

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107810.D
 Acq On : 30 Jul 2018 19:53
 Operator : JU/SJ
 Sample : J4217-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-1

Quant Time: Jul 31 02:36:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

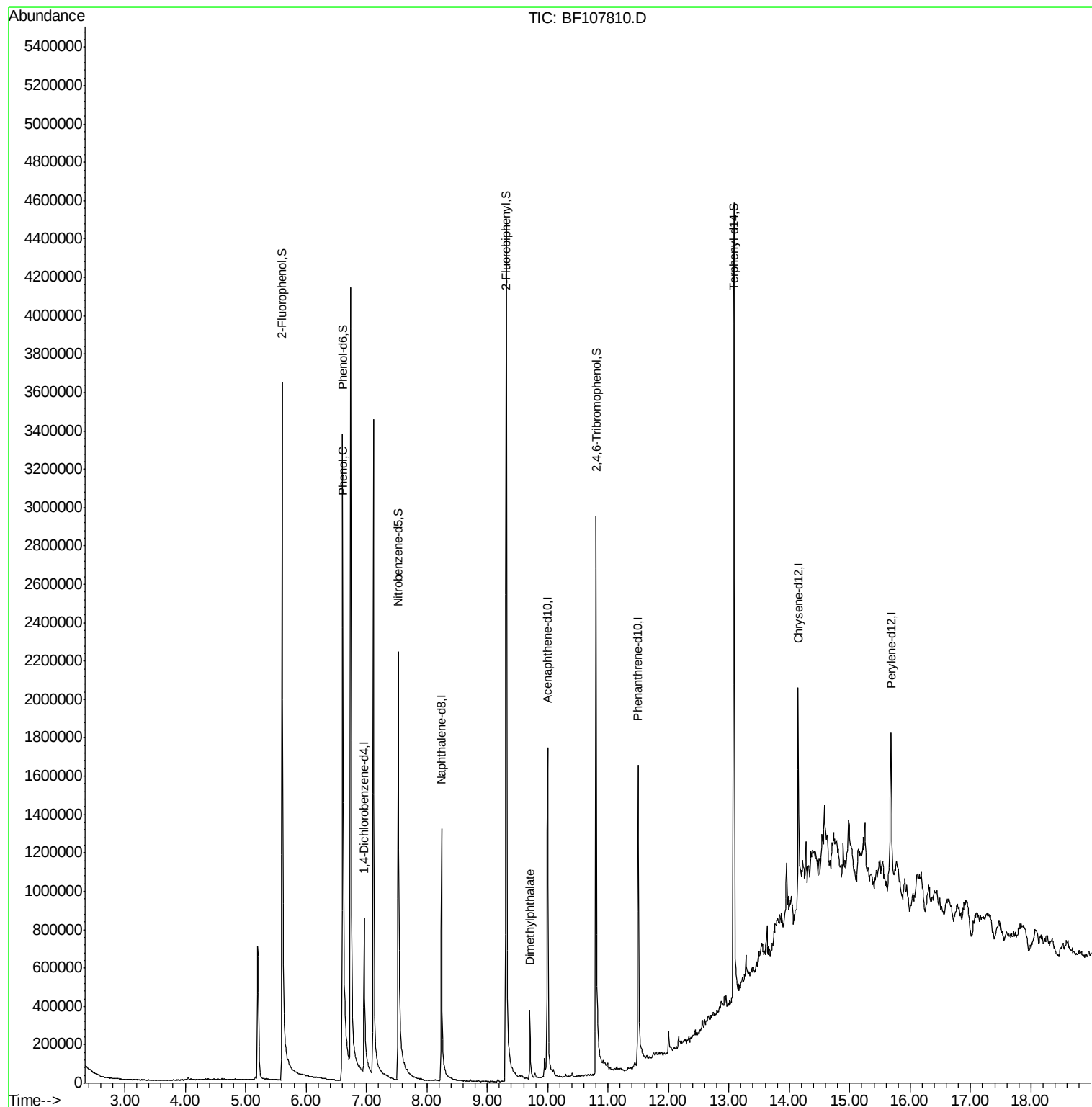
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	203601	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	859719	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	394074	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	803336	20.00	ng	0.00
75) Chrysene-d12	14.15	240	560237	20.00	ng	0.00
86) Perylene-d12	15.68	264	584238	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1545049	128.97	ng	0.01
7) Phenol-d6	6.61	99	1919869	121.60	ng	0.00
23) Nitrobenzene-d5	7.53	82	1291265	86.53	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	579248	108.18	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	2103086	74.37	ng	0.00
78) Terphenyl-d14	13.08	244	1889361	73.13	ng	0.00
Target Compounds						
10) Phenol	6.62	94	94602	5.024	ng	Qvalue # 58
49) Dimethylphthalate	9.71	163	172546	5.830	ng	99

