

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072220\
 Data File : BP002831.D
 Acq On : 22 Jul 2020 18:40
 Operator : CG/JU
 Sample : L3189-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BU-02-072120

Quant Time: Jul 23 01:31:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:54:03 2020
 Response via : Initial Calibration

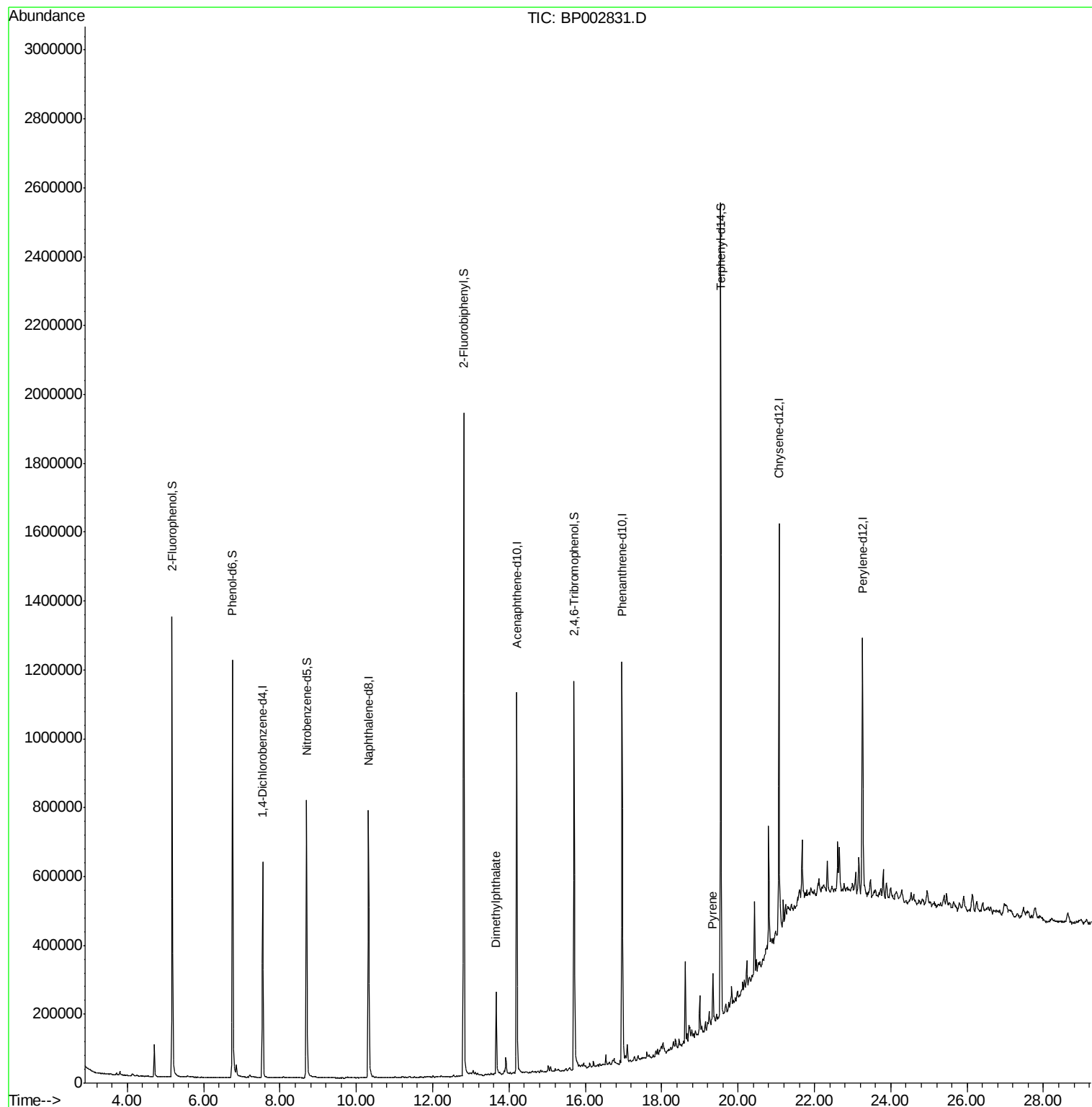
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	161663	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	651481	20.00	ng	-0.01
39) Acenaphthene-d10	14.20	164	378267	20.00	ng	-0.01
64) Phenanthrene-d10	16.96	188	737371	20.00	ng	-0.01
76) Chrysene-d12	21.07	240	516183	20.00	ng	0.00
86) Perylene-d12	23.26	264	514231	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	590717	61.65	ng	0.00
7) Phenol-d6	6.76	99	795774	58.19	ng	0.00
23) Nitrobenzene-d5	8.69	82	494399	40.59	ng	-0.01
42) 2,4,6-Tribromophenol	15.70	330	225503	57.11	ng	0.00
45) 2-Fluorobiphenyl	12.81	172	1061799	43.42	ng	-0.01
79) Terphenyl-d14	19.55	244	1059952	47.08	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.66	163	158041	5.478	ng	99
78) Pyrene	19.34	202	87734	2.462	ng	99

