

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
 Data File : BF103650.D
 Acq On : 14 Mar 2018 19:32
 Operator : SJ/JU
 Sample : J1754-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-031318-A

Quant Time: Mar 15 01:23:24 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 18:08:29 2018
 Response via : Initial Calibration

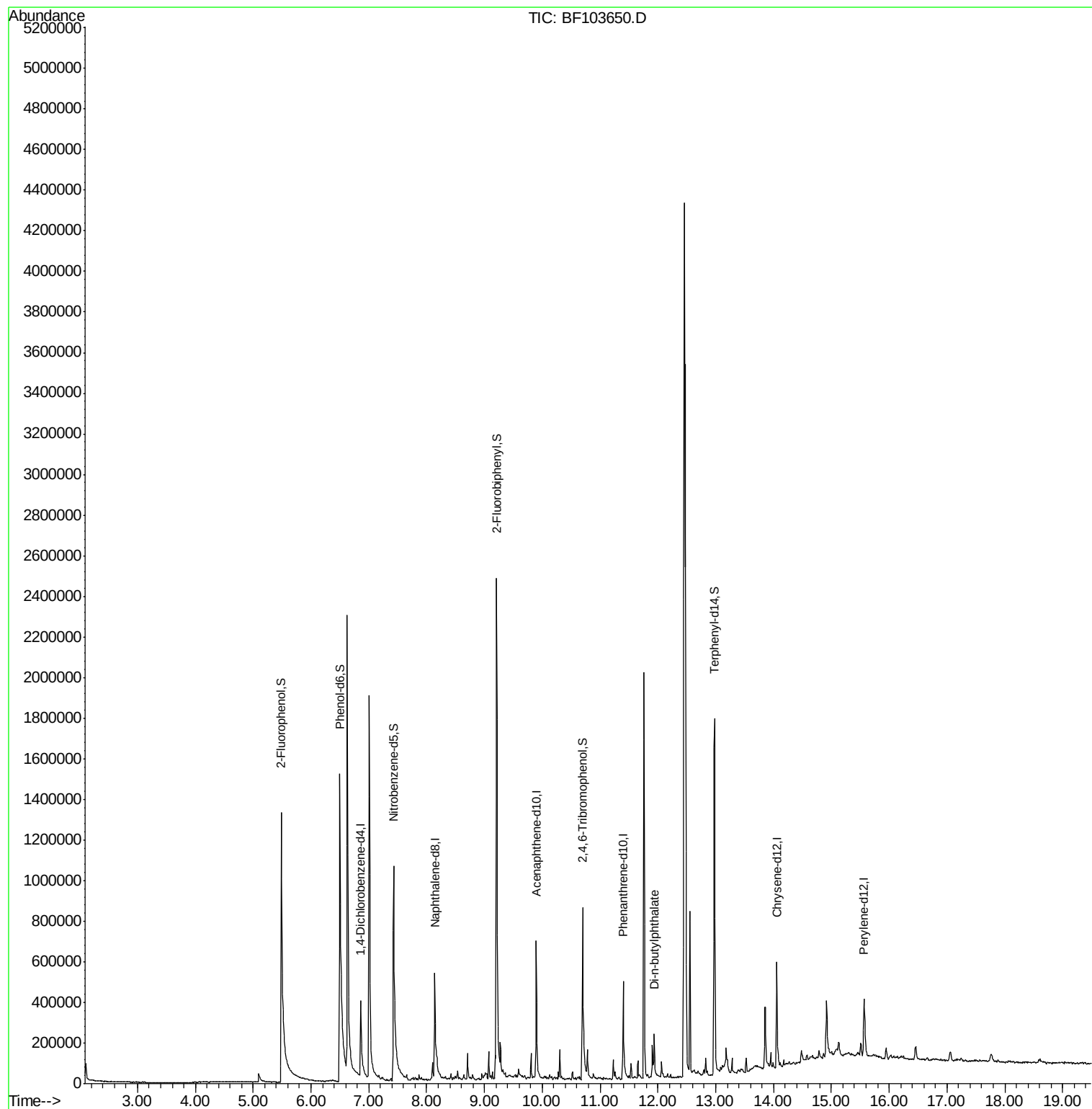
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	109256	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	447161	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	167617	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	256436	20.00	ng	0.00
75) Chrysene-d12	14.06	240	212853	20.00	ng	0.00
86) Perylene-d12	15.57	264	177798	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	858701	118.87	ng	0.00
7) Phenol-d6	6.50	99	1123743	127.13	ng	0.00
23) Nitrobenzene-d5	7.43	82	710045	90.68	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	132238	93.21	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	965830	104.89	ng	0.00
78) Terphenyl-d14	12.98	244	649798	73.39	ng	0.00
Target Compounds						
73) Di-n-butylphthalate	11.94	149	99995	5.545	ng	Qvalue 99

