

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090220\
 Data File : BP003182.D
 Acq On : 02 Sep 2020 12:22
 Operator : CG/JU
 Sample : PB131340TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB131340TB

Quant Time: Sep 02 15:06:42 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

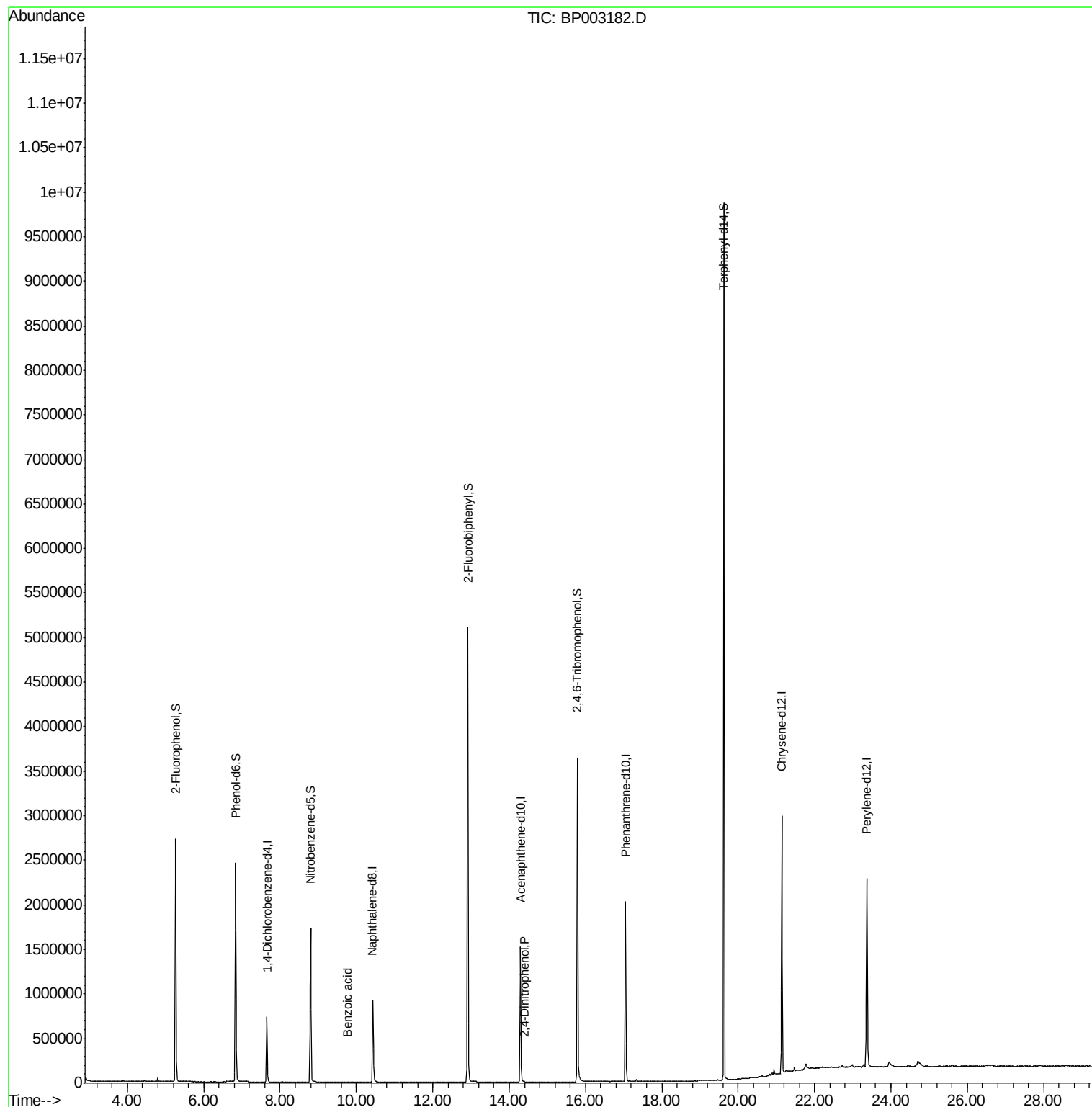
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	219361	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	903495	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	562066	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1248579	20.00	ng	0.00
76) Chrysene-d12	21.14	240	1408501	20.00	ng	0.00
86) Perylene-d12	23.37	264	1572058	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1436433	115.78	ng	0.00
7) Phenol-d6	6.84	99	1701827	109.42	ng	0.00
23) Nitrobenzene-d5	8.80	82	1006745	80.33	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	835488	109.91	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	2936949	76.52	ng	0.00
79) Terphenyl-d14	19.63	244	4467968	69.80	ng	0.00
Target Compounds						
32) Benzoic acid	9.76	122	39	9.001	ng	# 1
54) 2,4-Dinitrophenol	14.42	184	14	7.758	ng	# 40

