

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
 Data File : BP001358.D
 Acq On : 20 Dec 2019 22:42
 Operator : JU
 Sample : K6370-05 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 21 00:43:17 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

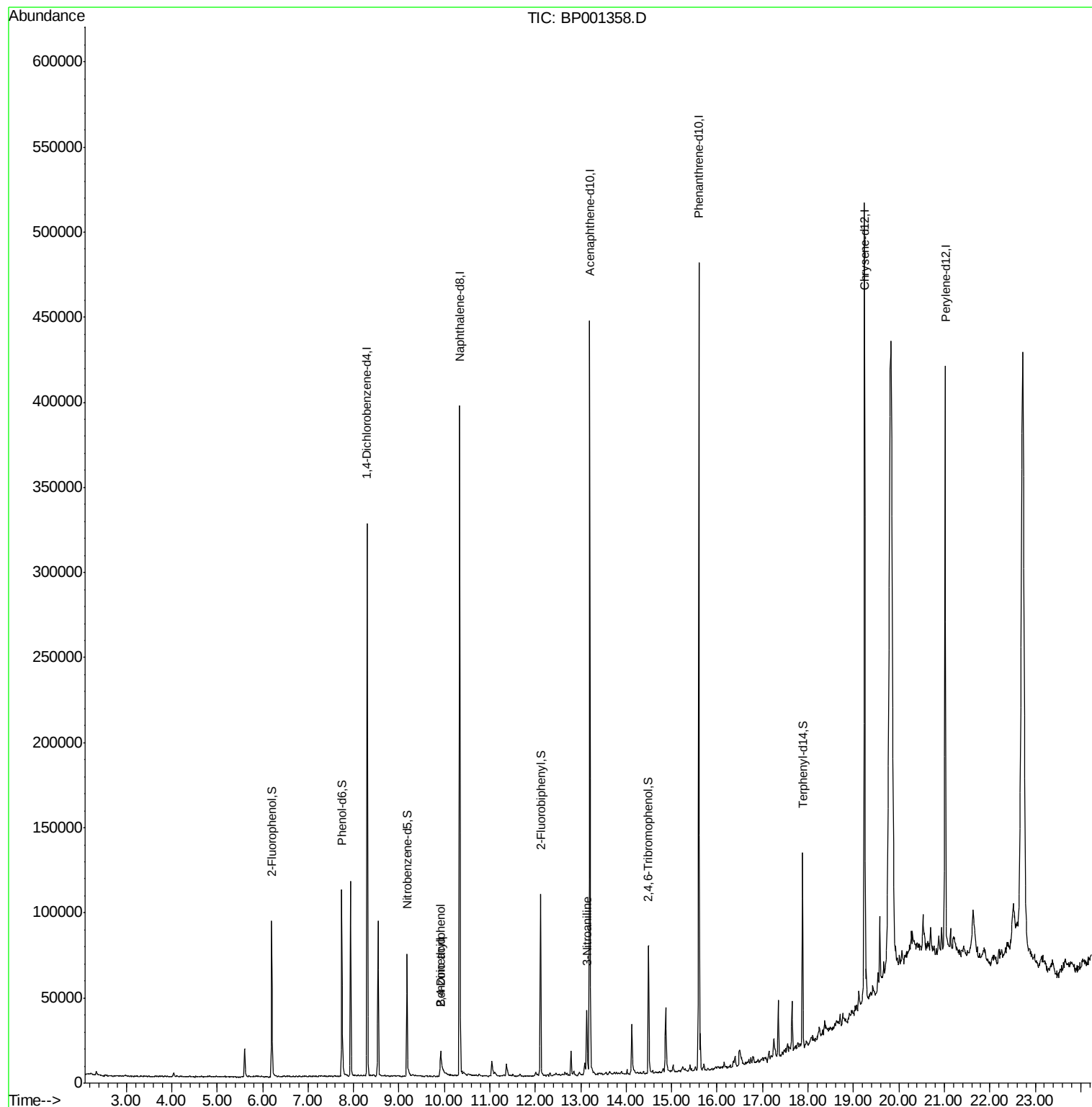
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	53952	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	191735	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	111881	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	209270	20.00	ng	0.00
76) Chrysene-d12	19.25	240	162671	20.00	ng	0.00
87) Perylene-d12	21.02	264	176987	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	27263	8.17	ng	0.00
7) Phenol-d6	7.74	99	38803	8.91	ng	-0.01
23) Nitrobenzene-d5	9.18	82	26543	5.32	ng	-0.01
42) 2,4,6-Tribromophenol	14.49	330	10411	7.44	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	38387	4.34	ng	0.00
79) Terphenyl-d14	17.88	244	39163	4.12	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	9.92	122	5665	2.198	ng	# 1
32) Benzoic acid	9.92	122	5665	7.457	ng	95
53) 3-Nitroaniline	13.13	138	6026	3.012	ng	# 94

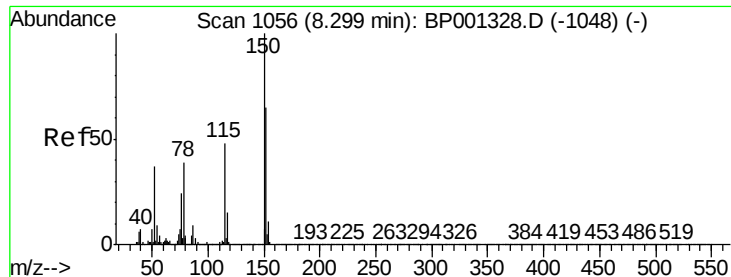
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.30 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BP001358.D

Acq: 20 Dec 2019 22:42

Instrument :

BNA_P

ClientSampleId :

