

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
 Data File : BF098612.D
 Acq On : 18 Sep 2017 19:59
 Operator : SJ/JU
 Sample : I5265-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3D46

Quant Time: Sep 19 06:47:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

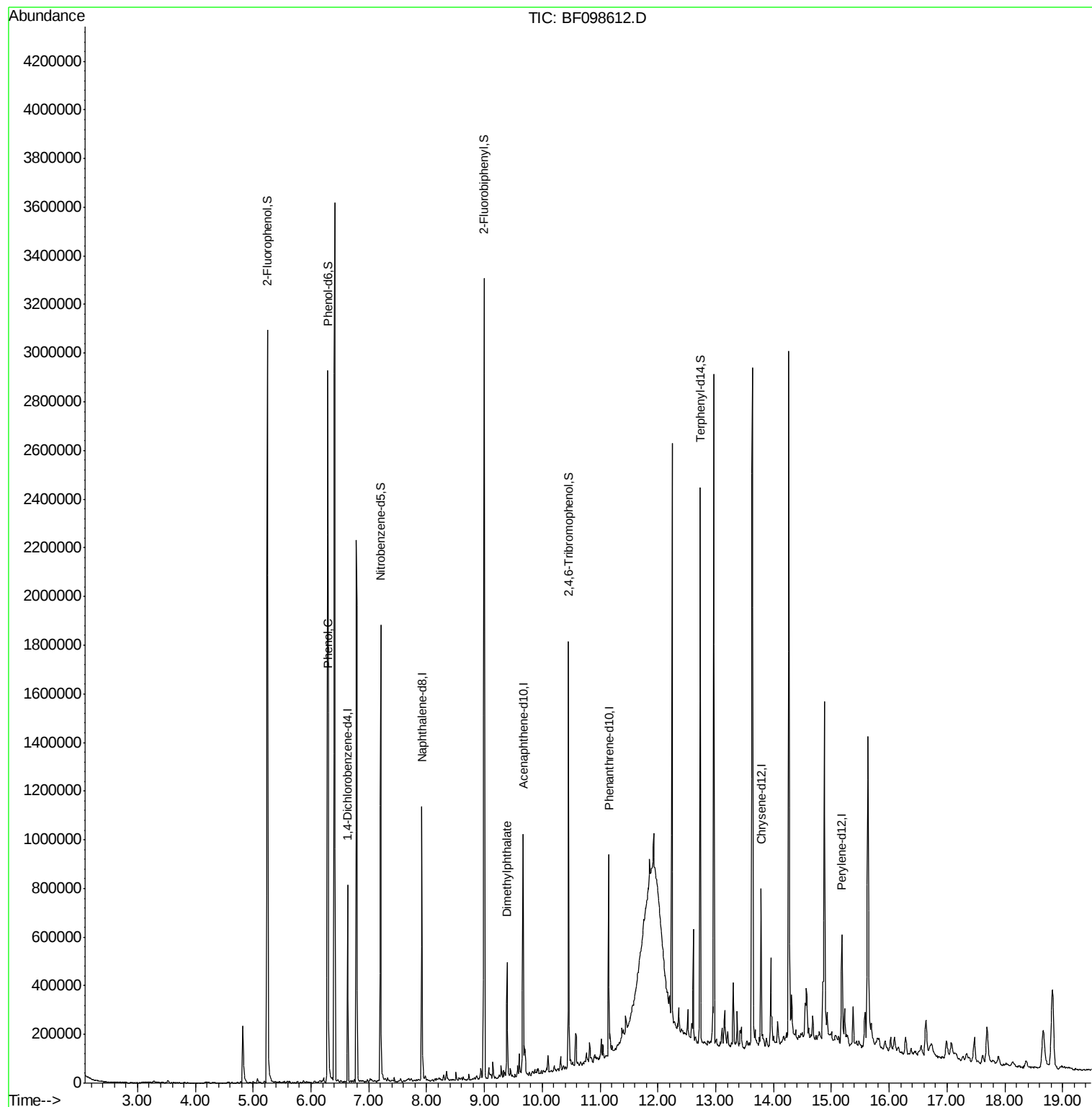
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	110375	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	431150	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	186962	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	290304	20.00	ng	0.00
75) Chrysene-d12	13.79	240	199137	20.00	ng	0.00
86) Perylene-d12	15.18	264	176747	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	867037	116.14	ng	0.00
7) Phenol-d6	6.29	99	1064899	112.35	ng	0.00
23) Nitrobenzene-d5	7.20	82	651233	84.21	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	164649	131.95	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	1003090	90.94	ng	0.00
78) Terphenyl-d14	12.73	244	645075	69.92	ng	0.00
Target Compounds						
10) Phenol	6.30	94	23899	2.171	ng	84
49) Dimethylphthalate	9.39	163	145762	10.072	ng	98

