

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
 Data File : BF099735.D
 Acq On : 21 Oct 2017 18:39
 Operator : SJ/JU
 Sample : I6025-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-03

Quant Time: Oct 22 01:26:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	91663	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	380486	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	170664	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	279412	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	163723	20.00	ng	0.00
86) Perylene-d12	15.44	264	164431	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	354094	61.50	ng	0.00
7) Phenol-d6	6.45	99	268490	37.80	ng	-0.01
23) Nitrobenzene-d5	7.38	82	519623	87.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	187137	134.00	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1012989	99.09	ng	0.00
78) Terphenyl-d14	12.92	244	658862	91.52	ng	0.00

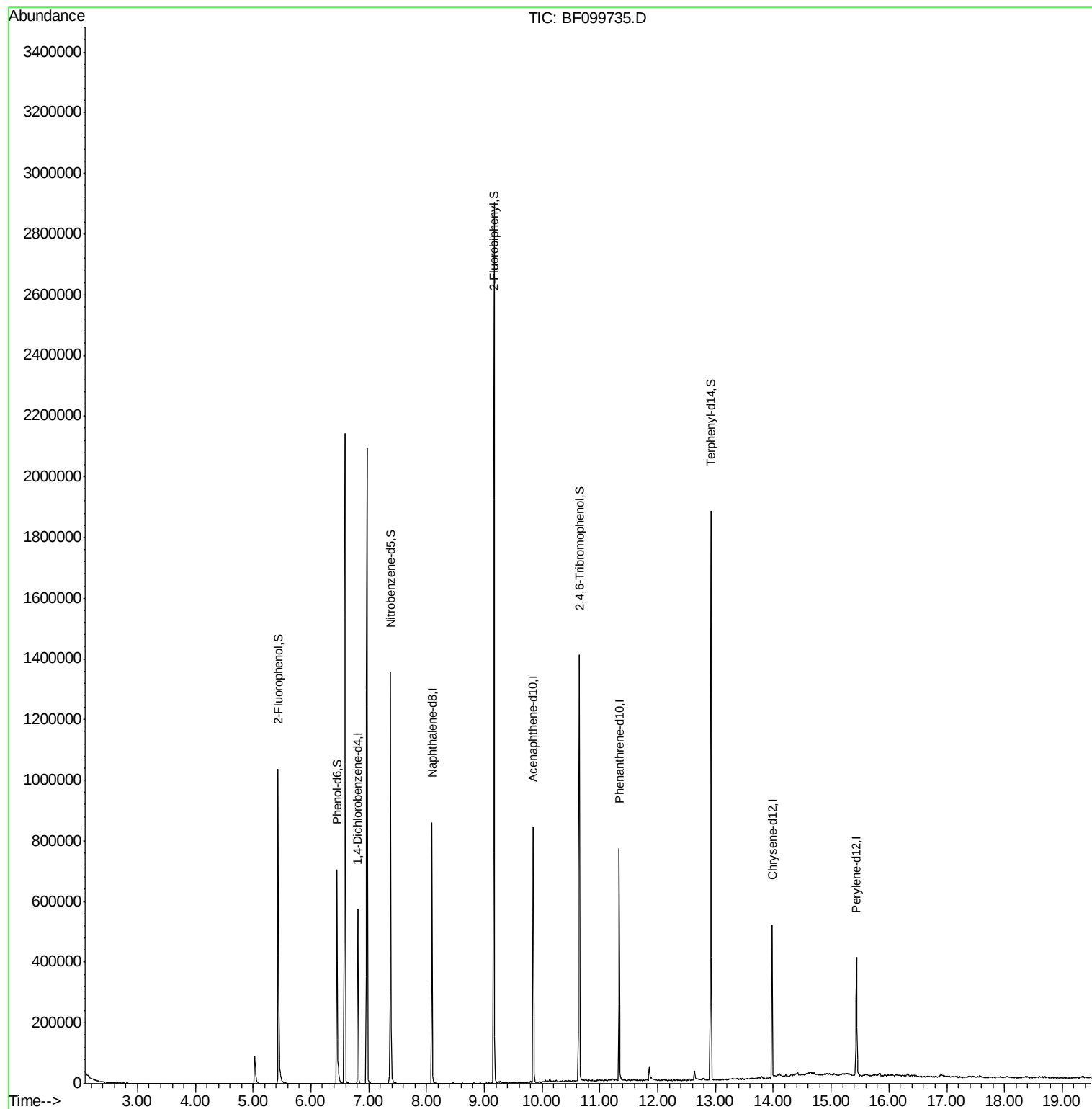
Target Compounds Qvalue

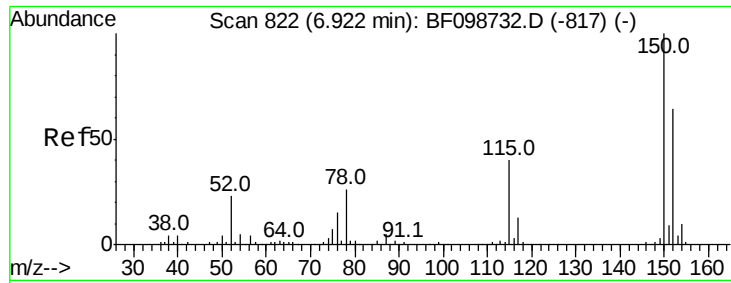
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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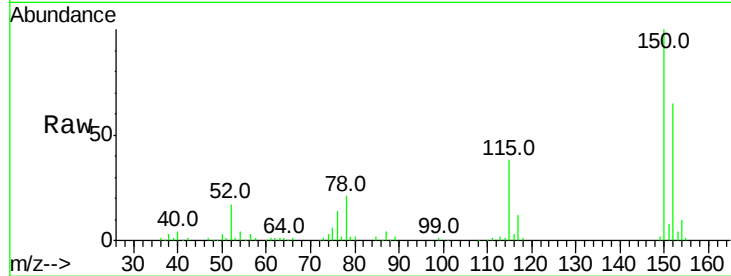


#1

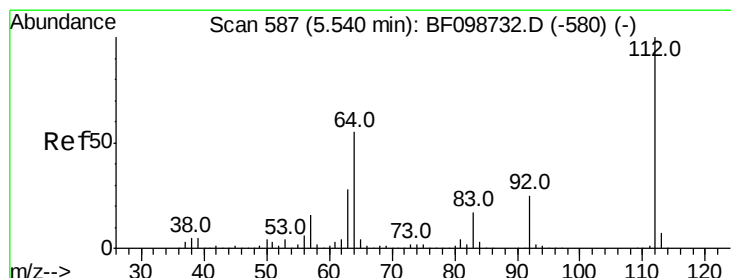
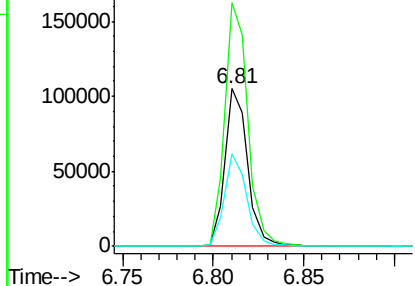
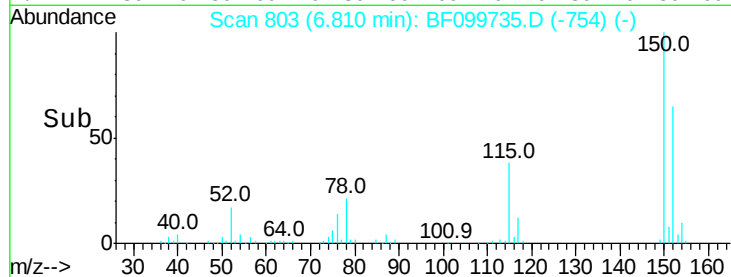
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF099735.D
Acq: 21 Oct 2017 18:39

Instrument :
BNA_F
ClientSampleId :
MW-03

Tot Ion:152 Resp: 91663
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 58.8 50.1 75.1



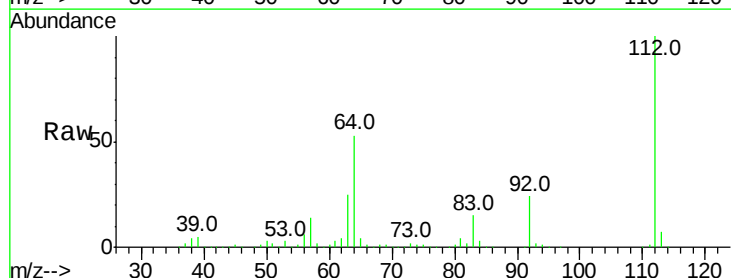
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



