

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062220\
 Data File : BP002475.D
 Acq On : 22 Jun 2020 10:32
 Operator : CG/JU
 Sample : PB129638BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129638BL

Quant Time: Jun 22 14:26:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 15:08:53 2020
 Response via : Initial Calibration

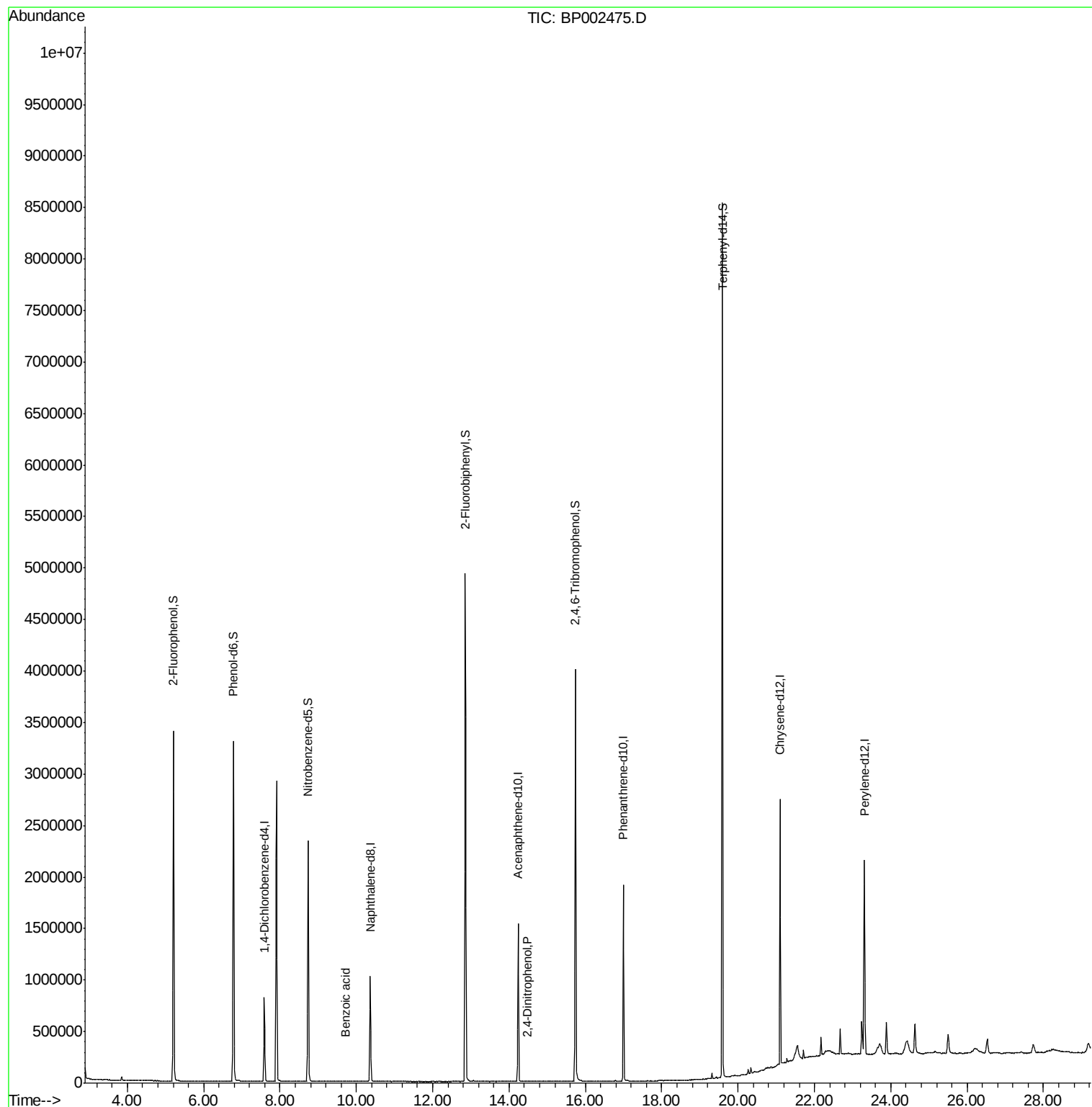
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	209610	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	845845	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	522790	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	1164148	20.00	ng	0.00
76) Chrysene-d12	21.10	240	1212712	20.00	ng	0.00
86) Perylene-d12	23.30	264	1325795	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1505714	132.92	ng	0.00
7) Phenol-d6	6.78	99	1966356	130.38	ng	0.00
23) Nitrobenzene-d5	8.73	82	1380013	97.43	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	740777	148.00	ng	0.00
45) 2-Fluorobiphenyl	12.86	172	2725709	87.67	ng	0.00
79) Terphenyl-d14	19.59	244	4139492	89.06	ng	0.00
Target Compounds						
9) Benzaldehyde	6.72	77	210	Below Cal	#	59
32) Benzoic acid	9.73	122	38	4.603 ng	#	1
54) 2,4-Dinitrophenol	14.48	184	9	2.788 ng		93
61) 4-Chlorophenyl-phenylether	15.28	204	41	Below Cal	#	1

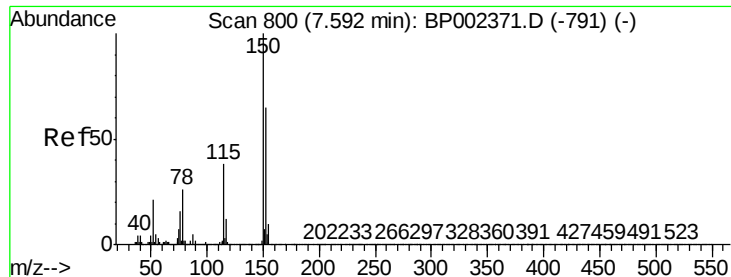
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.59 min Scan# 799

