

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070220\
 Data File : BP002637.D
 Acq On : 02 Jul 2020 18:47
 Operator : CG/JU
 Sample : L3172-18
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP2-TS

Quant Time: Jul 03 04:25:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

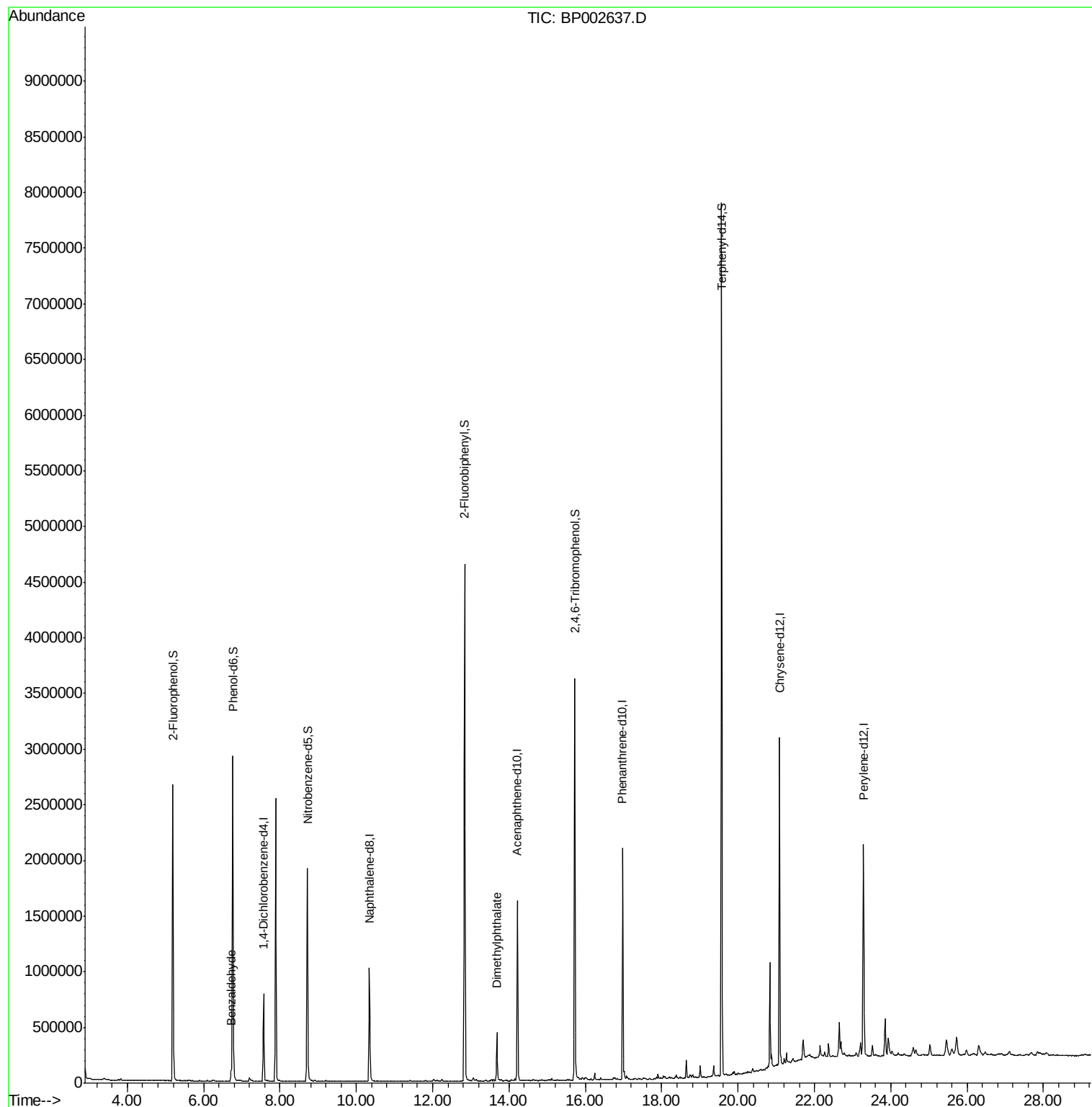
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	210808	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	850920	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	544599	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	1229524	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1343726	20.00	ng	0.00
86) Perylene-d12	23.28	264	1307763	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1301735	104.55	ng	0.00
7) Phenol-d6	6.76	99	1772490	101.99	ng	0.00
23) Nitrobenzene-d5	8.72	82	1187089	71.88	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	703255	106.17	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	2572324	69.52	ng	0.00
79) Terphenyl-d14	19.57	244	3947051	63.40	ng	0.00
Target Compounds						
9) Benzaldehyde	6.72	77	37606	3.212	ng	99
50) Dimethylphthalate	13.68	163	290592	6.794	ng	99

