

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041718\
 Data File : BF104569.D
 Acq On : 17 Apr 2018 18:51
 Operator : JU/SJ
 Sample : J2408-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NAA-WS-005

Quant Time: Apr 18 01:15:42 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 17 17:08:38 2018
 Response via : Initial Calibration

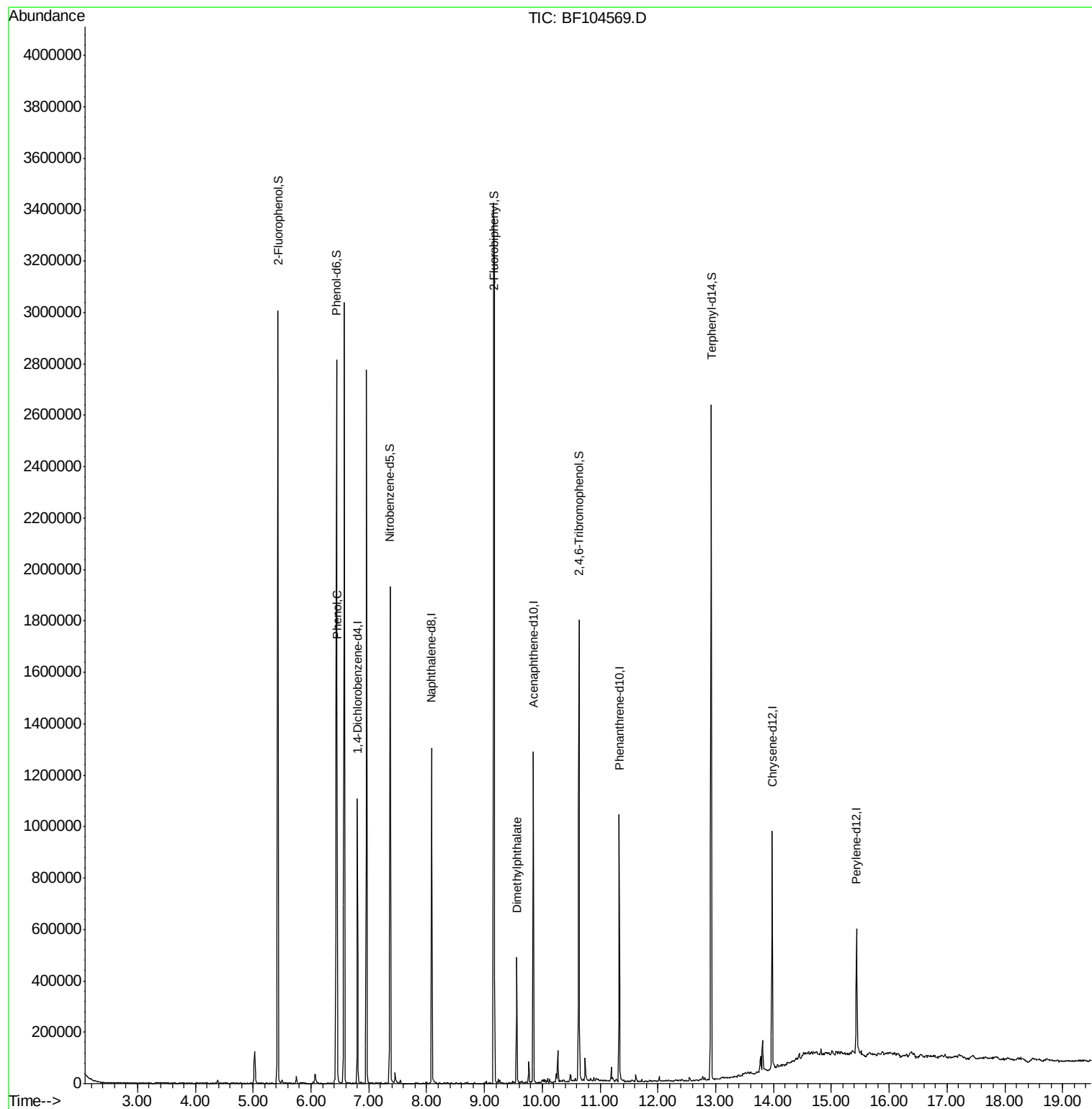
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	143112	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	575668	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	237579	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	358528	20.00	ng	0.00
75) Chrysene-d12	13.97	240	288439	20.00	ng	0.00
86) Perylene-d12	15.44	264	210745	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	935303	99.93	ng	0.01
7) Phenol-d6	6.45	99	1156025	100.53	ng	0.00
23) Nitrobenzene-d5	7.37	82	714147	81.01	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	228054	92.54	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1158096	77.01	ng	0.00
78) Terphenyl-d14	12.92	244	870844	68.83	ng	0.00
Target Compounds						
10) Phenol	6.46	94	48941	4.011	ng	90
49) Dimethylphthalate	9.56	163	174833	9.332	ng	100

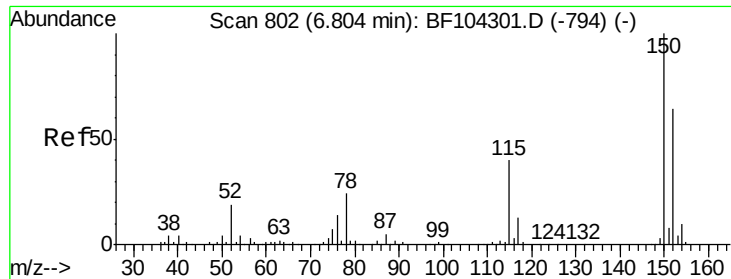
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041718\
Data File : BF104569.D
Acq On : 17 Apr 2018 18:51
Operator : JU/SJ
Sample : J2408-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NAA-WS-005

