

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121019\
 Data File : BP001300.D
 Acq On : 10 Dec 2019 18:24
 Operator : JU
 Sample : K6186-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 11 03:55:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

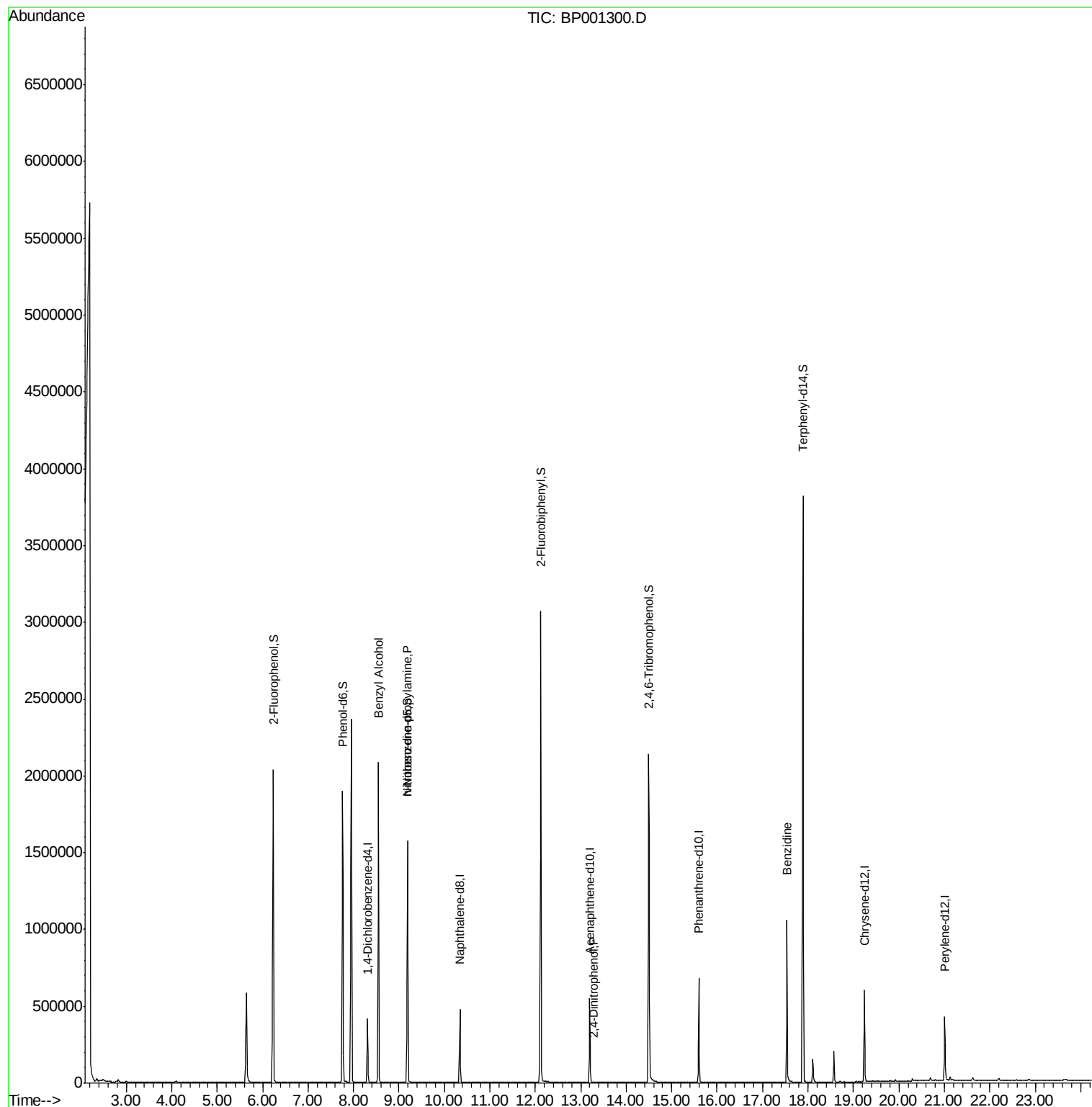
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	68470	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	248727	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	150090	20.00	ng	-0.01
64) Phenanthrene-d10	15.60	188	298938	20.00	ng	-0.01
76) Chrysene-d12	19.24	240	223737	20.00	ng	-0.02
87) Perylene-d12	21.02	264	220625	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	623579	151.10	ng	0.02
7) Phenol-d6	7.76	99	751449	136.67	ng	0.00
23) Nitrobenzene-d5	9.19	82	703156	122.65	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	305298	212.22	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	1240802	120.99	ng	-0.01
79) Terphenyl-d14	17.89	244	1600659	132.36	ng	0.00
Target Compounds						
9) Benzaldehyde	7.62	77	106	Below Cal	Qvalue	# 60
15) Benzyl Alcohol	8.55	79	13714	3.039 ng	#	54
19) n-Nitroso-di-n-propylamine	9.19	70	104318	26.294 ng	#	78
54) 2,4-Dinitrophenol	13.29	184	13	7.121 ng		91
77) Benzidine	17.54	184	433409	75.027 ng		99

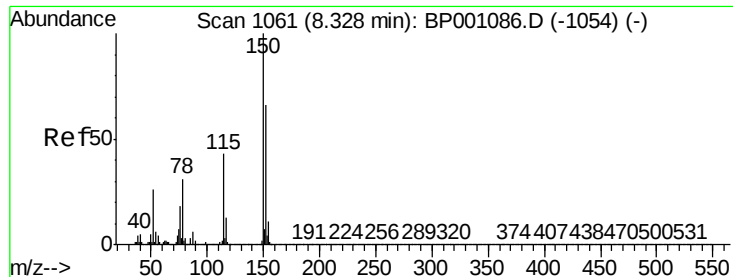
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 05 12:34:47 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.30 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BP001300.D

Acq: 10 Dec 2019 18:24

Instrument :

BNA_P

ClientSampleId :

