

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
 Data File : BP001386.D
 Acq On : 24 Dec 2019 15:05
 Operator : JU
 Sample : K6107-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 HR-06-121819

Quant Time: Dec 24 16:12:09 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

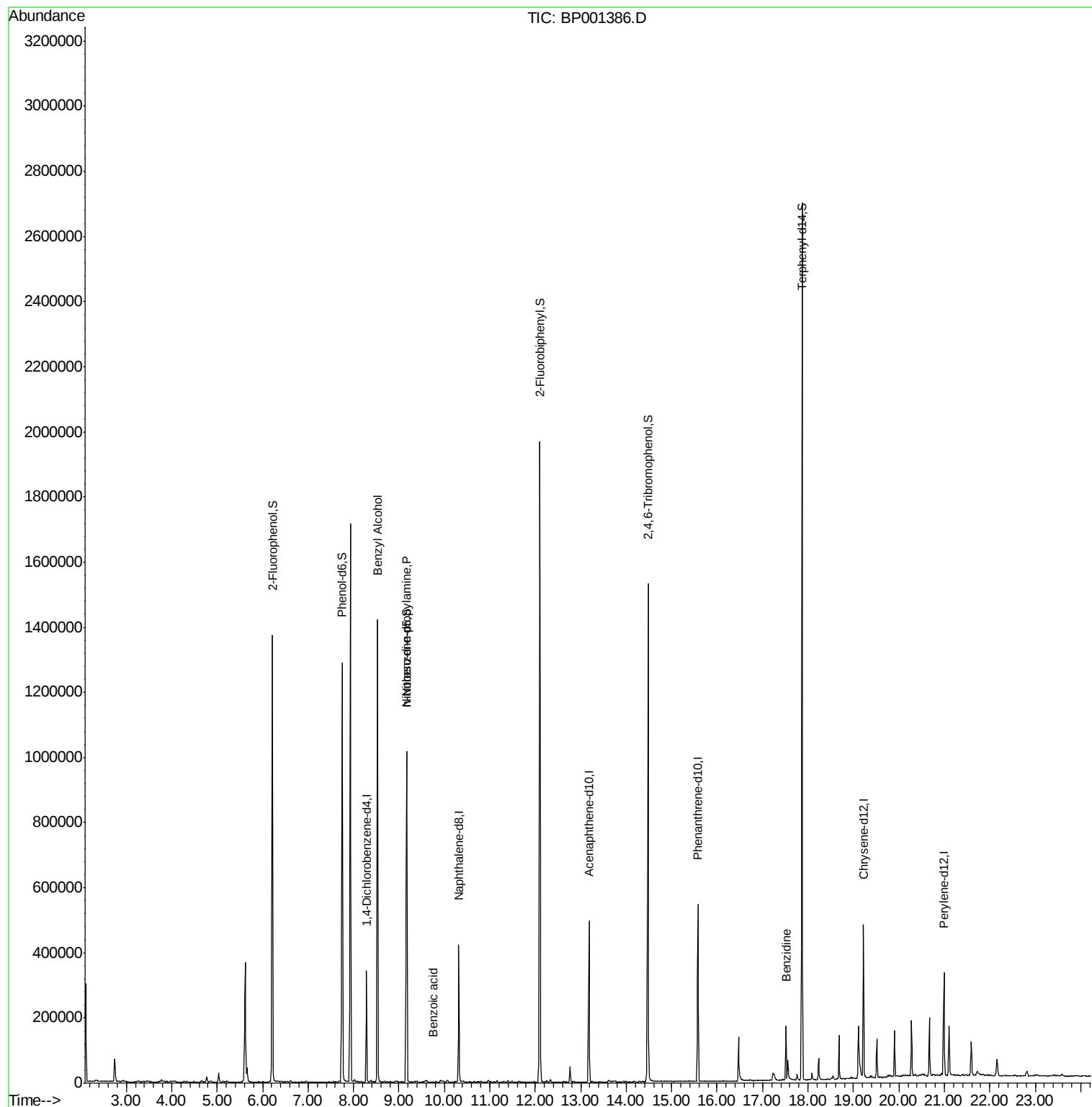
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	54989	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	208248	20.00	ng	0.00
39) Acenaphthene-d10	13.18	164	127240	20.00	ng	0.00
64) Phenanthrene-d10	15.57	188	249102	20.00	ng	0.00
76) Chrysene-d12	19.22	240	166193	20.00	ng	0.00
87) Perylene-d12	20.99	264	162713	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	410939	120.78	ng	0.02
7) Phenol-d6	7.75	99	505273	113.81	ng	0.00
23) Nitrobenzene-d5	9.17	82	443676	81.81	ng	0.00
42) 2,4,6-Tribromophenol	14.48	330	217680	136.84	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	852733	84.74	ng	0.00
79) Terphenyl-d14	17.87	244	1053634	108.59	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.53	79	9075	2.178	ng	# 61
19) n-Nitroso-di-n-propylamine	9.17	70	68479	21.727	ng	# 77
32) Benzoic acid	9.75	122	10	5.027	ng	95
77) Benzidine	17.52	184	63777	13.181	ng	98