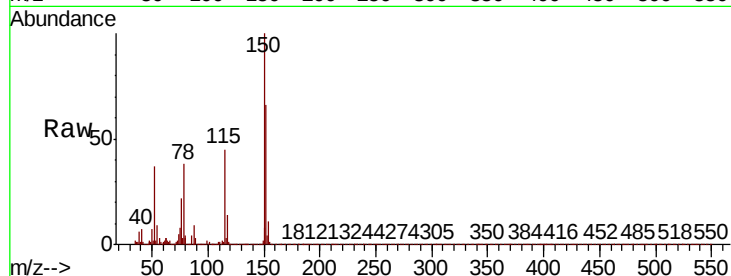
Tot Ion:152 Resp: 53952

Ion Ratio Lower Upper

152 100

150 152.3 124.0 186.0

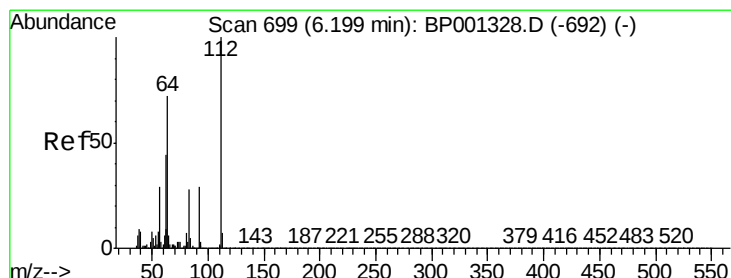
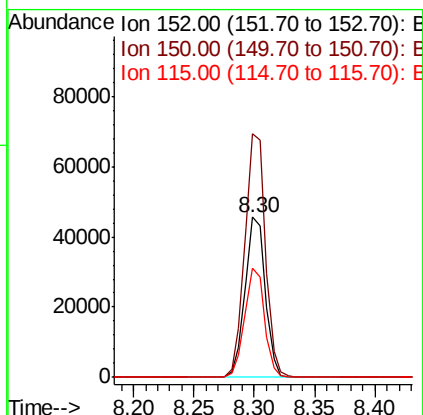
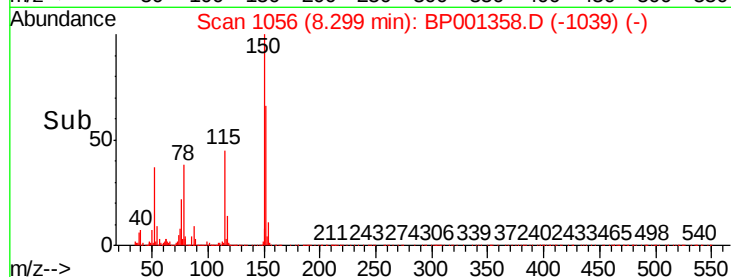
115 68.5 59.3 88.9



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: 8.167 ng

RT: 6.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BP001358.D

Acq: 20 Dec 2019 22:42

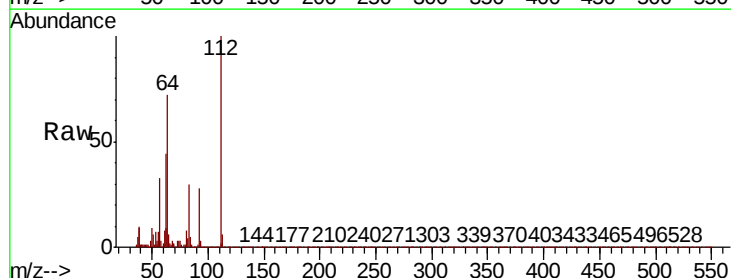
Tgt Ion:112 Resp: 27263

Ion Ratio Lower Upper

112 100

64 71.8 57.6 86.4

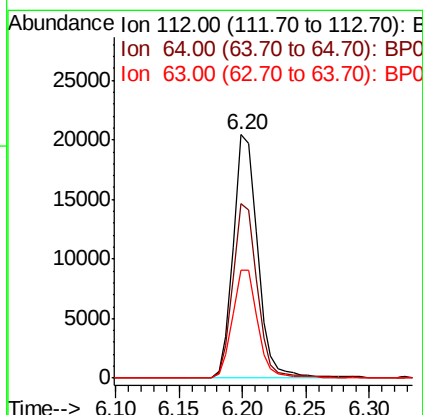
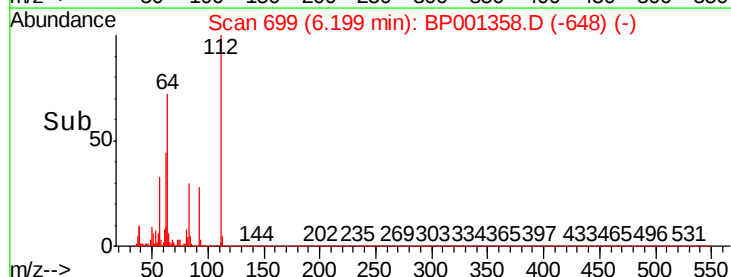
63 44.2 35.1 52.7

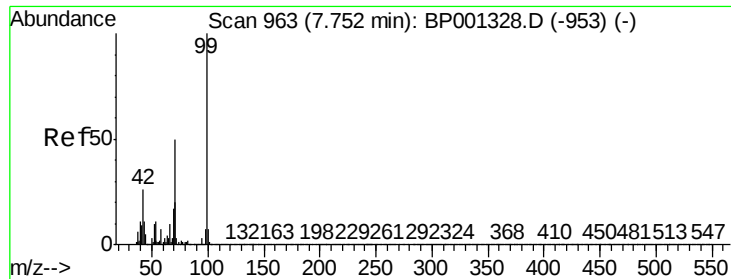


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 8.908 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BP001358.D

Acq: 20 Dec 2019 22:42

Instrument :

BNA_P

ClientSampleId :

