

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101119\
 Data File : BP000635.D
 Acq On : 11 Oct 2019 16:46
 Operator : JU
 Sample : K5266-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20190851-COMPOSITE-C

Quant Time: Oct 11 23:36:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

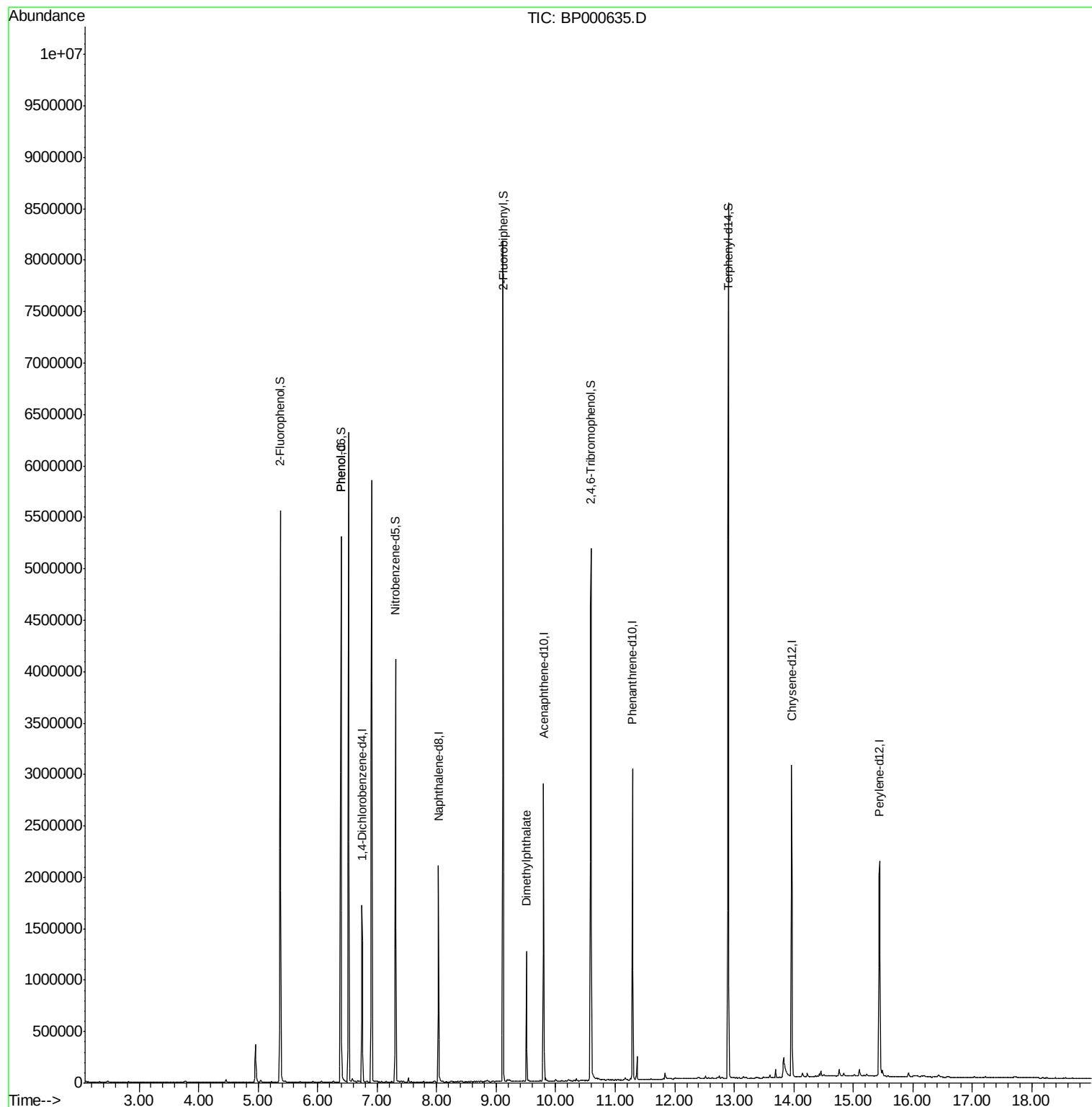
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	262190	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	945246	20.00	ng	-0.03
39) Acenaphthene-d10	9.79	164	541973	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	1042486	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	911812	20.00	ng	-0.02
87) Perylene-d12	15.44	264	947689	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1846277	113.19	ng	-0.02
7) Phenol-d6	6.39	99	2386690	121.43	ng	-0.02
23) Nitrobenzene-d5	7.31	82	1312153	84.78	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	723059	125.20	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	2636653	78.71	ng	-0.02
79) Terphenyl-d14	12.90	244	3108914	69.04	ng	-0.02
Target Compounds						
10) Phenol	6.40	94	116583	5.793	ng	93
50) Dimethylphthalate	9.51	163	491713	13.057	ng	100

