

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120617\
 Data File : BF101190.D
 Acq On : 7 Dec 2017 2:18
 Operator : SJ/JU
 Sample : I6656-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BART-4-E(7-8)

Quant Time: Dec 07 05:26:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

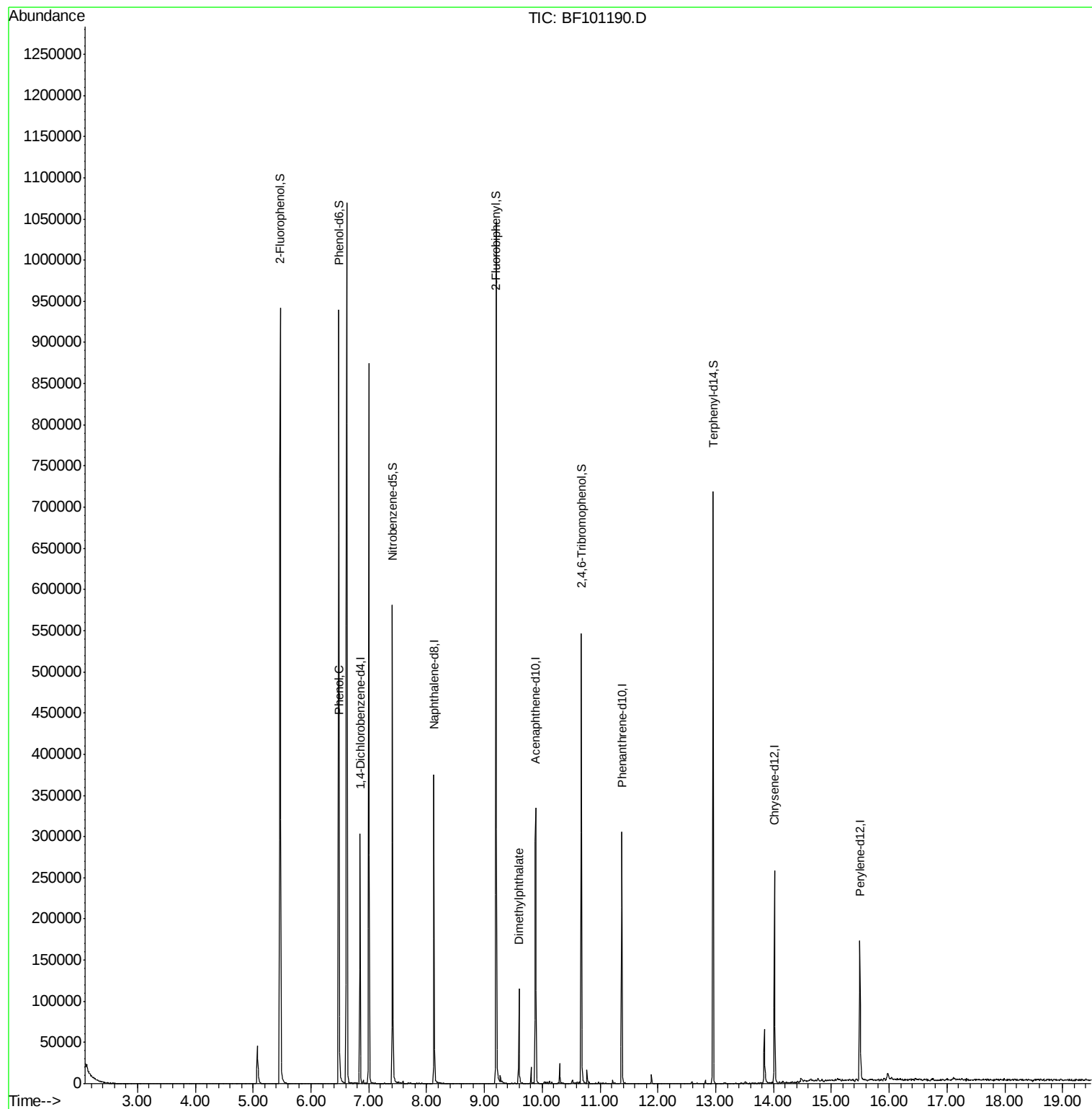
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	43067	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	161966	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	69316	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	110332	20.00	ng	0.00
75) Chrysene-d12	14.02	240	95797	20.00	ng	0.00
86) Perylene-d12	15.49	264	90503	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	259555	99.59	ng	0.00
7) Phenol-d6	6.48	99	307370	97.14	ng	0.00
23) Nitrobenzene-d5	7.41	82	196366	72.32	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	67706	81.31	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	331633	65.46	ng	0.00
78) Terphenyl-d14	12.96	244	234074	53.44	ng	0.00
Target Compounds						
10) Phenol	6.49	94	9812	2.789	ng	95
49) Dimethylphthalate	9.60	163	51920	9.288	ng	# 98

