

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100115.D
 Acq On : 3 Nov 2017 5:54
 Operator : SJ/JU
 Sample : I6276-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Nov 03 07:32:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

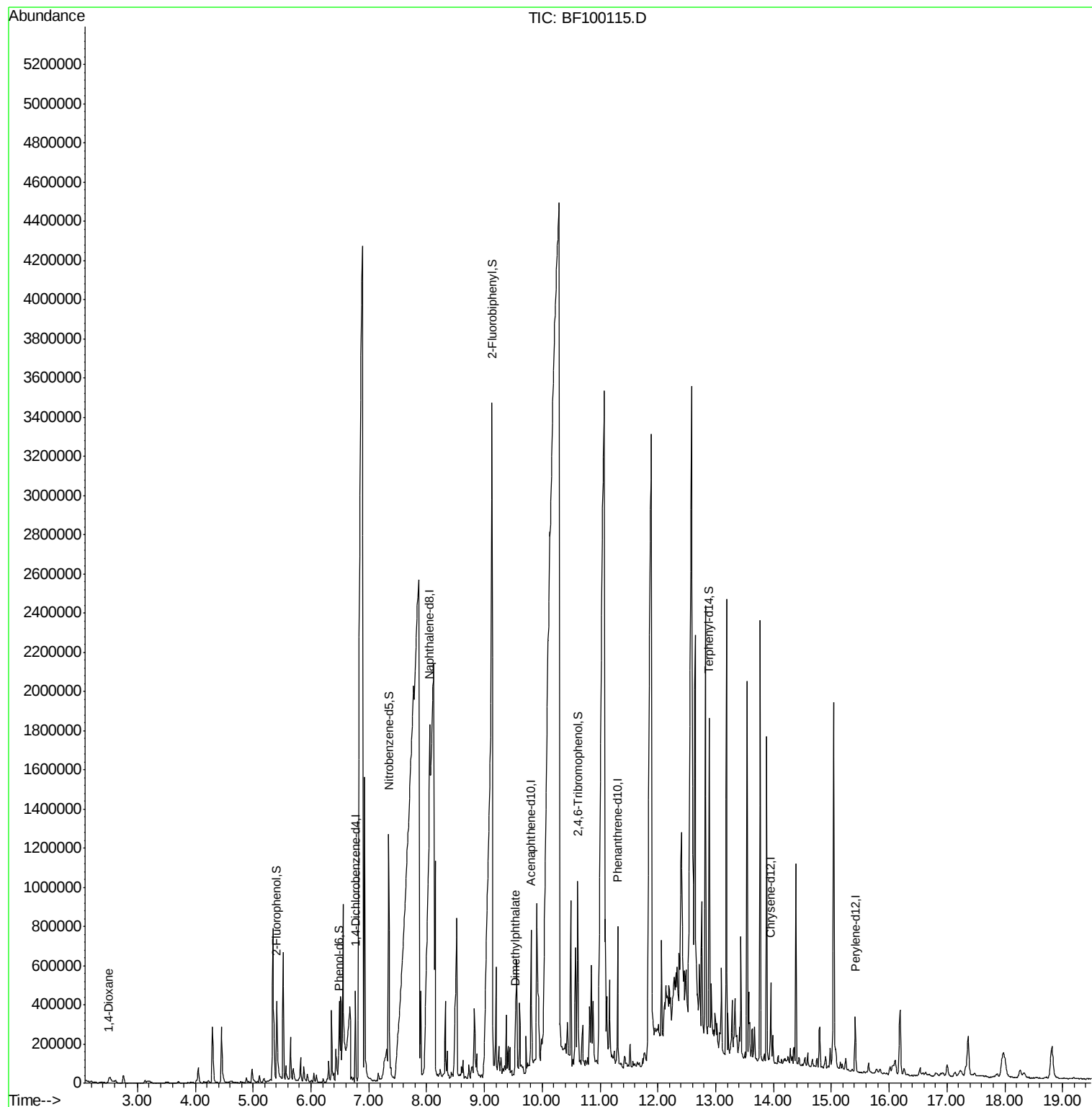
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	76918	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	262401	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	138071	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	231604	20.00	ng	0.00
75) Chrysene-d12	13.96	240	141020	20.00	ng	-0.02
86) Perylene-d12	15.41	264	131544	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	199156	40.65	ng	0.01
7) Phenol-d6	6.50	99	194429	33.47	ng	0.07
23) Nitrobenzene-d5	7.35	82	383288	94.04	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	99928	79.42	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	671544	75.04	ng	0.00
78) Terphenyl-d14	12.89	244	602075	93.30	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.50	88	18881	8.727	ng	Qvalue # 81
49) Dimethylphthalate	9.53	163	42523	3.889	ng	99

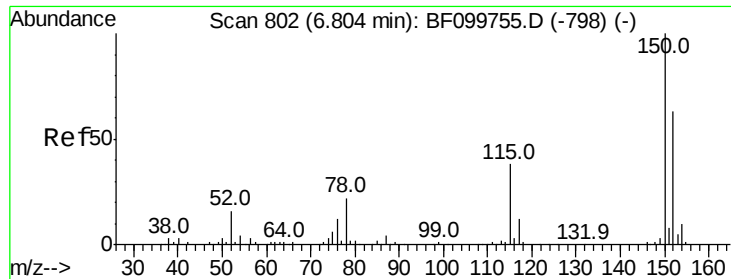
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100115.D
Acq On : 3 Nov 2017 5:54
Operator : SJ/JU
Sample : I6276-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Quant Time: Nov 03 07:32:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 18:13:08 2017
Response via : Initial Calibration



