

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103756.D
 Acq On : 19 Mar 2018 14:50
 Operator : JU/SJ
 Sample : J1750-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031518-C

Quant Time: Mar 19 17:02:41 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 10:47:21 2018
 Response via : Initial Calibration

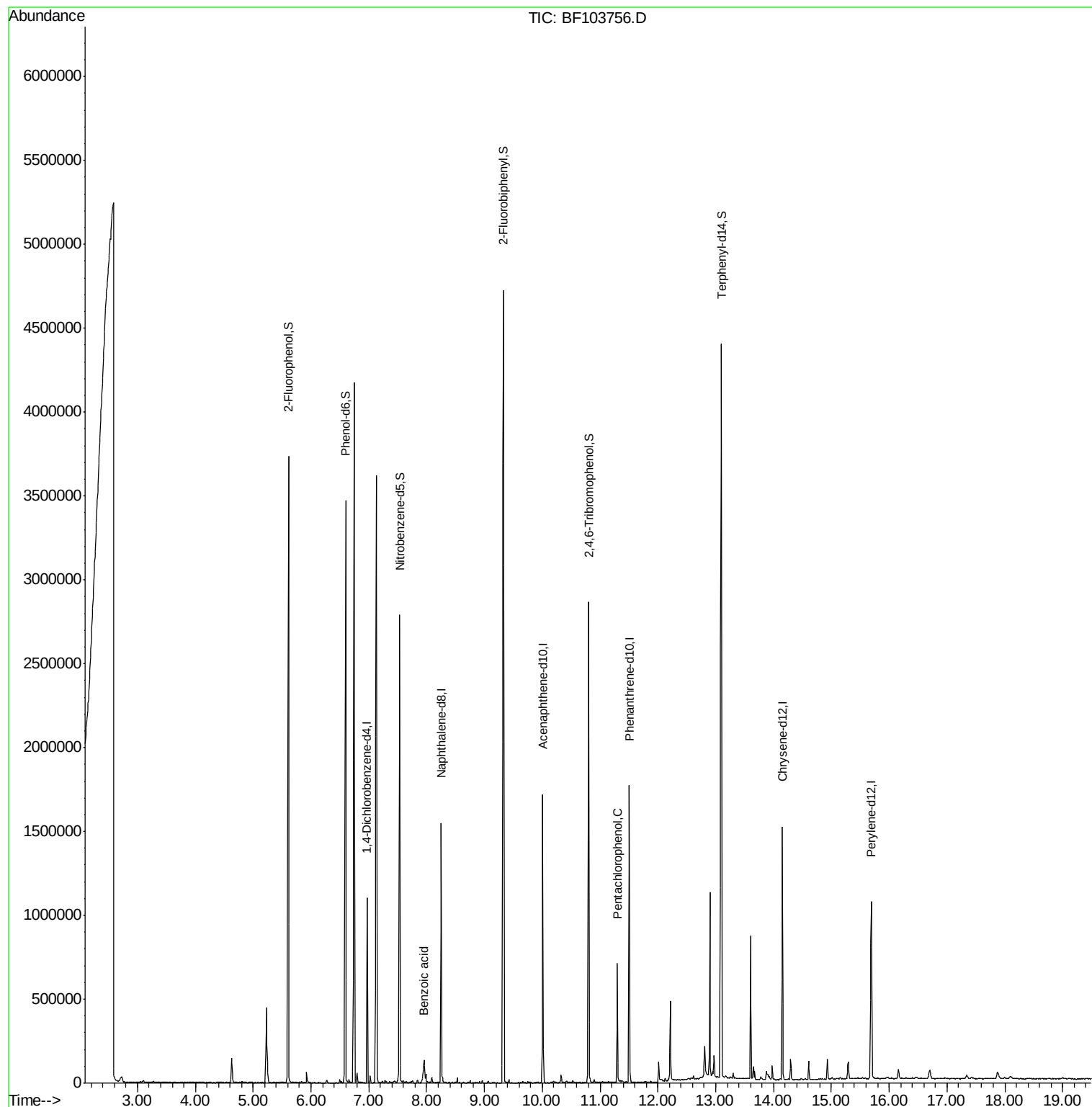
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	166520	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	679599	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	321226	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	588620	20.00	ng	0.00
75) Chrysene-d12	14.16	240	516257	20.00	ng	0.00
86) Perylene-d12	15.69	264	432539	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1253314	114.48	ng	0.02
7) Phenol-d6	6.60	99	1404965	104.89	ng	0.00
23) Nitrobenzene-d5	7.53	82	1064761	109.26	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	442314	160.15	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1742013	86.51	ng	0.00
78) Terphenyl-d14	13.10	244	1907377	85.76	ng	0.00
Target Compounds						
32) Benzoic acid	7.96	122	45928	15.250	ng	98
69) Pentachlorophenol	11.30	266	70542	17.788	ng	97

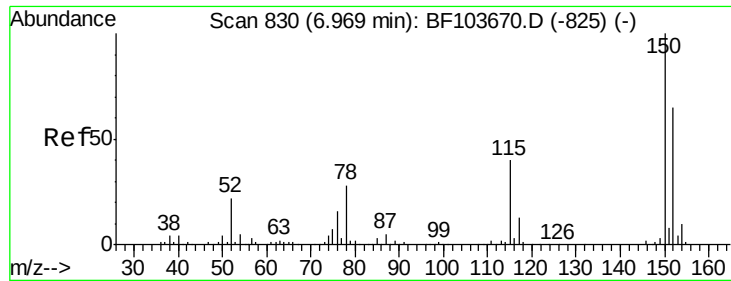
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
Data File : BF103756.D
Acq On : 19 Mar 2018 14:50
Operator : JU/SJ
Sample : J1750-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-C

