

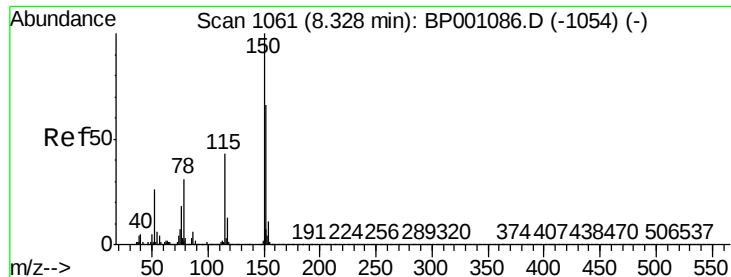
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
 Data File : BP001238.D
 Acq On : 06 Dec 2019 19:23
 Operator : JU
 Sample : K6119-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 07 00:40:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	83169	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	302802	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	175810	20.00	ng	-0.01
64) Phenanthrene-d10	15.59	188	336647	20.00	ng	-0.02
76) Chrysene-d12	19.23	240	252308	20.00	ng	-0.02
87) Perylene-d12	21.00	264	269616	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	494479	98.64	ng	0.00
7) Phenol-d6	7.76	99	673908	100.91	ng	0.00
23) Nitrobenzene-d5	9.19	82	471215	67.52	ng	-0.01
42) 2,4,6-Tribromophenol	14.49	330	186992	110.97	ng	-0.01
45) 2-Fluorobiphenyl	12.12	172	817139	68.02	ng	-0.02
79) Terphenyl-d14	17.87	244	958883	70.31	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.60	77	71	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	9.19	70	67220	13.949 ng	#	53
50) Dimethylphthalate	12.79	163	89482	6.805 ng		98
54) 2,4-Dinitrophenol	13.57	184	15	7.121 ng		90
65) 4,6-Dinitro-2-methylphenol	14.20	198	25	6.292 ng	#	1
71) Phenanthrene	15.63	178	35765	2.021 ng		98
75) Fluoranthene	17.33	202	54572	2.913 ng		97
78) Pyrene	17.64	202	48833	2.457 ng	#	95
88) Benzo(b)fluoranthene	20.52	252	39044	2.371 ng	#	78
89) Benzo(k)fluoranthene	20.52	252	39044	2.462 ng	#	78

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.30 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BP001238.D

Acq: 06 Dec 2019 19:23

Instrument :

BNA_P

ClientSampleId :

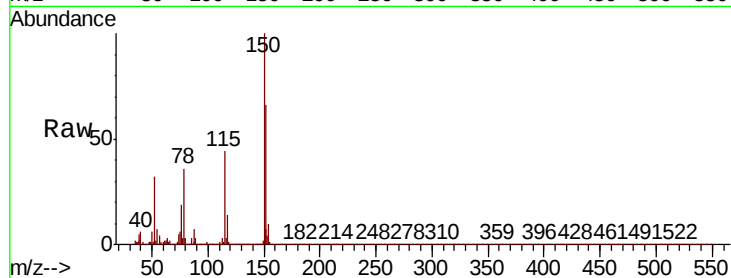
Tot Ion:152 Resp: 83169

Ion Ratio Lower Upper

152 100

150 152.3 127.3 190.9

115 67.7 56.0 84.0

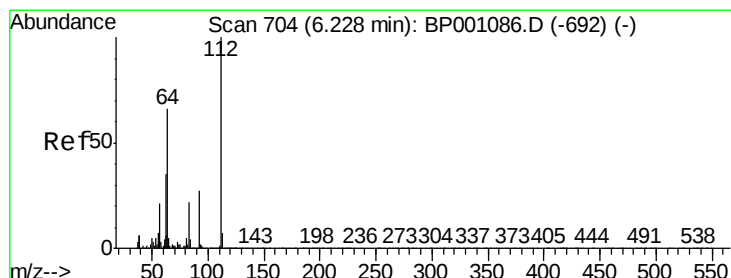
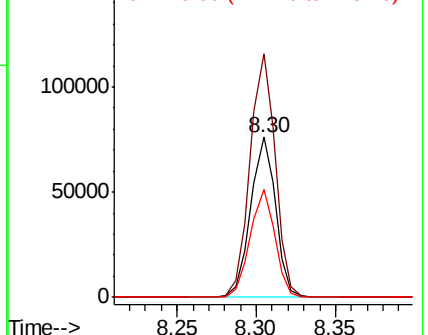
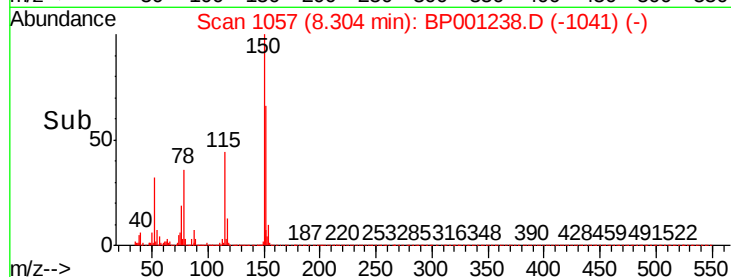


Abundance

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: 98.640 ng

RT: 6.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BP001238.D

Acq: 06 Dec 2019 19:23

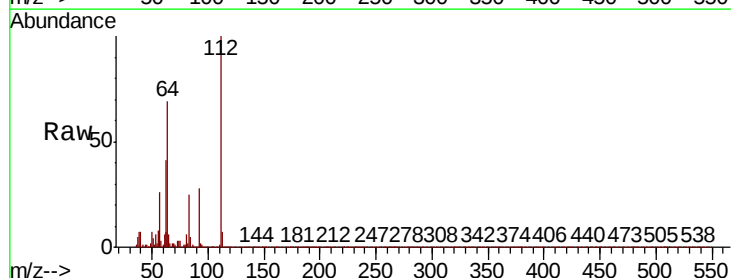
Tgt Ion:112 Resp: 494479

Ion Ratio Lower Upper

112 100

64 69.0 56.8 85.2

63 41.0 32.2 48.2

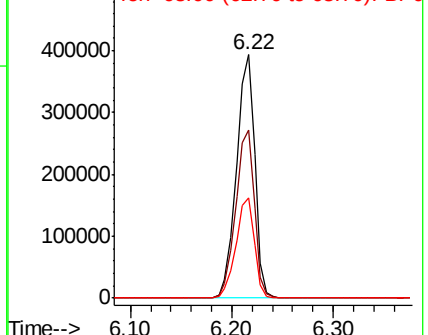
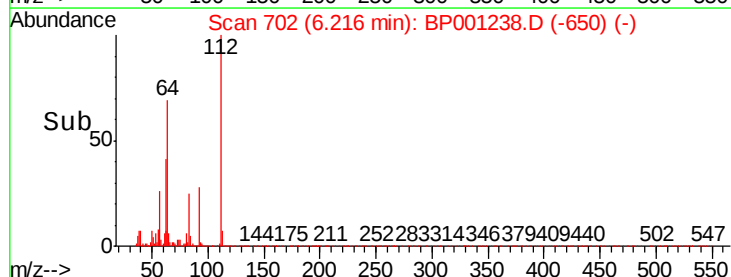


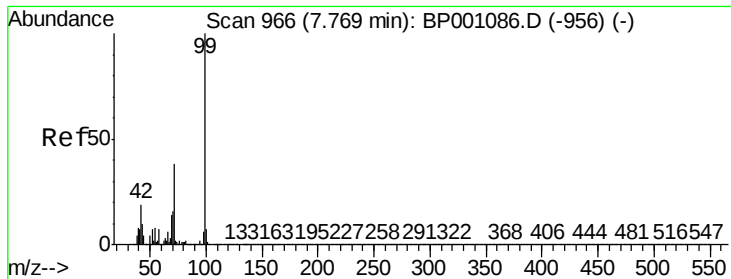
Abundance

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: 100.907 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001238.D