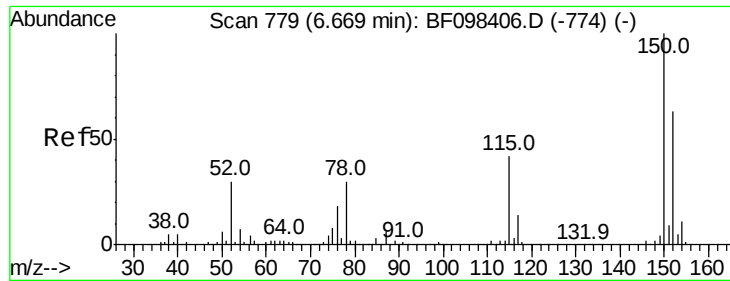
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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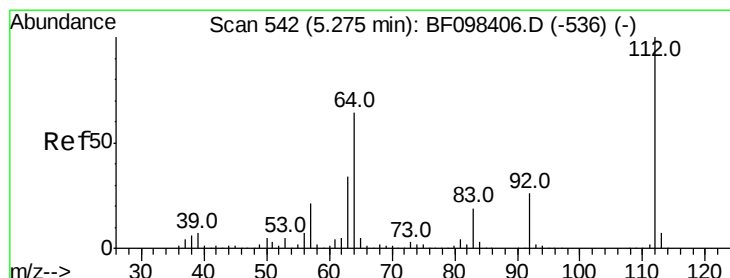
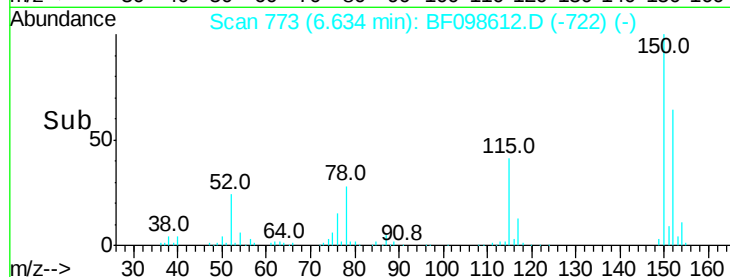
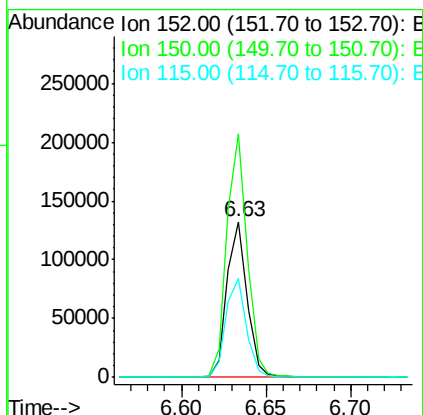
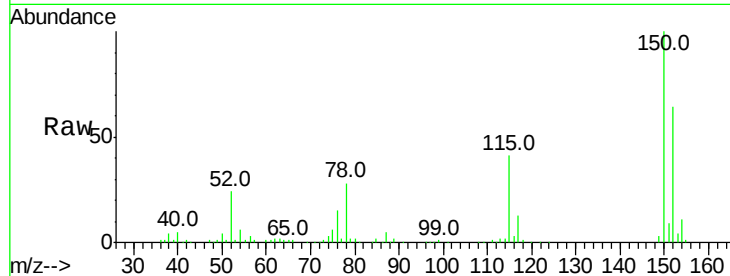


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.63 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BF098612.D
 Acq: 18 Sep 2017 19:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-3D46

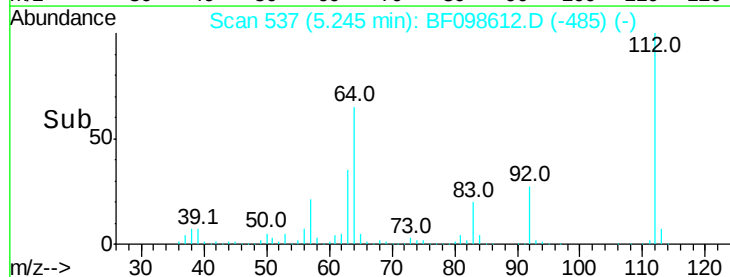
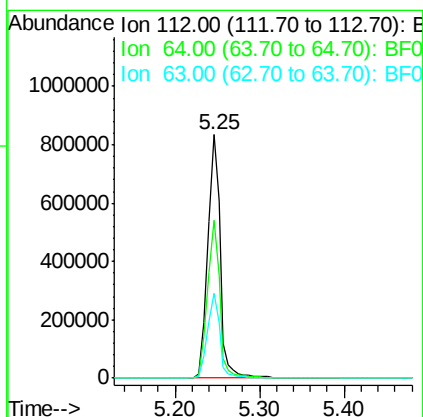
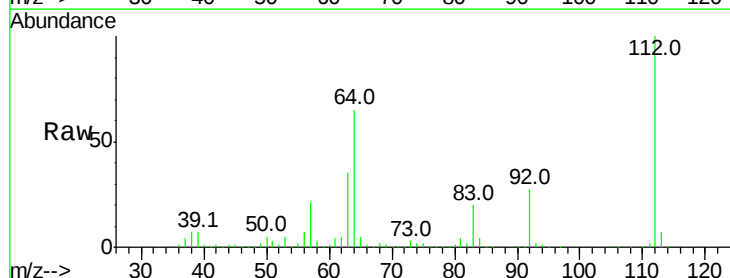
Tot Ion:152 Resp: 110375
 Ion Ratio Lower Upper
 152 100
 150 156.6 126.2 189.2
 115 63.7 52.2 78.2

