

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099577.D
 Acq On : 17 Oct 2017 7:04
 Operator : SJ/JU
 Sample : I5908-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T2-T3-COMP

Quant Time: Oct 17 11:21:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	107699	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	426918	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	180169	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	265947	20.00	ng	0.00
75) Chrysene-d12	14.01	240	188930	20.00	ng	0.00
86) Perylene-d12	15.49	264	194228	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	767838	113.49	ng	0.01
7) Phenol-d6	6.49	99	823636	98.69	ng	0.00
23) Nitrobenzene-d5	7.41	82	601371	90.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	180184	122.22	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1083274	100.37	ng	-0.01
78) Terphenyl-d14	12.95	244	701774	84.47	ng	0.00

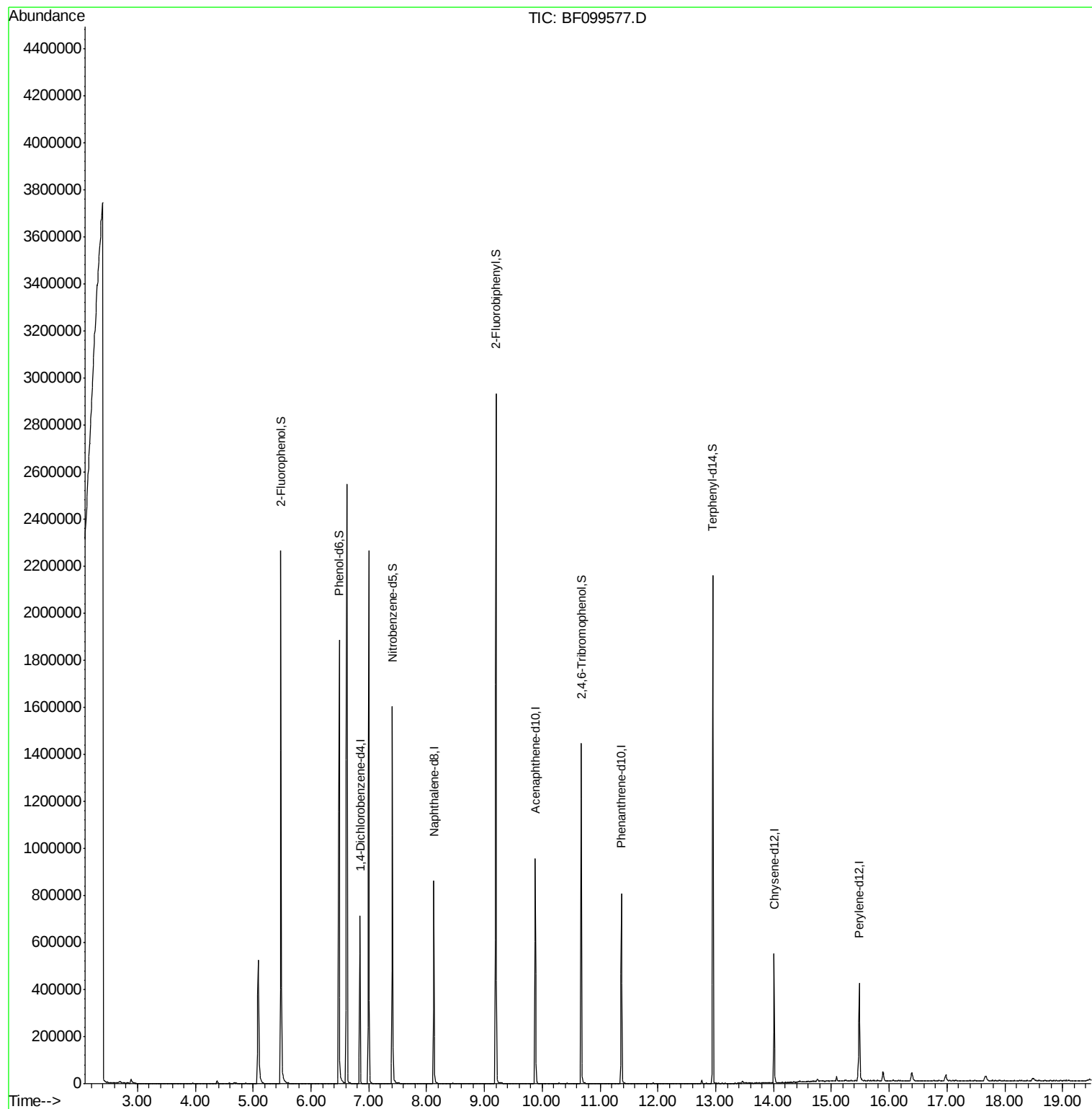
Target Compounds Qvalue

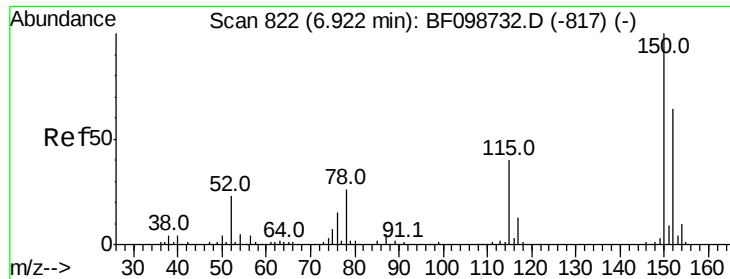
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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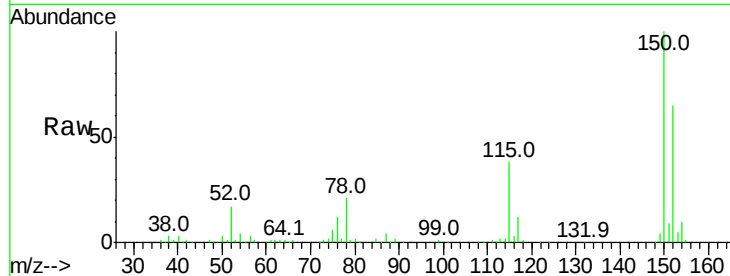




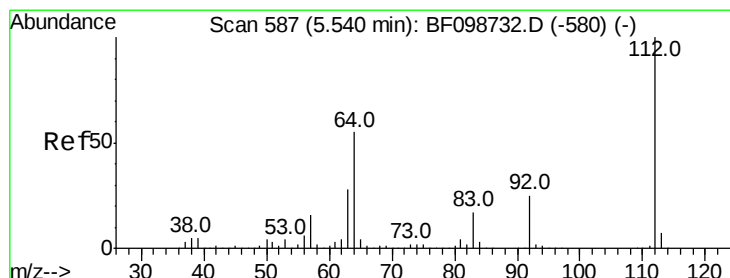
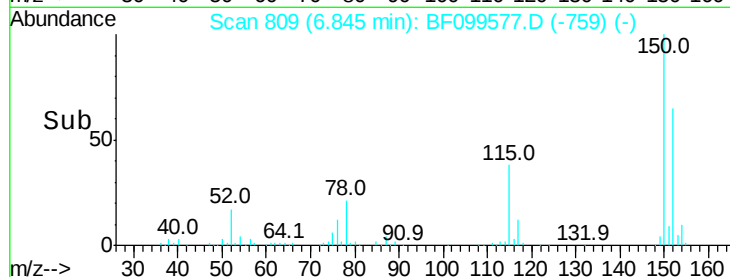
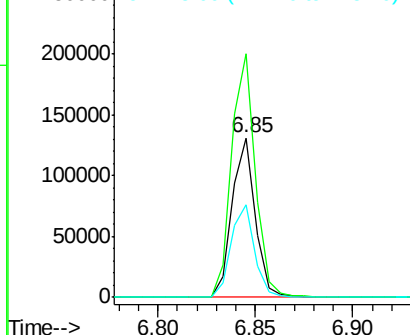
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF099577.D
 Acq: 17 Oct 2017 7:04

Instrument :
 BNA_F
 ClientSampleId :
 T2-T3-COMP

Tot Ion:152 Resp: 107699
 Ion Ratio Lower Upper
 152 100
 150 152.8 124.6 186.8
 115 58.4 50.1 75.1

