

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
 Data File : BP001660.D
 Acq On : 17 Jan 2020 16:46
 Operator : JU
 Sample : L1155-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RBR-200052

Quant Time: Jan 18 03:45:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 21:52:04 2020
 Response via : Initial Calibration

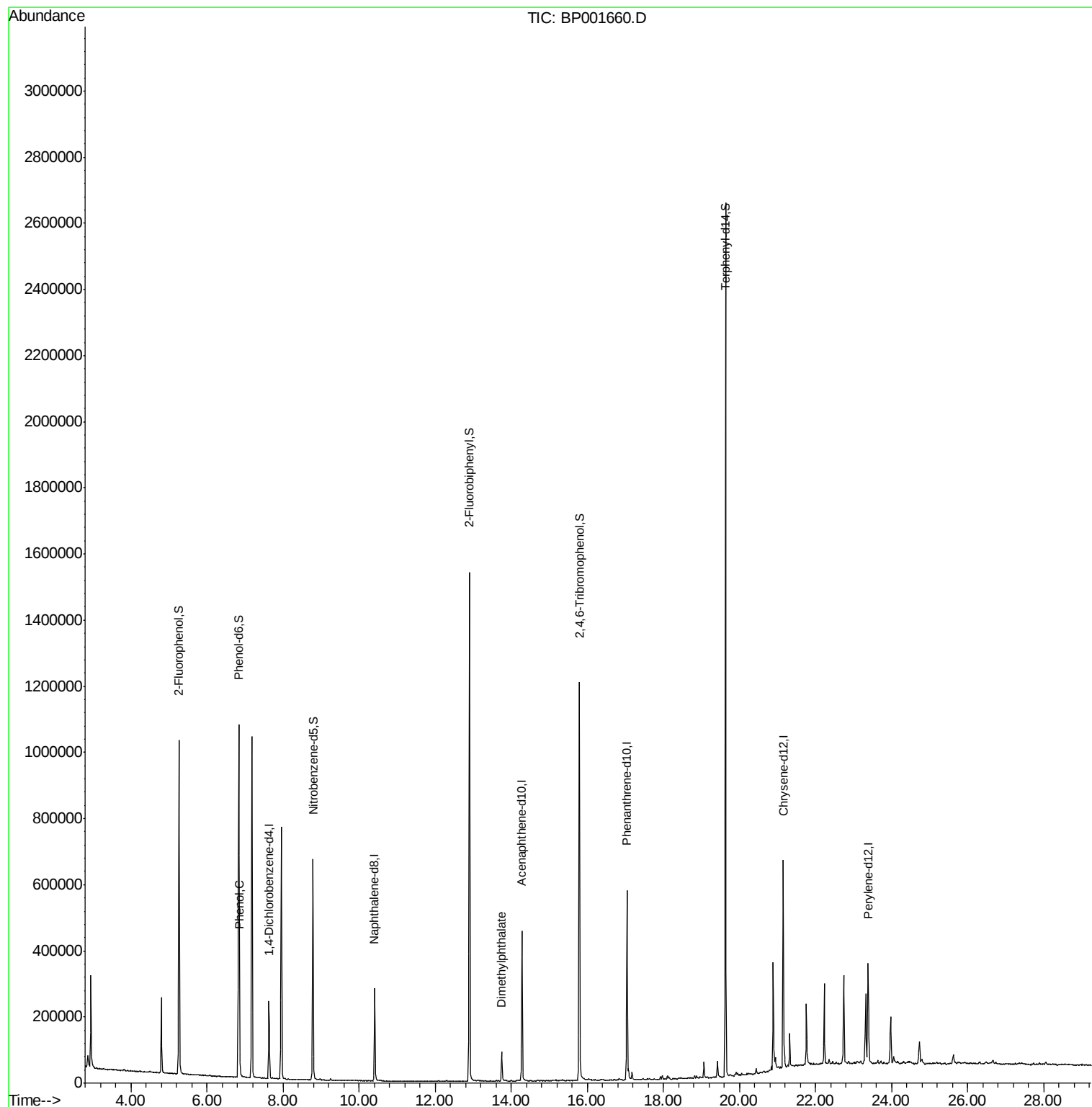
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	51700	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	201925	20.00	ng	-0.01
39) Acenaphthene-d10	14.28	164	143131	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	333798	20.00	ng	-0.01
76) Chrysene-d12	21.15	240	263362	20.00	ng	-0.01
87) Perylene-d12	23.38	264	225126	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	322950	122.36	ng	0.00
7) Phenol-d6	6.83	99	486369	115.31	ng	0.00
23) Nitrobenzene-d5	8.78	82	347247	75.15	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	194535	89.29	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	729519	74.94	ng	0.00
79) Terphenyl-d14	19.63	244	1200774	83.39	ng	-0.01
Target Compounds						
10) Phenol	6.86	94	18524	4.245	ng	88
50) Dimethylphthalate	13.75	163	53992	4.580	ng	98