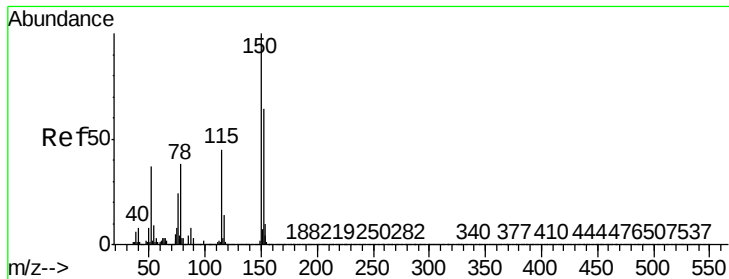
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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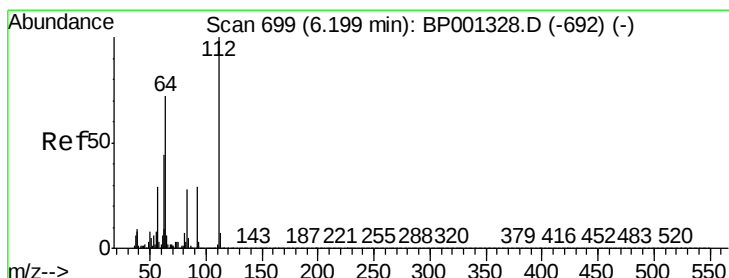
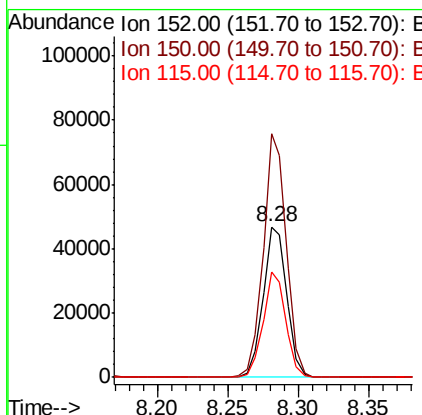
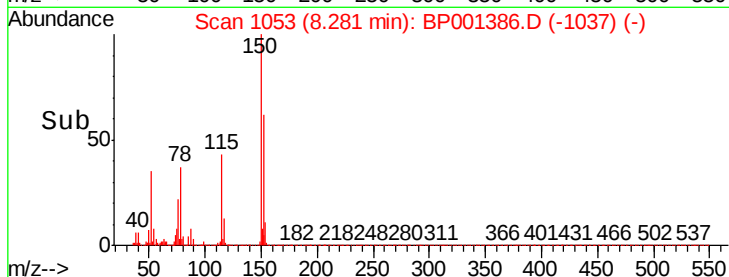
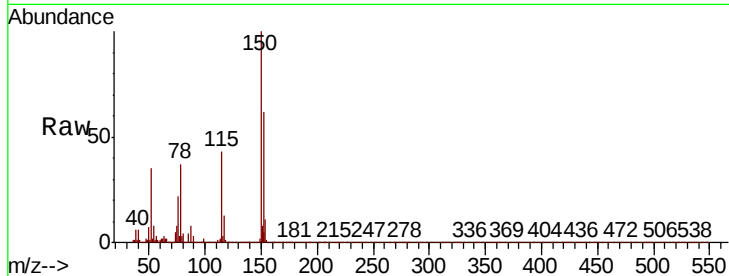




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.28 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BP001386.D
 Acq: 24 Dec 2019 15:05

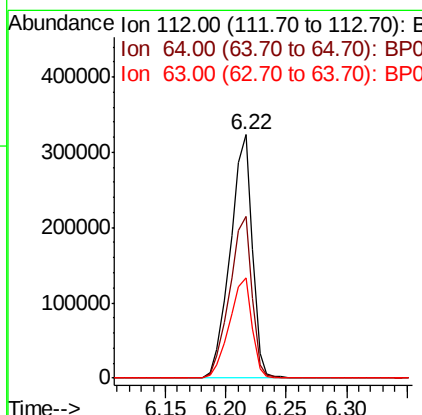
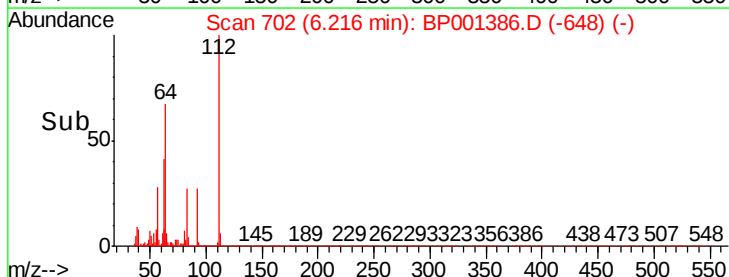
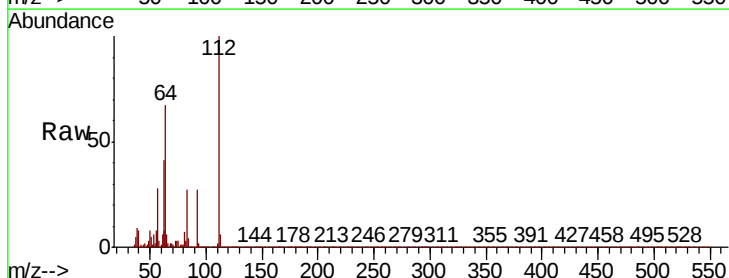
Instrument :
 BNA_E
 ClientSampleId :
 HR-06-121819

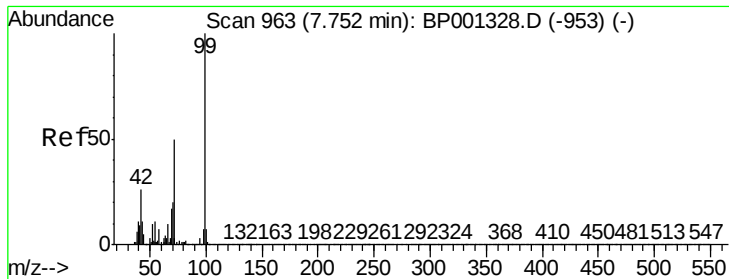
Tot Ion:	152	Resp:	54989
Ion	Ratio	Lower	Upper
152	100		
150	162.1	127.0	190.6
115	70.0	56.1	84.1



#5
 2-Fluorophenol
 Concen: 120.780 ng
 RT: 6.22 min Scan# 702
 Delta R.T. 0.02 min
 Lab File: BP001386.D
 Acq: 24 Dec 2019 15:05

Tgt Ion:	112	Resp:	410939
Ion	Ratio	Lower	Upper
112	100		
64	66.5	53.9	80.9
63	41.3	33.4	50.0





#7

Phenol-d6

Concen: 113.809 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BP001386.D

Acq: 24 Dec 2019 15:05

Instrument :

BNA_E

ClientSampleId :

