

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121119\
 Data File : BP001317.D
 Acq On : 11 Dec 2019 17:59
 Operator : JU
 Sample : K6204-07MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 K072-AA-WC-2MSD

Quant Time: Dec 12 06:41:03 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	8.31	152	67930	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	251006	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	143666	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	272608	20.00	ng	0.00
76) Chrysene-d12	19.25	240	201442	20.00	ng	-0.01
87) Perylene-d12	21.01	264	210297	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	6.23	112	539310	131.72	ng	0.02
7) Phenol-d6	7.77	99	756294	138.65	ng	0.00
23) Nitrobenzene-d5	9.19	82	524588	90.67	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	218780	158.88	ng	0.00
45) 2-Fluorobiphenyl	12.13	172	926916	94.43	ng	0.00
79) Terphenyl-d14	17.89	244	1062360	97.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	63414	33.158	ng	97
3) Pyridine	3.44	79	164937	31.080	ng	92
4) n-Nitrosodimethylamine	3.36	42	130190	56.692	ng	# 77
6) Aniline	7.79	93	244308	33.780	ng	# 1
8) 2-Chlorophenol	7.98	128	201424	47.548	ng	99
9) Benzaldehyde	7.60	77	82758	22.926	ng	98
10) Phenol	7.79	94	307401	49.543	ng	95
11) bis(2-Chloroethyl)ether	7.92	93	204678	42.362	ng	99
12) 1,3-Dichlorobenzene	8.22	146	223750	44.562	ng	95
13) 1,4-Dichlorobenzene	8.33	146	230114	45.495	ng	99
14) 1,2-Dichlorobenzene	8.58	146	216951	45.575	ng	99
15) Benzyl Alcohol	8.55	79	241032	53.829	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.78	45	315431	40.607	ng	99
17) 2-Methylphenol	8.73	107	176380	45.390	ng	96
18) Hexachloroethane	9.11	117	96672	46.201	ng	98
19) n-Nitroso-di-n-propylamine	8.98	70	182842	46.453	ng	98
20) 3+4-Methylphenols	8.98	107	234979	47.970	ng	99
22) Acetophenone	8.96	105	340155	46.108	ng	96
24) Nitrobenzene	9.22	77	277898	48.305	ng	98
25) Isophorone	9.62	82	476844	45.963	ng	99
26) 2-Nitrophenol	9.73	139	105280	49.961	ng	97
27) 2,4-Dimethylphenol	9.83	122	173727	52.048	ng	96
28) bis(2-Chloroethoxy)methane	9.99	93	265440	40.780	ng	99
29) 2,4-Dichlorophenol	10.13	162	187312	49.306	ng	98
30) 1,2,4-Trichlorobenzene	10.26	180	209501	47.215	ng	97
31) Naphthalene	10.38	128	592526	46.221	ng	100
32) Benzoic acid	10.04	122	122183	50.634	ng	94
33) 4-Chloroaniline	10.47	127	103639	18.630	ng	98
34) Hexachlorobutadiene	10.60	225	143313	51.343	ng	97
35) Caprolactam	11.06	113	41322	31.561	ng	96
36) 4-Chloro-3-methylphenol	11.29	107	220564	48.969	ng	97
37) 2-Methylnaphthalene	11.51	142	415283	47.475	ng	97
38) 1-Methylnaphthalene	11.67	142	383861	46.454	ng	100
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	228255	50.415	ng	# 98

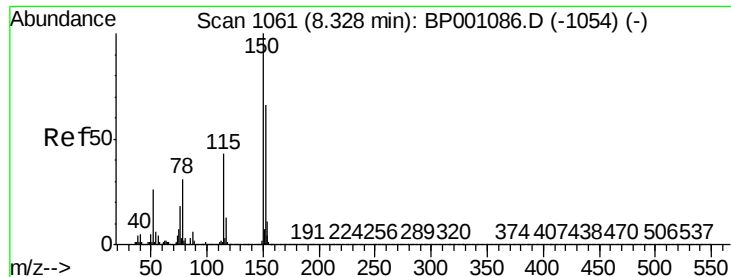
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121119\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.78	237	296001	141.716	ng	99
43) 2,4,6-Trichlorophenol	11.97	196	144487	48.876	ng	99
44) 2,4,5-Trichlorophenol	12.04	196	152573	49.812	ng	99
46) 1,1'-Biphenyl	12.28	154	528862	47.632	ng	98
47) 2-Chloronaphthalene	12.30	162	413568	46.631	ng	99
48) 2-Nitroaniline	12.47	65	163423	47.016	ng	97
49) Acenaphthylene	12.97	152	637160	47.929	ng	99
50) Dimethylphthalate	12.80	163	544200	50.648	ng	98
51) 2,6-Dinitrotoluene	12.89	165	106679	46.380	ng	98
52) Acenaphthene	13.26	154	369966	46.265	ng	100
53) 3-Nitroaniline	13.14	138	66105	25.585	ng	100
54) 2,4-Dinitrophenol	13.33	184	90436	94.814	ng	92
55) Dibenzofuran	13.55	168	582469	48.472	ng	99
56) 4-Nitrophenol	13.45	139	161319	88.110	ng	87
57) 2,4-Dinitrotoluene	13.54	165	144229	50.026	ng	# 86
58) Fluorene	14.11	166	466163	48.413	ng	100
59) 2,3,4,6-Tetrachlorophenol	13.75	232	126911	50.405	ng	99
60) Diethylphthalate	13.97	149	513681	46.171	ng	99
61) 4-Chlorophenyl-phenylether	14.13	204	240910	49.132	ng	99
62) 4-Nitroaniline	12.47	138	126296	42.160	ng	95
63) Azobenzene	14.39	77	556808	46.301	ng	95
65) 4,6-Dinitro-2-methylphenol	14.21	198	62931	53.064	ng	96
66) n-Nitrosodiphenylamine	14.32	169	395784	47.782	ng	98
67) 4-Bromophenyl-phenylether	14.92	248	141161	47.696	ng	99
68) Hexachlorobenzene	15.00	284	153910	47.302	ng	99
69) Atrazine	15.21	200	126825	50.147	ng	98
70) Pentachlorophenol	15.32	266	181463	107.005	ng	98
71) Phenanthrene	15.64	178	682432	47.616	ng	99
72) Anthracene	15.72	178	698676	49.460	ng	99
73) Carbazole	15.96	167	596857	46.433	ng	99
74) Di-n-butylphthalate	16.52	149	812396	47.006	ng	99
75) Fluoranthene	17.35	202	727743	47.964	ng	98
77) Benzidine	17.54	184	257537	49.516	ng	99
78) Pyrene	17.66	202	743387	46.854	ng	99
80) Butylbenzylphthalate	18.53	149	332036	45.309	ng	99
81) Benzo(a)anthracene	19.23	228	638823	45.739	ng	100
82) 3,3'-Dichlorobenzidine	19.20	252	204233	44.263	ng	97
83) Chrysene	19.28	228	619573	49.539	ng	99
84) Bis(2-ethylhexyl)phthalate	19.28	149	477075	47.350	ng	99
85) Di-n-octyl phthalate	20.06	149	796489	44.501	ng	99
86) Indeno(1,2,3-cd)pyrene	22.66	276	643865	43.683	ng	97
88) Benzo(b)fluoranthene	20.53	252	600254	46.731	ng	98
89) Benzo(k)fluoranthene	20.57	252	598782	48.400	ng	99
90) Benzo(a)pyrene	20.95	252	575936	48.679	ng	99
91) Dibenzo(a,h)anthracene	22.68	278	537182	46.395	ng	98
92) Benzo(g,h,i)perylene	23.14	276	517989	45.306	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.31 min Scan# 1058

Delta R.T. 0.00 min

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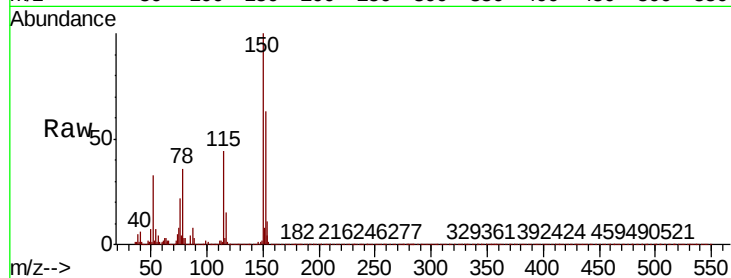
Tot Ion:152 Resp: 67930

Ion Ratio Lower Upper

152 100

150 158.1 127.3 190.9

115 70.1 56.0 84.0

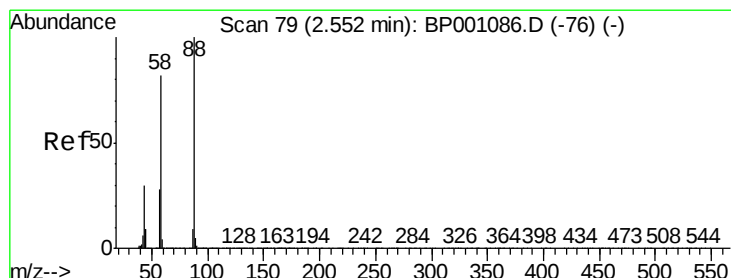
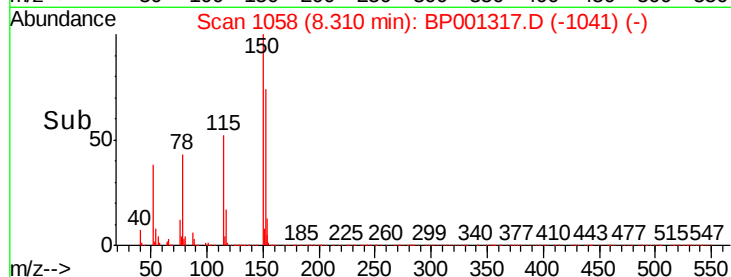
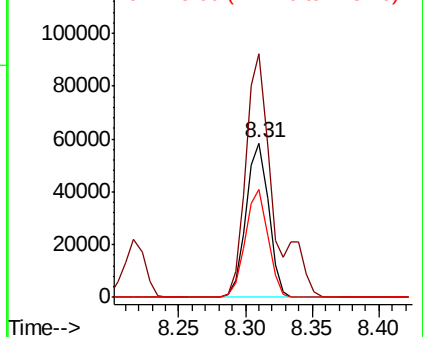


Abundance

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



#2

1,4-Dioxane

Concen: 33.158 ng

RT: 2.59 min Scan# 86

Delta R.T. 0.05 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

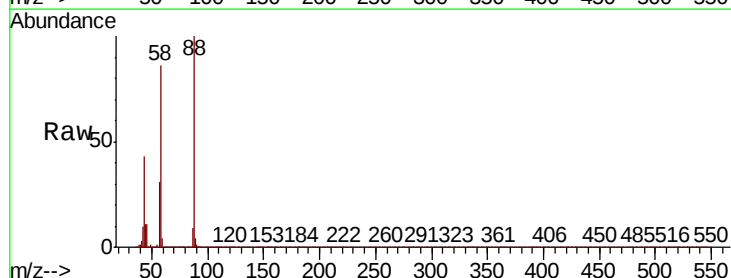
Tgt Ion: 88 Resp: 63414

Ion Ratio Lower Upper

88 100

58 84.3 67.8 101.6

43 40.4 28.0 42.0

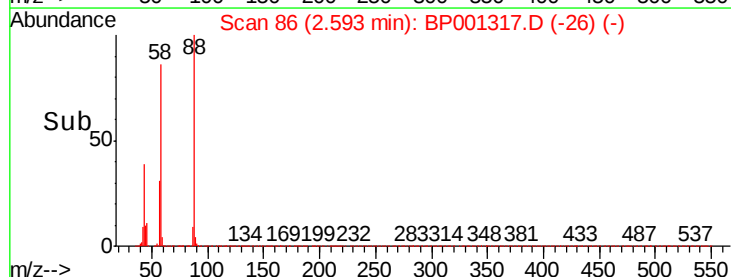
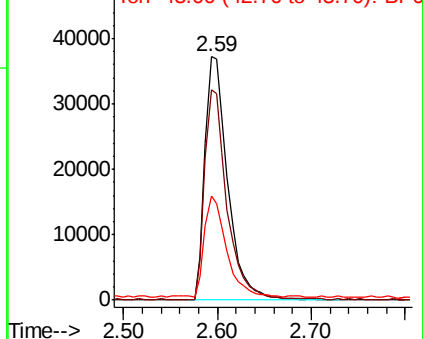


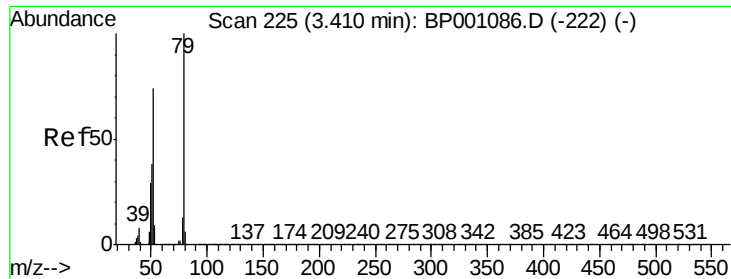
Abundance

Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 31.080 ng

RT: 3.44 min Scan# 230

Delta R.T. 0.05 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Instrument :

BNA_P

ClientSampleId :

K072-AA-WC-2MSD

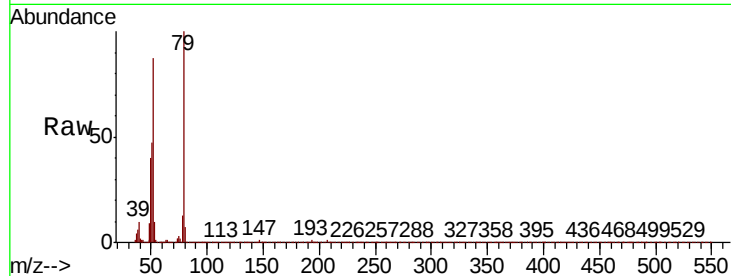
Tot Ion: 79 Resp: 164937

Ion Ratio Lower Upper

79 100

52 87.4 65.1 97.7

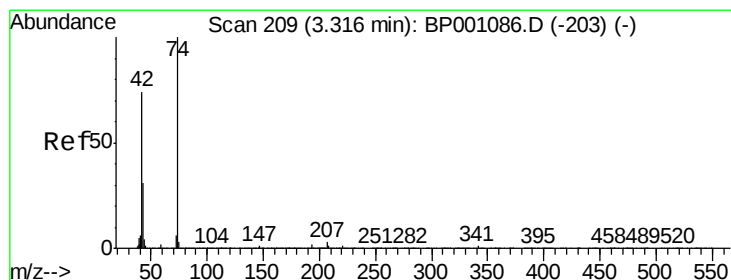
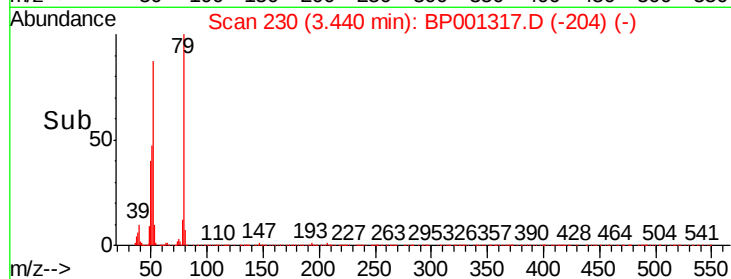
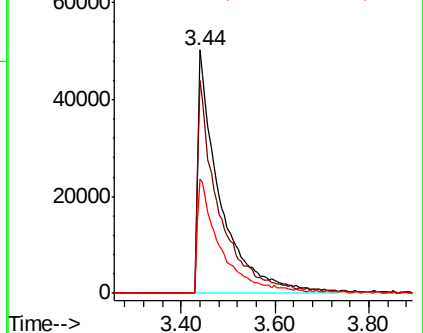
51 46.7 32.7 49.1



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 56.692 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.06 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

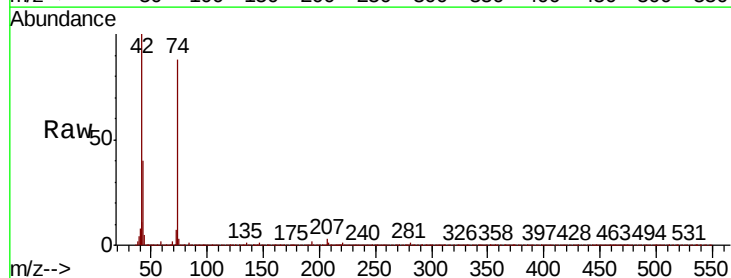
Tgt Ion: 42 Resp: 130190

Ion Ratio Lower Upper

42 100

74 88.3 91.4 137.0#

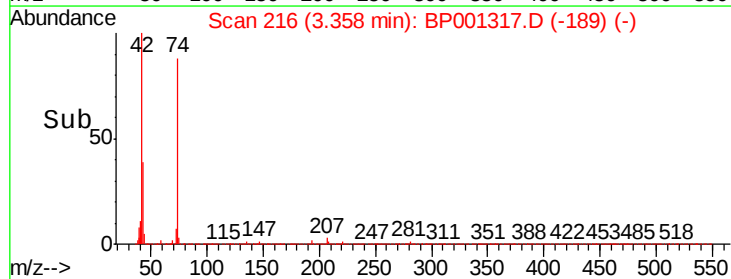
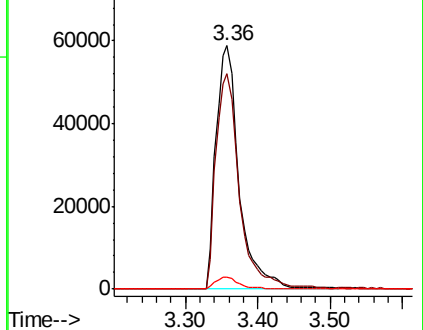
44 4.7 4.9 7.3#

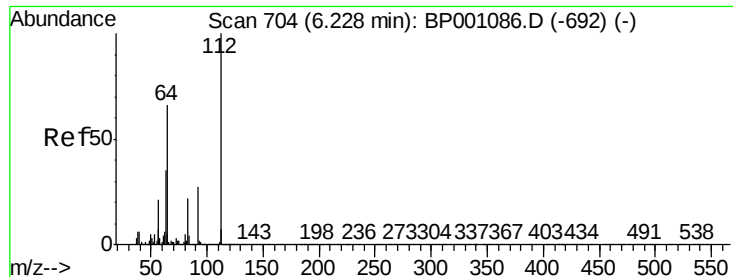


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 131.718 ng

RT: 6.23 min Scan# 704

Delta R.T. 0.02 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

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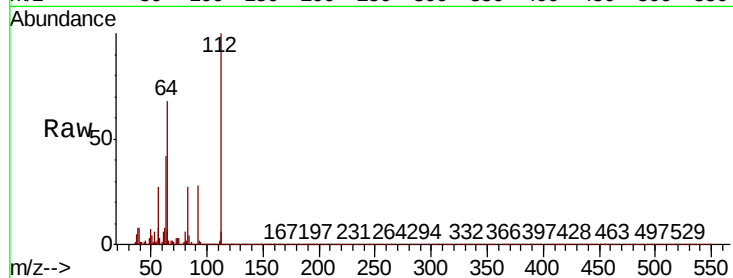
Tot Ion: 112 Resp: 539310

Ion Ratio Lower Upper

112 100

64 67.5 56.8 85.2

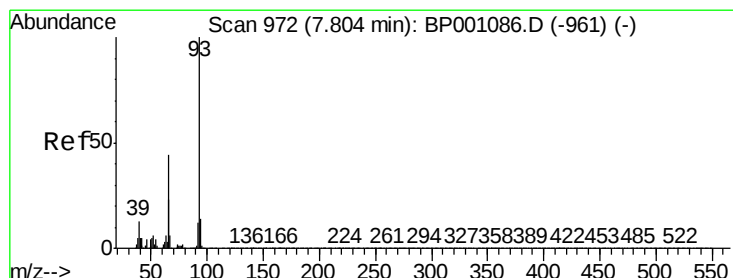
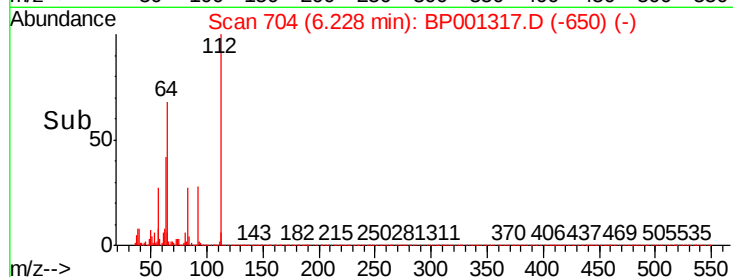
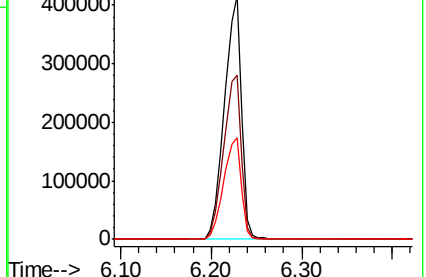
63 41.9 32.2 48.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 33.780 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

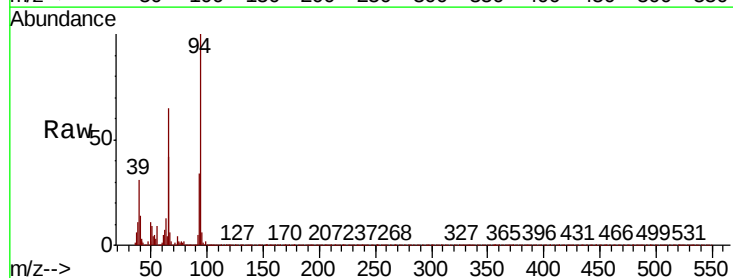
Tgt Ion: 93 Resp: 244308

Ion Ratio Lower Upper

93 100

66 191.8 36.8 55.2#

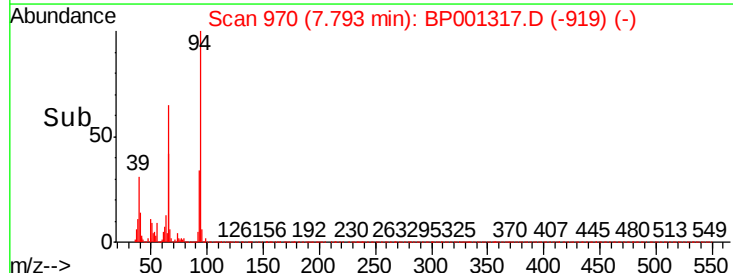
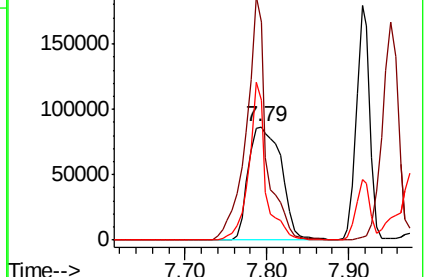
65 123.3 19.8 29.8#



Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 138.647 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.01 min

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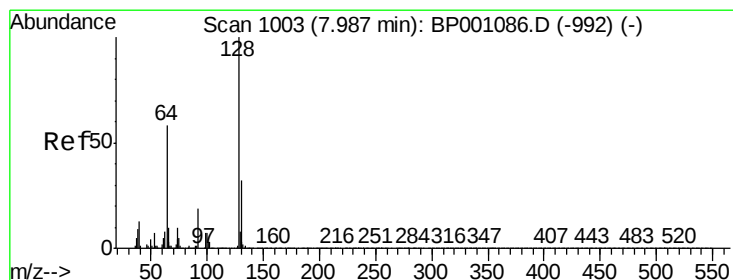
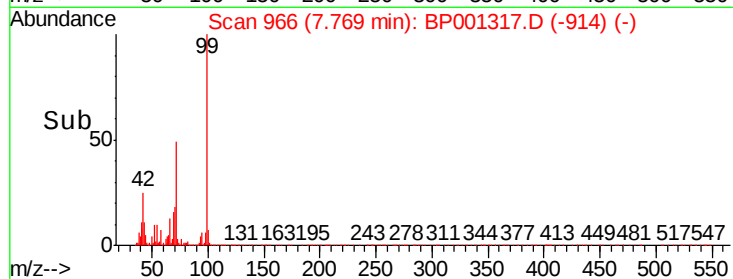
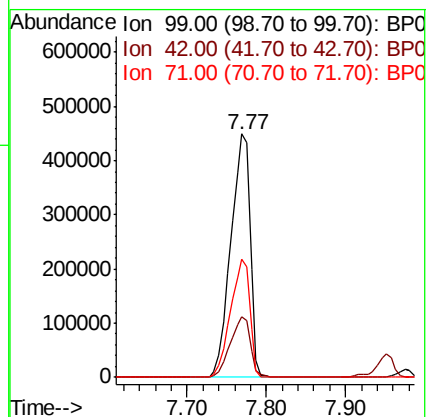
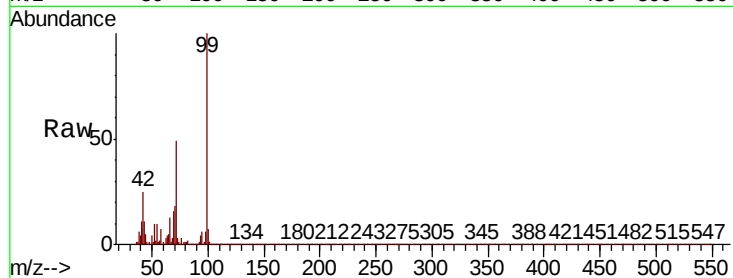
Tot Ion: 99 Resp: 756294

Ion Ratio Lower Upper

99 100

42 24.9 17.6 26.4

71 48.7 33.8 50.8



#8

2-Chlorophenol

Concen: 47.548 ng

RT: 7.98 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

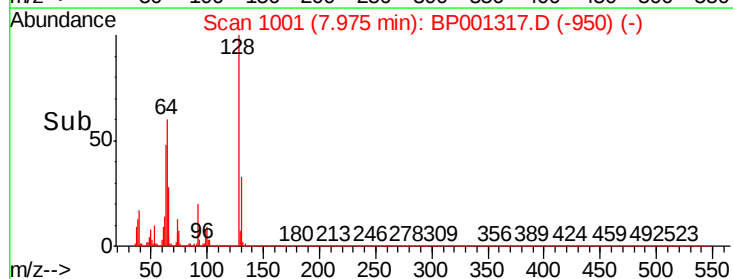
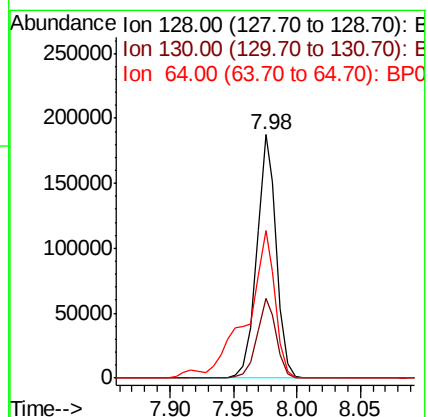
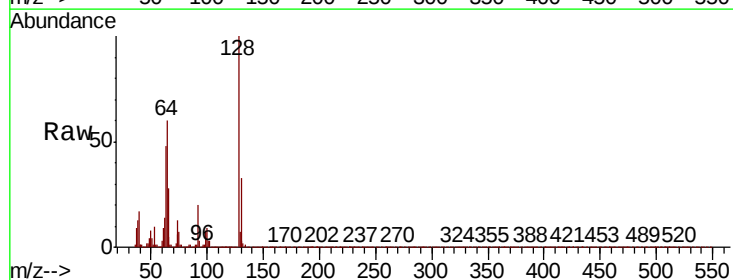
Tgt Ion: 128 Resp: 201424

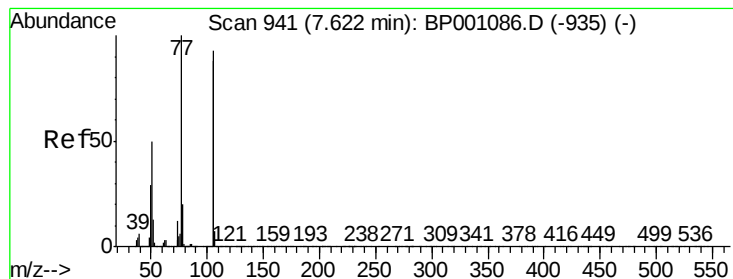
Ion Ratio Lower Upper

128 100

130 32.5 12.4 52.4

64 60.4 38.9 78.9





#9

Benzaldehyde

Concen: 22.926 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

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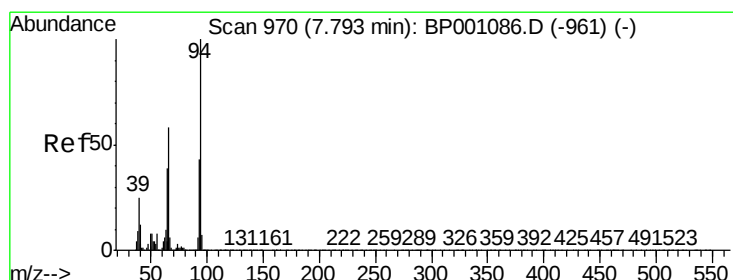
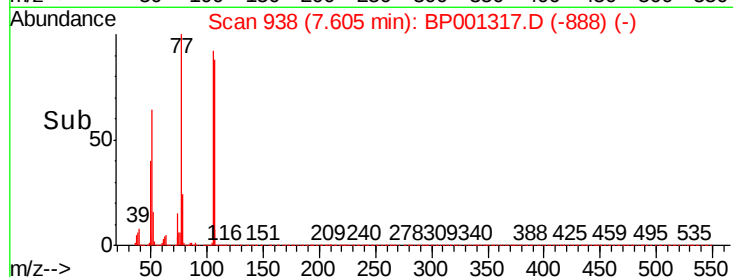
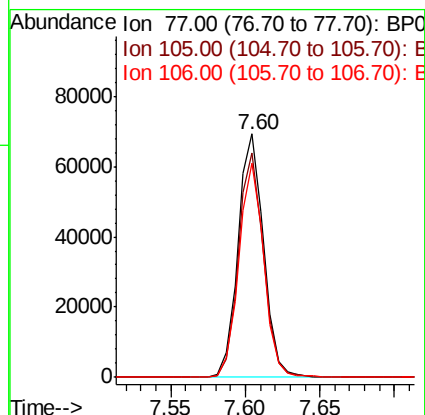
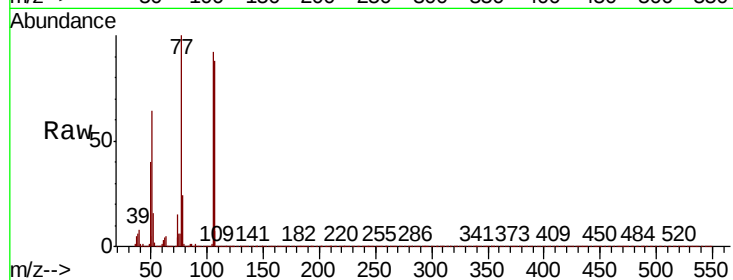
Tot Ion: 77 Resp: 82758

Ion Ratio Lower Upper

77 100

105 92.2 69.7 109.7

106 88.1 67.1 107.1



#10

Phenol

Concen: 49.543 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.01 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

