

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
 Data File : BP001164.D
 Acq On : 03 Dec 2019 19:39
 Operator : JU
 Sample : PB125108BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 04 03:45:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 17:38:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	169307	20.00	ng	-0.01
21) Naphthalene-d8	10.35	136	663774	20.00	ng	-0.01
39) Acenaphthene-d10	13.22	164	370994	20.00	ng	-0.02
64) Phenanthrene-d10	15.62	188	677889	20.00	ng	-0.01
76) Chrysene-d12	19.26	240	524721	20.00	ng	-0.01
87) Perylene-d12	21.03	264	454723	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	1346668	131.96	ng	0.01
7) Phenol-d6	7.78	99	1748116	128.58	ng	0.01
23) Nitrobenzene-d5	9.20	82	997312	65.19	ng	0.00
42) 2,4,6-Tribromophenol	14.52	330	430217	120.98	ng	0.00
45) 2-Fluorobiphenyl	12.13	172	1582754	62.44	ng	-0.02
79) Terphenyl-d14	17.90	244	1764898	62.23	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.63	88	151952	31.878	ng	95
3) Pyridine	3.49	79	397221	30.032	ng	93
4) n-Nitrosodimethylamine	3.40	42	284127	49.642	ng	83
6) Aniline	7.80	93	567430	31.479	ng	# 1
8) 2-Chlorophenol	7.99	128	489682	46.379	ng	96
9) Benzaldehyde	7.61	77	176174	18.436	ng	97
10) Phenol	7.80	94	684848	44.285	ng	88
11) bis(2-Chloroethyl)ether	7.93	93	517236	42.952	ng	98
12) 1,3-Dichlorobenzene	8.22	146	501314	40.059	ng	97
13) 1,4-Dichlorobenzene	8.35	146	514429	40.806	ng	99
14) 1,2-Dichlorobenzene	8.58	146	487454	41.085	ng	100
15) Benzyl Alcohol	8.55	79	538503	48.252	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.78	45	792504	40.935	ng	100
17) 2-Methylphenol	8.75	107	431002	44.501	ng	97
18) Hexachloroethane	9.12	117	214629	41.156	ng	97
19) n-Nitroso-di-n-propylamine	8.99	70	412894	42.088	ng	96
20) 3+4-Methylphenols	8.99	107	540343	44.259	ng	98
22) Acetophenone	8.97	105	787607	40.371	ng	# 95
24) Nitrobenzene	9.23	77	645058	42.401	ng	99
25) Isophorone	9.63	82	1130183	41.195	ng	99
26) 2-Nitrophenol	9.74	139	252722	45.352	ng	93
27) 2,4-Dimethylphenol	9.83	122	421482	47.751	ng	93
28) bis(2-Chloroethoxy)methane	9.99	93	643740	37.398	ng	99
29) 2,4-Dichlorophenol	10.13	162	417743	41.582	ng	99
30) 1,2,4-Trichlorobenzene	10.27	180	466644	39.769	ng	99
31) Naphthalene	10.39	128	1359870	40.113	ng	100
32) Benzoic acid	10.05	122	293319	45.965	ng	97
33) 4-Chloroaniline	10.48	127	368955	25.080	ng	99
34) Hexachlorobutadiene	10.61	225	290244	39.321	ng	99
35) Caprolactam	11.07	113	74415	21.493	ng	98
36) 4-Chloro-3-methylphenol	11.30	107	504777	42.379	ng	99
37) 2-Methylnaphthalene	11.52	142	930657	40.232	ng	97
38) 1-Methylnaphthalene	11.67	142	878426	40.199	ng	98
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	453441	38.783	ng	98

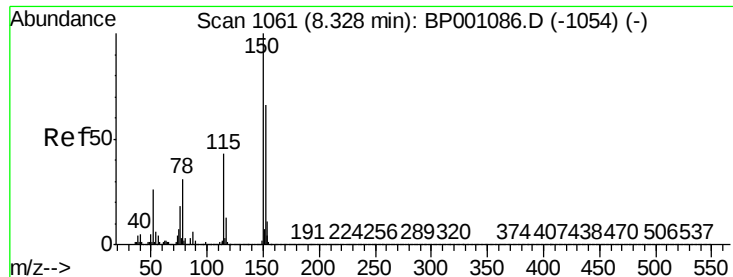
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.79	237	405256	75.135	nq	98
43) 2,4,6-Trichlorophenol	11.98	196	313562	41.075	nq	97
44) 2,4,5-Trichlorophenol	12.05	196	329670	41.680	nq	97
46) 1,1'-Biphenyl	12.29	154	1120198	39.070	nq	99
47) 2-Chloronaphthalene	12.31	162	871236	38.041	nq	98
48) 2-Nitroaniline	12.48	65	361903	40.319	nq	99
49) Acenaphthylene	12.99	152	1381180	40.233	nq	100
50) Dimethylphthalate	12.82	163	1063968	38.346	nq	100
51) 2,6-Dinitrotoluene	12.90	165	239431	40.311	nq	99
52) Acenaphthene	13.27	154	801992	38.837	nq	99
53) 3-Nitroaniline	13.15	138	181757	27.241	nq	96
54) 2,4-Dinitrophenol	13.33	184	203593	83.569	nq	# 84
55) Dibenzofuran	13.56	168	1228214	39.580	nq	97
56) 4-Nitrophenol	13.46	139	400680	84.747	nq	84
57) 2,4-Dinitrotoluene	13.55	165	307137	41.254	nq	# 82
58) Fluorene	14.12	166	978458	39.350	nq	100
59) 2,3,4,6-Tetrachlorophenol	13.69	232	266240	40.949	nq	95
60) Diethylphthalate	13.99	149	1079065	37.559	nq	100
61) 4-Chlorophenyl-phenylether	14.14	204	481489	38.027	nq	98
62) 4-Nitroaniline	12.48	138	297698	38.484	nq	95
63) Azobenzene	14.40	77	1219859	39.281	nq	96
65) 4,6-Dinitro-2-methylphenol	14.22	198	142108	48.764	nq	96
66) n-Nitrosodiphenylamine	14.33	169	846592	41.102	nq	100
67) 4-Bromophenyl-phenylether	14.93	248	288880	39.252	nq	93
68) Hexachlorobenzene	15.02	284	315731	39.022	nq	97
69) Atrazine	15.23	200	290554	46.201	nq	97
70) Pentachlorophenol	15.33	266	385443	91.402	nq	98
71) Phenanthrene	15.65	178	1462057	41.024	nq	100
72) Anthracene	15.73	178	1485963	42.302	nq	100
73) Carbazole	15.97	167	1343882	42.043	nq	100
74) Di-n-butylphthalate	16.53	149	1692150	39.374	nq	99
75) Fluoranthene	17.36	202	1601454	42.446	nq	98
77) Benzidine	17.55	184	421034	31.077	nq	99
78) Pyrene	17.67	202	1628344	39.400	nq	100
80) Butylbenzylphthalate	18.55	149	732518	38.374	nq	99
81) Benzo(a)anthracene	19.25	228	1439403	39.565	nq	100
82) 3,3'-Dichlorobenzidine	19.22	252	488051	40.607	nq	98
83) Chrysene	19.30	228	1299608	39.892	nq	100
84) Bis(2-ethylhexyl)phthalate	19.30	149	950465	36.215	nq	100
85) Di-n-octyl phthalate	20.08	149	1712098	36.724	nq	99
86) Indeno(1,2,3-cd)pyrene	22.69	276	1481195	38.579	nq	97
88) Benzo(b)fluoranthene	20.55	252	1342405	48.332	nq	98
89) Benzo(k)fluoranthene	20.59	252	1346655	50.341	nq	98
90) Benzo(a)pyrene	20.96	252	1233397	48.212	nq	99
91) Dibenzo(a,h)anthracene	22.72	278	1245509	49.749	nq	99
92) Benzo(g,h,i)perylene	23.19	276	1265467	51.189	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.32 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

