

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099933.D
 Acq On : 28 Oct 2017 22:37
 Operator : SJ/JU
 Sample : I6119-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 02:03:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

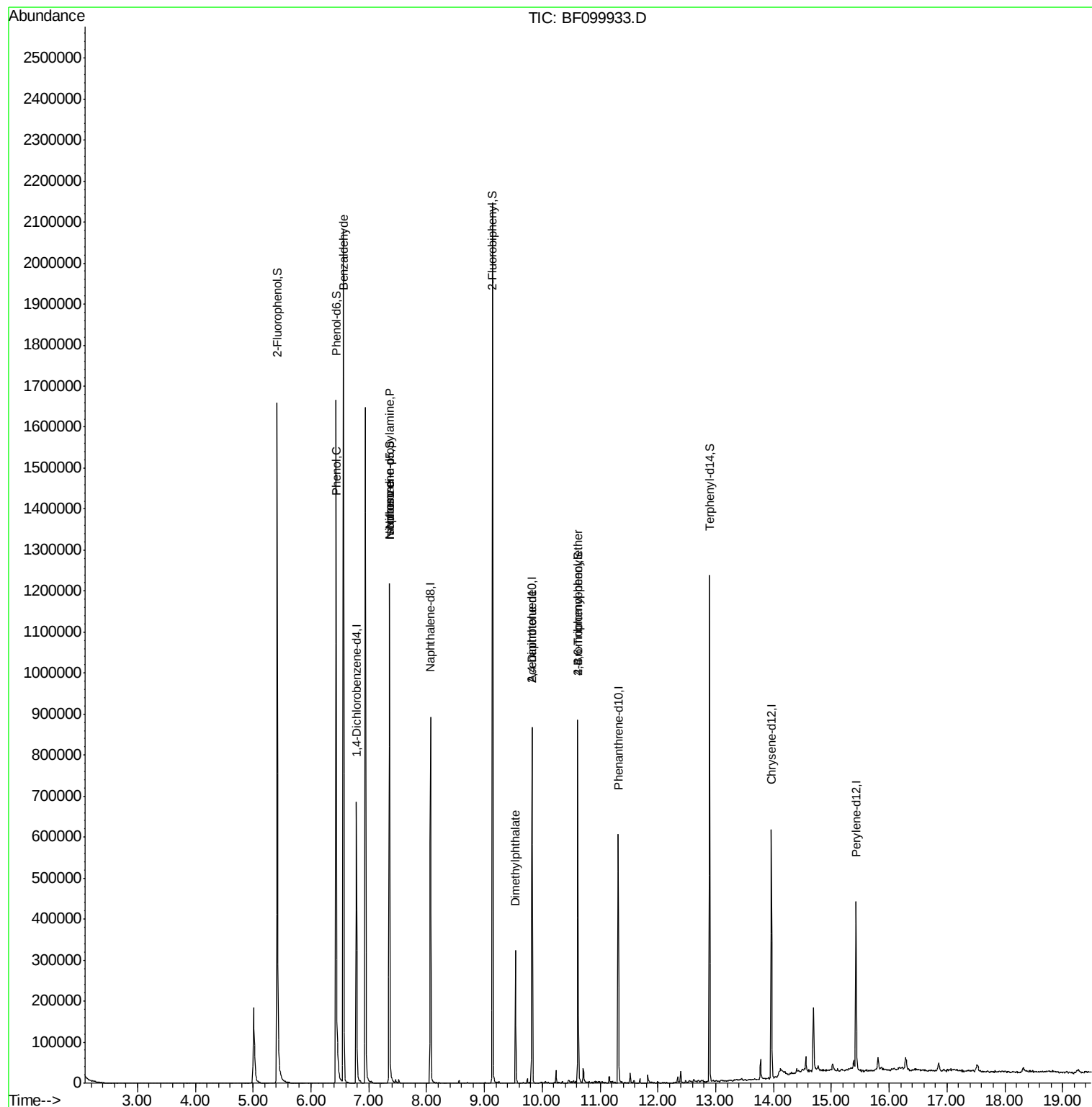
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	105579	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	411302	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	164853	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	225901	20.00	ng	-0.02
75) Chrysene-d12	13.96	240	187835	20.00	ng	-0.03
86) Perylene-d12	15.43	264	180476	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	605249	90.00	ng	0.00
7) Phenol-d6	6.43	99	717187	89.94	ng	0.00
23) Nitrobenzene-d5	7.36	82	409040	64.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	106068	70.60	ng	-0.02
44) 2-Fluorobiphenyl	9.14	172	727034	68.04	ng	-0.02
78) Terphenyl-d14	12.90	244	418314	48.67	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.56	77	11028	2.314	ng	89
10) Phenol	6.45	94	17895	2.044	ng	# 78
19) n-Nitroso-di-n-propylamine	7.36	70	50724	10.855	ng	# 71
25) Isophorone	7.36	82	409040	35.285	ng	# 64
49) Dimethylphthalate	9.54	163	133119	10.197	ng	99
56) 2,4-Dinitrotoluene	9.82	165	20849	6.308	ng	# 22
66) 4-Bromophenyl-phenylether	10.62	248	6801	2.860	ng	# 1

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

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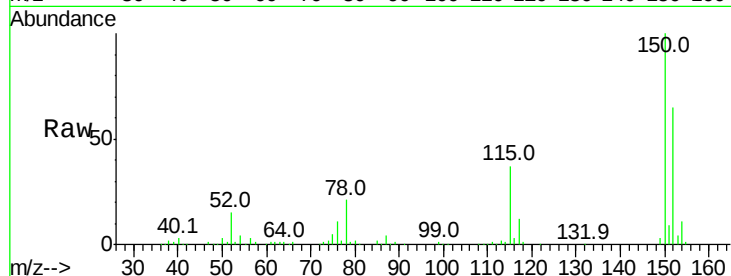


