

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
 Data File : BF110862.D
 Acq On : 19 Nov 2018 19:20
 Operator : JU/SJ
 Sample : J5993-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20180927-WCC-3-COMPOSITE

Quant Time: Nov 20 04:26:44 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

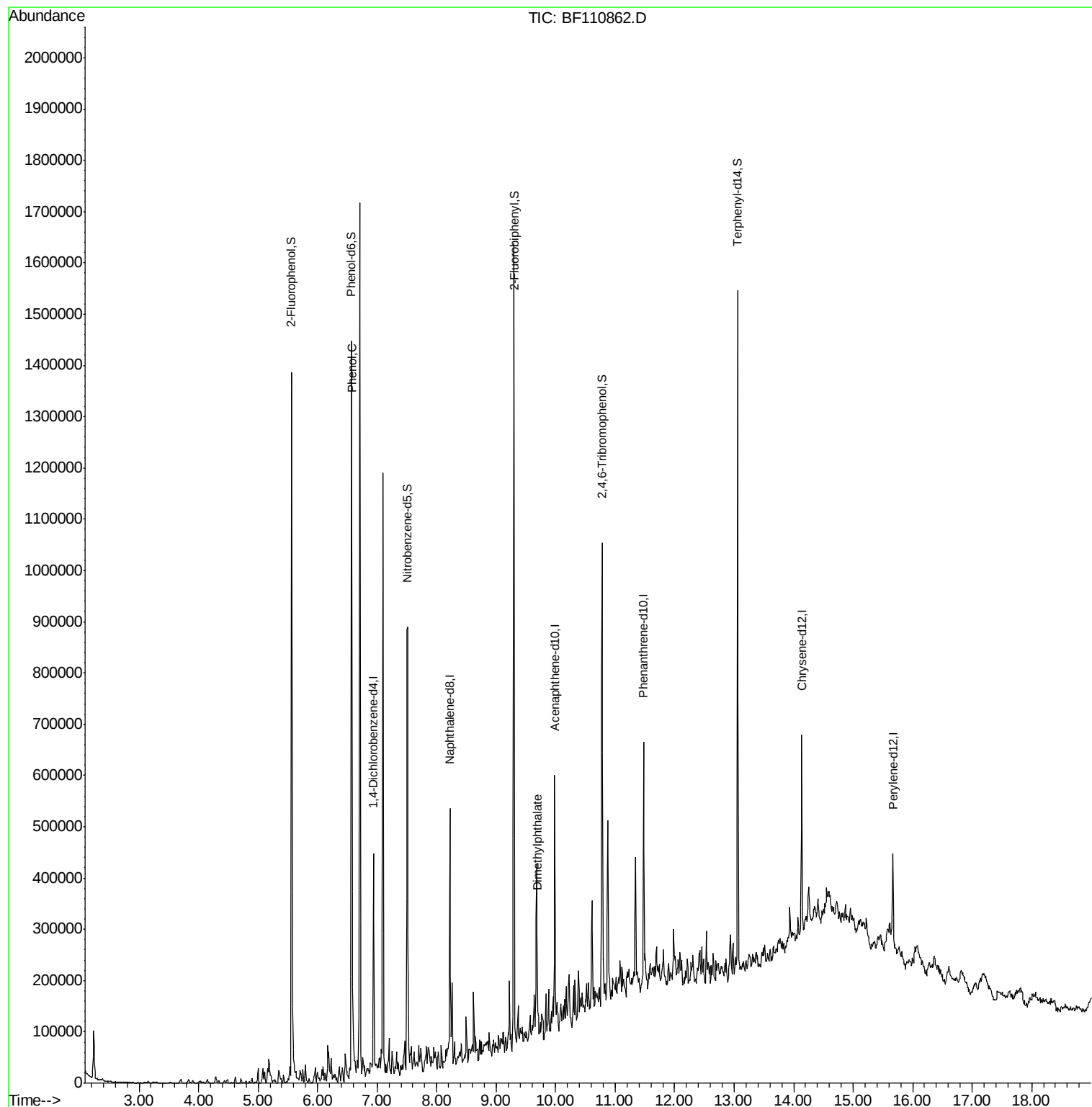
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	59651	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	240619	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	104232	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	165820	20.00	ng	0.00
76) Chrysene-d12	14.13	240	124669	20.00	ng	0.00
87) Perylene-d12	15.67	264	88607	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	422938	115.17	ng	0.00
7) Phenol-d6	6.57	99	526234	112.06	ng	0.00
23) Nitrobenzene-d5	7.51	82	310401	74.29	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	104056	99.08	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	491304	67.32	ng	0.00
79) Terphenyl-d14	13.06	244	405857	60.97	ng	0.00
Target Compounds						
10) Phenol	6.58	94	26608	4.886	ng	81
50) Dimethylphthalate	9.69	163	34988	4.499	ng	98