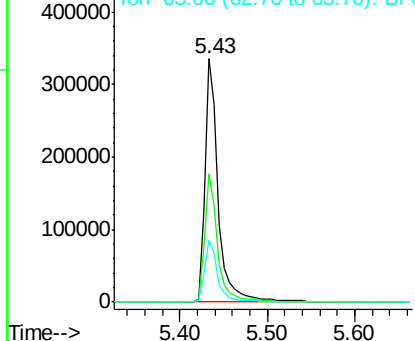
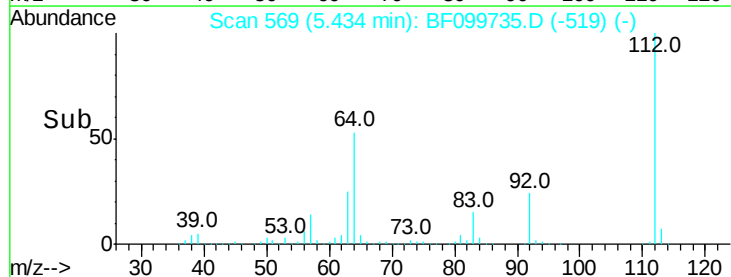
#5

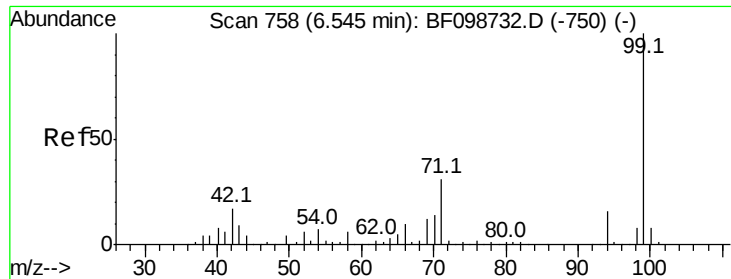
2-Fluorophenol
Concen: 61.495 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF099735.D
Acq: 21 Oct 2017 18:39

Tgt Ion:112 Resp: 354094
Ion Ratio Lower Upper
112 100
64 52.5 47.9 71.9
63 25.2 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: 37.798 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF099735.D

Acq: 21 Oct 2017 18:39

Instrument :

BNA_F

ClientSampleId :

MW-03

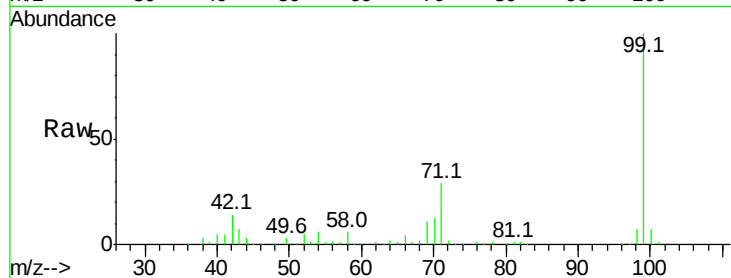
Tot Ion: 99 Resp: 268490

Ion Ratio Lower Upper

99 100

42 14.3 14.5 21.7#

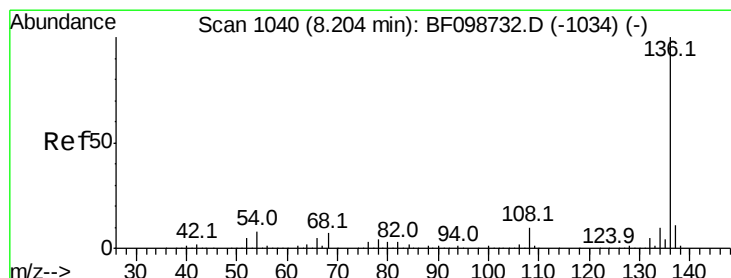
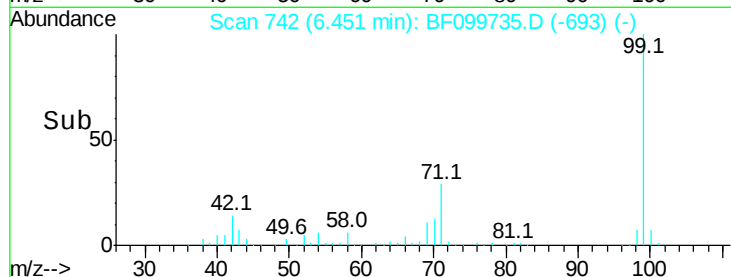
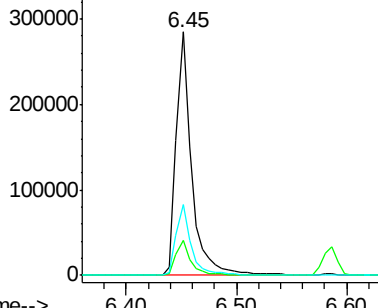
71 28.8 25.4 38.0



