

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090917\
 Data File : BF098389.D
 Acq On : 9 Sep 2017 16:48
 Operator : SJ/JU
 Sample : I5178-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-9-11

Quant Time: Sep 11 05:32:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

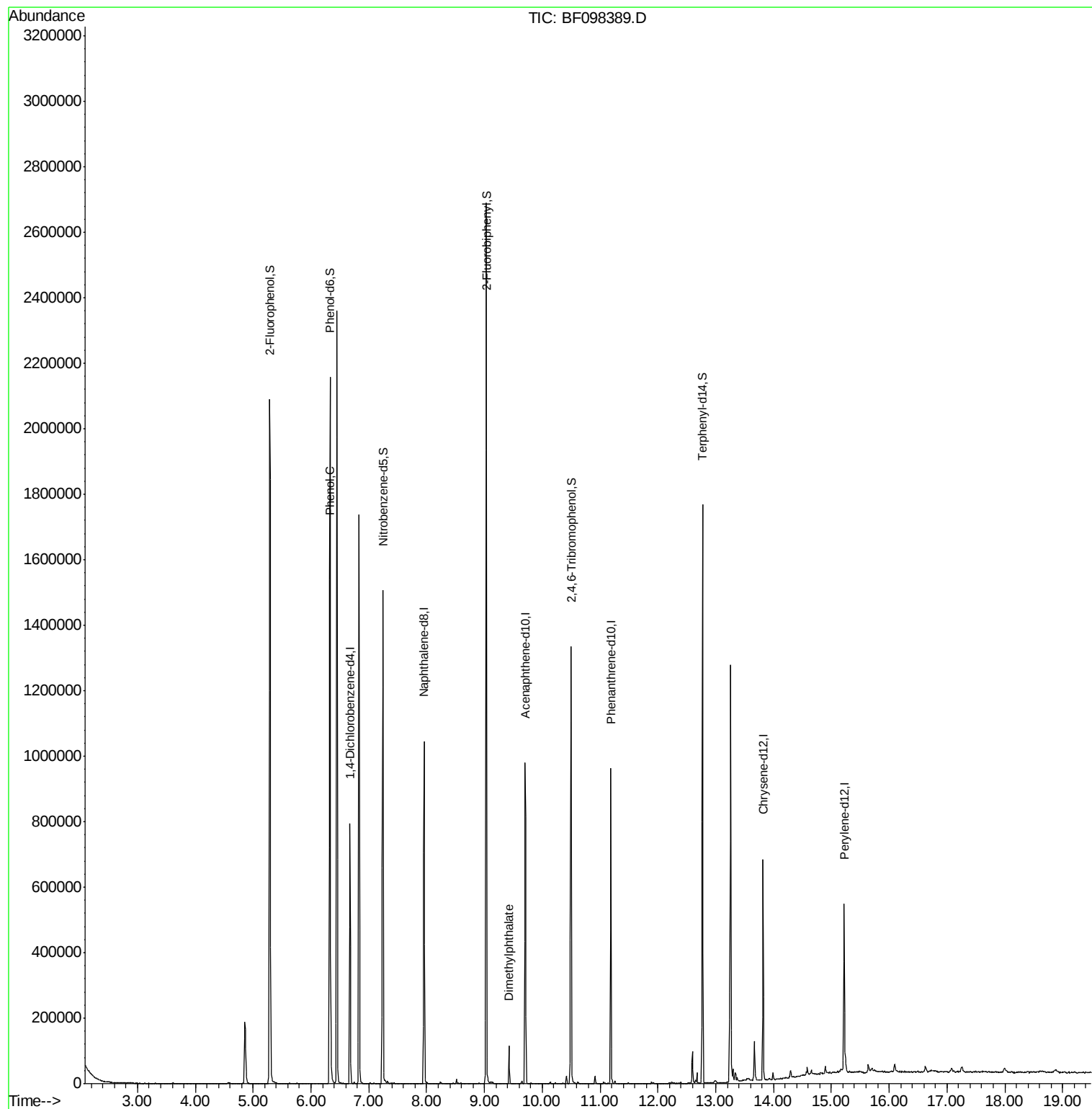
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	107615	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	426979	20.00	ng	-0.03
38) Acenaphthene-d10	9.70	164	187353	20.00	ng	-0.04
63) Phenanthrene-d10	11.19	188	321584	20.00	ng	-0.04
75) Chrysene-d12	13.82	240	220080	20.00	ng	-0.04
86) Perylene-d12	15.22	264	213166	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	658823	93.12	ng	-0.02
7) Phenol-d6	6.33	99	897714	93.39	ng	-0.02
23) Nitrobenzene-d5	7.25	82	548593	69.80	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	158012	97.20	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	829385	65.04	ng	-0.04
78) Terphenyl-d14	12.77	244	566506	53.68	ng	-0.04
Target Compounds						
10) Phenol	6.34	94	57865	5.147	ng	90
49) Dimethylphthalate	9.43	163	41087	3.000	ng	97

