

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 :
 SB-1(3-5)

Quant Time: Nov 02 17:22:36 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

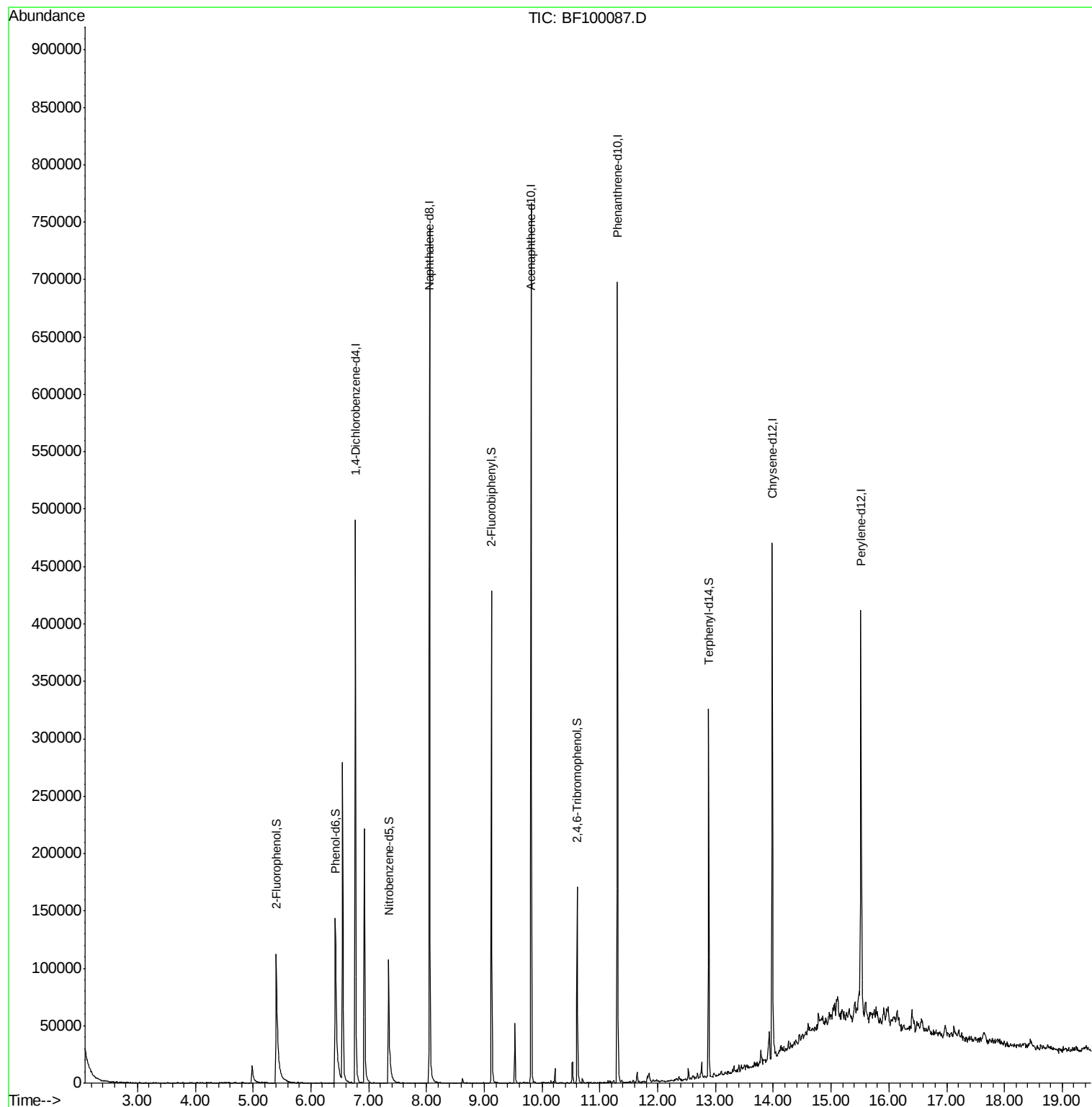
Target Compounds Qvalue

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

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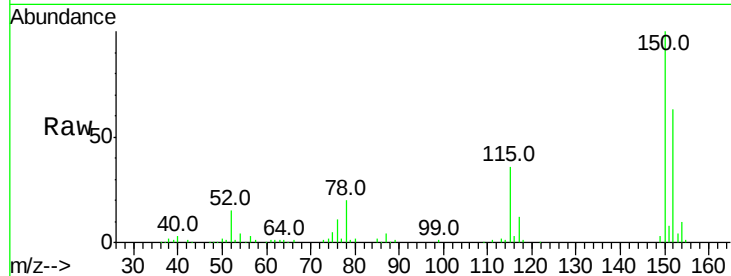


#1

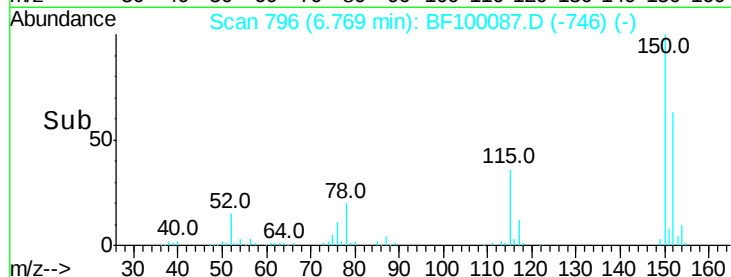
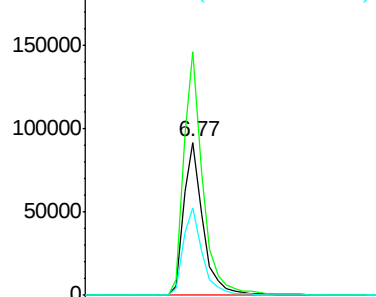