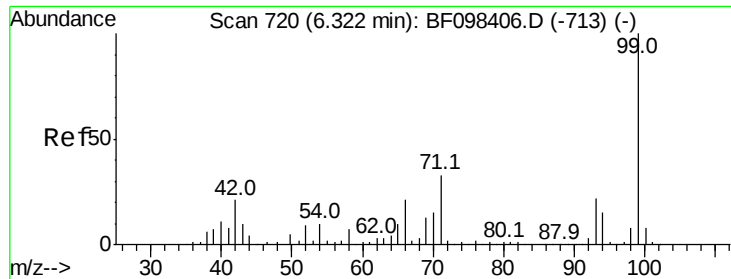


#5

2-Fluorophenol
 Concen: 116.144 ng
 RT: 5.25 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: BF098612.D
 Acq: 18 Sep 2017 19:59

Tgt Ion:112 Resp: 867037
 Ion Ratio Lower Upper
 112 100
 64 64.7 46.0 69.0
 63 34.6 23.4 35.0





#7

Phenol-d6

Concen: 112.351 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF098612.D

Acq: 18 Sep 2017 19:59

Instrument :

BNA_F

ClientSampleId :

TP-3D46

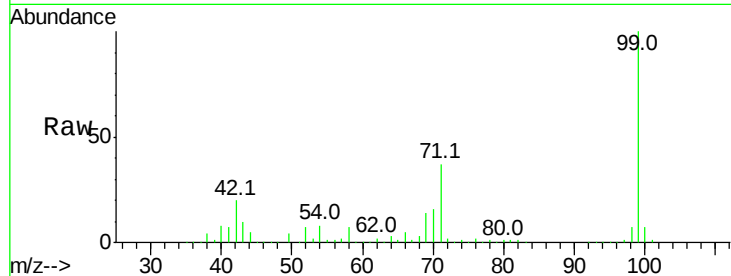
Tot Ion: 99 Resp: 1064899

Ion Ratio Lower Upper

99 100

42 19.9 13.5 20.3

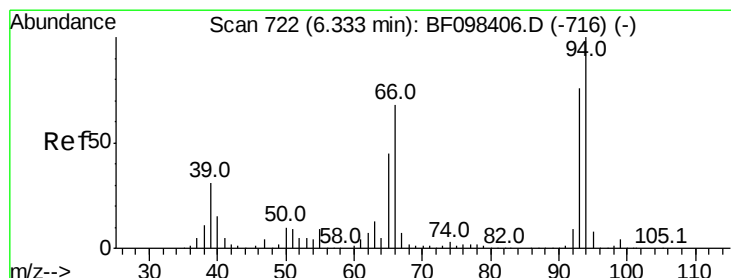
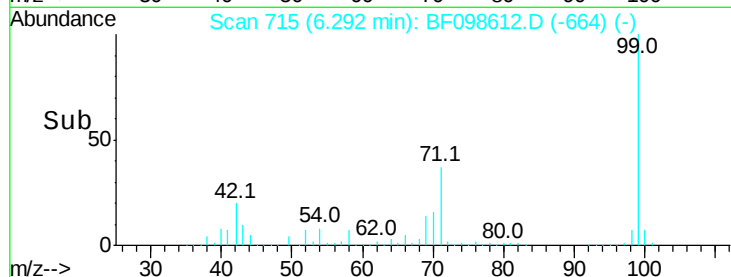
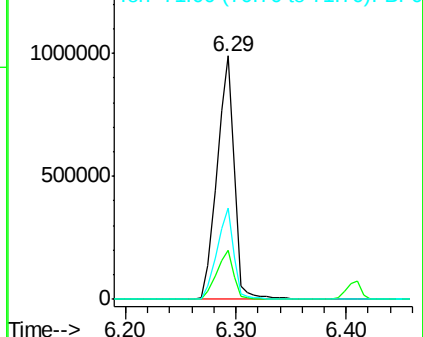
71 37.5 24.5 36.7#



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: 2.171 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF098612.D

Acq: 18 Sep 2017 19:59

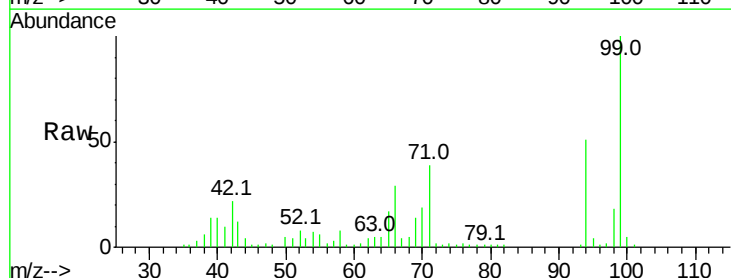
Tgt Ion: 94 Resp: 23899

Ion Ratio Lower Upper

94 100

65 34.0 9.9 49.9

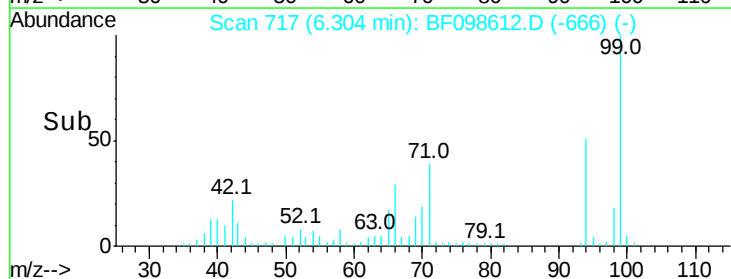
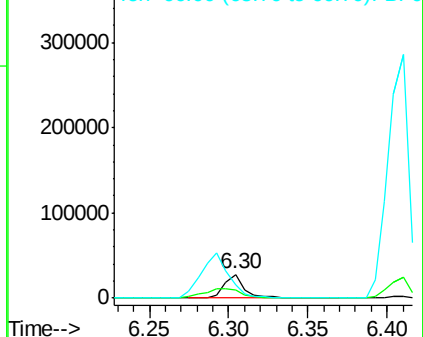
66 57.0 23.1 63.1

