

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
 Data File : BF099230.D
 Acq On : 8 Oct 2017 14:14
 Operator : SJ/JU
 Sample : I5604-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-B-100217

Quant Time: Oct 09 01:44:04 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	129705	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	534532	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	247599	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	447231	20.00	ng	0.00
75) Chrysene-d12	14.03	240	349606	20.00	ng	0.00
86) Perylene-d12	15.50	264	254179	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	942364	115.66	ng	0.02
7) Phenol-d6	6.50	99	999002	99.39	ng	0.00
23) Nitrobenzene-d5	7.43	82	784892	94.17	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	284786	140.56	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1401549	94.50	ng	0.00
78) Terphenyl-d14	12.97	244	1278649	83.18	ng	0.00

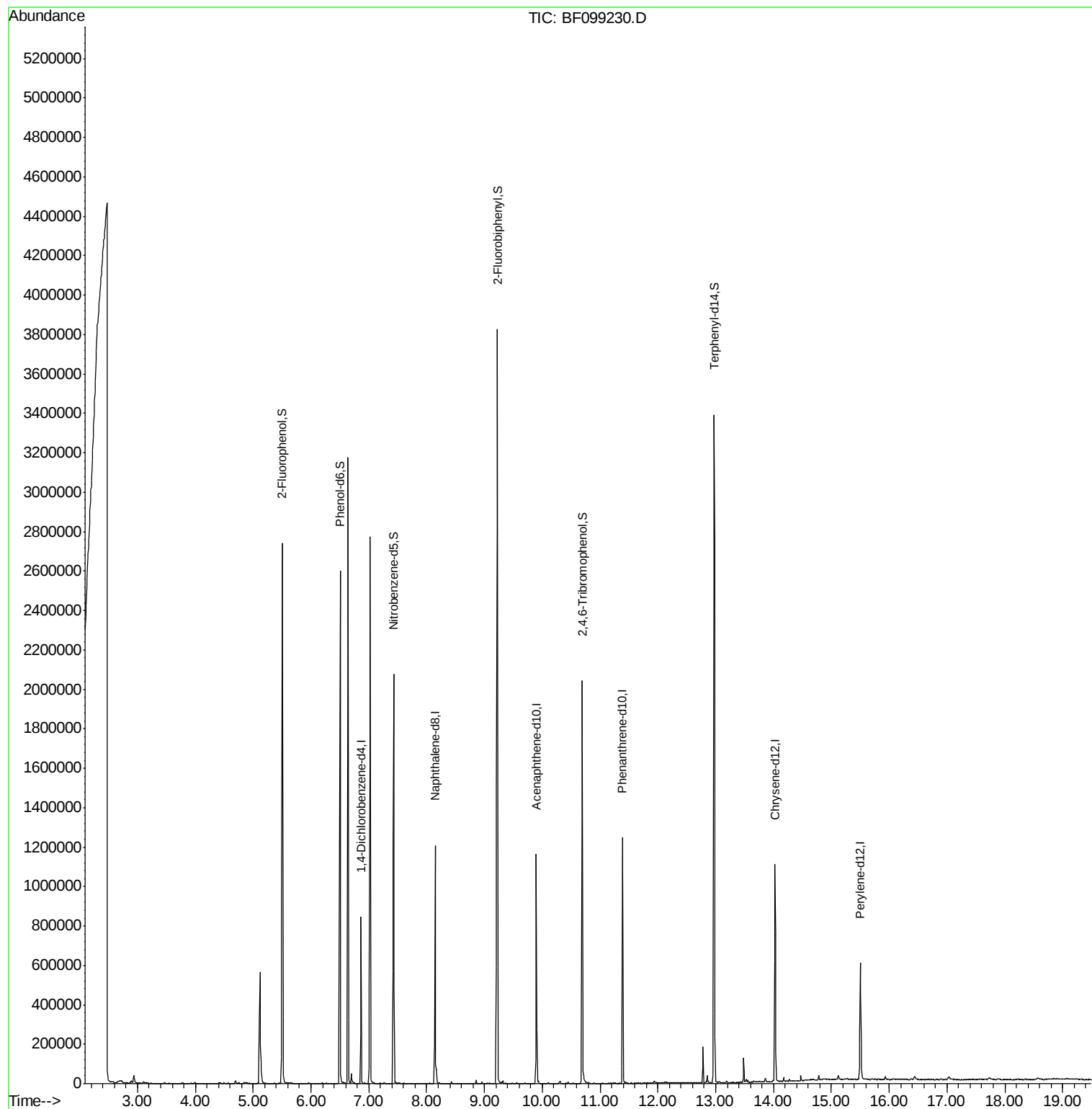
Target Compounds Qvalue

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

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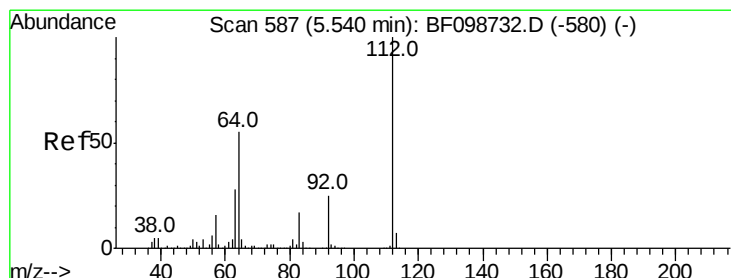
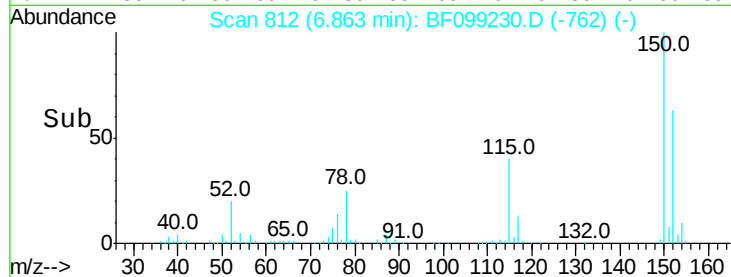
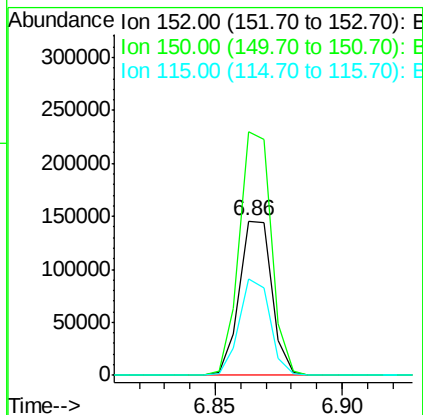
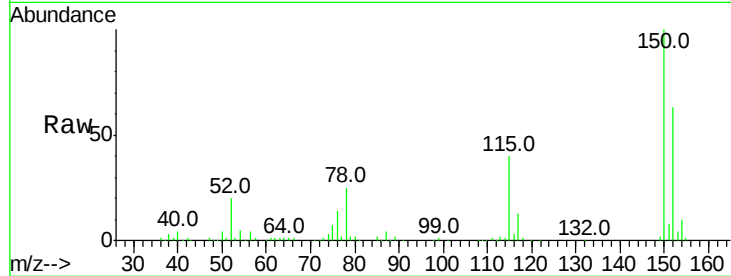


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099230.D
 Acq: 8 Oct 2017 14:14

Instrument :
 BNA_F
 ClientSampleId :
 SP-B-100217

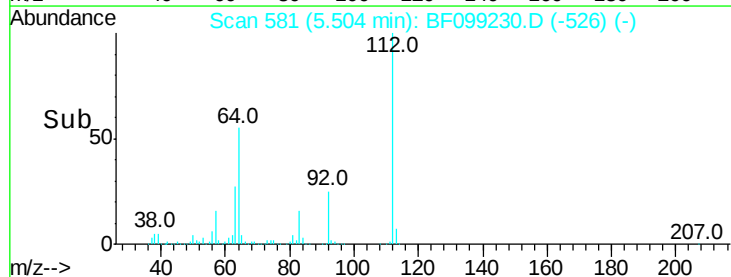
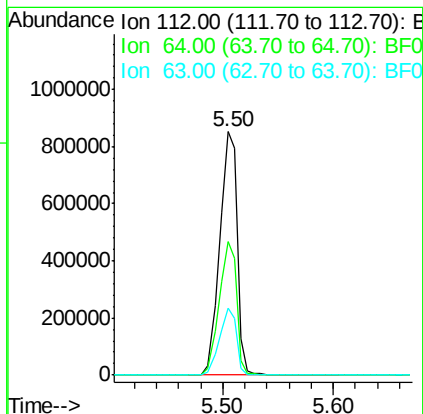
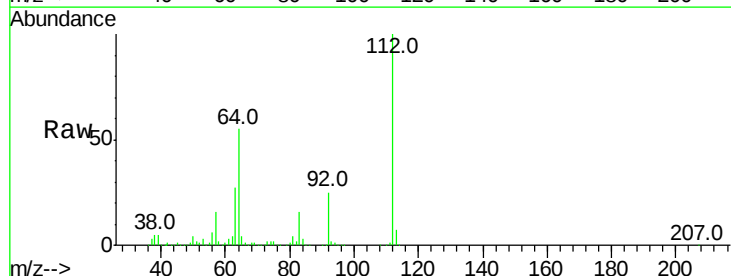
Tot Ion:152 Resp: 129705
 Ion Ratio Lower Upper
 152 100
 150 157.7 124.6 186.8
 115 62.8 50.1 75.1

