

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
 Data File : BF099739.D
 Acq On : 21 Oct 2017 20:30
 Operator : SJ/JU
 Sample : I6036-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Oct 22 01:49:56 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	92239	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	376062	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	171339	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	272787	20.00	ng	0.00
75) Chrysene-d12	13.98	240	162777	20.00	ng	0.00
86) Perylene-d12	15.44	264	170489	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	329872	56.93	ng	0.00
7) Phenol-d6	6.46	99	253506	35.47	ng	0.00
23) Nitrobenzene-d5	7.39	82	470418	80.22	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	166231	118.57	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	938952	91.49	ng	0.00
78) Terphenyl-d14	12.92	244	596018	83.27	ng	0.00

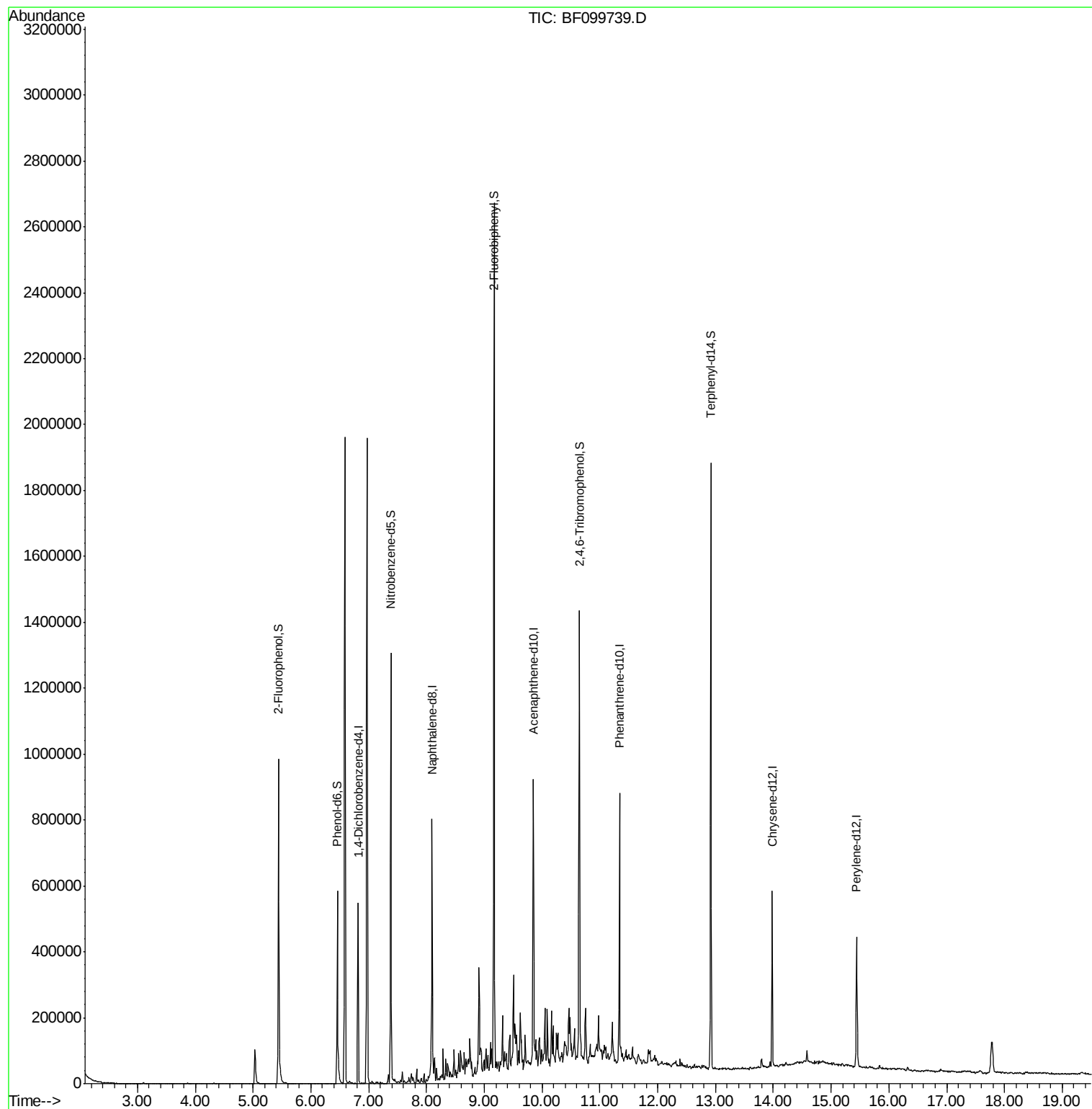
Target Compounds Qvalue

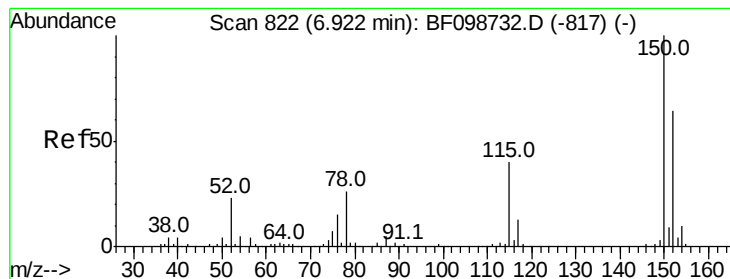
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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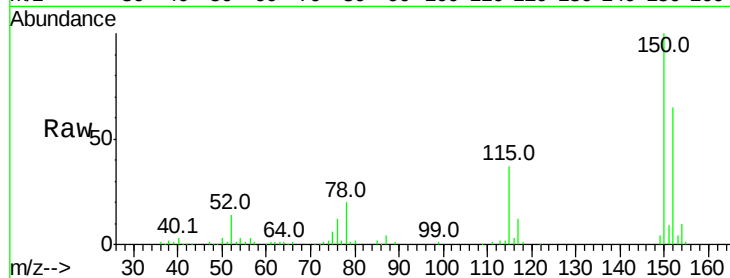


#1

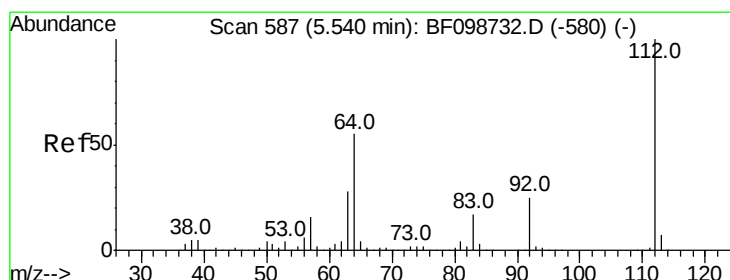
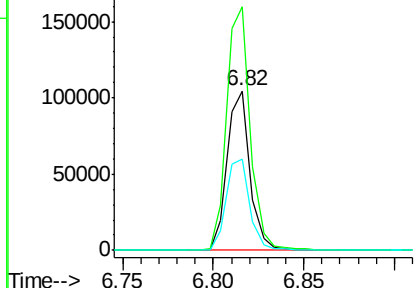
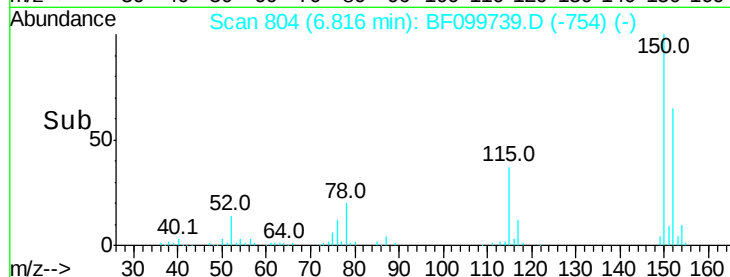
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF099739.D
 Acq: 21 Oct 2017 20:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tot Ion:152 Resp: 92239
 Ion Ratio Lower Upper
 152 100
 150 152.7 124.6 186.8
 115 57.1 50.1 75.1



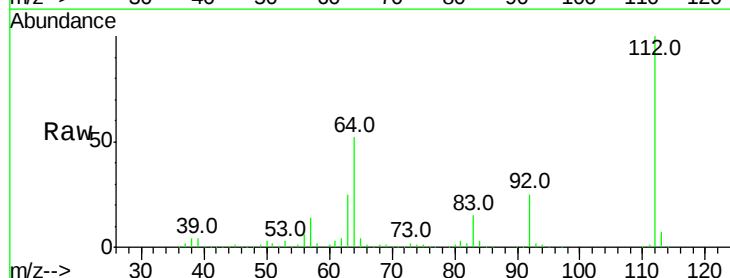
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