Quant Time: Apr 18 01:15:42 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 17 17:08:38 2018
Response via : Initial Calibration



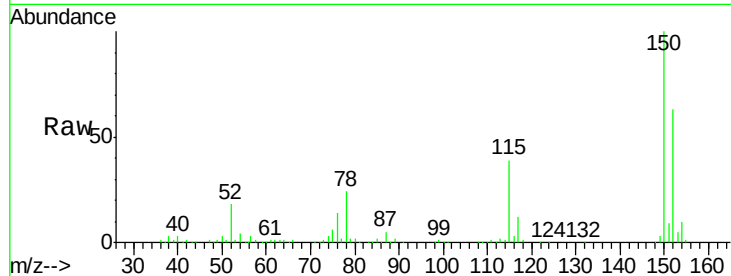


#1

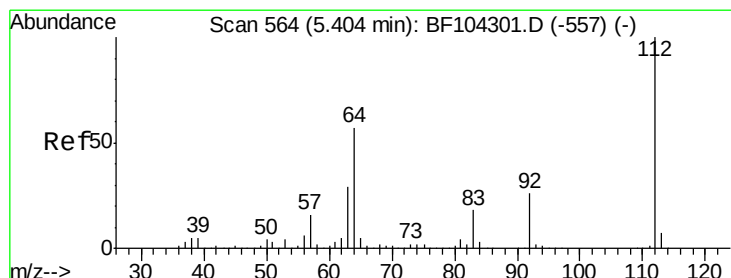
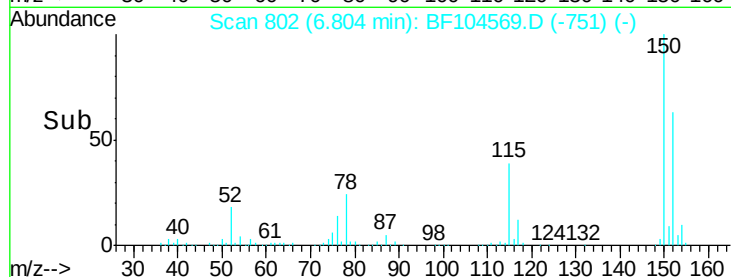
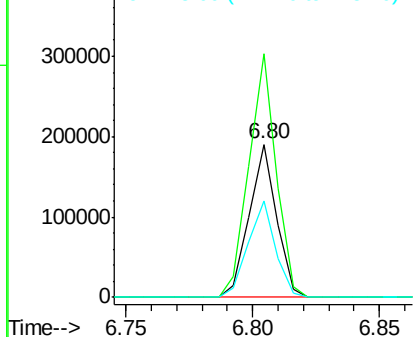
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104569.D
Acq: 17 Apr 2018 18:51

Instrument :
BNA_F
ClientSampleId :
NAA-WS-005

Tot Ion:152 Resp: 143112
Ion Ratio Lower Upper
152 100
150 159.3 124.6 186.8
115 62.9 50.1 75.1



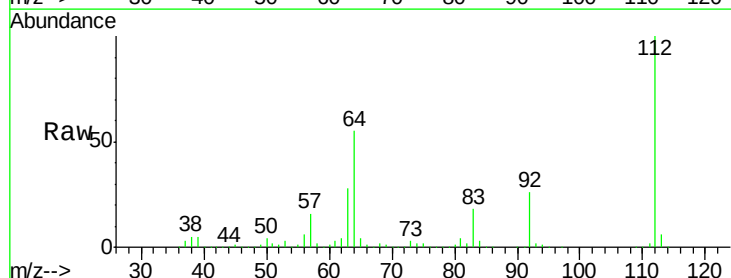
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



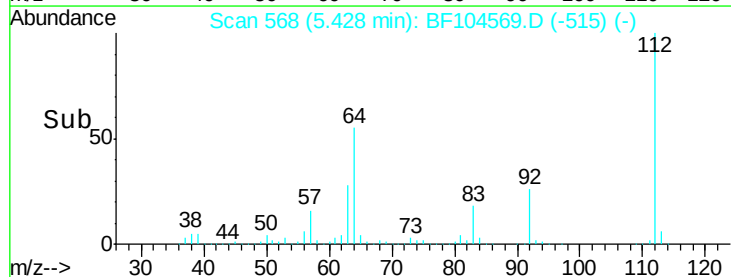
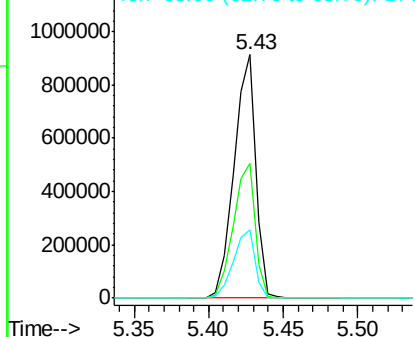
#5

