

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101717\
 Data File : BF099591.D
 Acq On : 17 Oct 2017 19:56
 Operator : SJ/JU
 Sample : I5869-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-01-10-11-17

Quant Time: Oct 18 00:01:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 17:32:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	114545	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	471535	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	208486	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	345527	20.00	ng	0.00
75) Chrysene-d12	13.99	240	215302	20.00	ng	0.00
86) Perylene-d12	15.45	264	218345	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	463109	64.36	ng	0.00
7) Phenol-d6	6.46	99	345868	38.96	ng	-0.01
23) Nitrobenzene-d5	7.40	82	681762	92.72	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	193892	113.65	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1221059	97.77	ng	0.00
78) Terphenyl-d14	12.93	244	845090	89.27	ng	0.00

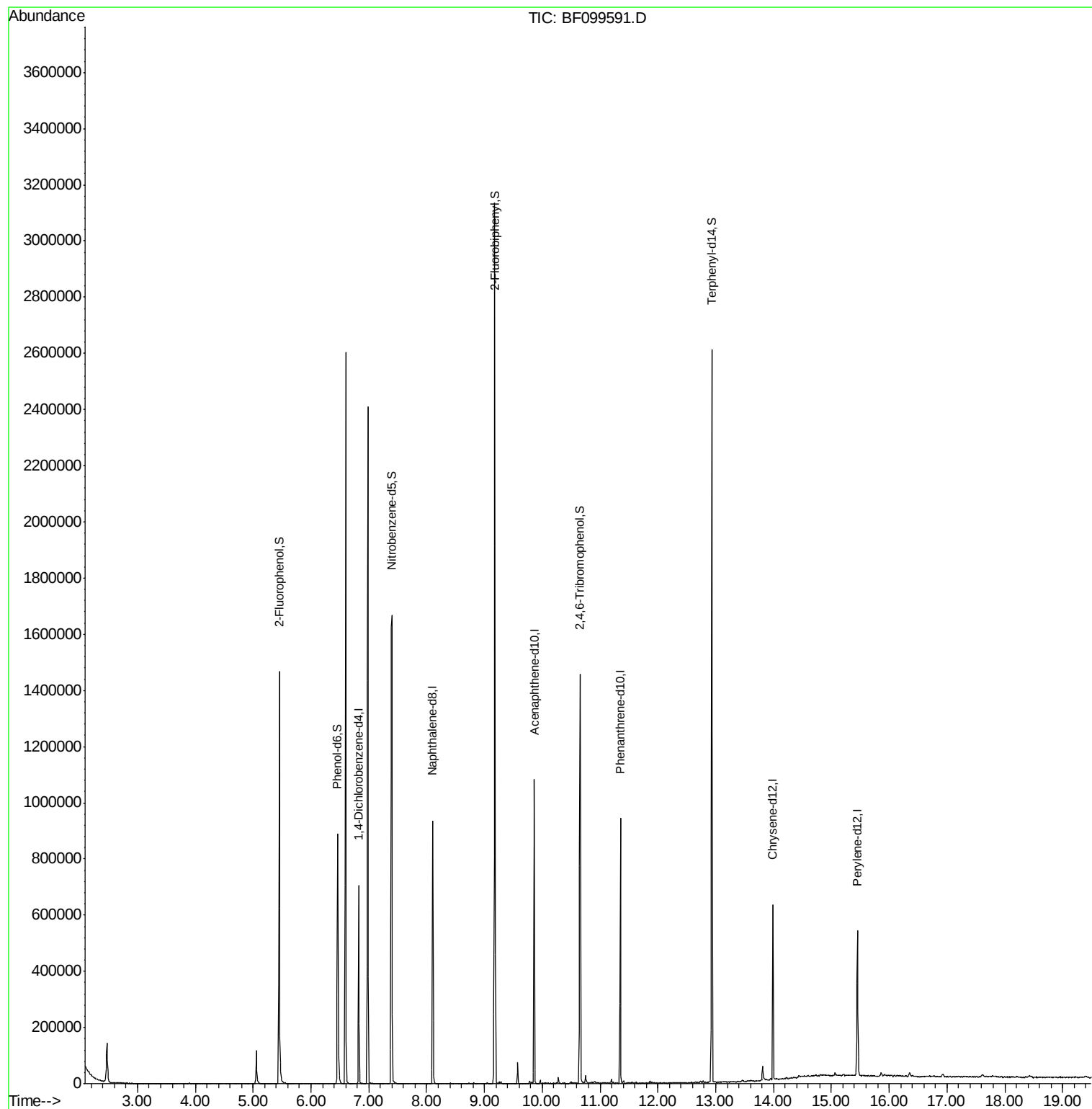
Target Compounds Qvalue

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

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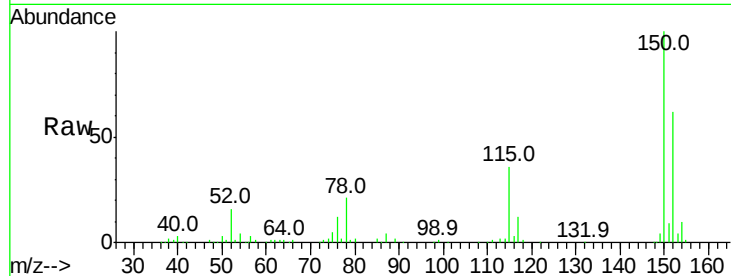


#1

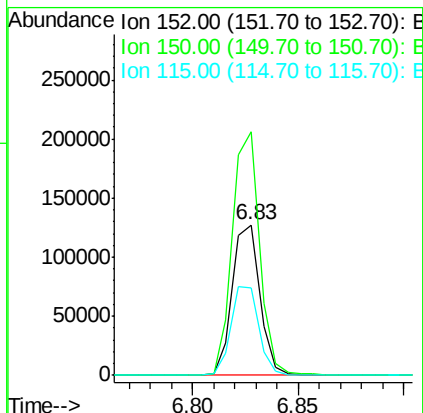
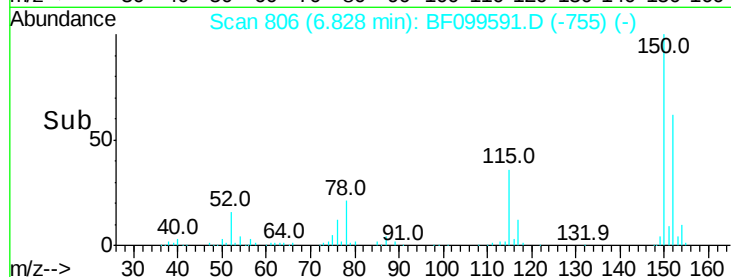
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF099591.D
 Acq: 17 Oct 2017 19:56

Instrument :
 BNA_F
 ClientSampleId :
 DUP-01-10-11-17

Tot Ion:152 Resp: 114545
 Ion Ratio Lower Upper
 152 100
 150 161.5 124.6 186.8
 115 58.3 50.1 75.1



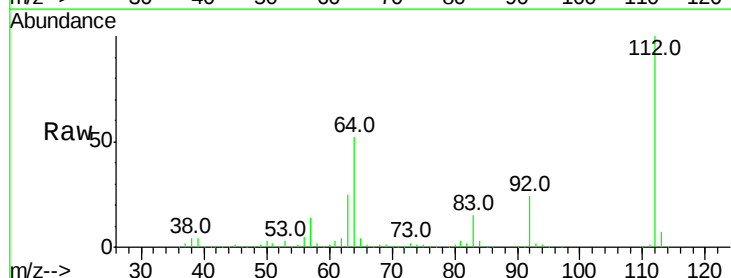
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



