

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
 Data File : BF111665.D
 Acq On : 21 Dec 2018 3:27
 Operator : JU/SJ
 Sample : J6447-11
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1824-01

Quant Time: Dec 21 07:42:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

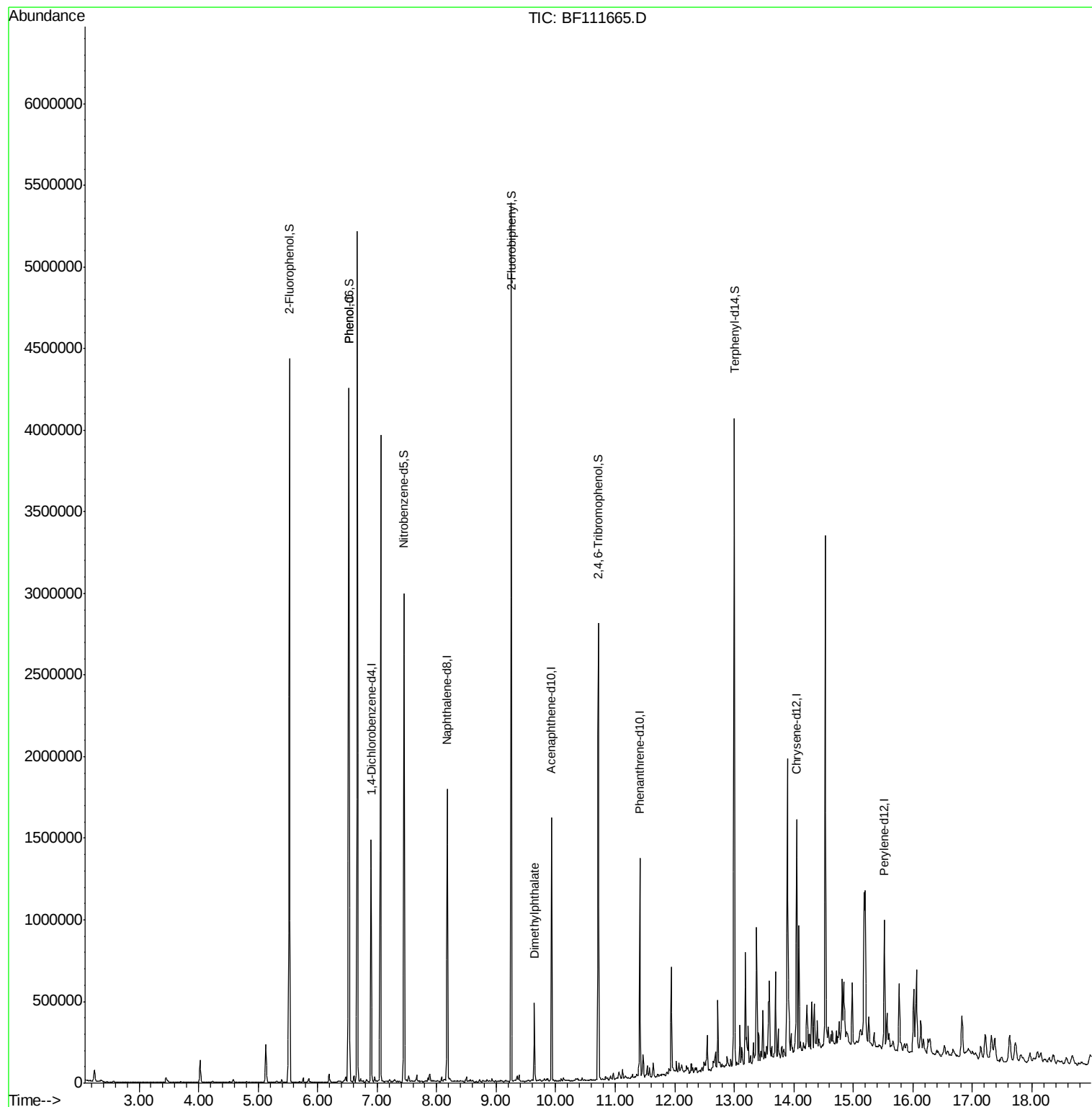
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	215438	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	762698	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	328354	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	502431	20.00	ng	0.00
76) Chrysene-d12	14.05	240	491212	20.00	ng	0.00
87) Perylene-d12	15.52	264	356764	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1222226	96.70	ng	0.01
7) Phenol-d6	6.53	99	1573992	97.85	ng	0.00
23) Nitrobenzene-d5	7.45	82	959149	73.20	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	327500	84.41	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1573696	69.86	ng	0.00
79) Terphenyl-d14	13.00	244	1266561	48.90	ng	0.00
Target Compounds						
10) Phenol	6.53	94	104659	5.767	ng	95
50) Dimethylphthalate	9.64	163	156928	6.536	ng	97

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

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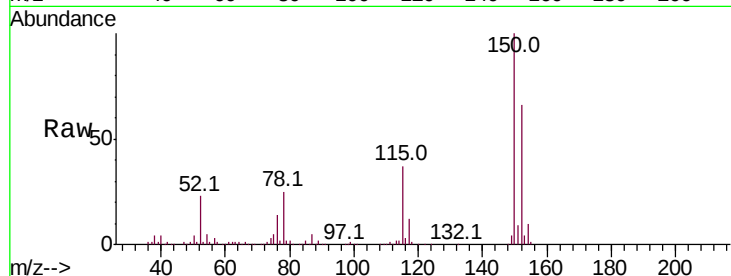


