

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
 Data File : BF100214.D
 Acq On : 5 Nov 2017 7:45
 Operator : SJ/JU
 Sample : I6157-01RE
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 23:58:48 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

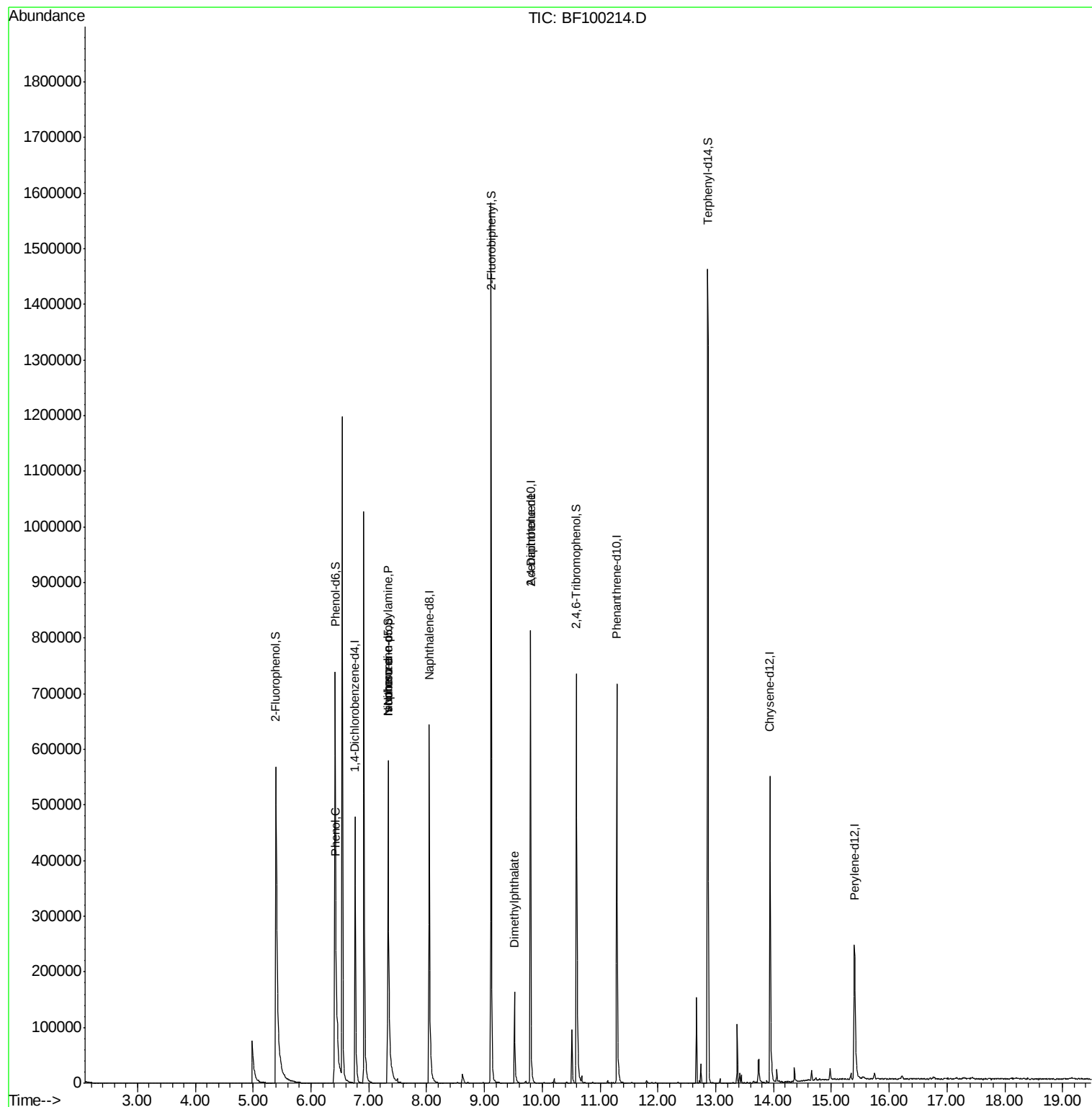
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	92010	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	383035	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	180972	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	337014	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	225627	20.00	ng	-0.01
86) Perylene-d12	15.40	264	153496	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	389867	66.52	ng	0.00
7) Phenol-d6	6.42	99	484623	69.74	ng	-0.01
23) Nitrobenzene-d5	7.33	82	295126	49.60	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	110348	66.91	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	554863	47.30	ng	-0.01
78) Terphenyl-d14	12.86	244	500558	48.48	ng	-0.02
Target Compounds						
10) Phenol	6.43	94	20254	2.655	ng	# 72
19) n-Nitroso-di-n-propylamine	7.33	70	35967	8.832	ng	# 77
25) Isophorone	7.33	82	295126	27.337	ng	# 64
49) Dimethylphthalate	9.52	163	100707	7.027	ng	100
56) 2,4-Dinitrotoluene	9.80	165	22537	6.211	ng	# 21

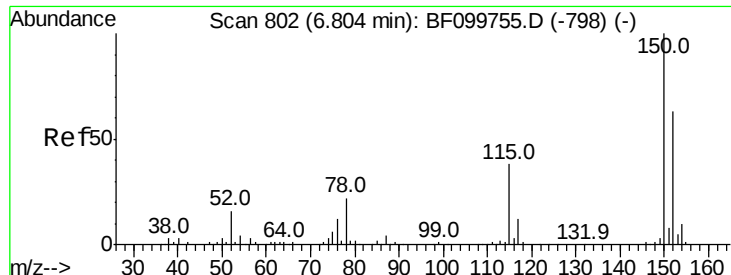
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
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QLast Update : Fri Nov 03 15:46:10 2017
Response via : Initial Calibration



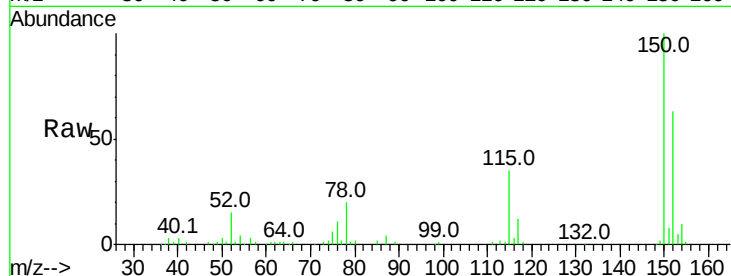


#1

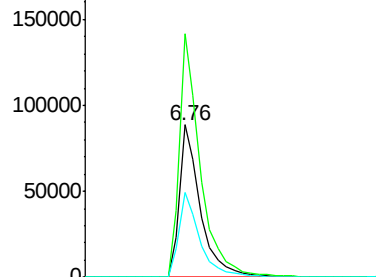
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF100214.D
Acq: 5 Nov 2017 7:45

