

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099551.D
 Acq On : 16 Oct 2017 18:35
 Operator : SJ/JU
 Sample : I5816-01 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-101117

Quant Time: Oct 16 19:23:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 19:21:03 2017
 Response via : Initial Calibration

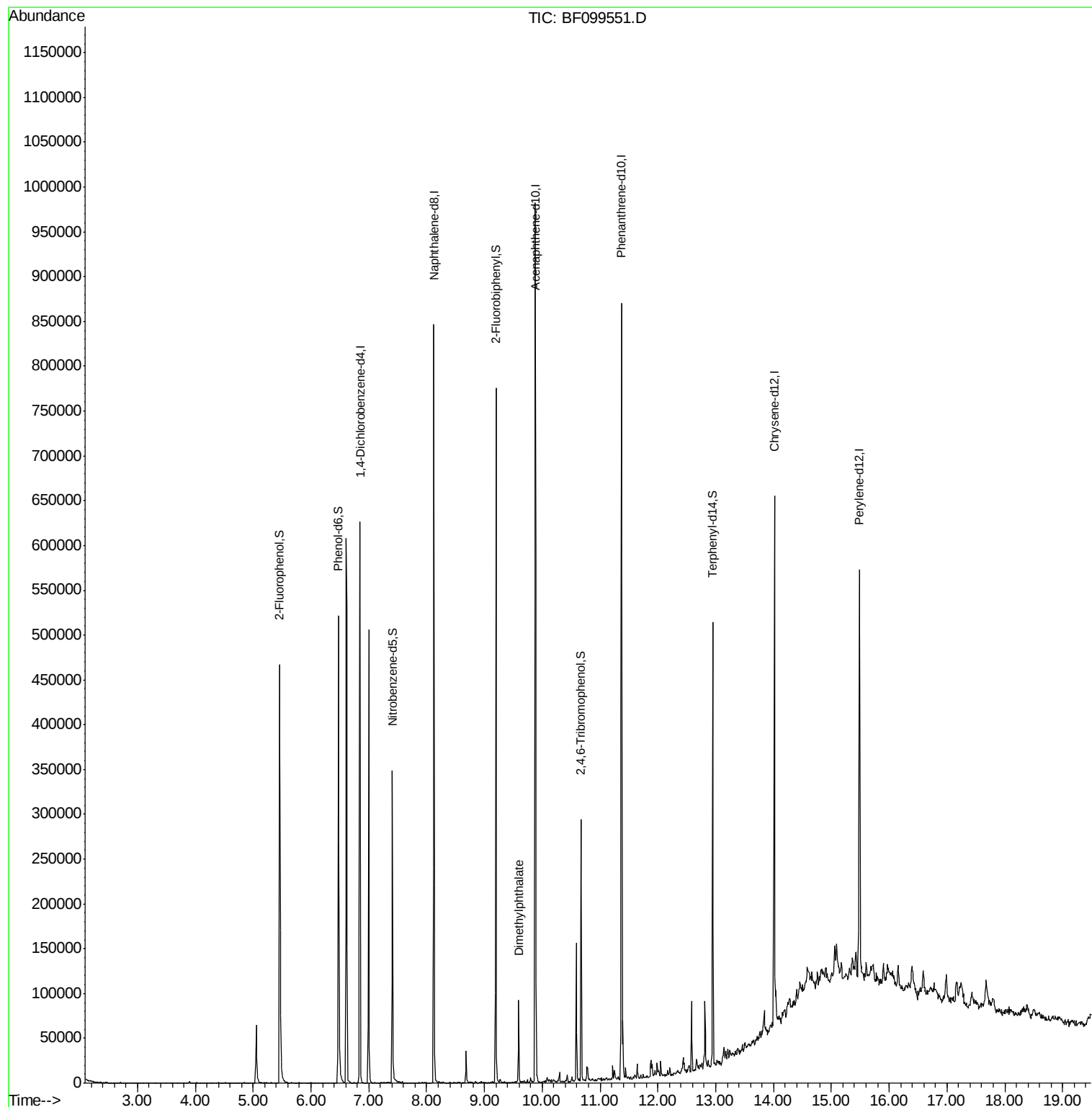
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	103437	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	419947	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	180679	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	281296	20.00	ng	0.00
75) Chrysene-d12	14.02	240	187365	20.00	ng	0.00
86) Perylene-d12	15.49	264	201507	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	158381	24.37	ng	0.00
7) Phenol-d6	6.47	99	190490	23.76	ng	-0.01
23) Nitrobenzene-d5	7.40	82	110217	16.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	31758	21.48	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	224068	20.70	ng	0.00
78) Terphenyl-d14	12.95	244	145148	17.62	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.59	163	36444	2.673	ng	99

