

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
 Data File : BP001368.D
 Acq On : 23 Dec 2019 15:38
 Operator : JU
 Sample : K6372-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 24 01:29:14 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	45501	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	162329	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	96306	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	190243	20.00	ng	0.00
76) Chrysene-d12	19.25	240	150423	20.00	ng	0.00
87) Perylene-d12	21.02	264	158033	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.22	112	170763	60.65	ng	0.02
7) Phenol-d6	7.76	99	110255	30.01	ng	0.00
23) Nitrobenzene-d5	9.19	82	358069	84.71	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	164678	136.77	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	635604	83.45	ng	0.00
79) Terphenyl-d14	17.89	244	823378	93.75	ng	0.00

Target Compounds

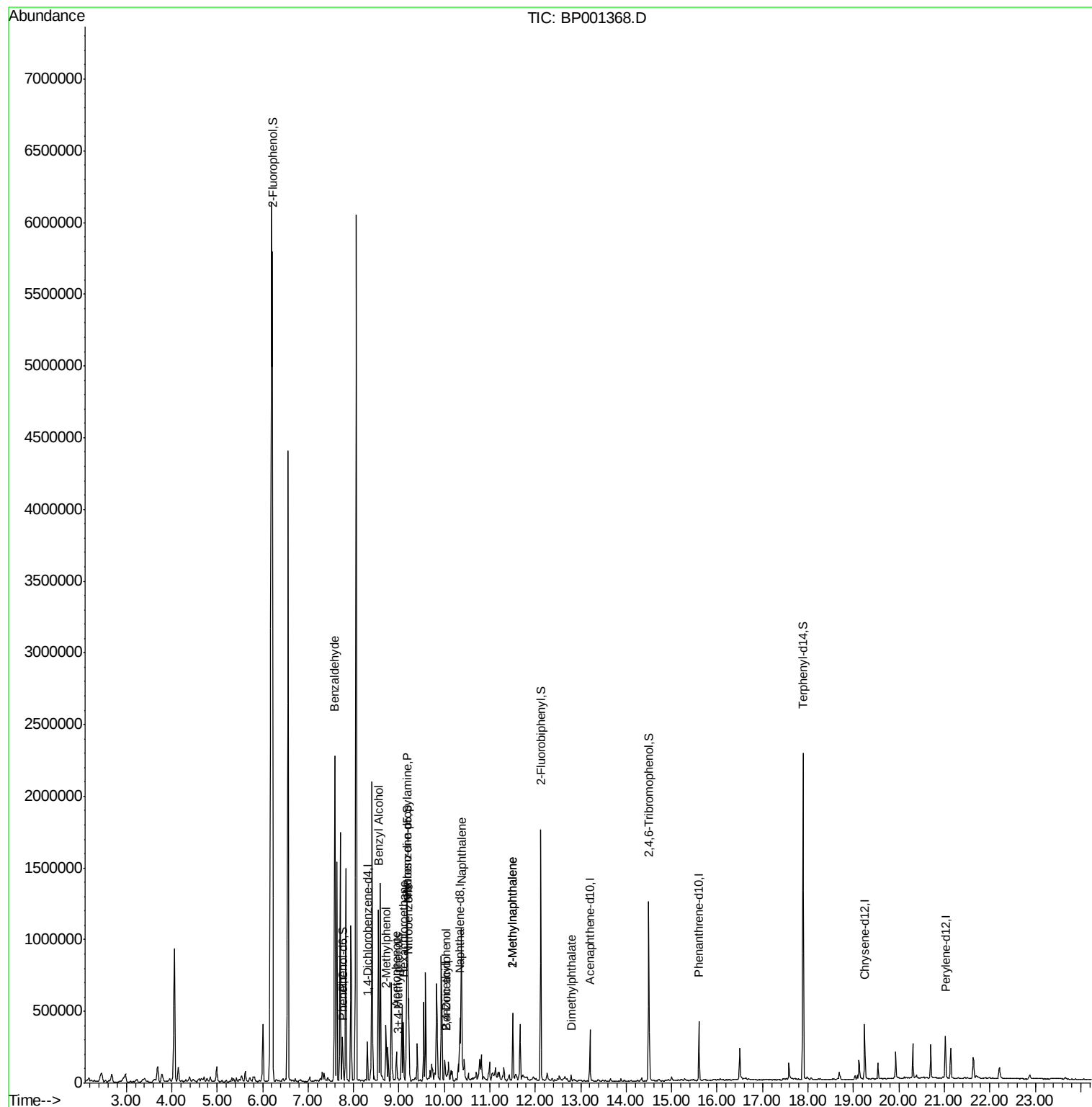
						Qvalue
9) Benzaldehyde	7.59	77	155375	60.292	ng	# 1
10) Phenol	7.78	94	21214	5.054	ng	# 80
15) Benzyl Alcohol	8.55	79	9327	2.706	ng	# 66
17) 2-Methylphenol	8.73	107	13559	5.421	ng	# 66
18) Hexachloroethane	9.10	117	14998	9.816	ng	# 1
19) n-Nitroso-di-n-propylamine	9.19	70	54094	20.742	ng	# 77
20) 3+4-Methylphenols	8.98	107	7269	2.190	ng	# 89
22) Acetophenone	8.95	105	89816	17.497	ng	# 54
24) Nitrobenzene	9.21	77	17394	4.181	ng	# 5
27) 2,4-Dimethylphenol	10.04	122	6259	2.868	ng	# 95
31) Naphthalene	10.38	128	518396	58.503	ng	# 99
32) Benzoic acid	10.04	122	6279	8.209	ng	# 20
37) 2-Methylnaphthalene	11.50	142	132905	21.726	ng	# 97
38) 1-Methylnaphthalene	11.50	142	132905	23.109	ng	# 99
50) Dimethylphthalate	12.79	163	16483	2.086	ng	# 97

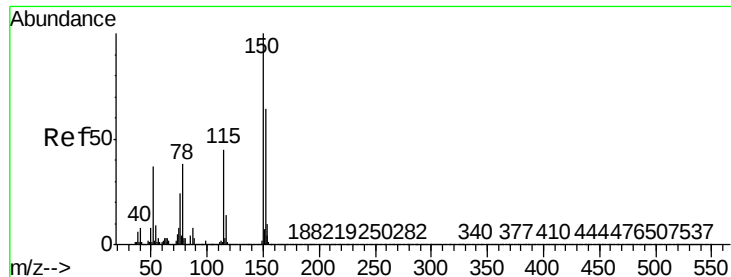
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 20 03:20:39 2019
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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: BP001368.D

Acq: 23 Dec 2019 15:38

Instrument :

BNA_P

ClientSampleId :

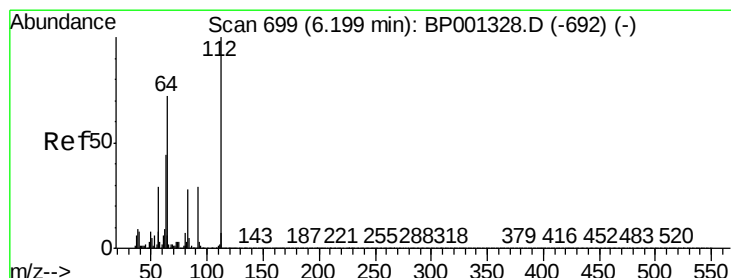
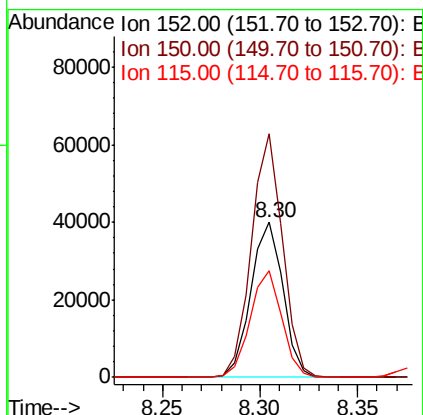
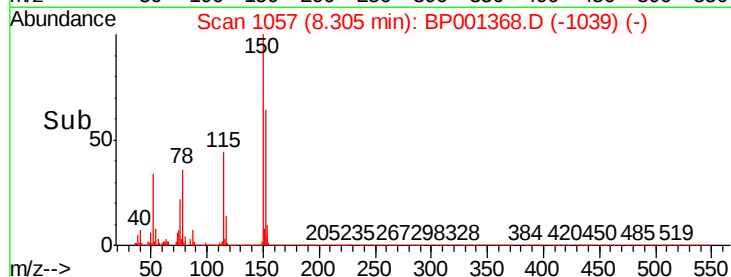
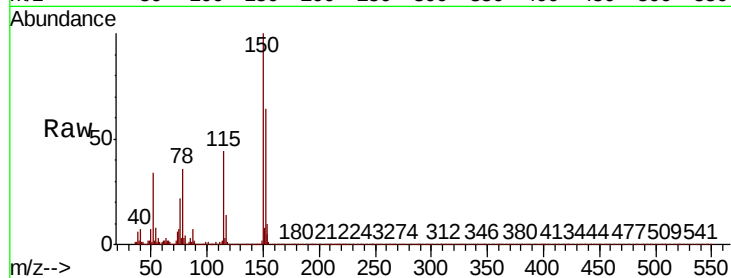
Tot Ion:152 Resp: 45501