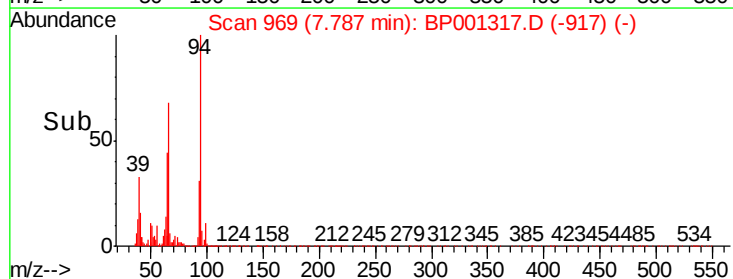
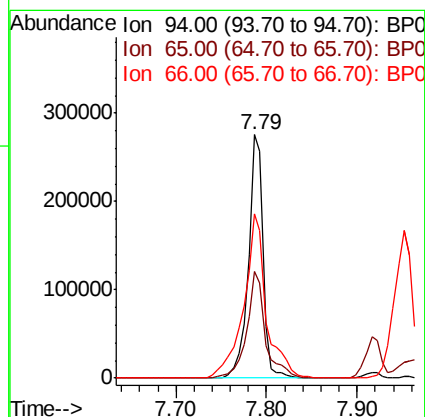
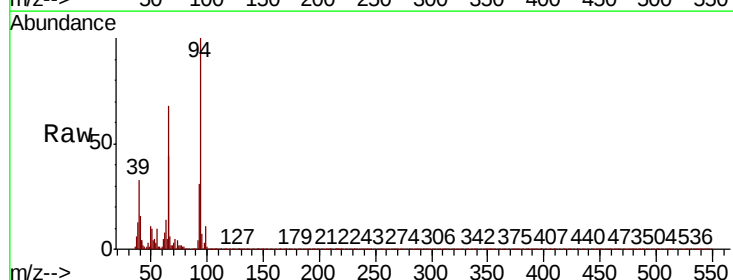
Tgt Ion: 94 Resp: 307401

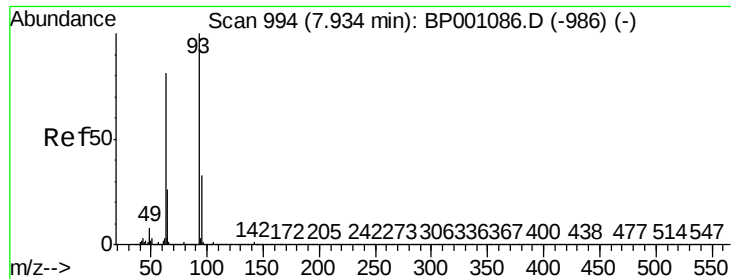
Ion Ratio Lower Upper

94 100

65 43.7 25.6 65.6

66 67.5 52.6 92.6

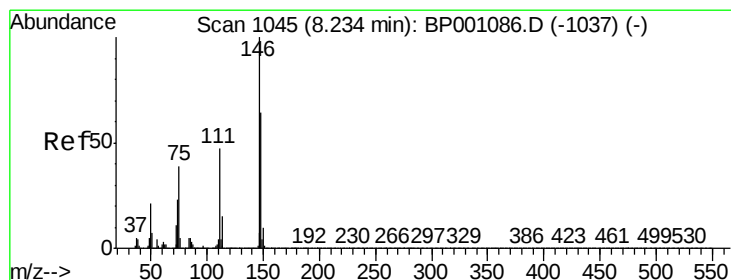
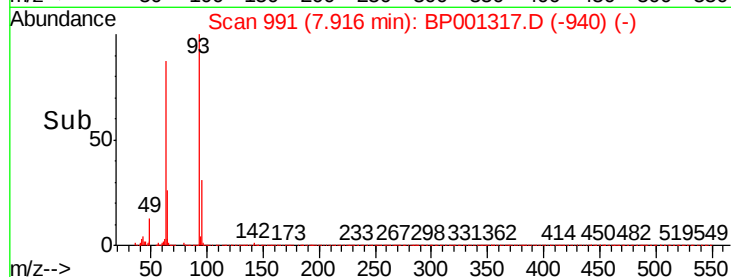
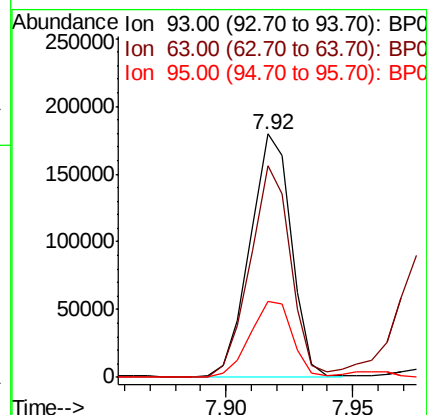
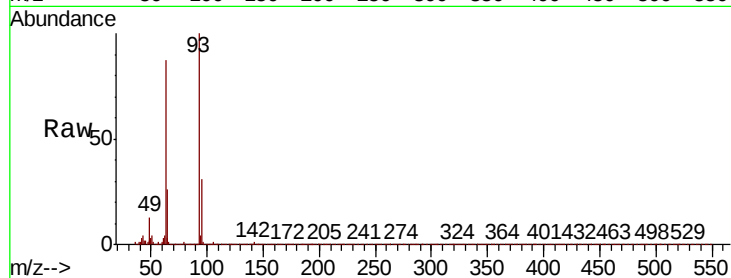




#11
bis(2-Chloroethyl)ether
Concen: 42.362 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.00 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

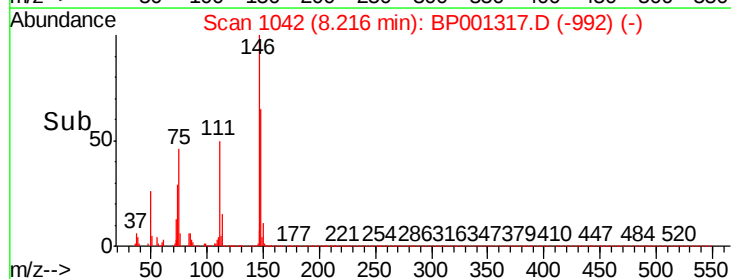
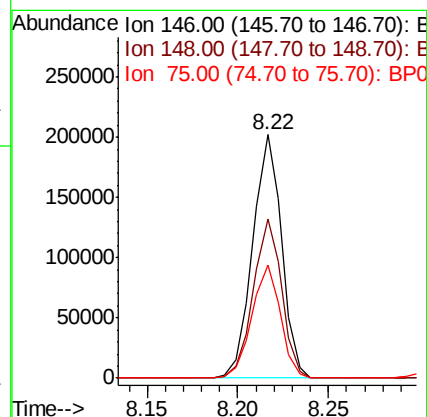
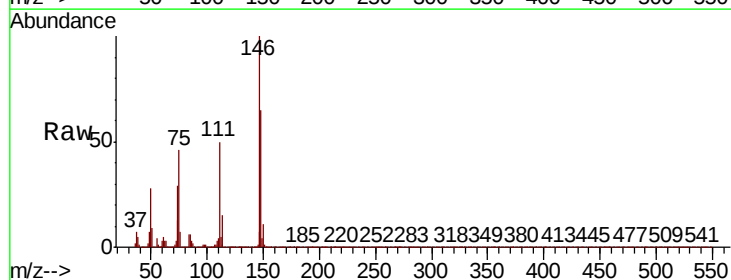
Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

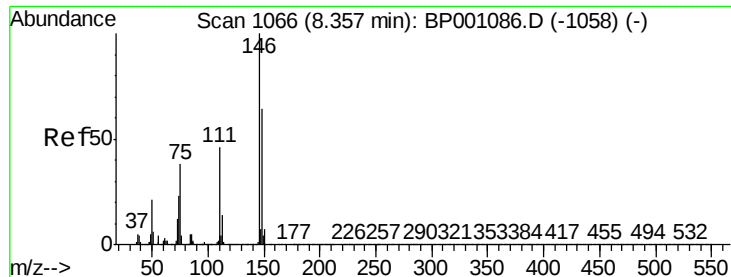
Tot Ion	93	Resp	204678
Ion Ratio	Lower	Upper	
93	100		
63	87.0	65.8	105.8
95	31.3	11.7	51.7



#12
1,3-Dichlorobenzene
Concen: 44.562 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion	146	Resp	223750
Ion Ratio	Lower	Upper	
146	100		
148	65.4	51.4	77.0
75	46.3	32.2	48.2





#13

1,4-Dichlorobenzene

Concen: 45.495 ng

RT: 8.33 min Scan# 1062

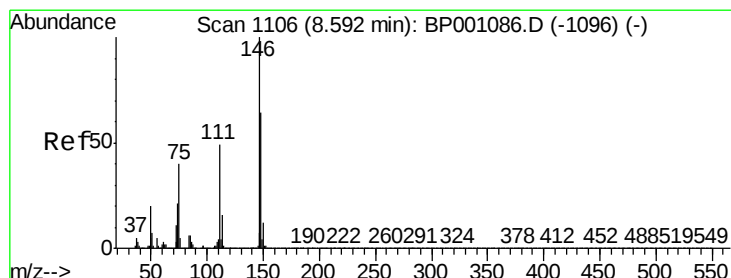
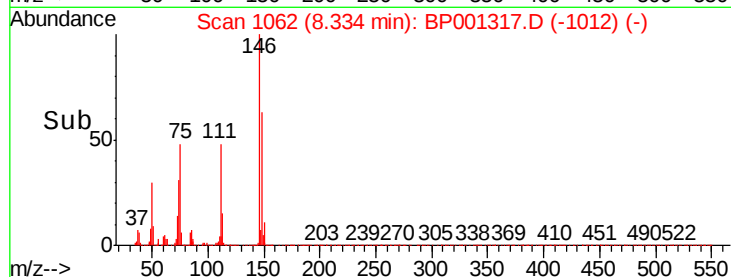
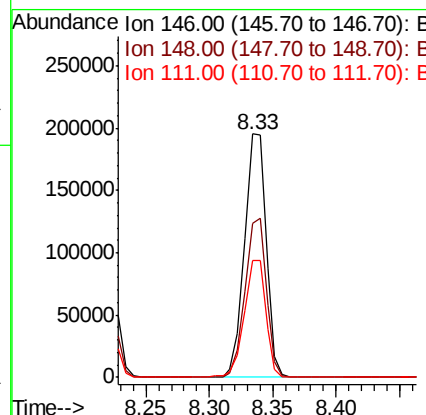
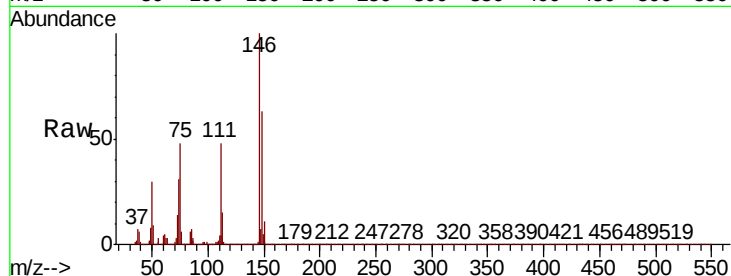
Delta R.T. -0.01 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.8	76.2
111	48.0	37.3	55.9



#14

1,2-Dichlorobenzene

Concen: 45.575 ng

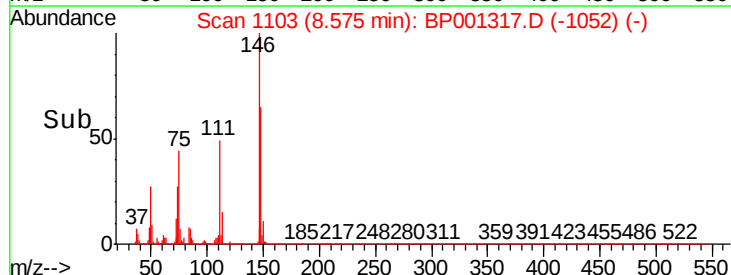
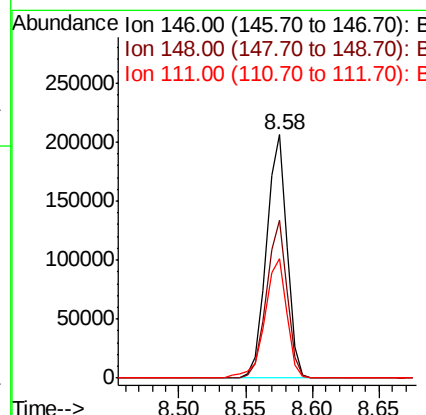
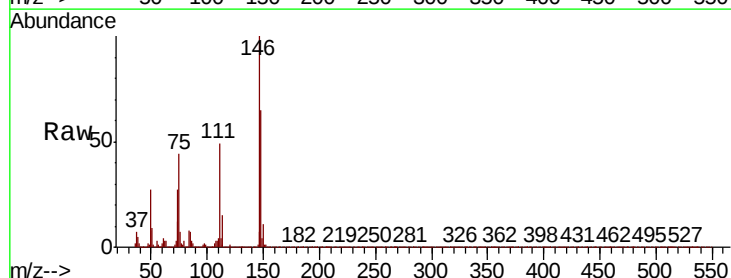
RT: 8.58 min Scan# 1103

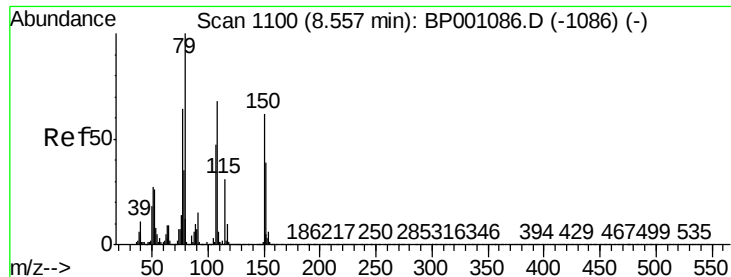
Delta R.T. 0.00 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.5	77.3
111	49.1	40.7	61.1

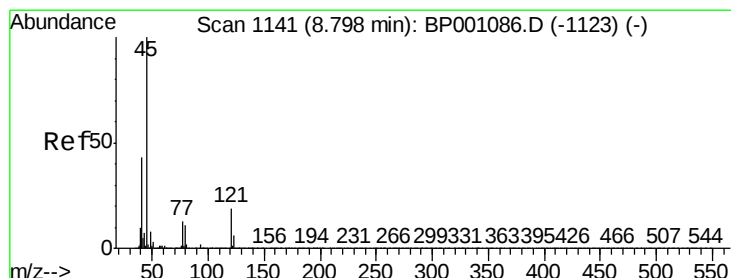
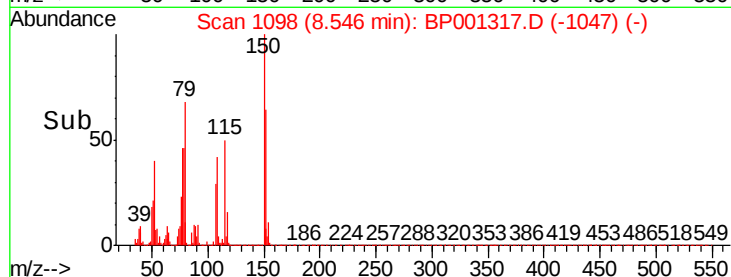
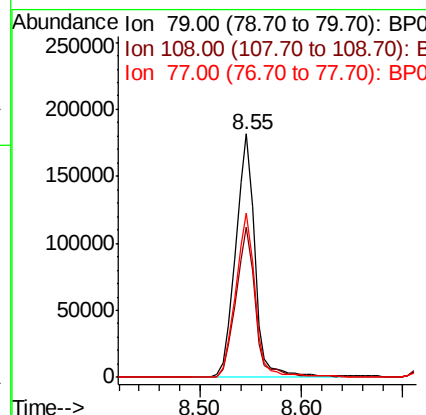
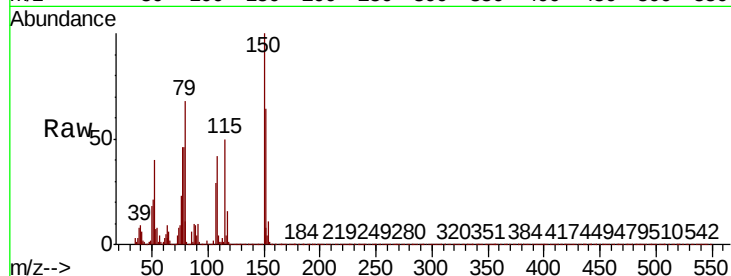




#15
Benzyl Alcohol
Concen: 53.829 ng
RT: 8.55 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

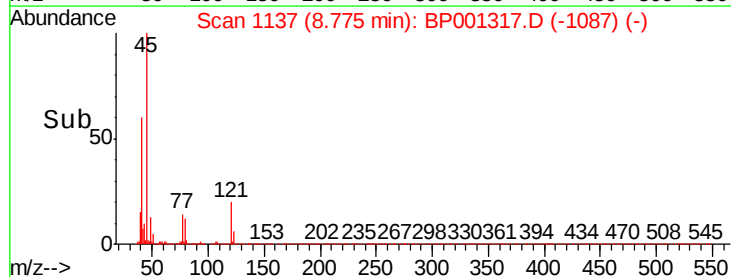
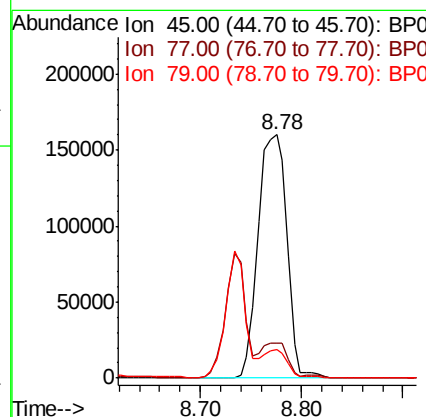
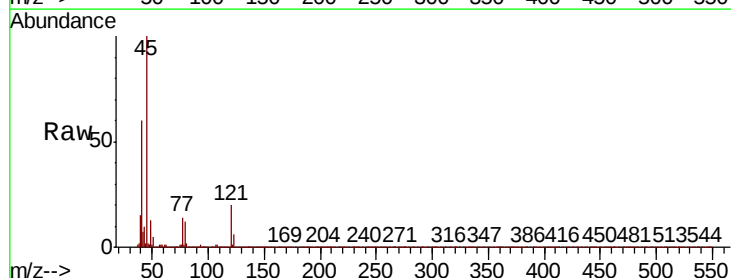
Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

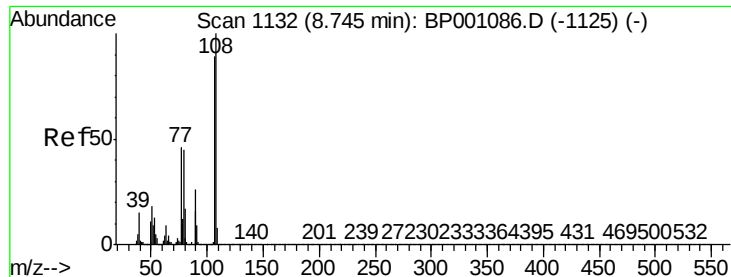
Tot Ion	Ratio	Lower	Upper
79	100		
108	61.9	51.6	77.4
77	67.7	53.5	80.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.607 ng
RT: 8.78 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.2	0.0	33.9
79	11.7	0.0	30.9

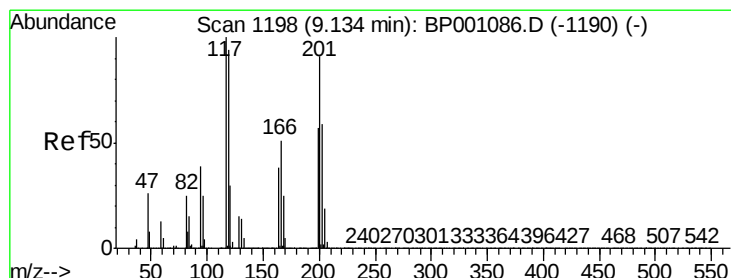
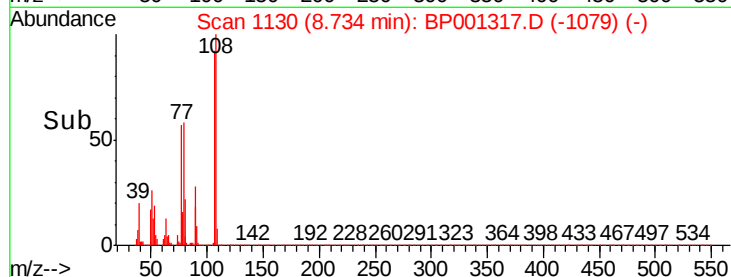
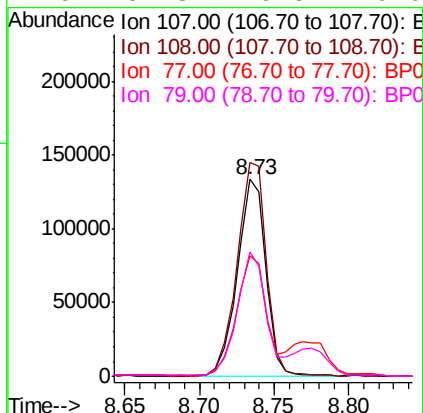
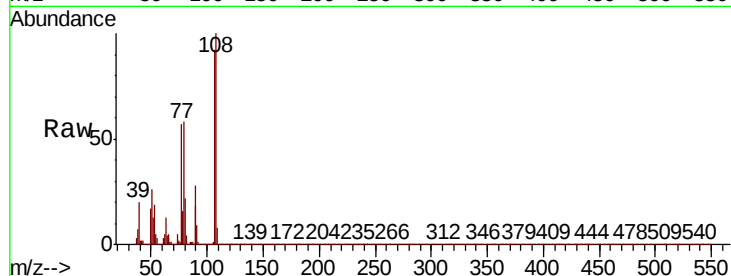




#17
2-Methylphenol
Concen: 45.390 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

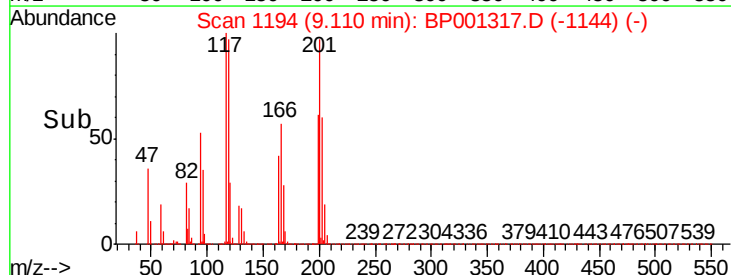
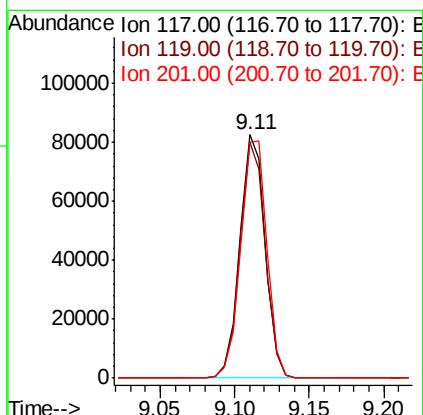
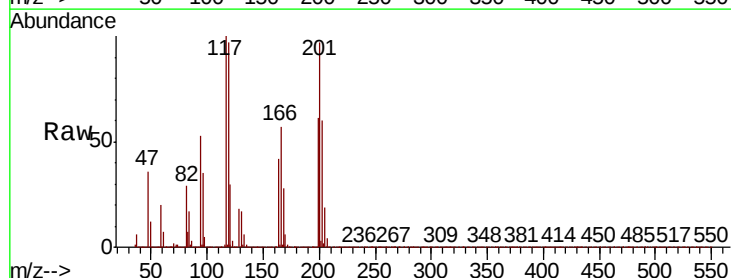
Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

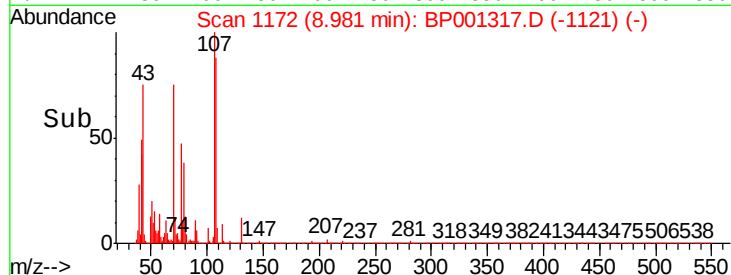
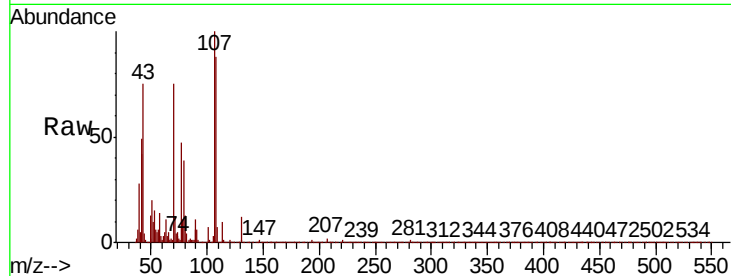
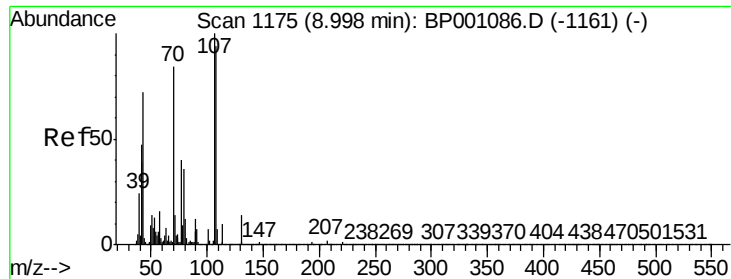
Tot Ion:	107	Resp:	176380
Ion	Ratio	Lower	Upper
107	100		
108	108.4	88.8	133.2
77	61.3	46.3	69.5
79	62.8	46.6	70.0



#18
Hexachloroethane
Concen: 46.201 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion:	117	Resp:	96672
Ion	Ratio	Lower	Upper
117	100		
119	96.8	78.7	118.1
201	97.0	75.5	113.3

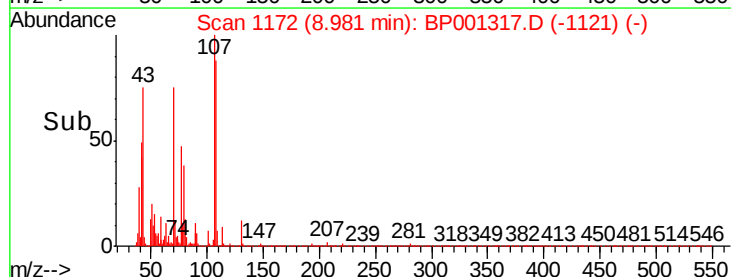
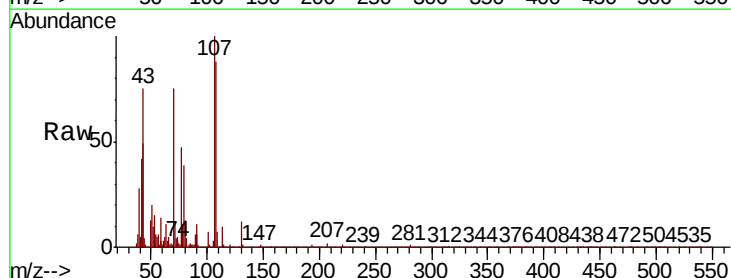
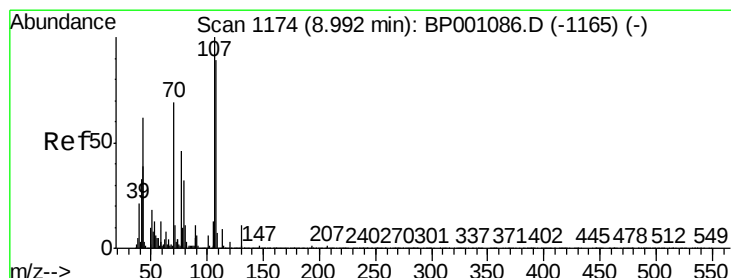
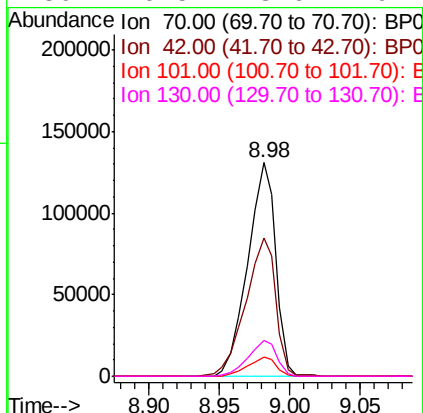




#19
n-Nitroso-di-n-propylamine
Concen: 46.453 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

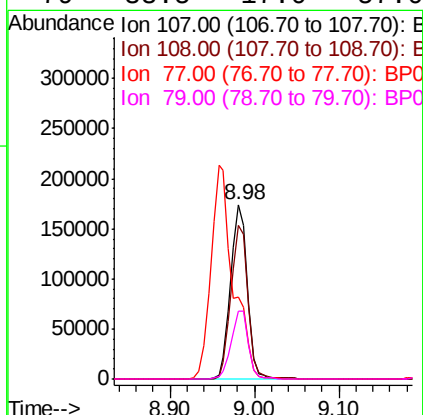
Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

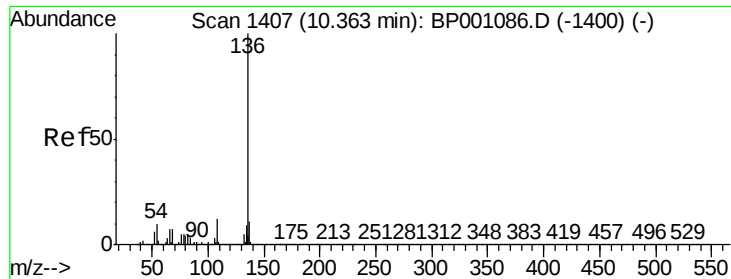
Tot Ion:	70	Resp:	182842
Ion Ratio	Lower	Upper	
70	100		
42	64.7	50.6	76.0
101	9.1	7.1	10.7
130	16.5	13.6	20.4



#20
3+4-Methylphenols
Concen: 47.970 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion:	107	Resp:	234979
Ion Ratio	Lower	Upper	
107	100		
108	88.2	68.3	108.3
77	47.2	25.2	65.2
79	38.5	17.0	57.0

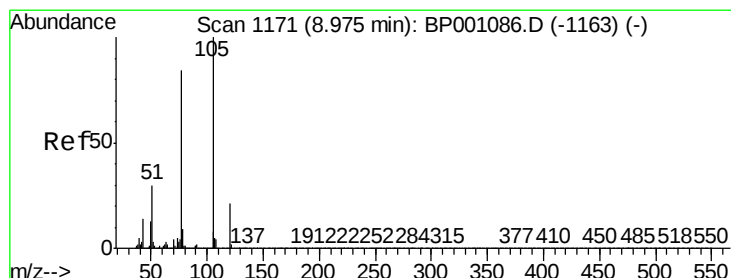
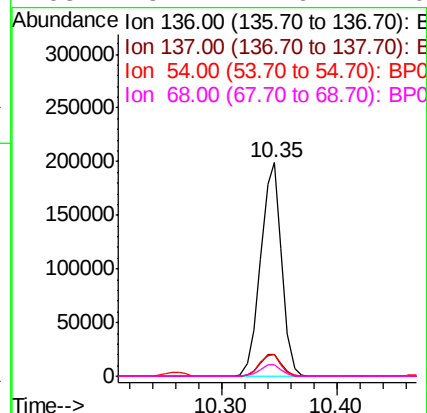
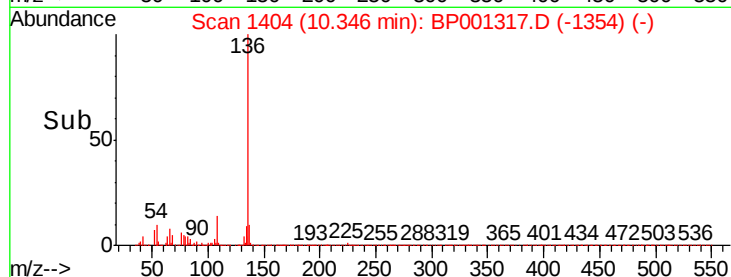
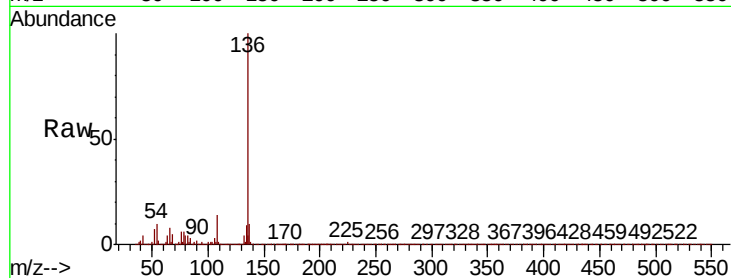