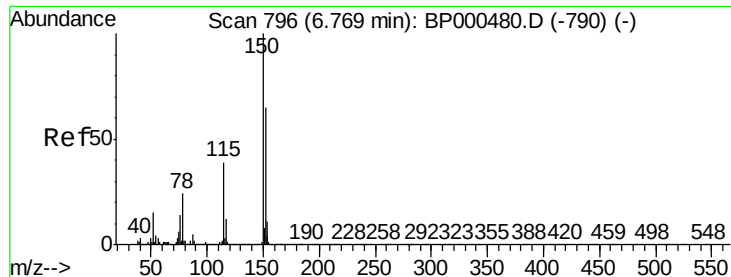
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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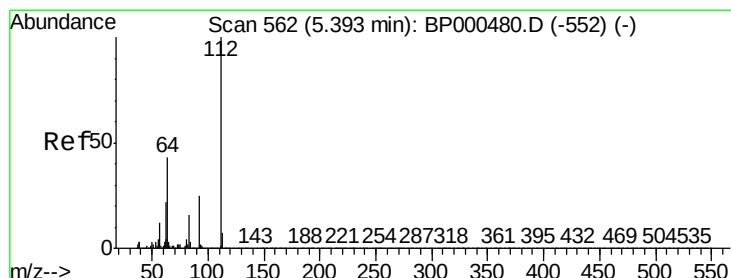
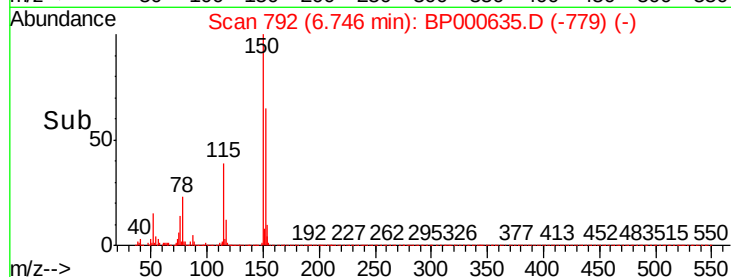
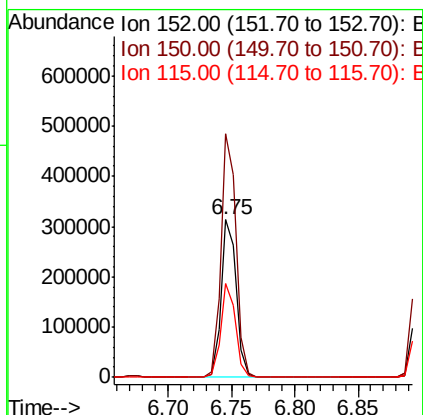
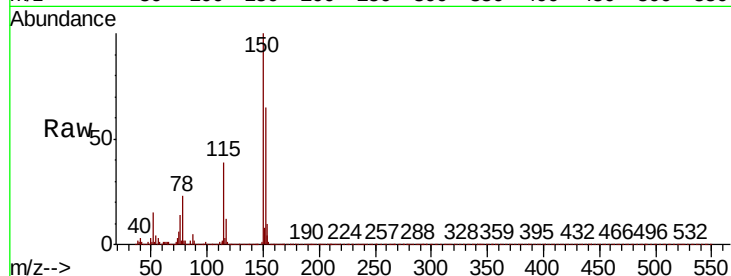


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BP000635.D
Acq: 11 Oct 2019 16:46

Instrument :
BNA_P
ClientSampleId :
20190851-COMPOSITE-C

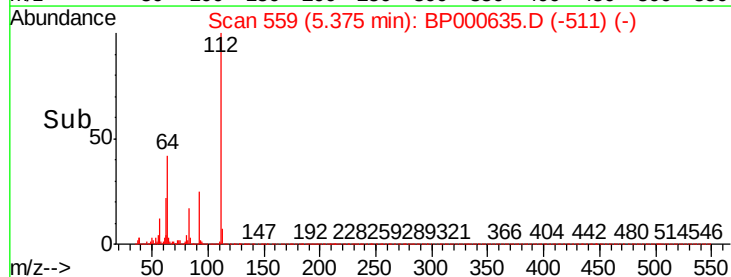
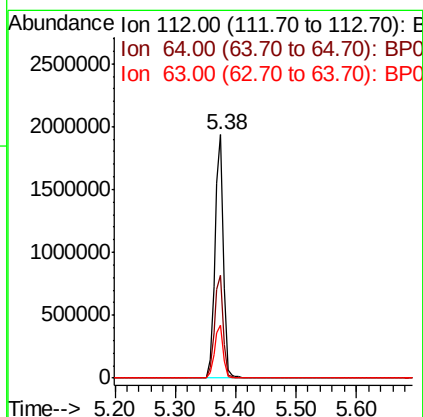
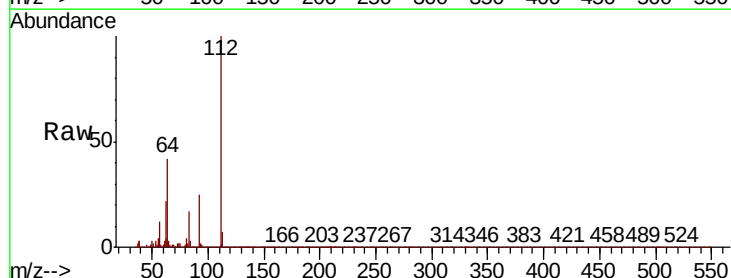
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.1	186.1
115	59.9	48.7	73.1