Delta R.T. -0.01 min

Lab File: BP002475.D

Acq: 22 Jun 2020 10:32

Instrument :

BNA_P

ClientSampleId :

PB129638BL

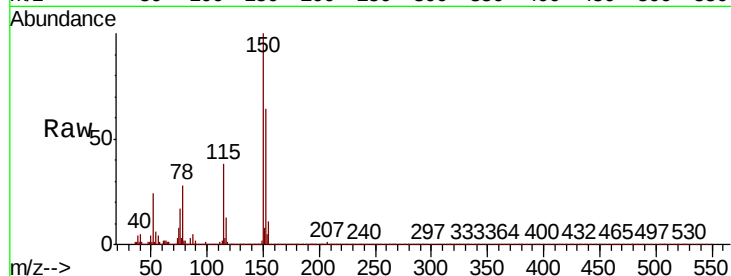
Tot Ion:152 Resp: 209610

Ion Ratio Lower Upper

152 100

150 156.1 124.0 186.0

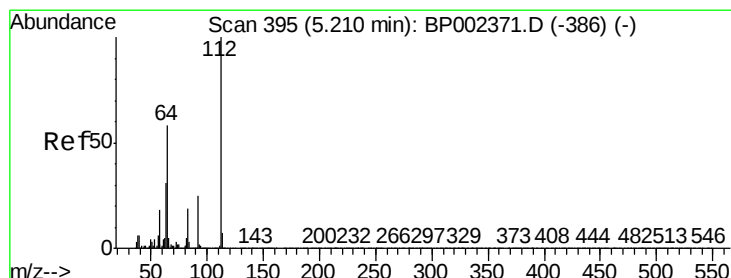
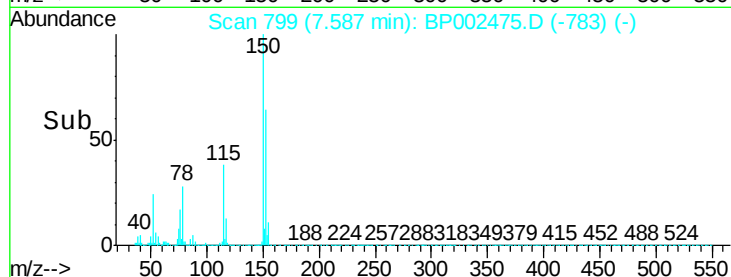
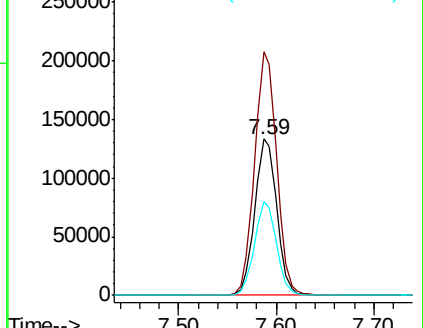
115 60.0 47.4 71.0



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: 132.923 ng

RT: 5.21 min Scan# 395

Delta R.T. 0.00 min

Lab File: BP002475.D

Acq: 22 Jun 2020 10:32

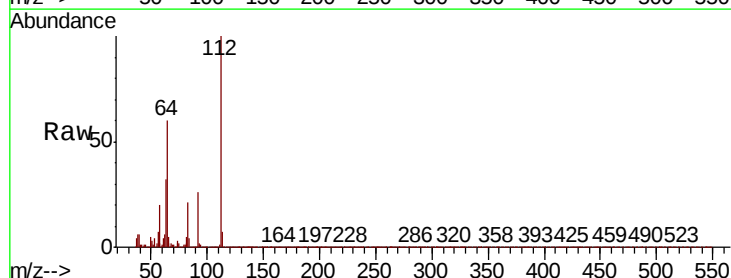
Tgt Ion:112 Resp: 1505714

Ion Ratio Lower Upper

112 100

64 59.7 46.2 69.2

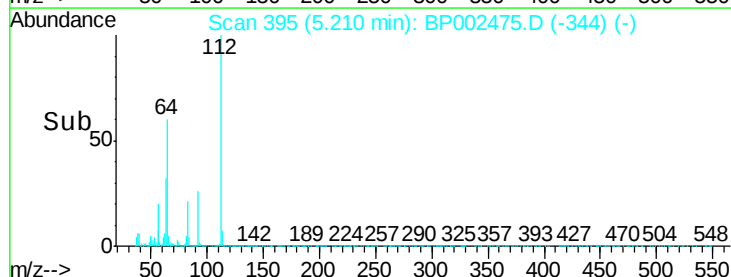
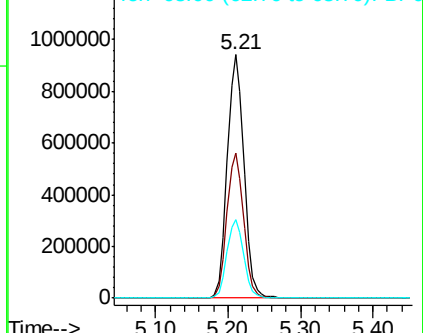
63 32.3 24.5 36.7

