

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030918\
 Data File : BF103566.D
 Acq On : 9 Mar 2018 19:20
 Operator : SJ/JU
 Sample : J1821-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-1-3-20180204

Quant Time: Mar 09 23:16:23 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

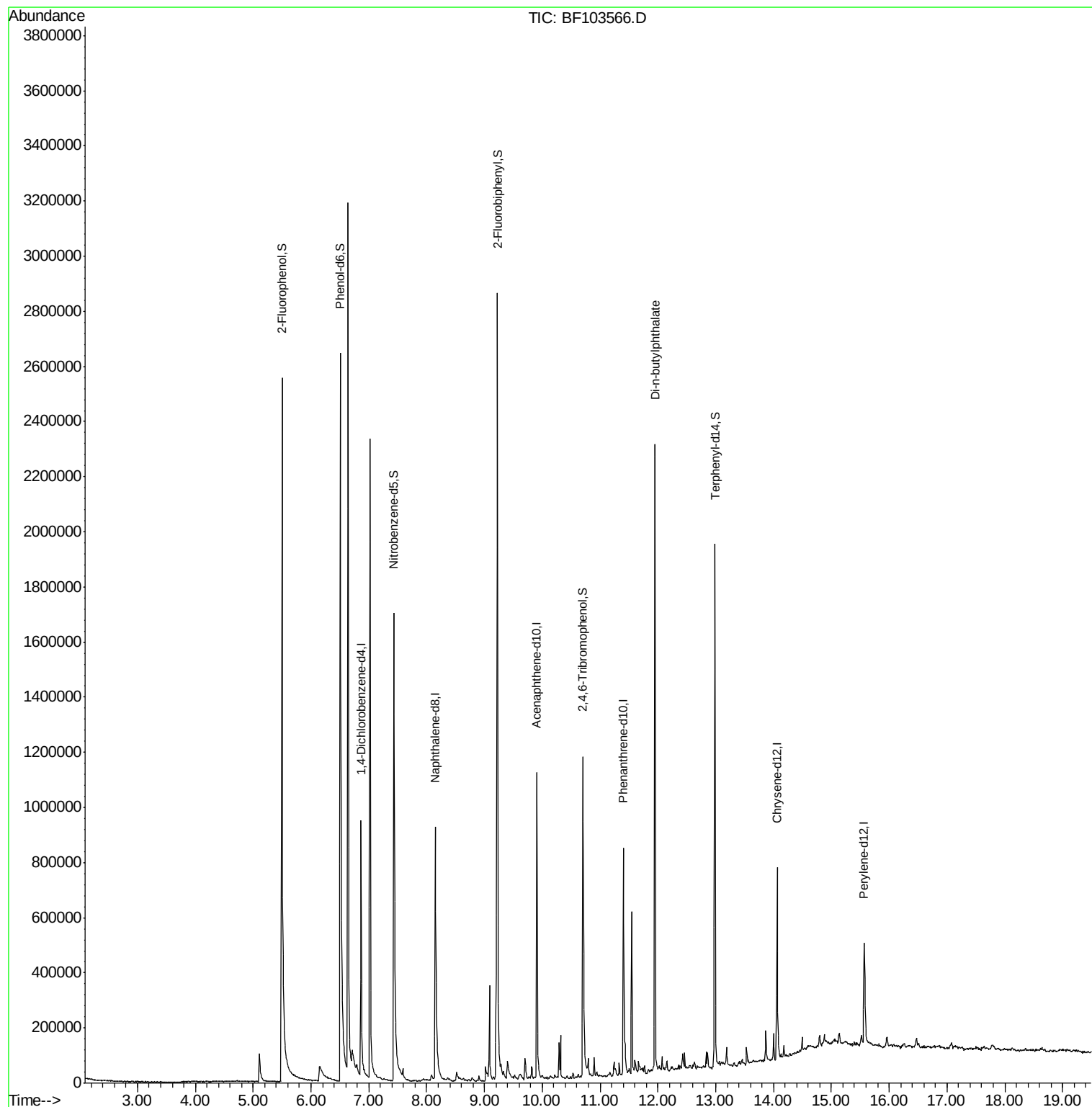
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	162624	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	679337	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	261816	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	361877	20.00	ng	0.00
75) Chrysene-d12	14.06	240	264232	20.00	ng	0.00
86) Perylene-d12	15.57	264	217208	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1084445	100.86	ng	0.01
7) Phenol-d6	6.51	99	1329556	101.05	ng	0.00
23) Nitrobenzene-d5	7.43	82	822705	69.16	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	152484	68.81	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1015173	62.66	ng	0.00
78) Terphenyl-d14	12.99	244	632584	57.55	ng	0.00
Target Compounds						Qvalue
73) Di-n-butylphthalate	11.95	149	1283957	50.456	ng	98

