

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
 Data File : BP001633.D
 Acq On : 16 Jan 2020 18:09
 Operator : JU
 Sample : L1145-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-5

Quant Time: Jan 17 04:48:50 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

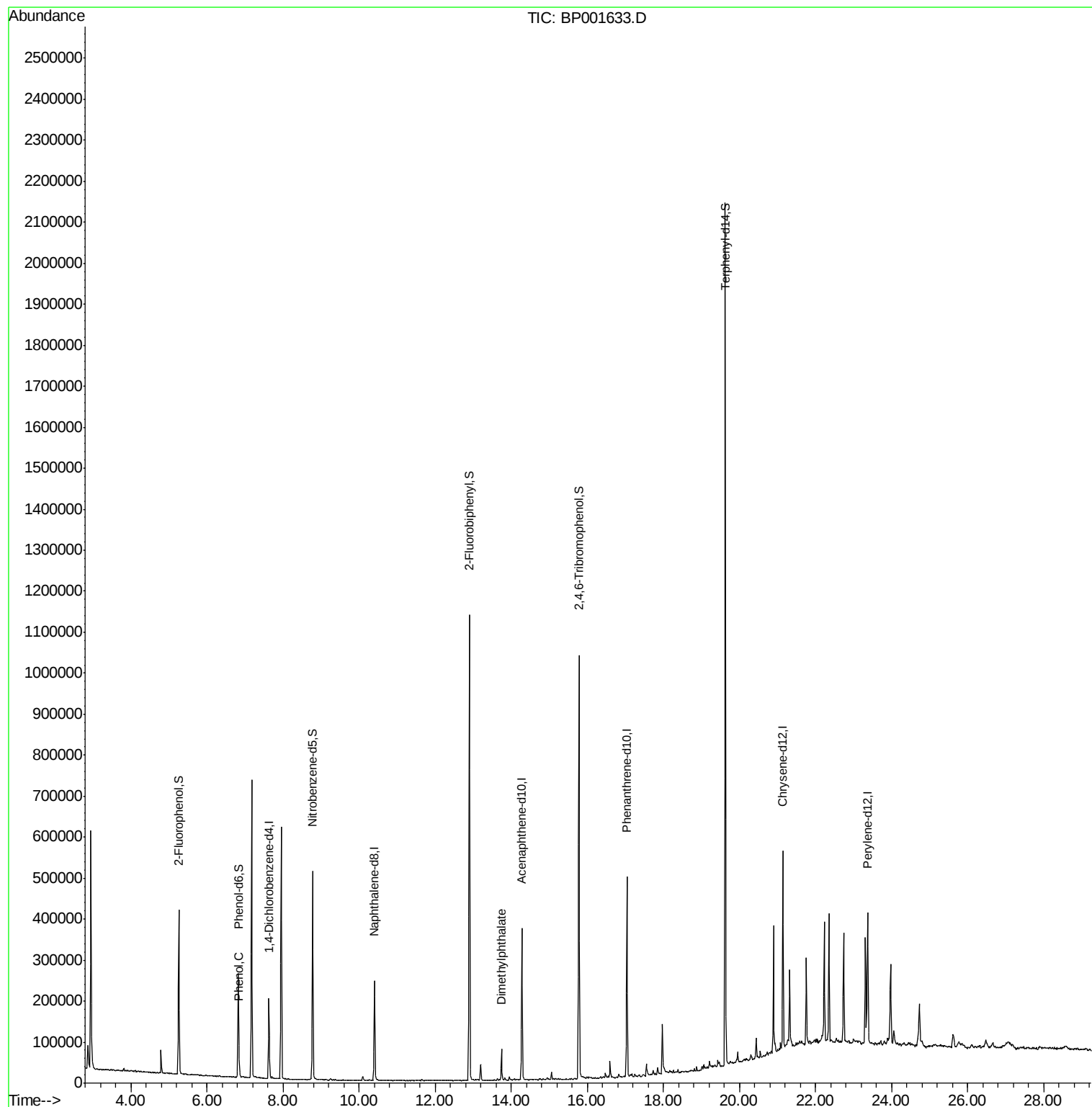
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	42914	20.00	ng	-0.01
21) Naphthalene-d8	10.40	136	169110	20.00	ng	-0.01
39) Acenaphthene-d10	14.27	164	116133	20.00	ng	-0.01
64) Phenanthrene-d10	17.04	188	264712	20.00	ng	-0.01
76) Chrysene-d12	21.14	240	224927	20.00	ng	-0.02
87) Perylene-d12	23.37	264	232145	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	129297	59.02	ng	0.00
7) Phenol-d6	6.82	99	110143	31.46	ng	-0.01
23) Nitrobenzene-d5	8.78	82	261526	67.58	ng	-0.01
42) 2,4,6-Tribromophenol	15.78	330	156214	88.37	ng	-0.01
45) 2-Fluorobiphenyl	12.89	172	552790	69.98	ng	-0.01
79) Terphenyl-d14	19.63	244	877136	71.33	ng	-0.01
Target Compounds						
10) Phenol	6.85	94	7848	2.167	ng	Qvalue 97
50) Dimethylphthalate	13.74	163	43345	4.532	ng	# 96