Ion Ratio Lower Upper

152 100

150 157.4 124.0 186.0

115 68.6 59.3 88.9



#5

2-Fluorophenol

Concen: 60.655 ng

RT: 6.22 min Scan# 702

Delta R.T. 0.02 min

Lab File: BP001368.D

Acq: 23 Dec 2019 15:38

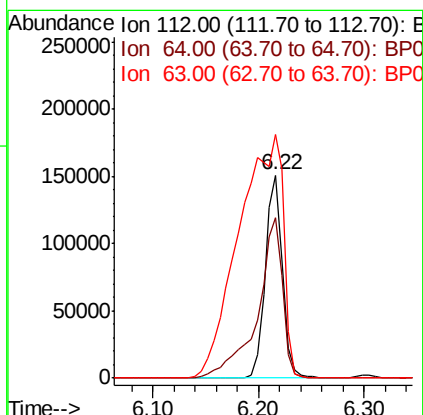
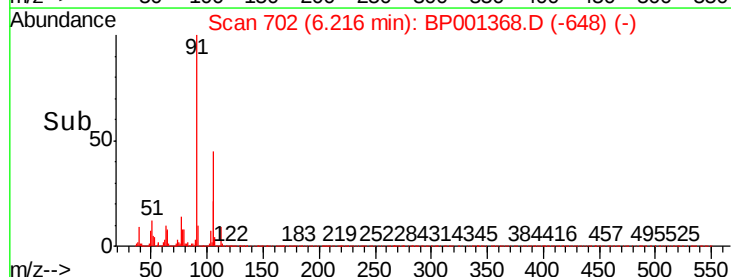
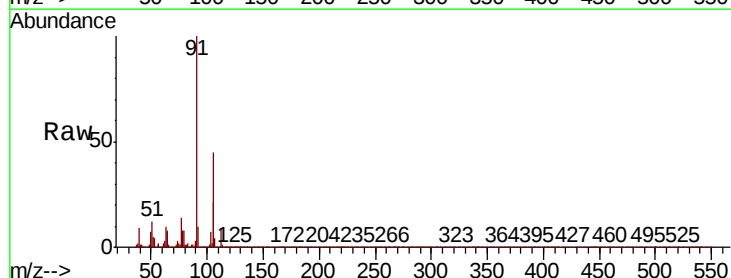
Tgt Ion:112 Resp: 170763

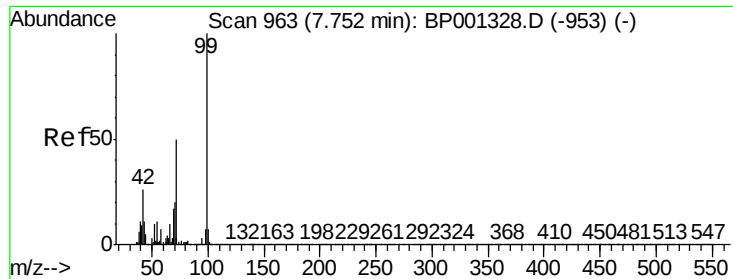
Ion Ratio Lower Upper

112 100

64 78.8 57.6 86.4

63 119.9 35.1 52.7#





#7

Phenol-d6

Concen: 30.013 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BP001368.D

Acq: 23 Dec 2019 15:38

Instrument :

BNA_P

ClientSampleId :

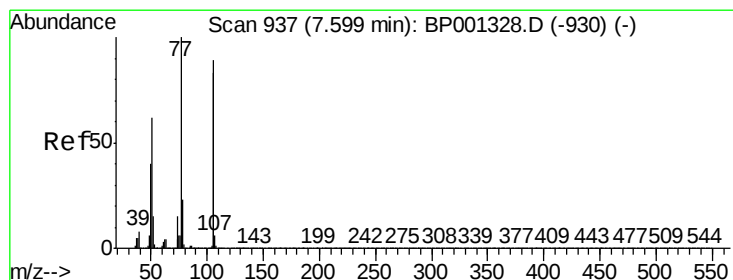
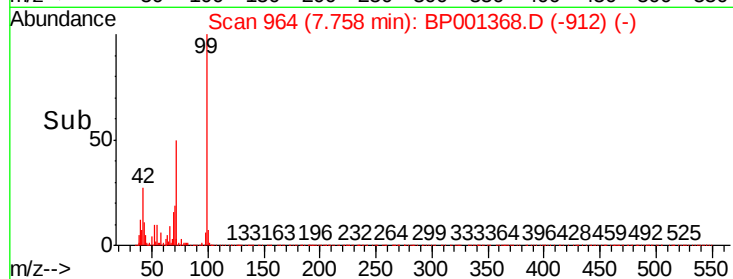
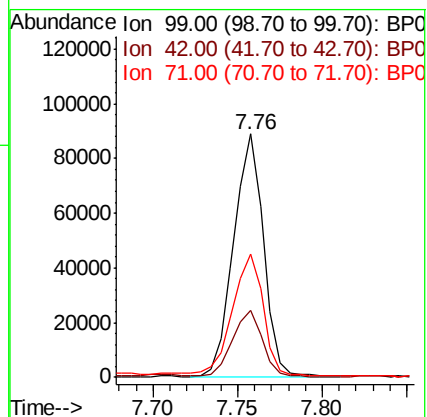
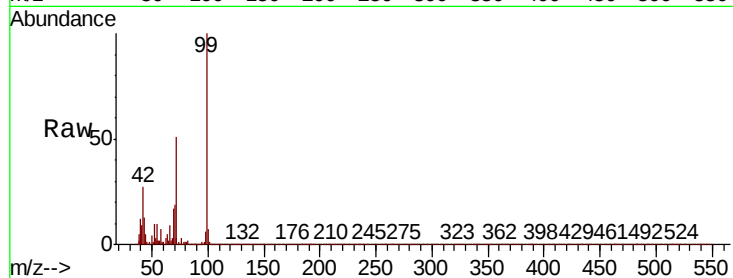
Tot Ion: 99 Resp: 110255

Ion Ratio Lower Upper

99 100

42 27.5 20.9 31.3

71 50.8 40.0 60.0



#9

Benzaldehyde

Concen: 60.292 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.01 min

Lab File: BP001368.D

Acq: 23 Dec 2019 15:38

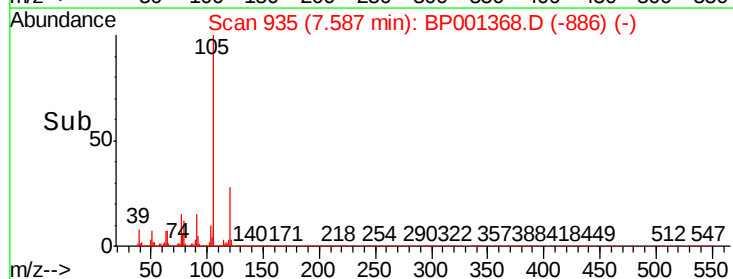
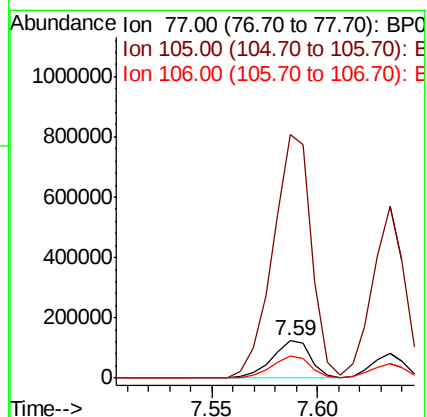
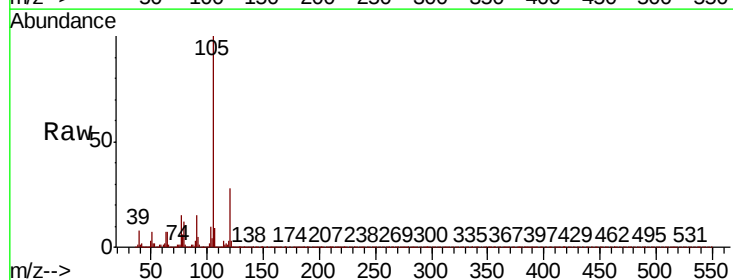
Tgt Ion: 77 Resp: 155375

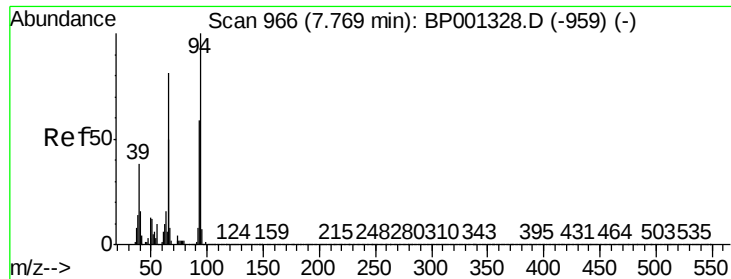
Ion Ratio Lower Upper

77 100

105 658.2 68.6 108.6#

106 60.2 62.5 102.5#





#10

Phenol

Concen: 5.054 ng

RT: 7.78 min Scan# 967

Delta R.T. 0.01 min

Lab File: BP001368.D

Acq: 23 Dec 2019 15:38

Instrument :

BNA_P

ClientSampled :

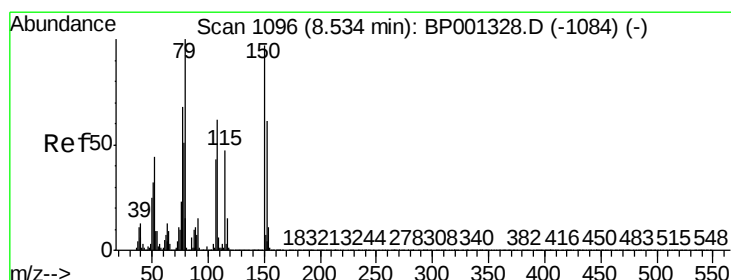
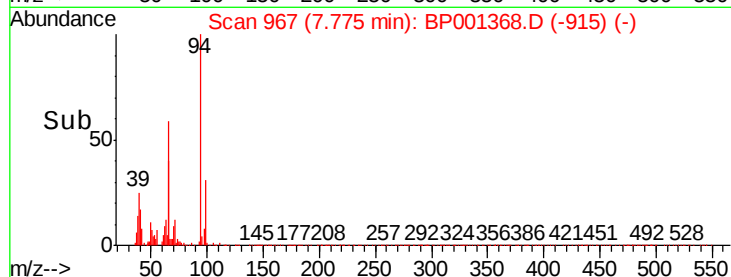
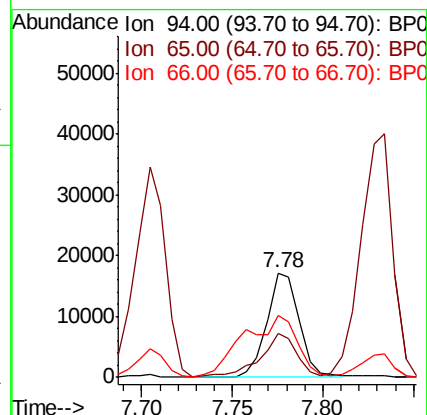
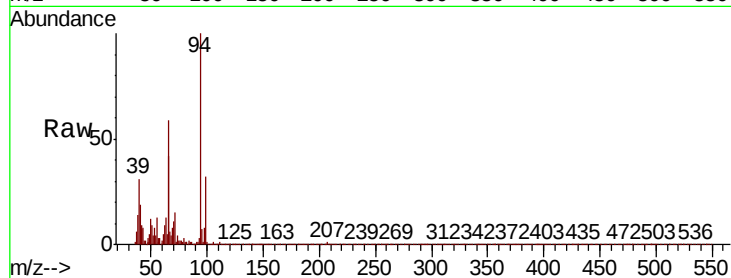
Tot Ion: 94 Resp: 21214