Quant Time: Mar 19 17:02:41 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 19 10:47:21 2018
Response via : Initial Calibration



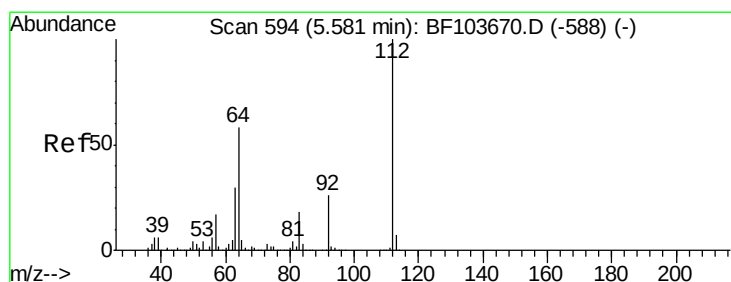
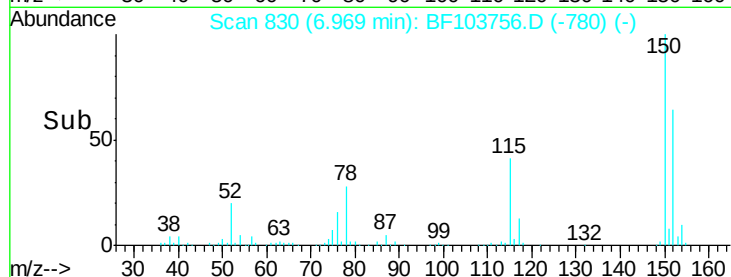
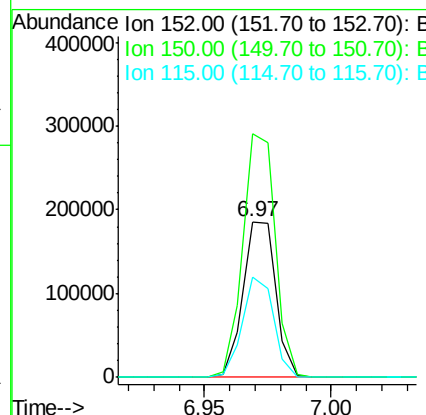
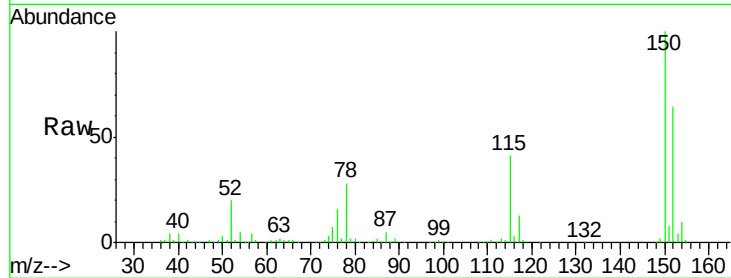


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF103756.D
Acq: 19 Mar 2018 14:50

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-C

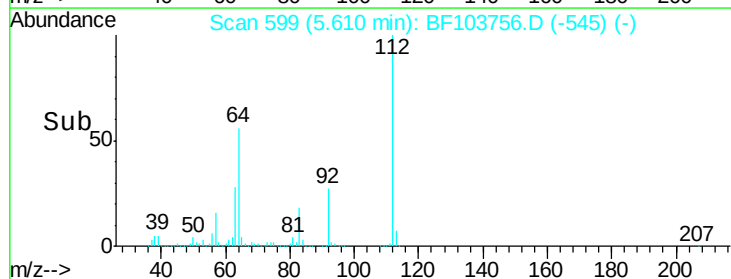
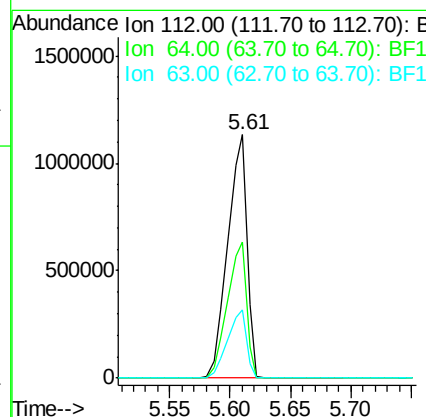
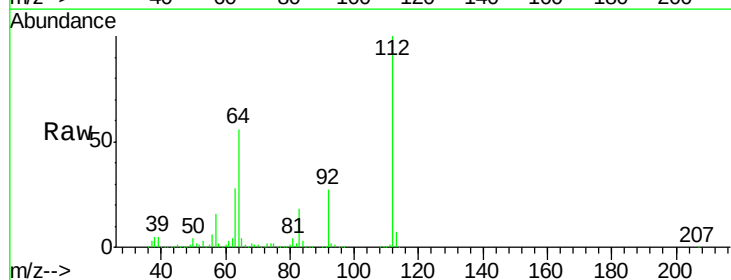
Tot Ion:152 Resp: 166520
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 64.2 50.1 75.1