#1

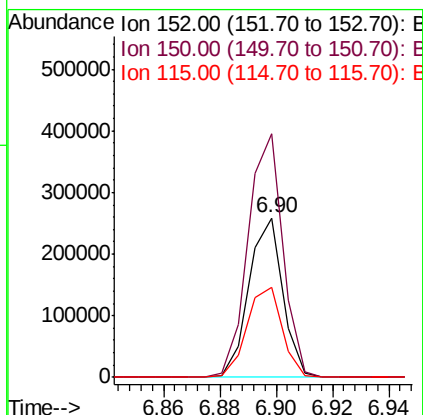
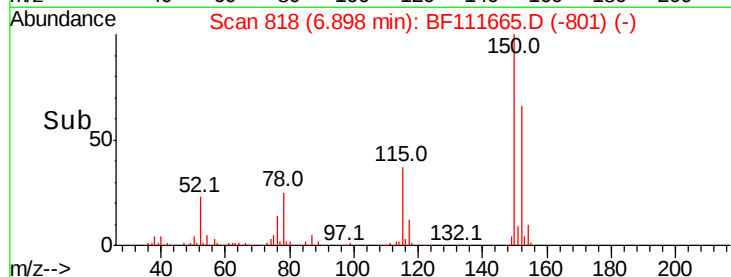
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF111665.D
Acq: 21 Dec 2018 3:27

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1824-01

Tot Ion:152 Resp: 215438
Ion Ratio Lower Upper
152 100
150 152.5 126.6 189.8
115 56.1 50.7 76.1



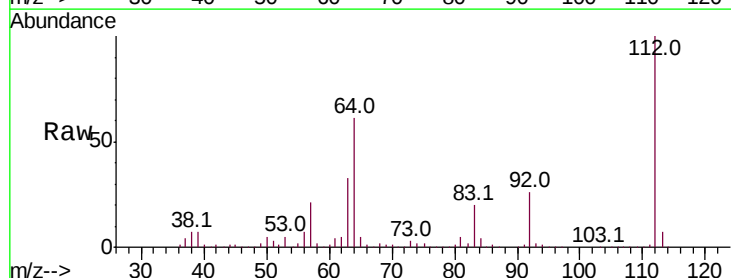
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



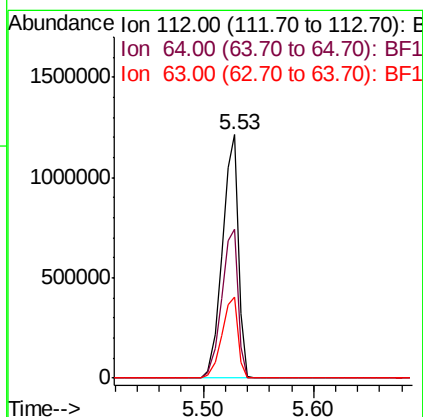
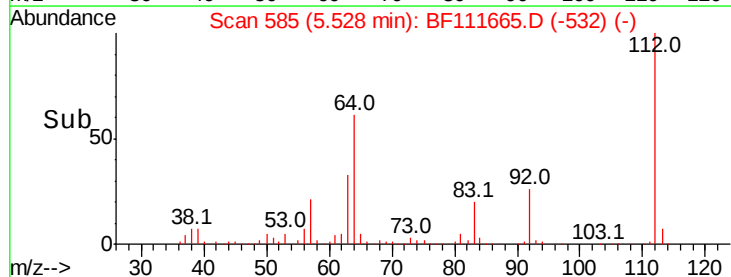
#5

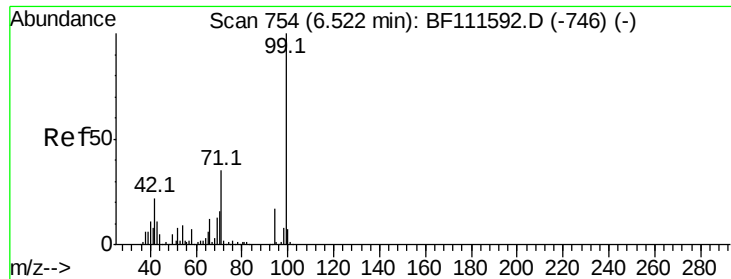
2-Fluorophenol
Concen: 96.702 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF111665.D
Acq: 21 Dec 2018 3:27

Tgt Ion:112 Resp: 1222226
Ion Ratio Lower Upper
112 100
64 60.9 51.8 77.6
63 33.3 26.8 40.2



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: 97.854 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF111665.D