Ion Ratio Lower Upper

94 100

65 41.7 30.4 70.4

66 59.4 62.0 102.0#



#15

Benzyl Alcohol

Concen: 2.706 ng

RT: 8.55 min Scan# 1098

Delta R.T. 0.01 min

Lab File: BP001368.D

Acq: 23 Dec 2019 15:38

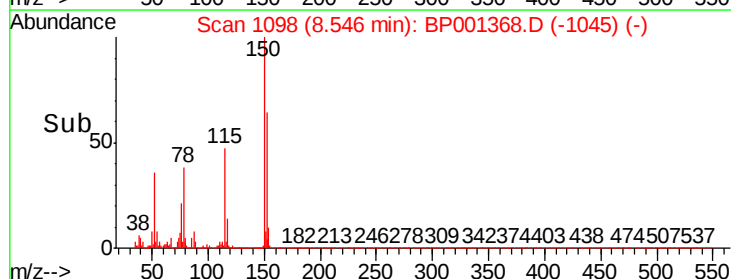
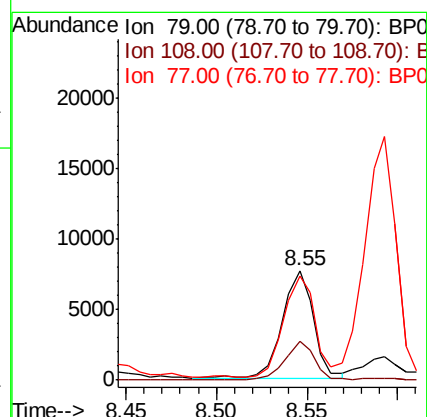
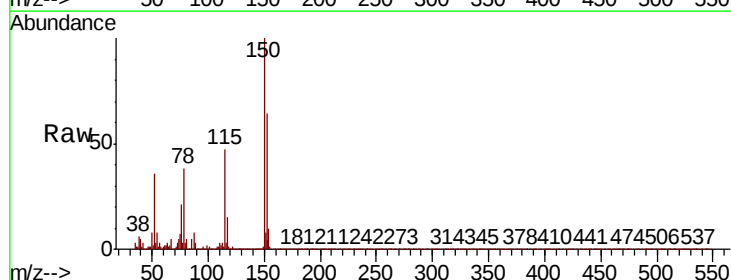
Tgt Ion: 79 Resp: 9327

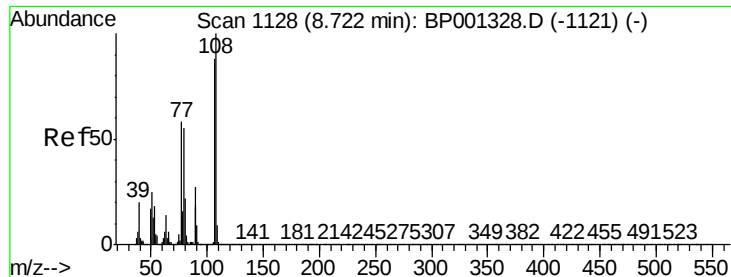
Ion Ratio Lower Upper

79 100

108 35.2 49.3 73.9#

77 95.0 54.4 81.6#

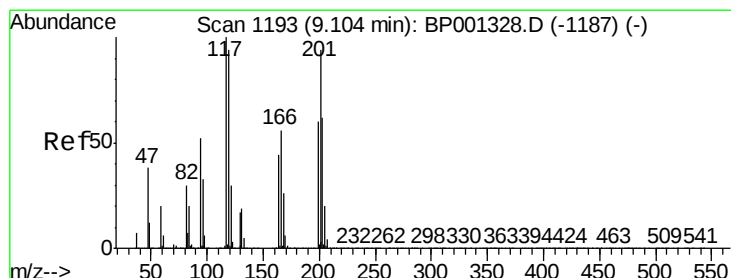
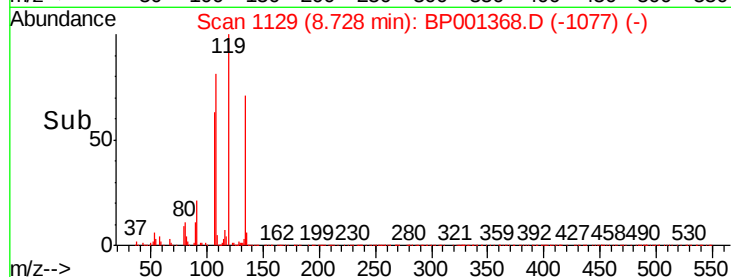
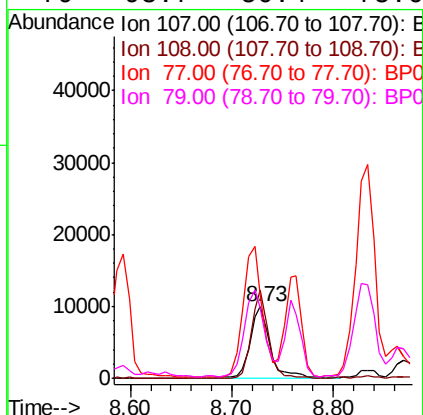
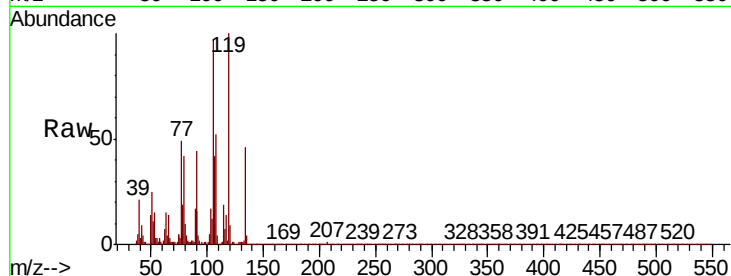




#17
2-Methylphenol
Concen: 5.421 ng
RT: 8.73 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BP001368.D
Acq: 23 Dec 2019 15:38

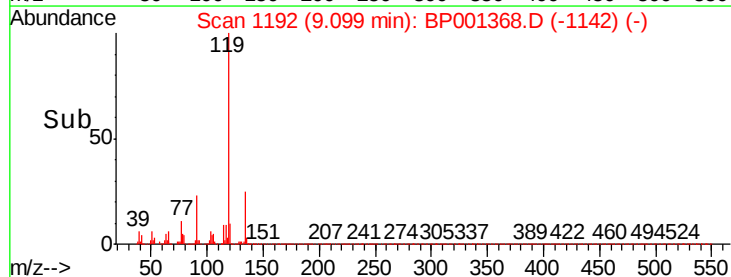
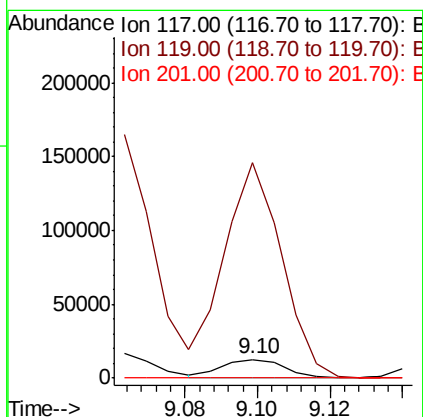
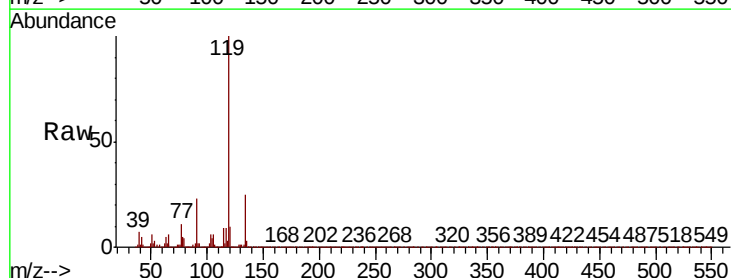
Instrument :
BNA_P
ClientSampleId :

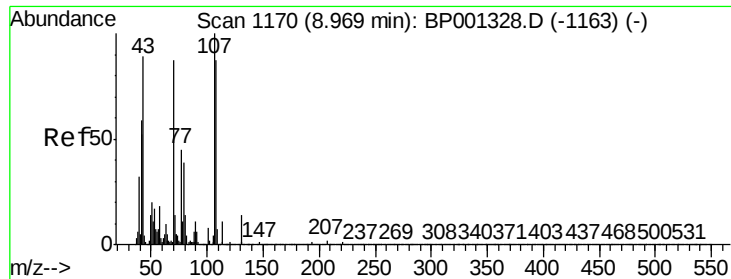
Tot Ion:107 Resp: 13559
Ion Ratio Lower Upper
107 100
108 123.4 90.7 136.1
77 117.2 52.7 79.1#
79 98.7 50.4 75.6#



#18
Hexachloroethane
Concen: 9.816 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BP001368.D
Acq: 23 Dec 2019 15:38

Tgt Ion:117 Resp: 14998
Ion Ratio Lower Upper
117 100
119 1136.5 75.0 112.4#
201 0.0 75.6 113.4#