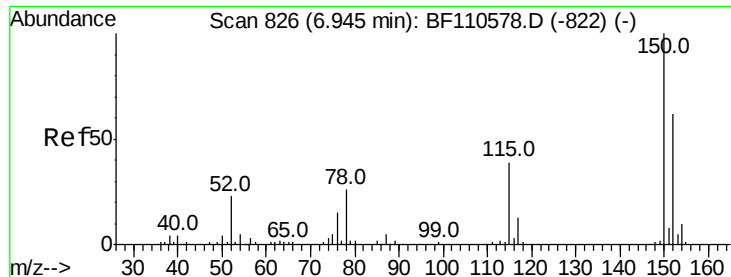
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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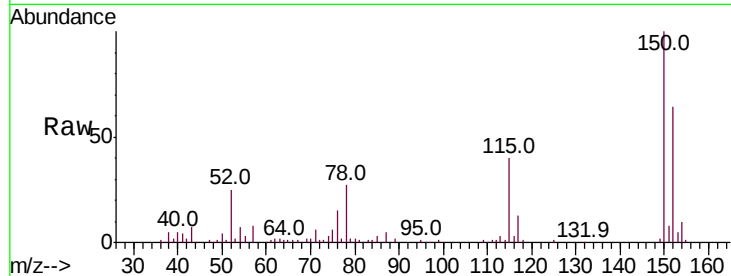


#1

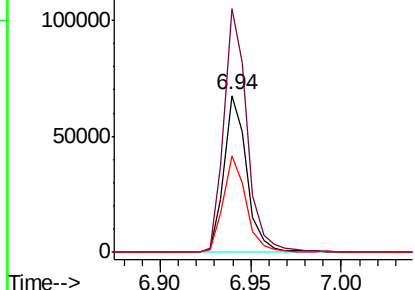
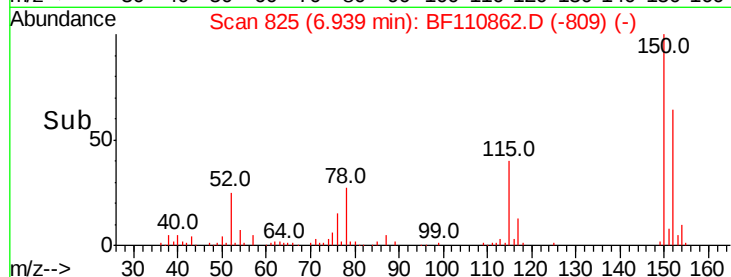
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110862.D
Acq: 19 Nov 2018 19:20

Instrument :
BNA_F
ClientSampleId :
20180927-WCC-3-COMPOSITE

Tot Ion:152 Resp: 59651
Ion Ratio Lower Upper
152 100
150 155.3 122.7 184.1
115 61.8 49.1 73.7



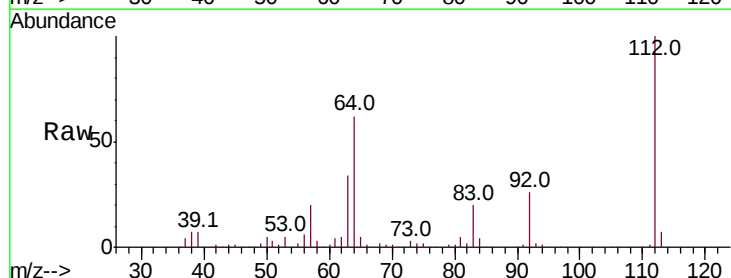
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



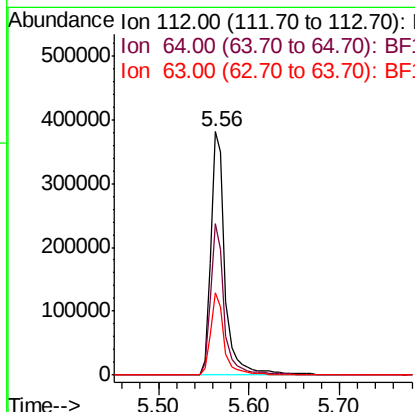
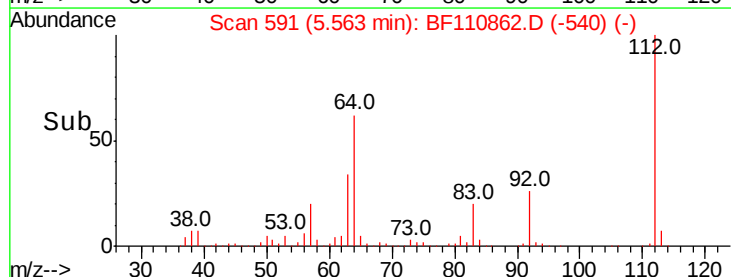
#5

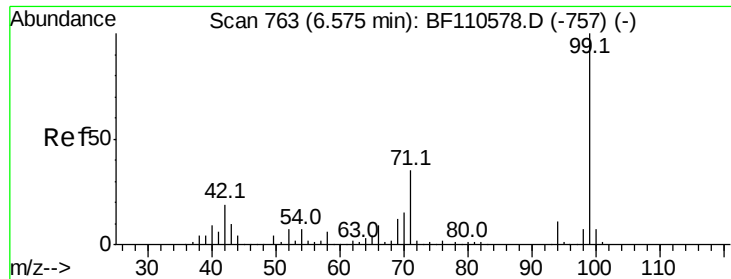
2-Fluorophenol
Concen: 115.167 ng
RT: 5.56 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF110862.D
Acq: 19 Nov 2018 19:20

