

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091117\
 Data File : BF098430.D
 Acq On : 12 Sep 2017 4:15
 Operator : SJ/JU
 Sample : I5138-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-WM-TS002-01

Quant Time: Sep 12 09:13:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

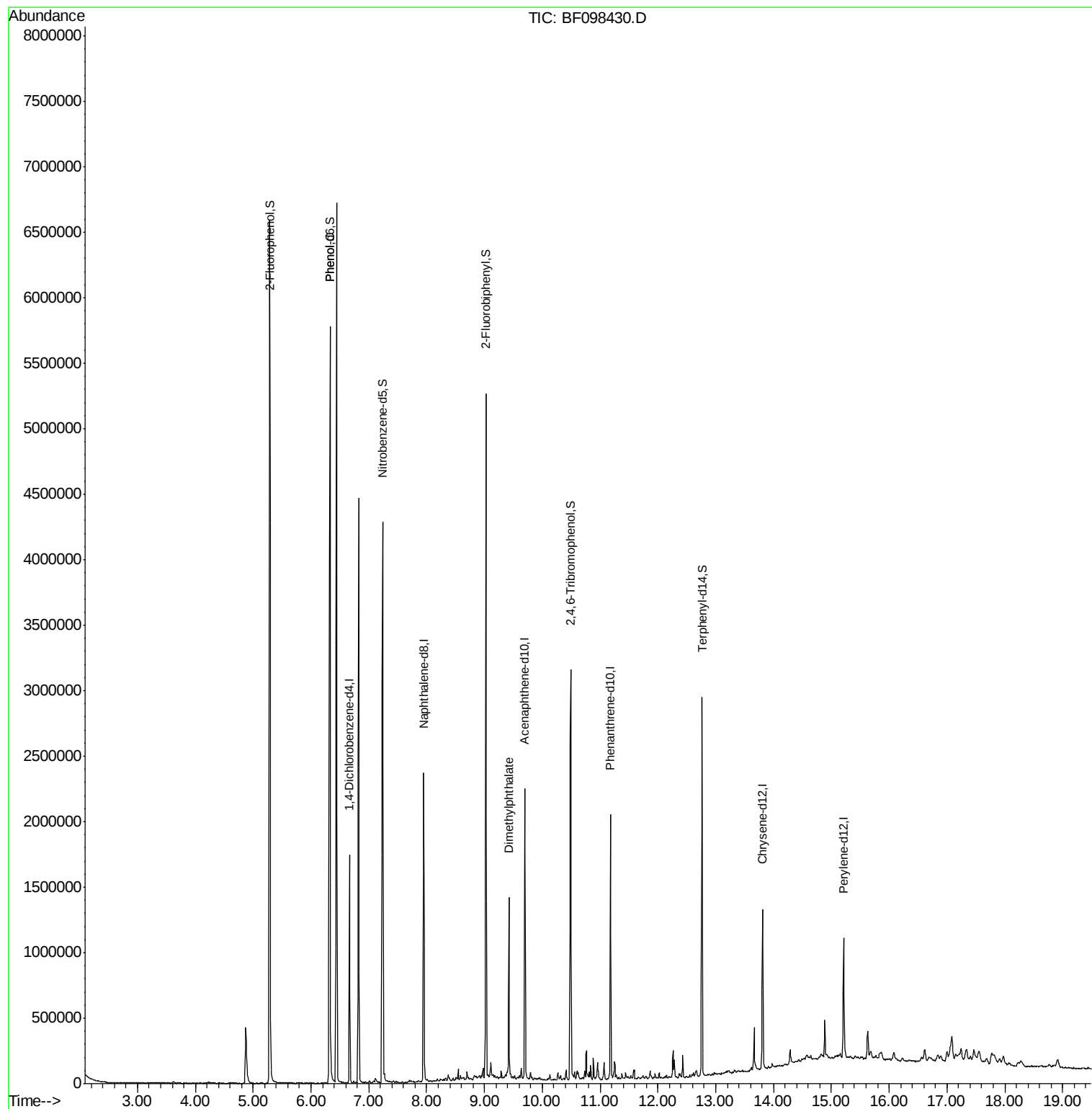
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	238779	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	959969	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	391756	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	615221	20.00	ng	0.00
75) Chrysene-d12	13.81	240	378407	20.00	ng	0.00
86) Perylene-d12	15.22	264	388096	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1995986	123.59	ng	0.01
7) Phenol-d6	6.33	99	2417266	117.89	ng	0.00
23) Nitrobenzene-d5	7.24	82	1485990	86.30	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	314620	120.33	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	1480970	64.07	ng	0.00
78) Terphenyl-d14	12.76	244	794079	45.29	ng	0.00
Target Compounds						
10) Phenol	6.33	94	140235	5.888	ng	96
49) Dimethylphthalate	9.42	163	463977	15.300	ng	100

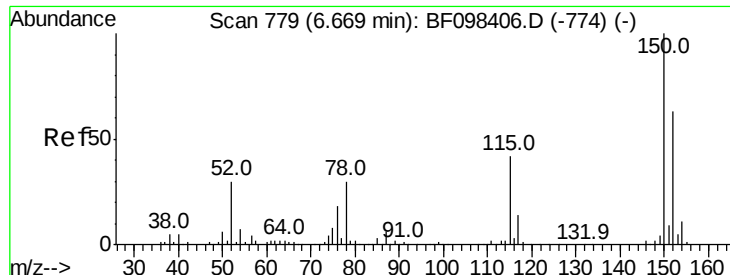
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 12 02:14:50 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF098430.D

