

Data File : BP001670.D
Acq On : 21 Jan 2020 15:32
Operator : CG/JU
Sample : L1004-15
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BU-03-012020

Quant Time: Jan 22 03:33:37 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

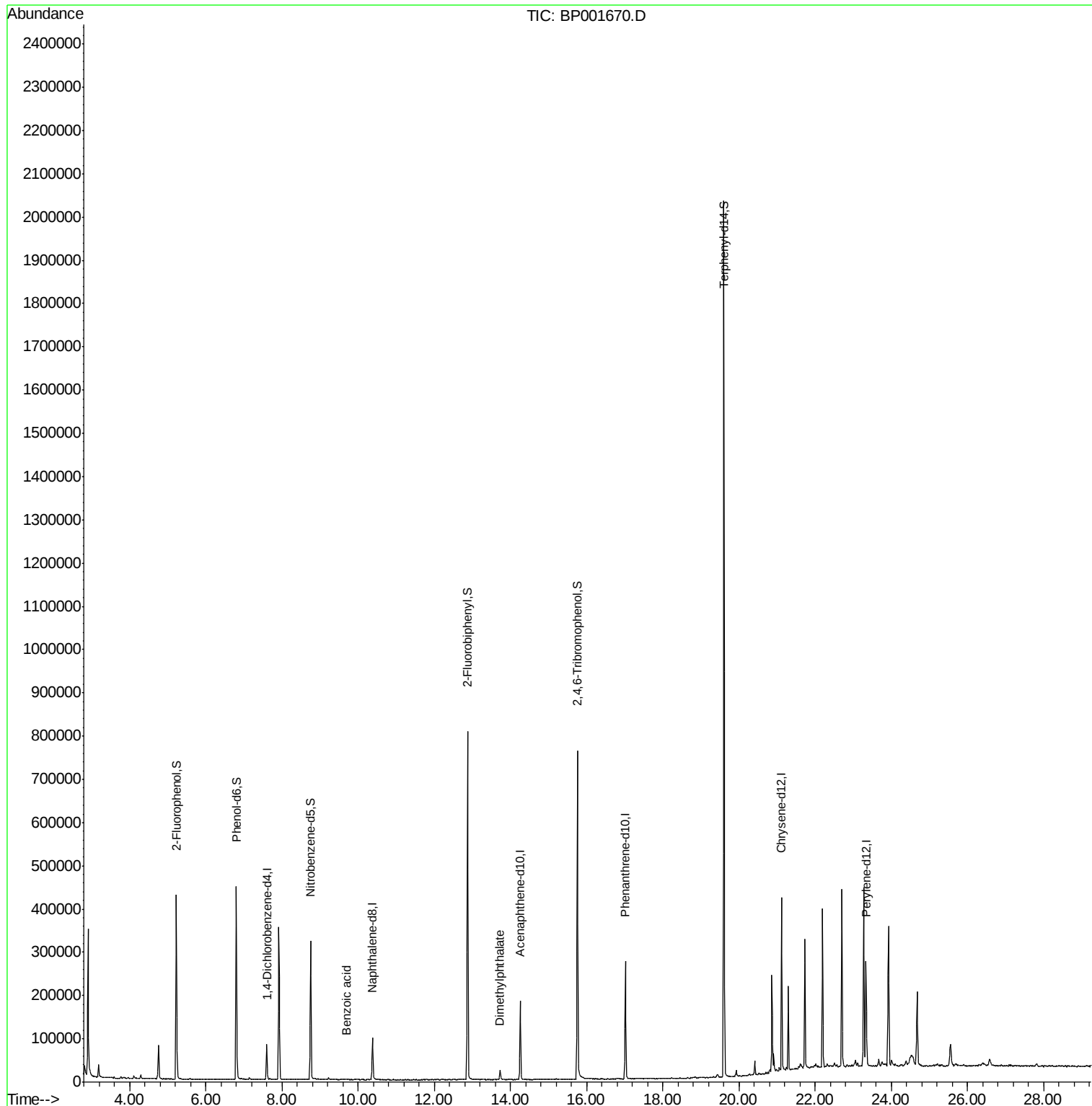
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	18219	20.00	ng	-0.04
21) Naphthalene-d8	10.38	136	75530	20.00	ng	-0.04
39) Acenaphthene-d10	14.26	164	58254	20.00	ng	-0.03
64) Phenanthrene-d10	17.02	188	157970	20.00	ng	-0.04
76) Chrysene-d12	21.12	240	171101	20.00	ng	-0.04
87) Perylene-d12	23.34	264	181928	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	145659	156.61	ng	-0.04
7) Phenol-d6	6.80	99	193961	130.49	ng	-0.04
23) Nitrobenzene-d5	8.75	82	164552	95.20	ng	-0.04
42) 2,4,6-Tribromophenol	15.76	330	118626	133.78	ng	-0.04
45) 2-Fluorobiphenyl	12.87	172	380828	96.12	ng	-0.04
79) Terphenyl-d14	19.60	244	907746	97.04	ng	-0.04
Target Compounds						
32) Benzoic acid	9.69	122	16	4.719	ng	Qvalue 95
50) Dimethylphthalate	13.72	163	16104	3.356	ng	# 94