Tgt Ion:112 Resp: 422938
Ion Ratio Lower Upper
112 100
64 62.2 44.1 66.1
63 33.9 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: 112.058 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110862.D

Acq: 19 Nov 2018 19:20

Instrument :

BNA_F

ClientSampleId :

20180927-WCC-3-COMPOSITE

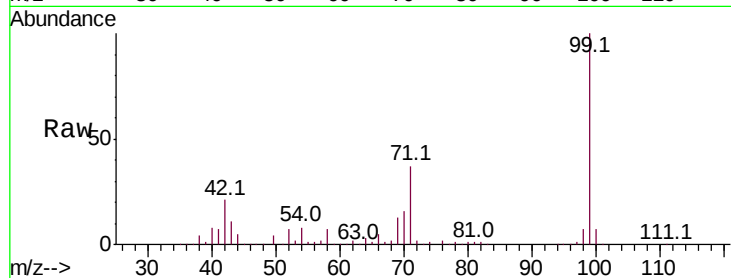
Tot Ion: 99 Resp: 526234

Ion Ratio Lower Upper

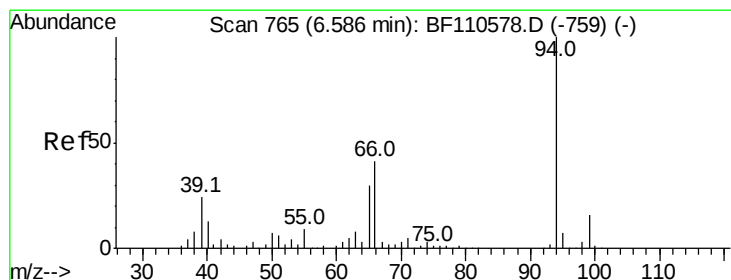
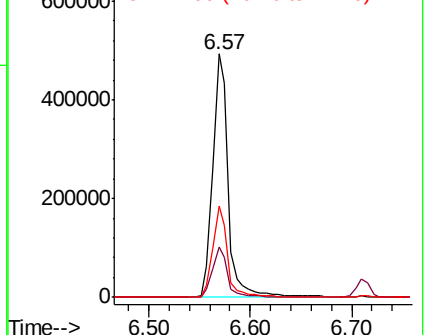
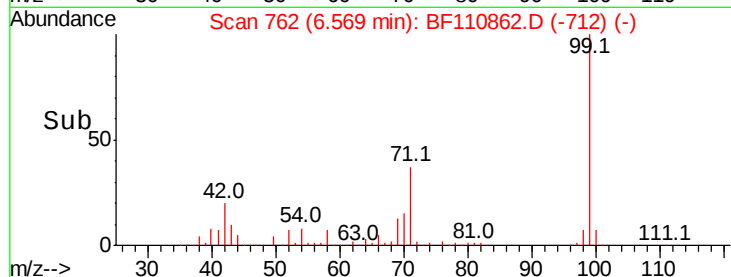
99 100

42 20.6 15.8 23.6

71 37.3 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



#10

Phenol

Concen: 4.886 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110862.D

Acq: 19 Nov 2018 19:20

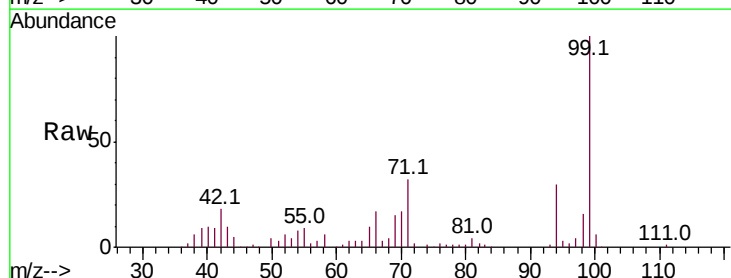
Tgt Ion: 94 Resp: 26608

Ion Ratio Lower Upper

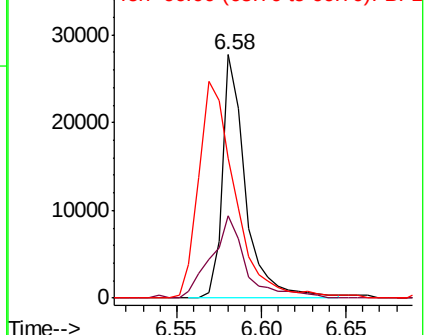
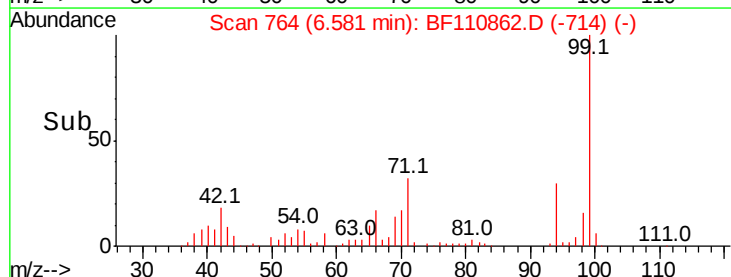
94 100

