

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101717\
 Data File : BF099599.D
 Acq On : 17 Oct 2017 23:36
 Operator : SJ/JU
 Sample : I5869-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-7D-10-11-17

Quant Time: Oct 18 00:24:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 17:32:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	118965	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	469188	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	199920	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	282613	20.00	ng	0.00
75) Chrysene-d12	13.99	240	197182	20.00	ng	0.00
86) Perylene-d12	15.45	264	214218	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	444888	59.53	ng	0.01
7) Phenol-d6	6.47	99	321056	34.83	ng	0.00
23) Nitrobenzene-d5	7.40	82	663568	90.70	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	163436	99.91	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1184112	98.88	ng	0.00
78) Terphenyl-d14	12.93	244	651693	75.16	ng	0.00

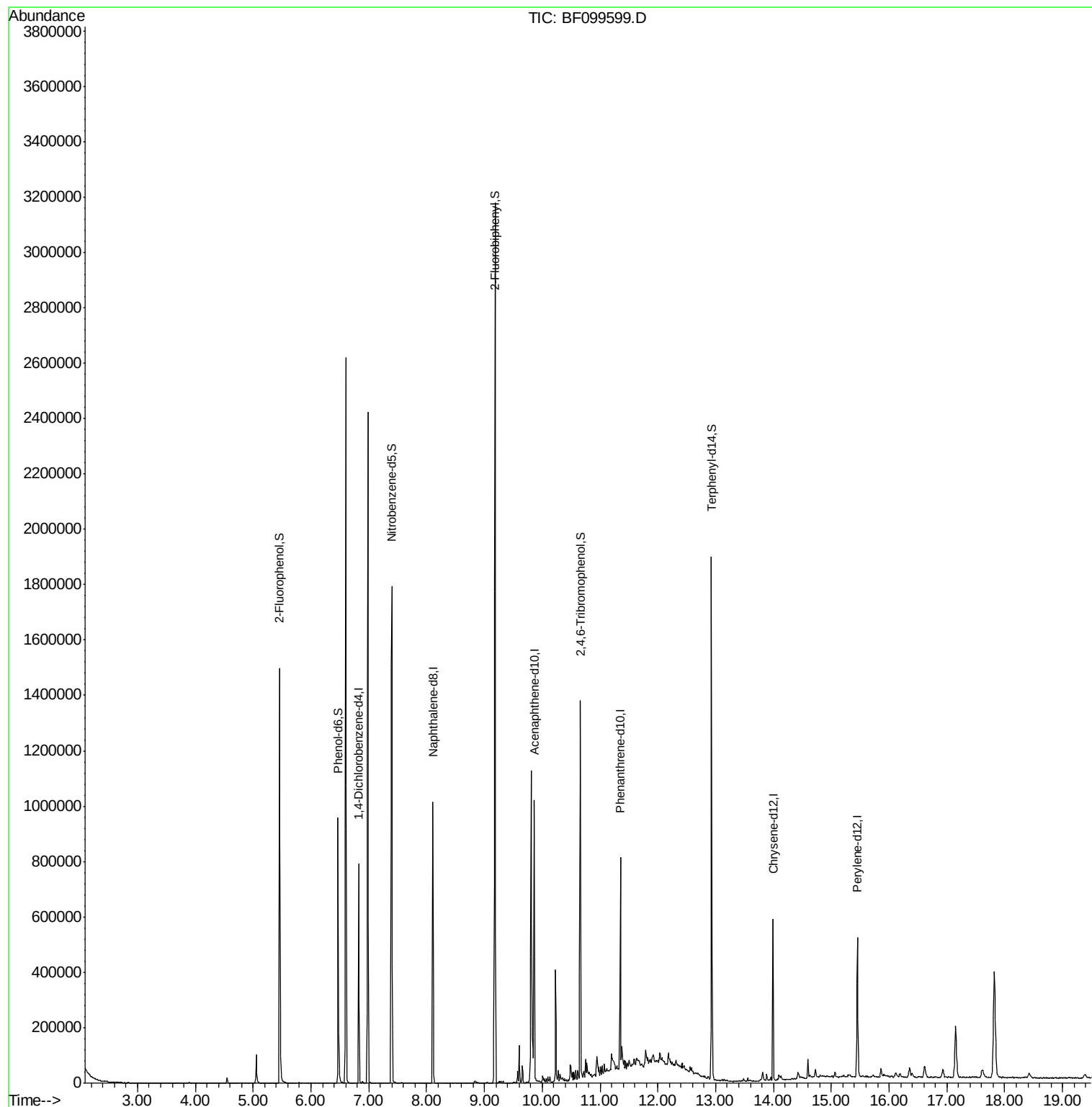
Target Compounds Qvalue

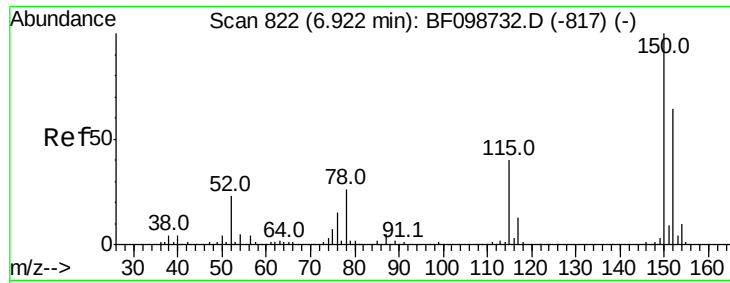
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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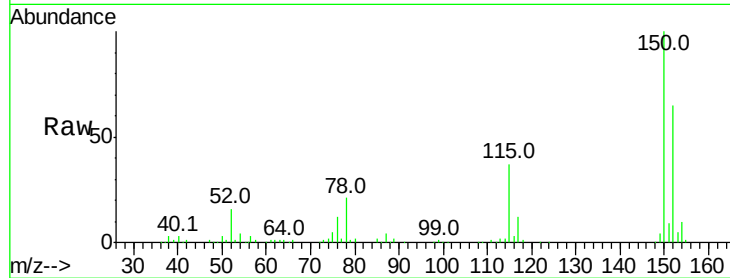


#1

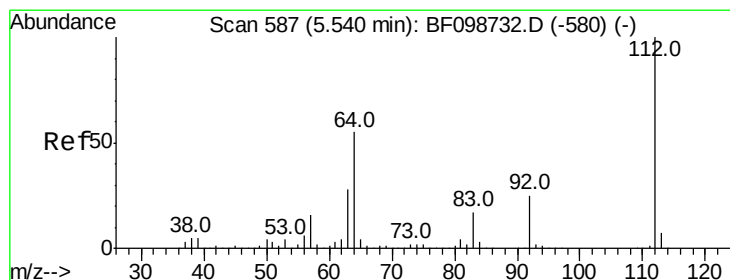
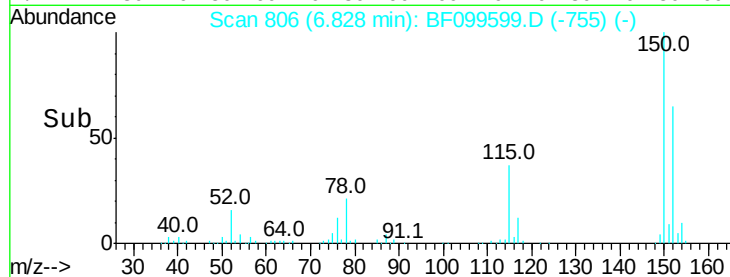
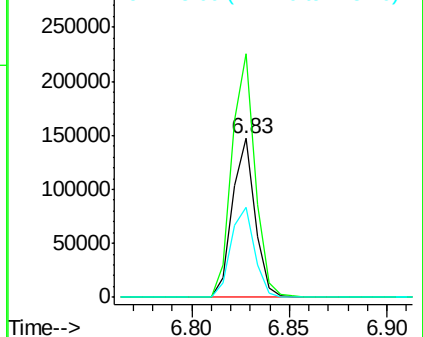
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF099599.D
 Acq: 17 Oct 2017 23:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-7D-10-11-17

Tot Ion:152 Resp: 118965
 Ion Ratio Lower Upper
 152 100
 150 153.3 124.6 186.8
 115 56.9 50.1 75.1



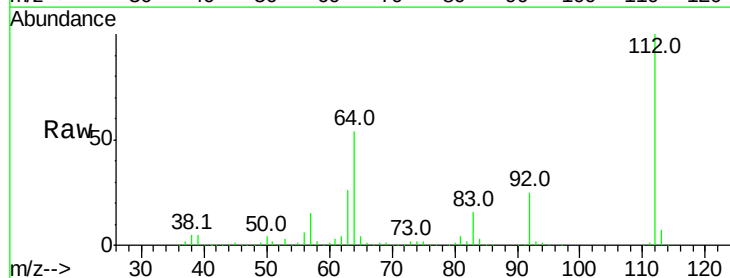
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