Acq: 21 Dec 2018 3:27

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1824-01

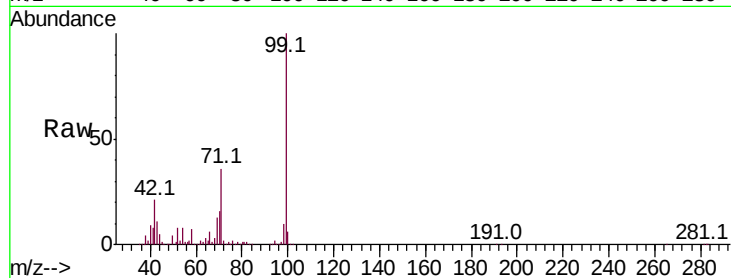
Tot Ion: 99 Resp: 1573992

Ion Ratio Lower Upper

99 100

42 21.4 17.4 26.0

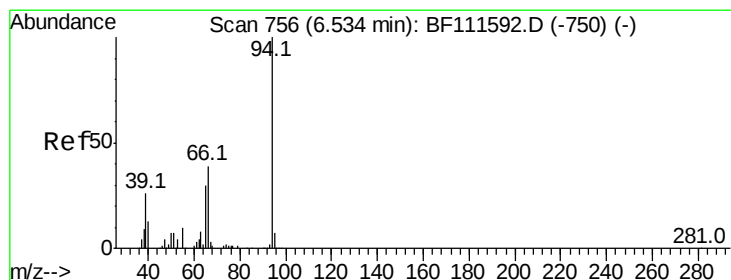
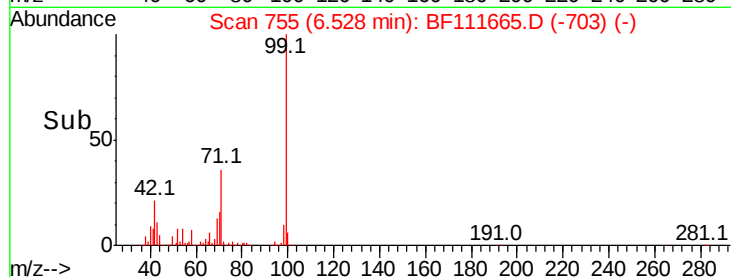
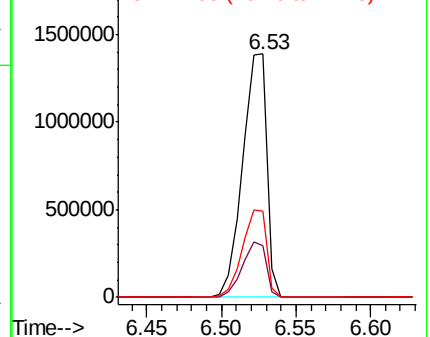
71 35.6 26.1 39.1



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: 5.767 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF111665.D

Acq: 21 Dec 2018 3:27

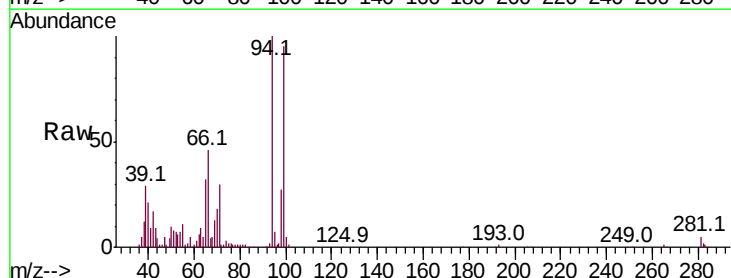
Tgt Ion: 94 Resp: 104659

Ion Ratio Lower Upper

94 100

65 32.2 11.7 51.7

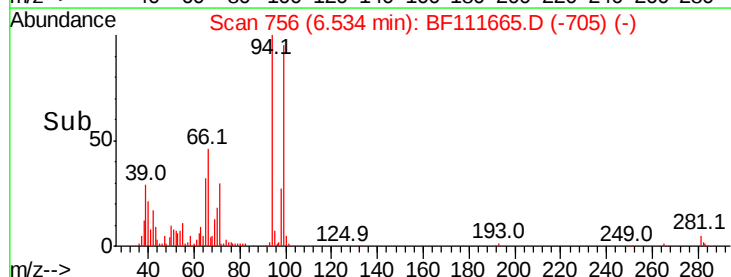
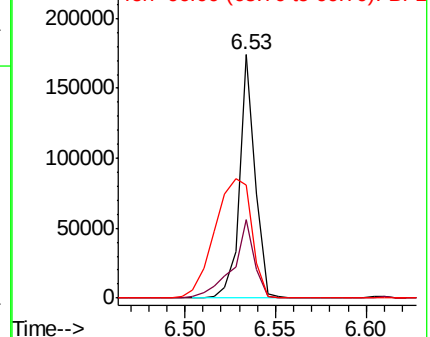
66 46.3 21.0 61.0