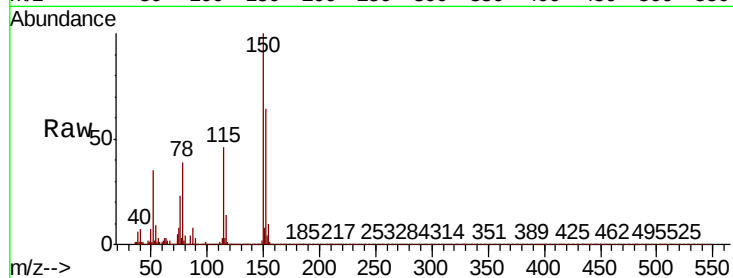
Tot Ion:152 Resp: 68470

Ion Ratio Lower Upper

152 100

150 155.7 127.3 190.9

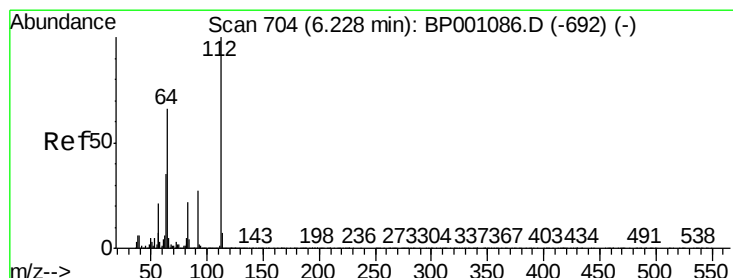
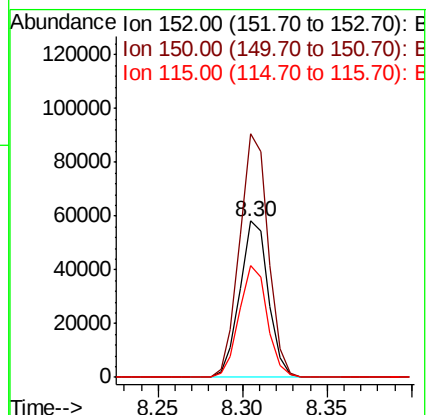
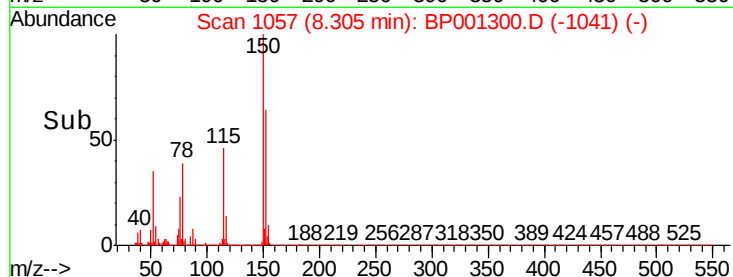
115 71.6 56.0 84.0



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: 151.098 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.02 min

Lab File: BP001300.D

Acq: 10 Dec 2019 18:24

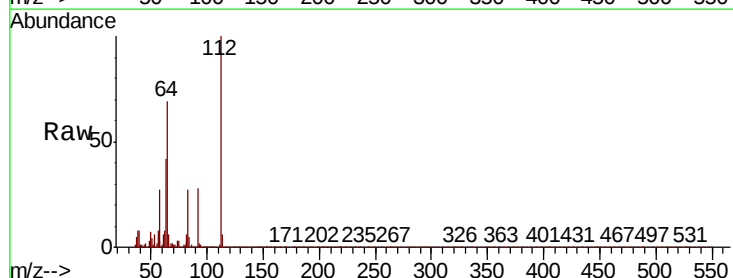
Tgt Ion:112 Resp: 623579

Ion Ratio Lower Upper

112 100

64 68.9 56.8 85.2

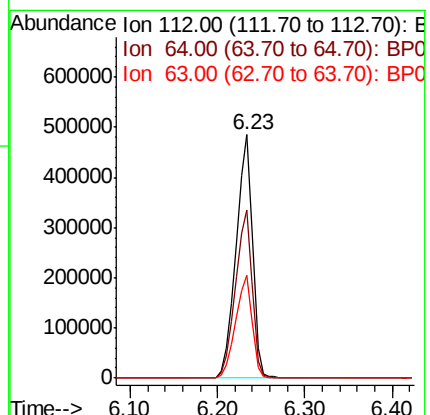
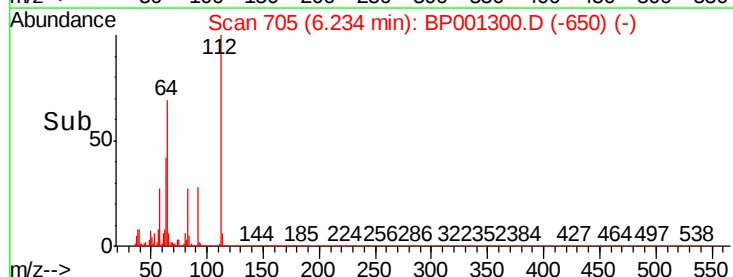
63 42.1 32.2 48.2



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: 136.673 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.00 min

Lab File: BP001300.D

Acq: 10 Dec 2019 18:24

Instrument :

BNA_P

ClientSampleId :

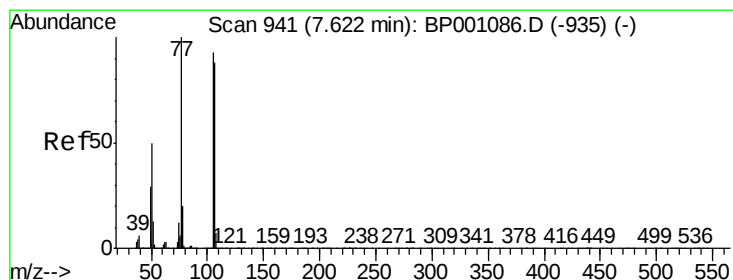
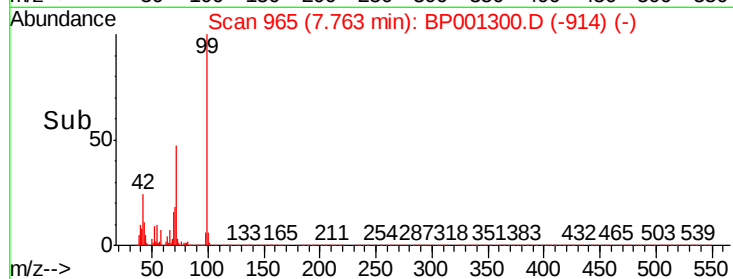
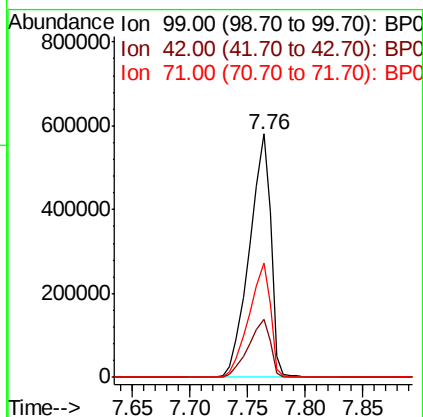
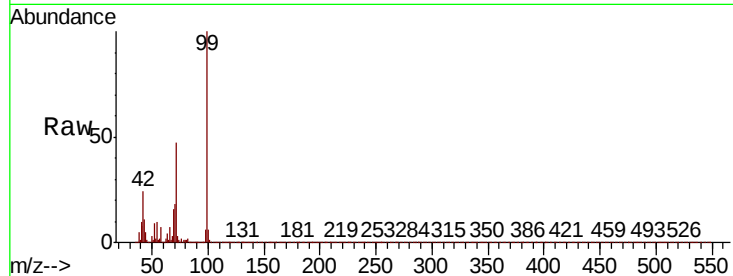
Tot Ion: 99 Resp: 751449