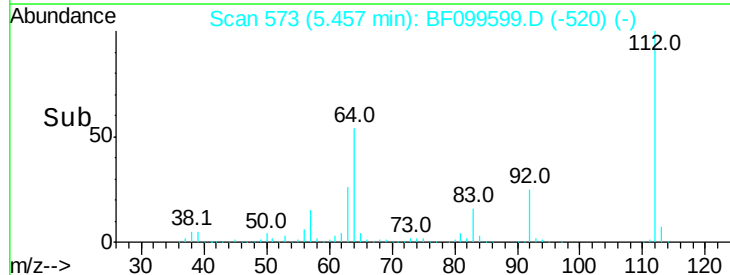
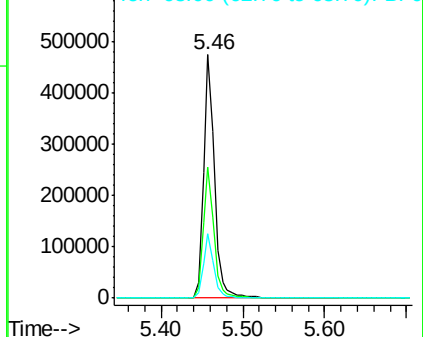
#5

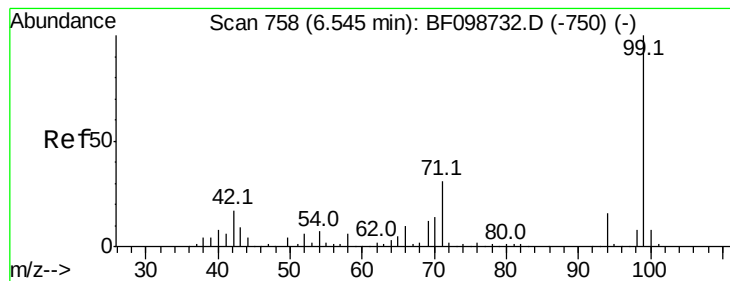
2-Fluorophenol
 Concen: 59.532 ng
 RT: 5.46 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: BF099599.D
 Acq: 17 Oct 2017 23:36

Tgt Ion:112 Resp: 444888
 Ion Ratio Lower Upper
 112 100
 64 54.0 47.9 71.9
 63 26.3 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: 34.826 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF099599.D

Acq: 17 Oct 2017 23:36

Instrument :

BNA_F

ClientSampleId :

MW-7D-10-11-17

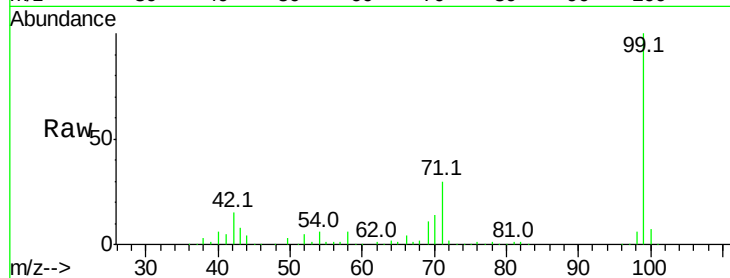
Tot Ion: 99 Resp: 321056

Ion Ratio Lower Upper

99 100

42 15.0 14.5 21.7

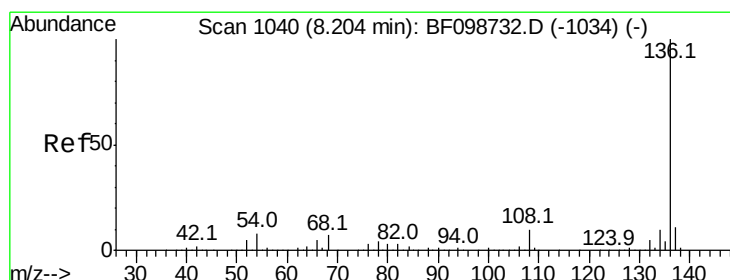
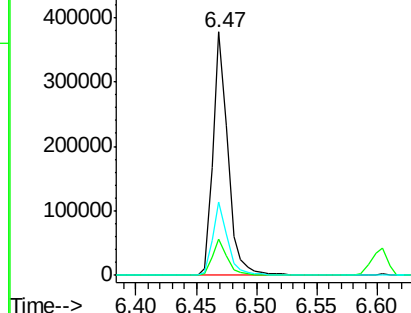
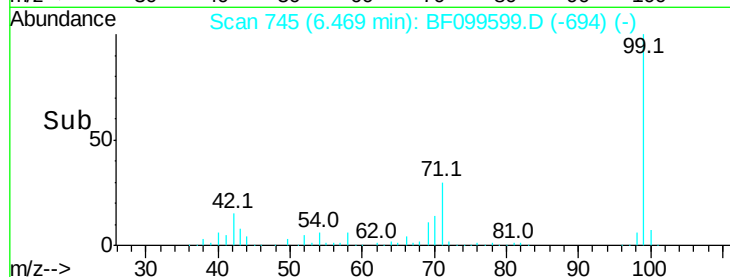
71 29.9 25.4 38.0



