

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111819\
 Data File : BP001070.D
 Acq On : 19 Nov 2019 01:11
 Operator : JU
 Sample : K5865-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 4-(4-6)

Quant Time: Nov 19 04:55:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:07:13 2019
 Response via : Initial Calibration

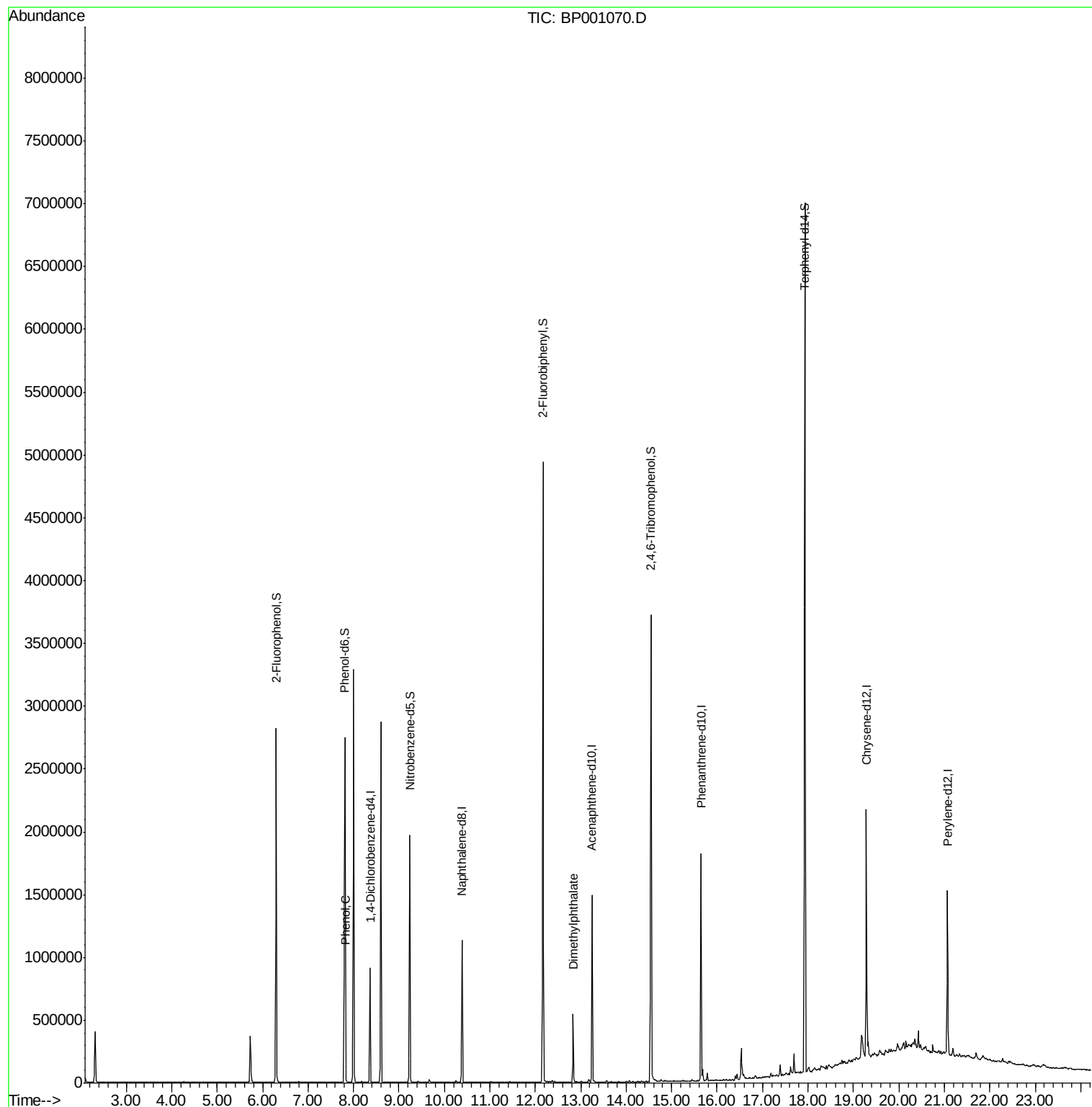
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	172926	20.00	ng	-0.01
21) Naphthalene-d8	10.39	136	652426	20.00	ng	-0.02
39) Acenaphthene-d10	13.25	164	400489	20.00	ng	-0.02
64) Phenanthrene-d10	15.65	188	866022	20.00	ng	-0.01
76) Chrysene-d12	19.29	240	736044	20.00	ng	-0.01
87) Perylene-d12	21.07	264	718073	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	1010664	106.38	ng	0.00
7) Phenol-d6	7.81	99	1335429	111.16	ng	0.00
23) Nitrobenzene-d5	9.24	82	840691	71.28	ng	-0.02
42) 2,4,6-Tribromophenol	14.55	330	653237	136.63	ng	-0.01
45) 2-Fluorobiphenyl	12.17	172	1981951	74.53	ng	-0.02
79) Terphenyl-d14	17.93	244	2913952	78.75	ng	0.00
Target Compounds						
10) Phenol	7.83	94	90801	6.910	ng	91
50) Dimethylphthalate	12.83	163	271628	9.172	ng	99

