

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104068.D
 Acq On : 29 Mar 2018 22:52
 Operator : JU/SJ
 Sample : J2103-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-1

Quant Time: Mar 30 05:47:31 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

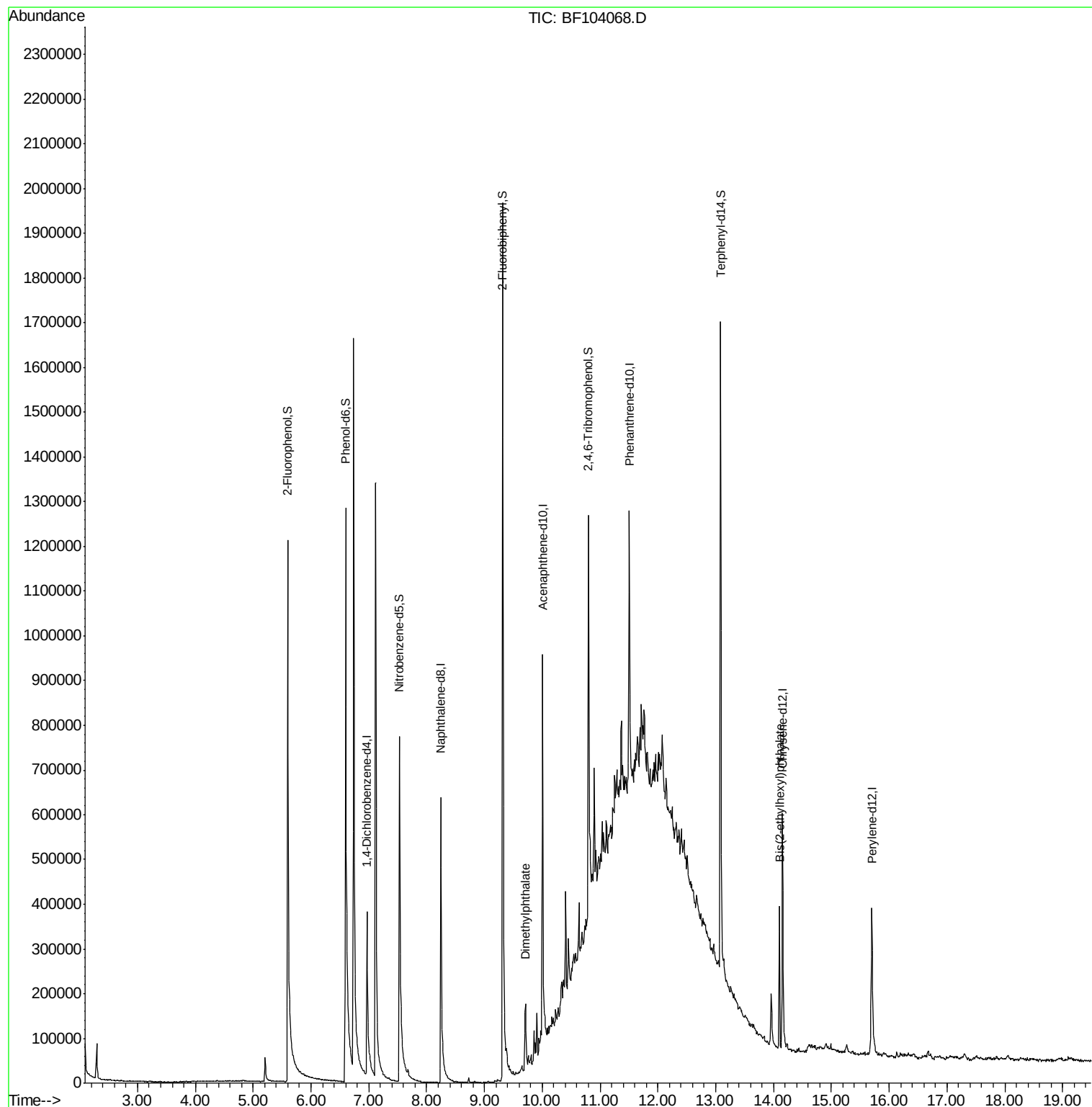
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	117083	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	493464	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	216716	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	312529	20.00	ng	0.00
75) Chrysene-d12	14.16	240	234584	20.00	ng	0.00
86) Perylene-d12	15.70	264	217366	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	659842	89.87	ng	0.00
7) Phenol-d6	6.60	99	887852	98.29	ng	0.00
23) Nitrobenzene-d5	7.53	82	517099	64.08	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	180171	74.66	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	825028	60.03	ng	0.00
78) Terphenyl-d14	13.09	244	620702	61.09	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	79165	4.627	ng	99
83) Bis(2-ethylhexyl)phthalate	14.10	149	92656	9.026	ng	100