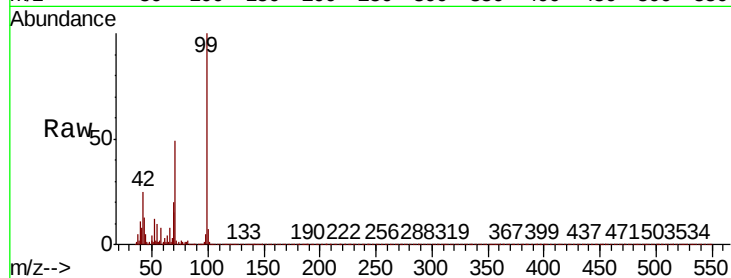
Tot Ion: 99 Resp: 38803

Ion Ratio Lower Upper

99 100

42 25.3 20.9 31.3

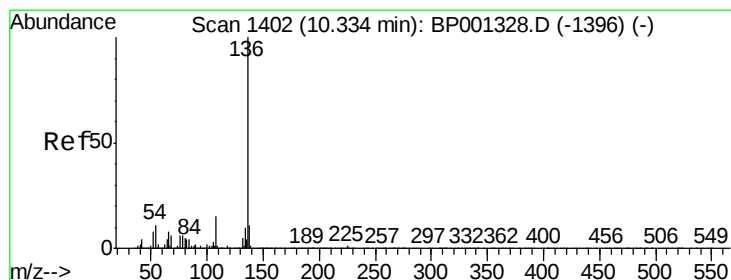
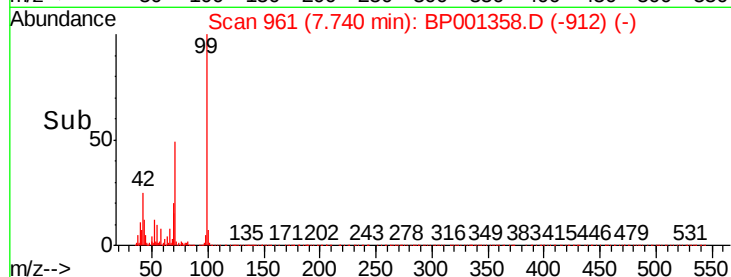
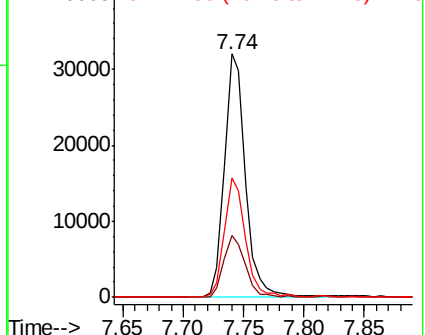
71 49.0 40.0 60.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.33 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BP001358.D

Acq: 20 Dec 2019 22:42

Tgt Ion: 136 Resp: 191735

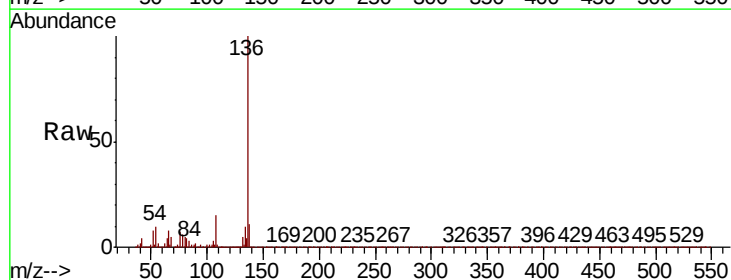
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 10.4 8.8 13.2

68 5.3 4.6 6.8

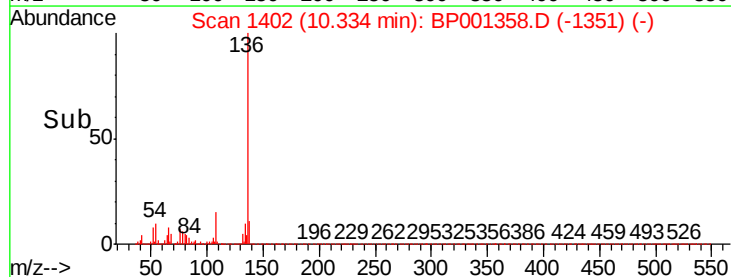
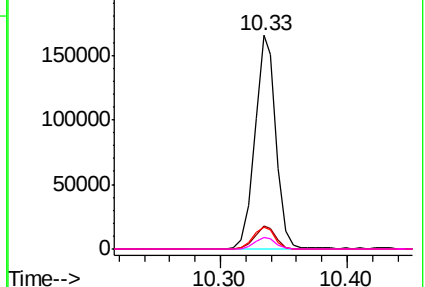


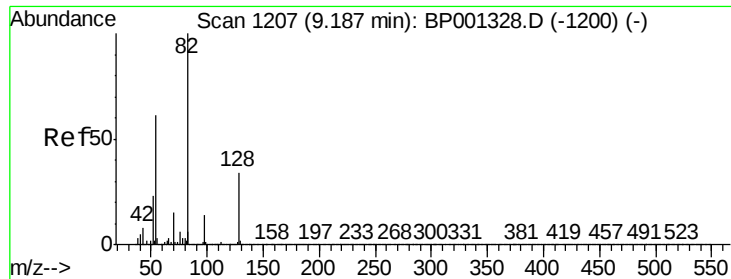
Abundance Ion 136.00 (135.70 to 136.70): E

