

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
 Data File : BP001379.D
 Acq On : 23 Dec 2019 21:07
 Operator : JU
 Sample : K6117-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 24 01:33:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 20 03:20:39 2019
 Response via : Initial Calibration

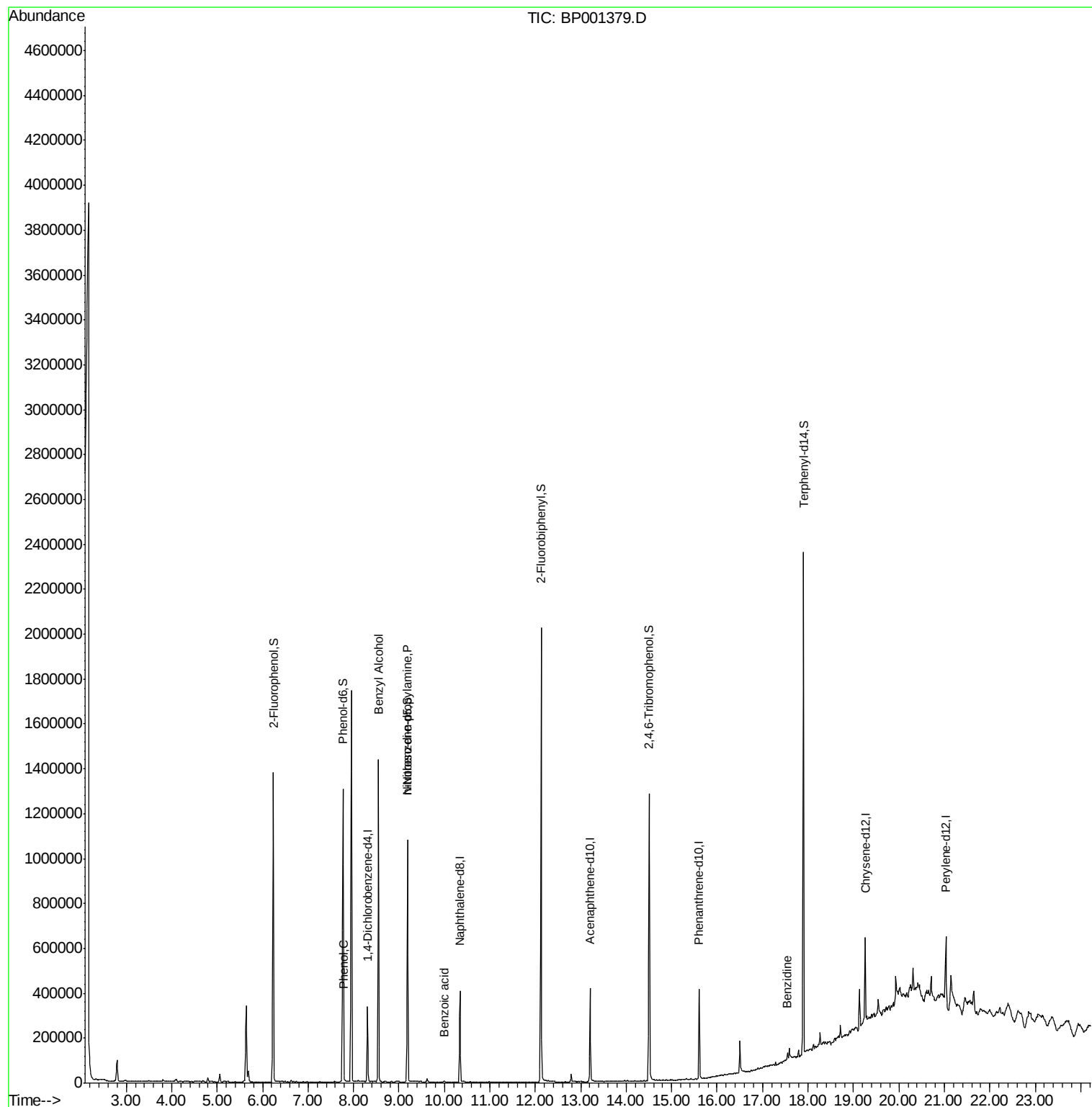
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	55767	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	199634	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	108564	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	192691	20.00	ng	0.00
76) Chrysene-d12	19.26	240	135317	20.00	ng	0.01
87) Perylene-d12	21.03	264	142309	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	415088	120.30	ng	0.04
7) Phenol-d6	7.77	99	495497	110.05	ng	0.02
23) Nitrobenzene-d5	9.19	82	446640	85.91	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	173181	127.59	ng	0.01
45) 2-Fluorobiphenyl	12.13	172	805970	93.87	ng	0.01
79) Terphenyl-d14	17.90	244	783956	99.23	ng	0.01
Target Compounds						
10) Phenol	7.79	94	13313	2.588	ng	# 76
15) Benzyl Alcohol	8.55	79	9395	2.224	ng	# 59
19) n-Nitroso-di-n-propylamine	9.19	70	68361	21.387	ng	# 78
32) Benzoic acid	10.00	122	116	5.071	ng	# 59
77) Benzidine	17.55	184	15288	3.880	ng	# 93

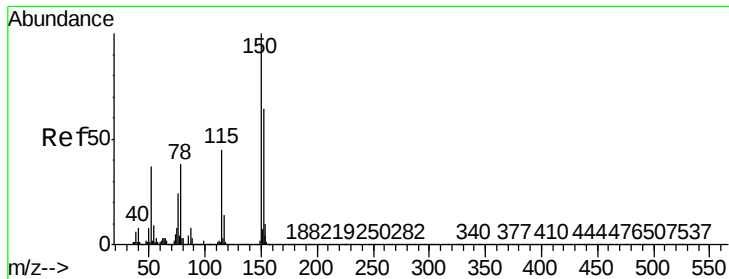
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 20 03:20:39 2019
Response via : Initial Calibration