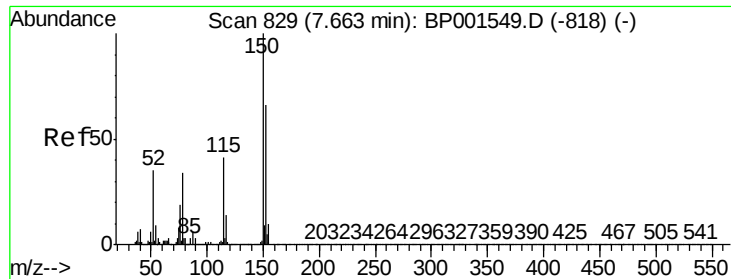
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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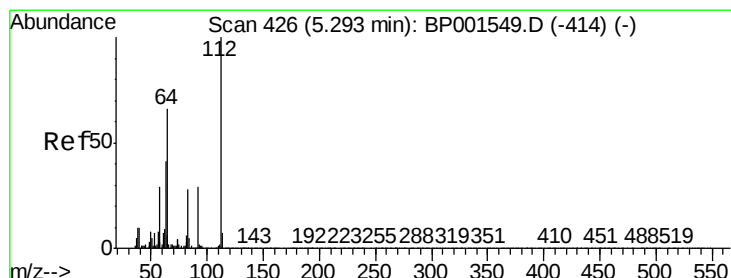
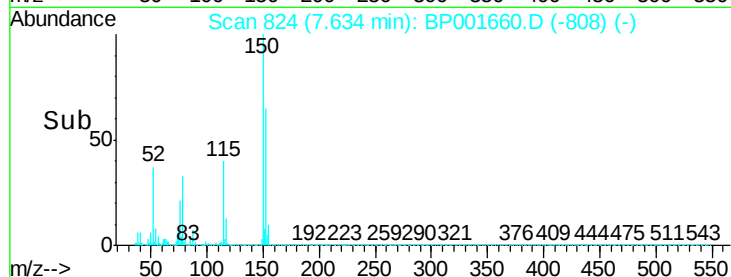
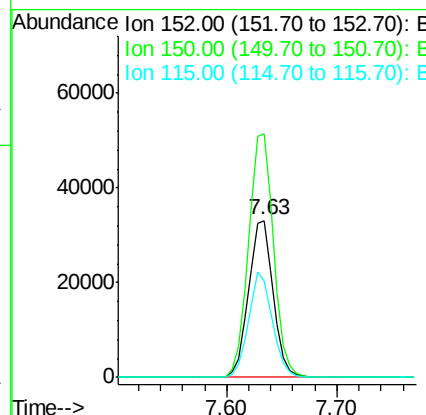
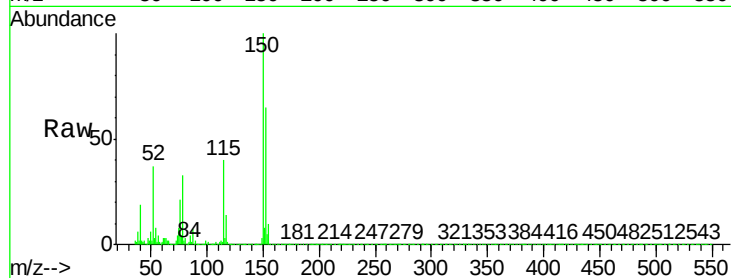




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.63 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BP001660.D
 Acq: 17 Jan 2020 16:46

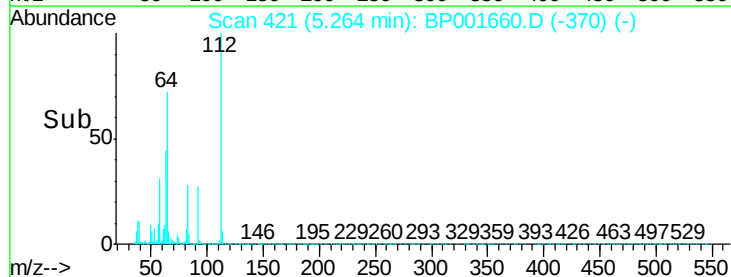
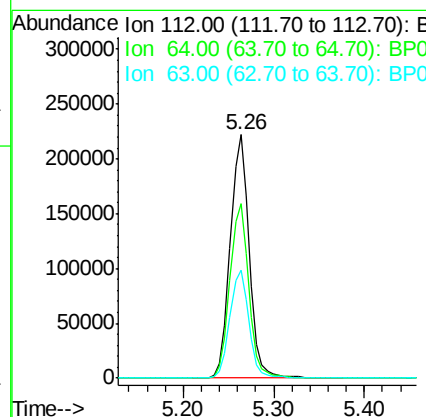
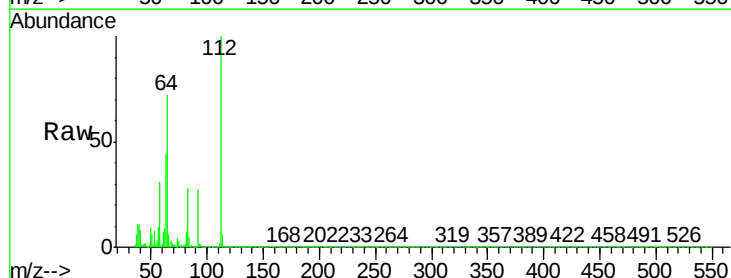
Instrument :
 BNA_P
 ClientSampleId :
 RBR-200052

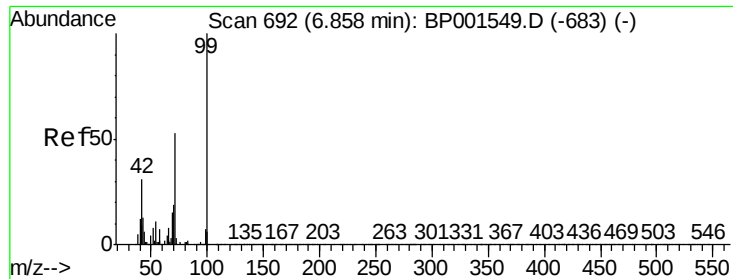
Tot Ion:152 Resp: 51700
 Ion Ratio Lower Upper
 152 100
 150 155.0 122.0 183.0
 115 61.4 50.7 76.1



