

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090820\
 Data File : BP003229.D
 Acq On : 08 Sep 2020 16:22
 Operator : CG/JU
 Sample : L3872-01 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BU-03-090420

Quant Time: Sep 08 17:13:56 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

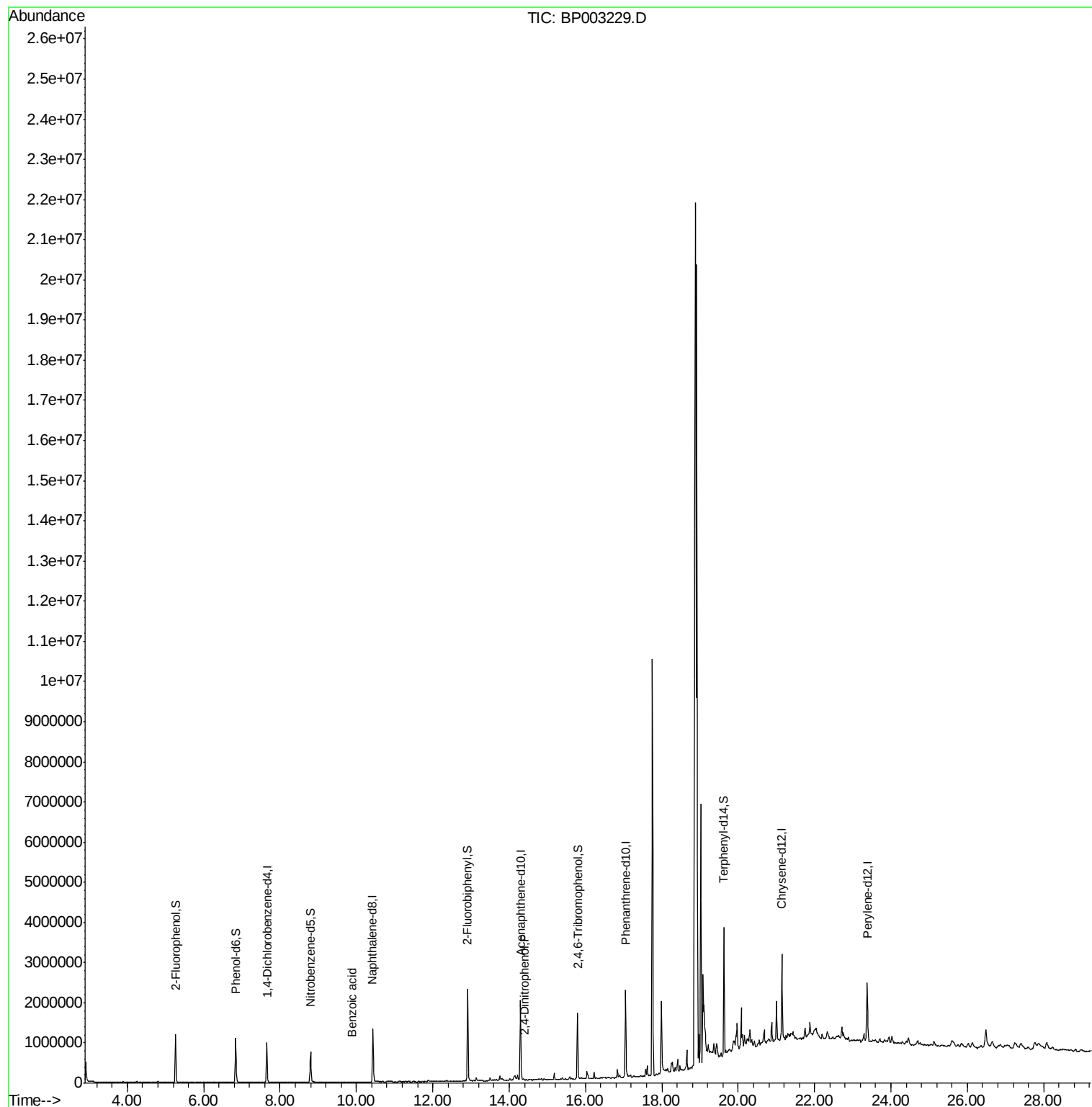
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	302319	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	1224002	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	740107	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1431662	20.00	ng	0.00
76) Chrysene-d12	21.15	240	1039390	20.00	ng	0.00
86) Perylene-d12	23.37	264	1106289	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	614650	35.95	ng	0.00
7) Phenol-d6	6.84	99	753968	35.17	ng	0.00
23) Nitrobenzene-d5	8.80	82	458358	27.00	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	382751	38.24	ng	0.00
45) 2-Fluorobiphenyl	12.91	172	1322104	26.16	ng	0.00
79) Terphenyl-d14	19.63	244	1335187	28.27	ng	0.00
Target Compounds						
32) Benzoic acid	9.88	122	157	9.008	ng	80
54) 2,4-Dinitrophenol	14.41	184	24	7.758	ng	# 1