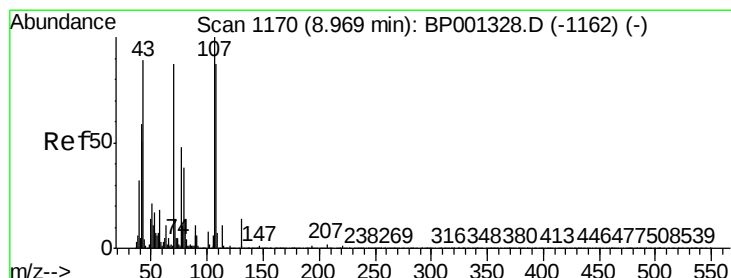
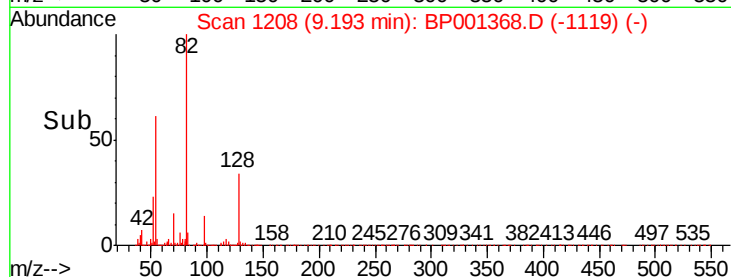
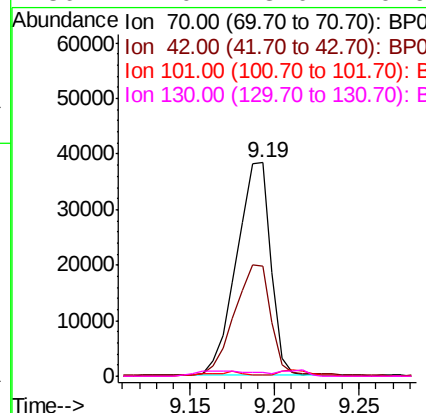
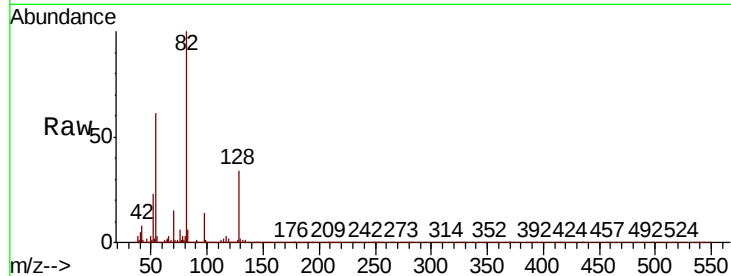




#19
n-Nitroso-di-n-propylamine
Concen: 20.742 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.22 min
Lab File: BP001368.D
Acq: 23 Dec 2019 15:38

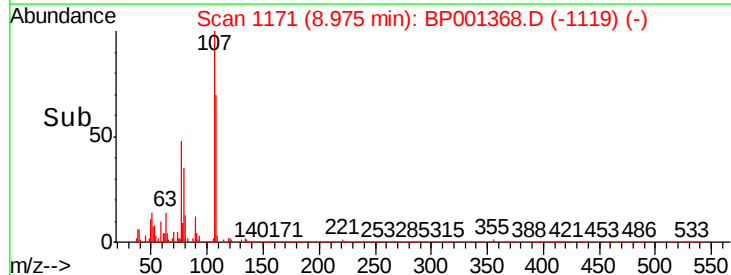
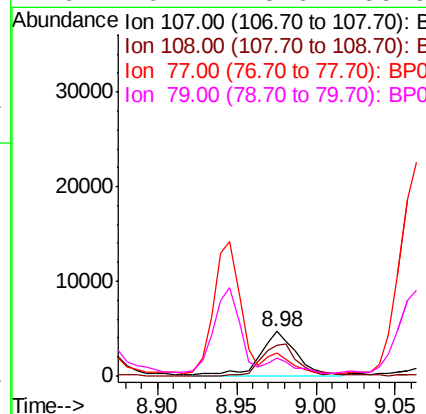
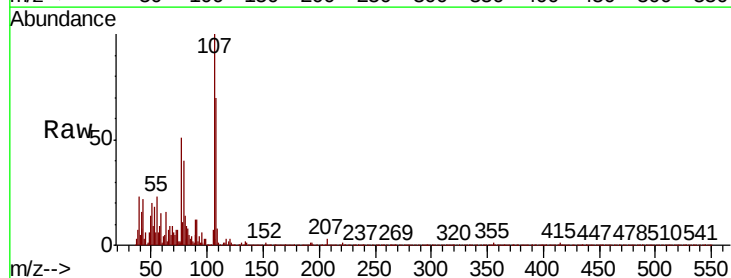
Instrument :
BNA_P
ClientSampled :

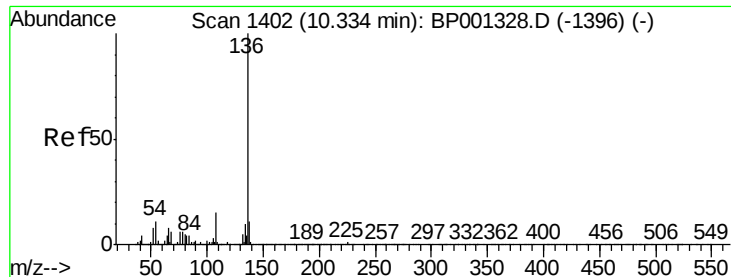
Tot Ion	Ratio	Lower	Upper
70	100		
42	51.5	54.1	81.1#
101	0.6	7.0	10.4#
130	2.0	13.0	19.6#



#20
3+4-Methylphenols
Concen: 2.190 ng
RT: 8.98 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BP001368.D
Acq: 23 Dec 2019 15:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	69.5	67.2	107.2
77	50.9	28.0	68.0
79	40.4	18.6	58.6

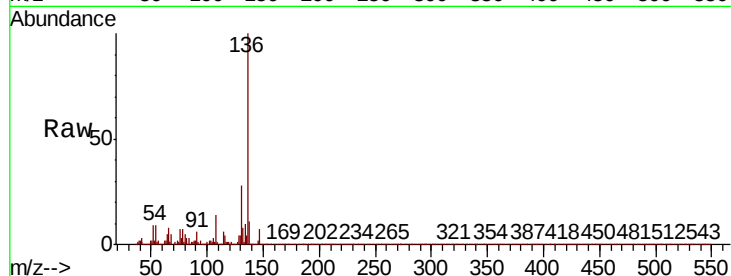




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BP001368.D
Acq: 23 Dec 2019 15:38

Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp:	162329
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.8	13.2
54 9.4	8.8	13.2
68 5.4	4.6	6.8



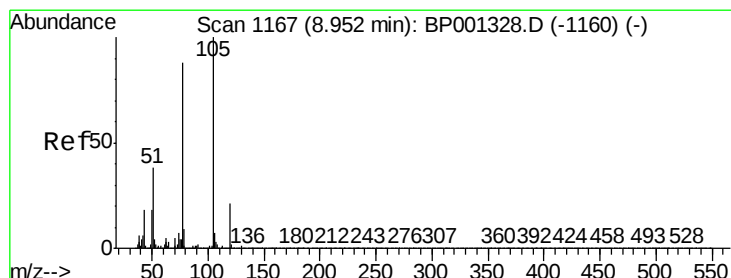
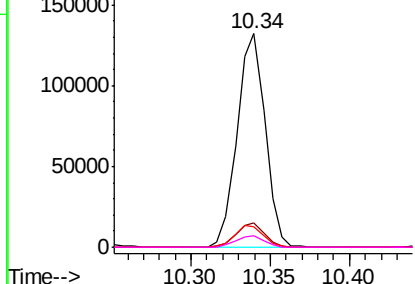
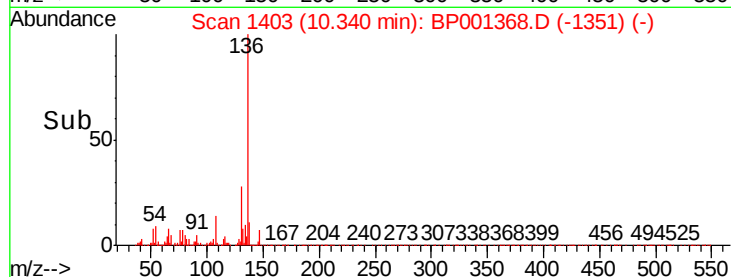
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

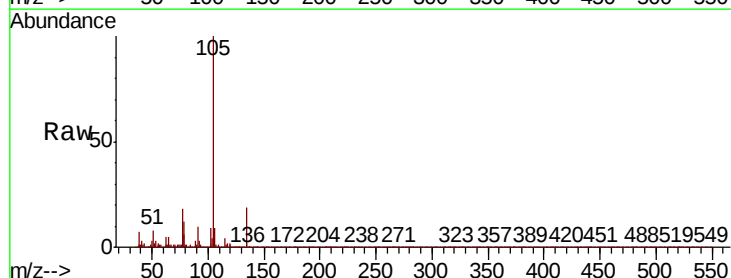
Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#22
Acetophenone
Concen: 17.497 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BP001368.D
Acq: 23 Dec 2019 15:38

Tgt Ion	Ion:105	Resp:	89816
105	Ratio 100	Lower	Upper
71	0.6	0.8	1.2#
51	8.1	30.6	45.8#
120	1.1	16.5	24.7#



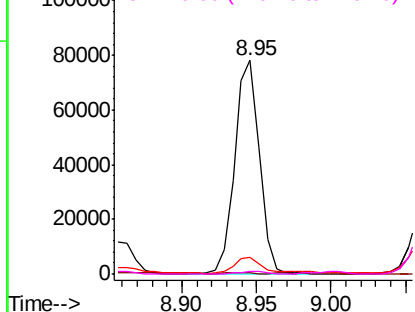
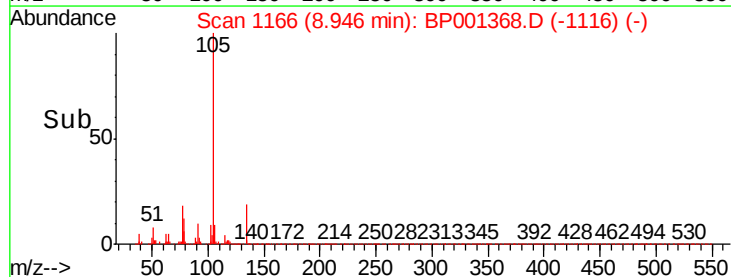
Abundance

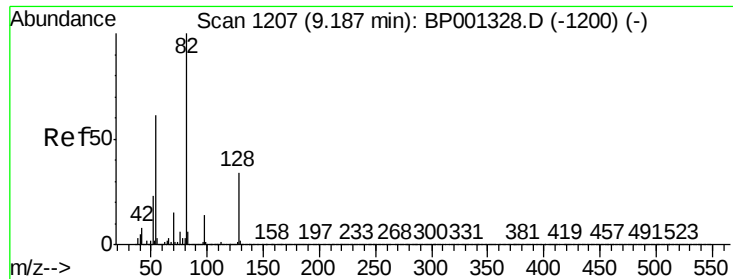
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BP0