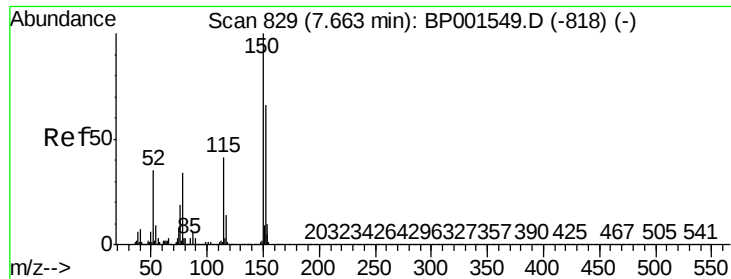
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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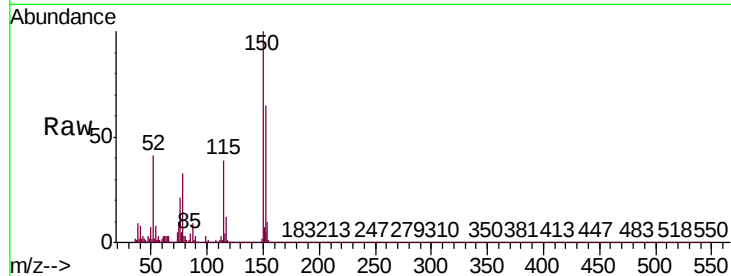




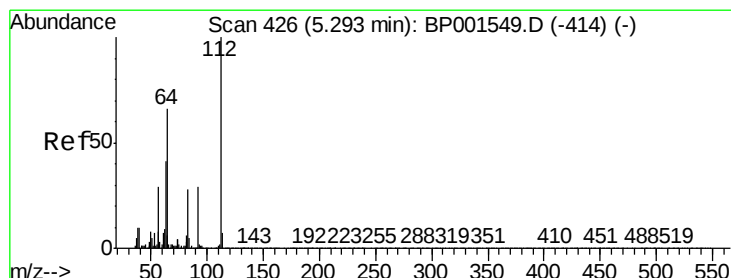
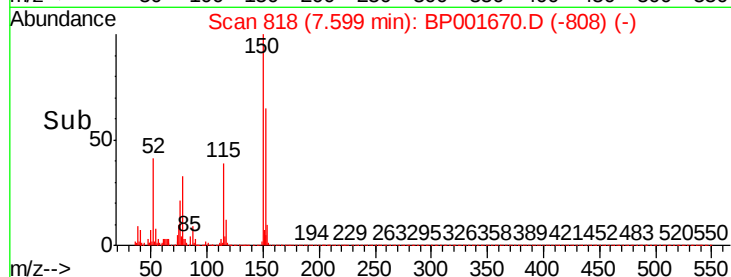
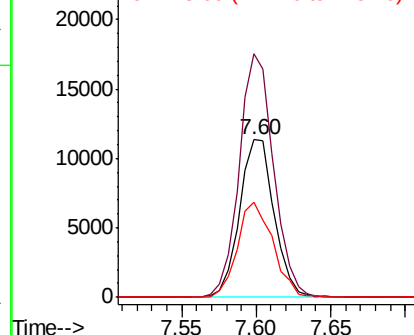
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 818
Delta R.T. -0.04 min
Lab File: BP001670.D
Acq: 21 Jan 2020 15:32

Instrument :
BNA_P
ClientSampleId :
BU-03-012020

Tgt Ion:152 Resp: 18219
Ion Ratio Lower Upper
152 100
150 154.5 122.0 183.0
115 60.3 50.7 76.1

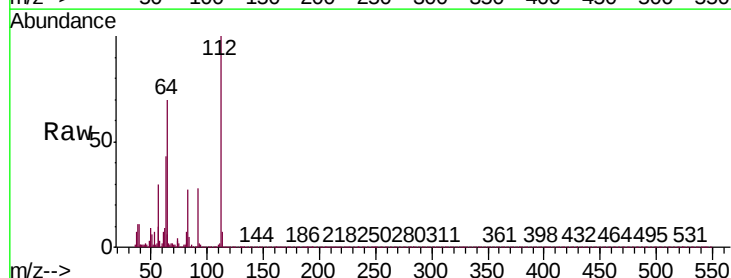


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E

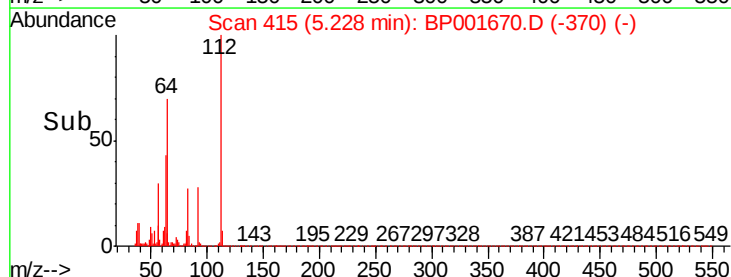
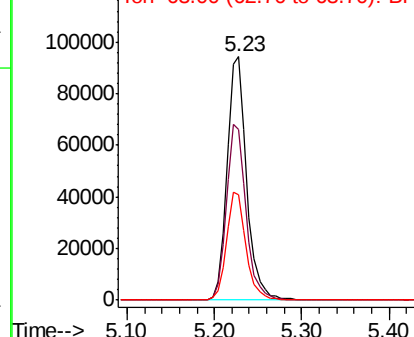


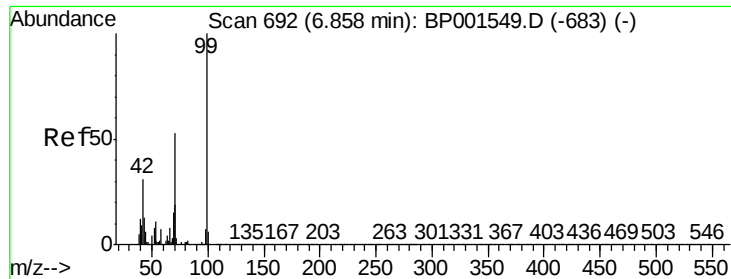
#5
2-Fluorophenol
Concen: 156.612 ng
RT: 5.23 min Scan# 415
Delta R.T. -0.04 min
Lab File: BP001670.D
Acq: 21 Jan 2020 15:32