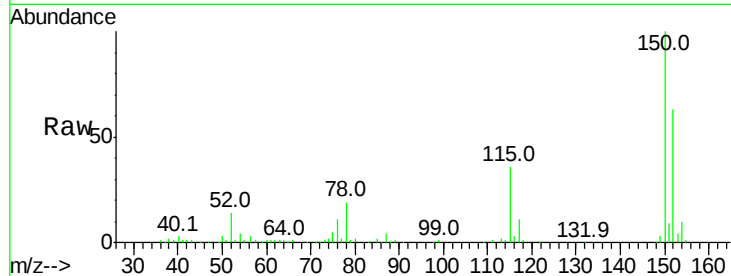


#1

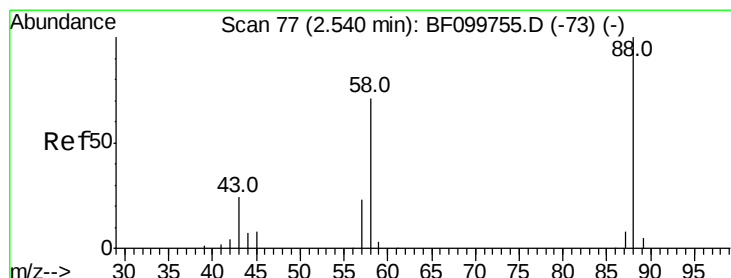
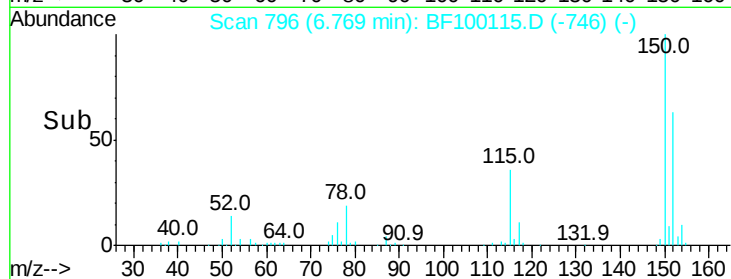
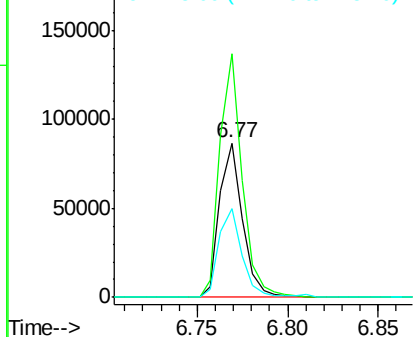
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF100115.D
Acq: 3 Nov 2017 5:54

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tot Ion:152 Resp: 76918
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 57.3 50.1 75.1



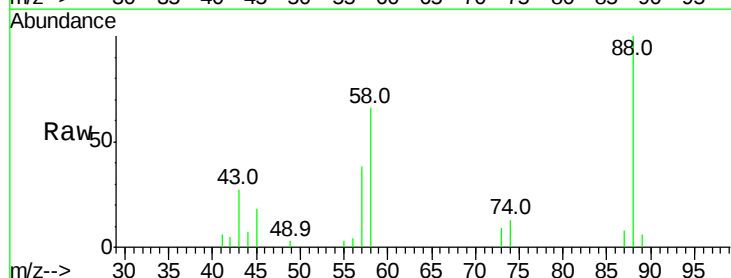
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



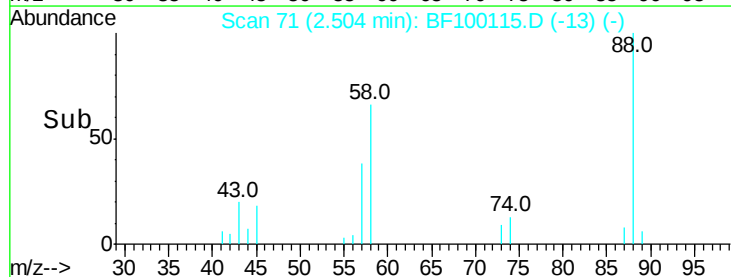
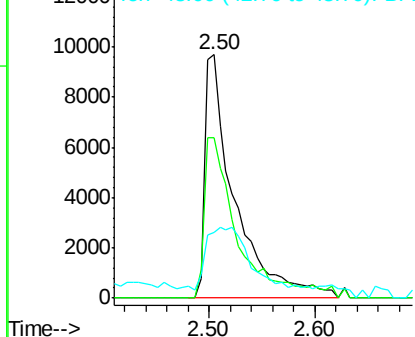
#2

