

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
 Data File : BP001421.D
 Acq On : 26 Dec 2019 14:56
 Operator : JU
 Sample : PB125701BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 27 03:50:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 16:04:49 2019
 Response via : Initial Calibration

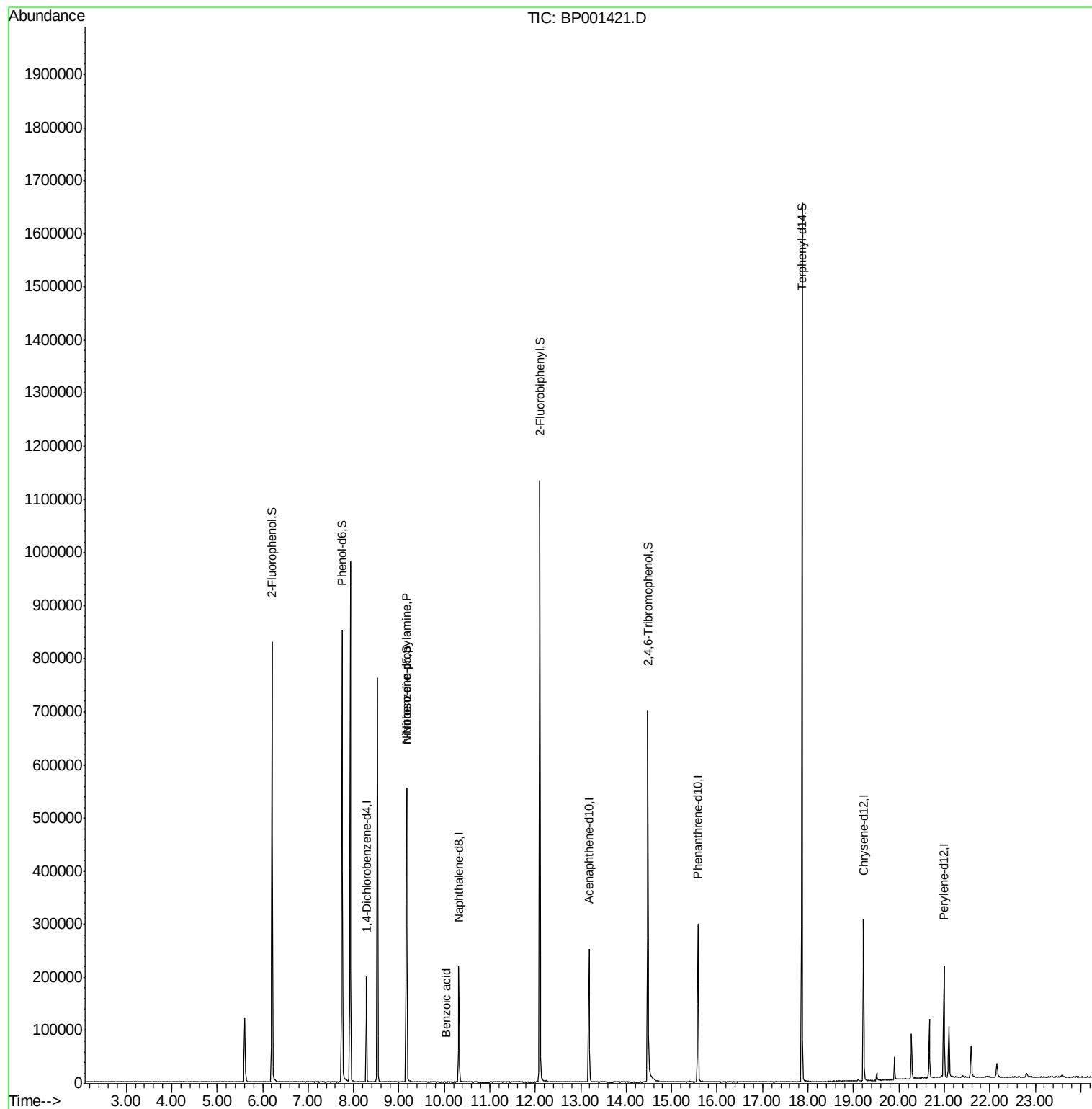
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	33246	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	119561	20.00	ng	0.00
39) Acenaphthene-d10	13.18	164	71538	20.00	ng	0.00
64) Phenanthrene-d10	15.58	188	148987	20.00	ng	0.00
76) Chrysene-d12	19.22	240	115141	20.00	ng	0.00
87) Perylene-d12	20.99	264	112472	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	244396	118.81	ng	0.01
7) Phenol-d6	7.75	99	324971	121.07	ng	0.00
23) Nitrobenzene-d5	9.17	82	223685	71.84	ng	0.00
42) 2,4,6-Tribromophenol	14.47	330	103858	116.12	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	441732	78.08	ng	0.00
79) Terphenyl-d14	17.87	244	616322	91.68	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	33934	17.808	ng	Qvalue # 80
32) Benzoic acid	10.04	122	7	5.028	ng	92

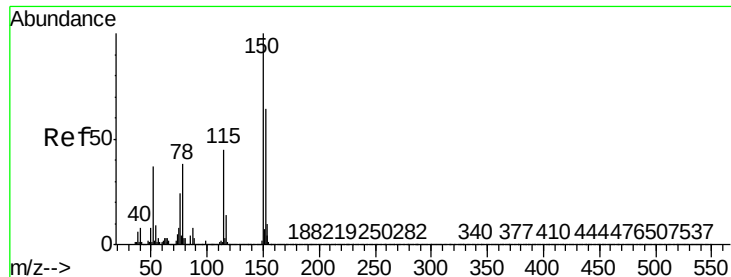
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BP001421.D

