

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
 Data File : BP001381.D
 Acq On : 23 Dec 2019 22:07
 Operator : JU
 Sample : K6372-20
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 24 01:34:10 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

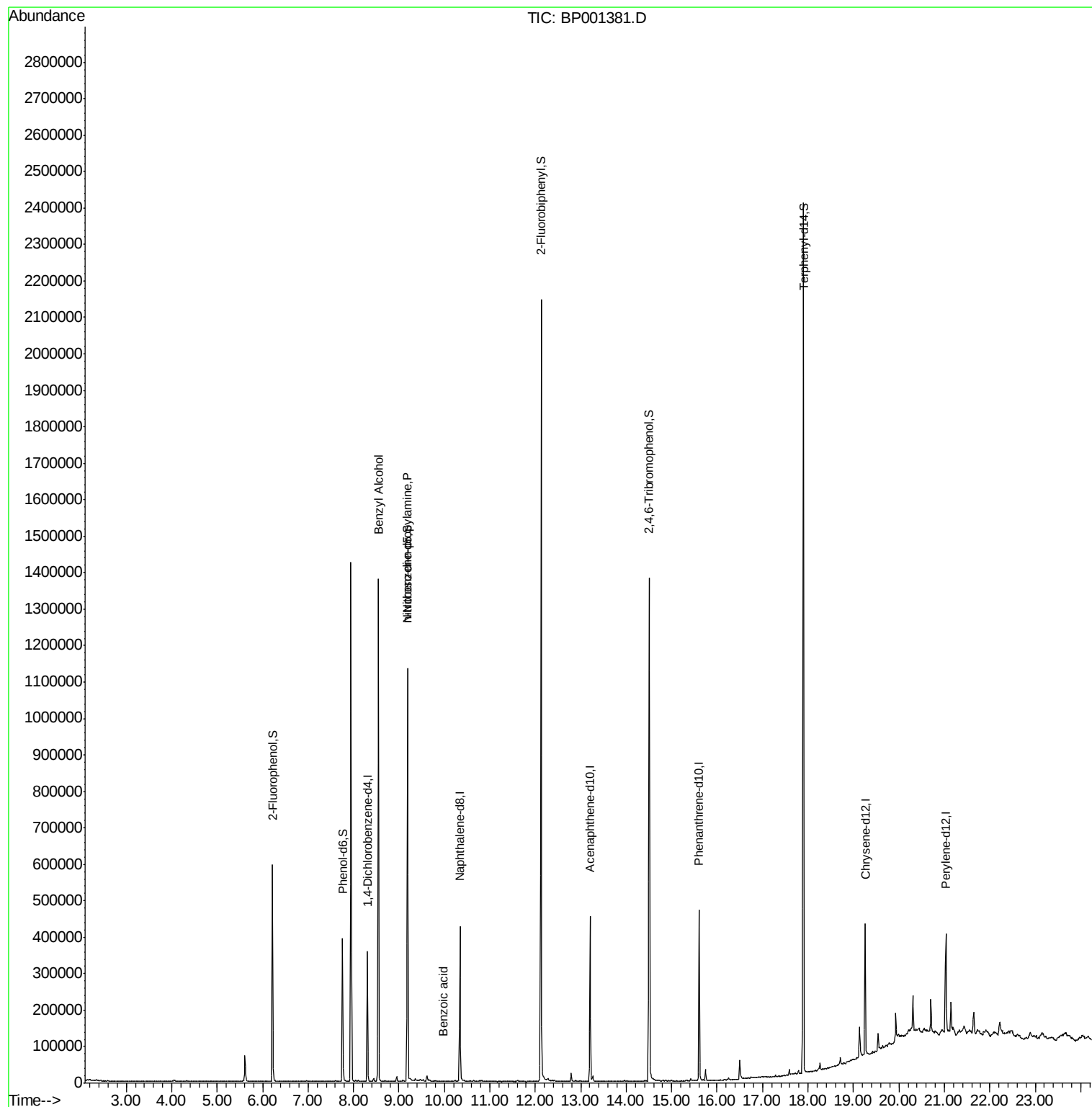
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	56573	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	203956	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	118738	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	213782	20.00	ng	0.00
76) Chrysene-d12	19.26	240	144110	20.00	ng	0.01
87) Perylene-d12	21.03	264	149935	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	169225	48.34	ng	0.02
7) Phenol-d6	7.76	99	129695	28.39	ng	0.00
23) Nitrobenzene-d5	9.19	82	444572	83.70	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	185396	124.89	ng	0.01
45) 2-Fluorobiphenyl	12.13	172	839131	89.36	ng	0.01
79) Terphenyl-d14	17.90	244	876762	104.20	ng	0.01
Target Compounds						
15) Benzyl Alcohol	8.55	79	9297	2.169	ng	# 53
19) n-Nitroso-di-n-propylamine	9.19	70	67695	20.877	ng	# 77
32) Benzoic acid	9.98	122	19	5.030	ng	# 30

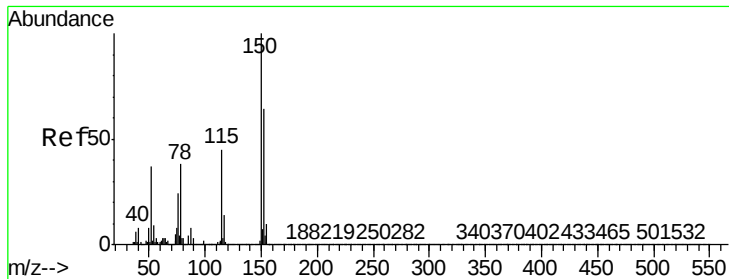
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.30 min Scan# 1057

Delta R.T. 0.01 min

Lab File: BP001381.D

Acq: 23 Dec 2019 22:07

Instrument :

BNA_P

ClientSampleId :