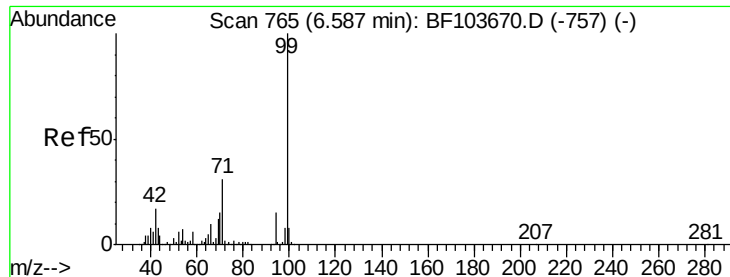


#5

2-Fluorophenol
Concen: 114.478 ng
RT: 5.61 min Scan# 599
Delta R.T. 0.02 min
Lab File: BF103756.D
Acq: 19 Mar 2018 14:50

Tgt Ion:112 Resp: 1253314
Ion Ratio Lower Upper
112 100
64 55.7 47.9 71.9
63 28.0 23.7 35.5





#7

Phenol-d6

Concen: 104.893 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103756.D

Acq: 19 Mar 2018 14:50

Instrument :

BNA_F

ClientSampleId :

HR-05-031518-C

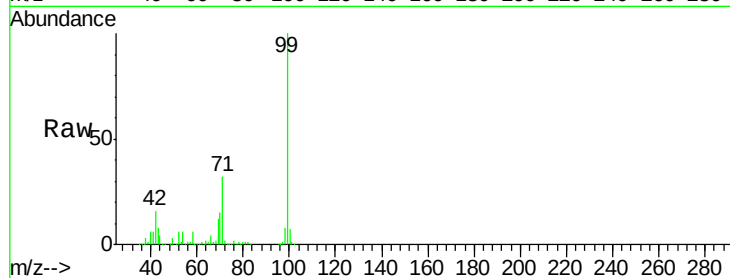
Tot Ion: 99 Resp: 1404965

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

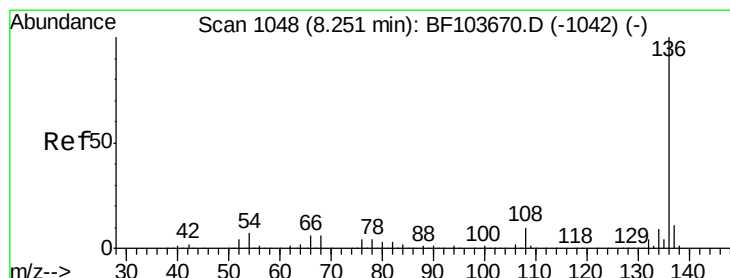
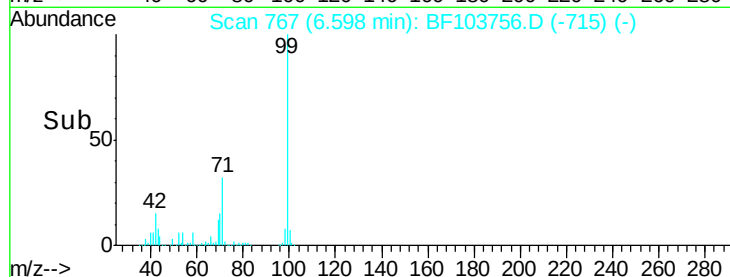
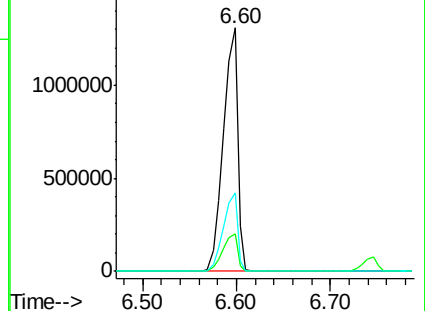
71 32.3 25.4 38.0



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. -0.01 min

Lab File: BF103756.D

Acq: 19 Mar 2018 14:50

Tgt Ion: 136 Resp: 679599

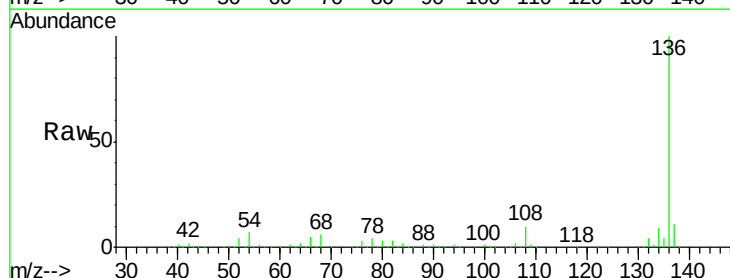
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.2 6.6 9.8

68 6.4 5.0 7.4

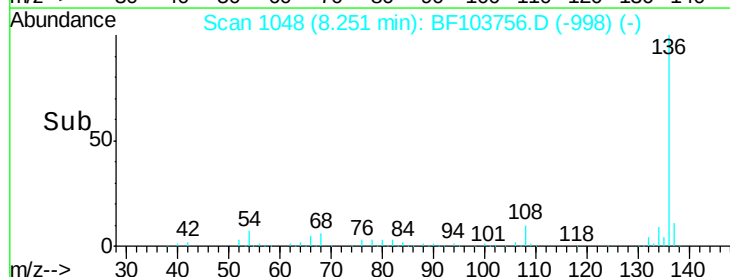
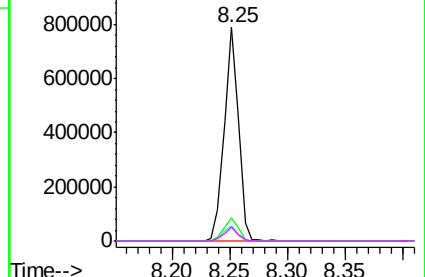