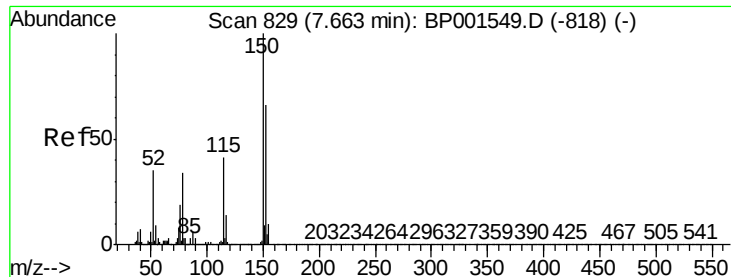
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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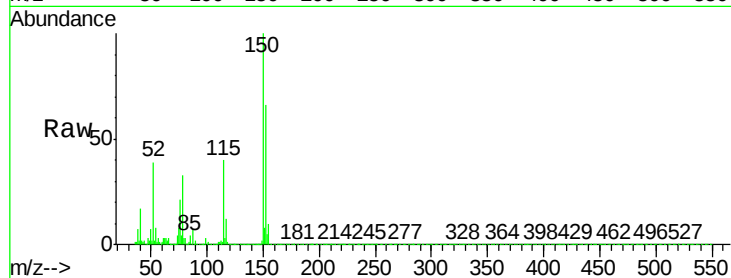


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 823
Delta R.T. -0.01 min
Lab File: BP001633.D
Acq: 16 Jan 2020 18:09

Instrument :
BNA_P
ClientSampleId :
MH-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	122.0	183.0
115	60.6	50.7	76.1

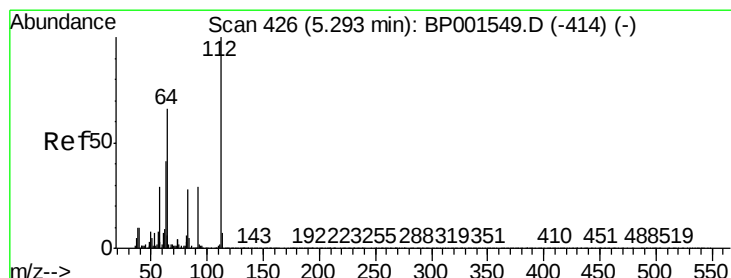
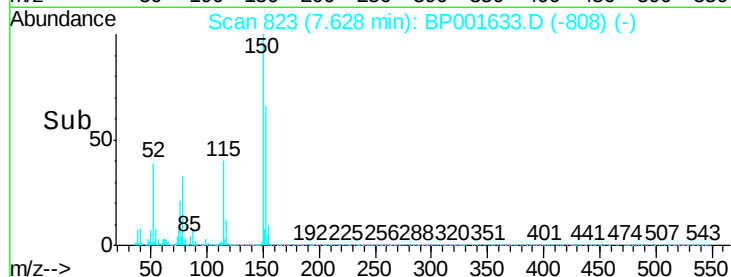
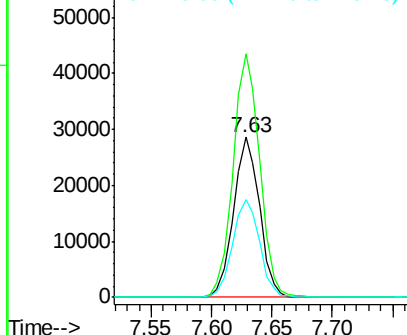


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

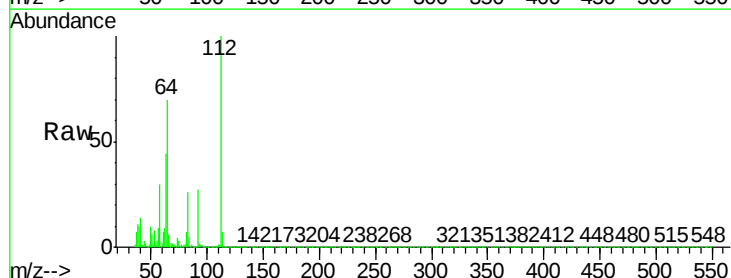
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 59.020 ng
RT: 5.26 min Scan# 420
Delta R.T. -0.01 min
Lab File: BP001633.D
Acq: 16 Jan 2020 18:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.2	52.8	79.2
63	44.0	33.1	49.7

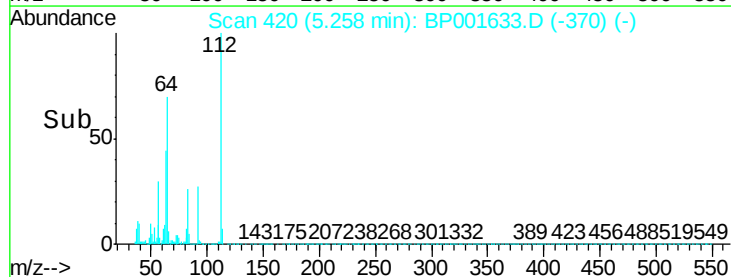
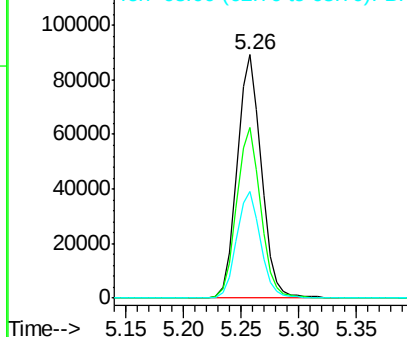