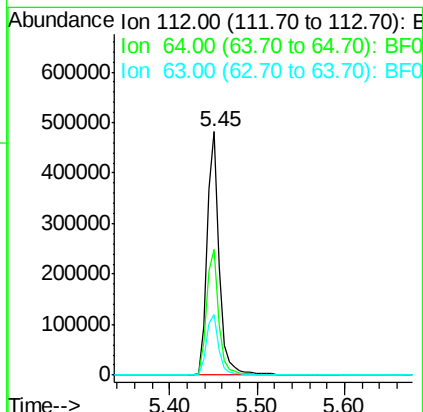
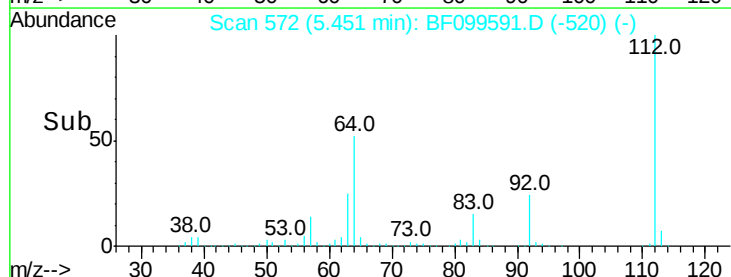
#5

2-Fluorophenol
 Concen: 64.361 ng
 RT: 5.45 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: BF099591.D
 Acq: 17 Oct 2017 19:56

Tgt Ion:112 Resp: 463109
 Ion Ratio Lower Upper
 112 100
 64 51.6 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): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.965 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099591.D

Acq: 17 Oct 2017 19:56

Instrument :

BNA_F

ClientSampleId :

DUP-01-10-11-17

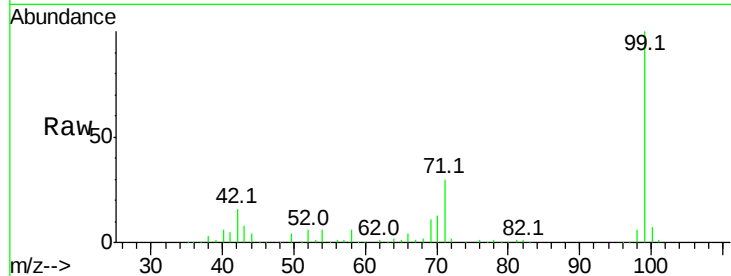
Tot Ion: 99 Resp: 345868

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

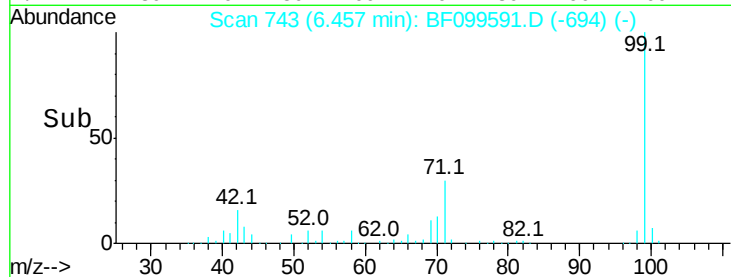
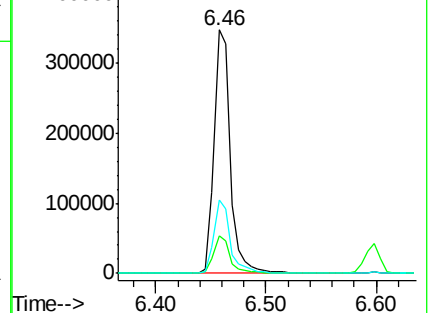
71 30.3 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF099591.D

Acq: 17 Oct 2017 19:56

Tgt Ion: 136 Resp: 471535

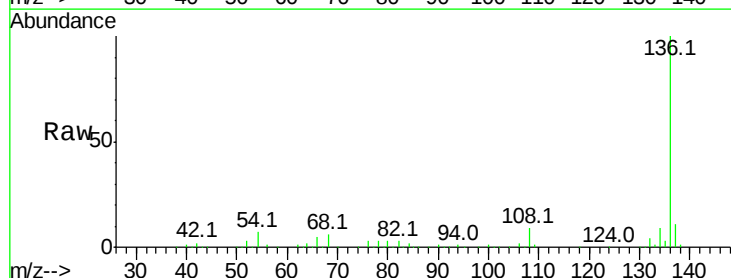
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.4 6.6 9.8