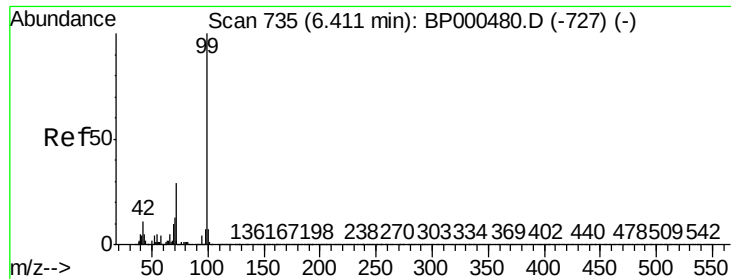


#5

2-Fluorophenol
Concen: 113.192 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000635.D
Acq: 11 Oct 2019 16:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.2	34.2	51.4
63	21.9	17.9	26.9





#7

Phenol-d6

Concen: 121.426 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000635.D

Acq: 11 Oct 2019 16:46

Instrument :

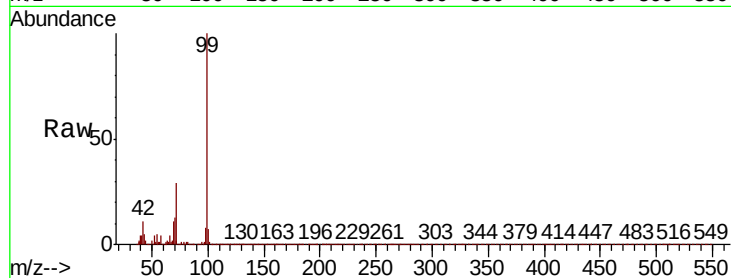
BNA_P

ClientSampleId :

20190851-COMPOSITE-C

Tot Ion: 99 Resp: 2386690

Ion	Ratio	Lower	Upper
99	100		
42	10.5	8.6	12.8
71	29.1	23.0	34.4



Abundance

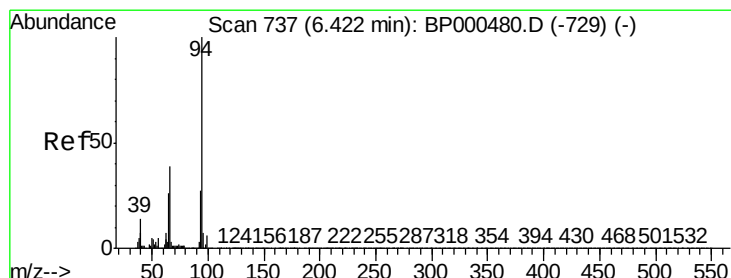
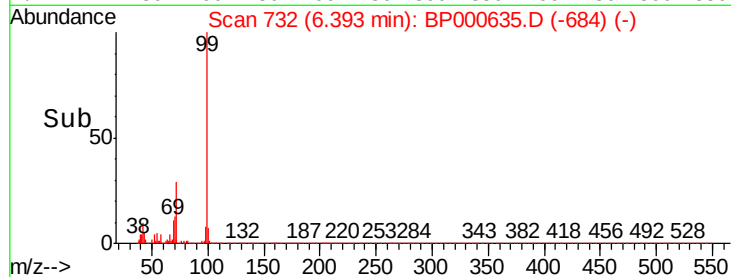
Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

6.39

Time-->



#10

Phenol

Concen: 5.793 ng

RT: 6.40 min Scan# 733

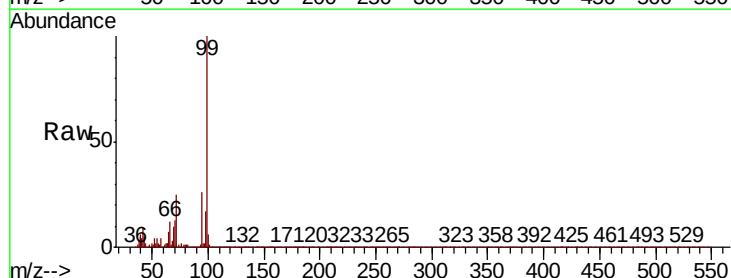
Delta R.T. -0.02 min

Lab File: BP000635.D

Acq: 11 Oct 2019 16:46

Tgt Ion: 94 Resp: 116583

Ion	Ratio	Lower	Upper
94	100		
65	27.2	5.9	45.9
66	45.1	18.8	58.8



Abundance

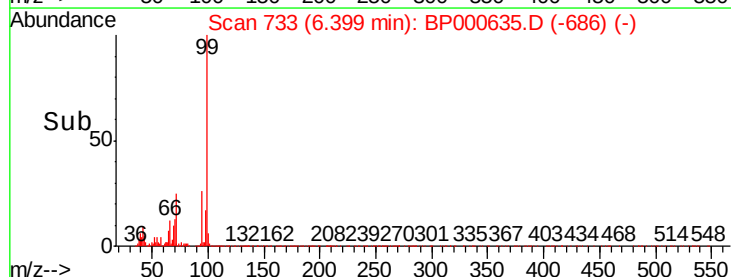
Ion 94.00 (93.70 to 94.70): BP0

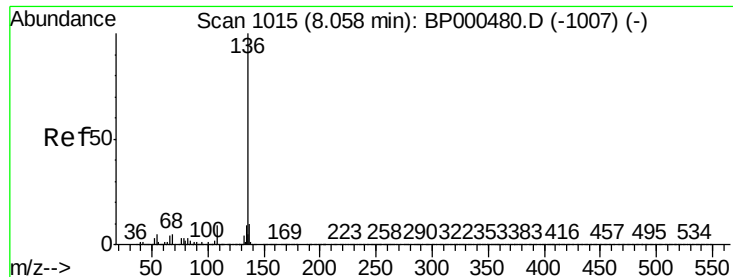
Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