HR-06-121819

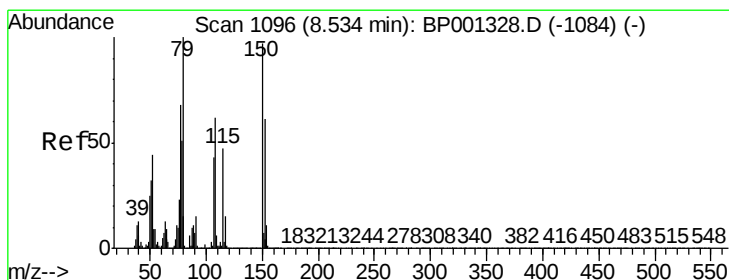
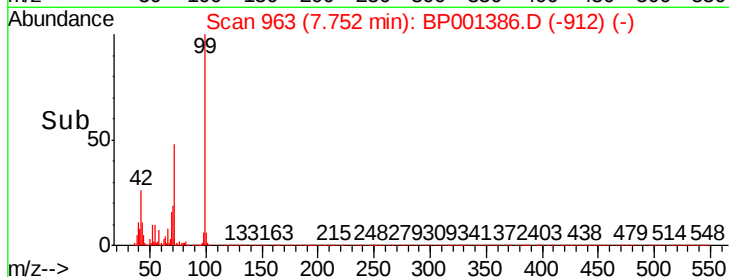
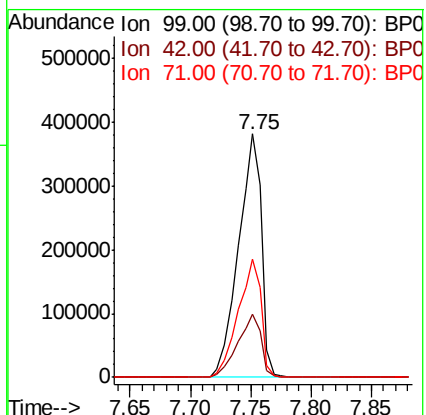
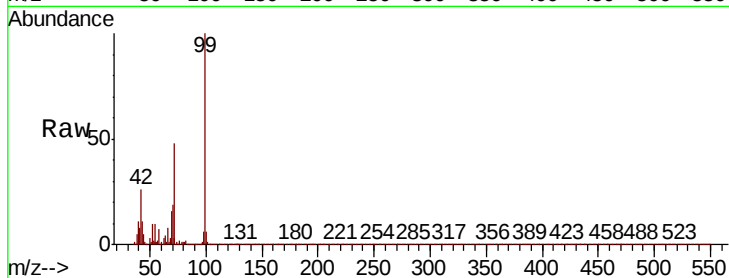
Tot Ion: 99 Resp: 505273

Ion Ratio Lower Upper

99 100

42 25.7 20.8 31.2

71 48.3 38.2 57.4



#15

Benzyl Alcohol

Concen: 2.178 ng

RT: 8.53 min Scan# 1095

Delta R.T. 0.01 min

Lab File: BP001386.D

Acq: 24 Dec 2019 15:05

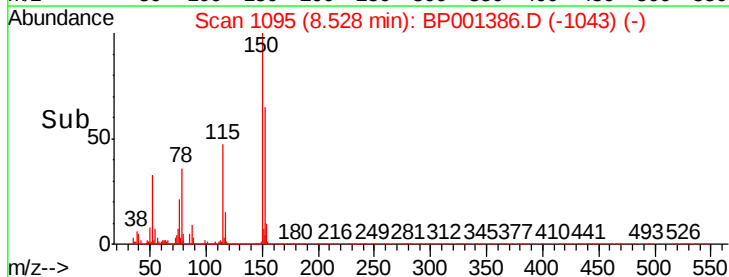
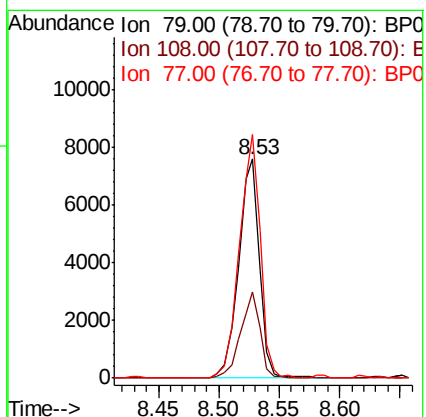
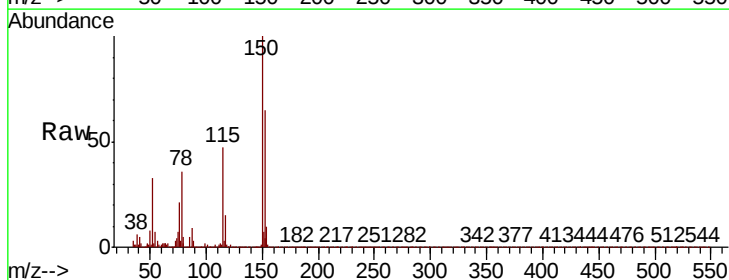
Tgt Ion: 79 Resp: 9075