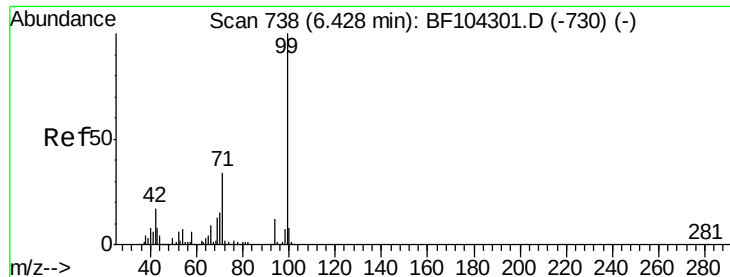
2-Fluorophenol
Concen: 99.931 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104569.D
Acq: 17 Apr 2018 18:51

Tgt Ion:112 Resp: 935303
Ion Ratio Lower Upper
112 100
64 55.4 47.9 71.9
63 28.2 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: 100.526 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104569.D

Acq: 17 Apr 2018 18:51

Instrument :

BNA_F

ClientSampleId :

NAA-WS-005

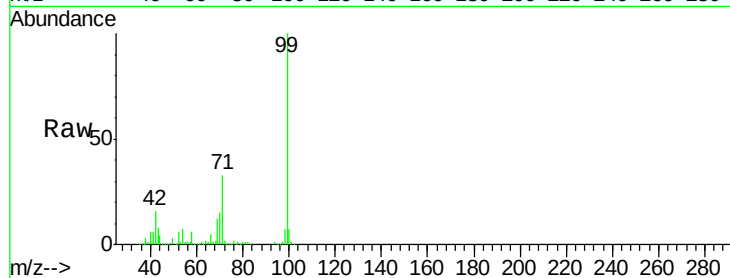
Tot Ion: 99 Resp: 1156025

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

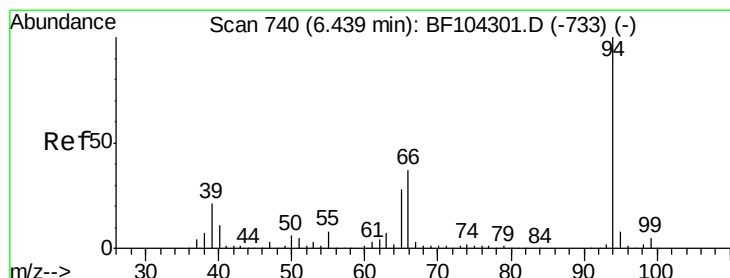
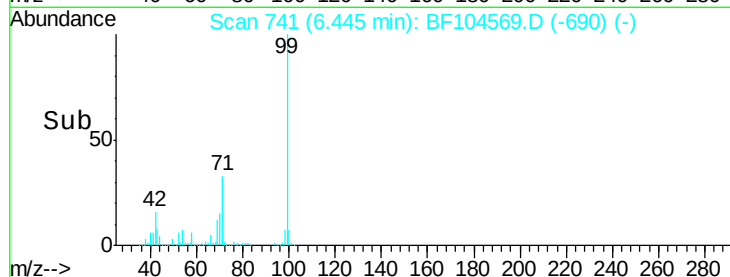
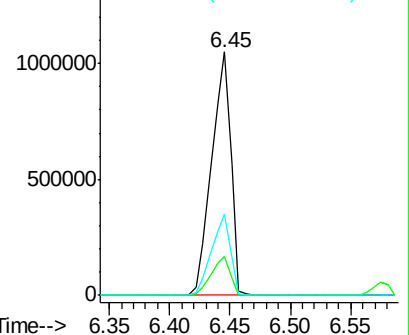
71 33.2 25.4 38.0



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: 4.011 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF104569.D

Acq: 17 Apr 2018 18:51

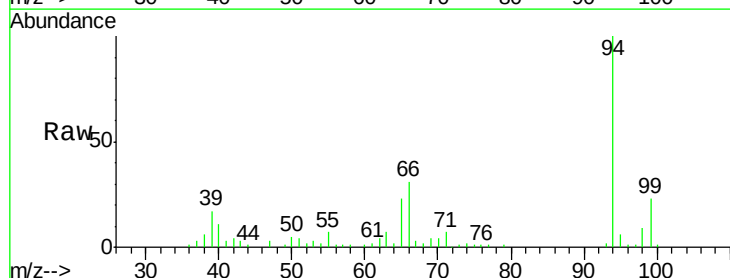
Tgt Ion: 94 Resp: 48941

Ion Ratio Lower Upper

94 100

65 22.7 7.9 47.9

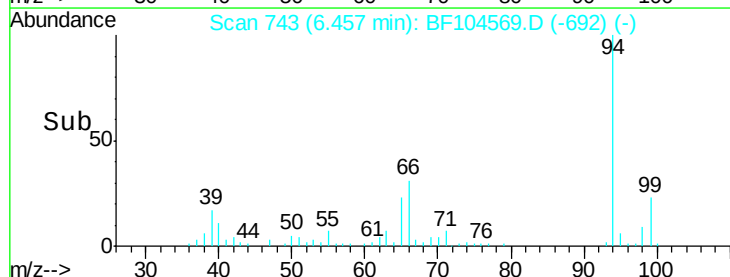
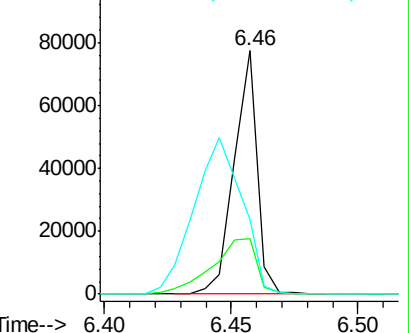
66 30.8 16.2 56.2