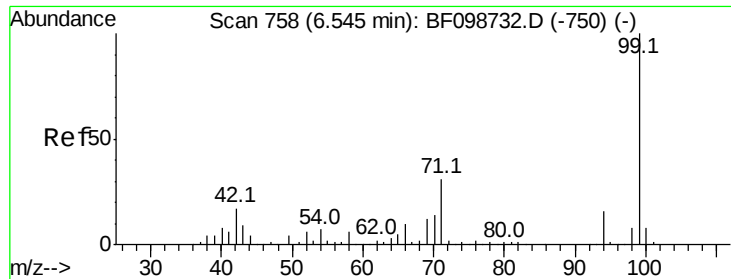


#5

2-Fluorophenol
 Concen: 115.659 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.02 min
 Lab File: BF099230.D
 Acq: 8 Oct 2017 14:14

Tgt Ion:112 Resp: 942364
 Ion Ratio Lower Upper
 112 100
 64 54.9 47.9 71.9
 63 27.3 23.7 35.5





#7

Phenol-d6

Concen: 99.391 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099230.D

Acq: 8 Oct 2017 14:14

Instrument :

BNA_F

ClientSampleId :

SP-B-100217

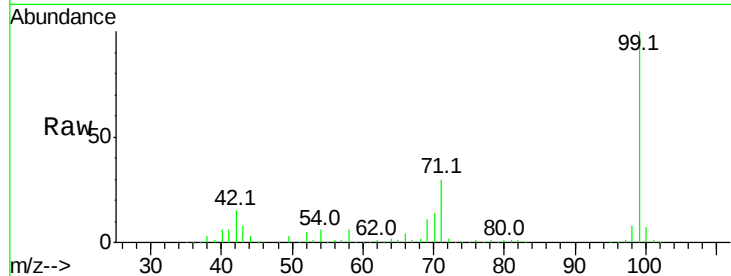
Tot Ion: 99 Resp: 999002

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

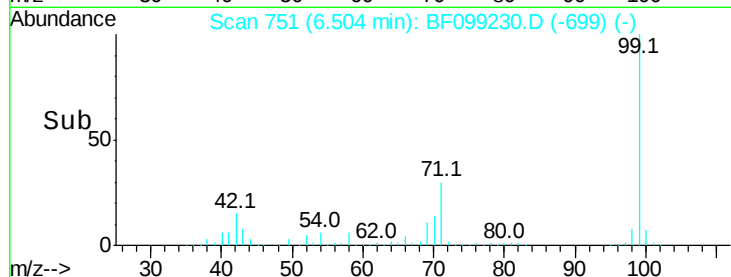
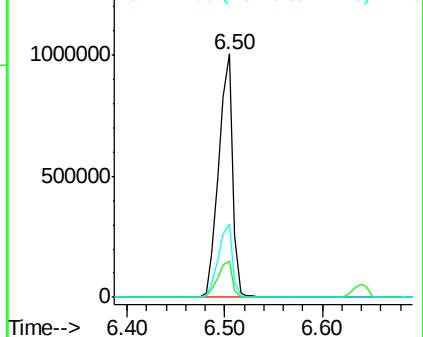
71 30.3 25.4 38.0



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: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099230.D

