

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
 Data File : BP001564.D
 Acq On : 08 Jan 2020 21:59
 Operator : JU
 Sample : L1051-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-3H-(8.5-10.5)

Quant Time: Jan 09 04:51:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 15:02:19 2020
 Response via : Initial Calibration

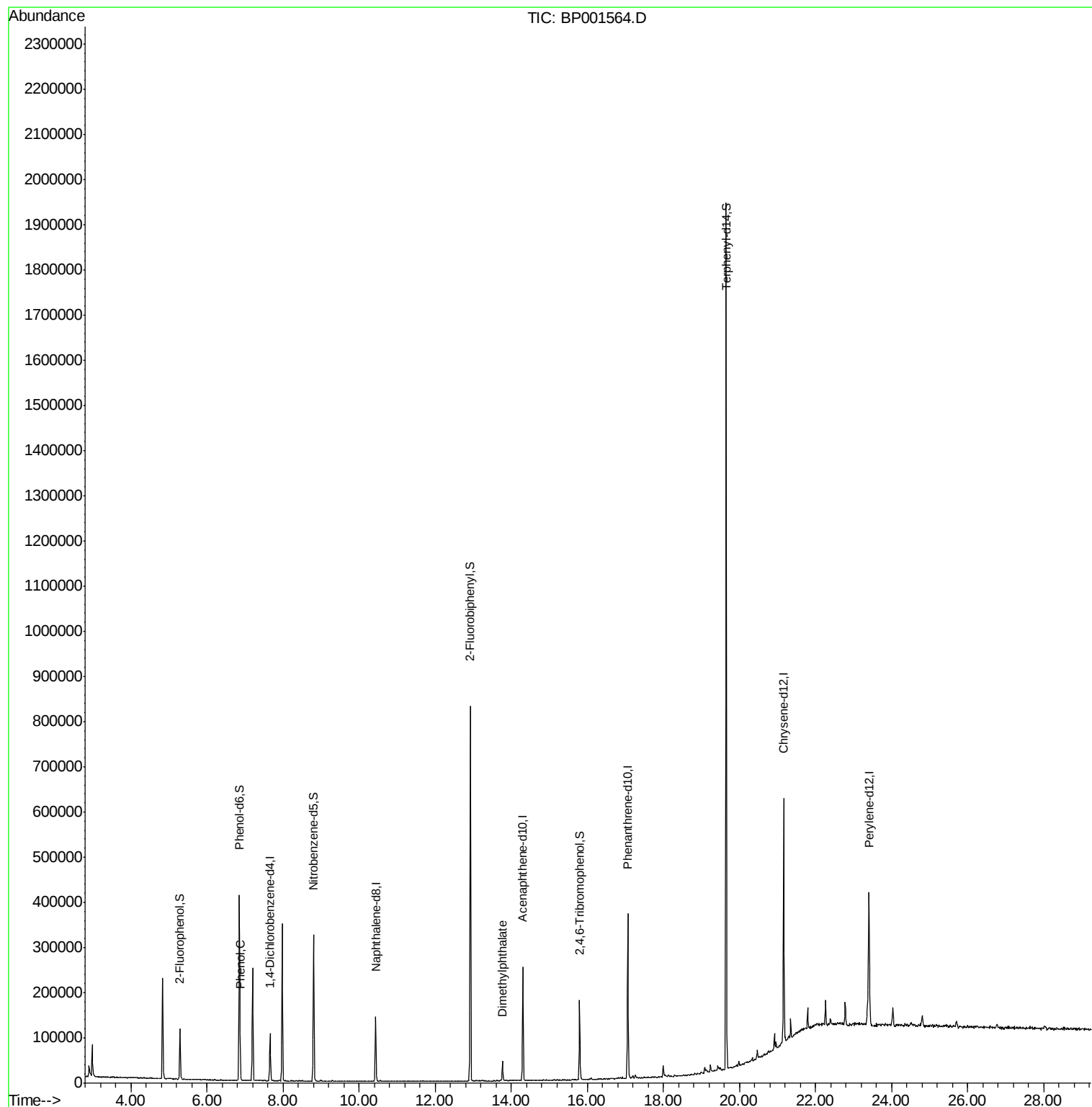
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	22971	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	96848	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	78587	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	205887	20.00	ng	0.00
76) Chrysene-d12	21.16	240	223259	20.00	ng	-0.01
87) Perylene-d12	23.40	264	227708	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	37043	31.59	ng	0.00
7) Phenol-d6	6.85	99	168760	90.05	ng	0.00
23) Nitrobenzene-d5	8.80	82	152618	68.86	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	26609	22.24	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	382273	71.52	ng	0.00
79) Terphenyl-d14	19.65	244	813455	66.64	ng	0.00
Target Compounds						
10) Phenol	6.88	94	5250	2.708	ng	# 75
50) Dimethylphthalate	13.77	163	22632	3.496	ng	# 96