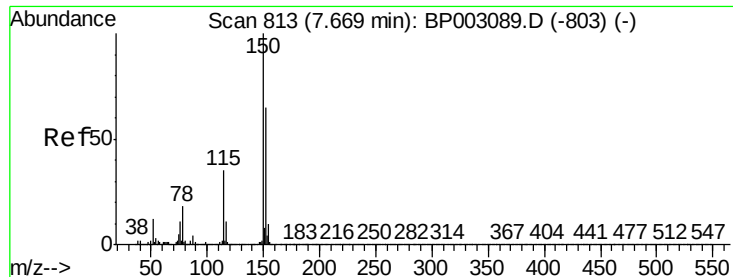
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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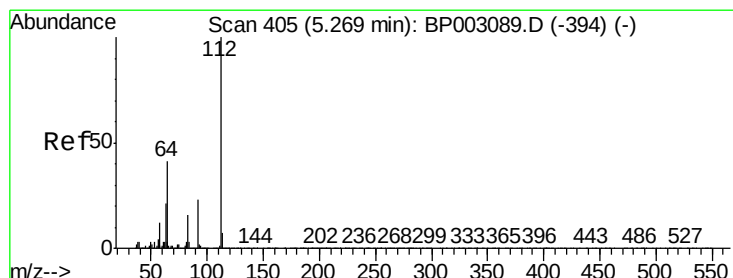
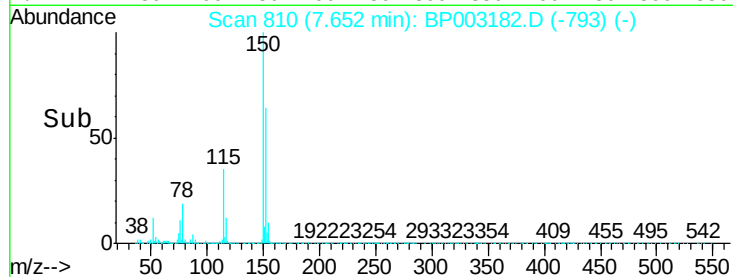
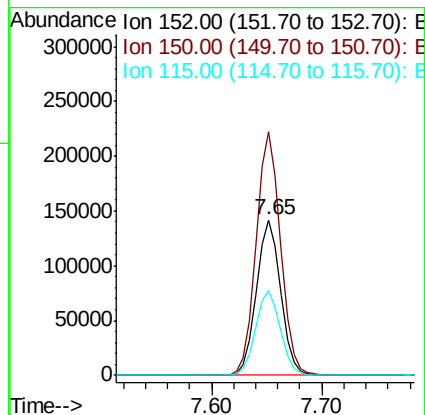
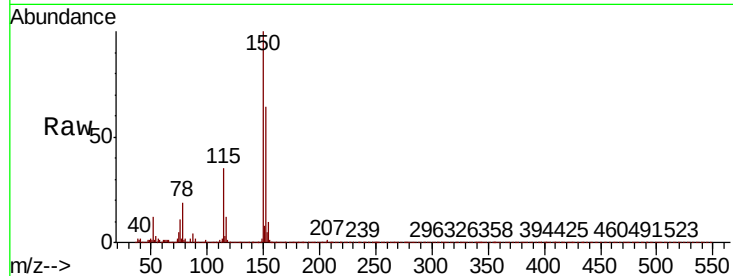


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 810
Delta R.T. -0.00 min
Lab File: BP003182.D
Acq: 02 Sep 2020 12:22

Instrument :
BNA_P
ClientSampleId :
PB131340TB

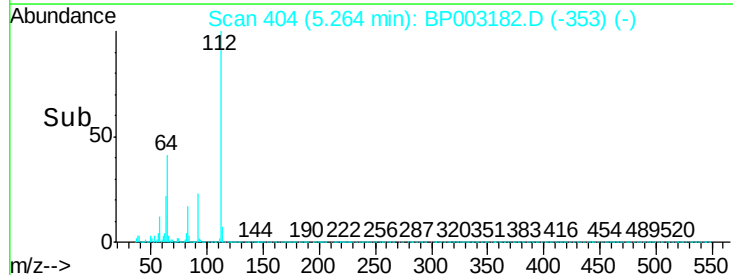
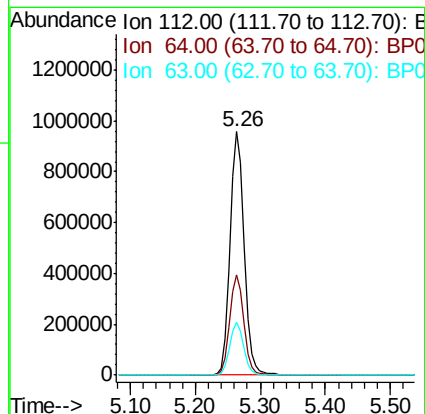
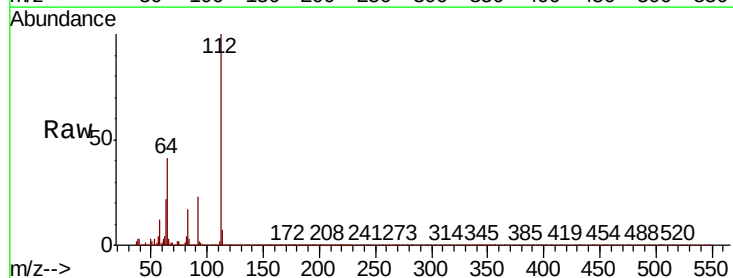
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	123.8	185.6
115	54.6	43.8	65.6