Instrument :
BNA_F
ClientSampleId :

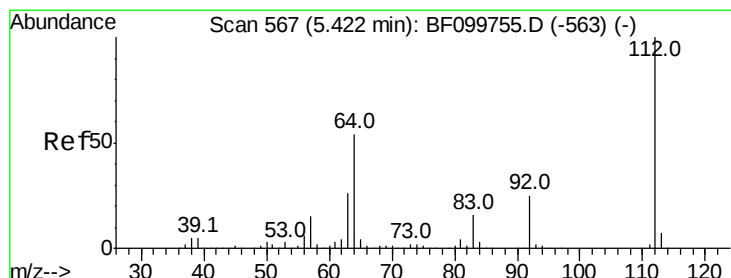
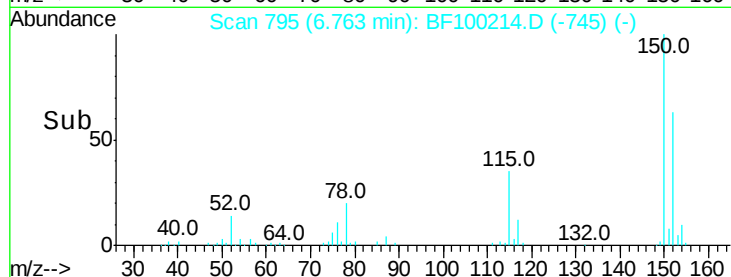
Tot Ion:152 Resp: 92010
Ion Ratio Lower Upper
152 100
150 159.6 124.6 186.8
115 56.0 50.1 75.1



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



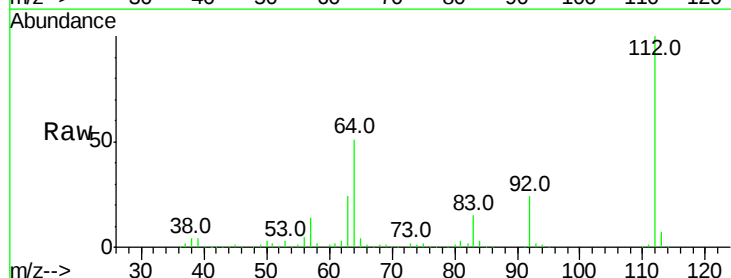
Time-->



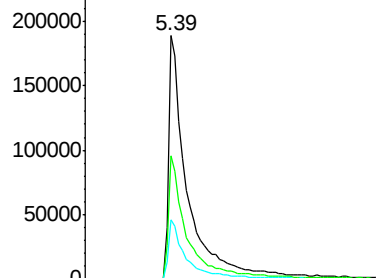
#5

2-Fluorophenol
Concen: 66.523 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF100214.D
Acq: 5 Nov 2017 7:45

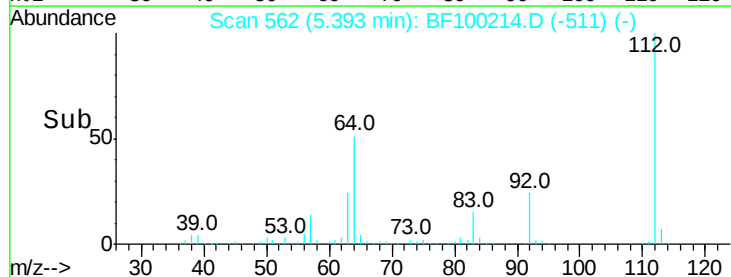
Tgt Ion:112 Resp: 389867
Ion Ratio Lower Upper
112 100
64 50.8 47.9 71.9
63 24.3 23.7 35.5

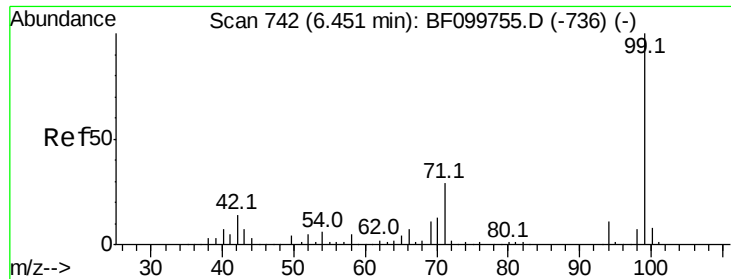


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



Time-->





#7

Phenol-d6

Concen: 69.739 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100214.D

Acq: 5 Nov 2017 7:45

Instrument :

BNA_F

ClientSampleId :