Tgt Ion:112 Resp: 145659
Ion Ratio Lower Upper
112 100
64 70.3 52.8 79.2
63 43.2 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: 130.489 ng

RT: 6.80 min Scan# 682

Delta R.T. -0.04 min

Lab File: BP001670.D

Acq: 21 Jan 2020 15:32

Instrument :

BNA_P

ClientSampleId :

BU-03-012020

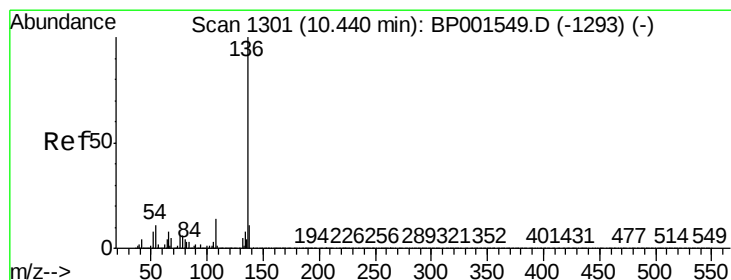
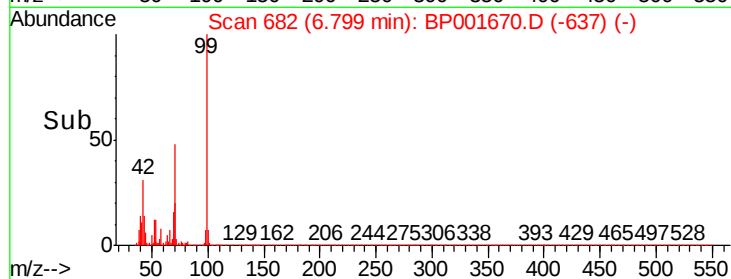
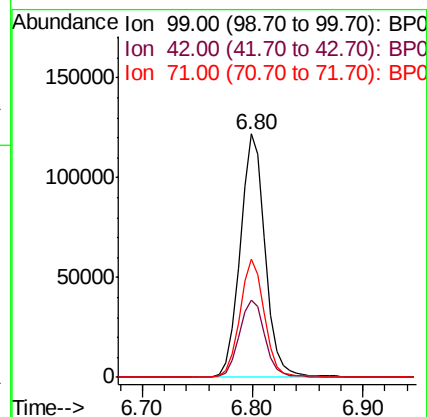
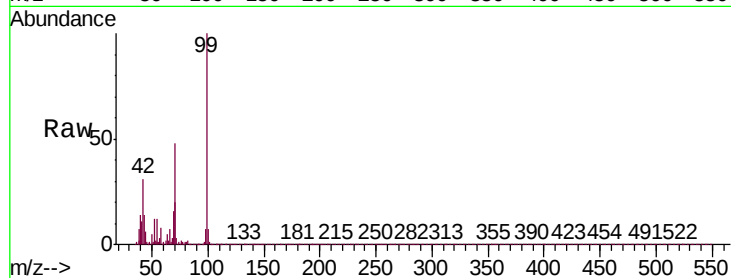
Tgt Ion: 99 Resp: 193961

Ion Ratio Lower Upper

99 100

42 31.5 24.5 36.7

71 48.4 42.4 63.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.38 min Scan# 1291

Delta R.T. -0.04 min

Lab File: BP001670.D

Acq: 21 Jan 2020 15:32

Tgt Ion: 136 Resp: 75530

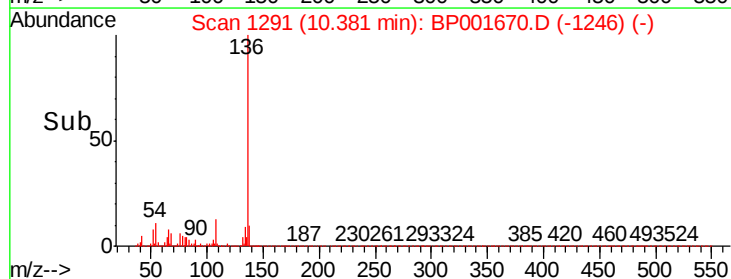
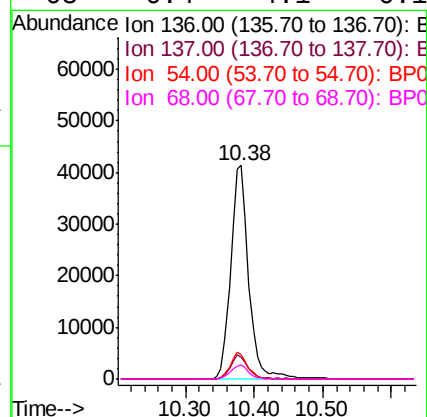
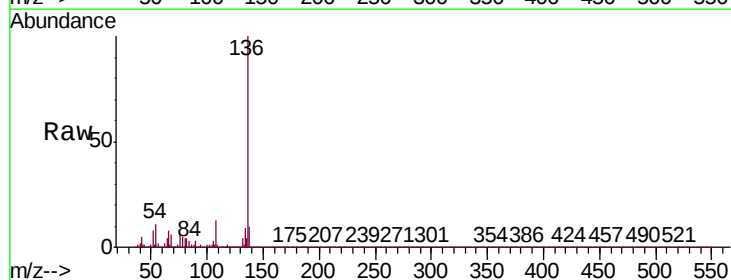
Ion Ratio Lower Upper

