

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101417\
 Data File : BF099495.D
 Acq On : 14 Oct 2017 23:51
 Operator : SJ/JU
 Sample : I5833-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-101117-SOIL

Quant Time: Oct 15 00:53:08 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 23:44:03 2017
 Response via : Initial Calibration

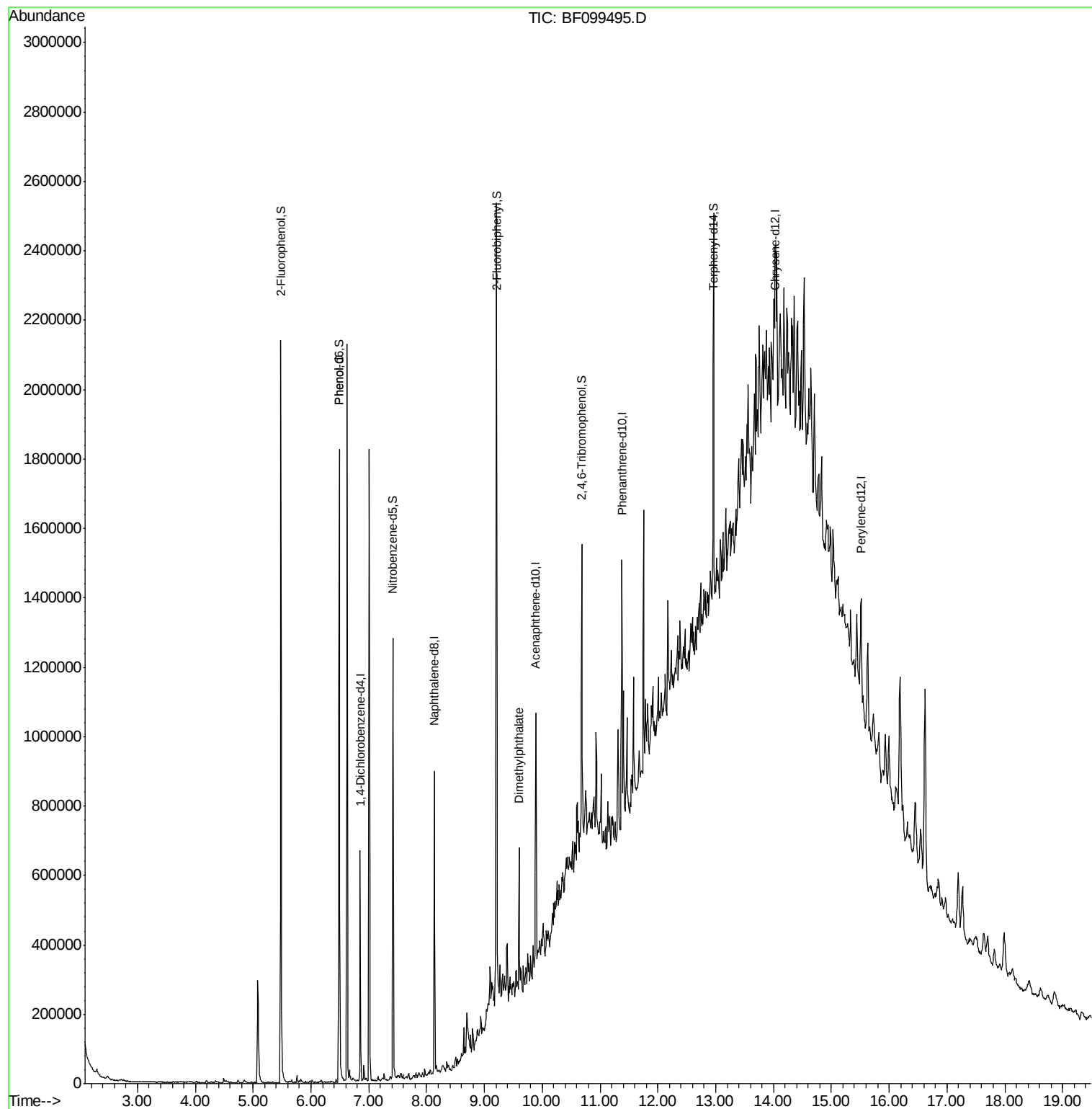
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	94214	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	380362	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	155977	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	224971	20.00	ng	0.00
75) Chrysene-d12	14.03	240	133703	20.00	ng	0.00
86) Perylene-d12	15.52	264	147466	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	636869	107.61	ng	0.00
7) Phenol-d6	6.49	99	751781	102.97	ng	0.00
23) Nitrobenzene-d5	7.42	82	445573	75.12	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	128493	100.68	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	781759	83.67	ng	0.00
78) Terphenyl-d14	12.96	244	441252	75.05	ng	0.00
Target Compounds						
10) Phenol	6.50	94	37869	4.64	ng	88
49) Dimethylphthalate	9.60	163	170823	14.51	ng	99