Acq: 26 Dec 2019 14:56

Instrument :

BNA_P

ClientSampled :

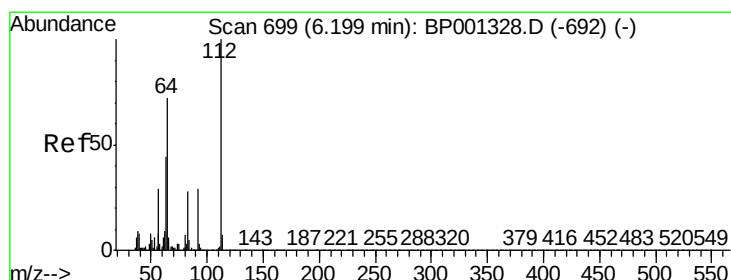
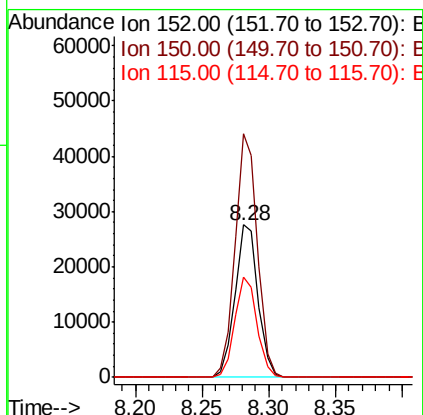
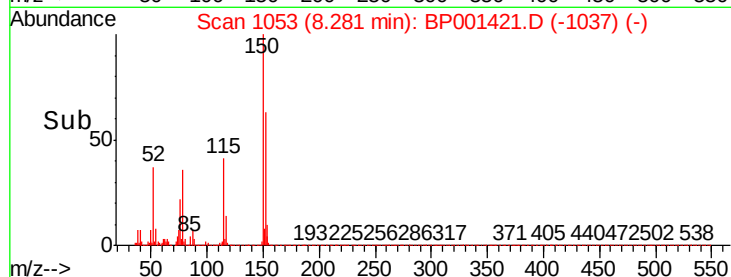
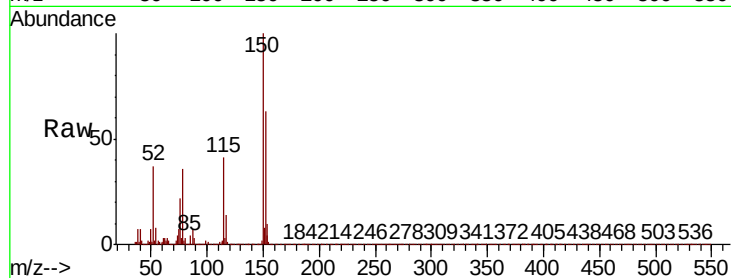
Tot Ion:152 Resp: 33246

Ion Ratio Lower Upper

152 100

150 159.6 127.0 190.6

115 66.1 56.1 84.1



#5

2-Fluorophenol

Concen: 118.808 ng

RT: 6.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BP001421.D

Acq: 26 Dec 2019 14:56

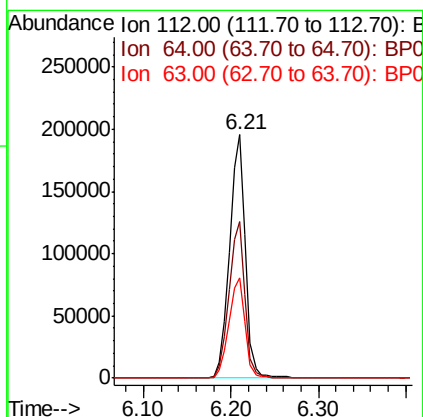
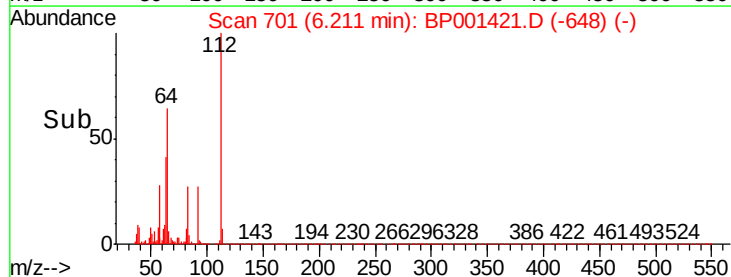
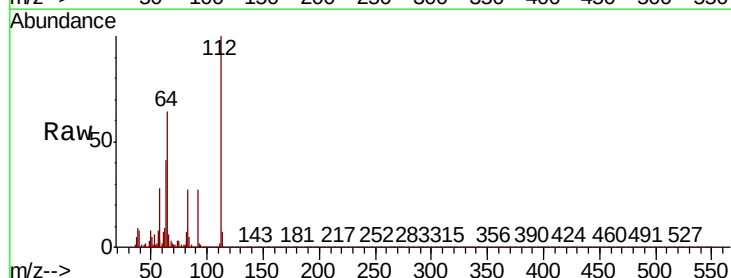
Tgt Ion:112 Resp: 244396