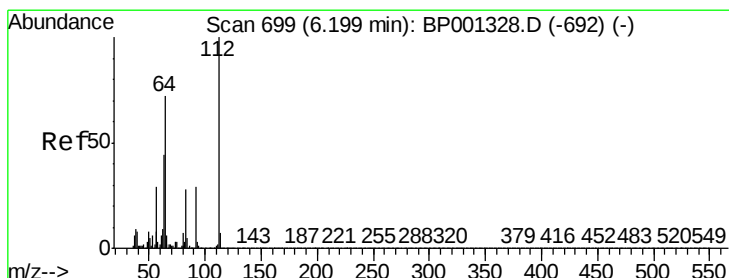
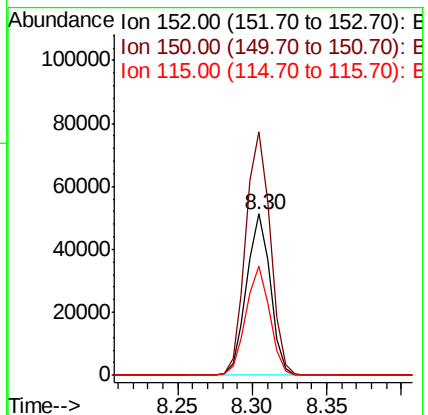
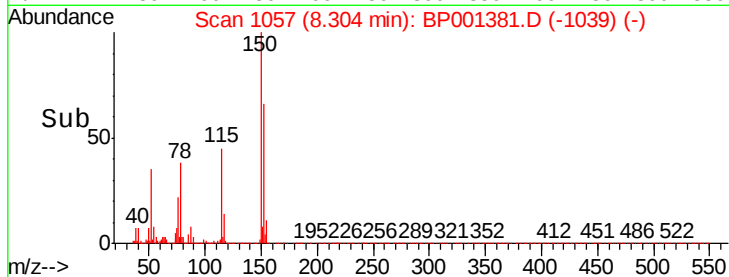
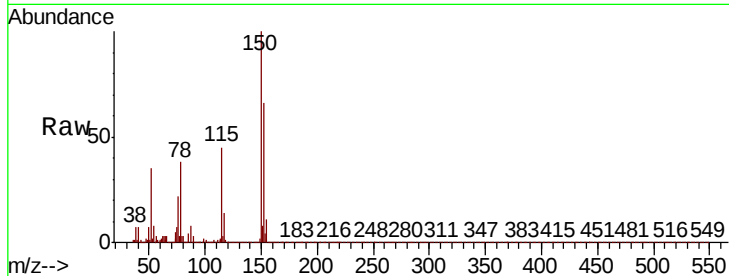
Tot Ion:152 Resp: 56573

Ion Ratio Lower Upper

152 100

150 150.7 124.0 186.0

115 67.8 59.3 88.9



#5

2-Fluorophenol

Concen: 48.345 ng

RT: 6.22 min Scan# 702

Delta R.T. 0.02 min

Lab File: BP001381.D

Acq: 23 Dec 2019 22:07

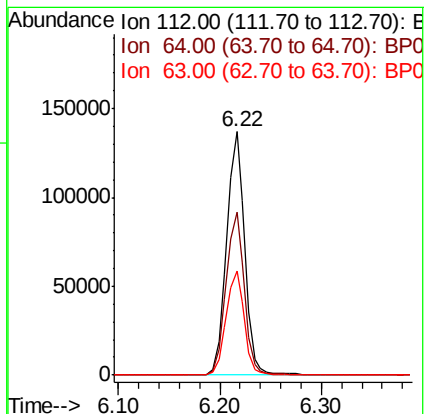
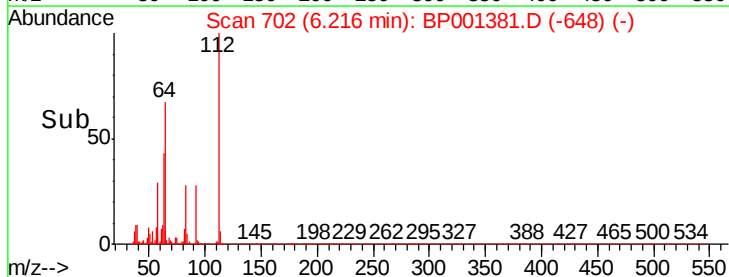
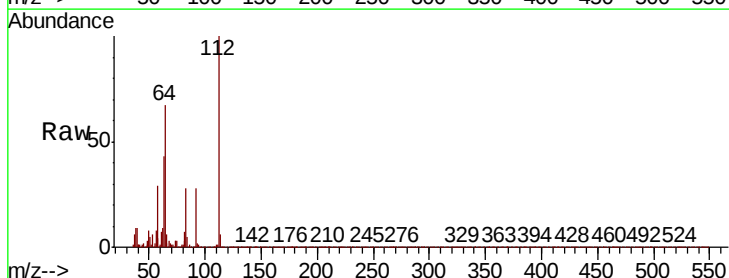
Tgt Ion:112 Resp: 169225

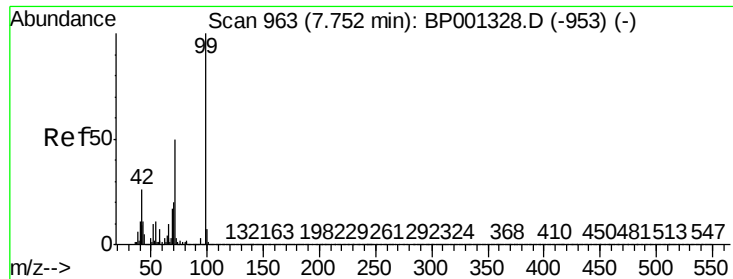
Ion Ratio Lower Upper

112 100

64 66.9 57.6 86.4

63 42.8 35.1 52.7





#7

Phenol-d6

Concen: 28.395 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BP001381.D

Acq: 23 Dec 2019 22:07

Instrument :

BNA_P

ClientSampled :