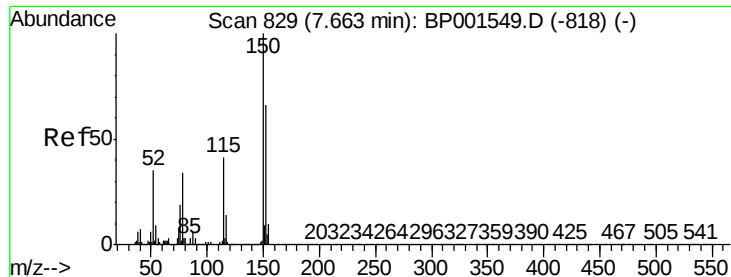
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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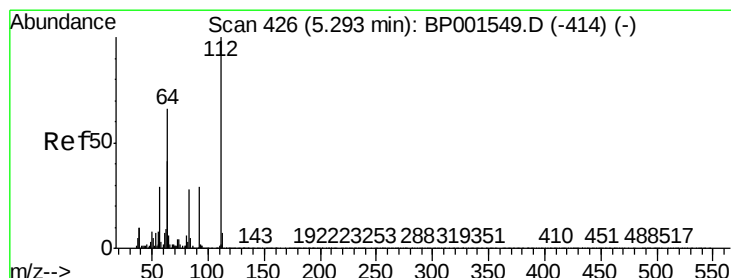
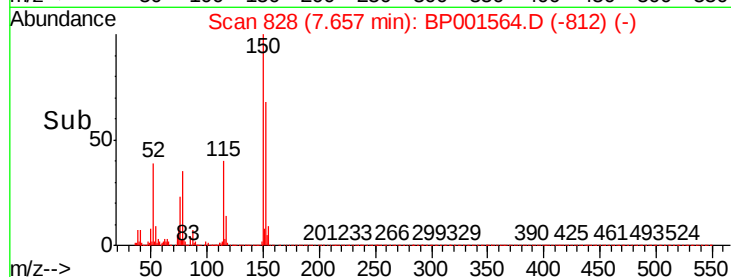
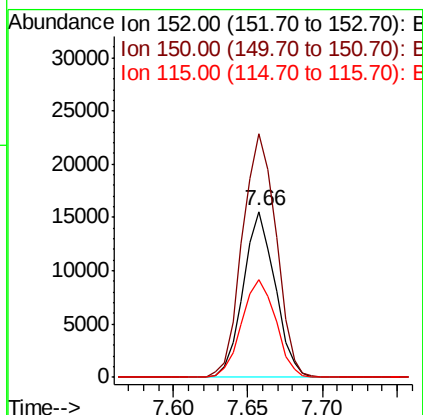
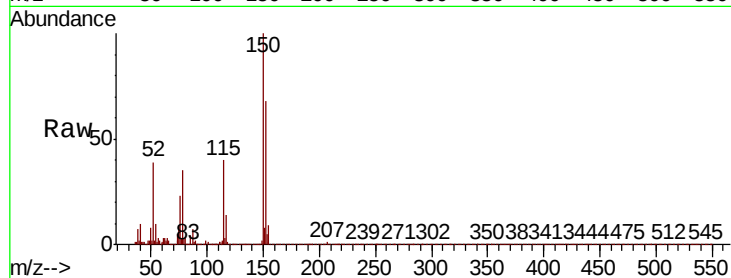


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 828
Delta R.T. -0.01 min
Lab File: BP001564.D
Acq: 08 Jan 2020 21:59

Instrument :
BNA_P
ClientSampleId :
SB-3H-(8.5-10.5)

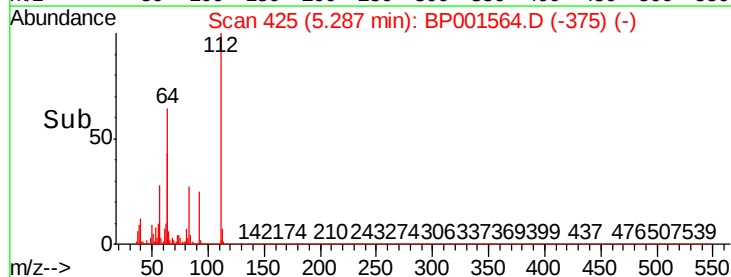
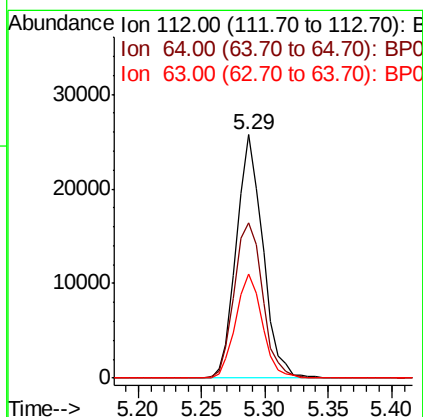
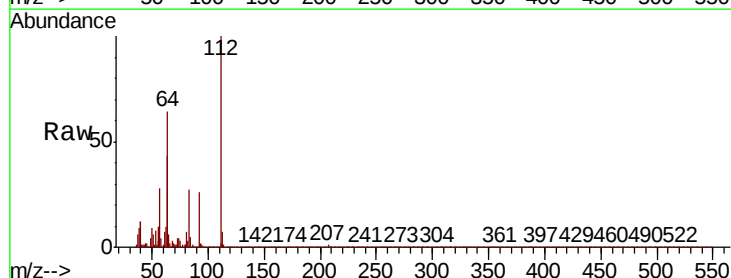
Tot Ion:152 Resp: 22971
Ion Ratio Lower Upper
152 100
150 147.0 122.0 183.0
115 59.3 50.7 76.1

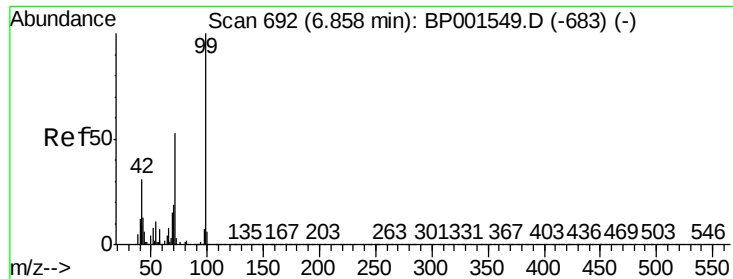


#5

2-Fluorophenol
Concen: 31.589 ng
RT: 5.29 min Scan# 425
Delta R.T. -0.01 min
Lab File: BP001564.D
Acq: 08 Jan 2020 21:59