Instrument :

BNA_P

ClientSampleId :

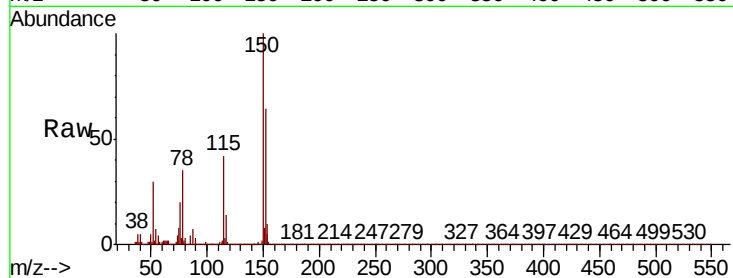
Tot Ion:152 Resp: 169307

Ion Ratio Lower Upper

152 100

150 157.0 120.6 181.0

115 66.6 51.6 77.4

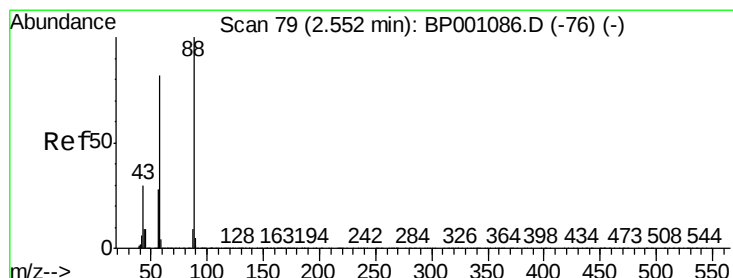
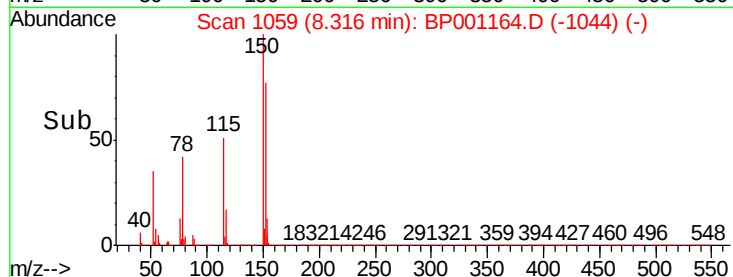
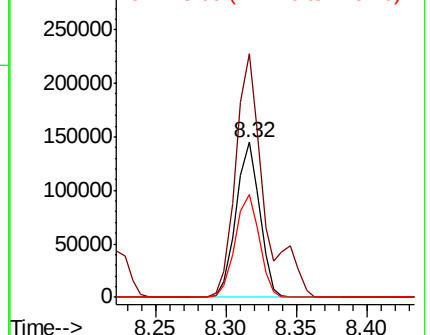


Abundance

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: 31.878 ng

RT: 2.63 min Scan# 92

Delta R.T. 0.08 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

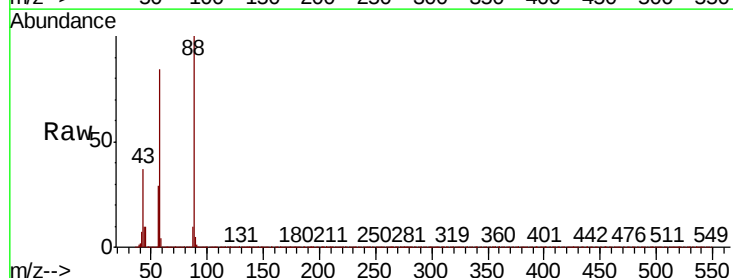
Tgt Ion: 88 Resp: 151952

Ion Ratio Lower Upper

88 100

58 83.0 64.3 96.5

43 35.0 23.8 35.6

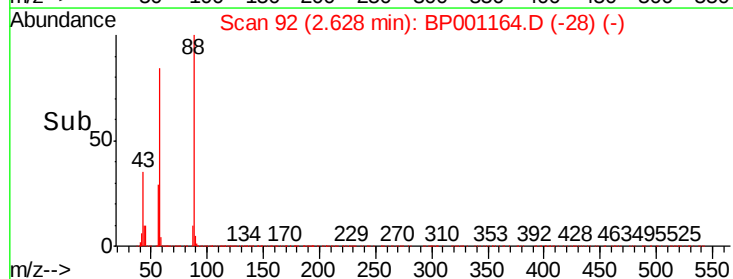
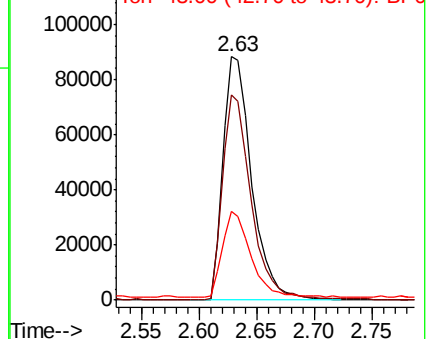


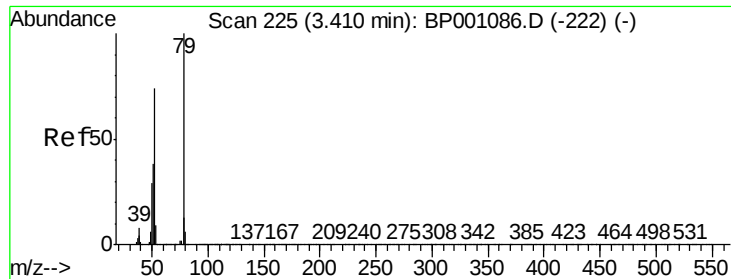
Abundance

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: 30.032 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.08 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

Instrument :

BNA_P

ClientSampled :