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

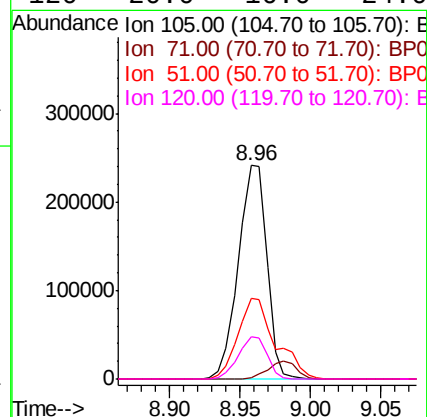
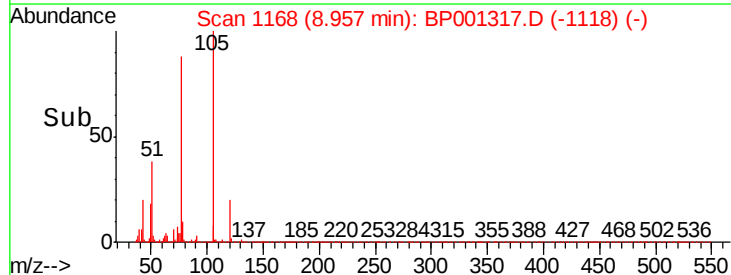
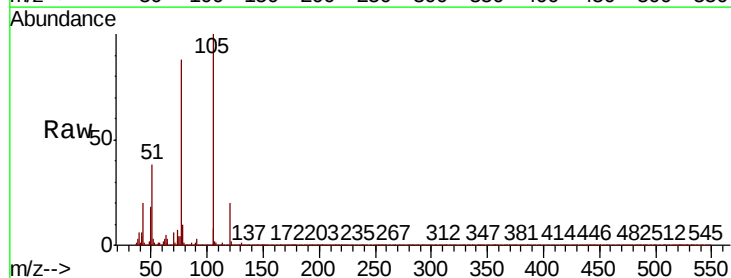
Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

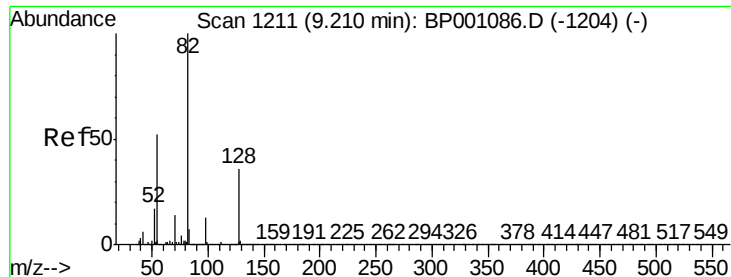
Tot Ion:136	Resp: 251006
Ion Ratio	Lower Upper
136 100	
137 10.5	8.4 12.6
54 10.1	7.4 11.0
68 5.4	4.6 7.0



#22
Acetophenone
Concen: 46.108 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion	Ion:105	Resp:	340155
	Ratio	Lower	Upper
105	100		
71	0.9	0.7	1.1
51	37.7	26.9	40.3
120	20.0	16.0	24.0

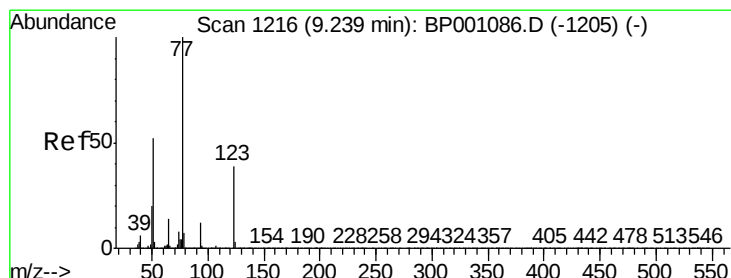
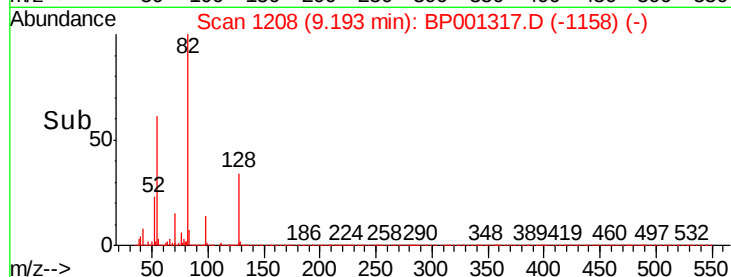
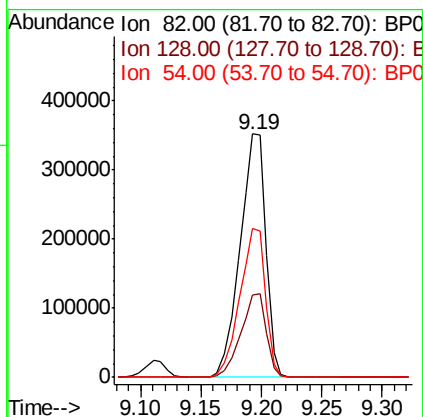
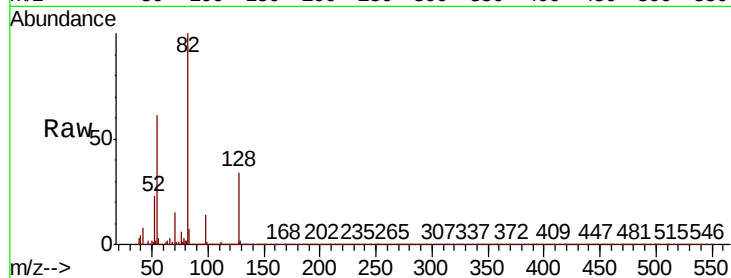




#23
 Nitrobenzene-d5
 Concen: 90.674 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BP001317.D
 Acq: 11 Dec 2019 17:59

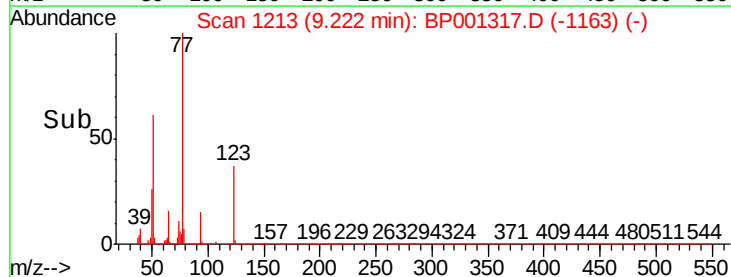
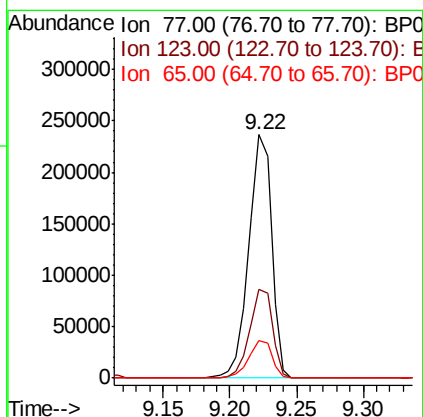
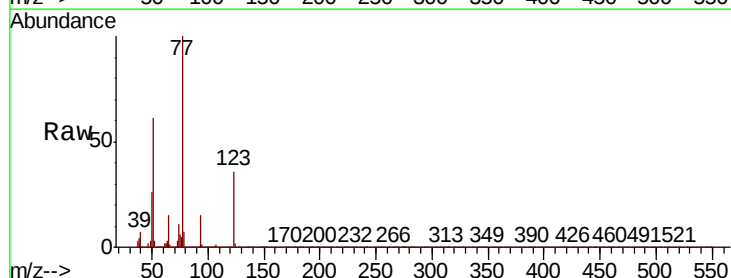
Instrument :
 BNA_P
 ClientSampleId :
 K072-AA-WC-2MSD

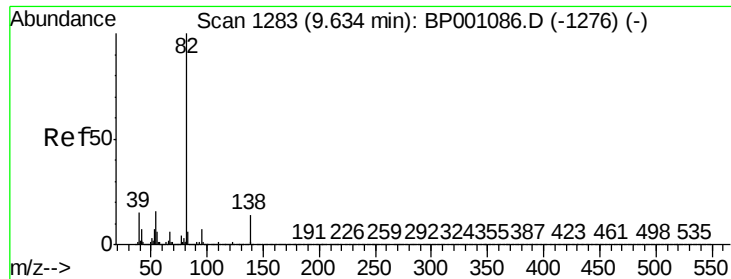
Tot Ion	82	Resp	524588
Ion Ratio	Lower	Upper	
82	100		
128	33.6	27.5	41.3
54	61.1	45.7	68.5



#24
 Nitrobenzene
 Concen: 48.305 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BP001317.D
 Acq: 11 Dec 2019 17:59

Tgt Ion	77	Resp	277898
Ion Ratio	Lower	Upper	
77	100		
123	36.4	30.2	45.4
65	15.5	11.9	17.9





#25

Isophorone

Concen: 45.963 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Instrument :

BNA_P

ClientSampleId :

K072-AA-WC-2MSD

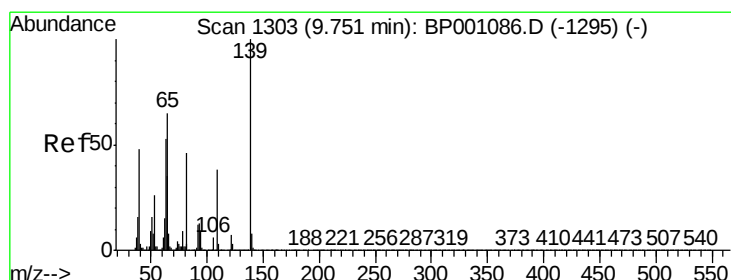
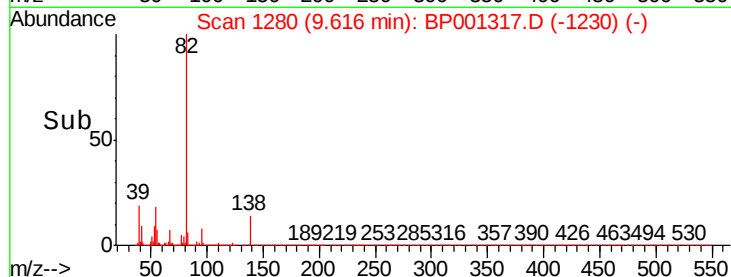
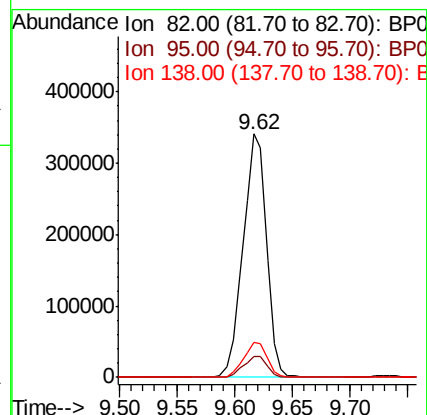
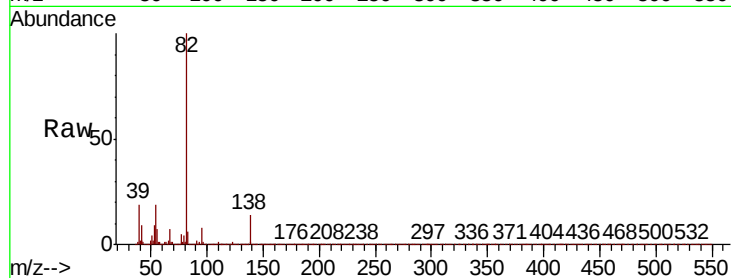
Tot Ion: 82 Resp: 476844

Ion Ratio Lower Upper

82 100

95 8.5 6.3 9.5

138 14.4 11.4 17.0



#26

2-Nitrophenol

Concen: 49.961 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

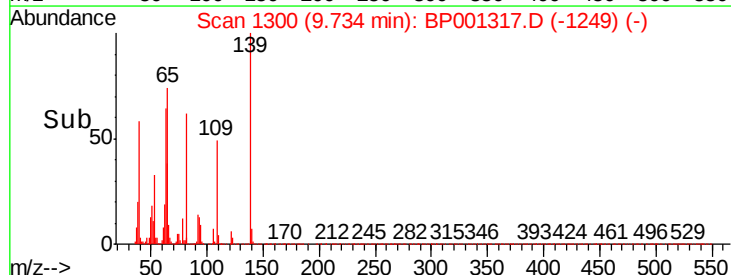
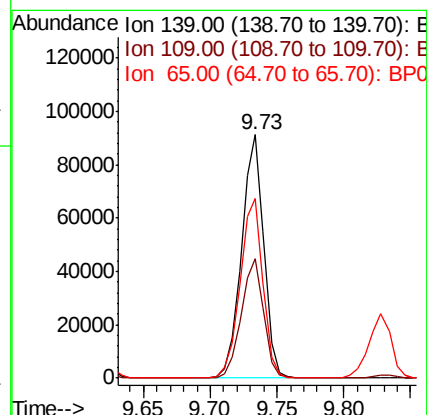
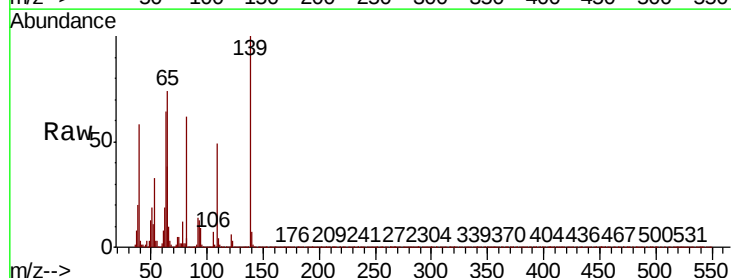
Tgt Ion: 139 Resp: 105280

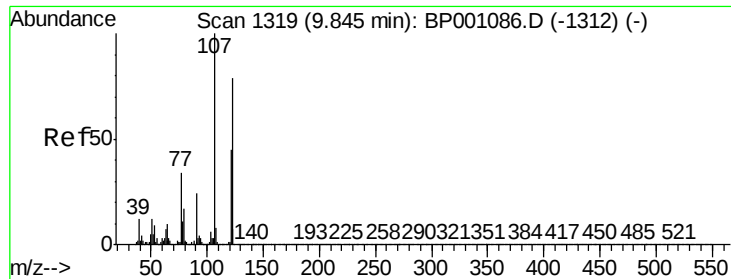
Ion Ratio Lower Upper

139 100

109 49.1 35.5 53.3

65 74.0 59.3 88.9

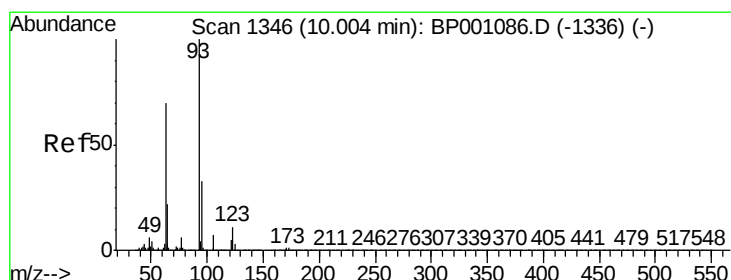
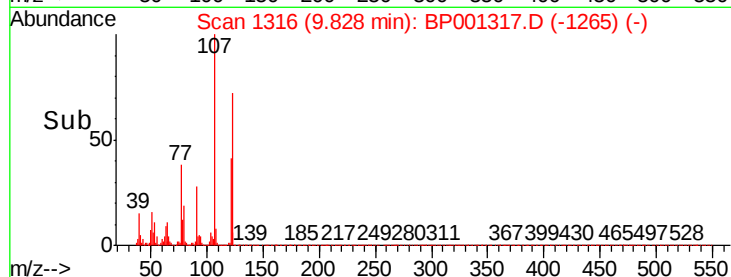
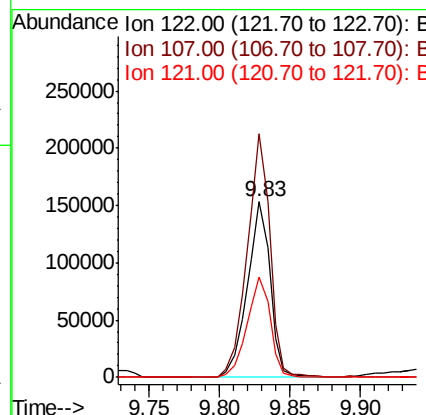
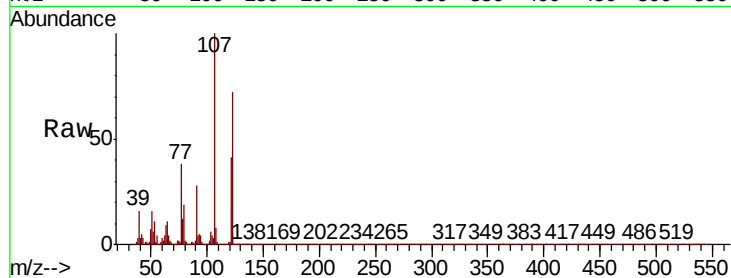




#27
2,4-Dimethylphenol
Concen: 52.048 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

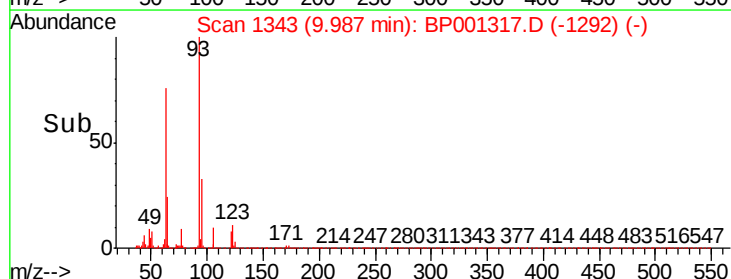
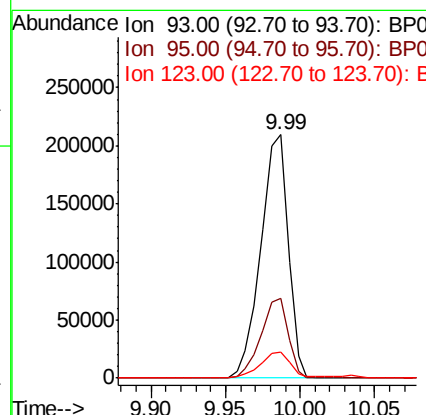
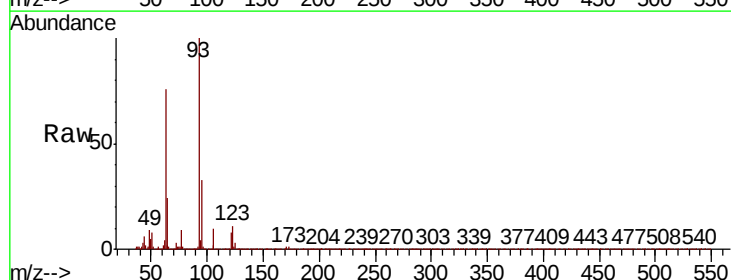
Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	138.8	106.7	160.1
121	57.3	47.3	70.9



#28
bis(2-Chloroethoxy)methane
Concen: 40.780 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.8	38.6
123	10.9	8.5	12.7

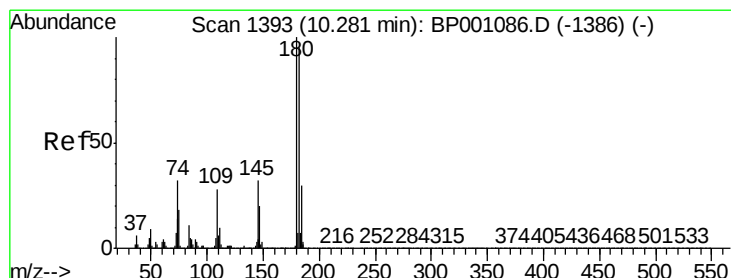
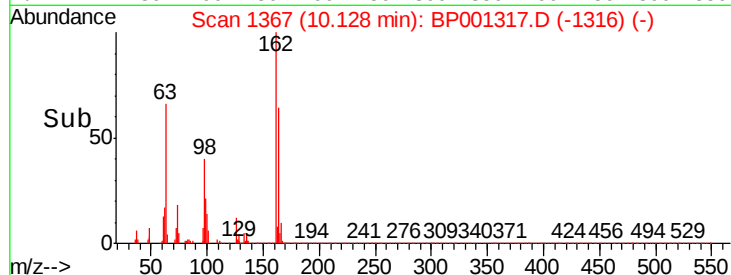
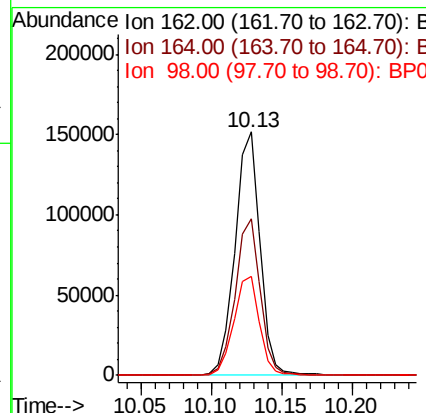
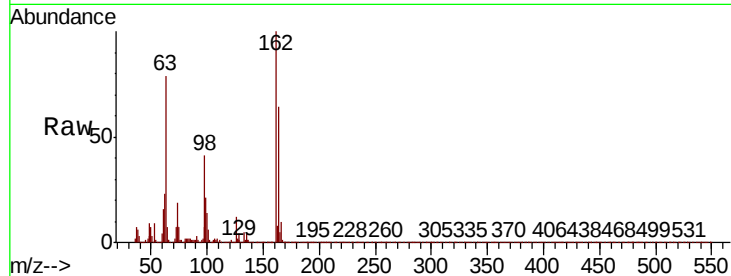




#29
 2,4-Dichlorophenol
 Concen: 49.306 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: BP001317.D
 Acq: 11 Dec 2019 17:59

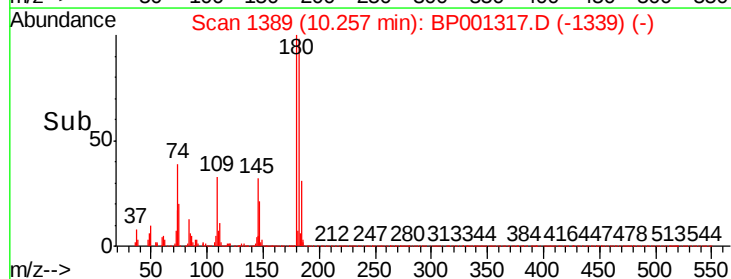
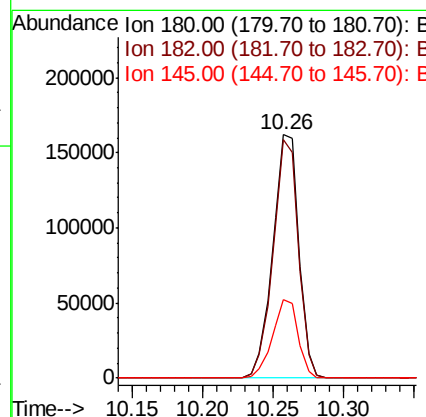
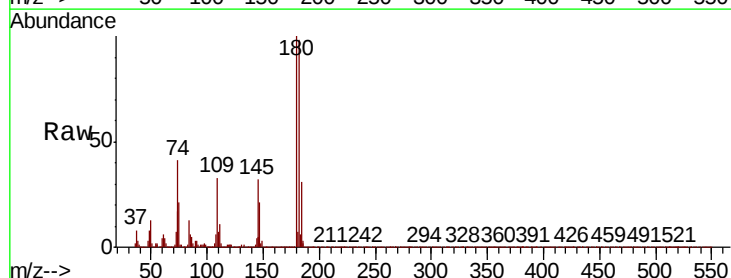
Instrument :
 BNA_P
 ClientSampleId :
 K072-AA-WC-2MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.7	84.7
98	40.8	22.9	62.9



#30
 1,2,4-Trichlorobenzene
 Concen: 47.215 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BP001317.D
 Acq: 11 Dec 2019 17:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	75.4	113.0
145	32.4	25.1	37.7

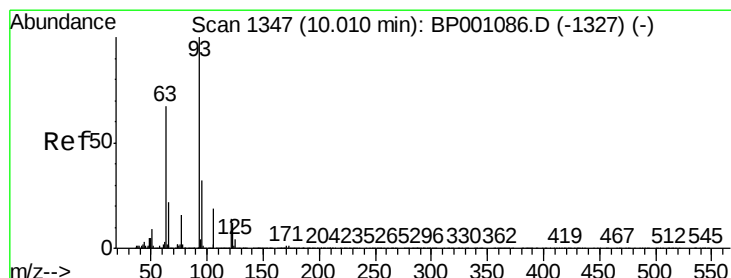
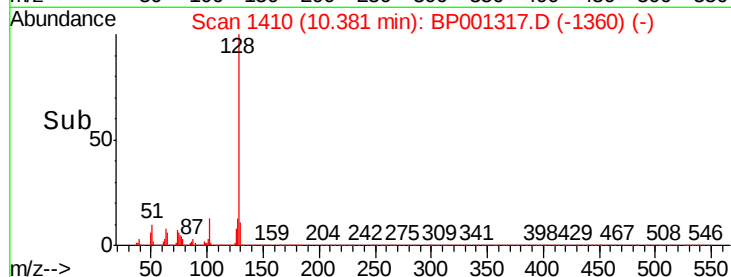
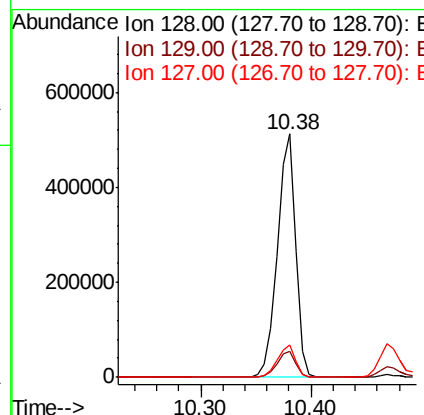
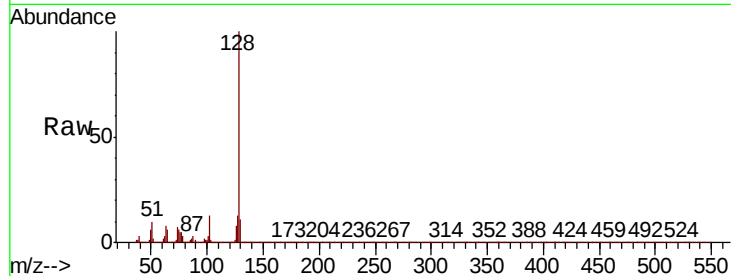




#31
Naphthalene
Concen: 46.221 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

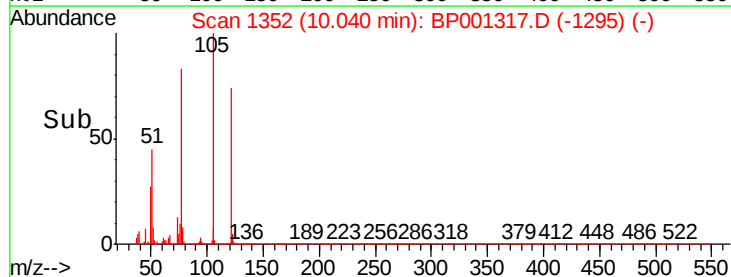
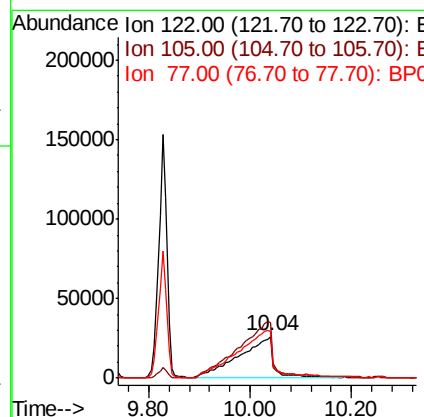
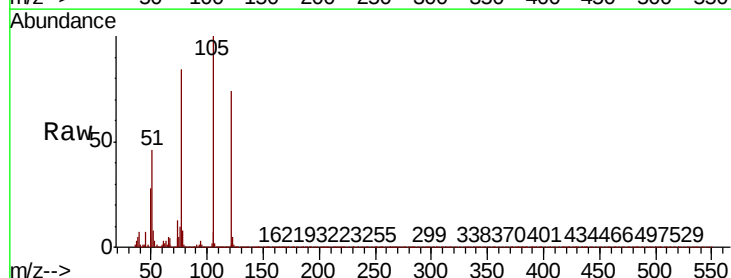
Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

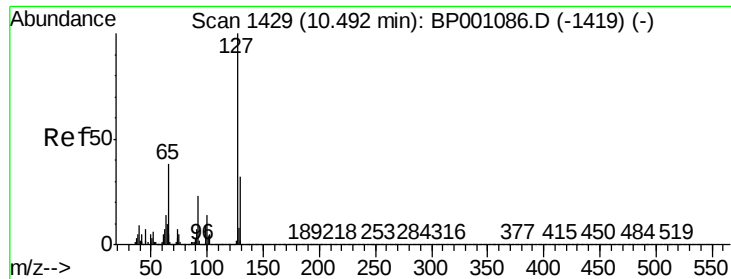
Tot Ion:	128	Resp:	592526
Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.3	12.5
127	13.3	10.6	16.0



#32
Benzoic acid
Concen: 50.634 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.04 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion:	122	Resp:	122183
Ion	Ratio	Lower	Upper
122	100		
105	135.1	122.3	162.3
77	112.9	100.4	140.4

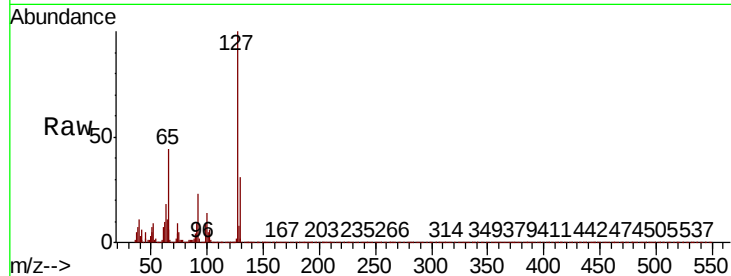




#33
4-Chloroaniline
Concen: 18.630 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

Tot Ion:	127	Resp:	103639
Ion	Ratio	Lower	Upper
127	100		
129	30.7	25.6	38.4
65	43.6	33.6	50.4
92	23.5	19.8	29.6