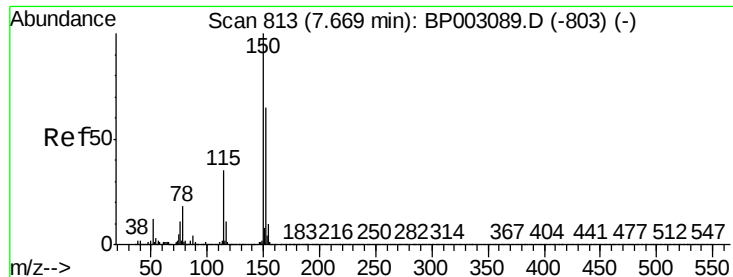
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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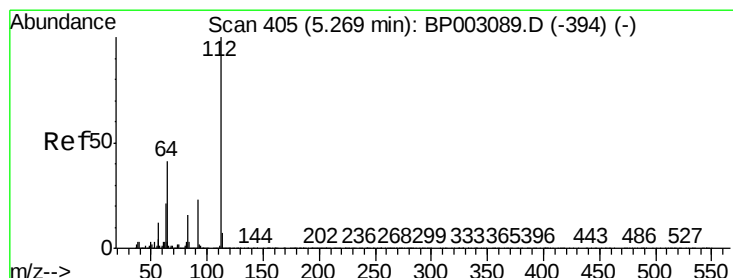
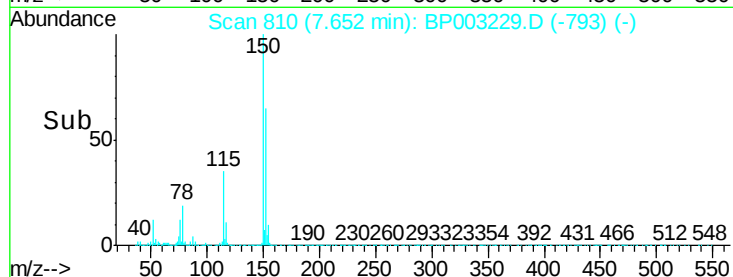
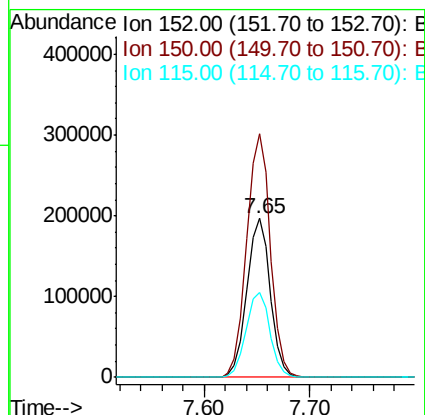
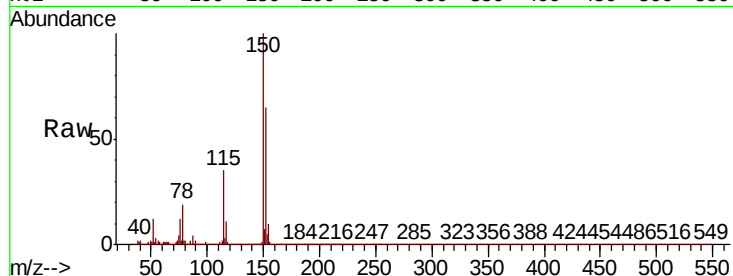


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 810
Delta R.T. 0.00 min
Lab File: BP003229.D
Acq: 08 Sep 2020 16:22

Instrument :
BNA_P
ClientSampleId :
BU-03-090420

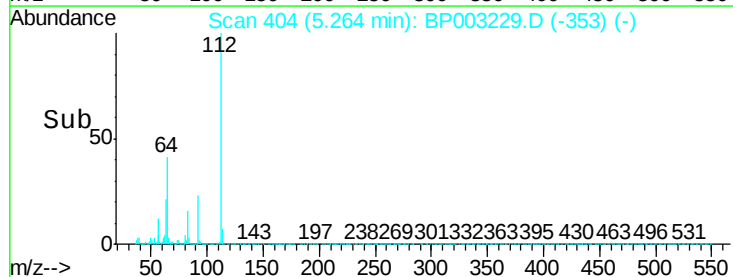
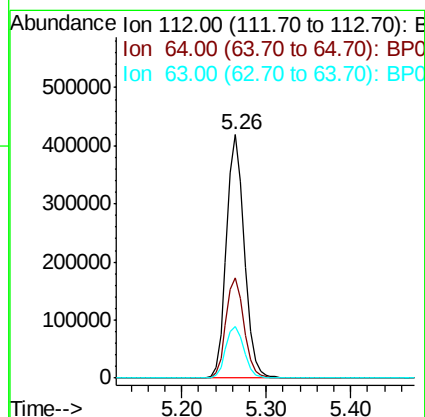
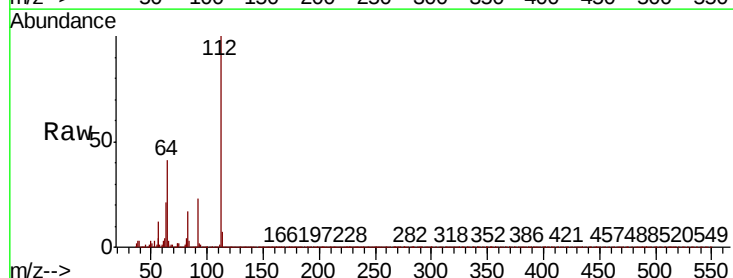
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	123.8	185.6
115	53.9	43.8	65.6



#5

2-Fluorophenol
Concen: 35.946 ng
RT: 5.26 min Scan# 404
Delta R.T. 0.00 min
Lab File: BP003229.D
Acq: 08 Sep 2020 16:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.3	32.8	49.2
63	21.4	17.0	25.4





#7

Phenol-d6

Concen: 35.174 ng

RT: 6.84 min Scan# 672

Delta R.T. 0.01 min

Lab File: BP003229.D

Acq: 08 Sep 2020 16:22

Instrument :

BNA_P

ClientSampleId :