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: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF099735.D

Acq: 21 Oct 2017 18:39

Tgt Ion: 136 Resp: 380486

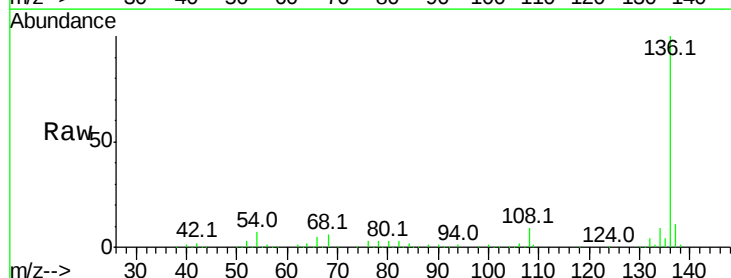
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.2 6.6 9.8

68 5.8 5.0 7.4

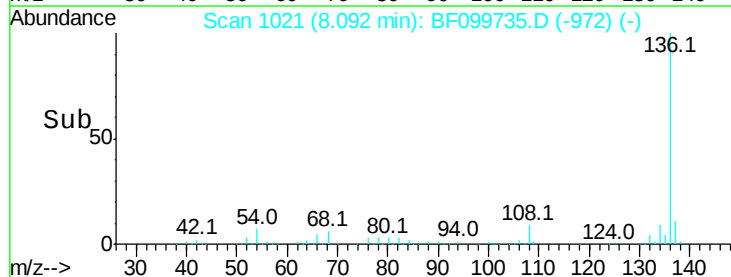
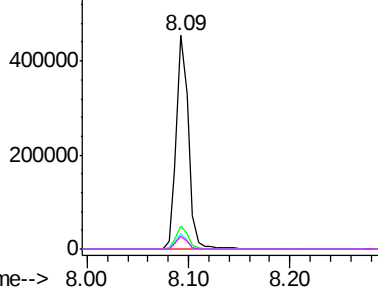


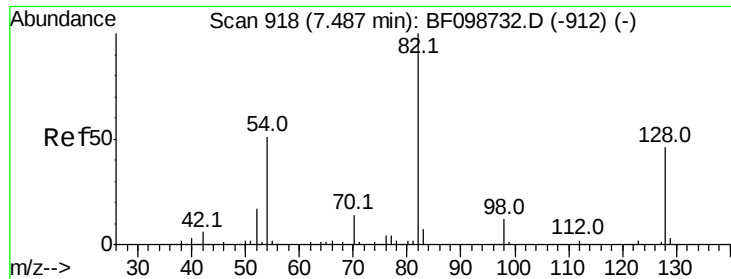
Abundance Ion 136.00 (135.70 to 136.70): E

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

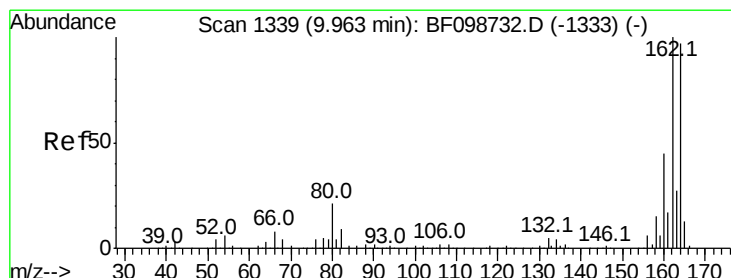
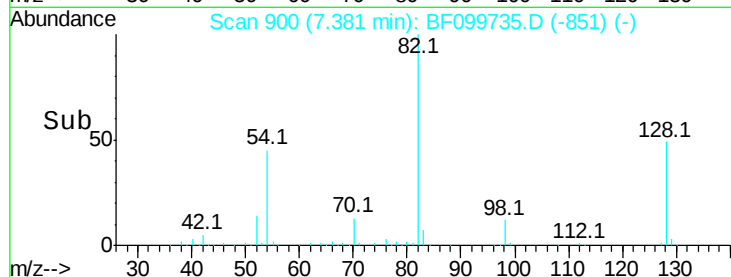
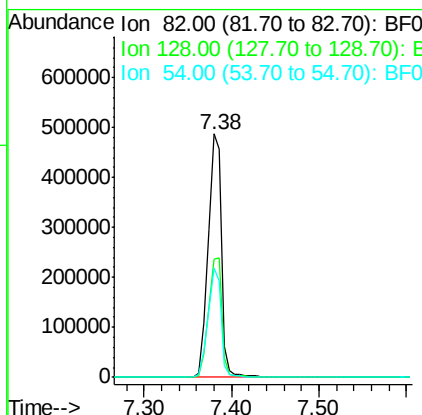
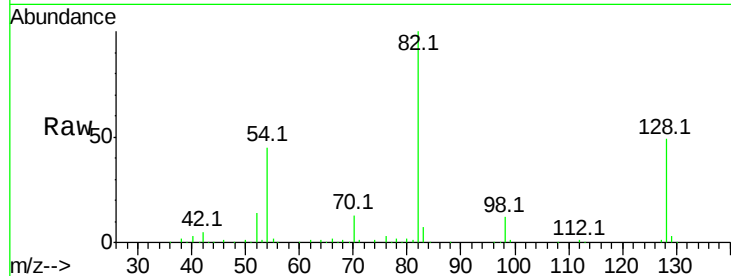