Tgt Ion:112 Resp: 37043
Ion Ratio Lower Upper
112 100
64 63.6 52.8 79.2
63 42.8 33.1 49.7





#7

Phenol-d6

Concen: 90.048 ng

RT: 6.85 min Scan# 691

Delta R.T. -0.01 min

Lab File: BP001564.D

Acq: 08 Jan 2020 21:59

Instrument :

BNA_P

ClientSampleId :

SB-3H-(8.5-10.5)

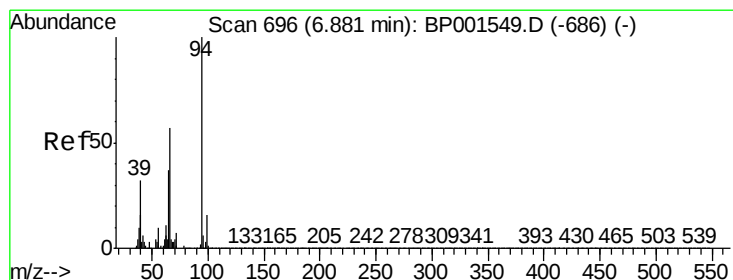
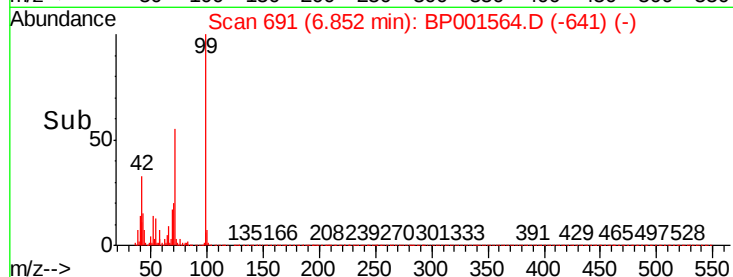
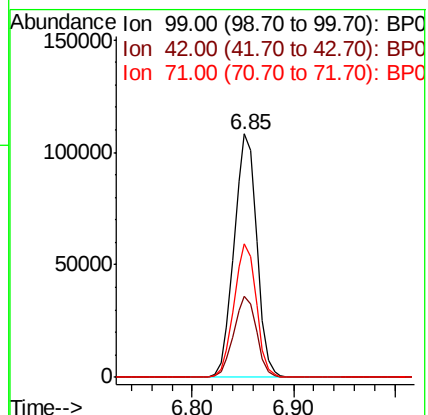
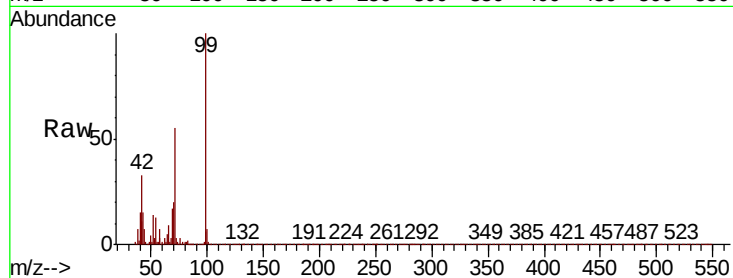
Tot Ion: 99 Resp: 168760

Ion Ratio Lower Upper

99 100

42 33.3 24.5 36.7

71 54.7 42.4 63.6



#10

Phenol

Concen: 2.708 ng

RT: 6.88 min Scan# 695

Delta R.T. -0.01 min

Lab File: BP001564.D

Acq: 08 Jan 2020 21:59

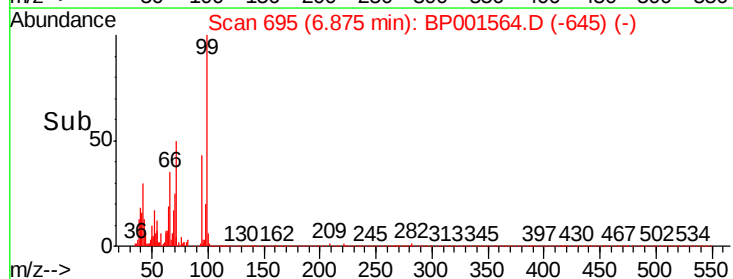
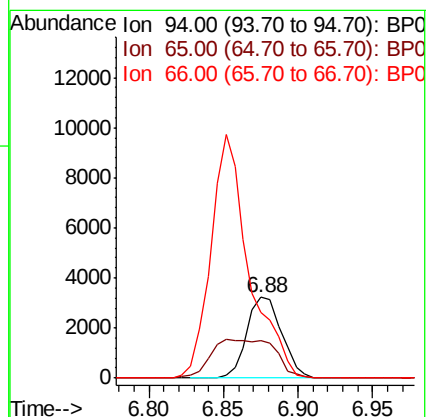
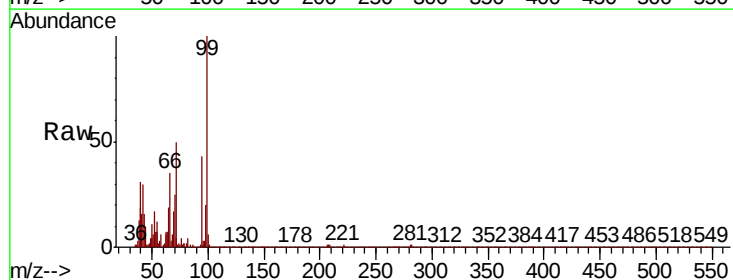
Tgt Ion: 94 Resp: 5250