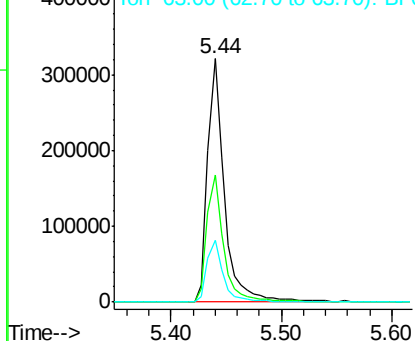
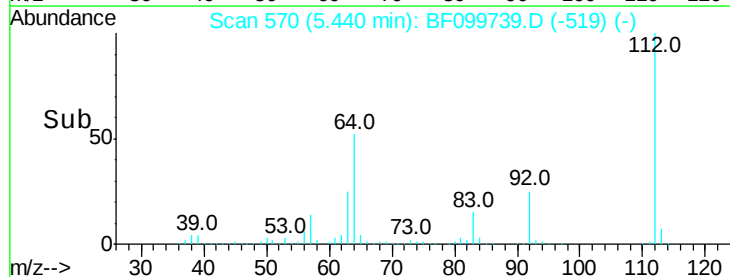
#5

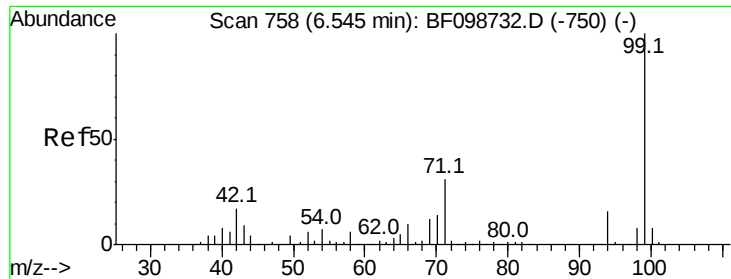
2-Fluorophenol
 Concen: 56.931 ng
 RT: 5.44 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: BF099739.D
 Acq: 21 Oct 2017 20:30

Tgt Ion:112 Resp: 329872
 Ion Ratio Lower Upper
 112 100
 64 52.4 47.9 71.9
 63 25.4 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: 35.466 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099739.D

Acq: 21 Oct 2017 20:30

Instrument :

BNA_F

ClientSampleId :

MW-2

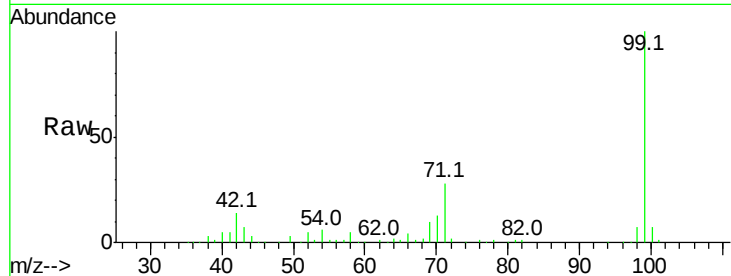
Tot Ion: 99 Resp: 253506

Ion Ratio Lower Upper

99 100

42 13.6 14.5 21.7#

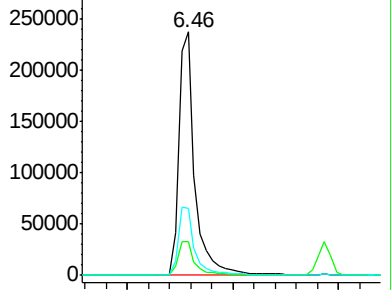
71 27.7 25.4 38.0



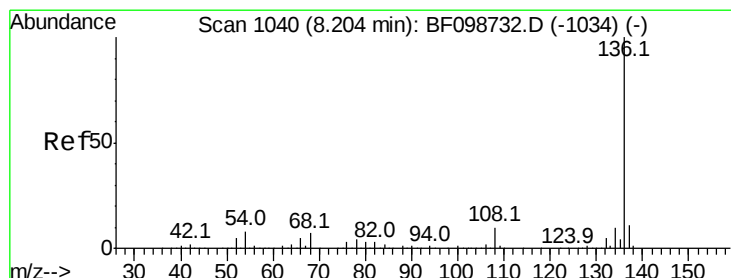
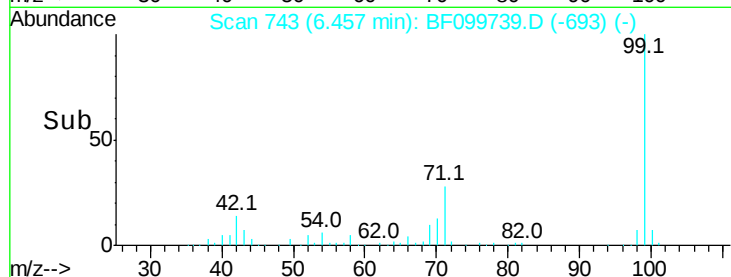
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF099739.D