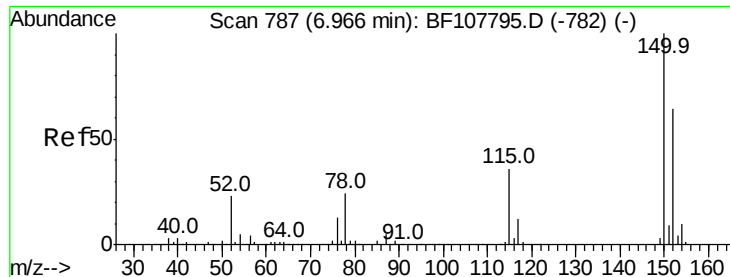
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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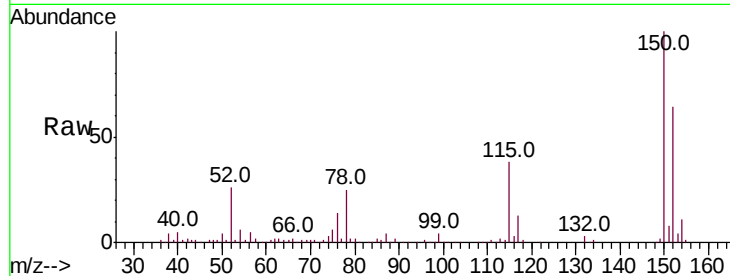


#1

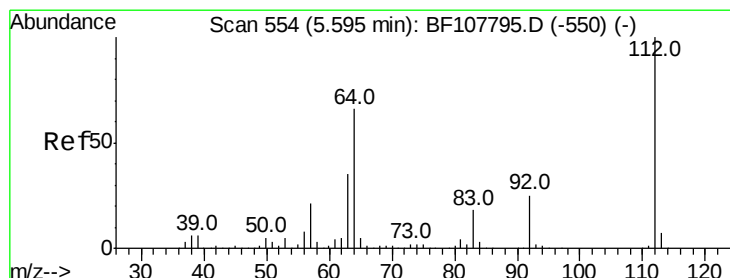
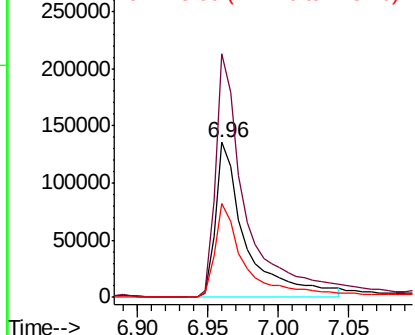
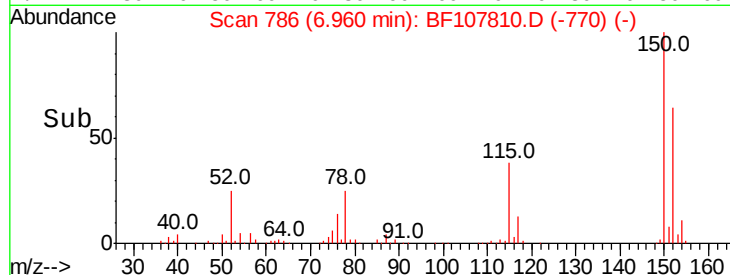
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107810.D
Acq: 30 Jul 2018 19:53

Instrument :
BNA_F
ClientSampleId :
SOIL-1

Tot Ion:152 Resp: 203601
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 60.4 50.1 75.1



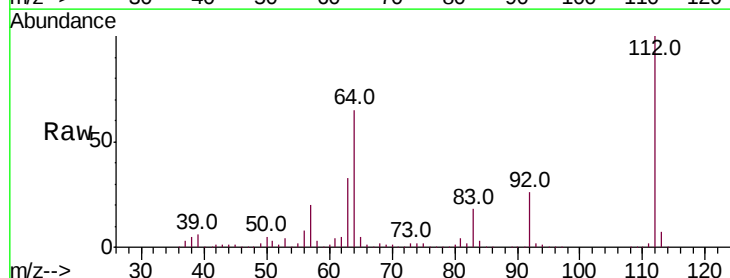
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



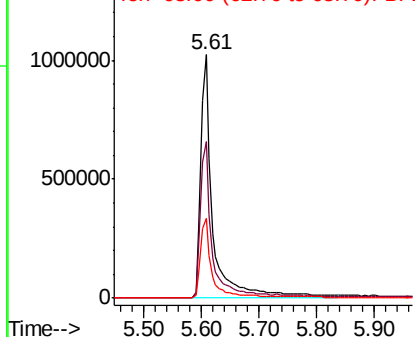
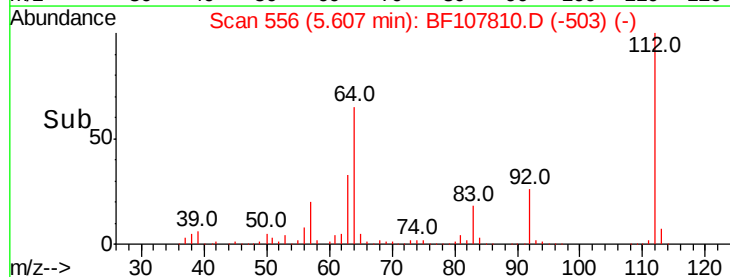
#5

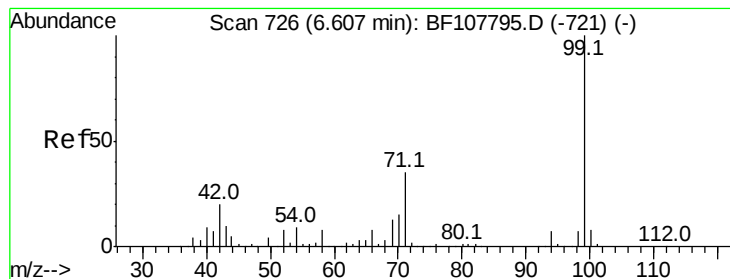
2-Fluorophenol
Concen: 128.972 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF107810.D
Acq: 30 Jul 2018 19:53