Ion Ratio Lower Upper

99 100

42 23.9 17.6 26.4

71 47.0 33.8 50.8



#9

Benzaldehyde

Concen: Below Cal

RT: 7.62 min Scan# 940

Delta R.T. 0.01 min

Lab File: BP001300.D

Acq: 10 Dec 2019 18:24

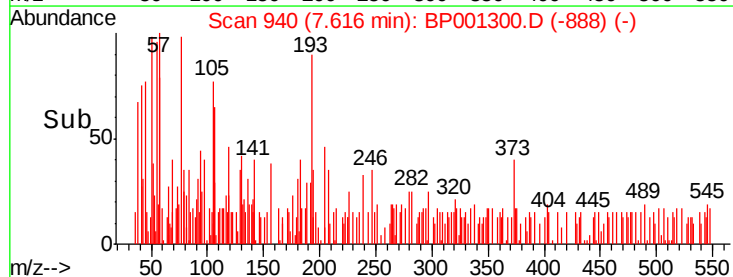
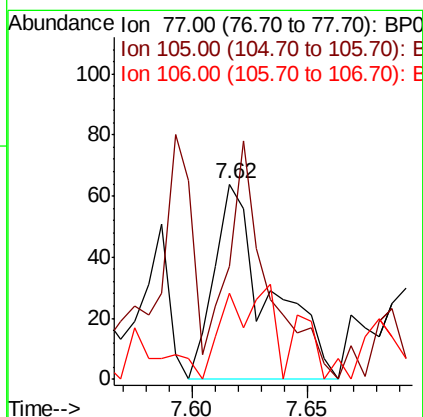
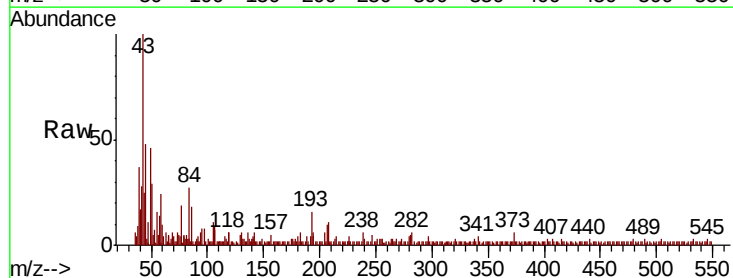
Tgt Ion: 77 Resp: 106

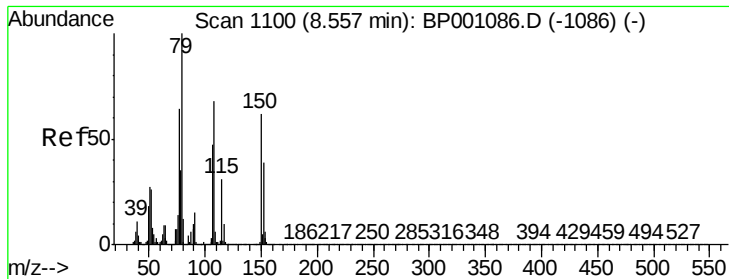
Ion Ratio Lower Upper

77 100

105 57.8 69.7 109.7#

106 43.8 67.1 107.1#





#15

Benzyl Alcohol

Concen: 3.039 ng

RT: 8.55 min Scan# 1099

Delta R.T. 0.01 min

Lab File: BP001300.D

Acq: 10 Dec 2019 18:24

Instrument :

BNA_P

ClientSampleId :

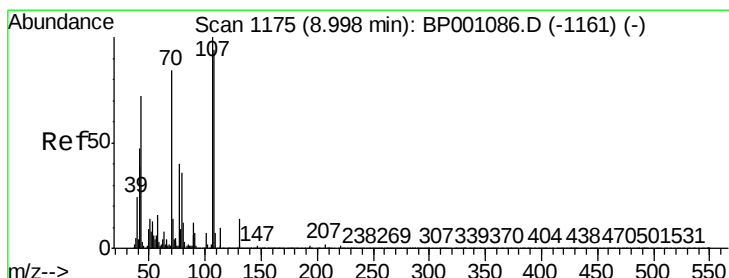
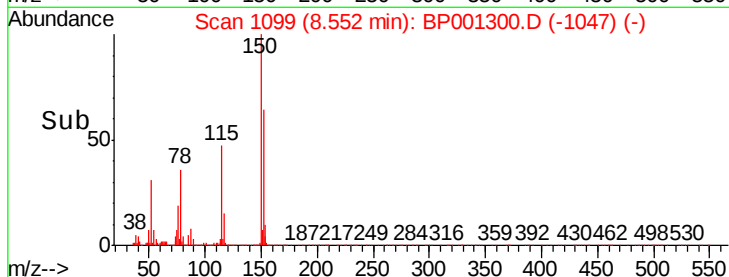
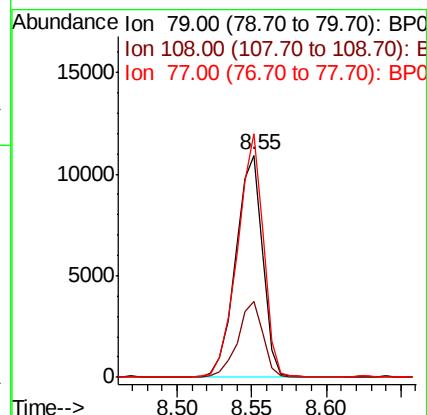
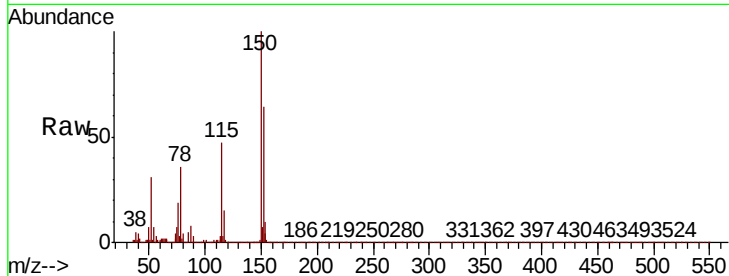
Tot Ion: 79 Resp: 13714