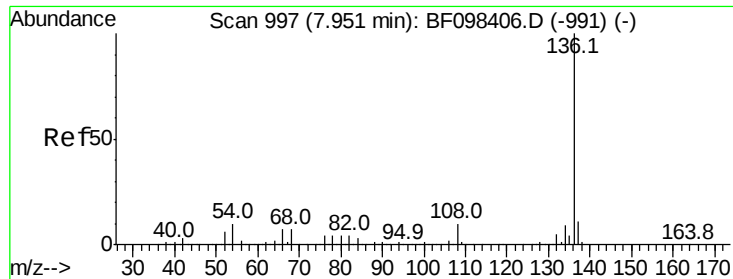


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

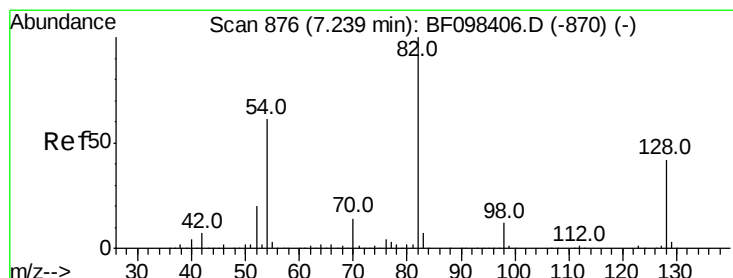
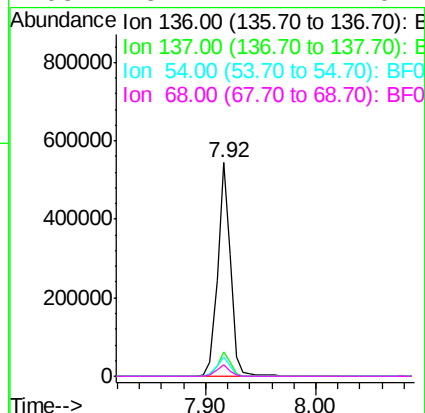
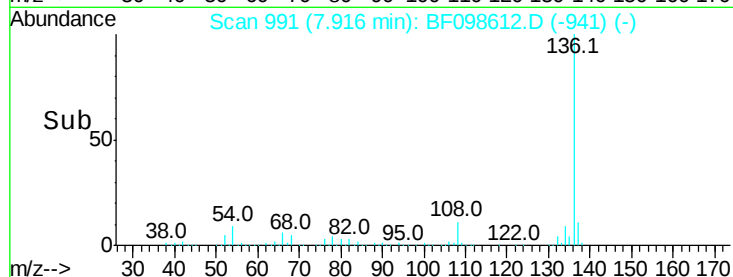
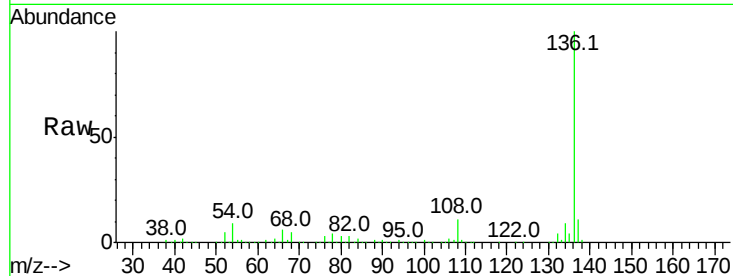




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF098612.D
Acq: 18 Sep 2017 19:59

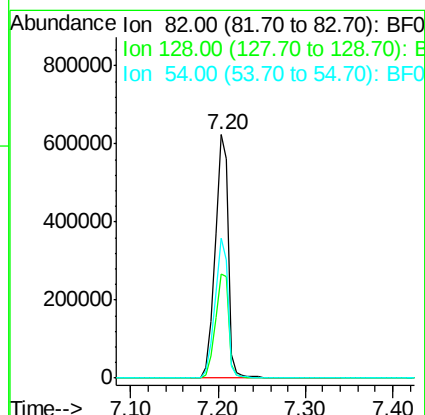
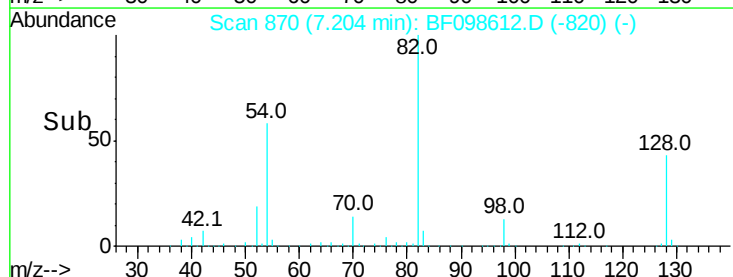
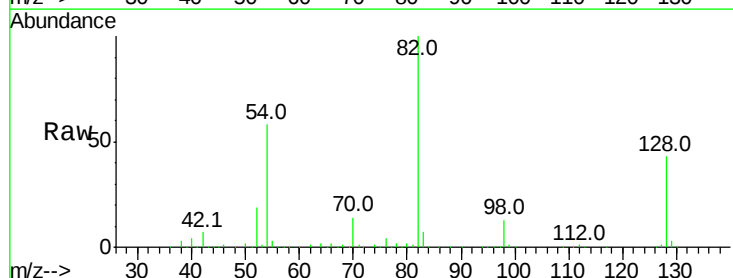
Instrument :
BNA_F
ClientSampleId :
TP-3D46