#23
 Nitrobenzene-d5
 Concen: 87.581 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF099735.D
 Acq: 21 Oct 2017 18:39

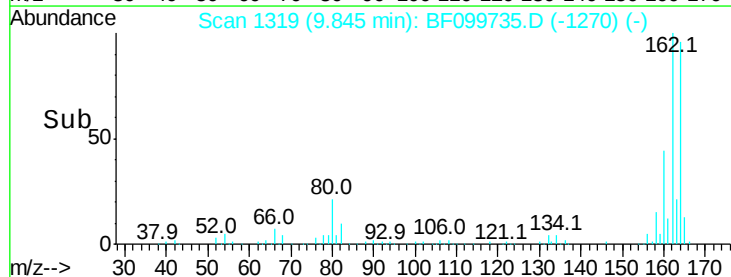
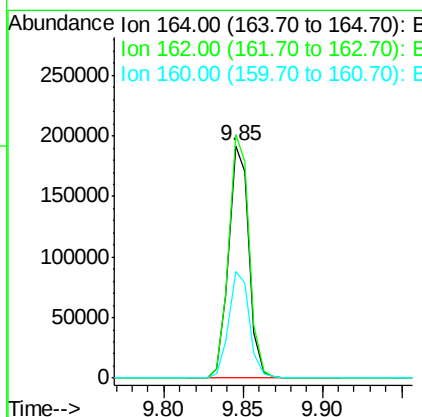
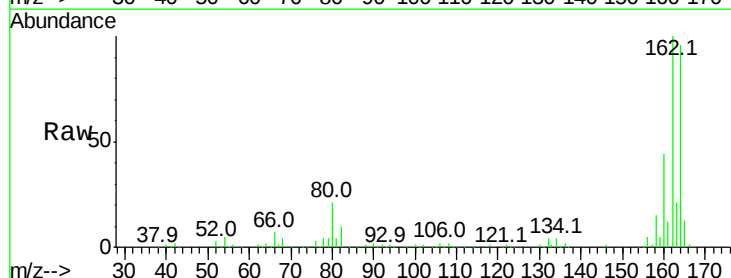
Instrument :
 BNA_F
 ClientSampleId :
 MW-03

Tot Ion: 82 Resp: 519623
 Ion Ratio Lower Upper
 82 100
 128 48.5 36.1 54.1
 54 44.9 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF099735.D
 Acq: 21 Oct 2017 18:39

Tgt Ion:164 Resp: 170664
 Ion Ratio Lower Upper
 164 100
 162 104.7 86.1 129.1
 160 45.9 38.3 57.5