#5
 2-Fluorophenol
 Concen: 122.365 ng
 RT: 5.26 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: BP001660.D
 Acq: 17 Jan 2020 16:46

Tgt Ion:112 Resp: 322950
 Ion Ratio Lower Upper
 112 100
 64 71.7 52.8 79.2
 63 44.4 33.1 49.7





#7

Phenol-d6

Concen: 115.308 ng

RT: 6.83 min Scan# 688

Delta R.T. -0.00 min

Lab File: BP001660.D

Acq: 17 Jan 2020 16:46

Instrument :

BNA_P

ClientSampleId :

RBR-200052

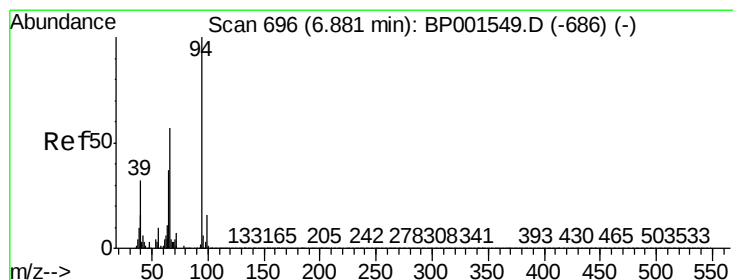
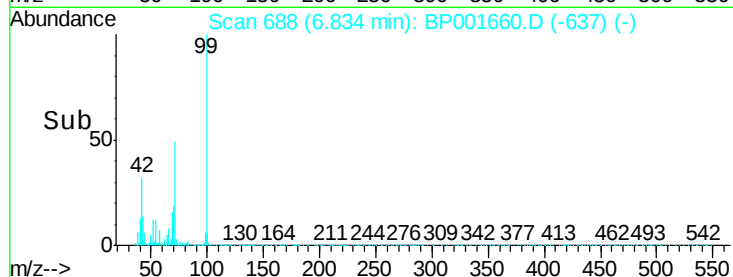
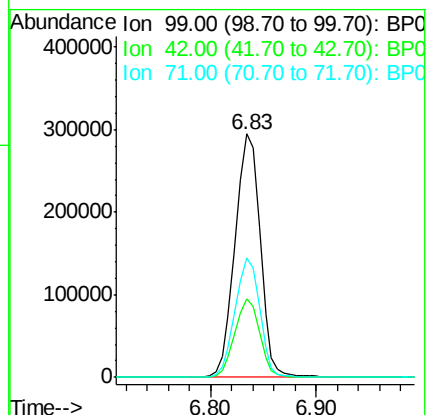
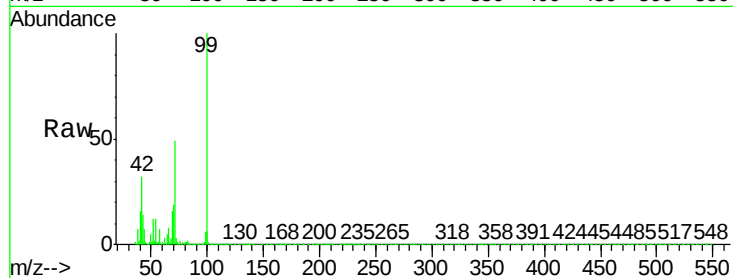
Tot Ion: 99 Resp: 486369

Ion Ratio Lower Upper

99 100

42 32.1 24.5 36.7

71 49.2 42.4 63.6



#10

Phenol

Concen: 4.245 ng

RT: 6.86 min Scan# 692

Delta R.T. -0.00 min

Lab File: BP001660.D

Acq: 17 Jan 2020 16:46

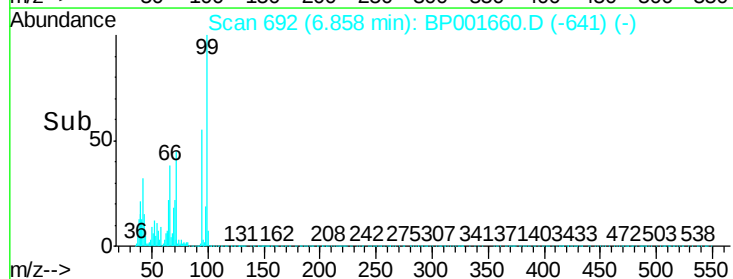
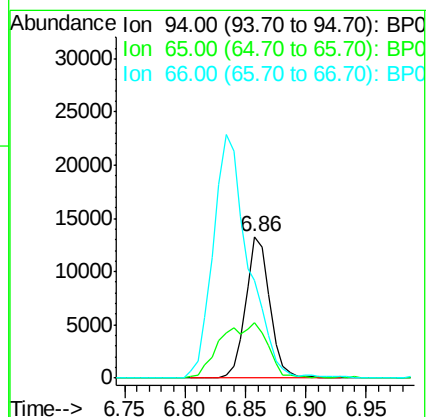
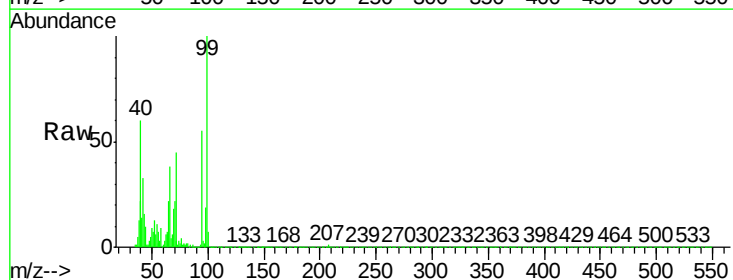
Tgt Ion: 94 Resp: 18524

