

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100417\
 Data File : BF099071.D
 Acq On : 4 Oct 2017 17:16
 Operator : SJ/JU
 Sample : PB102901BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102901BL

Quant Time: Oct 05 04:06:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	120460	20.00	ng	-0.06
21) Naphthalene-d8	8.15	136	503270	20.00	ng	-0.06
38) Acenaphthene-d10	9.90	164	232262	20.00	ng	-0.06
63) Phenanthrene-d10	11.39	188	414756	20.00	ng	-0.06
75) Chrysene-d12	14.03	240	268737	20.00	ng	-0.06
86) Perylene-d12	15.50	264	191588	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	944523	124.82	ng	-0.05
7) Phenol-d6	6.50	99	1128855	120.93	ng	-0.05
23) Nitrobenzene-d5	7.43	82	694972	88.56	ng	-0.06
41) 2,4,6-Tribromophenol	10.69	330	250204	131.65	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	1275541	91.68	ng	-0.06
78) Terphenyl-d14	12.97	244	1123950	95.11	ng	-0.06

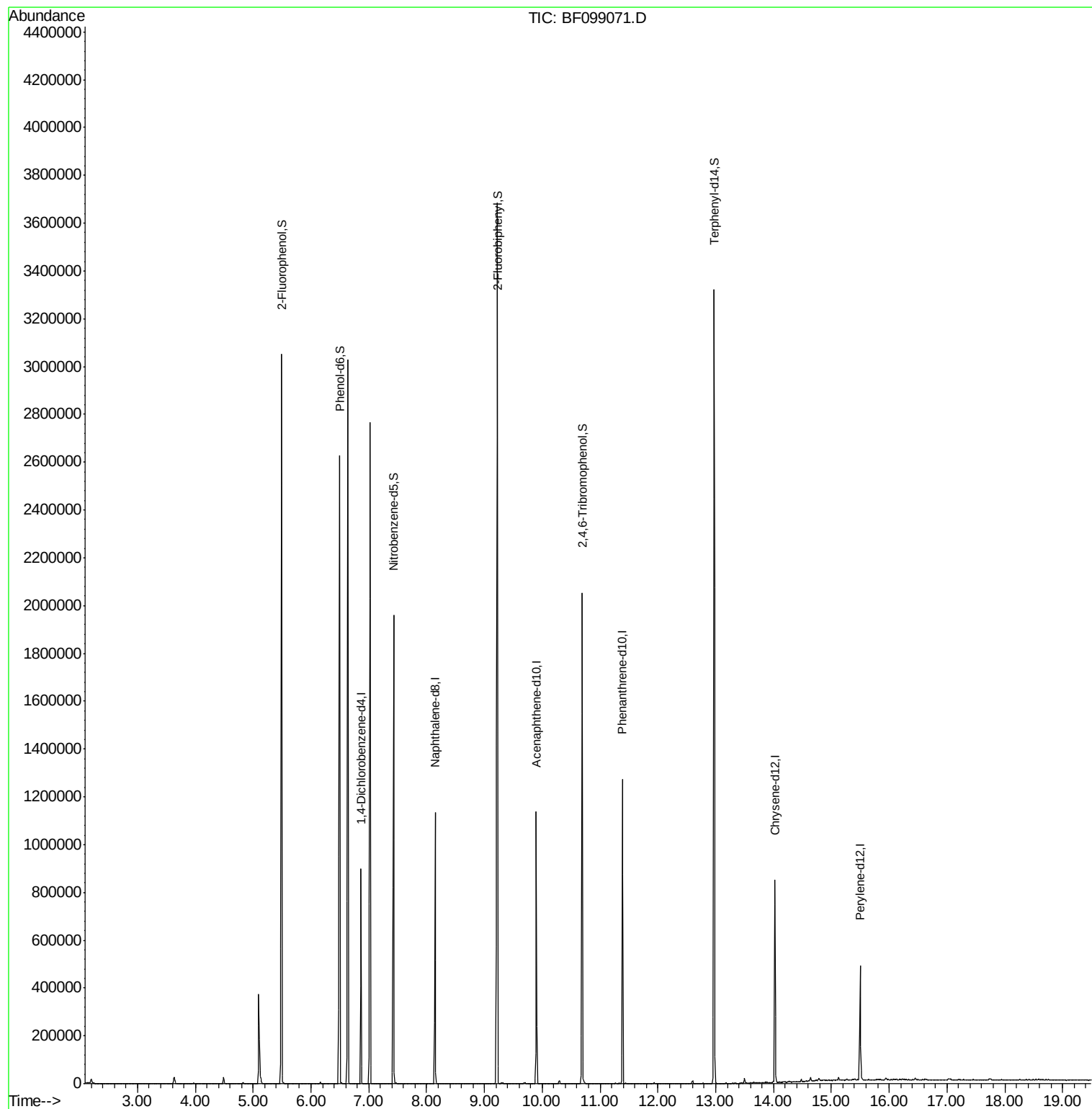
Target Compounds Qvalue

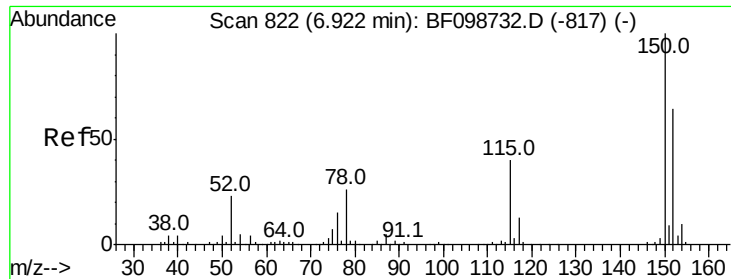
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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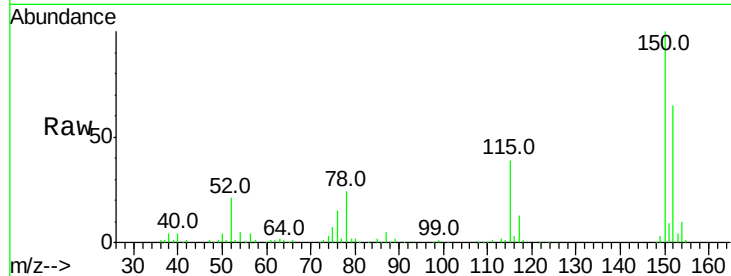


#1

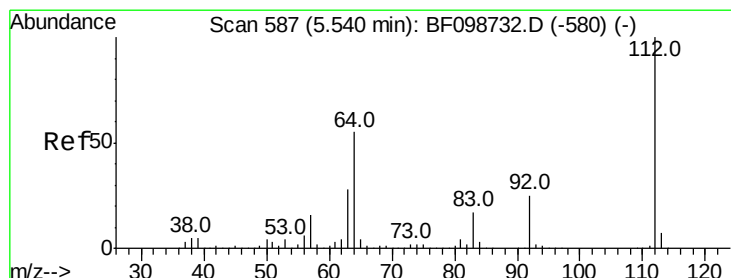
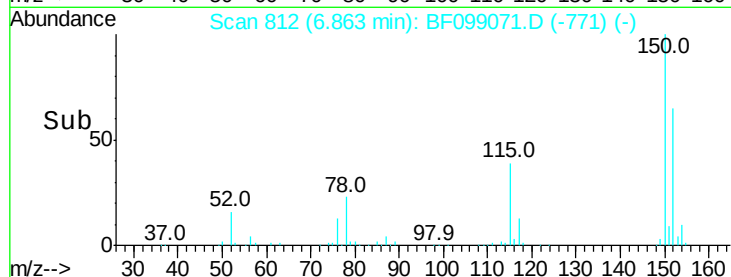
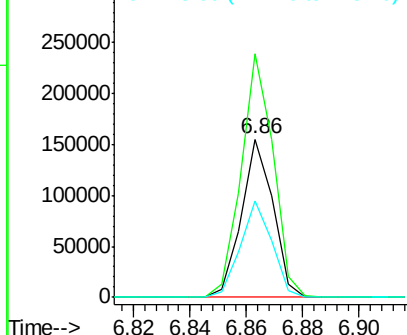
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.06 min
Lab File: BF099071.D
Acq: 4 Oct 2017 17:16

Instrument :
BNA_F
ClientSampleId :
PB102901BL

Tot Ion:152 Resp: 120460
Ion Ratio Lower Upper
152 100
150 154.2 124.6 186.8
115 60.9 50.1 75.1



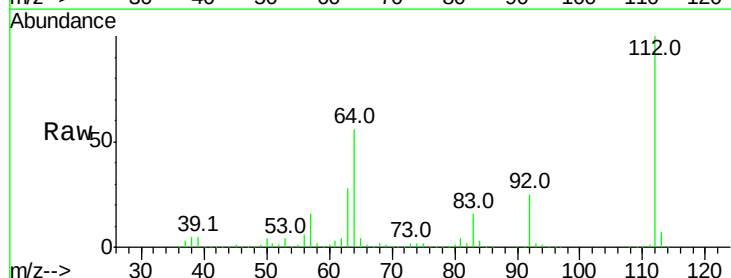
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