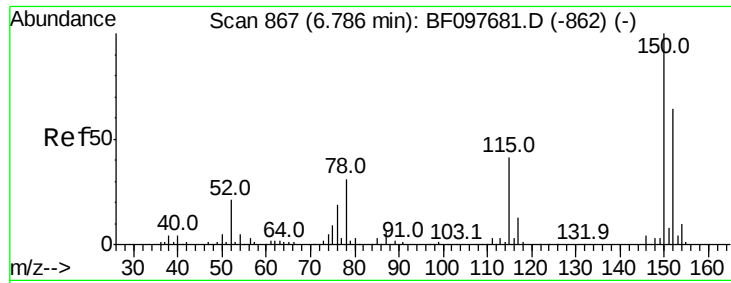
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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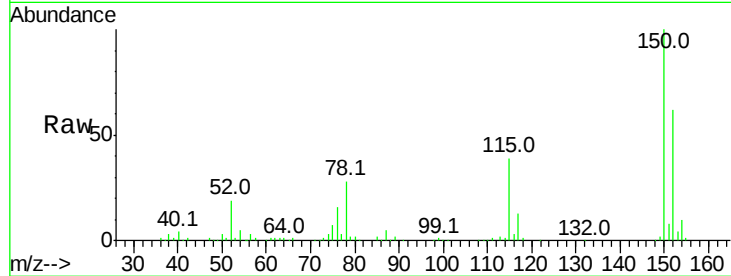


#1

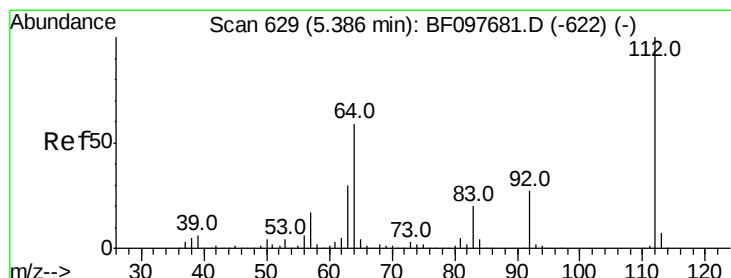
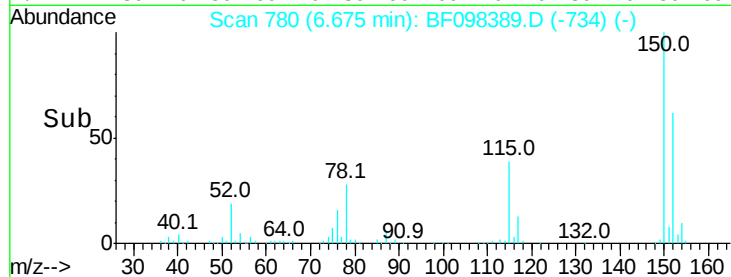
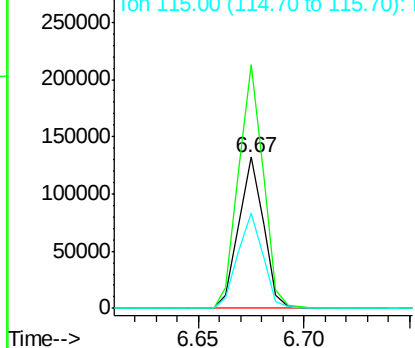
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.03 min
 Lab File: BF098389.D
 Acq: 9 Sep 2017 16:48

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-9-11

Tot Ion:152 Resp: 107615
 Ion Ratio Lower Upper
 152 100
 150 160.9 126.2 189.2
 115 63.2 52.2 78.2



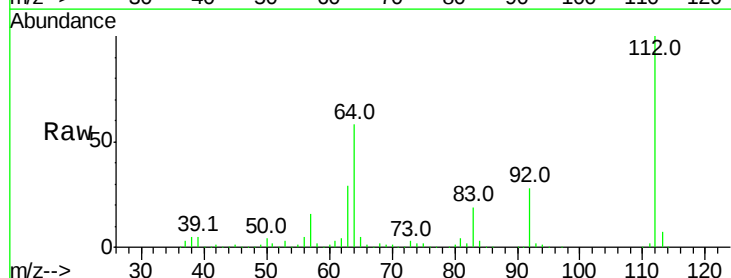
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



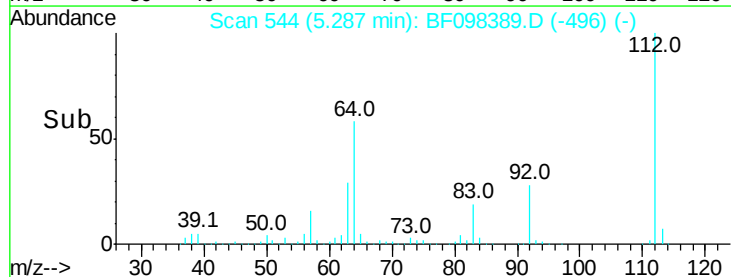
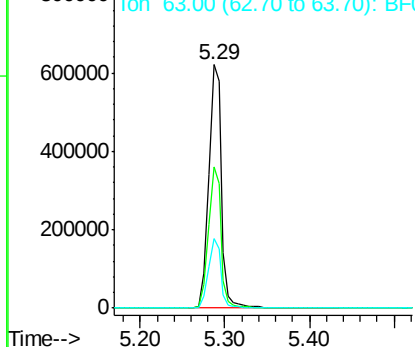
#5

