

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
 Data File : BF101970.D
 Acq On : 9 Jan 2018 23:18
 Operator : SJ/JU
 Sample : J1049-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-C

Quant Time: Jan 10 03:37:51 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 15:20:36 2018
 Response via : Initial Calibration

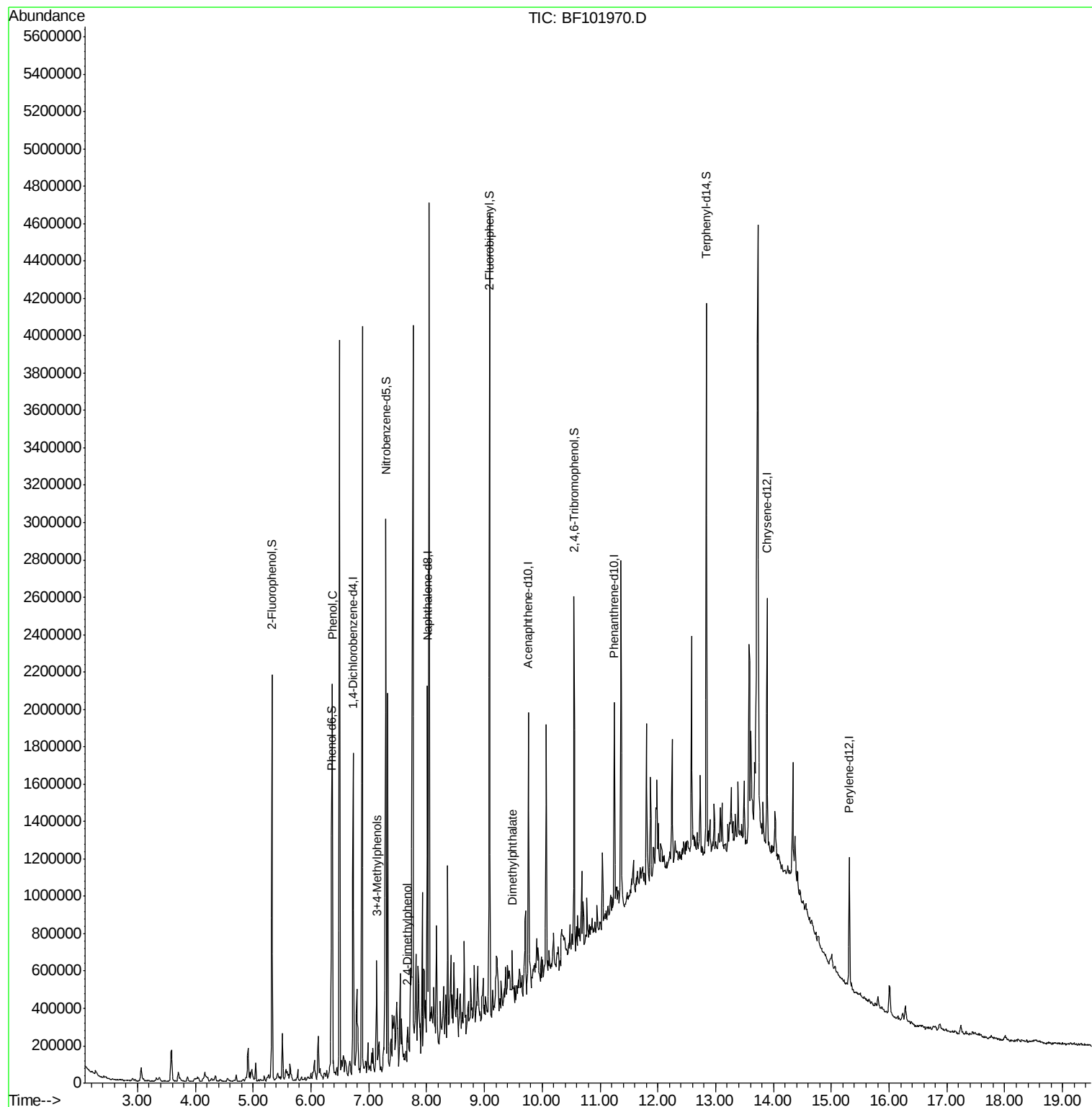
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	218998	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	794564	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	269601	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	413158	20.00	ng	0.00
75) Chrysene-d12	13.89	240	384255	20.00	ng	0.01
86) Perylene-d12	15.31	264	294508	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	595270	38.38	ng	0.00
7) Phenol-d6	6.35	99	407241	22.01	ng	0.00
23) Nitrobenzene-d5	7.29	82	976031	72.18	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	222110	94.40	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1367014	79.22	ng	0.00
78) Terphenyl-d14	12.84	244	1092928	59.05	ng	0.00
Target Compounds						
10) Phenol	6.37	94	584658	27.959	ng	98
20) 3+4-Methylphenols	7.13	107	109005	6.470	ng	97
27) 2,4-Dimethylphenol	7.67	122	42275	3.722	ng	96
49) Dimethylphthalate	9.49	163	78100	3.611	ng	99

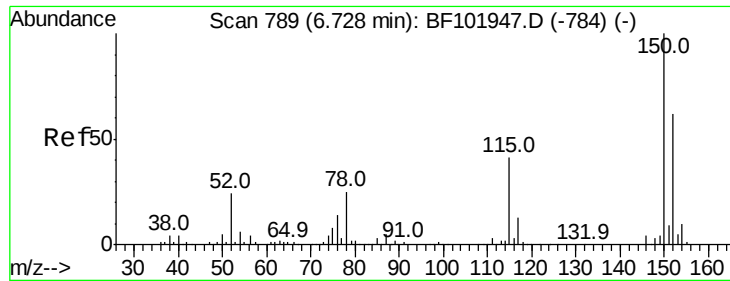
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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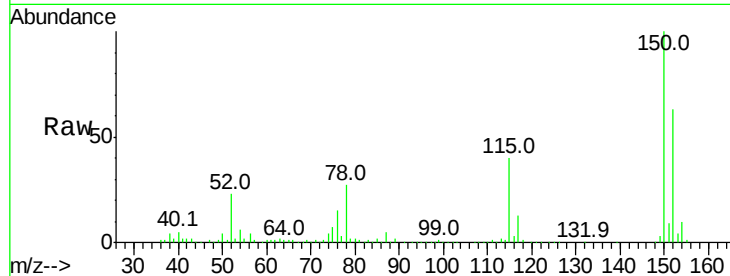


