

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
 Data File : BP001211.D
 Acq On : 05 Dec 2019 14:59
 Operator : JU
 Sample : PB125231BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 06 06:04:11 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	43534	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	177861	20.00	ng	0.00
39) Acenaphthene-d10	13.21	164	102530	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	193956	20.00	ng	0.00
76) Chrysene-d12	19.25	240	166596	20.00	ng	0.00
87) Perylene-d12	21.02	264	135760	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	362076	137.99	ng	0.00
7) Phenol-d6	7.76	99	469373	134.27	ng	0.00
23) Nitrobenzene-d5	9.19	82	265411	64.74	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	129983	132.26	ng	0.00
45) 2-Fluorobiphenyl	12.13	172	455403	65.01	ng	0.00
79) Terphenyl-d14	17.89	244	565028	62.75	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.50	88	35075	28.618	ng	95
3) Pyridine	3.38	79	87230	25.648	ng	98
4) n-Nitrosodimethylamine	3.25	42	72130	49.011	ng	93
6) Aniline	7.79	93	145398	31.370	ng	# 89
8) 2-Chlorophenol	7.97	128	129849	47.829	ng	96
9) Benzaldehyde	7.60	77	31577	10.473	ng	99
10) Phenol	7.77	94	184206	46.325	ng	90
11) bis(2-Chloroethyl)ether	7.92	93	136603	44.117	ng	96
12) 1,3-Dichlorobenzene	8.22	146	131171	40.764	ng	98
13) 1,4-Dichlorobenzene	8.34	146	137233	42.336	ng	99
14) 1,2-Dichlorobenzene	8.57	146	129673	42.506	ng	97
15) Benzyl Alcohol	8.54	79	143275	49.928	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.77	45	209441	42.072	ng	99
17) 2-Methylphenol	8.73	107	114204	45.859	ng	98
18) Hexachloroethane	9.12	117	56259	41.955	ng	97
19) n-Nitroso-di-n-propylamine	8.97	70	112527	44.609	ng	100
20) 3+4-Methylphenols	8.97	107	149779	47.712	ng	96
22) Acetophenone	8.96	105	211525	40.463	ng	# 100
24) Nitrobenzene	9.22	77	173371	42.529	ng	99
25) Isophorone	9.62	82	305605	41.572	ng	99
26) 2-Nitrophenol	9.73	139	63222	42.341	ng	95
27) 2,4-Dimethylphenol	9.83	122	113365	47.931	ng	99
28) bis(2-Chloroethoxy)methane	9.99	93	173202	37.552	ng	100
29) 2,4-Dichlorophenol	10.12	162	113793	42.272	ng	98
30) 1,2,4-Trichlorobenzene	10.26	180	127043	40.407	ng	99
31) Naphthalene	10.38	128	372793	41.039	ng	98
32) Benzoic acid	9.97	122	64951	37.985	ng	96
33) 4-Chloroaniline	10.47	127	98893	25.087	ng	98
34) Hexachlorobutadiene	10.60	225	81725	41.320	ng	97
35) Caprolactam	11.02	113	36494	39.336	ng	97
36) 4-Chloro-3-methylphenol	11.28	107	136746	42.846	ng	99
37) 2-Methylnaphthalene	11.51	142	260687	42.057	ng	99
38) 1-Methylnaphthalene	11.67	142	242641	41.440	ng	99
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	131647	40.743	ng	99

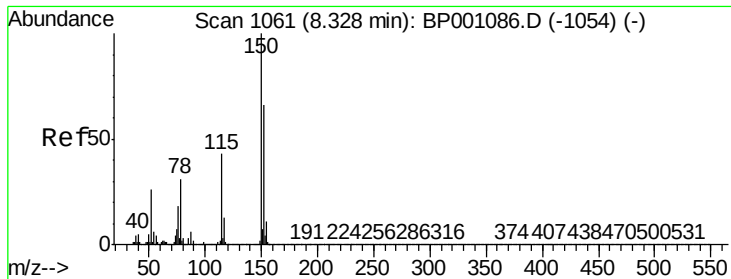
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.78	237	86901	58.298	ng	99
43) 2,4,6-Trichlorophenol	11.98	196	86482	40.992	ng	97
44) 2,4,5-Trichlorophenol	12.03	196	90895	41.582	ng	97
46) 1,1'-Biphenyl	12.28	154	320917	40.500	ng	100
47) 2-Chloronaphthalene	12.30	162	247585	39.116	ng	100
48) 2-Nitroaniline	12.47	65	98055	39.528	ng	97
49) Acenaphthylene	12.97	152	391230	41.236	ng	100
50) Dimethylphthalate	12.80	163	306008	39.906	ng	99
51) 2,6-Dinitrotoluene	12.88	165	64249	39.140	ng	98
52) Acenaphthene	13.26	154	228897	40.108	ng	98
53) 3-Nitroaniline	13.14	138	55600	30.152	ng	94
54) 2,4-Dinitrophenol	13.32	184	40073	61.564	ng	86
55) Dibenzofuran	13.55	168	363315	42.365	ng	98
56) 4-Nitrophenol	13.43	139	108107	82.737	ng	97
57) 2,4-Dinitrotoluene	13.53	165	87866	42.704	ng	98
58) Fluorene	14.11	166	285422	41.535	ng	99
59) 2,3,4,6-Tetrachlorophenol	13.75	232	77461	43.109	ng	100
60) Diethylphthalate	13.97	149	314274	39.581	ng	100
61) 4-Chlorophenyl-phenylether	14.13	204	144194	41.206	ng	99
62) 4-Nitroaniline	12.47	138	78153	36.556	ng	96
63) Azobenzene	14.39	77	346410	40.362	ng	99
65) 4,6-Dinitro-2-methylphenol	14.20	198	31202	38.881	ng	90
66) n-Nitrosodiphenylamine	14.32	169	248696	42.200	ng	99
67) 4-Bromophenyl-phenylether	14.93	248	87184	41.404	ng	96
68) Hexachlorobenzene	15.01	284	94904	40.996	ng	95
69) Atrazine	15.21	200	85192	47.345	ng	98
70) Pentachlorophenol	15.32	266	105434	87.384	ng	97
71) Phenanthrene	15.64	178	430850	42.253	ng	100
72) Anthracene	15.72	178	437891	43.569	ng	99
73) Carbazole	15.96	167	399811	43.716	ng	99
74) Di-n-butylphthalate	16.52	149	506724	41.209	ng	100
75) Fluoranthene	17.35	202	483104	44.753	ng	100
77) Benzidine	17.54	184	83845	19.493	ng	99
78) Pyrene	17.66	202	497779	37.936	ng	99
80) Butylbenzylphthalate	18.54	149	219615	36.237	ng	95
81) Benzo(a)anthracene	19.24	228	456185	39.494	ng	100
82) 3,3'-Dichlorobenzidine	19.20	252	148935	39.030	ng	99
83) Chrysene	19.28	228	431167	41.686	ng	100
84) Bis(2-ethylhexyl)phthalate	19.29	149	314436	37.736	ng	99
85) Di-n-octyl phthalate	20.07	149	538326	36.368	ng	100
86) Indeno(1,2,3-cd)pyrene	22.66	276	480259	39.398	ng	100
88) Benzo(b)fluoranthene	20.53	252	428831	51.715	ng	99
89) Benzo(k)fluoranthene	20.57	252	430731	53.932	ng	97
90) Benzo(a)pyrene	20.95	252	386485	50.601	ng	99
91) Dibenzo(a,h)anthracene	22.69	278	406328	54.361	ng	98
92) Benzo(g,h,i)perylene	23.15	276	414280	56.130	ng	98

(#) = 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

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

Instrument :

BNA_P

ClientSampleId :

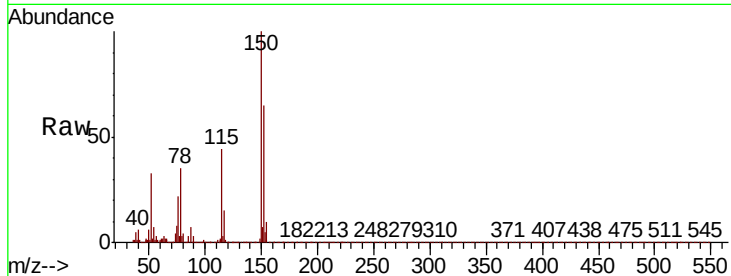
Tot Ion:152 Resp: 43534

Ion Ratio Lower Upper

152 100

150 154.3 127.3 190.9

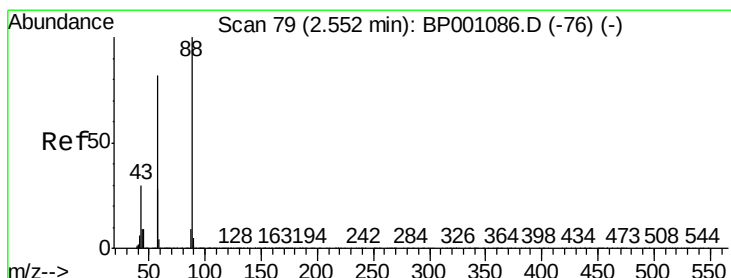
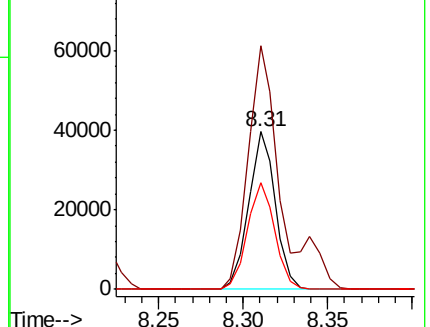
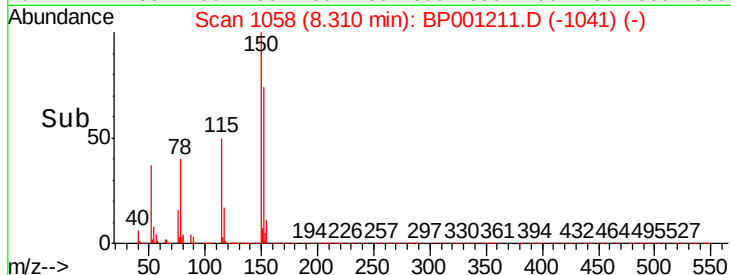
115 67.2 56.0 84.0



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: 28.618 ng

RT: 2.50 min Scan# 70

Delta R.T. -0.04 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

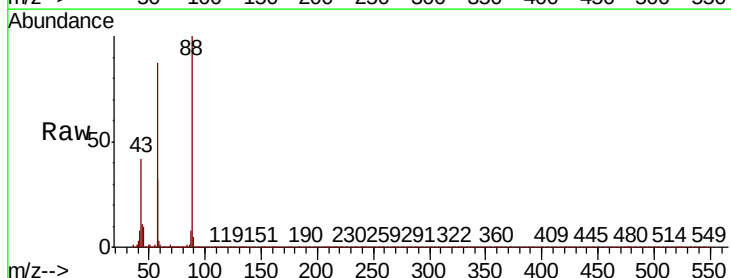
Tgt Ion: 88 Resp: 35075

Ion Ratio Lower Upper

88 100

58 88.6 67.8 101.6

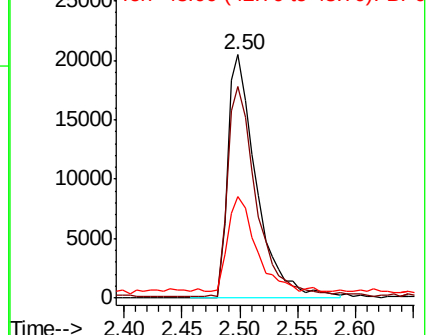
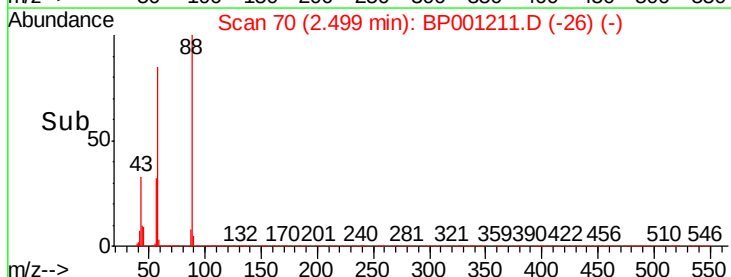
43 38.4 28.0 42.0

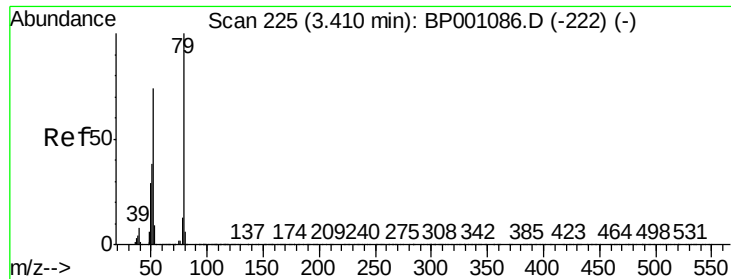


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 25.648 ng

RT: 3.38 min Scan# 220

Delta R.T. -0.01 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

Instrument :

BNA_P

ClientSampleId :

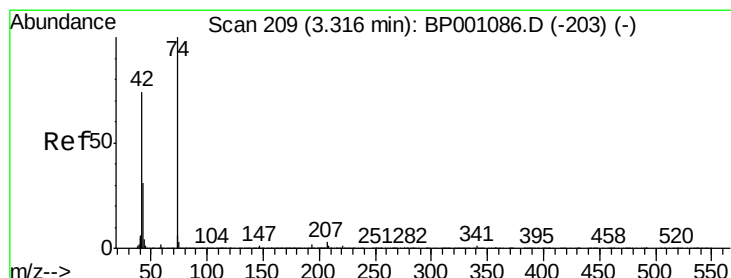
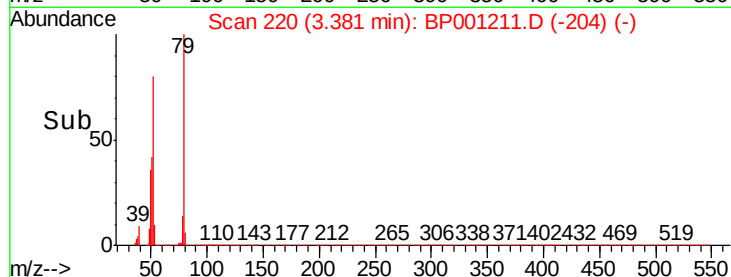
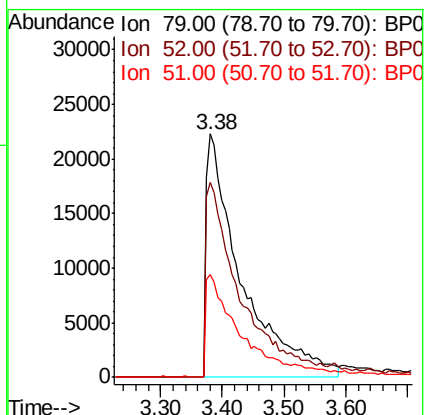
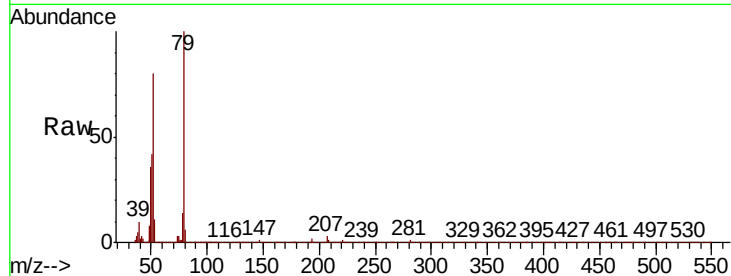
Tot Ion: 79 Resp: 87230

Ion Ratio Lower Upper

79 100

52 79.9 65.1 97.7

51 42.3 32.7 49.1



#4

n-Nitrosodimethylamine

Concen: 49.011 ng

RT: 3.25 min Scan# 198

Delta R.T. -0.05 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

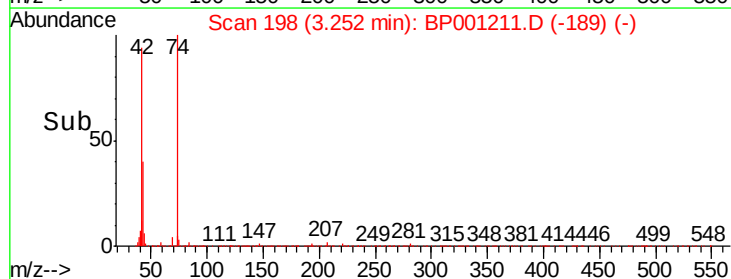
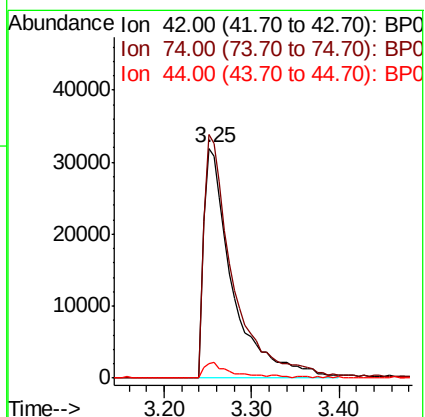
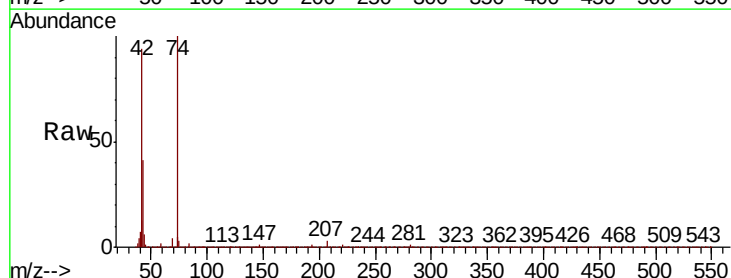
Tgt Ion: 42 Resp: 72130

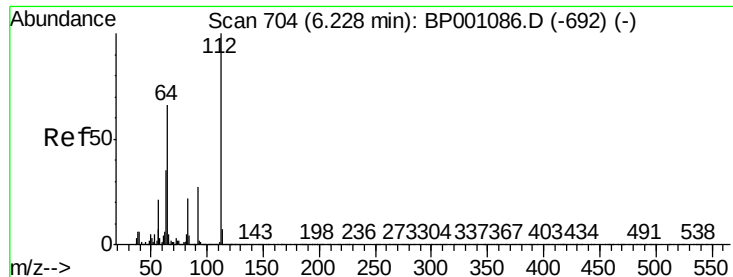
Ion Ratio Lower Upper

42 100

74 105.9 91.4 137.0

44 6.2 4.9 7.3





#5

2-Fluorophenol

Concen: 137.987 ng

RT: 6.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

Instrument :

BNA_P

ClientSampleId :

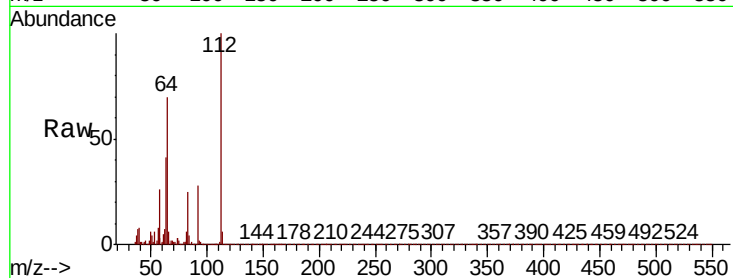
Tot Ion:112 Resp: 362076

Ion Ratio Lower Upper

112 100

64 70.2 56.8 85.2

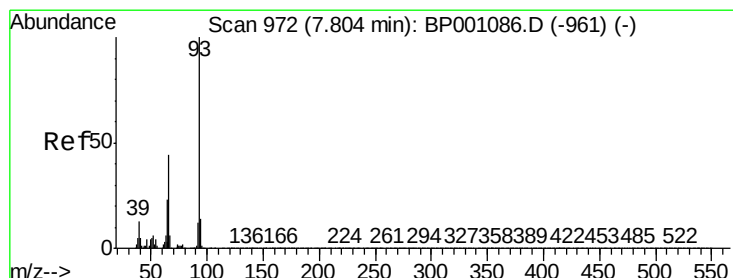
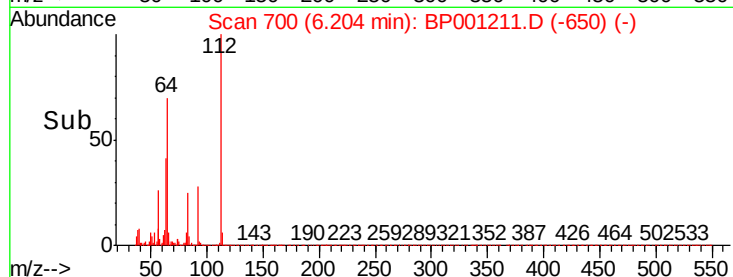
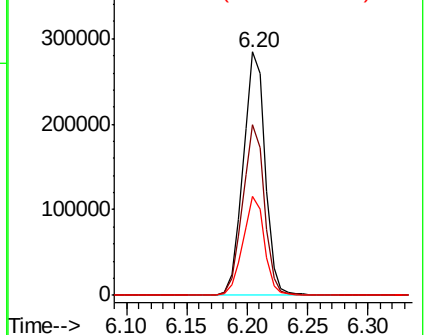
63 40.6 32.2 48.2



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: 31.370 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

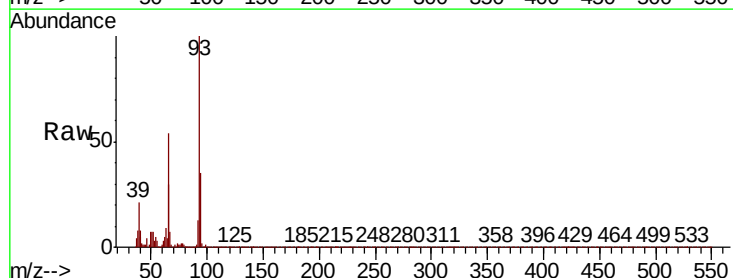
Tgt Ion: 93 Resp: 145398

Ion Ratio Lower Upper

93 100

66 54.0 36.8 55.2

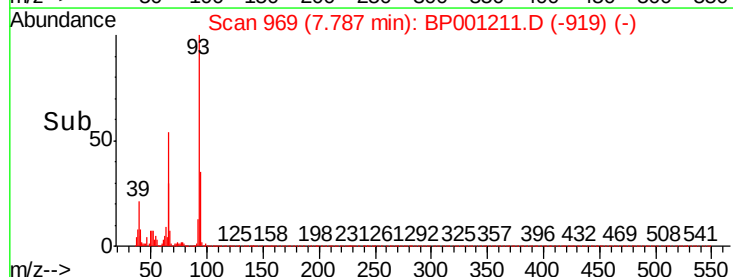
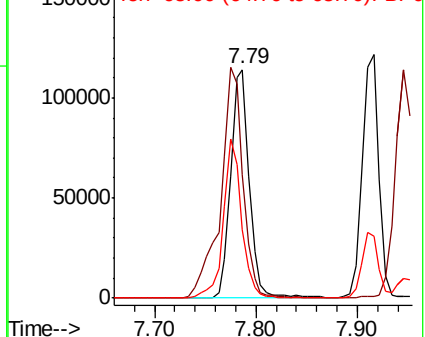
65 30.0 19.8 29.8#

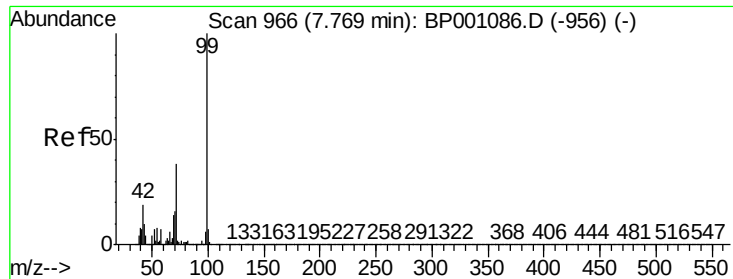


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 134.268 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

Instrument :

BNA_P

ClientSampled :

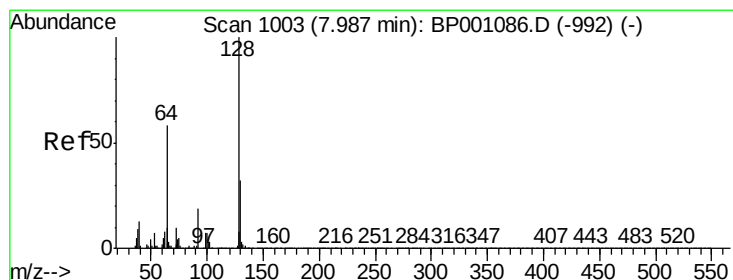
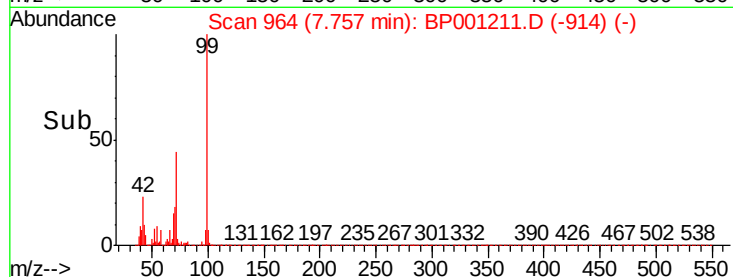
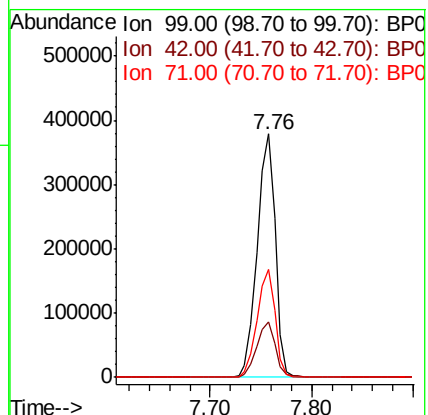
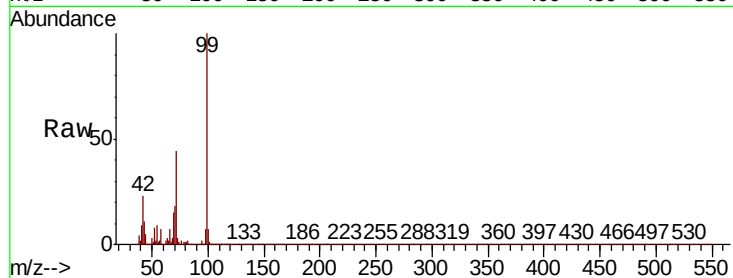
Tot Ion: 99 Resp: 469373

Ion Ratio Lower Upper

99 100

42 22.6 17.6 26.4

71 44.2 33.8 50.8



#8

2-Chlorophenol

Concen: 47.829 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

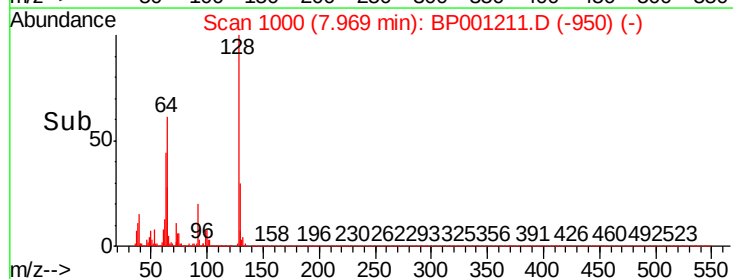
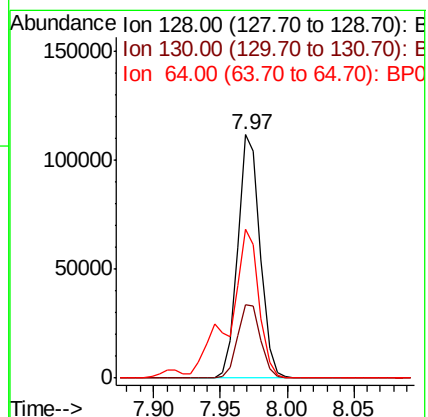
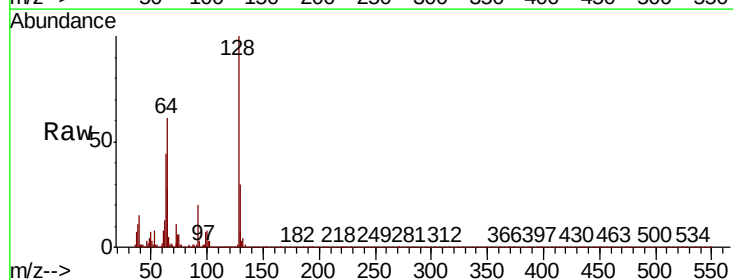
Tgt Ion: 128 Resp: 129849

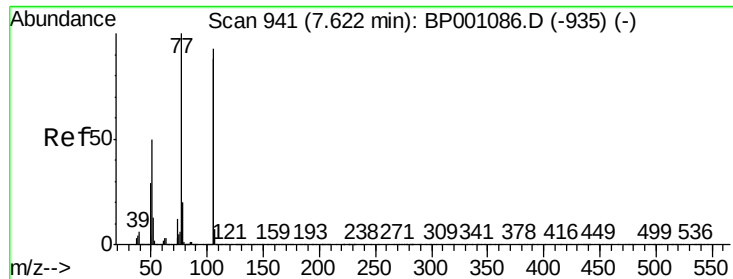
Ion Ratio Lower Upper

128 100

130 30.1 12.4 52.4

64 61.3 38.9 78.9





#9

Benzaldehyde

Concen: 10.473 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

Instrument :

BNA_P

ClientSampleId :

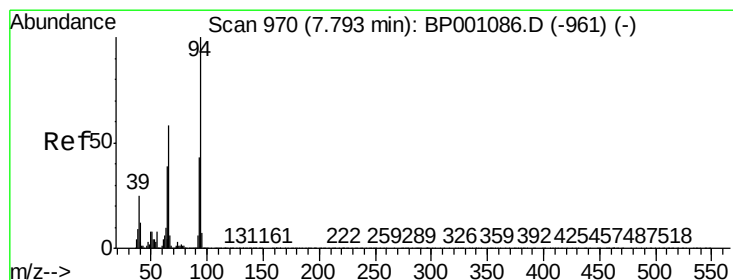
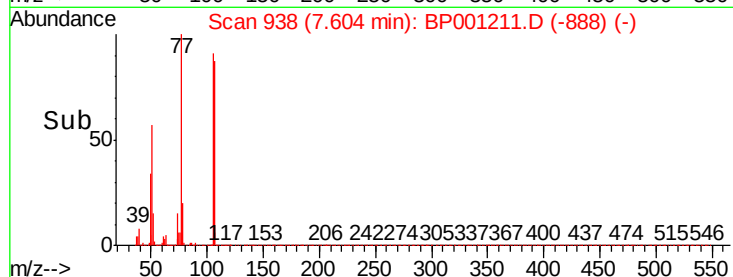
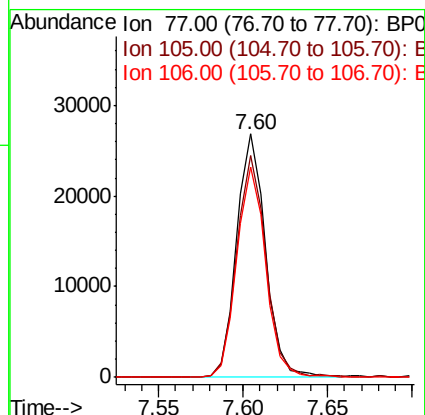
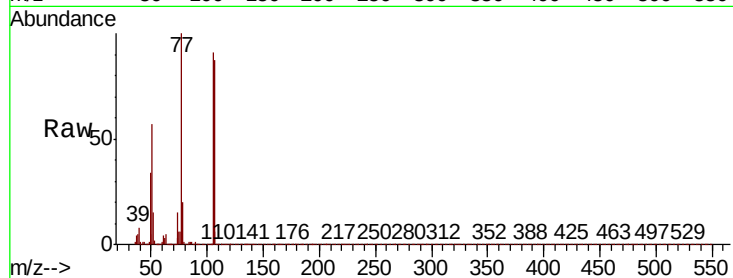
Tot Ion: 77 Resp: 31577