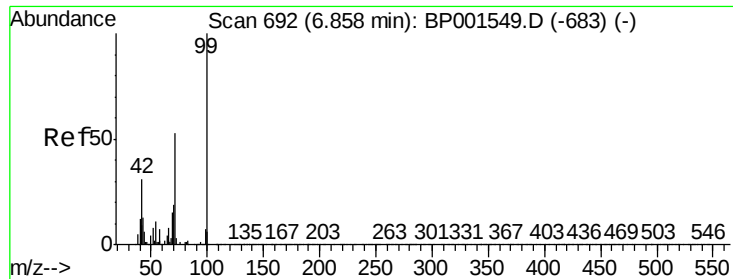
Abundance

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: 31.459 ng

RT: 6.82 min Scan# 686

Delta R.T. -0.01 min

Lab File: BP001633.D

Acq: 16 Jan 2020 18:09

Instrument :

BNA_P

ClientSampleId :

MH-5

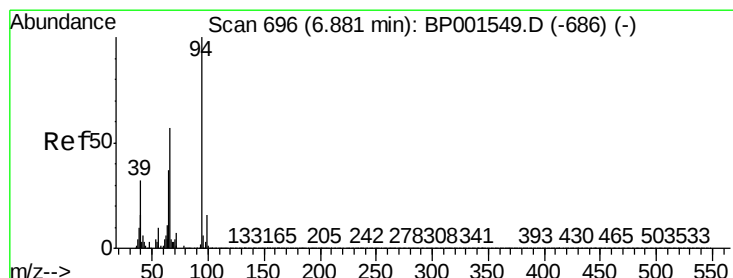
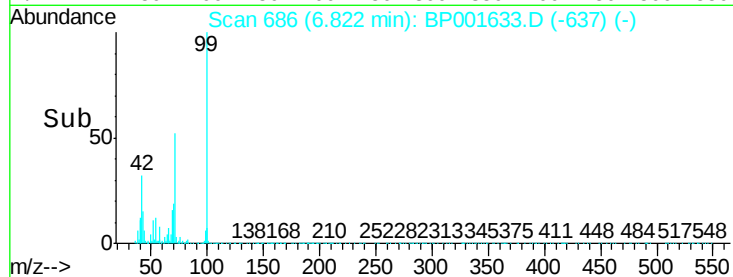
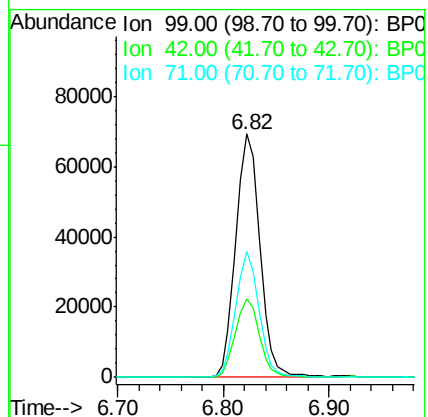
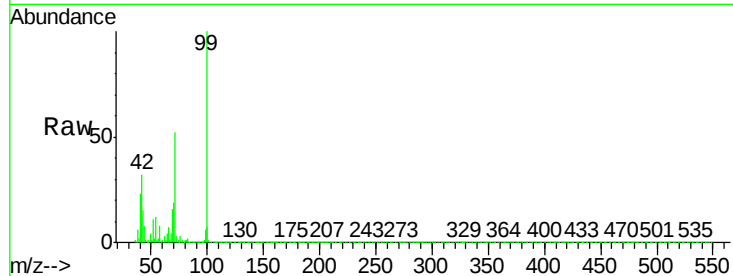
Tot Ion: 99 Resp: 110143

Ion Ratio Lower Upper

99 100

42 32.3 24.5 36.7

71 51.6 42.4 63.6



#10

Phenol

Concen: 2.167 ng

RT: 6.85 min Scan# 690

Delta R.T. -0.01 min

Lab File: BP001633.D

Acq: 16 Jan 2020 18:09

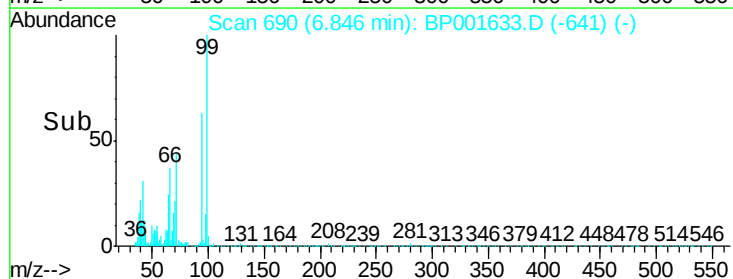
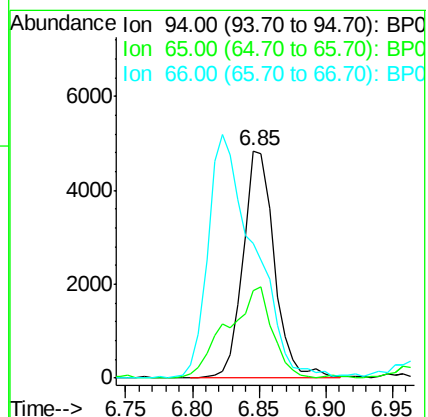
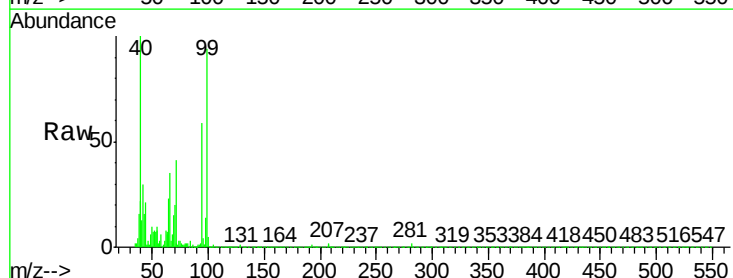
Tgt Ion: 94 Resp: 7848