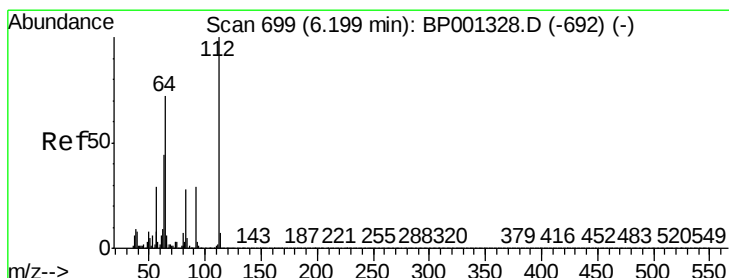
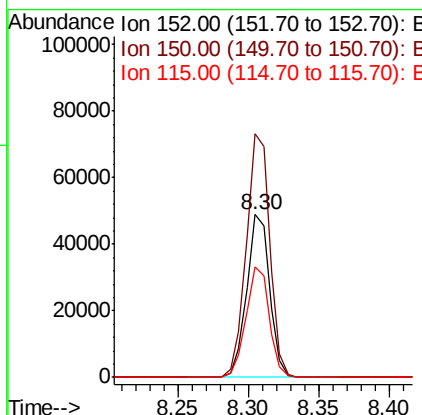
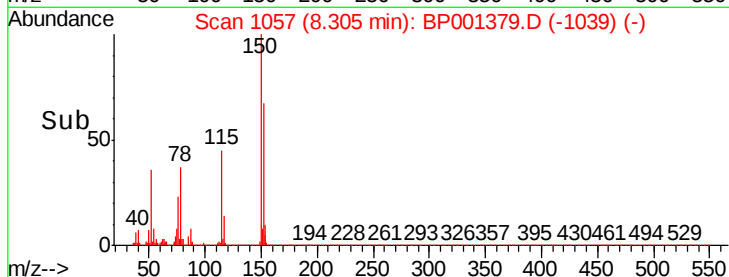
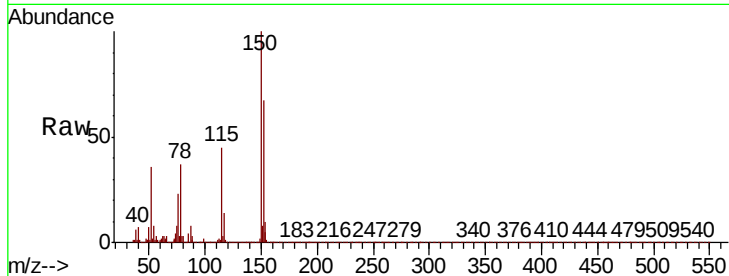




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.01 min
Lab File: BP001379.D
Acq: 23 Dec 2019 21:07

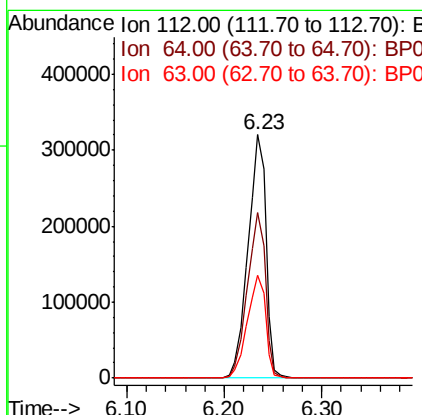
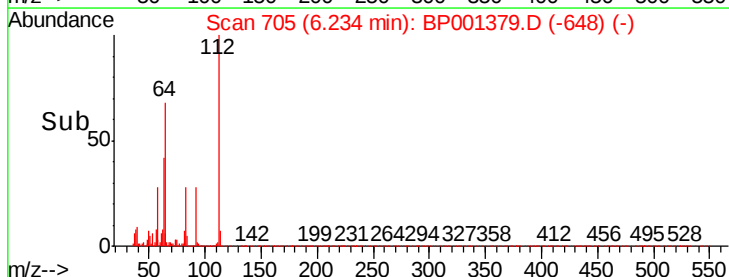
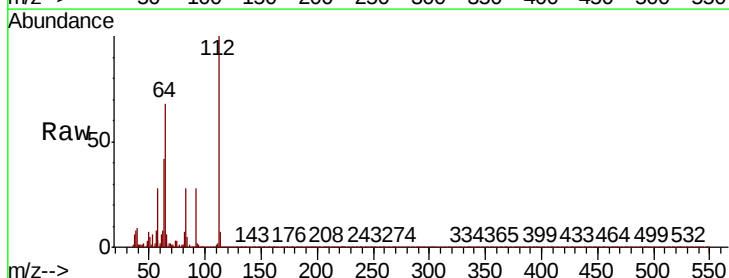
Instrument :
BNA_P
ClientSampleId :

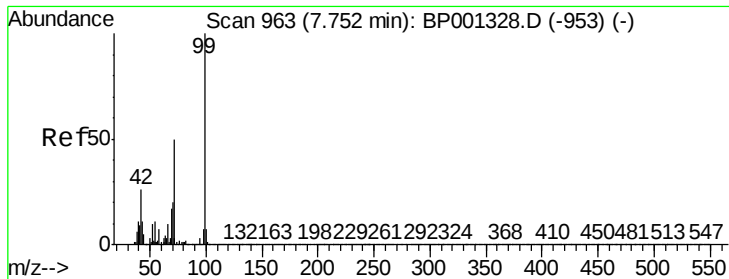
Tot Ion:	152	Resp:	55767
Ion	Ratio	Lower	Upper
152	100		
150	149.5	124.0	186.0
115	67.5	59.3	88.9



#5
2-Fluorophenol
Concen: 120.297 ng
RT: 6.23 min Scan# 705
Delta R.T. 0.04 min
Lab File: BP001379.D
Acq: 23 Dec 2019 21:07

Tgt Ion:	112	Resp:	415088
Ion	Ratio	Lower	Upper
112	100		
64	67.8	57.6	86.4
63	42.5	35.1	52.7





#7

Phenol-d6

Concen: 110.050 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.02 min

Lab File: BP001379.D

Acq: 23 Dec 2019 21:07

Instrument :

BNA_P

ClientSampled :

