

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
 Data File : BF099743.D
 Acq On : 21 Oct 2017 22:22
 Operator : SJ/JU
 Sample : I6036-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Quant Time: Oct 22 02:03:07 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	6.82	152	86824	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	356554	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	163242	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	268042	20.00	ng	0.00
75) Chrysene-d12	13.98	240	156330	20.00	ng	0.00
86) Perylene-d12	15.44	264	156355	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	311844	57.18	ng	0.00
7) Phenol-d6	6.45	99	240889	35.80	ng	-0.01
23) Nitrobenzene-d5	7.38	82	429767	77.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	155544	116.45	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	866071	88.57	ng	0.00
78) Terphenyl-d14	12.92	244	612256	89.07	ng	0.00

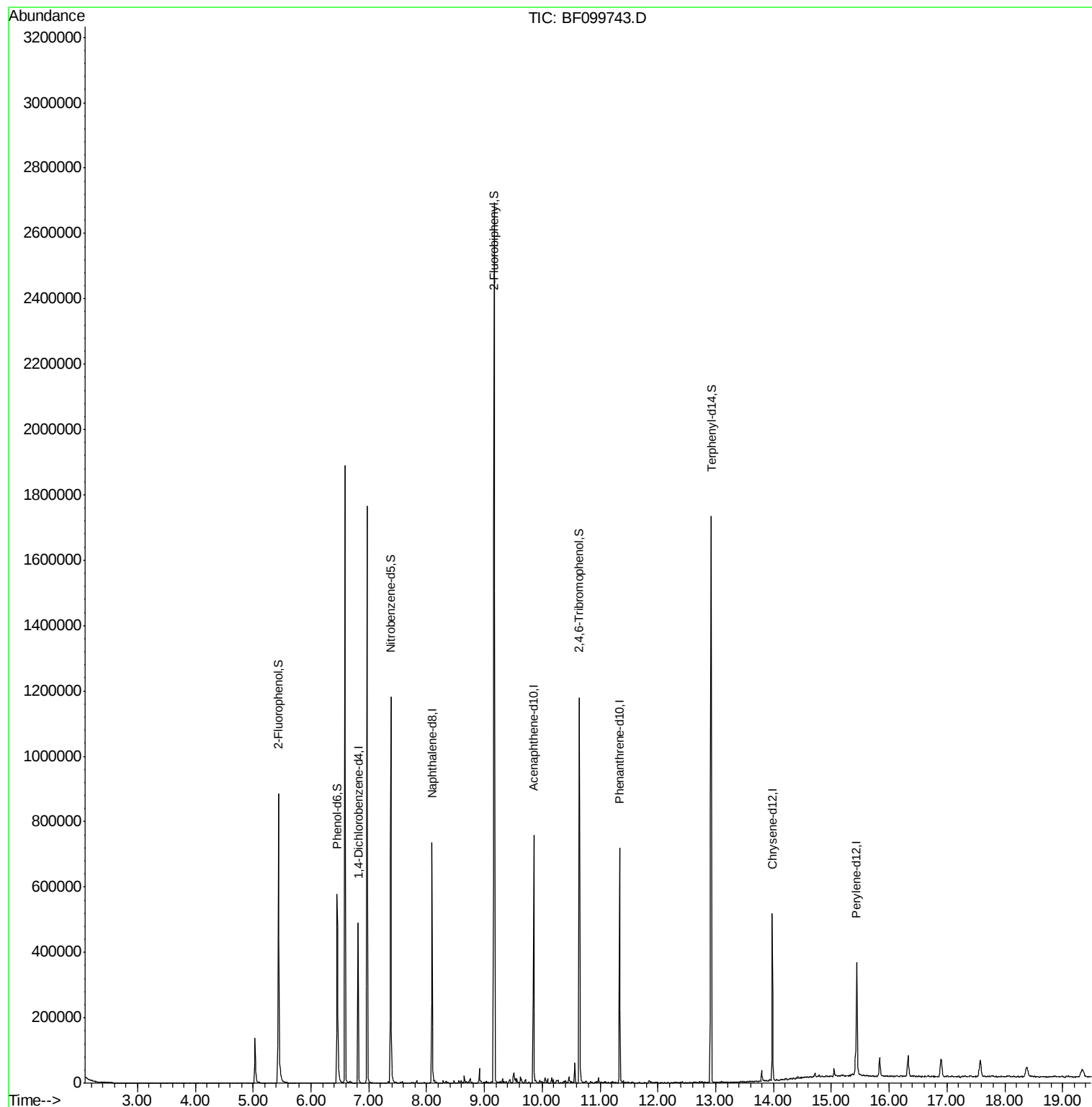
Target Compounds Qvalue

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

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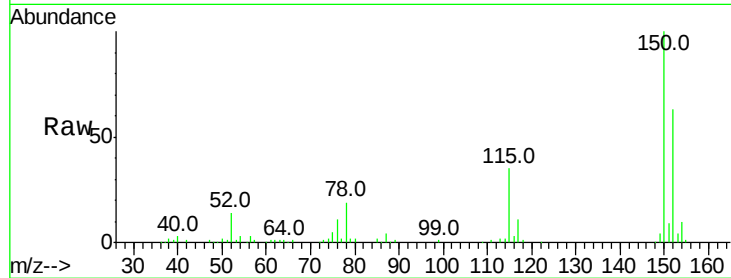


#1

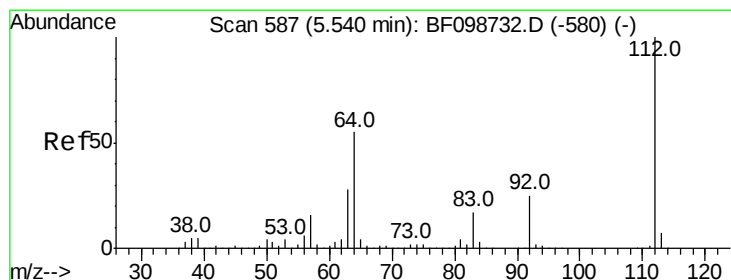
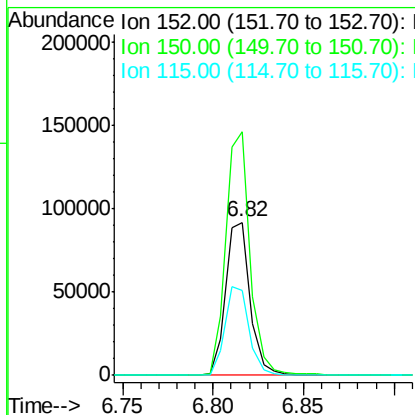
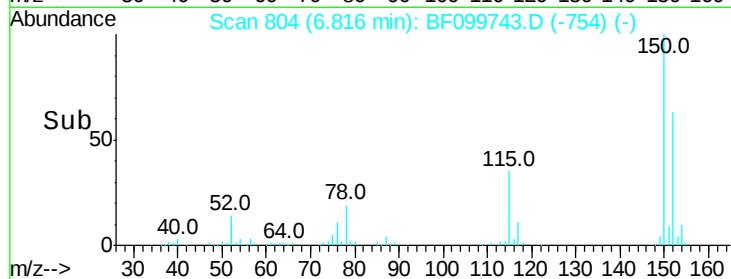
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF099743.D
 Acq: 21 Oct 2017 22:22

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Tot Ion:152 Resp: 86824
 Ion Ratio Lower Upper
 152 100
 150 158.7 124.6 186.8
 115 55.6 50.1 75.1



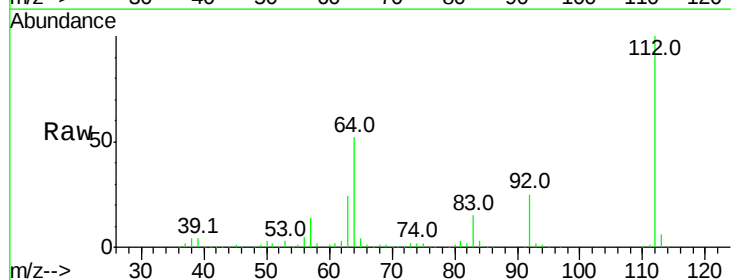
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