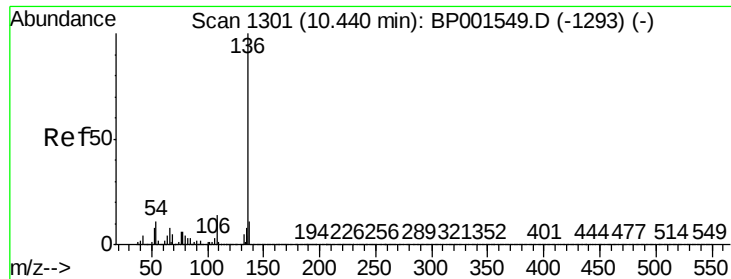
Ion Ratio Lower Upper

94 100

65 45.6 17.5 57.5

66 81.0 36.7 76.7#

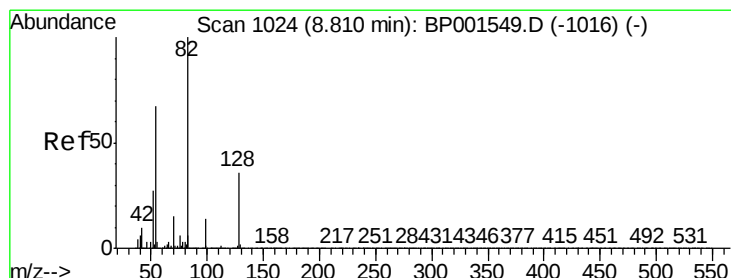
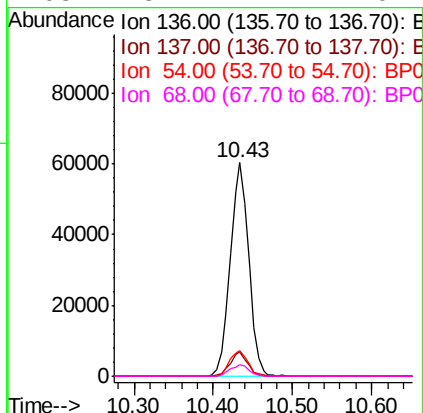
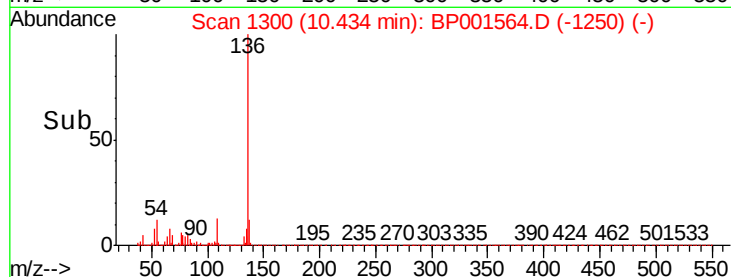
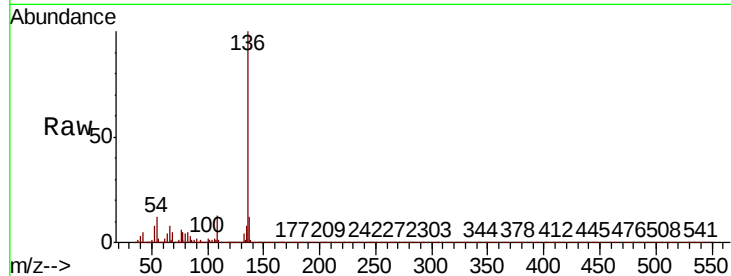




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BP001564.D
Acq: 08 Jan 2020 21:59

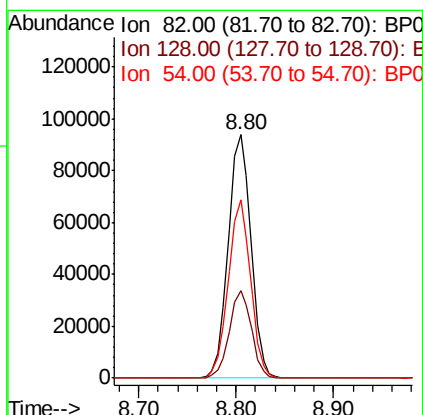
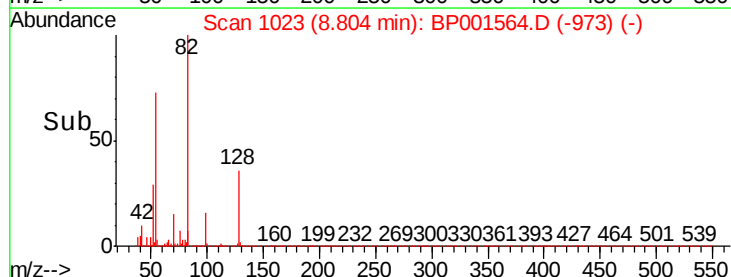
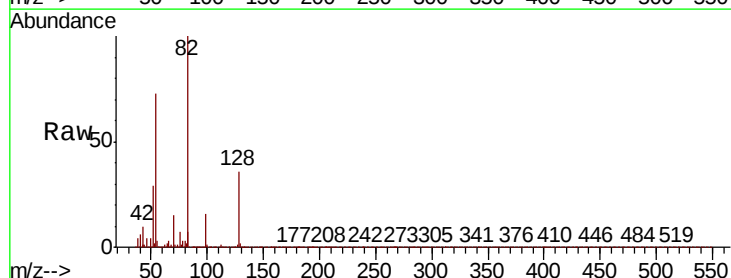
Instrument :
BNA_P
ClientSampleId :
SB-3H-(8.5-10.5)

