

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
 Data File : BF110872.D
 Acq On : 20 Nov 2018 00:45
 Operator : JU/SJ
 Sample : J5985-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 111518-DBRI-E-U-B

Quant Time: Nov 20 06:19:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

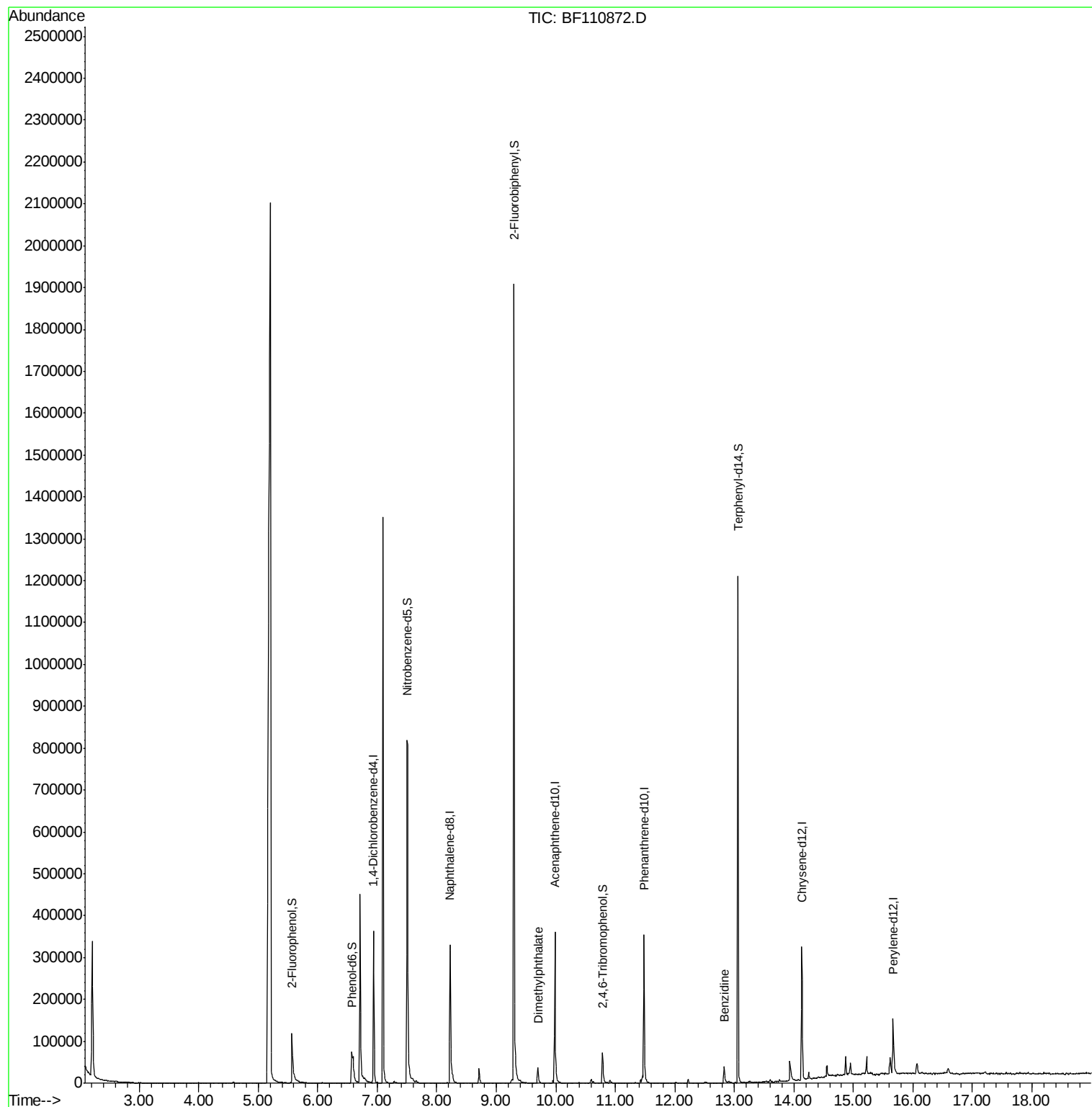
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	52272	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	221548	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	95714	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	155643	20.00	ng	0.00
76) Chrysene-d12	14.13	240	125350	20.00	ng	0.00
87) Perylene-d12	15.67	264	79536	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	62224	19.34	ng	0.00
7) Phenol-d6	6.57	99	48036	11.67	ng	0.00
23) Nitrobenzene-d5	7.50	82	314891	81.85	ng	-0.01
42) 2,4,6-Tribromophenol	10.79	330	14235	14.76	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	631789	94.27	ng	0.00
79) Terphenyl-d14	13.06	244	427086	63.81	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.70	163	26808	3.754	ng	99
77) Benzidine	12.83	184	29960	8.691	ng	96

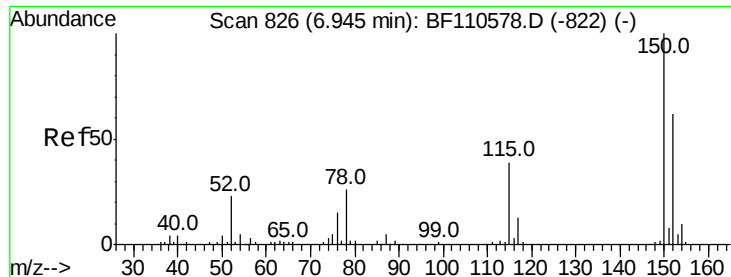
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110872.D
Acq On : 20 Nov 2018 00:45
Operator : JU/SJ
Sample : J5985-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
111518-DBRI-E-U-B

