

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
 Data File : BF112120.D
 Acq On : 18 Jan 2019 11:58
 Operator : JU/SJ
 Sample : K1157-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-07-011519

Quant Time: Jan 18 14:20:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 18:22:05 2019
 Response via : Initial Calibration

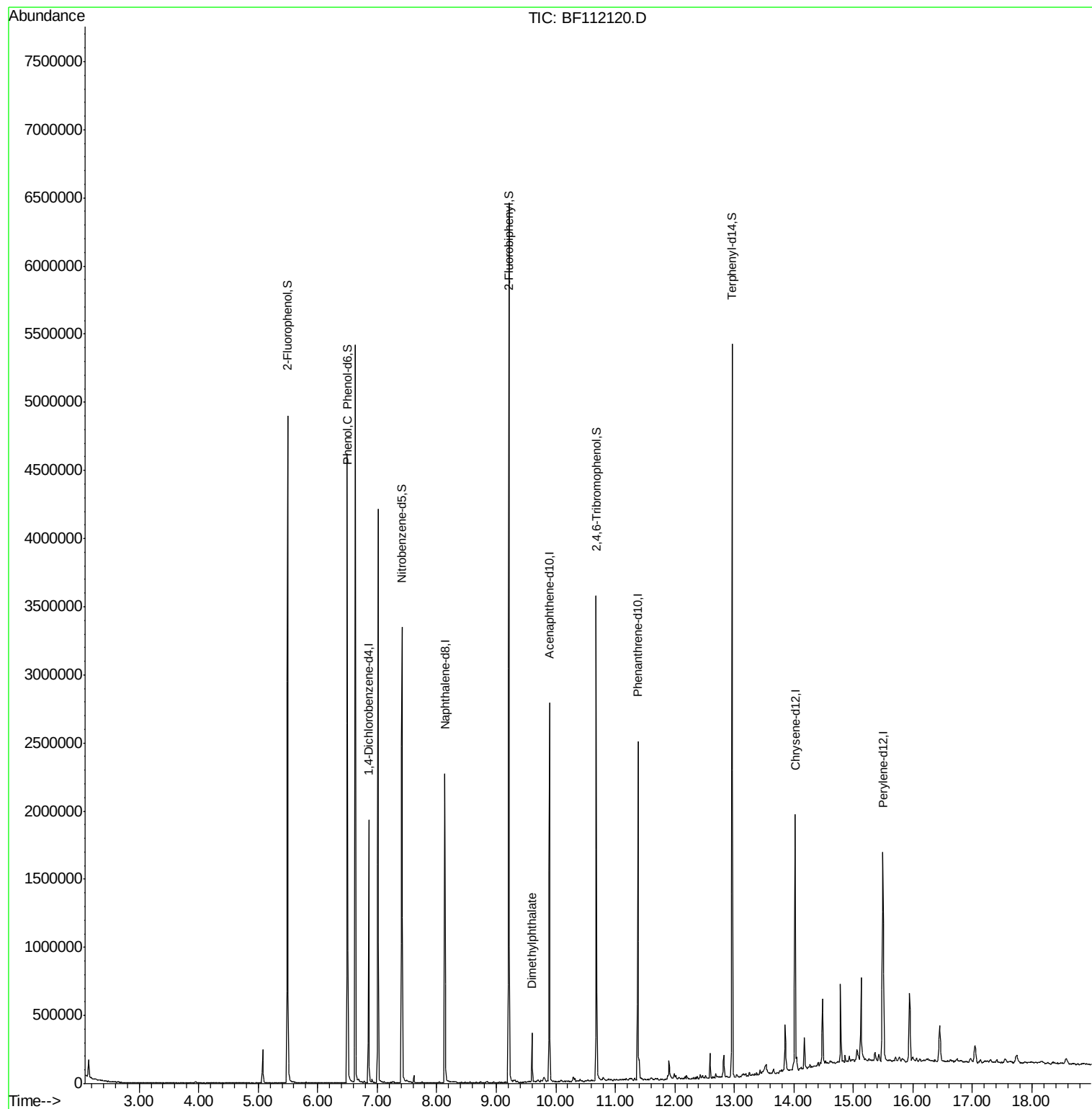
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	280804	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1082870	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	514009	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	900662	20.00	ng	0.00
76) Chrysene-d12	14.02	240	629172	20.00	ng	-0.01
87) Perylene-d12	15.49	264	661957	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1351856	87.38	ng	0.00
7) Phenol-d6	6.50	99	1680562	86.82	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1039234	66.30	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	466240	84.08	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2108129	60.13	ng	-0.01
79) Terphenyl-d14	12.96	244	1747871	59.10	ng	-0.01
Target Compounds						
10) Phenol	6.51	94	81822	3.868	ng	80
50) Dimethylphthalate	9.60	163	143805	3.836	ng	97

