

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
 Data File : BF109750.D
 Acq On : 10 Oct 2018 18:51
 Operator : JU/SJ
 Sample : J5302-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-4

Quant Time: Oct 10 19:19:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

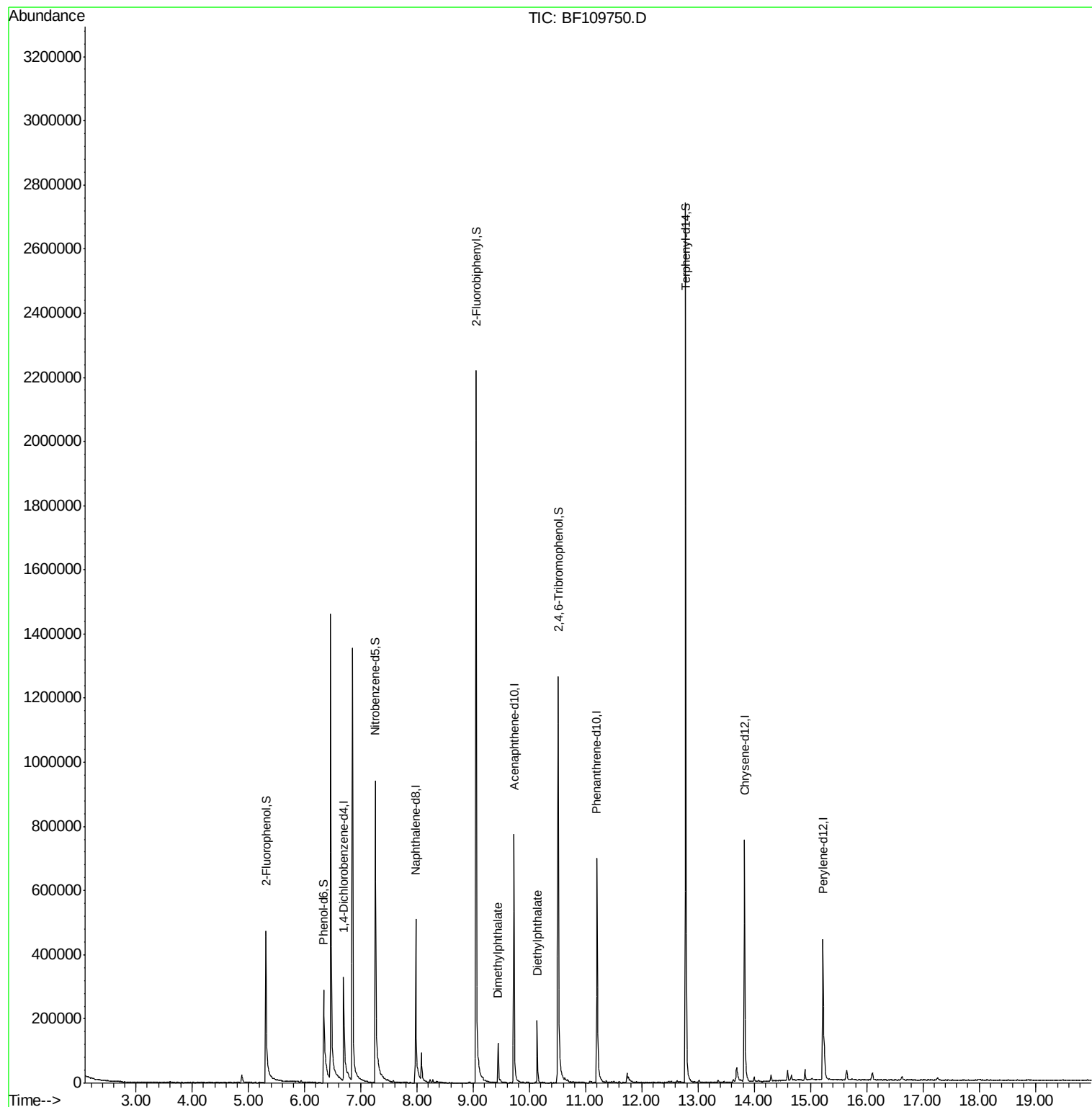
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	81131	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	340408	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	175760	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	362889	20.00	ng	0.00
75) Chrysene-d12	13.83	240	306566	20.00	ng	0.00
86) Perylene-d12	15.22	264	254286	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	238814	52.25	ng	-0.01
7) Phenol-d6	6.34	99	224423	36.76	ng	-0.02
23) Nitrobenzene-d5	7.26	82	486219	78.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	209744	109.52	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	895204	70.15	ng	0.00
78) Terphenyl-d14	12.78	244	1050323	66.32	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.45	163	74002	5.741	ng	98
59) Diethylphthalate	10.14	149	73462	5.752	ng	98

