

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
 Data File : BF110601.D
 Acq On : 8 Nov 2018 22:41
 Operator : JU/SJ
 Sample : J5838-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HC-SOIL-1

Quant Time: Nov 09 12:42:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 08 14:14:47 2018
 Response via : Initial Calibration

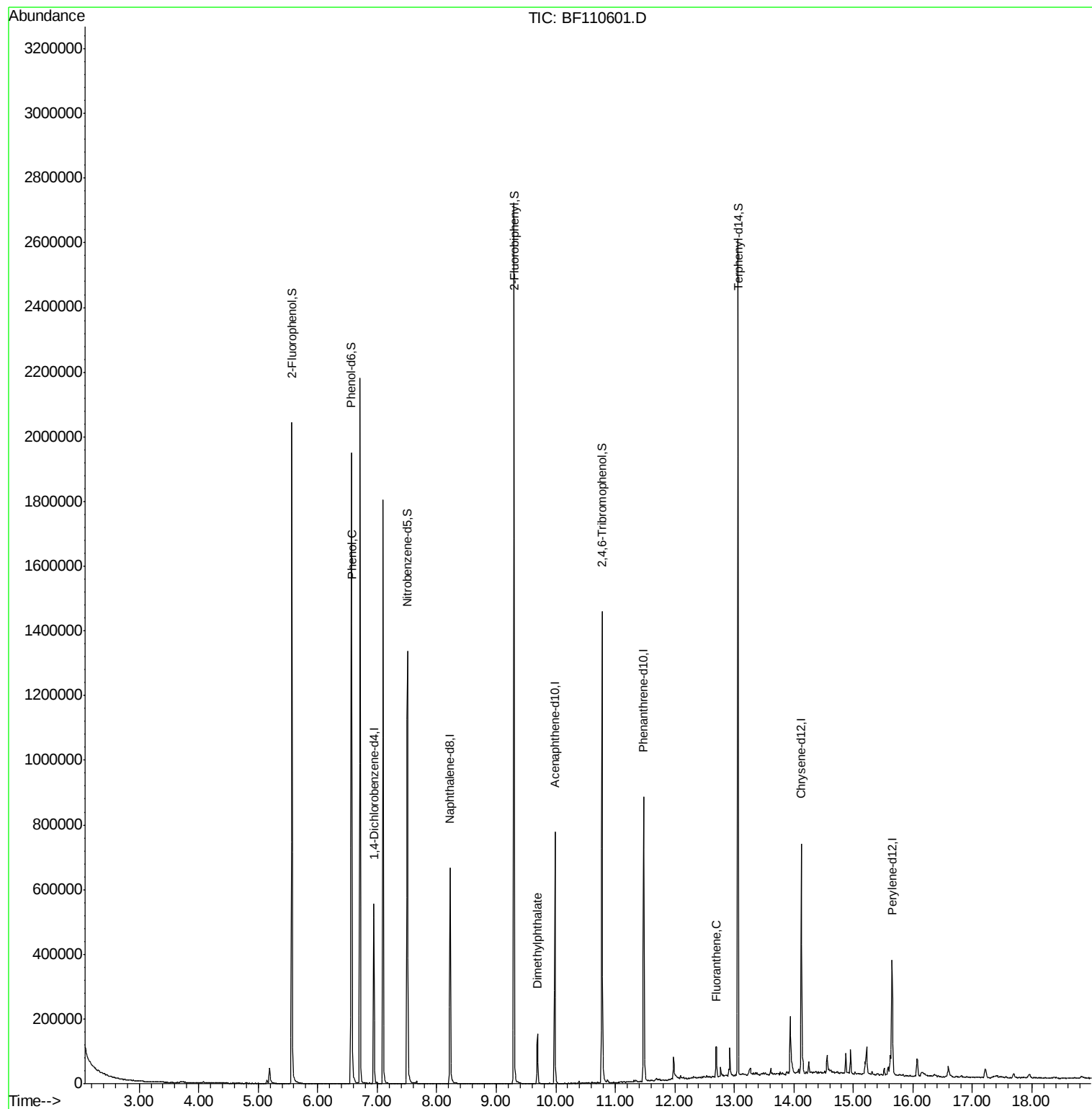
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	87791	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	356892	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	170443	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	334411	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	223743	20.00	ng	-0.01
87) Perylene-d12	15.65	264	175290	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	570459	105.55	ng	0.00
7) Phenol-d6	6.57	99	743895	107.63	ng	0.00
23) Nitrobenzene-d5	7.51	82	464919	75.02	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	183060	106.59	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	836920	70.13	ng	0.00
79) Terphenyl-d14	13.06	244	851770	71.29	ng	0.00
Target Compounds						
10) Phenol	6.58	94	37367	4.663	ng	Qvalue # 67
50) Dimethylphthalate	9.69	163	69907	5.497	ng	99
75) Fluoranthene	12.70	202	41549	2.313	ng	96

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

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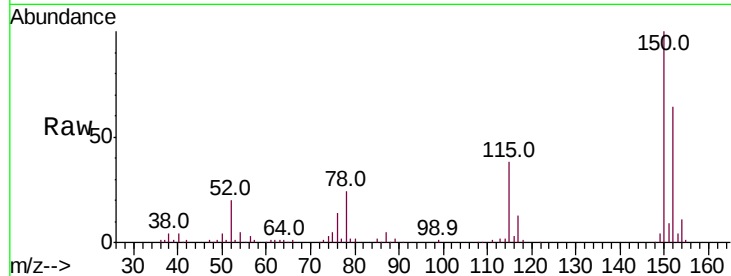


