

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
 Data File : BF099151.D
 Acq On : 6 Oct 2017 17:00
 Operator : SJ/JU
 Sample : PB102939TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102939TB

Quant Time: Oct 06 23:10:03 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	112045	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	462067	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	210259	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	368107	20.00	ng	0.00
75) Chrysene-d12	14.02	240	245459	20.00	ng	-0.01
86) Perylene-d12	15.49	264	187469	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	803092	114.10	ng	0.01
7) Phenol-d6	6.49	99	956036	110.11	ng	0.00
23) Nitrobenzene-d5	7.43	82	578465	80.28	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	196010	113.93	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1081602	85.88	ng	-0.01
78) Terphenyl-d14	12.97	244	905308	83.88	ng	0.00

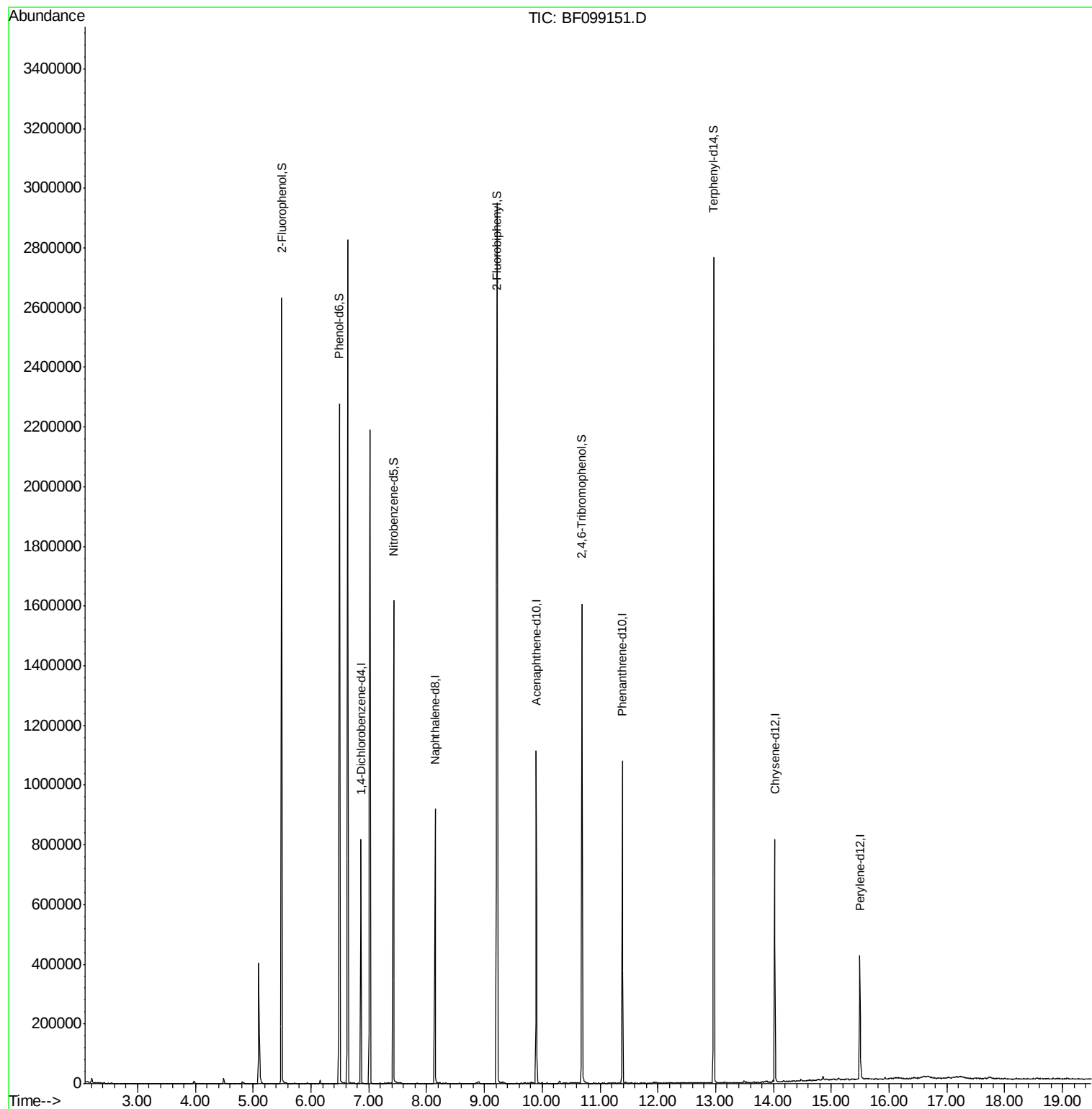
Target Compounds	Qvalue
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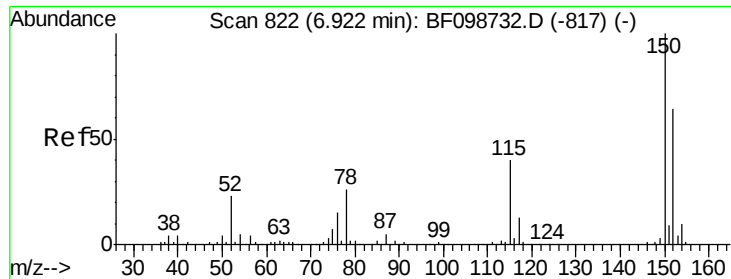
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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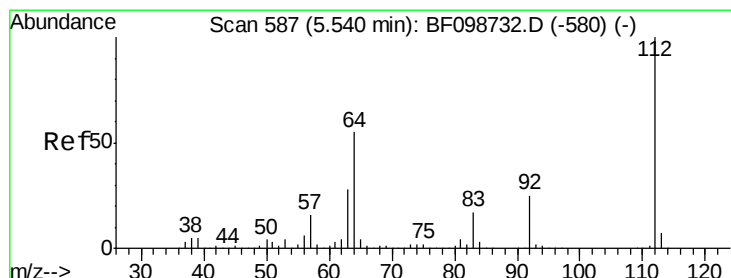
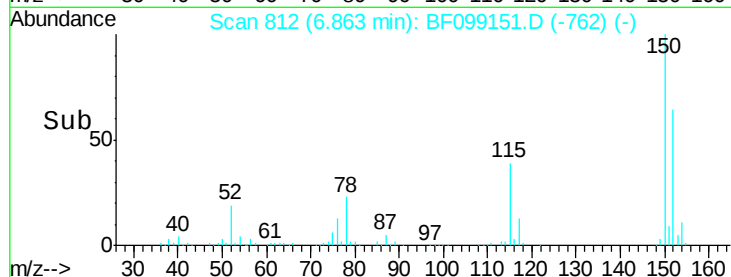
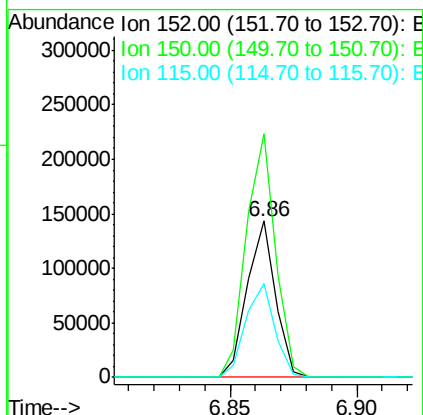
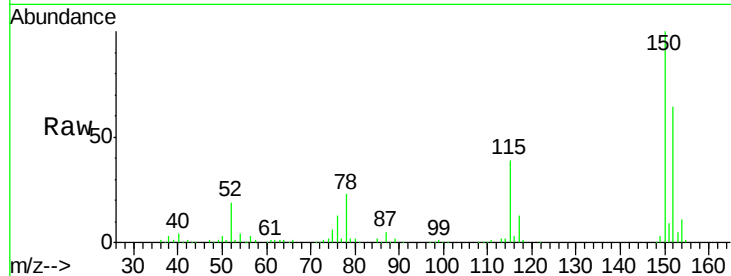