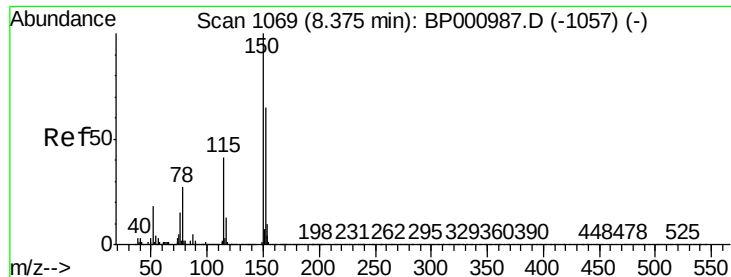
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.36 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BP001070.D

Acq: 19 Nov 2019 01:11

Instrument :

BNA_P

ClientSampleId :

4-(4-6)

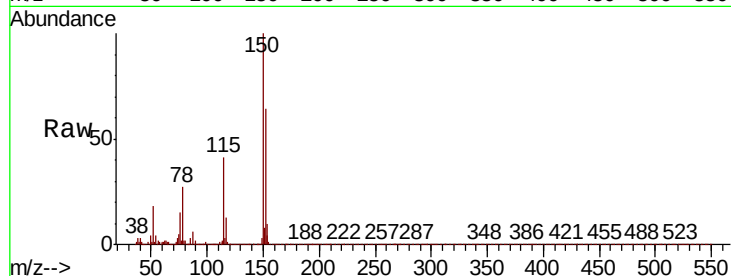
Tot Ion:152 Resp: 172926

Ion Ratio Lower Upper

152 100

150 156.5 123.6 185.4

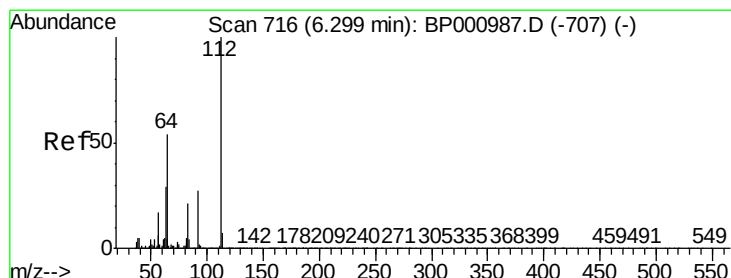
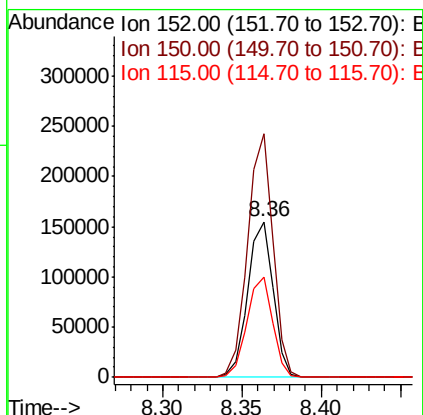
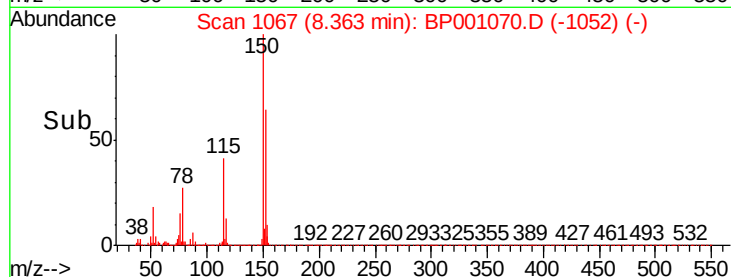
115 64.6 50.1 75.1



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: 106.380 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BP001070.D

Acq: 19 Nov 2019 01:11

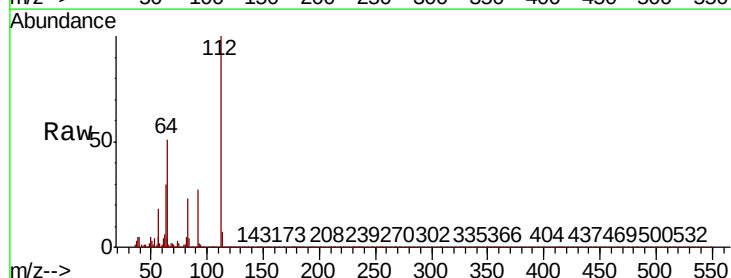
Tgt Ion:112 Resp: 1010664

Ion Ratio Lower Upper

112 100

64 51.0 43.4 65.0

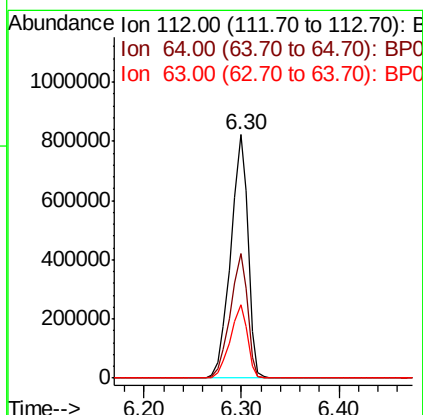
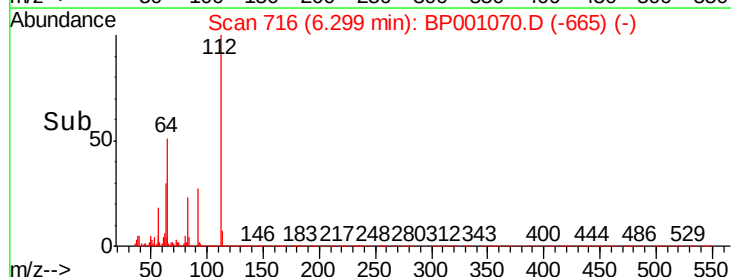
63 30.2 23.4 35.0