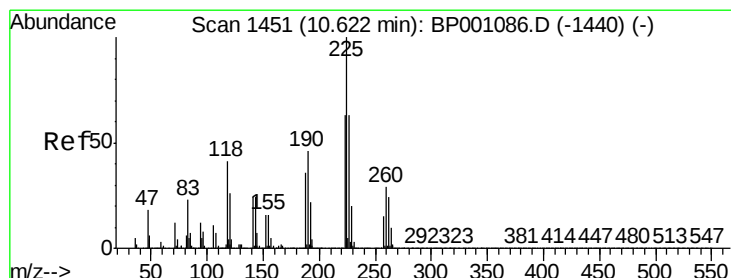
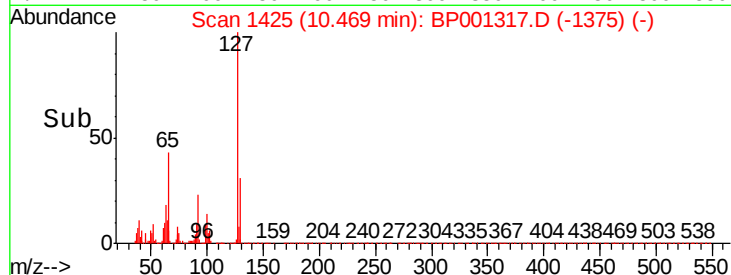
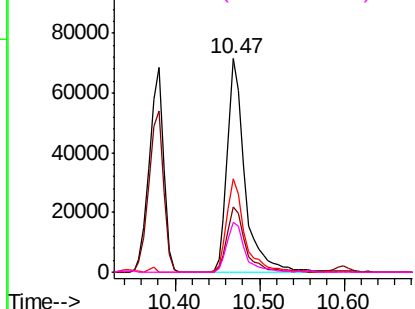
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

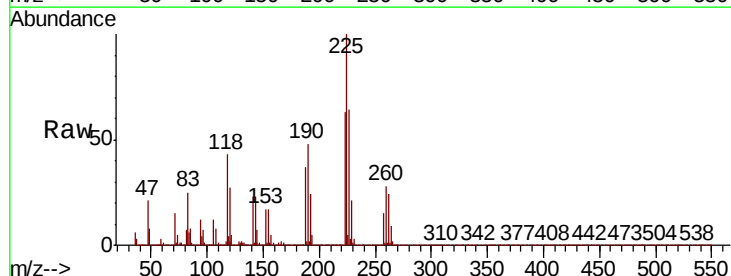
Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0



#34
Hexachlorobutadiene
Concen: 51.343 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion:	225	Resp:	143313
Ion	Ratio	Lower	Upper
225	100		
223	63.3	47.8	71.6
227	64.1	50.0	75.0

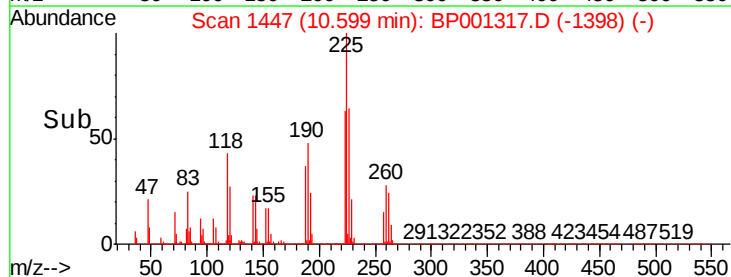
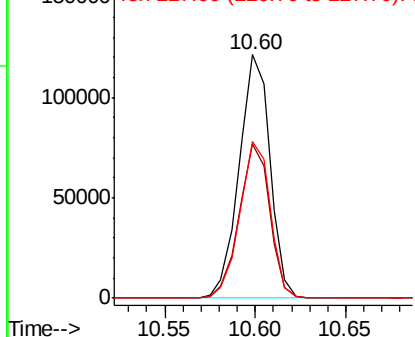


Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 31.561 ng

RT: 11.06 min Scan# 1525

Delta R.T. 0.00 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Instrument :

BNA_P

ClientSampleId :

K072-AA-WC-2MSD

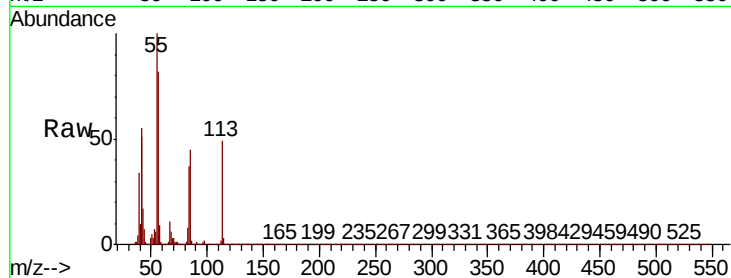
Tot Ion:113 Resp: 41322

Ion Ratio Lower Upper

113 100

55 204.5 185.4 225.4

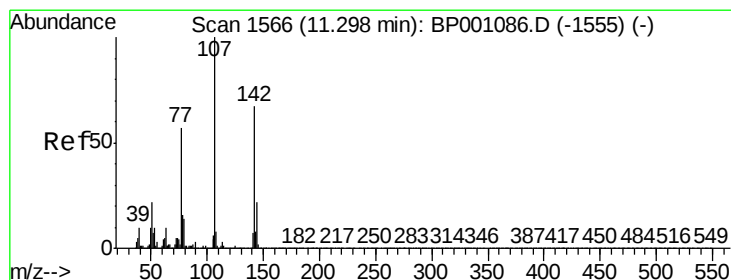
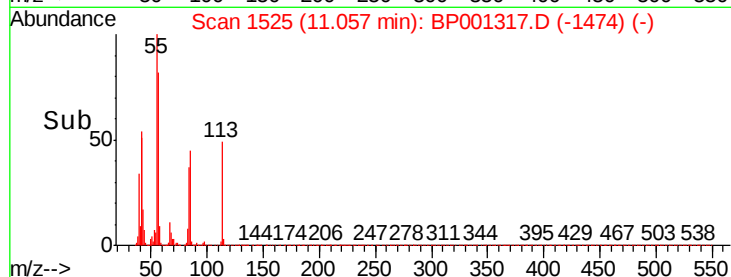
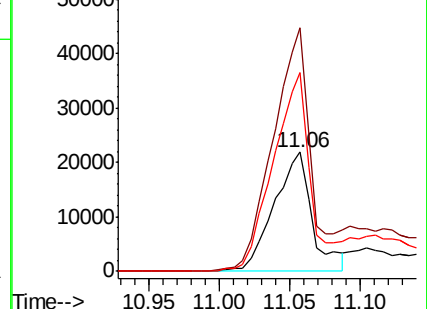
56 167.4 136.9 176.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BP0

Ion 56.00 (55.70 to 56.70): BP0



#36

4-Chloro-3-methylphenol

Concen: 48.969 ng

RT: 11.29 min Scan# 1565

Delta R.T. 0.01 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

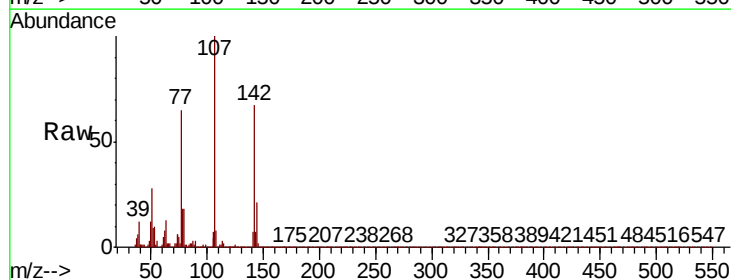
Tgt Ion:107 Resp: 220564

Ion Ratio Lower Upper

107 100

144 21.3 16.8 25.2

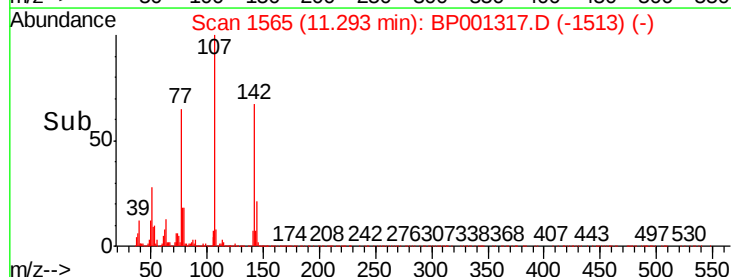
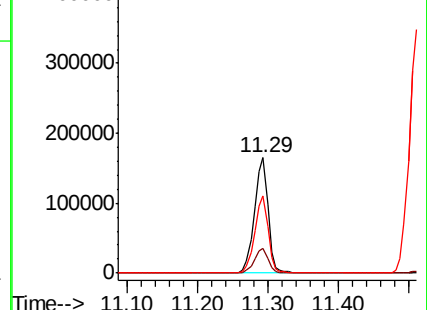
142 67.4 51.8 77.6

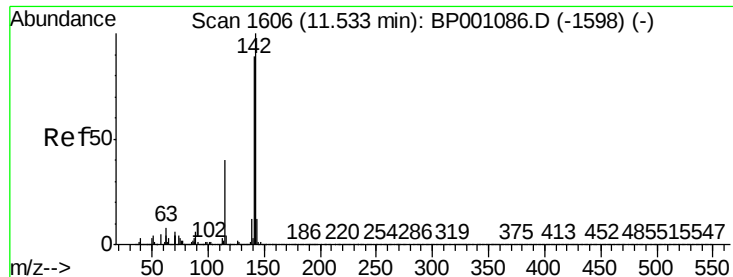


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

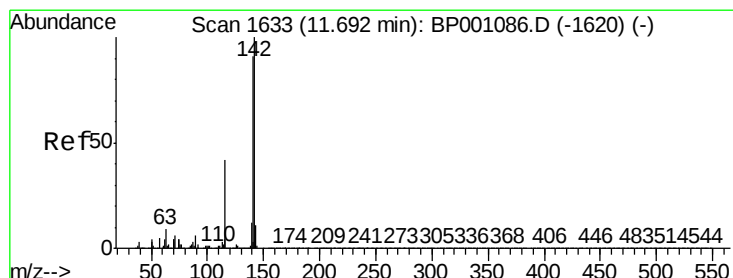
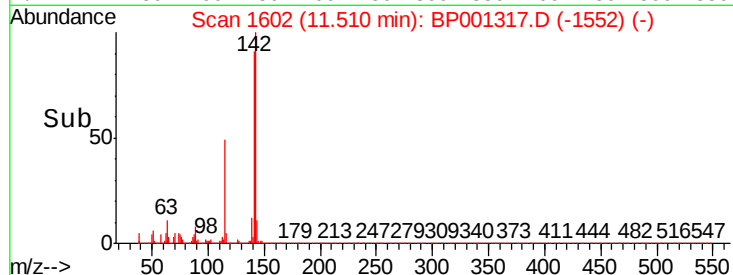
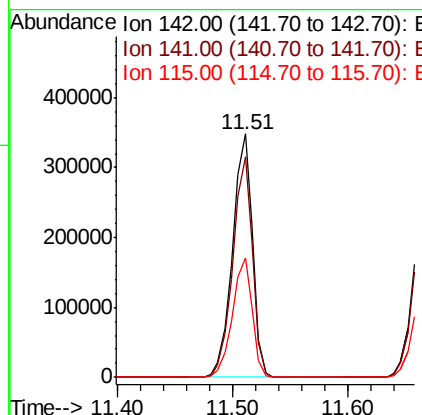
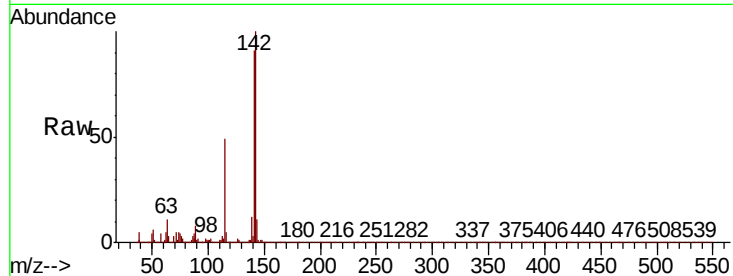




#37
2-Methylnaphthalene
Concen: 47.475 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

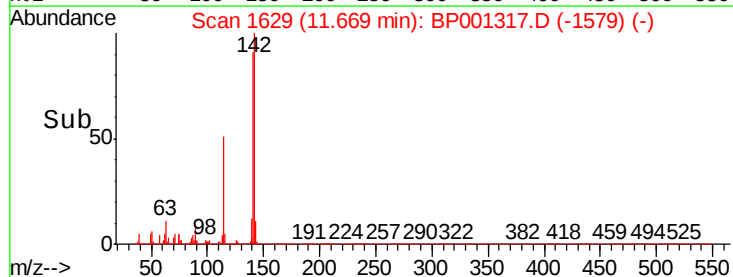
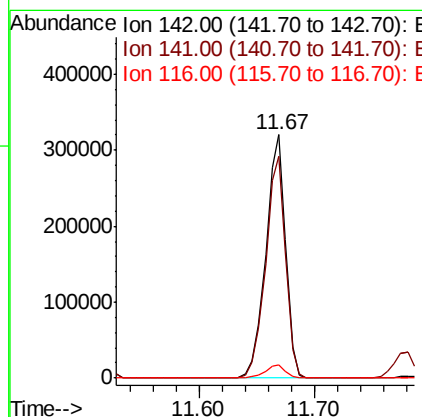
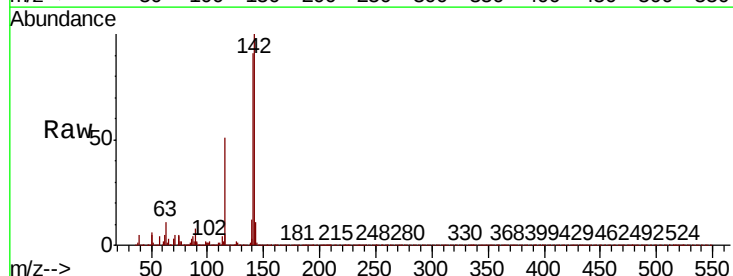
Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

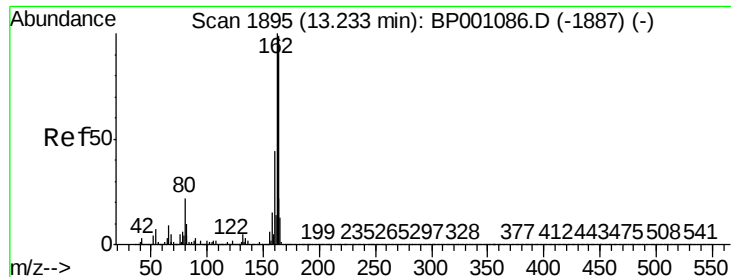
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.6	107.4
115	49.2	36.0	54.0



#38
1-Methylnaphthalene
Concen: 46.454 ng
RT: 11.67 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.7	109.1
116	5.3	3.8	5.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.20 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Instrument :

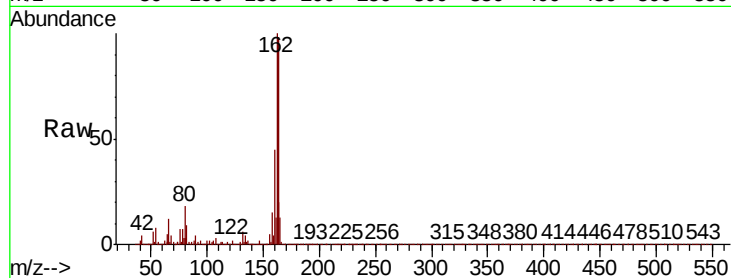
BNA_P

ClientSampleId :

K072-AA-WC-2MSD

Tot Ion:164 Resp: 143666

Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.7	121.1
160	45.6	36.3	54.5

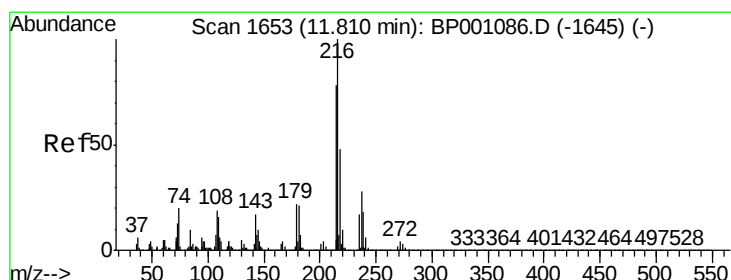
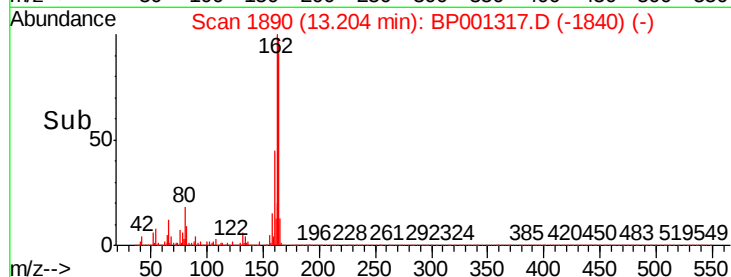
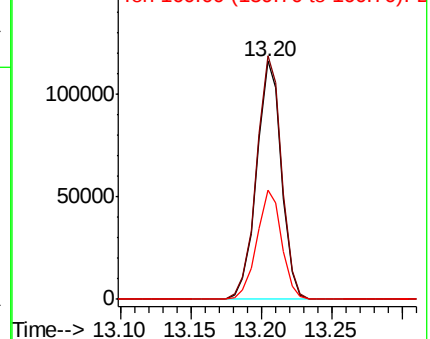


Abundance

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.415 ng

RT: 11.79 min Scan# 1649

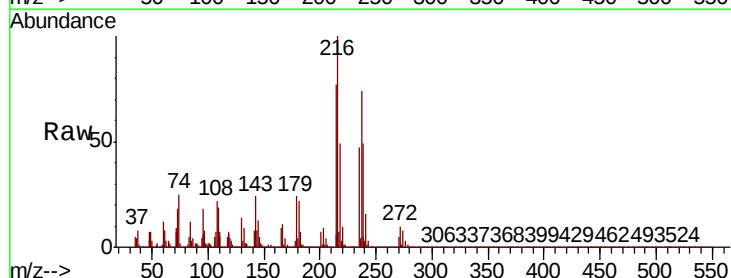
Delta R.T. -0.01 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Tgt Ion:216 Resp: 228255

Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.2	93.2
179	22.7	17.8	26.6
108	26.5	17.6	26.4



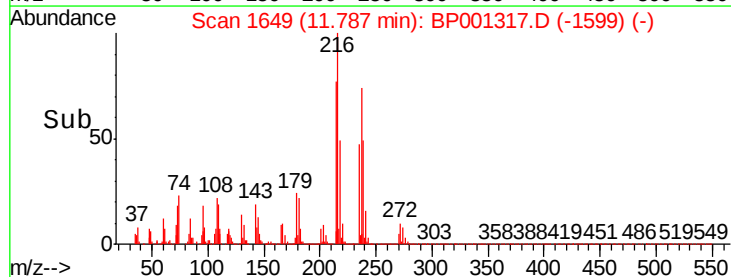
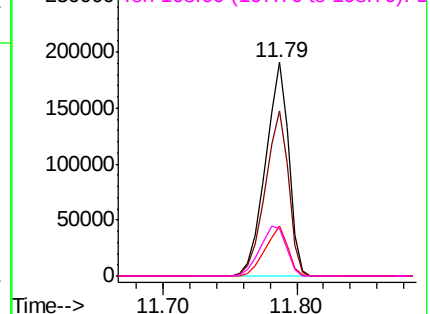
Abundance

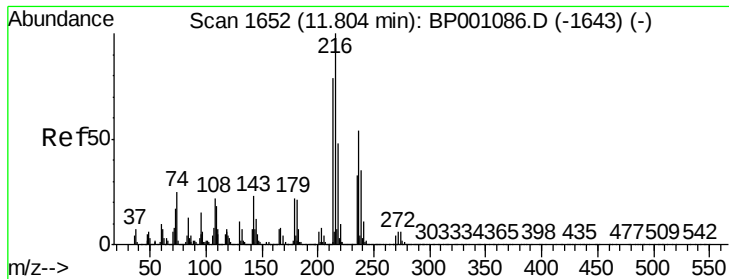
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 141.716 ng

RT: 11.78 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Instrument :

BNA_P

ClientSampleId :

K072-AA-WC-2MSD

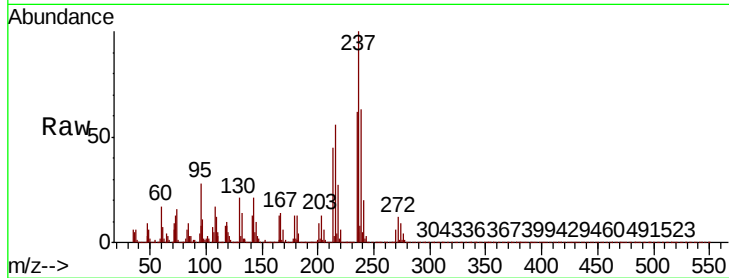
Tot Ion:237 Resp: 296001

Ion Ratio Lower Upper

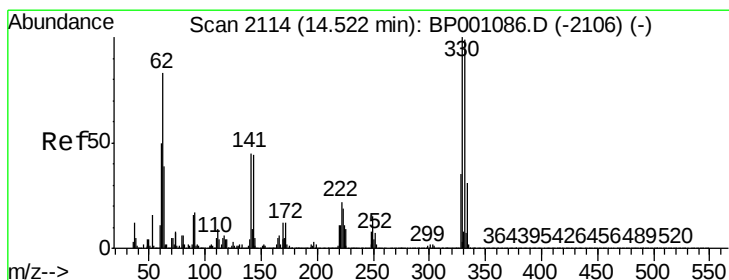
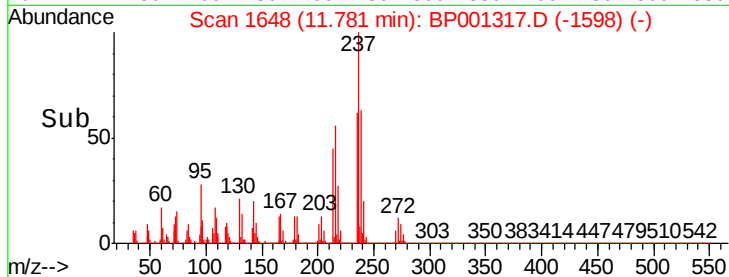
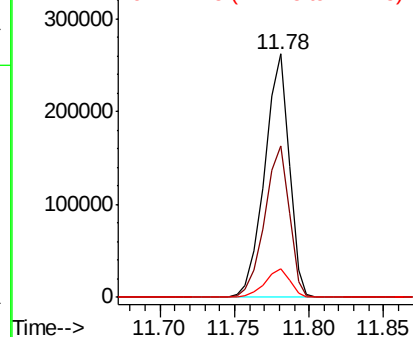
237 100

235 62.5 41.9 81.9

272 11.8 0.0 32.4



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 158.877 ng

RT: 14.50 min Scan# 2111

Delta R.T. 0.00 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

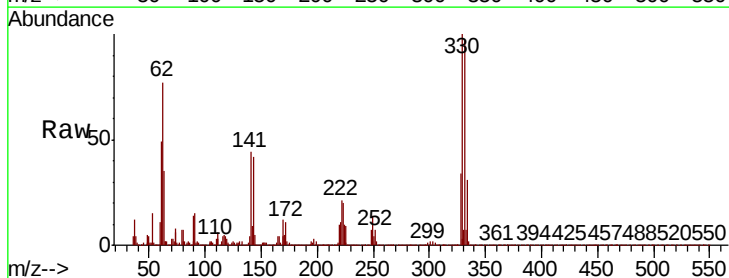
Tgt Ion:330 Resp: 218780

Ion Ratio Lower Upper

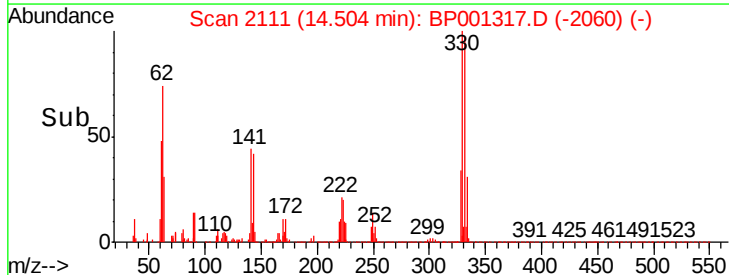
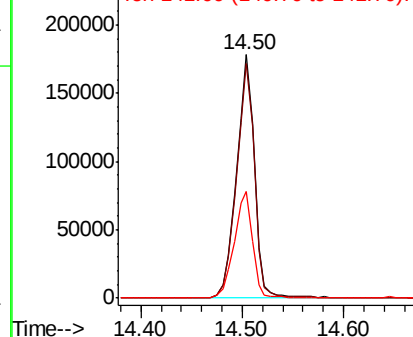
330 100

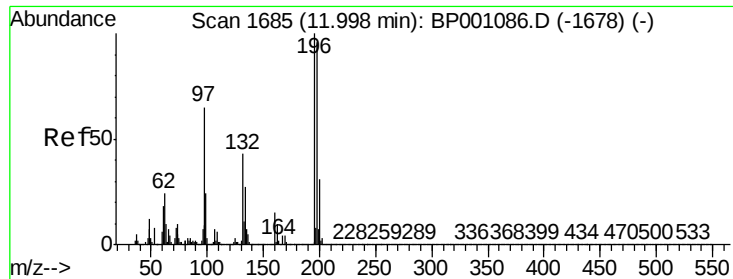
332 96.9 79.1 118.7

141 45.1 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





#43

2,4,6-Trichlorophenol

Concen: 48.876 ng

RT: 11.97 min Scan# 1681

Delta R.T. -0.01 min

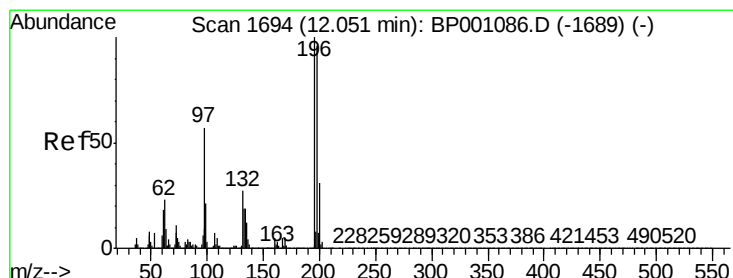
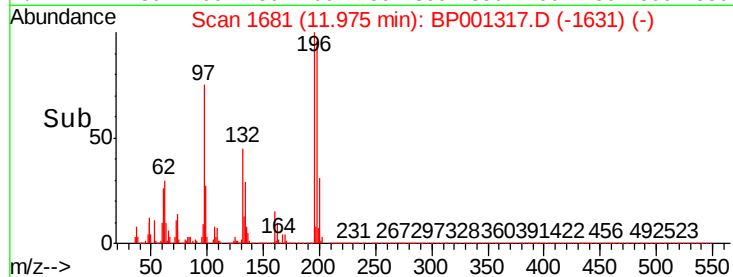
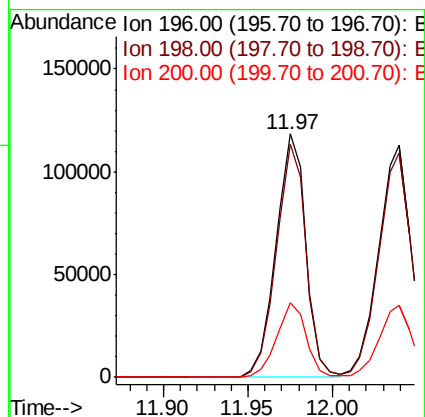
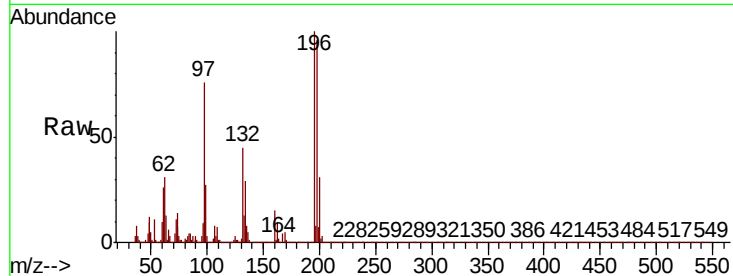
Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

Tot Ion:196 Resp: 144487

Ion	Ratio	Lower	Upper
196	100		
198	96.0	77.4	116.0
200	30.8	25.6	38.4



#44

2,4,5-Trichlorophenol

Concen: 49.812 ng

RT: 12.04 min Scan# 1692

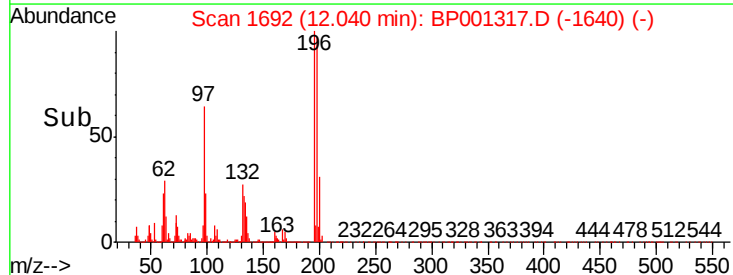
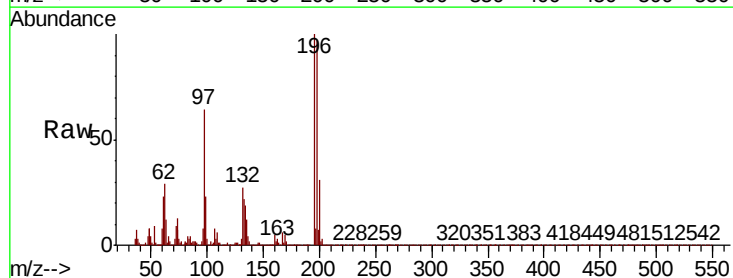
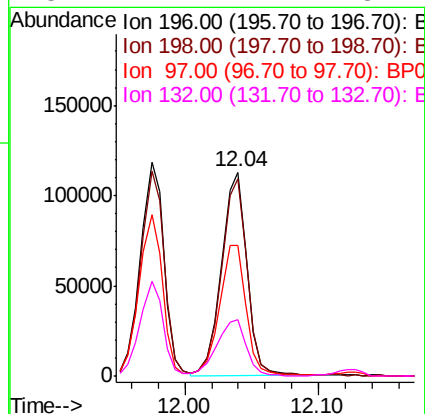
Delta R.T. 0.01 min

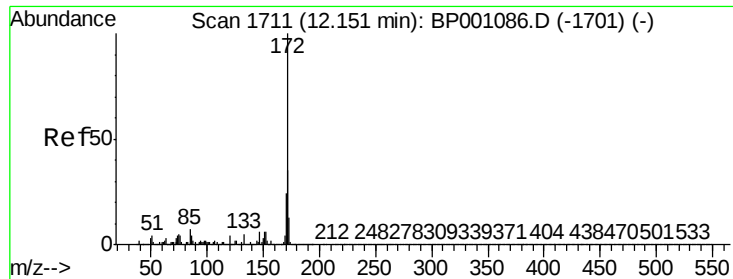
Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Tgt Ion:196 Resp: 152573

Ion	Ratio	Lower	Upper
196	100		
198	96.7	75.7	113.5
97	63.8	51.3	76.9
132	27.4	22.7	34.1

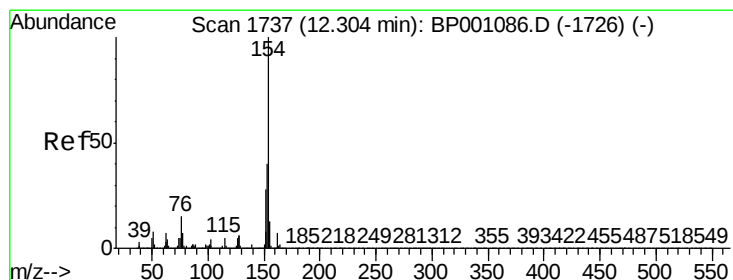
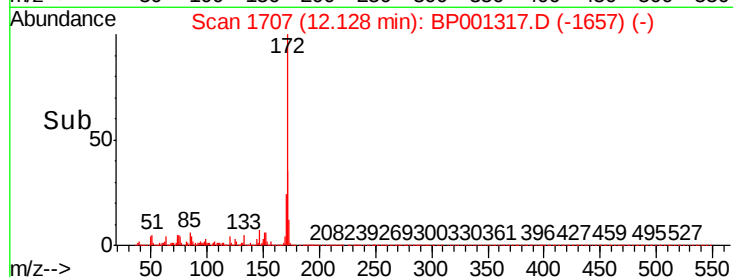
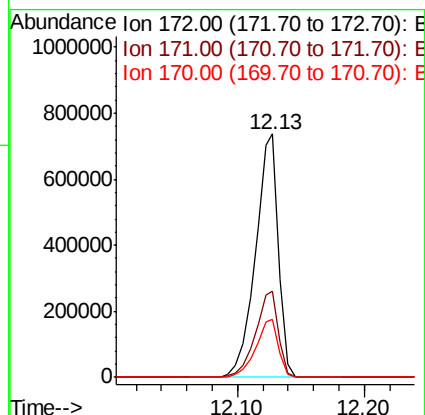
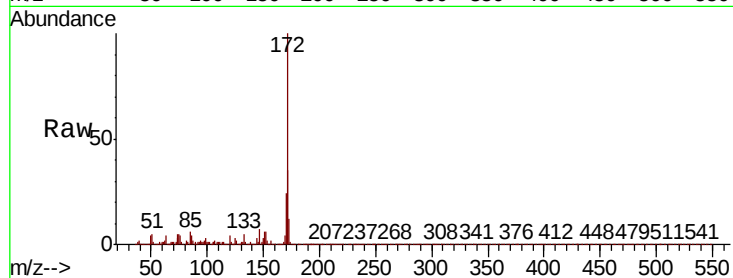