#1

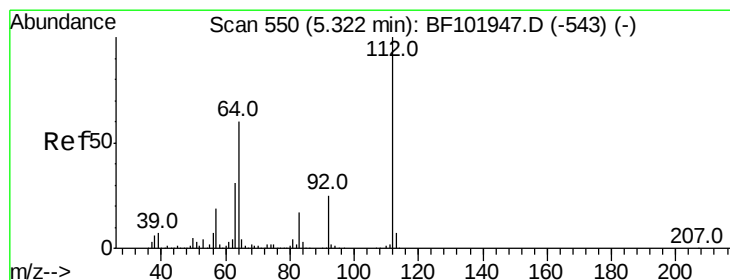
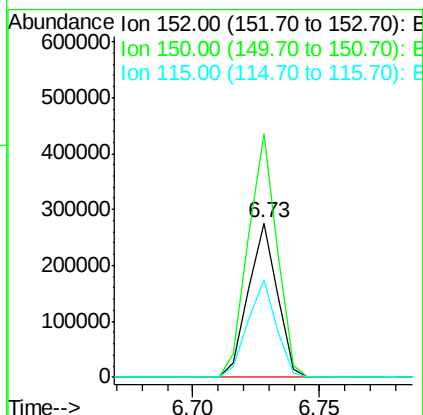
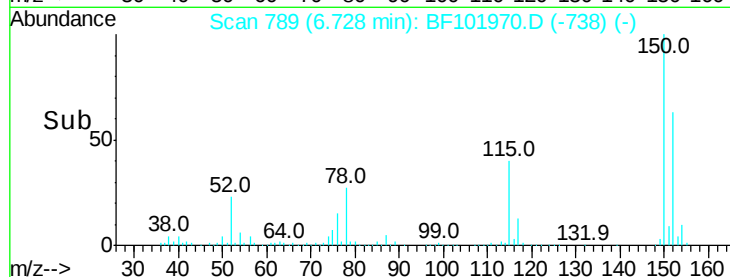
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF101970.D
 Acq: 9 Jan 2018 23:18

Instrument :
 BNA_F
 ClientSampled :
 MW-C

Tot Ion:152 Resp: 218998
 Ion Ratio Lower Upper
 152 100
 150 158.1 124.6 186.8
 115 63.8 50.1 75.1



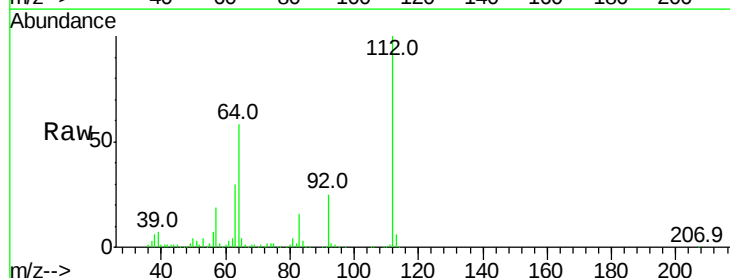
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



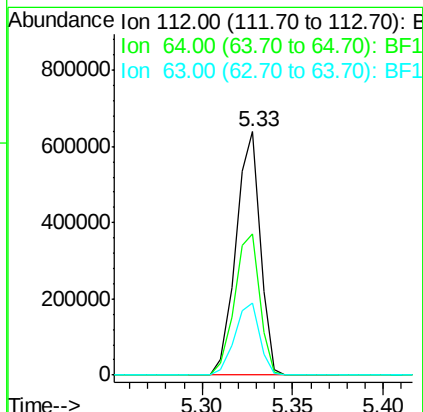
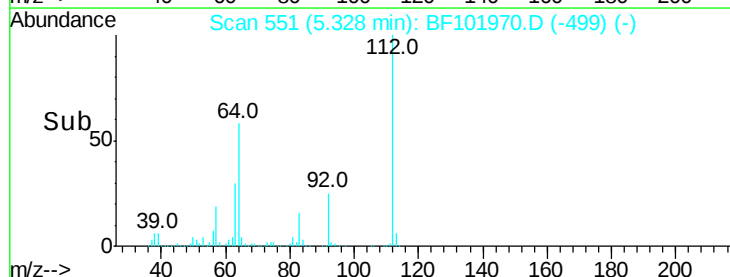
#5

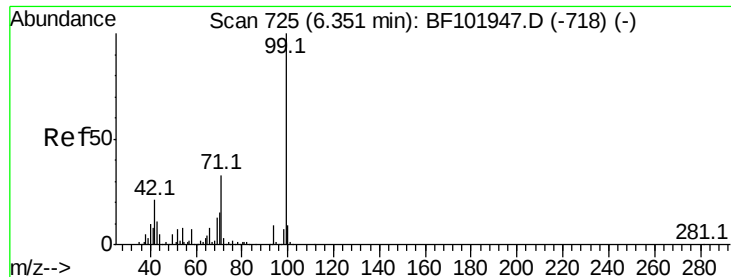
2-Fluorophenol
 Concen: 38.383 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF101970.D
 Acq: 9 Jan 2018 23:18

Tgt Ion:112 Resp: 595270
 Ion Ratio Lower Upper
 112 100
 64 58.1 47.9 71.9
 63 29.6 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: 22.009 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF101970.D

Acq: 9 Jan 2018 23:18

Instrument :

BNA_F

ClientSampleId :