68 6.2 5.0 7.4

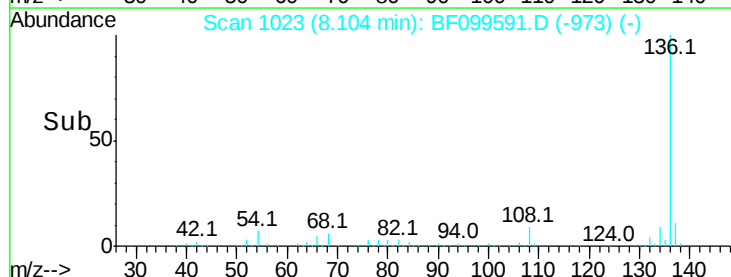
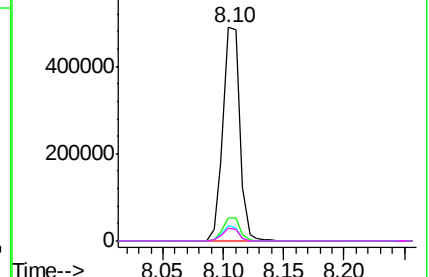


Abundance Ion 136.00 (135.70 to 136.70): E

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

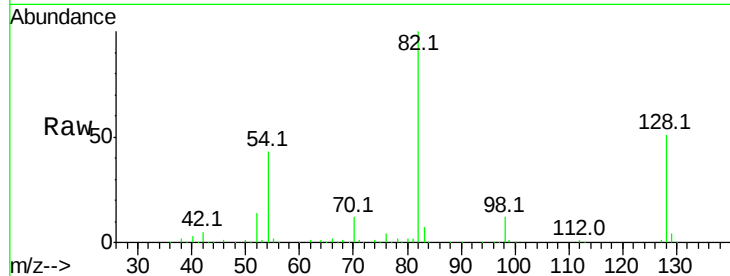




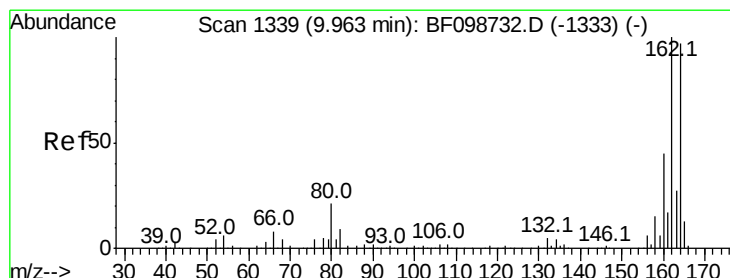
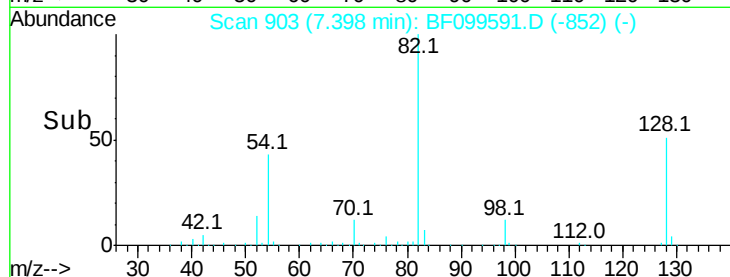
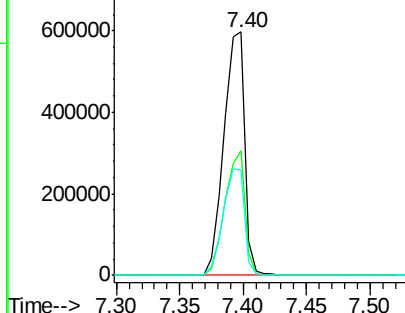
#23
 Nitrobenzene-d5
 Concen: 92.722 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BF099591.D
 Acq: 17 Oct 2017 19:56