#45
2-Fluorobiphenyl
Concen: 94.428 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

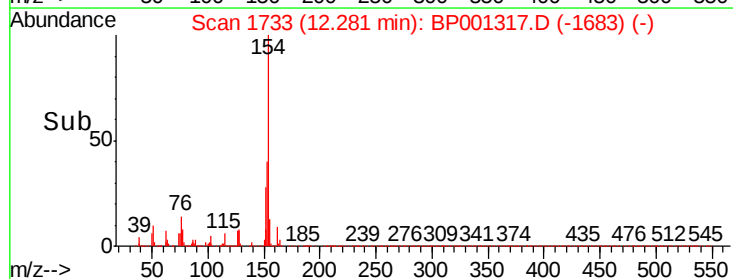
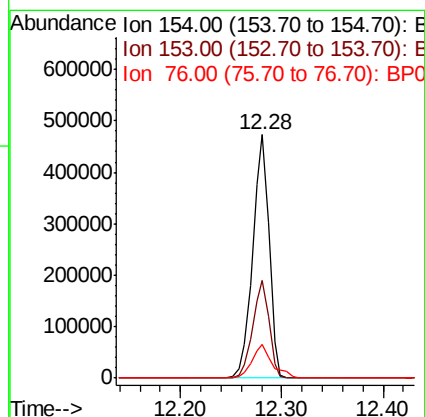
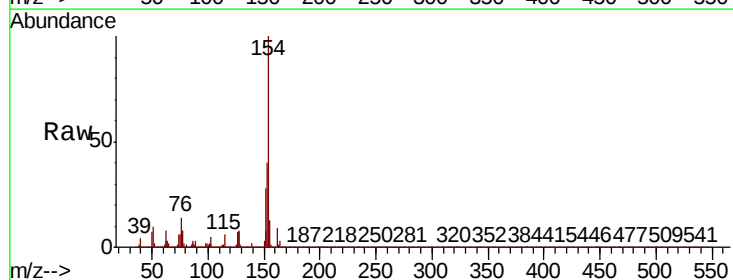
Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

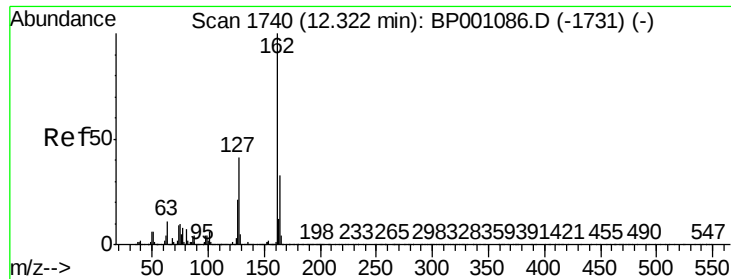
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.7	43.1
170	24.0	19.2	28.8



#46
1,1'-Biphenyl
Concen: 47.632 ng
RT: 12.28 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	19.3	59.3
76	13.6	0.0	34.2

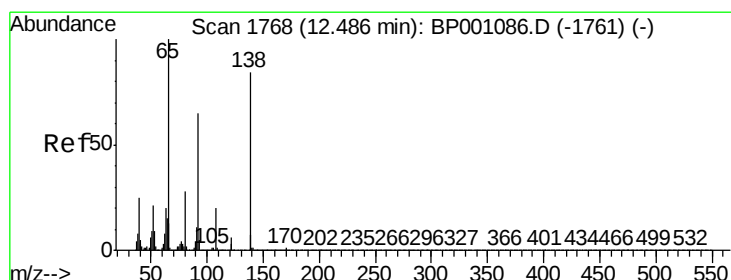
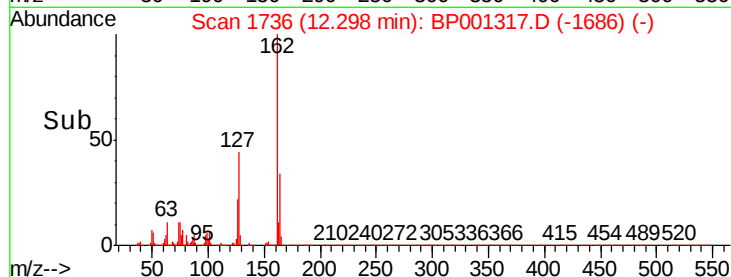
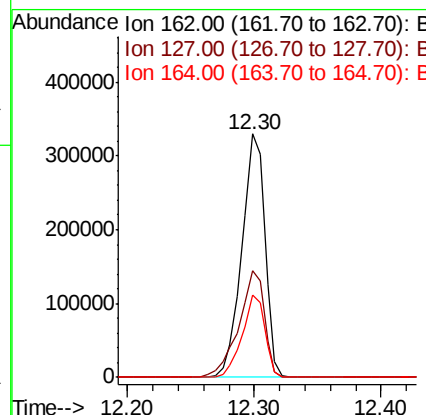
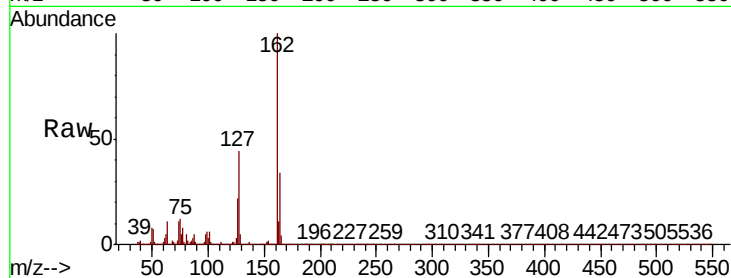




#47
2-Chloronaphthalene
Concen: 46.631 ng
RT: 12.30 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

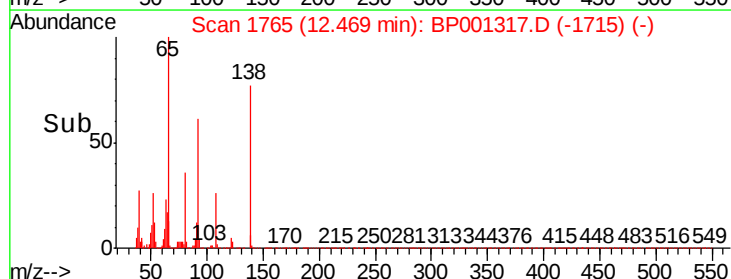
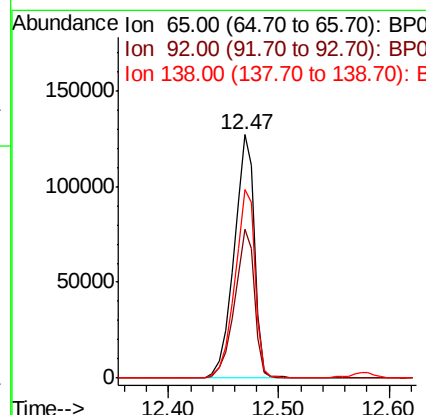
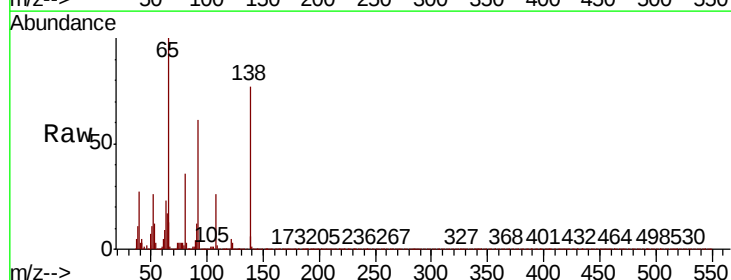
Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

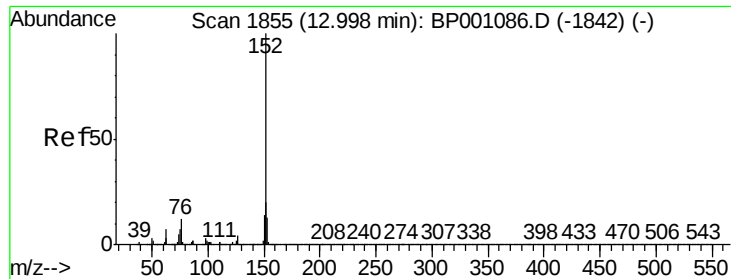
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.6	34.4	51.6
164	33.7	26.2	39.4



#48
2-Nitroaniline
Concen: 47.016 ng
RT: 12.47 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.2	49.4	74.2
138	77.5	64.8	97.2





#49

Acenaphthylene

Concen: 47.929 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Instrument :

BNA_P

ClientSampleId :

K072-AA-WC-2MSD

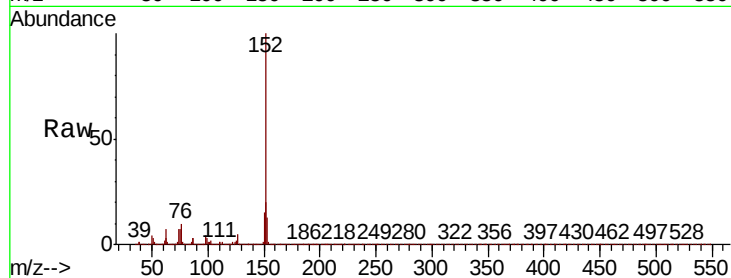
Tot Ion:152 Resp: 637160

Ion Ratio Lower Upper

152 100

151 19.6 16.0 24.0

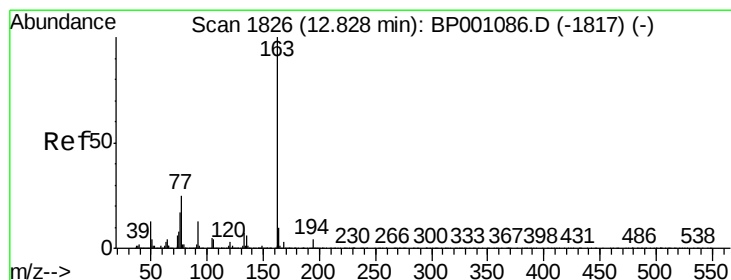
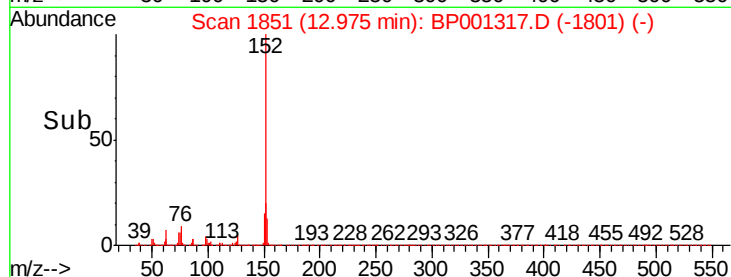
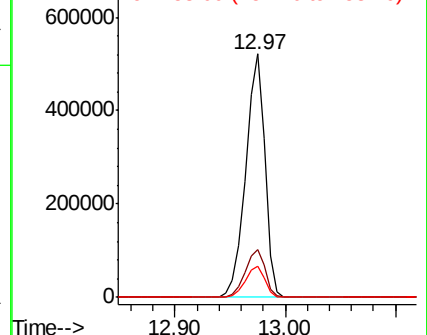
153 12.9 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.648 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

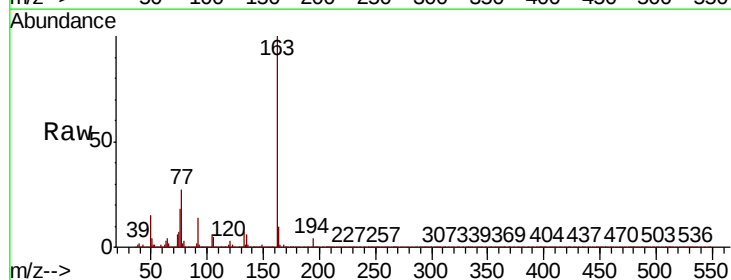
Tgt Ion:163 Resp: 544200

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

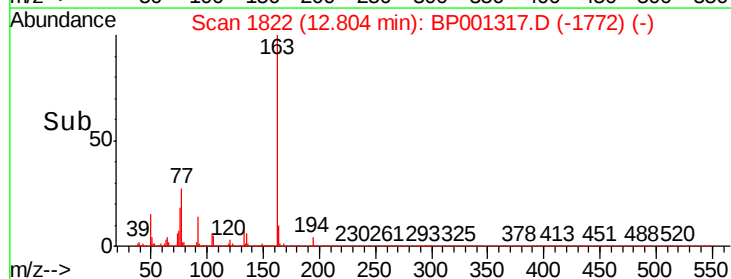
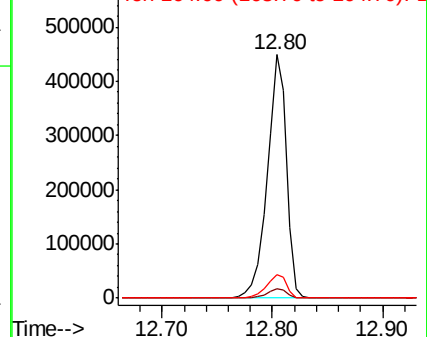
164 9.6 8.2 12.4

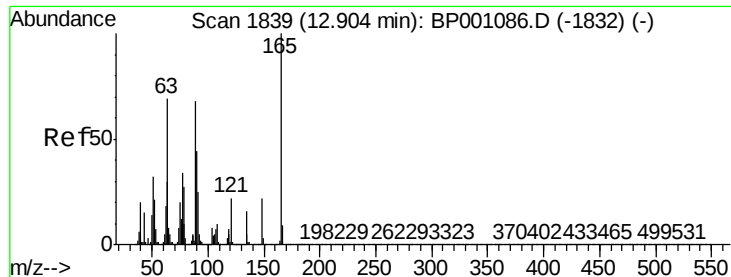


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

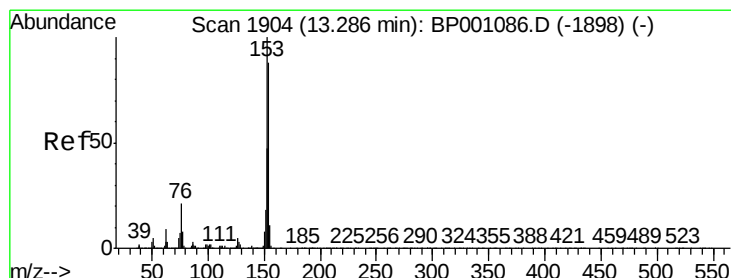
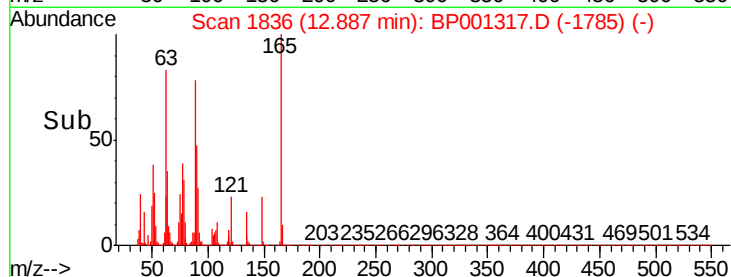
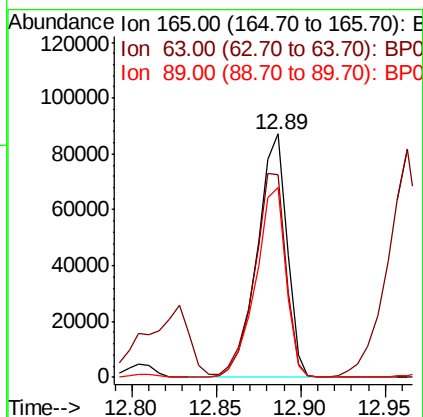
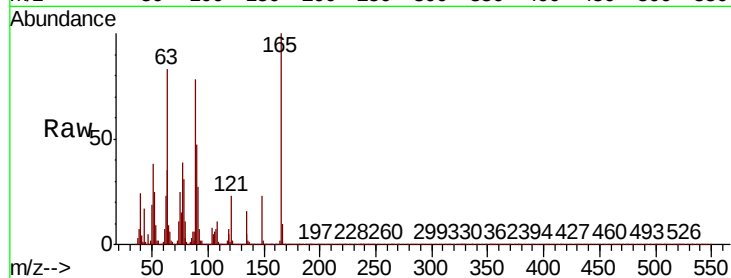




#51
2,6-Dinitrotoluene
Concen: 46.380 ng
RT: 12.89 min Scan# 1836
Delta R.T. 0.00 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

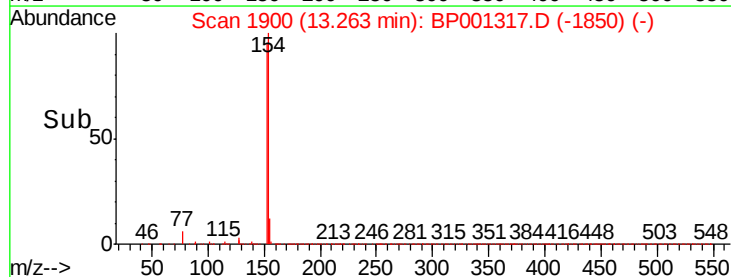
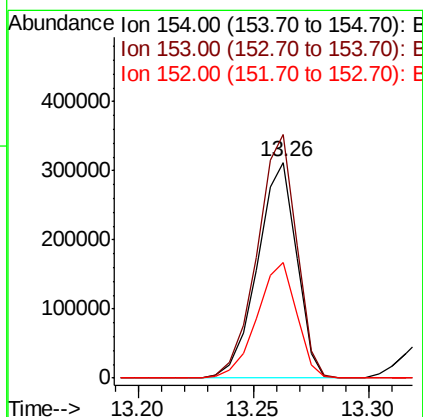
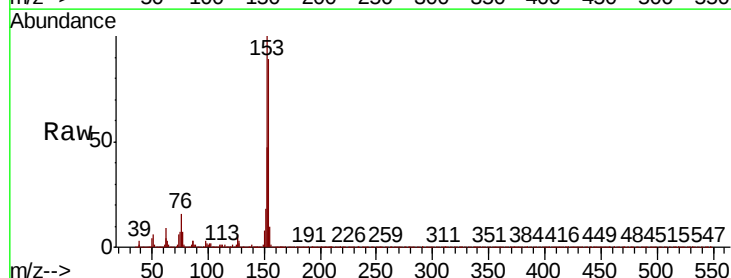
Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

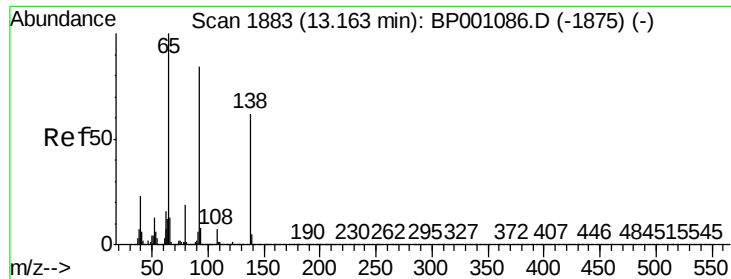
Tot Ion:165 Resp: 106679
Ion Ratio Lower Upper
165 100
63 83.0 64.1 96.1
89 78.2 61.8 92.6



#52
Acenaphthene
Concen: 46.265 ng
RT: 13.26 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion:154 Resp: 369966
Ion Ratio Lower Upper
154 100
153 113.0 90.3 135.5
152 53.5 42.9 64.3

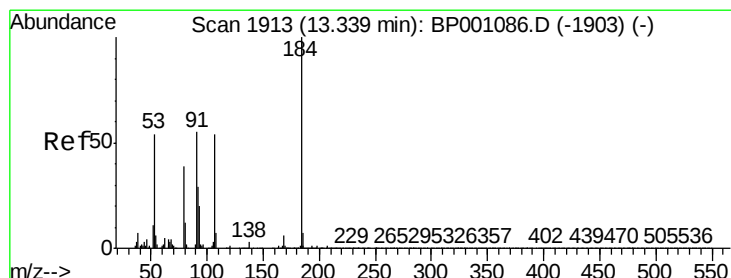
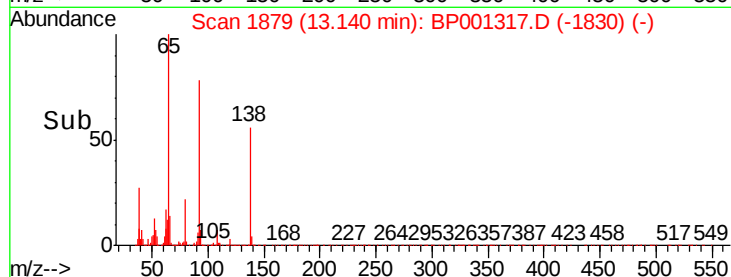
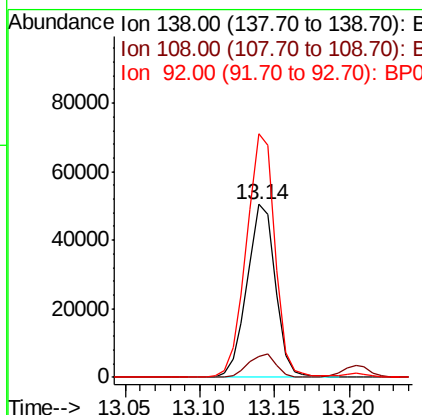
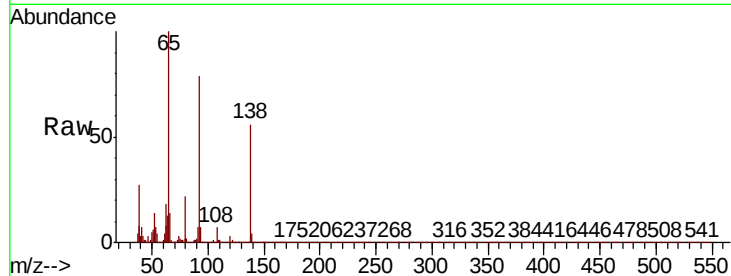




#53
3-Nitroaniline
Concen: 25.585 ng
RT: 13.14 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

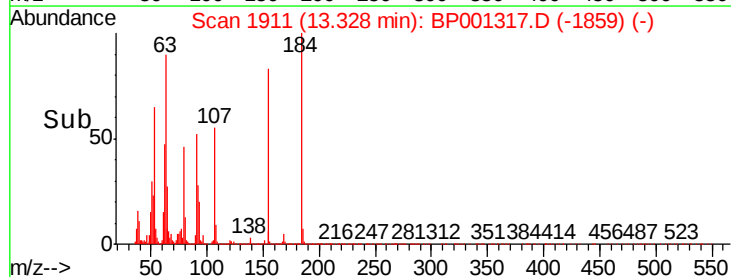
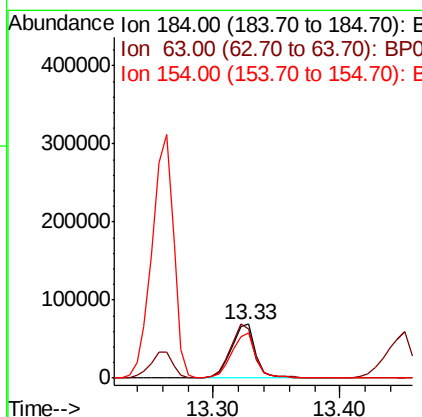
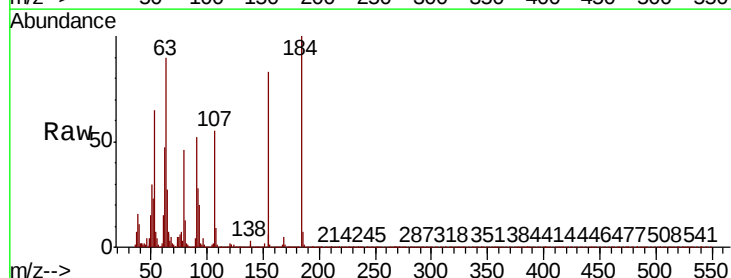
Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

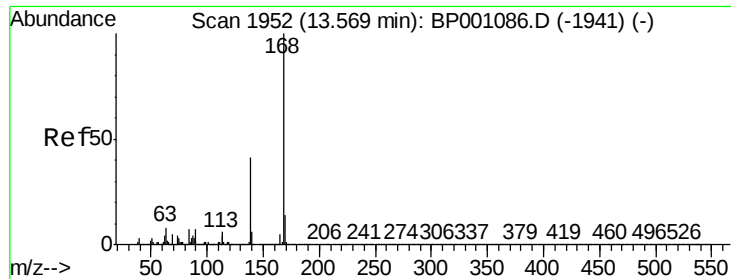
Tot Ion:138 Resp: 66105
Ion Ratio Lower Upper
138 100
108 12.0 10.1 15.1
92 141.0 113.1 169.7



#54
2,4-Dinitrophenol
Concen: 94.814 ng
RT: 13.33 min Scan# 1911
Delta R.T. 0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion:184 Resp: 90436
Ion Ratio Lower Upper
184 100
63 90.0 69.4 104.0
154 83.4 57.4 86.2

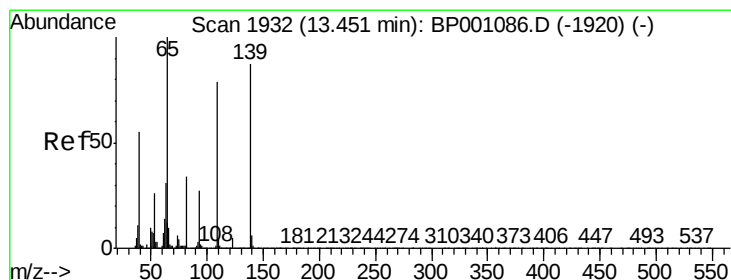
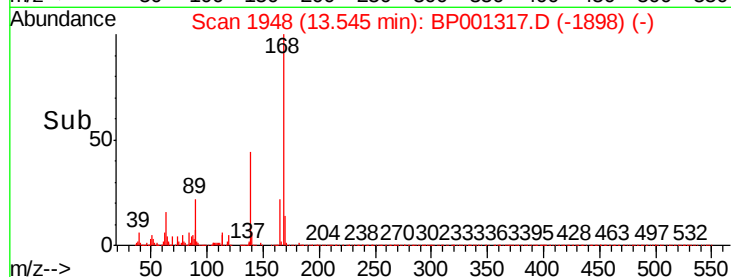
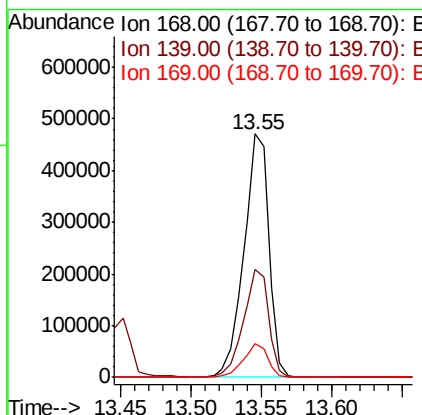
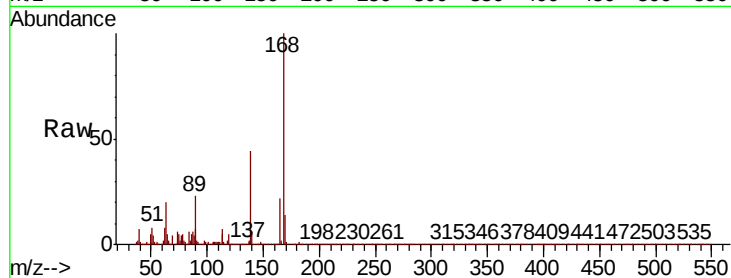




#55
Dibenzenofuran
Concen: 48.472 ng
RT: 13.55 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

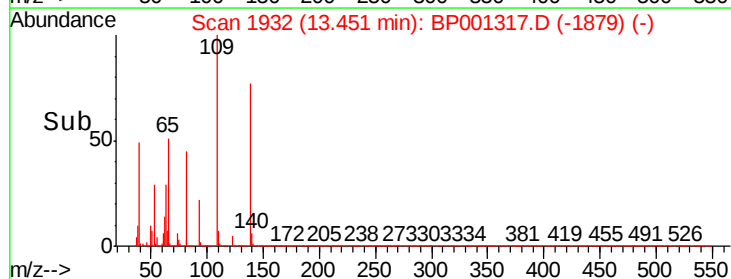
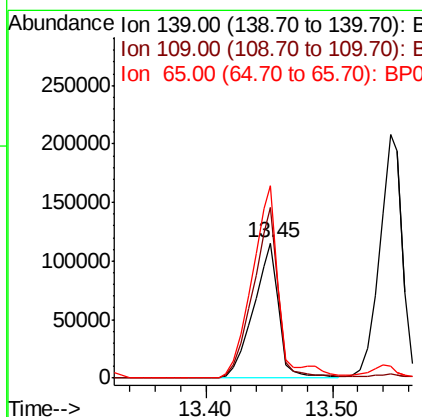
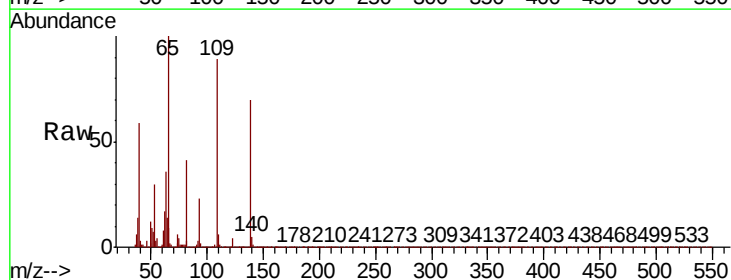
Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

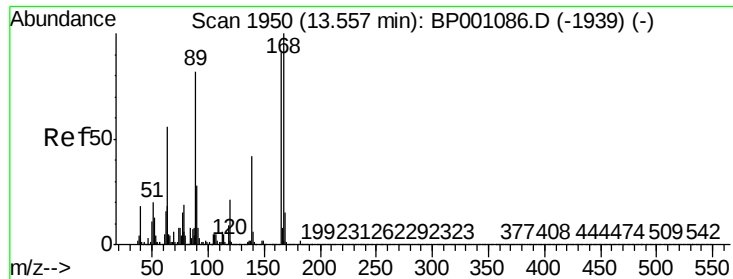
Tot Ion:168 Resp: 582469
Ion Ratio Lower Upper
168 100
139 44.2 34.5 51.7
169 13.6 10.8 16.2



#56
4-Nitrophenol
Concen: 88.110 ng
RT: 13.45 min Scan# 1932
Delta R.T. 0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion:139 Resp: 161319
Ion Ratio Lower Upper
139 100
109 126.5 87.8 127.8
65 142.0 111.9 151.9