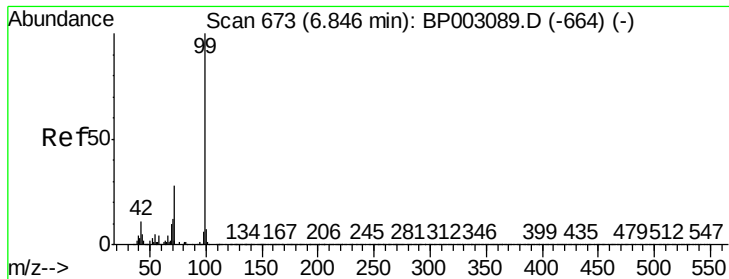


#5

2-Fluorophenol
Concen: 115.775 ng
RT: 5.26 min Scan# 404
Delta R.T. -0.00 min
Lab File: BP003182.D
Acq: 02 Sep 2020 12:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.2	32.8	49.2
63	21.7	17.0	25.4





#7

Phenol-d6

Concen: 109.420 ng

RT: 6.84 min Scan# 672

Delta R.T. 0.01 min

Lab File: BP003182.D

Acq: 02 Sep 2020 12:22

Instrument :

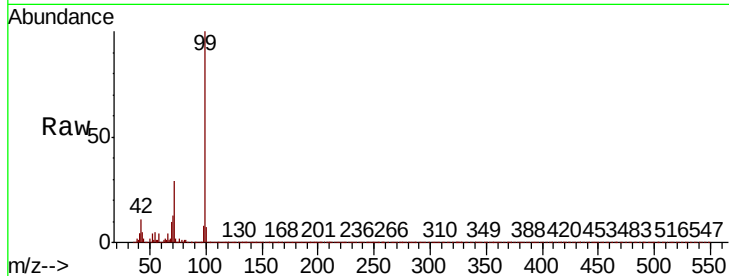
BNA_P

ClientSampleId :

PB131340TB

Tot Ion: 99 Resp: 1701827

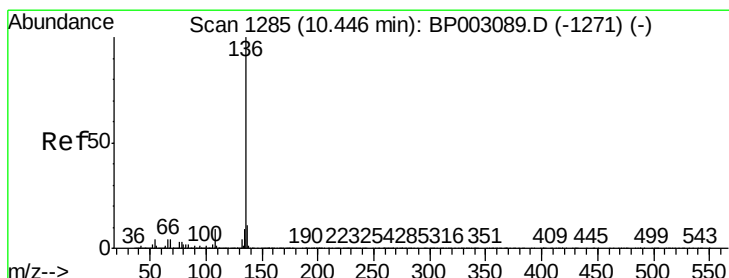
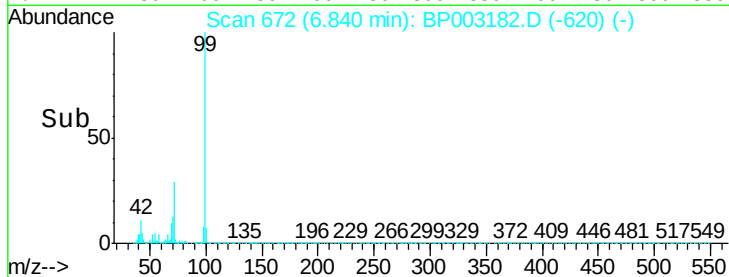
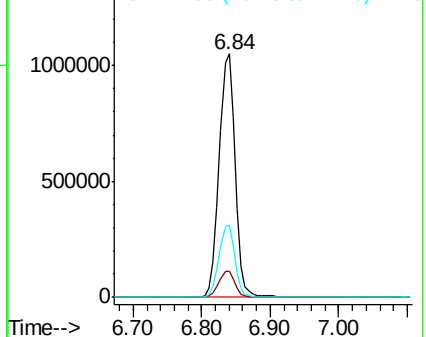
Ion	Ratio	Lower	Upper
99	100		
42	10.7	8.6	13.0
71	29.4	23.4	35.2



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# 1282

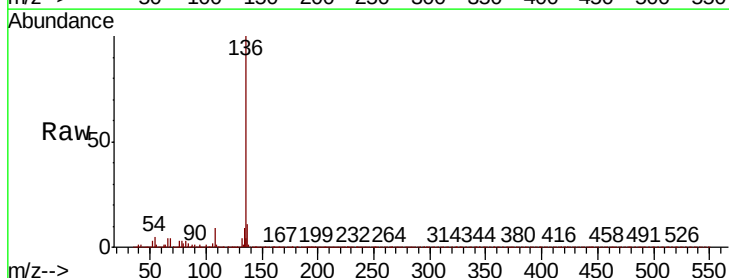
Delta R.T. -0.01 min

Lab File: BP003182.D

Acq: 02 Sep 2020 12:22

Tgt Ion: 136 Resp: 903495

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	4.7	3.6	5.4
68	4.2	3.3	4.9

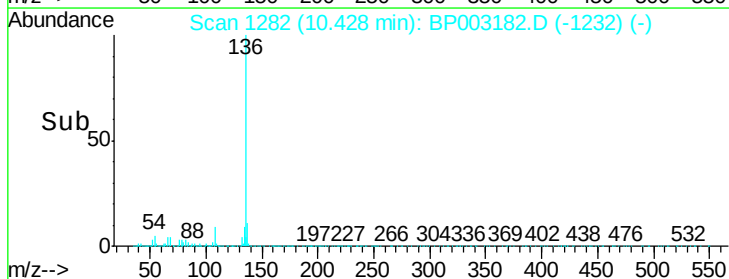
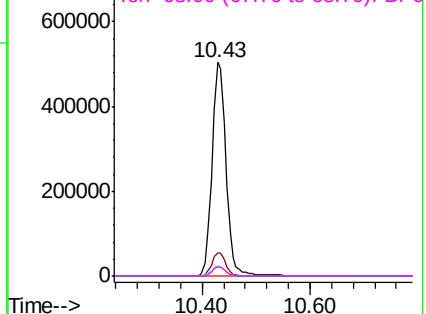