Acq: 06 Dec 2019 19:23

Instrument :

BNA_P

ClientSampleId :

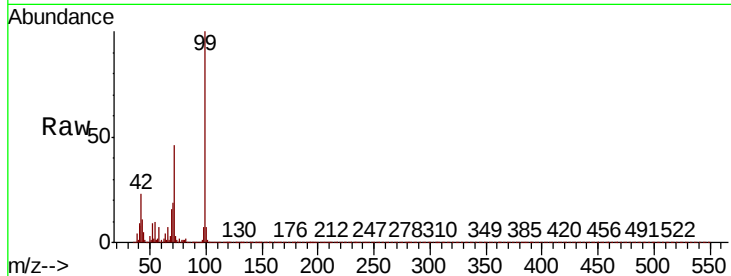
Tot Ion: 99 Resp: 673908

Ion Ratio Lower Upper

99 100

42 23.3 17.6 26.4

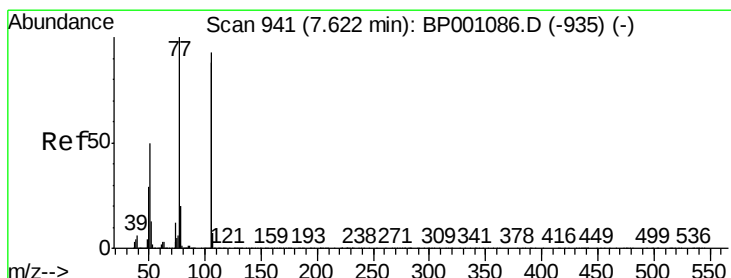
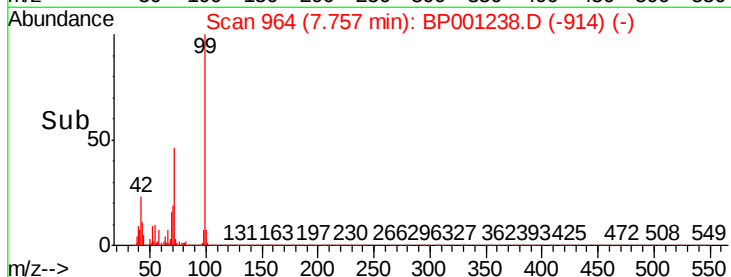
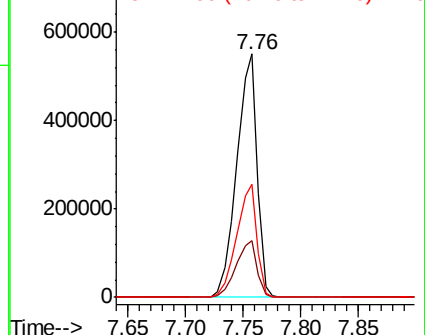
71 46.5 33.8 50.8



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



#9

Benzaldehyde

Concen: Below Cal

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BP001238.D

Acq: 06 Dec 2019 19:23

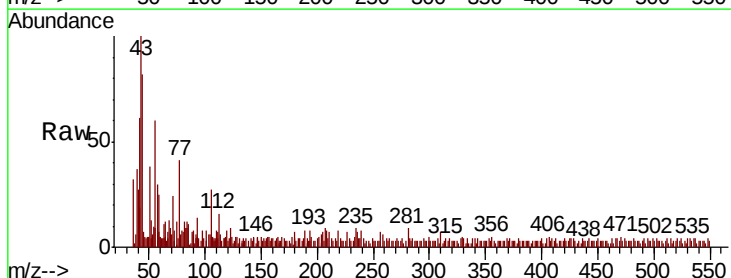
Tgt Ion: 77 Resp: 71

Ion Ratio Lower Upper

77 100

105 77.4 69.7 109.7

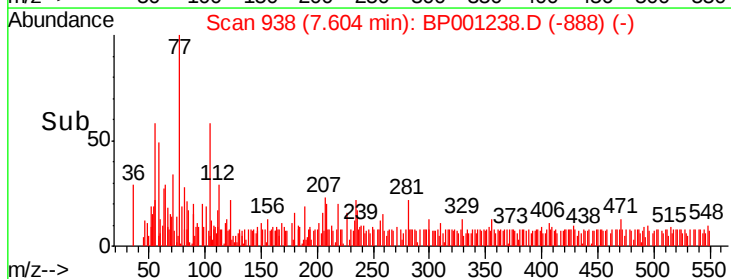
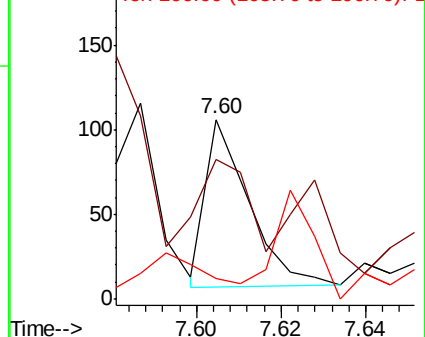
106 11.3 67.1 107.1#

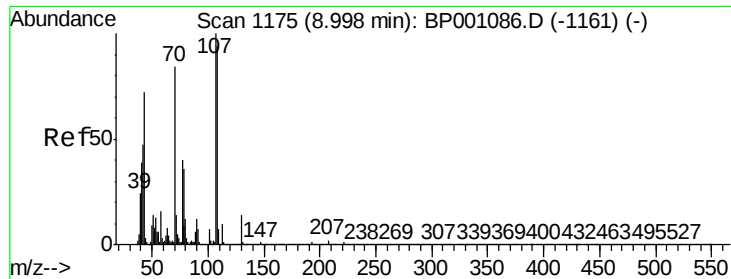


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

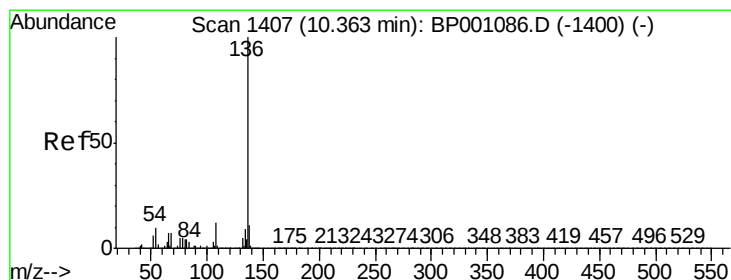
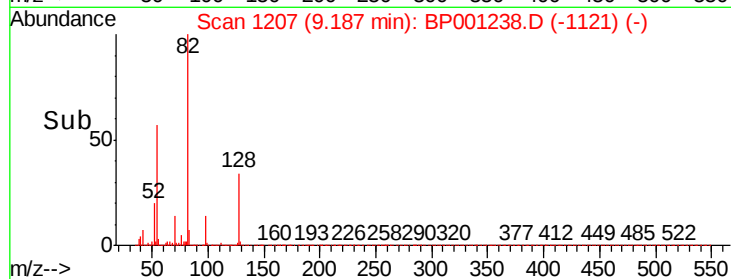
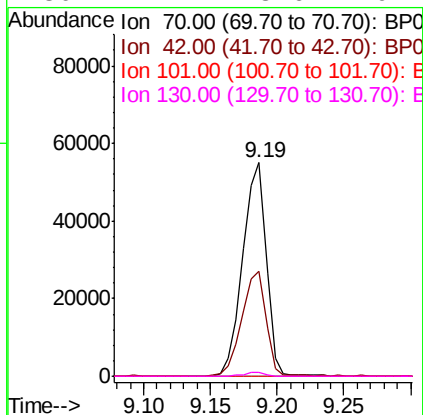
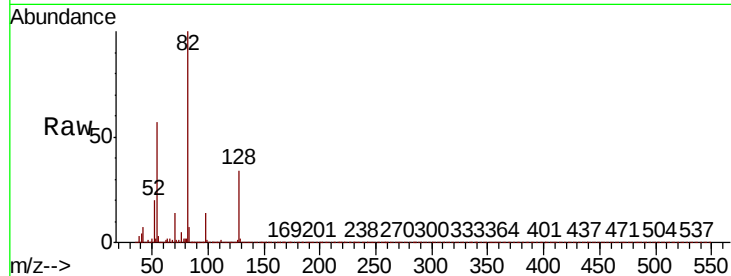