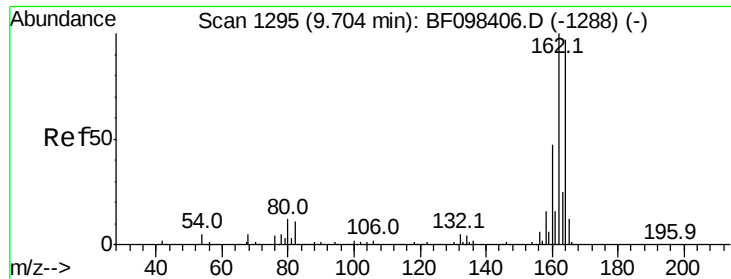
Tot Ion:	136	Resp:	431150
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.5	12.7
54	9.3	4.9	7.3#
68	5.4	4.1	6.1



#23
Nitrobenzene-d5
Concen: 84.207 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF098612.D
Acq: 18 Sep 2017 19:59

Tgt Ion:	82	Resp:	651233
Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.0	51.0
54	57.6	42.2	63.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BF098612.D

Acq: 18 Sep 2017 19:59

Instrument :

BNA_F

ClientSampleId :

TP-3D46

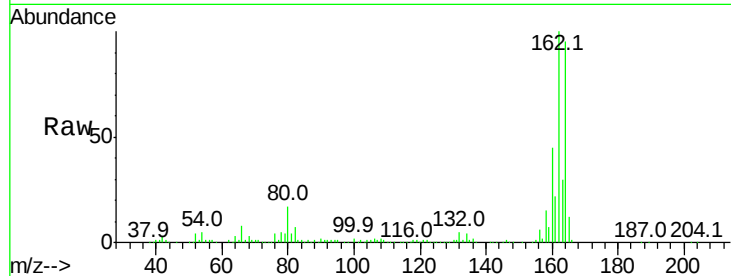
Tot Ion:164 Resp: 186962

Ion Ratio Lower Upper

164 100

162 104.8 82.6 123.8

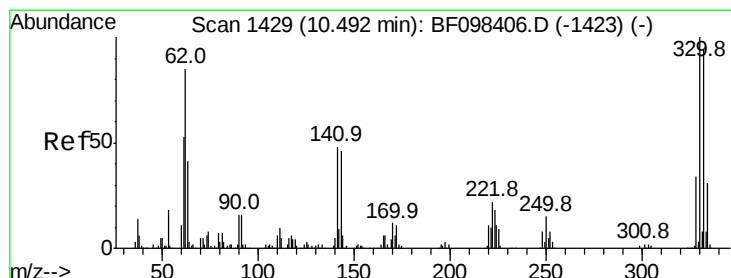
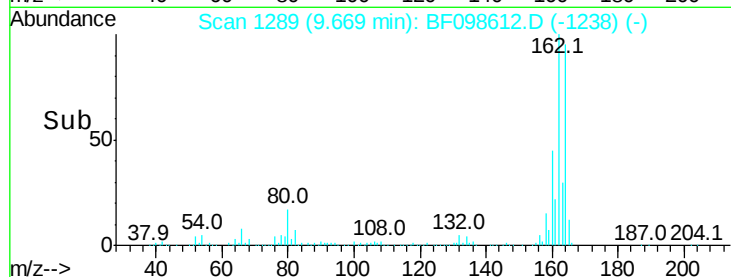
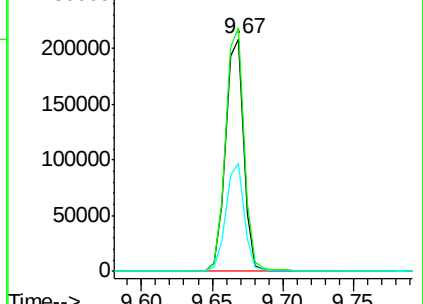
160 46.7 36.2 54.2



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: 131.949 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF098612.D