MW-C

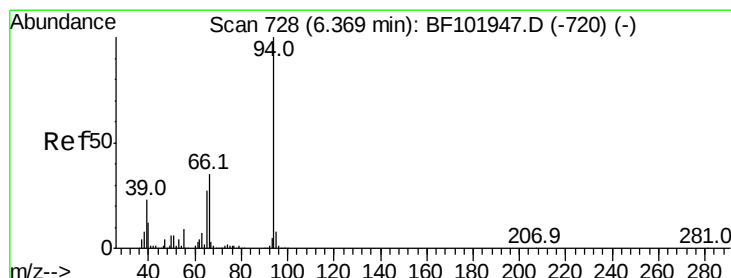
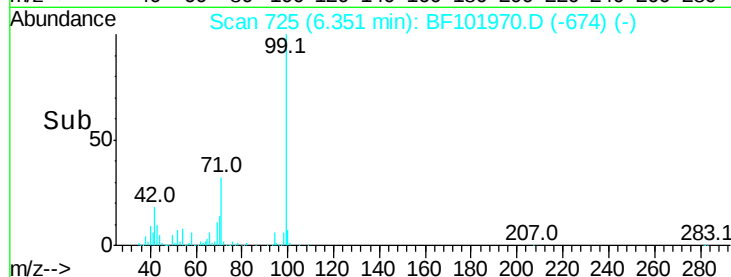
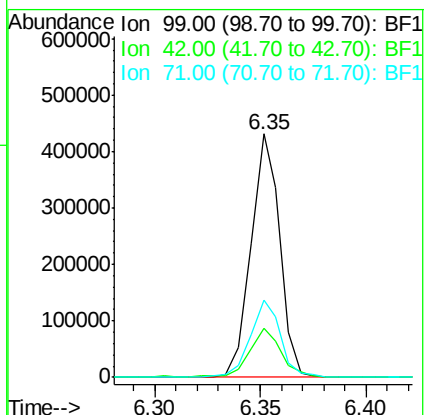
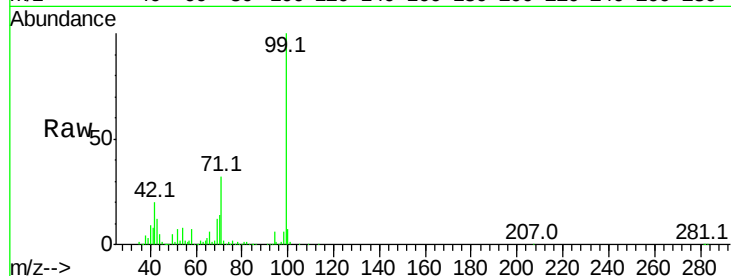
Tot Ion: 99 Resp: 407241

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

71 31.7 25.4 38.0



#10

Phenol

Concen: 27.959 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF101970.D

Acq: 9 Jan 2018 23:18

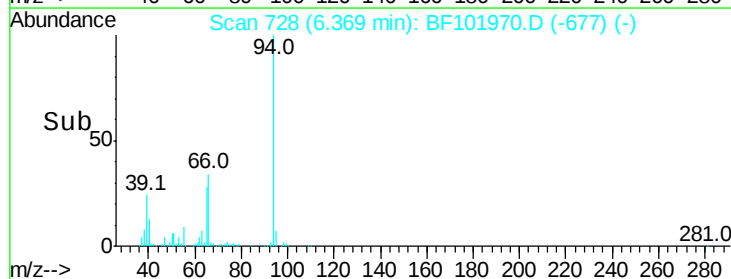
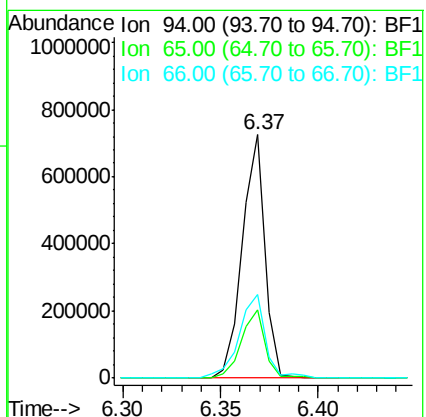
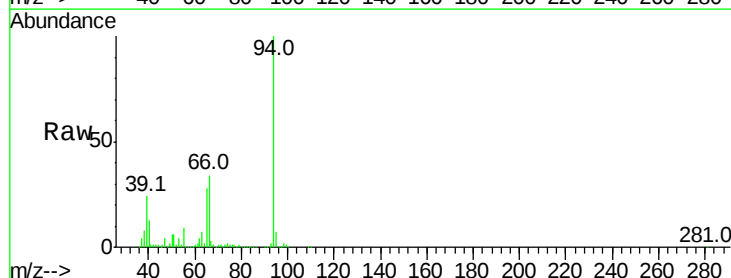
Tgt Ion: 94 Resp: 584658

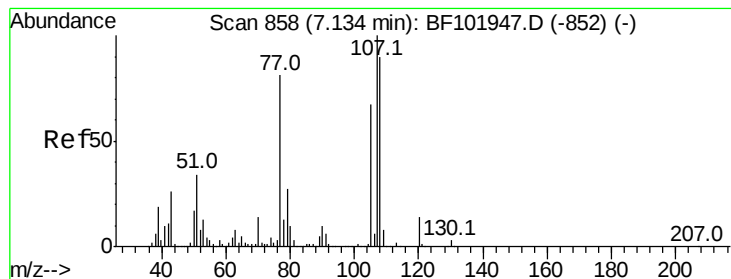
Ion Ratio Lower Upper

94 100

65 28.0 7.9 47.9

66 34.4 16.2 56.2





#20

3+4-Methylphenols

Concen: 6.470 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF101970.D

Acq: 9 Jan 2018 23:18

Instrument :

BNA_F

ClientSampleId :