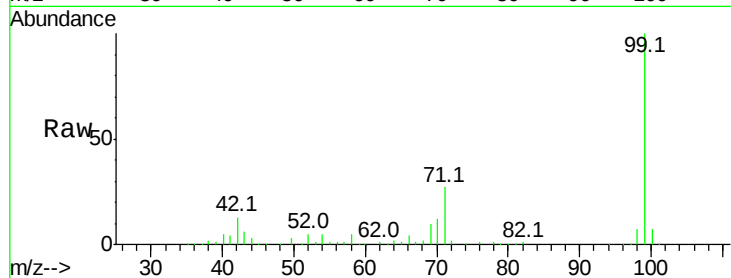
Tot Ion: 99 Resp: 484623

Ion Ratio Lower Upper

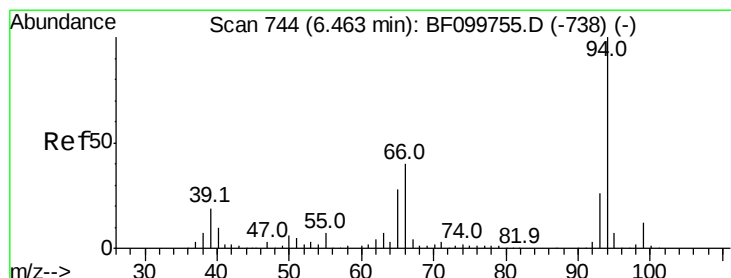
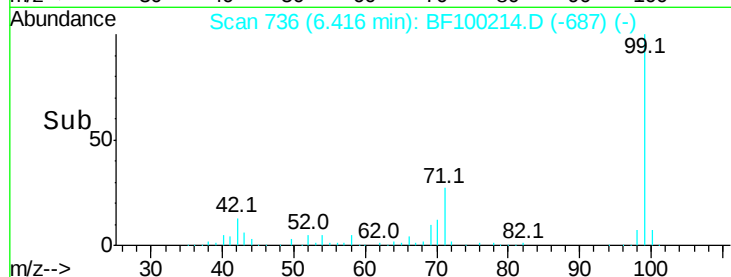
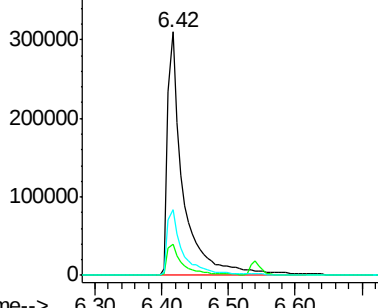
99 100

42 12.9 14.5 21.7#

71 27.2 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



#10

Phenol

Concen: 2.655 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF100214.D

Acq: 5 Nov 2017 7:45

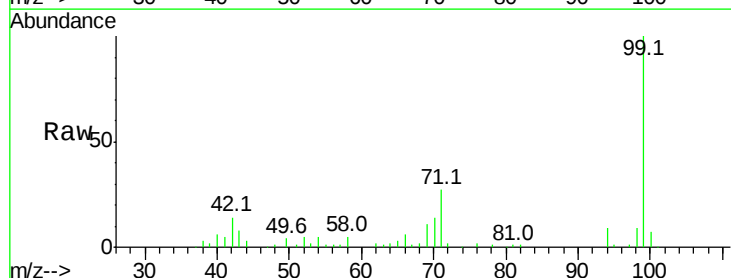
Tgt Ion: 94 Resp: 20254

Ion Ratio Lower Upper

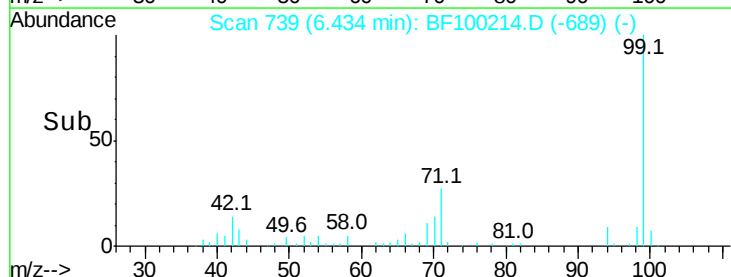
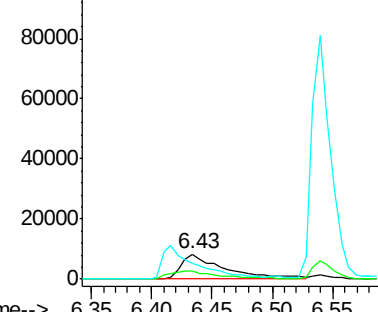
94 100

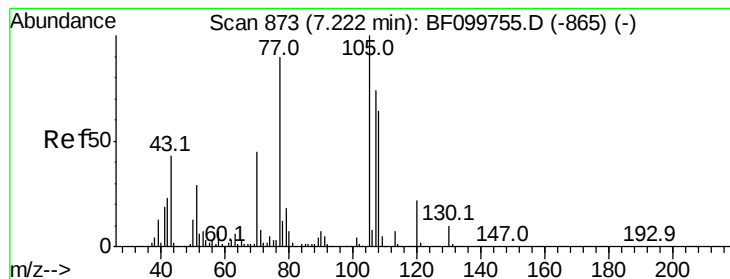
65 30.2 7.9 47.9

66 63.9 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 8.832 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.14 min

Lab File: BF100214.D

Acq: 5 Nov 2017 7:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 35967

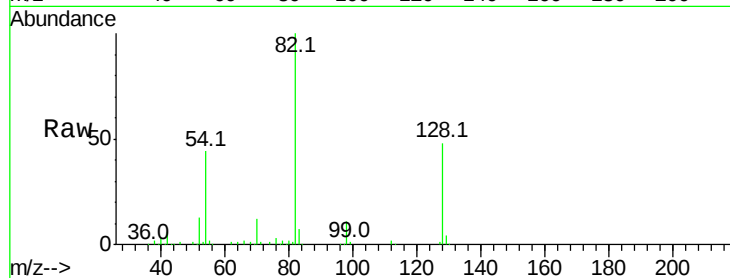
Ion Ratio Lower Upper

70 100

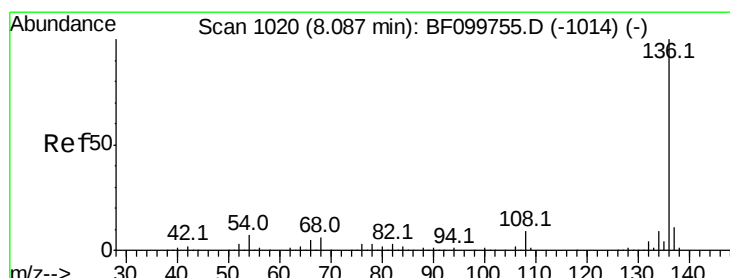
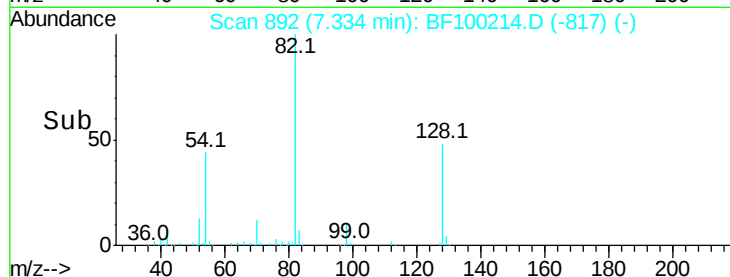
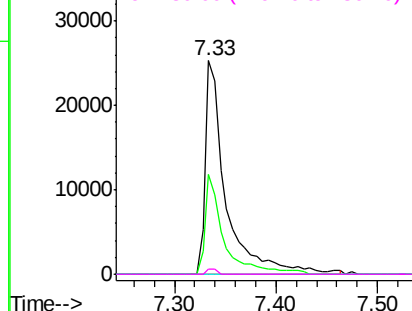
42 46.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF100214.D