Instrument :
 BNA_F
 ClientSampleId :
 DUP-01-10-11-17

Tot Ion	82	Resp	681762
Ion Ratio	Lower	Upper	
82	100		
128	51.1	36.1	54.1
54	43.1	41.4	62.2

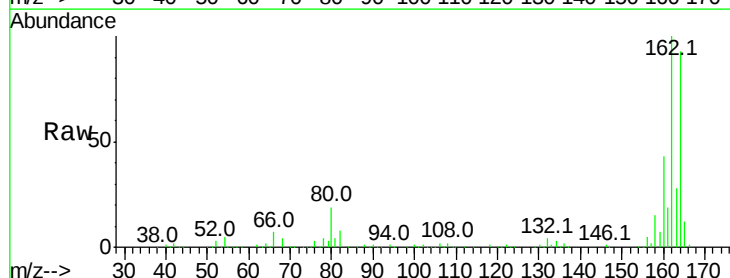


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

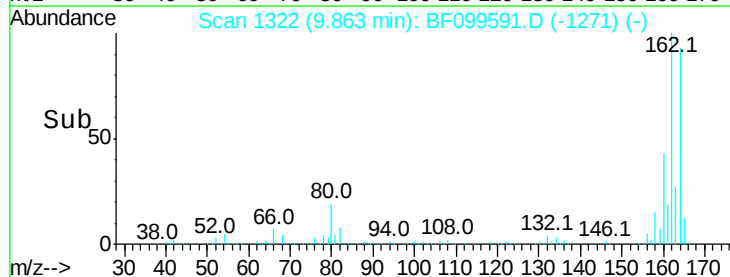
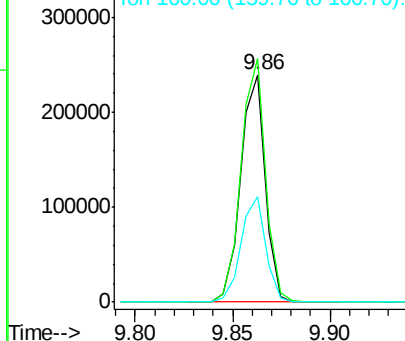


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF099591.D
 Acq: 17 Oct 2017 19:56

Tgt Ion	164	Resp	208486
Ion Ratio	Lower	Upper	
164	100		
162	107.1	86.1	129.1
160	46.5	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

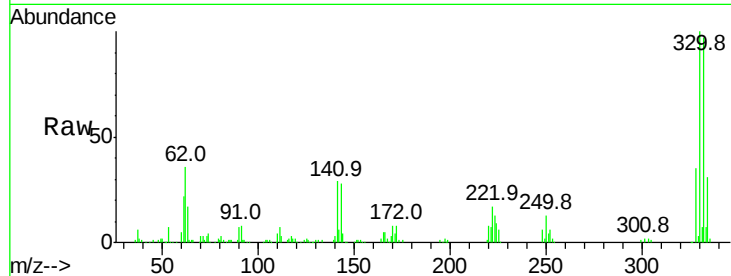




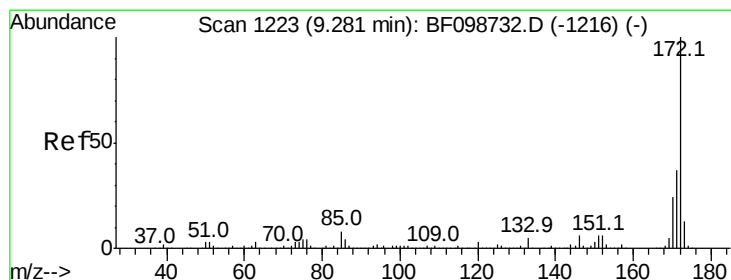
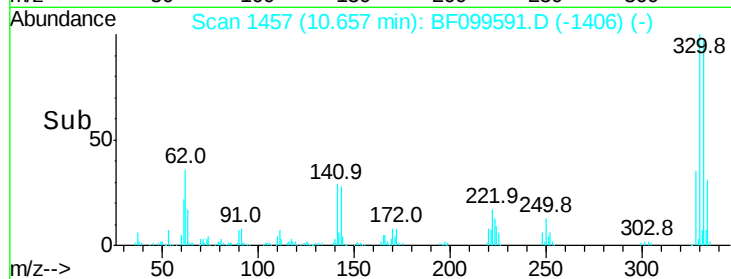
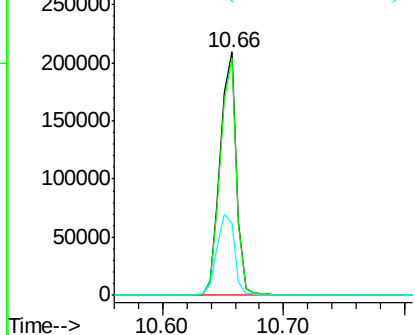
#41
 2,4,6-Tribromophenol
 Concen: 113.654 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: BF099591.D
 Acq: 17 Oct 2017 19:56