MW-C

Tot Ion:107 Resp: 109005

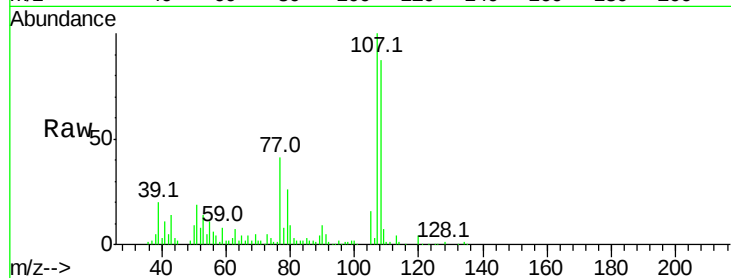
Ion Ratio Lower Upper

107 100

108 86.8 68.2 108.2

77 40.9 26.7 66.7

79 26.0 6.3 46.3

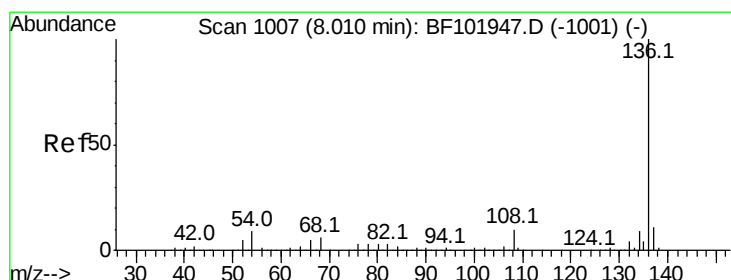
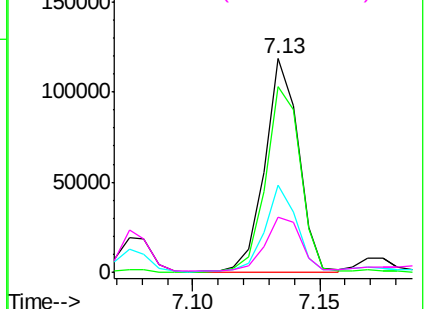
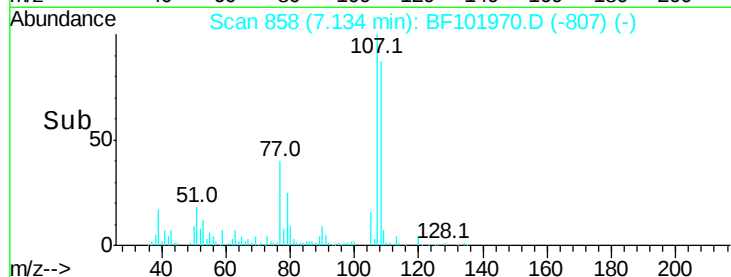


Abundance Ion 107.00 (106.70 to 107.70): E

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: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF101970.D

Acq: 9 Jan 2018 23:18

Tgt Ion:136 Resp: 794564

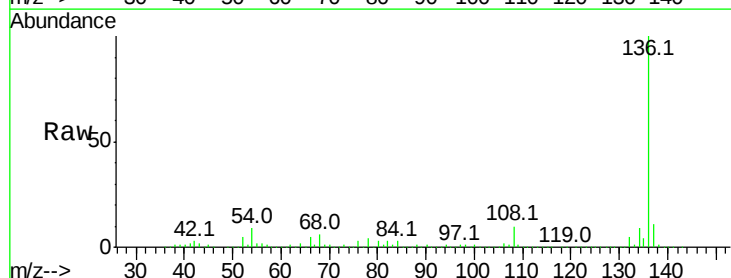
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.0 6.6 9.8

68 6.3 5.0 7.4

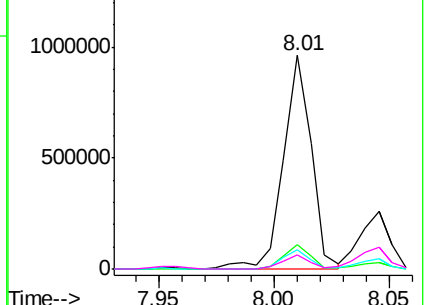
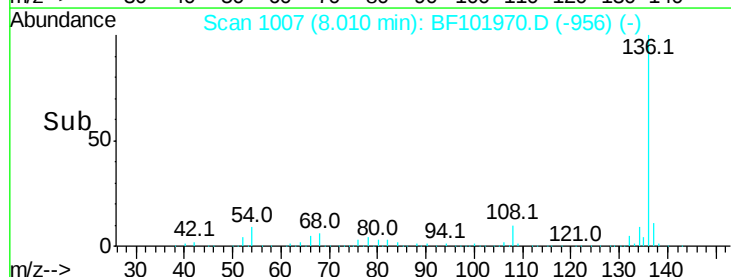


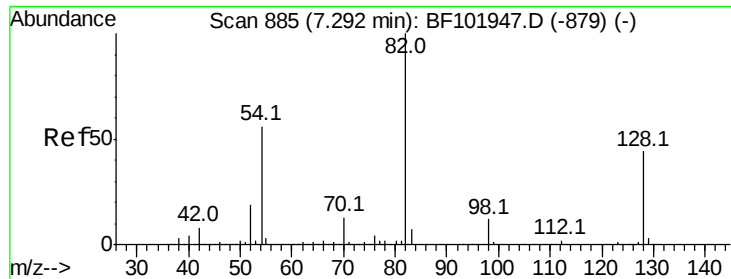
Abundance Ion 136.00 (135.70 to 136.70): E