Acq: 5 Nov 2017 7:45

Tgt Ion: 136 Resp: 383035

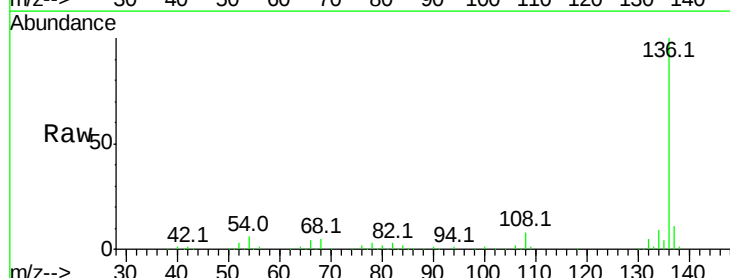
Ion Ratio Lower Upper

136 100

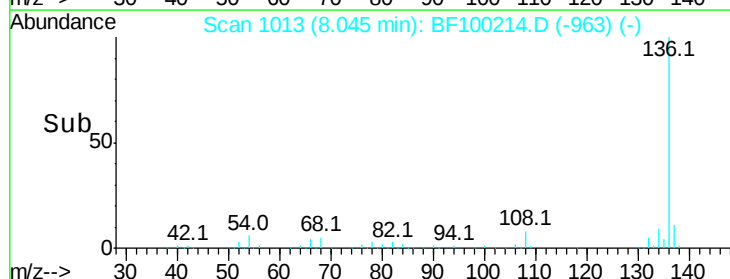
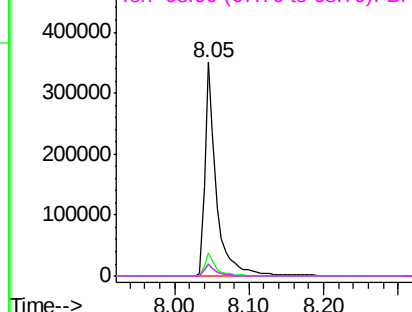
137 11.1 8.9 13.3

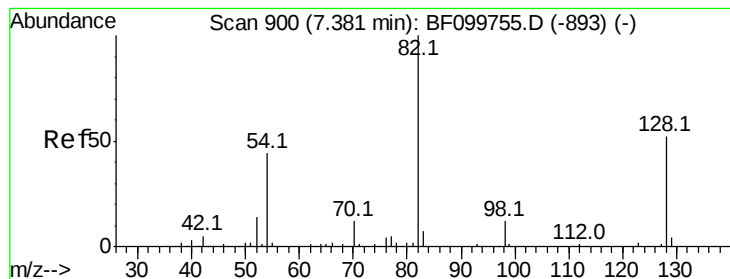
54 6.1 6.6 9.8#

68 5.3 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): BF1
Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 49.605 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.02 min

Lab File: BF100214.D

Acq: 5 Nov 2017 7:45

Instrument :

BNA_F

ClientSampleId :

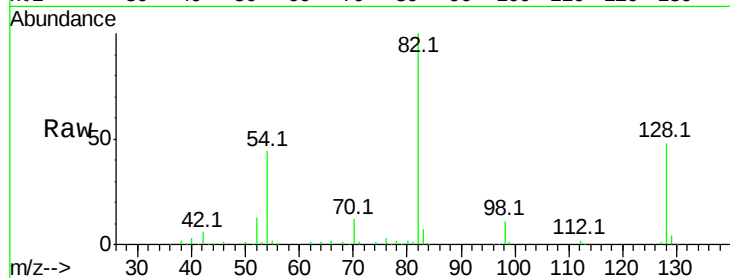
Tot Ion: 82 Resp: 295126

Ion Ratio Lower Upper

82 100

128 48.1 36.1 54.1

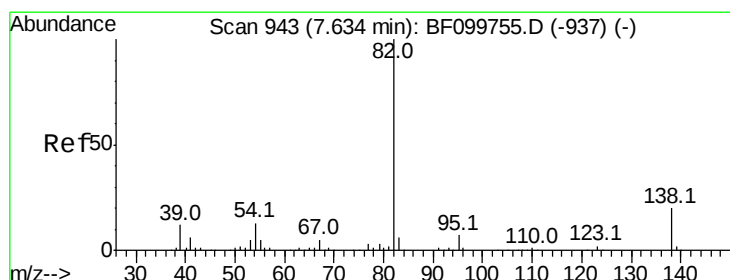
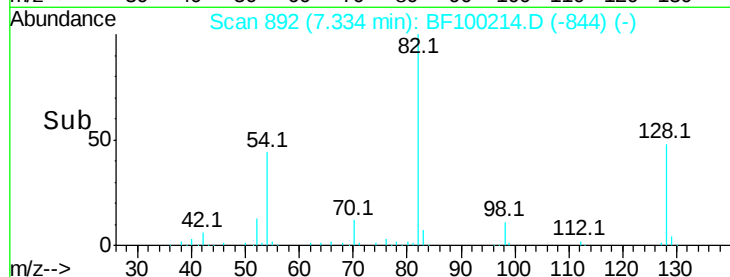
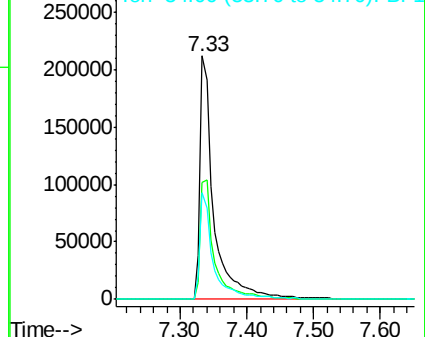
54 43.7 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 27.337 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.26 min