BU-03-090420

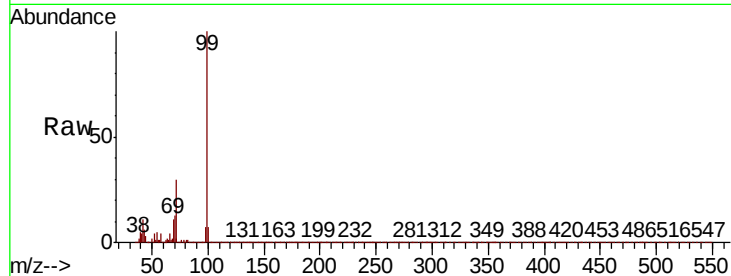
Tot Ion: 99 Resp: 753968

Ion Ratio Lower Upper

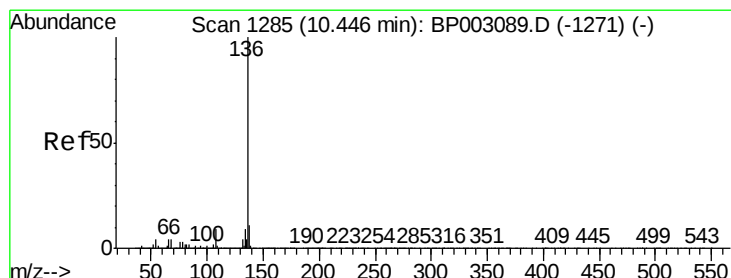
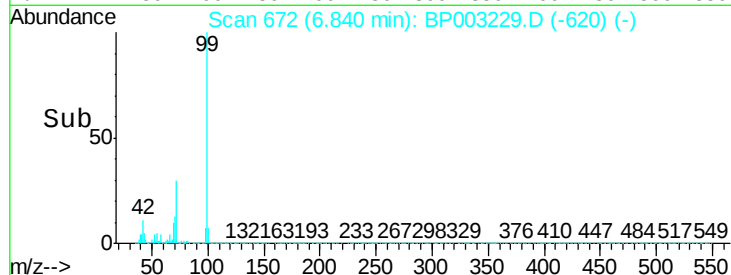
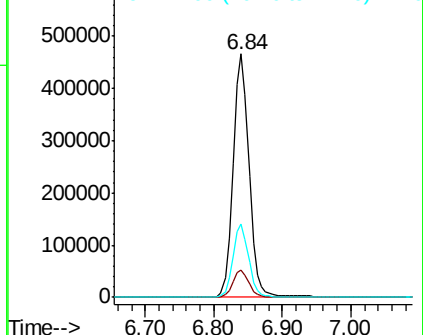
99 100

42 11.2 8.6 13.0

71 30.2 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: BP003229.D

Acq: 08 Sep 2020 16:22

Tgt Ion: 136 Resp: 1224002

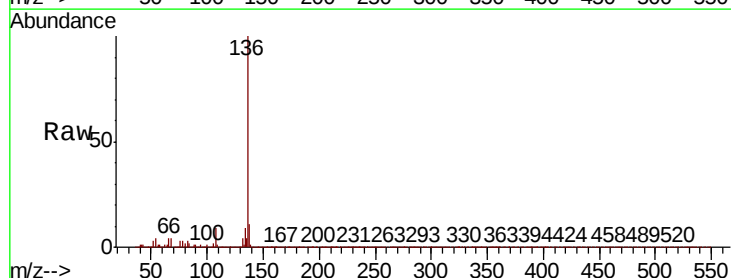
Ion Ratio Lower Upper

136 100

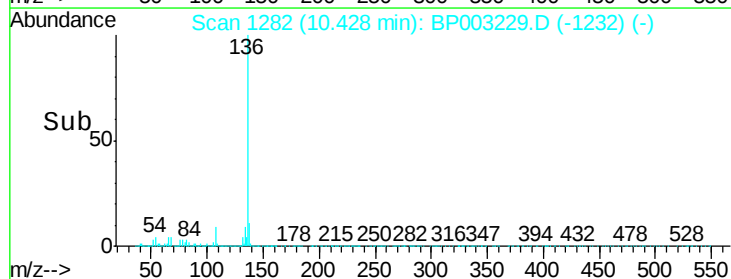
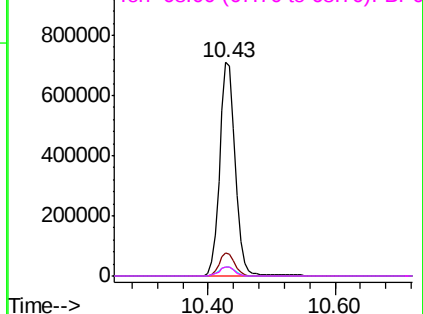
137 11.0 8.6 13.0