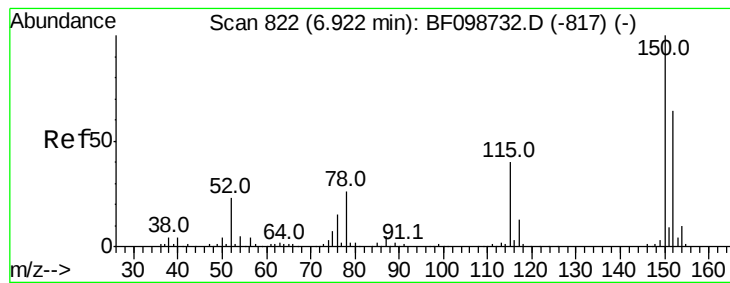
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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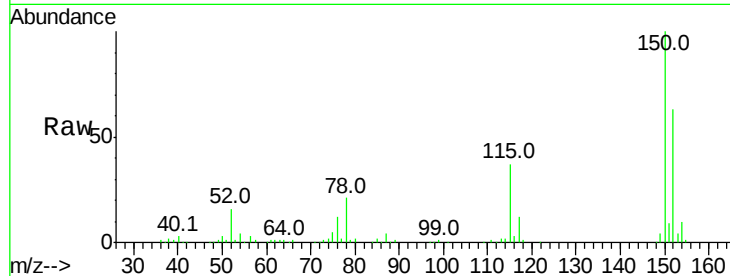


#1

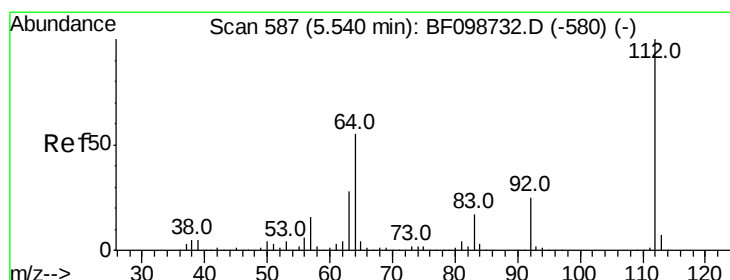
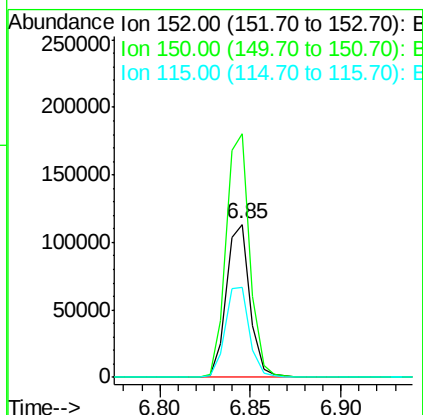
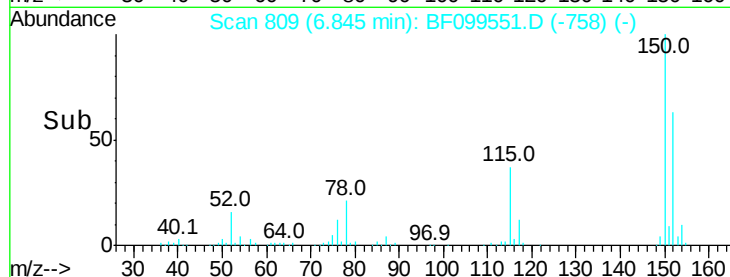
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF099551.D
 Acq: 16 Oct 2017 18:35

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-101117

Tot Ion:152 Resp: 103437
 Ion Ratio Lower Upper
 152 100
 150 159.4 124.6 186.8
 115 58.7 50.1 75.1



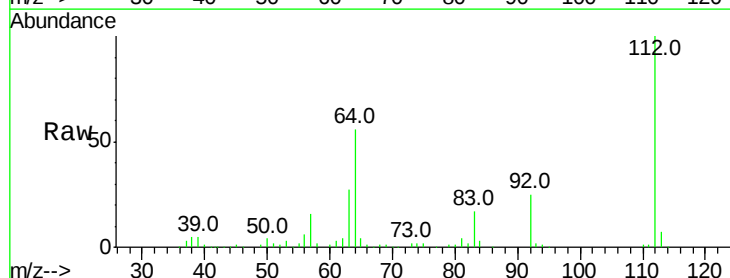
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