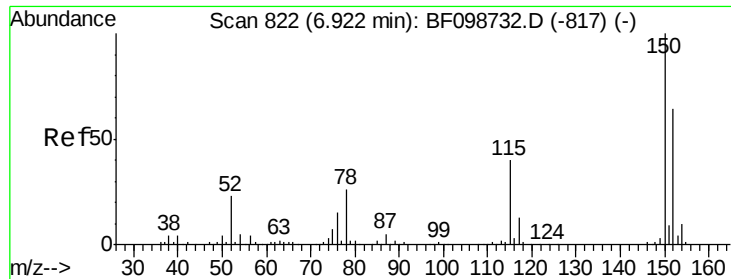
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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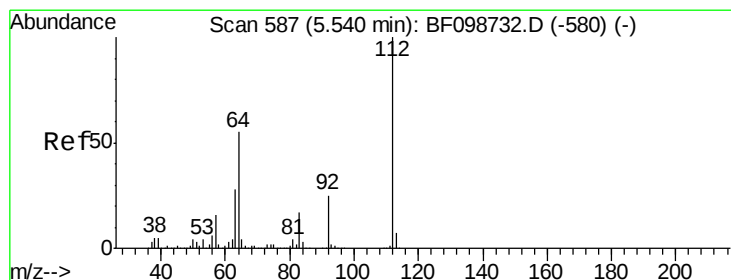
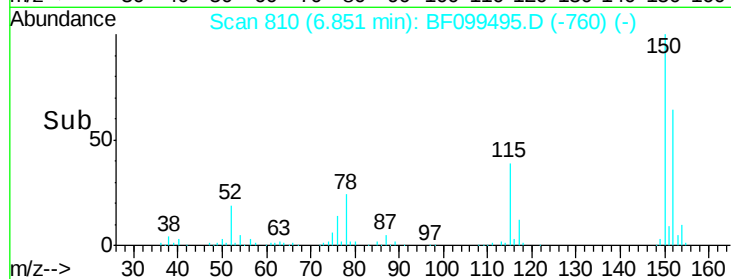
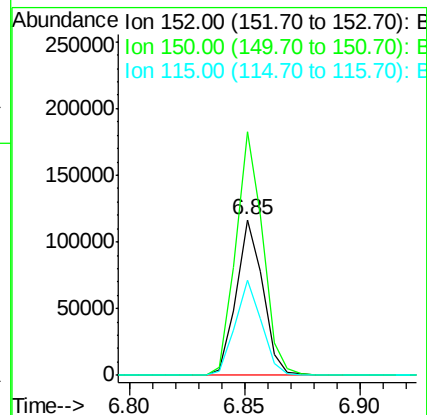
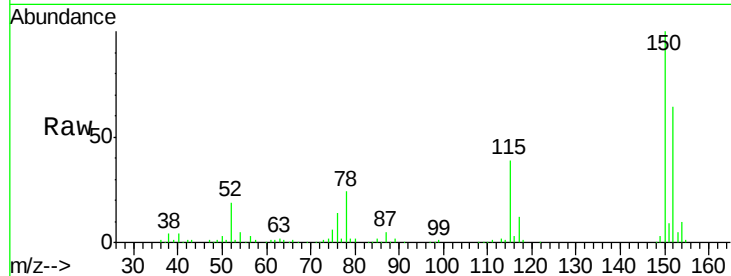


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF099495.D
Acq: 14 Oct 2017 23:51

Instrument :
BNA_F
ClientSampleId :
WC-101117-SOIL

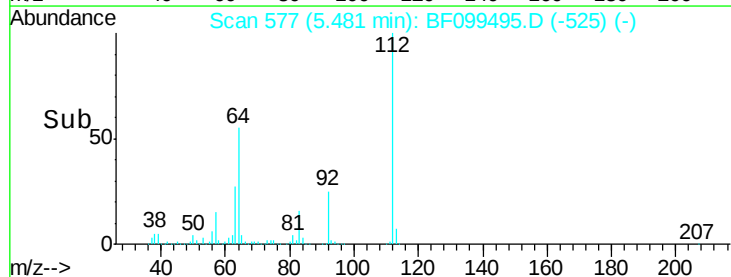
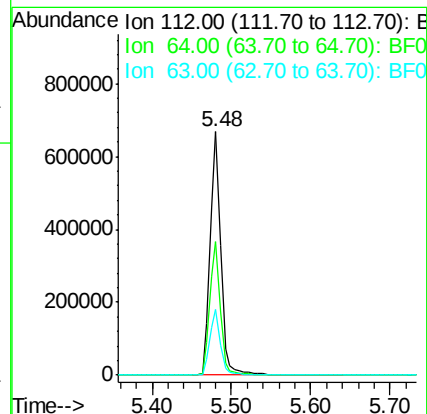
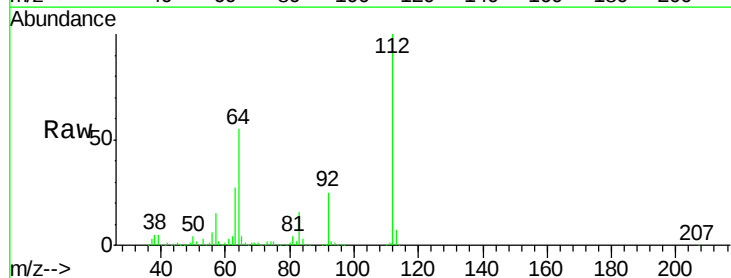
Tgt Ion:152 Resp: 94214
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 60.9 50.1 75.1

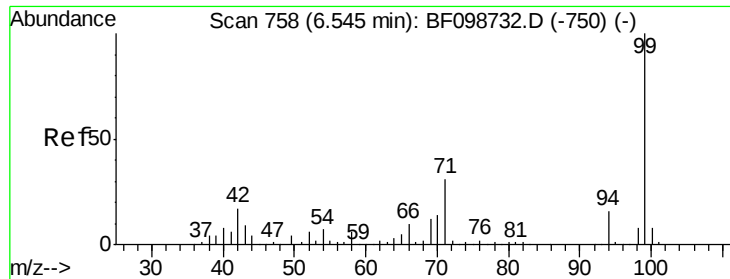


#5

2-Fluorophenol
Concen: 107.61 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF099495.D
Acq: 14 Oct 2017 23:51