Acq: 18 Sep 2017 19:59

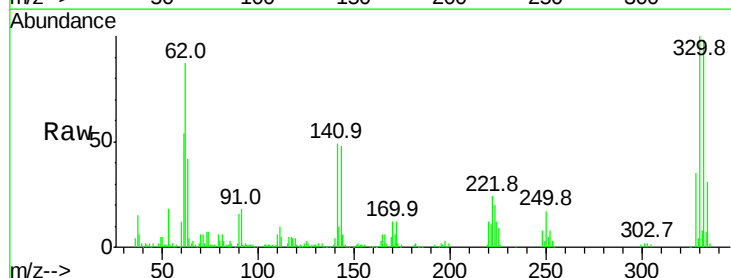
Tgt Ion:330 Resp: 164649

Ion Ratio Lower Upper

330 100

332 97.1 76.6 115.0

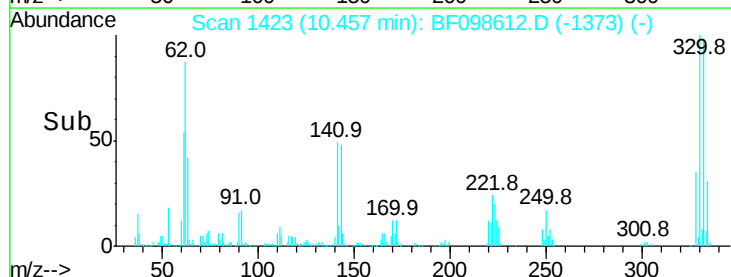
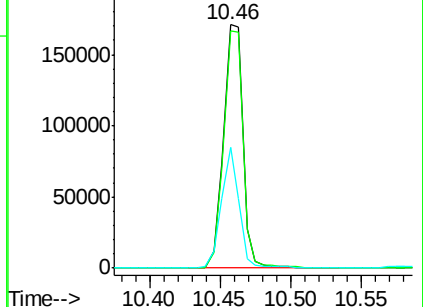
141 45.4 31.4 47.2

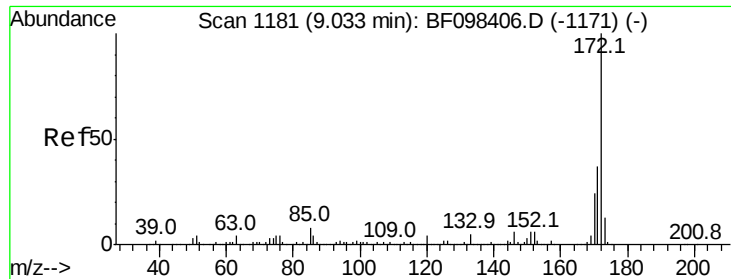


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 90.936 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BF098612.D

Acq: 18 Sep 2017 19:59

Instrument :

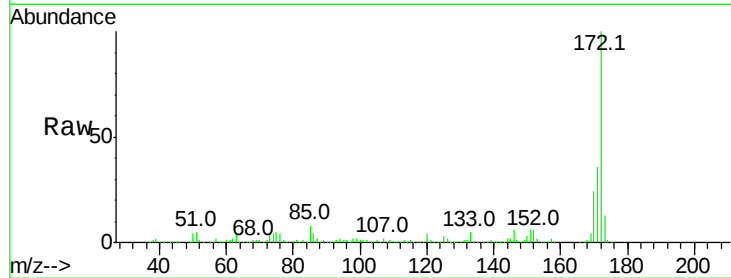
BNA_F

ClientSampleId :

TP-3D46

Tot Ion:172 Resp: 1003090

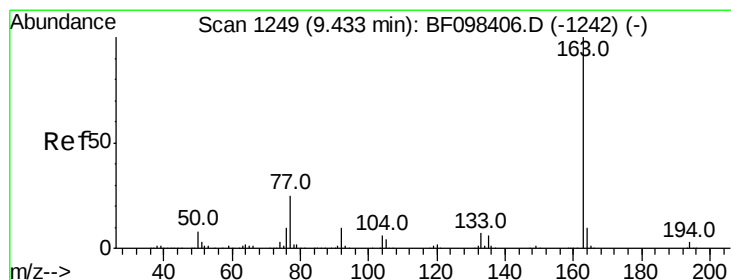
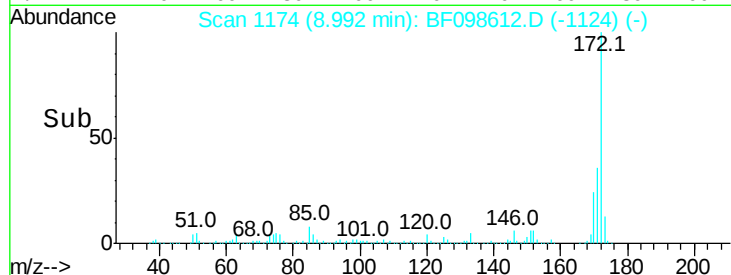
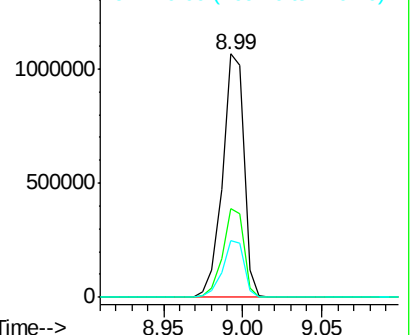
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.5	19.8	29.8