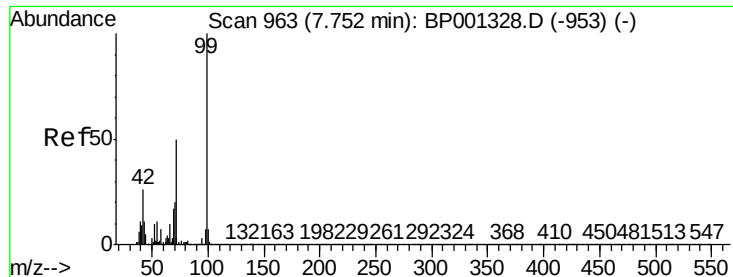
Ion Ratio Lower Upper

112 100

64 64.3 53.9 80.9

63 41.2 33.4 50.0





#7

Phenol-d6

Concen: 121.068 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BP001421.D

Acq: 26 Dec 2019 14:56

Instrument :

BNA_P

ClientSampleId :

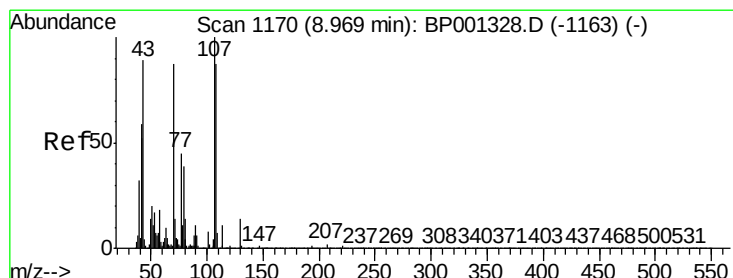
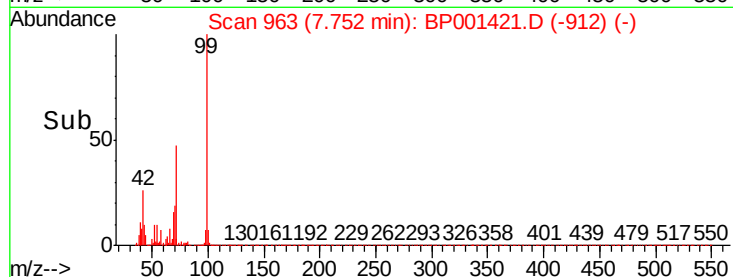
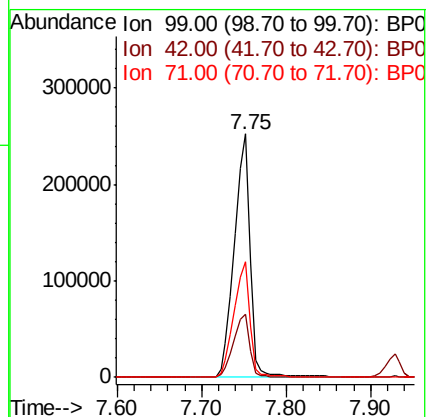
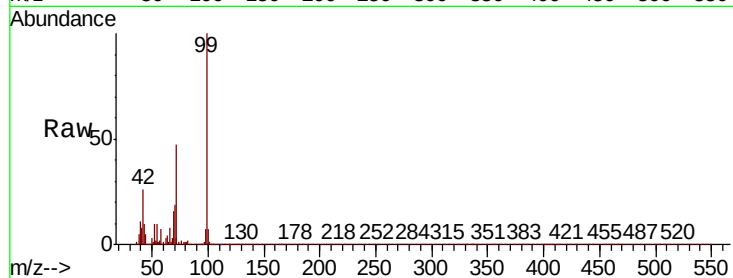
Tot Ion: 99 Resp: 324971

Ion Ratio Lower Upper

99 100

42 26.1 20.8 31.2

71 47.4 38.2 57.4



#19

n-Nitroso-di-n-propylamine

Concen: 17.808 ng

RT: 9.17 min Scan# 1204

Delta R.T. 0.21 min

Lab File: BP001421.D

Acq: 26 Dec 2019 14:56

Tgt Ion: 70 Resp: 33934

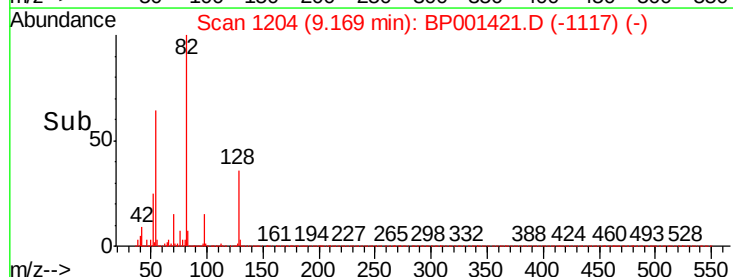
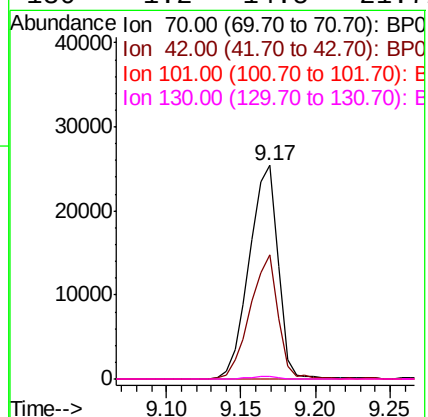
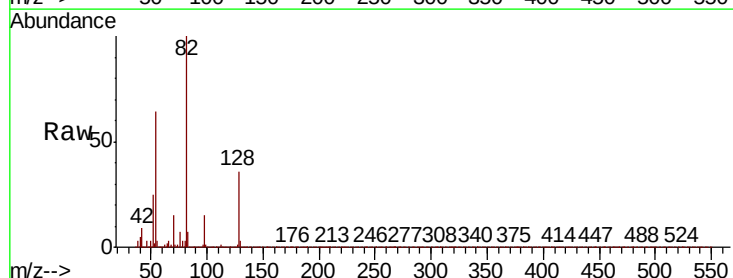
Ion Ratio Lower Upper