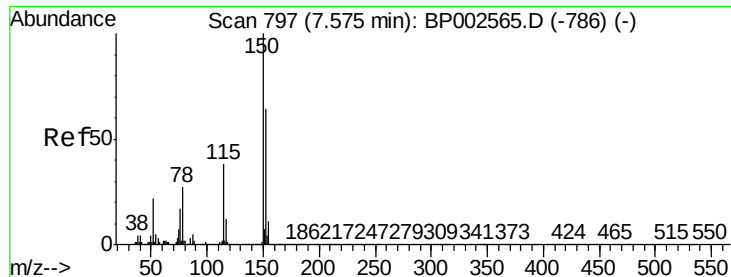
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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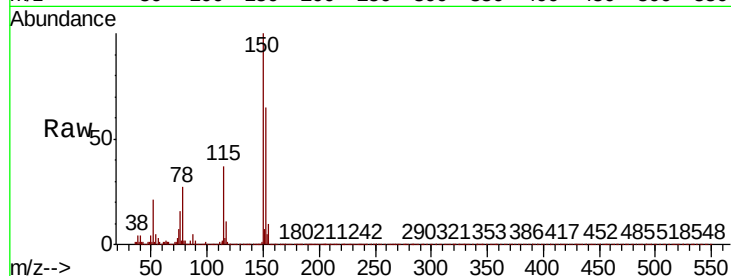


#1

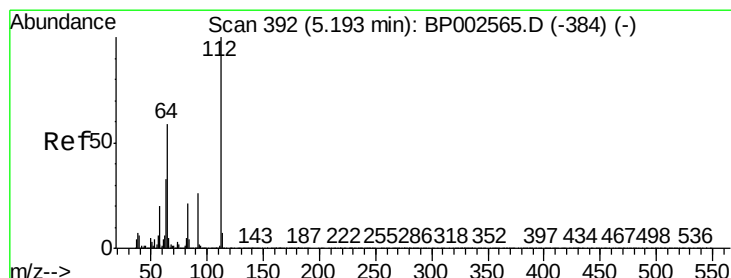
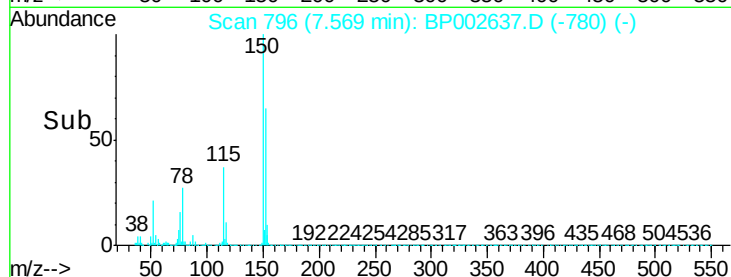
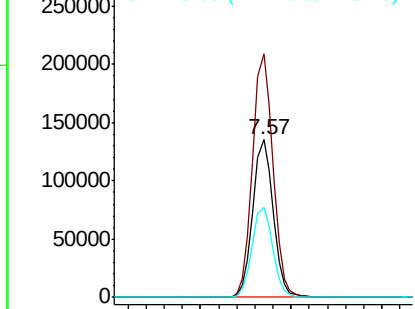
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002637.D
Acq: 02 Jul 2020 18:47

Instrument :
BNA_P
ClientSampleId :
TP2-TS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.2	186.2
115	57.3	47.1	70.7



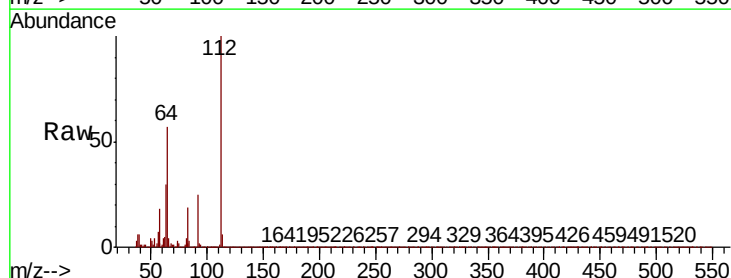
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



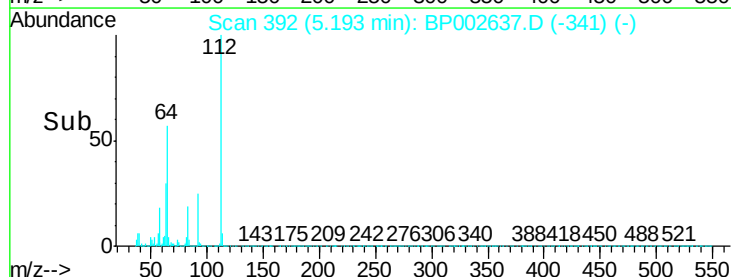
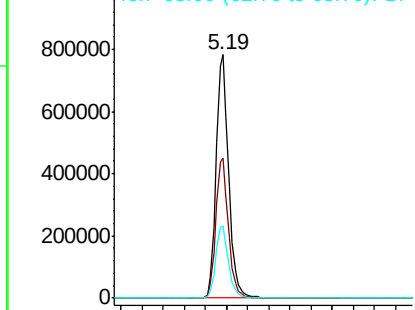
#5

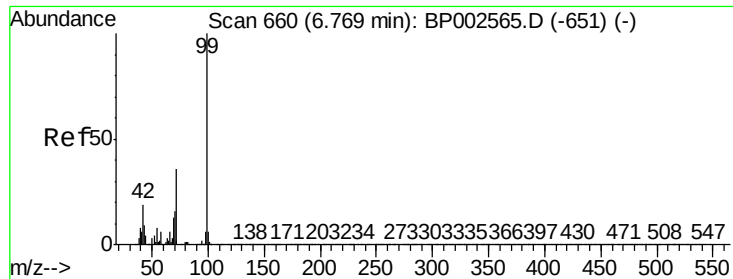
2-Fluorophenol
Concen: 104.549 ng
RT: 5.19 min Scan# 392
Delta R.T. 0.00 min
Lab File: BP002637.D
Acq: 02 Jul 2020 18:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	47.0	70.6
63	29.8	26.1	39.1