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099151.D
Acq: 6 Oct 2017 17:00

Instrument :
BNA_F
ClientSampleId :
PB102939TB

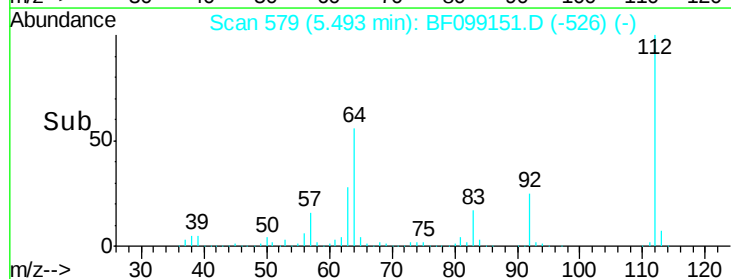
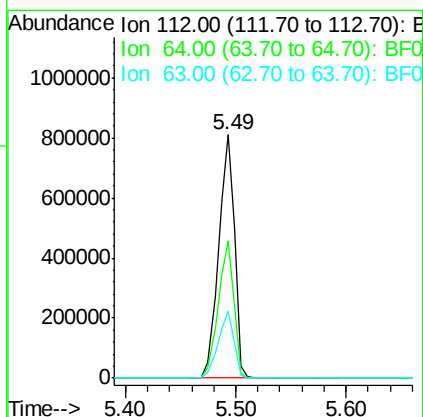
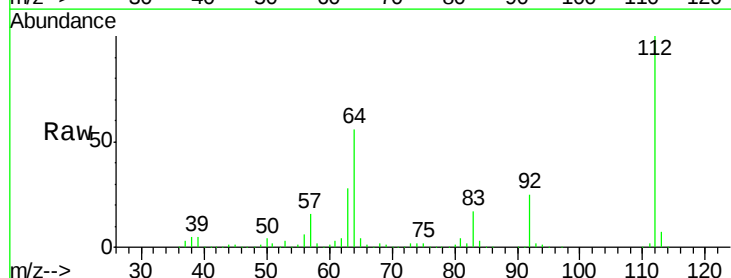
Tgt Ion:152 Resp: 112045
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 60.1 50.1 75.1