Ion Ratio Lower Upper

77 100

105 91.3 69.7 109.7

106 86.6 67.1 107.1



#10

Phenol

Concen: 46.325 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

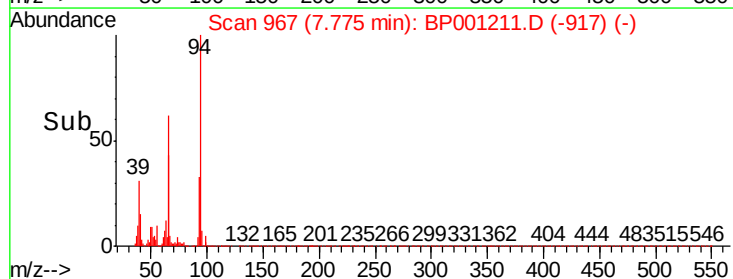
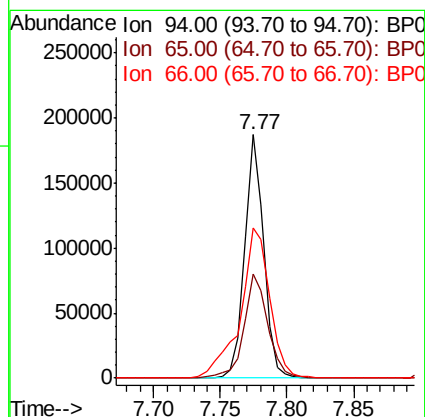
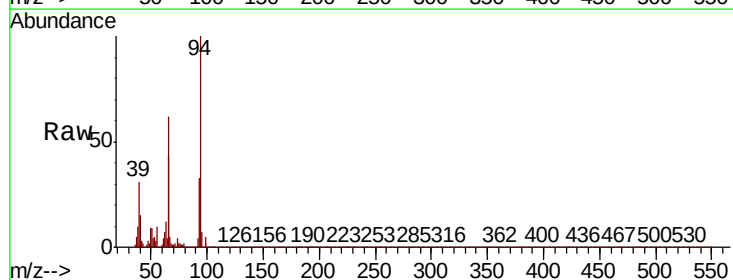
Tgt Ion: 94 Resp: 184206

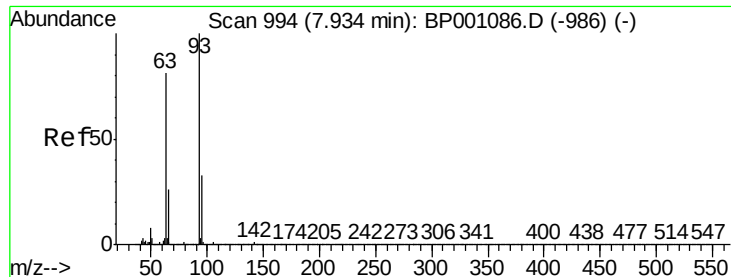
Ion Ratio Lower Upper

94 100

65 42.6 25.6 65.6

66 61.6 52.6 92.6

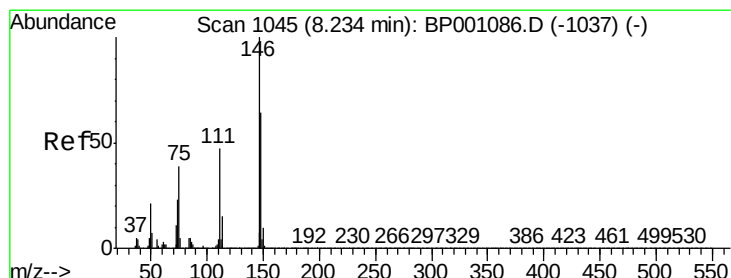
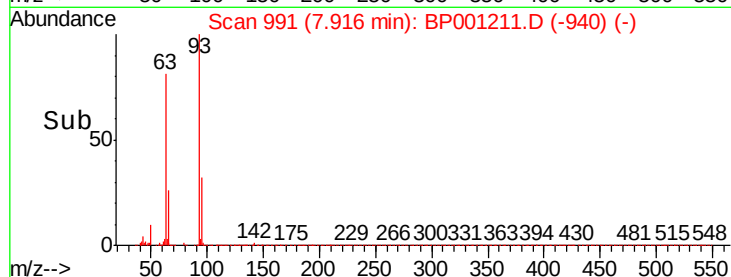
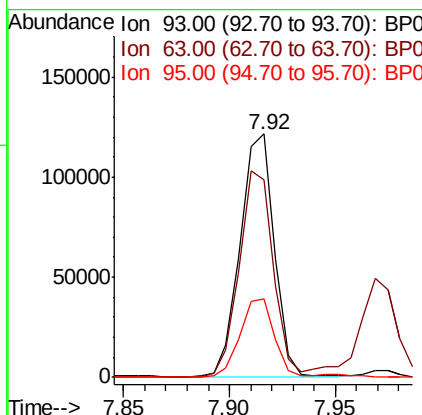
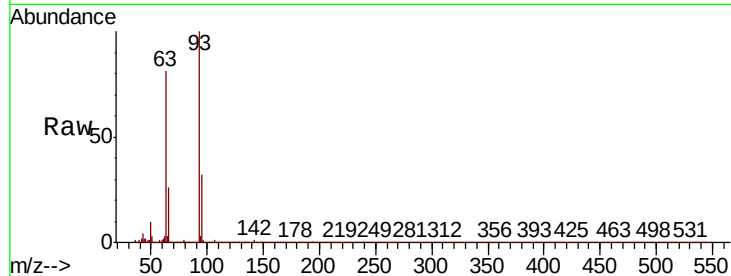




#11
bis(2-Chloroethyl)ether
Concen: 44.117 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.00 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

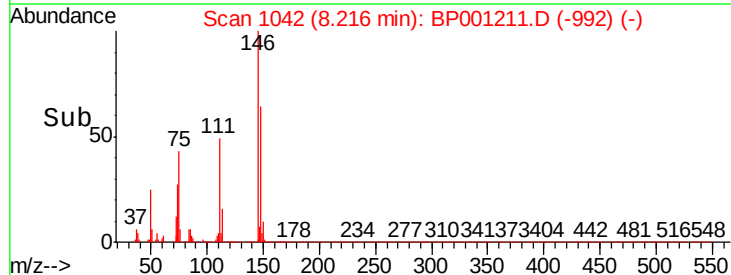
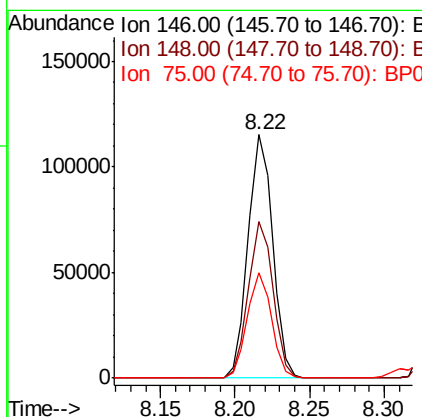
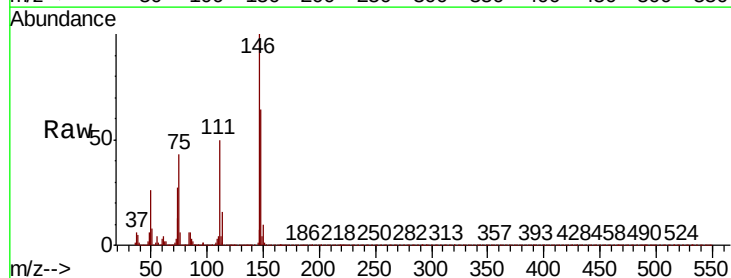
Instrument :
BNA_P
ClientSampleId :

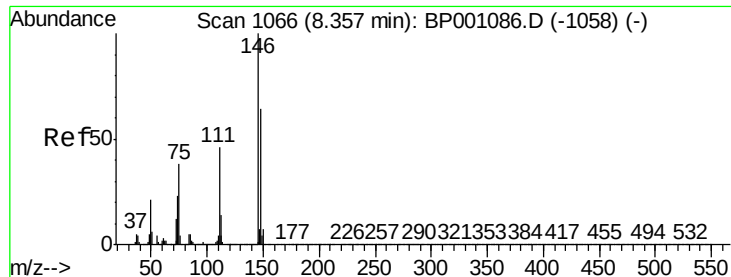
Tot Ion	Ratio	Lower	Upper
93	100		
63	81.1	65.8	105.8
95	32.2	11.7	51.7



#12
1,3-Dichlorobenzene
Concen: 40.764 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.0
75	43.3	32.2	48.2

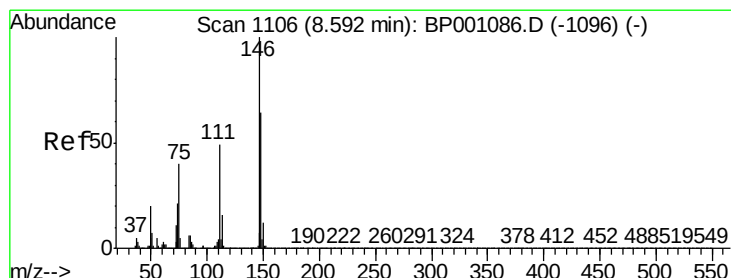
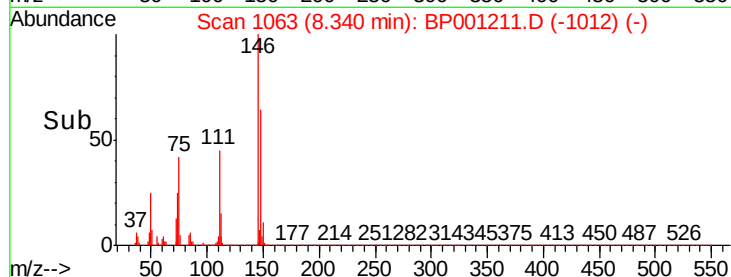
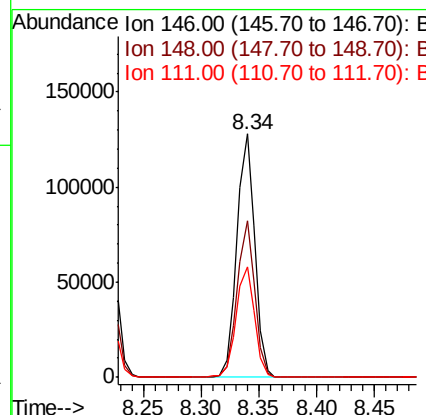
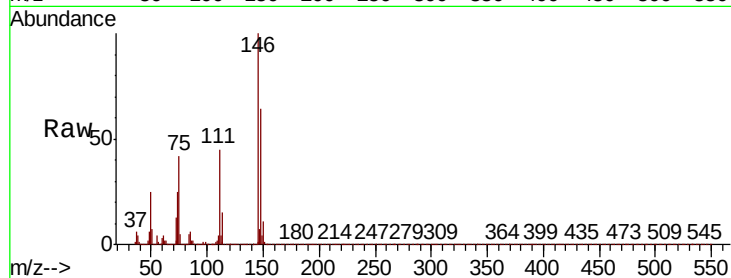




#13
1,4-Dichlorobenzene
Concen: 42.336 ng
RT: 8.34 min Scan# 1063
Delta R.T. -0.00 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

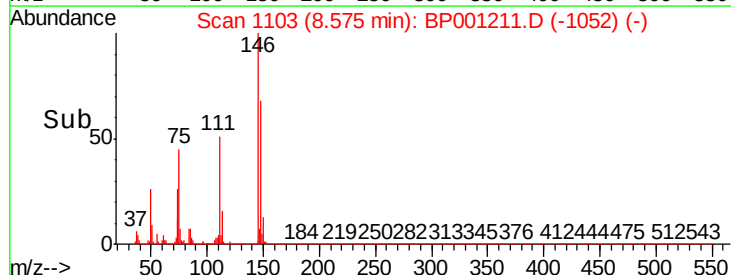
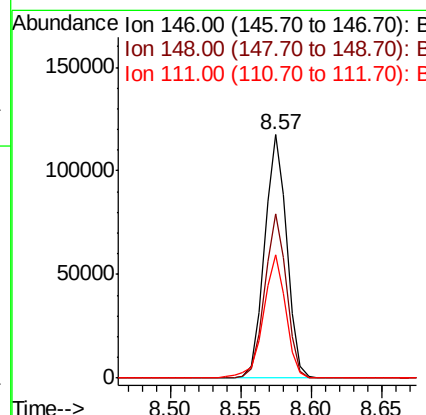
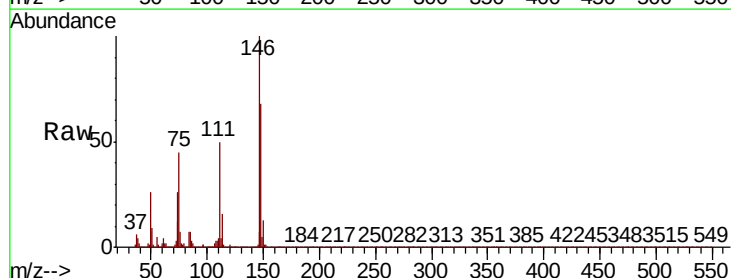
Instrument :
BNA_P
ClientSampleId :

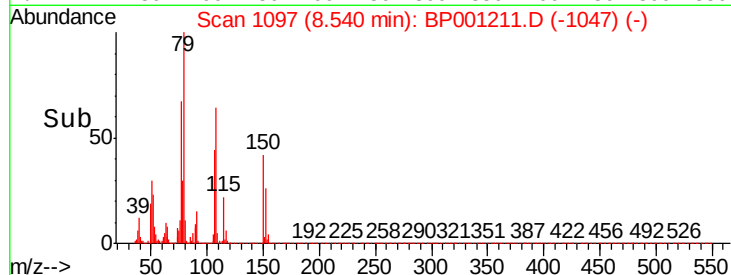
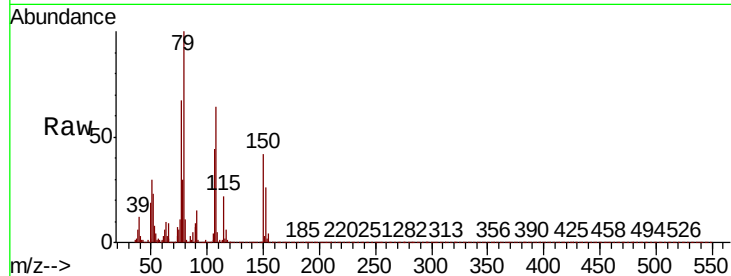
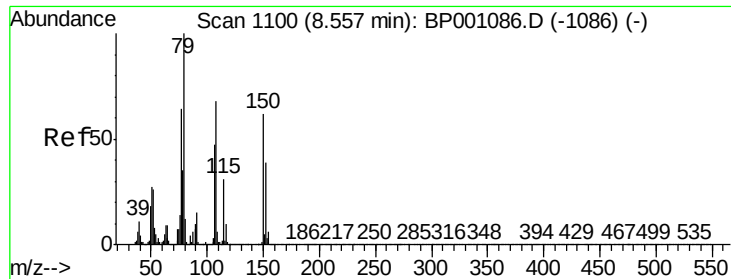
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.8	76.2
111	45.4	37.3	55.9



#14
1,2-Dichlorobenzene
Concen: 42.506 ng
RT: 8.57 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.6	51.5	77.3
111	50.5	40.7	61.1

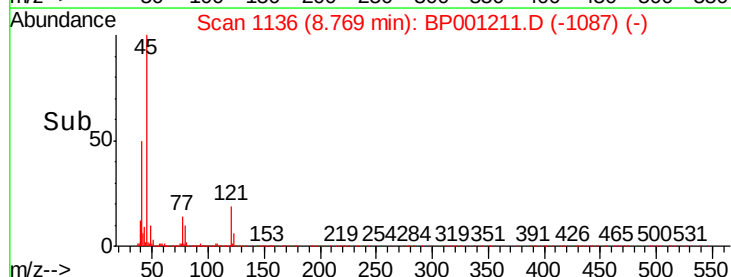
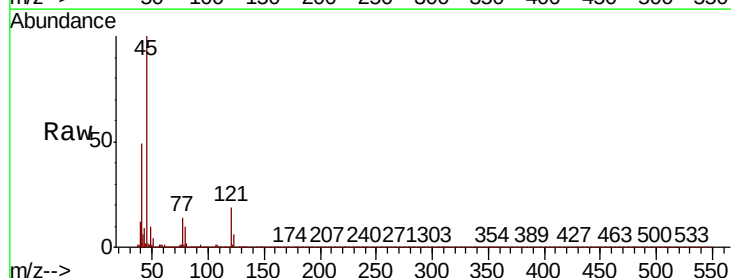
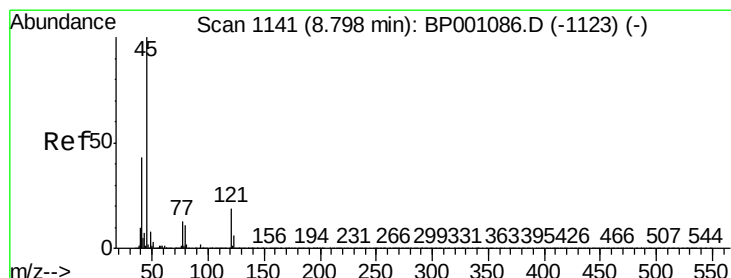
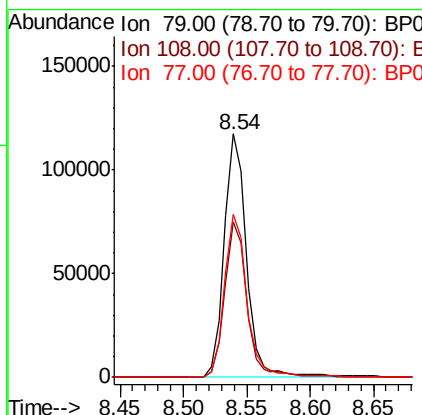




#15
Benzyl Alcohol
Concen: 49.928 ng
RT: 8.54 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

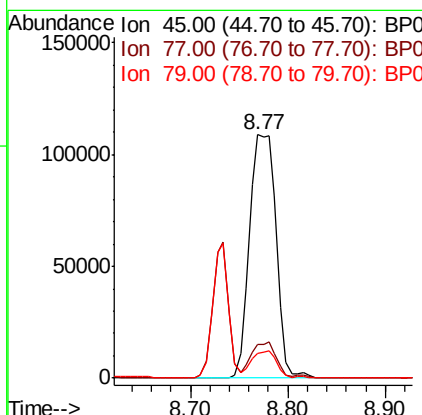
Instrument :
BNA_P
ClientSampleId :

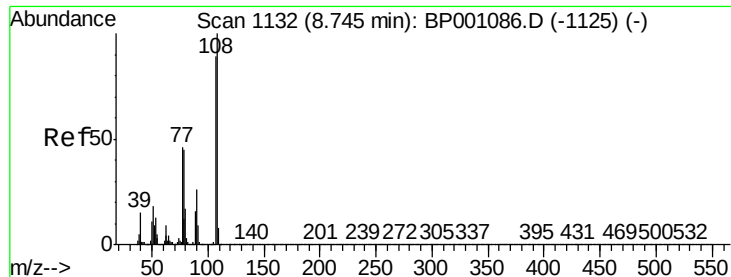
Tot Ion	Ratio	Lower	Upper
79	100		
108	63.7	51.6	77.4
77	67.2	53.5	80.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.072 ng
RT: 8.77 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.8	0.0	33.9
79	10.3	0.0	30.9





#17

2-Methylphenol

Concen: 45.859 ng

RT: 8.73 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

Instrument :

BNA_P

ClientSampleId :

Tot Ion:107 Resp: 114204

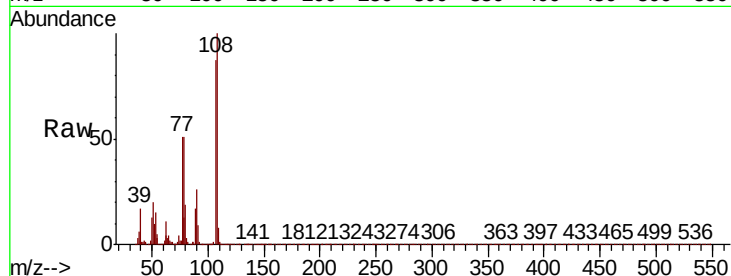
Ion Ratio Lower Upper

107 100

108 114.5 88.8 133.2

77 58.2 46.3 69.5

79 57.9 46.6 70.0

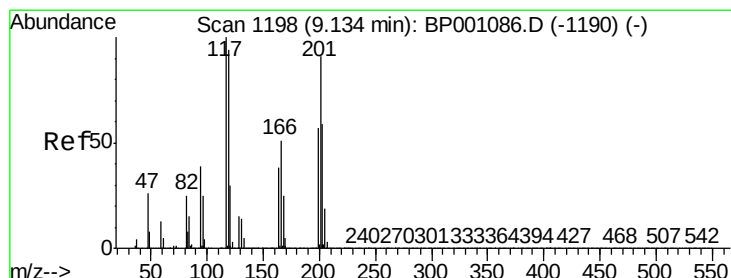
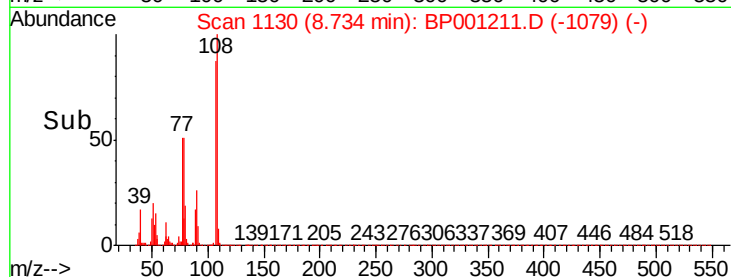
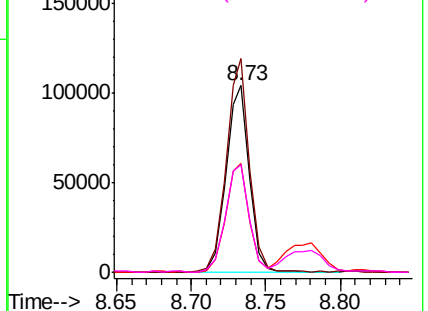


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18

Hexachloroethane

Concen: 41.955 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.00 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

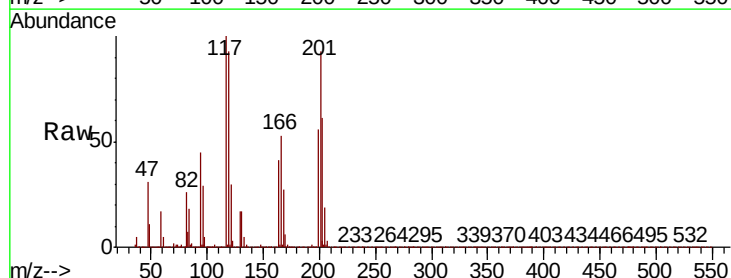
Tgt Ion:117 Resp: 56259

Ion Ratio Lower Upper

117 100

119 93.3 78.7 118.1

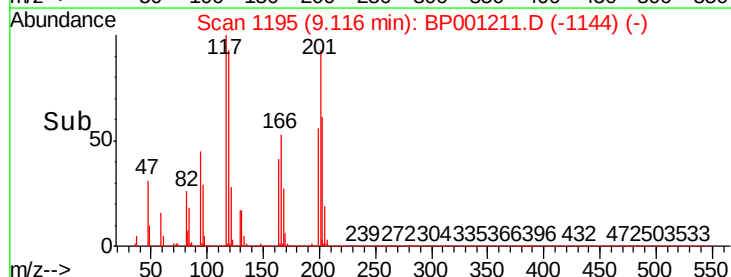
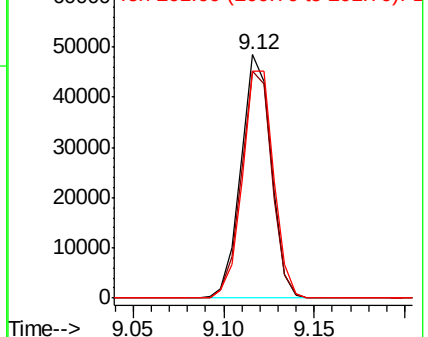
201 93.3 75.5 113.3

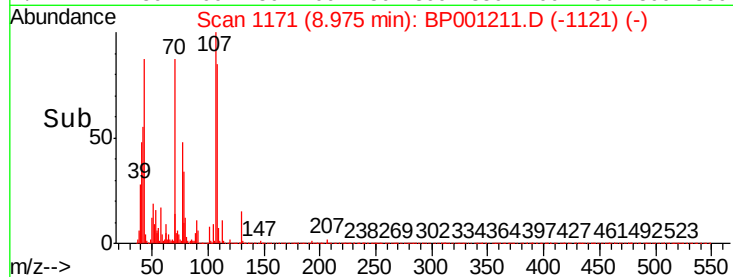
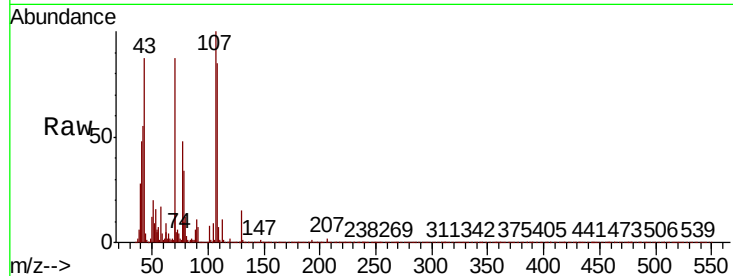
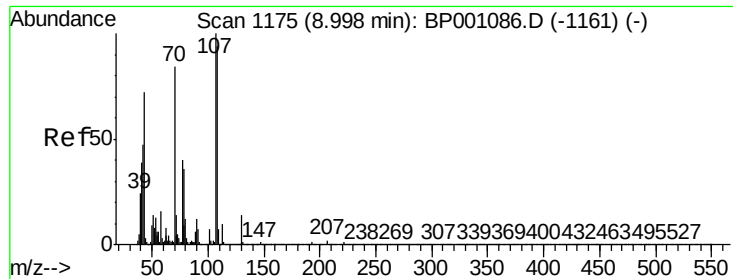


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 44.609 ng

RT: 8.97 min Scan# 1171

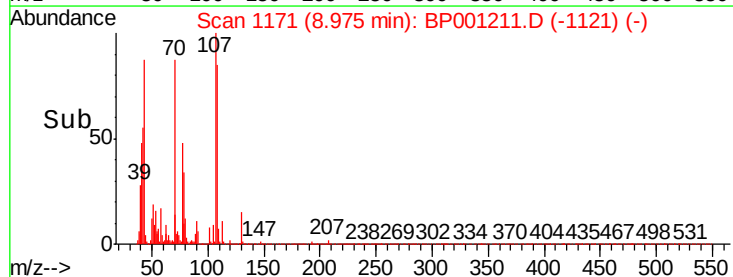
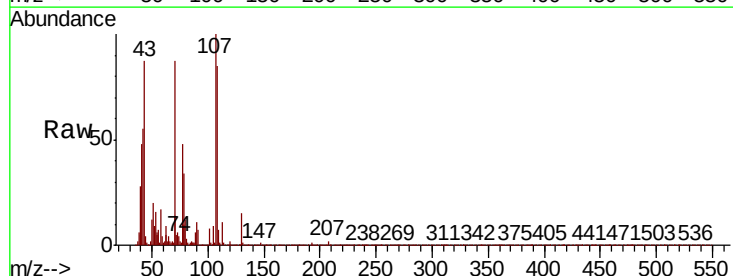
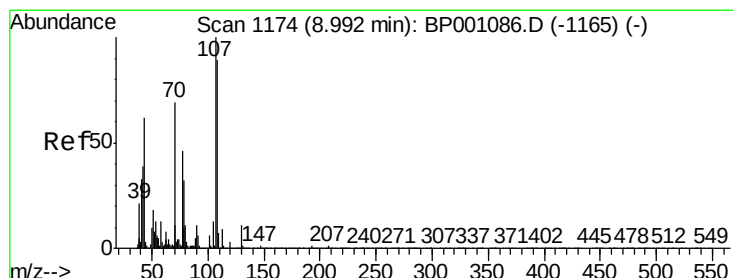
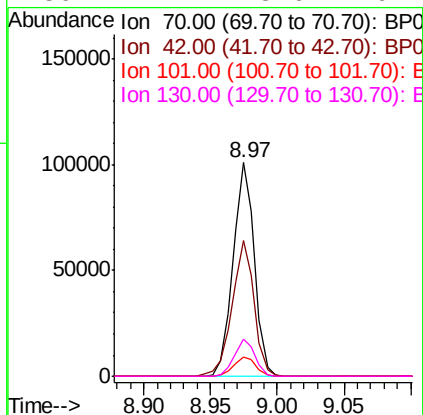
Delta R.T. -0.01 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	70	Resp:	112527
Ion	Ratio	Lower	Upper
70	100		
42	63.5	50.6	76.0
101	9.1	7.1	10.7
130	17.2	13.6	20.4



#20

3+4-Methylphenols

Concen: 47.712 ng

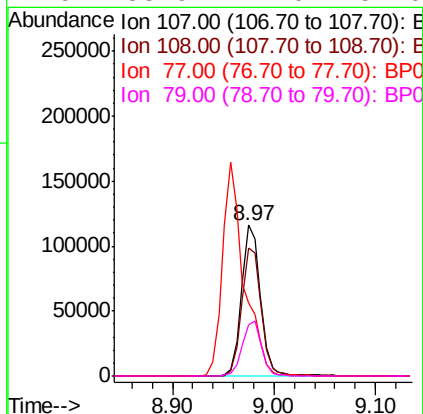
RT: 8.97 min Scan# 1171

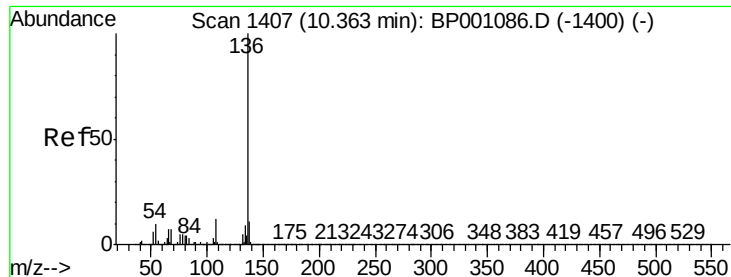
Delta R.T. -0.01 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

Tgt Ion:	107	Resp:	149779
Ion	Ratio	Lower	Upper
107	100		
108	85.1	68.3	108.3
77	48.1	25.2	65.2
79	33.9	17.0	57.0

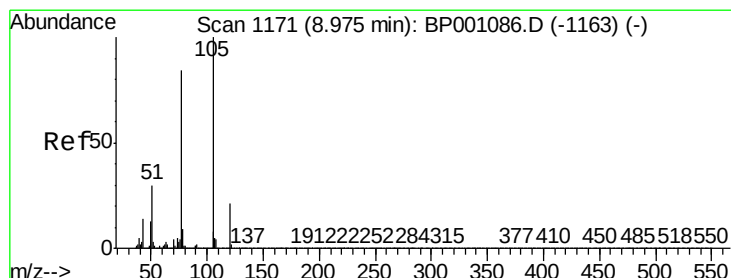
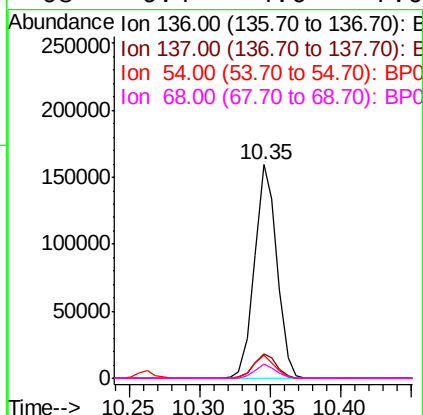
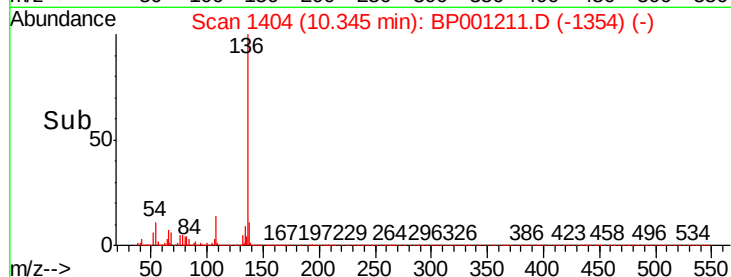
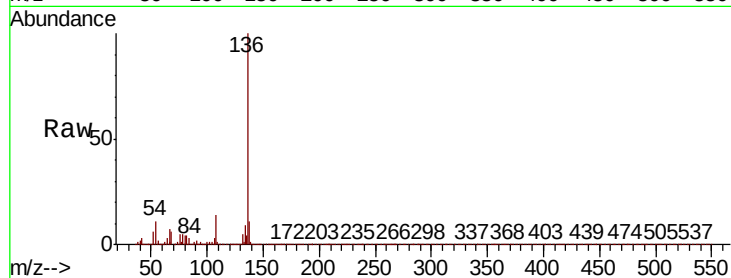




