

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032018\
 Data File : BF103830.D
 Acq On : 21 Mar 2018 4:43
 Operator : JU/SJ
 Sample : J1973-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Quant Time: Mar 21 07:00:06 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

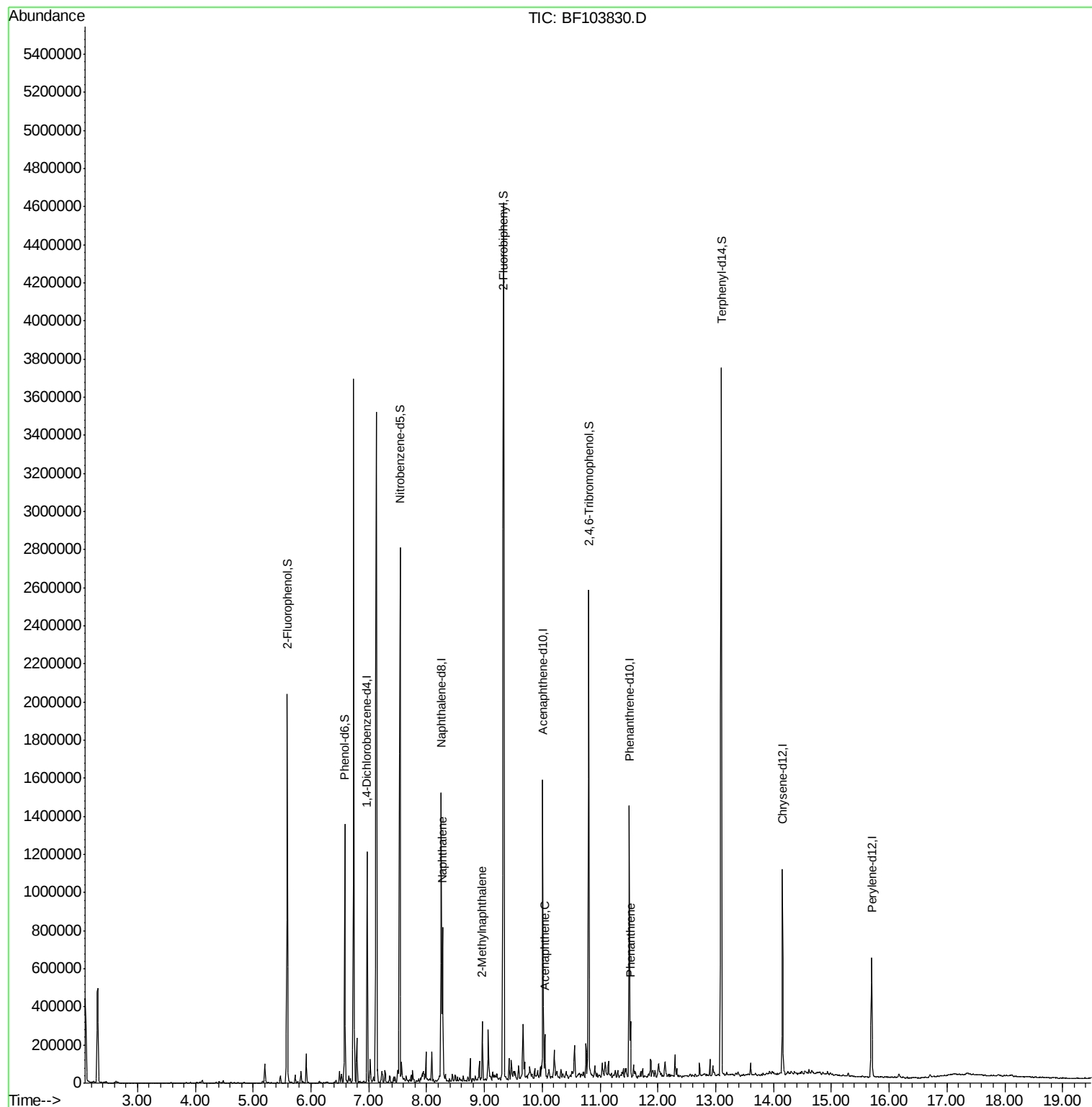
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	174563	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	674587	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	303422	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	472197	20.00	ng	0.00
75) Chrysene-d12	14.16	240	331546	20.00	ng	0.00
86) Perylene-d12	15.70	264	272964	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	594602	51.81	ng	0.01
7) Phenol-d6	6.59	99	434639	30.95	ng	0.00
23) Nitrobenzene-d5	7.54	82	1092502	112.94	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	376307	144.24	ng	0.01
44) 2-Fluorobiphenyl	9.33	172	1687016	88.69	ng	0.00
78) Terphenyl-d14	13.10	244	1370606	95.96	ng	0.01
Target Compounds						
31) Naphthalene	8.27	128	303409	8.904	ng	99
37) 2-Methylnaphthalene	8.96	142	72934	3.375	ng	98
51) Acenaphthene	10.05	154	38927	2.104	ng	98
70) Phenanthrene	11.53	178	85851	3.324	ng	98

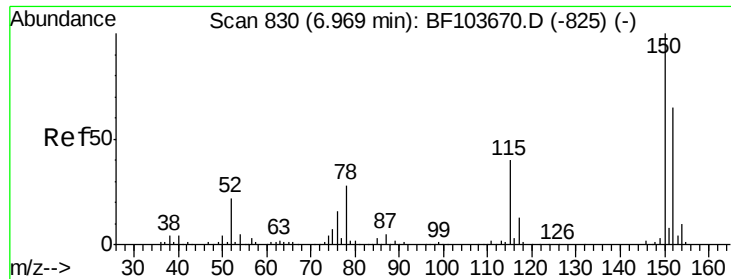
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
Data File : BF103830.D
Acq On : 21 Mar 2018 4:43
Operator : JU/SJ
Sample : J1973-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Time: Mar 21 07:00:06 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