Acq: 12 Sep 2017 4:15

Instrument :

BNA_F

ClientSampleId :

EME-WM-TS002-01

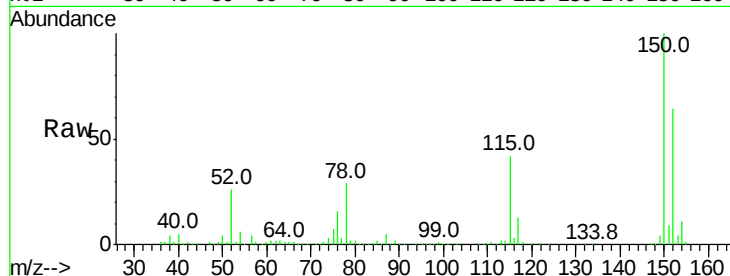
Tot Ion:152 Resp: 238779

Ion Ratio Lower Upper

152 100

150 156.8 126.2 189.2

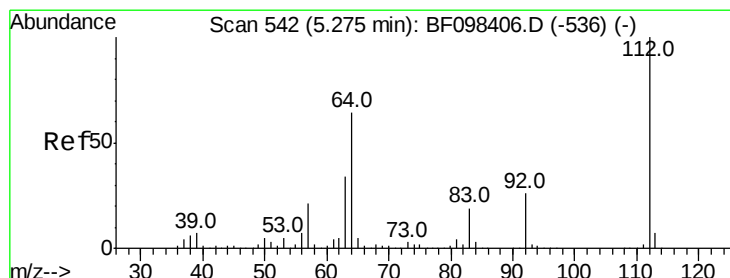
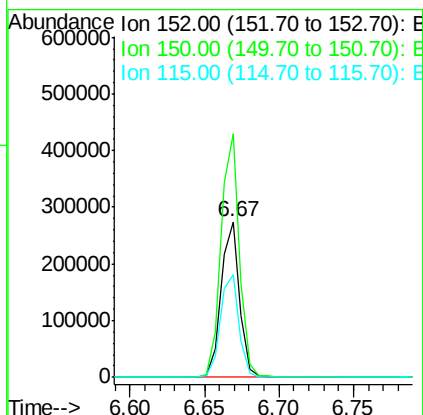
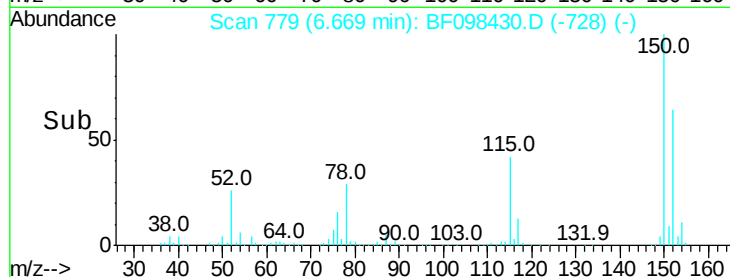
115 66.6 52.2 78.2



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: 123.592 ng

RT: 5.29 min Scan# 544

Delta R.T. 0.01 min

Lab File: BF098430.D

Acq: 12 Sep 2017 4:15

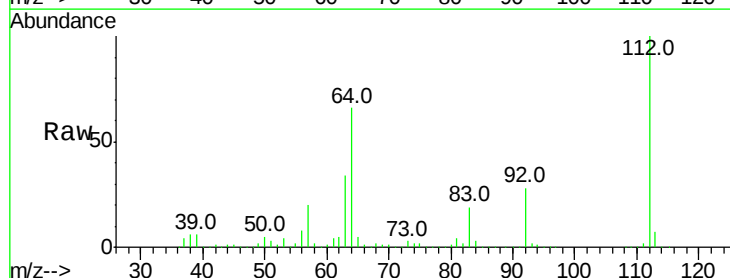
Tgt Ion:112 Resp: 1995986

Ion Ratio Lower Upper

112 100

64 66.3 46.0 69.0

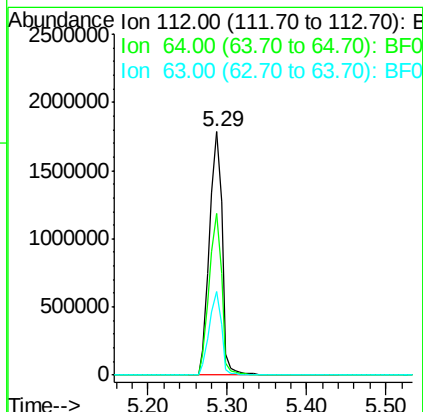
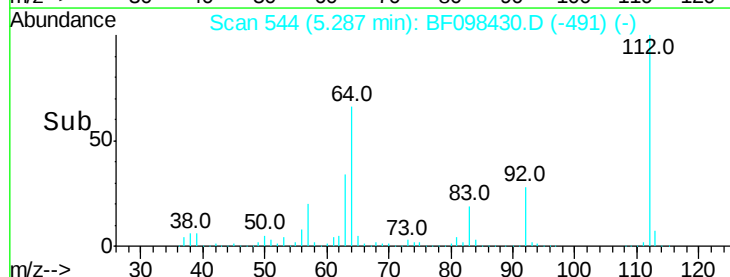
63 34.1 23.4 35.0

