

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099317.D
 Acq On : 10 Oct 2017 23:16
 Operator : SJ/JU
 Sample : I5745-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100617-B

Quant Time: Oct 11 01:59:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	88775	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	346834	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	133745	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	190403	20.00	ng	0.00
75) Chrysene-d12	14.03	240	180945	20.00	ng	0.00
86) Perylene-d12	15.50	264	152664	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	732421	131.34	ng	0.02
7) Phenol-d6	6.50	99	781951	113.66	ng	0.00
23) Nitrobenzene-d5	7.43	82	548769	101.47	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	148375	135.58	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	972923	121.44	ng	0.00
78) Terphenyl-d14	12.97	244	665001	83.58	ng	0.00

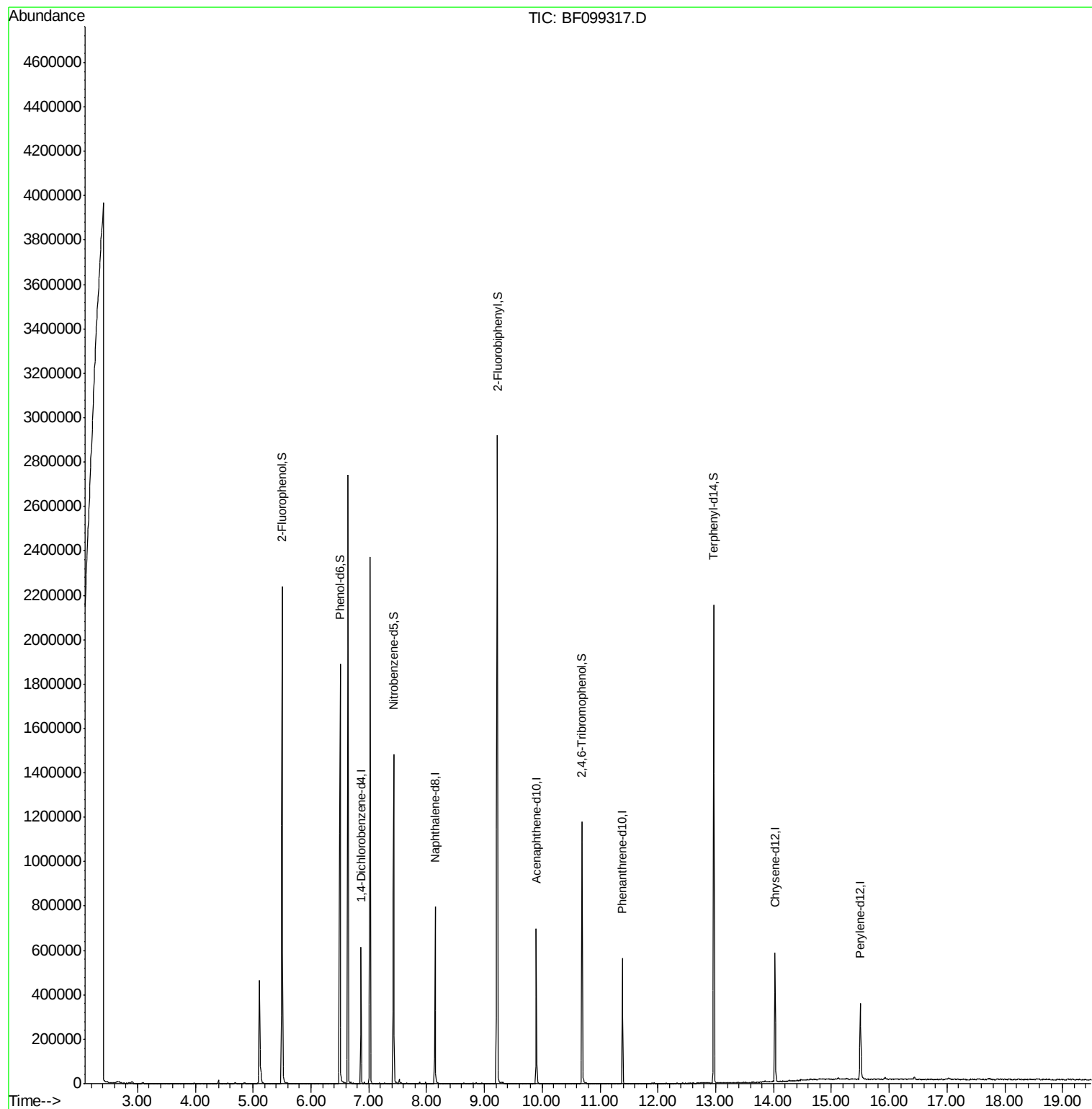
Target Compounds Qvalue

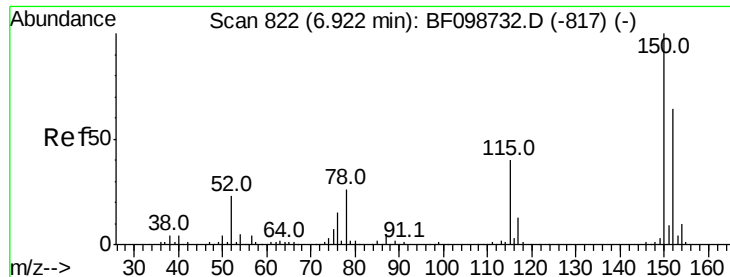
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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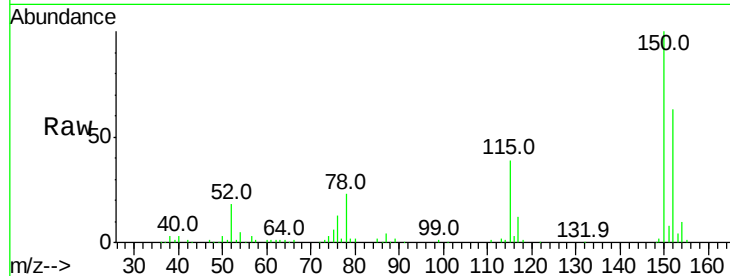


#1

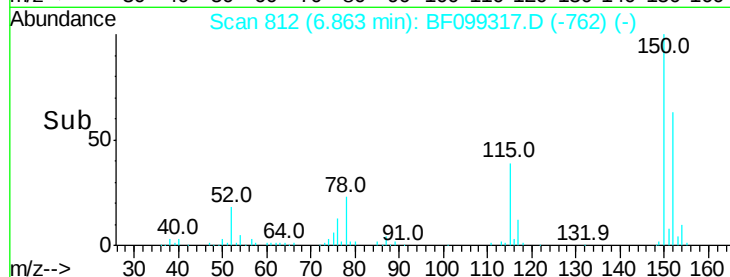
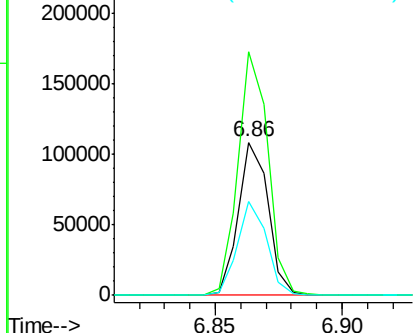
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099317.D
 Acq: 10 Oct 2017 23:16

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100617-B

Tot Ion:152 Resp: 88775
 Ion Ratio Lower Upper
 152 100
 150 159.4 124.6 186.8
 115 61.8 50.1 75.1



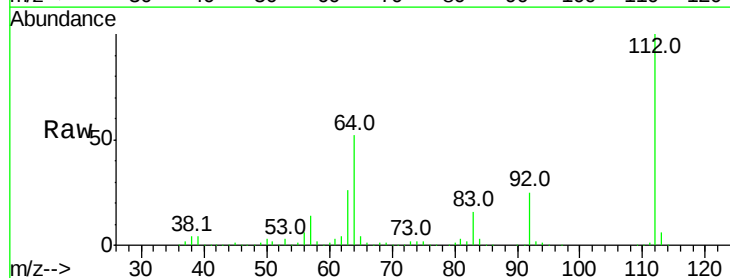
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