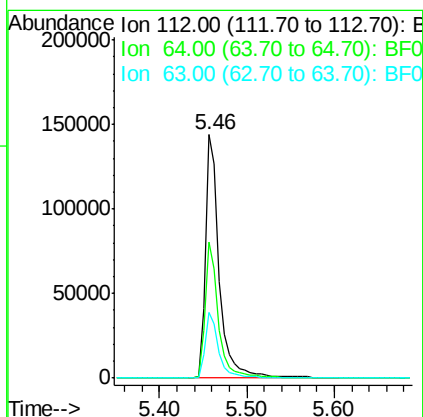
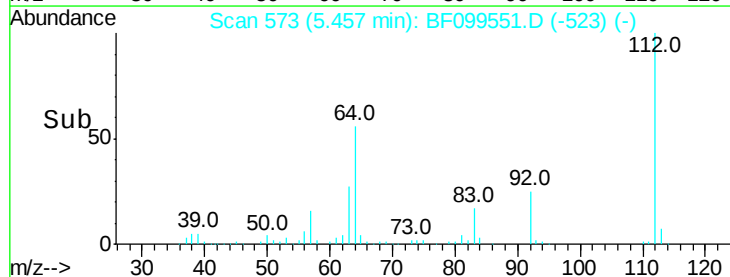
#5

2-Fluorophenol
 Concen: 24.375 ng
 RT: 5.46 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF099551.D
 Acq: 16 Oct 2017 18:35

Tgt Ion:112 Resp: 158381
 Ion Ratio Lower Upper
 112 100
 64 55.8 47.9 71.9
 63 27.0 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: 23.765 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099551.D

Acq: 16 Oct 2017 18:35

Instrument :

BNA_F

ClientSampleId :

OR-01-101117

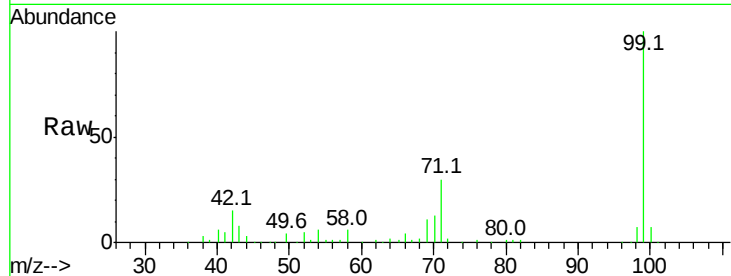
Tot Ion: 99 Resp: 190490

Ion Ratio Lower Upper

99 100

42 14.5 14.5 21.7

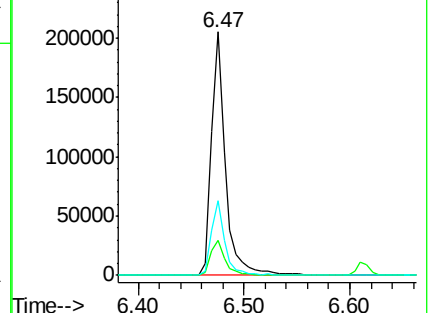
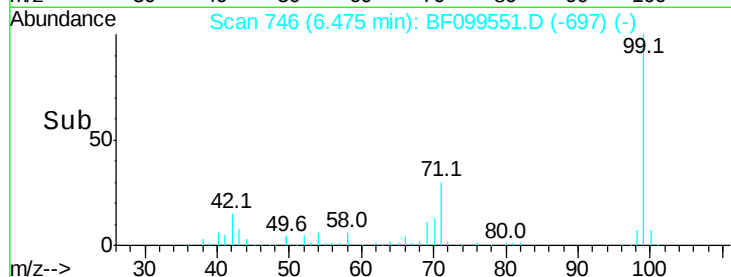
71 30.4 25.4 38.0



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: 8.13 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF099551.D

Acq: 16 Oct 2017 18:35

Tgt Ion: 136 Resp: 419947

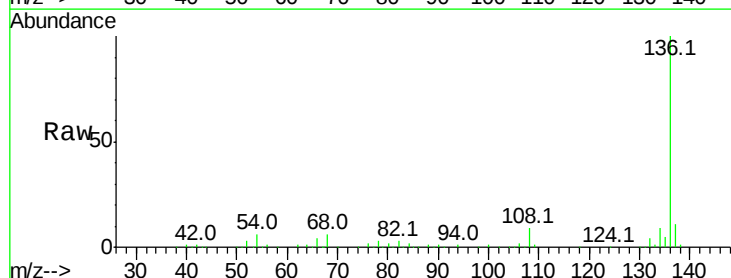
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 6.4 6.6 9.8#