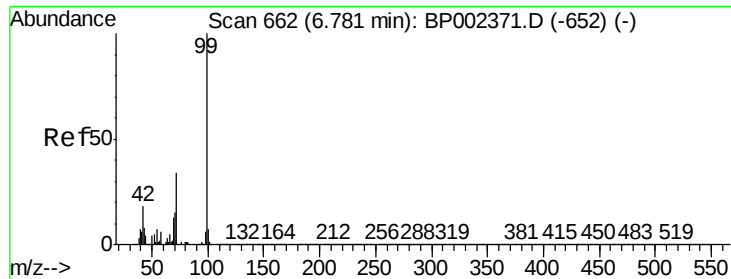


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 130.381 ng

RT: 6.78 min Scan# 662

Delta R.T. 0.00 min

Lab File: BP002475.D

Acq: 22 Jun 2020 10:32

Instrument :

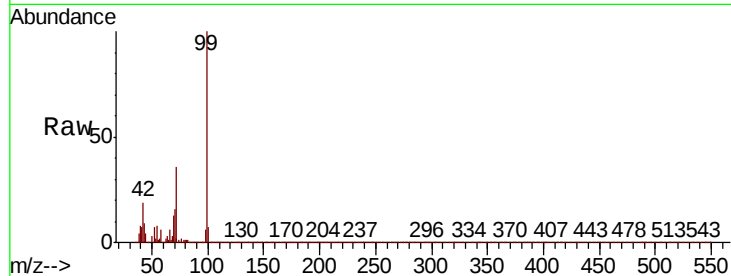
BNA_P

ClientSampleId :

PB129638BL

Tot Ion: 99 Resp: 1966356

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.6	22.0
71	36.0	27.2	40.8



Abundance

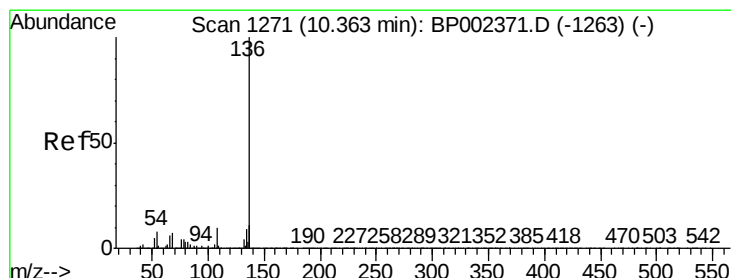
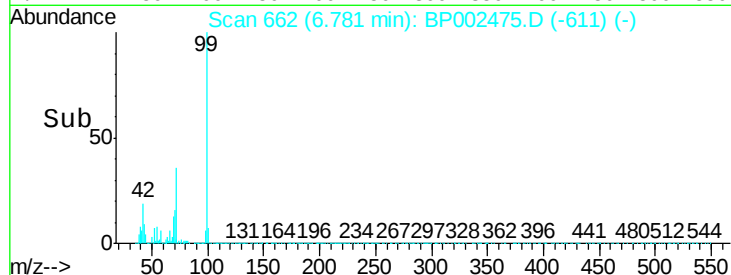
Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

6.78

Time--> 6.60 6.70 6.80 6.90 7.00



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1271

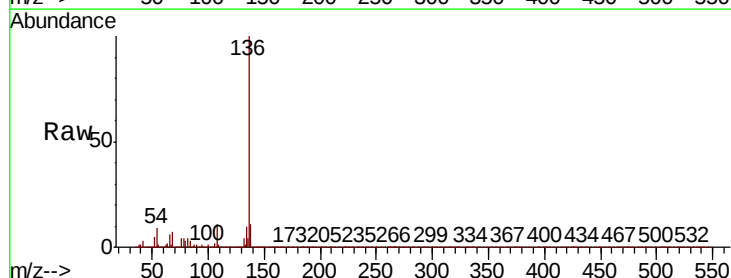
Delta R.T. 0.00 min

Lab File: BP002475.D

Acq: 22 Jun 2020 10:32

Tgt Ion: 136 Resp: 845845

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.5	6.4	9.6
68	7.0	5.6	8.4



Abundance

Ion 136.00 (135.70 to 136.70): E

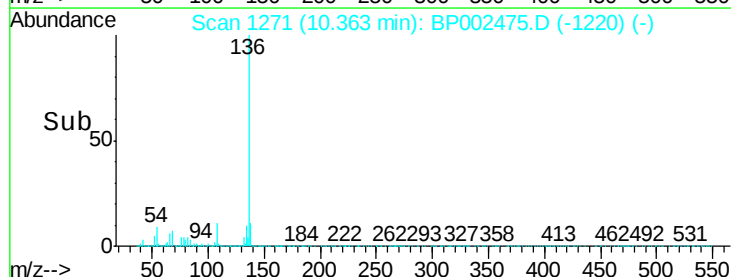
Ion 137.00 (136.70 to 137.70): E

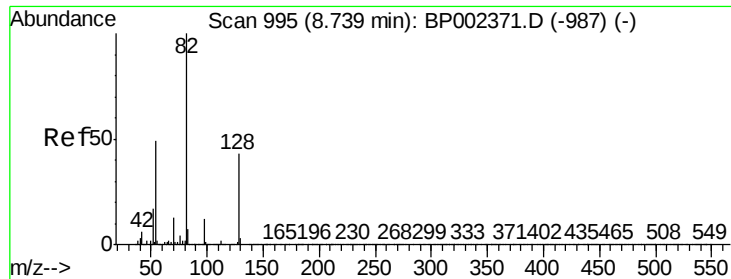
Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

