

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
 Data File : BP001396.D
 Acq On : 24 Dec 2019 20:04
 Operator : JU
 Sample : K6396-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-3-(0-2)

Quant Time: Dec 25 04:28:48 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

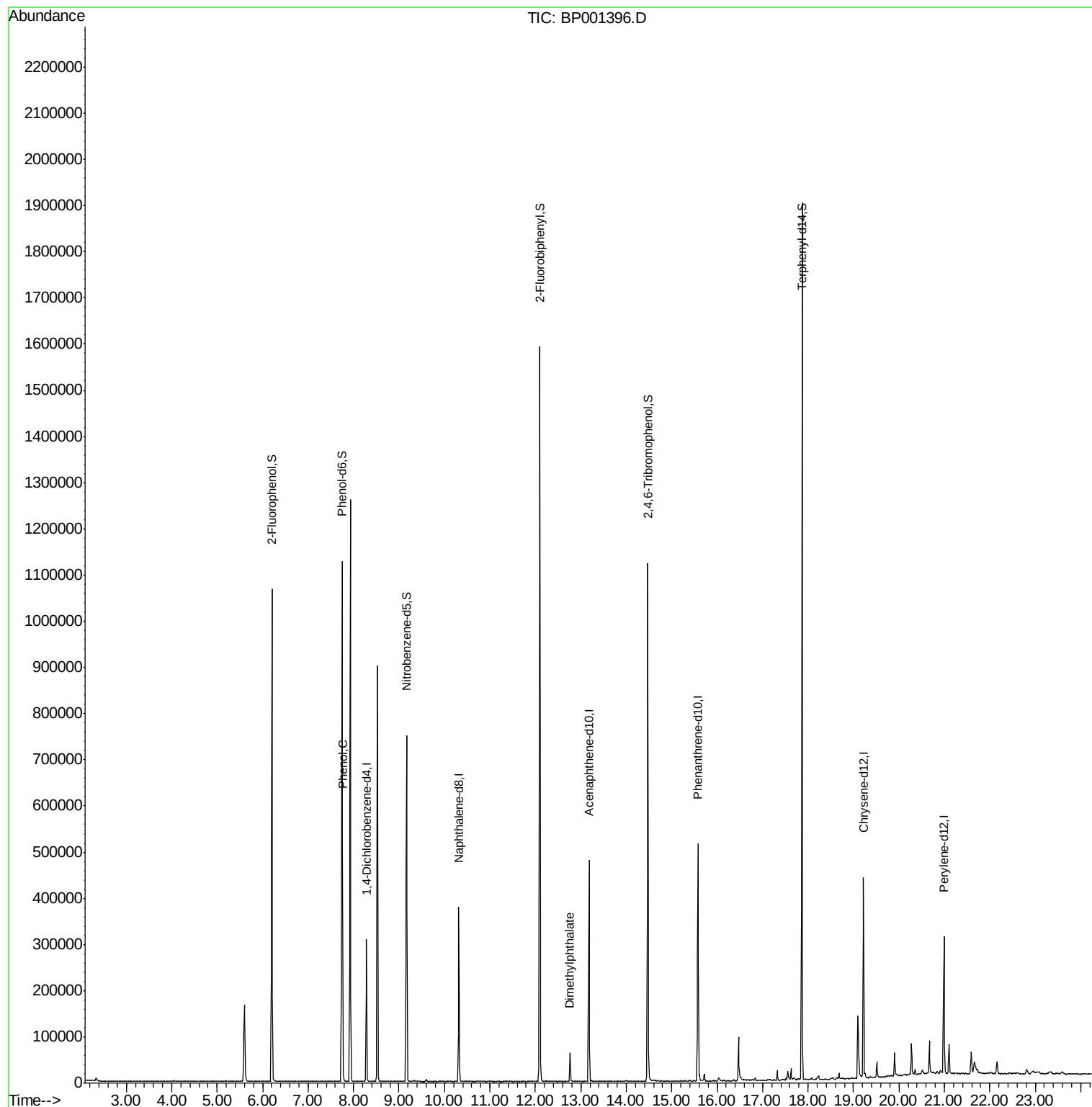
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	50092	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	191158	20.00	ng	0.00
39) Acenaphthene-d10	13.18	164	121899	20.00	ng	0.00
64) Phenanthrene-d10	15.58	188	238573	20.00	ng	0.00
76) Chrysene-d12	19.22	240	156942	20.00	ng	0.00
87) Perylene-d12	20.99	264	150574	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	302120	97.48	ng	0.00
7) Phenol-d6	7.75	99	425650	105.25	ng	0.00
23) Nitrobenzene-d5	9.17	82	294658	59.19	ng	0.00
42) 2,4,6-Tribromophenol	14.47	330	149509	98.10	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	592354	61.45	ng	0.00
79) Terphenyl-d14	17.87	244	697996	76.17	ng	0.00
Target Compounds						
10) Phenol	7.76	94	14072	3.045	ng	82
50) Dimethylphthalate	12.76	163	27584	2.758	ng	97

