

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090320\
 Data File : BP003198.D
 Acq On : 03 Sep 2020 10:50
 Operator : CG/JU
 Sample : PB131369BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB131369BL

Quant Time: Sep 03 11:28:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 14:37:05 2020
 Response via : Initial Calibration

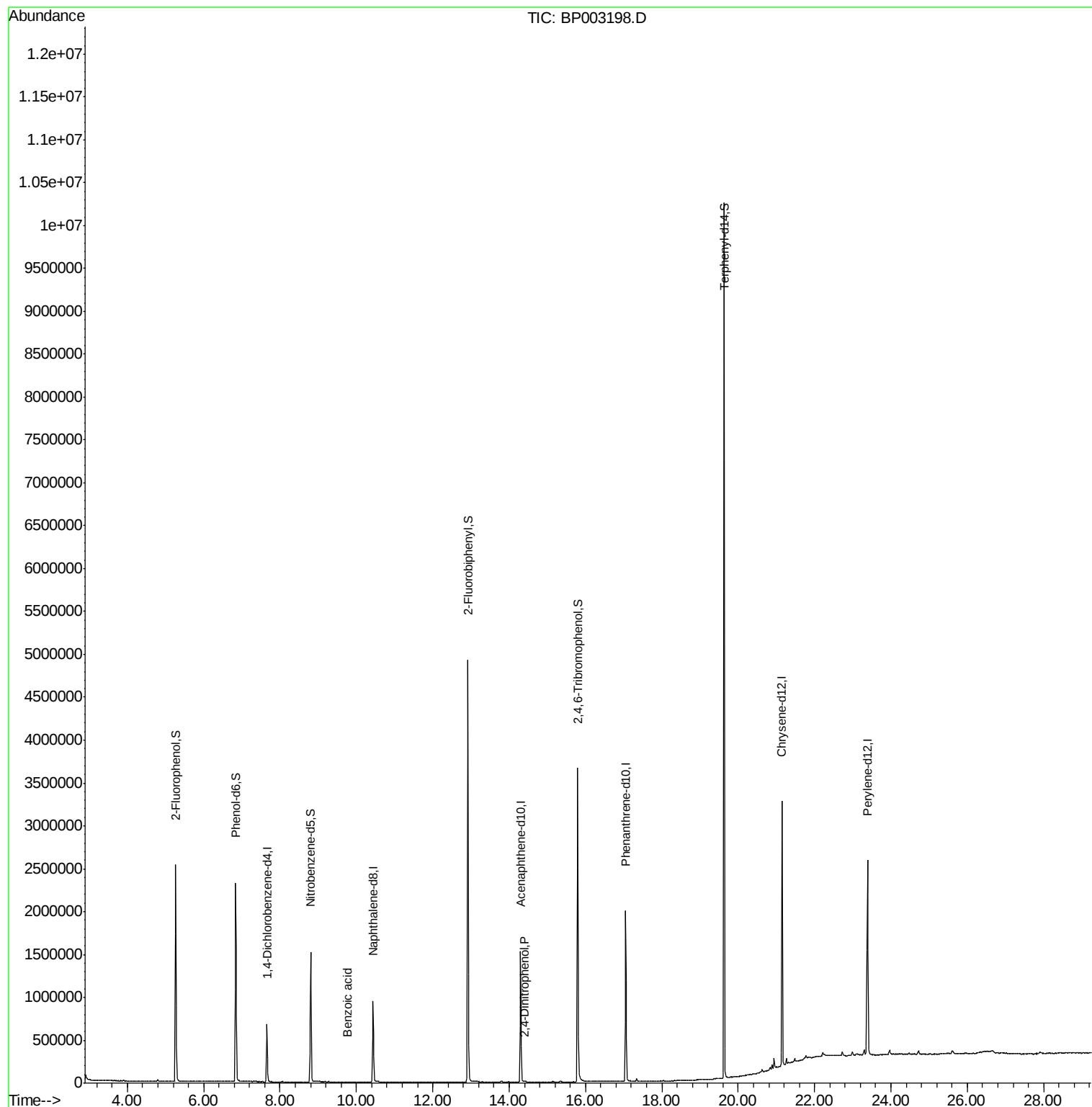
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	218401	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	894158	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	568389	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1283402	20.00	ng	0.00
76) Chrysene-d12	21.15	240	1534455	20.00	ng	0.00
86) Perylene-d12	23.39	264	1756855	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1424044	115.28	ng	0.00
7) Phenol-d6	6.84	99	1669548	107.82	ng	0.00
23) Nitrobenzene-d5	8.80	82	935931	75.46	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	939325	122.19	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	2818249	72.61	ng	0.00
79) Terphenyl-d14	19.63	244	4606391	66.06	ng	0.01
Target Compounds						
32) Benzoic acid	9.78	122	15	8.998	ng	# 1
54) 2,4-Dinitrophenol	14.40	184	27	7.760	ng	# 47