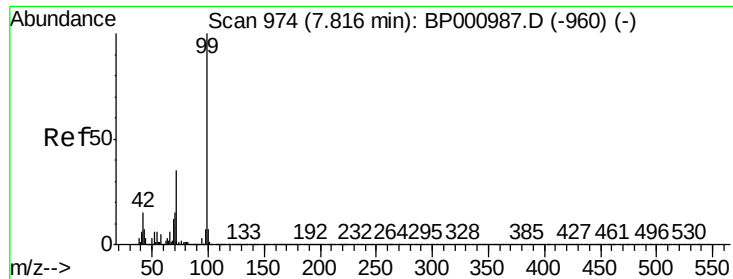


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 111.157 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BP001070.D

Acq: 19 Nov 2019 01:11

Instrument :

BNA_P

ClientSampleId :

4-(4-6)

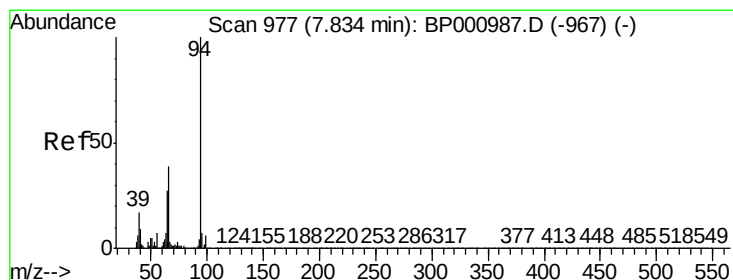
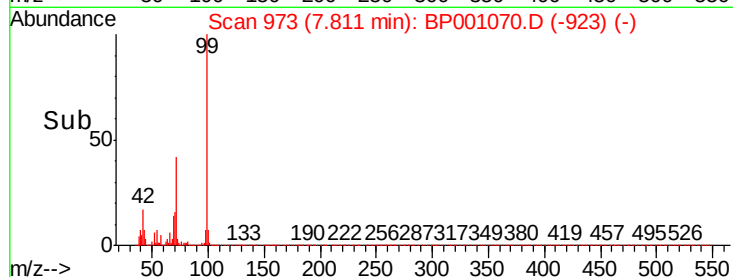
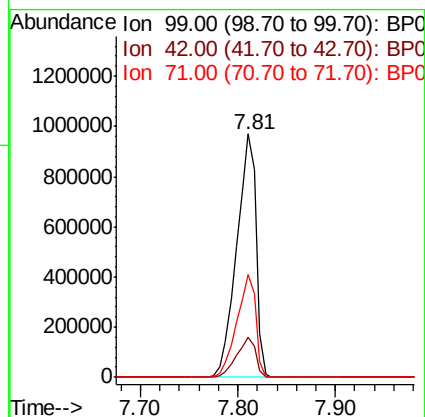
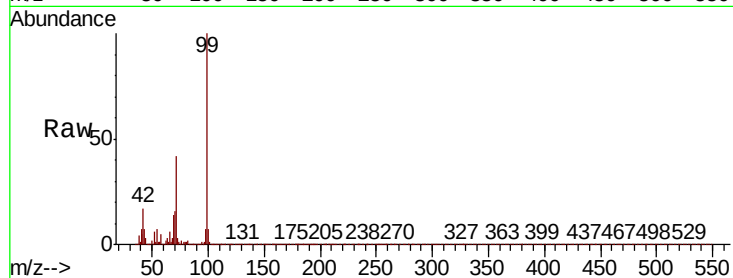
Tot Ion: 99 Resp: 1335429

Ion Ratio Lower Upper

99 100

42 16.6 11.6 17.4

71 42.0 28.0 42.0#



#10

Phenol

Concen: 6.910 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BP001070.D

Acq: 19 Nov 2019 01:11

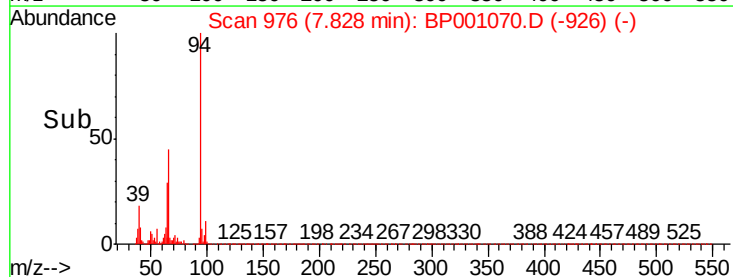
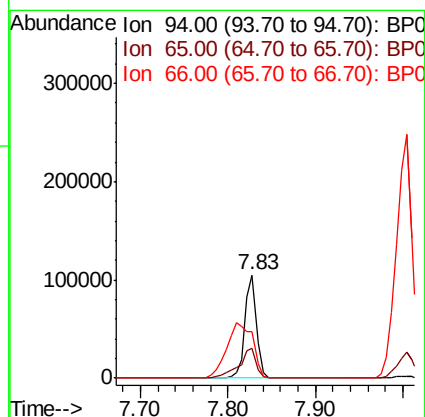
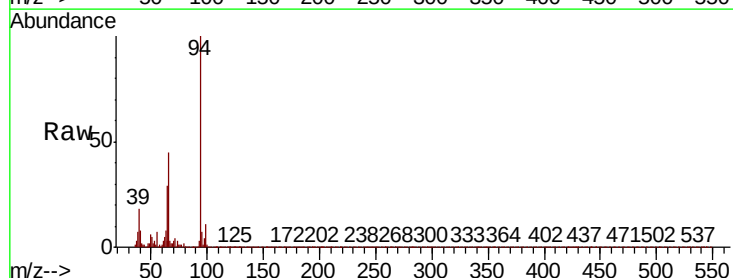
Tgt Ion: 94 Resp: 90801

