

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100087.D
 Acq On : 2 Nov 2017 16:19
 Operator : SJ/JU
 Sample : I6233-01 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 17:19:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

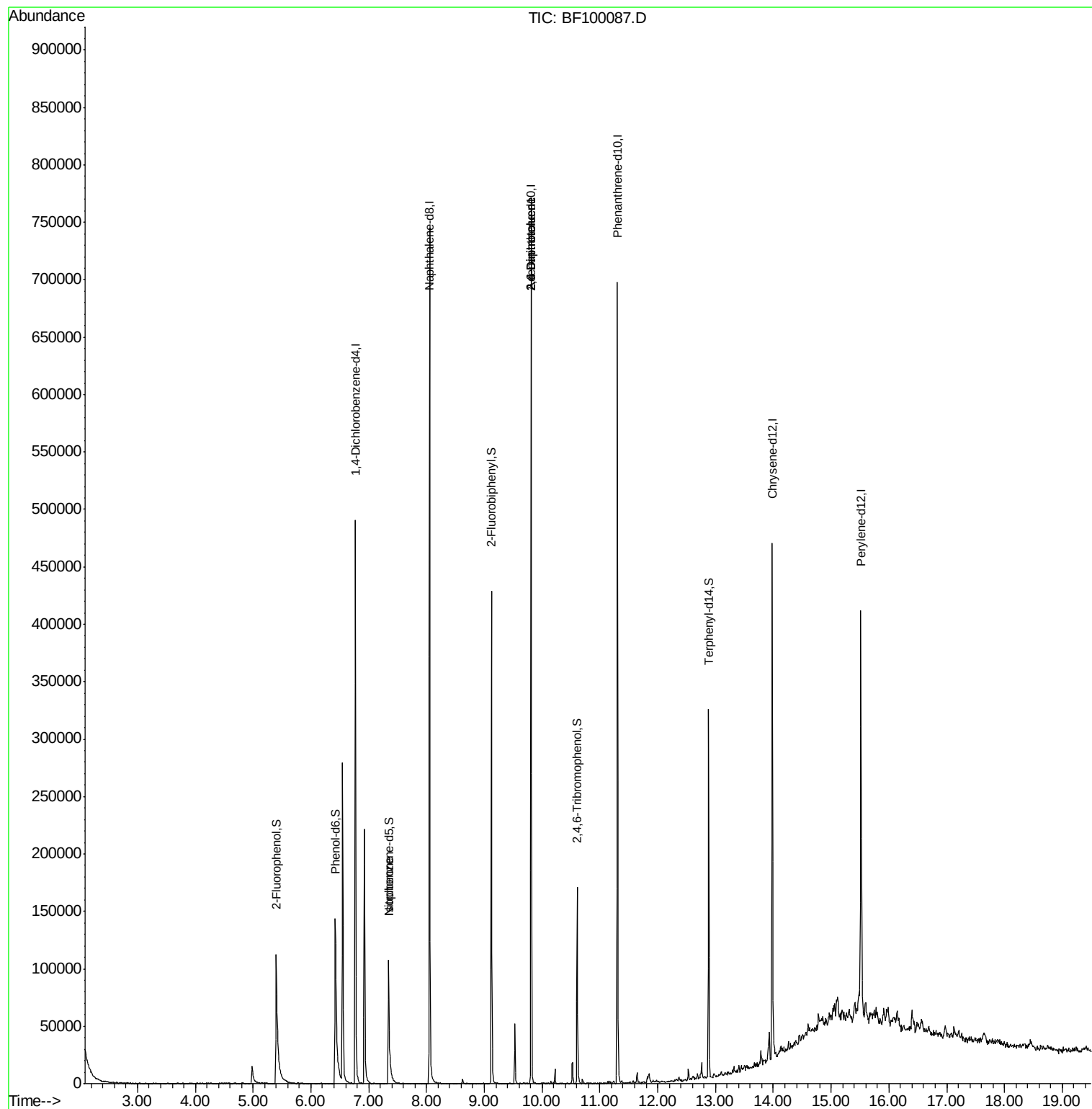
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	87369	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	355730	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	160818	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	270897	20.00	ng	0.00
75) Chrysene-d12	13.99	240	165412	20.00	ng	0.01
86) Perylene-d12	15.52	264	157179	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	88087	15.83	ng	0.00
7) Phenol-d6	6.42	99	113436	17.19	ng	0.00
23) Nitrobenzene-d5	7.35	82	58743	10.63	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	24343	16.61	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	147779	14.18	ng	-0.01
78) Terphenyl-d14	12.89	244	108602	14.35	ng	-0.01
Target Compounds						
25) Isophorone	7.35	82	58743	5.859	ng	# 64
50) 2,6-Dinitrotoluene	9.80	165	20279	7.574	ng	# 24
56) 2,4-Dinitrotoluene	9.80	165	20279	6.290	ng	# 21

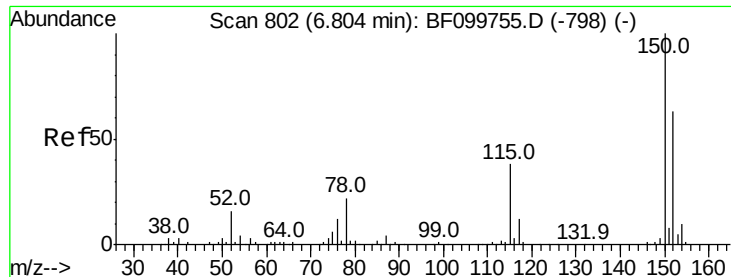
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 02 17:19:31 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 18:13:08 2017
Response via : Initial Calibration



