

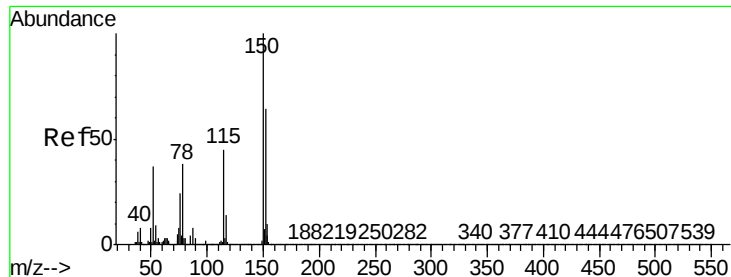
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
 Data File : BP001426.D
 Acq On : 26 Dec 2019 17:26
 Operator : JU
 Sample : K6393-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 27 03:55:27 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	33530	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	121848	20.00	ng	0.00
39) Acenaphthene-d10	13.18	164	71959	20.00	ng	0.00
64) Phenanthrene-d10	15.58	188	136174	20.00	ng	0.00
76) Chrysene-d12	19.22	240	101070	20.00	ng	0.00
87) Perylene-d12	20.99	264	99498	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	161182	77.69	ng	0.01
7) Phenol-d6	7.75	99	138361	51.11	ng	0.00
23) Nitrobenzene-d5	9.17	82	255486	80.52	ng	0.00
42) 2,4,6-Tribromophenol	14.48	330	120148	133.55	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	473998	83.29	ng	0.00
79) Terphenyl-d14	17.87	244	591237	100.19	ng	0.00
Target Compounds						
17) 2-Methylphenol	8.98	107	4333	2.351	ng	# 31
19) n-Nitroso-di-n-propylamine	9.17	70	39383	20.493	ng	# 75
20) 3+4-Methylphenols	8.98	107	5018	2.052	ng	# 45
32) Benzoic acid	9.97	122	1173	5.816	ng	93
50) Dimethylphthalate	12.77	163	13002	2.202	ng	97

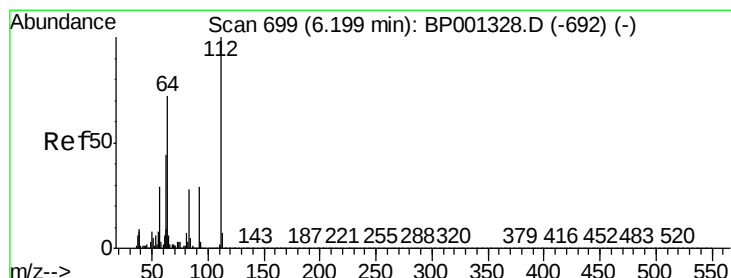
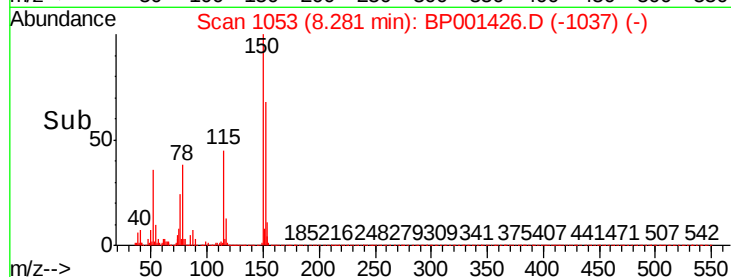
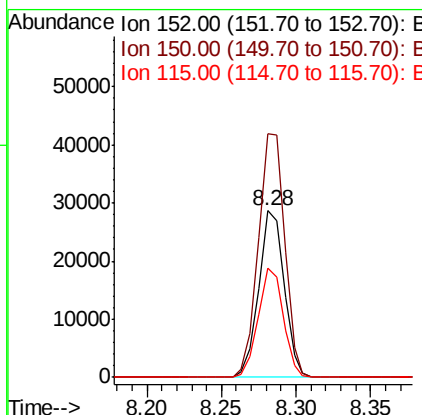
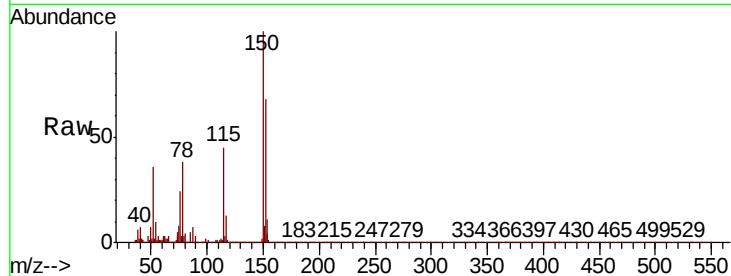
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BP001426.D
Acq: 26 Dec 2019 17:26

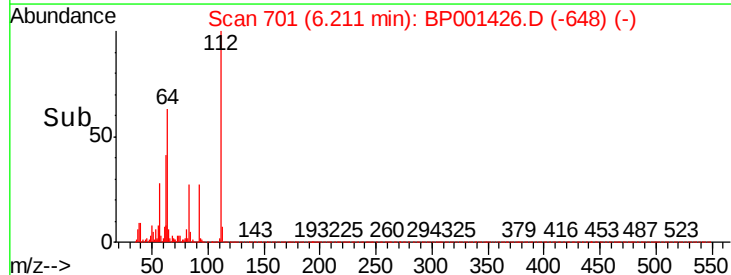
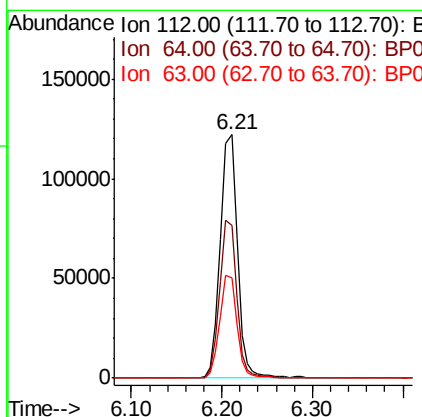
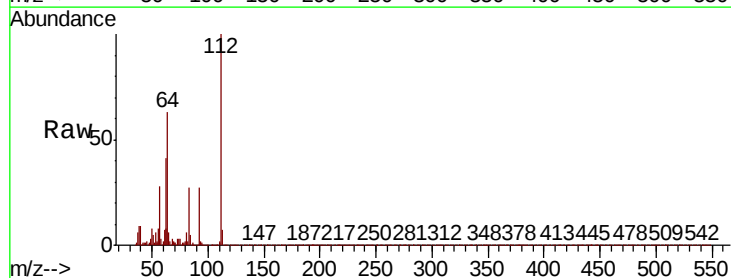
Instrument :
BNA_P
ClientSampleId :