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: 101.995 ng

RT: 6.76 min Scan# 659

Delta R.T. -0.01 min

Lab File: BP002637.D

Acq: 02 Jul 2020 18:47

Instrument :

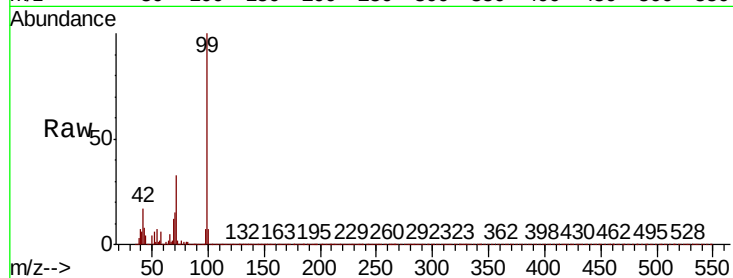
BNA_P

ClientSampleId :

TP2-TS

Tot Ion: 99 Resp: 1772490

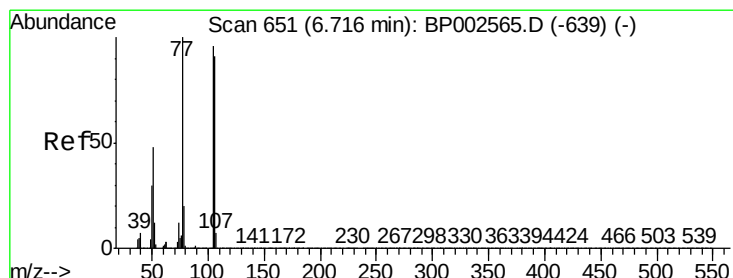
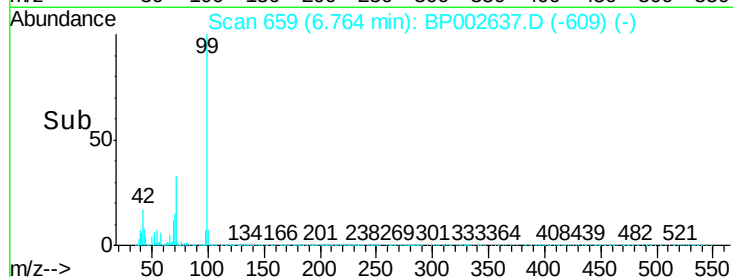
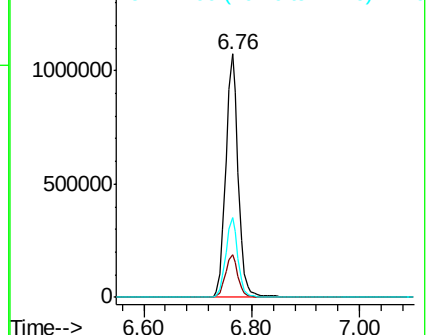
Ion	Ratio	Lower	Upper
99	100		
42	17.4	15.5	23.3
71	32.7	28.9	43.3



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



#9

Benzaldehyde

Concen: 3.212 ng

RT: 6.72 min Scan# 651

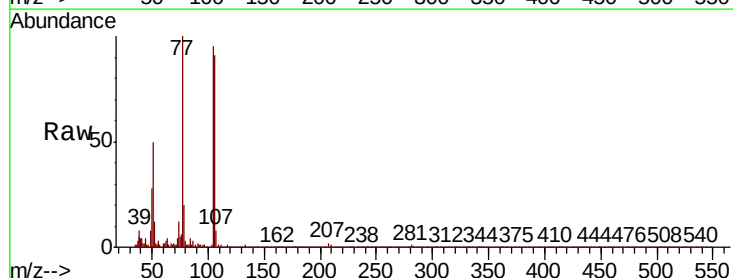
Delta R.T. 0.00 min

Lab File: BP002637.D

Acq: 02 Jul 2020 18:47

Tgt Ion: 77 Resp: 37606

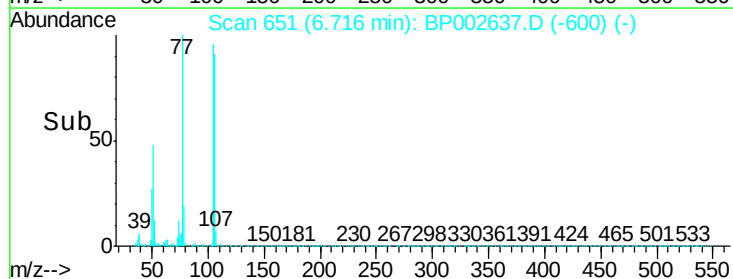
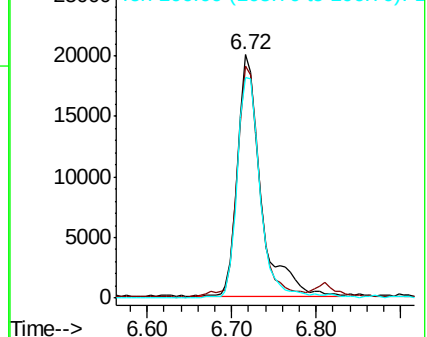
Ion	Ratio	Lower	Upper
77	100		
105	95.4	76.5	116.5
106	90.5	70.9	110.9