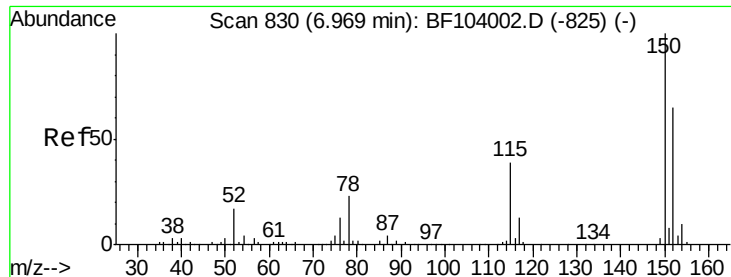
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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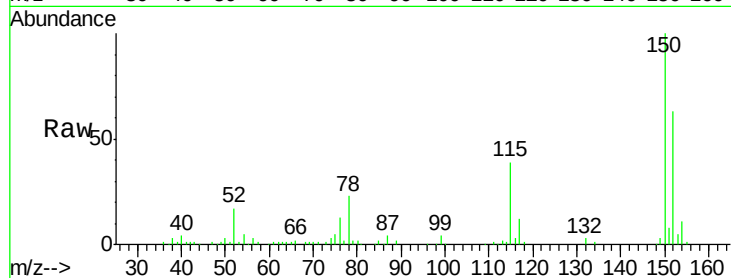


#1

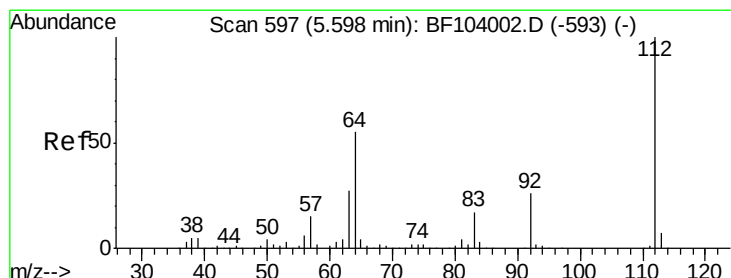
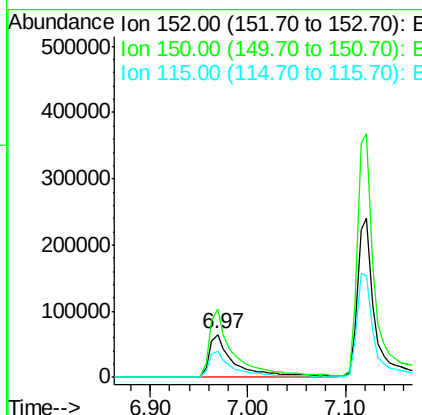
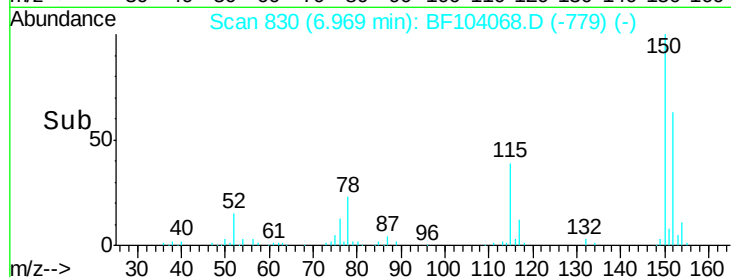
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104068.D
Acq: 29 Mar 2018 22:52

Instrument :
BNA_F
ClientSampleId :
LS-SOIL-1

Tot Ion:152 Resp: 117083
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 61.0 50.1 75.1



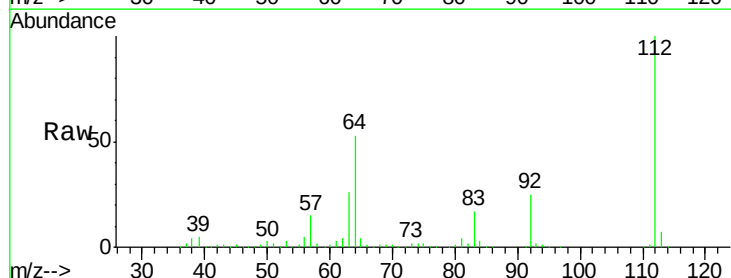
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



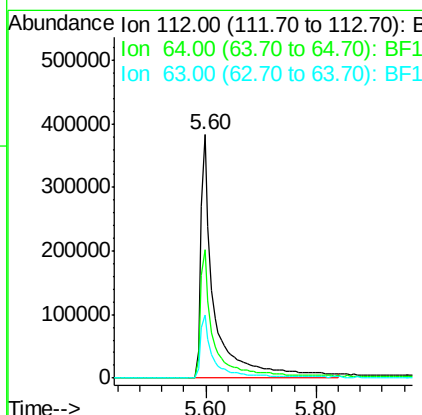
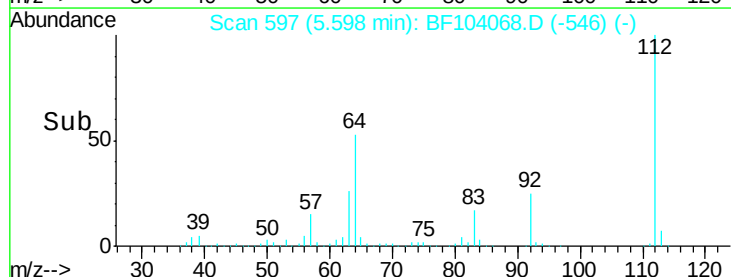
#5

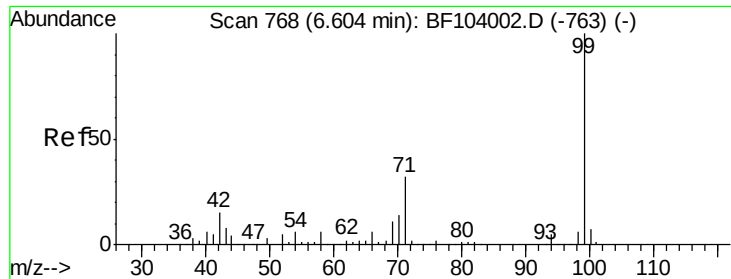
2-Fluorophenol
Concen: 89.875 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF104068.D
Acq: 29 Mar 2018 22:52