#1

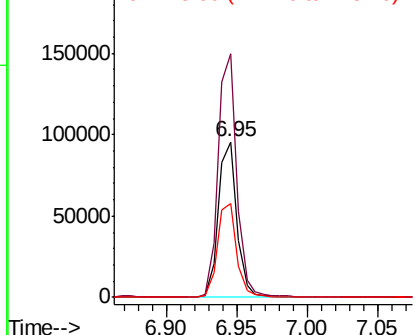
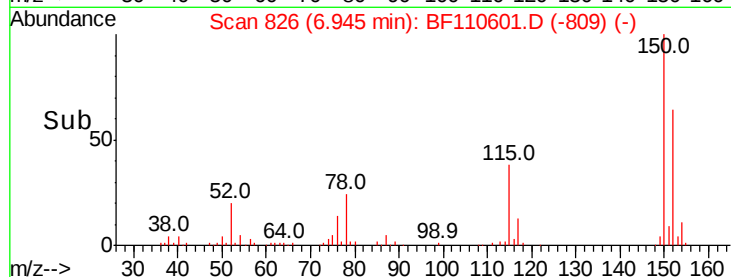
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110601.D
 Acq: 8 Nov 2018 22:41

Instrument :
 BNA_F
 ClientSampleId :
 HC-SOIL-1

Tot Ion:152 Resp: 87791
 Ion Ratio Lower Upper
 152 100
 150 156.6 122.7 184.1
 115 60.1 49.1 73.7



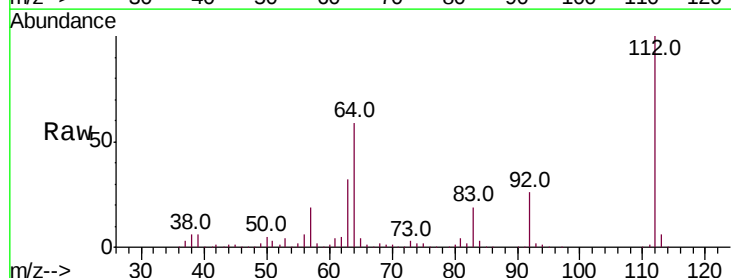
Abundance Ion 152.00 (151.70 to 152.70): E
 200000 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



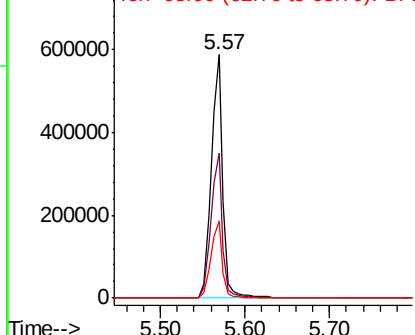
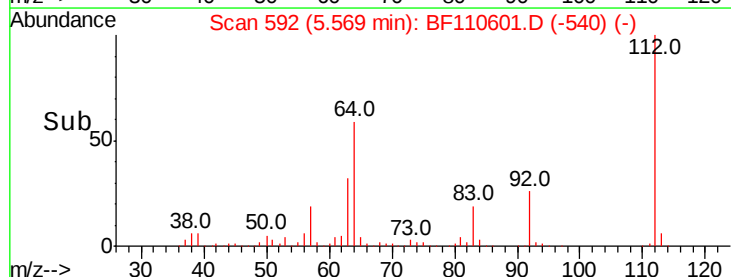
#5

2-Fluorophenol
 Concen: 105.547 ng
 RT: 5.57 min Scan# 592
 Delta R.T. 0.01 min
 Lab File: BF110601.D
 Acq: 8 Nov 2018 22:41

Tgt Ion:112 Resp: 570459
 Ion Ratio Lower Upper
 112 100
 64 59.3 44.1 66.1
 63 31.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 800000 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 107.632 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110601.D

Acq: 8 Nov 2018 22:41

Instrument :

BNA_F

ClientSampleId :

