

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
 Data File : BF099163.D
 Acq On : 6 Oct 2017 22:35
 Operator : SJ/JU
 Sample : I5517-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-4

Quant Time: Oct 07 00:33:05 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	116942	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	475437	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	217391	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	393110	20.00	ng	0.00
75) Chrysene-d12	14.02	240	289984	20.00	ng	-0.01
86) Perylene-d12	15.49	264	207264	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	500737	68.16	ng	0.00
7) Phenol-d6	6.49	99	389882	43.02	ng	-0.01
23) Nitrobenzene-d5	7.43	82	755219	101.87	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	230375	129.51	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1316407	101.09	ng	0.00
78) Terphenyl-d14	12.97	244	1208584	94.78	ng	0.00

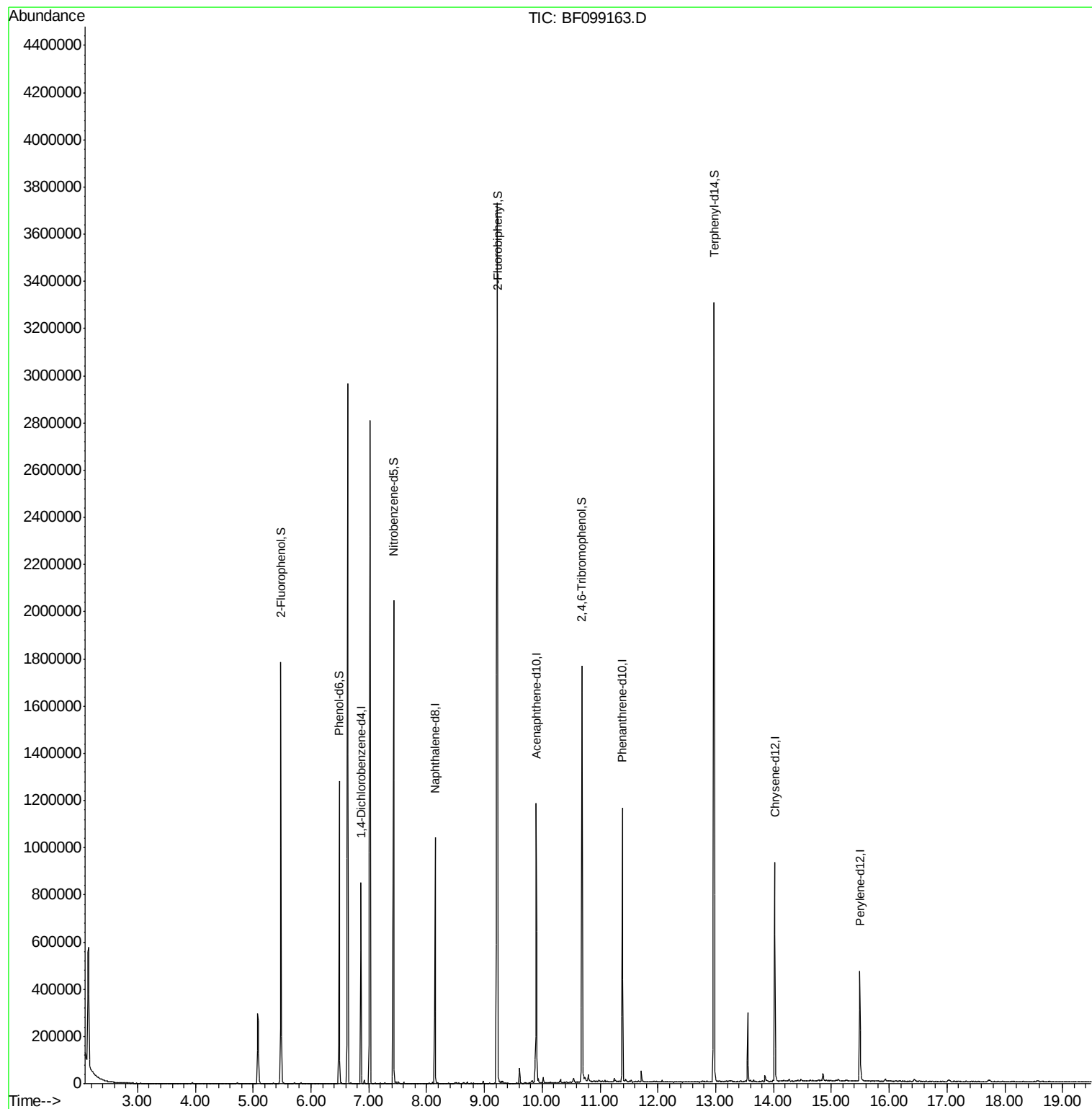
Target Compounds	Qvalue
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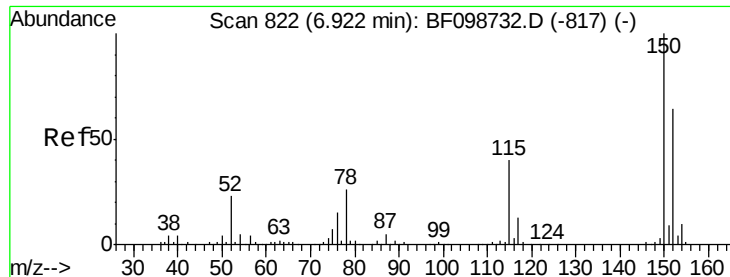
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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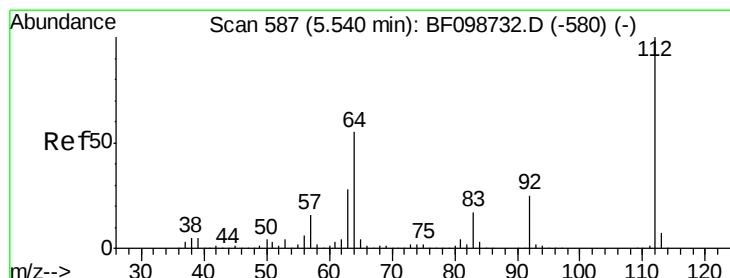
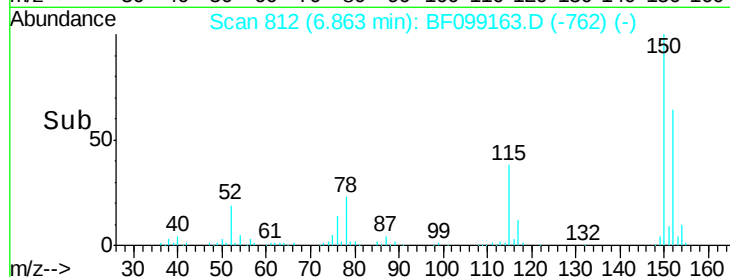
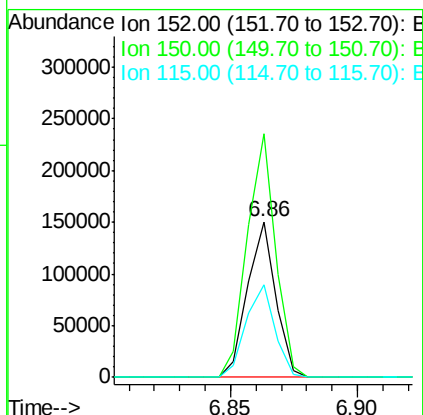
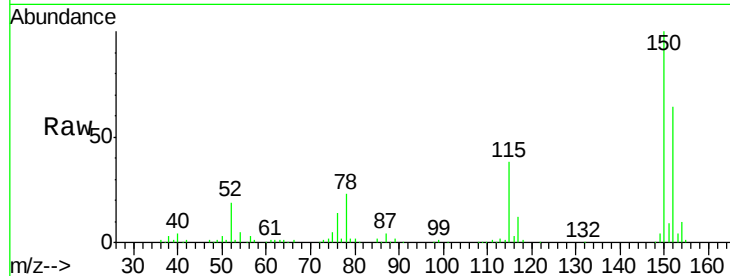