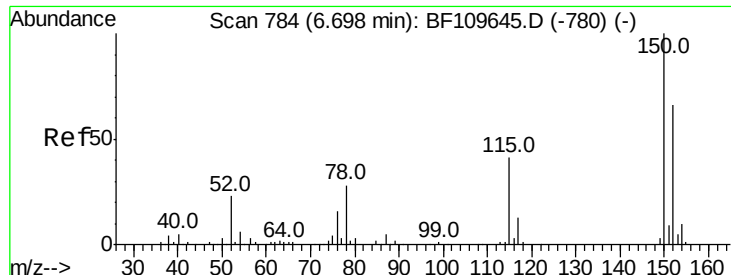
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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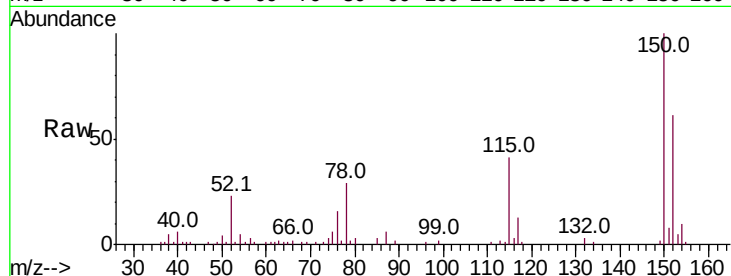


#1

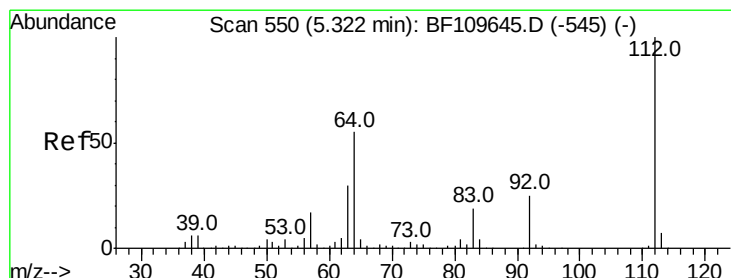
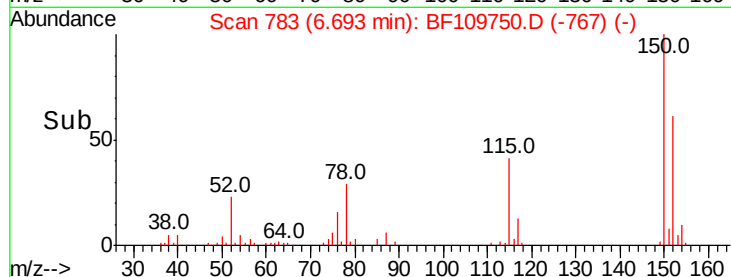
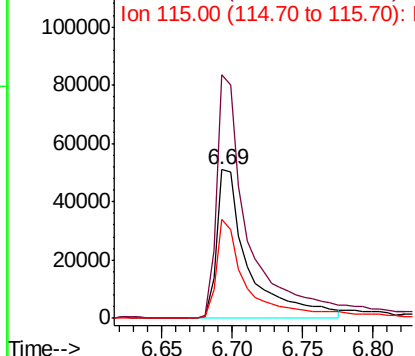
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109750.D
Acq: 10 Oct 2018 18:51

Instrument :
BNA_F
ClientSampleId :
TW-4

Tot Ion:152 Resp: 81131
Ion Ratio Lower Upper
152 100
150 163.9 122.7 184.1
115 66.7 49.1 73.7



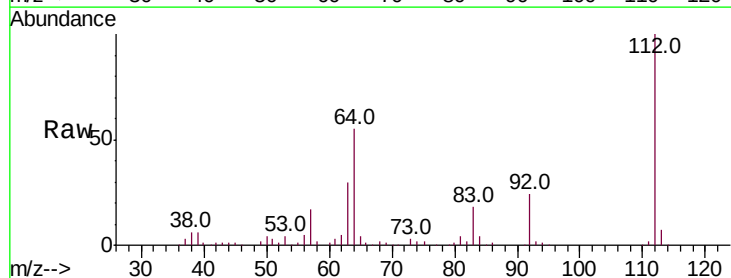
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



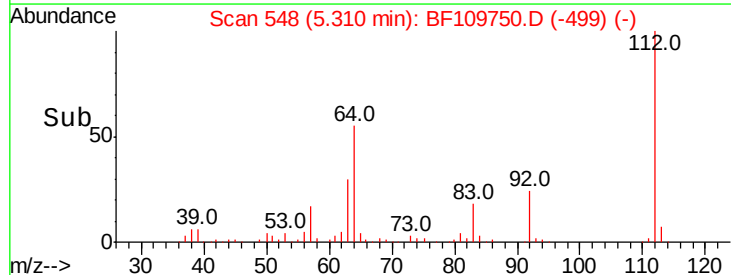
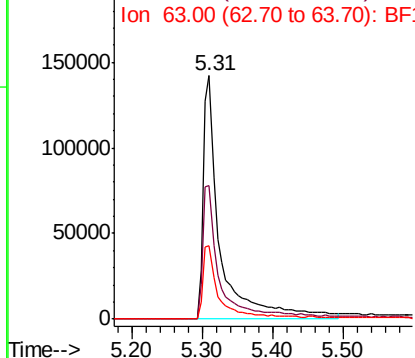
#5

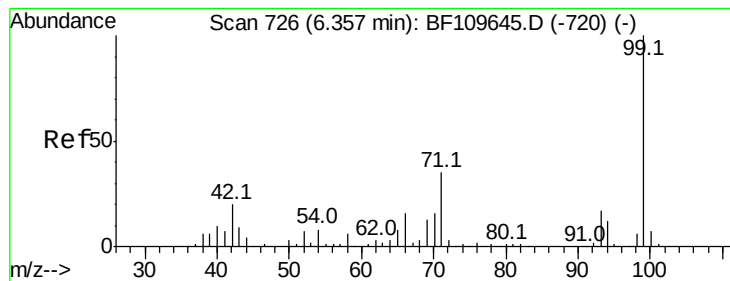
2-Fluorophenol
Concen: 52.249 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109750.D
Acq: 10 Oct 2018 18:51