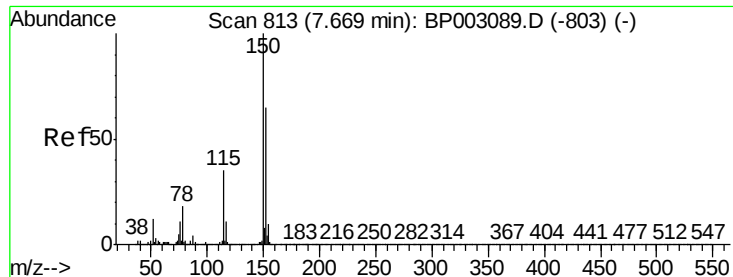
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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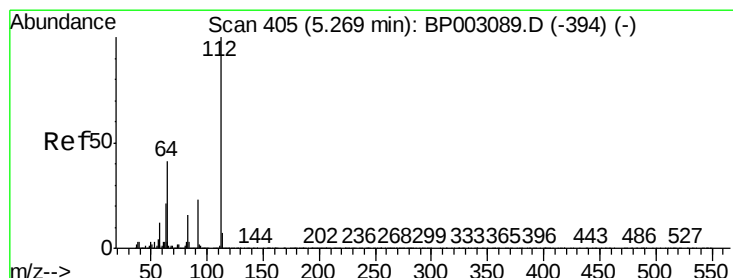
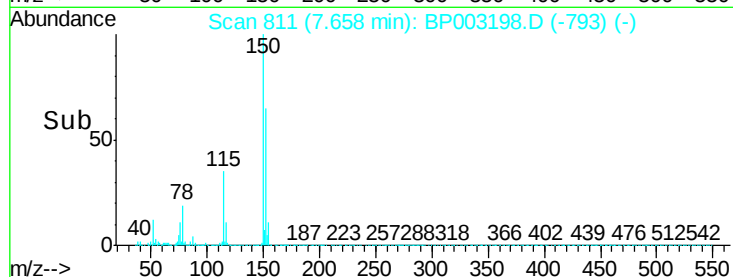
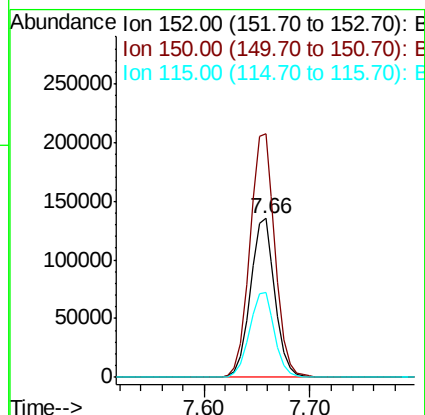
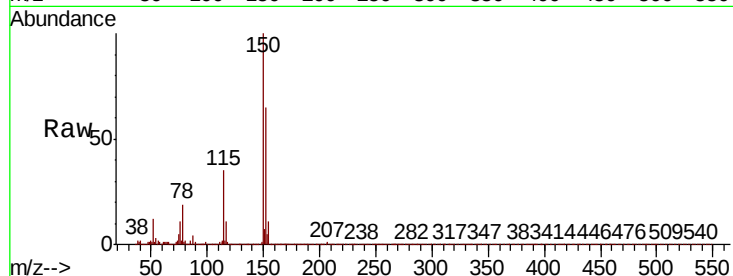


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 811
Delta R.T. 0.01 min
Lab File: BP003198.D
Acq: 03 Sep 2020 10:50

Instrument :
BNA_P
ClientSampled :
PB131369BL

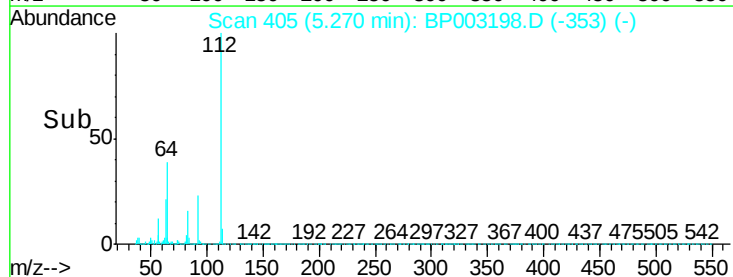
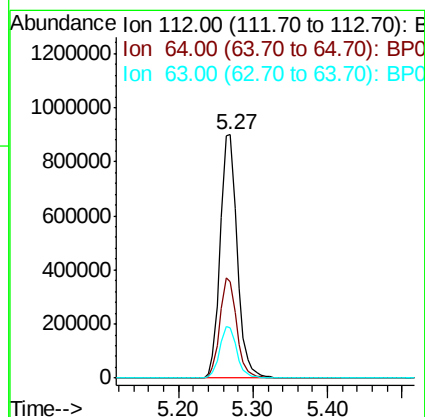
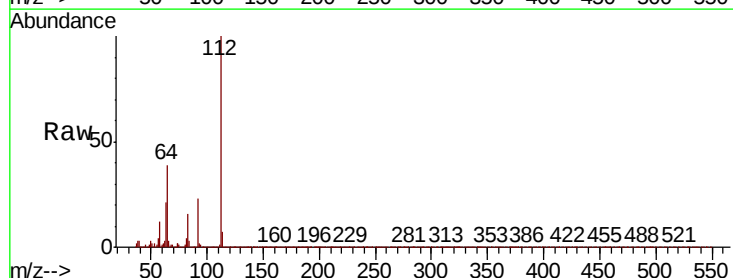
Tot Ion:152 Resp: 218401
Ion Ratio Lower Upper
152 100
150 153.5 123.8 185.6
115 53.7 43.8 65.6