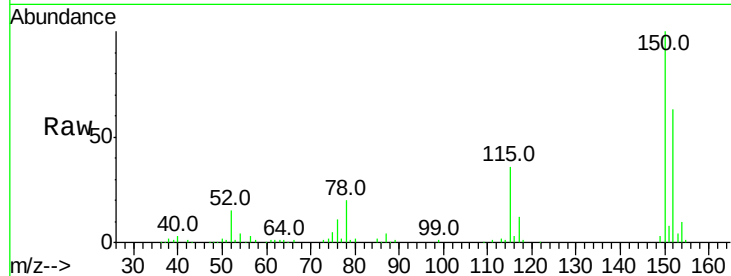


#1

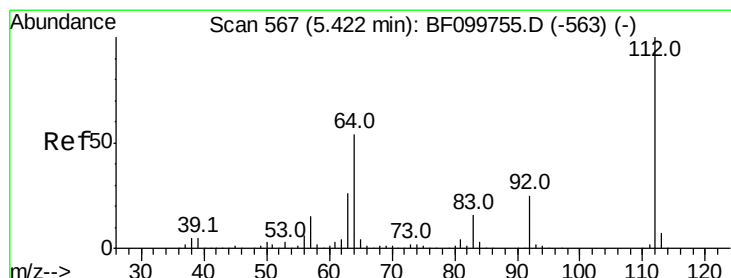
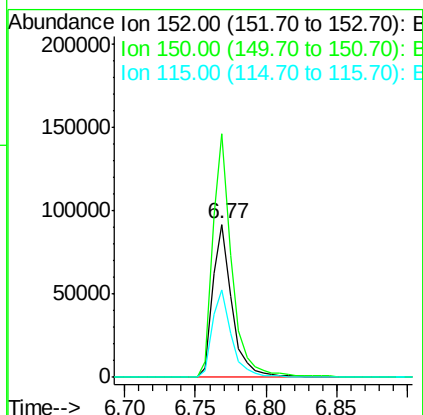
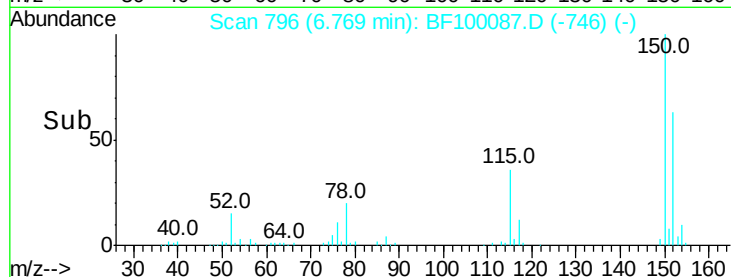
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF100087.D
 Acq: 2 Nov 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 87369
 Ion Ratio Lower Upper
 152 100
 150 158.8 124.6 186.8
 115 56.8 50.1 75.1



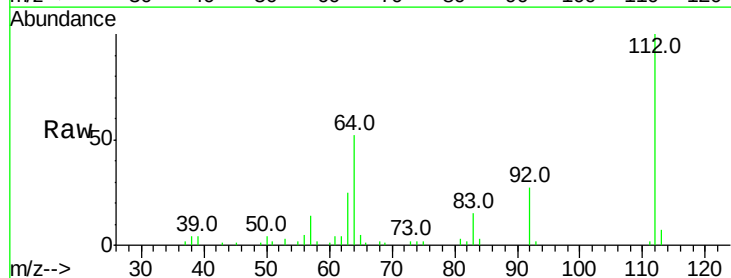
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



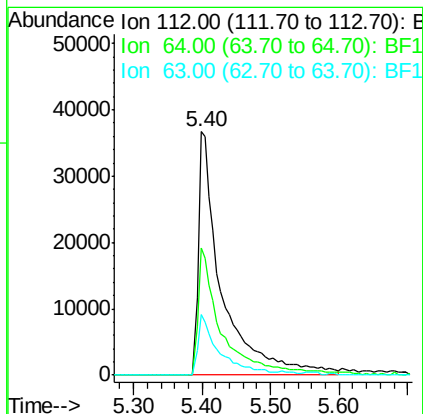
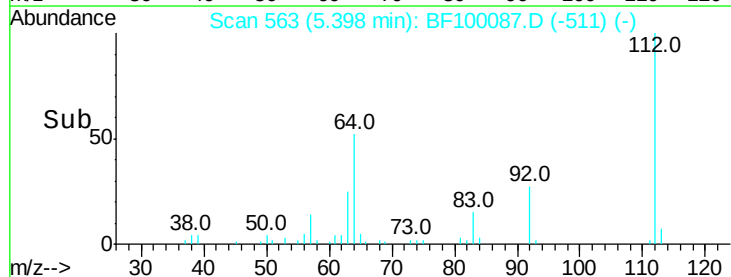
#5

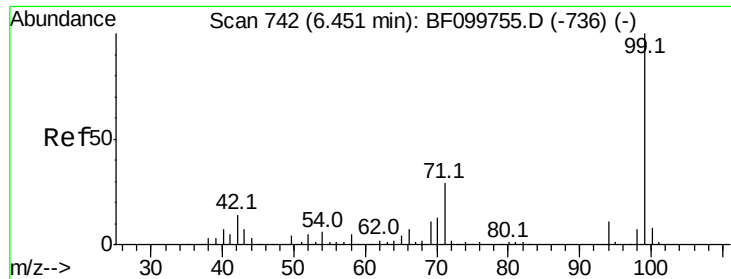
2-Fluorophenol
 Concen: 15.829 ng
 RT: 5.40 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: BF100087.D
 Acq: 2 Nov 2017 16:19

