

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102617\
 Data File : BF099859.D
 Acq On : 26 Oct 2017 14:11
 Operator : SJ/JU
 Sample : I6034-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONE

Quant Time: Oct 26 16:52:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 16:31:52 2017
 Response via : Initial Calibration

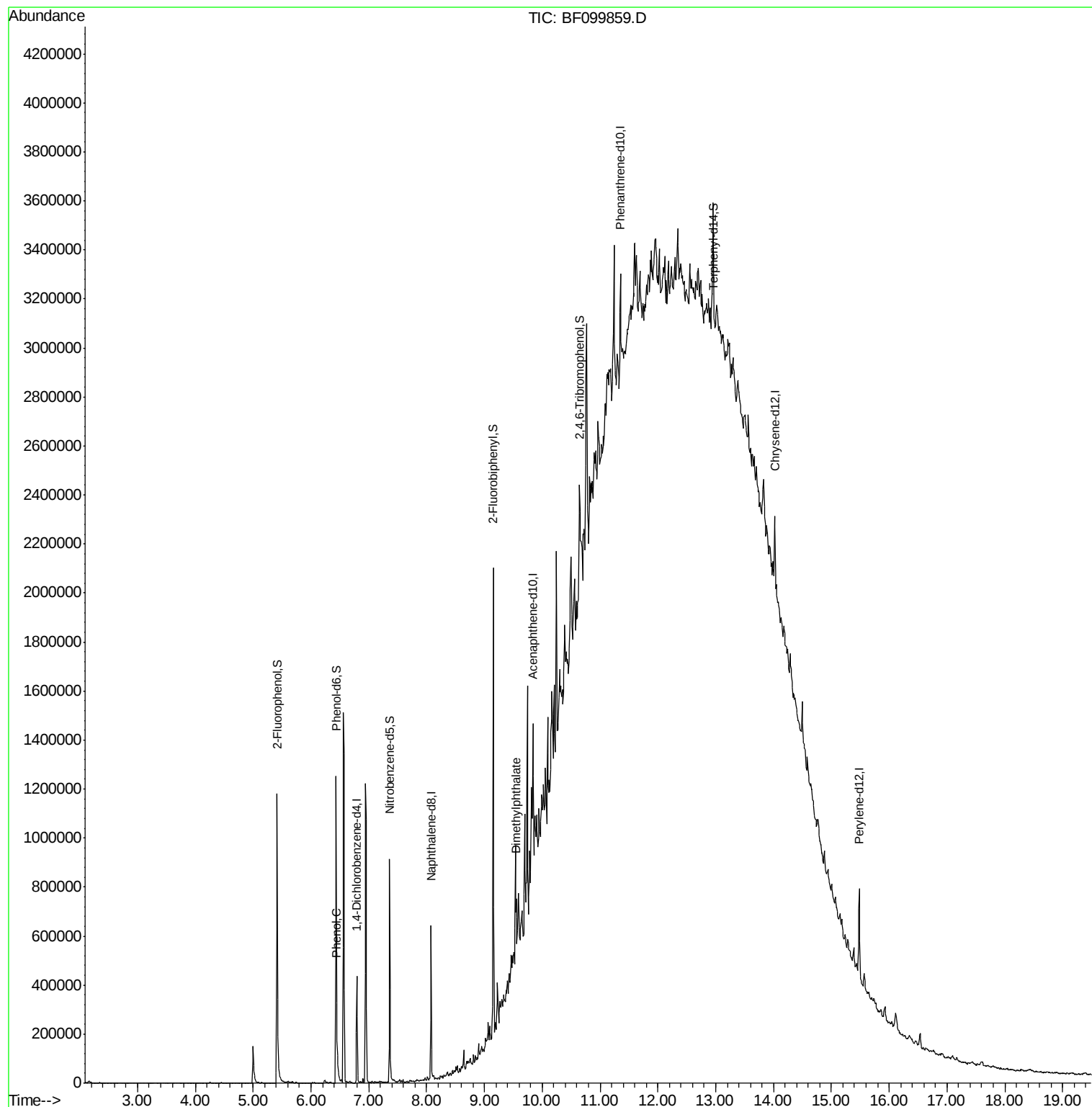
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	67984	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	282620	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	118901	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	146461	20.00	ng	0.02
75) Chrysene-d12	14.02	240	152585	20.00	ng	0.04
86) Perylene-d12	15.48	264	175403	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	434177	100.27	ng	0.00
7) Phenol-d6	6.43	99	513987	100.10	ng	0.00
23) Nitrobenzene-d5	7.36	82	292001	66.52	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	98714	91.10	ng	0.01
44) 2-Fluorobiphenyl	9.16	172	604359	78.42	ng	0.00
78) Terphenyl-d14	12.96	244	354950	50.84	ng	0.04
Target Compounds						
10) Phenol	6.45	94	20035	3.554	ng	93
49) Dimethylphthalate	9.56	163	23800	2.528	ng	# 92