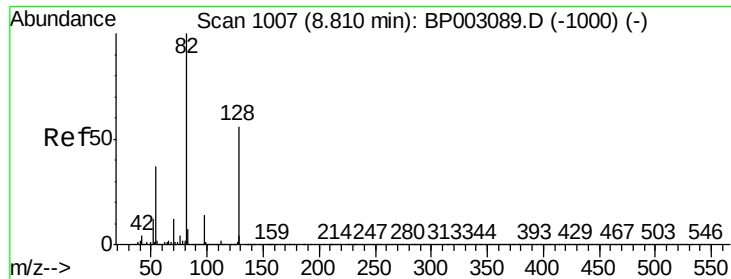
Abundance Ion 136.00 (135.70 to 136.70): E

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

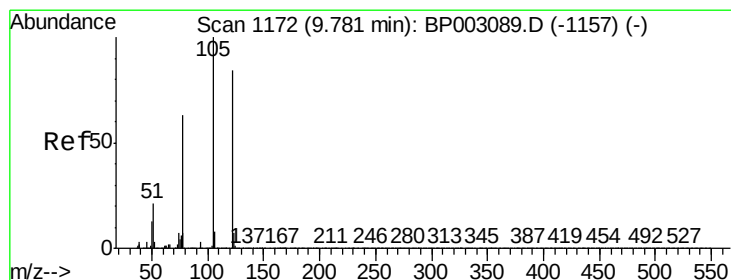
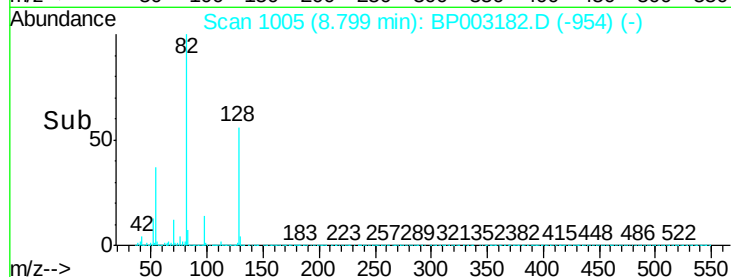
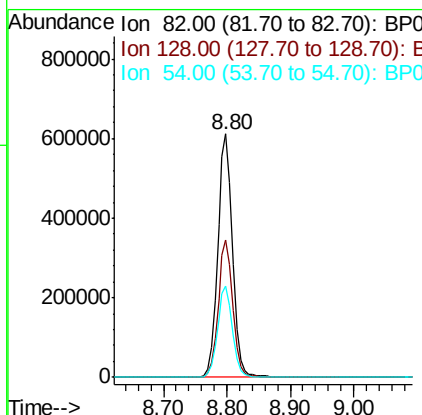
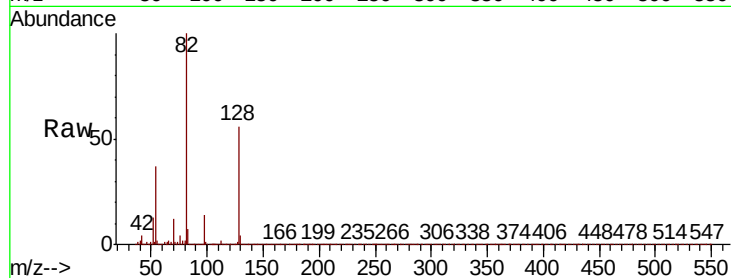




#23
 Nitrobenzene-d5
 Concen: 80.329 ng
 RT: 8.80 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: BP003182.D
 Acq: 02 Sep 2020 12:22

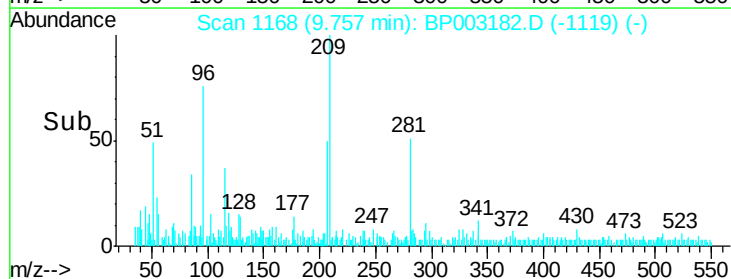
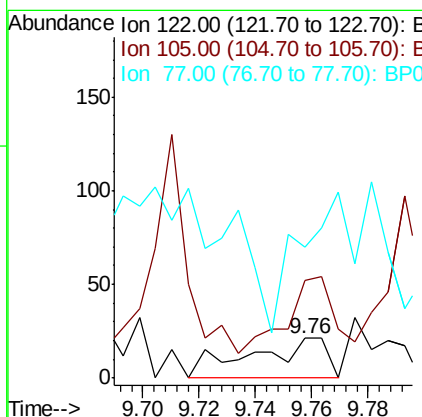
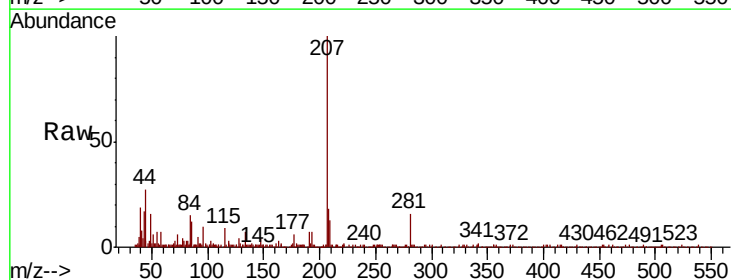
Instrument :
 BNA_P
 ClientSampleId :
 PB131340TB