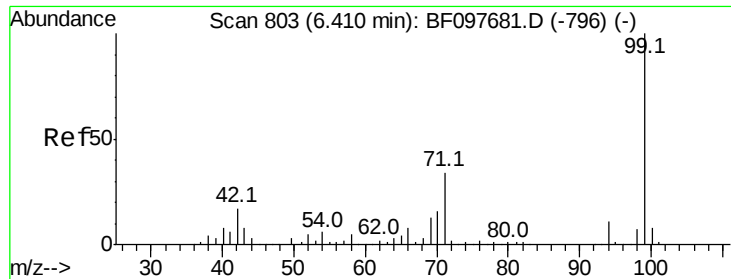
2-Fluorophenol
 Concen: 93.121 ng
 RT: 5.29 min Scan# 544
 Delta R.T. -0.02 min
 Lab File: BF098389.D
 Acq: 9 Sep 2017 16:48

Tgt Ion:112 Resp: 658823
 Ion Ratio Lower Upper
 112 100
 64 58.1 46.0 69.0
 63 28.6 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: 93.387 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF098389.D

Acq: 9 Sep 2017 16:48

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-9-11

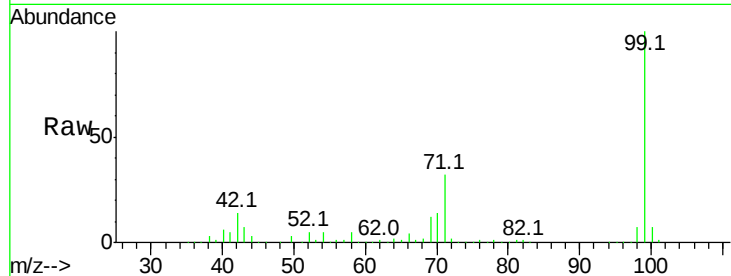
Tot Ion: 99 Resp: 897714

Ion Ratio Lower Upper

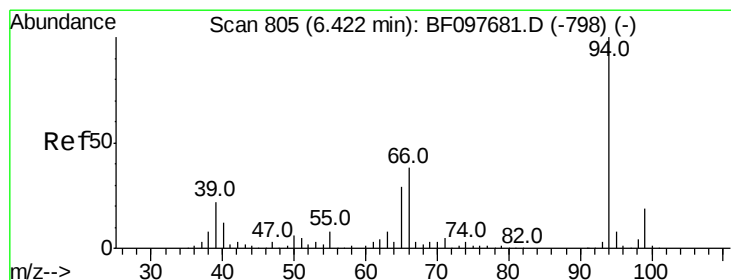
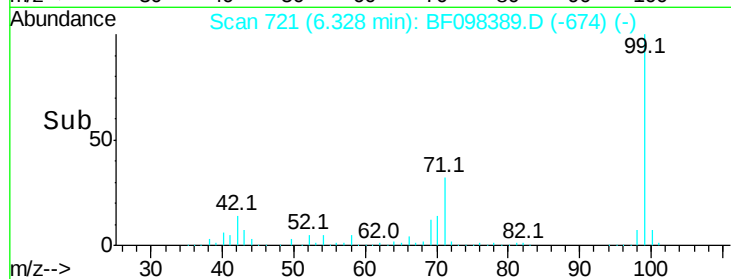
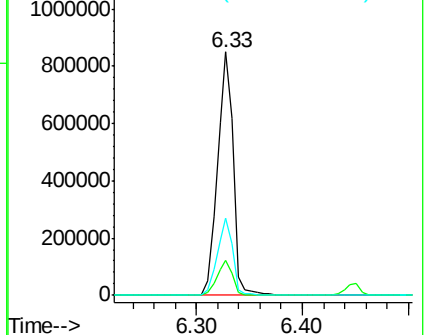
99 100

42 14.4 13.5 20.3

71 31.8 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: 5.147 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF098389.D

Acq: 9 Sep 2017 16:48

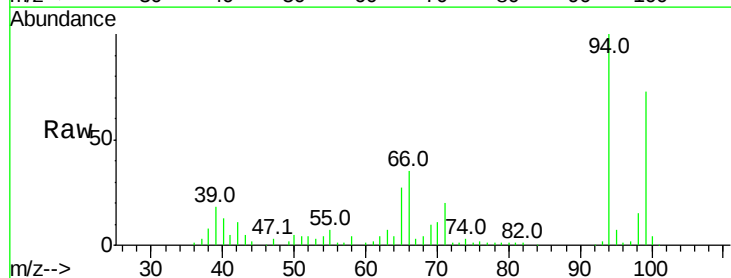
Tgt Ion: 94 Resp: 57865

Ion Ratio Lower Upper

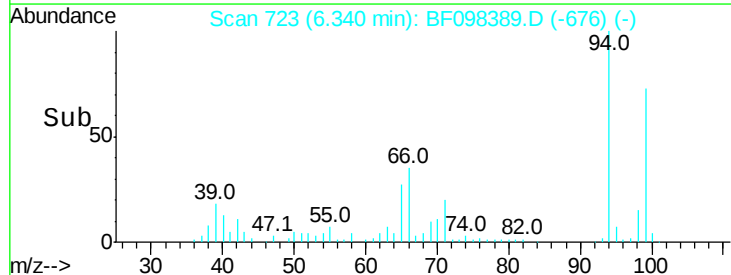
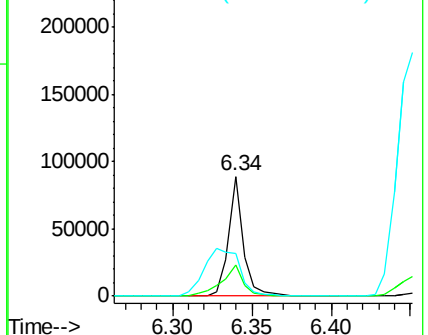
94 100

