

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032018\
 Data File : BF103819.D
 Acq On : 20 Mar 2018 22:48
 Operator : JU/SJ
 Sample : J1966-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-2

Quant Time: Mar 21 12:55:37 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

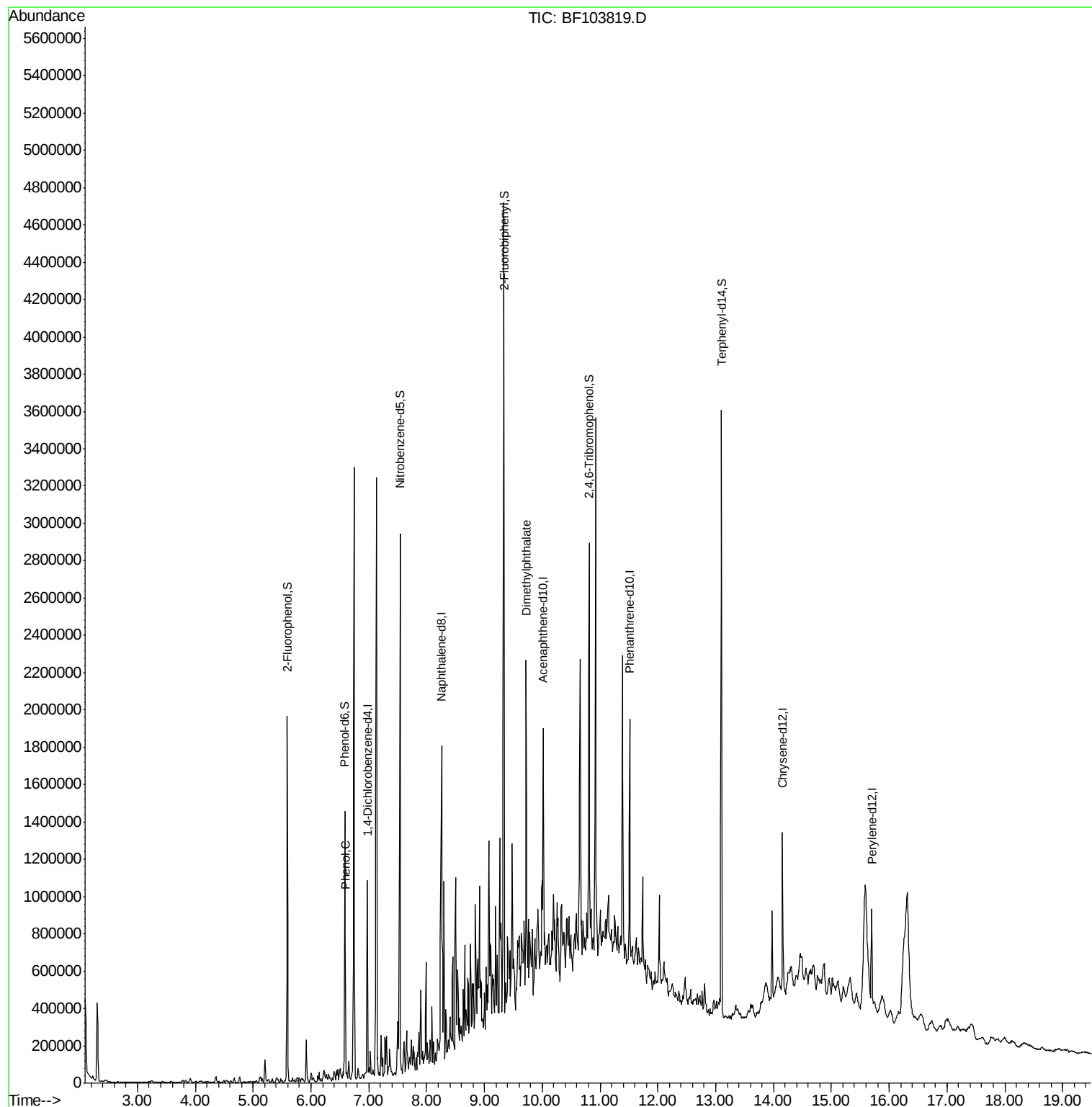
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	154115	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	640127	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	262618	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	420714	20.00	ng	0.01
75) Chrysene-d12	14.16	240	304266	20.00	ng	0.00
86) Perylene-d12	15.70	264	247186	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	541683	53.46	ng	0.01
7) Phenol-d6	6.59	99	444044	35.82	ng	0.00
23) Nitrobenzene-d5	7.54	82	891343	97.10	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	343216	152.00	ng	0.02
44) 2-Fluorobiphenyl	9.33	172	1483610	90.11	ng	0.00
78) Terphenyl-d14	13.10	244	1196840	91.30	ng	0.01
Target Compounds						
10) Phenol	6.60	94	27114	2.058	ng	100
49) Dimethylphthalate	9.72	163	74142	3.700	ng	# 94