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

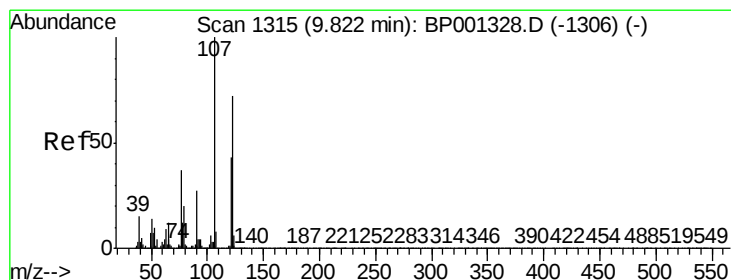
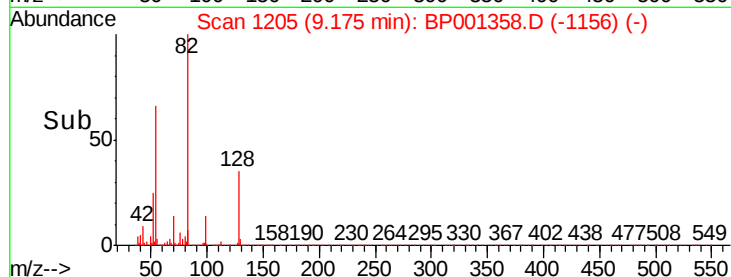
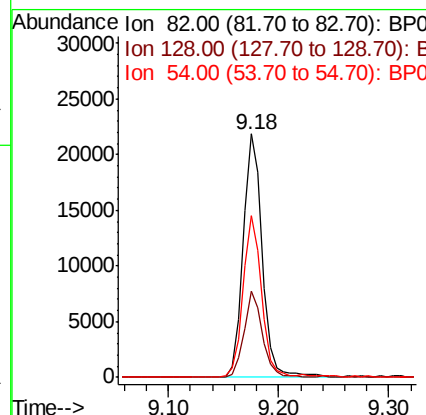
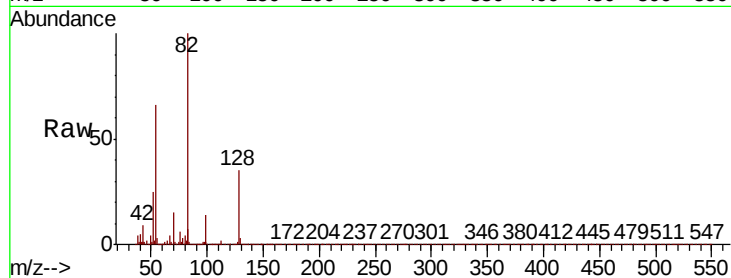




#23
 Nitrobenzene-d5
 Concen: 5.316 ng
 RT: 9.18 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BP001358.D
 Acq: 20 Dec 2019 22:42

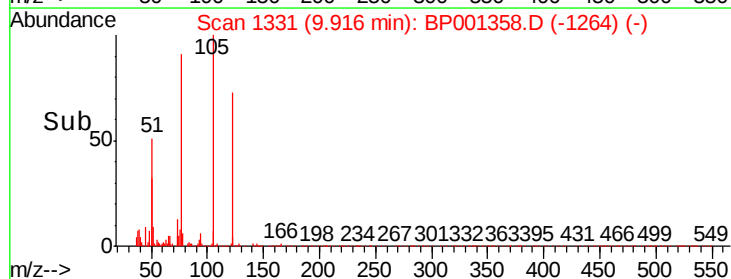
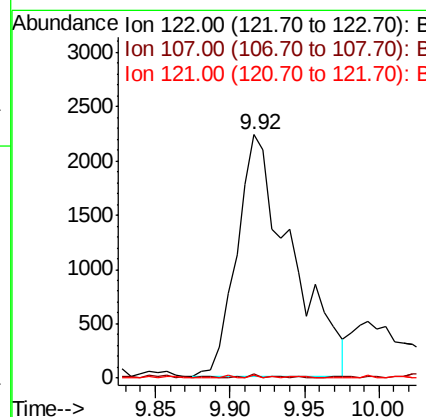
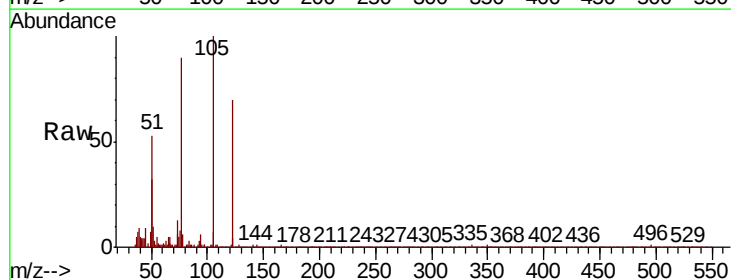
Instrument :
 BNA_P
 ClientSampleId :

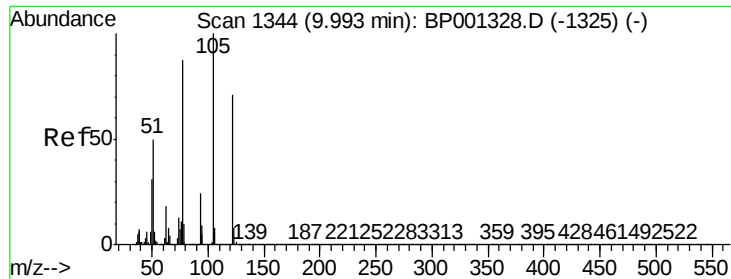
Tot Ion	82	Resp	26543
Ion Ratio	Lower	Upper	
82	100		
128	35.3	27.0	40.4
54	66.2	49.0	73.4



#27
 2,4-Dimethylphenol
 Concen: 2.198 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.09 min
 Lab File: BP001358.D
 Acq: 20 Dec 2019 22:42

Tgt Ion	122	Resp	5665
Ion Ratio	Lower	Upper	
122	100		
107	1.6	111.9	167.9#
121	1.1	47.9	71.9#