Tgt Ion:112 Resp: 659842
Ion Ratio Lower Upper
112 100
64 53.0 47.9 71.9
63 26.1 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: 98.294 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104068.D

Acq: 29 Mar 2018 22:52

Instrument :

BNA_F

ClientSampleId :

LS-SOIL-1

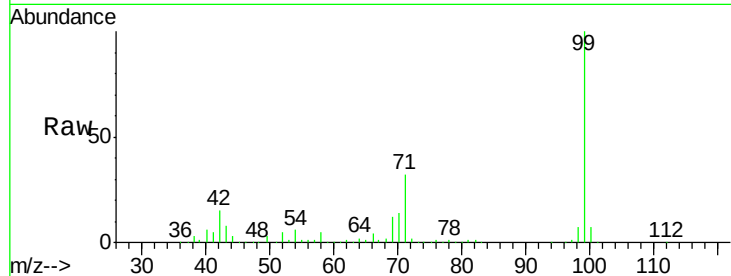
Tot Ion: 99 Resp: 887852

Ion Ratio Lower Upper

99 100

42 15.0 14.5 21.7

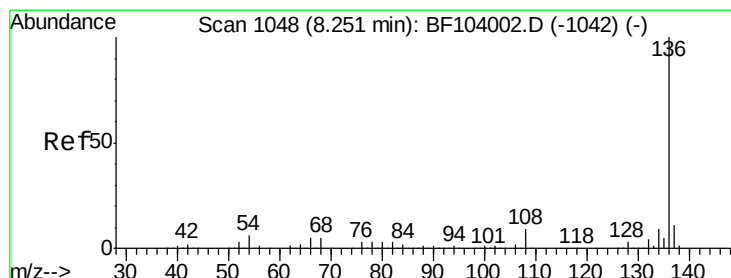
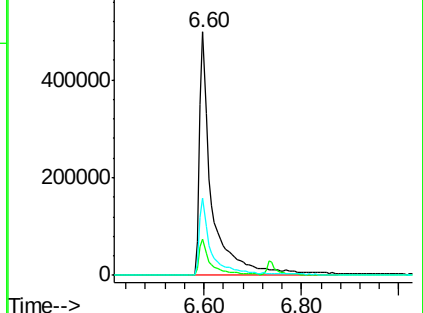
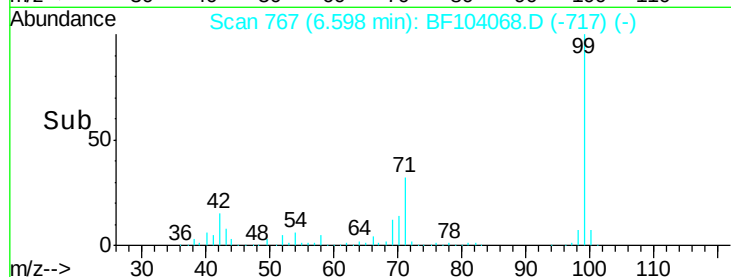
71 31.8 25.4 38.0



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: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF104068.D

Acq: 29 Mar 2018 22:52

Tgt Ion: 136 Resp: 493464

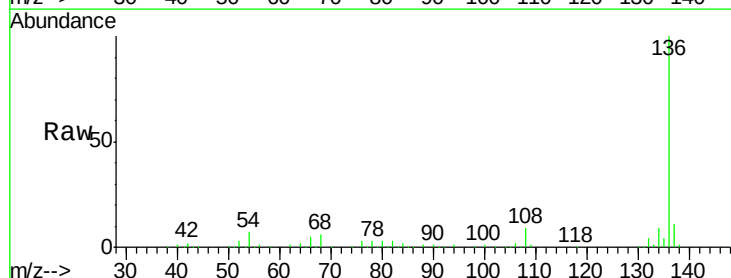
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.7 6.6 9.8

68 5.6 5.0 7.4

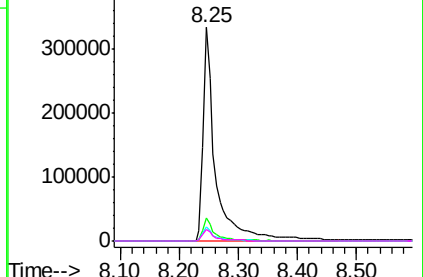
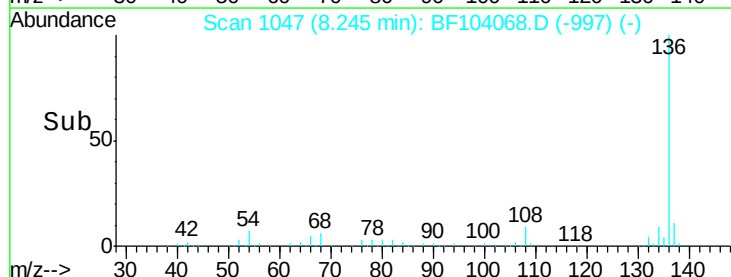