#1

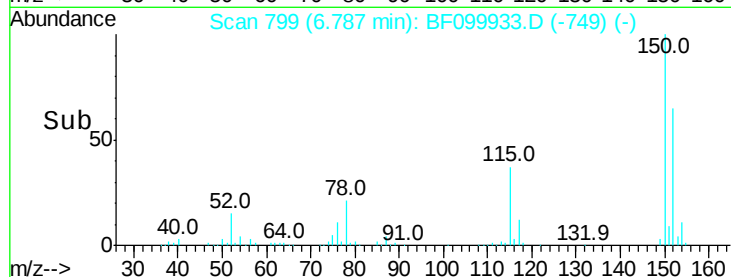
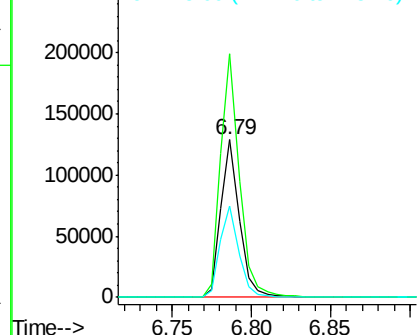
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099933.D
Acq: 28 Oct 2017 22:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 105579
Ion Ratio Lower Upper
152 100
150 154.6 124.6 186.8
115 57.6 50.1 75.1



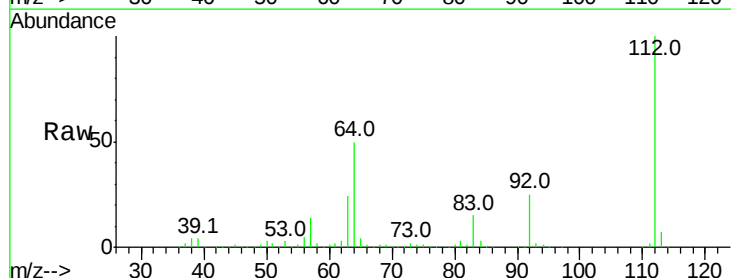
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



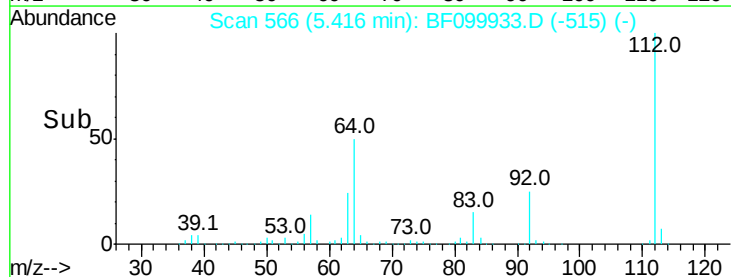
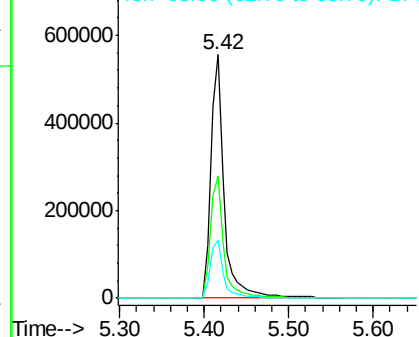
#5

2-Fluorophenol
Concen: 90.001 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF099933.D
Acq: 28 Oct 2017 22:37

Tgt Ion:112 Resp: 605249
Ion Ratio Lower Upper
112 100
64 49.9 47.9 71.9
63 24.0 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: 89.942 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099933.D

Acq: 28 Oct 2017 22:37

Instrument :

BNA_F

ClientSampleId :

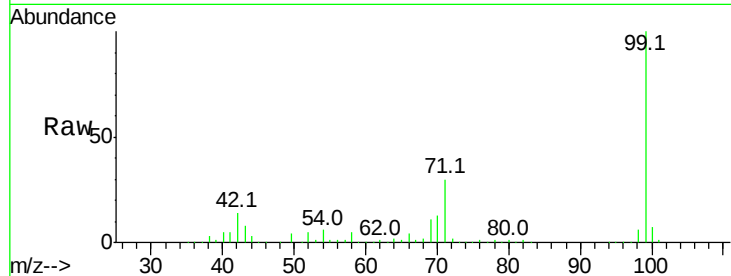
Tot Ion: 99 Resp: 717187

Ion Ratio Lower Upper

99 100

42 14.4 14.5 21.7#

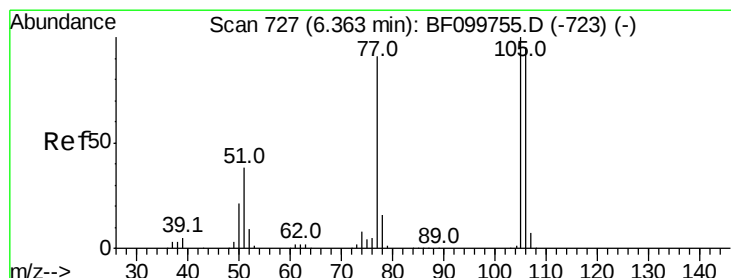
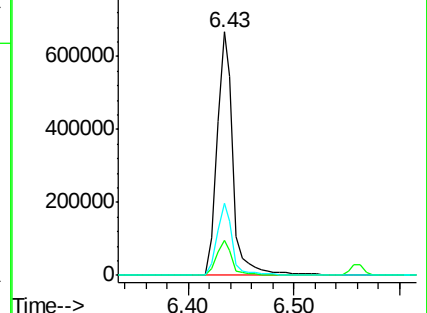
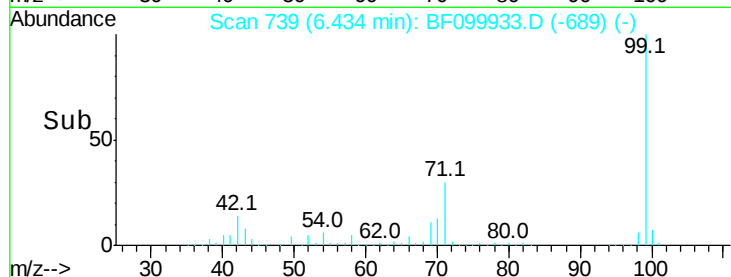
71 29.6 25.4 38.0



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: 2.314 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.21 min

