

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
 Data File : BF103942.D
 Acq On : 26 Mar 2018 22:59
 Operator : JU/SJ
 Sample : J2044-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-LOC#2

Quant Time: Mar 27 08:26:12 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

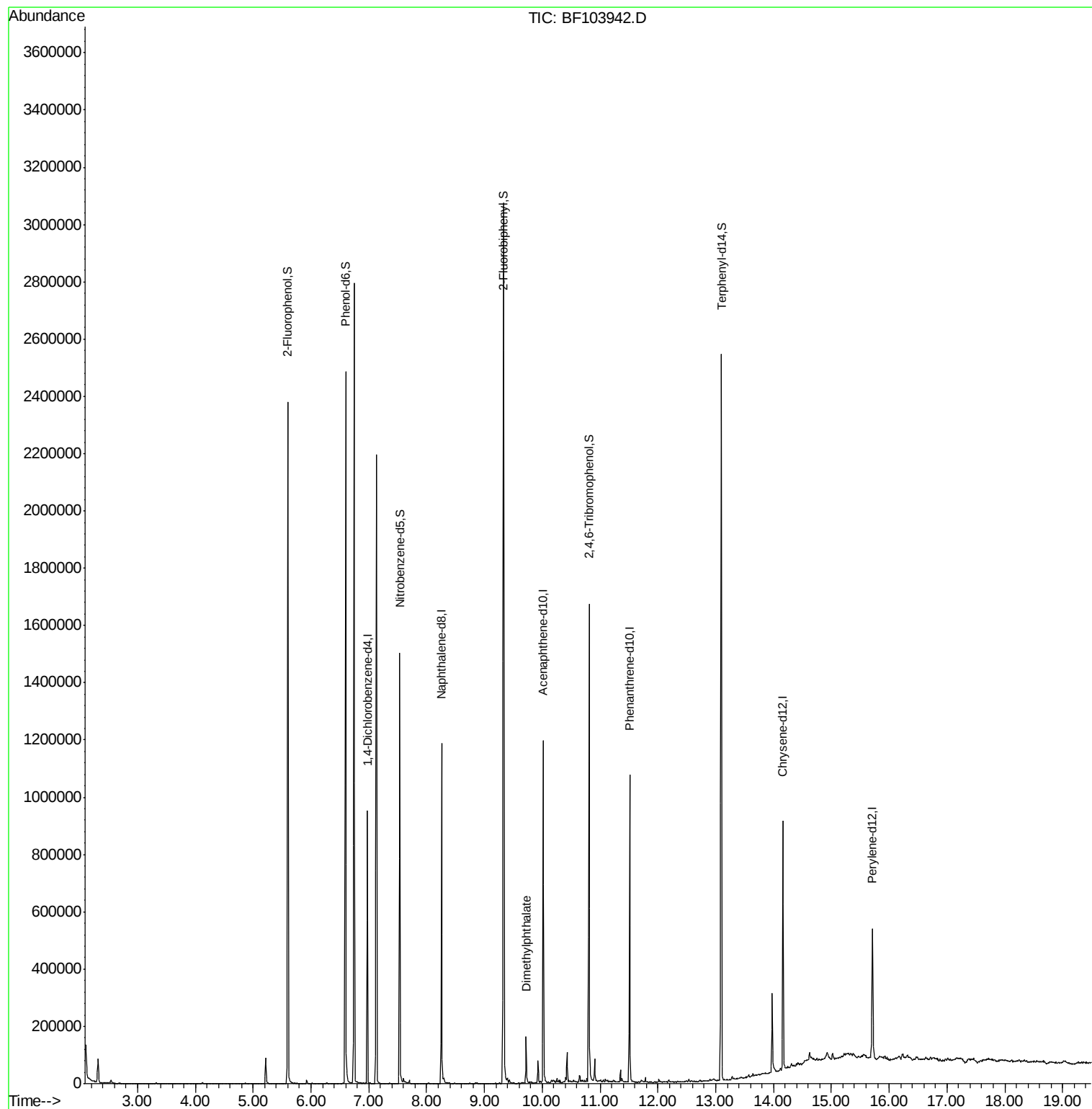
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	128185	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	494041	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	231793	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	376550	20.00	ng	0.00
75) Chrysene-d12	14.16	240	280677	20.00	ng	0.00
86) Perylene-d12	15.71	264	227367	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	751634	89.19	ng	0.00
7) Phenol-d6	6.60	99	906475	87.92	ng	0.00
23) Nitrobenzene-d5	7.53	82	538720	76.04	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	219465	110.12	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1021892	70.32	ng	0.00
78) Terphenyl-d14	13.10	244	862910	71.36	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.72	163	77666	4.392	ng	99

