

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
 Data File : BP001184.D
 Acq On : 04 Dec 2019 07:08
 Operator : JU
 Sample : K6019-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BUS-SUPPORT-3/5

Quant Time: Dec 04 08:46:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 17:38:46 2019
 Response via : Initial Calibration

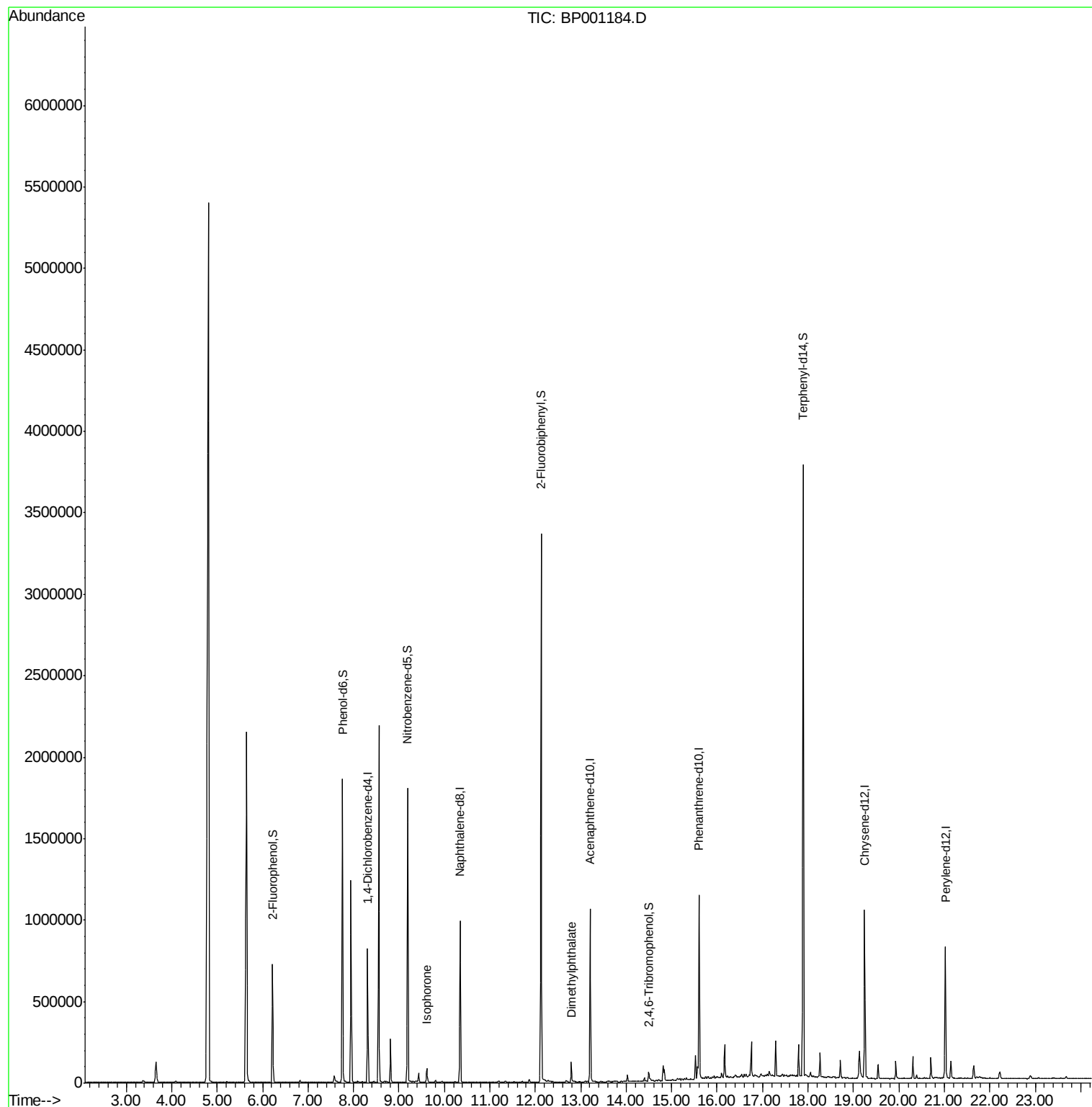
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	138739	20.00	ng	-0.02
21) Naphthalene-d8	10.35	136	504714	20.00	ng	-0.02
39) Acenaphthene-d10	13.21	164	277834	20.00	ng	-0.02
64) Phenanthrene-d10	15.60	188	519739	20.00	ng	-0.02
76) Chrysene-d12	19.25	240	403974	20.00	ng	-0.02
87) Perylene-d12	21.02	264	426847	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	225794	27.00	ng	-0.01
7) Phenol-d6	7.76	99	715054	64.18	ng	-0.01
23) Nitrobenzene-d5	9.19	82	783218	67.33	ng	-0.02
42) 2,4,6-Tribromophenol	14.50	330	8882	3.34	ng	-0.02
45) 2-Fluorobiphenyl	12.13	172	1278777	67.36	ng	-0.02
79) Terphenyl-d14	17.89	244	1446664	66.25	ng	-0.02
Target Compounds						
25) Isophorone	9.61	82	41865	2.007	ng	99
50) Dimethylphthalate	12.79	163	61719	2.970	ng	# 99