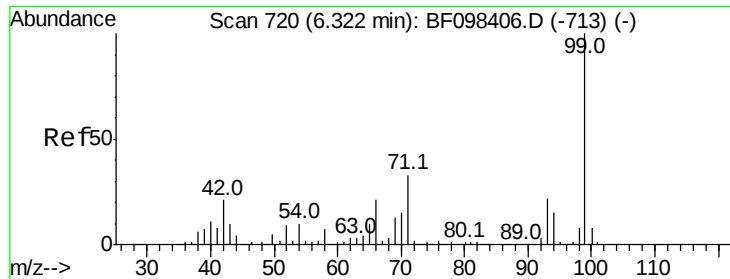


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.888 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF098430.D

Acq: 12 Sep 2017 4:15

Instrument :

BNA_F

ClientSampleId :

EME-WM-TS002-01

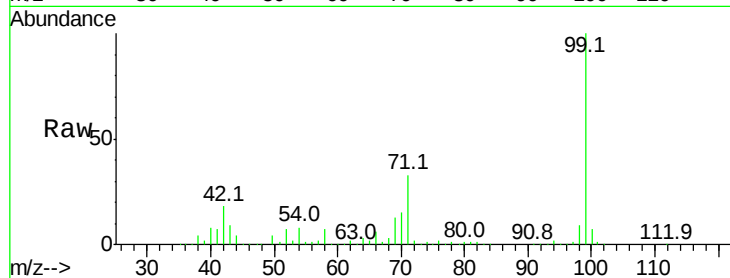
Tot Ion: 99 Resp: 2417266

Ion Ratio Lower Upper

99 100

42 18.1 13.5 20.3

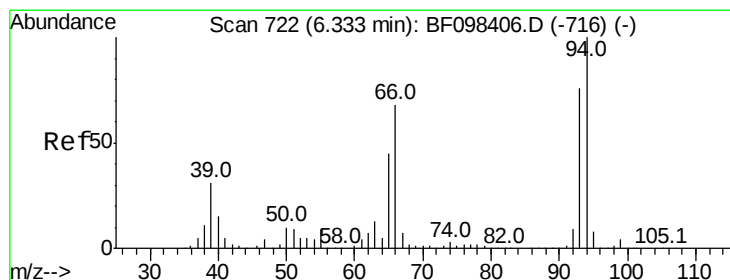
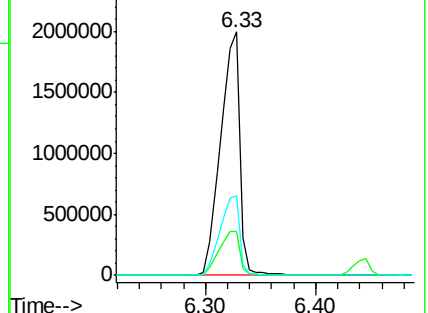
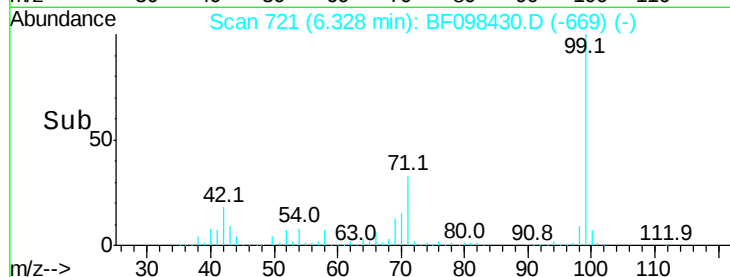
71 32.8 24.5 36.7



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: 5.888 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF098430.D

Acq: 12 Sep 2017 4:15

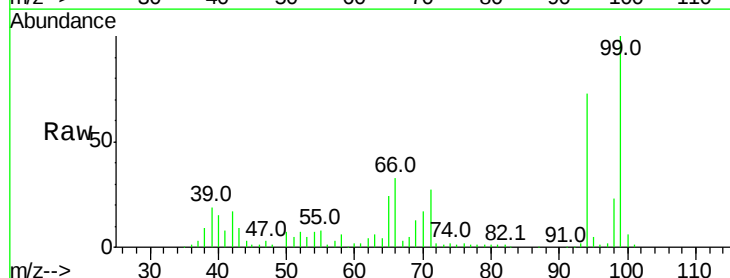
Tgt Ion: 94 Resp: 140235

Ion Ratio Lower Upper

94 100

65 32.5 9.9 49.9

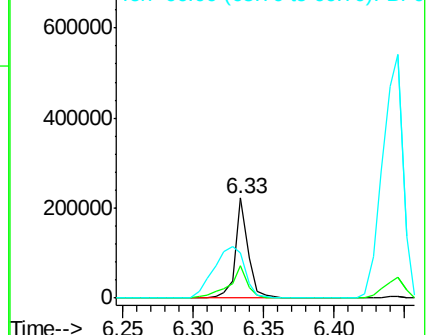
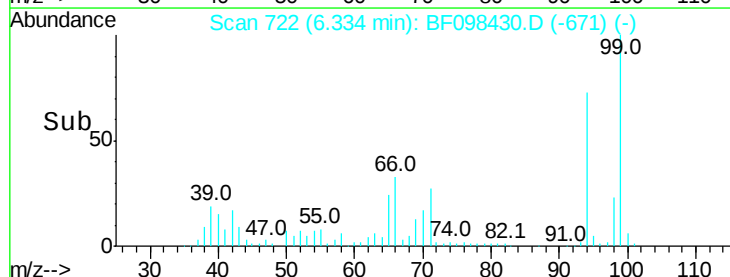
66 45.6 23.1 63.1