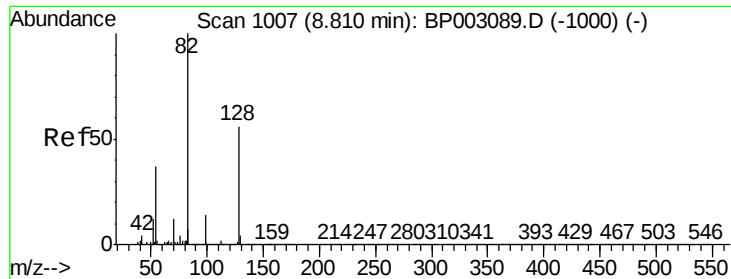
54 4.5 3.6 5.4

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

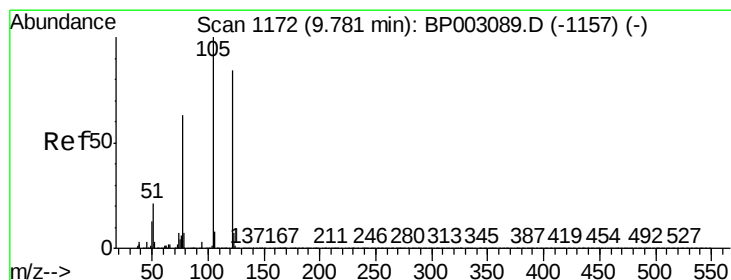
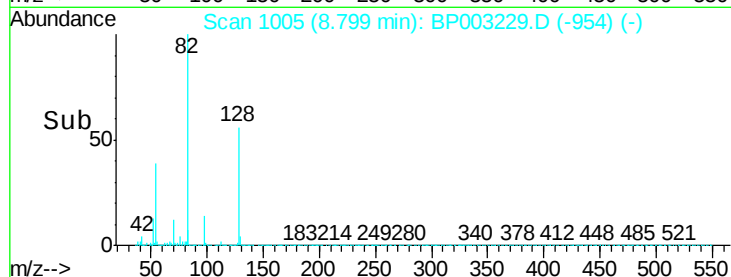
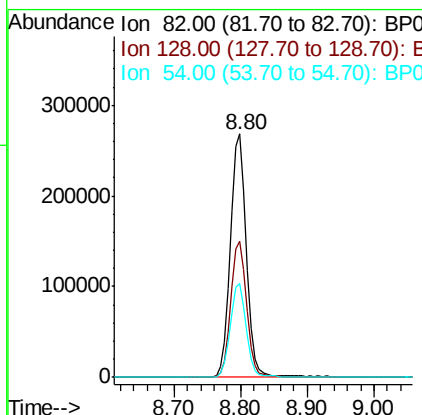
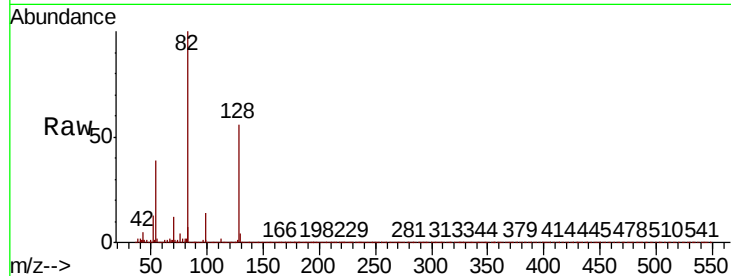




#23
Nitrobenzene-d5
Concen: 26.996 ng
RT: 8.80 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BP003229.D
Acq: 08 Sep 2020 16:22

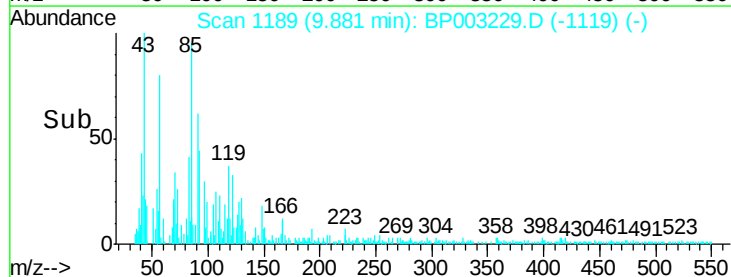
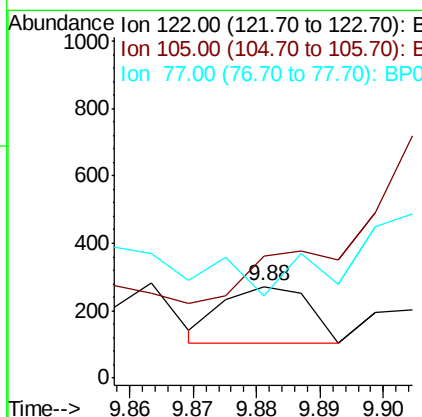
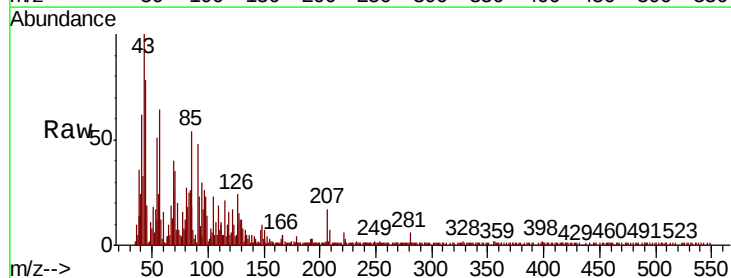
Instrument :
BNA_P
ClientSampleId :
BU-03-090420

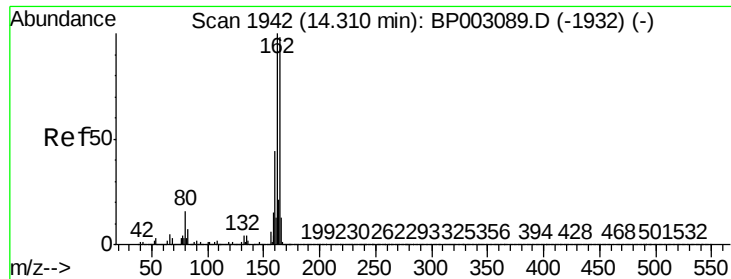
Tot Ion	82	Resp	458358
Ion Ratio	Lower	Upper	
82	100		
128	56.1	45.6	68.4
54	38.7	30.1	45.1