Tgt Ion:112 Resp: 636869
Ion Ratio Lower Upper
112 100
64 54.9 47.9 71.9
63 27.0 23.7 35.5





#7

Phenol-d6

Concen: 102.97 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF099495.D

Acq: 14 Oct 2017 23:51

Instrument :

BNA_F

ClientSampleId :

WC-101117-SOIL

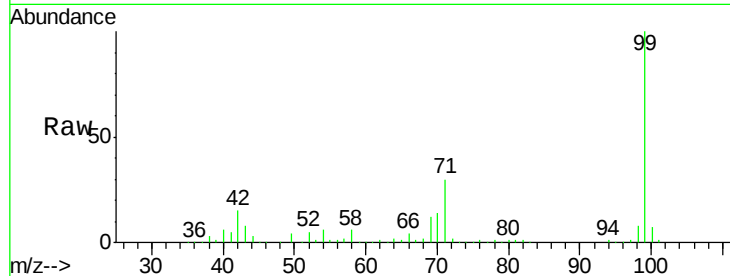
Tgt Ion: 99 Resp: 751781

Ion Ratio Lower Upper

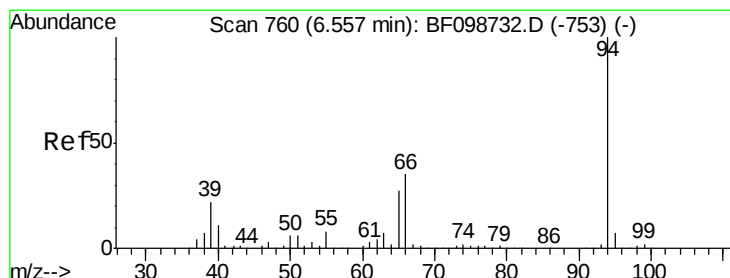
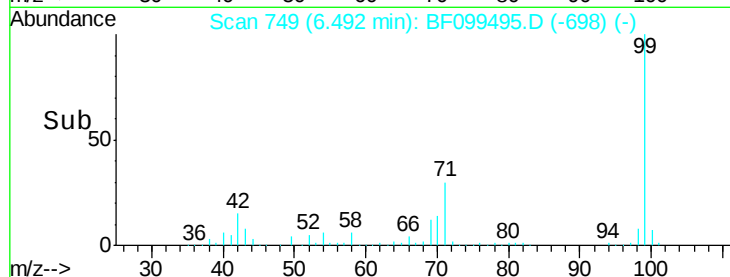
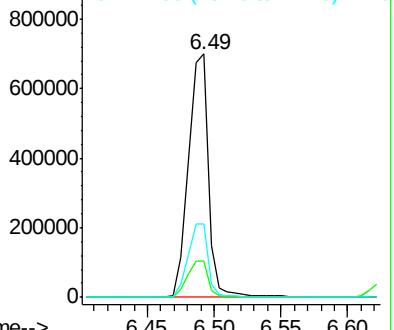
99 100

42 15.0 14.5 21.7

71 30.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 4.64 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF099495.D

Acq: 14 Oct 2017 23:51

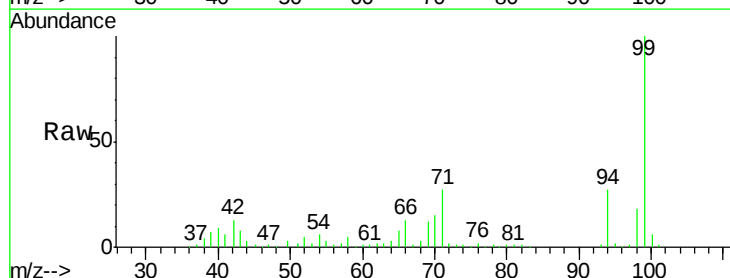
Tgt Ion: 94 Resp: 37869

Ion Ratio Lower Upper

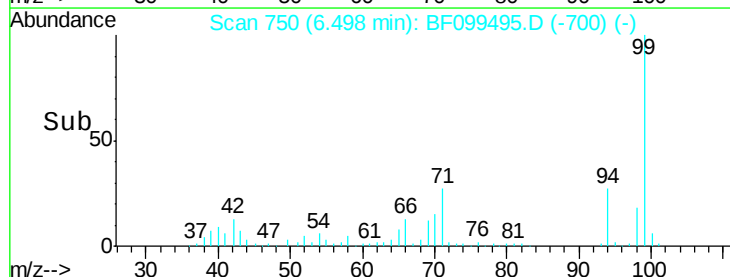
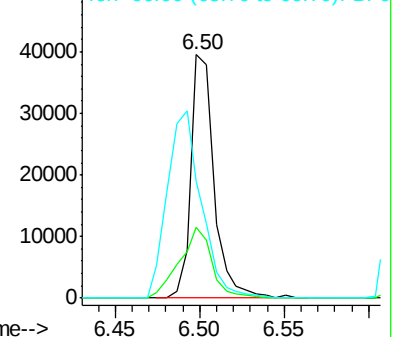
94 100