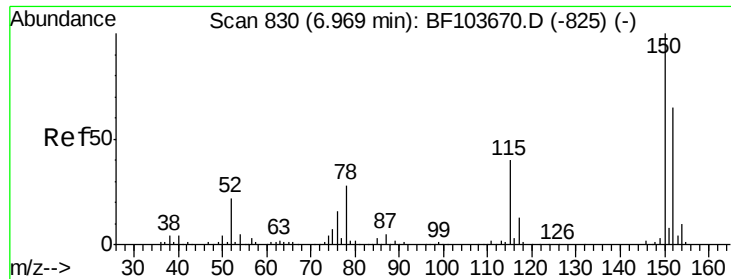
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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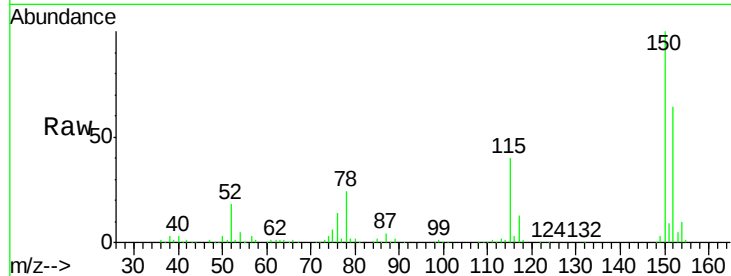


#1

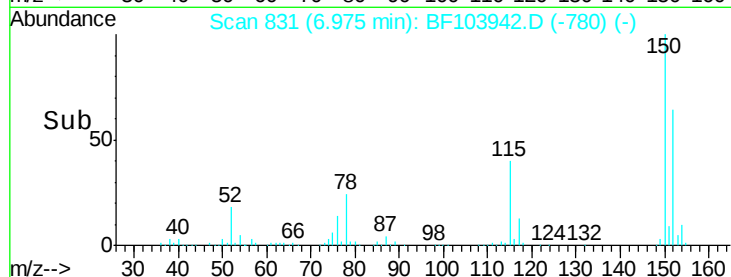
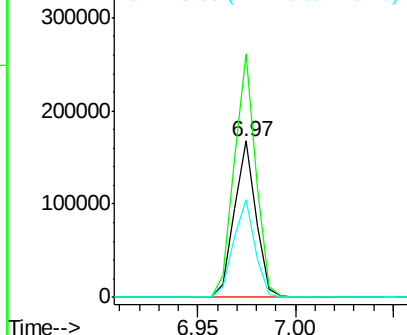
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103942.D
Acq: 26 Mar 2018 22:59

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-LOC#2

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	62.3	50.1	75.1



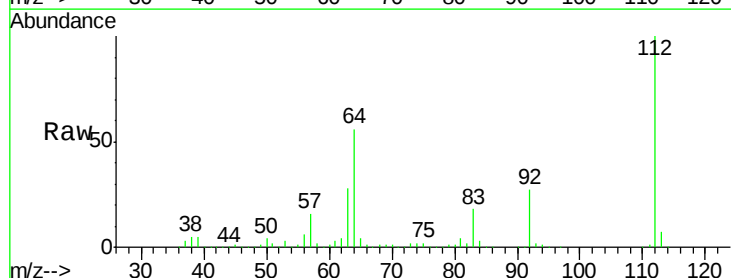
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



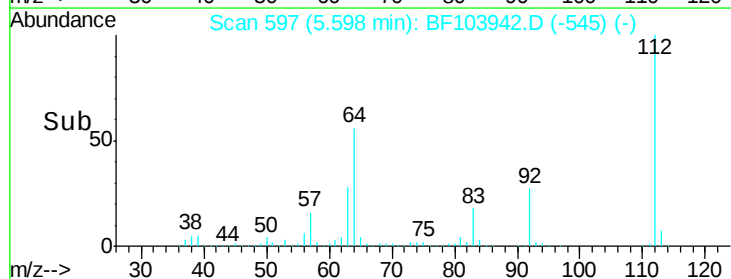
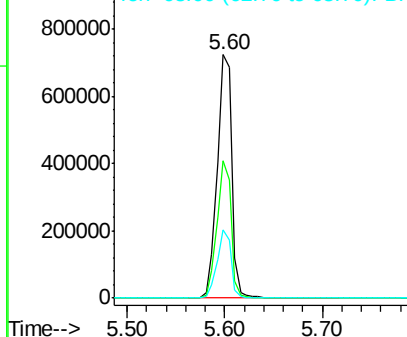
#5