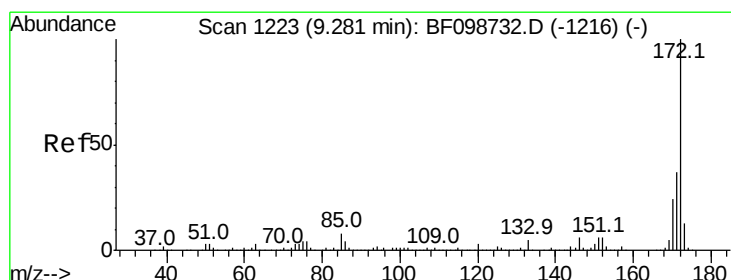
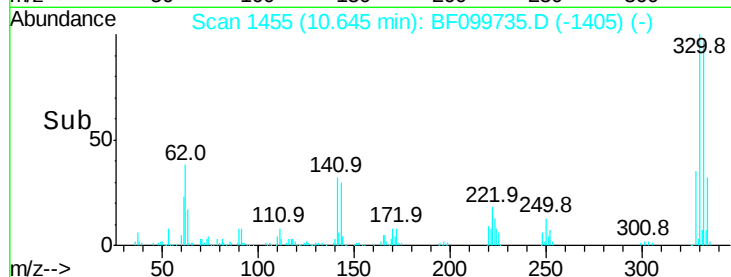
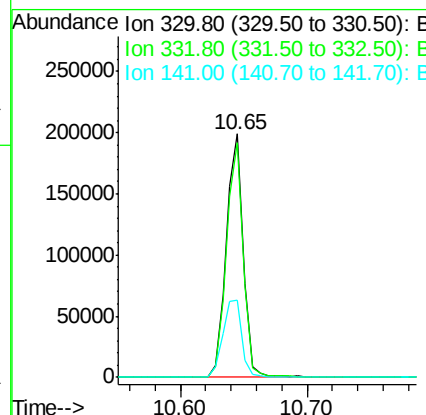
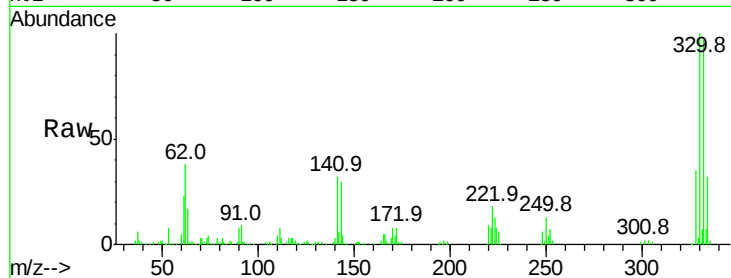




#41
 2,4,6-Tribromophenol
 Concen: 134.005 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF099735.D
 Acq: 21 Oct 2017 18:39

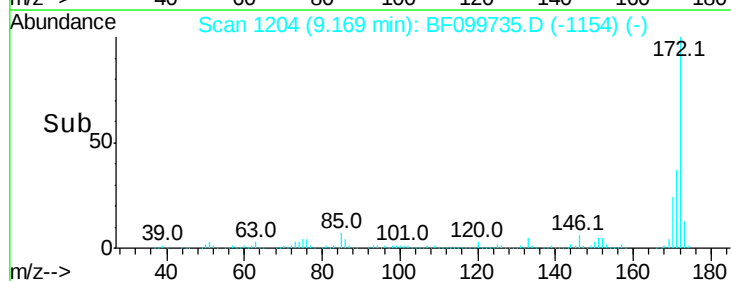
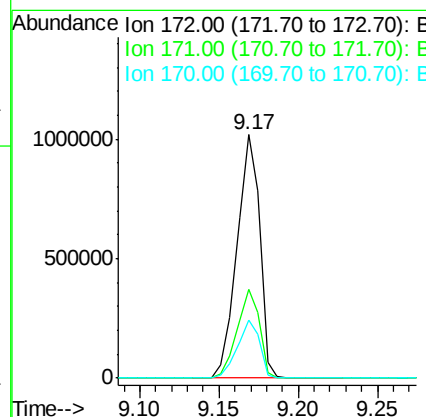
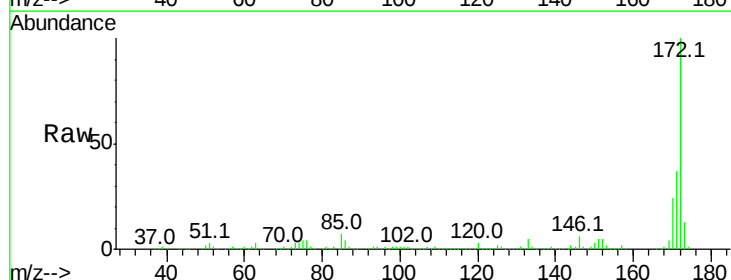
Instrument :
 BNA_F
 ClientSampled :
 MW-03

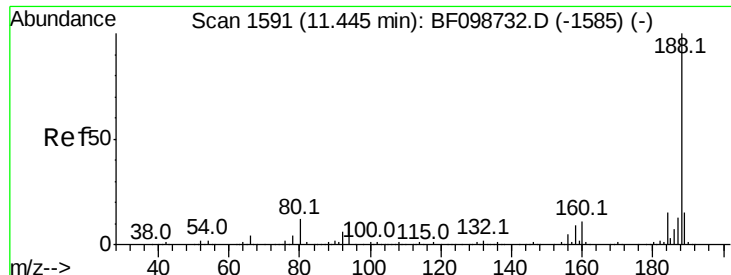
Tot Ion:330 Resp: 187137
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 35.5 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 99.089 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF099735.D
 Acq: 21 Oct 2017 18:39