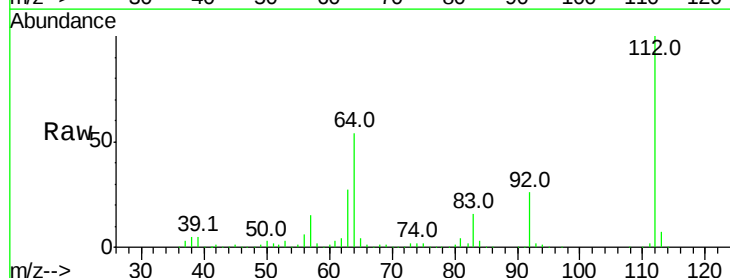


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

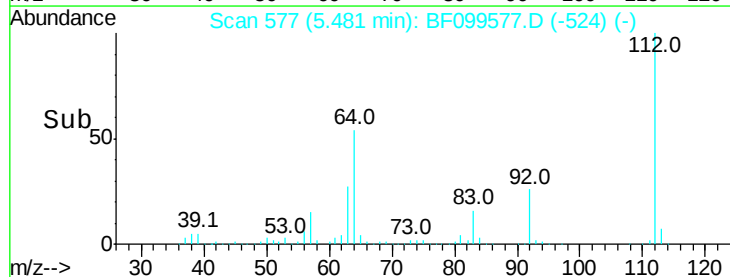
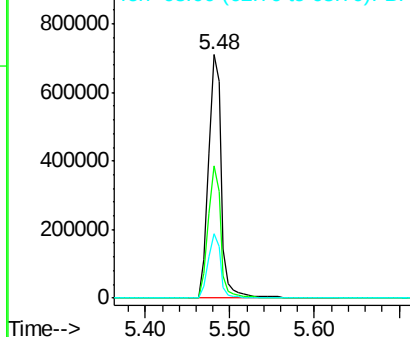


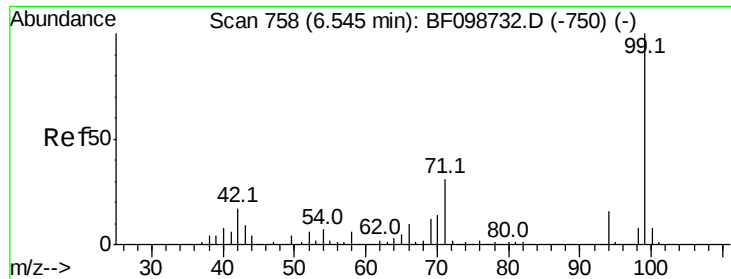
#5
 2-Fluorophenol
 Concen: 113.494 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.01 min
 Lab File: BF099577.D
 Acq: 17 Oct 2017 7:04

Tgt Ion:112 Resp: 767838
 Ion Ratio Lower Upper
 112 100
 64 54.4 47.9 71.9
 63 26.6 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: 98.687 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF099577.D

Acq: 17 Oct 2017 7:04

Instrument :

BNA_F

ClientSampleId :

T2-T3-COMP

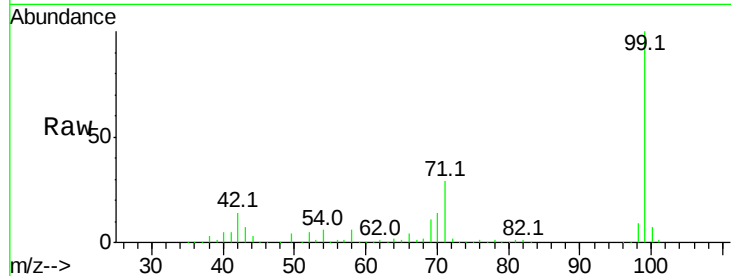
Tot Ion: 99 Resp: 823636

Ion Ratio Lower Upper

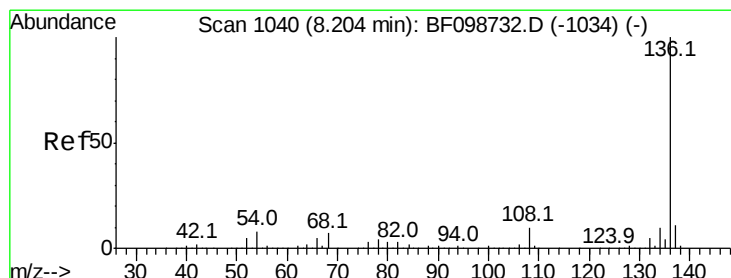
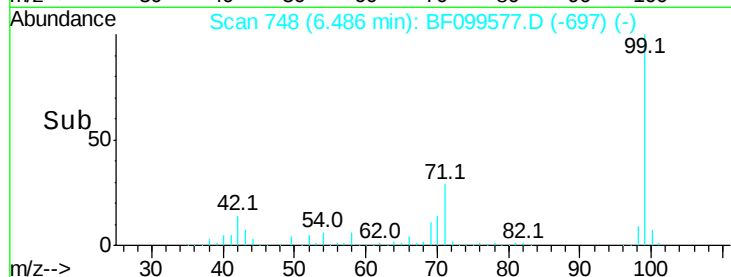
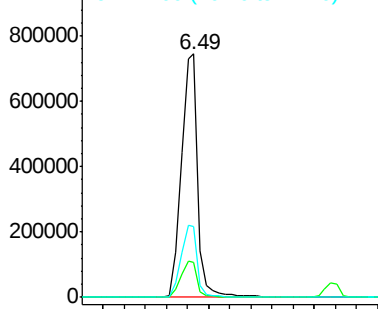
99 100