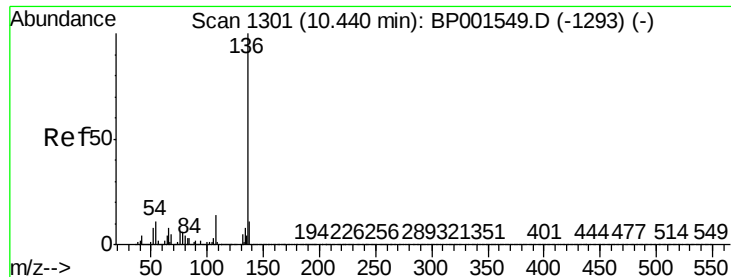
Ion Ratio Lower Upper

94 100

65 39.5 17.5 57.5

66 69.1 36.7 76.7

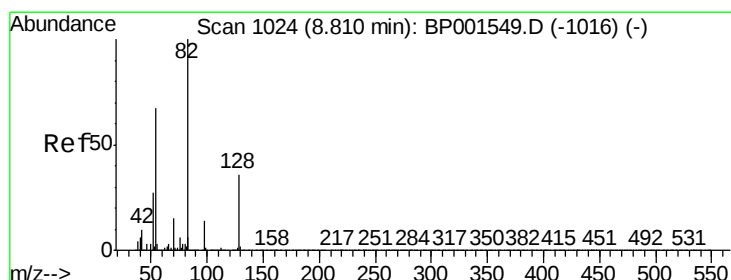
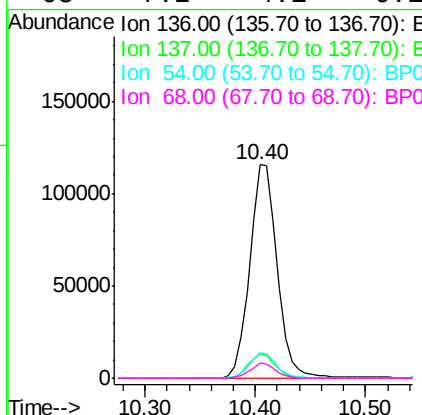
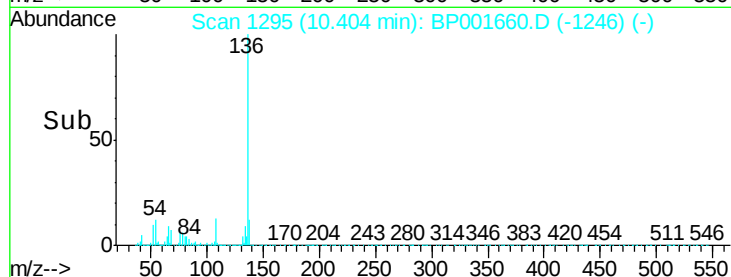
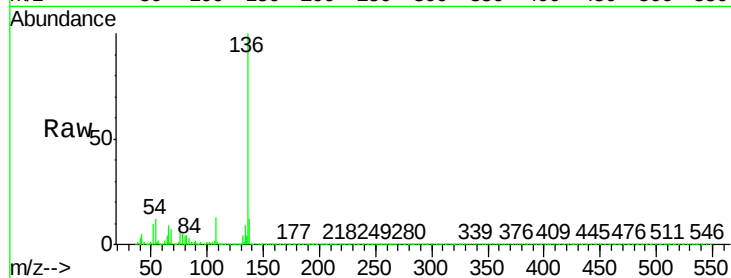




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BP001660.D
Acq: 17 Jan 2020 16:46

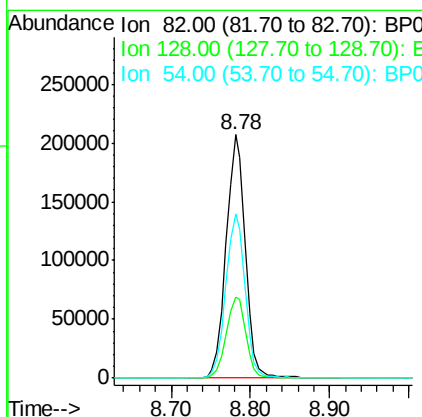
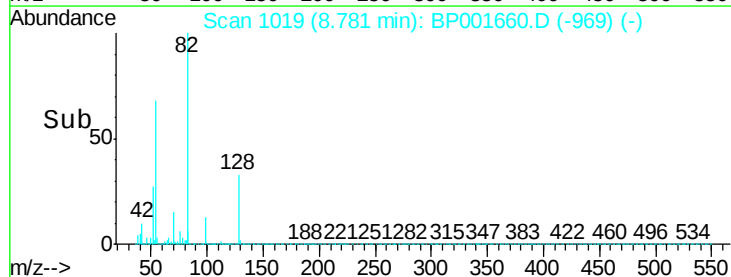
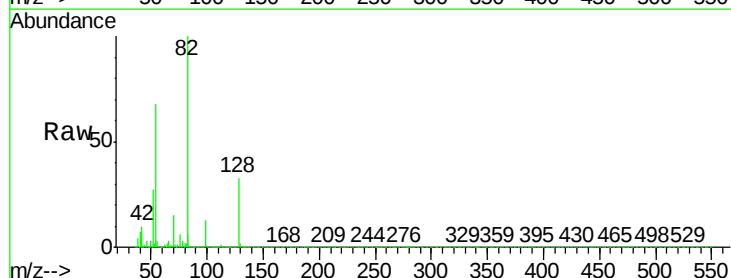
Instrument :
BNA_P
ClientSampleId :
RBR-200052