Tgt Ion:112 Resp: 238814
Ion Ratio Lower Upper
112 100
64 54.7 44.1 66.1
63 29.9 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: 36.755 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109750.D

Acq: 10 Oct 2018 18:51

Instrument :

BNA_F

ClientSampled :

TW-4

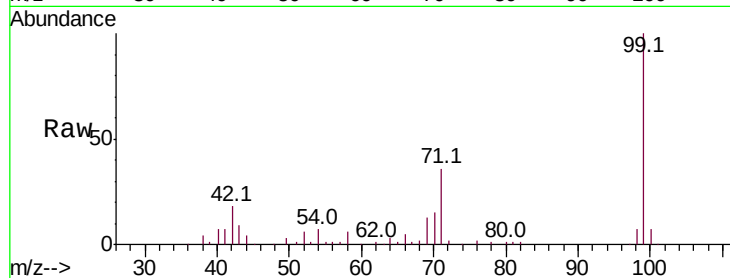
Tot Ion: 99 Resp: 224423

Ion Ratio Lower Upper

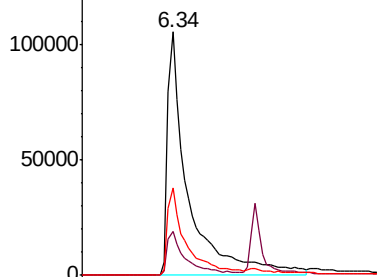
99 100

42 18.1 15.8 23.6

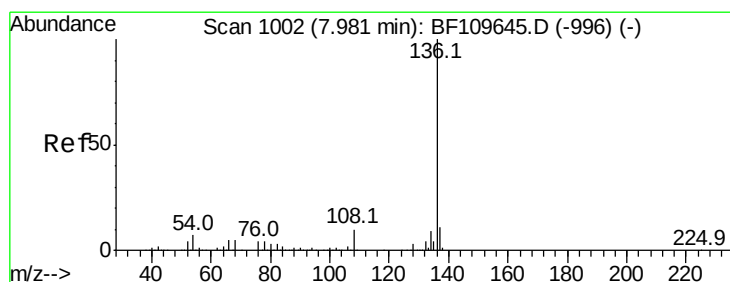
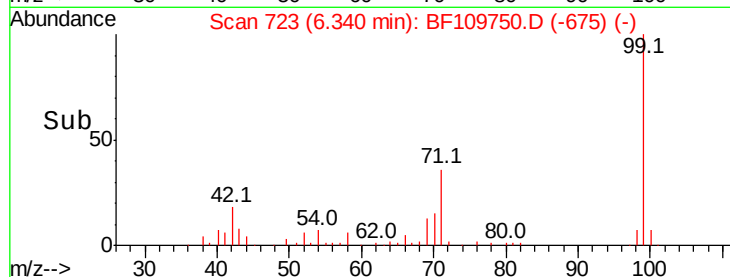
71 35.9 28.0 42.0