Ion Ratio Lower Upper

79 100

108 34.4 51.6 77.4#

77 109.5 53.5 80.3#



#19

n-Nitroso-di-n-propylamine

Concen: 26.294 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.21 min

Lab File: BP001300.D

Acq: 10 Dec 2019 18:24

Tgt Ion: 70 Resp: 104318

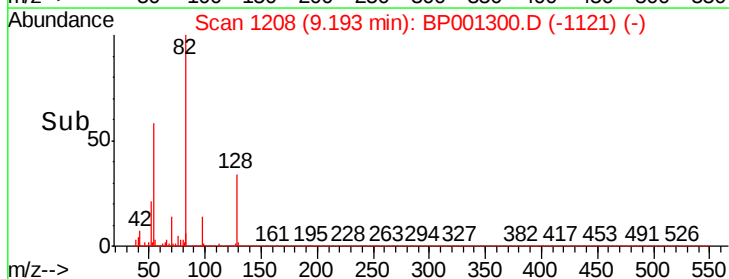
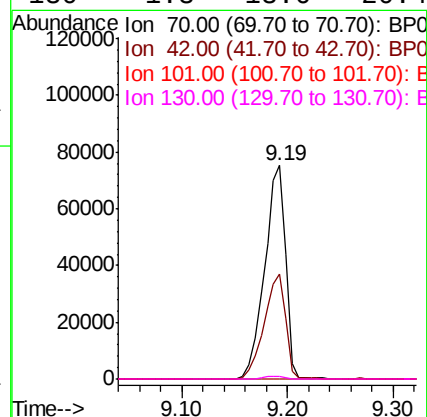
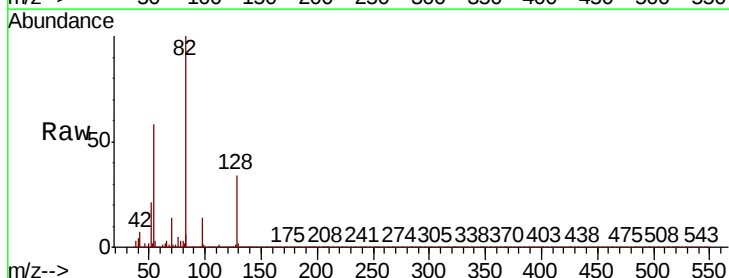
Ion Ratio Lower Upper

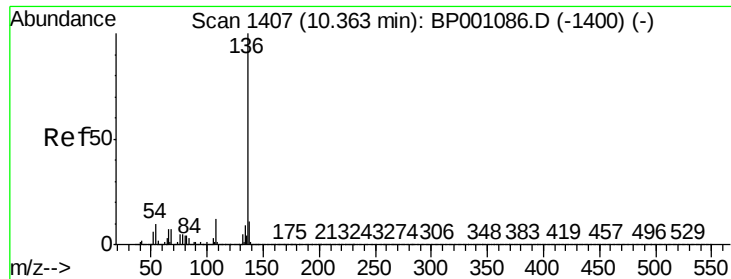
70 100

42 49.3 50.6 76.0#

101 0.0 7.1 10.7#

130 1.3 13.6 20.4#

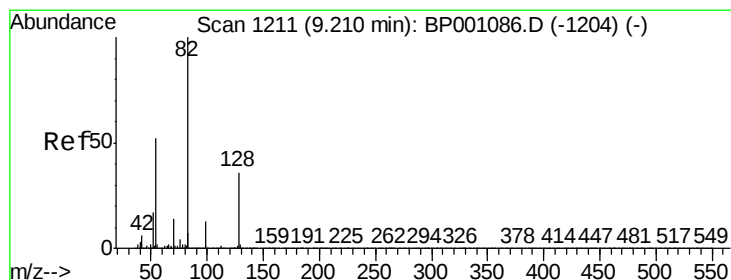
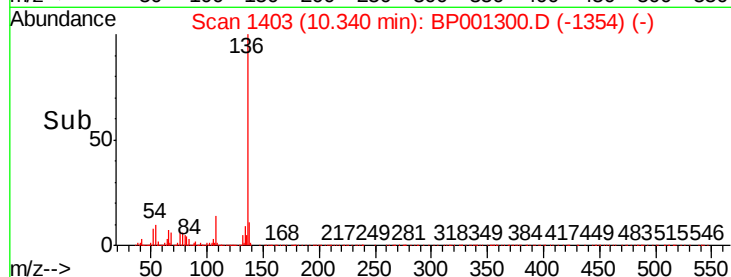
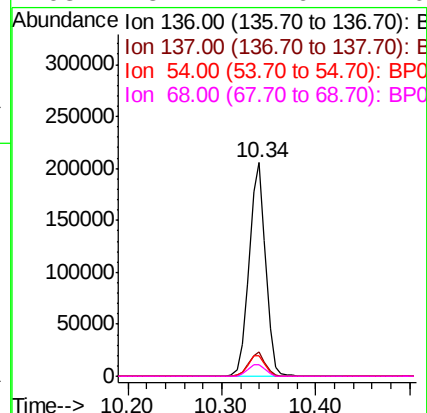
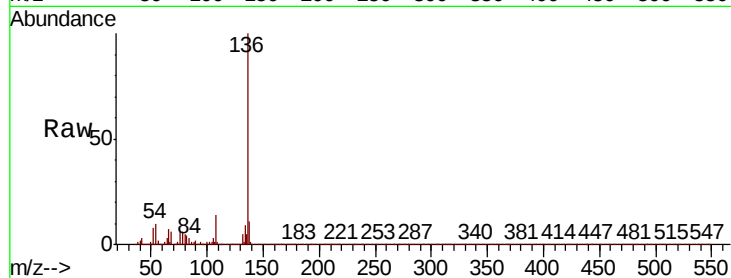




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BP001300.D
Acq: 10 Dec 2019 18:24