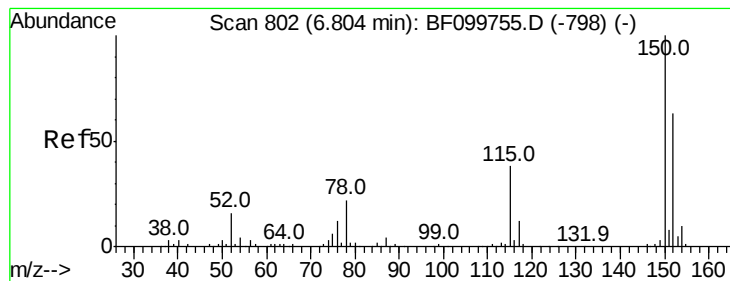
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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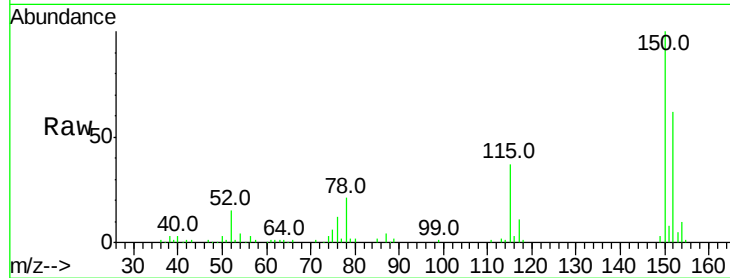


#1

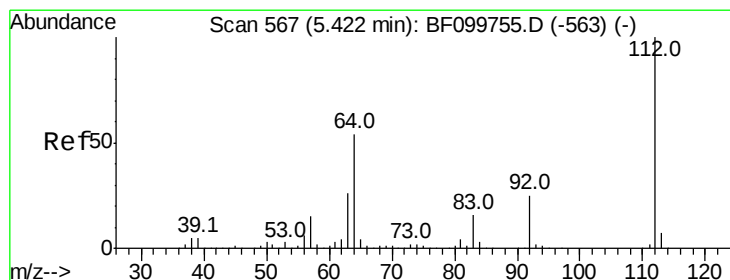
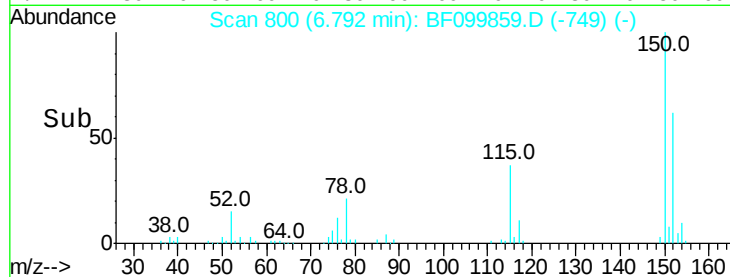
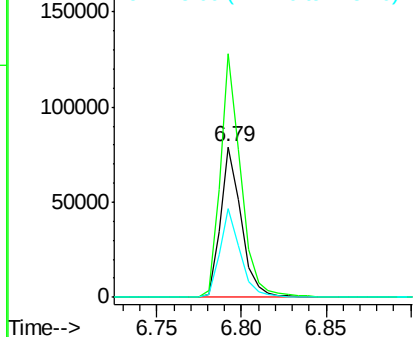
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099859.D
Acq: 26 Oct 2017 14:11

Instrument :
BNA_F
ClientSampleId :
OILY-STONE

Tot Ion:152 Resp: 67984
Ion Ratio Lower Upper
152 100
150 161.8 124.6 186.8
115 59.1 50.1 75.1



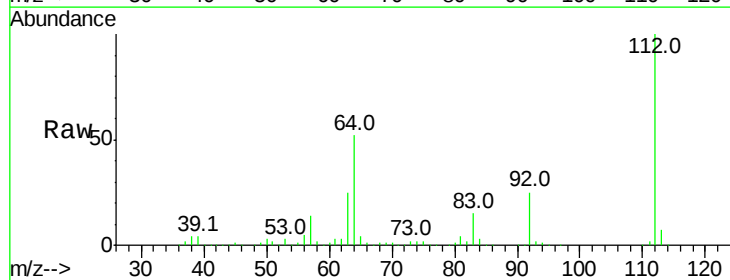
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



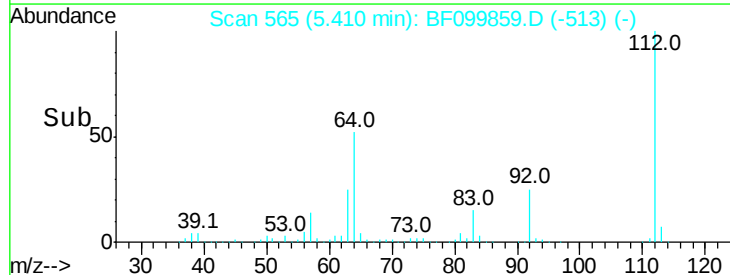
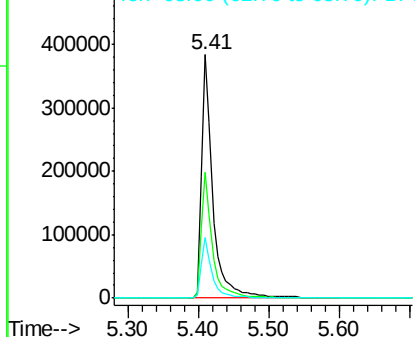
#5

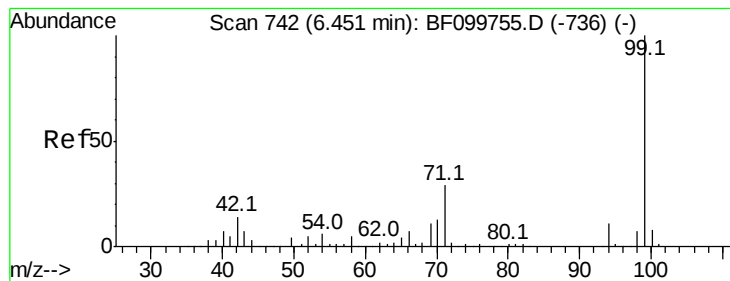
2-Fluorophenol
Concen: 100.265 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF099859.D
Acq: 26 Oct 2017 14:11