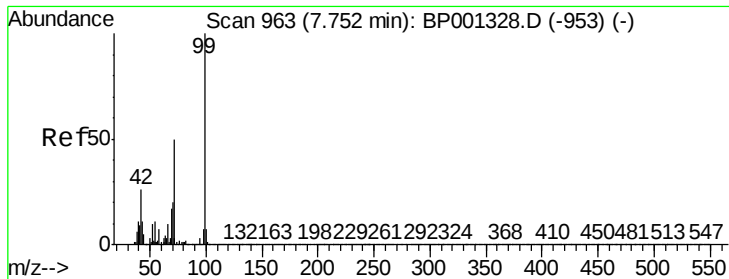
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.2	127.0	190.6
115	65.2	56.1	84.1



#5
2-Fluorophenol
Concen: 77.692 ng
RT: 6.21 min Scan# 701
Delta R.T. 0.01 min
Lab File: BP001426.D
Acq: 26 Dec 2019 17:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.7	53.9	80.9
63	41.3	33.4	50.0





#7

Phenol-d6

Concen: 51.110 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BP001426.D

Acq: 26 Dec 2019 17:26

Instrument :

BNA_P

ClientSampled :

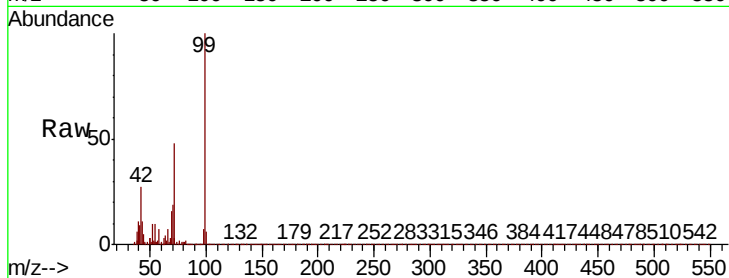
Tot Ion: 99 Resp: 138361

Ion Ratio Lower Upper

99 100

42 26.7 20.8 31.2

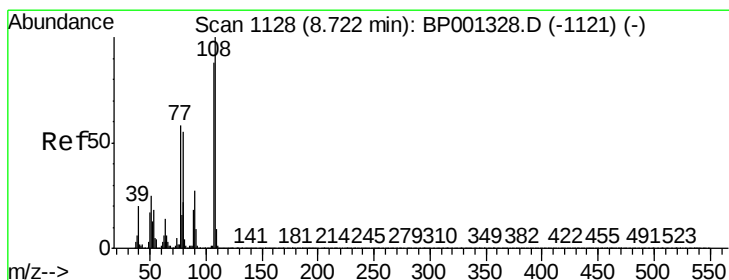
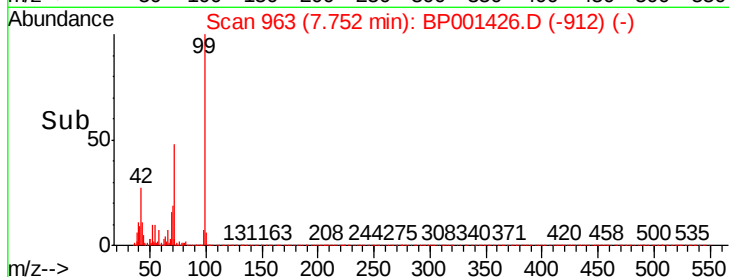
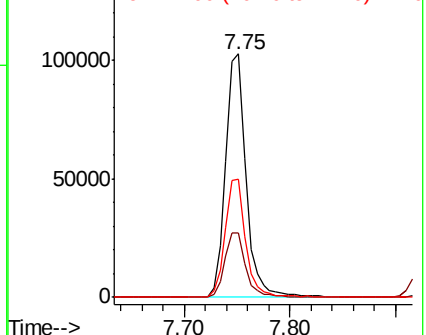
71 48.4 38.2 57.4



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



#17

2-Methylphenol

Concen: 2.351 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.26 min

Lab File: BP001426.D

Acq: 26 Dec 2019 17:26

Tgt Ion: 107 Resp: 4333

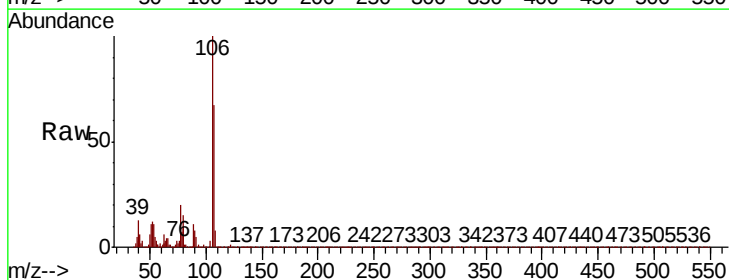
Ion Ratio Lower Upper

107 100

108 11.4 88.8 133.2#

77 30.1 48.9 73.3#

79 22.3 48.8 73.2#

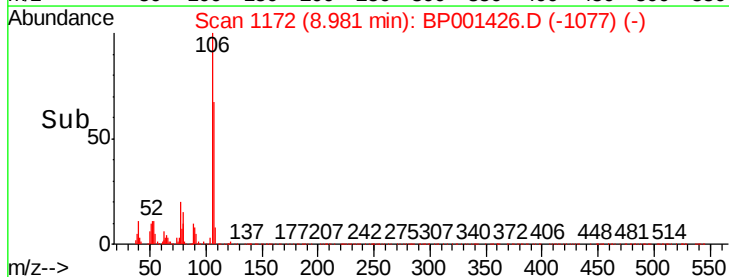
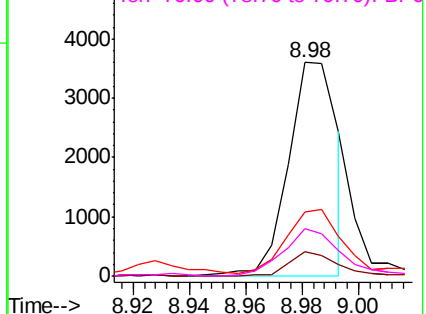