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: 10.072 ng

RT: 9.39 min Scan# 1242

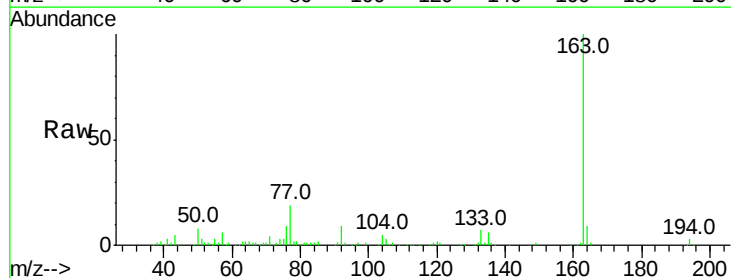
Delta R.T. -0.01 min

Lab File: BF098612.D

Acq: 18 Sep 2017 19:59

Tgt Ion:163 Resp: 145762

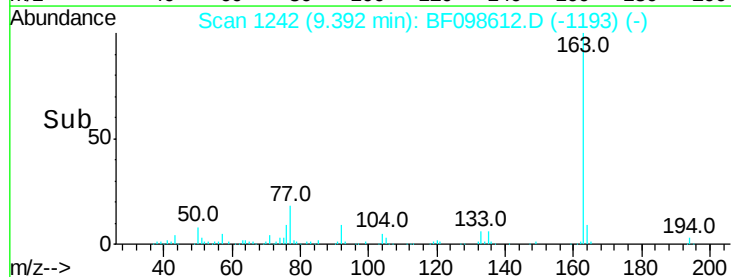
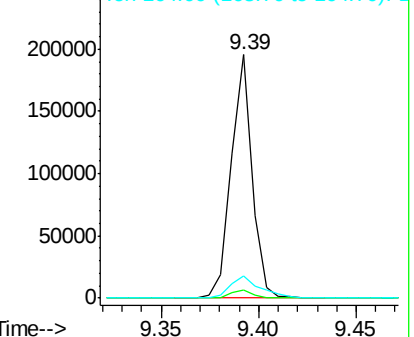
Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.4	8.4	12.6

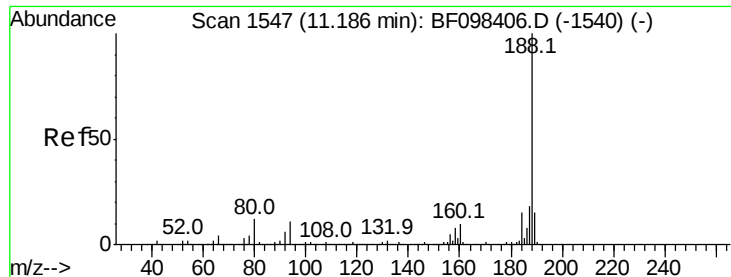


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

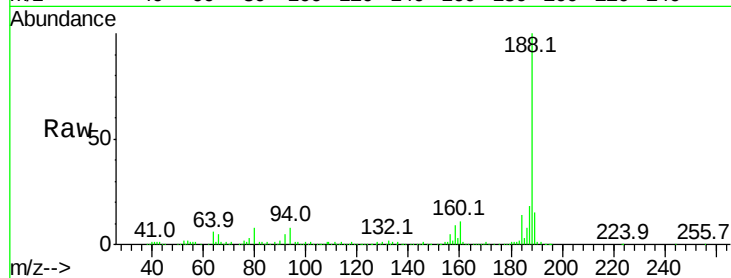




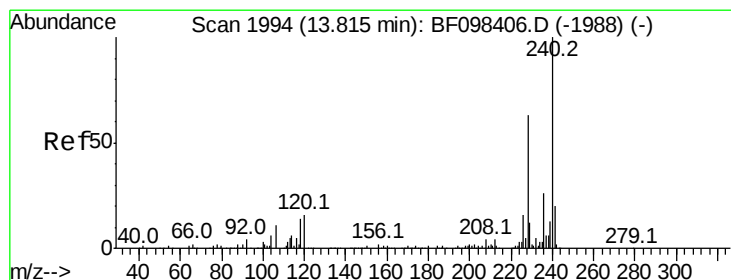
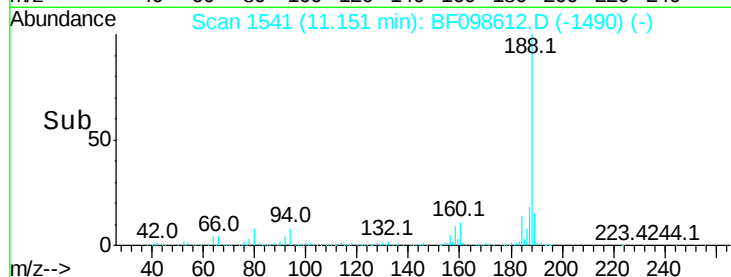
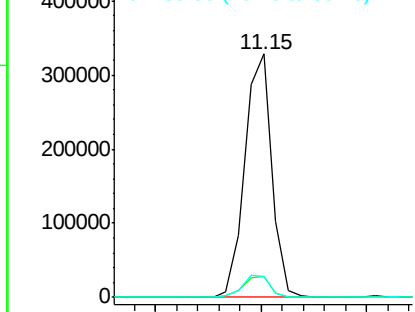
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.00 min
Lab File: BF098612.D
Acq: 18 Sep 2017 19:59

Instrument :
BNA_F
ClientSampleId :
TP-3D46

Tot Ion:188 Resp: 290304
Ion Ratio Lower Upper
188 100
94 8.5 9.4 14.2#
80 8.4 10.2 15.2#

