

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
 Data File : BF107190.D
 Acq On : 6 Jul 2018 22:59
 Operator : JU/SJ
 Sample : J3887-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-D

Quant Time: Jul 07 00:28:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

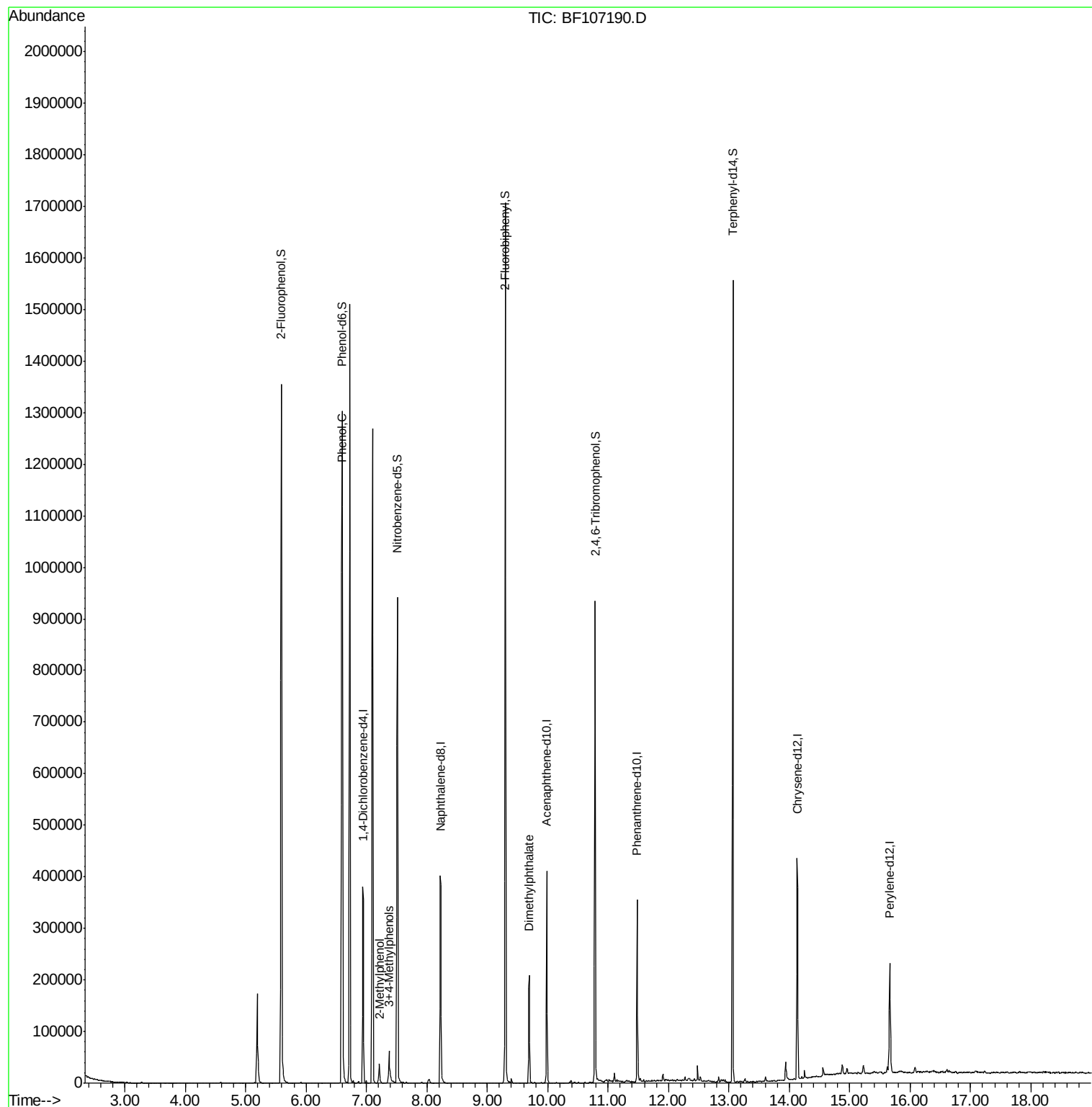
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	59118	20.00	ng	-0.01
21) Naphthalene-d8	8.22	136	213954	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	92553	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	155313	20.00	ng	-0.02
75) Chrysene-d12	14.13	240	164448	20.00	ng	-0.04
86) Perylene-d12	15.67	264	120483	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	450884	129.15	ng	0.00
7) Phenol-d6	6.60	99	564659	129.51	ng	-0.02
23) Nitrobenzene-d5	7.51	82	354075	91.97	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	138025	128.67	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	575234	109.44	ng	-0.02
78) Terphenyl-d14	13.07	244	586319	86.36	ng	-0.02
Target Compounds						
10) Phenol	6.61	94	58361	11.729	ng	Qvalue 100
17) 2-Methylphenol	7.21	107	9788	2.987	ng	93
20) 3+4-Methylphenols	7.37	107	29242	6.104	ng	85
49) Dimethylphthalate	9.70	163	96910	13.961	ng	99

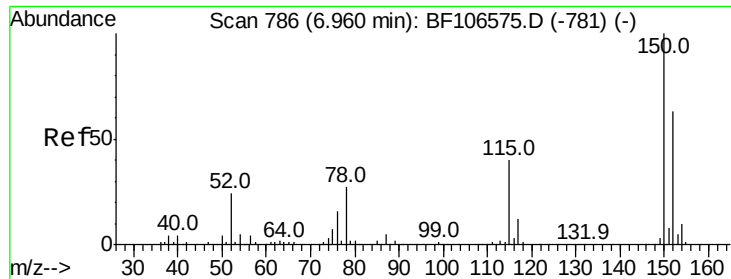
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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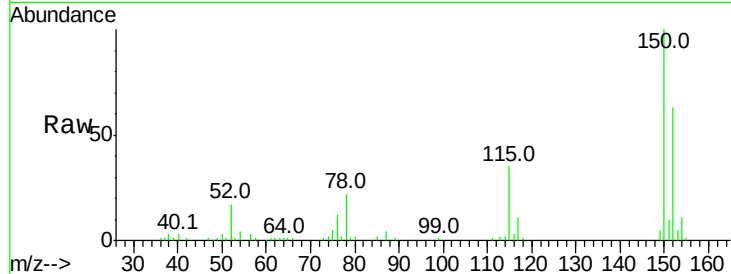