Acq: 21 Oct 2017 20:30

Tgt Ion: 136 Resp: 376062

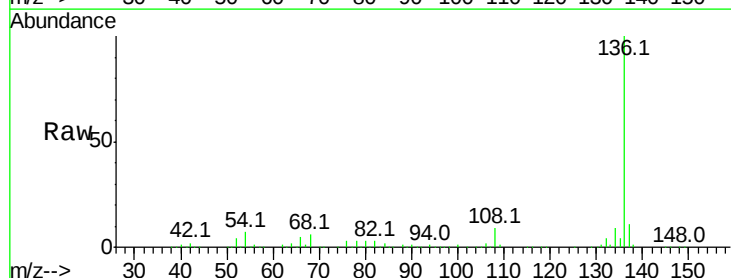
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.3 6.6 9.8

68 6.1 5.0 7.4

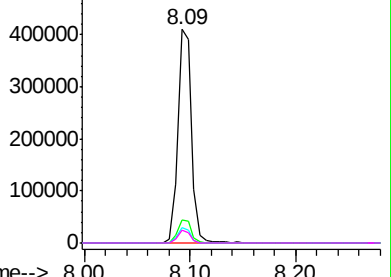


Abundance Ion 136.00 (135.70 to 136.70): E

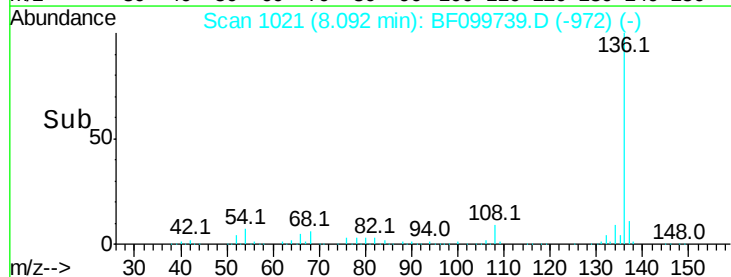
Ion 137.00 (136.70 to 137.70): E

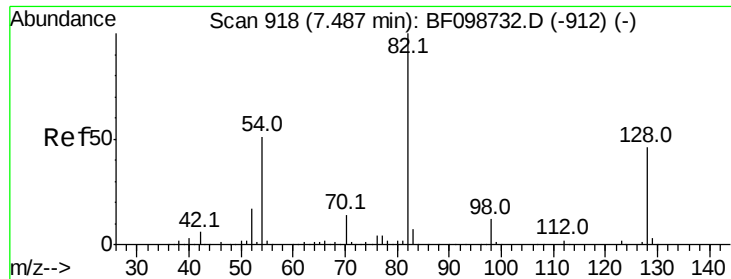
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

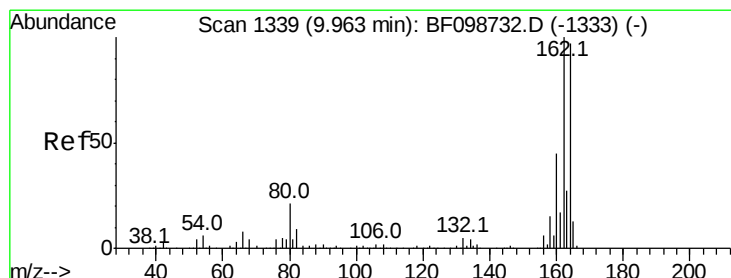
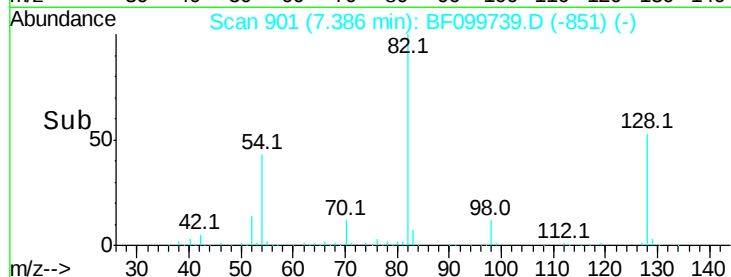
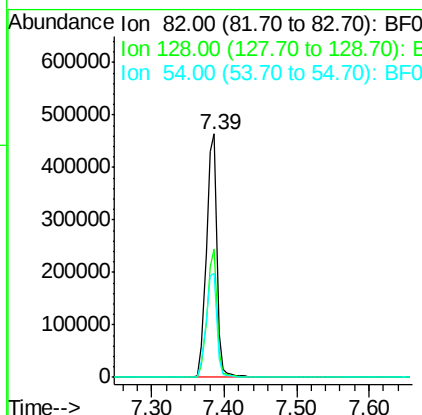
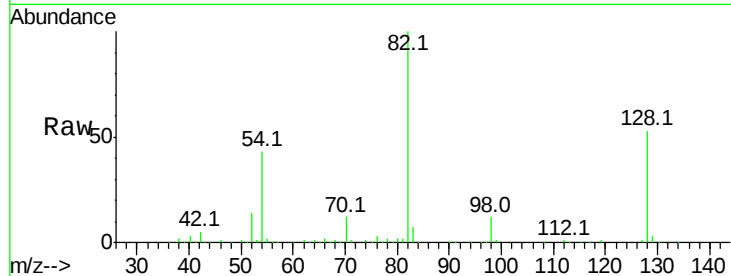