6.40

Time-->





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.03 min

Lab File: BP000635.D

Acq: 11 Oct 2019 16:46

Instrument :

BNA_P

ClientSampleId :

20190851-COMPOSITE-C

Tot Ion:136 Resp: 945246

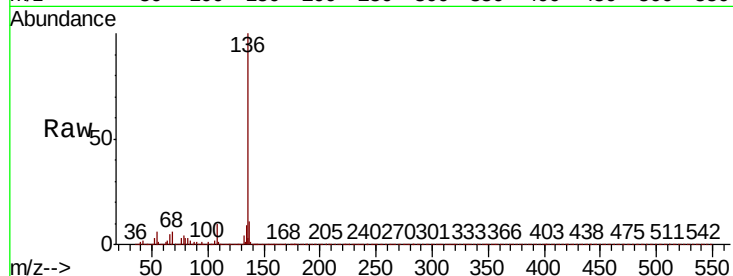
Ion Ratio Lower Upper

136 100

137 11.4 8.2 12.4

54 6.3 4.1 6.1#

68 5.8 4.1 6.1

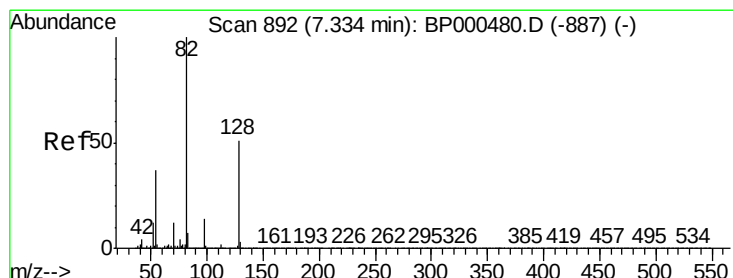
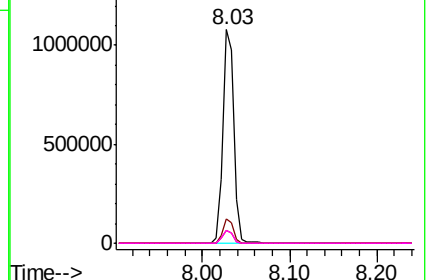
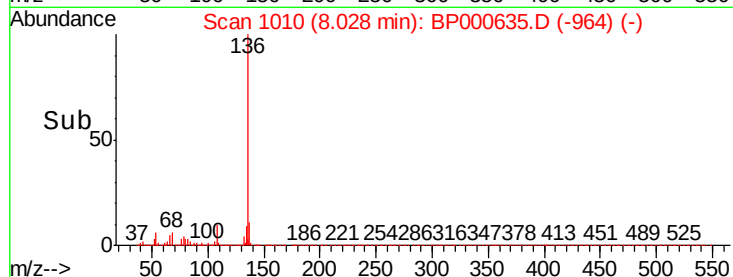


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#23

Nitrobenzene-d5

Concen: 84.782 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.02 min

Lab File: BP000635.D

Acq: 11 Oct 2019 16:46

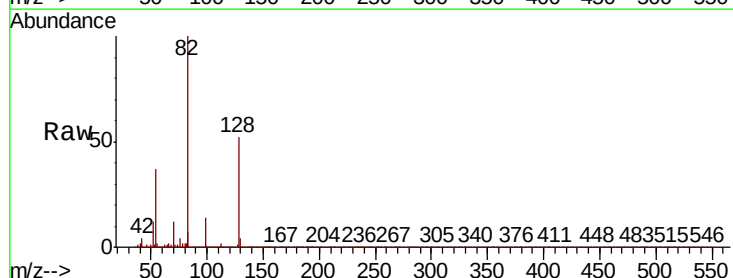
Tgt Ion: 82 Resp: 1312153

Ion Ratio Lower Upper

82 100

128 52.1 40.9 61.3

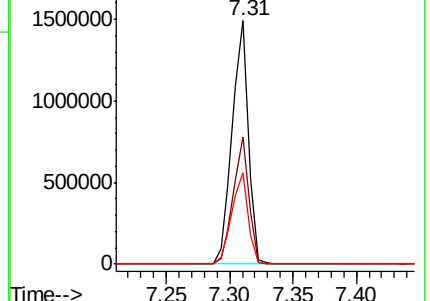
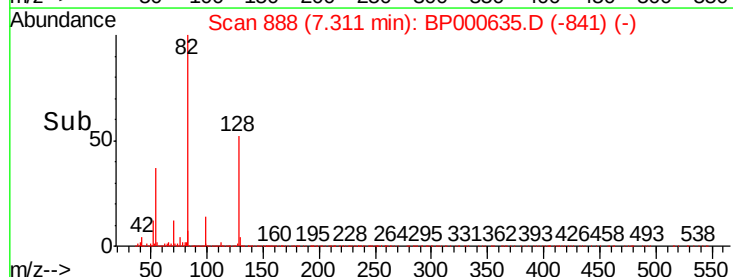
54 37.4 29.4 44.2