Acq: 8 Oct 2017 14:14

Tgt Ion: 136 Resp: 534532

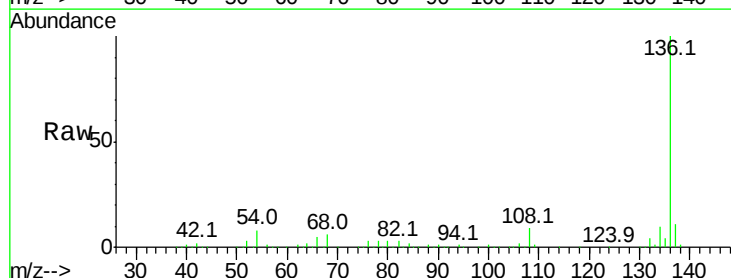
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.5 6.6 9.8

68 6.0 5.0 7.4

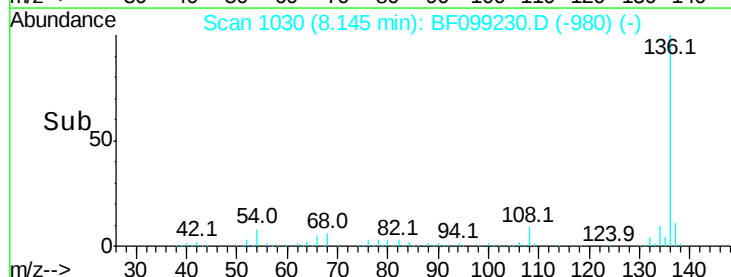
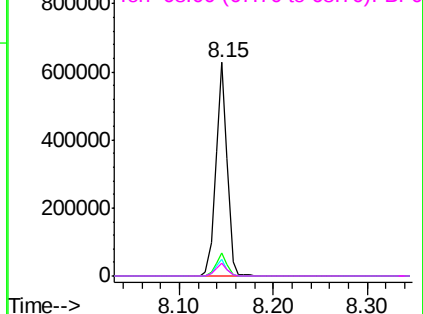


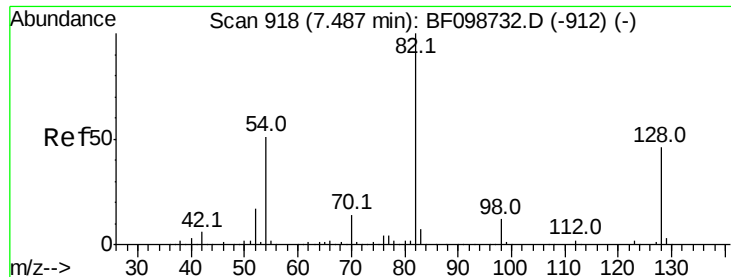
Abundance Ion 136.00 (135.70 to 136.70): E

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

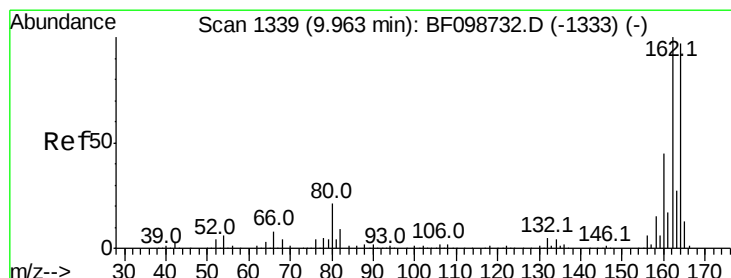
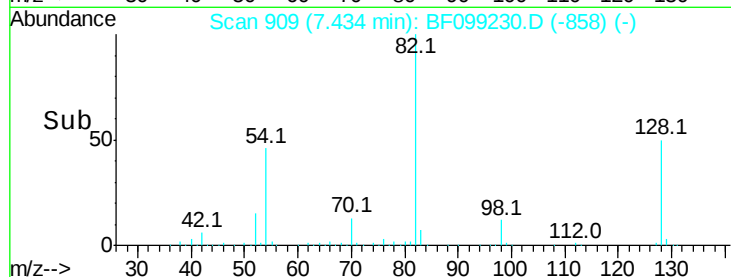
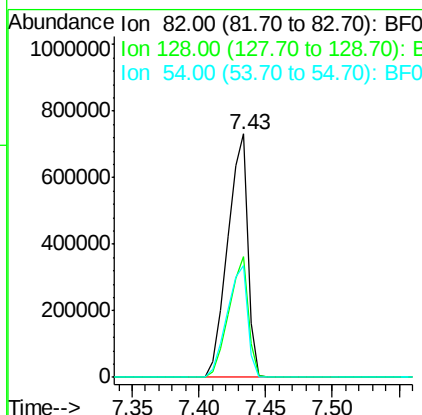
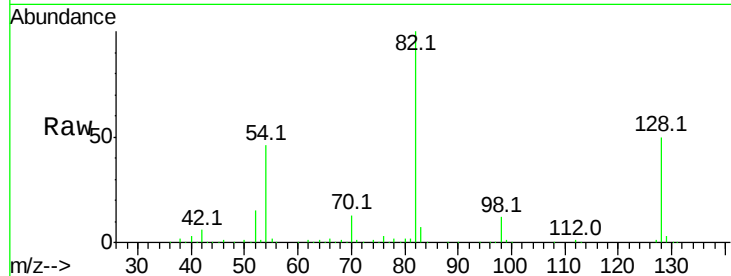