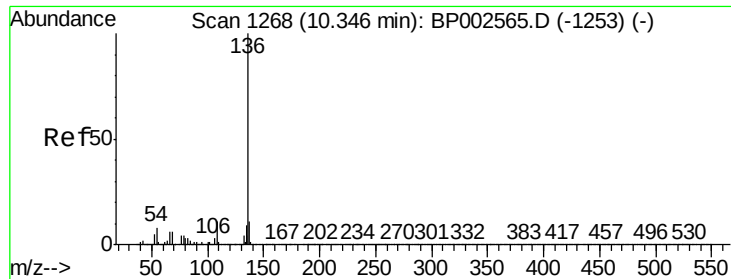


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

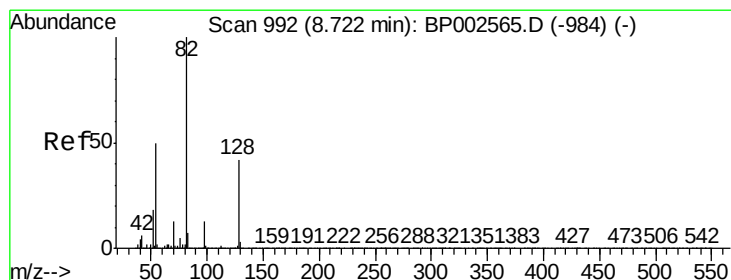
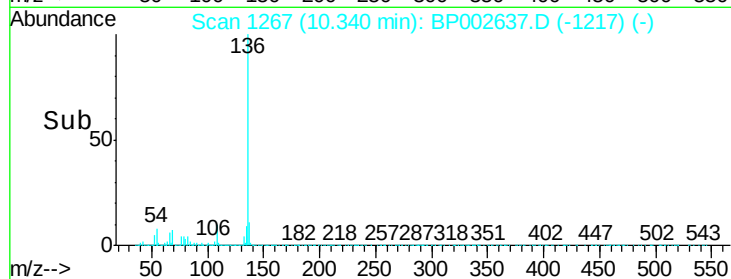
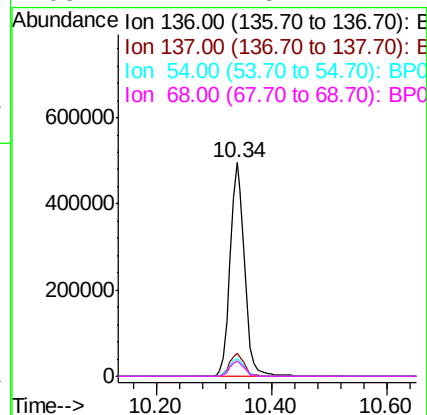
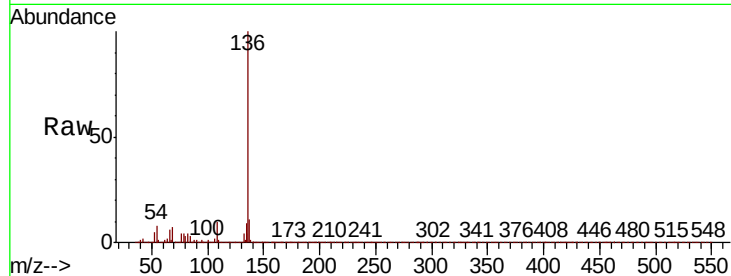




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP002637.D
Acq: 02 Jul 2020 18:47

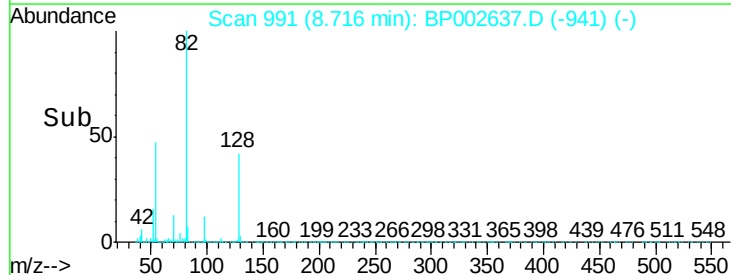
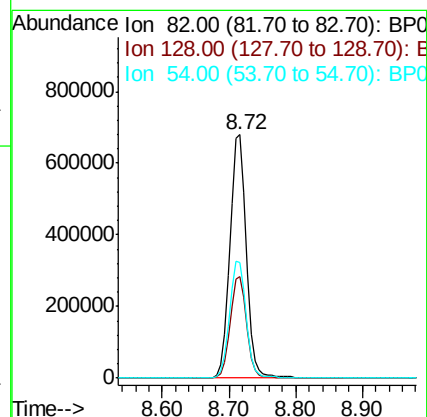
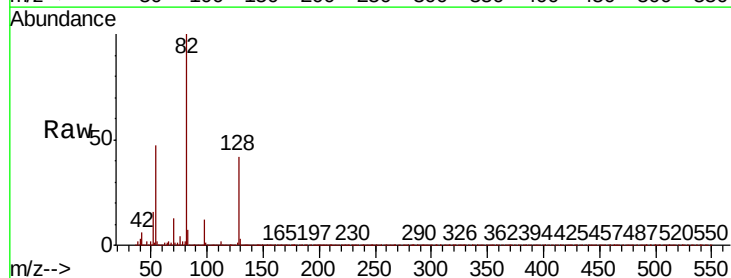
Instrument :
BNA_P
ClientSampleId :
TP2-TS