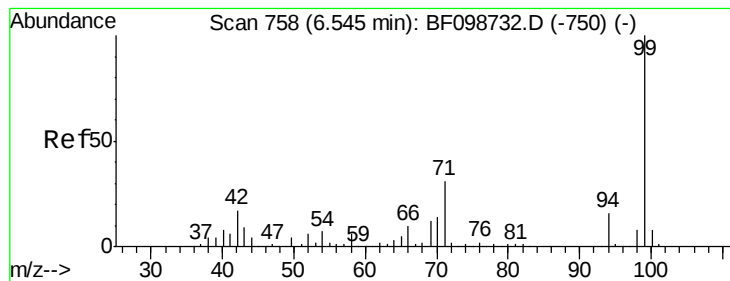


#5

2-Fluorophenol
Concen: 114.10 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF099151.D
Acq: 6 Oct 2017 17:00

Tgt Ion:112 Resp: 803092
Ion Ratio Lower Upper
112 100
64 56.3 47.9 71.9
63 27.6 23.7 35.5





#7

Phenol-d6

Concen: 110.11 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099151.D

Acq: 6 Oct 2017 17:00

Instrument :

BNA_F

ClientSampleId :

PB102939TB

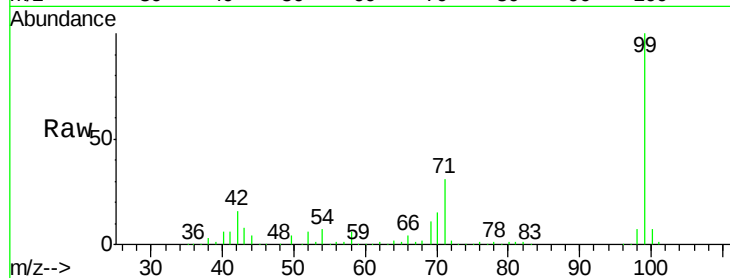
Tgt Ion: 99 Resp: 956036

Ion Ratio Lower Upper

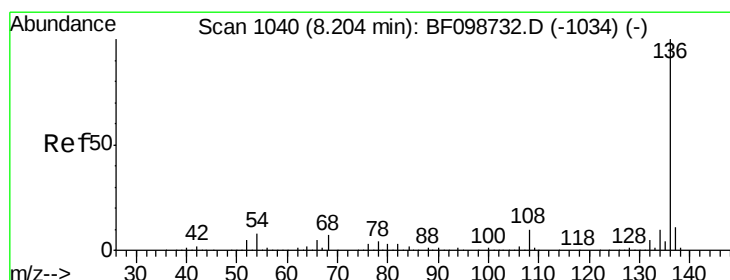
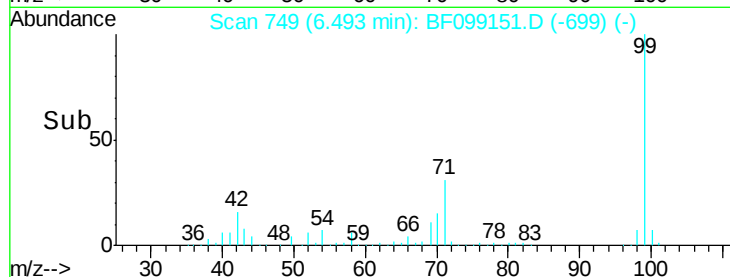
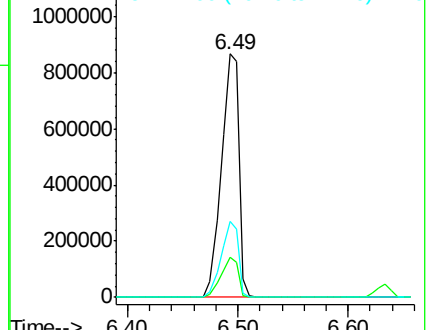
99 100