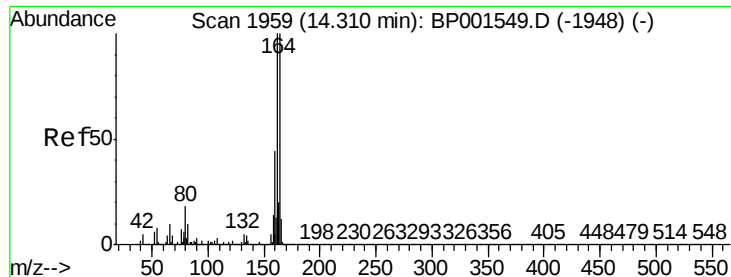
Tot Ion:136	Resp:	201925
Ion	Ratio	Lower Upper
136	100	
137	11.6	8.6 12.8
54	12.6	9.2 13.8
68	7.2	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 75.146 ng
RT: 8.78 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BP001660.D
Acq: 17 Jan 2020 16:46

Tgt Ion: 82	Resp:	347247
Ion	Ratio	Lower Upper
82	100	
128	33.2	28.4 42.6
54	67.6	53.4 80.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.28 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BP001660.D

Acq: 17 Jan 2020 16:46

Instrument :

BNA_P

ClientSampleId :

RBR-200052

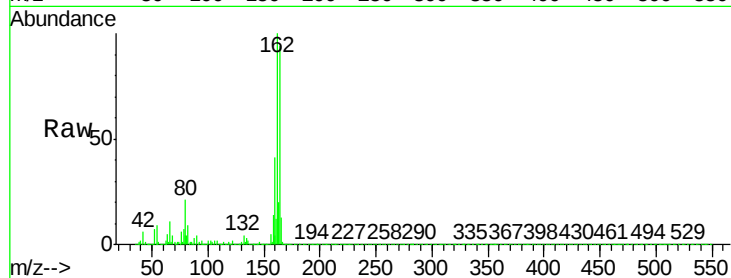
Tot Ion:164 Resp: 143131

Ion Ratio Lower Upper

164 100

162 106.3 79.8 119.6

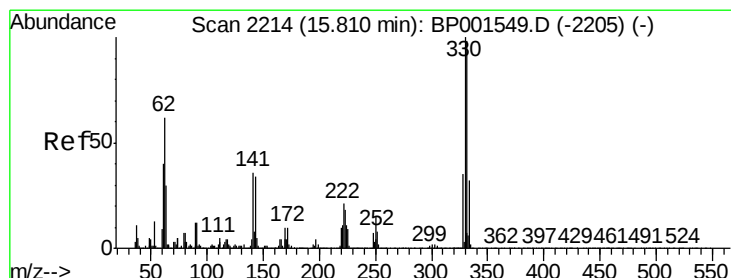
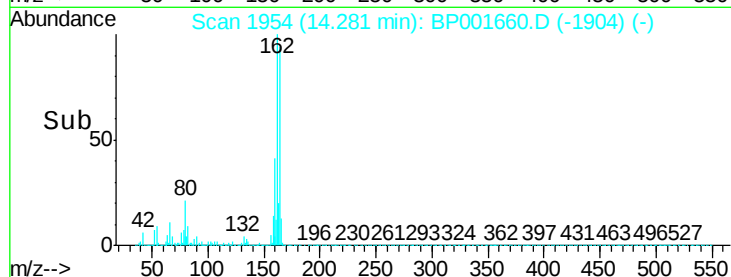
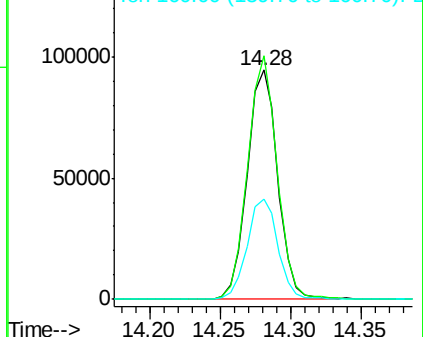
160 43.9 35.0 52.6



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: 89.288 ng

RT: 15.79 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BP001660.D

Acq: 17 Jan 2020 16:46

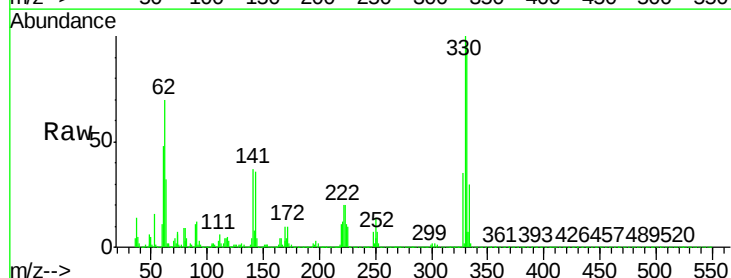
Tgt Ion:330 Resp: 194535

Ion Ratio Lower Upper

330 100

332 98.8 77.8 116.6

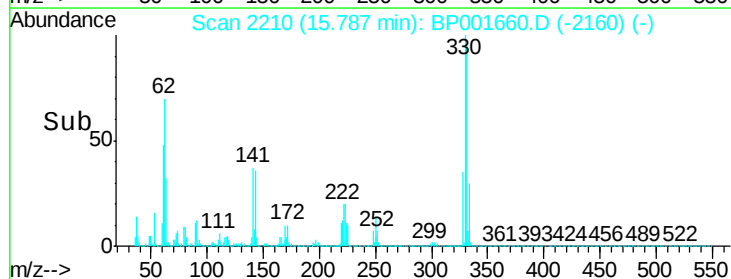
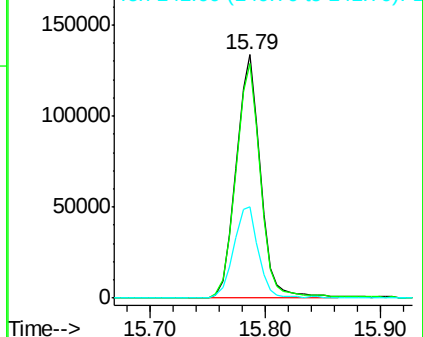
141 38.6 28.7 43.1