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

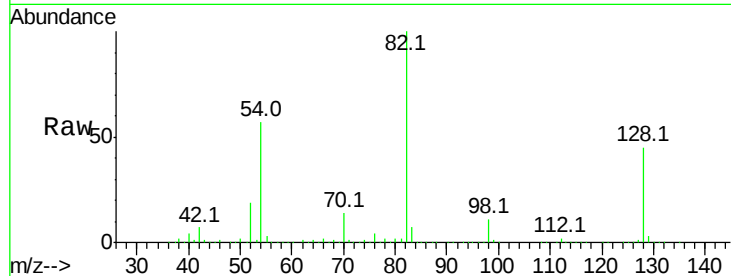




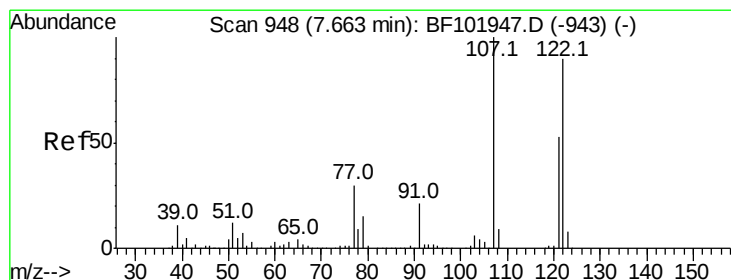
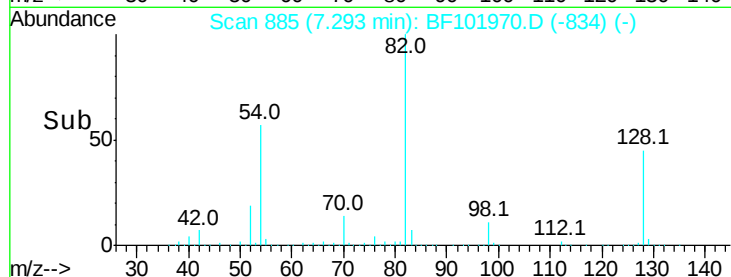
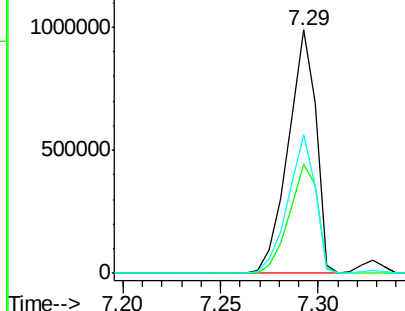
#23
 Nitrobenzene-d5
 Concen: 72.185 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF101970.D
 Acq: 9 Jan 2018 23:18

Instrument :
 BNA_F
 ClientSampleId :
 MW-C

Tot Ion: 82 Resp: 976031
 Ion Ratio Lower Upper
 82 100
 128 44.7 36.1 54.1
 54 56.8 41.4 62.2

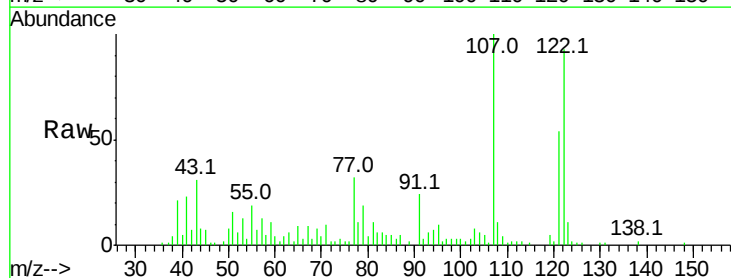


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

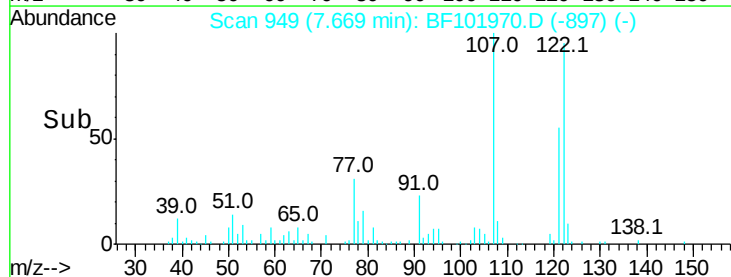
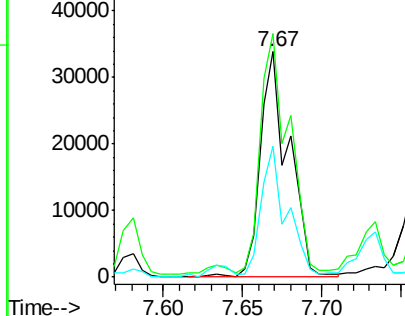


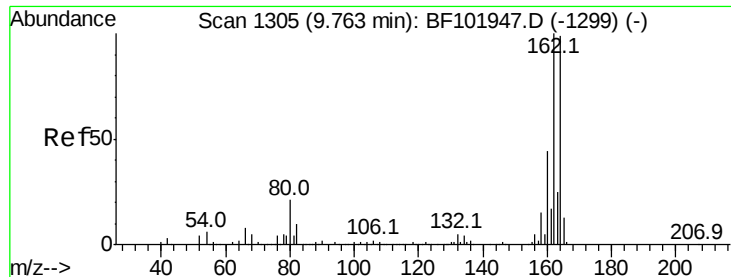
#27
 2,4-Dimethylphenol
 Concen: 3.722 ng
 RT: 7.67 min Scan# 949
 Delta R.T. 0.01 min
 Lab File: BF101970.D
 Acq: 9 Jan 2018 23:18

Tgt Ion:122 Resp: 42275
 Ion Ratio Lower Upper
 122 100
 107 108.0 91.2 136.8
 121 58.2 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): BF1
 Ion 107.00 (106.70 to 107.70): BF1
 Ion 121.00 (120.70 to 121.70): BF1

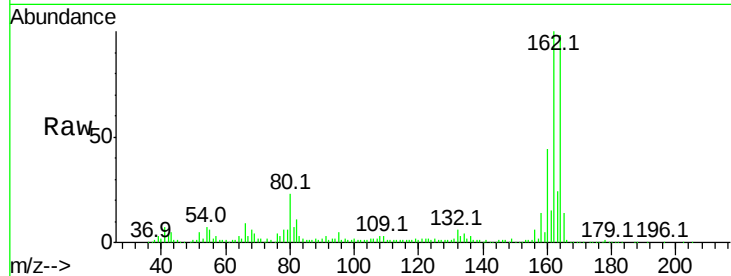




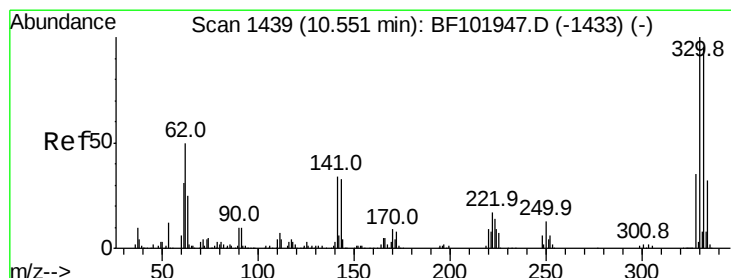
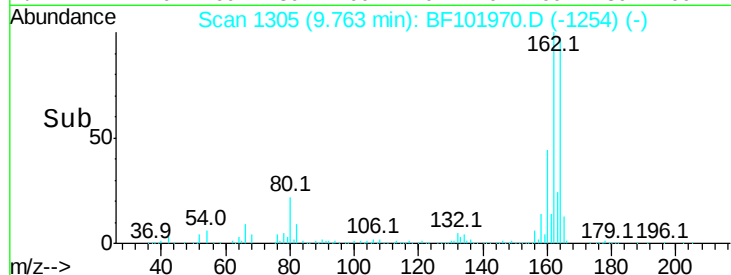
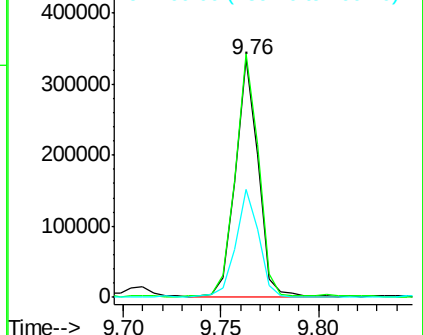
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF101970.D
 Acq: 9 Jan 2018 23:18