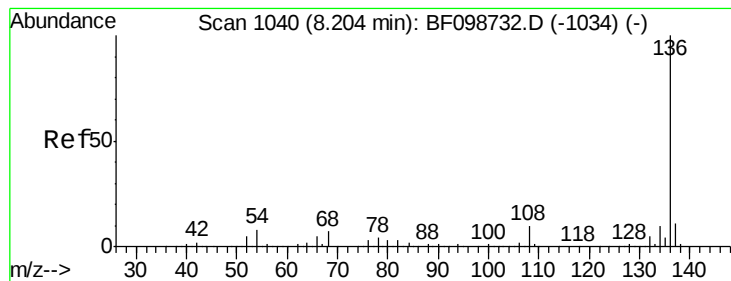
65 29.2 7.9 47.9

66 47.8 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF099495.D

Acq: 14 Oct 2017 23:51

Instrument :

BNA_F

ClientSampleId :

WC-101117-SOIL

Tgt Ion: 136 Resp: 380362

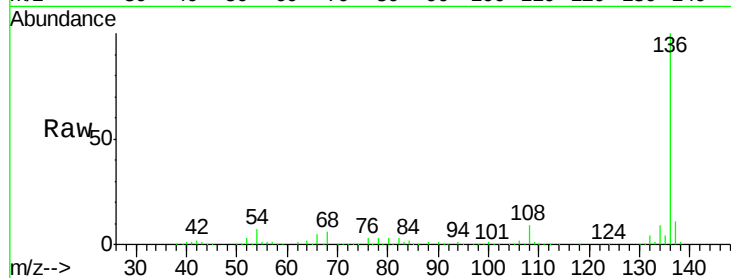
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.9 6.6 9.8

68 5.8 5.0 7.4

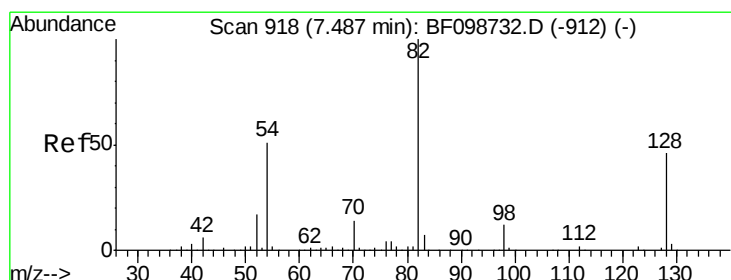
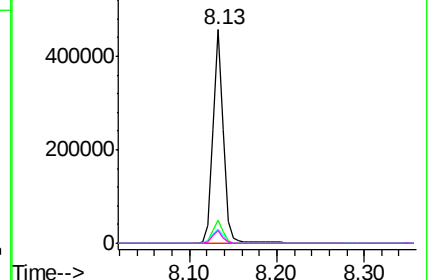
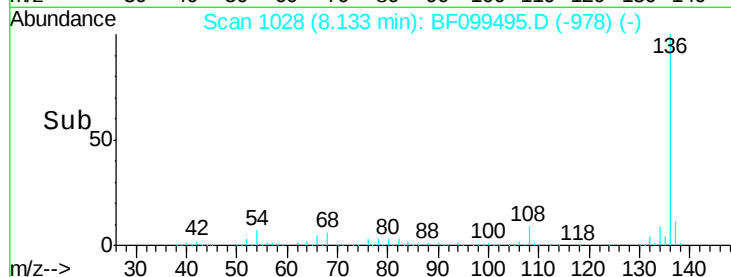


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 75.12 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF099495.D

Acq: 14 Oct 2017 23:51

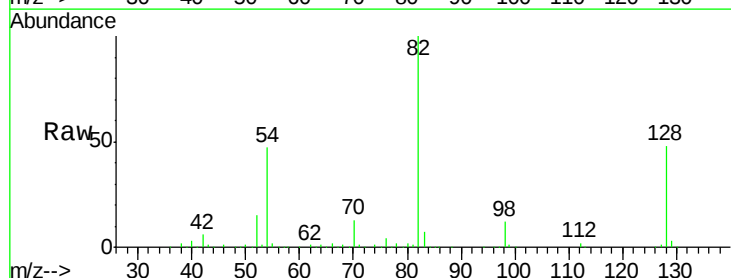
Tgt Ion: 82 Resp: 445573

Ion Ratio Lower Upper

82 100

128 47.5 36.1 54.1

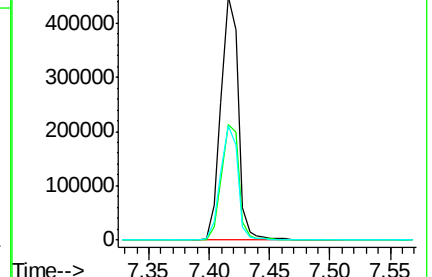
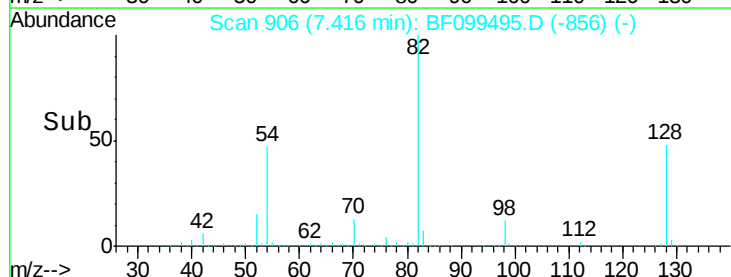
54 47.1 41.4 62.2