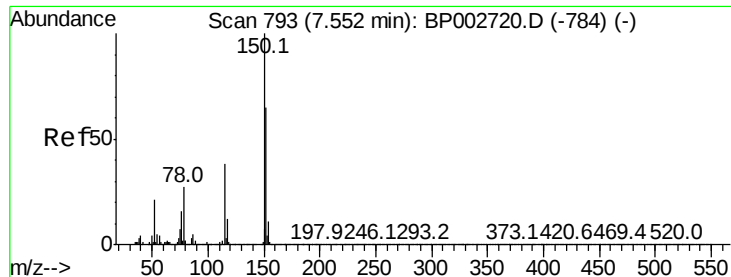
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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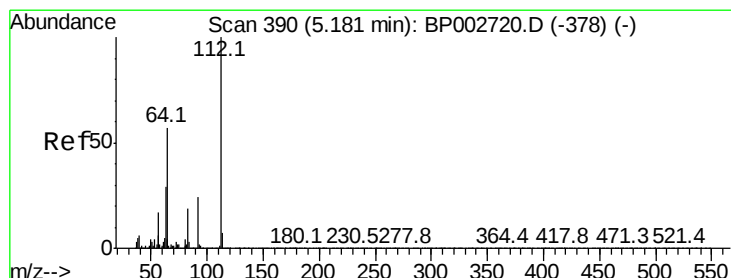
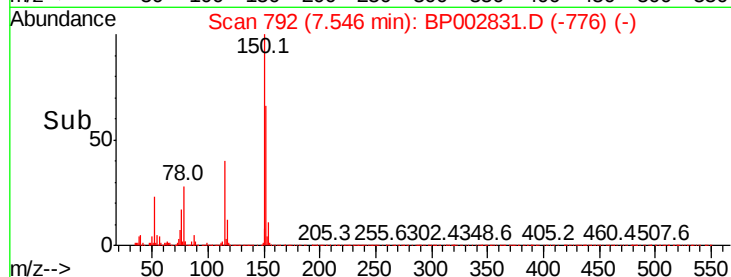
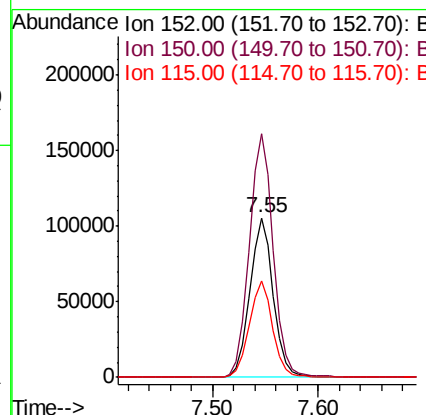
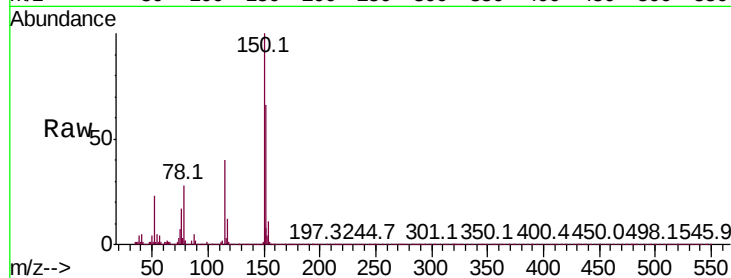


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 792
Delta R.T. -0.01 min
Lab File: BP002831.D
Acq: 22 Jul 2020 18:40

Instrument :
BNA_P
ClientSampleId :
BU-02-072120

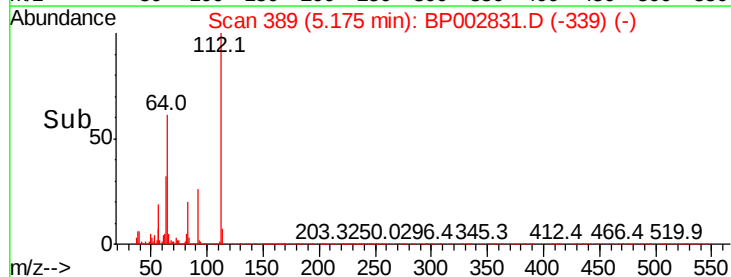
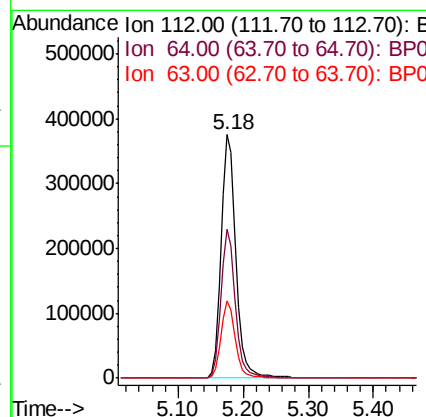
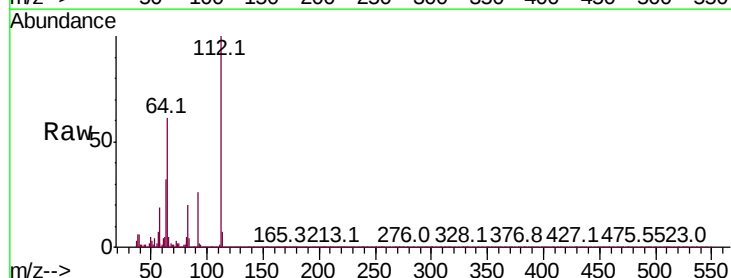
Tot Ion:152 Resp: 161663
Ion Ratio Lower Upper
152 100
150 152.5 123.7 185.5
115 60.4 47.2 70.8