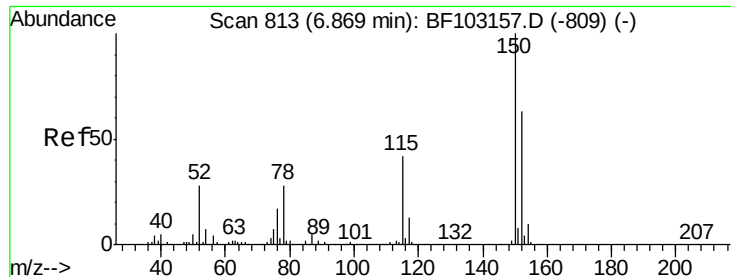
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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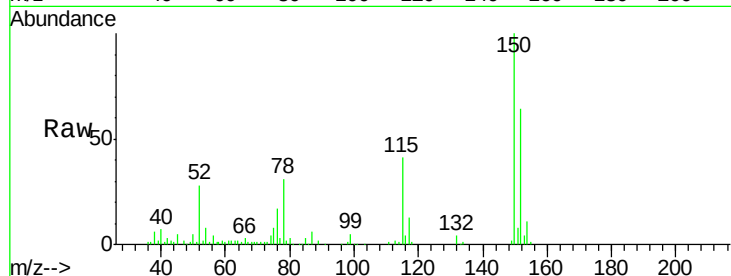


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103650.D
Acq: 14 Mar 2018 19:32

Instrument :
BNA_F
ClientSampleId :
CL-01-031318-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	64.5	50.1	75.1

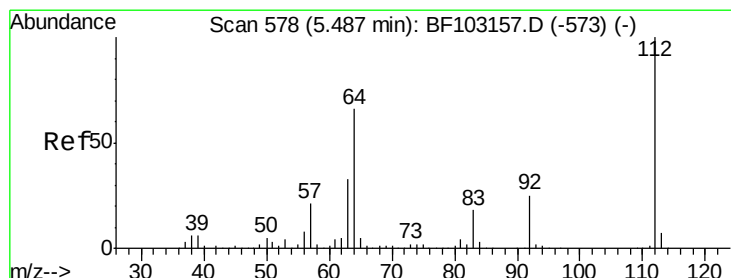
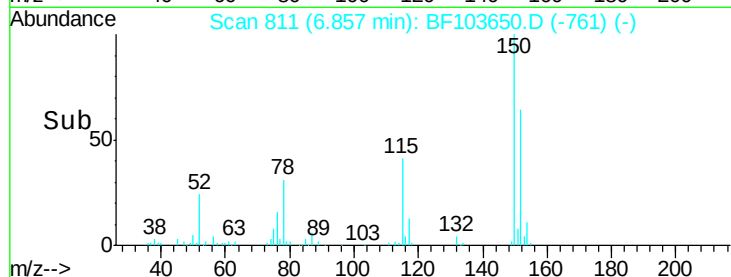
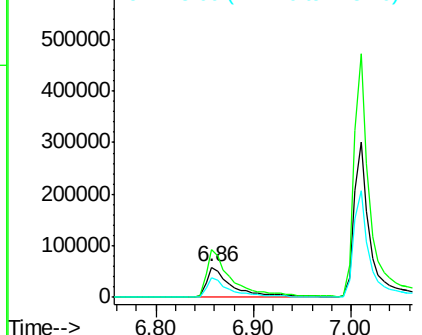


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

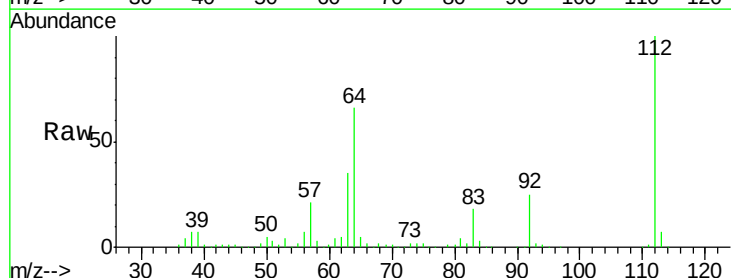
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 118.870 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF103650.D
Acq: 14 Mar 2018 19:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.2	47.9	71.9
63	34.8	23.7	35.5

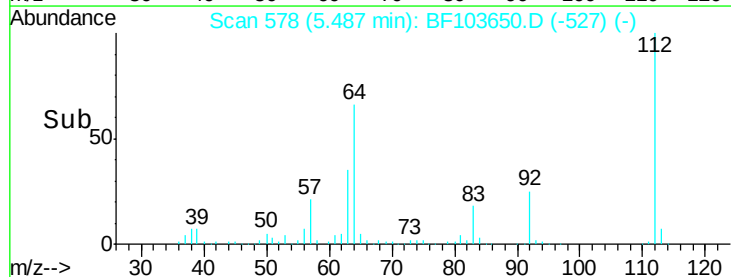
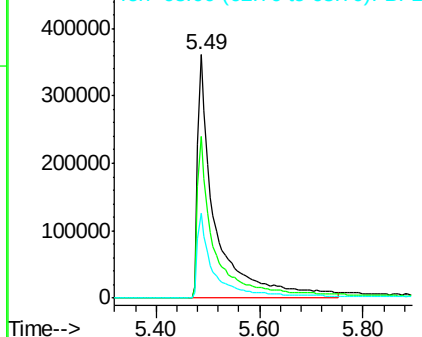