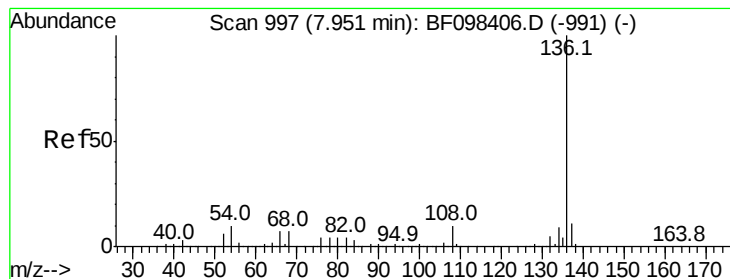


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 7.95 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF098430.D

Acq: 12 Sep 2017 4:15

Instrument :

BNA_F

ClientSampleId :

EME-WM-TS002-01

Tot Ion:136 Resp: 959969

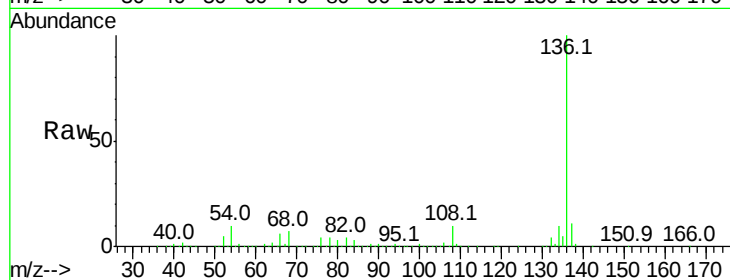
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 9.8 4.9 7.3#

68 7.4 4.1 6.1#

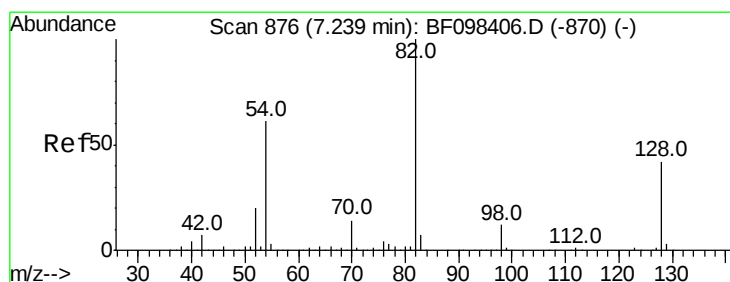
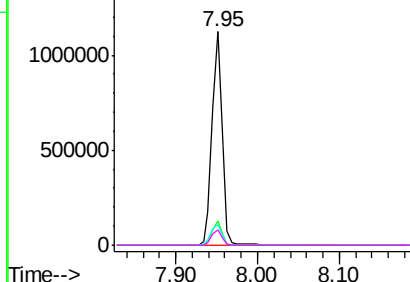
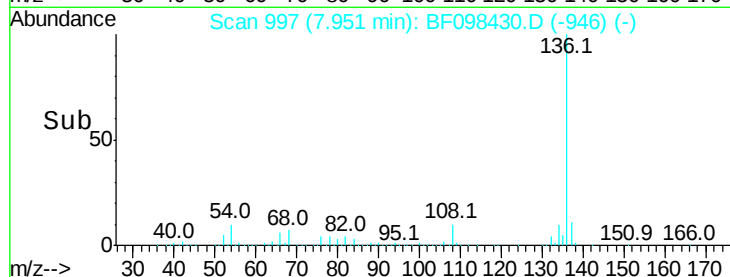


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.298 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF098430.D

Acq: 12 Sep 2017 4:15

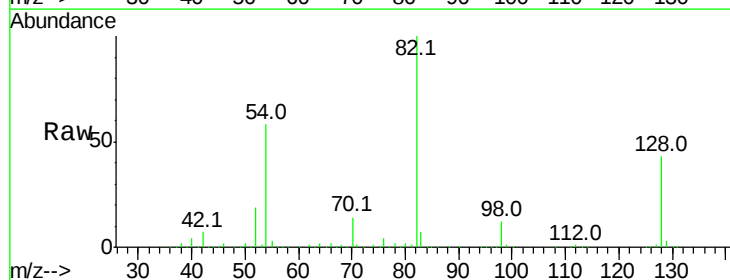
Tgt Ion: 82 Resp: 1485990

Ion Ratio Lower Upper

82 100

128 43.2 34.0 51.0

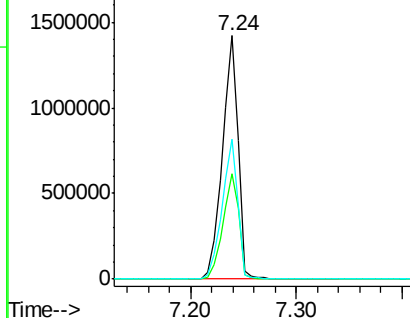
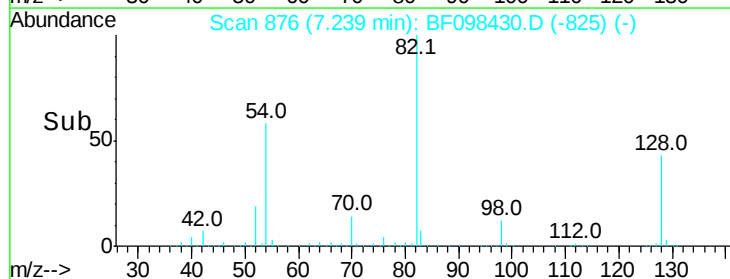
54 57.6 42.2 63.2