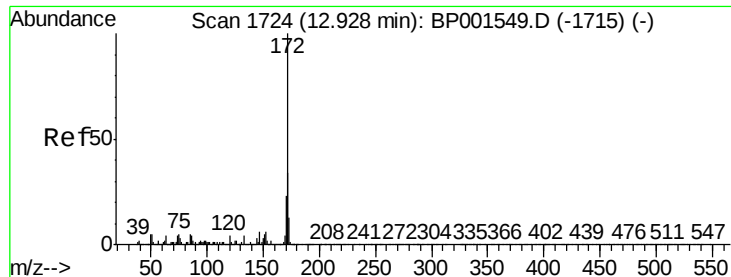


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

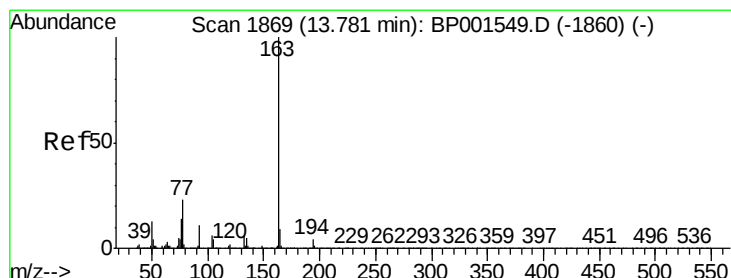
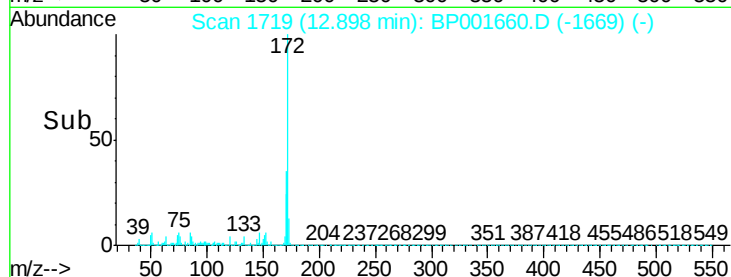
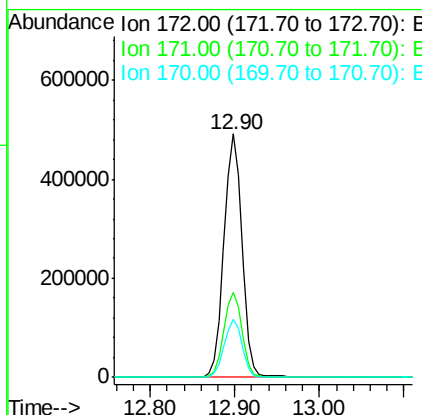
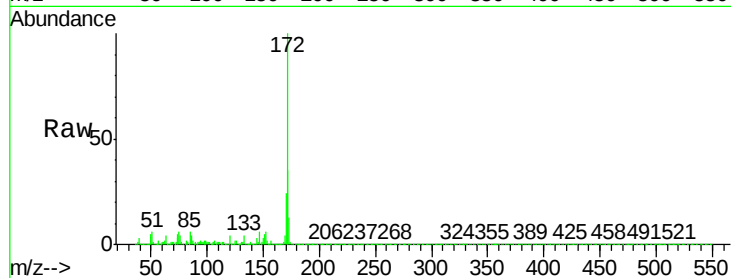




#45
2-Fluorobiphenyl
Concen: 74.938 ng
RT: 12.90 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BP001660.D
Acq: 17 Jan 2020 16:46

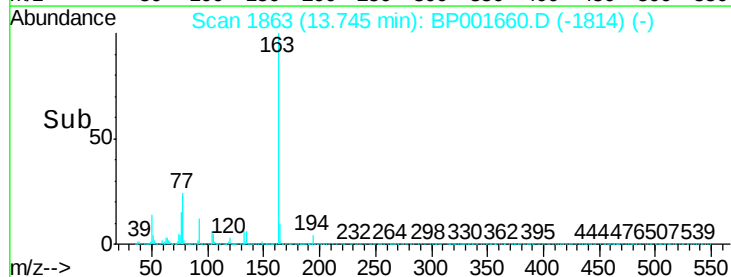
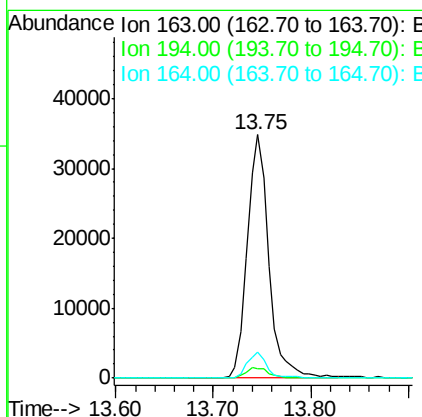
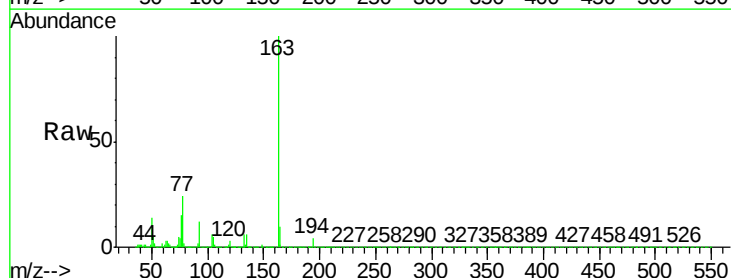
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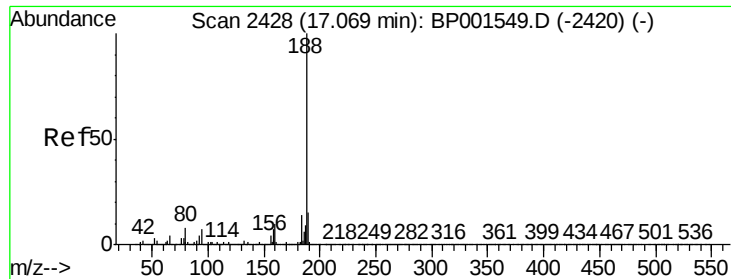
Tot Ion:172 Resp: 729519
Ion Ratio Lower Upper
172 100
171 34.7 27.6 41.4
170 23.6 18.3 27.5