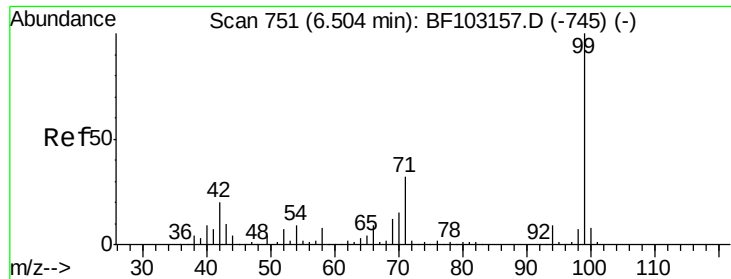
Abundance

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: 127.127 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF103650.D

Acq: 14 Mar 2018 19:32

Instrument :

BNA_F

ClientSampleId :

CL-01-031318-A

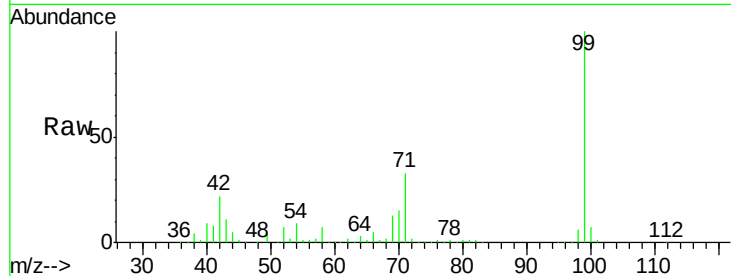
Tot Ion: 99 Resp: 1123743

Ion Ratio Lower Upper

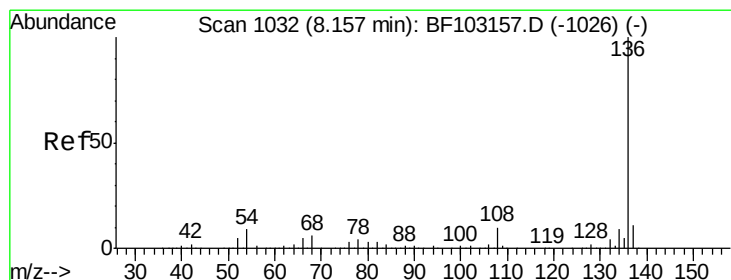
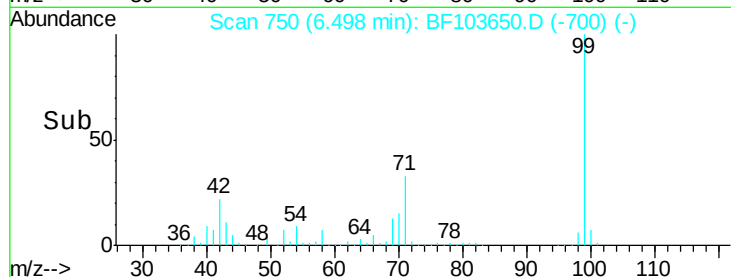
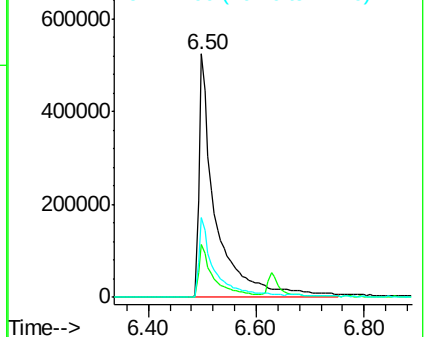
99 100

42 21.6 14.5 21.7

71 32.8 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: 8.14 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF103650.D