#23
 Nitrobenzene-d5
 Concen: 94.167 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF099230.D
 Acq: 8 Oct 2017 14:14

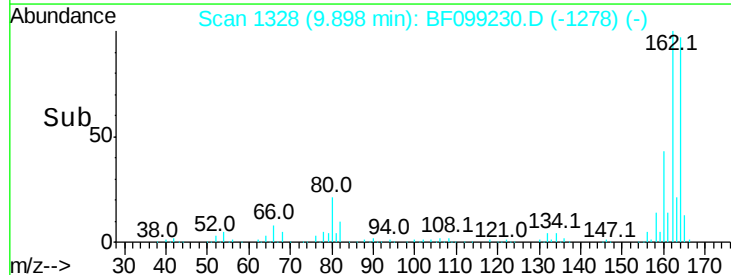
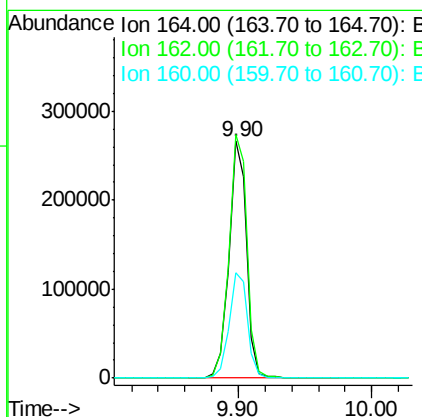
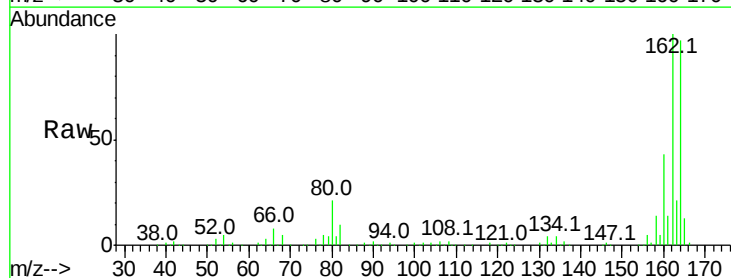
Instrument :
 BNA_F
 ClientSampleId :
 SP-B-100217

Tot Ion	82	Resp	784892
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	46.0	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099230.D
 Acq: 8 Oct 2017 14:14

Tgt Ion	164	Resp	247599
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>86.1</td> <td></td> <td></td>	86.1		
Upper <td>129.1</td> <td></td> <td></td>	129.1		
162	102.8	38.3	57.5
160	44.6		