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099163.D
 Acq: 6 Oct 2017 22:35

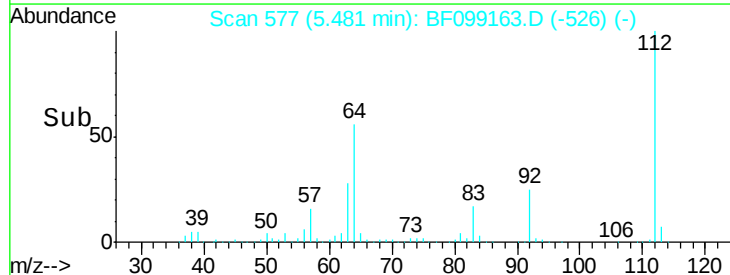
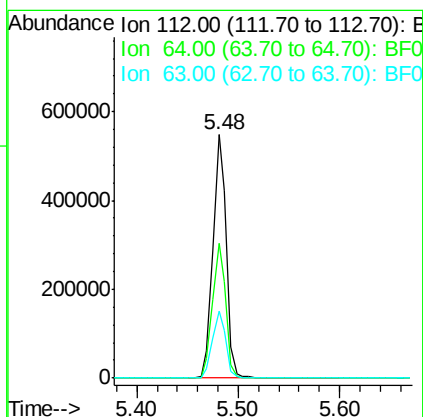
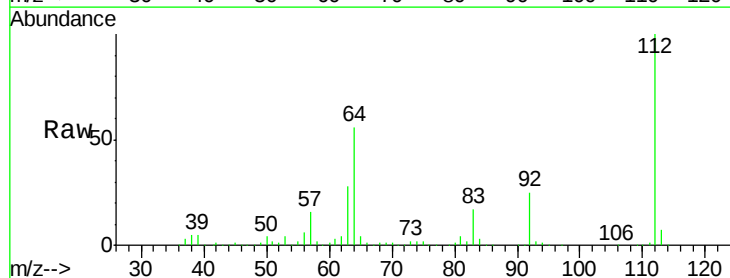
Instrument :
 BNA_F
 ClientSampleId :
 PZ-4

Tgt Ion:152 Resp: 116942
 Ion Ratio Lower Upper
 152 100
 150 156.5 124.6 186.8
 115 59.8 50.1 75.1



#5
 2-Fluorophenol
 Concen: 68.16 ng
 RT: 5.48 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: BF099163.D
 Acq: 6 Oct 2017 22:35

Tgt Ion:112 Resp: 500737
 Ion Ratio Lower Upper
 112 100
 64 55.6 47.9 71.9
 63 27.6 23.7 35.5





#7

Phenol-d6

Concen: 43.02 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF099163.D

Acq: 6 Oct 2017 22:35

Instrument :

BNA_F

ClientSampleId :

PZ-4

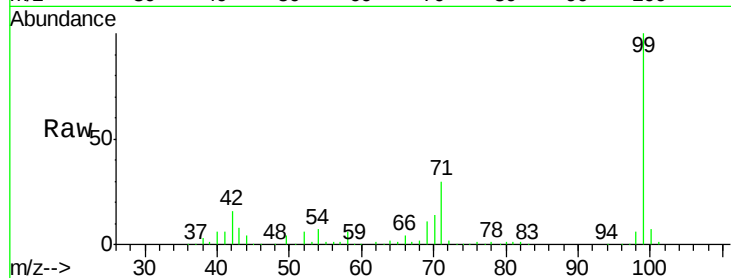
Tgt Ion: 99 Resp: 389882

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

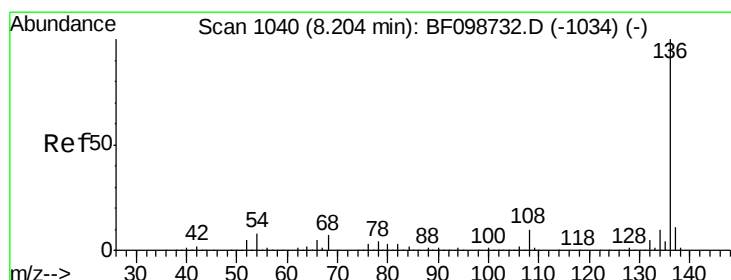
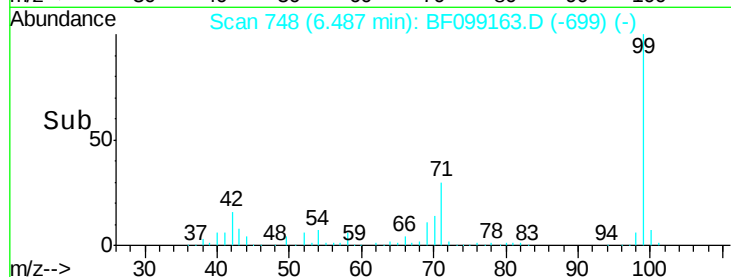
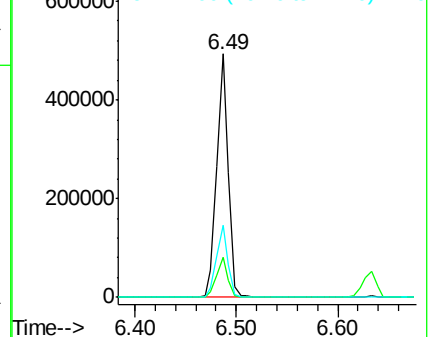
71 29.8 25.4 38.0



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: 20.00 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099163.D