42 16.2 14.5 21.7

71 31.0 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: 20.00 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099151.D

Acq: 6 Oct 2017 17:00

Tgt Ion: 136 Resp: 462067

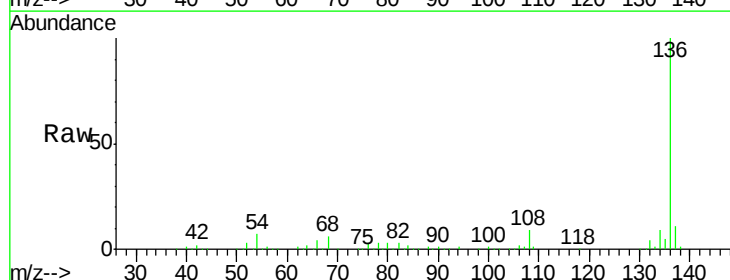
Ion Ratio Lower Upper

136 100

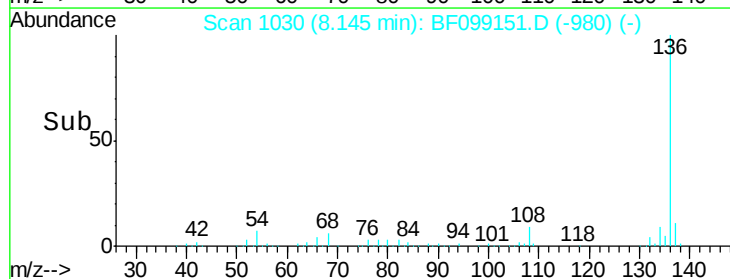
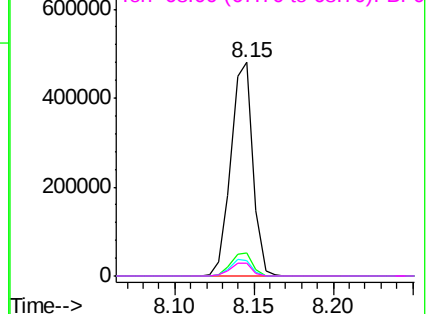
137 10.6 8.9 13.3