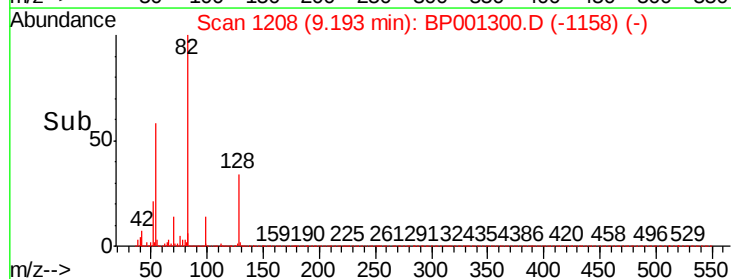
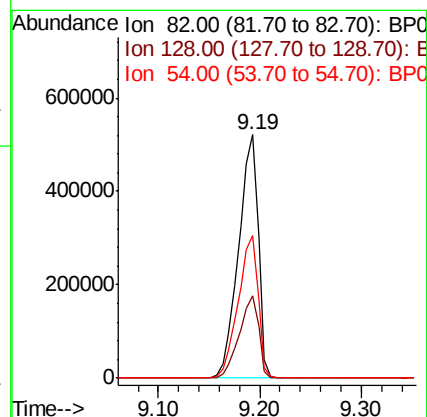
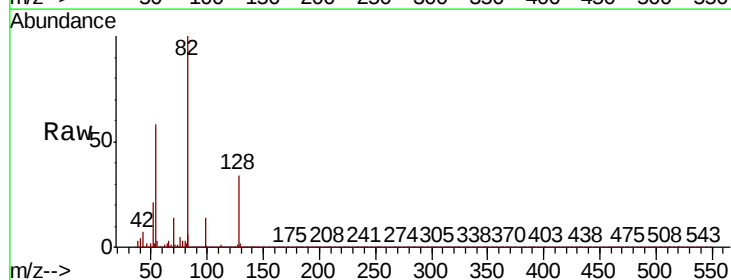
Instrument :
BNA_P
ClientSampleId :

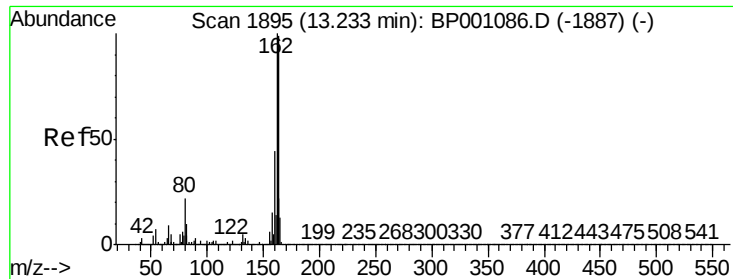
Tot Ion:136	Resp:	248727
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.4	12.6
54 9.8	7.4	11.0
68 5.7	4.6	7.0



#23
Nitrobenzene-d5
Concen: 122.653 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BP001300.D
Acq: 10 Dec 2019 18:24

Tgt	Ion: 82	Resp:	703156
Ion	Ratio	Lower	Upper
82	100		
128	33.9	27.5	41.3
54	58.5	45.7	68.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.20 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BP001300.D

Acq: 10 Dec 2019 18:24

Instrument :

BNA_P

ClientSampleId :

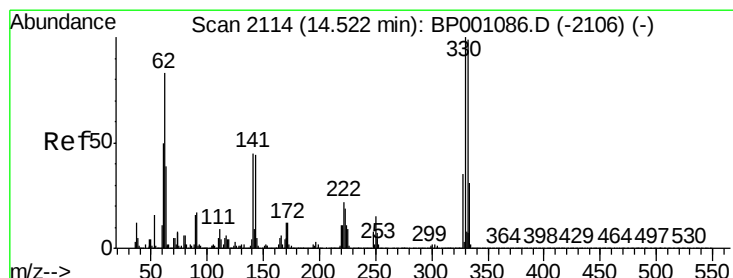
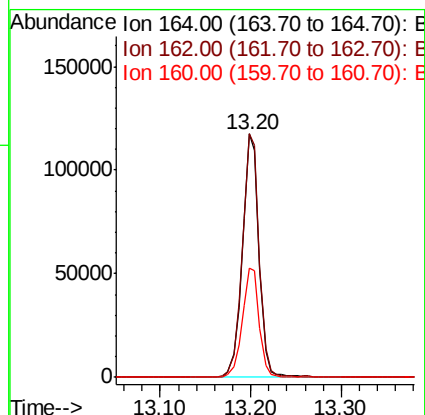
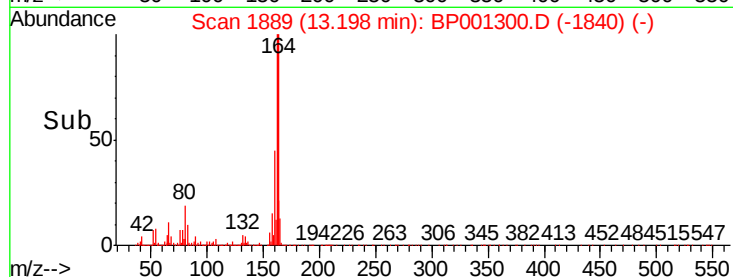
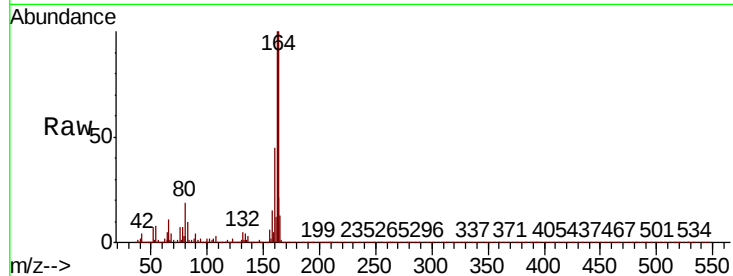
Tot Ion:164 Resp: 150090

Ion Ratio Lower Upper

164 100

162 100.0 80.7 121.1

160 44.7 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 212.217 ng

RT: 14.50 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BP001300.D

Acq: 10 Dec 2019 18:24

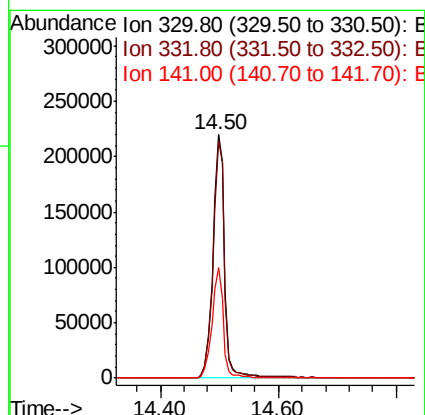
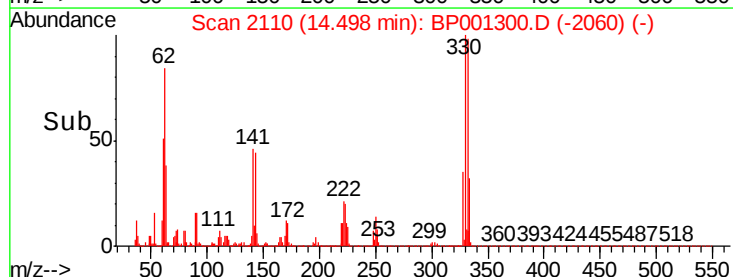
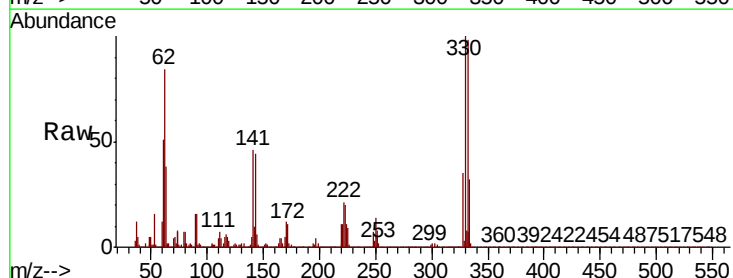
Tgt Ion:330 Resp: 305298