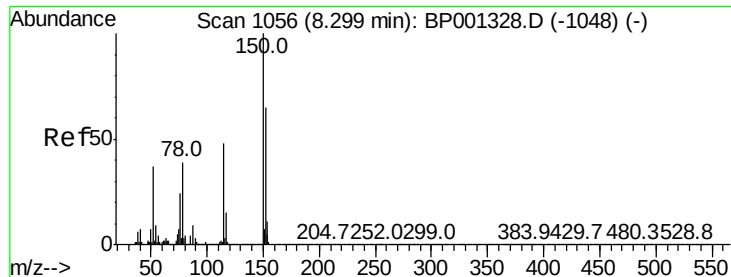
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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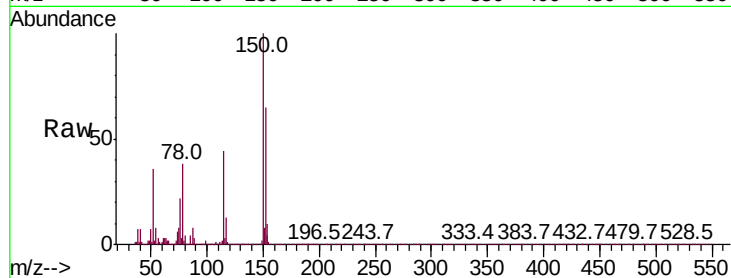




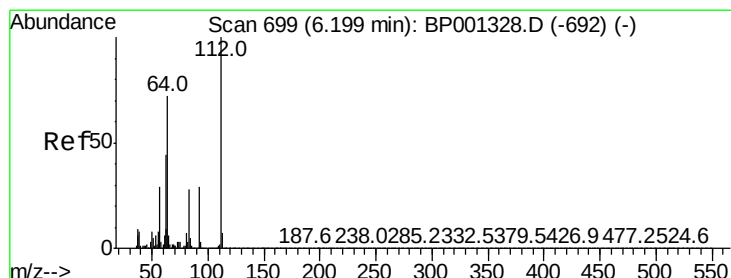
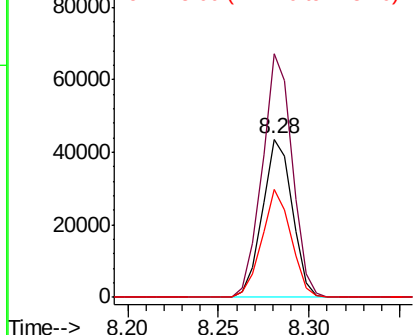
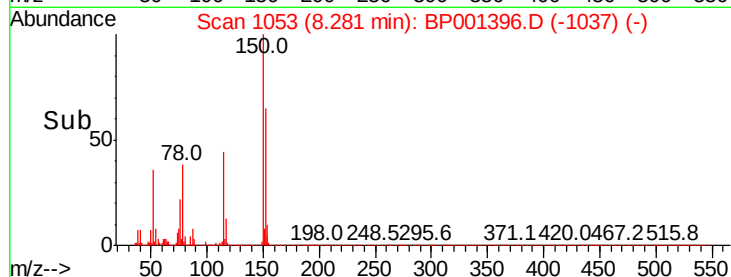
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BP001396.D
Acq: 24 Dec 2019 20:04

Instrument :
BNA_P
ClientSampleId :
SB-3-(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	127.0	190.6
115	68.0	56.1	84.1

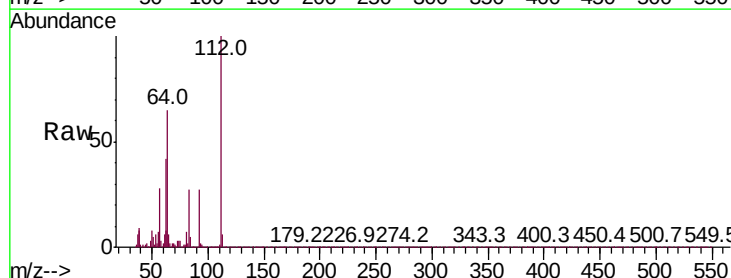


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E

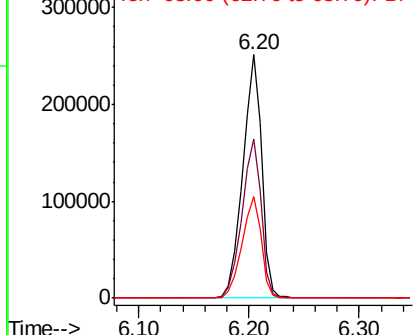
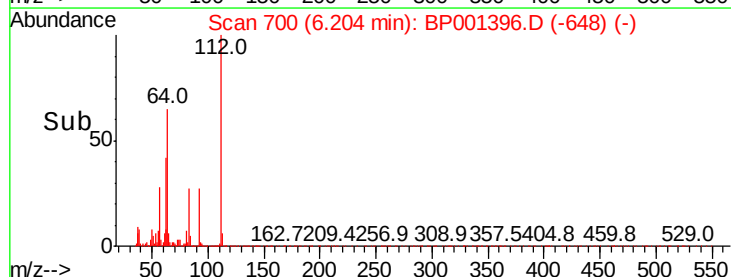


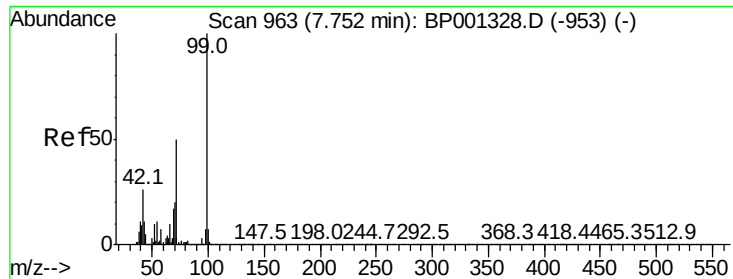
#5
2-Fluorophenol
Concen: 97.477 ng
RT: 6.20 min Scan# 700
Delta R.T. 0.01 min
Lab File: BP001396.D
Acq: 24 Dec 2019 20:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.4	53.9	80.9
63	41.8	33.4	50.0