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



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109750.D

Acq: 10 Oct 2018 18:51

Tgt Ion: 136 Resp: 340408

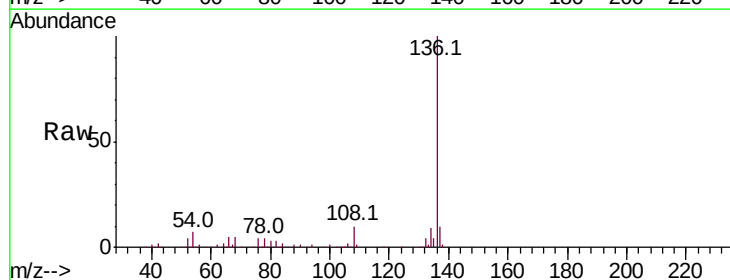
Ion Ratio Lower Upper

136 100

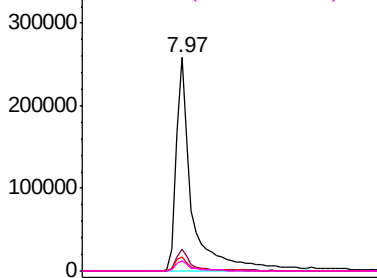
137 10.3 8.8 13.2

54 6.6 5.4 8.2

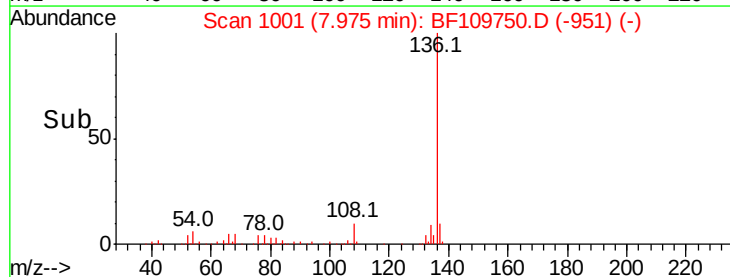
68 4.9 4.2 6.2

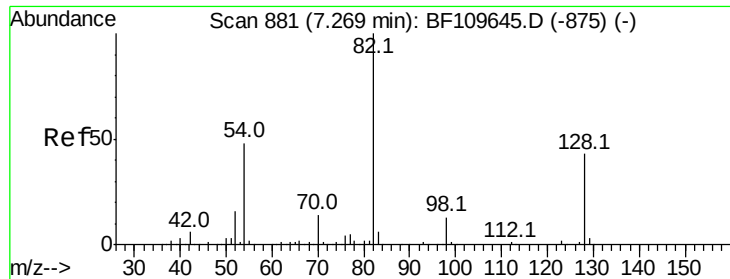


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



Time-->

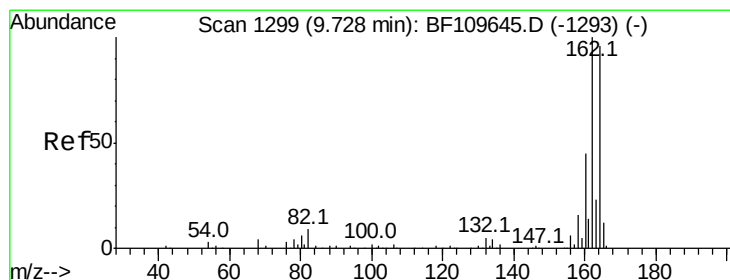
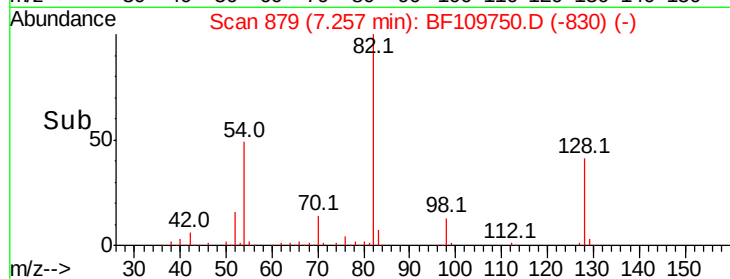
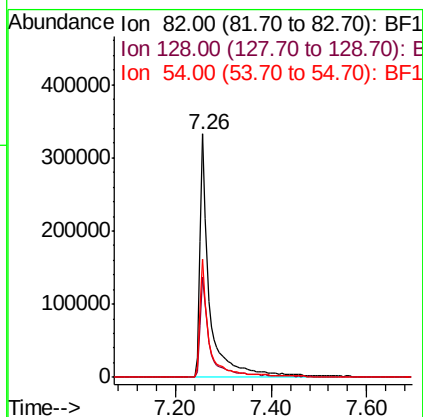
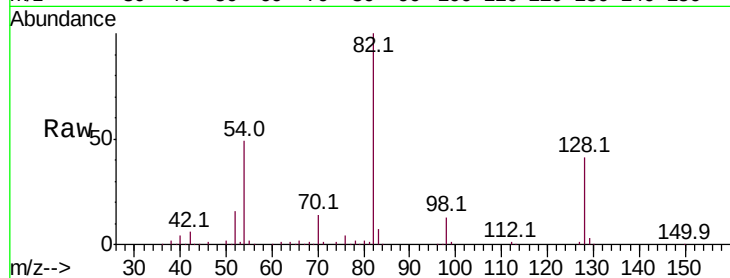




#23
Nitrobenzene-d5
Concen: 78.735 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109750.D
Acq: 10 Oct 2018 18:51

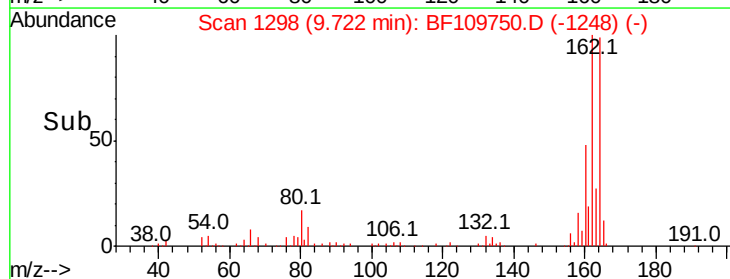
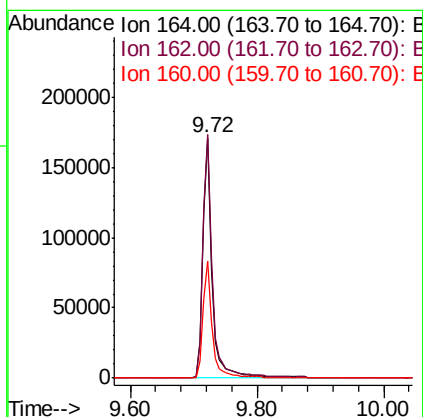
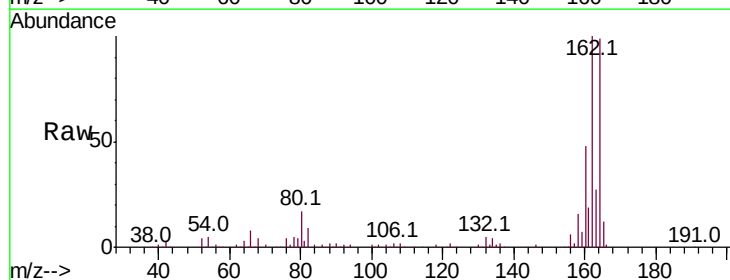
Instrument :
BNA_F
ClientSampleId :
TW-4