Lab File: BF099933.D

Acq: 28 Oct 2017 22:37

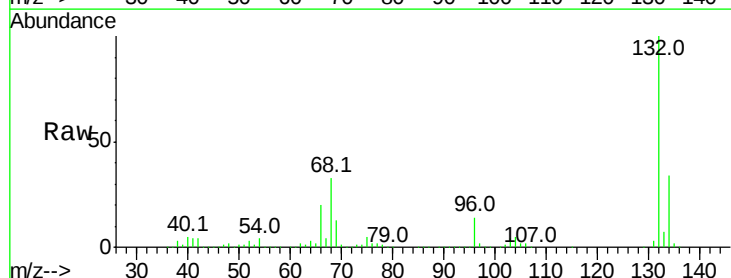
Tgt Ion: 77 Resp: 11028

Ion Ratio Lower Upper

77 100

105 86.2 81.1 121.1

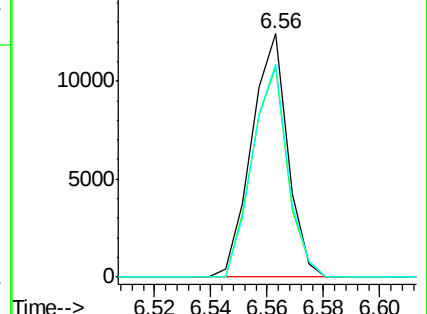
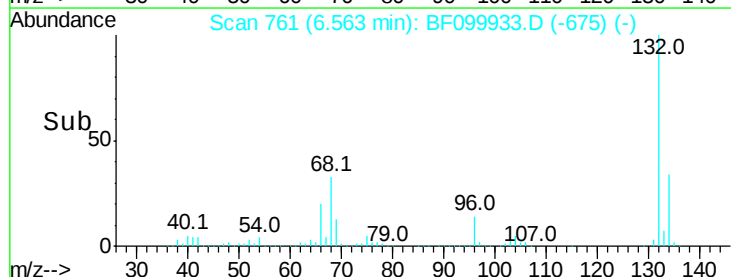
106 87.4 74.5 114.5

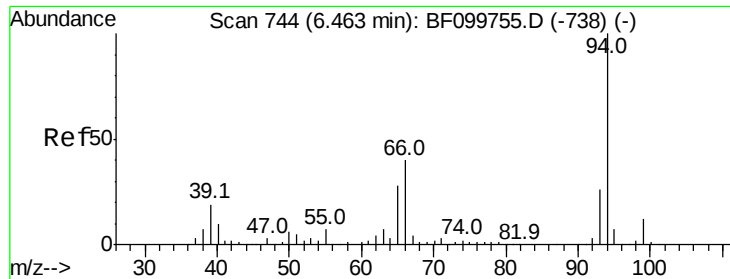


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.044 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099933.D

Acq: 28 Oct 2017 22:37

Instrument :

BNA_F

ClientSampleId :

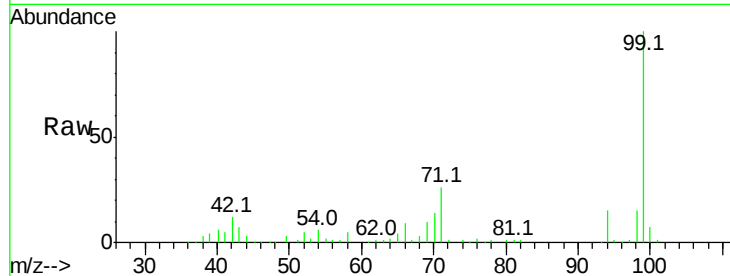
Tot Ion: 94 Resp: 17895

Ion Ratio Lower Upper

94 100

65 26.3 7.9 47.9

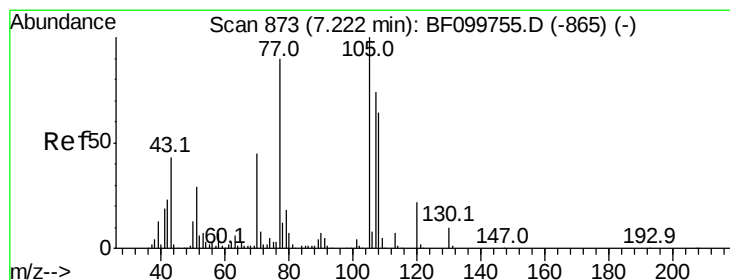
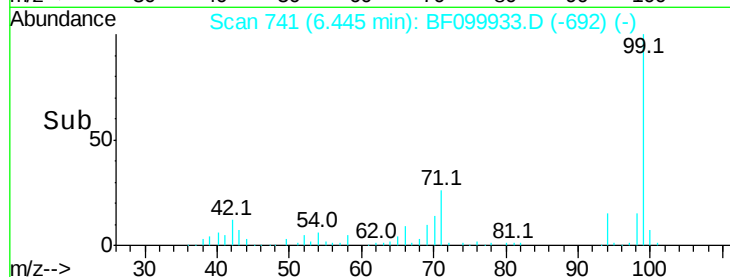
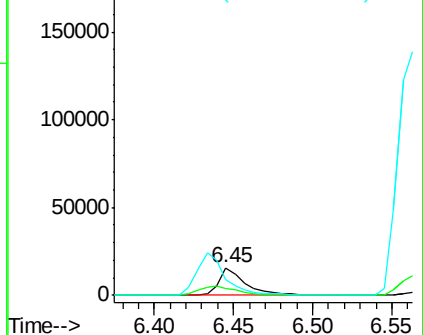
66 57.3 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 10.855 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF099933.D

Acq: 28 Oct 2017 22:37

Tgt Ion: 70 Resp: 50724

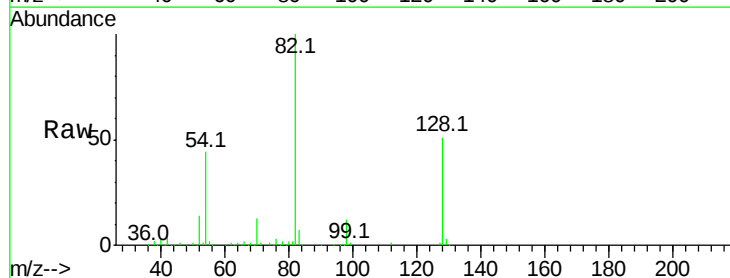
Ion Ratio Lower Upper

70 100

42 39.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.9 16.6 25.0#

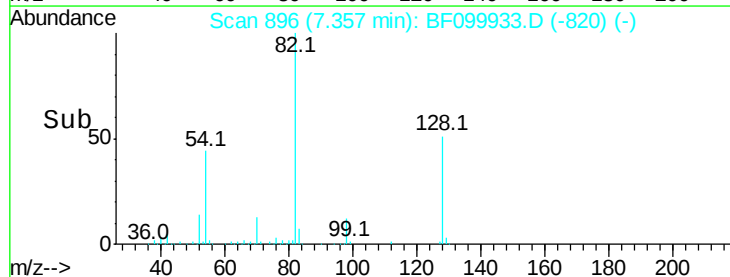
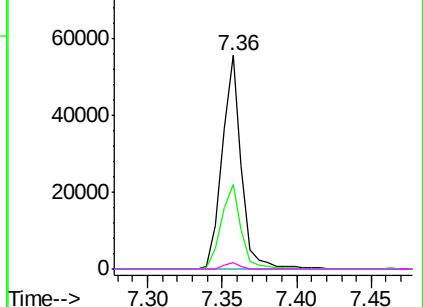