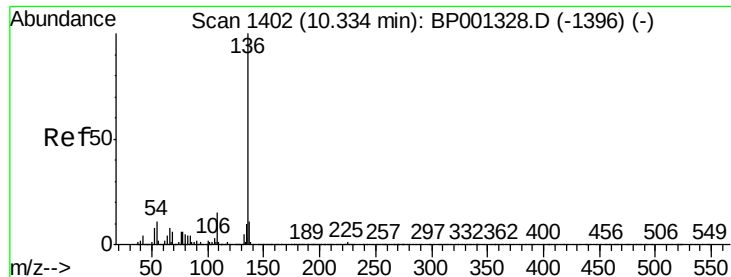
70 100

42 58.2 55.8 83.8

101 0.0 8.2 12.2#

130 1.2 14.5 21.7#

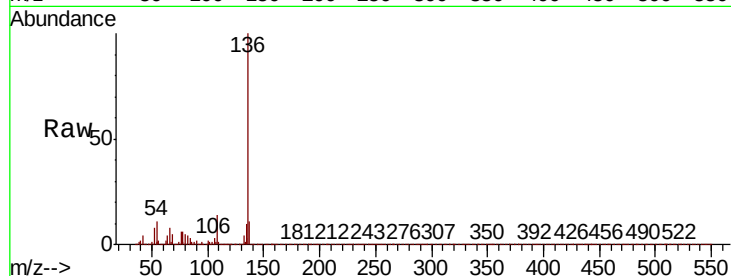




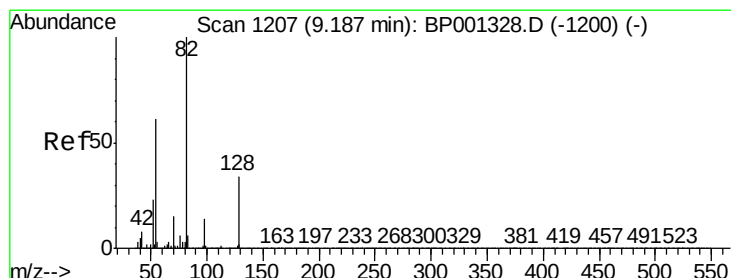
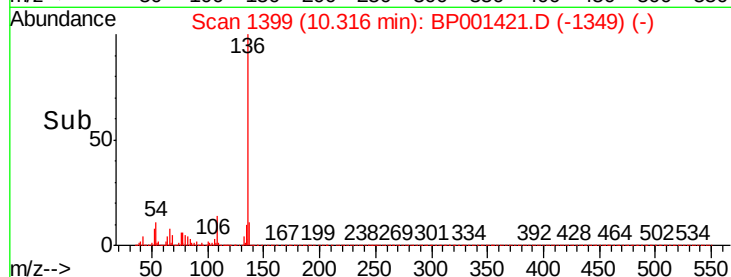
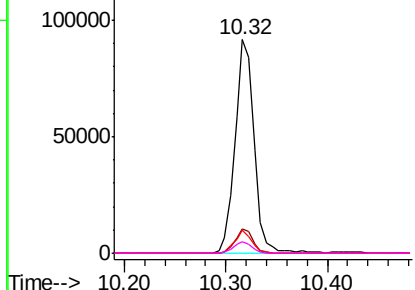
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BP001421.D
Acq: 26 Dec 2019 14:56

Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp:	119561
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.4
54	11.1	7.3 10.9#
68	5.1	3.8 5.6

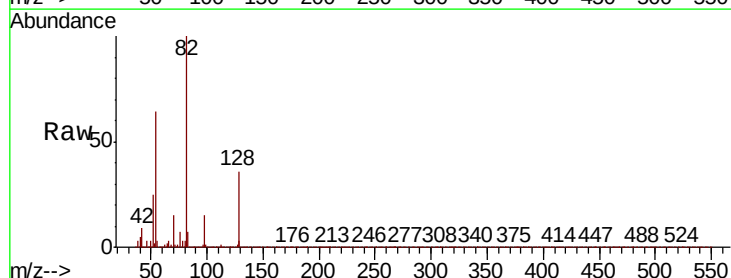


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

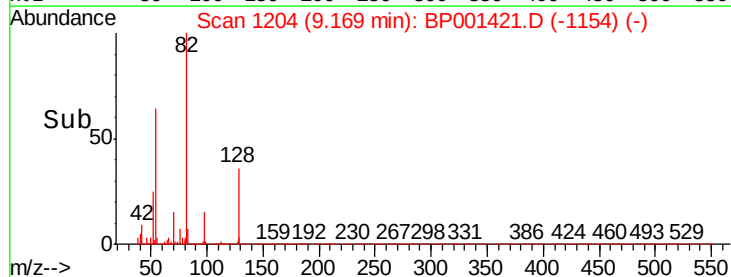
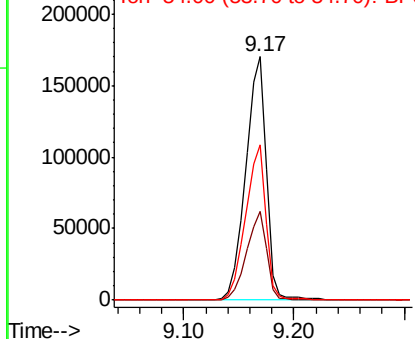