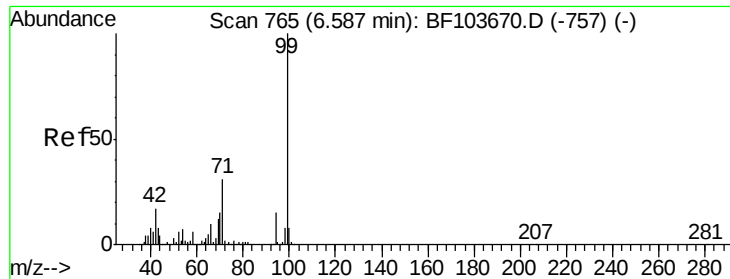
2-Fluorophenol
Concen: 89.186 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF103942.D
Acq: 26 Mar 2018 22:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	47.9	71.9
63	27.9	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: 87.916 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF103942.D

Acq: 26 Mar 2018 22:59

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-LOC#2

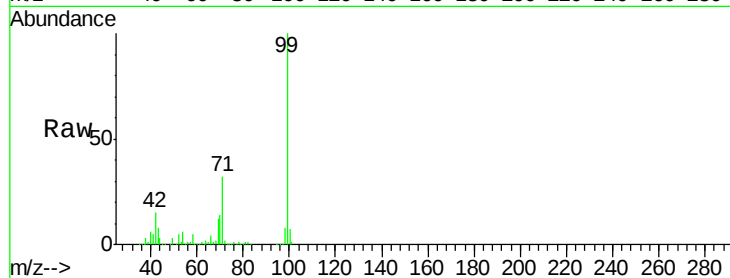
Tot Ion: 99 Resp: 906475

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

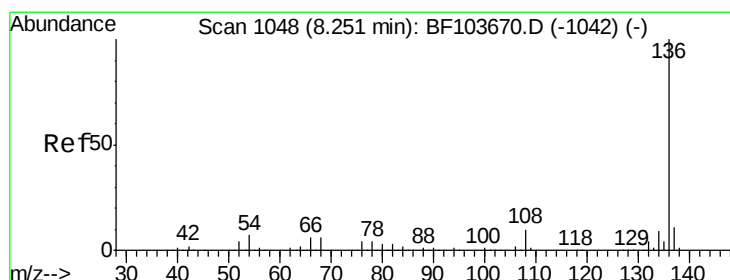
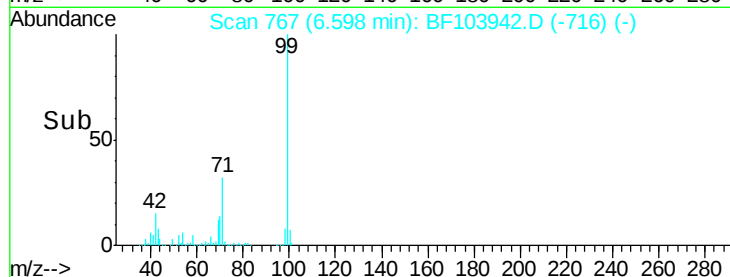
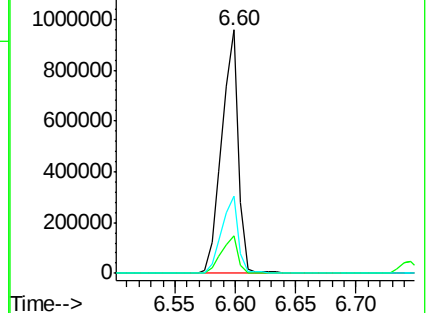
71 31.8 25.4 38.0



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: 8.26 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF103942.D

Acq: 26 Mar 2018 22:59

Tgt Ion: 136 Resp: 494041

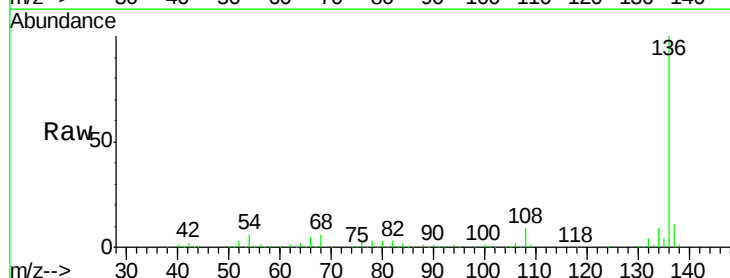
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.5 6.6 9.8#