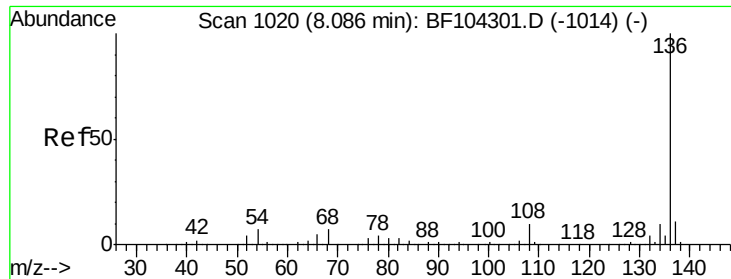


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

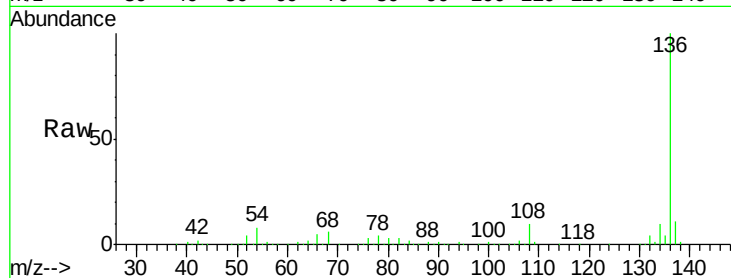




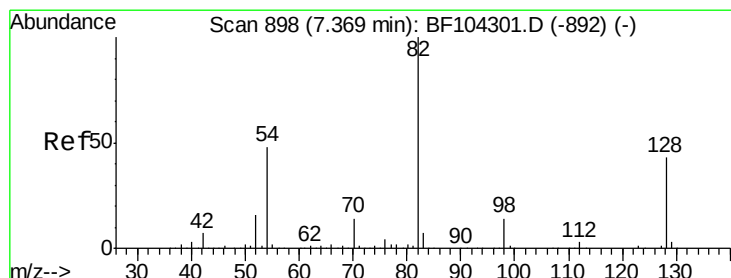
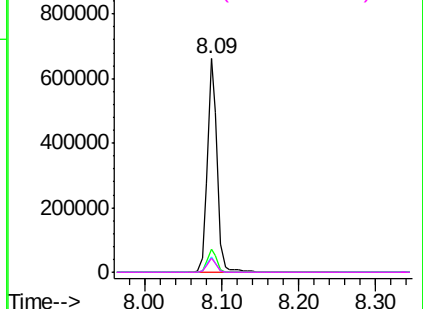
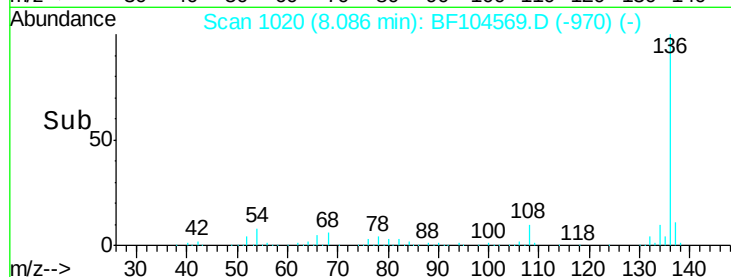
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF104569.D
Acq: 17 Apr 2018 18:51

Instrument :
BNA_F
ClientSampleId :
NAA-WS-005

Tot Ion:136	Resp:	575668
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.9 13.3
54	7.5	6.6 9.8
68	6.4	5.0 7.4

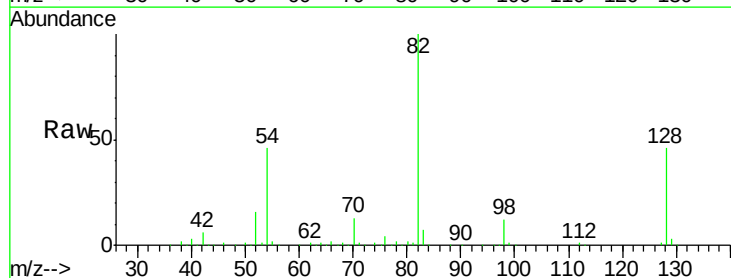


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

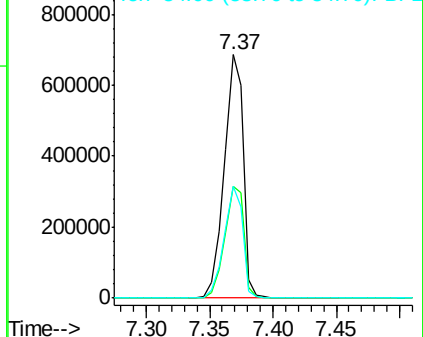
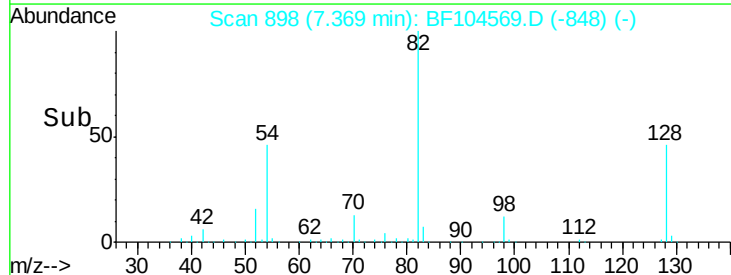


