

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121019\
 Data File : BP001302.D
 Acq On : 10 Dec 2019 19:24
 Operator : JU
 Sample : K6111-08MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 11 03:56:28 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	64629	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	231102	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	135082	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	265099	20.00	ng	0.00
76) Chrysene-d12	19.25	240	201906	20.00	ng	-0.01
87) Perylene-d12	21.02	264	209284	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	6.23	112	532979	136.82	ng	0.02
7) Phenol-d6	7.77	99	677974	130.64	ng	0.00
23) Nitrobenzene-d5	9.19	82	564307	105.94	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	242240	187.09	ng	0.00
45) 2-Fluorobiphenyl	12.13	172	1006005	109.00	ng	0.00
79) Terphenyl-d14	17.89	244	1213158	111.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	66938	36.788	ng	98
3) Pyridine	3.50	79	149576	29.625	ng	97
4) n-Nitrosodimethylamine	3.40	42	124406	56.941	ng	# 77
6) Aniline	7.79	93	174455	25.353	ng	# 1
8) 2-Chlorophenol	7.98	128	195550	48.519	ng	97
9) Benzaldehyde	7.60	77	58429	14.988	ng	96
10) Phenol	7.79	94	243032	41.170	ng	96
11) bis(2-Chloroethyl)ether	7.92	93	205362	44.675	ng	99
12) 1,3-Dichlorobenzene	8.22	146	206664	43.261	ng	95
13) 1,4-Dichlorobenzene	8.33	146	213808	44.430	ng	97
14) 1,2-Dichlorobenzene	8.58	146	205043	45.273	ng	99
15) Benzyl Alcohol	8.55	79	238092	55.889	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.78	45	319951	43.293	ng	99
17) 2-Methylphenol	8.73	107	168805	45.659	ng	95
18) Hexachloroethane	9.11	117	89072	44.743	ng	99
19) n-Nitroso-di-n-propylamine	8.98	70	184511	49.271	ng	98
20) 3+4-Methylphenols	8.98	107	226811	48.668	ng	99
22) Acetophenone	8.96	105	344771	50.758	ng	# 96
24) Nitrobenzene	9.22	77	280635	52.982	ng	98
25) Isophorone	9.62	82	487758	51.065	ng	98
26) 2-Nitrophenol	9.73	139	102528	52.846	ng	95
27) 2,4-Dimethylphenol	9.83	122	180989	58.894	ng	96
28) bis(2-Chloroethoxy)methane	9.98	93	276026	46.058	ng	99
29) 2,4-Dichlorophenol	10.12	162	184227	52.671	ng	100
30) 1,2,4-Trichlorobenzene	10.26	180	204307	50.011	ng	98
31) Naphthalene	10.38	128	608821	51.582	ng	99
32) Benzoic acid	10.02	122	76406	34.390	ng	98
33) 4-Chloroaniline	10.47	127	93262	18.208	ng	98
34) Hexachlorobutadiene	10.60	225	138992	54.084	ng	96
35) Caprolactam	11.05	113	29873	24.781	ng	91
36) 4-Chloro-3-methylphenol	11.29	107	220558	53.185	ng	96
37) 2-Methylnaphthalene	11.51	142	427171	53.040	ng	98
38) 1-Methylnaphthalene	11.67	142	389333	51.174	ng	98
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	230414	54.126	ng	98

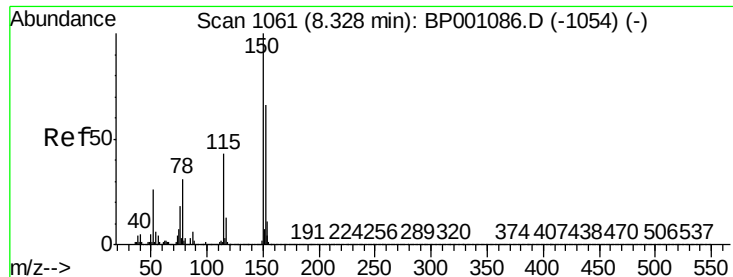
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121019\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.78	237	272818	138.917	ng	99
43) 2,4,6-Trichlorophenol	11.97	196	145176	52.230	ng	98
44) 2,4,5-Trichlorophenol	12.04	196	156801	54.446	ng	97
46) 1,1'-Biphenyl	12.28	154	540694	51.792	ng	99
47) 2-Chloronaphthalene	12.30	162	419413	50.296	ng	99
48) 2-Nitroaniline	12.47	65	167021	51.105	ng	97
49) Acenaphthylene	12.97	152	654668	52.375	ng	100
50) Dimethylphthalate	12.80	163	516227	51.097	ng	100
51) 2,6-Dinitrotoluene	12.89	165	110715	51.194	ng	96
52) Acenaphthene	13.26	154	384266	51.106	ng	99
53) 3-Nitroaniline	13.14	138	62143	25.580	ng	99
54) 2,4-Dinitrophenol	13.32	184	57516	66.433	ng	91
55) Dibenzofuran	13.55	168	609948	53.984	ng	99
56) 4-Nitrophenol	13.45	139	146595	85.156	ng	91
57) 2,4-Dinitrotoluene	13.54	165	150865	55.653	ng	# 88
58) Fluorene	14.11	166	486324	53.716	ng	100
59) 2,3,4,6-Tetrachlorophenol	13.75	232	132608	56.015	ng	100
60) Diethylphthalate	13.97	149	534668	51.111	ng	98
61) 4-Chlorophenyl-phenylether	14.13	204	249235	54.060	ng	99
62) 4-Nitroaniline	12.47	138	129607	46.015	ng	94
63) Azobenzene	14.39	77	584822	51.720	ng	96
65) 4,6-Dinitro-2-methylphenol	14.21	198	49734	44.299	ng	94
66) n-Nitrosodiphenylamine	14.32	169	413737	51.365	ng	99
67) 4-Bromophenyl-phenylether	14.92	248	148425	51.571	ng	98
68) Hexachlorobenzene	15.01	284	159315	50.351	ng	96
69) Atrazine	15.22	200	135642	55.153	ng	96
70) Pentachlorophenol	15.32	266	183532	111.290	ng	100
71) Phenanthrene	15.65	178	725020	52.021	ng	98
72) Anthracene	15.72	178	735012	53.506	ng	99
73) Carbazole	15.96	167	637688	51.015	ng	99
74) Di-n-butylphthalate	16.52	149	852387	50.717	ng	99
75) Fluoranthene	17.35	202	780696	52.912	ng	99
77) Benzidine	17.54	184	224460	43.057	ng	100
78) Pyrene	17.66	202	791182	49.752	ng	100
80) Butylbenzylphthalate	18.54	149	359647	48.964	ng	96
81) Benzo(a)anthracene	19.23	228	688329	49.170	ng	100
82) 3,3'-Dichlorobenzidine	19.20	252	158408	34.253	ng	96
83) Chrysene	19.28	228	661481	52.768	ng	98
84) Bis(2-ethylhexyl)phthalate	19.29	149	518402	51.334	ng	98
85) Di-n-octyl phthalate	20.06	149	871726	48.593	ng	100
86) Indeno(1,2,3-cd)pyrene	22.66	276	697981	47.246	ng	97
88) Benzo(b)fluoranthene	20.53	252	673666	52.700	ng	99
89) Benzo(k)fluoranthene	20.57	252	613835	49.857	ng	99
90) Benzo(a)pyrene	20.95	252	612381	52.009	ng	98
91) Dibenzo(a,h)anthracene	22.69	278	580805	50.406	ng	98
92) Benzo(g,h,i)perylene	23.15	276	561873	49.383	ng	97

(#) = 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: BP001302.D

Acq: 10 Dec 2019 19:24

Instrument :

BNA_P

ClientSampleId :

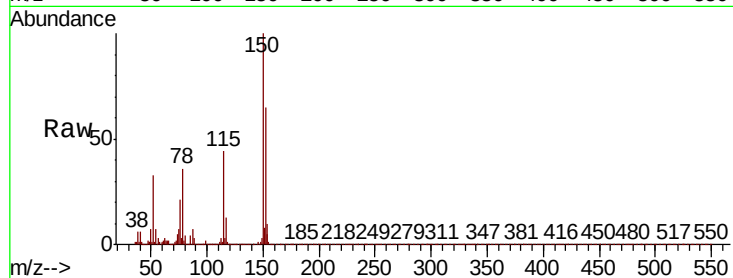
Tot Ion:152 Resp: 64629

Ion Ratio Lower Upper

152 100

150 154.1 127.3 190.9

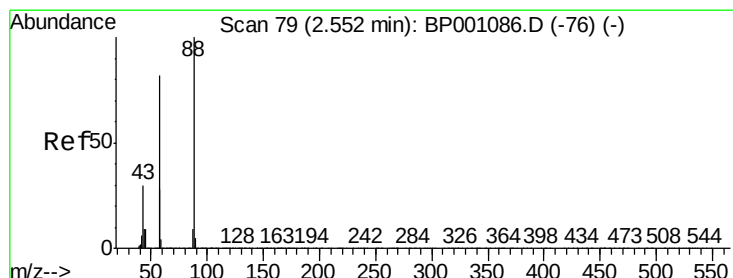
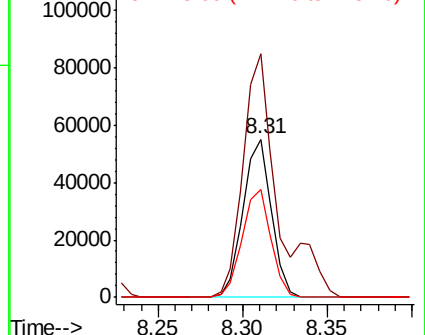
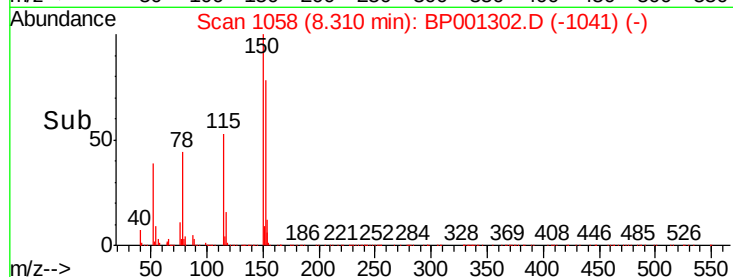
115 68.0 56.0 84.0



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: 36.788 ng

RT: 2.68 min Scan# 101

Delta R.T. 0.14 min

Lab File: BP001302.D

Acq: 10 Dec 2019 19:24

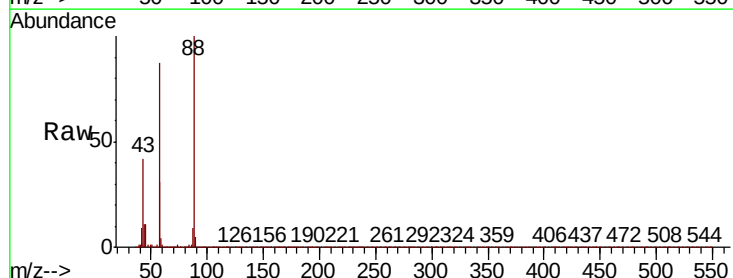
Tgt Ion: 88 Resp: 66938

Ion Ratio Lower Upper

88 100

58 85.5 67.8 101.6

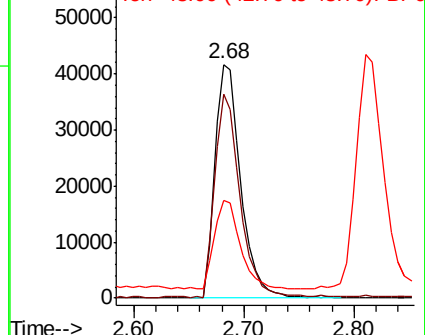
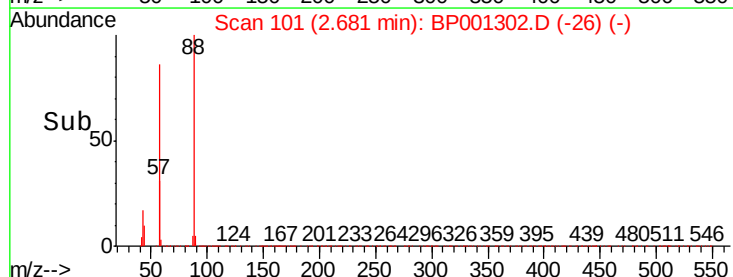
43 38.0 28.0 42.0

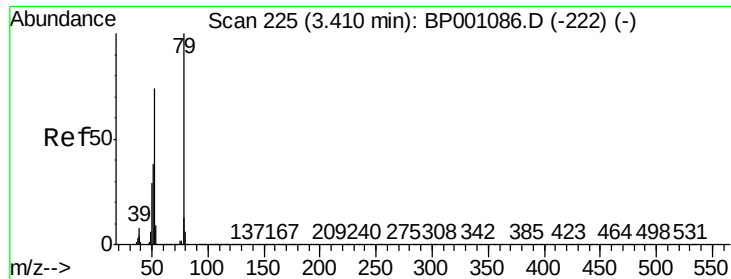


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0

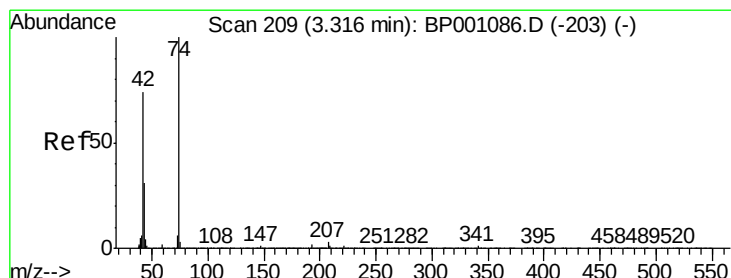
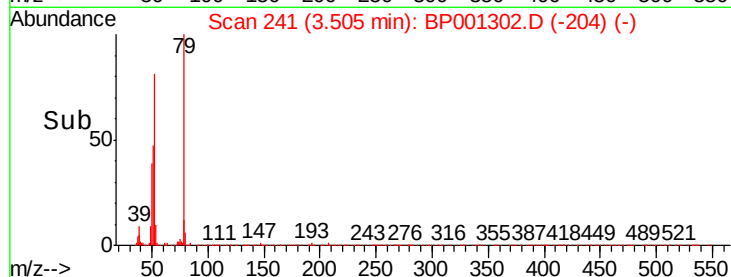
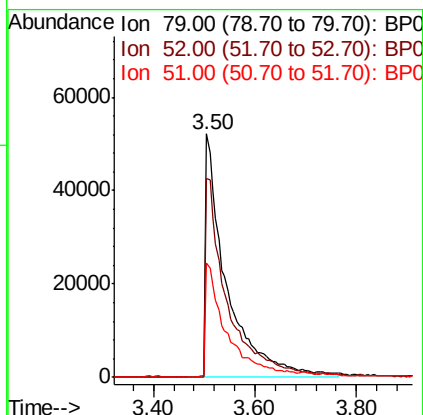
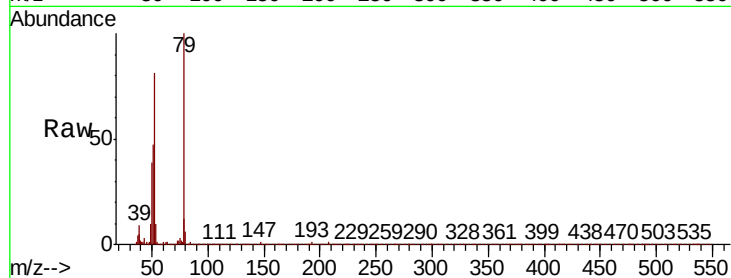




#3
 Pvridine
 Concen: 29.625 ng
 RT: 3.50 min Scan# 241
 Delta R.T. 0.12 min
 Lab File: BP001302.D
 Acq: 10 Dec 2019 19:24

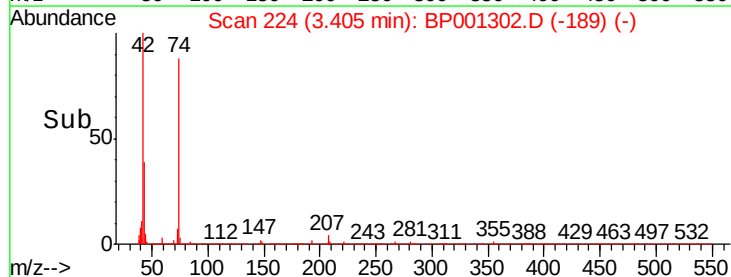
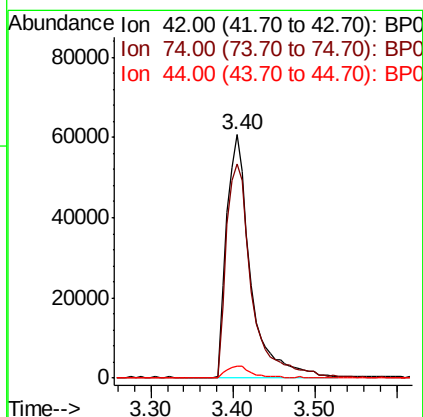
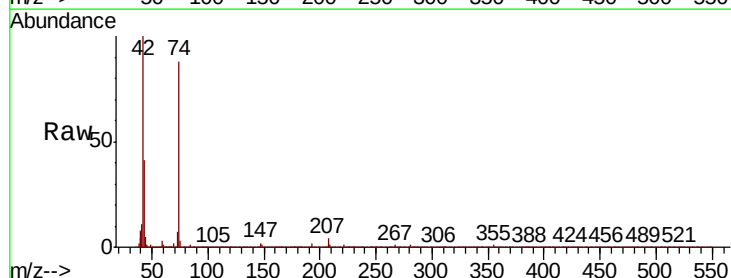
Instrument :
 BNA_P
 ClientSampleId :

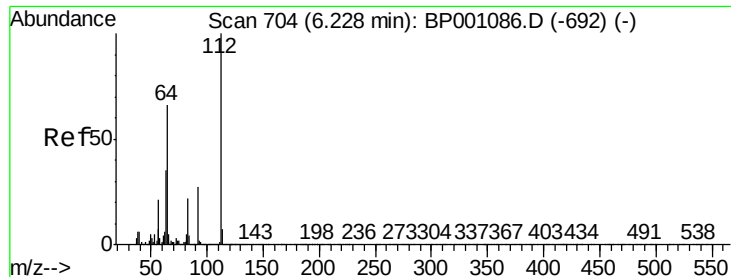
Tot Ion	Ratio	Lower	Upper
79	100		
52	81.5	65.1	97.7
51	46.9	32.7	49.1



#4
 n-Nitrosodimethylamine
 Concen: 56.941 ng
 RT: 3.40 min Scan# 224
 Delta R.T. 0.11 min
 Lab File: BP001302.D
 Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
42	100		
74	88.1	91.4	137.0#
44	4.7	4.9	7.3#





#5

2-Fluorophenol

Concen: 136.820 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.02 min

Lab File: BP001302.D

Acq: 10 Dec 2019 19:24

Instrument :

BNA_P

ClientSampleId :

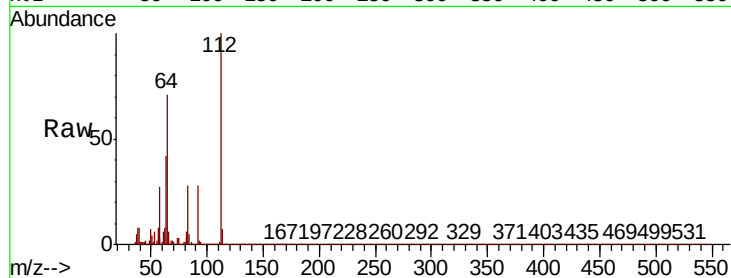
Tot Ion: 112 Resp: 532979

Ion Ratio Lower Upper

112 100

64 70.6 56.8 85.2

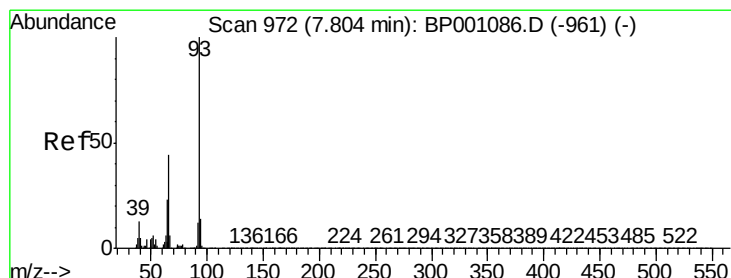
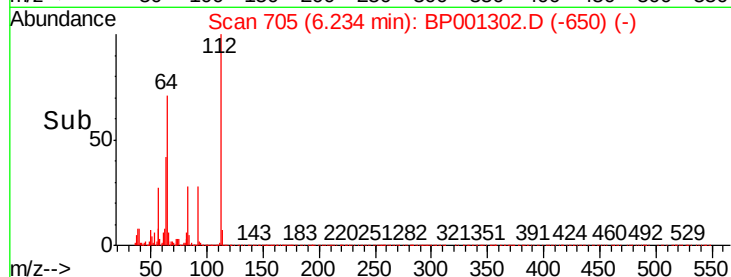
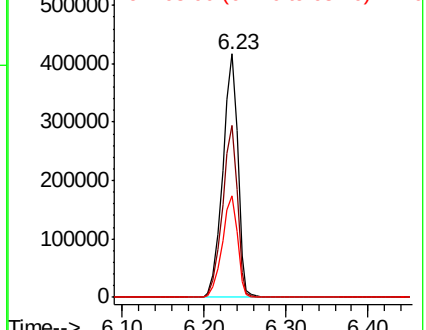
63 41.5 32.2 48.2



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: 25.353 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BP001302.D

Acq: 10 Dec 2019 19:24

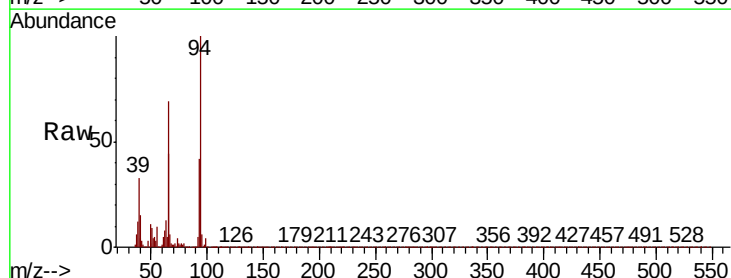
Tgt Ion: 93 Resp: 174455

Ion Ratio Lower Upper

93 100

66 163.7 36.8 55.2#

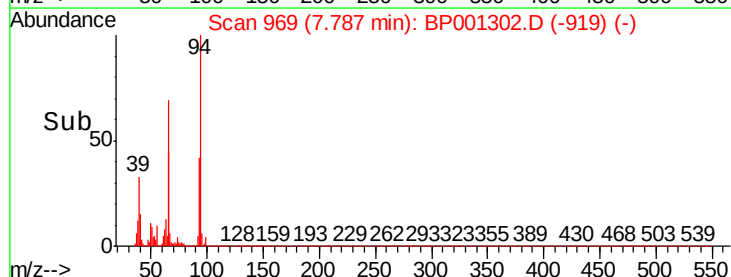
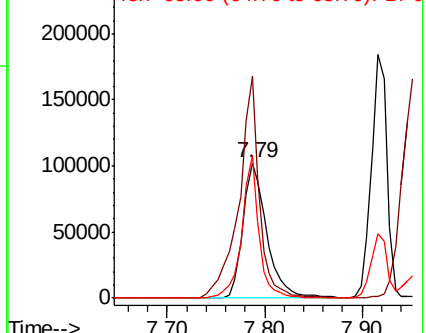
65 105.7 19.8 29.8#

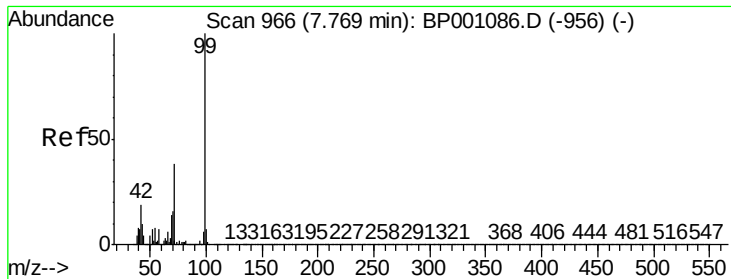


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 130.638 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.01 min

Lab File: BP001302.D

Acq: 10 Dec 2019 19:24

Instrument :

BNA_P

ClientSampled :

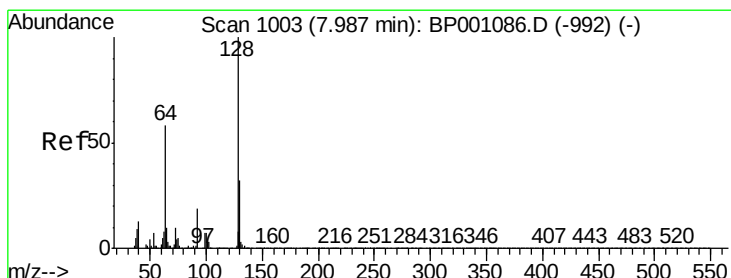
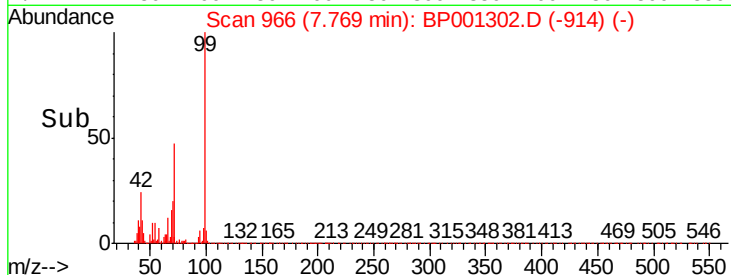
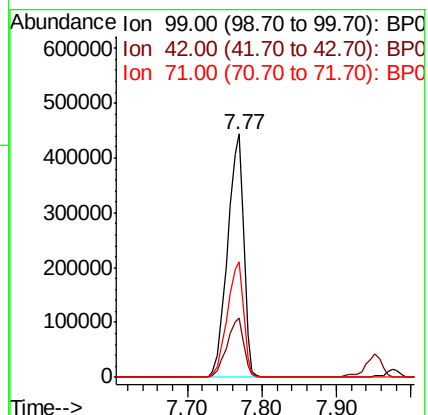
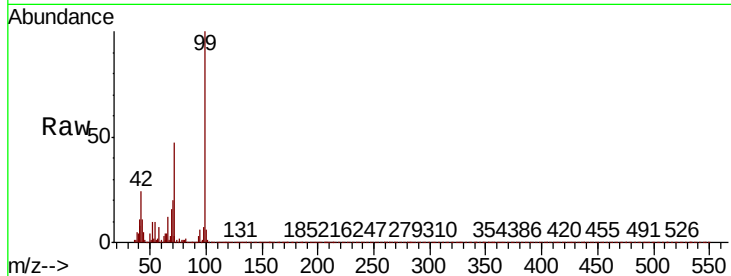
Tot Ion: 99 Resp: 677974

Ion Ratio Lower Upper

99 100

42 24.5 17.6 26.4

71 47.4 33.8 50.8



#8

2-Chlorophenol

Concen: 48.519 ng

RT: 7.98 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BP001302.D

Acq: 10 Dec 2019 19:24

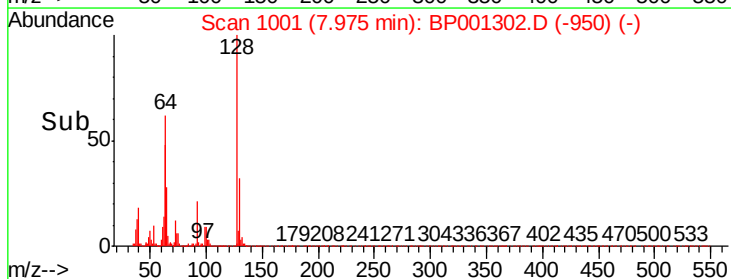
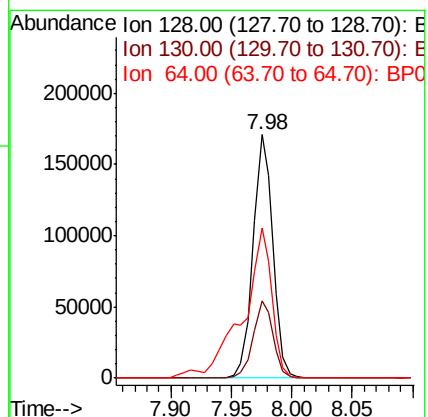
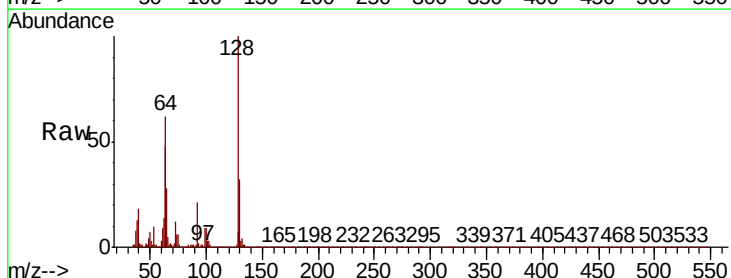
Tgt Ion: 128 Resp: 195550

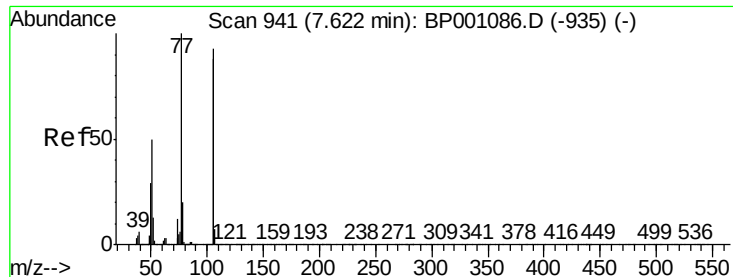
Ion Ratio Lower Upper

128 100

130 31.6 12.4 52.4

64 61.8 38.9 78.9





#9

Benzaldehyde

Concen: 14.988 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BP001302.D

Acq: 10 Dec 2019 19:24

Instrument :

BNA_P

ClientSampleId :

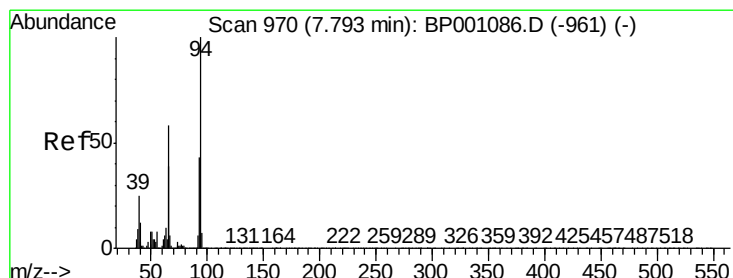
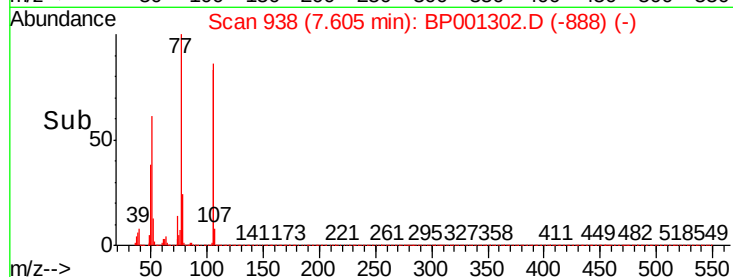
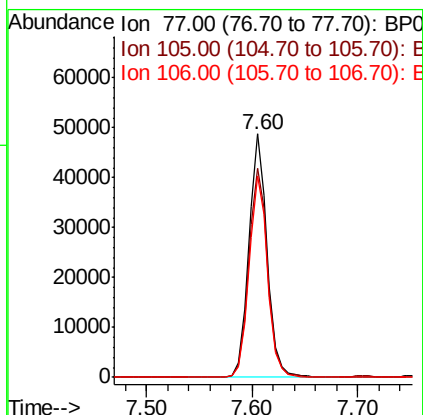
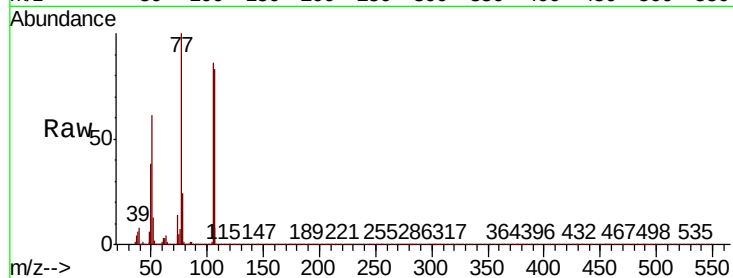
Tot Ion: 77 Resp: 58429