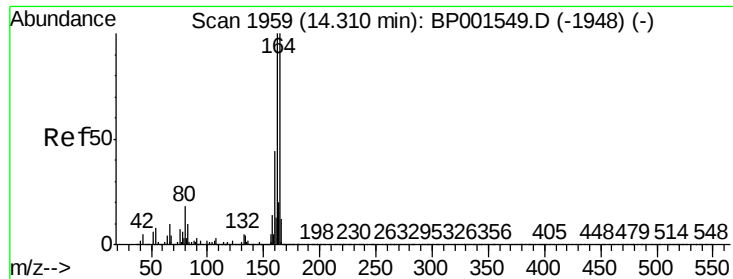
Tot Ion:136	Resp:	96848
Ion Ratio	Lower	Upper
136	100	
137	11.6	8.6 12.8
54	12.2	9.2 13.8
68	5.1	4.1 6.1



#23
Nitrobenzene-d5
Concen: 68.861 ng
RT: 8.80 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BP001564.D
Acq: 08 Jan 2020 21:59

Tgt Ion: 82	Resp:	152618
Ion Ratio	Lower	Upper
82	100	
128	35.9	28.4 42.6
54	73.0	53.4 80.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BP001564.D

Acq: 08 Jan 2020 21:59

Instrument :

BNA_P

ClientSampleId :

SB-3H-(8.5-10.5)

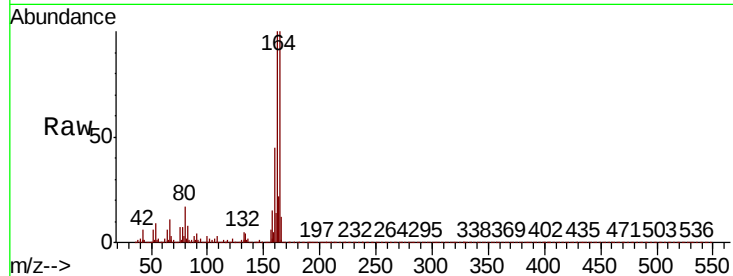
Tot Ion:164 Resp: 78587

Ion Ratio Lower Upper

164 100

162 100.1 79.8 119.6

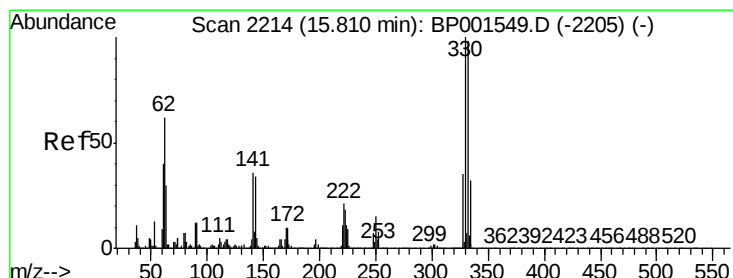
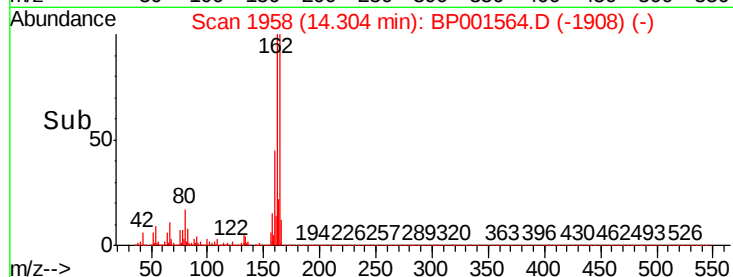
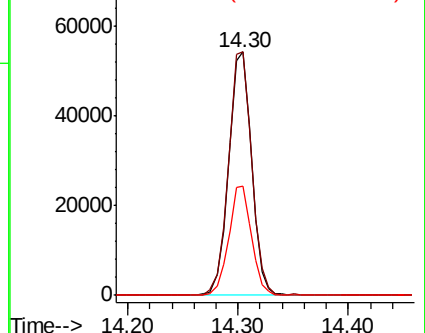
160 44.9 35.0 52.6