68 6.0 5.0 7.4

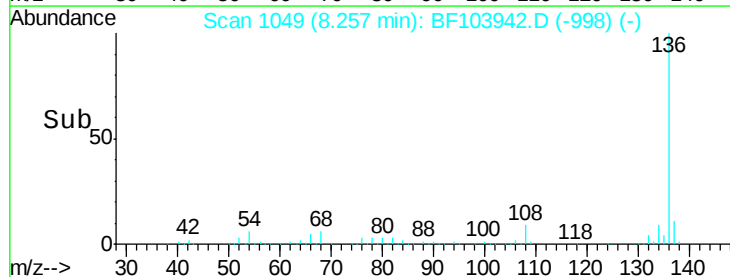
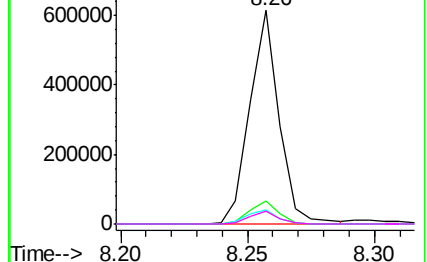


Abundance Ion 136.00 (135.70 to 136.70): E

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

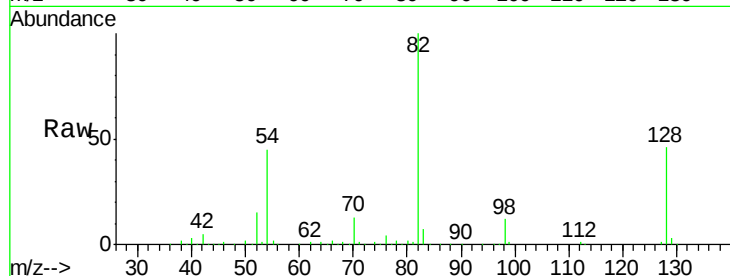




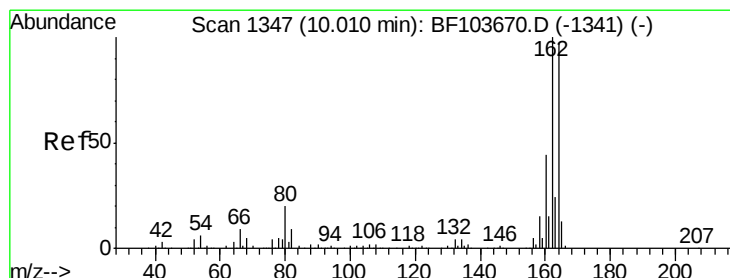
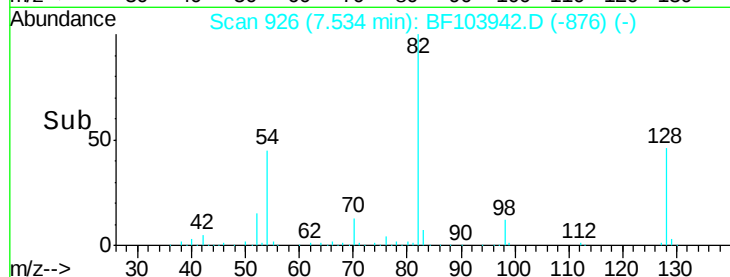
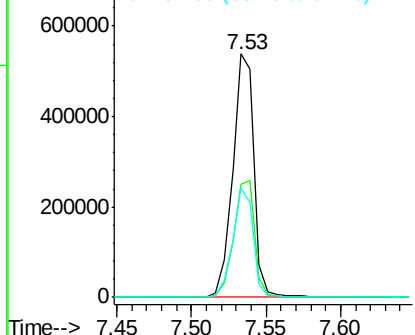
#23
 Nitrobenzene-d5
 Concen: 76.043 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BF103942.D
 Acq: 26 Mar 2018 22:59

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-LOC#2

Tot Ion: 82 Resp: 538720
 Ion Ratio Lower Upper
 82 100
 128 46.3 36.1 54.1
 54 44.7 41.4 62.2