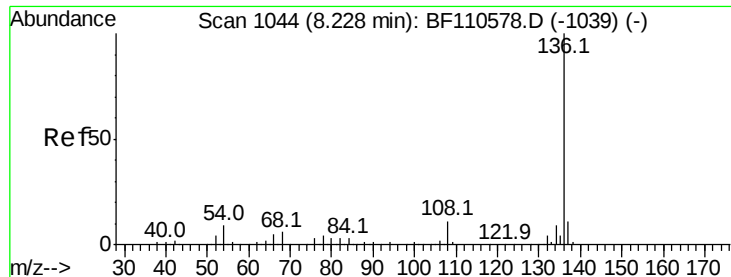
65 33.8 25.3 65.3

66 57.5 54.5 94.5



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110862.D

Acq: 19 Nov 2018 19:20

Instrument :

BNA_F

ClientSampleId :

20180927-WCC-3-COMPOSITE

Tot Ion:136 Resp: 240619

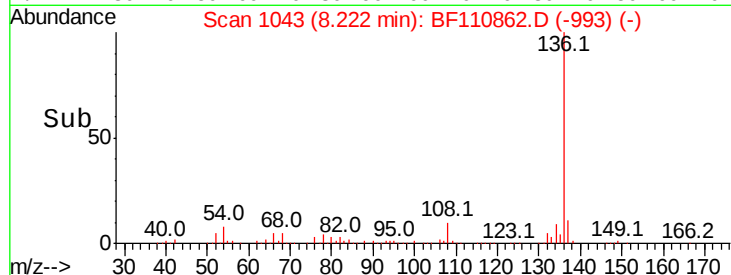
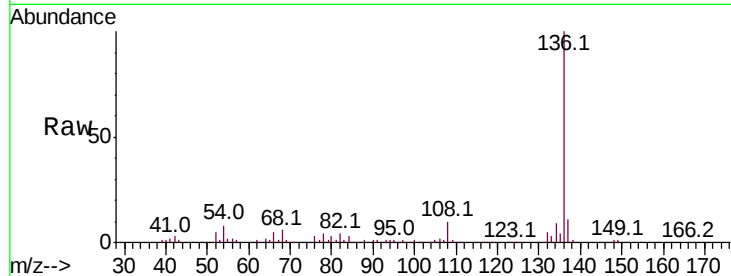
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 8.2 5.4 8.2#

68 5.7 4.2 6.2

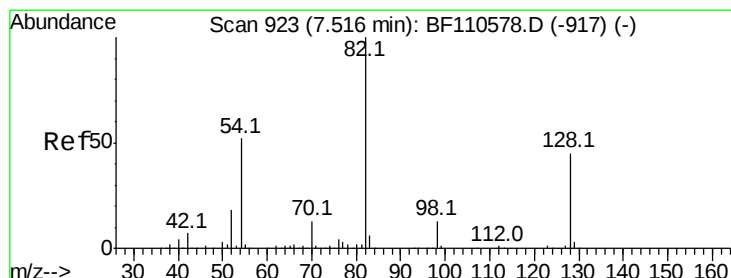
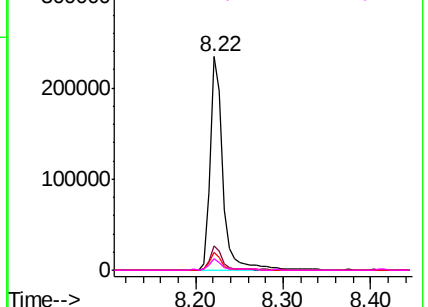


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.291 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF110862.D

Acq: 19 Nov 2018 19:20

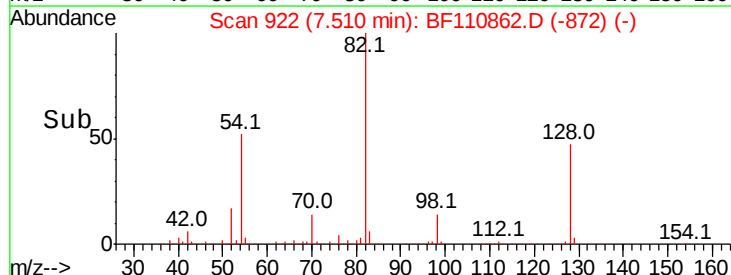
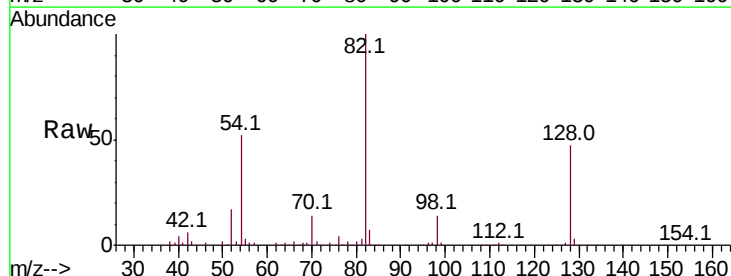
Tgt Ion: 82 Resp: 310401

