

Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
 Data File : BF102719.D
 Acq On : 3 Feb 2018 16:15
 Operator : SJ/JU
 Sample : J1413-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-2

Quant Time: Feb 05 02:04:51 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 00:38:27 2018
 Response via : Initial Calibration

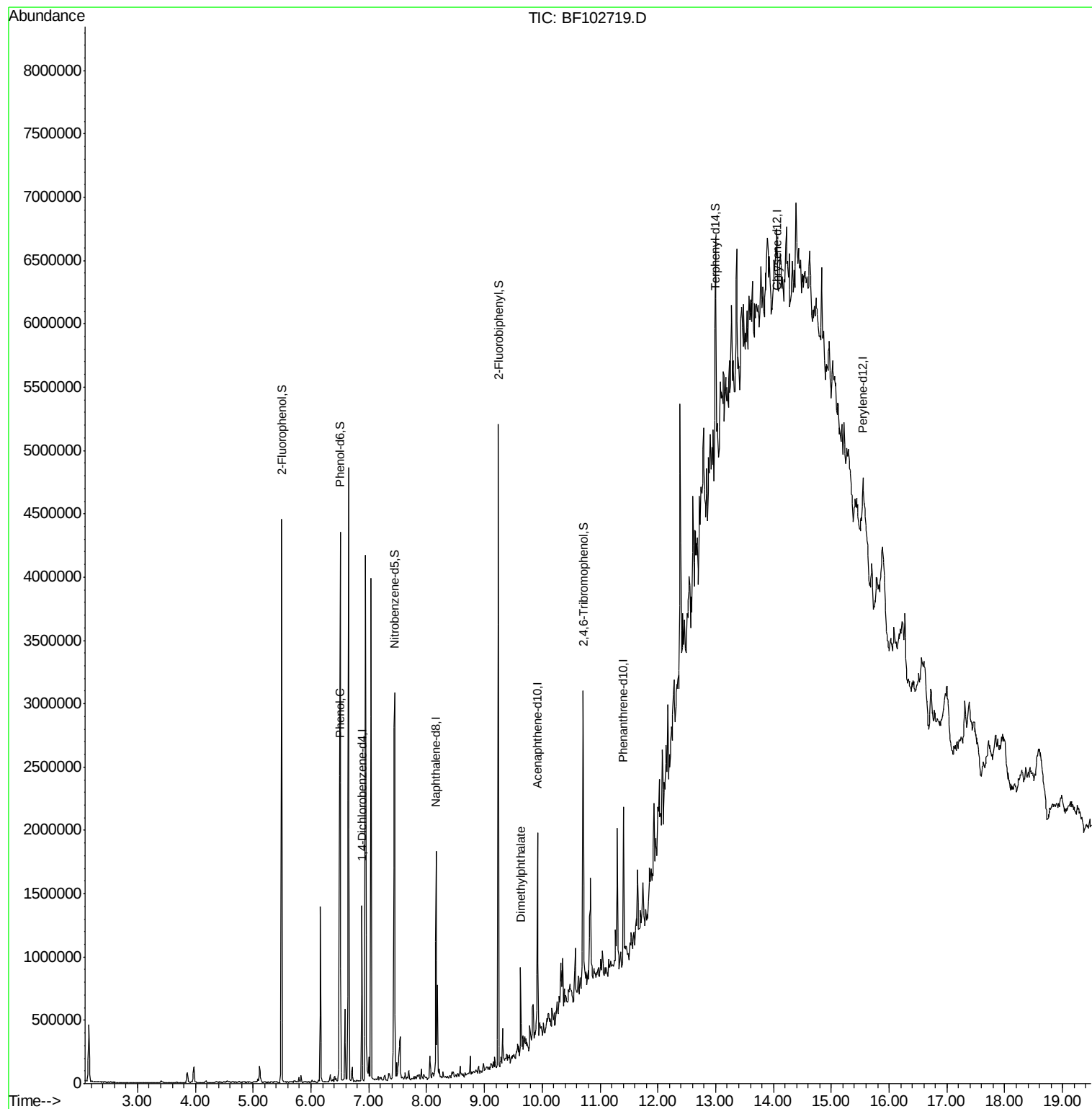
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	179132	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	744422	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	299670	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	416663	20.00	ng	0.00
75) Chrysene-d12	14.06	240	188935	20.00	ng	0.02
86) Perylene-d12	15.55	264	234905	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1400817	118.76	ng	0.00
7) Phenol-d6	6.50	99	1659739	116.86	ng	0.00
23) Nitrobenzene-d5	7.45	82	981412	91.46	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	298986	123.96	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1533937	84.94	ng	0.00
78) Terphenyl-d14	13.00	244	742246	93.02	ng	0.01
Target Compounds						
10) Phenol	6.52	94	208475	13.697	ng	99
49) Dimethylphthalate	9.63	163	150312	6.433	ng	# 98