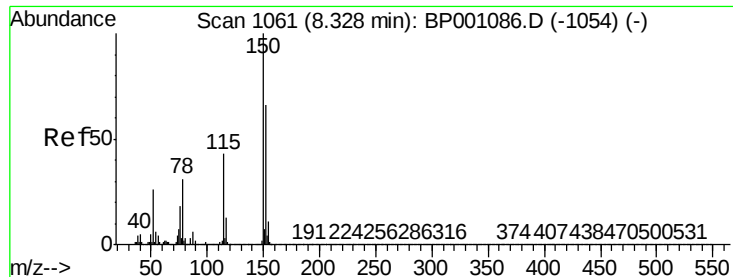
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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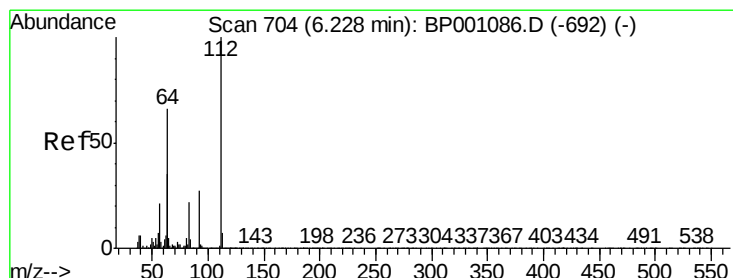
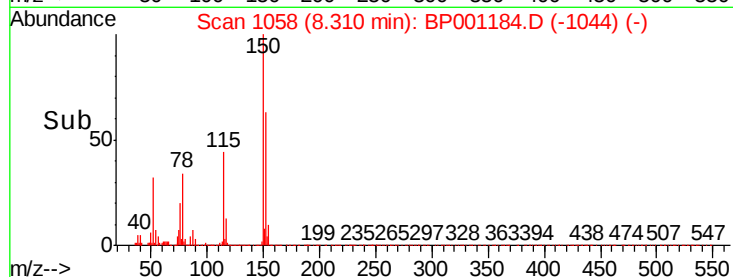
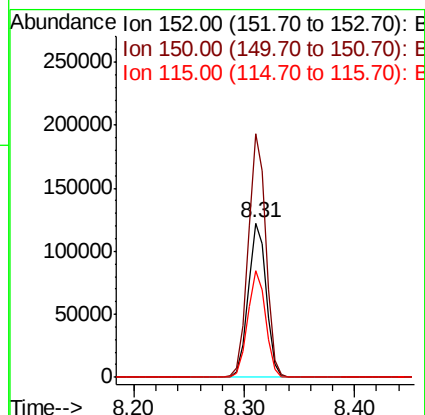
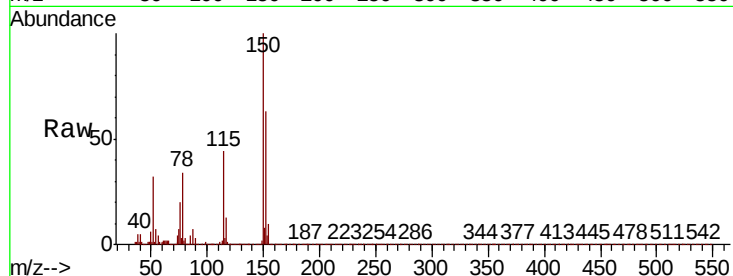




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.31 min Scan# 1058
 Delta R.T. -0.02 min
 Lab File: BP001184.D
 Acq: 04 Dec 2019 07:08

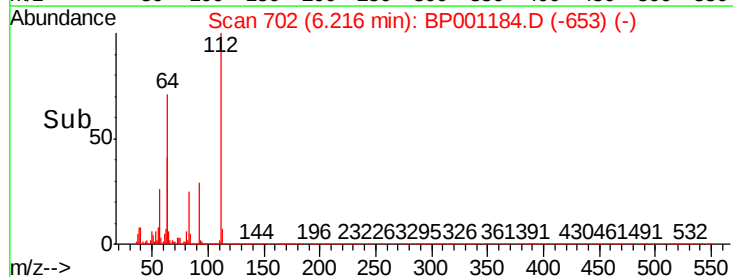
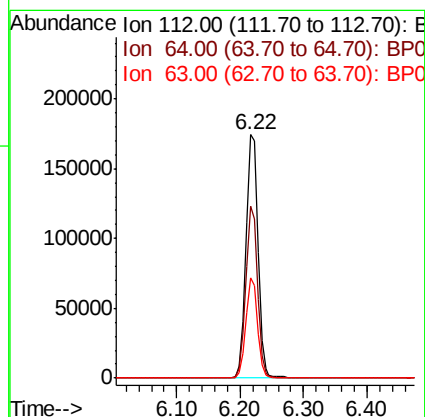
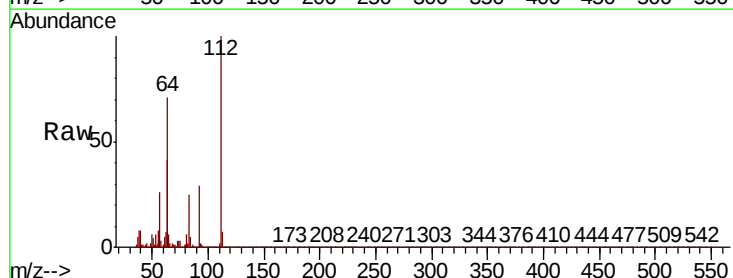
Instrument :
 BNA_P
 ClientSampleId :
 BUS-SUPPORT-3/5

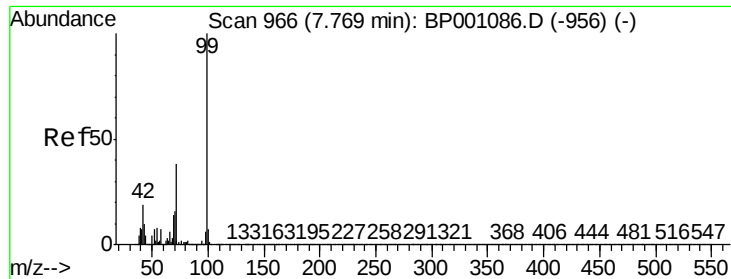
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	120.6	181.0
115	68.9	51.6	77.4