HC-SOIL-1

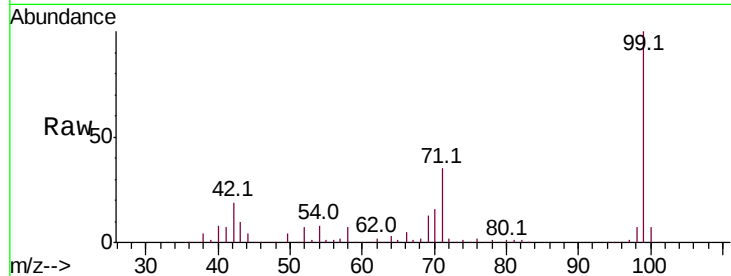
Tot Ion: 99 Resp: 743895

Ion Ratio Lower Upper

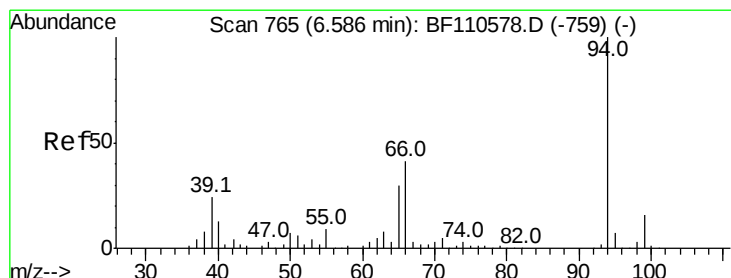
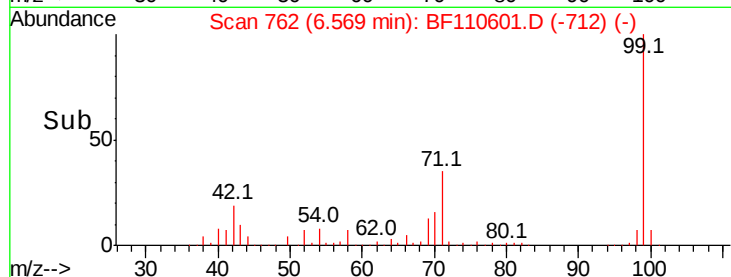
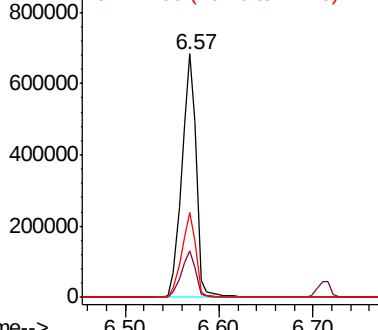
99 100

42 19.3 15.8 23.6

71 34.7 28.0 42.0



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: 4.663 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110601.D

Acq: 8 Nov 2018 22:41

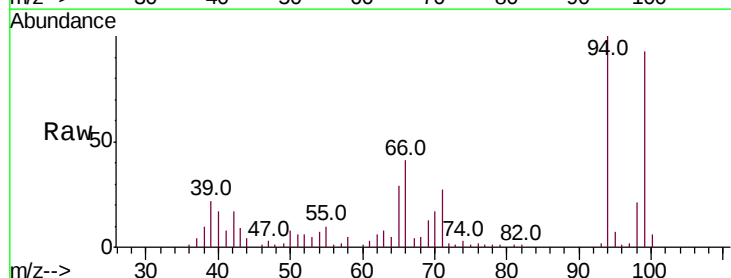
Tgt Ion: 94 Resp: 37367

Ion Ratio Lower Upper

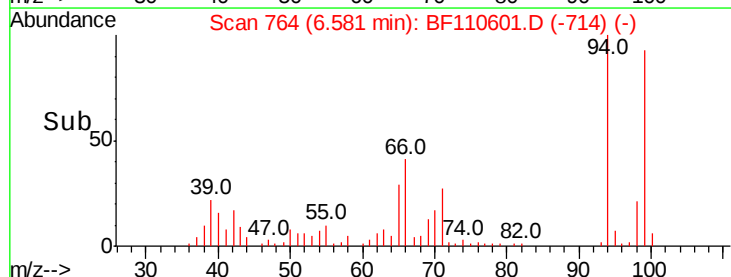
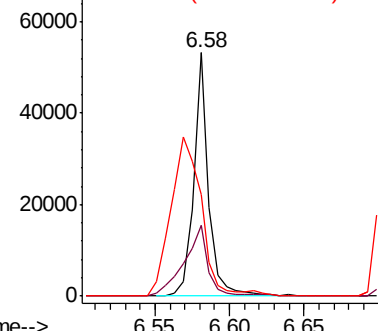
94 100

65 29.3 25.3 65.3

66 41.5 54.5 94.5#



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

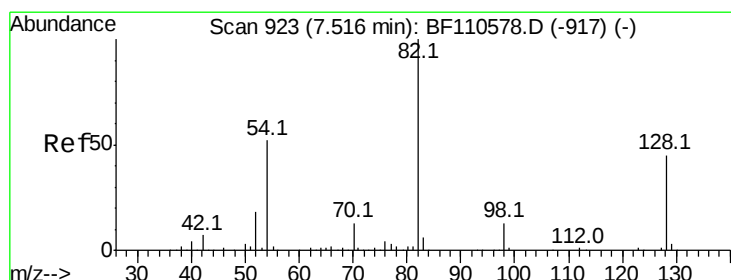
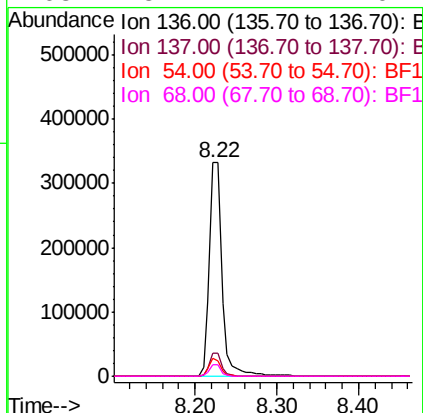
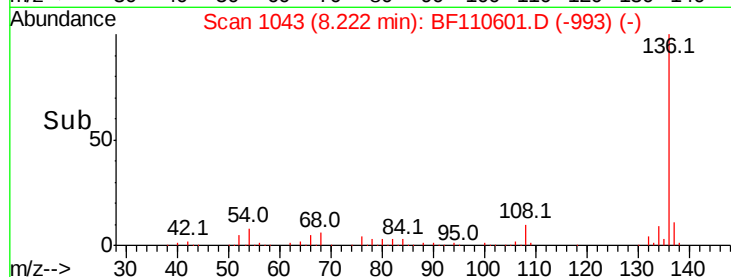
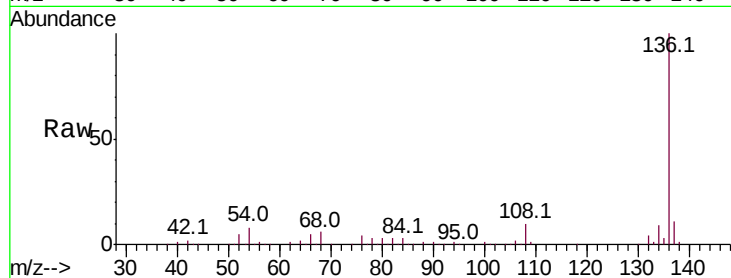