Acq: 6 Oct 2017 22:35

Tgt Ion: 136 Resp: 475437

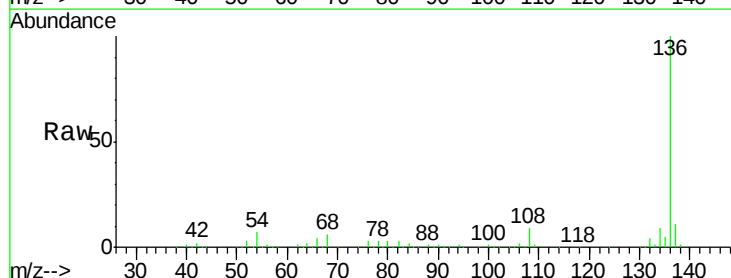
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.8 6.6 9.8

68 5.7 5.0 7.4

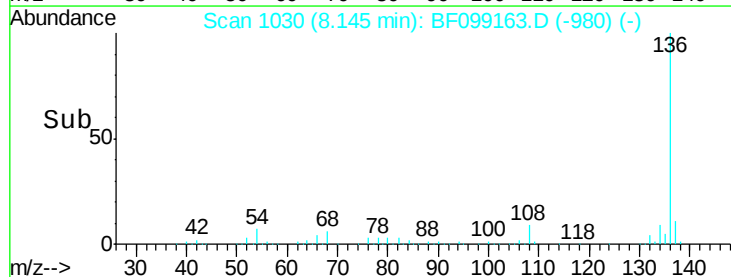
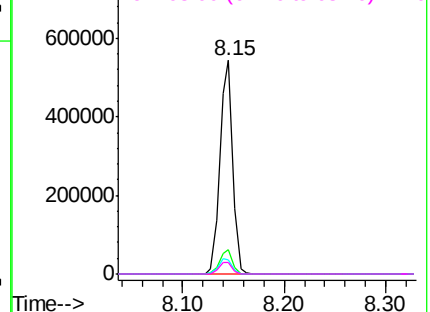


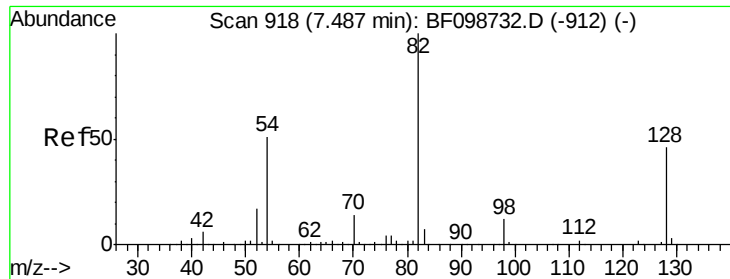
Abundance Ion 136.00 (135.70 to 136.70): E

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

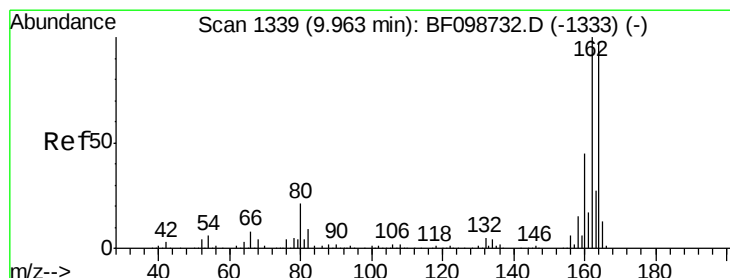
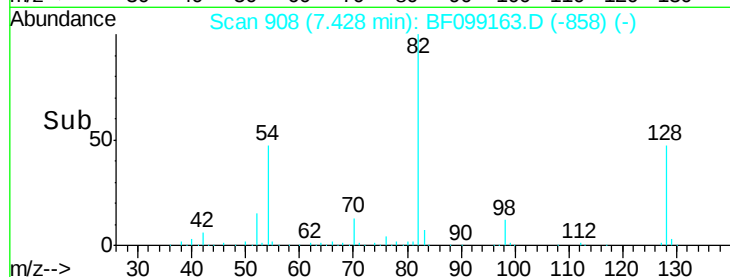
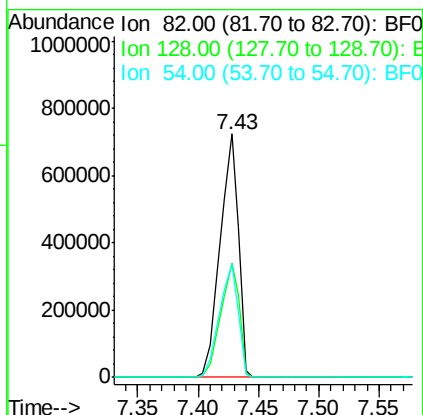
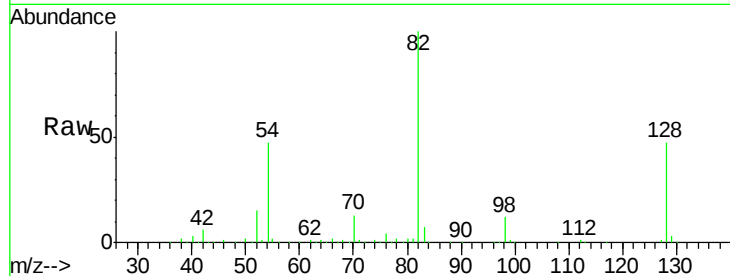