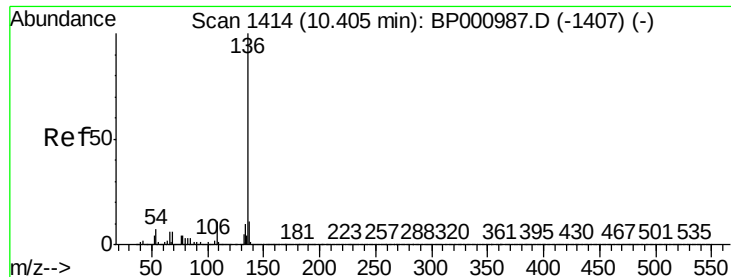
Ion Ratio Lower Upper

94 100

65 29.5 6.7 46.7

66 45.4 18.6 58.6

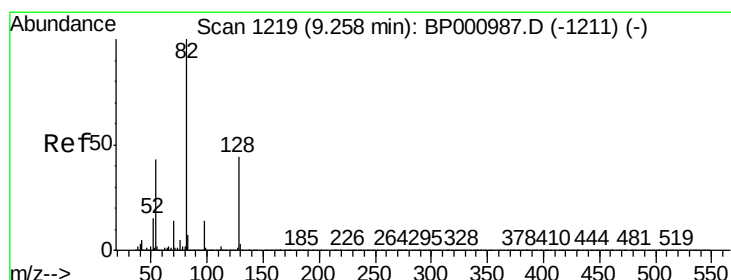
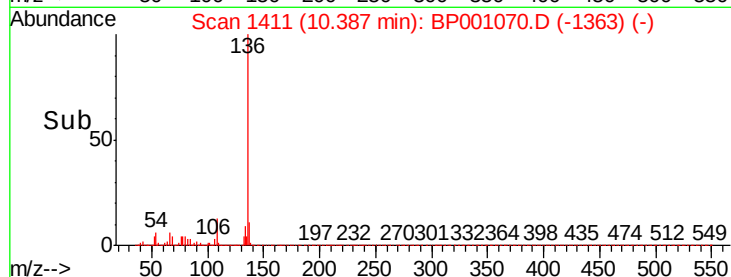
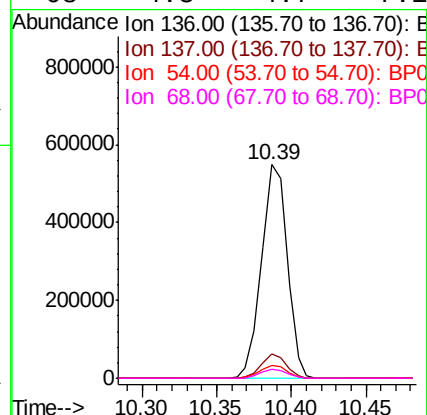
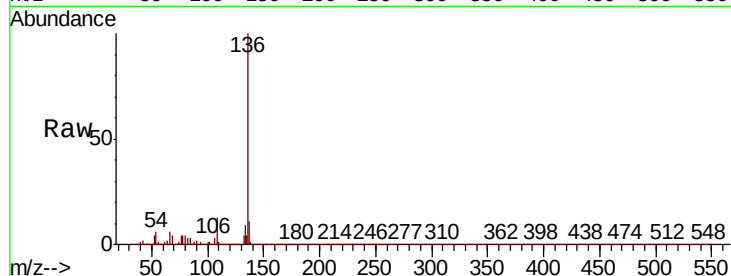




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BP001070.D
Acq: 19 Nov 2019 01:11

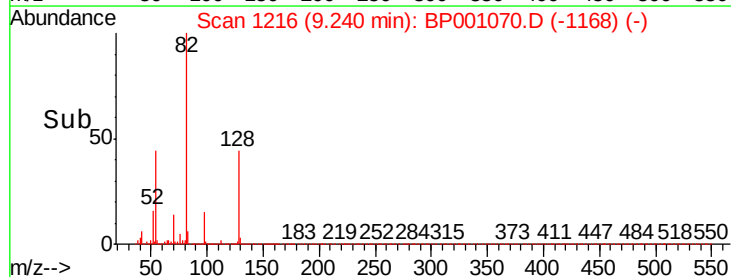
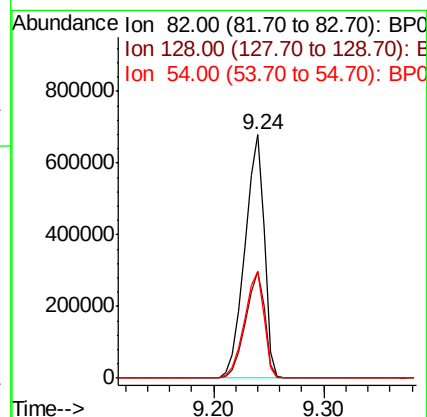
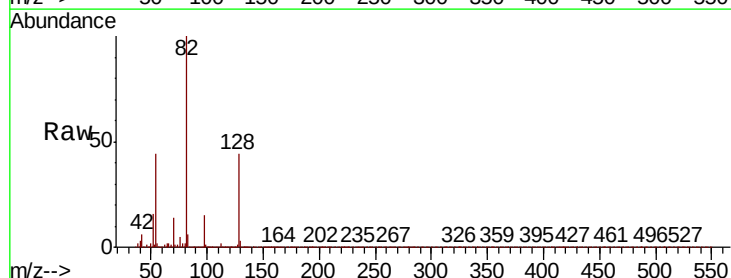
Instrument :
BNA_P
ClientSampleId :
4-(4-6)