42 14.3 14.5 21.7#

71 29.3 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: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF099577.D

Acq: 17 Oct 2017 7:04

Tgt Ion: 136 Resp: 426918

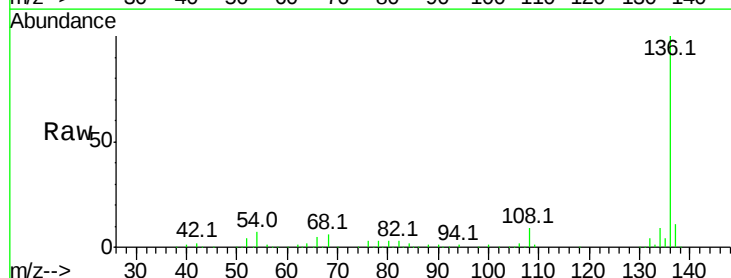
Ion Ratio Lower Upper

136 100

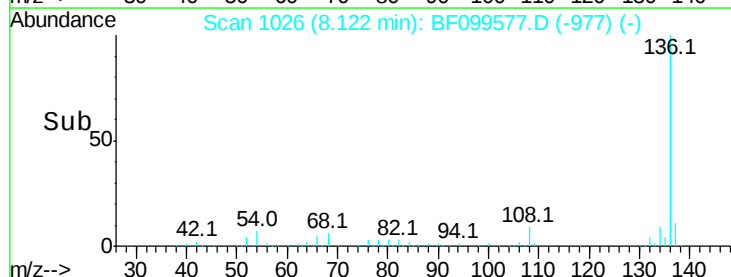
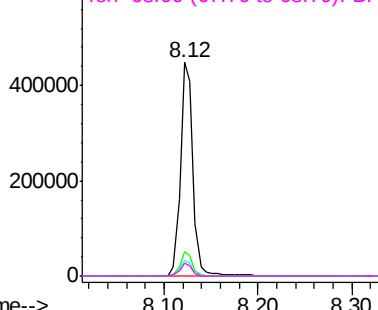
137 11.3 8.9 13.3