Tgt Ion:112 Resp: 88087
 Ion Ratio Lower Upper
 112 100
 64 52.0 47.9 71.9
 63 24.7 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: 17.191 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100087.D

Acq: 2 Nov 2017 16:19

Instrument :

BNA_F

ClientSampleId :

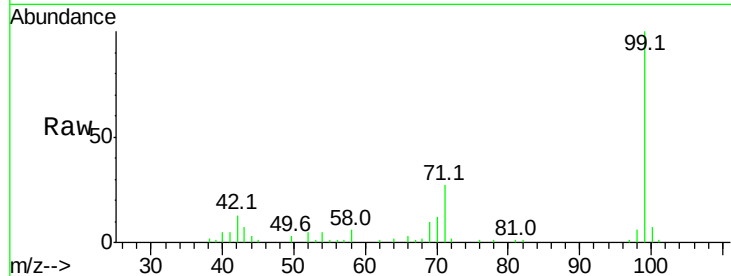
Tot Ion: 99 Resp: 113436

Ion Ratio Lower Upper

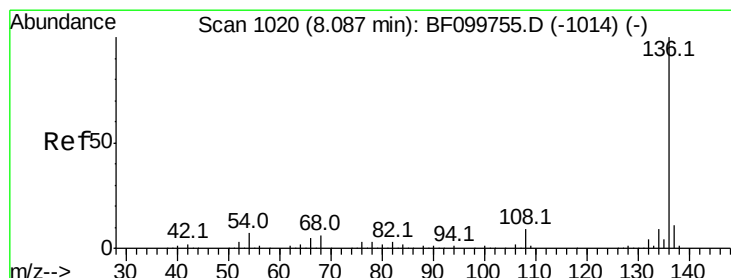
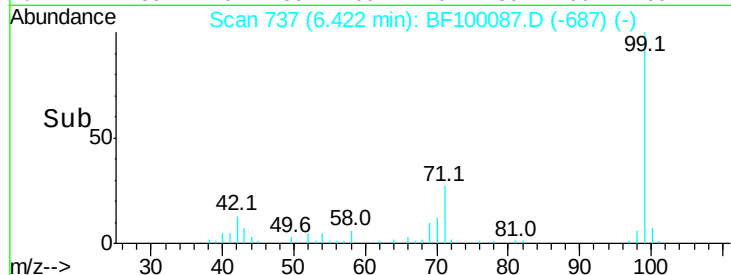
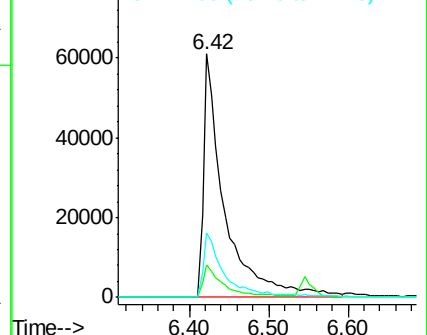
99 100

42 13.2 14.5 21.7#

71 26.5 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF100087.D

Acq: 2 Nov 2017 16:19

Tgt Ion: 136 Resp: 355730

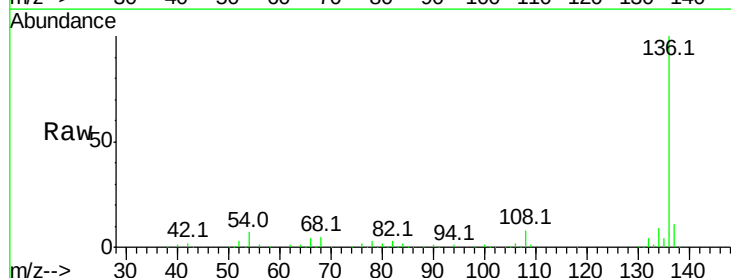
Ion Ratio Lower Upper

136 100

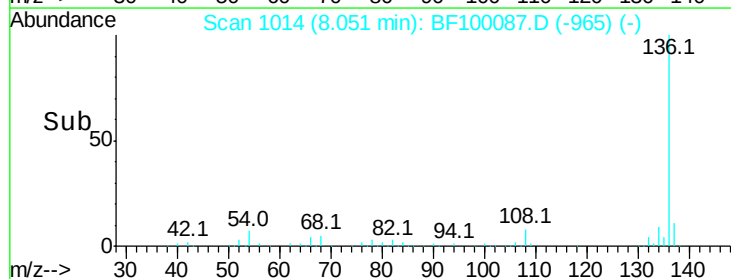
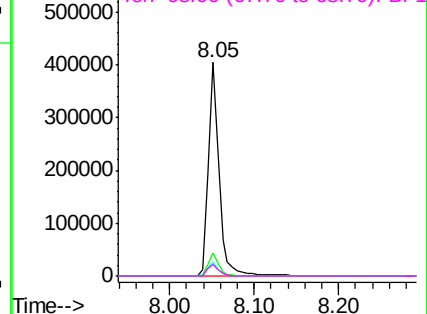
137 10.7 8.9 13.3