Ion Ratio Lower Upper

77 100

105 86.1 69.7 109.7

106 82.8 67.1 107.1



#10

Phenol

Concen: 41.170 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.01 min

Lab File: BP001302.D

Acq: 10 Dec 2019 19:24

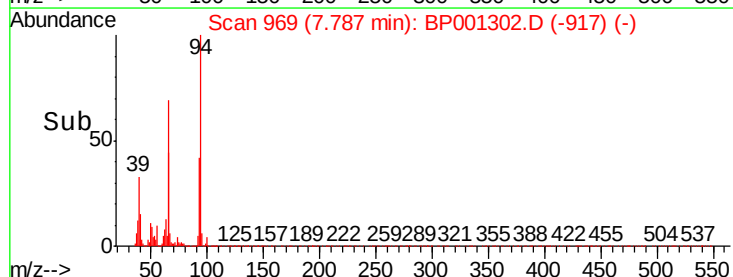
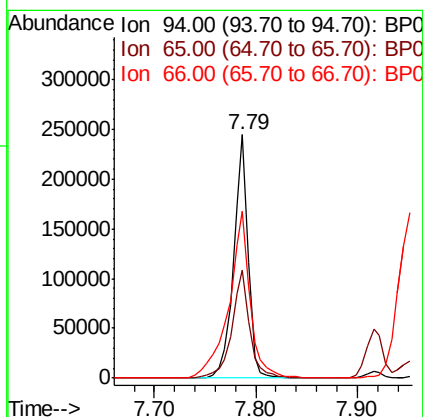
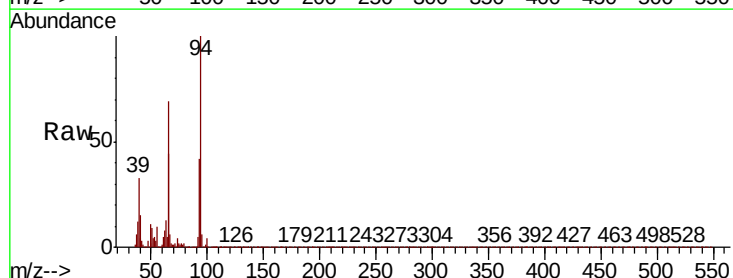
Tgt Ion: 94 Resp: 243032

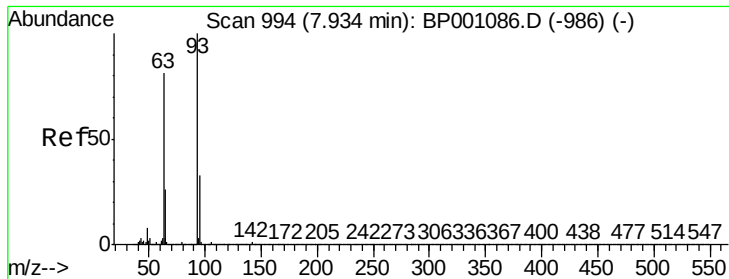
Ion Ratio Lower Upper

94 100

65 44.3 25.6 65.6

66 68.5 52.6 92.6

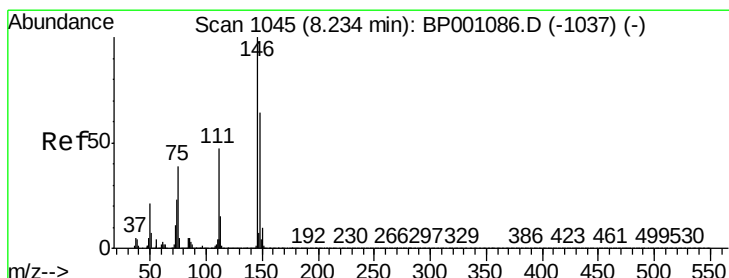
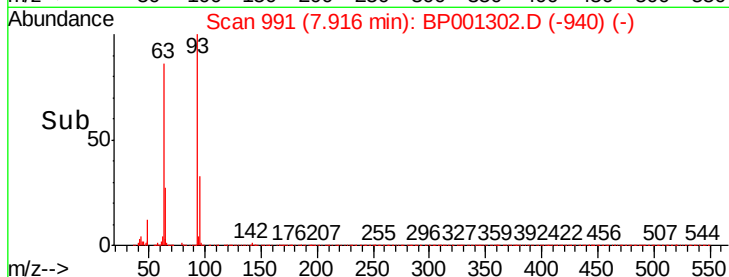
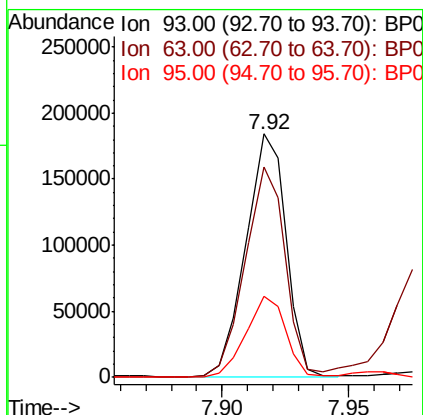
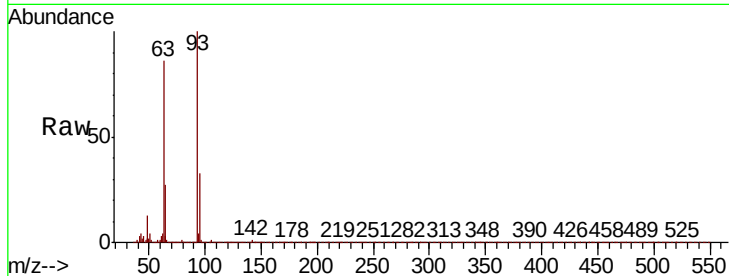




#11
bis(2-Chloroethyl)ether
Concen: 44.675 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.00 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

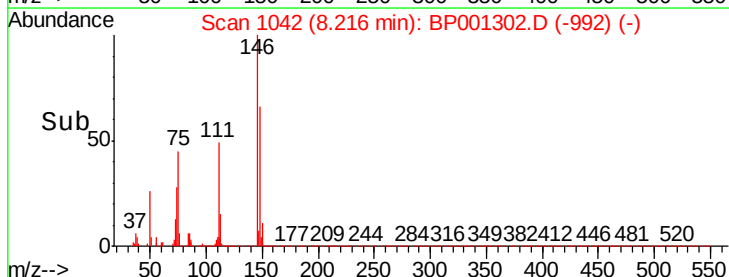
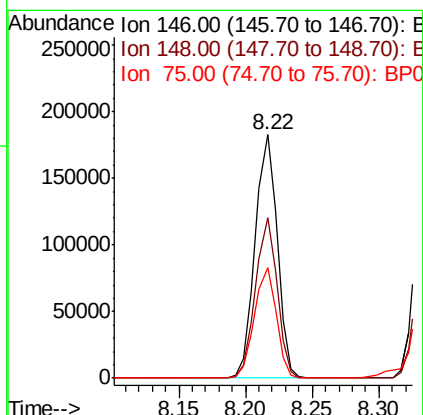
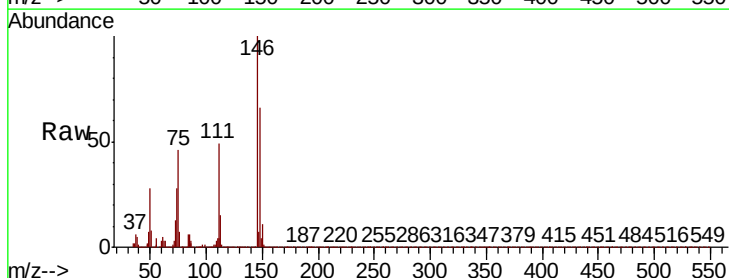
Instrument :
BNA_P
ClientSampleId :

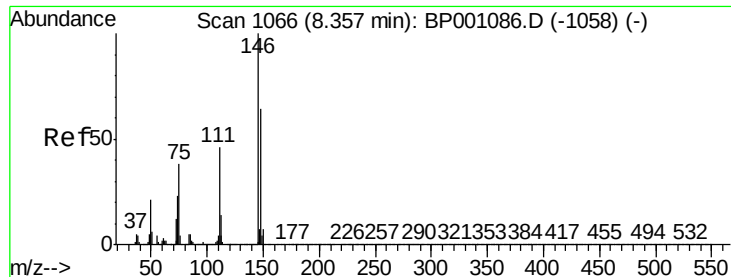
Tot Ion	Ratio	Lower	Upper
93	100		
63	86.2	65.8	105.8
95	33.4	11.7	51.7



#12
1,3-Dichlorobenzene
Concen: 43.261 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.4	77.0
75	45.6	32.2	48.2

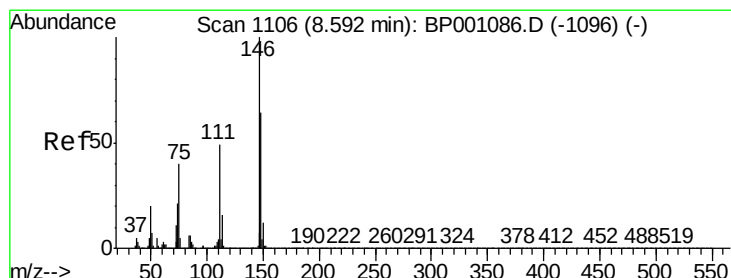
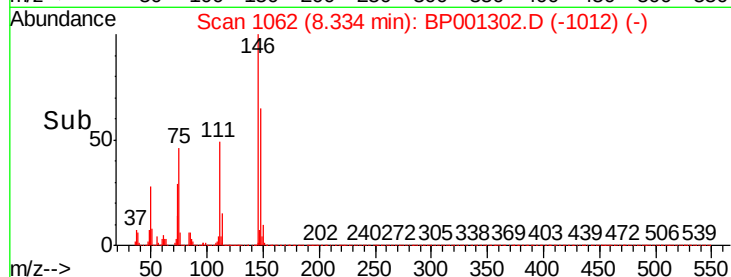
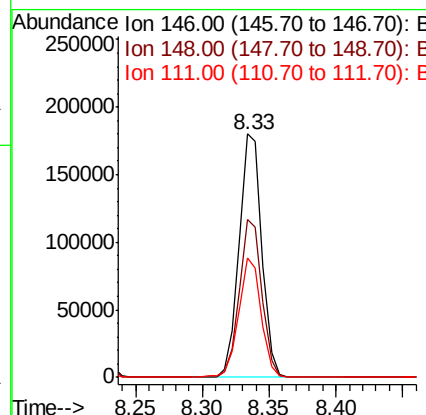
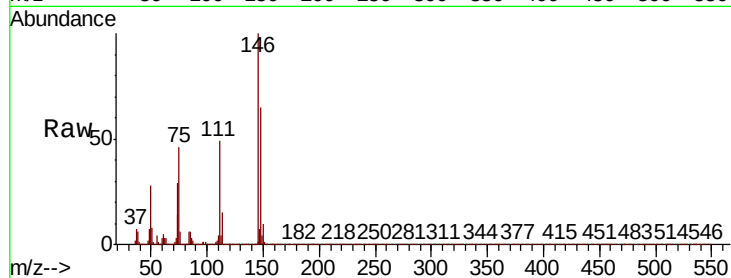




#13
1,4-Dichlorobenzene
Concen: 44.430 ng
RT: 8.33 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

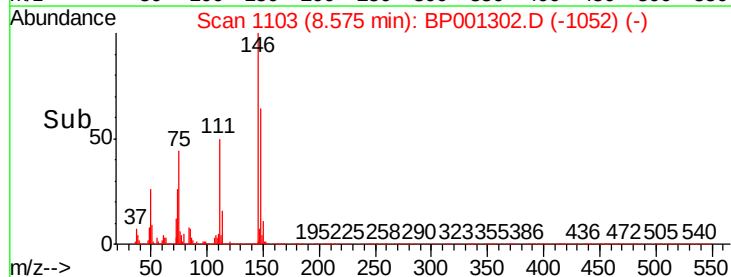
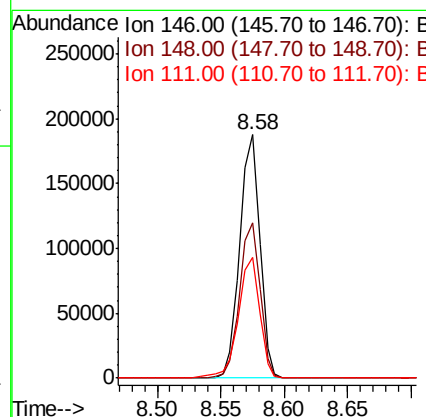
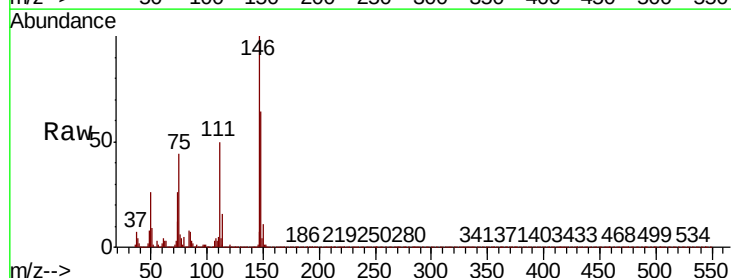
Instrument :
BNA_P
ClientSampled :

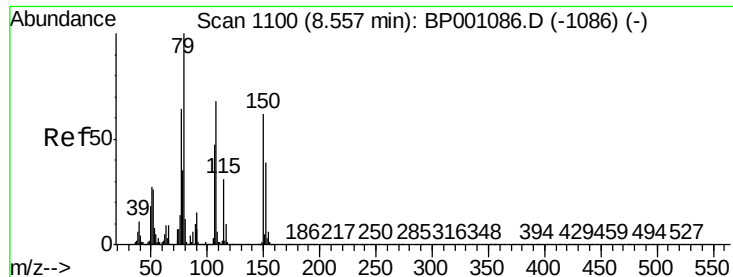
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.8	76.2
111	49.1	37.3	55.9



#14
1,2-Dichlorobenzene
Concen: 45.273 ng
RT: 8.58 min Scan# 1103
Delta R.T. 0.00 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.5	77.3
111	49.7	40.7	61.1

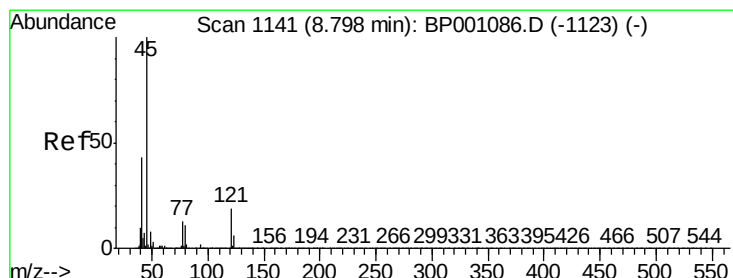
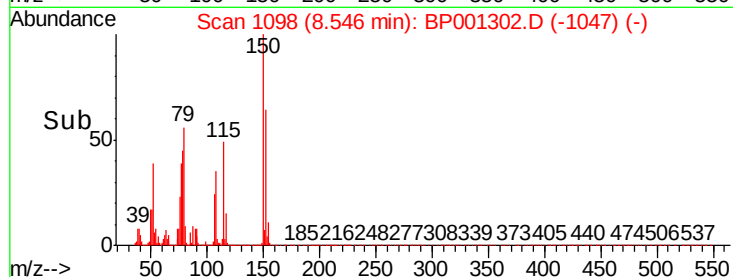
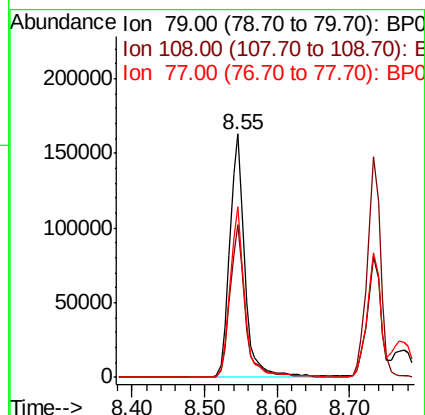
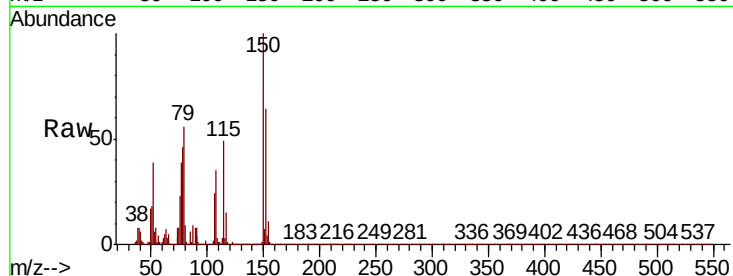




#15
Benzyl Alcohol
Concen: 55.889 ng
RT: 8.55 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

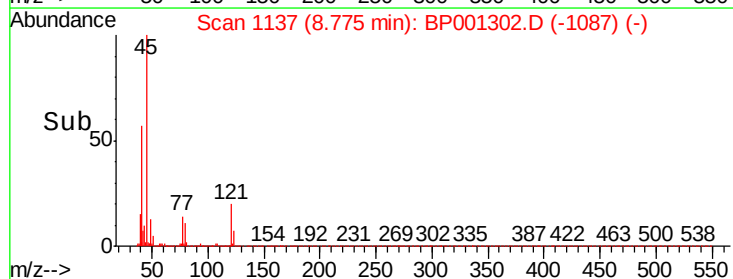
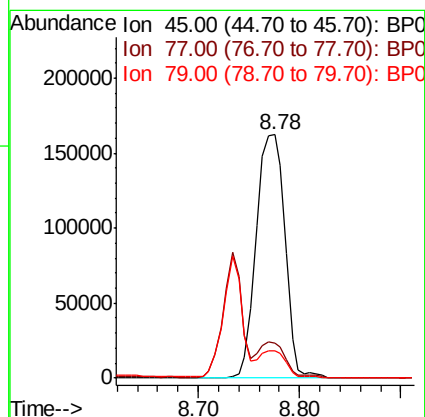
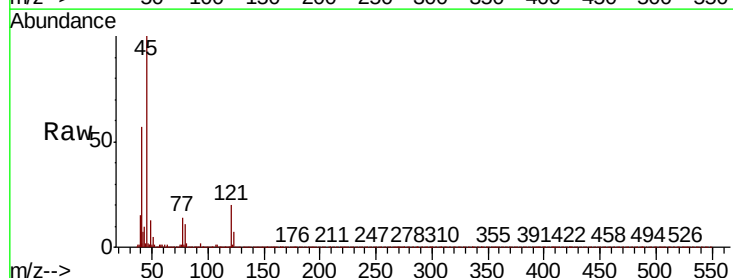
Instrument :
BNA_P
ClientSampleId :

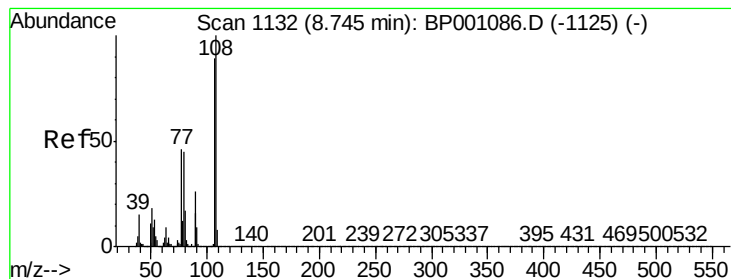
Tot Ion: 79 Resp: 238092
Ion Ratio Lower Upper
79 100
108 62.7 51.6 77.4
77 70.0 53.5 80.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.293 ng
RT: 8.78 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

Tgt Ion: 45 Resp: 319951
Ion Ratio Lower Upper
45 100
77 14.4 0.0 33.9
79 11.1 0.0 30.9





#17

2-Methylphenol

Concen: 45.659 ng

RT: 8.73 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BP001302.D

Acq: 10 Dec 2019 19:24

Instrument :

BNA_P

ClientSampleId :

Tot Ion:107 Resp: 168805

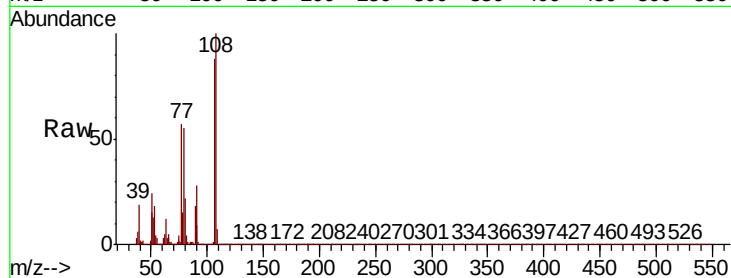
Ion Ratio Lower Upper

107 100

108 113.5 88.8 133.2

77 64.4 46.3 69.5

79 62.3 46.6 70.0

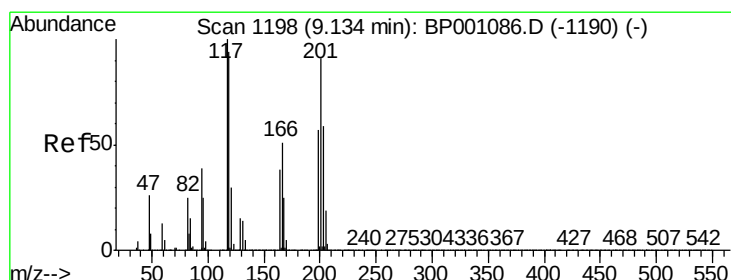
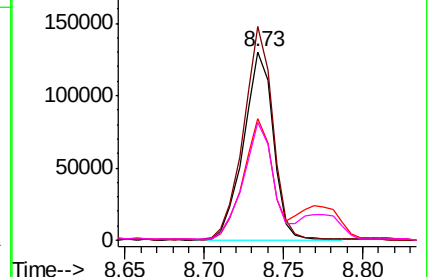
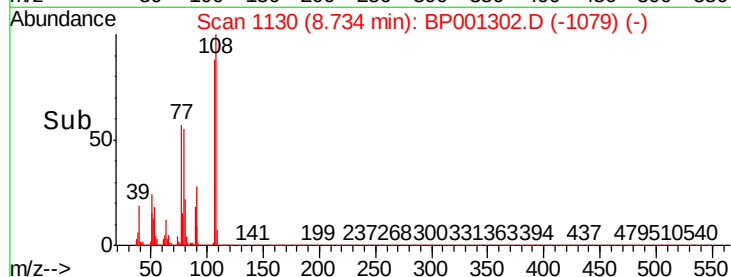


Abundance Ion 107.00 (106.70 to 107.70): E

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: 44.743 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BP001302.D

Acq: 10 Dec 2019 19:24

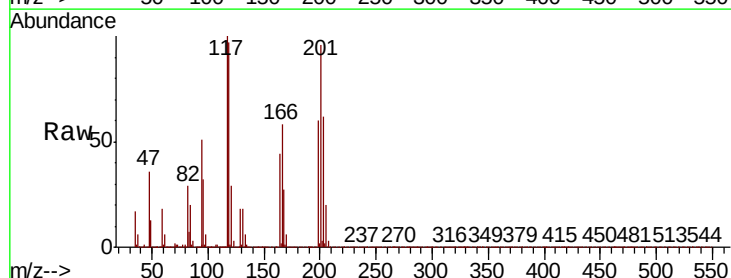
Tgt Ion:117 Resp: 89072

Ion Ratio Lower Upper

117 100

119 97.4 78.7 118.1

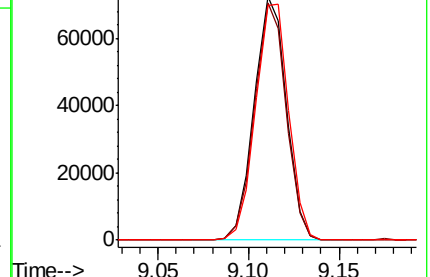
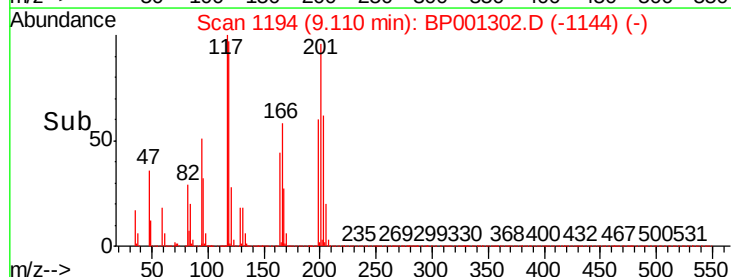
201 96.3 75.5 113.3

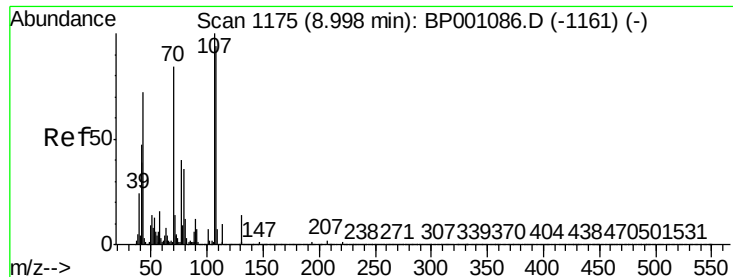


Abundance Ion 117.00 (116.70 to 117.70): E

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: 49.271 ng

RT: 8.98 min Scan# 1172

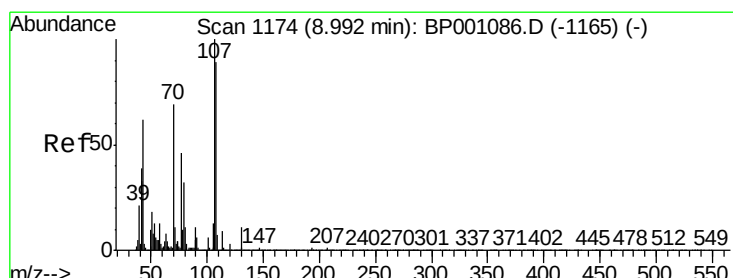
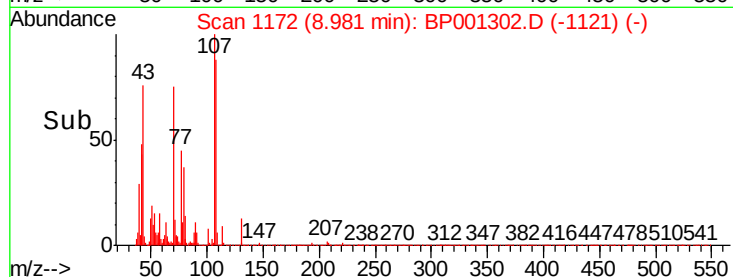
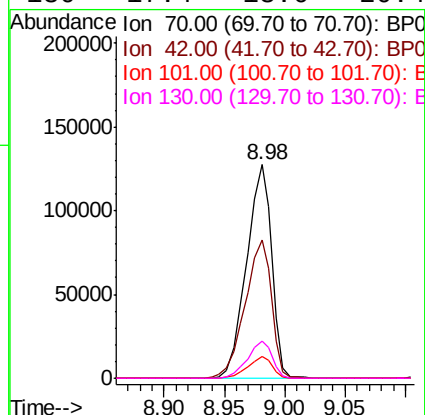
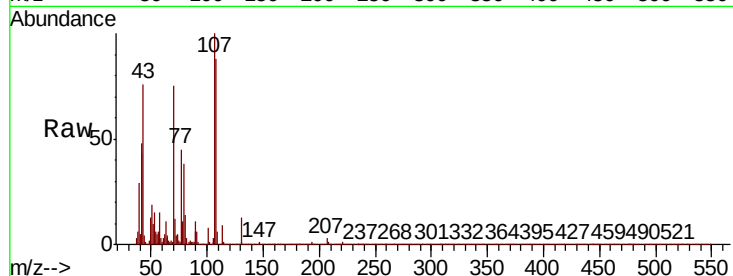
Delta R.T. 0.00 min

Lab File: BP001302.D

Acq: 10 Dec 2019 19:24

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	70	Resp:	184511
Ion	Ratio	Lower	Upper
70	100		
42	64.9	50.6	76.0
101	10.1	7.1	10.7
130	17.4	13.6	20.4



#20

3+4-Methylphenols

Concen: 48.668 ng

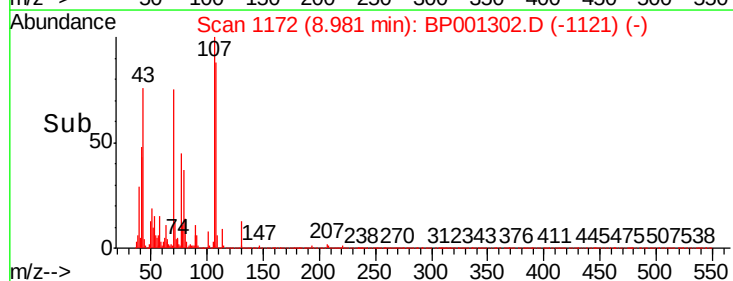
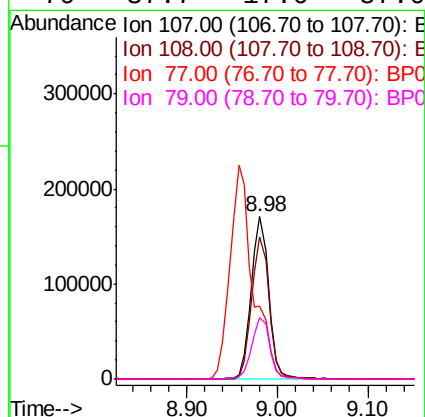
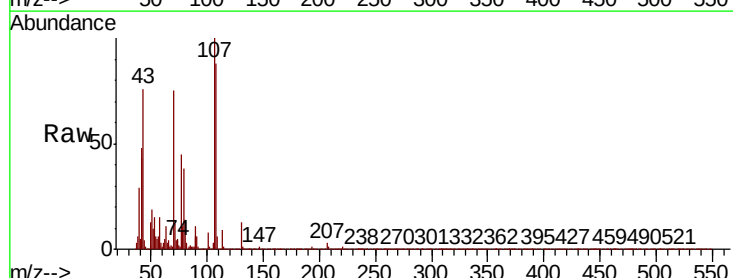
RT: 8.98 min Scan# 1172

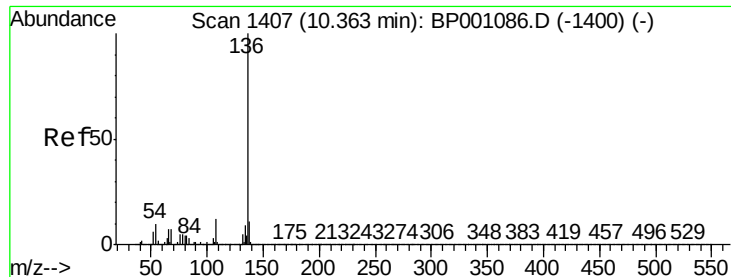
Delta R.T. 0.00 min

Lab File: BP001302.D

Acq: 10 Dec 2019 19:24

Tgt Ion:	107	Resp:	226811
Ion	Ratio	Lower	Upper
107	100		
108	87.9	68.3	108.3
77	45.1	25.2	65.2
79	37.7	17.0	57.0

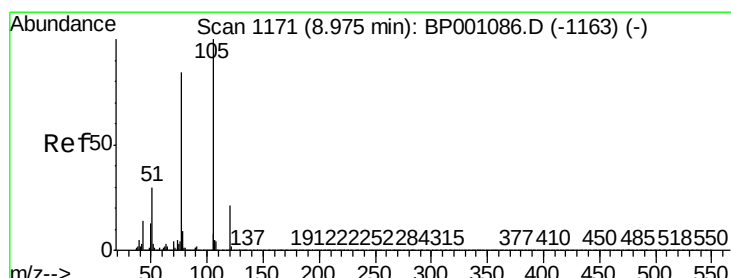
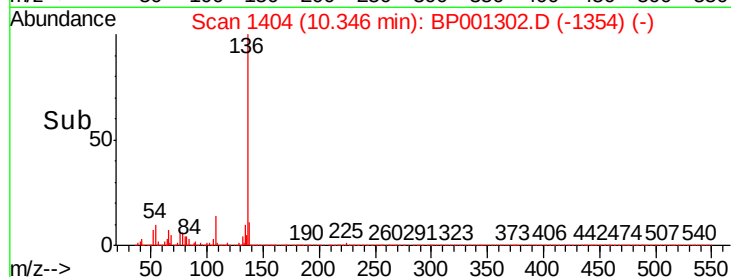
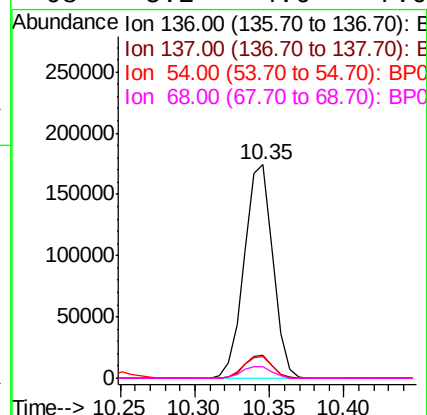
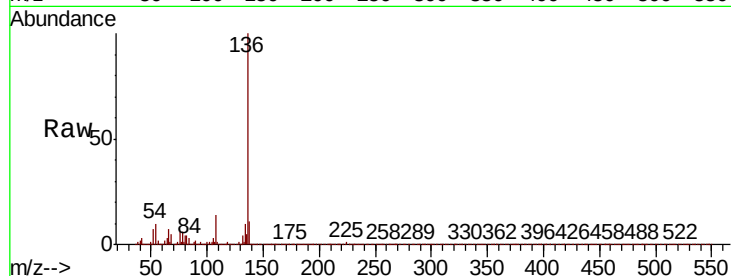