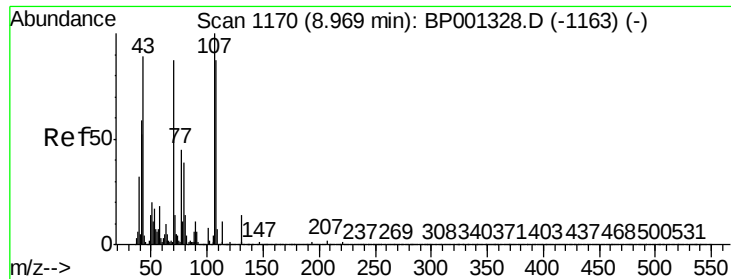
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0

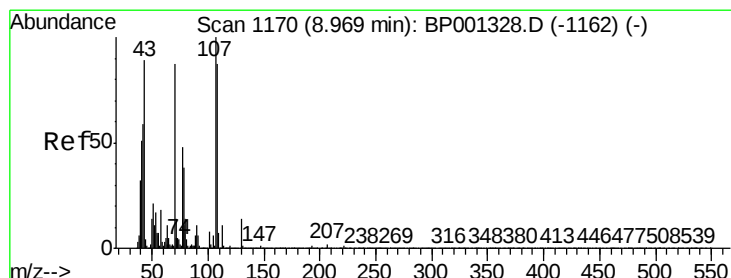
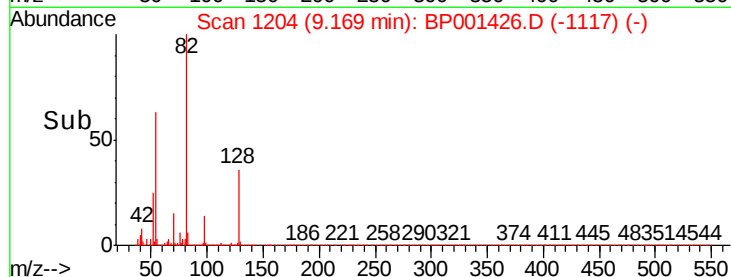
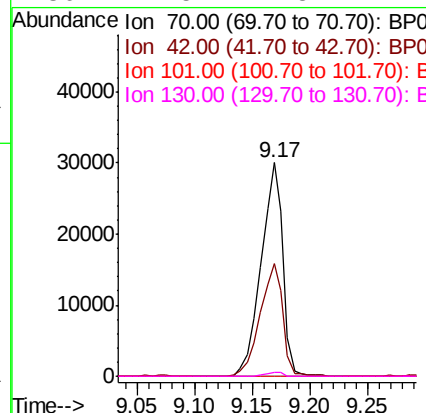
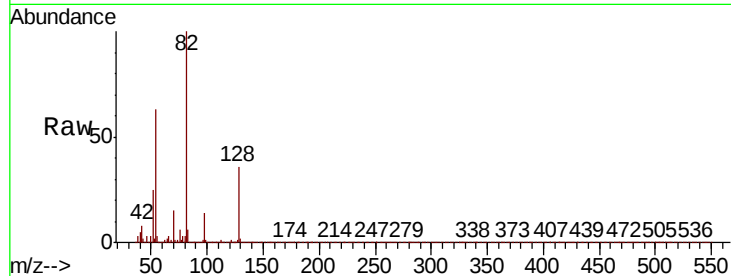




#19
n-Nitroso-di-n-propylamine
Concen: 20.493 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.21 min
Lab File: BP001426.D
Acq: 26 Dec 2019 17:26

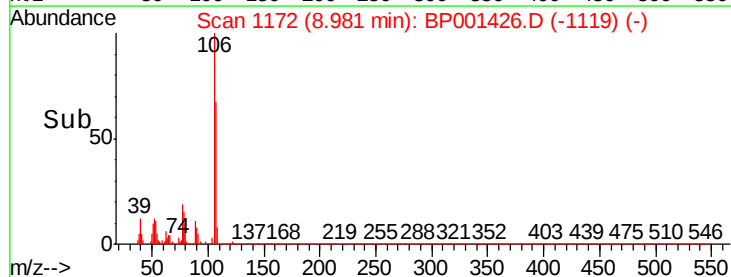
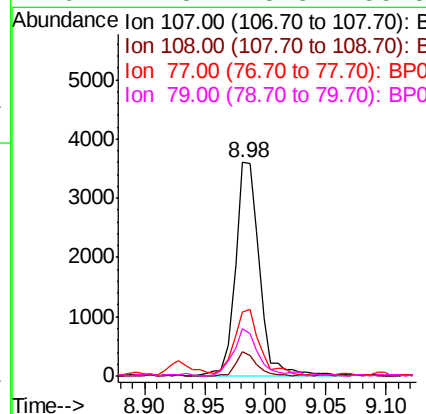
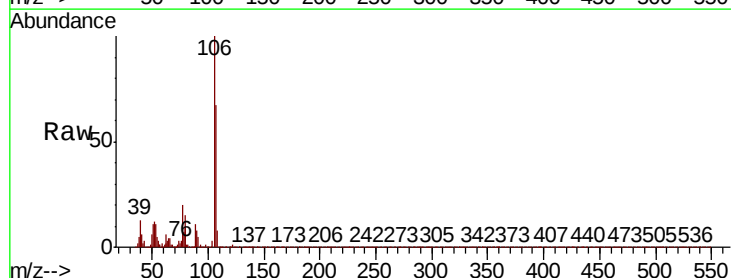
Instrument :
BNA_P
ClientSampleId :