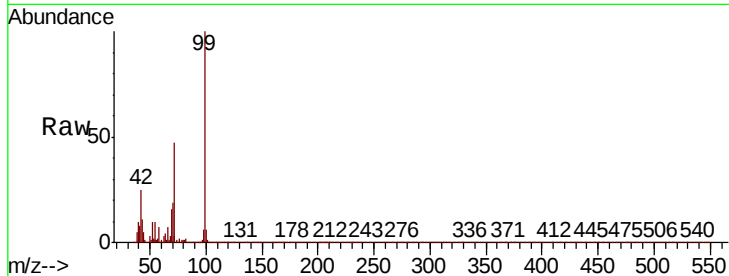
Tot Ion: 99 Resp: 495497

Ion Ratio Lower Upper

99 100

42 24.9 20.9 31.3

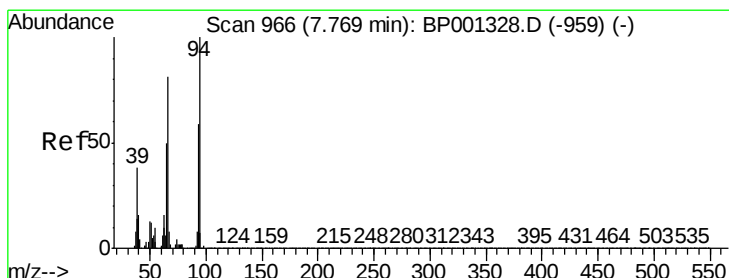
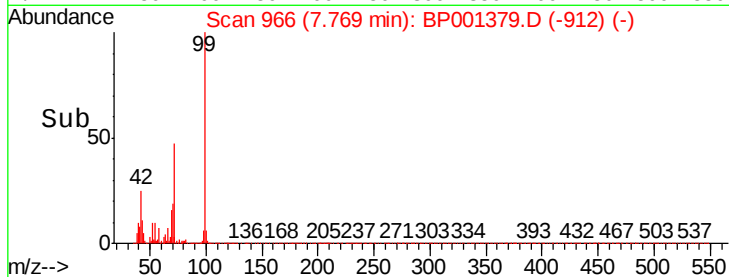
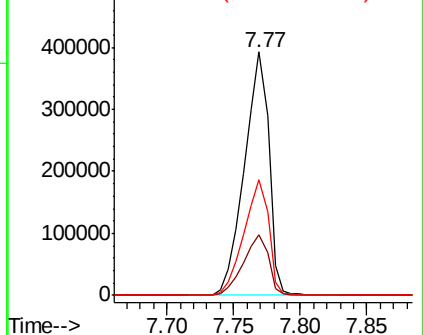
71 47.4 40.0 60.0



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#10

Phenol

Concen: 2.588 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.02 min

Lab File: BP001379.D

Acq: 23 Dec 2019 21:07

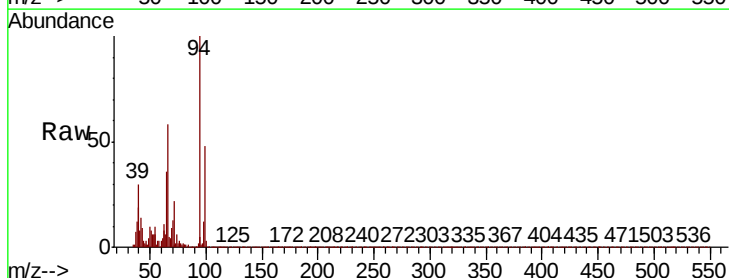
Tgt Ion: 94 Resp: 13313

Ion Ratio Lower Upper

94 100

65 36.1 30.4 70.4

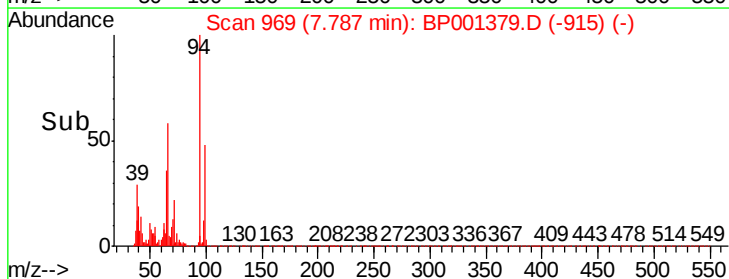
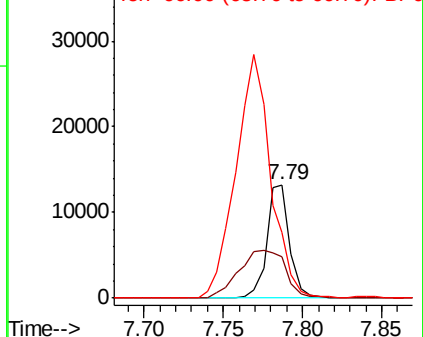
66 58.4 62.0 102.0#

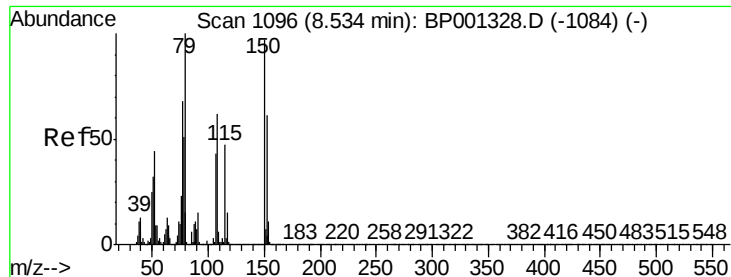


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0





#15

Benzyl Alcohol

Concen: 2.224 ng

RT: 8.55 min Scan# 1099

Delta R.T. 0.02 min

Lab File: BP001379.D

Acq: 23 Dec 2019 21:07

Instrument :

BNA_P

ClientSampleId :

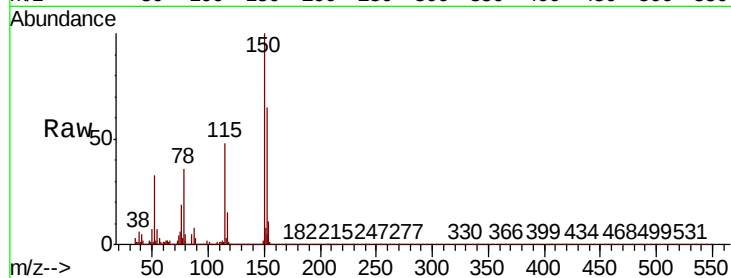
Tot Ion: 79 Resp: 9395

Ion Ratio Lower Upper

79 100

108 38.6 49.3 73.9#

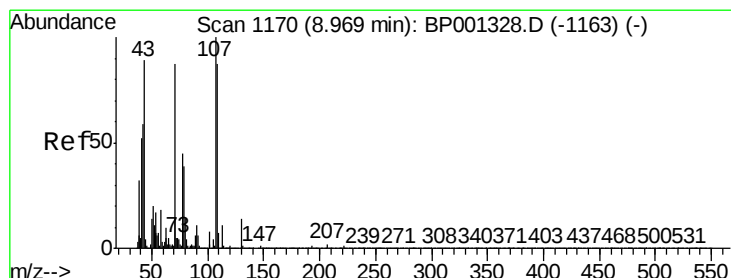
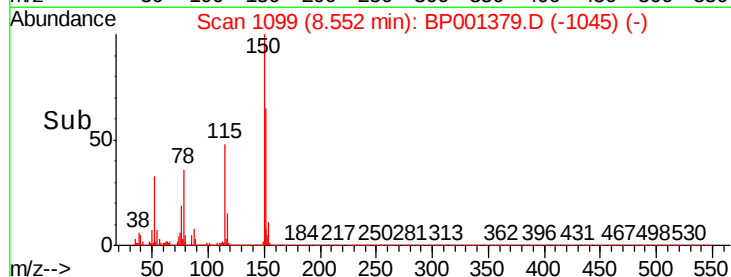
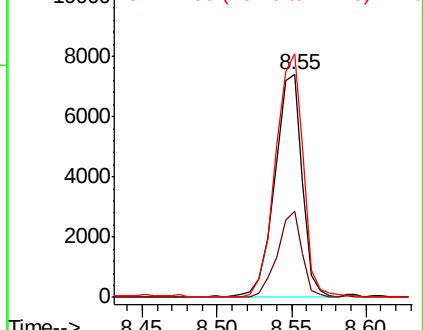
77 109.2 54.4 81.6#