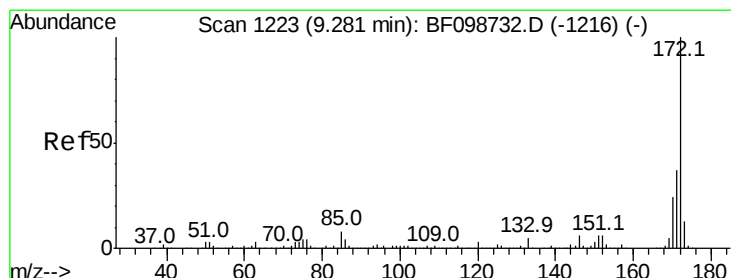
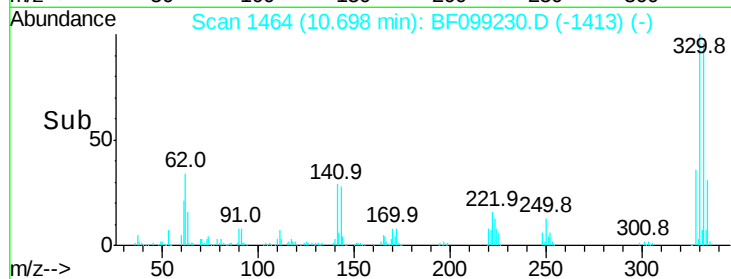
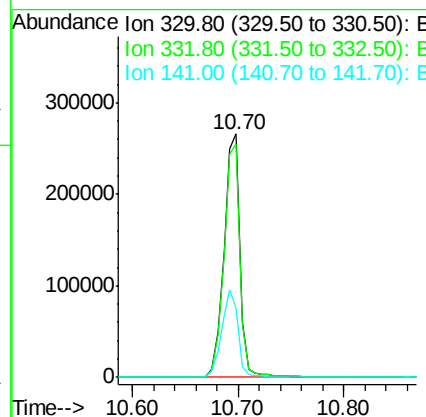
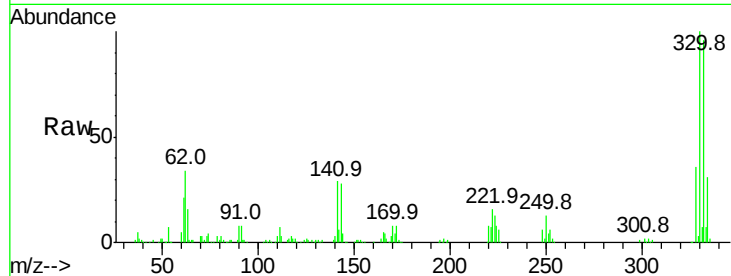




#41
 2,4,6-Tribromophenol
 Concen: 140.563 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF099230.D
 Acq: 8 Oct 2017 14:14

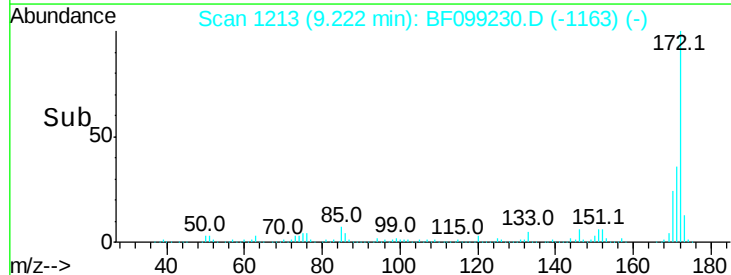
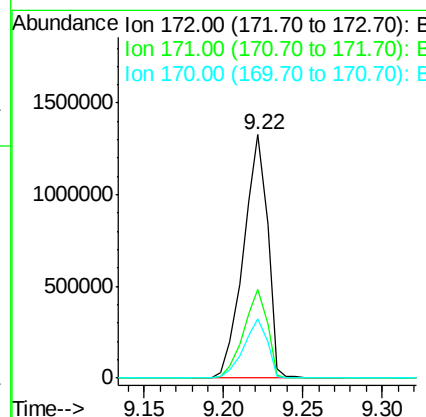
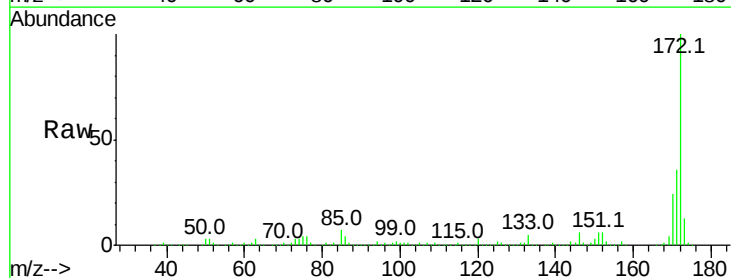
Instrument :
 BNA_F
 ClientSampleId :
 SP-B-100217

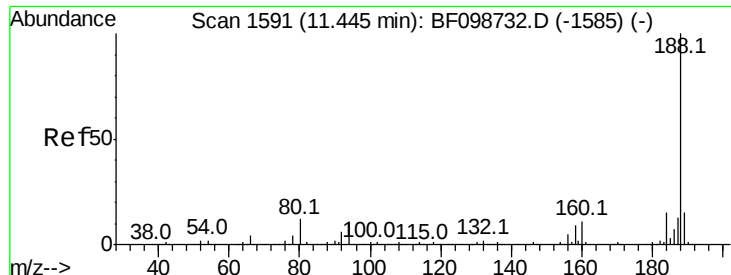
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	37.2	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 94.498 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099230.D
 Acq: 8 Oct 2017 14:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.2	19.6	29.4