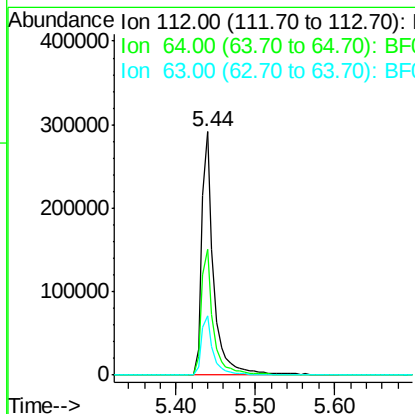
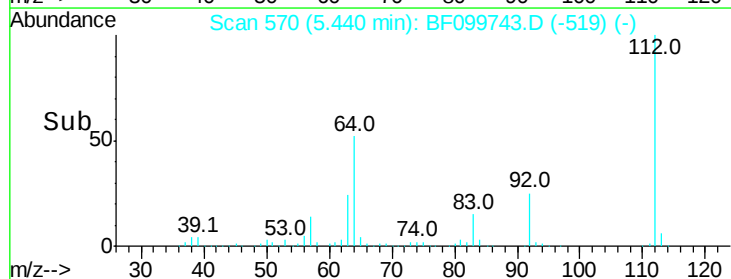
#5

2-Fluorophenol
 Concen: 57.176 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: BF099743.D
 Acq: 21 Oct 2017 22:22

Tgt Ion:112 Resp: 311844
 Ion Ratio Lower Upper
 112 100
 64 51.5 47.9 71.9
 63 24.2 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: 35.803 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF099743.D

Acq: 21 Oct 2017 22:22

Instrument :

BNA_F

ClientSampleId :

MW-5

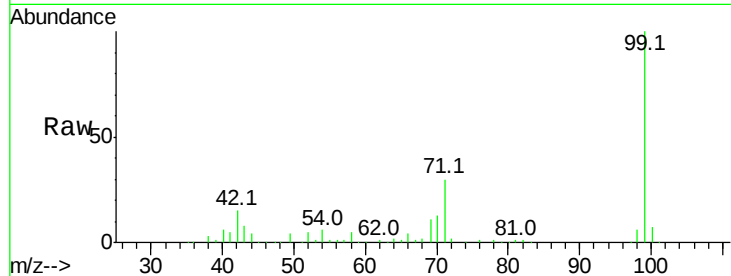
Tot Ion: 99 Resp: 240889

Ion Ratio Lower Upper

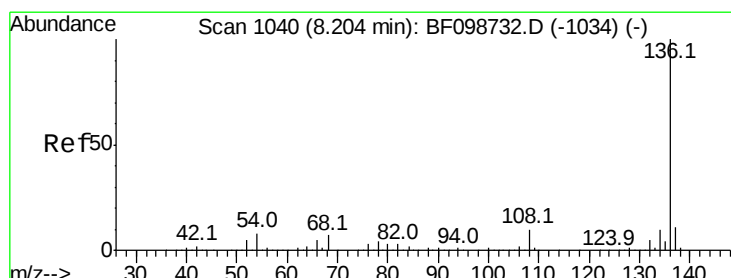
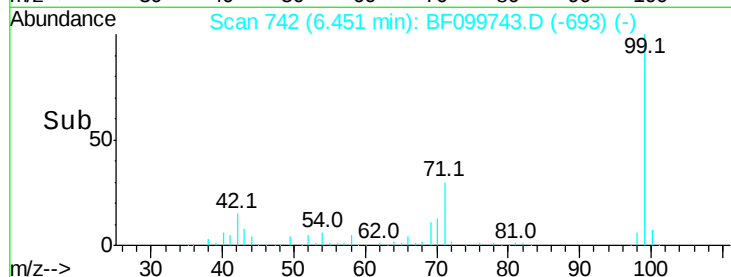
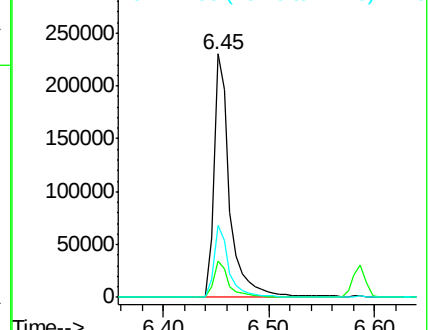
99 100