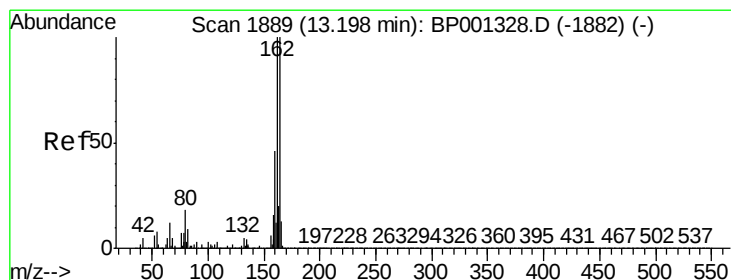
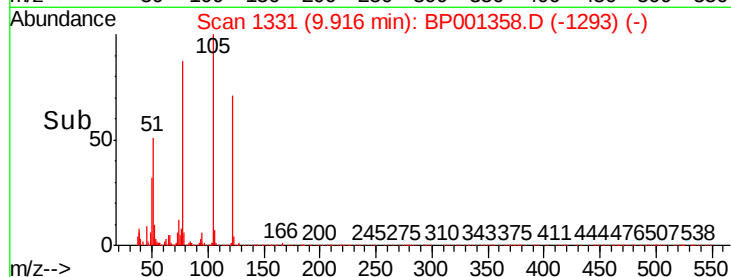
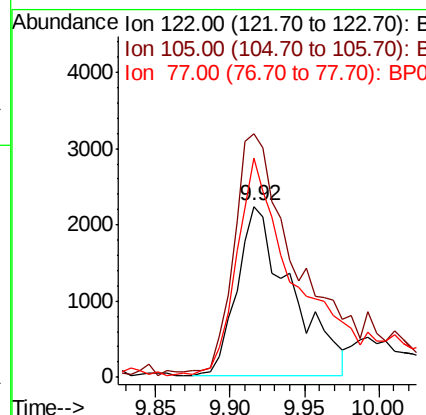
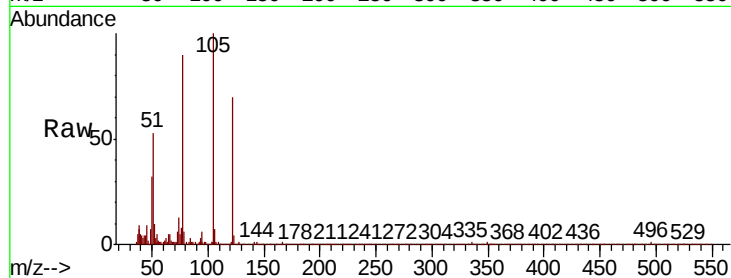




#32
Benzoic acid
Concen: 7.457 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.08 min
Lab File: BP001358.D
Acq: 20 Dec 2019 22:42

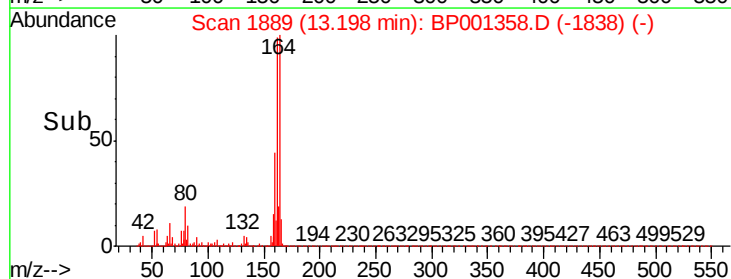
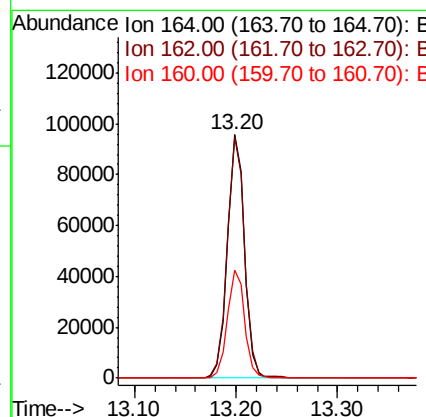
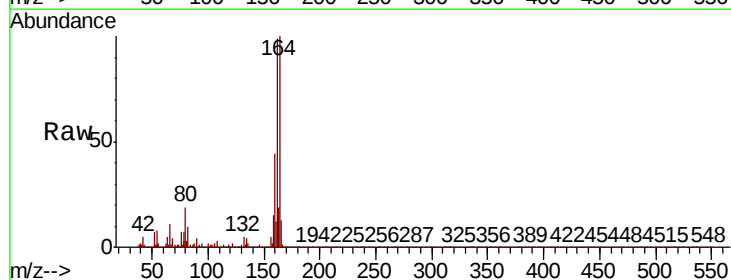
Instrument :
BNA_P
ClientSampleId :

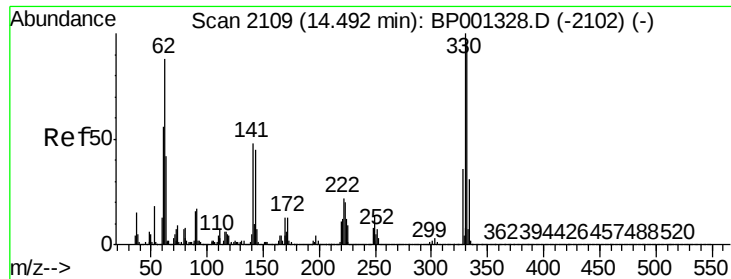
Tot Ion:122 Resp: 5665
Ion Ratio Lower Upper
122 100
105 142.4 118.5 158.5
77 128.1 101.3 141.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1889
Delta R.T. 0.00 min
Lab File: BP001358.D
Acq: 20 Dec 2019 22:42

Tgt Ion:164 Resp: 111881
Ion Ratio Lower Upper
164 100
162 99.2 80.3 120.5
160 44.4 36.6 54.8