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0



#19

n-Nitroso-di-n-propylamine

Concen: 21.387 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.22 min

Lab File: BP001379.D

Acq: 23 Dec 2019 21:07

Tgt Ion: 70 Resp: 68361

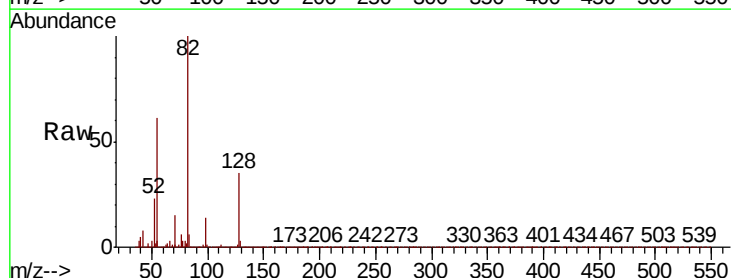
Ion Ratio Lower Upper

70 100

42 52.6 54.1 81.1#

101 0.0 7.0 10.4#

130 1.7 13.0 19.6#

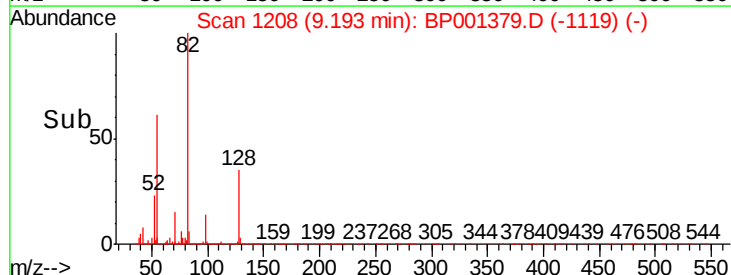
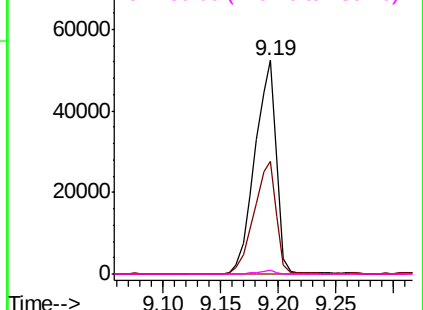


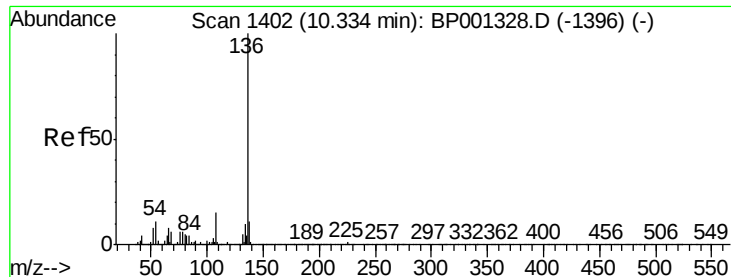
Abundance Ion 70.00 (69.70 to 70.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

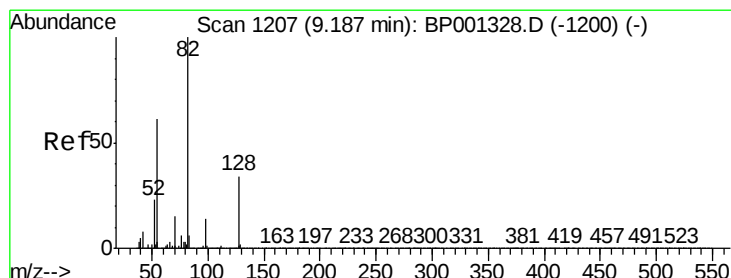
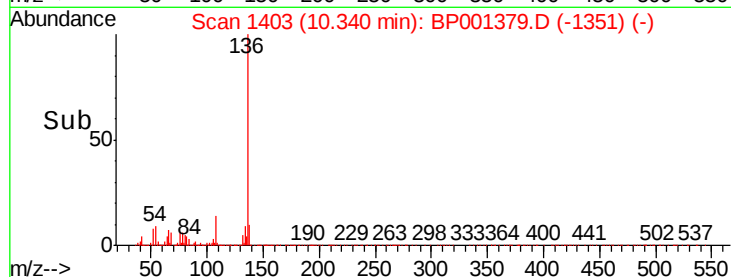
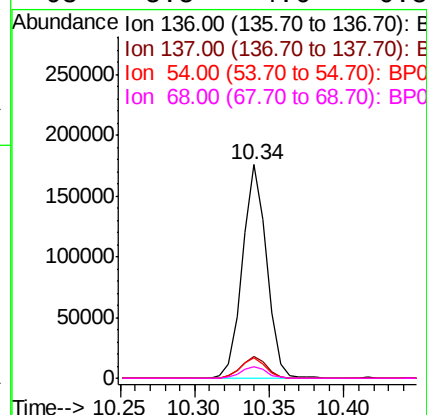
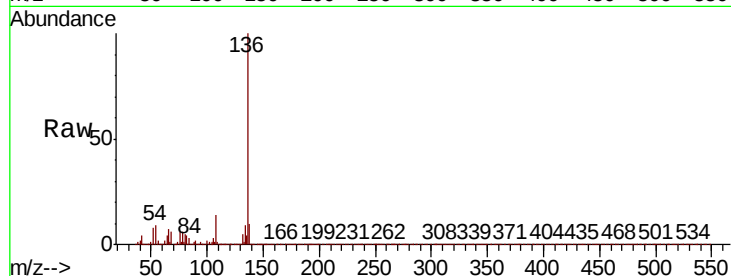




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BP001379.D
Acq: 23 Dec 2019 21:07