Ion 51.00 (50.70 to 51.70): BP0

Ion 120.00 (119.70 to 120.70): E

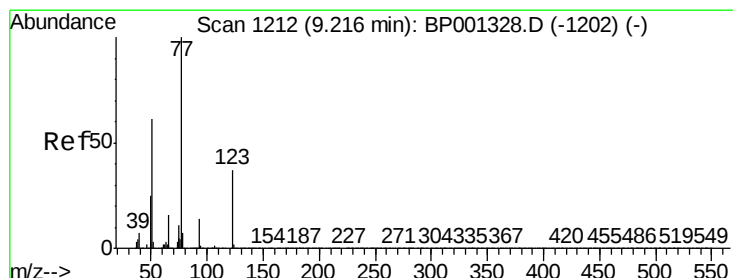
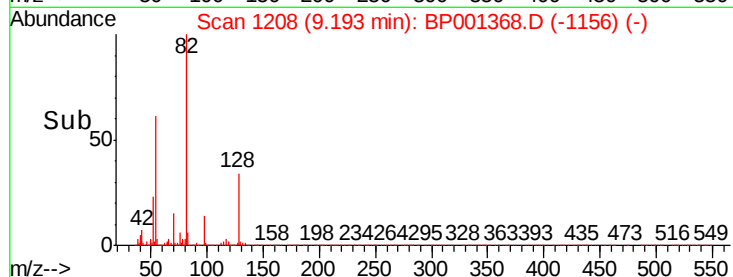
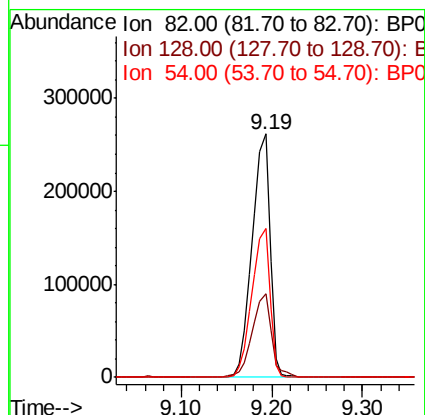
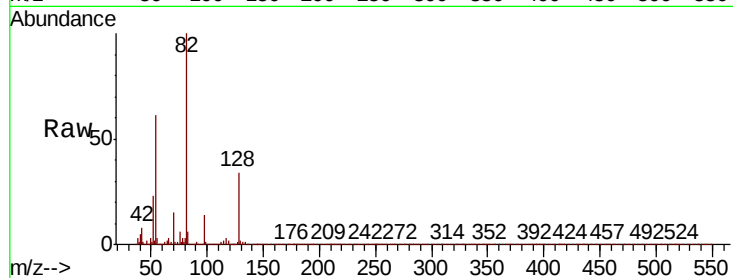




#23
Nitrobenzene-d5
Concen: 84.706 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BP001368.D
Acq: 23 Dec 2019 15:38

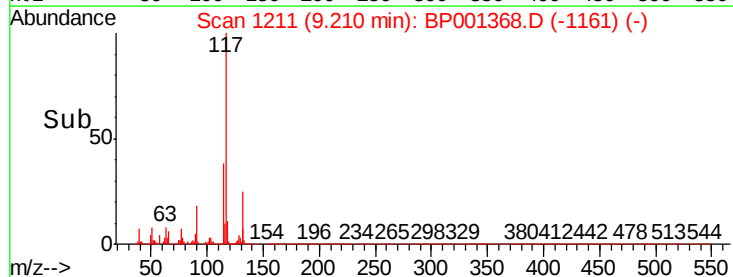
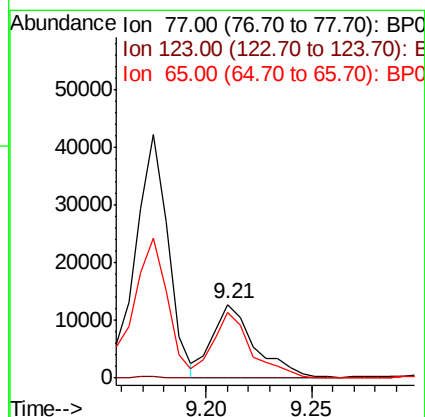
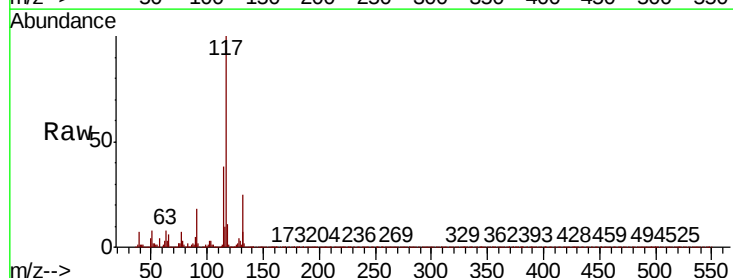
Instrument :
BNA_P
ClientSampleId :

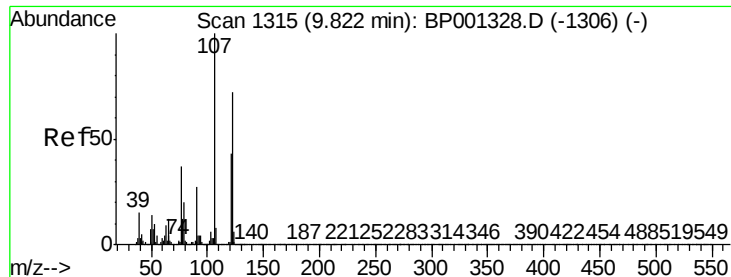
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.2	27.0	40.4
54	61.3	49.0	73.4



#24
Nitrobenzene
Concen: 4.181 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BP001368.D
Acq: 23 Dec 2019 15:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.3	29.4	44.0#
65	88.3	12.4	18.6#

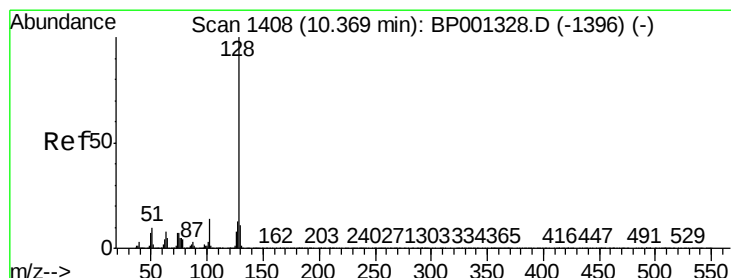
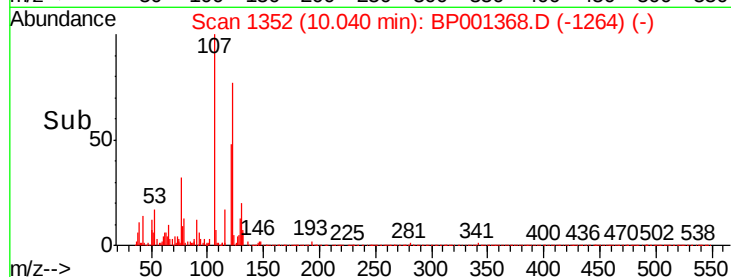
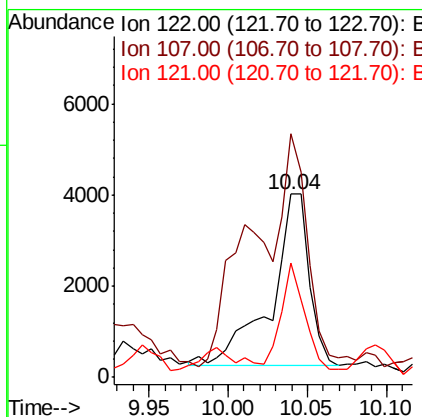
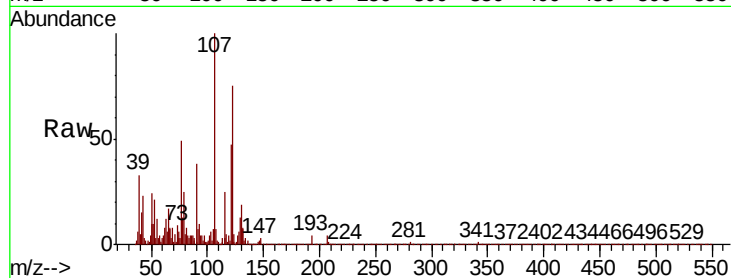




#27
2,4-Dimethylphenol
Concen: 2.868 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.22 min
Lab File: BP001368.D
Acq: 23 Dec 2019 15:38

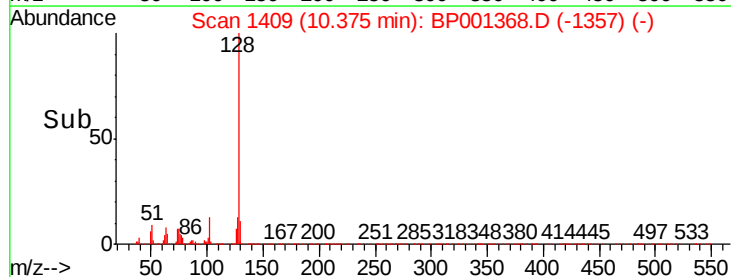
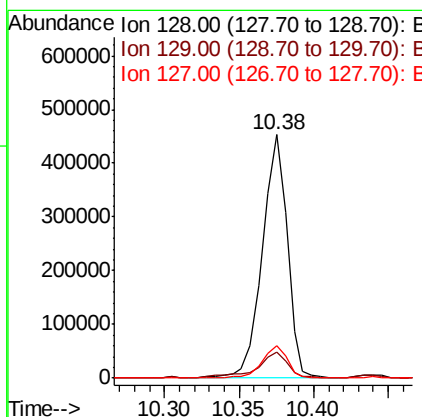
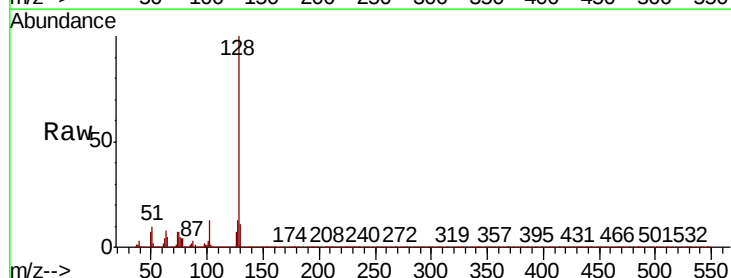
Instrument :
BNA_P
ClientSampleId :