#5
 2-Fluorophenol
 Concen: 27.001 ng
 RT: 6.22 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: BP001184.D
 Acq: 04 Dec 2019 07:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.9	52.8	79.2
63	41.0	28.2	42.2





#7

Phenol-d6

Concen: 64.183 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001184.D

Acq: 04 Dec 2019 07:08

Instrument :

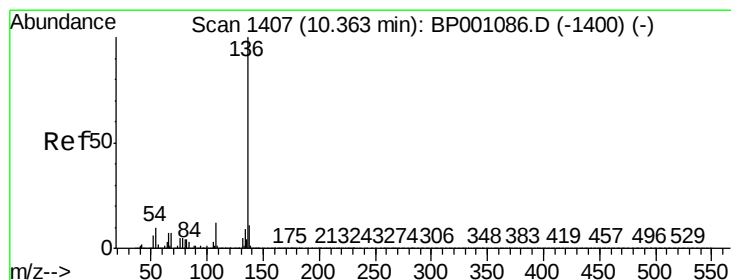
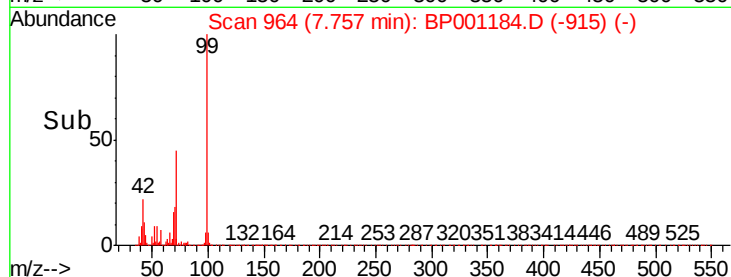
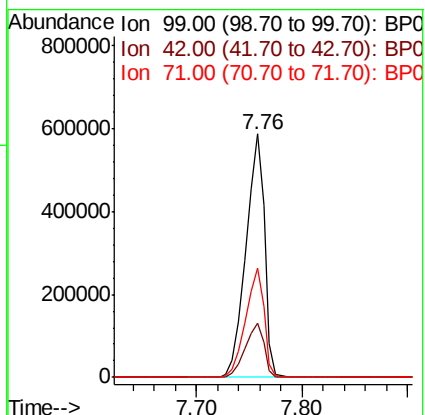
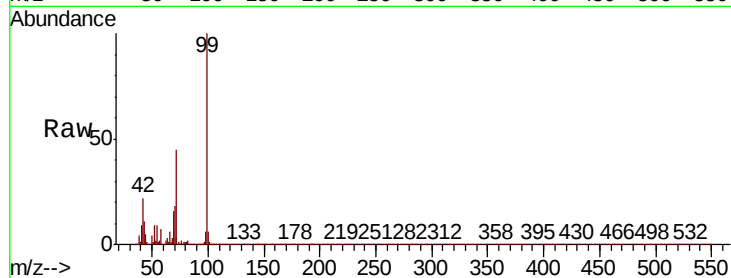
BNA_P

ClientSampleId :

BUS-SUPPORT-3/5

Tot Ion: 99 Resp: 715054

Ion	Ratio	Lower	Upper
99	100		
42	22.2	15.4	23.0
71	44.7	30.8	46.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1404

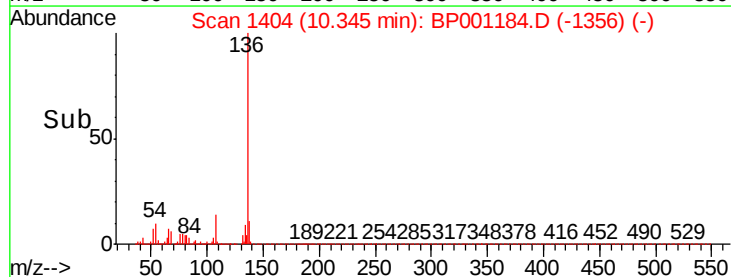
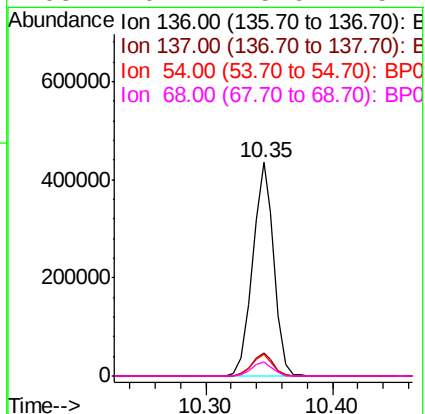
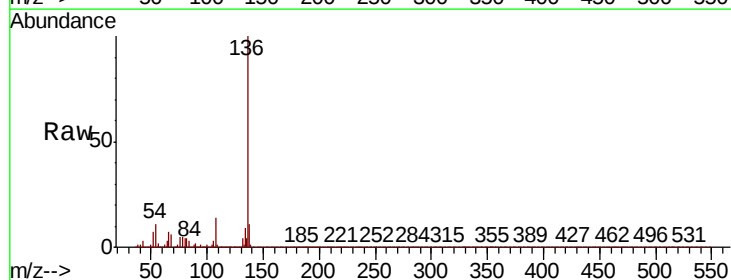
Delta R.T. -0.02 min