Tgt Ion:172 Resp: 1012989
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 23.9 19.6 29.4

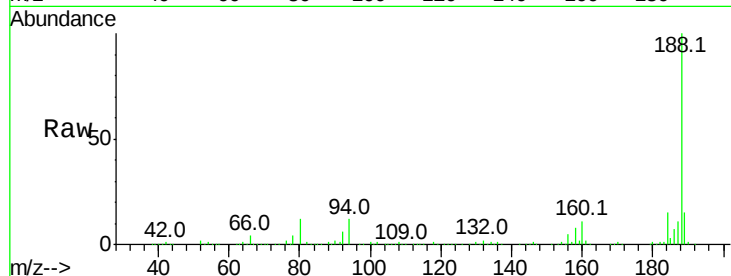




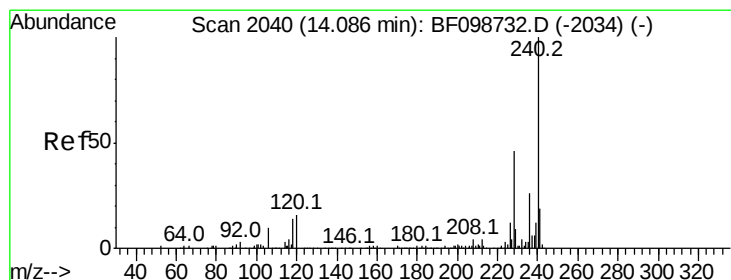
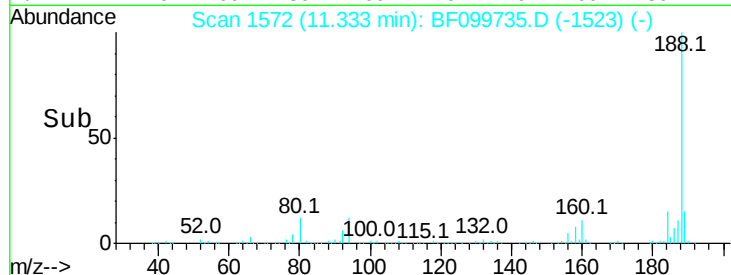
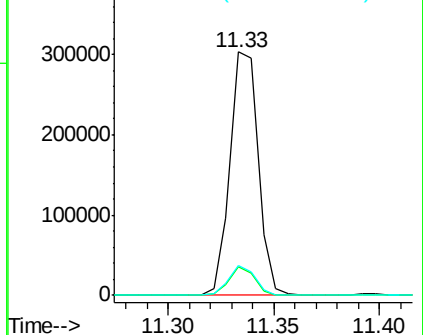
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF099735.D
Acq: 21 Oct 2017 18:39

Instrument :
BNA_F
ClientSampleId :
MW-03

Tot Ion:188 Resp: 279412
Ion Ratio Lower Upper
188 100
94 11.6 8.5 12.7
80 12.3 9.2 13.8

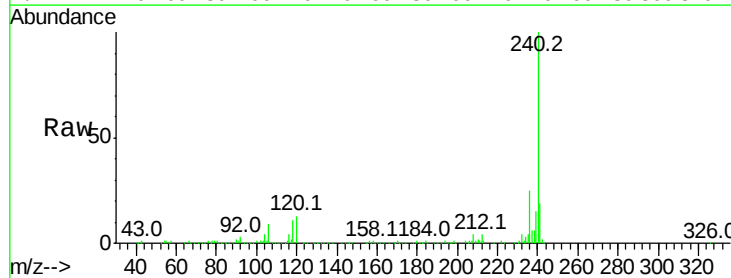


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

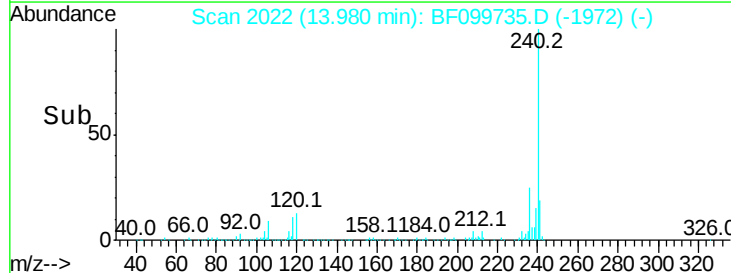
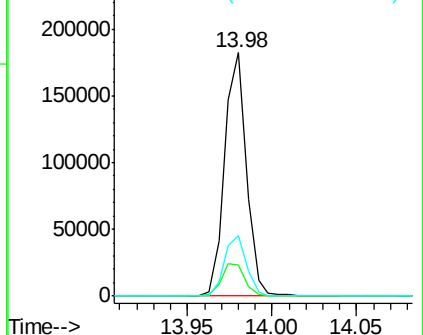