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110601.D
Acq: 8 Nov 2018 22:41

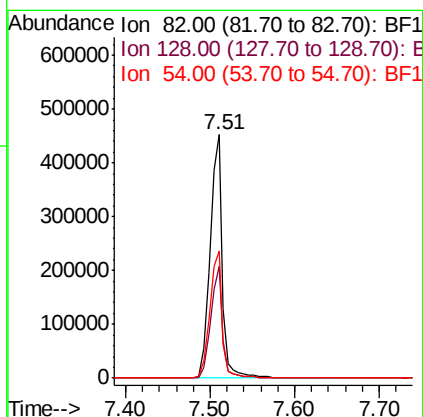
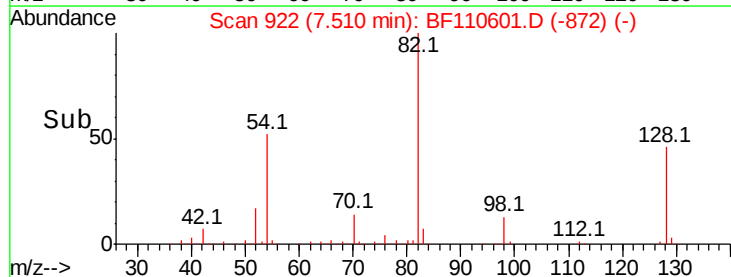
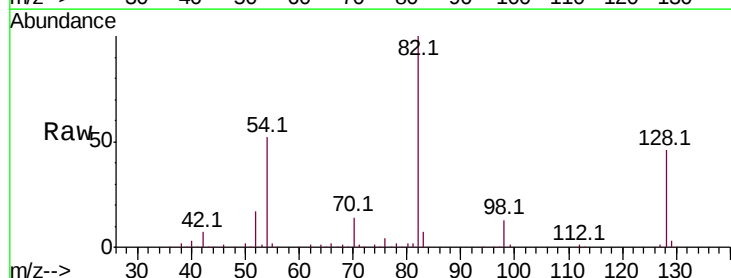
Instrument :
BNA_F
ClientSampleId :
HC-SOIL-1

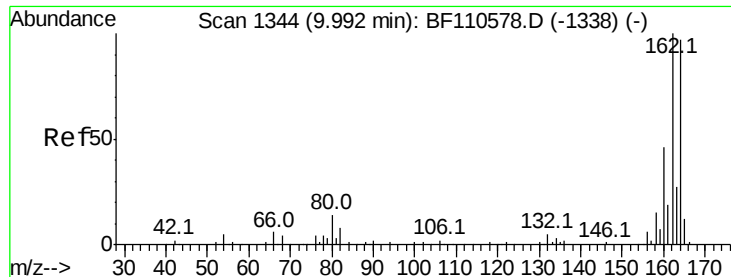
Tot Ion:	136	Resp:	356892
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.4	5.4	8.2#
68	5.7	4.2	6.2



#23
Nitrobenzene-d5
Concen: 75.021 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110601.D
Acq: 8 Nov 2018 22:41

Tgt Ion:	82	Resp:	464919
Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.2	51.2
54	52.3	38.6	58.0