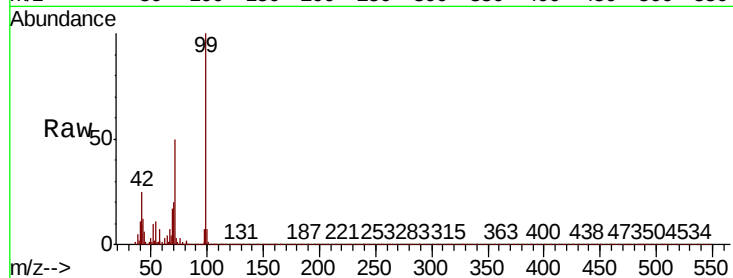
Tot Ion: 99 Resp: 129695

Ion Ratio Lower Upper

99 100

42 25.2 20.9 31.3

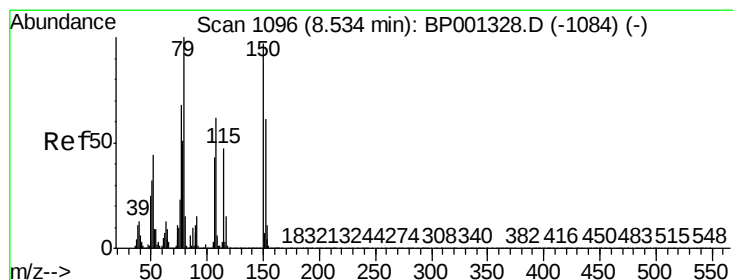
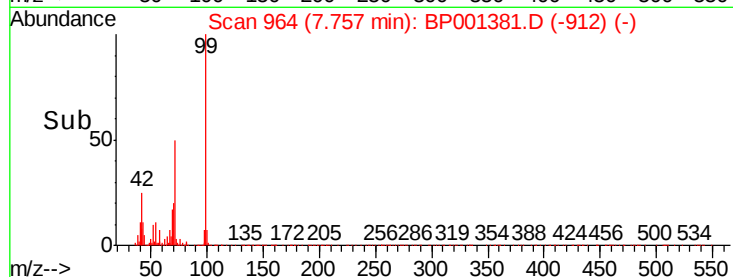
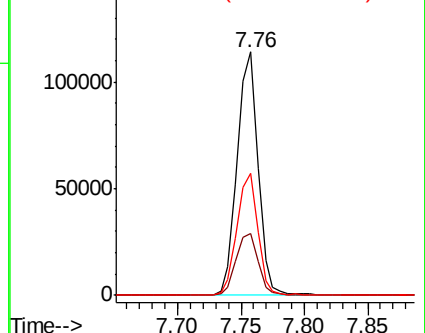
71 50.2 40.0 60.0



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



#15

Benzyl Alcohol

Concen: 2.169 ng

RT: 8.55 min Scan# 1098

Delta R.T. 0.01 min

Lab File: BP001381.D

Acq: 23 Dec 2019 22:07

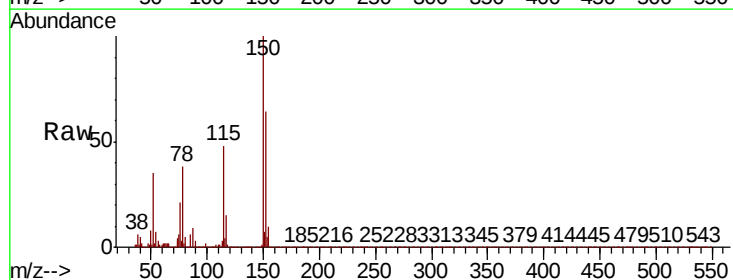
Tgt Ion: 79 Resp: 9297

Ion Ratio Lower Upper

79 100

108 34.5 49.3 73.9#

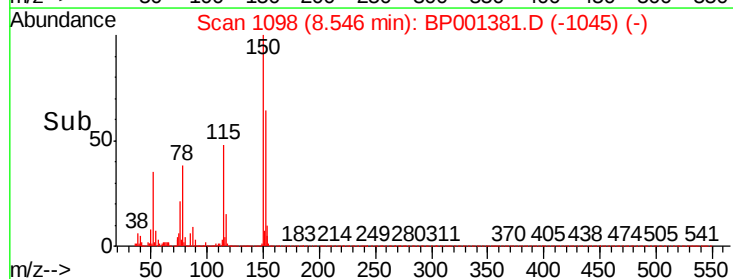
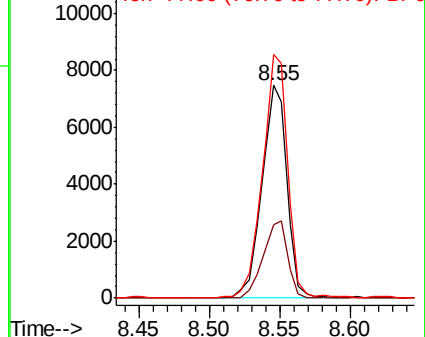
77 114.4 54.4 81.6#