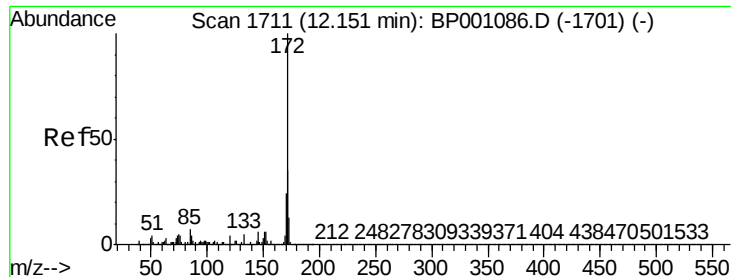
Ion Ratio Lower Upper

330 100

332 94.7 79.1 118.7

141 43.4 35.9 53.9

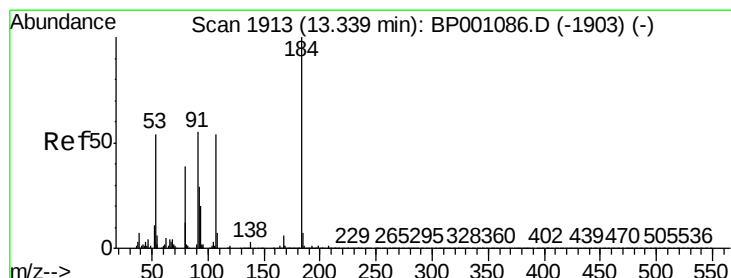
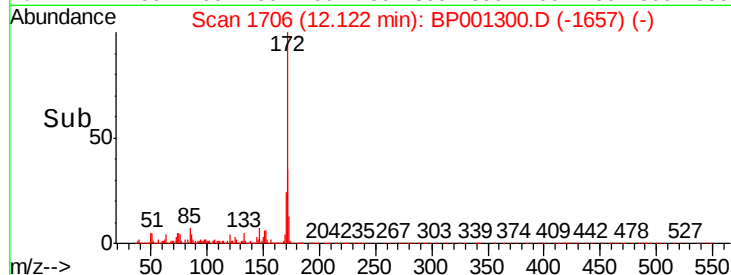
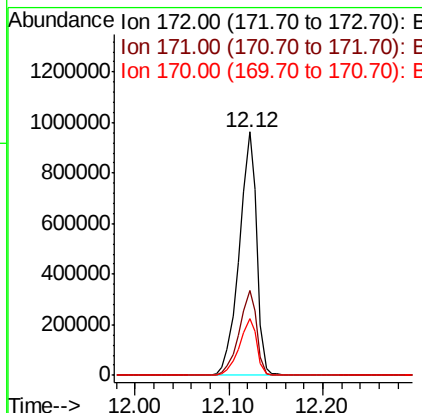
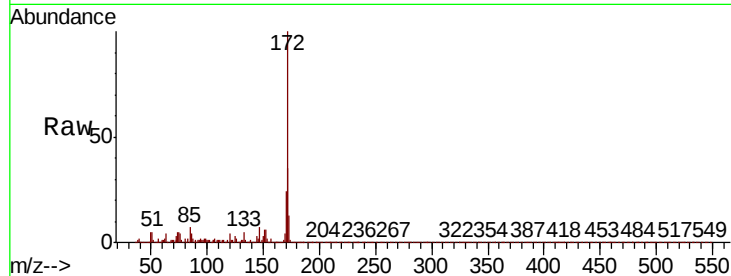




#45
2-Fluorobiphenyl
Concen: 120.994 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001300.D
Acq: 10 Dec 2019 18:24

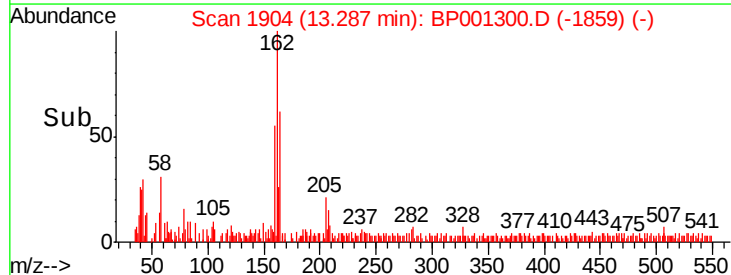
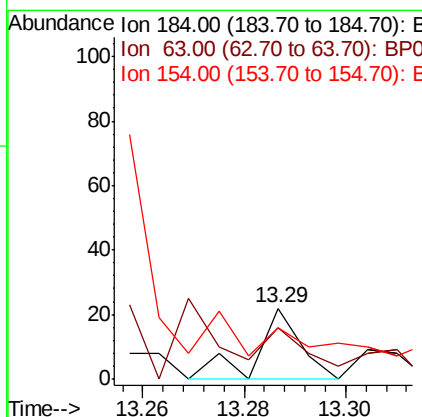
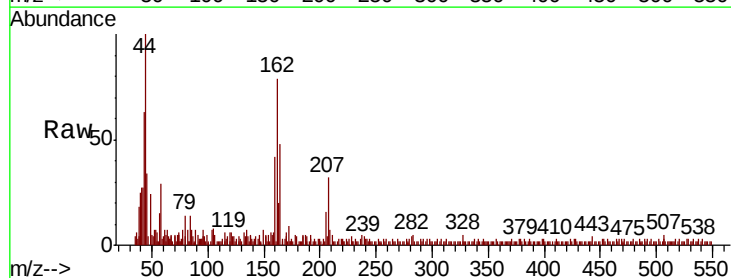
Instrument :
BNA_P
ClientSampleId :