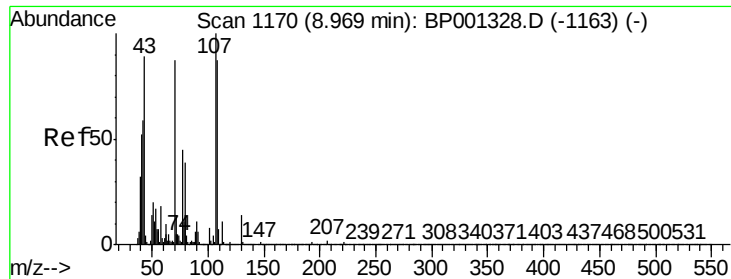
Ion Ratio Lower Upper

79 100

108 39.5 49.0 73.4#

77 111.3 56.7 85.1#

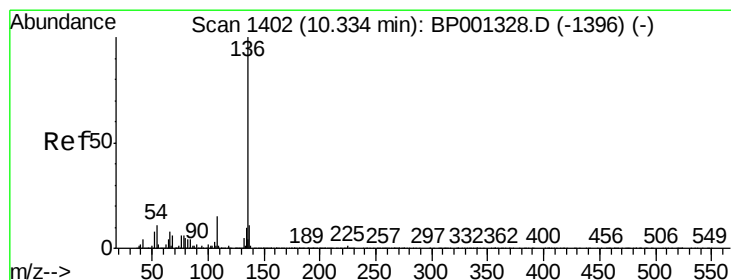
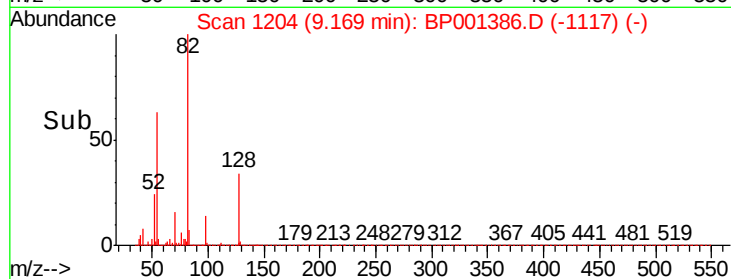
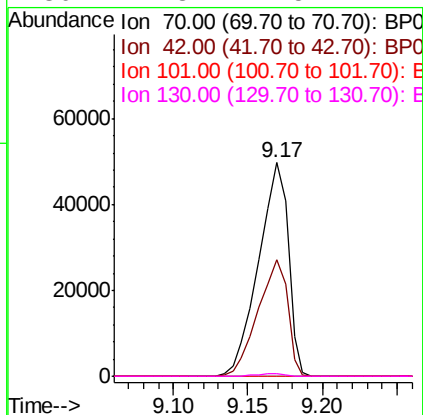
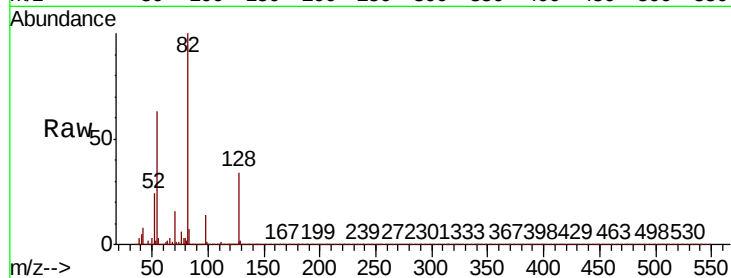




#19
n-Nitroso-di-n-propylamine
Concen: 21.727 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.21 min
Lab File: BP001386.D
Acq: 24 Dec 2019 15:05

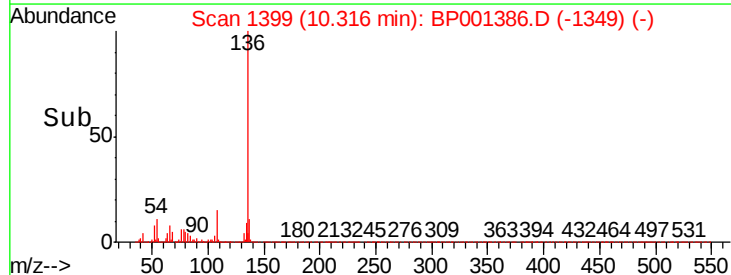
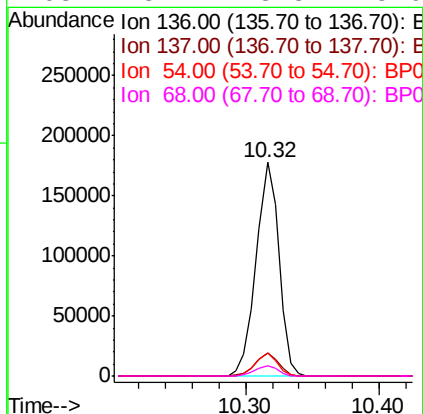
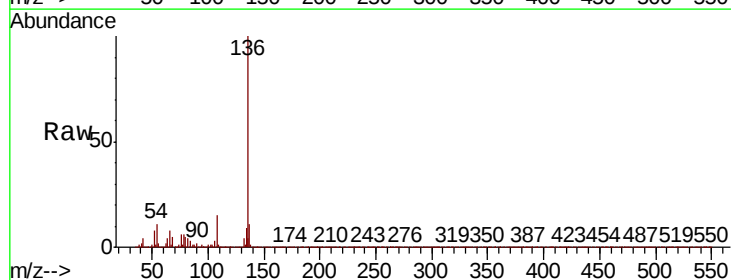
Instrument :
BNA_E
ClientSampleId :
HR-06-121819

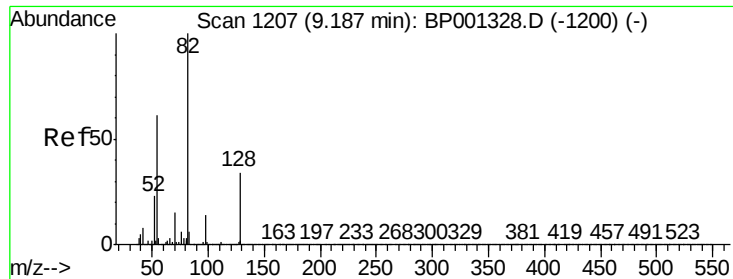
Tot Ion	Ratio	Lower	Upper
70	100		
42	54.4	55.8	83.8#
101	0.0	8.2	12.2#
130	1.3	14.5	21.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BP001386.D
Acq: 24 Dec 2019 15:05

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	10.6	7.3	10.9
68	5.1	3.8	5.6

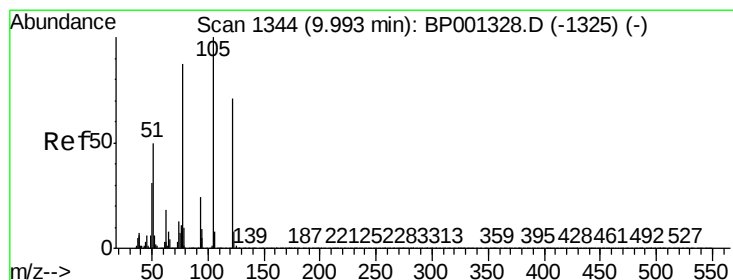
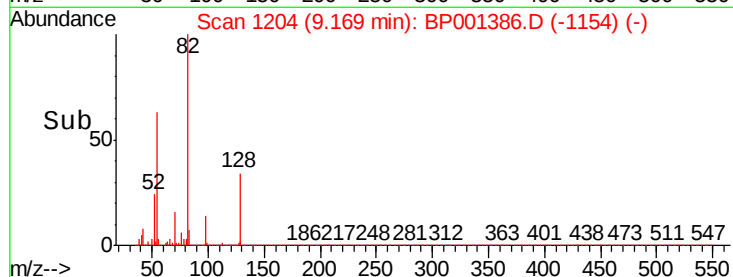
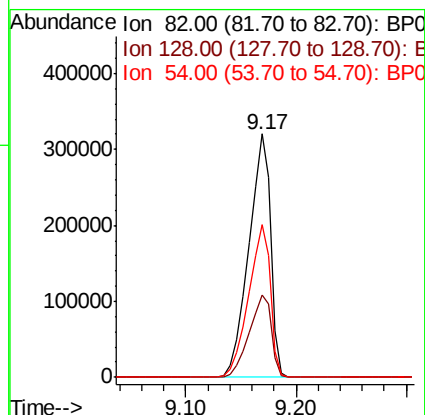
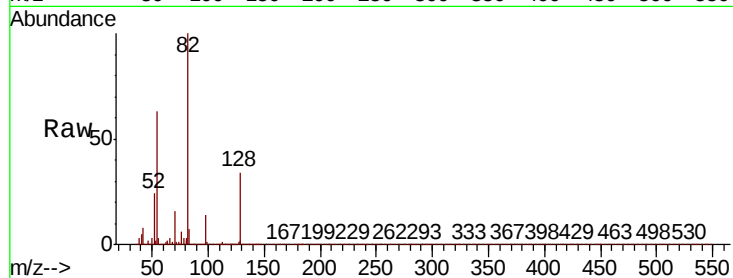