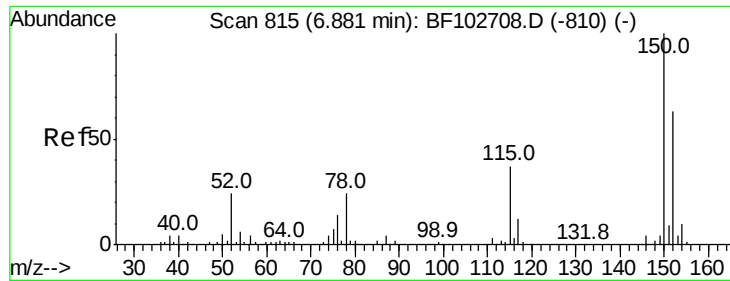
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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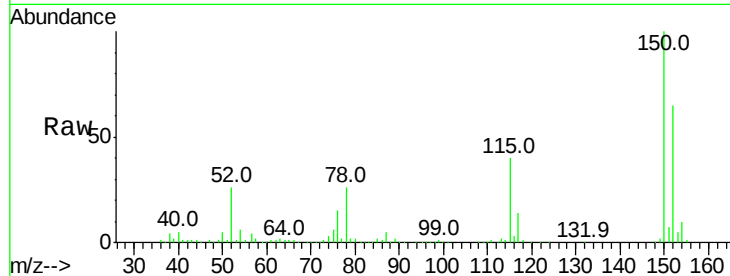


#1

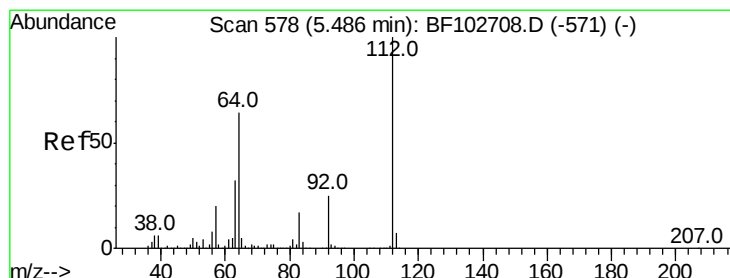
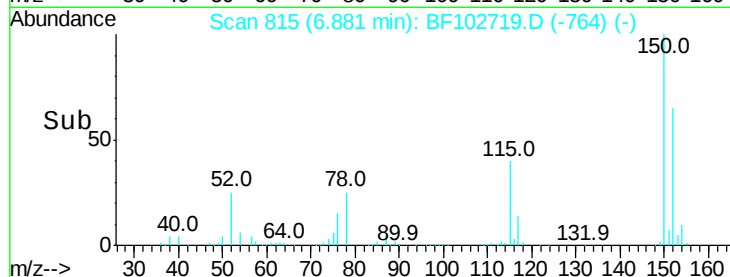
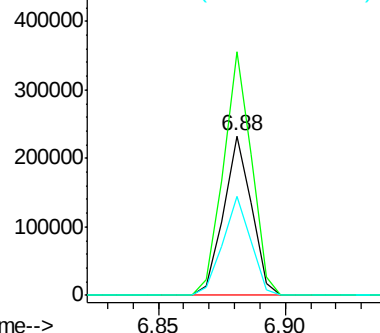
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102719.D
Acq: 3 Feb 2018 16:15

Instrument :
BNA_F
ClientSampleId :
SOIL-2

Tot Ion:152 Resp: 179132
Ion Ratio Lower Upper
152 100
150 152.7 124.6 186.8
115 61.7 50.1 75.1



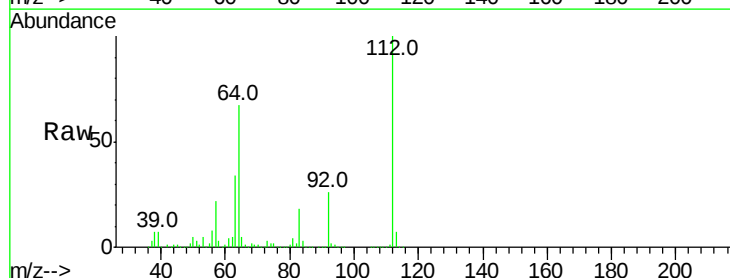
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



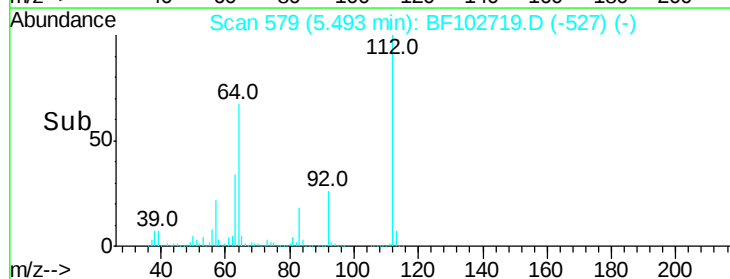
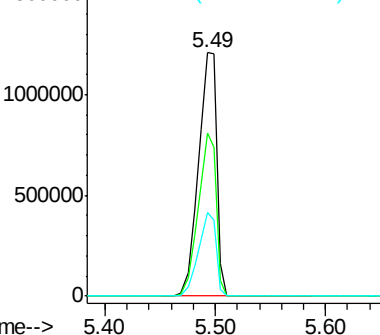
#5

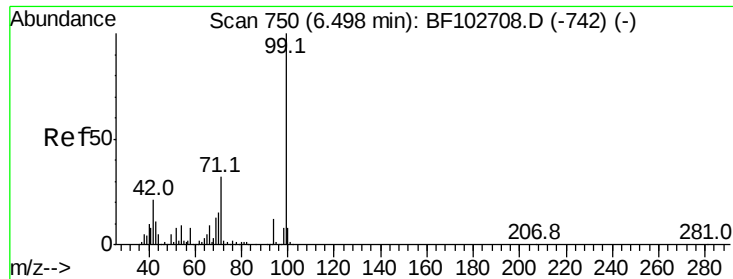
2-Fluorophenol
Concen: 118.760 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF102719.D
Acq: 3 Feb 2018 16:15