Quant Time: Nov 20 06:19:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration



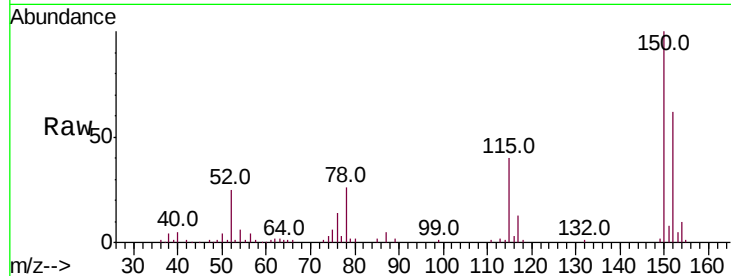


#1

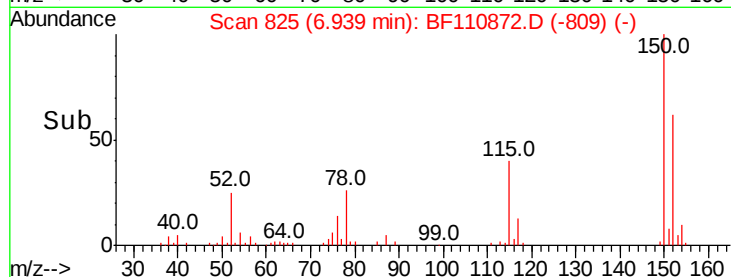
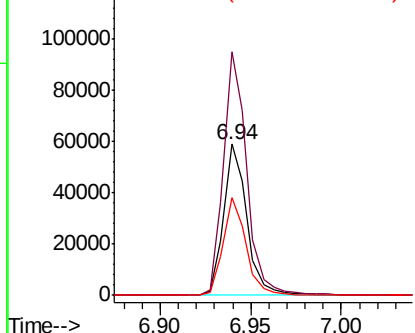
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110872.D
Acq: 20 Nov 2018 00:45

Instrument :
BNA_F
ClientSampleId :
111518-DBRI-E-U-B

Tot Ion:152 Resp: 52272
Ion Ratio Lower Upper
152 100
150 160.9 122.7 184.1
115 64.4 49.1 73.7



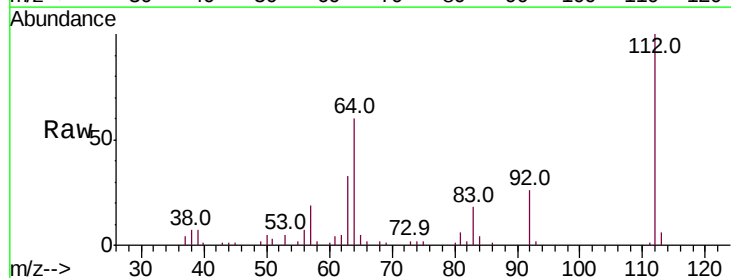
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



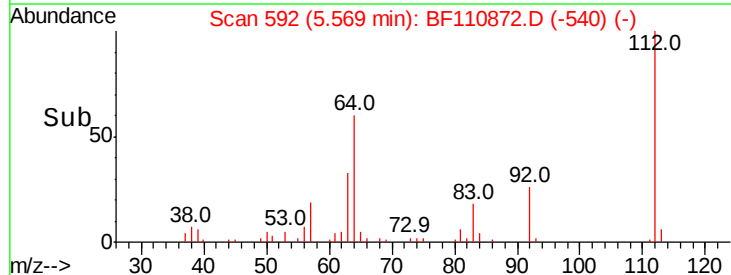
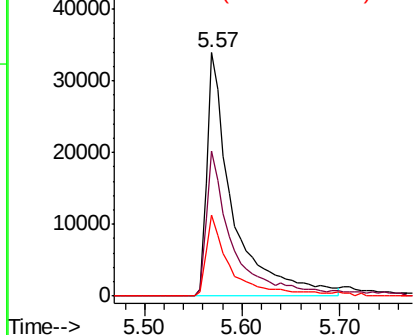
#5

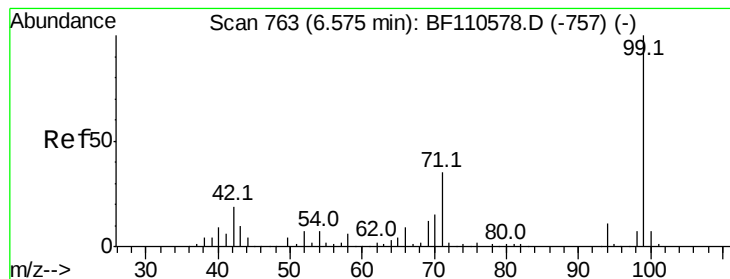
2-Fluorophenol
Concen: 19.336 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110872.D
Acq: 20 Nov 2018 00:45