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF100087.D
Acq: 2 Nov 2017 16:19

Instrument :
BNA_F
ClientSampleId :
SB-1(3-5)

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



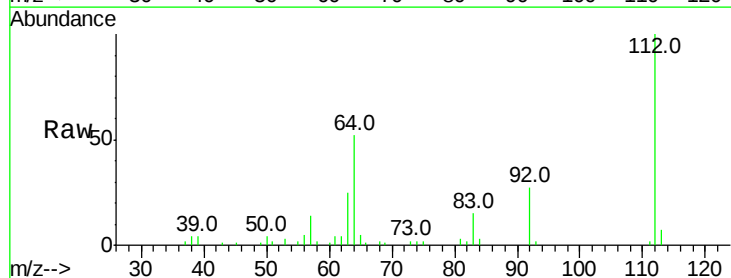
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



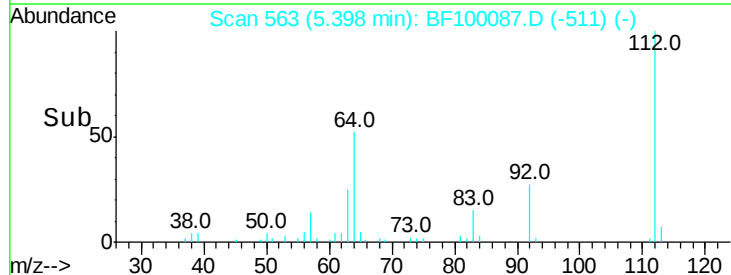
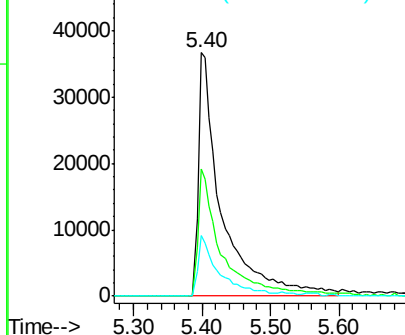
#5

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 :

SB-1(3-5)