#50
Dimethylphthalate
Concen: 4.580 ng
RT: 13.75 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BP001660.D
Acq: 17 Jan 2020 16:46

Tgt Ion:163 Resp: 53992
Ion Ratio Lower Upper
163 100
194 4.1 3.6 5.4
164 10.5 7.5 11.3

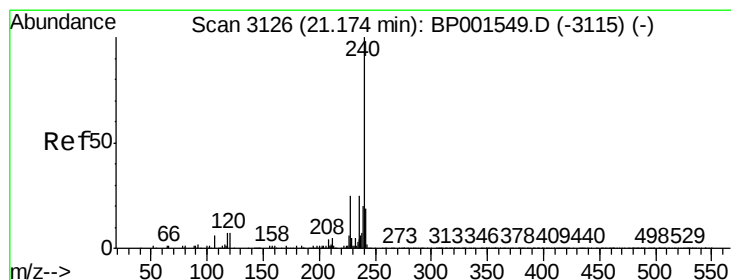
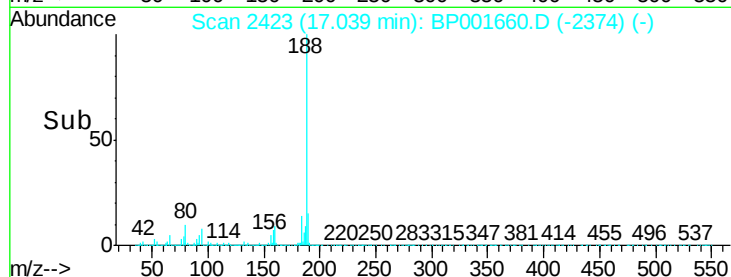
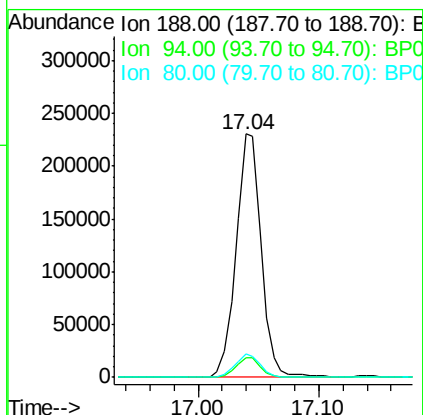
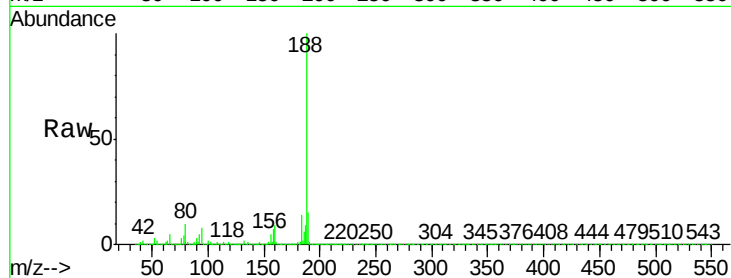




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BP001660.D
Acq: 17 Jan 2020 16:46