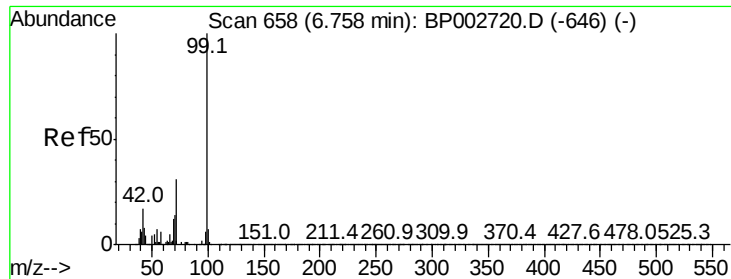


#5

2-Fluorophenol
Concen: 61.650 ng
RT: 5.18 min Scan# 389
Delta R.T. -0.01 min
Lab File: BP002831.D
Acq: 22 Jul 2020 18:40

Tgt Ion:112 Resp: 590717
Ion Ratio Lower Upper
112 100
64 61.1 45.6 68.4
63 31.9 23.5 35.3





#7

Phenol-d6

Concen: 58.193 ng

RT: 6.76 min Scan# 658

Delta R.T. 0.00 min

Lab File: BP002831.D

Acq: 22 Jul 2020 18:40

Instrument :

BNA_P

ClientSampleId :

BU-02-072120

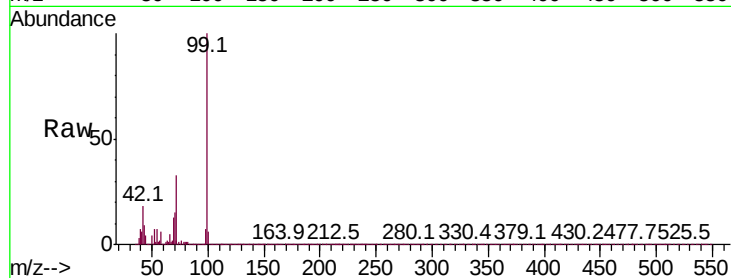
Tot Ion: 99 Resp: 795774

Ion Ratio Lower Upper

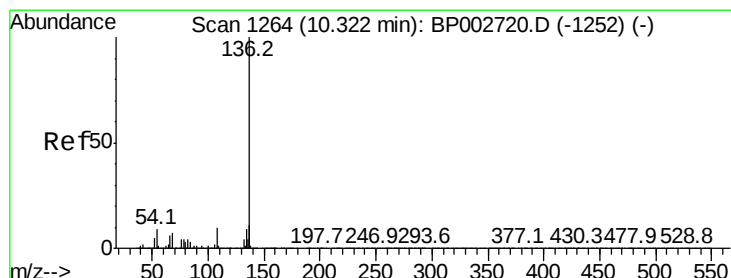
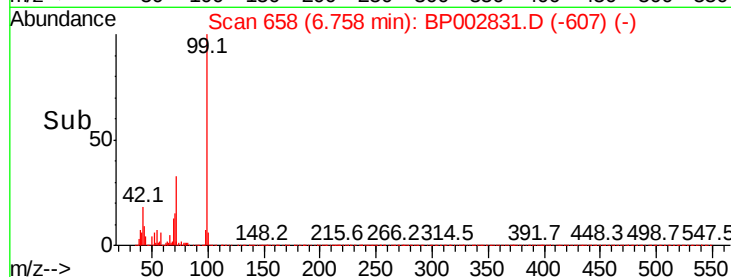
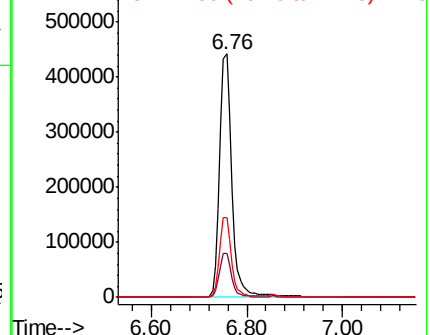
99 100

42 18.0 13.4 20.2

71 32.7 24.6 36.8



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.32 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BP002831.D

Acq: 22 Jul 2020 18:40

Tgt Ion: 136 Resp: 651481

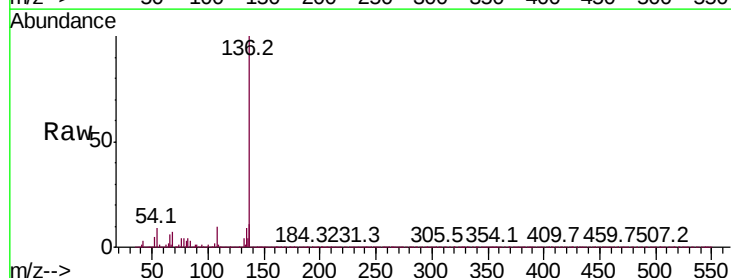
Ion Ratio Lower Upper

136 100

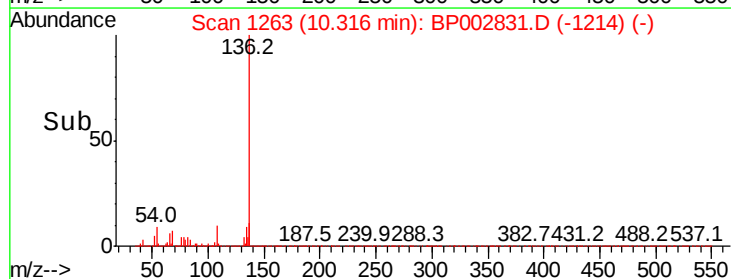
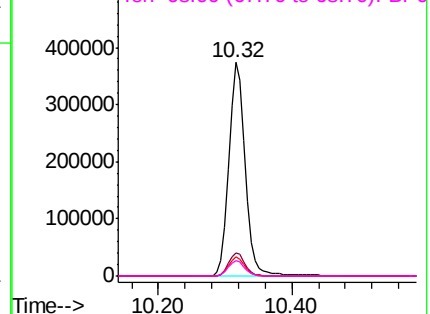
137 10.7 8.6 13.0