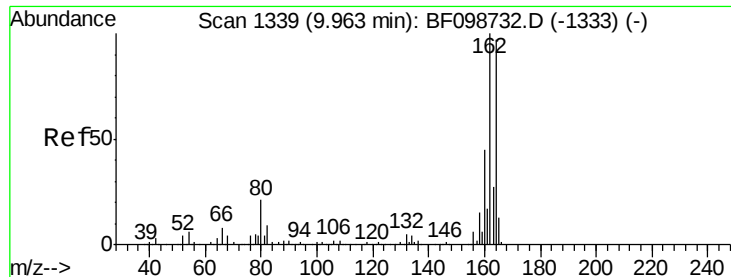


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF099495.D

Acq: 14 Oct 2017 23:51

Instrument :

BNA_F

ClientSampleId :

WC-101117-SOIL

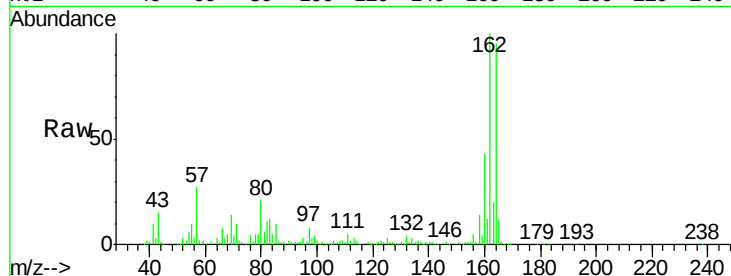
Tgt Ion:164 Resp: 155977

Ion Ratio Lower Upper

164 100

162 105.4 86.1 129.1

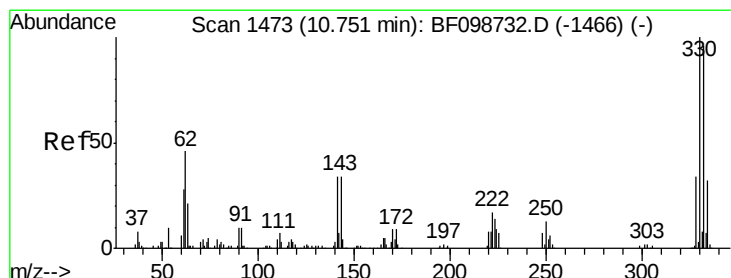
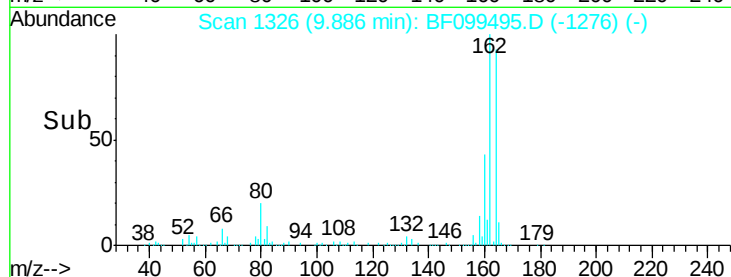
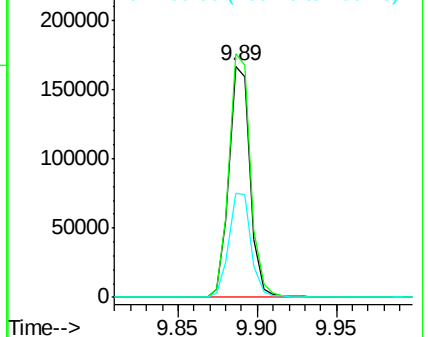
160 45.2 38.3 57.5



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: 100.68 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.00 min

Lab File: BF099495.D

Acq: 14 Oct 2017 23:51

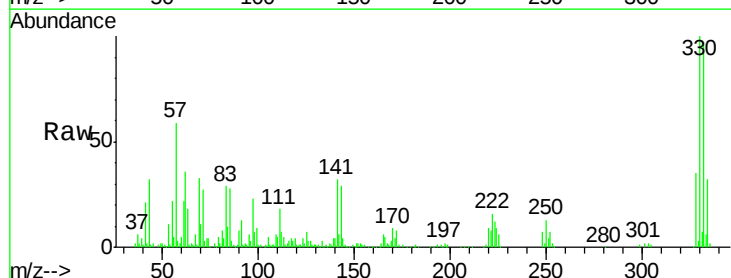
Tgt Ion:330 Resp: 128493

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

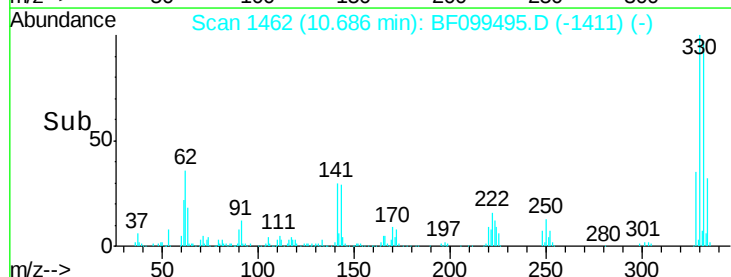
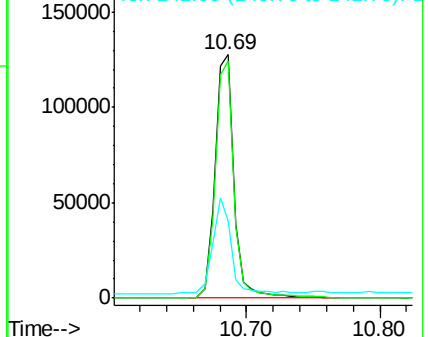
141 37.5 29.9 44.9