Tgt Ion:112 Resp: 1545049
Ion Ratio Lower Upper
112 100
64 64.5 47.9 71.9
63 32.6 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: 121.599 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF107810.D

Acq: 30 Jul 2018 19:53

Instrument :

BNA_F

ClientSampleId :

SOIL-1

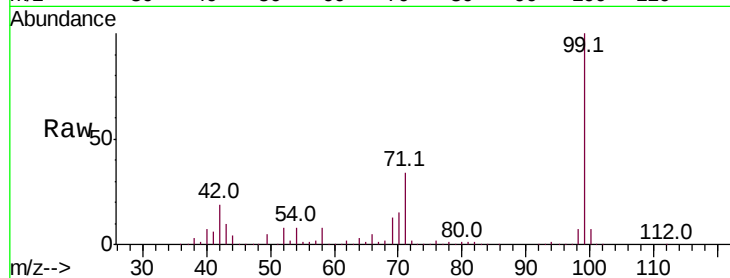
Tot Ion: 99 Resp: 1919869

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.5	21.7
71	33.9	25.4	38.0

99 100

42 18.7 14.5 21.7

71 33.9 25.4 38.0

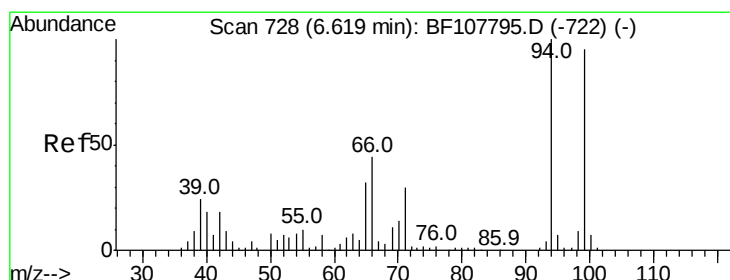
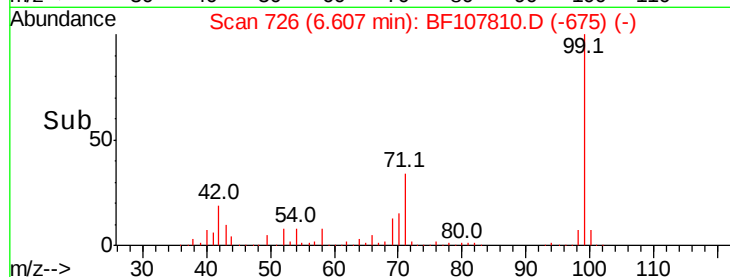
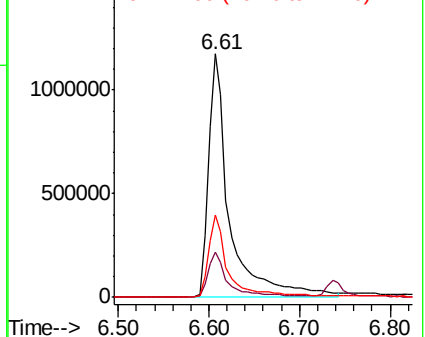


Abundance

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: 5.024 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF107810.D

Acq: 30 Jul 2018 19:53

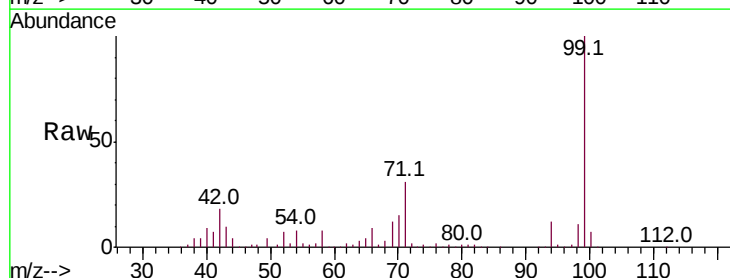
Tgt Ion: 94 Resp: 94602

Ion	Ratio	Lower	Upper
94	100		
65	36.1	7.9	47.9
66	73.5	16.2	56.2

94 100

65 36.1 7.9 47.9

66 73.5 16.2 56.2

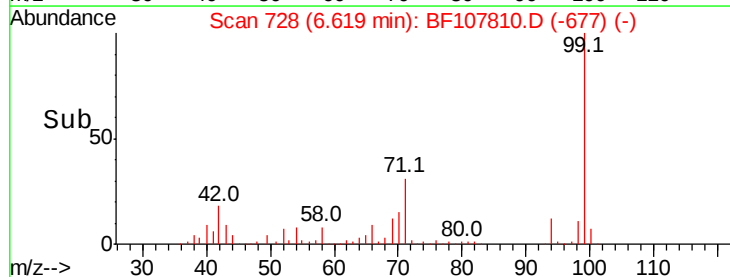
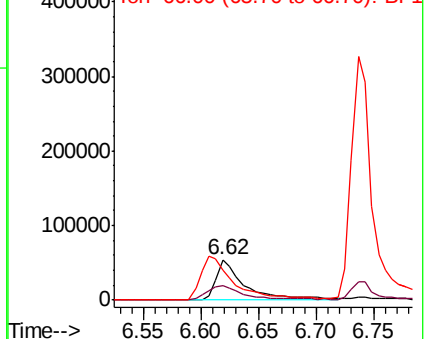