10.36

Time--> 10.20 10.40 10.60

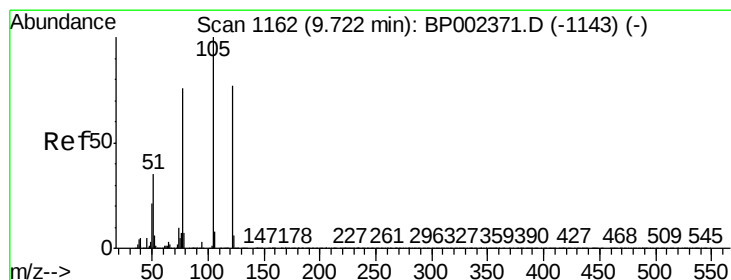
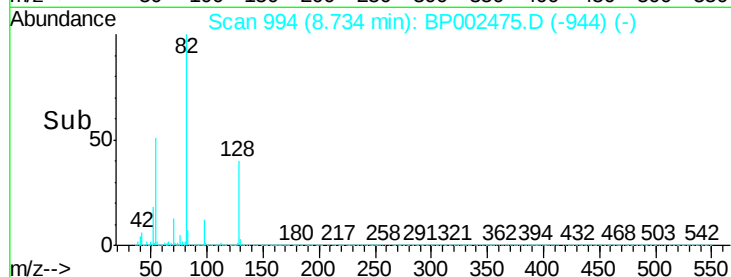
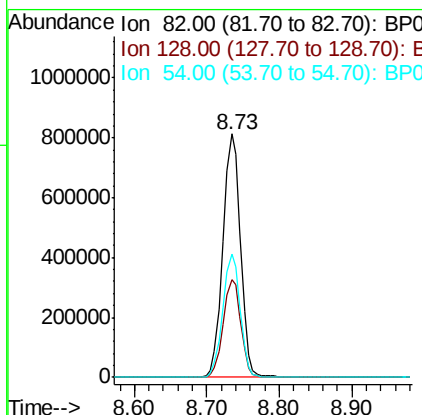
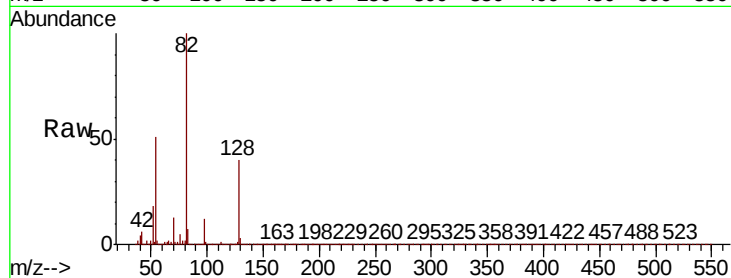




#23
Nitrobenzene-d5
Concen: 97.433 ng
RT: 8.73 min Scan# 994
Delta R.T. -0.01 min
Lab File: BP002475.D
Acq: 22 Jun 2020 10:32

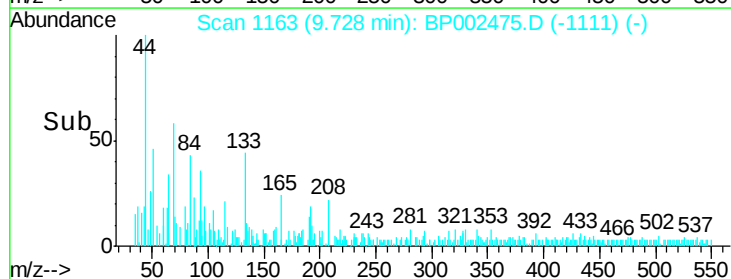
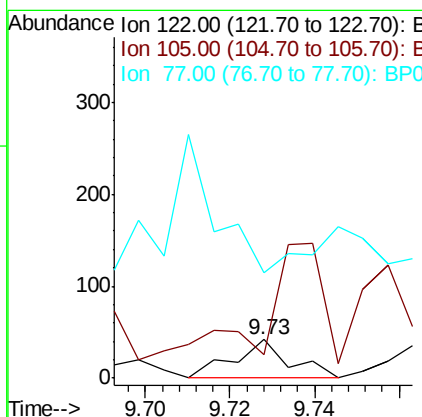
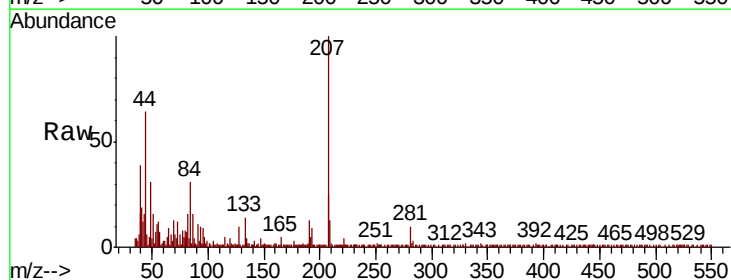
Instrument :
BNA_P
ClientSampleId :
PB129638BL

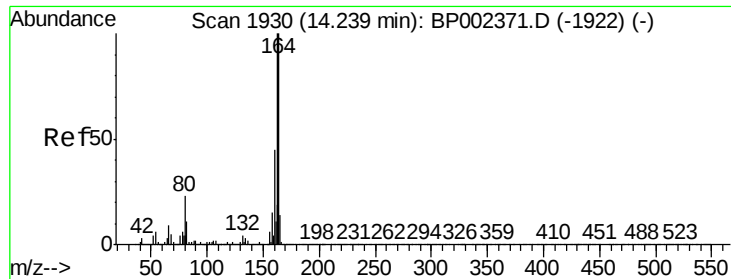
Tot Ion: 82 Resp: 1380013
Ion Ratio Lower Upper
82 100
128 40.1 34.5 51.7
54 50.6 39.4 59.2