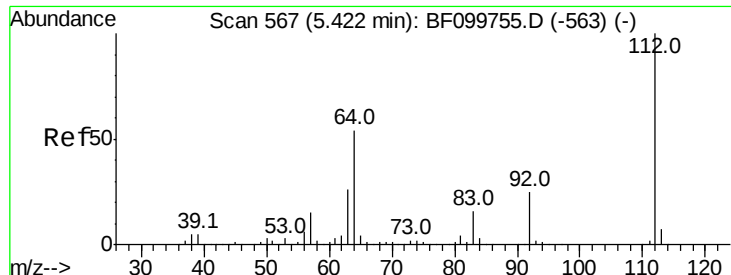
1,4-Dioxane
Concen: 8.727 ng
RT: 2.50 min Scan# 71
Delta R.T. 0.04 min
Lab File: BF100115.D
Acq: 3 Nov 2017 5:54

Tgt Ion: 88 Resp: 18881
Ion Ratio Lower Upper
88 100
58 75.0 62.6 93.8
43 0.0 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#5

2-Fluorophenol

Concen: 40.650 ng

RT: 5.40 min Scan# 564

Delta R.T. 0.01 min

Lab File: BF100115.D

Acq: 3 Nov 2017 5:54

Instrument :

BNA_F

ClientSampleId :

EFF-WW

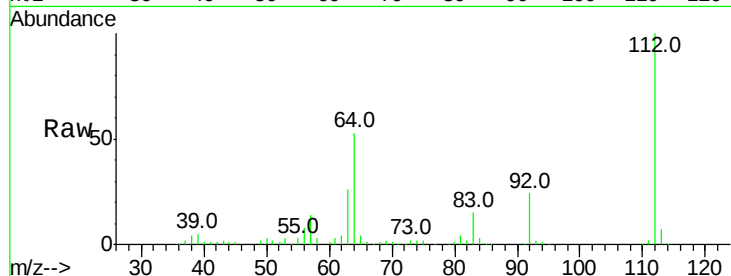
Tot Ion:112 Resp: 199156

Ion Ratio Lower Upper

112 100

64 53.1 47.9 71.9

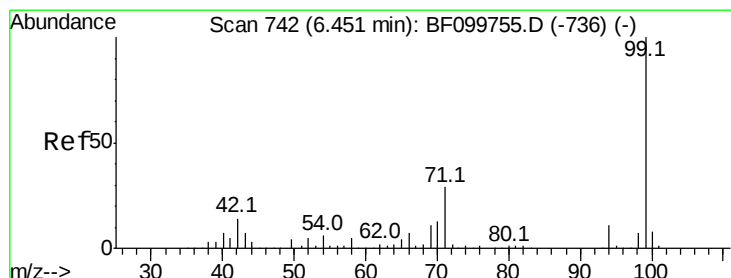
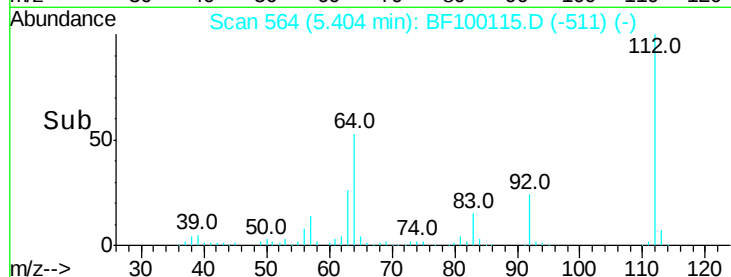
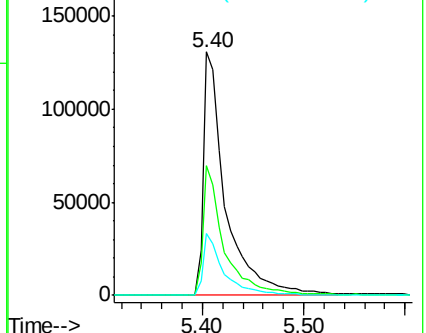
63 25.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#7

Phenol-d6

Concen: 33.469 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.07 min

Lab File: BF100115.D

Acq: 3 Nov 2017 5:54

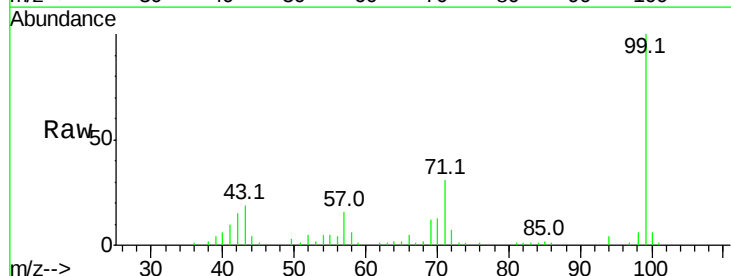
Tgt Ion: 99 Resp: 194429

Ion Ratio Lower Upper

99 100

42 14.8 14.5 21.7

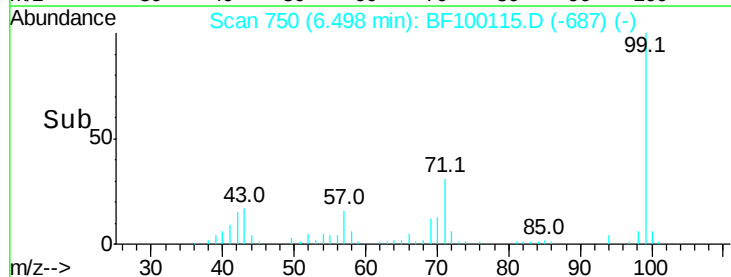
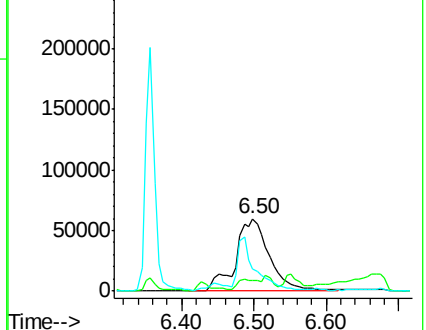
71 31.0 25.4 38.0