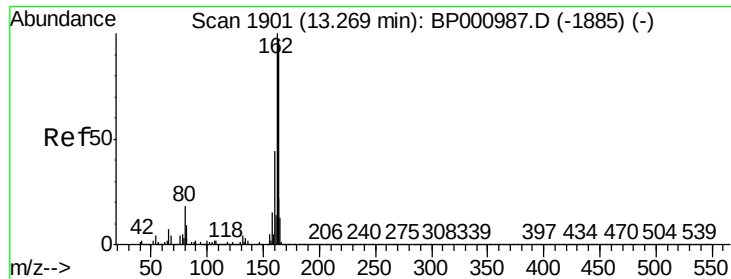
Tot Ion:136	Resp: 652426
Ion Ratio	Lower Upper
136 100	
137 11.3	9.0 13.6
54 5.9	5.4 8.2
68 4.3	4.7 7.1#



#23
Nitrobenzene-d5
Concen: 71.279 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.02 min
Lab File: BP001070.D
Acq: 19 Nov 2019 01:11

Tgt	Ion: 82	Resp:	840691
Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.3	52.9
54	43.9	34.3	51.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.25 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BP001070.D

Acq: 19 Nov 2019 01:11

Instrument :

BNA_P

ClientSampleId :

4-(4-6)

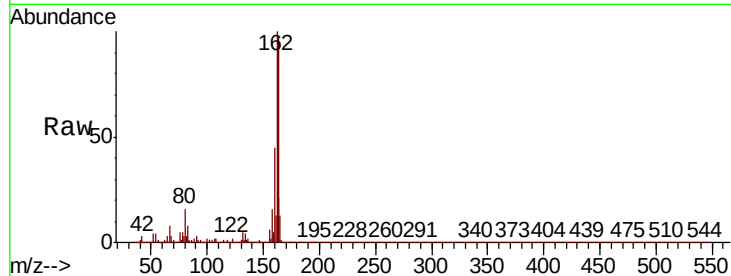
Tot Ion:164 Resp: 400489

Ion Ratio Lower Upper

164 100

162 102.8 82.6 123.8

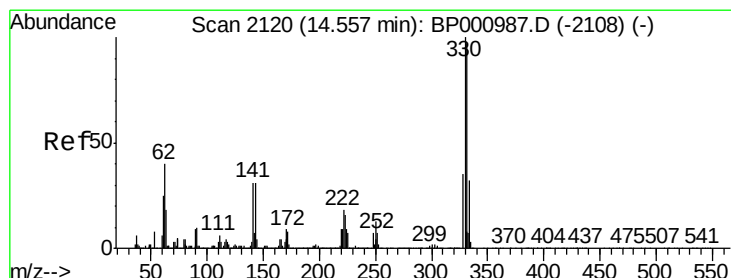
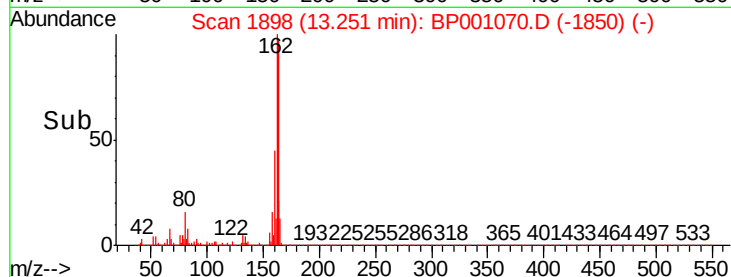
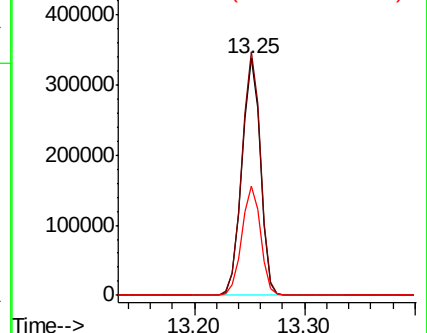
160 46.1 36.5 54.7