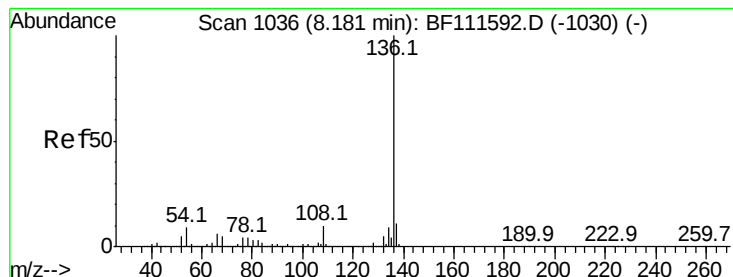


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF111665.D

Acq: 21 Dec 2018 3:27

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1824-01

Tot Ion:136 Resp: 762698

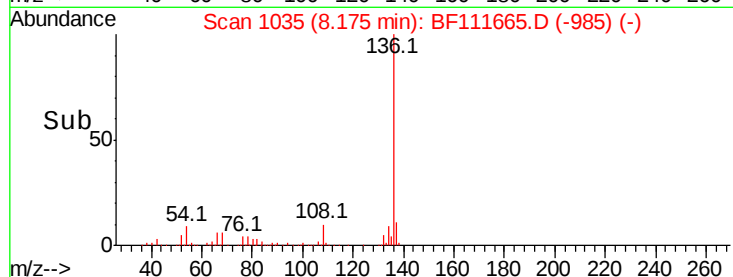
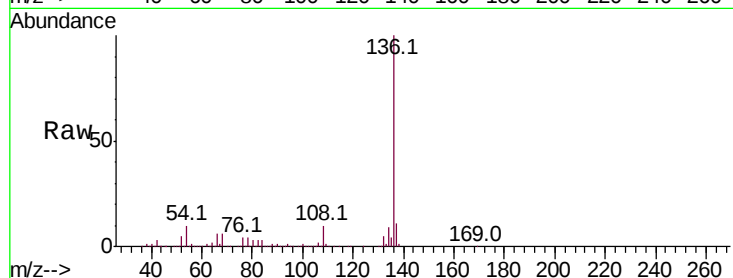
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 9.5 7.7 11.5

68 5.9 4.9 7.3

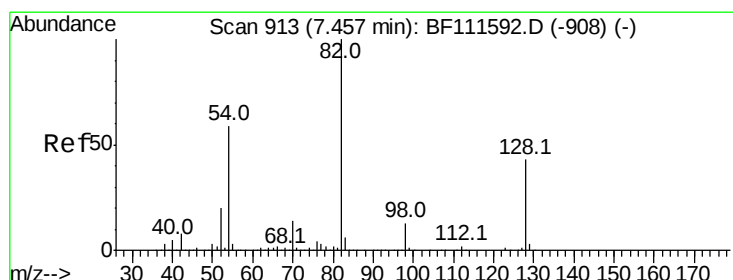
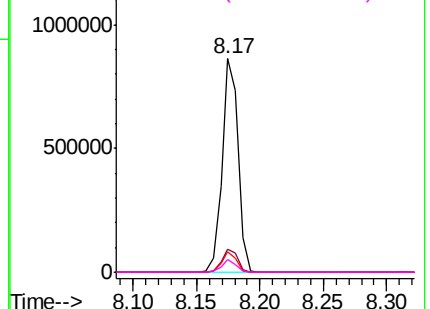


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.201 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF111665.D

Acq: 21 Dec 2018 3:27

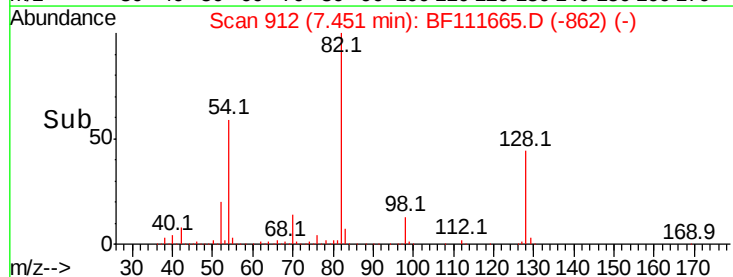
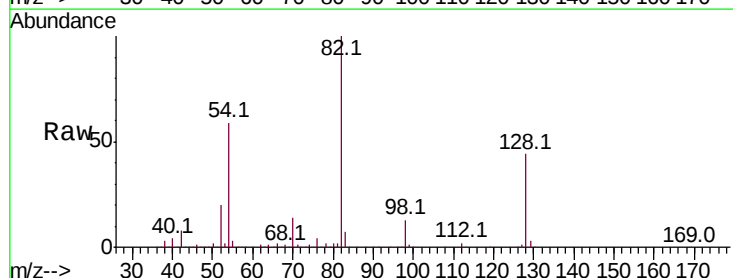
Tgt Ion: 82 Resp: 959149