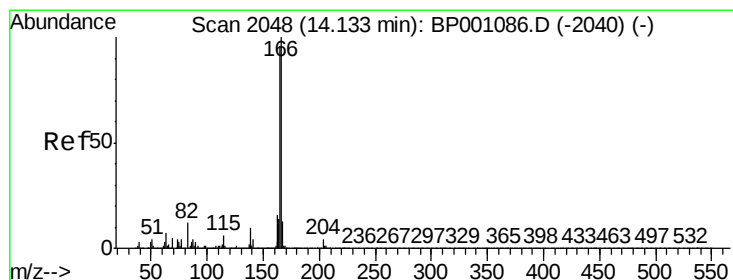
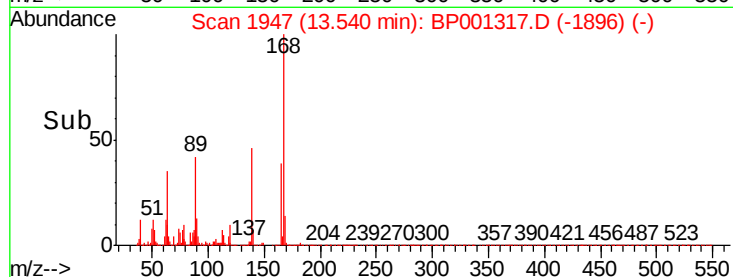
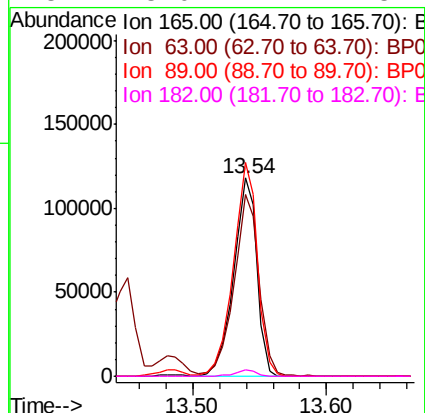
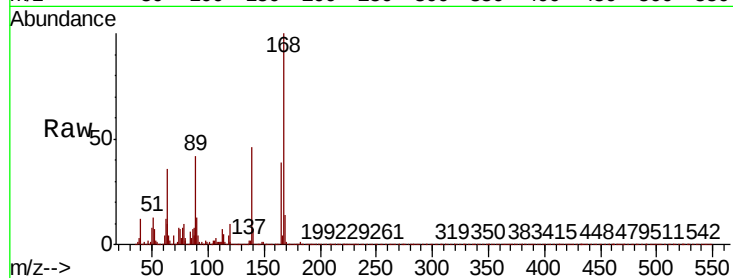




#57
2,4-Dinitrotoluene
Concen: 50.026 ng
RT: 13.54 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

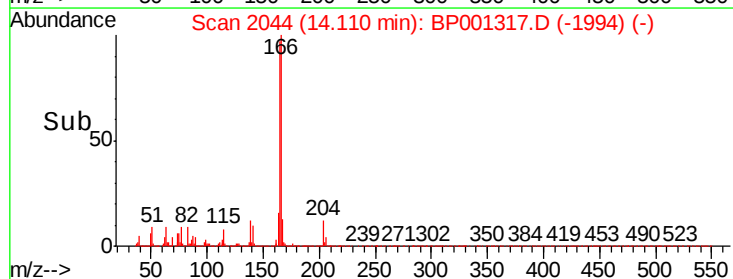
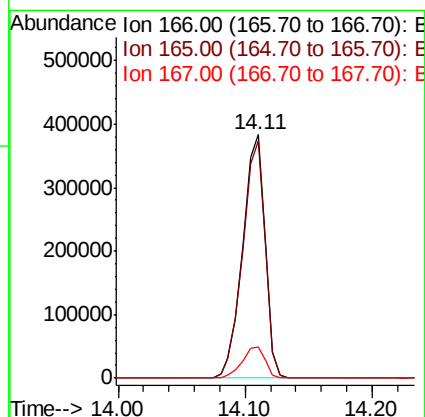
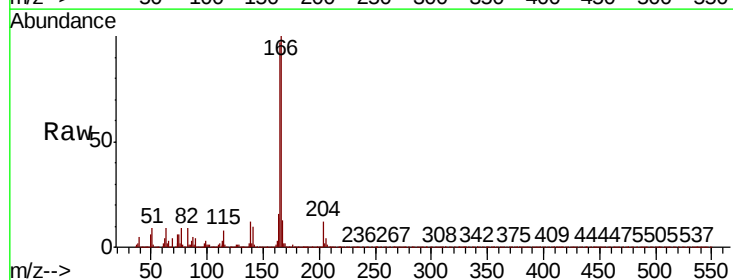
Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

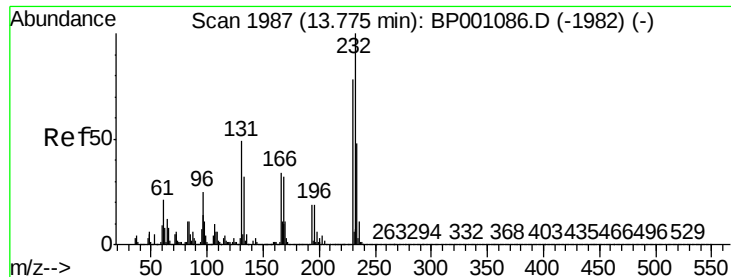
Tot Ion:165 Resp: 144229
Ion Ratio Lower Upper
165 100
63 91.8 58.3 87.5#
89 107.9 79.8 119.8
182 3.0 2.2 3.2



#58
Fluorene
Concen: 48.413 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion:166 Resp: 466163
Ion Ratio Lower Upper
166 100
165 97.3 77.8 116.8
167 13.0 10.5 15.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 50.405 ng

RT: 13.75 min Scan# 1983

Delta R.T. -0.01 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Instrument :

BNA_P

ClientSampleId :

K072-AA-WC-2MSD

Tot Ion:232 Resp: 126911

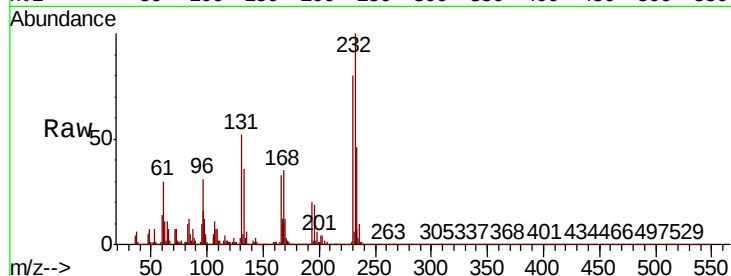
Ion Ratio Lower Upper

232 100

131 52.2 41.4 62.0

130 3.3 2.2 3.4

166 32.8 26.5 39.7

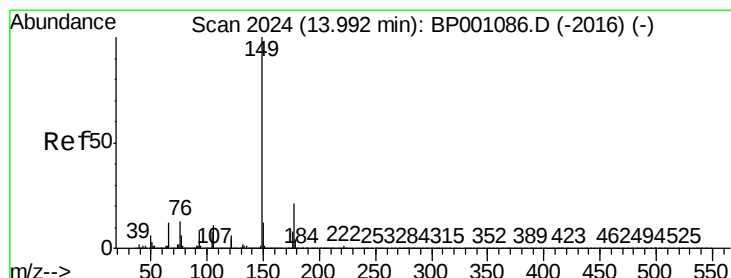
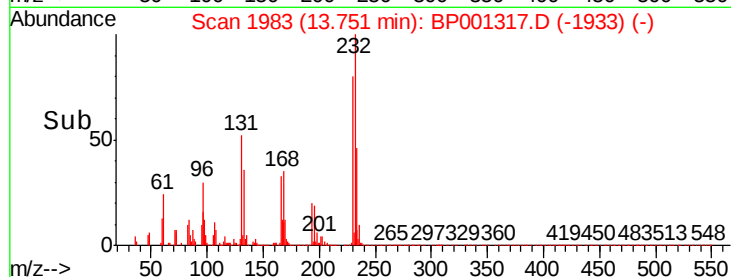
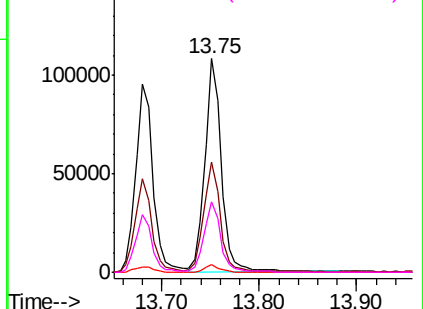


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 46.171 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

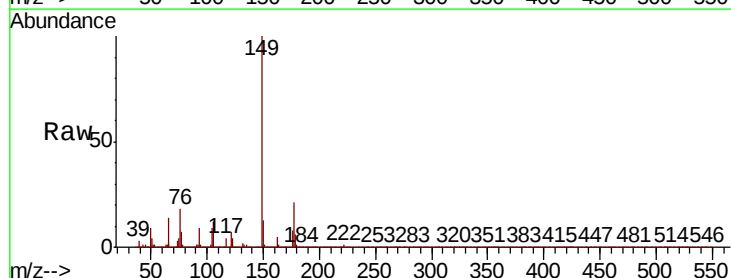
Tgt Ion:149 Resp: 513681

Ion Ratio Lower Upper

149 100

177 20.9 17.0 25.4

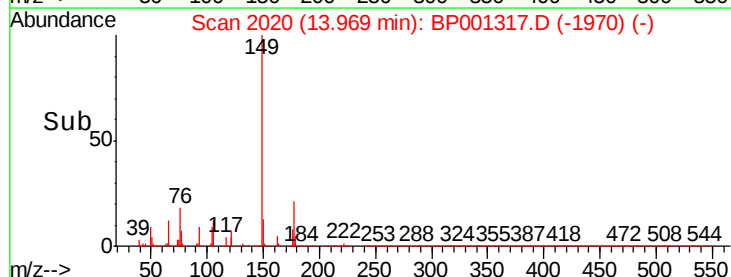
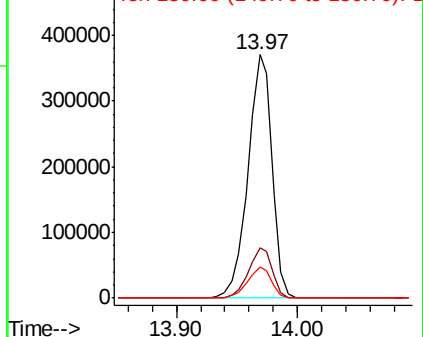
150 12.8 10.2 15.2

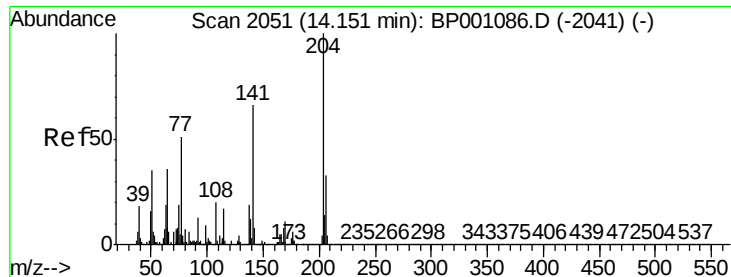


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

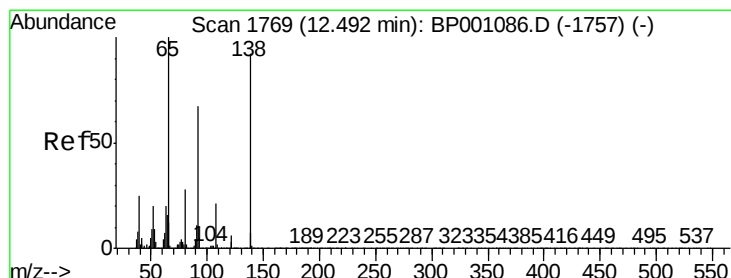
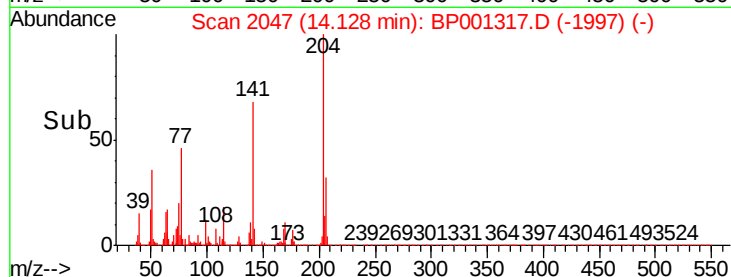
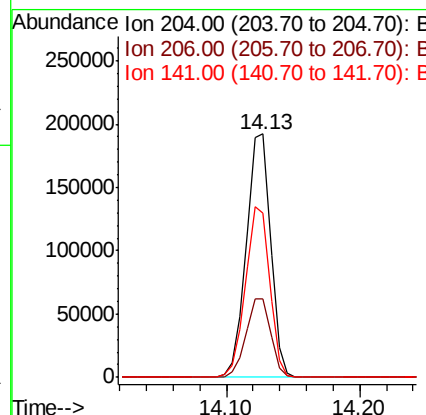
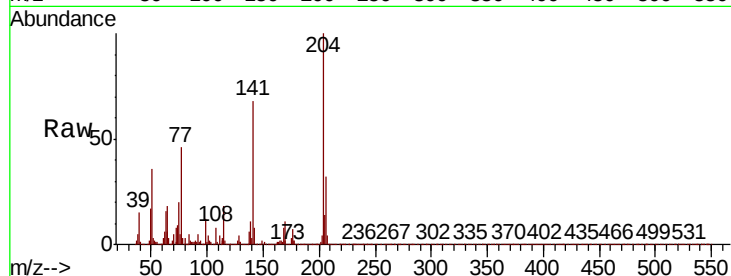




#61
4-Chlorophenyl-phenylether
Concen: 49.132 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

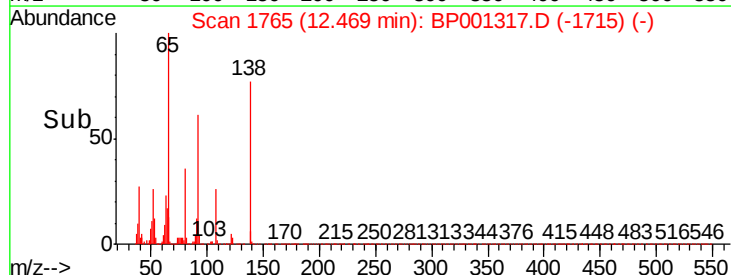
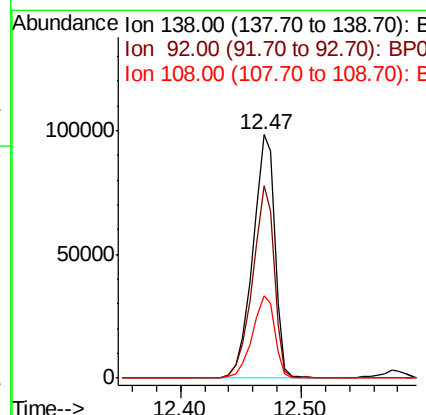
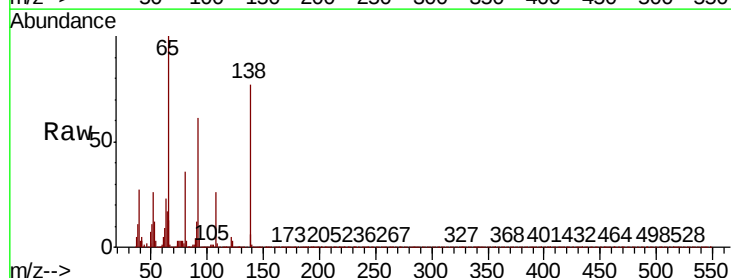
Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

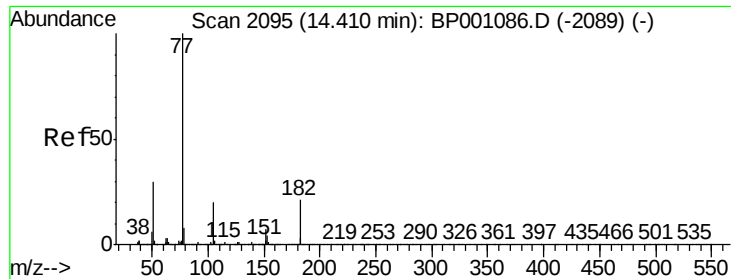
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.2	39.2
141	67.5	54.9	82.3



#62
4-Nitroaniline
Concen: 42.160 ng
RT: 12.47 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion	Ratio	Lower	Upper
138	100		
92	79.0	56.3	96.3
108	33.7	8.3	48.3

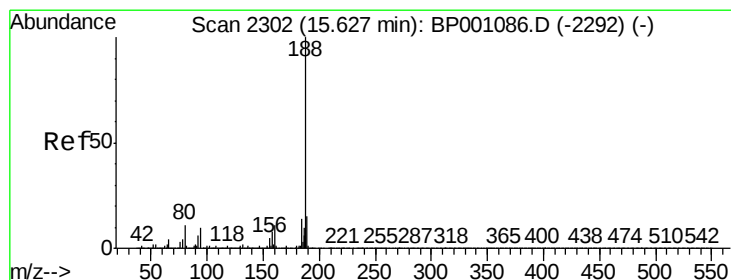
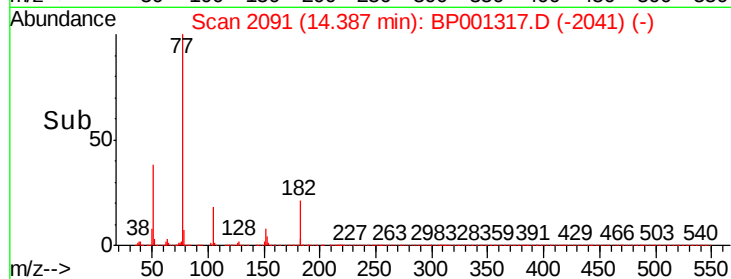
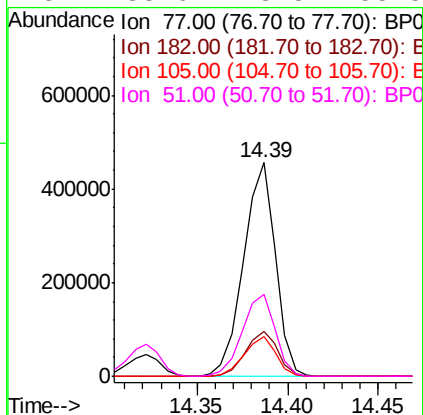
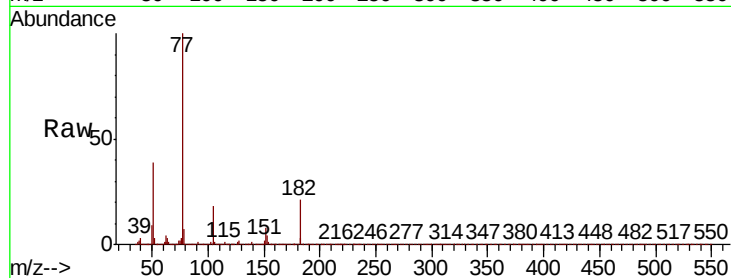




#63
Azobenzene
Concen: 46.301 ng
RT: 14.39 min Scan# 2091
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

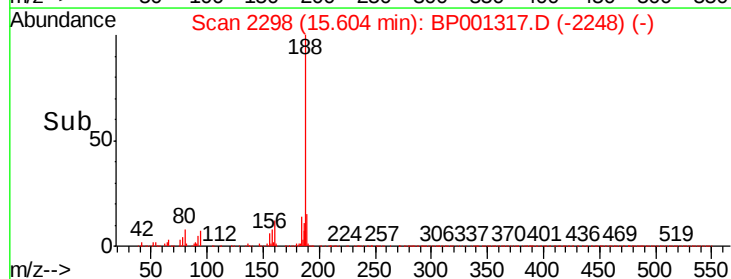
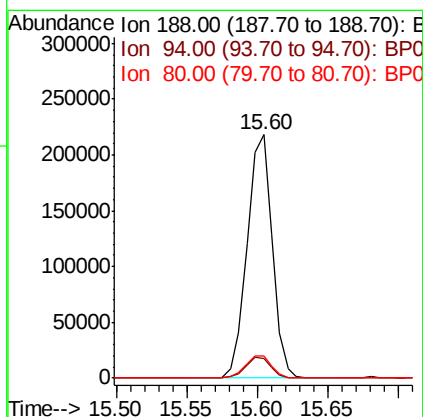
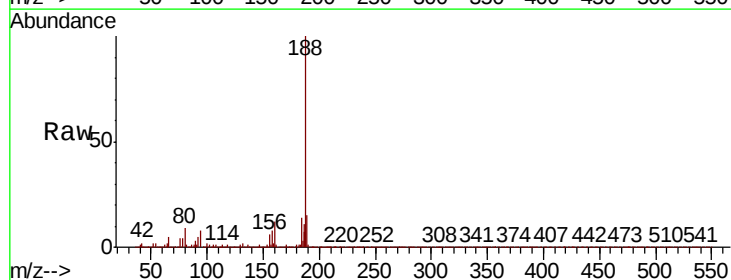
Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

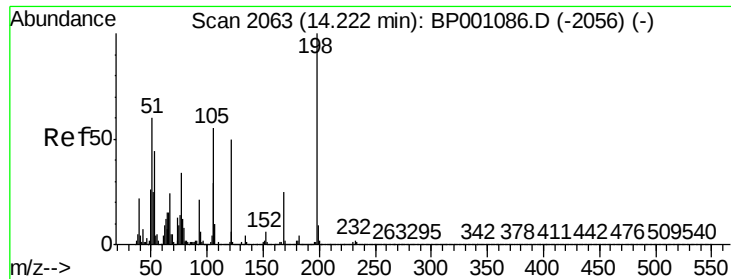
Tot Ion:	77	Resp:	556808
Ion	Ratio	Lower	Upper
77	100		
182	21.3	1.1	41.1
105	18.4	0.0	39.5
51	38.6	13.5	53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion:	188	Resp:	272608
Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.1	10.7
80	8.9	7.8	11.6





#65

4,6-Dinitro-2-methylphenol

Concen: 53.064 ng

RT: 14.21 min Scan# 2061

Delta R.T. 0.00 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Instrument :

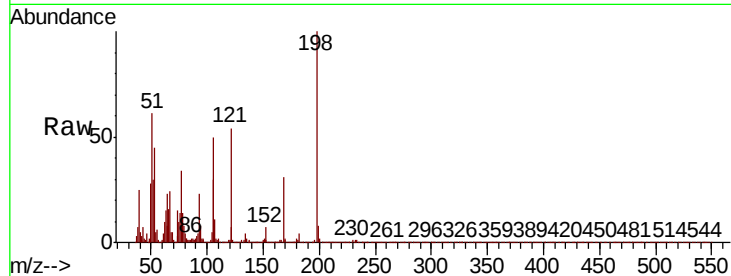
BNA_P

ClientSampleId :

K072-AA-WC-2MSD

Tot Ion:198 Resp: 62931

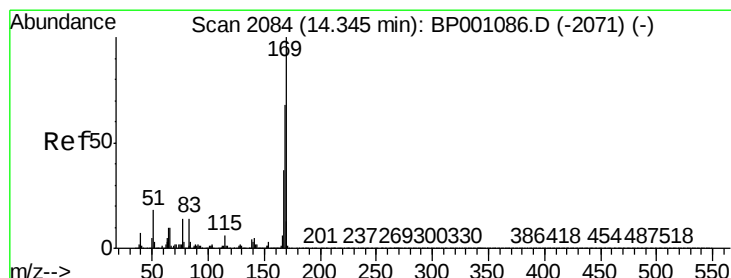
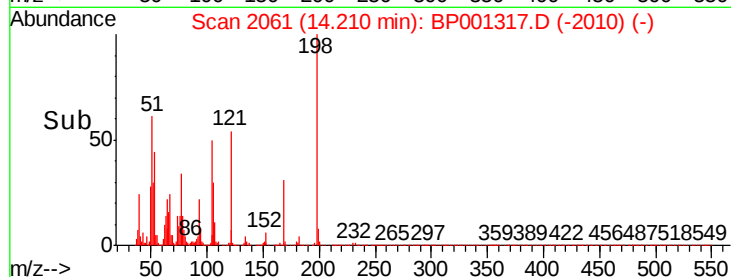
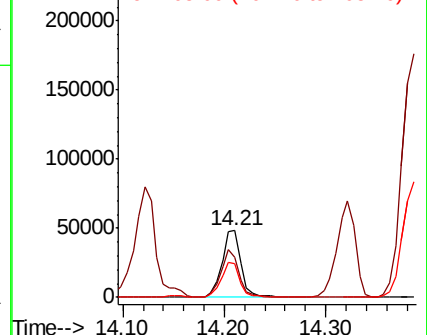
Ion	Ratio	Lower	Upper
198	100		
51	61.1	36.2	76.2
105	49.8	30.2	70.2



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



#66

n-Nitrosodiphenylamine

Concen: 47.782 ng

RT: 14.32 min Scan# 2080

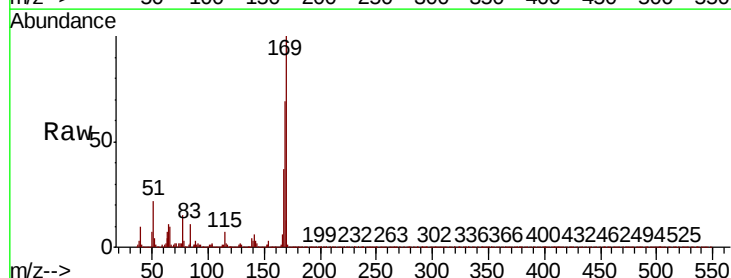
Delta R.T. -0.01 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Tgt Ion:169 Resp: 395784

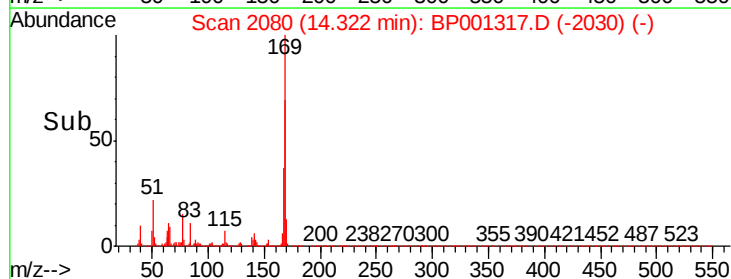
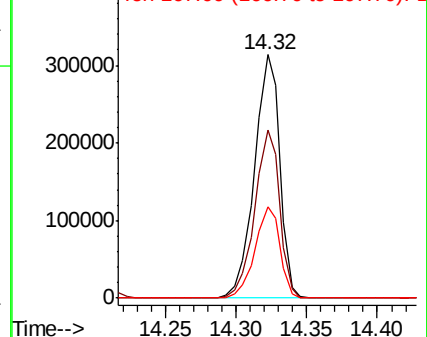
Ion	Ratio	Lower	Upper
169	100		
168	69.1	53.7	80.5
167	37.3	29.1	43.7

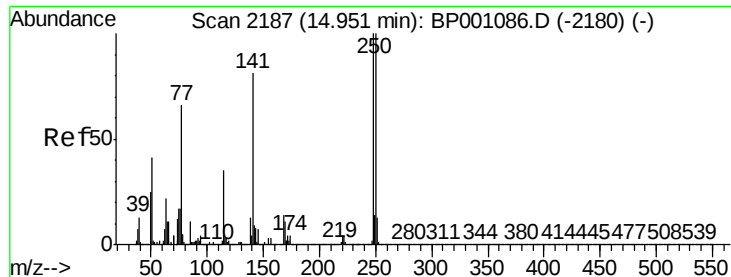


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

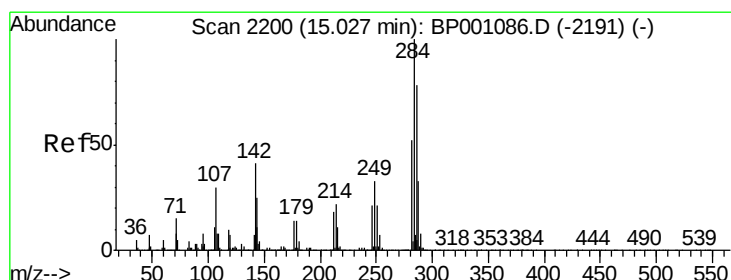
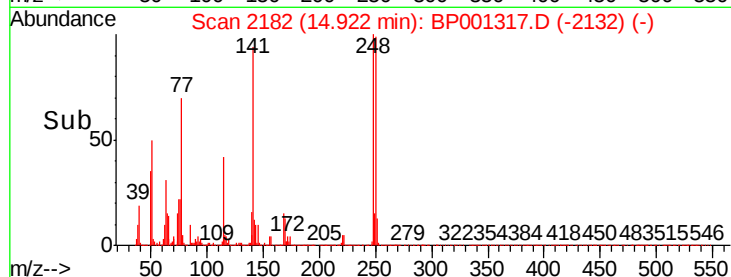
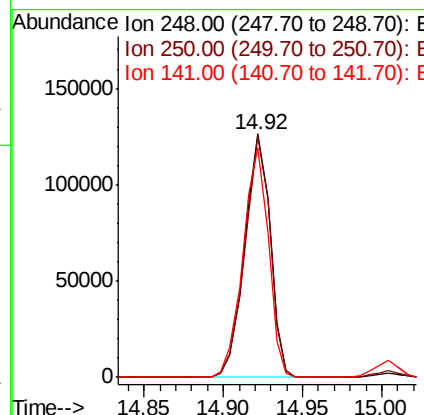
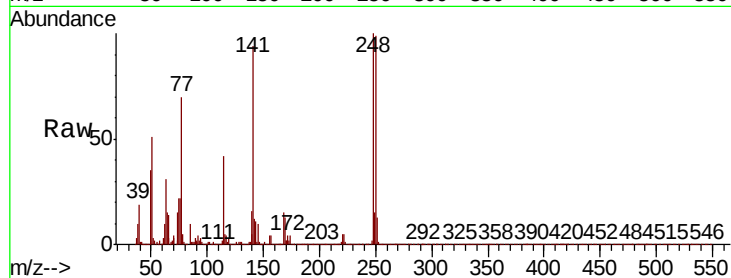




#67
4-Bromophenyl-phenylether
Concen: 47.696 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

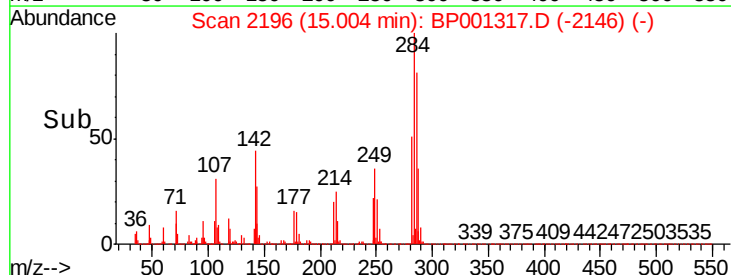
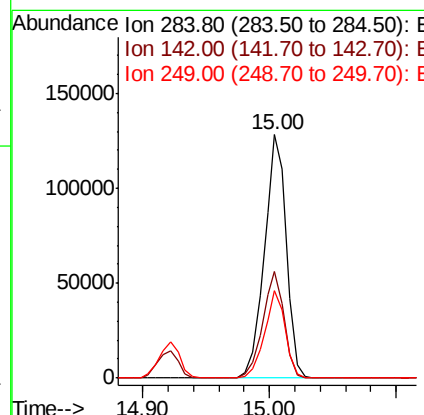
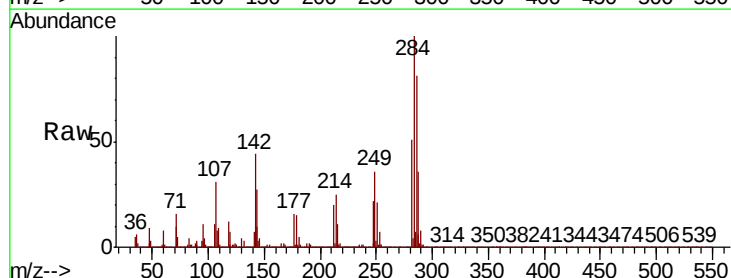
Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