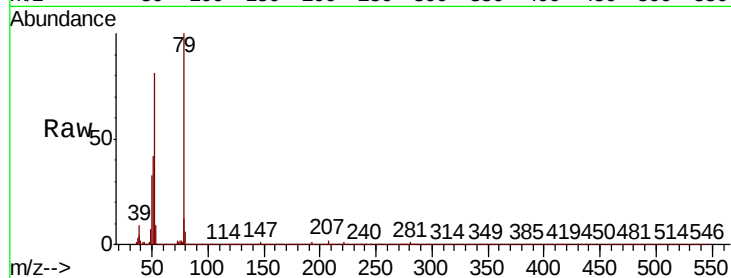
Tot Ion: 79 Resp: 397221

Ion Ratio Lower Upper

79 100

52 80.7 59.4 89.2

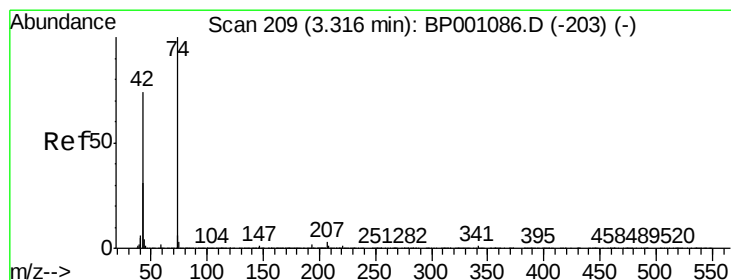
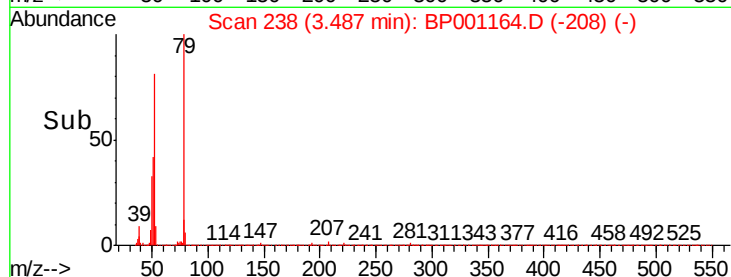
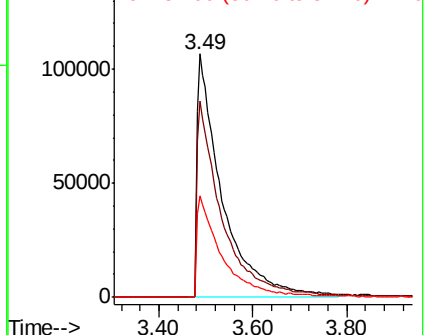
51 41.7 30.2 45.4



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 49.642 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.08 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

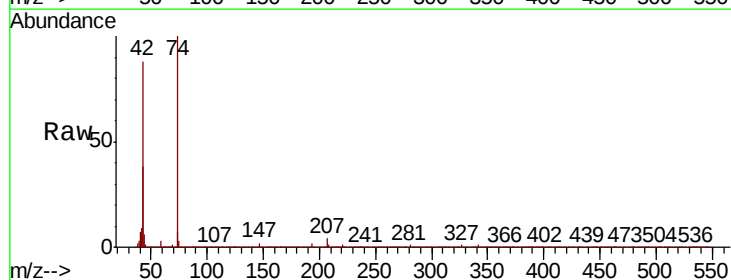
Tgt Ion: 42 Resp: 284127

Ion Ratio Lower Upper

42 100

74 114.0 108.6 163.0

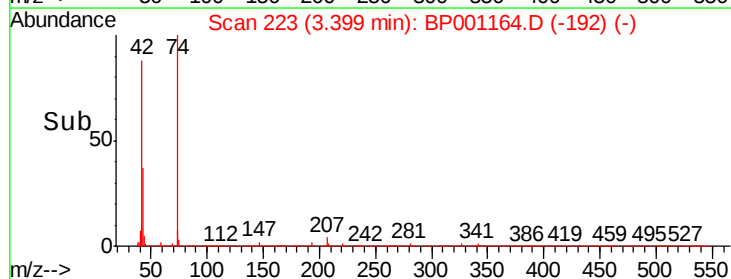
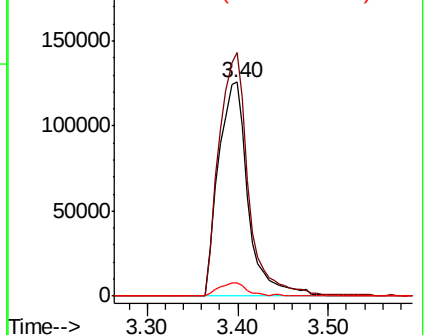
44 6.4 5.1 7.7

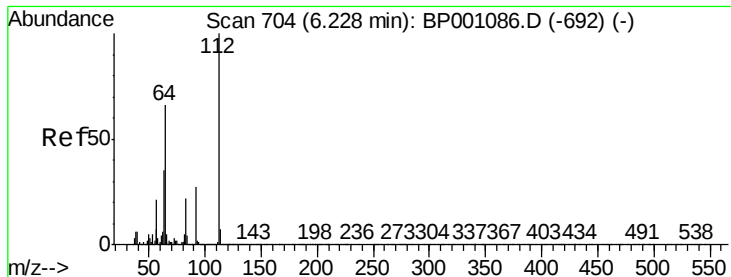


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 131.963 ng

RT: 6.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

Instrument :

BNA_P

ClientSampleId :

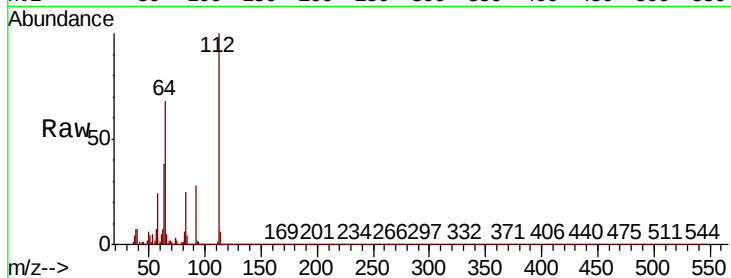
Tot Ion:112 Resp: 1346668

Ion Ratio Lower Upper

112 100

64 67.9 52.8 79.2

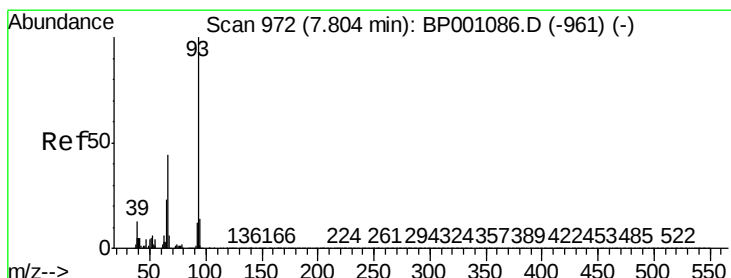
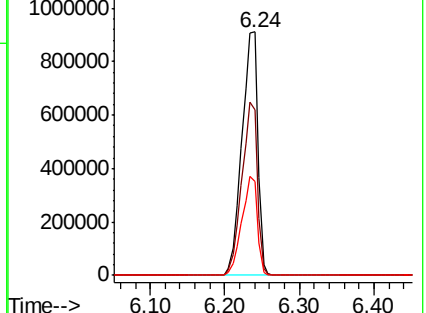
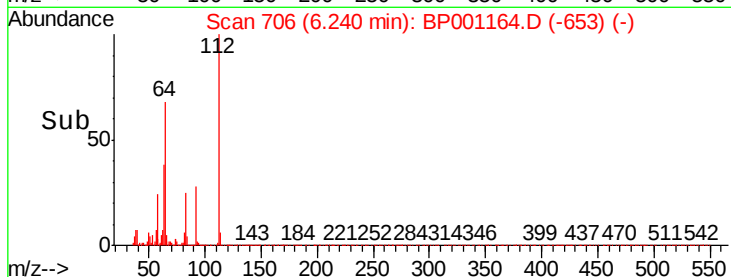
63 38.4 28.2 42.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 31.479 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