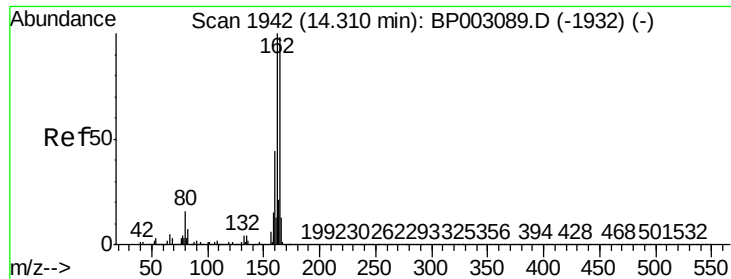
Tot Ion: 82 Resp: 1006745
 Ion Ratio Lower Upper
 82 100
 128 56.4 45.6 68.4
 54 37.4 30.1 45.1



#32
 Benzoic acid
 Concen: 9.001 ng
 RT: 9.76 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BP003182.D
 Acq: 02 Sep 2020 12:22

Tgt Ion: 122 Resp: 39
 Ion Ratio Lower Upper
 122 100
 105 247.6 94.1 134.1#
 77 333.3 50.1 90.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.29 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BP003182.D

Acq: 02 Sep 2020 12:22

Instrument :

BNA_P

ClientSampleId :

PB131340TB

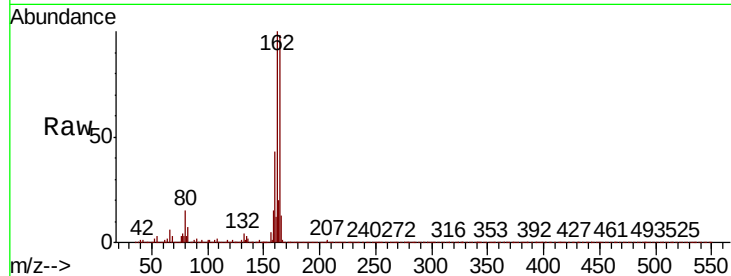
Tot Ion:164 Resp: 562066

Ion Ratio Lower Upper

164 100

162 102.3 79.4 119.2

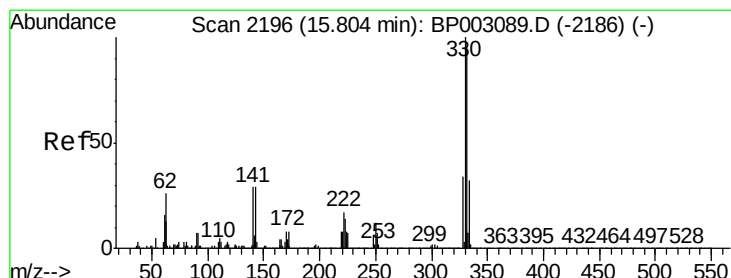
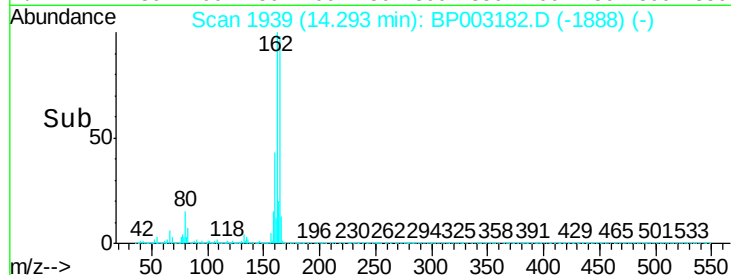
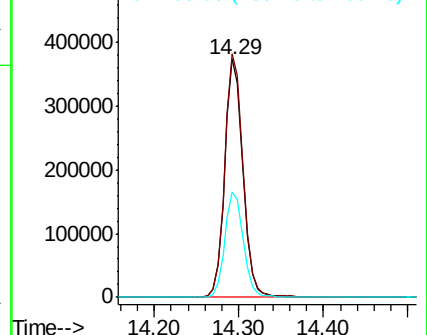
160 44.3 36.1 54.1