42 14.7 14.5 21.7

71 29.9 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: BF099743.D

Acq: 21 Oct 2017 22:22

Tgt Ion: 136 Resp: 356554

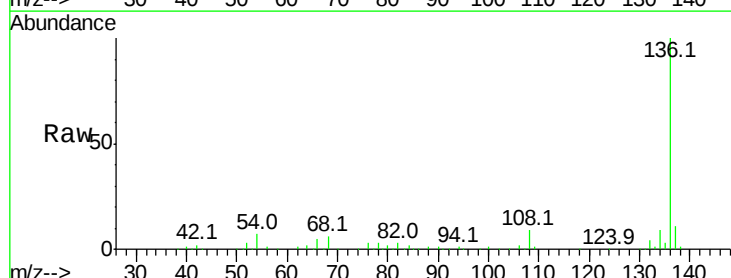
Ion Ratio Lower Upper

136 100

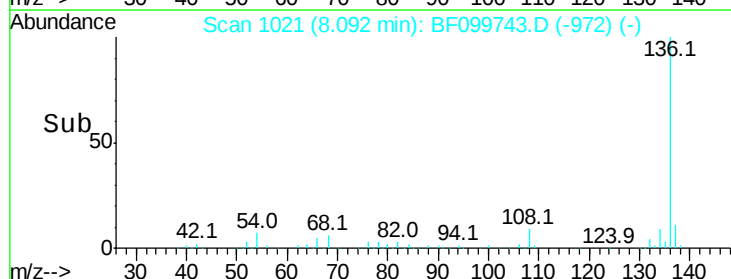
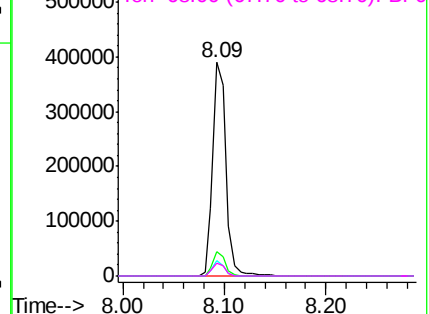
137 11.3 8.9 13.3

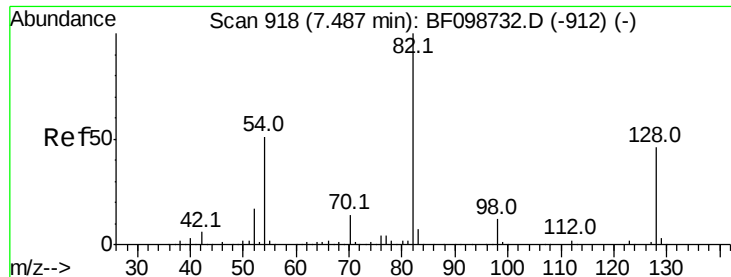
54 6.9 6.6 9.8

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

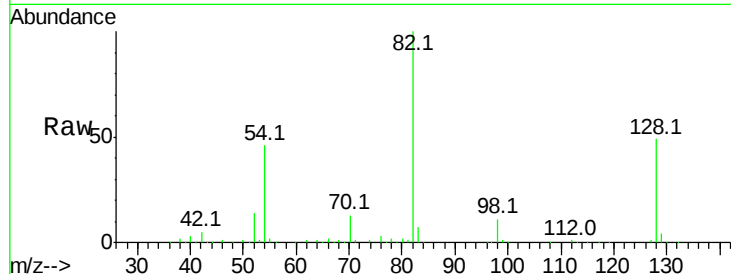




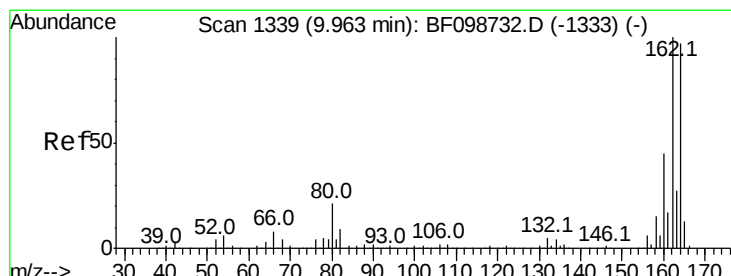
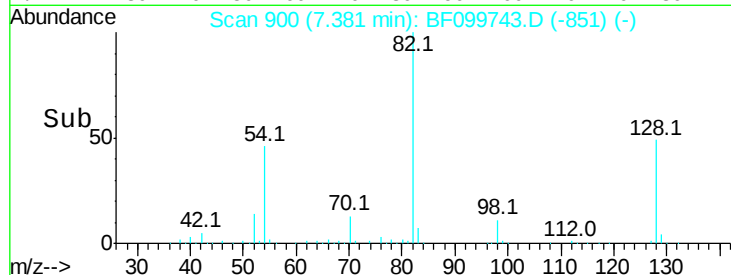
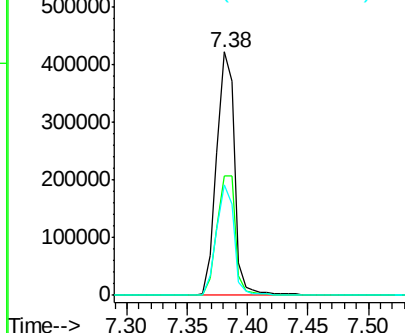
#23
 Nitrobenzene-d5
 Concen: 77.298 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF099743.D
 Acq: 21 Oct 2017 22:22