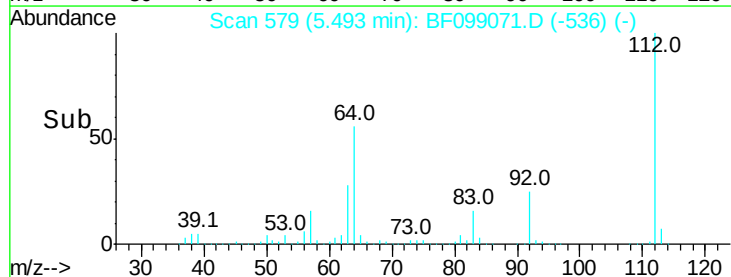
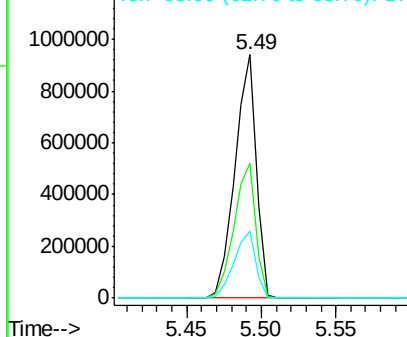
#5

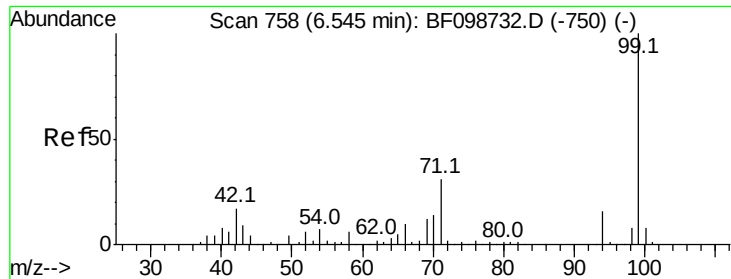
2-Fluorophenol
Concen: 124.820 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.05 min
Lab File: BF099071.D
Acq: 4 Oct 2017 17:16

Tgt Ion:112 Resp: 944523
Ion Ratio Lower Upper
112 100
64 55.6 47.9 71.9
63 27.7 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: 120.930 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.05 min

Lab File: BF099071.D

Acq: 4 Oct 2017 17:16

Instrument :

BNA_F

ClientSampleId :

PB102901BL

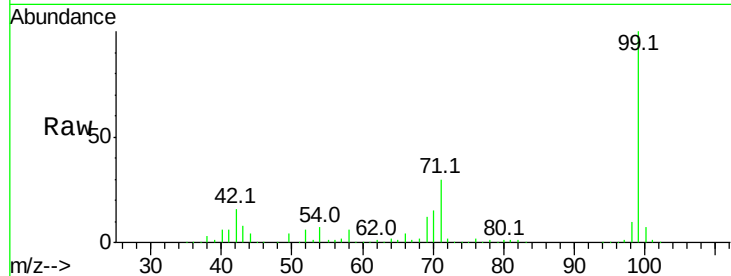
Tot Ion: 99 Resp: 1128855

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

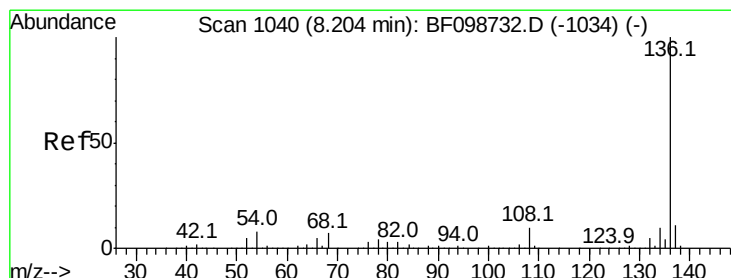
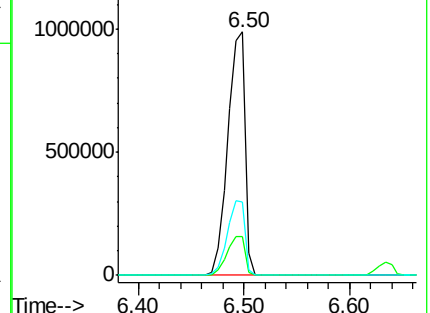
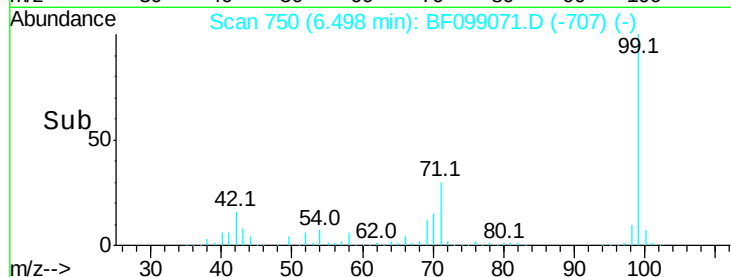
71 30.3 25.4 38.0