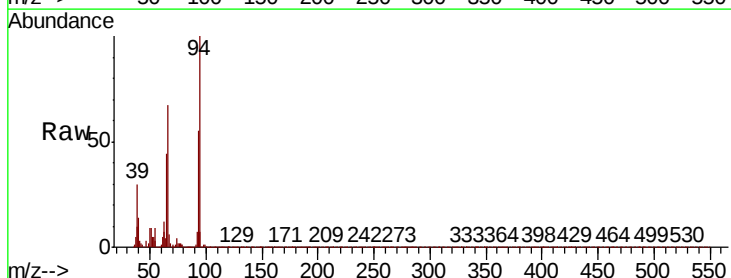
Tgt Ion: 93 Resp: 567430

Ion Ratio Lower Upper

93 100

66 123.1 34.9 52.3#

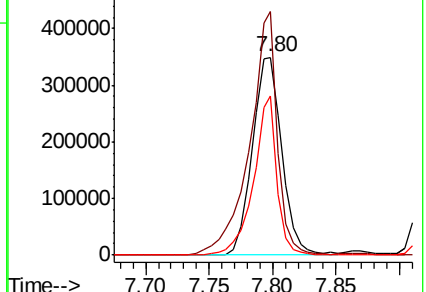
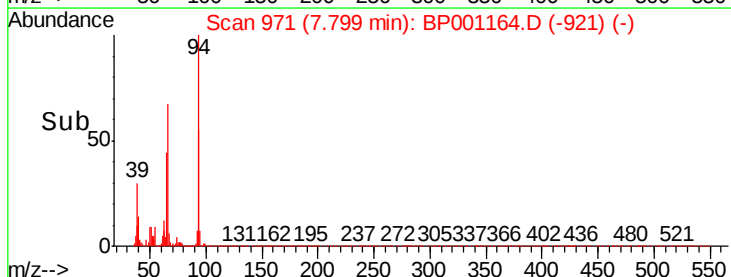
65 80.7 18.5 27.7#

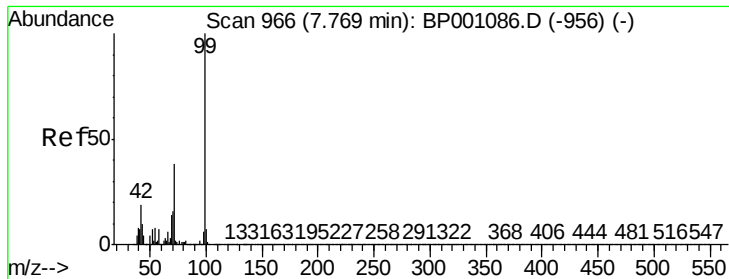


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 128.581 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

Instrument :

BNA_P

ClientSampleId :

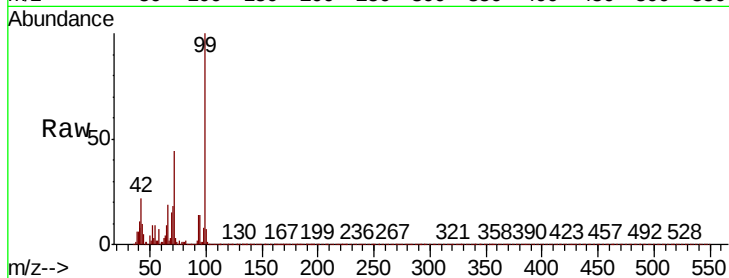
Tot Ion: 99 Resp: 1748116

Ion Ratio Lower Upper

99 100

42 21.8 15.4 23.0

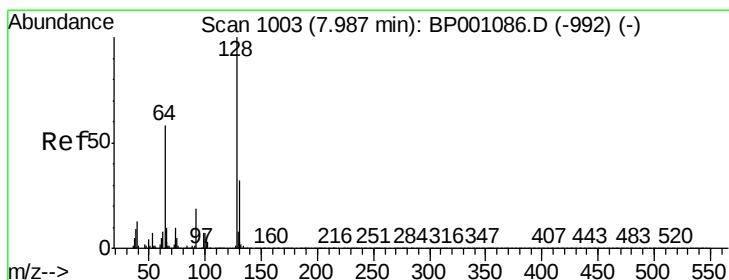
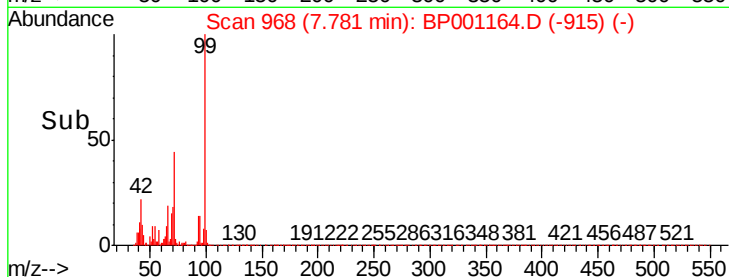
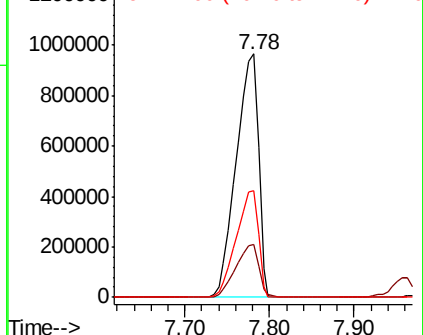
71 43.9 30.8 46.2



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 46.379 ng

RT: 7.99 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

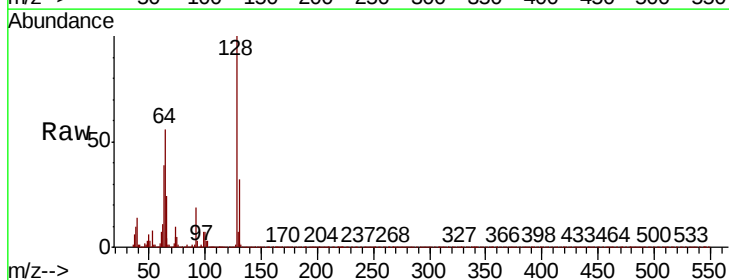
Tgt Ion: 128 Resp: 489682

Ion Ratio Lower Upper

128 100

130 31.8 11.7 51.7

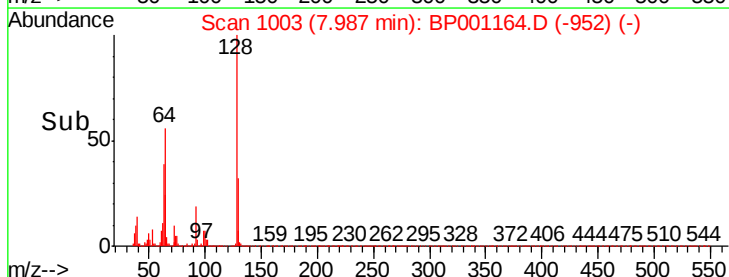
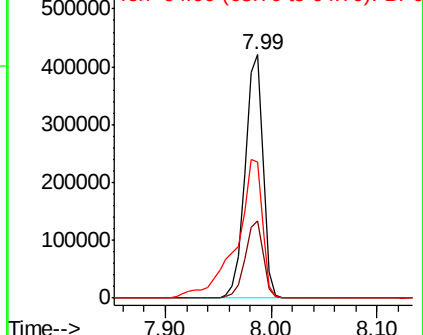
64 55.7 39.7 79.7