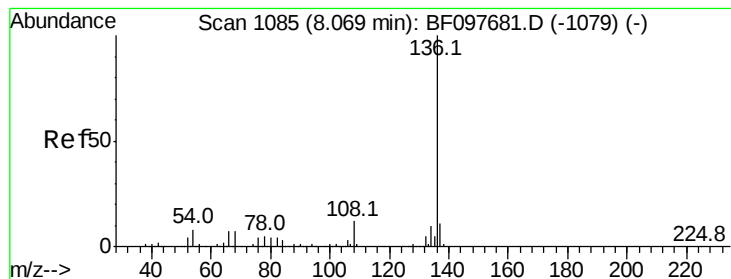
65 26.5 9.9 49.9

66 35.3 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: 7.96 min Scan# 998

Delta R.T. -0.03 min

Lab File: BF098389.D

Acq: 9 Sep 2017 16:48

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-9-11

Tot Ion:136 Resp: 426979

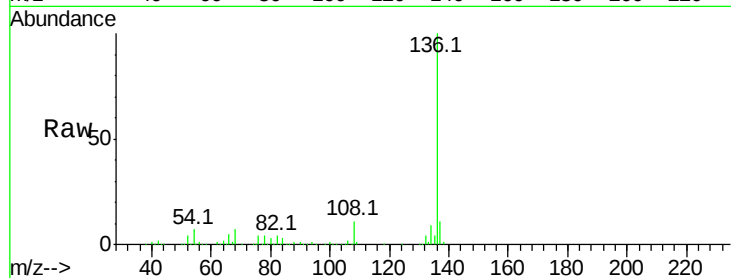
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.0 4.9 7.3

68 7.0 4.1 6.1#

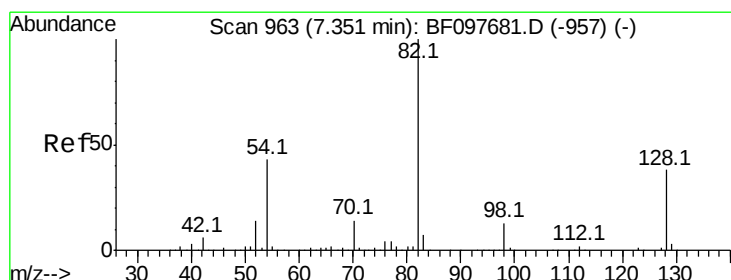
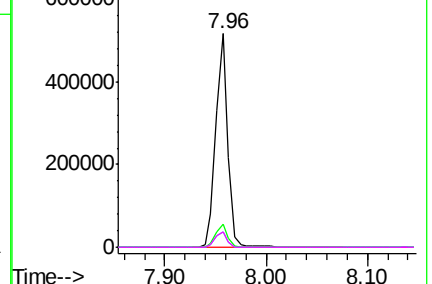
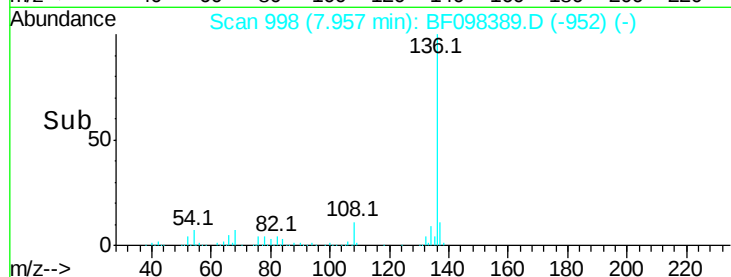


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.798 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.03 min

Lab File: BF098389.D

Acq: 9 Sep 2017 16:48

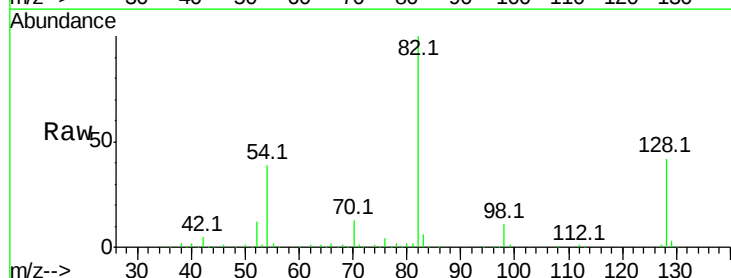
Tgt Ion: 82 Resp: 548593

Ion Ratio Lower Upper

82 100

128 42.2 34.0 51.0

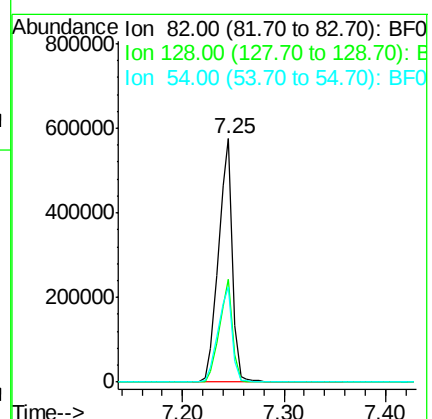
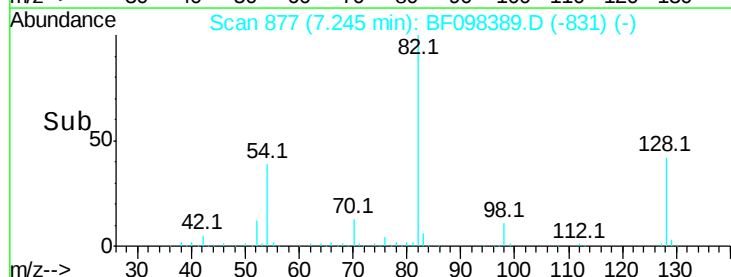
54 38.8 42.2 63.2#