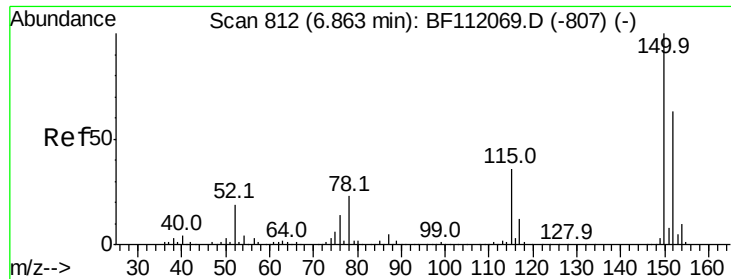
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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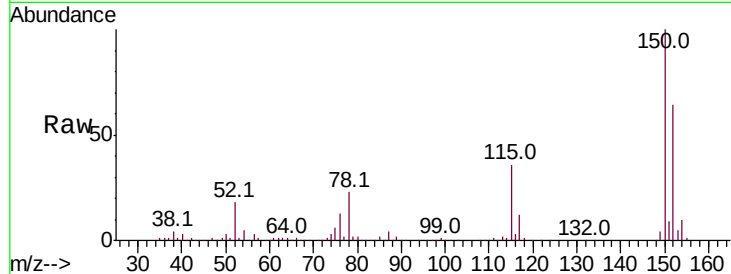


#1

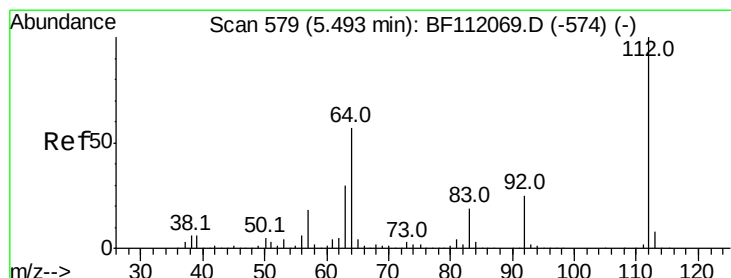
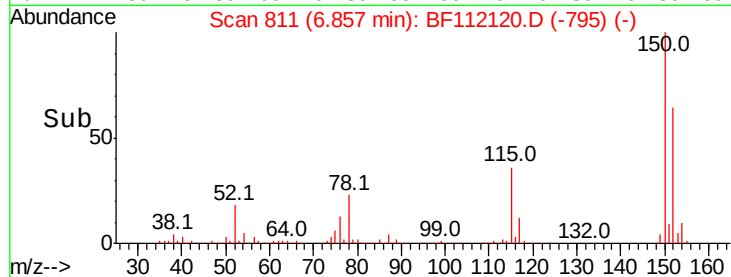
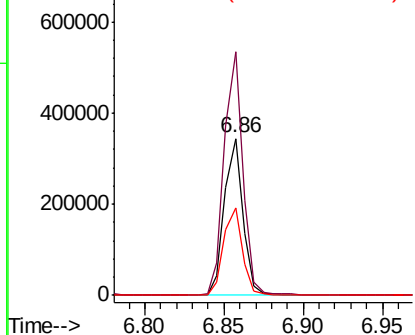
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF112120.D
 Acq: 18 Jan 2019 11:58

Instrument :
 BNA_F
 ClientSampleId :
 WC-07-011519

Tot Ion:152 Resp: 280804
 Ion Ratio Lower Upper
 152 100
 150 155.5 127.4 191.0
 115 55.8 45.5 68.3



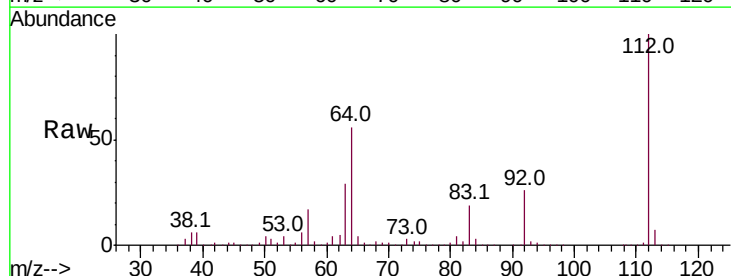
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



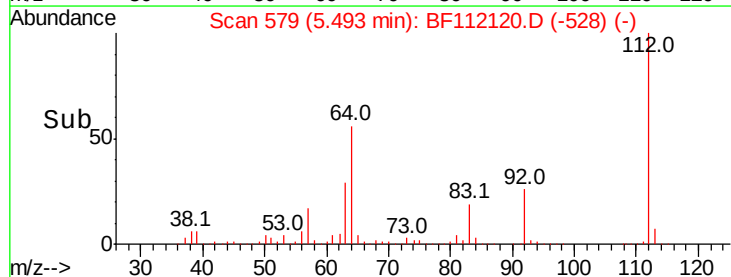
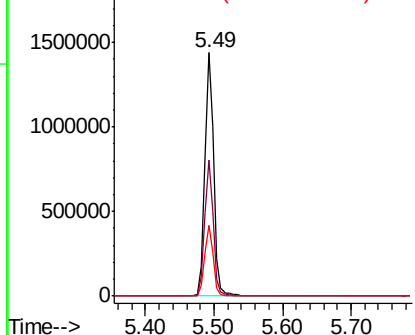
#5

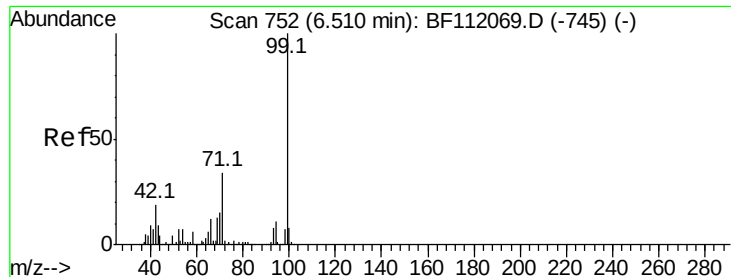
2-Fluorophenol
 Concen: 87.380 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF112120.D
 Acq: 18 Jan 2019 11:58