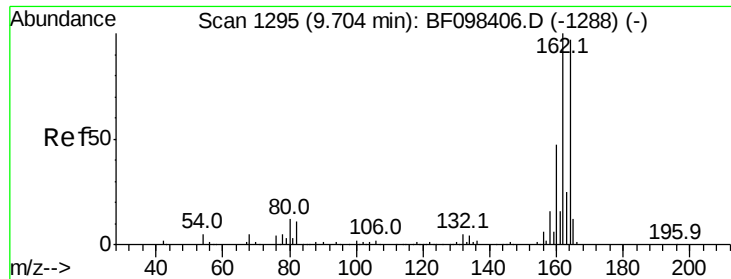


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF098430.D

Acq: 12 Sep 2017 4:15

Instrument :

BNA_F

ClientSampleId :

EME-WM-TS002-01

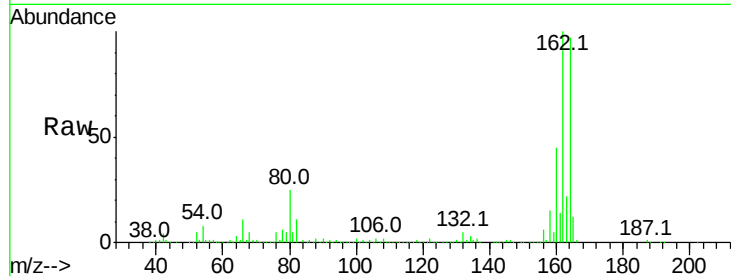
Tot Ion:164 Resp: 391756

Ion Ratio Lower Upper

164 100

162 103.0 82.6 123.8

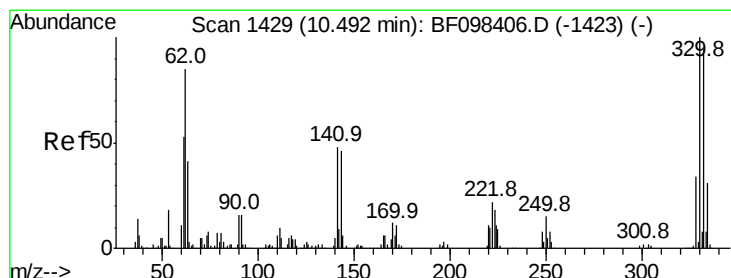
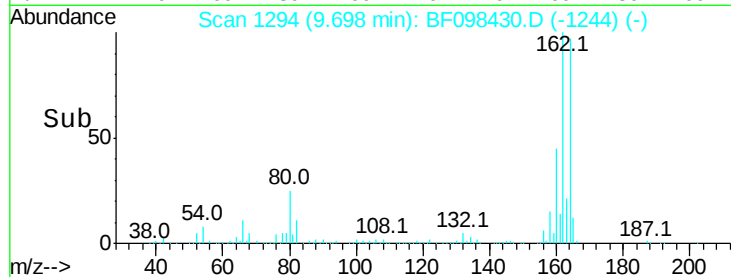
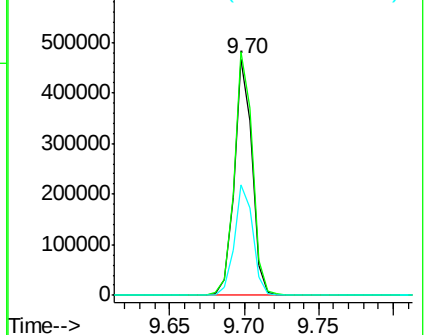
160 46.7 36.2 54.2



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: 120.330 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BF098430.D

Acq: 12 Sep 2017 4:15

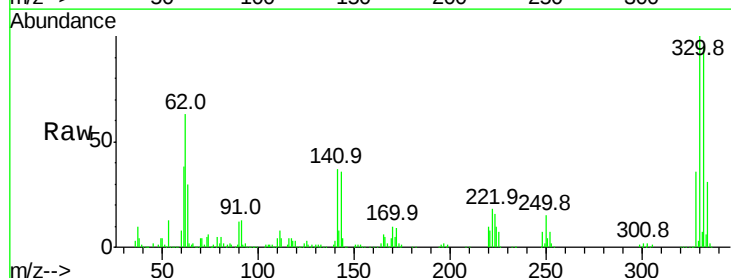
Tgt Ion:330 Resp: 314620

Ion Ratio Lower Upper

330 100

332 97.0 76.6 115.0

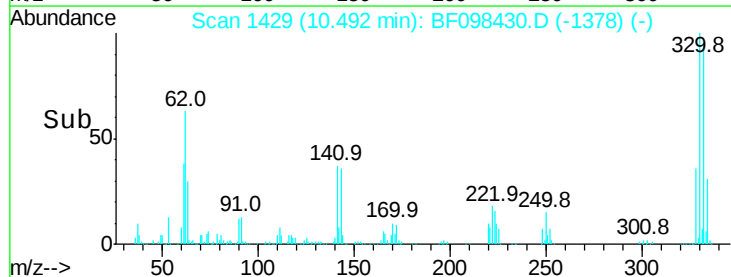
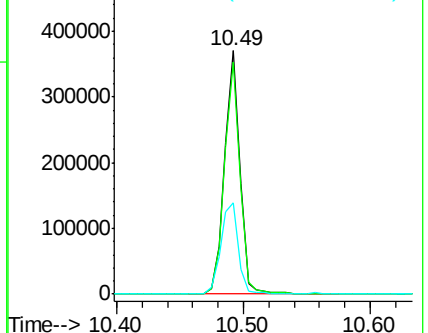
141 43.4 31.4 47.2