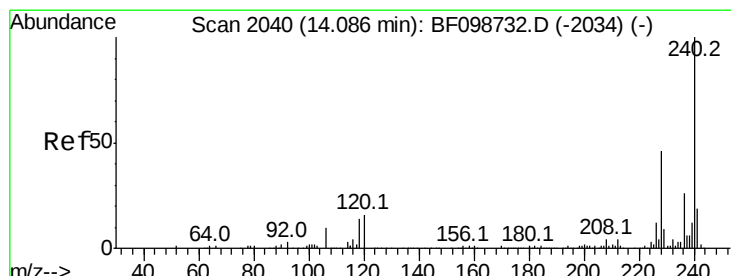
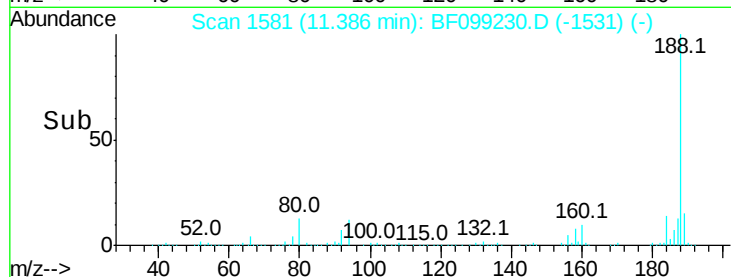
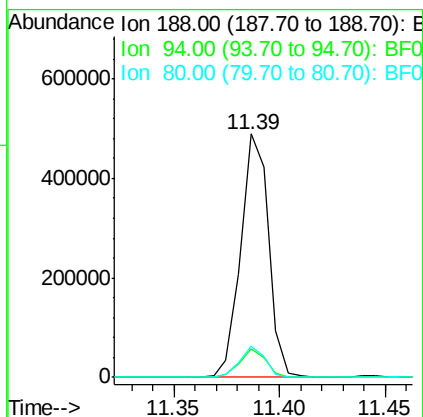
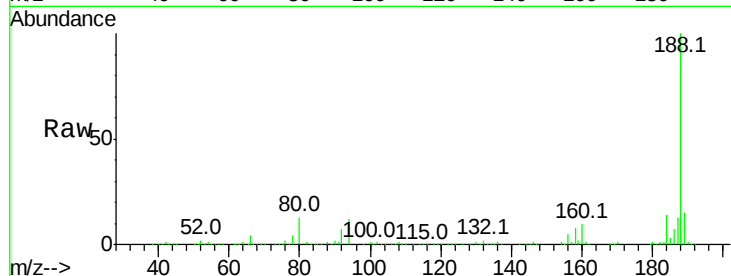




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099230.D
Acq: 8 Oct 2017 14:14

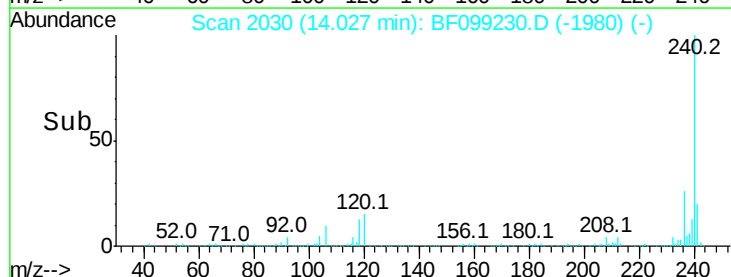
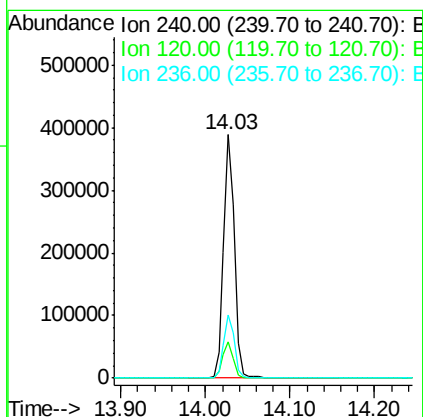
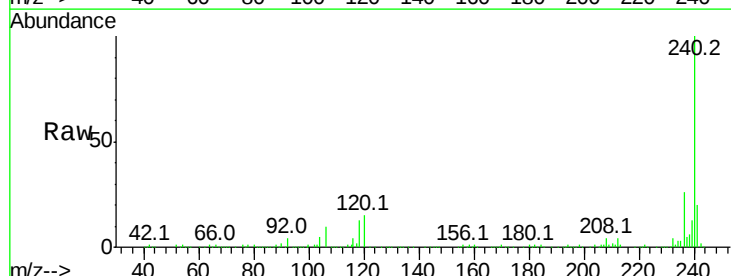
Instrument :
BNA_F
ClientSampleId :
SP-B-100217