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: 105.247 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BP001396.D

Acq: 24 Dec 2019 20:04

Instrument :

BNA_P

ClientSampleId :

SB-3-(0-2)

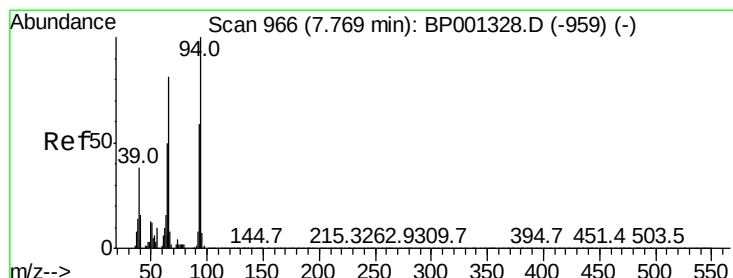
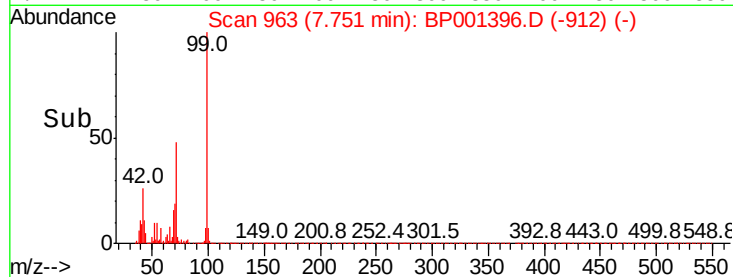
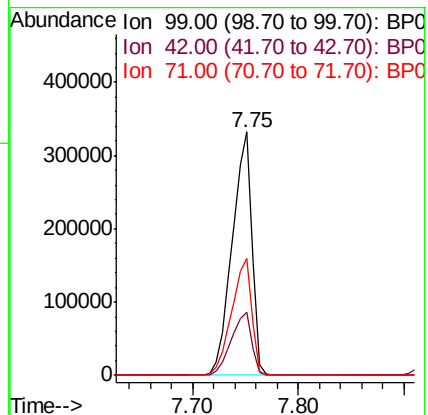
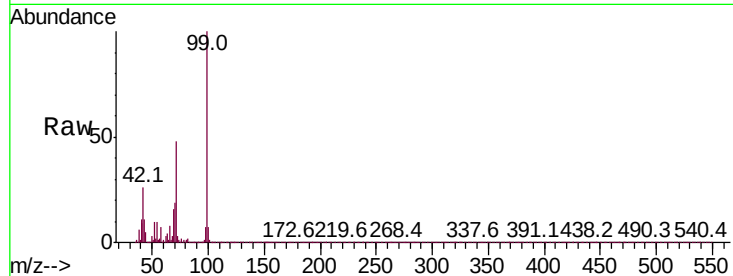
Tot Ion: 99 Resp: 425650

Ion Ratio Lower Upper

99 100

42 26.1 20.8 31.2

71 48.0 38.2 57.4



#10

Phenol

Concen: 3.045 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BP001396.D

Acq: 24 Dec 2019 20:04

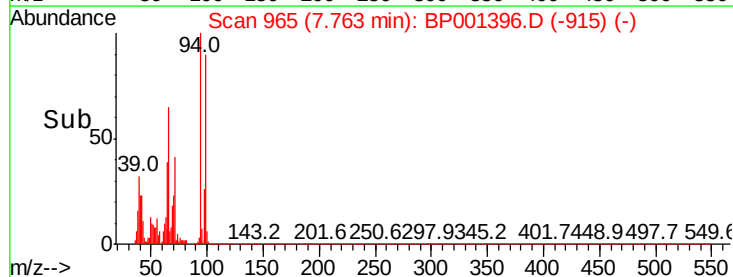
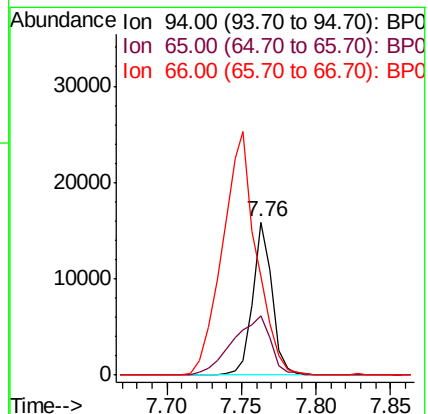
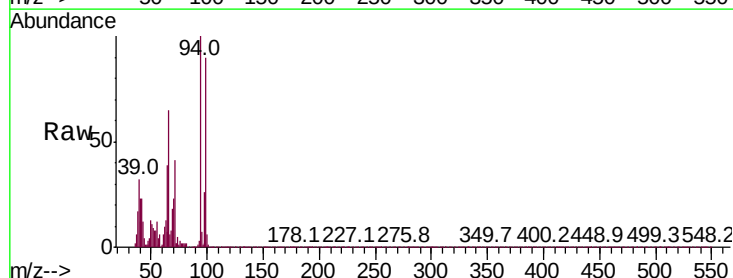
Tgt Ion: 94 Resp: 14072