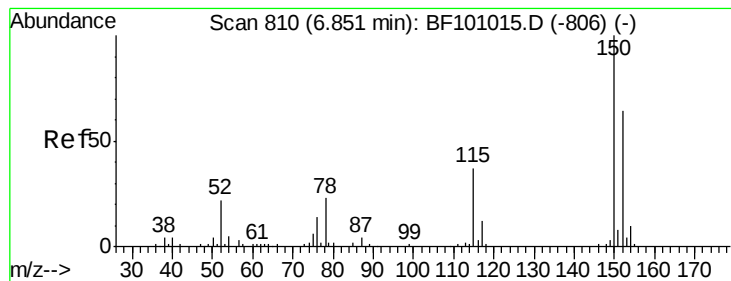
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF101190.D

Acq: 7 Dec 2017 2:18

Instrument :

BNA_F

ClientSampled :

BART-4-E(7-8)

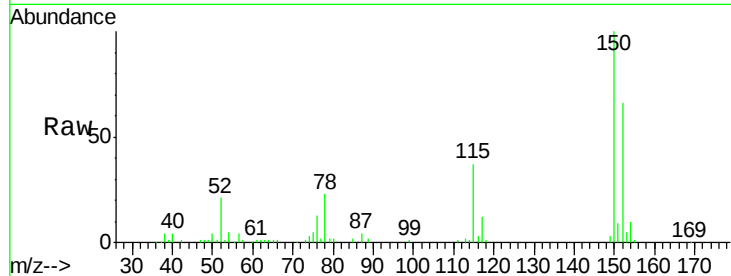
Tot Ion:152 Resp: 43067

Ion Ratio Lower Upper

152 100

150 152.0 124.6 186.8

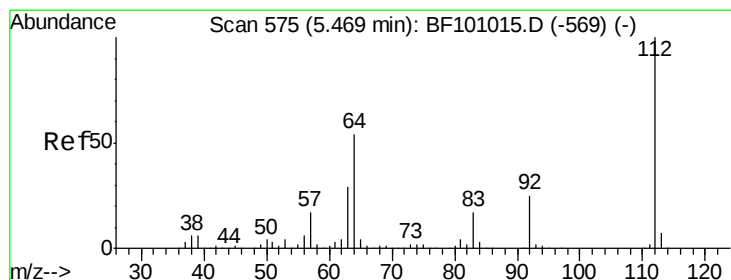
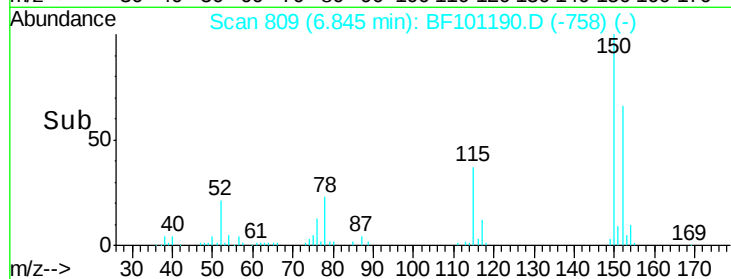
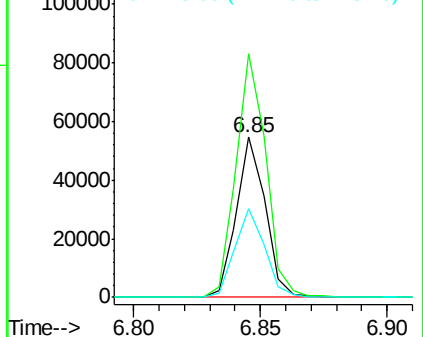
115 55.6 50.1 75.1



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: 99.589 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF101190.D

Acq: 7 Dec 2017 2:18

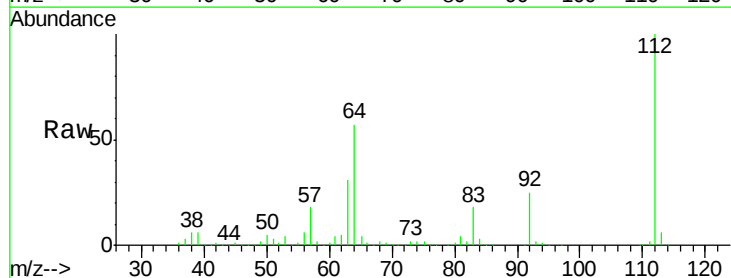
Tgt Ion:112 Resp: 259555

Ion Ratio Lower Upper

112 100

64 57.4 47.9 71.9

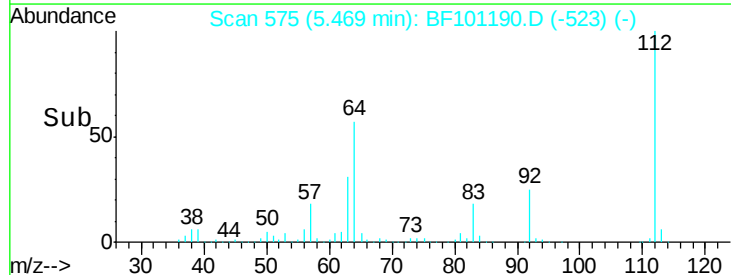
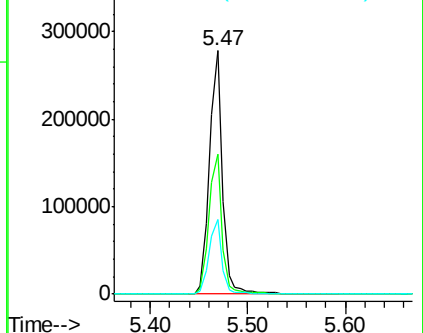
63 30.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 97.138 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101190.D