#19
n-Nitroso-di-n-propylamine
Concen: 13.949 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.21 min
Lab File: BP001238.D
Acq: 06 Dec 2019 19:23

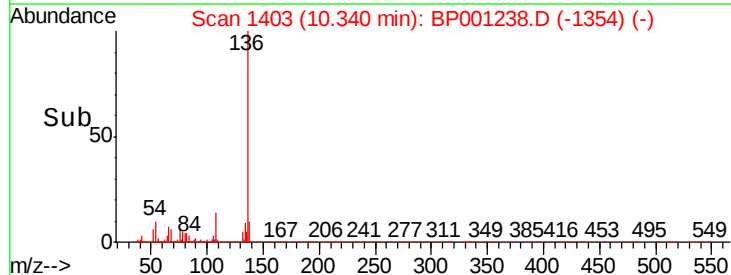
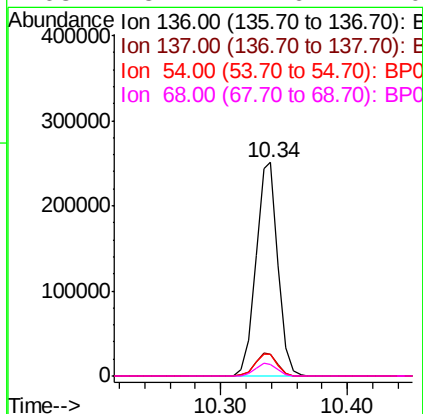
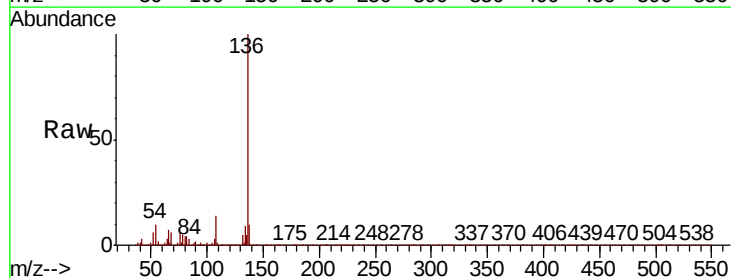
Instrument :
BNA_P
ClientSampleId :

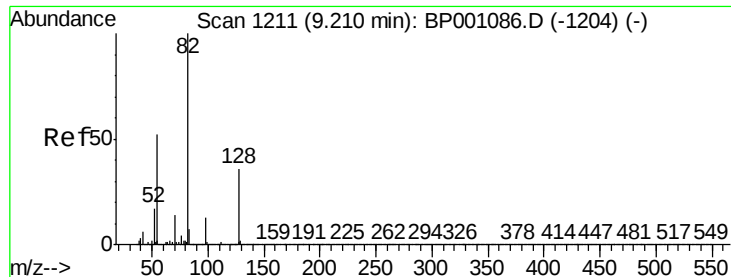
Tot Ion: 70 Resp: 67220
Ion Ratio Lower Upper
70 100
42 49.1 50.6 76.0#
101 0.0 7.1 10.7#
130 1.7 13.6 20.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BP001238.D
Acq: 06 Dec 2019 19:23

Tgt Ion: 136 Resp: 302802
Ion Ratio Lower Upper
136 100
137 10.2 8.4 12.6
54 10.3 7.4 11.0
68 5.7 4.6 7.0

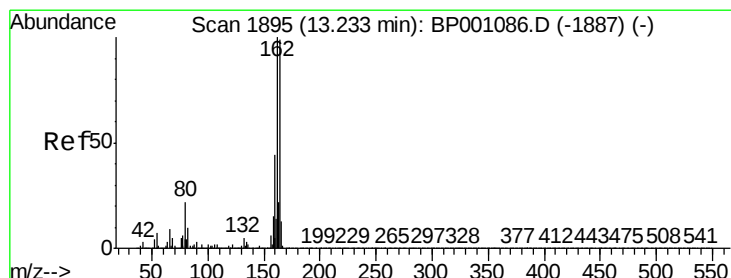
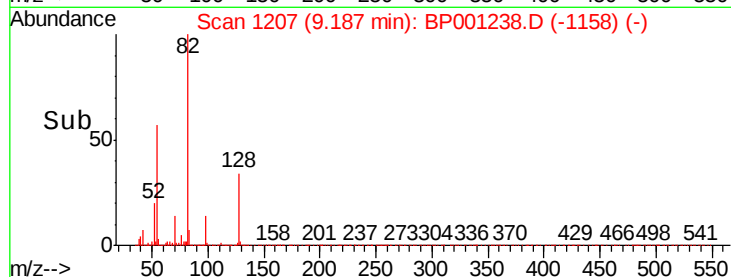
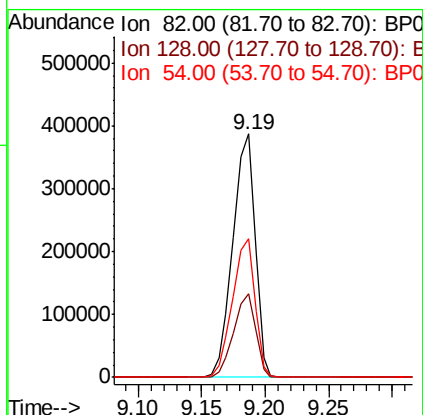
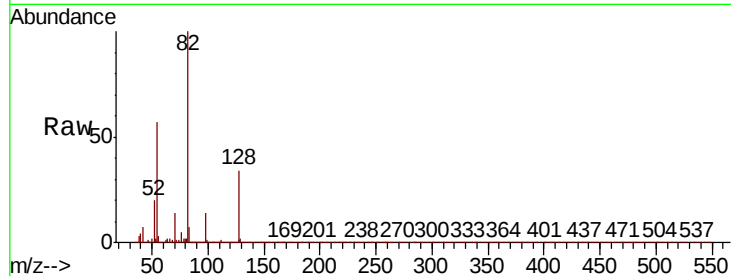




#23
 Nitrobenzene-d5
 Concen: 67.516 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BP001238.D
 Acq: 06 Dec 2019 19:23

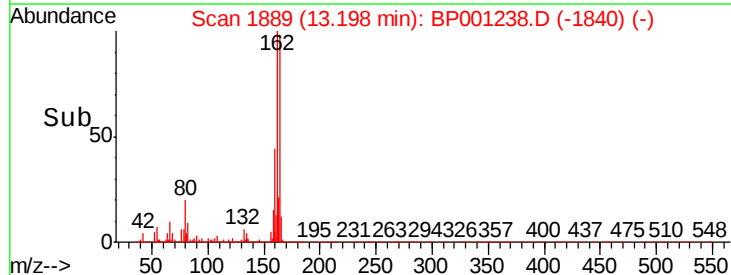
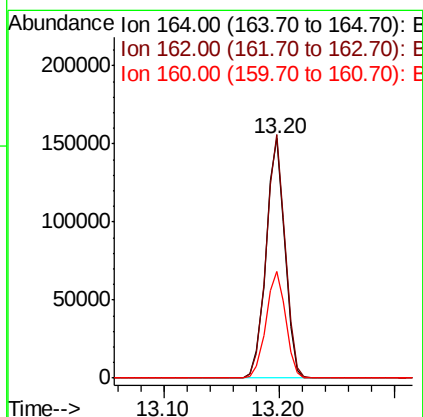
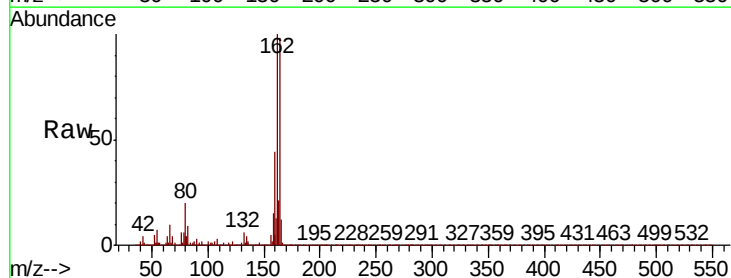
Instrument :
 BNA_P
 ClientSampleId :