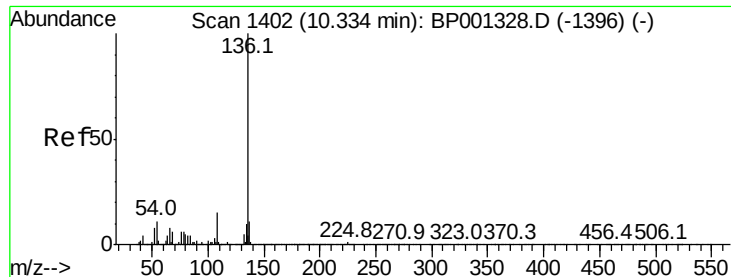
Ion Ratio Lower Upper

94 100

65 38.7 29.6 69.6

66 64.9 62.3 102.3

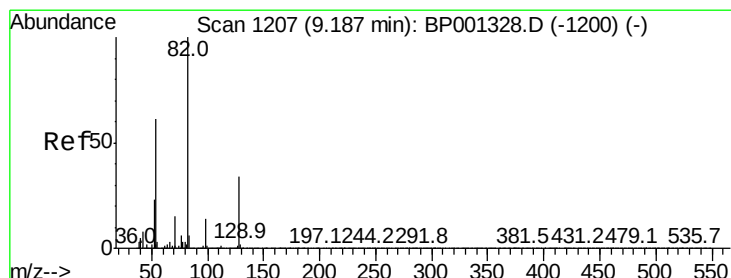
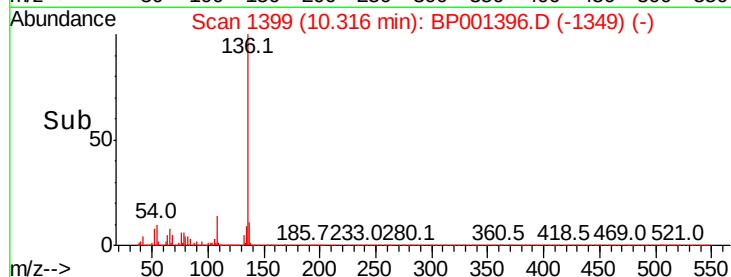
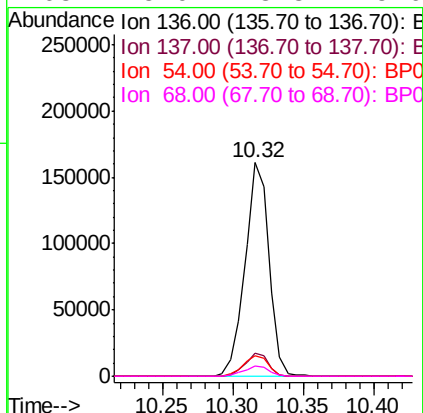
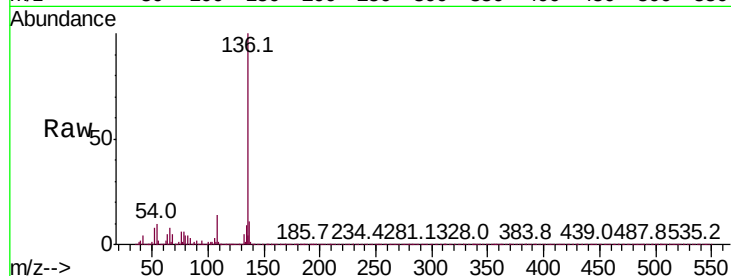




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BP001396.D
Acq: 24 Dec 2019 20:04

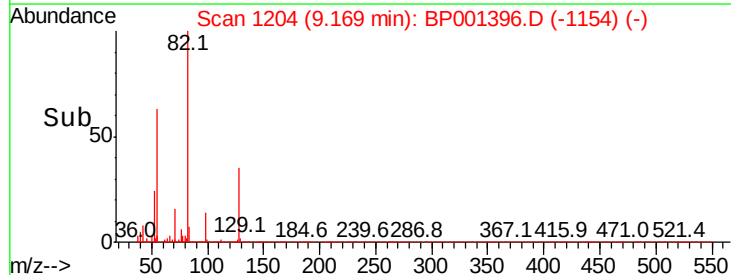
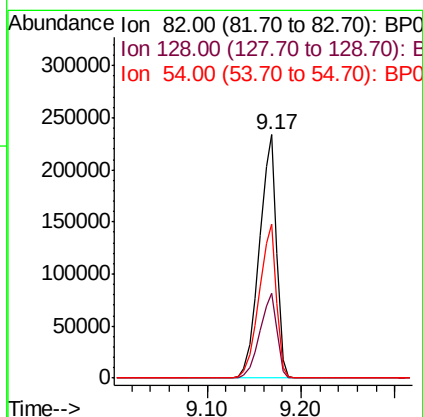
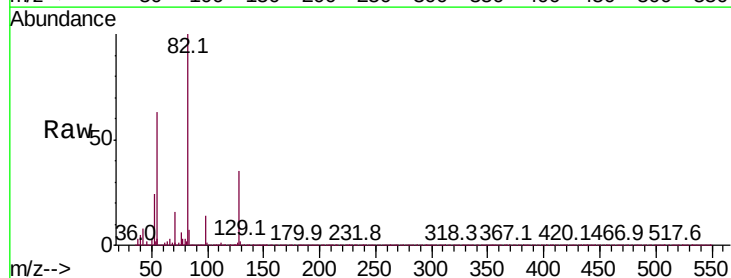
Instrument :
BNA_P
ClientSampleId :
SB-3-(0-2)