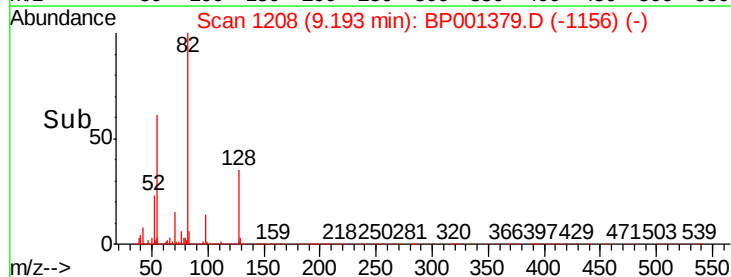
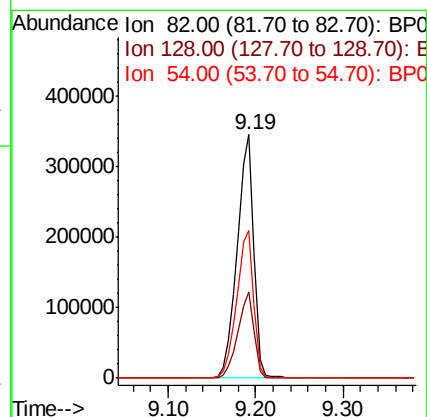
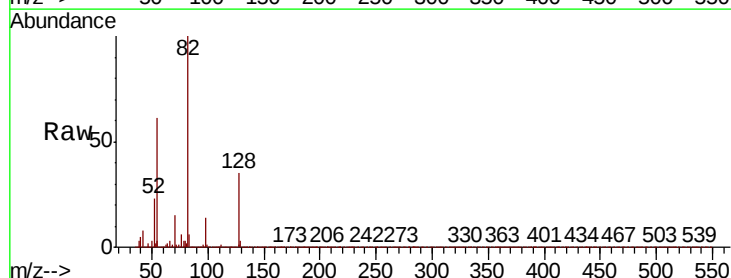
Instrument :
BNA_P
ClientSampleId :

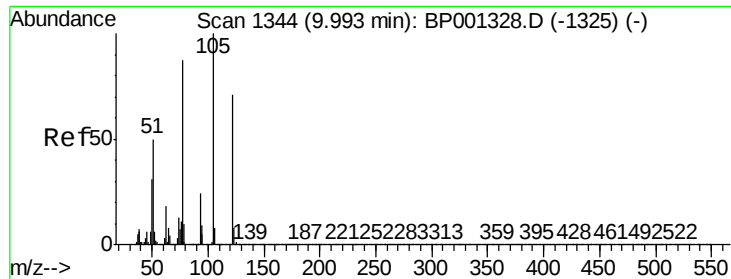
Tot Ion:136	Resp:	199634	
Ion Ratio	Lower	Upper	
136 100			
137 10.4	8.8	13.2	
54 9.4	8.8	13.2	
68 5.5	4.6	6.8	



#23
Nitrobenzene-d5
Concen: 85.915 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BP001379.D
Acq: 23 Dec 2019 21:07

Tgt Ion: 82	Resp: 446640
Ion Ratio	Lower Upper
82 100	
128 35.2	27.0 40.4
54 60.6	49.0 73.4

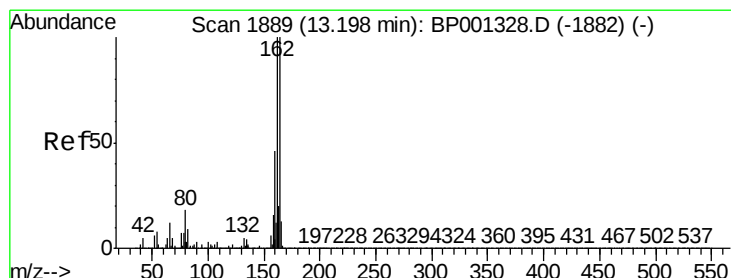
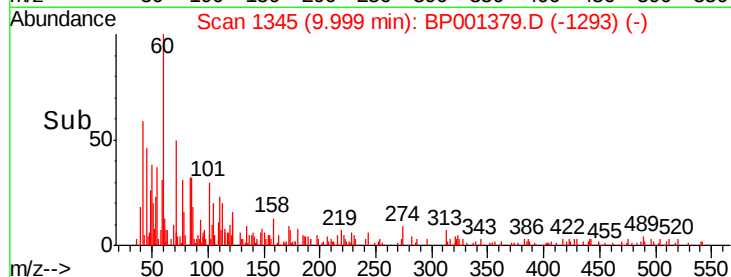
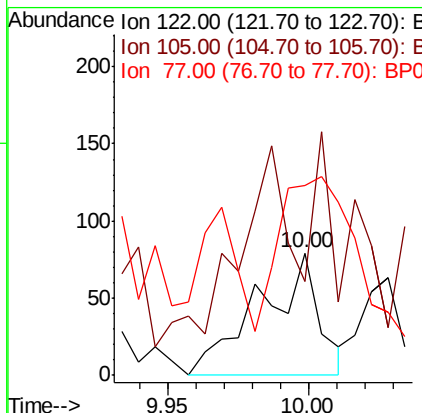
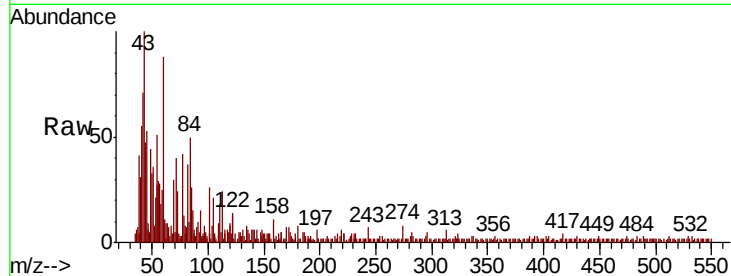




#32
Benzoic acid
Concen: 5.071 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BP001379.D
Acq: 23 Dec 2019 21:07

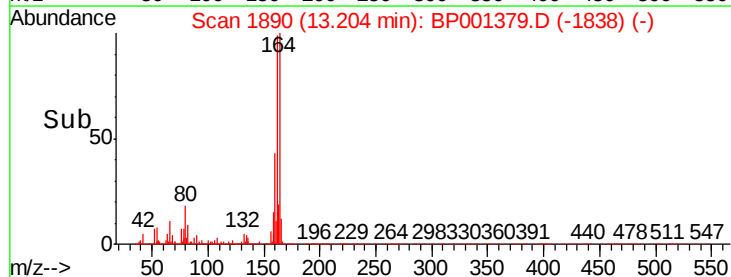
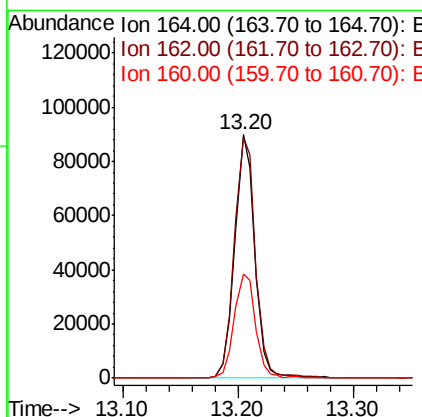
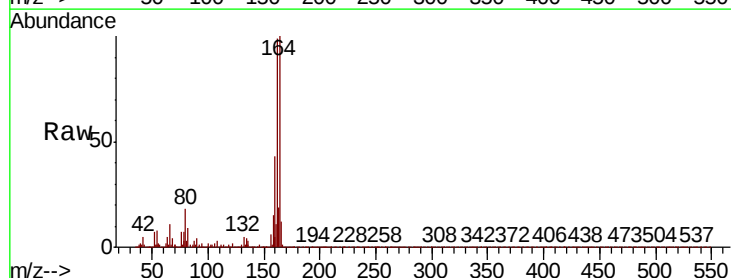
Instrument :
BNA_P
ClientSampled :