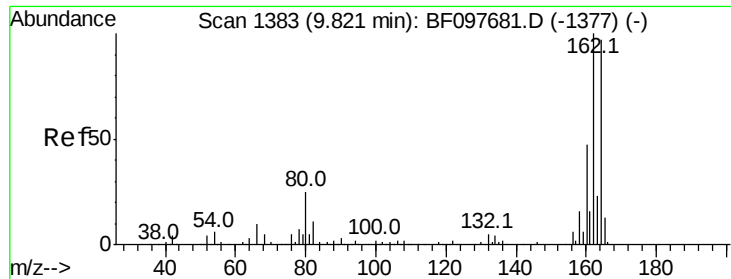


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

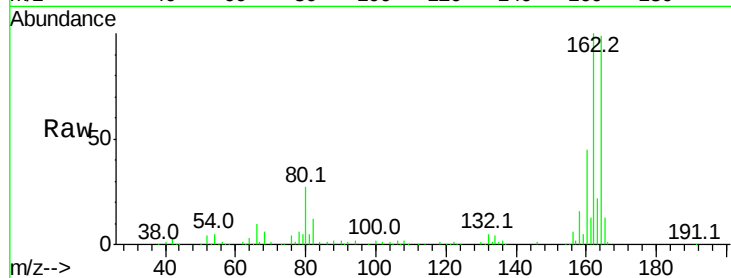




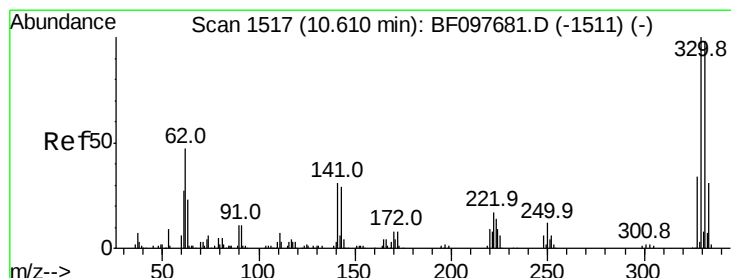
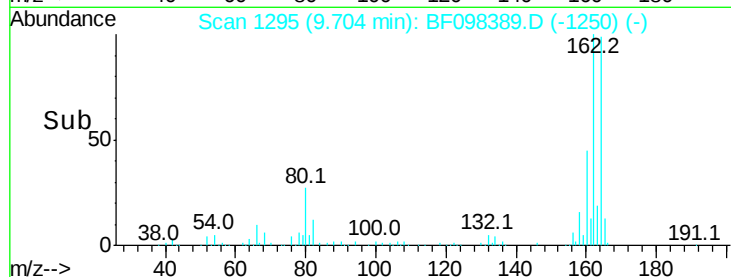
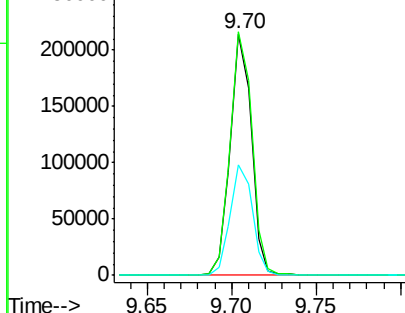
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.04 min
Lab File: BF098389.D
Acq: 9 Sep 2017 16:48

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-9-11

Tot Ion:164 Resp: 187353
Ion Ratio Lower Upper
164 100
162 100.8 82.6 123.8
160 45.6 36.2 54.2

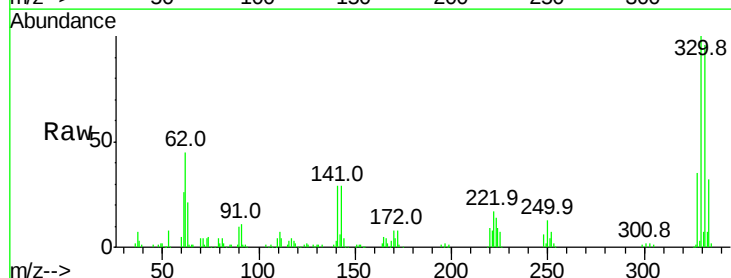


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

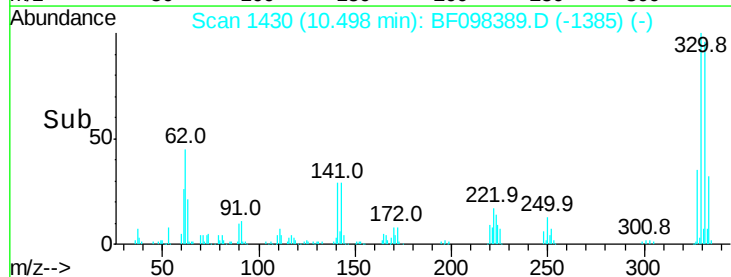
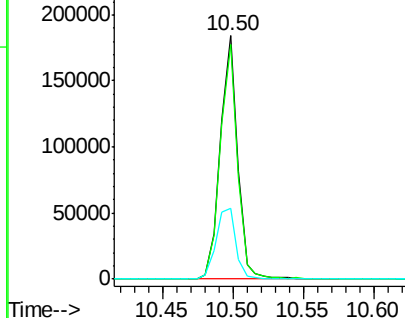