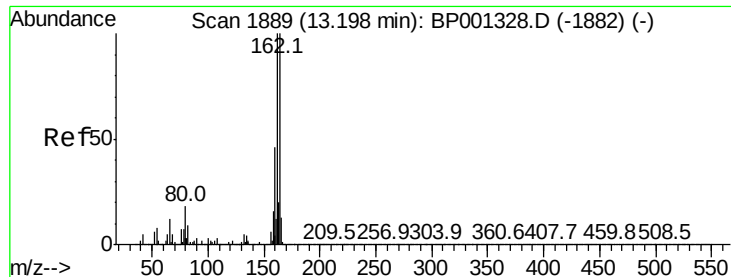
Tot Ion:	136	Resp:	191158
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	9.6	7.3	10.9
68	5.0	3.8	5.6



#23
Nitrobenzene-d5
Concen: 59.193 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BP001396.D
Acq: 24 Dec 2019 20:04

Tgt Ion:	82	Resp:	294658
Ion	Ratio	Lower	Upper
82	100		
128	34.9	27.4	41.0
54	63.0	47.5	71.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.18 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BP001396.D

Acq: 24 Dec 2019 20:04

Instrument :

BNA_P

ClientSampleId :

SB-3-(0-2)

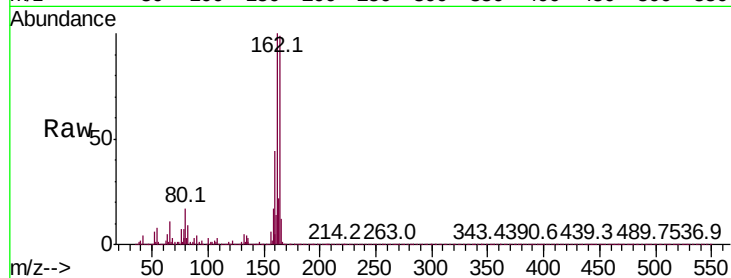
Tot Ion:164 Resp: 121899

Ion Ratio Lower Upper

164 100

162 100.8 78.2 117.4

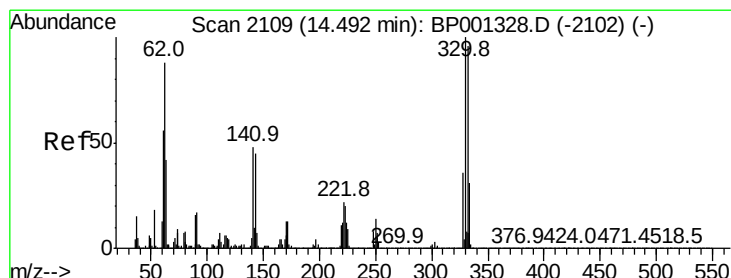
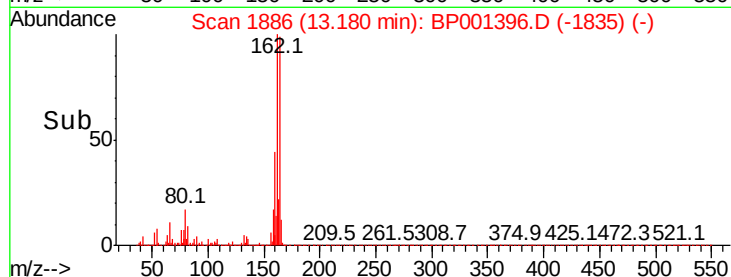
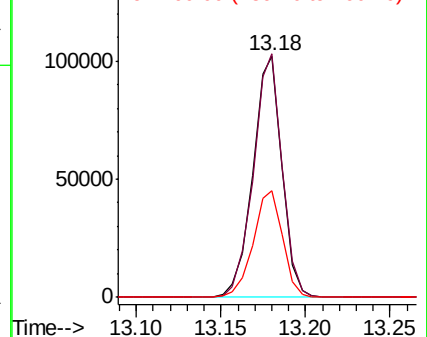
160 44.1 35.1 52.7



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: 98.102 ng

RT: 14.47 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BP001396.D

Acq: 24 Dec 2019 20:04

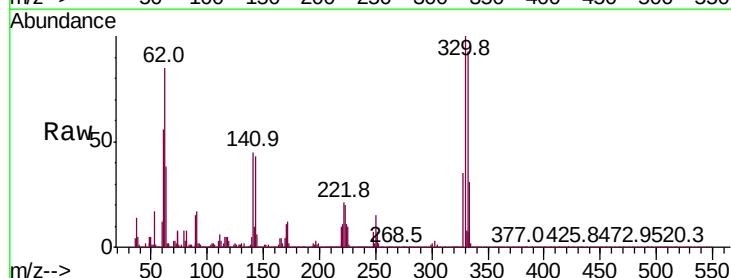
Tgt Ion:330 Resp: 149509

Ion Ratio Lower Upper

330 100

332 95.2 78.3 117.5

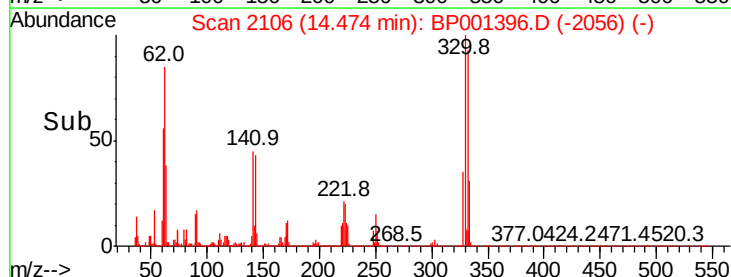
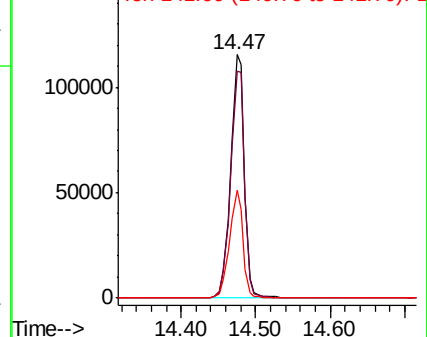
141 43.3 26.8 40.2#