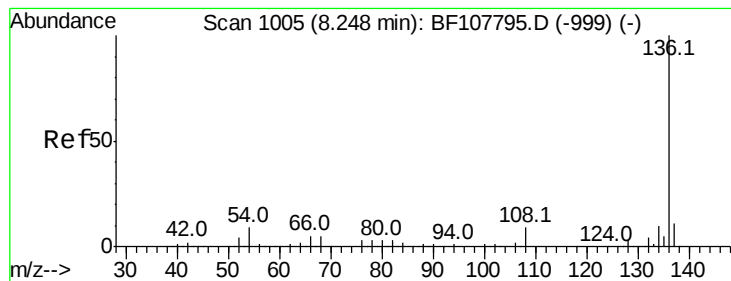
Abundance

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: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF107810.D

Acq: 30 Jul 2018 19:53

Instrument :

BNA_F

ClientSampled :

SOIL-1

Tot Ion:136 Resp: 859719

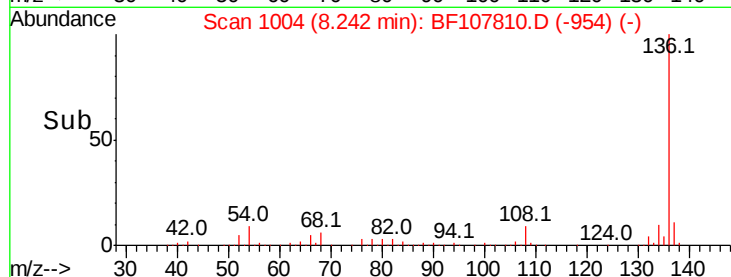
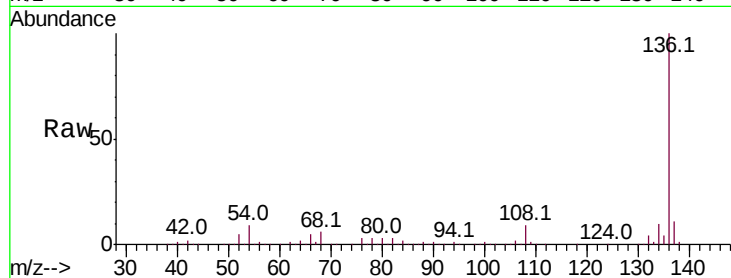
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.5 6.6 9.8

68 6.4 5.0 7.4

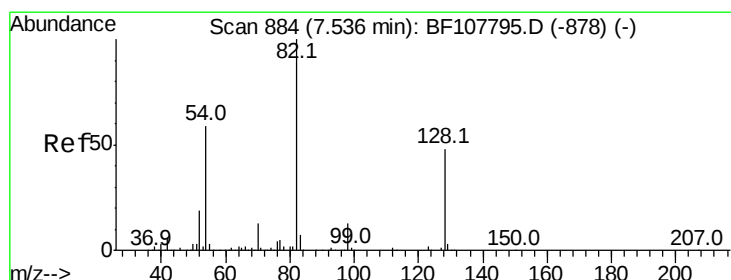
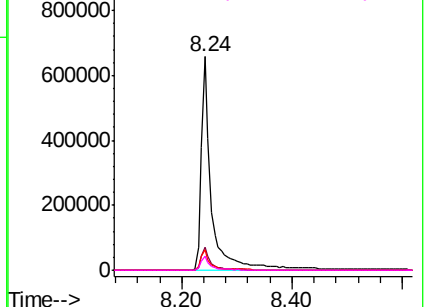


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.529 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF107810.D

Acq: 30 Jul 2018 19:53

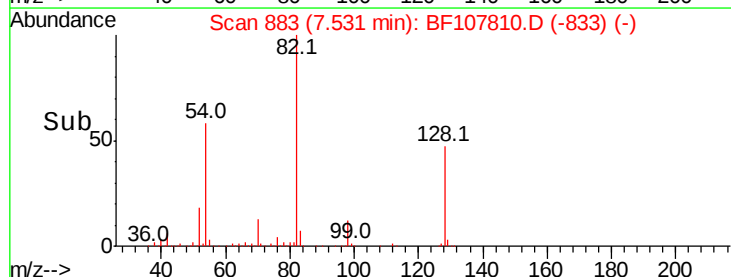
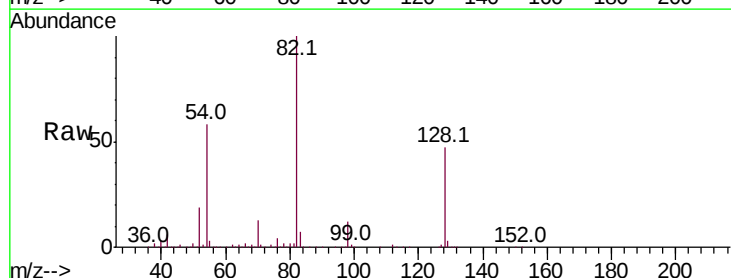
Tgt Ion: 82 Resp: 1291265