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Tot Ion	82	Resp	429767
Ion Ratio	Lower	Upper	
82	100		
128	49.1	36.1	54.1
54	45.5	41.4	62.2

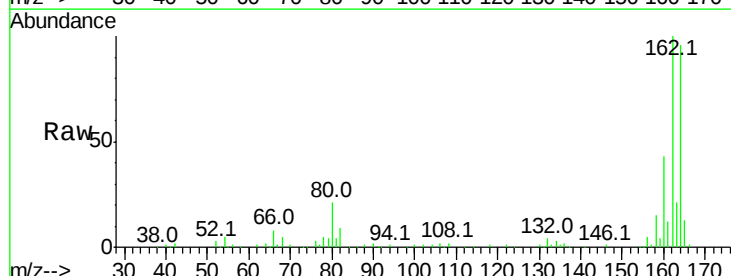


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

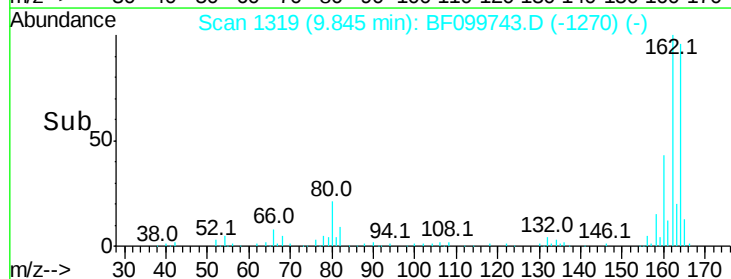
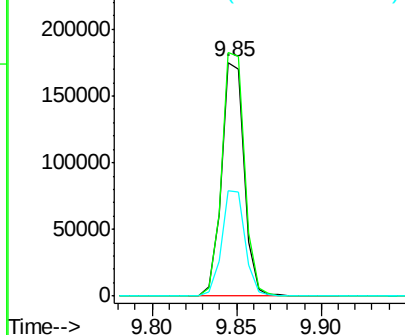


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF099743.D
 Acq: 21 Oct 2017 22:22

Tgt Ion	164	Resp	163242
Ion Ratio	Lower	Upper	
164	100		
162	104.1	86.1	129.1
160	44.9	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