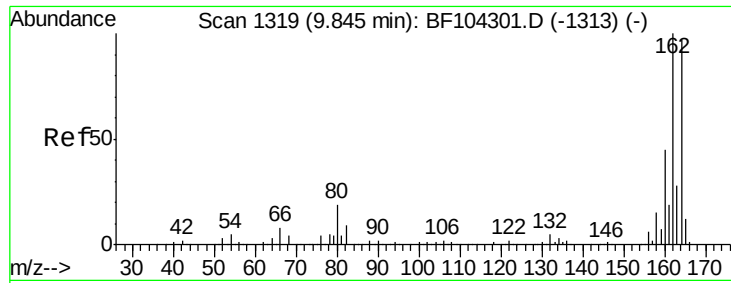
#23
Nitrobenzene-d5
Concen: 81.006 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104569.D
Acq: 17 Apr 2018 18:51

Tgt Ion: 82	Resp:	714147
Ion	Ratio	Lower Upper
82	100	
128	45.7	36.1 54.1
54	46.1	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

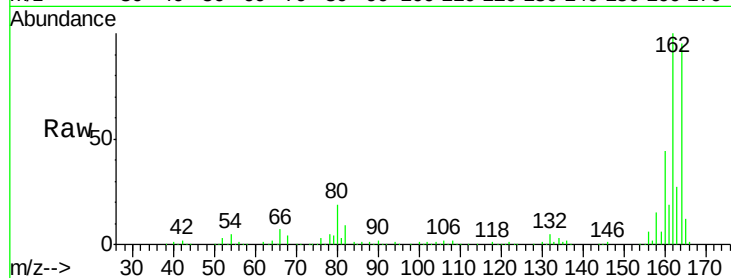




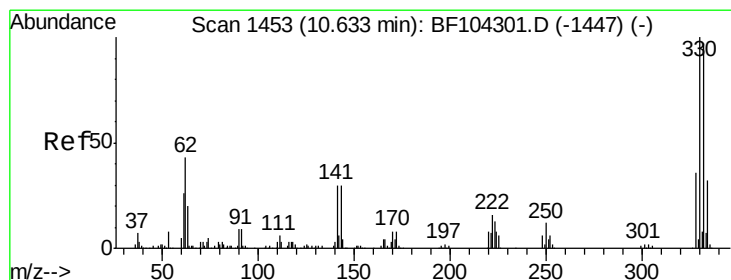
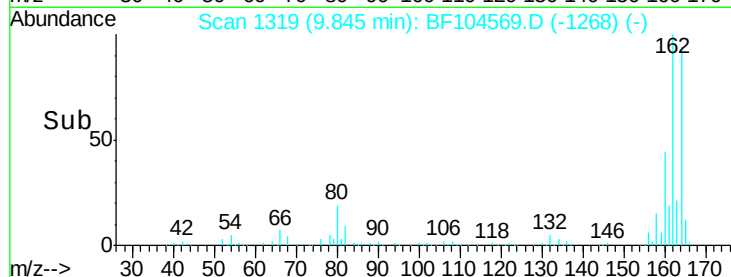
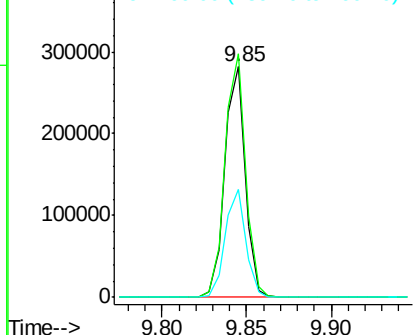
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF104569.D
 Acq: 17 Apr 2018 18:51

Instrument :
 BNA_F
 ClientSampleId :
 NAA-WS-005

Tot Ion:164 Resp: 237579
 Ion Ratio Lower Upper
 164 100
 162 105.6 86.1 129.1
 160 46.7 38.3 57.5

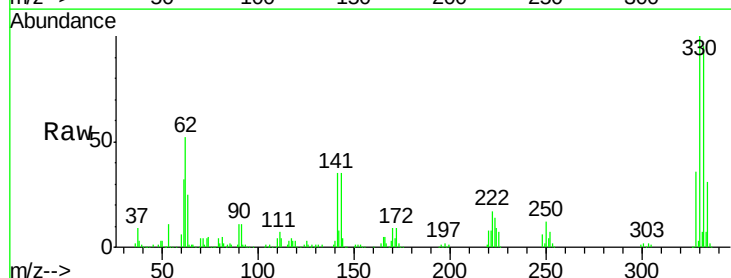


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

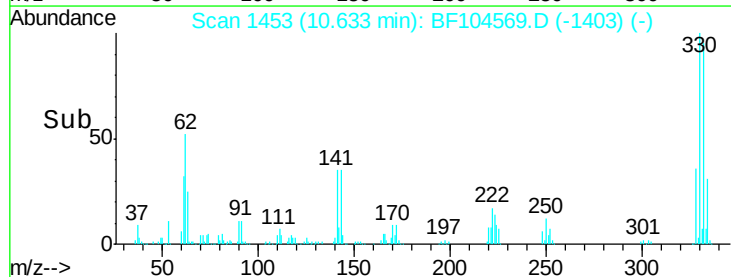
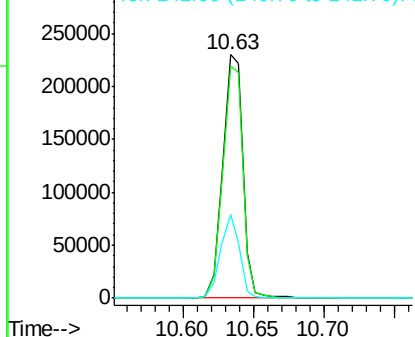