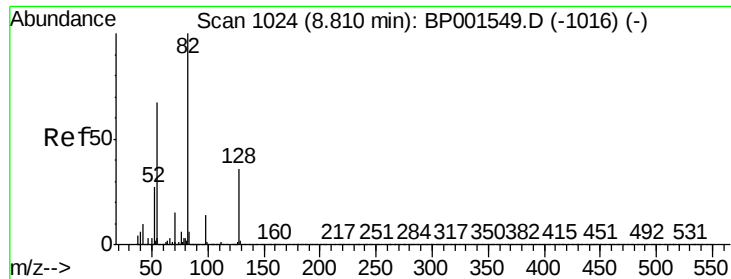
136 100

137 10.1 8.6 12.8

54 11.4 9.2 13.8

68 6.4 4.1 6.1#

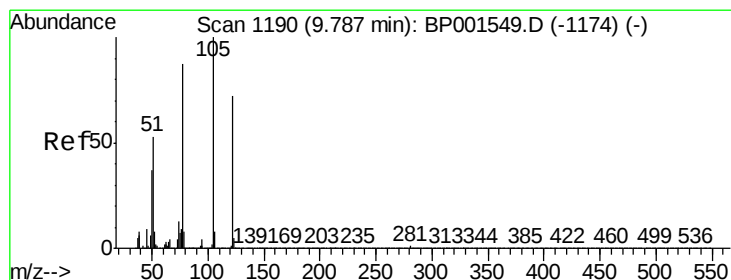
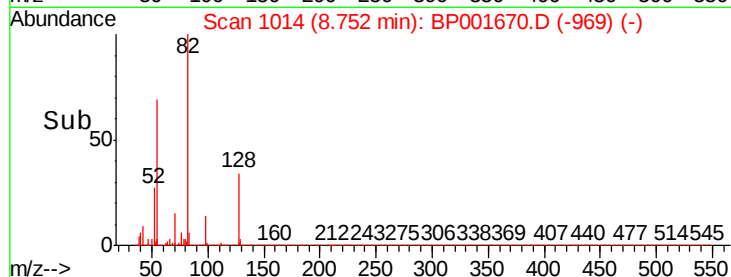
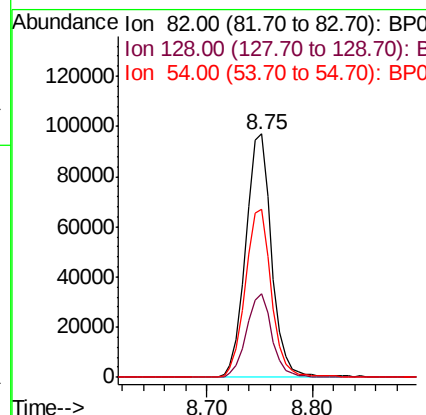
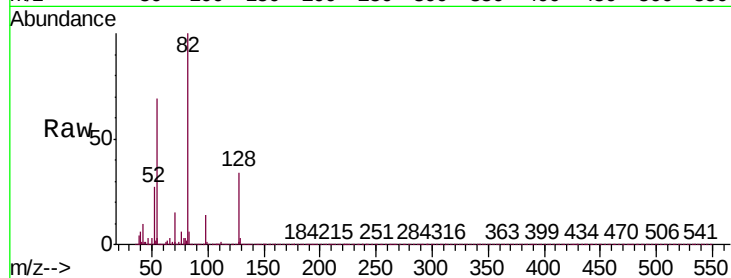




#23
Nitrobenzene-d5
Concen: 95.201 ng
RT: 8.75 min Scan# 1014
Delta R.T. -0.04 min
Lab File: BP001670.D
Acq: 21 Jan 2020 15:32

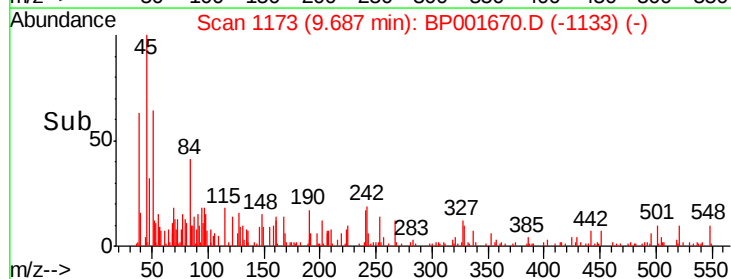
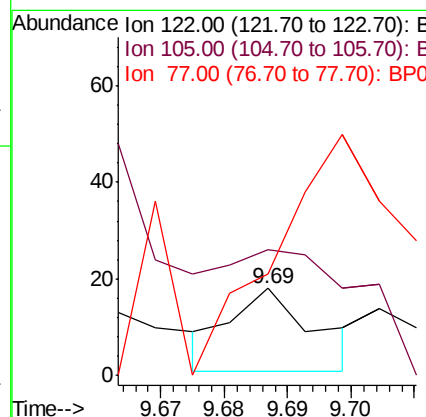
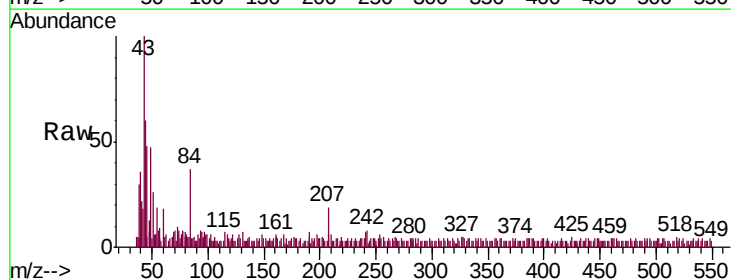
Instrument :
BNA_P
ClientSampleId :
BU-03-012020