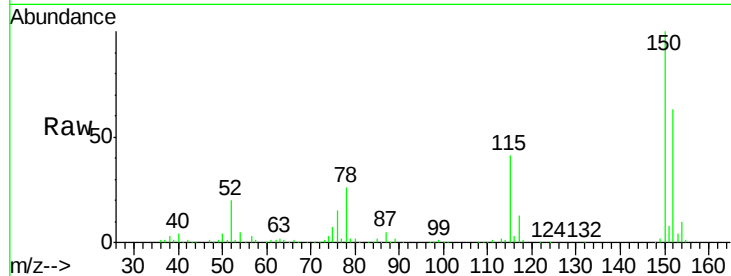


#1

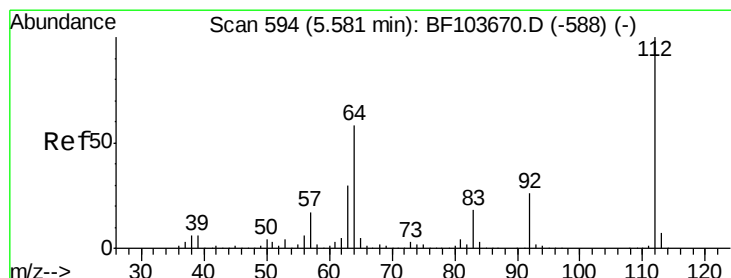
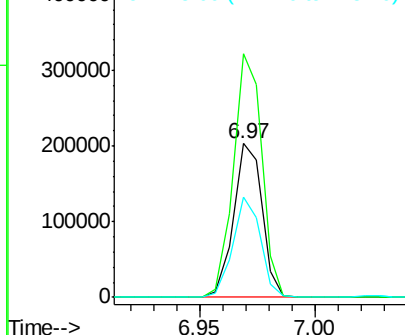
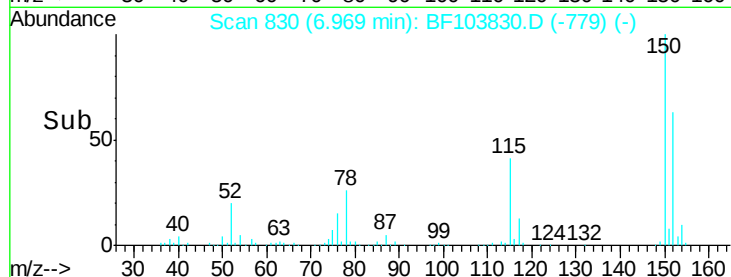
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF103830.D
Acq: 21 Mar 2018 4:43

Instrument :
BNA_F
ClientSampleId :
COMP-2

Tot Ion:152 Resp: 174563
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 65.4 50.1 75.1



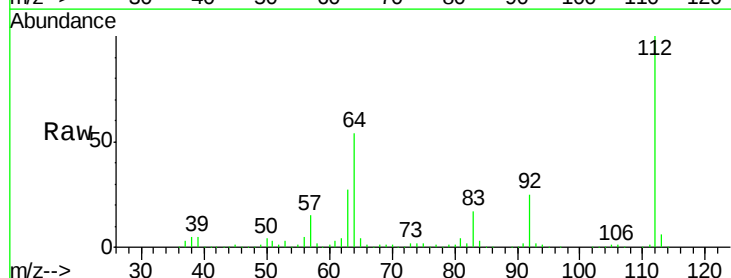
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



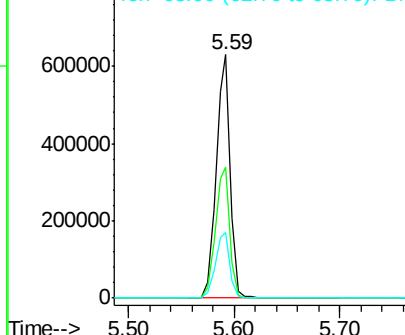
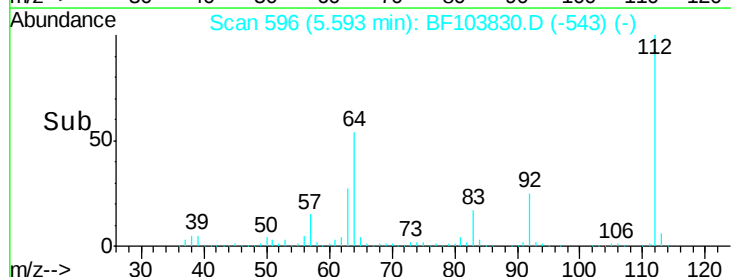
#5

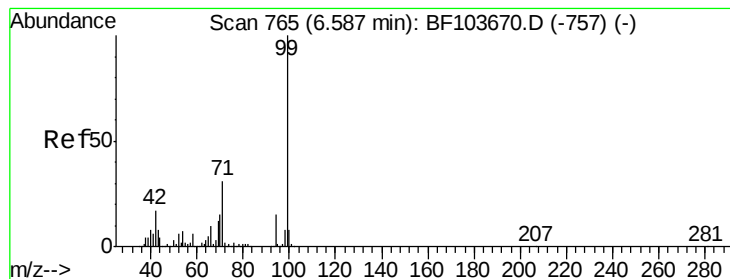
2-Fluorophenol
Concen: 51.809 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF103830.D
Acq: 21 Mar 2018 4:43

Tgt Ion:112 Resp: 594602
Ion Ratio Lower Upper
112 100
64 54.0 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: 30.955 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF103830.D

Acq: 21 Mar 2018 4:43

Instrument :

BNA_F

ClientSampleId :