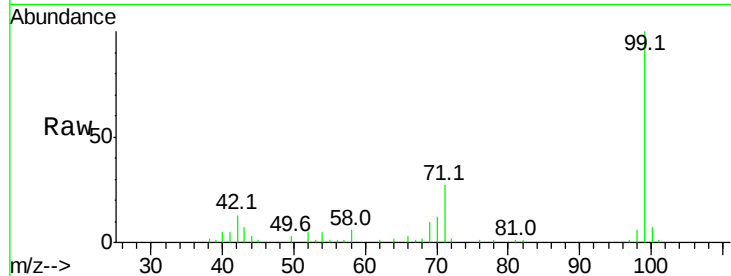
Tot Ion: 99 Resp: 113436

Ion Ratio Lower Upper

99 100

42 13.2 14.5 21.7#

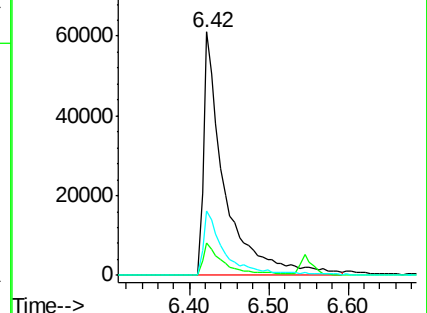
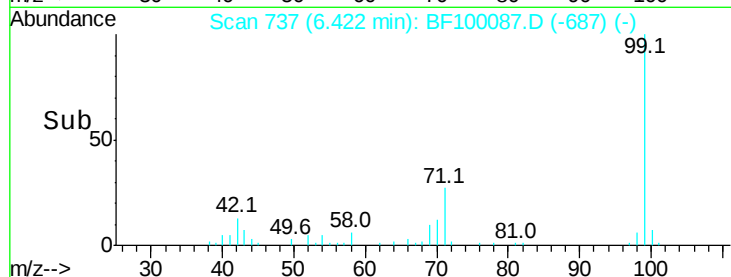
71 26.5 25.4 38.0



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

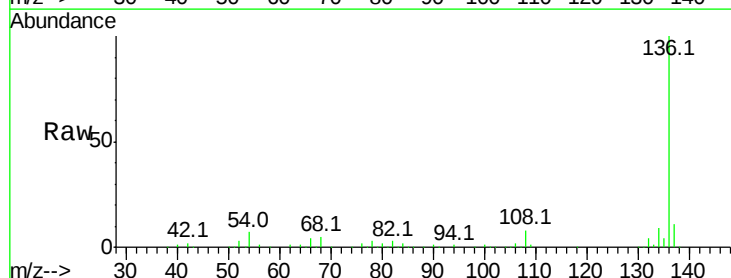
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.5 6.6 9.8#

68 5.3 5.0 7.4

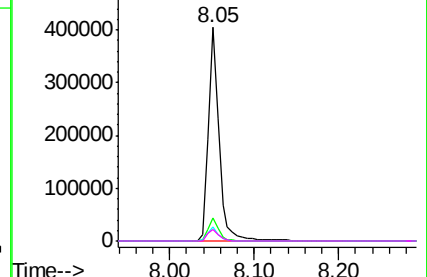
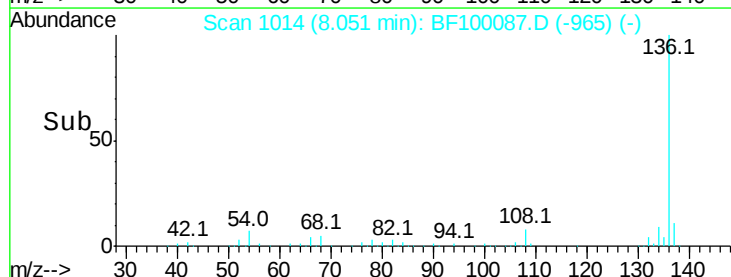


Abundance Ion 136.00 (135.70 to 136.70): E

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 :

SB-1(3-5)