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

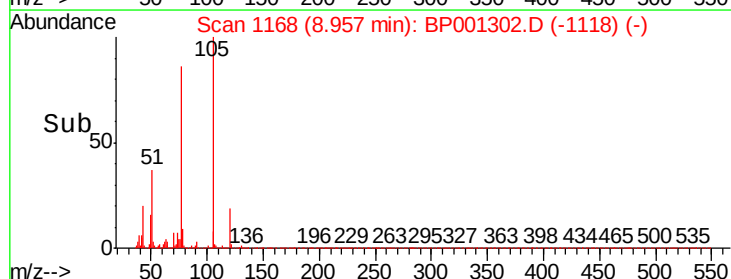
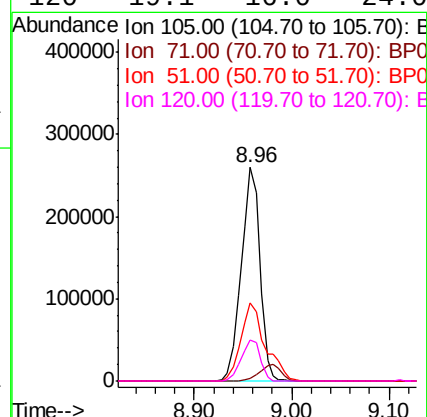
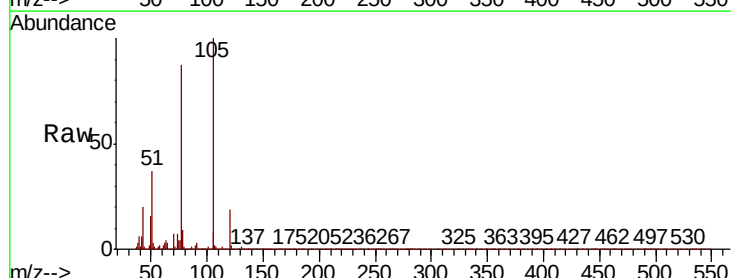
Instrument :
BNA_P
ClientSampleId :

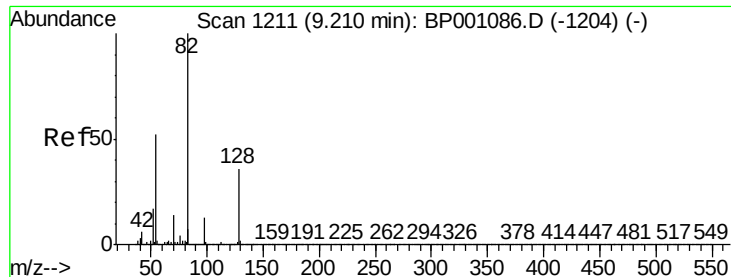
Tot Ion:136	Resp:	231102
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.4	12.6
54 10.2	7.4	11.0
68 5.2	4.6	7.0



#22
Acetophenone
Concen: 50.758 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

Tgt	Ion:105	Resp:	344771
Ion	Ratio	Lower	Upper
105	100		
71	1.2	0.7	1.1#
51	36.8	26.9	40.3
120	19.1	16.0	24.0

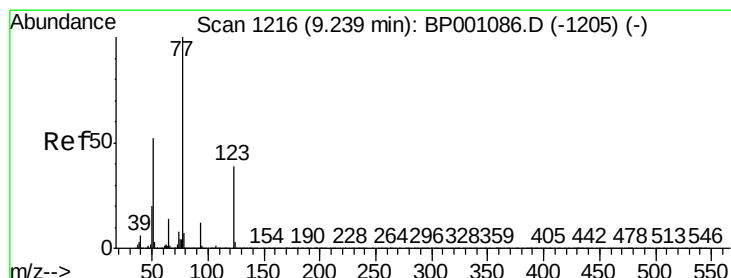
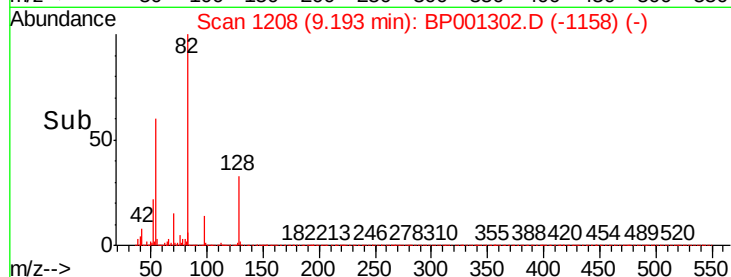
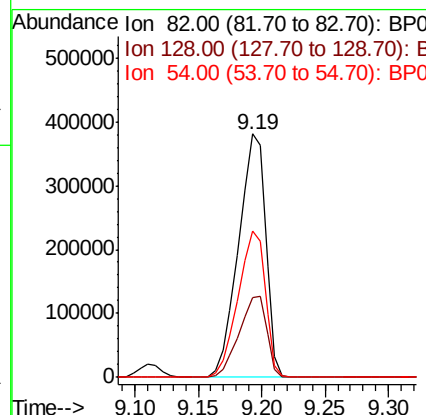
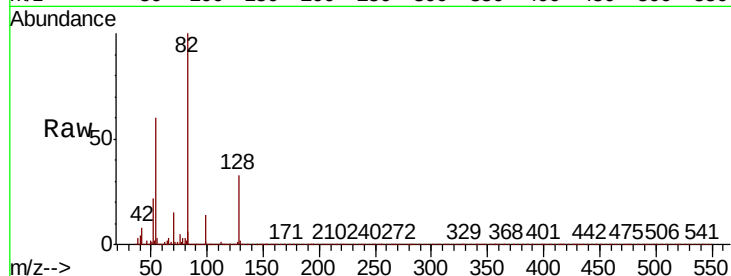




#23
 Nitrobenzene-d5
 Concen: 105.940 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BP001302.D
 Acq: 10 Dec 2019 19:24

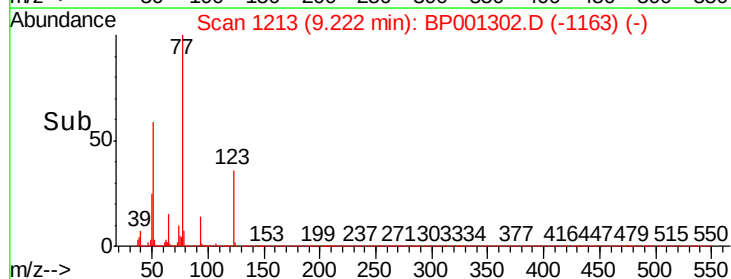
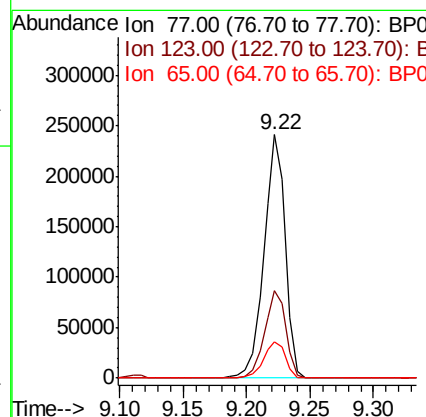
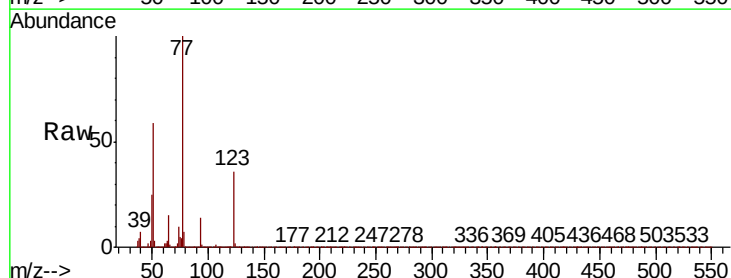
Instrument :
 BNA_P
 ClientSampled :

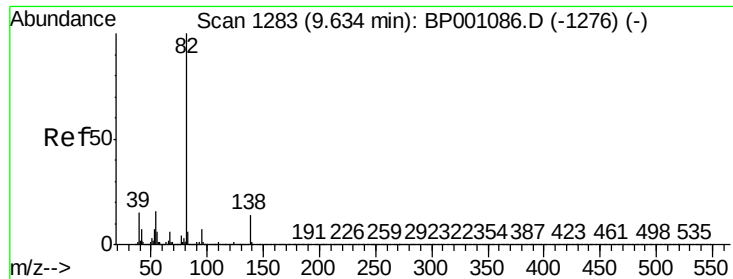
Tot Ion	82	Resp	564307
Ion Ratio	Lower	Upper	
82	100		
128	32.9	27.5	41.3
54	60.3	45.7	68.5



#24
 Nitrobenzene
 Concen: 52.982 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BP001302.D
 Acq: 10 Dec 2019 19:24

Tgt Ion	77	Resp	280635
Ion Ratio	Lower	Upper	
77	100		
123	35.9	30.2	45.4
65	15.0	11.9	17.9

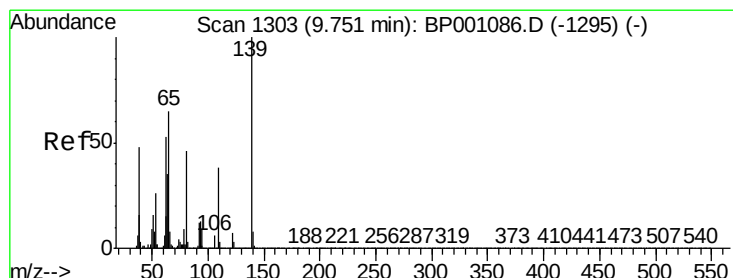
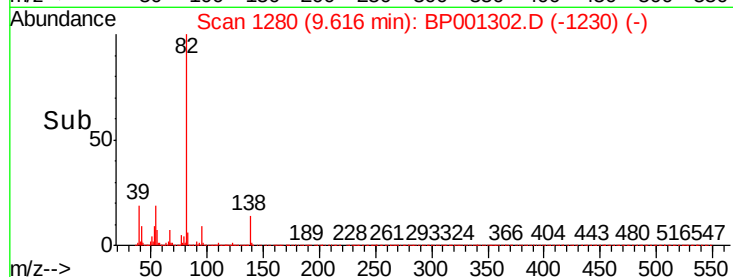
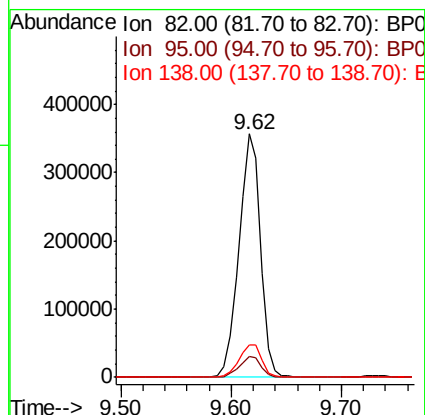
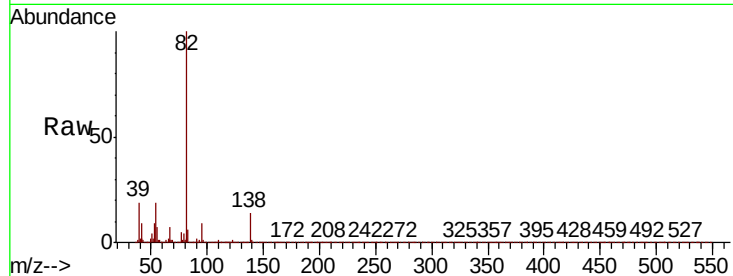




#25
Isophorone
Concen: 51.065 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

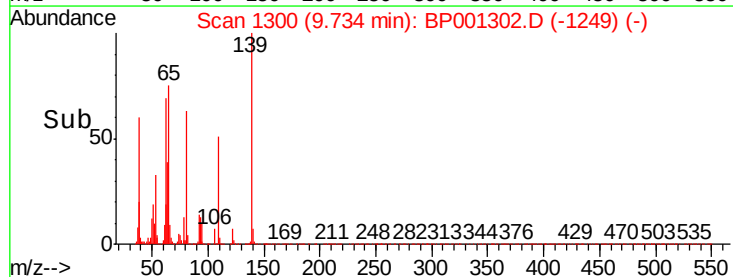
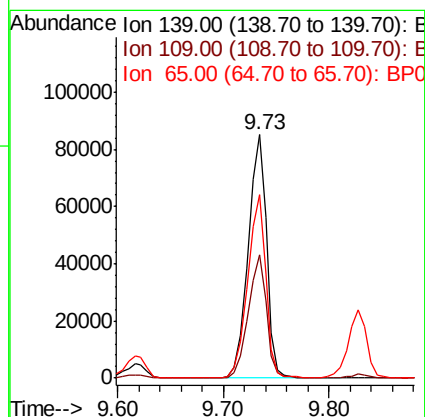
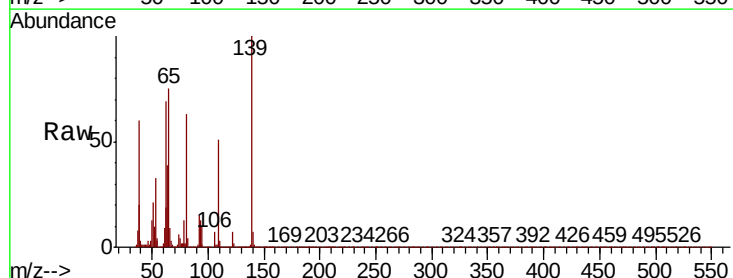
Instrument :
BNA_P
ClientSampled :

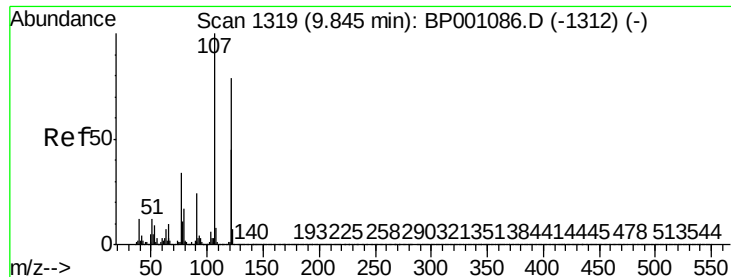
Tot Ion	82	Resp	487758
Ion Ratio	Lower	Upper	
82	100		
95	8.7	6.3	9.5
138	13.5	11.4	17.0



#26
2-Nitrophenol
Concen: 52.846 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

Tgt Ion	139	Resp	102528
Ion Ratio	Lower	Upper	
139	100		
109	50.7	35.5	53.3
65	75.4	59.3	88.9





#27

2,4-Dimethylphenol

Concen: 58.894 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BP001302.D

Acq: 10 Dec 2019 19:24

Instrument :

BNA_P

ClientSampleId :

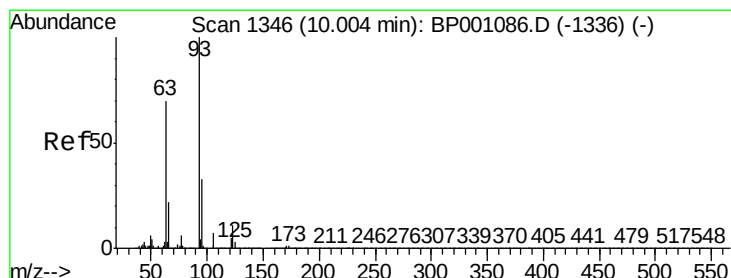
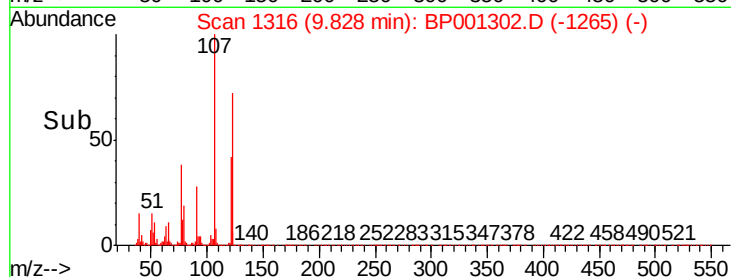
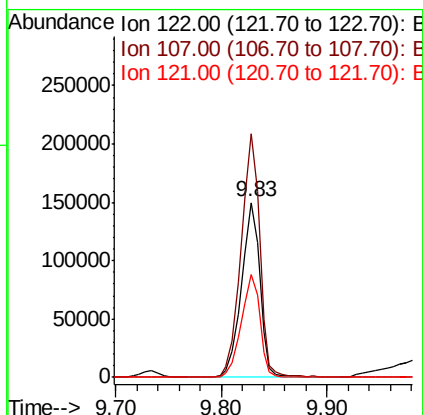
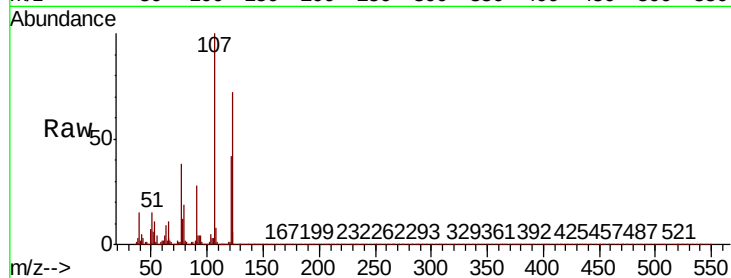
Tot Ion:122 Resp: 180989

Ion Ratio Lower Upper

122 100

107 139.5 106.7 160.1

121 58.8 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 46.058 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BP001302.D

Acq: 10 Dec 2019 19:24

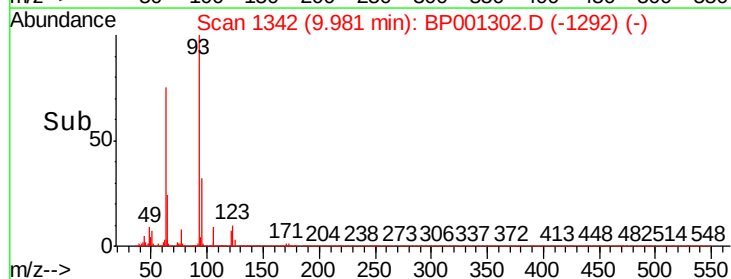
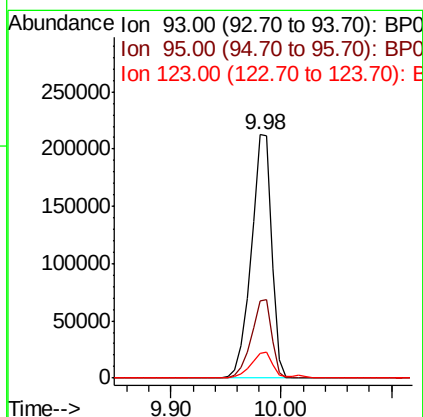
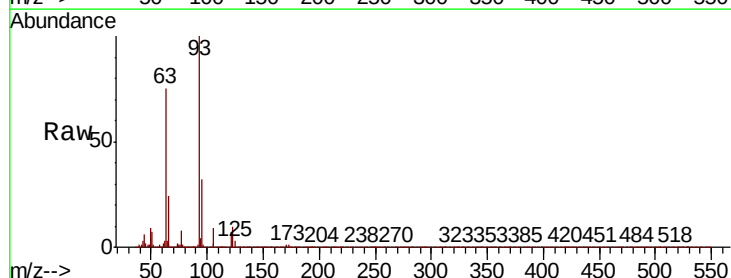
Tgt Ion: 93 Resp: 276026

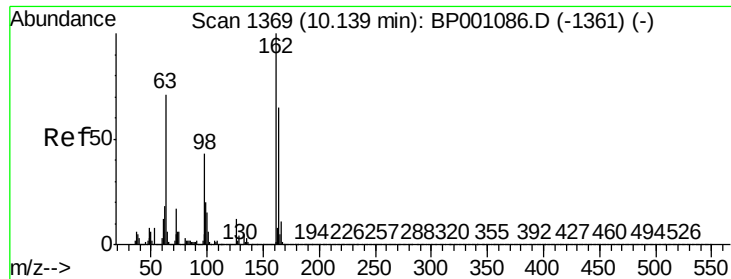
Ion Ratio Lower Upper

93 100

95 31.6 25.8 38.6

123 10.2 8.5 12.7

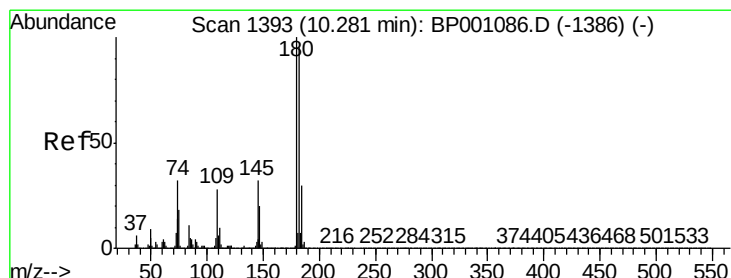
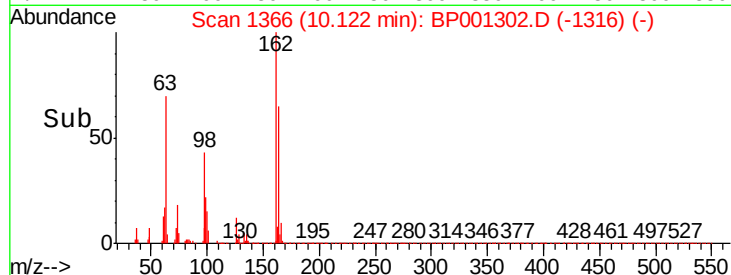
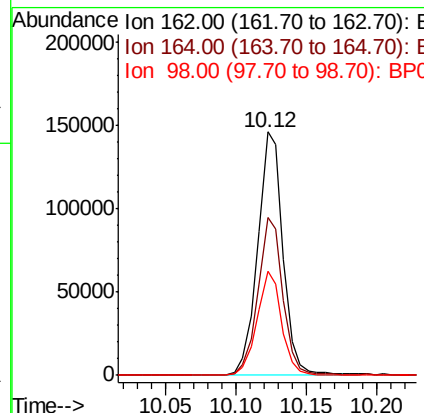
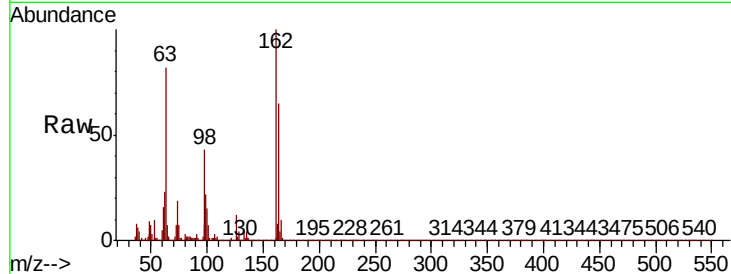




#29
 2,4-Dichlorophenol
 Concen: 52.671 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.01 min
 Lab File: BP001302.D
 Acq: 10 Dec 2019 19:24

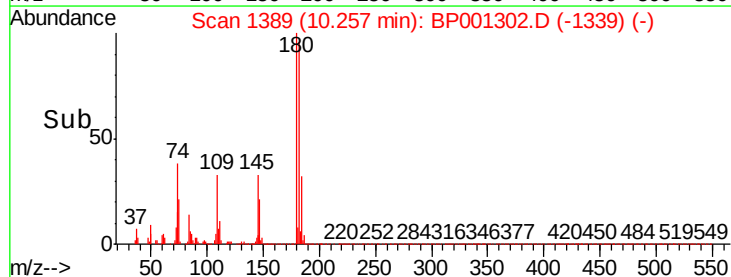
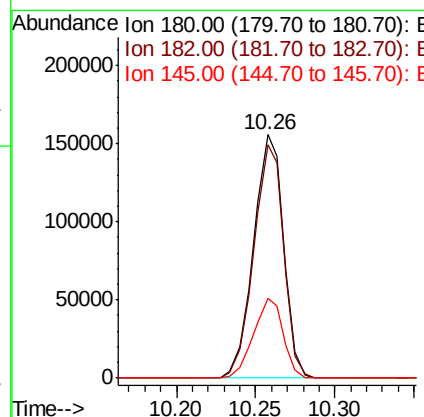
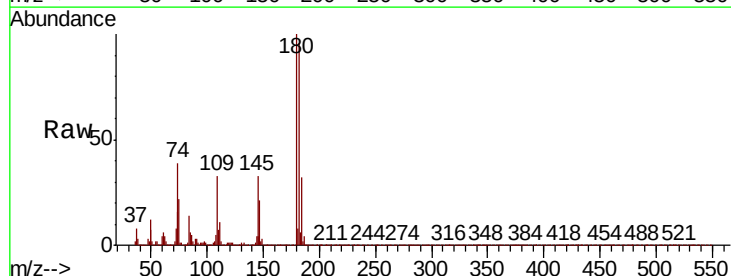
Instrument :
 BNA_P
 ClientSampleId :

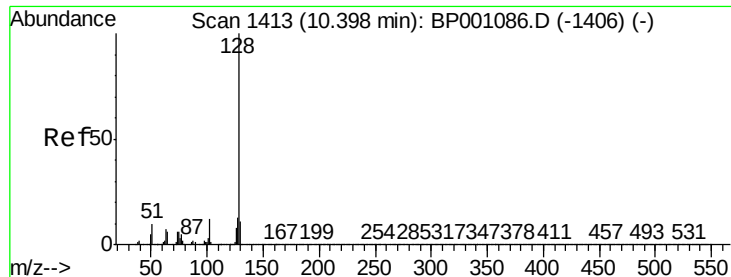
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.7	84.7
98	42.9	22.9	62.9



#30
 1,2,4-Trichlorobenzene
 Concen: 50.011 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BP001302.D
 Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.4	113.0
145	33.0	25.1	37.7

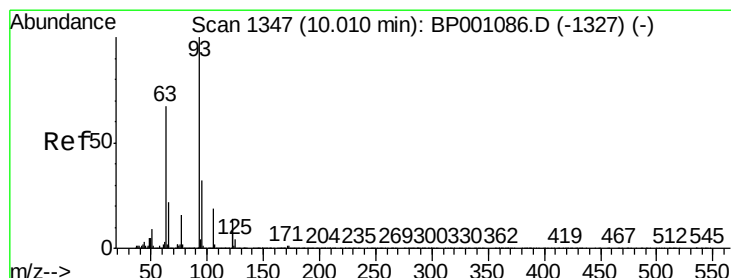
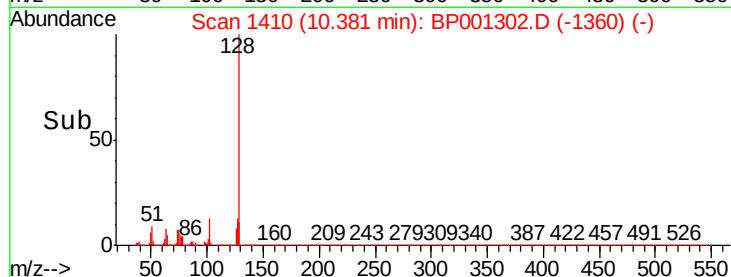
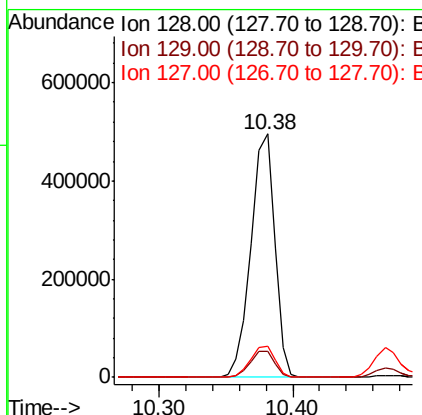
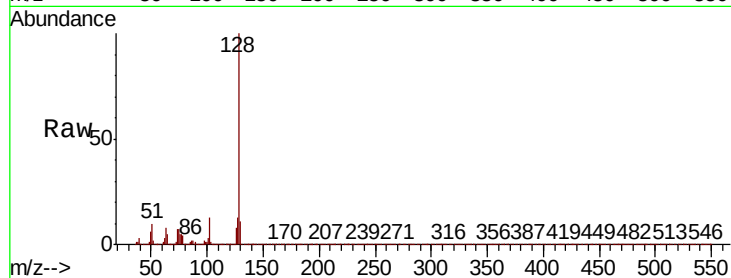




#31
Naphthalene
Concen: 51.582 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

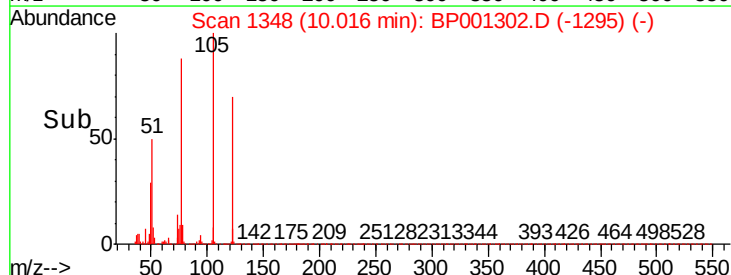
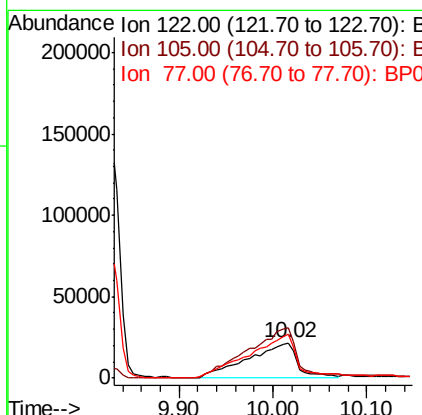
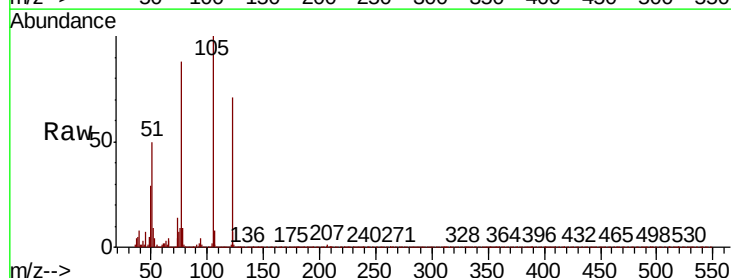
Instrument :
BNA_P
ClientSampleId :

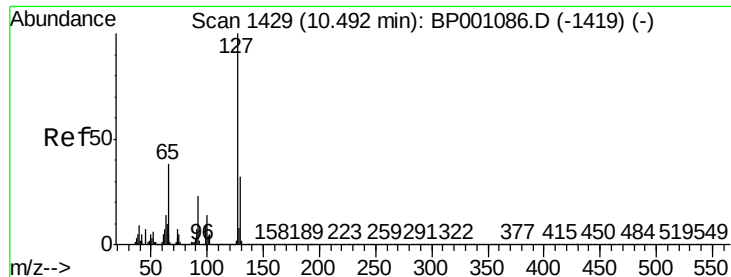
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.3	12.5
127	13.0	10.6	16.0



#32
Benzoic acid
Concen: 34.390 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	141.8	122.3	162.3
77	125.2	100.4	140.4