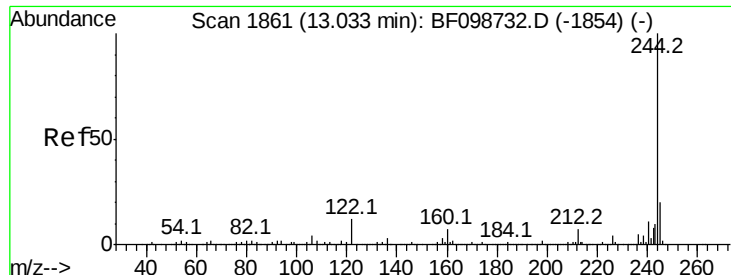
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099735.D
Acq: 21 Oct 2017 18:39

Tgt Ion:240 Resp: 163723
Ion Ratio Lower Upper
240 100
120 12.7 9.5 14.3
236 25.0 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

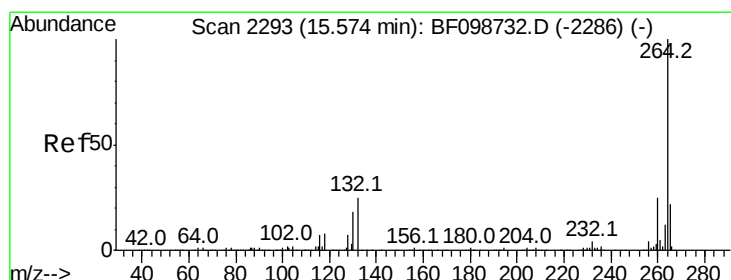
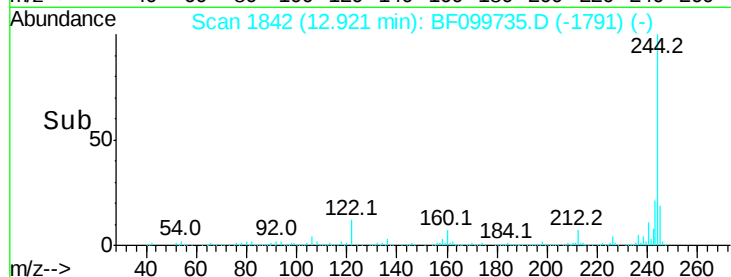
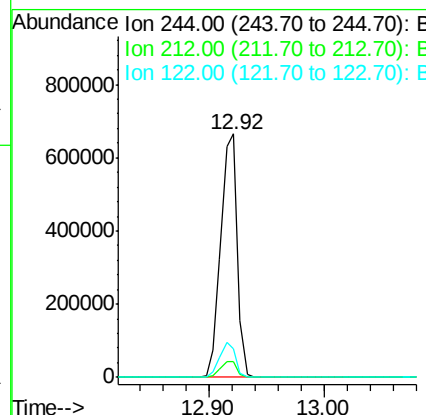
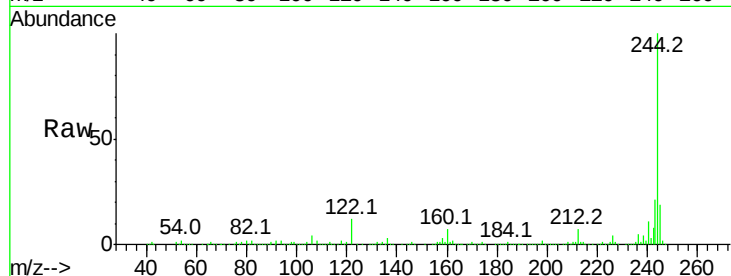




#78
 Terphenyl-d14
 Concen: 91.520 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF099735.D
 Acq: 21 Oct 2017 18:39

Instrument :
 BNA_F
 ClientSampleId :
 MW-03

Tot Ion:244 Resp: 658862
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 11.9 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: BF099735.D
 Acq: 21 Oct 2017 18:39

Tgt Ion:264 Resp: 164431
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 20.9 17.5 26.3