#23
 Nitrobenzene-d5
 Concen: 101.87 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099163.D
 Acq: 6 Oct 2017 22:35

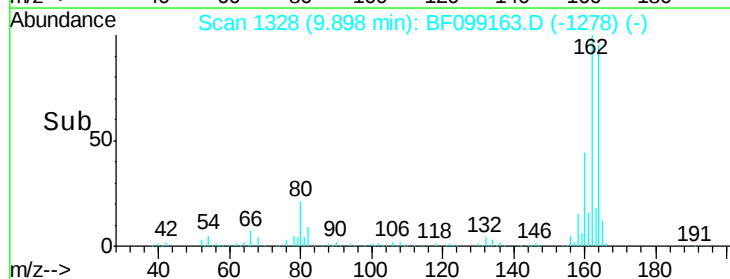
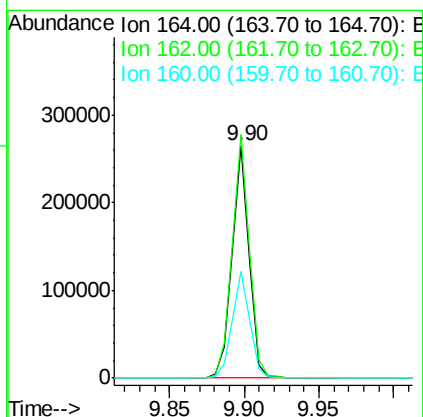
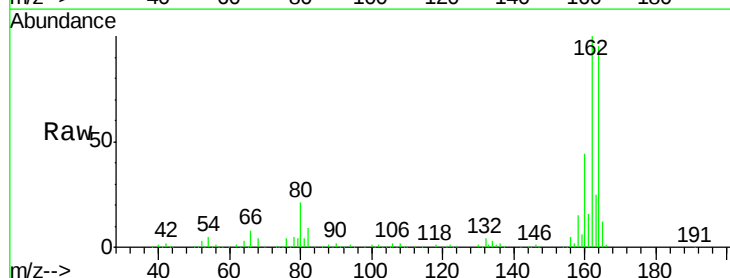
Instrument :
 BNA_F
 ClientSampled :
 PZ-4

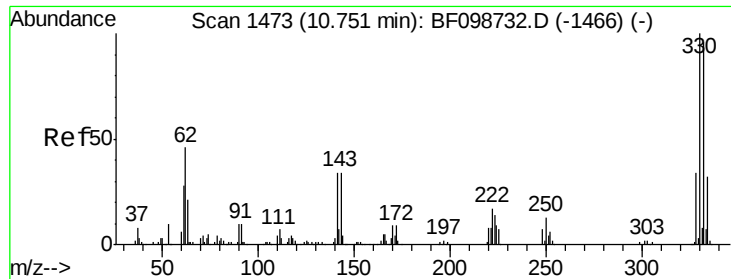
Tgt Ion: 82 Resp: 755219
 Ion Ratio Lower Upper
 82 100
 128 47.2 36.1 54.1
 54 46.7 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099163.D
 Acq: 6 Oct 2017 22:35

Tgt Ion: 164 Resp: 217391
 Ion Ratio Lower Upper
 164 100
 162 104.8 86.1 129.1
 160 45.7 38.3 57.5