#23
 Nitrobenzene-d5
 Concen: 80.221 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF099739.D
 Acq: 21 Oct 2017 20:30

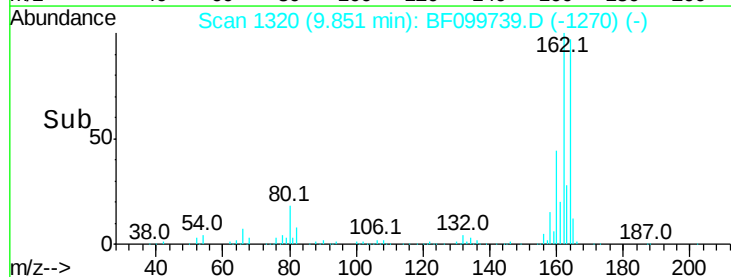
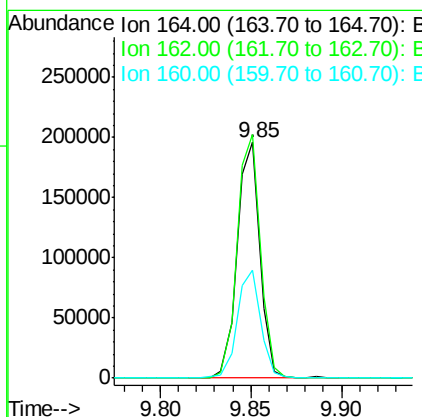
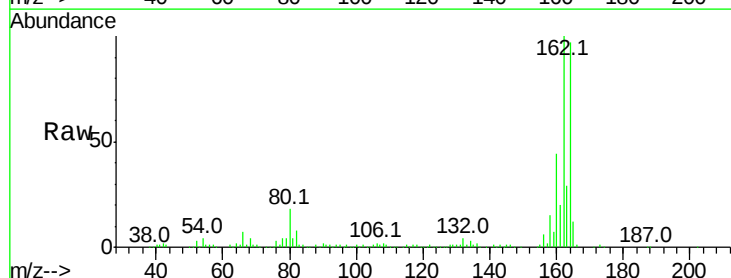
Instrument :
 BNA_F
 ClientSampleId :
 MW-2

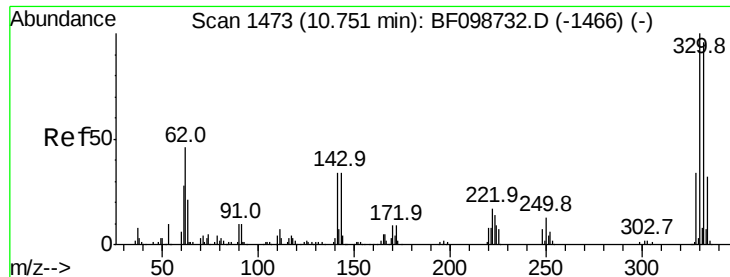
Tot Ion: 82 Resp: 470418
 Ion Ratio Lower Upper
 82 100
 128 52.7 36.1 54.1
 54 42.9 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF099739.D
 Acq: 21 Oct 2017 20:30

Tgt Ion:164 Resp: 171339
 Ion Ratio Lower Upper
 164 100
 162 103.2 86.1 129.1
 160 45.9 38.3 57.5