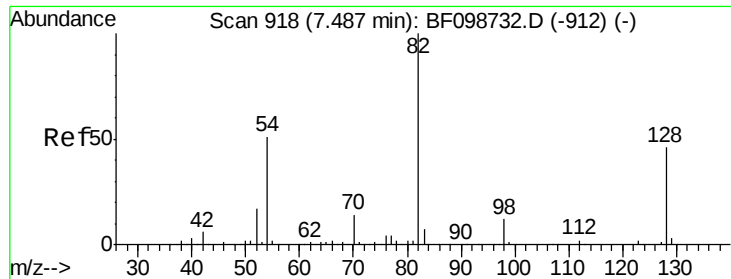
54 6.9 6.6 9.8

68 5.9 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

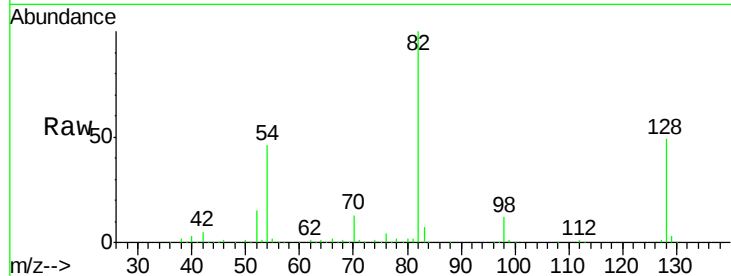




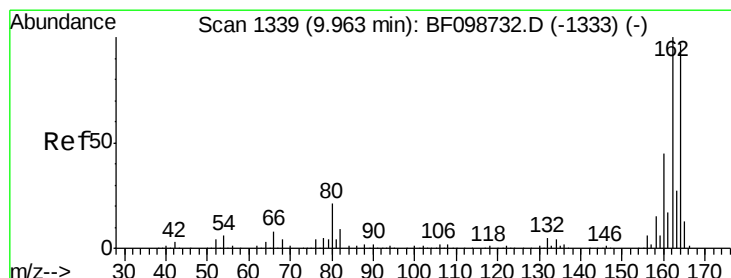
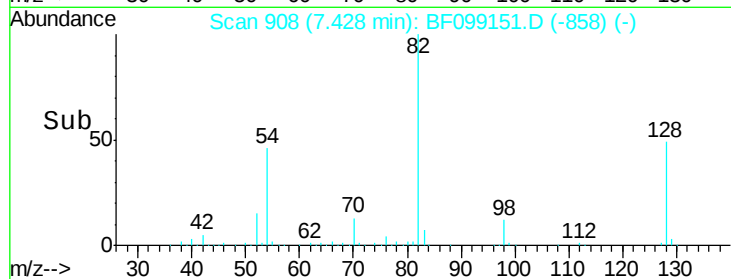
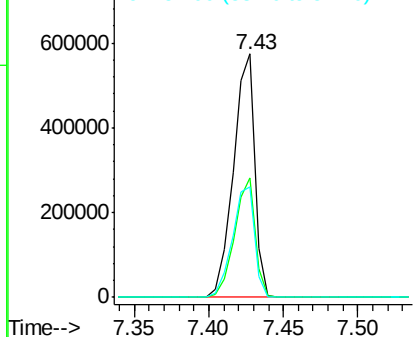
#23
 Nitrobenzene-d5
 Concen: 80.28 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099151.D
 Acq: 6 Oct 2017 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB102939TB

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.1	36.1	54.1
54	45.6	41.4	62.2

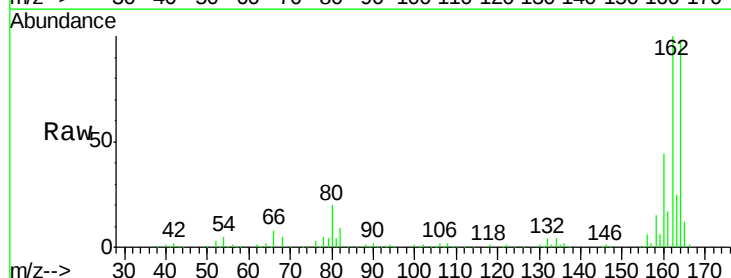


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

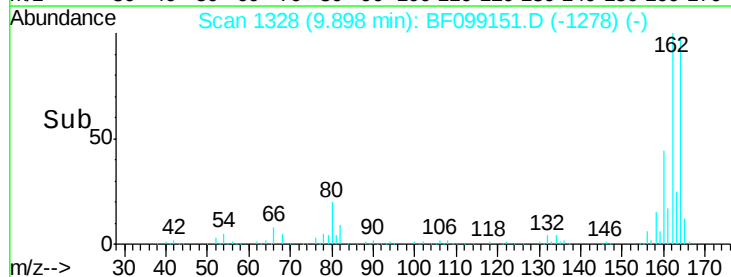
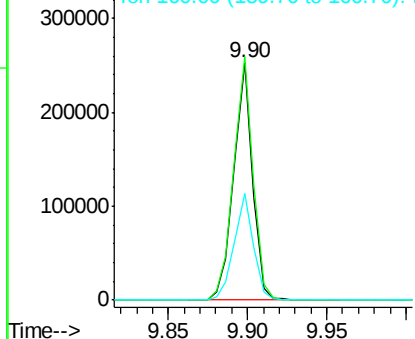


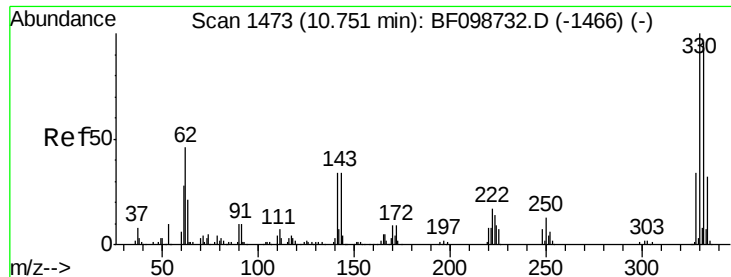
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099151.D
 Acq: 6 Oct 2017 17:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	45.0	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B





#41

2,4,6-Tribromophenol

Concen: 113.93 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BF099151.D

Acq: 6 Oct 2017 17:00

Instrument :

BNA_F

ClientSampleId :