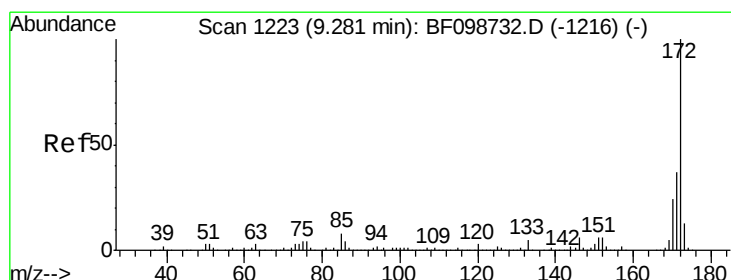
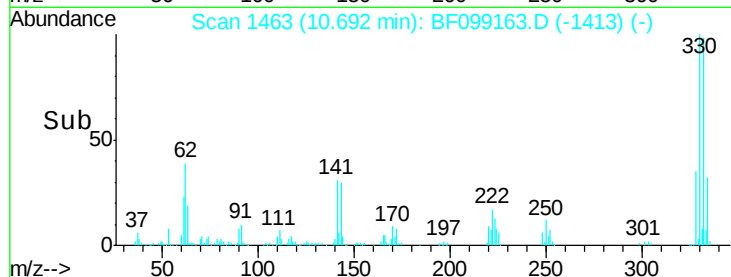
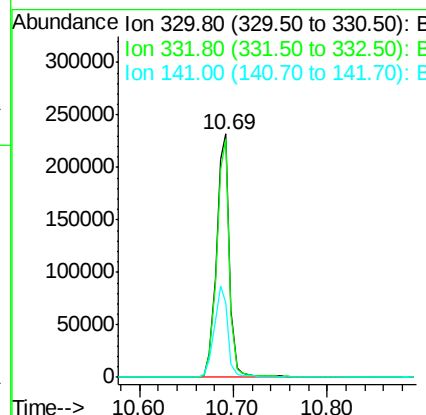
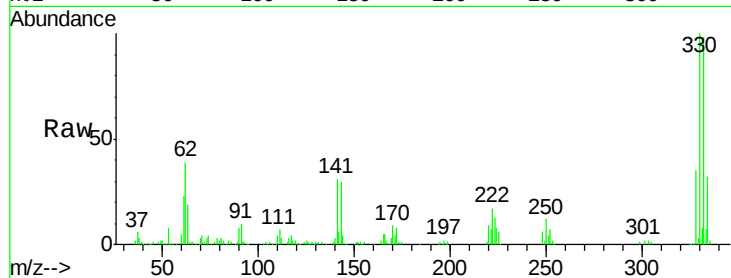




#41
 2,4,6-Tribromophenol
 Concen: 129.51 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099163.D
 Acq: 6 Oct 2017 22:35

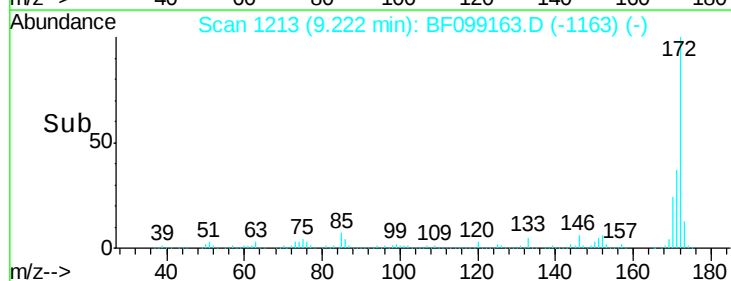
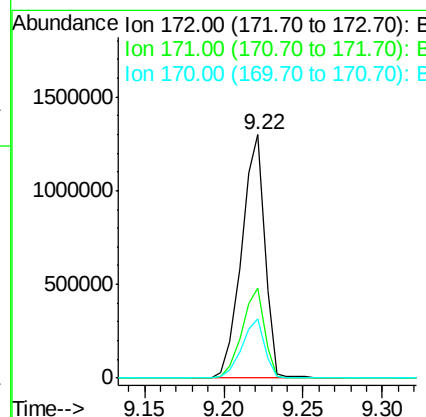
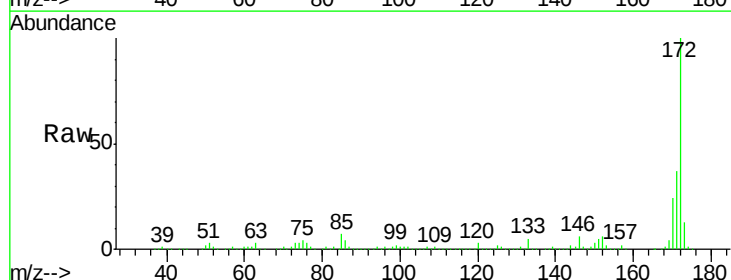
Instrument :
 BNA_F
 ClientSampleId :
 PZ-4