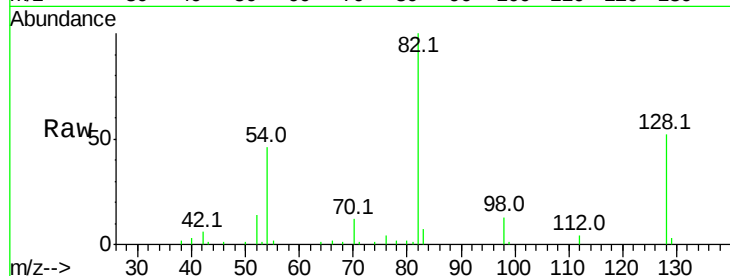
Tot Ion: 82 Resp: 58743

Ion Ratio Lower Upper

82 100

128 51.8 36.1 54.1

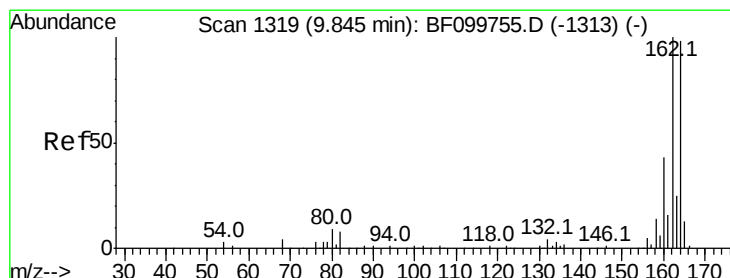
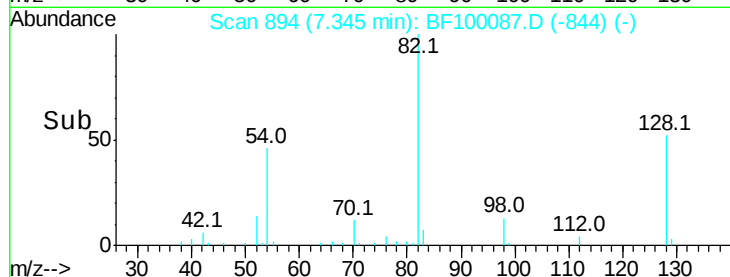
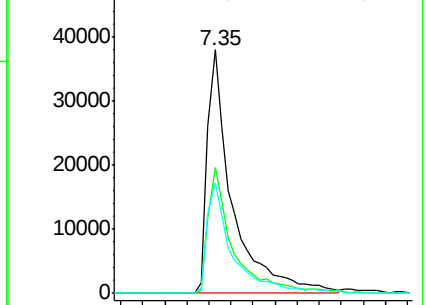
54 45.6 41.4 62.2