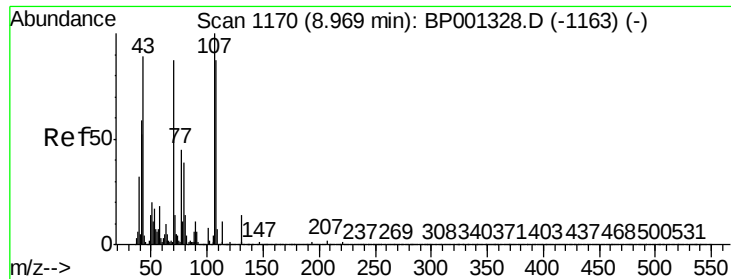


Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

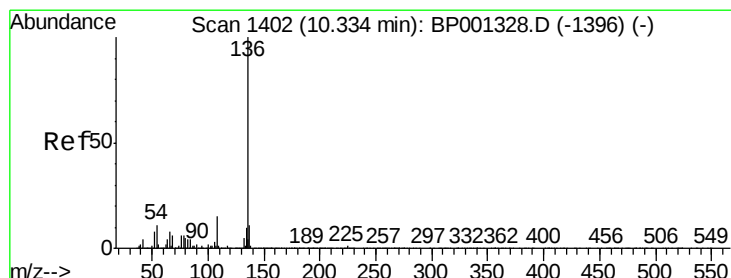
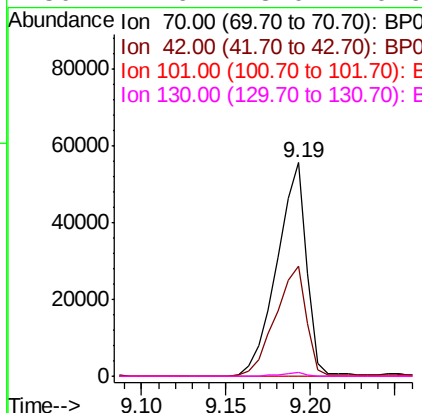
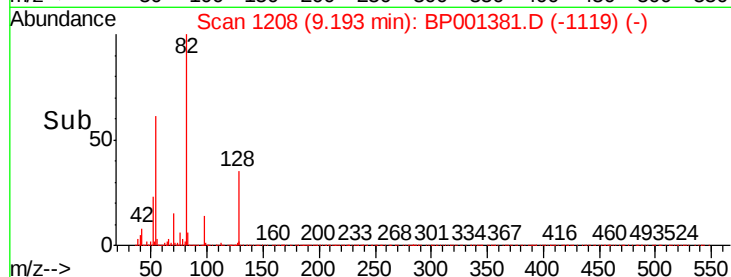
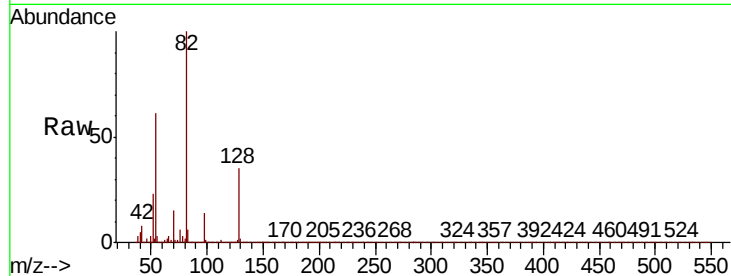




#19
n-Nitroso-di-n-propylamine
Concen: 20.877 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.22 min
Lab File: BP001381.D
Acq: 23 Dec 2019 22:07

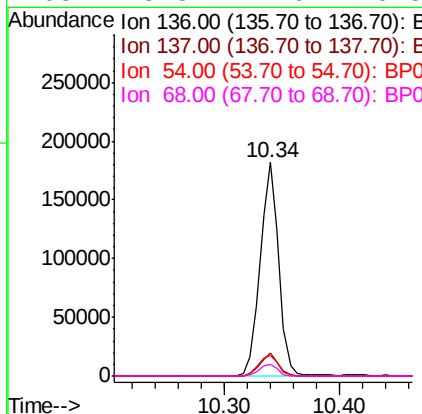
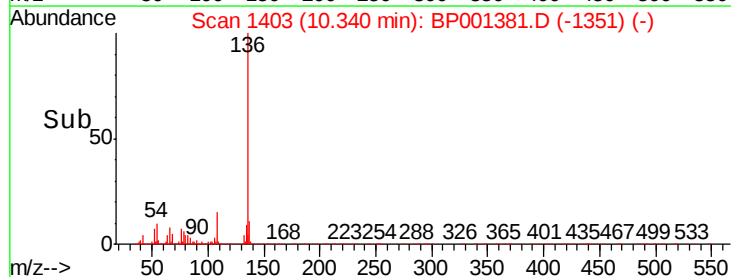
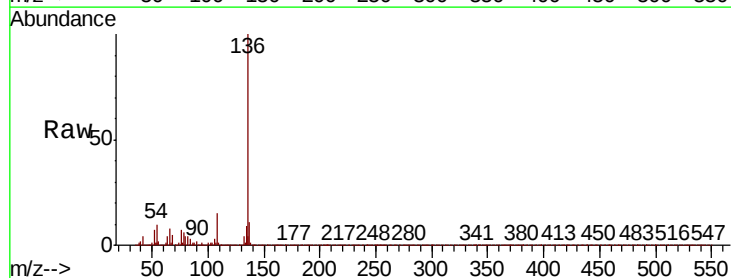
Instrument :
BNA_P
ClientSampleId :

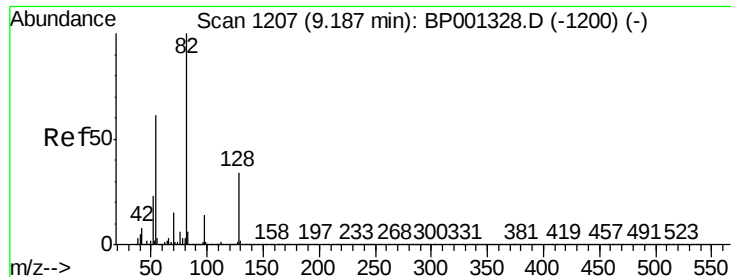
Tot Ion: 70 Resp: 67695
Ion Ratio Lower Upper
70 100
42 51.7 54.1 81.1#
101 0.1 7.0 10.4#
130 1.6 13.0 19.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BP001381.D
Acq: 23 Dec 2019 22:07

Tgt Ion:136 Resp: 203956
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.7 8.8 13.2
68 5.3 4.6 6.8