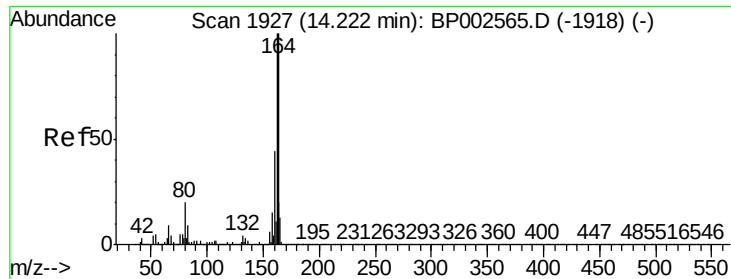
Tot Ion:136	Resp:	850920	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.8	13.2	
54 8.5	6.4	9.6	
68 7.2	5.1	7.7	



#23
Nitrobenzene-d5
Concen: 71.881 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP002637.D
Acq: 02 Jul 2020 18:47

Tgt Ion: 82	Resp: 1187089
Ion Ratio	Lower Upper
82 100	
128 41.7	33.4 50.2
54 47.5	40.1 60.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.22 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BP002637.D

Acq: 02 Jul 2020 18:47

Instrument :

BNA_P

ClientSampled :

TP2-TS

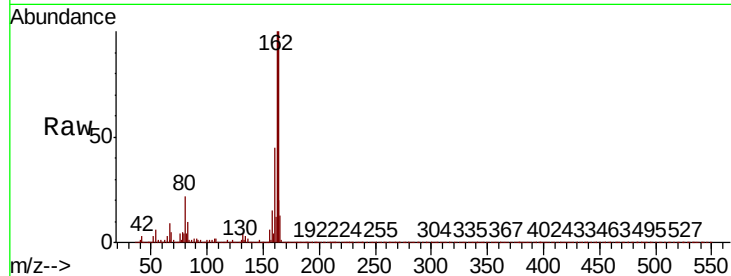
Tot Ion:164 Resp: 544599

Ion Ratio Lower Upper

164 100

162 100.1 80.3 120.5

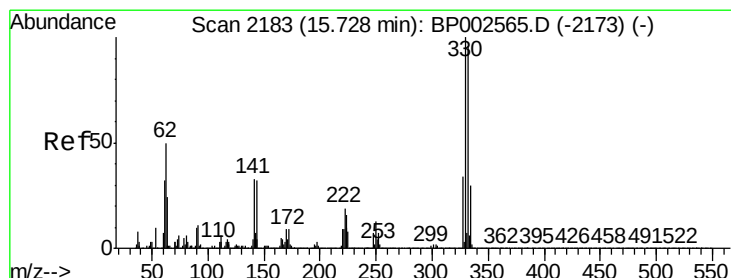
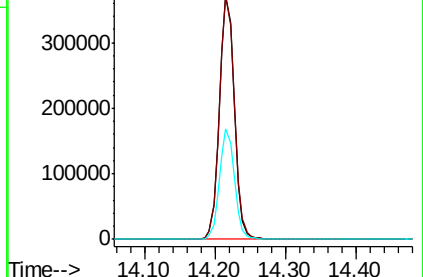
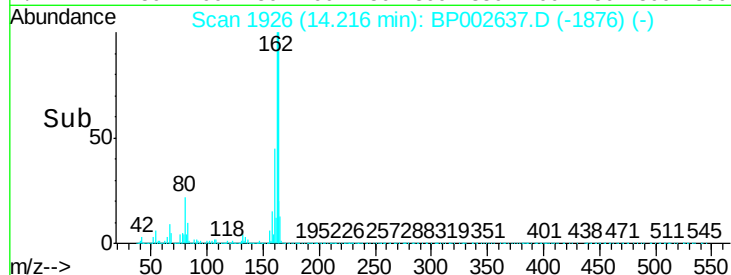
160 45.5 35.0 52.6



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: 106.170 ng

RT: 15.72 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BP002637.D

Acq: 02 Jul 2020 18:47

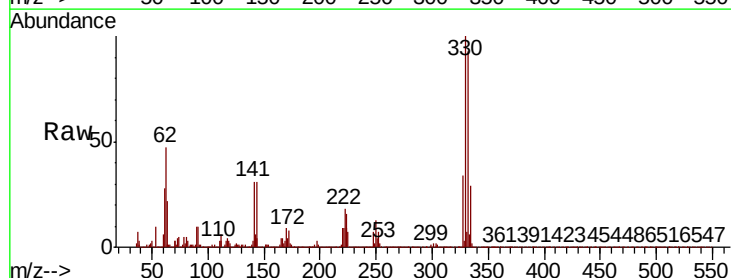
Tgt Ion:330 Resp: 703255

Ion Ratio Lower Upper

330 100

332 95.5 77.7 116.5

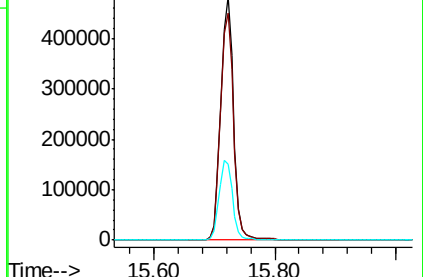
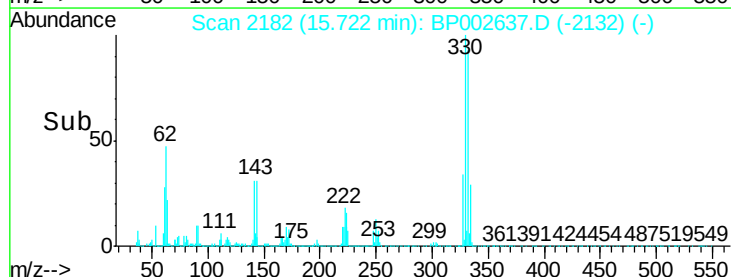
141 34.4 29.0 43.6