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



#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

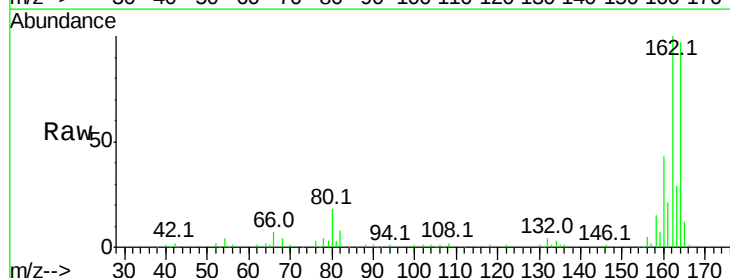
Tgt Ion:164 Resp: 160818

Ion Ratio Lower Upper

164 100

162 102.8 86.1 129.1

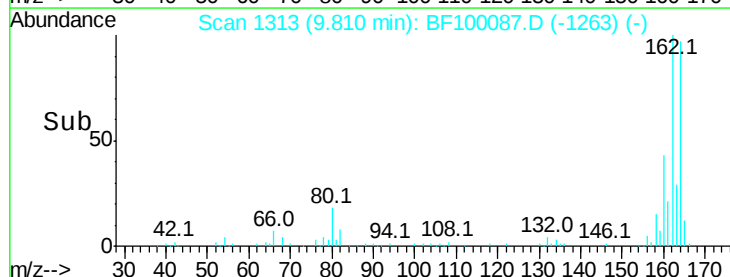
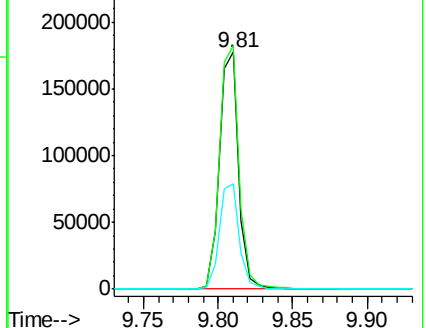
160 44.5 38.3 57.5

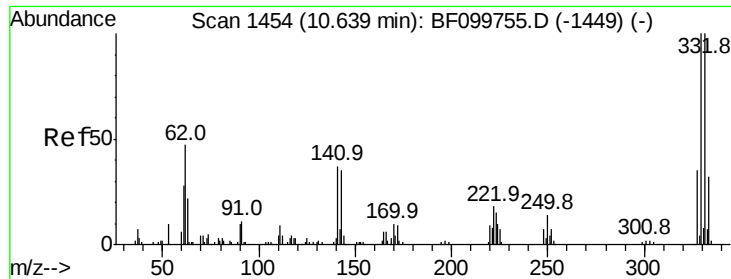


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

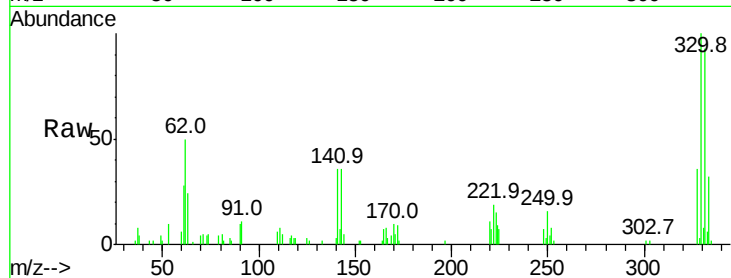




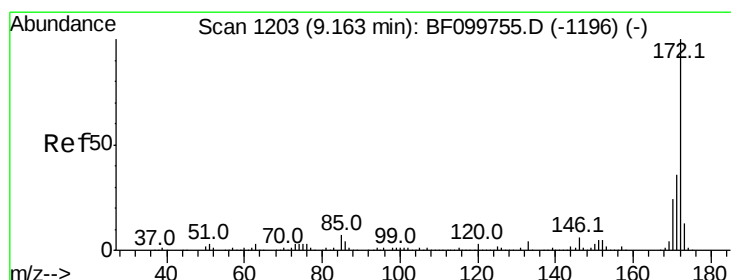
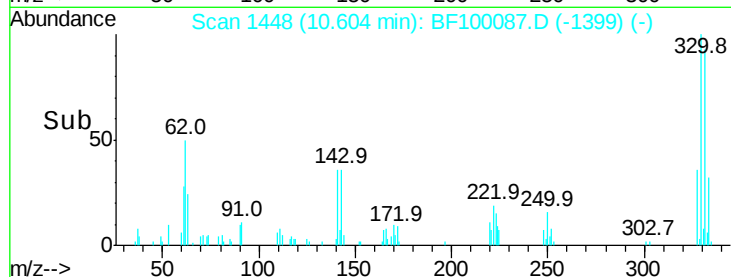
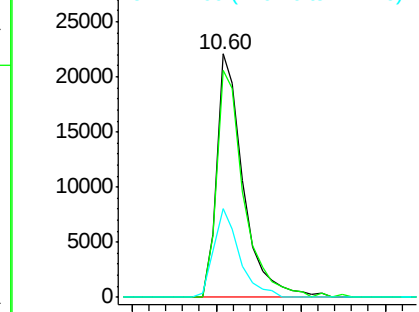
#41
 2,4,6-Tribromophenol
 Concen: 16.610 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF100087.D
 Acq: 2 Nov 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(3-5)