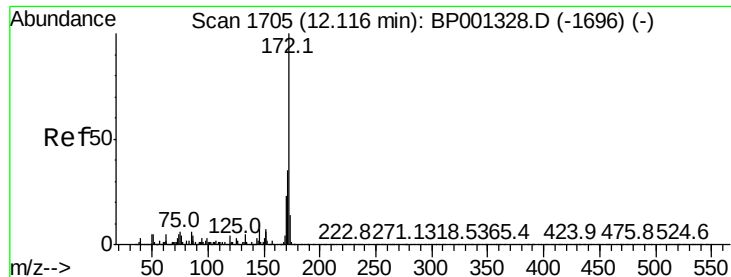


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

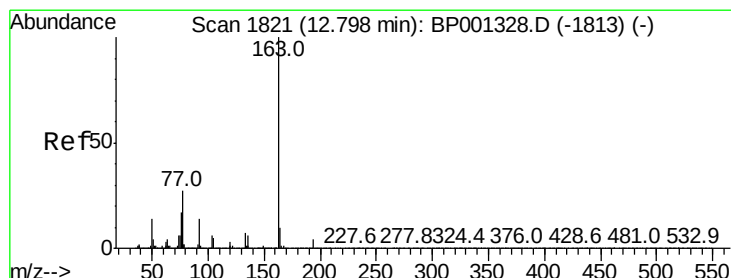
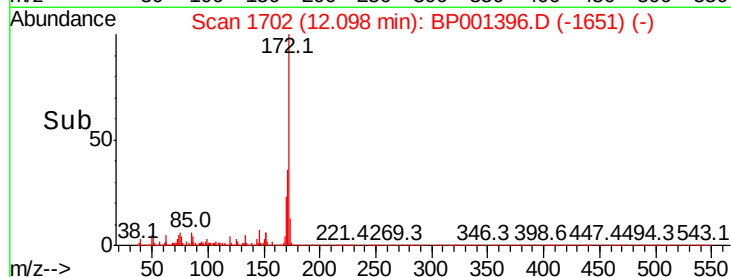
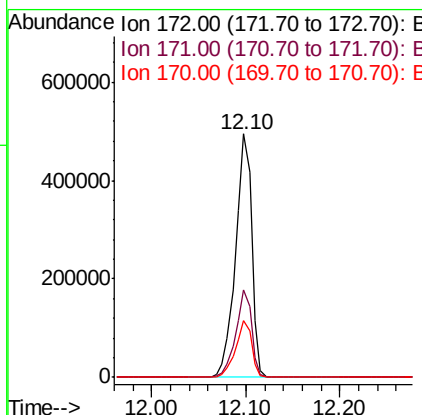
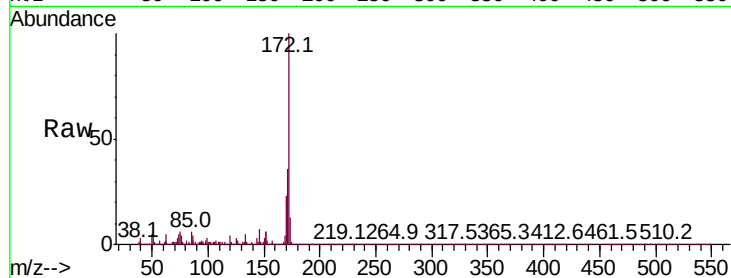




#45
2-Fluorobiphenyl
Concen: 61.446 ng
RT: 12.10 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BP001396.D
Acq: 24 Dec 2019 20:04

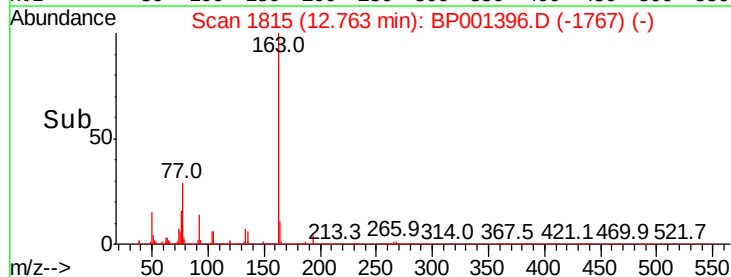
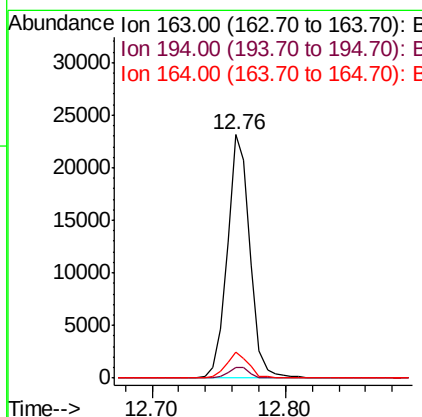
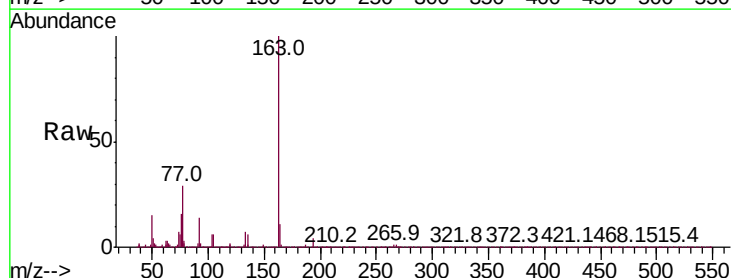
Instrument :
BNA_P
ClientSampleId :
SB-3-(0-2)