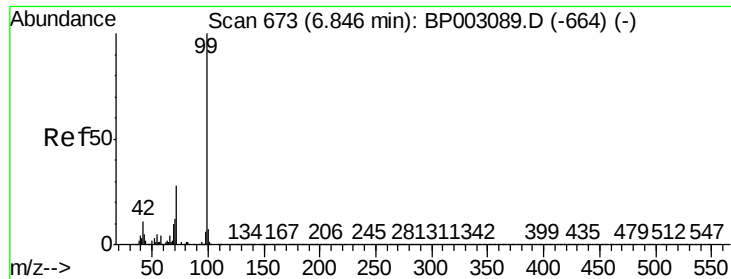


#5

2-Fluorophenol
Concen: 115.281 ng
RT: 5.27 min Scan# 405
Delta R.T. 0.01 min
Lab File: BP003198.D
Acq: 03 Sep 2020 10:50

Tgt Ion:112 Resp: 1424044
Ion Ratio Lower Upper
112 100
64 39.5 32.8 49.2
63 20.9 17.0 25.4





#7

Phenol-d6

Concen: 107.816 ng

RT: 6.84 min Scan# 672

Delta R.T. 0.01 min

Lab File: BP003198.D

Acq: 03 Sep 2020 10:50

Instrument :

BNA_P

ClientSampleId :

PB131369BL

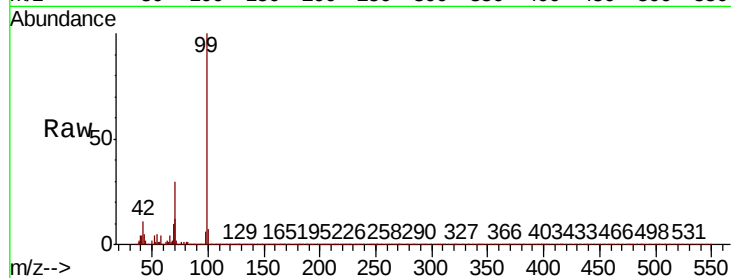
Tot Ion: 99 Resp: 1669548

Ion Ratio Lower Upper

99 100

42 10.9 8.6 13.0

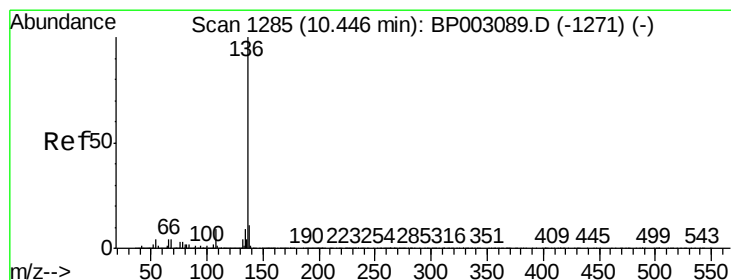
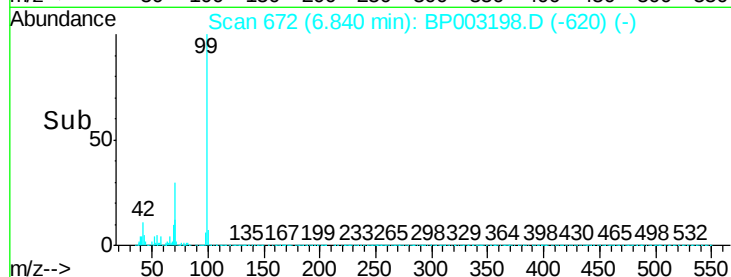
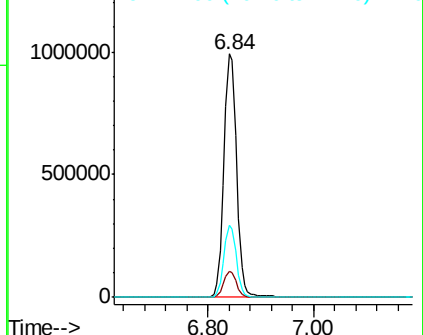
71 29.6 23.4 35.2



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BP003198.D

Acq: 03 Sep 2020 10:50

Tgt Ion: 136 Resp: 894158

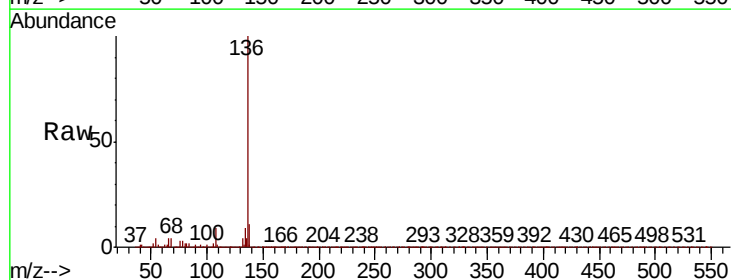
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 4.4 3.6 5.4

68 4.2 3.3 4.9

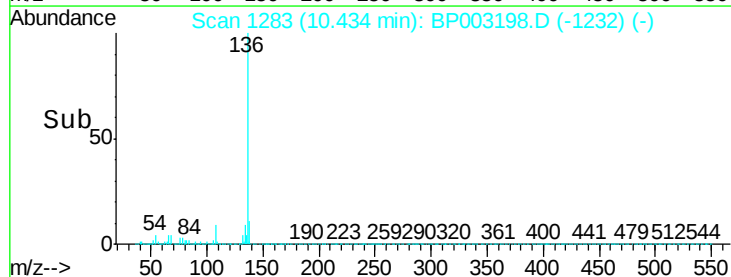
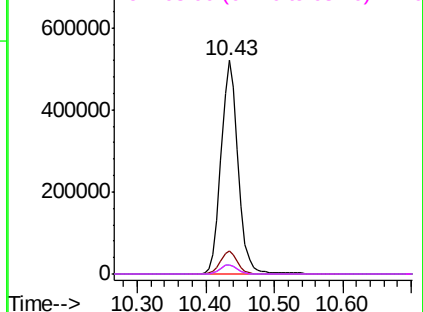