Instrument :
 BNA_F
 ClientSampleId :
 DUP-01-10-11-17

Tot Ion:330 Resp: 193892
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 36.0 29.9 44.9

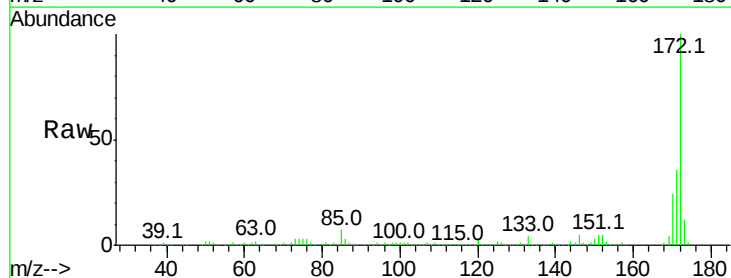


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

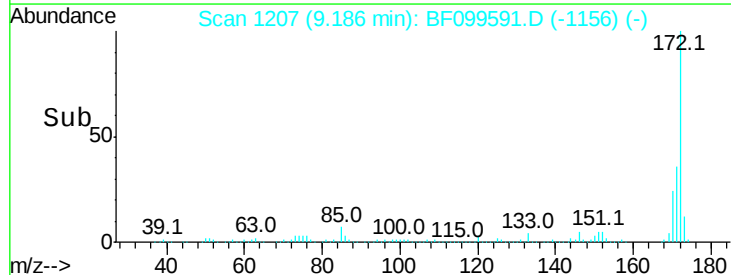
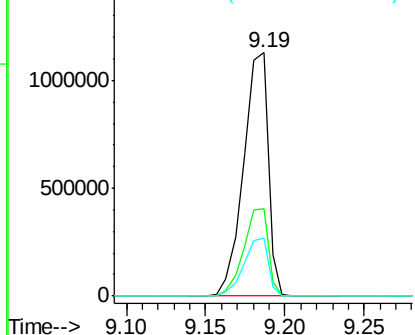


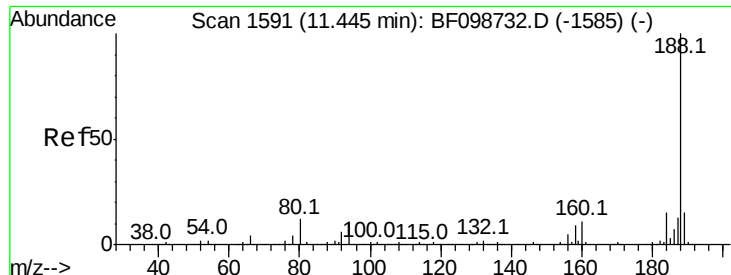
#44
 2-Fluorobiphenyl
 Concen: 97.774 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF099591.D
 Acq: 17 Oct 2017 19:56

Tgt Ion:172 Resp: 1221059
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.1 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