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

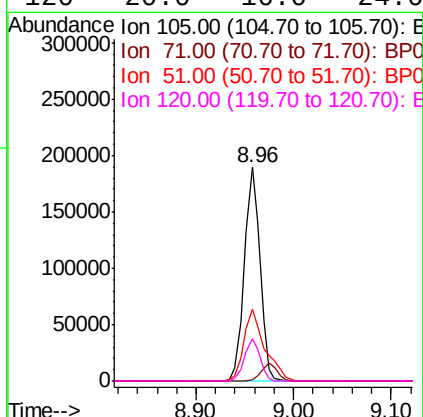
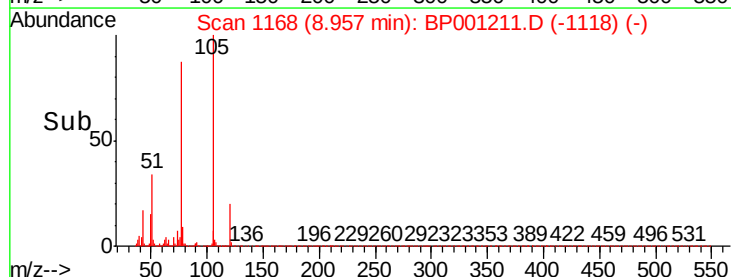
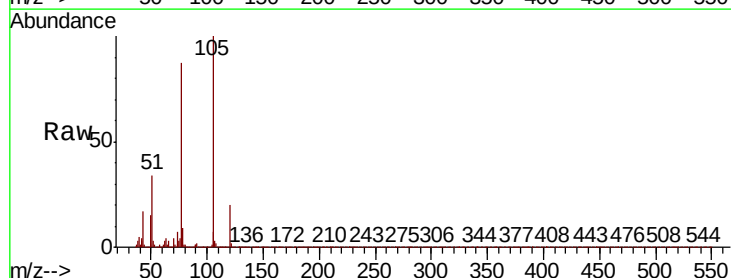
Instrument :
BNA_P
ClientSampled :

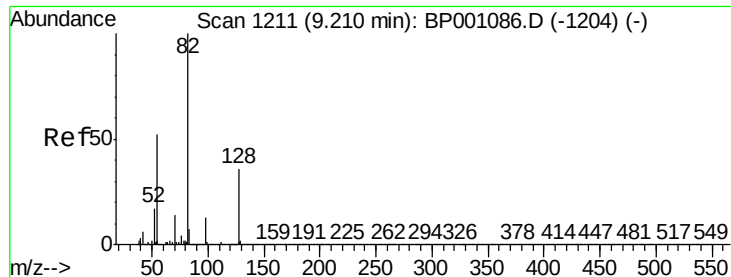
Tot Ion:136	Resp:	177861	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	8.4	12.6	
54 10.9	7.4	11.0	
68 6.4	4.6	7.0	



#22
Acetophenone
Concen: 40.463 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion	Ion:105 Ratio	Resp: Lower	211525 Upper
105	100		
71	0.6	0.7	1.1#
51	33.7	26.9	40.3
120	20.0	16.0	24.0

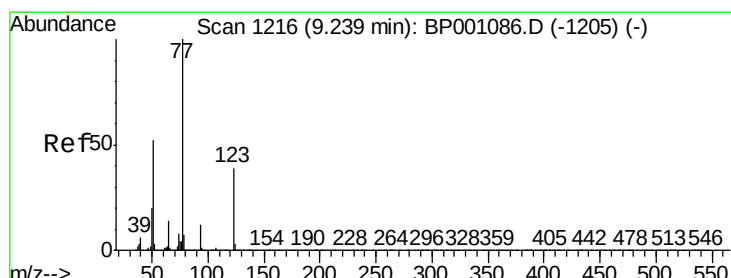
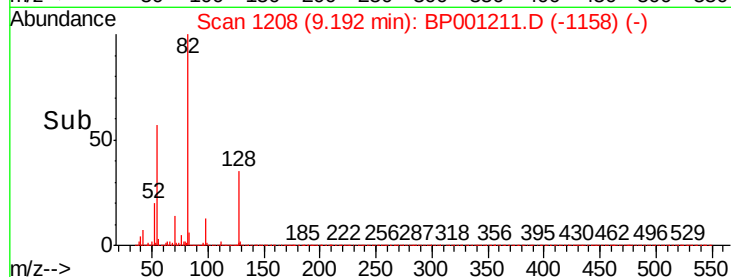
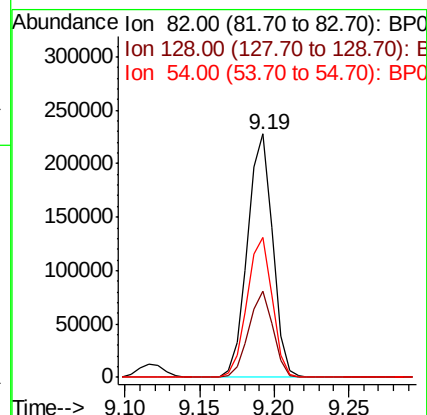
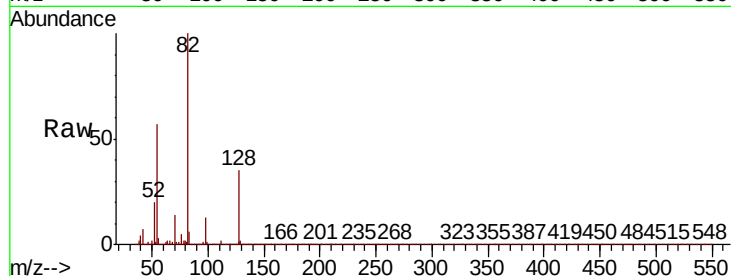




#23
Nitrobenzene-d5
Concen: 64.742 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

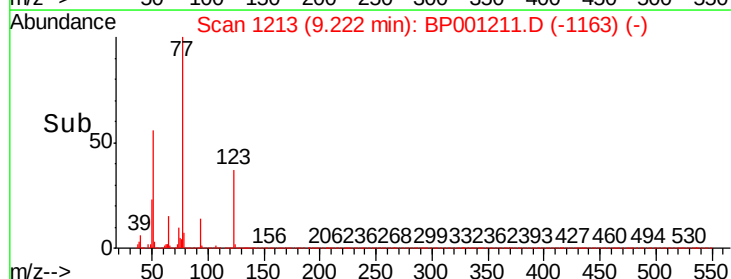
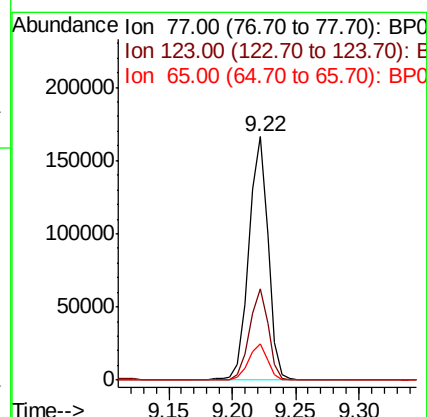
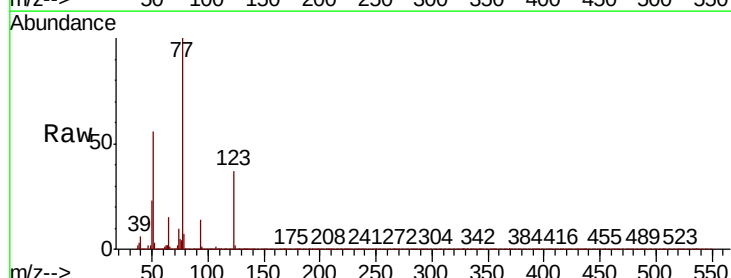
Instrument :
BNA_P
ClientSampleId :

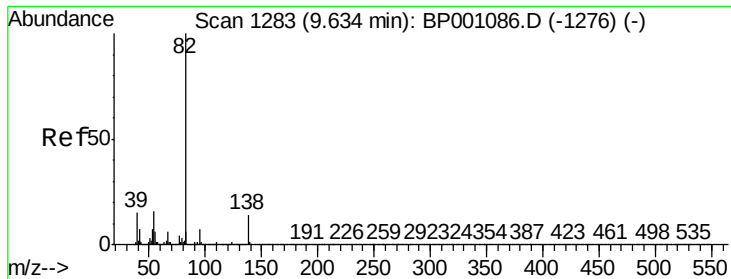
Tot Ion	82	Resp	265411
Ion Ratio	100	Lower	Upper
128	35.5	27.5	41.3
54	57.4	45.7	68.5



#24
Nitrobenzene
Concen: 42.529 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion	77	Resp	173371
Ion Ratio	100	Lower	Upper
123	37.3	30.2	45.4
65	15.0	11.9	17.9





#25

Isophorone

Concen: 41.572 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

Instrument :

BNA_P

ClientSampleId :

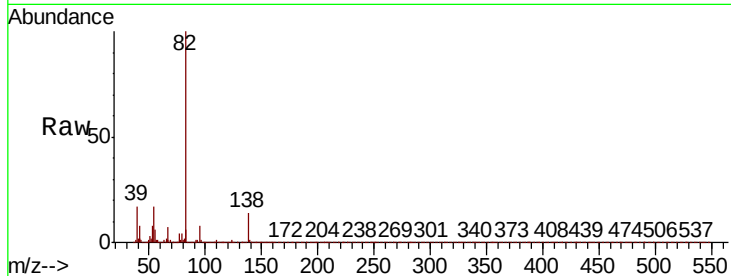
Tot Ion: 82 Resp: 305605

Ion Ratio Lower Upper

82 100

95 8.4 6.3 9.5

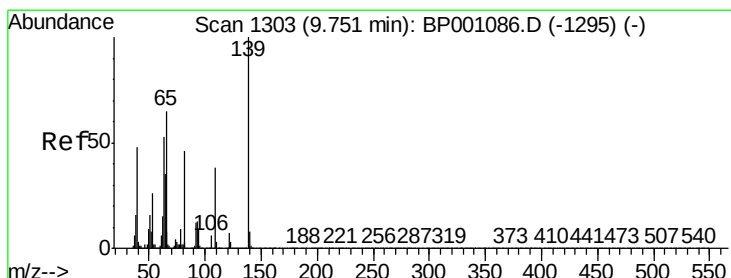
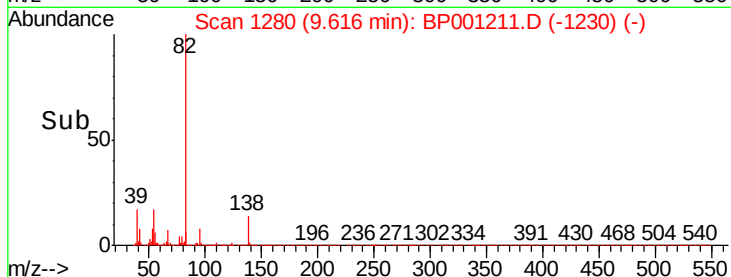
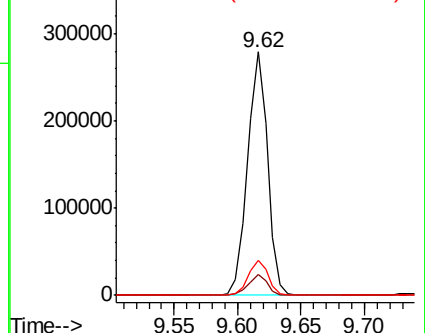
138 14.3 11.4 17.0



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 138.00 (137.70 to 138.70): BP0



#26

2-Nitrophenol

Concen: 42.341 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

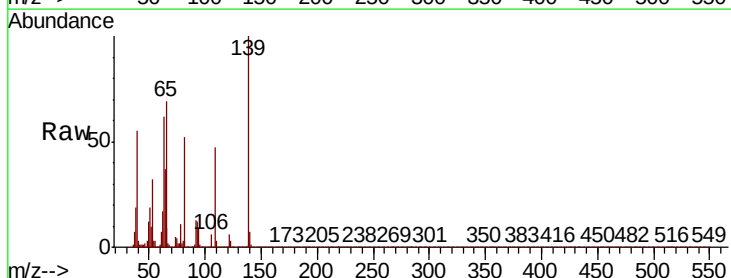
Tgt Ion: 139 Resp: 63222

Ion Ratio Lower Upper

139 100

109 46.9 35.5 53.3

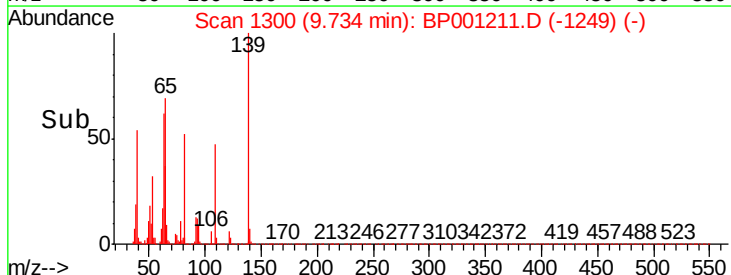
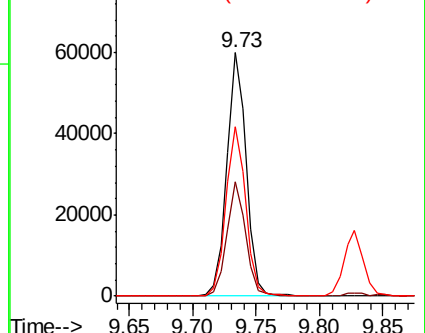
65 69.4 59.3 88.9

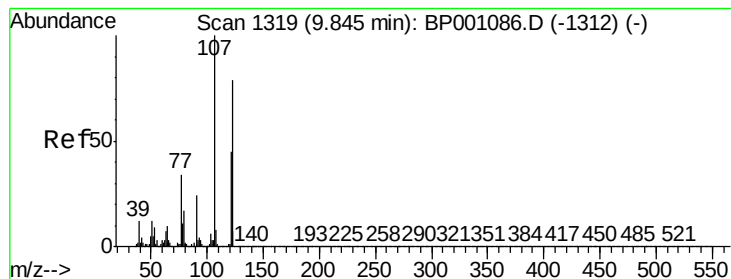


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0





#27

2,4-Dimethylphenol

Concen: 47.931 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

Instrument :

BNA_P

ClientSampleId :

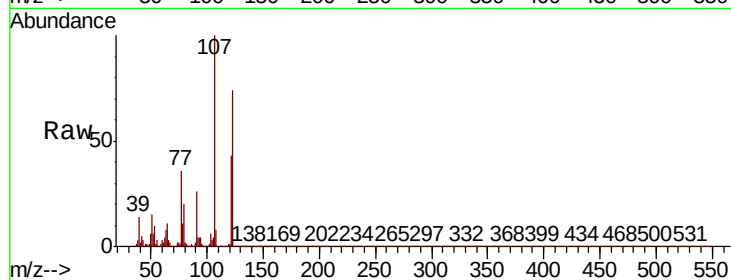
Tot Ion:122 Resp: 113365

Ion Ratio Lower Upper

122 100

107 135.3 106.7 160.1

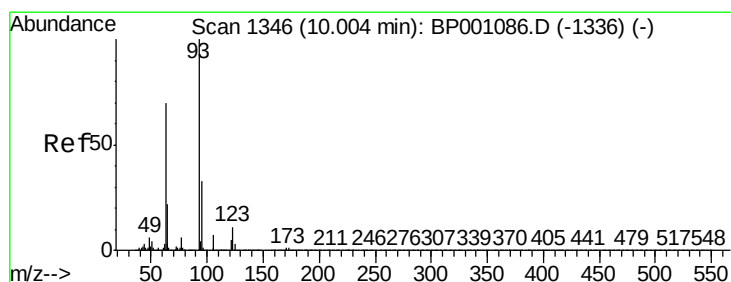
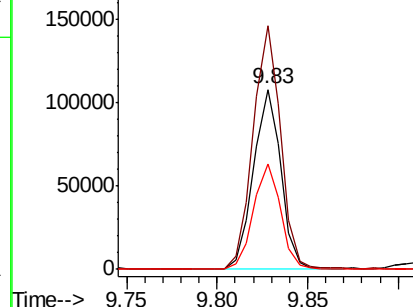
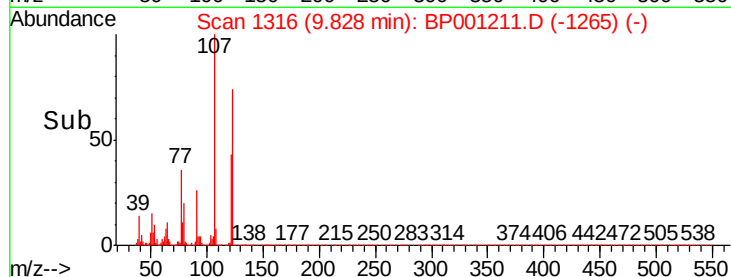
121 58.8 47.3 70.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.552 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

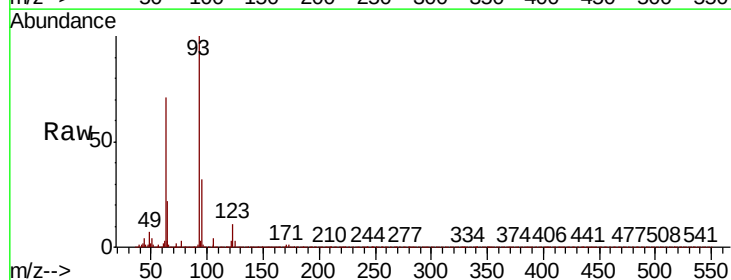
Tgt Ion: 93 Resp: 173202

Ion Ratio Lower Upper

93 100

95 32.2 25.8 38.6

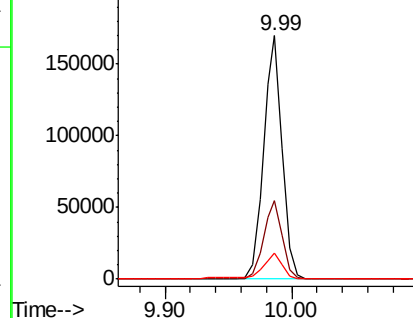
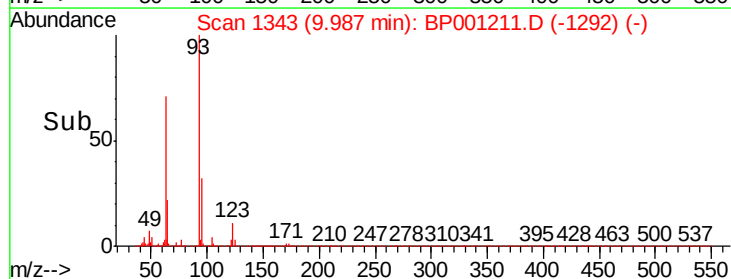
123 10.9 8.5 12.7

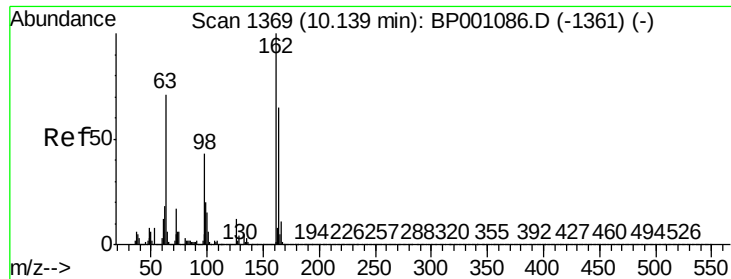


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E

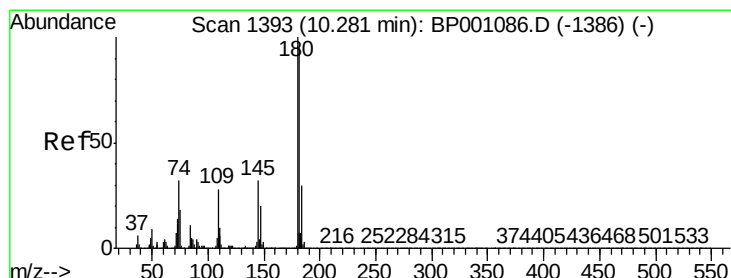
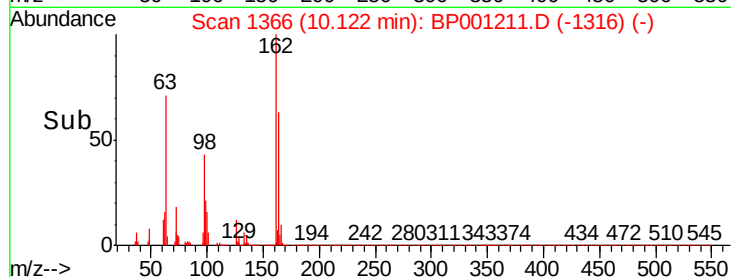
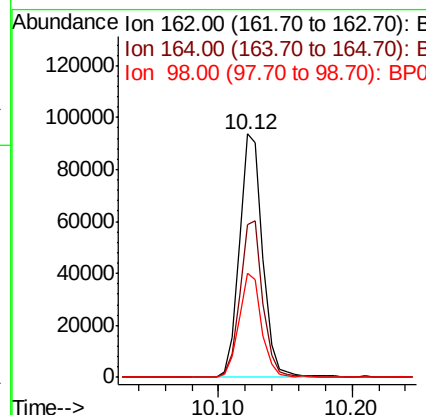
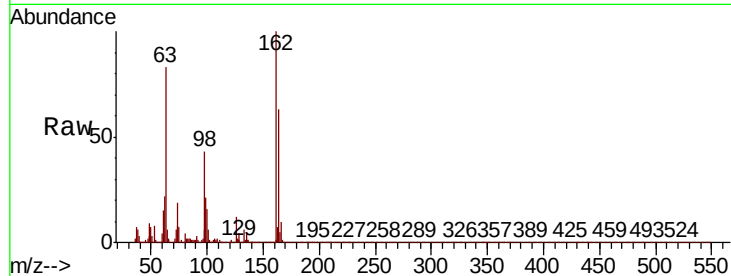




#29
 2,4-Dichlorophenol
 Concen: 42.272 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.01 min
 Lab File: BP001211.D
 Acq: 05 Dec 2019 14:59

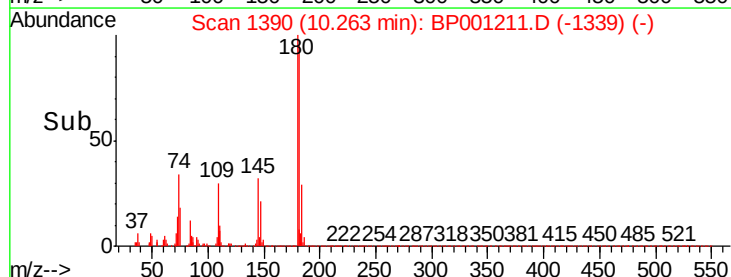
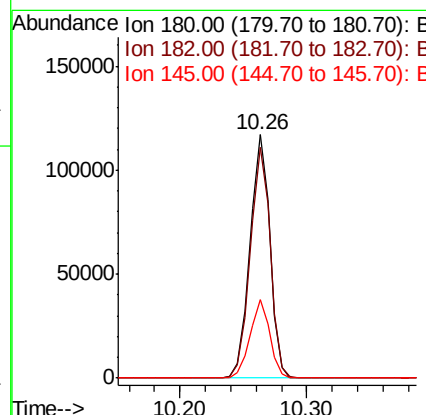
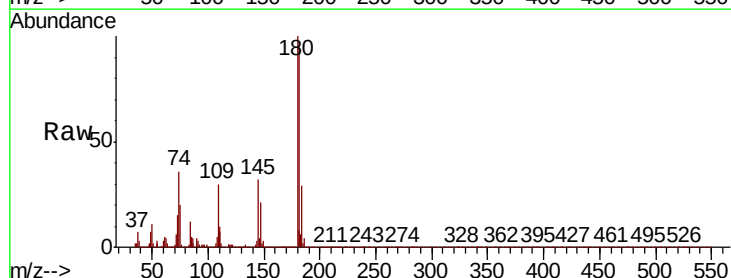
Instrument :
 BNA_P
 ClientSampleId :

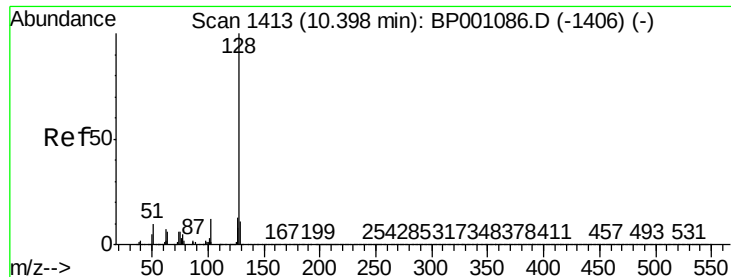
Tot Ion:162 Resp: 113793
 Ion Ratio Lower Upper
 162 100
 164 62.6 44.7 84.7
 98 43.0 22.9 62.9



#30
 1,2,4-Trichlorobenzene
 Concen: 40.407 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BP001211.D
 Acq: 05 Dec 2019 14:59

Tgt Ion:180 Resp: 127043
 Ion Ratio Lower Upper
 180 100
 182 94.5 75.4 113.0
 145 32.3 25.1 37.7

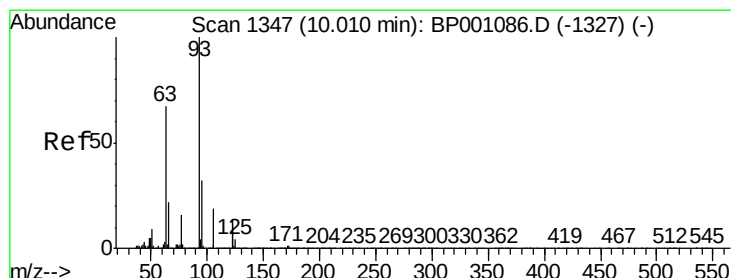
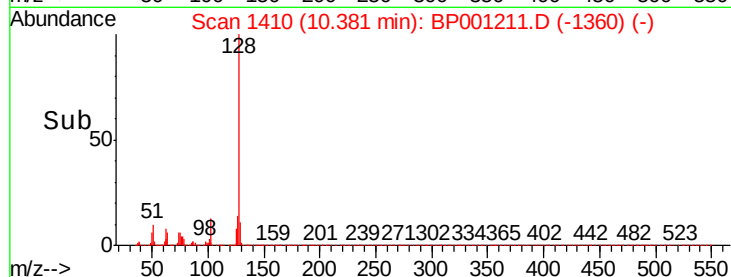
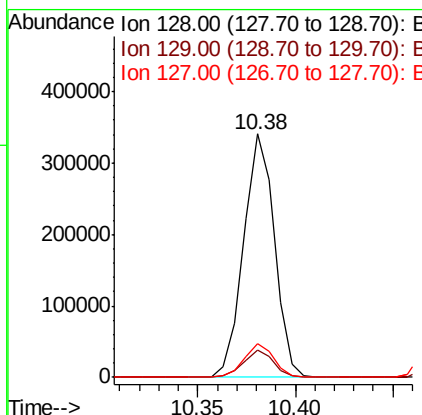
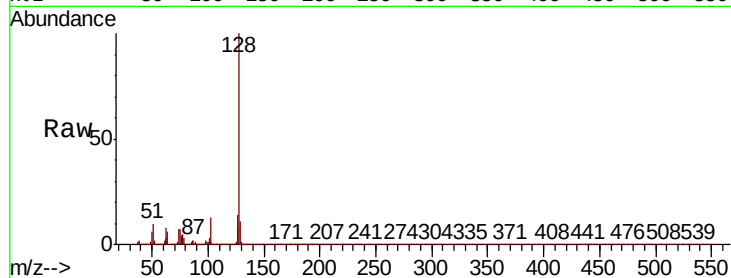




#31
Naphthalene
Concen: 41.039 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

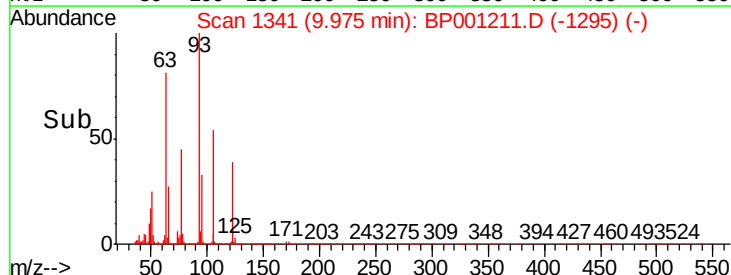
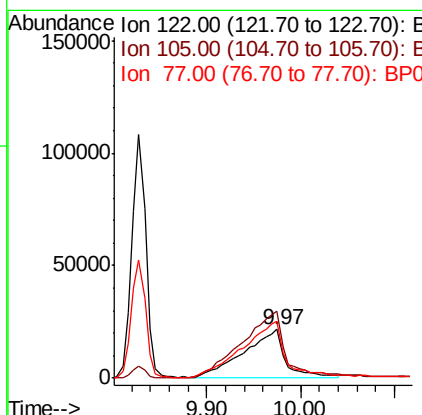
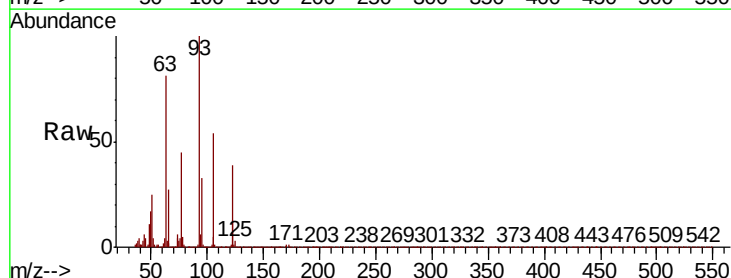
Instrument :
BNA_P
ClientSampled :

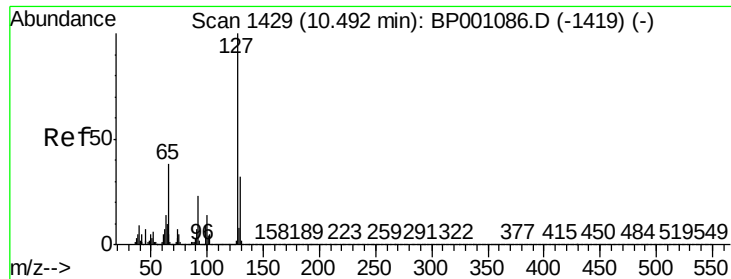
Tot Ion:128 Resp: 372793
Ion Ratio Lower Upper
128 100
129 11.3 8.3 12.5
127 13.8 10.6 16.0



#32
Benzoic acid
Concen: 37.985 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.03 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion:122 Resp: 64951
Ion Ratio Lower Upper
122 100
105 137.5 122.3 162.3
77 115.0 100.4 140.4

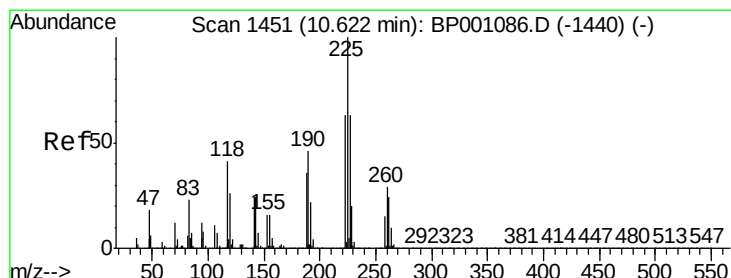
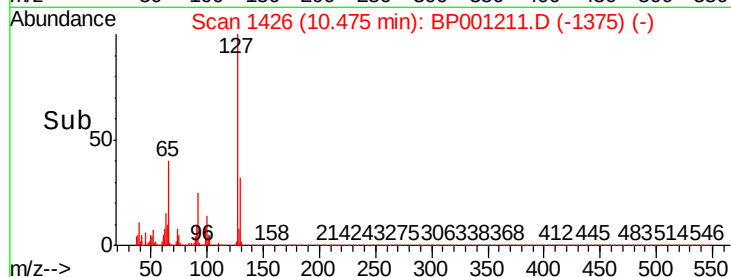
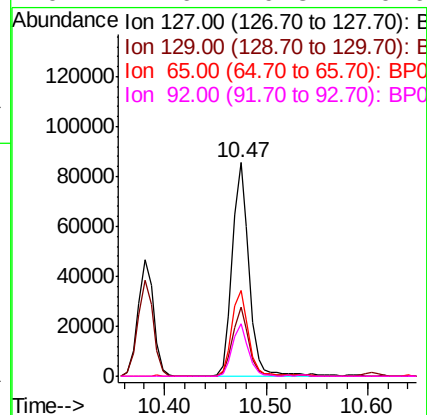
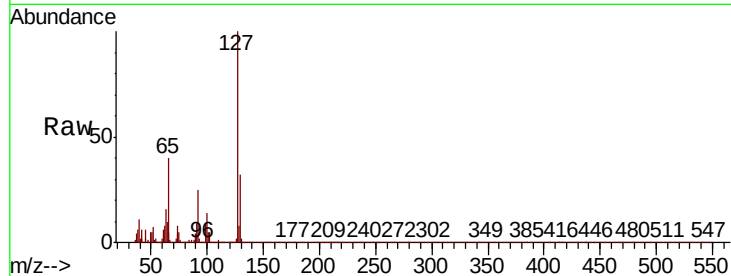