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

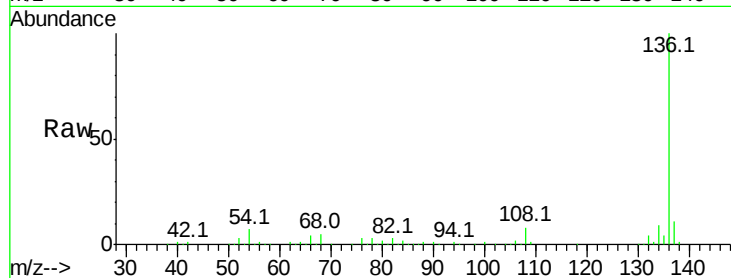




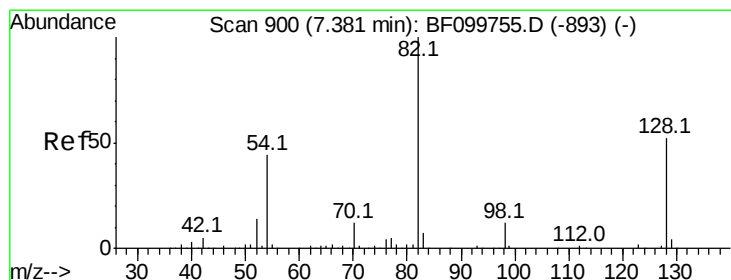
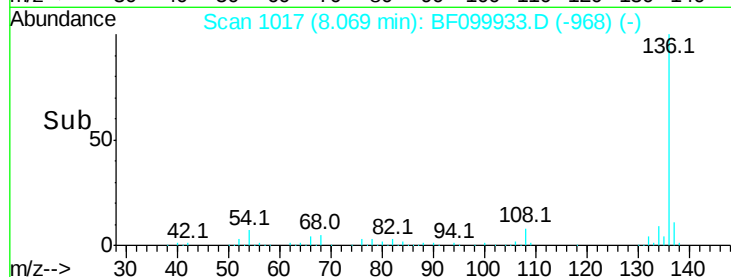
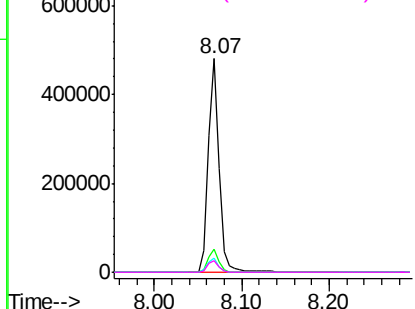
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099933.D
Acq: 28 Oct 2017 22:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	411302
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.6	6.6	9.8
68	5.4	5.0	7.4

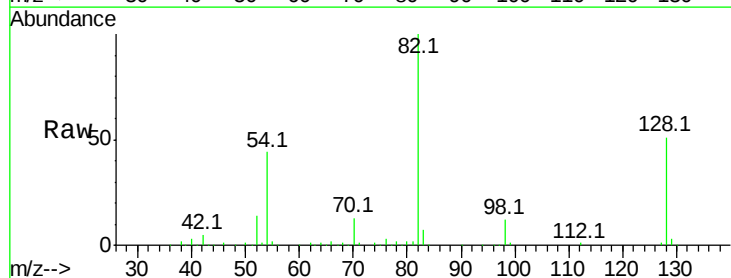


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

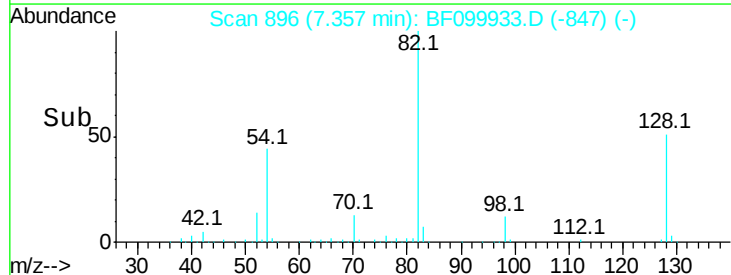
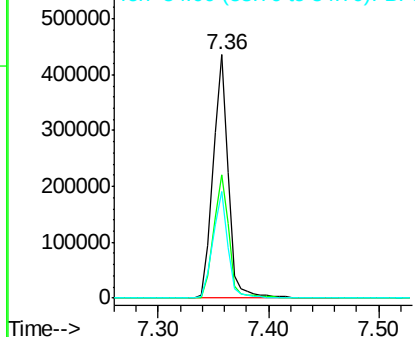


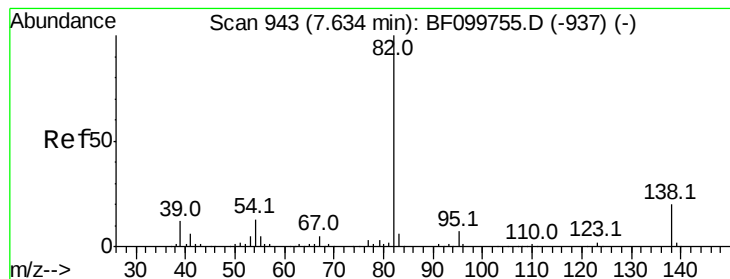
#23
Nitrobenzene-d5
Concen: 64.026 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099933.D
Acq: 28 Oct 2017 22:37

Tgt Ion:	82	Resp:	409040
Ion	Ratio	Lower	Upper
82	100		
128	50.8	36.1	54.1
54	43.6	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: 35.285 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF099933.D

Acq: 28 Oct 2017 22:37

Instrument :

BNA_F

ClientSampleId :