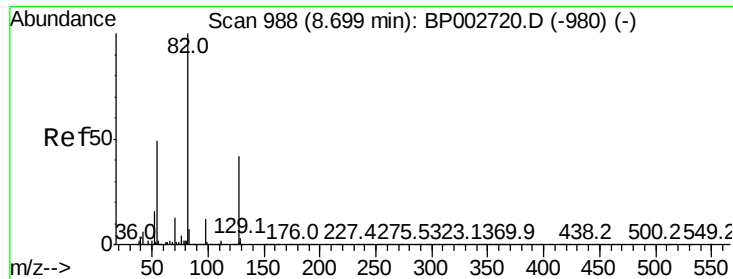
54 8.8 6.9 10.3

68 7.4 5.7 8.5



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

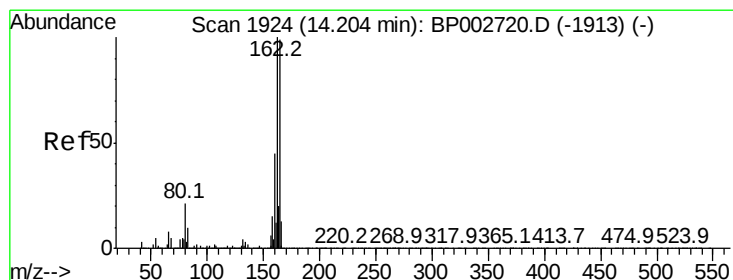
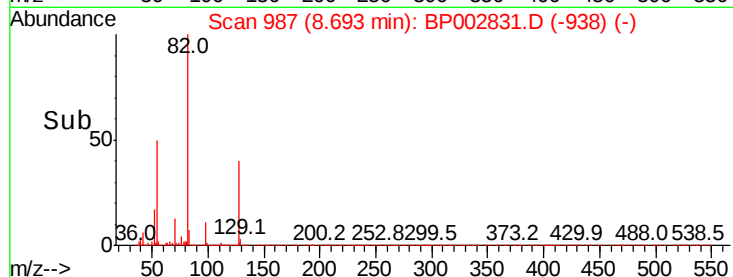
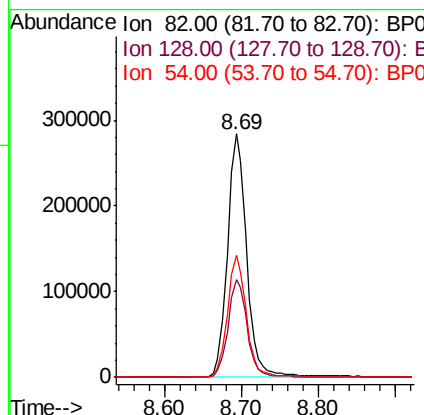
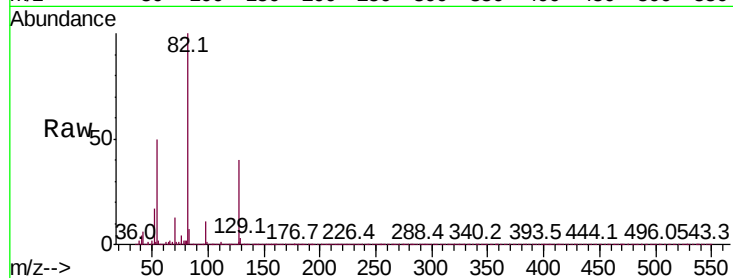




#23
 Nitrobenzene-d5
 Concen: 40.588 ng
 RT: 8.69 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BP002831.D
 Acq: 22 Jul 2020 18:40

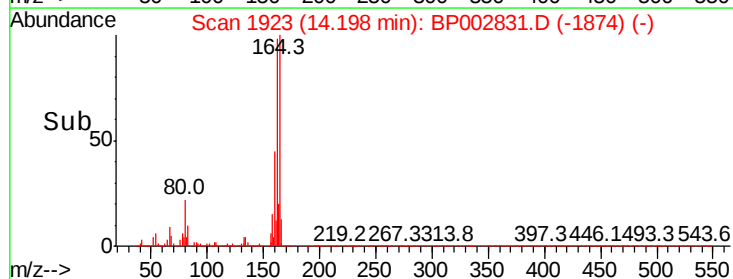
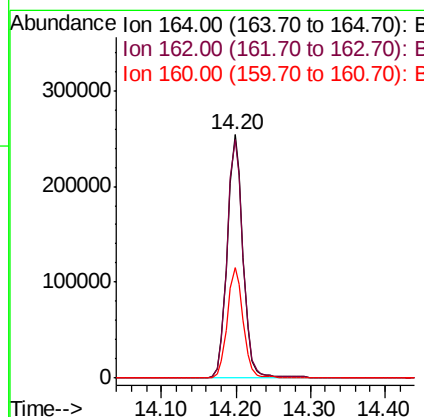
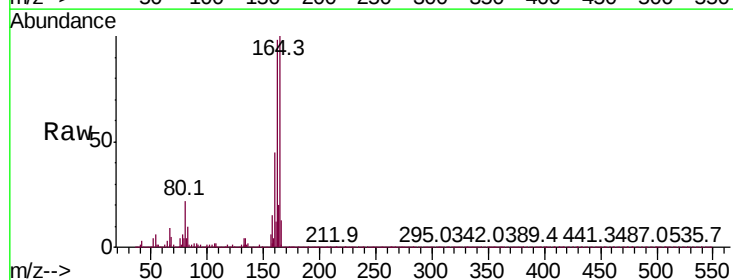
Instrument :
 BNA_P
 ClientSampleId :
 BU-02-072120