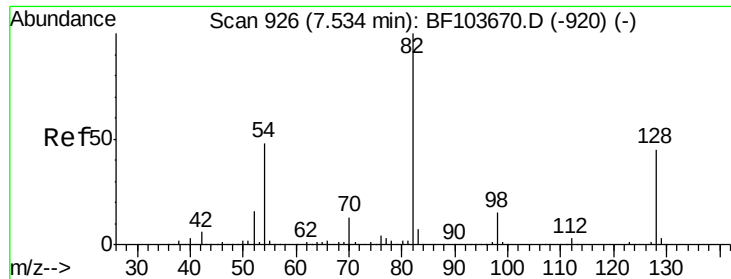
Abundance Ion 136.00 (135.70 to 136.70): E

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

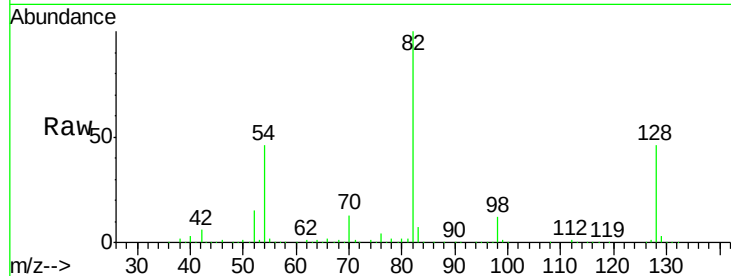




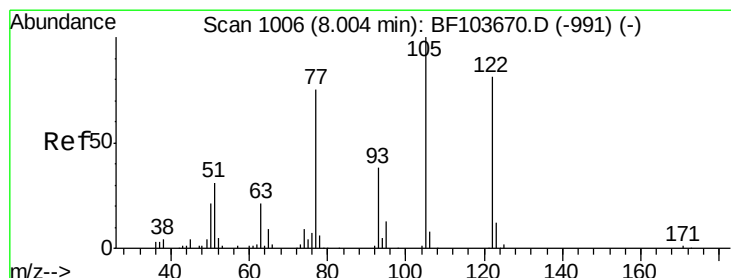
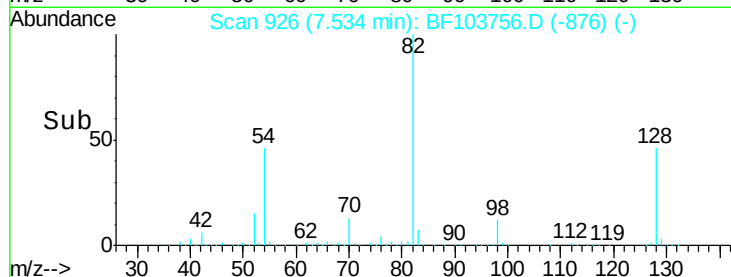
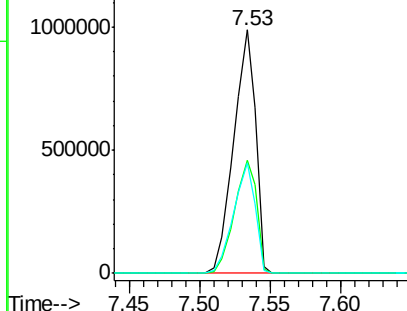
#23
 Nitrobenzene-d5
 Concen: 109.259 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BF103756.D
 Acq: 19 Mar 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031518-C

Tot Ion: 82 Resp: 1064761
 Ion Ratio Lower Upper
 82 100
 128 46.2 36.1 54.1
 54 45.5 41.4 62.2

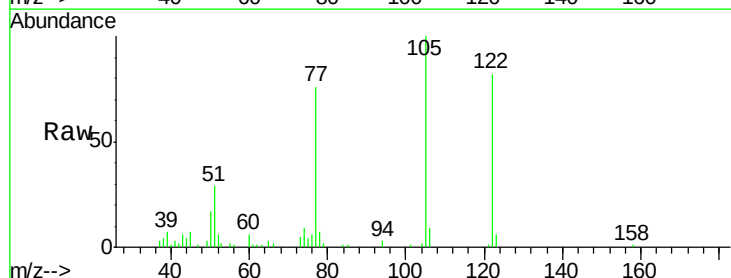


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

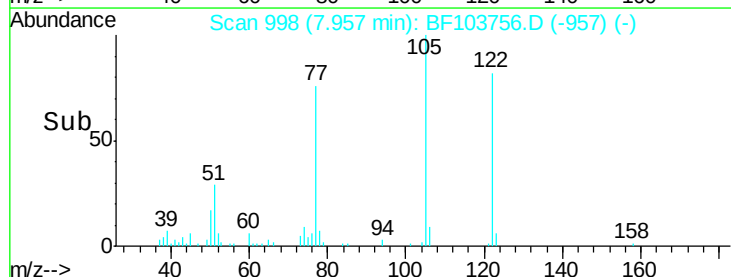
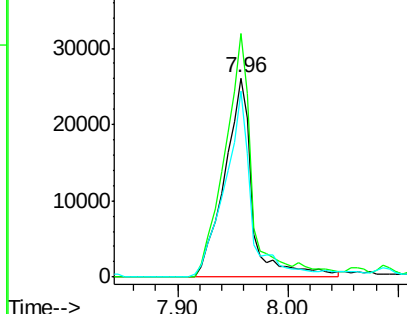