Lab File: BF100214.D

Acq: 5 Nov 2017 7:45

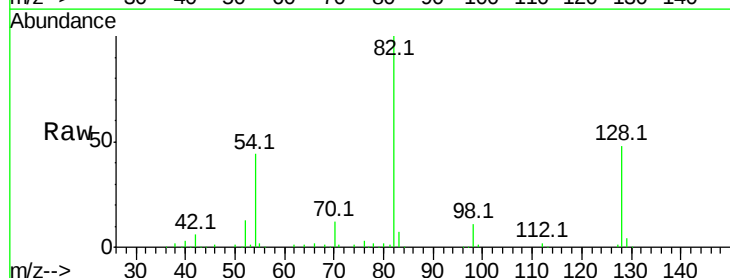
Tgt Ion: 82 Resp: 295126

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

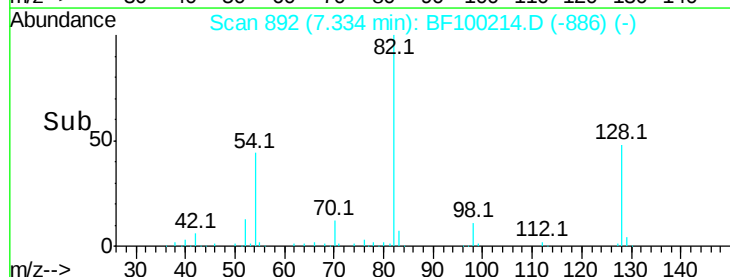
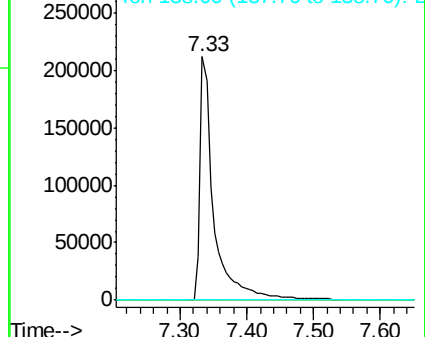
138 0.0 14.9 22.3#

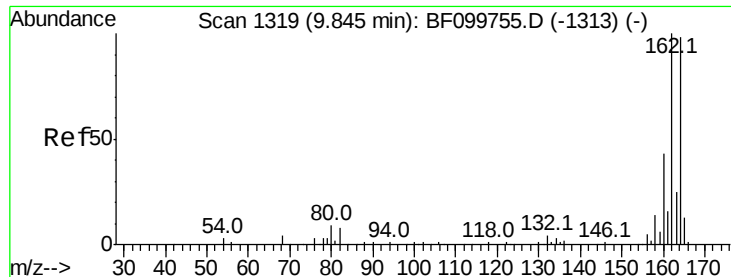


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

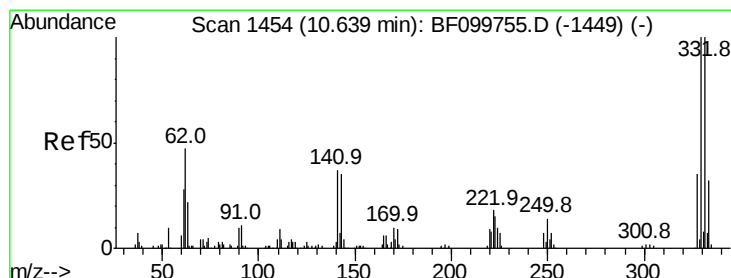
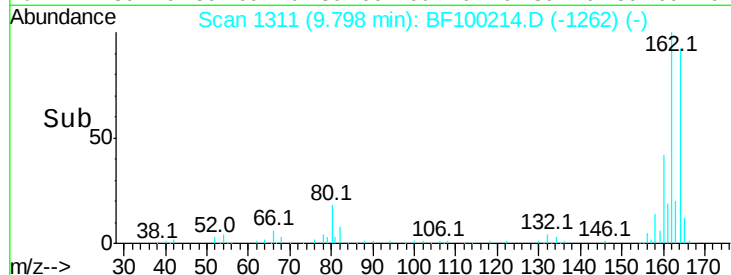
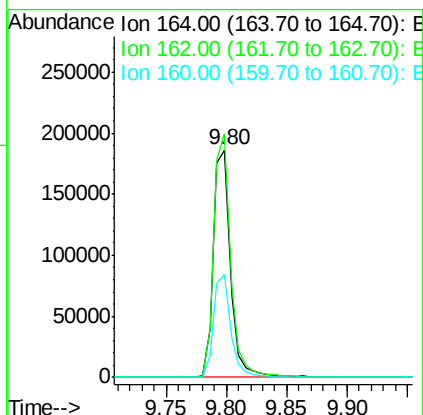
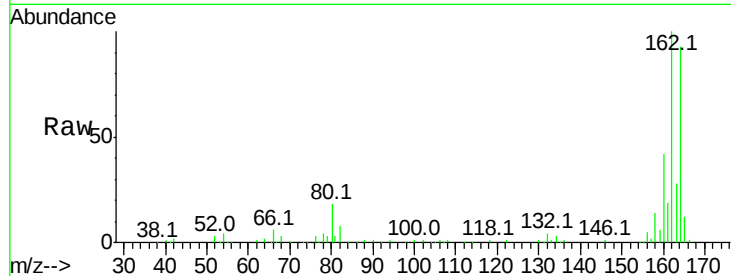




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF100214.D
Acq: 5 Nov 2017 7:45

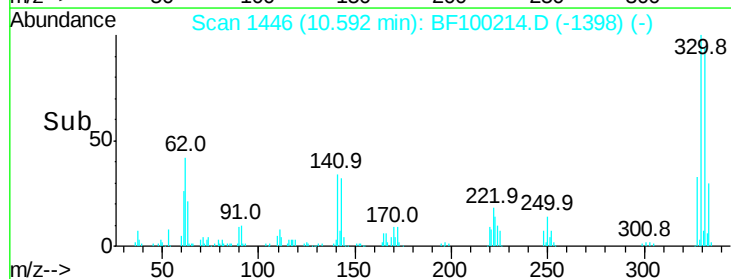
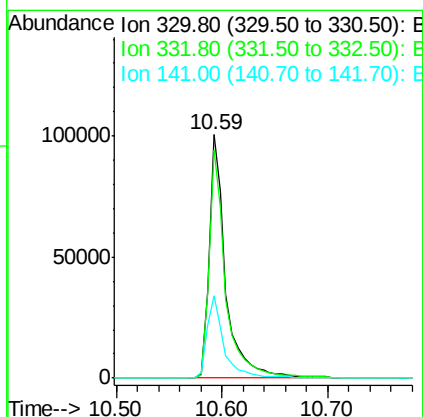
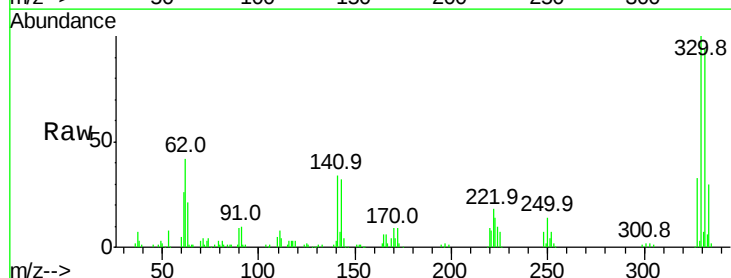
Instrument :
BNA_F
ClientSampleId :