PB102939TB

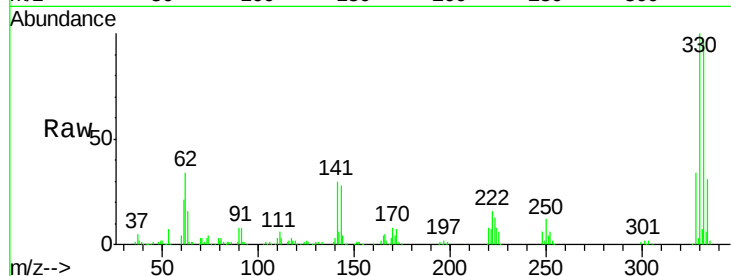
Tgt Ion:330 Resp: 196010

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

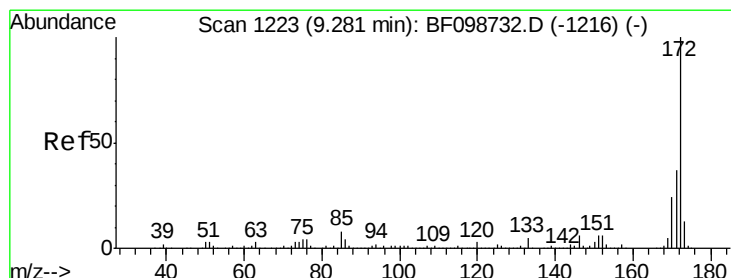
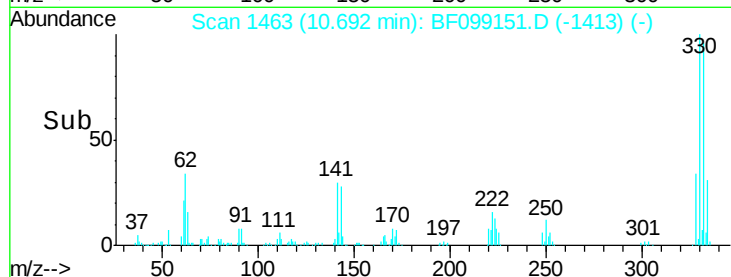
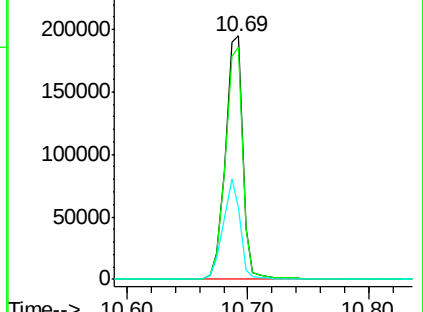
141 40.0 29.9 44.9



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: 85.88 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF099151.D

Acq: 6 Oct 2017 17:00

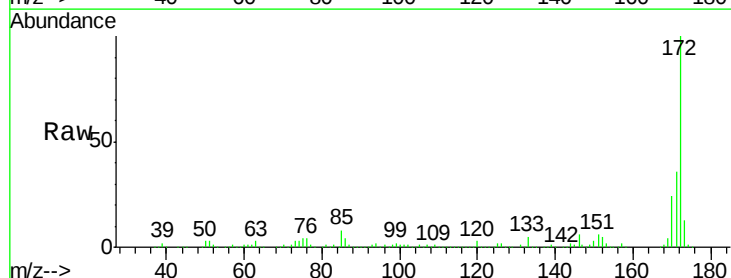
Tgt Ion:172 Resp: 1081602

Ion Ratio Lower Upper

172 100

171 36.3 29.7 44.5

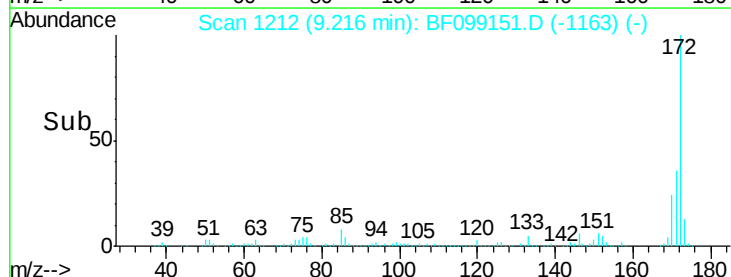
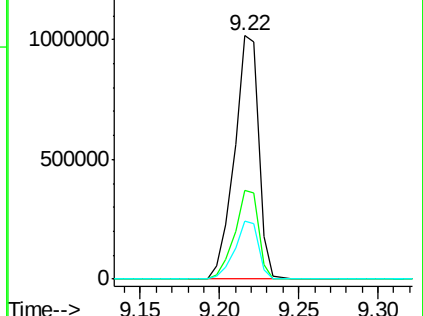
170 23.9 19.6 29.4