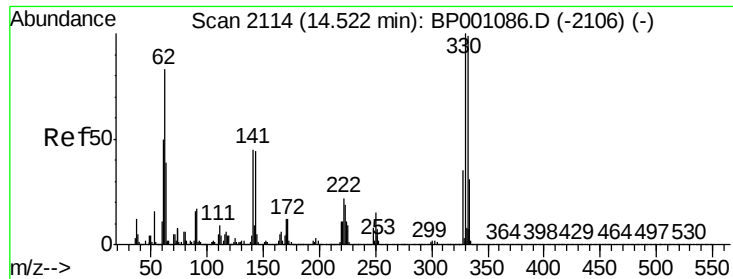
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.3	27.5	41.3
54	57.0	45.7	68.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.20 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: BP001238.D
 Acq: 06 Dec 2019 19:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.7	121.1
160	44.7	36.3	54.5

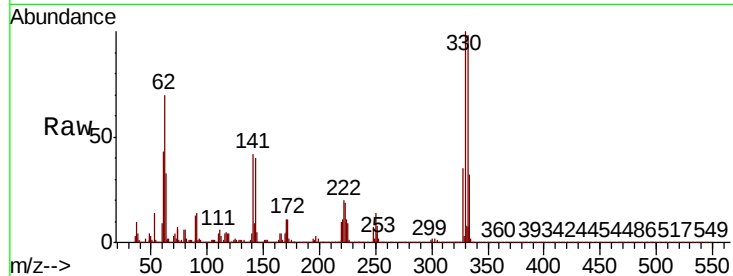




#42
 2,4,6-Tribromophenol
 Concen: 110.965 ng
 RT: 14.49 min Scan# 2109
 Delta R.T. -0.01 min
 Lab File: BP001238.D
 Acq: 06 Dec 2019 19:23

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	79.1	118.7
141	45.4	35.9	53.9

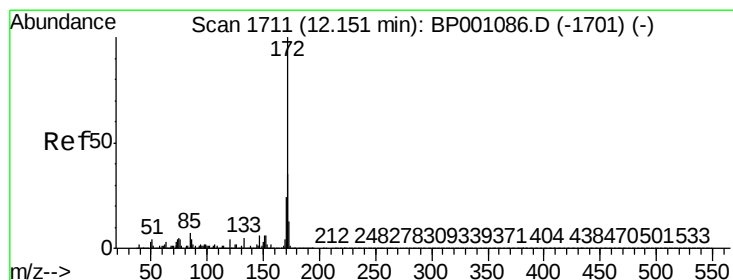
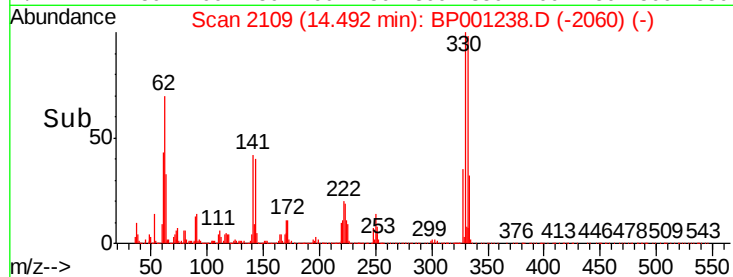
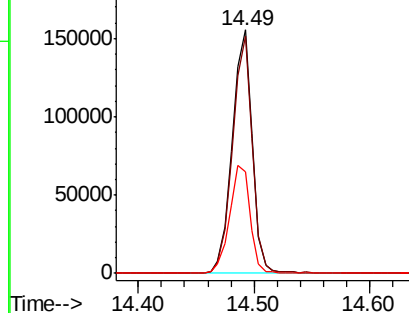


Abundance

Ion 329.80 (329.50 to 330.50): E

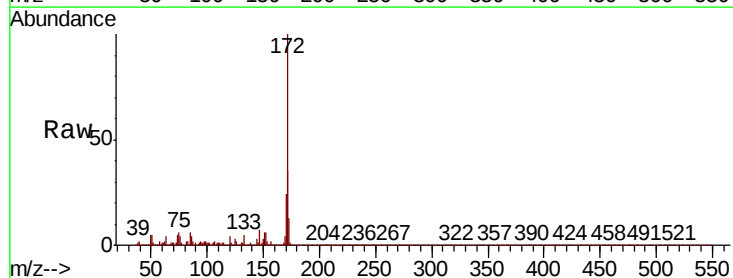
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 68.025 ng
 RT: 12.12 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BP001238.D
 Acq: 06 Dec 2019 19:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.7	43.1
170	23.7	19.2	28.8

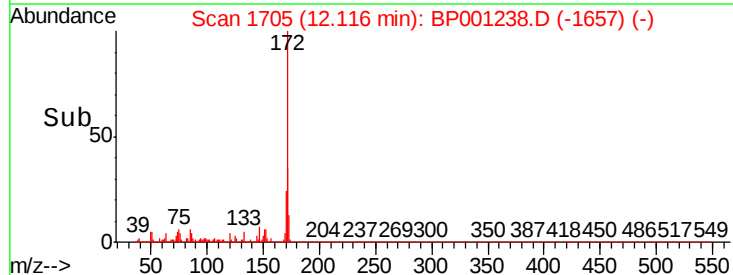
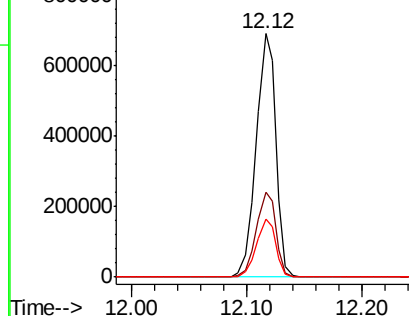


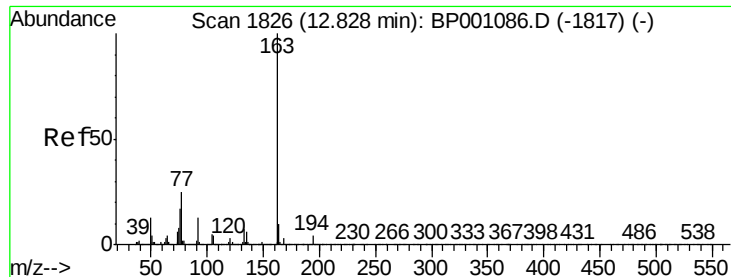
Abundance

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: 6.805 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BP001238.D

Acq: 06 Dec 2019 19:23

Instrument :

BNA_P

ClientSampleId :