Tgt Ion:112 Resp: 62224
Ion Ratio Lower Upper
112 100
64 59.7 44.1 66.1
63 33.2 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: 11.673 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.00 min

Lab File: BF110872.D

Acq: 20 Nov 2018 00:45

Instrument :

BNA_F

ClientSampleId :

111518-DBRI-E-U-B

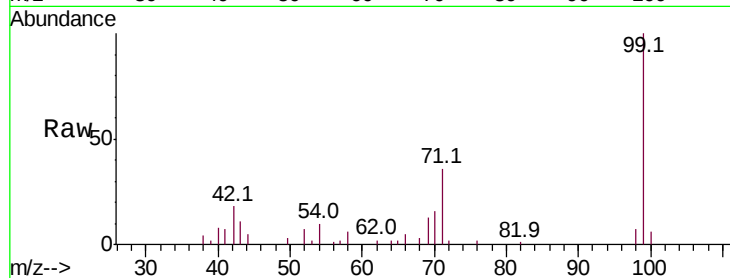
Tot Ion: 99 Resp: 48036

Ion Ratio Lower Upper

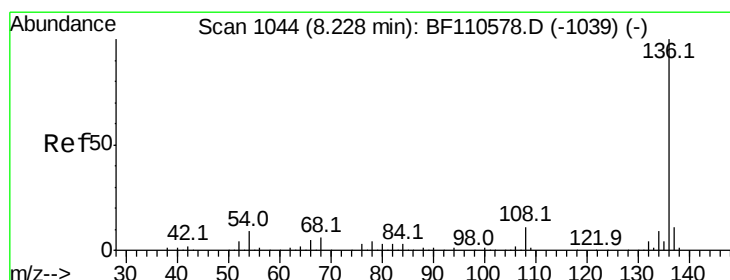
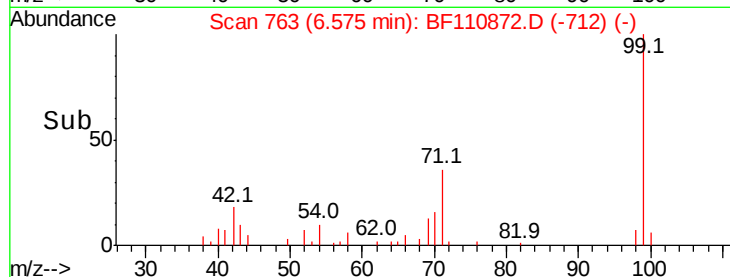
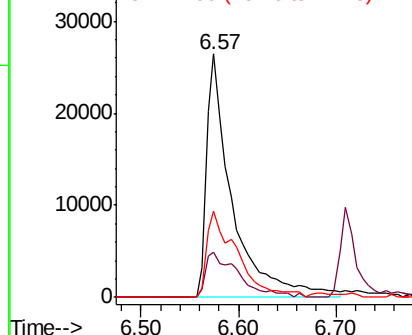
99 100

42 18.5 15.8 23.6

71 35.6 28.0 42.0



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: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110872.D

Acq: 20 Nov 2018 00:45

Tgt Ion: 136 Resp: 221548

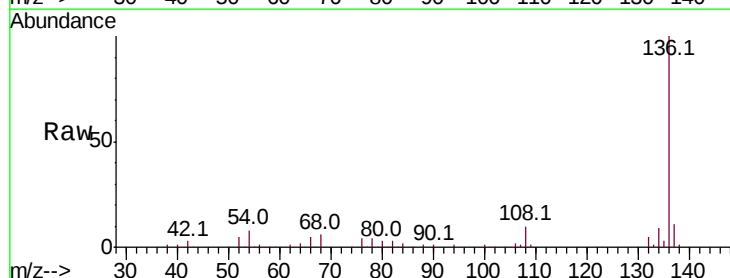
Ion Ratio Lower Upper

136 100

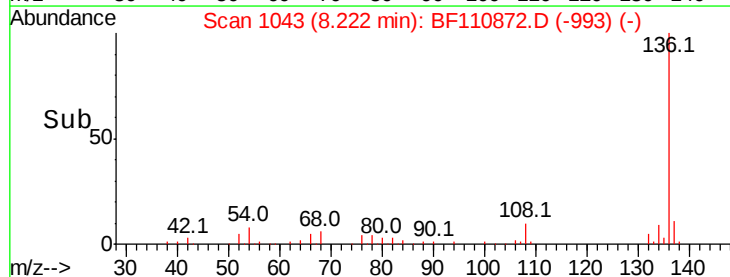
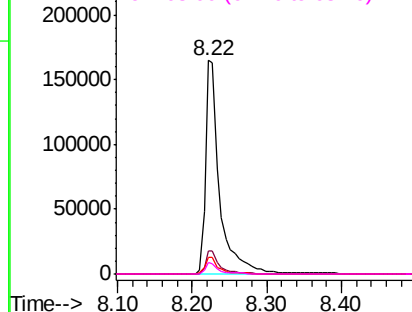
137 10.8 8.8 13.2