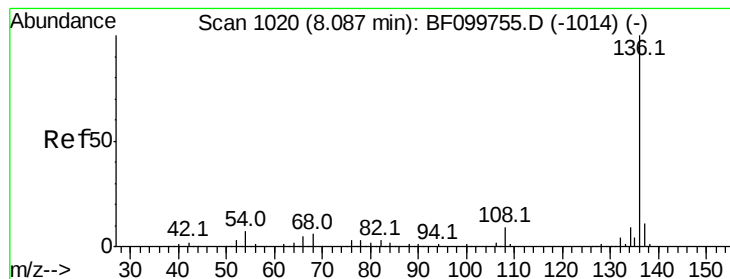


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF100115.D

Acq: 3 Nov 2017 5:54

Instrument :

BNA_F

ClientSampleId :

EFF-WW

Tot Ion:136 Resp: 262401

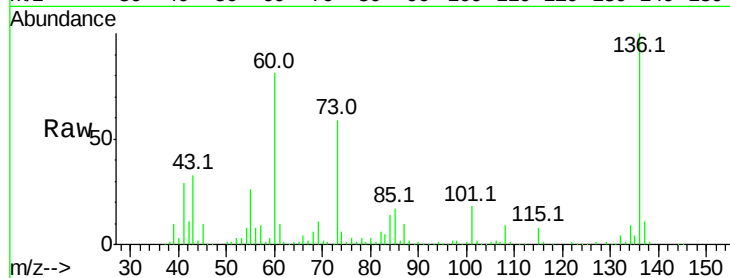
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 7.9 6.6 9.8

68 6.3 5.0 7.4

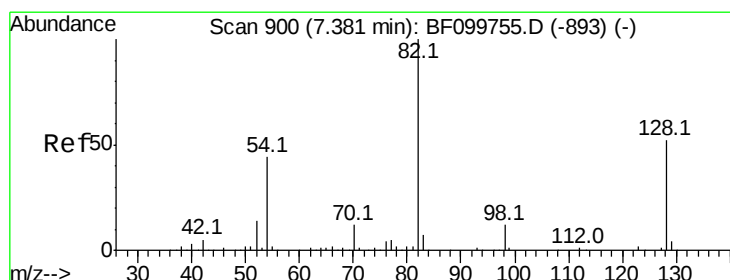
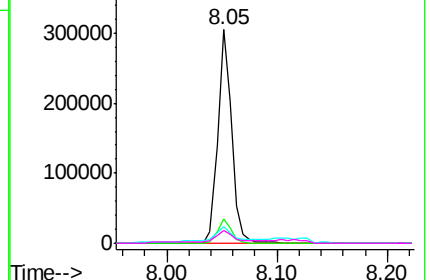
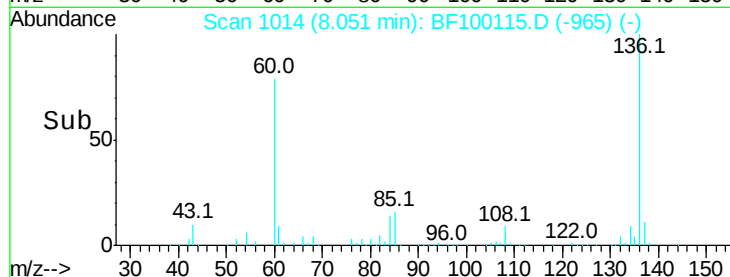


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 94.040 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF100115.D

Acq: 3 Nov 2017 5:54

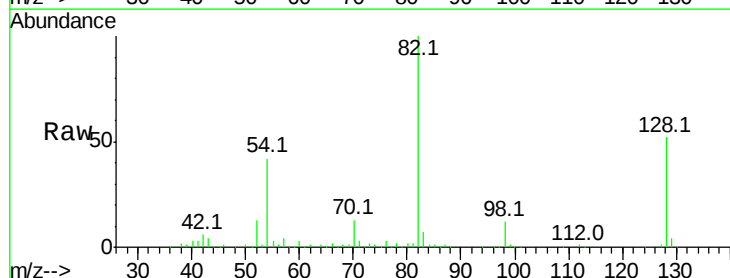
Tgt Ion: 82 Resp: 383288

Ion Ratio Lower Upper

82 100

128 51.5 36.1 54.1

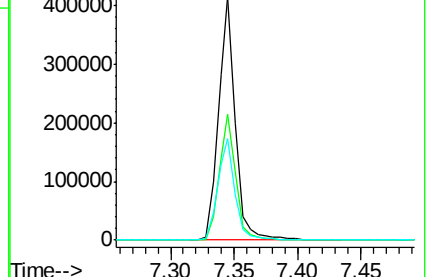
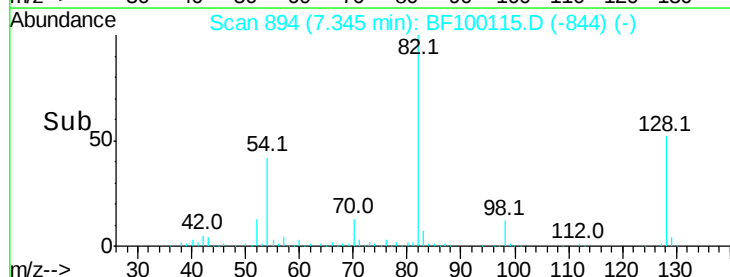
54 41.9 41.4 62.2