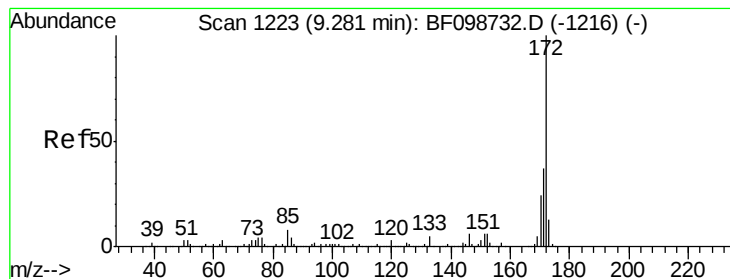


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 83.67 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.00 min

Lab File: BF099495.D

Acq: 14 Oct 2017 23:51

Instrument :

BNA_F

ClientSampleId :

WC-101117-SOIL

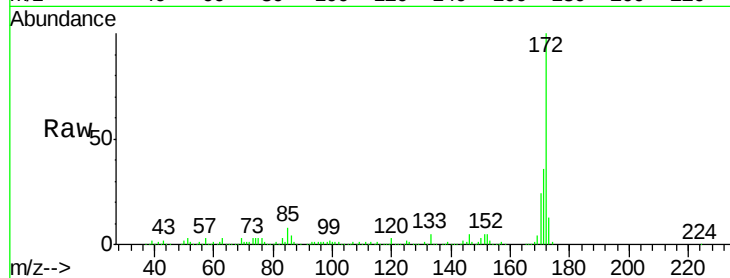
Tgt Ion:172 Resp: 781759

Ion Ratio Lower Upper

172 100

171 35.8 29.7 44.5

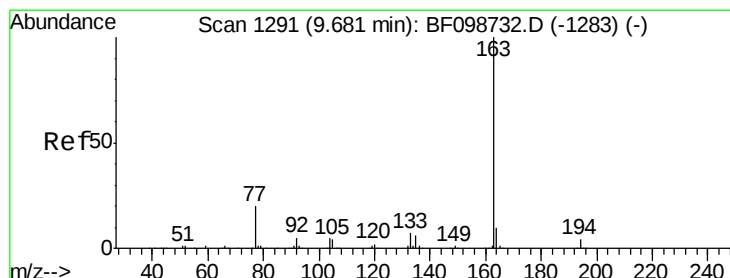
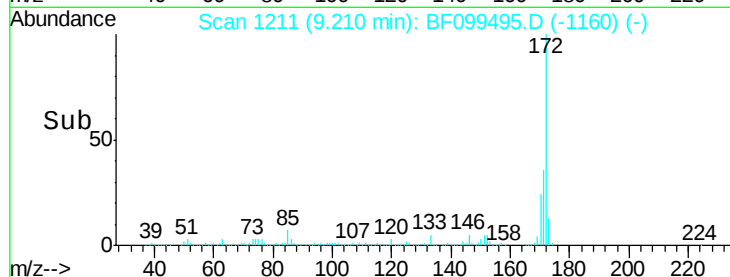
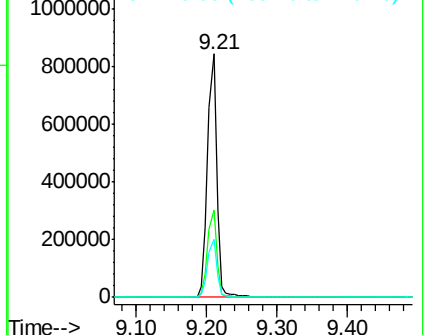
170 24.0 19.6 29.4



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



#49

Dimethylphthalate

Concen: 14.51 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF099495.D

Acq: 14 Oct 2017 23:51

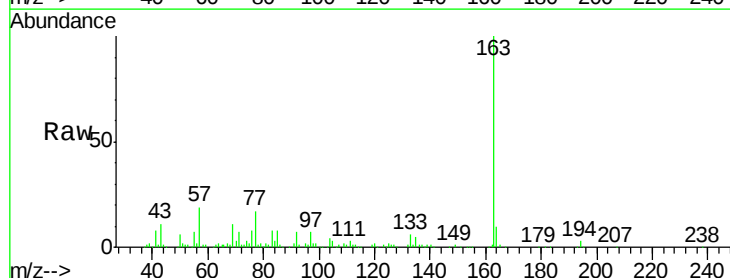
Tgt Ion:163 Resp: 170823

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

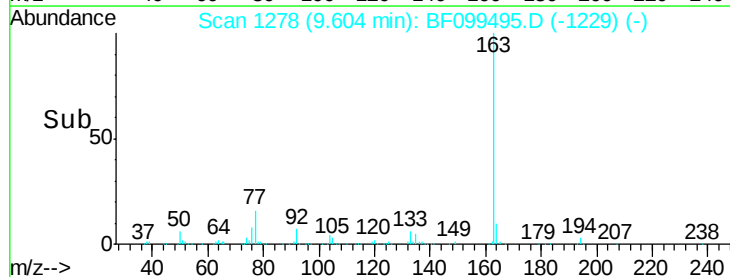
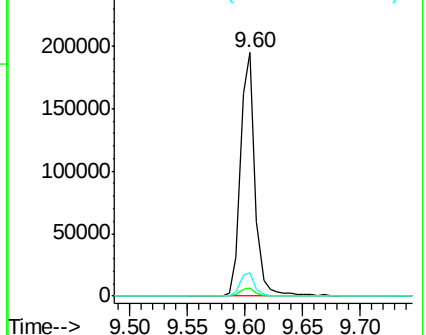
164 9.9 8.2 12.2