COMP-2

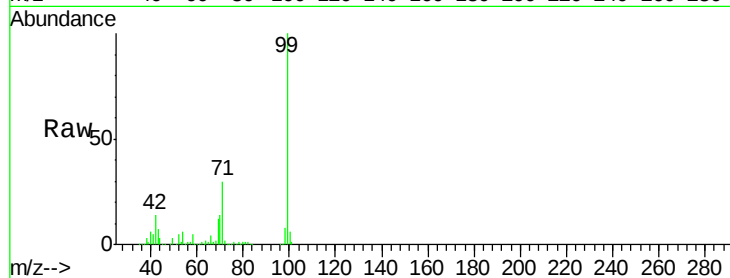
Tot Ion: 99 Resp: 434639

Ion Ratio Lower Upper

99 100

42 14.5 14.5 21.7

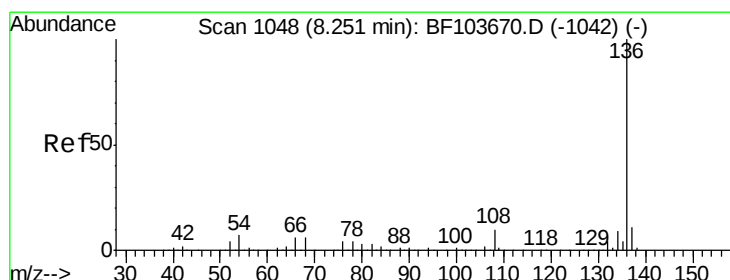
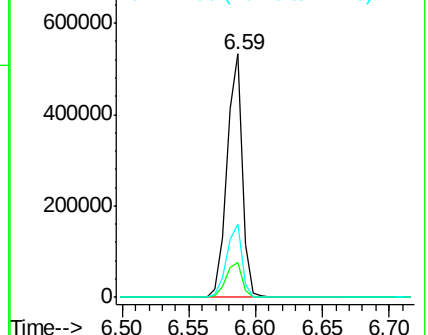
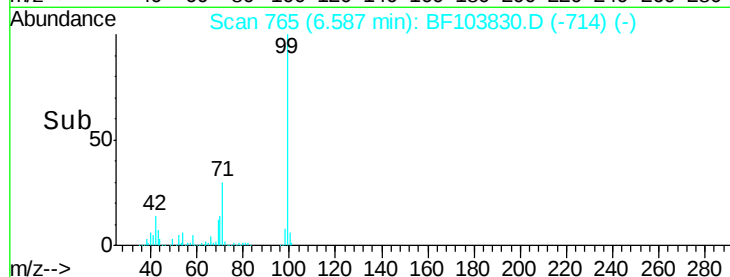
71 30.3 25.4 38.0



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: 8.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF103830.D

Acq: 21 Mar 2018 4:43

Tgt Ion: 136 Resp: 674587

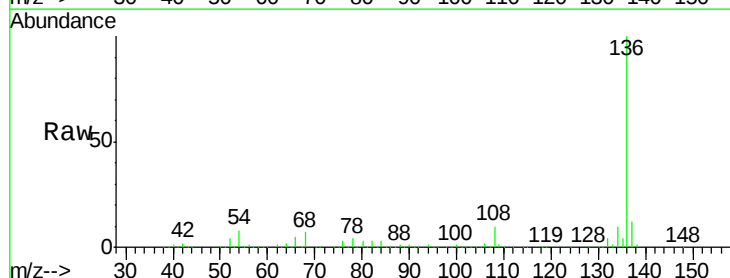
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 7.6 6.6 9.8

68 6.9 5.0 7.4

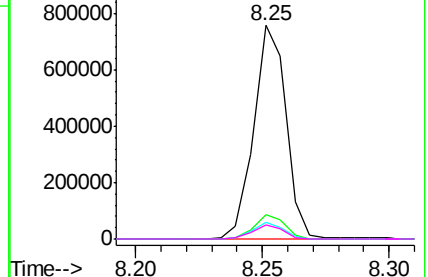
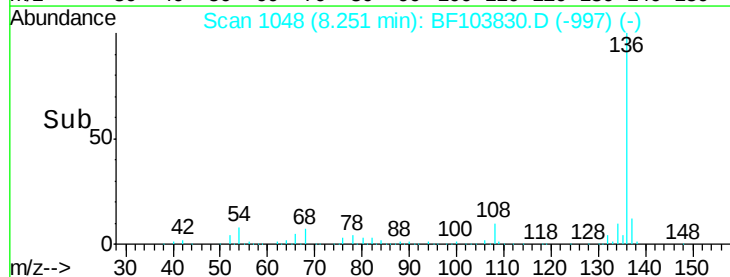


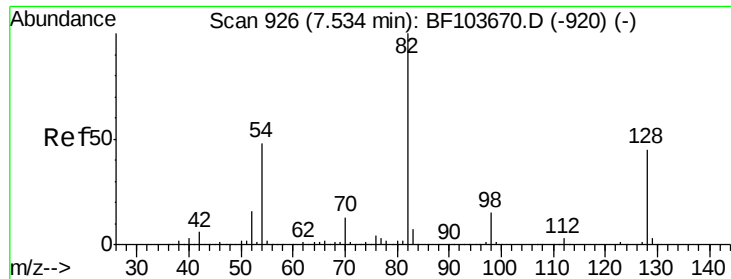
Abundance Ion 136.00 (135.70 to 136.70): E