Tgt Ion:112 Resp: 1400817
Ion Ratio Lower Upper
112 100
64 67.1 47.9 71.9
63 34.1 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: 116.863 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF102719.D

Acq: 3 Feb 2018 16:15

Instrument :

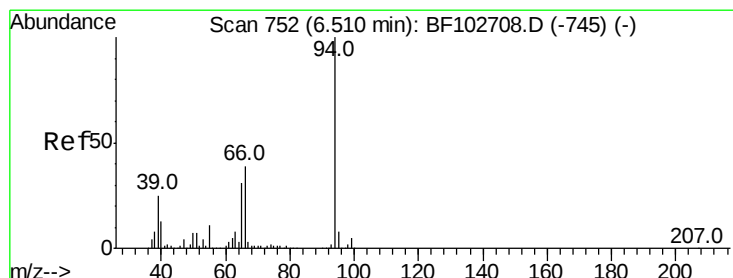
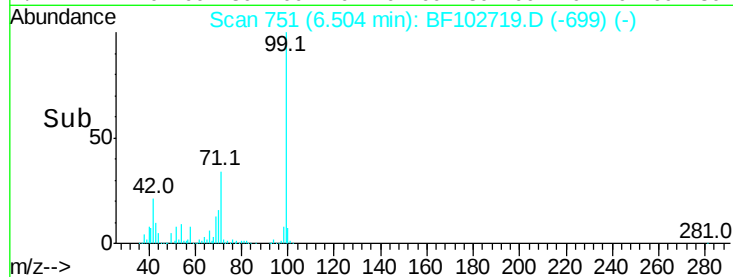
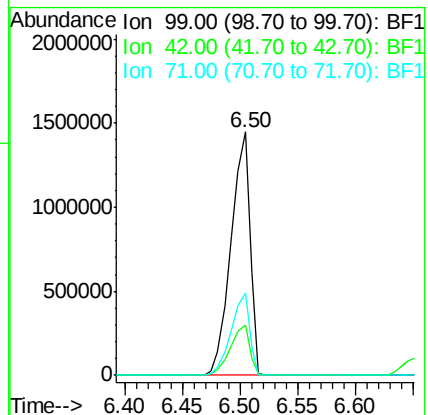
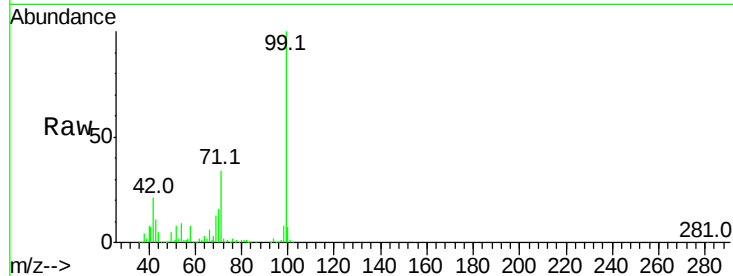
BNA_F

ClientSampleId :

SOIL-2

Tot Ion: 99 Resp: 1659739

Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.5	21.7
71	33.9	25.4	38.0



#10

Phenol

Concen: 13.697 ng

RT: 6.52 min Scan# 753

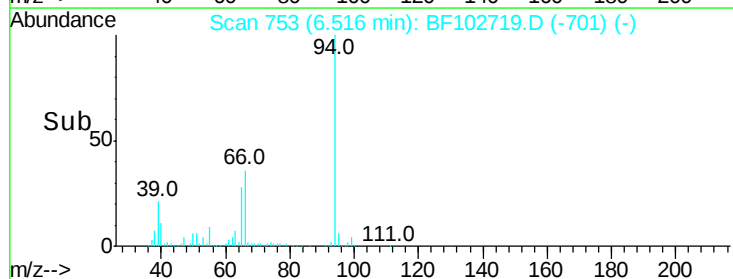
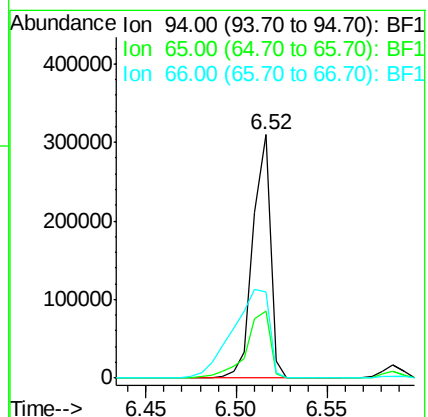
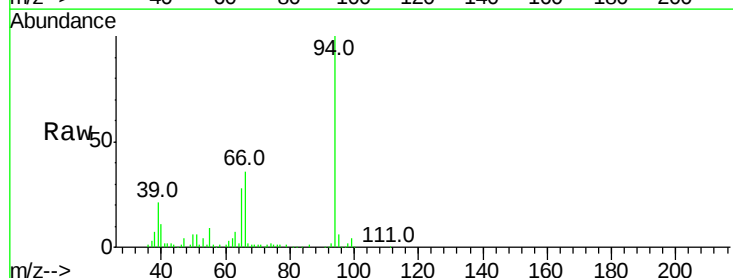
Delta R.T. 0.01 min