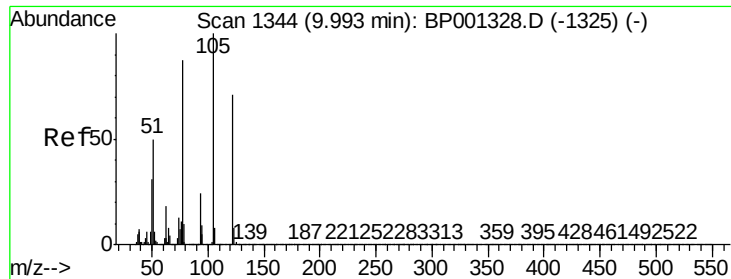
#23
Nitrobenzene-d5
Concen: 71.844 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BP001421.D
Acq: 26 Dec 2019 14:56

Tgt Ion: 82	Resp:	223685
Ion Ratio	Lower	Upper
82	100	
128	36.4	27.4 41.0
54	63.8	47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BP0

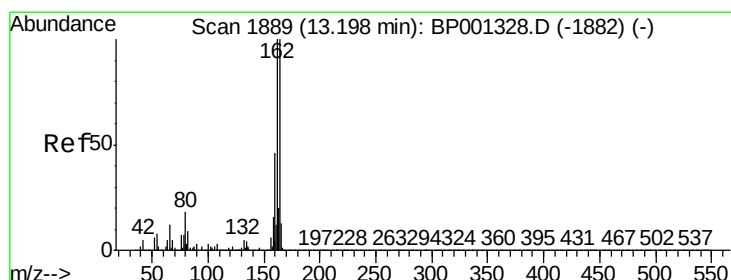
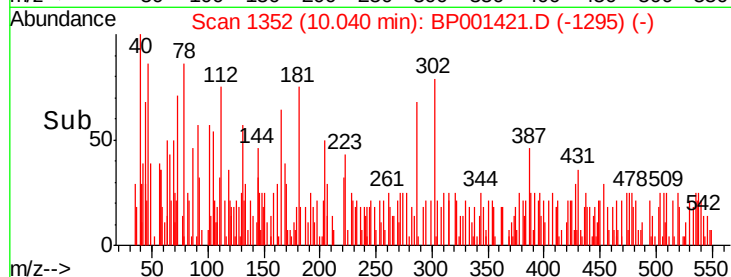
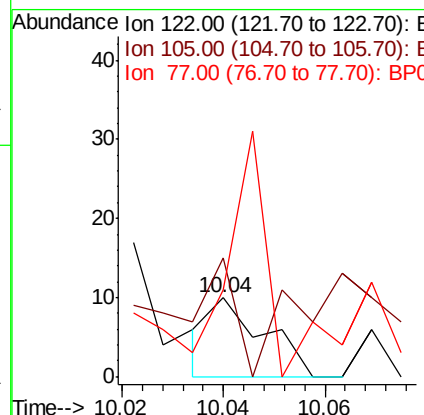
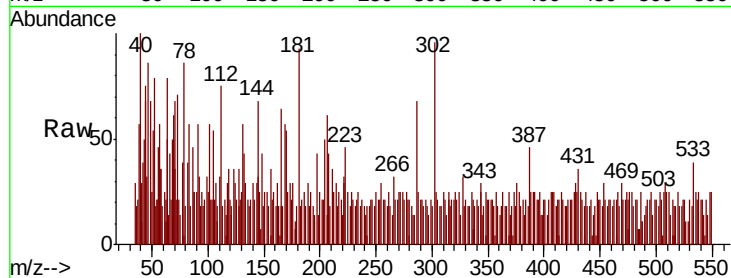




#32
Benzoic acid
Concen: 5.028 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.04 min
Lab File: BP001421.D
Acq: 26 Dec 2019 14:56

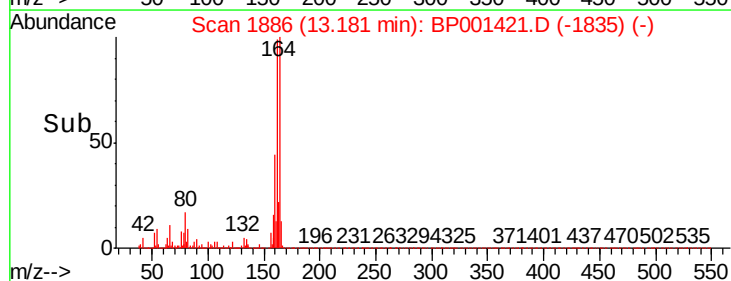
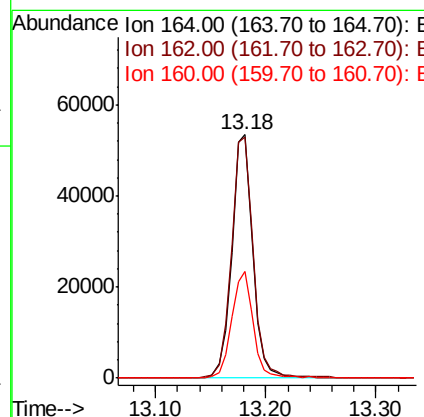
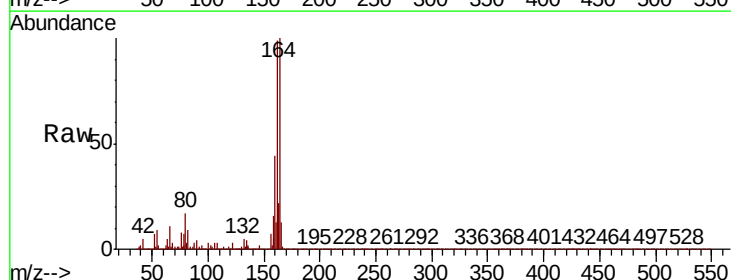
Instrument :
BNA_P
ClientSampleId :