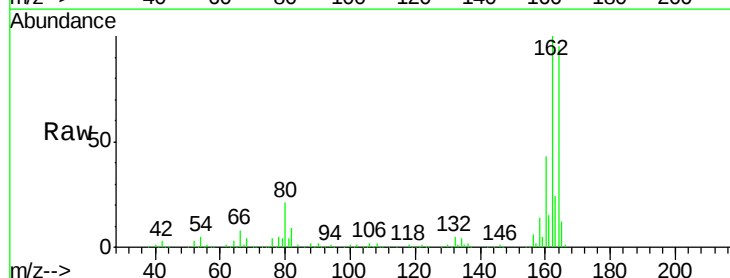


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

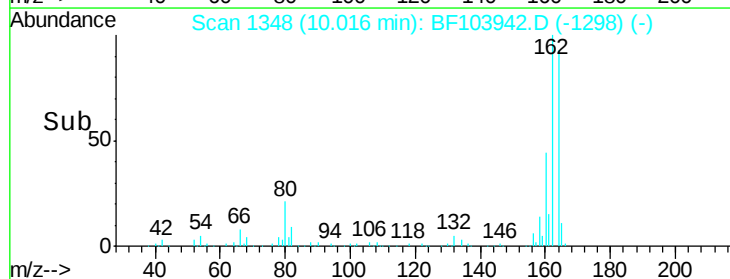
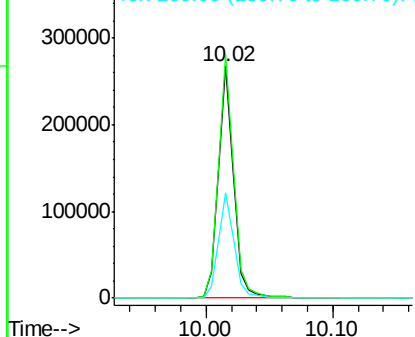


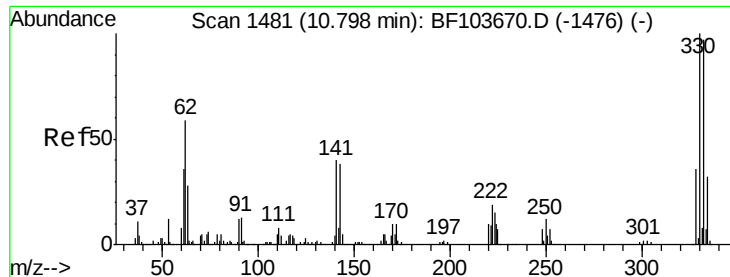
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF103942.D
 Acq: 26 Mar 2018 22:59

Tgt Ion: 164 Resp: 231793
 Ion Ratio Lower Upper
 164 100
 162 105.2 86.1 129.1
 160 45.7 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: 110.120 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BF103942.D

Acq: 26 Mar 2018 22:59

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-LOC#2

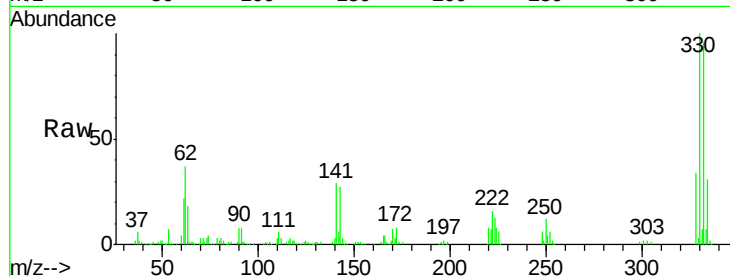
Tot Ion:330 Resp: 219465

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

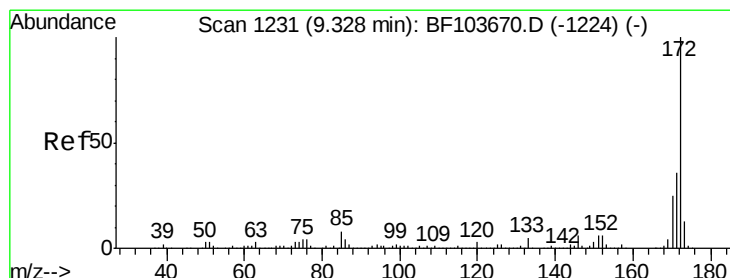
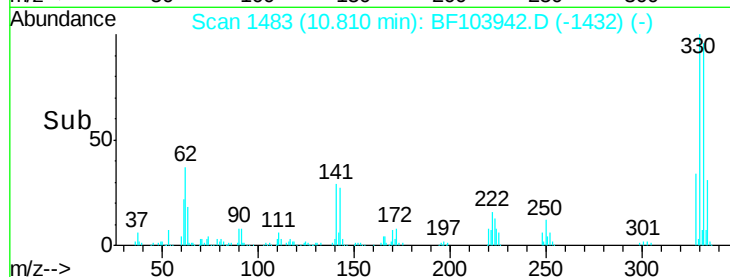
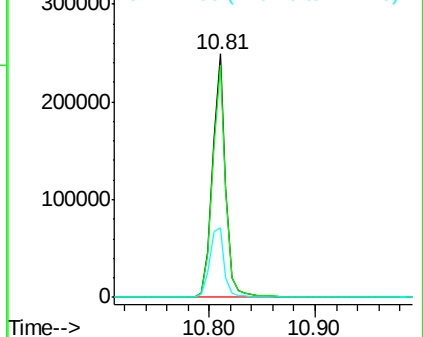
141 32.1 29.9 44.9