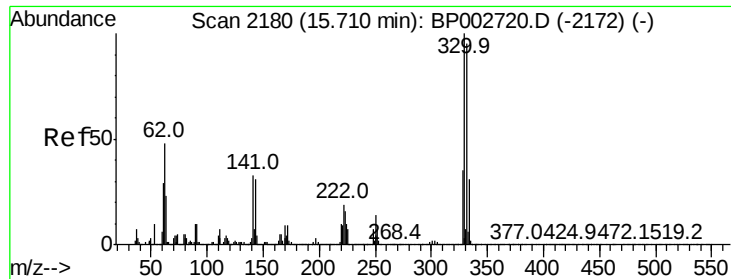
Tot Ion	82	Resp	494399
Ion Ratio	Lower	Upper	
82	100		
128	40.4	33.8	50.8
54	50.2	38.8	58.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.20 min Scan# 1923
 Delta R.T. -0.01 min
 Lab File: BP002831.D
 Acq: 22 Jul 2020 18:40

Tgt Ion	164	Resp	378267
Ion Ratio	Lower	Upper	
164	100		
162	98.0	80.6	121.0
160	45.4	36.4	54.6

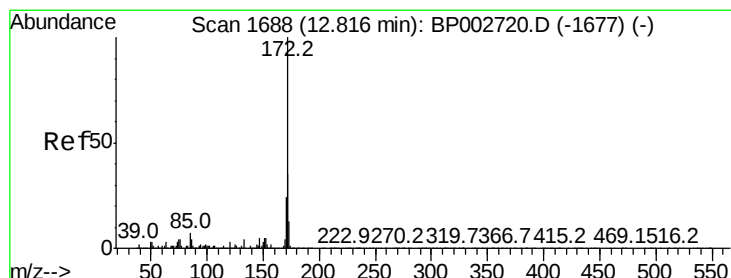
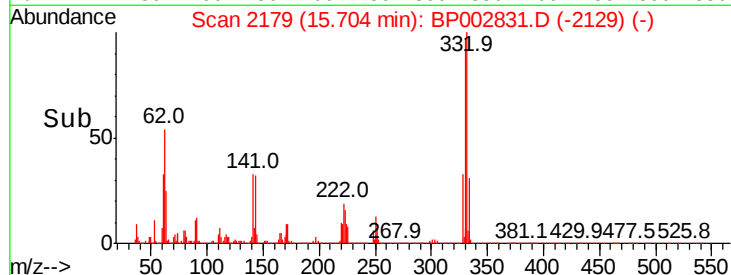
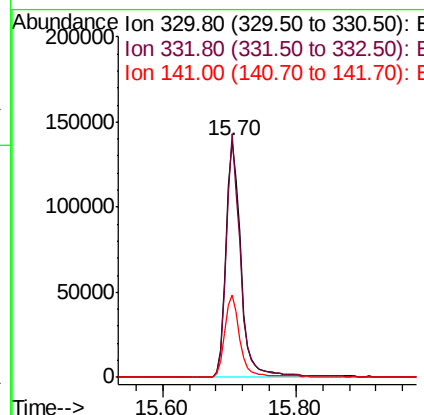
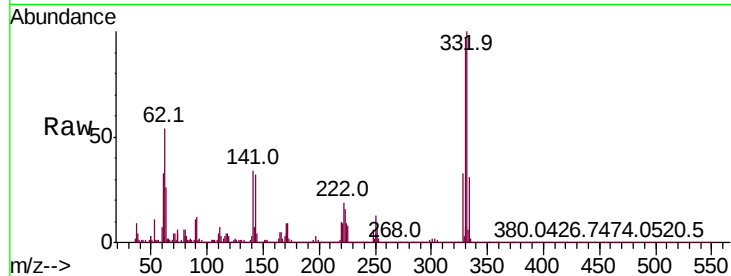




#42
 2,4,6-Tribromophenol
 Concen: 57.111 ng
 RT: 15.70 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BP002831.D
 Acq: 22 Jul 2020 18:40

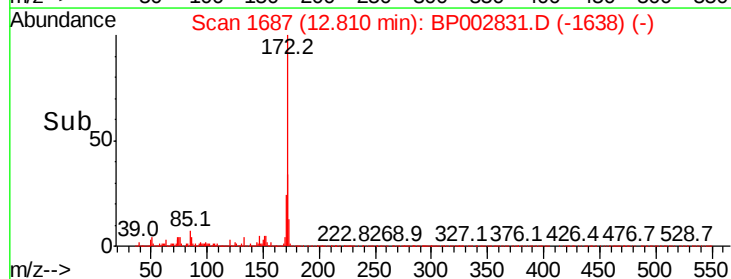
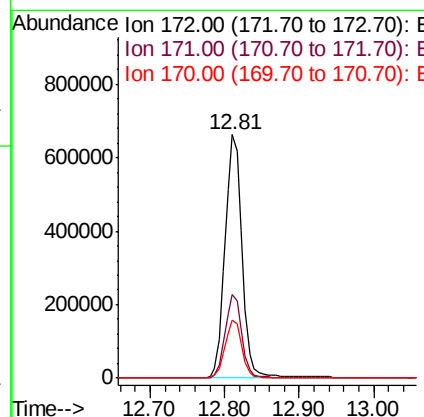
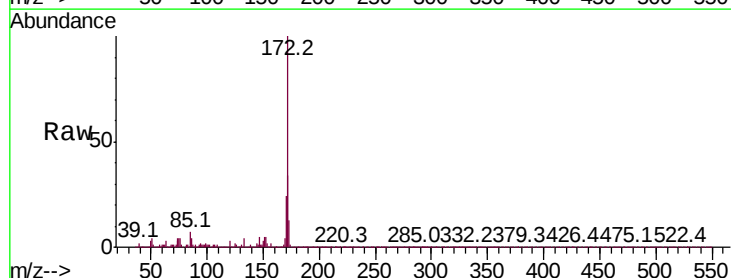
Instrument :
 BNA_P
 ClientSampleId :
 BU-02-072120