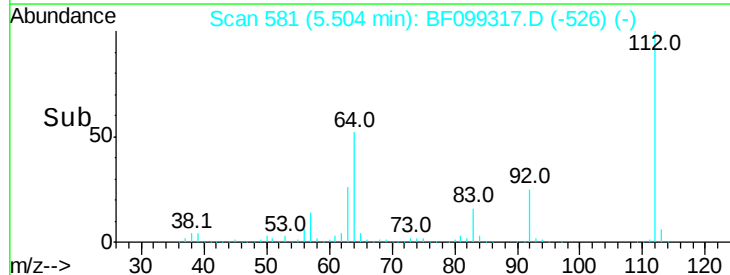
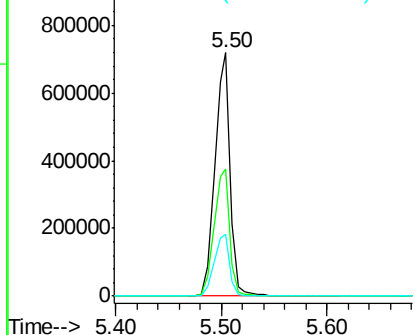
#5

2-Fluorophenol
 Concen: 131.337 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.02 min
 Lab File: BF099317.D
 Acq: 10 Oct 2017 23:16

Tgt Ion:112 Resp: 732421
 Ion Ratio Lower Upper
 112 100
 64 52.5 47.9 71.9
 63 25.6 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: 113.665 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099317.D

Acq: 10 Oct 2017 23:16

Instrument :

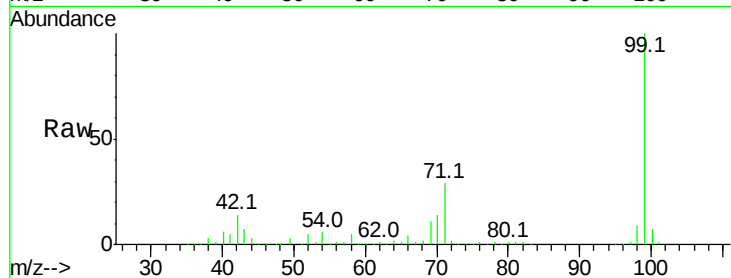
BNA_F

ClientSampleId :

HR-06-100617-B

Tot Ion: 99 Resp: 781951

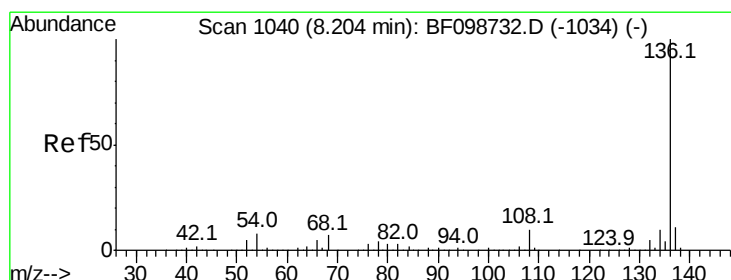
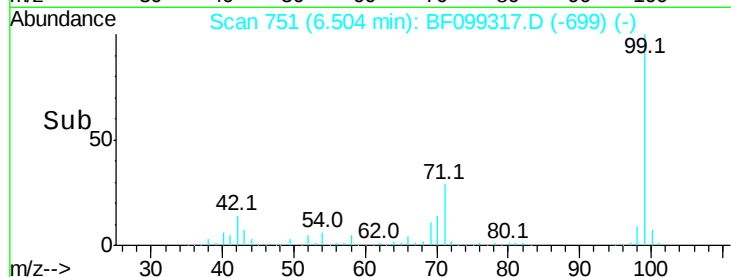
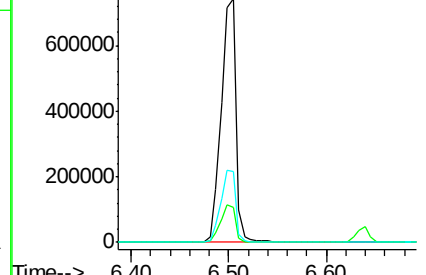
Ion	Ratio	Lower	Upper
99	100		
42	14.3	14.5	21.7#
71	29.3	25.4	38.0