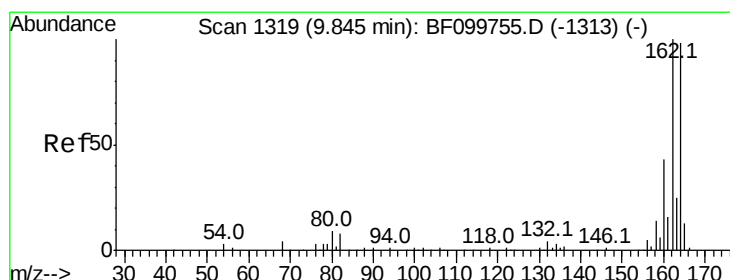
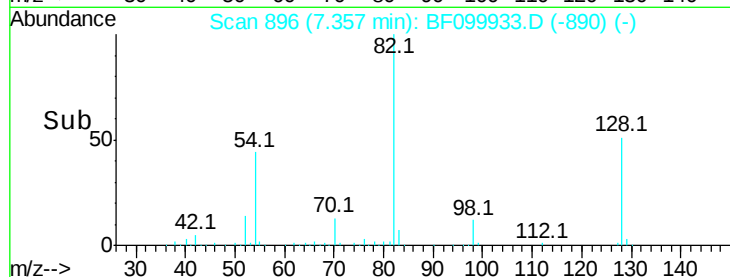
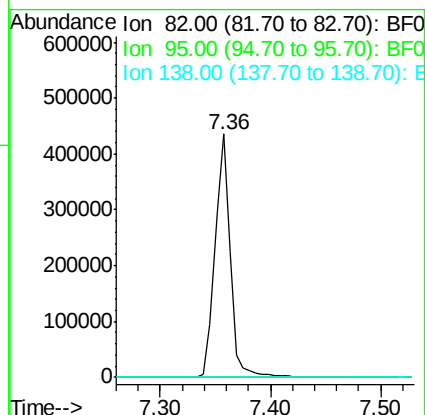
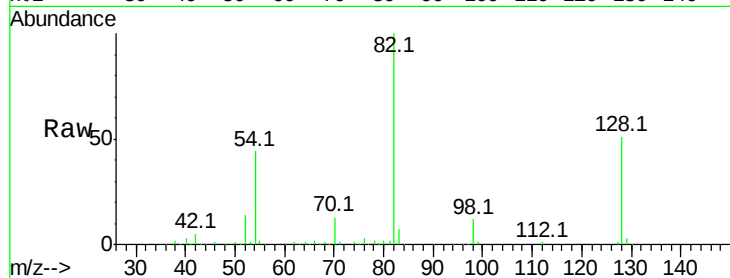
Tot Ion: 82 Resp: 409040

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF099933.D

Acq: 28 Oct 2017 22:37

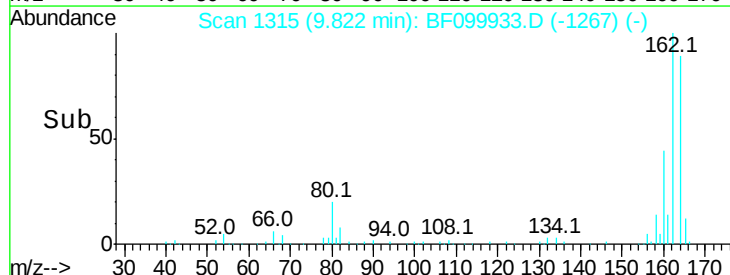
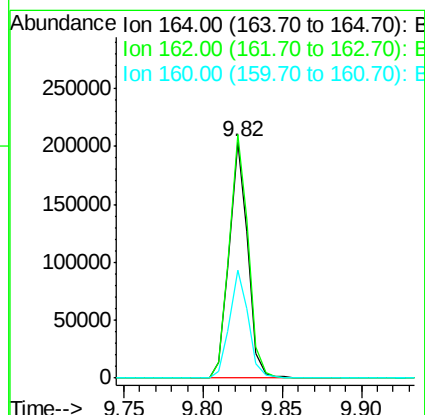
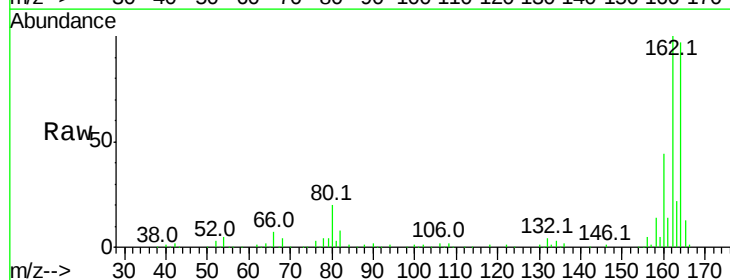
Tgt Ion:164 Resp: 164853

Ion Ratio Lower Upper

164 100

162 103.0 86.1 129.1

160 45.4 38.3 57.5

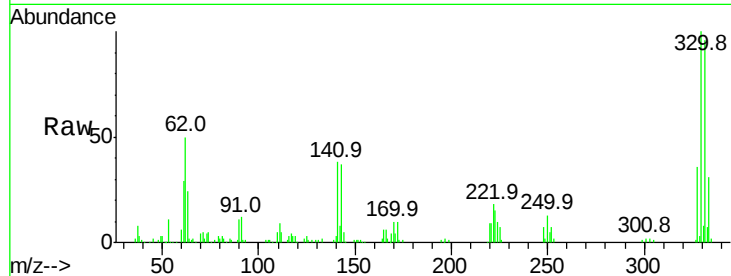




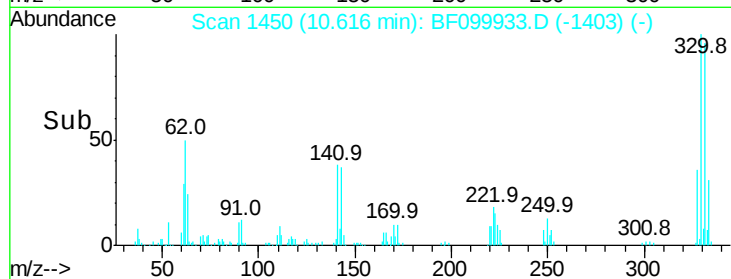
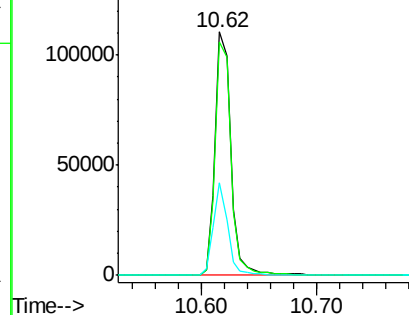
#41
 2,4,6-Tribromophenol
 Concen: 70.602 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.02 min
 Lab File: BF099933.D
 Acq: 28 Oct 2017 22:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	34.4	29.9	44.9