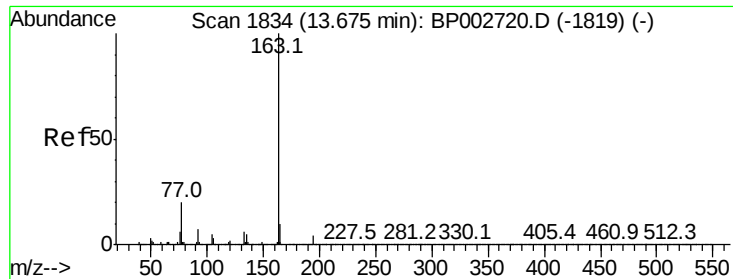
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.5	114.7
141	35.2	28.8	43.2



#45
 2-Fluorobiphenyl
 Concen: 43.424 ng
 RT: 12.81 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BP002831.D
 Acq: 22 Jul 2020 18:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.1	42.1
170	23.6	19.3	28.9





#50

Dimethylphthalate

Concen: 5.478 ng

RT: 13.66 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BP002831.D

Acq: 22 Jul 2020 18:40

Instrument :

BNA_P

ClientSampleId :

BU-02-072120

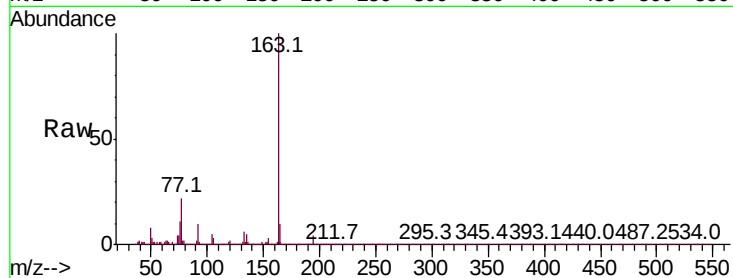
Tot Ion:163 Resp: 158041

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.2

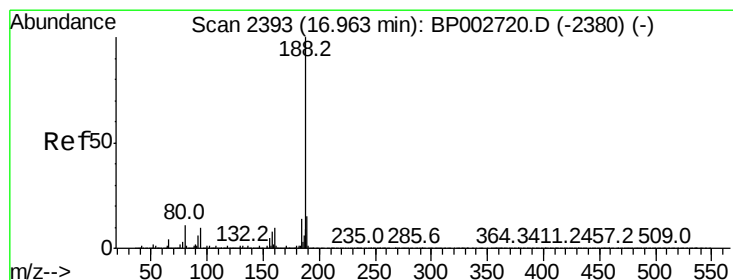
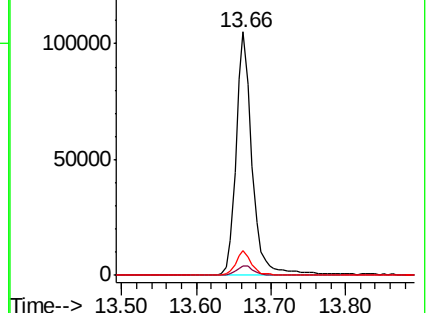
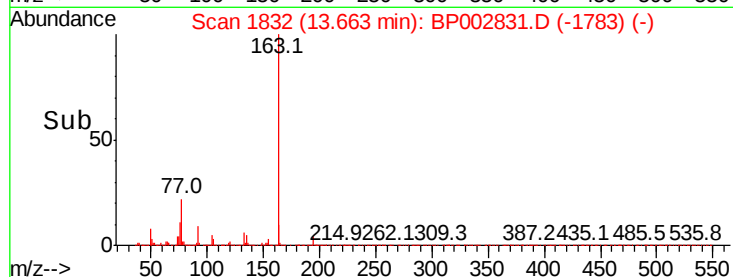
164 10.2 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.96 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BP002831.D

Acq: 22 Jul 2020 18:40

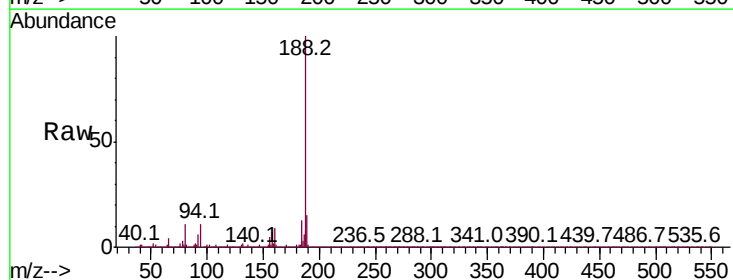
Tgt Ion:188 Resp: 737371

Ion Ratio Lower Upper

188 100

94 10.7 8.1 12.1

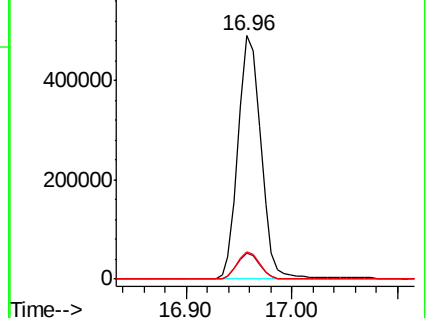
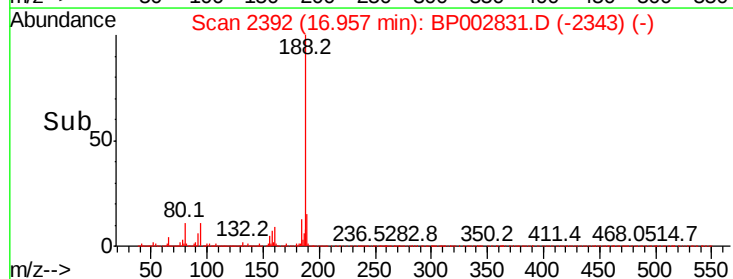
80 11.3 8.9 13.3