Tgt Ion:112 Resp: 1351856
 Ion Ratio Lower Upper
 112 100
 64 55.9 45.7 68.5
 63 29.2 23.6 35.4



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: 86.821 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112120.D

Acq: 18 Jan 2019 11:58

Instrument :

BNA_F

ClientSampleId :

WC-07-011519

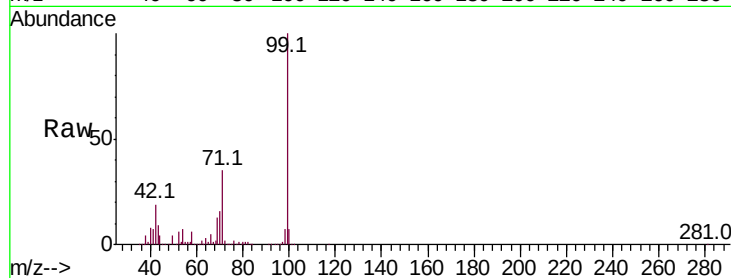
Tot Ion: 99 Resp: 1680562

Ion Ratio Lower Upper

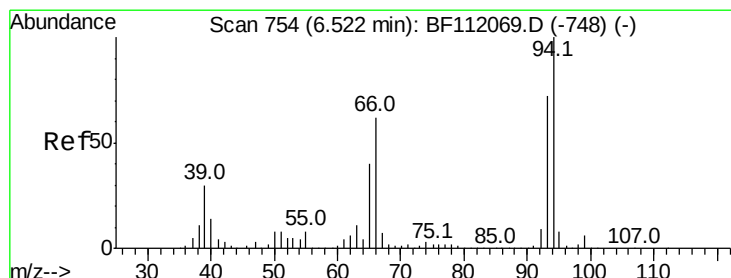
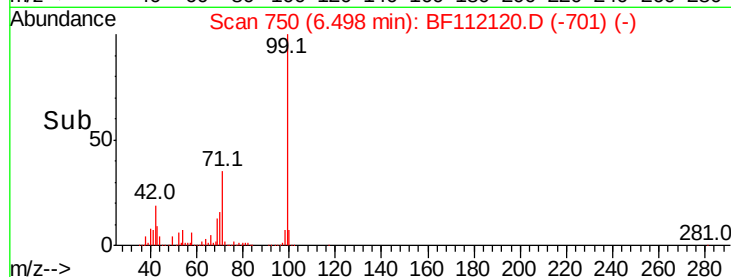
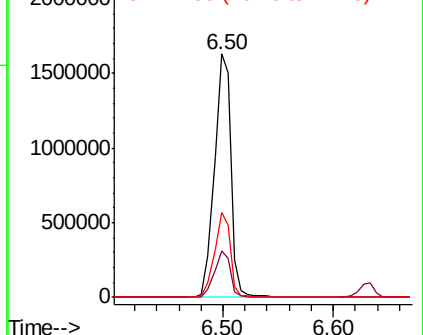
99 100

42 19.3 15.1 22.7

71 34.7 26.9 40.3



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: 3.868 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF112120.D

Acq: 18 Jan 2019 11:58

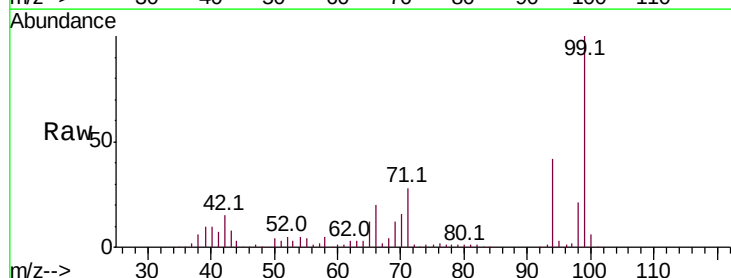
Tgt Ion: 94 Resp: 81822

Ion Ratio Lower Upper

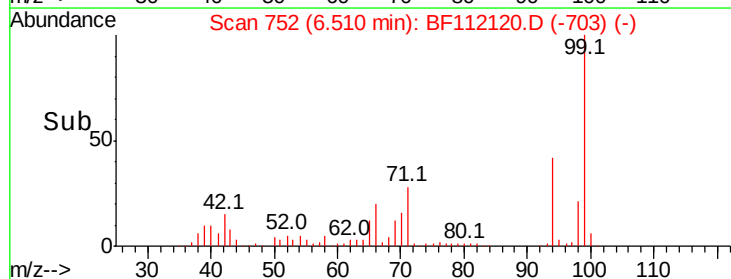
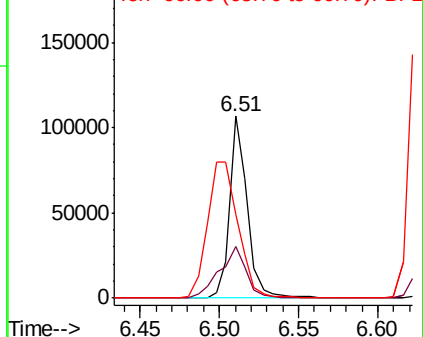
94 100