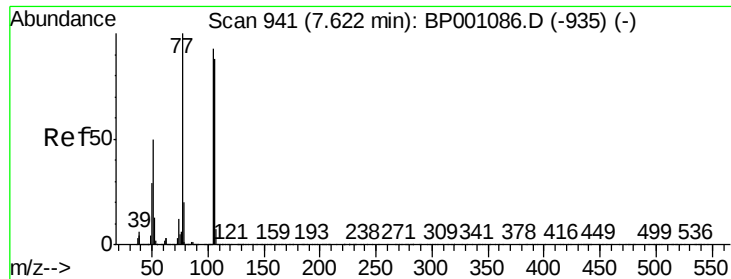


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 18.436 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

Instrument :

BNA_P

ClientSampleId :

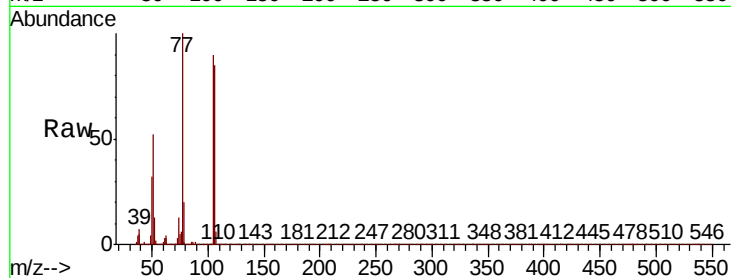
Tot Ion: 77 Resp: 176174

Ion Ratio Lower Upper

77 100

105 90.1 72.5 112.5

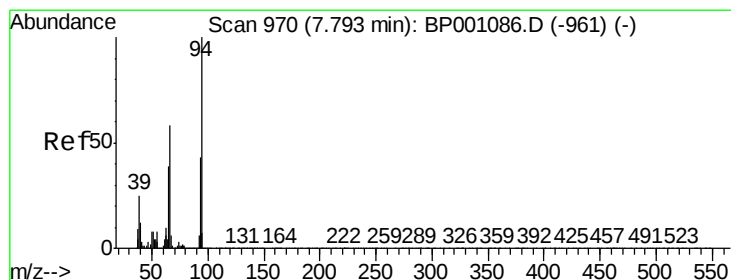
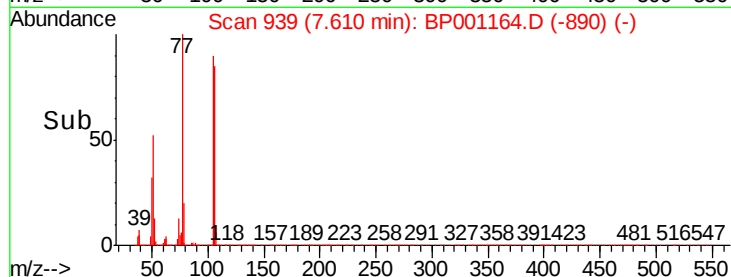
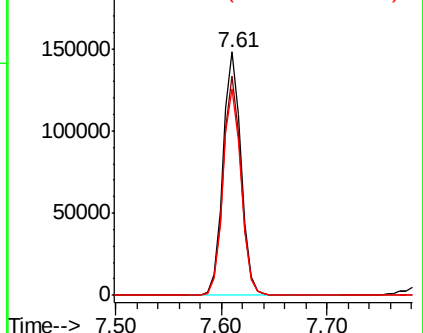
106 84.8 67.6 107.6



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 44.285 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

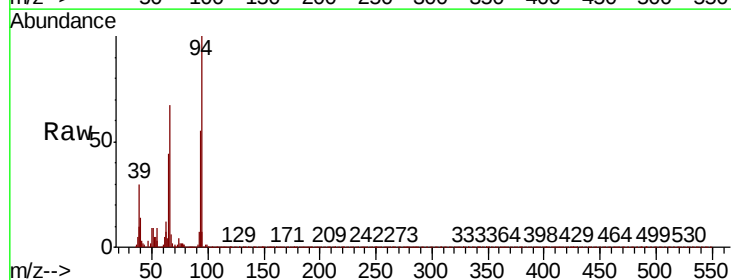
Tgt Ion: 94 Resp: 684848

Ion Ratio Lower Upper

94 100

65 44.2 18.6 58.6

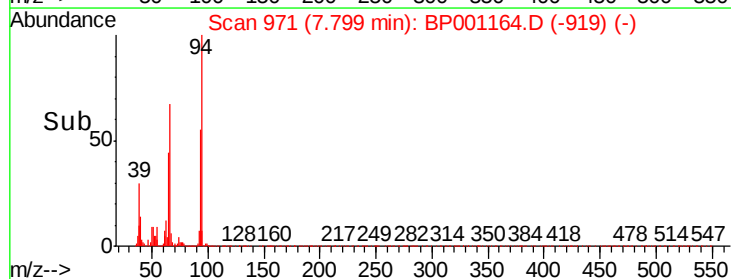
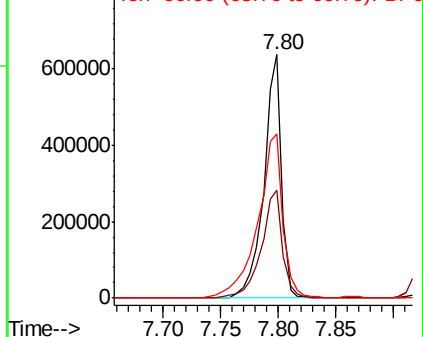
66 67.4 37.6 77.6