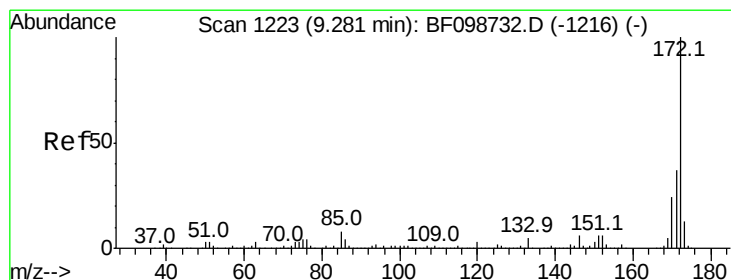
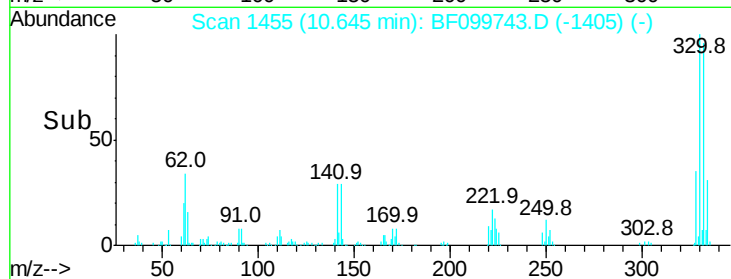
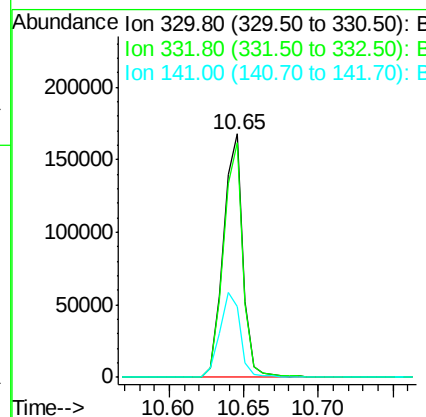
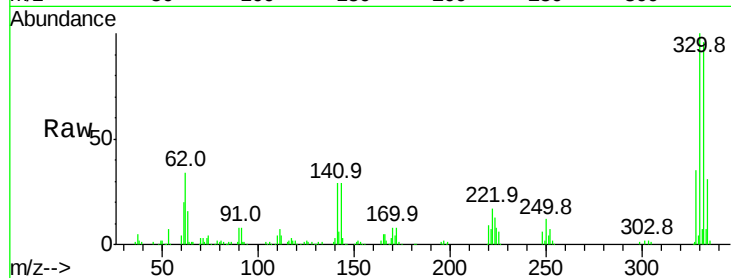




#41
 2,4,6-Tribromophenol
 Concen: 116.446 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF099743.D
 Acq: 21 Oct 2017 22:22

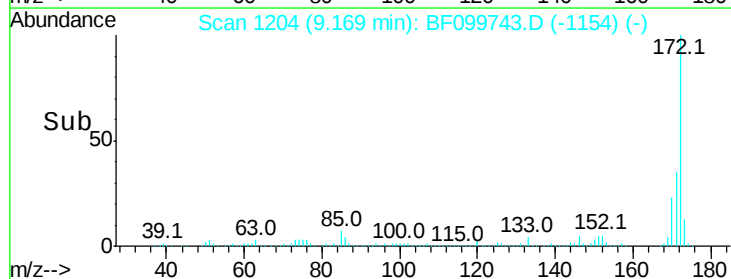
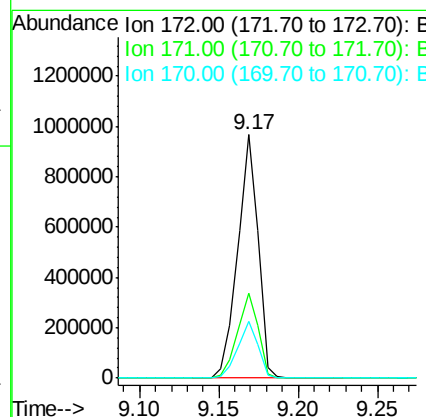
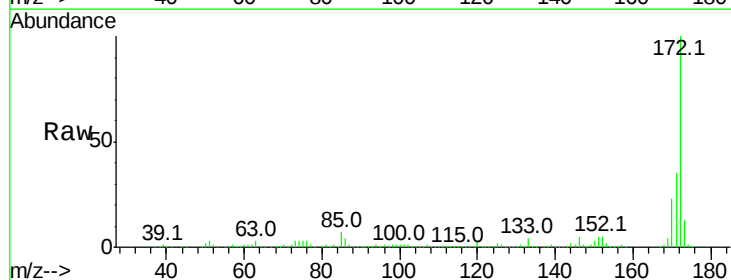
Instrument :
 BNA_F
 ClientSampleId :
 MW-5

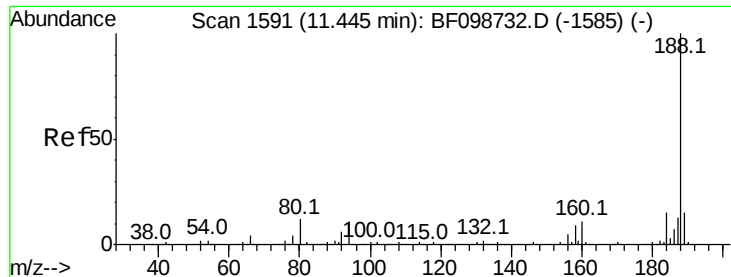
Tot Ion:330 Resp: 155544
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 36.4 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 88.570 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF099743.D
 Acq: 21 Oct 2017 22:22