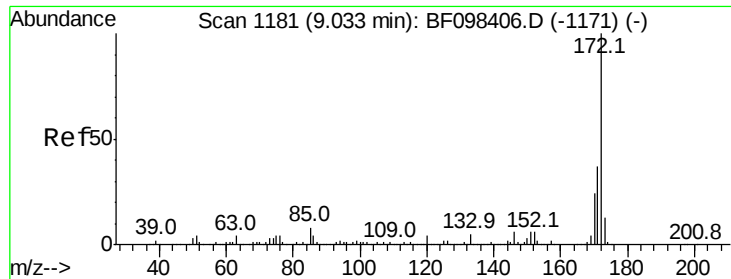


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 64.074 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF098430.D

Acq: 12 Sep 2017 4:15

Instrument :

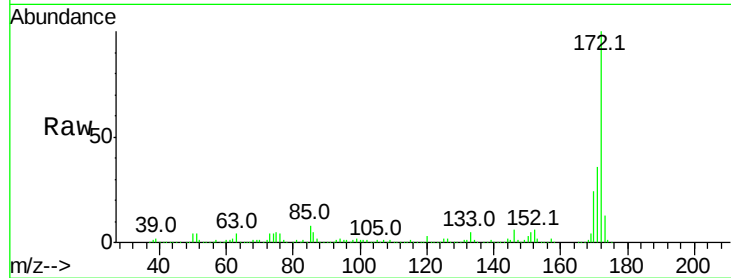
BNA_F

ClientSampleId :

EME-WM-TS002-01

Tot Ion:172 Resp: 1480970

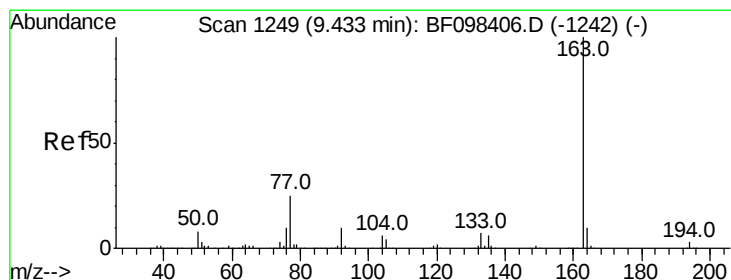
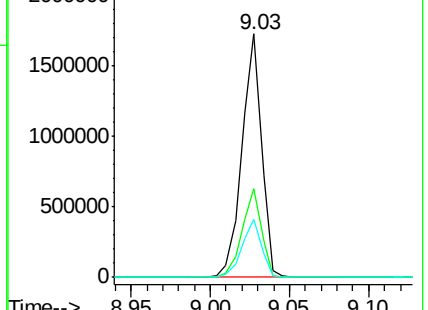
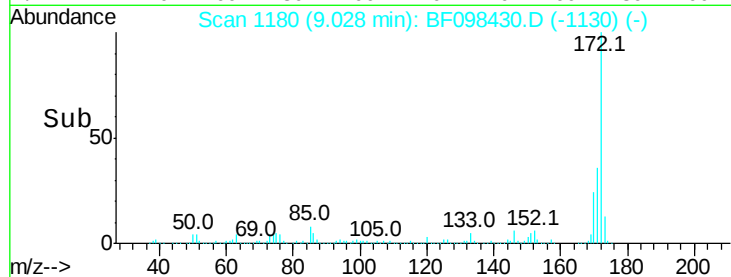
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.6	19.8	29.8



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: 15.300 ng

RT: 9.42 min Scan# 1247

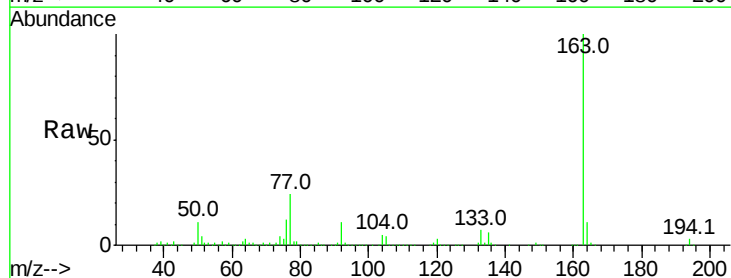
Delta R.T. -0.01 min

Lab File: BF098430.D

Acq: 12 Sep 2017 4:15

Tgt Ion:163 Resp: 463977

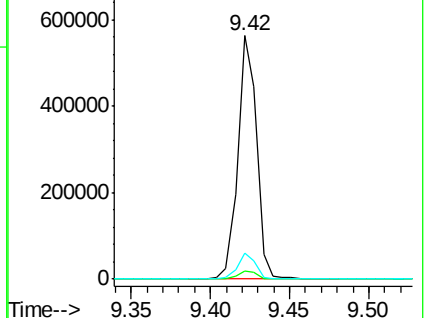
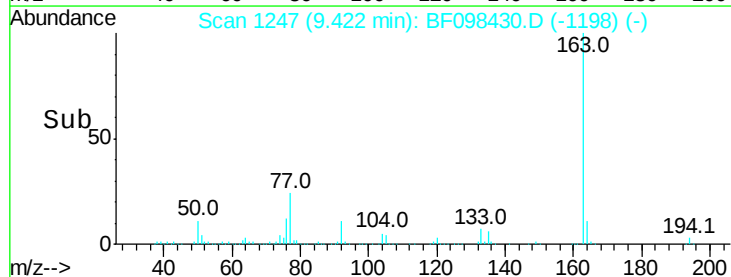
Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.7	8.4	12.6