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. -0.06 min

Lab File: BF099071.D

Acq: 4 Oct 2017 17:16

Tgt Ion: 136 Resp: 503270

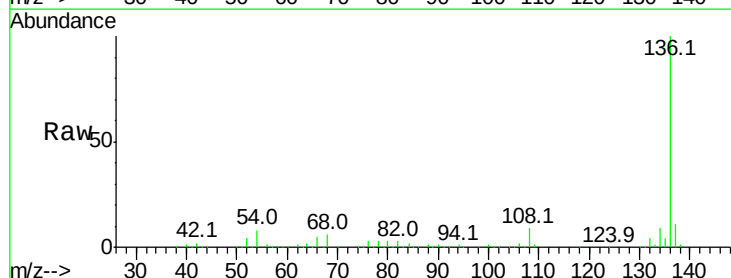
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.5 6.6 9.8

68 6.0 5.0 7.4

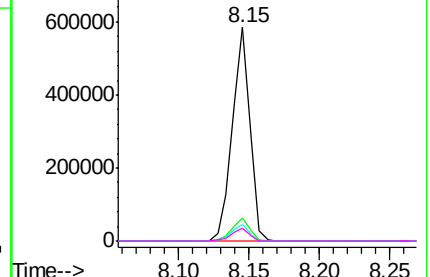
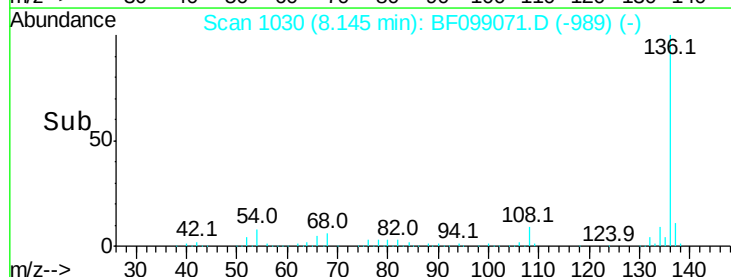


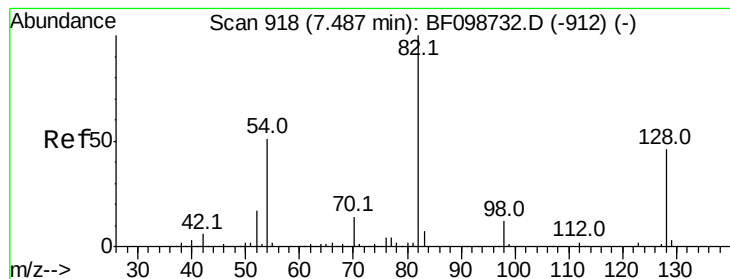
Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.558 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.06 min

Lab File: BF099071.D

Acq: 4 Oct 2017 17:16

Instrument :

BNA_F

ClientSampleId :