Ion Ratio Lower Upper

82 100

128 46.7 36.1 54.1

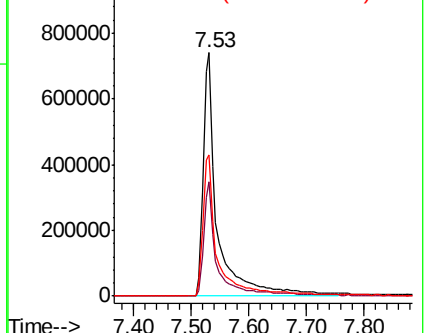
54 58.2 41.4 62.2

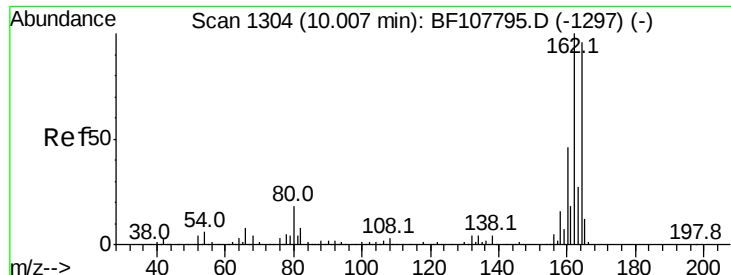


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

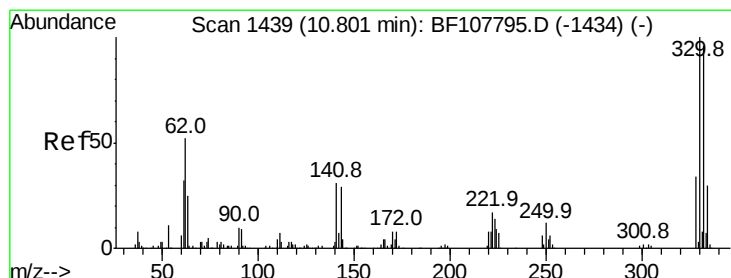
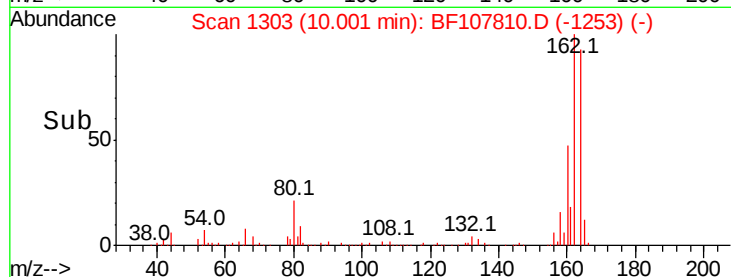
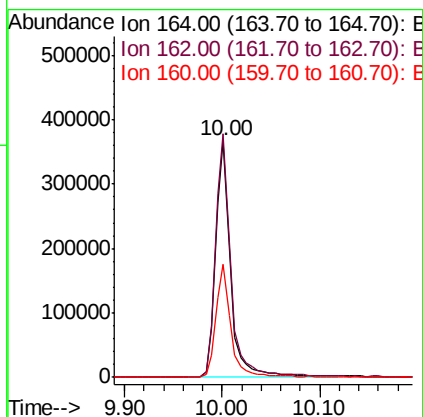
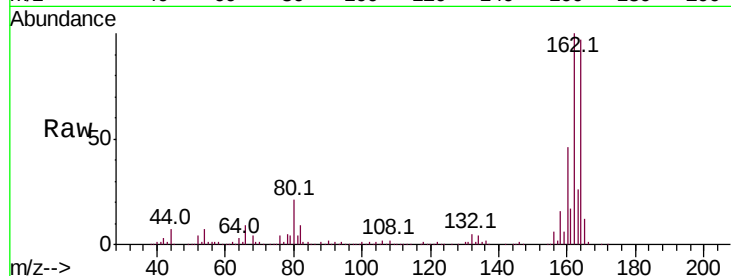




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF107810.D
 Acq: 30 Jul 2018 19:53

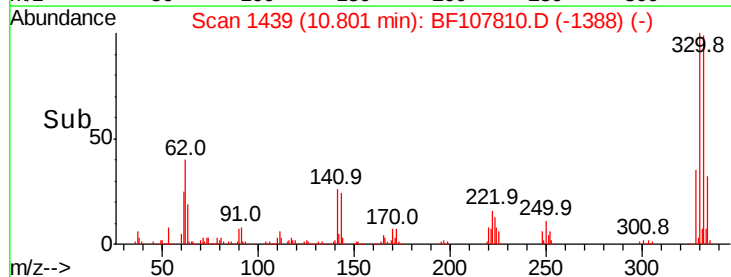
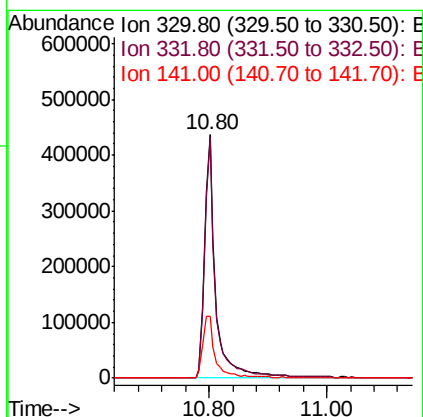
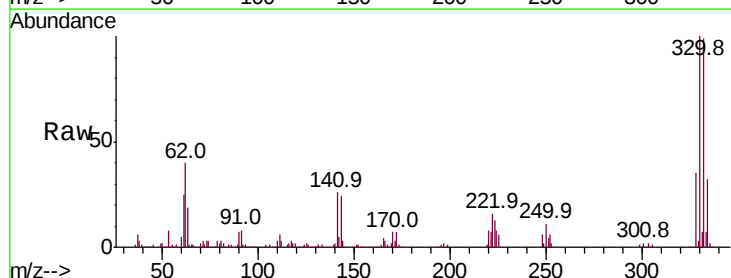
Instrument :
 BNA_F
 ClientSampled :
 SOIL-1