#1

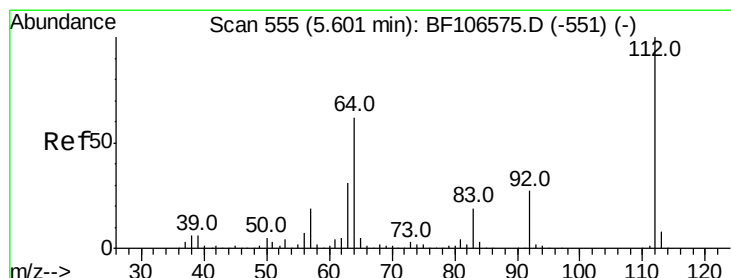
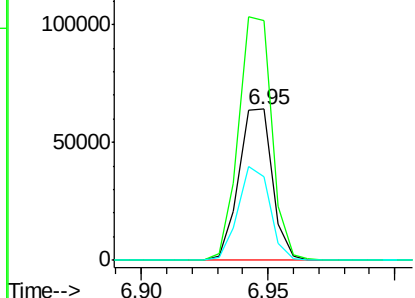
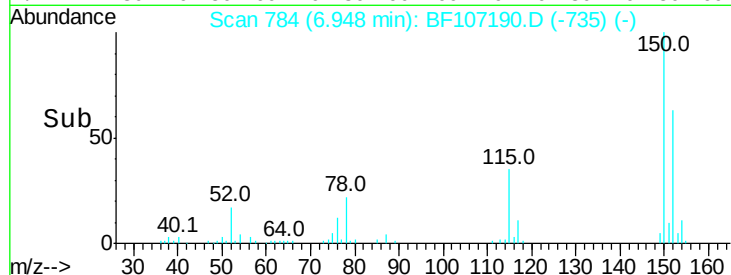
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107190.D
Acq: 6 Jul 2018 22:59

Instrument :
BNA_F
ClientSampleId :
TP-8-D

Tot Ion:152 Resp: 59118
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 55.6 50.1 75.1



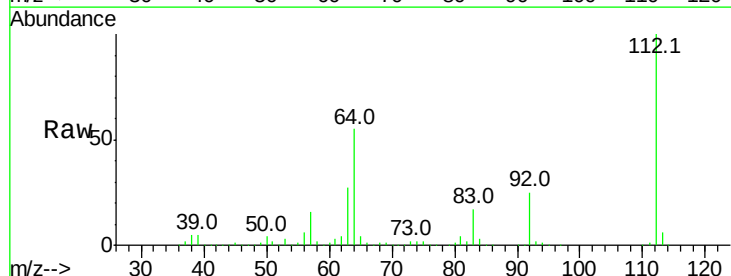
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



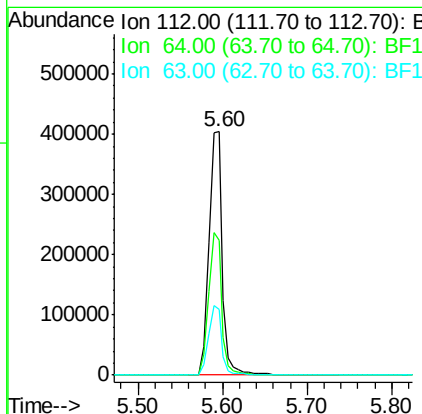
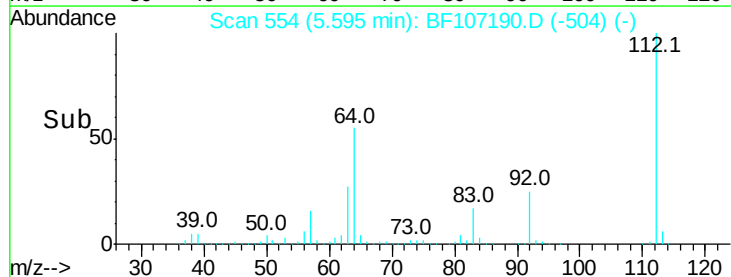
#5

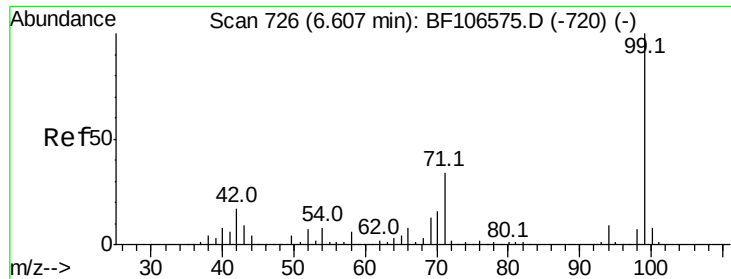
2-Fluorophenol
Concen: 129.147 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107190.D
Acq: 6 Jul 2018 22:59

Tgt Ion:112 Resp: 450884
Ion Ratio Lower Upper
112 100
64 55.2 47.9 71.9
63 27.2 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: 129.512 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107190.D

Acq: 6 Jul 2018 22:59

Instrument :

BNA_F

ClientSampleId :