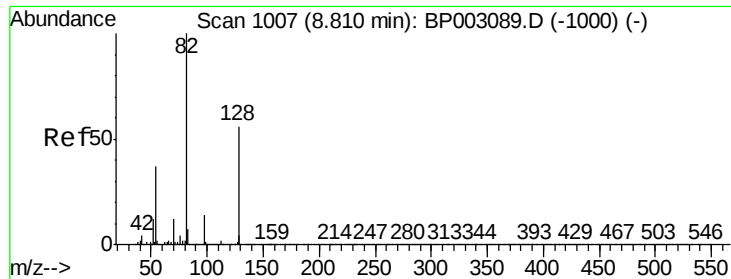
Abundance Ion 136.00 (135.70 to 136.70): E

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

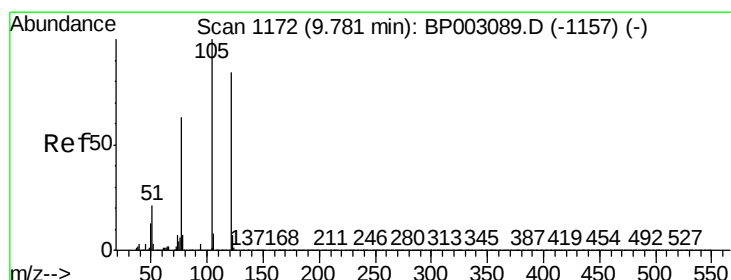
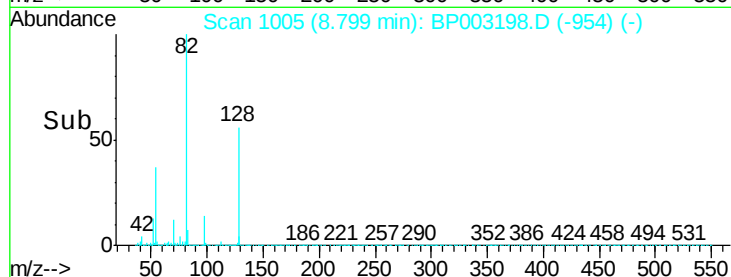
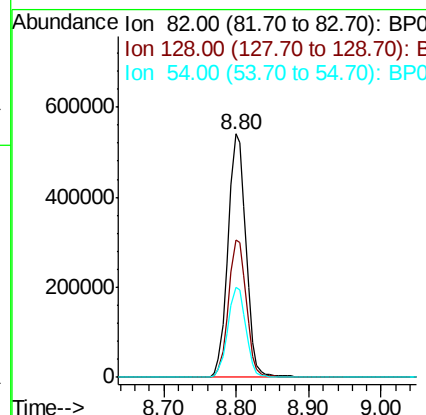
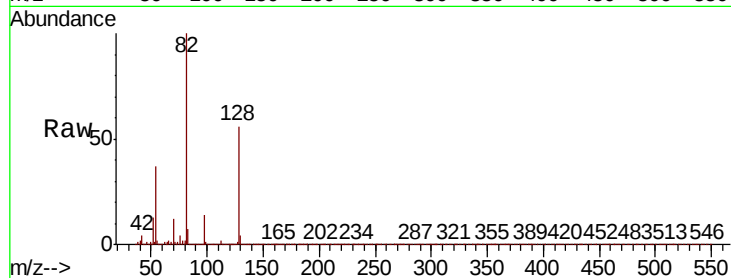




#23
Nitrobenzene-d5
Concen: 75.459 ng
RT: 8.80 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BP003198.D
Acq: 03 Sep 2020 10:50

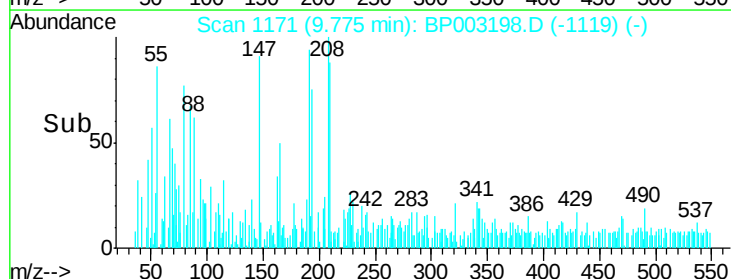
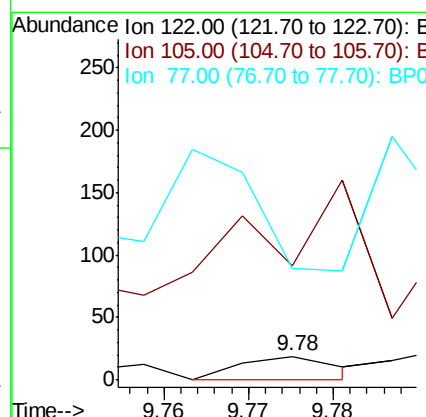
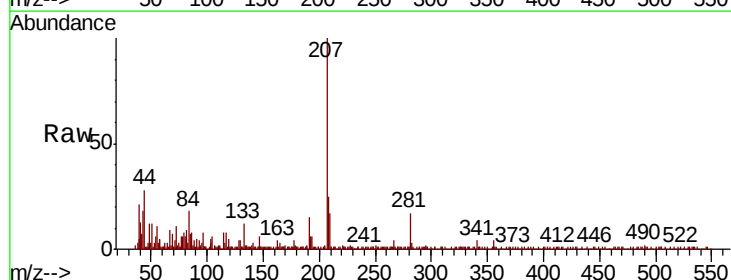
Instrument :
BNA_P
ClientSampleId :
PB131369BL