#32
Benzoic acid
Concen: 9.008 ng
RT: 9.88 min Scan# 1189
Delta R.T. 0.11 min
Lab File: BP003229.D
Acq: 08 Sep 2020 16:22

Tgt Ion	122	Resp	157
Ion Ratio	Lower	Upper	
122	100		
105	133.1	94.1	134.1
77	89.7	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: BP003229.D

Acq: 08 Sep 2020 16:22

Instrument :

BNA_P

ClientSampleId :

BU-03-090420

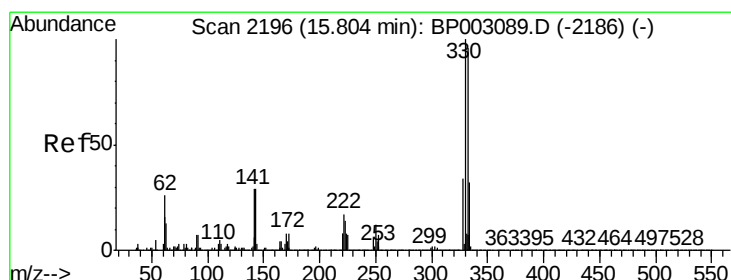
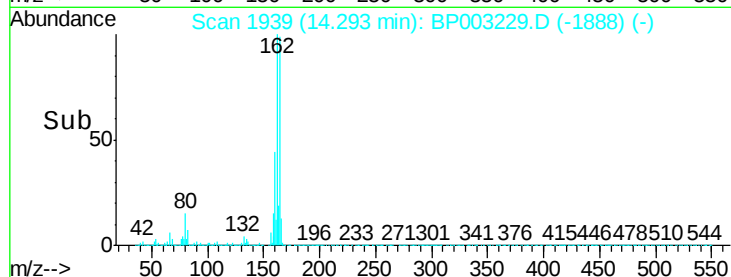
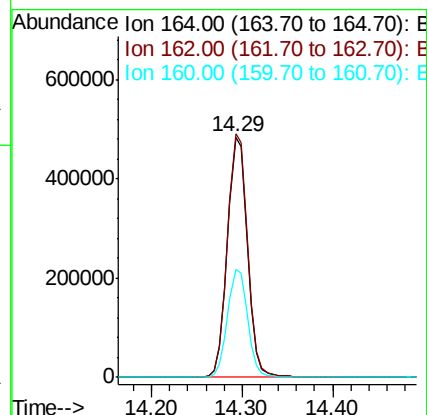
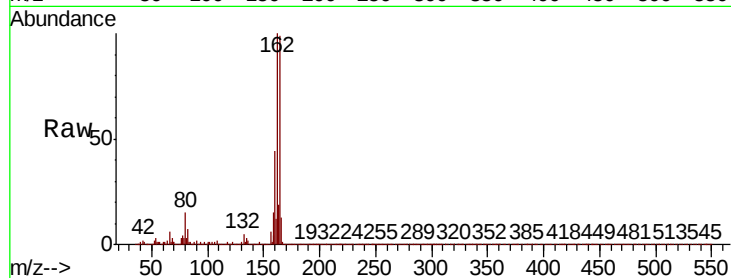
Tot Ion:164 Resp: 740107

Ion Ratio Lower Upper

164 100

162 101.3 79.4 119.2

160 44.8 36.1 54.1



#42

2,4,6-Tribromophenol

Concen: 38.238 ng

RT: 15.79 min Scan# 2194

Delta R.T. 0.00 min

Lab File: BP003229.D

Acq: 08 Sep 2020 16:22

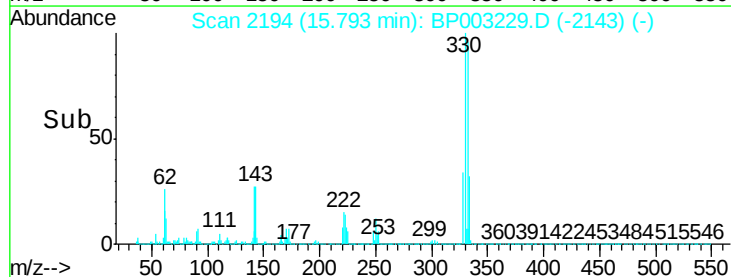
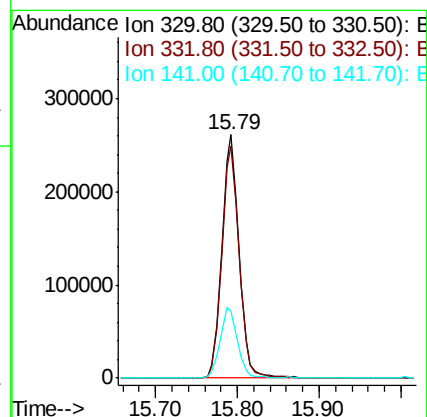
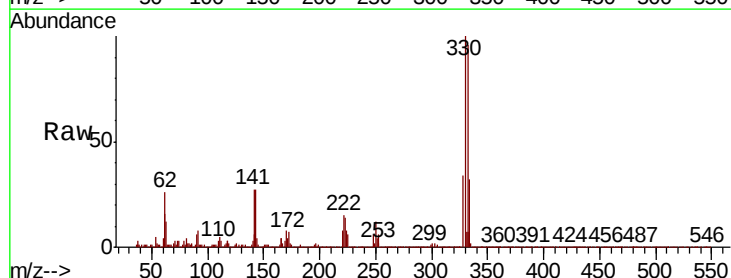
Tgt Ion:330 Resp: 382751