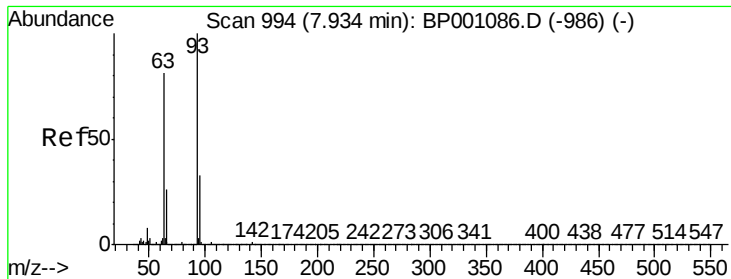


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

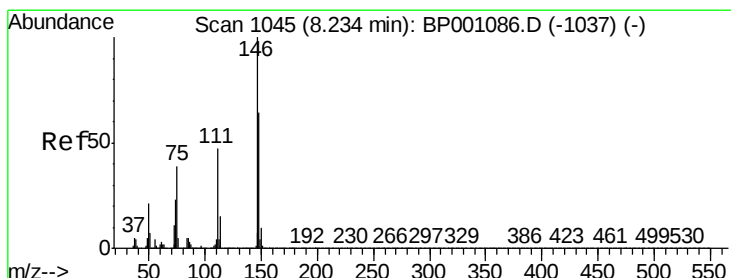
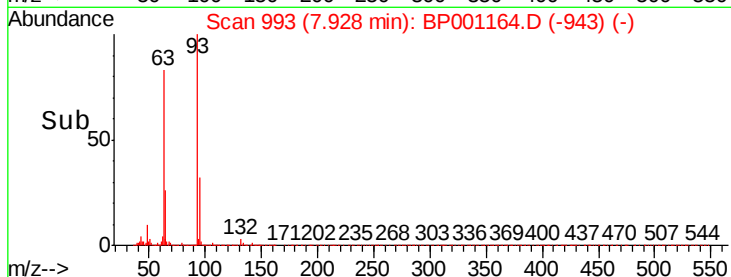
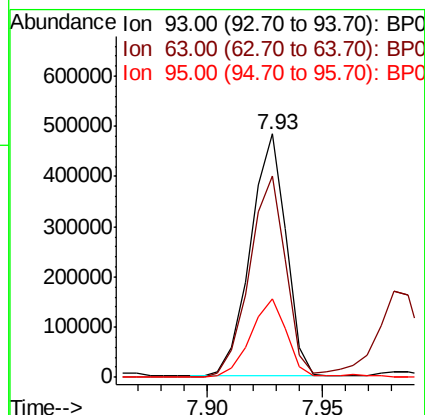
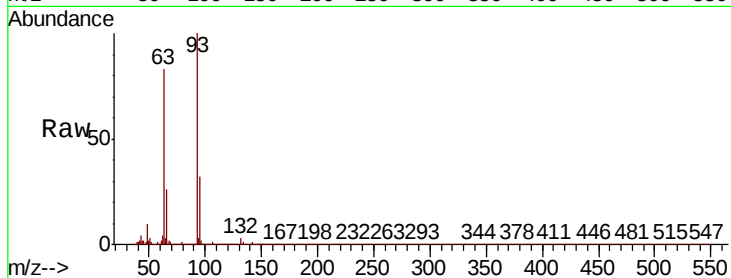




#11
bis(2-Chloroethyl)ether
Concen: 42.952 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

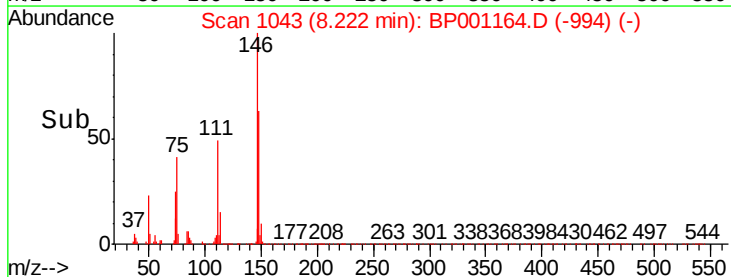
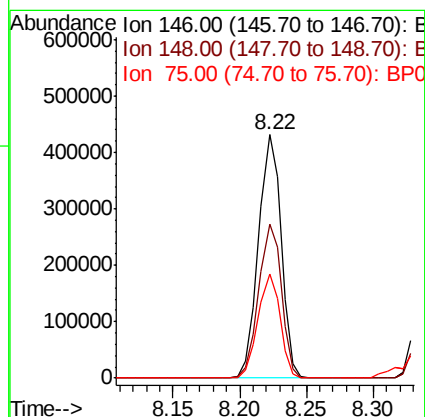
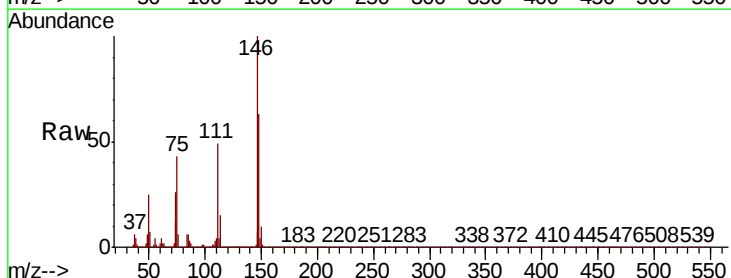
Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.0	60.7	100.7
95	32.3	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 40.059 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.1	76.7
75	43.0	31.3	46.9

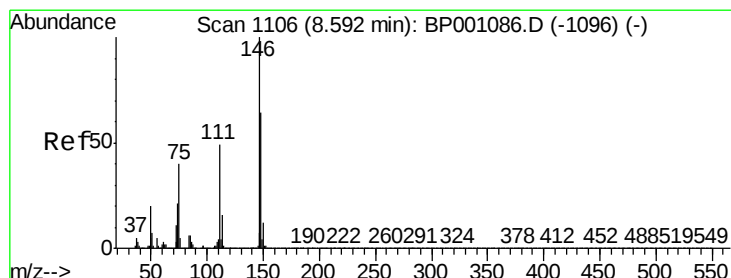
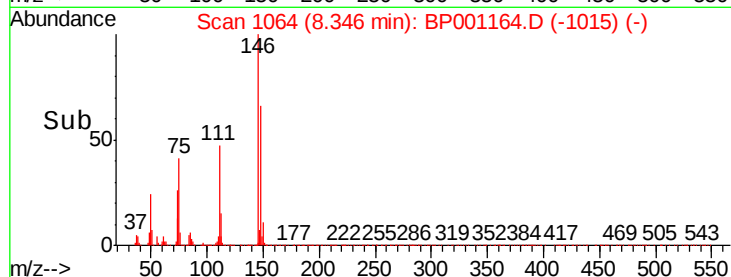
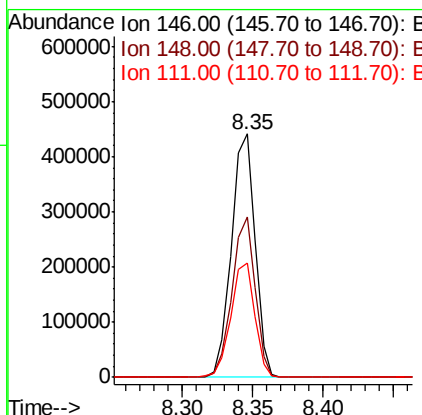
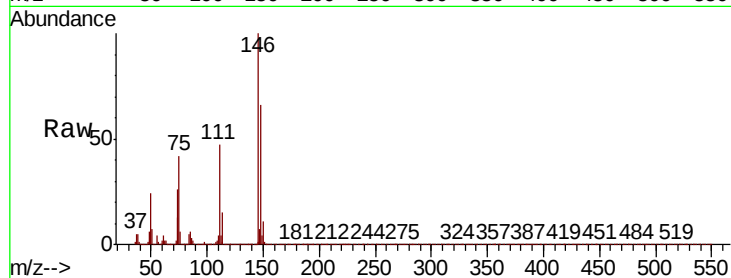




#13
1,4-Dichlorobenzene
Concen: 40.806 ng
RT: 8.35 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