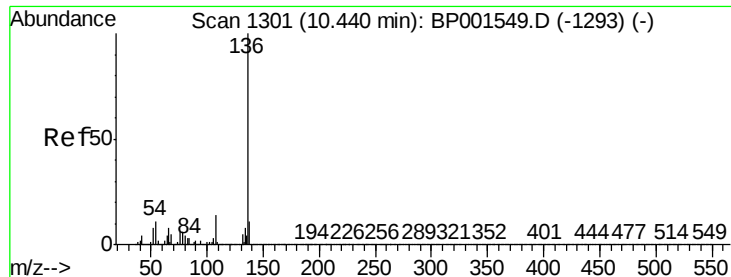
Ion Ratio Lower Upper

94 100

65 38.3 17.5 57.5

66 59.5 36.7 76.7

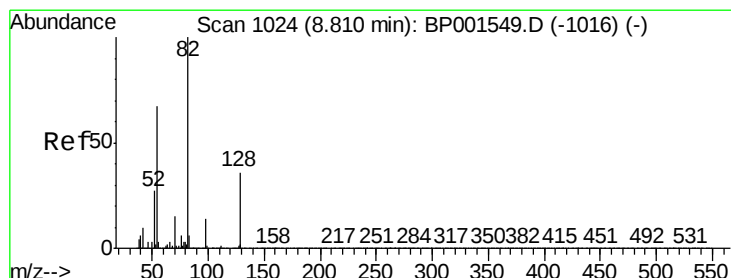
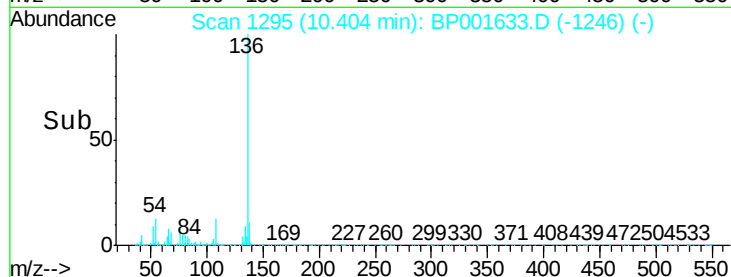
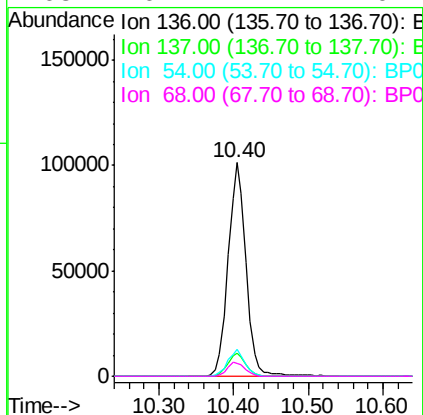
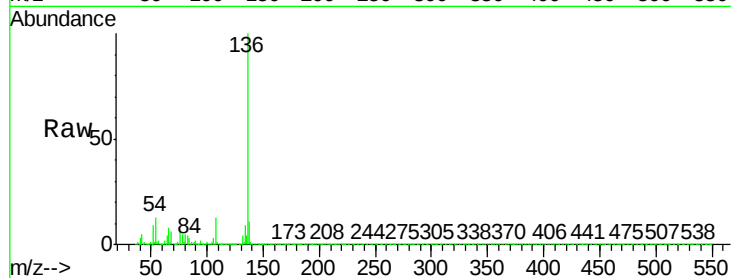




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BP001633.D
Acq: 16 Jan 2020 18:09

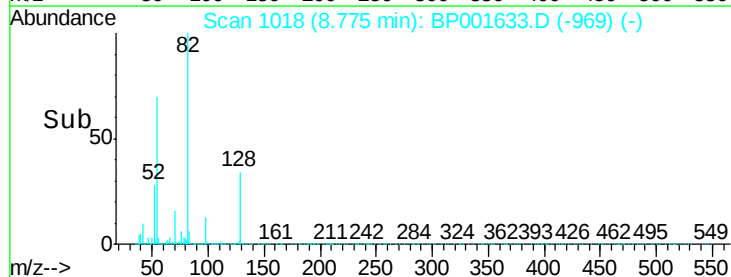
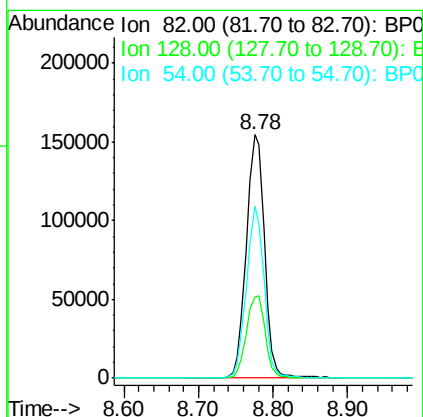
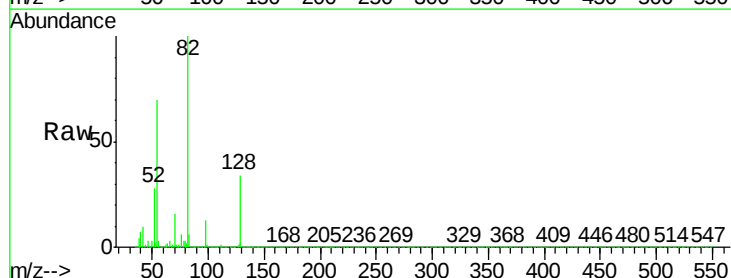
Instrument :
BNA_P
ClientSampleId :
MH-5