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: 22.244 ng

RT: 15.80 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BP001564.D

Acq: 08 Jan 2020 21:59

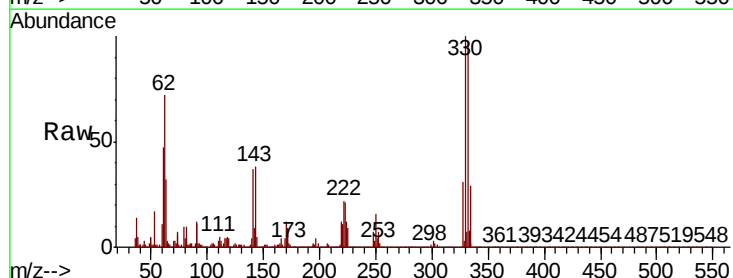
Tgt Ion:330 Resp: 26609

Ion Ratio Lower Upper

330 100

332 94.0 77.8 116.6

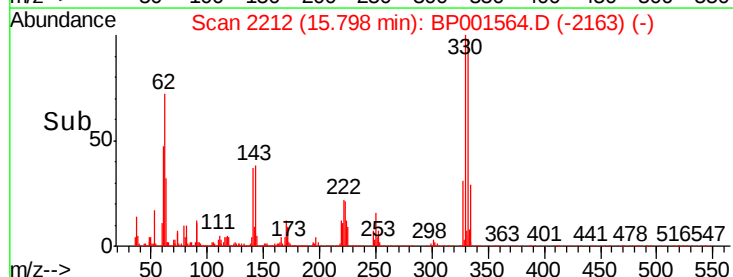
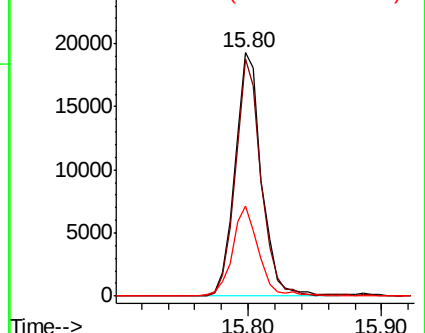
141 37.1 28.7 43.1

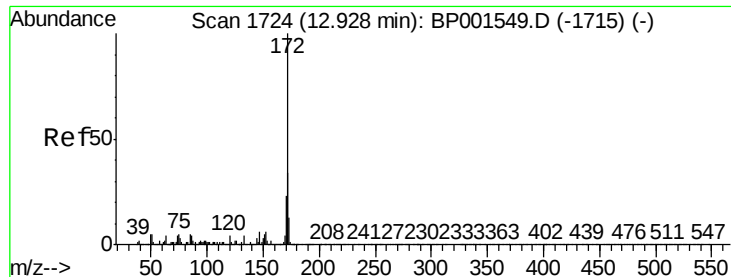


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

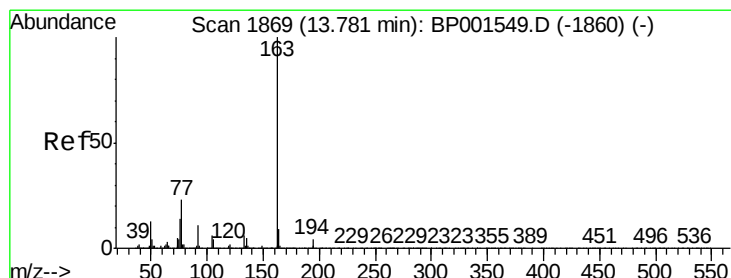
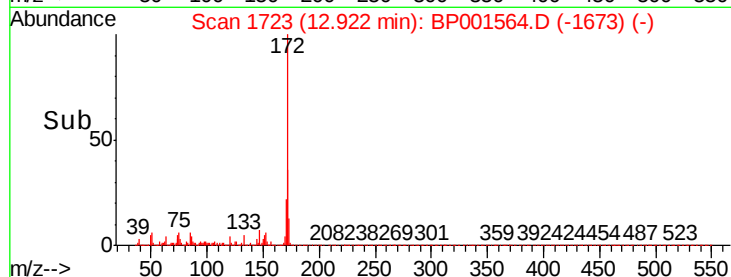
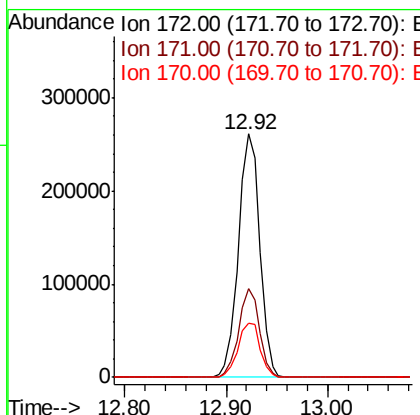
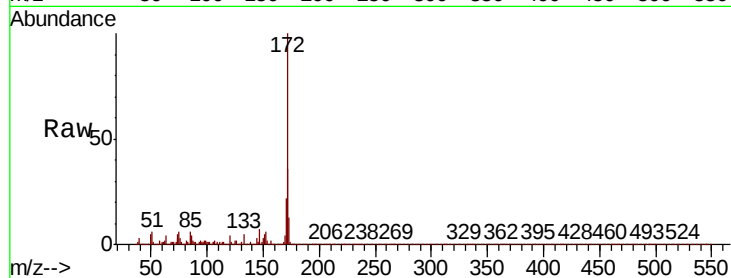




#45
2-Fluorobiphenyl
Concen: 71.519 ng
RT: 12.92 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BP001564.D
Acq: 08 Jan 2020 21:59

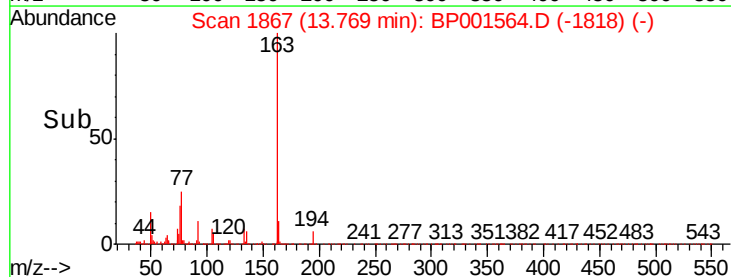
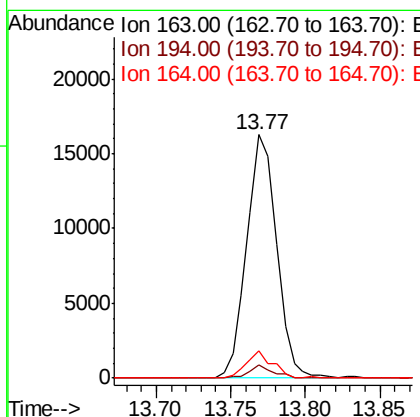
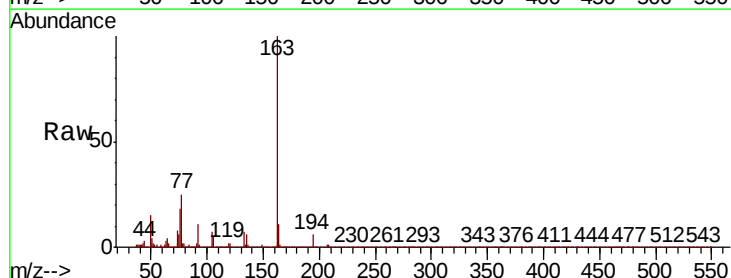
Instrument :
BNA_P
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SB-3H-(8.5-10.5)