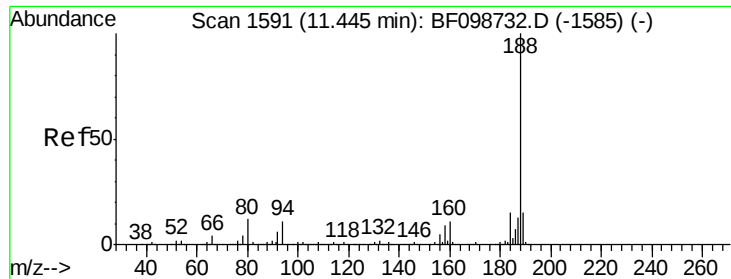


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

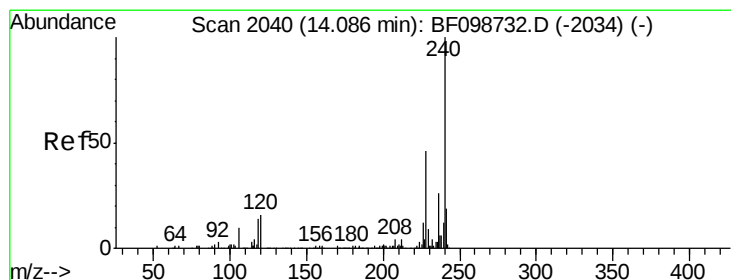
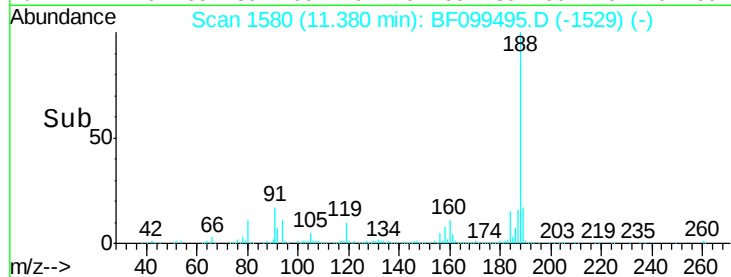
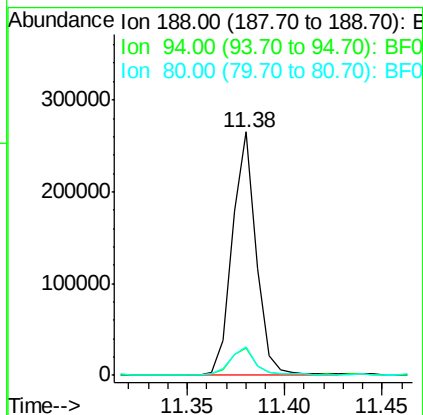
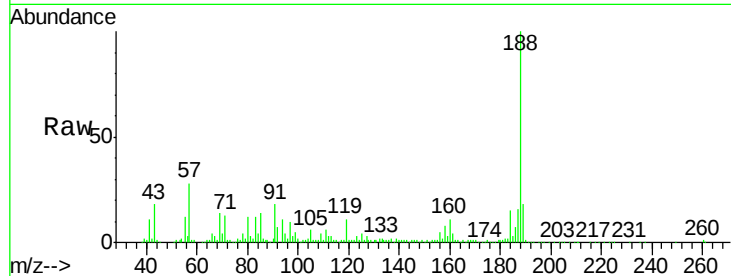




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF099495.D
Acq: 14 Oct 2017 23:51

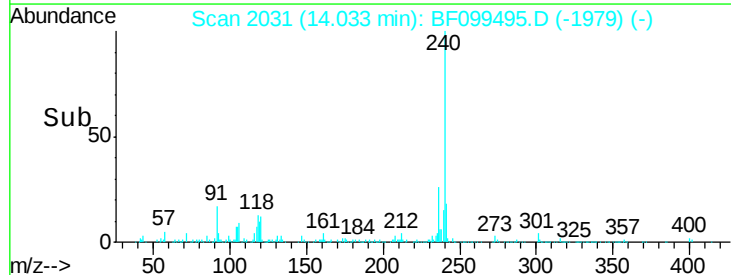
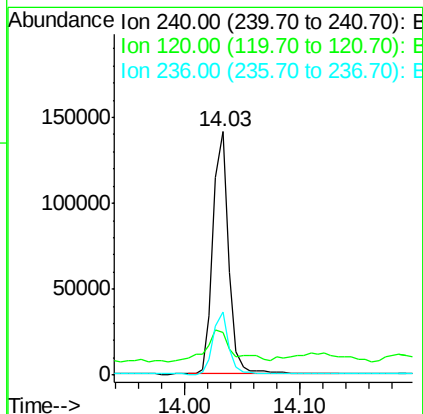
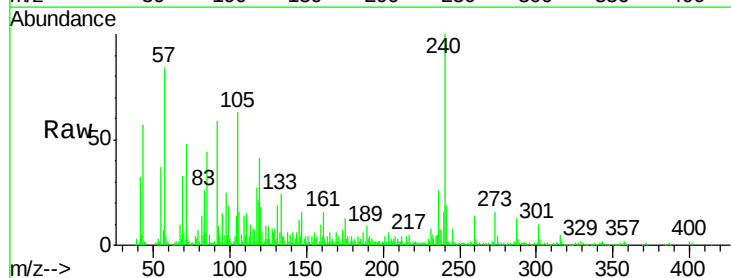
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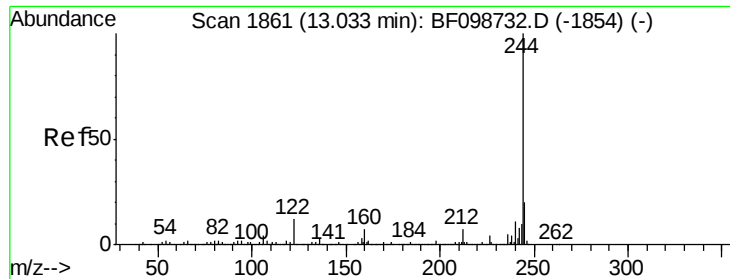
Tgt Ion:188 Resp: 224971
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BF099495.D
Acq: 14 Oct 2017 23:51