Tot Ion:330 Resp: 24343
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 35.3 29.9 44.9

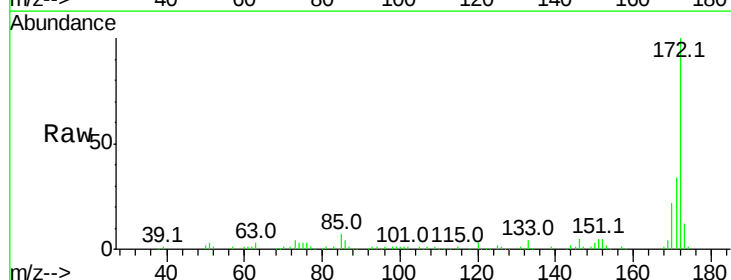


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

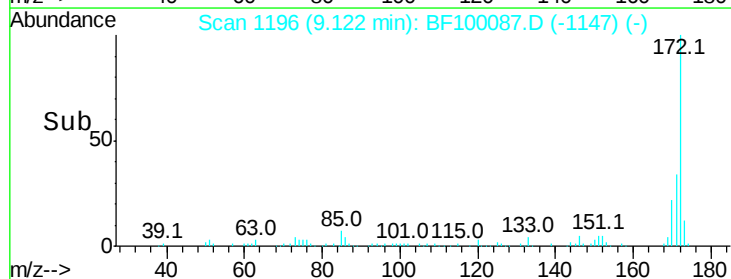
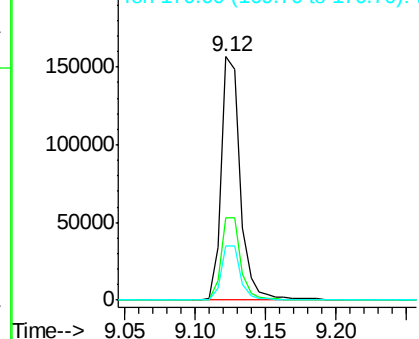


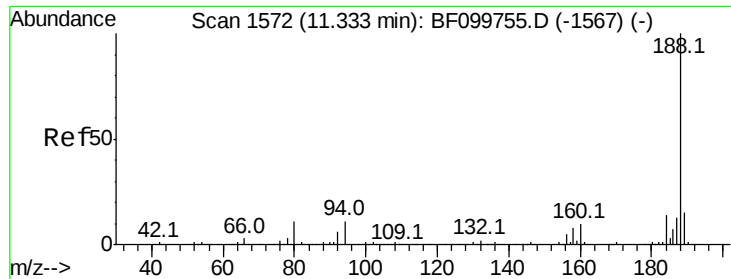
#44
 2-Fluorobiphenyl
 Concen: 14.177 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF100087.D
 Acq: 2 Nov 2017 16:19