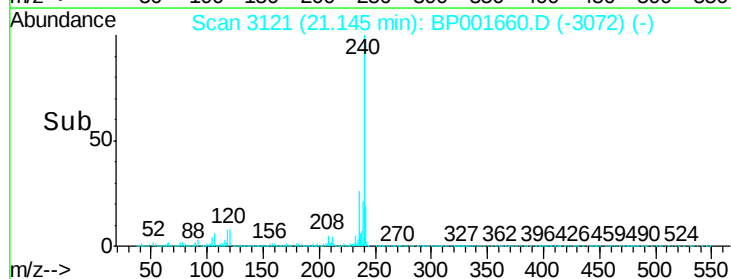
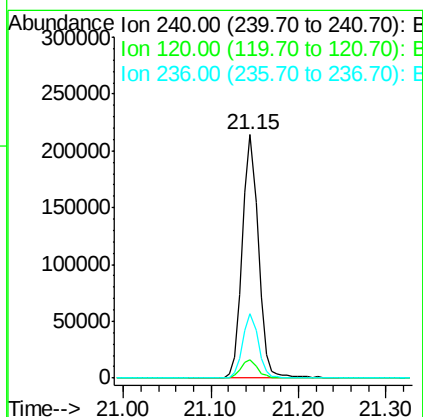
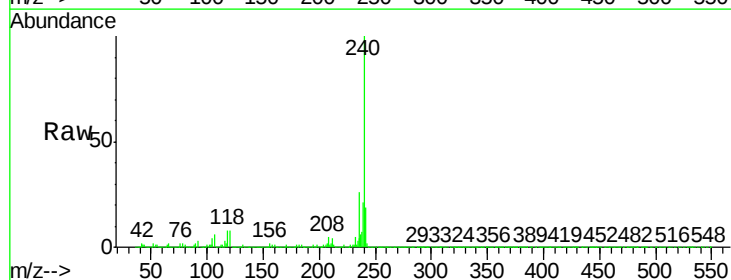
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BNA_P
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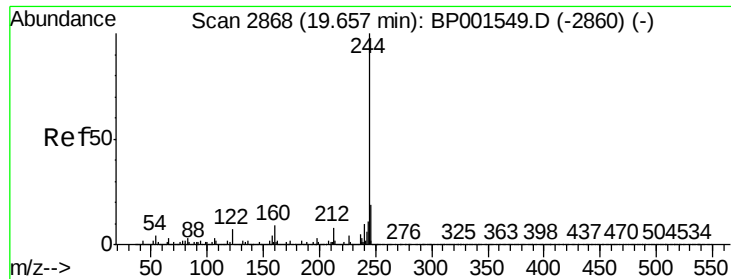
Tot Ion:188 Resp: 333798
Ion Ratio Lower Upper
188 100
94 7.8 5.9 8.9
80 9.6 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BP001660.D
Acq: 17 Jan 2020 16:46

Tgt Ion:240 Resp: 263362
Ion Ratio Lower Upper
240 100
120 7.7 5.7 8.5
236 26.5 20.4 30.6





#79

Terphenyl-d14

Concen: 83.393 ng

RT: 19.63 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BP001660.D

Acq: 17 Jan 2020 16:46

Instrument :

BNA_P

ClientSampleId :

RBR-200052

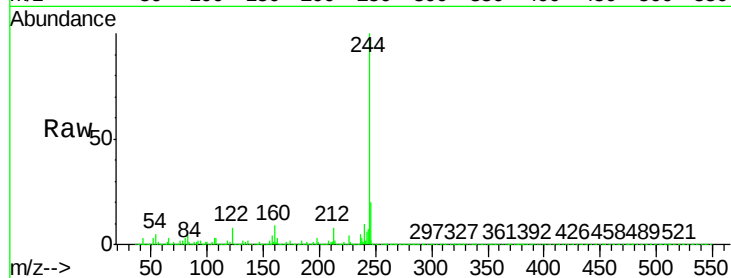
Tot Ion:244 Resp: 1200774

Ion Ratio Lower Upper

244 100

212 8.1 6.3 9.5

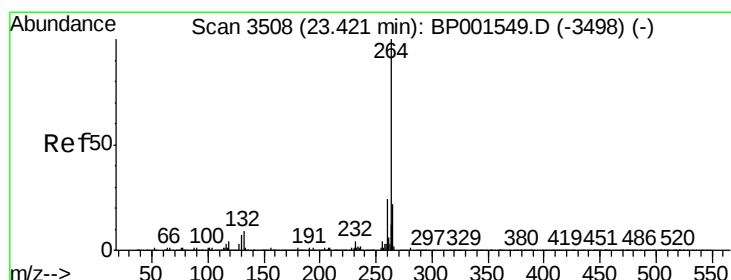
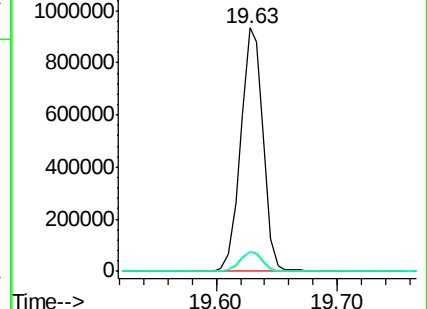
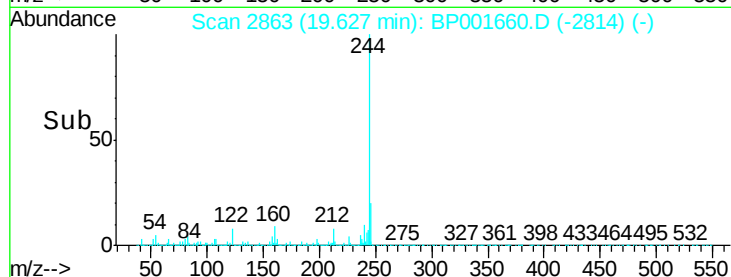
122 8.1 5.8 8.6



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.38 min Scan# 3501

Delta R.T. -0.01 min

Lab File: BP001660.D

Acq: 17 Jan 2020 16:46

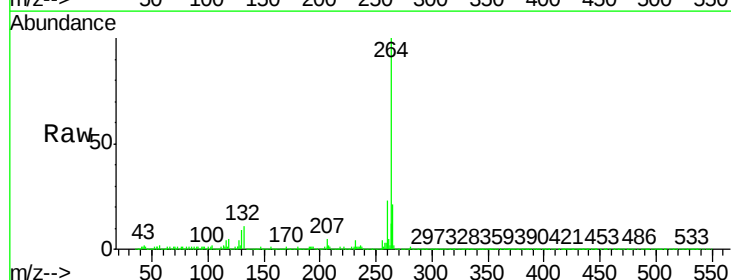
Tgt Ion:264 Resp: 225126

Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.6

265 20.9 18.2 27.4



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