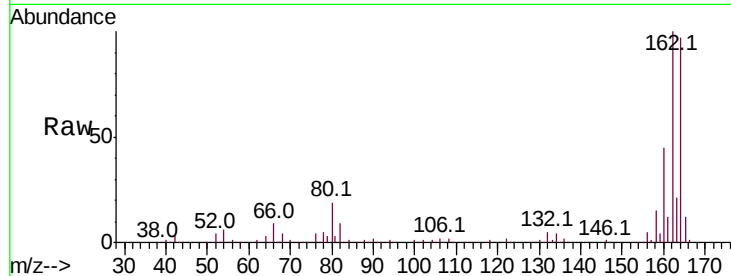




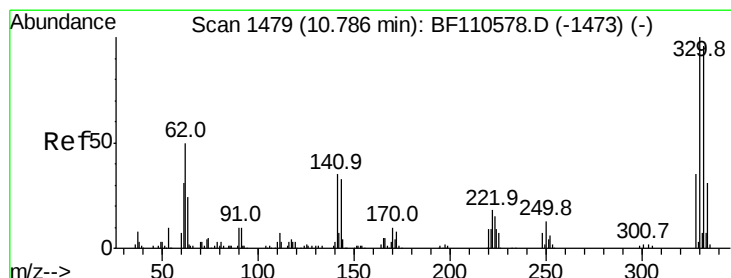
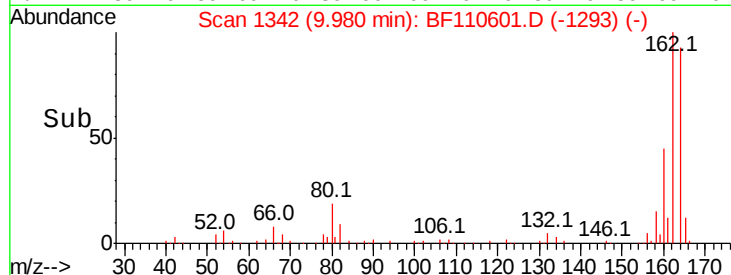
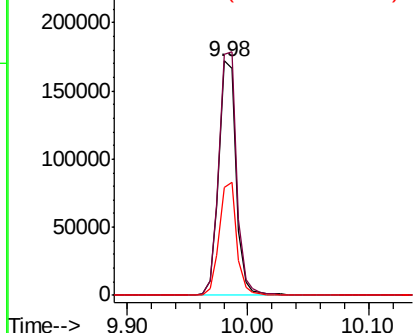
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110601.D
Acq: 8 Nov 2018 22:41

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-1

Tot Ion:164 Resp: 170443
Ion Ratio Lower Upper
164 100
162 103.2 83.0 124.6
160 46.0 37.0 55.6

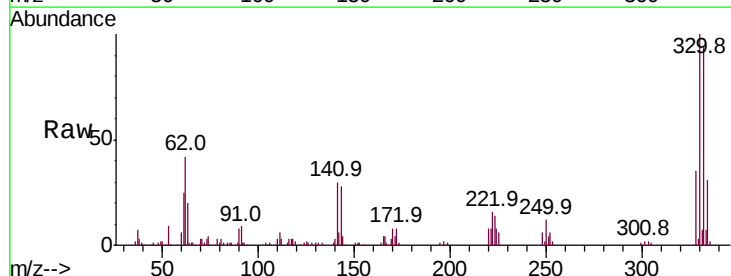


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

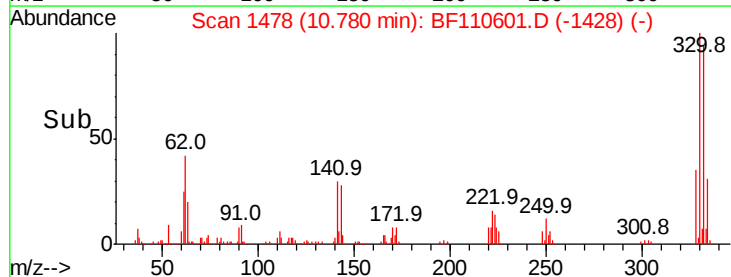
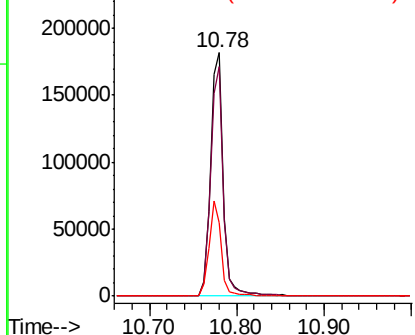


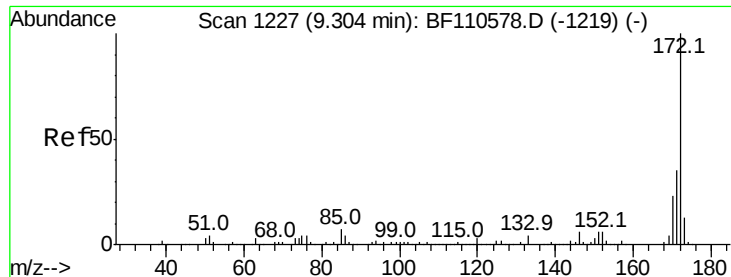
#42
2,4,6-Tribromophenol
Concen: 106.590 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110601.D
Acq: 8 Nov 2018 22:41

Tgt Ion:330 Resp: 183060
Ion Ratio Lower Upper
330 100
332 94.0 77.1 115.7
141 37.6 27.0 40.4