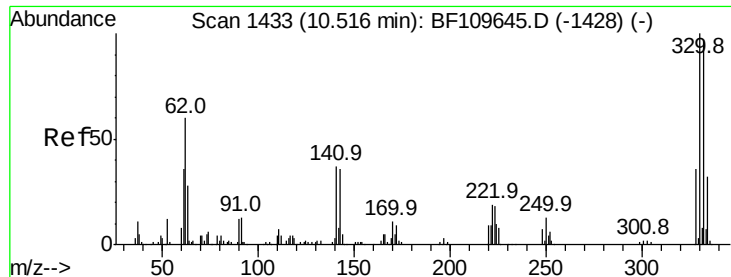
Tot Ion: 82 Resp: 486219
Ion Ratio Lower Upper
82 100
128 41.3 34.2 51.2
54 48.7 38.6 58.0



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109750.D
Acq: 10 Oct 2018 18:51

Tgt Ion: 164 Resp: 175760
Ion Ratio Lower Upper
164 100
162 101.3 83.0 124.6
160 48.7 37.0 55.6





#41

2,4,6-Tribromophenol

Concen: 109.521 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF109750.D

Acq: 10 Oct 2018 18:51

Instrument :

BNA_F

ClientSampleId :

TW-4

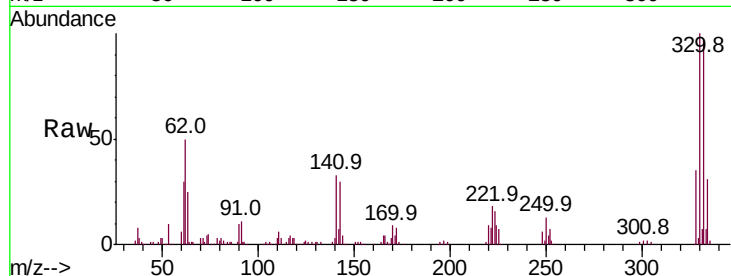
Tot Ion:330 Resp: 209744

Ion Ratio Lower Upper

330 100

332 95.1 77.1 115.7

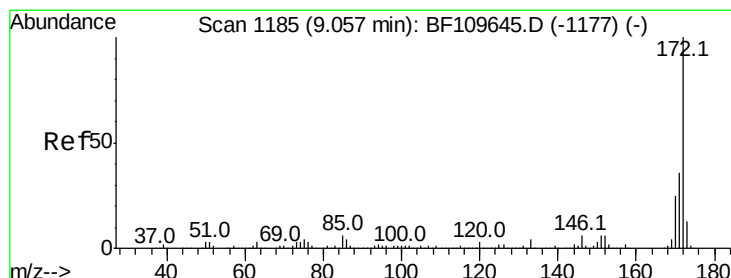
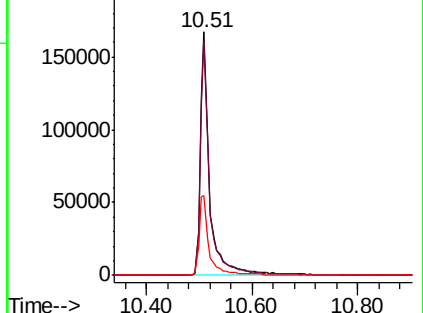
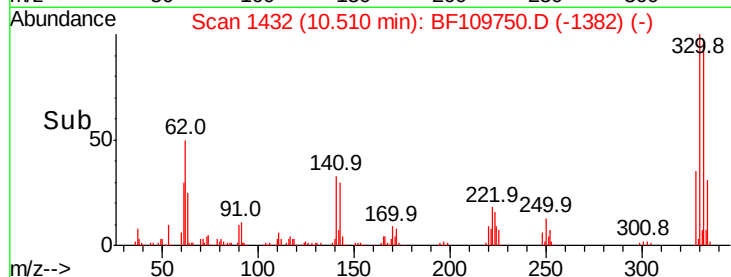
141 35.0 27.0 40.4



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



#44

2-Fluorobiphenyl

Concen: 70.148 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF109750.D

Acq: 10 Oct 2018 18:51

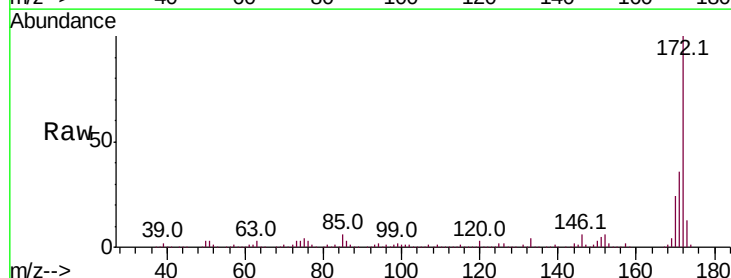
Tgt Ion:172 Resp: 895204

Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

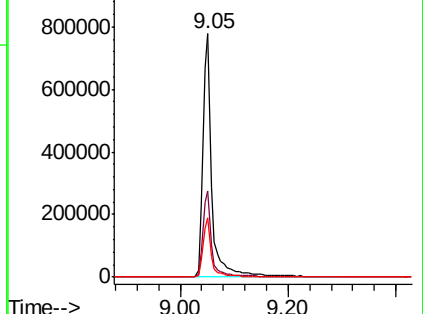
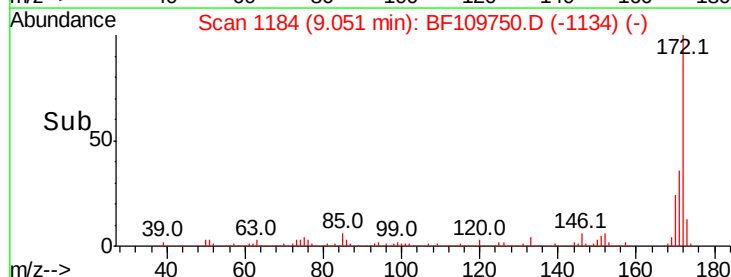
170 24.5 19.7 29.5