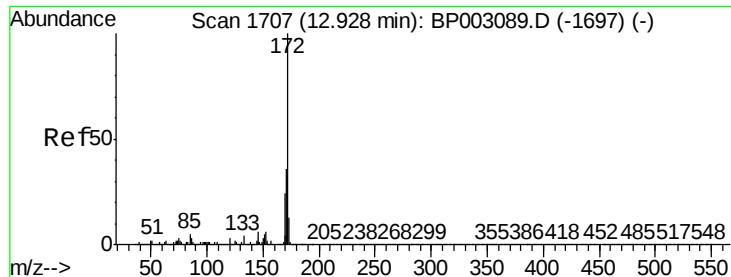
Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

141 28.7 23.4 35.2

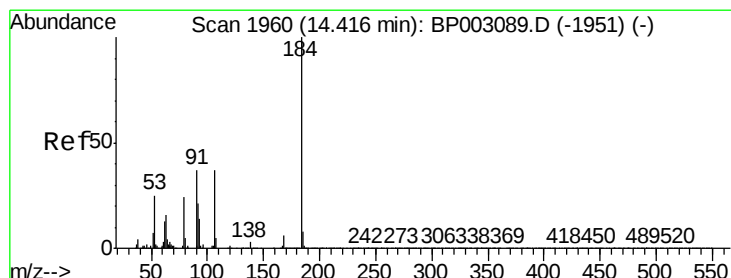
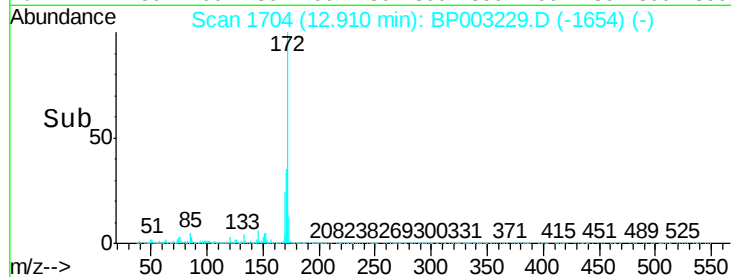
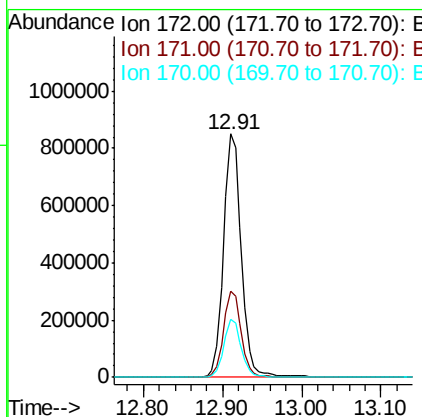
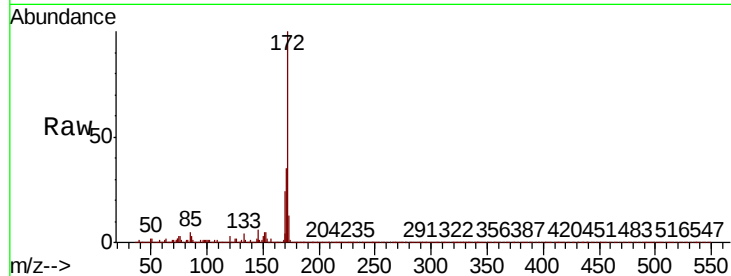




#45
2-Fluorobiphenyl
Concen: 26.161 ng
RT: 12.91 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BP003229.D
Acq: 08 Sep 2020 16:22

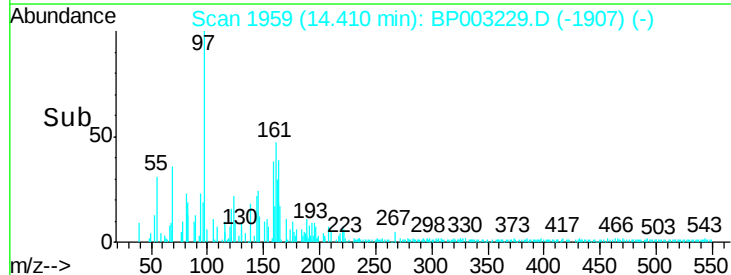
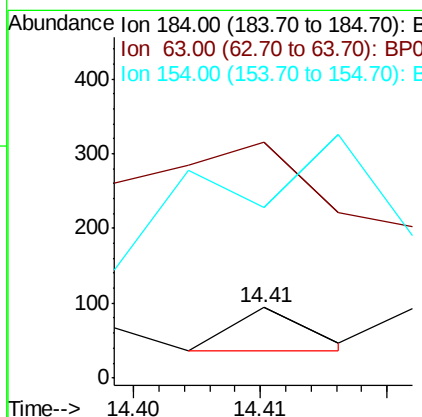
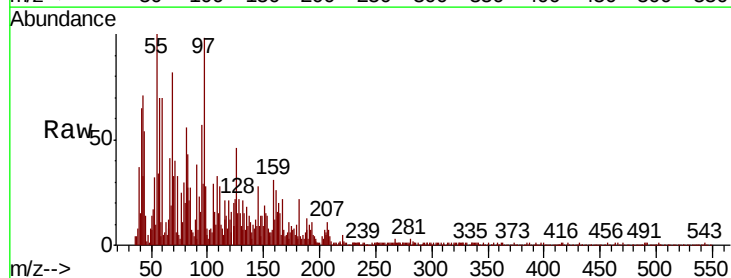
Instrument :
BNA_P
ClientSampled :
BU-03-090420