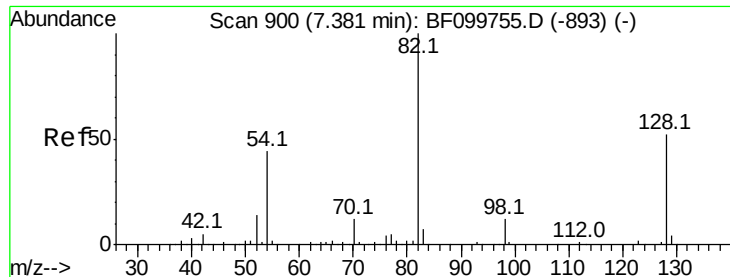
54 6.5 6.6 9.8#

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

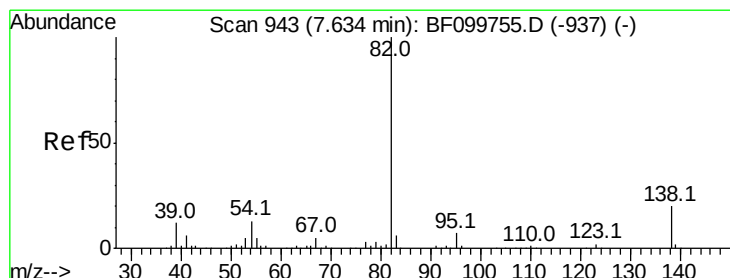
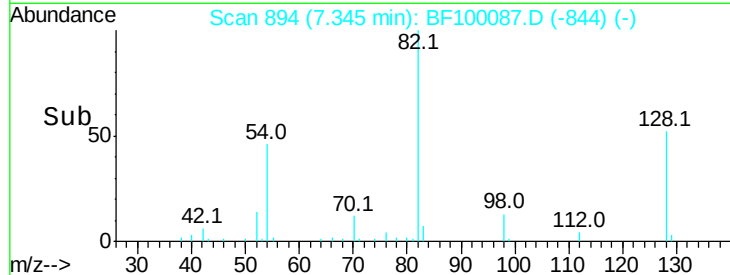
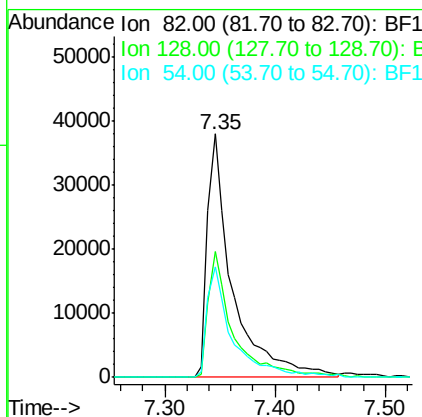
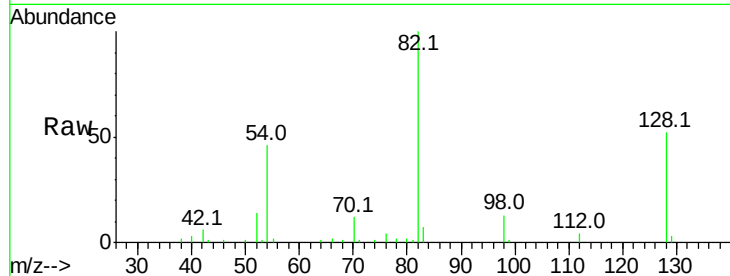




#23
 Nitrobenzene-d5
 Concen: 10.631 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF100087.D
 Acq: 2 Nov 2017 16:19

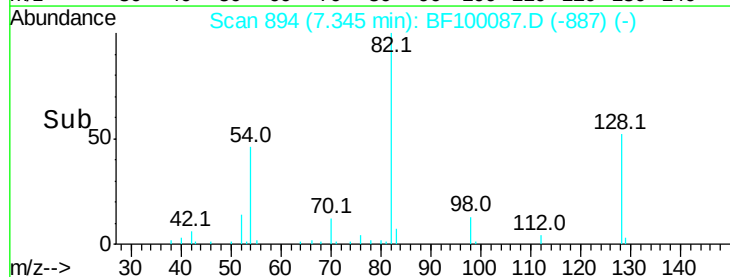
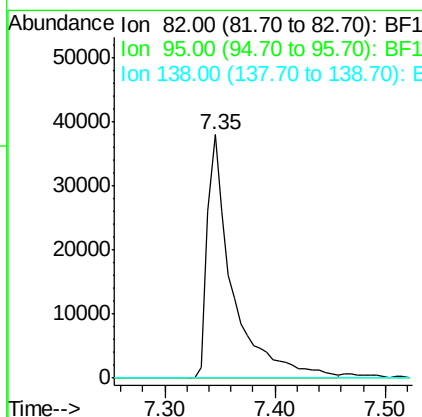
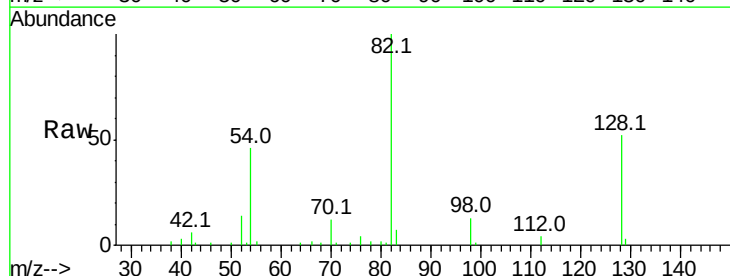
Instrument :
 BNA_F
 ClientSampleId :

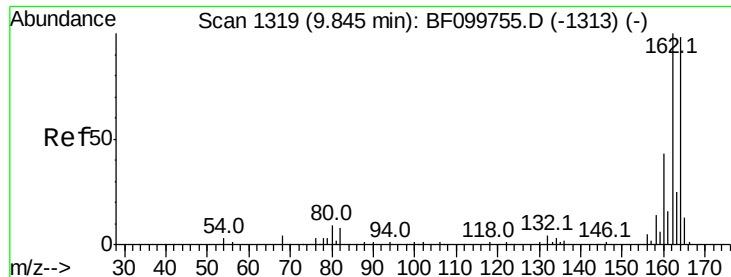
Tot Ion	Ratio	Lower	Upper
82	100		
128	51.8	36.1	54.1
54	45.6	41.4	62.2