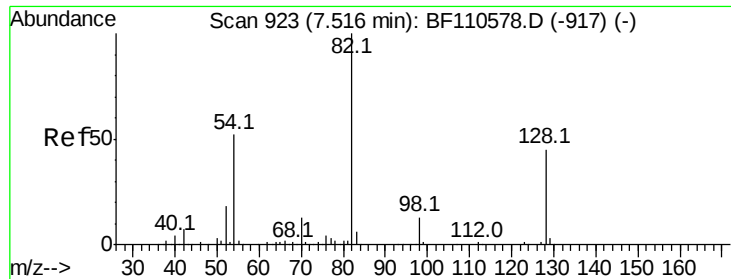
54 8.0 5.4 8.2

68 5.5 4.2 6.2



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

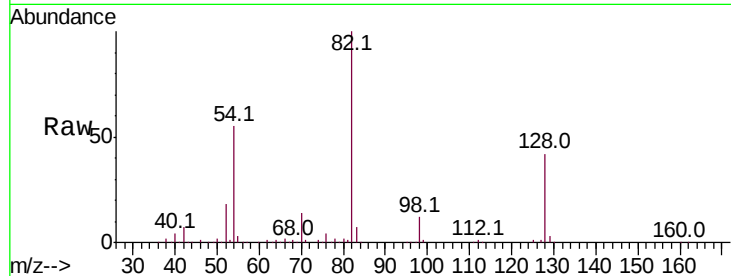




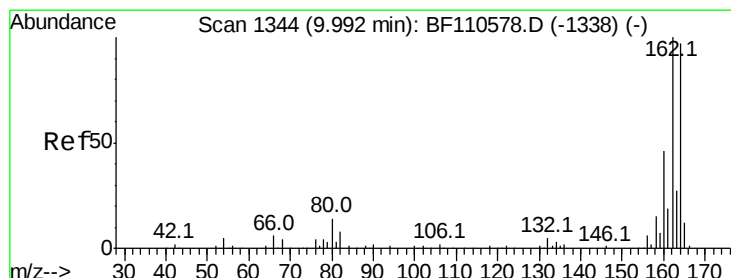
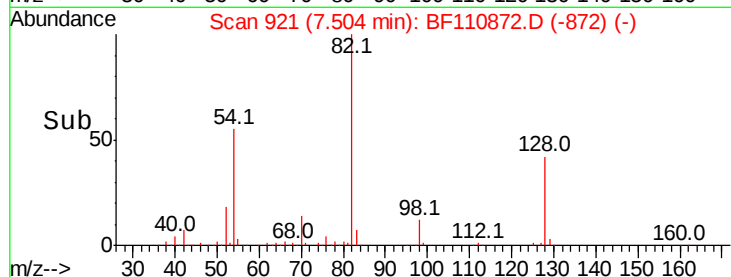
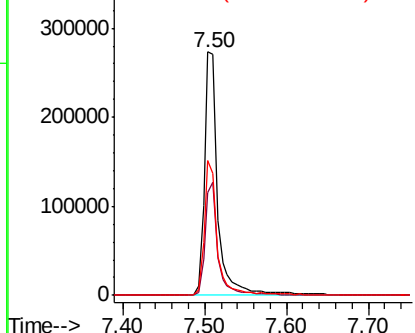
#23
Nitrobenzene-d5
Concen: 81.853 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110872.D
Acq: 20 Nov 2018 00:45

Instrument :
BNA_F
ClientSampleId :
111518-DBRI-E-U-B

Tot Ion: 82 Resp: 314891
Ion Ratio Lower Upper
82 100
128 42.5 34.2 51.2
54 55.4 38.6 58.0

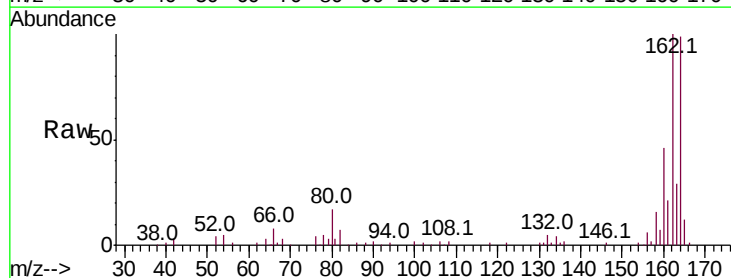


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

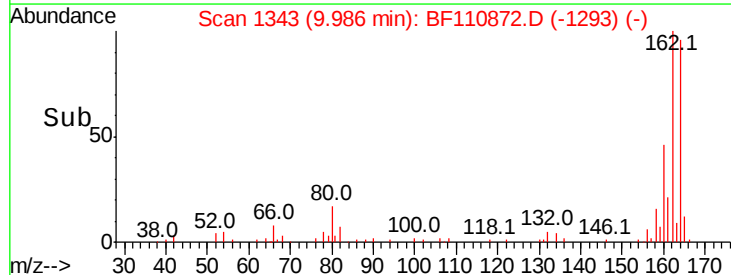
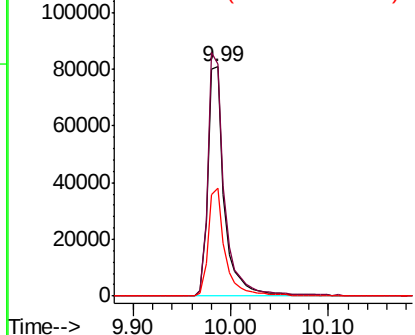