#32
Benzoic acid
Concen: 4.603 ng
RT: 9.73 min Scan# 1163
Delta R.T. 0.01 min
Lab File: BP002475.D
Acq: 22 Jun 2020 10:32

Tgt Ion: 122 Resp: 38
Ion Ratio Lower Upper
122 100
105 61.9 106.3 146.3#
77 273.8 77.5 117.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.23 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BP002475.D

Acq: 22 Jun 2020 10:32

Instrument :

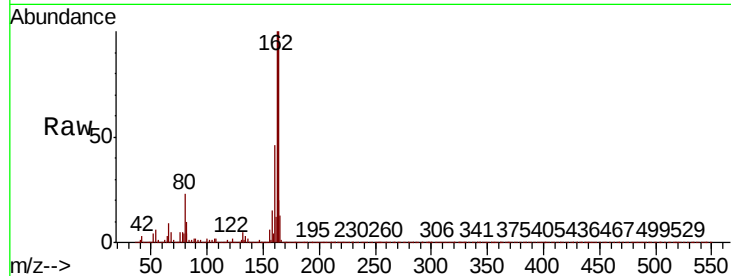
BNA_P

ClientSampleId :

PB129638BL

Tot Ion:164 Resp: 522790

Ion	Ratio	Lower	Upper
164	100		
162	99.8	79.8	119.8
160	45.6	36.2	54.2

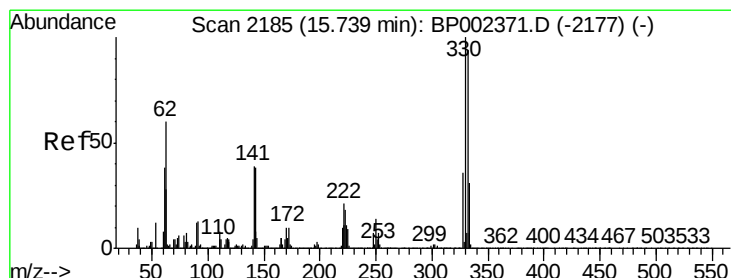
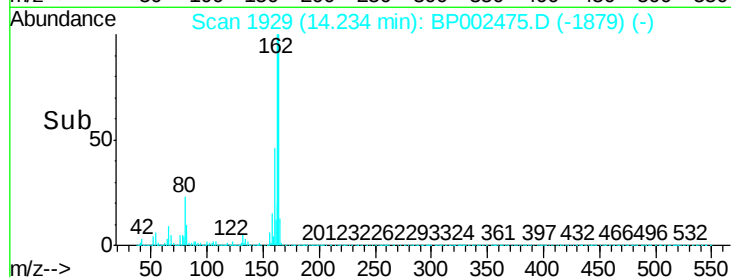
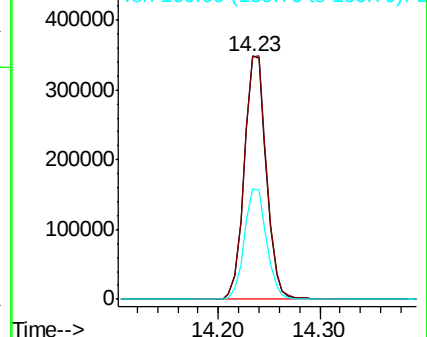


Abundance

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: 147.997 ng

RT: 15.74 min Scan# 2185

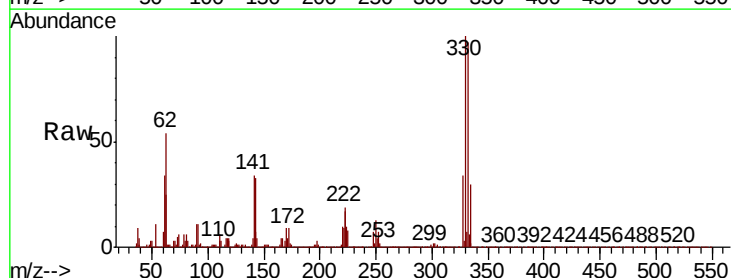
Delta R.T. 0.00 min

Lab File: BP002475.D

Acq: 22 Jun 2020 10:32

Tgt Ion:330 Resp: 740777

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	35.9	30.3	45.5

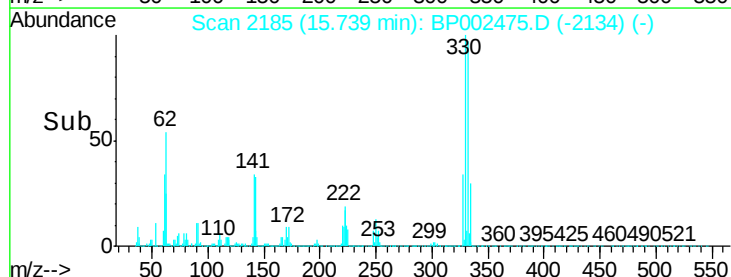
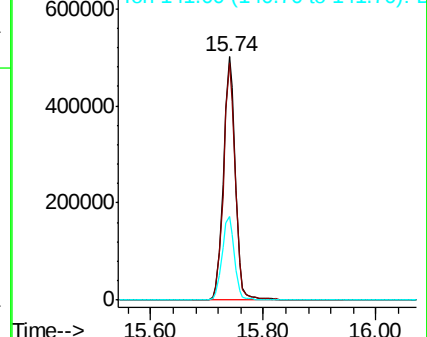