Tgt Ion:112 Resp: 434177
Ion Ratio Lower Upper
112 100
64 51.7 47.9 71.9
63 24.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 100.105 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF099859.D

Acq: 26 Oct 2017 14:11

Instrument :

BNA_F

ClientSampleId :

OILY-STONE

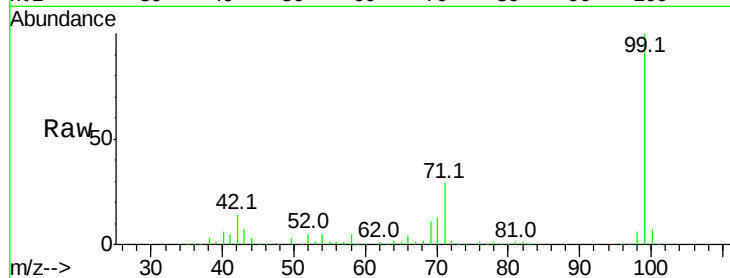
Tot Ion: 99 Resp: 513987

Ion Ratio Lower Upper

99 100

42 14.0 14.5 21.7#

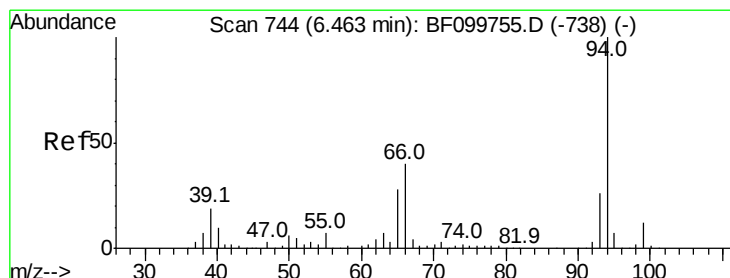
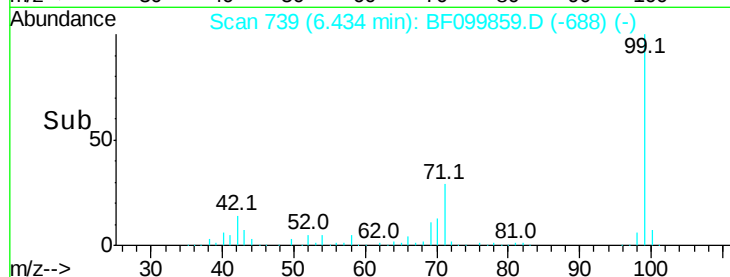
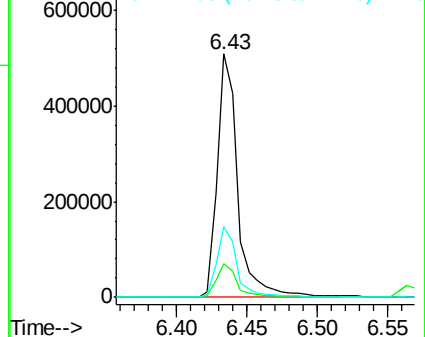
71 29.3 25.4 38.0



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: 3.554 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF099859.D

Acq: 26 Oct 2017 14:11

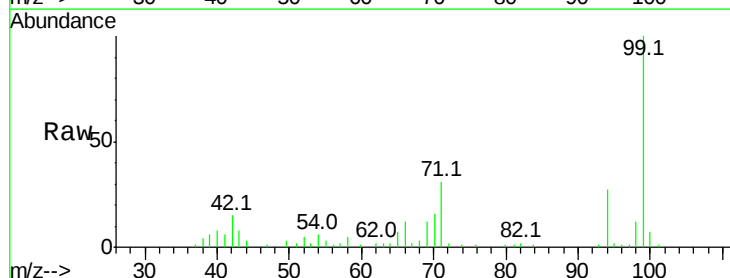
Tgt Ion: 94 Resp: 20035

Ion Ratio Lower Upper

94 100

65 27.9 7.9 47.9

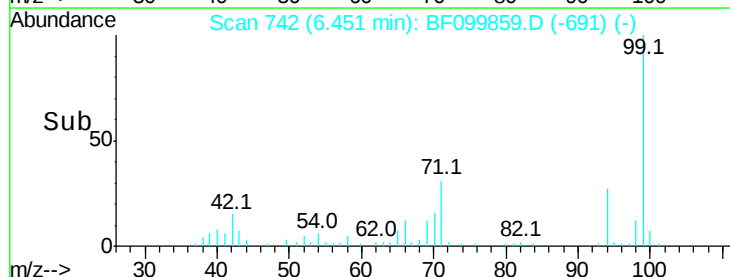
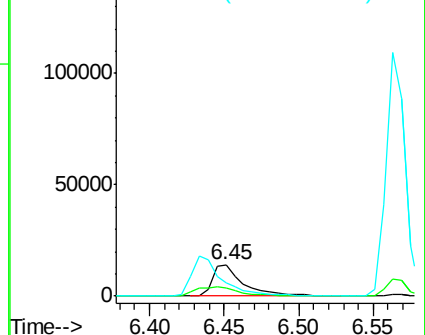
66 43.6 16.2 56.2