Acq: 7 Dec 2017 2:18

Instrument :

BNA_F

ClientSampleId :

BART-4-E(7-8)

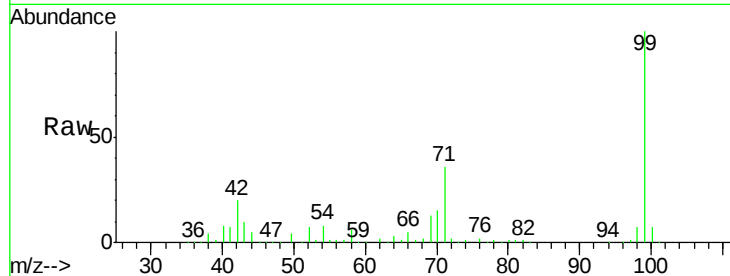
Tot Ion: 99 Resp: 307370

Ion Ratio Lower Upper

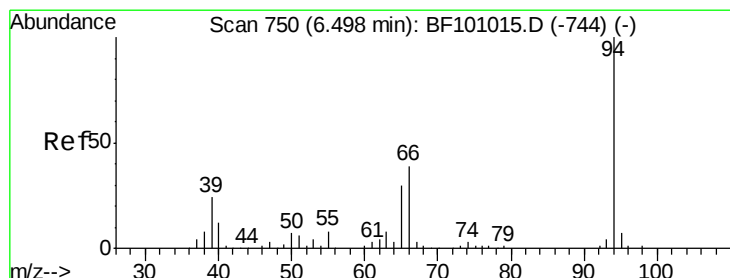
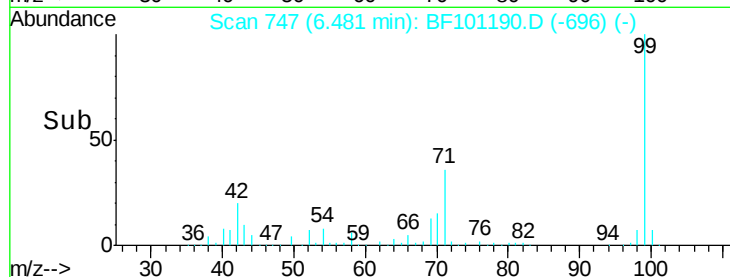
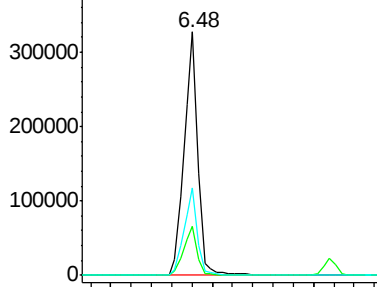
99 100

42 20.0 14.5 21.7

71 35.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.789 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF101190.D

Acq: 7 Dec 2017 2:18

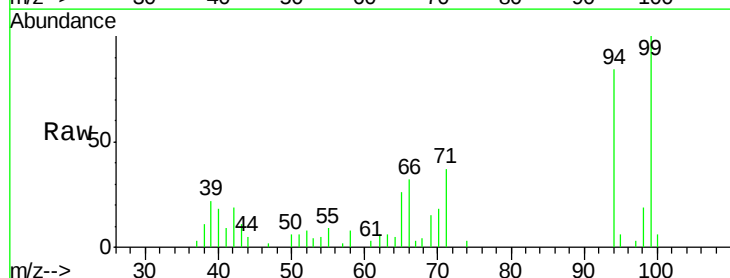
Tgt Ion: 94 Resp: 9812

Ion Ratio Lower Upper

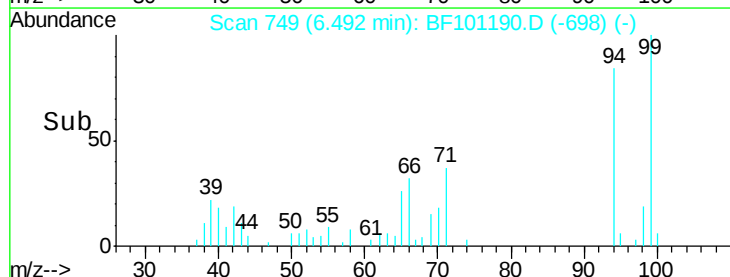
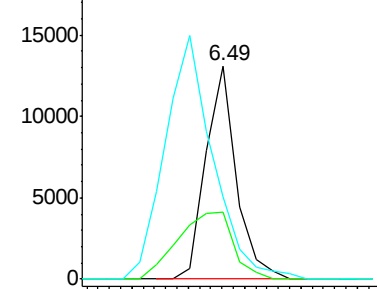
94 100