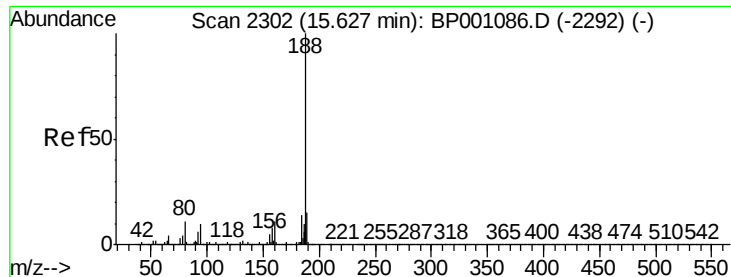
Tot Ion:172 Resp: 1240802
Ion Ratio Lower Upper
172 100
171 35.0 28.7 43.1
170 23.5 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 7.121 ng
RT: 13.29 min Scan# 1904
Delta R.T. -0.04 min
Lab File: BP001300.D
Acq: 10 Dec 2019 18:24

Tgt Ion:184 Resp: 13
Ion Ratio Lower Upper
184 100
63 72.7 69.4 104.0
154 72.7 57.4 86.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.60 min Scan# 2297

Delta R.T. -0.01 min

Lab File: BP001300.D

Acq: 10 Dec 2019 18:24

Instrument :

BNA_P

ClientSampleId :

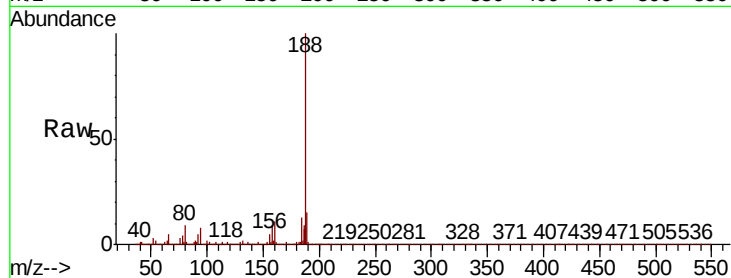
Tot Ion:188 Resp: 298938

Ion Ratio Lower Upper

188 100

94 8.4 7.1 10.7

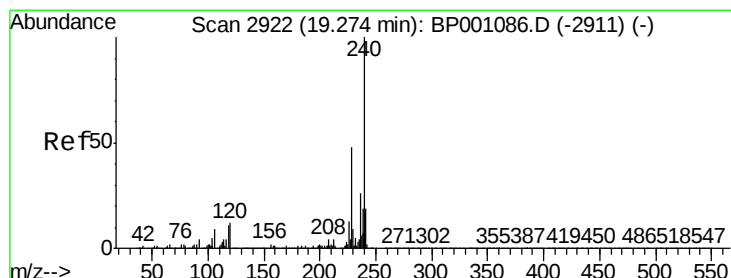
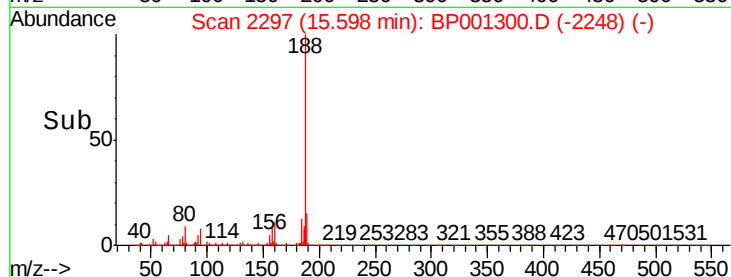
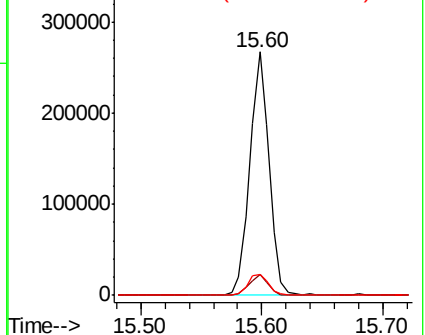
80 8.7 7.8 11.6



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: 19.24 min Scan# 2916

Delta R.T. -0.02 min

Lab File: BP001300.D

Acq: 10 Dec 2019 18:24

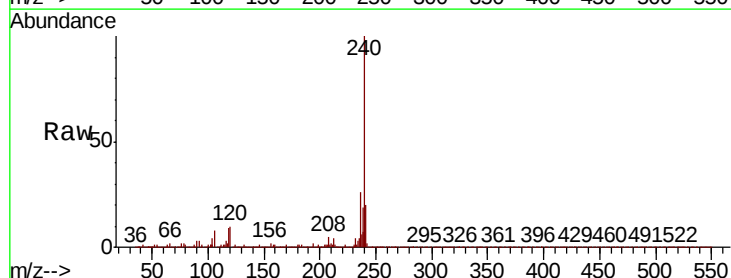
Tgt Ion:240 Resp: 223737

Ion Ratio Lower Upper

240 100

120 9.9 7.0 10.6

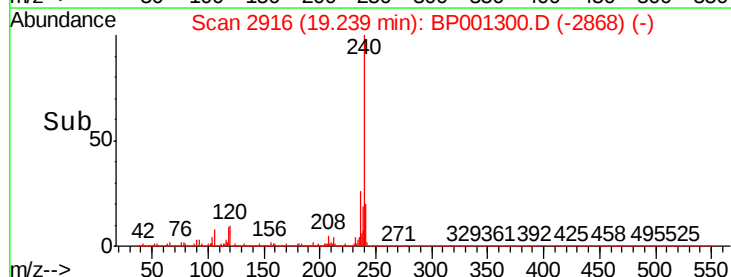
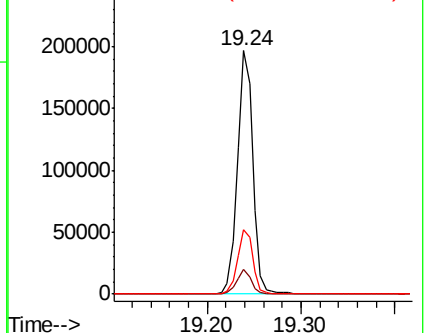
236 26.3 21.7 32.5

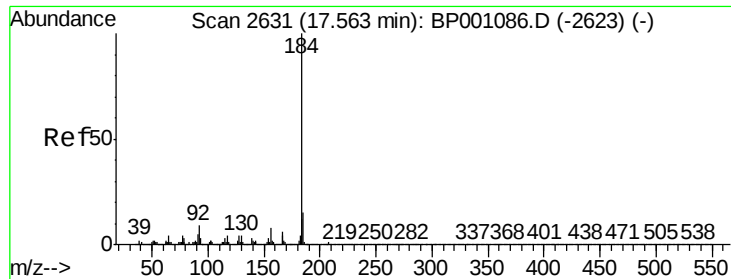


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 75.027 ng

RT: 17.54 min Scan# 2627

Delta R.T. -0.01 min

Lab File: BP001300.D

Acq: 10 Dec 2019 18:24

Instrument :