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: 8.15 min Scan# 1030

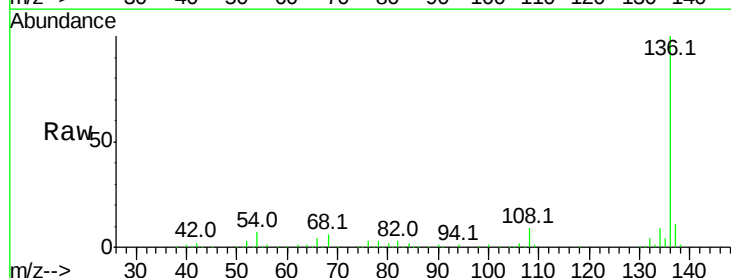
Delta R.T. -0.01 min

Lab File: BF099317.D

Acq: 10 Oct 2017 23:16

Tgt Ion: 136 Resp: 346834

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.7	6.6	9.8
68	5.6	5.0	7.4

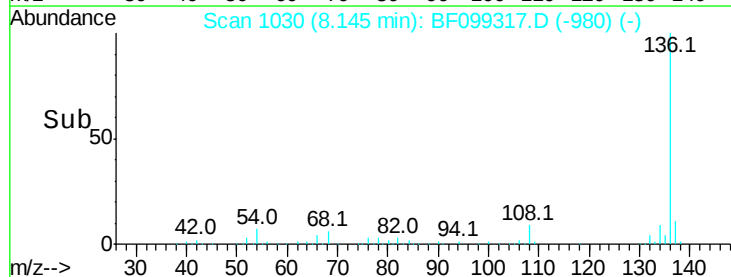
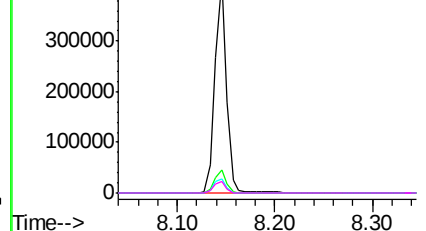


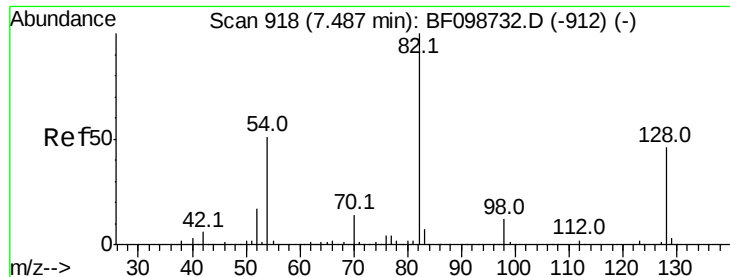
Abundance Ion 136.00 (135.70 to 136.70): E

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

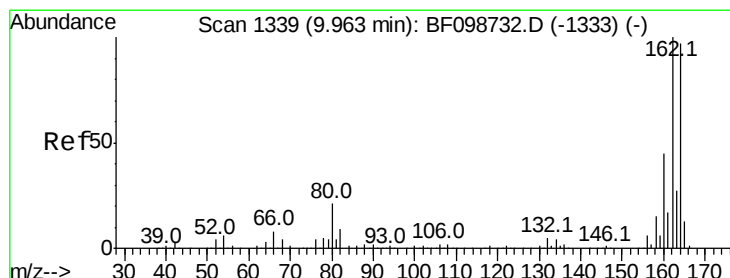
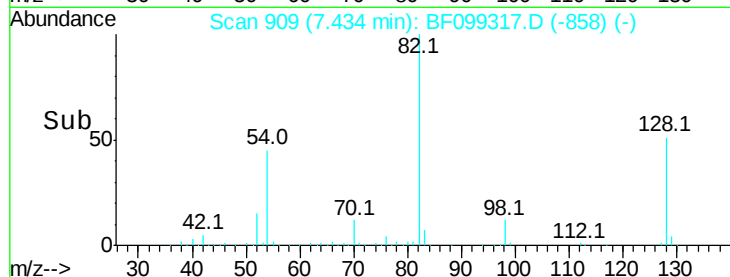
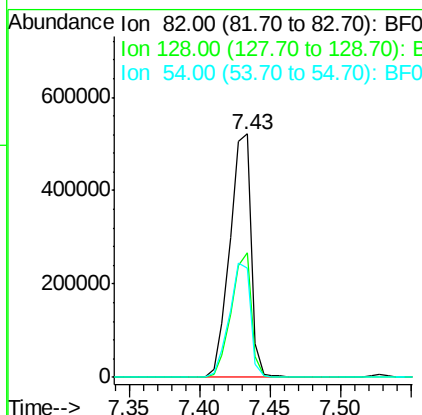
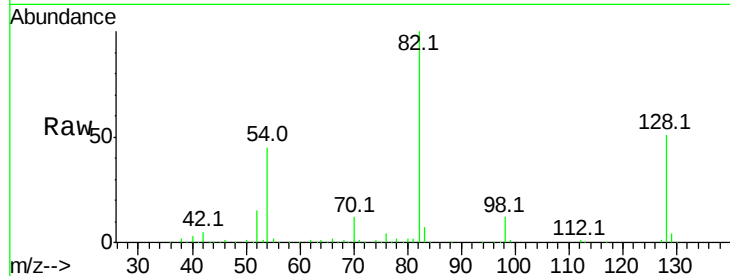