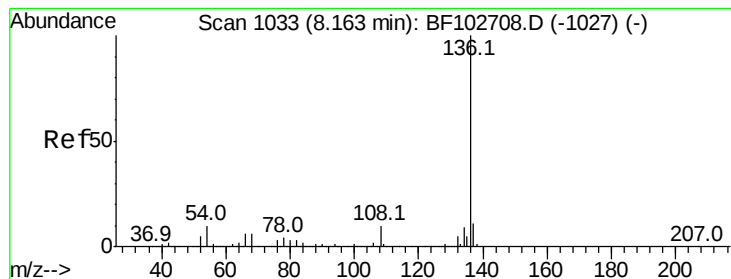
Lab File: BF102719.D

Acq: 3 Feb 2018 16:15

Tgt Ion: 94 Resp: 208475

Ion	Ratio	Lower	Upper
94	100		
65	27.5	7.9	47.9
66	35.6	16.2	56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF102719.D

Acq: 3 Feb 2018 16:15

Instrument :

BNA_F

ClientSampleId :

SOIL-2

Tot Ion:136 Resp: 744422

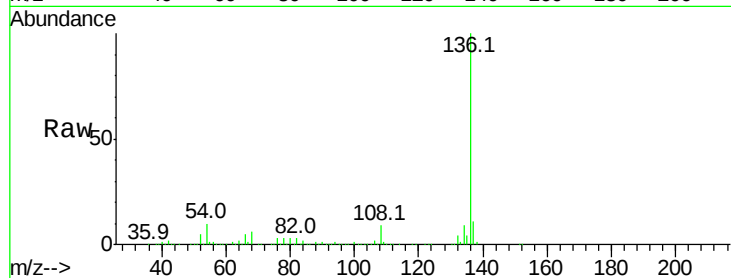
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.8 6.6 9.8

68 6.5 5.0 7.4

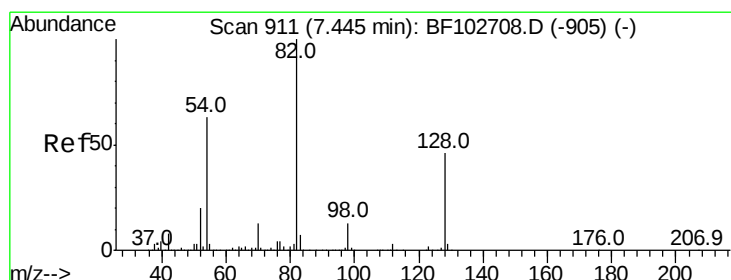
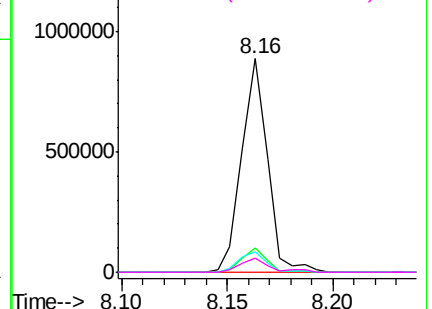
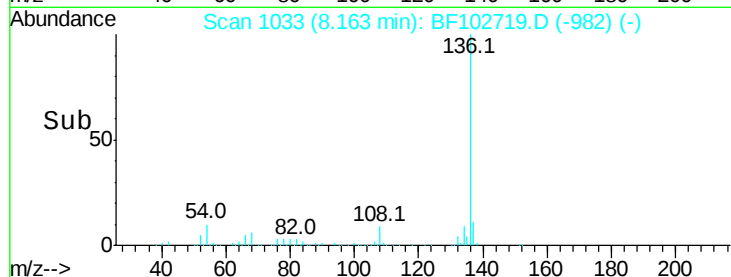


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.455 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF102719.D

Acq: 3 Feb 2018 16:15

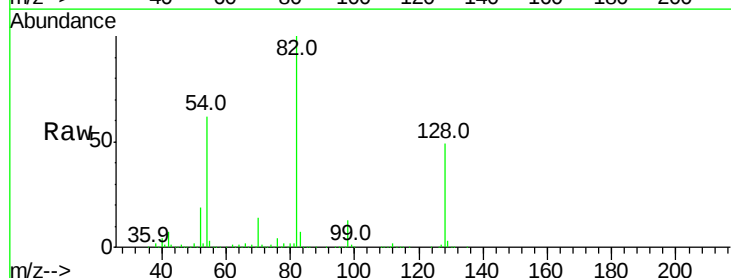
Tgt Ion: 82 Resp: 981412

Ion Ratio Lower Upper

82 100

128 48.5 36.1 54.1

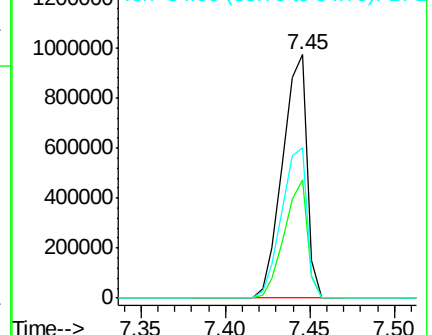
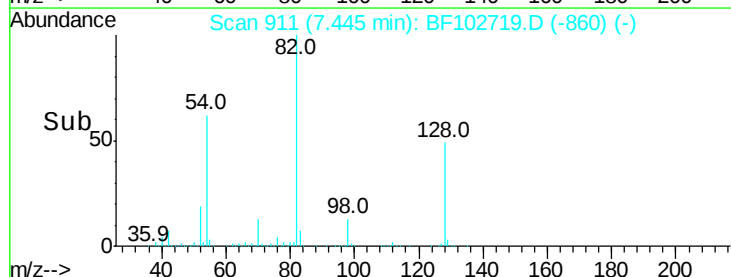
54 61.5 41.4 62.2