TP-8-D

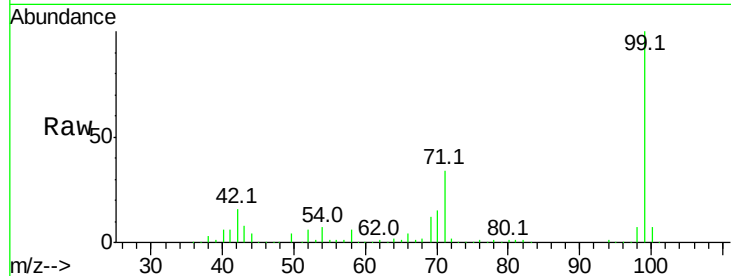
Tot Ion: 99 Resp: 564659

Ion Ratio Lower Upper

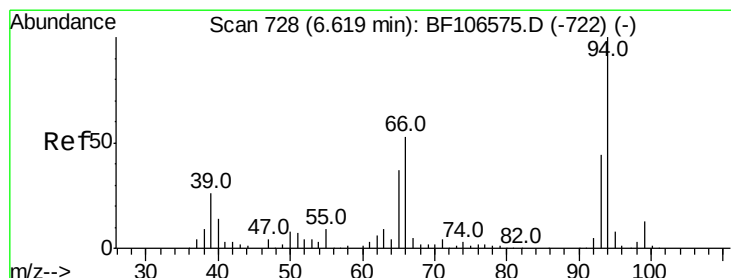
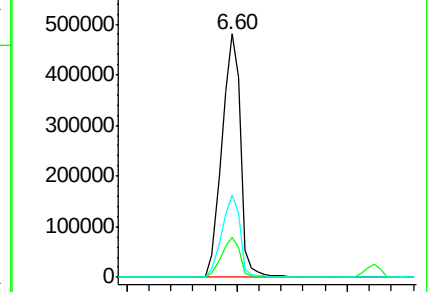
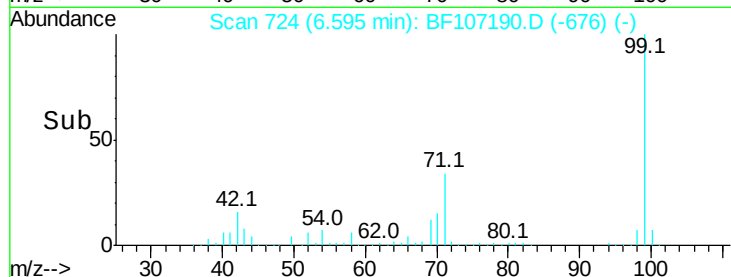
99 100

42 16.3 14.5 21.7

71 33.9 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: 11.729 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF107190.D

Acq: 6 Jul 2018 22:59

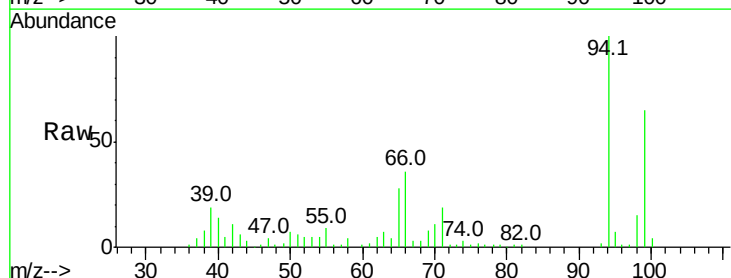
Tgt Ion: 94 Resp: 58361

Ion Ratio Lower Upper

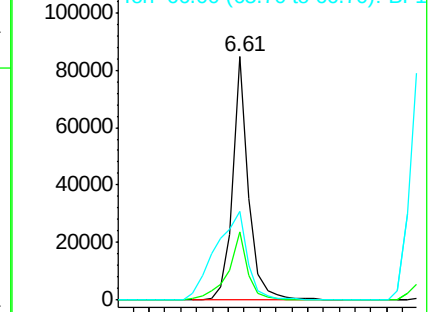
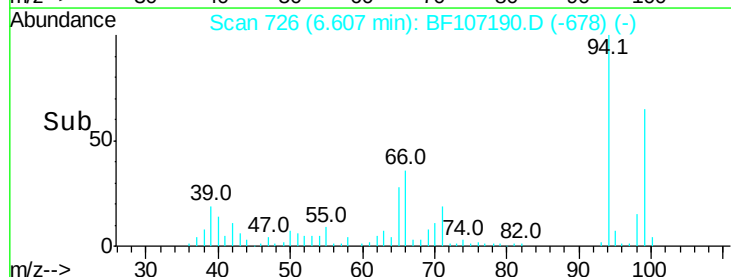
94 100

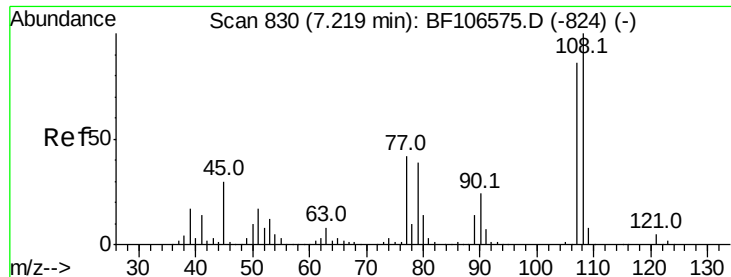
65 28.0 7.9 47.9

66 36.4 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





#17

2-Methylphenol

Concen: 2.987 ng

RT: 7.21 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF107190.D

Acq: 6 Jul 2018 22:59

Instrument :

BNA_F

ClientSampleId :