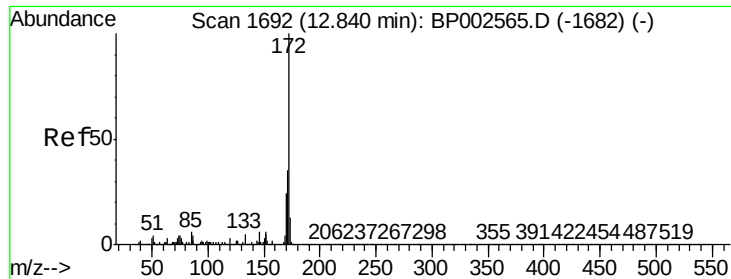


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

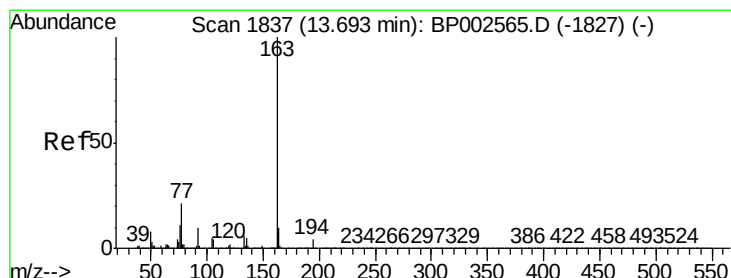
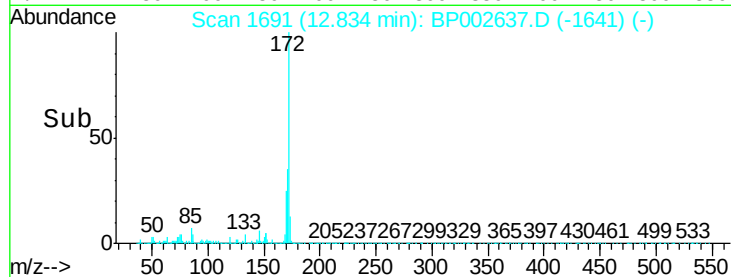
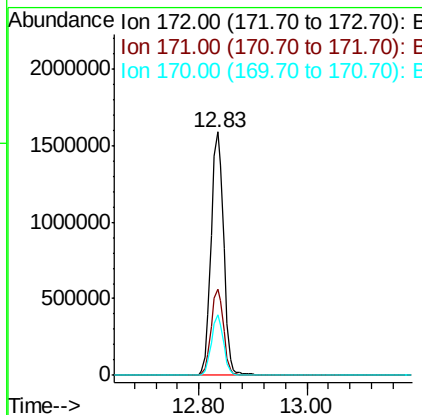
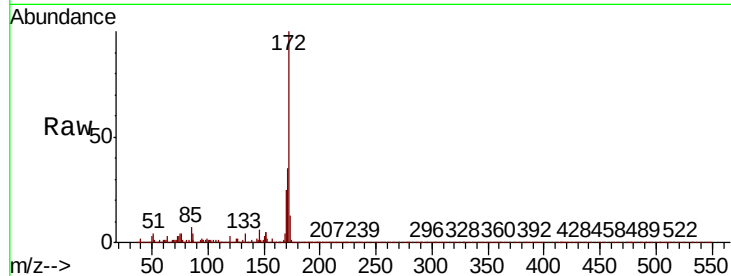




#45
2-Fluorobiphenyl
Concen: 69.520 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BP002637.D
Acq: 02 Jul 2020 18:47

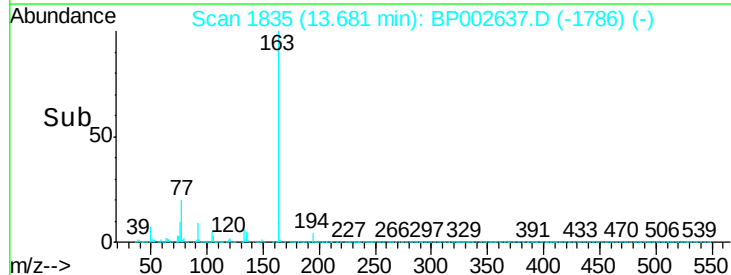
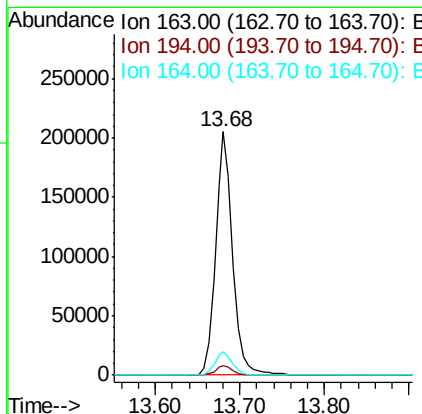
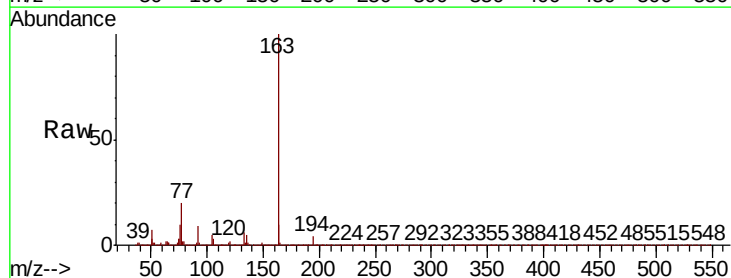
Instrument :
BNA_P
ClientSampleId :
TP2-TS