Ion Ratio Lower Upper

82 100

128 43.8 37.4 56.2

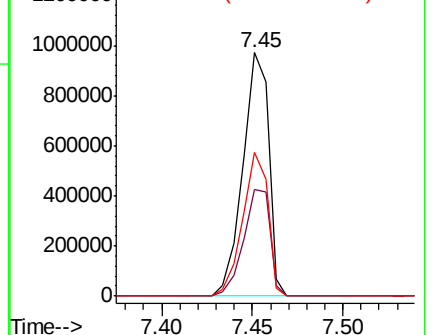
54 58.9 47.6 71.4

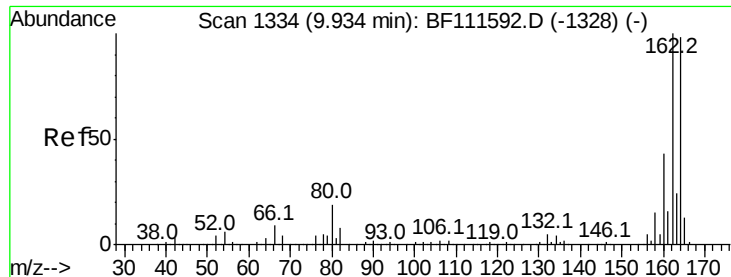


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF111665.D

Acq: 21 Dec 2018 3:27

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1824-01

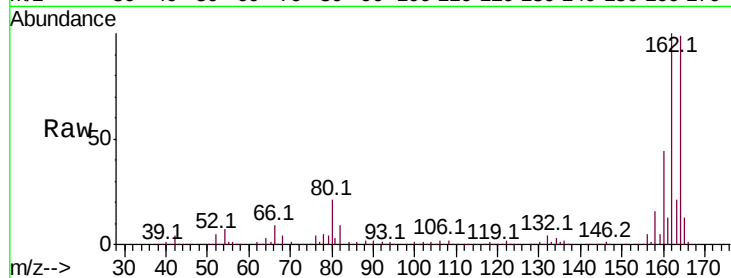
Tot Ion:164 Resp: 328354

Ion Ratio Lower Upper

164 100

162 100.8 81.4 122.0

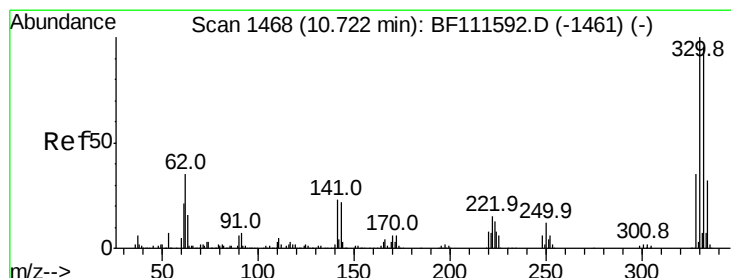
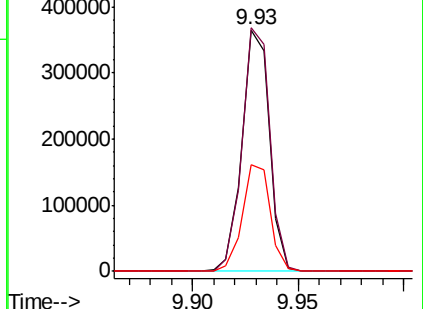
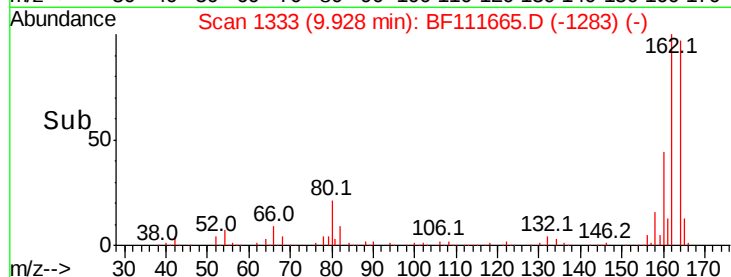
160 44.0 35.7 53.5



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



#42

2,4,6-Tribromophenol

Concen: 84.413 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF111665.D

Acq: 21 Dec 2018 3:27

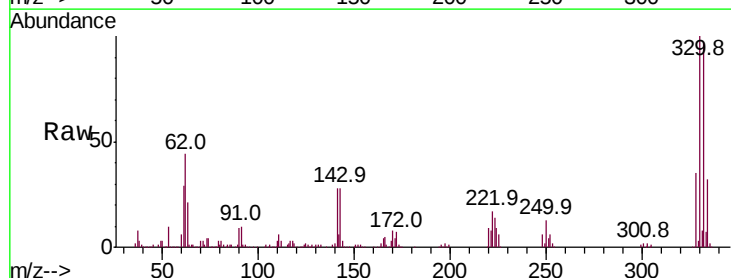
Tgt Ion:330 Resp: 327500

Ion Ratio Lower Upper

330 100

332 95.7 76.0 114.0

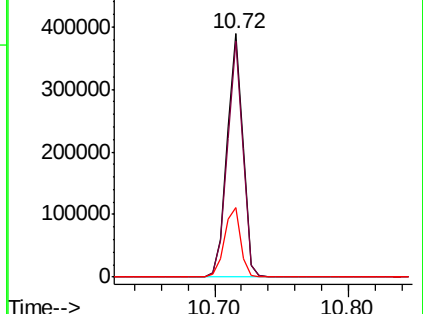
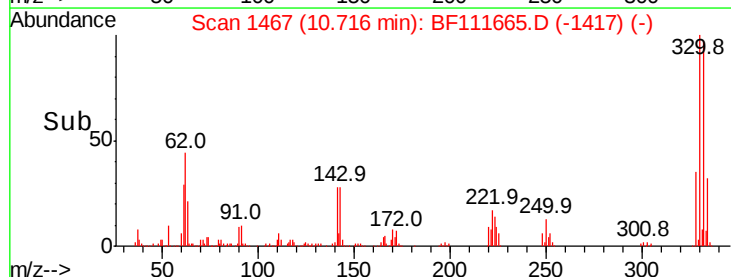
141 29.5 31.0 46.6#