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: 70.324 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF103942.D

Acq: 26 Mar 2018 22:59

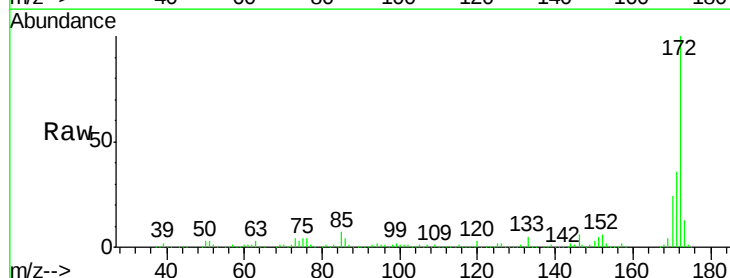
Tgt Ion:172 Resp: 1021892

Ion Ratio Lower Upper

172 100

171 36.3 29.7 44.5

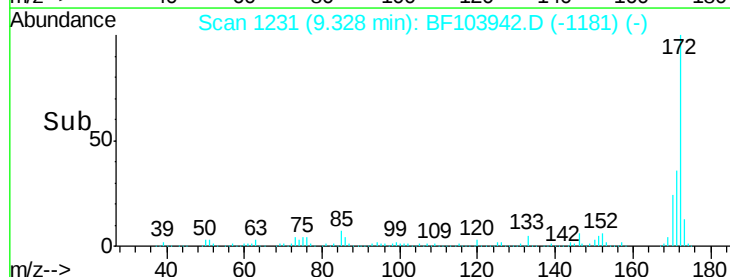
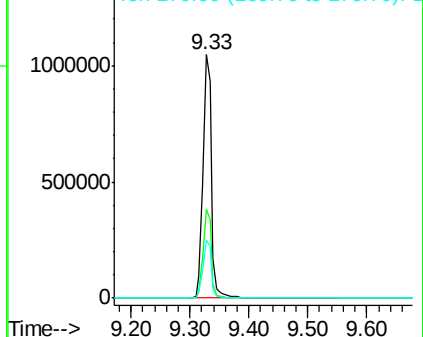
170 23.7 19.6 29.4

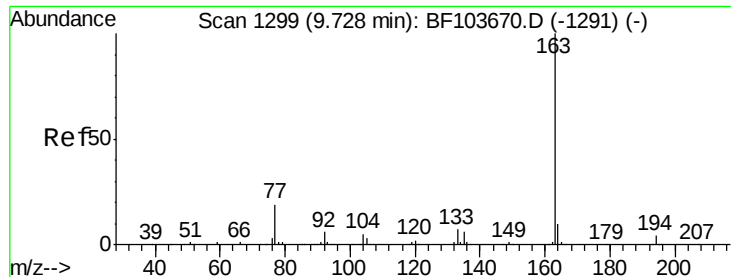


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 4.392 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF103942.D