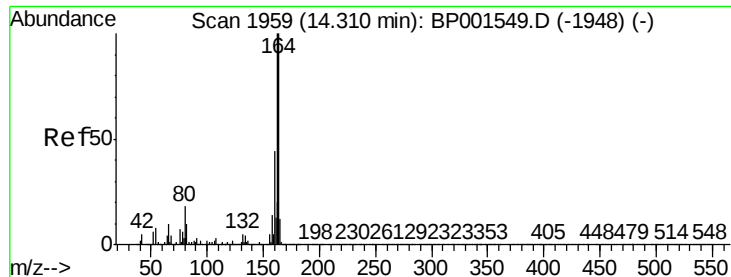
Tot Ion:136	Resp:	169110
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.6 12.8
54	12.7	9.2 13.8
68	6.2	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 67.578 ng
RT: 8.78 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BP001633.D
Acq: 16 Jan 2020 18:09

Tgt Ion: 82	Resp:	261526
Ion	Ratio	Lower Upper
82	100	
128	33.5	28.4 42.6
54	70.5	53.4 80.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.27 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BP001633.D

Acq: 16 Jan 2020 18:09

Instrument :

BNA_P

ClientSampled :

MH-5

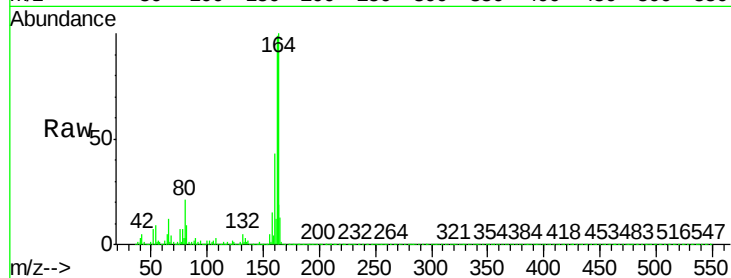
Tot Ion:164 Resp: 116133

Ion Ratio Lower Upper

164 100

162 98.7 79.8 119.6

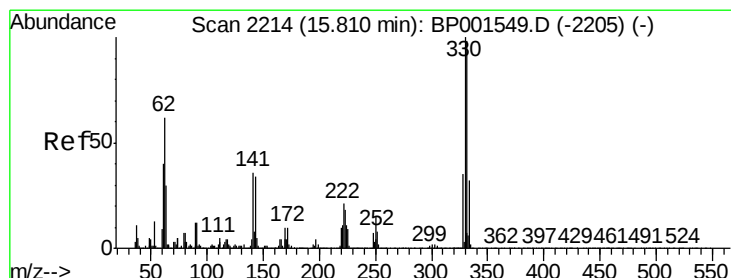
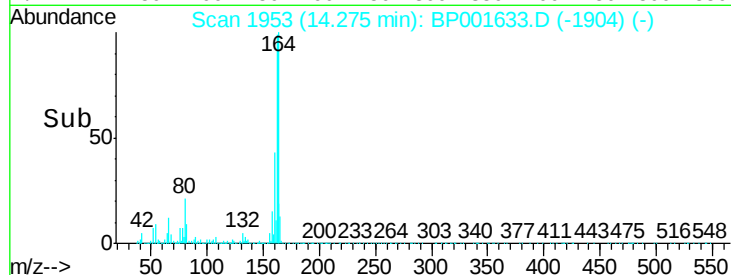
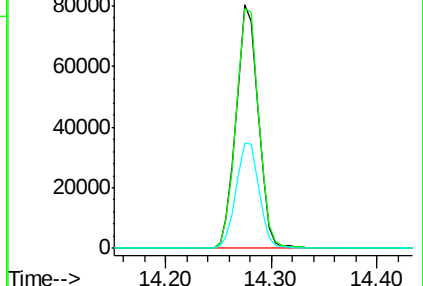
160 43.4 35.0 52.6



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: 88.368 ng

RT: 15.78 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BP001633.D

Acq: 16 Jan 2020 18:09

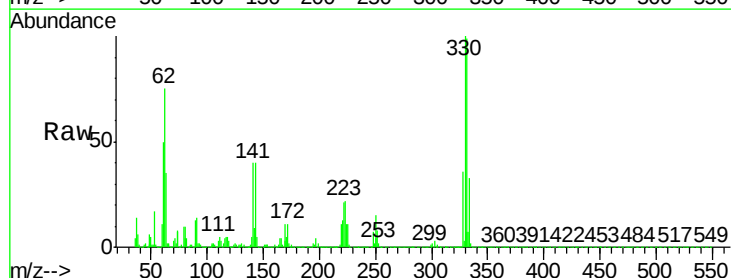
Tgt Ion:330 Resp: 156214

Ion Ratio Lower Upper

330 100

332 97.8 77.8 116.6

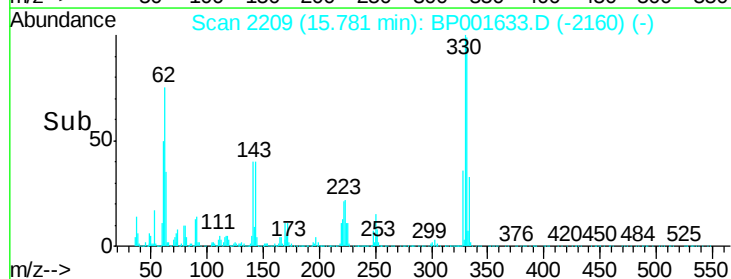
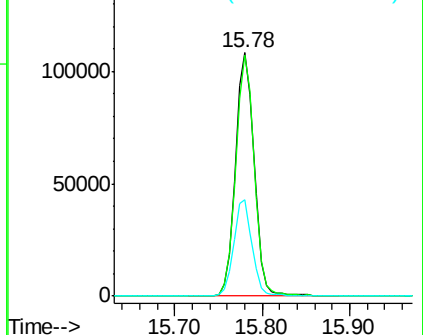
141 39.0 28.7 43.1