#33
4-Chloroaniline
Concen: 25.087 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

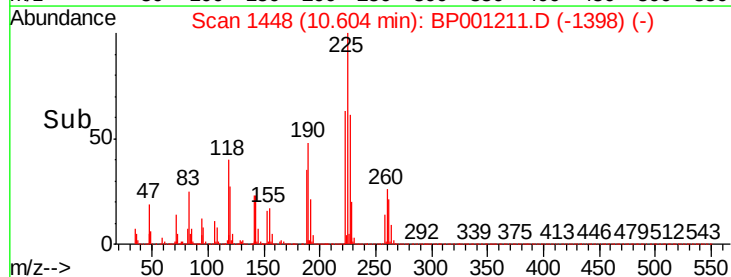
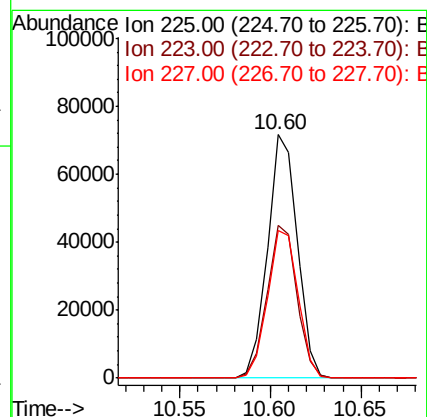
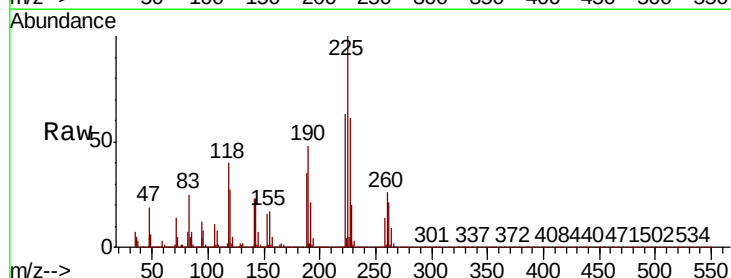
Instrument :
BNA_P
ClientSampleId :

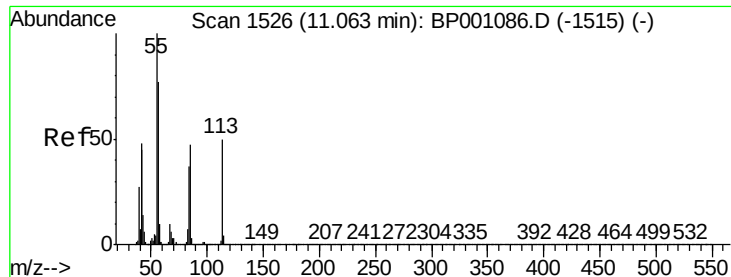
Tot Ion:	127	Resp:	98893
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.6	38.4
65	40.0	33.6	50.4
92	24.6	19.8	29.6



#34
Hexachlorobutadiene
Concen: 41.320 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion:	225	Resp:	81725
Ion	Ratio	Lower	Upper
225	100		
223	62.7	47.8	71.6
227	60.6	50.0	75.0

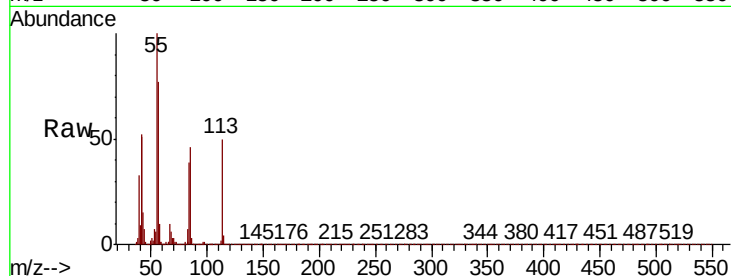




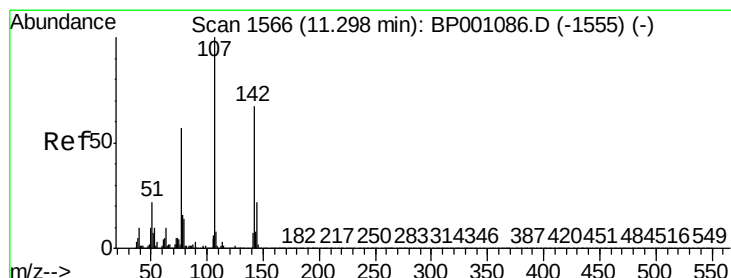
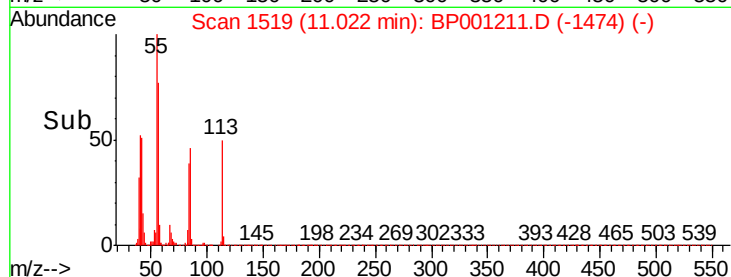
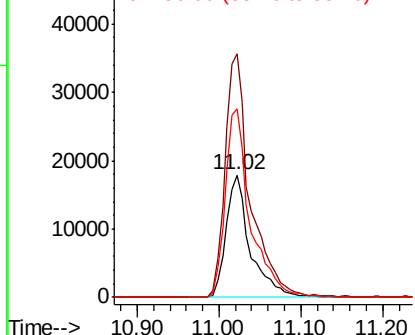
#35
Caprolactam
Concen: 39.336 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.04 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Instrument :
BNA_P
ClientSampleId :

Tot Ion:113 Resp: 36494
Ion Ratio Lower Upper
113 100
55 199.0 185.4 225.4
56 153.8 136.9 176.9

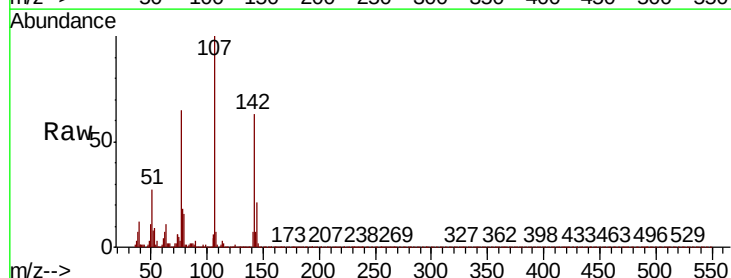


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BP0
Ion 56.00 (55.70 to 56.70): BP0

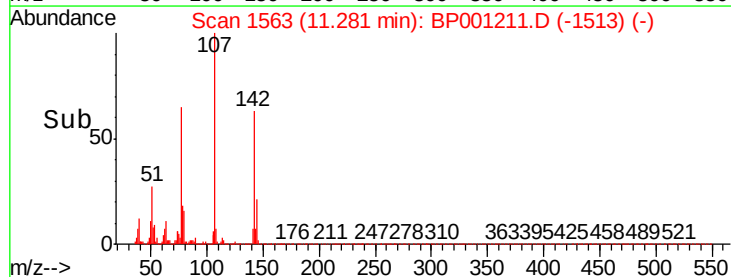
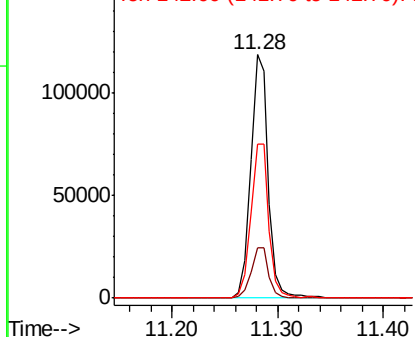


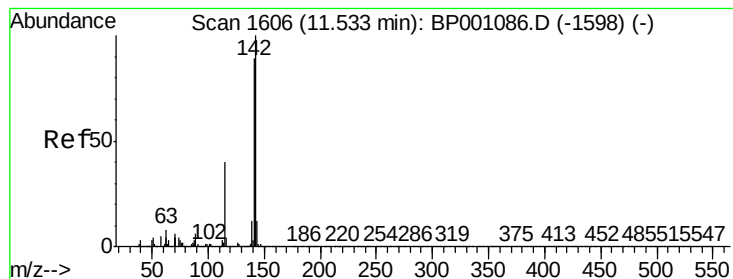
#36
4-Chloro-3-methylphenol
Concen: 42.846 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion:107 Resp: 136746
Ion Ratio Lower Upper
107 100
144 20.7 16.8 25.2
142 63.5 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: 42.057 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BP001211.D

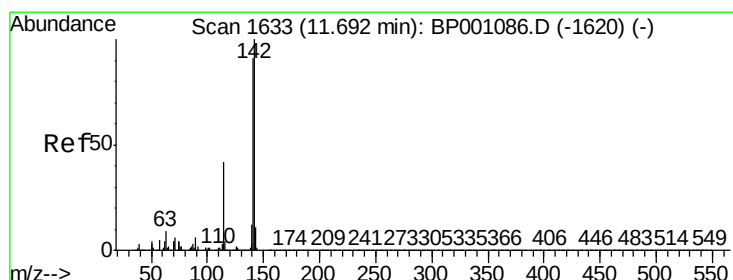
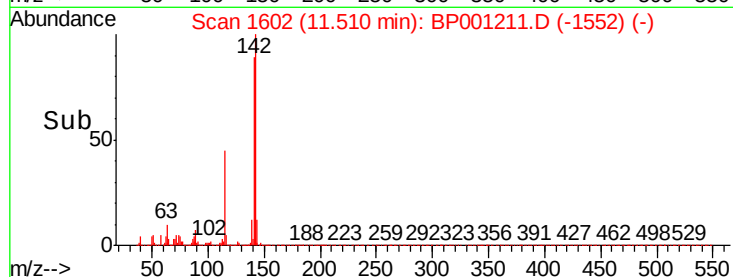
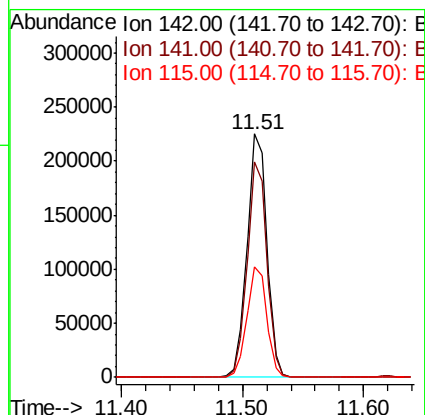
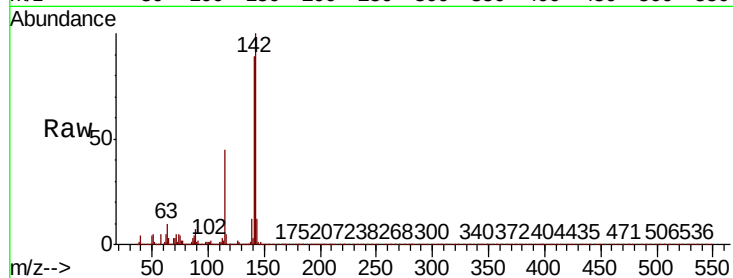
Acq: 05 Dec 2019 14:59

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	142	Resp:	260687
Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.6	107.4
115	45.3	36.0	54.0



#38

1-Methylnaphthalene

Concen: 41.440 ng

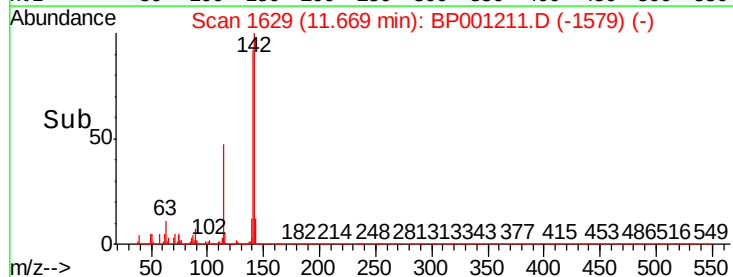
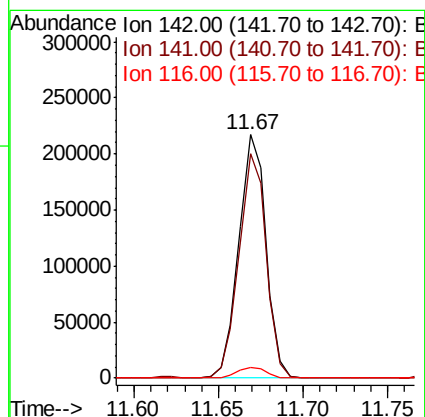
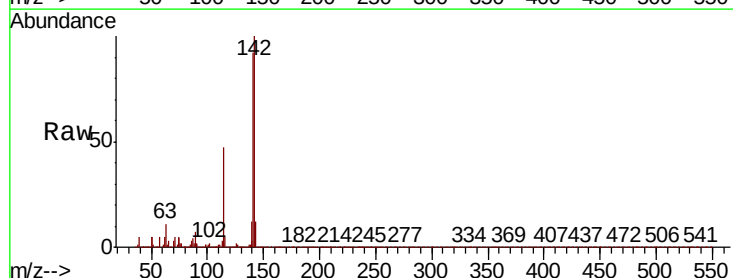
RT: 11.67 min Scan# 1629

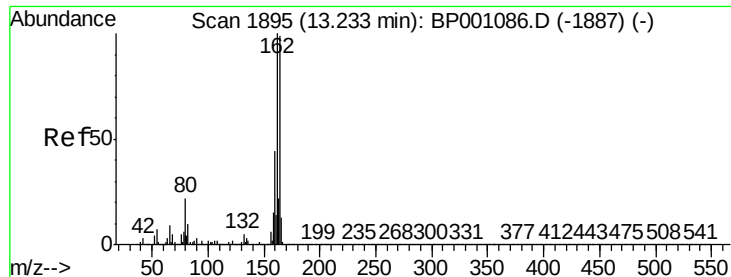
Delta R.T. -0.01 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

Tgt Ion:	142	Resp:	242641
Ion	Ratio	Lower	Upper
142	100		
141	92.1	72.7	109.1
116	4.6	3.8	5.6

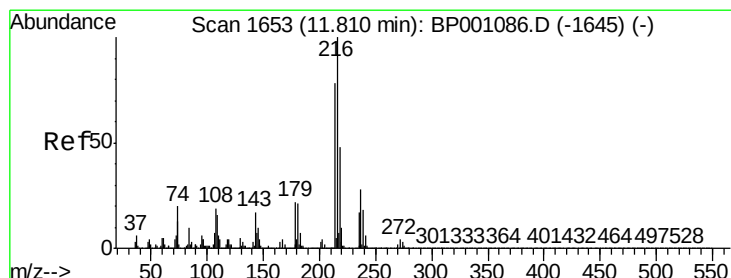
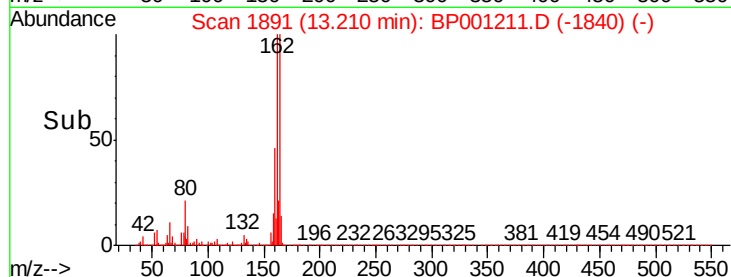
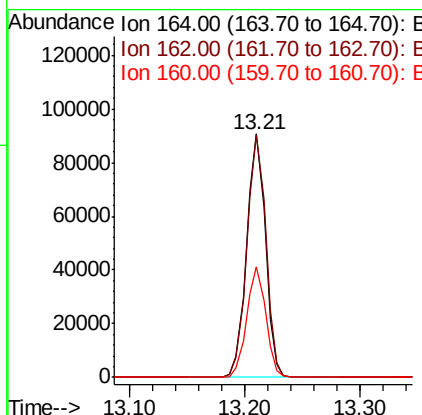
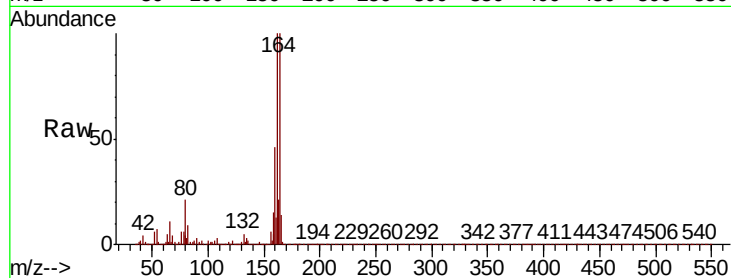




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.21 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

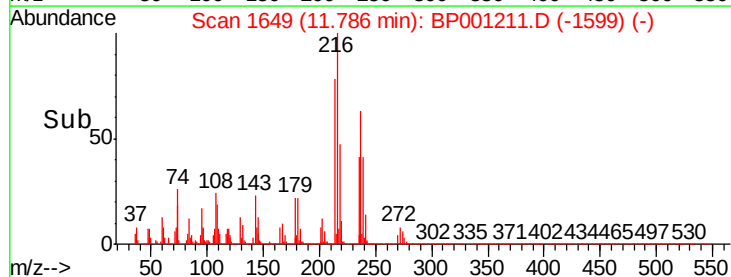
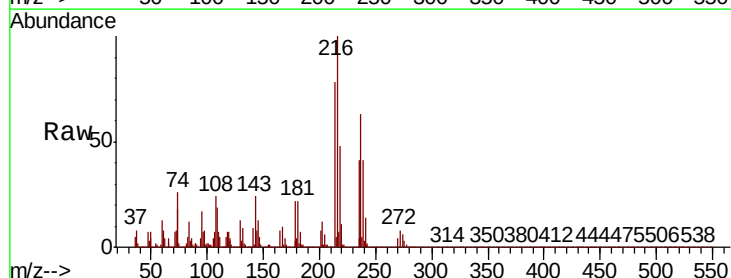
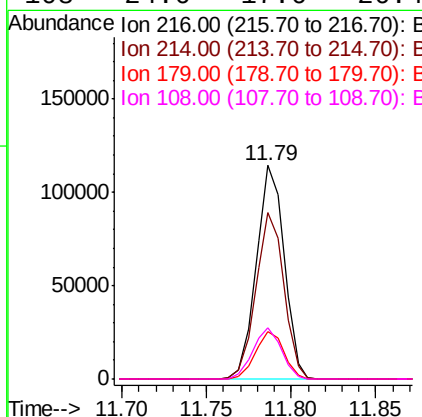
Instrument :
BNA_P
ClientSampleId :

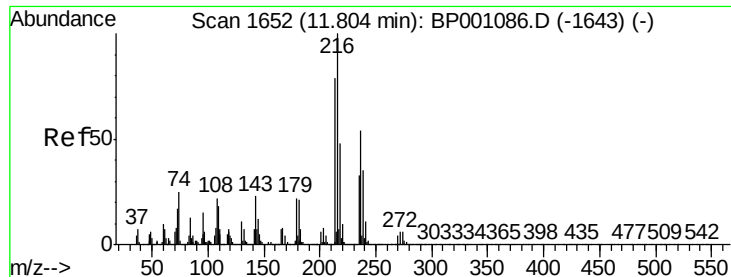
Tot Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.7	121.1
160	45.5	36.3	54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.743 ng
RT: 11.79 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.1	62.2	93.2
179	22.8	17.8	26.6
108	24.6	17.6	26.4





#41

Hexachlorocyclopentadiene

Concen: 58.298 ng

RT: 11.78 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BP001211.D

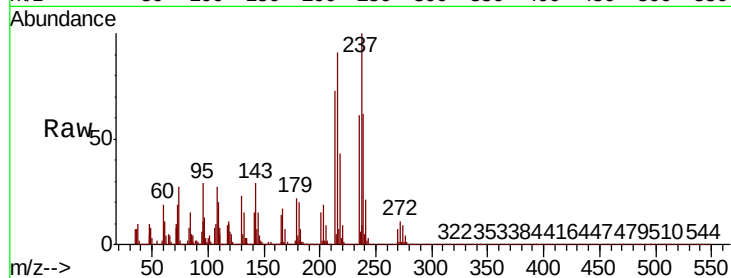
Acq: 05 Dec 2019 14:59

Instrument :

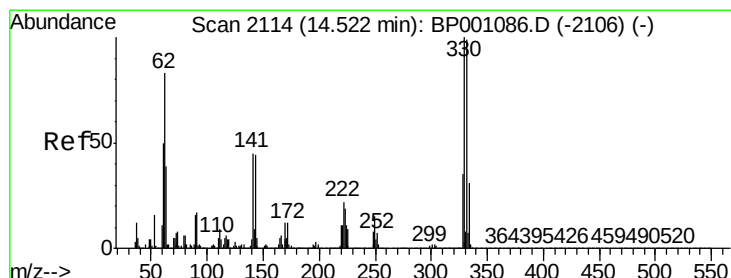
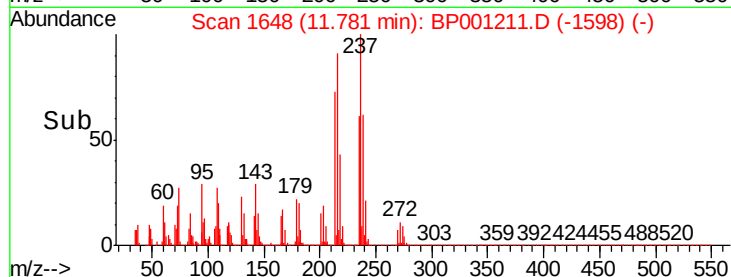
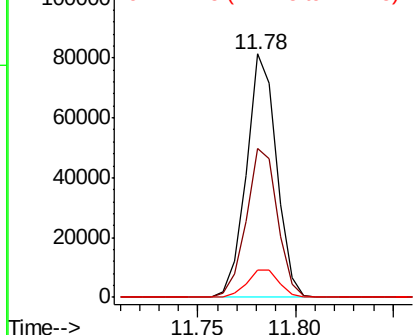
BNA_P

ClientSampled :

Tot Ion:	237	Resp:	86901
Ion	Ratio	Lower	Upper
237	100		
235	61.3	41.9	81.9
272	11.4	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: 132.265 ng

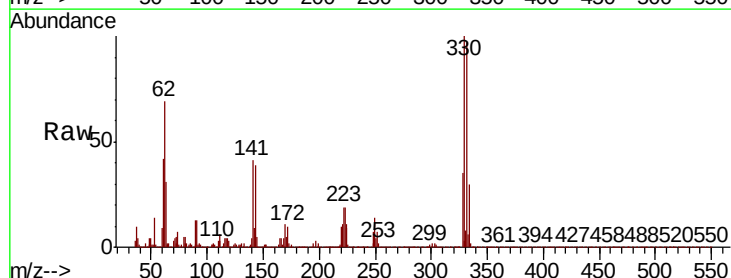
RT: 14.50 min Scan# 2111

Delta R.T. -0.00 min

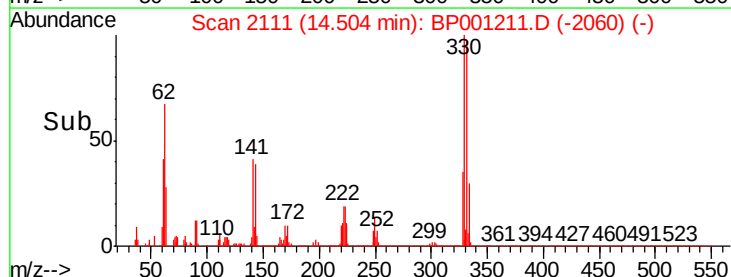
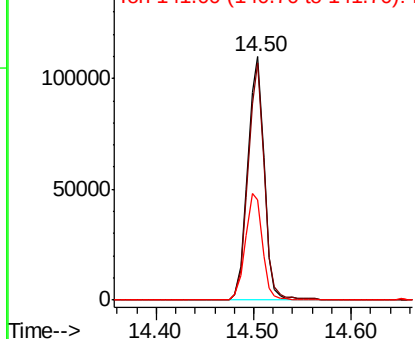
Lab File: BP001211.D

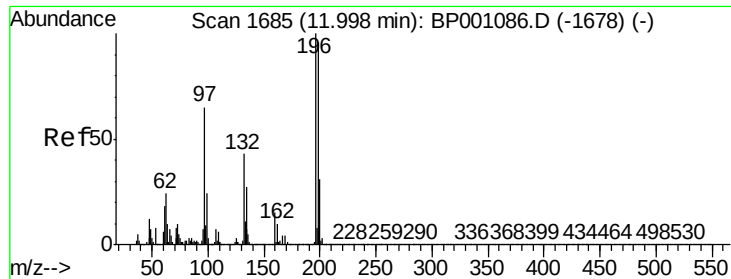
Acq: 05 Dec 2019 14:59

Tgt Ion:	330	Resp:	129983
Ion	Ratio	Lower	Upper
330	100		
332	95.8	79.1	118.7
141	44.9	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

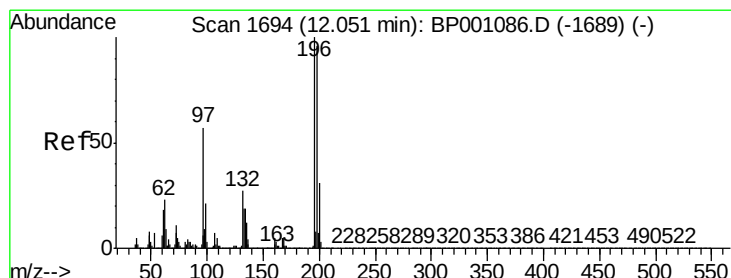
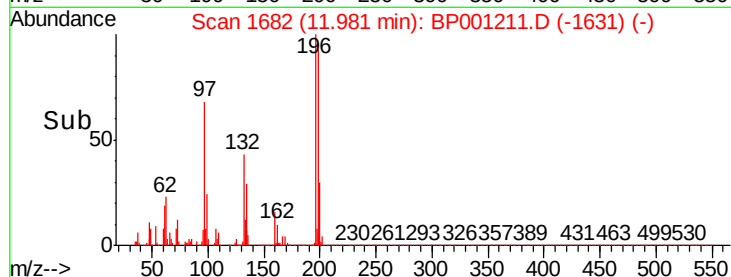
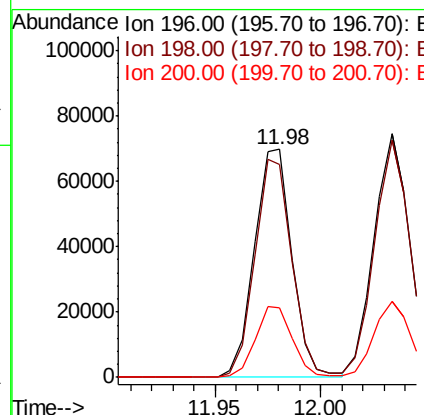
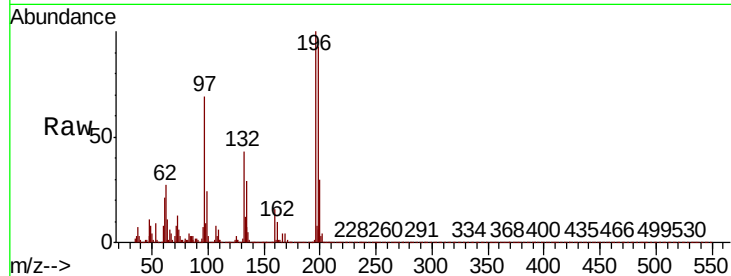




#43
 2,4,6-Trichlorophenol
 Concen: 40.992 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BP001211.D
 Acq: 05 Dec 2019 14:59

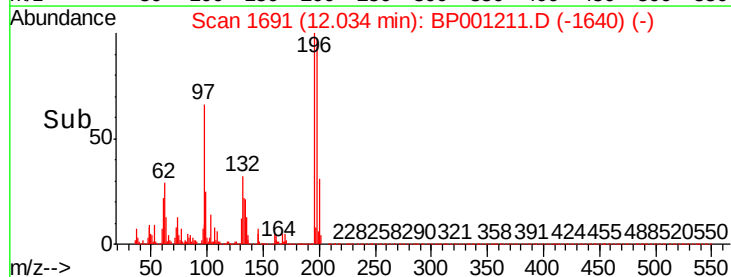
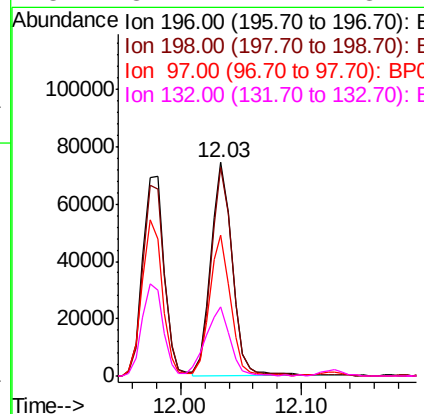
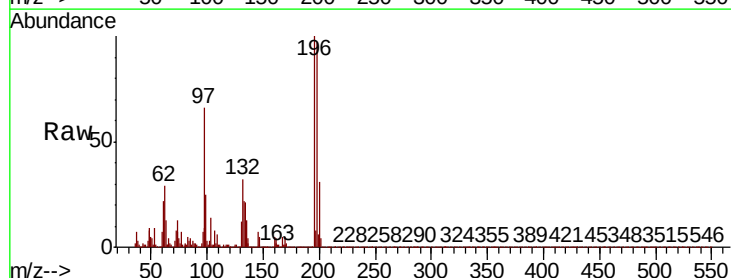
Instrument :
 BNA_P
 ClientSampleId :

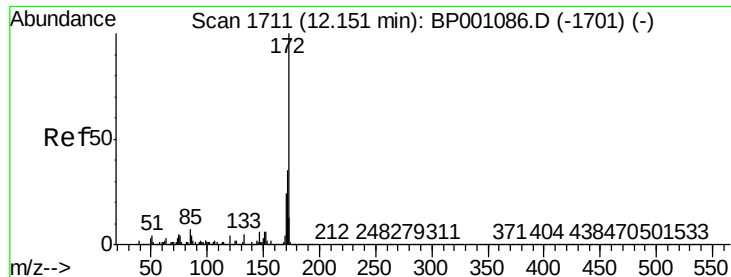
Tot Ion:196 Resp: 86482
 Ion Ratio Lower Upper
 196 100
 198 93.5 77.4 116.0
 200 30.4 25.6 38.4



#44
 2,4,5-Trichlorophenol
 Concen: 41.582 ng
 RT: 12.03 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BP001211.D
 Acq: 05 Dec 2019 14:59

Tgt Ion:196 Resp: 90895
 Ion Ratio Lower Upper
 196 100
 198 97.4 75.7 113.5
 97 66.1 51.3 76.9
 132 32.2 22.7 34.1