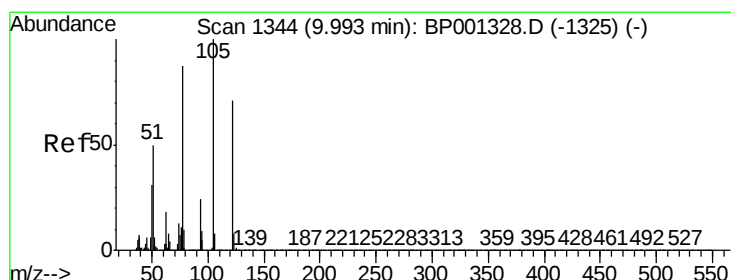
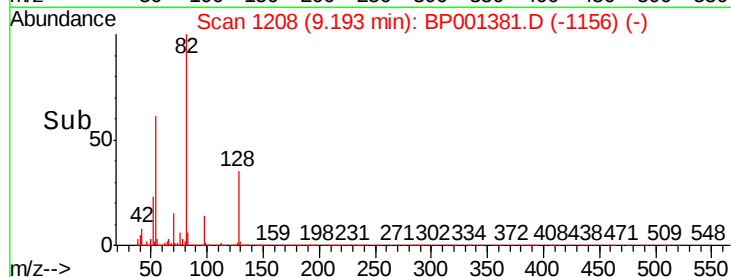
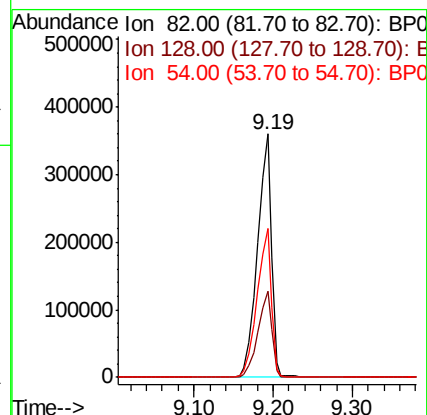
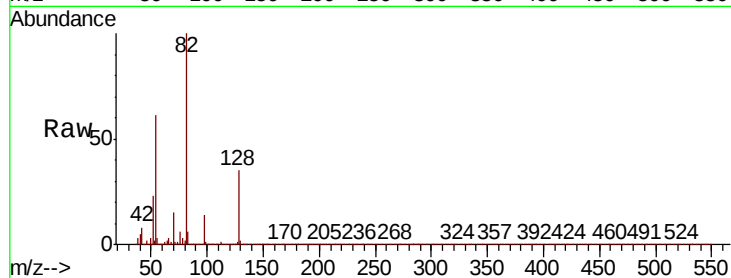




#23
Nitrobenzene-d5
Concen: 83.705 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BP001381.D
Acq: 23 Dec 2019 22:07

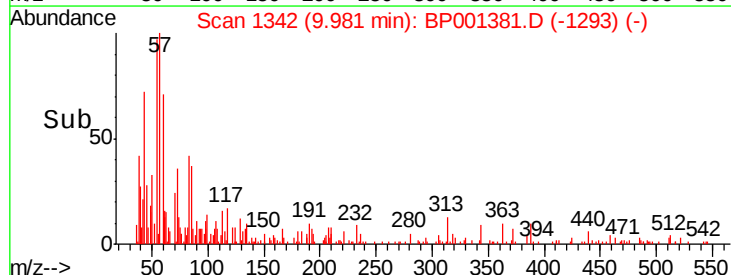
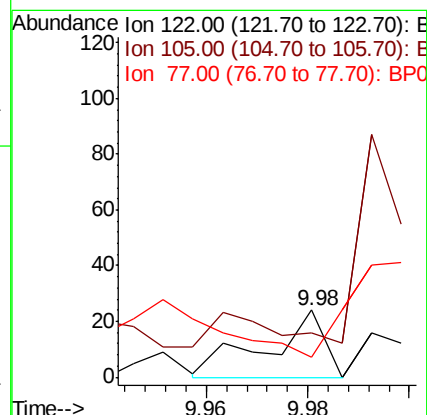
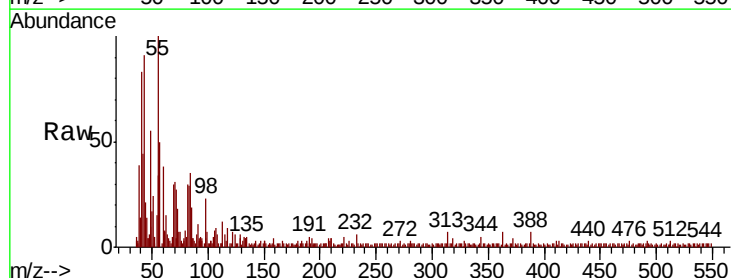
Instrument :
BNA_P
ClientSampleId :

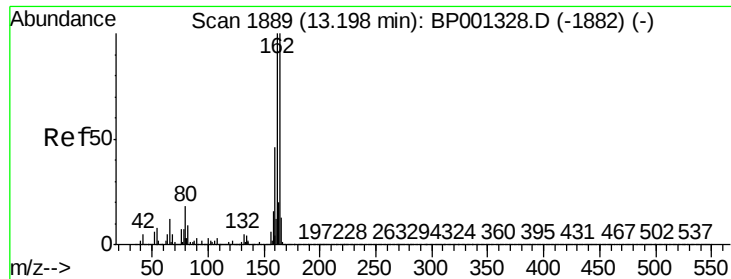
Tot Ion: 82 Resp: 444572
Ion Ratio Lower Upper
82 100
128 35.2 27.0 40.4
54 61.3 49.0 73.4



#32
Benzoic acid
Concen: 5.030 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BP001381.D
Acq: 23 Dec 2019 22:07

Tgt Ion:122 Resp: 19
Ion Ratio Lower Upper
122 100
105 66.7 118.5 158.5#
77 29.2 101.3 141.3#