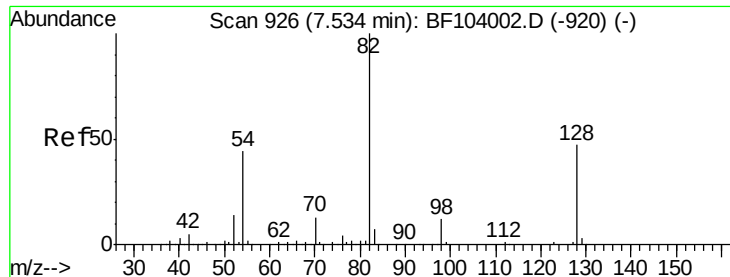
Abundance Ion 136.00 (135.70 to 136.70): E

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

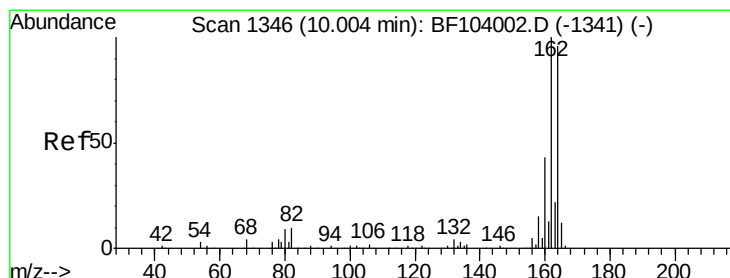
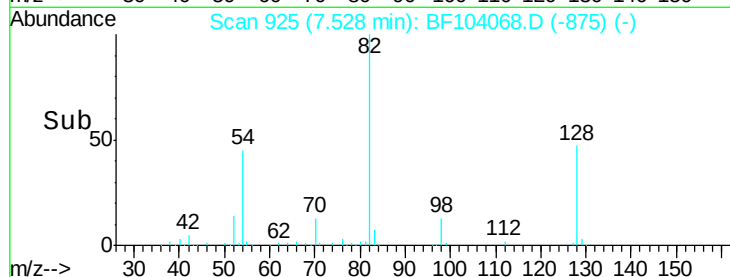
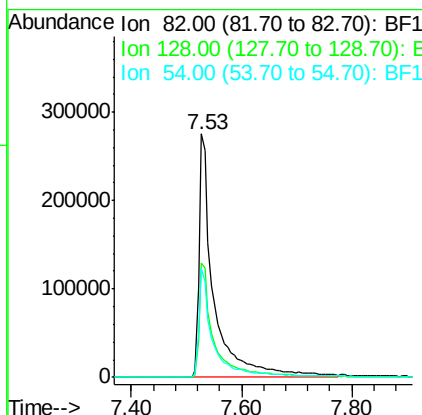
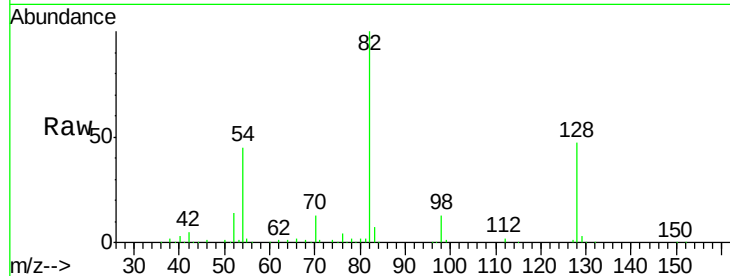




#23
 Nitrobenzene-d5
 Concen: 64.085 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF104068.D
 Acq: 29 Mar 2018 22:52

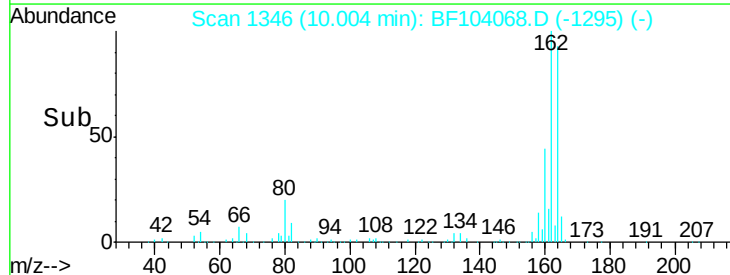
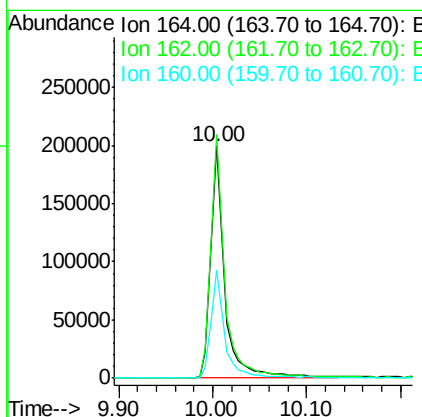
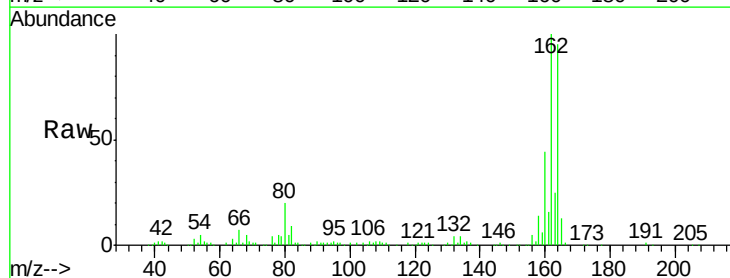
Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-1