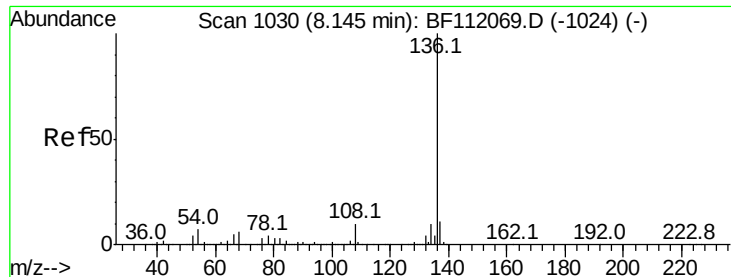
65 28.7 20.3 60.3

66 46.1 42.4 82.4



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

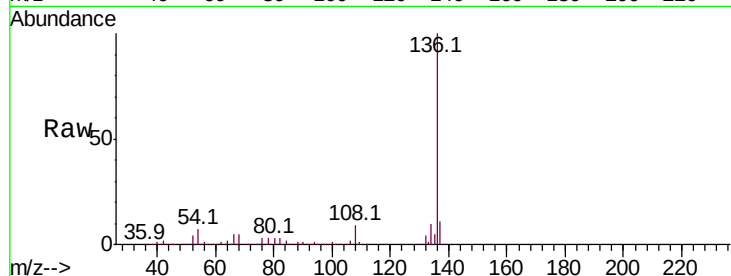




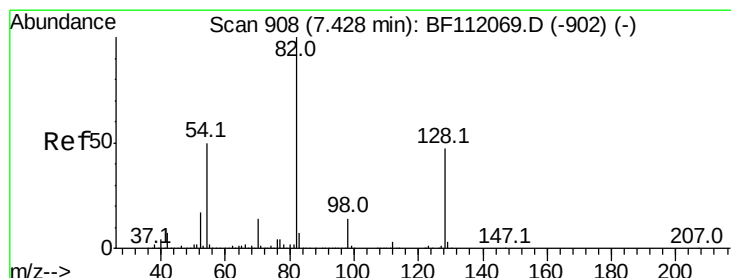
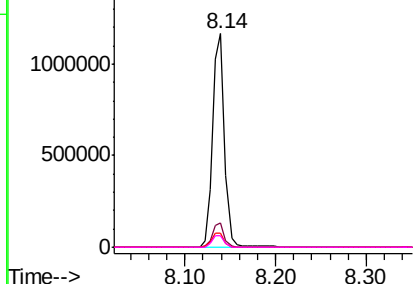
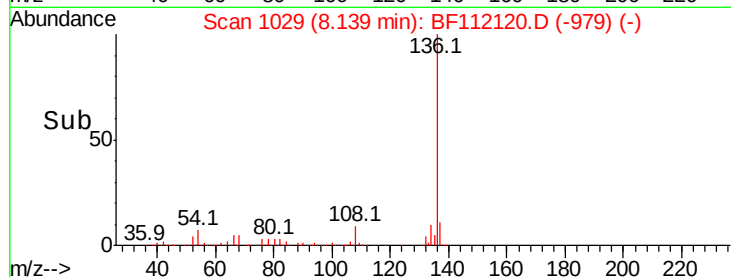
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF112120.D
Acq: 18 Jan 2019 11:58

Instrument :
BNA_F
ClientSampleId :
WC-07-011519

Tot Ion:136 Resp: 1082870
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 6.6 5.9 8.9
68 5.5 5.1 7.7

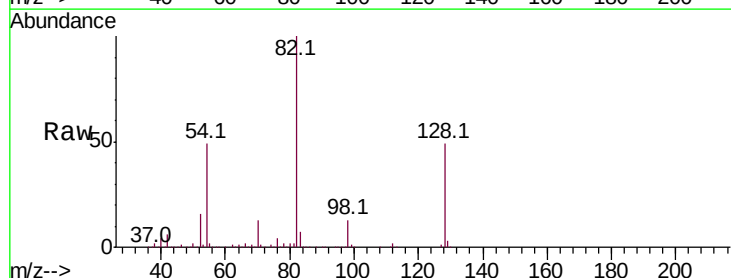


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

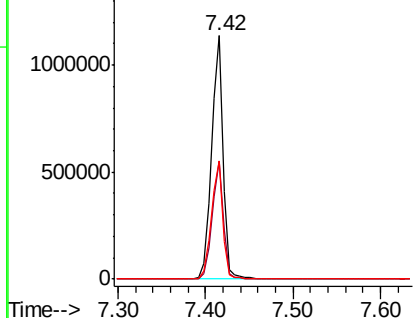
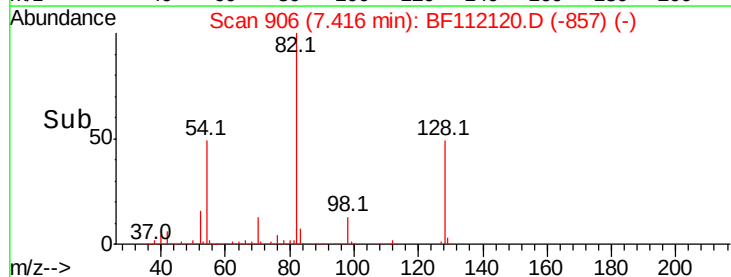