Ion Ratio Lower Upper

82 100

128 47.4 34.2 51.2

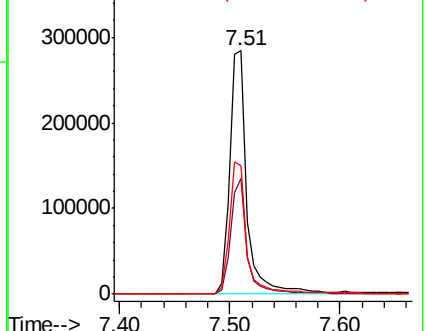
54 52.5 38.6 58.0

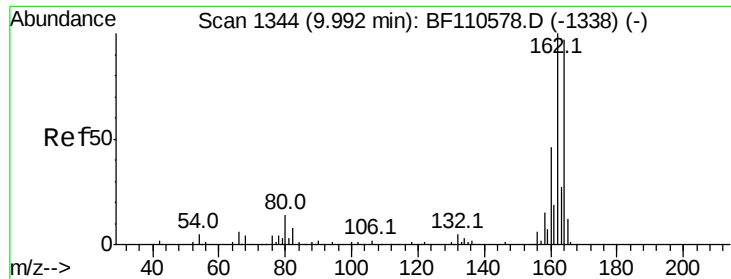


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

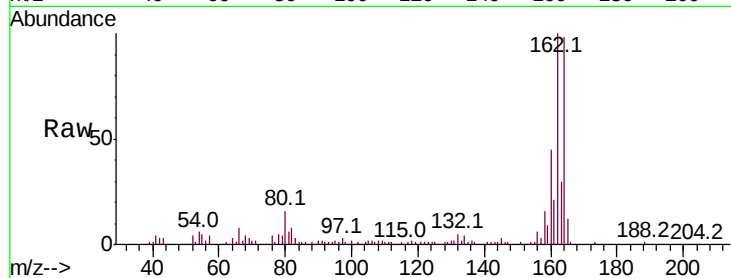




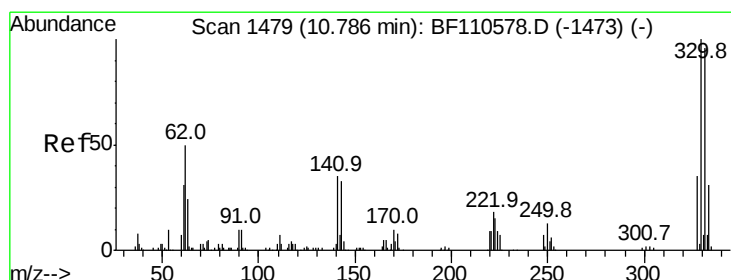
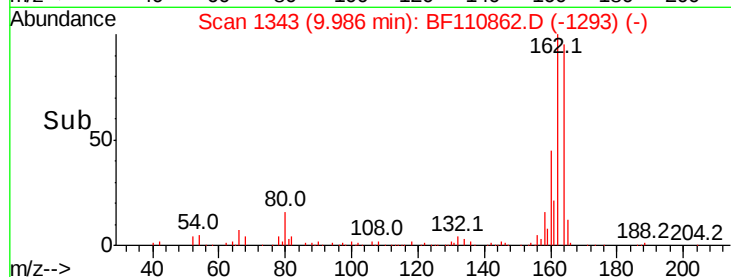
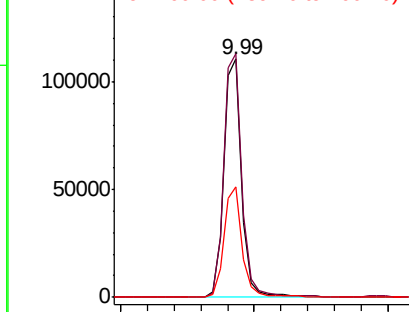
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110862.D
Acq: 19 Nov 2018 19:20

Instrument :
BNA_F
ClientSampleId :
20180927-WCC-3-COMPOSITE

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	83.0	124.6
160	46.2	37.0	55.6

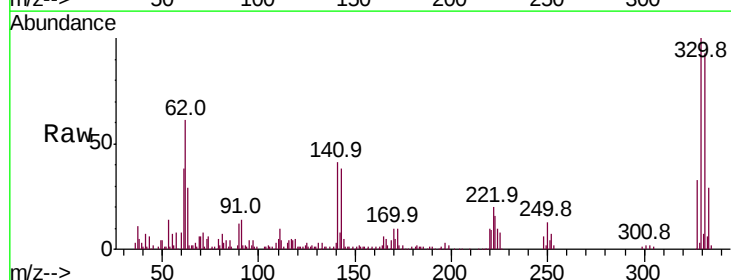


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

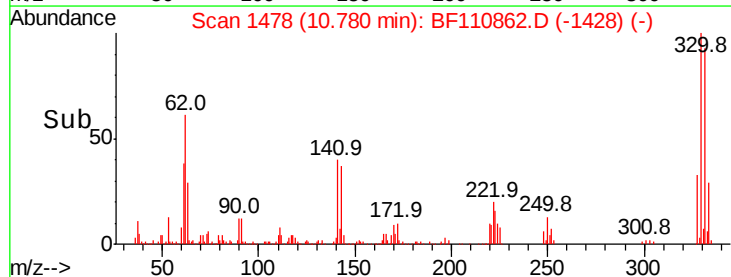
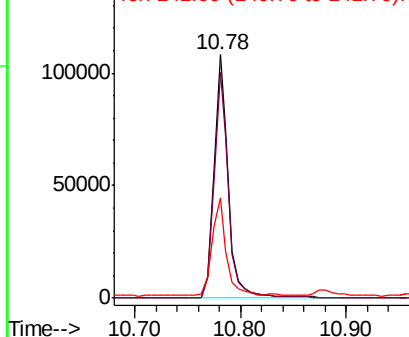