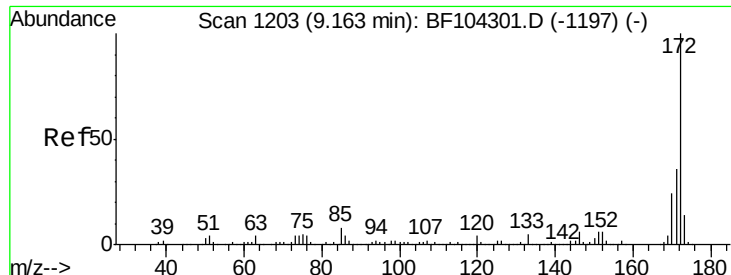
#41
 2,4,6-Tribromophenol
 Concen: 92.537 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104569.D
 Acq: 17 Apr 2018 18:51

Tgt Ion:330 Resp: 228054
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 32.6 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

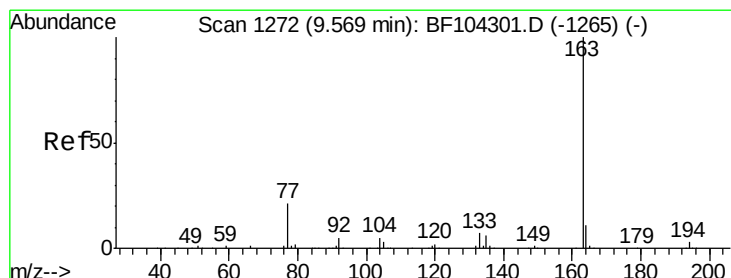
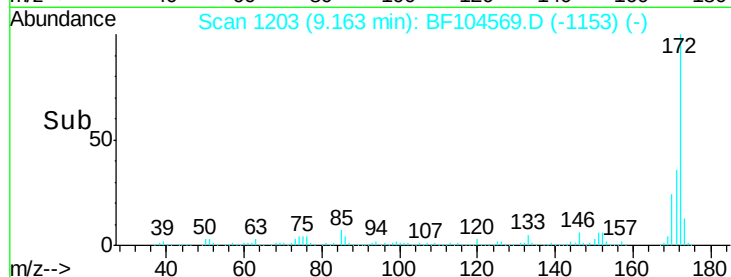
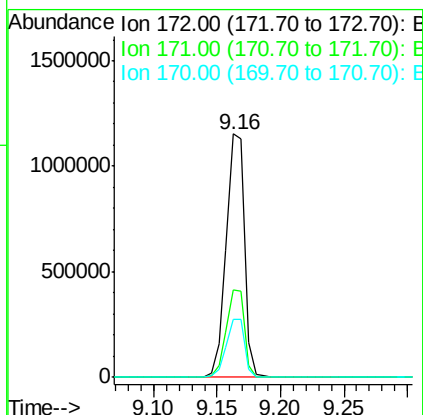
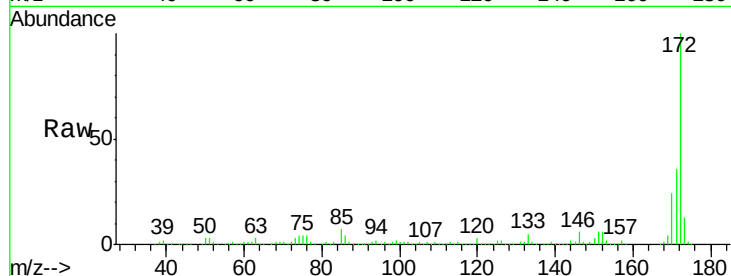




#44
2-Fluorobiphenyl
Concen: 77.006 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF104569.D
Acq: 17 Apr 2018 18:51

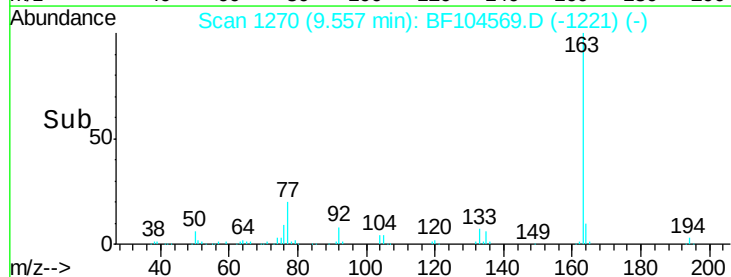
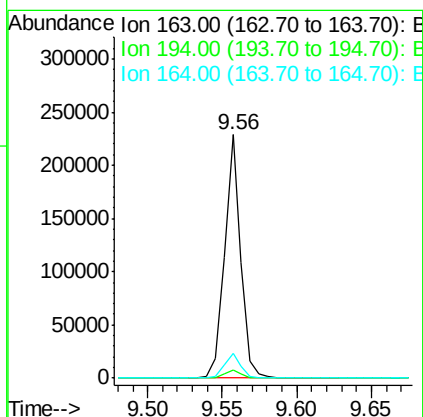
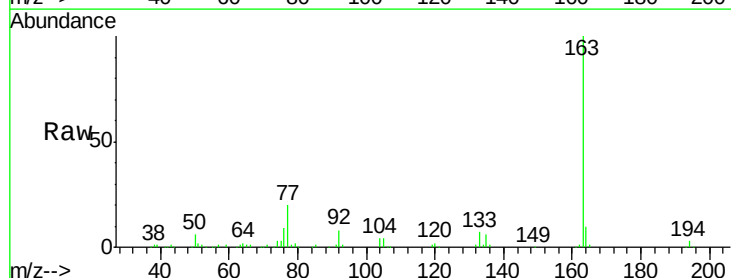
Instrument :
BNA_F
ClientSampleId :
NAA-WS-005