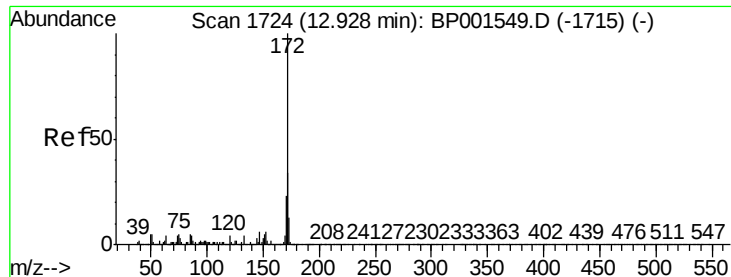


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

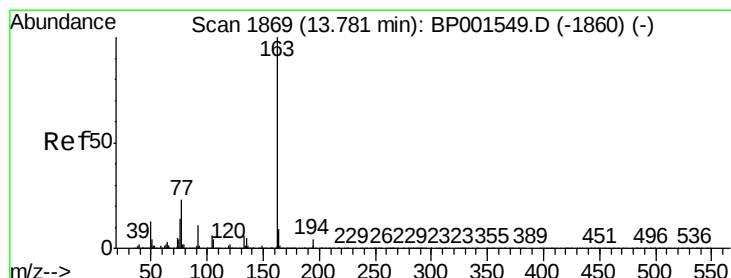
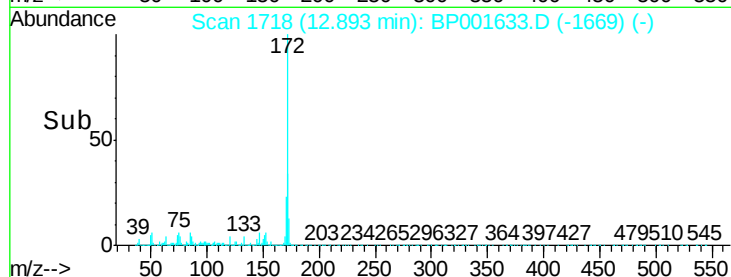
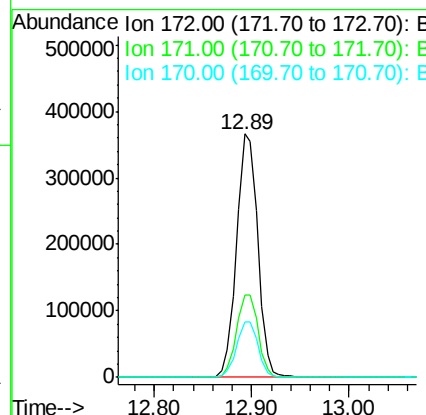
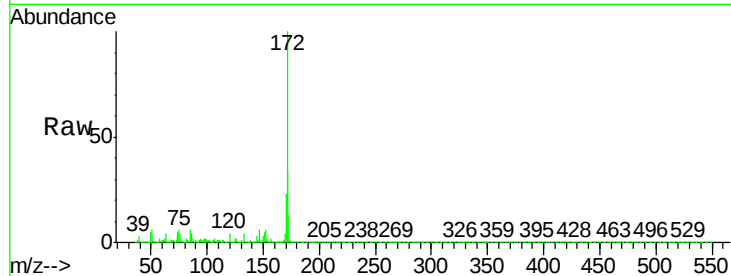




#45
2-Fluorobiphenyl
Concen: 69.985 ng
RT: 12.89 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BP001633.D
Acq: 16 Jan 2020 18:09

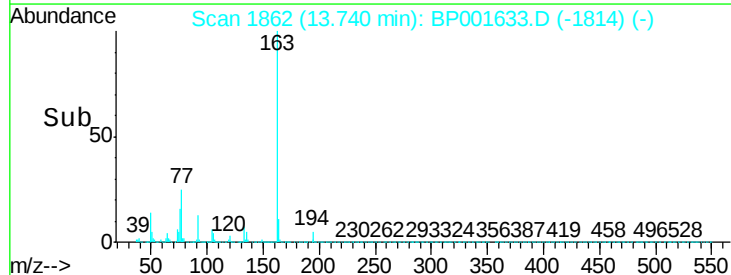
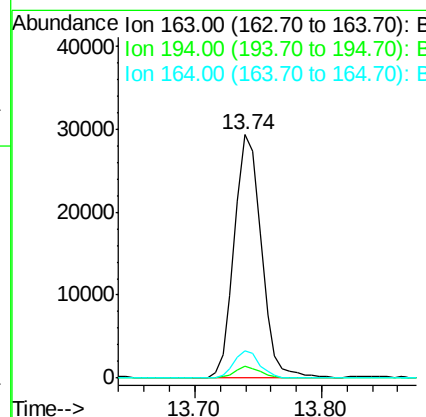
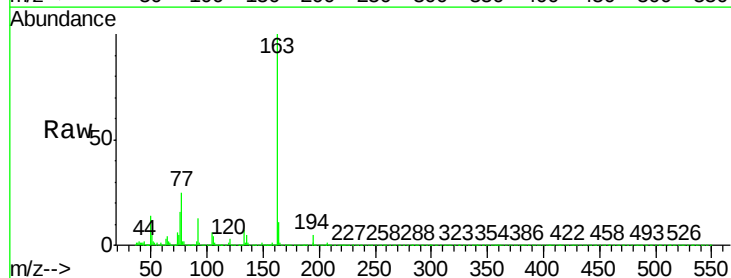
Instrument :
BNA_P
ClientSampled :
MH-5