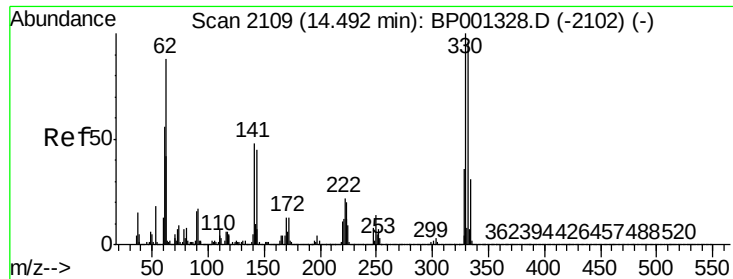
Tot Ion	Ratio	Lower	Upper
122	100		
105	150.0	117.8	157.8
77	110.0	85.6	125.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.18 min Scan# 1886
Delta R.T. 0.00 min
Lab File: BP001421.D
Acq: 26 Dec 2019 14:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.8	78.2	117.4
160	43.6	35.1	52.7

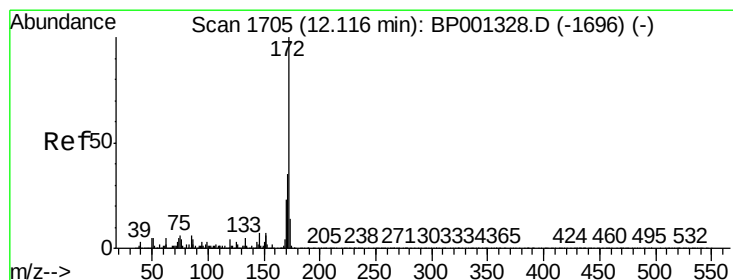
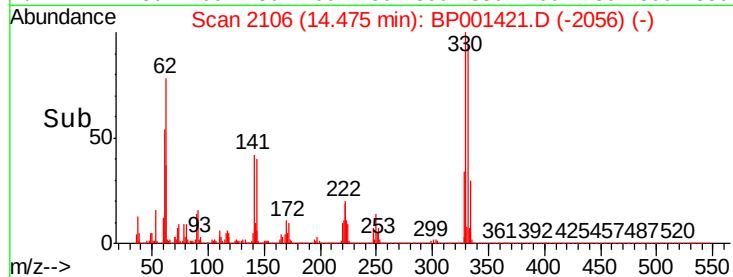
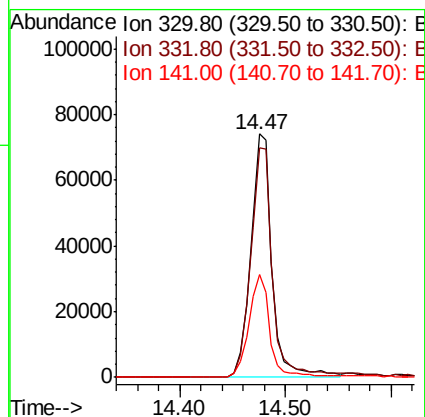
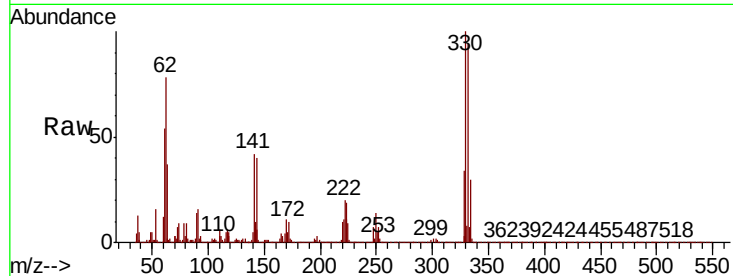




#42
2,4,6-Tribromophenol
Concen: 116.122 ng
RT: 14.47 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BP001421.D
Acq: 26 Dec 2019 14:56

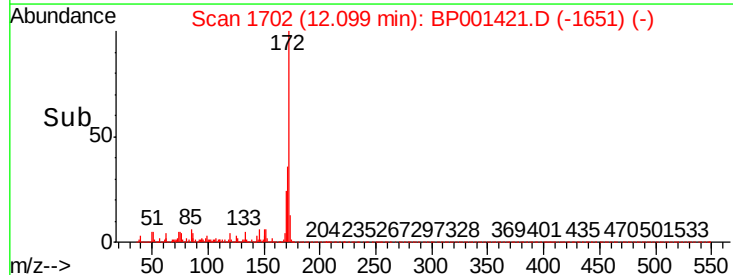
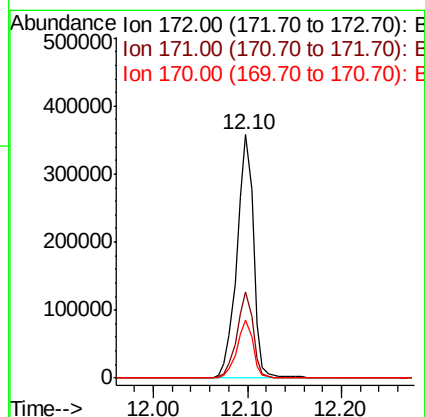
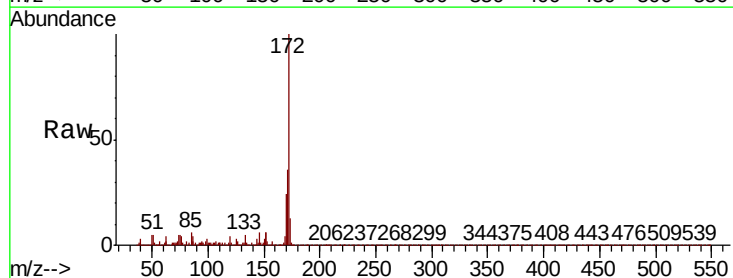
Instrument :
BNA_P
ClientSampled :