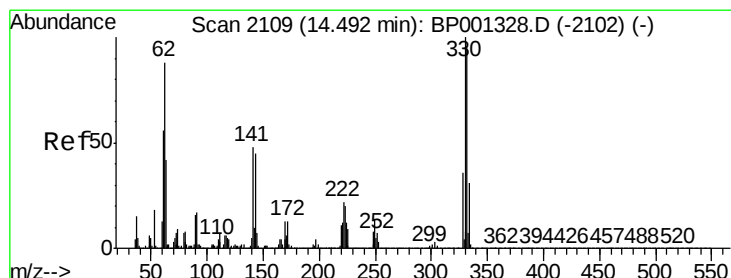
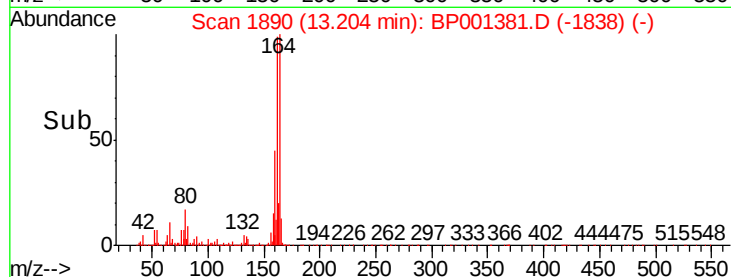
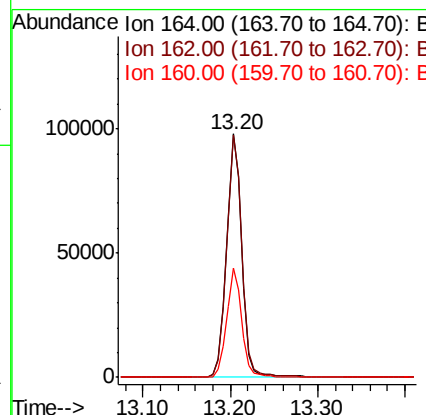
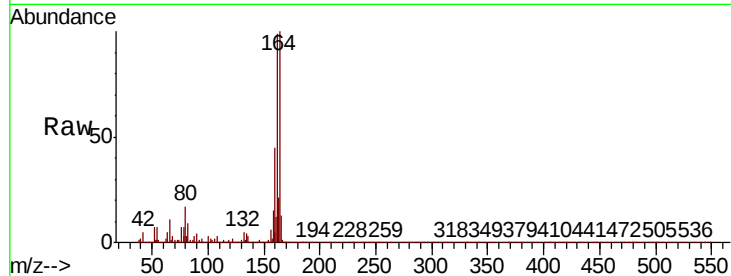




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1890
Delta R.T. 0.01 min
Lab File: BP001381.D
Acq: 23 Dec 2019 22:07

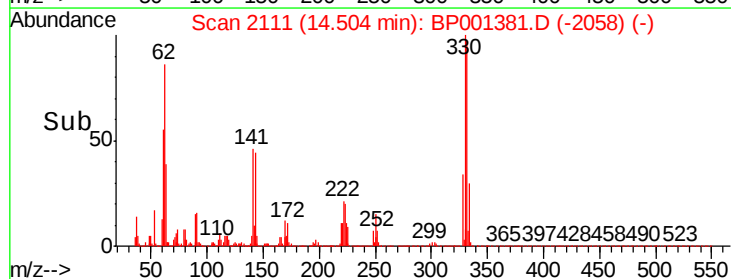
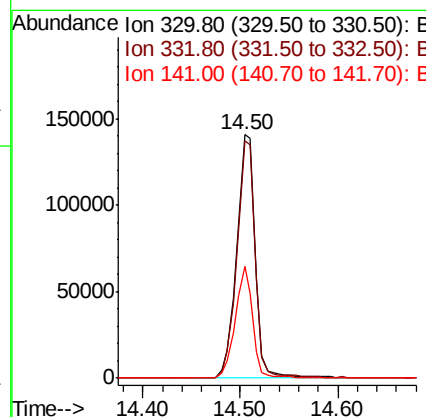
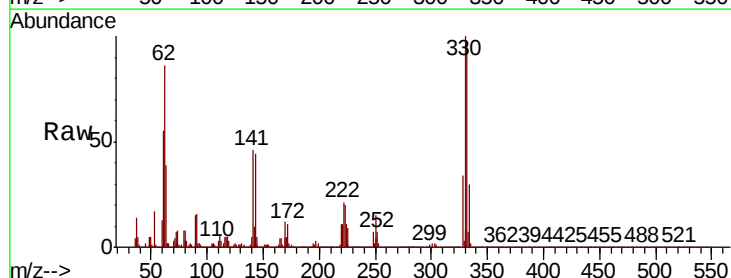
Instrument :
BNA_P
ClientSampled :

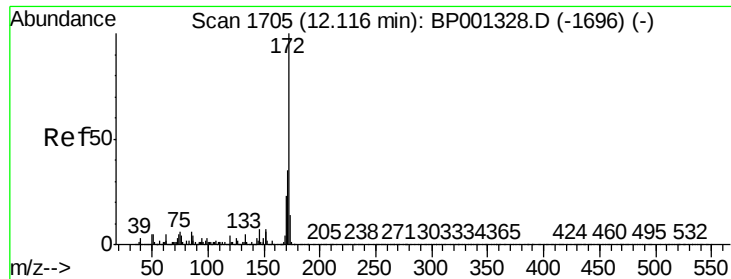
Tot Ion	Ratio	Lower	Upper
164	100		
162	99.4	80.3	120.5
160	45.0	36.6	54.8



#42
2,4,6-Tribromophenol
Concen: 124.888 ng
RT: 14.50 min Scan# 2111
Delta R.T. 0.01 min
Lab File: BP001381.D
Acq: 23 Dec 2019 22:07