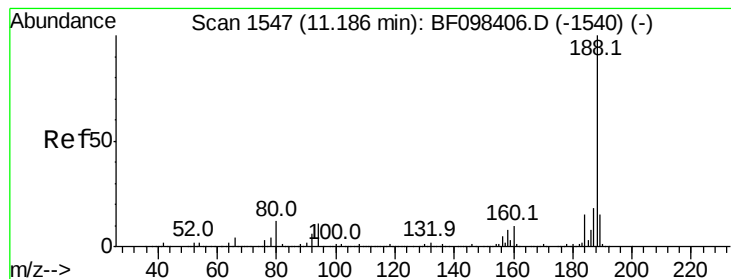


Abundance Ion 163.00 (162.70 to 163.70): E

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: 11.18 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BF098430.D

Acq: 12 Sep 2017 4:15

Instrument :

BNA_F

ClientSampleId :

EME-WM-TS002-01

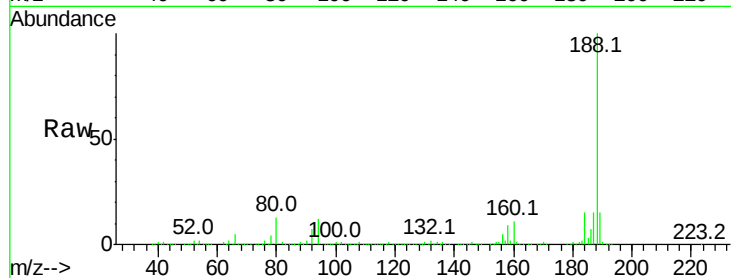
Tot Ion:188 Resp: 615221

Ion Ratio Lower Upper

188 100

94 12.2 9.4 14.2

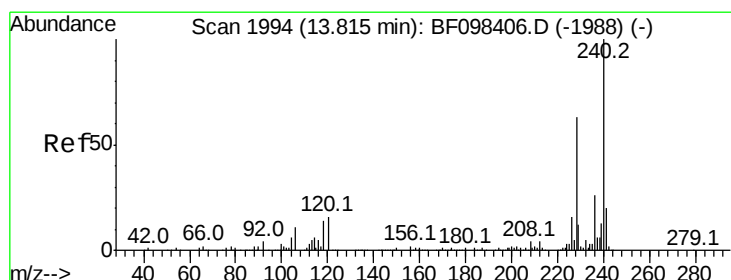
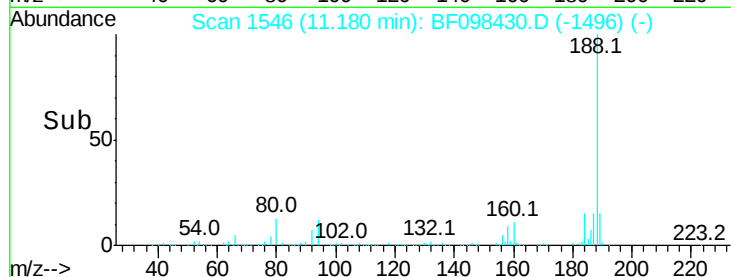
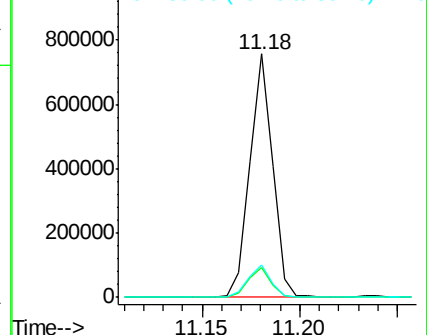
80 13.2 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF098430.D