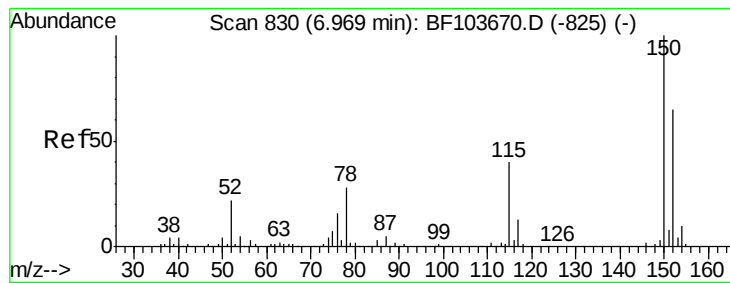
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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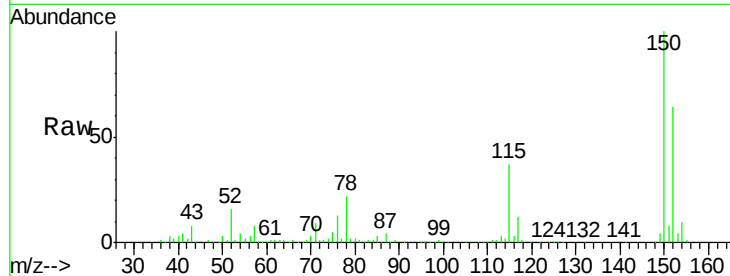


#1

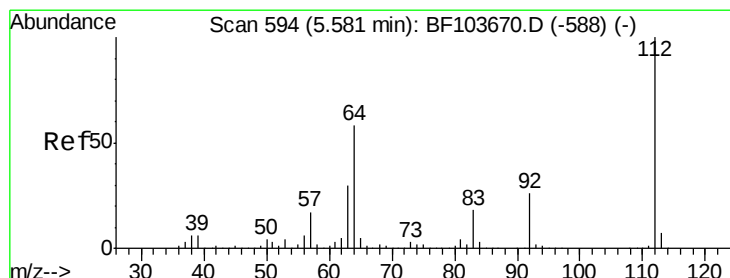
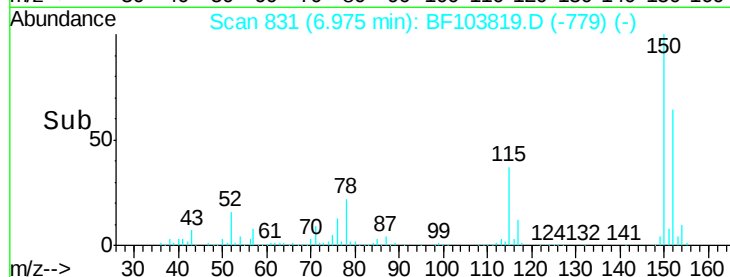
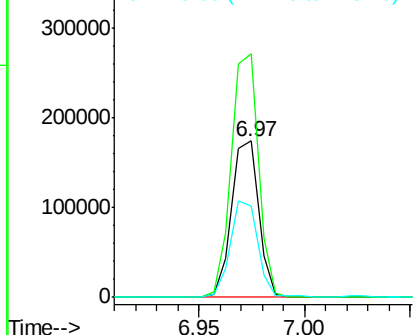
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF103819.D
Acq: 20 Mar 2018 22:48

Instrument :
BNA_F
ClientSampleId :
FRAC-2

Tot Ion:152 Resp: 154115
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 58.3 50.1 75.1



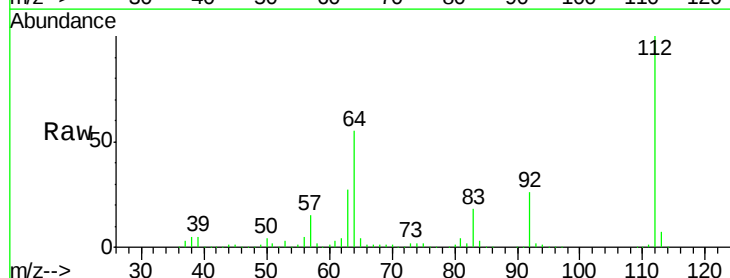
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



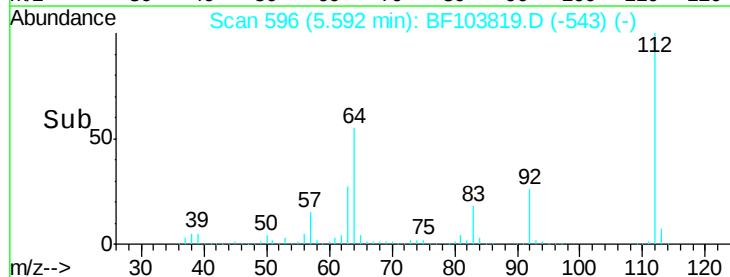
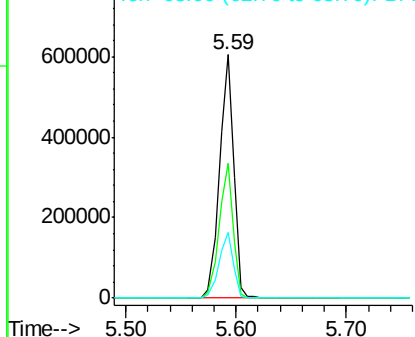
#5

2-Fluorophenol
Concen: 53.460 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF103819.D
Acq: 20 Mar 2018 22:48

Tgt Ion:112 Resp: 541683
Ion Ratio Lower Upper
112 100
64 55.2 47.9 71.9
63 26.9 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: 35.820 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF103819.D