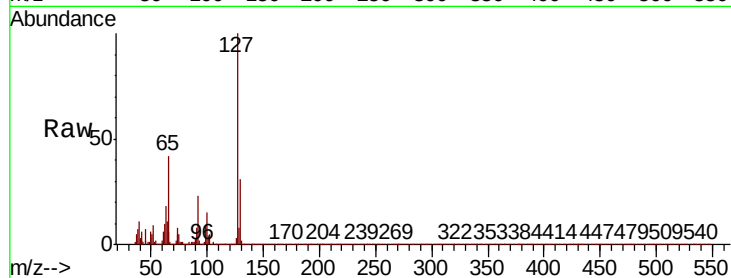




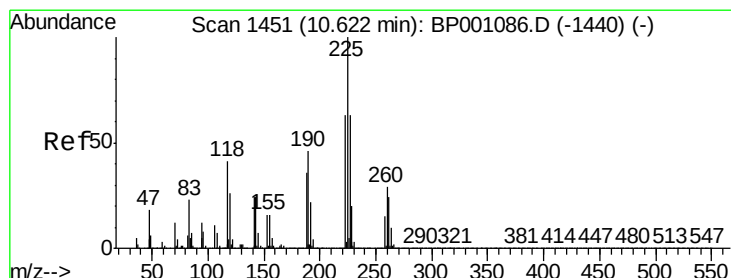
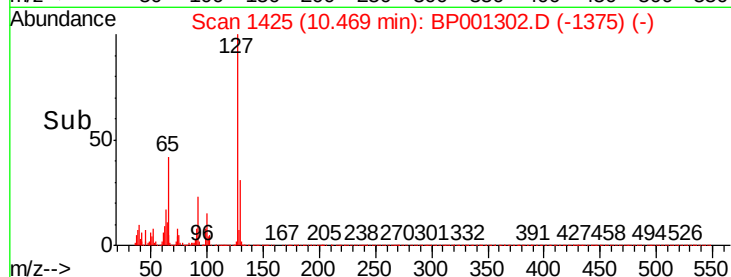
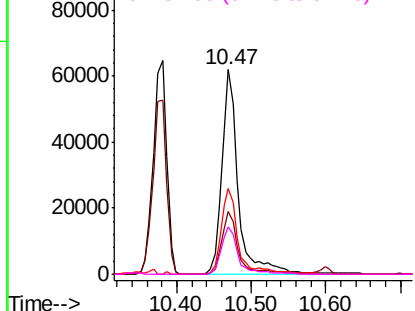
#33
4-Chloroaniline
Concen: 18.208 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	127	Resp:	93262
Ion	Ratio	Lower	Upper
127	100		
129	30.7	25.6	38.4
65	42.1	33.6	50.4
92	23.2	19.8	29.6

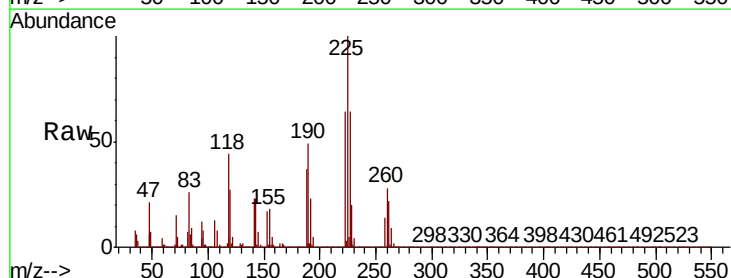


Abundance Ion 127.00 (126.70 to 127.70): E
100000 Ion 129.00 (128.70 to 129.70): E
80000 Ion 65.00 (64.70 to 65.70): BP0
60000 Ion 92.00 (91.70 to 92.70): BP0
40000
20000
0

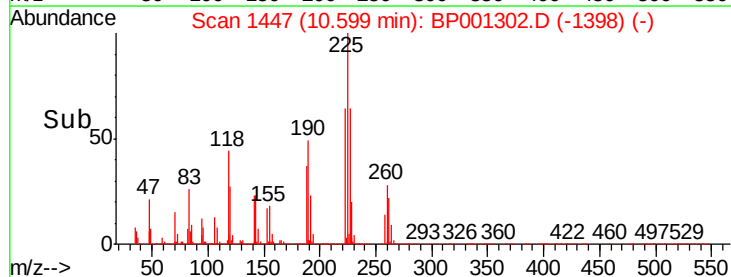
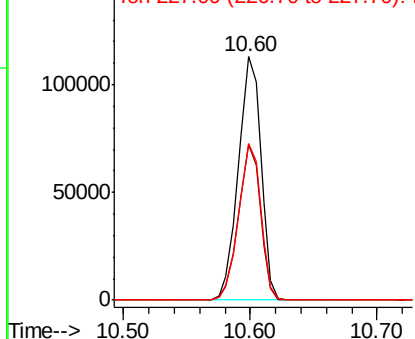


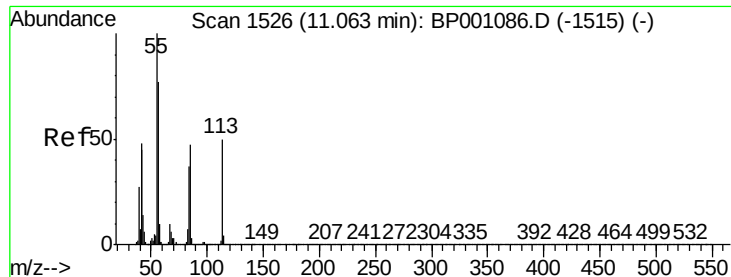
#34
Hexachlorobutadiene
Concen: 54.084 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

Tgt Ion:	225	Resp:	138992
Ion	Ratio	Lower	Upper
225	100		
223	63.8	47.8	71.6
227	64.2	50.0	75.0



Abundance Ion 225.00 (224.70 to 225.70): E
150000 Ion 223.00 (222.70 to 223.70): E
100000 Ion 227.00 (226.70 to 227.70): E
50000
0

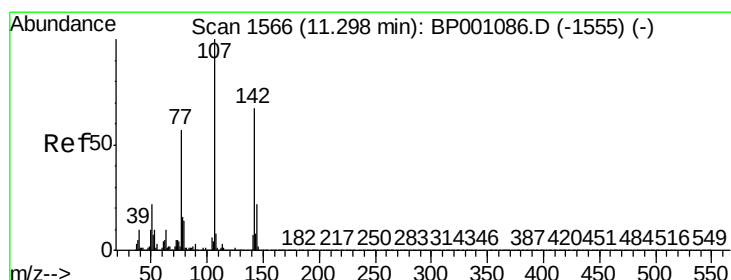
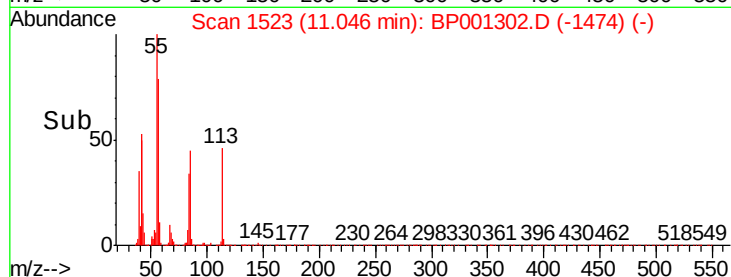
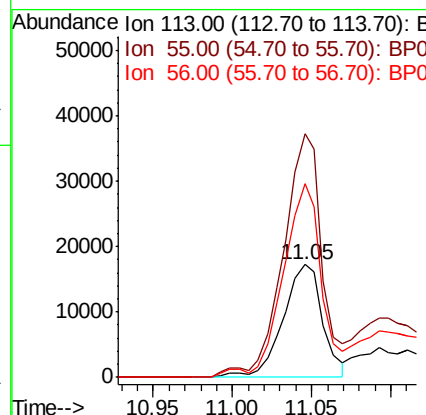
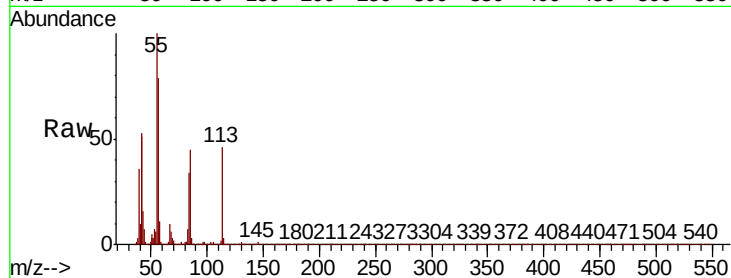




#35
Caprolactam
Concen: 24.781 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

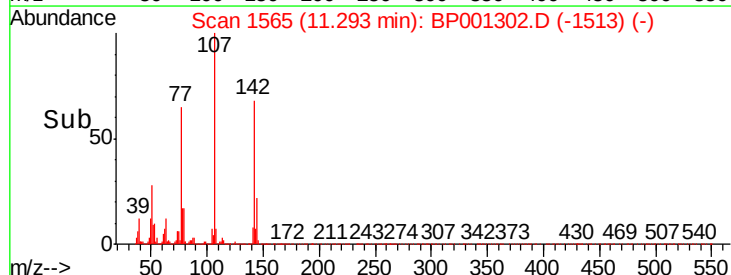
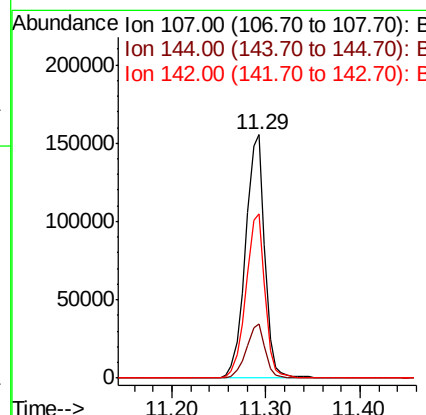
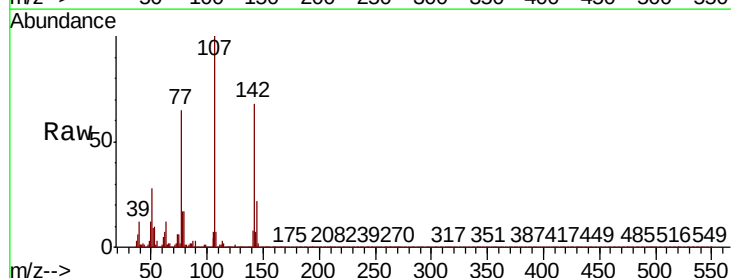
Instrument :
BNA_P
ClientSampleId :

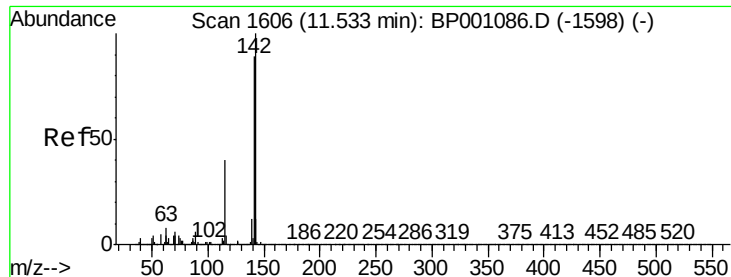
Tot Ion:113 Resp: 29873
Ion Ratio Lower Upper
113 100
55 216.3 185.4 225.4
56 171.8 136.9 176.9



#36
4-Chloro-3-methylphenol
Concen: 53.185 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

Tgt Ion:107 Resp: 220558
Ion Ratio Lower Upper
107 100
144 22.4 16.8 25.2
142 67.7 51.8 77.6

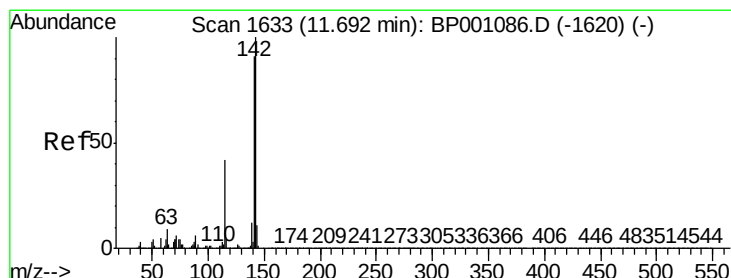
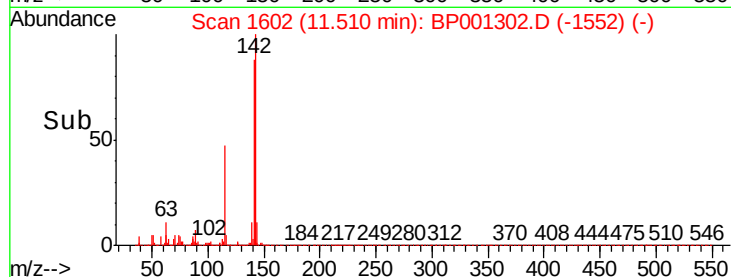
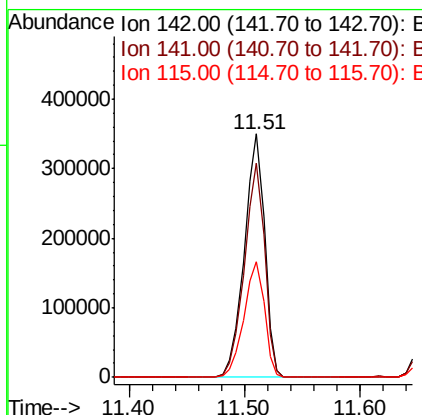
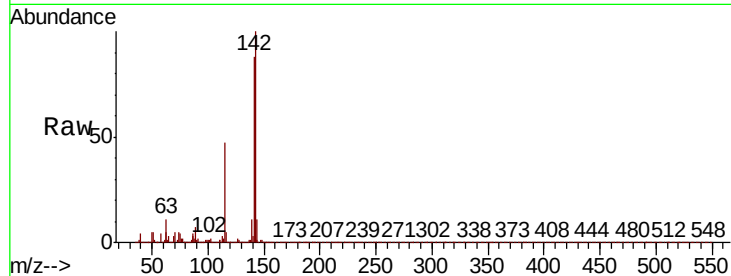




#37
2-Methylnaphthalene
Concen: 53.040 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

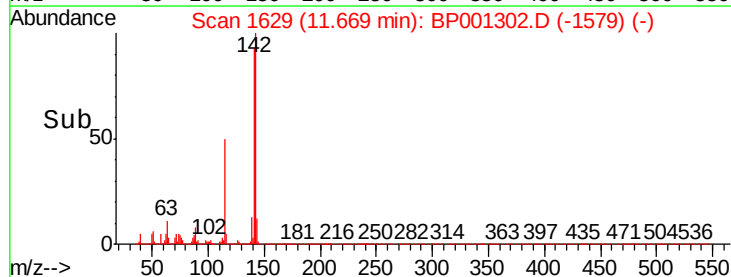
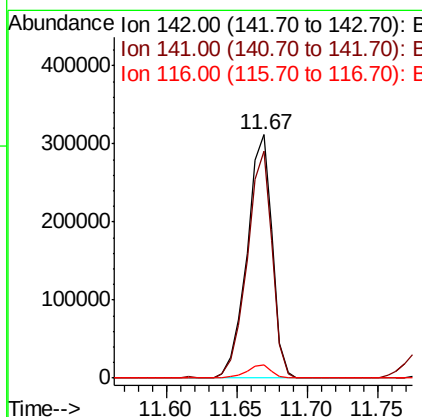
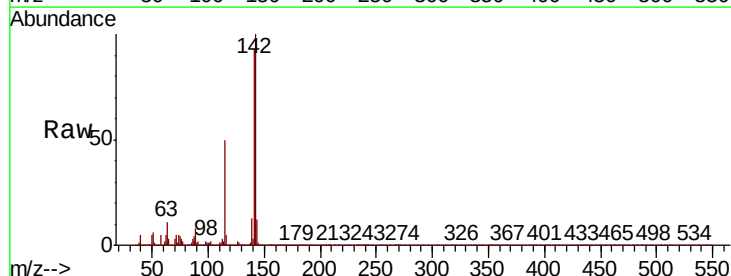
Instrument :
BNA_P
ClientSampleId :

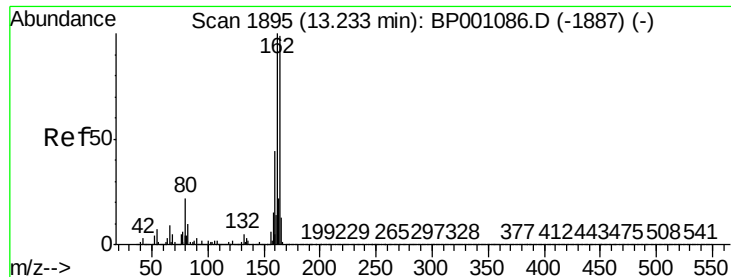
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.6	107.4
115	47.5	36.0	54.0



#38
1-Methylnaphthalene
Concen: 51.174 ng
RT: 11.67 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	72.7	109.1
116	5.4	3.8	5.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.20 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BP001302.D

Acq: 10 Dec 2019 19:24

Instrument :

BNA_P

ClientSampleId :

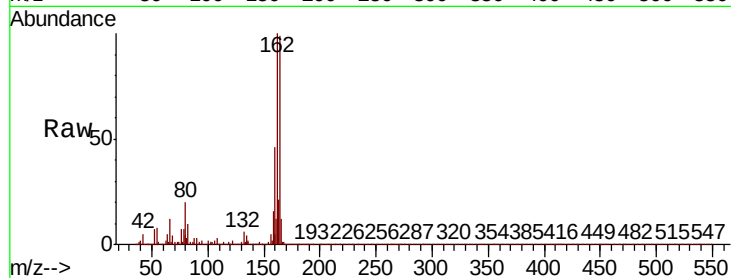
Tot Ion:164 Resp: 135082

Ion Ratio Lower Upper

164 100

162 100.7 80.7 121.1

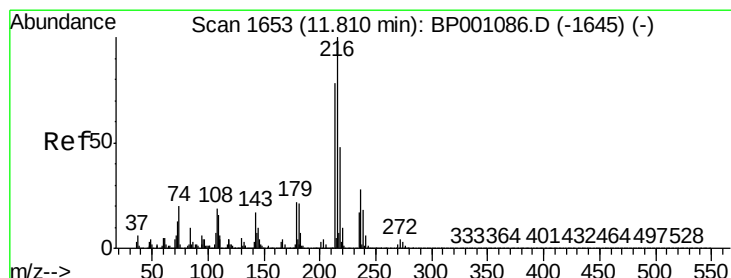
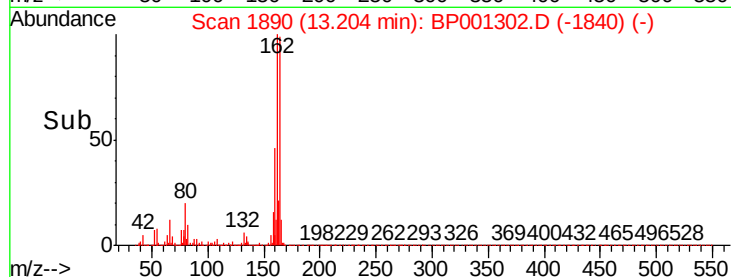
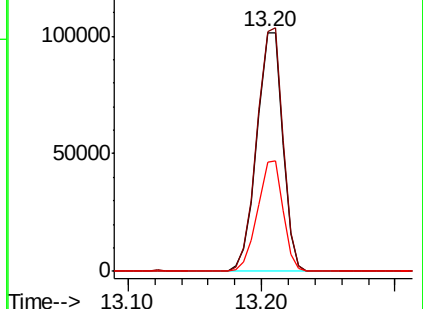
160 45.9 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 54.126 ng

RT: 11.79 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BP001302.D

Acq: 10 Dec 2019 19:24

Tgt Ion:216 Resp: 230414

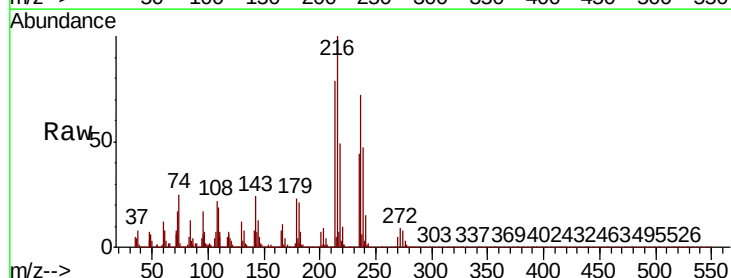
Ion Ratio Lower Upper

216 100

214 78.2 62.2 93.2

179 22.7 17.8 26.6

108 26.0 17.6 26.4

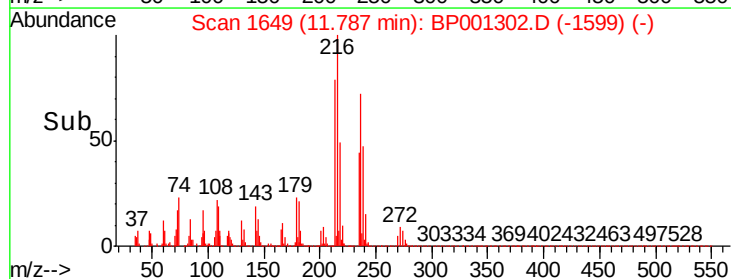
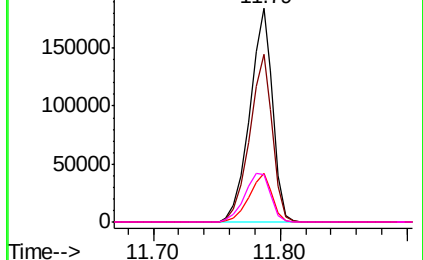


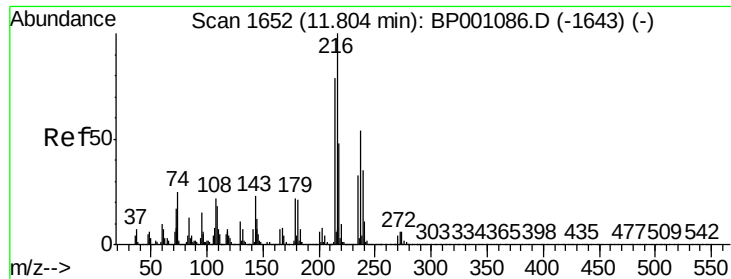
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

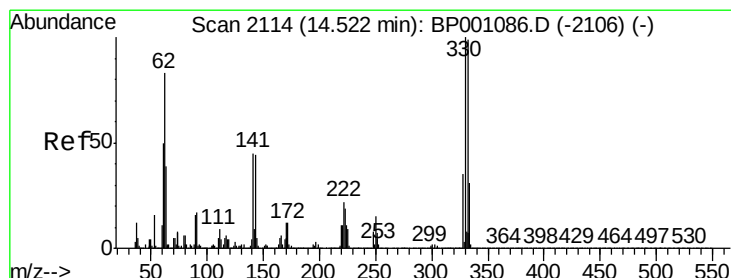
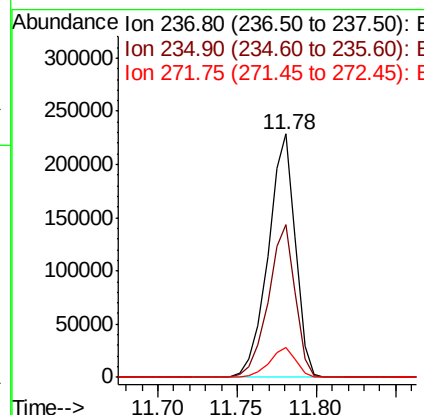
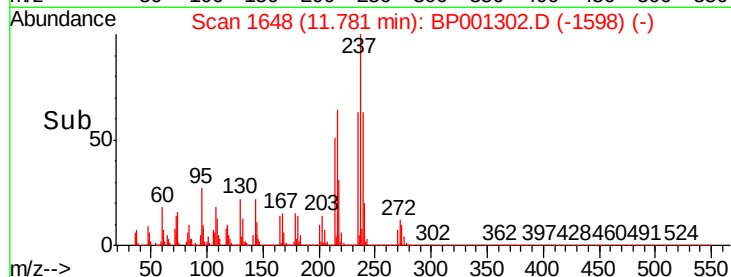
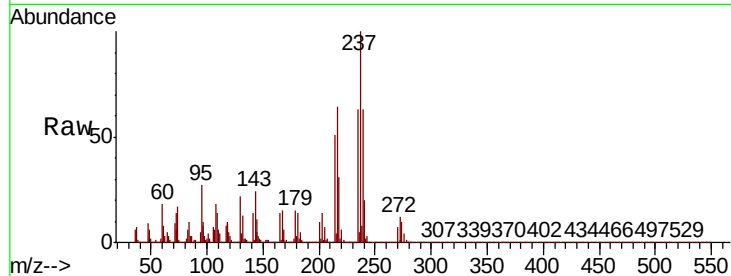




#41
Hexachlorocyclopentadiene
Concen: 138.917 ng
RT: 11.78 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

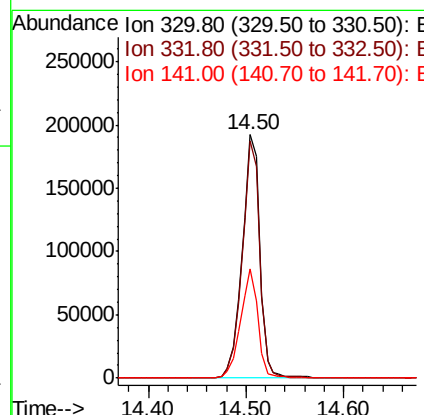
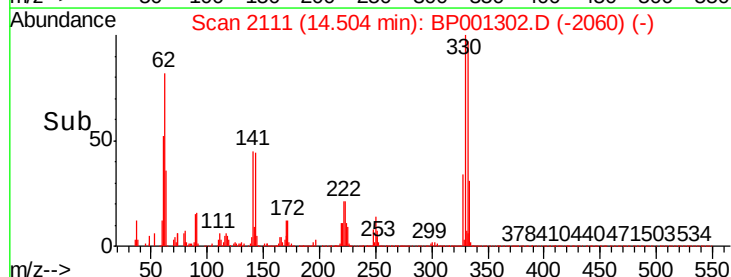
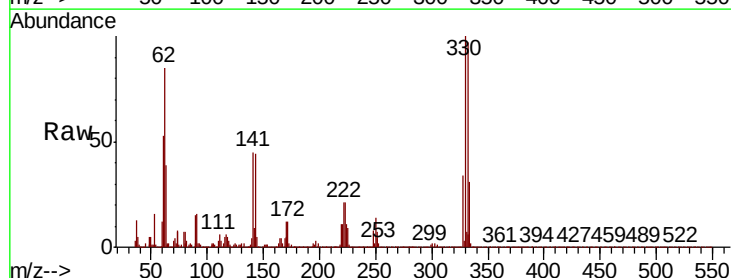
Instrument :
BNA_P
ClientSampleId :

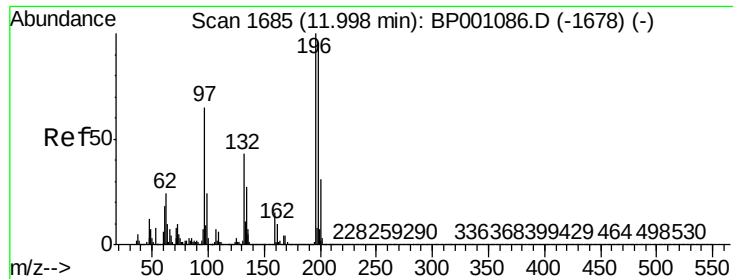
Tot Ion	Ratio	Lower	Upper
237	100		
235	62.9	41.9	81.9
272	12.1	0.0	32.4



#42
2,4,6-Tribromophenol
Concen: 187.092 ng
RT: 14.50 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	79.1	118.7
141	44.1	35.9	53.9

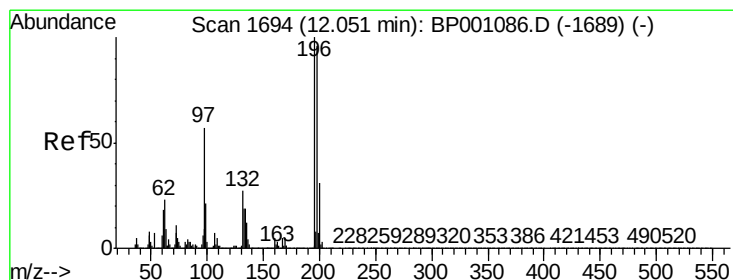
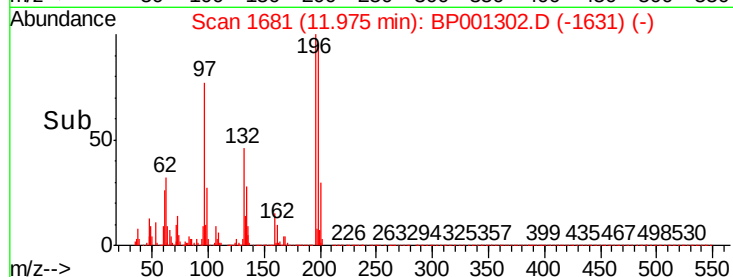
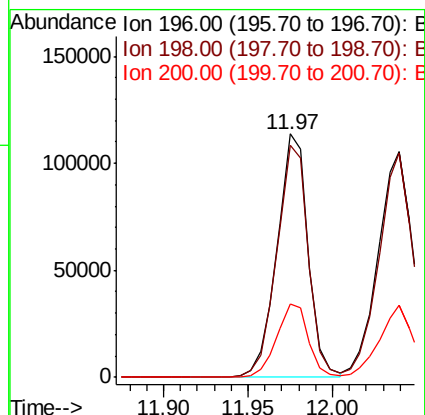
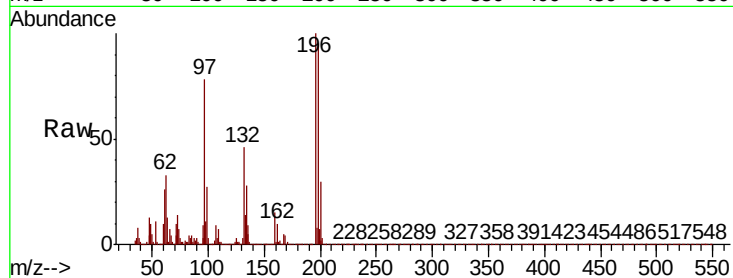




#43
2,4,6-Trichlorophenol
Concen: 52.230 ng
RT: 11.97 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

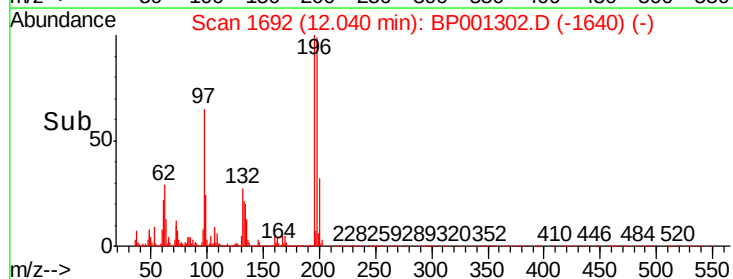
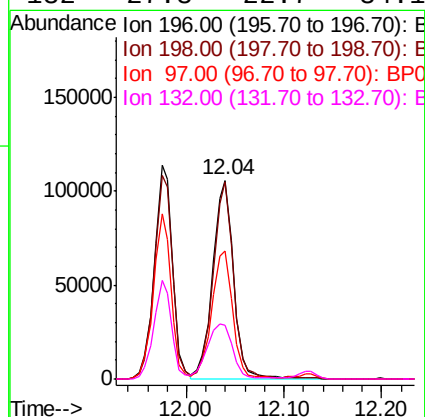
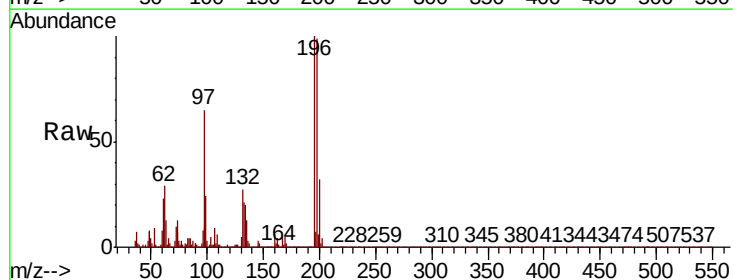
Instrument :
BNA_P
ClientSampleId :

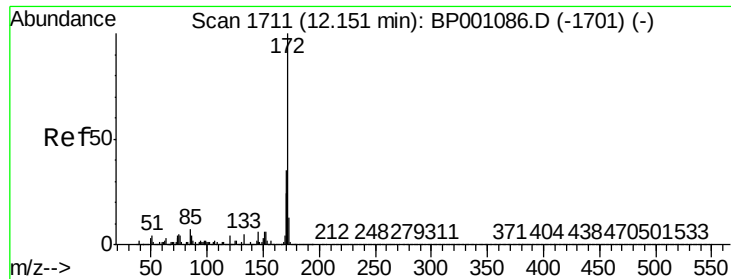
Tot Ion:196 Resp: 145176
Ion Ratio Lower Upper
196 100
198 95.3 77.4 116.0
200 30.4 25.6 38.4



#44
2,4,5-Trichlorophenol
Concen: 54.446 ng
RT: 12.04 min Scan# 1692
Delta R.T. 0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

Tgt Ion:196 Resp: 156801
Ion Ratio Lower Upper
196 100
198 99.4 75.7 113.5
97 64.8 51.3 76.9
132 27.3 22.7 34.1