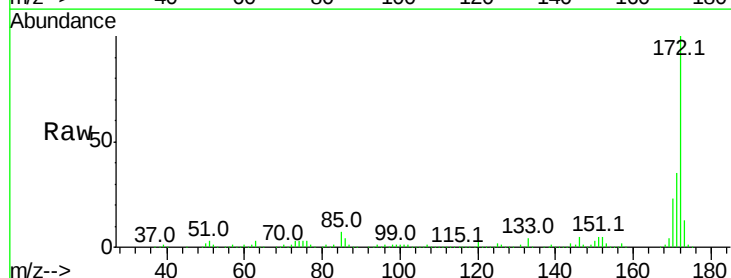


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

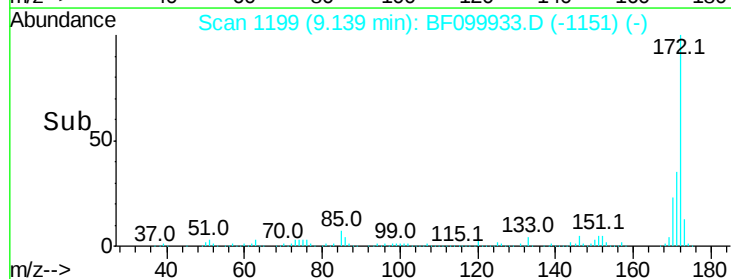
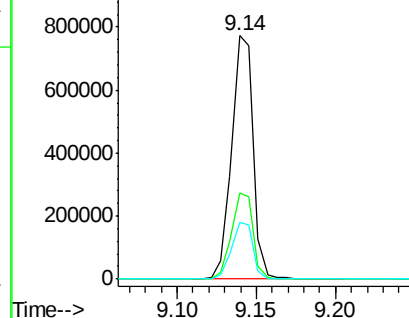


#44
 2-Fluorobiphenyl
 Concen: 68.042 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.02 min
 Lab File: BF099933.D
 Acq: 28 Oct 2017 22:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.3	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

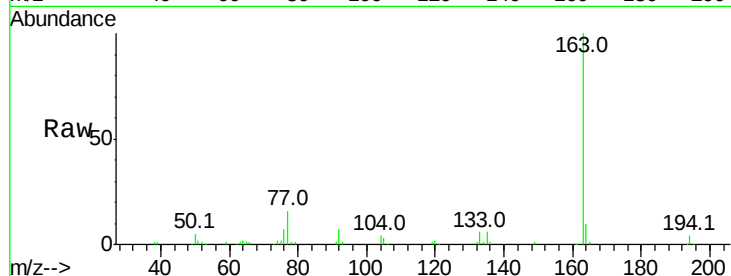




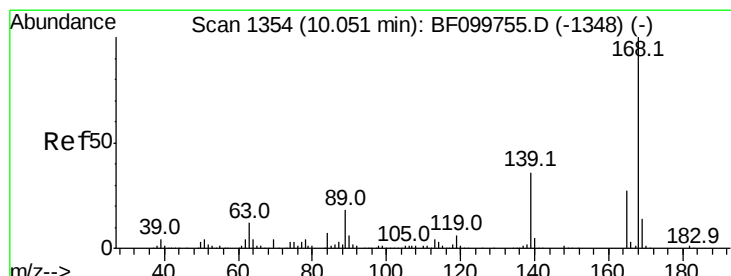
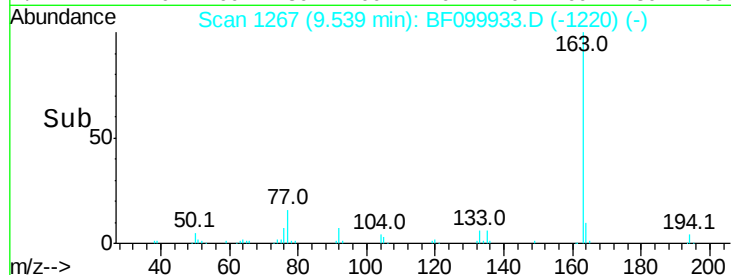
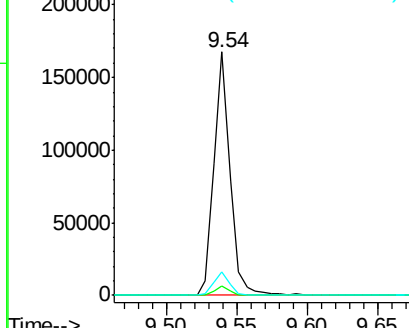
#49
Dimethylphthalate
Concen: 10.197 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF099933.D
Acq: 28 Oct 2017 22:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 133119
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.9 8.2 12.2

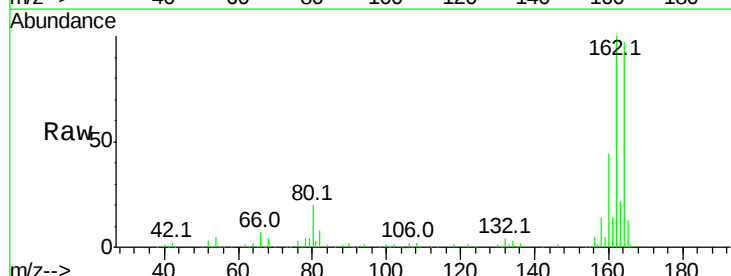


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

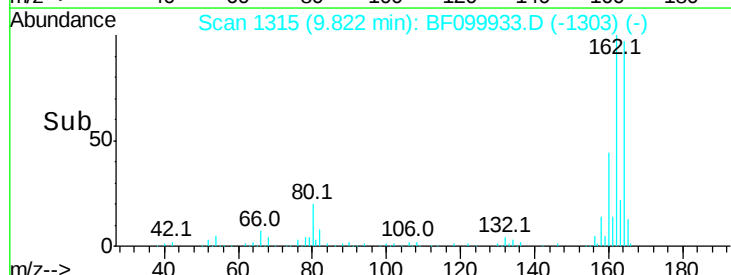
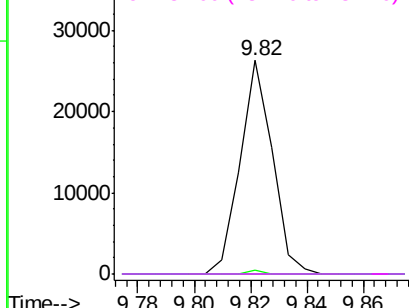