#23
 Nitrobenzene-d5
 Concen: 101.468 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF099317.D
 Acq: 10 Oct 2017 23:16

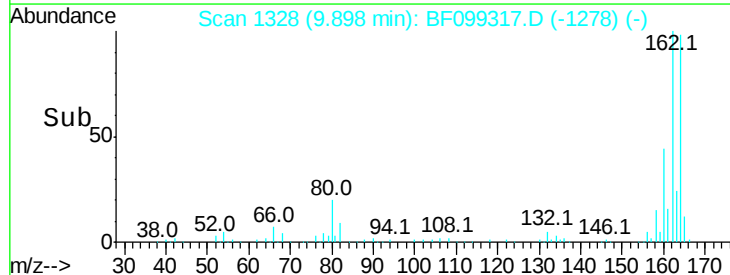
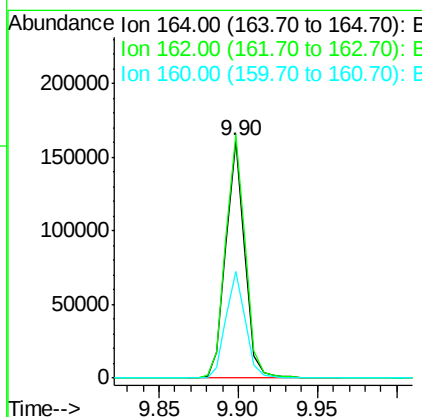
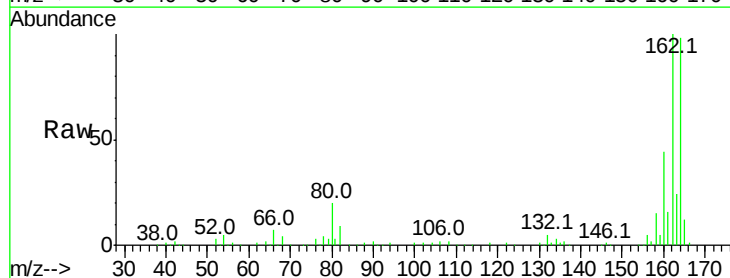
Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100617-B

Tot Ion: 82 Resp: 548769
 Ion Ratio Lower Upper
 82 100
 128 51.2 36.1 54.1
 54 45.0 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099317.D
 Acq: 10 Oct 2017 23:16

Tgt Ion:164 Resp: 133745
 Ion Ratio Lower Upper
 164 100
 162 102.4 86.1 129.1
 160 44.7 38.3 57.5