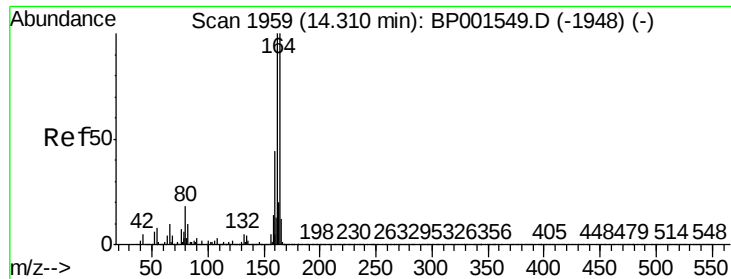
Tgt Ion: 82 Resp: 164552
Ion Ratio Lower Upper
82 100
128 34.5 28.4 42.6
54 68.9 53.4 80.2



#32
Benzoic acid
Concen: 4.719 ng
RT: 9.69 min Scan# 1173
Delta R.T. -0.06 min
Lab File: BP001670.D
Acq: 21 Jan 2020 15:32

Tgt Ion: 122 Resp: 16
Ion Ratio Lower Upper
122 100
105 144.4 119.5 159.5
77 116.7 102.8 142.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1950

Delta R.T. -0.03 min

Lab File: BP001670.D

Acq: 21 Jan 2020 15:32

Instrument :

BNA_P

ClientSampleId :

BU-03-012020

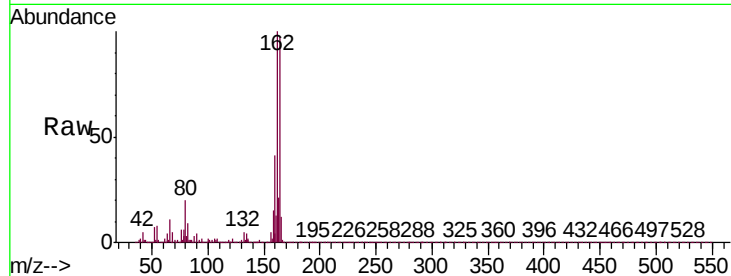
Tgt Ion:164 Resp: 58254

Ion Ratio Lower Upper

164 100

162 102.9 79.8 119.6

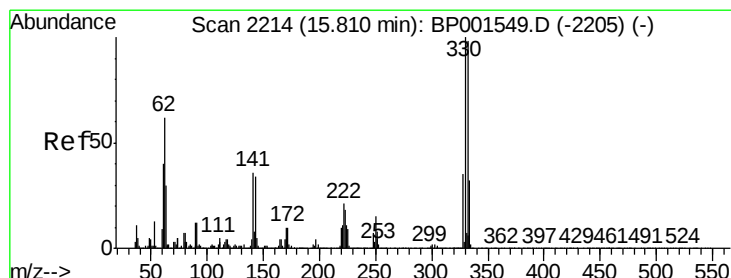
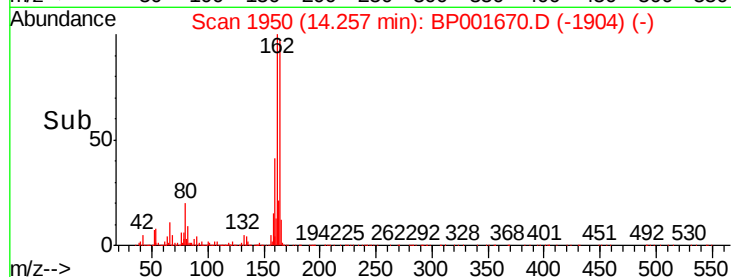
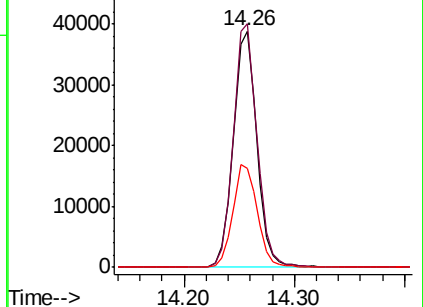
160 41.8 35.0 52.6



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: 133.777 ng

RT: 15.76 min Scan# 2205

Delta R.T. -0.04 min

Lab File: BP001670.D

Acq: 21 Jan 2020 15:32

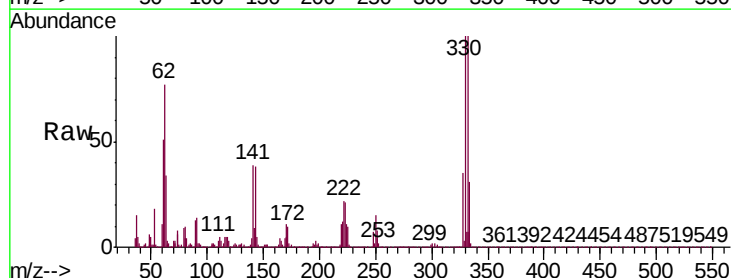
Tgt Ion:330 Resp: 118626

Ion Ratio Lower Upper

330 100

332 96.9 77.8 116.6

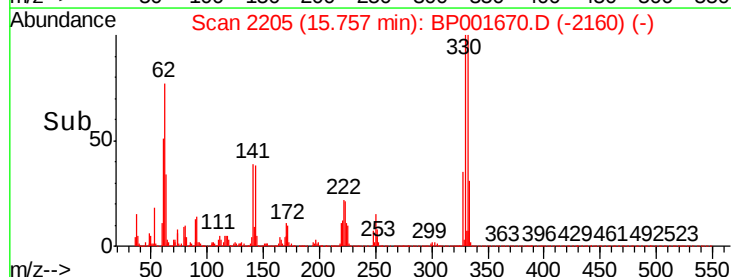
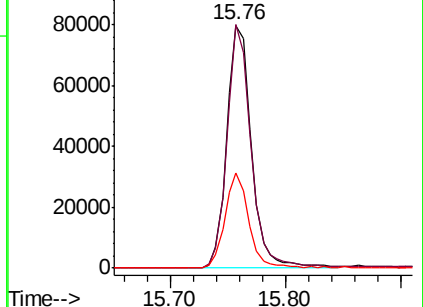
141 37.4 28.7 43.1