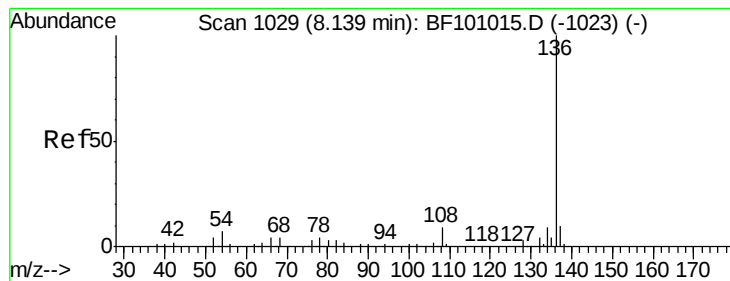
65 31.4 7.9 47.9

66 38.5 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF101190.D

Acq: 7 Dec 2017 2:18

Instrument :

BNA_F

ClientSampleId :

BART-4-E(7-8)

Tot Ion:136 Resp: 161966

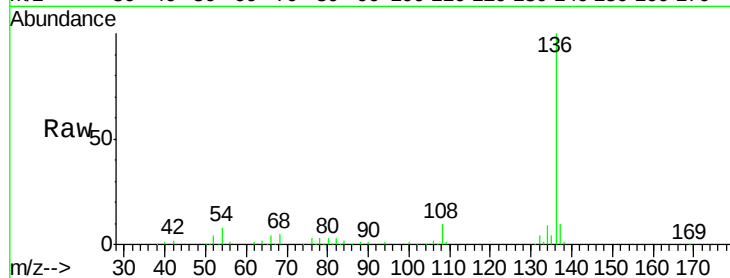
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 7.6 6.6 9.8

68 5.2 5.0 7.4

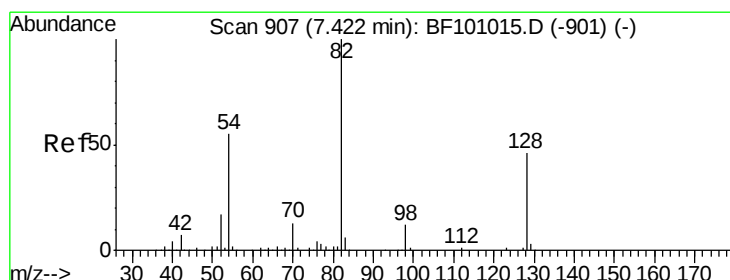
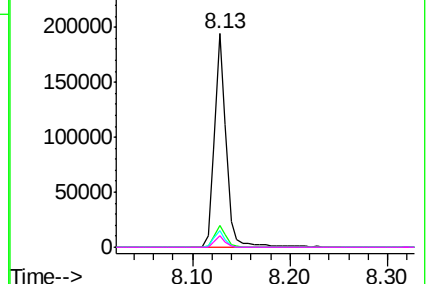
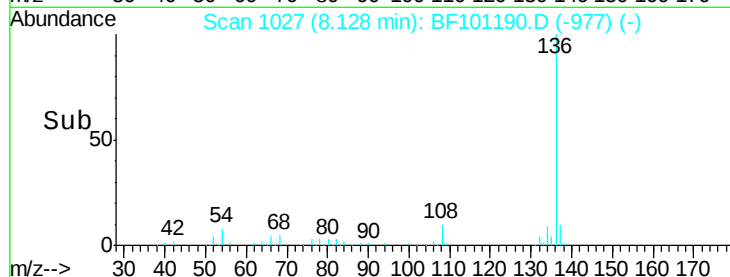


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 72.323 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF101190.D

Acq: 7 Dec 2017 2:18

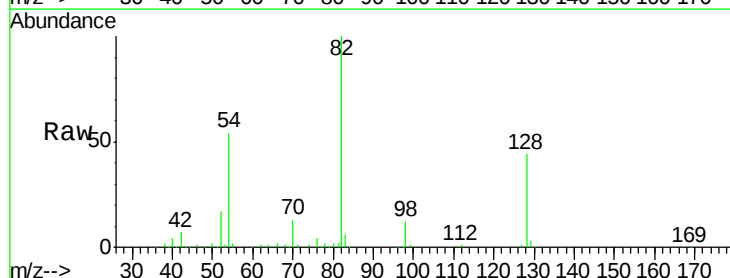
Tgt Ion: 82 Resp: 196366

Ion Ratio Lower Upper

82 100

128 44.5 36.1 54.1

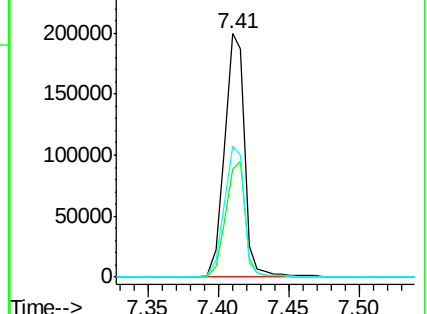
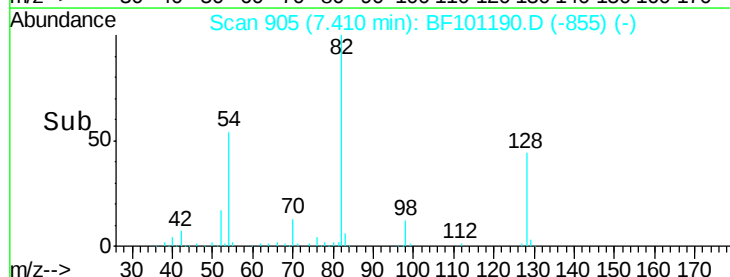
54 53.6 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF101190.D