68 5.5 5.0 7.4

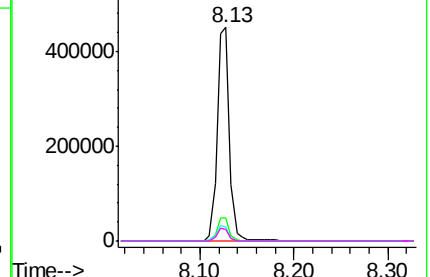
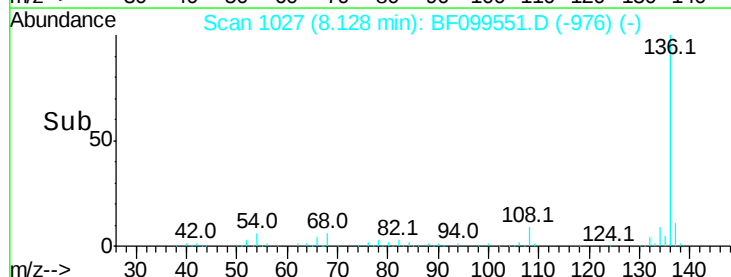


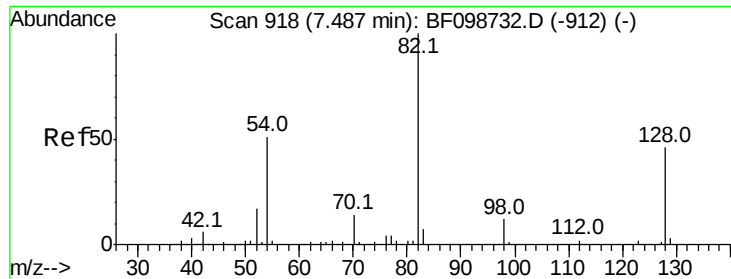
Abundance Ion 136.00 (135.70 to 136.70): E

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

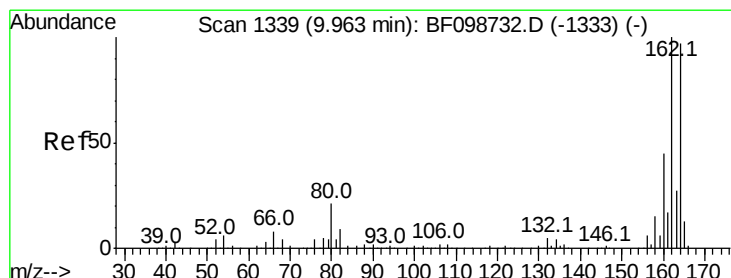
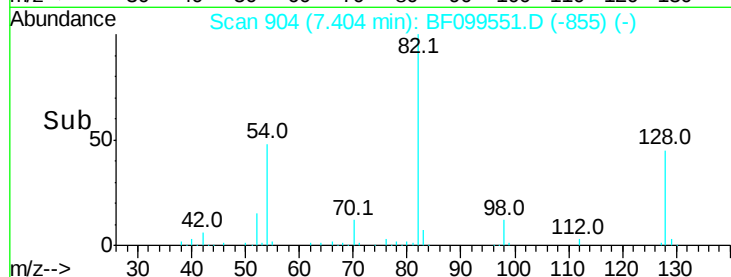
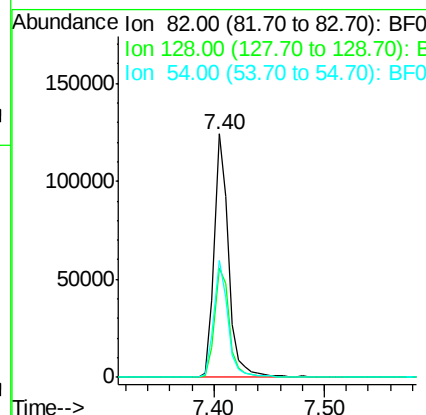
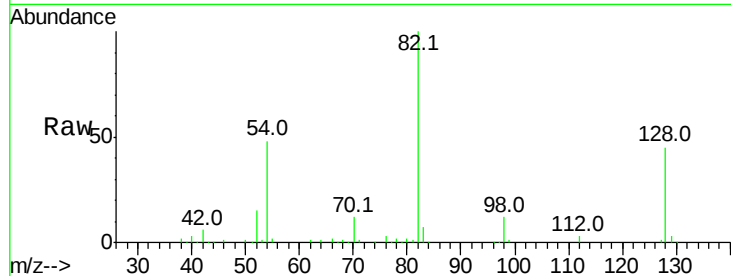