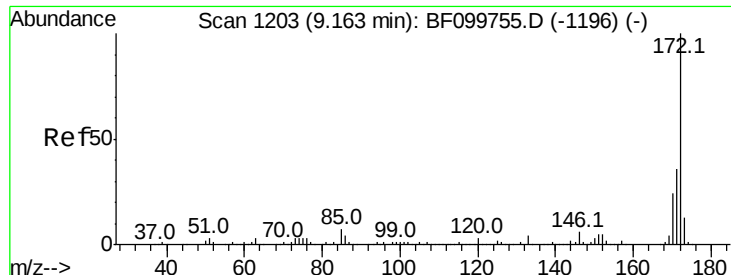
Tot Ion:164 Resp: 180972
Ion Ratio Lower Upper
164 100
162 107.2 86.1 129.1
160 45.4 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 66.909 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BF100214.D
Acq: 5 Nov 2017 7:45

Tgt Ion:330 Resp: 110348
Ion Ratio Lower Upper
330 100
332 93.7 77.0 115.6
141 34.3 29.9 44.9

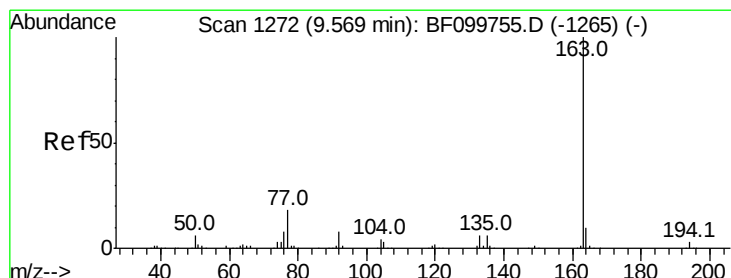
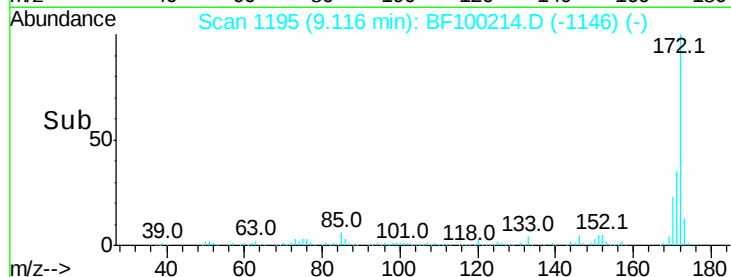
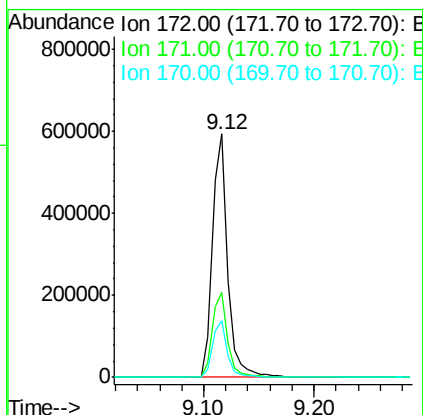
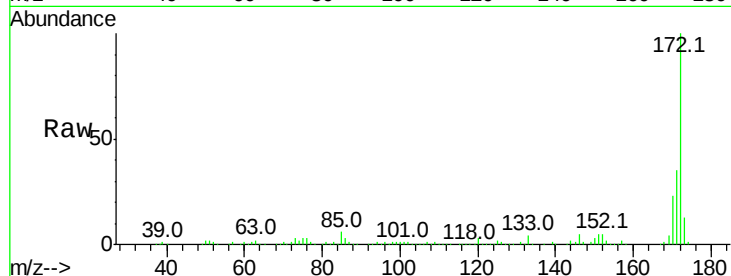




#44
2-Fluorobiphenyl
Concen: 47.304 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF100214.D
Acq: 5 Nov 2017 7:45

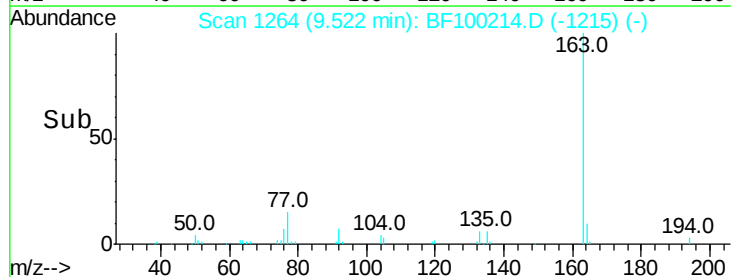
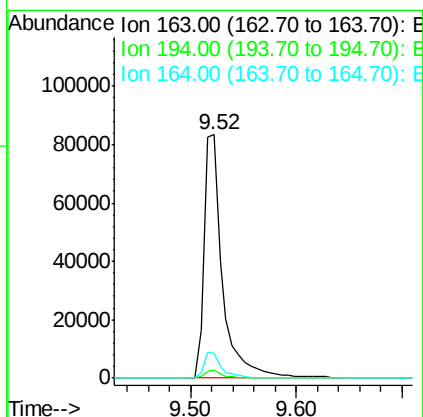
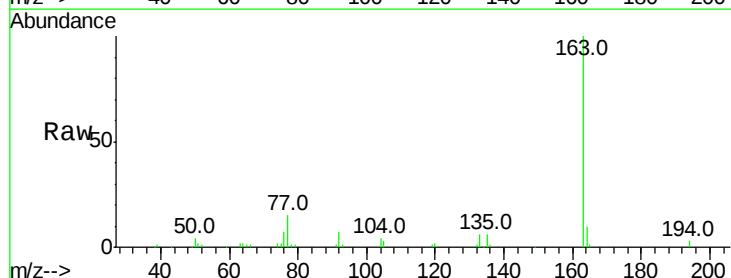
Instrument :
BNA_F
ClientSampleId :