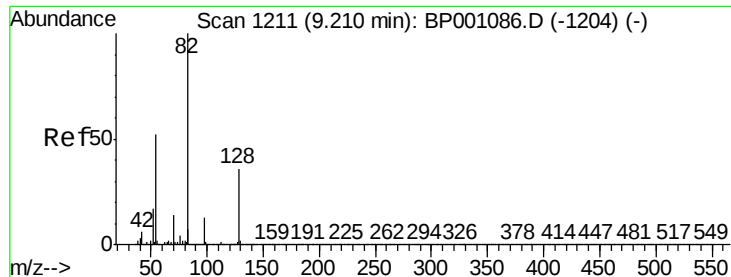
Lab File: BP001184.D

Acq: 04 Dec 2019 07:08

Tgt Ion: 136 Resp: 504714

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	10.5	7.9	11.9
68	6.4	5.6	8.4

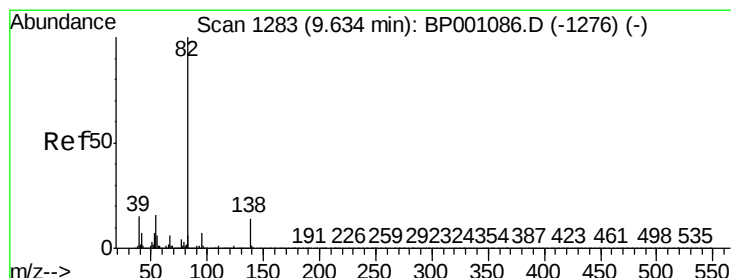
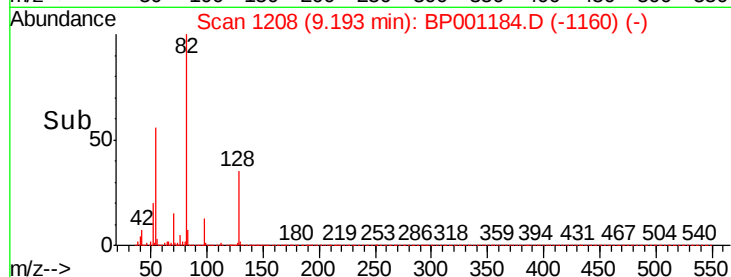
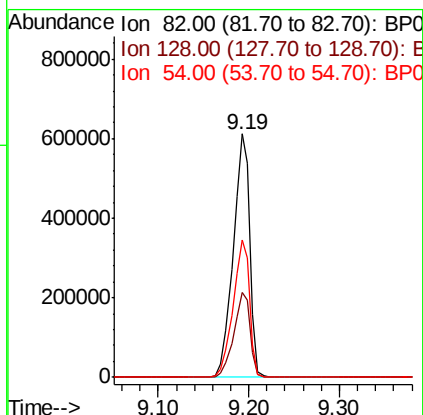
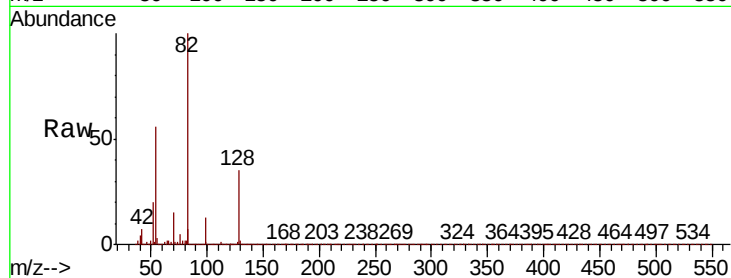




#23
Nitrobenzene-d5
Concen: 67.326 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BP001184.D
Acq: 04 Dec 2019 07:08

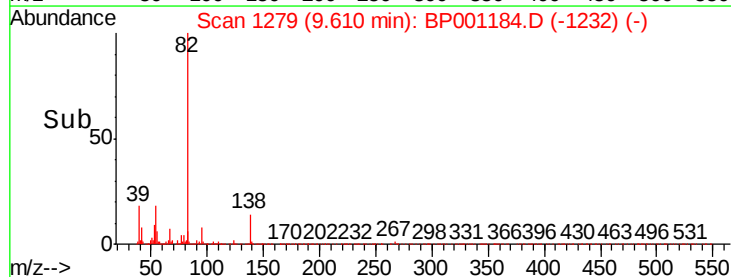
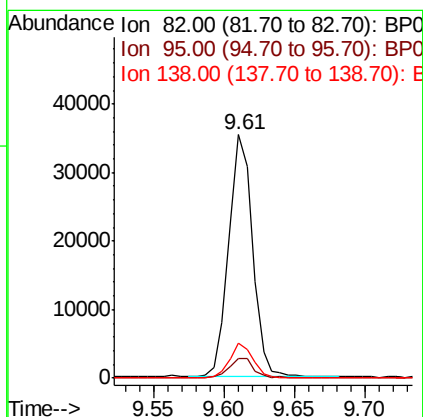
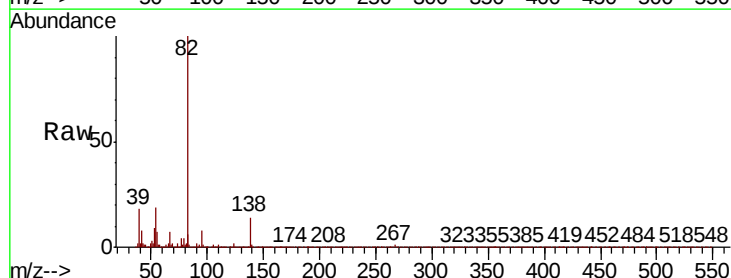
Instrument :
BNA_P
ClientSampleId :
BUS-SUPPORT-3/5