Tot Ion:248 Resp: 141161
Ion Ratio Lower Upper
248 100
250 98.8 77.6 116.4
141 94.0 74.6 111.8



#68
Hexachlorobenzene
Concen: 47.302 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion:284 Resp: 153910
Ion Ratio Lower Upper
284 100
142 44.0 35.0 52.6
249 35.8 27.6 41.4





#69

Atrazine

Concen: 50.147 ng

RT: 15.21 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Instrument :

BNA_P

ClientSampleId :

K072-AA-WC-2MSD

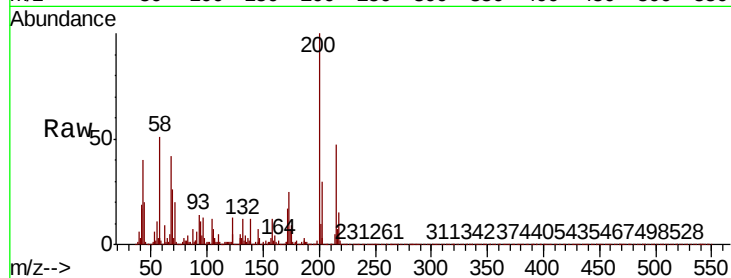
Tot Ion:200 Resp: 126825

Ion Ratio Lower Upper

200 100

173 25.1 6.4 46.4

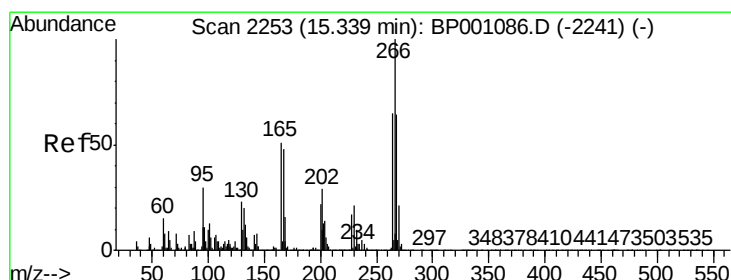
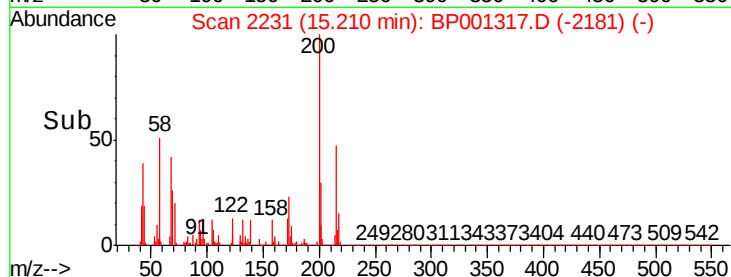
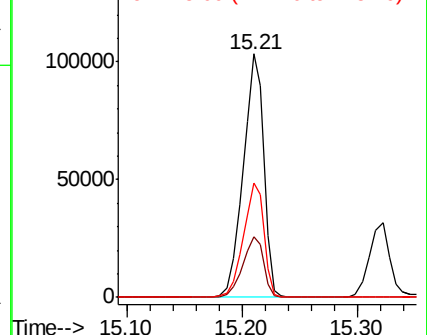
215 46.8 27.7 67.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 107.005 ng

RT: 15.32 min Scan# 2250

Delta R.T. 0.00 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

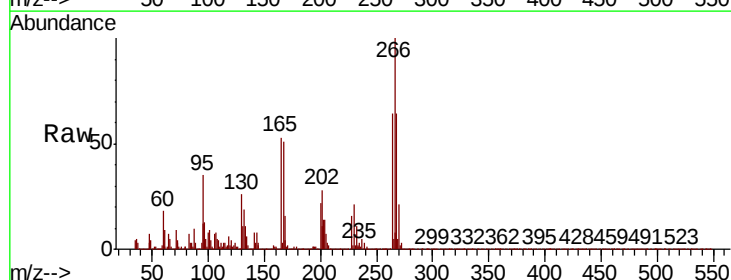
Tgt Ion:266 Resp: 181463

Ion Ratio Lower Upper

266 100

268 64.3 50.6 76.0

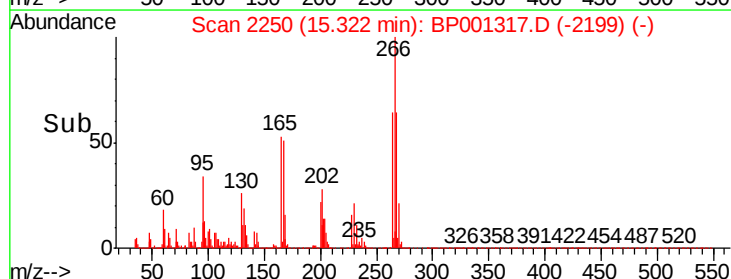
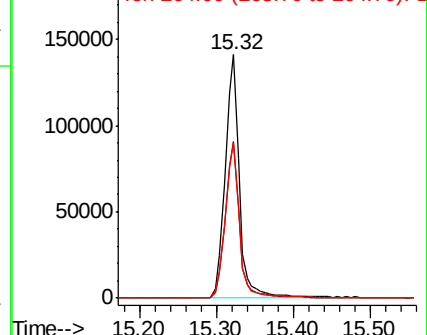
264 63.8 49.9 74.9



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

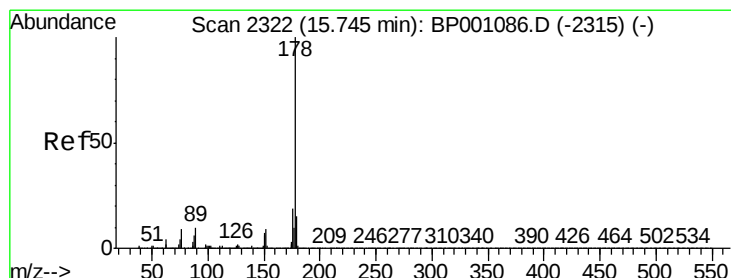
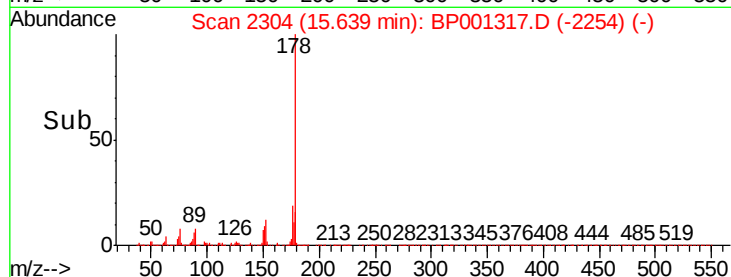
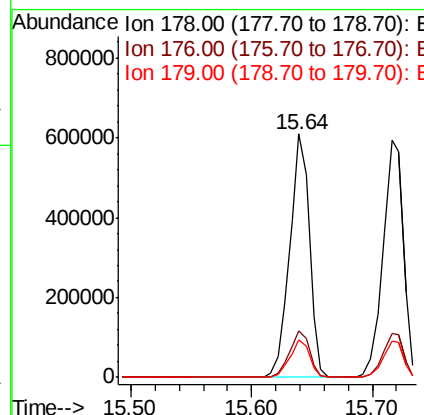
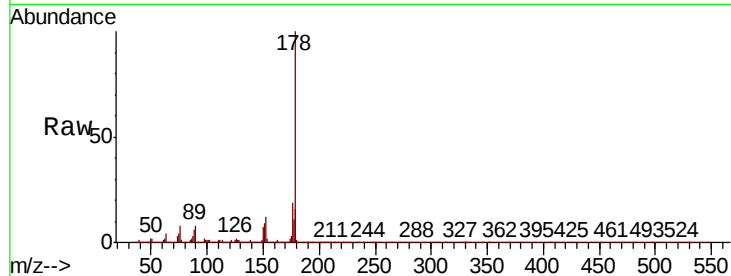




#71
Phenanthrene
Concen: 47.616 ng
RT: 15.64 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

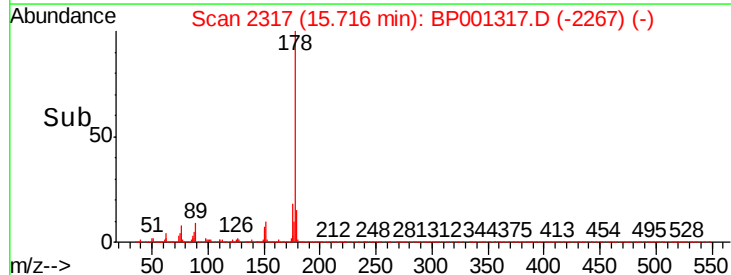
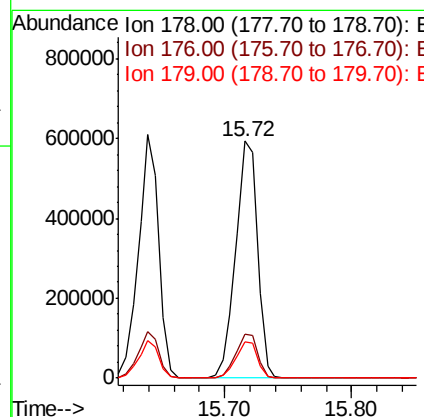
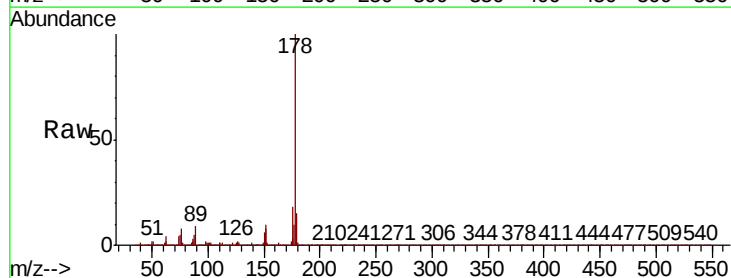
Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

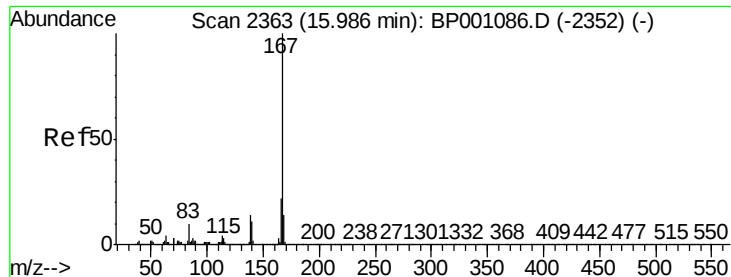
Tot Ion:178 Resp: 682432
Ion Ratio Lower Upper
178 100
176 19.0 15.7 23.5
179 15.5 12.4 18.6



#72
Anthracene
Concen: 49.460 ng
RT: 15.72 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion:178 Resp: 698676
Ion Ratio Lower Upper
178 100
176 18.5 15.1 22.7
179 15.4 12.7 19.1

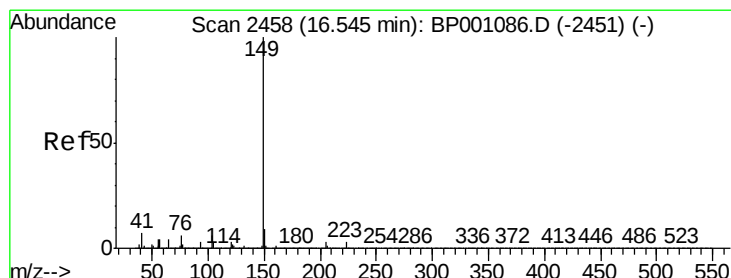
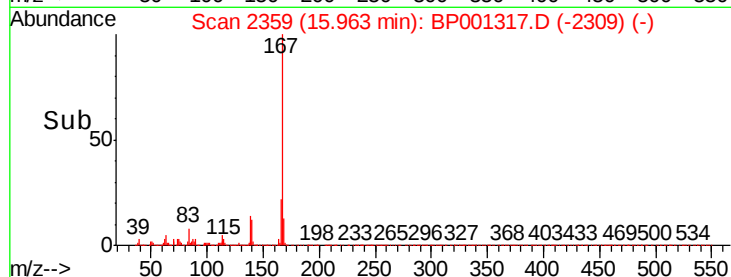
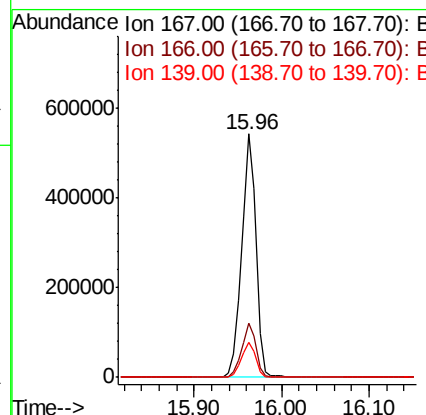
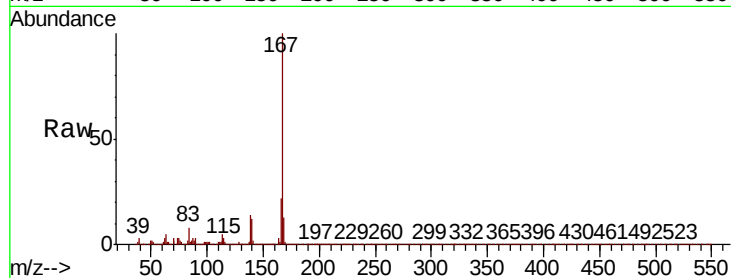




#73
 Carbazole
 Concen: 46.433 ng
 RT: 15.96 min Scan# 2359
 Delta R.T. -0.01 min
 Lab File: BP001317.D
 Acq: 11 Dec 2019 17:59

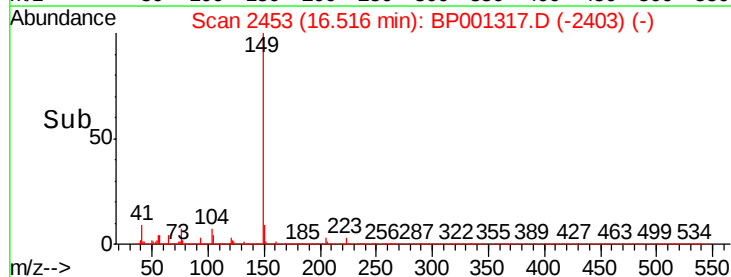
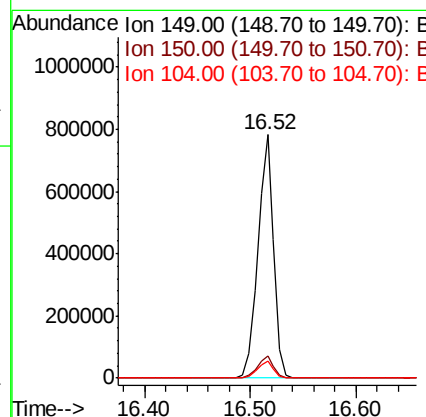
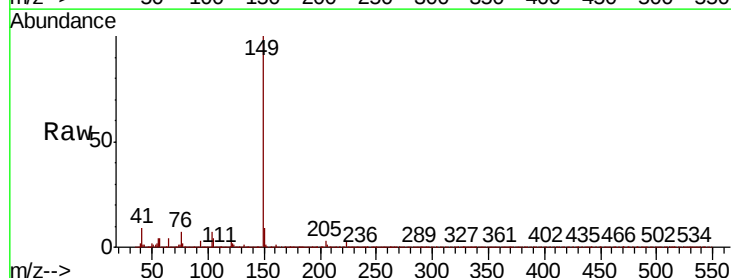
Instrument :
 BNA_P
 ClientSampleId :
 K072-AA-WC-2MSD

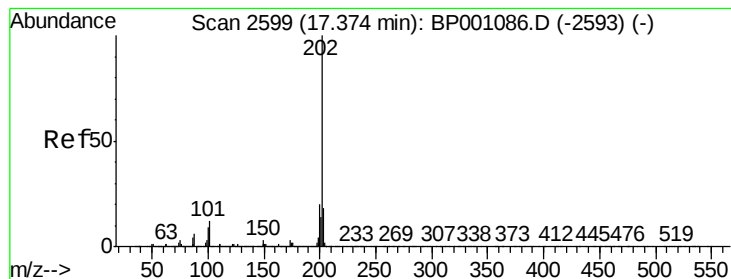
Tot Ion:167	Resp:	596857
Ion Ratio	Lower	Upper
167	100	
166	22.5	17.4 26.0
139	14.5	11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 47.006 ng
 RT: 16.52 min Scan# 2453
 Delta R.T. -0.01 min
 Lab File: BP001317.D
 Acq: 11 Dec 2019 17:59

Tgt Ion:149	Resp:	812396
Ion Ratio	Lower	Upper
149	100	
150	9.0	7.4 11.0
104	6.8	5.0 7.4





#75

Fluoranthene

Concen: 47.964 ng

RT: 17.35 min Scan# 2595

Delta R.T. -0.01 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Instrument :

BNA_P

ClientSampleId :

K072-AA-WC-2MSD

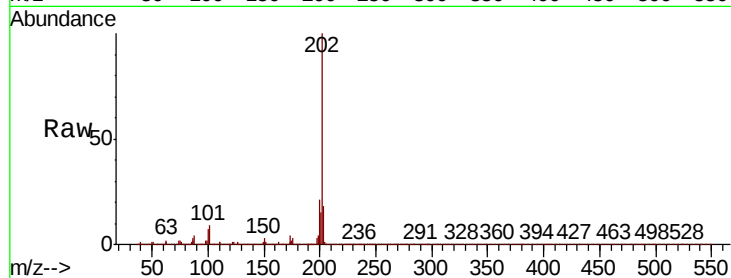
Tot Ion:202 Resp: 727743

Ion Ratio Lower Upper

202 100

101 8.8 0.0 30.0

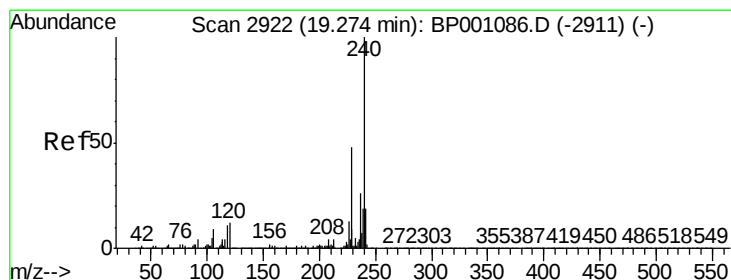
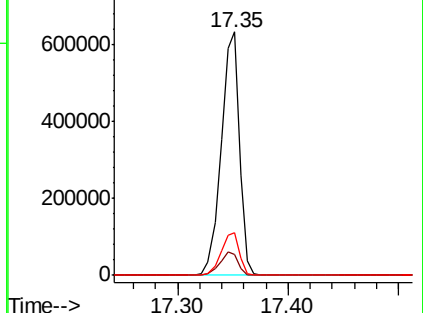
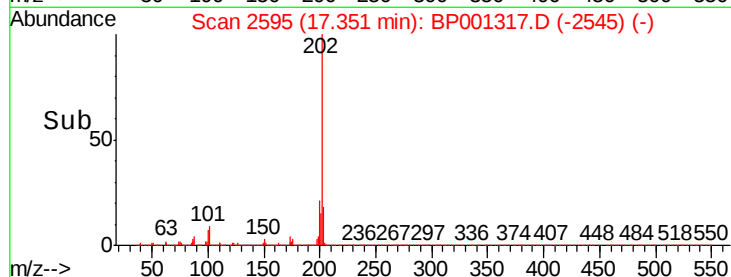
203 17.7 0.0 37.1



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: 19.25 min Scan# 2917

Delta R.T. -0.01 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

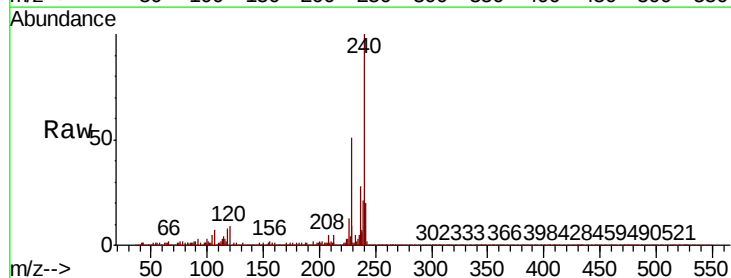
Tgt Ion:240 Resp: 201442

Ion Ratio Lower Upper

240 100

120 9.1 7.0 10.6

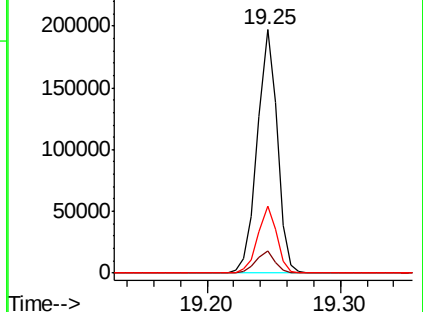
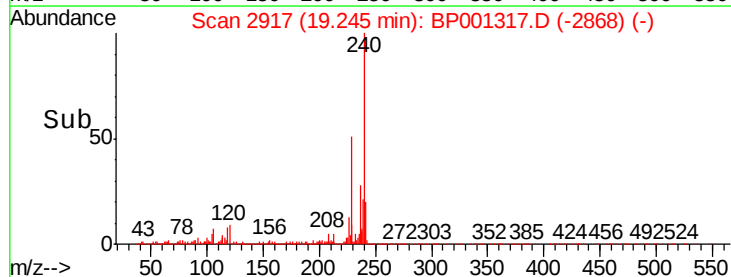
236 27.7 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 49.516 ng

RT: 17.54 min Scan# 2627

Delta R.T. -0.01 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Instrument :

BNA_P

ClientSampleId :

K072-AA-WC-2MSD

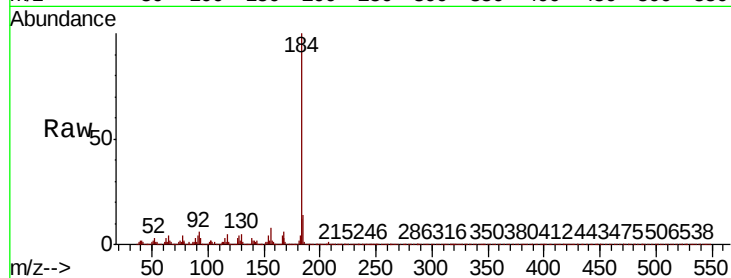
Tot Ion:184 Resp: 257537

Ion Ratio Lower Upper

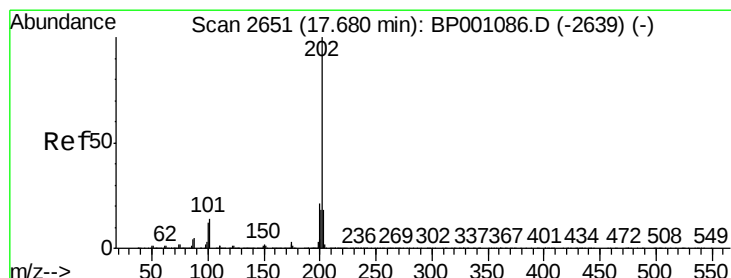
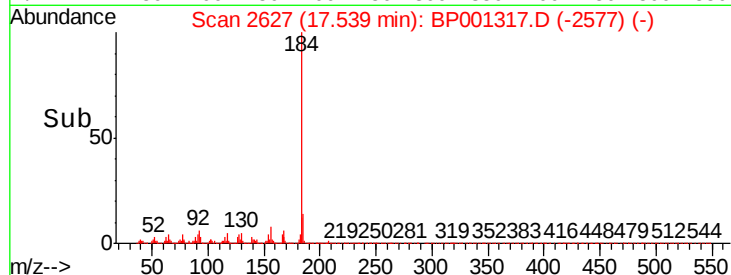
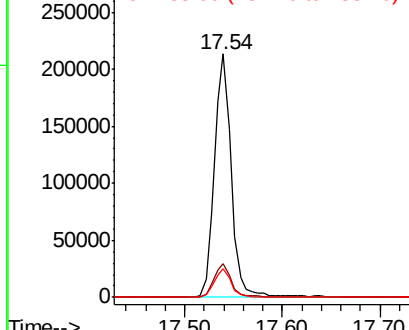
184 100

185 13.9 11.4 17.0

183 11.8 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.854 ng

RT: 17.66 min Scan# 2647

Delta R.T. -0.01 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

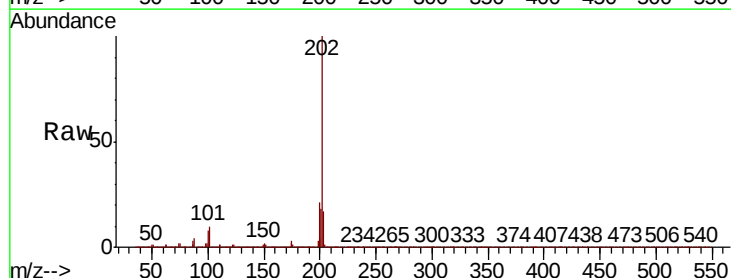
Tgt Ion:202 Resp: 743387

Ion Ratio Lower Upper

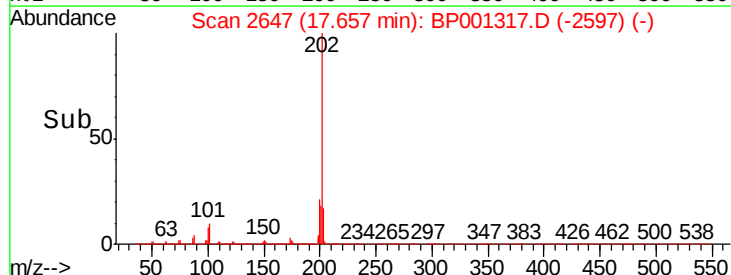
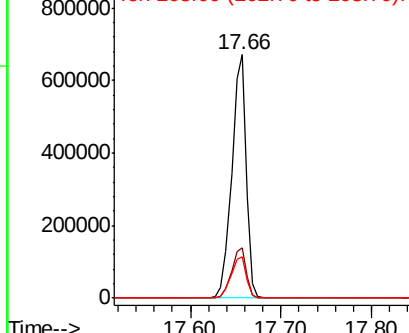
202 100

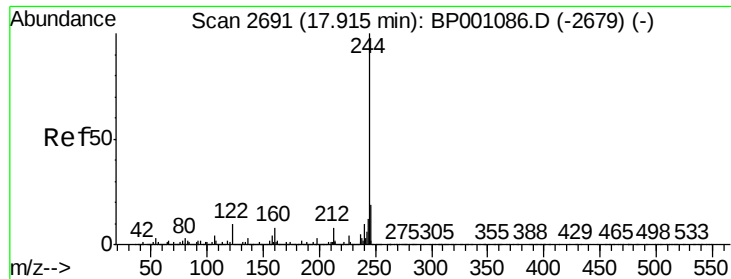
200 20.9 17.3 25.9

203 17.0 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 97.570 ng

RT: 17.89 min Scan# 2686

Delta R.T. -0.01 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Instrument :

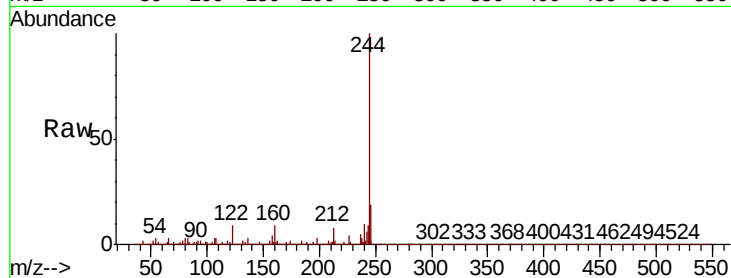
BNA_P

ClientSampleId :

K072-AA-WC-2MSD

Tot Ion:244 Resp: 1062360

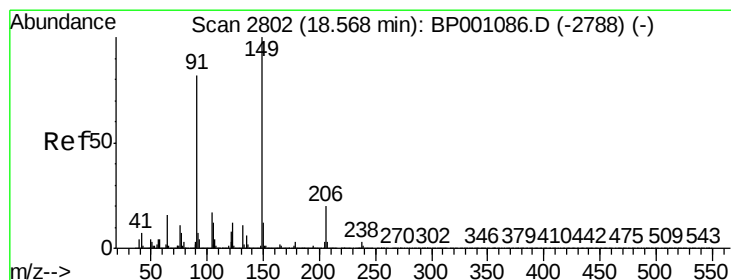
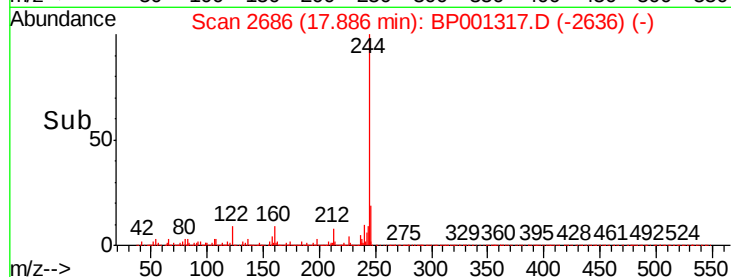
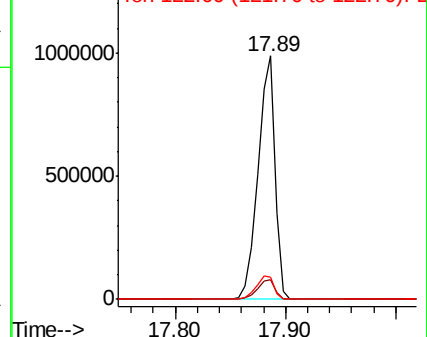
Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.6	9.8
122	9.2	9.2	13.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.309 ng

RT: 18.53 min Scan# 2796

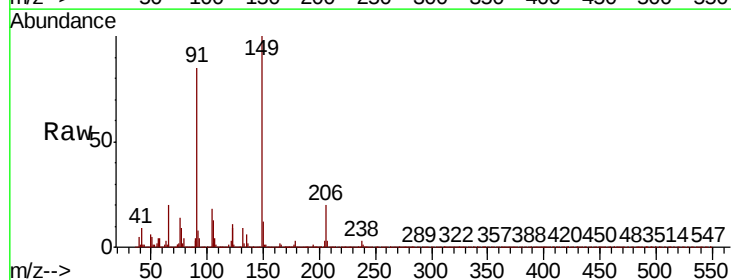
Delta R.T. -0.01 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Tgt Ion:149 Resp: 332036

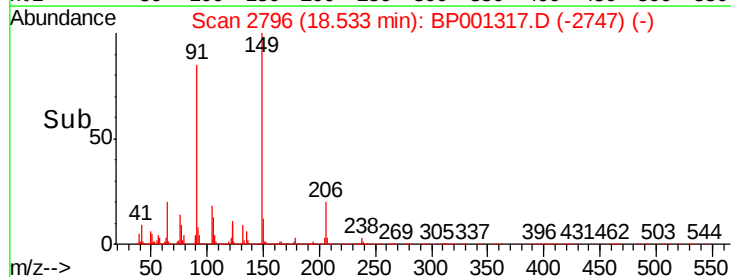
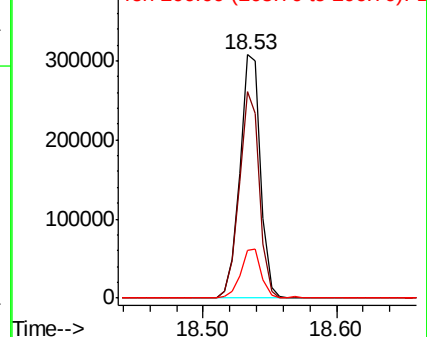
Ion	Ratio	Lower	Upper
149	100		
91	84.7	67.4	101.2
206	19.6	15.0	22.4