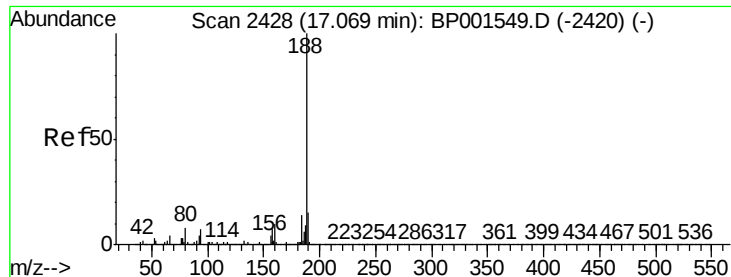
Tot Ion:172 Resp: 382273
Ion Ratio Lower Upper
172 100
171 36.2 27.6 41.4
170 22.1 18.3 27.5



#50
Dimethylphthalate
Concen: 3.496 ng
RT: 13.77 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BP001564.D
Acq: 08 Jan 2020 21:59

Tgt Ion:163 Resp: 22632
Ion Ratio Lower Upper
163 100
194 5.6 3.6 5.4#
164 11.0 7.5 11.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2427

Delta R.T. -0.01 min

Lab File: BP001564.D

Acq: 08 Jan 2020 21:59

Instrument :

BNA_P

ClientSampleId :

SB-3H-(8.5-10.5)

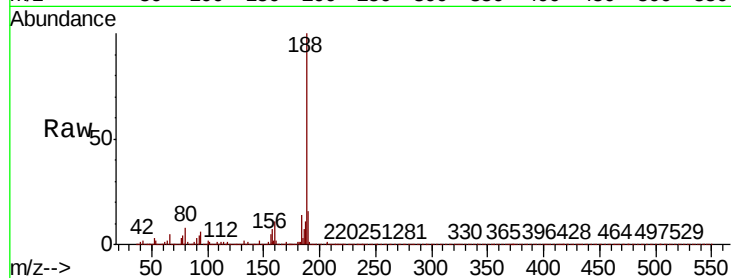
Tot Ion:188 Resp: 205887

Ion Ratio Lower Upper

188 100

94 6.4 5.9 8.9

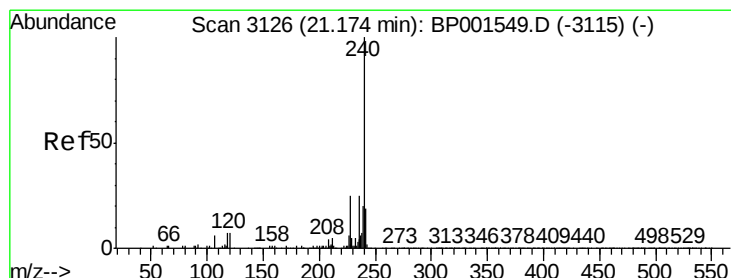
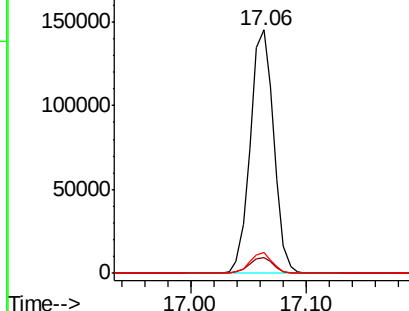
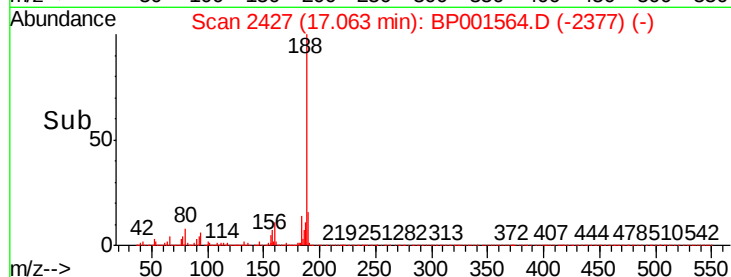
80 8.4 6.8 10.2



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: 21.16 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BP001564.D