Acq: 7 Dec 2017 2:18

Instrument :

BNA_F

ClientSampleId :

BART-4-E(7-8)

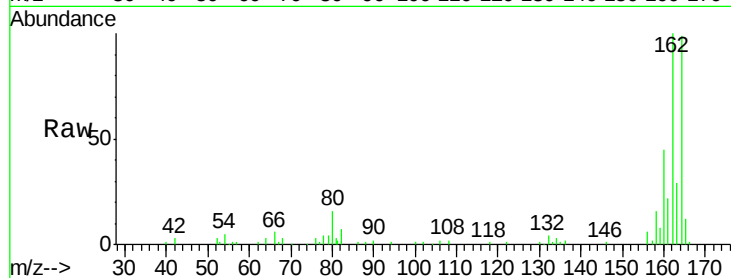
Tot Ion:164 Resp: 69316

Ion Ratio Lower Upper

164 100

162 100.7 86.1 129.1

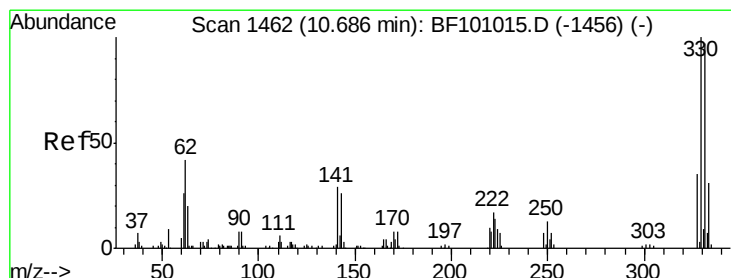
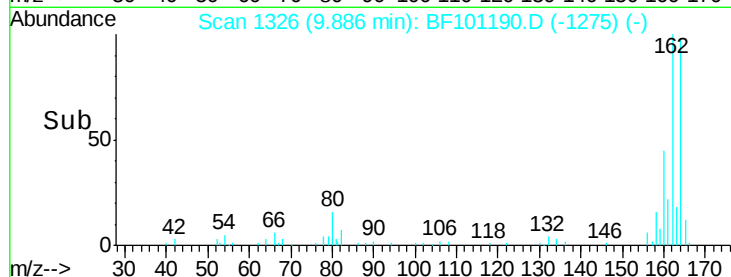
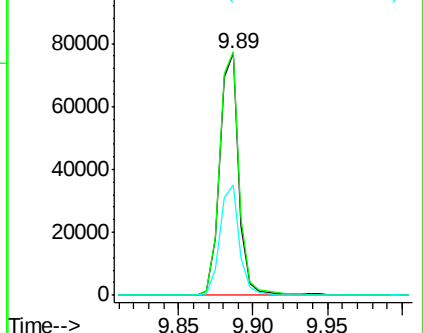
160 45.8 38.3 57.5



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: 81.311 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF101190.D

Acq: 7 Dec 2017 2:18

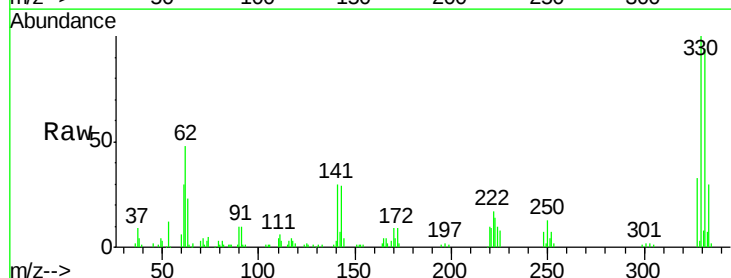
Tgt Ion:330 Resp: 67706

Ion Ratio Lower Upper

330 100

332 94.4 77.0 115.6

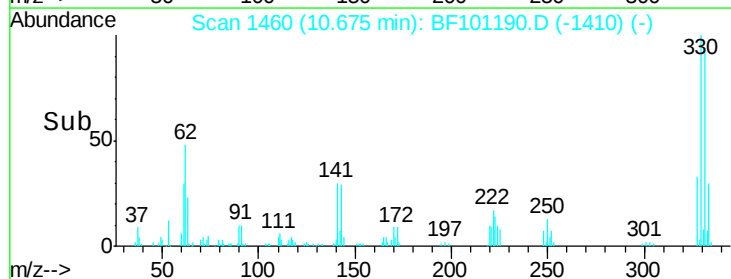
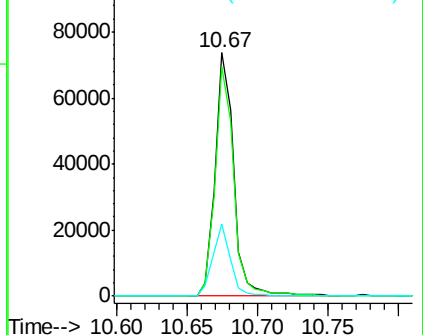
141 28.0 29.9 44.9#