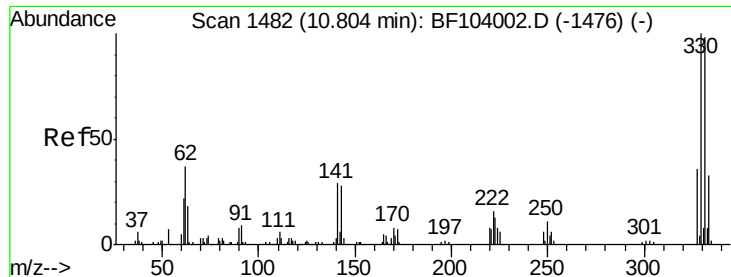
Tot Ion: 82 Resp: 517099
 Ion Ratio Lower Upper
 82 100
 128 47.0 36.1 54.1
 54 44.9 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: BF104068.D
 Acq: 29 Mar 2018 22:52

Tgt Ion:164 Resp: 216716
 Ion Ratio Lower Upper
 164 100
 162 105.0 86.1 129.1
 160 46.4 38.3 57.5

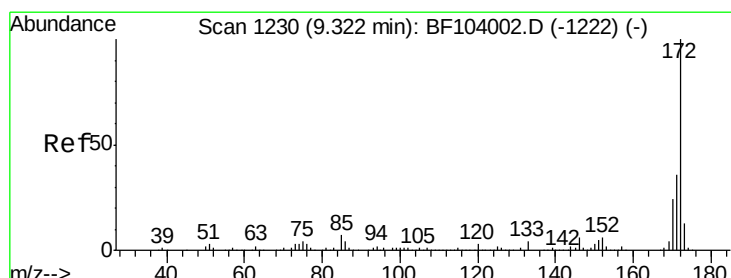
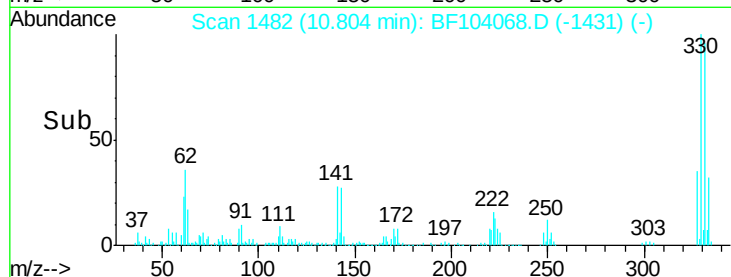
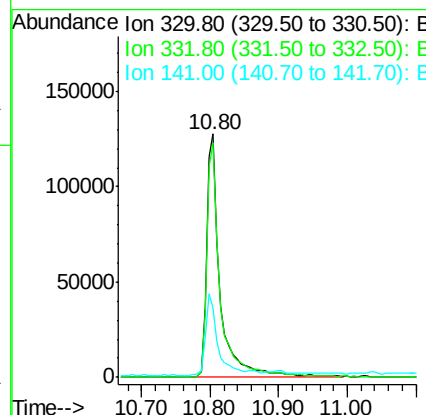
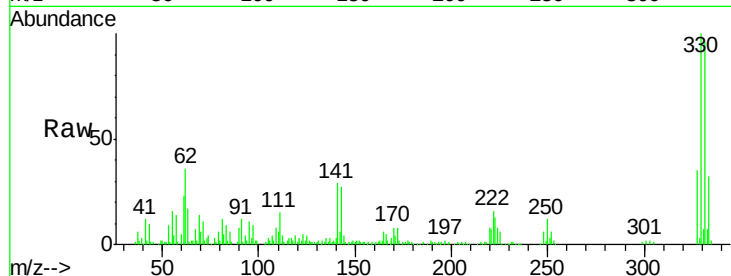




#41
 2,4,6-Tribromophenol
 Concen: 74.663 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: BF104068.D
 Acq: 29 Mar 2018 22:52

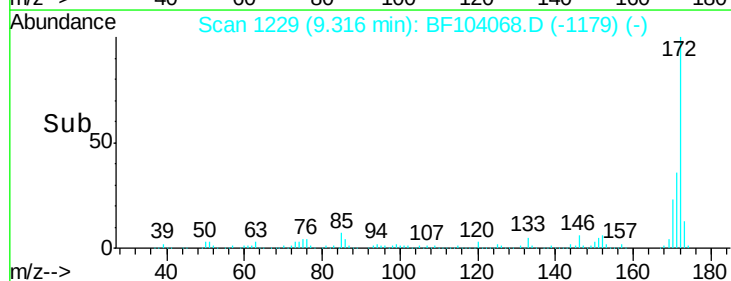
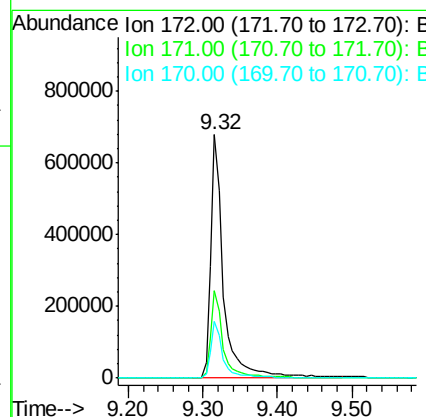
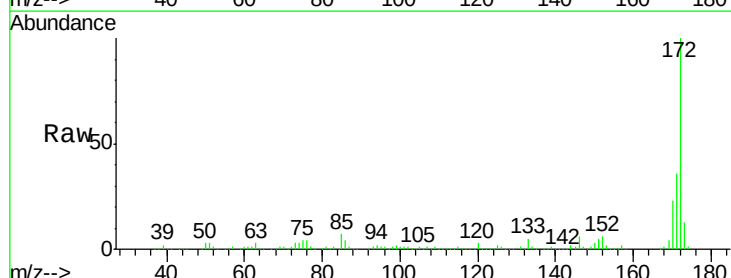
Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-1