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



#42

2,4,6-Tribromophenol

Concen: 109.907 ng

RT: 15.79 min Scan# 2194

Delta R.T. -0.00 min

Lab File: BP003182.D

Acq: 02 Sep 2020 12:22

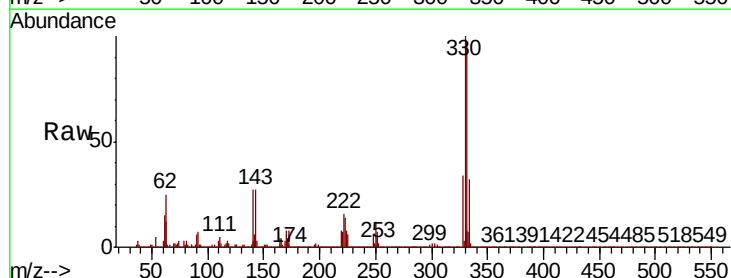
Tgt Ion:330 Resp: 835488

Ion Ratio Lower Upper

330 100

332 96.3 77.1 115.7

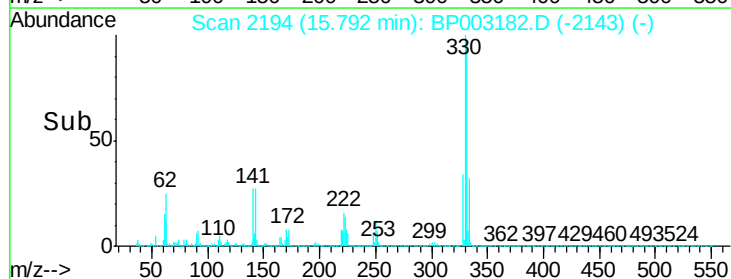
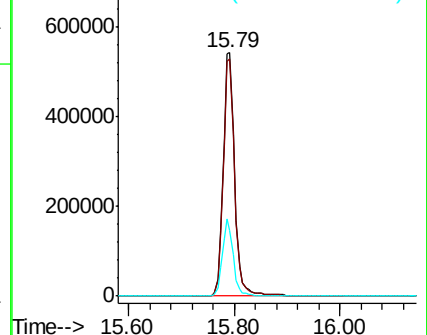
141 30.2 23.4 35.2

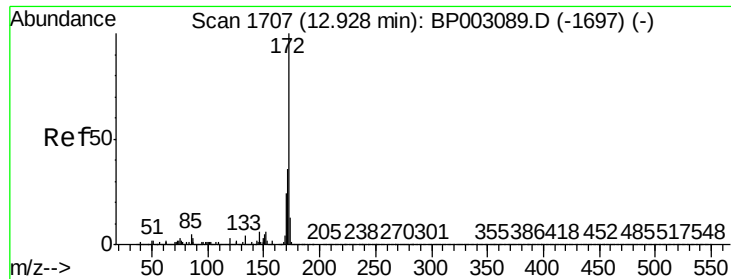


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

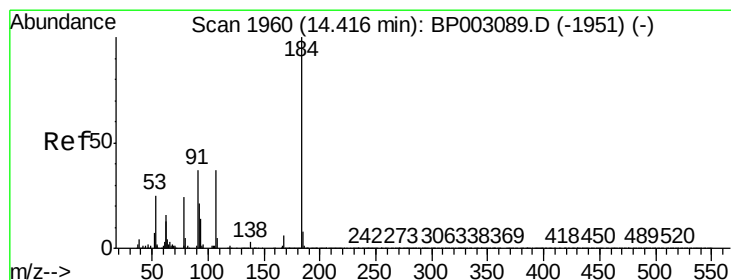
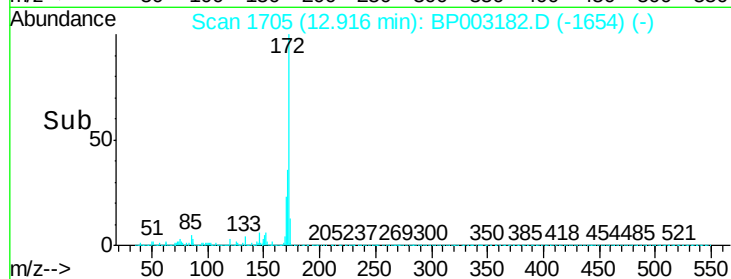
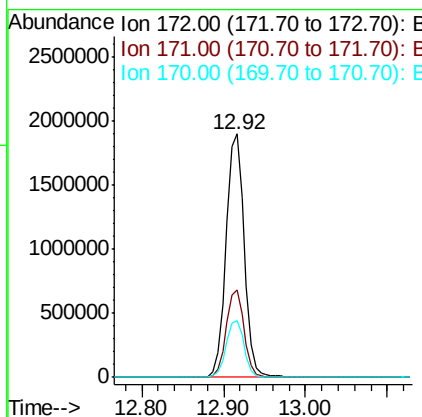
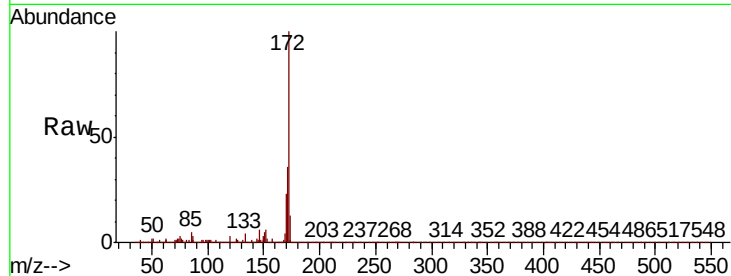




#45
2-Fluorobiphenyl
Concen: 76.522 ng
RT: 12.92 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BP003182.D
Acq: 02 Sep 2020 12:22