Acq: 20 Mar 2018 22:48

Instrument :

BNA_F

ClientSampleId :

FRAC-2

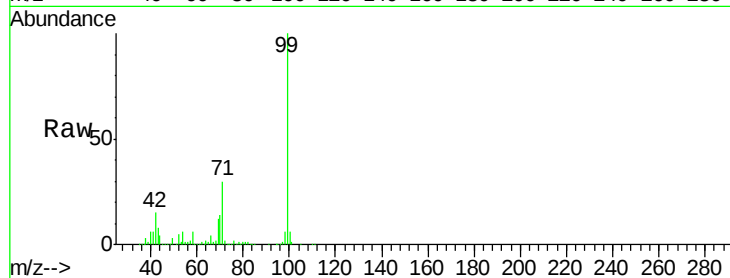
Tot Ion: 99 Resp: 444044

Ion Ratio Lower Upper

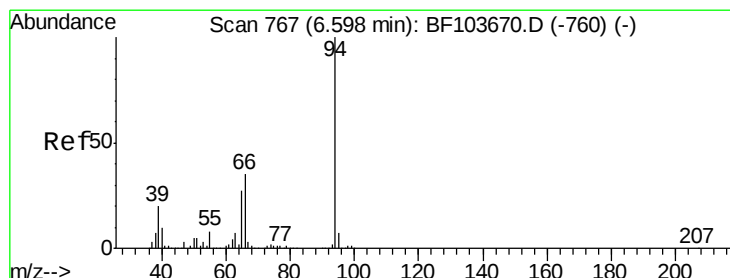
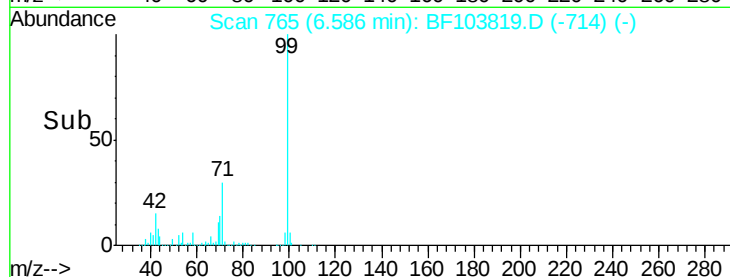
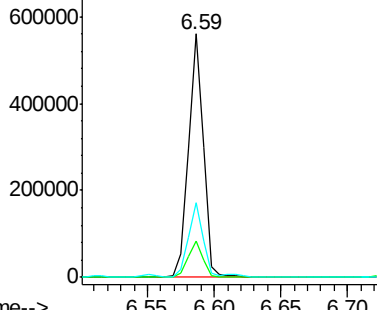
99 100

42 14.8 14.5 21.7

71 30.5 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: 2.058 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF103819.D

Acq: 20 Mar 2018 22:48

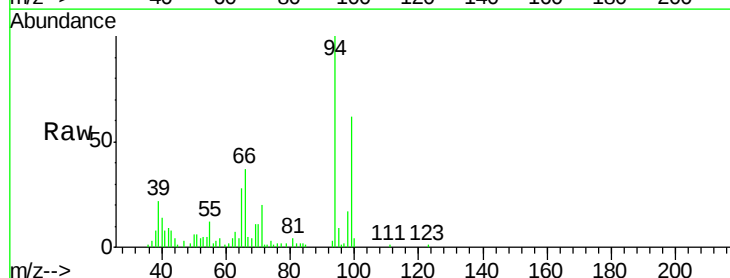
Tgt Ion: 94 Resp: 27114

Ion Ratio Lower Upper

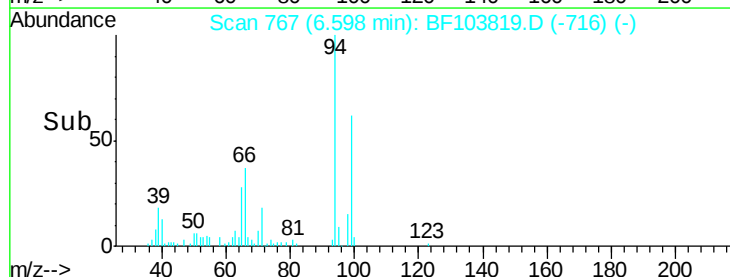
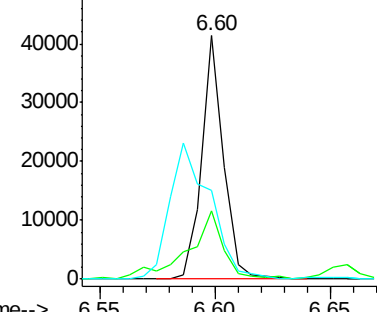
94 100

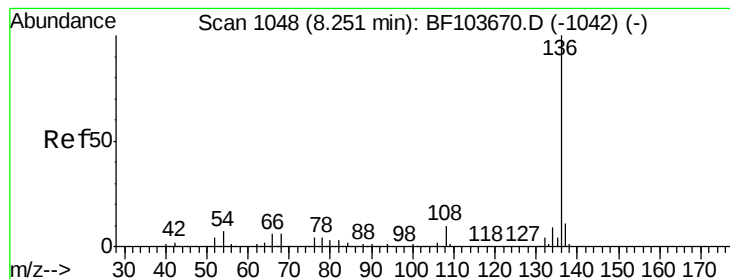
65 28.0 7.9 47.9

66 36.6 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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF103819.D