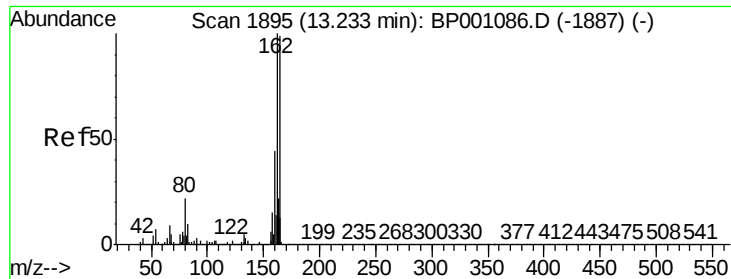
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.7	28.9	43.3
54	56.3	41.9	62.9



#25
Isophorone
Concen: 2.007 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BP001184.D
Acq: 04 Dec 2019 07:08

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.0	5.7	8.5
138	14.2	11.3	16.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.21 min Scan# 1891

Delta R.T. -0.02 min

Lab File: BP001184.D

Acq: 04 Dec 2019 07:08

Instrument :

BNA_P

ClientSampleId :

BUS-SUPPORT-3/5

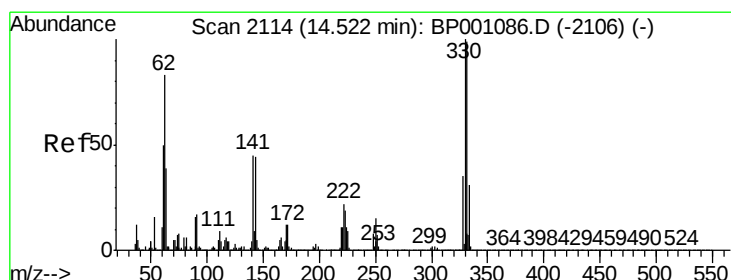
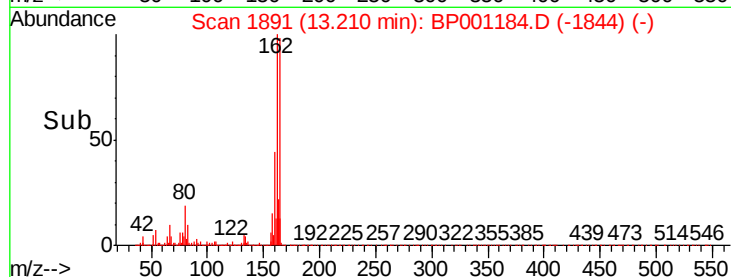
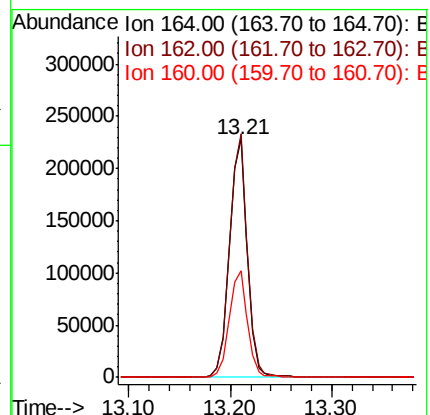
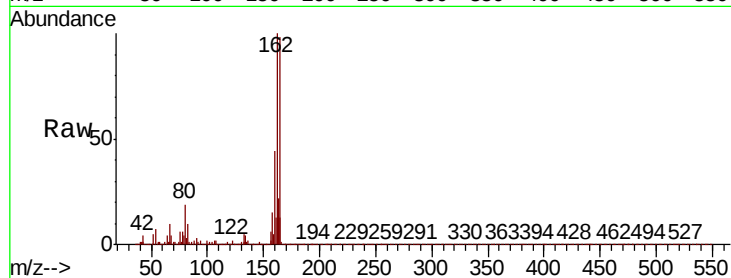
Tot Ion:164 Resp: 277834

Ion Ratio Lower Upper

164 100

162 102.2 80.6 120.8

160 44.8 35.4 53.2



#42

2,4,6-Tribromophenol

Concen: 3.335 ng

RT: 14.50 min Scan# 2110

Delta R.T. -0.02 min

Lab File: BP001184.D

Acq: 04 Dec 2019 07:08

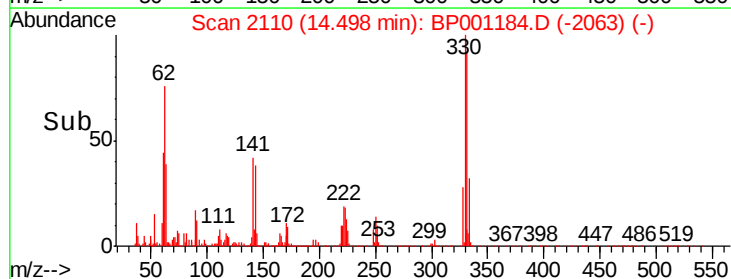
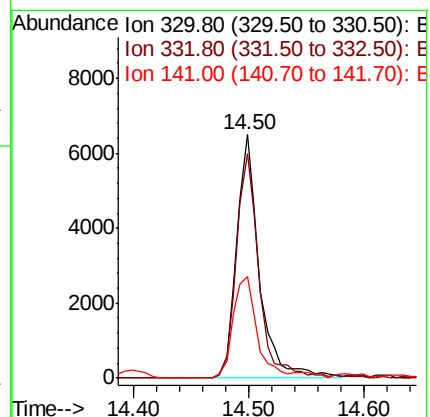
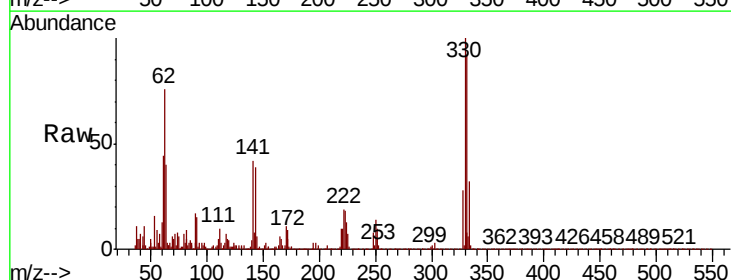
Tgt Ion:330 Resp: 8882