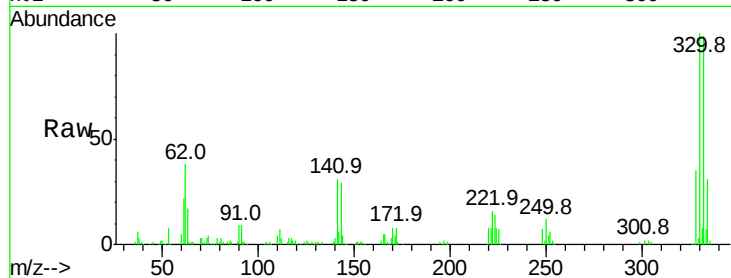




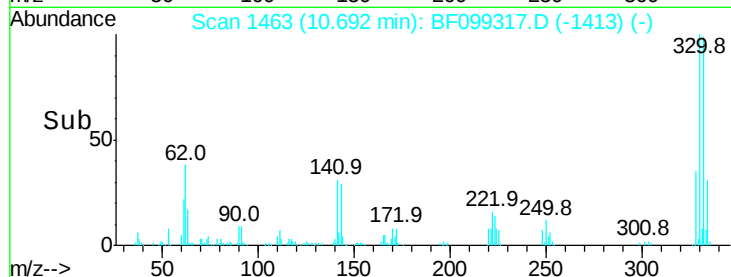
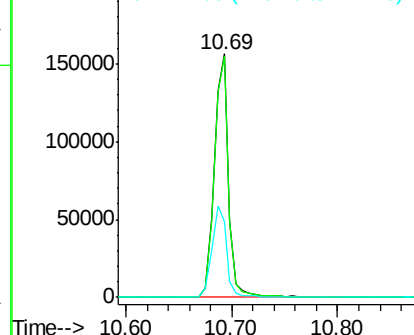
#41
 2,4,6-Tribromophenol
 Concen: 135.577 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099317.D
 Acq: 10 Oct 2017 23:16

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100617-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.0	115.6
141	38.4	29.9	44.9

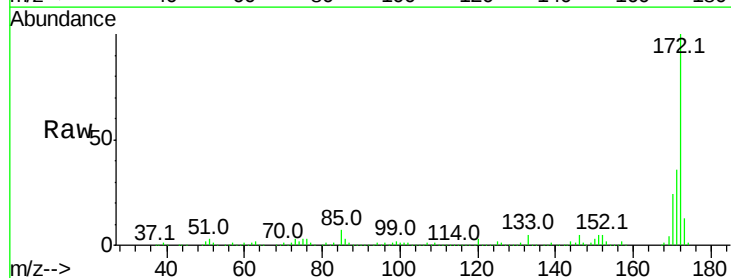


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

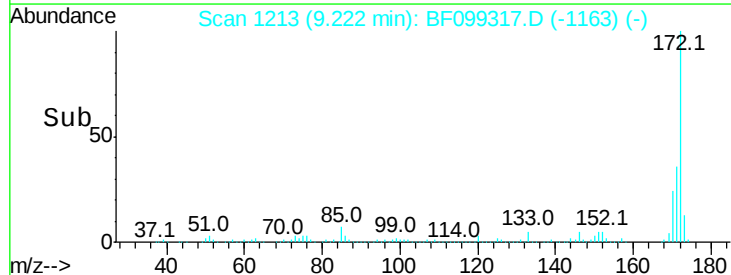
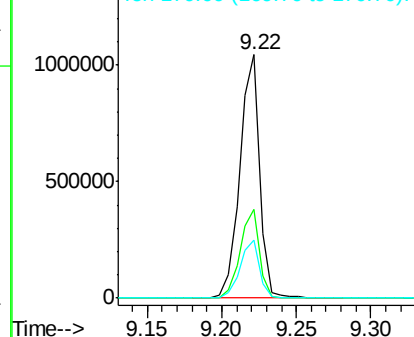


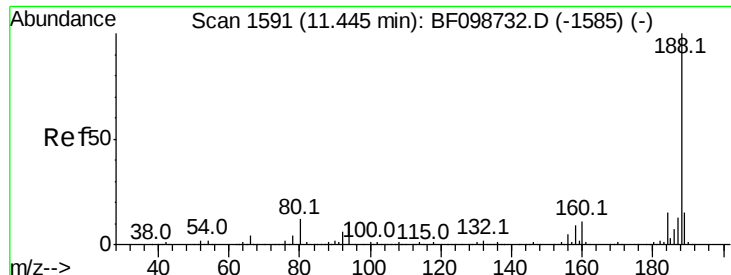
#44
 2-Fluorobiphenyl
 Concen: 121.441 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099317.D
 Acq: 10 Oct 2017 23:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.1	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