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

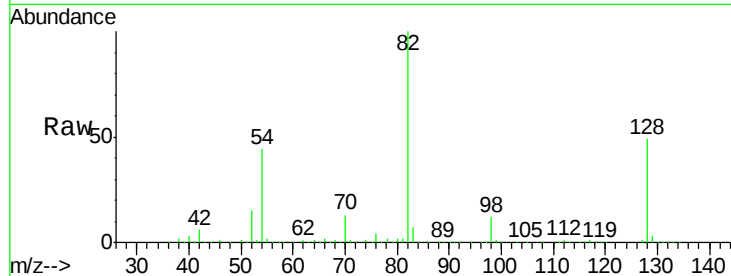




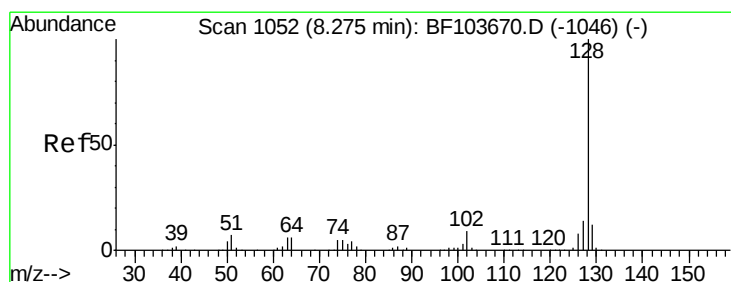
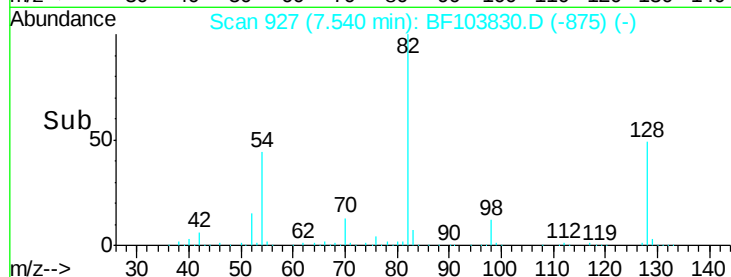
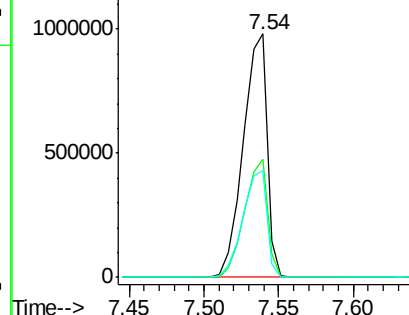
#23
Nitrobenzene-d5
Concen: 112.938 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.01 min
Lab File: BF103830.D
Acq: 21 Mar 2018 4:43

Instrument :
BNA_F
ClientSampleId :
COMP-2

Tot Ion: 82 Resp: 1092502
Ion Ratio Lower Upper
82 100
128 48.5 36.1 54.1
54 43.8 41.4 62.2

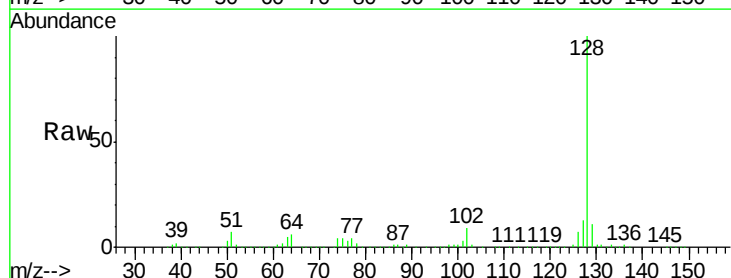


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

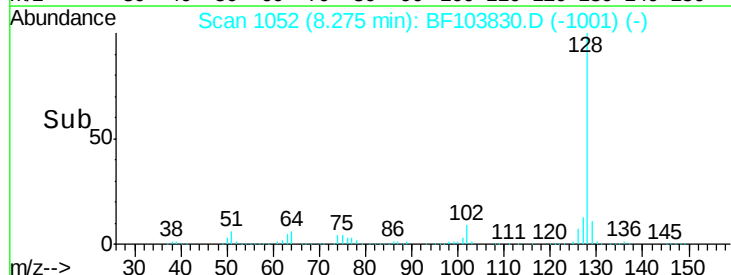
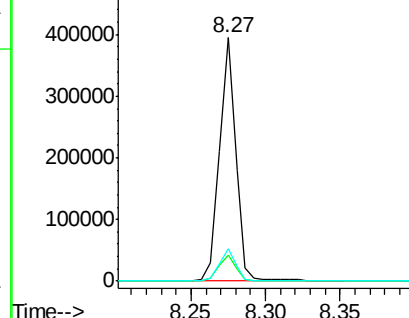


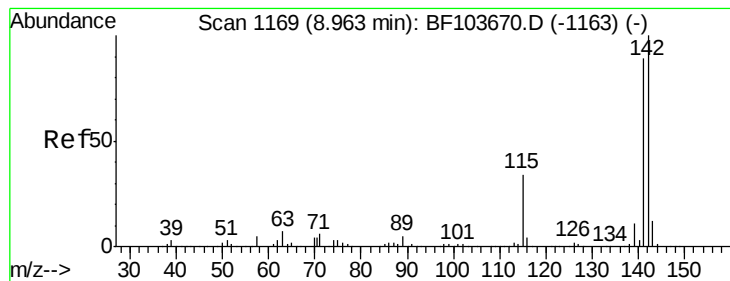
#31
Naphthalene
Concen: 8.904 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF103830.D
Acq: 21 Mar 2018 4:43

Tgt Ion: 128 Resp: 303409
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.2 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): BF1
Ion 129.00 (128.70 to 129.70): BF1
Ion 127.00 (126.70 to 127.70): BF1





#37

2-Methylnaphthalene

Concen: 3.375 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF103830.D

Acq: 21 Mar 2018 4:43

Instrument :

BNA_F

ClientSampleId :