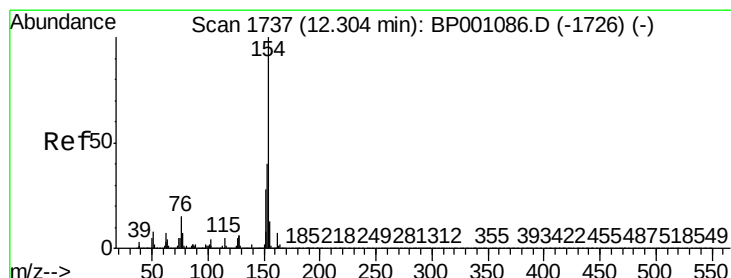
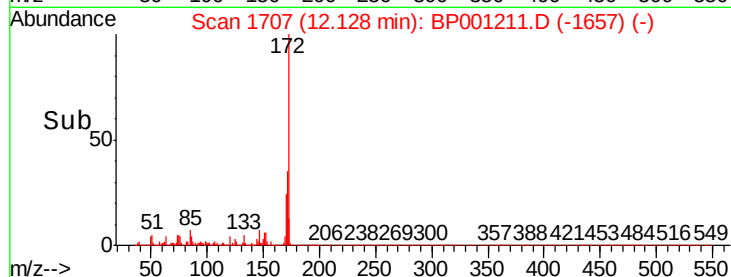
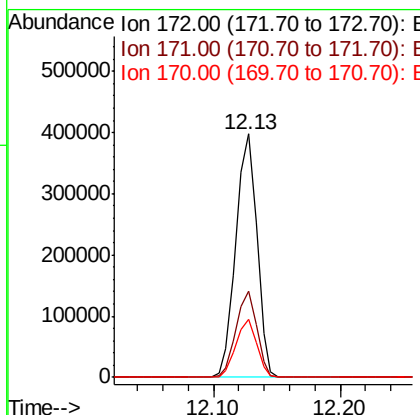
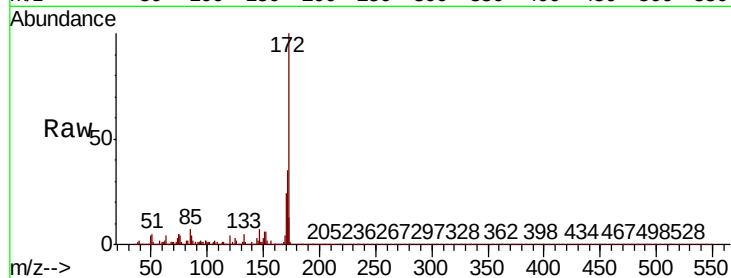




#45
2-Fluorobiphenyl
Concen: 65.007 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

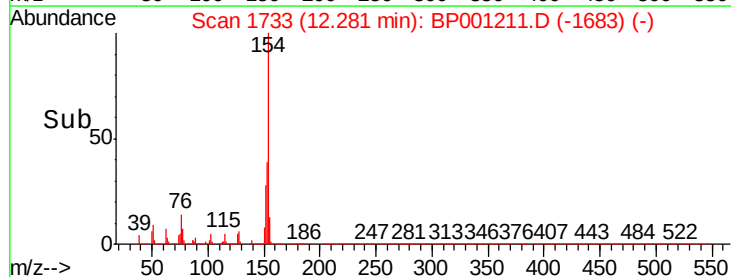
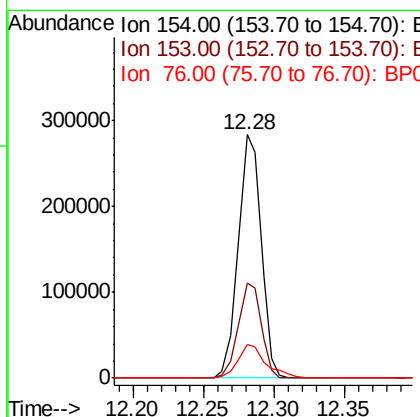
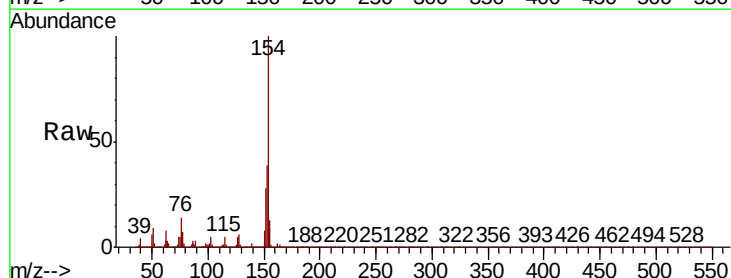
Instrument :
BNA_P
ClientSampleId :

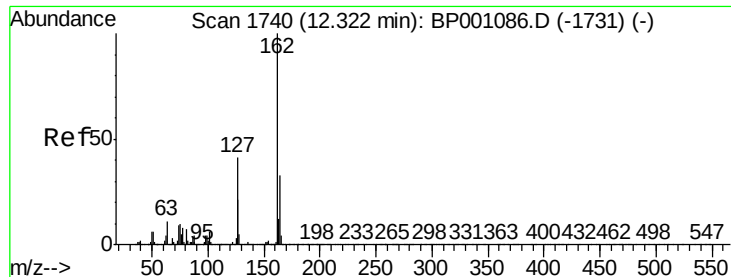
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.7	43.1
170	23.9	19.2	28.8



#46
1,1'-Biphenyl
Concen: 40.500 ng
RT: 12.28 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.3	19.3	59.3
76	13.7	0.0	34.2

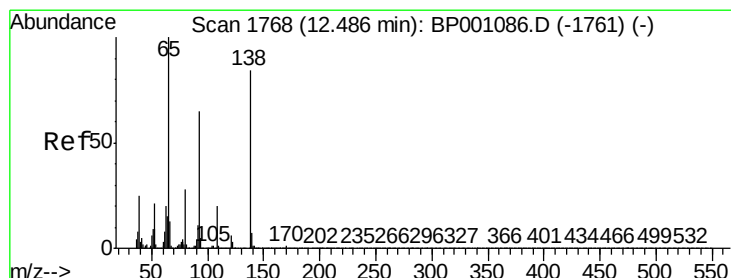
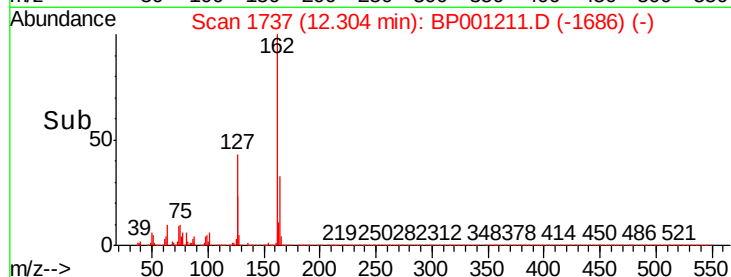
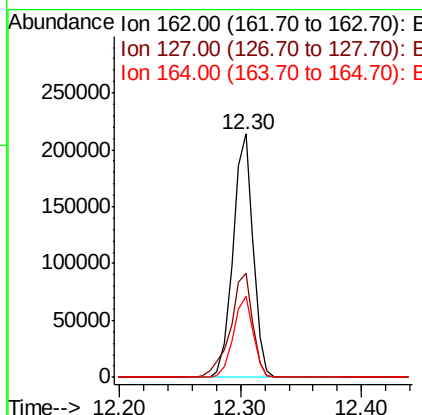
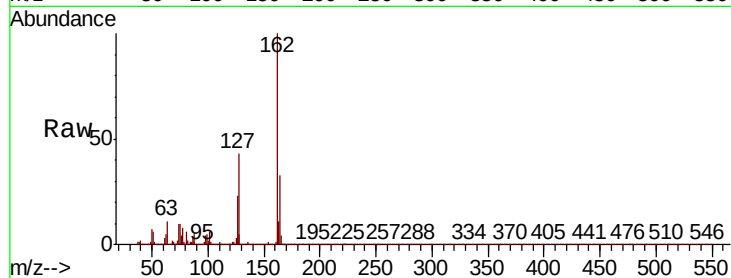




#47
2-Chloronaphthalene
Concen: 39.116 ng
RT: 12.30 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

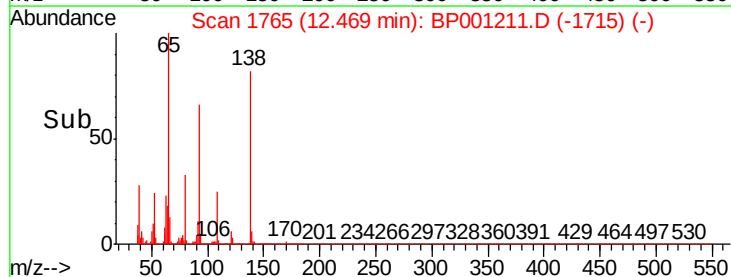
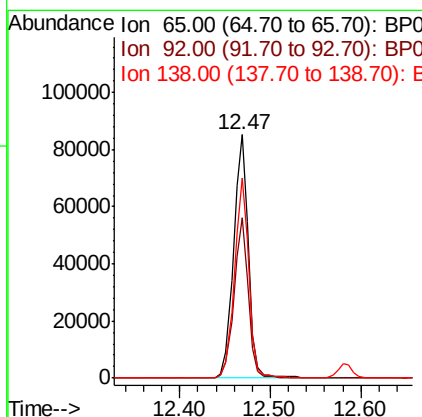
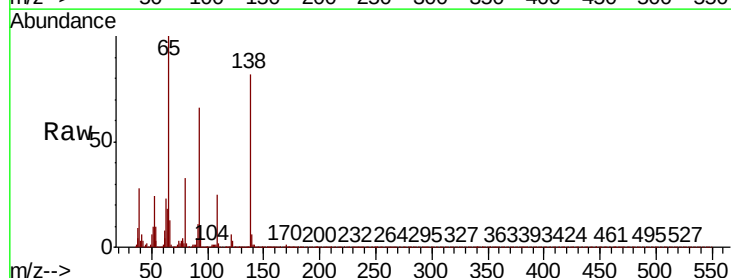
Instrument :
BNA_P
ClientSampleId :

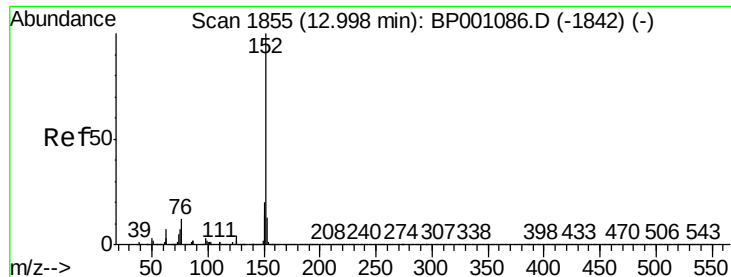
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.7	34.4	51.6
164	33.1	26.2	39.4



#48
2-Nitroaniline
Concen: 39.528 ng
RT: 12.47 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.7	49.4	74.2
138	82.2	64.8	97.2





#49

Acenaphthylene

Concen: 41.236 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BP001211.D

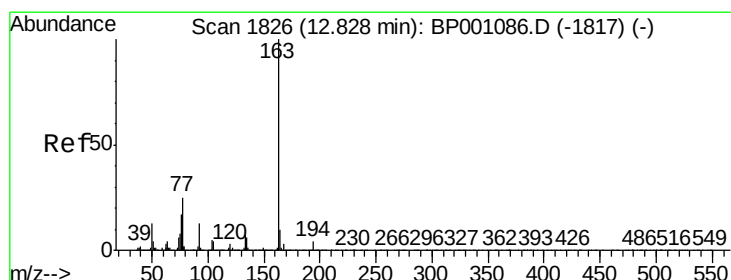
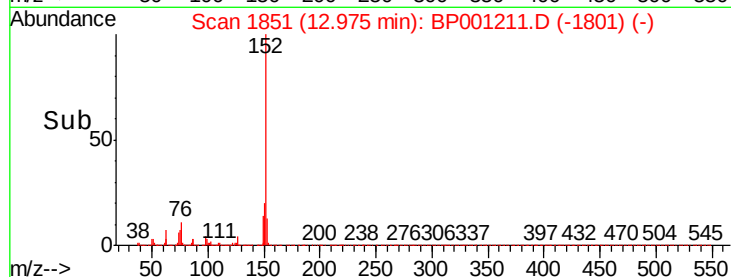
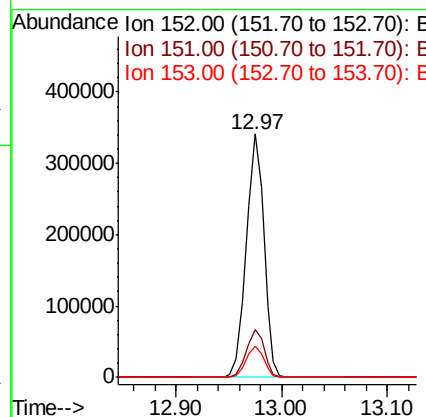
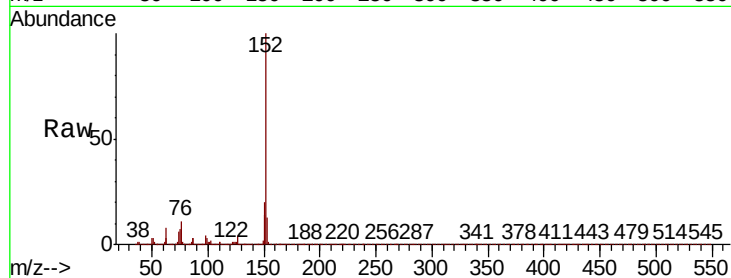
Acq: 05 Dec 2019 14:59

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	152	Resp:	391230
Ion Ratio	Lower	Upper	
152	100		
151	19.7	16.0	24.0
153	13.0	10.3	15.5



#50

Dimethylphthalate

Concen: 39.906 ng

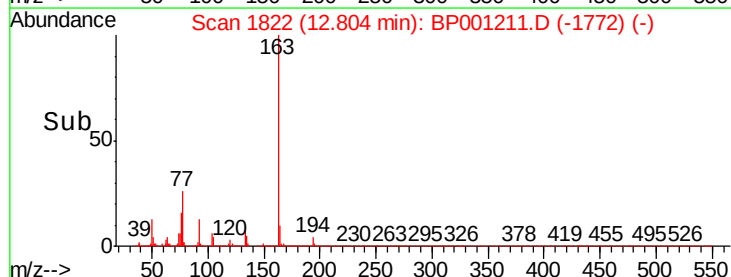
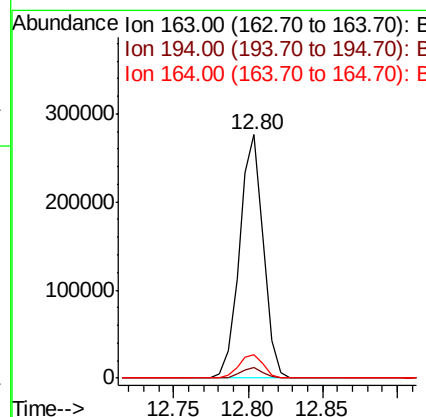
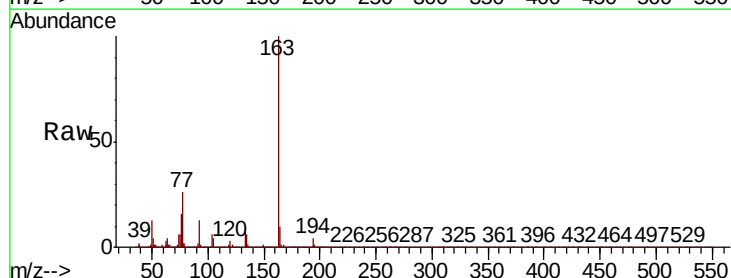
RT: 12.80 min Scan# 1822

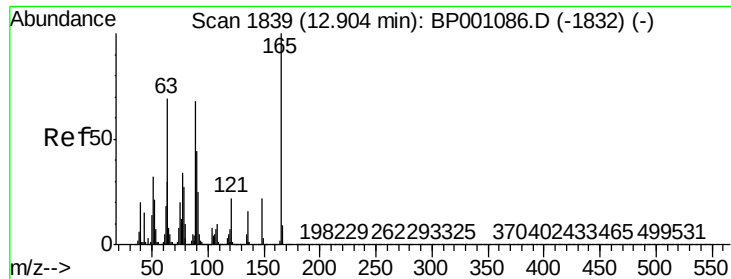
Delta R.T. -0.01 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

Tgt Ion:	163	Resp:	306008
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.1	4.7
164	9.8	8.2	12.4

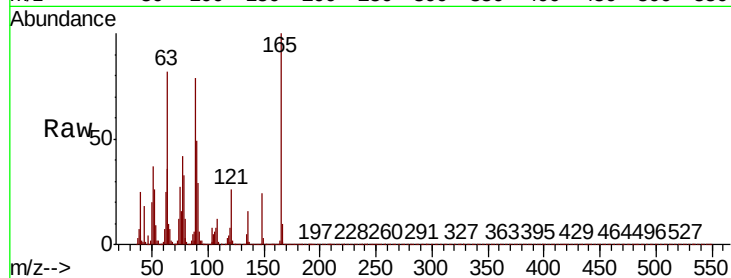




#51
2,6-Dinitrotoluene
Concen: 39.140 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	82.1	64.1	96.1
89	79.0	61.8	92.6

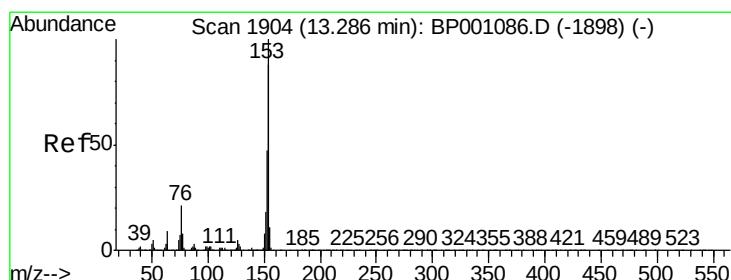
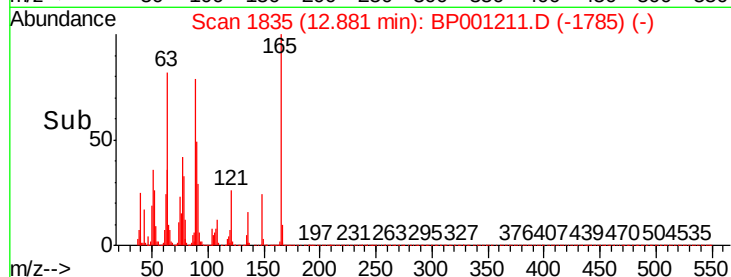
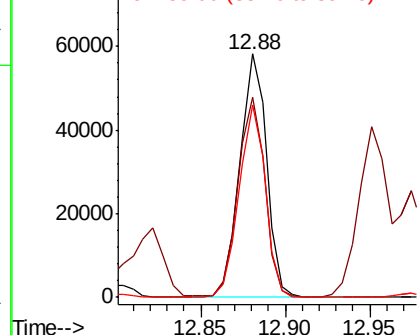


Abundance

Ion 165.00 (164.70 to 165.70): E

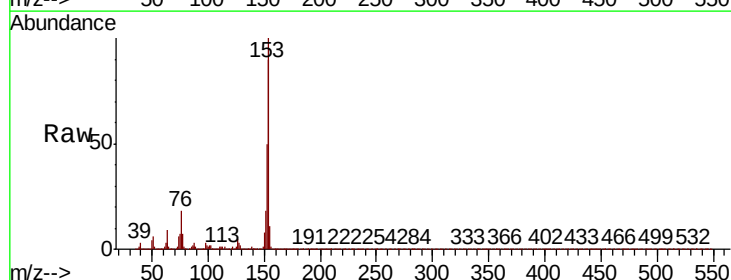
Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0



#52
Acenaphthene
Concen: 40.108 ng
RT: 13.26 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.3	90.3	135.5
152	55.1	42.9	64.3

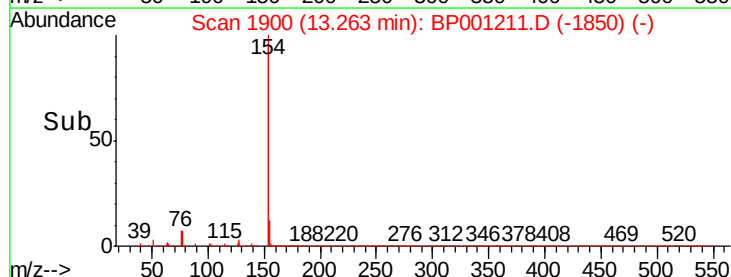
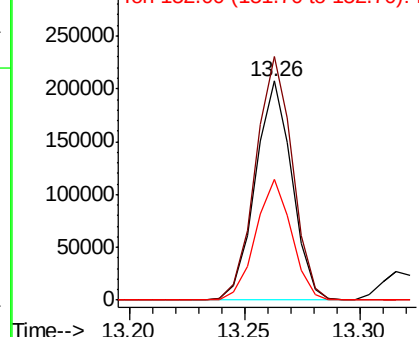


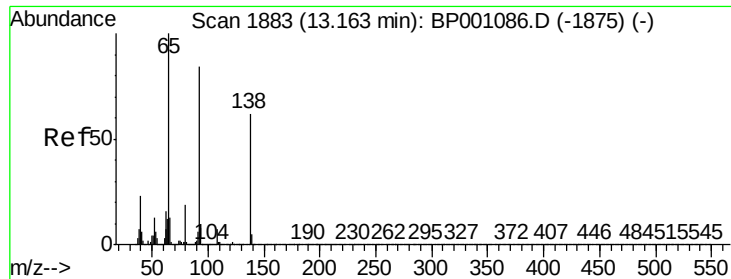
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

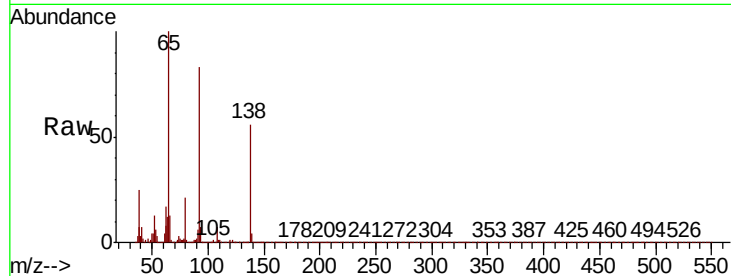




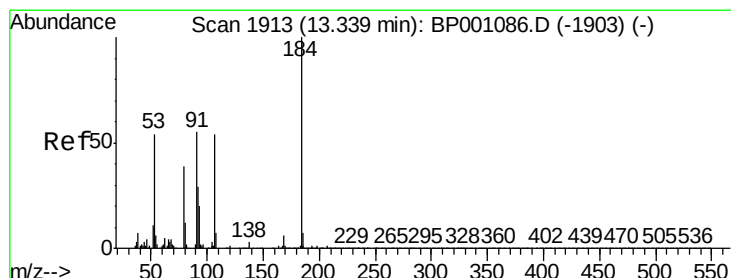
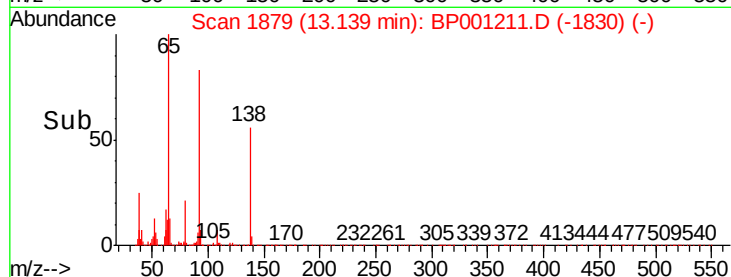
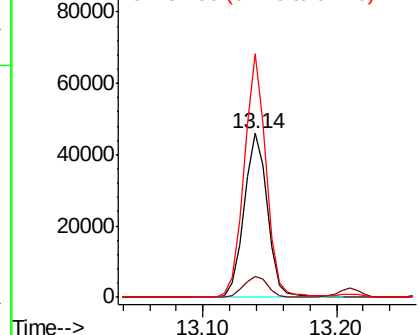
#53
3-Nitroaniline
Concen: 30.152 ng
RT: 13.14 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Instrument :
BNA_P
ClientSampleId :

Tot Ion:138 Resp: 55600
Ion Ratio Lower Upper
138 100
108 12.8 10.1 15.1
92 148.8 113.1 169.7

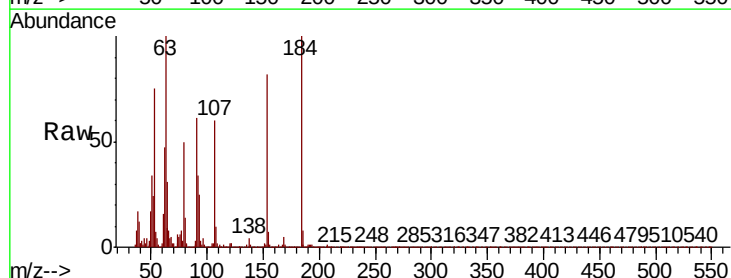


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BP0

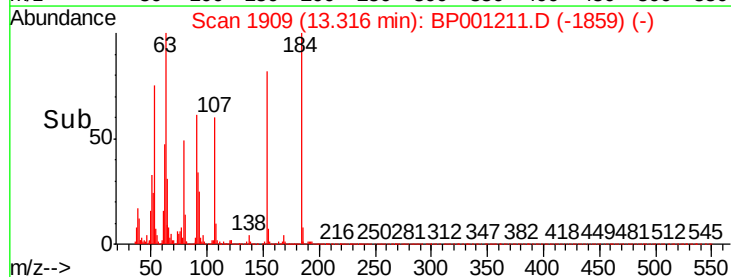
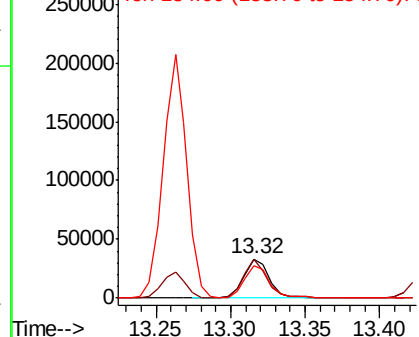


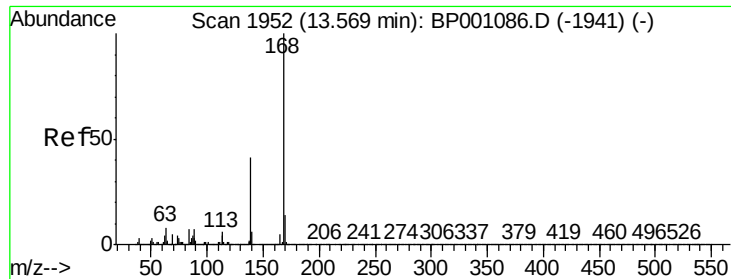
#54
2,4-Dinitrophenol
Concen: 61.564 ng
RT: 13.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion:184 Resp: 40073
Ion Ratio Lower Upper
184 100
63 99.9 69.4 104.0
154 82.3 57.4 86.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 42.365 ng

RT: 13.55 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

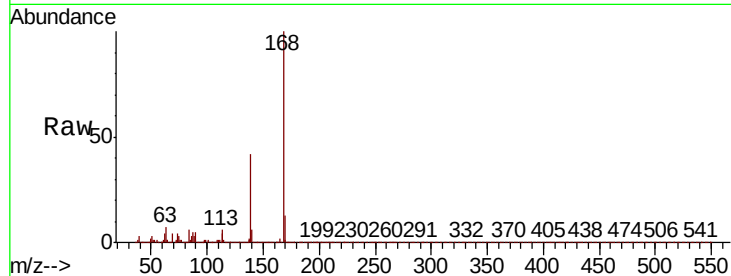
Instrument :

BNA_P

ClientSampleId :

Tot Ion:168 Resp: 363315

Ion	Ratio	Lower	Upper
168	100		
139	42.0	34.5	51.7
169	12.9	10.8	16.2

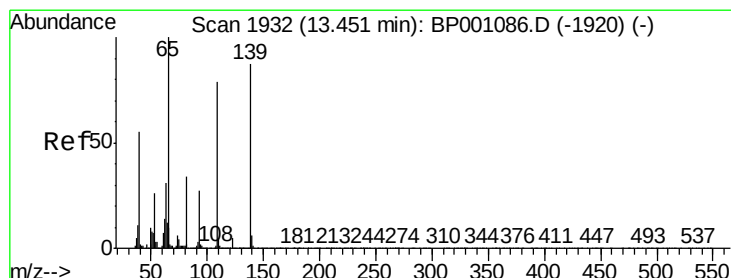
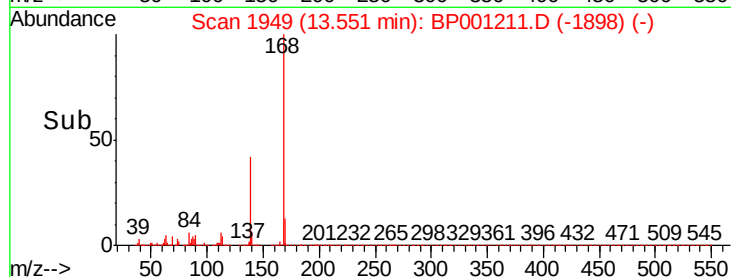
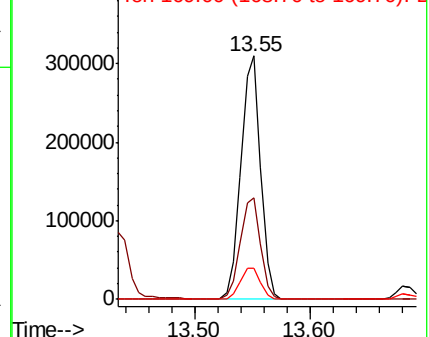


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 82.737 ng

RT: 13.43 min Scan# 1929

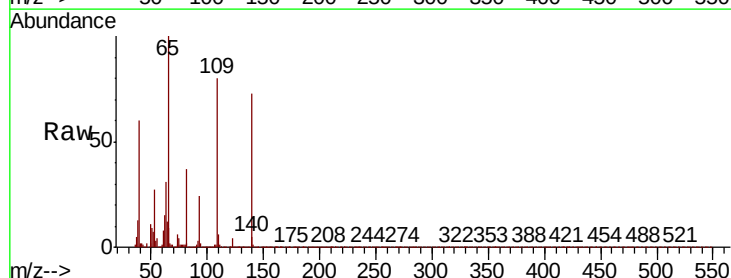
Delta R.T. -0.01 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

Tgt Ion:139 Resp: 108107

Ion	Ratio	Lower	Upper
139	100		
109	109.7	87.8	127.8
65	136.4	111.9	151.9

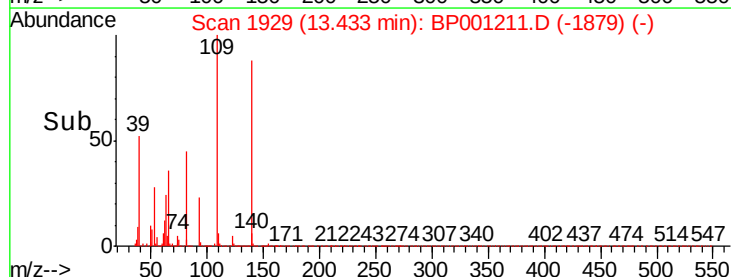
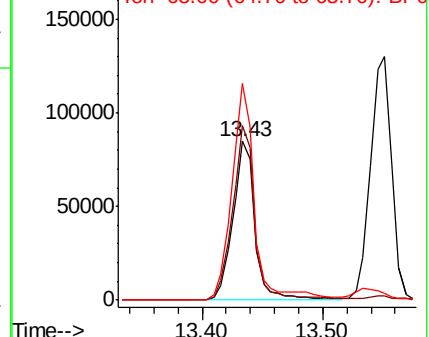


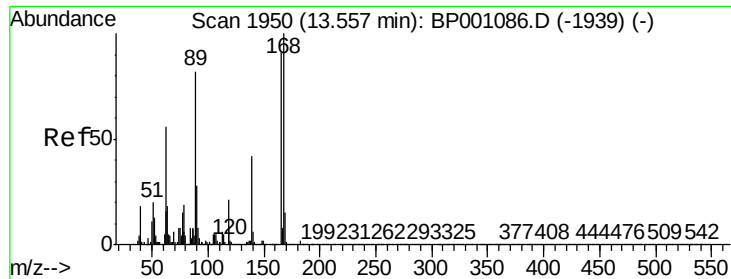
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