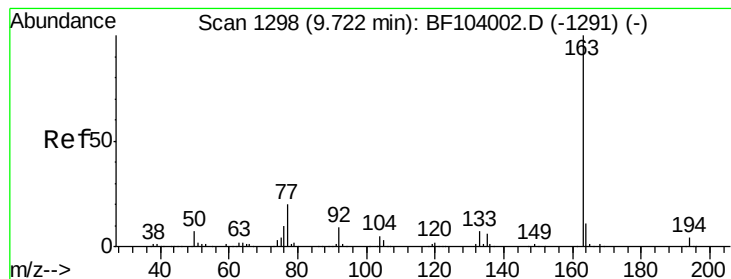
Tot Ion:330 Resp: 180171
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 31.8 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 60.032 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF104068.D
 Acq: 29 Mar 2018 22:52

Tgt Ion:172 Resp: 825028
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.3 19.6 29.4





#49

Dimethylphthalate

Concen: 4.627 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF104068.D

Acq: 29 Mar 2018 22:52

Instrument :

BNA_F

ClientSampleId :

LS-SOIL-1

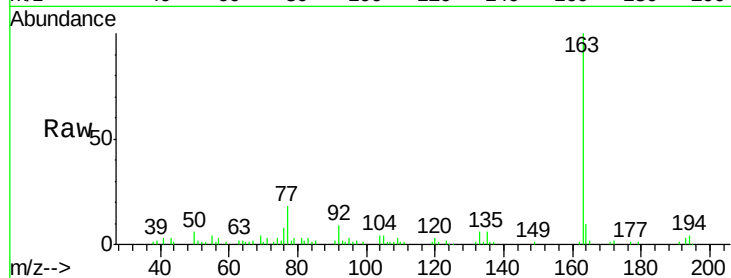
Tot Ion:163 Resp: 79165

Ion Ratio Lower Upper

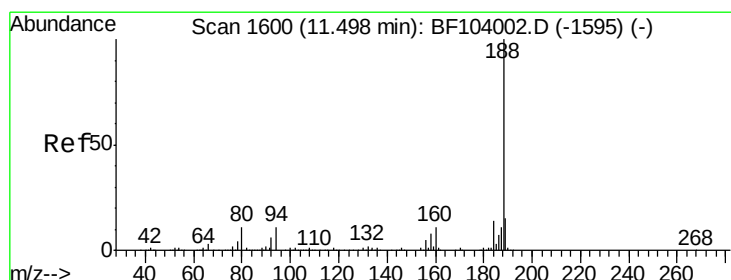
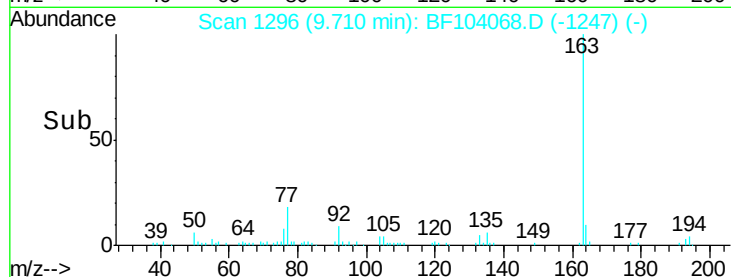
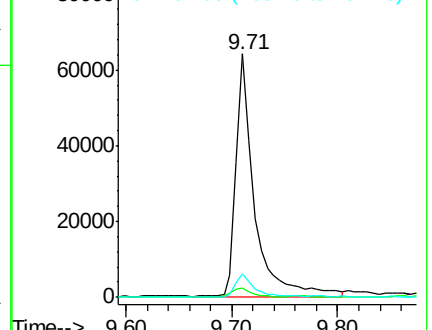
163 100

194 3.8 2.7 4.1

164 9.8 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: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: BF104068.D