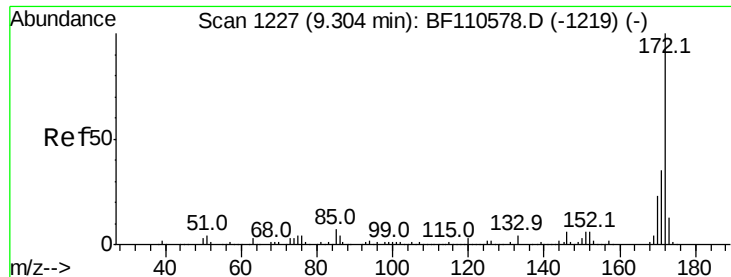
#42
2,4,6-Tribromophenol
Concen: 99.076 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110862.D
Acq: 19 Nov 2018 19:20

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.1	115.7
141	39.6	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

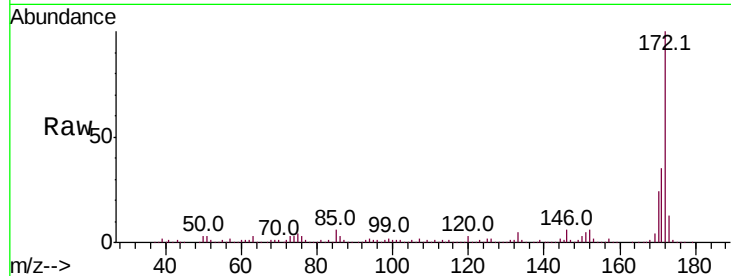




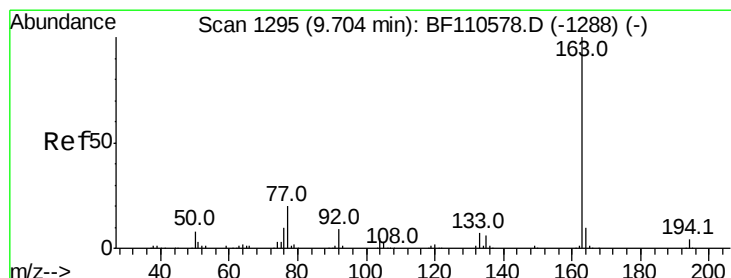
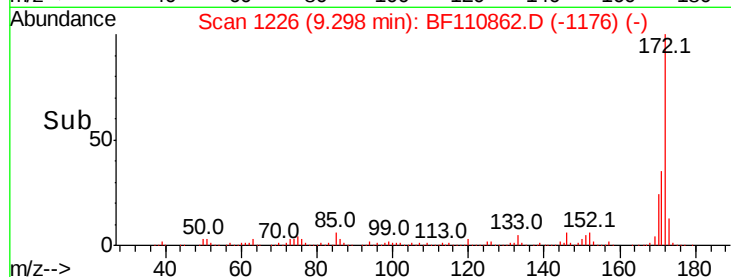
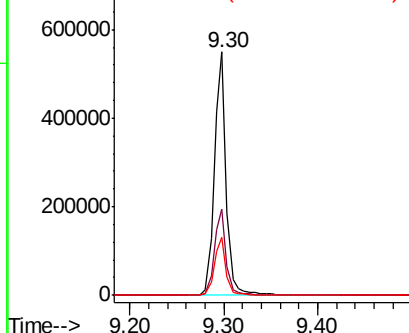
#45
 2-Fluorobiphenyl
 Concen: 67.318 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110862.D
 Acq: 19 Nov 2018 19:20

Instrument :
 BNA_F
 ClientSampleId :
 20180927-WCC-3-COMPOSITE

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.6	19.7	29.5

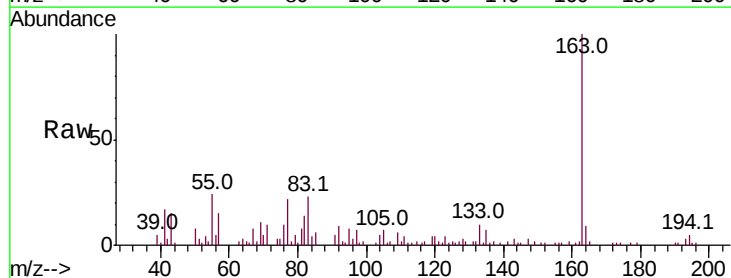


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

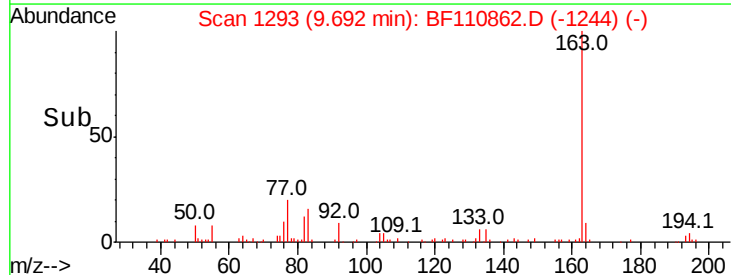
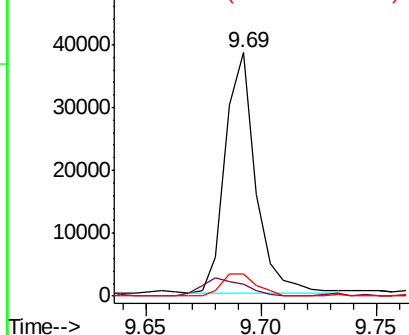