Instrument :
 BNA_F
 ClientSampleId :
 MW-C

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	45.3	38.3	57.5

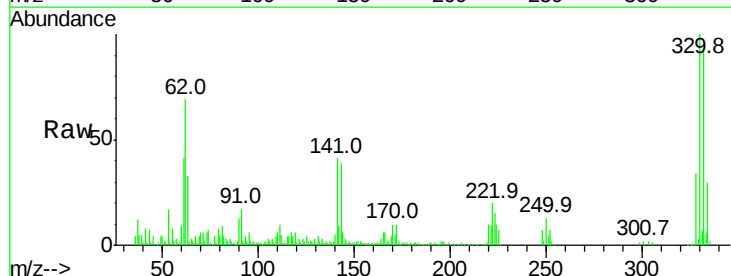


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

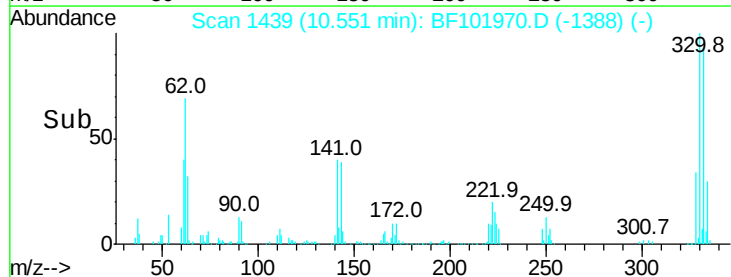
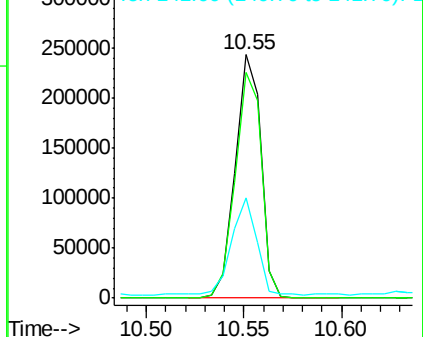


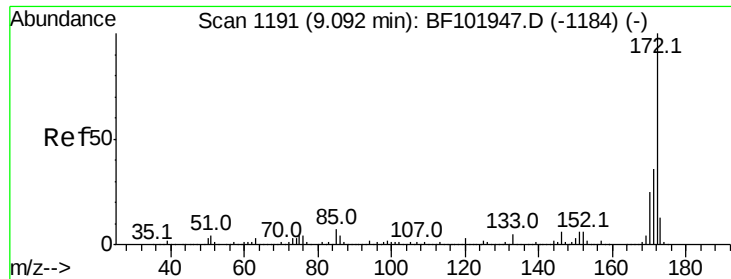
#41
 2,4,6-Tribromophenol
 Concen: 94.403 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF101970.D
 Acq: 9 Jan 2018 23:18

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	39.9	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: 79.215 ng

RT: 9.09 min Scan# 1191

Delta R.T. 0.00 min

Lab File: BF101970.D

Acq: 9 Jan 2018 23:18

Instrument :

BNA_F

ClientSampleId :

MW-C

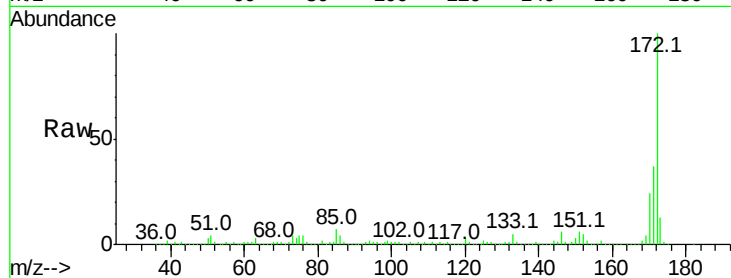
Tot Ion:172 Resp: 1367014

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.5	19.6	29.4

172 100

171 37.1 29.7 44.5

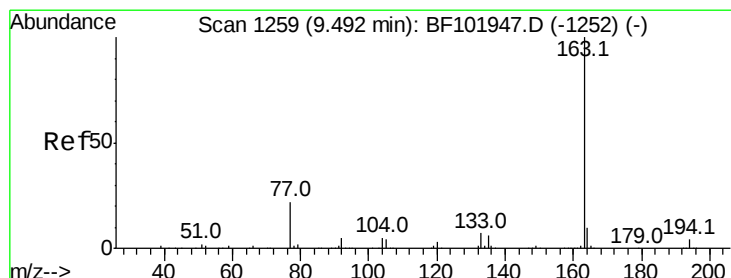
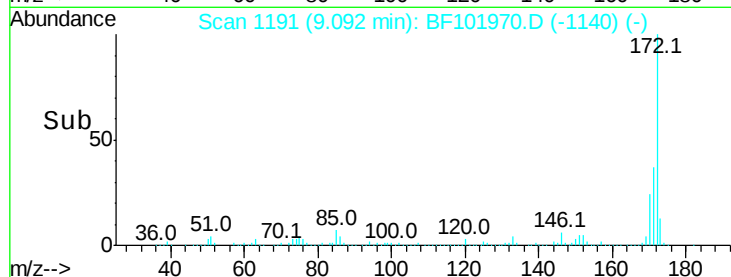
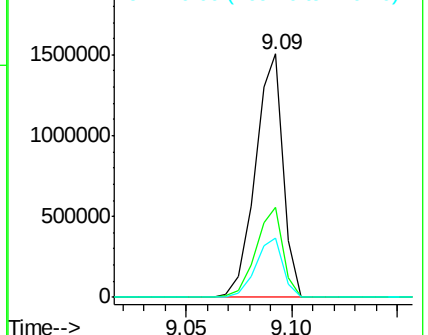
170 24.5 19.6 29.4