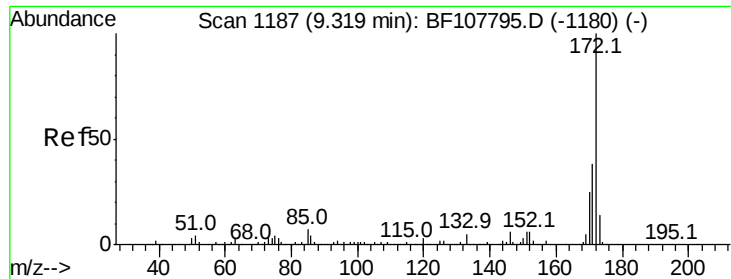
Tot Ion:164 Resp: 394074
 Ion Ratio Lower Upper
 164 100
 162 103.0 86.1 129.1
 160 47.8 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 108.176 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107810.D
 Acq: 30 Jul 2018 19:53

Tgt Ion:330 Resp: 579248
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 28.7 29.9 44.9#

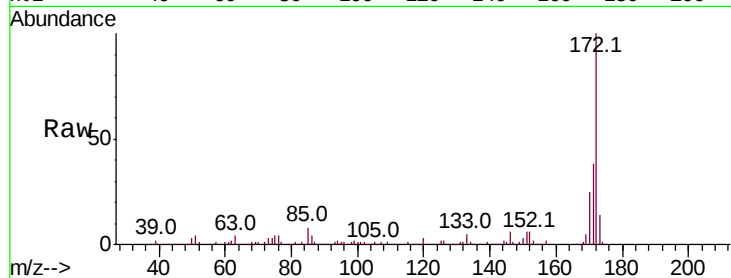




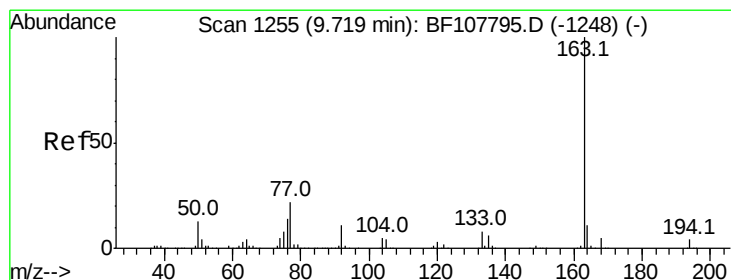
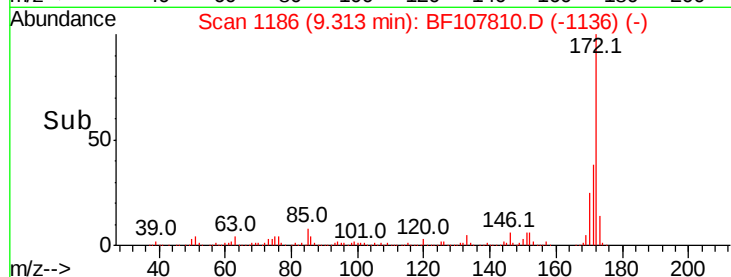
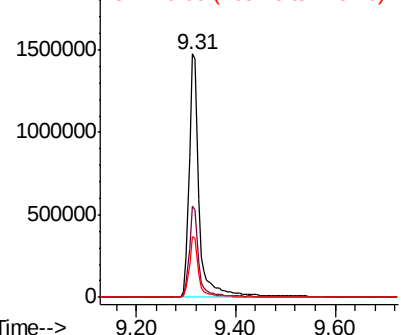
#44
2-Fluorobiphenyl
Concen: 74.367 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107810.D
Acq: 30 Jul 2018 19:53

Instrument :
BNA_F
ClientSampleId :
SOIL-1

Tot Ion:172 Resp: 2103086
Ion Ratio Lower Upper
172 100
171 37.7 29.7 44.5
170 24.9 19.6 29.4

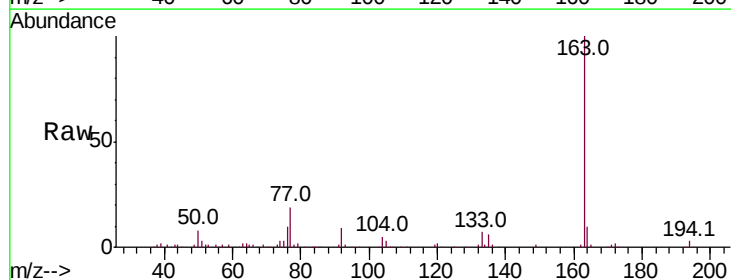


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

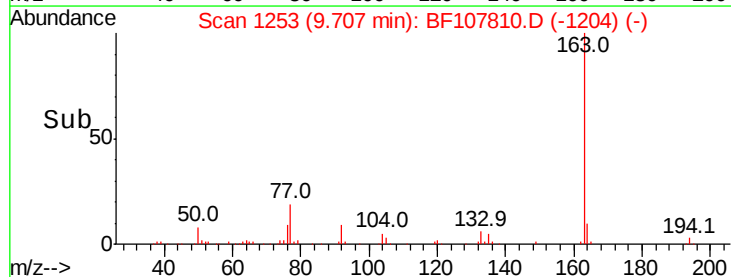
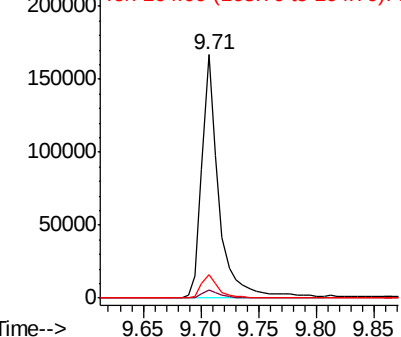