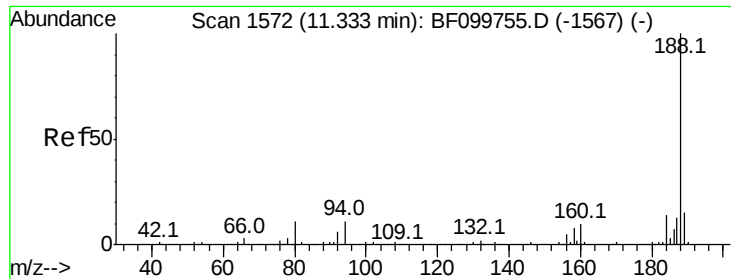
#56
2,4-Dinitrotoluene
Concen: 6.308 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.23 min
Lab File: BF099933.D
Acq: 28 Oct 2017 22:37

Tgt Ion:165 Resp: 20849
Ion Ratio Lower Upper
165 100
63 1.5 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): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

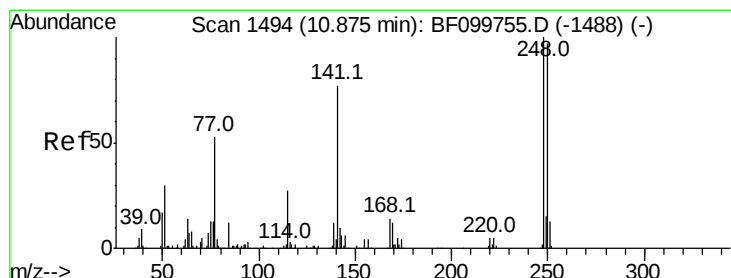
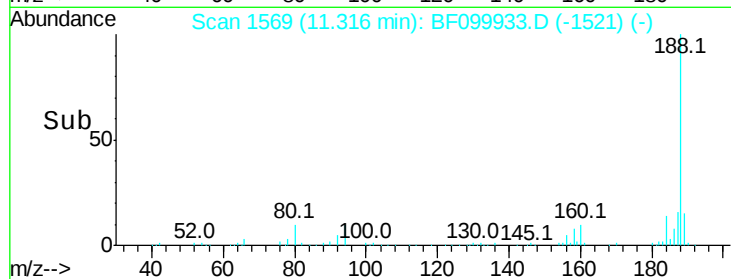
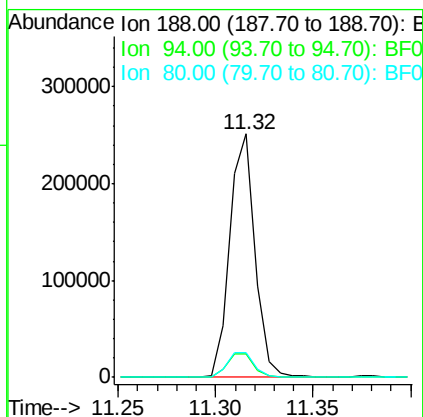
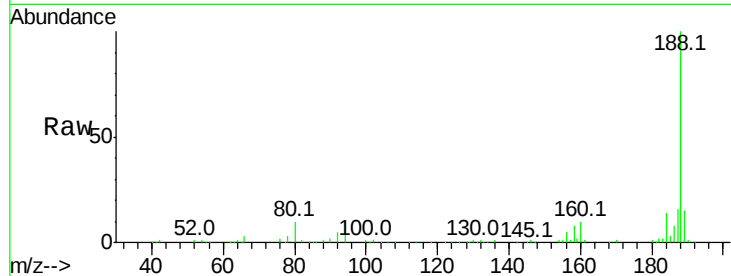




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.02 min
 Lab File: BF099933.D
 Acq: 28 Oct 2017 22:37

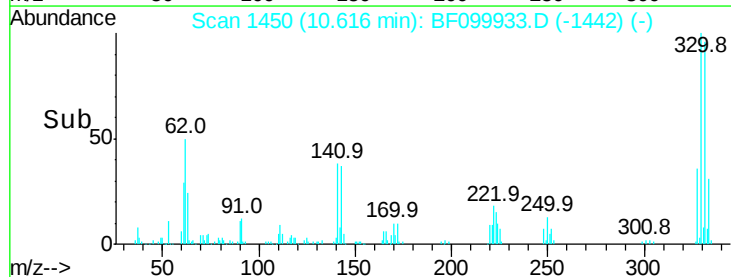
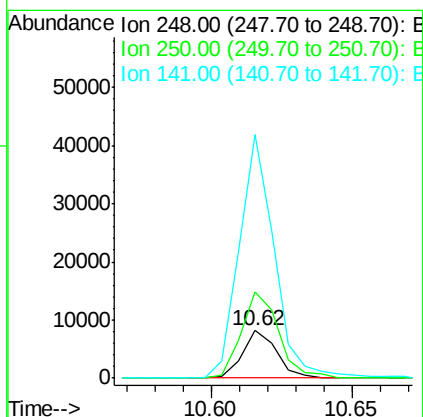
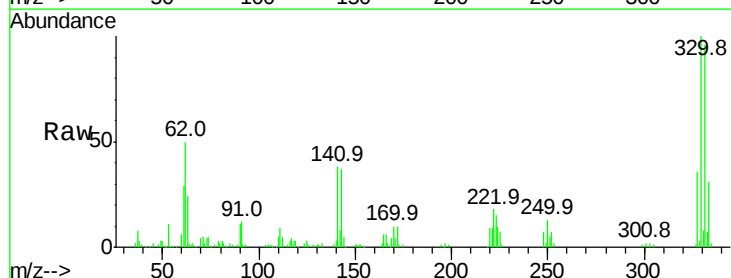
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 225901
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.5 12.7
 80 10.0 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 2.860 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.25 min
 Lab File: BF099933.D
 Acq: 28 Oct 2017 22:37

Tgt Ion:248 Resp: 6801
 Ion Ratio Lower Upper
 248 100
 250 179.7 76.9 115.3#
 141 511.0 74.4 111.6#