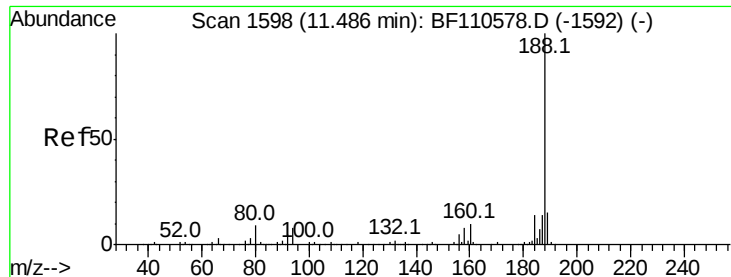
#50
 Dimethylphthalate
 Concen: 4.499 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF110862.D
 Acq: 19 Nov 2018 19:20

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.2	4.8
164	9.3	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: BF110862.D

Acq: 19 Nov 2018 19:20

Instrument :

BNA_F

ClientSampleId :

20180927-WCC-3-COMPOSITE

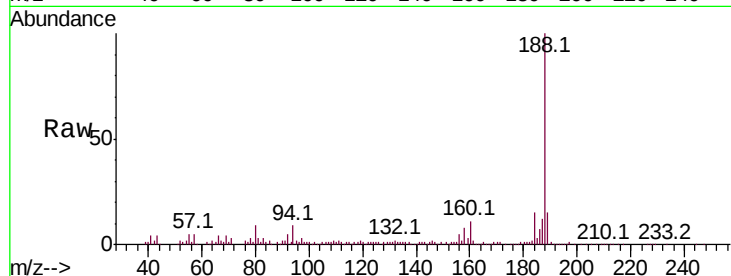
Tot Ion:188 Resp: 165820

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

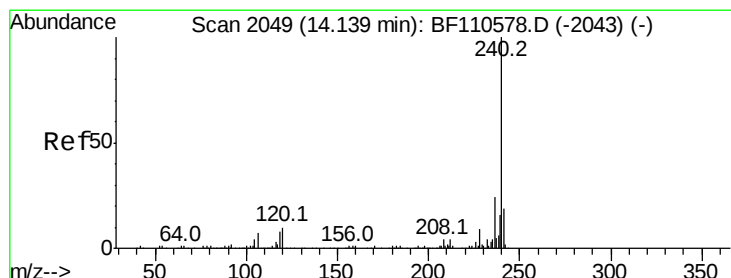
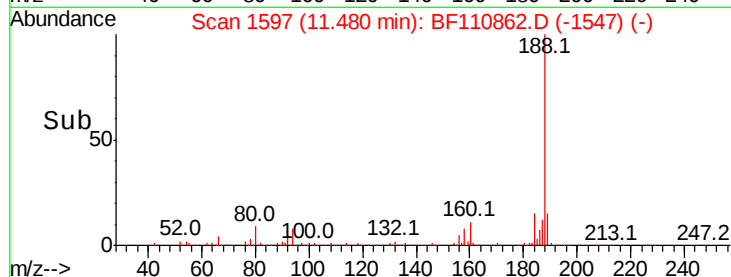
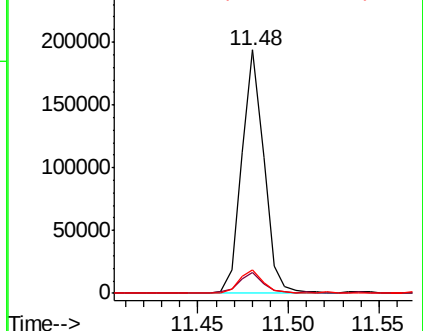
80 9.4 7.9 11.9