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

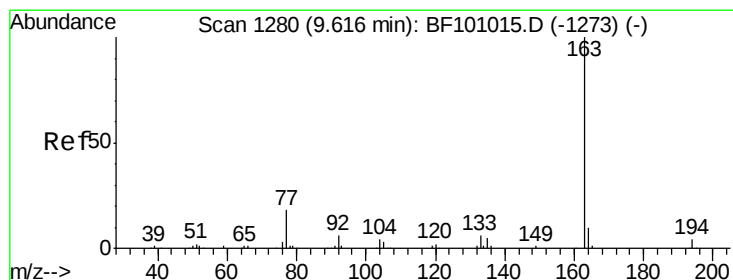
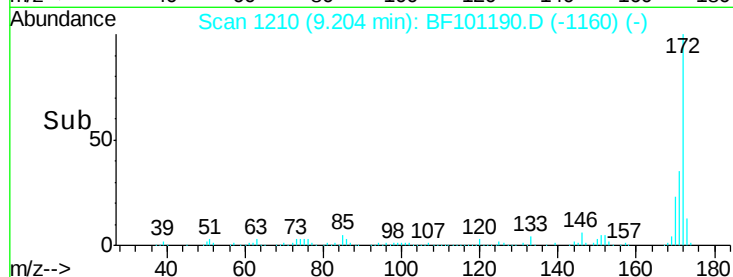
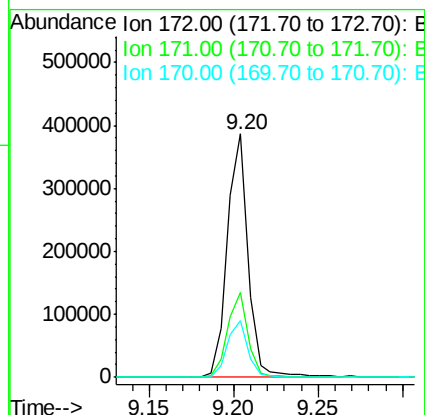
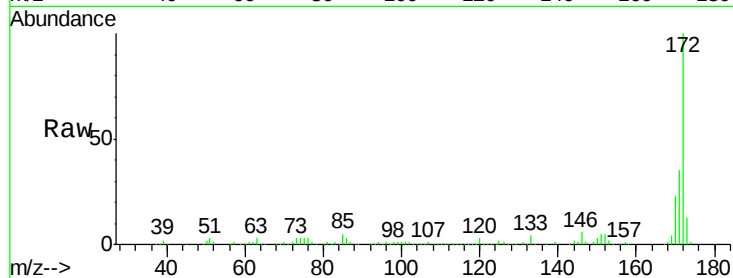




#44
2-Fluorobiphenyl
Concen: 65.460 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101190.D
Acq: 7 Dec 2017 2:18

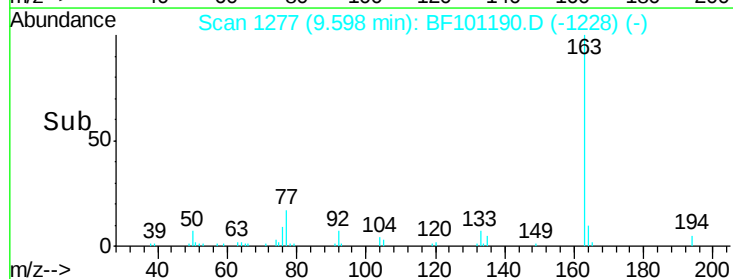
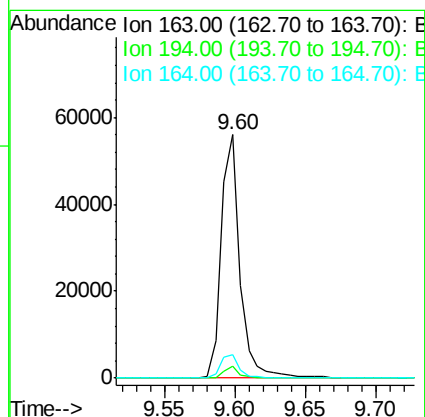
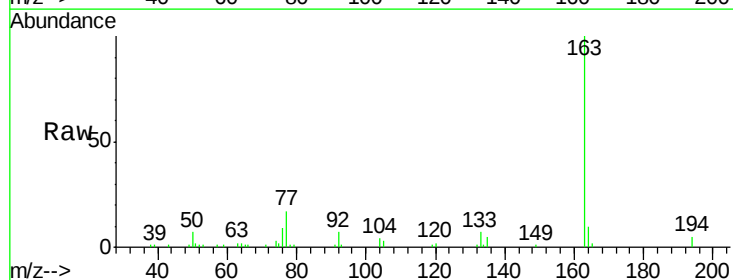
Instrument :
BNA_F
ClientSampleId :
BART-4-E(7-8)