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: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF099599.D

Acq: 17 Oct 2017 23:36

Tgt Ion: 136 Resp: 469188

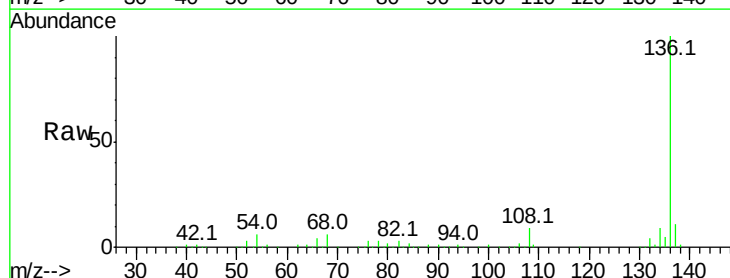
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.4 6.6 9.8#

68 5.6 5.0 7.4

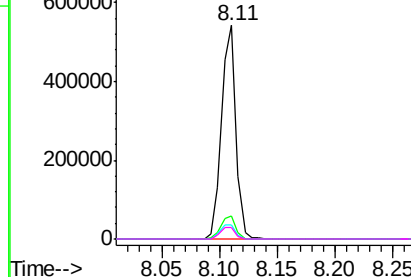
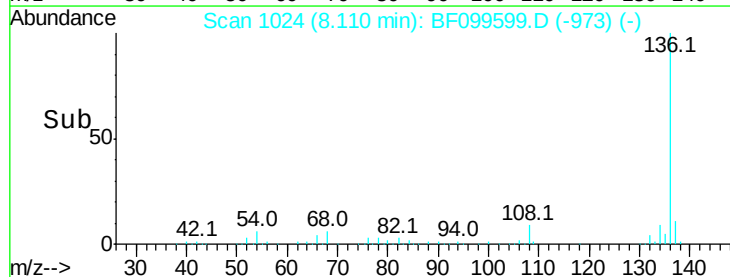


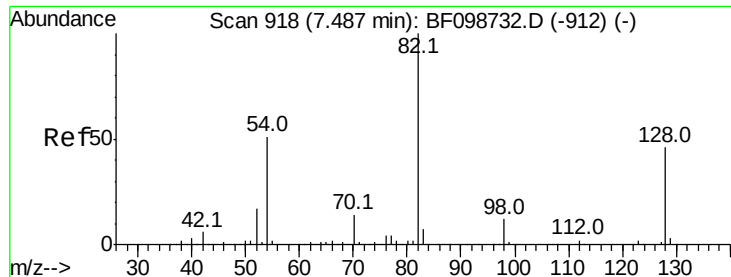
Abundance Ion 136.00 (135.70 to 136.70): E