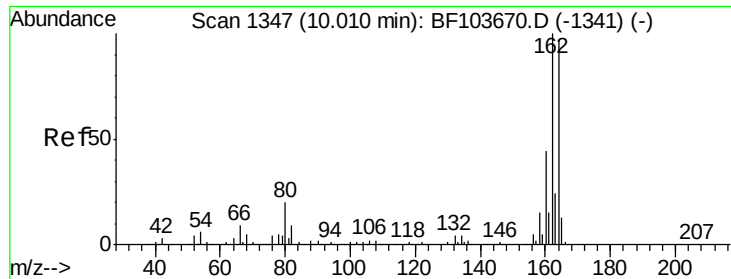
#32
 Benzoic acid
 Concen: 15.250 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.06 min
 Lab File: BF103756.D
 Acq: 19 Mar 2018 14:50

Tgt Ion: 122 Resp: 45928
 Ion Ratio Lower Upper
 122 100
 105 122.5 101.1 141.1
 77 93.6 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): BF1
 Ion 105.00 (104.70 to 105.70): BF1
 Ion 77.00 (76.70 to 77.70): BF1

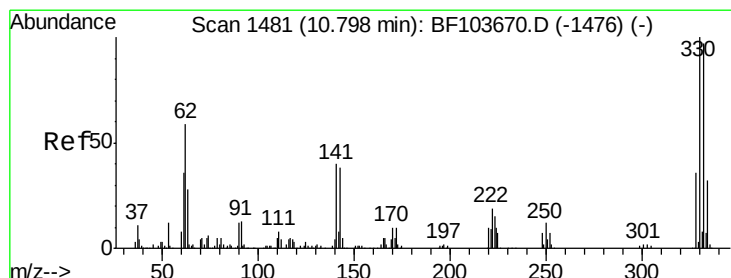
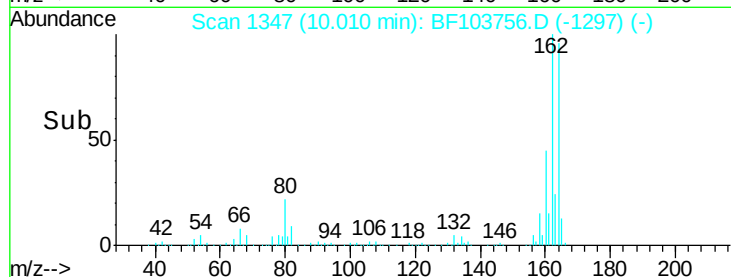
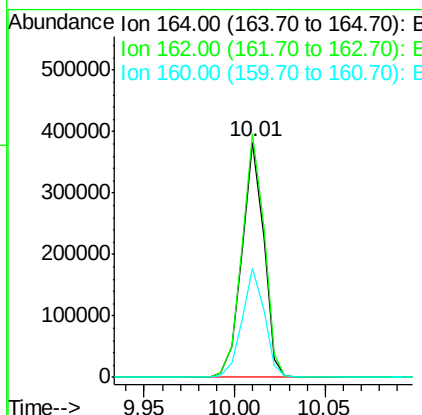
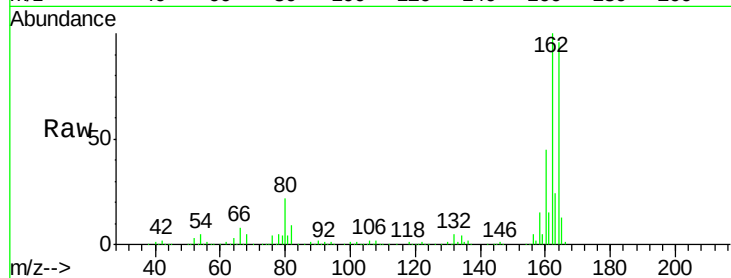




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF103756.D
Acq: 19 Mar 2018 14:50

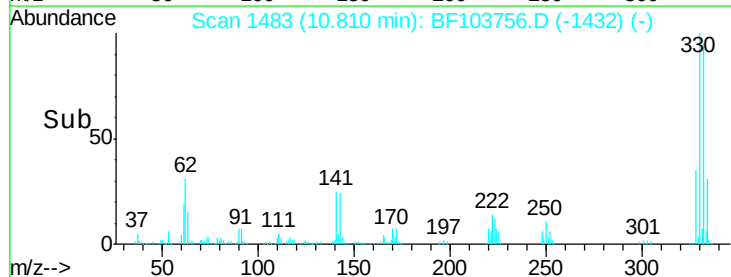
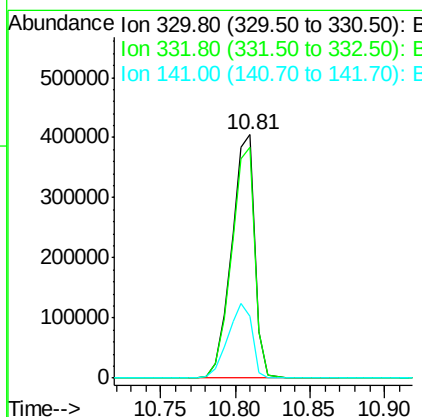
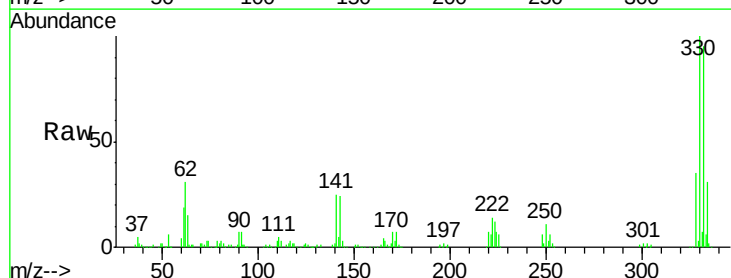
Instrument :
BNA_F
ClientSampleId :
HR-05-031518-C