TP-8-D

Tot Ion:107 Resp: 9788

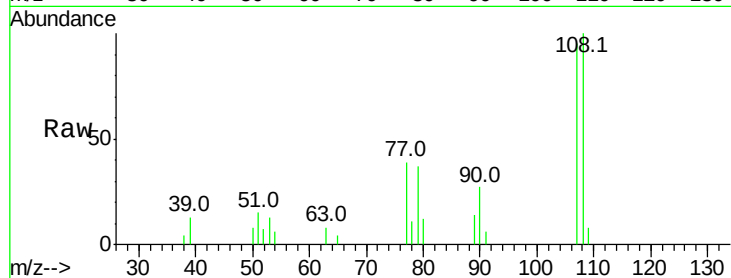
Ion Ratio Lower Upper

107 100

108 105.1 91.7 137.5

77 40.7 33.8 50.8

79 38.4 33.8 50.8

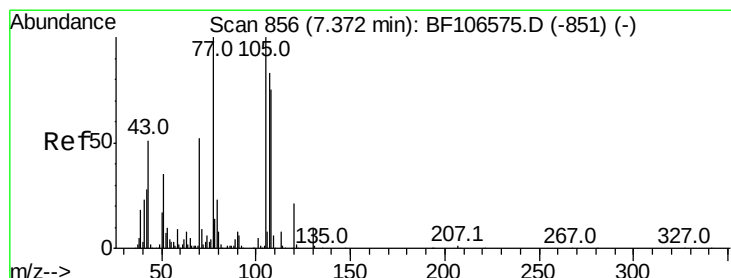
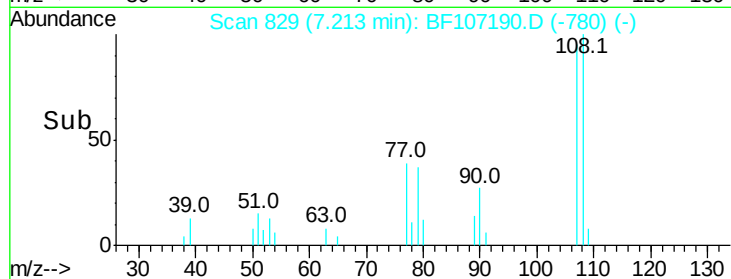
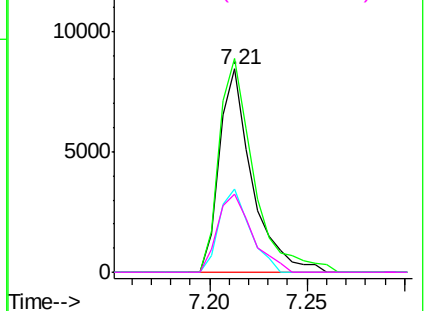


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#20

3+4-Methylphenols

Concen: 6.104 ng

RT: 7.37 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF107190.D

Acq: 6 Jul 2018 22:59

Tgt Ion:107 Resp: 29242

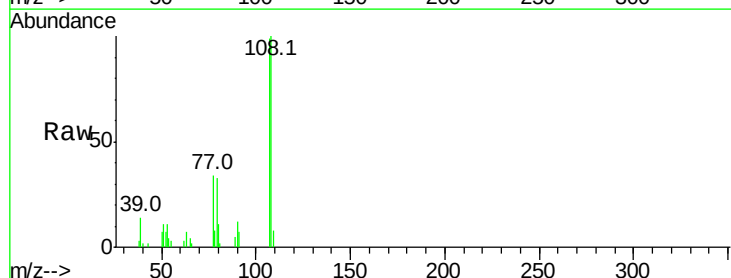
Ion Ratio Lower Upper

107 100

108 100.8 68.2 108.2

77 34.3 26.7 66.7

79 33.7 6.3 46.3

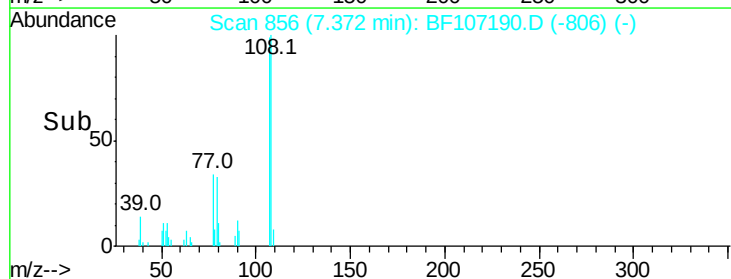
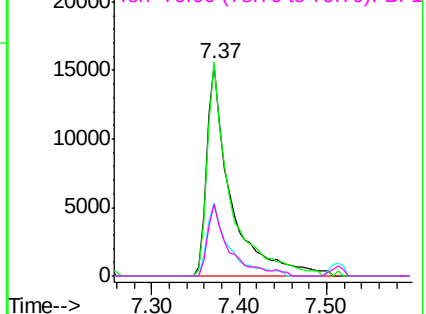


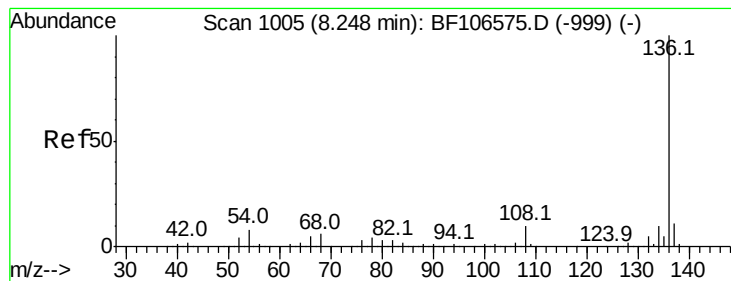
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BF107190.D

Acq: 6 Jul 2018 22:59

Instrument :

BNA_F

ClientSampleId :

TP-8-D

Tot Ion:136 Resp: 213954

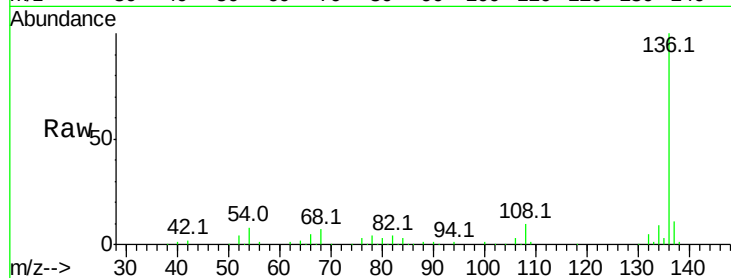
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.5 6.6 9.8