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

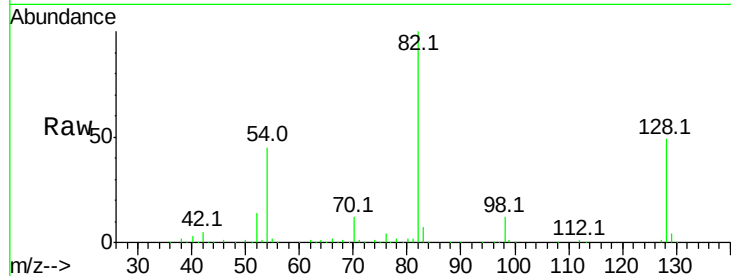




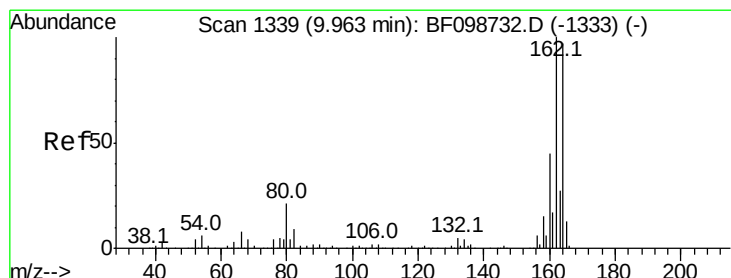
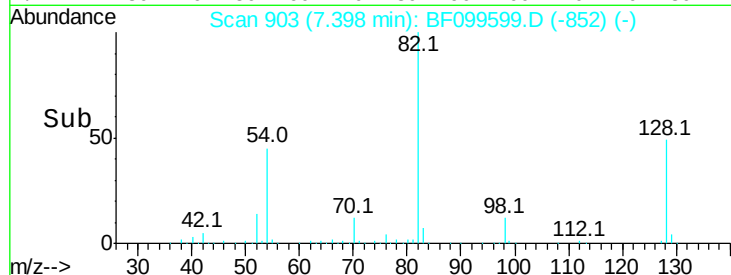
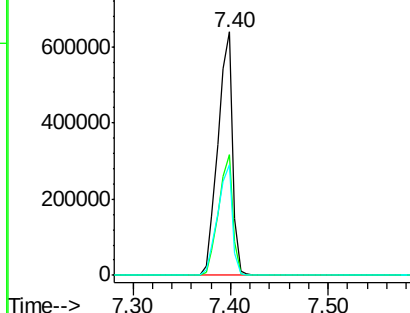
#23
 Nitrobenzene-d5
 Concen: 90.699 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF099599.D
 Acq: 17 Oct 2017 23:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-7D-10-11-17

Tot Ion: 82 Resp: 663568
 Ion Ratio Lower Upper
 82 100
 128 49.4 36.1 54.1
 54 45.4 41.4 62.2

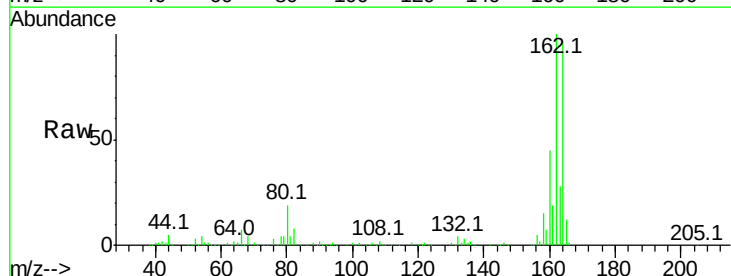


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

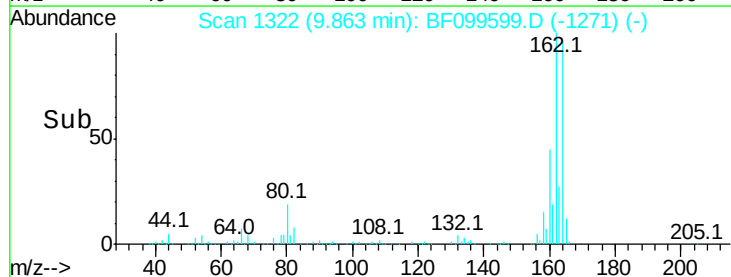
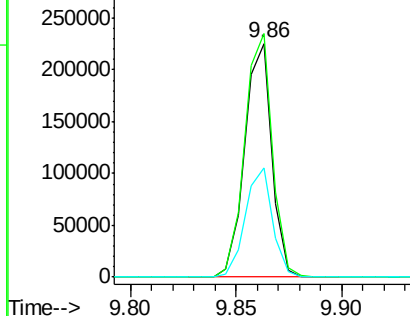


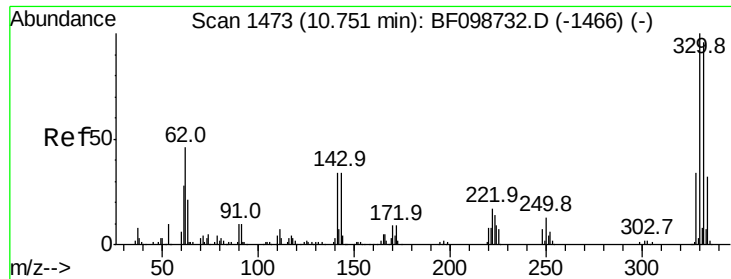
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF099599.D
 Acq: 17 Oct 2017 23:36

Tgt Ion:164 Resp: 199920
 Ion Ratio Lower Upper
 164 100
 162 104.3 86.1 129.1
 160 46.5 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