PB102901BL

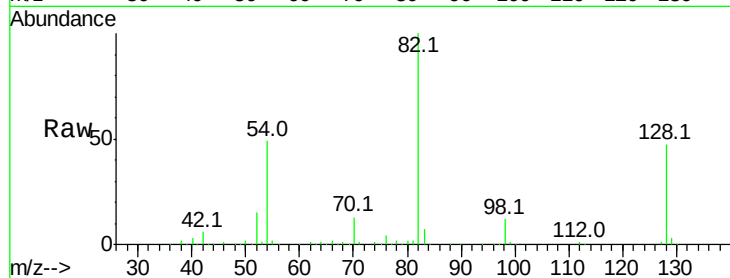
Tot Ion: 82 Resp: 694972

Ion Ratio Lower Upper

82 100

128 46.6 36.1 54.1

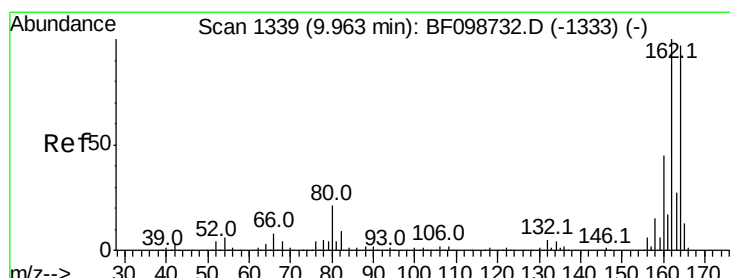
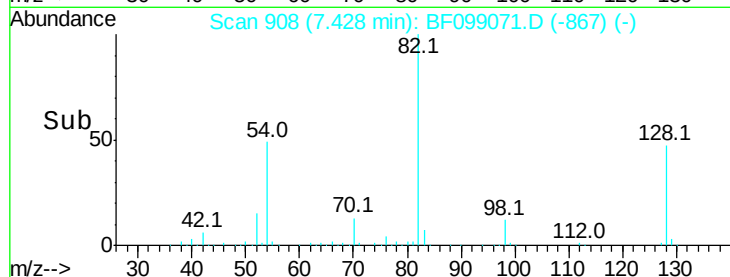
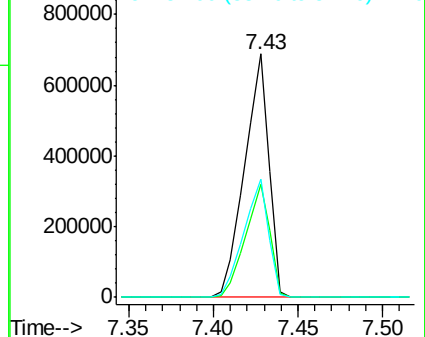
54 48.7 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.06 min

Lab File: BF099071.D

Acq: 4 Oct 2017 17:16

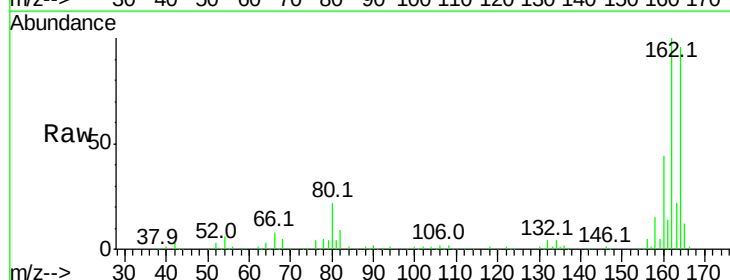
Tgt Ion: 164 Resp: 232262

Ion Ratio Lower Upper

164 100

162 103.9 86.1 129.1

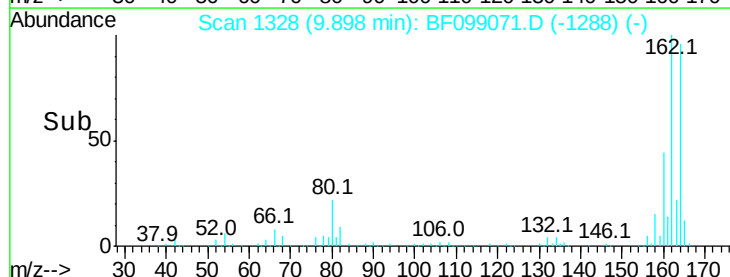
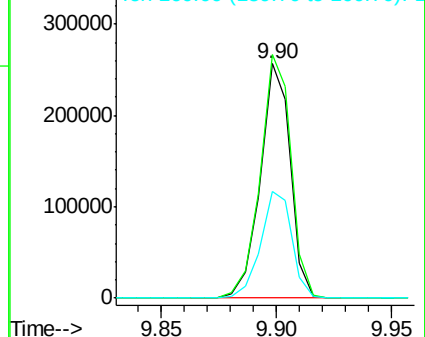
160 45.6 38.3 57.5

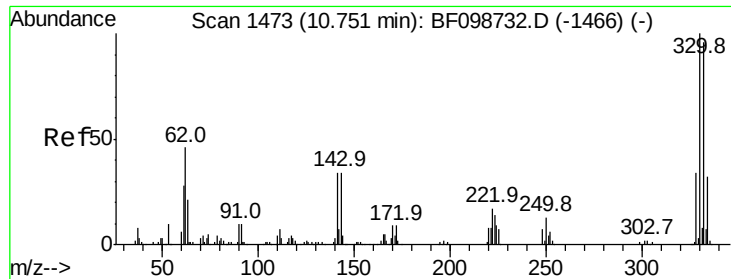


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 131.649 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.06 min

Lab File: BF099071.D

Acq: 4 Oct 2017 17:16

Instrument :

BNA_F

ClientSampleId :