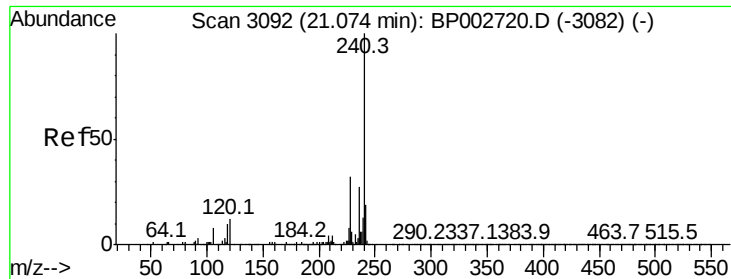


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

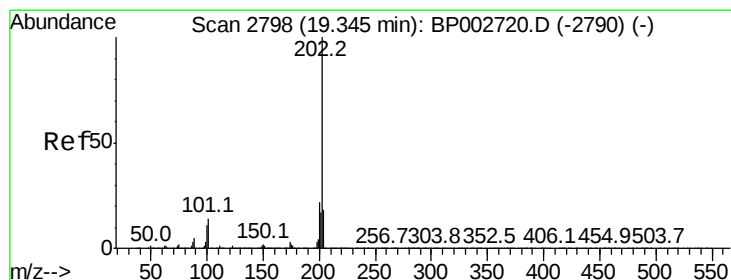
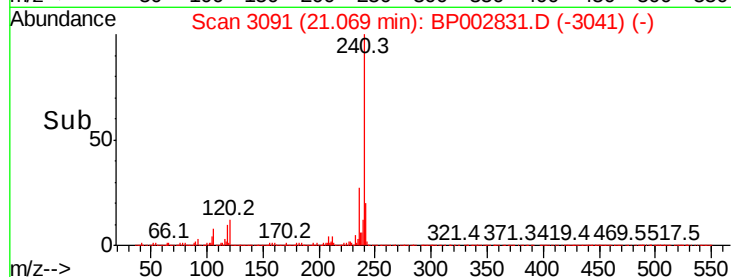
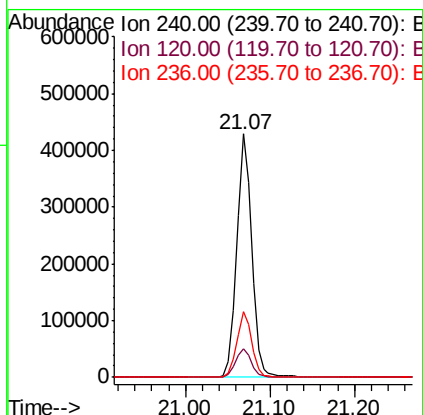
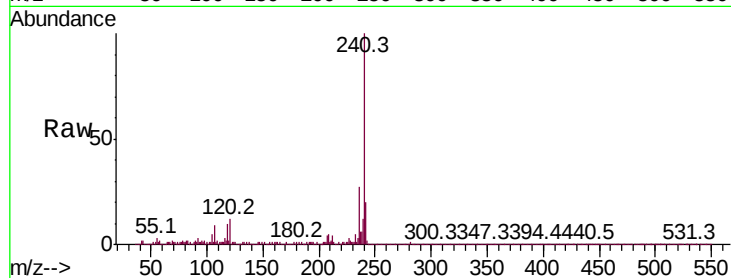




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BP002831.D
Acq: 22 Jul 2020 18:40