Acq: 14 Mar 2018 19:32

Tgt Ion: 136 Resp: 447161

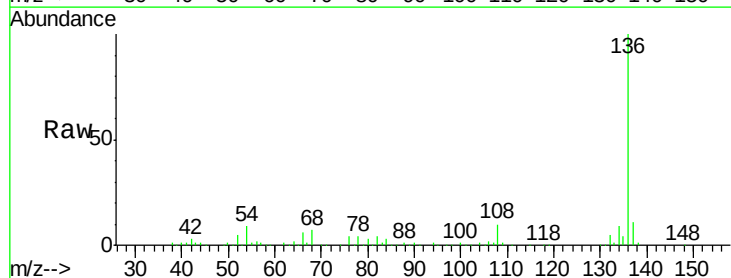
Ion Ratio Lower Upper

136 100

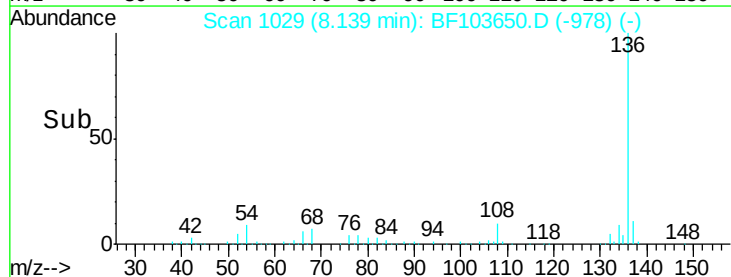
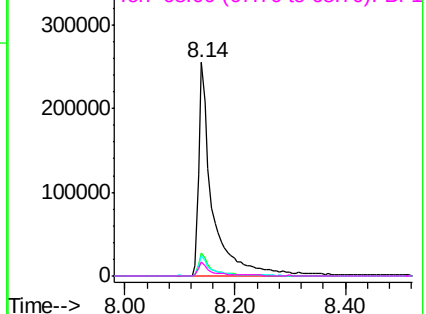
137 10.6 8.9 13.3

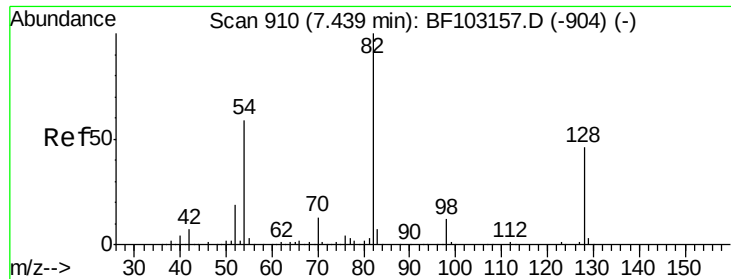
54 9.5 6.6 9.8

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

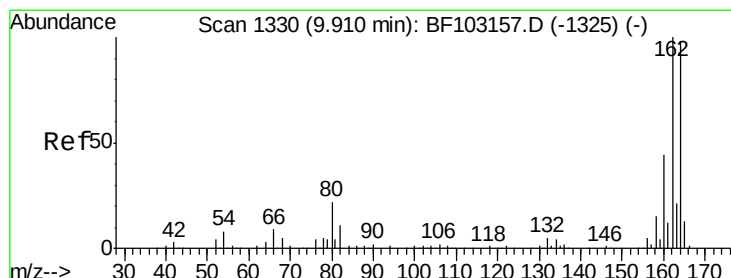
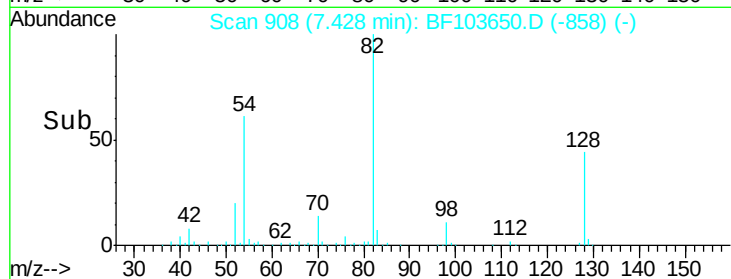
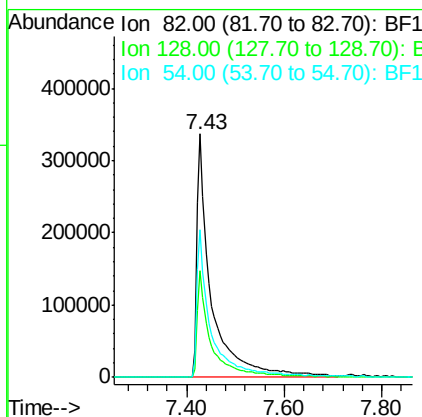
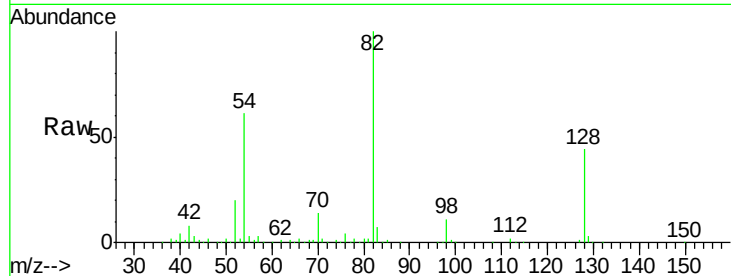




#23
 Nitrobenzene-d5
 Concen: 90.682 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF103650.D
 Acq: 14 Mar 2018 19:32