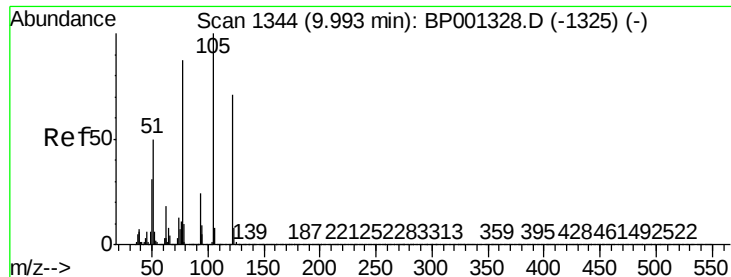
Tot Ion	Ratio	Lower	Upper
122	100		
107	132.8	111.9	167.9
121	62.1	47.9	71.9



#31
Naphthalene
Concen: 58.503 ng
RT: 10.38 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BP001368.D
Acq: 23 Dec 2019 15:38

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.9	13.3
127	13.3	10.7	16.1

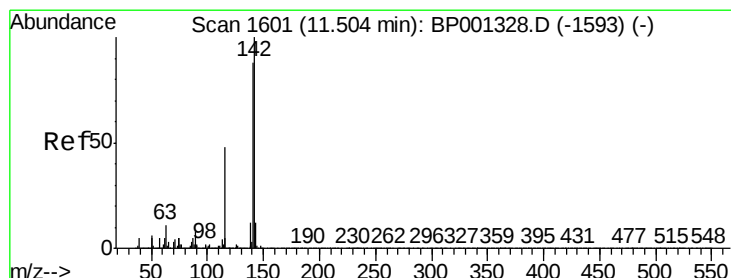
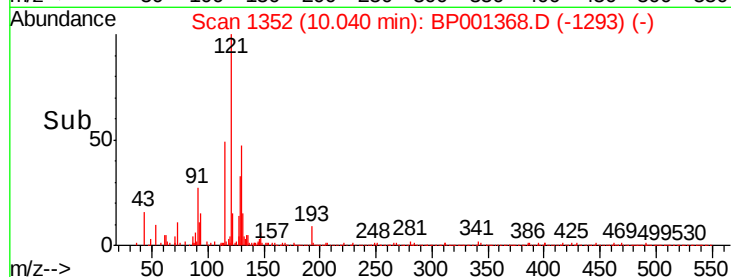
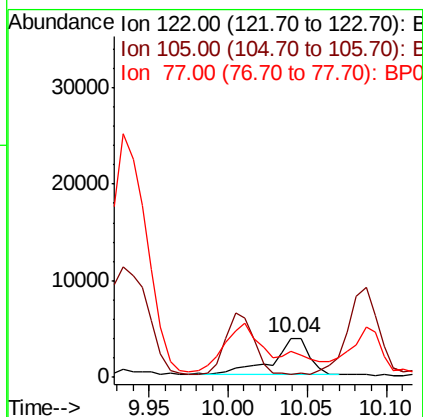
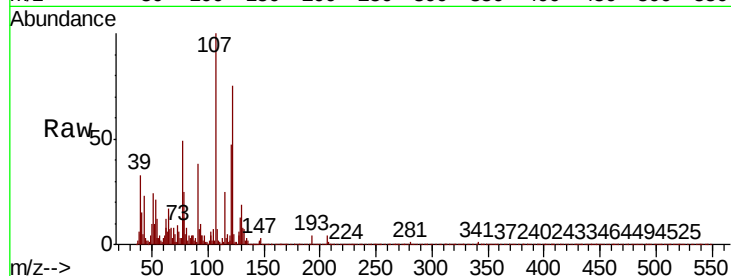




#32
Benzoic acid
Concen: 8.209 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.05 min
Lab File: BP001368.D
Acq: 23 Dec 2019 15:38

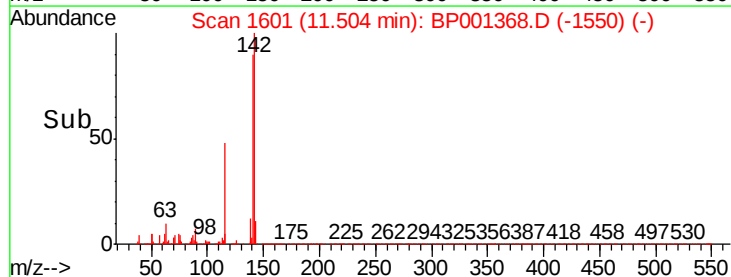
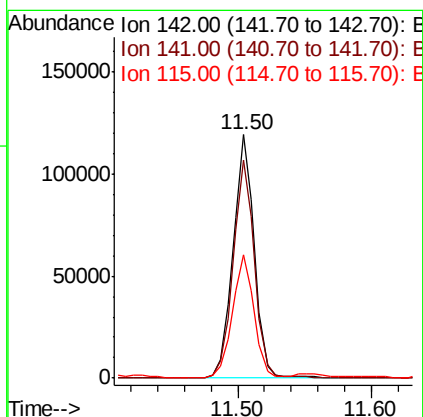
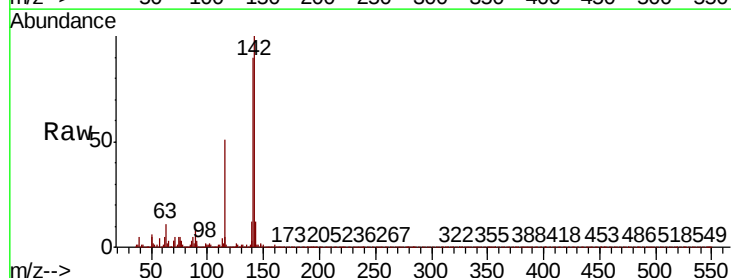
Instrument :
BNA_P
ClientSampleId :

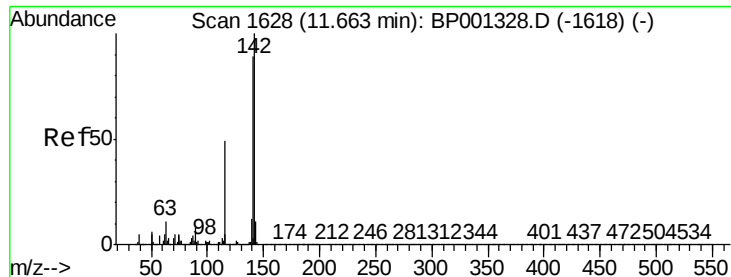
Tot Ion	Ratio	Lower	Upper
122	100		
105	9.2	118.5	158.5#
77	65.3	101.3	141.3#



#37
2-Methylnaphthalene
Concen: 21.726 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BP001368.D
Acq: 23 Dec 2019 15:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.2	105.4
115	50.7	38.7	58.1

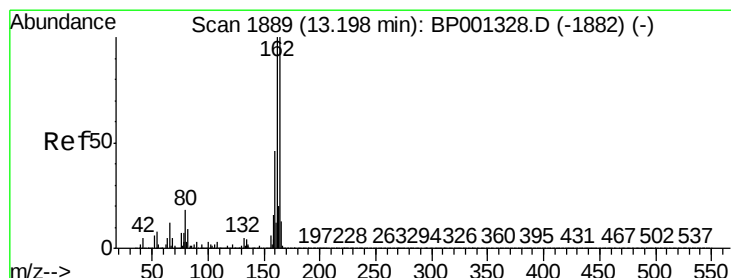
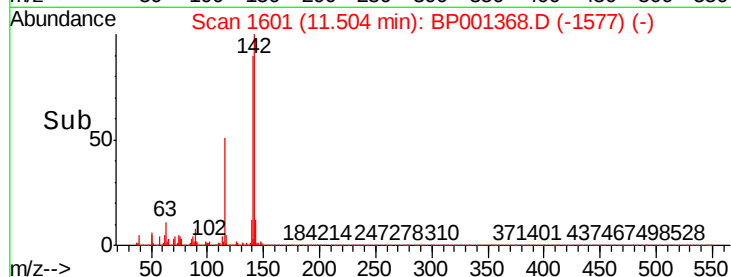
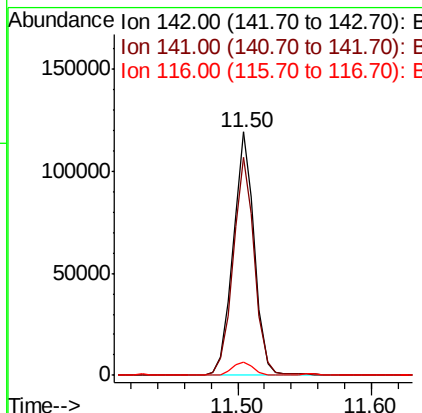
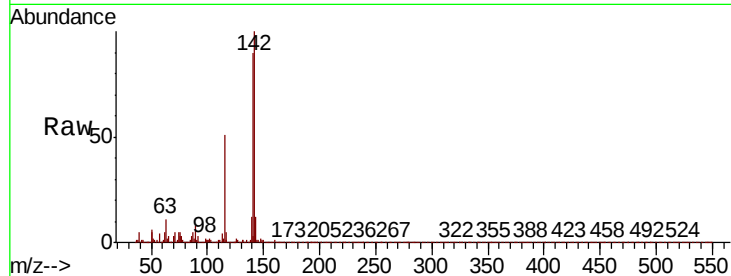




#38
1-Methylnaphthalene
Concen: 23.109 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.16 min
Lab File: BP001368.D
Acq: 23 Dec 2019 15:38