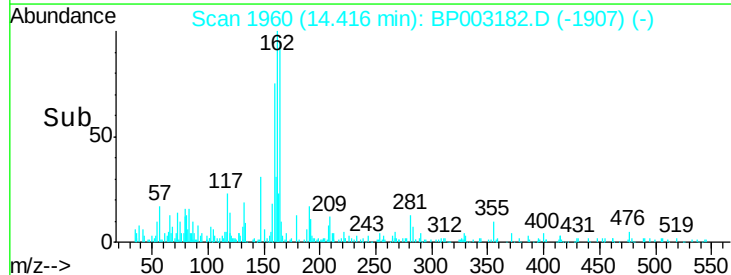
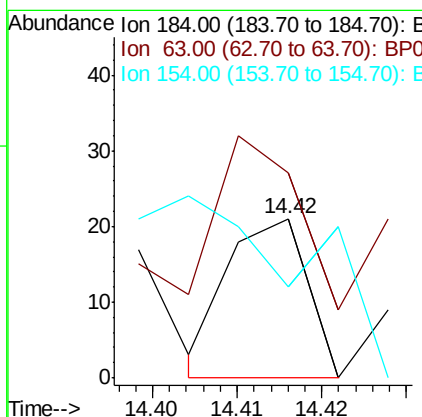
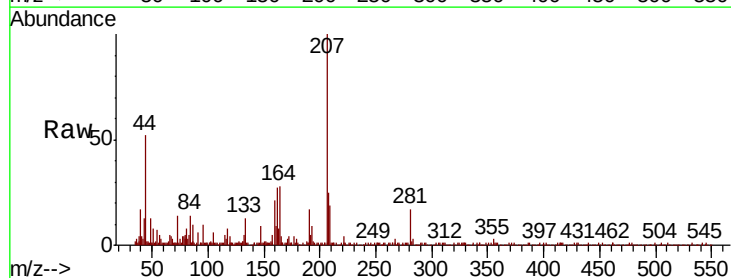
Instrument :
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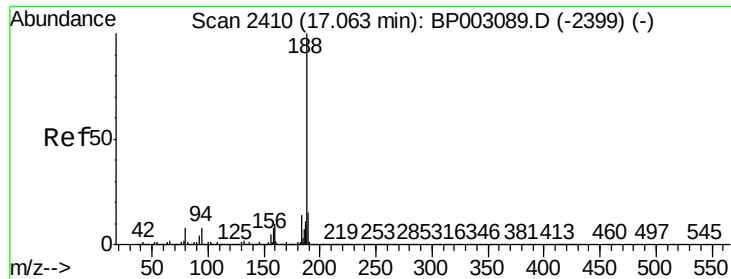
Tot Ion:172 Resp: 2936949
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.2 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 7.758 ng
RT: 14.42 min Scan# 1960
Delta R.T. 0.01 min
Lab File: BP003182.D
Acq: 02 Sep 2020 12:22

Tgt Ion:184 Resp: 14
Ion Ratio Lower Upper
184 100
63 128.6 32.3 48.5#
154 57.1 49.1 73.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2407

Delta R.T. -0.00 min

Lab File: BP003182.D

Acq: 02 Sep 2020 12:22

Instrument :

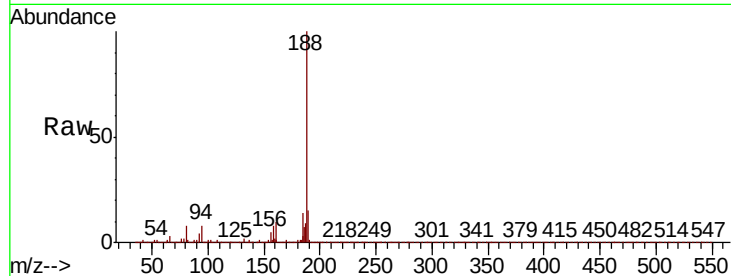
BNA_P

ClientSampleId :

PB131340TB

Tot Ion:188 Resp: 1248579

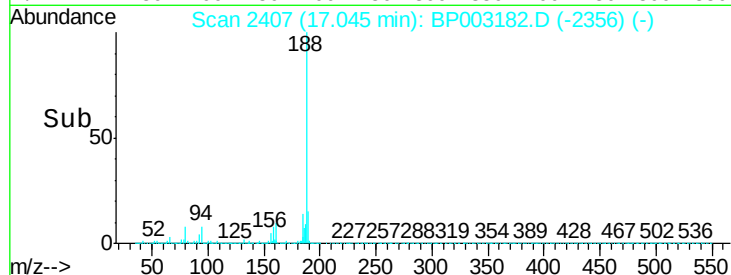
Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.2	9.2
80	7.9	6.2	9.2



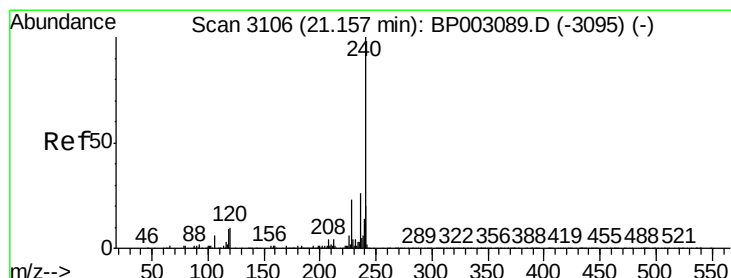
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BPO