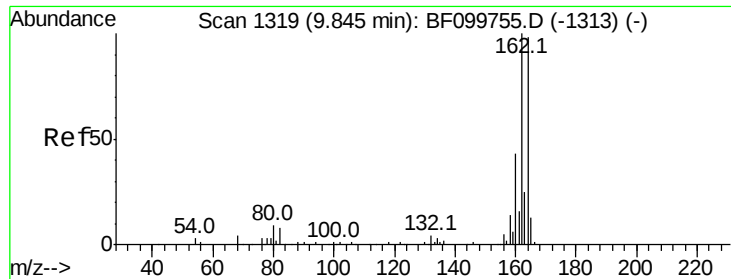


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF100115.D

Acq: 3 Nov 2017 5:54

Instrument :

BNA_F

ClientSampleId :

EFF-WW

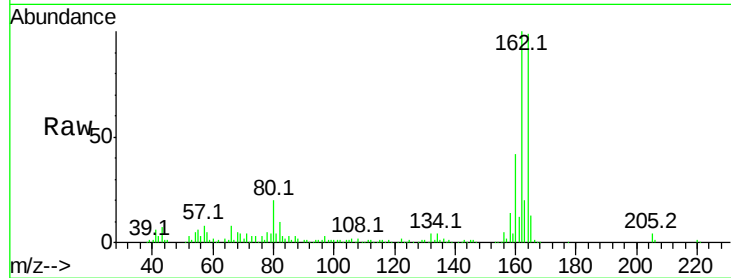
Tot Ion:164 Resp: 138071

Ion Ratio Lower Upper

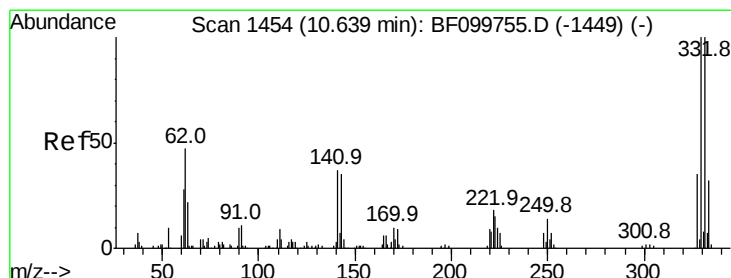
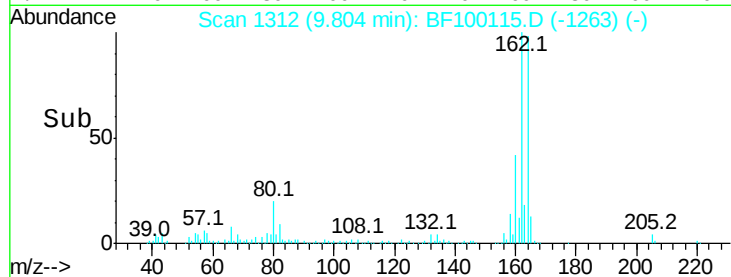
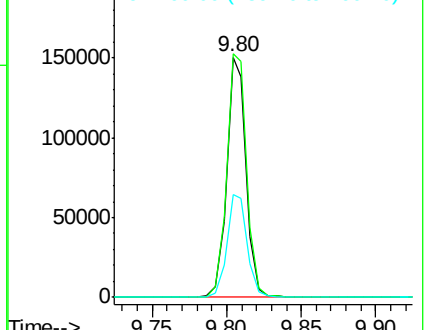
164 100

162 101.3 86.1 129.1

160 42.9 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: 79.417 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BF100115.D