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



#49

Dimethylphthalate

Concen: 3.611 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF101970.D

Acq: 9 Jan 2018 23:18

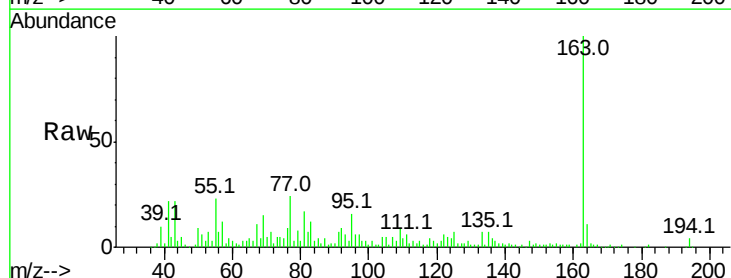
Tgt Ion:163 Resp: 78100

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.8	8.2	12.2

163 100

194 3.5 2.7 4.1

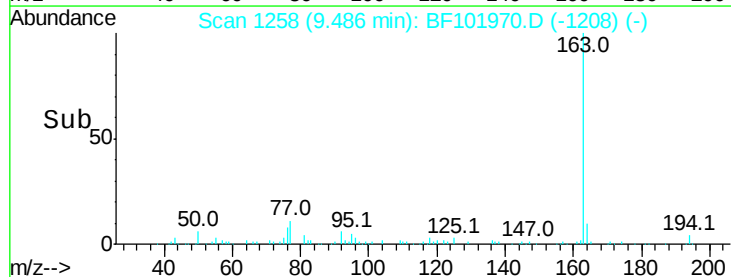
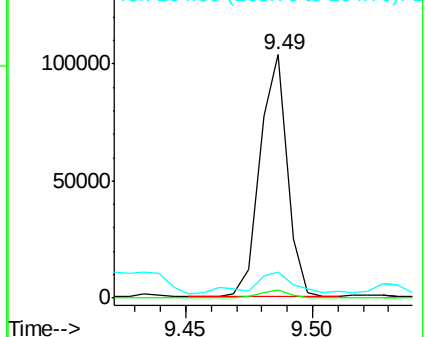
164 10.8 8.2 12.2

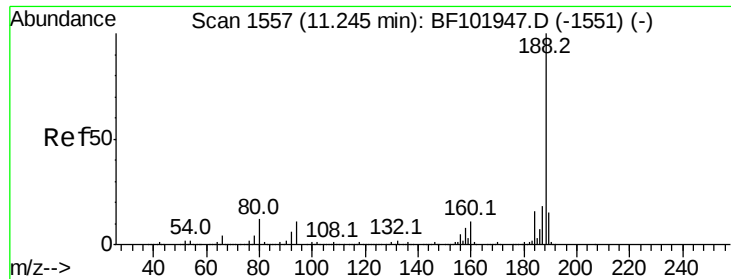


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

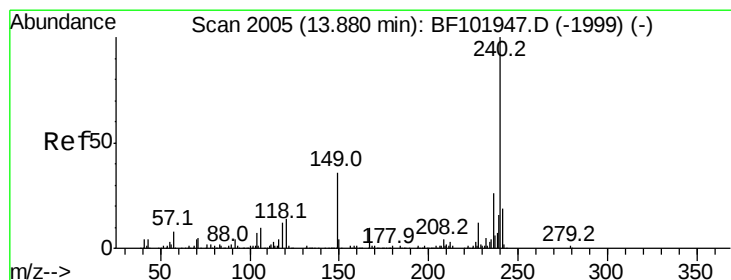
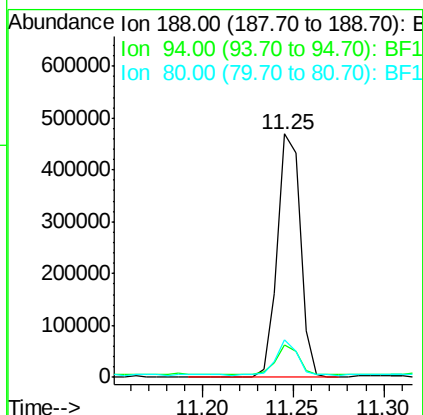
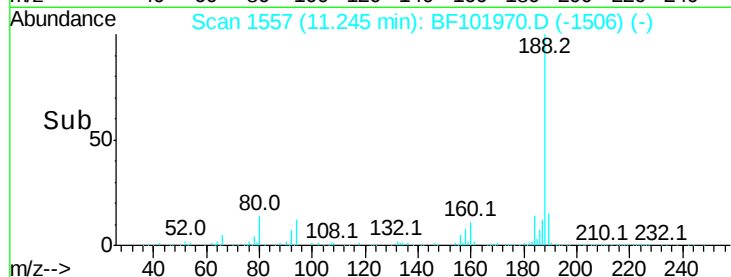
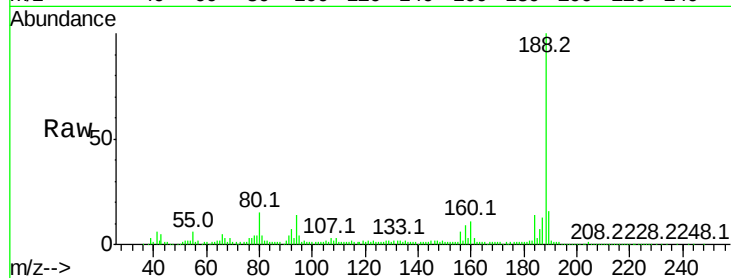




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF101970.D
Acq: 9 Jan 2018 23:18