68 7.2 5.0 7.4

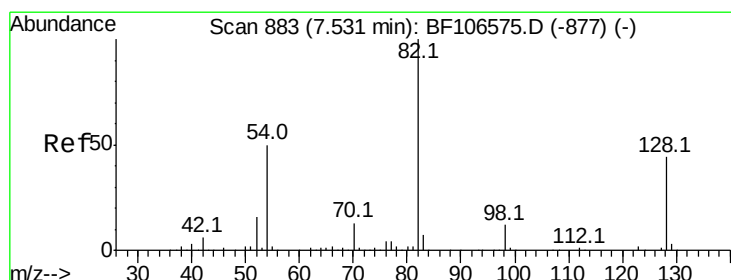
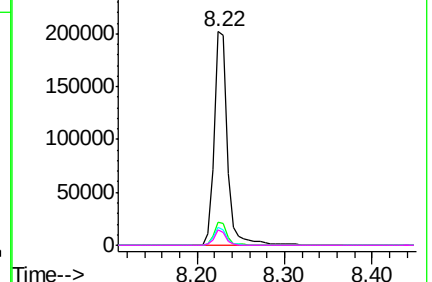
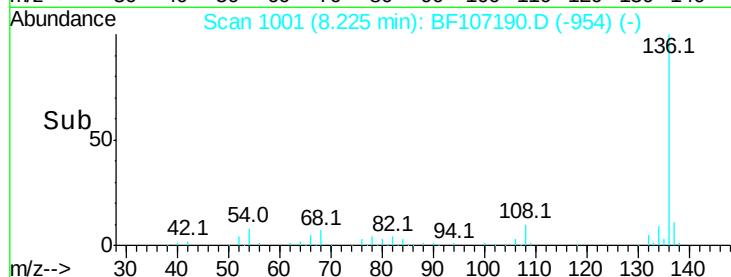


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.969 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF107190.D

Acq: 6 Jul 2018 22:59

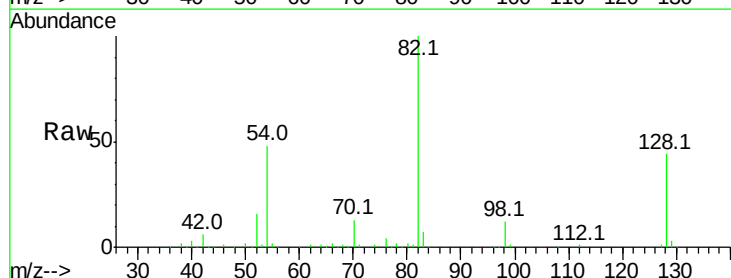
Tgt Ion: 82 Resp: 354075

Ion Ratio Lower Upper

82 100

128 43.7 36.1 54.1

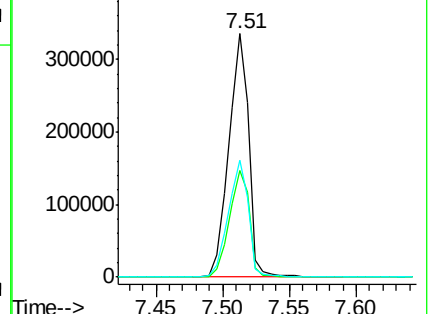
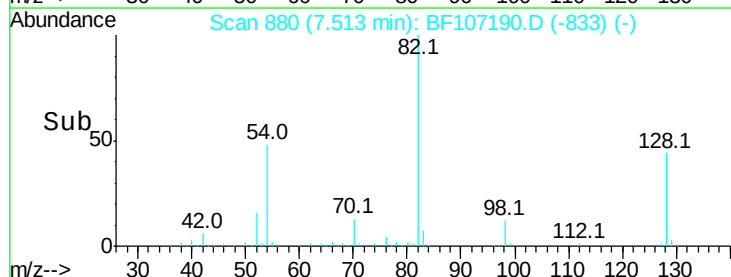
54 48.2 41.4 62.2

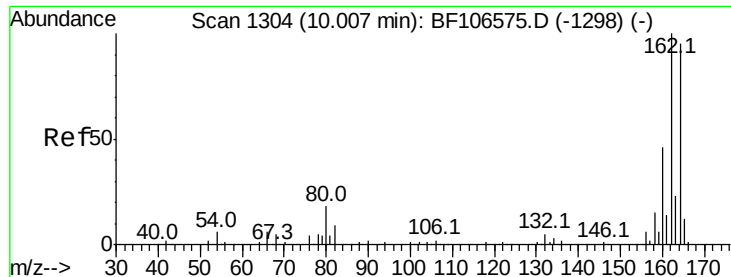


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

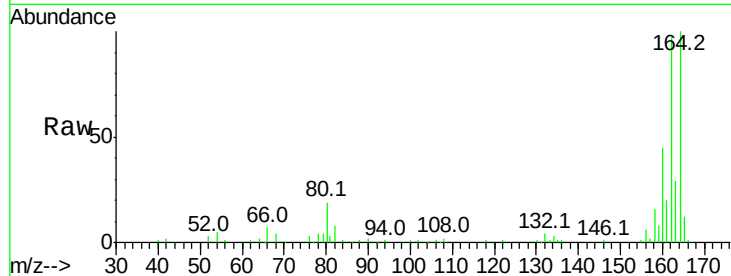




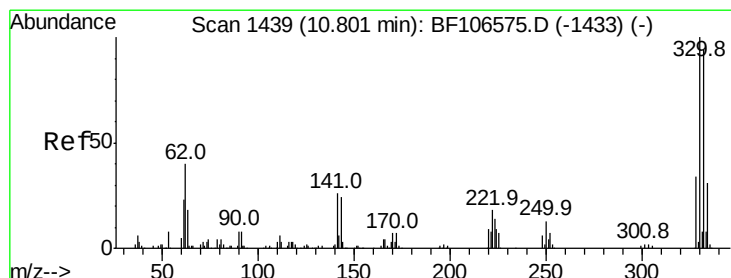
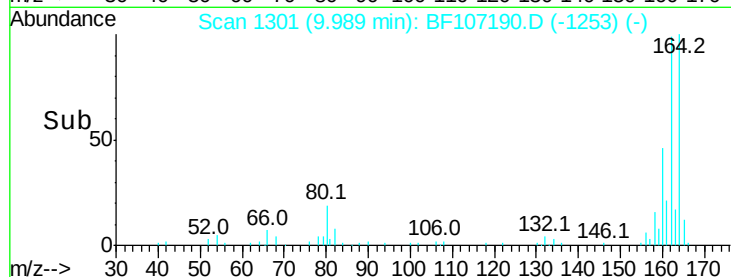
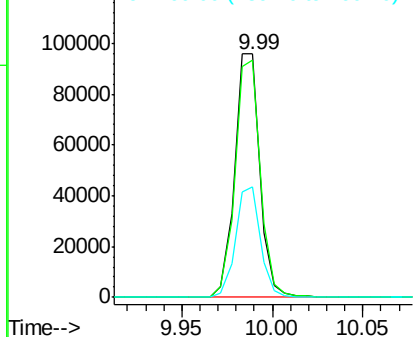
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF107190.D
 Acq: 6 Jul 2018 22:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-D