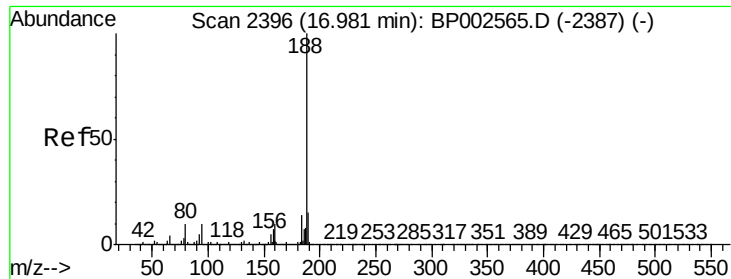
Tot Ion:172 Resp: 2572324
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 24.7 19.0 28.4



#50
Dimethylphthalate
Concen: 6.794 ng
RT: 13.68 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BP002637.D
Acq: 02 Jul 2020 18:47

Tgt Ion:163 Resp: 290592
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 9.8 8.2 12.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.97 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BP002637.D

Acq: 02 Jul 2020 18:47

Instrument :

BNA_P

ClientSampled :

TP2-TS

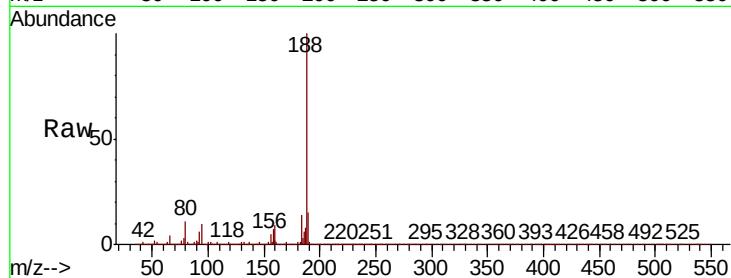
Tot Ion:188 Resp: 1229524

Ion Ratio Lower Upper

188 100

94 10.2 7.8 11.6

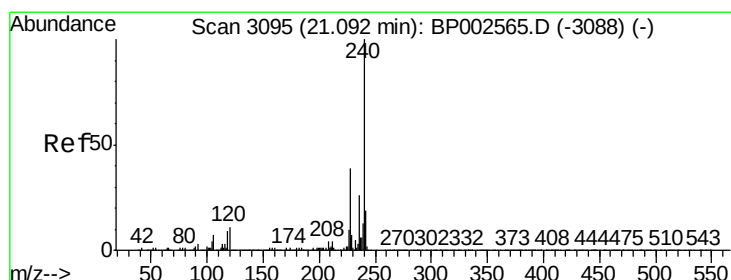
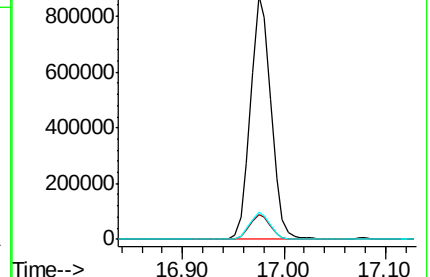
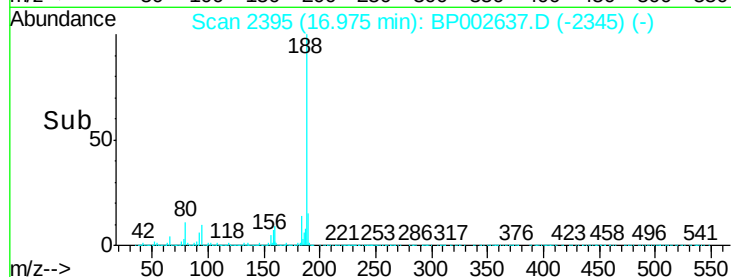
80 11.0 8.2 12.4



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: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BP002637.D