Tot Ion:188 Resp: 447231
Ion Ratio Lower Upper
188 100
94 11.7 8.5 12.7
80 12.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099230.D
Acq: 8 Oct 2017 14:14

Tgt Ion:240 Resp: 349606
Ion Ratio Lower Upper
240 100
120 14.9 9.5 14.3#
236 25.7 20.7 31.1





#78

Terphenyl-d14

Concen: 83.177 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.00 min

Lab File: BF099230.D

Acq: 8 Oct 2017 14:14

Instrument :

BNA_F

ClientSampleId :

SP-B-100217

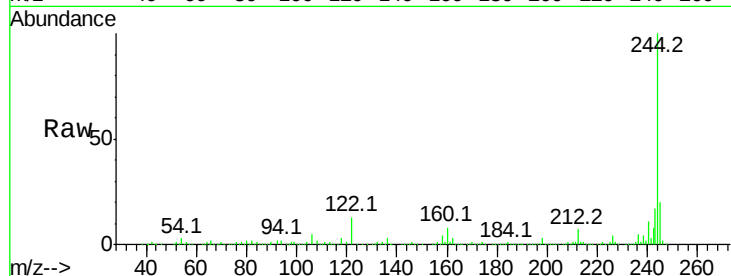
Tot Ion:244 Resp: 1278649

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

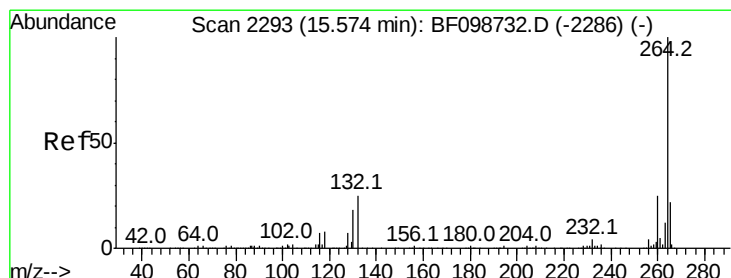
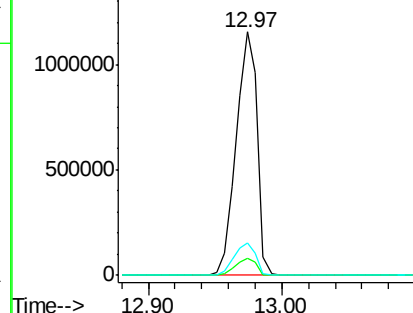
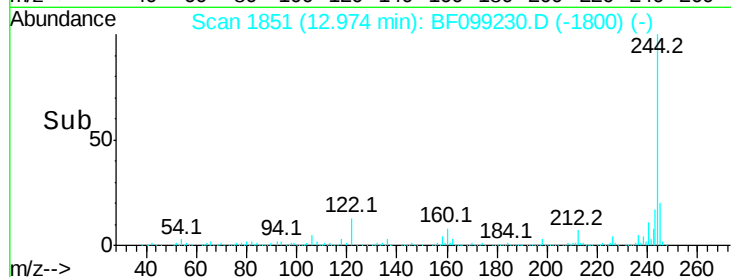
122 13.4 11.0 16.4



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: 15.50 min Scan# 2281

Delta R.T. 0.00 min

Lab File: BF099230.D

Acq: 8 Oct 2017 14:14

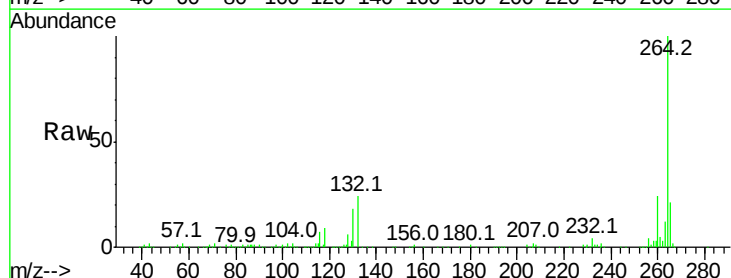
Tgt Ion:264 Resp: 254179

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.3 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