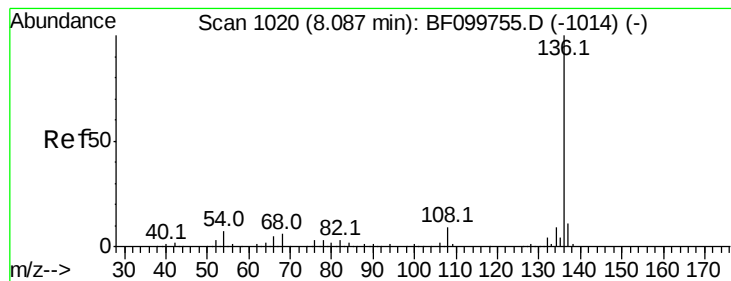


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF099859.D

Acq: 26 Oct 2017 14:11

Instrument :

BNA_F

ClientSampleId :

OILY-STONE

Tot Ion:136 Resp: 282620

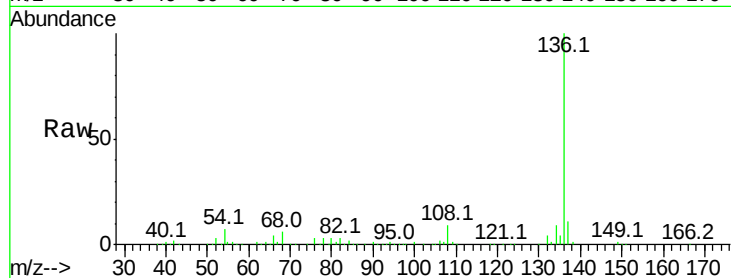
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 6.7 6.6 9.8

68 5.9 5.0 7.4

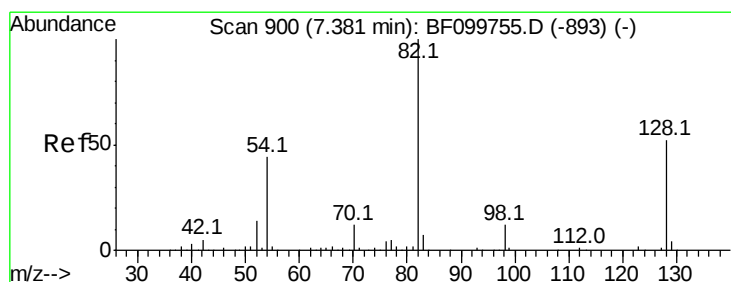
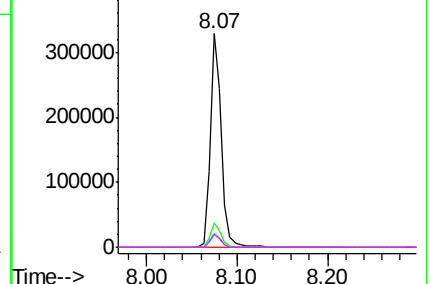
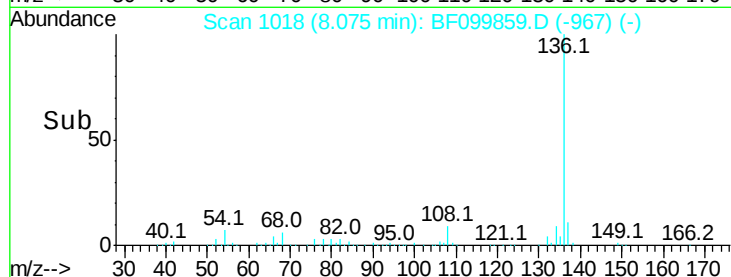


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.517 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF099859.D

Acq: 26 Oct 2017 14:11

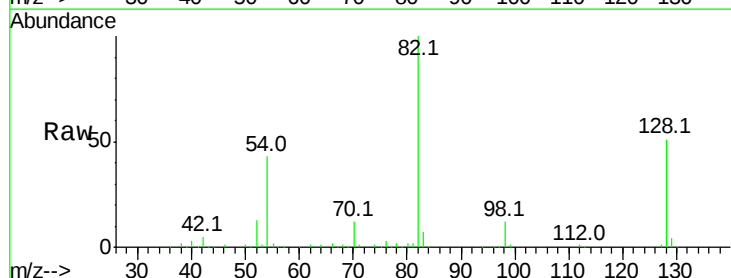
Tgt Ion: 82 Resp: 292001

Ion Ratio Lower Upper

82 100

128 51.0 36.1 54.1

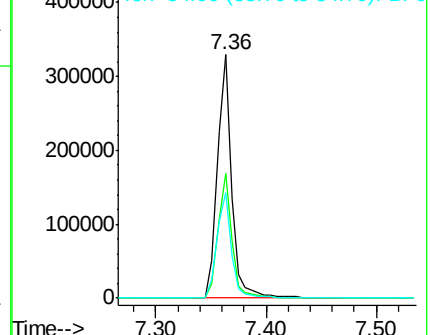
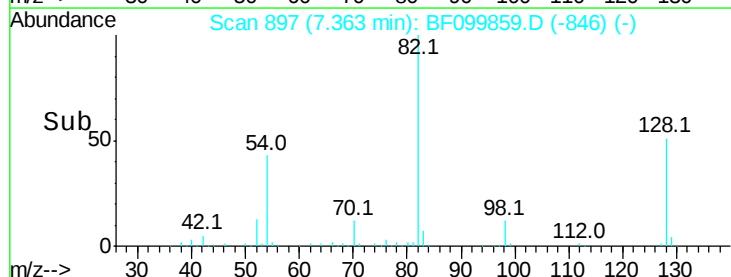
54 43.3 41.4 62.2