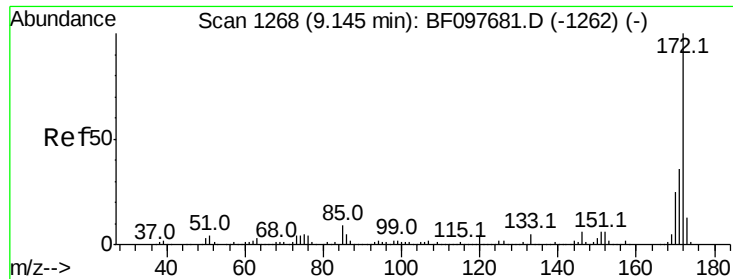
#41
2,4,6-Tribromophenol
Concen: 97.203 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.04 min
Lab File: BF098389.D
Acq: 9 Sep 2017 16:48

Tgt Ion:330 Resp: 158012
Ion Ratio Lower Upper
330 100
332 96.6 76.6 115.0
141 33.7 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

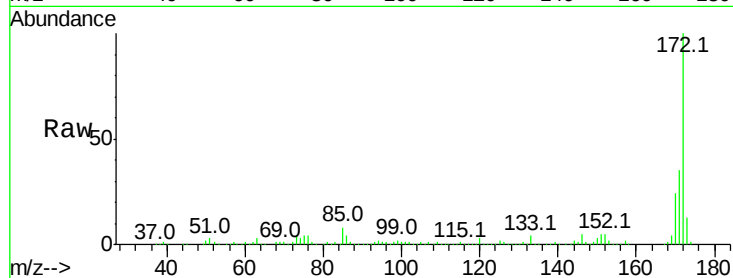




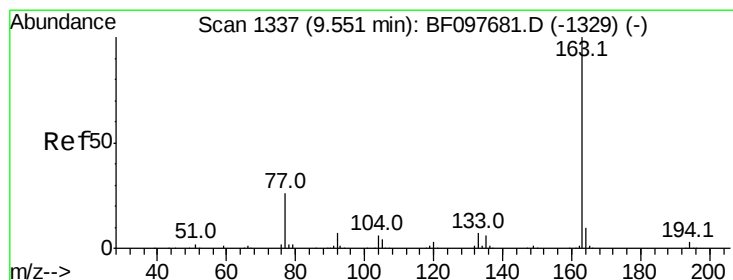
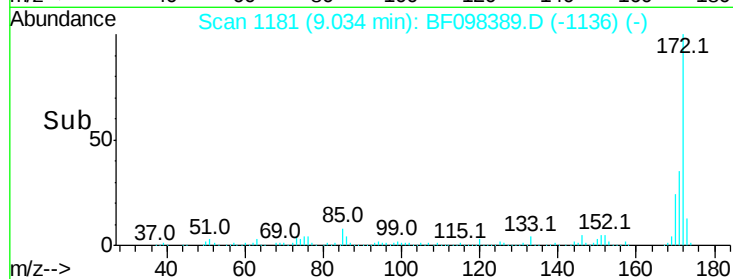
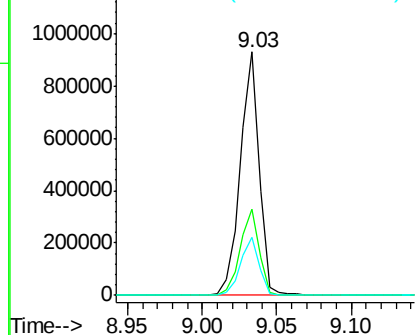
#44
 2-Fluorobiphenyl
 Concen: 65.040 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.04 min
 Lab File: BF098389.D
 Acq: 9 Sep 2017 16:48

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-9-11

Tot Ion:172 Resp: 829385
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.6 44.4
 170 23.9 19.8 29.8

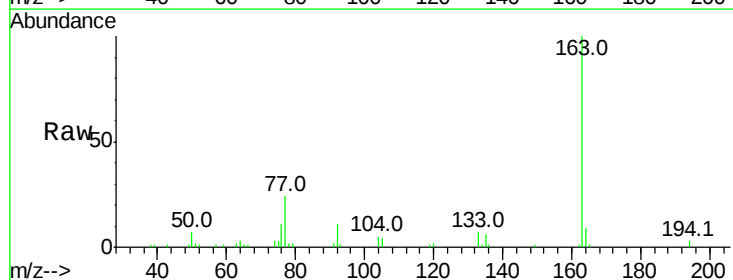


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

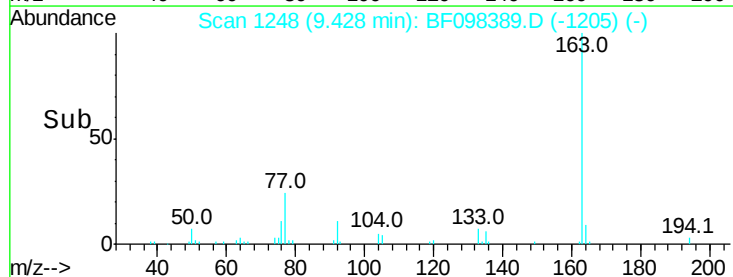
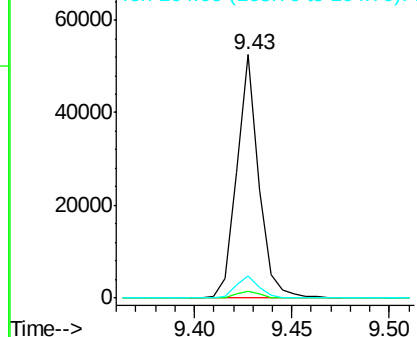