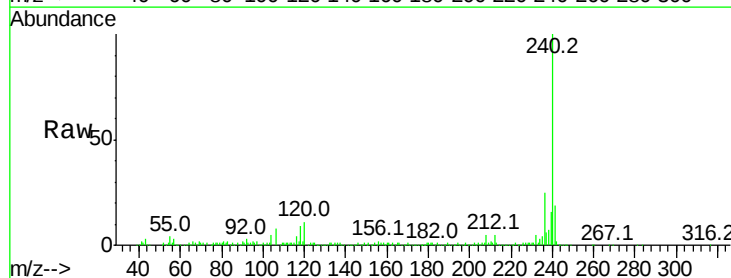


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

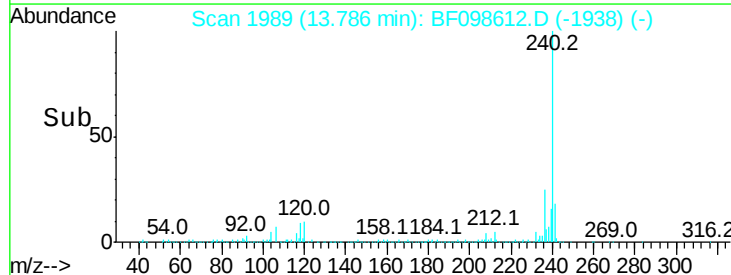
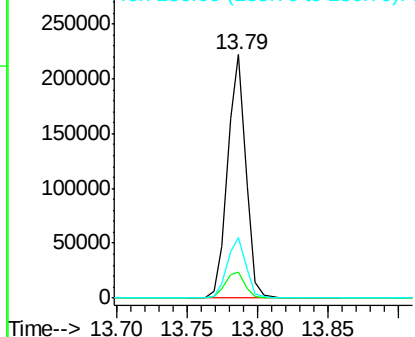


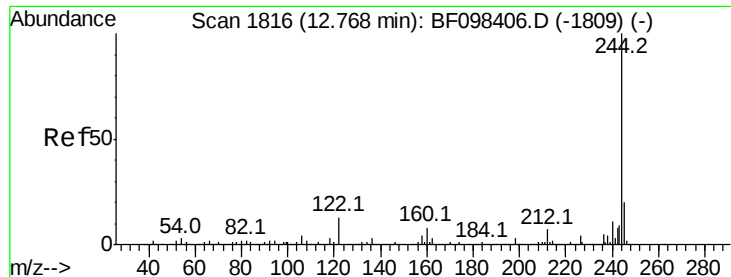
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BF098612.D
Acq: 18 Sep 2017 19:59

Tgt Ion:240 Resp: 199137
Ion Ratio Lower Upper
240 100
120 10.5 5.8 8.8#
236 25.0 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: 69.920 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF098612.D

Acq: 18 Sep 2017 19:59

Instrument :

BNA_F

ClientSampleId :

TP-3D46

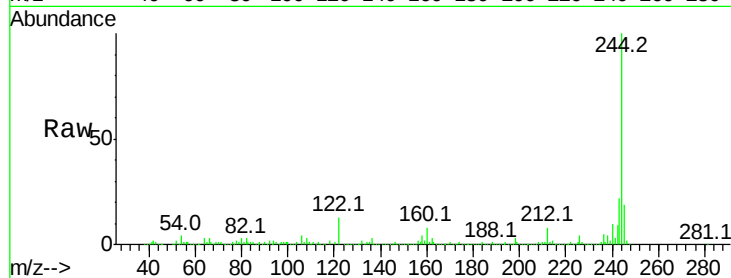
Tot Ion:244 Resp: 645075

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

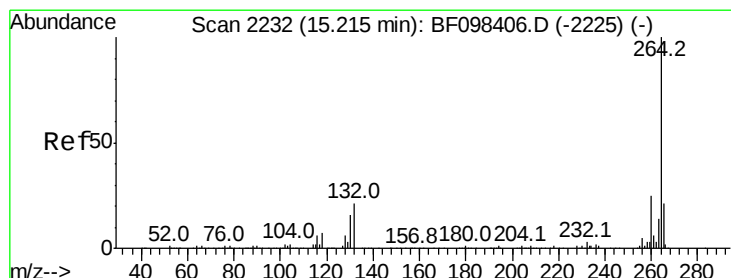
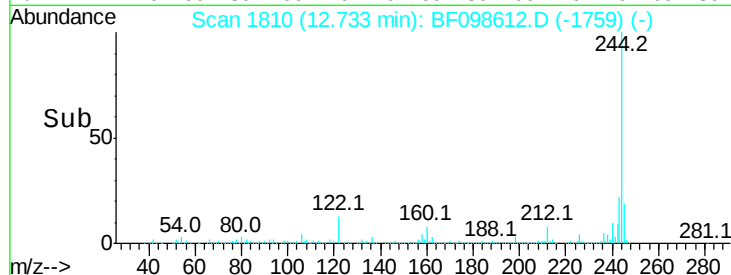
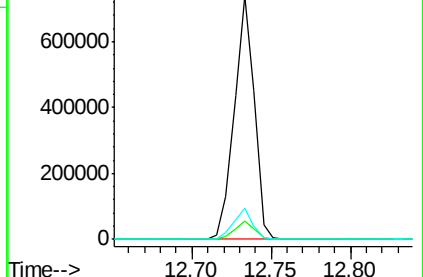
122 12.8 10.3 15.5



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: 15.18 min Scan# 2226

Delta R.T. 0.01 min

Lab File: BF098612.D

Acq: 18 Sep 2017 19:59

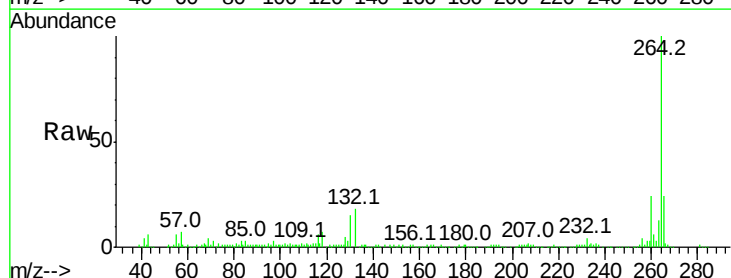
Tgt Ion:264 Resp: 176747

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 23.7 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