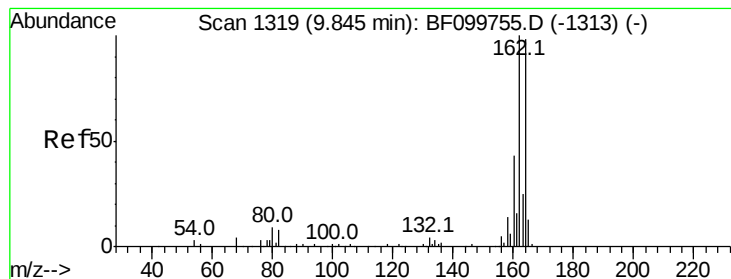


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF099859.D

Acq: 26 Oct 2017 14:11

Instrument :

BNA_F

ClientSampleId :

OILY-STONE

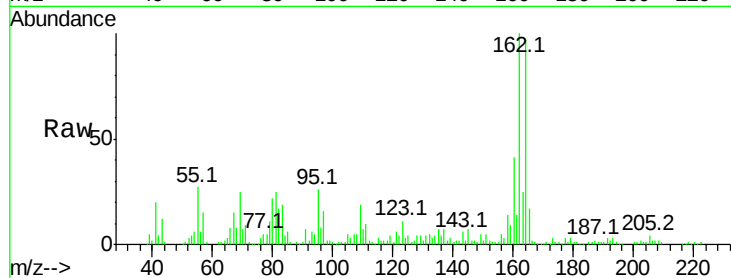
Tot Ion:164 Resp: 118901

Ion Ratio Lower Upper

164 100

162 103.3 86.1 129.1

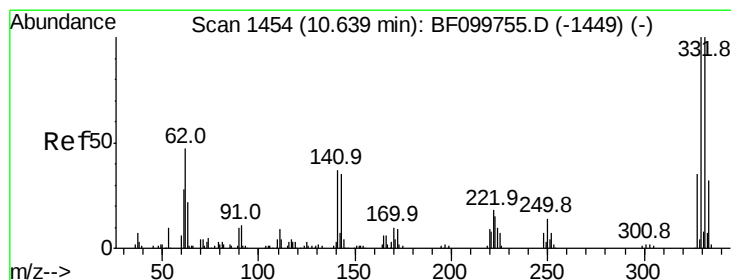
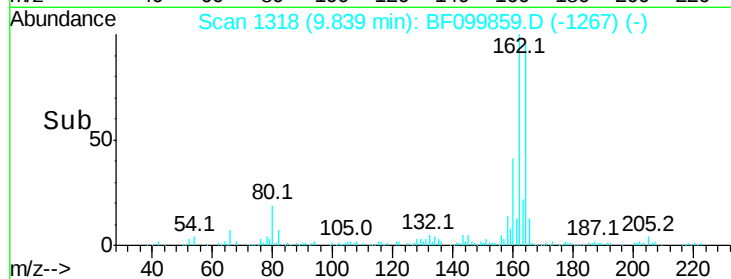
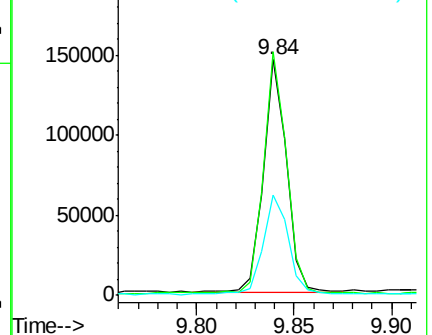
160 42.3 38.3 57.5



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: 91.101 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF099859.D

Acq: 26 Oct 2017 14:11

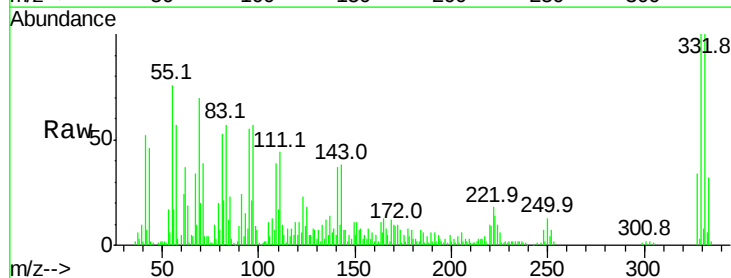
Tgt Ion:330 Resp: 98714

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

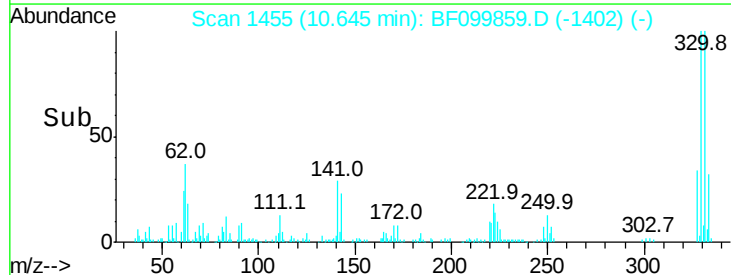
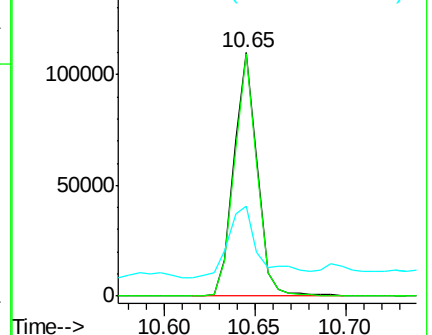
141 40.1 29.9 44.9