#23
 Nitrobenzene-d5
 Concen: 81.815 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BP001386.D
 Acq: 24 Dec 2019 15:05

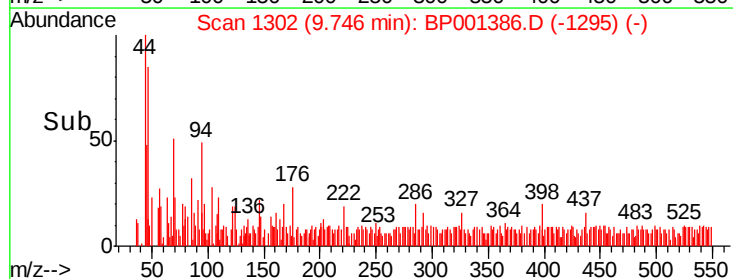
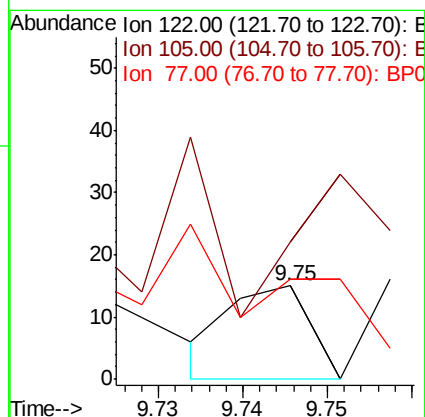
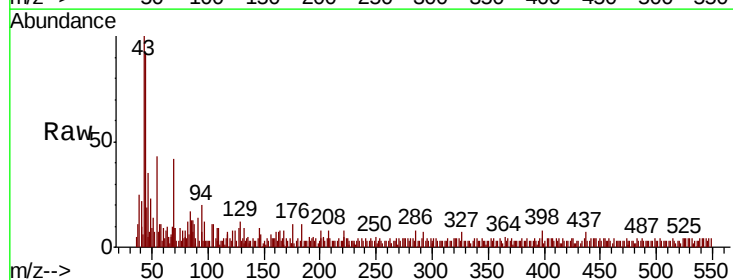
Instrument :
 BNA_E
 ClientSampleId :
 HR-06-121819

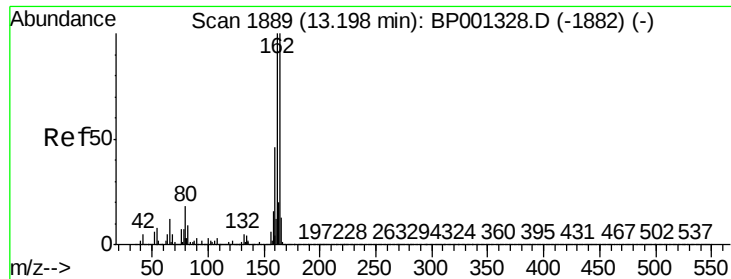
Tot Ion: 82 Resp: 443676
 Ion Ratio Lower Upper
 82 100
 128 33.7 27.4 41.0
 54 62.8 47.5 71.3



#32
 Benzoic acid
 Concen: 5.027 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.26 min
 Lab File: BP001386.D
 Acq: 24 Dec 2019 15:05

Tgt Ion: 122 Resp: 10
 Ion Ratio Lower Upper
 122 100
 105 146.7 117.8 157.8
 77 106.7 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: BP001386.D

Acq: 24 Dec 2019 15:05

Instrument :

BNA_E

ClientSampleId :

HR-06-121819

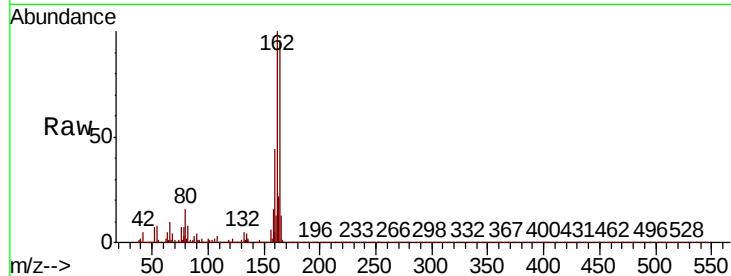
Tot Ion:164 Resp: 127240

Ion Ratio Lower Upper

164 100

162 103.7 78.2 117.4

160 45.8 35.1 52.7

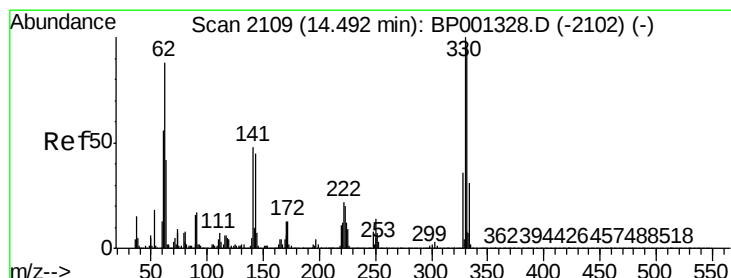
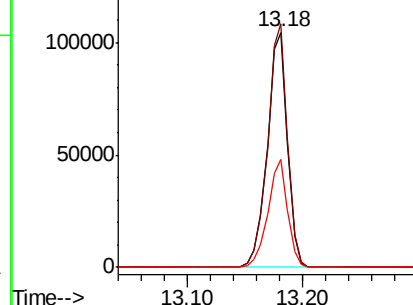
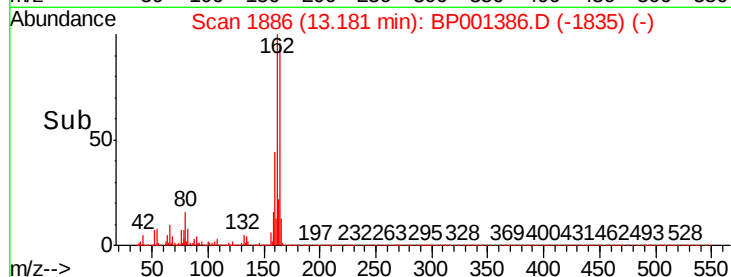