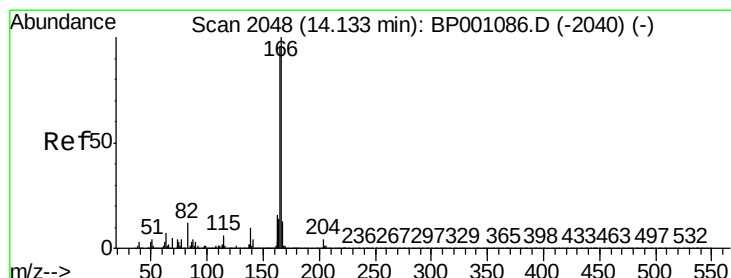
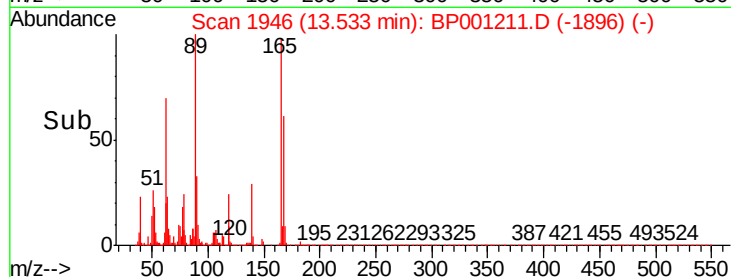
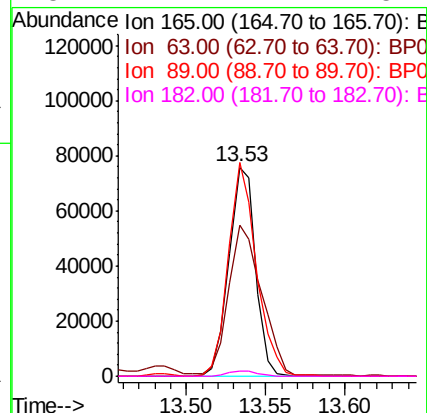
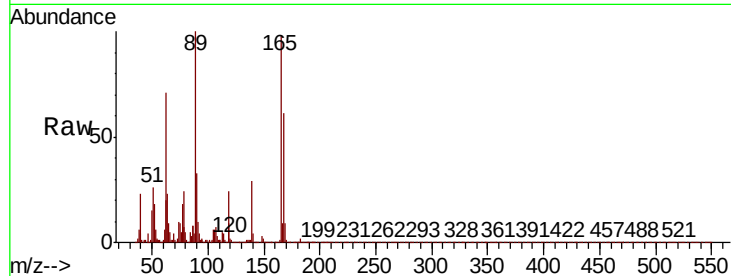




#57
 2,4-Dinitrotoluene
 Concen: 42.704 ng
 RT: 13.53 min Scan# 1946
 Delta R.T. -0.01 min
 Lab File: BP001211.D
 Acq: 05 Dec 2019 14:59

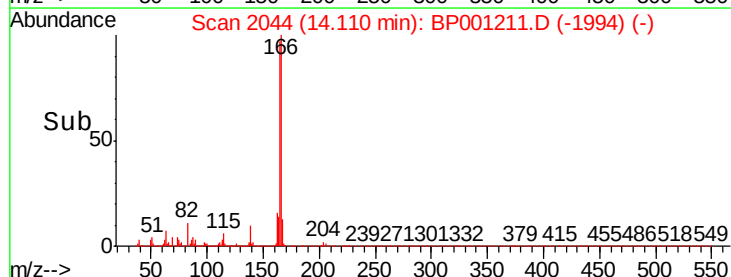
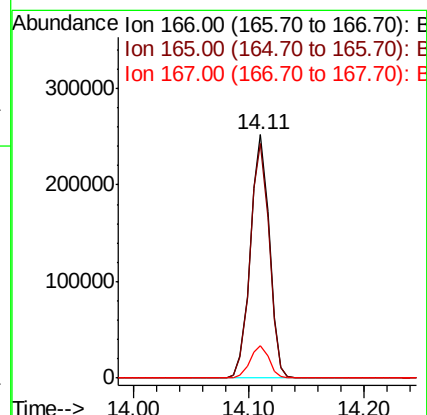
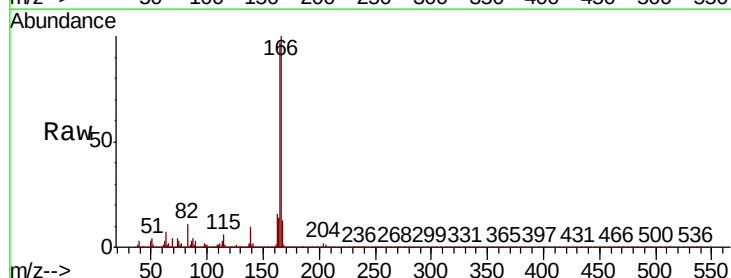
Instrument :
 BNA_P
 ClientSampleId :

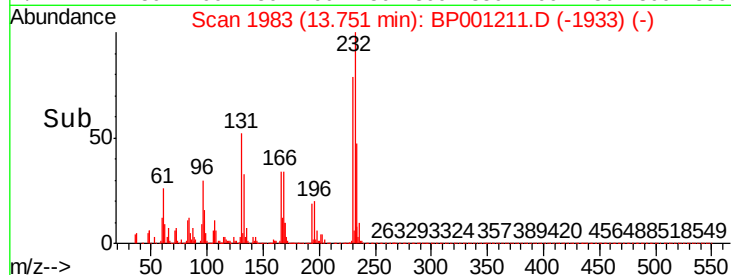
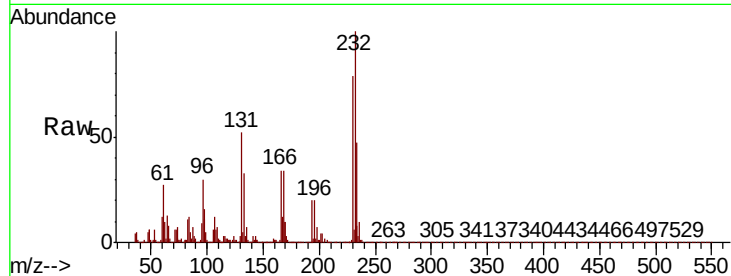
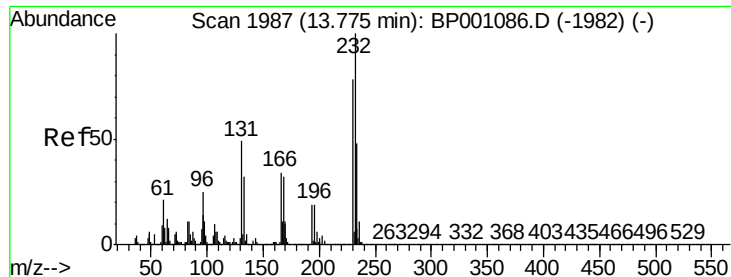
Tot Ion:165 Resp: 87866
 Ion Ratio Lower Upper
 165 100
 63 72.2 58.3 87.5
 89 102.2 79.8 119.8
 182 2.2 2.2 3.2



#58
 Fluorene
 Concen: 41.535 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BP001211.D
 Acq: 05 Dec 2019 14:59

Tgt Ion:166 Resp: 285422
 Ion Ratio Lower Upper
 166 100
 165 96.6 77.8 116.8
 167 13.4 10.5 15.7

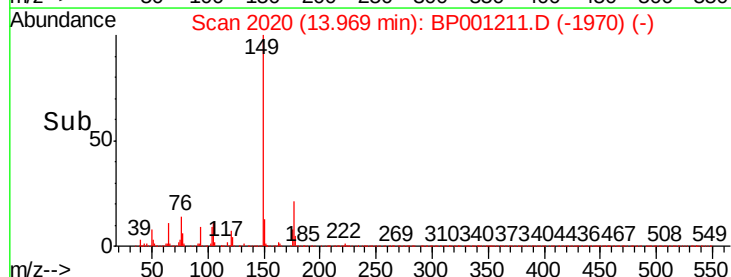
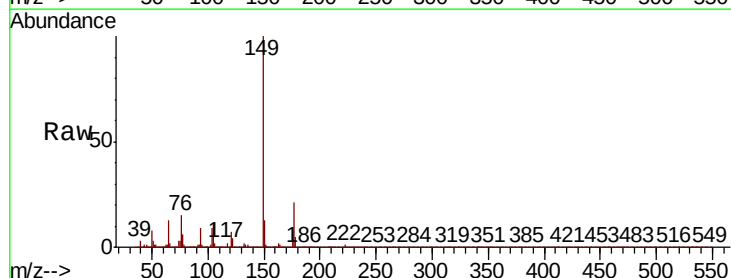
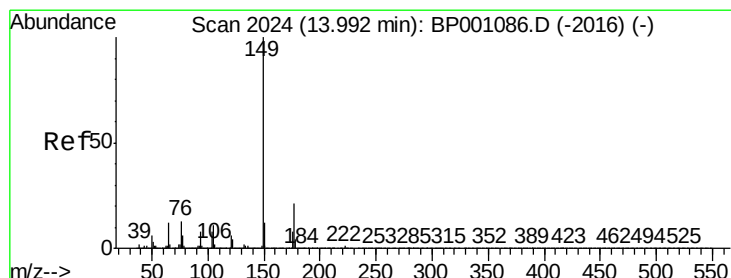
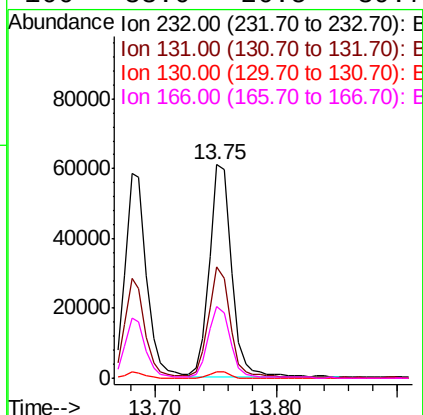




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.109 ng
RT: 13.75 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

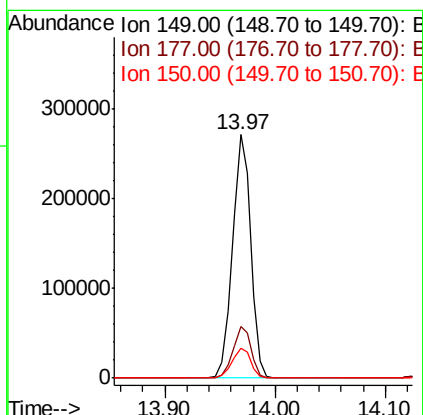
Instrument :
BNA_P
ClientSampled :

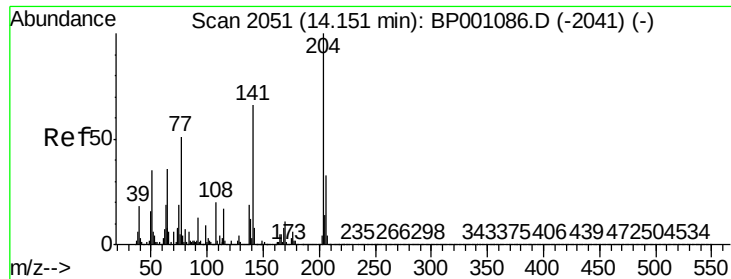
Tot Ion:	232	Resp:	77461
Ion	Ratio	Lower	Upper
232	100		
131	51.9	41.4	62.0
130	3.0	2.2	3.4
166	33.0	26.5	39.7



#60
Diethylphthalate
Concen: 39.581 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion:	149	Resp:	314274
Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.0	25.4
150	12.5	10.2	15.2

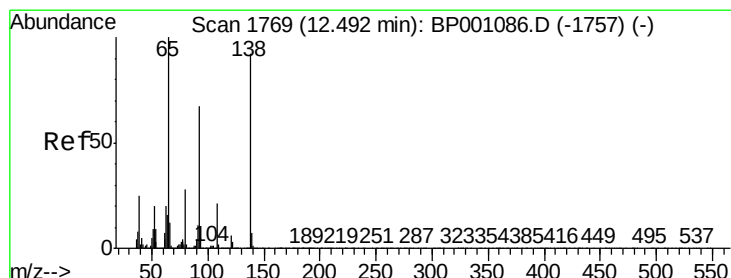
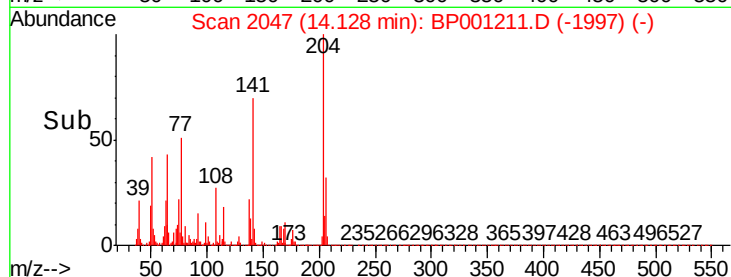
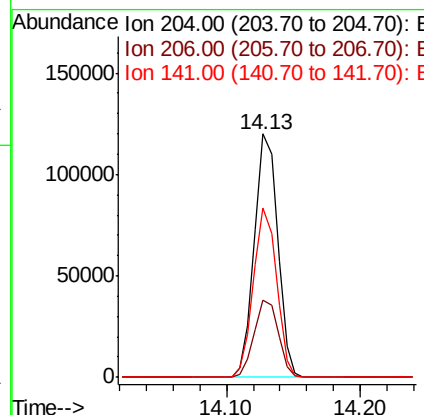
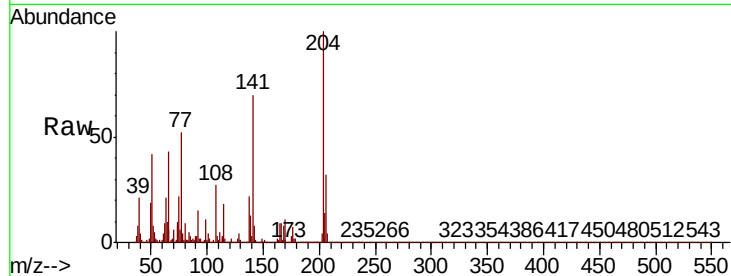




#61
 4-Chlorophenyl-phenylether
 Concen: 41.206 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BP001211.D
 Acq: 05 Dec 2019 14:59

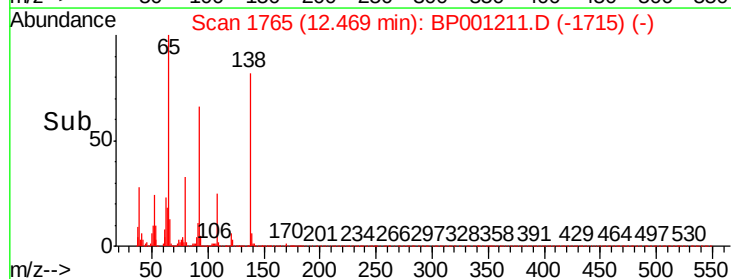
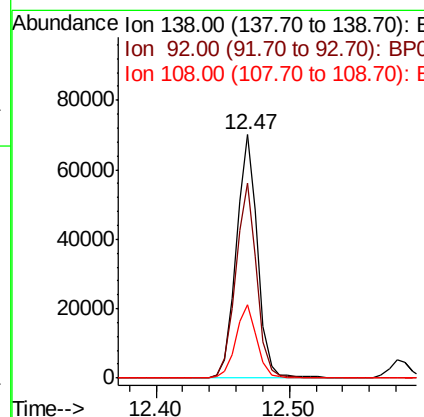
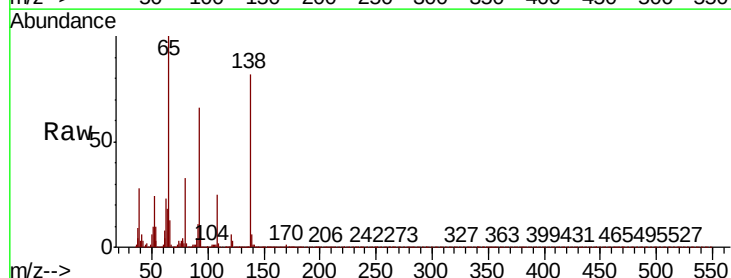
Instrument :
 BNA_P
 ClientSampleId :

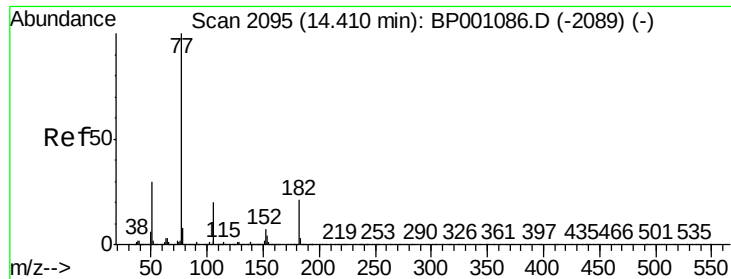
Tot Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.2	39.2
141	69.8	54.9	82.3



#62
 4-Nitroaniline
 Concen: 36.556 ng
 RT: 12.47 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BP001211.D
 Acq: 05 Dec 2019 14:59

Tgt Ion	Ratio	Lower	Upper
138	100		
92	79.9	56.3	96.3
108	30.3	8.3	48.3

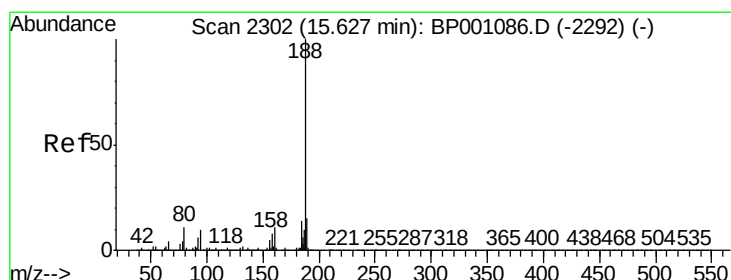
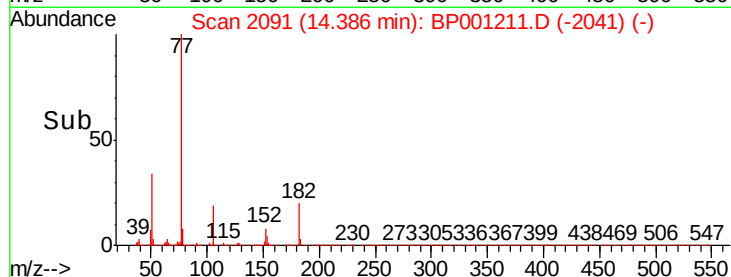
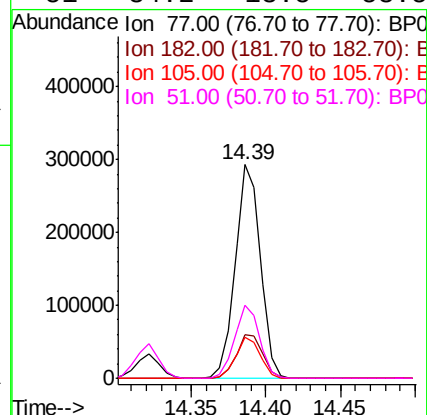
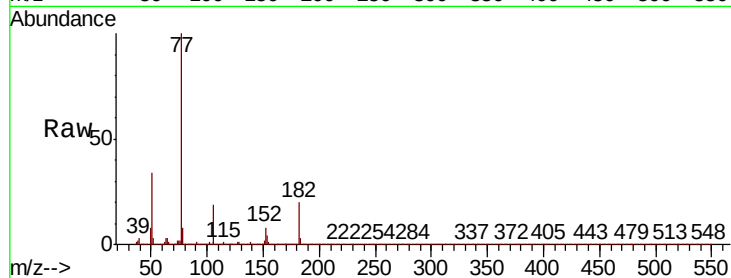




#63
Azobenzene
Concen: 40.362 ng
RT: 14.39 min Scan# 2091
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

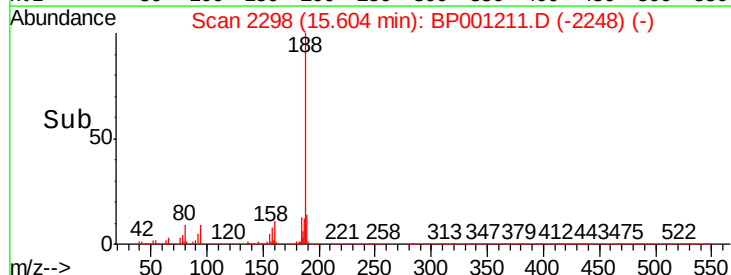
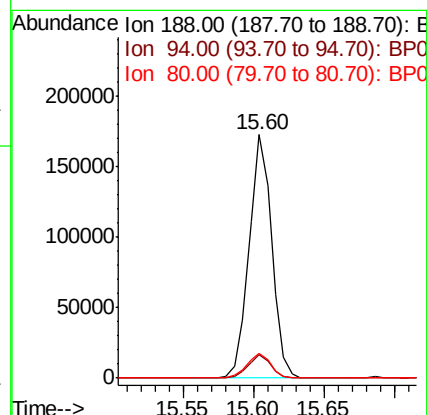
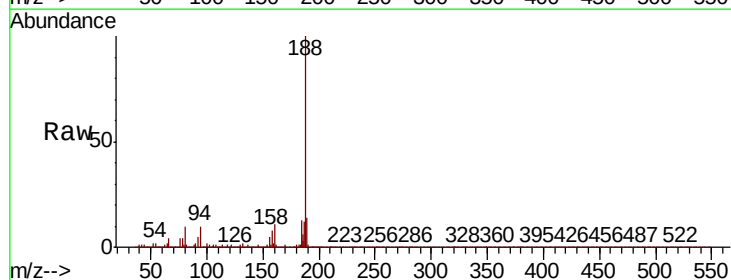
Instrument :
BNA_P
ClientSampleId :

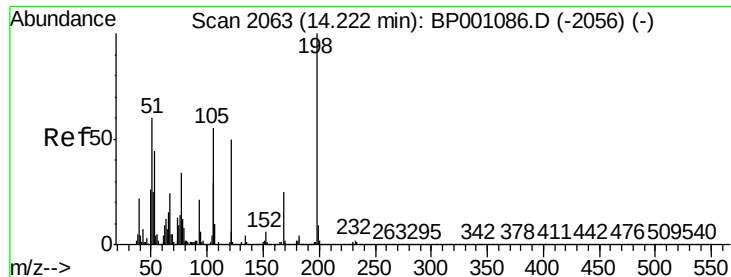
Tot Ion:	77	Resp:	346410
Ion	Ratio	Lower	Upper
77	100		
182	20.2	1.1	41.1
105	19.0	0.0	39.5
51	34.2	13.5	53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion:	188	Resp:	193956
Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.1	10.7
80	9.9	7.8	11.6

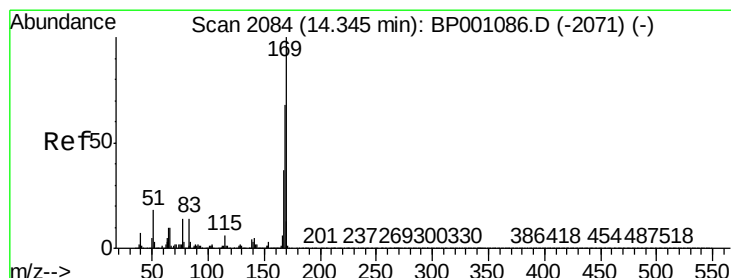
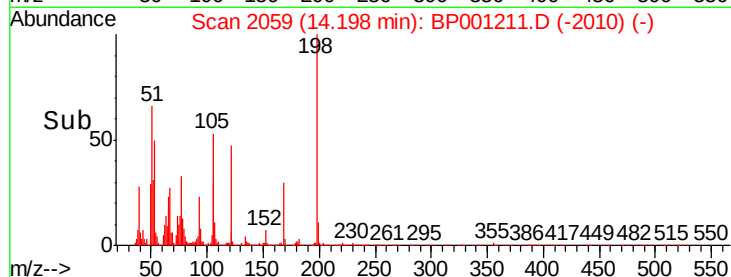
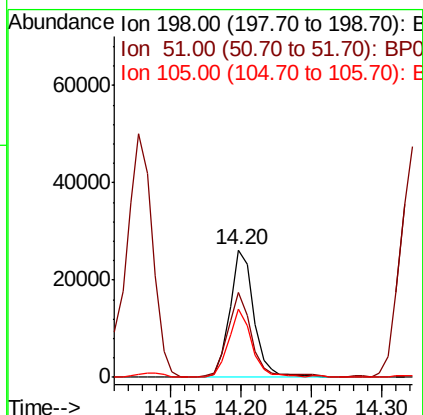
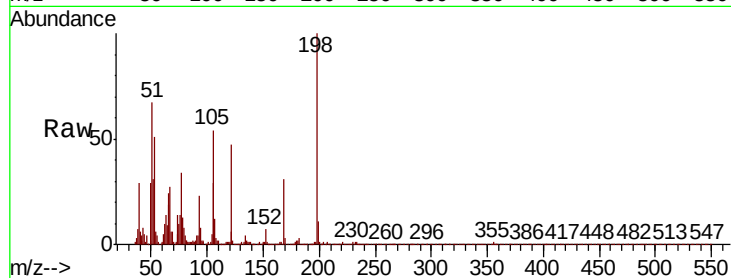




#65
4,6-Dinitro-2-methylphenol
Concen: 38.881 ng
RT: 14.20 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

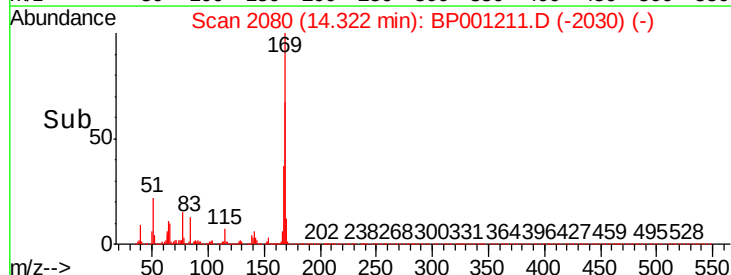
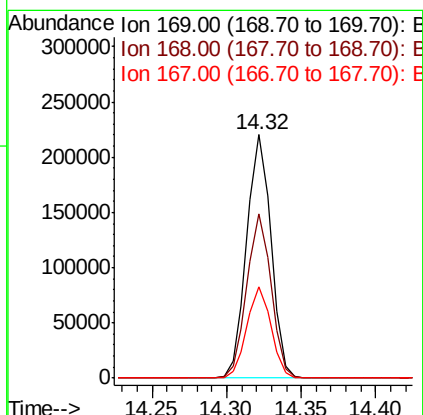
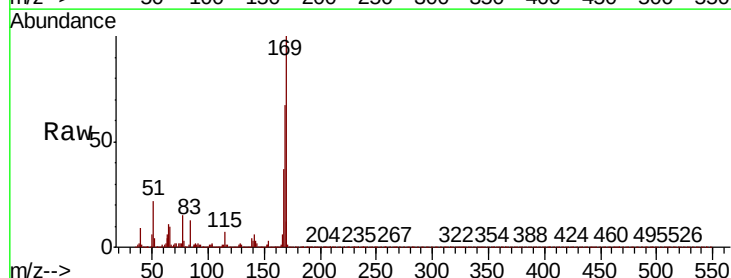
Instrument :
BNA_P
ClientSampleId :

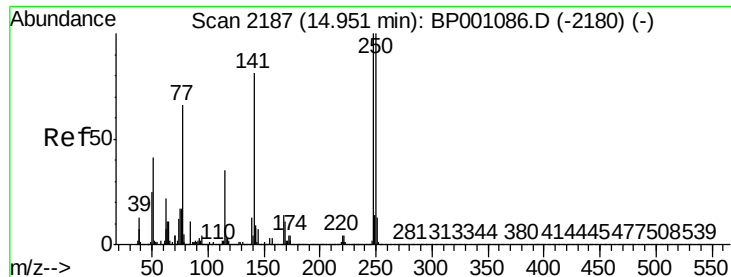
Tot Ion:198 Resp: 31202
Ion Ratio Lower Upper
198 100
51 66.5 36.2 76.2
105 53.7 30.2 70.2



#66
n-Nitrosodiphenylamine
Concen: 42.200 ng
RT: 14.32 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion:169 Resp: 248696
Ion Ratio Lower Upper
169 100
168 67.2 53.7 80.5
167 37.3 29.1 43.7

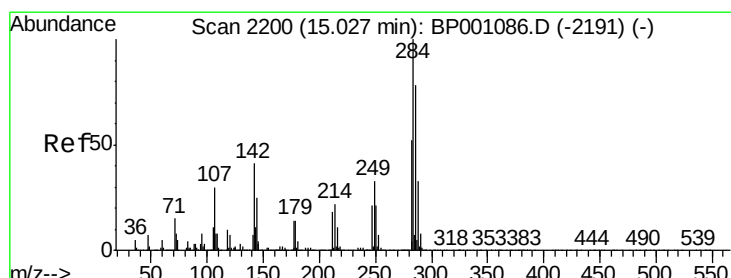
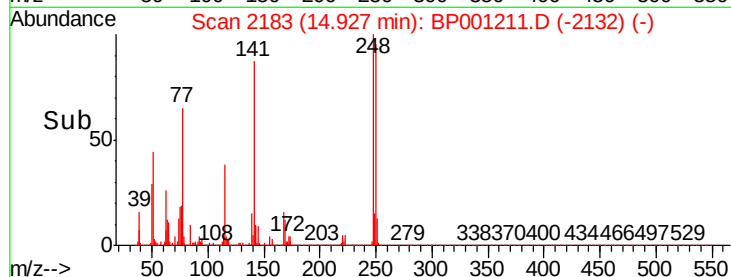
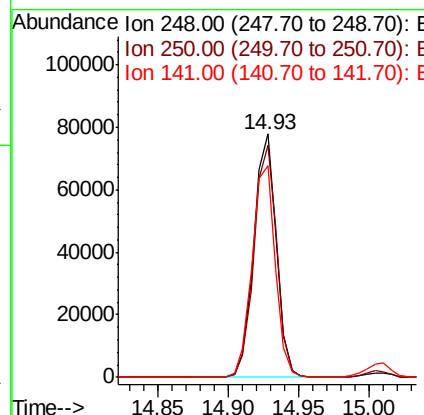
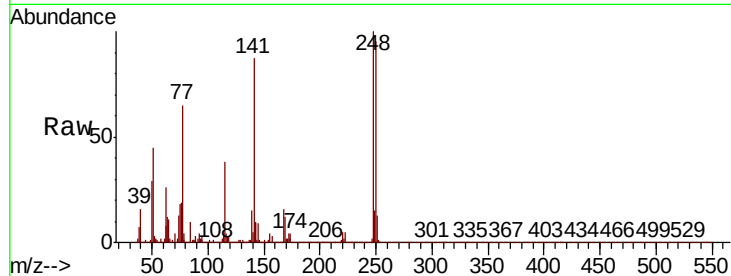




#67
4-Bromophenyl-phenylether
Concen: 41.404 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

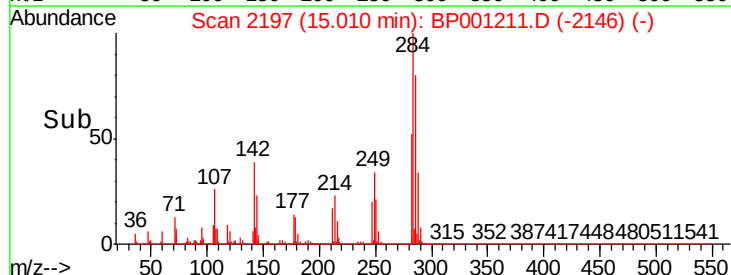
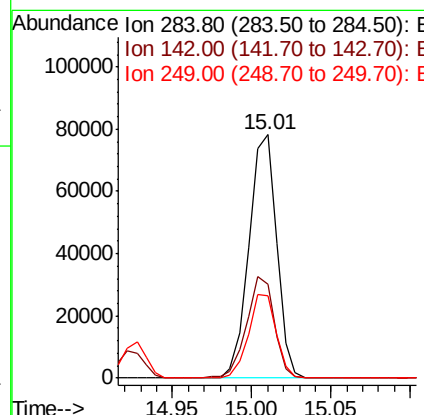
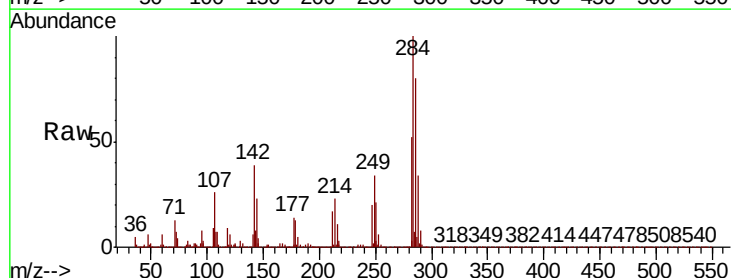
Instrument :
BNA_P
ClientSampleId :