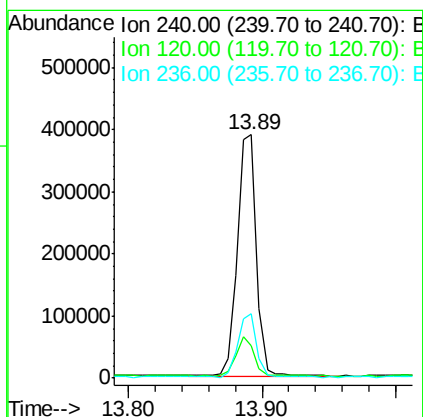
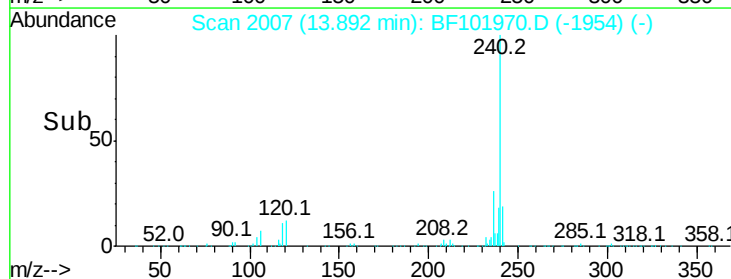
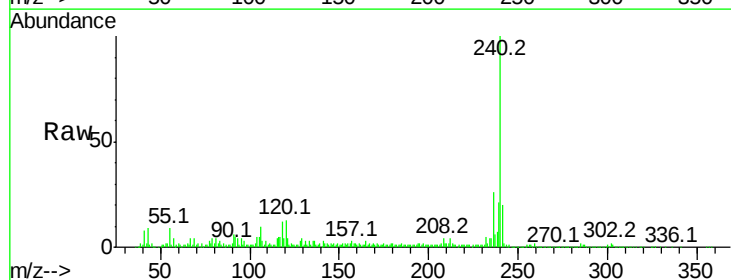
Instrument :
BNA_F
ClientSampleId :
MW-C

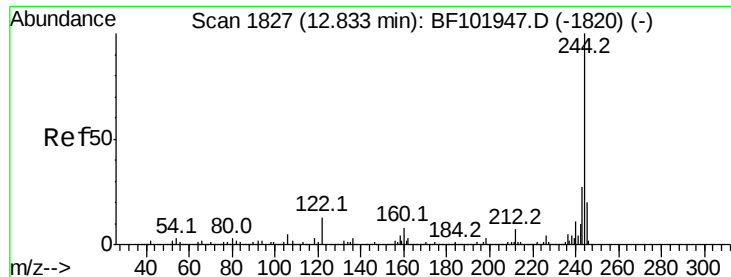
Tot Ion:188 Resp: 413158
Ion Ratio Lower Upper
188 100
94 13.6 8.5 12.7#
80 15.2 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF101970.D
Acq: 9 Jan 2018 23:18

Tgt Ion:240 Resp: 384255
Ion Ratio Lower Upper
240 100
120 13.4 9.5 14.3
236 26.2 20.7 31.1





#78

Terphenyl-d14

Concen: 59.055 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF101970.D

Acq: 9 Jan 2018 23:18

Instrument :

BNA_F

ClientSampleId :

MW-C

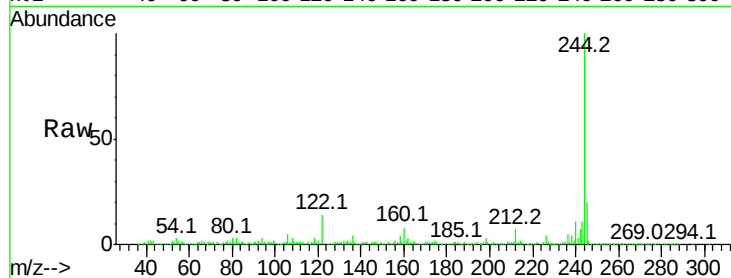
Tot Ion:244 Resp: 1092928

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.1	11.0	16.4

244 100

212 7.0 5.4 8.0

122 14.1 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

12.84

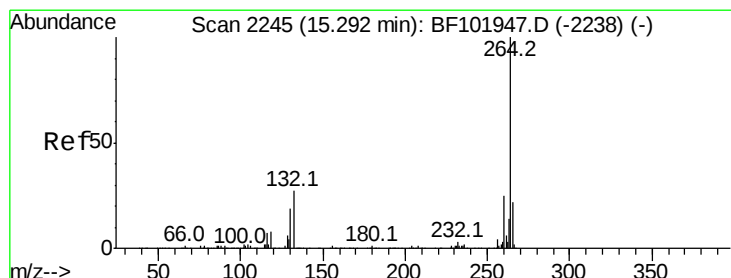
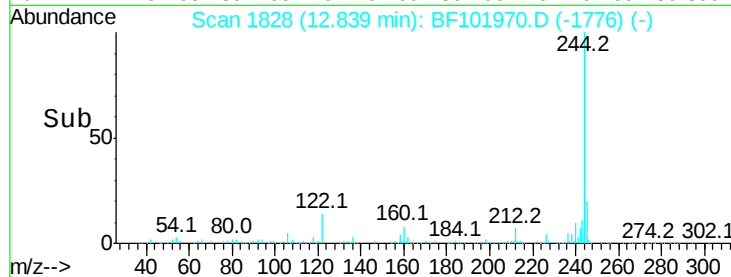
1000000

500000

0

Time-->

12.80 12.85 12.90



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.31 min Scan# 2248

Delta R.T. 0.02 min

Lab File: BF101970.D

Acq: 9 Jan 2018 23:18

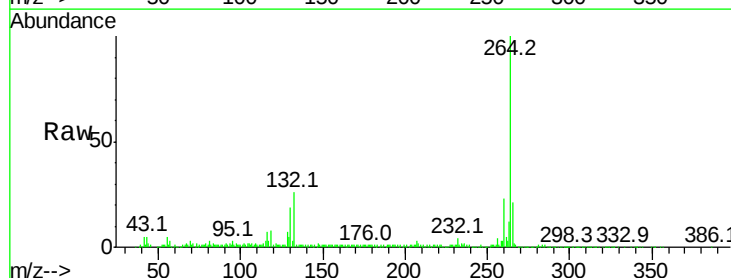
Tgt Ion:264 Resp: 294508

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.4	17.5	26.3

264 100

260 23.5 19.2 28.8

265 21.4 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

15.31

300000

200000

100000

0

Time-->

15.25 15.30 15.35 15.40