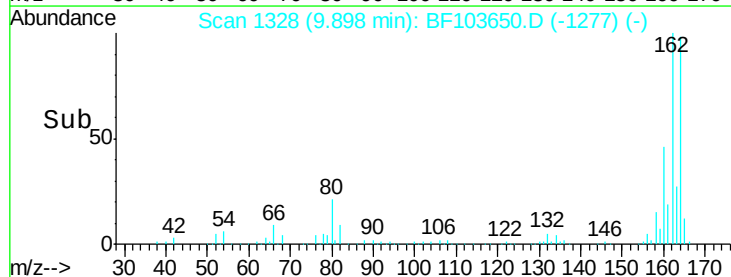
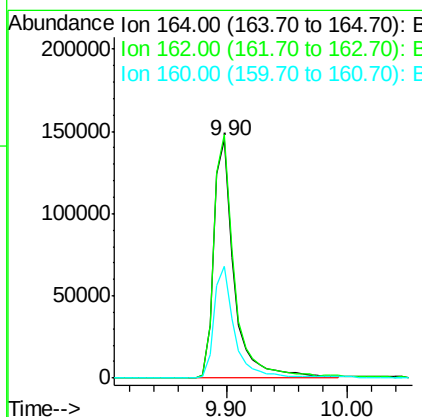
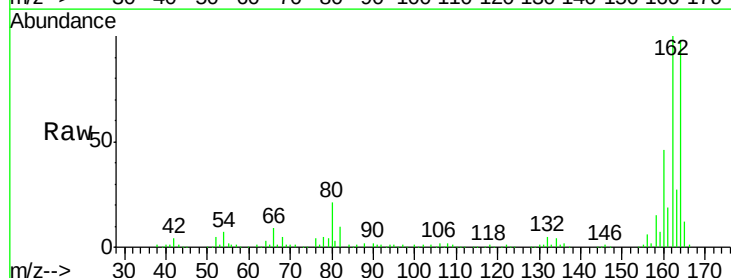
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-031318-A

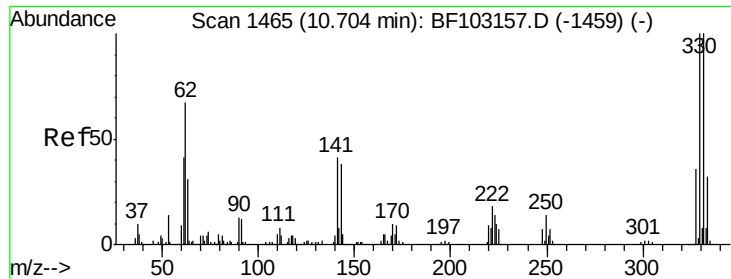
Tot Ion: 82 Resp: 710045
 Ion Ratio Lower Upper
 82 100
 128 43.8 36.1 54.1
 54 60.7 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF103650.D
 Acq: 14 Mar 2018 19:32

Tgt Ion:164 Resp: 167617
 Ion Ratio Lower Upper
 164 100
 162 102.3 86.1 129.1
 160 47.0 38.3 57.5

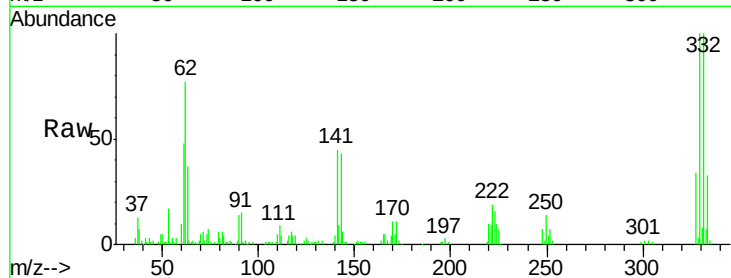




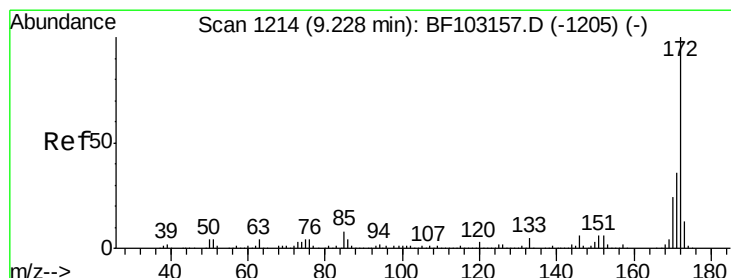
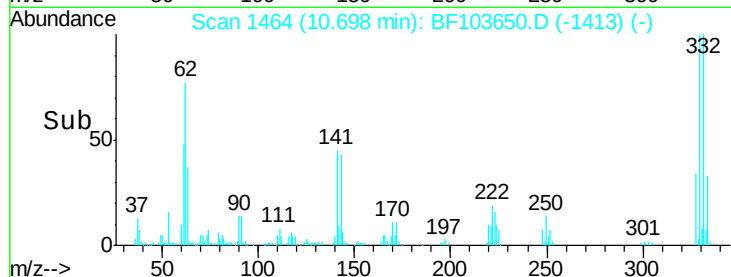
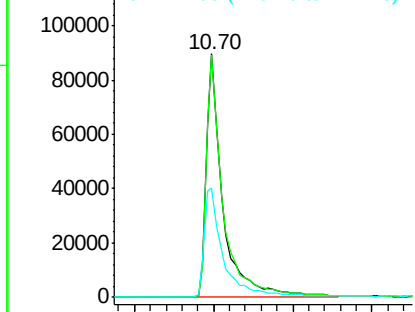
#41
 2,4,6-Tribromophenol
 Concen: 93.205 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF103650.D
 Acq: 14 Mar 2018 19:32