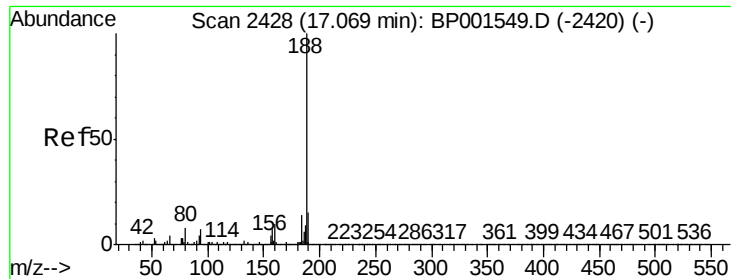
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.8	27.6	41.4
170	22.6	18.3	27.5



#50
Dimethylphthalate
Concen: 4.532 ng
RT: 13.74 min Scan# 1862
Delta R.T. -0.02 min
Lab File: BP001633.D
Acq: 16 Jan 2020 18:09

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.6	5.4
164	11.4	7.5	11.3#

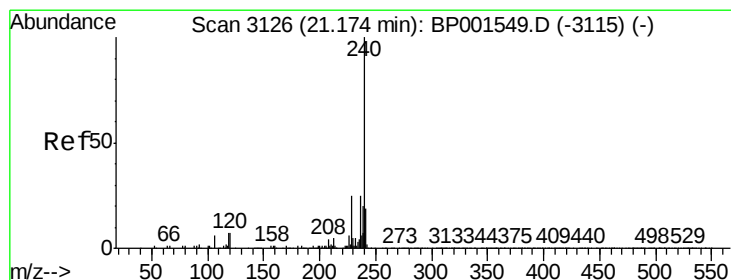
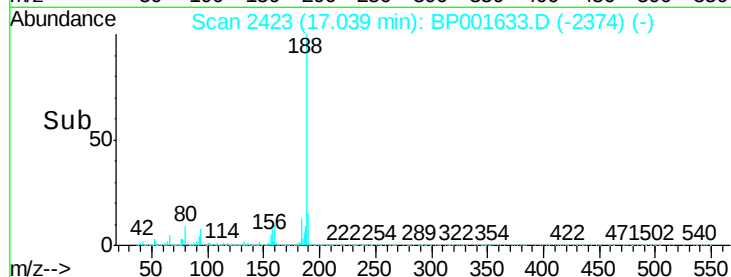
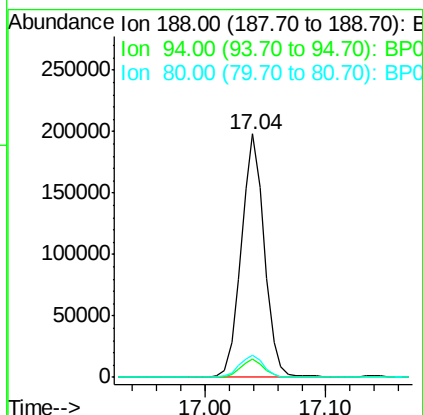
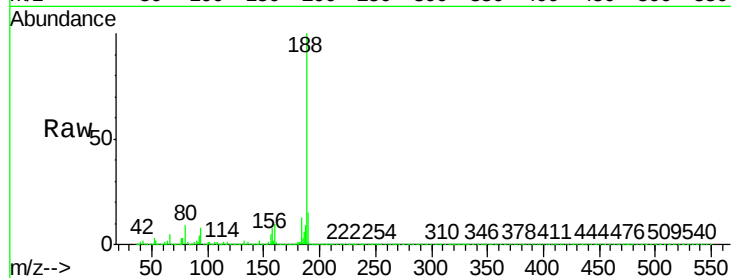




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BP001633.D
Acq: 16 Jan 2020 18:09

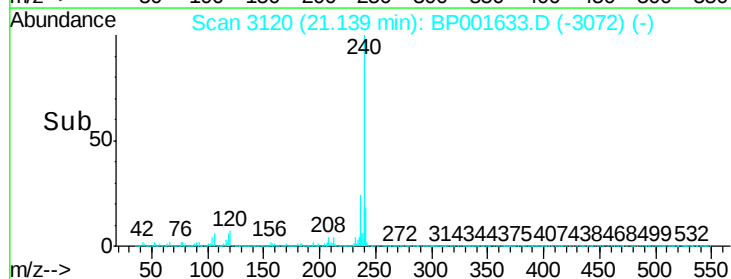
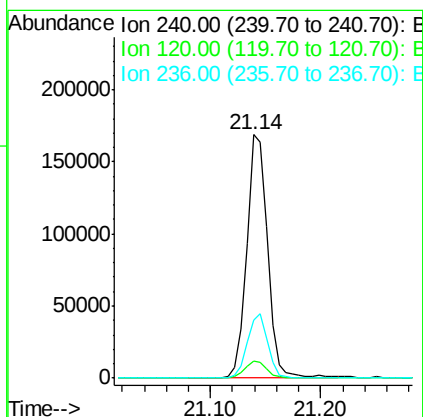
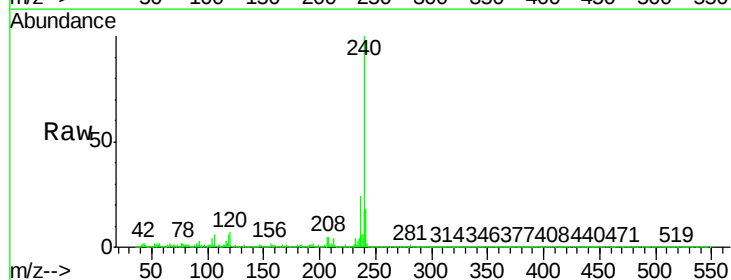
Instrument :
BNA_P
ClientSampleId :
MH-5