Acq: 20 Mar 2018 22:48

Instrument :

BNA_F

ClientSampleId :

FRAC-2

Tot Ion:136 Resp: 640127

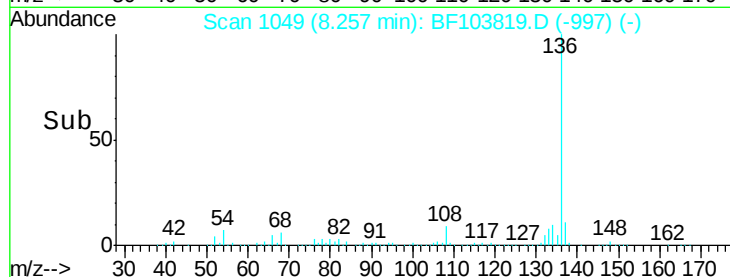
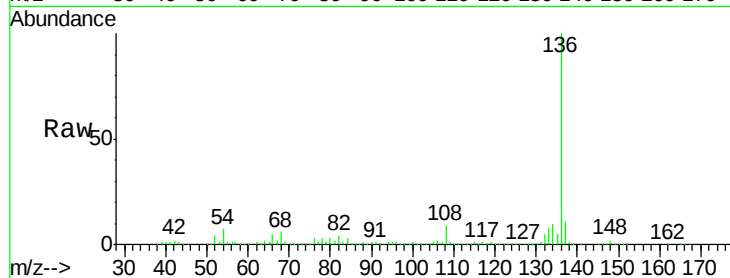
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.8 6.6 9.8

68 6.3 5.0 7.4



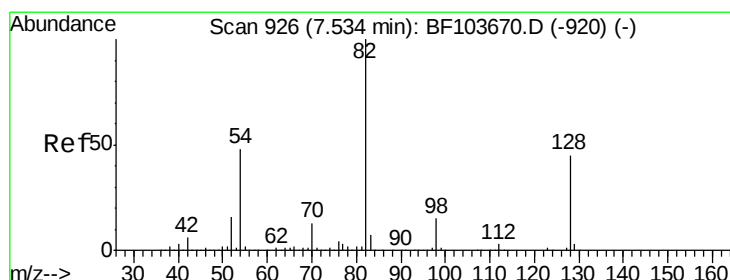
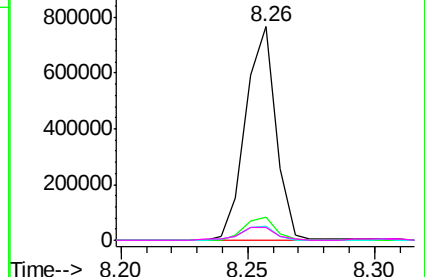
Abundance Ion 136.00 (135.70 to 136.70): E

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

Time-->



#23

Nitrobenzene-d5

Concen: 97.104 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.01 min

Lab File: BF103819.D

Acq: 20 Mar 2018 22:48

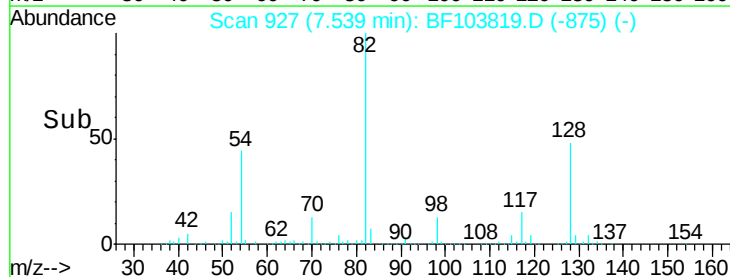
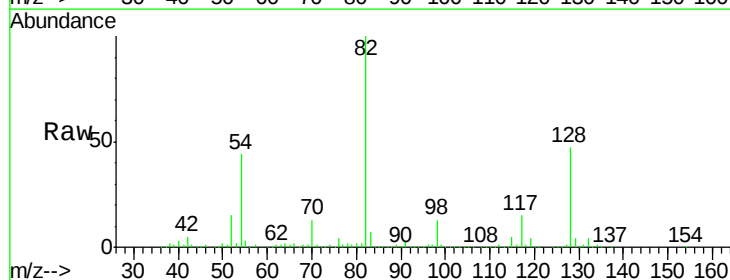
Tgt Ion: 82 Resp: 891343