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-031318-A

Tot Ion:330 Resp: 132238
 Ion Ratio Lower Upper
 330 100
 332 102.6 77.0 115.6
 141 52.5 29.9 44.9#

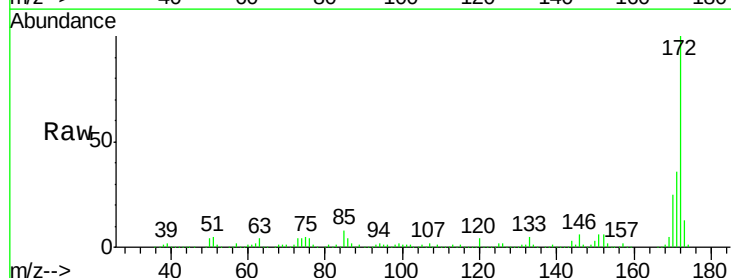


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

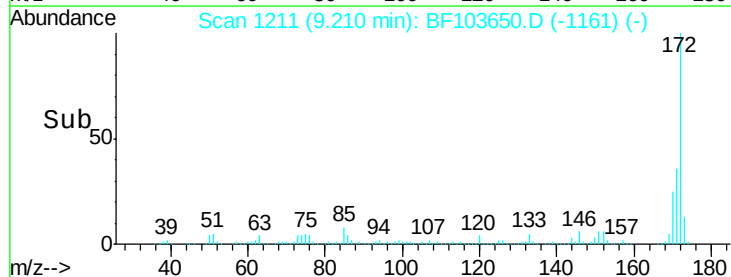
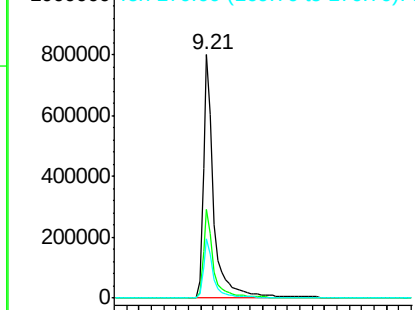


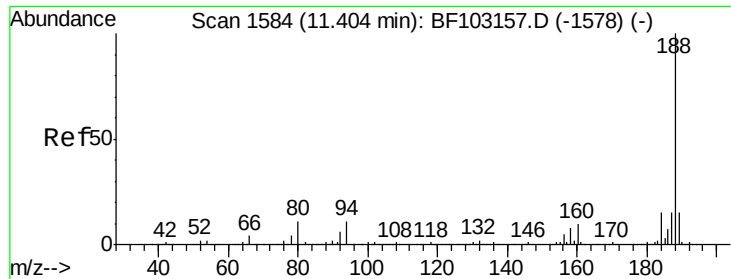
#44
 2-Fluorobiphenyl
 Concen: 104.889 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF103650.D
 Acq: 14 Mar 2018 19:32

Tgt Ion:172 Resp: 965830
 Ion Ratio Lower Upper
 172 100
 171 36.5 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