#25
 Isophorone
 Concen: 5.859 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.26 min
 Lab File: BF100087.D
 Acq: 2 Nov 2017 16:19

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

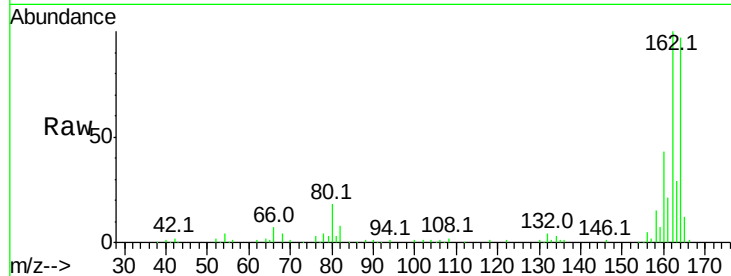




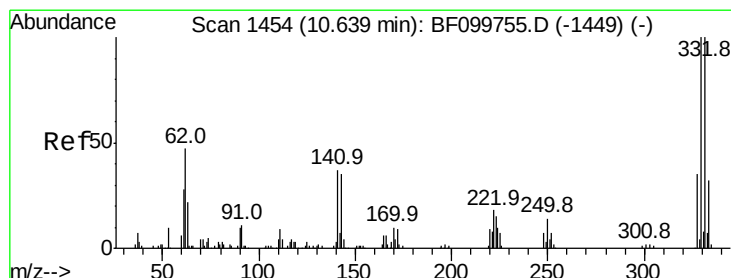
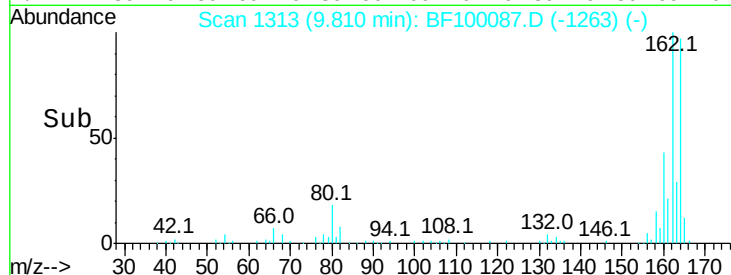
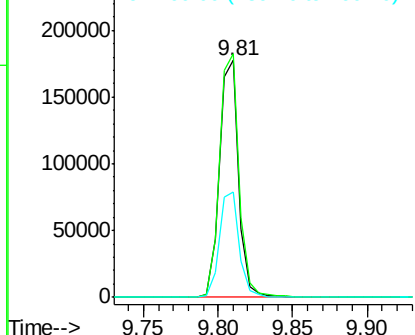
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF100087.D
 Acq: 2 Nov 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 160818
 Ion Ratio Lower Upper
 164 100
 162 102.8 86.1 129.1
 160 44.5 38.3 57.5

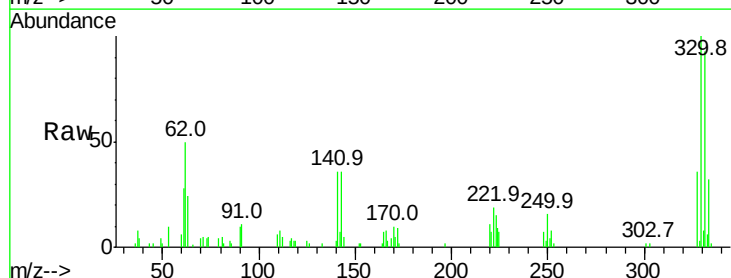


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

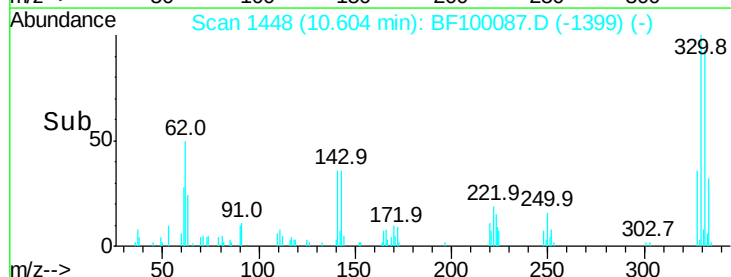
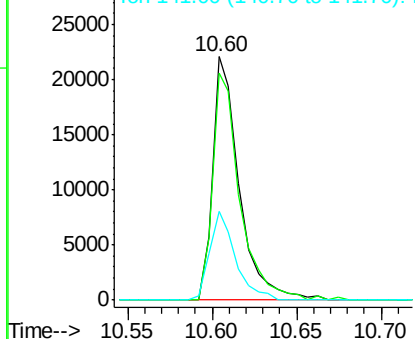


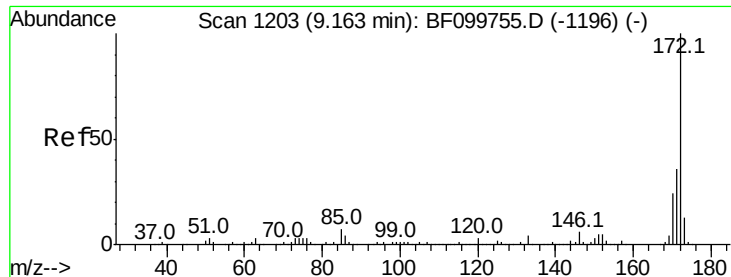
#41
 2,4,6-Tribromophenol
 Concen: 16.610 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF100087.D
 Acq: 2 Nov 2017 16:19