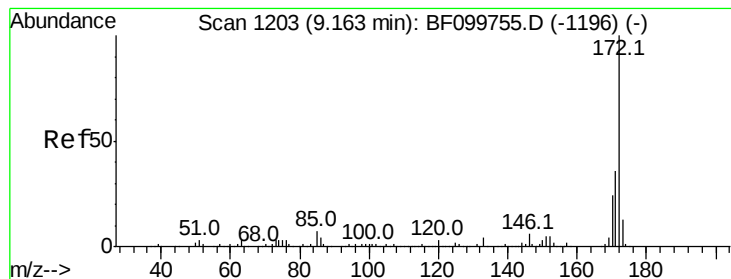


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 78.421 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.00 min

Lab File: BF099859.D

Acq: 26 Oct 2017 14:11

Instrument :

BNA_F

ClientSampleId :

OILY-STONE

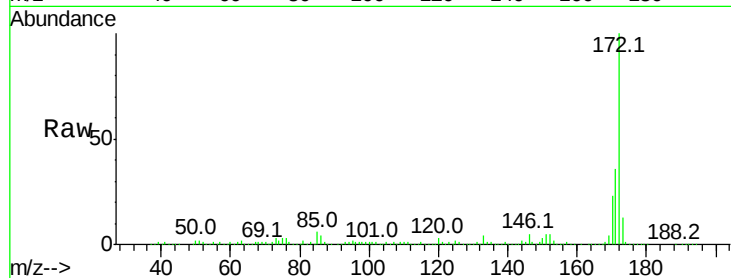
Tot Ion:172 Resp: 604359

Ion Ratio Lower Upper

172 100

171 35.6 29.7 44.5

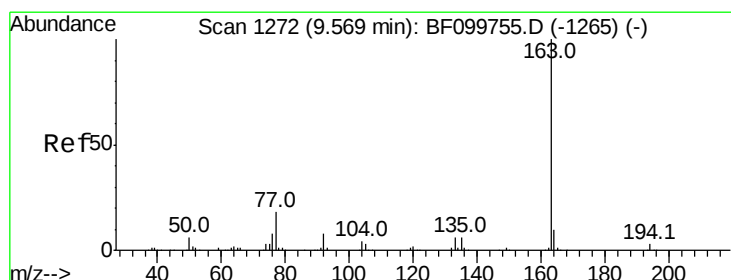
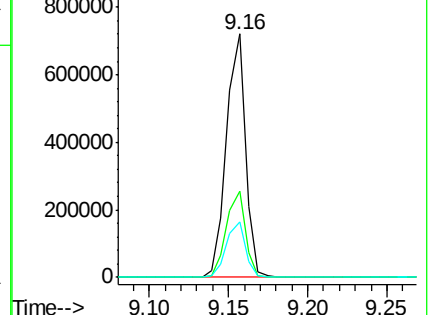
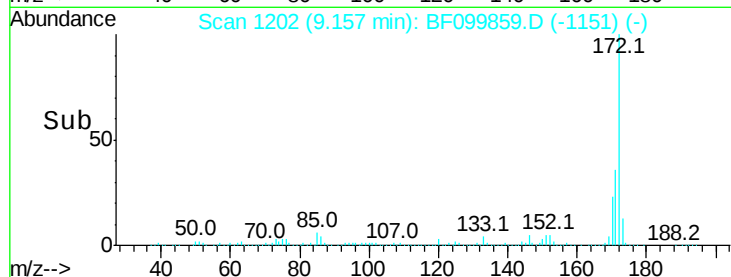
170 23.0 19.6 29.4



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: 2.528 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF099859.D

Acq: 26 Oct 2017 14:11

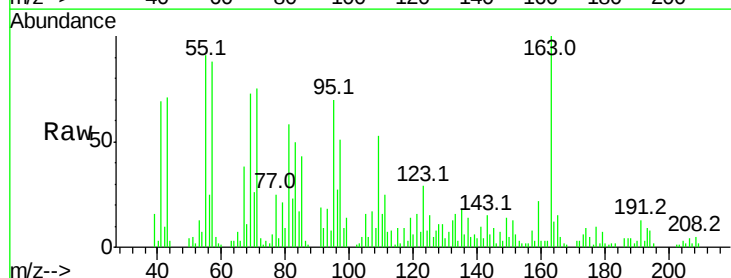
Tgt Ion:163 Resp: 23800

Ion Ratio Lower Upper

163 100

194 7.6 2.7 4.1#

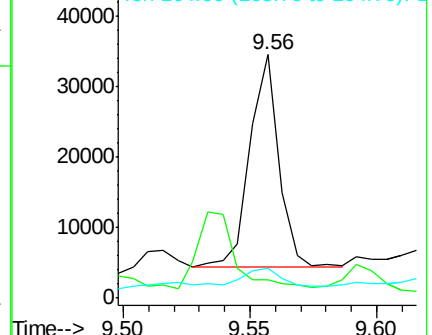
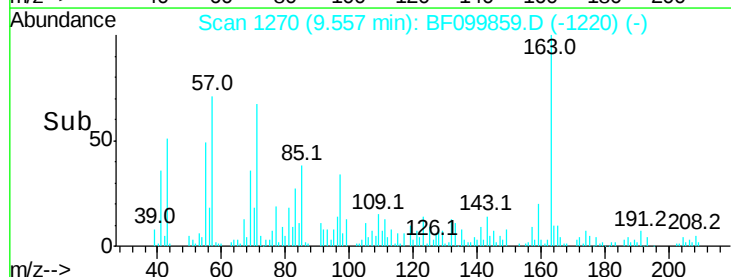
164 12.4 8.2 12.2#