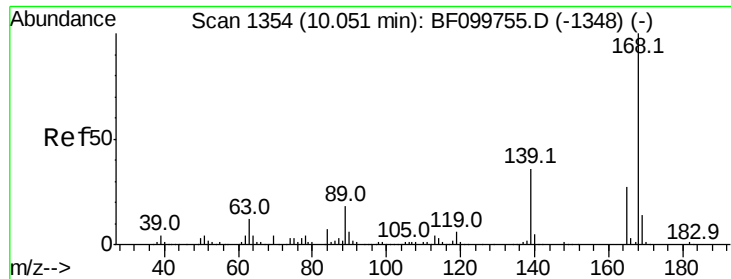
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	23.2	19.6	29.4



#49
Dimethylphthalate
Concen: 7.027 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF100214.D
Acq: 5 Nov 2017 7:45

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.1	8.2	12.2

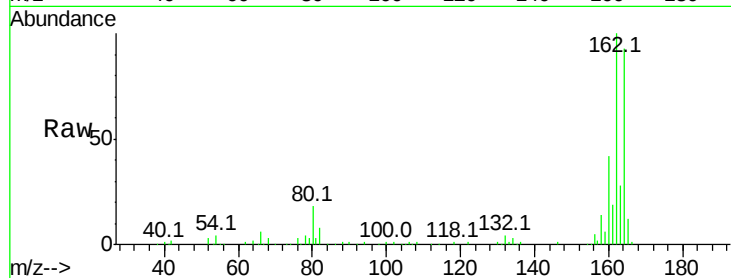




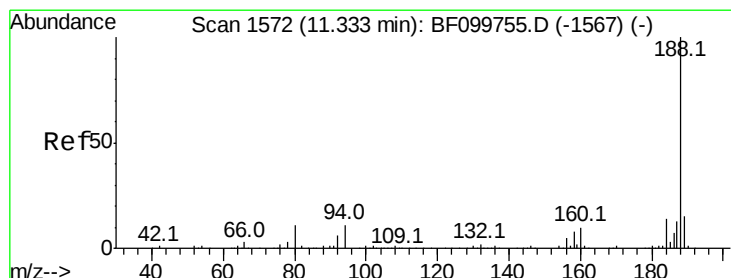
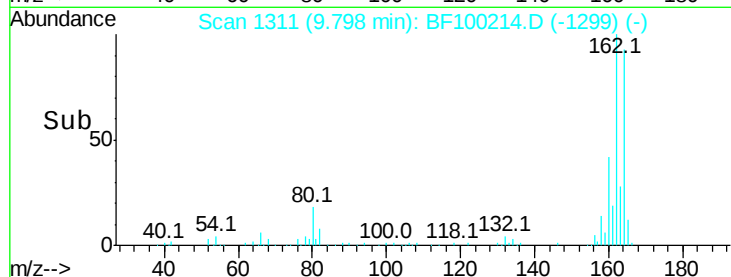
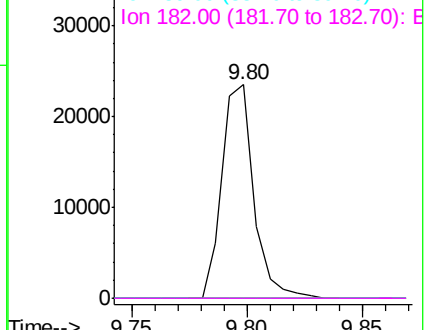
#56
 2,4-Dinitrotoluene
 Concen: 6.211 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.23 min
 Lab File: BF100214.D
 Acq: 5 Nov 2017 7:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 22537
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 0.0 57.8 86.6#
 182 0.0 1.6 2.4#

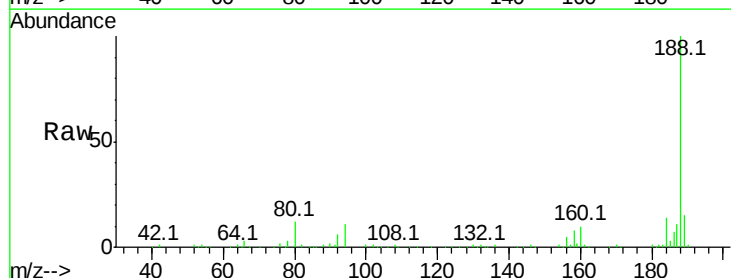


Abundance Ion 165.00 (164.70 to 165.70): E

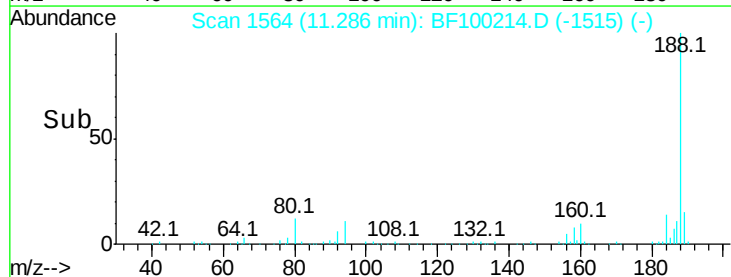
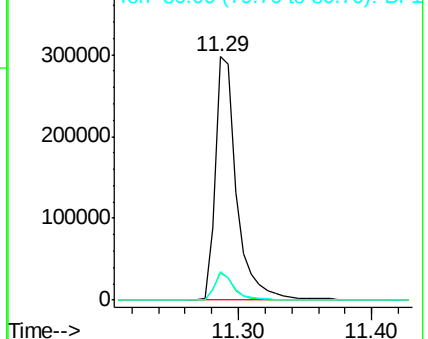


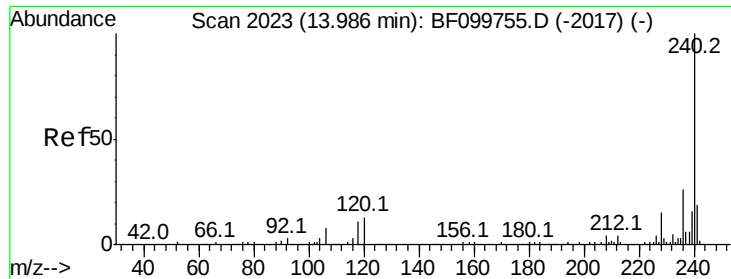
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF100214.D
 Acq: 5 Nov 2017 7:45

Tgt Ion:188 Resp: 337014
 Ion Ratio Lower Upper
 188 100
 94 11.0 8.5 12.7
 80 11.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