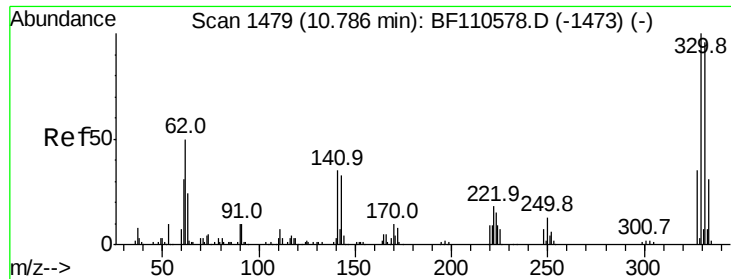
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110872.D
Acq: 20 Nov 2018 00:45

Tgt Ion:164 Resp: 95714
Ion Ratio Lower Upper
164 100
162 101.4 83.0 124.6
160 46.9 37.0 55.6



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

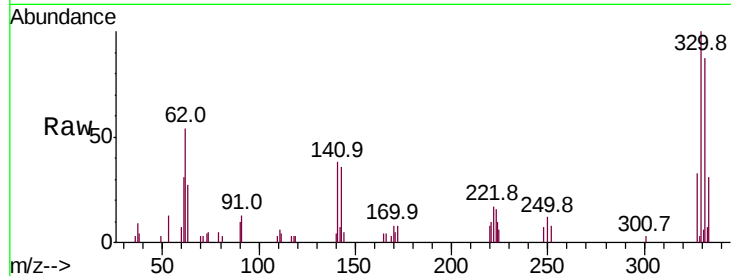




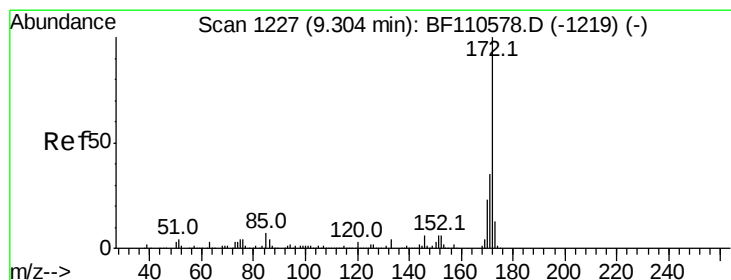
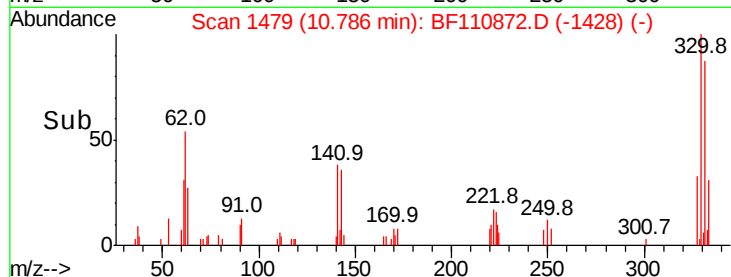
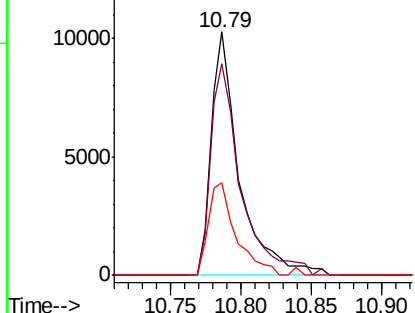
#42
 2,4,6-Tribromophenol
 Concen: 14.760 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: BF110872.D
 Acq: 20 Nov 2018 00:45

Instrument :
 BNA_F
 ClientSampleId :
 111518-DBRI-E-U-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.1	77.1	115.7
141	37.3	27.0	40.4

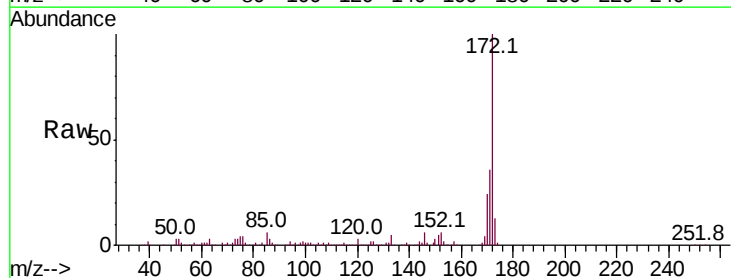


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

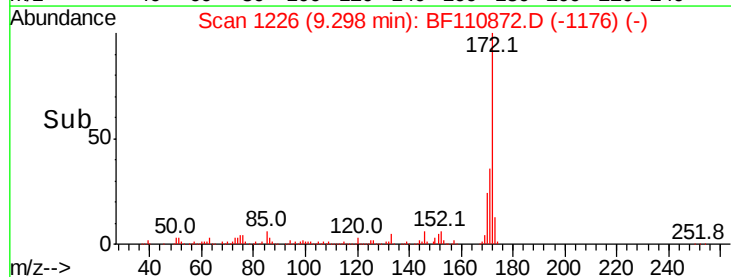
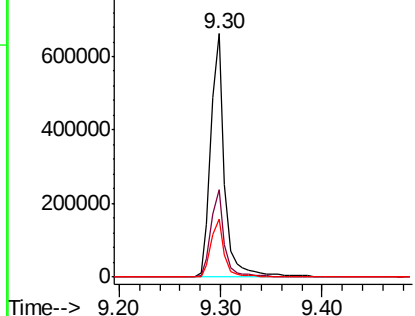