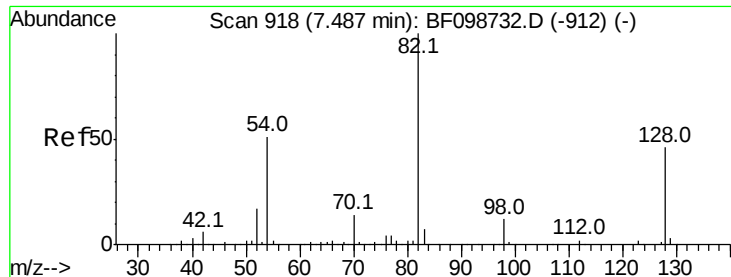
54 7.5 6.6 9.8

68 6.2 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

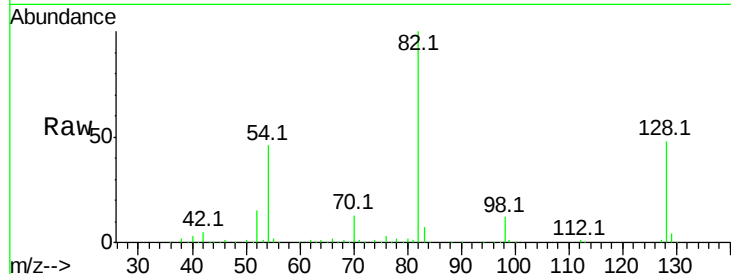




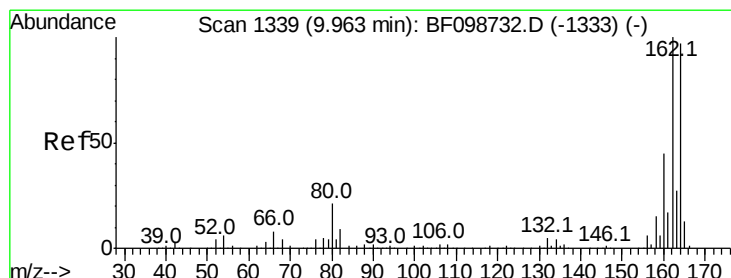
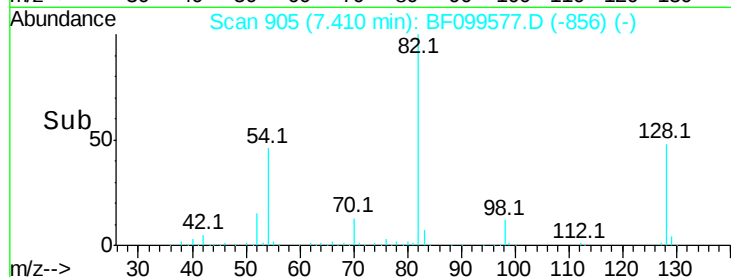
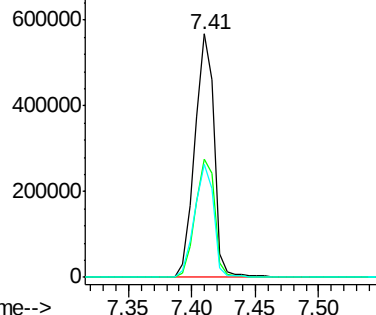
#23
 Nitrobenzene-d5
 Concen: 90.336 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF099577.D
 Acq: 17 Oct 2017 7:04

Instrument :
 BNA_F
 ClientSampleId :
 T2-T3-COMP

Tot Ion	82	Resp	601371
Ion Ratio	Lower	Upper	
82	100		
128	48.5	36.1	54.1
54	46.2	41.4	62.2

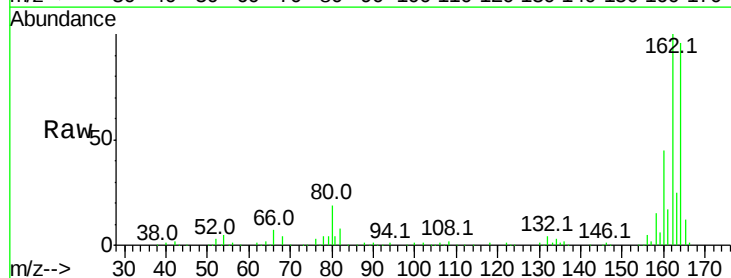


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

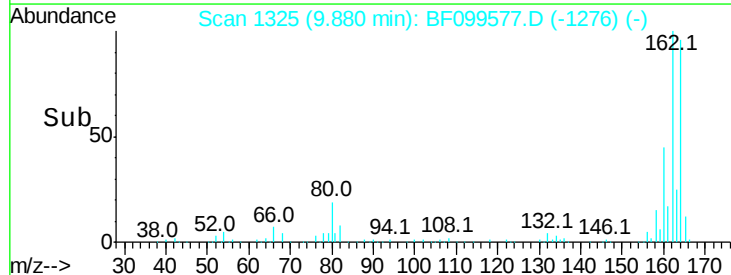
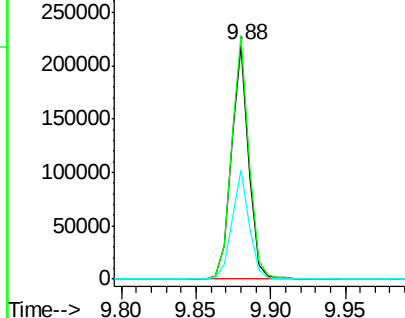


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF099577.D
 Acq: 17 Oct 2017 7:04

Tgt Ion	164	Resp	180169
Ion Ratio	Lower	Upper	
164	100		
162	104.3	86.1	129.1
160	46.8	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