#23
 Nitrobenzene-d5
 Concen: 16.831 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF099551.D
 Acq: 16 Oct 2017 18:35

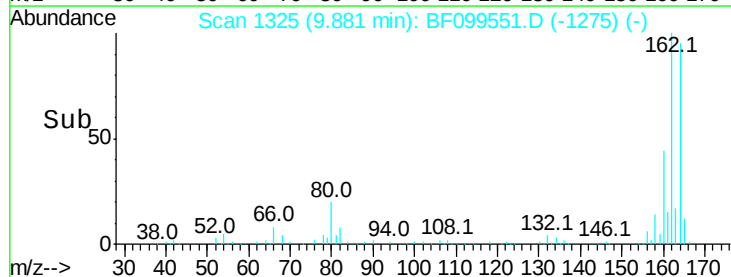
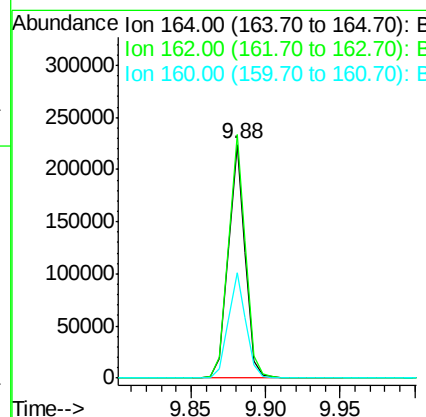
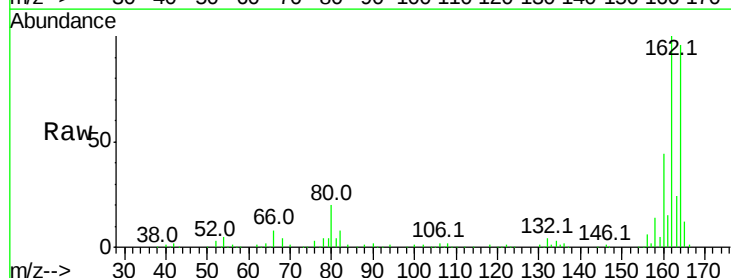
Instrument :
 BNA_F
 ClientSampleId :
 OR-01-101117

Tot Ion: 82 Resp: 110217
 Ion Ratio Lower Upper
 82 100
 128 45.0 36.1 54.1
 54 47.8 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF099551.D
 Acq: 16 Oct 2017 18:35

Tgt Ion:164 Resp: 180679
 Ion Ratio Lower Upper
 164 100
 162 104.1 86.1 129.1
 160 45.3 38.3 57.5

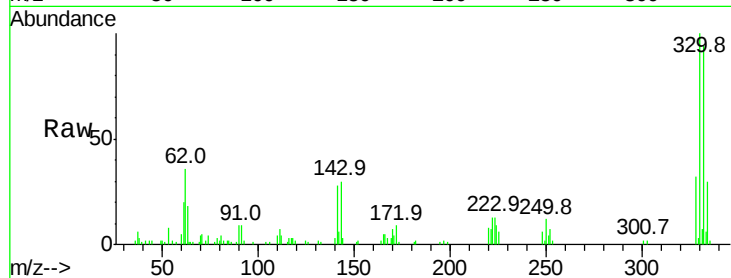




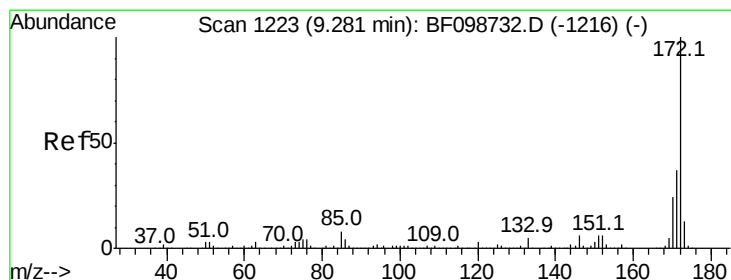
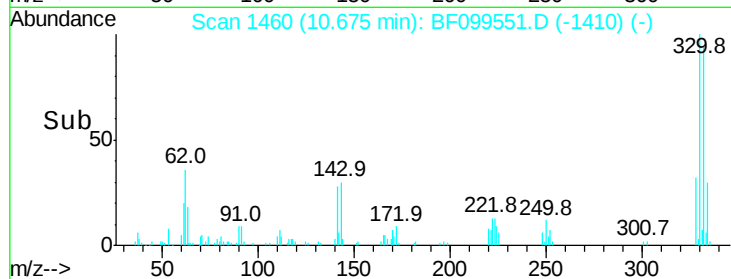
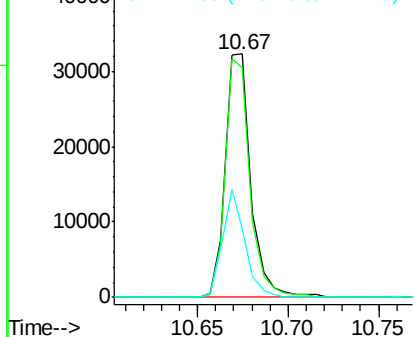
#41
 2,4,6-Tribromophenol
 Concen: 21.481 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF099551.D
 Acq: 16 Oct 2017 18:35