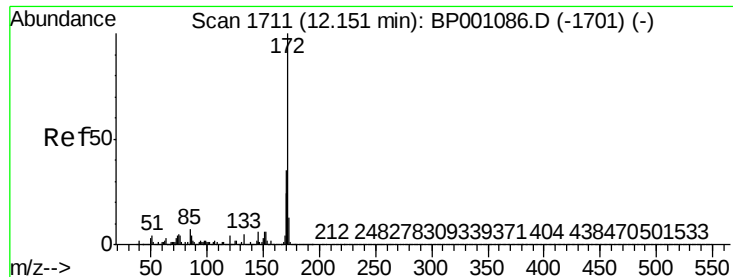
Ion Ratio Lower Upper

330 100

332 92.7 77.6 116.4

141 42.8 34.2 51.2

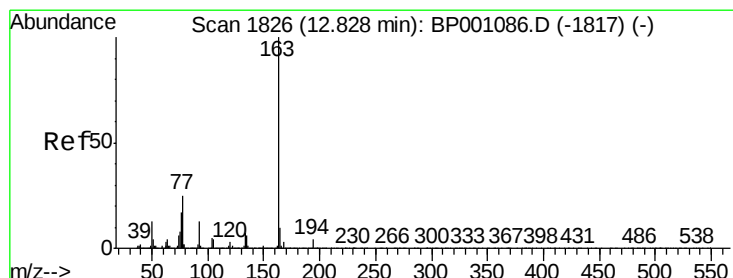
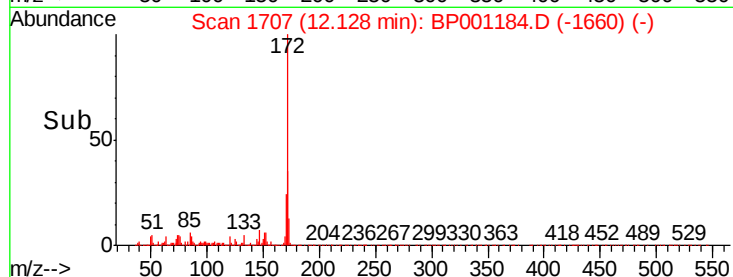
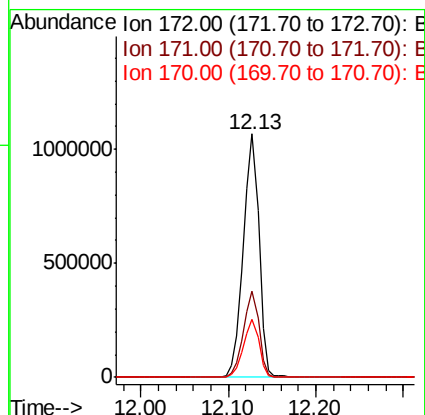
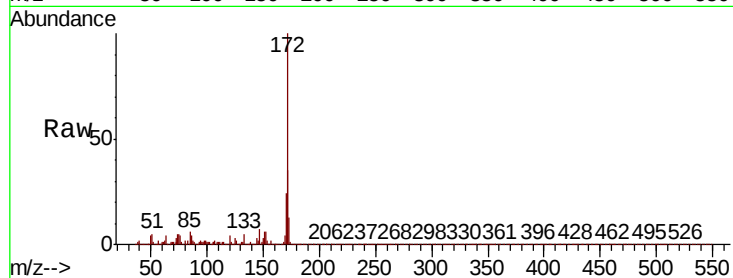




#45
2-Fluorobiphenyl
Concen: 67.363 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.02 min
Lab File: BP001184.D
Acq: 04 Dec 2019 07:08