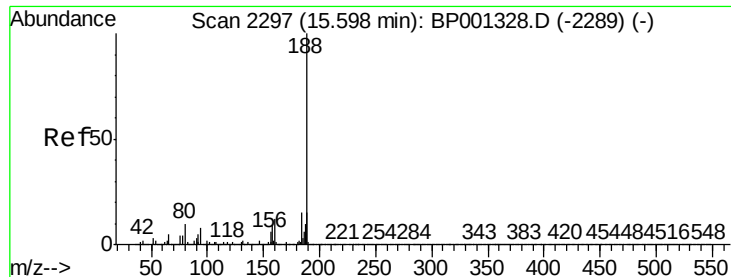
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.3	117.5
141	42.9	26.8	40.2#



#45
2-Fluorobiphenyl
Concen: 78.079 ng
RT: 12.10 min Scan# 1702
Delta R.T. 0.00 min
Lab File: BP001421.D
Acq: 26 Dec 2019 14:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.4	41.0
170	24.0	18.2	27.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.58 min Scan# 2294

Delta R.T. 0.00 min

Lab File: BP001421.D

Acq: 26 Dec 2019 14:56

Instrument :

BNA_P

ClientSampleId :

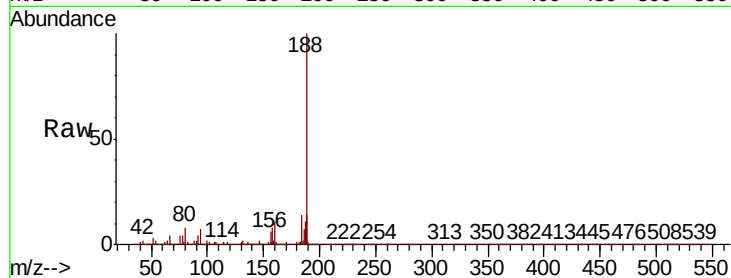
Tot Ion:188 Resp: 148987

Ion Ratio Lower Upper

188 100

94 7.2 5.8 8.8

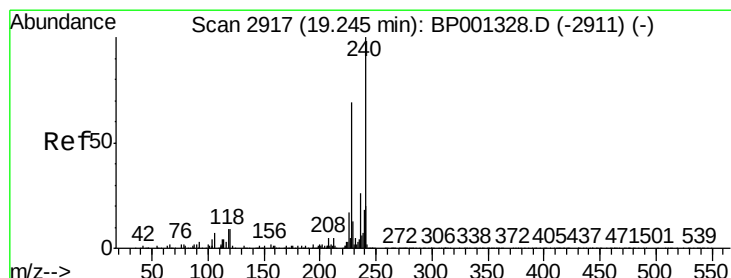
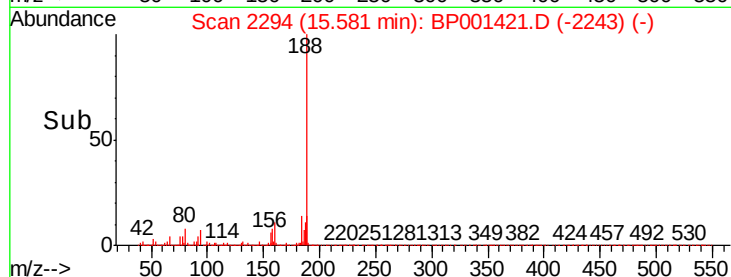
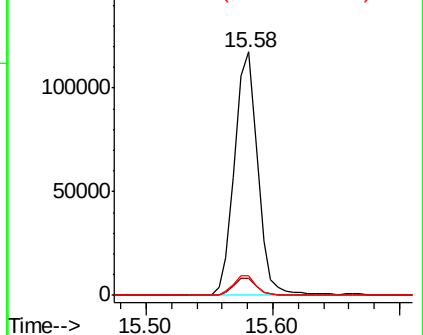
80 7.9 5.7 8.5