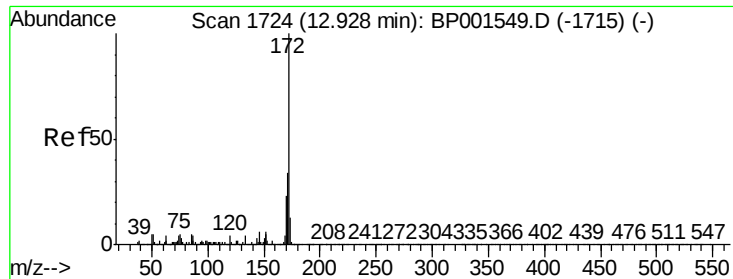


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

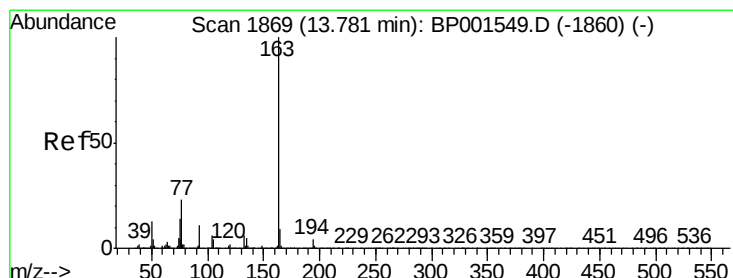
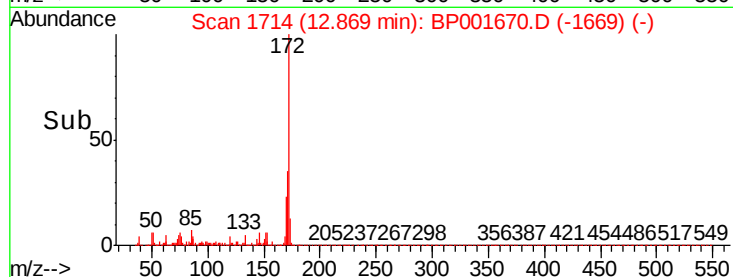
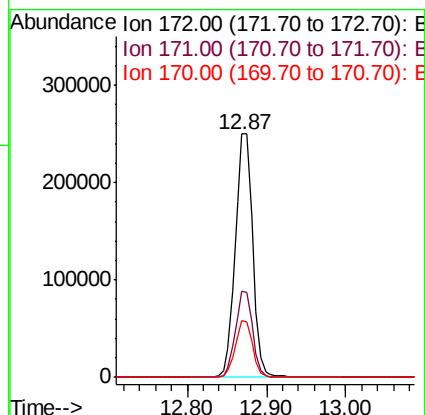
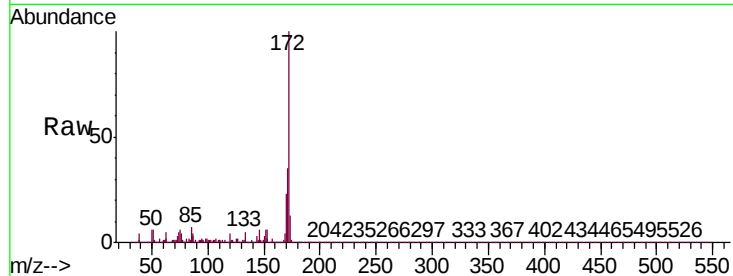




#45
 2-Fluorobiphenyl
 Concen: 96.117 ng
 RT: 12.87 min Scan# 1714
 Delta R.T. -0.04 min
 Lab File: BP001670.D
 Acq: 21 Jan 2020 15:32

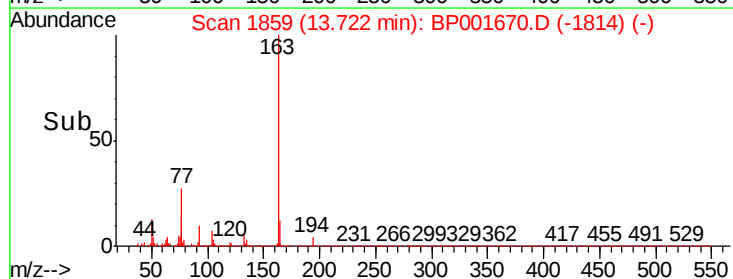
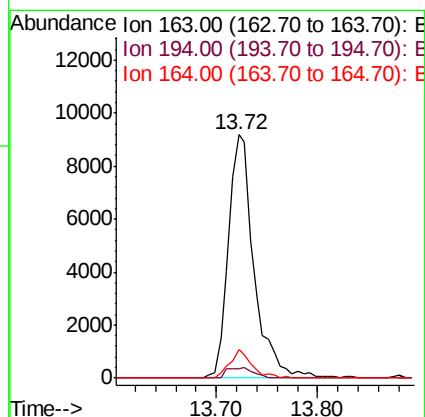
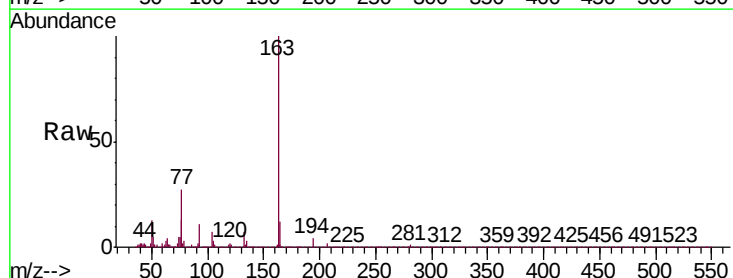
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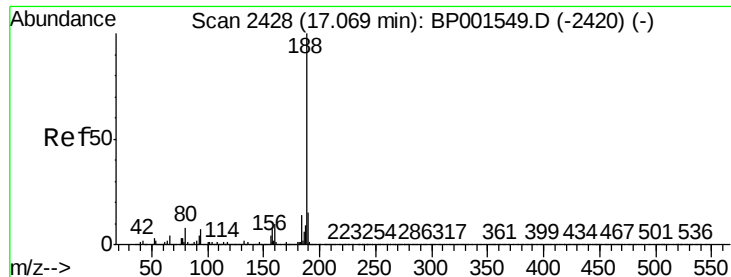
Tgt Ion:	172	Resp:	380828
Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.6	41.4
170	23.3	18.3	27.5