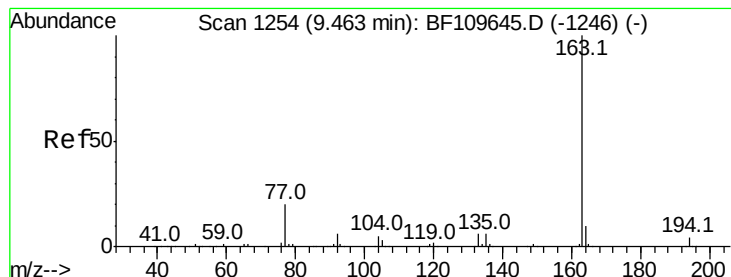


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 5.741 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.02 min

Lab File: BF109750.D

Acq: 10 Oct 2018 18:51

Instrument :

BNA_F

ClientSampleId :

TW-4

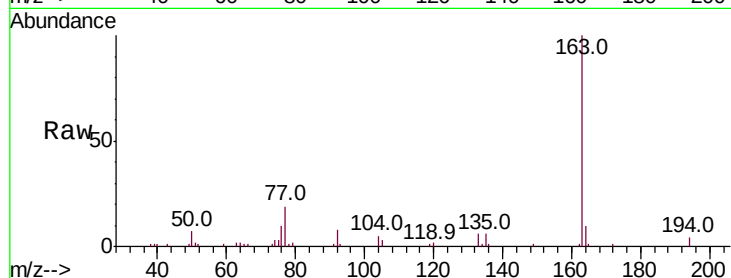
Tot Ion:163 Resp: 74002

Ion Ratio Lower Upper

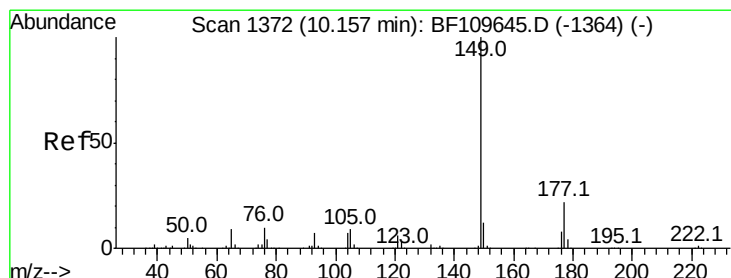
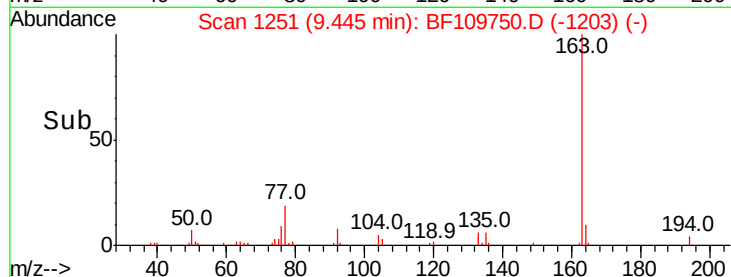
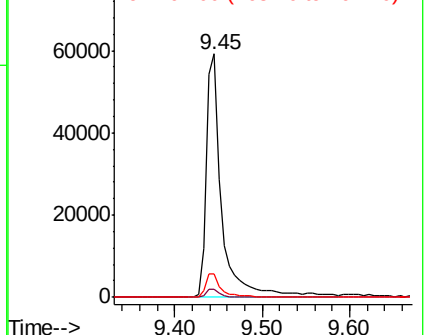
163 100

194 3.5 3.2 4.8

164 9.5 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



#59

Diethylphthalate

Concen: 5.752 ng

RT: 10.14 min Scan# 1369

Delta R.T. -0.02 min

Lab File: BF109750.D

Acq: 10 Oct 2018 18:51

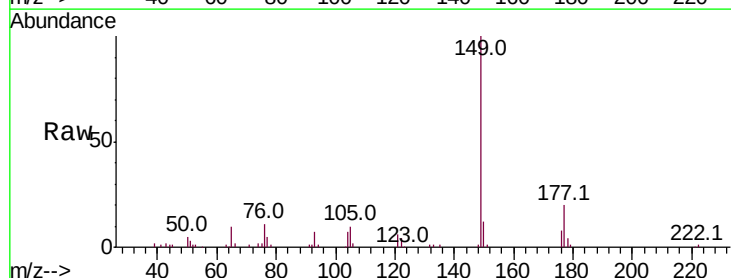
Tgt Ion:149 Resp: 73462

Ion Ratio Lower Upper

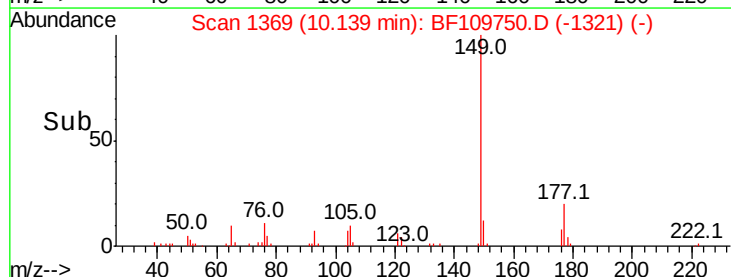
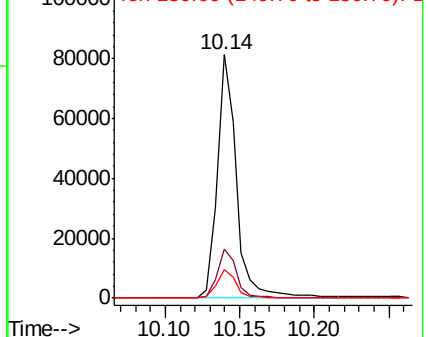
149 100