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: 136.634 ng

RT: 14.55 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BP001070.D

Acq: 19 Nov 2019 01:11

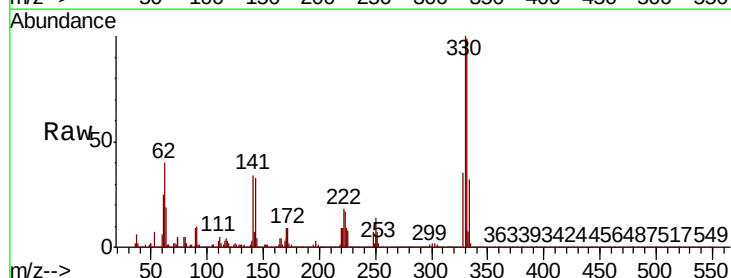
Tgt Ion:330 Resp: 653237

Ion Ratio Lower Upper

330 100

332 97.5 78.3 117.5

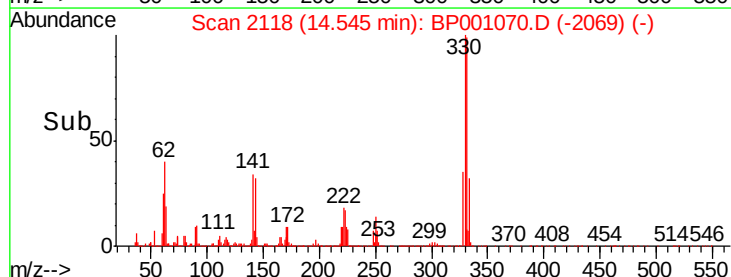
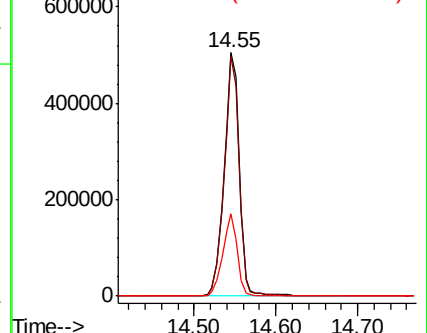
141 32.5 25.0 37.4

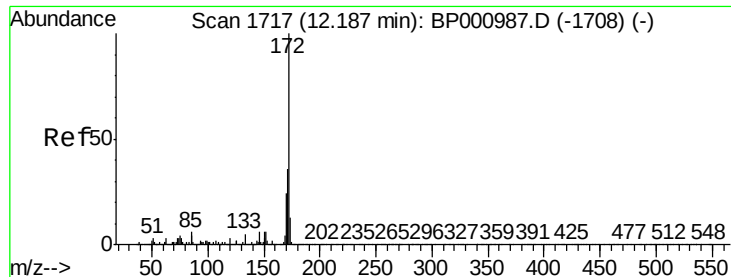


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

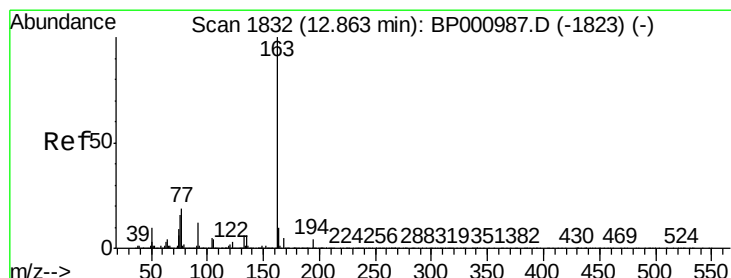
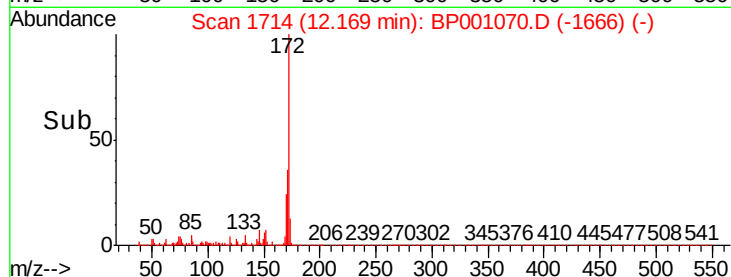
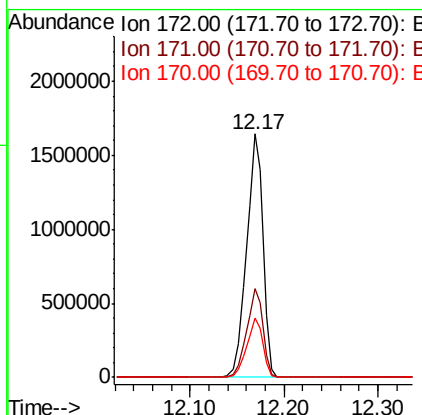
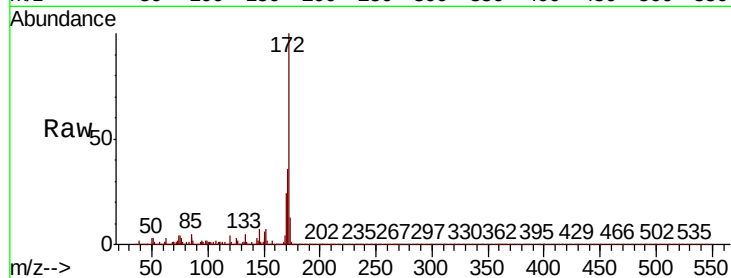




#45
2-Fluorobiphenyl
Concen: 74.534 ng
RT: 12.17 min Scan# 1714
Delta R.T. -0.02 min
Lab File: BP001070.D
Acq: 19 Nov 2019 01:11