Tgt Ion:330 Resp: 24343
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 35.3 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



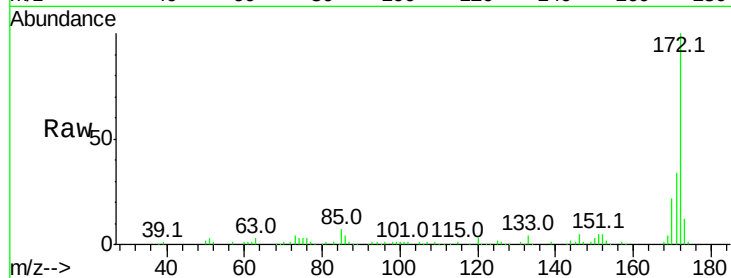


#44
 2-Fluorobiphenyl
 Concen: 14.177 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF100087.D
 Acq: 2 Nov 2017 16:19

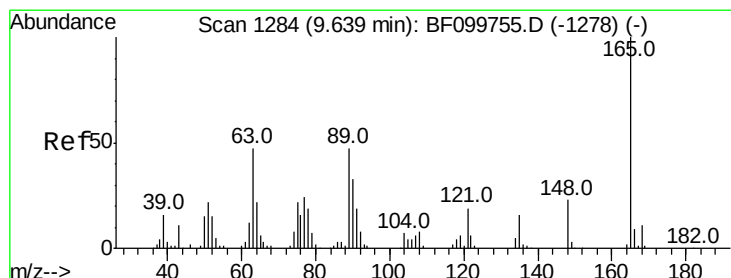
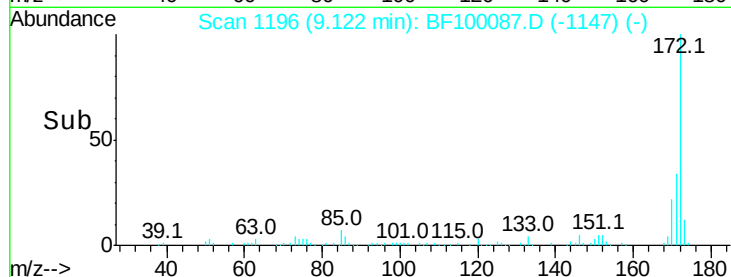
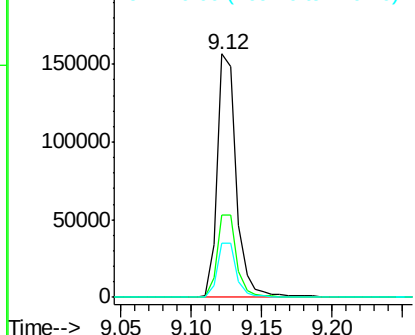
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 147779

Ion	Ratio	Lower	Upper
172	100		
171	33.8	29.7	44.5
170	22.3	19.6	29.4



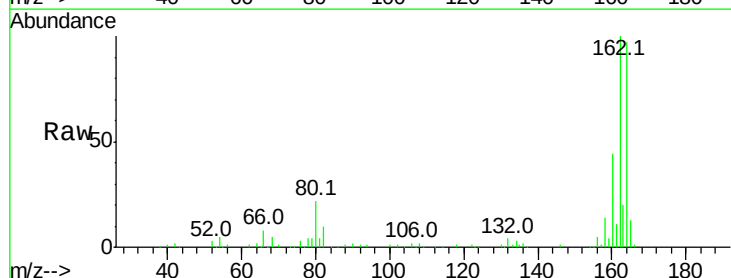
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



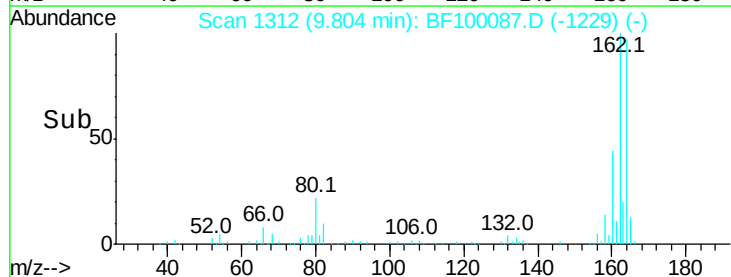
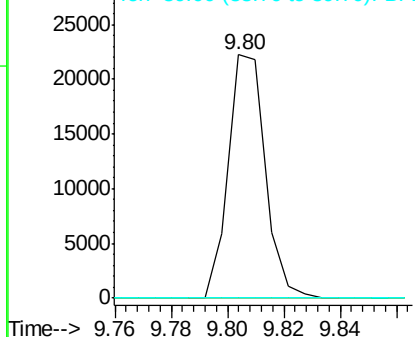
#50
 2,6-Dinitrotoluene
 Concen: 7.574 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.19 min
 Lab File: BF100087.D
 Acq: 2 Nov 2017 16:19

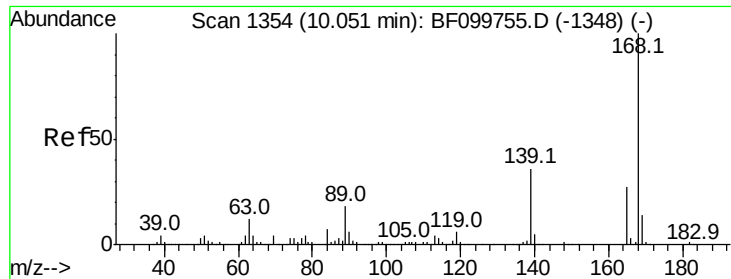
Tgt Ion:165 Resp: 20279

Ion	Ratio	Lower	Upper
165	100		
63	0.0	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: 6.290 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.23 min