#50
 Dimethylphthalate
 Concen: 3.356 ng
 RT: 13.72 min Scan# 1859
 Delta R.T. -0.04 min
 Lab File: BP001670.D
 Acq: 21 Jan 2020 15:32

Tgt Ion:	163	Resp:	16104
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.6	5.4
164	12.3	7.5	11.3#

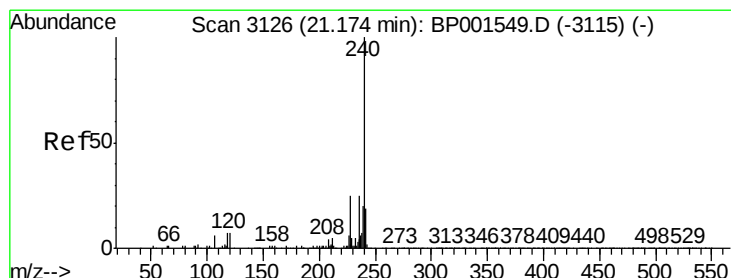
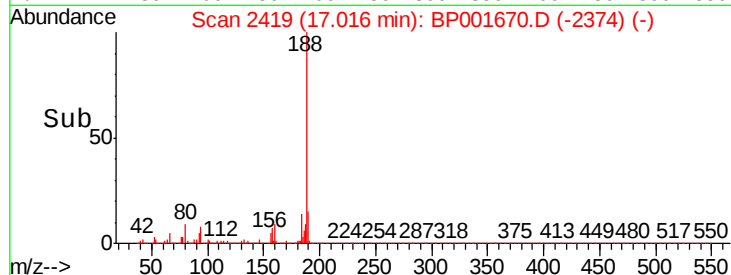
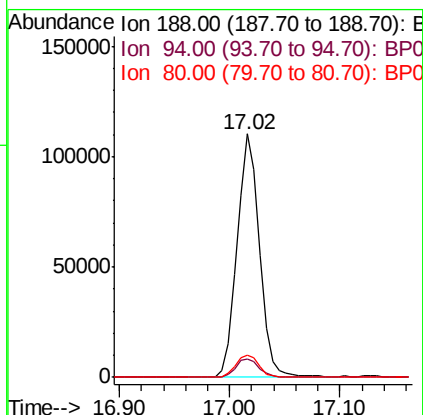
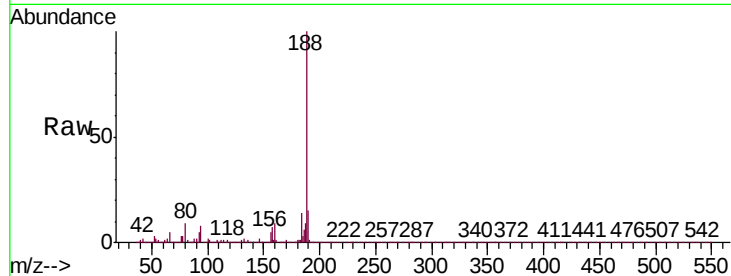




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.02 min Scan# 2419
Delta R.T. -0.04 min
Lab File: BP001670.D
Acq: 21 Jan 2020 15:32

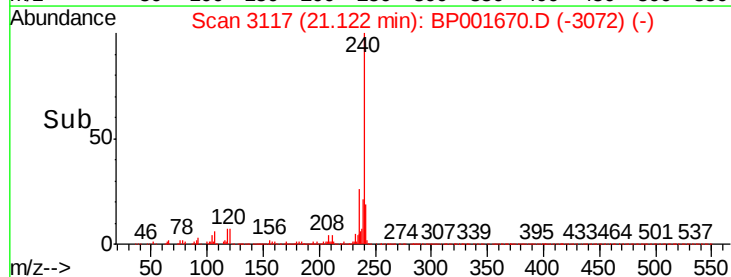
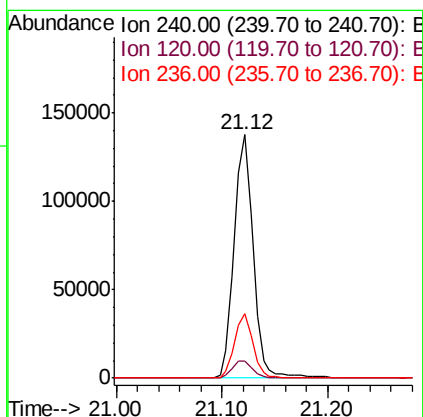
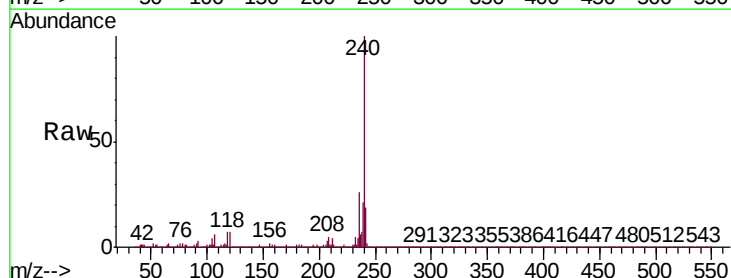
Instrument :
BNA_P
ClientSampled :
BU-03-012020