Acq: 3 Nov 2017 5:54

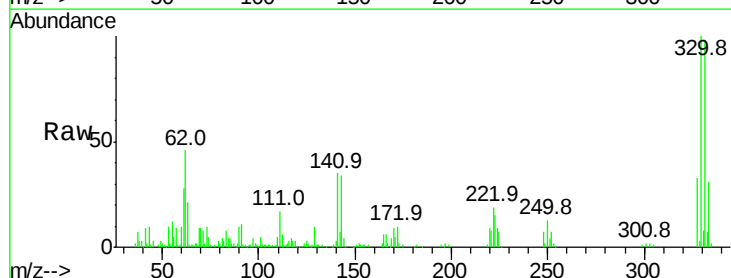
Tgt Ion:330 Resp: 99928

Ion Ratio Lower Upper

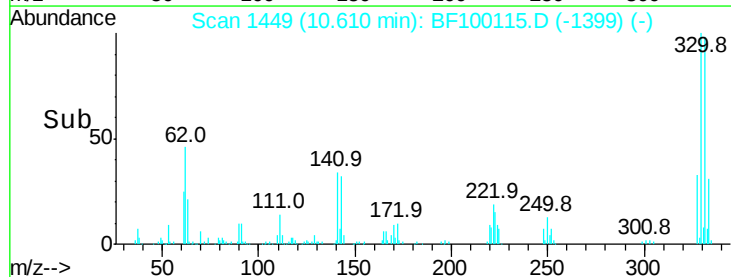
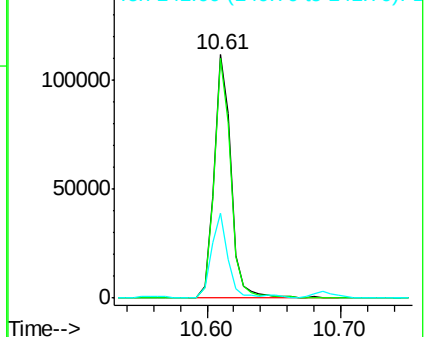
330 100

332 97.1 77.0 115.6

141 35.0 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

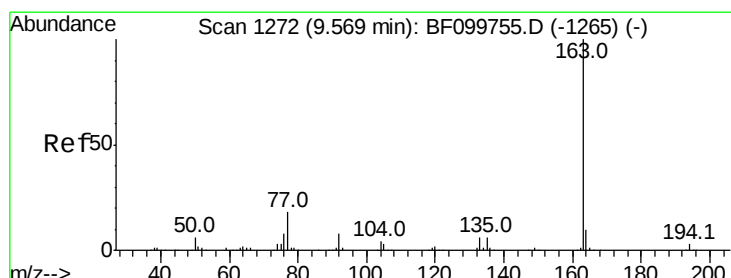
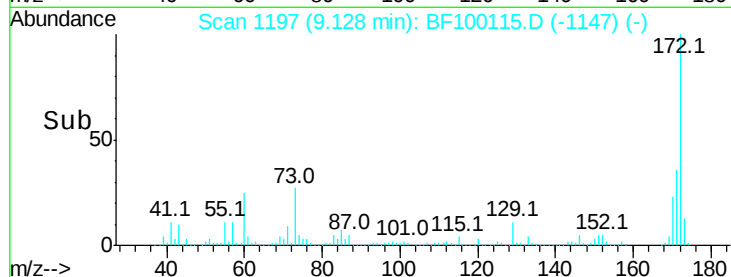
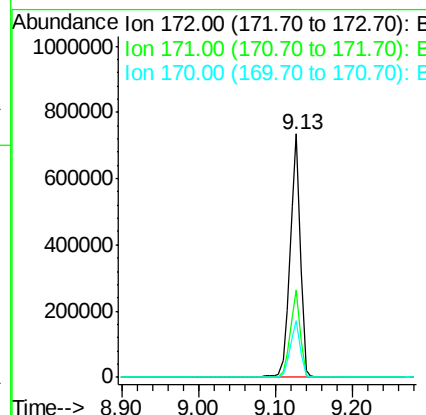
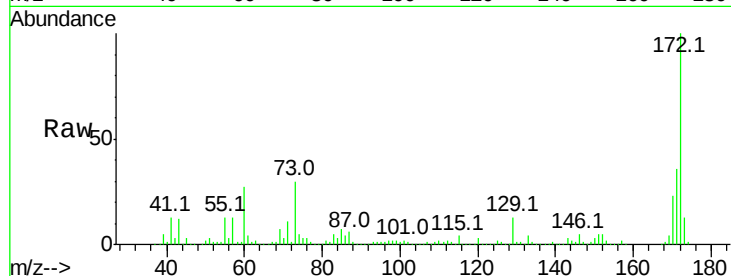




#44
2-Fluorobiphenyl
Concen: 75.040 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF100115.D
Acq: 3 Nov 2017 5:54

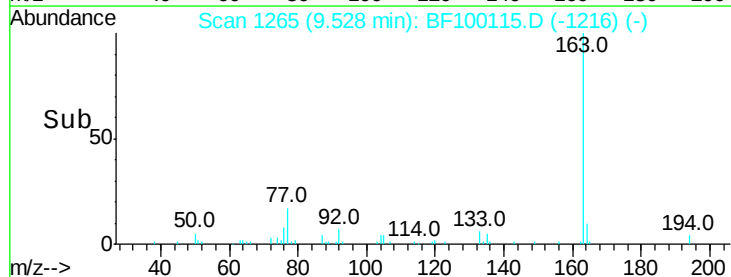
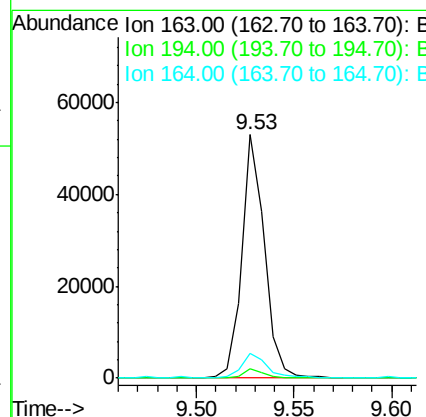
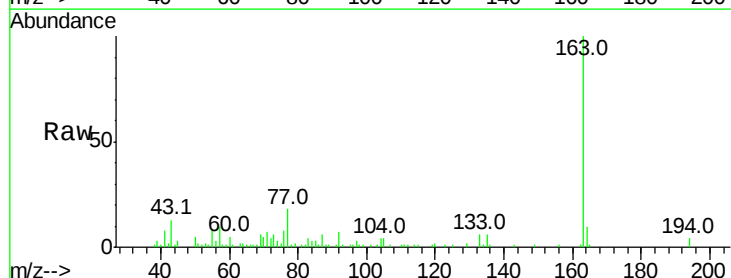
Instrument :
BNA_F
ClientSampleId :
EFF-WW