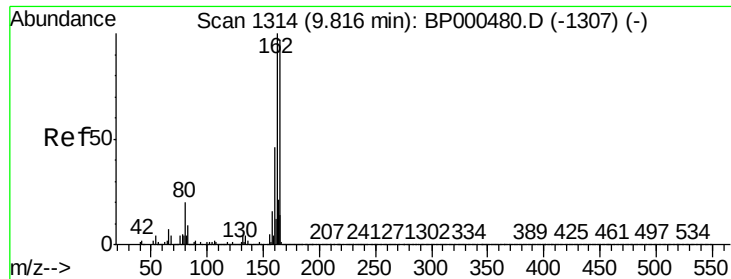


Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0

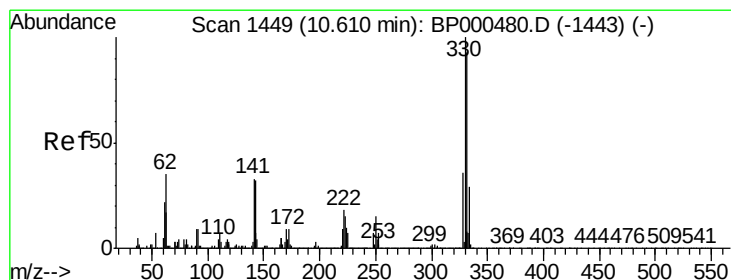
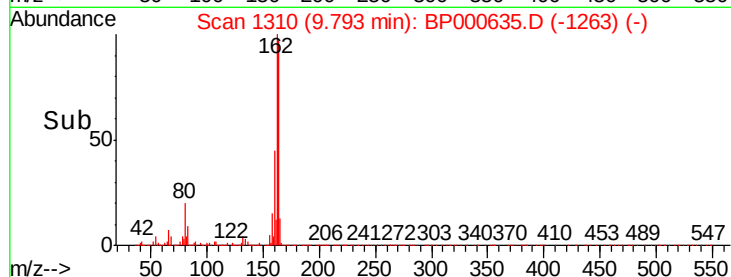
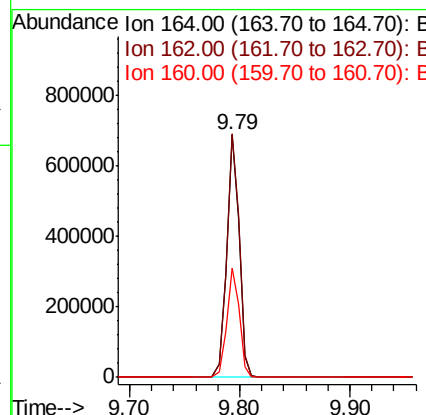
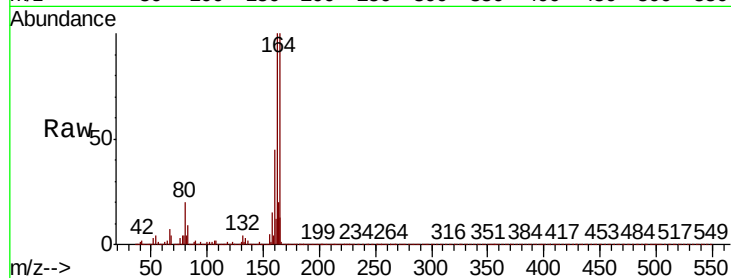




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BP000635.D
Acq: 11 Oct 2019 16:46

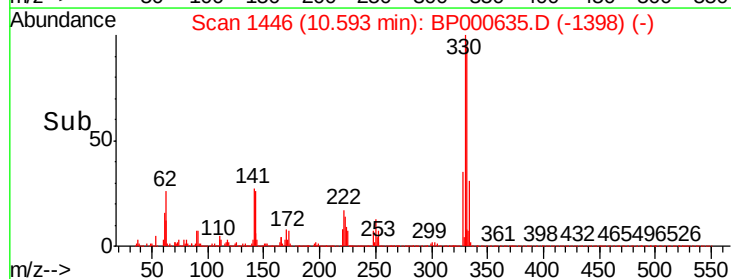
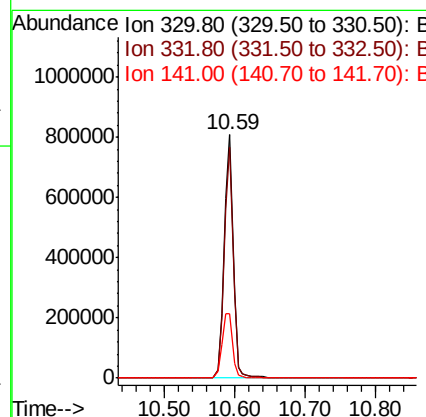
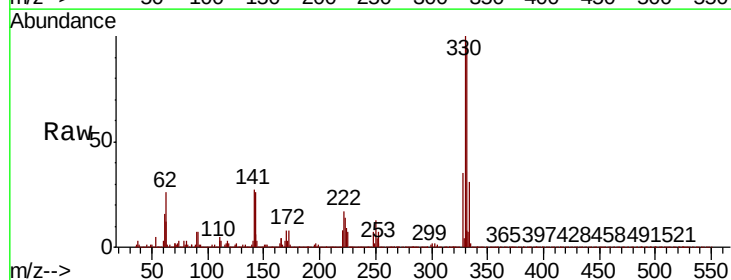
Instrument :
BNA_P
ClientSampleId :
20190851-COMPOSITE-C