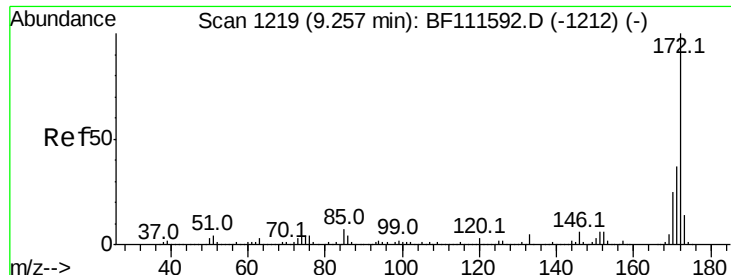


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

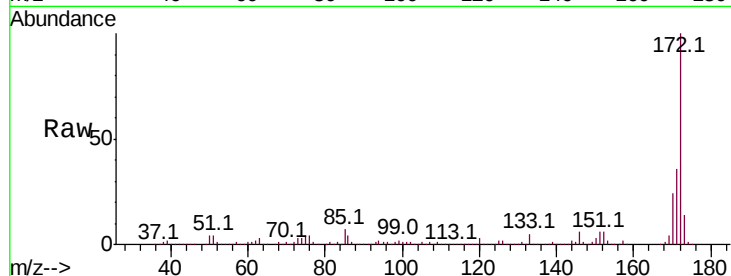




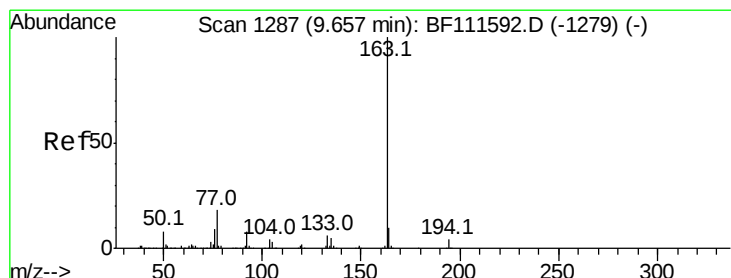
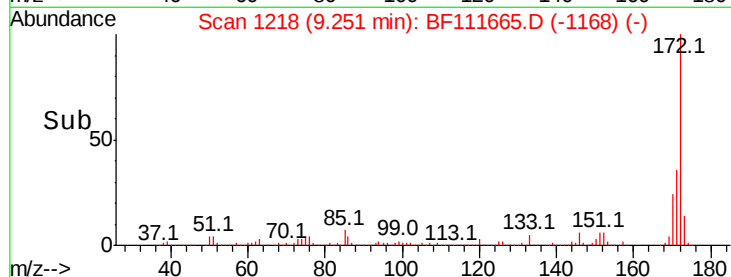
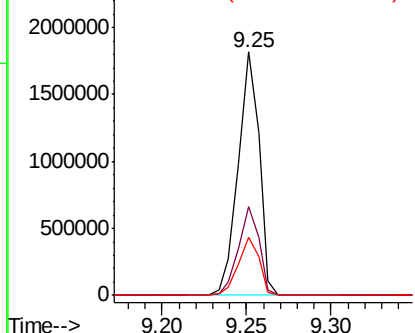
#45
2-Fluorobiphenyl
Concen: 69.857 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111665.D
Acq: 21 Dec 2018 3:27

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1824-01

Tot Ion:172 Resp: 1573696
Ion Ratio Lower Upper
172 100
171 36.3 33.0 49.4
170 23.9 22.3 33.5

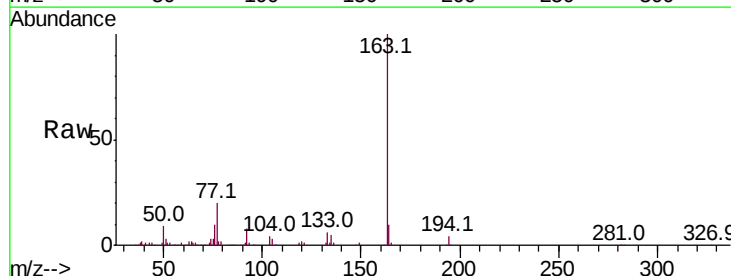


Abundance Ion 172.00 (171.70 to 172.70): E
2500000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

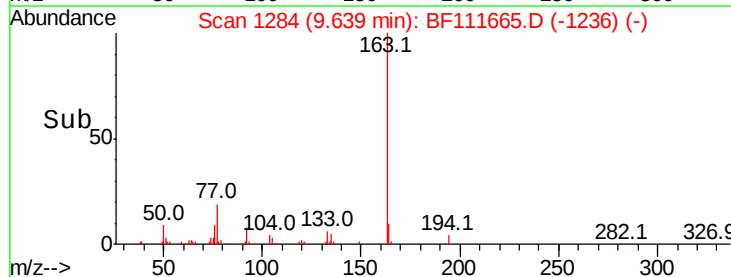
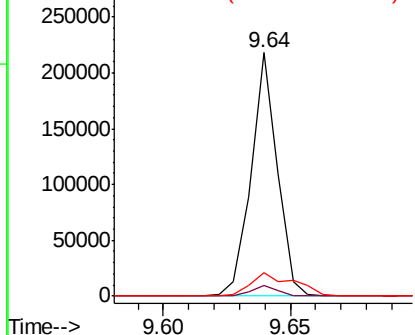