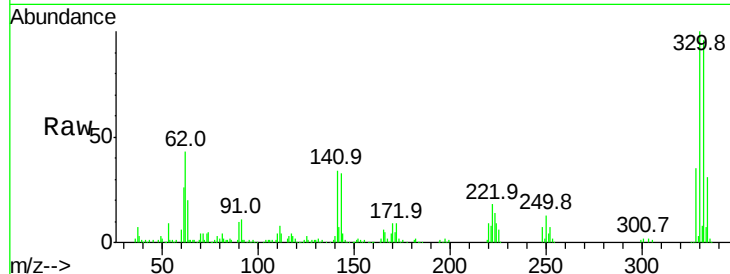




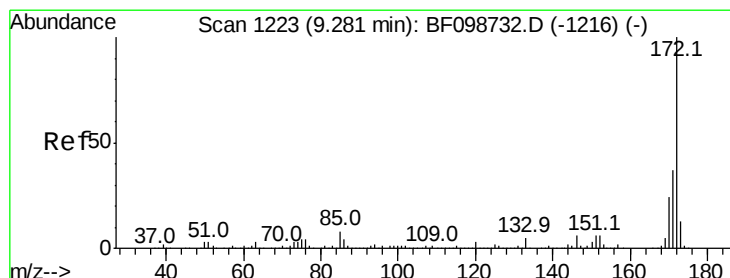
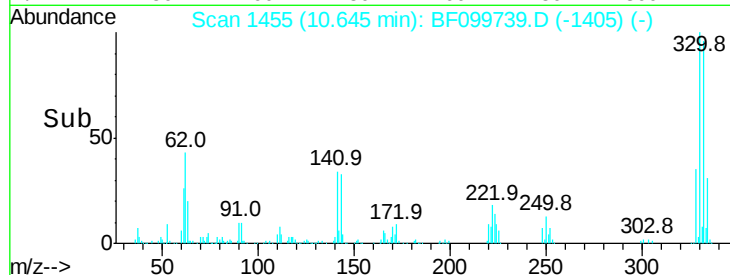
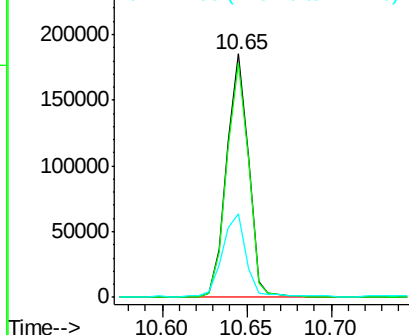
#41
 2,4,6-Tribromophenol
 Concen: 118.566 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF099739.D
 Acq: 21 Oct 2017 20:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	36.3	29.9	44.9

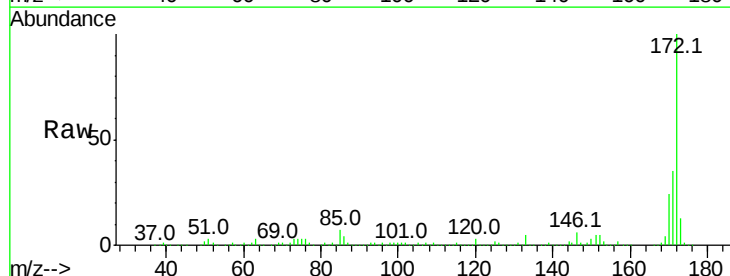


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

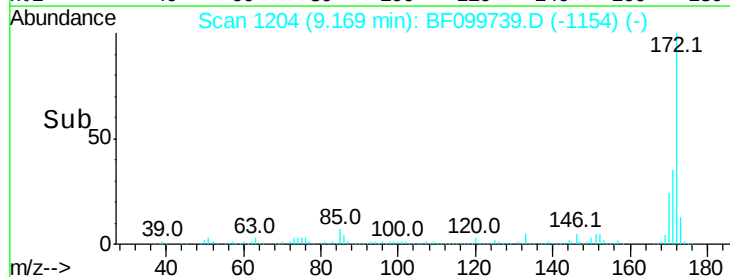
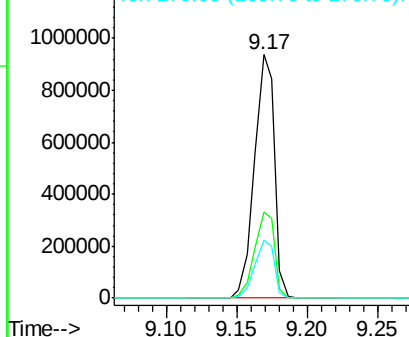


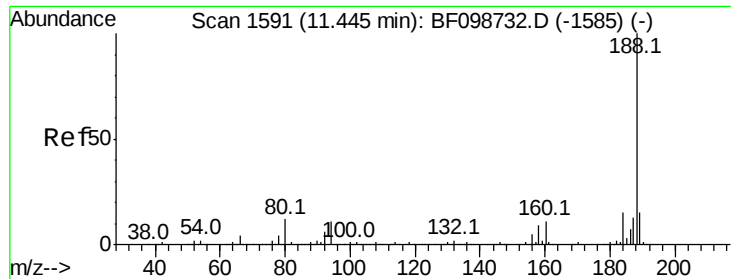
#44
 2-Fluorobiphenyl
 Concen: 91.485 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF099739.D
 Acq: 21 Oct 2017 20:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	24.0	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF099739.D