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-101117

Tot Ion:330 Resp: 31758
 Ion Ratio Lower Upper
 330 100
 332 94.0 77.0 115.6
 141 38.3 29.9 44.9

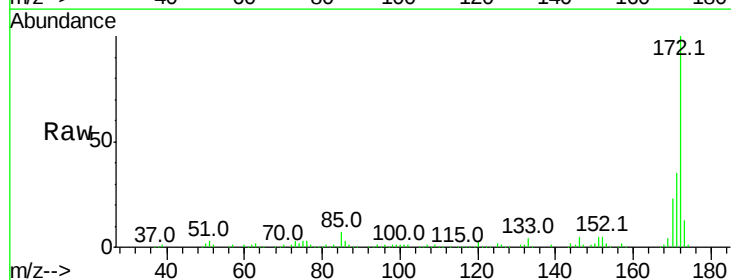


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

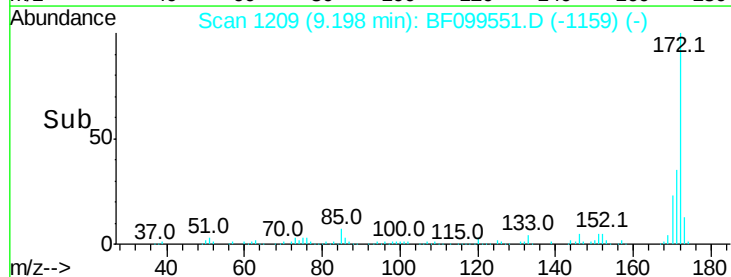
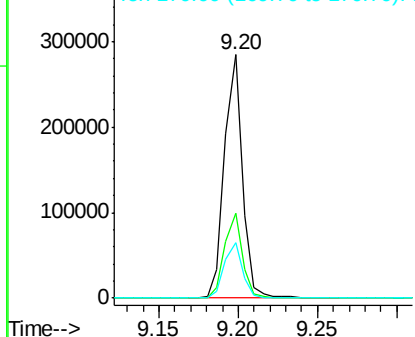


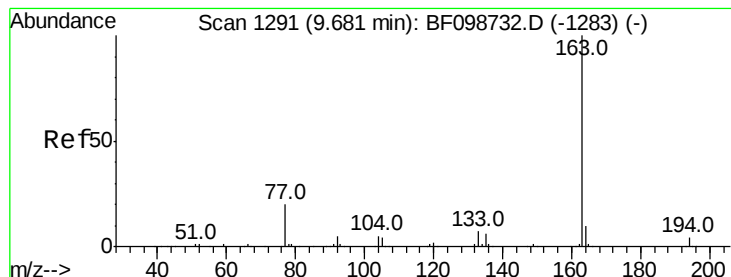
#44
 2-Fluorobiphenyl
 Concen: 20.703 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF099551.D
 Acq: 16 Oct 2017 18:35

Tgt Ion:172 Resp: 224068
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.7 44.5
 170 22.8 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





#49

Dimethylphthalate

Concen: 2.673 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF099551.D

Acq: 16 Oct 2017 18:35

Instrument :

BNA_F

ClientSampleId :