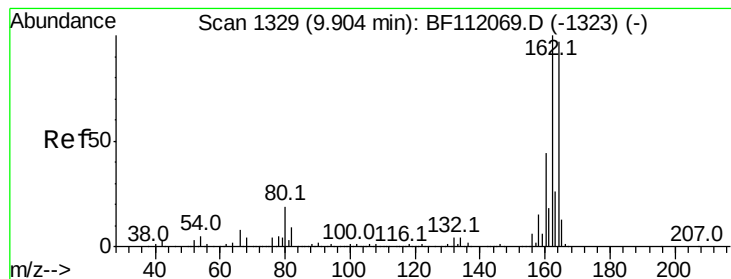
#23
Nitrobenzene-d5
Concen: 66.305 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112120.D
Acq: 18 Jan 2019 11:58

Tgt Ion: 82 Resp: 1039234
Ion Ratio Lower Upper
82 100
128 48.5 37.8 56.8
54 48.7 39.7 59.5



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: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF112120.D

Acq: 18 Jan 2019 11:58

Instrument :

BNA_F

ClientSampleId :

WC-07-011519

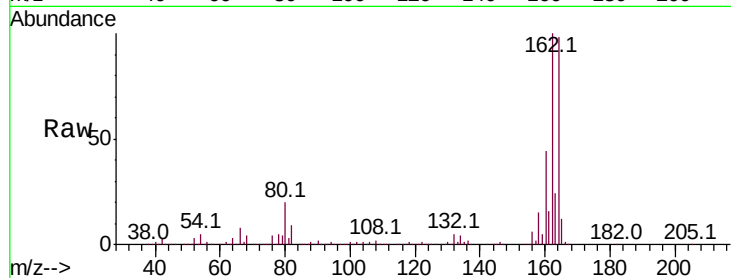
Tot Ion:164 Resp: 514009

Ion Ratio Lower Upper

164 100

162 102.3 82.2 123.4

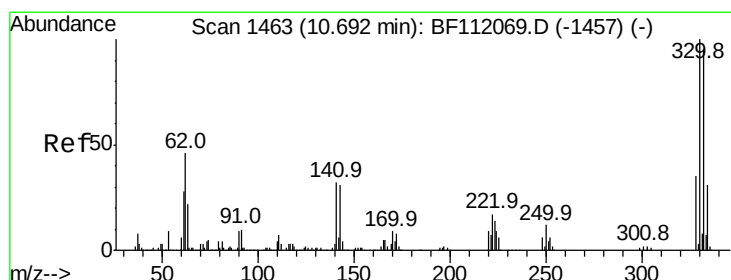
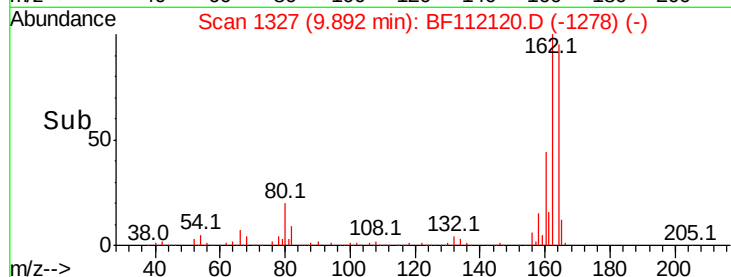
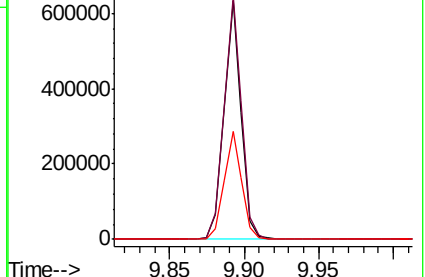
160 45.5 36.2 54.4



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: 84.083 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF112120.D

Acq: 18 Jan 2019 11:58

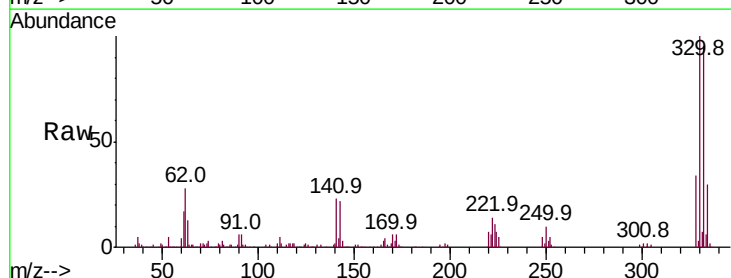
Tgt Ion:330 Resp: 466240

Ion Ratio Lower Upper

330 100

332 95.7 76.6 114.8

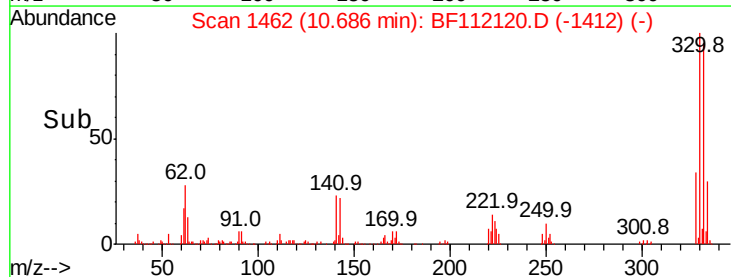
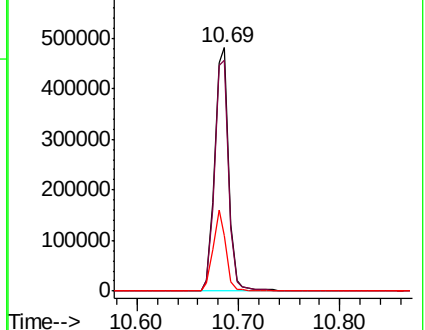
141 30.6 24.3 36.5