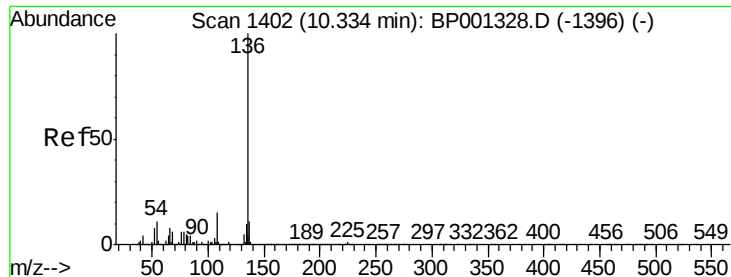
Tot Ion	Ratio	Lower	Upper
70	100		
42	52.6	55.8	83.8#
101	0.0	8.2	12.2#
130	1.5	14.5	21.7#



#20
3+4-Methylphenols
Concen: 2.052 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BP001426.D
Acq: 26 Dec 2019 17:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	11.4	70.4	110.4#
77	30.1	24.5	64.5
79	22.3	18.8	58.8

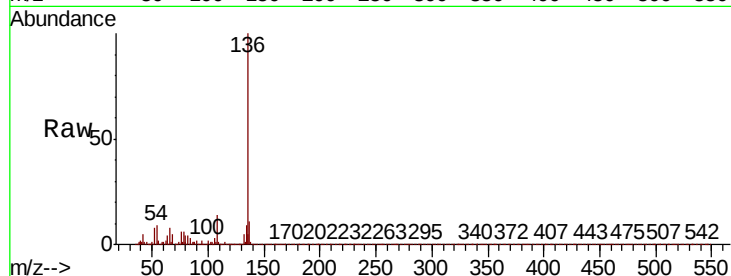




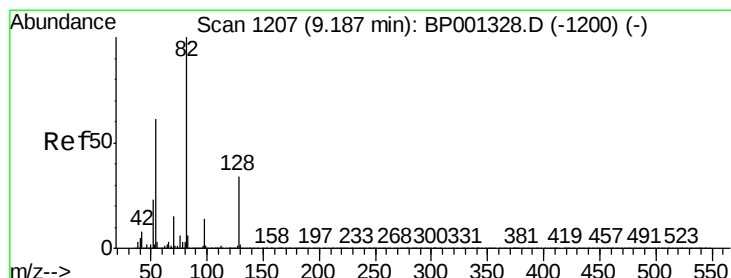
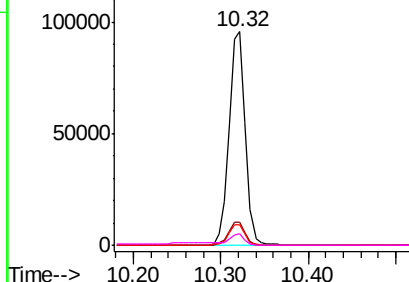
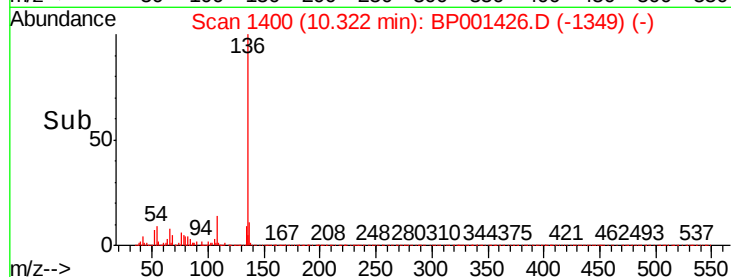
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BP001426.D
Acq: 26 Dec 2019 17:26

Instrument :
BNA_P
ClientSampled :

Tot Ion:136	Resp:	121848
Ion Ratio	Lower	Upper
136 100		
137 11.0	9.0	13.4
54 9.3	7.3	10.9
68 5.3	3.8	5.6

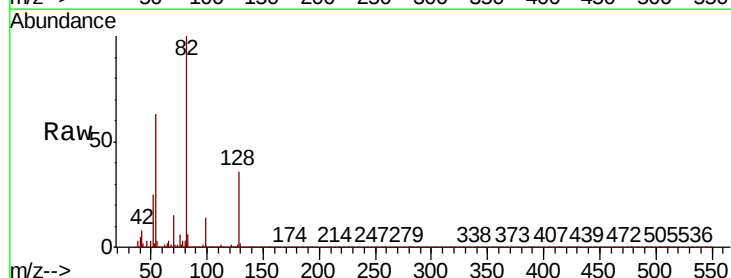


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

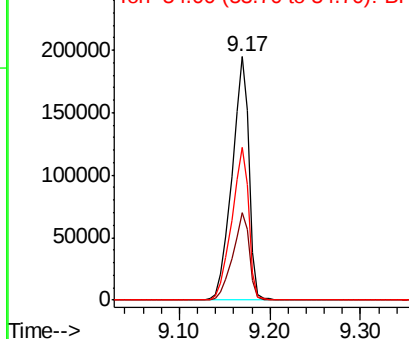
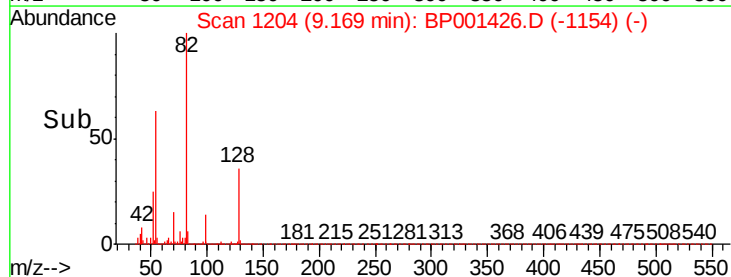