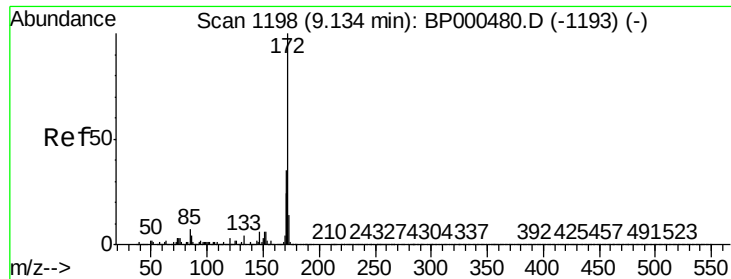
Tot Ion:164 Resp: 541973
Ion Ratio Lower Upper
164 100
162 100.4 82.2 123.2
160 45.1 37.6 56.4



#42
2,4,6-Tribromophenol
Concen: 125.197 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000635.D
Acq: 11 Oct 2019 16:46

Tgt Ion:330 Resp: 723059
Ion Ratio Lower Upper
330 100
332 95.1 77.1 115.7
141 31.5 26.0 39.0





#45

2-Fluorobiphenyl

Concen: 78.714 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.02 min

Lab File: BP000635.D

Acq: 11 Oct 2019 16:46

Instrument :

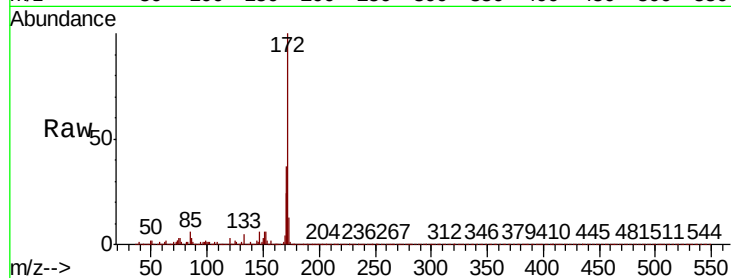
BNA_P

ClientSampleId :

20190851-COMPOSITE-C

Tot Ion:172 Resp: 2636653

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.4	42.6
170	24.4	19.1	28.7

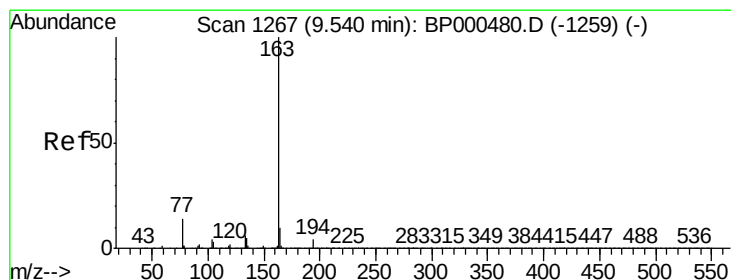
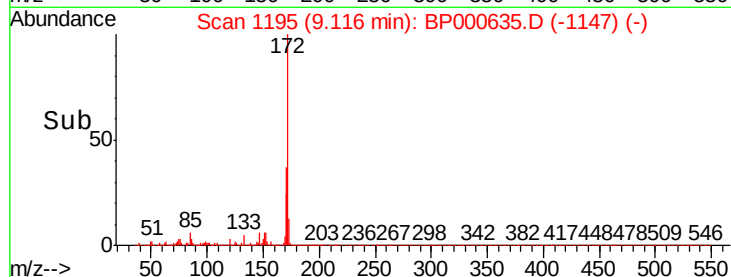
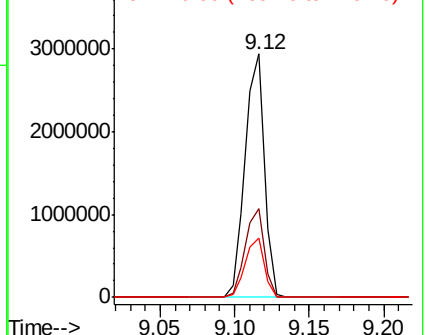


Abundance

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: 13.057 ng

RT: 9.51 min Scan# 1262

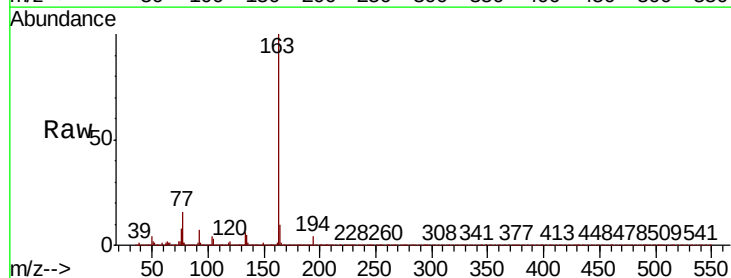
Delta R.T. -0.03 min

Lab File: BP000635.D

Acq: 11 Oct 2019 16:46

Tgt Ion:163 Resp: 491713

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	9.9	8.0	12.0

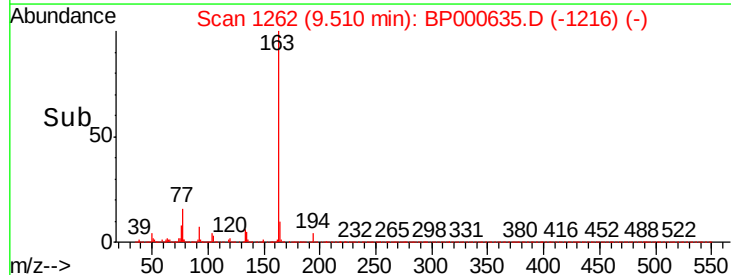
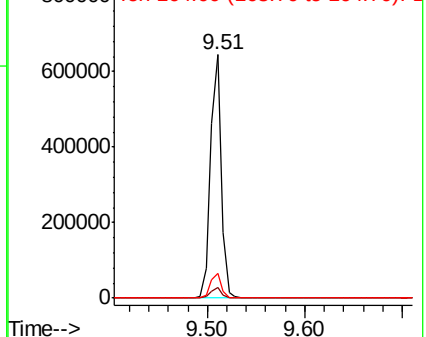