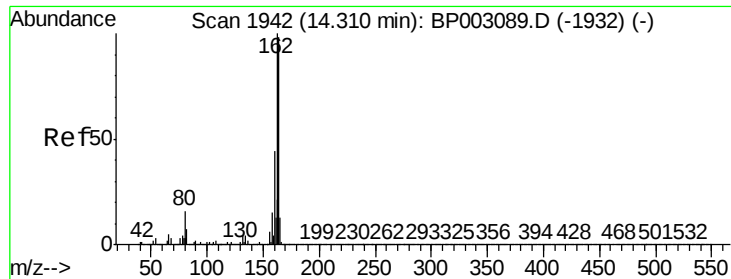
Tot Ion: 82 Resp: 935931
Ion Ratio Lower Upper
82 100
128 56.4 45.6 68.4
54 36.9 30.1 45.1



#32
Benzoic acid
Concen: 8.998 ng
RT: 9.78 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BP003198.D
Acq: 03 Sep 2020 10:50

Tgt Ion: 122 Resp: 15
Ion Ratio Lower Upper
122 100
105 478.9 94.1 134.1#
77 468.4 50.1 90.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1940

Delta R.T. 0.01 min

Lab File: BP003198.D

Acq: 03 Sep 2020 10:50

Instrument :

BNA_P

ClientSampleId :

PB131369BL

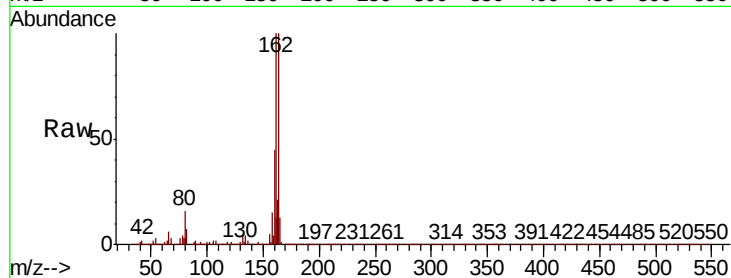
Tot Ion:164 Resp: 568389

Ion Ratio Lower Upper

164 100

162 100.3 79.4 119.2

160 45.5 36.1 54.1



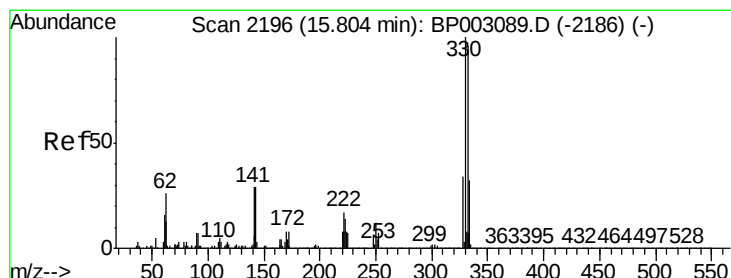
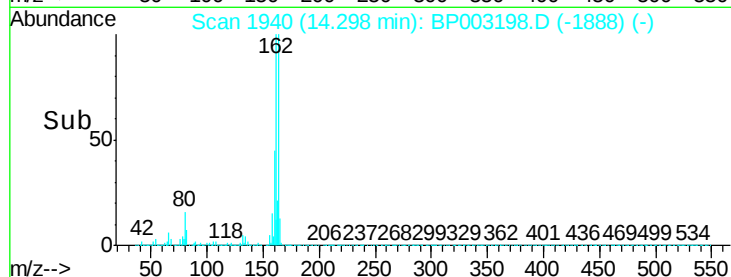
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.30

Time-->



#42

2,4,6-Tribromophenol

Concen: 122.192 ng

RT: 15.80 min Scan# 2195

Delta R.T. 0.01 min

Lab File: BP003198.D

Acq: 03 Sep 2020 10:50

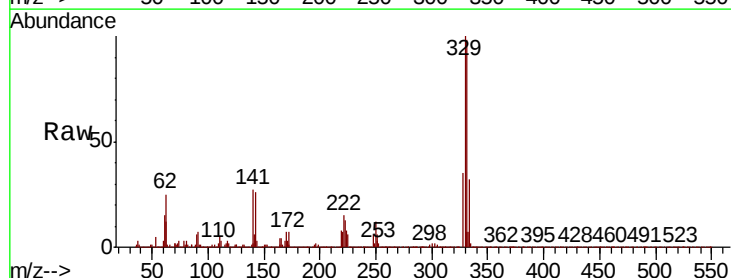
Tgt Ion:330 Resp: 939325

Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

141 28.0 23.4 35.2



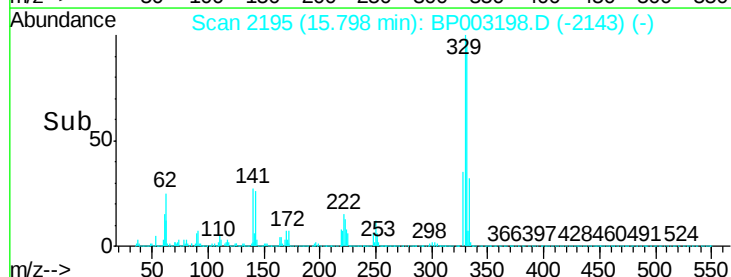
Abundance Ion 329.80 (329.50 to 330.50): E