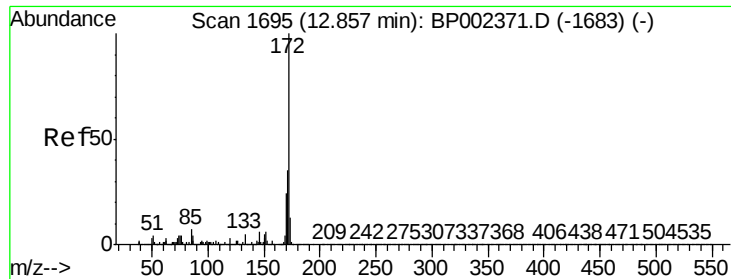
Abundance

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

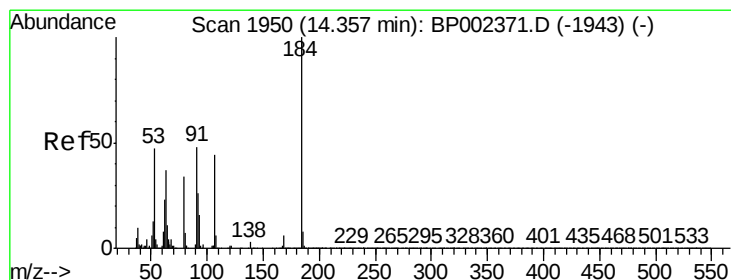
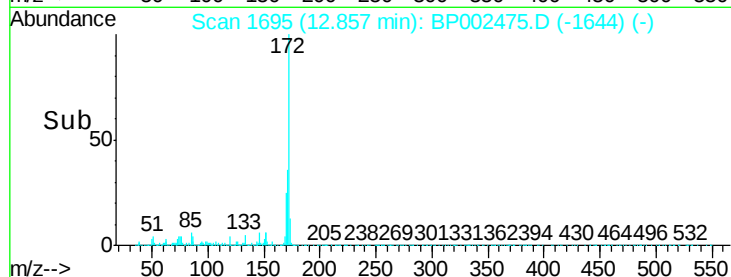
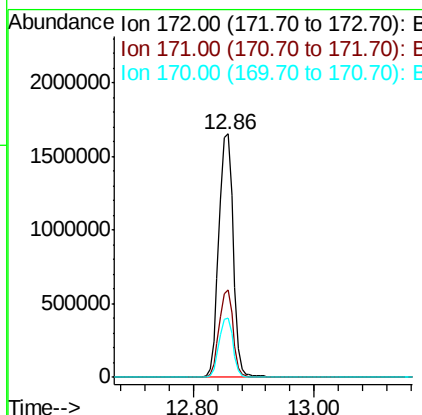
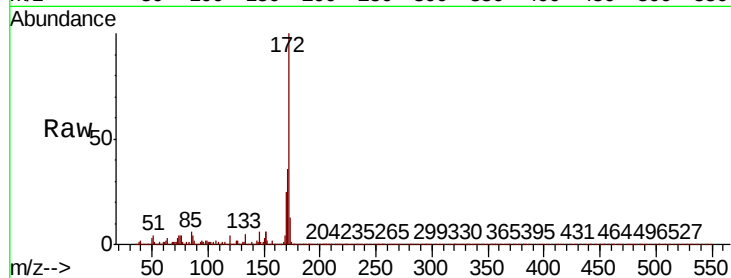




#45
2-Fluorobiphenyl
Concen: 87.665 ng
RT: 12.86 min Scan# 1695
Delta R.T. 0.00 min
Lab File: BP002475.D
Acq: 22 Jun 2020 10:32

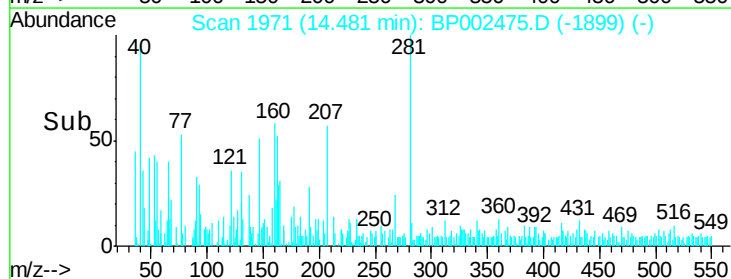
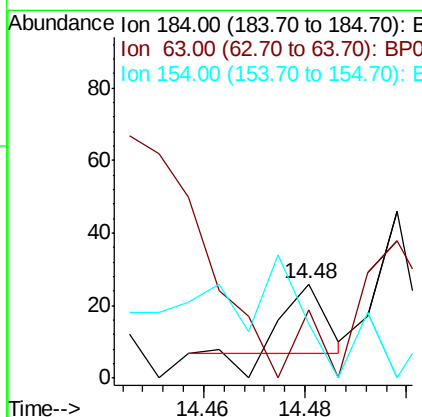
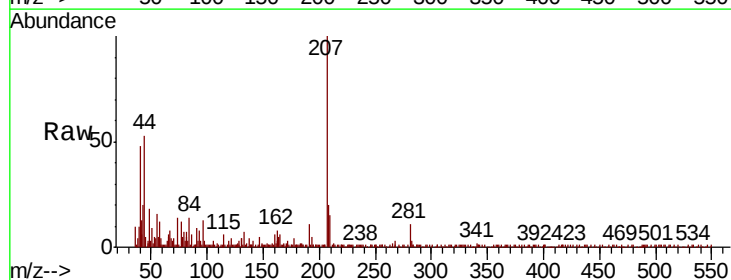
Instrument :
BNA_P
ClientSampleId :
PB129638BL