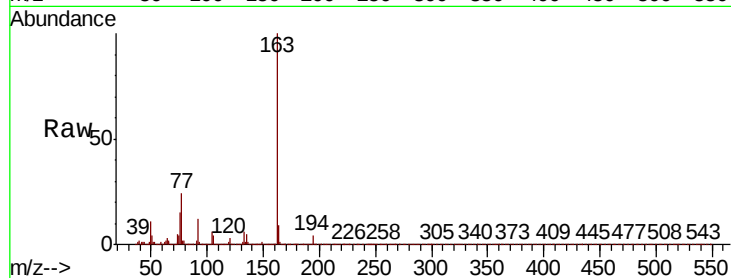
Tot Ion:163 Resp: 89482

Ion Ratio Lower Upper

163 100

194 4.4 3.1 4.7

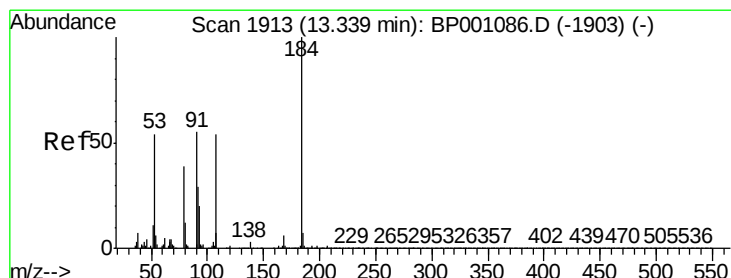
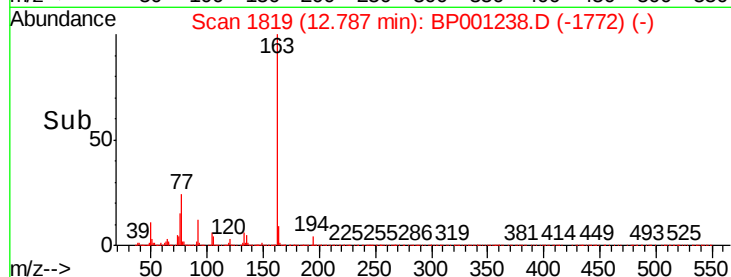
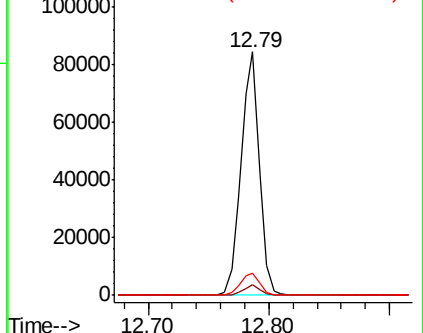
164 9.3 8.2 12.4



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



#54

2,4-Dinitrophenol

Concen: 7.121 ng

RT: 13.57 min Scan# 1952

Delta R.T. 0.25 min

Lab File: BP001238.D

Acq: 06 Dec 2019 19:23

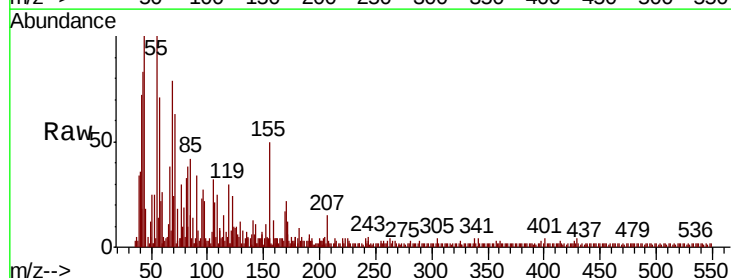
Tgt Ion:184 Resp: 15

Ion Ratio Lower Upper

184 100

63 72.7 69.4 104.0

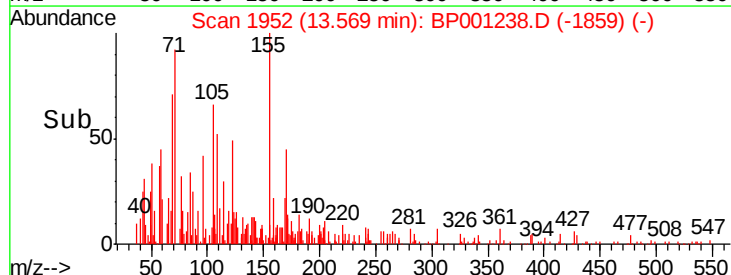
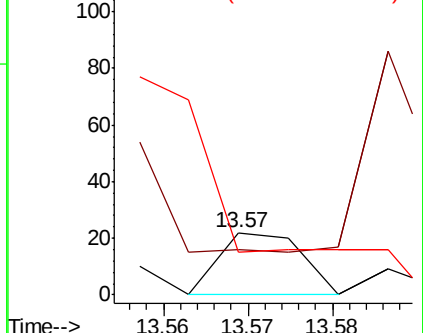
154 68.2 57.4 86.2

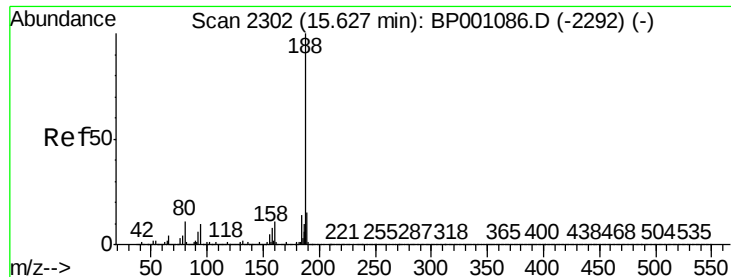


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.59 min Scan# 2296

Delta R.T. -0.02 min

Lab File: BP001238.D

Acq: 06 Dec 2019 19:23

Instrument :

BNA_P

ClientSampleId :

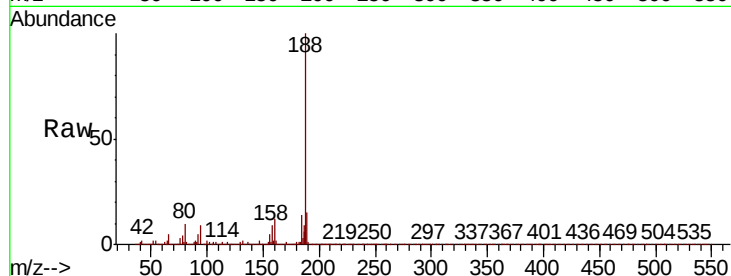
Tot Ion:188 Resp: 336647

Ion Ratio Lower Upper

188 100

94 9.2 7.1 10.7

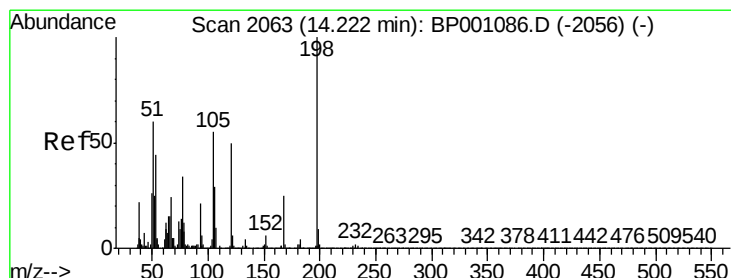
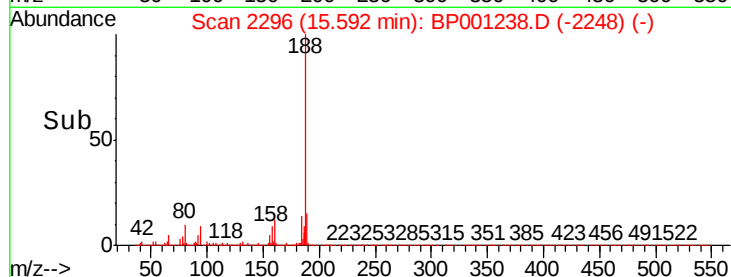
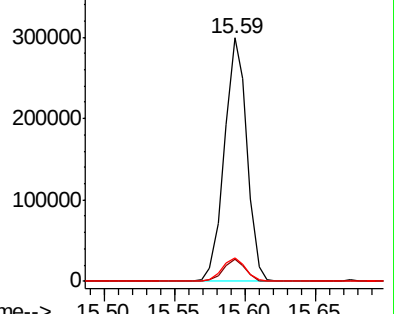
80 9.8 7.8 11.6