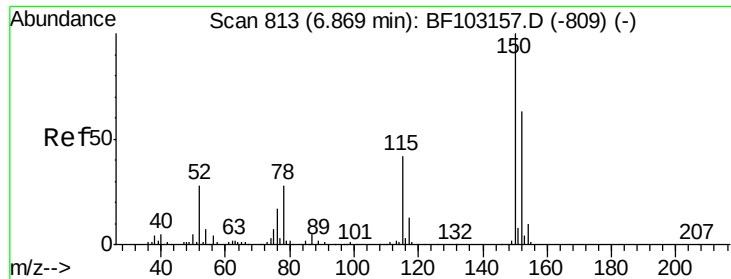
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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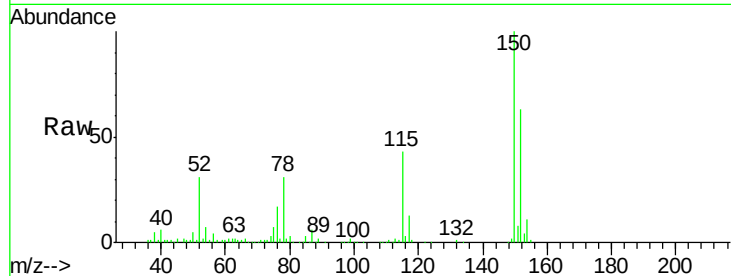


#1

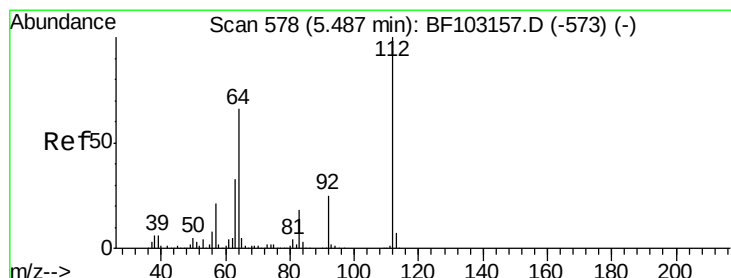
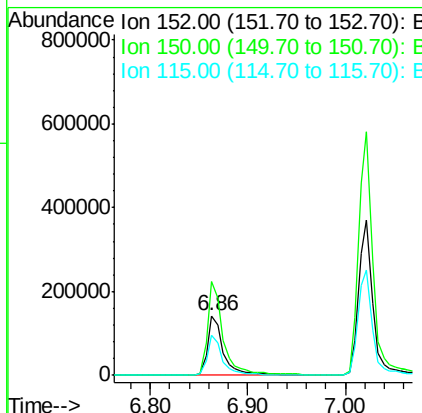
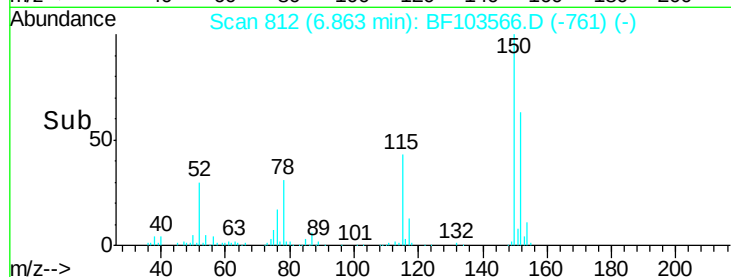
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103566.D
Acq: 9 Mar 2018 19:20

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1-3-20180204

Tot Ion:152 Resp: 162624
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 67.8 50.1 75.1



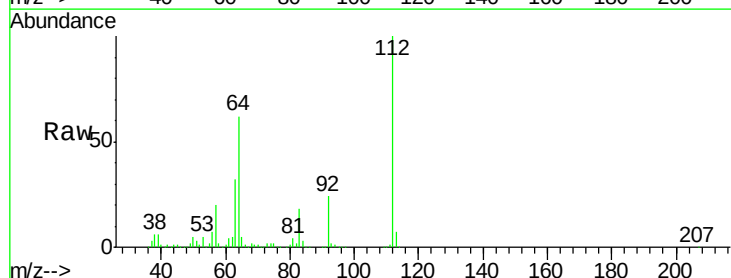
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



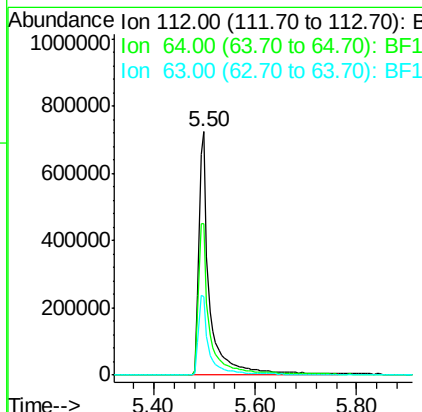
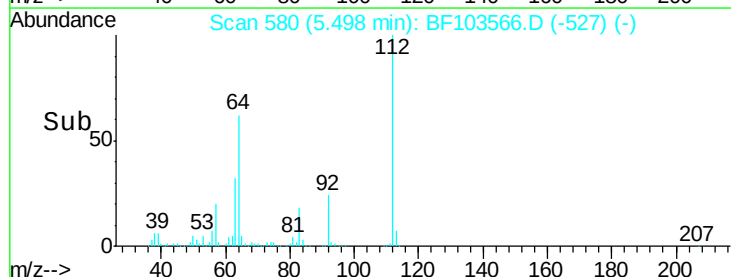
#5