Tot Ion:164 Resp: 92553
 Ion Ratio Lower Upper
 164 100
 162 97.4 86.1 129.1
 160 45.3 38.3 57.5

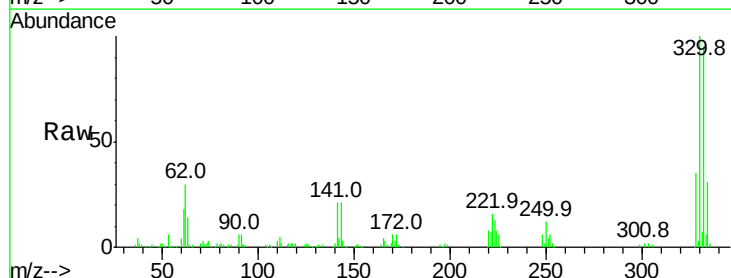


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

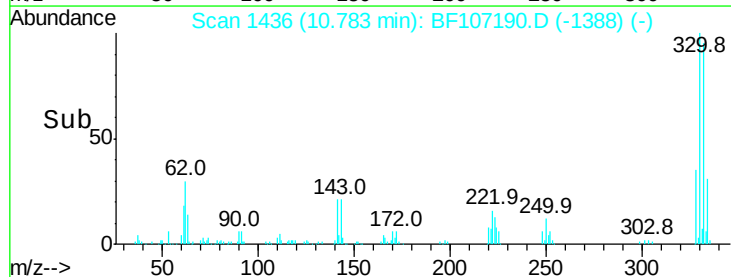
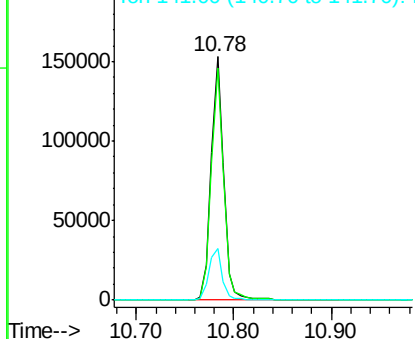


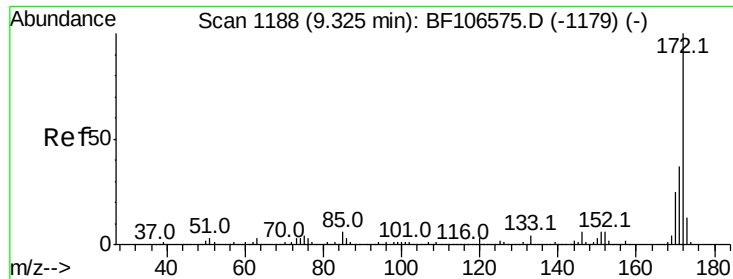
#41
 2,4,6-Tribromophenol
 Concen: 128.669 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107190.D
 Acq: 6 Jul 2018 22:59

Tgt Ion:330 Resp: 138025
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 22.3 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

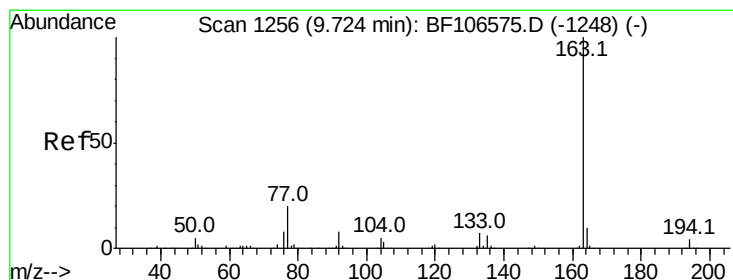
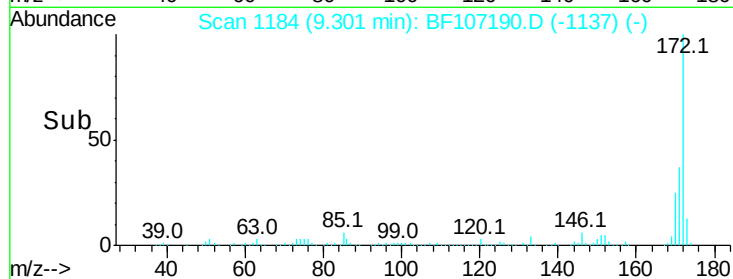
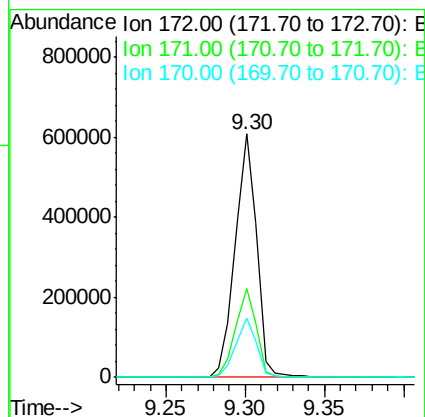
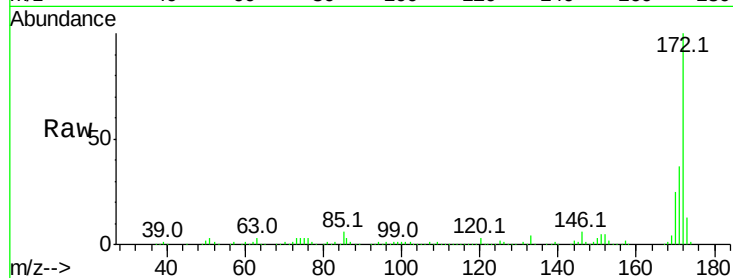