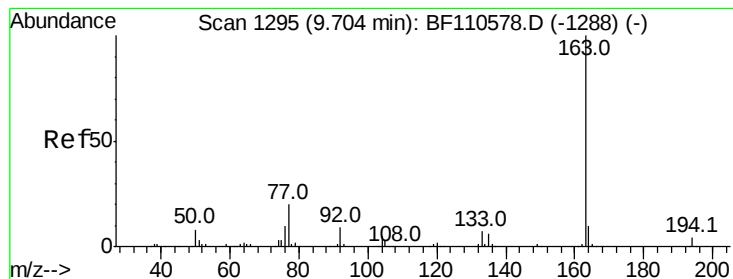
#45
 2-Fluorobiphenyl
 Concen: 94.271 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110872.D
 Acq: 20 Nov 2018 00:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.7	19.7	29.5



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





#50

Dimethylphthalate

Concen: 3.754 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF110872.D

Acq: 20 Nov 2018 00:45

Instrument :

BNA_F

ClientSampleId :

111518-DBRI-E-U-B

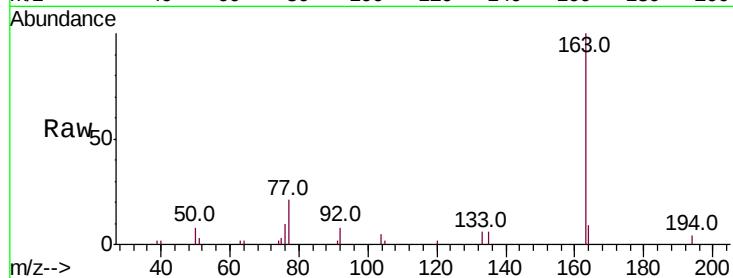
Tot Ion:163 Resp: 26808

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

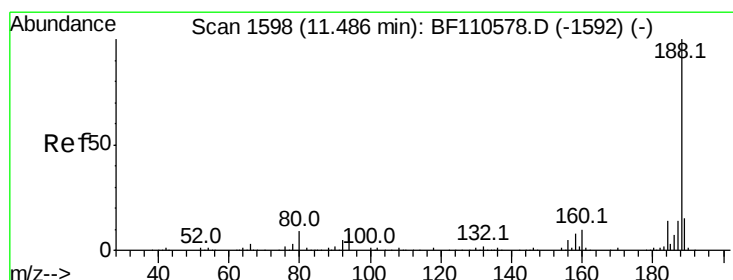
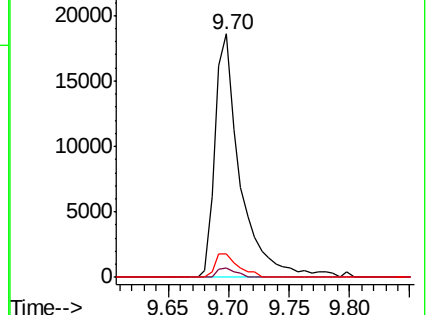
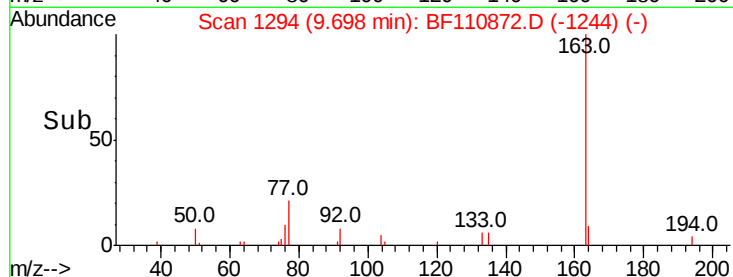
164 9.4 8.1 12.1



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF110872.D

Acq: 20 Nov 2018 00:45

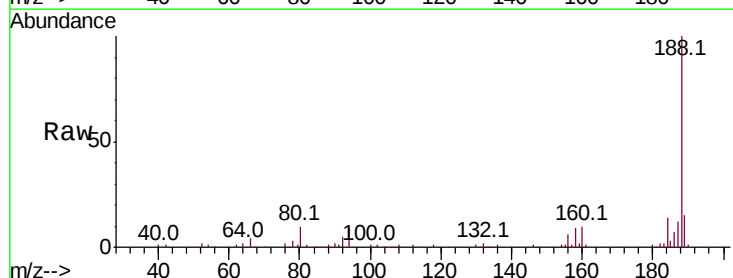
Tgt Ion:188 Resp: 155643

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

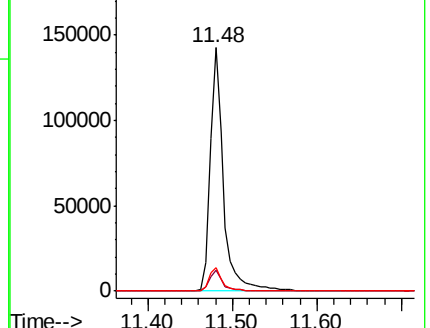
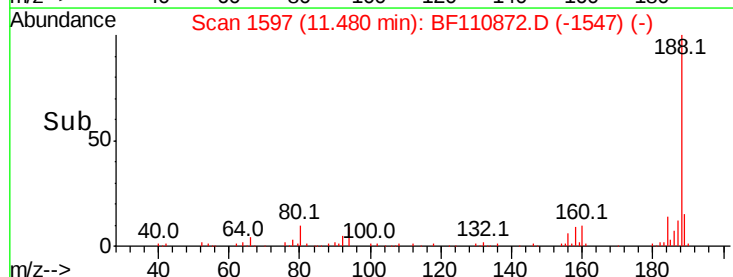
80 9.6 7.9 11.9