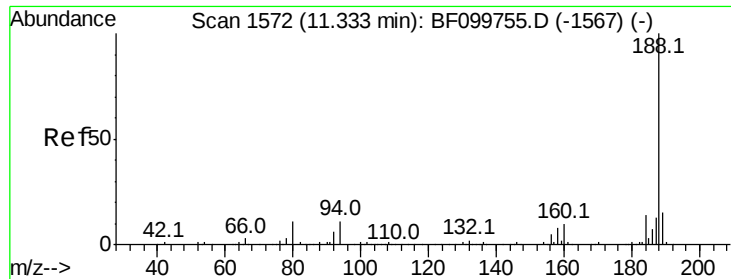
Tot Ion:172 Resp: 671544
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 23.2 19.6 29.4



#49
Dimethylphthalate
Concen: 3.889 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF100115.D
Acq: 3 Nov 2017 5:54

Tgt Ion:163 Resp: 42523
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.4 8.2 12.2

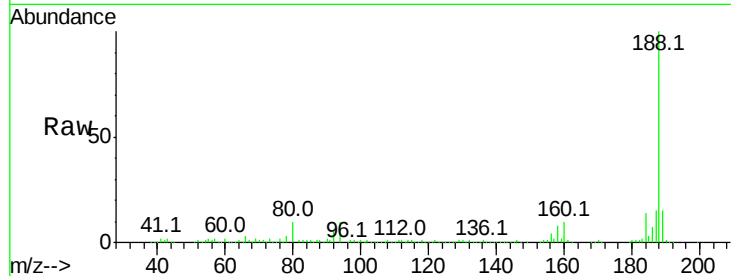




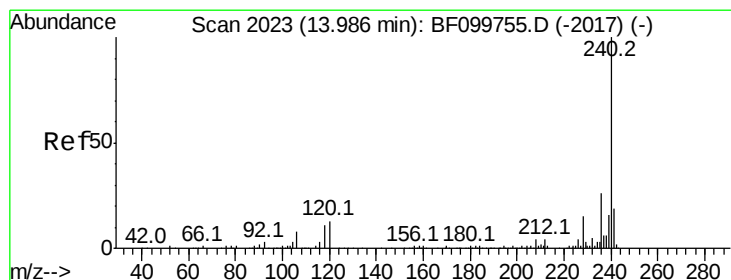
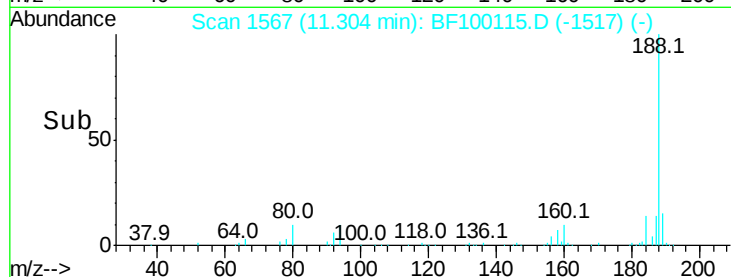
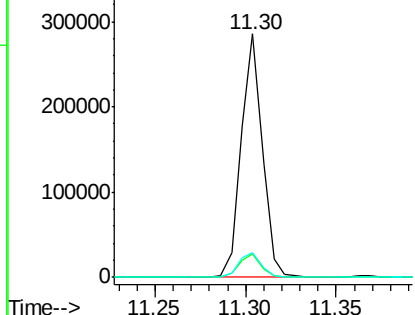
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF100115.D
Acq: 3 Nov 2017 5:54

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tot Ion:188 Resp: 231604
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.2 9.2 13.8

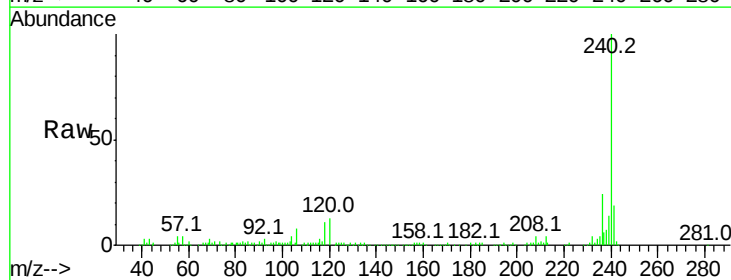


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

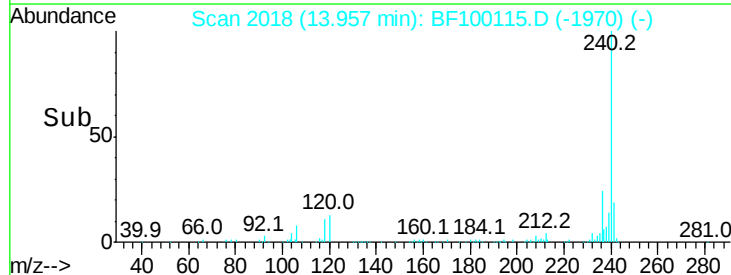
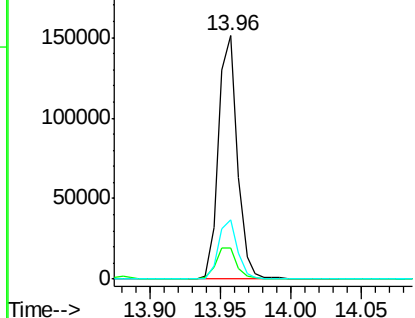