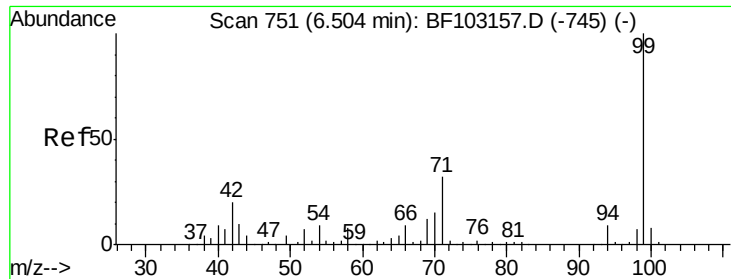
2-Fluorophenol
Concen: 100.855 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103566.D
Acq: 9 Mar 2018 19:20

Tgt Ion:112 Resp: 1084445
Ion Ratio Lower Upper
112 100
64 62.1 47.9 71.9
63 32.4 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: 101.051 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103566.D

Acq: 9 Mar 2018 19:20

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-1-3-20180204

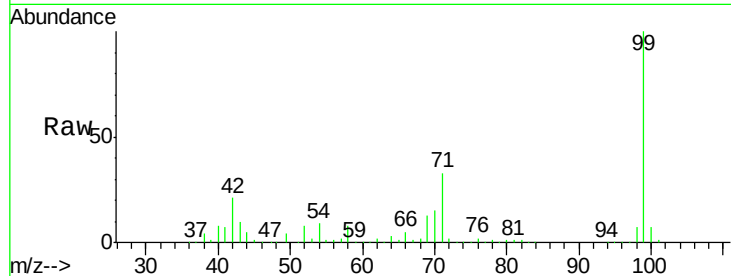
Tot Ion: 99 Resp: 1329556

Ion Ratio Lower Upper

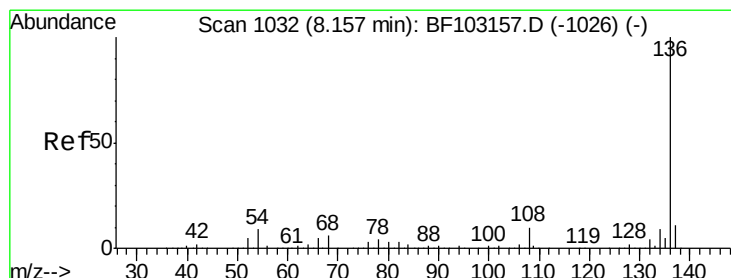
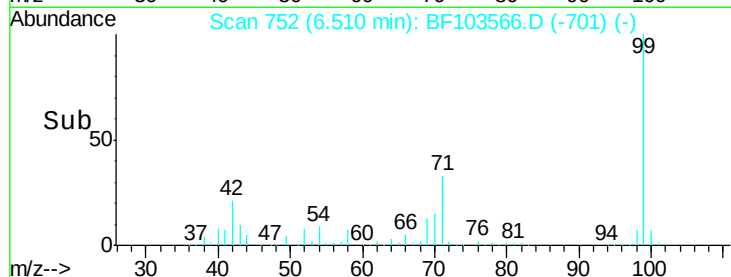
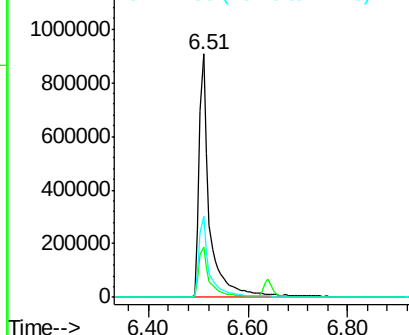
99 100

42 20.9 14.5 21.7

71 33.1 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF103566.D

Acq: 9 Mar 2018 19:20

Tgt Ion: 136 Resp: 679337

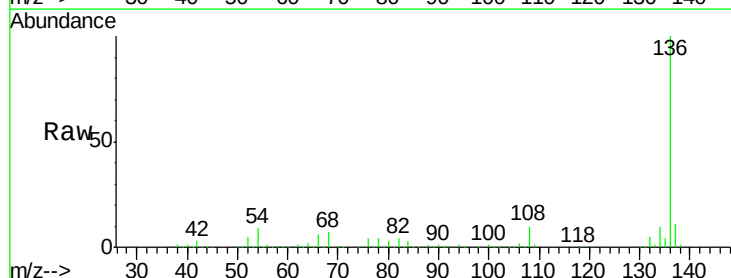
Ion Ratio Lower Upper

136 100

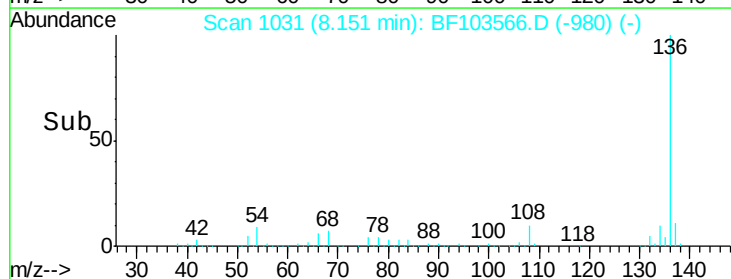
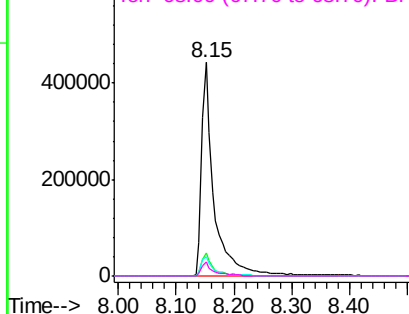
137 10.9 8.9 13.3