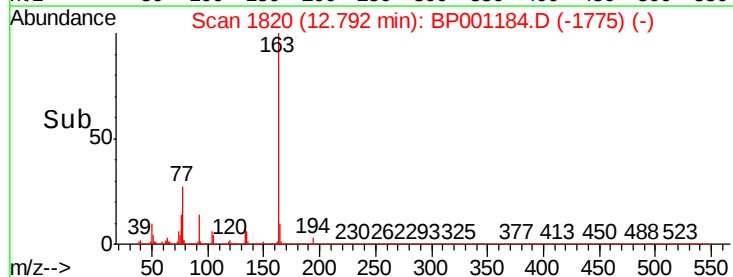
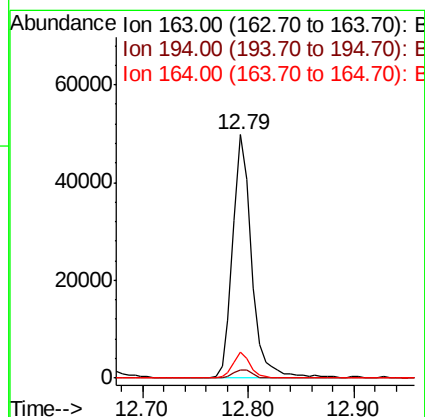
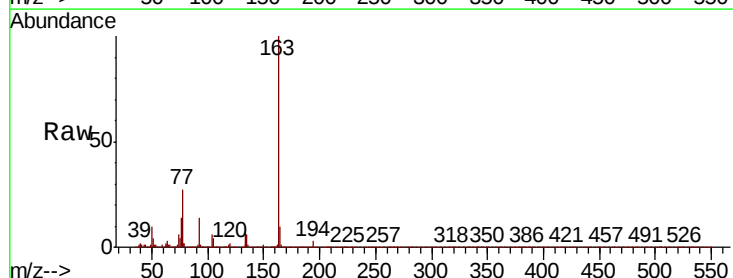
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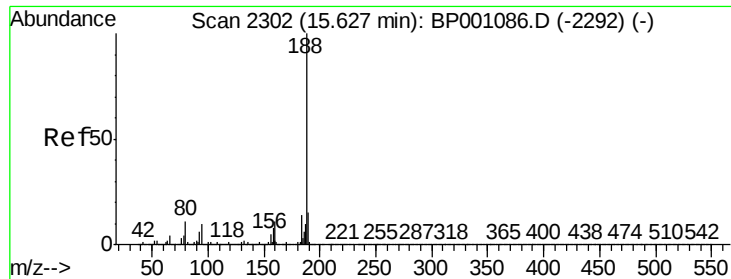
Tot Ion:172 Resp: 1278777
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.8 19.0 28.4



#50
Dimethylphthalate
Concen: 2.970 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.04 min
Lab File: BP001184.D
Acq: 04 Dec 2019 07:08

Tgt Ion:163 Resp: 61719
Ion Ratio Lower Upper
163 100
194 3.1 3.1 4.7#
164 10.5 8.1 12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.60 min Scan# 2298

Delta R.T. -0.02 min

Lab File: BP001184.D

Acq: 04 Dec 2019 07:08

Instrument :

BNA_P

ClientSampleId :

BUS-SUPPORT-3/5

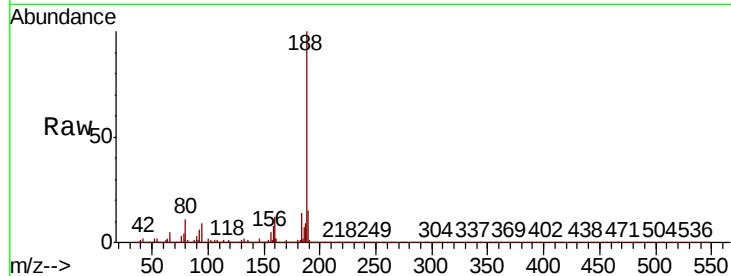
Tot Ion:188 Resp: 519739

Ion Ratio Lower Upper

188 100

94 9.5 7.9 11.9

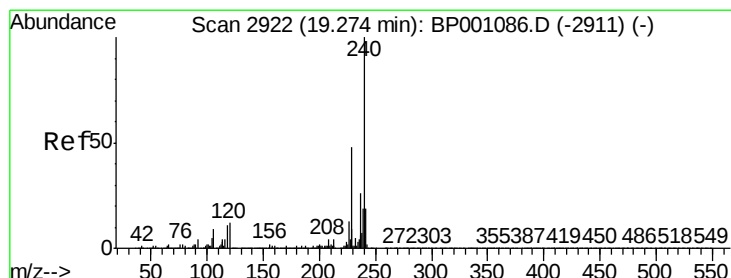
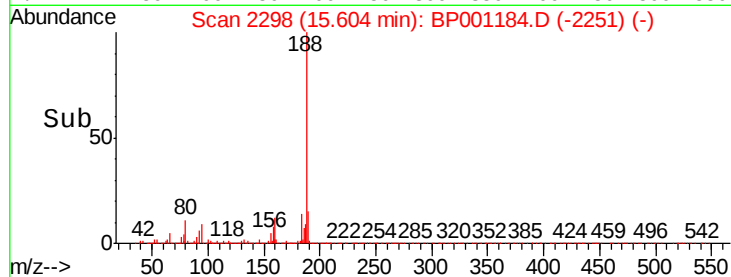
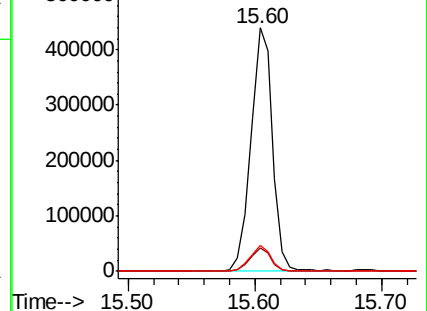
80 10.7 8.8 13.2