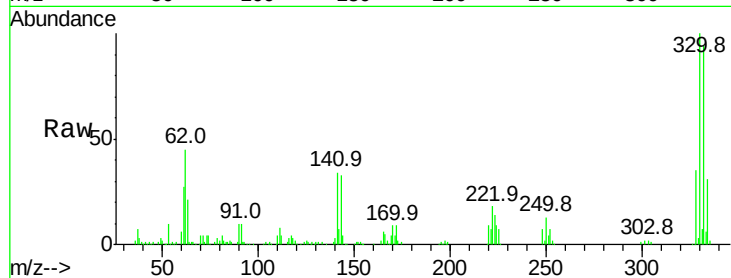




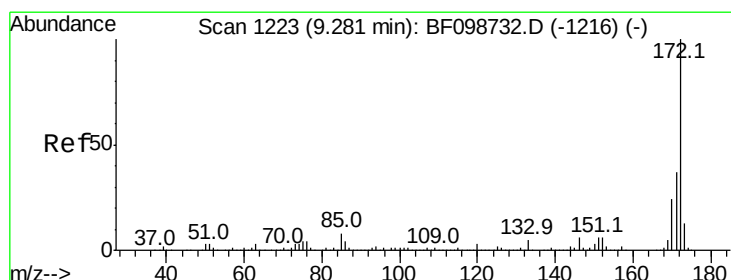
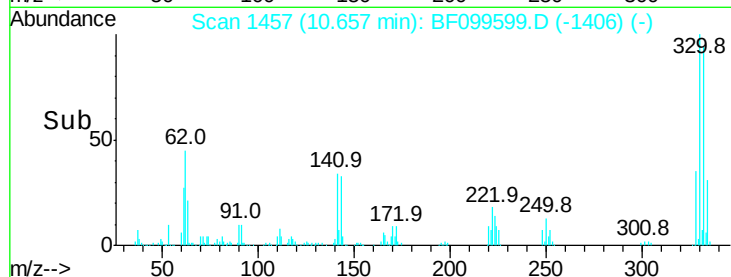
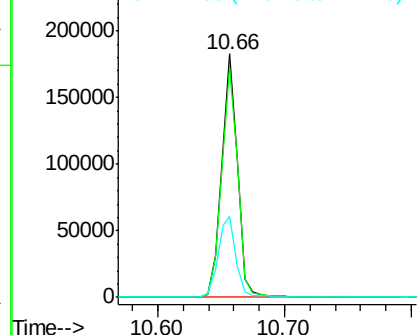
#41
 2,4,6-Tribromophenol
 Concen: 99.907 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF099599.D
 Acq: 17 Oct 2017 23:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-7D-10-11-17

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	36.8	29.9	44.9

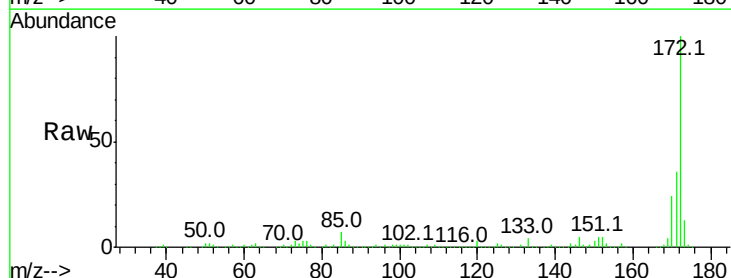


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

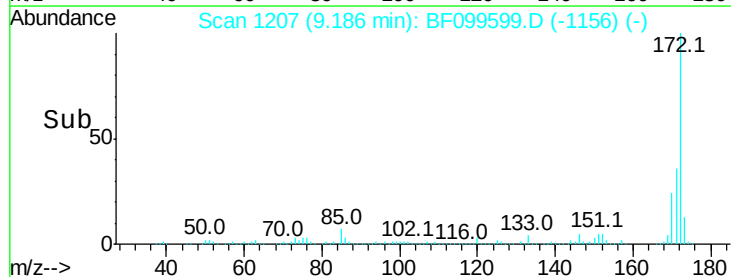
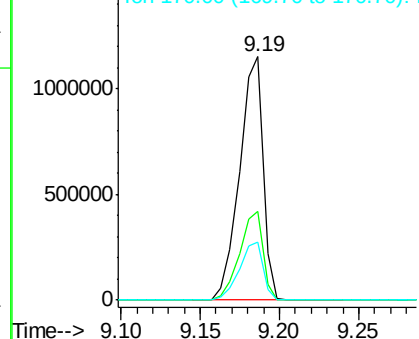


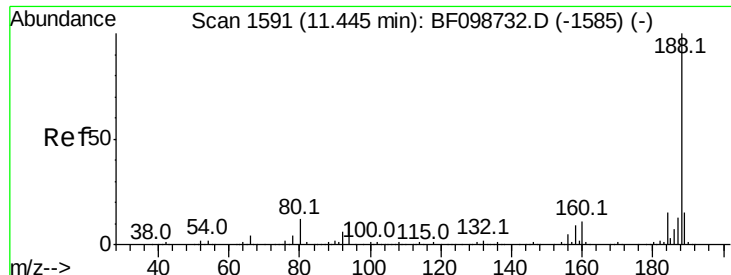
#44
 2-Fluorobiphenyl
 Concen: 98.878 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF099599.D
 Acq: 17 Oct 2017 23:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	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