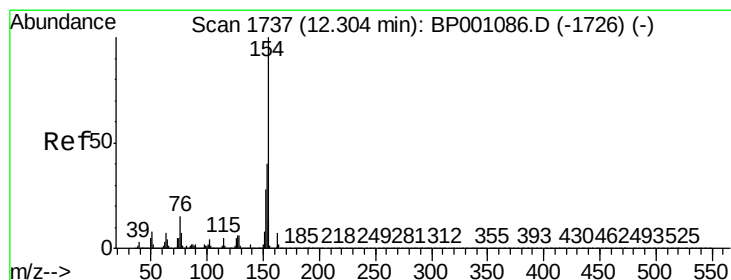
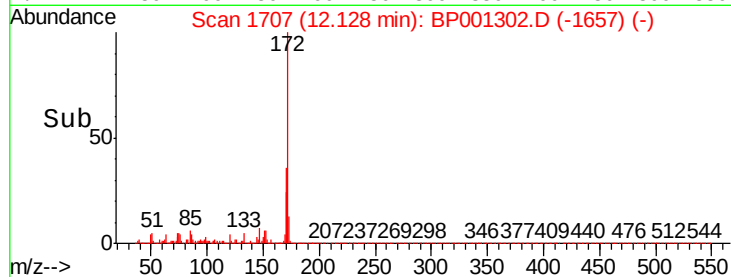
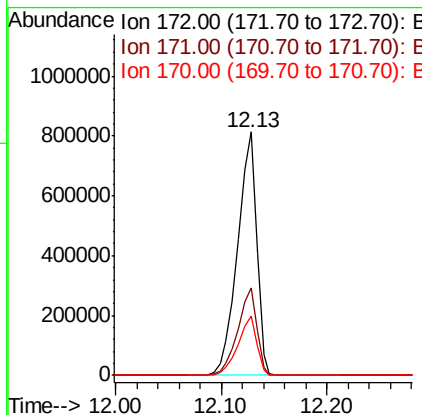
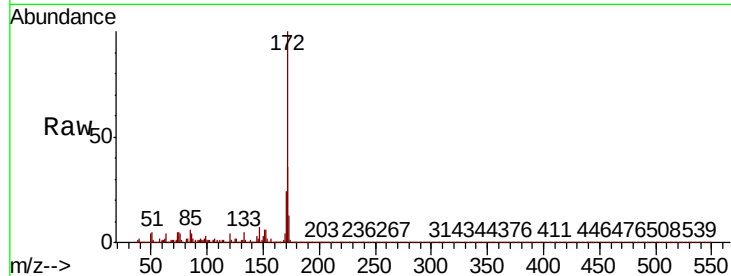




#45
2-Fluorobiphenyl
Concen: 108.998 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

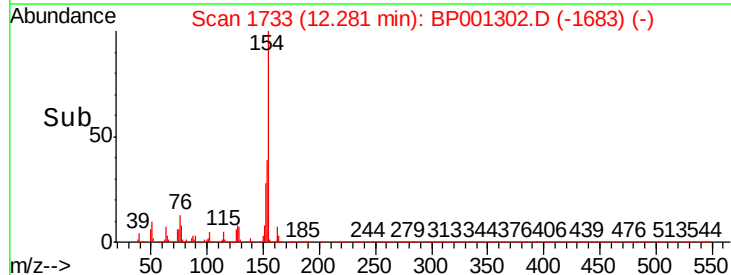
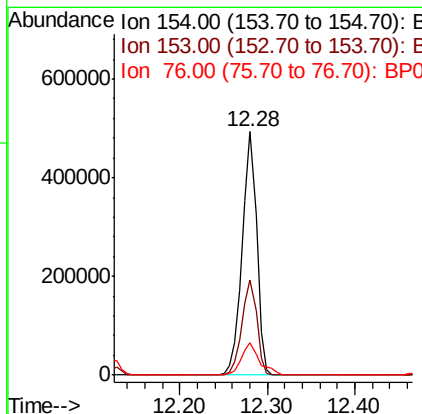
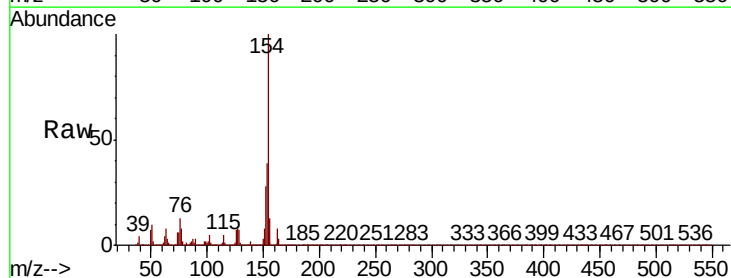
Instrument :
BNA_P
ClientSampleId :

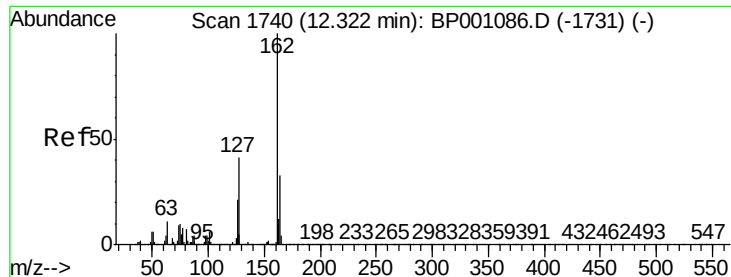
Tot Ion:172 Resp: 1006005
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 24.1 19.2 28.8



#46
1,1'-Biphenyl
Concen: 51.792 ng
RT: 12.28 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

Tgt Ion:154 Resp: 540694
Ion Ratio Lower Upper
154 100
153 39.3 19.3 59.3
76 13.3 0.0 34.2

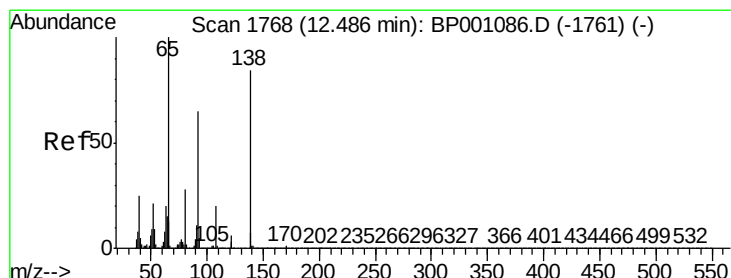
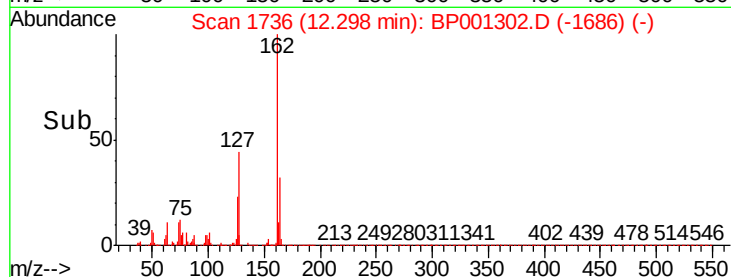
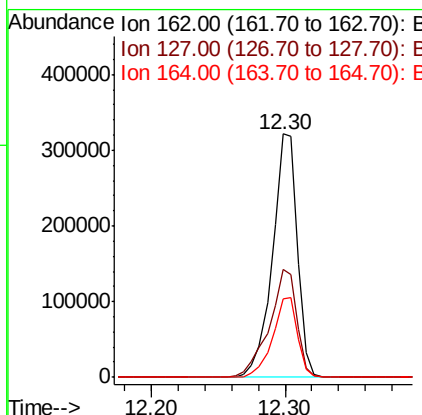
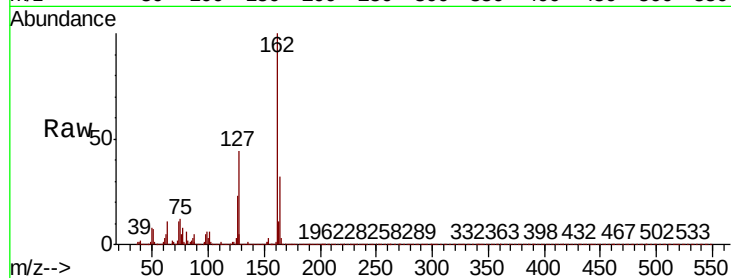




#47
2-Chloronaphthalene
Concen: 50.296 ng
RT: 12.30 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

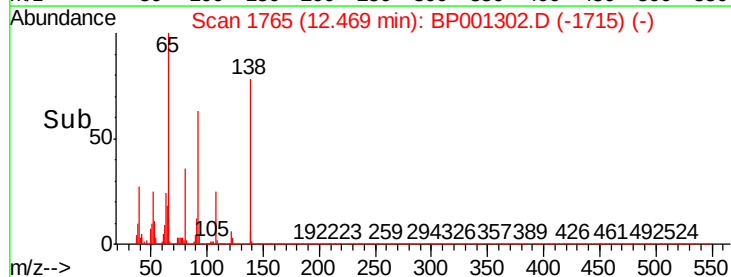
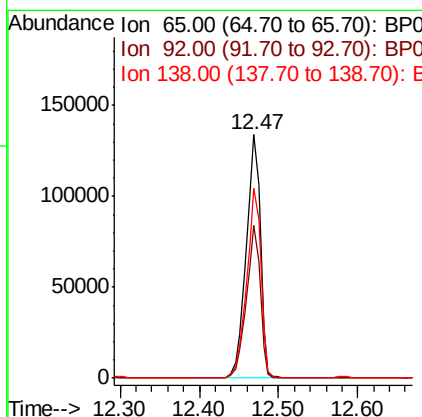
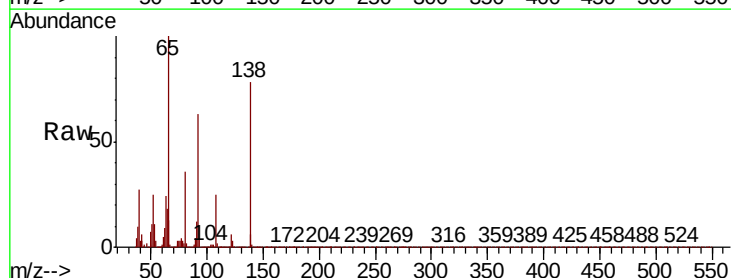
Instrument :
BNA_P
ClientSampleId :

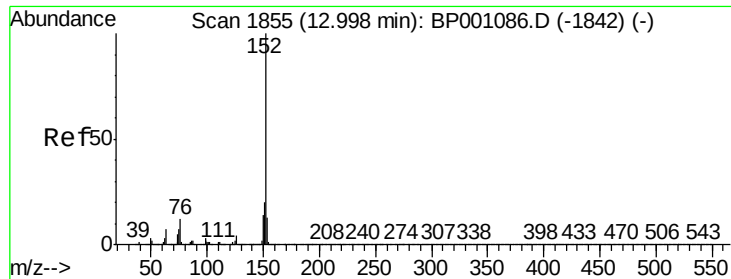
Tot Ion	Ratio	Lower	Upper
162	100		
127	44.2	34.4	51.6
164	32.4	26.2	39.4



#48
2-Nitroaniline
Concen: 51.105 ng
RT: 12.47 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.8	49.4	74.2
138	77.9	64.8	97.2





#49

Acenaphthylene

Concen: 52.375 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BP001302.D

Acq: 10 Dec 2019 19:24

Instrument :

BNA_P

ClientSampleId :

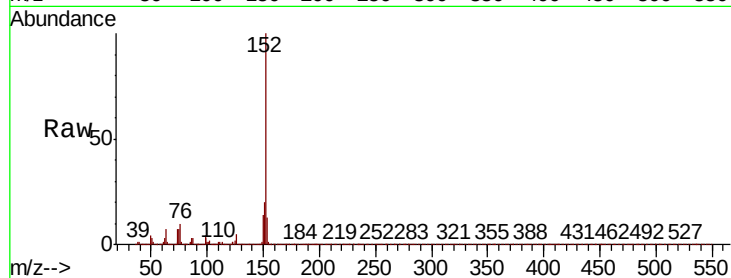
Tot Ion:152 Resp: 654668

Ion Ratio Lower Upper

152 100

151 19.9 16.0 24.0

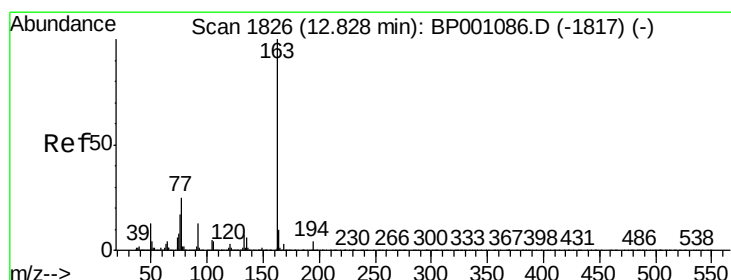
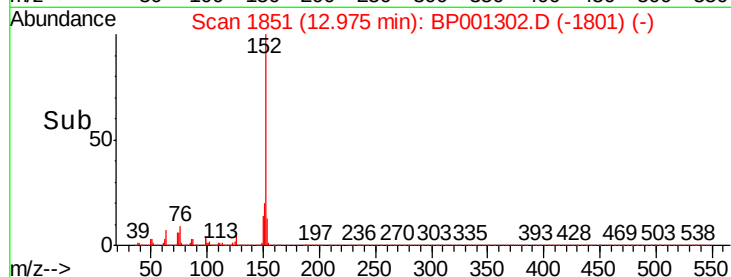
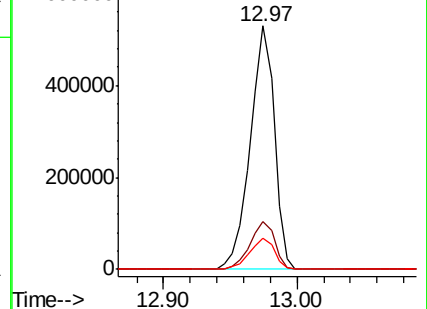
153 12.7 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 51.097 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BP001302.D

Acq: 10 Dec 2019 19:24

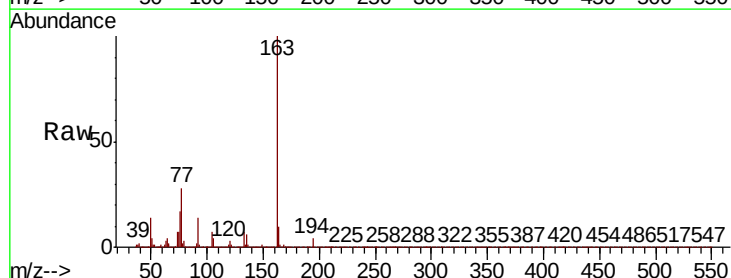
Tgt Ion:163 Resp: 516227

Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

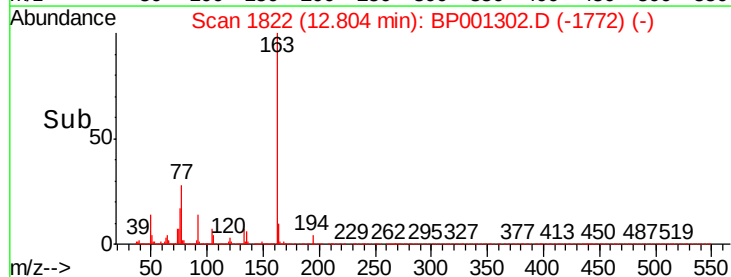
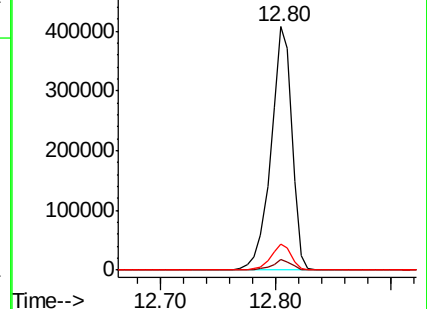
164 10.4 8.2 12.4

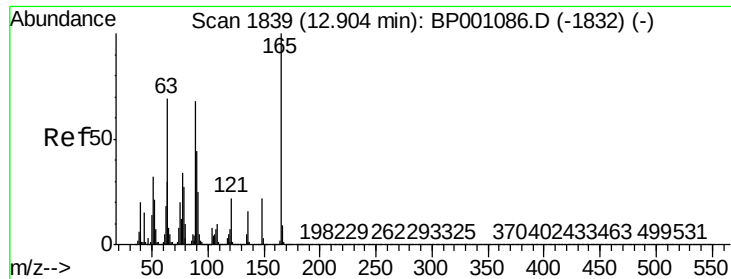


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

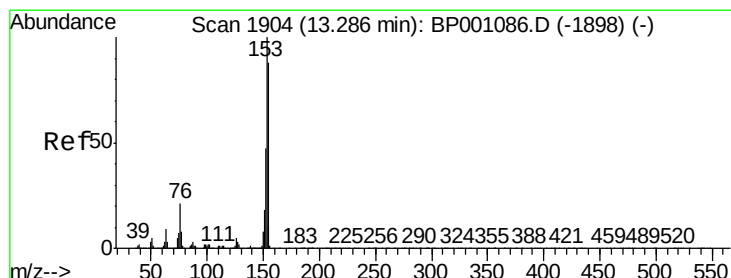
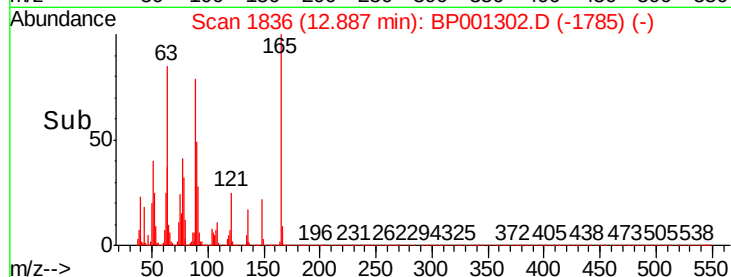
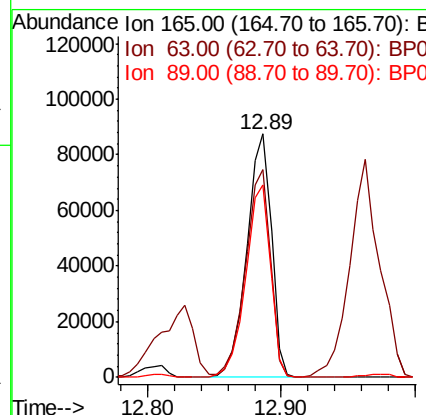
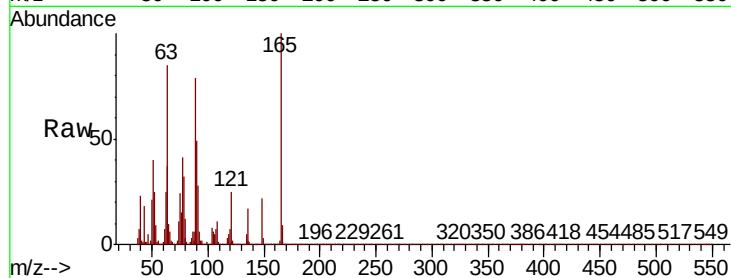




#51
 2,6-Dinitrotoluene
 Concen: 51.194 ng
 RT: 12.89 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: BP001302.D
 Acq: 10 Dec 2019 19:24

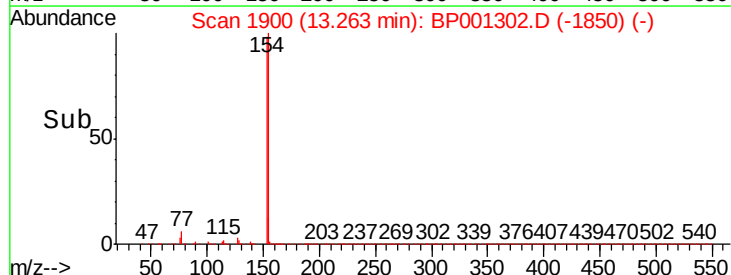
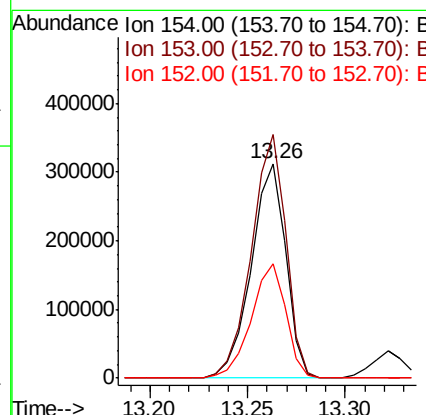
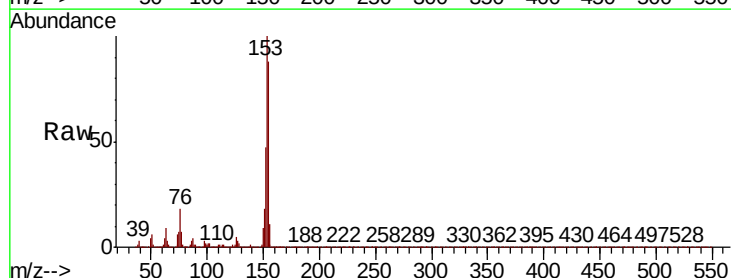
Instrument :
 BNA_P
 ClientSampled :

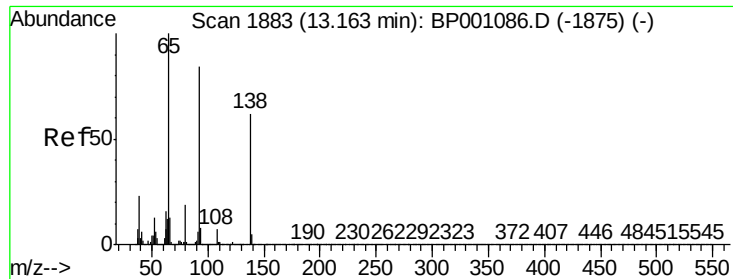
Tot Ion	Ratio	Lower	Upper
165	100		
63	85.1	64.1	96.1
89	79.1	61.8	92.6



#52
 Acenaphthene
 Concen: 51.106 ng
 RT: 13.26 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BP001302.D
 Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.5	90.3	135.5
152	53.2	42.9	64.3

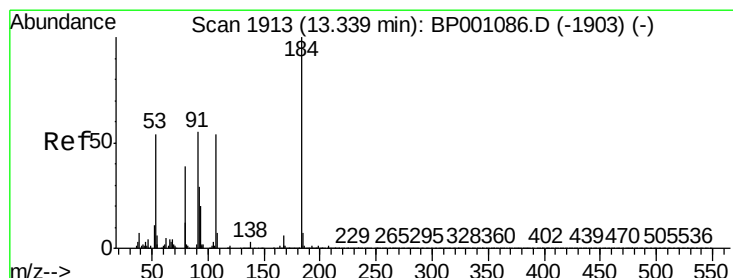
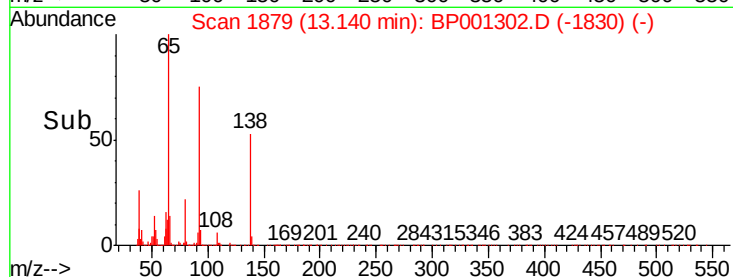
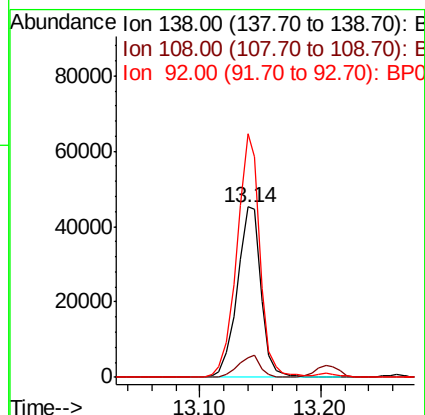
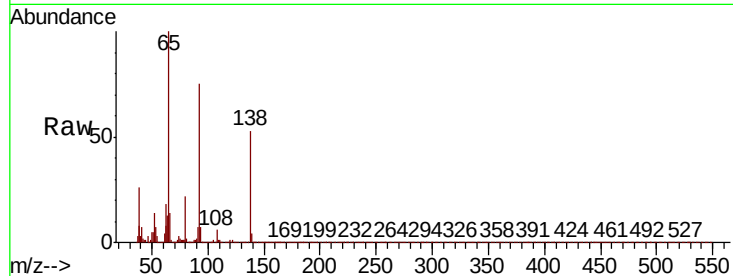




#53
3-Nitroaniline
Concen: 25.580 ng
RT: 13.14 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

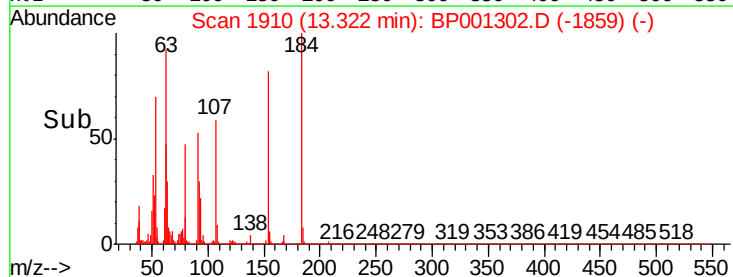
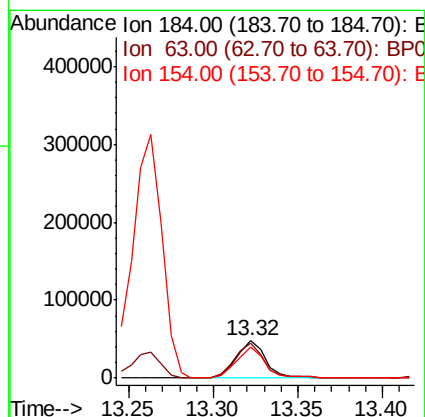
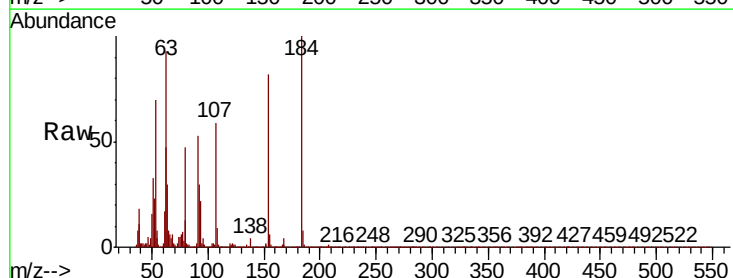
Instrument :
BNA_P
ClientSampleId :

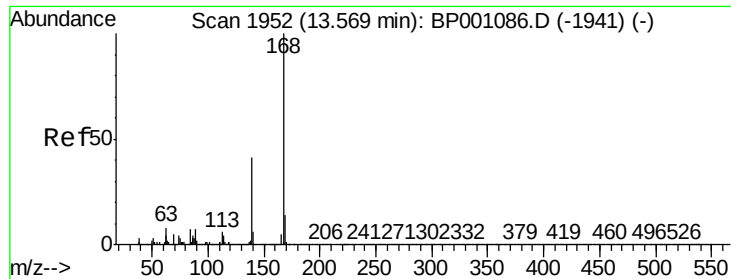
Tot Ion:138 Resp: 62143
Ion Ratio Lower Upper
138 100
108 11.8 10.1 15.1
92 142.7 113.1 169.7



#54
2,4-Dinitrophenol
Concen: 66.433 ng
RT: 13.32 min Scan# 1910
Delta R.T. 0.00 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

Tgt Ion:184 Resp: 57516
Ion Ratio Lower Upper
184 100
63 92.7 69.4 104.0
154 82.3 57.4 86.2

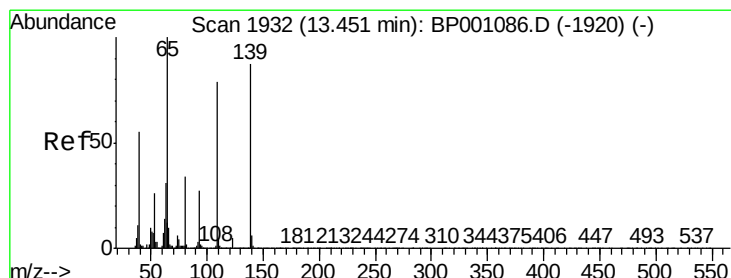
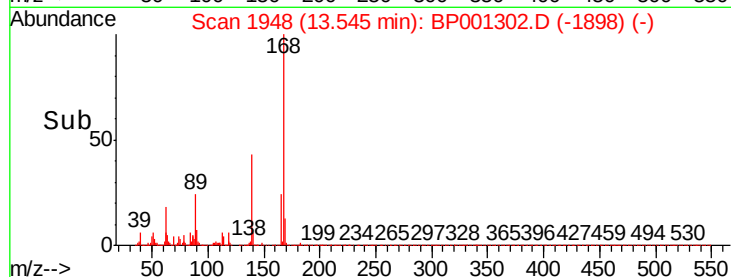
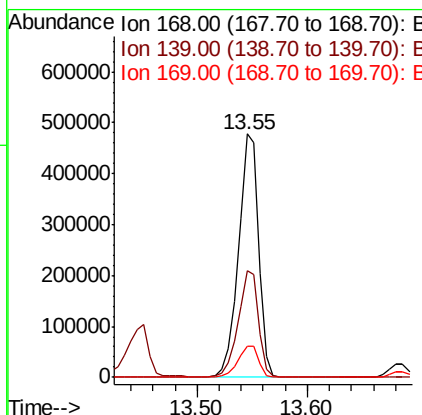
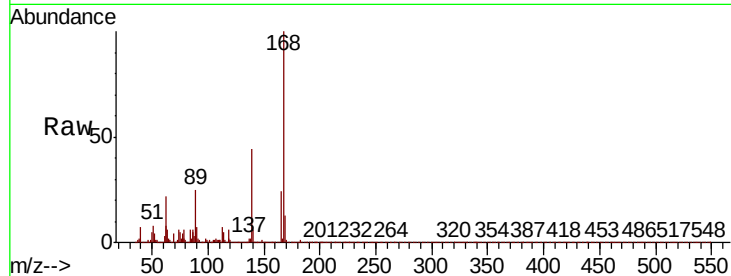




#55
Dibenzofuran
Concen: 53.984 ng
RT: 13.55 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

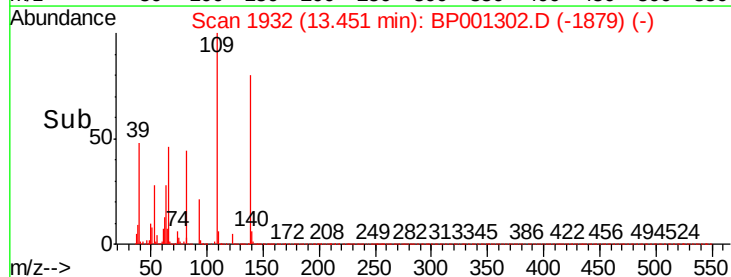
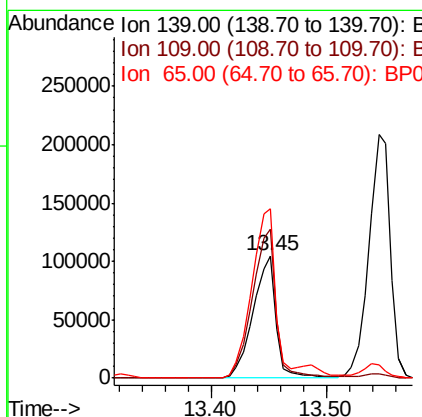
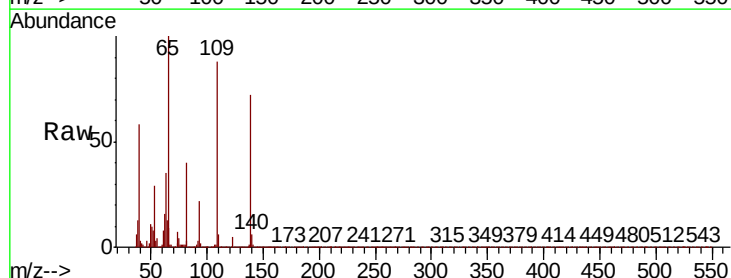
Instrument :
BNA_P
ClientSampleId :

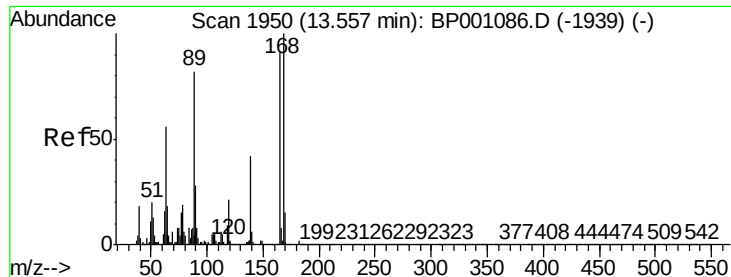
Tot Ion	Ratio	Lower	Upper
168	100		
139	43.6	34.5	51.7
169	12.8	10.8	16.2