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 136.838 ng

RT: 14.48 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BP001386.D

Acq: 24 Dec 2019 15:05

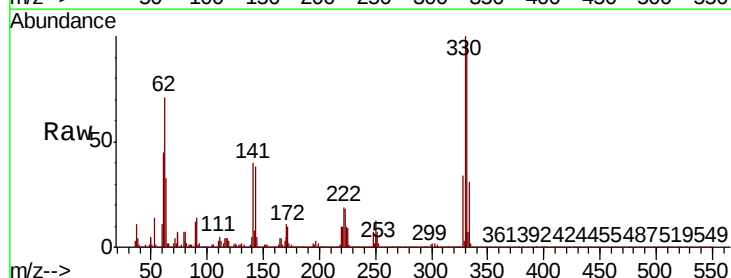
Tgt Ion:330 Resp: 217680

Ion Ratio Lower Upper

330 100

332 96.3 78.3 117.5

141 42.5 26.8 40.2#

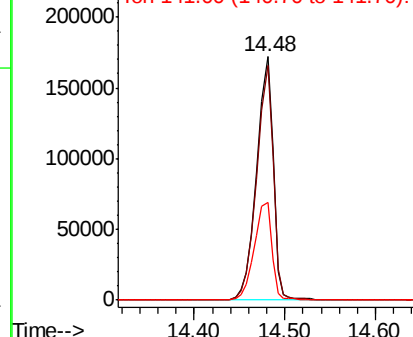
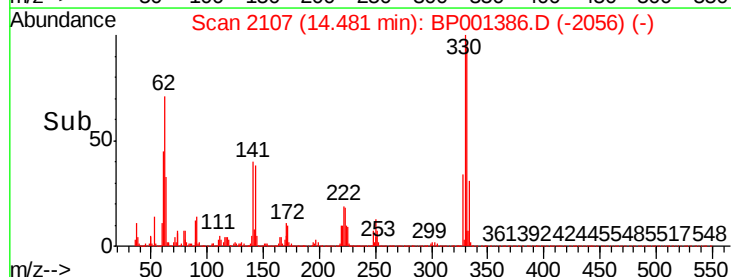


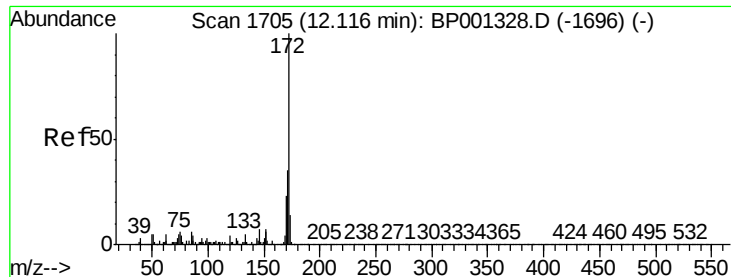
Abundance

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

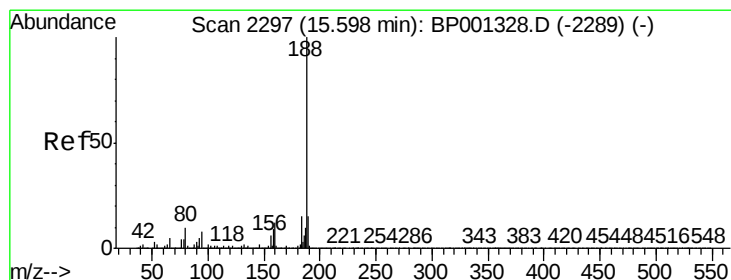
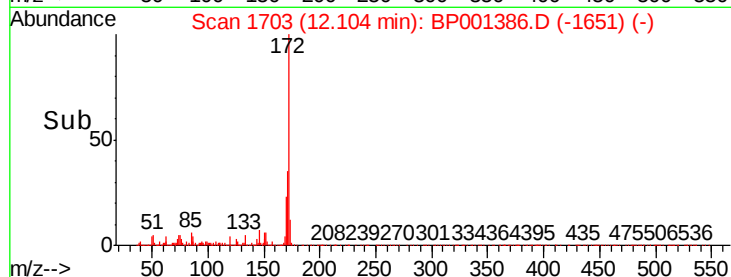
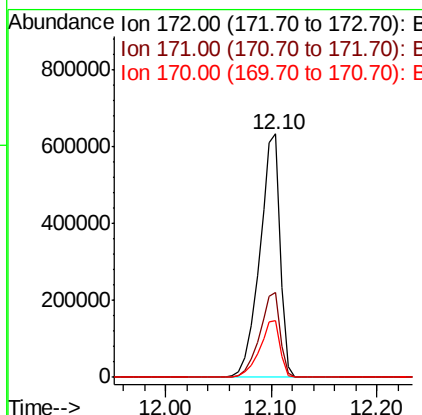
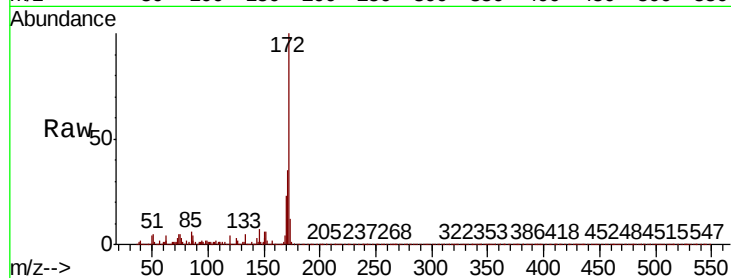