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: 19.25 min Scan# 2918

Delta R.T. -0.02 min

Lab File: BP001184.D

Acq: 04 Dec 2019 07:08

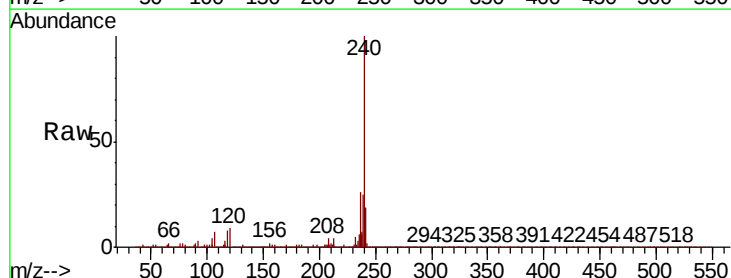
Tgt Ion:240 Resp: 403974

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

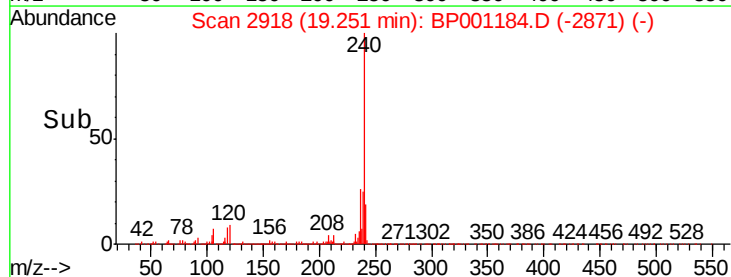
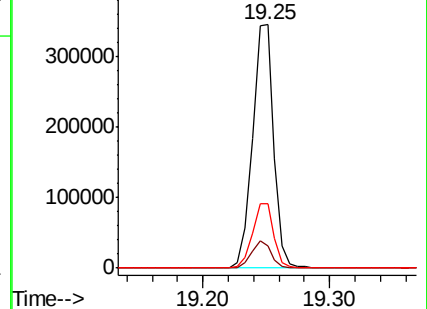
236 26.3 20.4 30.6

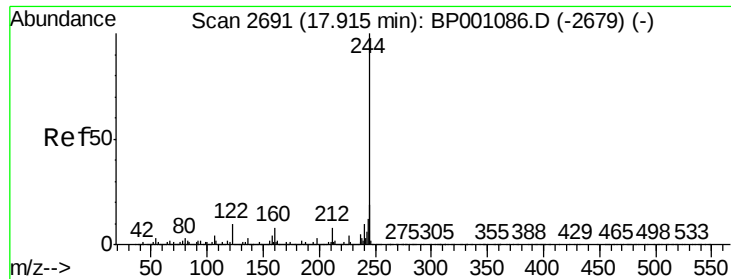


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 66.253 ng

RT: 17.89 min Scan# 2687

Delta R.T. -0.02 min

Lab File: BP001184.D

Acq: 04 Dec 2019 07:08

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BUS-SUPPORT-3/5

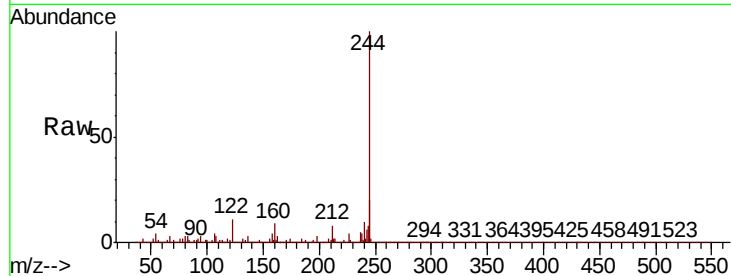
Tot Ion:244 Resp: 1446664

Ion Ratio Lower Upper

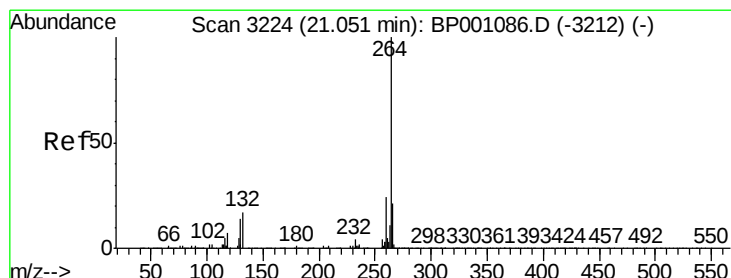
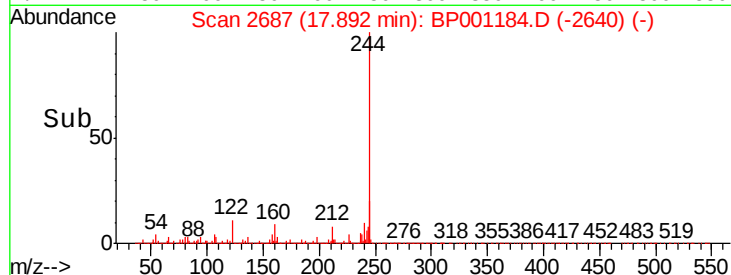
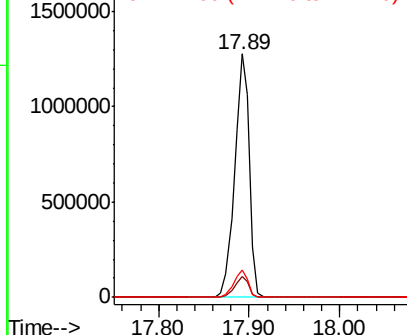
244 100

212 8.4 6.2 9.2

122 11.4 8.2 12.2



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: 21.02 min Scan# 3219

Delta R.T. -0.03 min

Lab File: BP001184.D

Acq: 04 Dec 2019 07:08

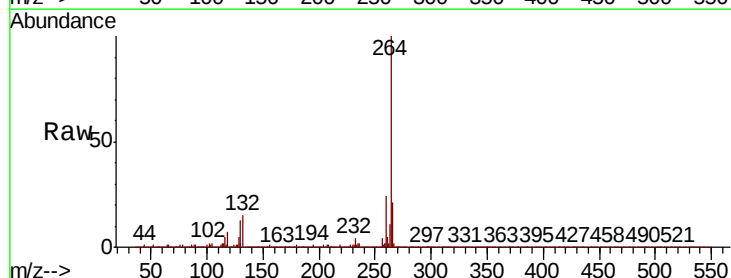
Tgt Ion:264 Resp: 426847

Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

265 20.9 16.9 25.3



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