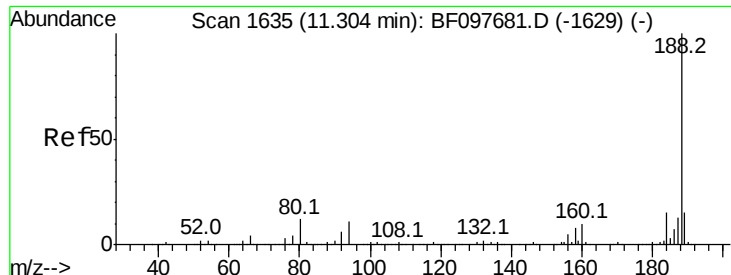
#49
 Dimethylphthalate
 Concen: 3.000 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.05 min
 Lab File: BF098389.D
 Acq: 9 Sep 2017 16:48

Tgt Ion:163 Resp: 41087
 Ion Ratio Lower Upper
 163 100
 194 3.0 2.6 4.0
 164 9.2 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: 11.19 min Scan# 1547

Delta R.T. -0.04 min

Lab File: BF098389.D

Acq: 9 Sep 2017 16:48

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-9-11

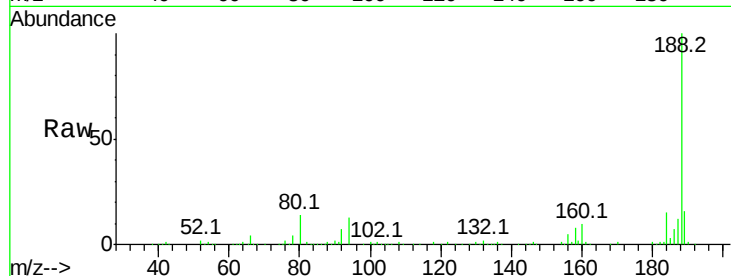
Tot Ion:188 Resp: 321584

Ion Ratio Lower Upper

188 100

94 12.7 9.4 14.2

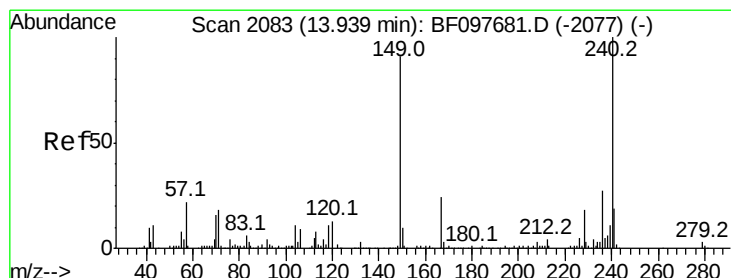
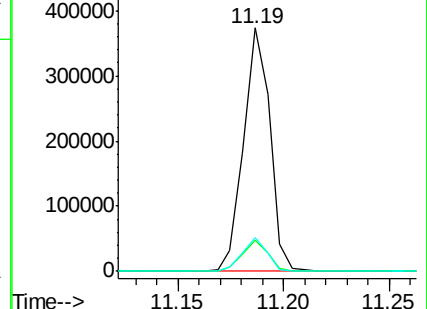
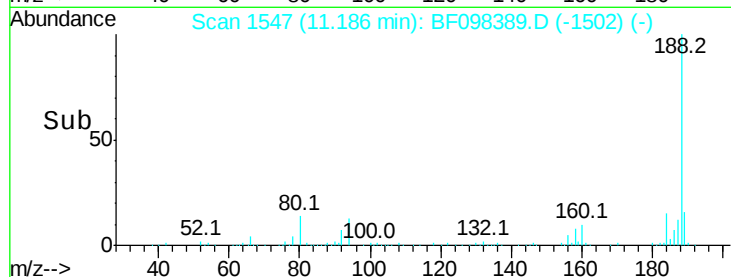
80 14.0 10.2 15.2