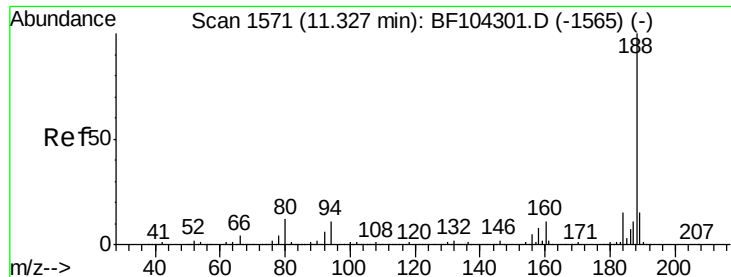
Tot Ion:172 Resp: 1158096
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 23.8 19.6 29.4



#49
Dimethylphthalate
Concen: 9.332 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104569.D
Acq: 17 Apr 2018 18:51

Tgt Ion:163 Resp: 174833
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.1 8.2 12.2

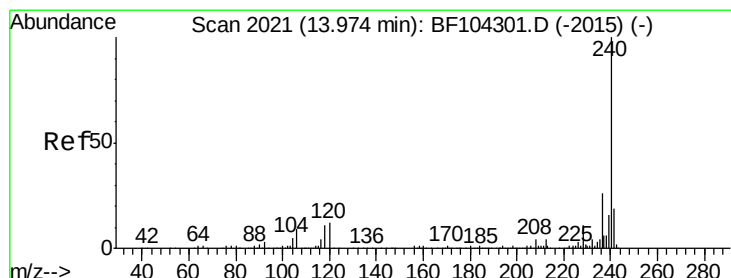
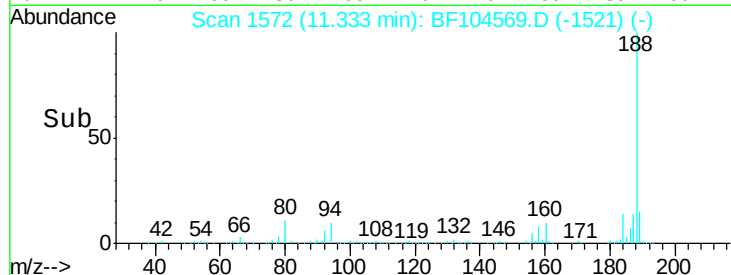
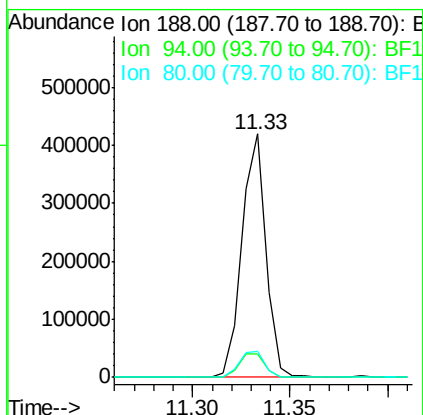
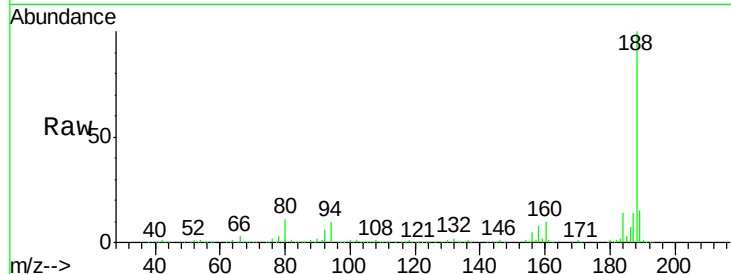




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF104569.D
Acq: 17 Apr 2018 18:51

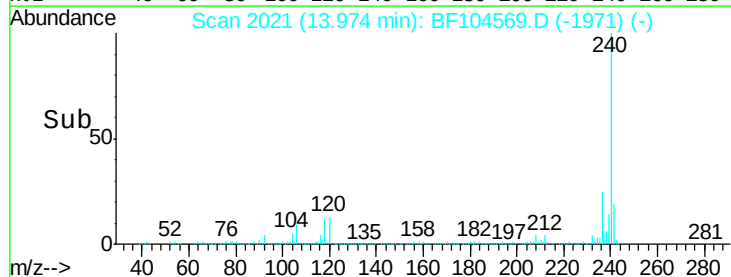
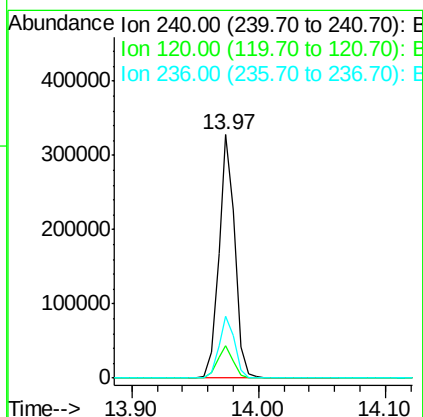
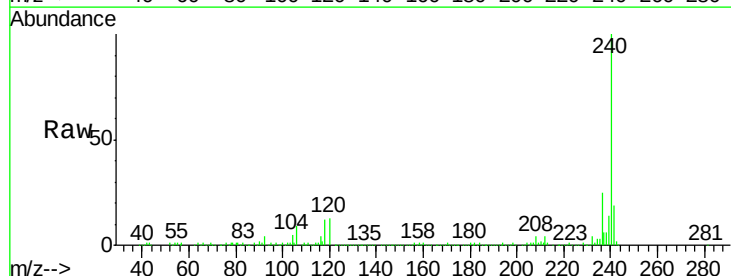
Instrument :
BNA_F
ClientSampled :
NAA-WS-005