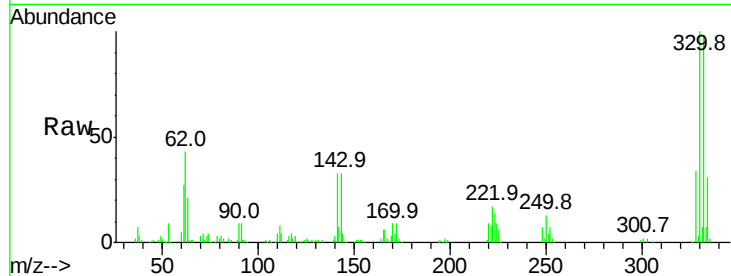




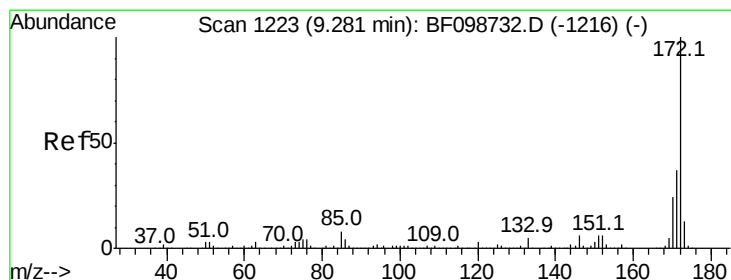
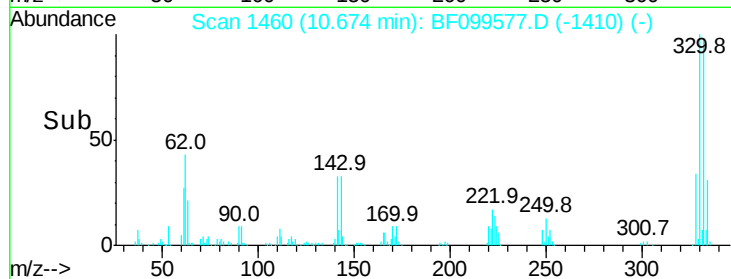
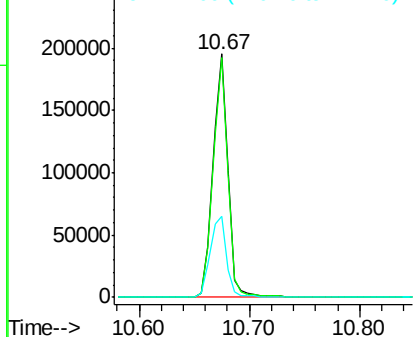
#41
 2,4,6-Tribromophenol
 Concen: 122.219 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF099577.D
 Acq: 17 Oct 2017 7:04

Instrument :
 BNA_F
 ClientSampleId :
 T2-T3-COMP

Tot Ion:330 Resp: 180184
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 36.4 29.9 44.9

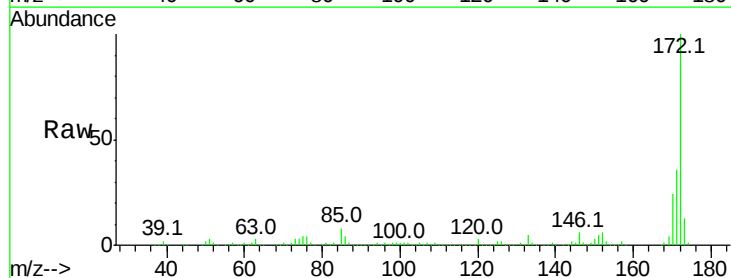


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

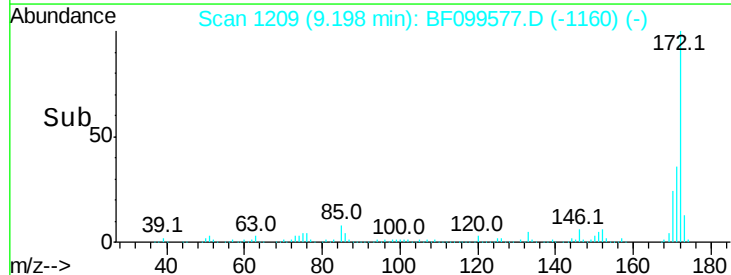
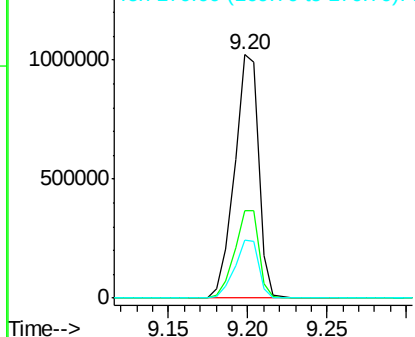


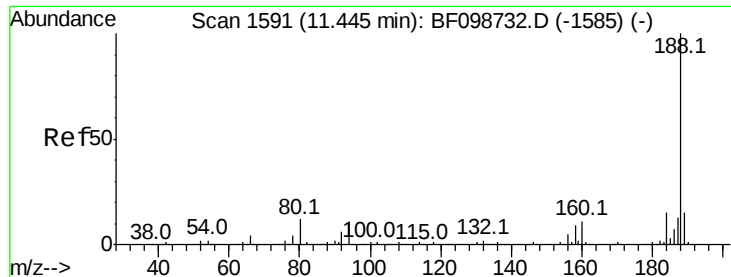
#44
 2-Fluorobiphenyl
 Concen: 100.374 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF099577.D
 Acq: 17 Oct 2017 7:04