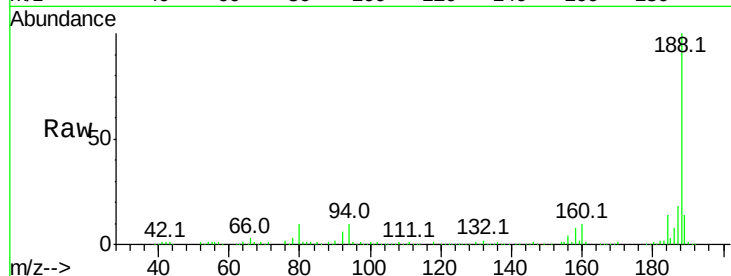




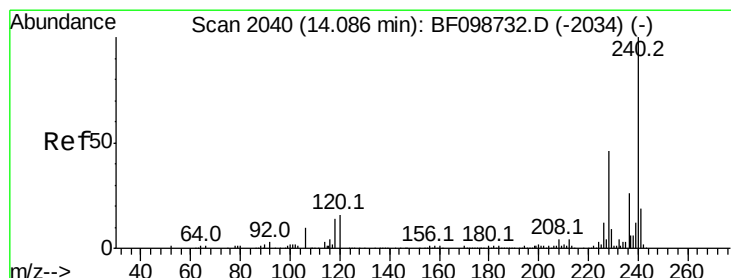
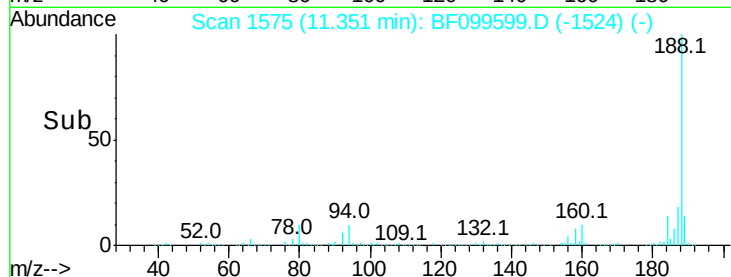
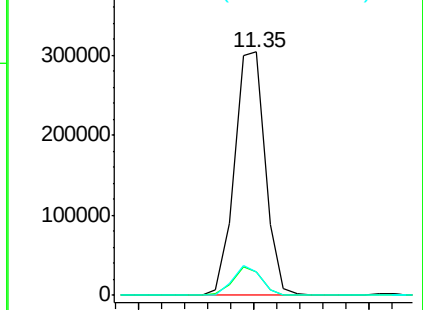
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF099599.D
Acq: 17 Oct 2017 23:36

Instrument :
BNA_F
ClientSampleId :
MW-7D-10-11-17

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	9.9	9.2	13.8

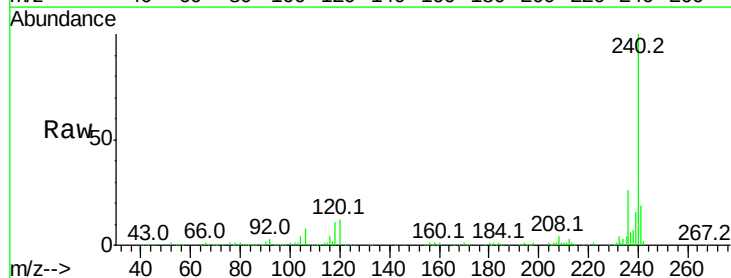


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

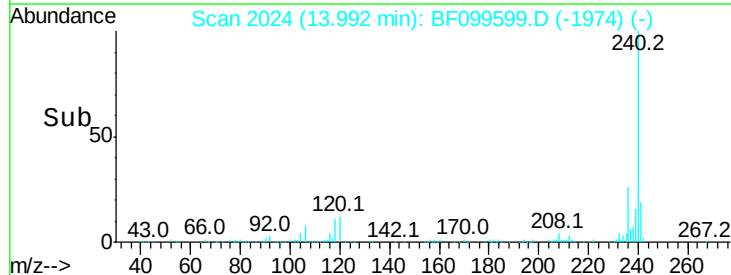
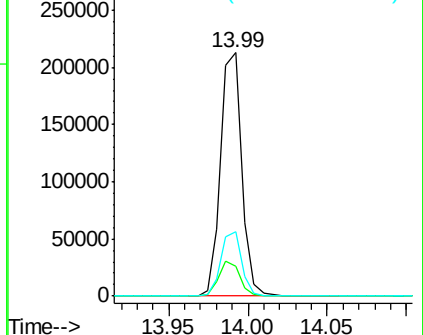