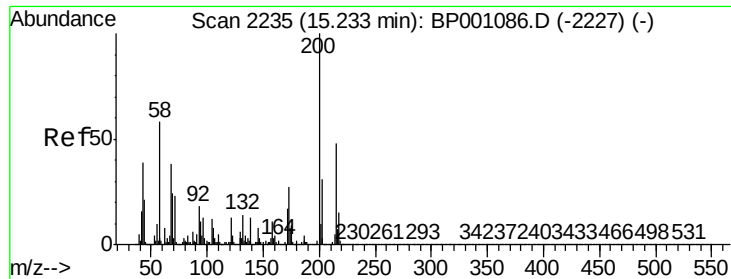
Tot Ion:248 Resp: 87184
Ion Ratio Lower Upper
248 100
250 95.1 77.6 116.4
141 87.1 74.6 111.8



#68
Hexachlorobenzene
Concen: 40.996 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion:284 Resp: 94904
Ion Ratio Lower Upper
284 100
142 38.6 35.0 52.6
249 34.0 27.6 41.4





#69

Atrazine

Concen: 47.345 ng

RT: 15.21 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

Instrument :

BNA_P

ClientSampleId :

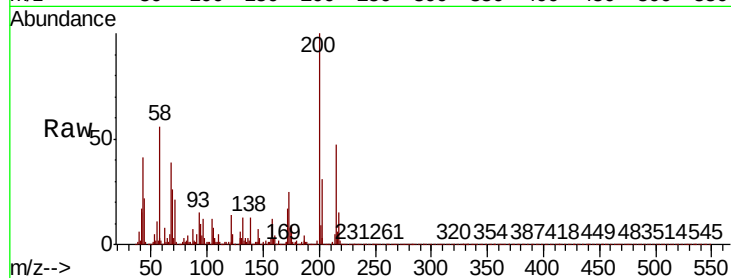
Tot Ion:200 Resp: 85192

Ion Ratio Lower Upper

200 100

173 24.6 6.4 46.4

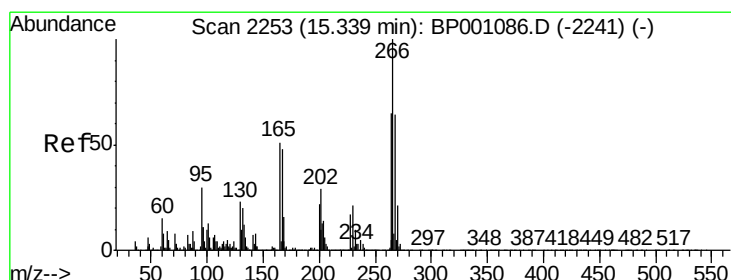
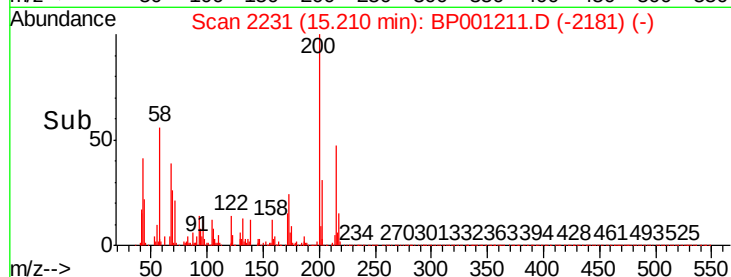
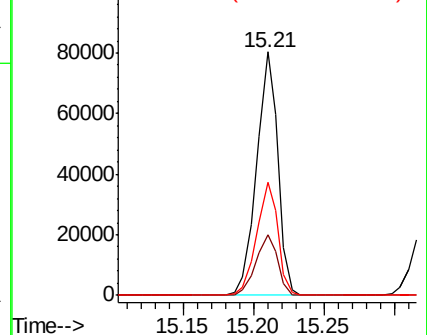
215 46.5 27.7 67.7



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: 87.384 ng

RT: 15.32 min Scan# 2250

Delta R.T. -0.00 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

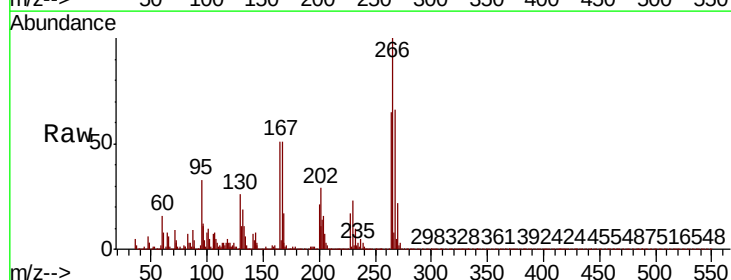
Tgt Ion:266 Resp: 105434

Ion Ratio Lower Upper

266 100

268 65.7 50.6 76.0

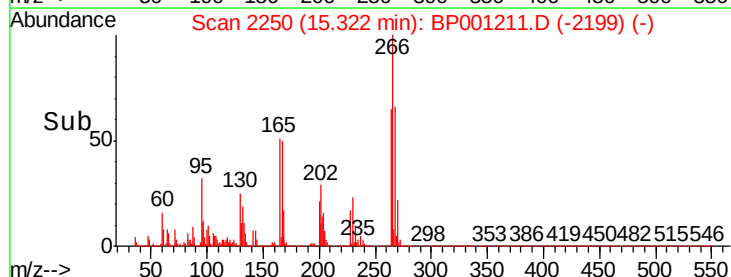
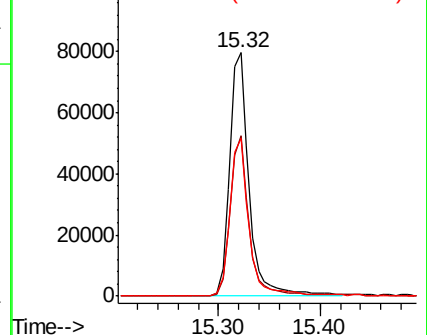
264 65.0 49.9 74.9

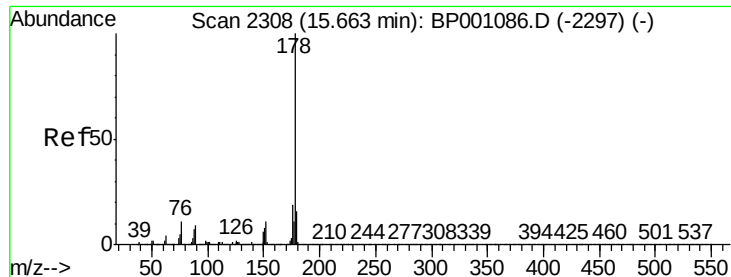


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

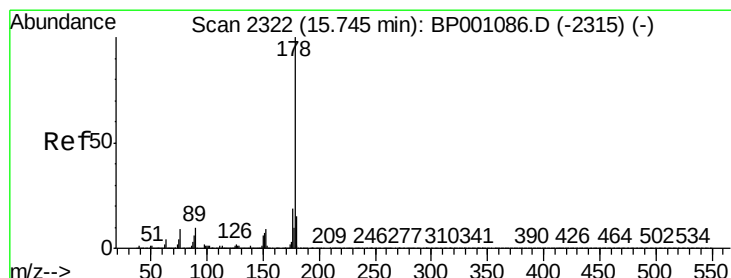
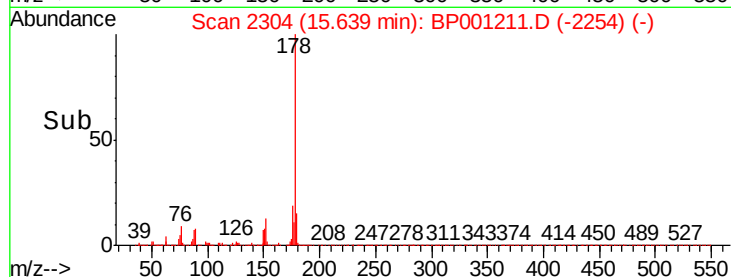
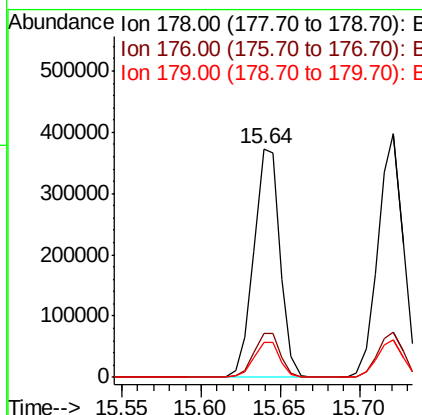
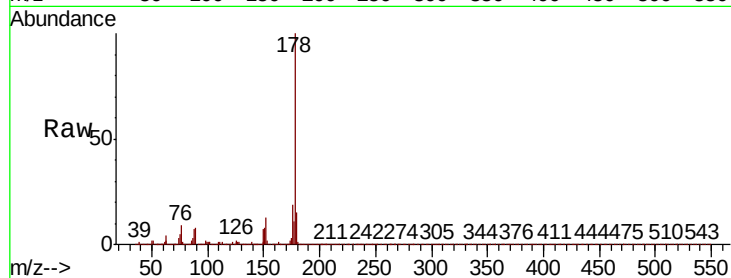




#71
Phenanthrene
Concen: 42.253 ng
RT: 15.64 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

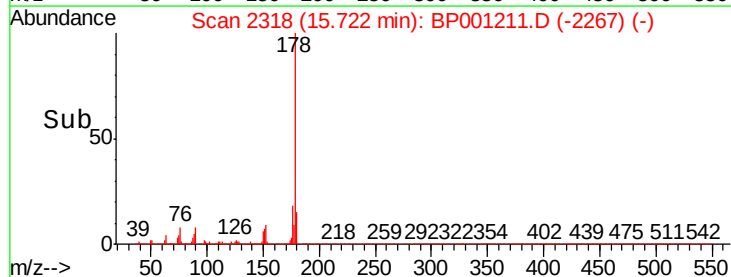
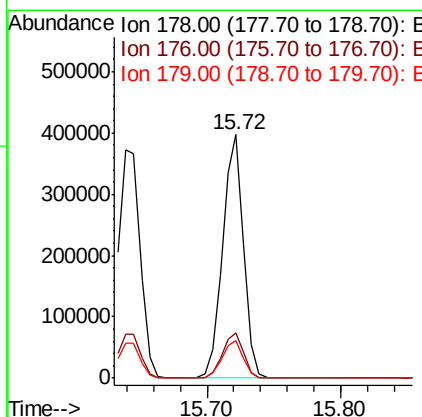
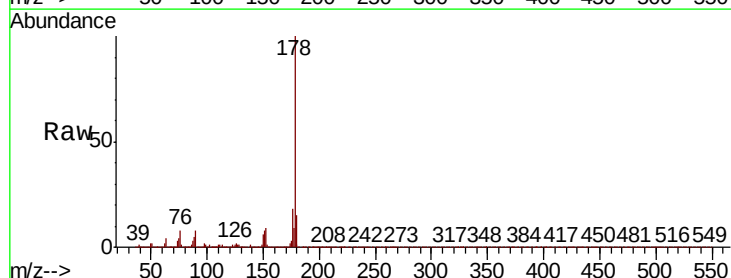
Instrument :
BNA_P
ClientSampled :

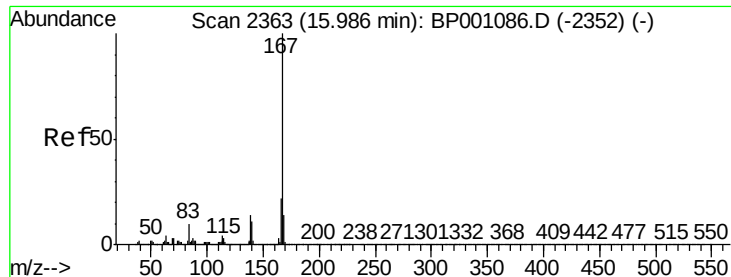
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	15.4	12.4	18.6



#72
Anthracene
Concen: 43.569 ng
RT: 15.72 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.1	22.7
179	15.2	12.7	19.1

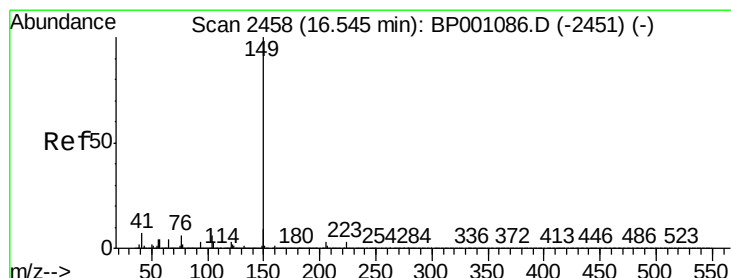
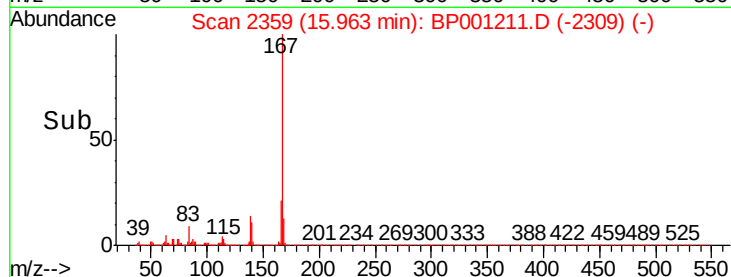
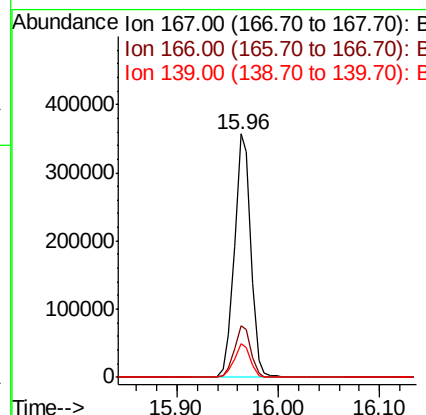
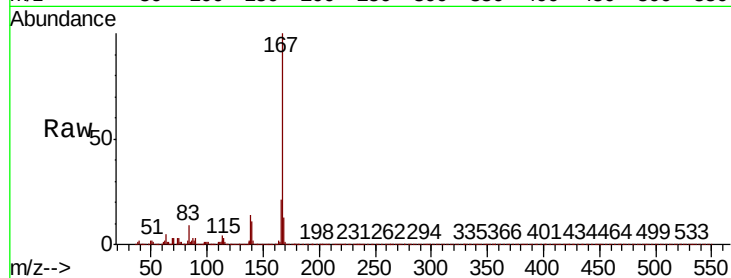




#73
 Carbazole
 Concen: 43.716 ng
 RT: 15.96 min Scan# 2359
 Delta R.T. -0.01 min
 Lab File: BP001211.D
 Acq: 05 Dec 2019 14:59

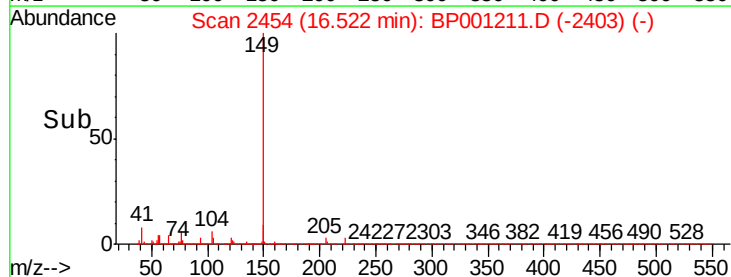
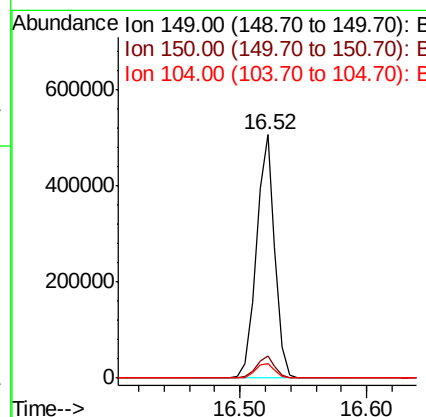
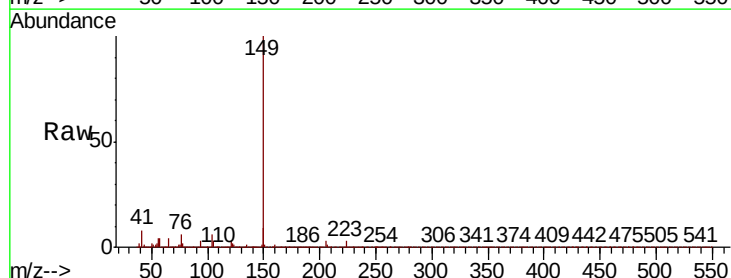
Instrument :
 BNA_P
 ClientSampleId :

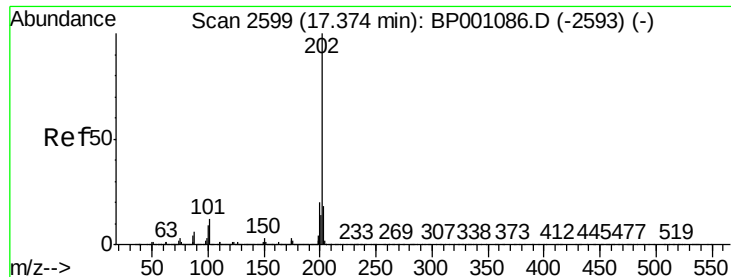
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.4	26.0
139	14.1	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 41.209 ng
 RT: 16.52 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: BP001211.D
 Acq: 05 Dec 2019 14:59

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	6.1	5.0	7.4





#75

Fluoranthene

Concen: 44.753 ng

RT: 17.35 min Scan# 2595

Delta R.T. -0.01 min

Lab File: BP001211.D

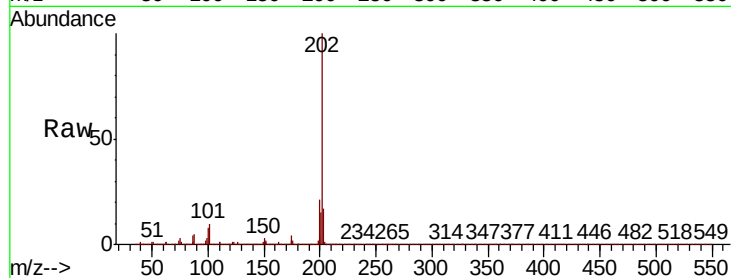
Acq: 05 Dec 2019 14:59

Instrument :

BNA_P

ClientSampleId :

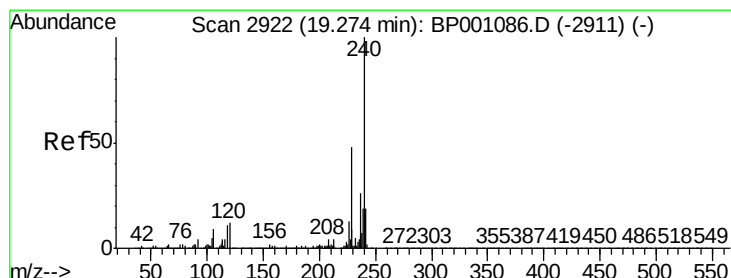
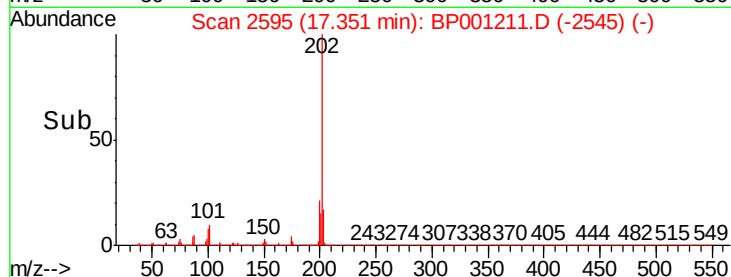
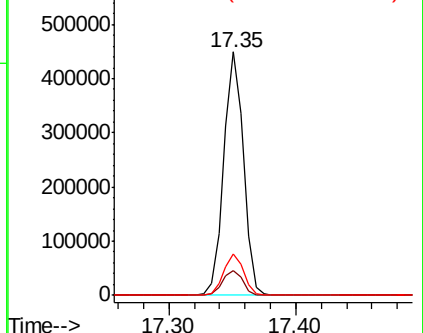
Tot Ion:	202	Resp:	483104
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	30.0
203	16.9	0.0	37.1



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

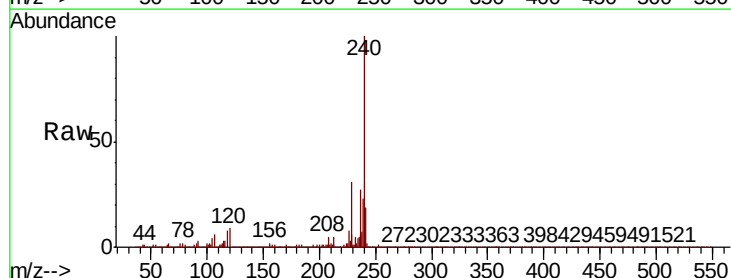
RT: 19.25 min Scan# 2918

Delta R.T. -0.01 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

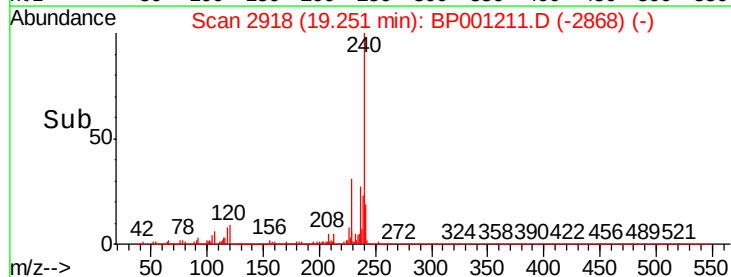
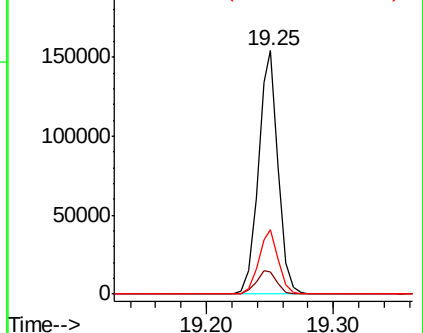
Tgt Ion:	240	Resp:	166596
Ion Ratio	Lower	Upper	
240	100		
120	9.1	7.0	10.6
236	26.5	21.7	32.5

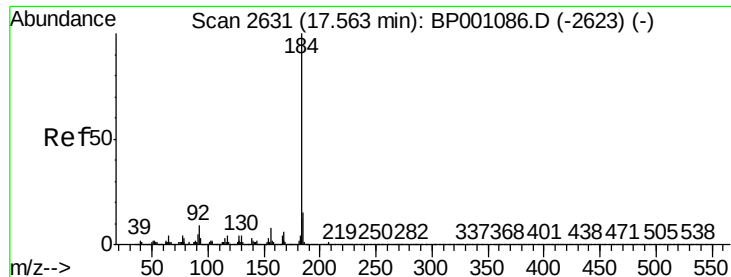


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 19.493 ng

RT: 17.54 min Scan# 2627

Delta R.T. -0.01 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

Instrument :

BNA_P

ClientSampleId :

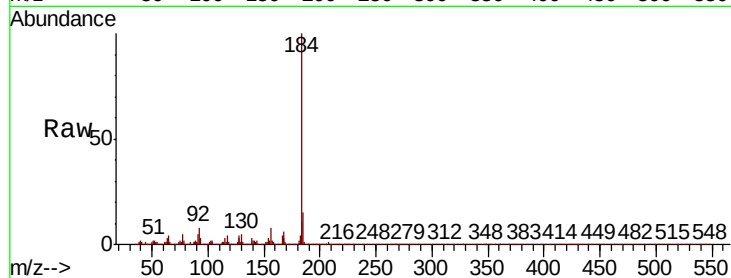
Tot Ion:184 Resp: 83845

Ion Ratio Lower Upper

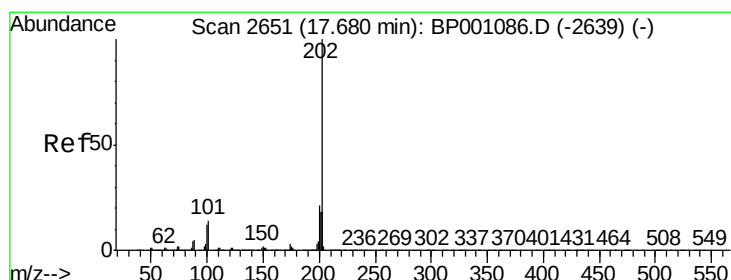
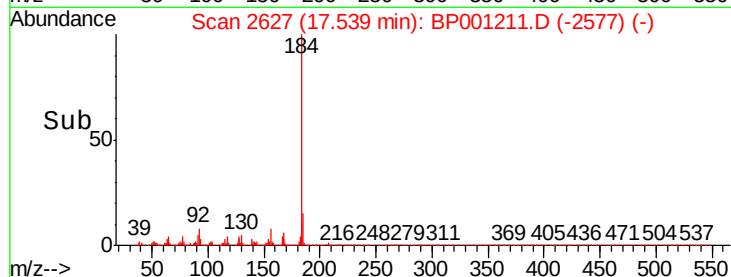
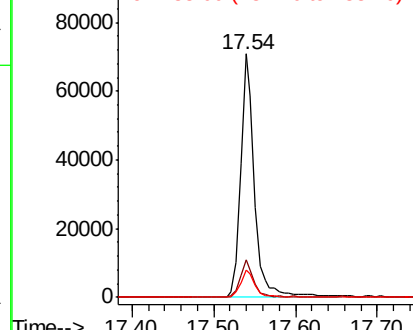
184 100

185 15.2 11.4 17.0

183 11.1 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: 37.936 ng

RT: 17.66 min Scan# 2647

Delta R.T. -0.01 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

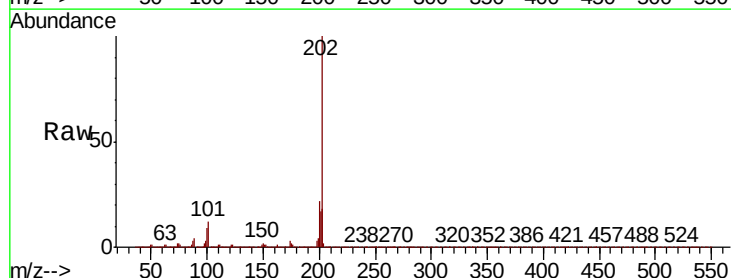
Tgt Ion:202 Resp: 497779

Ion Ratio Lower Upper

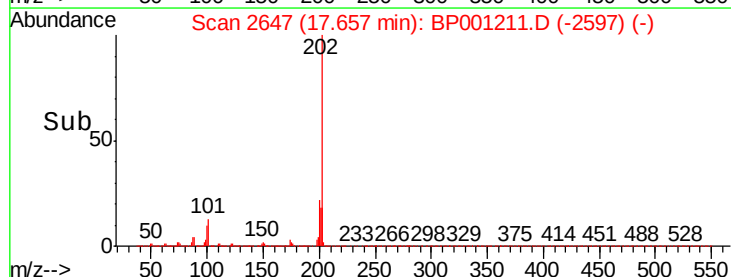
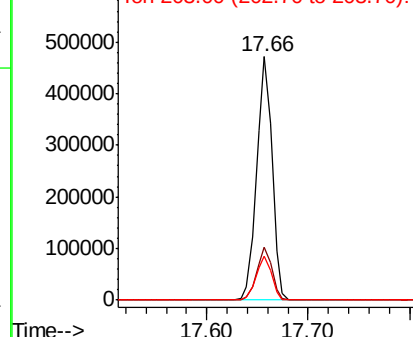
202 100

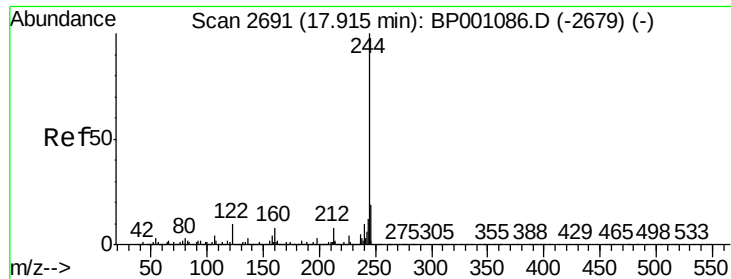
200 21.7 17.3 25.9

203 18.1 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: 62.748 ng

RT: 17.89 min Scan# 2686

Delta R.T. -0.01 min

Lab File: BP001211.D

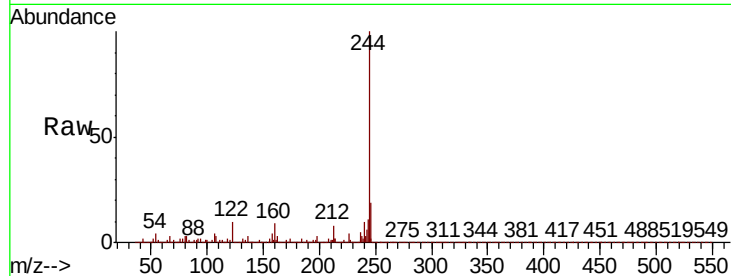
Acq: 05 Dec 2019 14:59

Instrument :

BNA_P

ClientSampleId :

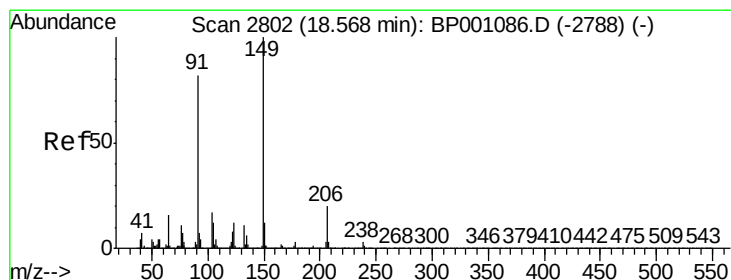
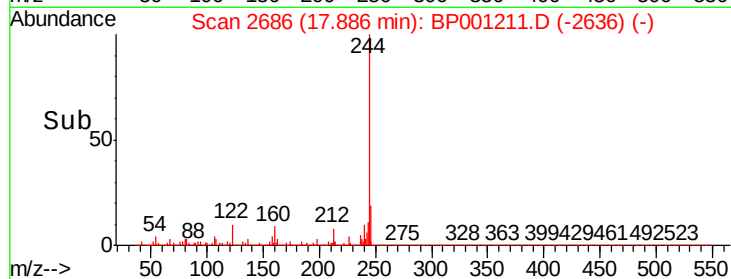
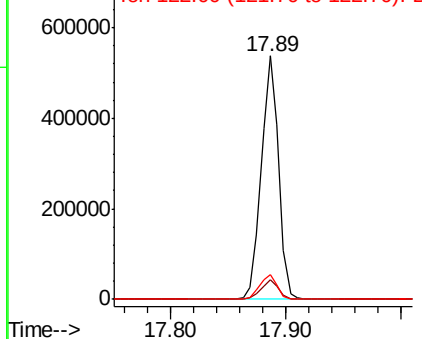
Tot Ion:	244	Resp:	565028
Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.6	9.8
122	10.4	9.2	13.8



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: 36.237 ng

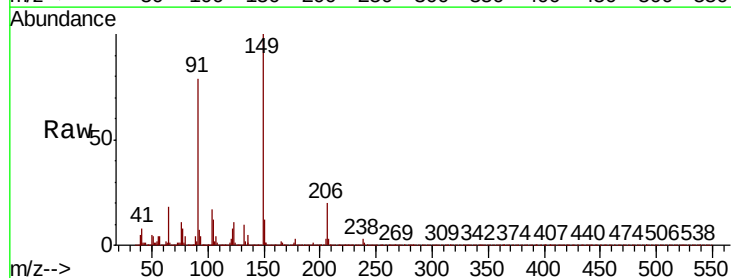
RT: 18.54 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