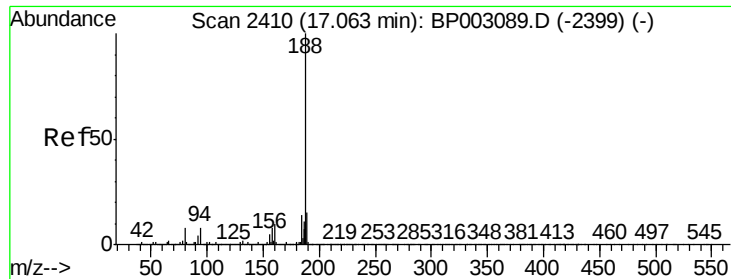
Tot Ion:172 Resp: 1322104
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.6 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 7.758 ng
RT: 14.41 min Scan# 1959
Delta R.T. 0.01 min
Lab File: BP003229.D
Acq: 08 Sep 2020 16:22

Tgt Ion:184 Resp: 24
Ion Ratio Lower Upper
184 100
63 335.1 32.3 48.5#
154 242.6 49.1 73.7#

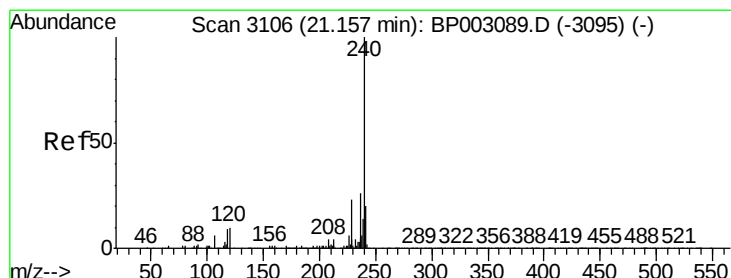
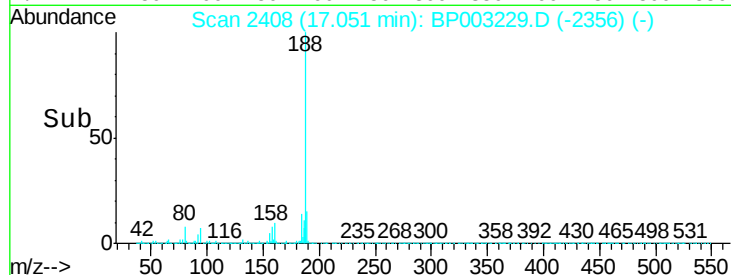
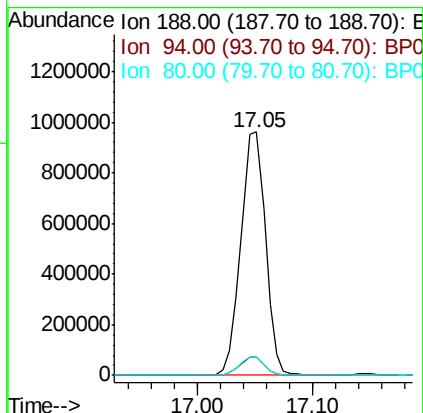
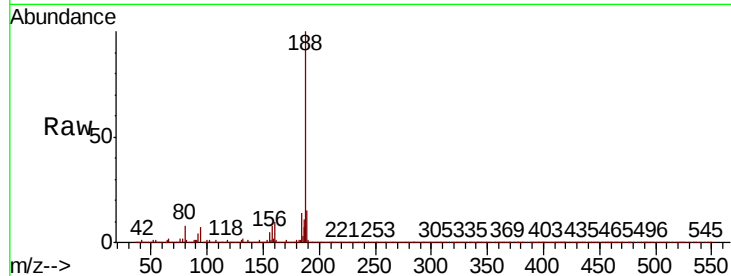




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2408
Delta R.T. 0.01 min
Lab File: BP003229.D
Acq: 08 Sep 2020 16:22

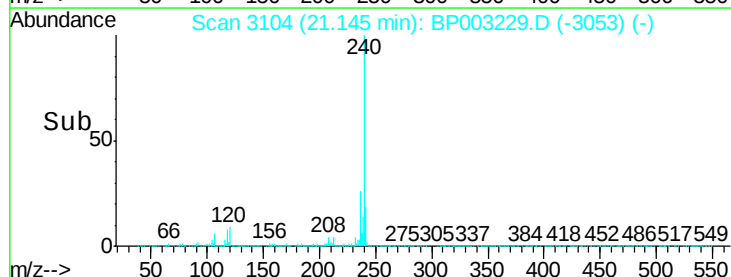
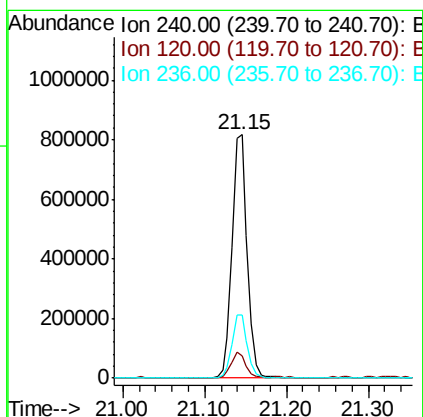
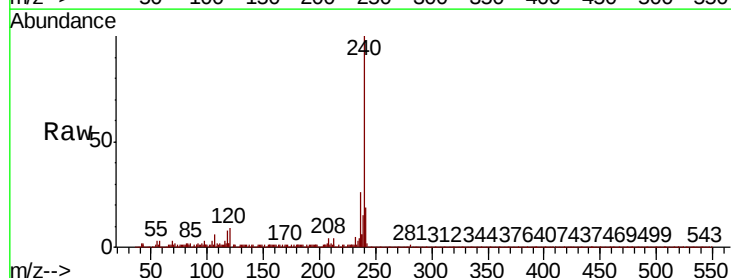
Instrument :
BNA_P
ClientSampleId :
BU-03-090420

