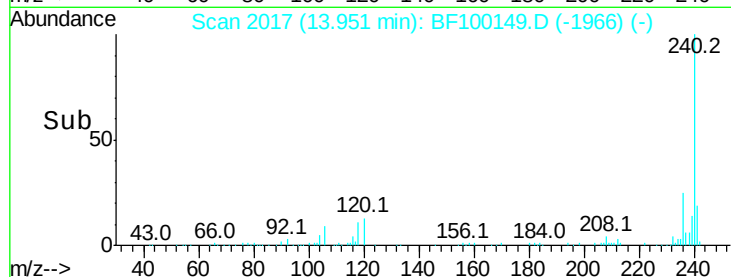
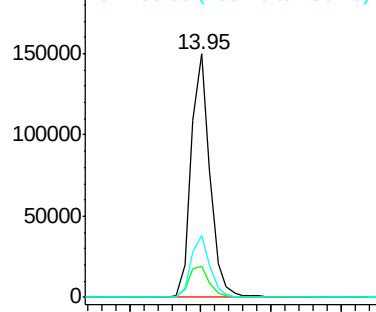
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF100149.D
Acq: 3 Nov 2017 21:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 138727
Ion Ratio Lower Upper
240 100
120 12.6 9.5 14.3
236 25.5 20.7 31.1

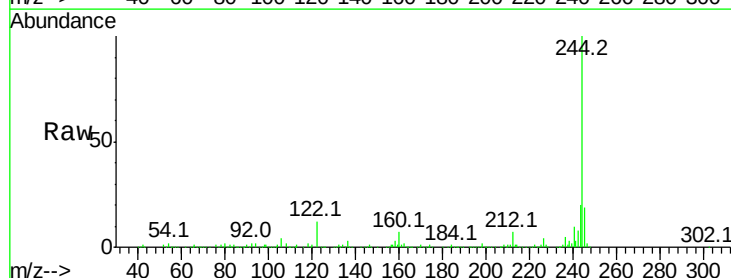


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

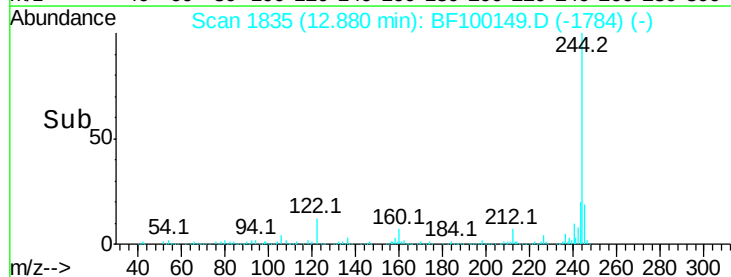
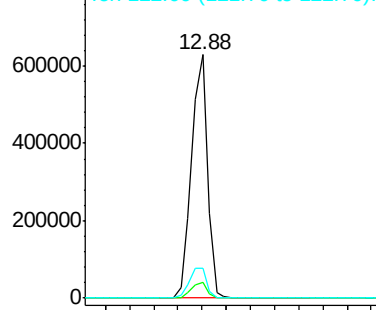


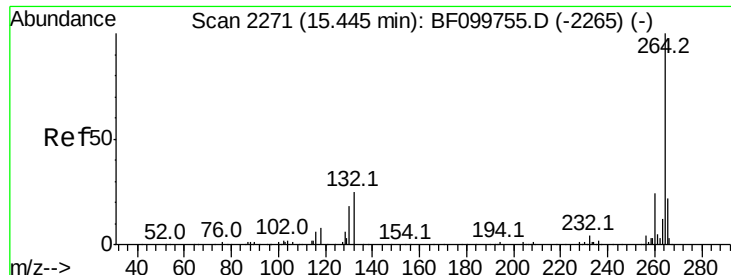
#78
Terphenyl-d14
Concen: 90.178 ng
RT: 12.88 min Scan# 1835
Delta R.T. 0.00 min
Lab File: BF100149.D
Acq: 3 Nov 2017 21:53

Tgt Ion:244 Resp: 572448
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 12.3 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

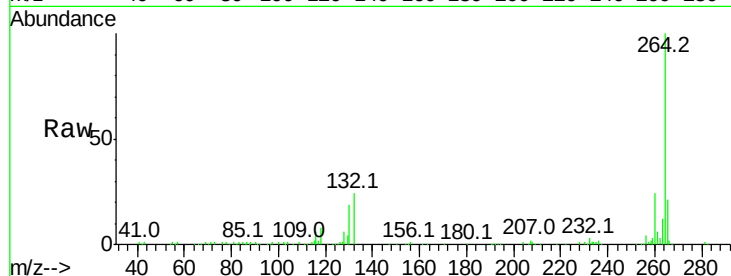




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. 0.00 min
 Lab File: BF100149.D
 Acq: 3 Nov 2017 21:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.3	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