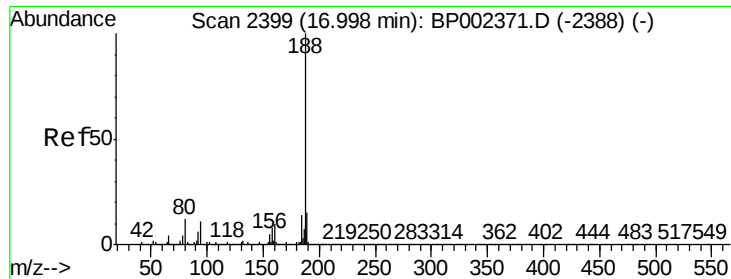
Tot Ion:172 Resp: 2725709
Ion Ratio Lower Upper
172 100
171 36.1 27.8 41.8
170 24.5 19.0 28.6



#54
2,4-Dinitrophenol
Concen: 2.788 ng
RT: 14.48 min Scan# 1971
Delta R.T. 0.12 min
Lab File: BP002475.D
Acq: 22 Jun 2020 10:32

Tgt Ion:184 Resp: 9
Ion Ratio Lower Upper
184 100
63 73.1 52.3 78.5
154 57.7 48.6 72.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.00 min Scan# 2399

Delta R.T. 0.00 min

Lab File: BP002475.D

Acq: 22 Jun 2020 10:32

Instrument :

BNA_P

ClientSampleId :

PB129638BL

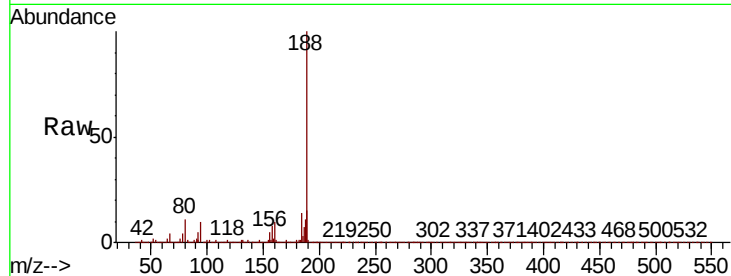
Tot Ion:188 Resp: 1164148

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

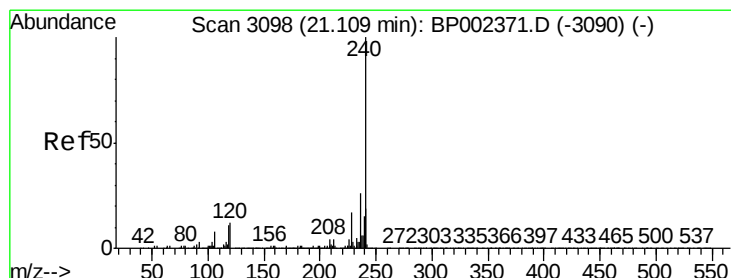
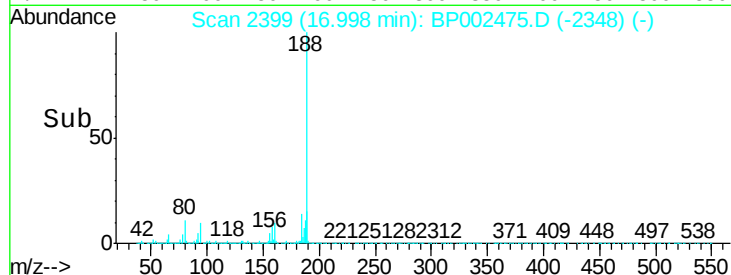
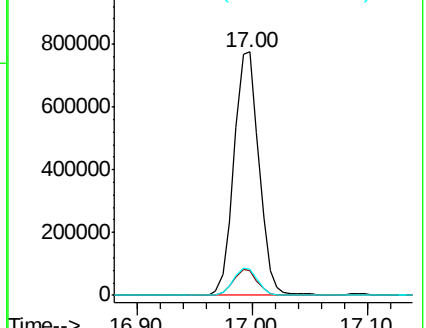
80 10.7 9.4 14.0



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: 21.10 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BP002475.D