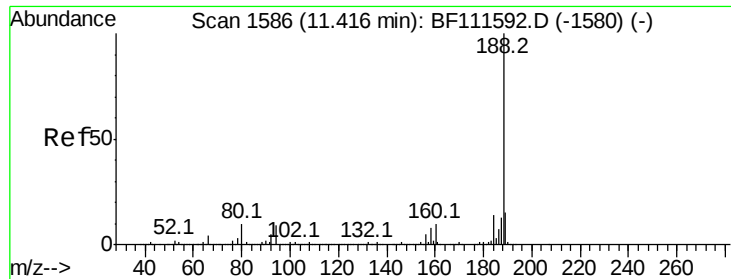
#50
Dimethylphthalate
Concen: 6.536 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111665.D
Acq: 21 Dec 2018 3:27

Tgt Ion:163 Resp: 156928
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 9.8 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
300000 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: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF111665.D

Acq: 21 Dec 2018 3:27

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1824-01

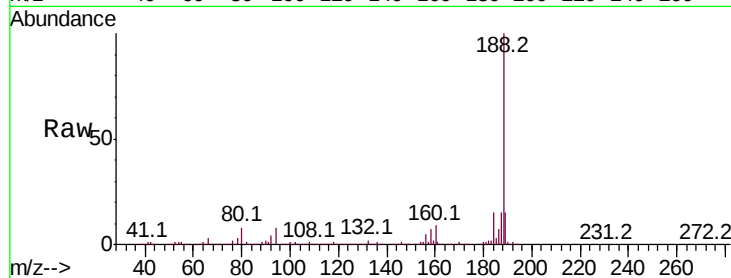
Tot Ion:188 Resp: 502431

Ion Ratio Lower Upper

188 100

94 7.7 9.6 14.4#

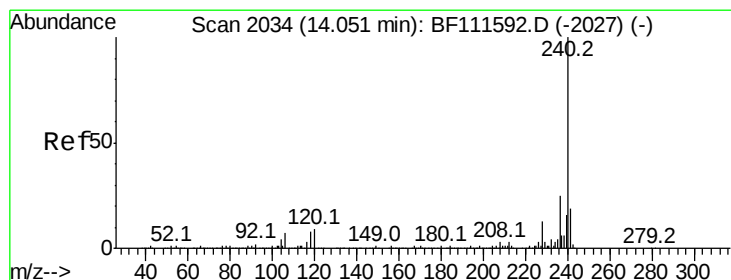
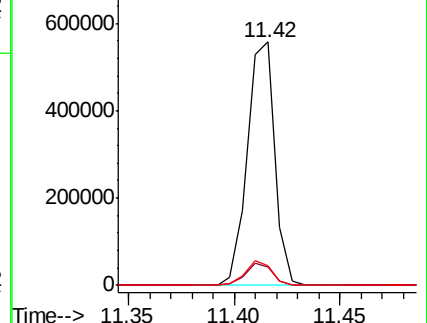
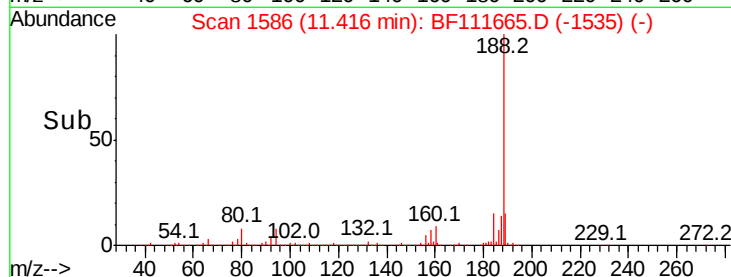
80 8.0 9.8 14.6#



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: 14.05 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF111665.D