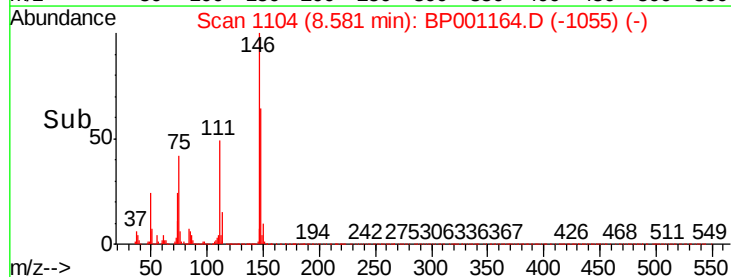
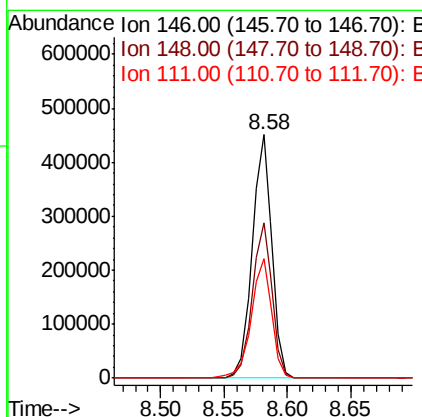
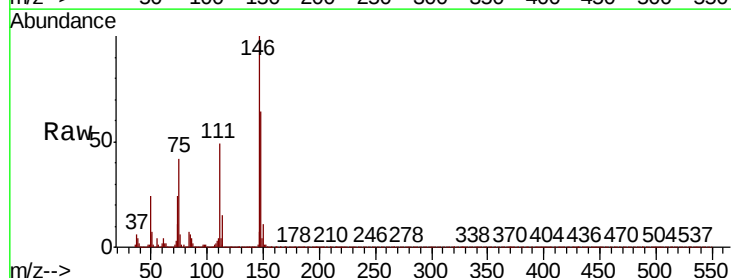
Instrument :
BNA_P
ClientSampled :

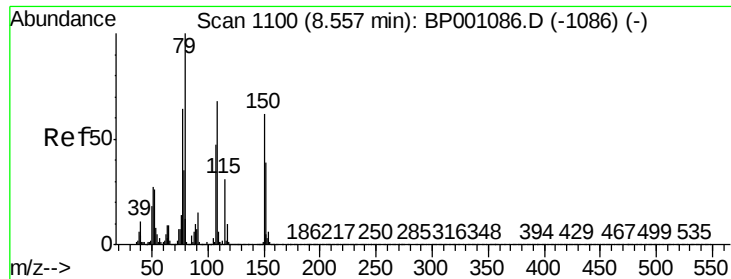
Tot Ion:146 Resp: 514429
Ion Ratio Lower Upper
146 100
148 65.7 51.6 77.4
111 47.1 37.0 55.6



#14
1,2-Dichlorobenzene
Concen: 41.085 ng
RT: 8.58 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

Tgt Ion:146 Resp: 487454
Ion Ratio Lower Upper
146 100
148 64.0 51.5 77.3
111 49.3 39.3 58.9

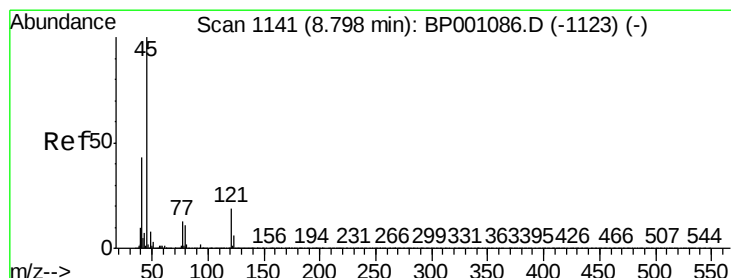
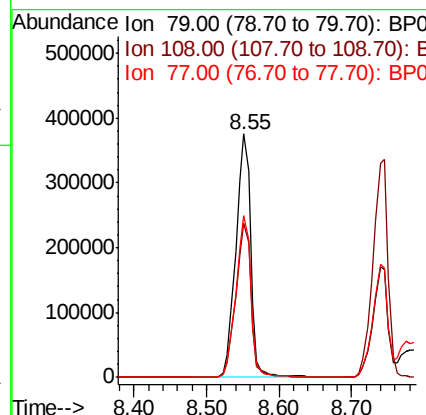
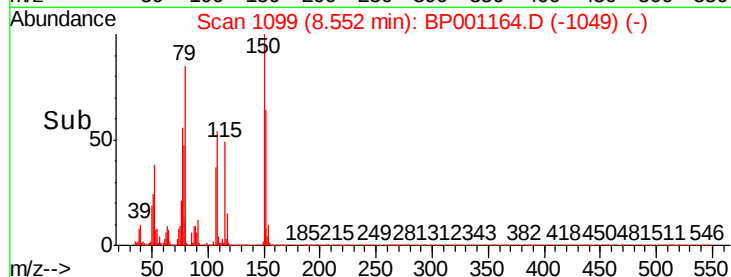
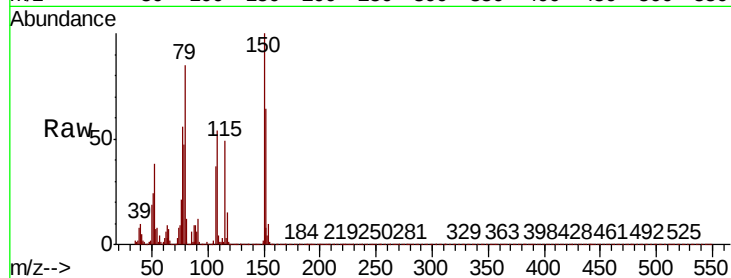




#15
Benzyl Alcohol
Concen: 48.252 ng
RT: 8.55 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

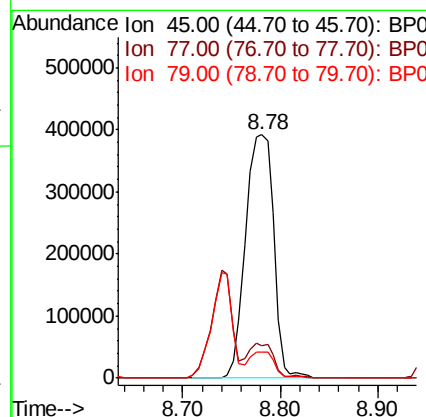
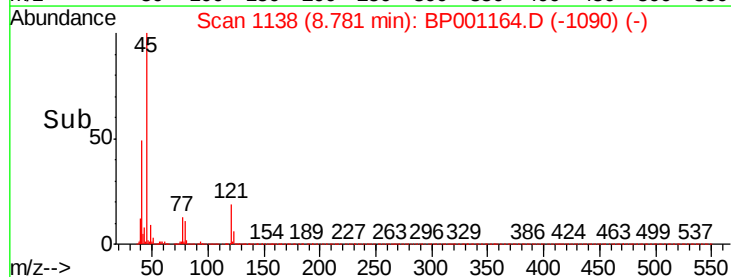
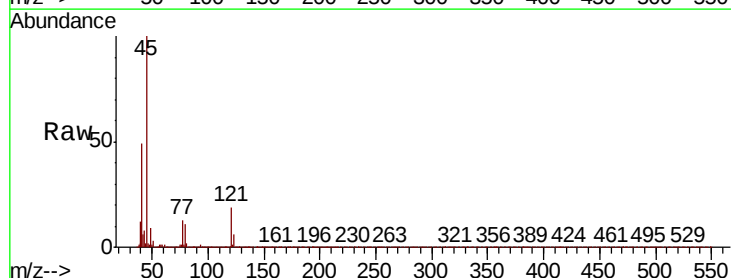
Instrument :
BNA_P
ClientSampleId :