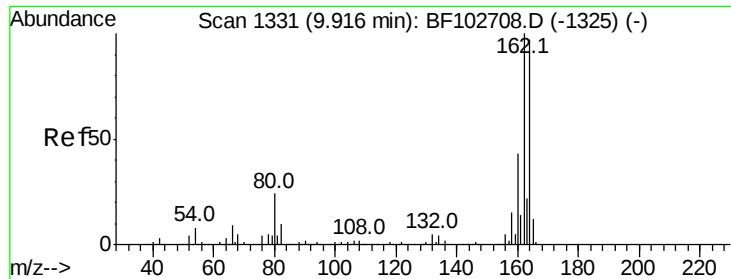


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

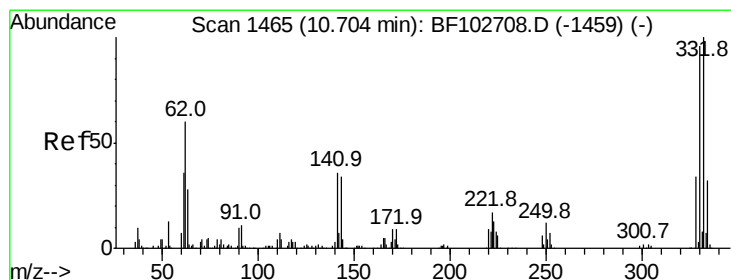
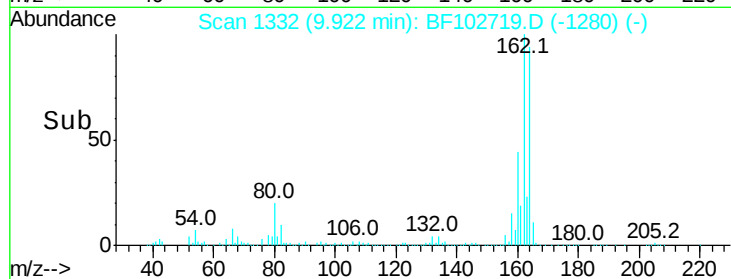
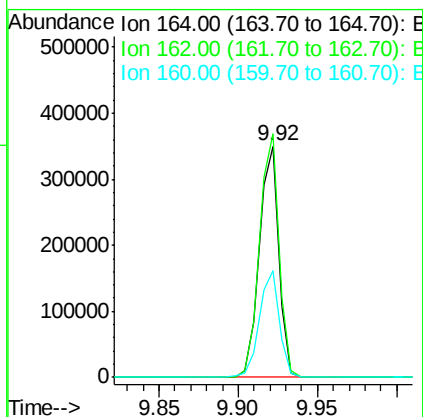
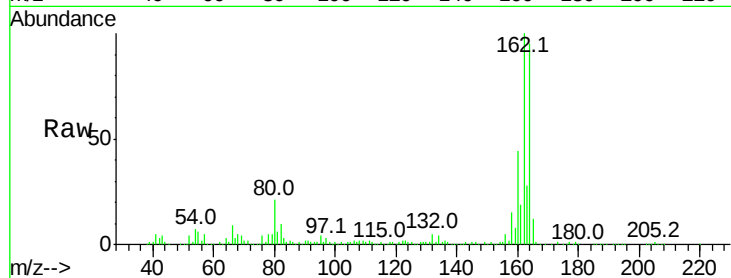




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.01 min
 Lab File: BF102719.D
 Acq: 3 Feb 2018 16:15

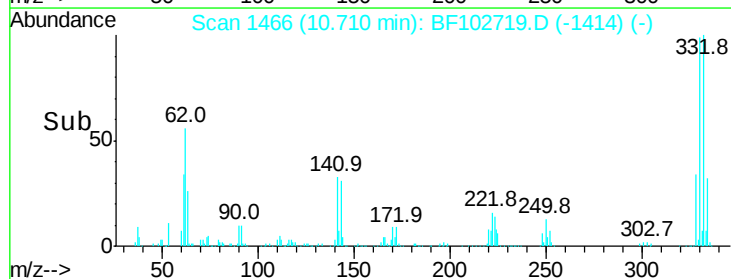
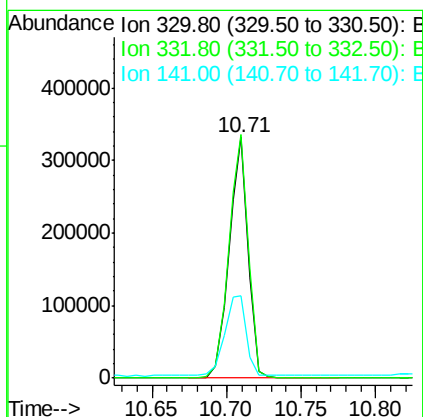
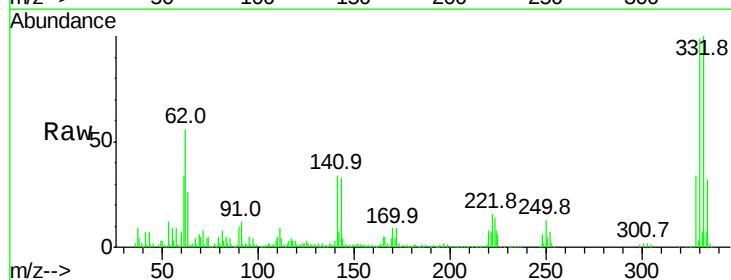
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-2