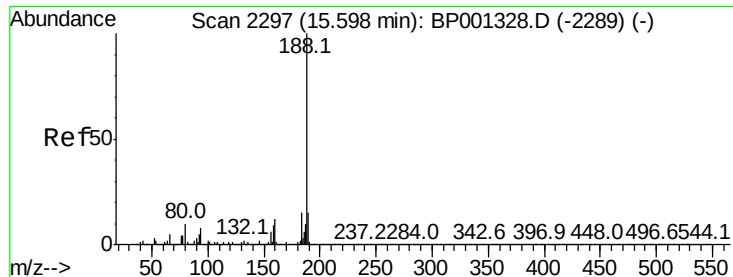
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.4	41.0
170	23.1	18.2	27.4



#50
Dimethylphthalate
Concen: 2.758 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.02 min
Lab File: BP001396.D
Acq: 24 Dec 2019 20:04

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.2	4.8
164	10.8	7.7	11.5

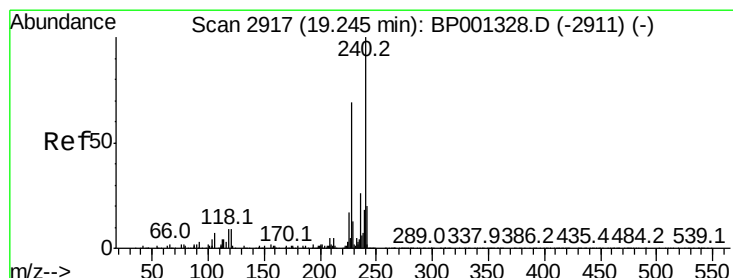
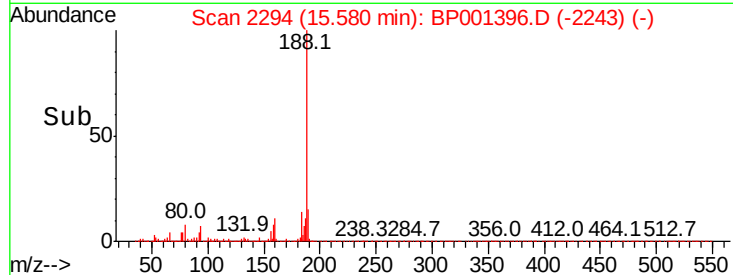
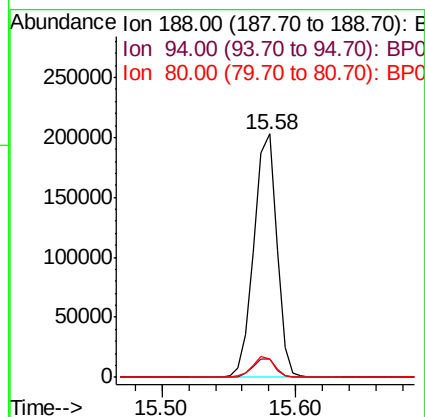
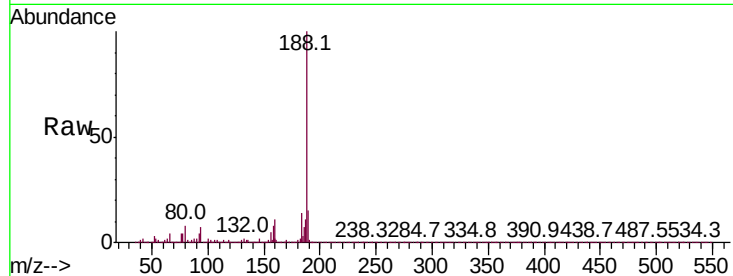




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BP001396.D
Acq: 24 Dec 2019 20:04

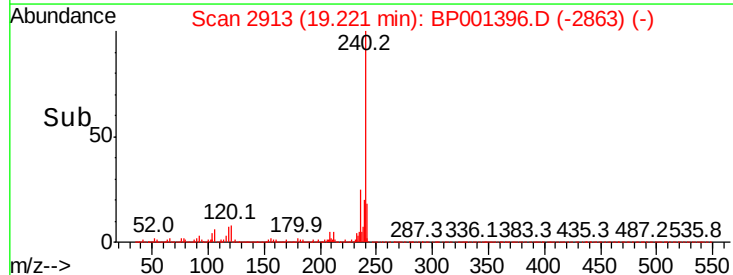
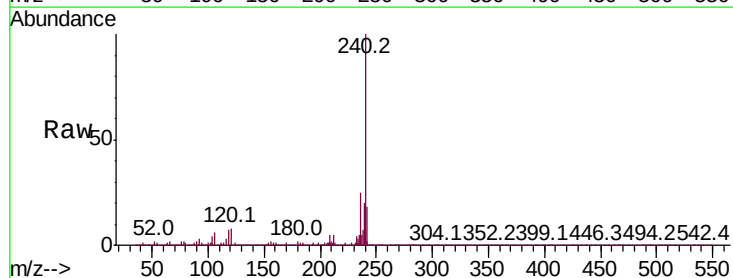
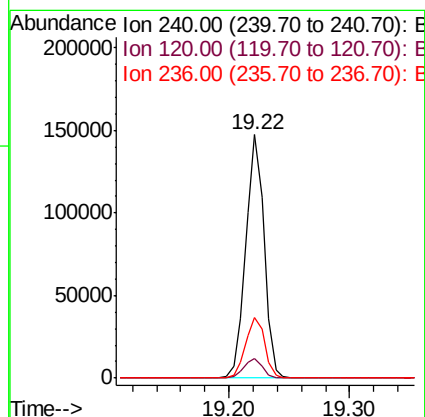
Instrument :
BNA_P
ClientSampled :
SB-3-(0-2)