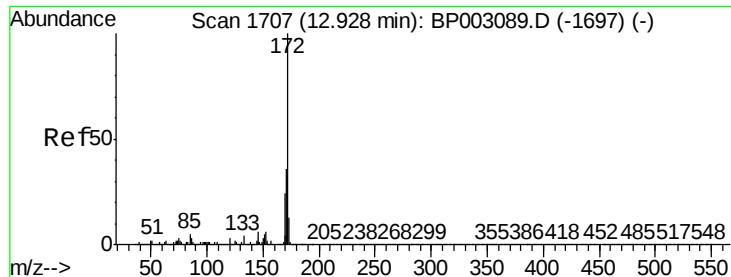
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

15.80

Time-->

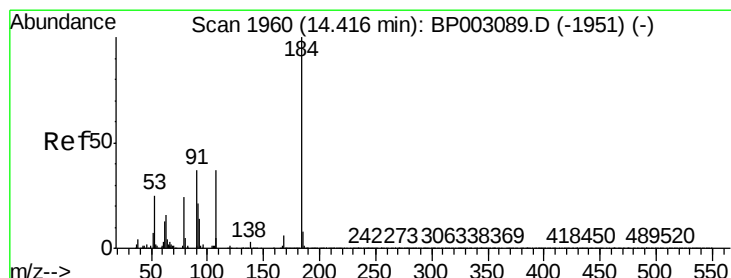
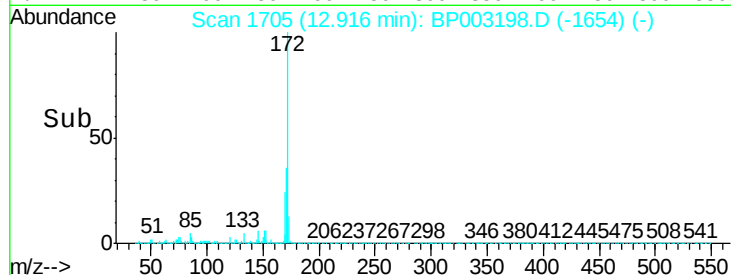
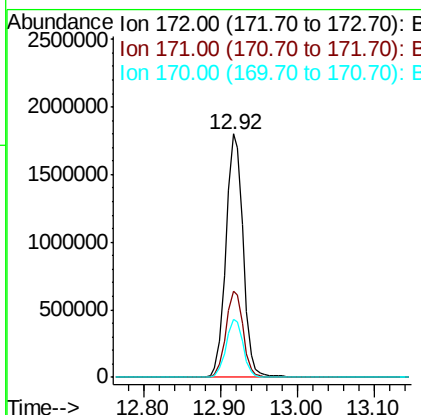
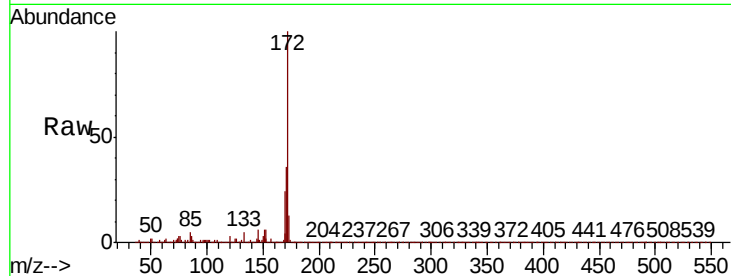




#45
2-Fluorobiphenyl
Concen: 72.612 ng
RT: 12.92 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BP003198.D
Acq: 03 Sep 2020 10:50

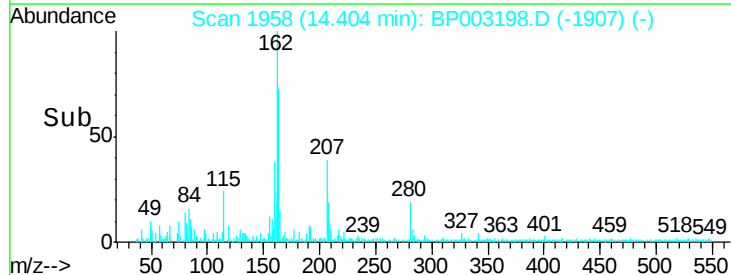
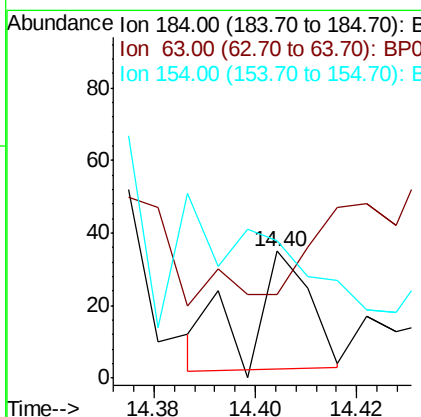
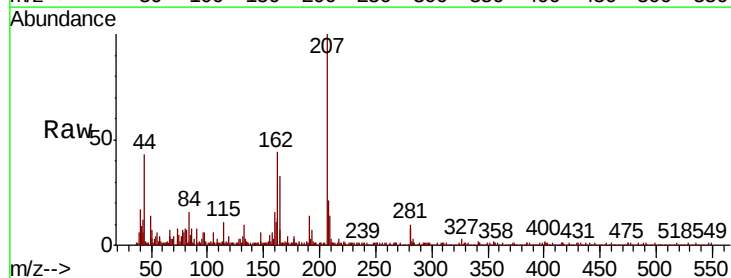
Instrument :
BNA_P
ClientSampleId :
PB131369BL