Tgt Ion:172 Resp: 866071
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.7 44.5
 170 23.3 19.6 29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF099743.D

Acq: 21 Oct 2017 22:22

Instrument :

BNA_F

ClientSampleId :

MW-5

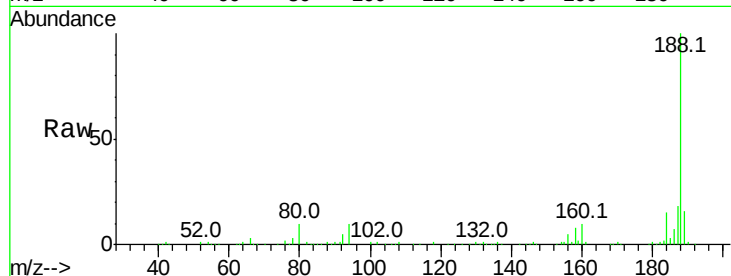
Tot Ion:188 Resp: 268042

Ion Ratio Lower Upper

188 100

94 9.6 8.5 12.7

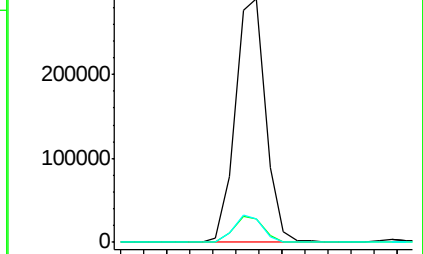
80 9.9 9.2 13.8



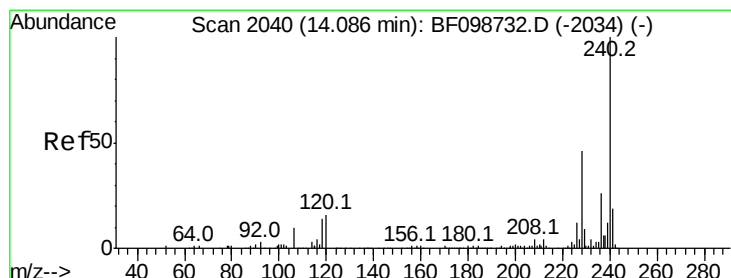
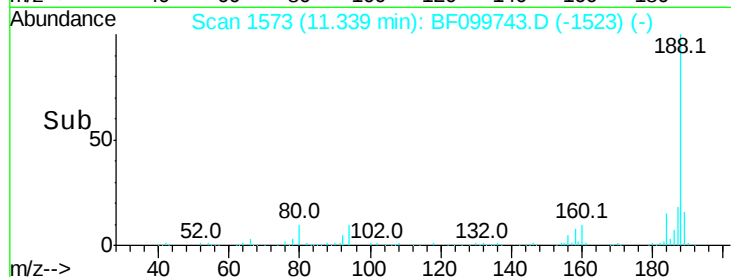
Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF099743.D