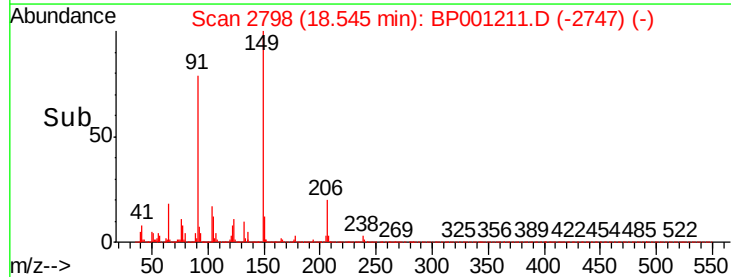
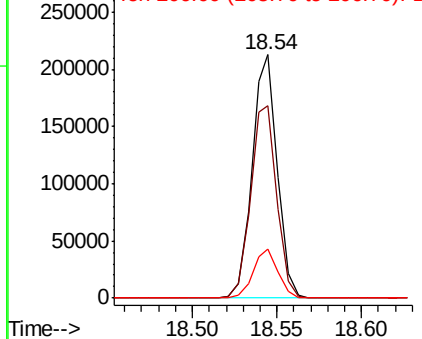
Tgt Ion:	149	Resp:	219615
Ion	Ratio	Lower	Upper
149	100		
91	79.0	67.4	101.2
206	20.2	15.0	22.4

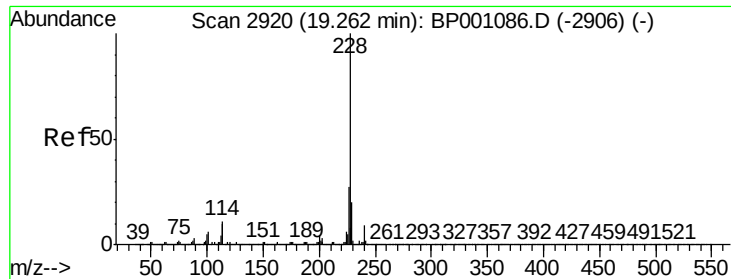


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

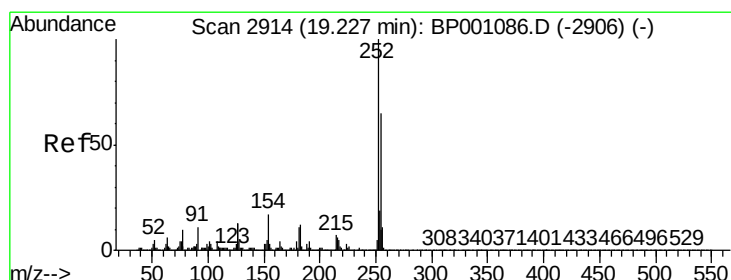
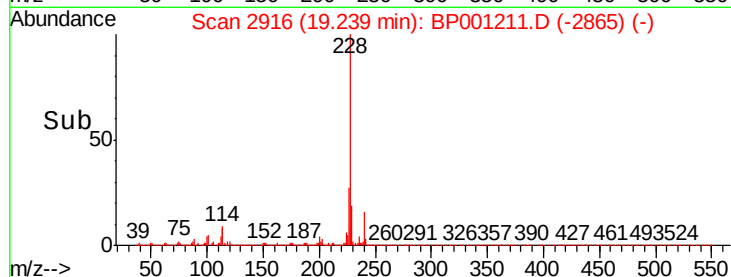
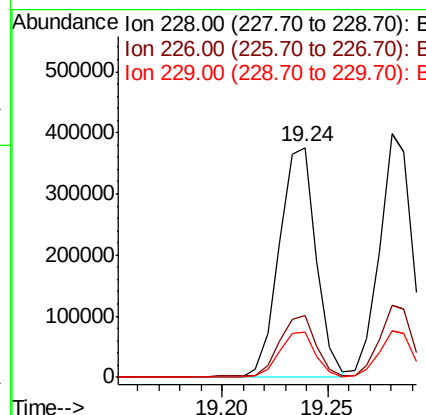
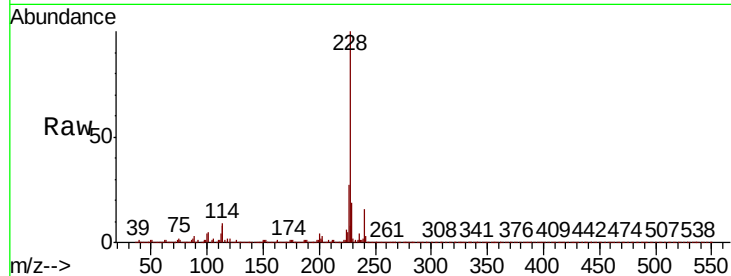




#81
Benzo(a)anthracene
Concen: 39.494 ng
RT: 19.24 min Scan# 2916
Delta R.T. -0.00 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

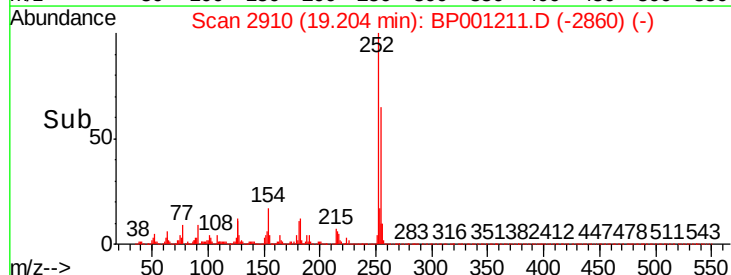
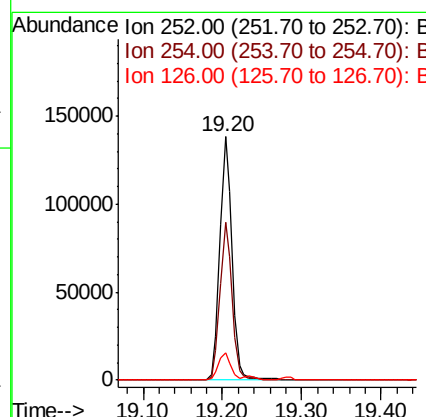
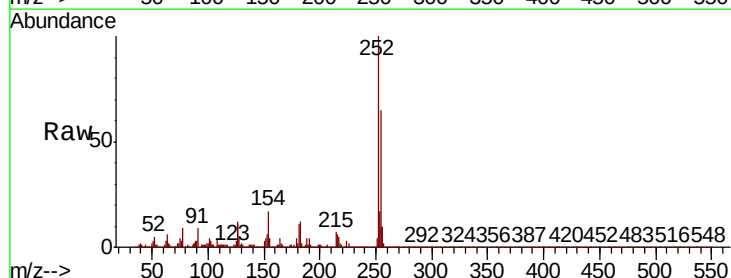
Instrument :
BNA_P
ClientSampleId :

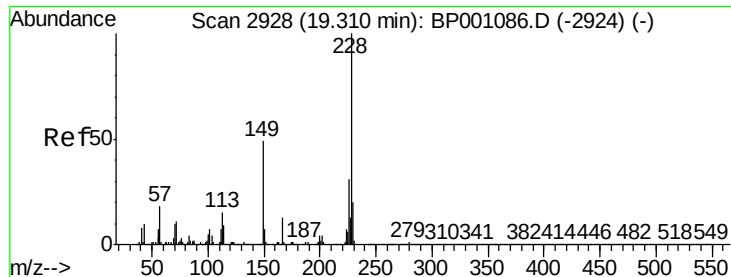
Tot Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.7	32.5
229	19.5	15.8	23.6



#82
3,3'-Dichlorobenzidine
Concen: 39.030 ng
RT: 19.20 min Scan# 2910
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.3	78.5
126	11.4	9.4	14.2





#83

Chrysene

Concen: 41.686 ng

RT: 19.28 min Scan# 2923

Delta R.T. -0.01 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

Instrument :

BNA_P

ClientSampleId :

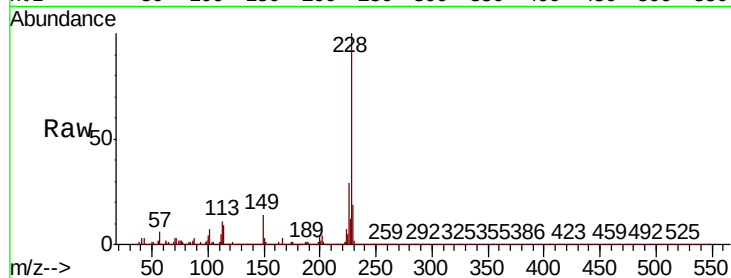
Tot Ion:228 Resp: 431167

Ion Ratio Lower Upper

228 100

226 29.4 23.7 35.5

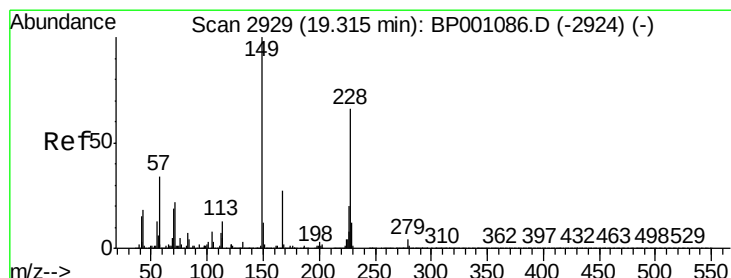
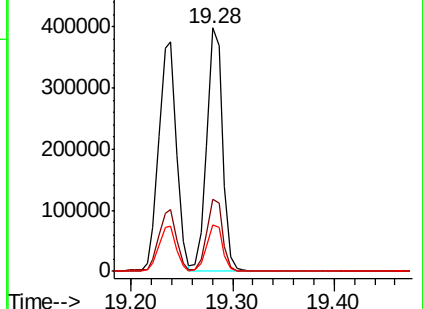
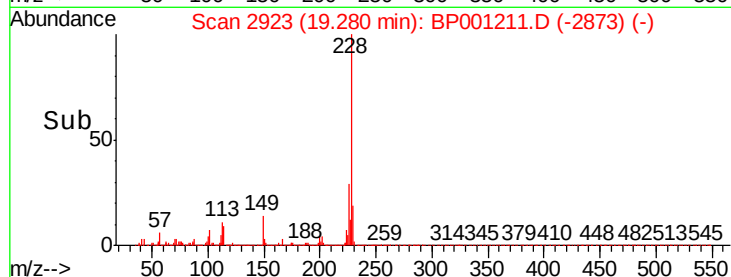
229 19.2 15.2 22.8



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: 37.736 ng

RT: 19.29 min Scan# 2925

Delta R.T. -0.00 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

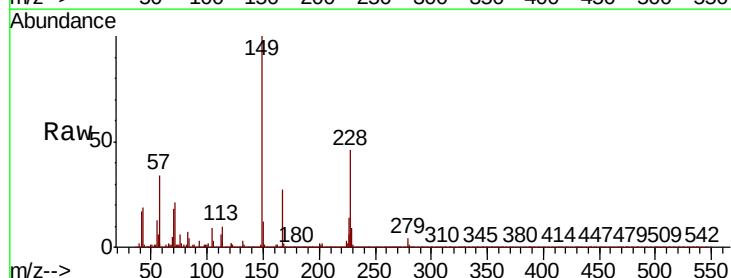
Tgt Ion:149 Resp: 314436

Ion Ratio Lower Upper

149 100

167 26.5 20.8 31.2

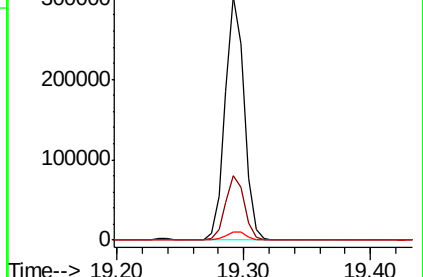
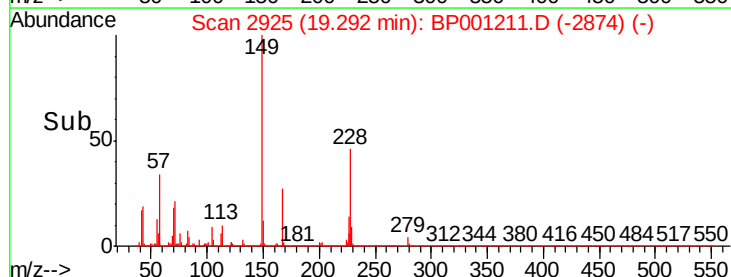
279 3.5 2.8 4.2

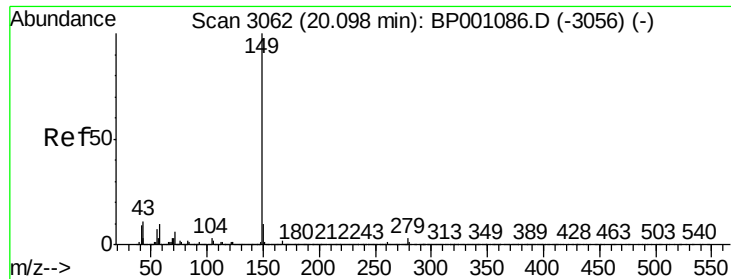


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

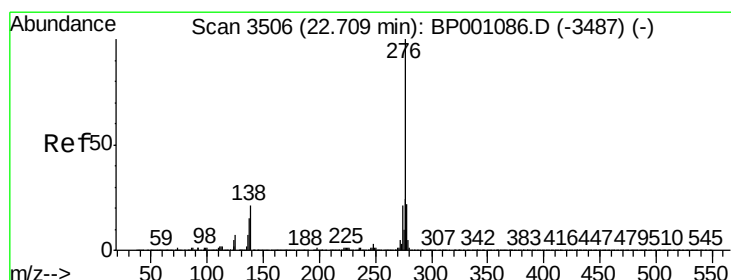
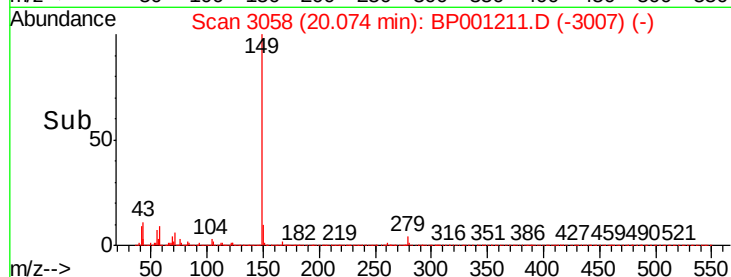
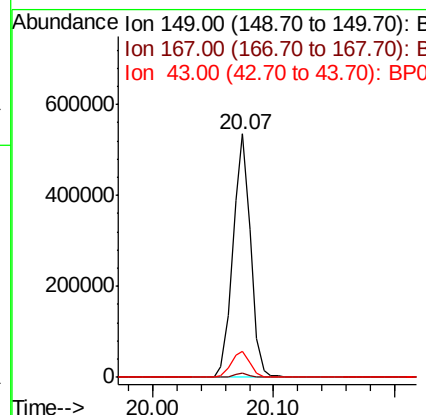
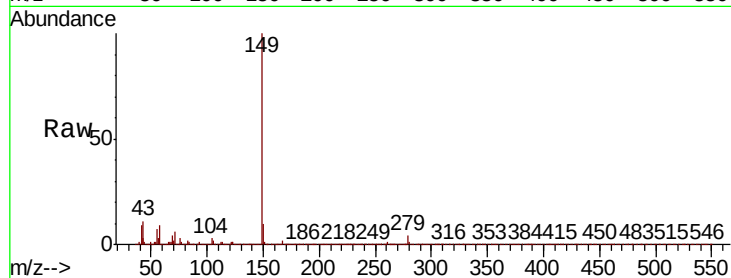




#85
Di-n-octyl phthalate
Concen: 36.368 ng
RT: 20.07 min Scan# 3058
Delta R.T. -0.00 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

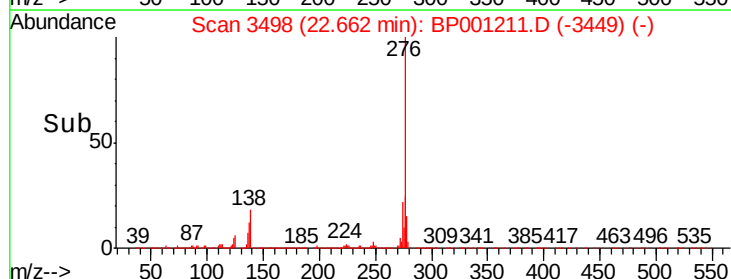
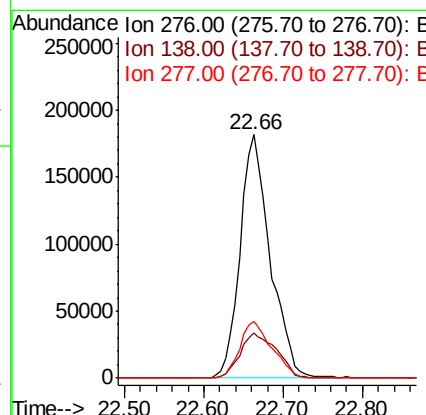
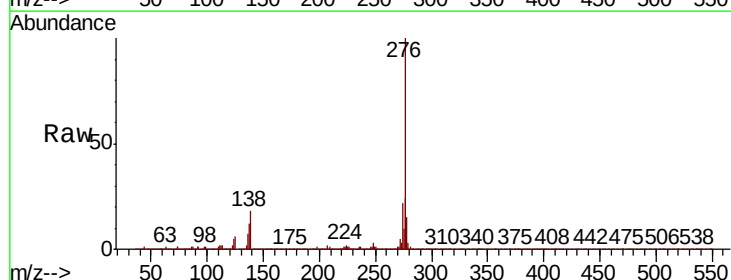
Instrument :
BNA_P
ClientSampleId :

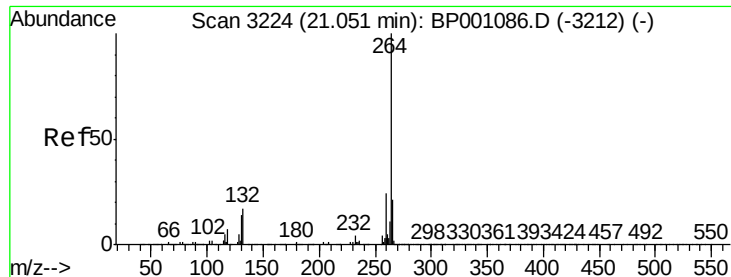
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	11.3	9.1	13.7



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.398 ng
RT: 22.66 min Scan# 3498
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.3	17.9	26.9
277	25.0	20.1	30.1

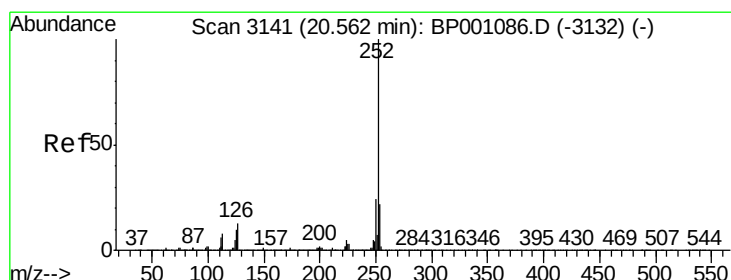
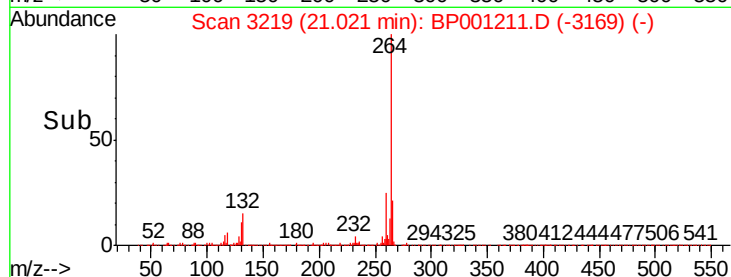
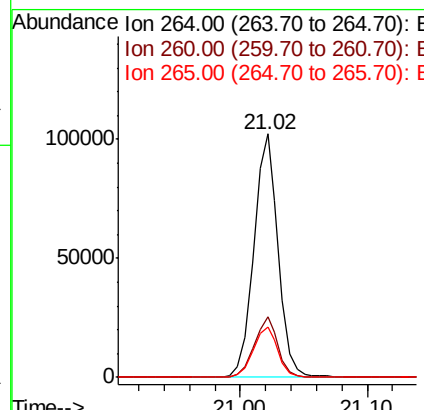
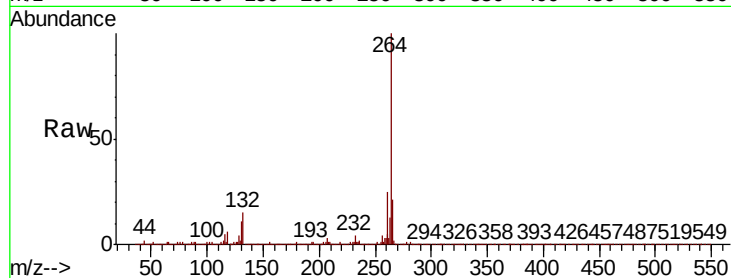




#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3219
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

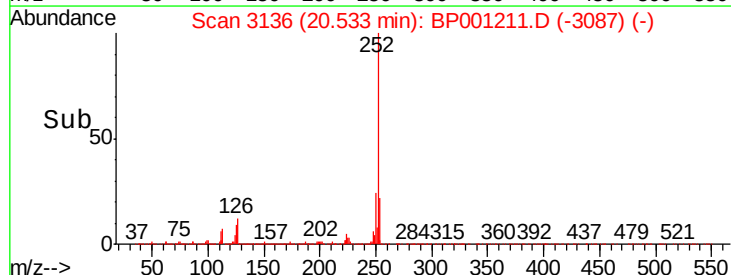
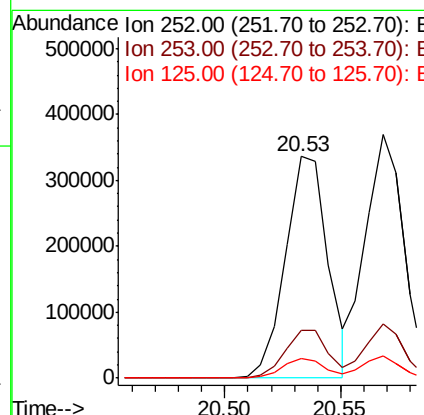
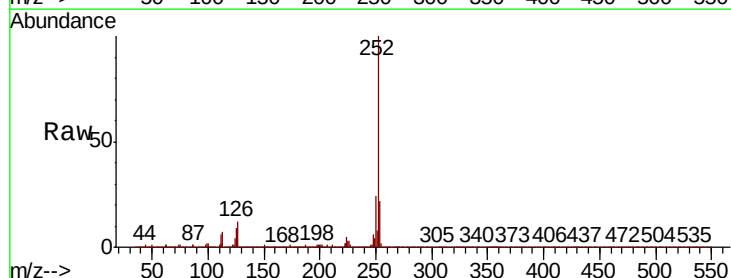
Instrument :
BNA_P
ClientSampled :

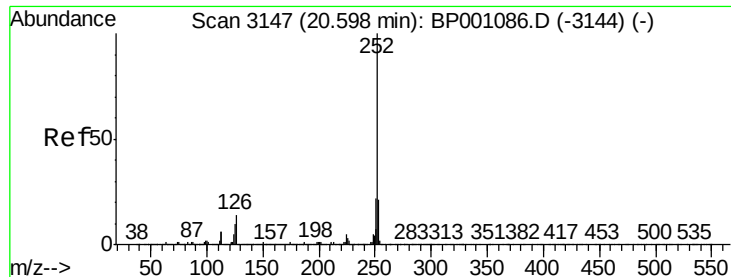
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.4	29.0
265	20.6	17.1	25.7



#88
Benzo(b)fluoranthene
Concen: 51.715 ng
RT: 20.53 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	8.9	6.6	9.8

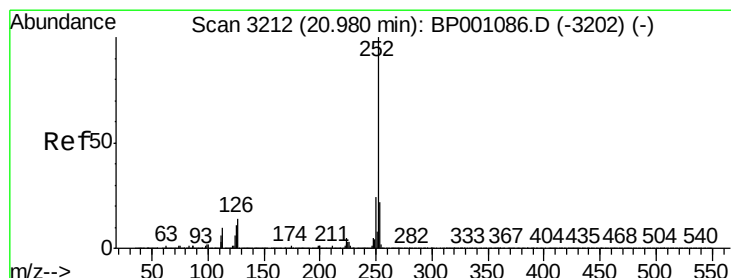
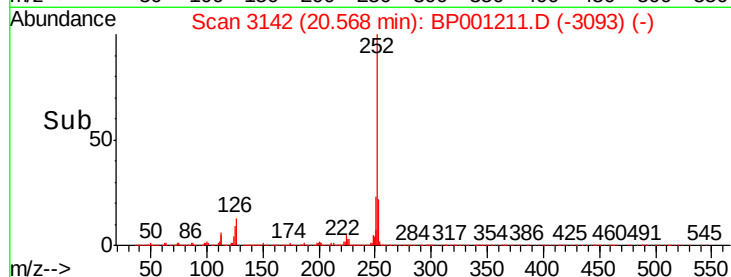
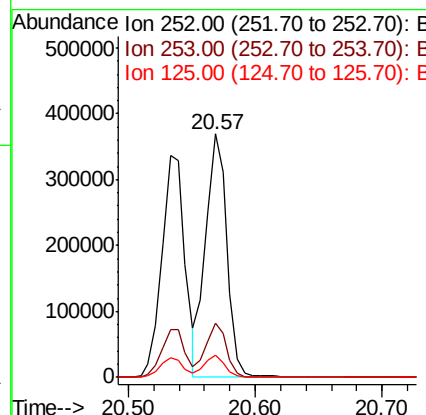
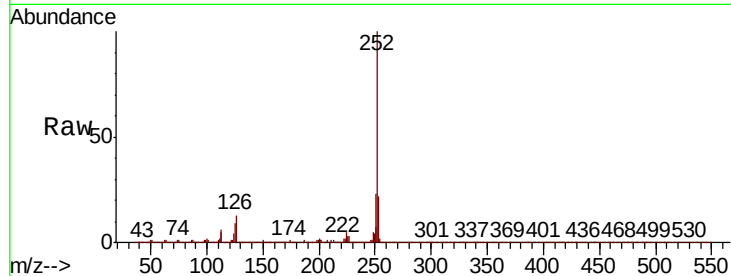




#89
Benzo(k)fluoranthene
Concen: 53.932 ng
RT: 20.57 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

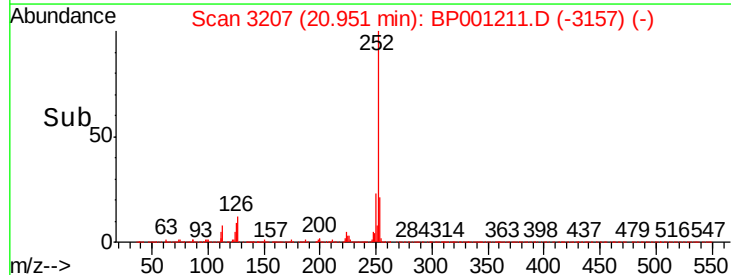
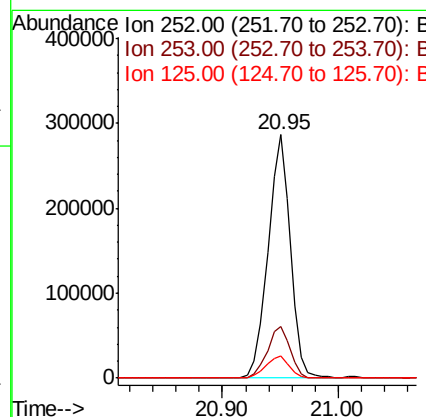
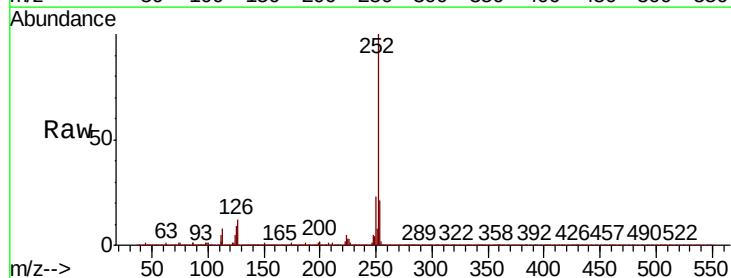
Instrument :
BNA_P
ClientSampleId :

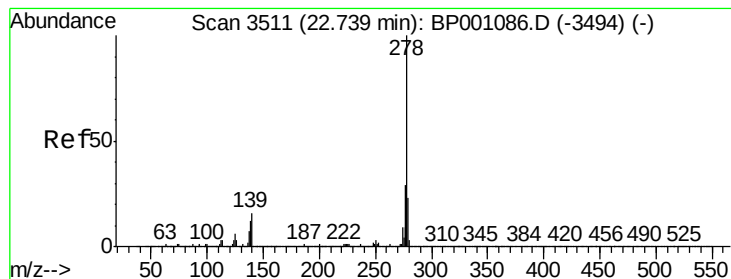
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	9.2	6.2	9.4



#90
Benzo(a)pyrene
Concen: 50.601 ng
RT: 20.95 min Scan# 3207
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	16.8	25.2
125	9.3	7.8	11.6





#91

Dibenzo(a,h)anthracene

Concen: 54.361 ng

RT: 22.69 min Scan# 3503

Delta R.T. -0.01 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

Instrument :

BNA_P

ClientSampled :

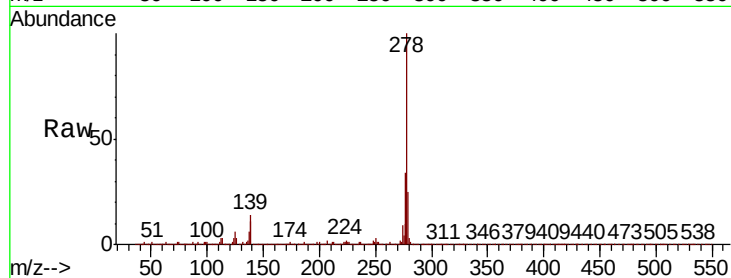
Tot Ion:278 Resp: 406328

Ion Ratio Lower Upper

278 100

139 14.1 11.6 17.4

279 24.6 18.7 28.1

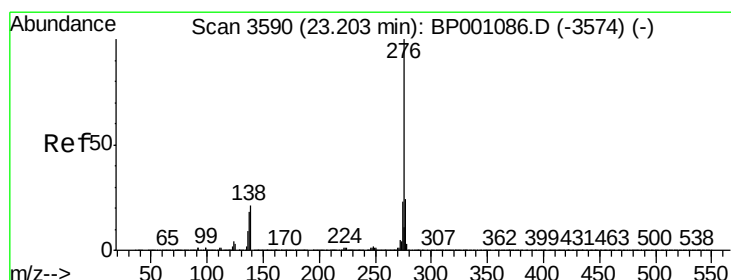
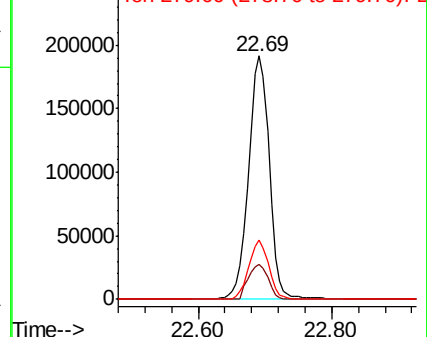
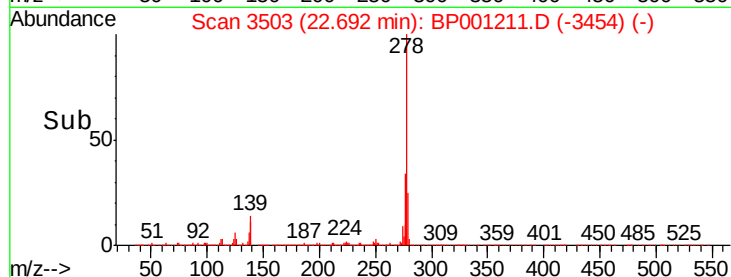


Abundance

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: 56.130 ng

RT: 23.15 min Scan# 3581

Delta R.T. -0.02 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

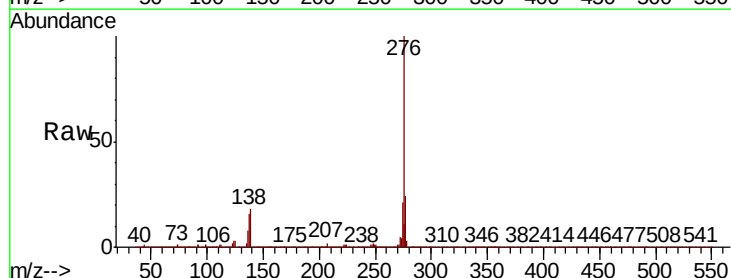
Tgt Ion:276 Resp: 414280

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 18.1 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