Tgt 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

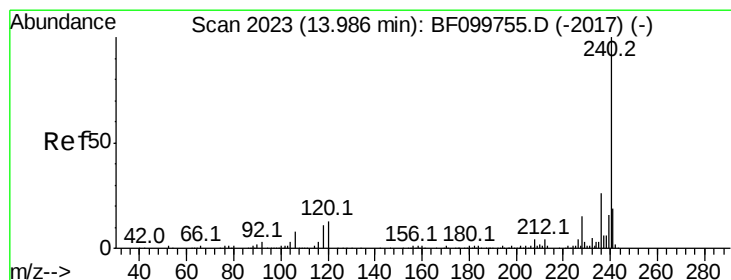
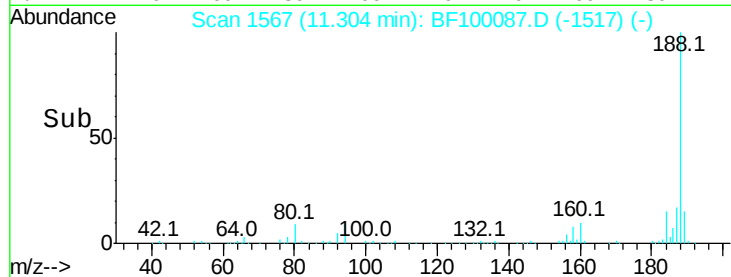
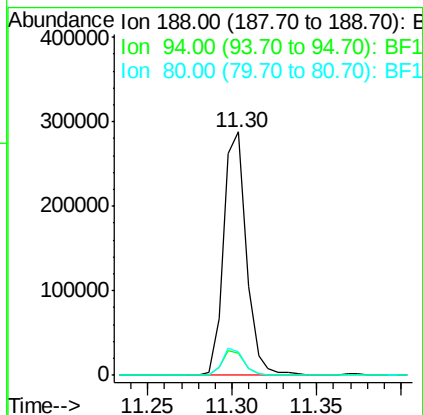
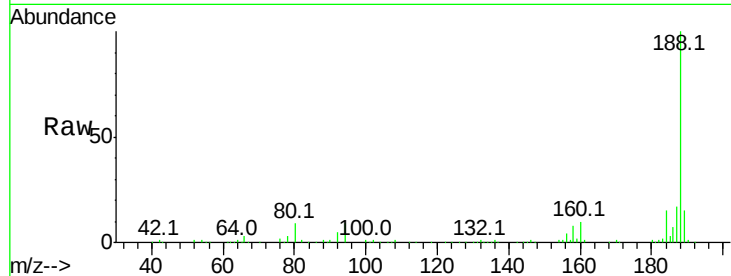




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF100087.D
Acq: 2 Nov 2017 16:19

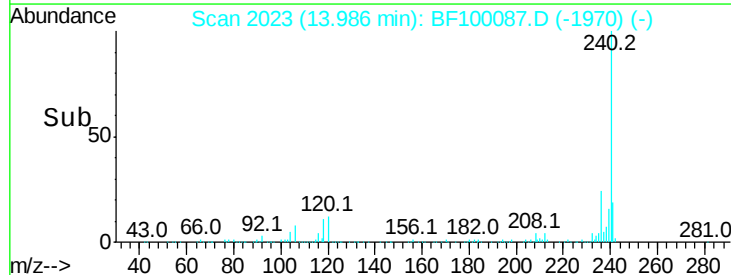
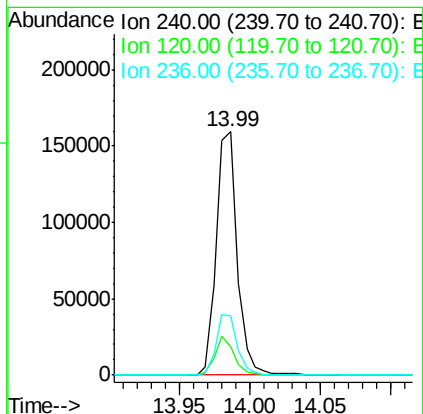
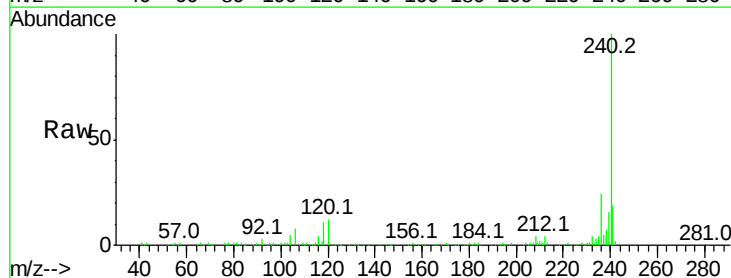
Instrument :
BNA_F
ClientSampleId :
SB-1(3-5)