PB102901BL

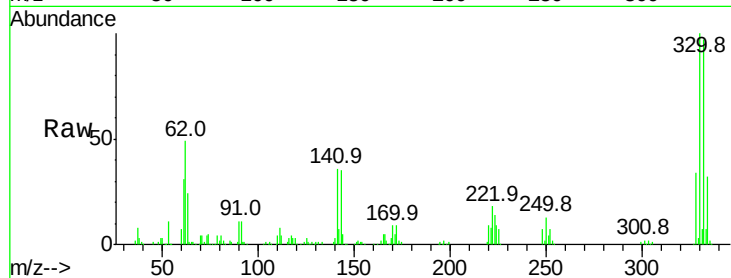
Tot Ion:330 Resp: 250204

Ion Ratio Lower Upper

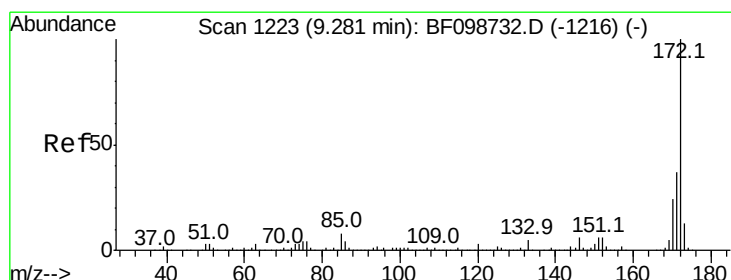
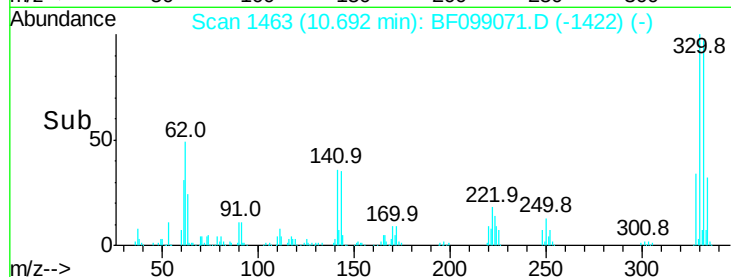
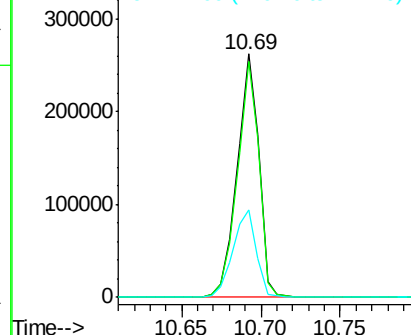
330 100

332 96.4 77.0 115.6

141 38.6 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: 91.681 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.06 min

Lab File: BF099071.D

Acq: 4 Oct 2017 17:16

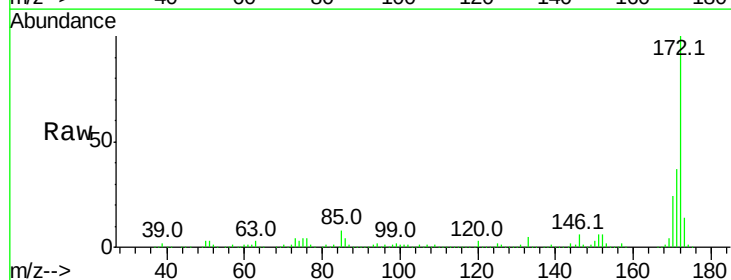
Tgt Ion:172 Resp: 1275541

Ion Ratio Lower Upper

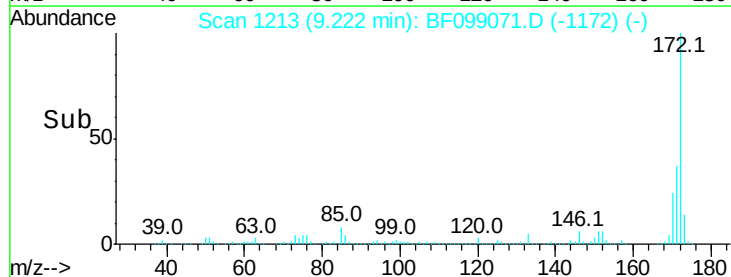
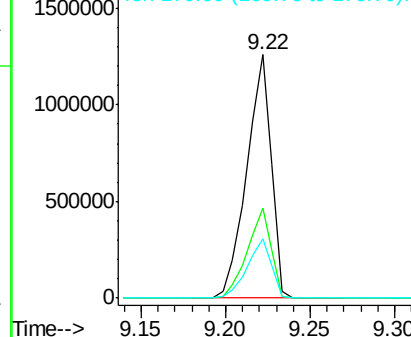
172 100