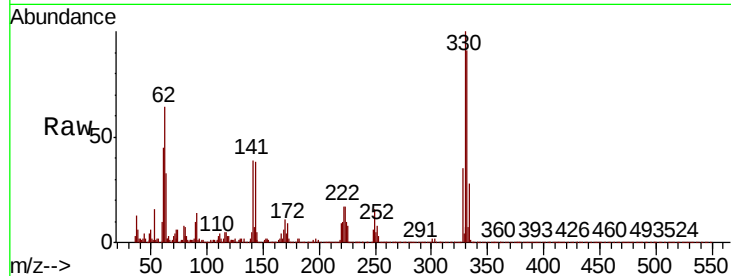




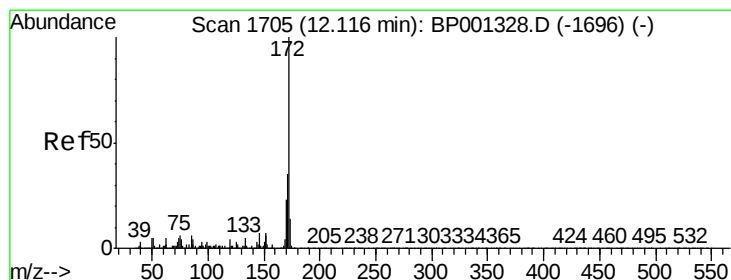
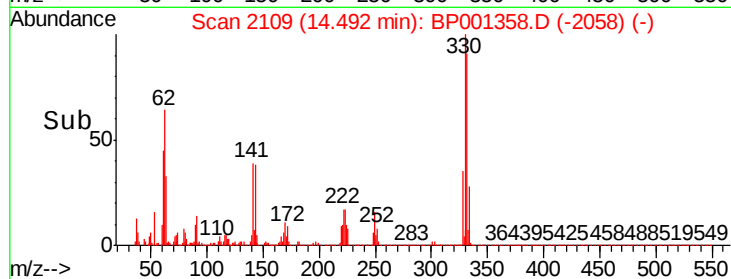
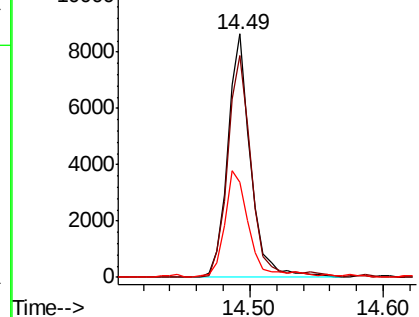
#42
 2,4,6-Tribromophenol
 Concen: 7.443 ng
 RT: 14.49 min Scan# 2109
 Delta R.T. 0.00 min
 Lab File: BP001358.D
 Acq: 20 Dec 2019 22:42

Instrument :
 BNA_P
 ClientSampled :

Tot Ion:330 Resp: 10411
 Ion Ratio Lower Upper
 330 100
 332 93.6 78.7 118.1
 141 47.3 36.2 54.4

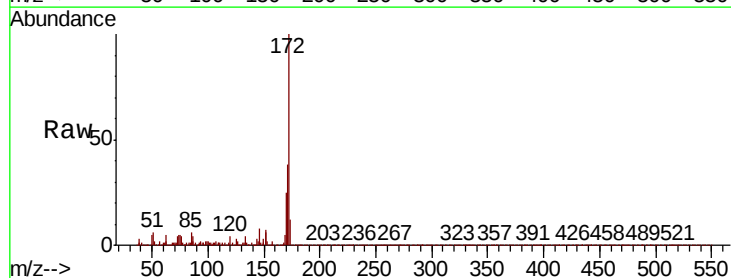


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

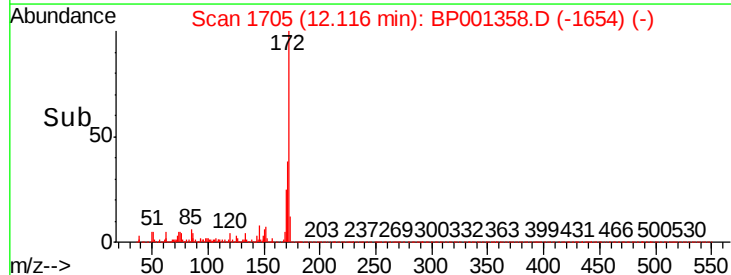
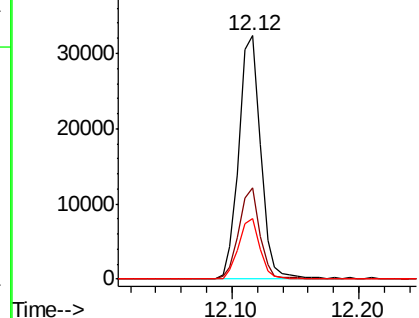


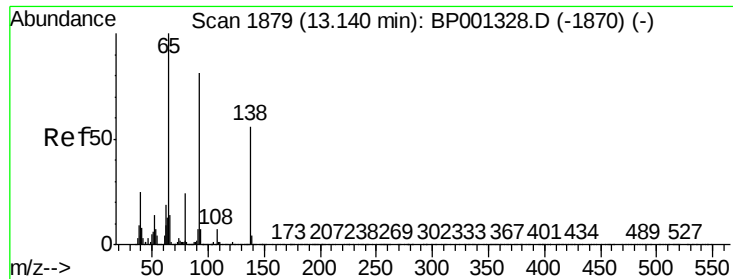
#45
 2-Fluorobiphenyl
 Concen: 4.339 ng
 RT: 12.12 min Scan# 1705
 Delta R.T. 0.00 min
 Lab File: BP001358.D
 Acq: 20 Dec 2019 22:42

Tgt Ion:172 Resp: 38387
 Ion Ratio Lower Upper
 172 100
 171 37.7 27.7 41.5
 170 25.0 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