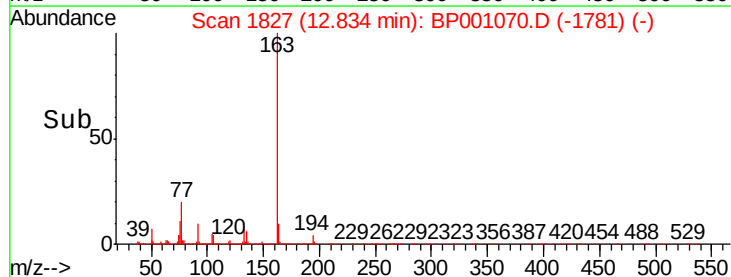
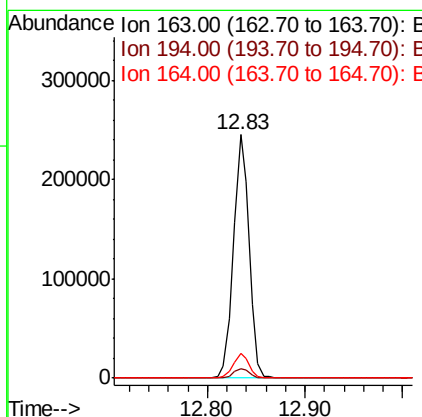
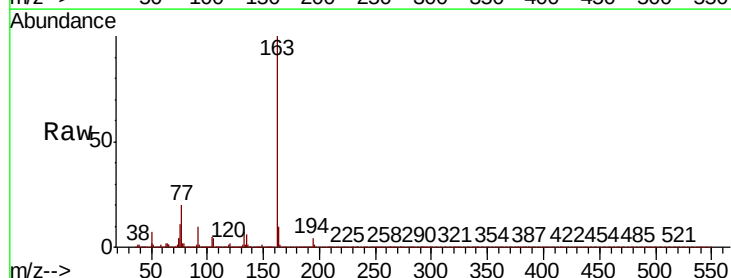
Instrument :
BNA_P
ClientSampleId :
4-(4-6)

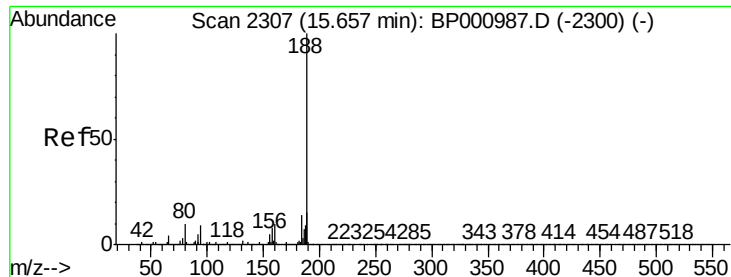
Tot Ion:172 Resp: 1981951
Ion Ratio Lower Upper
172 100
171 36.3 28.5 42.7
170 24.1 18.9 28.3



#50
Dimethylphthalate
Concen: 9.172 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.03 min
Lab File: BP001070.D
Acq: 19 Nov 2019 01:11

Tgt Ion:163 Resp: 271628
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 10.3 7.9 11.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.65 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BP001070.D

Acq: 19 Nov 2019 01:11

Instrument :

BNA_P

ClientSampleId :

4-(4-6)

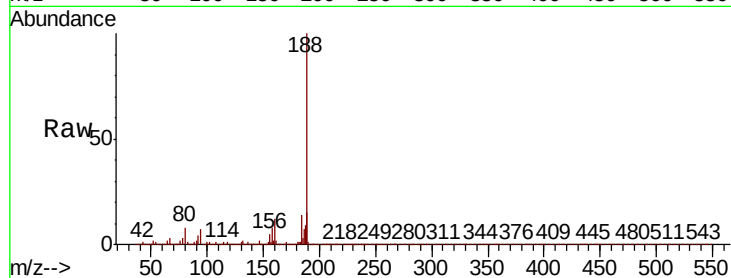
Tot Ion:188 Resp: 866022

Ion Ratio Lower Upper

188 100

94 7.0 7.4 11.2#

80 7.8 7.9 11.9#

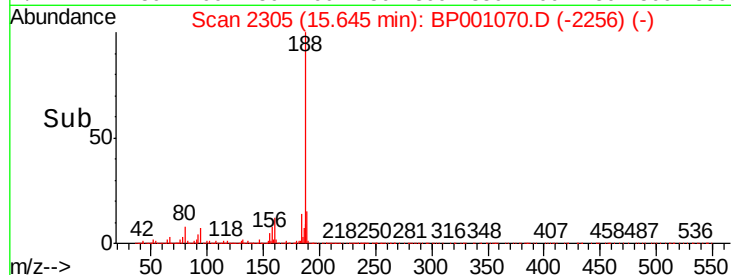


Abundance Ion 188.00 (187.70 to 188.70): E

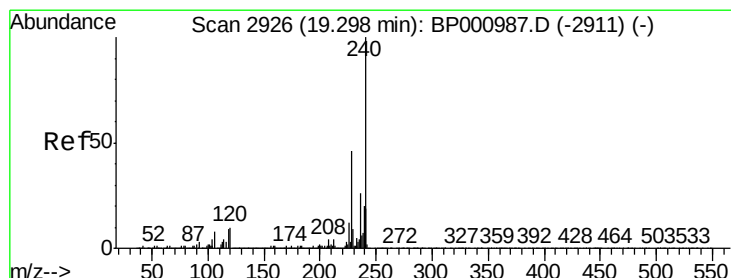
Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