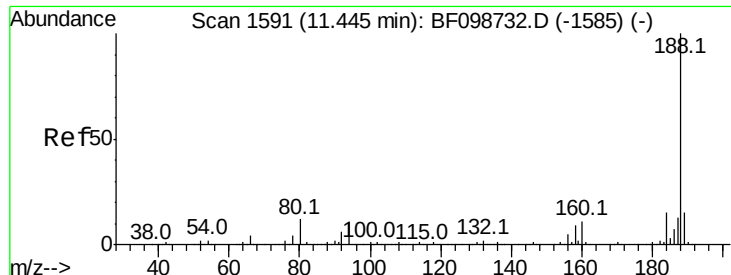
171 36.8 29.7 44.5

170 24.5 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

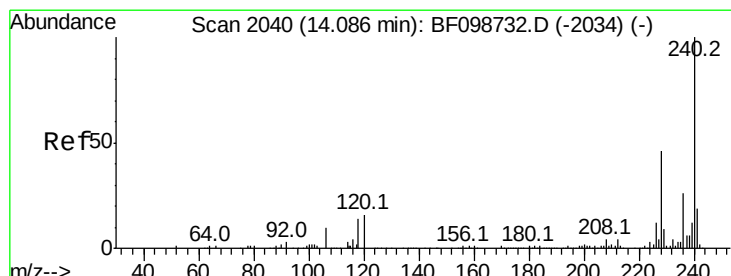
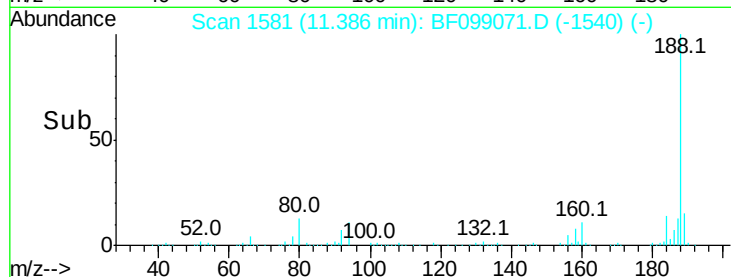
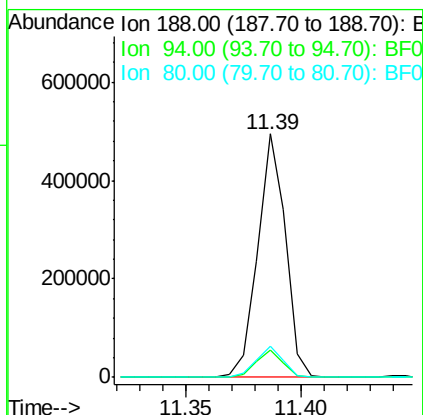
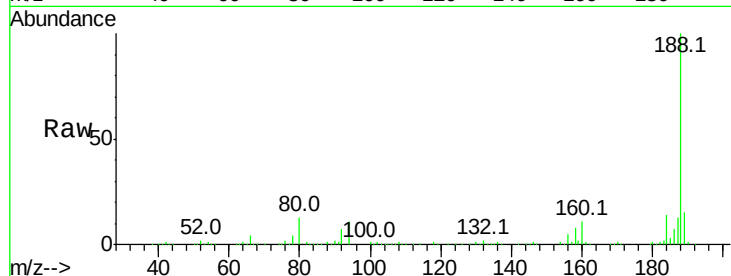




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.06 min
Lab File: BF099071.D
Acq: 4 Oct 2017 17:16

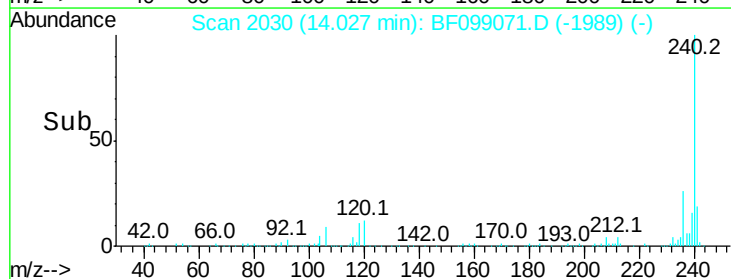
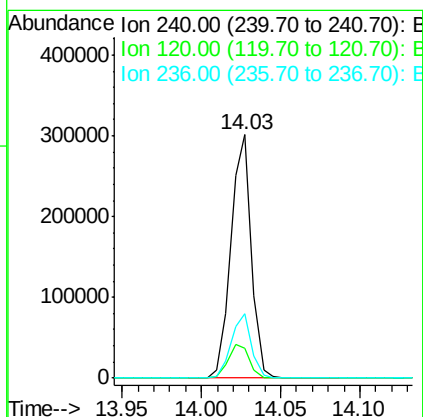
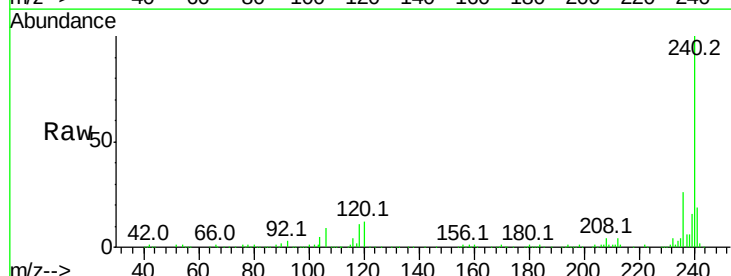
Instrument :
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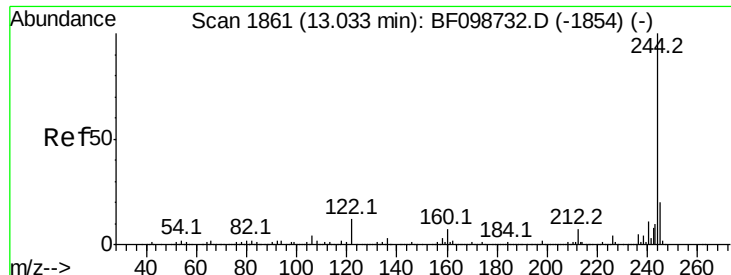
Tot Ion:188 Resp: 414756
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.7 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.06 min
Lab File: BF099071.D
Acq: 4 Oct 2017 17:16