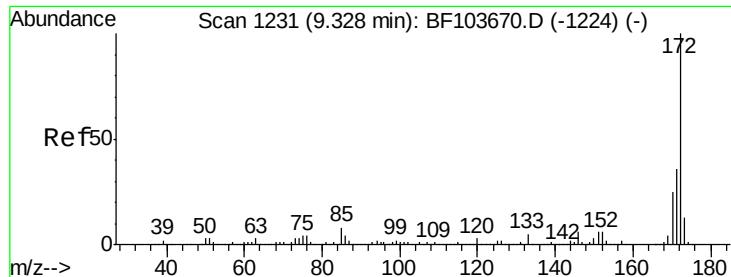
Tot Ion:164 Resp: 321226
Ion Ratio Lower Upper
164 100
162 103.7 86.1 129.1
160 46.3 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 160.147 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BF103756.D
Acq: 19 Mar 2018 14:50

Tgt Ion:330 Resp: 442314
Ion Ratio Lower Upper
330 100
332 95.6 77.0 115.6
141 32.5 29.9 44.9



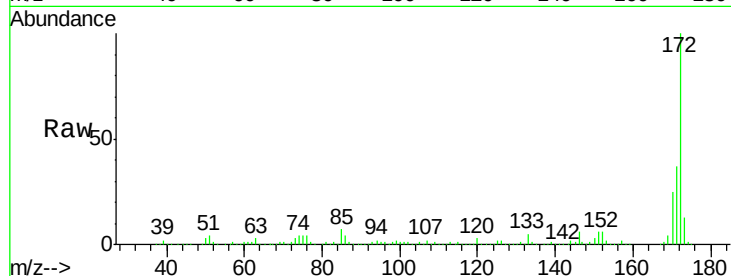


#44
 2-Fluorobiphenyl
 Concen: 86.505 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103756.D
 Acq: 19 Mar 2018 14:50

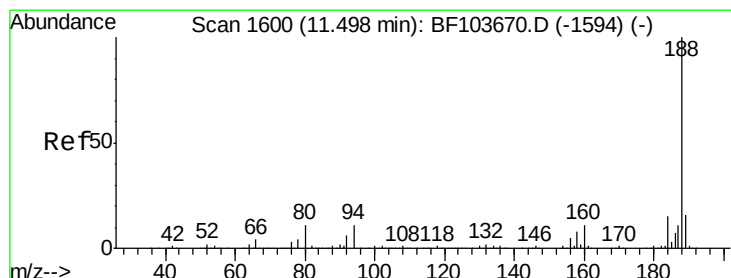
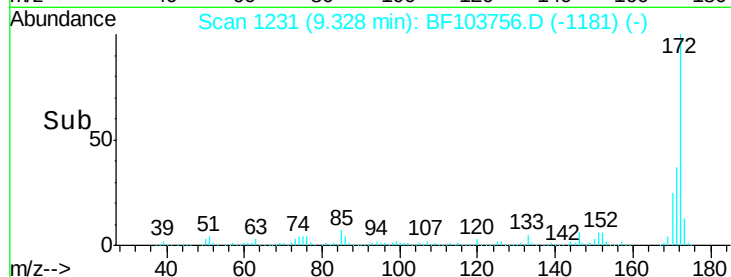
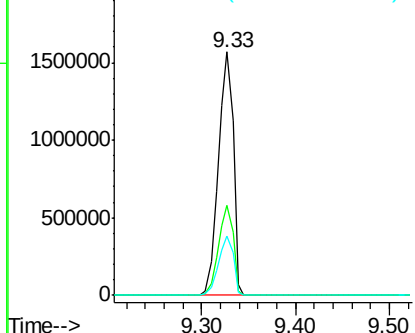
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031518-C

Tot Ion:172 Resp: 1742013

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.5	19.6	29.4



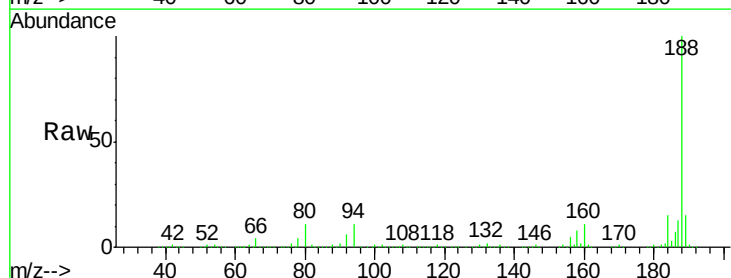
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