Ion 80.00 (79.70 to 80.70): BPO



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.14 min Scan# 3103

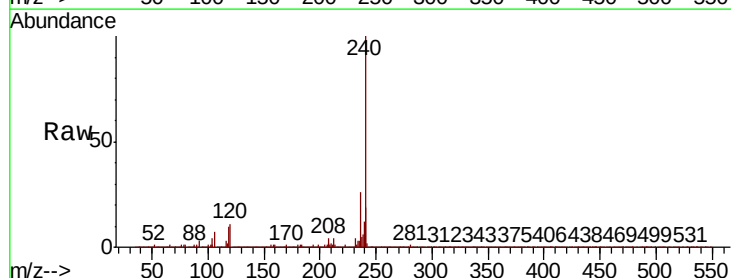
Delta R.T. -0.01 min

Lab File: BP003182.D

Acq: 02 Sep 2020 12:22

Tgt Ion:240 Resp: 1408501

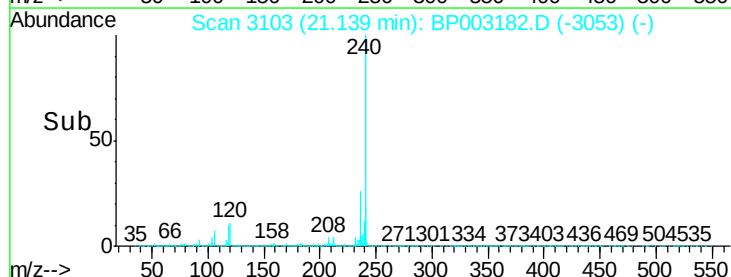
Ion	Ratio	Lower	Upper
240	100		
120	10.9	7.8	11.6
236	26.2	20.8	31.2



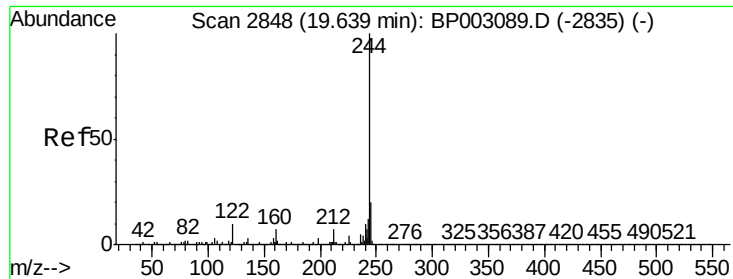
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#79

Terphenyl-d14

Concen: 69.801 ng

RT: 19.63 min Scan# 2846

Delta R.T. 0.01 min

Lab File: BP003182.D

Acq: 02 Sep 2020 12:22

Instrument :

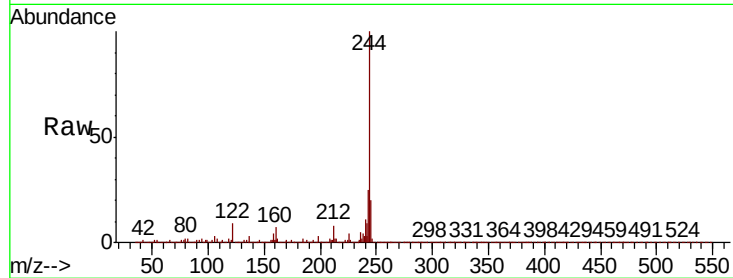
BNA_P

ClientSampleId :

PB131340TB

Tot Ion:244 Resp: 4467968

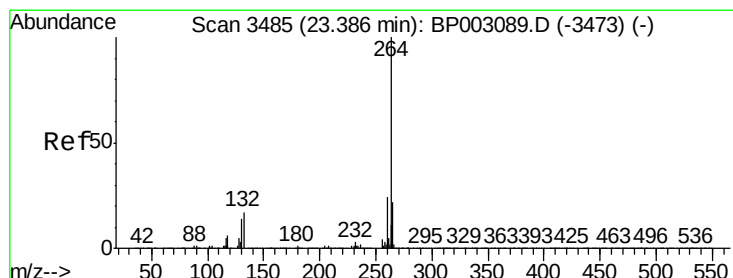
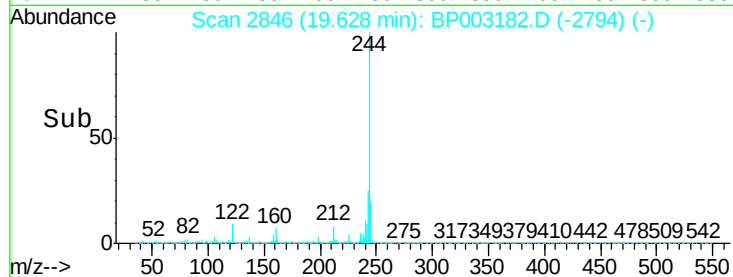
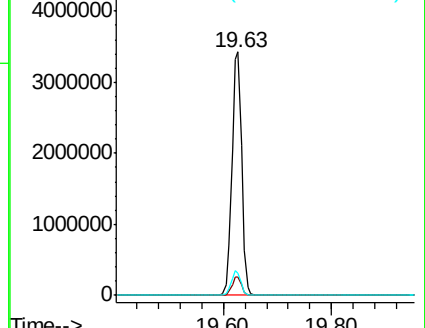
Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	9.3	7.8	11.8



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: 23.37 min Scan# 3482

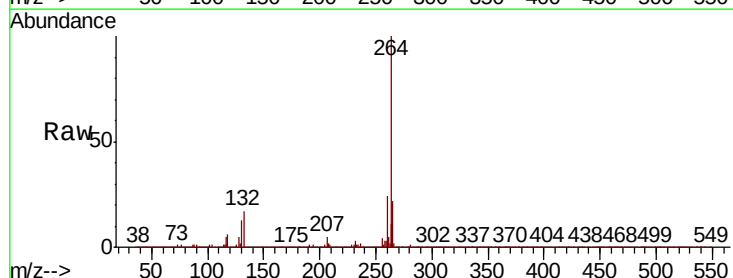
Delta R.T. -0.00 min

Lab File: BP003182.D

Acq: 02 Sep 2020 12:22

Tgt Ion:264 Resp: 1572058

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.6	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