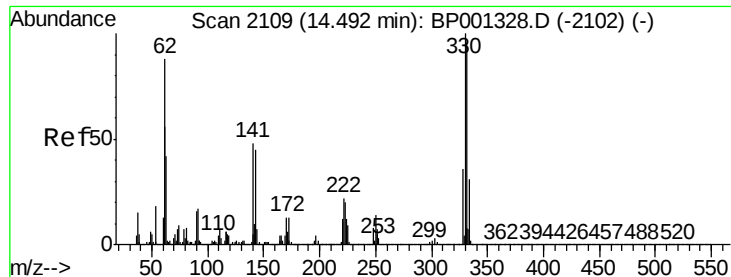
Tot Ion:122 Resp: 116
Ion Ratio Lower Upper
122 100
105 77.2 118.5 158.5#
77 155.7 101.3 141.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1890
Delta R.T. 0.01 min
Lab File: BP001379.D
Acq: 23 Dec 2019 21:07

Tgt Ion:164 Resp: 108564
Ion Ratio Lower Upper
164 100
162 98.9 80.3 120.5
160 42.7 36.6 54.8

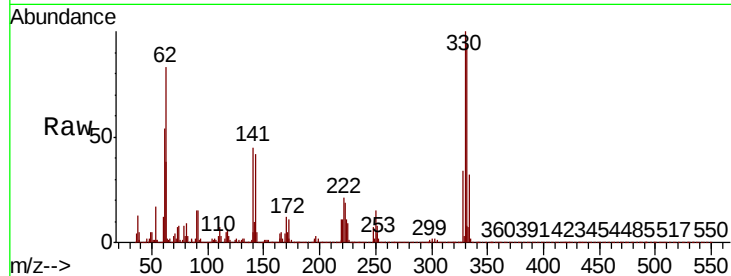




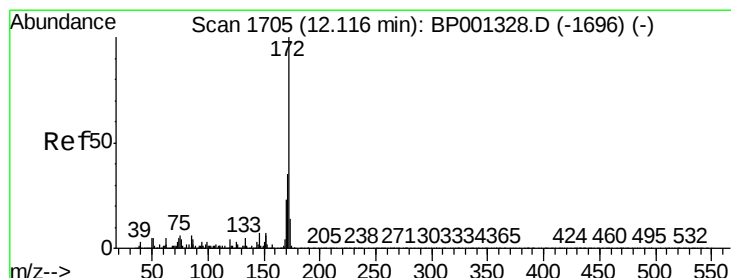
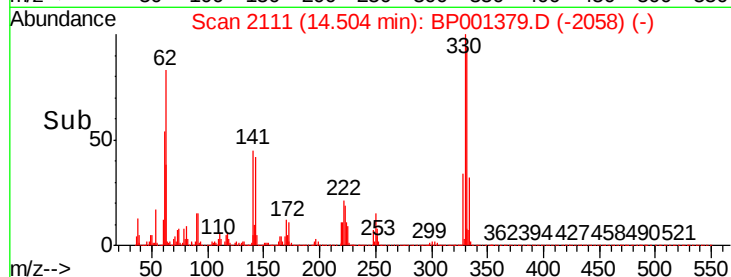
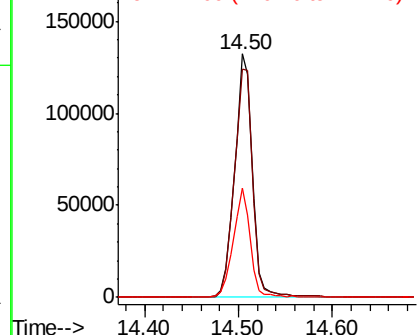
#42
2,4,6-Tribromophenol
Concen: 127.592 ng
RT: 14.50 min Scan# 2111
Delta R.T. 0.01 min
Lab File: BP001379.D
Acq: 23 Dec 2019 21:07

Instrument :
BNA_P
ClientSampleId :

Tot Ion:330 Resp: 173181
Ion Ratio Lower Upper
330 100
332 98.0 78.7 118.1
141 43.1 36.2 54.4

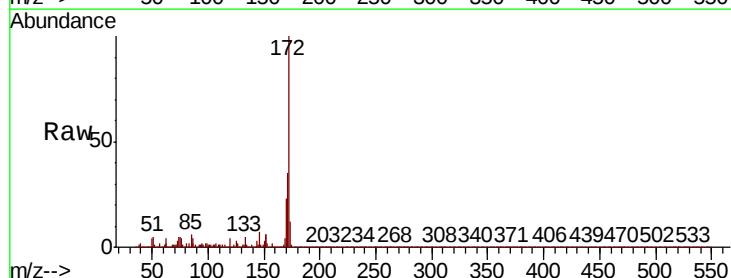


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

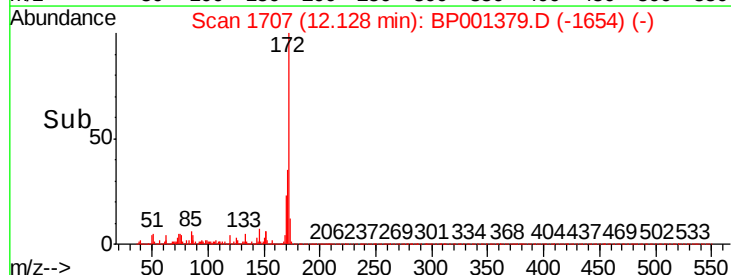
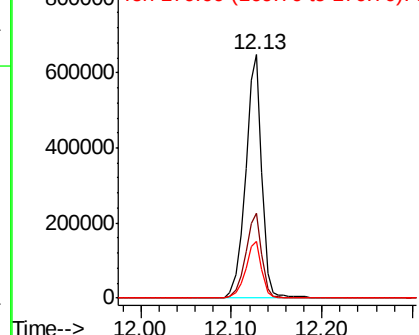