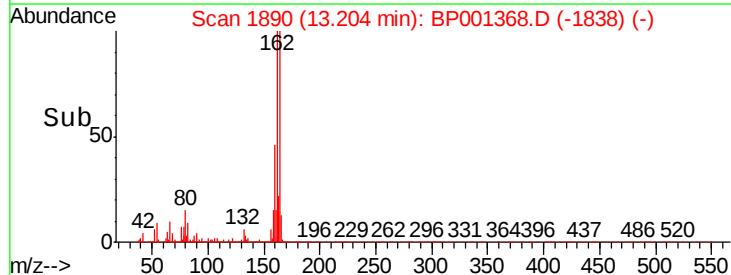
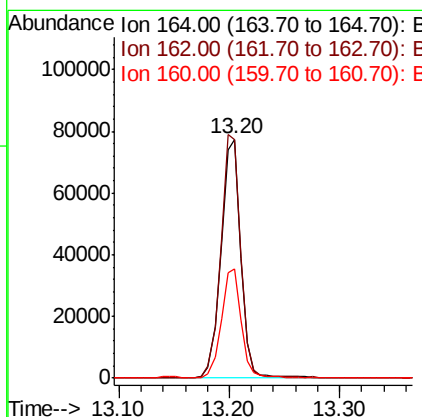
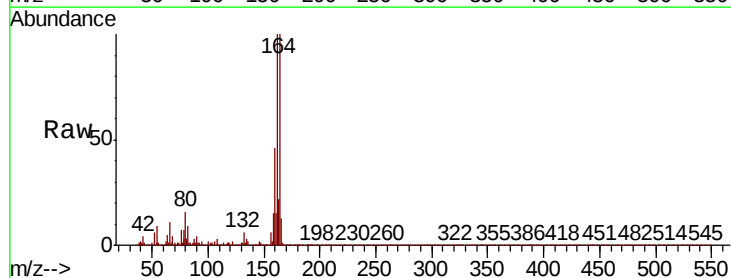
Instrument :
BNA_P
ClientSampleId :

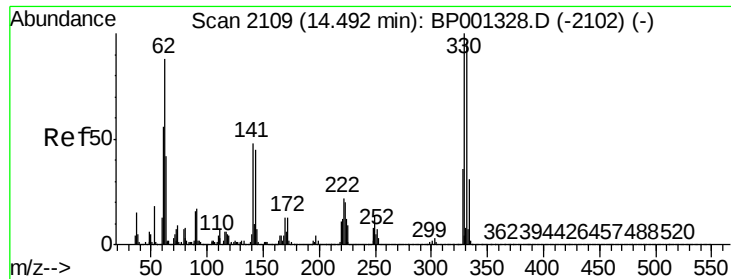
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.3	106.9
116	5.3	4.2	6.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1890
Delta R.T. 0.01 min
Lab File: BP001368.D
Acq: 23 Dec 2019 15:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.3	120.5
160	45.8	36.6	54.8

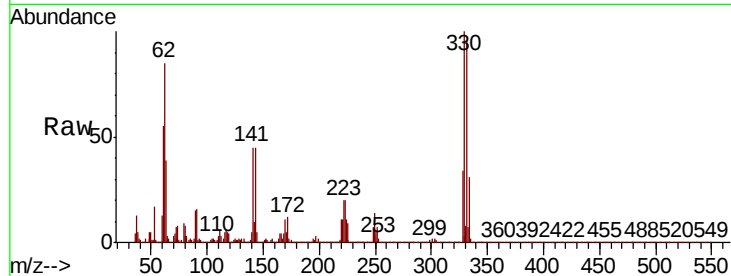




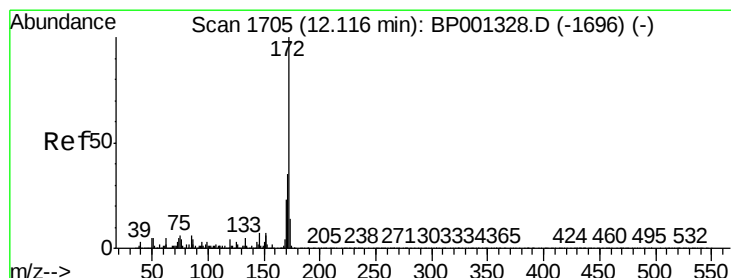
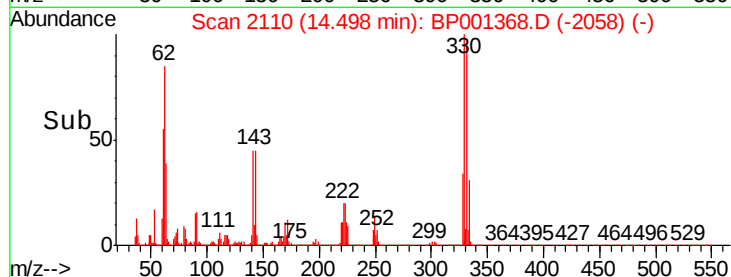
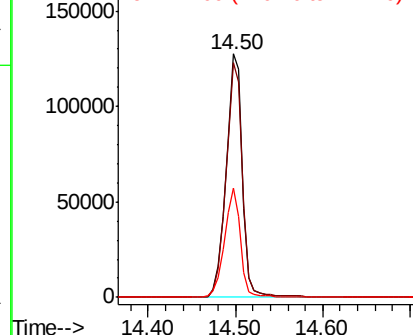
#42
2,4,6-Tribromophenol
Concen: 136.771 ng
RT: 14.50 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BP001368.D
Acq: 23 Dec 2019 15:38

Instrument :
BNA_P
ClientSampleId :

Tot Ion:330 Resp: 164678
Ion Ratio Lower Upper
330 100
332 97.3 78.7 118.1
141 44.1 36.2 54.4

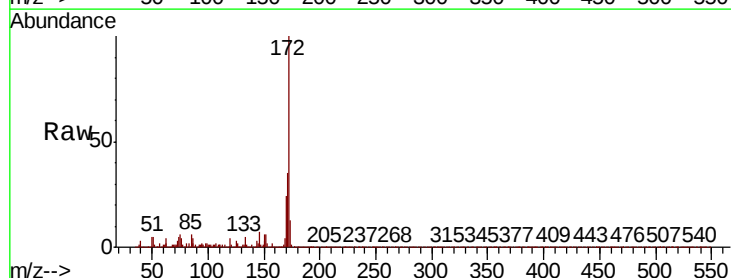


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

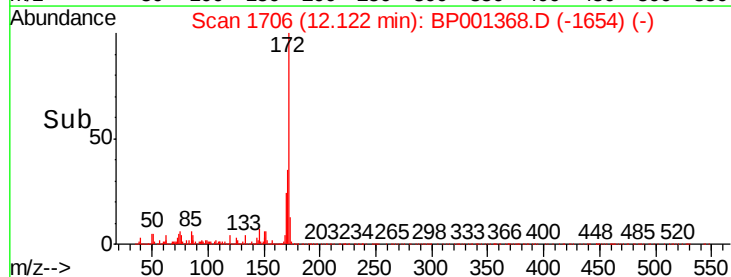
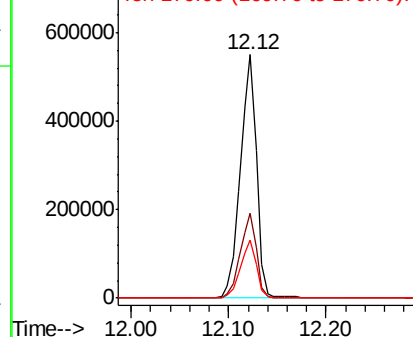


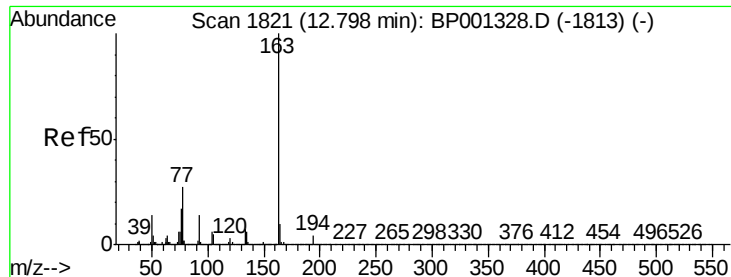
#45
2-Fluorobiphenyl
Concen: 83.454 ng
RT: 12.12 min Scan# 1706
Delta R.T. 0.01 min
Lab File: BP001368.D
Acq: 23 Dec 2019 15:38

Tgt Ion:172 Resp: 635604
Ion Ratio Lower Upper
172 100
171 35.0 27.7 41.5
170 23.9 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





#50

Dimethylphthalate

Concen: 2.086 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BP001368.D

Acq: 23 Dec 2019 15:38

Instrument :

BNA_P

ClientSampleId :

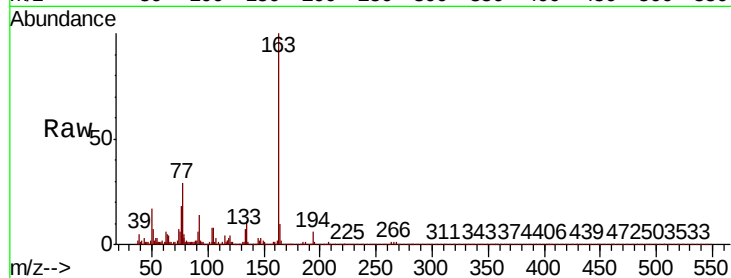
Tot Ion:163 Resp: 16483

Ion Ratio Lower Upper

163 100

194 5.7 3.4 5.0#

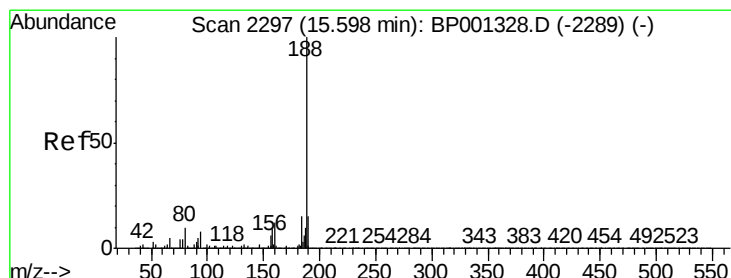
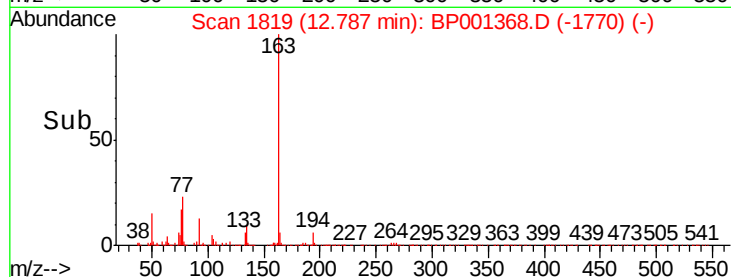
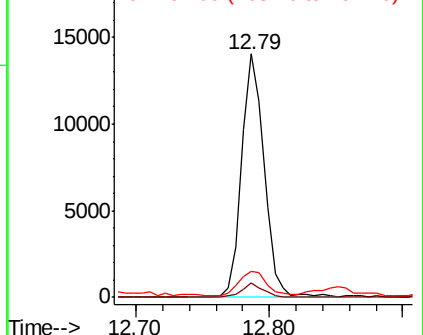
164 10.5 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.60 min Scan# 2298