Acq: 21 Dec 2018 3:27

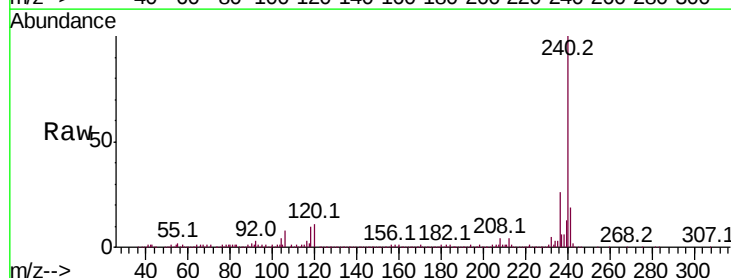
Tgt Ion:240 Resp: 491212

Ion Ratio Lower Upper

240 100

120 10.5 12.2 18.2#

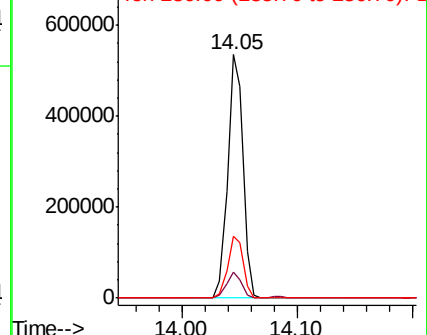
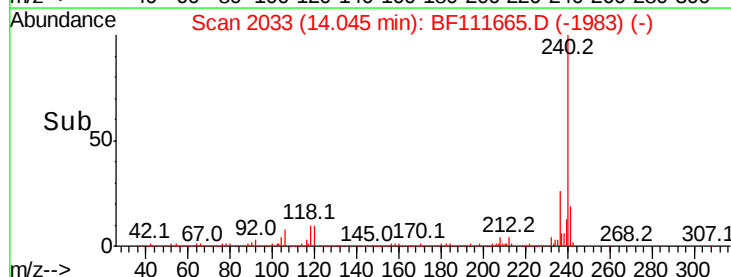
236 25.6 20.2 30.2

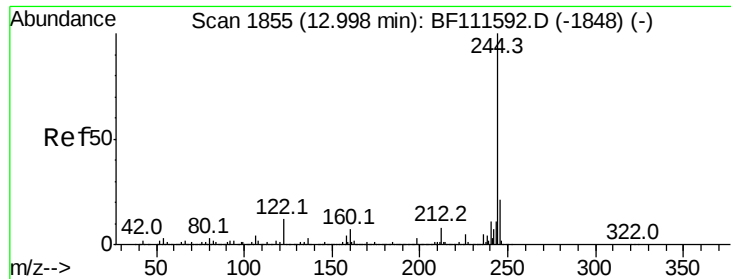


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 48.898 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF111665.D

Acq: 21 Dec 2018 3:27

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1824-01

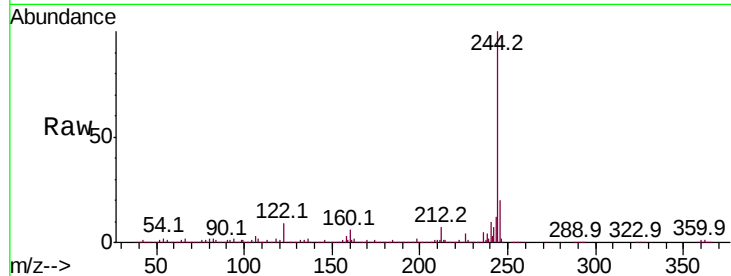
Tot Ion:244 Resp: 1266561

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

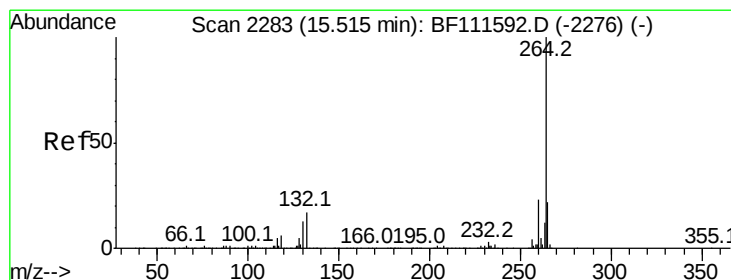
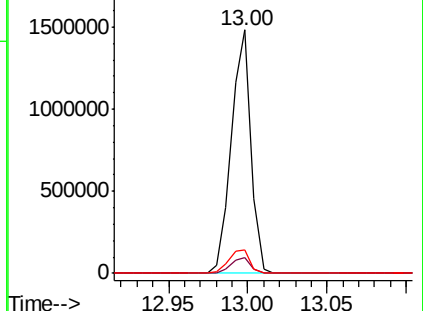
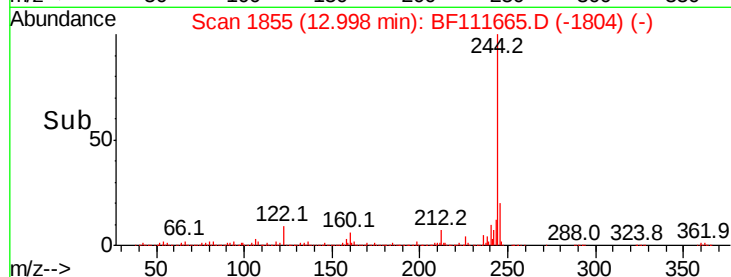
122 9.5 13.1 19.7#



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: 15.52 min Scan# 2284

Delta R.T. 0.01 min

Lab File: BF111665.D

Acq: 21 Dec 2018 3:27

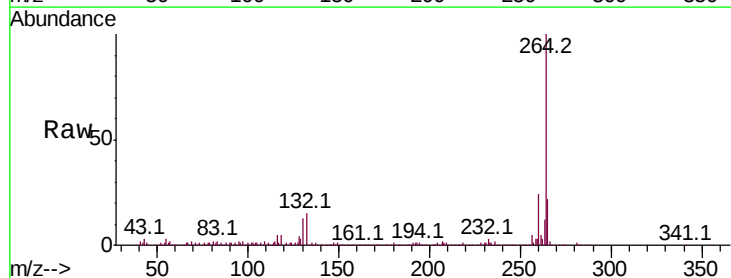
Tgt Ion:264 Resp: 356764

Ion Ratio Lower Upper

264 100

260 24.4 18.3 27.5

265 21.5 17.7 26.5



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