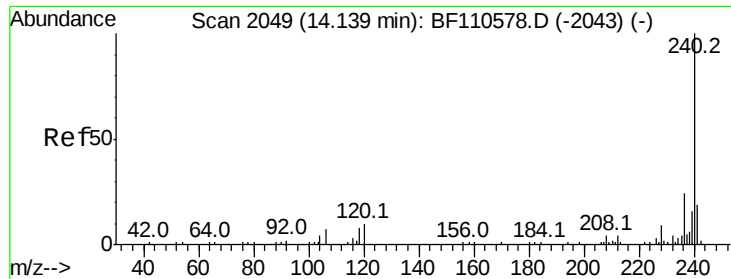


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

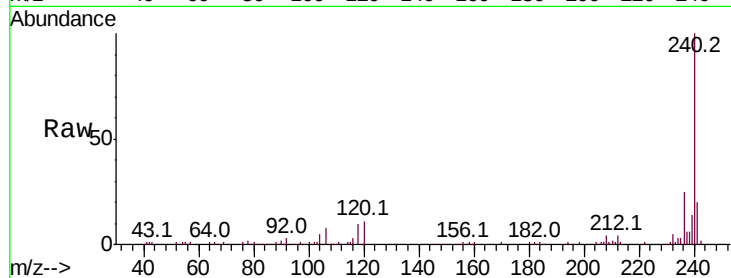




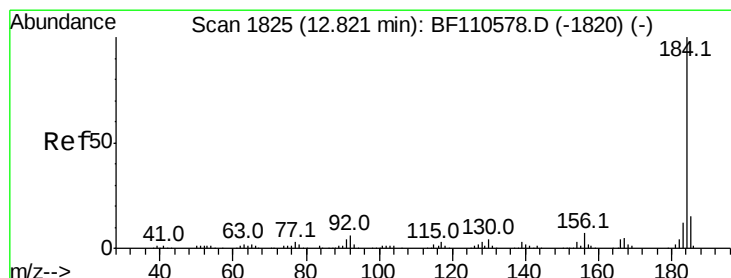
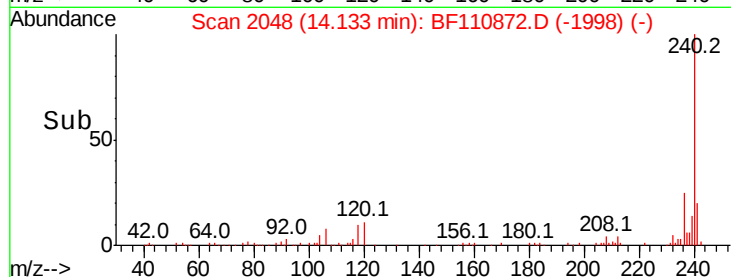
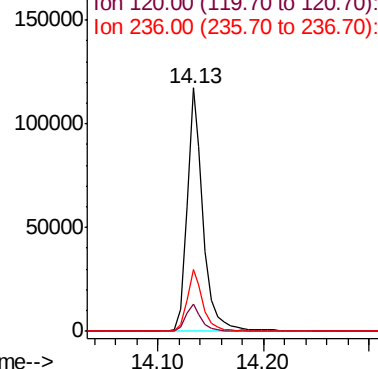
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110872.D
 Acq: 20 Nov 2018 00:45

Instrument :
 BNA_F
 ClientSampleId :
 111518-DBRI-E-U-B

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.3	12.5
236	25.3	21.2	31.8

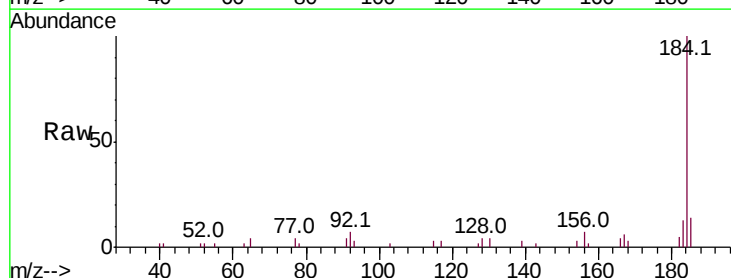


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

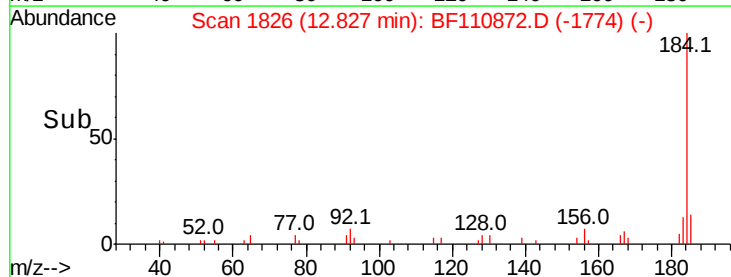
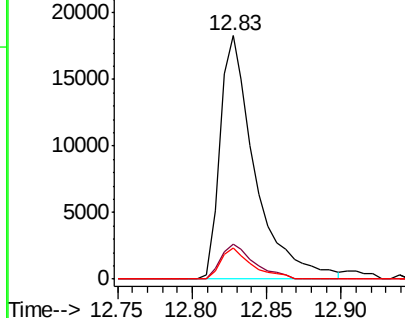