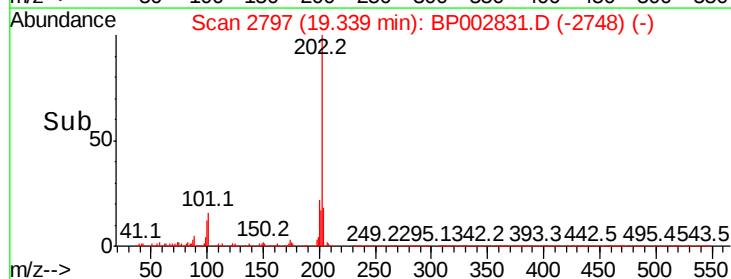
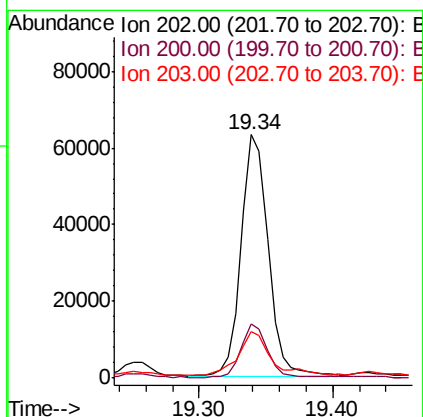
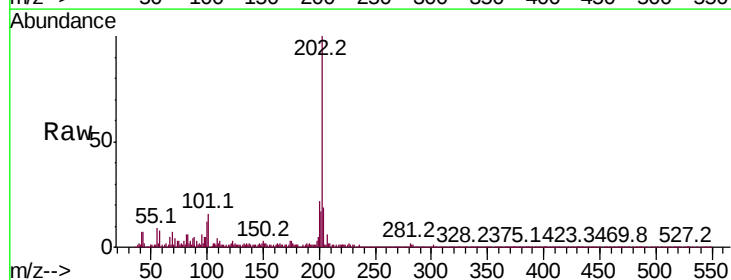
Instrument :
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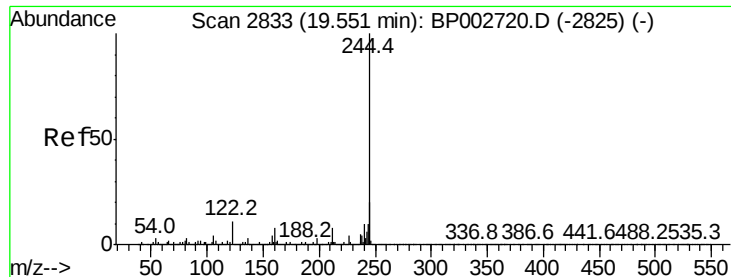
Tot Ion:240 Resp: 516183
Ion Ratio Lower Upper
240 100
120 11.8 9.4 14.2
236 26.9 21.3 31.9



#78
Pyrene
Concen: 2.462 ng
RT: 19.34 min Scan# 2797
Delta R.T. -0.01 min
Lab File: BP002831.D
Acq: 22 Jul 2020 18:40

Tgt Ion:202 Resp: 87734
Ion Ratio Lower Upper
202 100
200 22.3 17.7 26.5
203 19.2 14.5 21.7





#79

Terphenyl-d14

Concen: 47.080 ng

RT: 19.55 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BP002831.D

Acq: 22 Jul 2020 18:40

Instrument :

BNA_P

ClientSampleId :

BU-02-072120

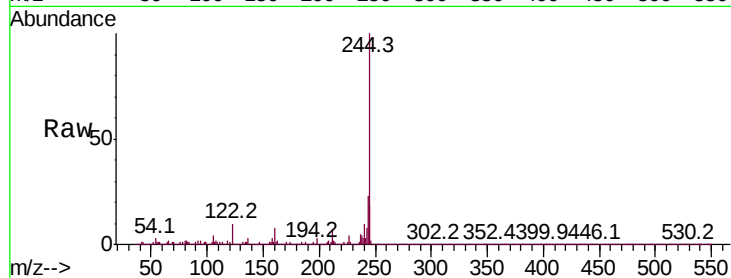
Tot Ion:244 Resp: 1059952

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

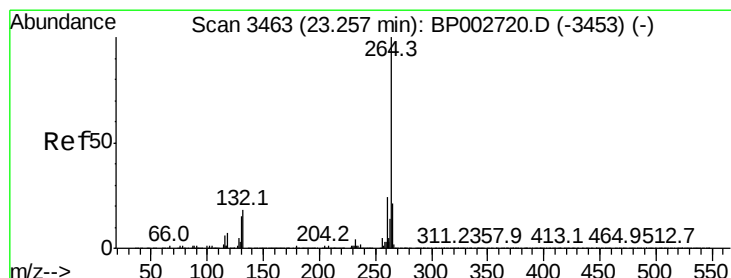
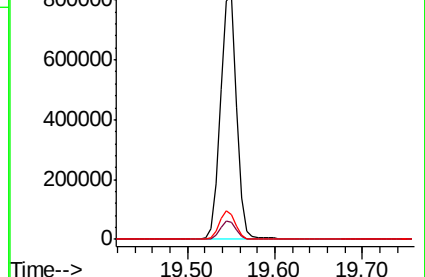
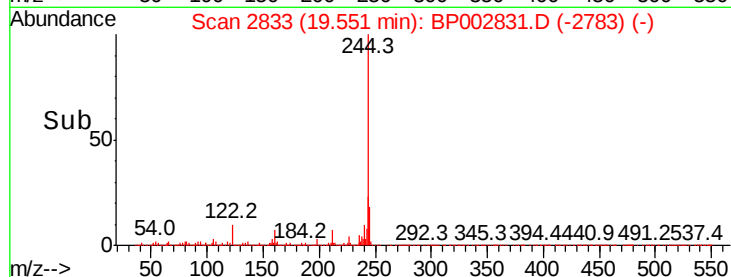
122 10.2 8.9 13.3



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: 23.26 min Scan# 3463

Delta R.T. -0.01 min

Lab File: BP002831.D

Acq: 22 Jul 2020 18:40

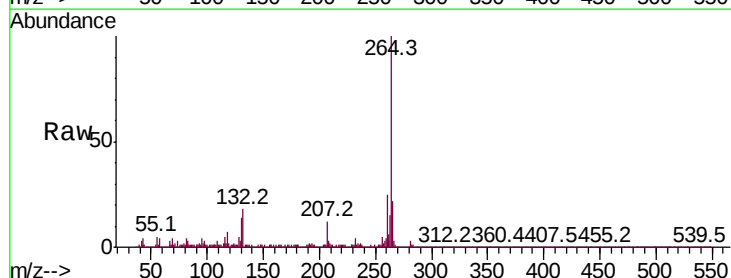
Tgt Ion:264 Resp: 514231

Ion Ratio Lower Upper

264 100

260 24.9 19.3 28.9

265 22.4 16.8 25.2



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