Acq: 26 Mar 2018 22:59

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-LOC#2

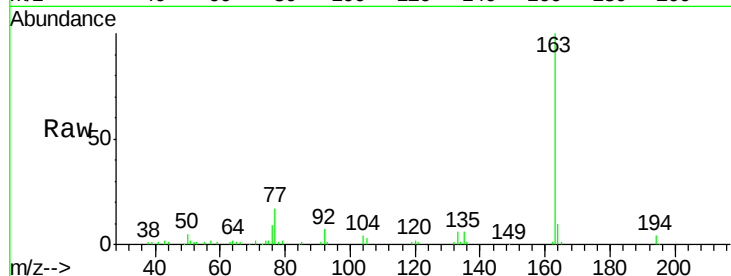
Tot Ion:163 Resp: 77666

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

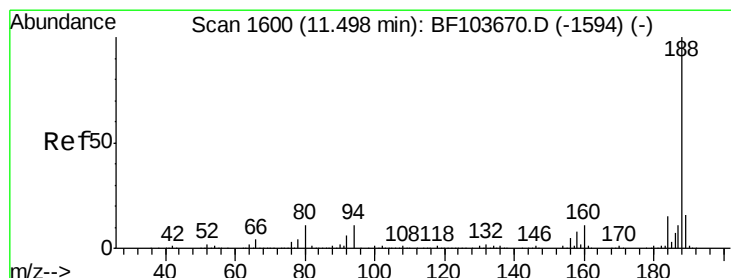
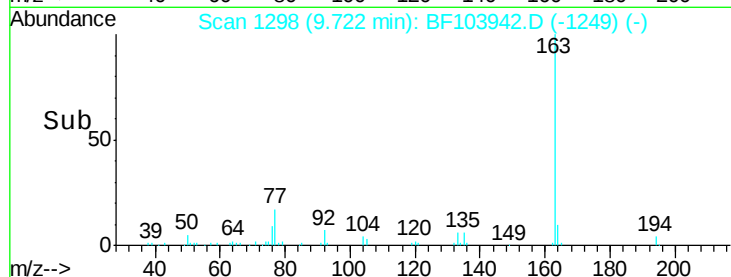
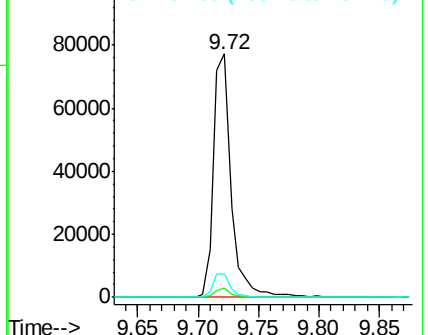
164 9.7 8.2 12.2



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: 11.51 min Scan# 1602

Delta R.T. -0.00 min

Lab File: BF103942.D

Acq: 26 Mar 2018 22:59

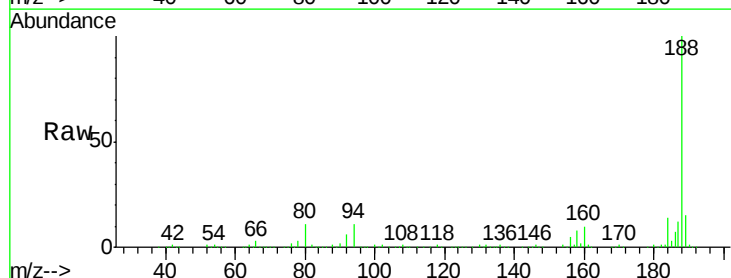
Tgt Ion:188 Resp: 376550

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

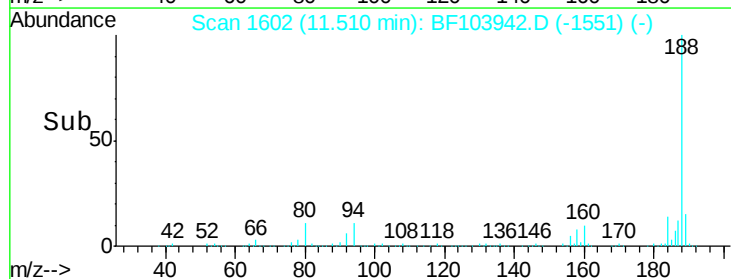
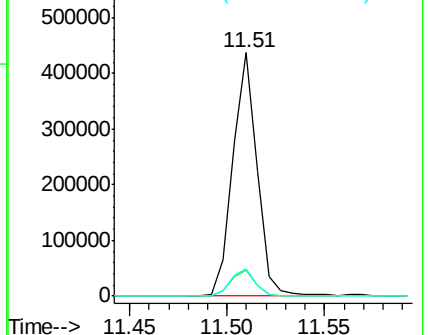
80 11.2 9.2 13.8