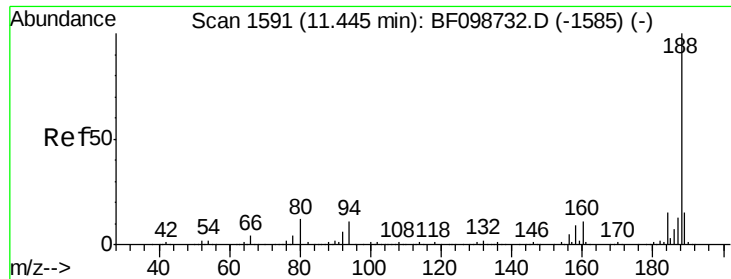
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	39.3	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 101.09 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099163.D
 Acq: 6 Oct 2017 22:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.1	19.6	29.4

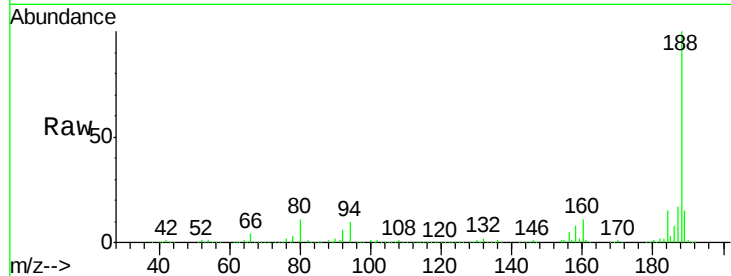




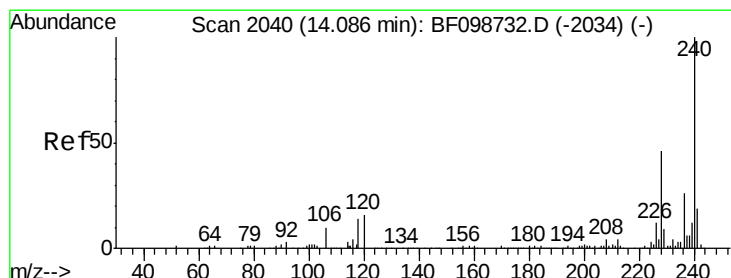
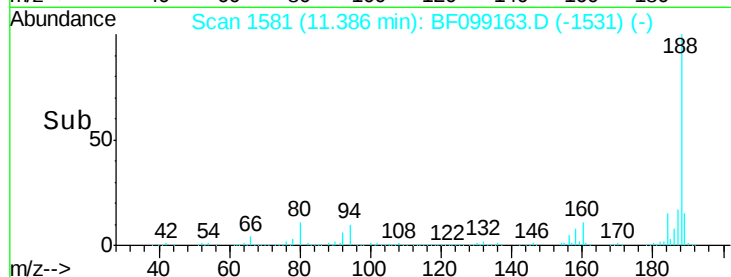
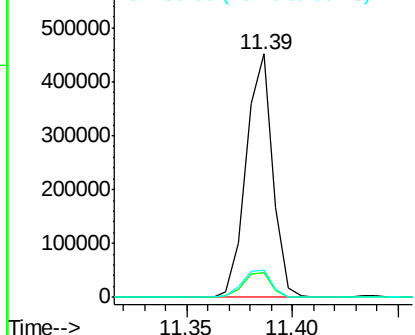
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099163.D
Acq: 6 Oct 2017 22:35

Instrument :
BNA_F
ClientSampleId :
PZ-4

Tgt Ion:188 Resp: 393110
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.0 9.2 13.8

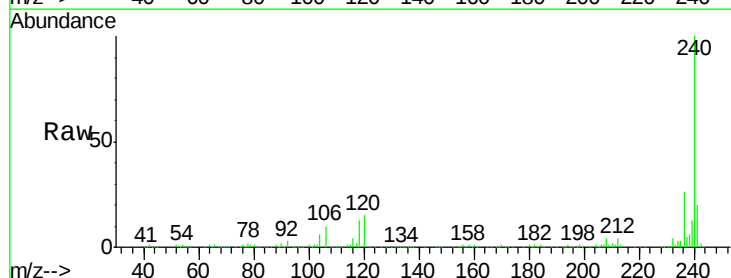


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

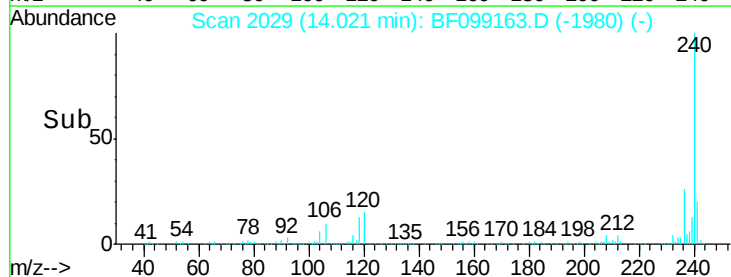
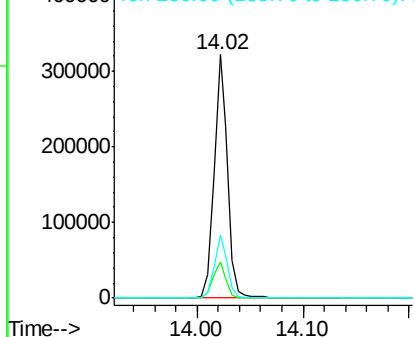