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

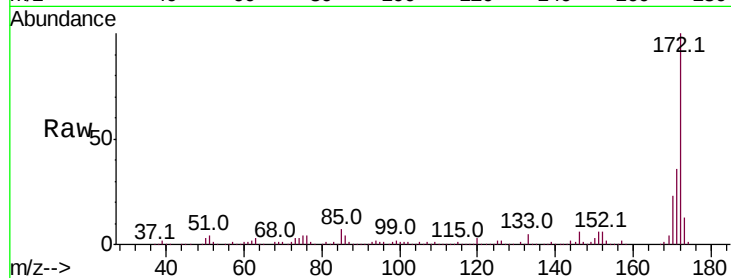




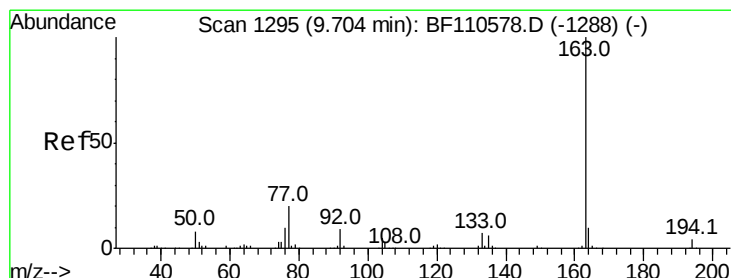
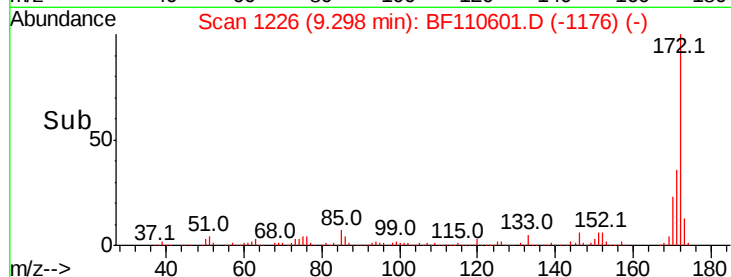
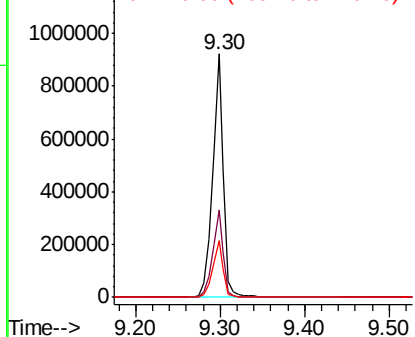
#45
2-Fluorobiphenyl
Concen: 70.127 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110601.D
Acq: 8 Nov 2018 22:41

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-1

Tot Ion:172 Resp: 836920
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.3 19.7 29.5

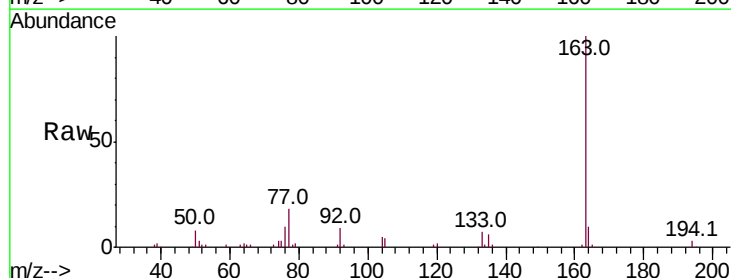


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

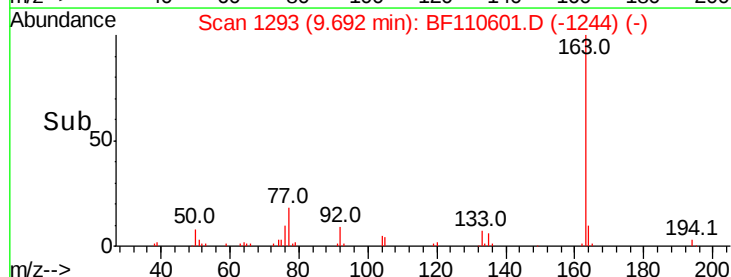
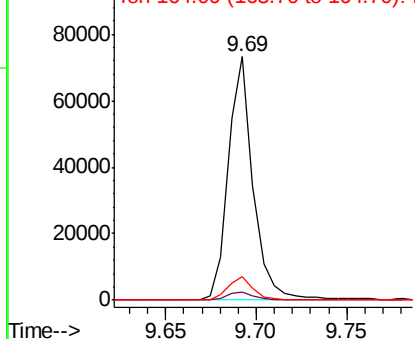


#50
Dimethylphthalate
Concen: 5.497 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110601.D
Acq: 8 Nov 2018 22:41

Tgt Ion:163 Resp: 69907
Ion Ratio Lower Upper
163 100
194 3.4 3.2 4.8
164 9.8 8.1 12.1



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BF110601.D

Acq: 8 Nov 2018 22:41

Instrument :

BNA_F

ClientSampleId :

HC-SOIL-1

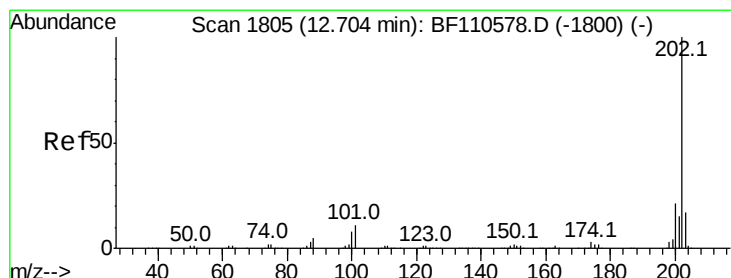
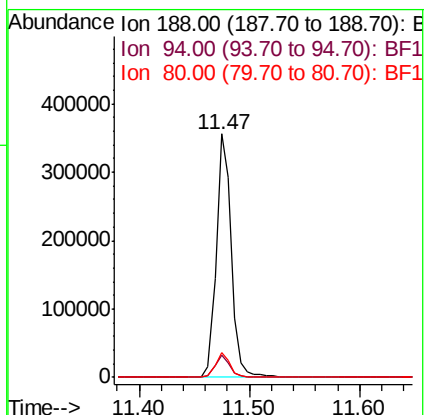
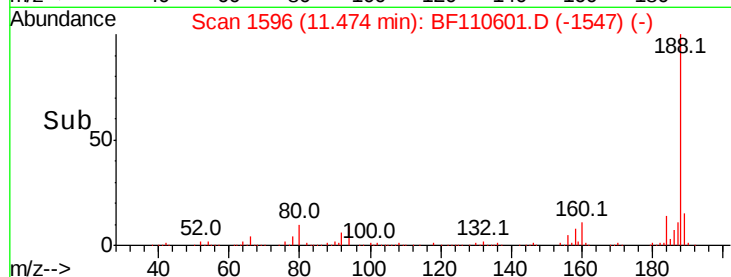
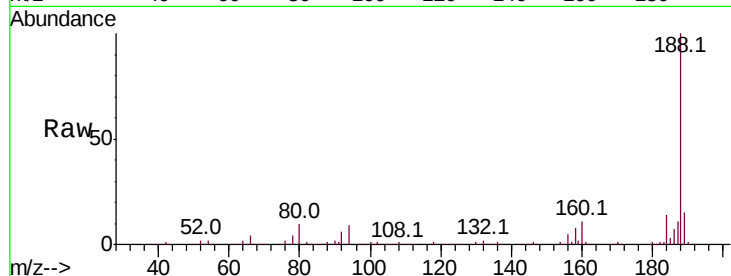
Tot Ion:188 Resp: 334411