Acq: 21 Oct 2017 20:30

Instrument :

BNA_F

ClientSampleId :

MW-2

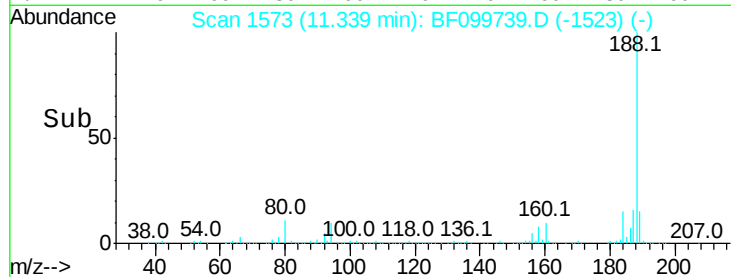
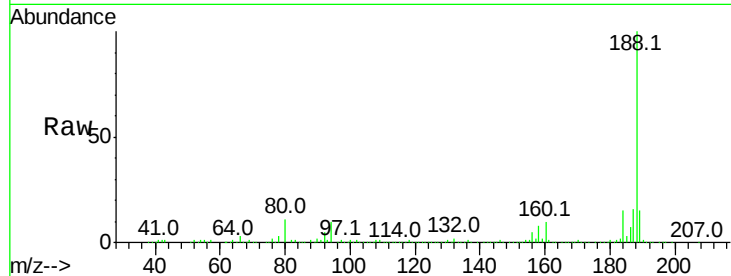
Tot Ion:188 Resp: 272787

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

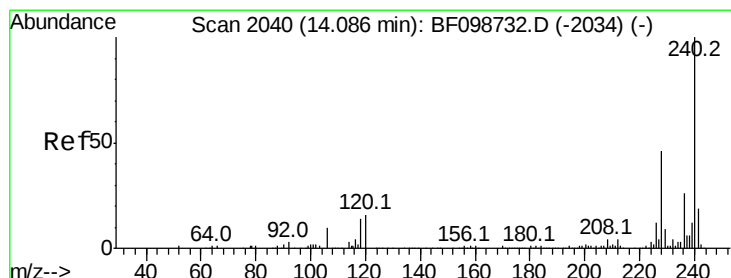
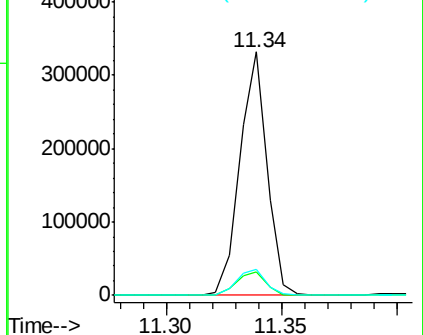
80 10.7 9.2 13.8



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: BF099739.D

Acq: 21 Oct 2017 20:30

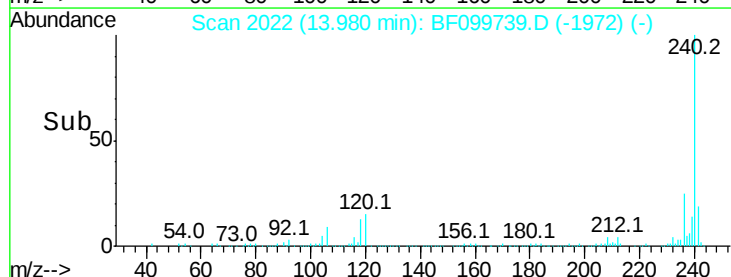
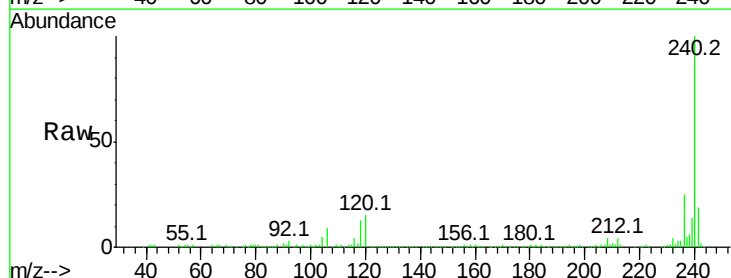
Tgt Ion:240 Resp: 162777