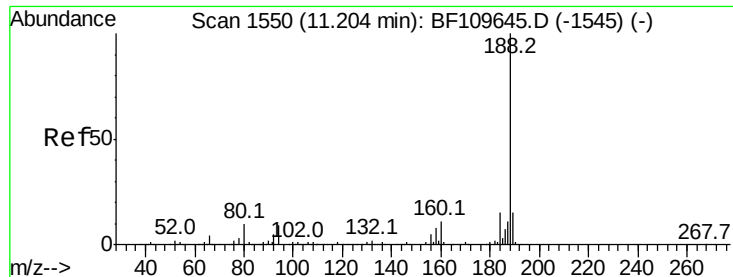
177 20.3 17.4 26.2

150 11.9 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

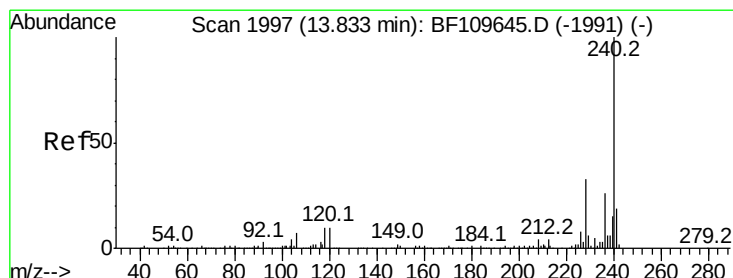
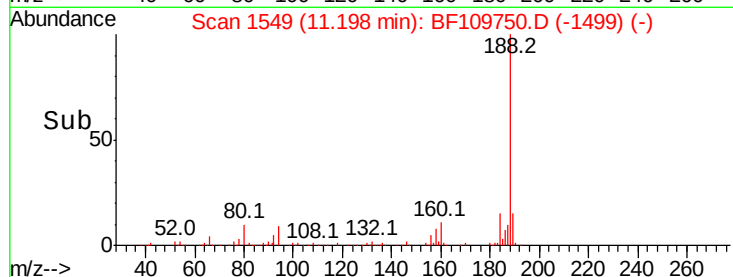
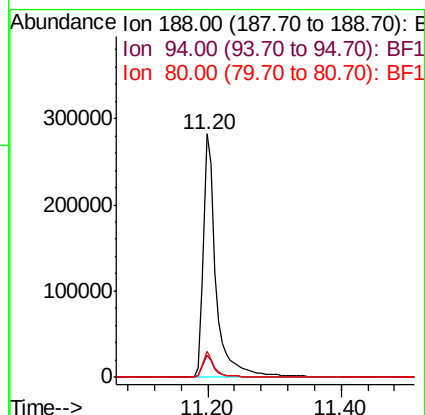
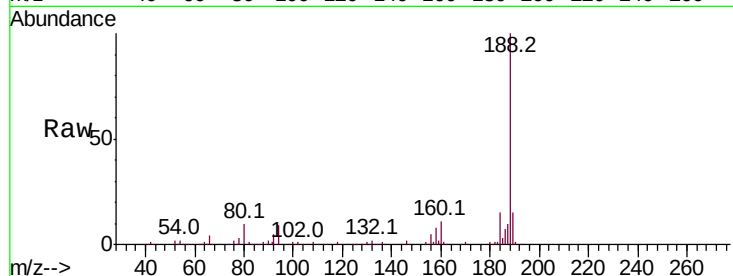




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109750.D
Acq: 10 Oct 2018 18:51

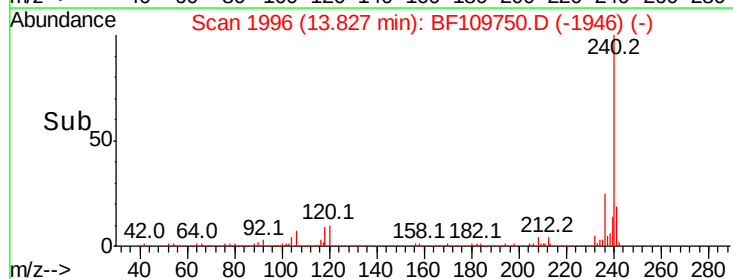
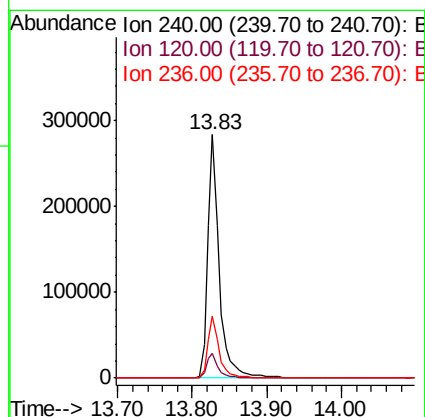
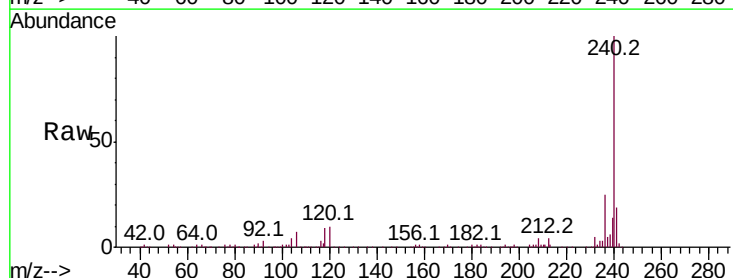
Instrument :
BNA_F
ClientSampleId :
TW-4