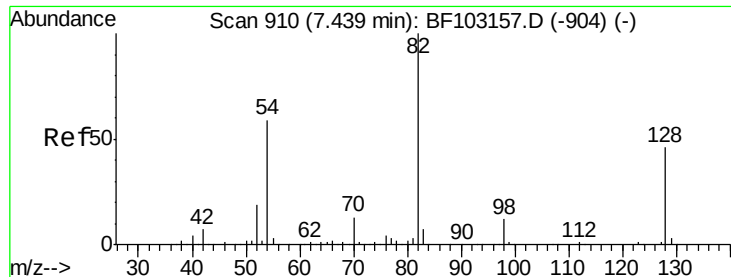
54 9.0 6.6 9.8

68 6.5 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

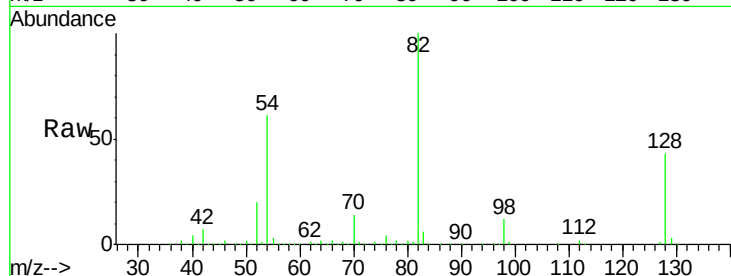




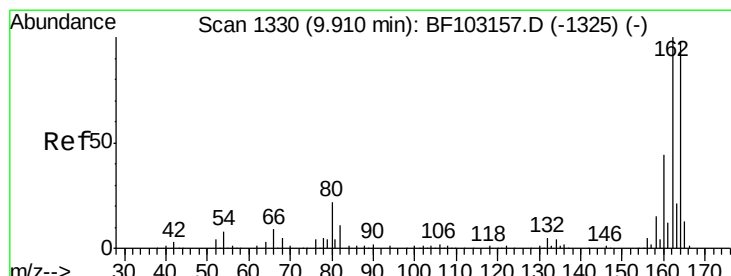
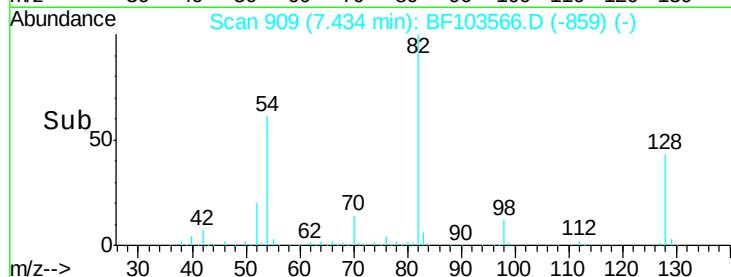
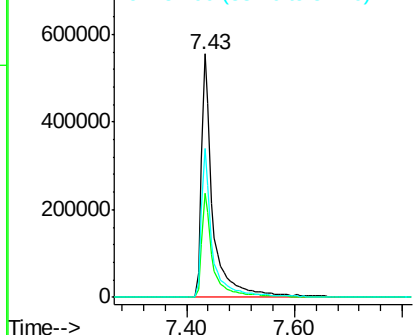
#23
Nitrobenzene-d5
Concen: 69.161 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103566.D
Acq: 9 Mar 2018 19:20

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1-3-20180204

Tot Ion: 82 Resp: 822705
Ion Ratio Lower Upper
82 100
128 42.8 36.1 54.1
54 61.3 41.4 62.2