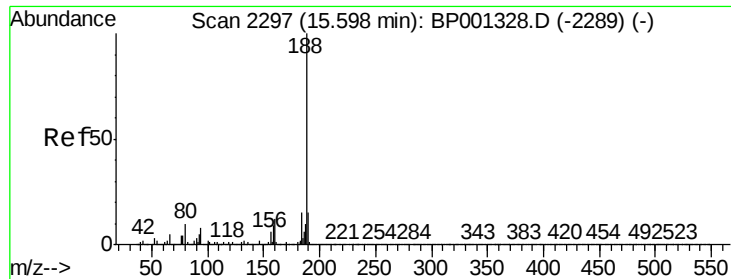
#45
2-Fluorobiphenyl
Concen: 93.874 ng
RT: 12.13 min Scan# 1707
Delta R.T. 0.01 min
Lab File: BP001379.D
Acq: 23 Dec 2019 21:07

Tgt Ion:172 Resp: 805970
Ion Ratio Lower Upper
172 100
171 34.9 27.7 41.5
170 23.1 18.6 28.0



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.60 min Scan# 2298

Delta R.T. 0.01 min

Lab File: BP001379.D

Acq: 23 Dec 2019 21:07

Instrument :

BNA_P

ClientSampleId :

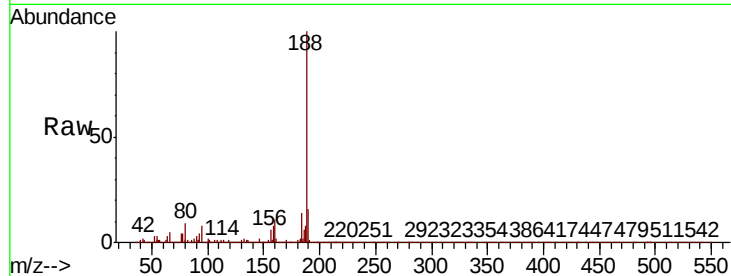
Tot Ion:188 Resp: 192691

Ion Ratio Lower Upper

188 100

94 8.1 6.6 10.0

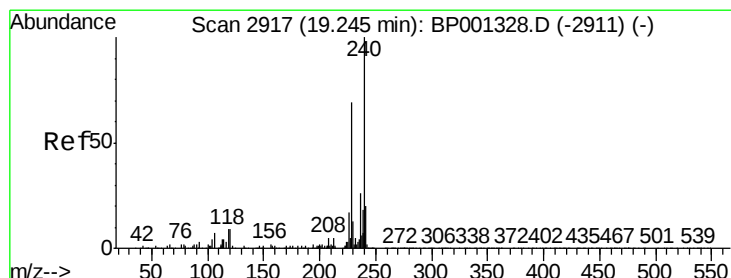
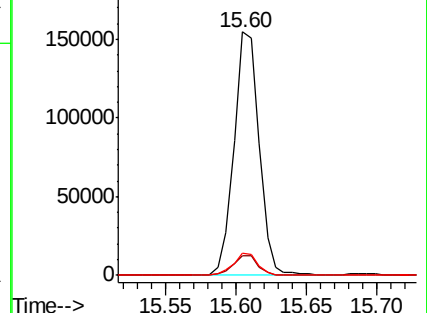
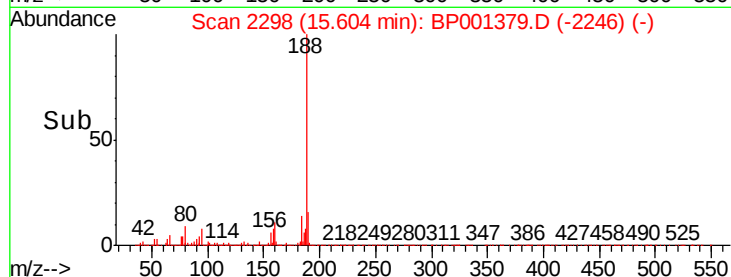
80 9.0 7.8 11.6



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: 19.26 min Scan# 2919

Delta R.T. 0.01 min

Lab File: BP001379.D

Acq: 23 Dec 2019 21:07

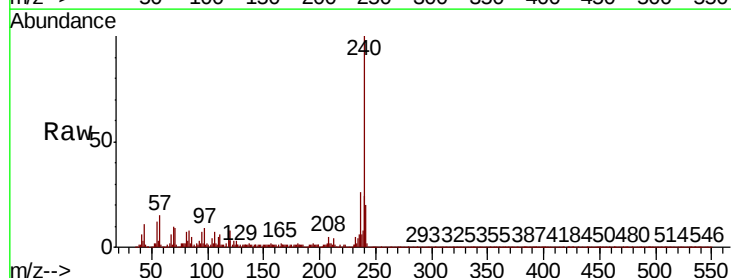
Tgt Ion:240 Resp: 135317

Ion Ratio Lower Upper

240 100

120 7.5 7.6 11.4#

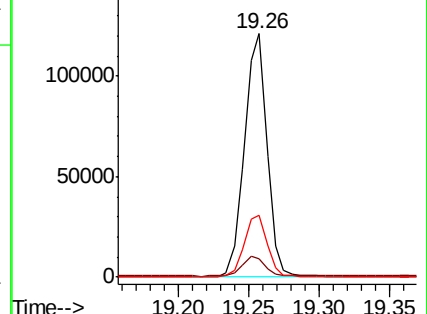
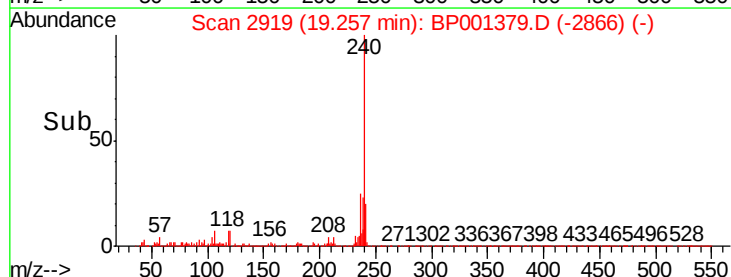
236 25.5 21.0 31.4

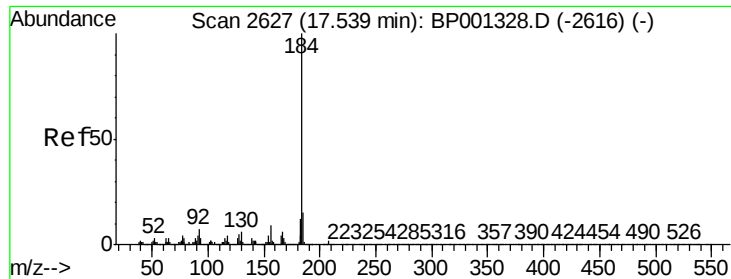


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.880 ng

RT: 17.55 min Scan# 2629

Delta R.T. 0.01 min

Lab File: BP001379.D

Acq: 23 Dec 2019 21:07

Instrument :