Tgt Ion:240 Resp: 133703
Ion Ratio Lower Upper
240 100
120 17.5 9.5 14.3#
236 25.9 20.7 31.1





#78

Terphenyl-d14

Concen: 75.05 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BF099495.D

Acq: 14 Oct 2017 23:51

Instrument :

BNA_F

ClientSampleId :

WC-101117-SOIL

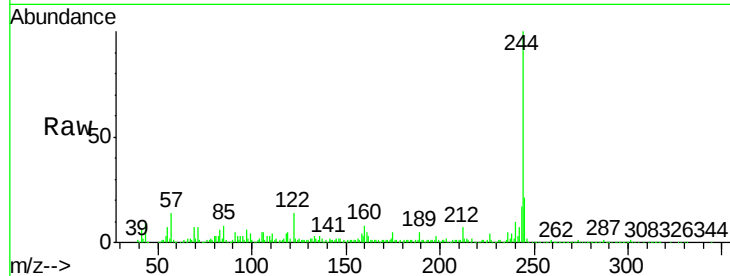
Tgt Ion:244 Resp: 441252

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

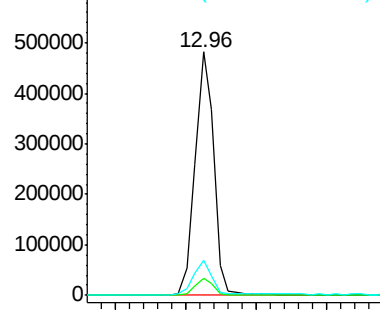
122 14.3 11.0 16.4



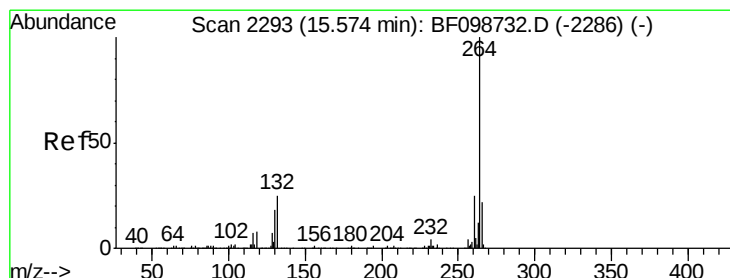
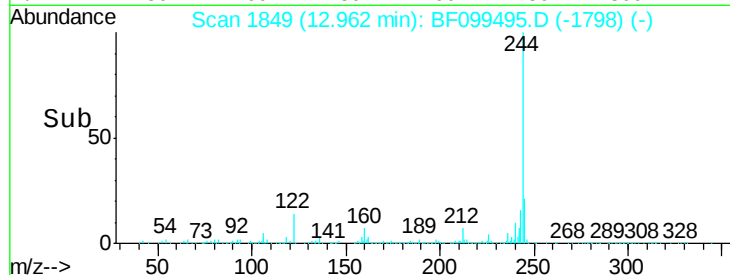
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.52 min Scan# 2283

Delta R.T. 0.02 min

Lab File: BF099495.D

Acq: 14 Oct 2017 23:51

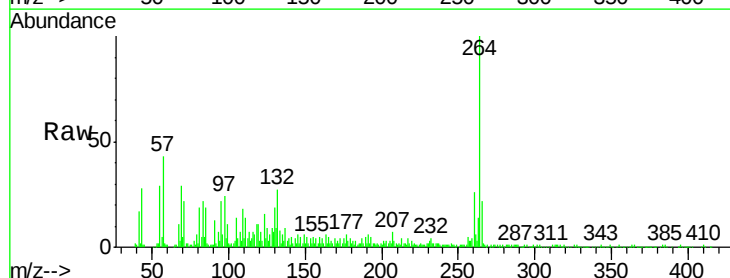
Tgt Ion:264 Resp: 147466

Ion Ratio Lower Upper

264 100

260 25.6 19.2 28.8

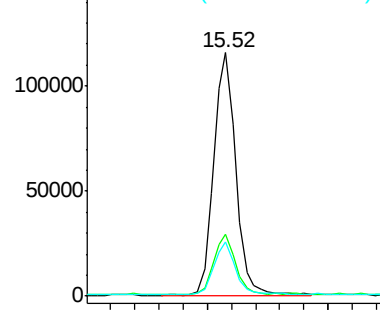
265 22.2 17.5 26.3



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



Time-->