OR-01-101117

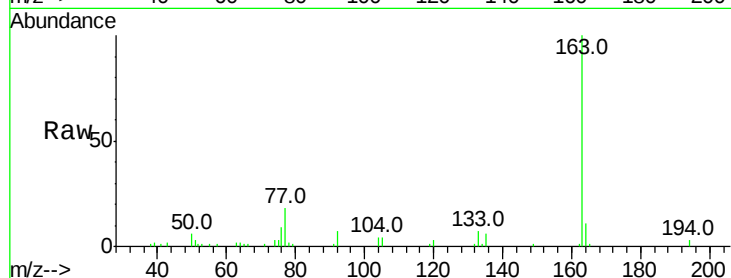
Tot Ion:163 Resp: 36444

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

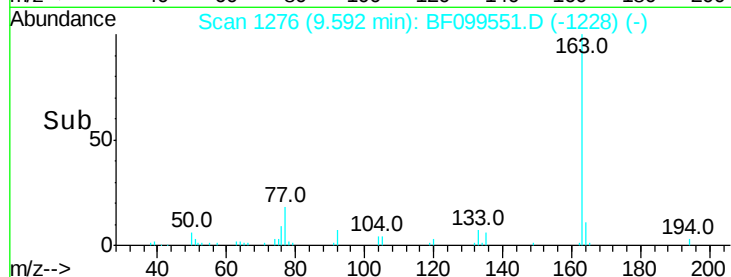
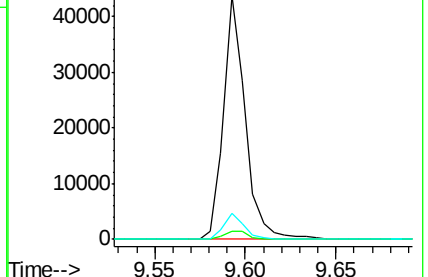
164 10.6 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF099551.D

Acq: 16 Oct 2017 18:35

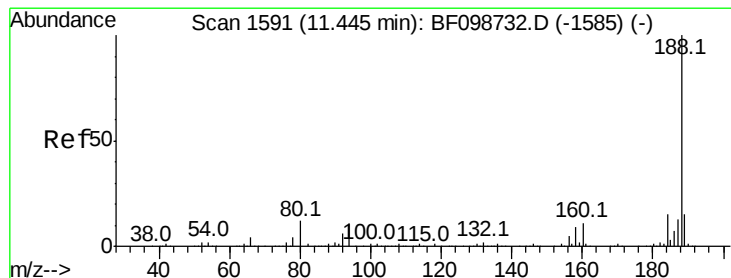
Tgt Ion:188 Resp: 281296

Ion Ratio Lower Upper

188 100

94 11.3 8.5 12.7

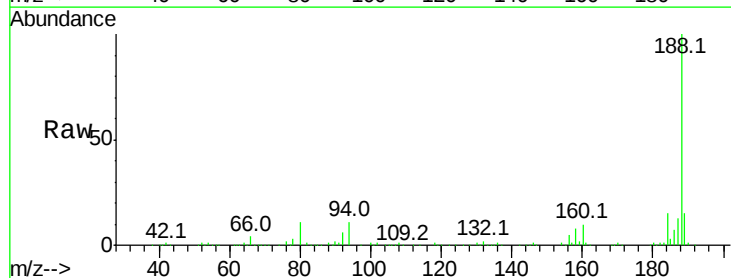
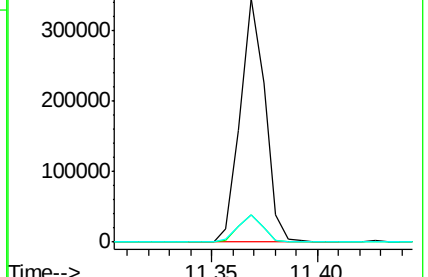
80 11.4 9.2 13.8

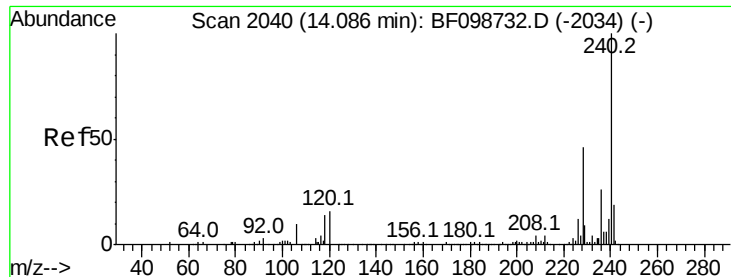


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF099551.D

Acq: 16 Oct 2017 18:35

Instrument :

BNA_F

ClientSampleId :