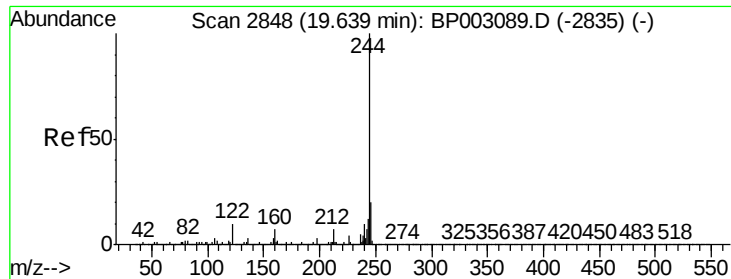
Tot Ion:188 Resp: 1431662
Ion Ratio Lower Upper
188 100
94 7.4 6.2 9.2
80 7.6 6.2 9.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3104
Delta R.T. 0.00 min
Lab File: BP003229.D
Acq: 08 Sep 2020 16:22

Tgt Ion:240 Resp: 1039390
Ion Ratio Lower Upper
240 100
120 9.1 7.8 11.6
236 26.1 20.8 31.2





#79

Terphenyl-d14

Concen: 28.266 ng

RT: 19.63 min Scan# 2846

Delta R.T. 0.01 min

Lab File: BP003229.D

Acq: 08 Sep 2020 16:22

Instrument :

BNA_P

ClientSampleId :

BU-03-090420

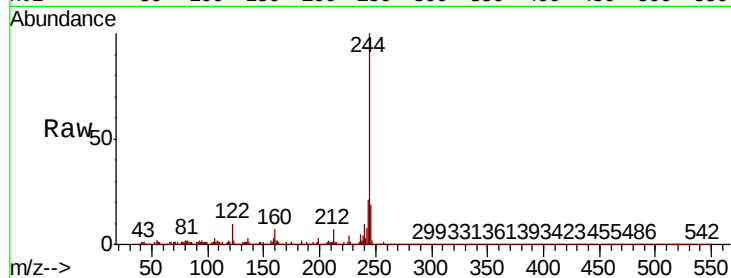
Tot Ion:244 Resp: 1335187

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

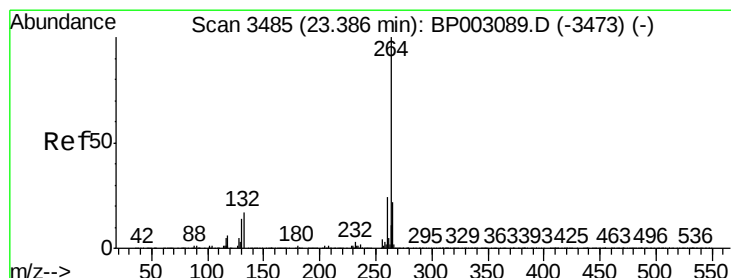
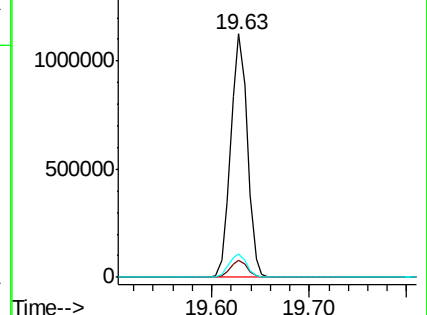
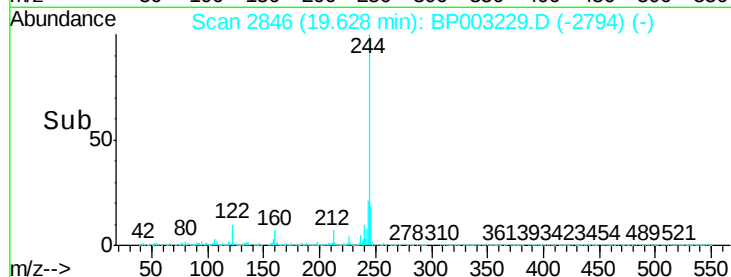
122 9.7 7.8 11.8



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# 3483

Delta R.T. 0.01 min

Lab File: BP003229.D

Acq: 08 Sep 2020 16:22

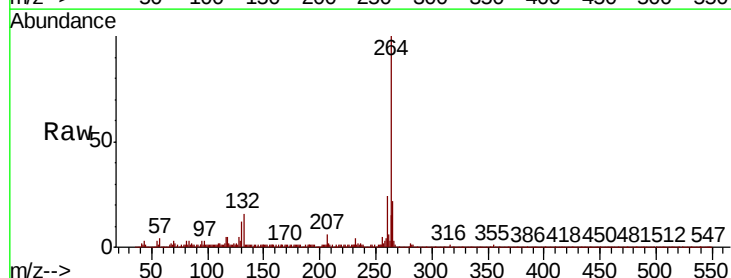
Tgt Ion:264 Resp: 1106289

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 22.2 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