BNA_P

ClientSampleId :

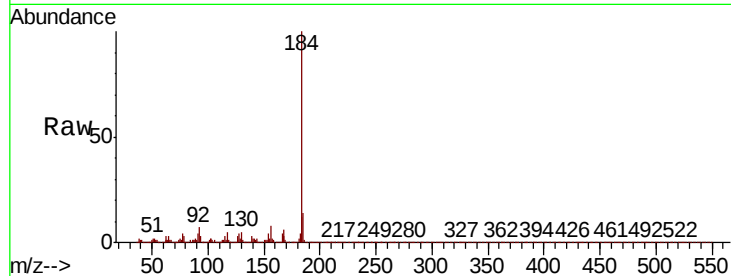
Tot Ion:184 Resp: 433409

Ion Ratio Lower Upper

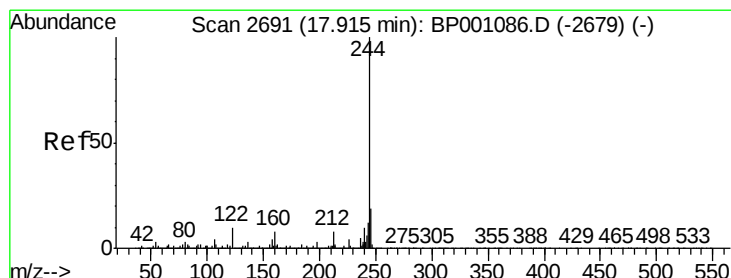
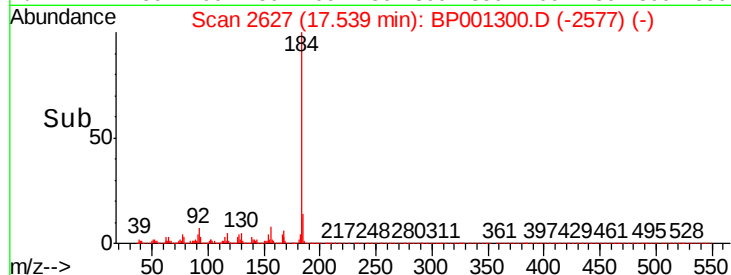
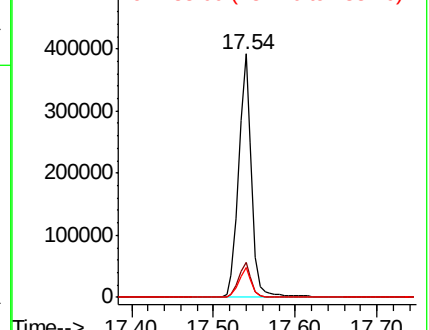
184 100

185 14.3 11.4 17.0

183 12.3 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 132.359 ng

RT: 17.89 min Scan# 2687

Delta R.T. 0.00 min

Lab File: BP001300.D

Acq: 10 Dec 2019 18:24

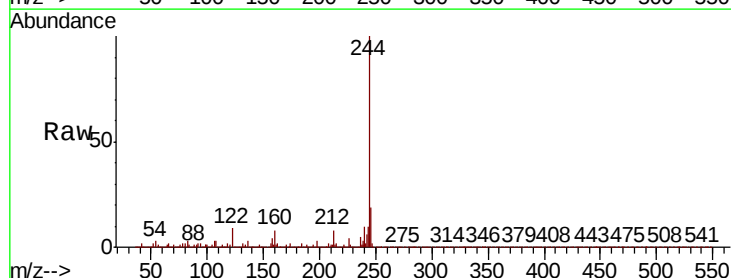
Tgt Ion:244 Resp: 1600659

Ion Ratio Lower Upper

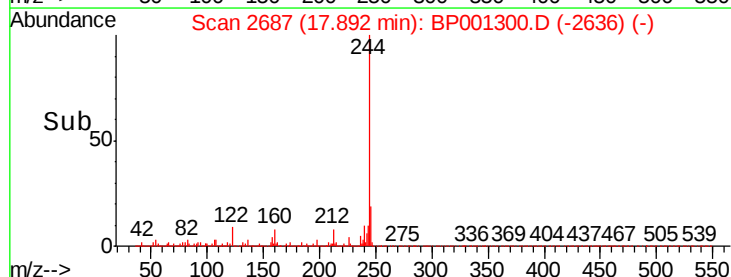
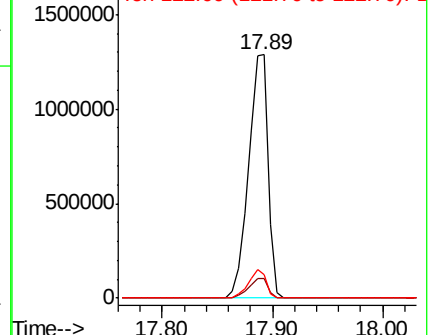
244 100

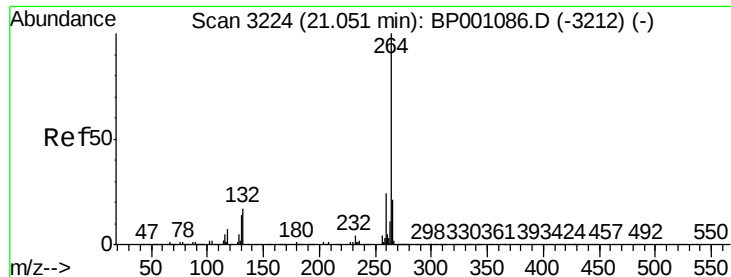
212 8.0 6.6 9.8

122 9.4 9.2 13.8



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

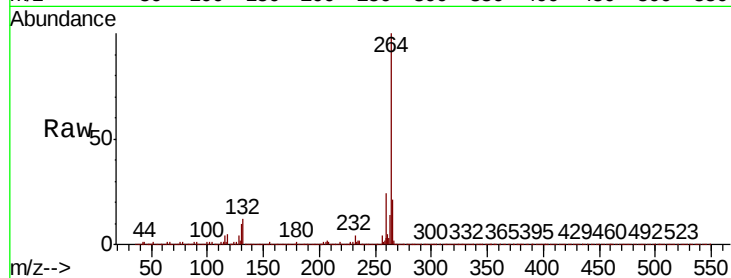




#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3218
Delta R.T. -0.01 min
Lab File: BP001300.D
Acq: 10 Dec 2019 18:24

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	21.0	17.1	25.7



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