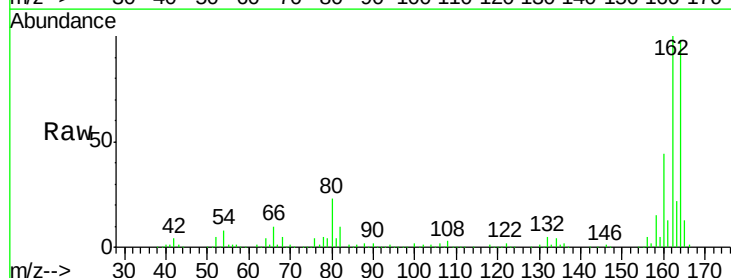


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

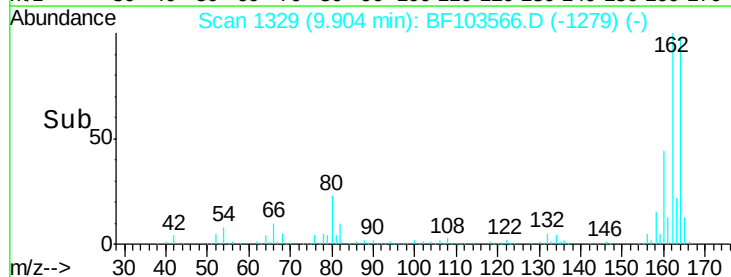
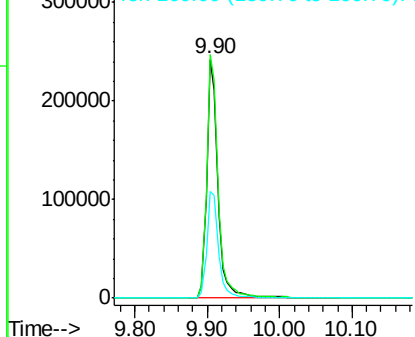


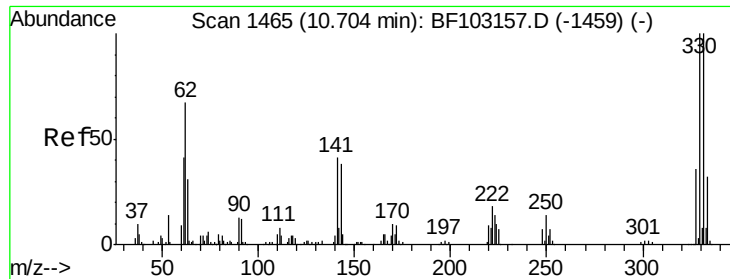
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF103566.D
Acq: 9 Mar 2018 19:20

Tgt Ion: 164 Resp: 261816
Ion Ratio Lower Upper
164 100
162 102.1 86.1 129.1
160 44.9 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#41

2,4,6-Tribromophenol

Concen: 68.806 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BF103566.D

Acq: 9 Mar 2018 19:20

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-1-3-20180204

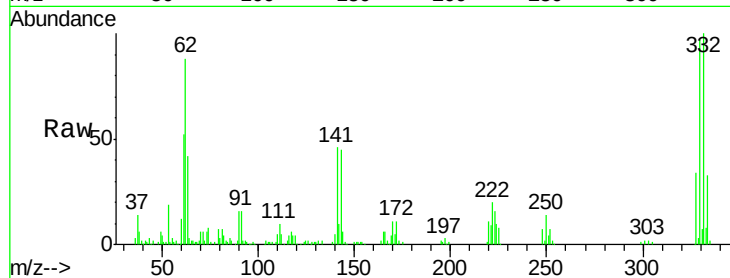
Tot Ion:330 Resp: 152484

Ion Ratio Lower Upper

330 100

332 100.6 77.0 115.6

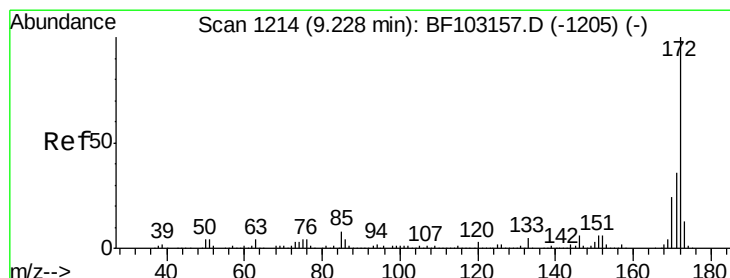
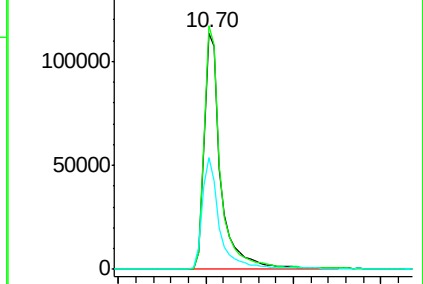
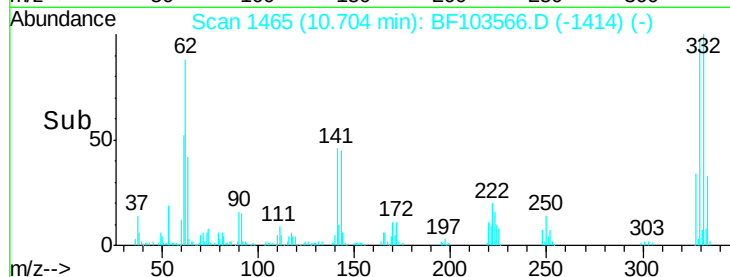
141 49.7 29.9 44.9#