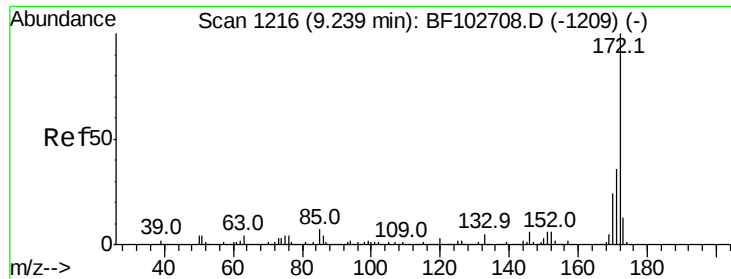
Tot Ion:164 Resp: 299670
 Ion Ratio Lower Upper
 164 100
 162 105.2 86.1 129.1
 160 46.0 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 123.958 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BF102719.D
 Acq: 3 Feb 2018 16:15

Tgt Ion:330 Resp: 298986
 Ion Ratio Lower Upper
 330 100
 332 103.6 77.0 115.6
 141 37.0 29.9 44.9

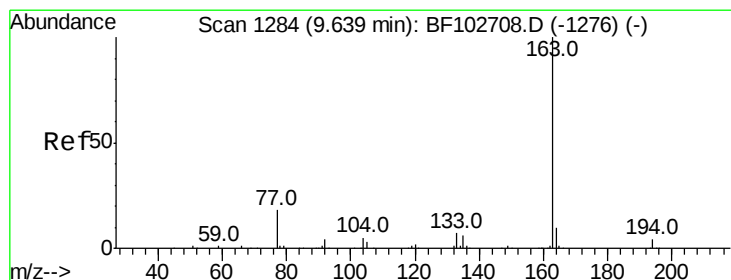
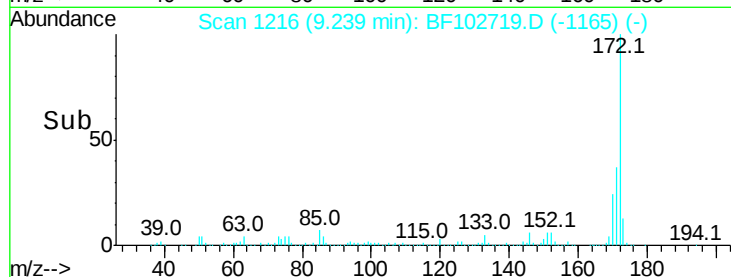
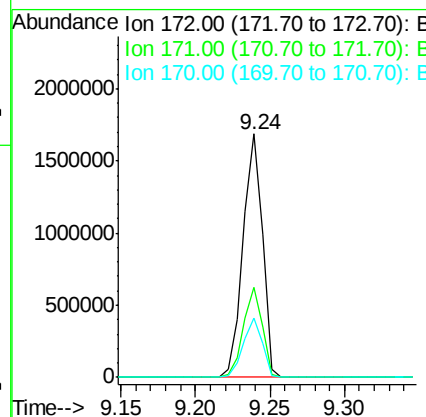
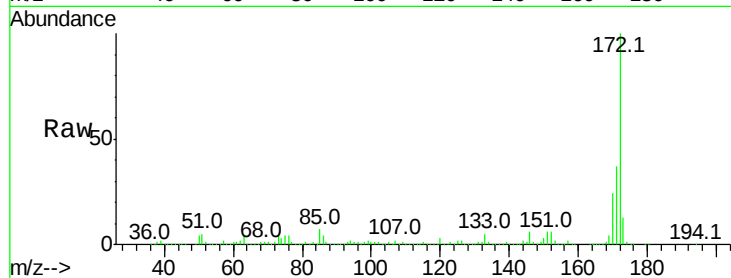




#44
2-Fluorobiphenyl
Concen: 84.938 ng
RT: 9.24 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BF102719.D
Acq: 3 Feb 2018 16:15

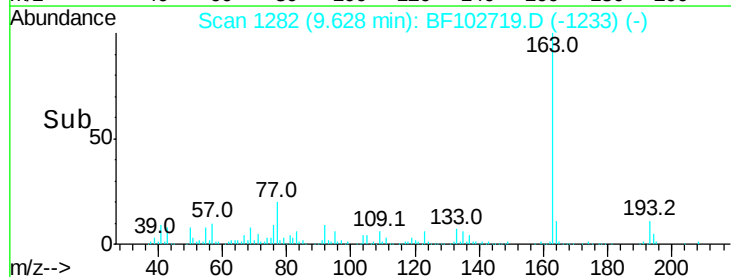
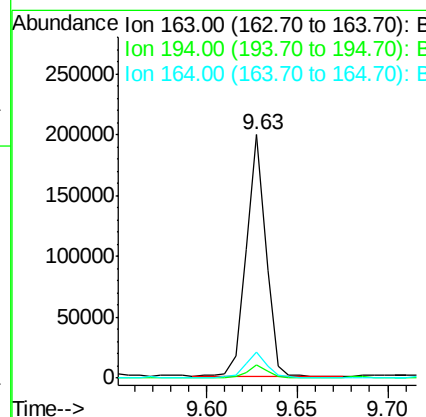
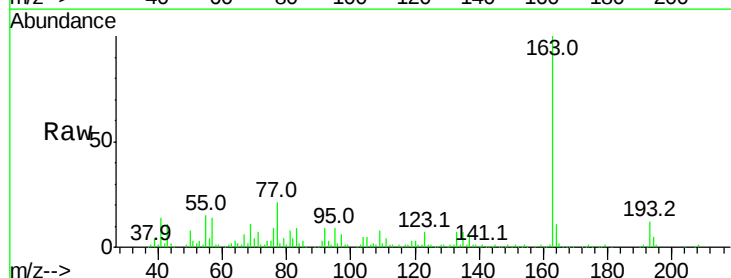
Instrument :
BNA_F
ClientSampleId :
SOIL-2