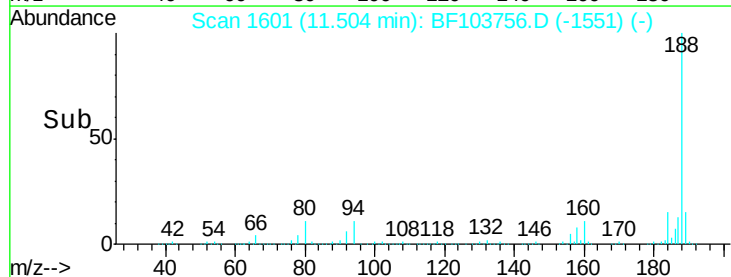
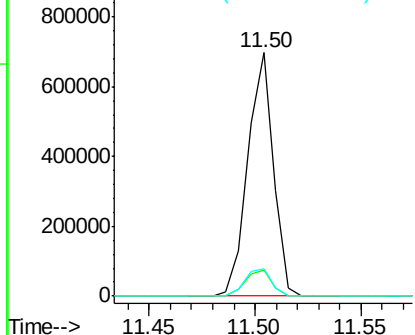
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BF103756.D
 Acq: 19 Mar 2018 14:50

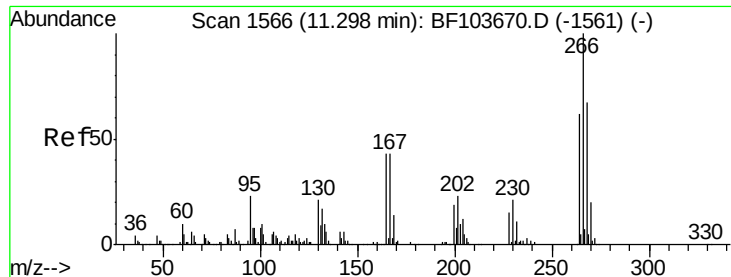
Tgt Ion:188 Resp: 588620

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.4	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

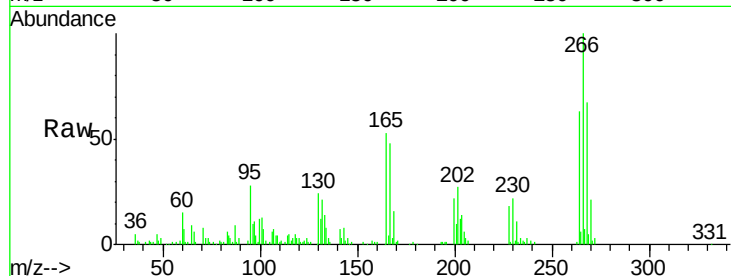




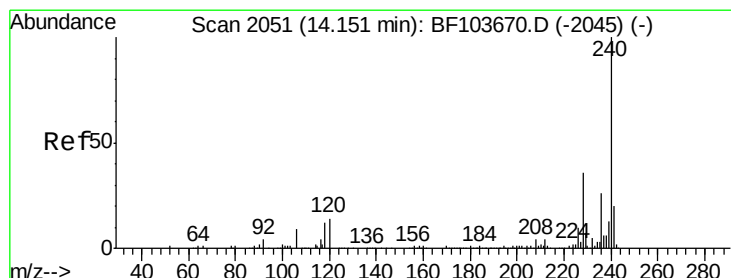
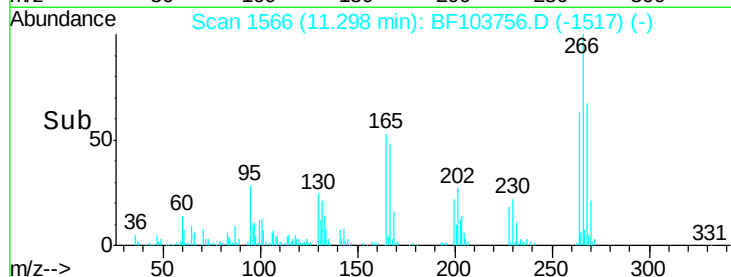
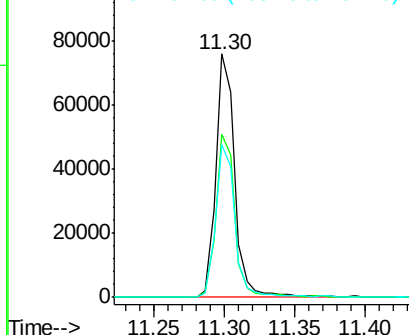
#69
 Pentachlorophenol
 Concen: 17.788 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF103756.D
 Acq: 19 Mar 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031518-C

Tot Ion:266 Resp: 70542
 Ion Ratio Lower Upper
 266 100
 268 67.0 51.1 76.7
 264 62.7 49.5 74.3