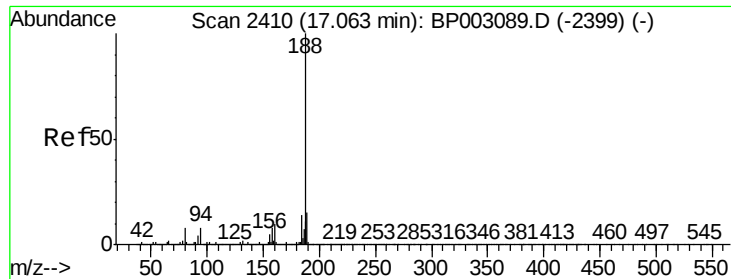
Tot Ion:172 Resp: 2818249
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.7 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 7.760 ng
RT: 14.40 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BP003198.D
Acq: 03 Sep 2020 10:50

Tgt Ion:184 Resp: 27
Ion Ratio Lower Upper
184 100
63 65.7 32.3 48.5#
154 108.6 49.1 73.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2408

Delta R.T. 0.01 min

Lab File: BP003198.D

Acq: 03 Sep 2020 10:50

Instrument :

BNA_P

ClientSampleId :

PB131369BL

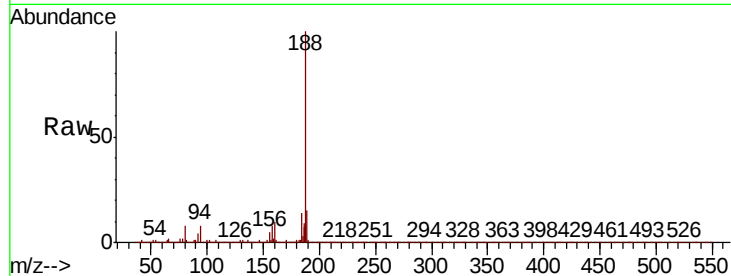
Tot Ion:188 Resp: 1283402

Ion Ratio Lower Upper

188 100

94 7.8 6.2 9.2

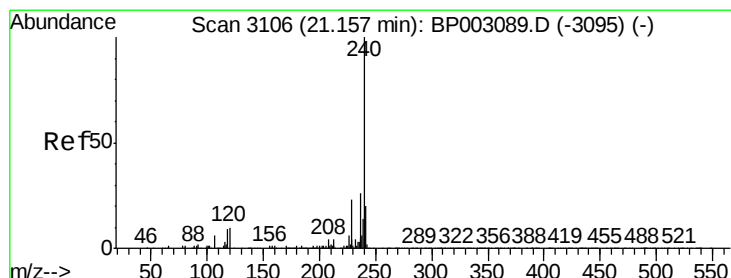
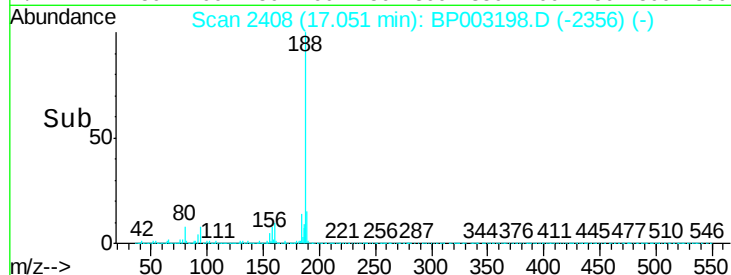
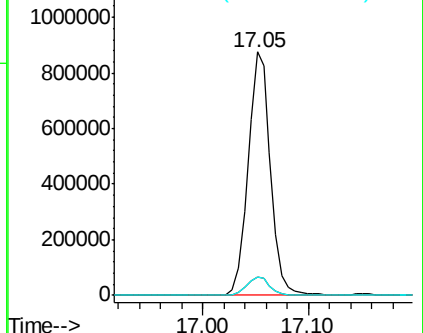
80 7.6 6.2 9.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BPO