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.7	118.1
141	43.2	36.2	54.4

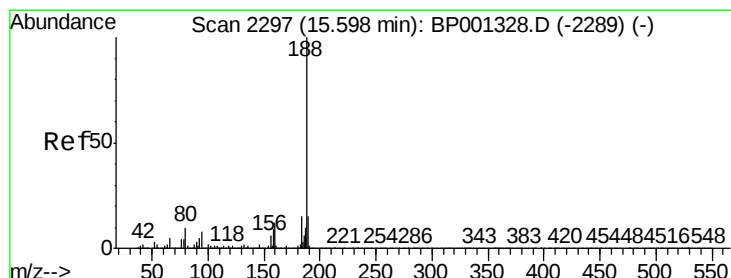
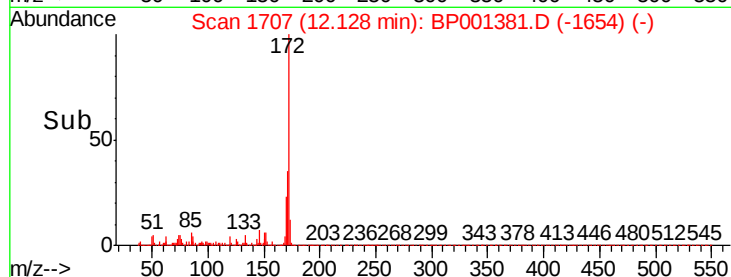
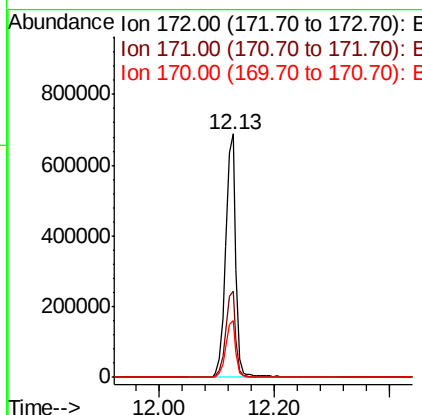
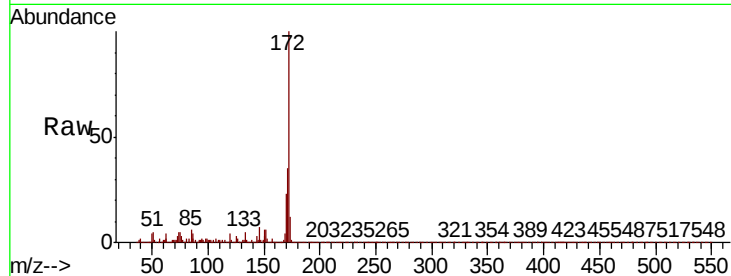




#45
2-Fluorobiphenyl
Concen: 89.362 ng
RT: 12.13 min Scan# 1707
Delta R.T. 0.01 min
Lab File: BP001381.D
Acq: 23 Dec 2019 22:07

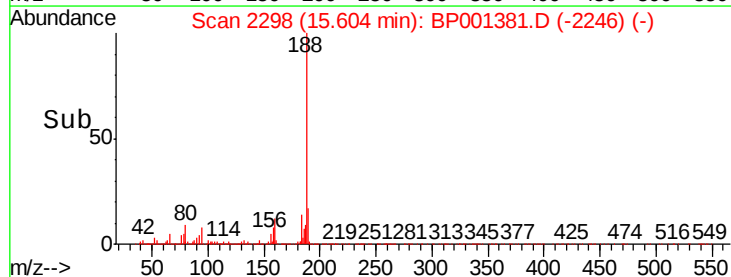
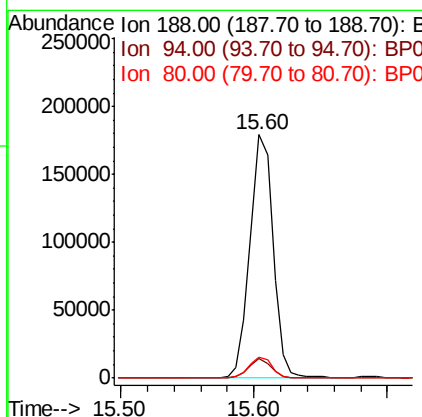
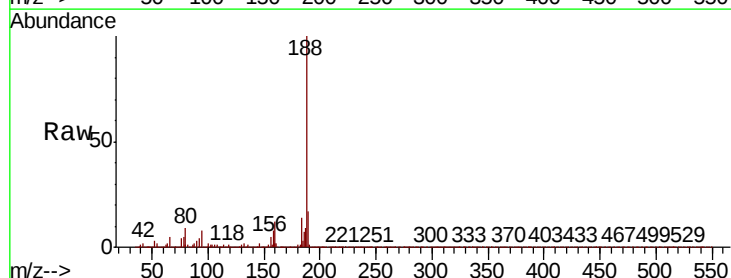
Instrument :
BNA_P
ClientSampled :

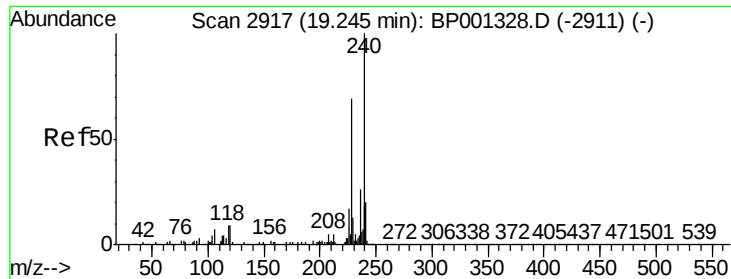
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.7	41.5
170	23.3	18.6	28.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BP001381.D
Acq: 23 Dec 2019 22:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.6	10.0
80	8.6	7.8	11.6