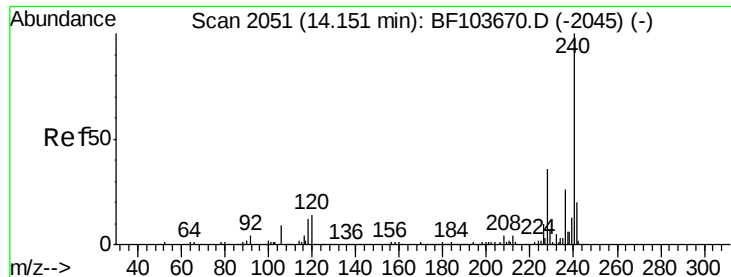


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BF103942.D

Acq: 26 Mar 2018 22:59

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-LOC#2

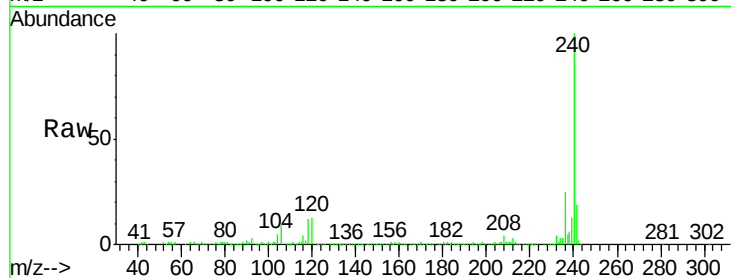
Tot Ion:240 Resp: 280677

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

236 25.2 20.7 31.1

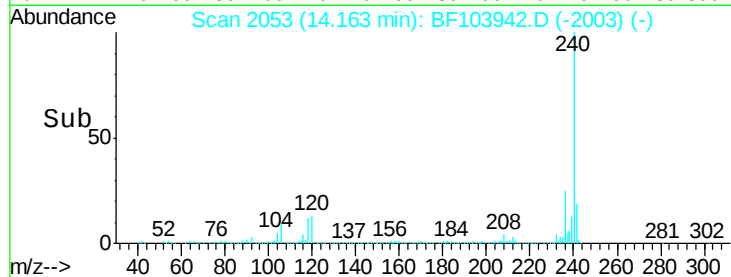


Abundance Ion 240.00 (239.70 to 240.70): E

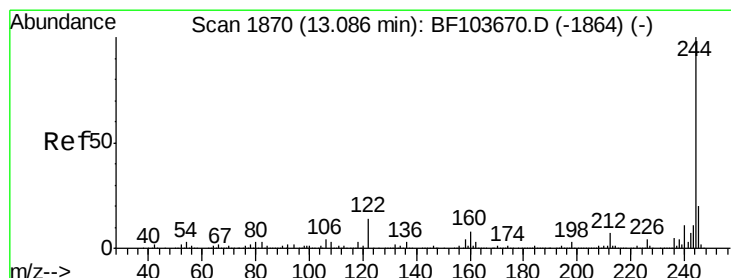
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.16



Time-->



#78

Terphenyl-d14

Concen: 71.361 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BF103942.D

Acq: 26 Mar 2018 22:59

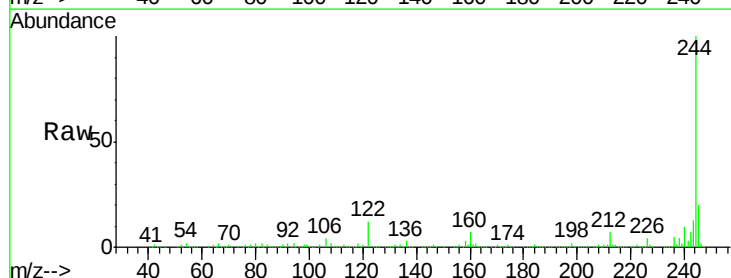
Tgt Ion:244 Resp: 862910

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

122 11.8 11.0 16.4

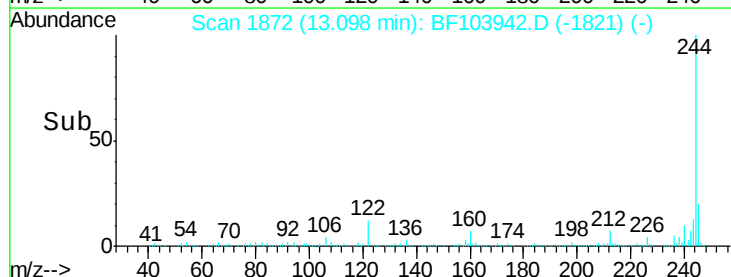


Abundance Ion 244.00 (243.70 to 244.70): E

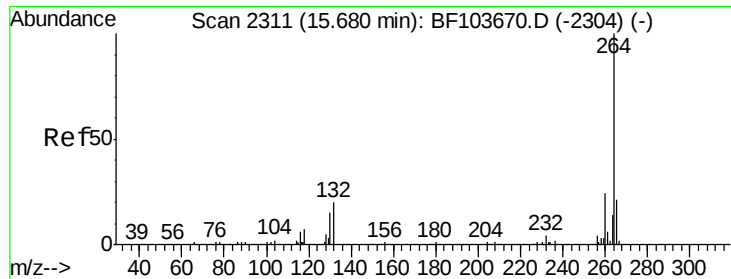
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

13.10



Time-->



#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BF103942.D
Acq: 26 Mar 2018 22:59

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-LOC#2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.8	17.5	26.3