Ion Ratio Lower Upper

82 100

128 47.5 36.1 54.1

54 44.0 41.4 62.2

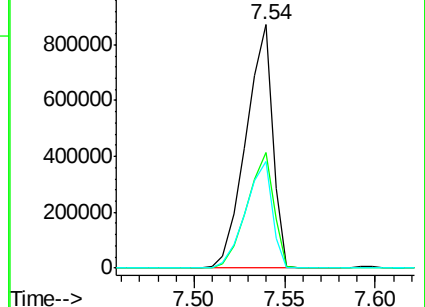


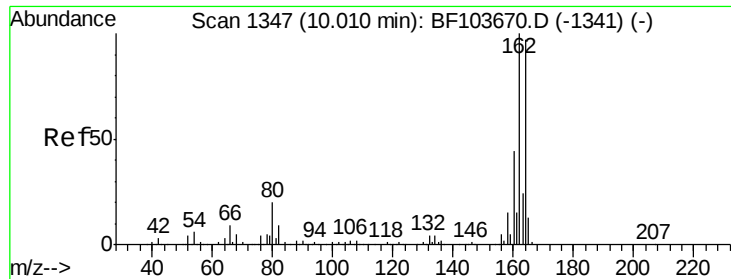
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

Time-->

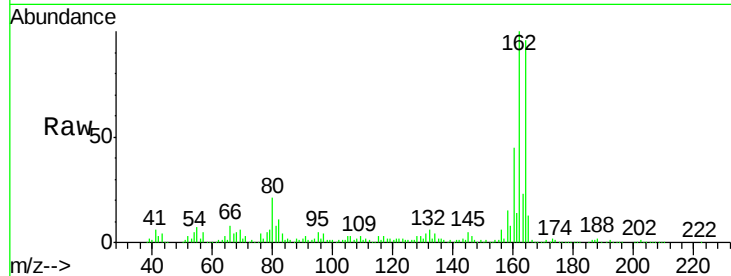




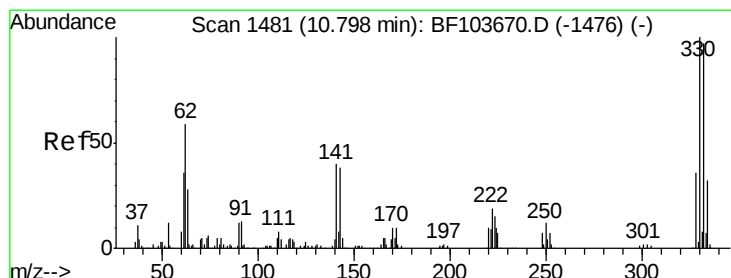
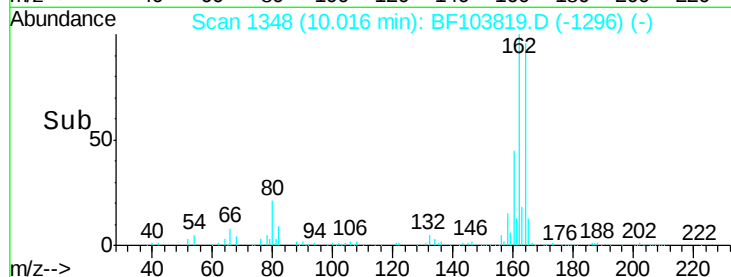
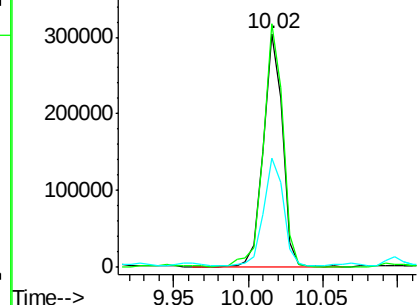
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF103819.D
Acq: 20 Mar 2018 22:48

Instrument :
BNA_F
ClientSampleId :
FRAC-2

Tot Ion:164 Resp: 262618
Ion Ratio Lower Upper
164 100
162 104.1 86.1 129.1
160 46.5 38.3 57.5

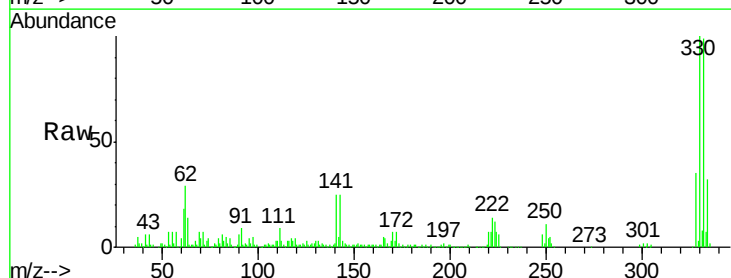


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

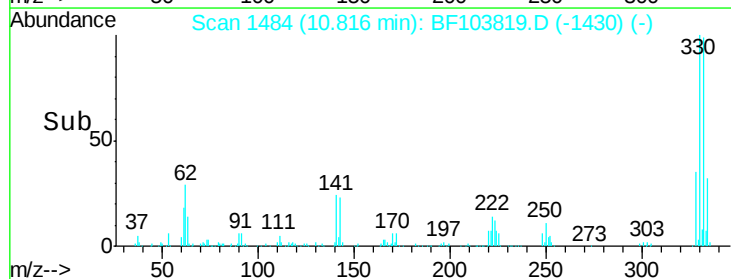
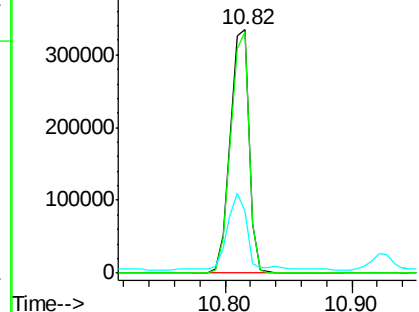