#45
2-Fluorobiphenyl
Concen: 84.743 ng
RT: 12.10 min Scan# 1703
Delta R.T. 0.01 min
Lab File: BP001386.D
Acq: 24 Dec 2019 15:05

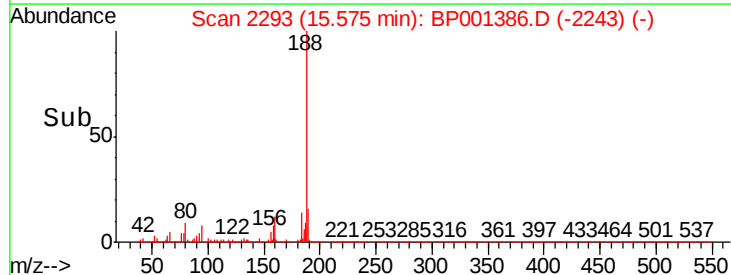
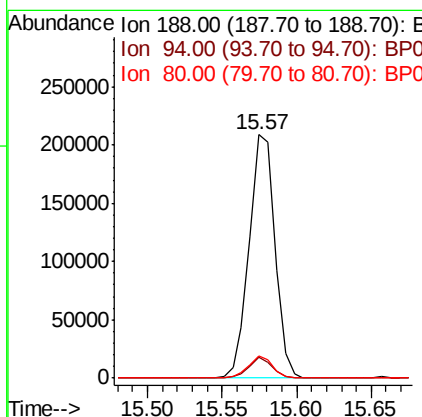
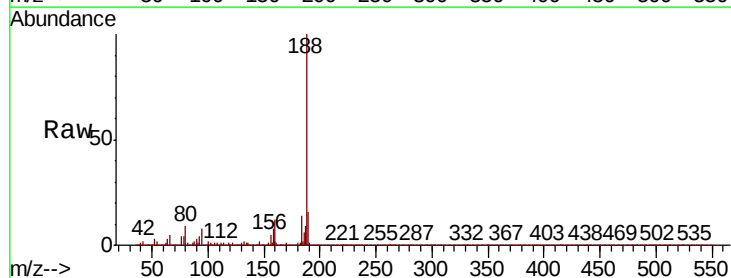
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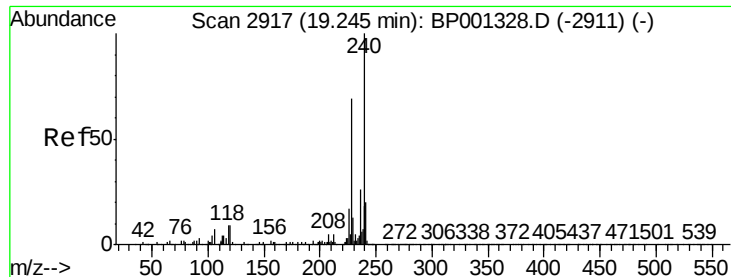
Tot Ion:172 Resp: 852733
Ion Ratio Lower Upper
172 100
171 34.7 27.4 41.0
170 23.3 18.2 27.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BP001386.D
Acq: 24 Dec 2019 15:05

Tgt Ion:188 Resp: 249102
Ion Ratio Lower Upper
188 100
94 8.5 5.8 8.8
80 9.2 5.7 8.5#

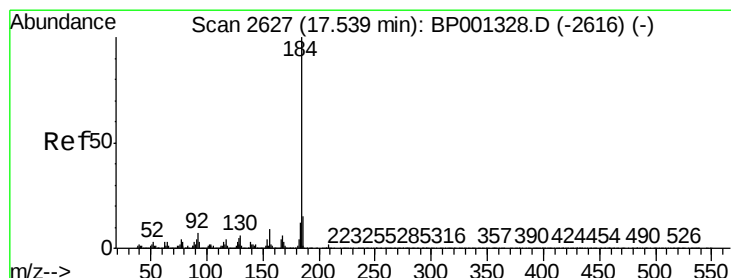
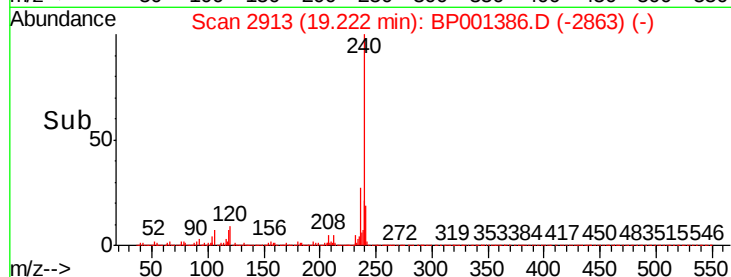
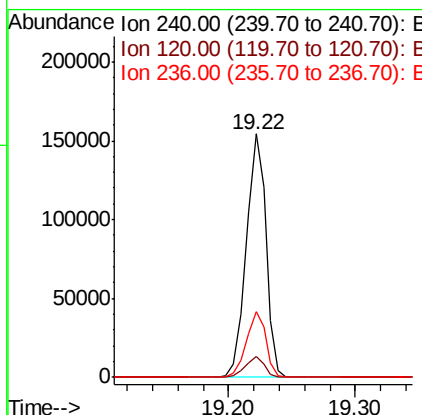
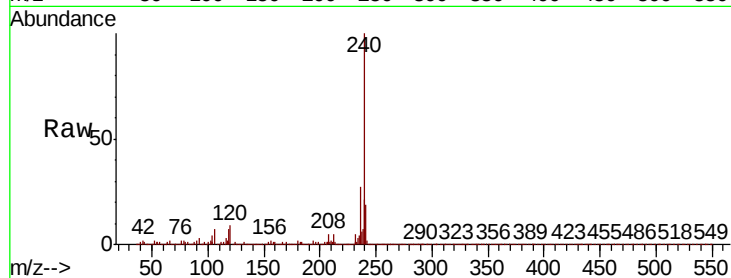




#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.22 min Scan# 2913
Delta R.T. -0.01 min
Lab File: BP001386.D
Acq: 24 Dec 2019 15:05