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: 19.22 min Scan# 2913

Delta R.T. -0.01 min

Lab File: BP001421.D

Acq: 26 Dec 2019 14:56

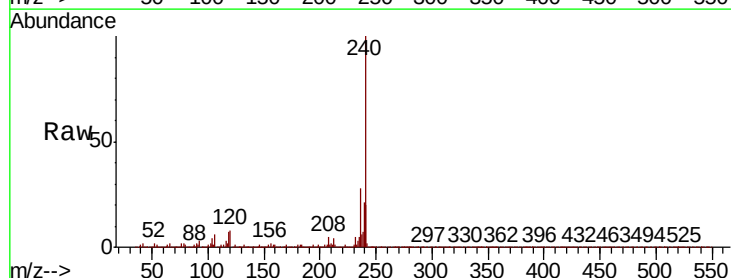
Tgt Ion:240 Resp: 115141

Ion Ratio Lower Upper

240 100

120 8.2 6.2 9.2

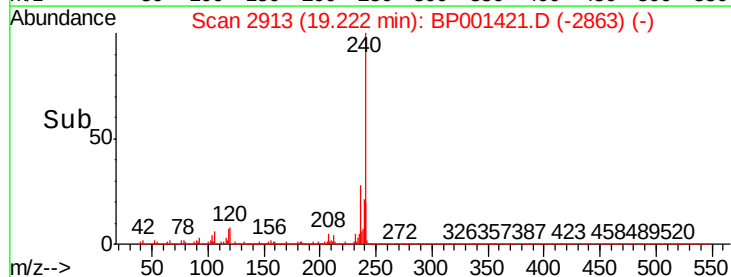
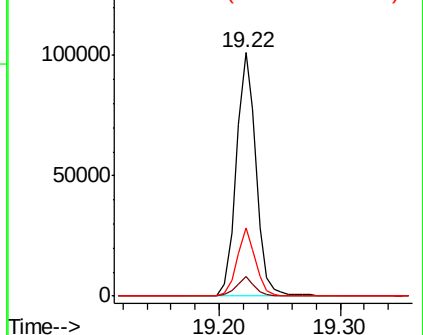
236 27.8 20.2 30.2

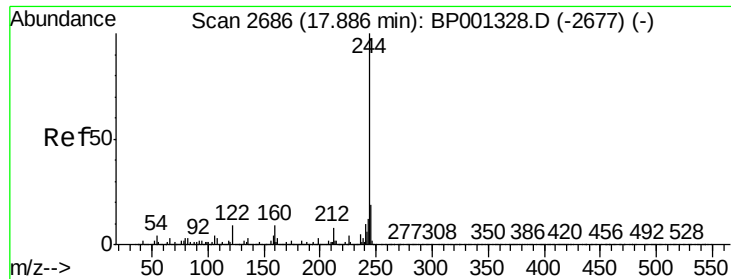


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 91.680 ng

RT: 17.87 min Scan# 2683

Delta R.T. 0.00 min

Lab File: BP001421.D

Acq: 26 Dec 2019 14:56

Instrument :

BNA_P

ClientSampleId :

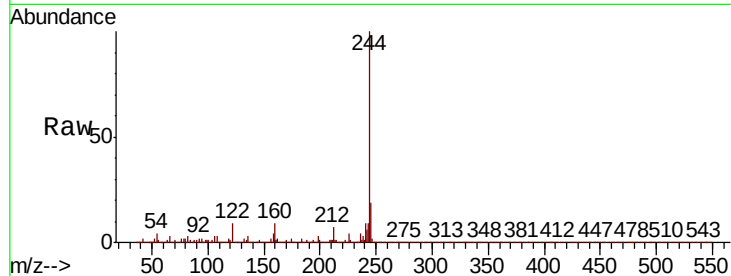
Tot Ion:244 Resp: 616322

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

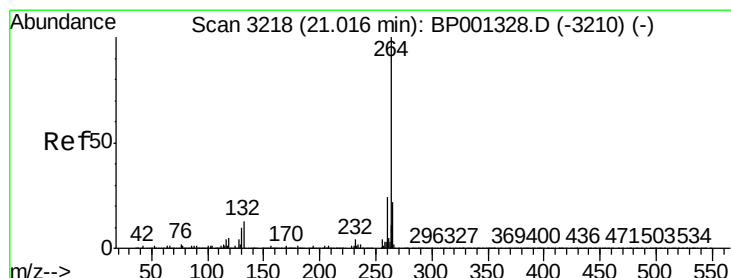
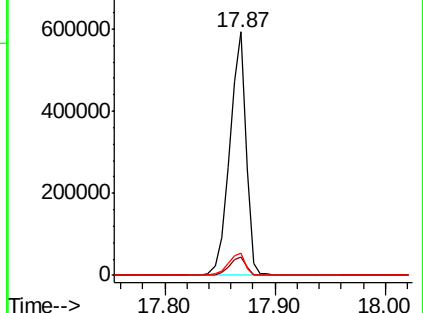
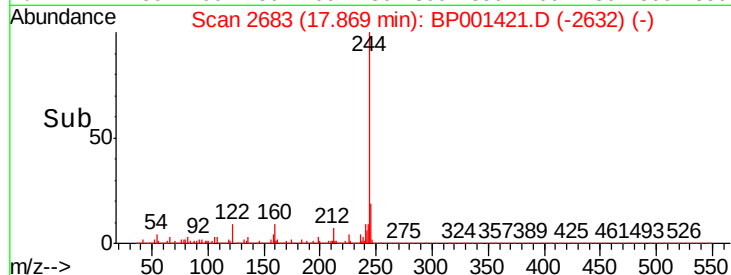
122 8.9 6.4 9.6



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: 20.99 min Scan# 3214

Delta R.T. 0.00 min

Lab File: BP001421.D

Acq: 26 Dec 2019 14:56

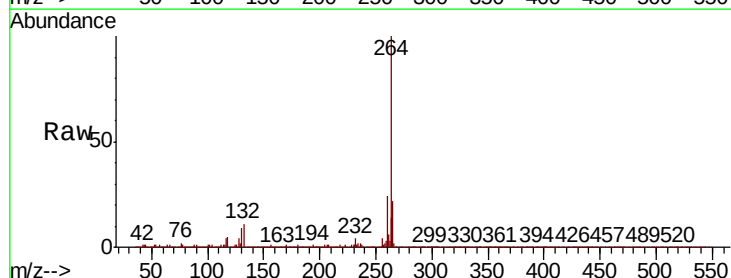
Tgt Ion:264 Resp: 112472

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.4

265 21.9 17.0 25.4



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