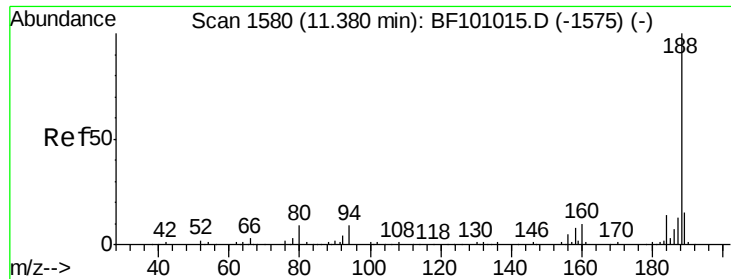
Tot Ion:172 Resp: 331633
Ion Ratio Lower Upper
172 100
171 34.7 29.7 44.5
170 23.1 19.6 29.4



#49
Dimethylphthalate
Concen: 9.288 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101190.D
Acq: 7 Dec 2017 2:18

Tgt Ion:163 Resp: 51920
Ion Ratio Lower Upper
163 100
194 4.9 2.7 4.1#
164 9.9 8.2 12.2

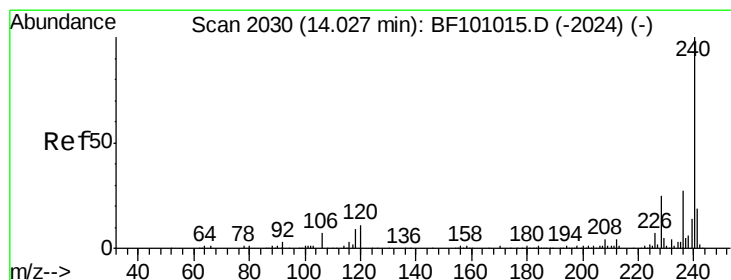
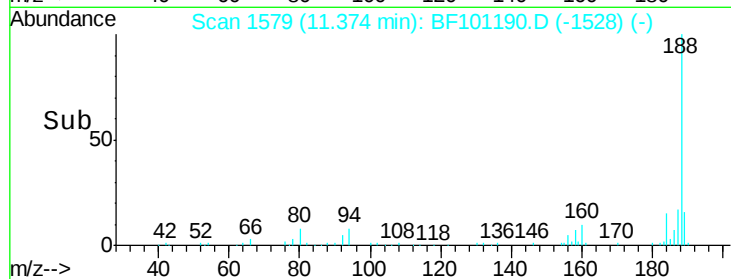
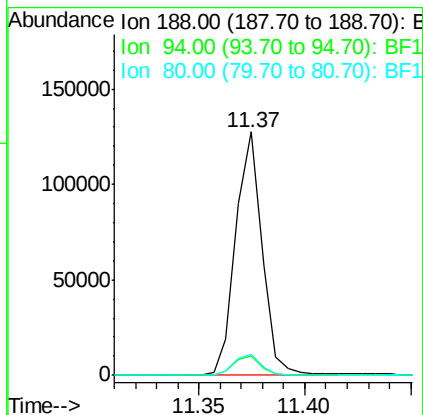
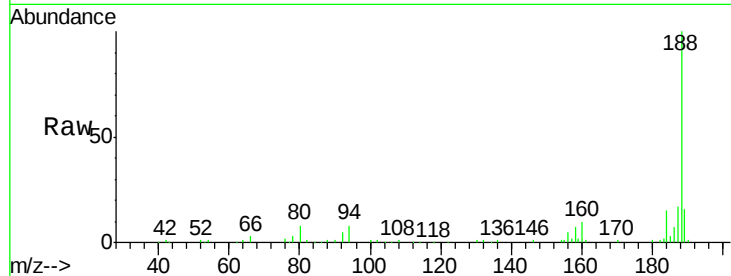




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101190.D
Acq: 7 Dec 2017 2:18

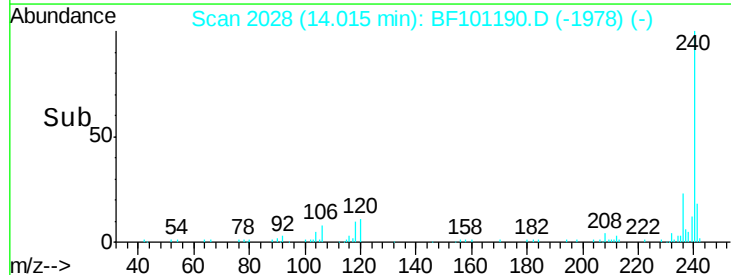
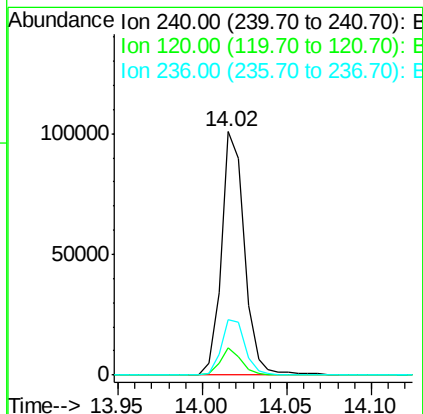
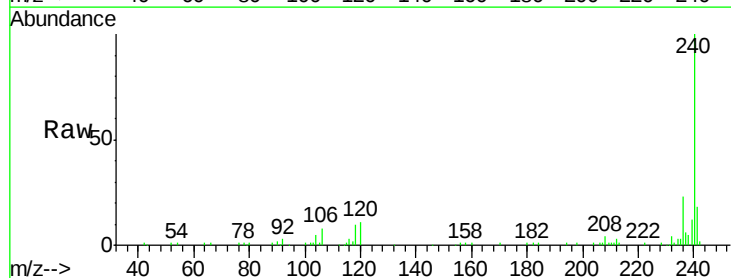
Instrument :
BNA_F
ClientSampleId :
BART-4-E(7-8)