Acq: 29 Mar 2018 22:52

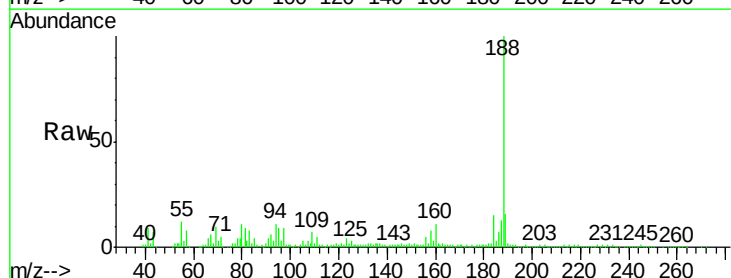
Tgt Ion:188 Resp: 312529

Ion Ratio Lower Upper

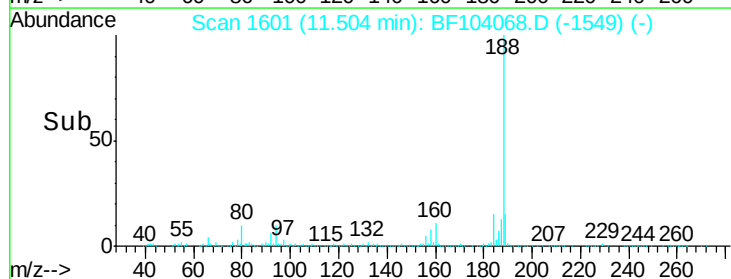
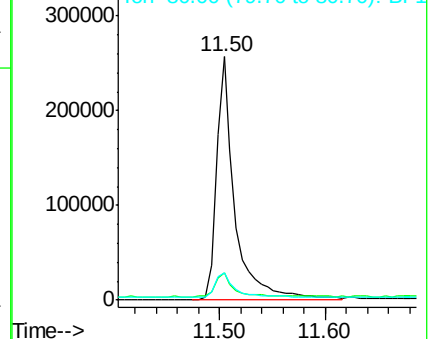
188 100

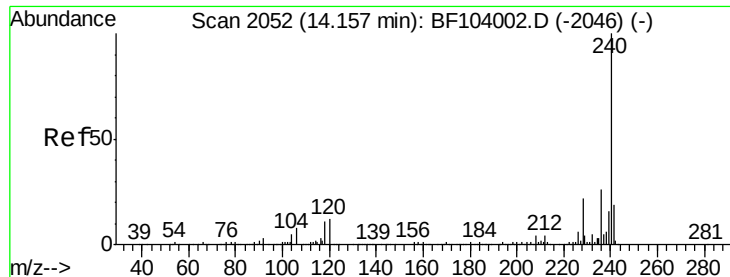
94 11.4 8.5 12.7

80 11.3 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# 2052

Delta R.T. -0.00 min

Lab File: BF104068.D

Acq: 29 Mar 2018 22:52

Instrument :

BNA_F

ClientSampleId :

LS-SOIL-1

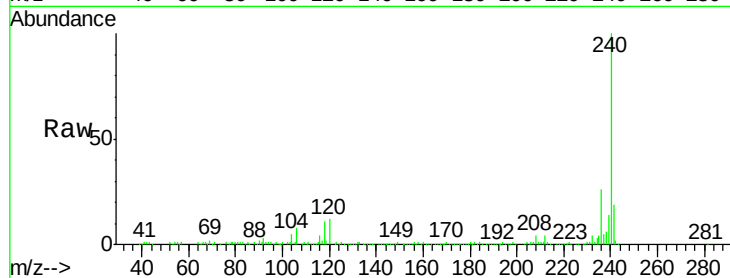
Tot Ion:240 Resp: 234584

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

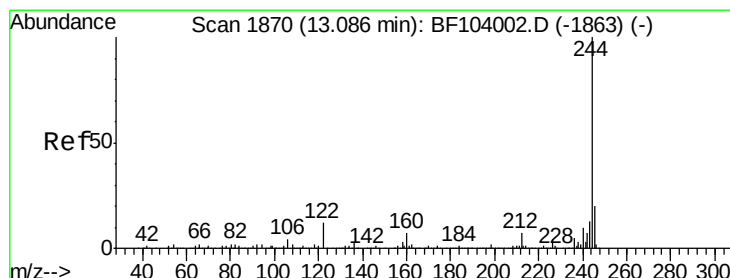
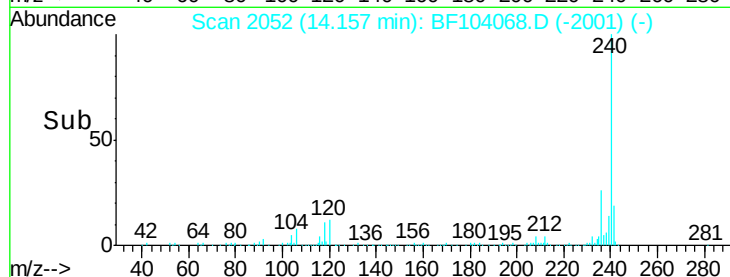
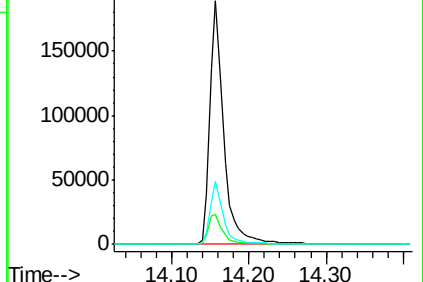
236 25.7 20.7 31.1



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: 61.094 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BF104068.D