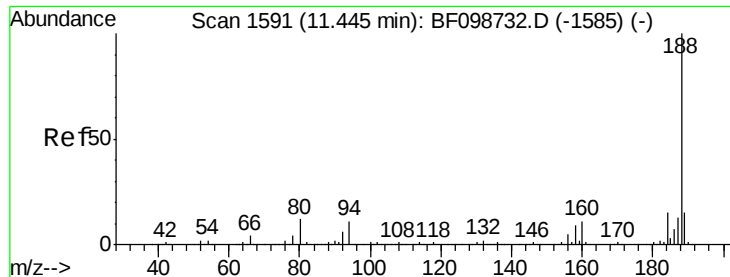


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

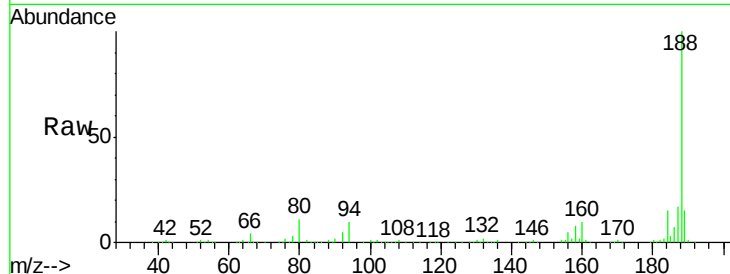




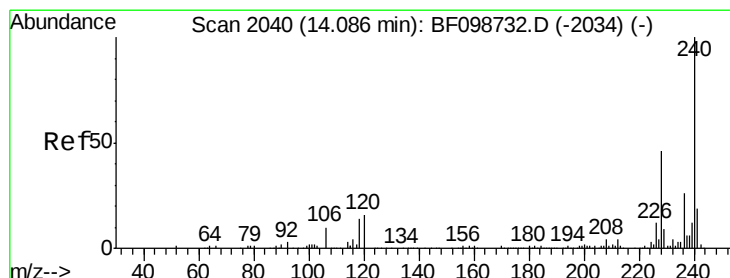
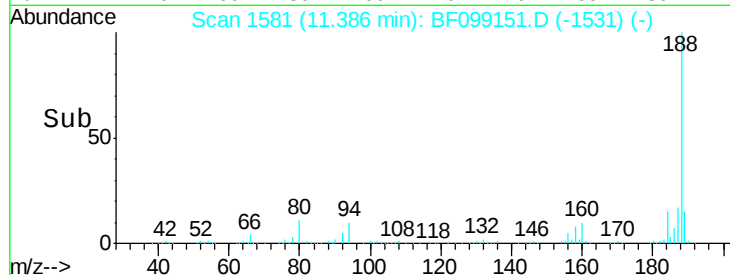
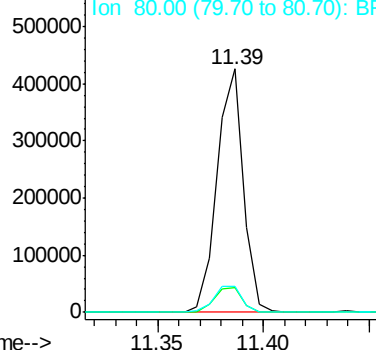
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099151.D
Acq: 6 Oct 2017 17:00

Instrument :
BNA_F
ClientSampleId :
PB102939TB

Tgt Ion:188 Resp: 368107
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 10.6 9.2 13.8

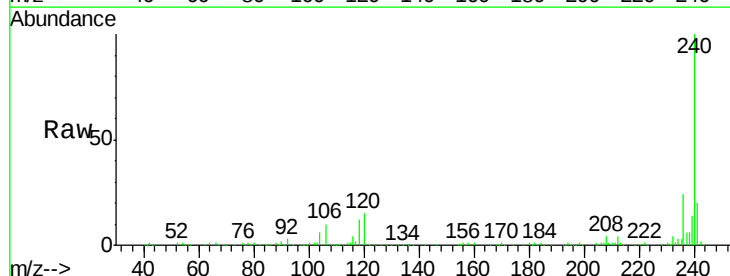


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

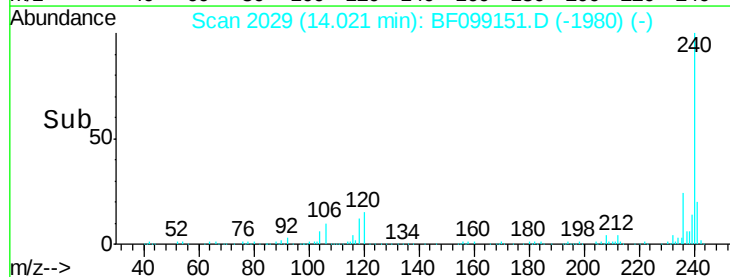
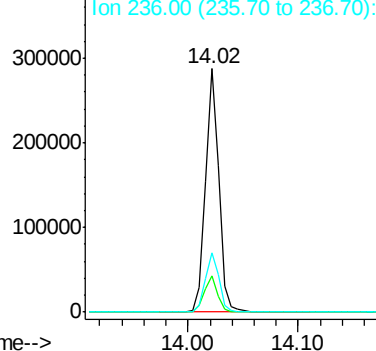