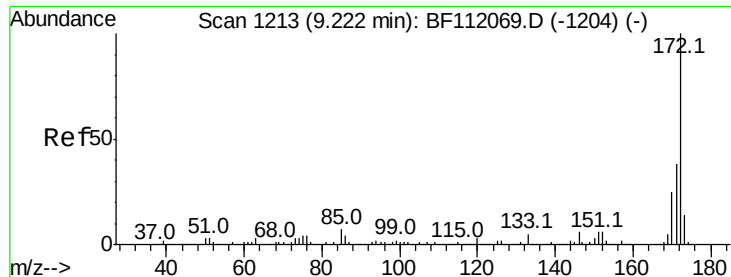


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



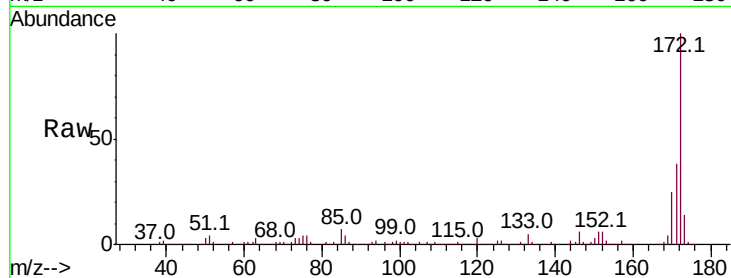


#45
2-Fluorobiphenyl
Concen: 60.130 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF112120.D
Acq: 18 Jan 2019 11:58

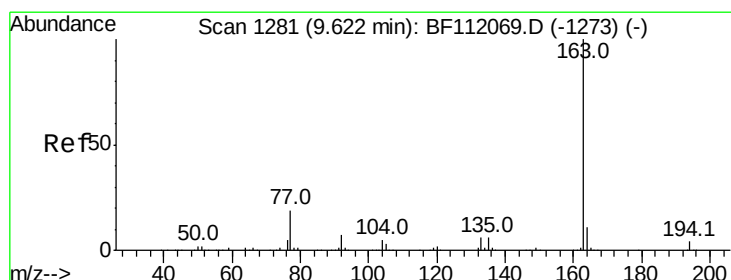
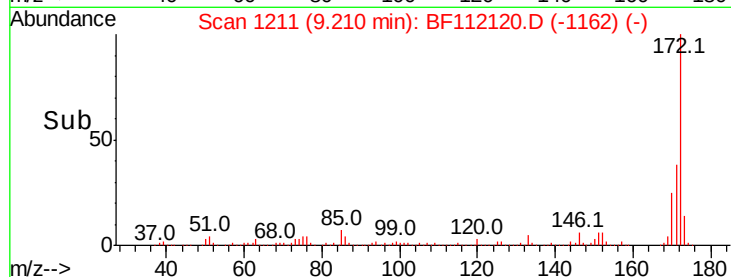
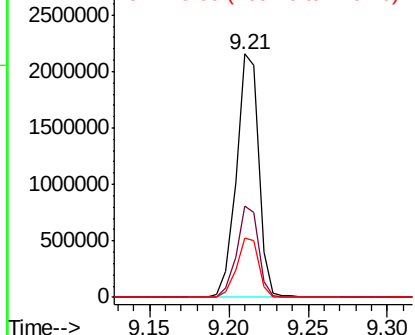
Instrument :
BNA_F
ClientSampleId :
WC-07-011519

Tot Ion:172 Resp: 2108129

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.5	45.7
170	24.6	20.2	30.4



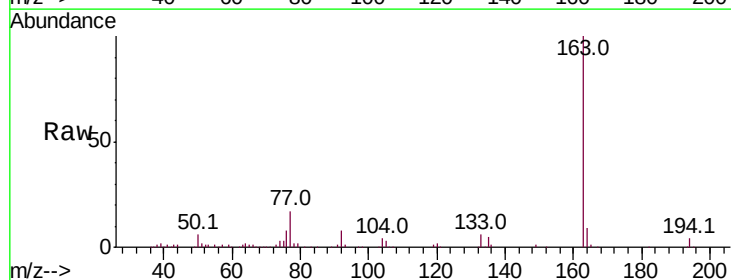
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



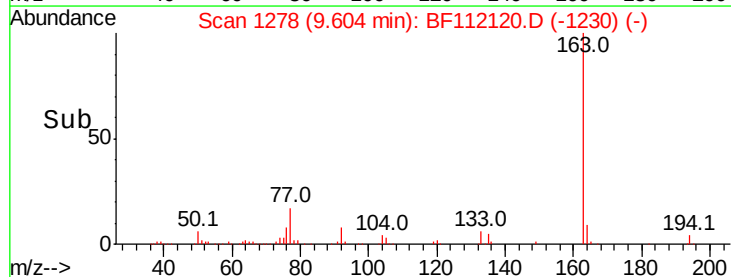
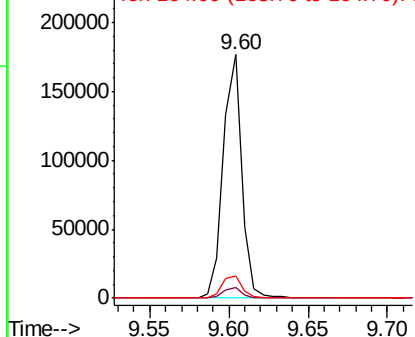
#50
Dimethylphthalate
Concen: 3.836 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF112120.D
Acq: 18 Jan 2019 11:58