Acq: 29 Mar 2018 22:52

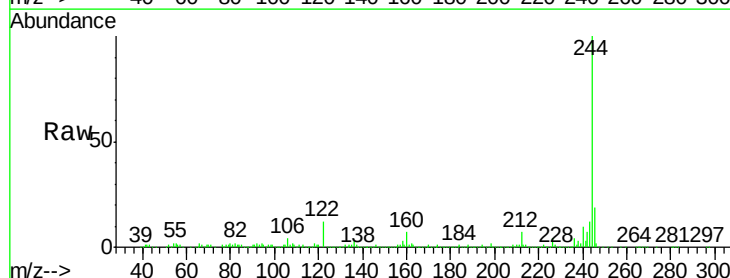
Tgt Ion:244 Resp: 620702

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

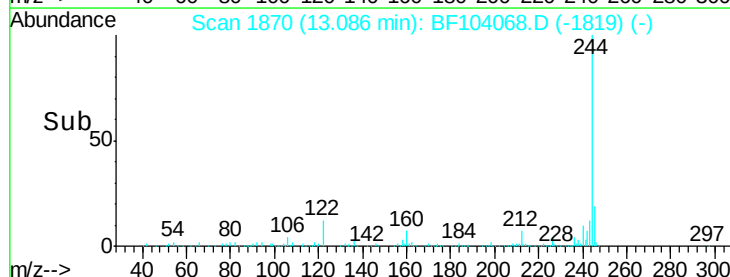
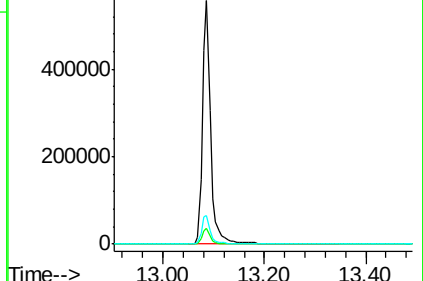
122 11.9 11.0 16.4

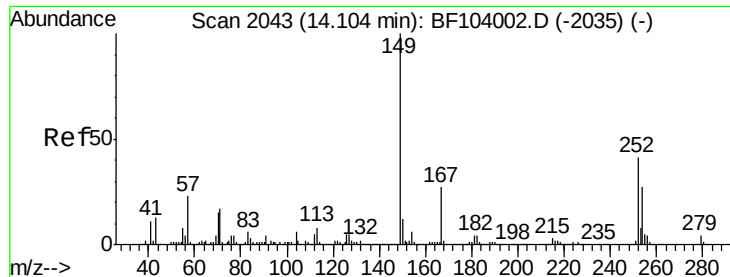


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 9.026 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BF104068.D

Acq: 29 Mar 2018 22:52

Instrument :

BNA_F

ClientSampled :

LS-SOIL-1

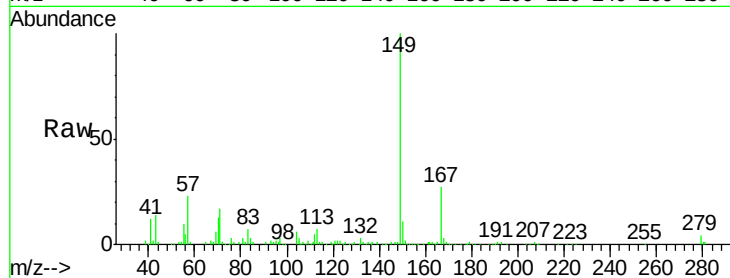
Tot Ion:149 Resp: 92656

Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

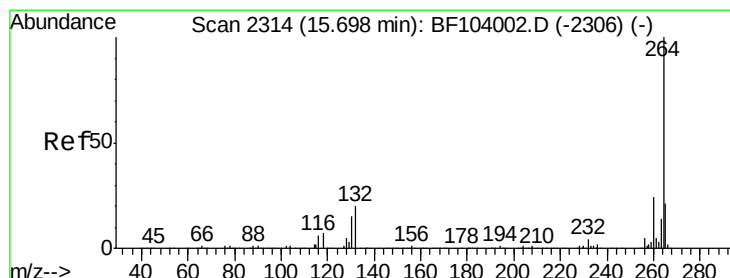
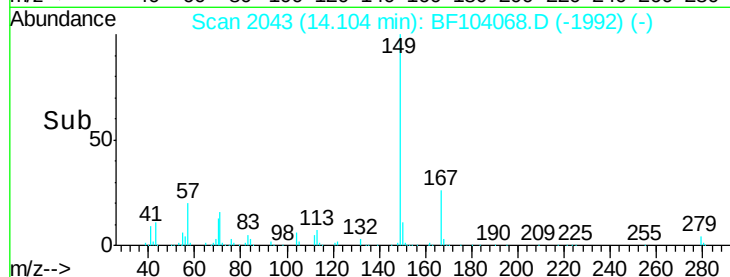
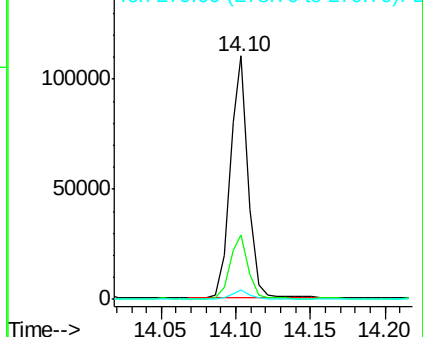
279 3.8 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.70 min Scan# 2315

Delta R.T. 0.01 min

Lab File: BF104068.D

Acq: 29 Mar 2018 22:52

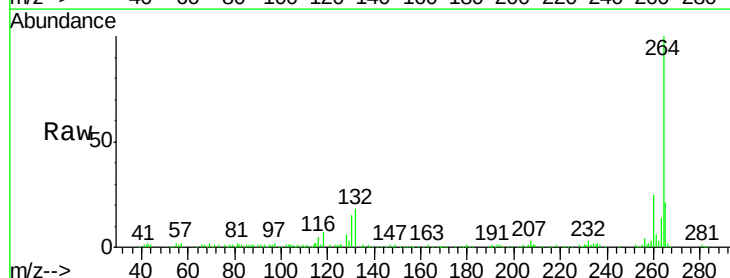
Tgt Ion:264 Resp: 217366

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 21.3 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