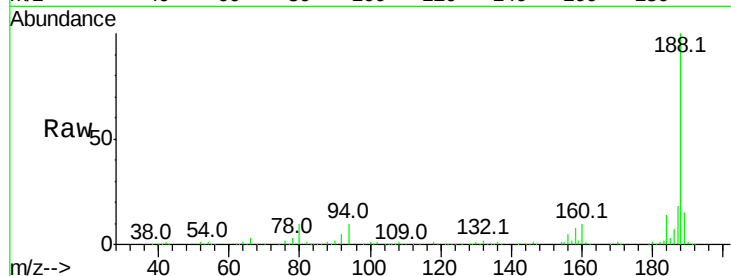




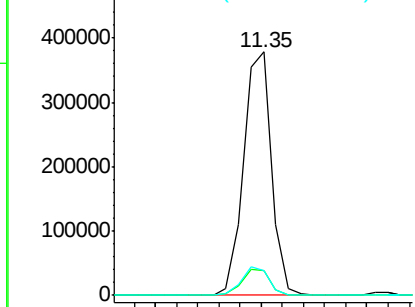
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF099591.D
Acq: 17 Oct 2017 19:56

Instrument :
BNA_F
ClientSampleId :
DUP-01-10-11-17

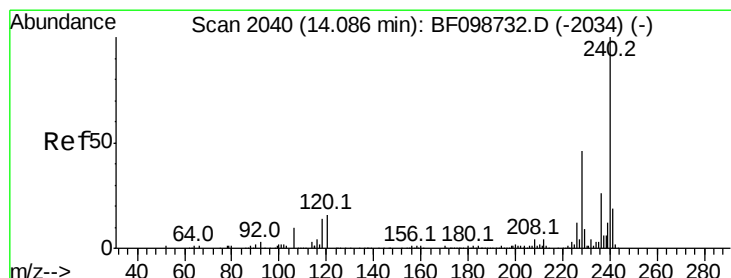
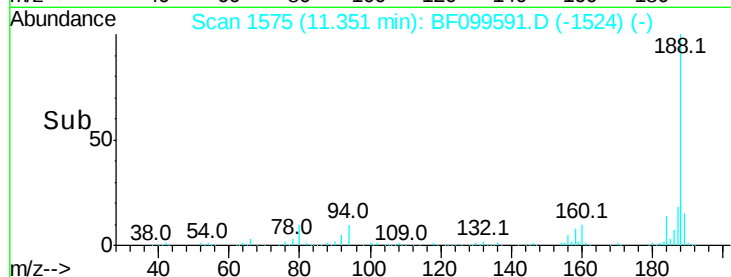
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	9.9	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

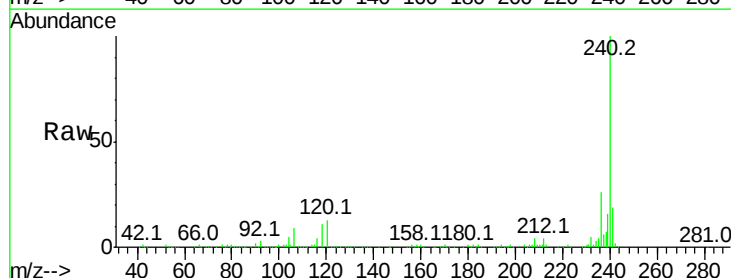


Time-->

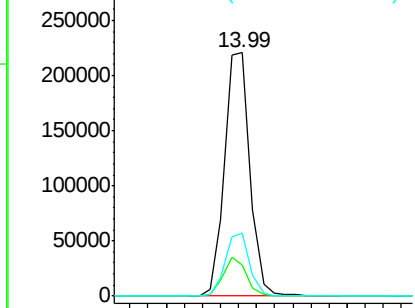


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF099591.D
Acq: 17 Oct 2017 19:56

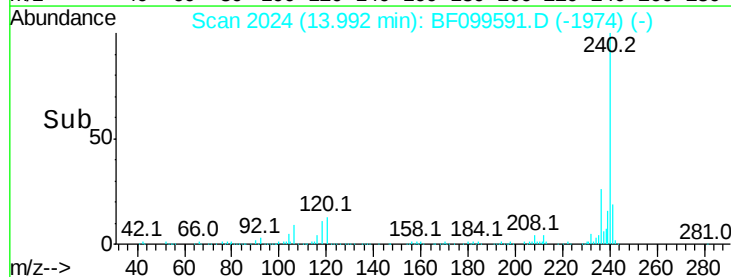
Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.5	14.3
236	25.7	20.7	31.1