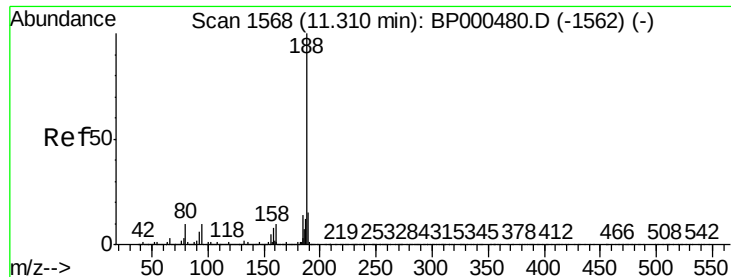
Abundance

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: 11.29 min Scan# 1565

Delta R.T. -0.02 min

Lab File: BP000635.D

Acq: 11 Oct 2019 16:46

Instrument :

BNA_P

ClientSampleId :

20190851-COMPOSITE-C

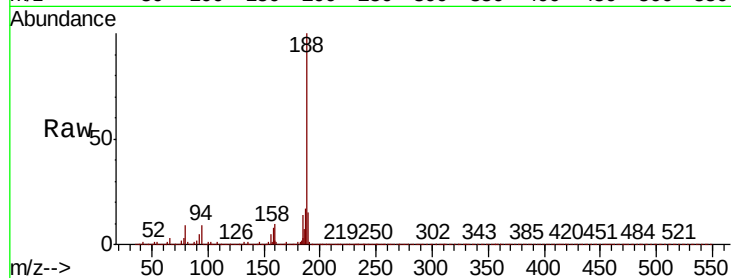
Tot Ion:188 Resp: 1042486

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.2	12.2
80	9.1	8.3	12.5

188 100

94 9.0 8.2 12.2

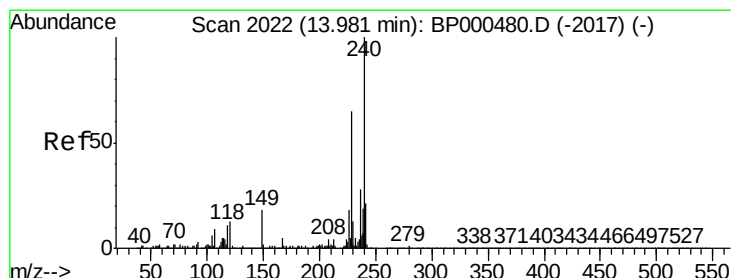
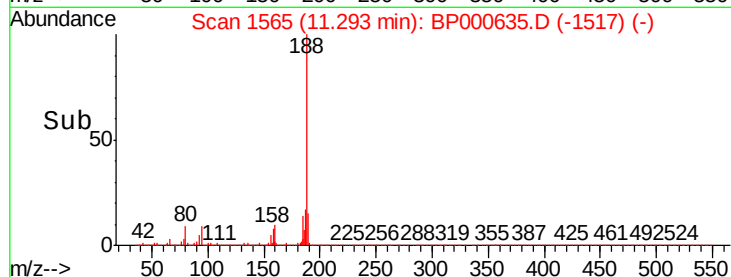
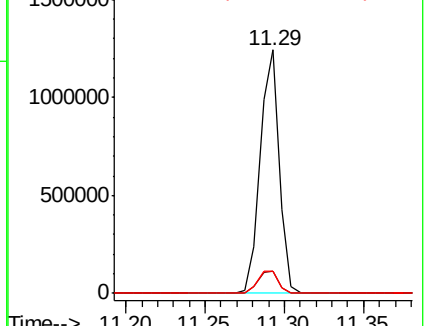
80 9.1 8.3 12.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BP000635.D