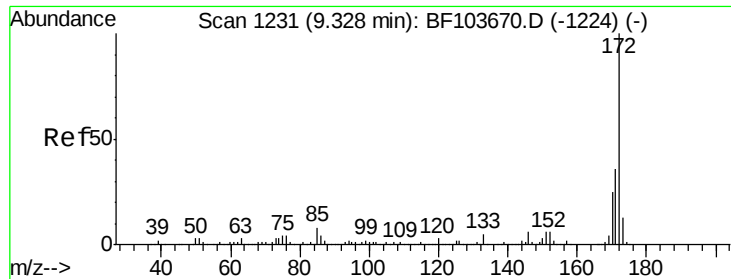
#41
2,4,6-Tribromophenol
Concen: 152.000 ng
RT: 10.82 min Scan# 1484
Delta R.T. 0.02 min
Lab File: BF103819.D
Acq: 20 Mar 2018 22:48

Tgt Ion:330 Resp: 343216
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 31.2 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

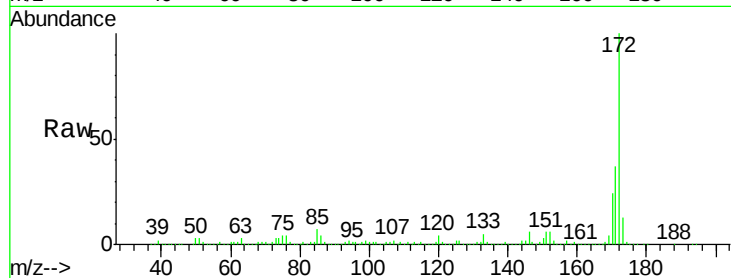




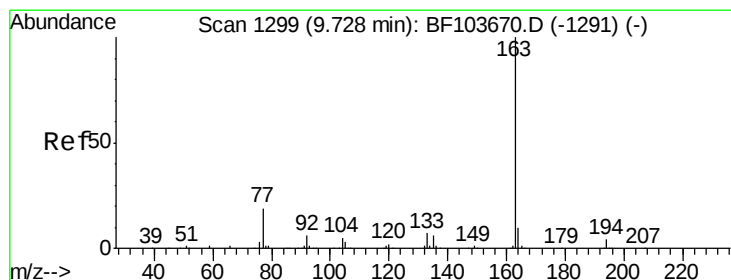
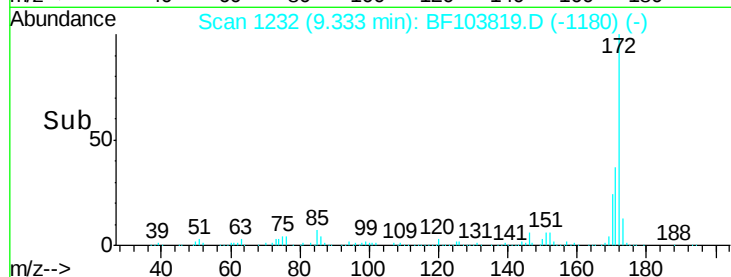
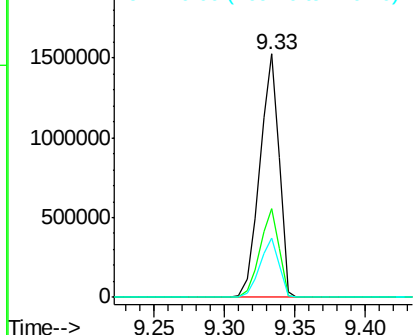
#44
2-Fluorobiphenyl
Concen: 90.115 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.01 min
Lab File: BF103819.D
Acq: 20 Mar 2018 22:48

Instrument :
BNA_F
ClientSampleId :
FRAC-2

Tot Ion:172 Resp: 1483610
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.3 19.6 29.4

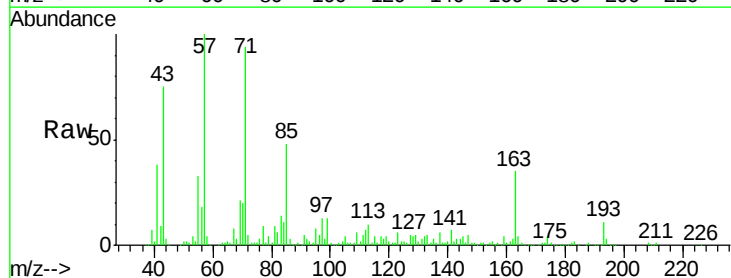


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

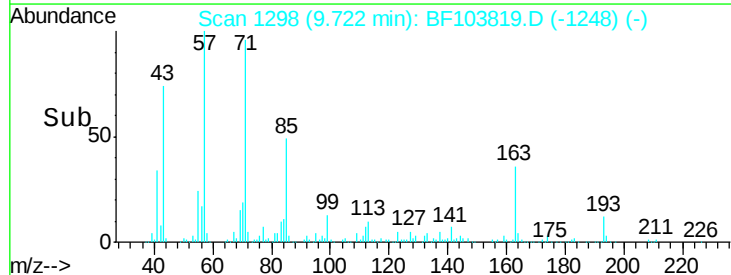
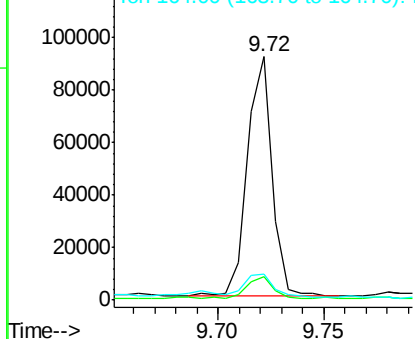