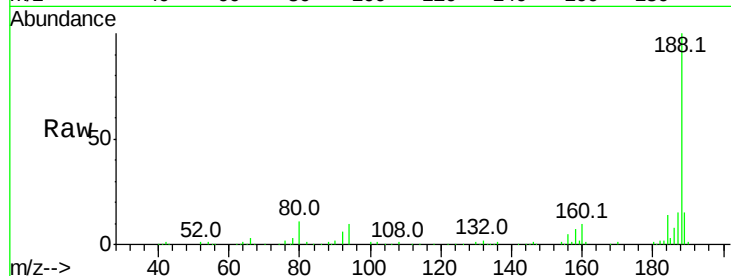




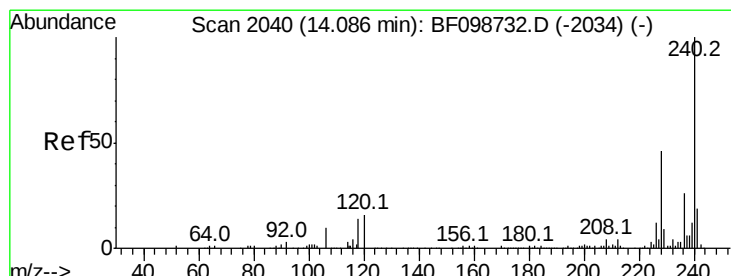
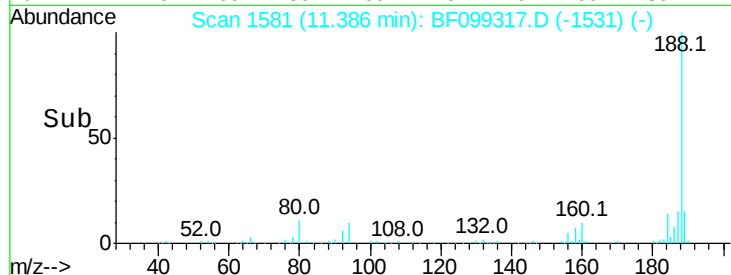
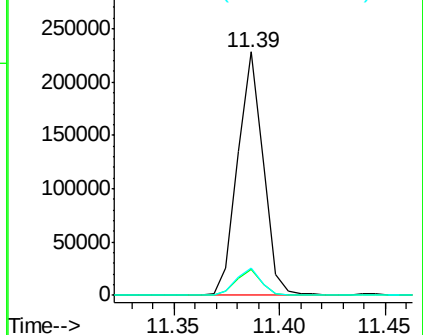
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099317.D
Acq: 10 Oct 2017 23:16

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-B

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.4	9.2	13.8

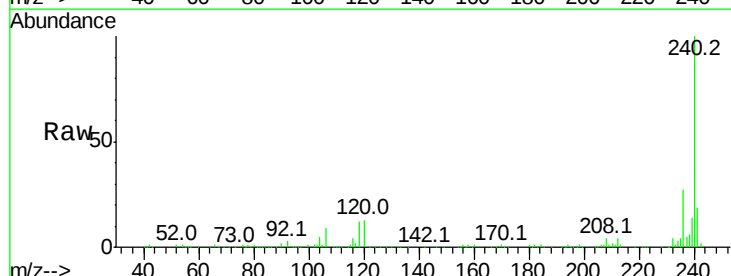


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

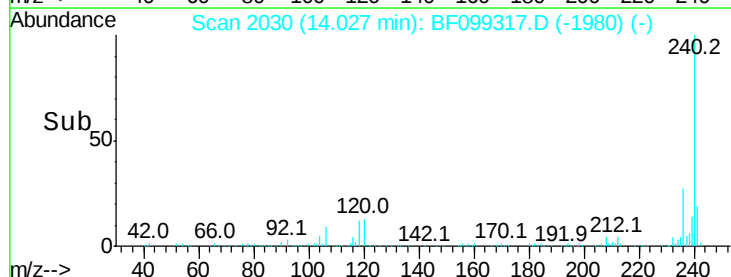
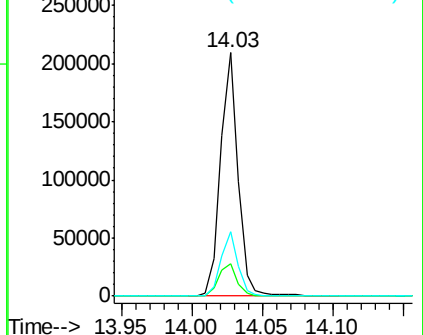