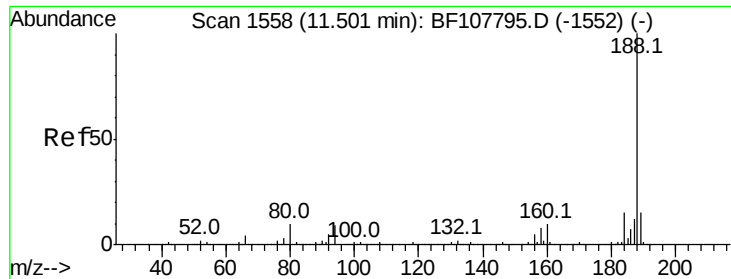
#49
Dimethylphthalate
Concen: 5.830 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107810.D
Acq: 30 Jul 2018 19:53

Tgt Ion:163 Resp: 172546
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
200000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

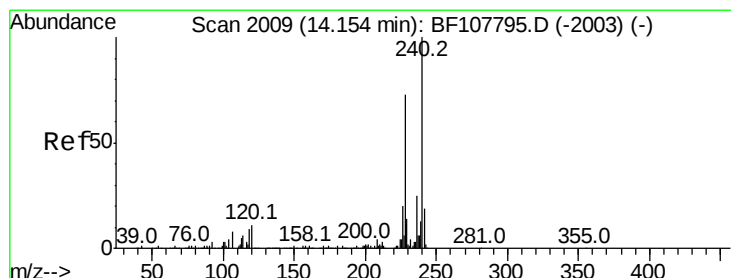
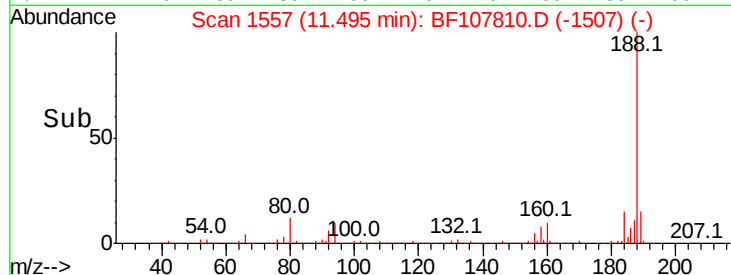
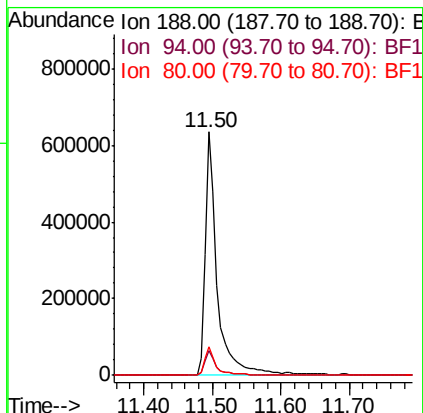
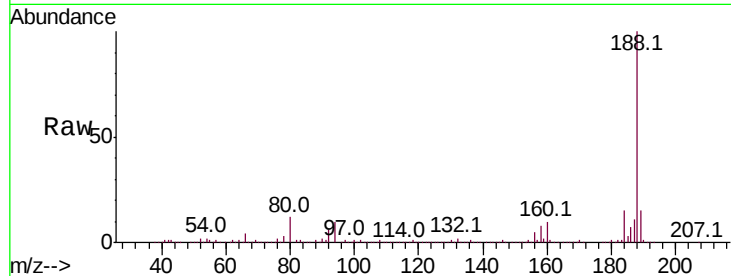




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF107810.D
 Acq: 30 Jul 2018 19:53

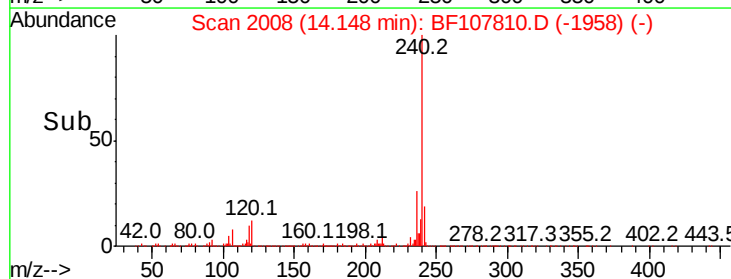
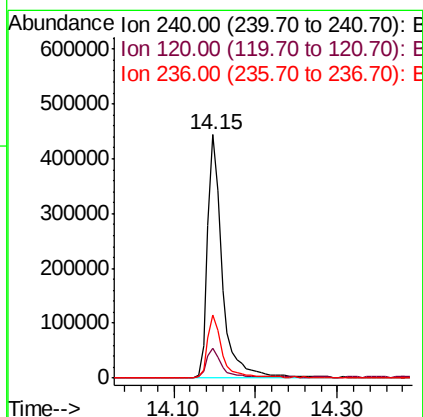
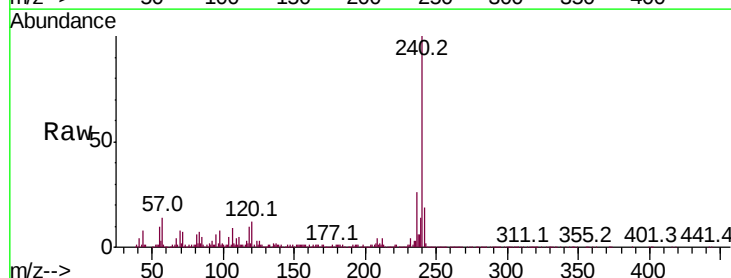
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-1