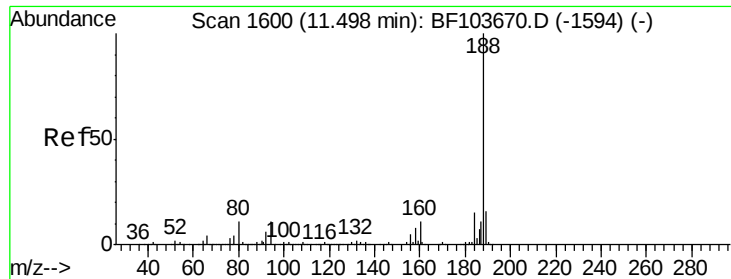
#49
Dimethylphthalate
Concen: 3.700 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF103819.D
Acq: 20 Mar 2018 22:48

Tgt Ion:163 Resp: 74142
Ion Ratio Lower Upper
163 100
194 9.4 2.7 4.1#
164 10.9 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

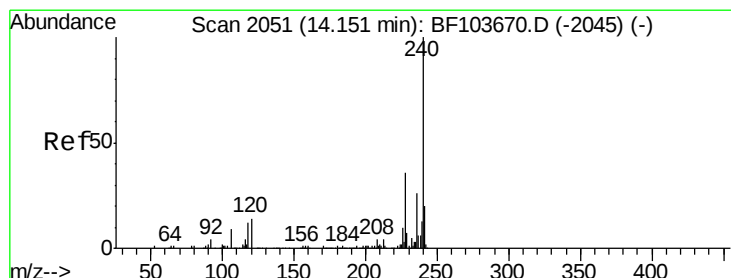
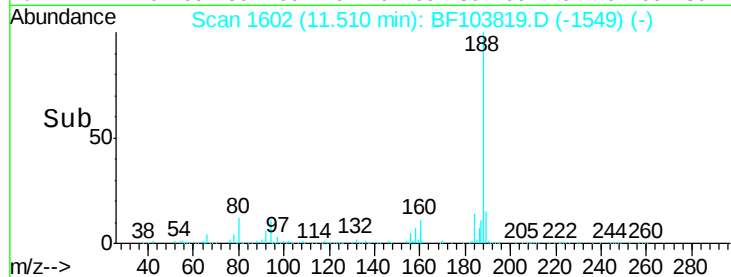
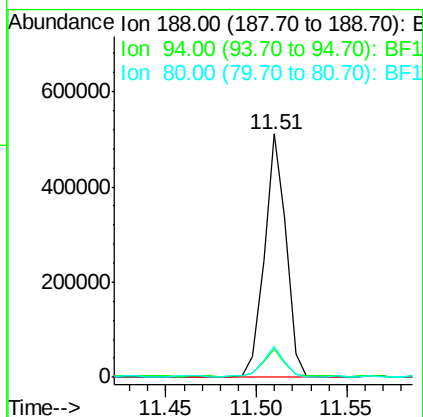
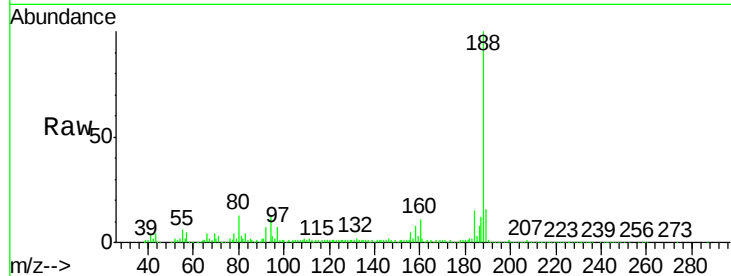




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.01 min
Lab File: BF103819.D
Acq: 20 Mar 2018 22:48

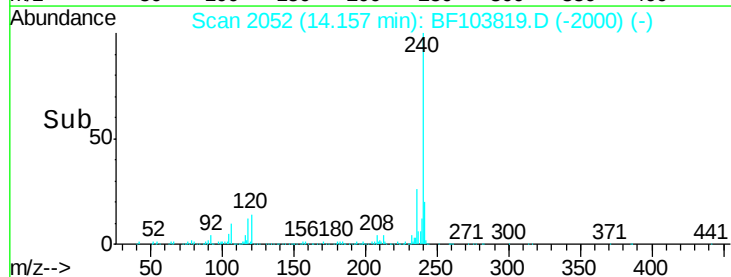
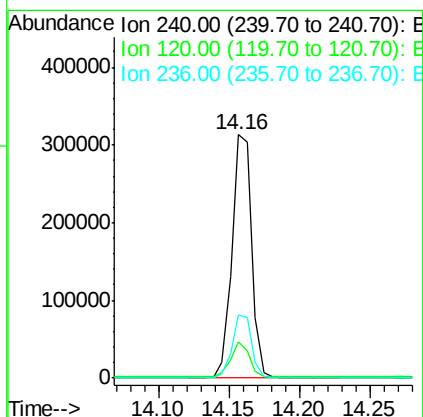
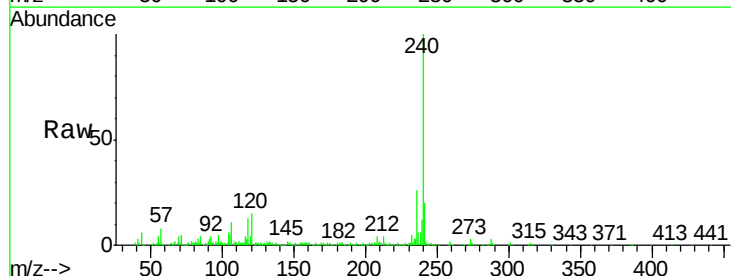
Instrument :
BNA_F
ClientSampleId :
FRAC-2