#44
 2-Fluorobiphenyl
 Concen: 109.441 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107190.D
 Acq: 6 Jul 2018 22:59

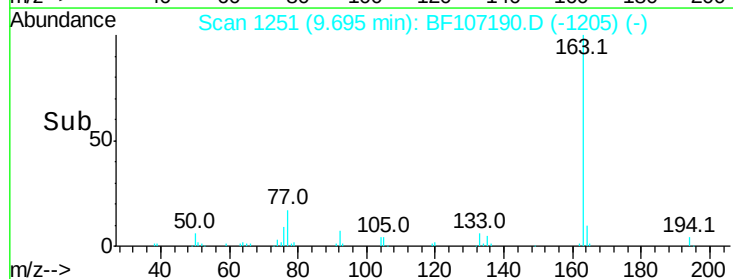
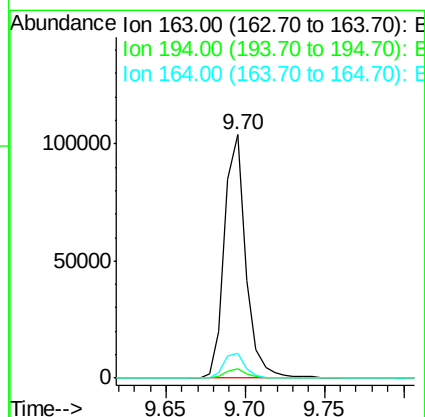
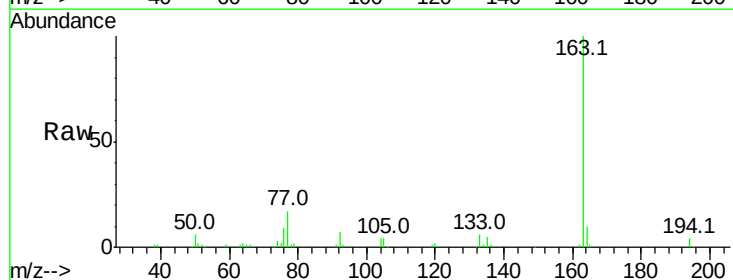
Instrument :
 BNA_F
 ClientSampleId :
 TP-8-D

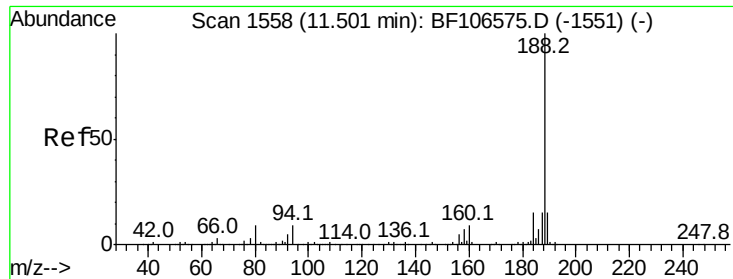
Tot Ion:172 Resp: 575234
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.6 19.6 29.4



#49
 Dimethylphthalate
 Concen: 13.961 ng
 RT: 9.70 min Scan# 1251
 Delta R.T. -0.03 min
 Lab File: BF107190.D
 Acq: 6 Jul 2018 22:59

Tgt Ion:163 Resp: 96910
 Ion Ratio Lower Upper
 163 100
 194 4.1 2.7 4.1
 164 10.1 8.2 12.2

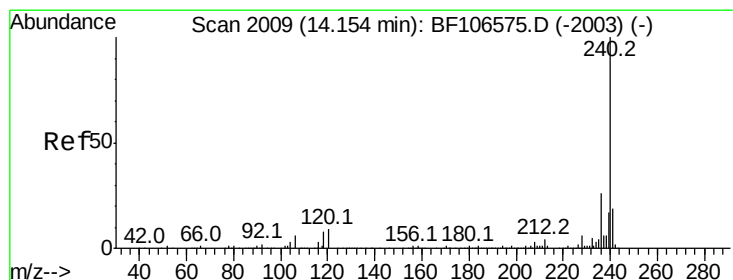
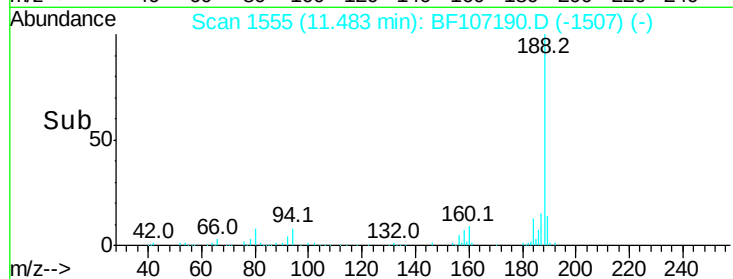
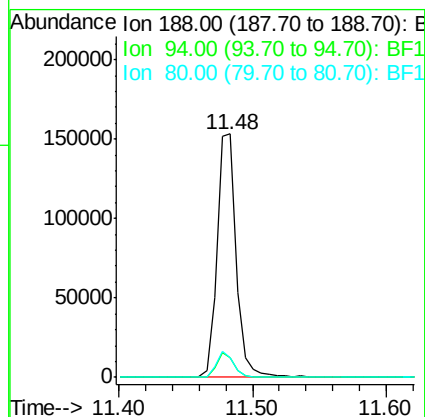
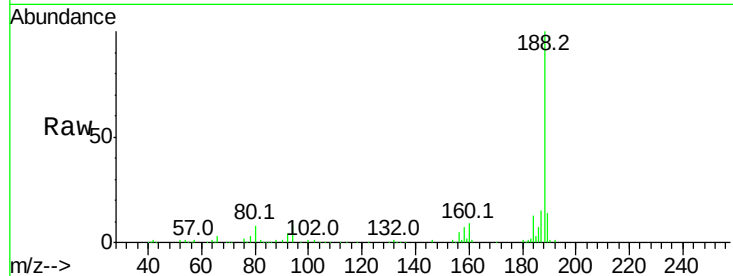




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107190.D
Acq: 6 Jul 2018 22:59