Tgt Ion:172 Resp: 1083274
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 23.8 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

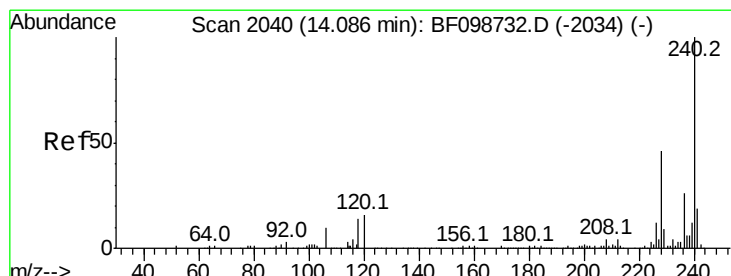
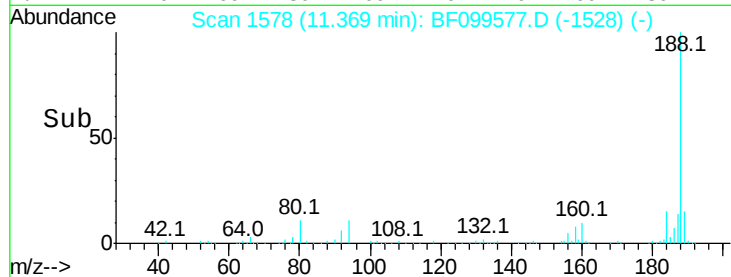
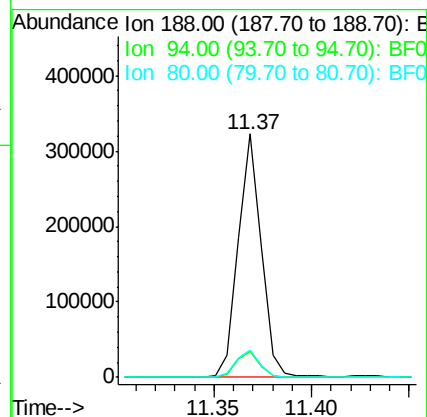
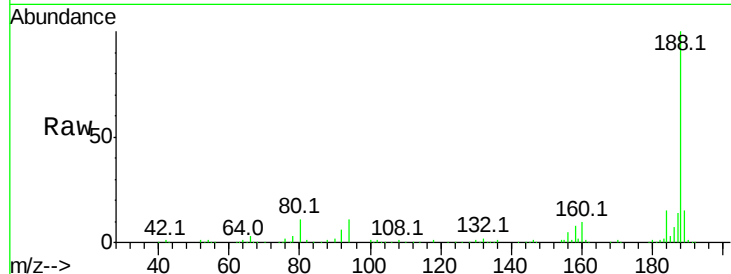




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099577.D
Acq: 17 Oct 2017 7:04

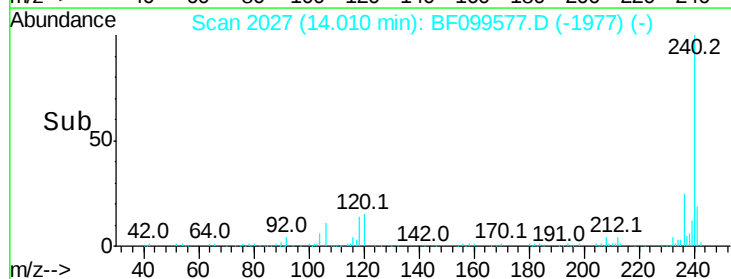
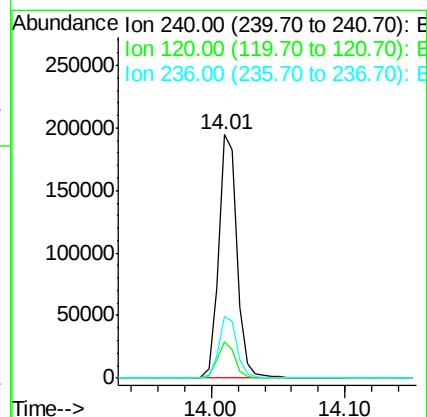
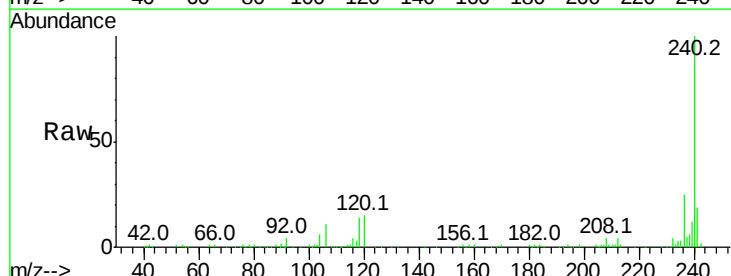
Instrument :
BNA_F
ClientSampleId :
T2-T3-COMP