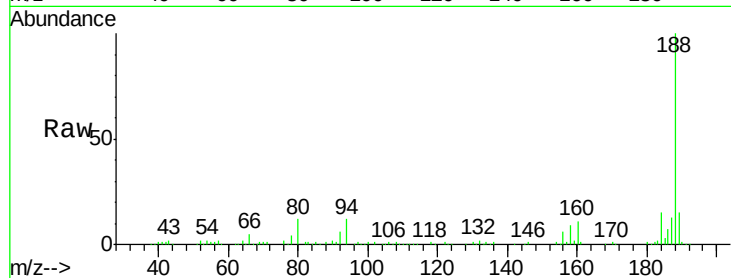




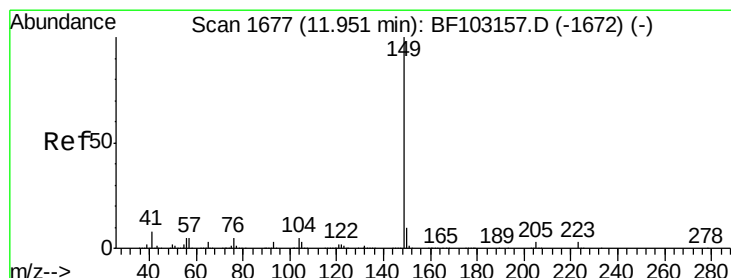
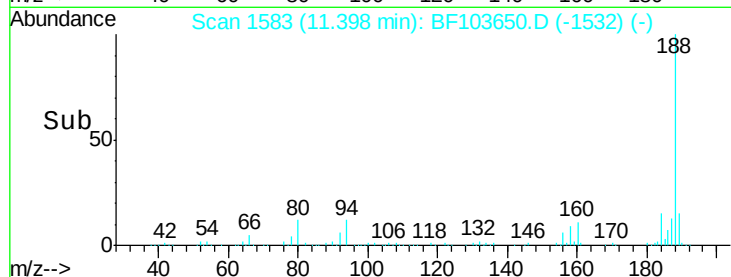
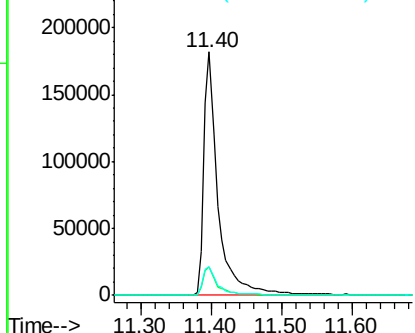
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF103650.D
 Acq: 14 Mar 2018 19:32

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-031318-A

Tot Ion:188 Resp: 256436
 Ion Ratio Lower Upper
 188 100
 94 11.5 8.5 12.7
 80 12.0 9.2 13.8

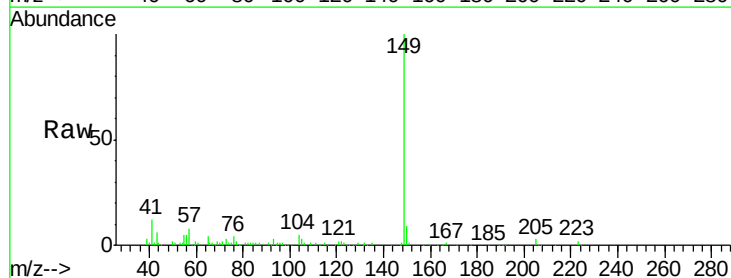


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

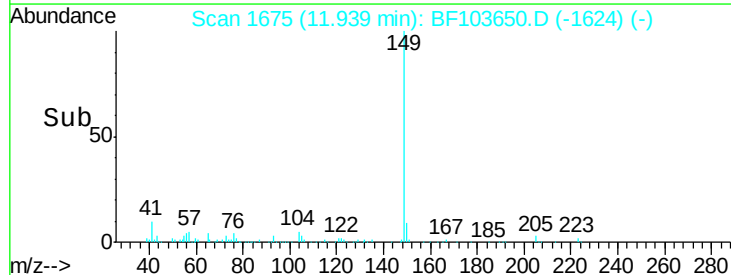
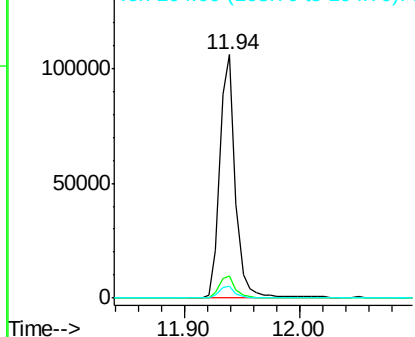


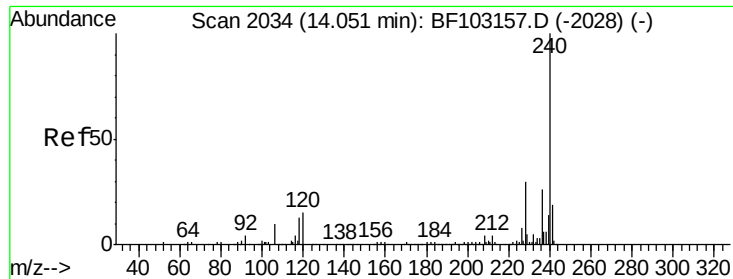
#73
 Di-n-butylphthalate
 Concen: 5.545 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF103650.D
 Acq: 14 Mar 2018 19:32

Tgt Ion:149 Resp: 99995
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.8 11.6
 104 5.1 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF103650.D

Acq: 14 Mar 2018 19:32

Instrument :

BNA_F

ClientSampleId :