OR-01-101117

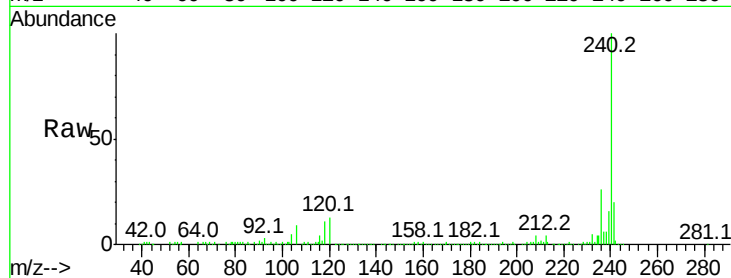
Tot Ion:240 Resp: 187365

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

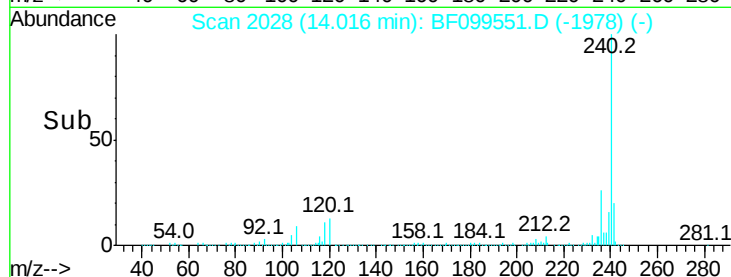
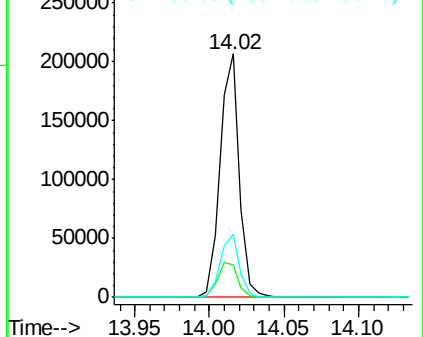
236 26.2 20.7 31.1



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: 17.618 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF099551.D

Acq: 16 Oct 2017 18:35

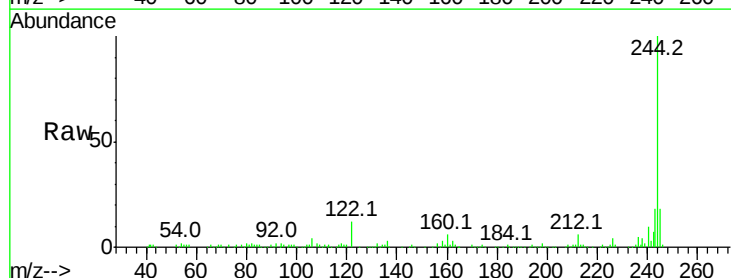
Tgt Ion:244 Resp: 145148

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

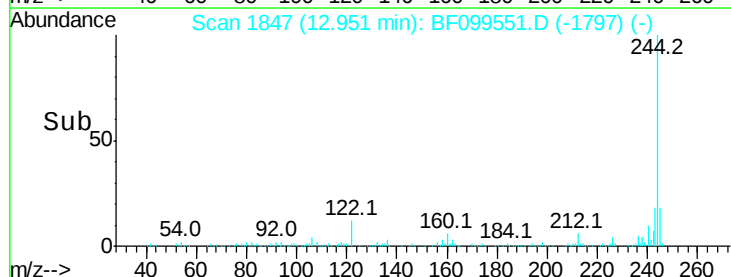
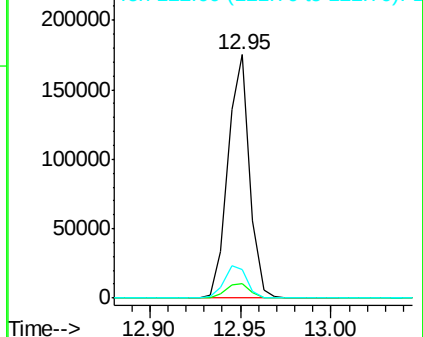
122 11.9 11.0 16.4

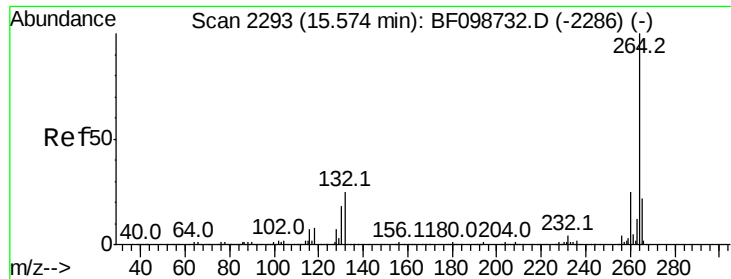


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF099551.D
Acq: 16 Oct 2017 18:35

Instrument :
BNA_F
ClientSampleId :
OR-01-101117

Tot Ion:	264	Resp:	201507
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.8	17.5	26.3