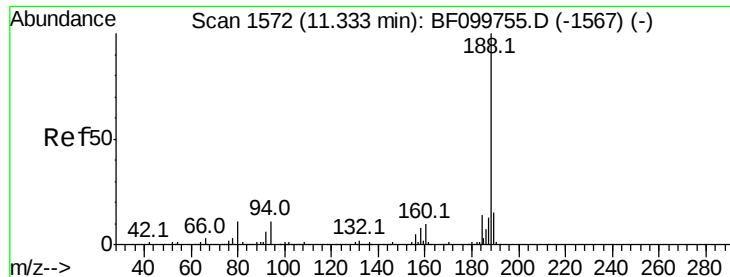


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

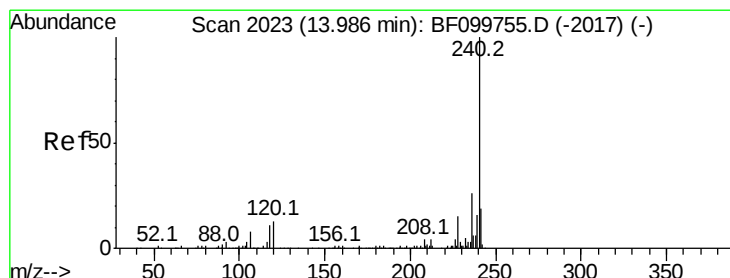
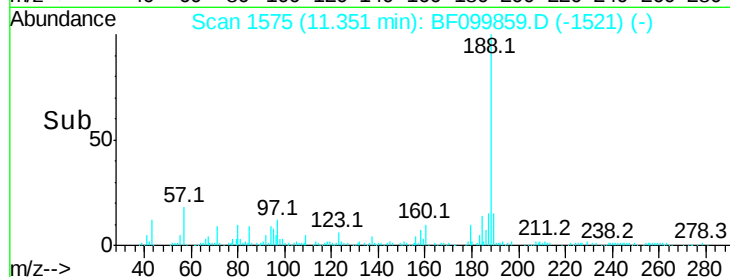
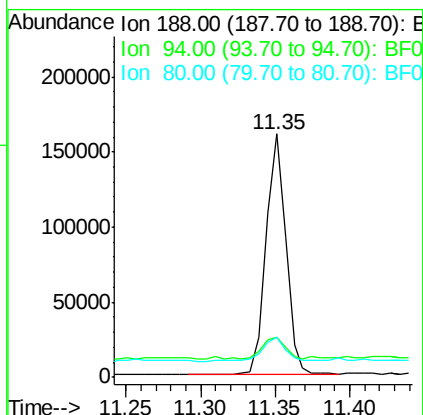
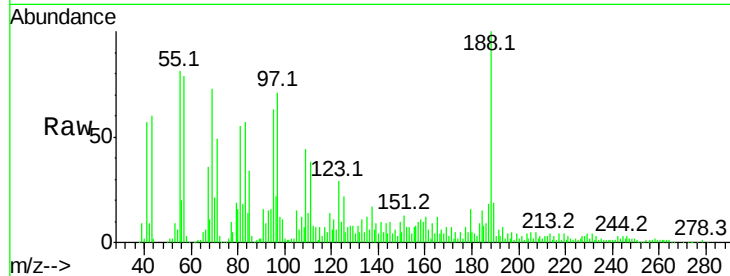




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.02 min
Lab File: BF099859.D
Acq: 26 Oct 2017 14:11