Tot Ion:188 Resp: 265947
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099577.D
Acq: 17 Oct 2017 7:04

Tgt Ion:240 Resp: 188930
Ion Ratio Lower Upper
240 100
120 15.0 9.5 14.3#
236 25.2 20.7 31.1





#78

Terphenyl-d14

Concen: 84.474 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF099577.D

Acq: 17 Oct 2017 7:04

Instrument :

BNA_F

ClientSampleId :

T2-T3-COMP

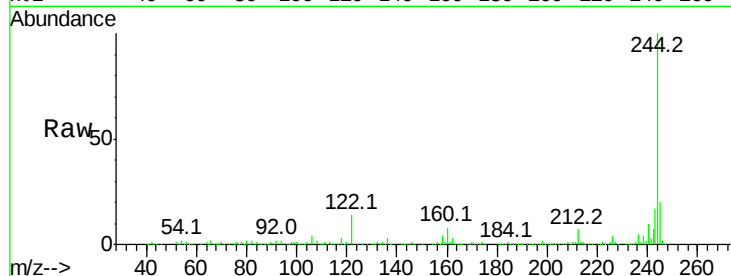
Tot Ion:244 Resp: 701774

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

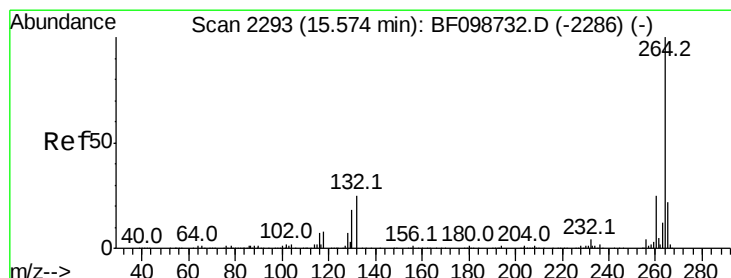
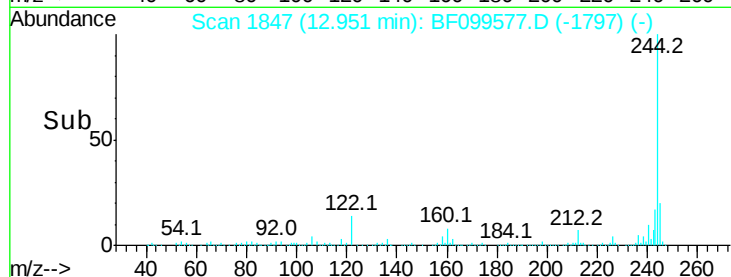
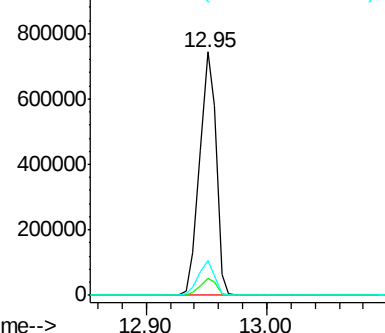
122 14.3 11.0 16.4



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: 15.49 min Scan# 2278

Delta R.T. 0.01 min

Lab File: BF099577.D

Acq: 17 Oct 2017 7:04

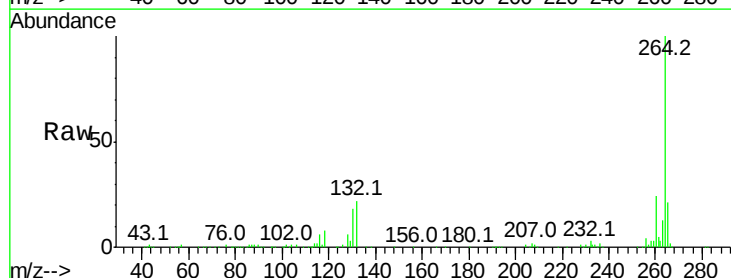
Tgt Ion:264 Resp: 194228

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.1 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