COMP-2

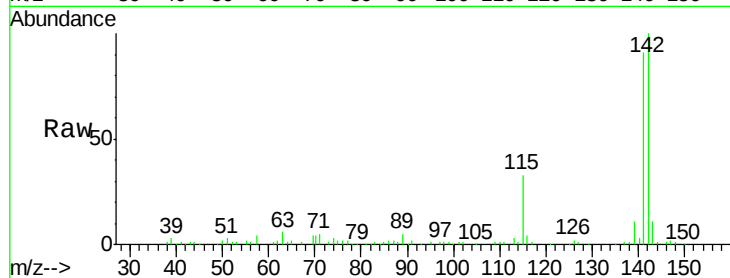
Tot Ion:142 Resp: 72934

Ion Ratio Lower Upper

142 100

141 91.2 70.8 106.2

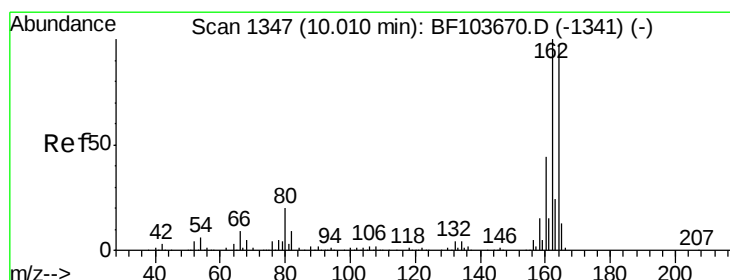
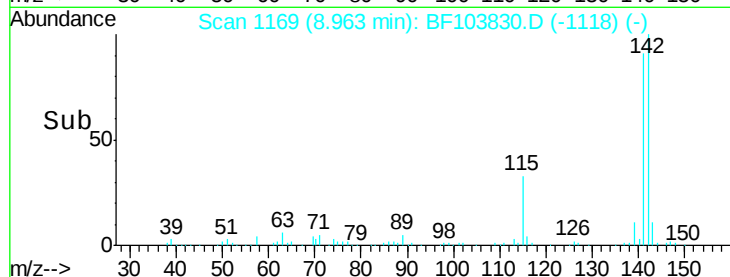
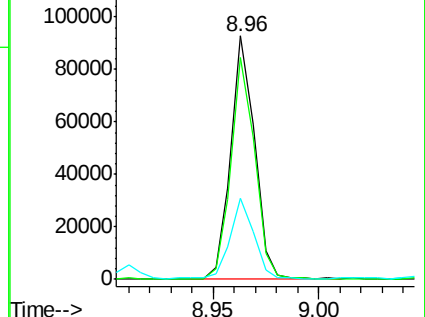
115 33.2 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BF103830.D

Acq: 21 Mar 2018 4:43

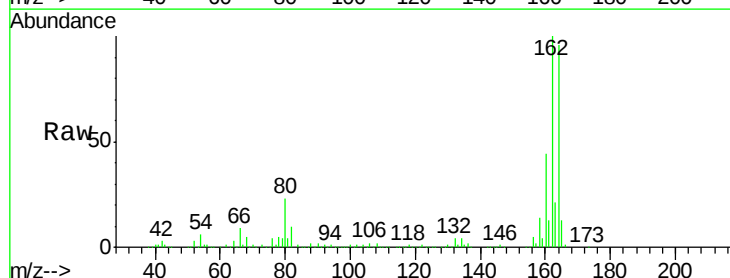
Tgt Ion:164 Resp: 303422

Ion Ratio Lower Upper

164 100

162 103.9 86.1 129.1

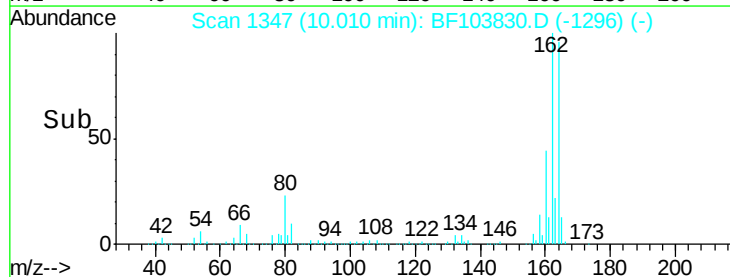
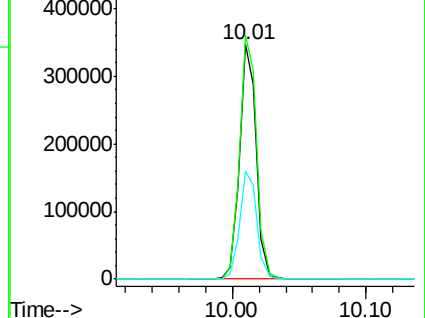
160 45.9 38.3 57.5

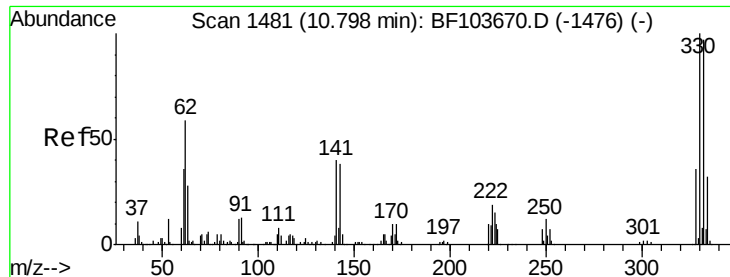


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

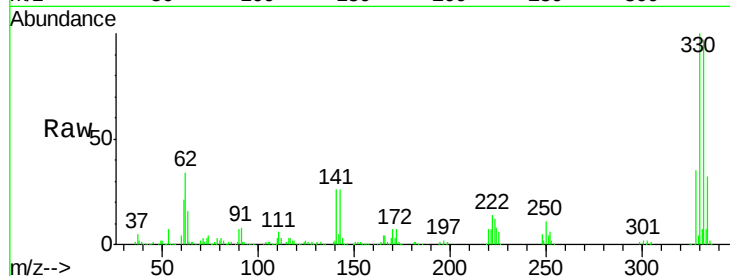




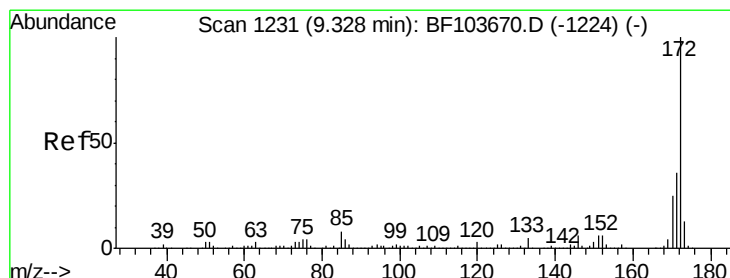
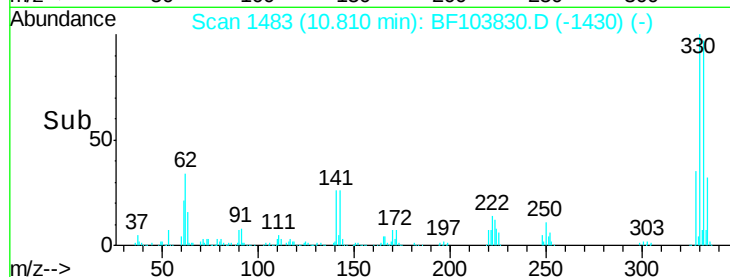
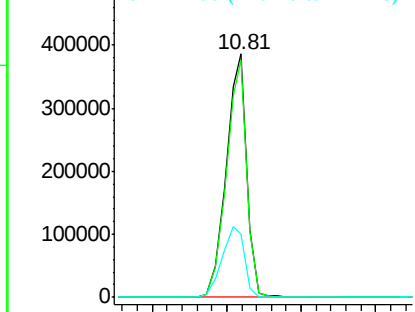
#41
 2,4,6-Tribromophenol
 Concen: 144.243 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF103830.D
 Acq: 21 Mar 2018 4:43