Ion Ratio Lower Upper

240 100

120 14.5 9.5 14.3#

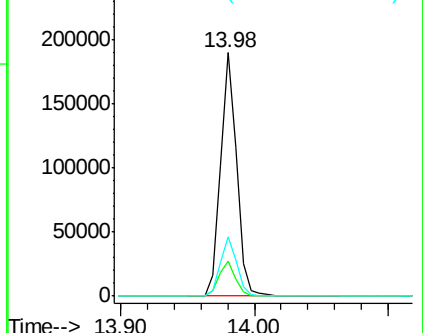
236 24.6 20.7 31.1

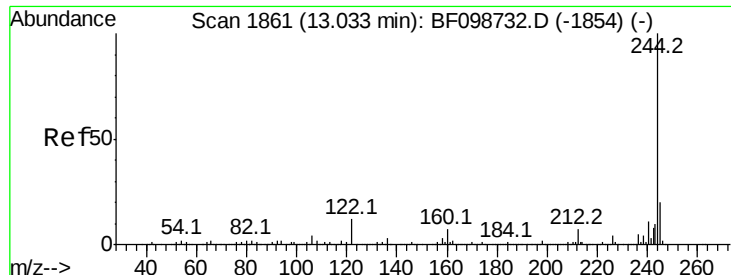


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.271 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF099739.D

Acq: 21 Oct 2017 20:30

Instrument :

BNA_F

ClientSampleId :

MW-2

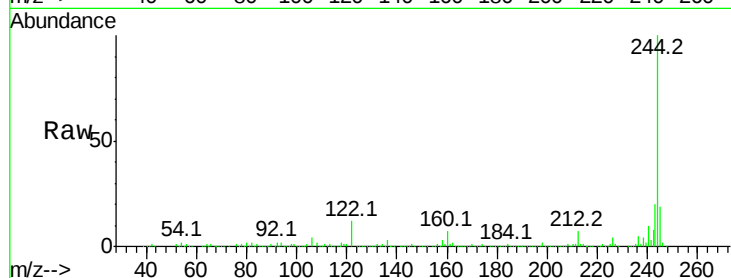
Tot Ion:244 Resp: 596018

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

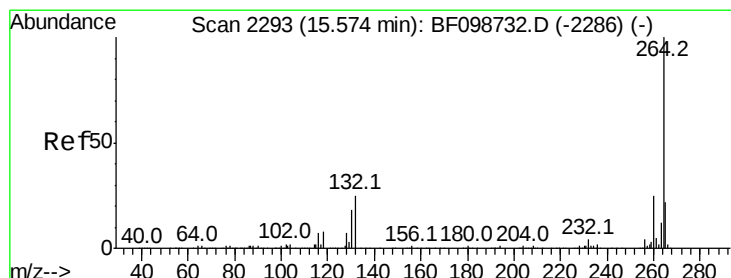
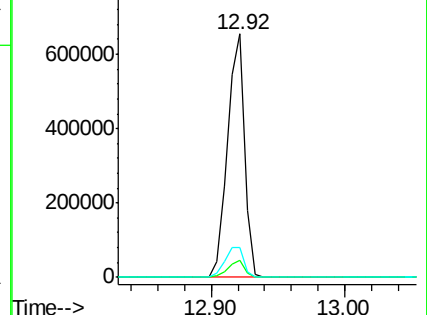
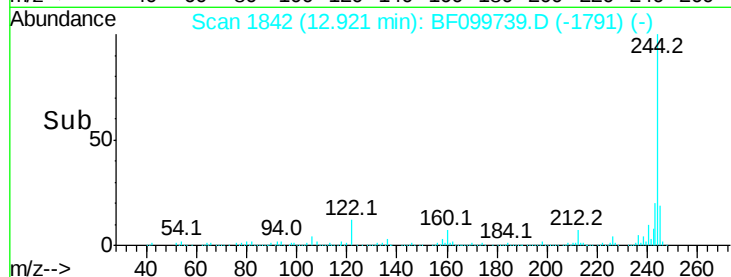
122 12.2 11.0 16.4



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# 2271

Delta R.T. 0.01 min

Lab File: BF099739.D

Acq: 21 Oct 2017 20:30

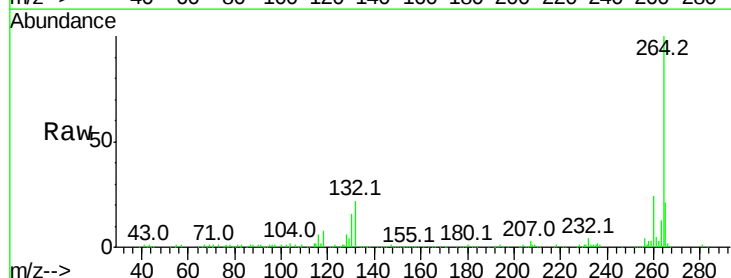
Tgt Ion:264 Resp: 170489

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.2 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