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: BF110862.D

Acq: 19 Nov 2018 19:20

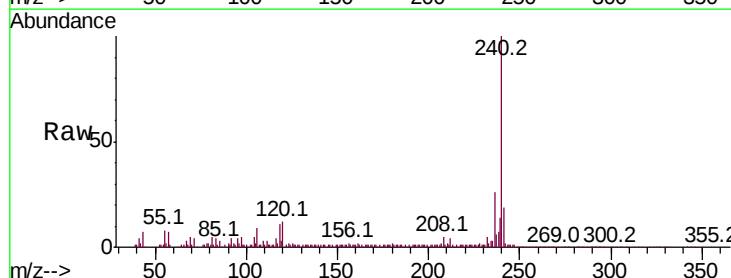
Tgt Ion:240 Resp: 124669

Ion Ratio Lower Upper

240 100

120 11.9 8.3 12.5

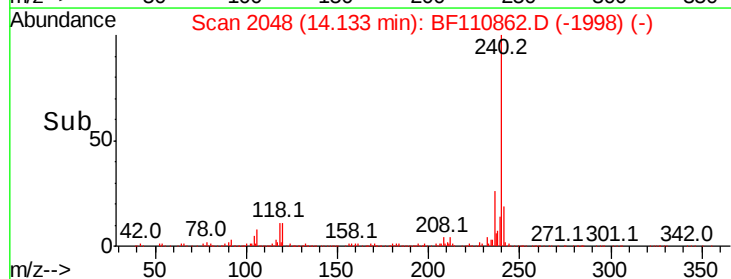
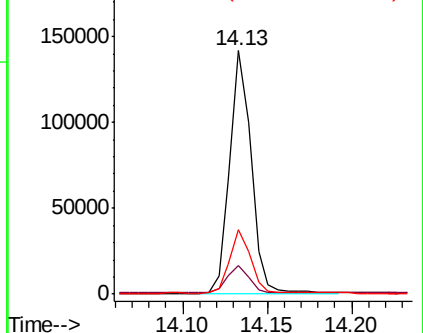
236 26.4 21.2 31.8

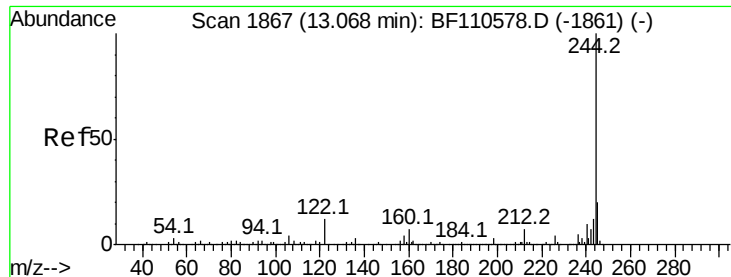


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 60.967 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110862.D

Acq: 19 Nov 2018 19:20

Instrument :

BNA_F

ClientSampleId :

20180927-WCC-3-COMPOSITE

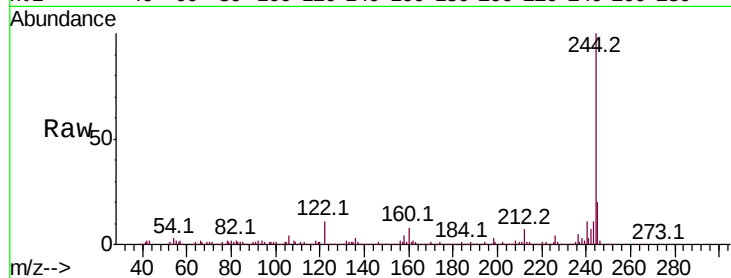
Tot Ion:244 Resp: 405857

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

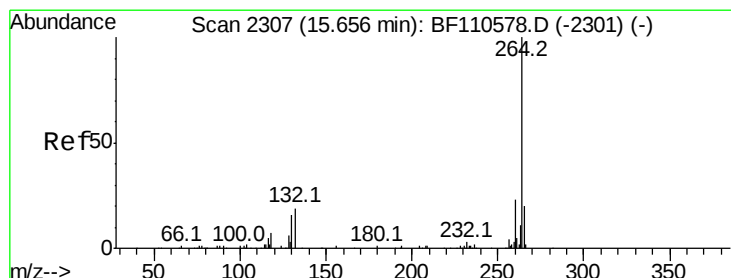
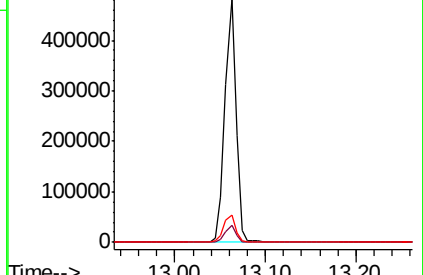
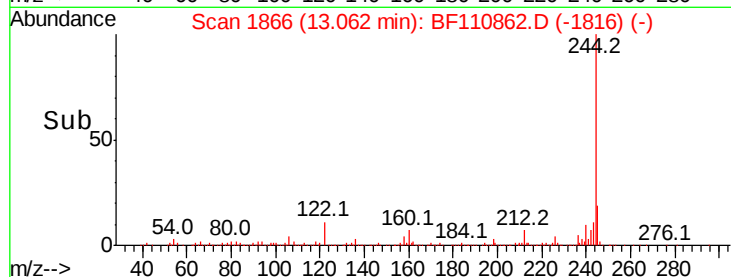
122 11.1 8.7 13.1



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: BF110862.D

Acq: 19 Nov 2018 19:20

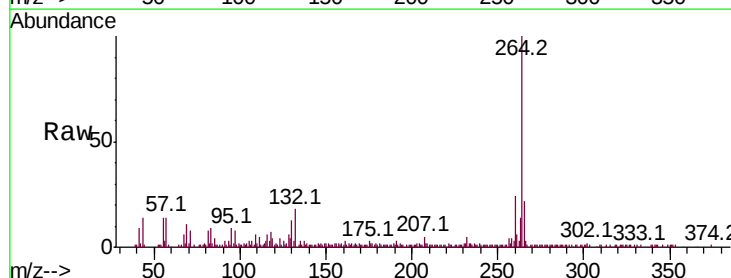
Tgt Ion:264 Resp: 88607

Ion Ratio Lower Upper

264 100

260 24.4 18.7 28.1

265 21.9 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