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Tot Ion:330 Resp: 376307
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 32.2 29.9 44.9

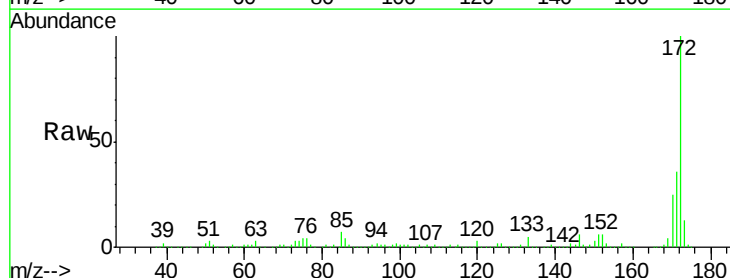


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

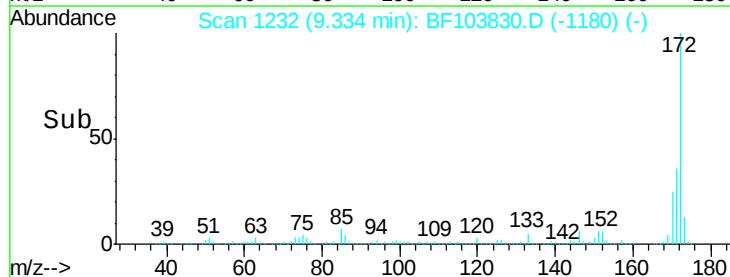
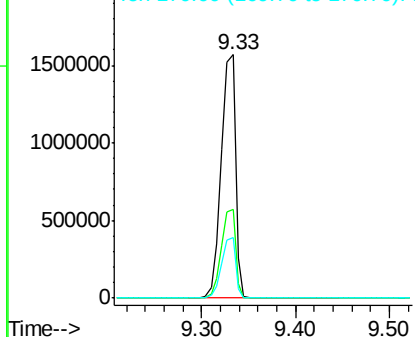


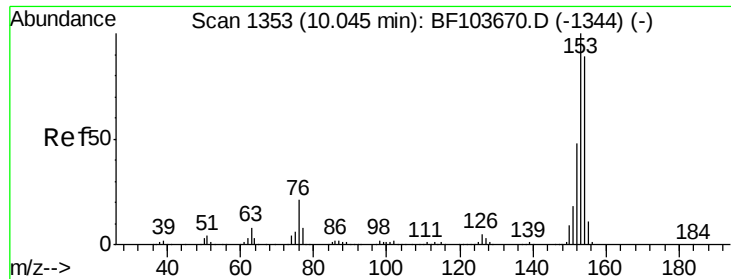
#44
 2-Fluorobiphenyl
 Concen: 88.690 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.01 min
 Lab File: BF103830.D
 Acq: 21 Mar 2018 4:43

Tgt Ion:172 Resp: 1687016
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.7 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





#51

Acenaphthene

Concen: 2.104 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF103830.D

Acq: 21 Mar 2018 4:43

Instrument :

BNA_F

ClientSampleId :

COMP-2

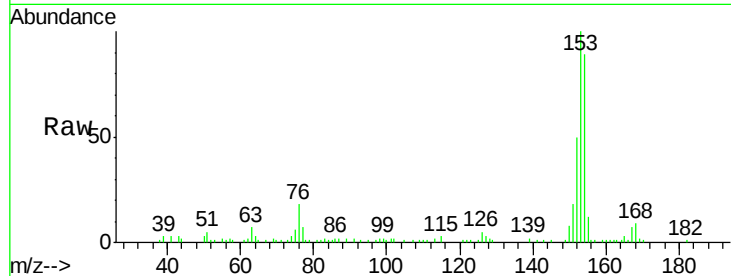
Tot Ion:154 Resp: 38927

Ion Ratio Lower Upper

154 100

153 111.8 91.2 136.8

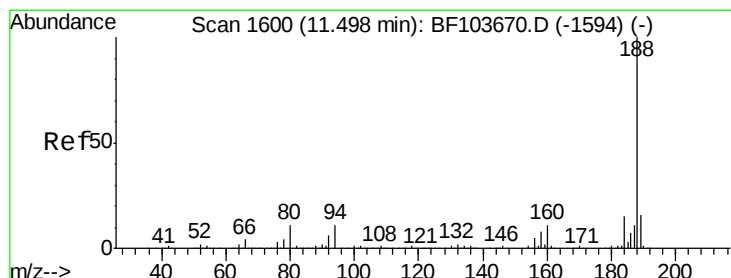
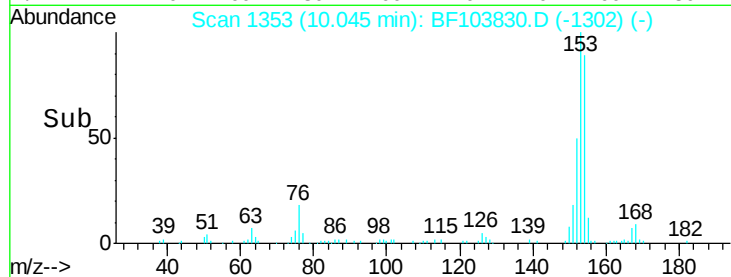
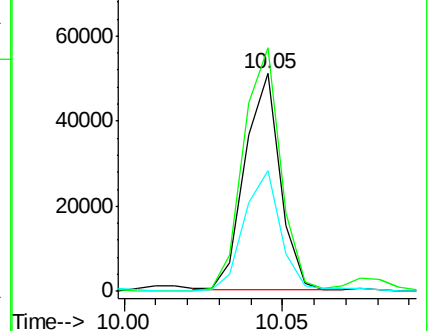
152 55.6 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: BF103830.D