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: 62.660 ng

RT: 9.22 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BF103566.D

Acq: 9 Mar 2018 19:20

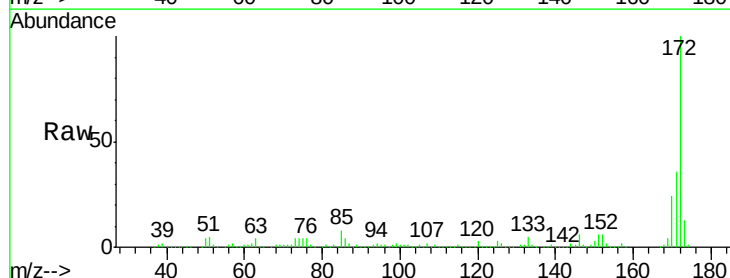
Tgt Ion:172 Resp: 1015173

Ion Ratio Lower Upper

172 100

171 35.7 29.7 44.5

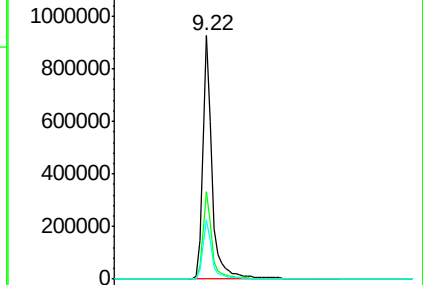
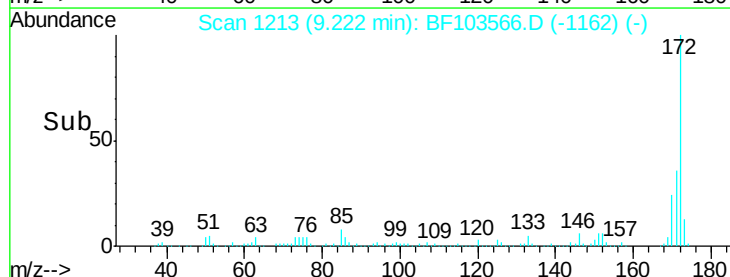
170 24.5 19.6 29.4

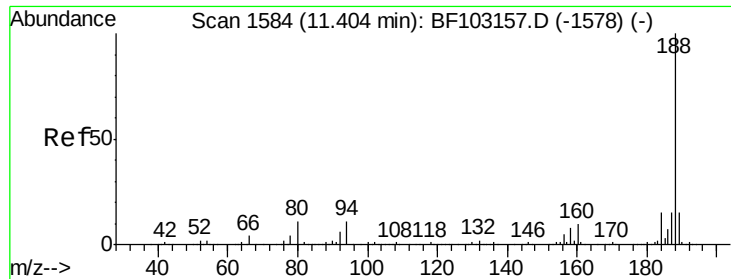


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

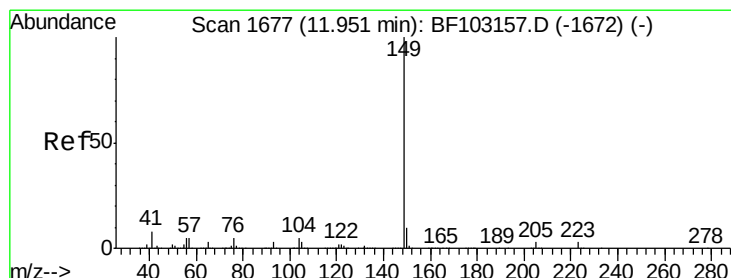
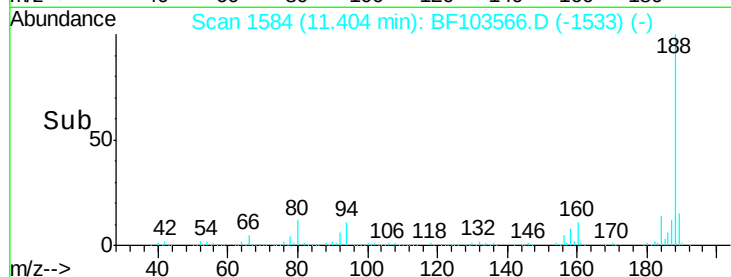
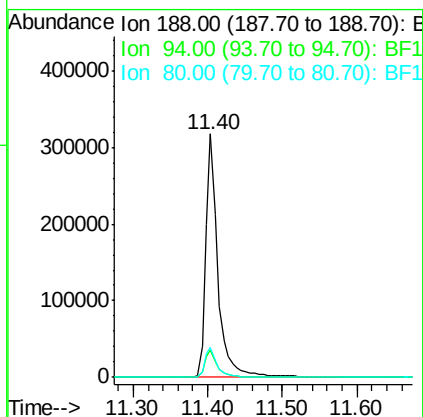
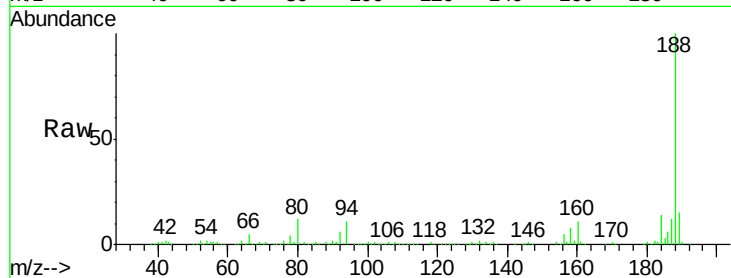