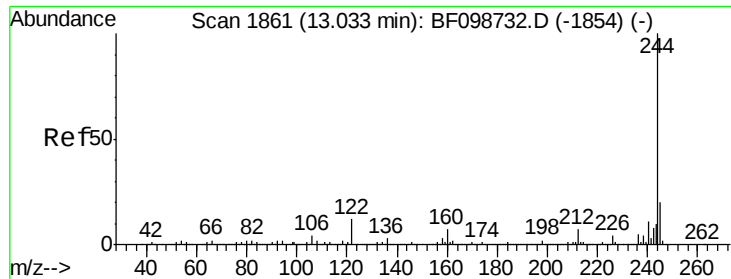
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099163.D
Acq: 6 Oct 2017 22:35

Tgt Ion:240 Resp: 289984
Ion Ratio Lower Upper
240 100
120 14.9 9.5 14.3#
236 25.9 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

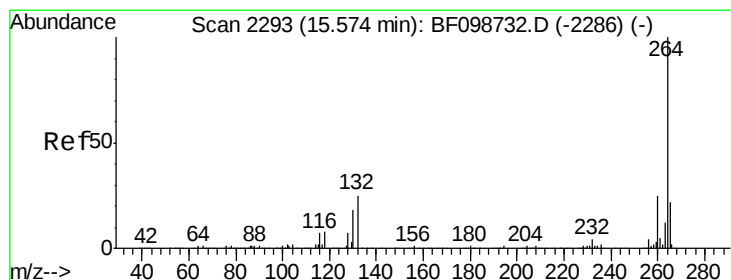
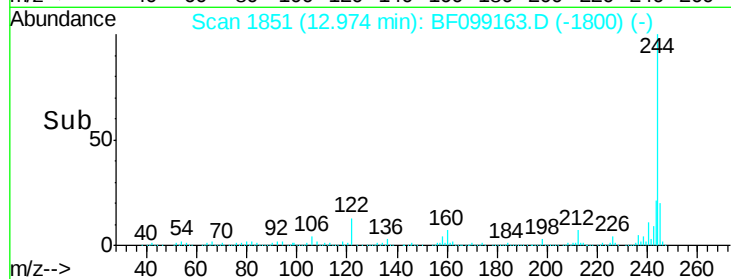
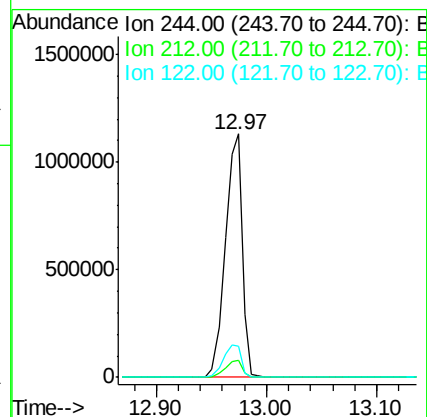
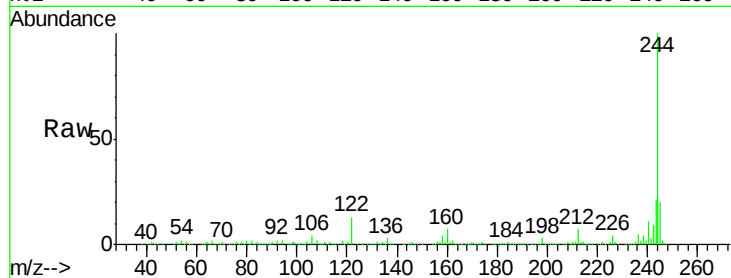




#78
 Terphenyl-d14
 Concen: 94.78 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BF099163.D
 Acq: 6 Oct 2017 22:35

Instrument :
 BNA_F
 ClientSampled :
 PZ-4

Tgt Ion:244 Resp: 1208584
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.6 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF099163.D
 Acq: 6 Oct 2017 22:35

Tgt Ion:264 Resp: 207264
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 21.0 17.5 26.3