Acq: 21 Mar 2018 4:43

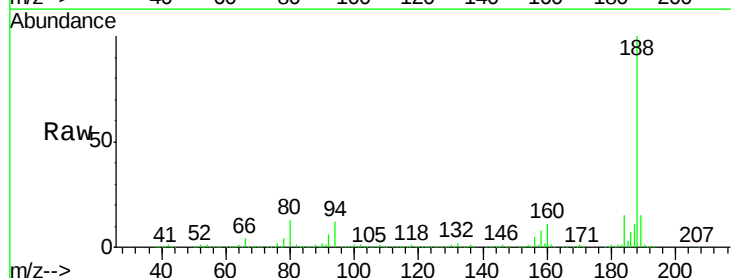
Tgt Ion:188 Resp: 472197

Ion Ratio Lower Upper

188 100

94 11.7 8.5 12.7

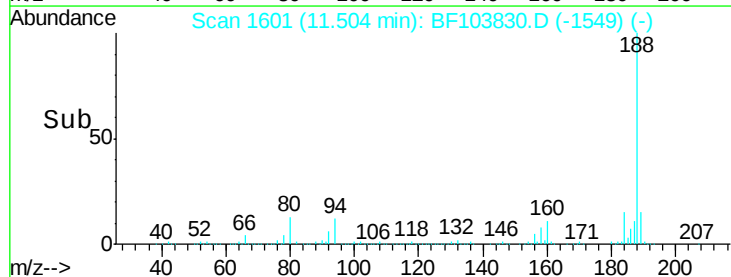
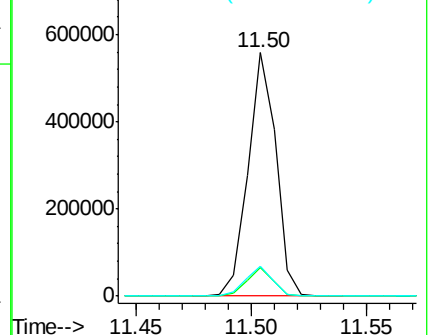
80 12.5 9.2 13.8

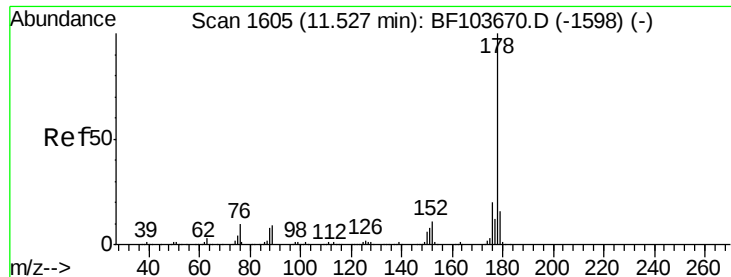


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#70

Phenanthrene

Concen: 3.324 ng

RT: 11.53 min Scan# 1605

Delta R.T. 0.00 min

Lab File: BF103830.D

Acq: 21 Mar 2018 4:43

Instrument :

BNA_F

ClientSampleId :

COMP-2

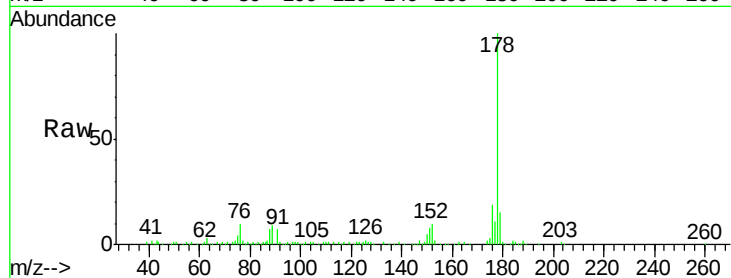
Tot Ion:178 Resp: 85851

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

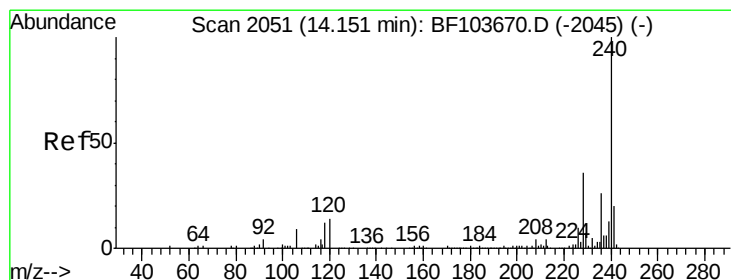
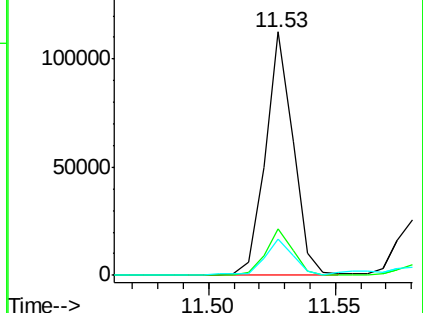
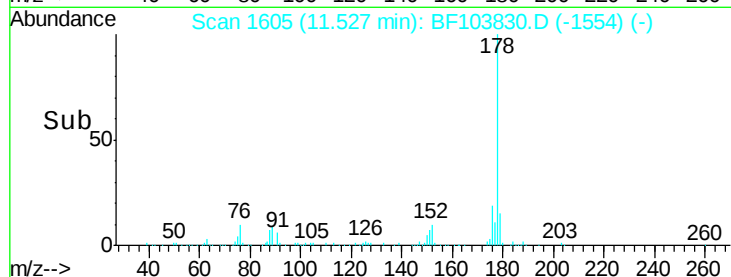
179 14.8 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. 0.01 min