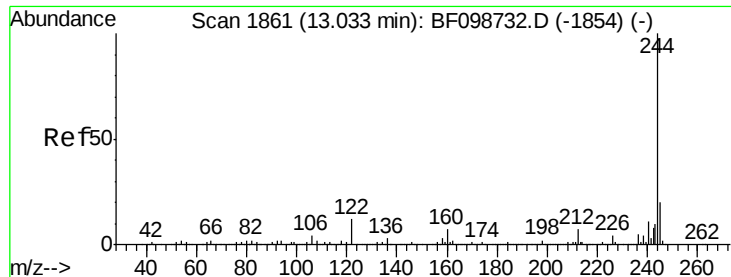
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099151.D
Acq: 6 Oct 2017 17:00

Tgt Ion:240 Resp: 245459
Ion Ratio Lower Upper
240 100
120 14.8 9.5 14.3#
236 24.4 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: 83.88 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099151.D

Acq: 6 Oct 2017 17:00

Instrument :

BNA_F

ClientSampleId :

PB102939TB

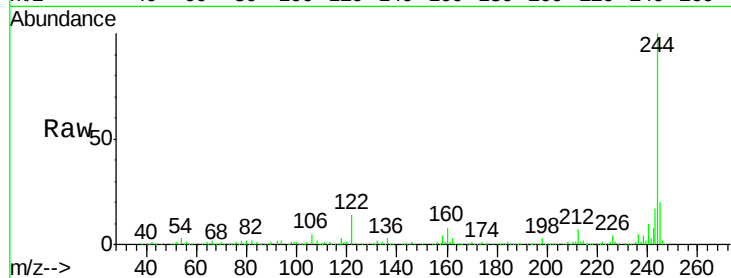
Tgt Ion:244 Resp: 905308

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

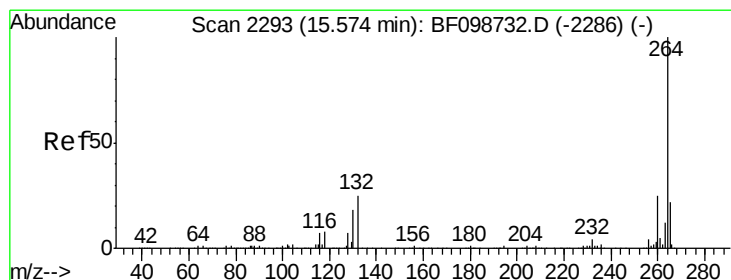
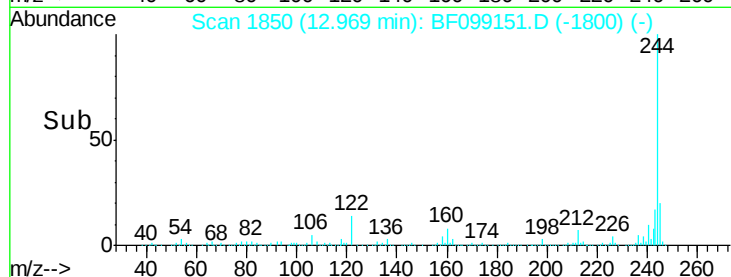
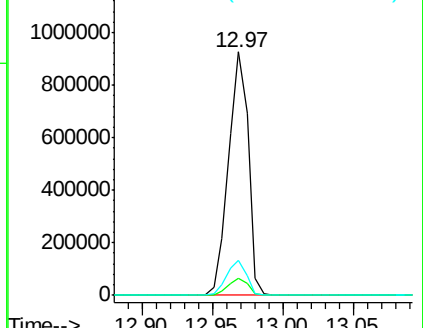
122 14.4 11.0 16.4



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: 20.00 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF099151.D

Acq: 6 Oct 2017 17:00

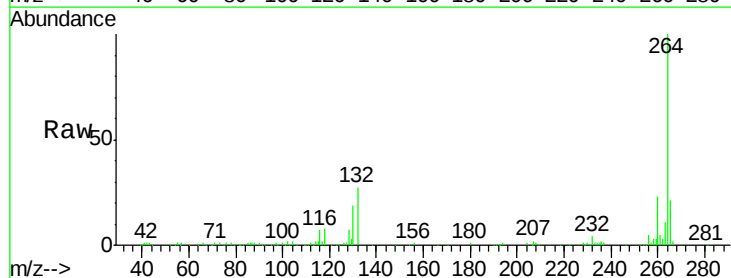
Tgt Ion:264 Resp: 187469

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.3 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