Delta R.T. 0.01 min

Lab File: BP001368.D

Acq: 23 Dec 2019 15:38

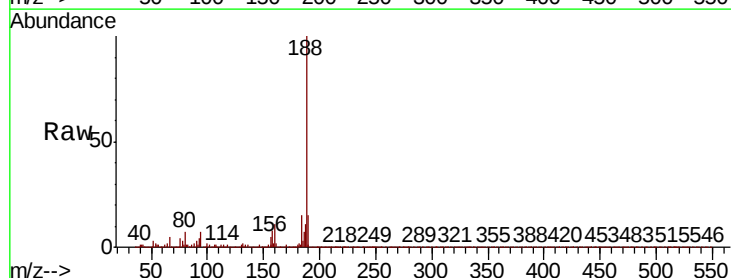
Tgt Ion:188 Resp: 190243

Ion Ratio Lower Upper

188 100

94 7.1 6.6 10.0

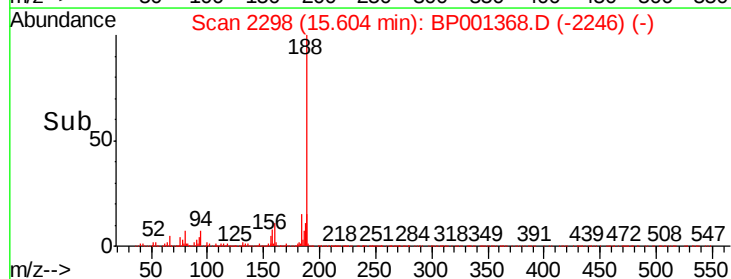
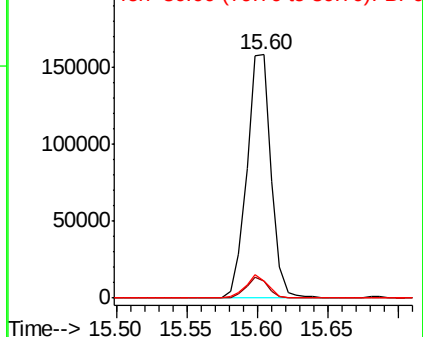
80 7.9 7.8 11.6

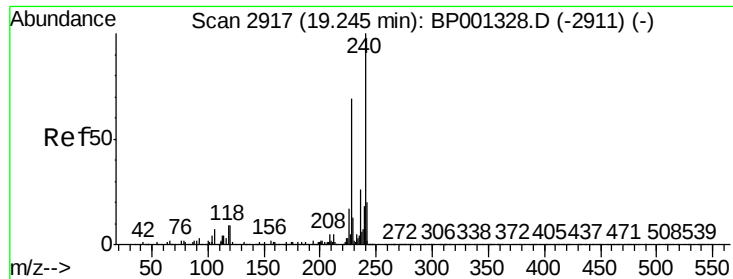


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

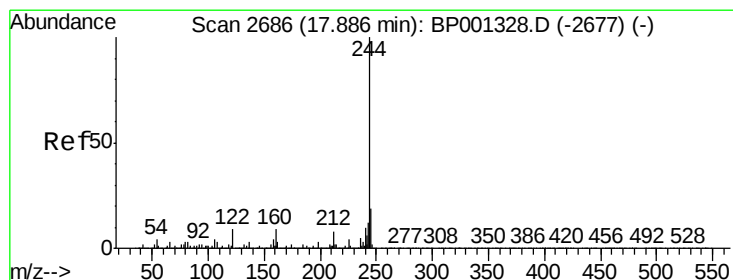
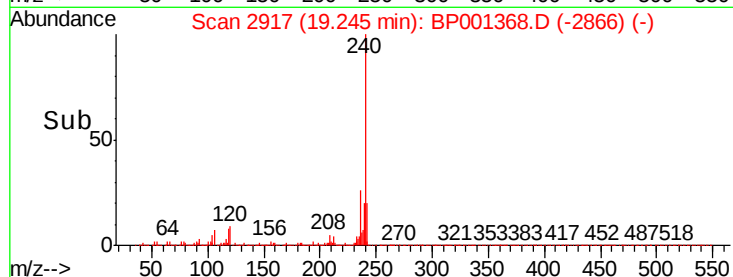
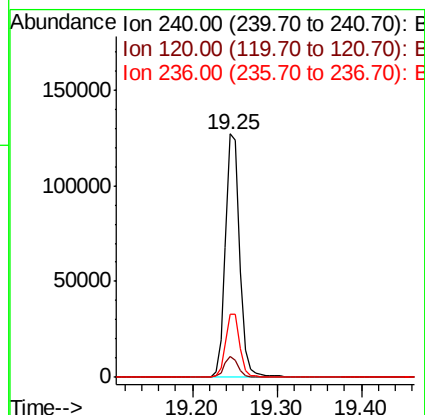
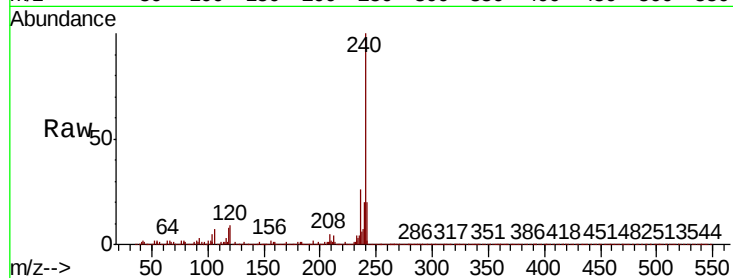




#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.25 min Scan# 2917
Delta R.T. 0.00 min
Lab File: BP001368.D
Acq: 23 Dec 2019 15:38

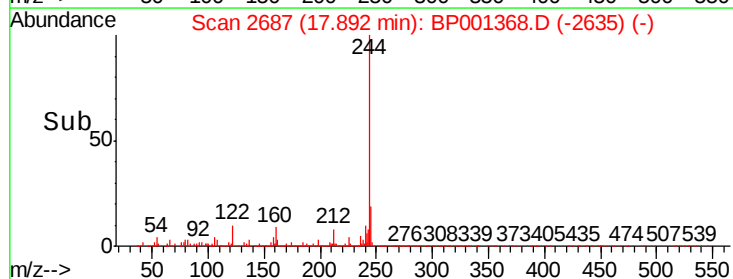
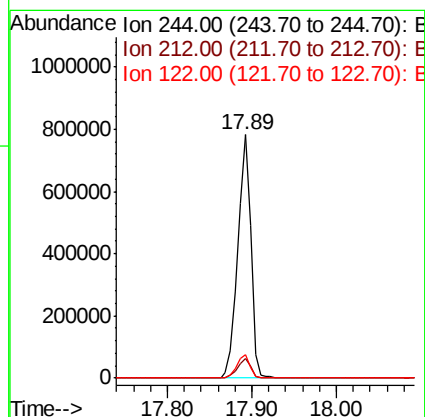
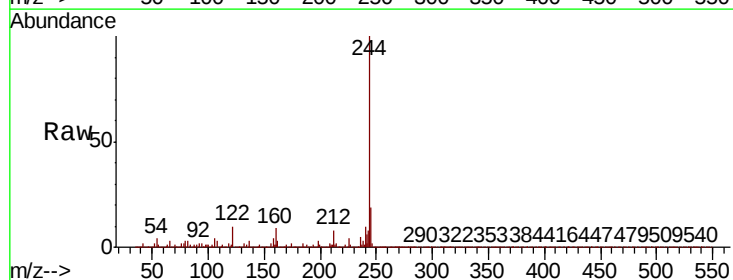
Instrument :
BNA_P
ClientSampleId :

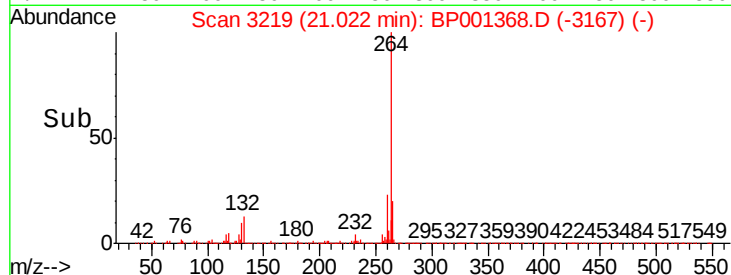
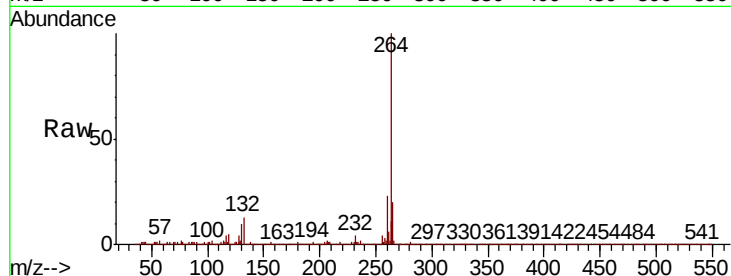
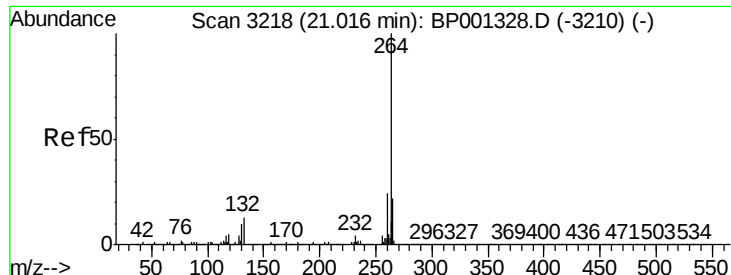
Tot Ion:240 Resp: 150423
Ion Ratio Lower Upper
240 100
120 8.7 7.6 11.4
236 26.1 21.0 31.4



#79
Terphenyl-d14
Concen: 93.753 ng
RT: 17.89 min Scan# 2687
Delta R.T. 0.01 min
Lab File: BP001368.D
Acq: 23 Dec 2019 15:38

Tgt Ion:244 Resp: 823378
Ion Ratio Lower Upper
244 100
212 8.0 6.6 9.8
122 9.9 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: BP001368.D
 Acq: 23 Dec 2019 15:38

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:	264	Resp:	158033
Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	20.1	17.4	26.2