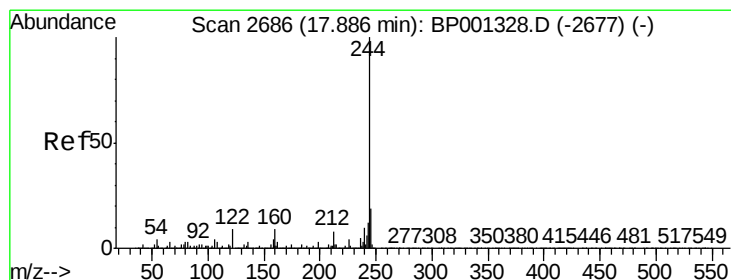
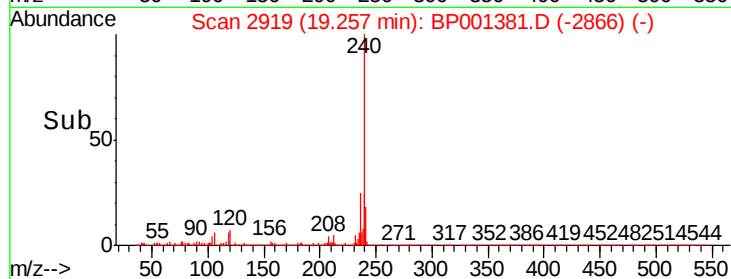
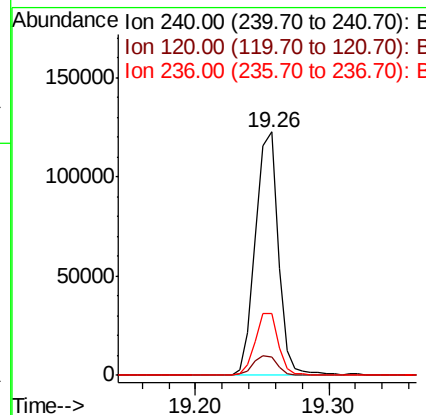
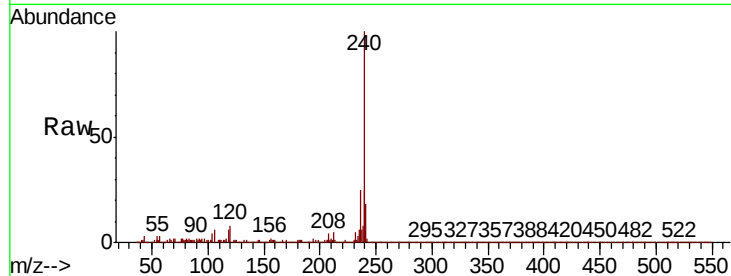




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 19.26 min Scan# 2919
 Delta R.T. 0.01 min
 Lab File: BP001381.D
 Acq: 23 Dec 2019 22:07

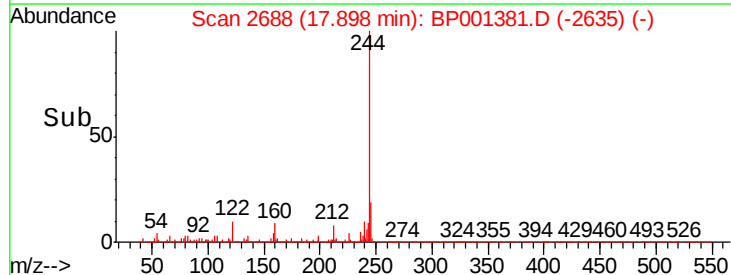
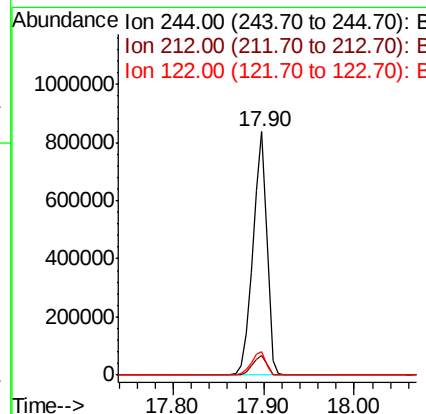
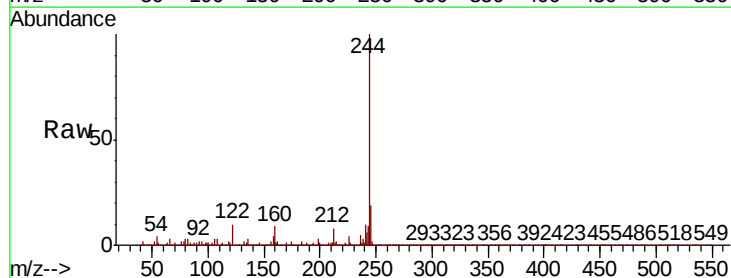
Instrument :
 BNA_P
 ClientSampleId :

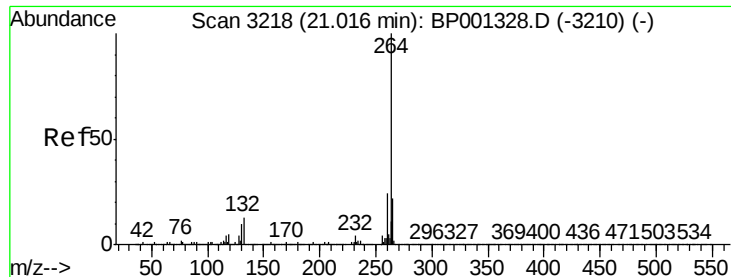
Tot Ion:240 Resp: 144110
 Ion Ratio Lower Upper
 240 100
 120 7.6 7.6 11.4#
 236 25.2 21.0 31.4



#79
 Terphenyl-d14
 Concen: 104.204 ng
 RT: 17.90 min Scan# 2688
 Delta R.T. 0.01 min
 Lab File: BP001381.D
 Acq: 23 Dec 2019 22:07

Tgt Ion:244 Resp: 876762
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 9.8
 122 9.7 7.6 11.4

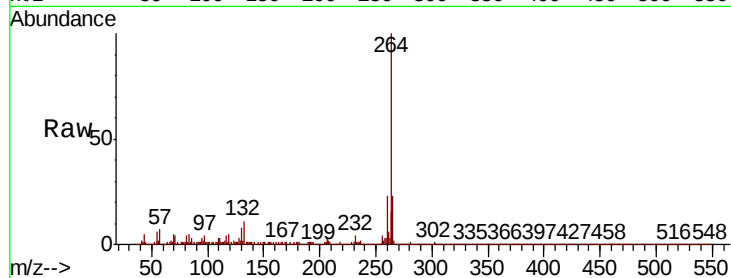




#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.03 min Scan# 3221
Delta R.T. 0.02 min
Lab File: BP001381.D
Acq: 23 Dec 2019 22:07

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	23.3	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