#56
4-Nitrophenol
Concen: 85.156 ng
RT: 13.45 min Scan# 1932
Delta R.T. 0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
139	100		
109	121.9	87.8	127.8
65	138.2	111.9	151.9

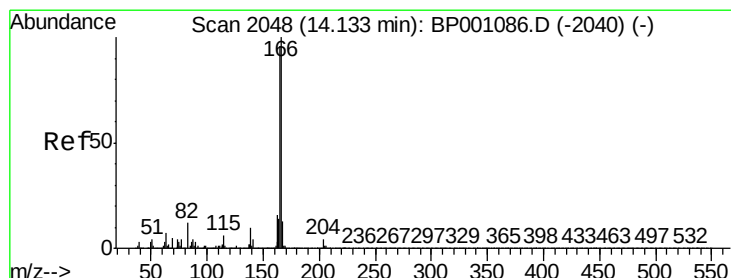
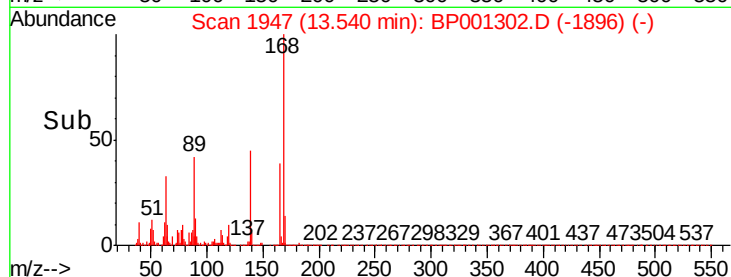
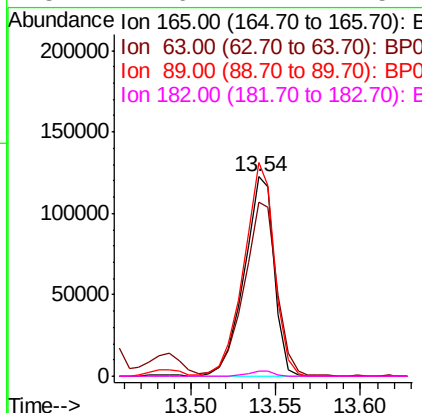
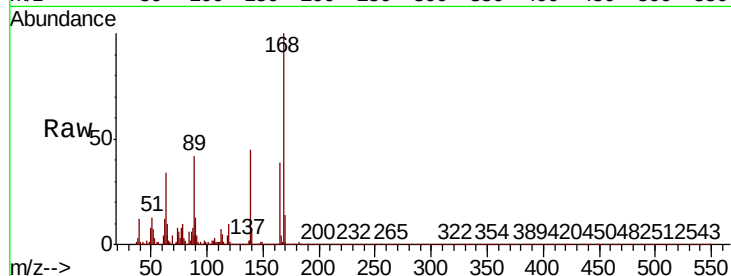




#57
2,4-Dinitrotoluene
Concen: 55.653 ng
RT: 13.54 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

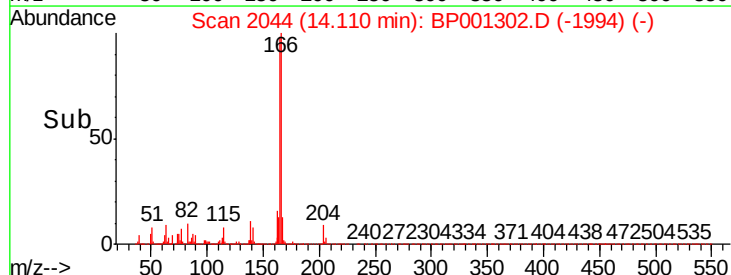
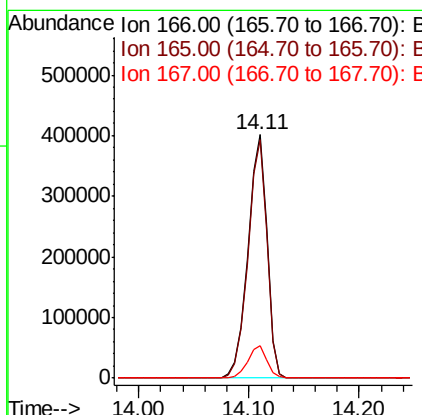
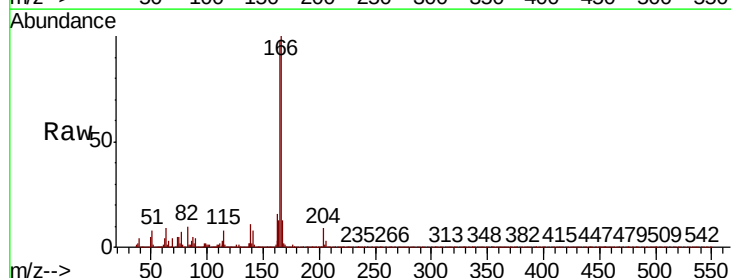
Instrument :
BNA_P
ClientSampleId :

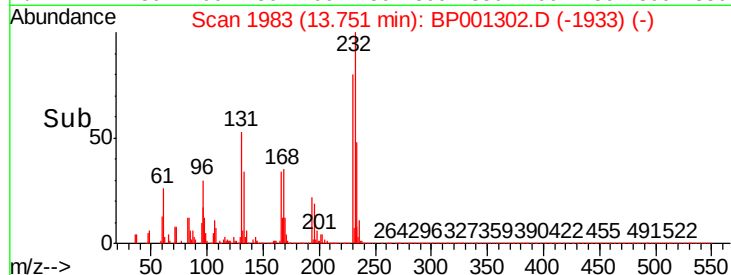
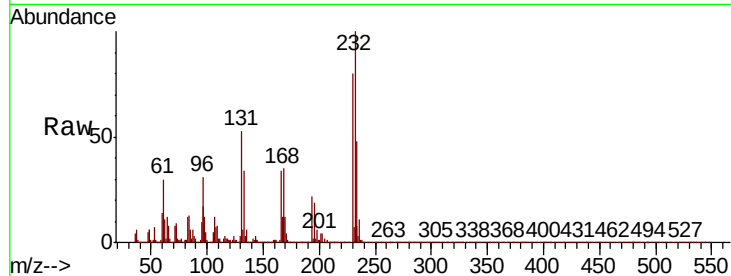
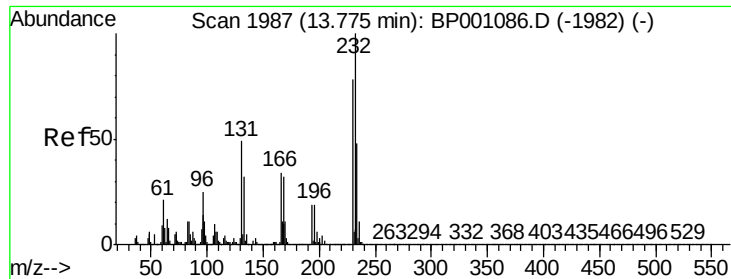
Tot Ion:165 Resp: 150865
Ion Ratio Lower Upper
165 100
63 87.7 58.3 87.5#
89 107.3 79.8 119.8
182 2.6 2.2 3.2



#58
Fluorene
Concen: 53.716 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

Tgt Ion:166 Resp: 486324
Ion Ratio Lower Upper
166 100
165 97.7 77.8 116.8
167 13.1 10.5 15.7

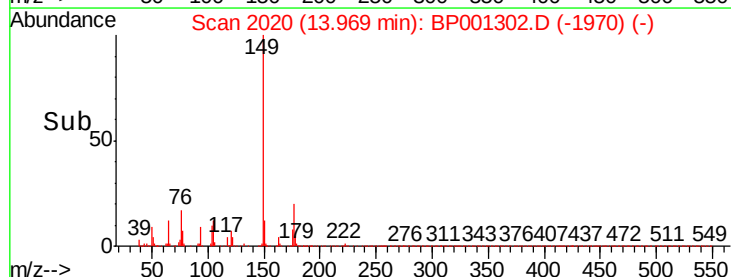
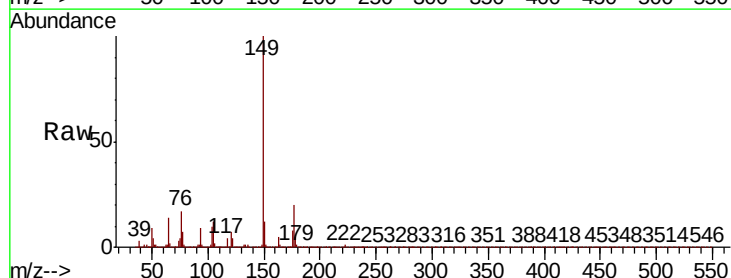
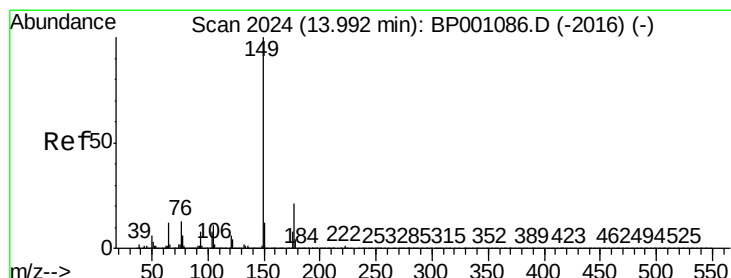
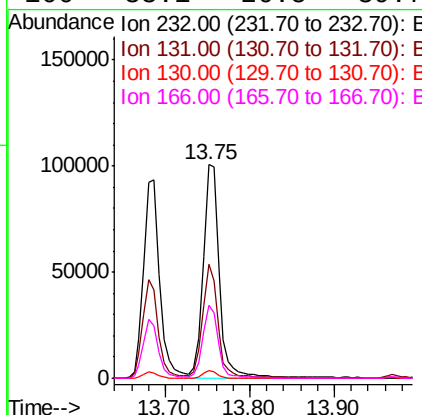




#59
2,3,4,6-Tetrachlorophenol
Concen: 56.015 ng
RT: 13.75 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

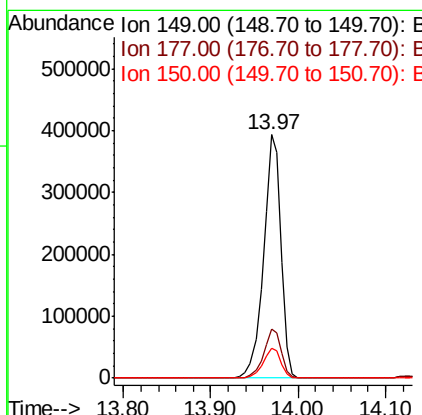
Instrument :
BNA_P
ClientSampleId :

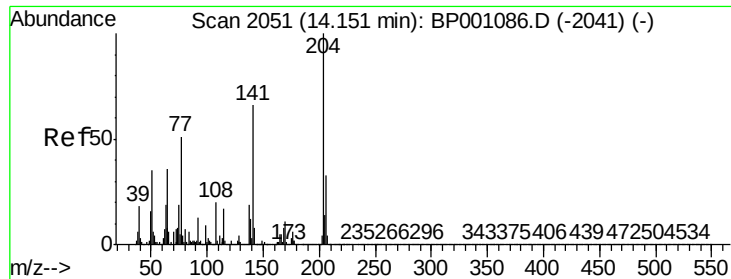
Tot Ion:	232	Resp:	132608
Ion	Ratio	Lower	Upper
232	100		
131	51.5	41.4	62.0
130	3.3	2.2	3.4
166	33.1	26.5	39.7



#60
Diethylphthalate
Concen: 51.111 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

Tgt Ion:	149	Resp:	534668
Ion	Ratio	Lower	Upper
149	100		
177	20.2	17.0	25.4
150	12.4	10.2	15.2

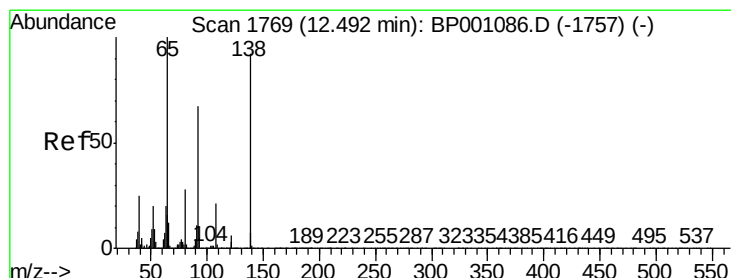
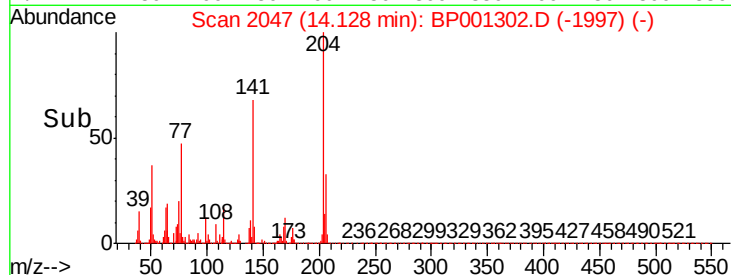
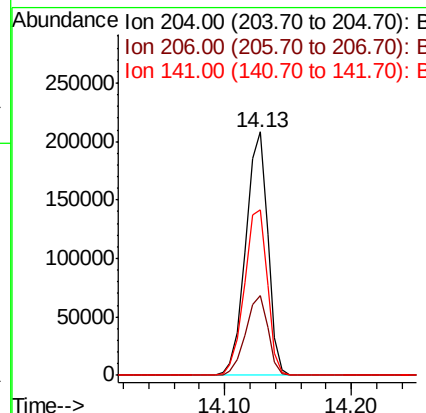
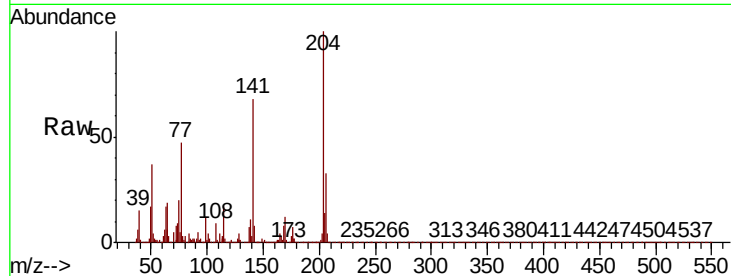




#61
4-Chlorophenyl-phenylether
Concen: 54.060 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

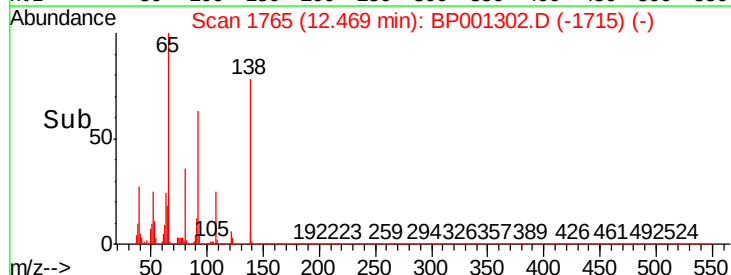
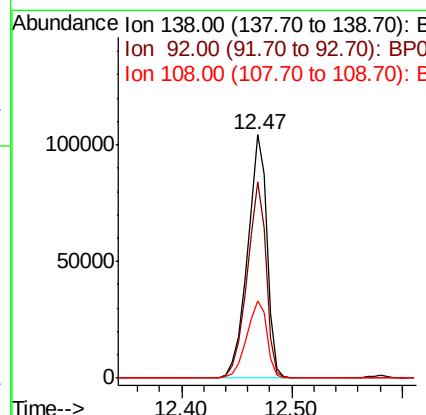
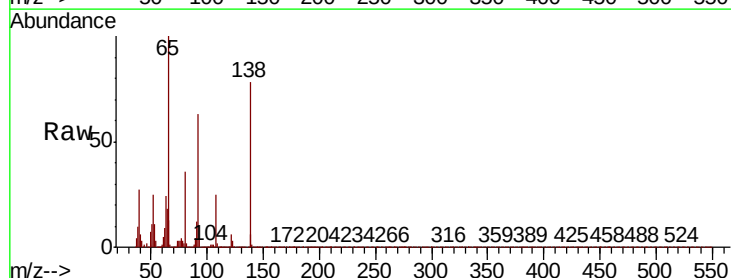
Instrument :
BNA_P
ClientSampled :

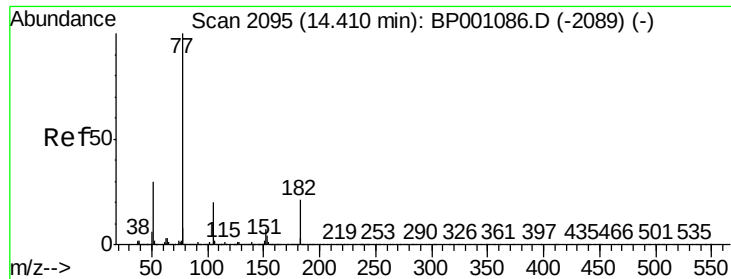
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.2	39.2
141	67.9	54.9	82.3



#62
4-Nitroaniline
Concen: 46.015 ng
RT: 12.47 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
138	100		
92	80.6	56.3	96.3
108	31.9	8.3	48.3

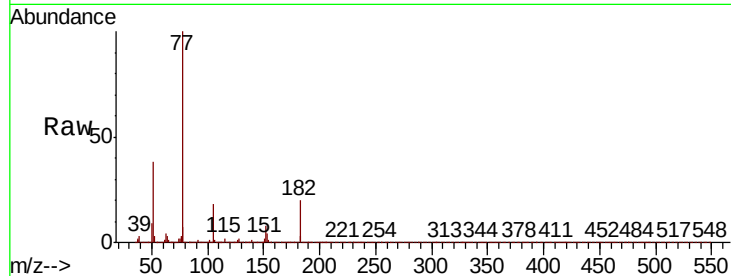




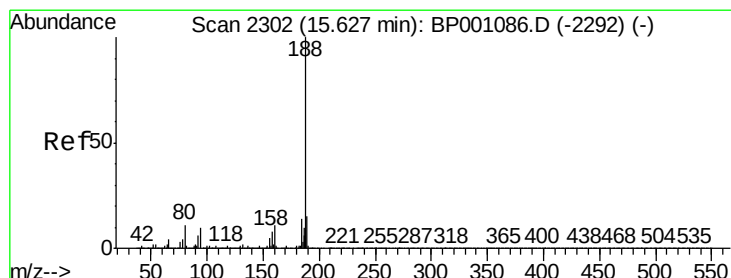
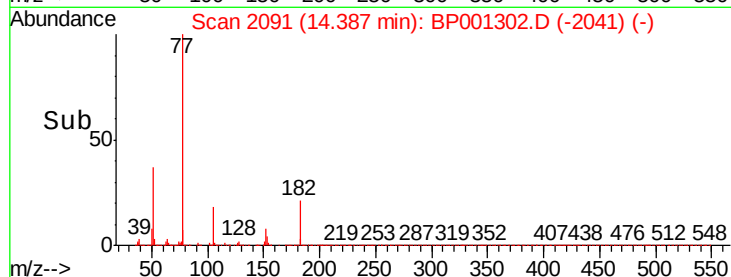
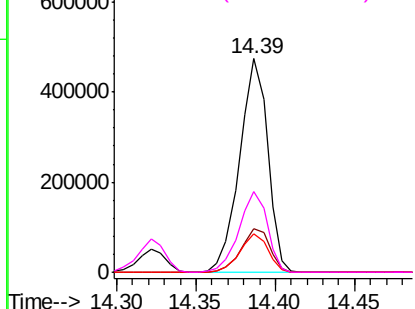
#63
Azobenzene
Concen: 51.720 ng
RT: 14.39 min Scan# 2091
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	77	Resp:	584822
Ion	Ratio	Lower	Upper
77	100		
182	20.5	1.1	41.1
105	18.2	0.0	39.5
51	37.6	13.5	53.5

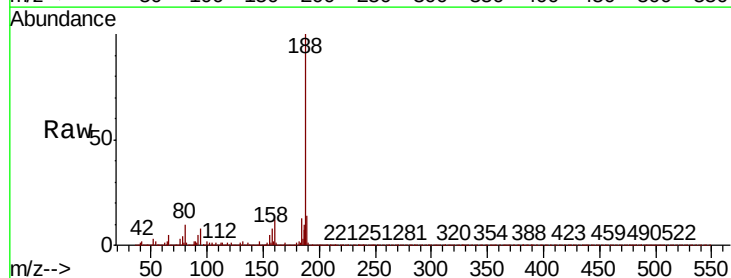


Abundance Ion 77.00 (76.70 to 77.70): BP0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BP0

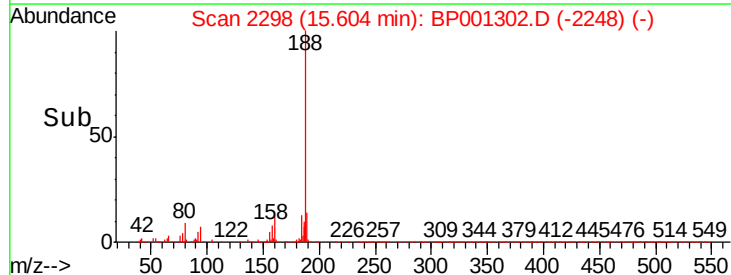
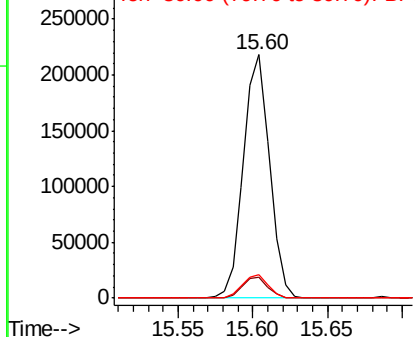


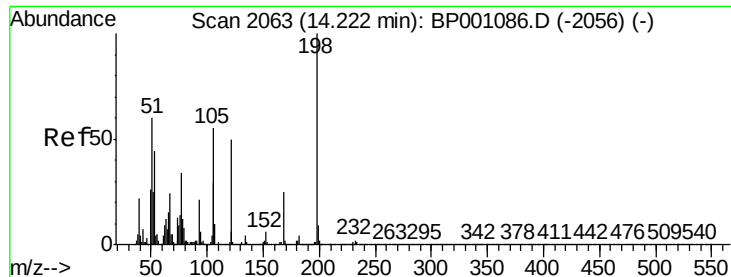
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

Tgt Ion:	188	Resp:	265099
Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.1	10.7
80	9.8	7.8	11.6



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BP0
Ion 80.00 (79.70 to 80.70): BP0





#65

4,6-Dinitro-2-methylphenol

Concen: 44.299 ng

RT: 14.21 min Scan# 2061

Delta R.T. 0.00 min

Lab File: BP001302.D

Acq: 10 Dec 2019 19:24

Instrument :

BNA_P

ClientSampleId :

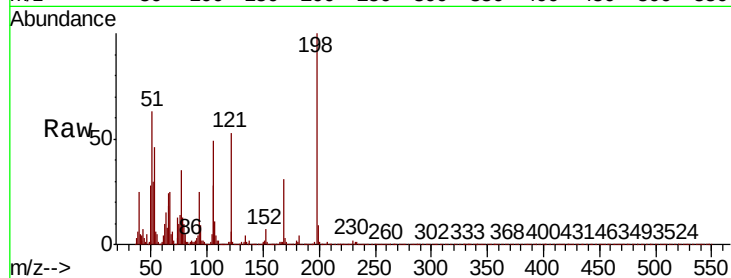
Tot Ion:198 Resp: 49734

Ion Ratio Lower Upper

198 100

51 62.9 36.2 76.2

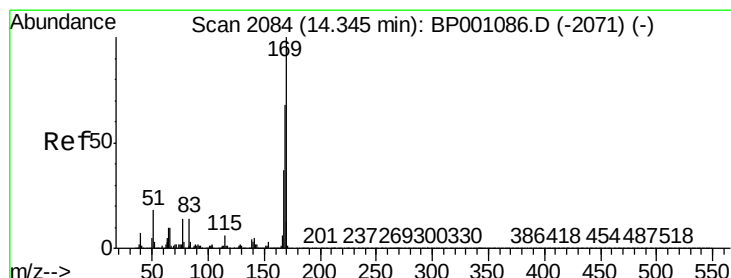
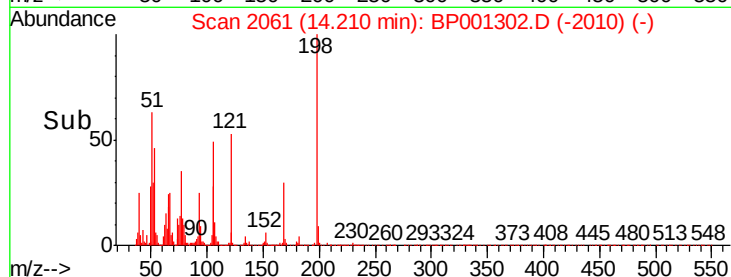
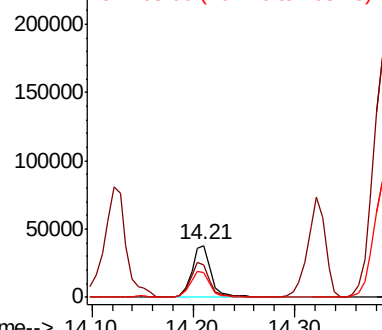
105 48.6 30.2 70.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 51.365 ng

RT: 14.32 min Scan# 2080

Delta R.T. -0.01 min

Lab File: BP001302.D

Acq: 10 Dec 2019 19:24

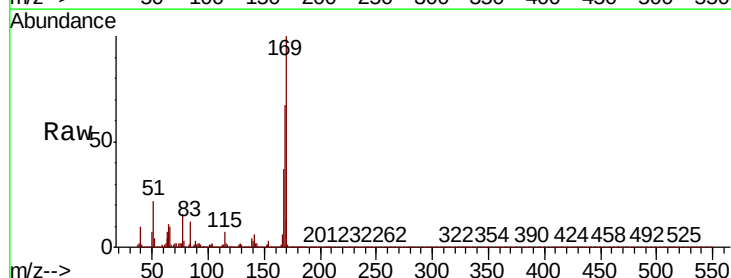
Tgt Ion:169 Resp: 413737

Ion Ratio Lower Upper

169 100

168 67.3 53.7 80.5

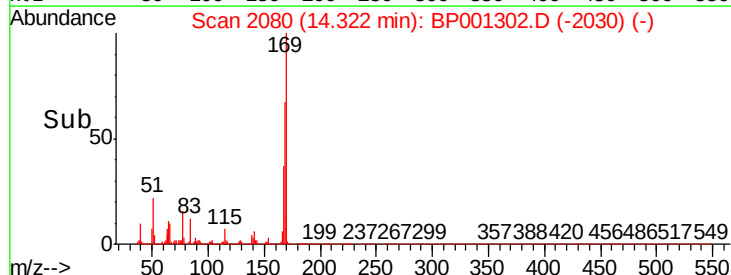
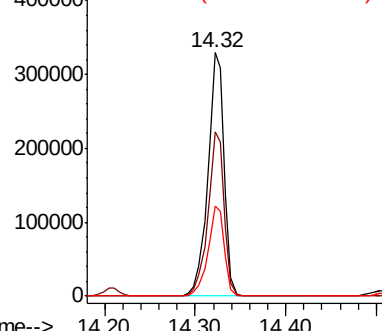
167 37.1 29.1 43.7

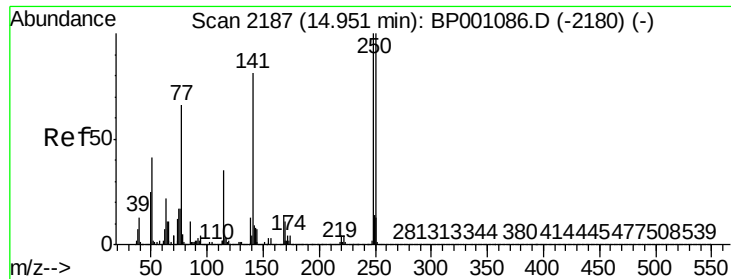


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

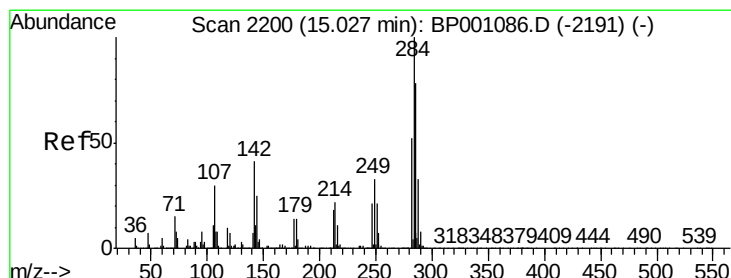
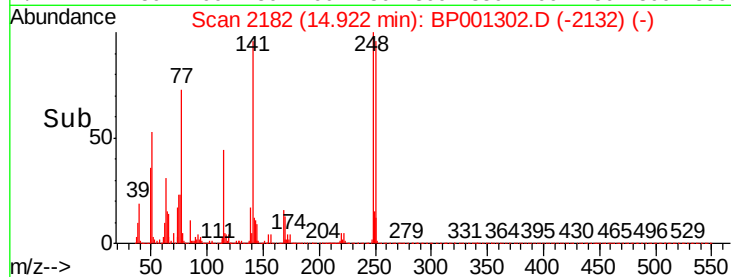
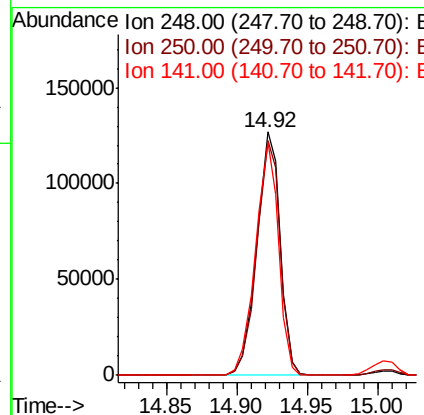
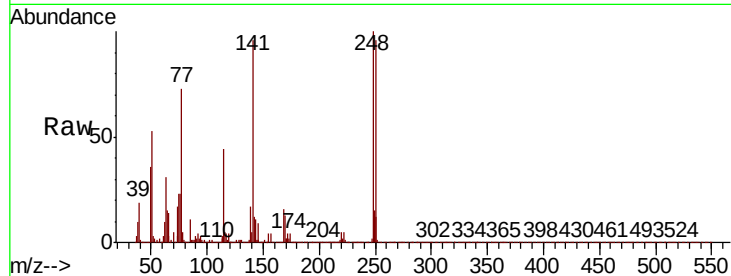




#67
4-Bromophenyl-phenylether
Concen: 51.571 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

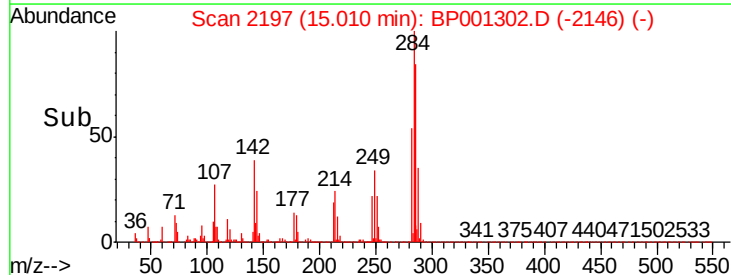
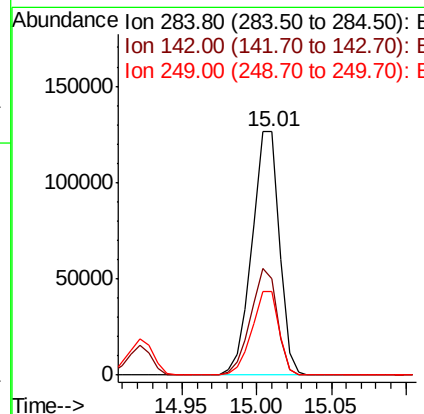
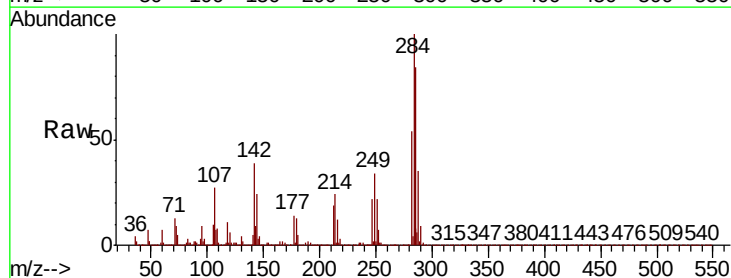
Instrument :
BNA_P
ClientSampleId :