Lab File: BF103830.D

Acq: 21 Mar 2018 4:43

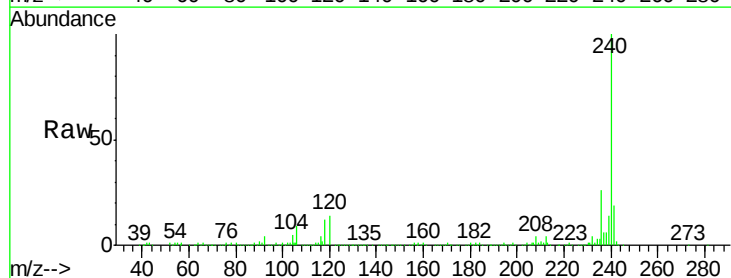
Tgt Ion:240 Resp: 331546

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

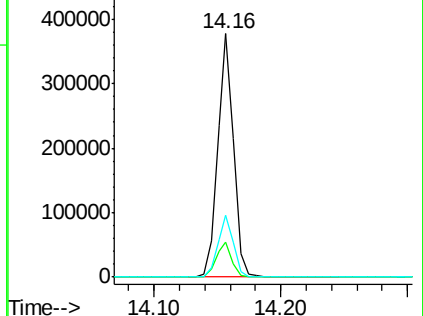
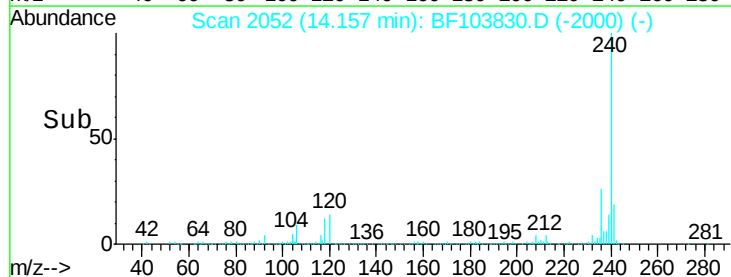
236 25.5 20.7 31.1

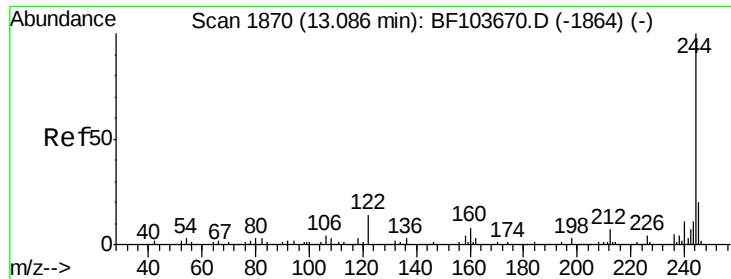


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

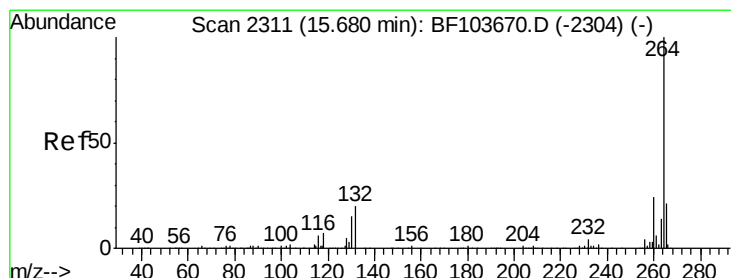
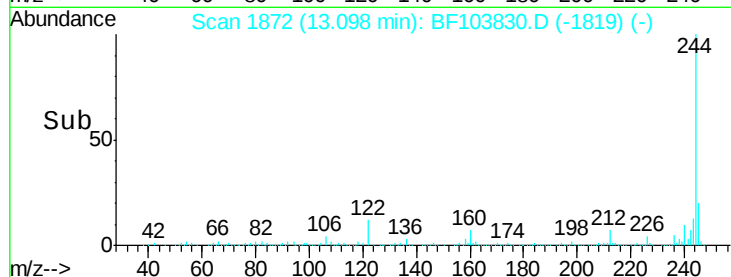
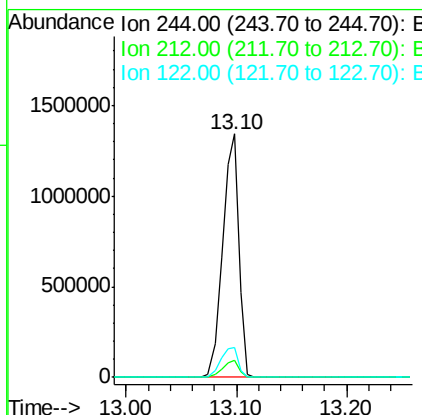
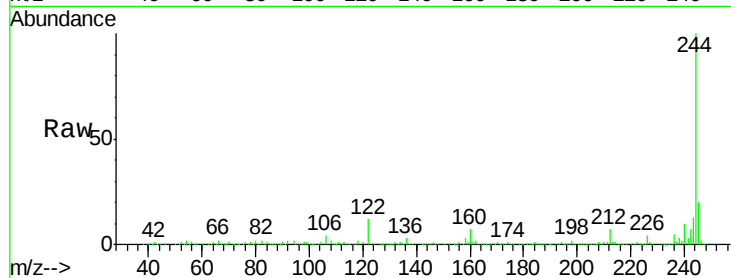




#78
 Terphenyl-d14
 Concen: 95.956 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. 0.01 min
 Lab File: BF103830.D
 Acq: 21 Mar 2018 4:43

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Tot Ion:244 Resp: 1370606
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.1 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: BF103830.D
 Acq: 21 Mar 2018 4:43

Tgt Ion:264 Resp: 272964
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.3 17.5 26.3