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

80 10.0 7.9 11.9



#75

Fluoranthene

Concen: 2.313 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF110601.D

Acq: 8 Nov 2018 22:41

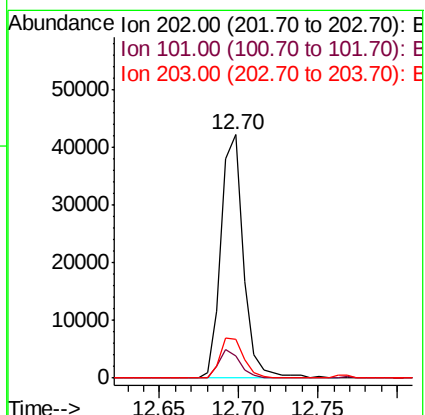
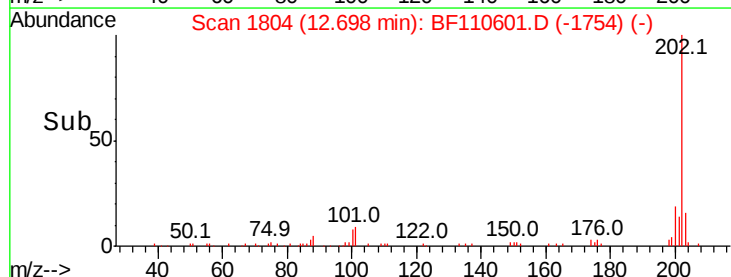
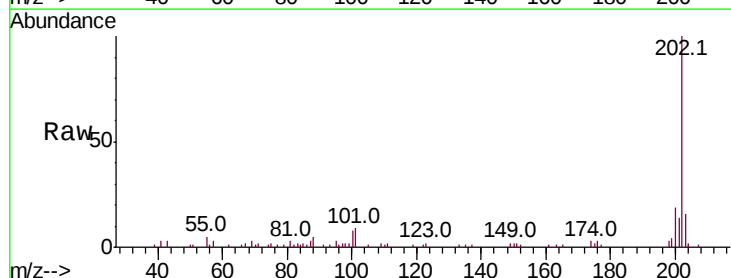
Tgt Ion:202 Resp: 41549

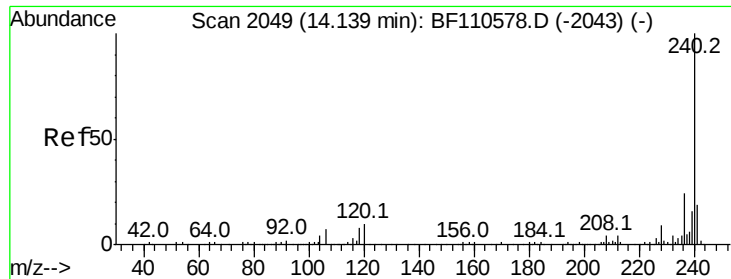
Ion Ratio Lower Upper

202 100

101 9.3 0.0 31.4

203 16.2 0.0 37.7

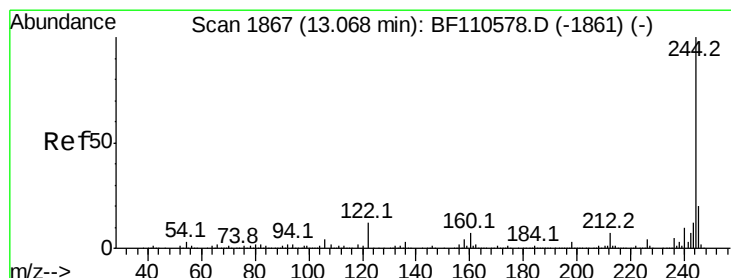
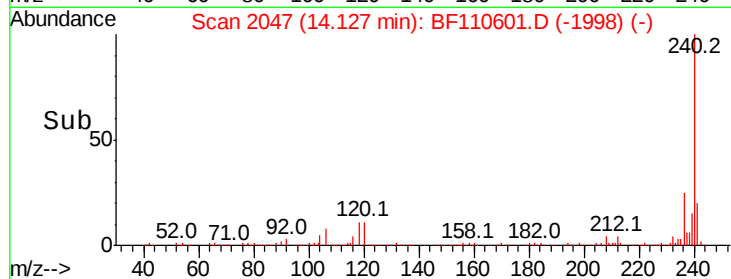
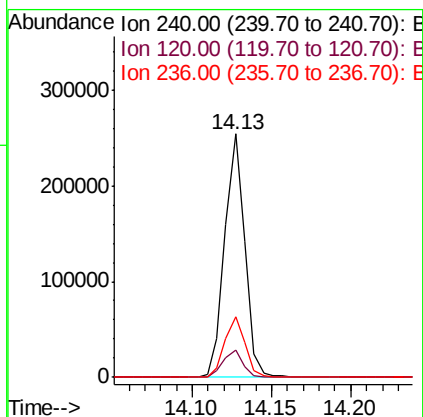
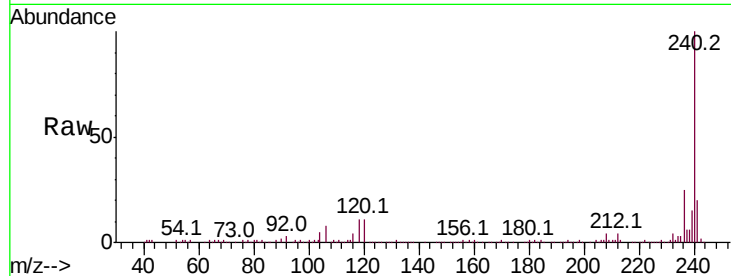