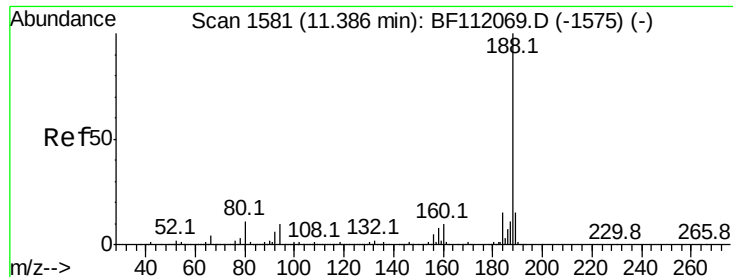
Tgt Ion:163 Resp: 143805

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.3	8.5	12.7



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: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF112120.D

Acq: 18 Jan 2019 11:58

Instrument :

BNA_F

ClientSampleId :

WC-07-011519

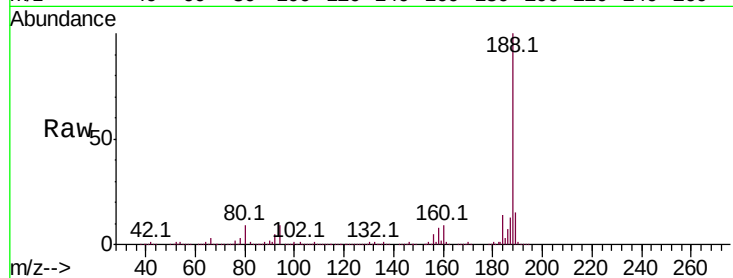
Tot Ion:188 Resp: 900662

Ion Ratio Lower Upper

188 100

94 8.8 8.2 12.2

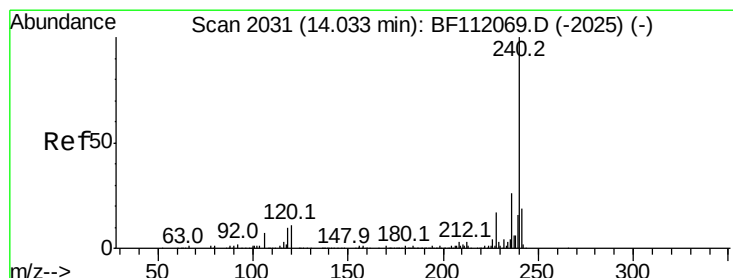
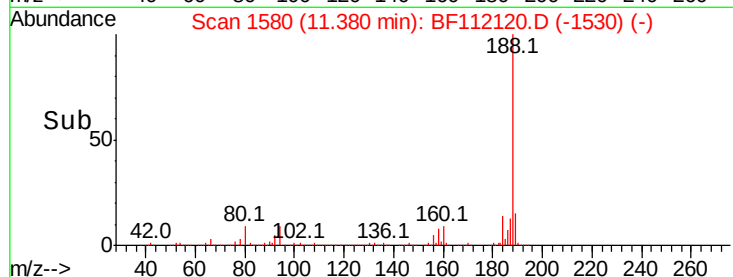
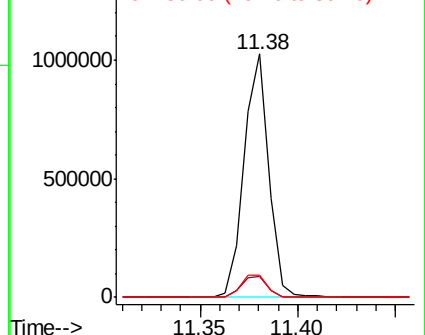
80 9.0 8.9 13.3



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: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF112120.D