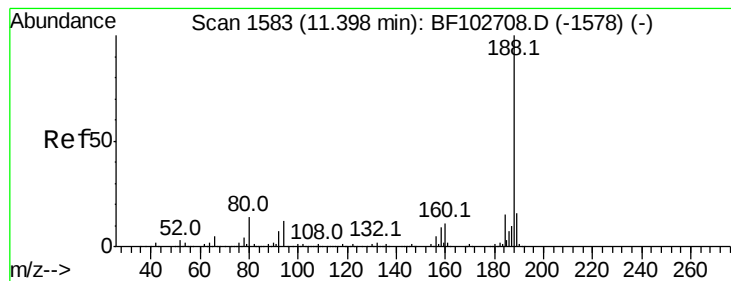
Tot Ion:172 Resp: 1533937
Ion Ratio Lower Upper
172 100
171 37.0 29.7 44.5
170 24.5 19.6 29.4



#49
Dimethylphthalate
Concen: 6.433 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF102719.D
Acq: 3 Feb 2018 16:15

Tgt Ion:163 Resp: 150312
Ion Ratio Lower Upper
163 100
194 5.3 2.7 4.1#
164 10.6 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF102719.D

Acq: 3 Feb 2018 16:15

Instrument :

BNA_F

ClientSampleId :

SOIL-2

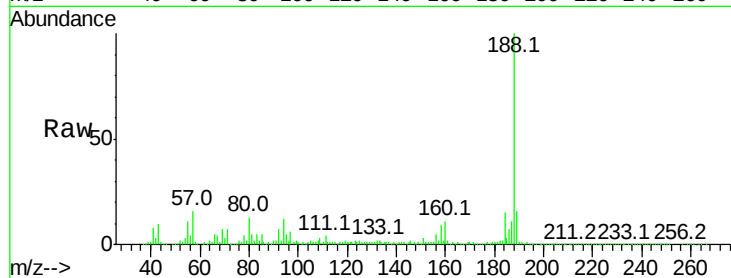
Tot Ion:188 Resp: 416663

Ion Ratio Lower Upper

188 100

94 11.9 8.5 12.7

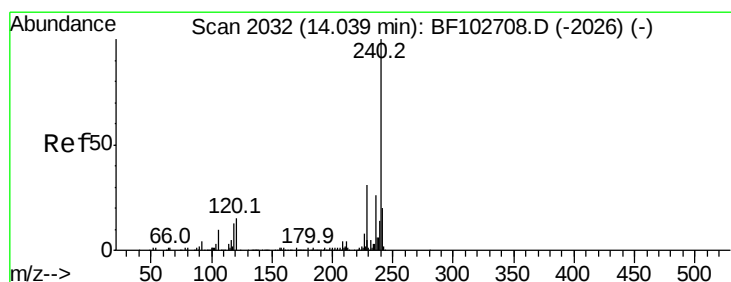
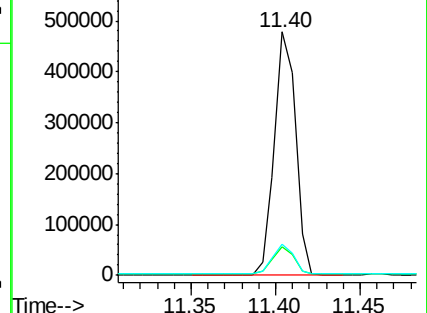
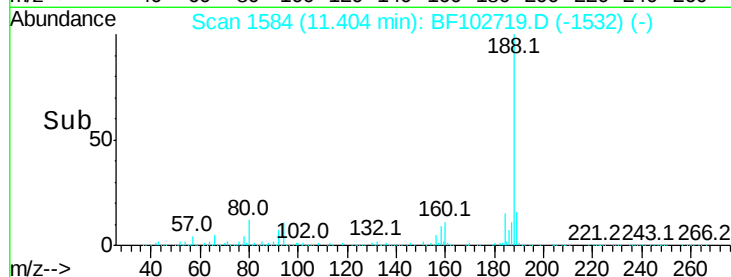
80 13.0 9.2 13.8