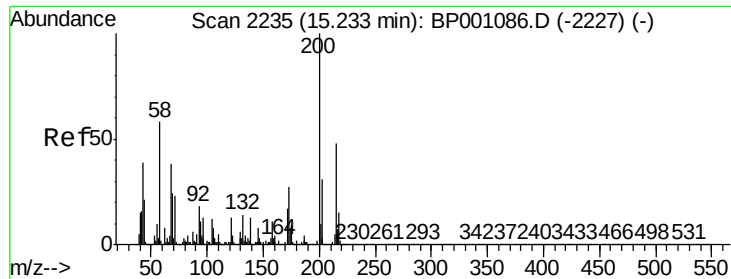
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	77.6	116.4
141	95.7	74.6	111.8



#68
Hexachlorobenzene
Concen: 50.351 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.4	35.0	52.6
249	34.4	27.6	41.4

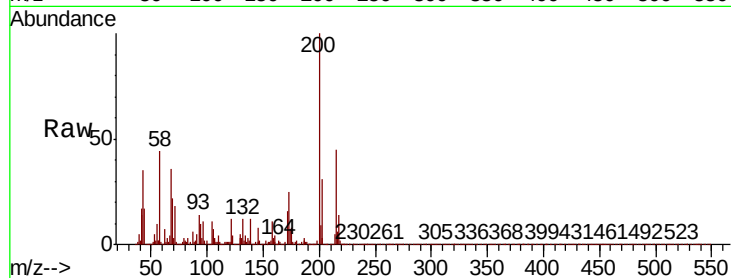




#69
Atrazine
Concen: 55.153 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.6	6.4	46.4
215	44.6	27.7	67.7

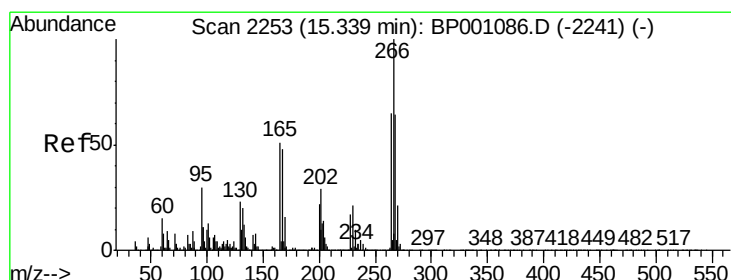
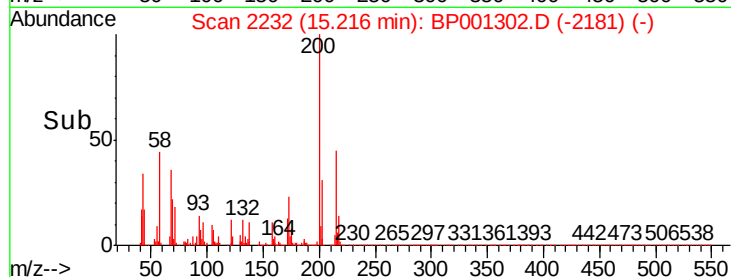
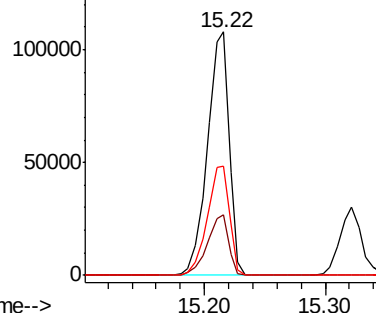


Abundance

Ion 200.00 (199.70 to 200.70): E

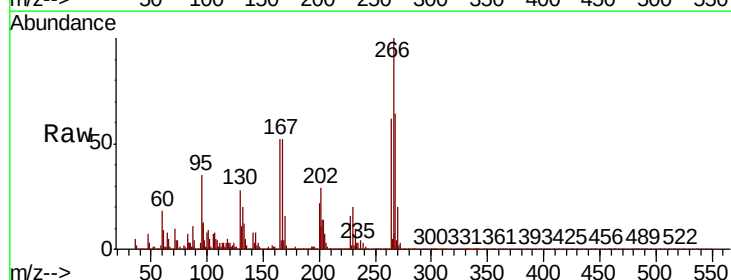
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 111.290 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.00 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	50.6	76.0
264	62.4	49.9	74.9

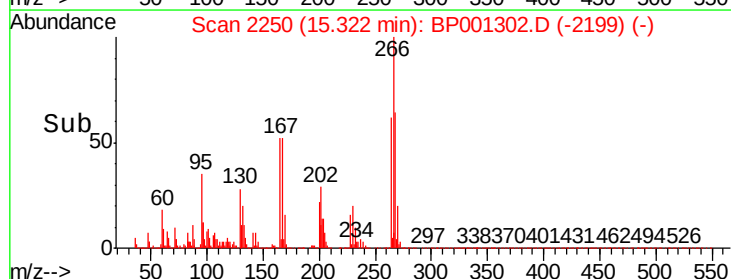
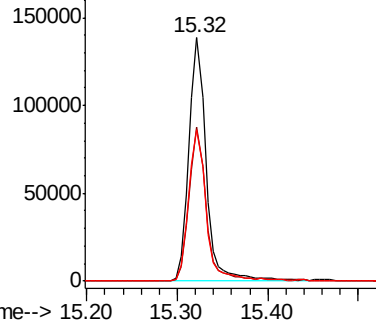


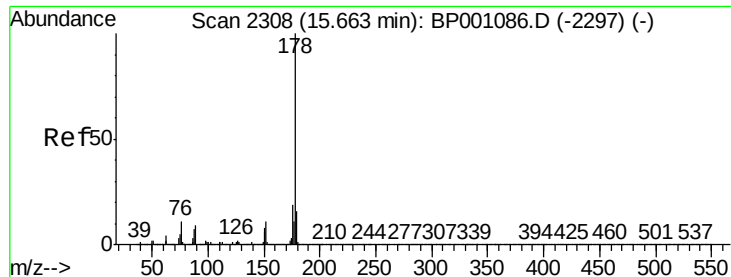
Abundance

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

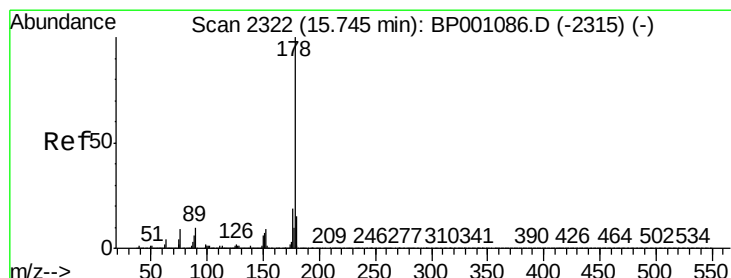
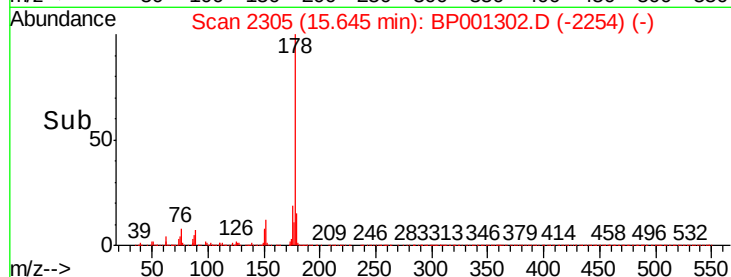
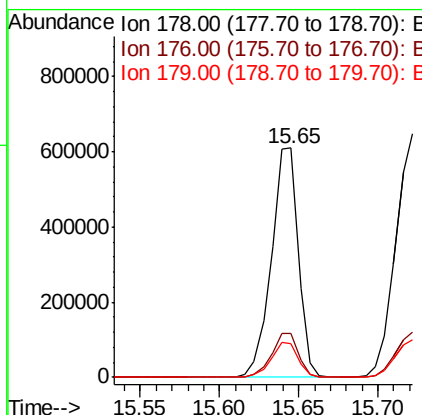
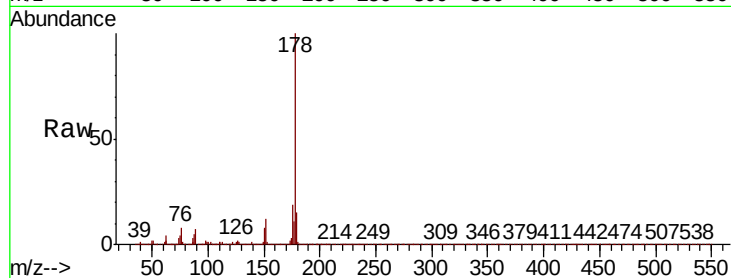




#71
Phenanthrene
Concen: 52.021 ng
RT: 15.65 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

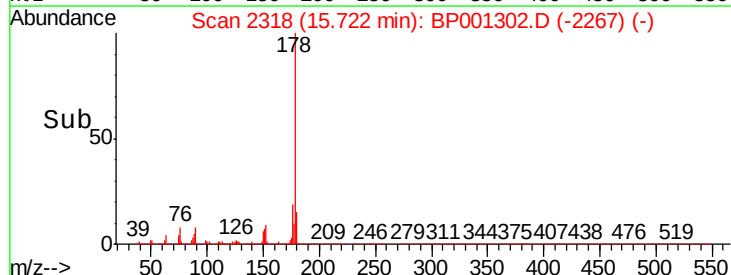
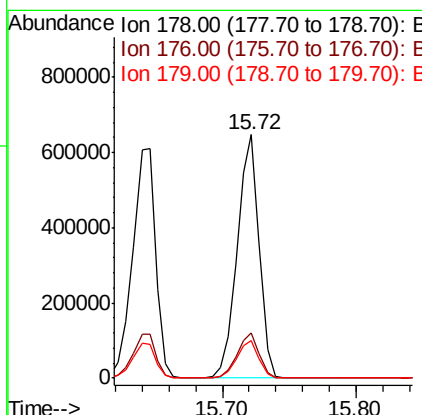
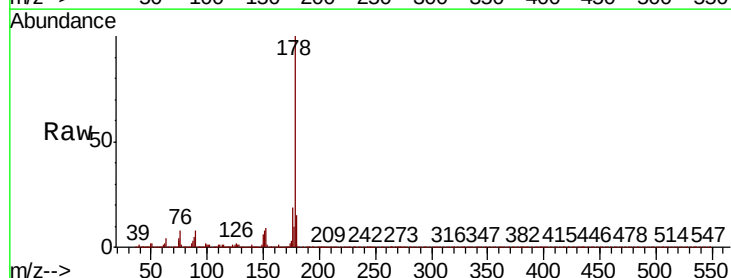
Instrument :
BNA_P
ClientSampleId :

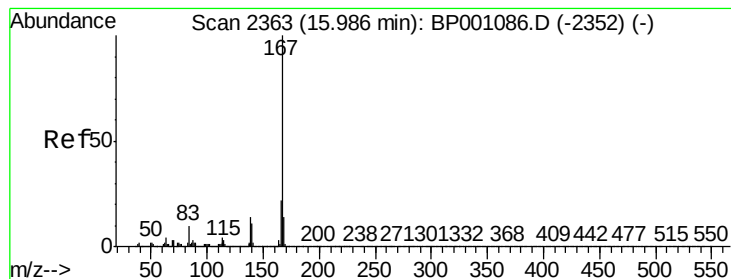
Tot Ion:178 Resp: 725020
Ion Ratio Lower Upper
178 100
176 19.0 15.7 23.5
179 14.7 12.4 18.6



#72
Anthracene
Concen: 53.506 ng
RT: 15.72 min Scan# 2318
Delta R.T. 0.00 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

Tgt Ion:178 Resp: 735012
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.2 12.7 19.1





#73

Carbazole

Concen: 51.015 ng

RT: 15.96 min Scan# 2359

Delta R.T. -0.01 min

Lab File: BP001302.D

Acq: 10 Dec 2019 19:24

Instrument :

BNA_P

ClientSampleId :

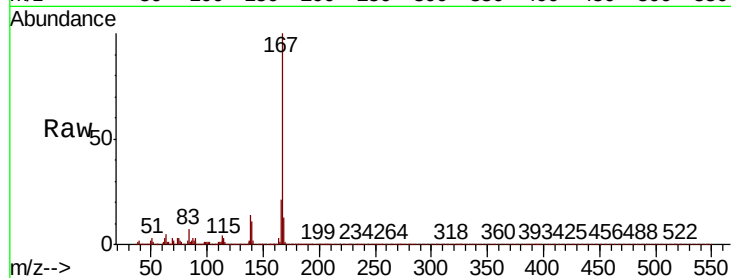
Tot Ion:167 Resp: 637688

Ion Ratio Lower Upper

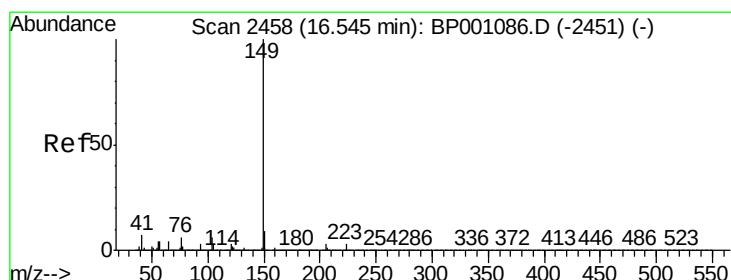
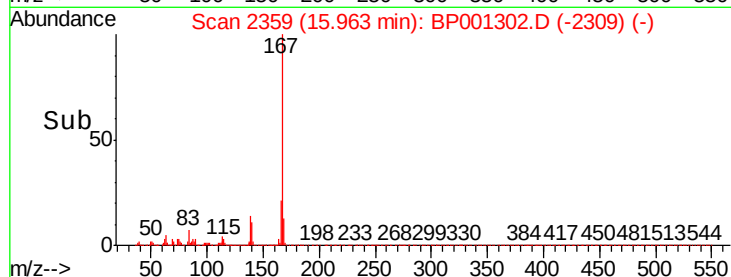
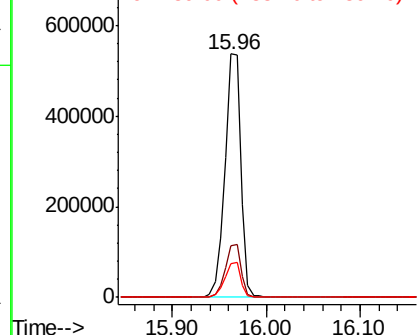
167 100

166 21.3 17.4 26.0

139 14.1 11.4 17.0



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 50.717 ng

RT: 16.52 min Scan# 2453

Delta R.T. -0.01 min

Lab File: BP001302.D

Acq: 10 Dec 2019 19:24

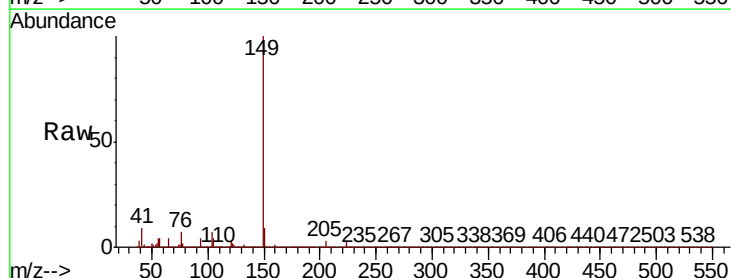
Tgt Ion:149 Resp: 852387

Ion Ratio Lower Upper

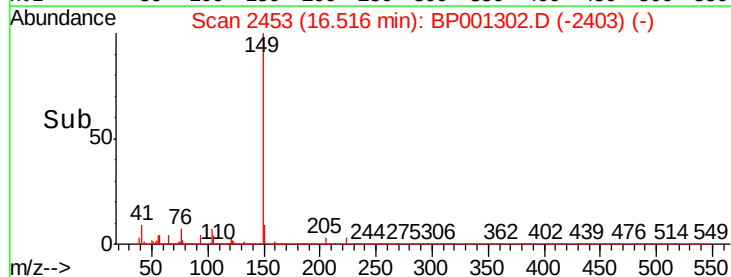
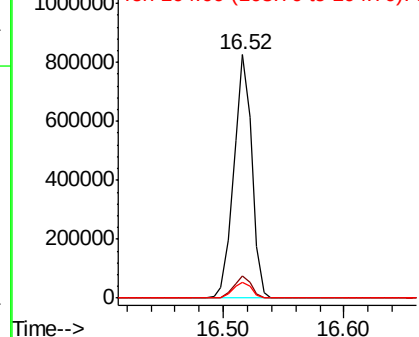
149 100

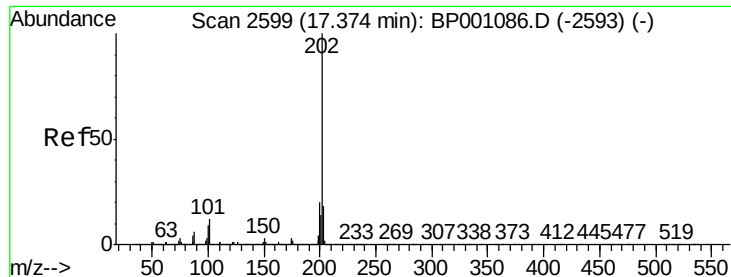
150 9.1 7.4 11.0

104 6.6 5.0 7.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 52.912 ng

RT: 17.35 min Scan# 2595

Delta R.T. -0.01 min

Lab File: BP001302.D

Acq: 10 Dec 2019 19:24

Instrument :

BNA_P

ClientSampleId :

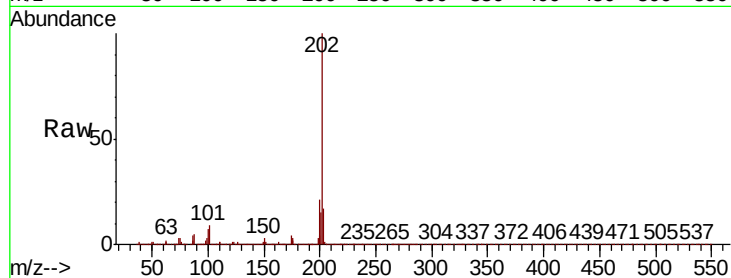
Tot Ion:202 Resp: 780696

Ion Ratio Lower Upper

202 100

101 9.5 0.0 30.0

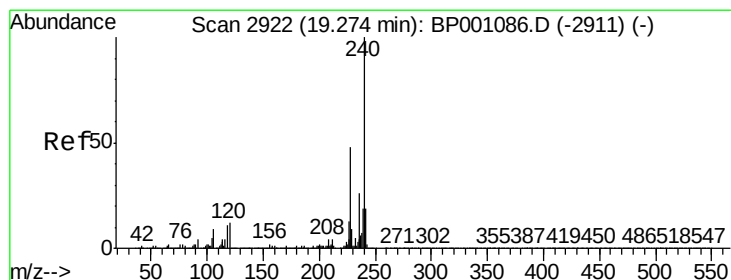
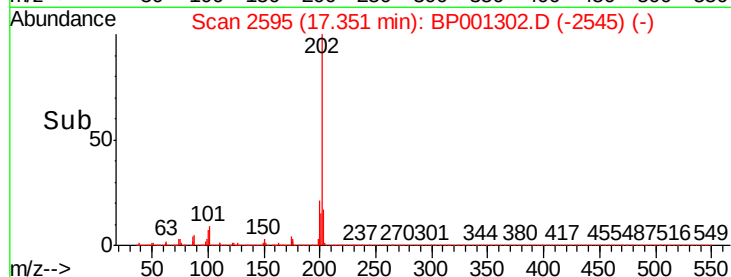
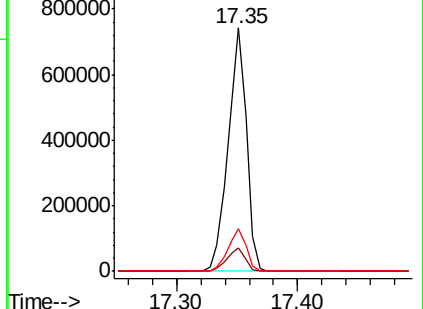
203 17.3 0.0 37.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.25 min Scan# 2917

Delta R.T. -0.01 min

Lab File: BP001302.D

Acq: 10 Dec 2019 19:24

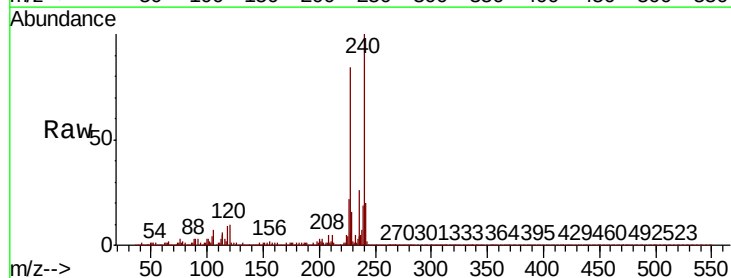
Tgt Ion:240 Resp: 201906

Ion Ratio Lower Upper

240 100

120 9.7 7.0 10.6

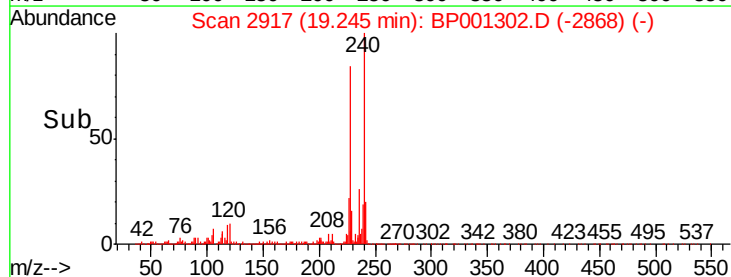
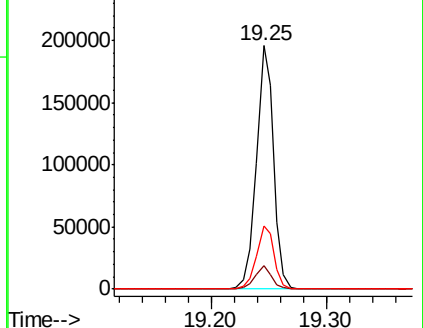
236 25.8 21.7 32.5

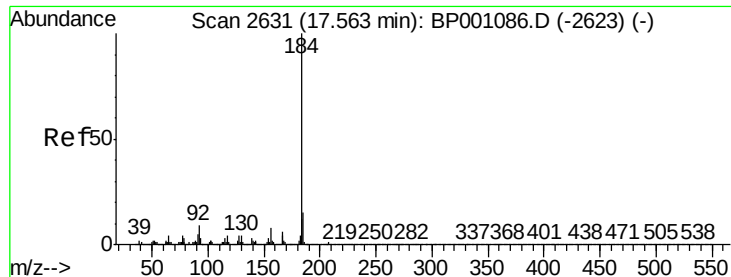


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.057 ng

RT: 17.54 min Scan# 2627

Delta R.T. -0.01 min

Lab File: BP001302.D

Acq: 10 Dec 2019 19:24

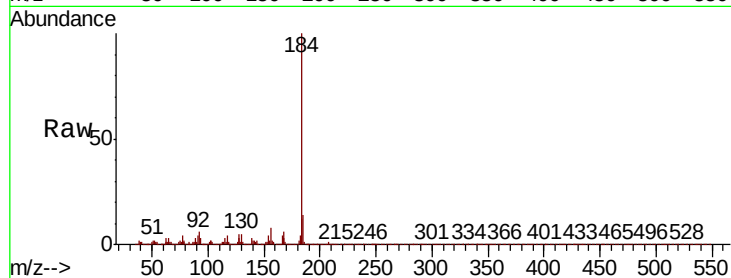
Instrument :

BNA_P

ClientSampleId :

Tot Ion:184 Resp: 224460

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.4	17.0
183	11.5	9.0	13.4

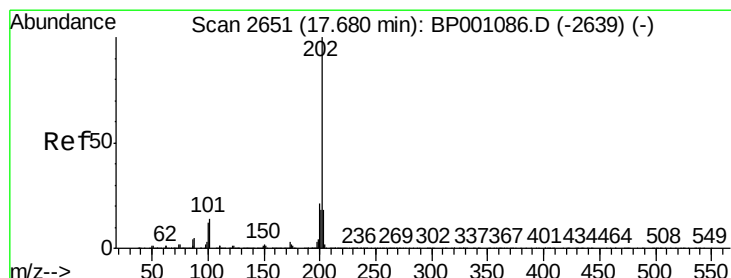
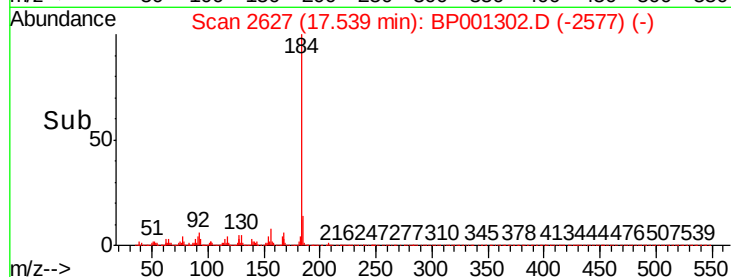
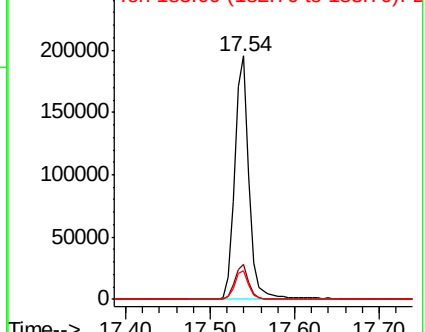


Abundance

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: 49.752 ng

RT: 17.66 min Scan# 2647

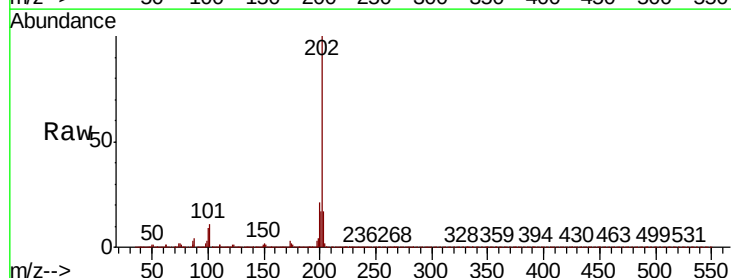
Delta R.T. -0.01 min

Lab File: BP001302.D

Acq: 10 Dec 2019 19:24

Tgt Ion:202 Resp: 791182

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.3	25.9
203	17.3	13.8	20.8

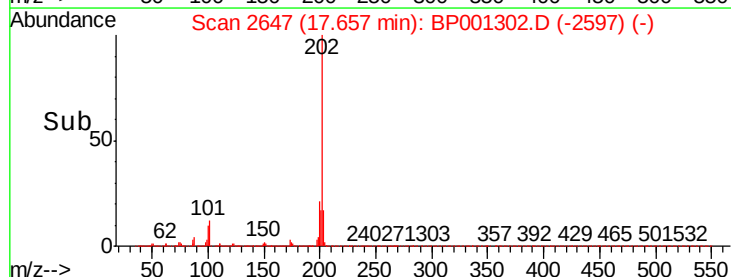
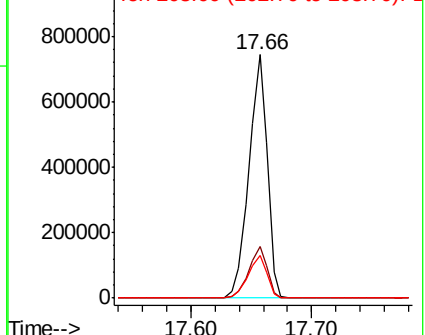


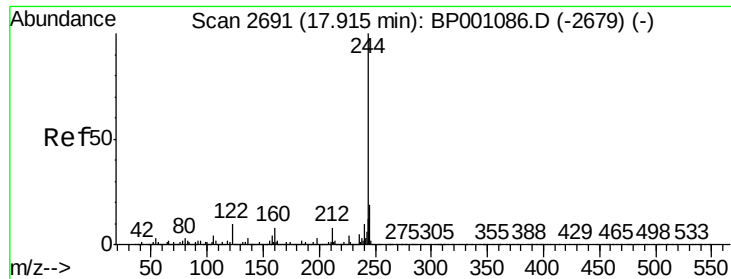
Abundance

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: 111.163 ng

RT: 17.89 min Scan# 2686

Delta R.T. -0.01 min

Lab File: BP001302.D

Acq: 10 Dec 2019 19:24

Instrument :

BNA_P

ClientSampleId :

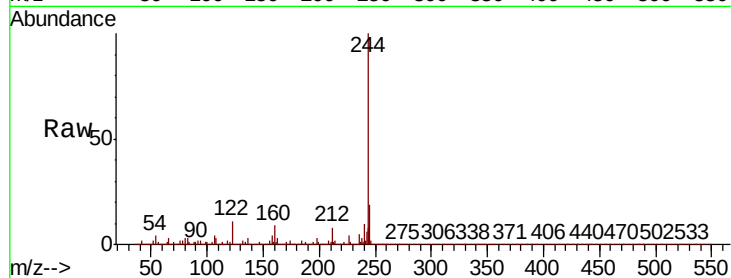
Tot Ion:244 Resp: 1213158

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

122 10.5 9.2 13.8

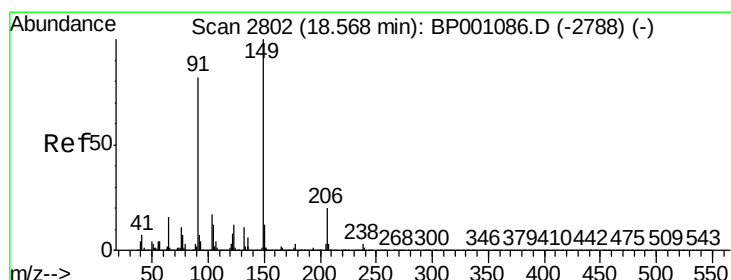
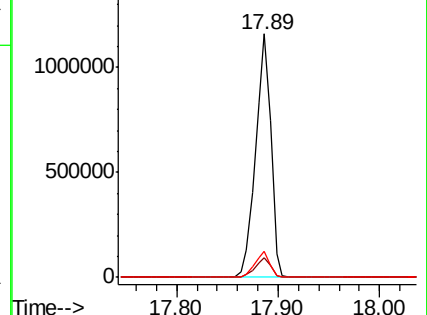
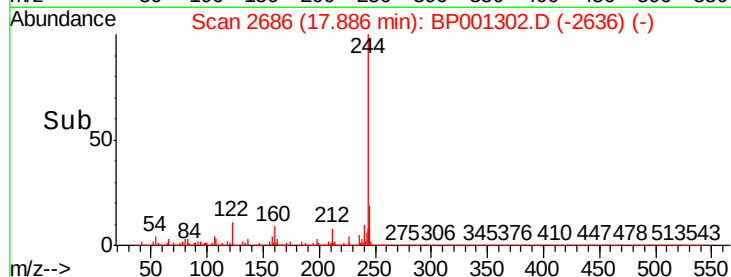


Abundance

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: 48.964 ng

RT: 18.54 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BP001302.D

Acq: 10 Dec 2019 19:24

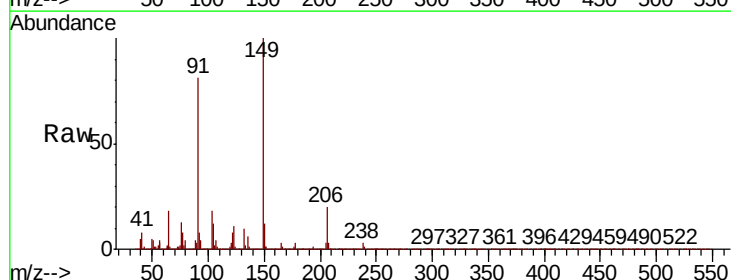
Tgt Ion:149 Resp: 359647

Ion Ratio Lower Upper

149 100

91 81.1 67.4 101.2

206 20.3 15.0 22.4

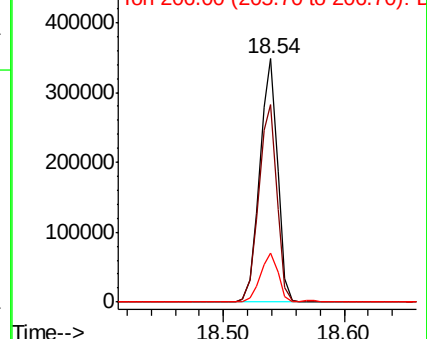
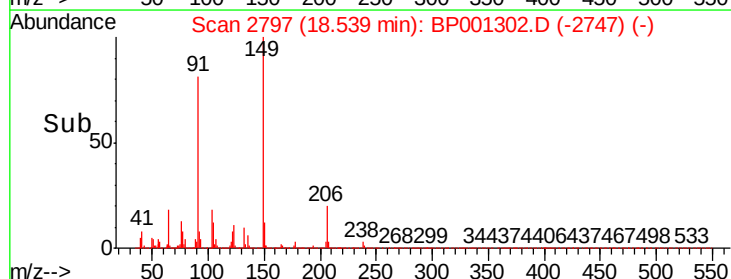