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF103566.D
 Acq: 9 Mar 2018 19:20

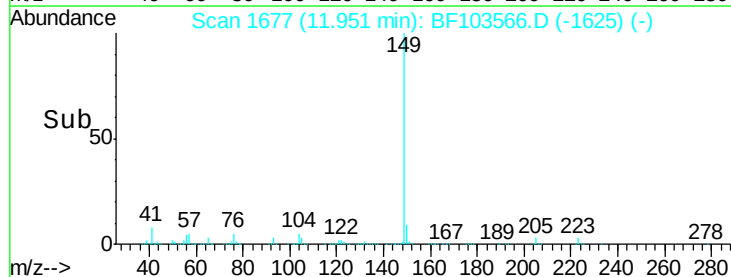
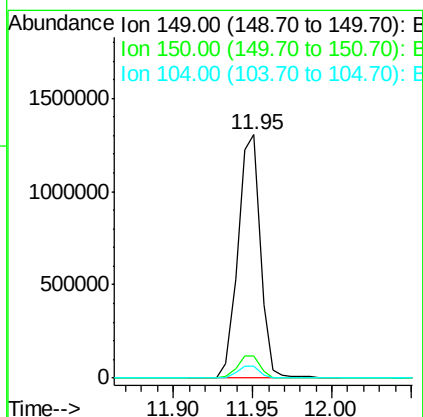
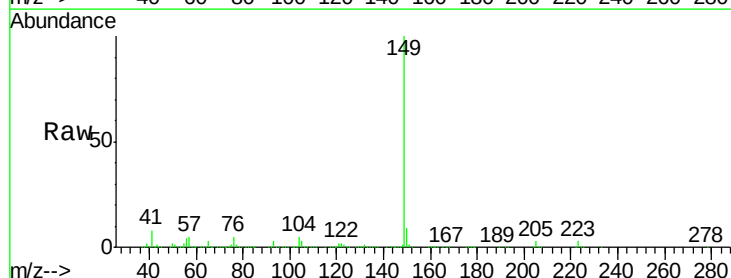
Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-1-3-20180204

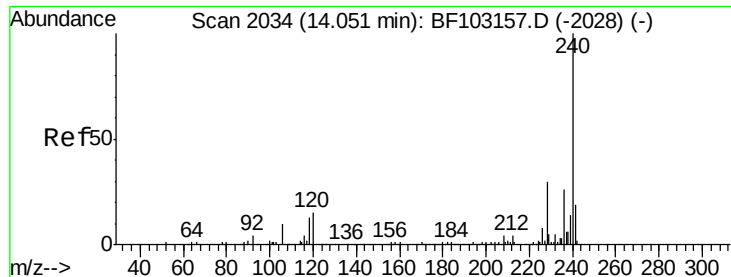
Tot Ion:188 Resp: 361877
 Ion Ratio Lower Upper
 188 100
 94 11.1 8.5 12.7
 80 12.1 9.2 13.8



#73
 Di-n-butylphthalate
 Concen: 50.456 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. 0.01 min
 Lab File: BF103566.D
 Acq: 9 Mar 2018 19:20

Tgt Ion:149 Resp: 1283957
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.8 11.6
 104 5.1 3.8 5.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BF103566.D

Acq: 9 Mar 2018 19:20

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-1-3-20180204

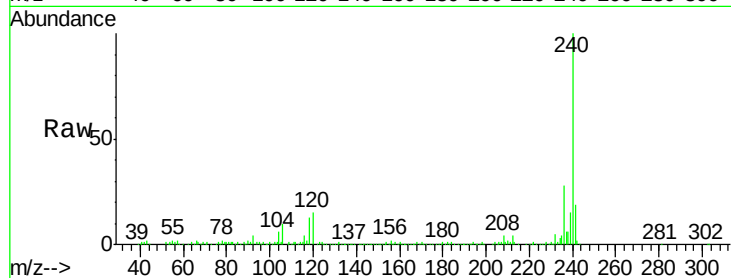
Tot Ion:240 Resp: 264232

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

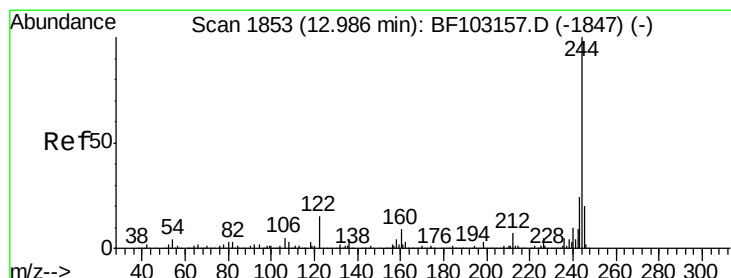
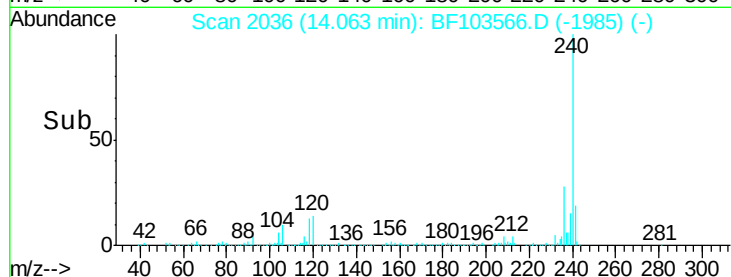
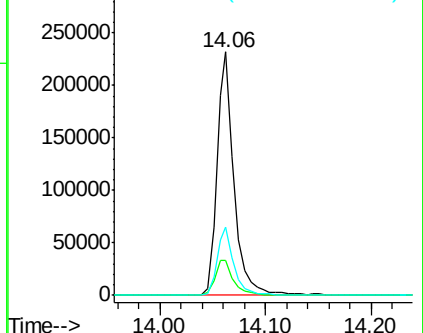
236 28.2 20.7 31.1