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110601.D
Acq: 8 Nov 2018 22:41

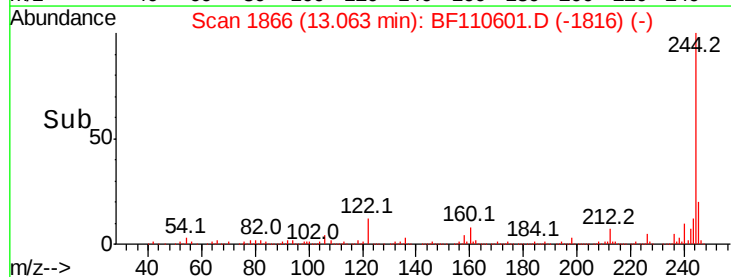
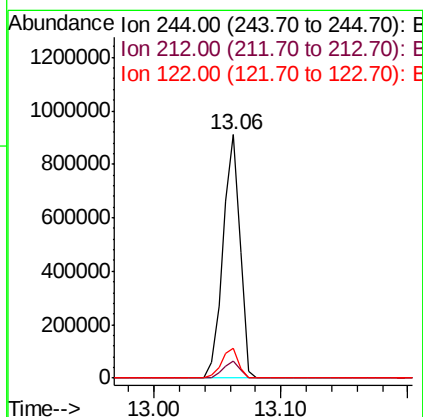
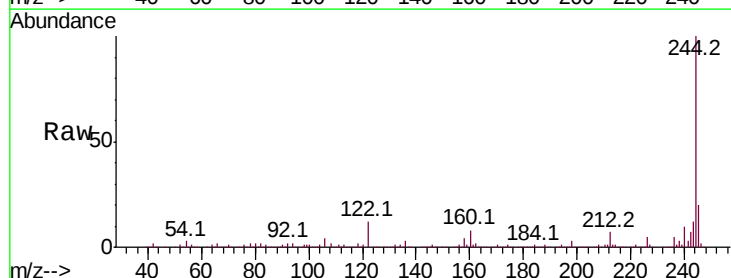
Instrument :
BNA_F
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HC-SOIL-1

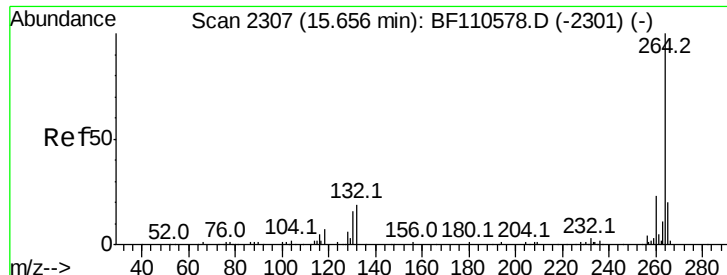
Tot Ion:240 Resp: 223743
Ion Ratio Lower Upper
240 100
120 11.4 8.3 12.5
236 24.9 21.2 31.8



#79
Terphenyl-d14
Concen: 71.295 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110601.D
Acq: 8 Nov 2018 22:41

Tgt Ion:244 Resp: 851770
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 12.4 8.7 13.1

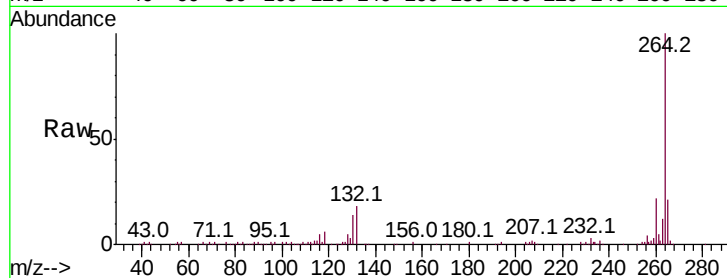




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.65 min Scan# 2306
 Delta R.T. -0.01 min
 Lab File: BF110601.D
 Acq: 8 Nov 2018 22:41

Instrument :
 BNA_F
 ClientSampleId :
 HC-SOIL-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.7	28.1
265	21.4	16.7	25.1



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