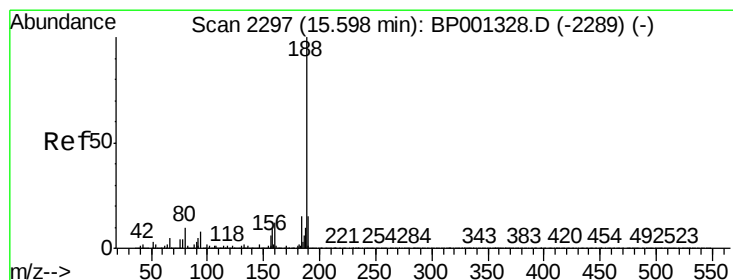
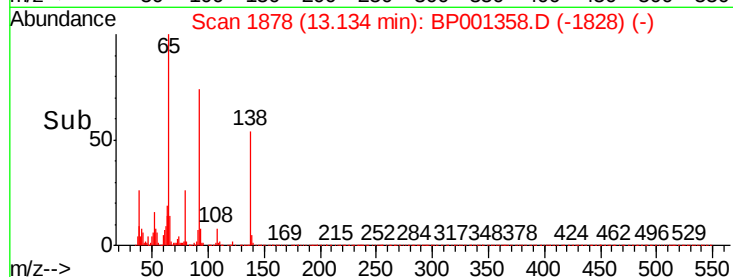
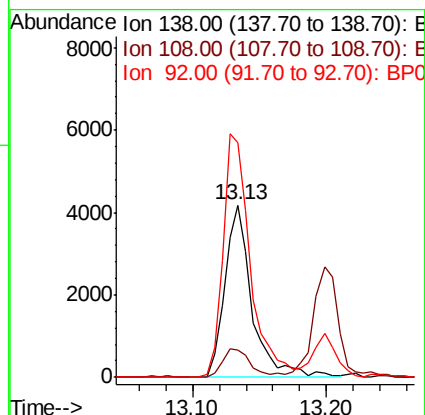
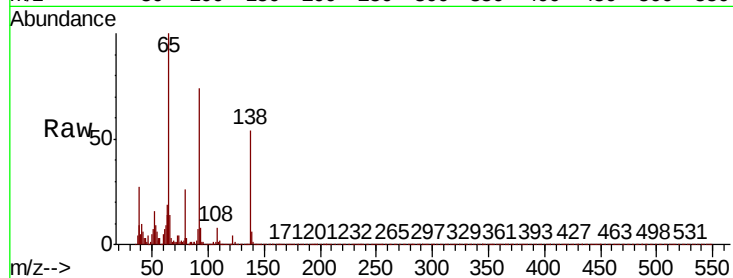




#53
3-Nitroaniline
Concen: 3.012 ng
RT: 13.13 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BP001358.D
Acq: 20 Dec 2019 22:42

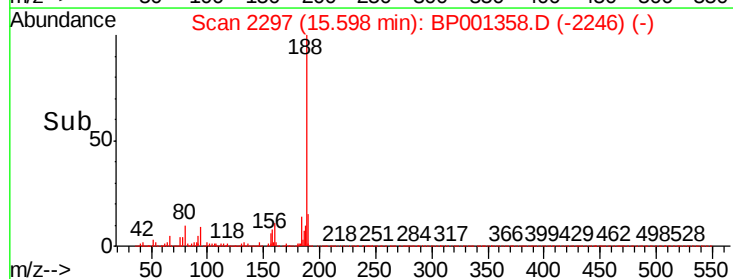
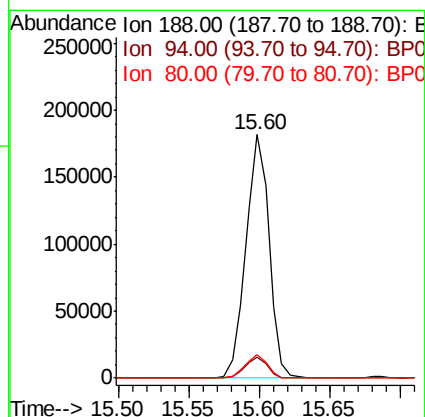
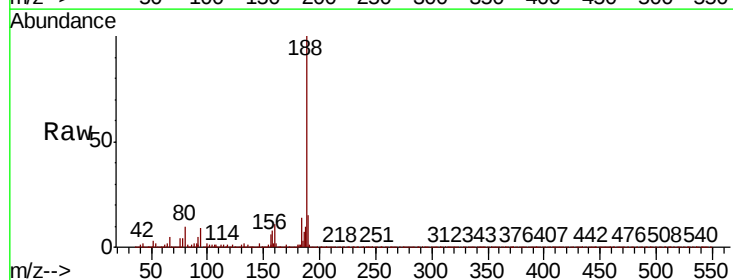
Instrument :
BNA_P
ClientSampleId :

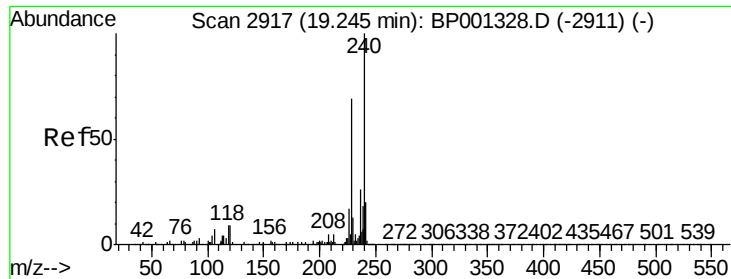
Tot Ion:138 Resp: 6026
Ion Ratio Lower Upper
138 100
108 15.6 10.1 15.1#
92 136.7 114.6 172.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BP001358.D
Acq: 20 Dec 2019 22:42

Tgt Ion:188 Resp: 209270
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.5 7.8 11.6