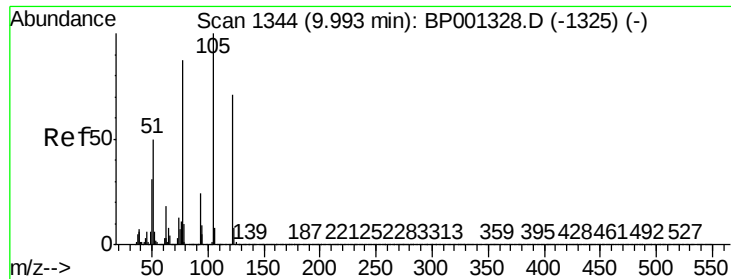
#23
Nitrobenzene-d5
Concen: 80.518 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BP001426.D
Acq: 26 Dec 2019 17:26

Tgt Ion: 82	Resp: 255486
Ion Ratio	Lower Upper
82 100	
128 35.7	27.4 41.0
54 62.9	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

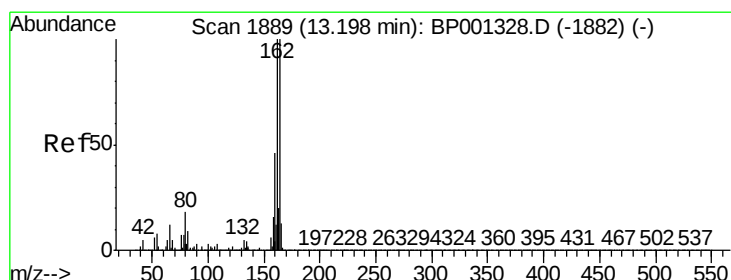
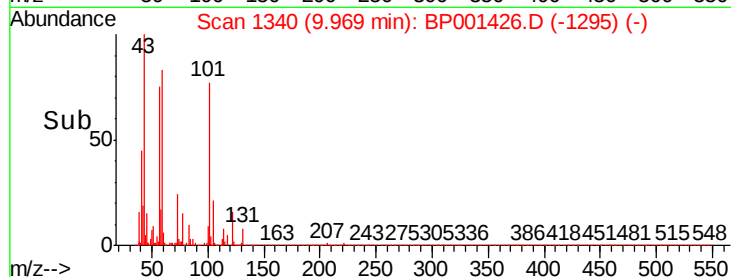
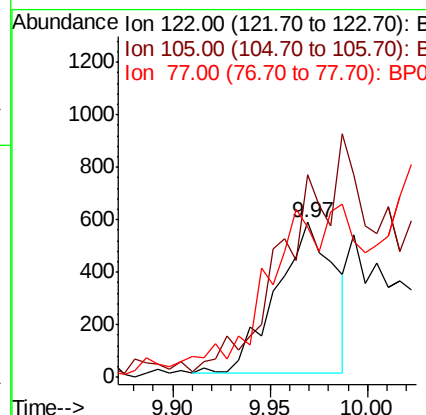
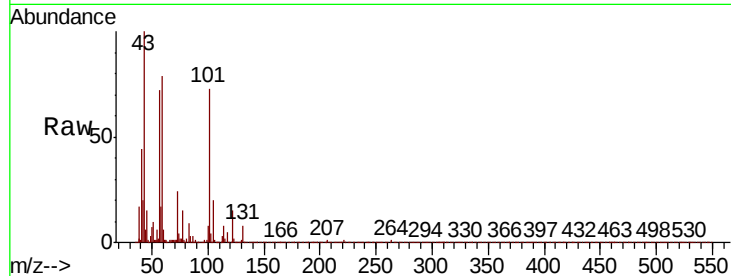




#32
Benzoic acid
Concen: 5.816 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.04 min
Lab File: BP001426.D
Acq: 26 Dec 2019 17:26

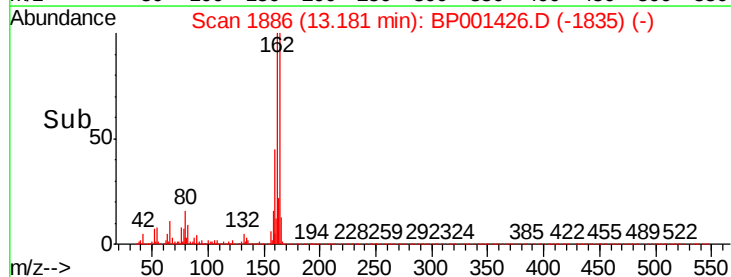
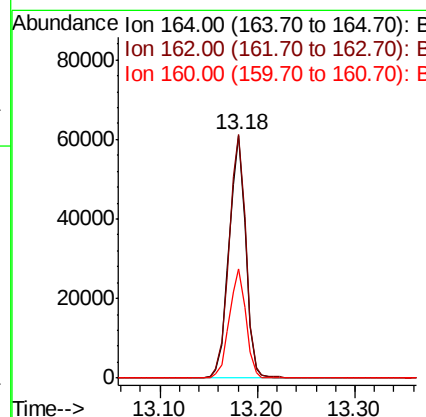
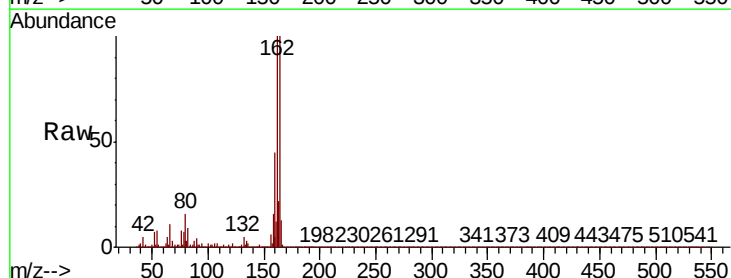
Instrument :
BNA_P
ClientSampleId :

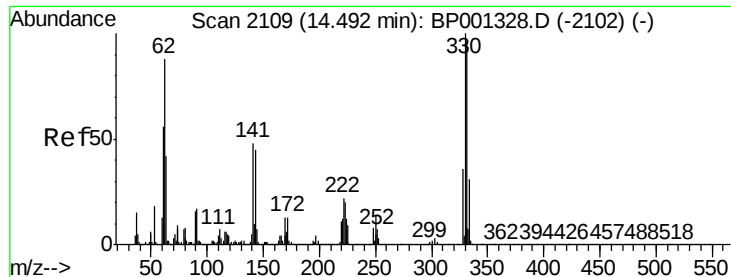
Tot Ion:122 Resp: 1173
Ion Ratio Lower Upper
122 100
105 130.5 117.8 157.8
77 96.6 85.6 125.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.18 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BP001426.D
Acq: 26 Dec 2019 17:26