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



#65

4,6-Dinitro-2-methylphenol

Concen: 6.292 ng

RT: 14.20 min Scan# 2059

Delta R.T. -0.01 min

Lab File: BP001238.D

Acq: 06 Dec 2019 19:23

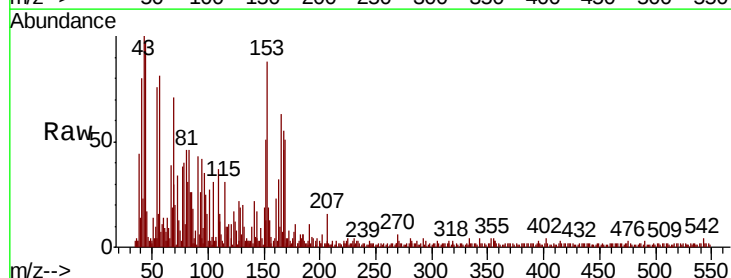
Tgt Ion:198 Resp: 25

Ion Ratio Lower Upper

198 100

51 388.2 36.2 76.2#

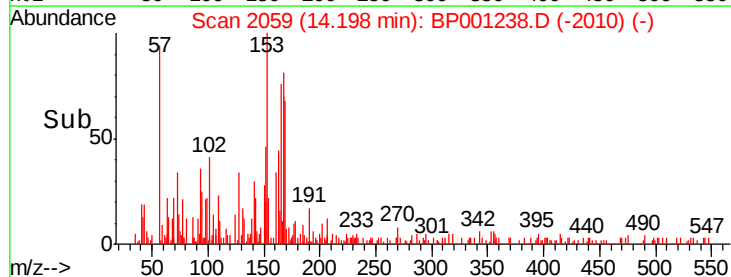
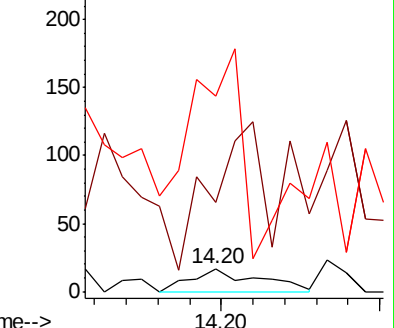
105 847.1 30.2 70.2#

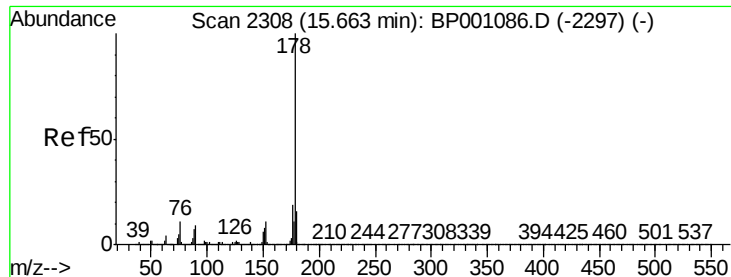


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

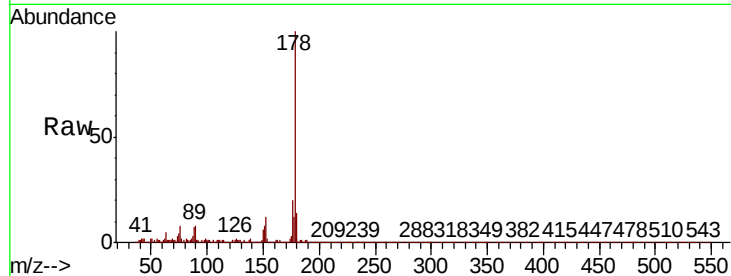




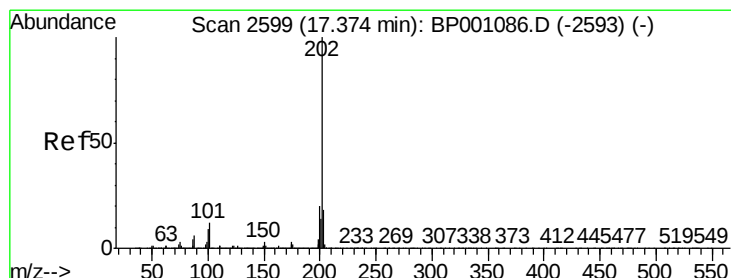
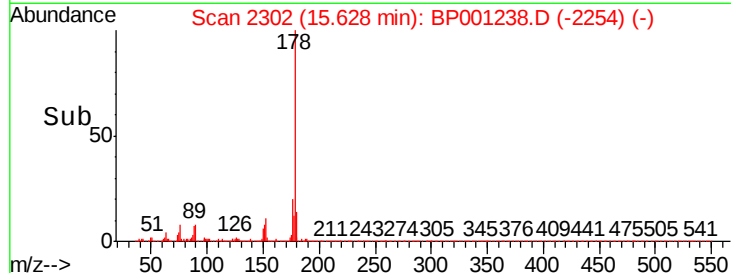
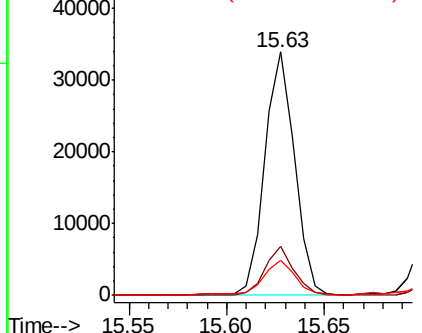
#71
Phenanthrene
Concen: 2.021 ng
RT: 15.63 min Scan# 2302
Delta R.T. -0.02 min
Lab File: BP001238.D
Acq: 06 Dec 2019 19:23

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.7	23.5
179	14.5	12.4	18.6

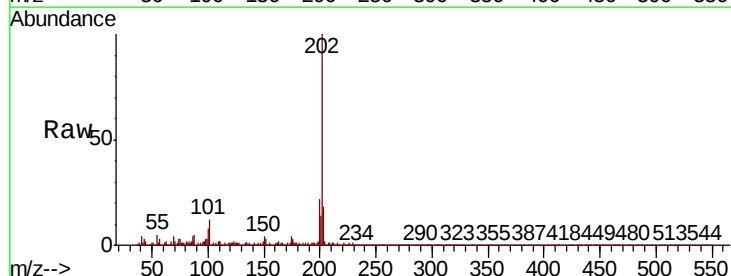


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

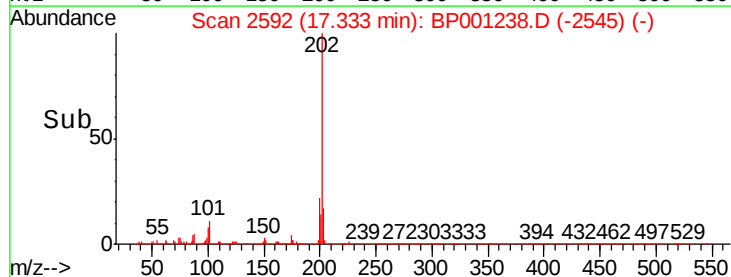
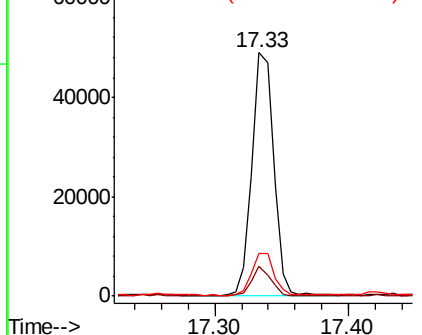