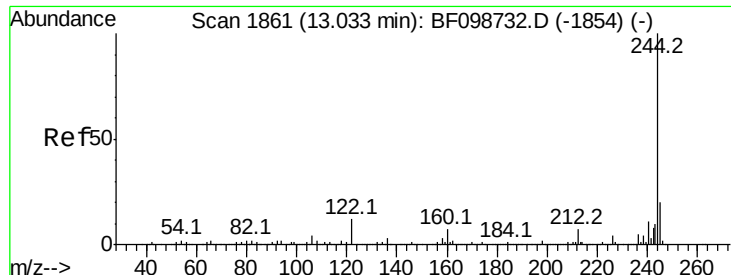
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF099599.D
Acq: 17 Oct 2017 23:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.5	14.3
236	26.3	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: 75.163 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF099599.D

Acq: 17 Oct 2017 23:36

Instrument :

BNA_F

ClientSampleId :

MW-7D-10-11-17

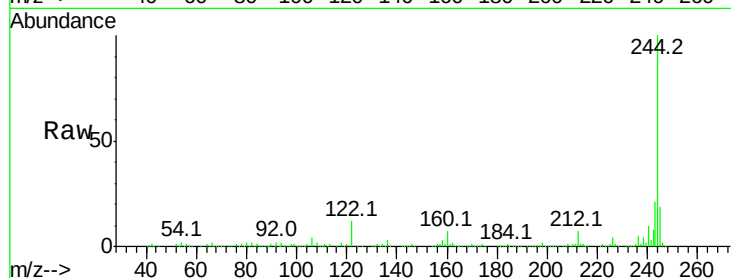
Tot Ion:244 Resp: 651693

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

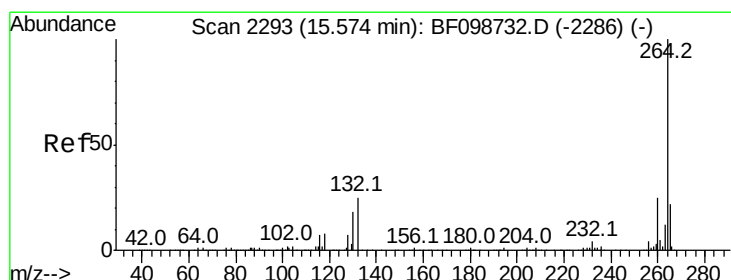
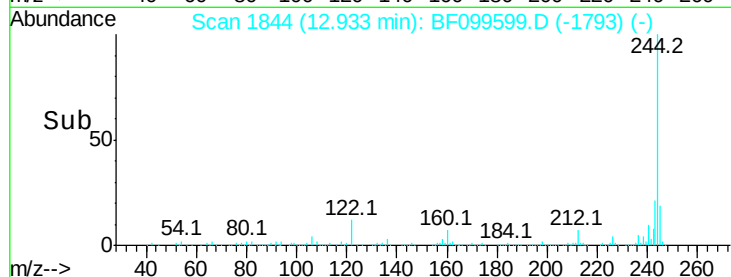
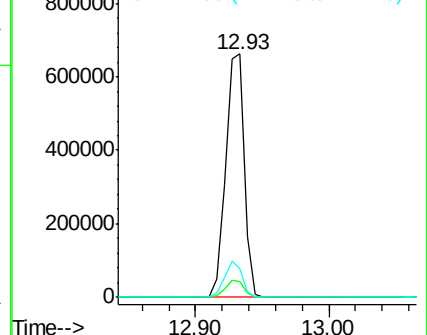
122 12.0 11.0 16.4



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: 15.45 min Scan# 2272

Delta R.T. 0.00 min

Lab File: BF099599.D

Acq: 17 Oct 2017 23:36

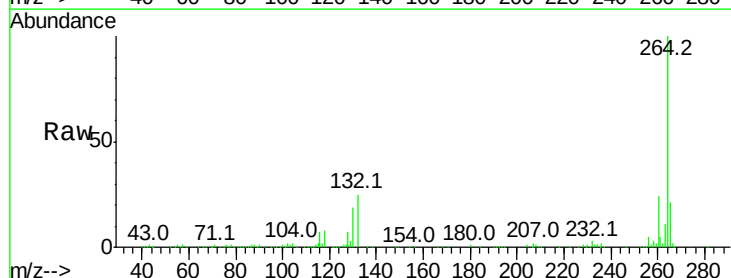
Tgt Ion:264 Resp: 214218

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.4 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