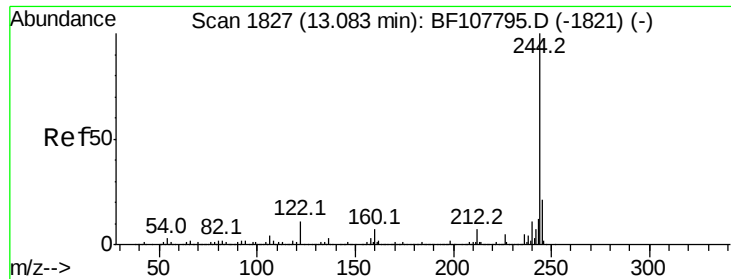
Tot Ion:188 Resp: 803336
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.5 12.7
 80 11.6 9.2 13.8



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF107810.D
 Acq: 30 Jul 2018 19:53

Tgt Ion:240 Resp: 560237
 Ion Ratio Lower Upper
 240 100
 120 12.3 9.5 14.3
 236 25.9 20.7 31.1





#78

Terphenyl-d14

Concen: 73.129 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF107810.D

Acq: 30 Jul 2018 19:53

Instrument :

BNA_F

ClientSampleId :

SOIL-1

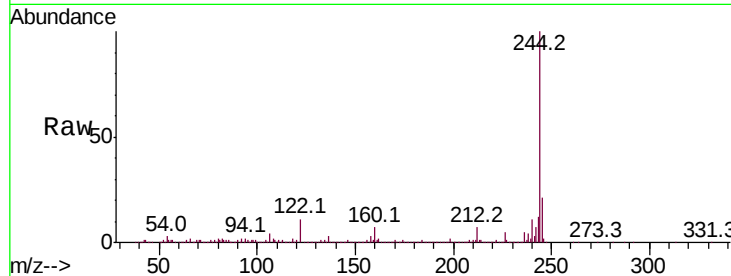
Tot Ion:244 Resp: 1889361

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

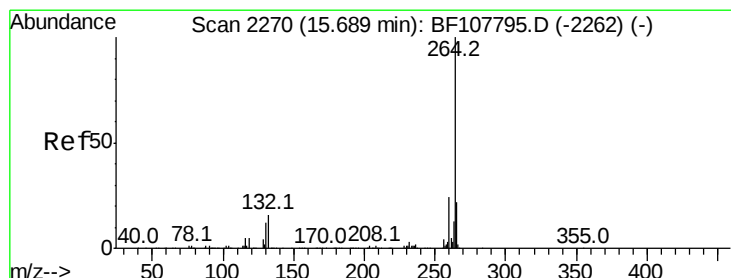
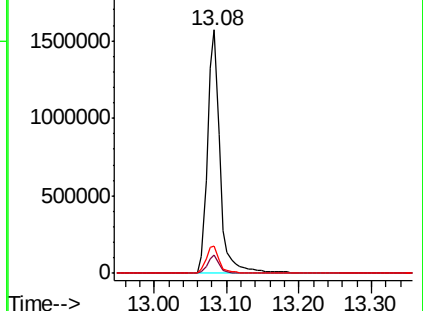
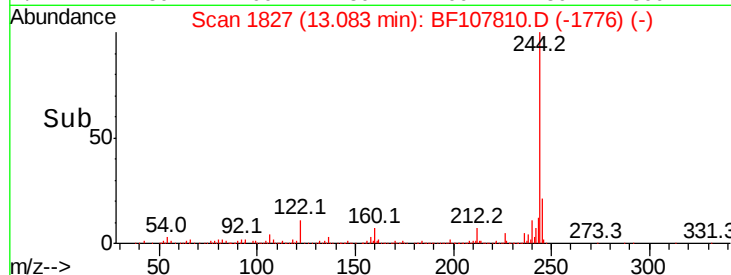
122 11.5 11.0 16.4



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: 15.68 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF107810.D

Acq: 30 Jul 2018 19:53

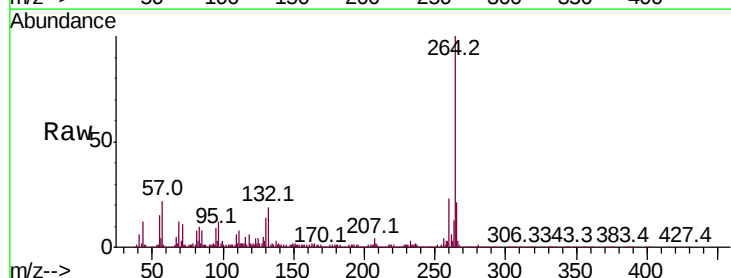
Tgt Ion:264 Resp: 584238

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.0 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