Ion 80.00 (79.70 to 80.70): BPO



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.15 min Scan# 3104

Delta R.T. -0.00 min

Lab File: BP003198.D

Acq: 03 Sep 2020 10:50

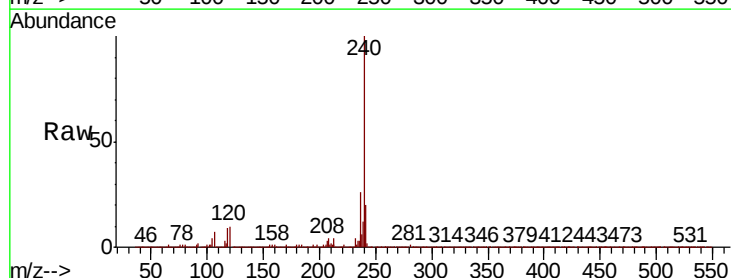
Tgt Ion:240 Resp: 1534455

Ion Ratio Lower Upper

240 100

120 10.3 7.8 11.6

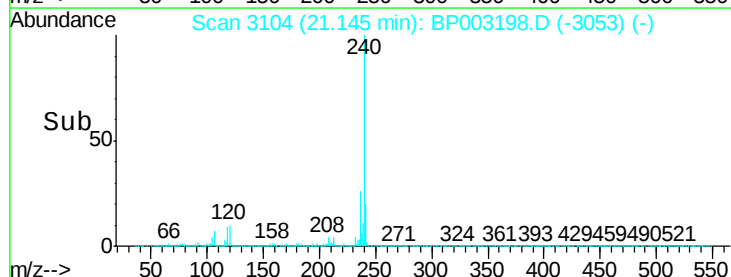
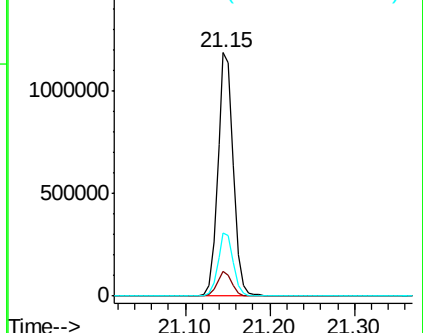
236 25.7 20.8 31.2

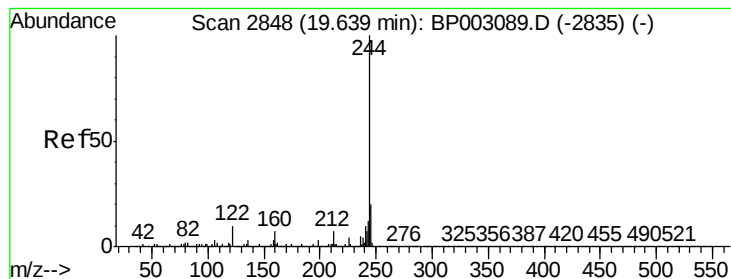


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 66.056 ng

RT: 19.63 min Scan# 2847

Delta R.T. 0.01 min

Lab File: BP003198.D

Acq: 03 Sep 2020 10:50

Instrument :

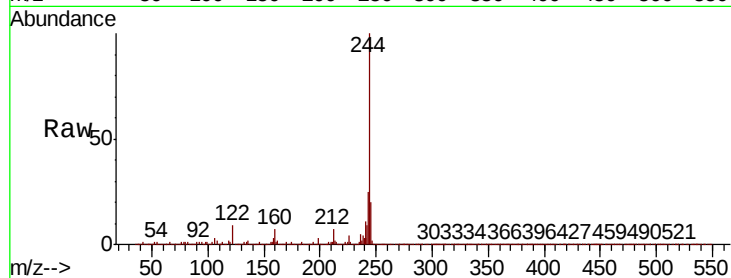
BNA_P

ClientSampleId :

PB131369BL

Tot Ion:244 Resp: 4606391

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	9.1	7.8	11.8

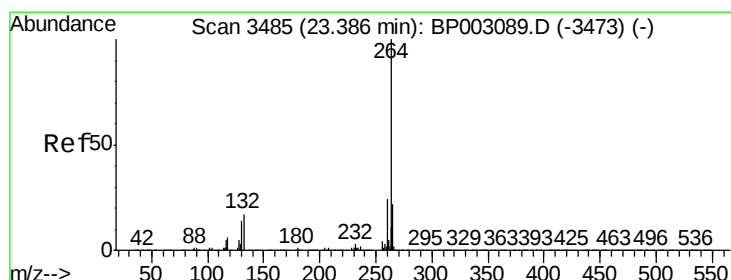
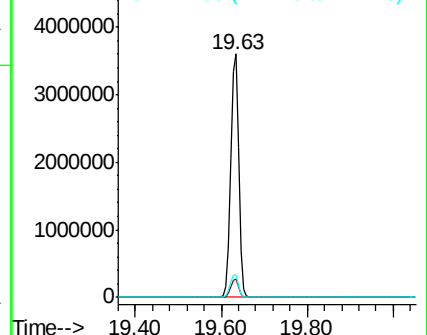
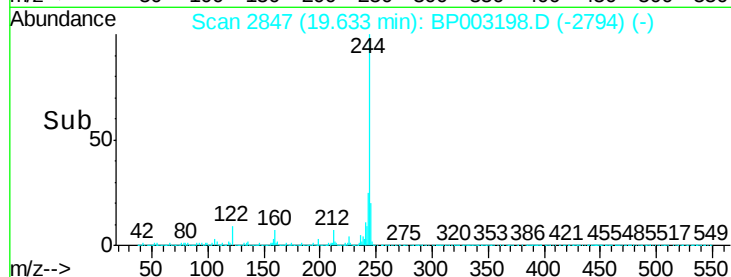


Abundance

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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.39 min Scan# 3485

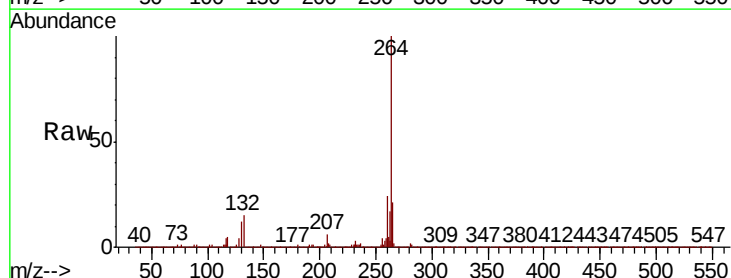
Delta R.T. 0.02 min

Lab File: BP003198.D

Acq: 03 Sep 2020 10:50

Tgt Ion:264 Resp: 1756855

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.8	28.2
265	21.2	17.4	26.2



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