Acq: 18 Jan 2019 11:58

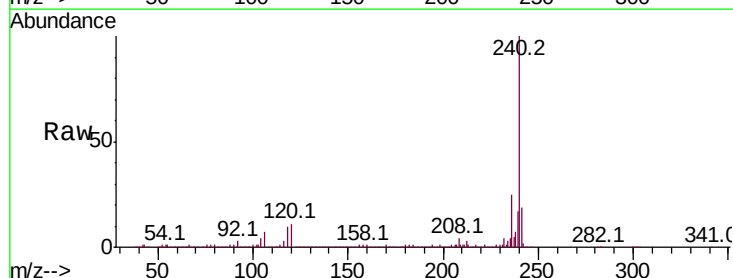
Tgt Ion:240 Resp: 629172

Ion Ratio Lower Upper

240 100

120 10.9 9.0 13.6

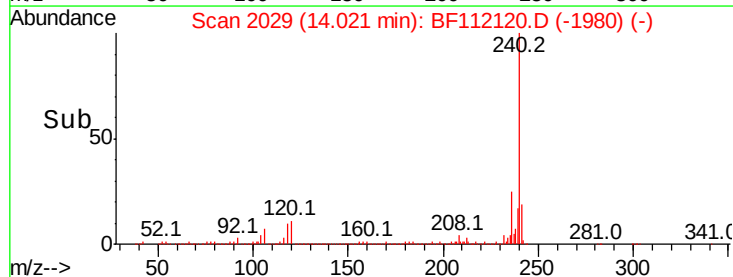
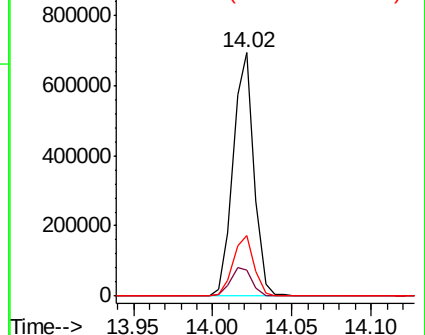
236 25.0 20.7 31.1

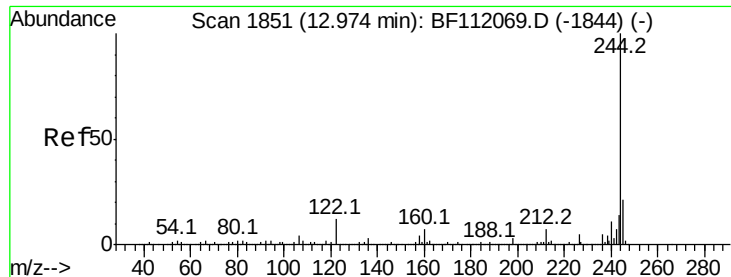


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 59.100 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF112120.D

Acq: 18 Jan 2019 11:58

Instrument :

BNA_F

ClientSampleId :

WC-07-011519

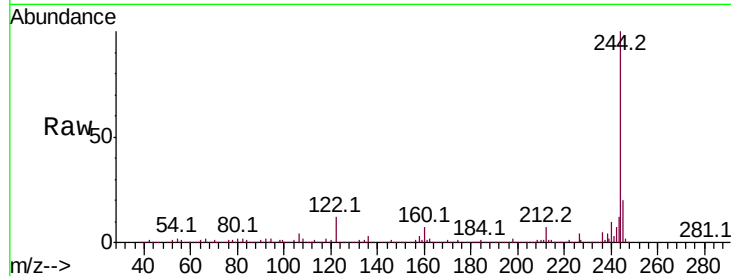
Tot Ion:244 Resp: 1747871

Ion Ratio Lower Upper

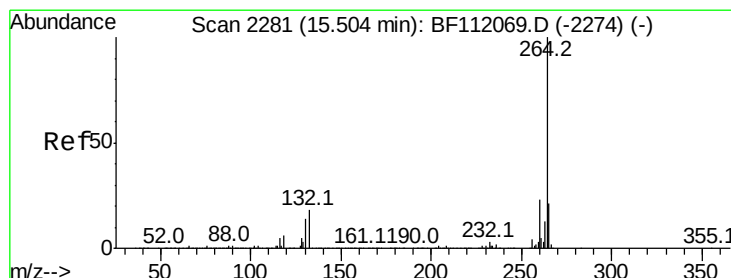
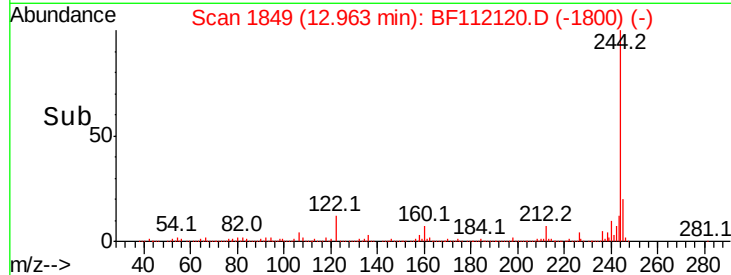
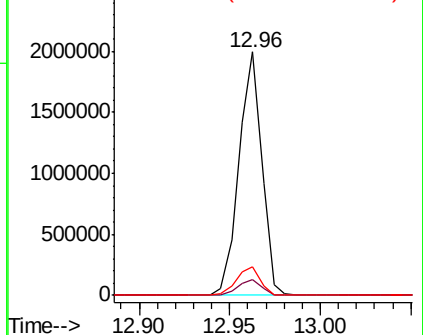
244 100

212 6.6 5.9 8.9

122 11.7 9.8 14.6



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: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF112120.D

Acq: 18 Jan 2019 11:58

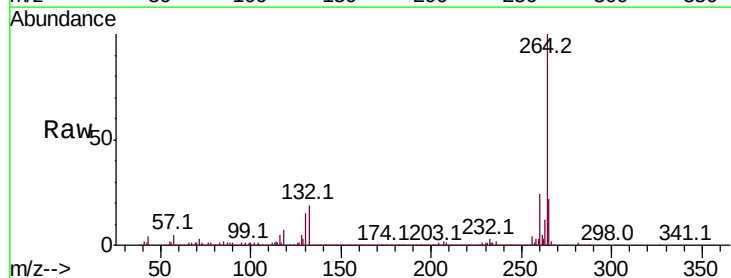
Tgt Ion:264 Resp: 661957

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.2

265 21.6 17.0 25.4



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