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: 57.550 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF103566.D

Acq: 9 Mar 2018 19:20

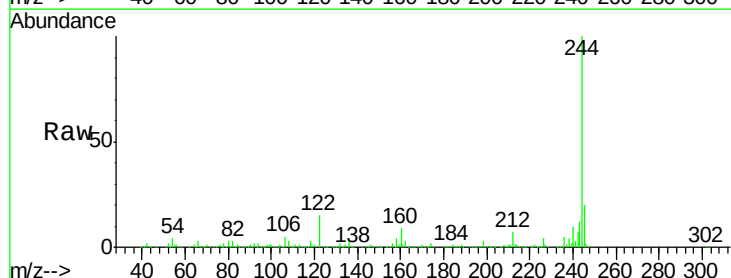
Tgt Ion:244 Resp: 632584

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

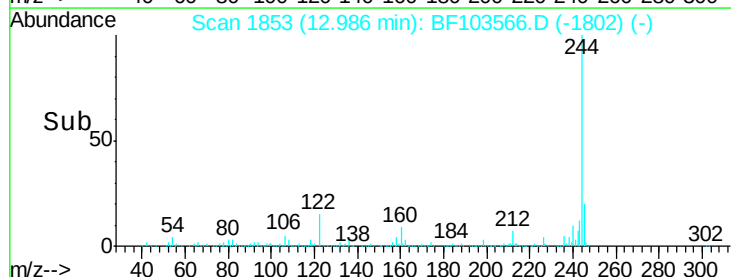
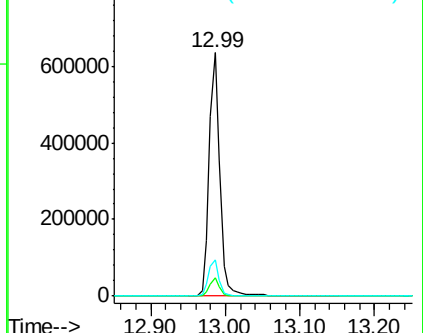
122 15.1 11.0 16.4

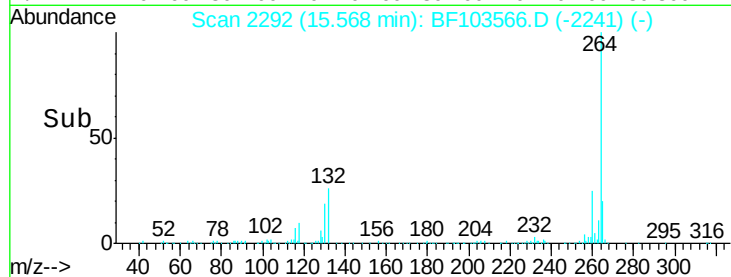
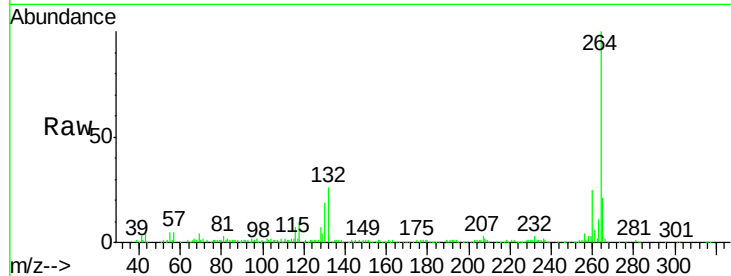
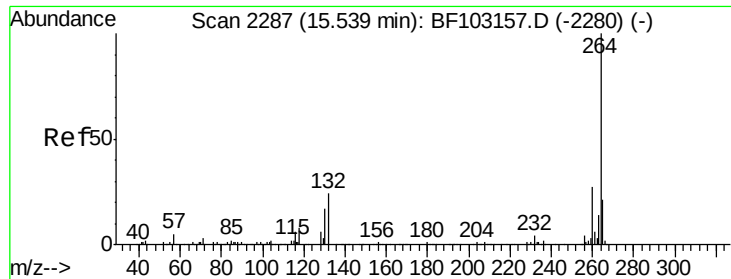


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BF103566.D
 Acq: 9 Mar 2018 19:20

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-1-3-20180204

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	20.6	17.5	26.3