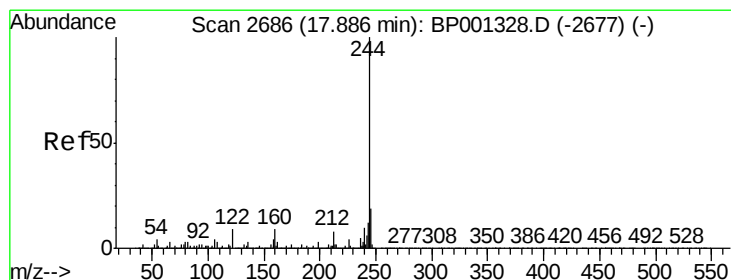
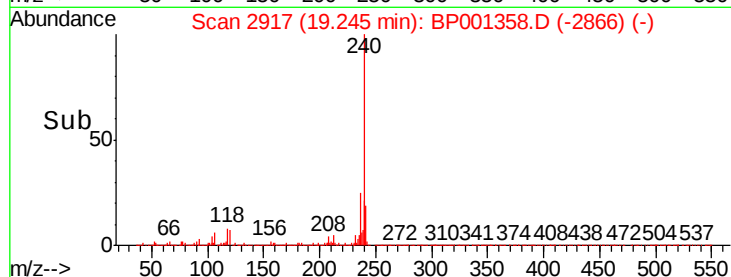
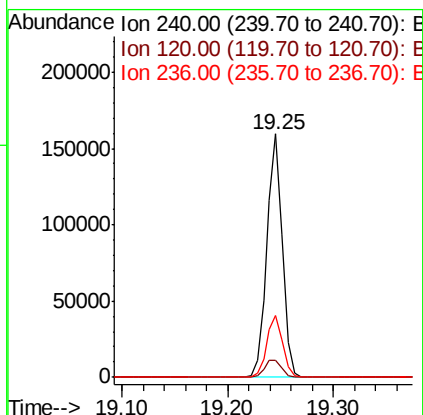
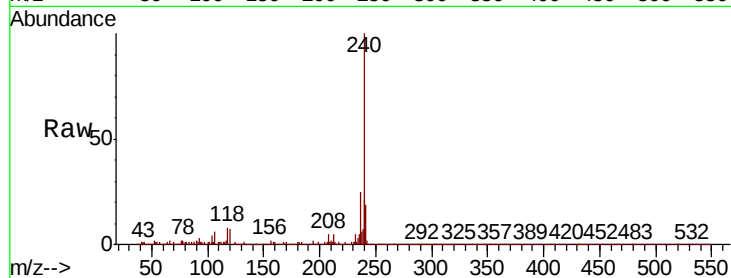




#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.25 min Scan# 2917
Delta R.T. 0.00 min
Lab File: BP001358.D
Acq: 20 Dec 2019 22:42

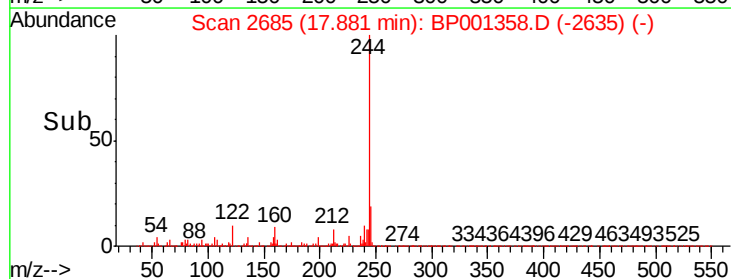
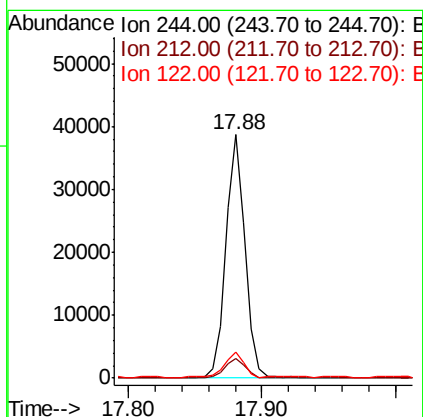
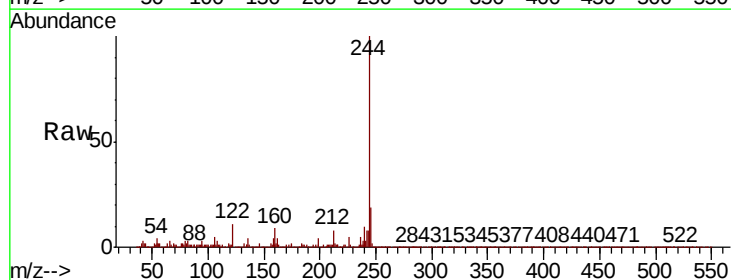
Instrument :
BNA_P
ClientSampleId :

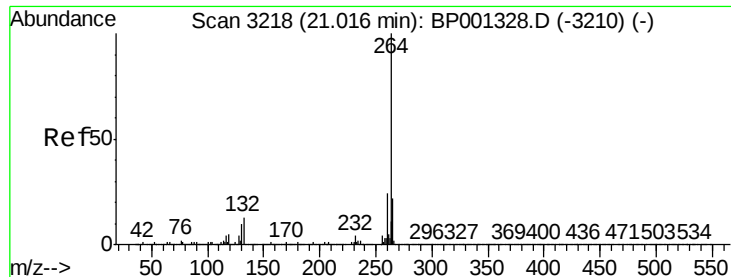
Tot Ion:240 Resp: 162671
Ion Ratio Lower Upper
240 100
120 7.2 7.6 11.4#
236 25.5 21.0 31.4



#79
Terphenyl-d14
Concen: 4.123 ng
RT: 17.88 min Scan# 2685
Delta R.T. -0.01 min
Lab File: BP001358.D
Acq: 20 Dec 2019 22:42

Tgt Ion:244 Resp: 39163
Ion Ratio Lower Upper
244 100
212 7.8 6.6 9.8
122 10.6 7.6 11.4

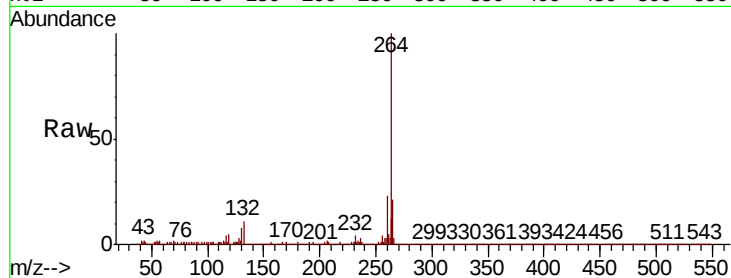




#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3219
Delta R.T. 0.01 min
Lab File: BP001358.D
Acq: 20 Dec 2019 22:42

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.0	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