Lab File: BF100087.D

Acq: 2 Nov 2017 16:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 20279

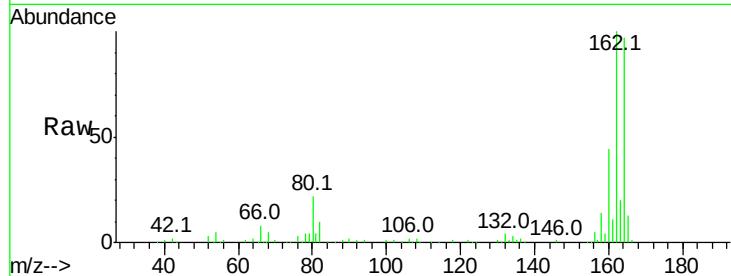
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

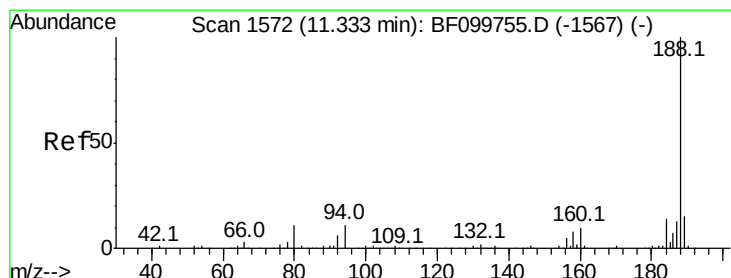
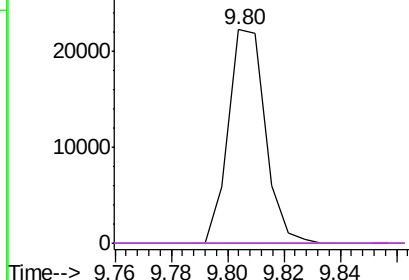
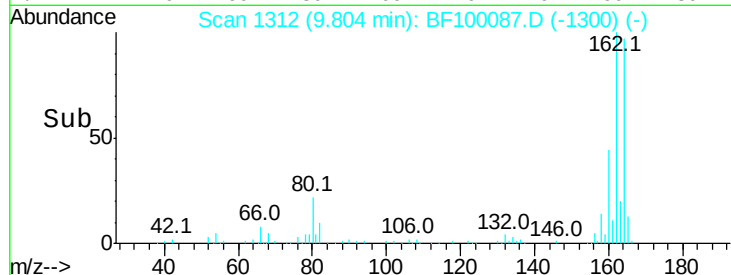


Abundance Ion 165.00 (164.70 to 165.70): E

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# 1567

Delta R.T. -0.01 min

Lab File: BF100087.D

Acq: 2 Nov 2017 16:19

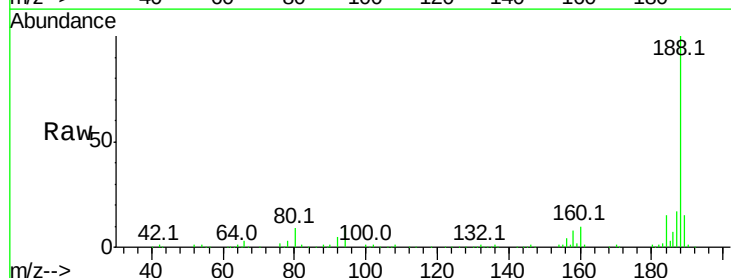
Tgt Ion:188 Resp: 270897

Ion Ratio Lower Upper

188 100

94 9.2 8.5 12.7

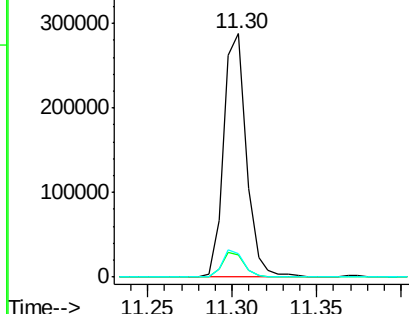
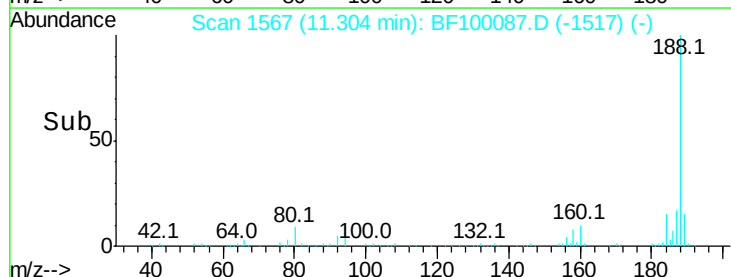
80 9.5 9.2 13.8

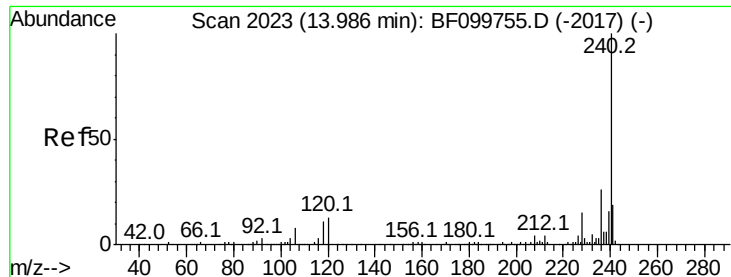


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BF100087.D

Acq: 2 Nov 2017 16:19

Instrument :