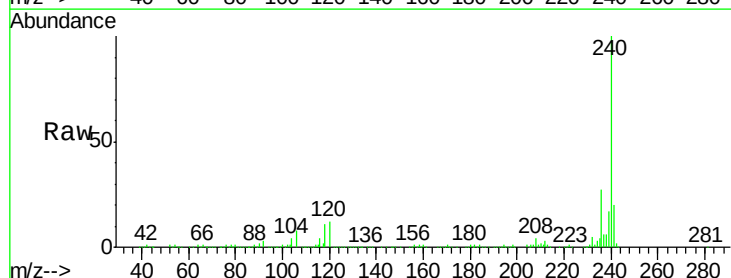


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

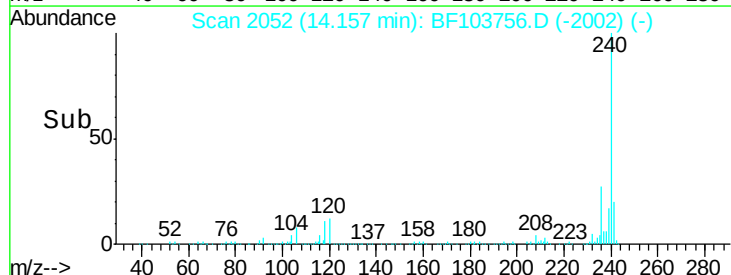
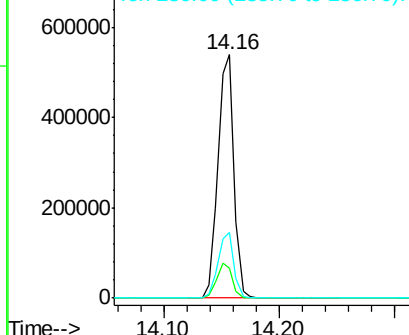


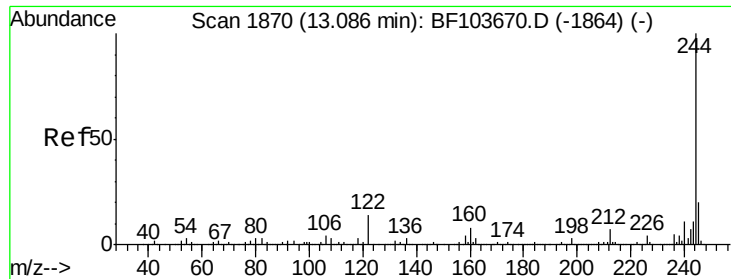
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BF103756.D
 Acq: 19 Mar 2018 14:50

Tgt Ion:240 Resp: 516257
 Ion Ratio Lower Upper
 240 100
 120 12.2 9.5 14.3
 236 26.7 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: 85.758 ng

RT: 13.10 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BF103756.D

Acq: 19 Mar 2018 14:50

Instrument :

BNA_F

ClientSampleId :

HR-05-031518-C

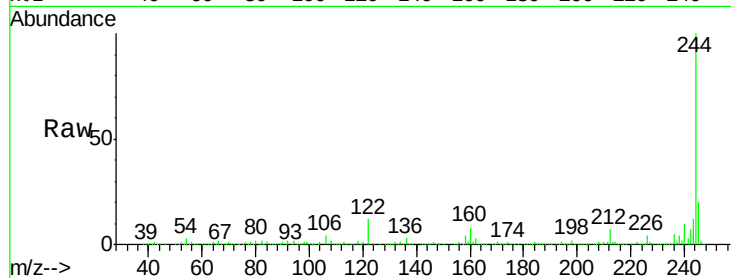
Tot Ion:244 Resp: 1907377

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

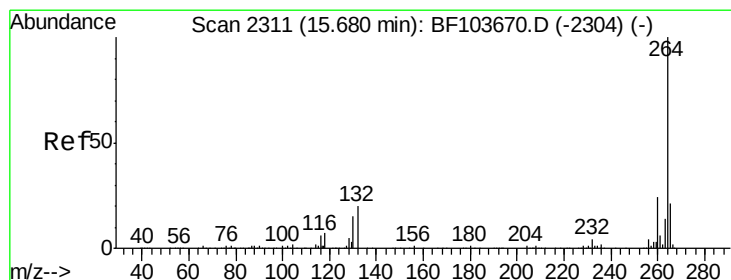
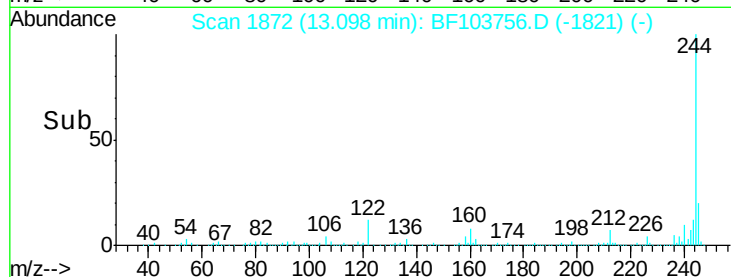
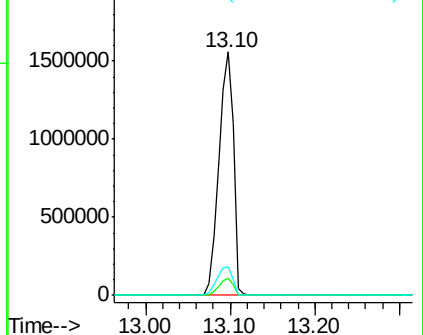
122 11.8 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2313

Delta R.T. -0.01 min

Lab File: BF103756.D

Acq: 19 Mar 2018 14:50

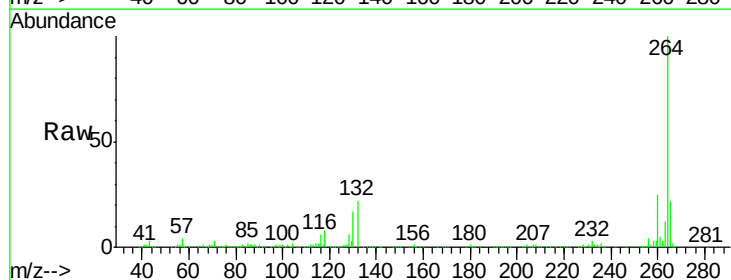
Tgt Ion:264 Resp: 432539

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 22.0 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