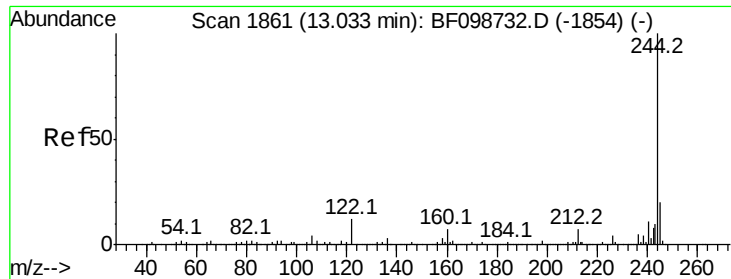


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->

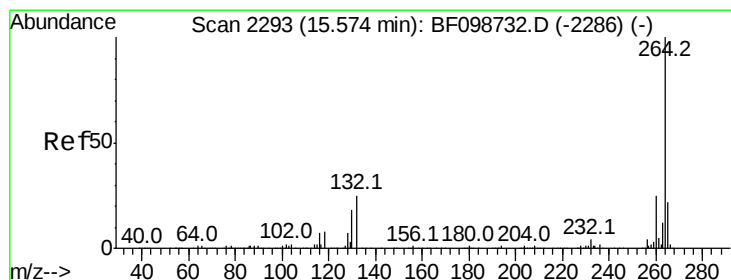
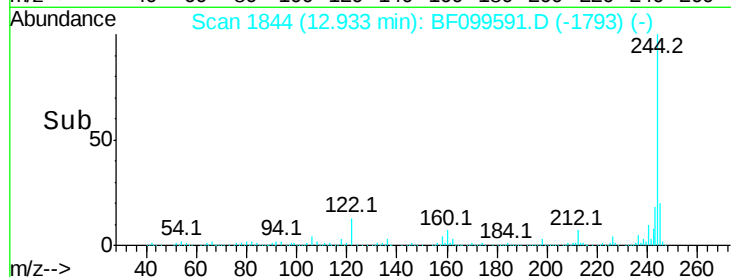
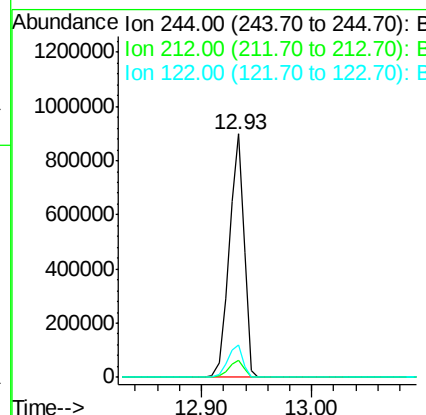
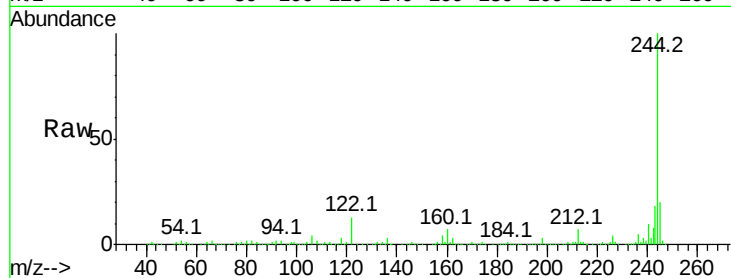




#78
 Terphenyl-d14
 Concen: 89.266 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: BF099591.D
 Acq: 17 Oct 2017 19:56

Instrument :
 BNA_F
 ClientSampleId :
 DUP-01-10-11-17

Tot Ion:244 Resp: 845090
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 13.4 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BF099591.D
 Acq: 17 Oct 2017 19:56

Tgt Ion:264 Resp: 218345
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 22.2 17.5 26.3