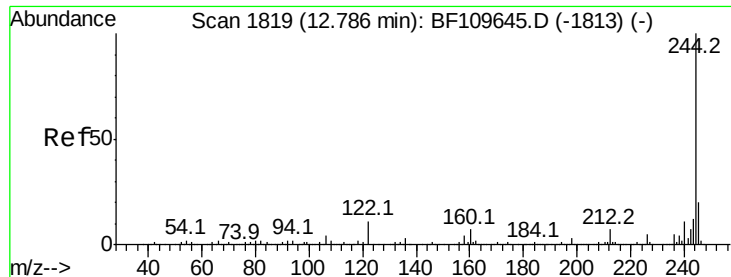
Tot Ion:188 Resp: 362889
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 10.5 7.9 11.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109750.D
Acq: 10 Oct 2018 18:51

Tgt Ion:240 Resp: 306566
Ion Ratio Lower Upper
240 100
120 10.0 8.3 12.5
236 25.3 21.2 31.8





#78

Terphenyl-d14

Concen: 66.324 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109750.D

Acq: 10 Oct 2018 18:51

Instrument :

BNA_F

ClientSampleId :

TW-4

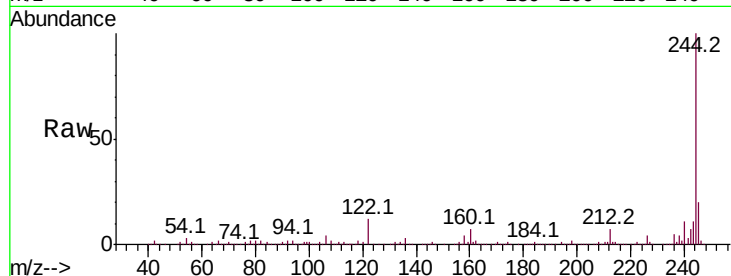
Tot Ion:244 Resp: 1050323

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

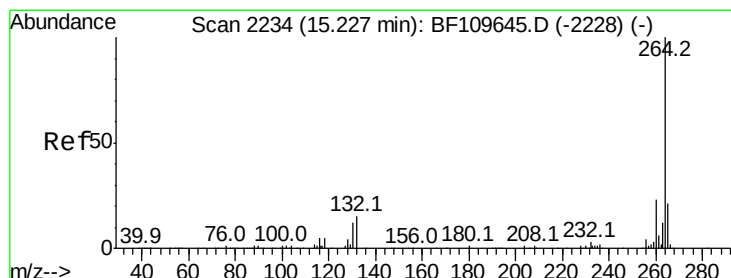
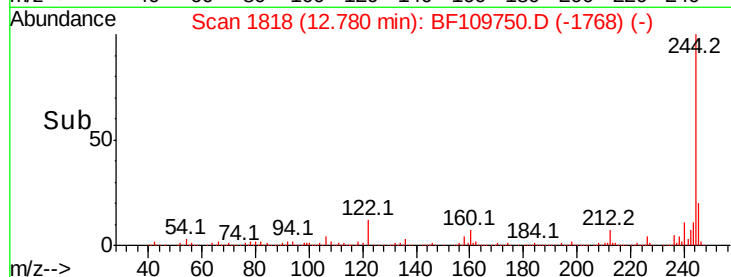
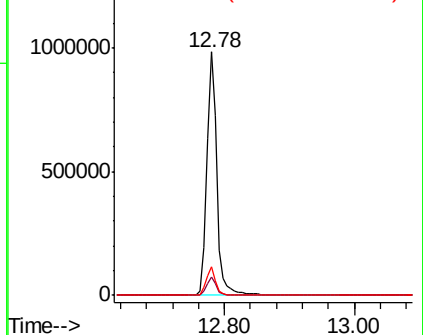
122 11.6 8.7 13.1



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF109750.D

Acq: 10 Oct 2018 18:51

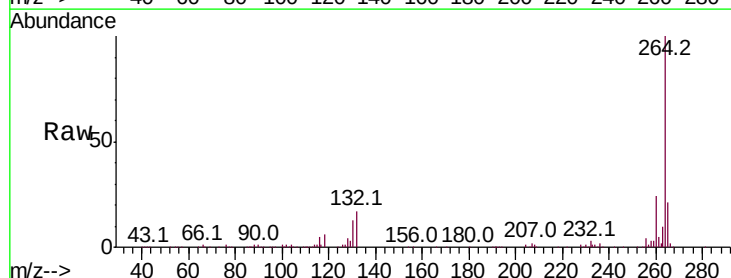
Tgt Ion:264 Resp: 254286

Ion Ratio Lower Upper

264 100

260 24.5 18.7 28.1

265 21.4 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