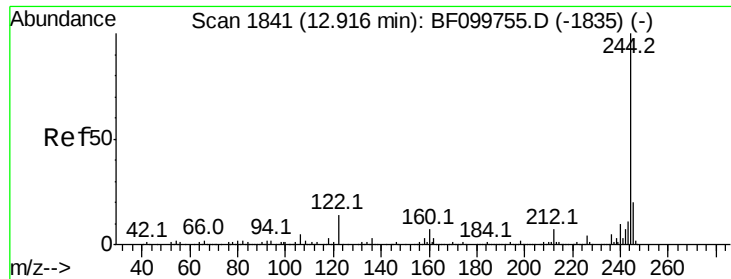
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BF100115.D
Acq: 3 Nov 2017 5:54

Tgt Ion:240 Resp: 141020
Ion Ratio Lower Upper
240 100
120 12.7 9.5 14.3
236 24.3 20.7 31.1



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: 93.303 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF100115.D

Acq: 3 Nov 2017 5:54

Instrument :

BNA_F

ClientSampleId :

EFF-WW

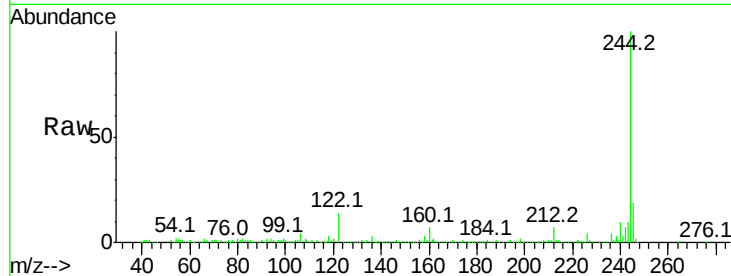
Tot Ion:244 Resp: 602075

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

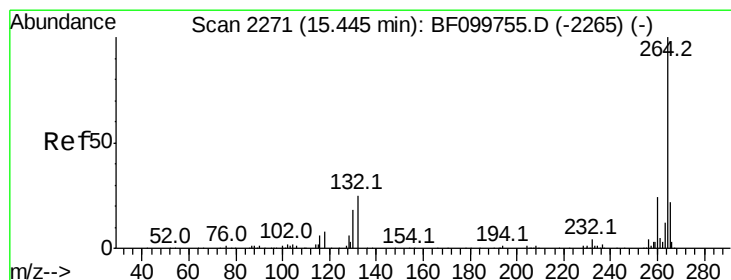
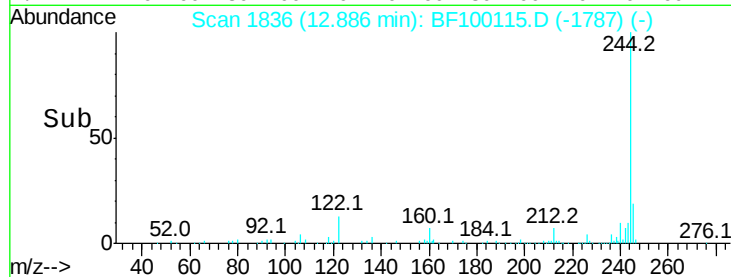
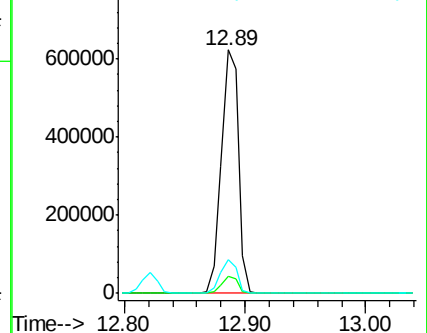
122 13.9 11.0 16.4



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: 15.41 min Scan# 2265

Delta R.T. -0.05 min

Lab File: BF100115.D

Acq: 3 Nov 2017 5:54

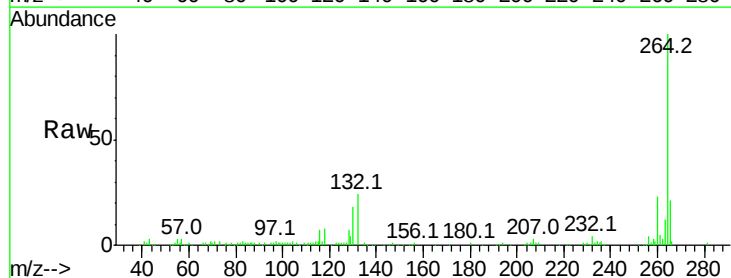
Tgt Ion:264 Resp: 131544

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 21.4 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