BNA_F

ClientSampleId :

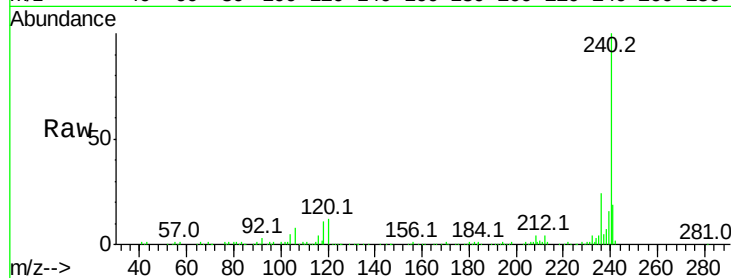
Tot Ion:240 Resp: 165412

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

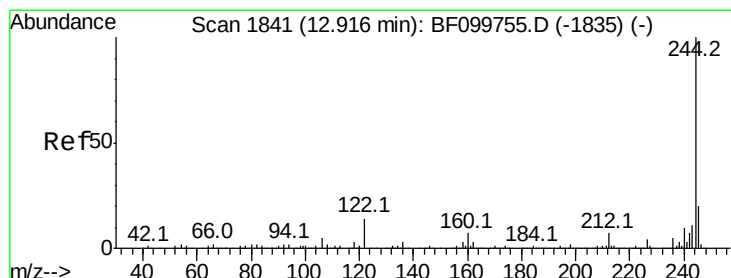
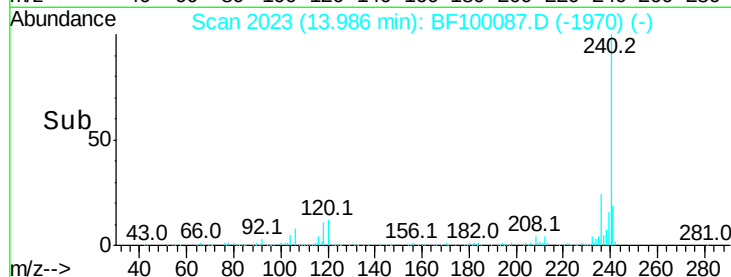
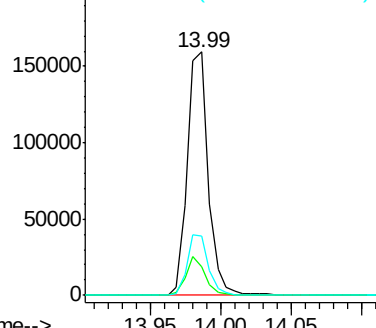
236 24.3 20.7 31.1



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: 14.348 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF100087.D

Acq: 2 Nov 2017 16:19

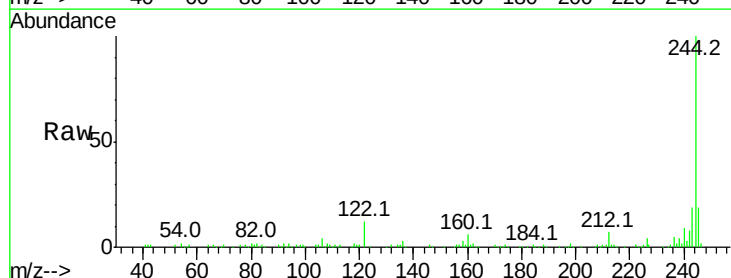
Tgt Ion:244 Resp: 108602

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

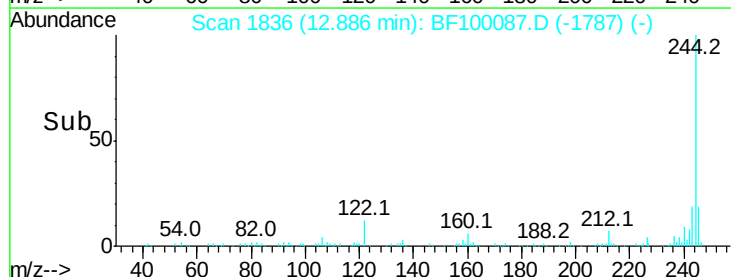
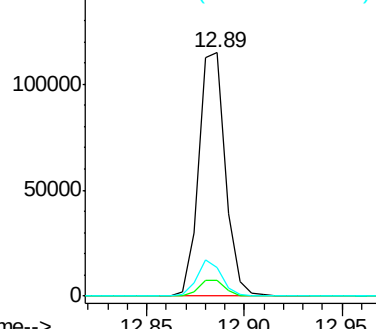
122 11.5 11.0 16.4

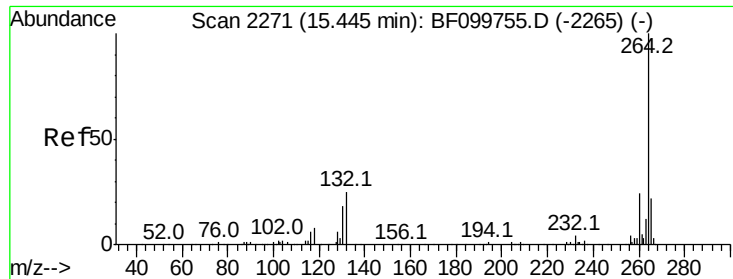


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.52 min Scan# 2283
Delta R.T. 0.05 min
Lab File: BF100087.D
Acq: 2 Nov 2017 16:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.3	17.5	26.3