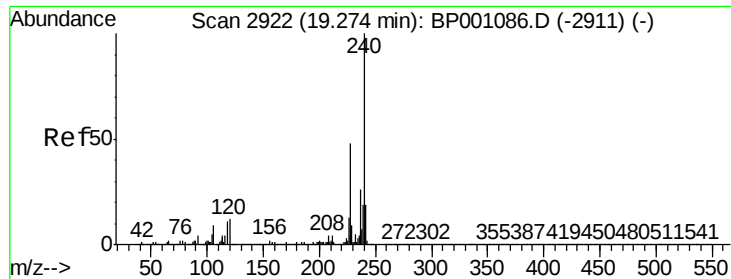
#75
Fluoranthene
Concen: 2.913 ng
RT: 17.33 min Scan# 2592
Delta R.T. -0.02 min
Lab File: BP001238.D
Acq: 06 Dec 2019 19:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	30.0
203	17.6	0.0	37.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

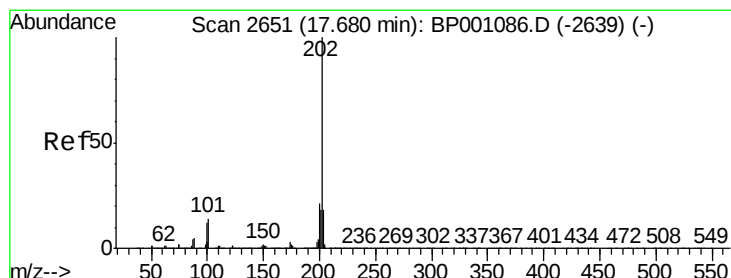
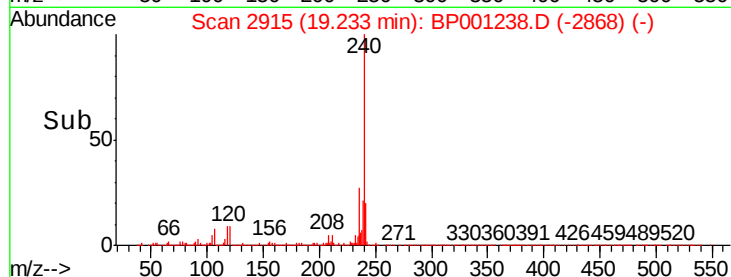
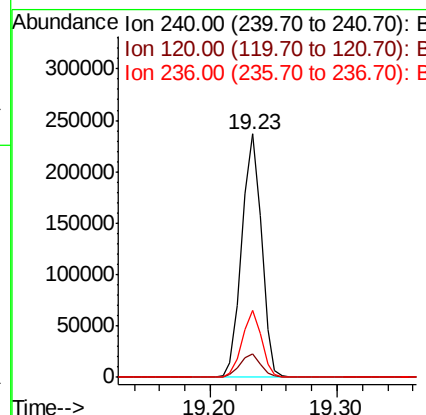
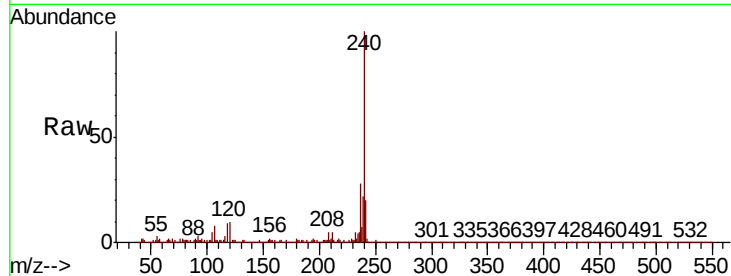




#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.23 min Scan# 2915
Delta R.T. -0.02 min
Lab File: BP001238.D
Acq: 06 Dec 2019 19:23

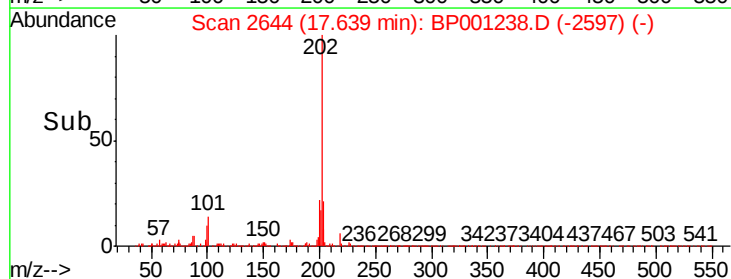
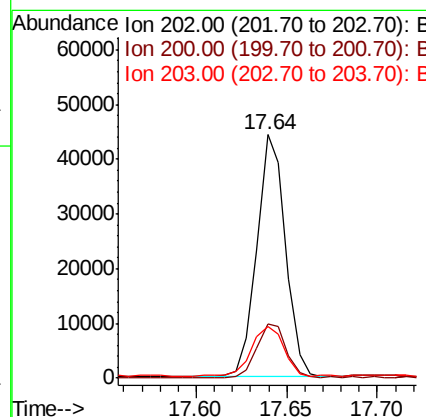
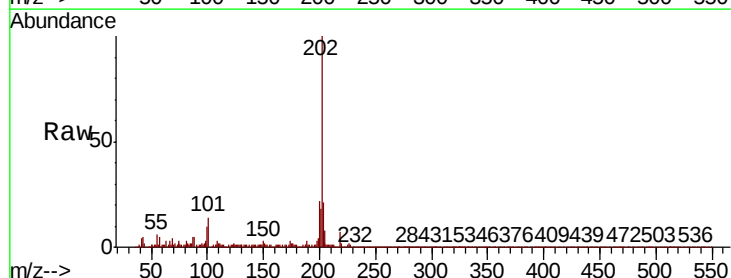
Instrument :
BNA_P
ClientSampleId :

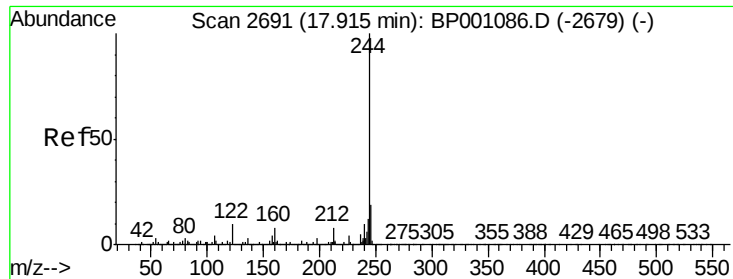
Tot Ion:240 Resp: 252308
Ion Ratio Lower Upper
240 100
120 9.6 7.0 10.6
236 27.6 21.7 32.5



#78
Pyrene
Concen: 2.457 ng
RT: 17.64 min Scan# 2644
Delta R.T. -0.02 min
Lab File: BP001238.D
Acq: 06 Dec 2019 19:23

Tgt Ion:202 Resp: 48833
Ion Ratio Lower Upper
202 100
200 22.1 17.3 25.9
203 21.4 13.8 20.8#