Tgt Ion:240 Resp: 268737
Ion Ratio Lower Upper
240 100
120 12.5 9.5 14.3
236 26.2 20.7 31.1



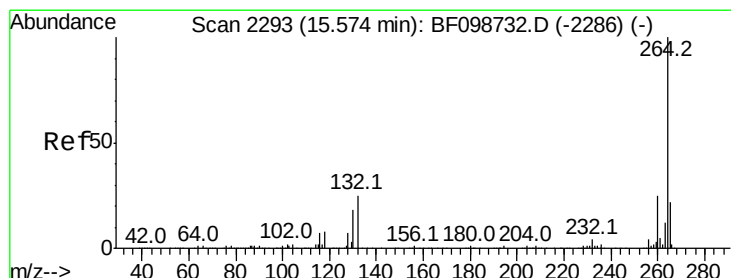
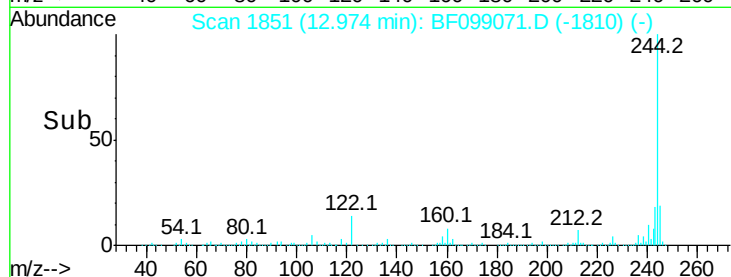
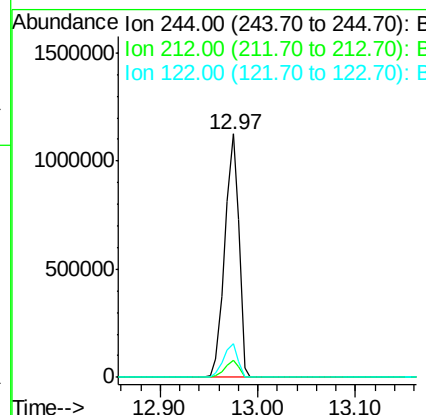
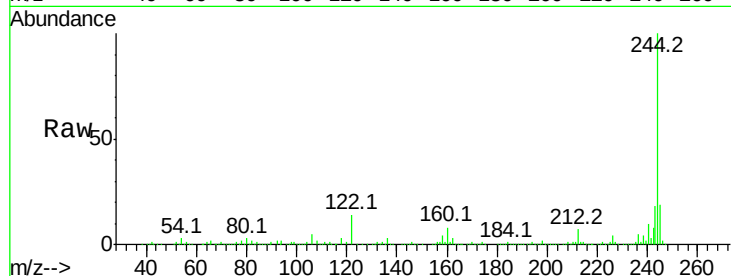


#78
 Terphenyl-d14
 Concen: 95.115 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.06 min
 Lab File: BF099071.D
 Acq: 4 Oct 2017 17:16

Instrument :
 BNA_F
 ClientSampleId :
 PB102901BL

Tot Ion:244 Resp: 1123950

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.9	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.08 min
 Lab File: BF099071.D
 Acq: 4 Oct 2017 17:16

Tgt Ion:264 Resp: 191588

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	20.8	17.5	26.3