Acq: 08 Jan 2020 21:59

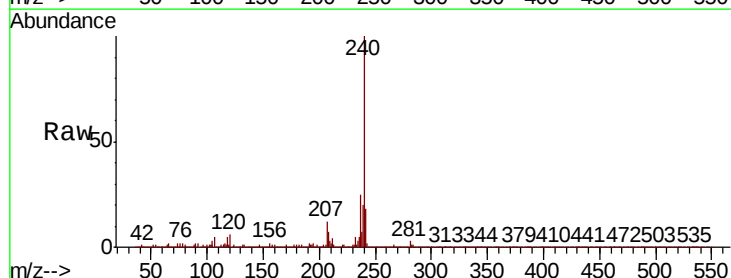
Tgt Ion:240 Resp: 223259

Ion Ratio Lower Upper

240 100

120 6.1 5.7 8.5

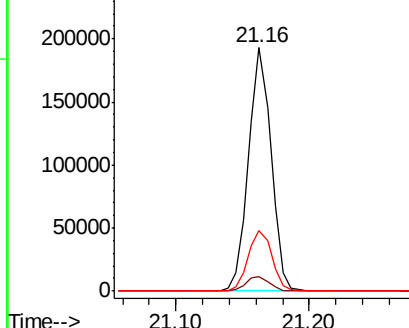
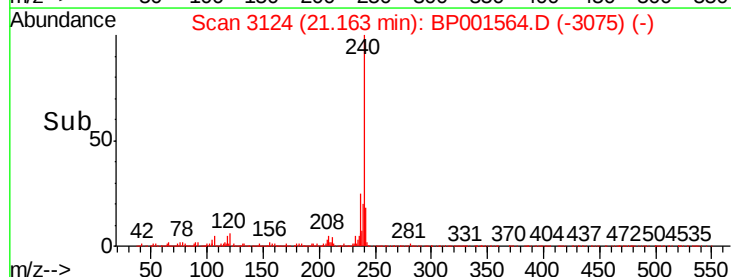
236 25.0 20.4 30.6

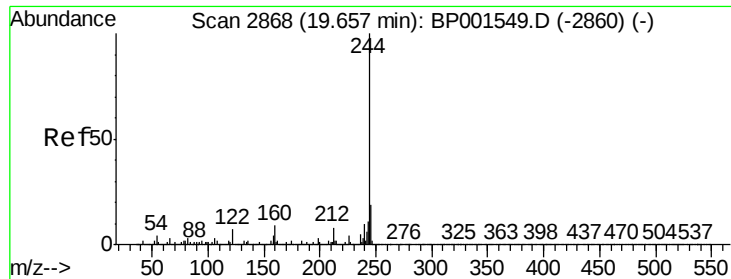


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 66.642 ng

RT: 19.65 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BP001564.D

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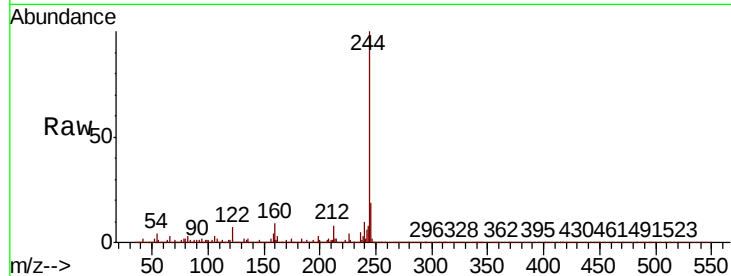
Tot Ion:244 Resp: 813455

Ion Ratio Lower Upper

244 100

212 8.4 6.3 9.5

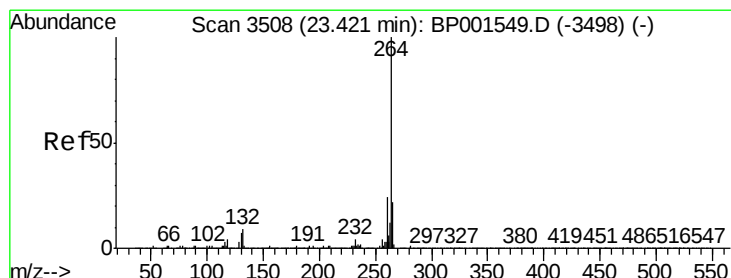
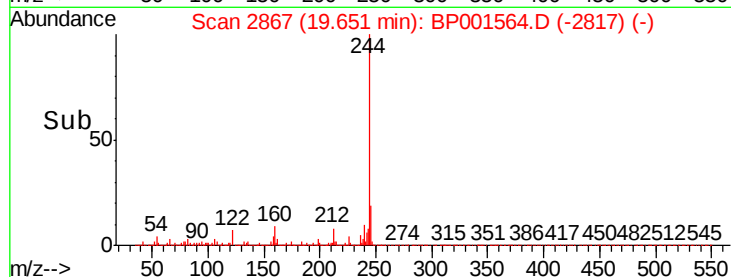
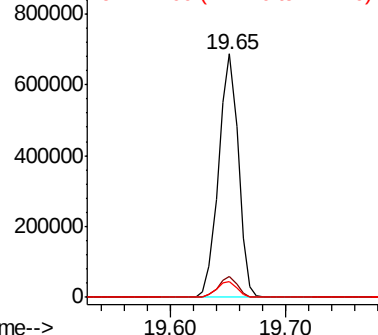
122 6.7 5.8 8.6



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: 23.40 min Scan# 3505

Delta R.T. -0.02 min

Lab File: BP001564.D

Acq: 08 Jan 2020 21:59

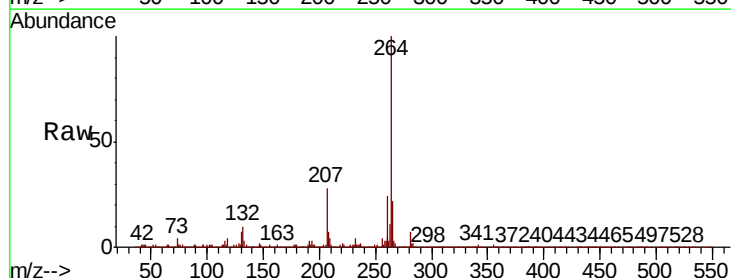
Tgt Ion:264 Resp: 227708

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.6

265 21.6 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