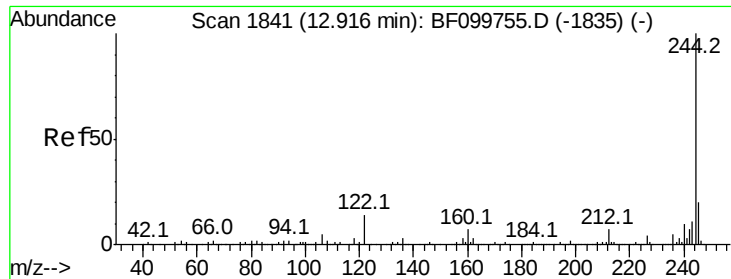
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	9.5	9.2	13.8



#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

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	24.3	20.7	31.1





#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

Instrument :

BNA_F

ClientSampleId :

SB-1(3-5)

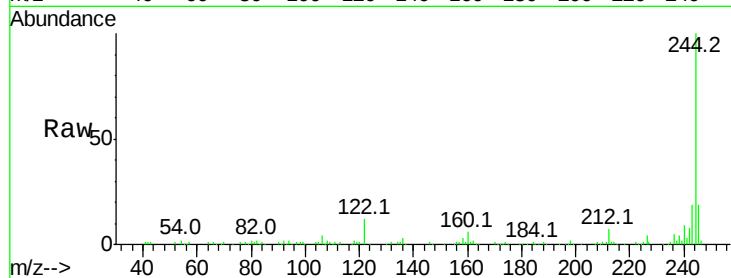
Tot Ion:244 Resp: 108602

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

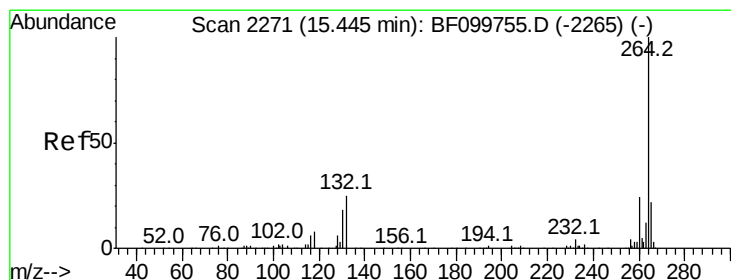
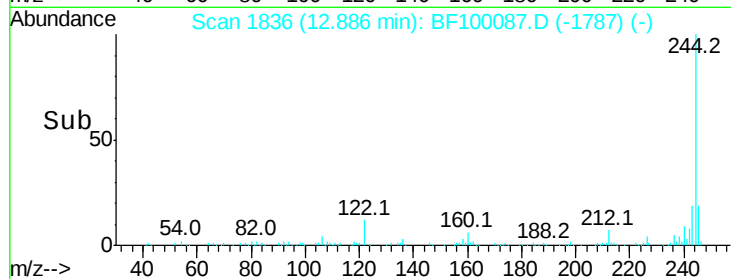
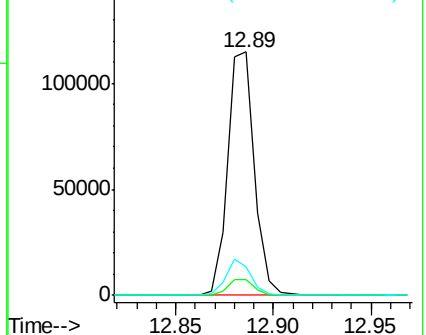
122 11.5 11.0 16.4



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

Perylene-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

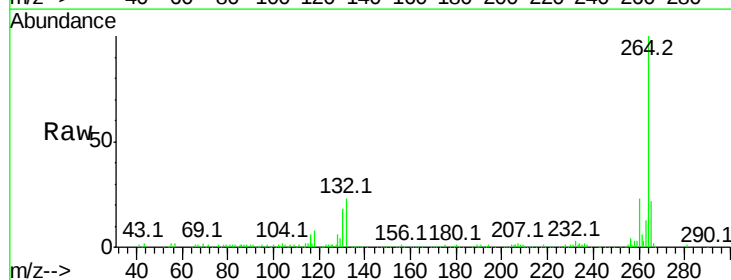
Tgt Ion:264 Resp: 157179

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 22.3 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