CL-01-031318-A

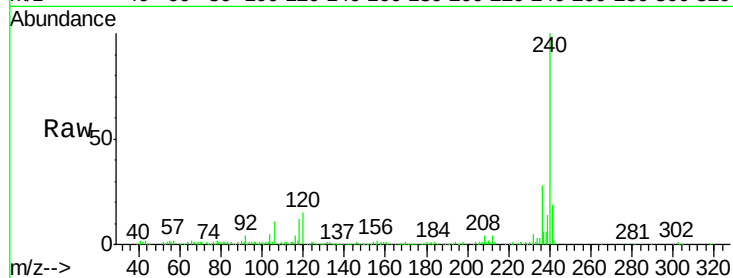
Tot Ion:240 Resp: 212853

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

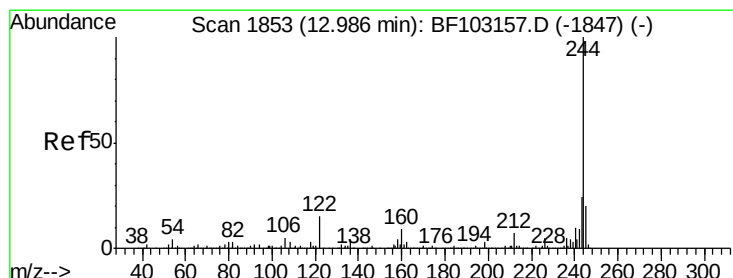
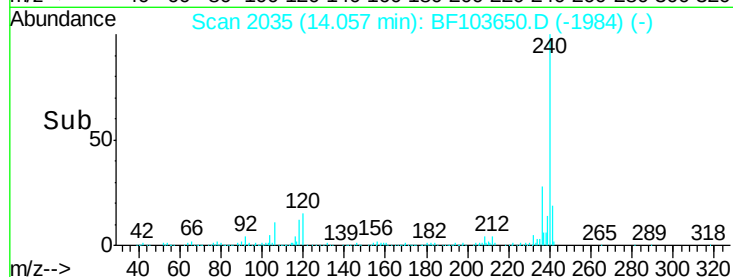
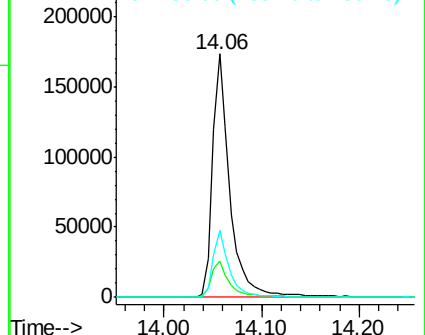
236 27.6 20.7 31.1



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: 73.385 ng

RT: 12.98 min Scan# 1852

Delta R.T. 0.01 min

Lab File: BF103650.D

Acq: 14 Mar 2018 19:32

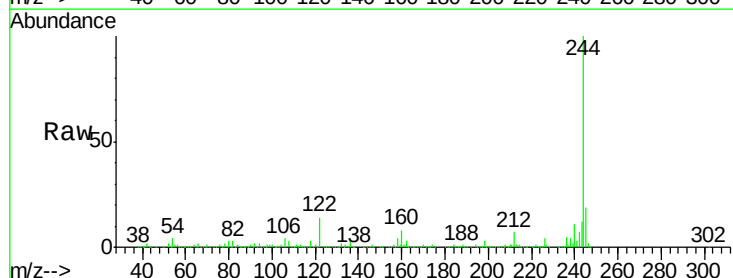
Tgt Ion:244 Resp: 649798

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

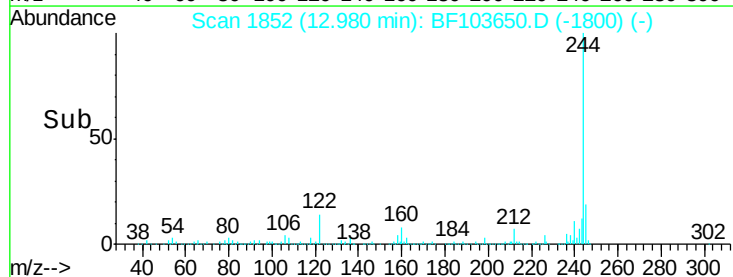
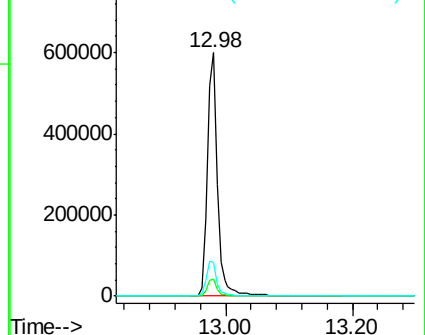
122 13.8 11.0 16.4

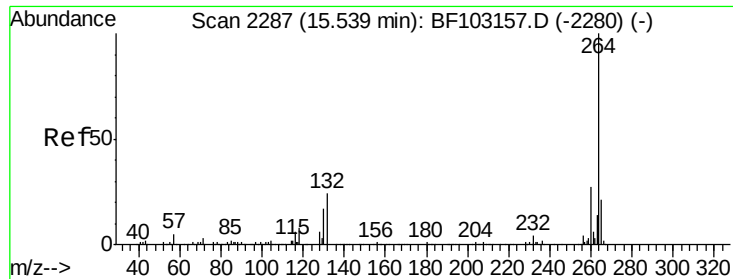


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF103650.D
Acq: 14 Mar 2018 19:32

Instrument :
BNA_F
ClientSampleId :
CL-01-031318-A

Tot Ion: 264 Resp: 177798

Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.2	28.8
265	21.8	17.5	26.3