Acq: 21 Oct 2017 22:22

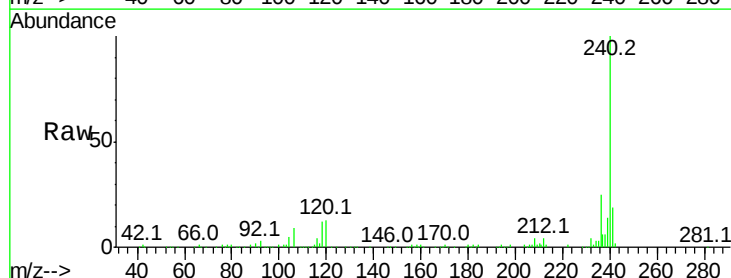
Tgt Ion:240 Resp: 156330

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

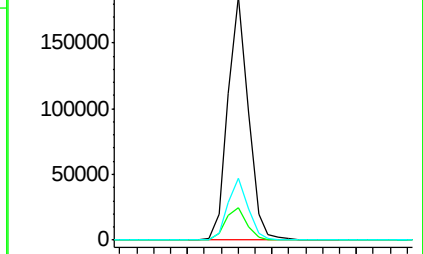
236 25.2 20.7 31.1



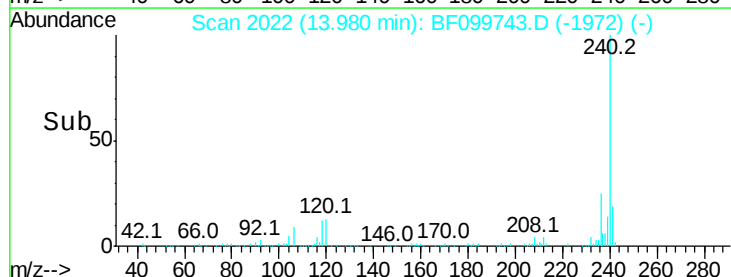
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 89.068 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF099743.D

Acq: 21 Oct 2017 22:22

Instrument :

BNA_F

ClientSampleId :

MW-5

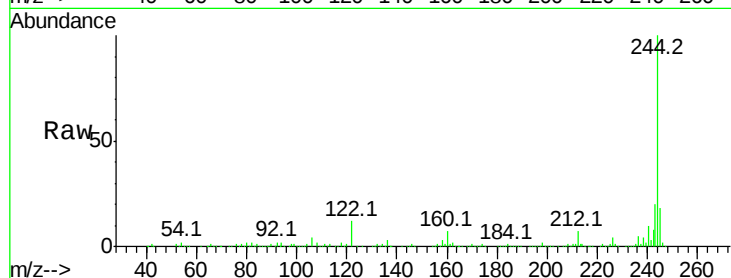
Tot Ion:244 Resp: 612256

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

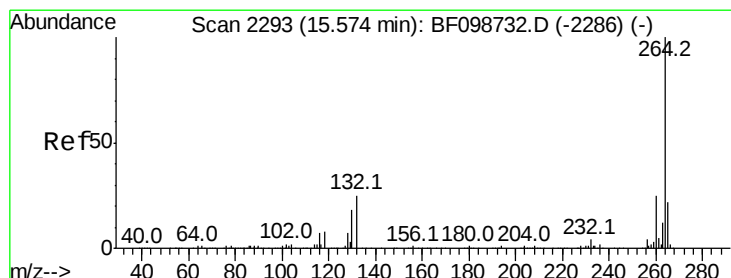
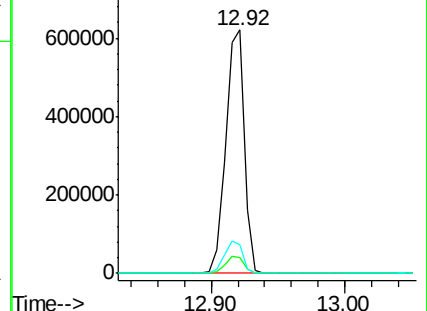
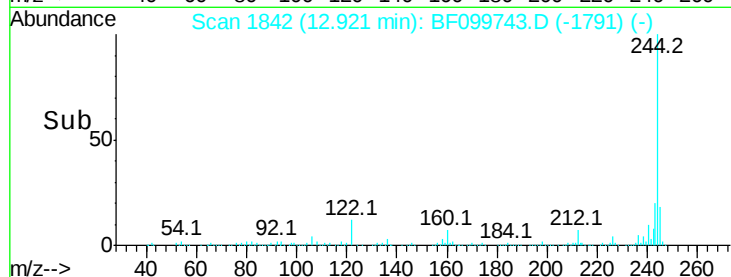
122 11.8 11.0 16.4



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: 15.44 min Scan# 2270

Delta R.T. 0.00 min

Lab File: BF099743.D

Acq: 21 Oct 2017 22:22

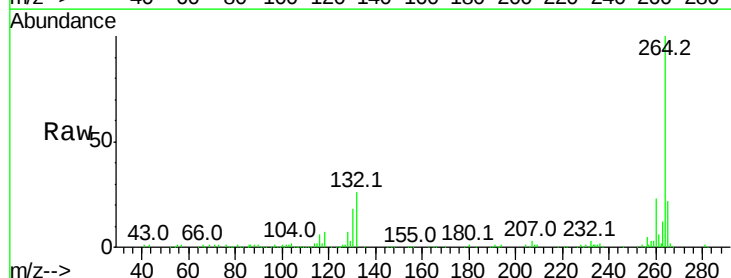
Tgt Ion:264 Resp: 156355

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.6 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