Acq: 02 Jul 2020 18:47

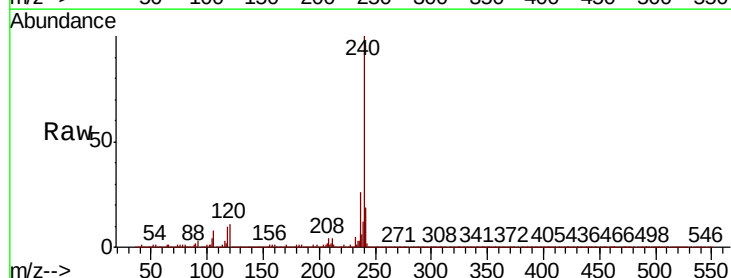
Tgt Ion:240 Resp: 1343726

Ion Ratio Lower Upper

240 100

120 11.2 8.6 13.0

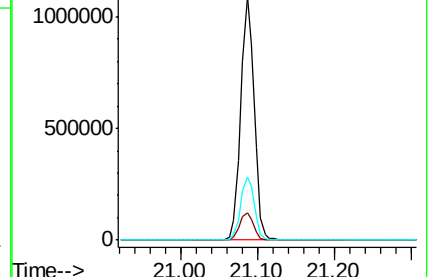
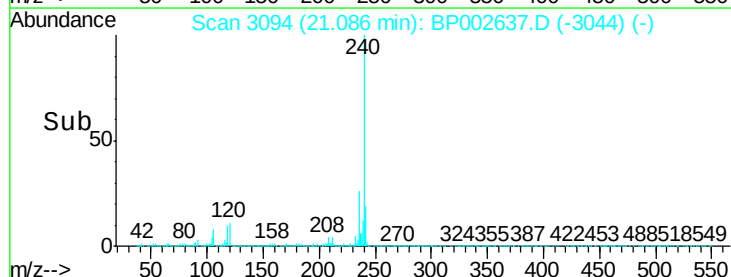
236 26.1 20.8 31.2

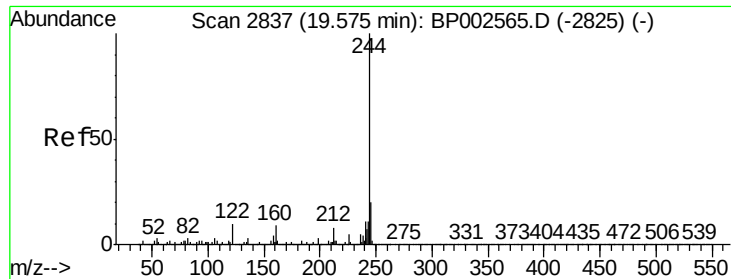


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 63.403 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BP002637.D

Acq: 02 Jul 2020 18:47

Instrument :

BNA_P

ClientSampleId :

TP2-TS

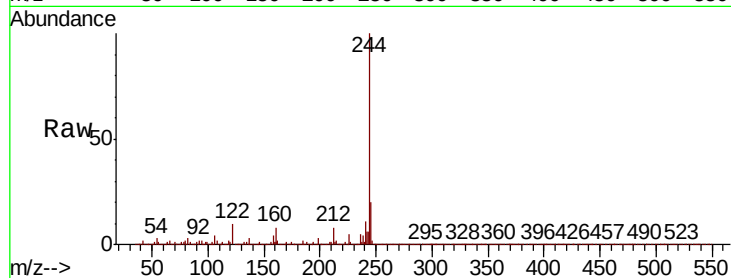
Tot Ion:244 Resp: 3947051

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

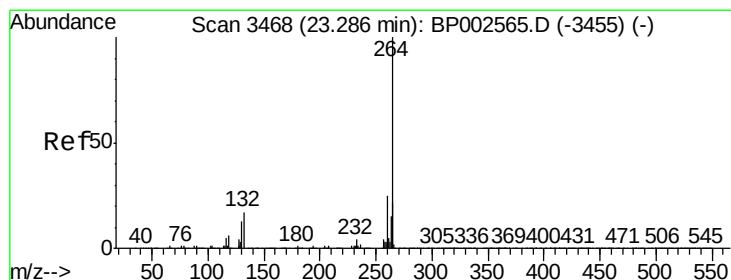
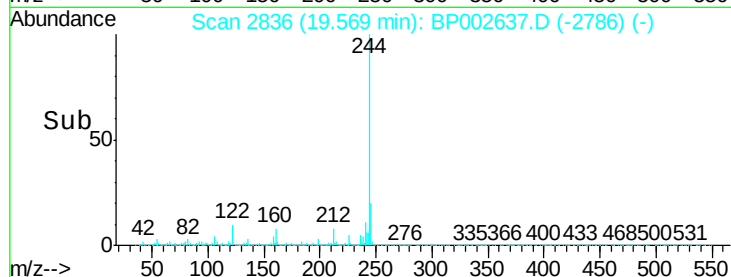
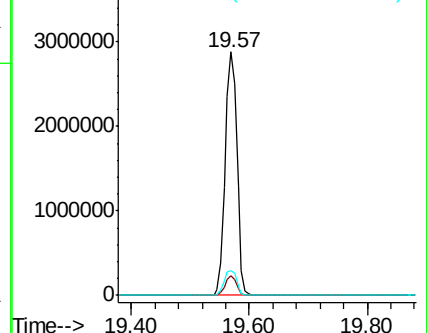
122 10.4 7.9 11.9



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: 23.28 min Scan# 3467

Delta R.T. -0.01 min

Lab File: BP002637.D

Acq: 02 Jul 2020 18:47

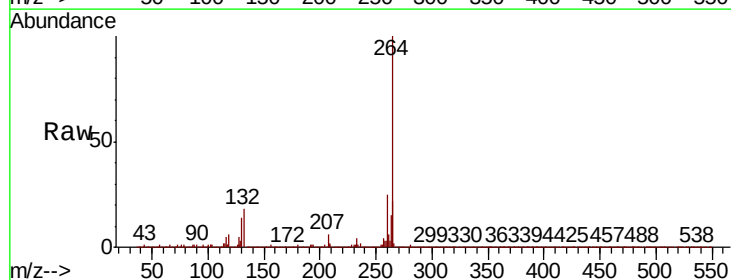
Tgt Ion:264 Resp: 1307763

Ion Ratio Lower Upper

264 100

260 25.1 19.7 29.5

265 21.9 17.6 26.4



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