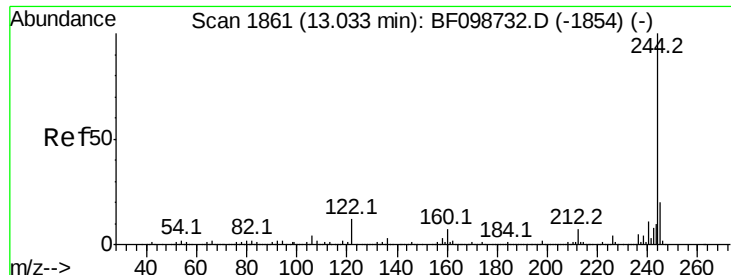
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099317.D
Acq: 10 Oct 2017 23:16

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.5	14.3
236	26.7	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: 83.580 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099317.D

Acq: 10 Oct 2017 23:16

Instrument :

BNA_F

ClientSampleId :

HR-06-100617-B

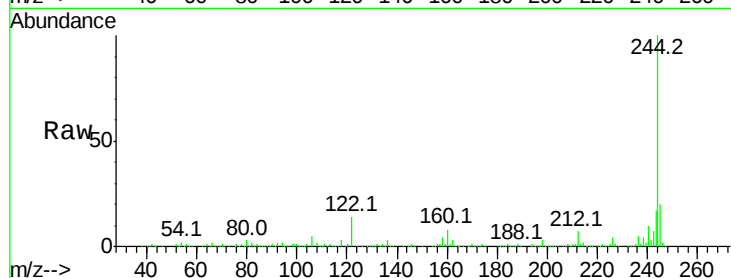
Tot Ion:244 Resp: 665001

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

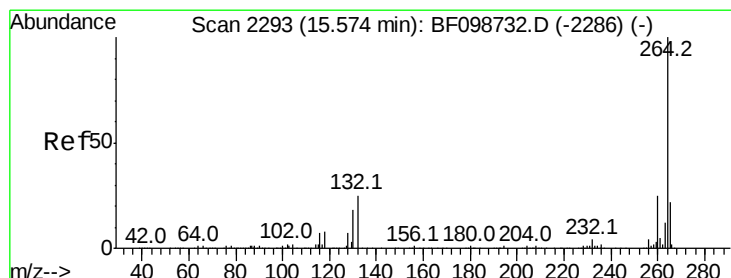
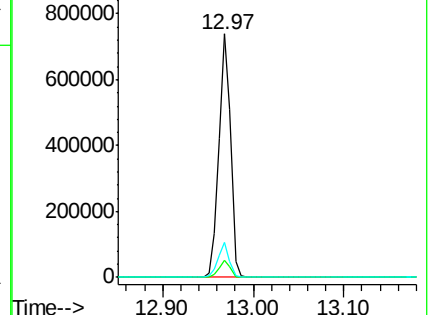
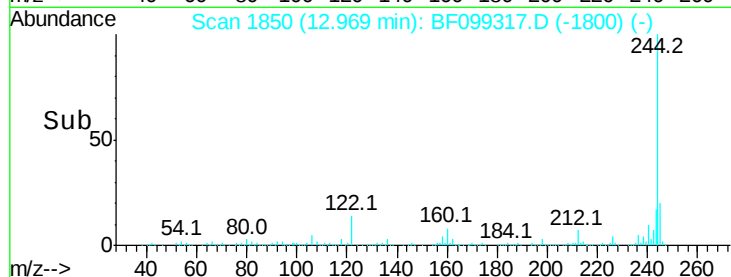
122 14.1 11.0 16.4



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: 15.50 min Scan# 2281

Delta R.T. 0.00 min

Lab File: BF099317.D

Acq: 10 Oct 2017 23:16

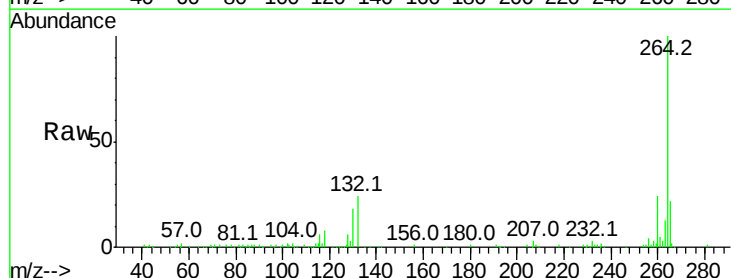
Tgt Ion:264 Resp: 152664

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 22.2 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