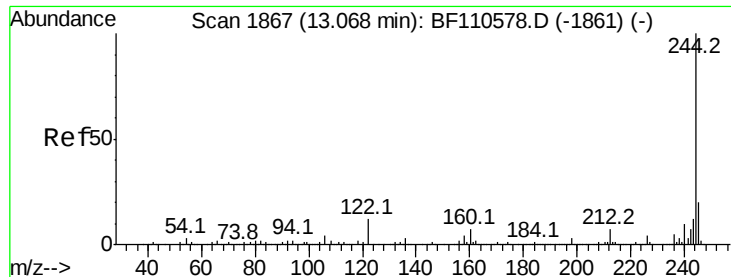
#77
 Benzidine
 Concen: 8.691 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.01 min
 Lab File: BF110872.D
 Acq: 20 Nov 2018 00:45

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	13.4	20.2
183	12.6	9.4	14.2



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 185.00 (184.70 to 185.70): E
 Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 63.808 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110872.D

Acq: 20 Nov 2018 00:45

Instrument :

BNA_F

ClientSampleId :

111518-DBRI-E-U-B

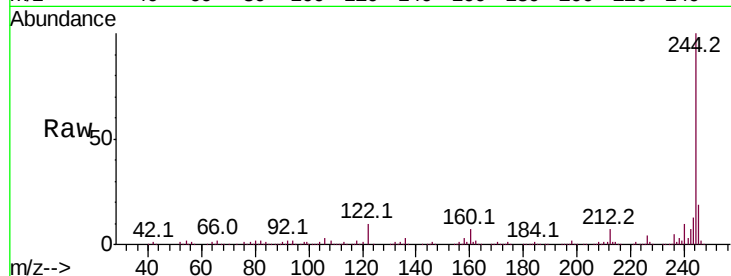
Tot Ion:244 Resp: 427086

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

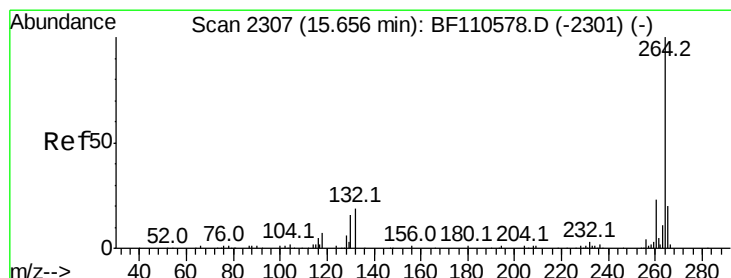
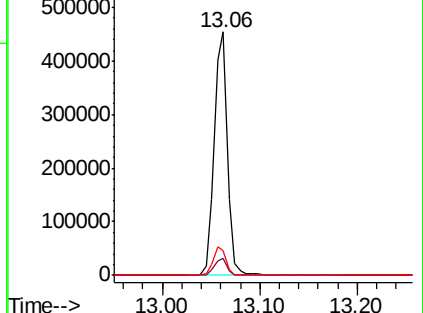
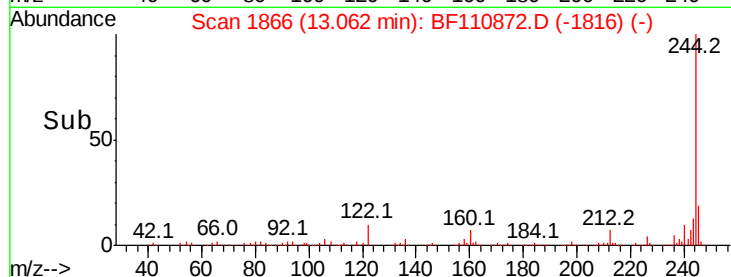
122 10.2 8.7 13.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. 0.01 min

Lab File: BF110872.D

Acq: 20 Nov 2018 00:45

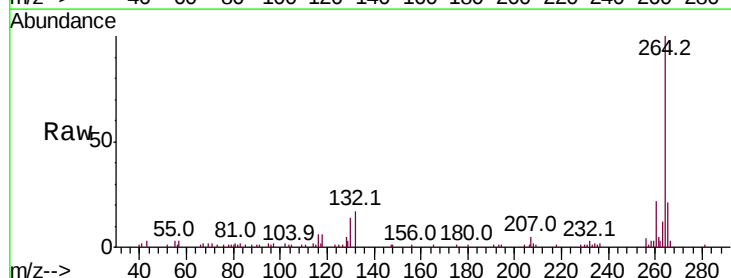
Tgt Ion:264 Resp: 79536

Ion Ratio Lower Upper

264 100

260 21.6 18.7 28.1

265 20.6 16.7 25.1



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