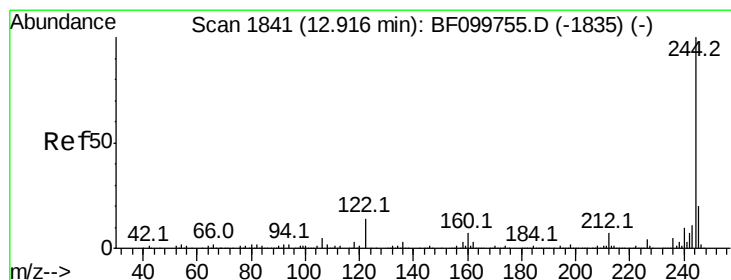
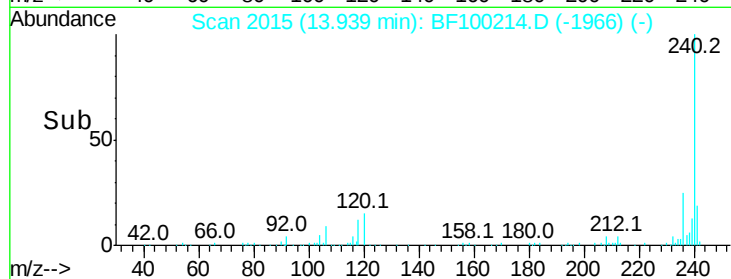
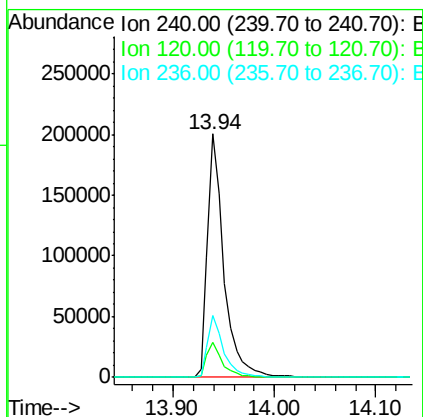
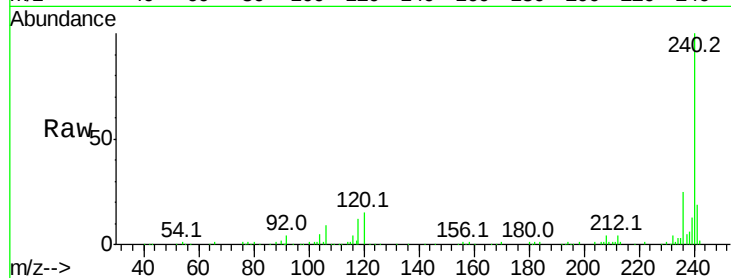




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF100214.D
 Acq: 5 Nov 2017 7:45

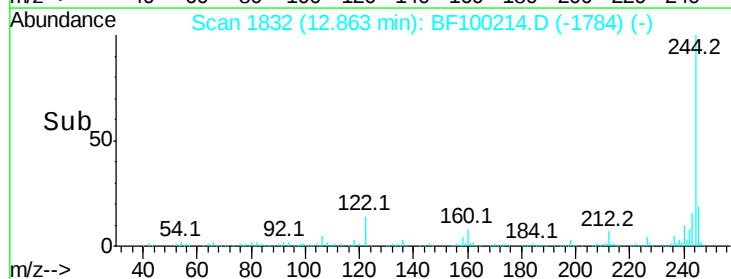
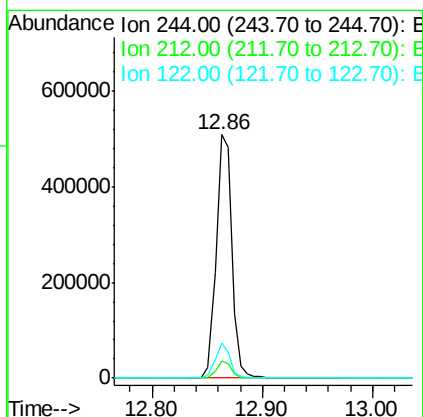
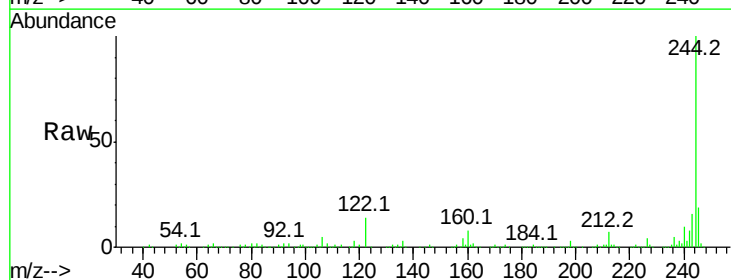
Instrument :
 BNA_F
 ClientSampleID :

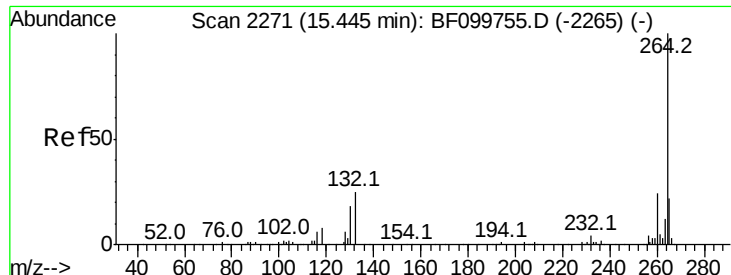
Tot Ion:240 Resp: 225627
 Ion Ratio Lower Upper
 240 100
 120 14.6 9.5 14.3#
 236 25.3 20.7 31.1



#78
 Terphenyl-d14
 Concen: 48.483 ng
 RT: 12.86 min Scan# 1832
 Delta R.T. -0.02 min
 Lab File: BF100214.D
 Acq: 5 Nov 2017 7:45

Tgt Ion:244 Resp: 500558
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 14.2 11.0 16.4

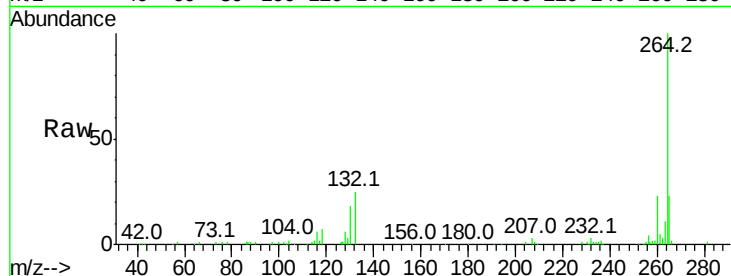




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2263
 Delta R.T. -0.01 min
 Lab File: BF100214.D
 Acq: 5 Nov 2017 7:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	22.9	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