Acq: 12 Sep 2017 4:15

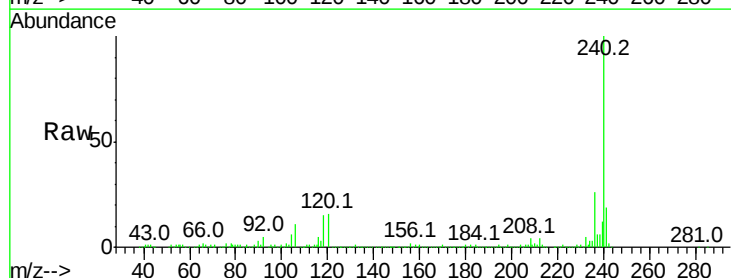
Tgt Ion:240 Resp: 378407

Ion Ratio Lower Upper

240 100

120 16.3 5.8 8.8#

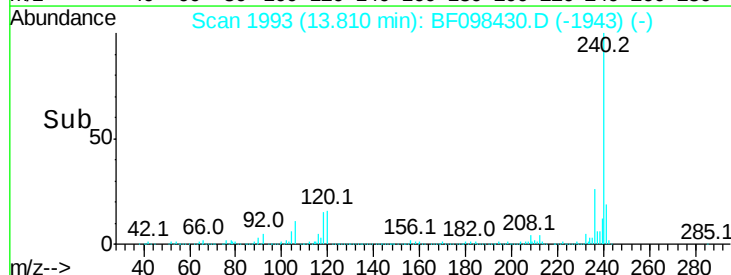
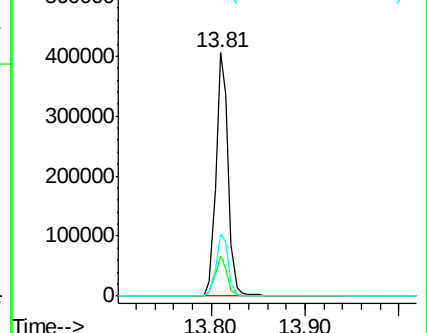
236 25.6 20.5 30.7

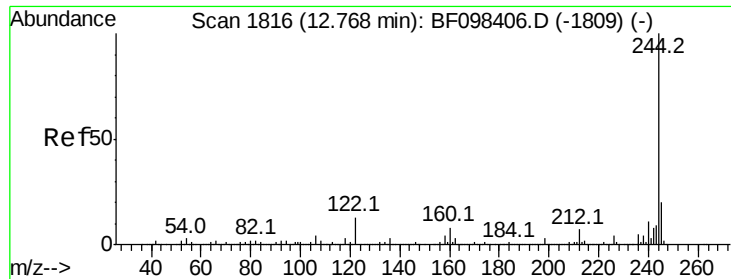


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 45.295 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF098430.D

Acq: 12 Sep 2017 4:15

Instrument :

BNA_F

ClientSampleId :

EME-WM-TS002-01

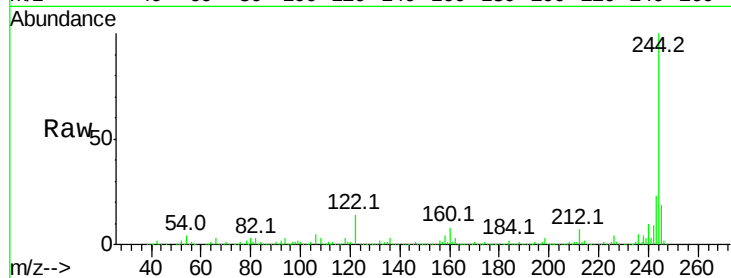
Tot Ion:244 Resp: 794079

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

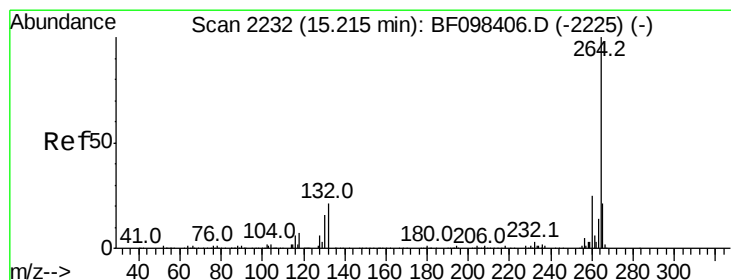
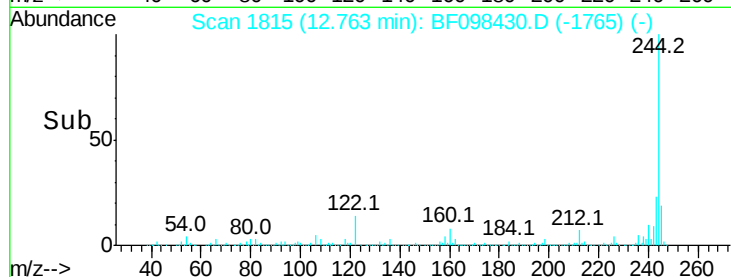
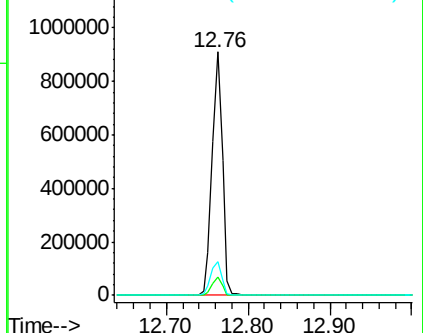
122 14.1 10.3 15.5



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: 15.22 min Scan# 2232

Delta R.T. 0.00 min

Lab File: BF098430.D

Acq: 12 Sep 2017 4:15

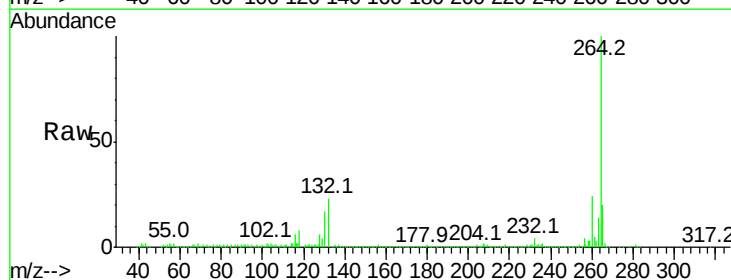
Tgt Ion:264 Resp: 388096

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 20.3 17.2 25.8



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