Tgt Ion:164 Resp: 71959
Ion Ratio Lower Upper
164 100
162 100.4 78.2 117.4
160 45.2 35.1 52.7

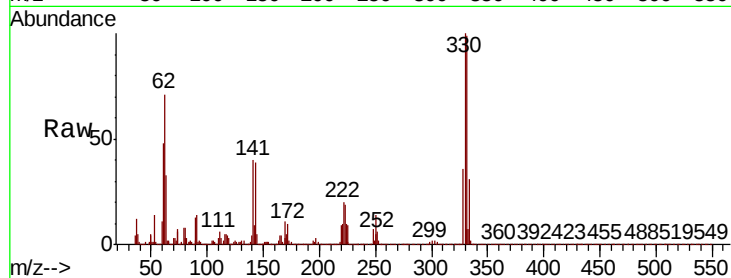




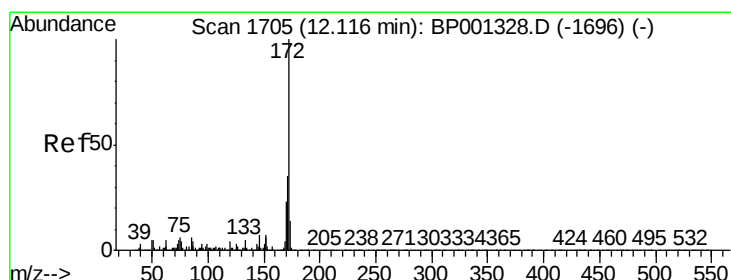
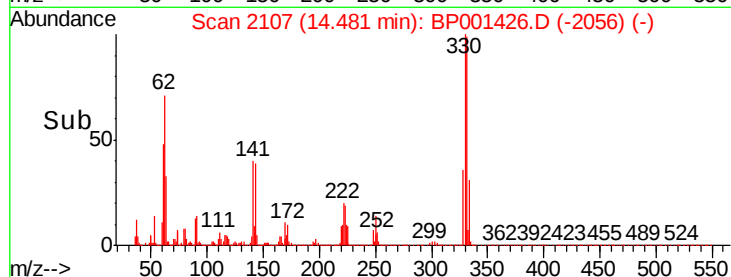
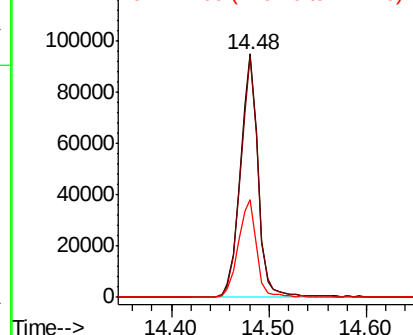
#42
2,4,6-Tribromophenol
Concen: 133.549 ng
RT: 14.48 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BP001426.D
Acq: 26 Dec 2019 17:26

Instrument :
BNA_P
ClientSampleId :

Tot Ion:330 Resp: 120148
Ion Ratio Lower Upper
330 100
332 97.6 78.3 117.5
141 41.4 26.8 40.2#

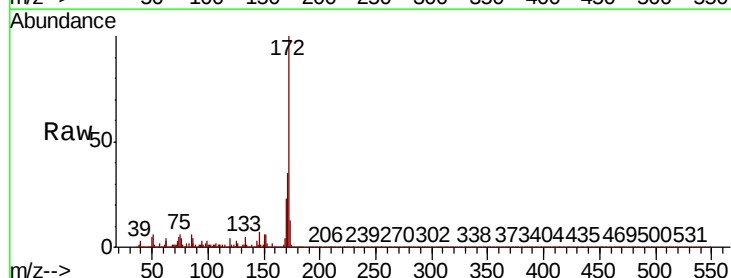


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

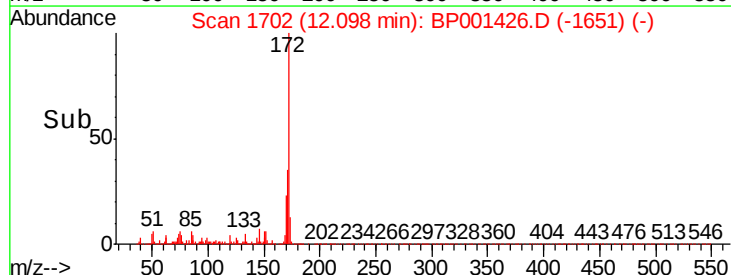
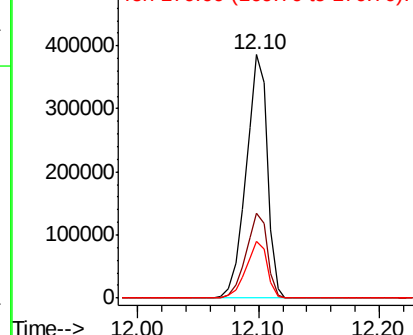


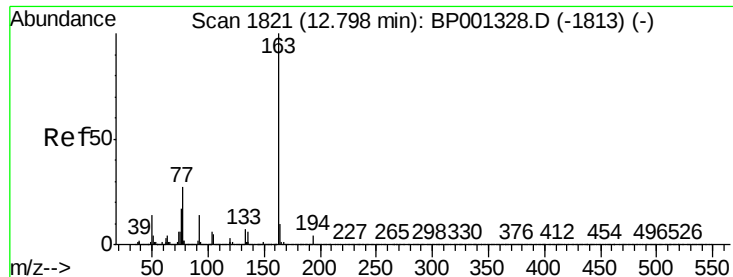
#45
2-Fluorobiphenyl
Concen: 83.292 ng
RT: 12.10 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BP001426.D
Acq: 26 Dec 2019 17:26