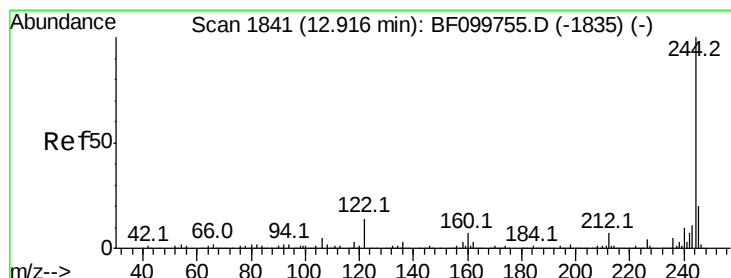
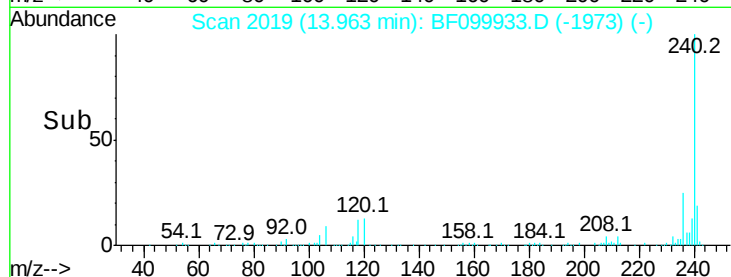
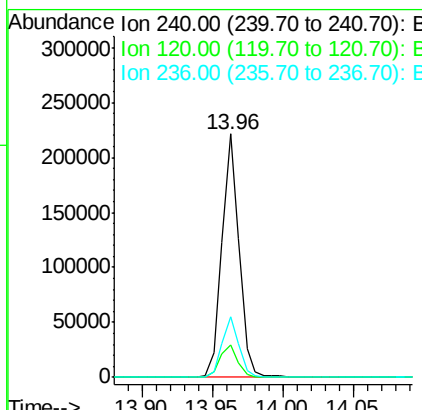
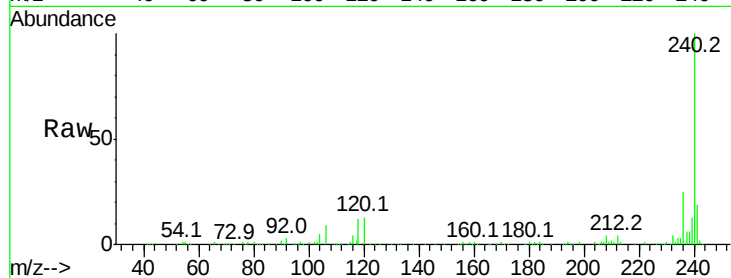




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.03 min
 Lab File: BF099933.D
 Acq: 28 Oct 2017 22:37

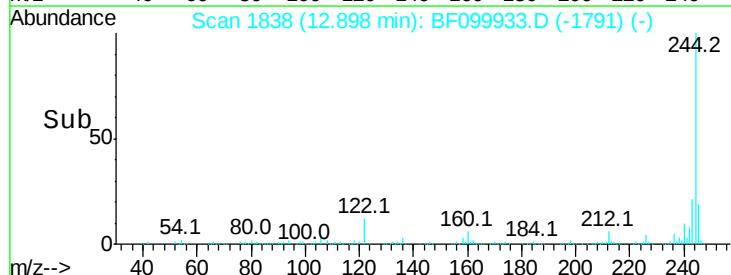
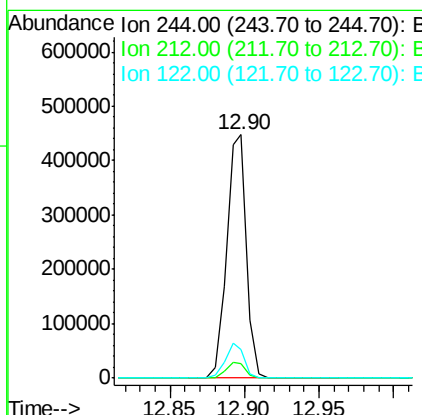
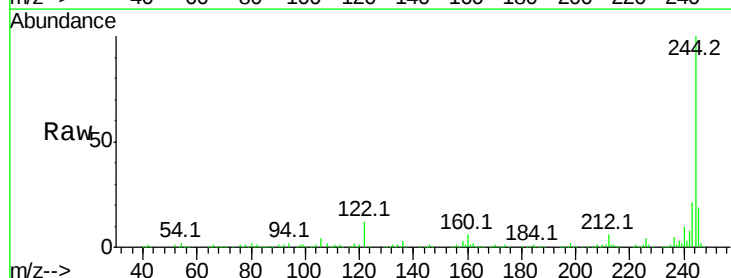
Instrument :
 BNA_F
 ClientSampleID :

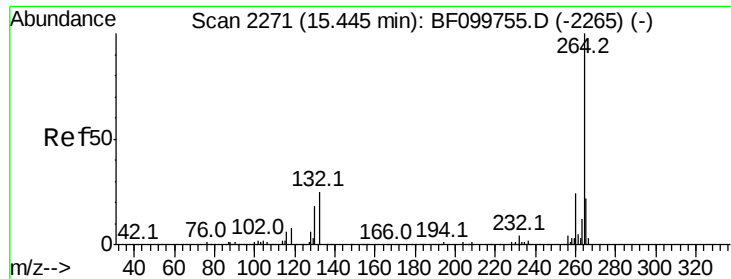
Tot Ion:240 Resp: 187835
 Ion Ratio Lower Upper
 240 100
 120 13.5 9.5 14.3
 236 25.0 20.7 31.1



#78
 Terphenyl-d14
 Concen: 48.669 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.02 min
 Lab File: BF099933.D
 Acq: 28 Oct 2017 22:37

Tgt Ion:244 Resp: 418314
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.4 8.0
 122 11.7 11.0 16.4

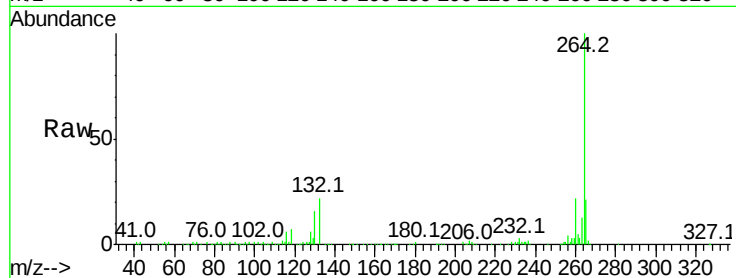




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.03 min
Lab File: BF099933.D
Acq: 28 Oct 2017 22:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	180476
Ion Ratio	Lower	Upper	
264	100		
260	22.5	19.2	28.8
265	20.8	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