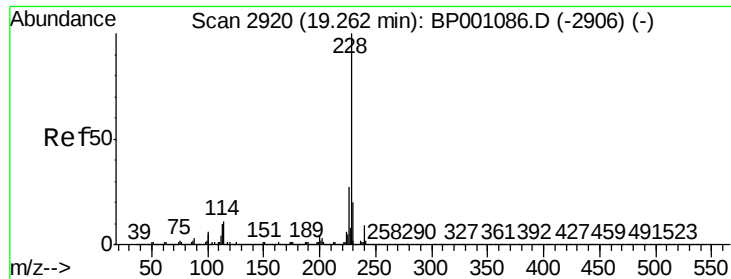


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.739 ng

RT: 19.23 min Scan# 2915

Delta R.T. -0.01 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Instrument :

BNA_P

ClientSampleId :

K072-AA-WC-2MSD

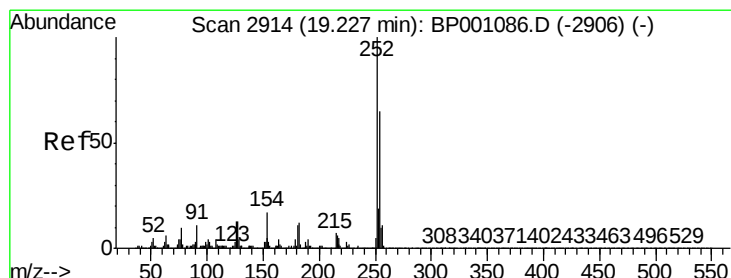
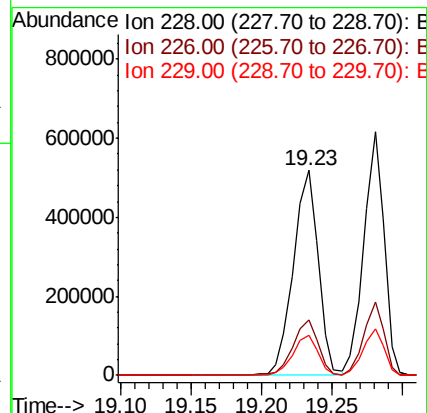
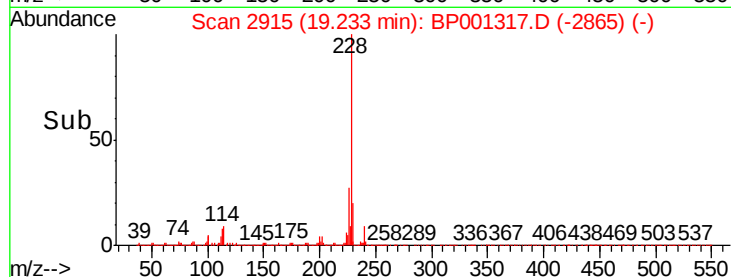
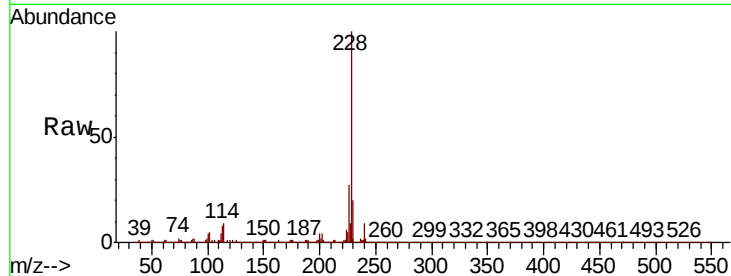
Tot Ion:228 Resp: 638823

Ion Ratio Lower Upper

228 100

226 27.3 21.7 32.5

229 19.6 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 44.263 ng

RT: 19.20 min Scan# 2909

Delta R.T. -0.01 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

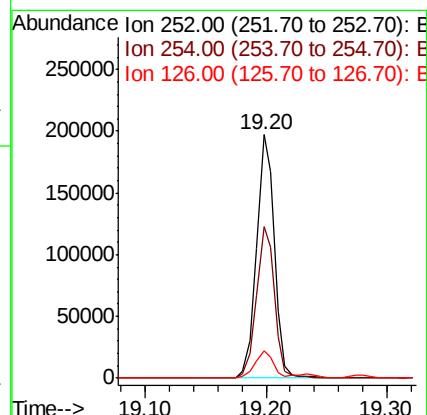
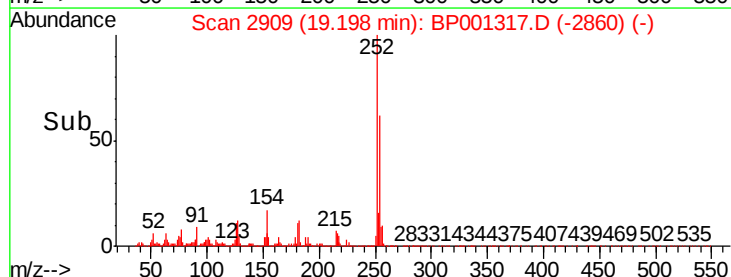
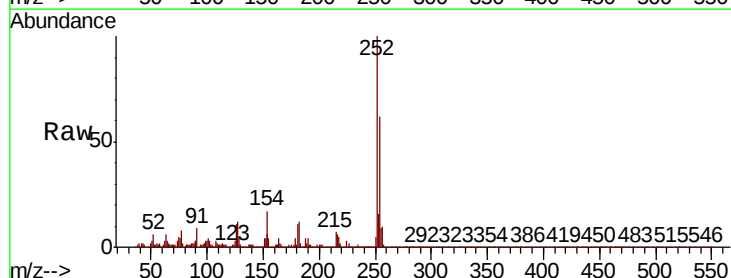
Tgt Ion:252 Resp: 204233

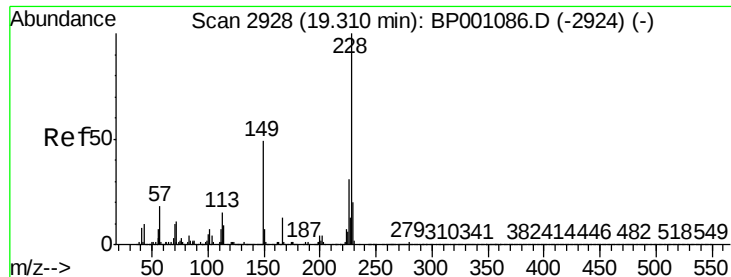
Ion Ratio Lower Upper

252 100

254 62.4 52.3 78.5

126 11.4 9.4 14.2





#83

Chrysene

Concen: 49.539 ng

RT: 19.28 min Scan# 2923

Delta R.T. -0.01 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Instrument :

BNA_P

ClientSampleId :

K072-AA-WC-2MSD

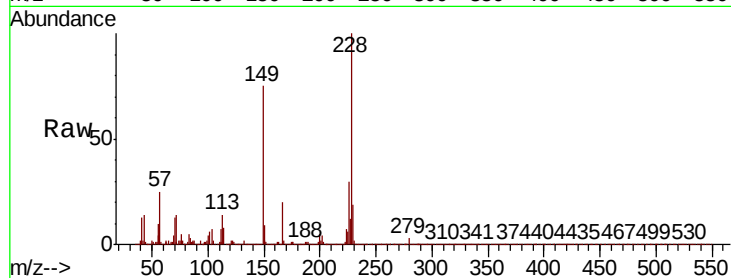
Tot Ion:228 Resp: 619573

Ion Ratio Lower Upper

228 100

226 30.0 23.7 35.5

229 18.9 15.2 22.8

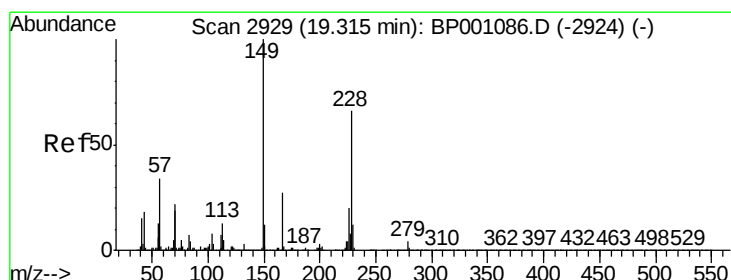
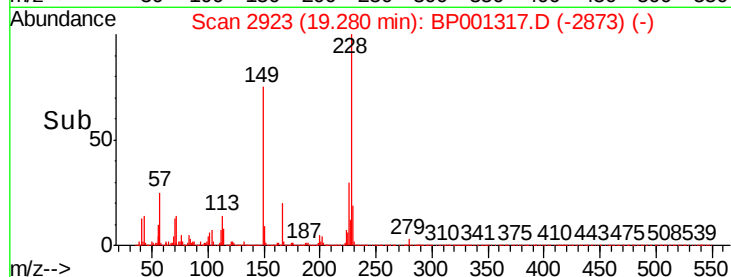
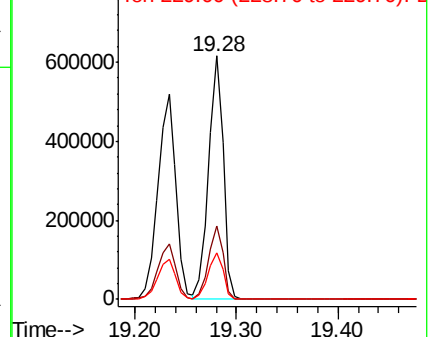


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.350 ng

RT: 19.28 min Scan# 2923

Delta R.T. -0.01 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

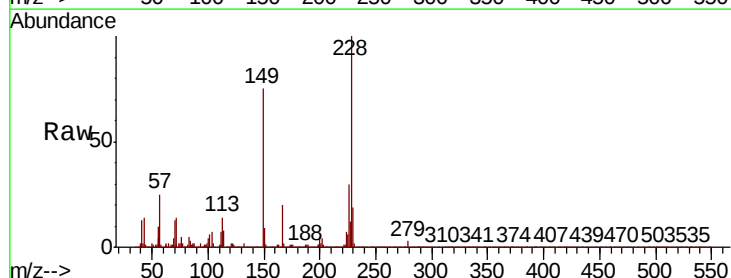
Tgt Ion:149 Resp: 477075

Ion Ratio Lower Upper

149 100

167 26.4 20.8 31.2

279 3.4 2.8 4.2

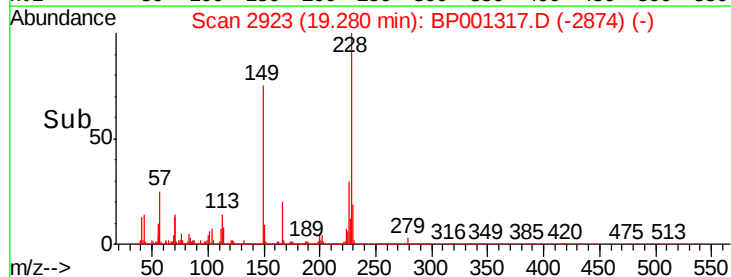
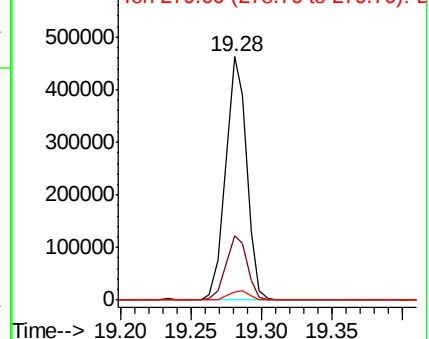


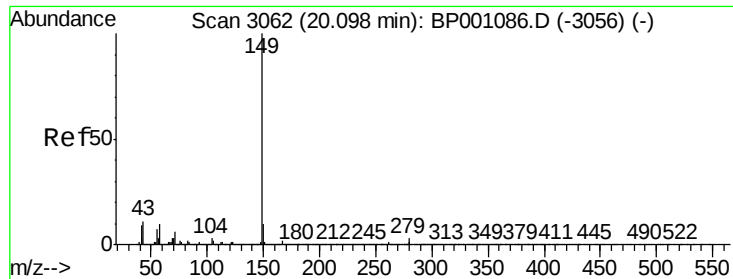
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

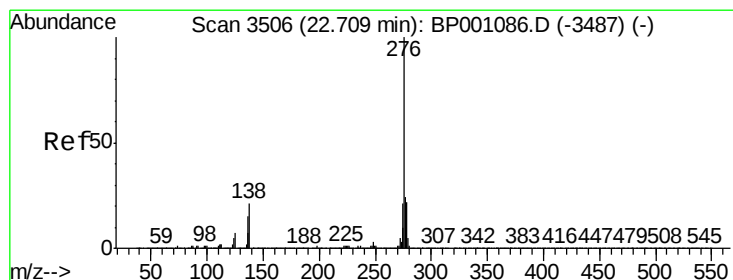
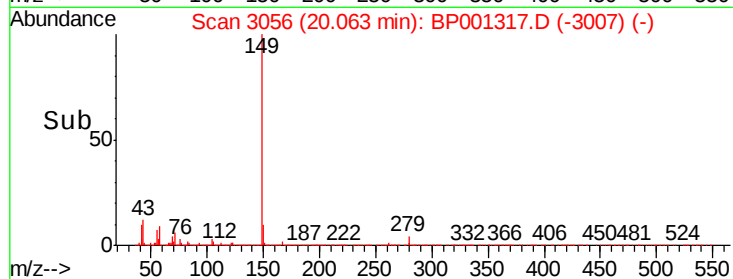
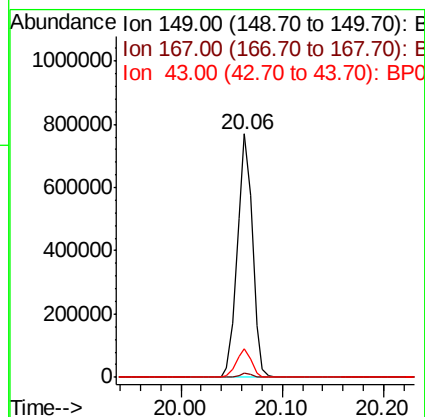
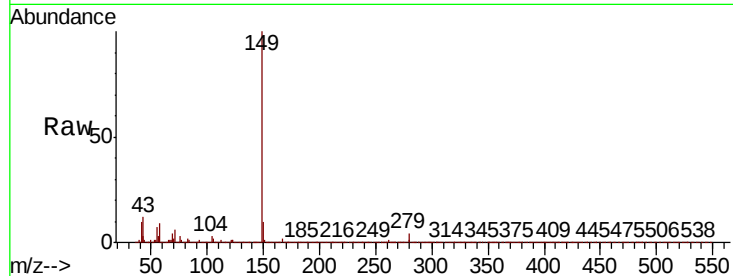




#85
Di-n-octyl phthalate
Concen: 44.501 ng
RT: 20.06 min Scan# 3056
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

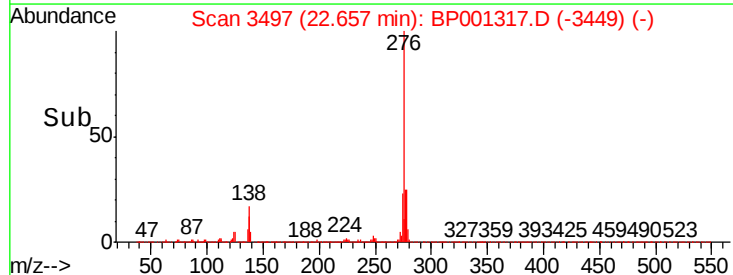
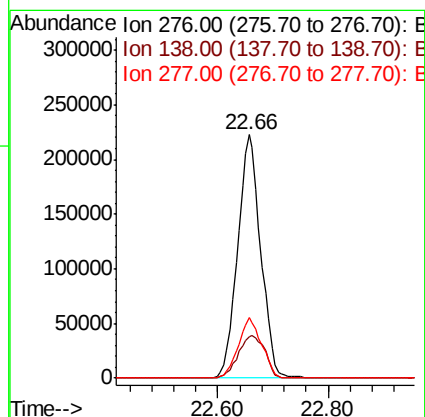
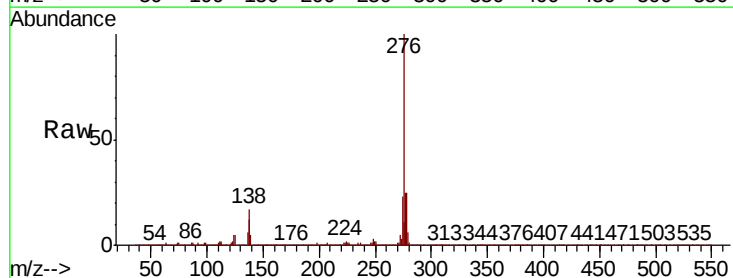
Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

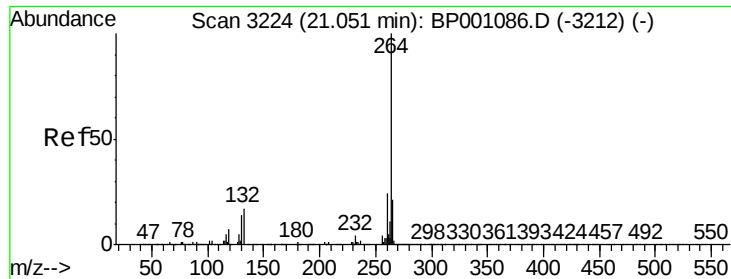
Tot Ion:149 Resp: 796489
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.7 9.1 13.7



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.683 ng
RT: 22.66 min Scan# 3497
Delta R.T. -0.02 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion:276 Resp: 643865
Ion Ratio Lower Upper
276 100
138 20.0 17.9 26.9
277 25.4 20.1 30.1

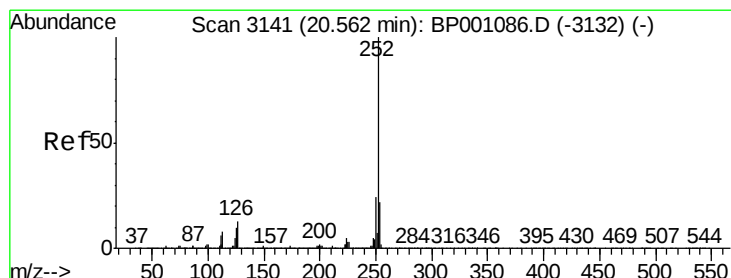
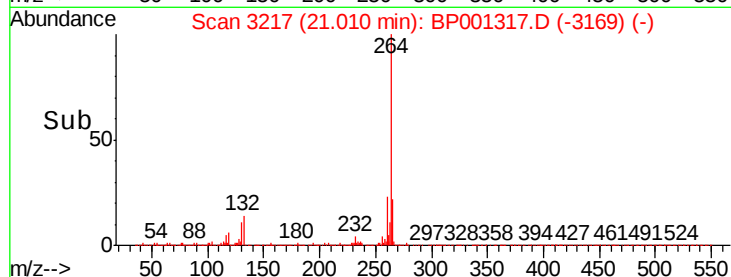
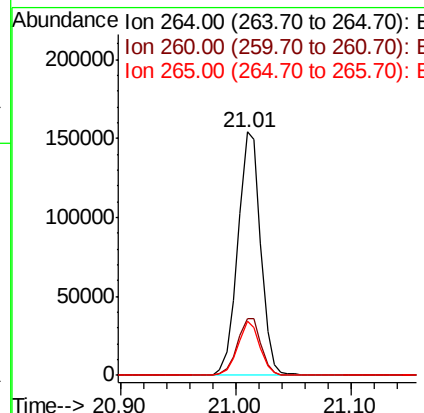
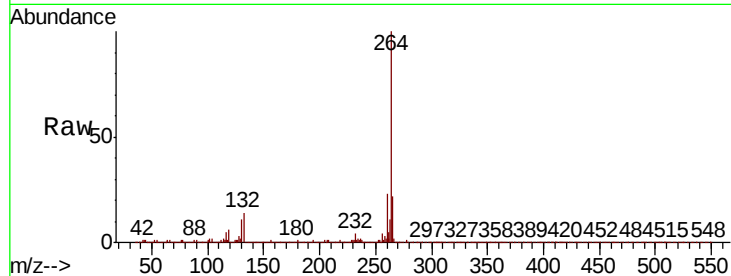




#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.01 min Scan# 3217
Delta R.T. -0.02 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

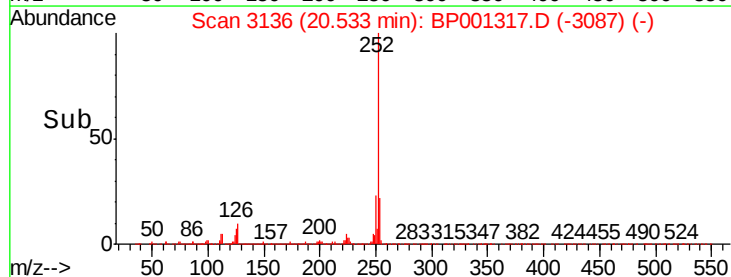
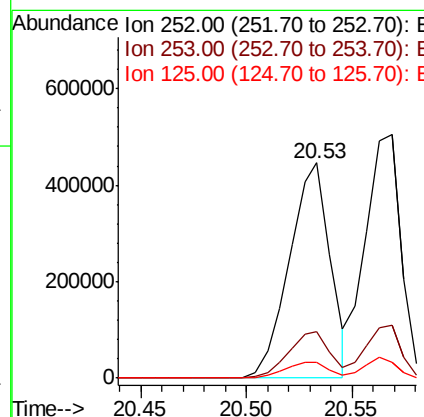
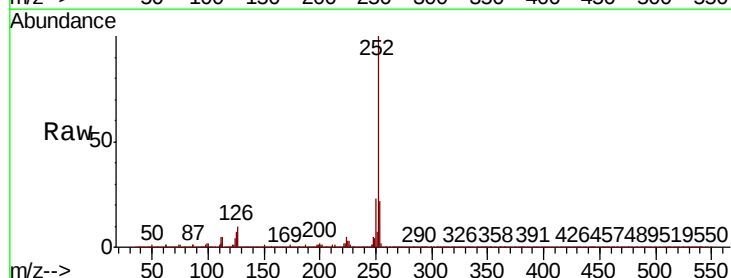
Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

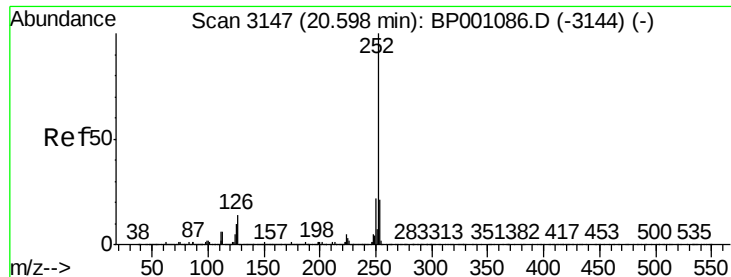
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.0
265	22.0	17.1	25.7



#88
Benzo(b)fluoranthene
Concen: 46.731 ng
RT: 20.53 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	7.4	6.6	9.8

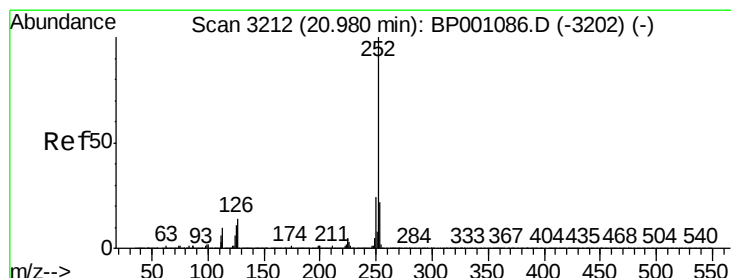
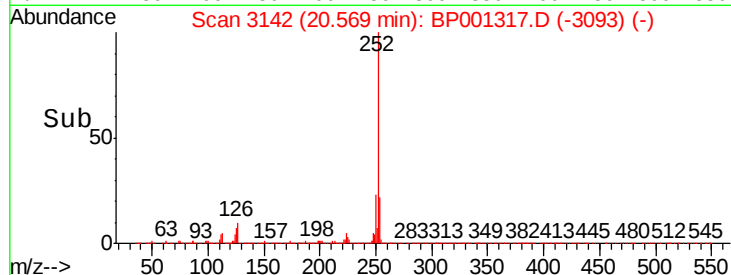
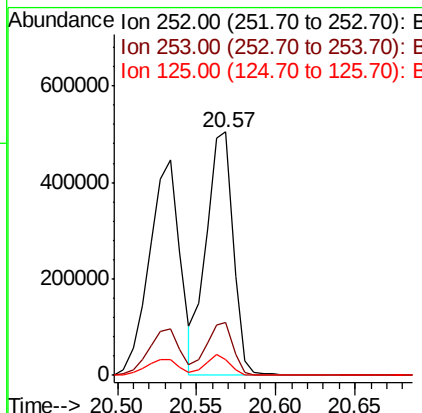
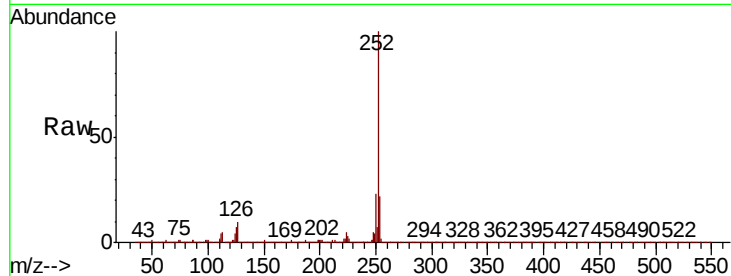




#89
Benzo(k)fluoranthene
Concen: 48.400 ng
RT: 20.57 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

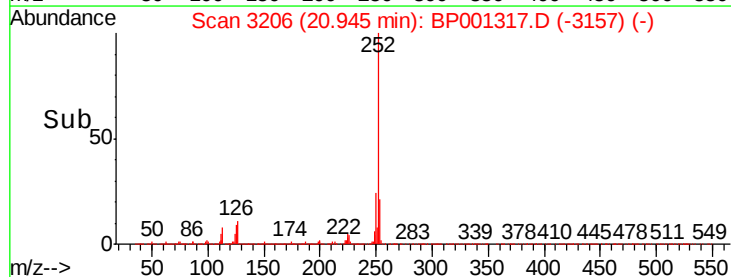
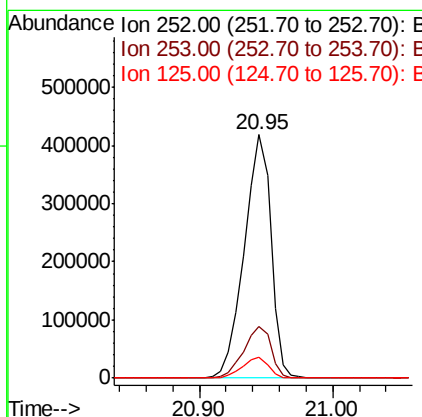
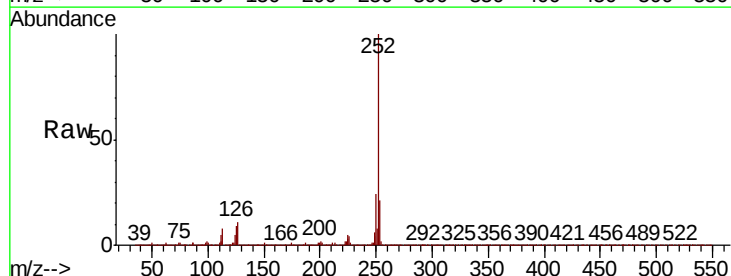
Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MSD

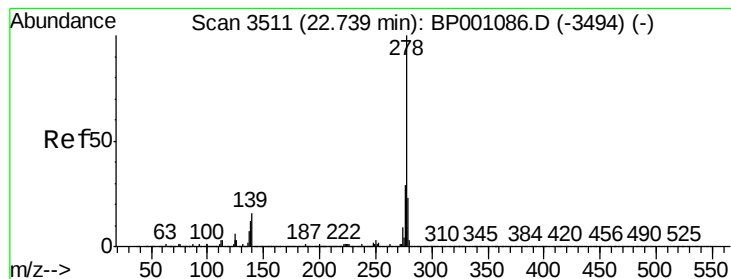
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	6.7	6.2	9.4



#90
Benzo(a)pyrene
Concen: 48.679 ng
RT: 20.95 min Scan# 3206
Delta R.T. -0.01 min
Lab File: BP001317.D
Acq: 11 Dec 2019 17:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	16.8	25.2
125	8.7	7.8	11.6





#91

Dibenzo(a,h)anthracene

Concen: 46.395 ng

RT: 22.68 min Scan# 3501

Delta R.T. -0.02 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Instrument :

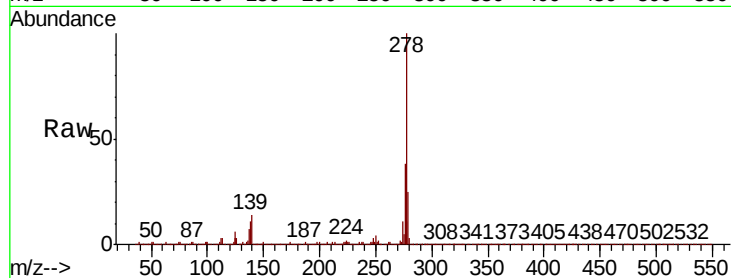
BNA_P

ClientSampleId :

K072-AA-WC-2MSD

Tot Ion:278 Resp: 537182

Ion	Ratio	Lower	Upper
278	100		
139	13.7	11.6	17.4
279	24.7	18.7	28.1

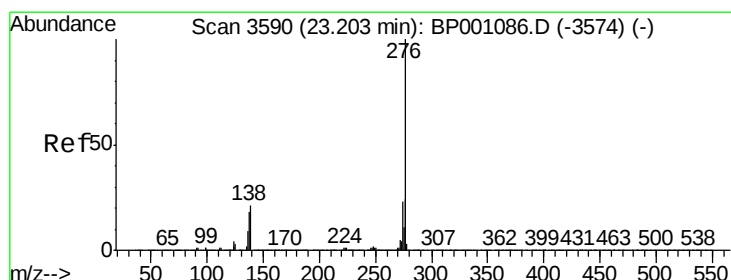
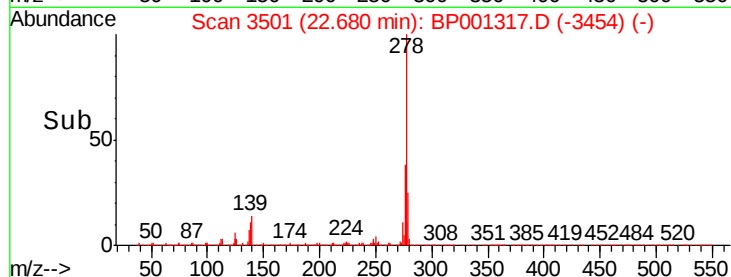
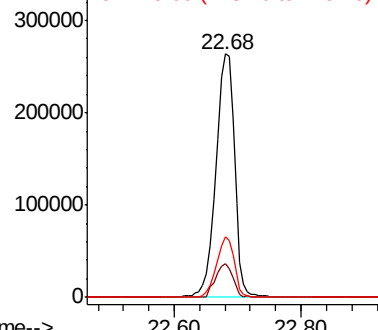


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.306 ng

RT: 23.14 min Scan# 3580

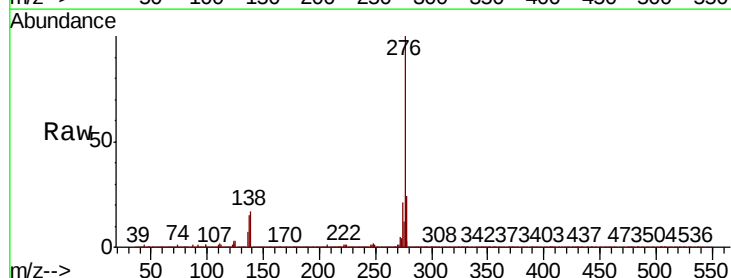
Delta R.T. -0.02 min

Lab File: BP001317.D

Acq: 11 Dec 2019 17:59

Tgt Ion:276 Resp: 517989

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	28.0
138	16.6	15.6	23.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