Acq: 11 Oct 2019 16:46

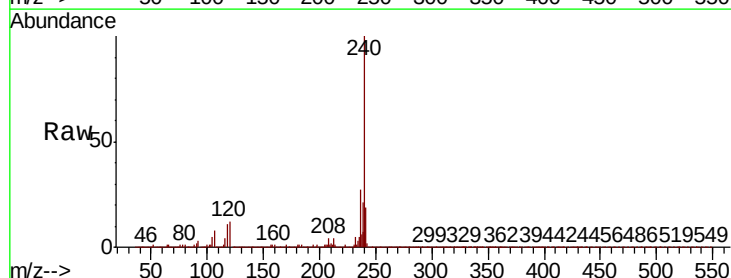
Tgt Ion:240 Resp: 911812

Ion	Ratio	Lower	Upper
240	100		
120	12.1	10.1	15.1
236	26.6	22.7	34.1

240 100

120 12.1 10.1 15.1

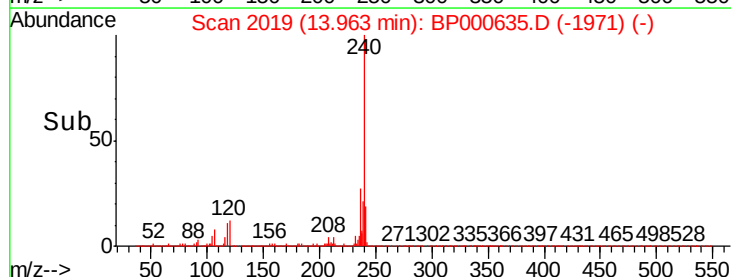
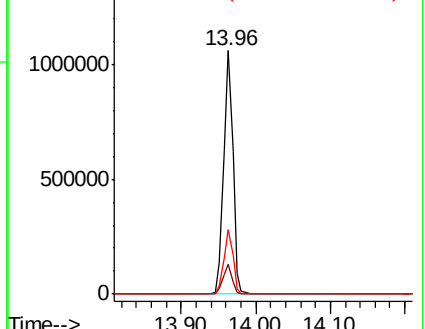
236 26.6 22.7 34.1

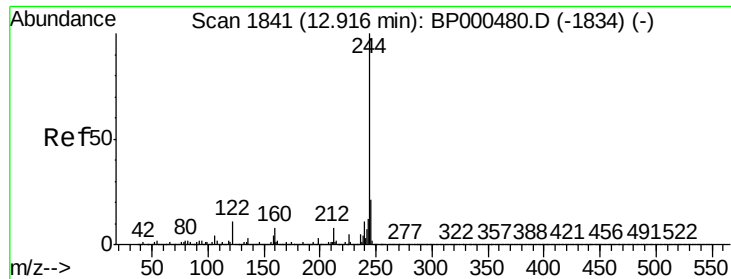


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 69.035 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BP000635.D

Acq: 11 Oct 2019 16:46

Instrument :

BNA_P

ClientSampleId :

20190851-COMPOSITE-C

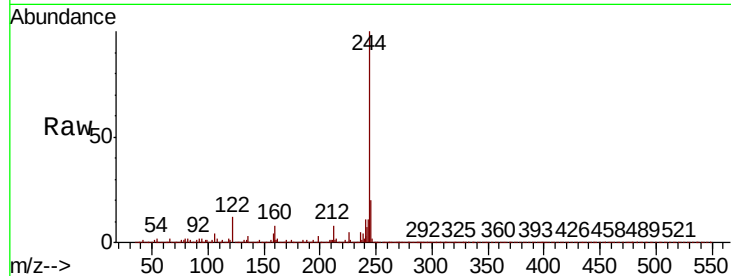
Tot Ion:244 Resp: 3108914

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

122 11.6 8.9 13.3

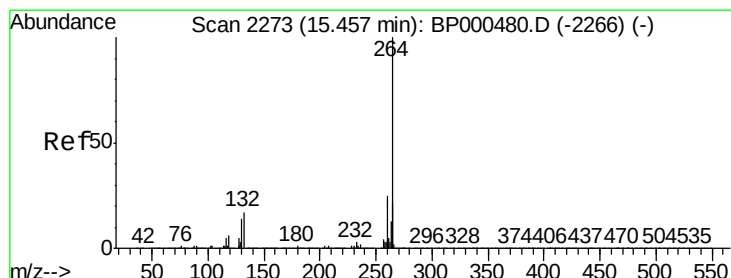
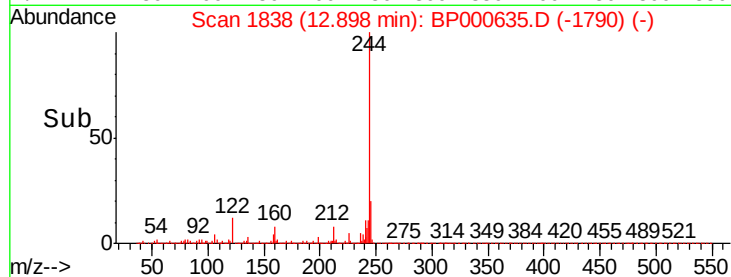
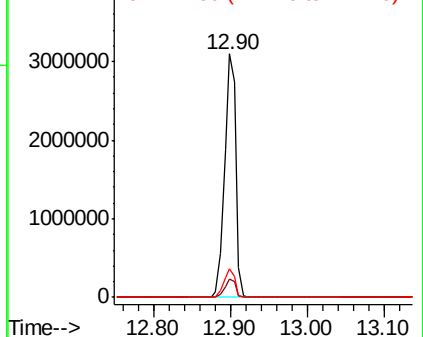


Abundance

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: 15.44 min Scan# 2270

Delta R.T. -0.02 min

Lab File: BP000635.D

Acq: 11 Oct 2019 16:46

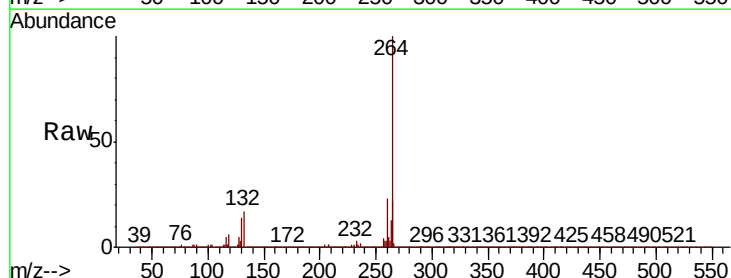
Tgt Ion:264 Resp: 947689

Ion Ratio Lower Upper

264 100

260 23.5 20.3 30.5

265 21.5 18.0 27.0



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