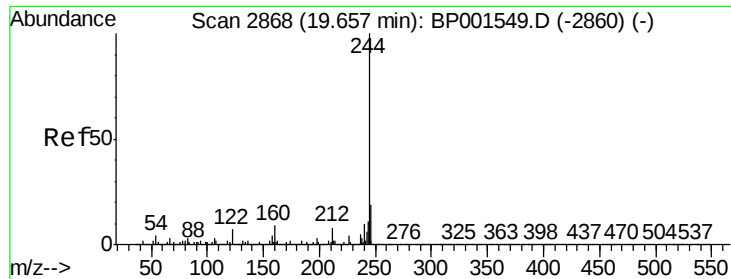
Tot Ion:188 Resp: 264712
Ion Ratio Lower Upper
188 100
94 7.7 5.9 8.9
80 8.9 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3120
Delta R.T. -0.02 min
Lab File: BP001633.D
Acq: 16 Jan 2020 18:09

Tgt Ion:240 Resp: 224927
Ion Ratio Lower Upper
240 100
120 7.1 5.7 8.5
236 23.7 20.4 30.6





#79

Terphenyl-d14

Concen: 71.326 ng

RT: 19.63 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BP001633.D

Acq: 16 Jan 2020 18:09

Instrument :

BNA_P

ClientSampled :

MH-5

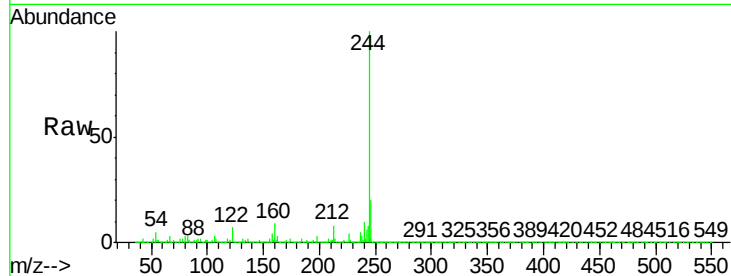
Tot Ion:244 Resp: 877136

Ion Ratio Lower Upper

244 100

212 8.4 6.3 9.5

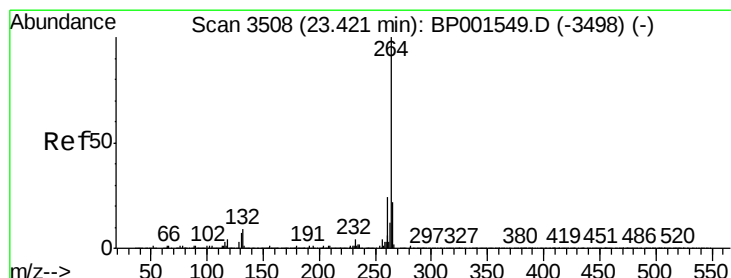
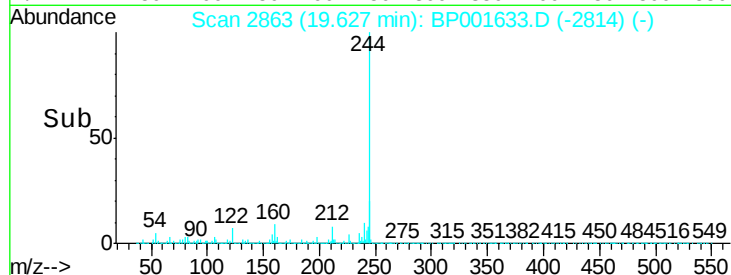
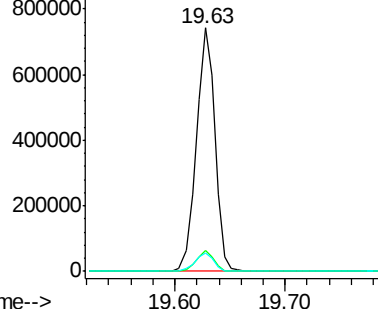
122 7.5 5.8 8.6



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: 23.37 min Scan# 3499

Delta R.T. -0.02 min

Lab File: BP001633.D

Acq: 16 Jan 2020 18:09

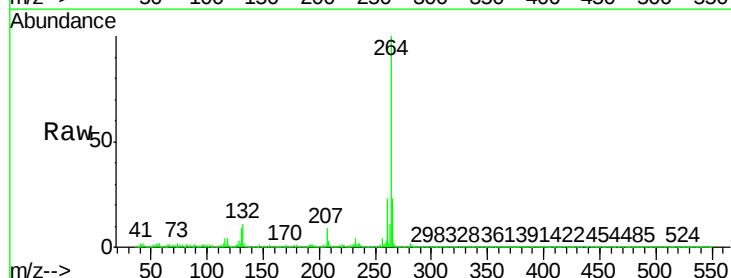
Tgt Ion:264 Resp: 232145

Ion Ratio Lower Upper

264 100

260 22.8 19.0 28.6

265 22.6 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