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: 13.82 min Scan# 1995

Delta R.T. -0.04 min

Lab File: BF098389.D

Acq: 9 Sep 2017 16:48

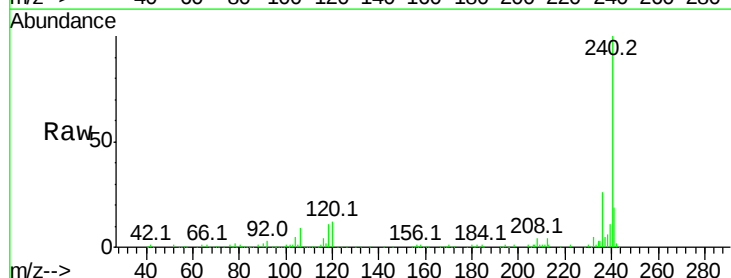
Tgt Ion:240 Resp: 220080

Ion Ratio Lower Upper

240 100

120 12.3 5.8 8.8#

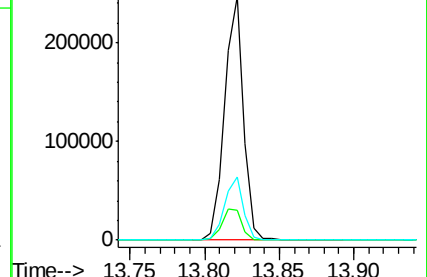
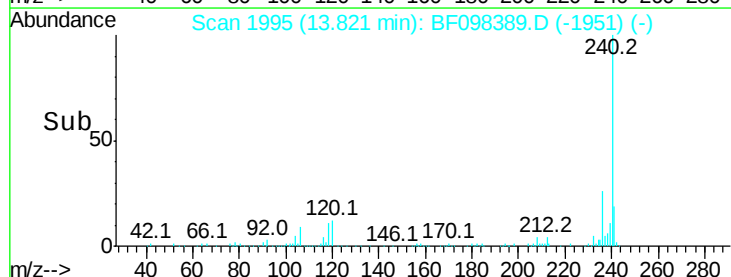
236 26.1 20.5 30.7

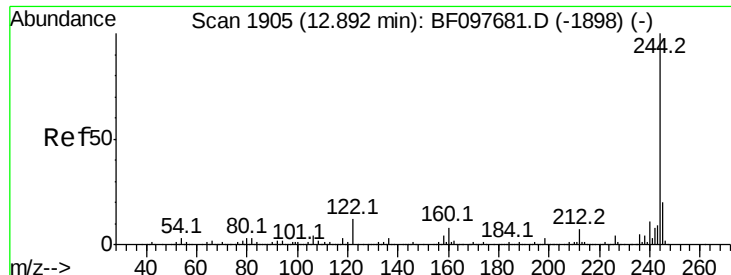


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 53.678 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.04 min

Lab File: BF098389.D

Acq: 9 Sep 2017 16:48

Instrument :

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TEC-COMP-9-11

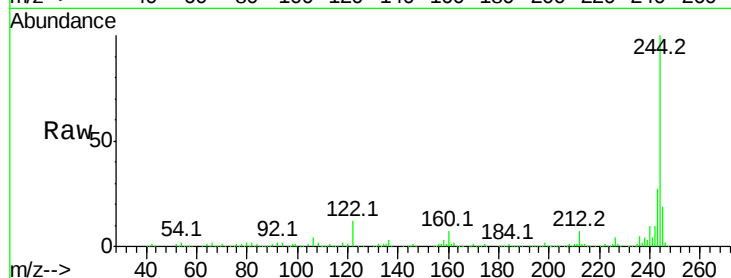
Tot Ion:244 Resp: 566506

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

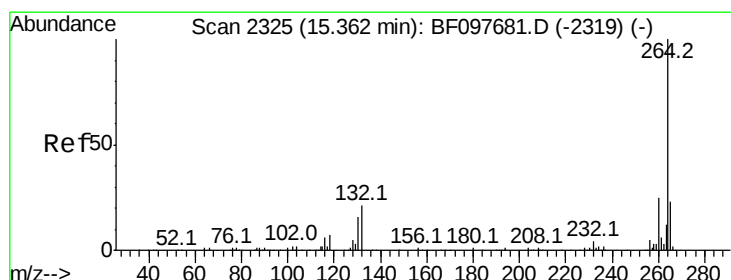
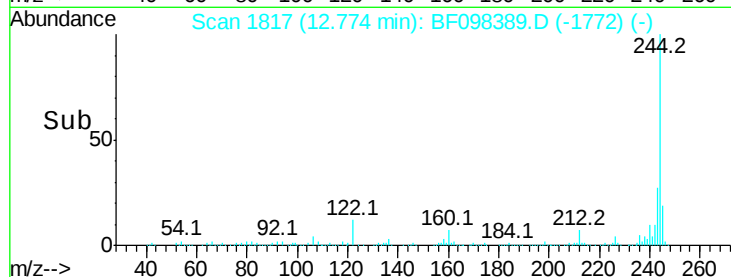
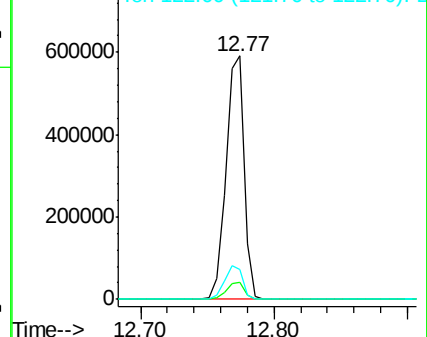
122 12.0 10.3 15.5



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# 2233

Delta R.T. -0.04 min

Lab File: BF098389.D

Acq: 9 Sep 2017 16:48

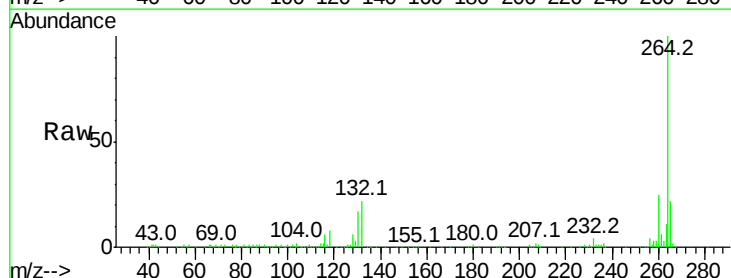
Tgt Ion:264 Resp: 213166

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 22.0 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