Tgt Ion:172 Resp: 473998
Ion Ratio Lower Upper
172 100
171 34.9 27.4 41.0
170 23.4 18.2 27.4



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

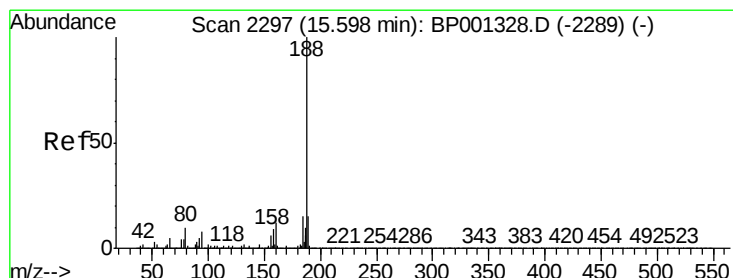
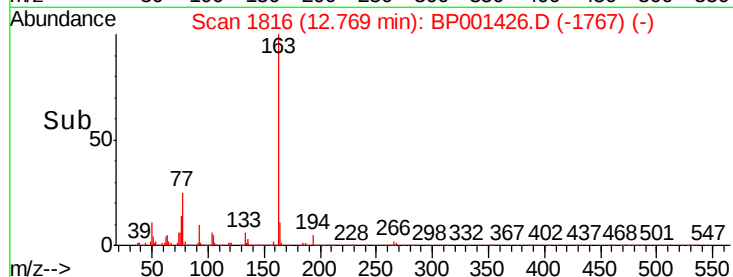
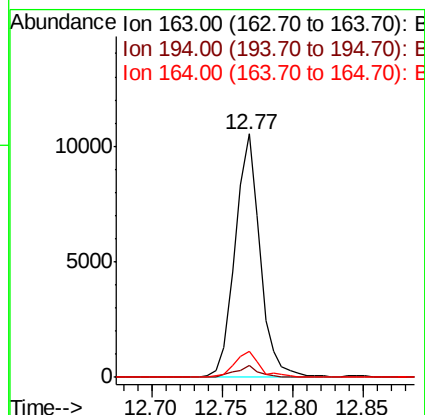
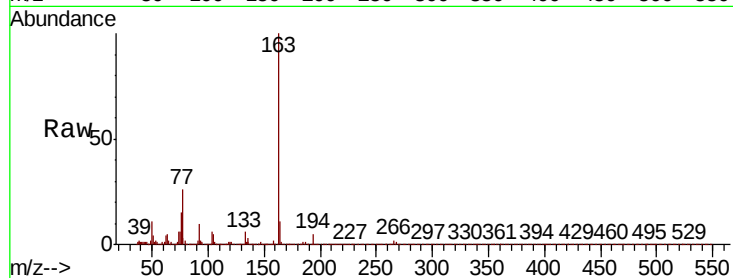




#50
Dimethylphthalate
Concen: 2.202 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BP001426.D
Acq: 26 Dec 2019 17:26

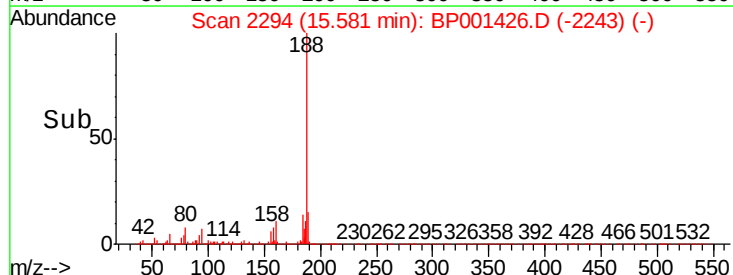
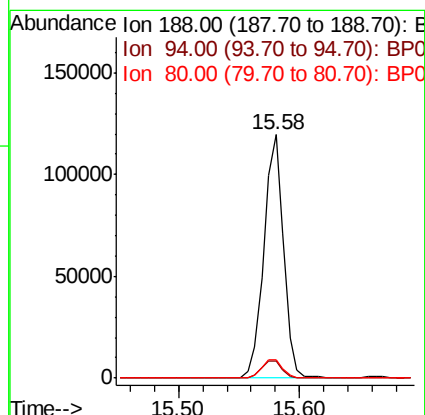
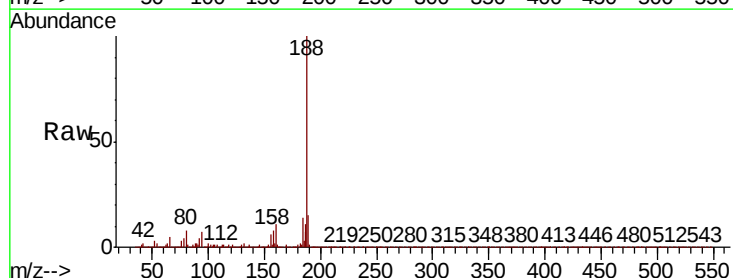
Instrument :
BNA_P
ClientSampled :

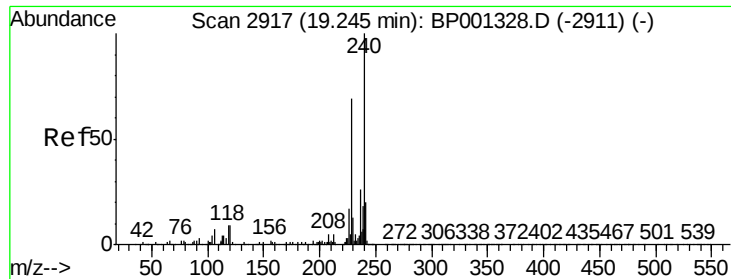
Tot Ion:163 Resp: 13002
Ion Ratio Lower Upper
163 100
194 4.7 3.2 4.8
164 10.7 7.7 11.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BP001426.D
Acq: 26 Dec 2019 17:26

Tgt Ion:188 Resp: 136174
Ion Ratio Lower Upper
188 100
94 6.9 5.8 8.8
80 7.8 5.7 8.5