BNA_P

ClientSampleId :

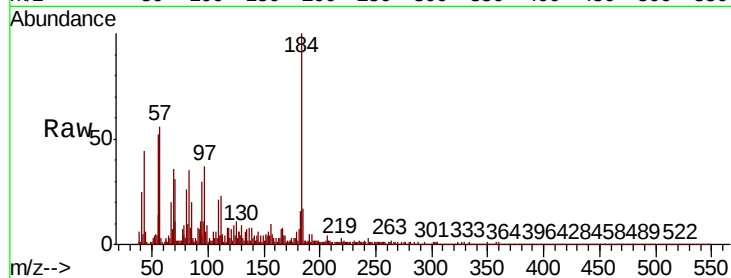
Tot Ion:184 Resp: 15288

Ion Ratio Lower Upper

184 100

185 16.7 11.7 17.5

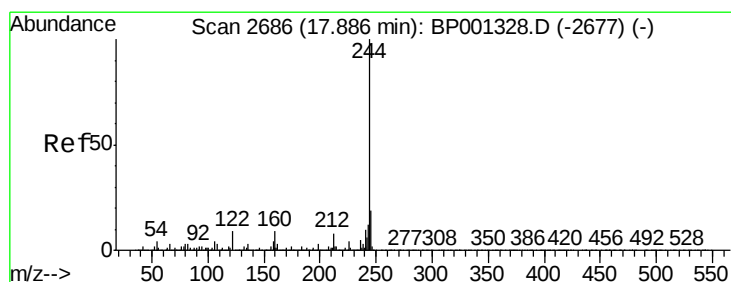
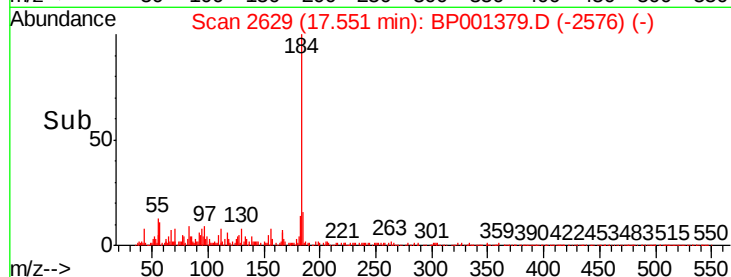
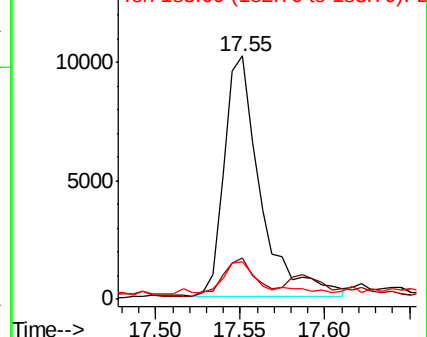
183 15.6 9.8 14.8#



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: 99.229 ng

RT: 17.90 min Scan# 2688

Delta R.T. 0.01 min

Lab File: BP001379.D

Acq: 23 Dec 2019 21:07

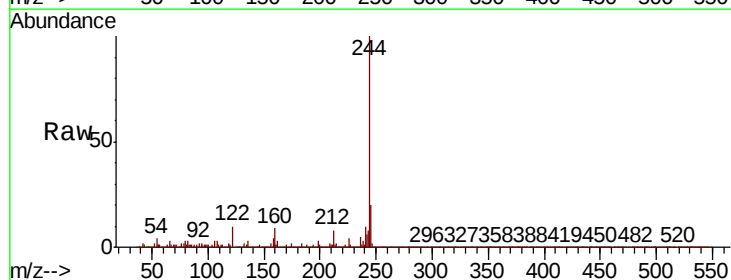
Tgt Ion:244 Resp: 783956

Ion Ratio Lower Upper

244 100

212 8.3 6.6 9.8

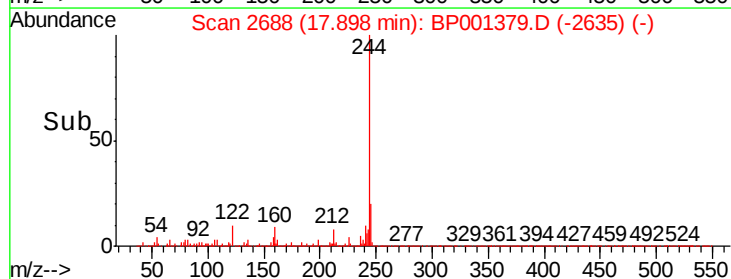
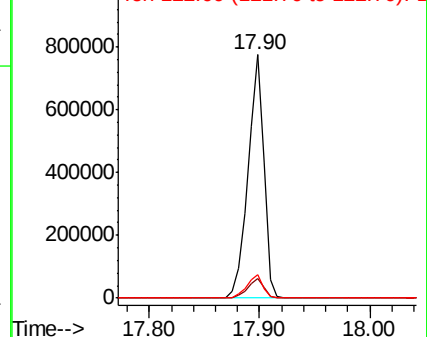
122 9.8 7.6 11.4

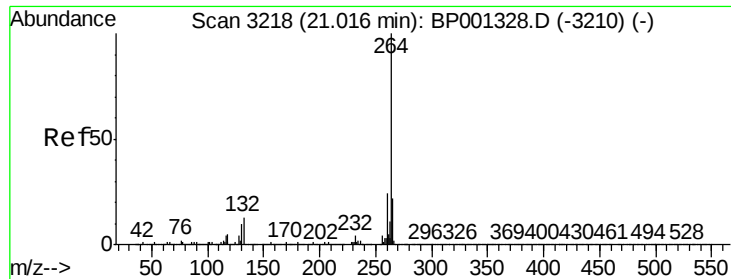


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

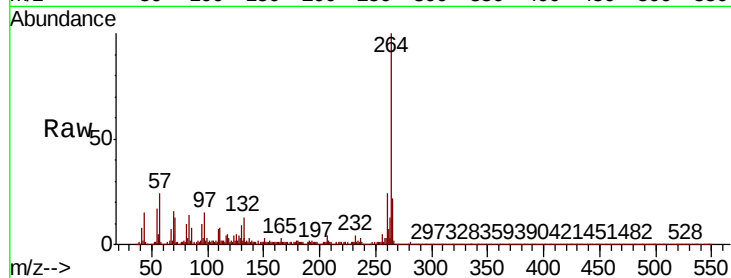




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 21.03 min Scan# 3221
 Delta R.T. 0.02 min
 Lab File: BP001379.D
 Acq: 23 Dec 2019 21:07

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.9	17.4	26.2



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