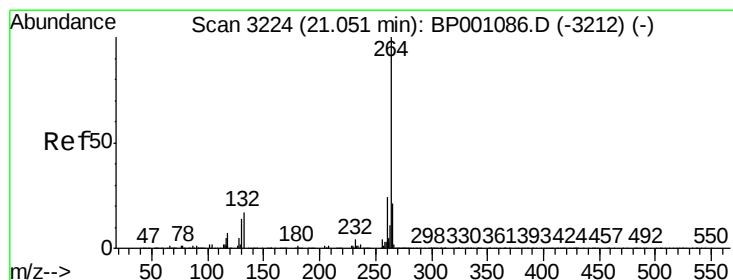
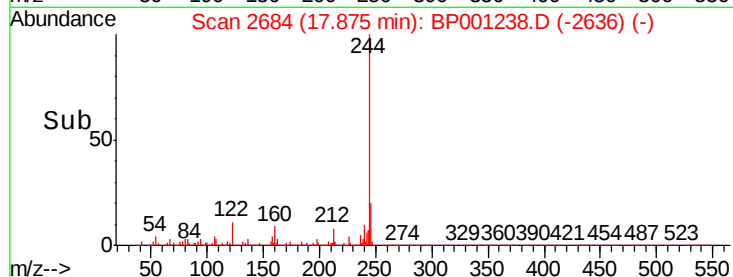
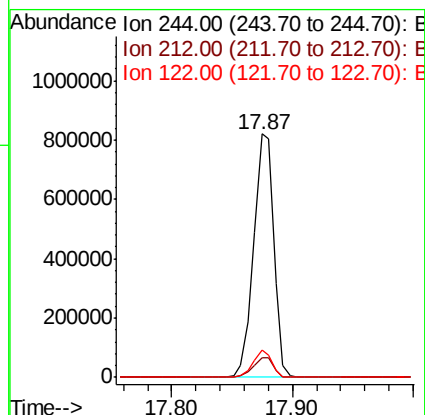
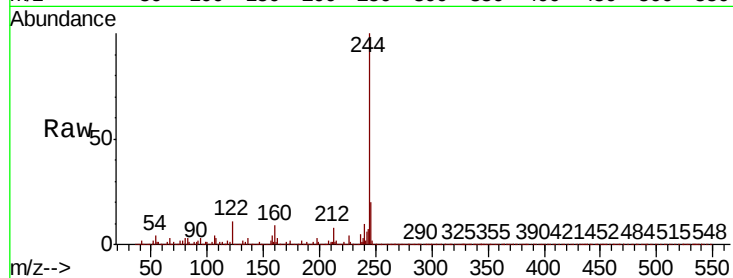




#79
 Terphenyl-d14
 Concen: 70.312 ng
 RT: 17.87 min Scan# 2684
 Delta R.T. -0.02 min
 Lab File: BP001238.D
 Acq: 06 Dec 2019 19:23

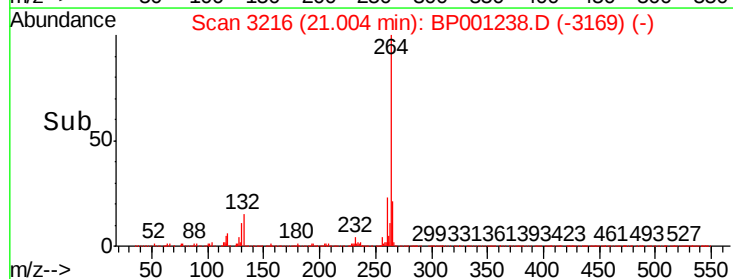
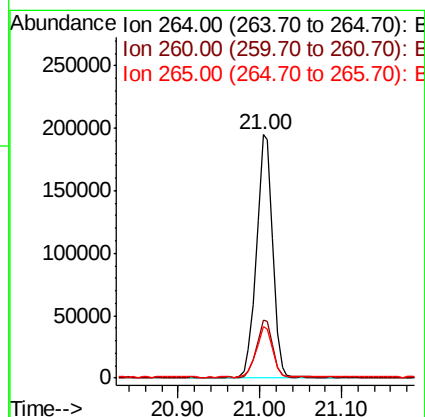
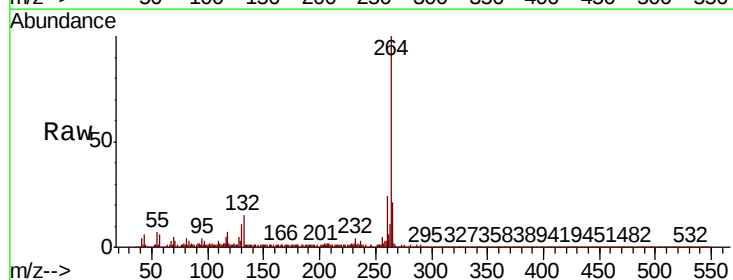
Instrument :
 BNA_P
 ClientSampleId :

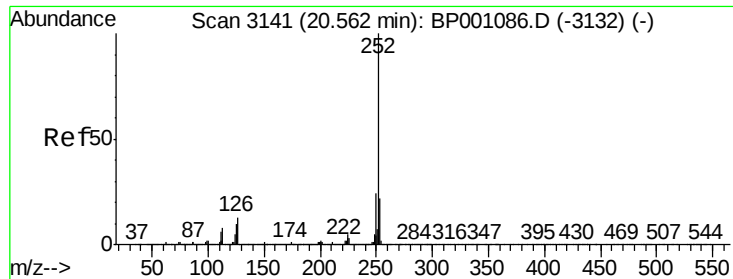
Tot Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.6	9.8
122	11.3	9.2	13.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 21.00 min Scan# 3216
 Delta R.T. -0.02 min
 Lab File: BP001238.D
 Acq: 06 Dec 2019 19:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	21.3	17.1	25.7

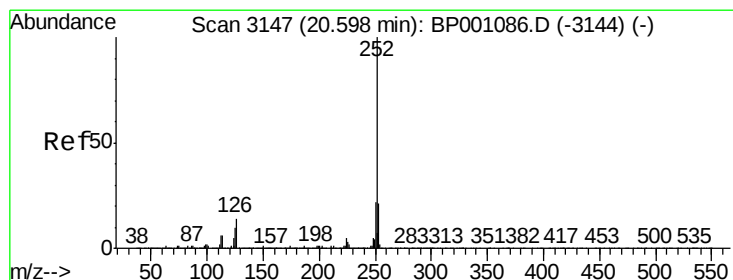
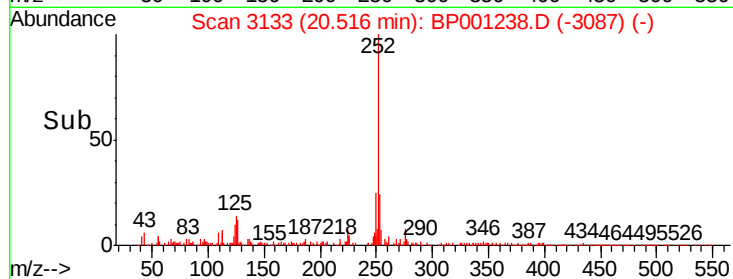
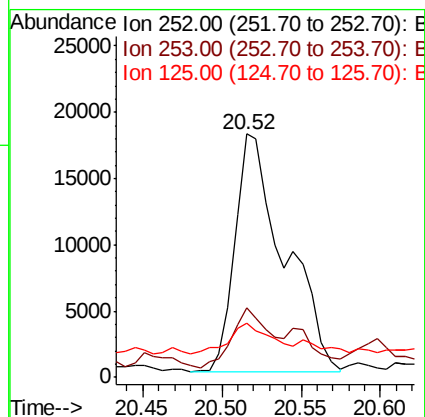
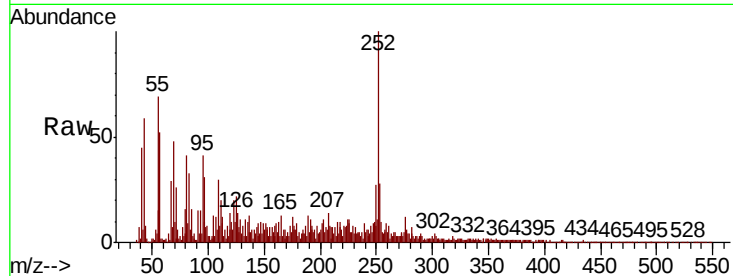




#88
Benzo(b)fluoranthene
Concen: 2.371 ng
RT: 20.52 min Scan# 3133
Delta R.T. -0.03 min
Lab File: BP001238.D
Acq: 06 Dec 2019 19:23

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.4	17.0	25.6#
125	22.2	6.6	9.8#



#89
Benzo(k)fluoranthene
Concen: 2.462 ng
RT: 20.52 min Scan# 3133
Delta R.T. -0.06 min
Lab File: BP001238.D
Acq: 06 Dec 2019 19:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.4	17.2	25.8#
125	22.2	6.2	9.4#