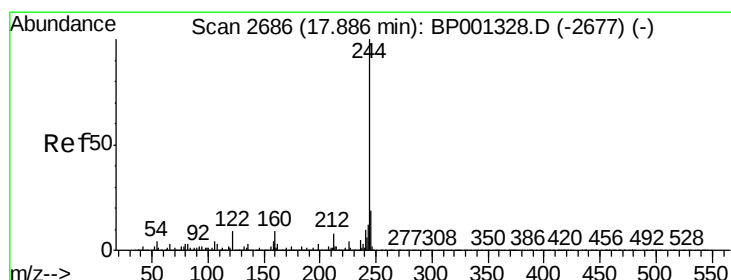
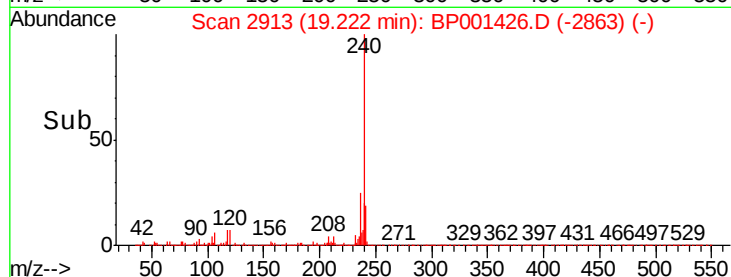
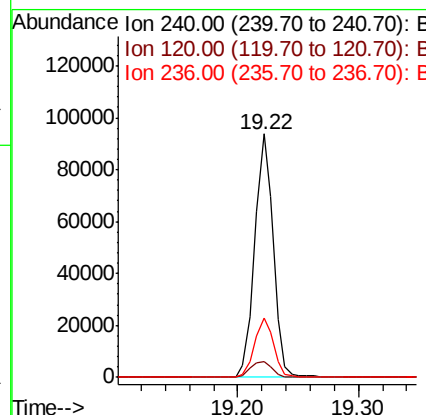
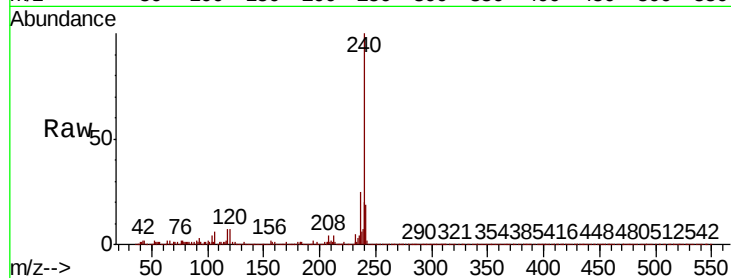




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 19.22 min Scan# 2913
 Delta R.T. -0.01 min
 Lab File: BP001426.D
 Acq: 26 Dec 2019 17:26

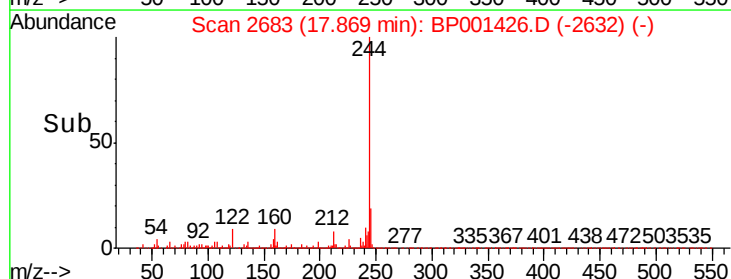
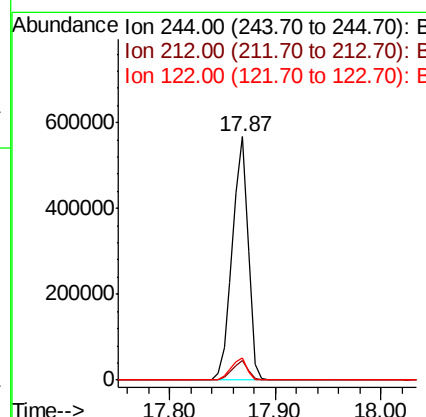
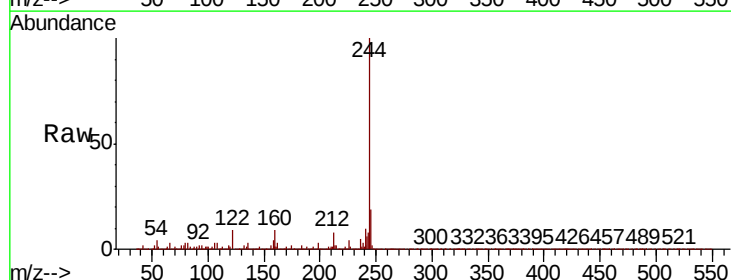
Instrument :
 BNA_P
 ClientSampleId :

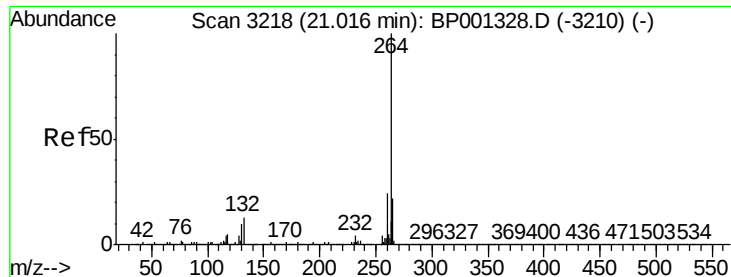
Tot Ion:240 Resp: 101070
 Ion Ratio Lower Upper
 240 100
 120 6.7 6.2 9.2
 236 24.5 20.2 30.2



#79
 Terphenyl-d14
 Concen: 100.193 ng
 RT: 17.87 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: BP001426.D
 Acq: 26 Dec 2019 17:26

Tgt Ion:244 Resp: 591237
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.8 8.8
 122 9.1 6.4 9.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 20.99 min Scan# 3214
Delta R.T. -0.00 min
Lab File: BP001426.D
Acq: 26 Dec 2019 17:26

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	21.0	17.0	25.4