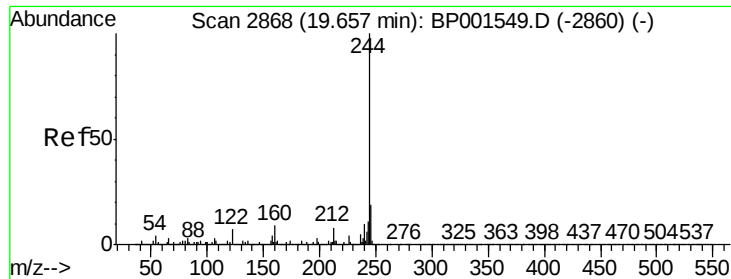
Tgt Ion:188 Resp: 157970
Ion Ratio Lower Upper
188 100
94 7.7 5.9 8.9
80 9.1 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.12 min Scan# 3117
Delta R.T. -0.04 min
Lab File: BP001670.D
Acq: 21 Jan 2020 15:32

Tgt Ion:240 Resp: 171101
Ion Ratio Lower Upper
240 100
120 7.0 5.7 8.5
236 26.3 20.4 30.6





#79

Terphenyl-d14

Concen: 97.036 ng

RT: 19.60 min Scan# 2859

Delta R.T. -0.04 min

Lab File: BP001670.D

Acq: 21 Jan 2020 15:32

Instrument :

BNA_P

ClientSampleId :

BU-03-012020

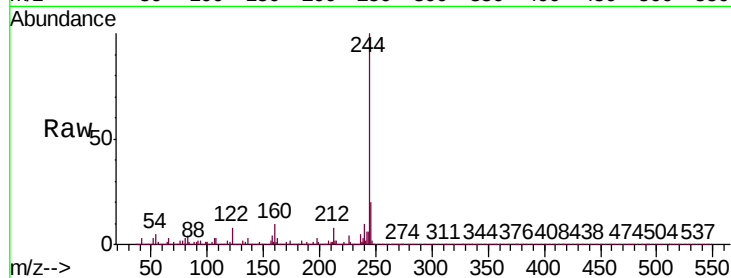
Tgt Ion:244 Resp: 907746

Ion Ratio Lower Upper

244 100

212 8.2 6.3 9.5

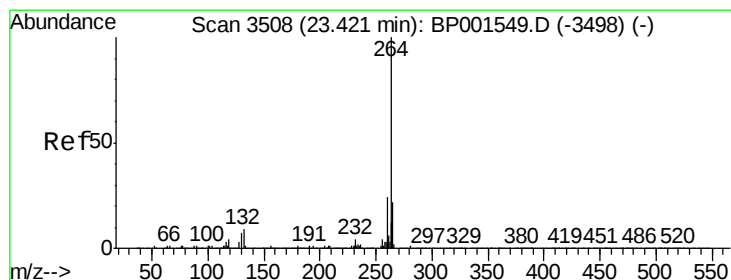
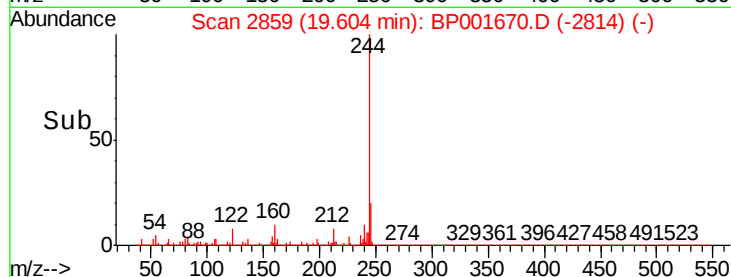
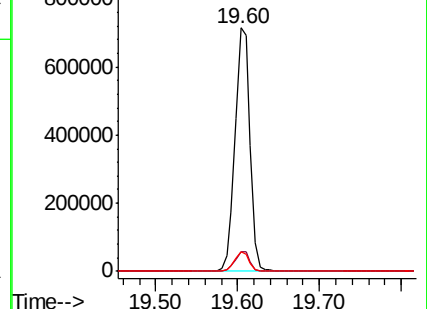
122 8.0 5.8 8.6



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: 23.34 min Scan# 3494

Delta R.T. -0.05 min

Lab File: BP001670.D

Acq: 21 Jan 2020 15:32

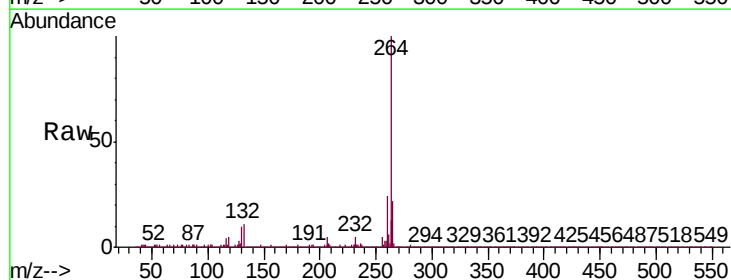
Tgt Ion:264 Resp: 181928

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 22.5 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