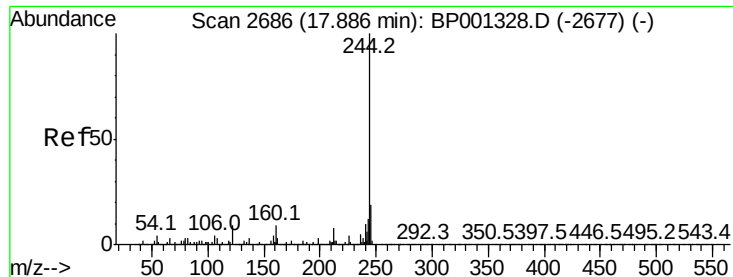
Tot Ion:188 Resp: 238573
Ion Ratio Lower Upper
188 100
94 7.5 5.8 8.8
80 7.7 5.7 8.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.22 min Scan# 2913
Delta R.T. -0.01 min
Lab File: BP001396.D
Acq: 24 Dec 2019 20:04

Tgt Ion:240 Resp: 156942
Ion Ratio Lower Upper
240 100
120 8.2 6.2 9.2
236 24.7 20.2 30.2





#79

Terphenyl-d14

Concen: 76.175 ng

RT: 17.87 min Scan# 2683

Delta R.T. -0.00 min

Lab File: BP001396.D

Acq: 24 Dec 2019 20:04

Instrument :

BNA_P

ClientSampleId :

SB-3-(0-2)

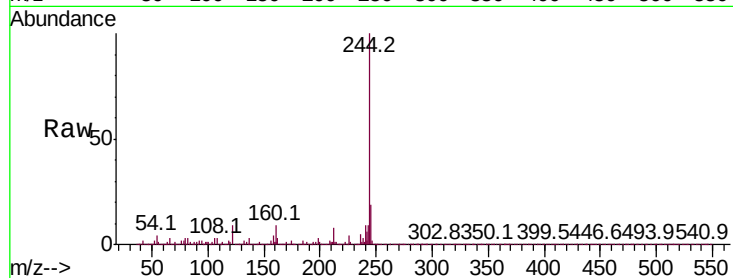
Tot Ion:244 Resp: 697996

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

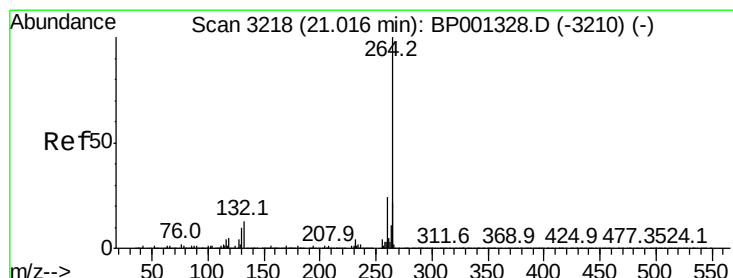
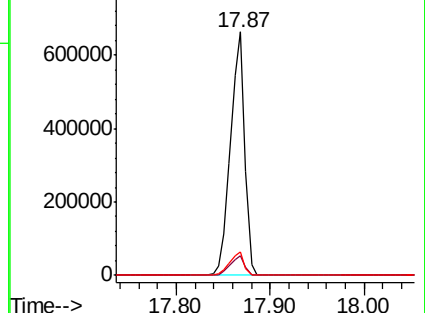
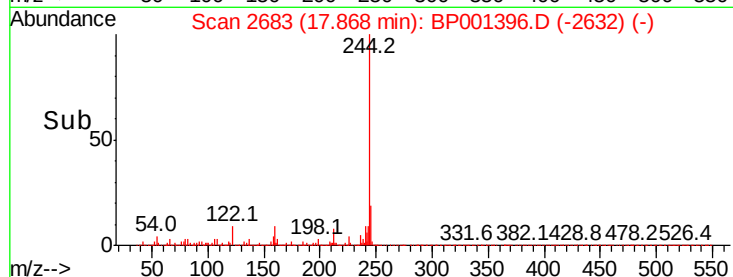
122 9.4 6.4 9.6



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: BP001396.D

Acq: 24 Dec 2019 20:04

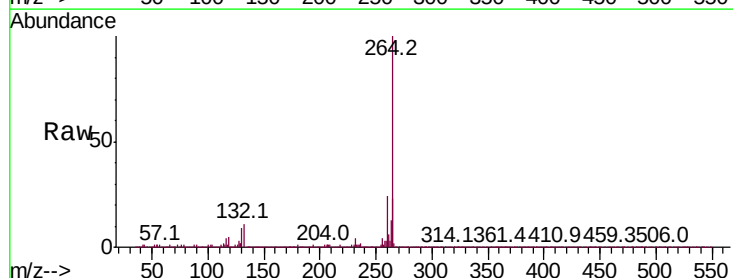
Tgt Ion:264 Resp: 150574

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.4

265 22.6 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