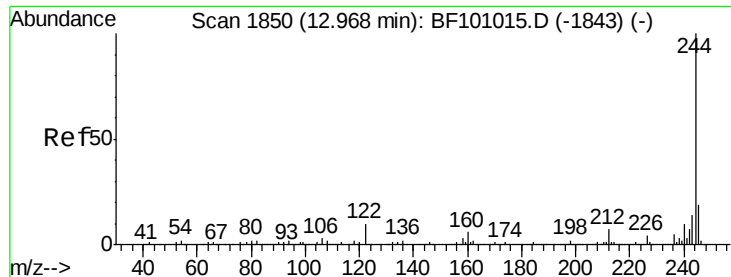
Tot Ion:188 Resp: 110332
Ion Ratio Lower Upper
188 100
94 7.9 8.5 12.7#
80 8.4 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101190.D
Acq: 7 Dec 2017 2:18

Tgt Ion:240 Resp: 95797
Ion Ratio Lower Upper
240 100
120 11.1 9.5 14.3
236 23.0 20.7 31.1





#78

Terphenyl-d14

Concen: 53.444 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF101190.D

Acq: 7 Dec 2017 2:18

Instrument :

BNA_F

ClientSampleId :

BART-4-E(7-8)

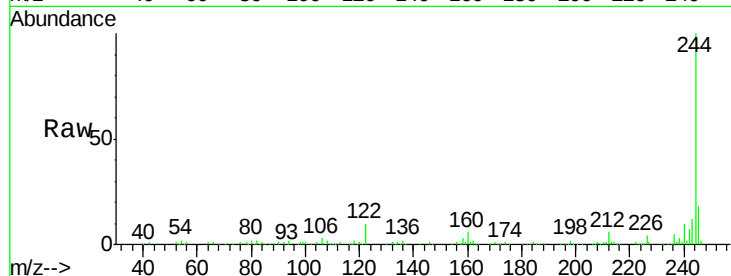
Tot Ion:244 Resp: 234074

Ion Ratio Lower Upper

244 100

212 6.1 5.4 8.0

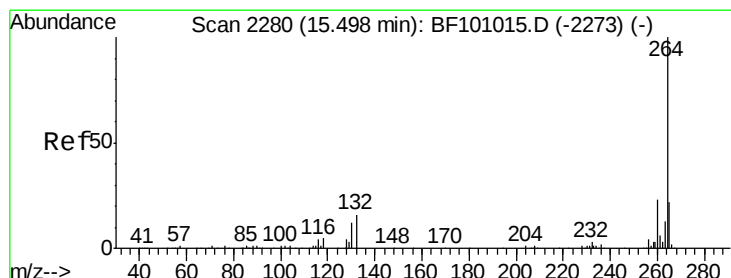
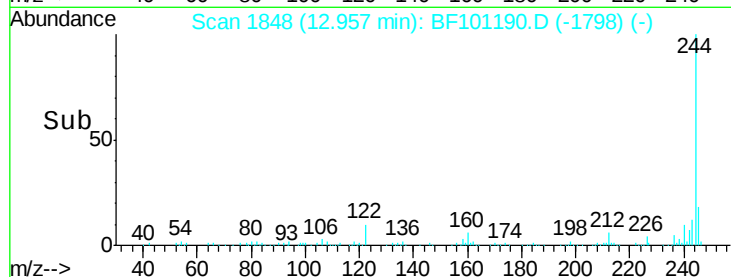
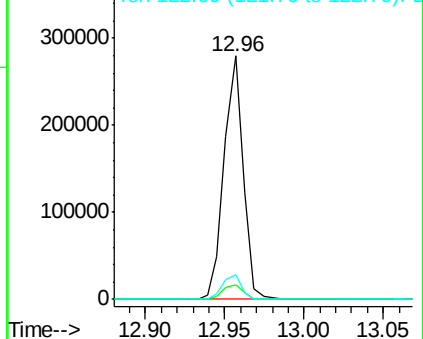
122 10.1 11.0 16.4#



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: 15.49 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BF101190.D

Acq: 7 Dec 2017 2:18

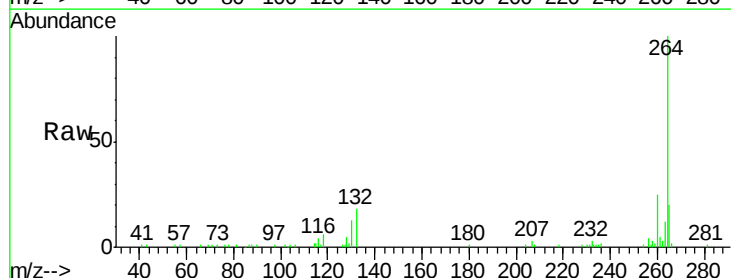
Tgt Ion:264 Resp: 90503

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 20.2 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