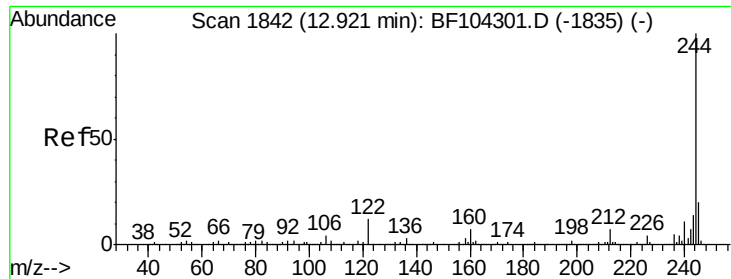
Tot Ion:188 Resp: 358528
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.7 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104569.D
Acq: 17 Apr 2018 18:51

Tgt Ion:240 Resp: 288439
Ion Ratio Lower Upper
240 100
120 13.2 9.5 14.3
236 25.4 20.7 31.1





#78

Terphenyl-d14

Concen: 68.832 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF104569.D

Acq: 17 Apr 2018 18:51

Instrument :

BNA_F

ClientSampleId :

NAA-WS-005

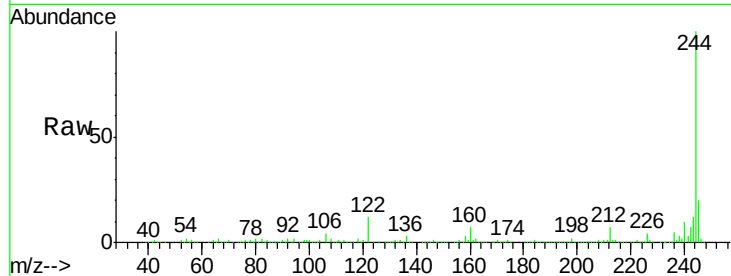
Tot Ion:244 Resp: 870844

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

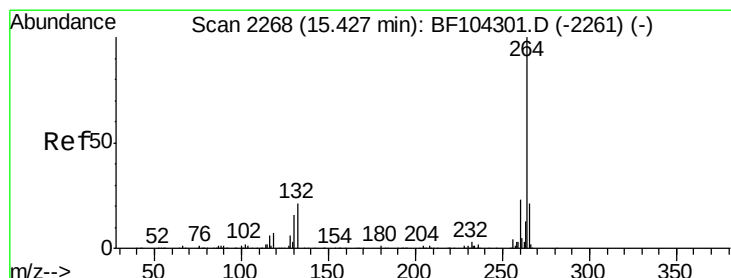
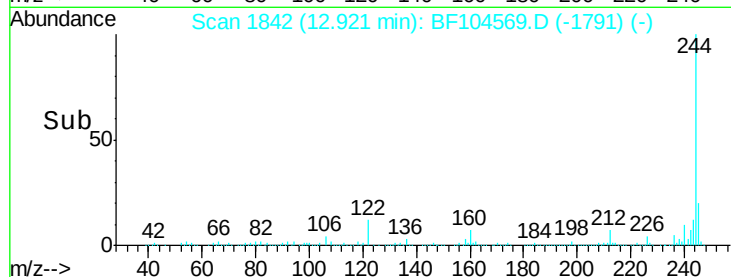
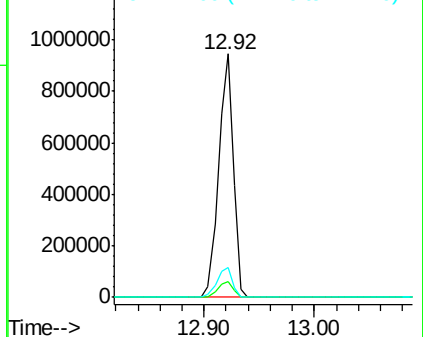
122 12.3 11.0 16.4



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: 15.44 min Scan# 2270

Delta R.T. 0.00 min

Lab File: BF104569.D

Acq: 17 Apr 2018 18:51

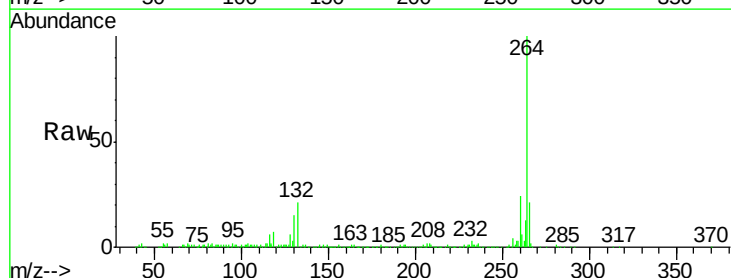
Tgt Ion:264 Resp: 210745

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.1 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