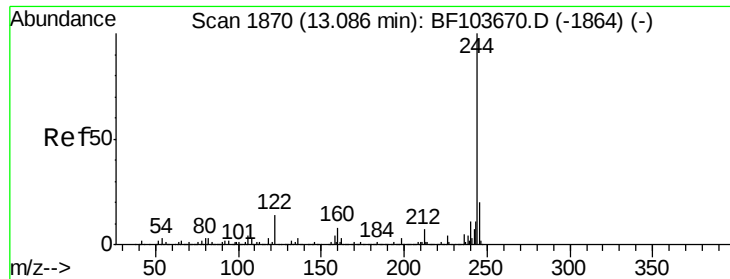
Tot Ion:188 Resp: 420714
Ion Ratio Lower Upper
188 100
94 11.8 8.5 12.7
80 12.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BF103819.D
Acq: 20 Mar 2018 22:48

Tgt Ion:240 Resp: 304266
Ion Ratio Lower Upper
240 100
120 15.1 9.5 14.3#
236 25.9 20.7 31.1





#78

Terphenyl-d14

Concen: 91.303 ng

RT: 13.10 min Scan# 1872

Delta R.T. 0.01 min

Lab File: BF103819.D

Acq: 20 Mar 2018 22:48

Instrument :

BNA_F

ClientSampleId :

FRAC-2

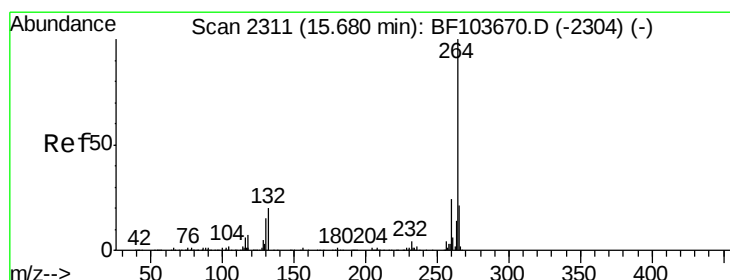
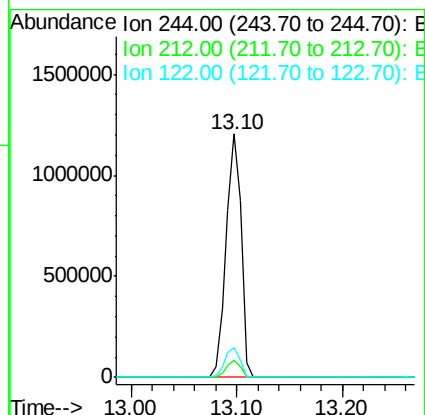
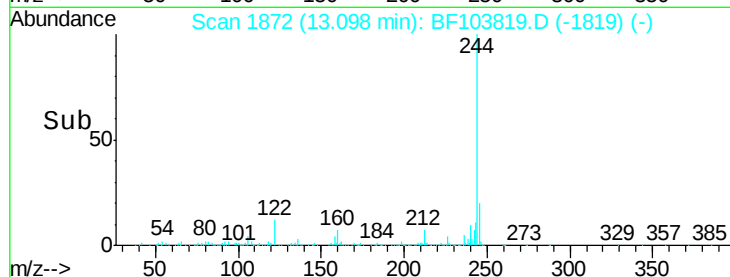
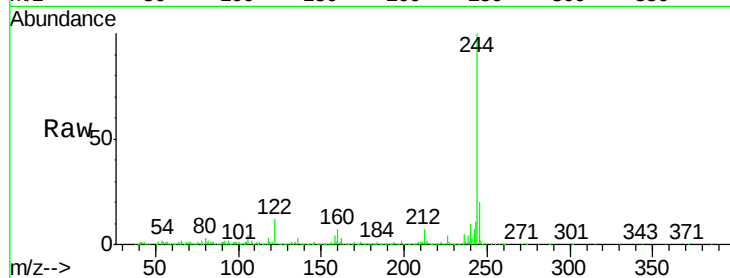
Tot Ion:244 Resp: 1196840

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

122 12.3 11.0 16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.70 min Scan# 2314

Delta R.T. 0.02 min

Lab File: BF103819.D

Acq: 20 Mar 2018 22:48

Tgt Ion:264 Resp: 247186

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 21.2 17.5 26.3