Acq: 22 Jun 2020 10:32

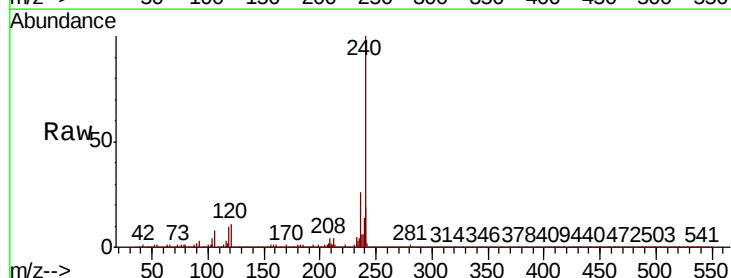
Tgt Ion:240 Resp: 1212712

Ion Ratio Lower Upper

240 100

120 10.9 9.3 13.9

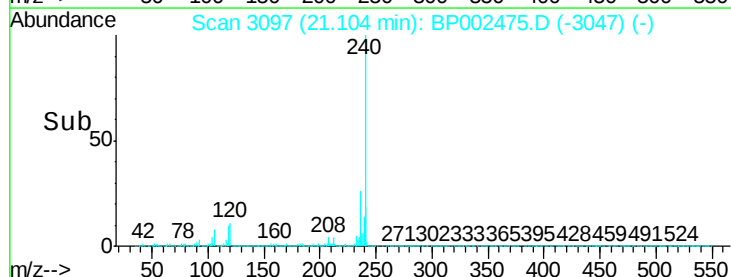
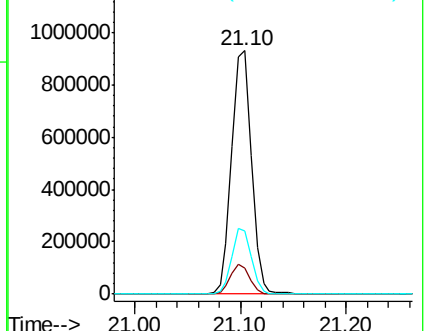
236 25.8 21.0 31.6

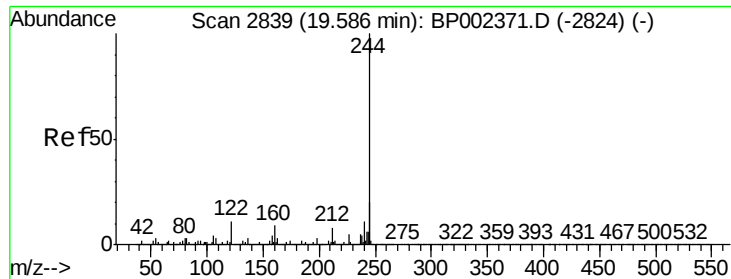


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 89.064 ng

RT: 19.59 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BP002475.D

Acq: 22 Jun 2020 10:32

Instrument :

BNA_P

ClientSampleId :

PB129638BL

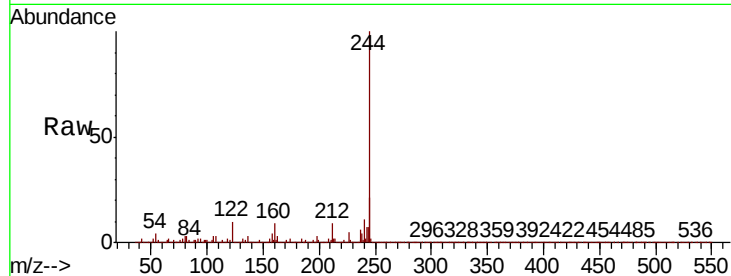
Tot Ion:244 Resp: 4139492

Ion Ratio Lower Upper

244 100

212 8.9 6.6 10.0

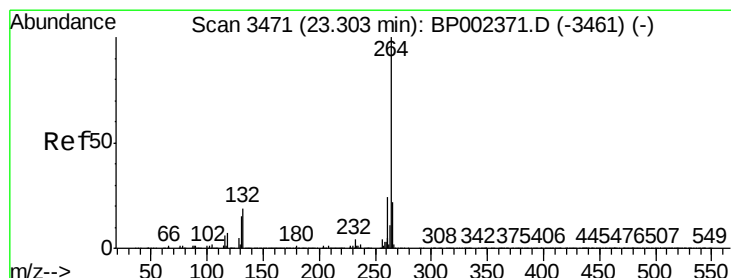
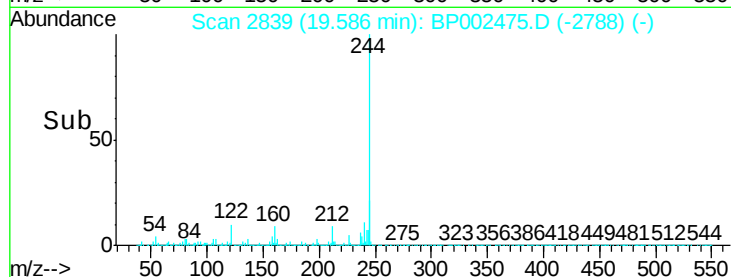
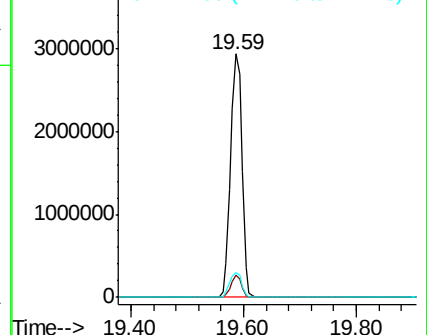
122 10.3 8.8 13.2



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.30 min Scan# 3471

Delta R.T. 0.00 min

Lab File: BP002475.D

Acq: 22 Jun 2020 10:32

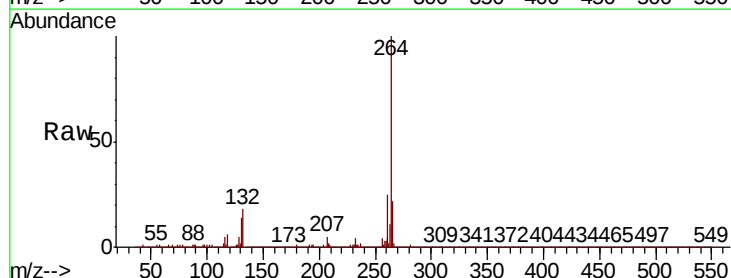
Tgt Ion:264 Resp: 1325795

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.0

265 22.1 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