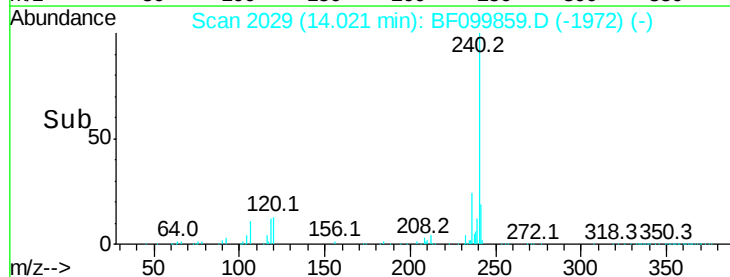
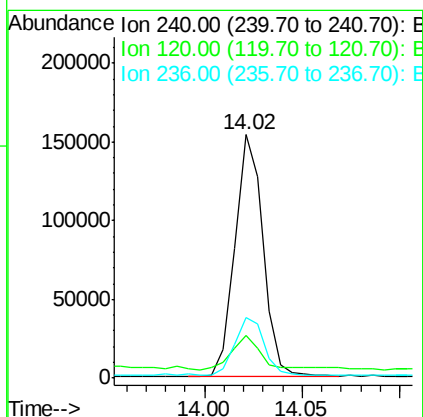
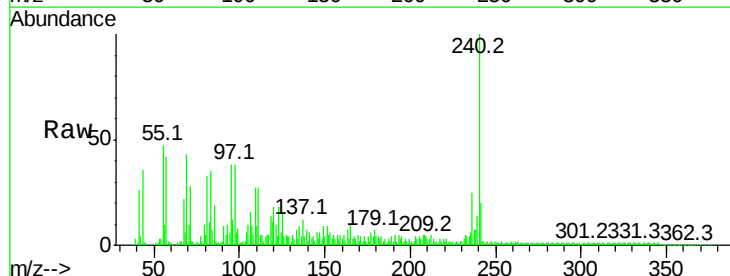
Instrument :
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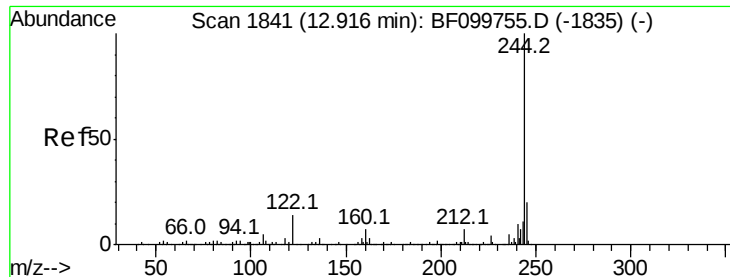
Tot Ion:188 Resp: 146461
Ion Ratio Lower Upper
188 100
94 16.3 8.5 12.7#
80 16.5 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.04 min
Lab File: BF099859.D
Acq: 26 Oct 2017 14:11

Tgt Ion:240 Resp: 152585
Ion Ratio Lower Upper
240 100
120 17.6 9.5 14.3#
236 24.9 20.7 31.1





#78

Terphenyl-d14

Concen: 50.837 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.04 min

Lab File: BF099859.D

Acq: 26 Oct 2017 14:11

Instrument :

BNA_F

ClientSampleId :

OILY-STONE

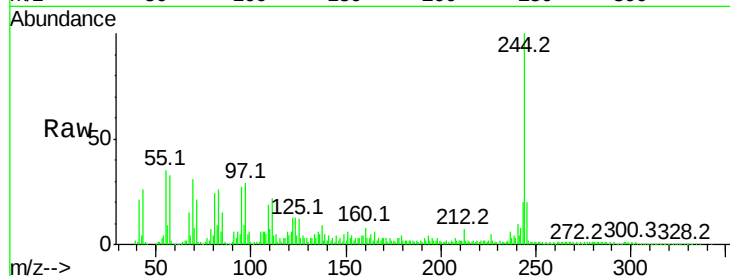
Tot Ion:244 Resp: 354950

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

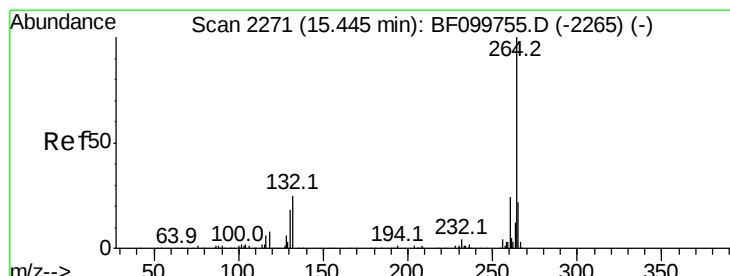
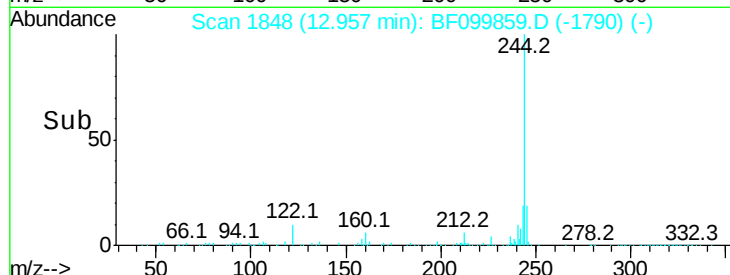
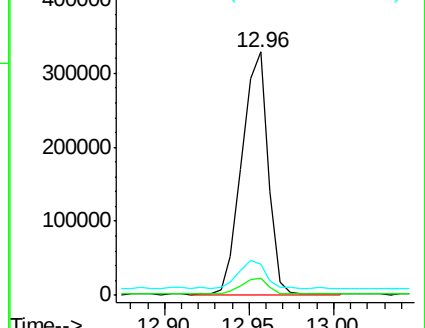
122 13.0 11.0 16.4



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: 15.48 min Scan# 2277

Delta R.T. 0.02 min

Lab File: BF099859.D

Acq: 26 Oct 2017 14:11

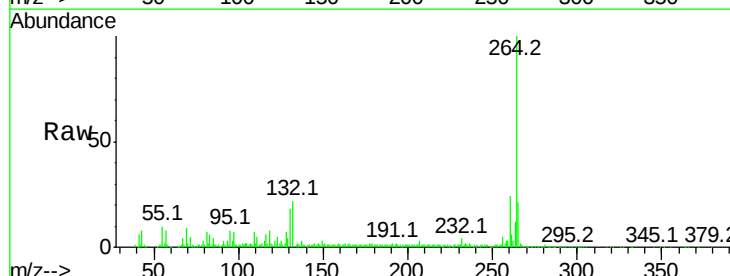
Tgt Ion:264 Resp: 175403

Ion Ratio Lower Upper

264 100

260 23.6 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