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: 14.06 min Scan# 2035

Delta R.T. 0.02 min

Lab File: BF102719.D

Acq: 3 Feb 2018 16:15

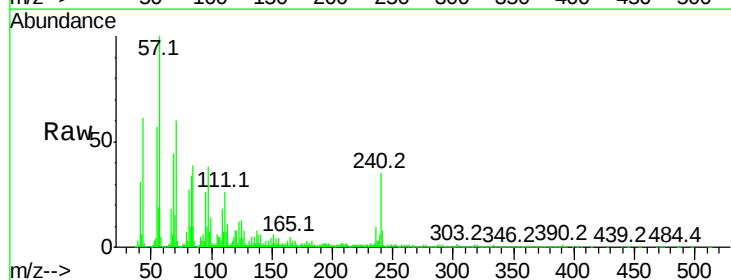
Tgt Ion:240 Resp: 188935

Ion Ratio Lower Upper

240 100

120 21.6 9.5 14.3#

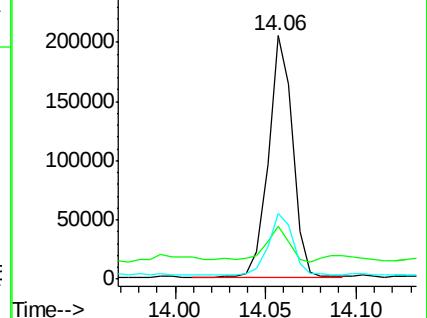
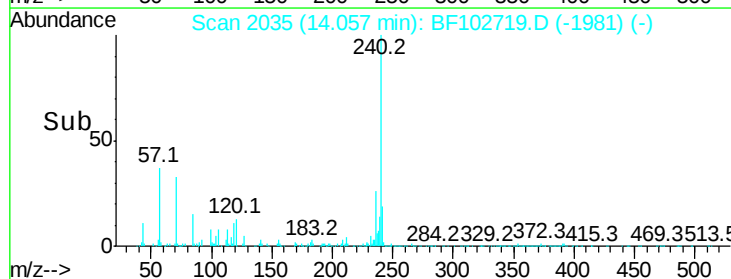
236 27.2 20.7 31.1

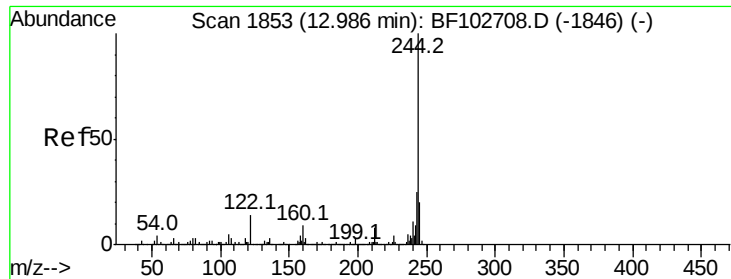


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.020 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.01 min

Lab File: BF102719.D

Acq: 3 Feb 2018 16:15

Instrument :

BNA_F

ClientSampled :

SOIL-2

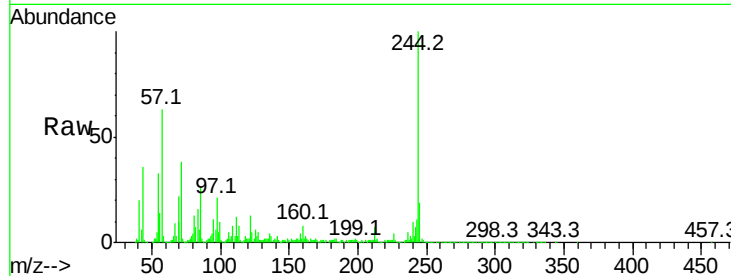
Tot Ion:244 Resp: 742246

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

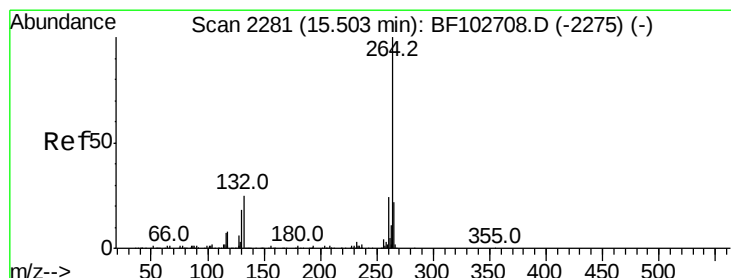
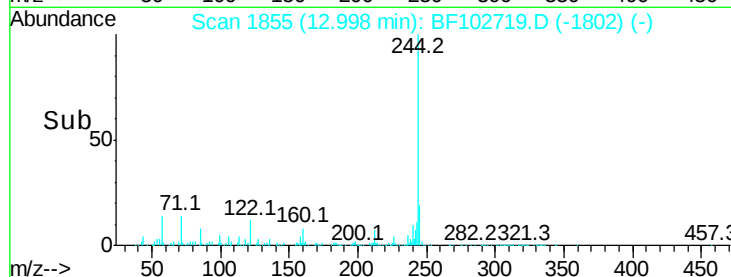
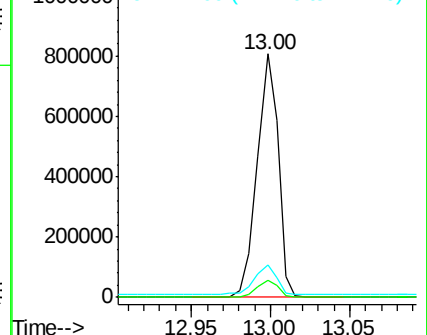
122 13.4 11.0 16.4



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: 15.55 min Scan# 2289

Delta R.T. 0.05 min

Lab File: BF102719.D

Acq: 3 Feb 2018 16:15

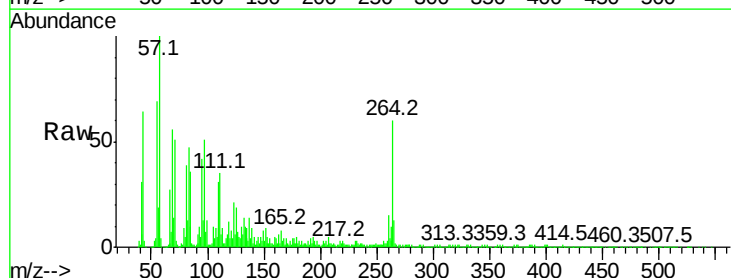
Tgt Ion:264 Resp: 234905

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.8 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