15.65



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.29 min Scan# 2924

Delta R.T. -0.01 min

Lab File: BP001070.D

Acq: 19 Nov 2019 01:11

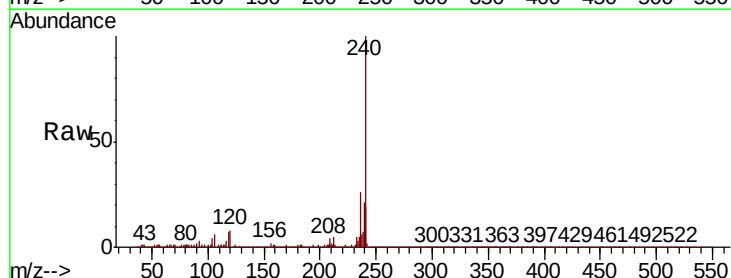
Tgt Ion:240 Resp: 736044

Ion Ratio Lower Upper

240 100

120 7.8 8.2 12.2#

236 26.3 20.5 30.7

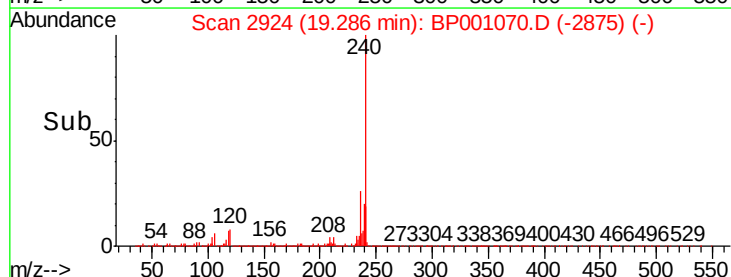


Abundance Ion 240.00 (239.70 to 240.70): E

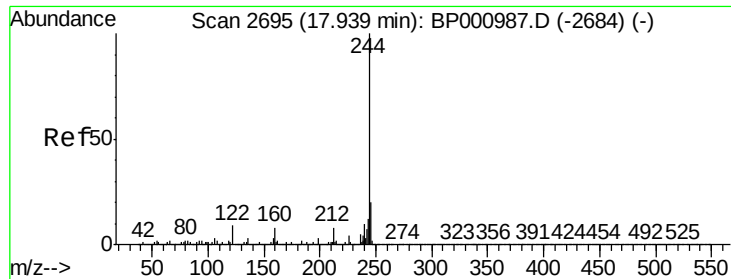
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

19.29



Time-->



#79

Terphenyl-d14

Concen: 78.749 ng

RT: 17.93 min Scan# 2694

Delta R.T. -0.01 min

Lab File: BP001070.D

Acq: 19 Nov 2019 01:11

Instrument :

BNA_P

ClientSampleId :

4-(4-6)

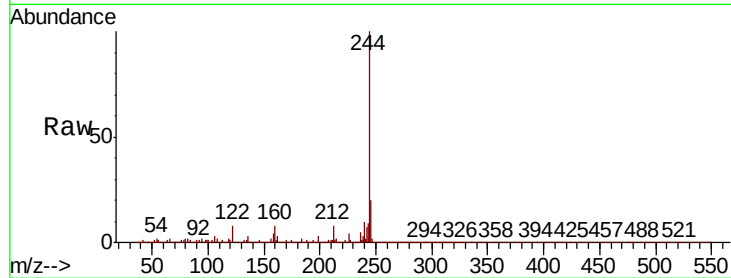
Tot Ion:244 Resp: 2913952

Ion Ratio Lower Upper

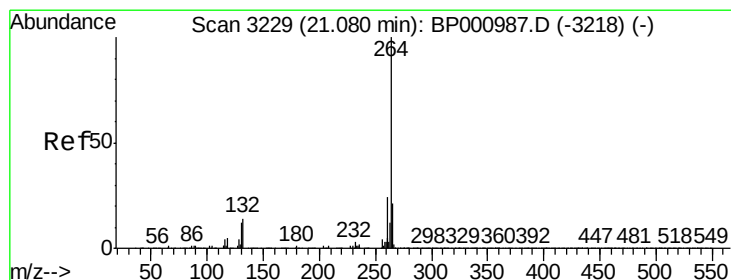
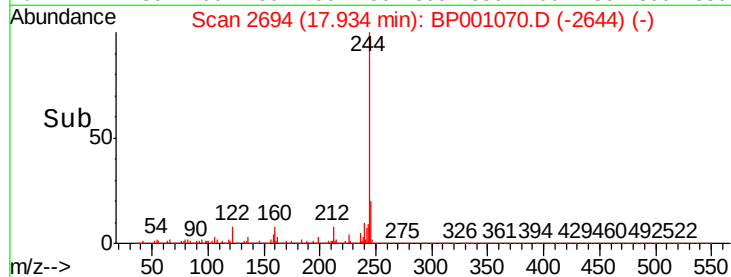
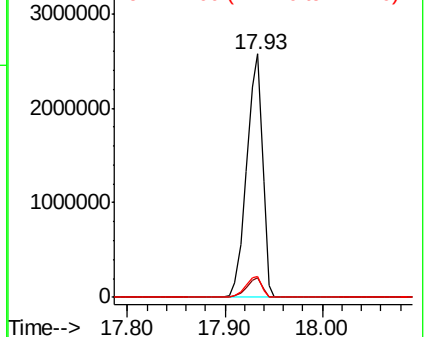
244 100

212 7.8 6.0 9.0

122 8.5 7.4 11.2



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: 21.07 min Scan# 3227

Delta R.T. -0.01 min

Lab File: BP001070.D

Acq: 19 Nov 2019 01:11

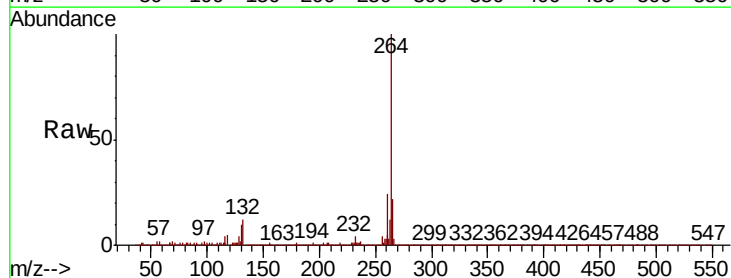
Tgt Ion:264 Resp: 718073

Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 22.4 17.1 25.7



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