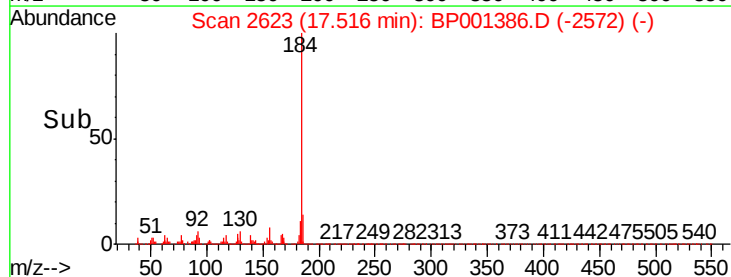
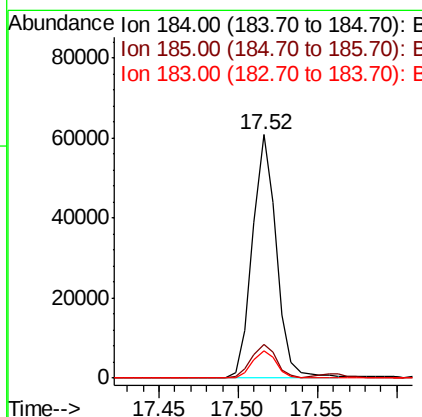
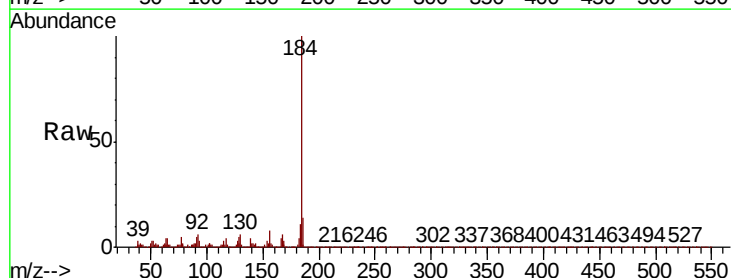
Instrument :
BNA_E
ClientSampleId :
HR-06-121819

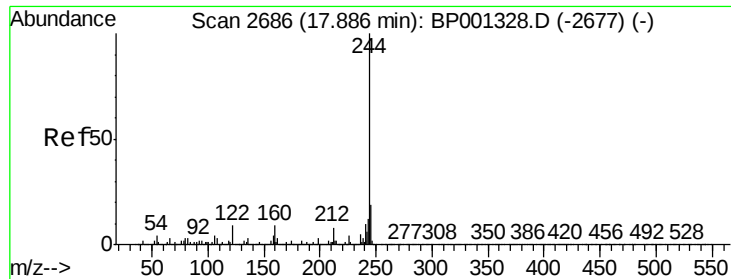
Tot Ion:240 Resp: 166193
Ion Ratio Lower Upper
240 100
120 8.6 6.2 9.2
236 26.8 20.2 30.2



#77
Benzidine
Concen: 13.181 ng
RT: 17.52 min Scan# 2623
Delta R.T. -0.00 min
Lab File: BP001386.D
Acq: 24 Dec 2019 15:05

Tgt Ion:184 Resp: 63777
Ion Ratio Lower Upper
184 100
185 14.1 11.8 17.8
183 11.1 9.6 14.4





#79

Terphenyl-d14

Concen: 108.586 ng

RT: 17.87 min Scan# 2683

Delta R.T. -0.00 min

Lab File: BP001386.D

Acq: 24 Dec 2019 15:05

Instrument :

BNA_E

ClientSampleId :

HR-06-121819

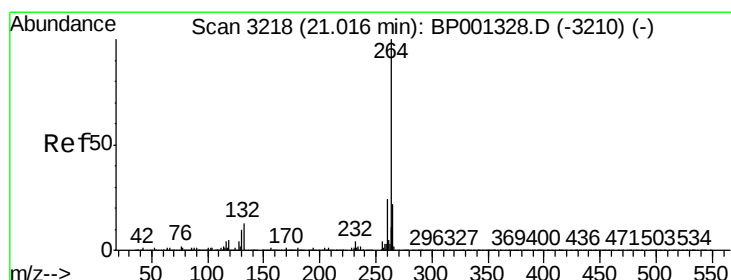
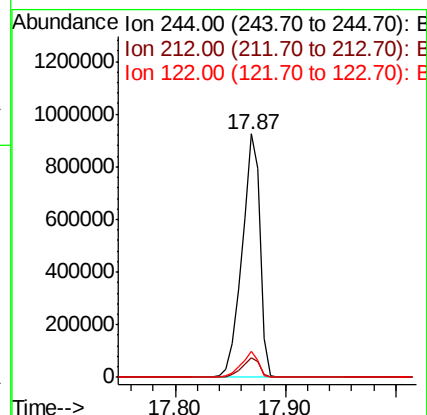
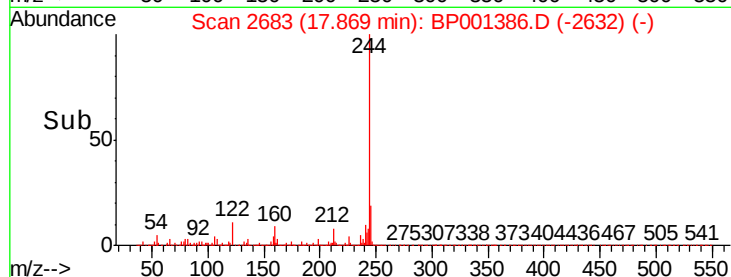
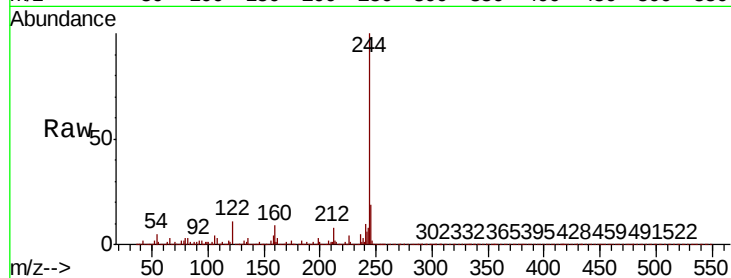
Tot Ion:244 Resp: 1053634

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

122 10.7 6.4 9.6#



#87

Perylene-d12

Concen: 20.000 ng

RT: 20.99 min Scan# 3214

Delta R.T. -0.00 min

Lab File: BP001386.D

Acq: 24 Dec 2019 15:05

Tgt Ion:264 Resp: 162713

Ion Ratio Lower Upper

264 100

260 22.0 19.0 28.4

265 20.4 17.0 25.4