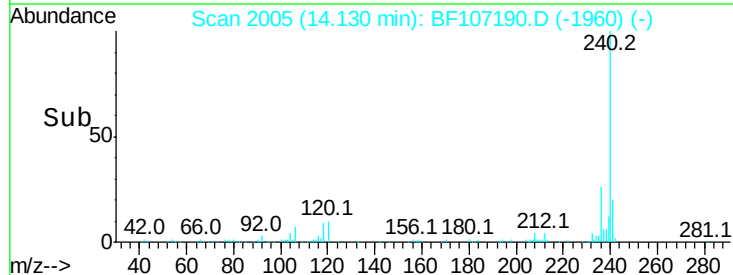
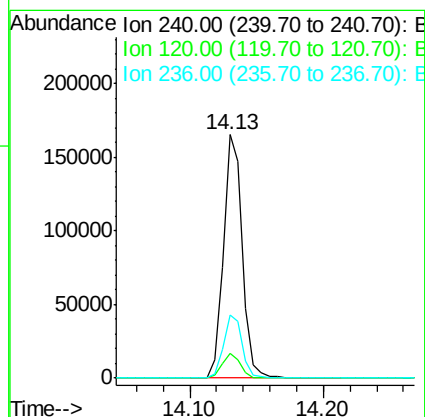
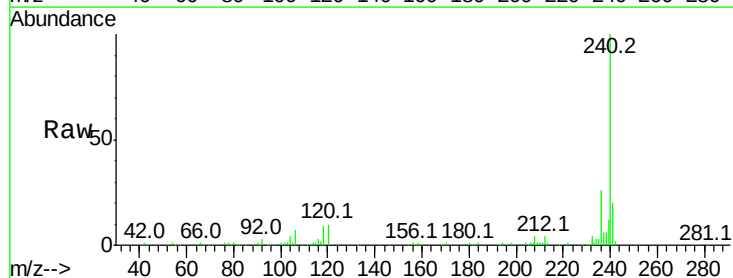
Instrument :
BNA_F
ClientSampleId :
TP-8-D

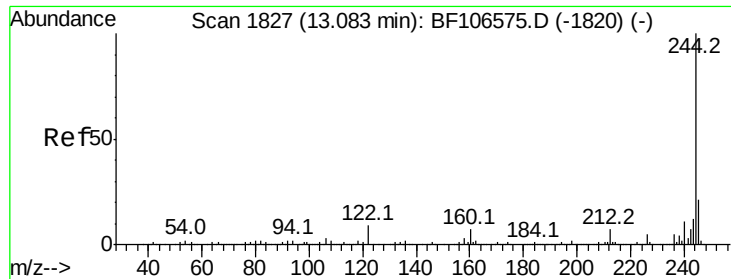
Tot Ion:188 Resp: 155313
Ion Ratio Lower Upper
188 100
94 7.9 8.5 12.7#
80 8.2 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.04 min
Lab File: BF107190.D
Acq: 6 Jul 2018 22:59

Tgt Ion:240 Resp: 164448
Ion Ratio Lower Upper
240 100
120 10.1 9.5 14.3
236 25.9 20.7 31.1

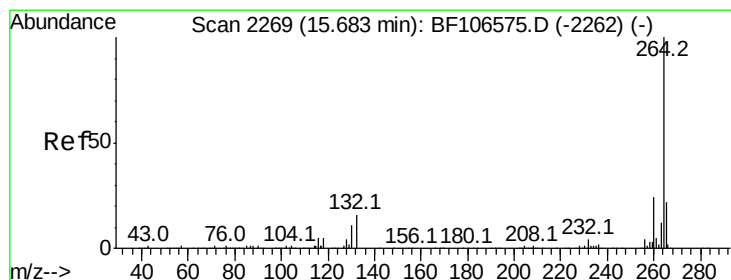
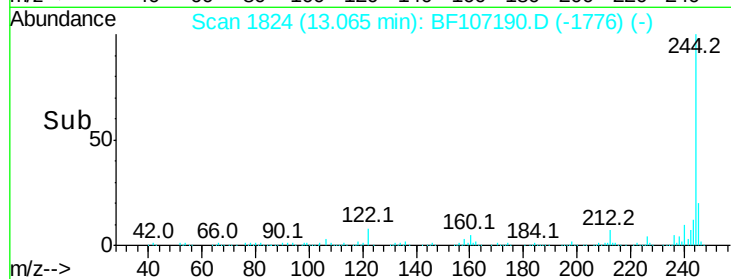
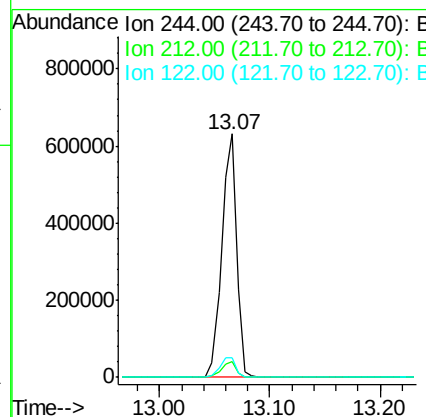
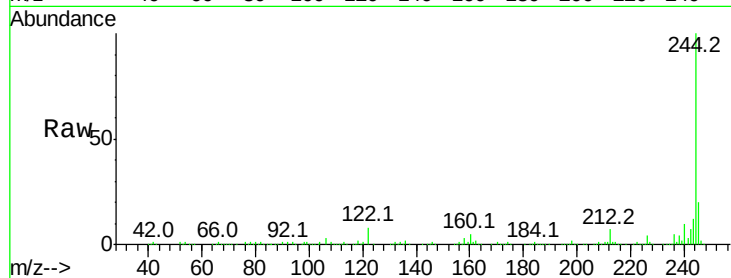




#78
 Terphenyl-d14
 Concen: 86.364 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107190.D
 Acq: 6 Jul 2018 22:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-D

Tot Ion:244 Resp: 586319
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 8.2 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2266
 Delta R.T. -0.05 min
 Lab File: BF107190.D
 Acq: 6 Jul 2018 22:59

Tgt Ion:264 Resp: 120483
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.3 17.5 26.3