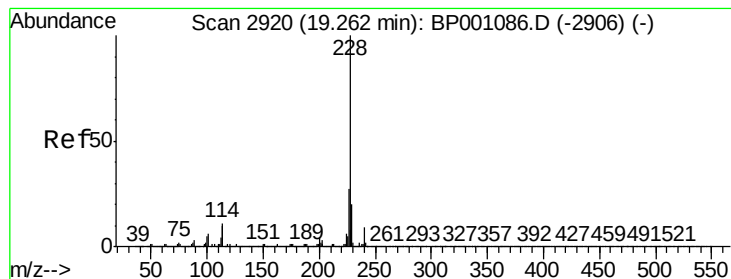
Abundance

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: 49.170 ng

RT: 19.23 min Scan# 2915

Delta R.T. -0.01 min

Lab File: BP001302.D

Acq: 10 Dec 2019 19:24

Instrument :

BNA_P

ClientSampleId :

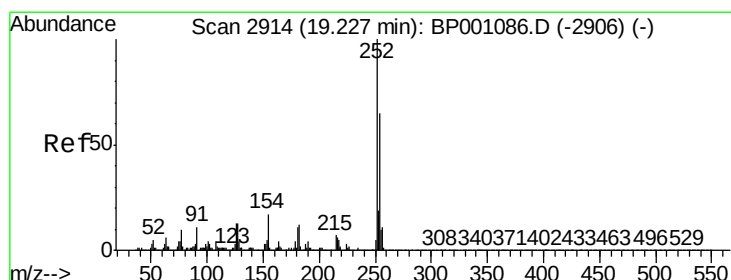
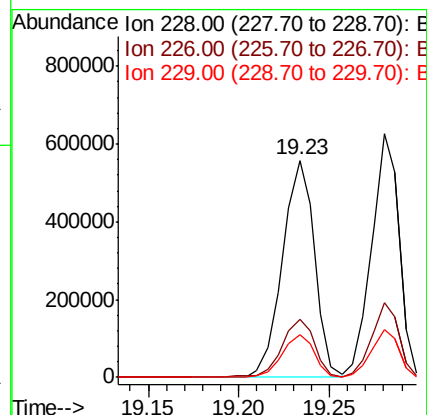
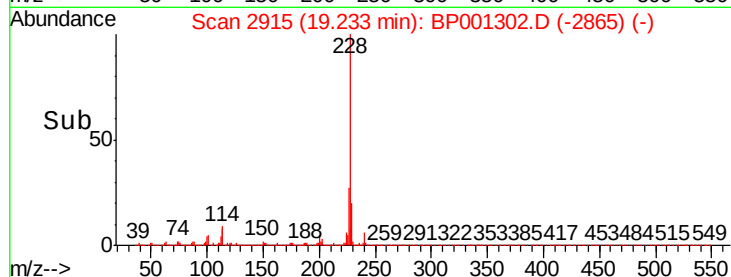
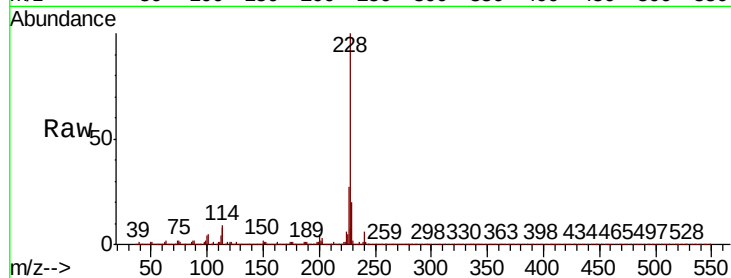
Tot Ion:228 Resp: 688329

Ion Ratio Lower Upper

228 100

226 27.0 21.7 32.5

229 19.5 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 34.253 ng

RT: 19.20 min Scan# 2909

Delta R.T. -0.01 min

Lab File: BP001302.D

Acq: 10 Dec 2019 19:24

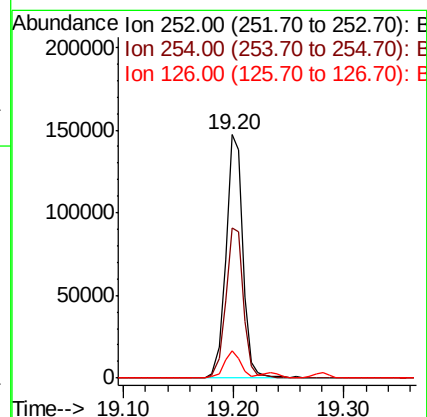
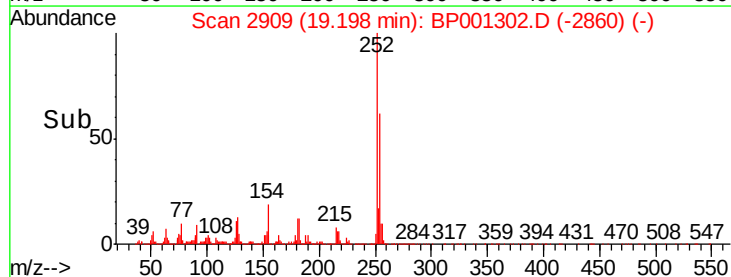
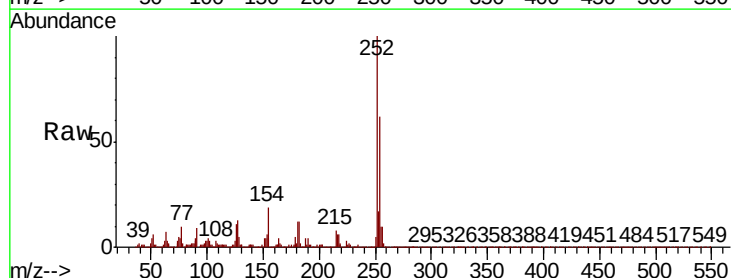
Tgt Ion:252 Resp: 158408

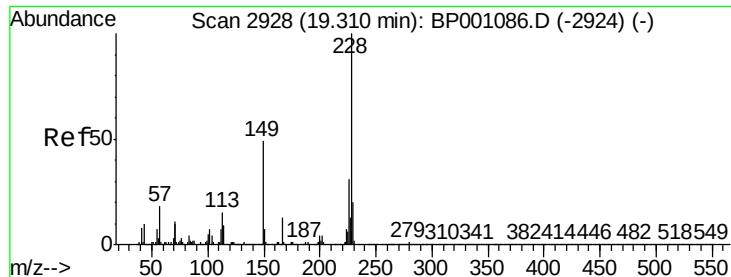
Ion Ratio Lower Upper

252 100

254 61.9 52.3 78.5

126 11.0 9.4 14.2

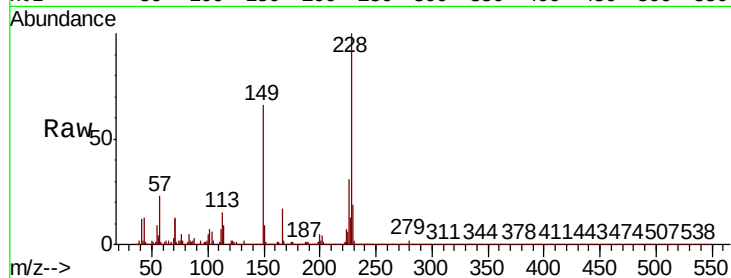




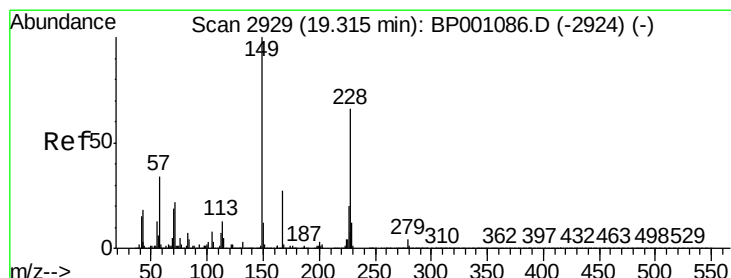
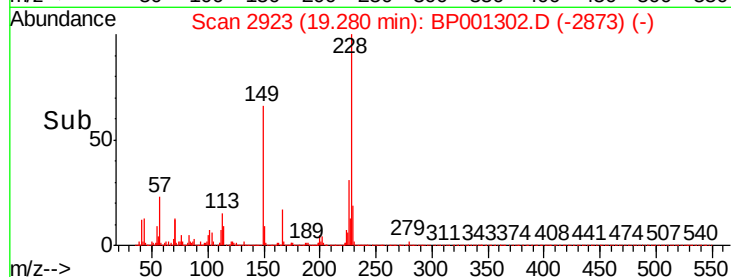
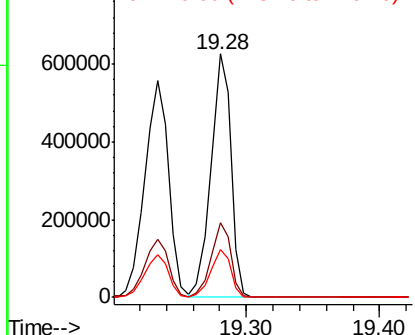
#83
 Chrysene
 Concen: 52.768 ng
 RT: 19.28 min Scan# 2923
 Delta R.T. -0.01 min
 Lab File: BP001302.D
 Acq: 10 Dec 2019 19:24

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:228 Resp: 661481
 Ion Ratio Lower Upper
 228 100
 226 30.6 23.7 35.5
 229 19.5 15.2 22.8

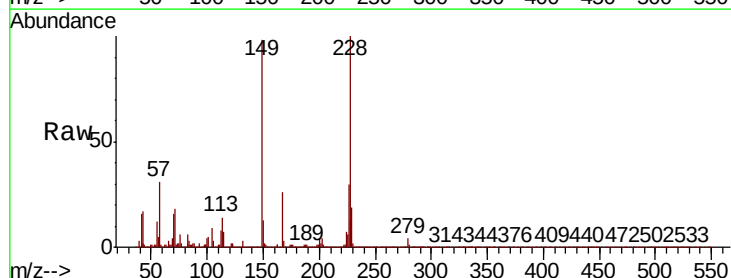


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

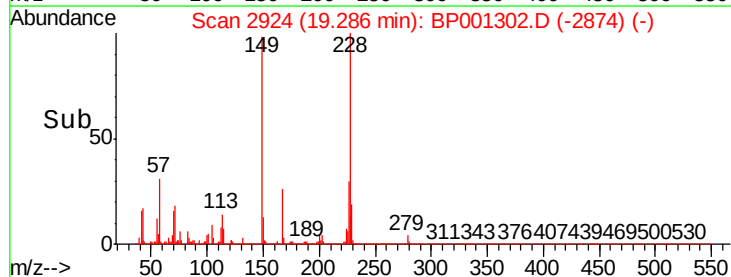
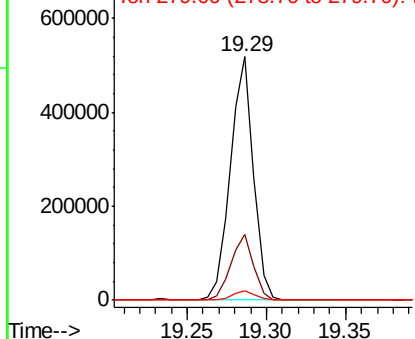


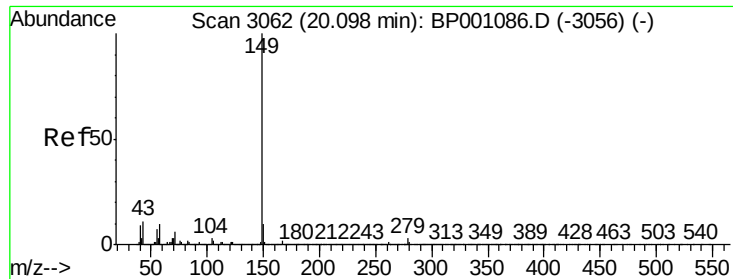
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.334 ng
 RT: 19.29 min Scan# 2924
 Delta R.T. -0.01 min
 Lab File: BP001302.D
 Acq: 10 Dec 2019 19:24

Tgt Ion:149 Resp: 518402
 Ion Ratio Lower Upper
 149 100
 167 26.9 20.8 31.2
 279 4.1 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

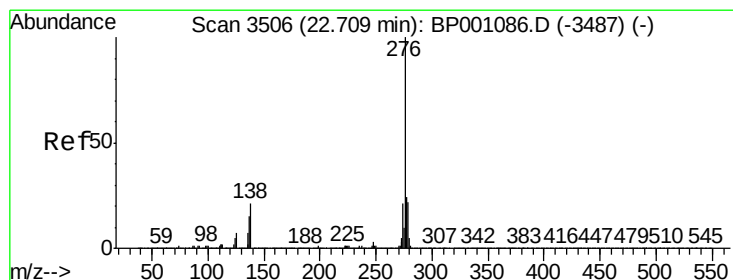
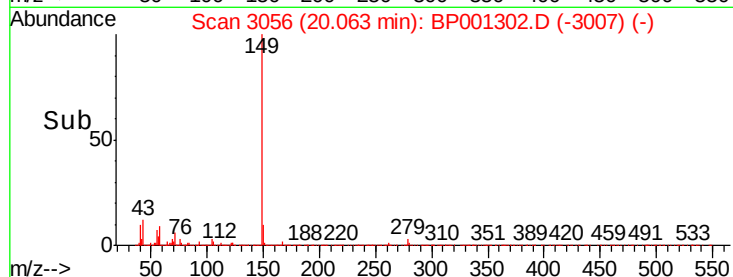
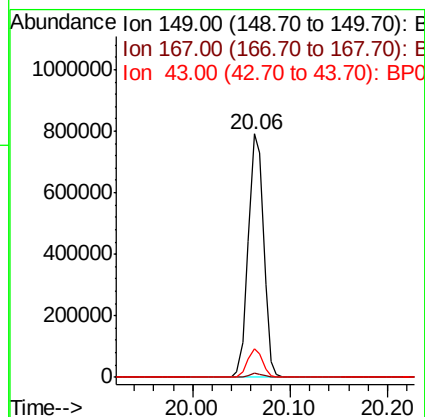
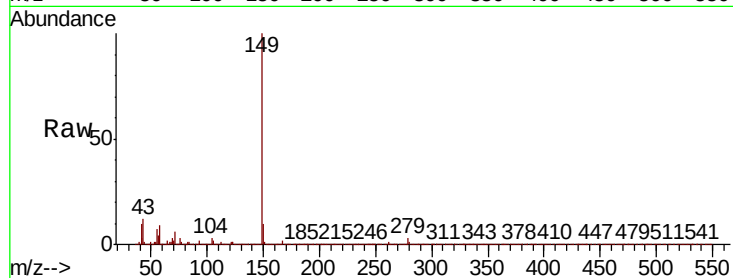




#85
Di-n-octyl phthalate
Concen: 48.593 ng
RT: 20.06 min Scan# 3056
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

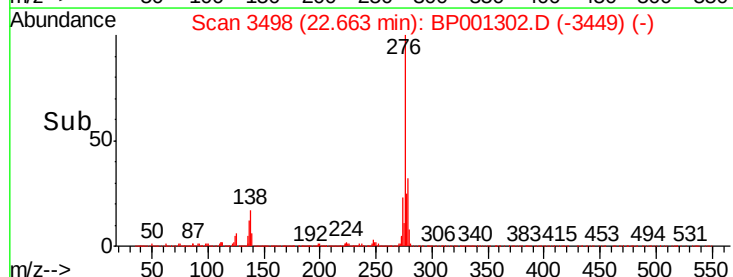
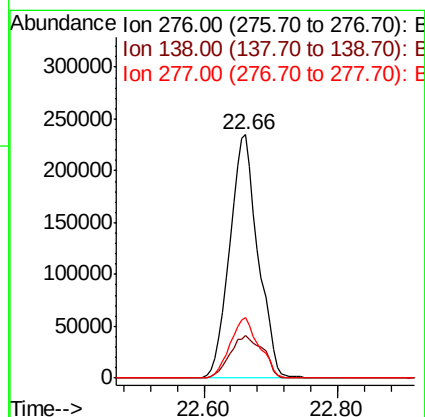
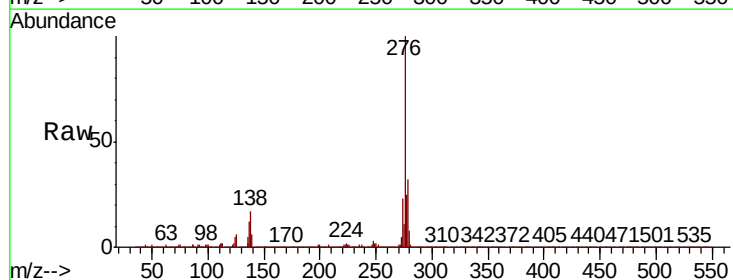
Instrument :
BNA_P
ClientSampleId :

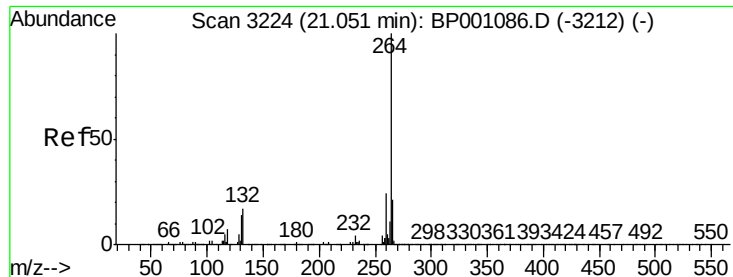
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	11.5	9.1	13.7



#86
Indeno(1,2,3-cd)pyrene
Concen: 47.246 ng
RT: 22.66 min Scan# 3498
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.1	17.9	26.9
277	25.3	20.1	30.1

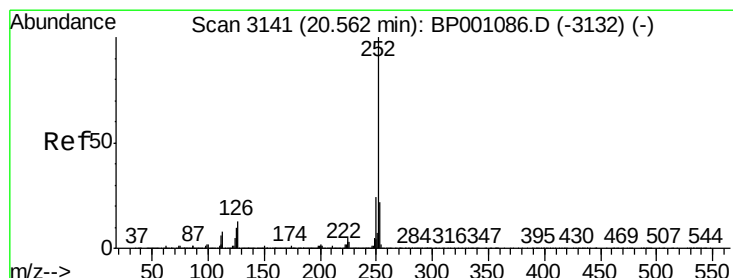
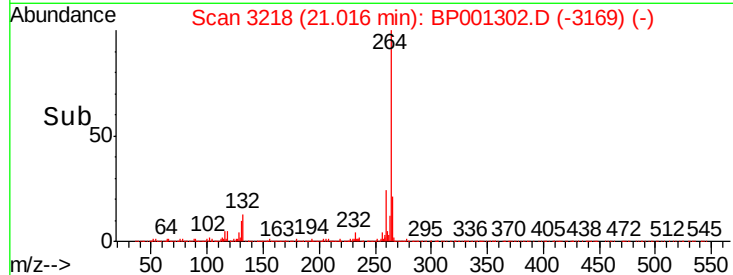
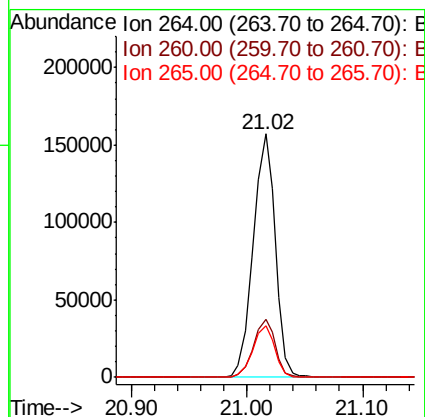
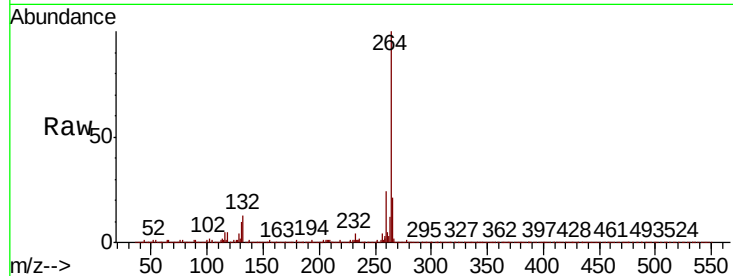




#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3218
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

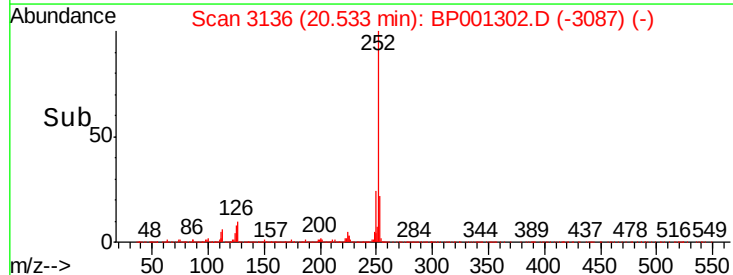
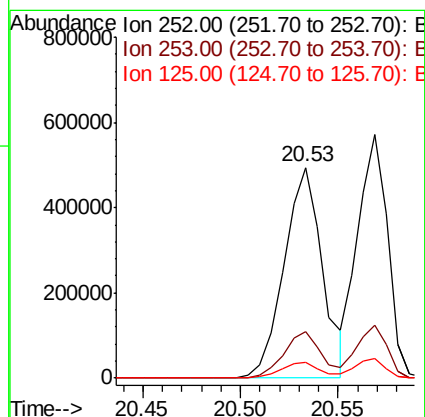
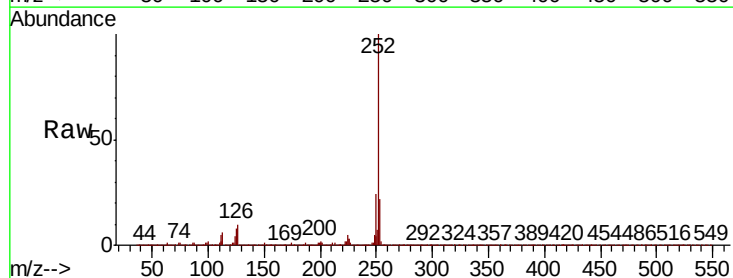
Instrument :
BNA_P
ClientSampleId :

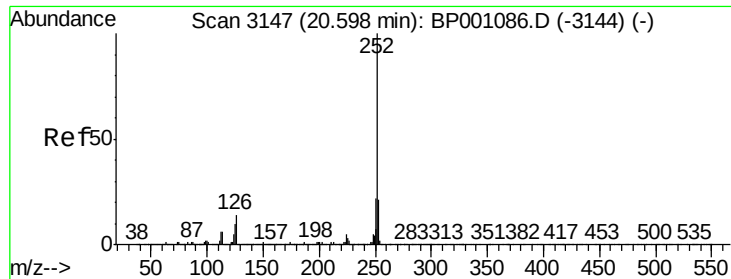
Tot Ion:264 Resp: 209284
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.0
265 21.3 17.1 25.7



#88
Benzo(b)fluoranthene
Concen: 52.700 ng
RT: 20.53 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

Tgt Ion:252 Resp: 673666
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 7.7 6.6 9.8

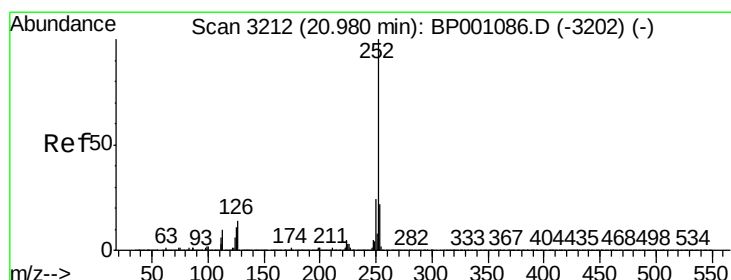
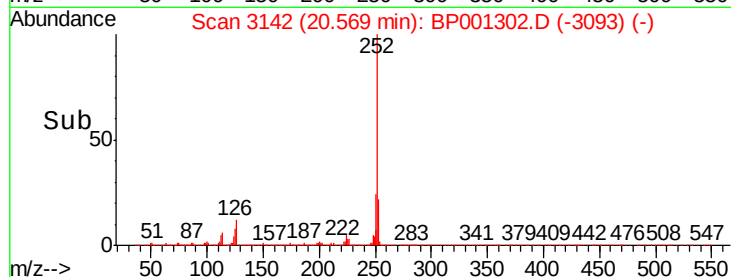
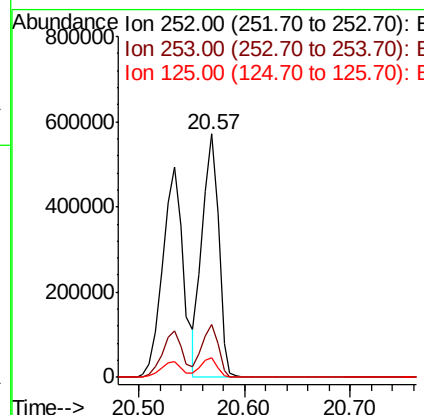
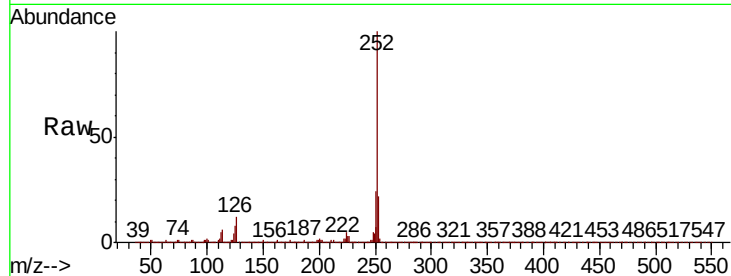




#89
Benzo(k)fluoranthene
Concen: 49.857 ng
RT: 20.57 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

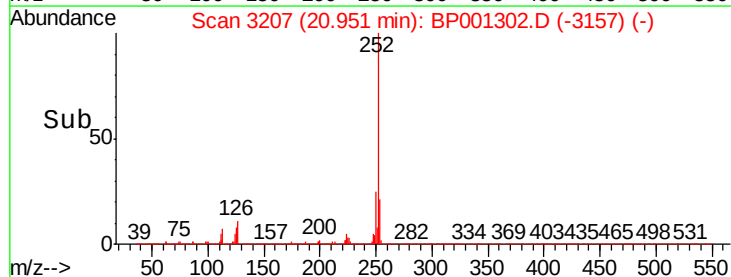
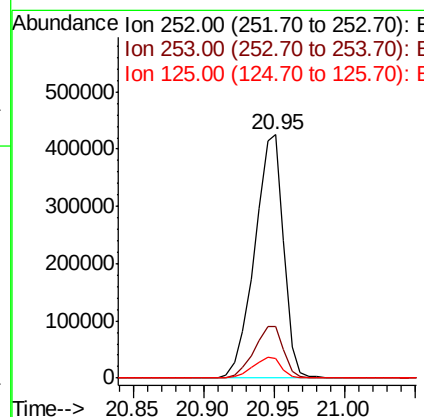
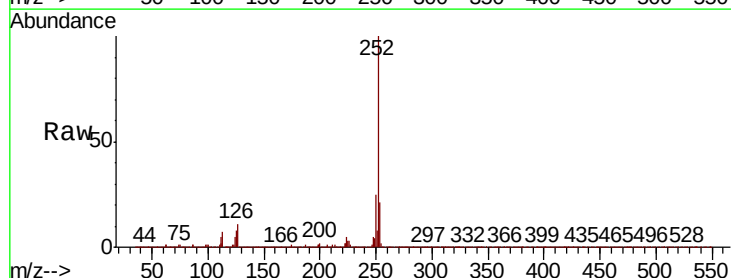
Instrument :
BNA_P
ClientSampleId :

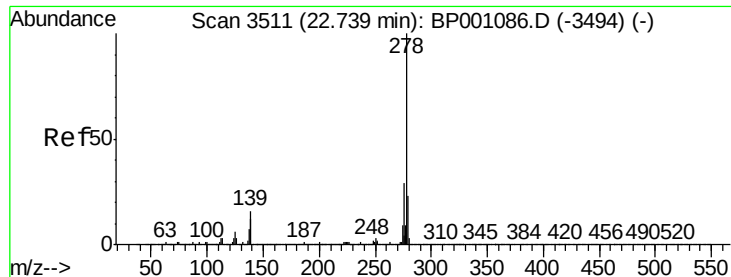
Tot Ion:	252	Resp:	613835
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	7.8	6.2	9.4



#90
Benzo(a)pyrene
Concen: 52.009 ng
RT: 20.95 min Scan# 3207
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 19:24

Tgt Ion:	252	Resp:	612381
Ion	Ratio	Lower	Upper
252	100		
253	21.2	16.8	25.2
125	8.0	7.8	11.6





#91

Dibenzo(a,h)anthracene

Concen: 50.406 ng

RT: 22.69 min Scan# 3502

Delta R.T. -0.02 min

Lab File: BP001302.D

Acq: 10 Dec 2019 19:24

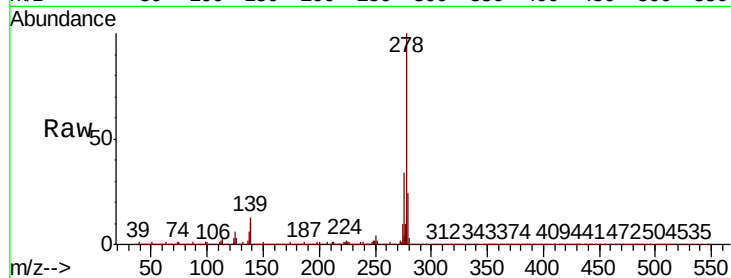
Instrument :

BNA_P

ClientSampleId :

Tot Ion:278 Resp: 580805

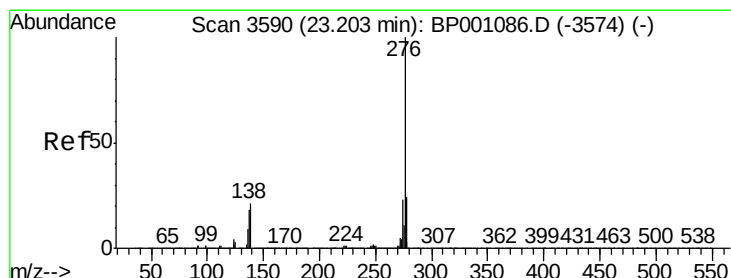
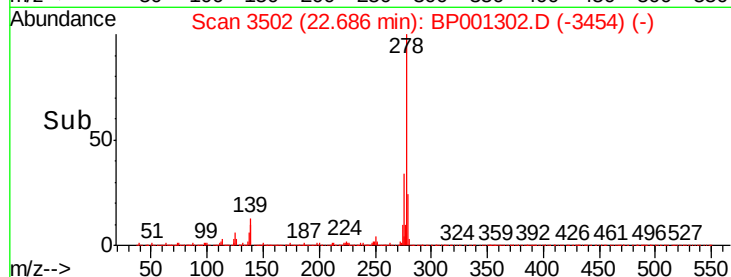
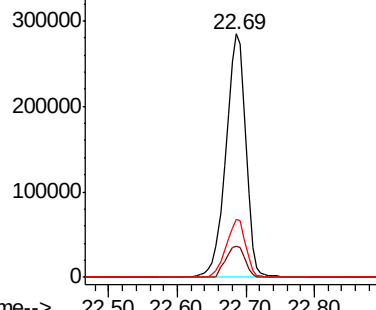
Ion	Ratio	Lower	Upper
278	100		
139	12.9	11.6	17.4
279	23.9	18.7	28.1



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: 49.383 ng

RT: 23.15 min Scan# 3581

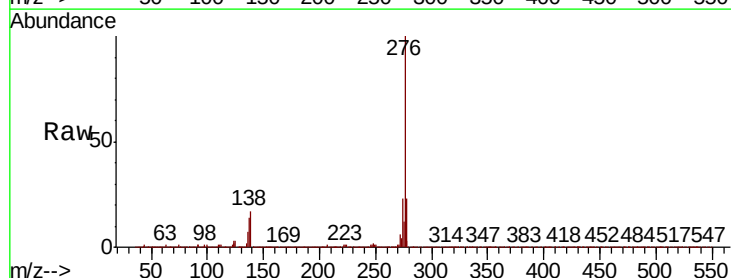
Delta R.T. -0.02 min

Lab File: BP001302.D

Acq: 10 Dec 2019 19:24

Tgt Ion:276 Resp: 561873

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	16.7	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