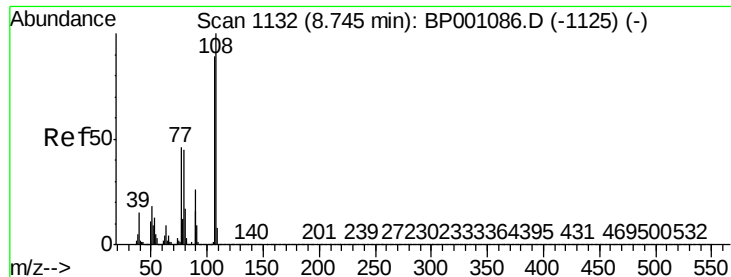
Tot Ion	Ratio	Lower	Upper
79	100		
108	63.5	54.8	82.2
77	66.2	51.4	77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.935 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.4	0.0	33.3
79	10.6	0.0	30.9

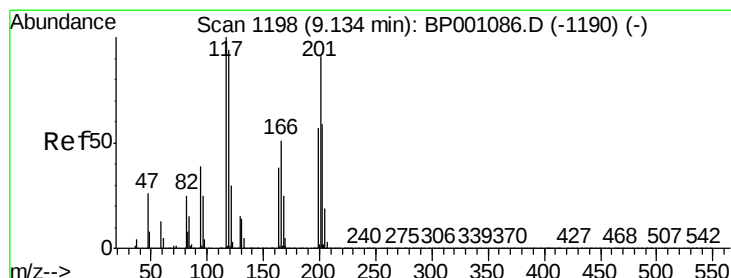
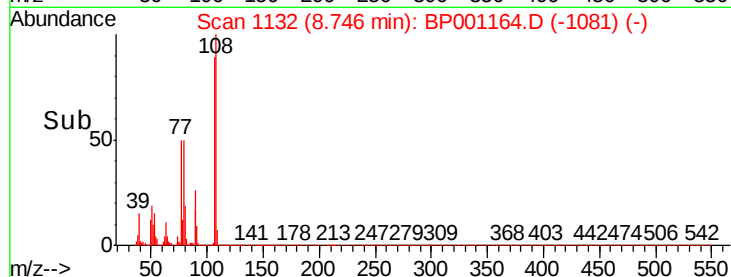
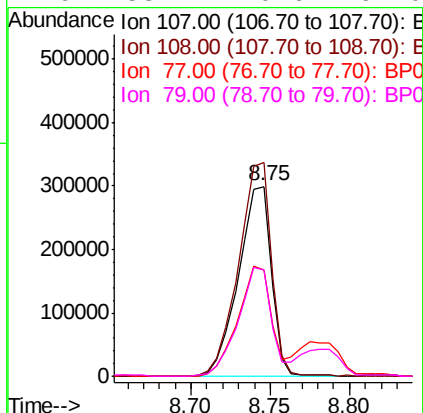
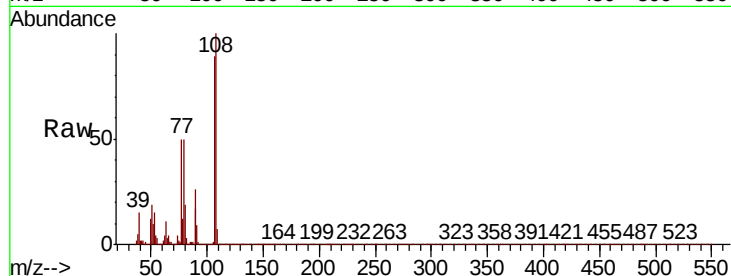




#17
2-Methylphenol
Concen: 44.501 ng
RT: 8.75 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

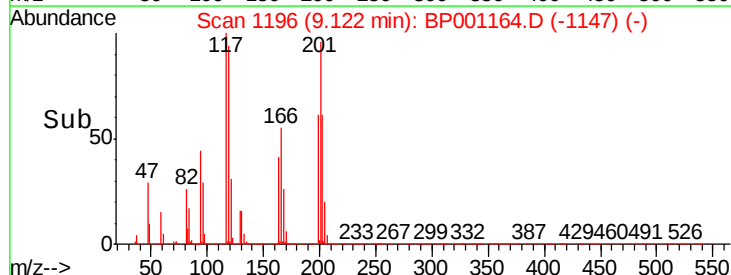
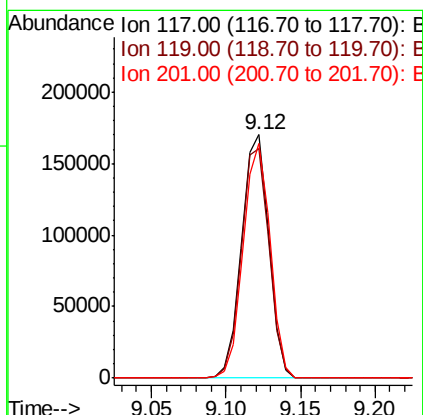
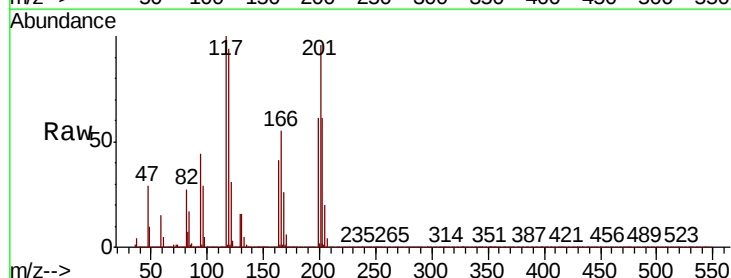
Instrument :
BNA_P
ClientSampleId :

Tot Ion:	107	Resp:	431002
Ion	Ratio	Lower	Upper
107	100		
108	112.5	89.8	134.6
77	56.2	41.4	62.2
79	55.7	40.6	61.0



#18
Hexachloroethane
Concen: 41.156 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

Tgt Ion:	117	Resp:	214629
Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.2	112.8
201	96.3	72.5	108.7

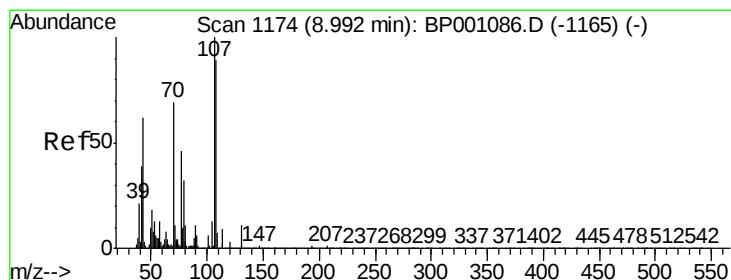
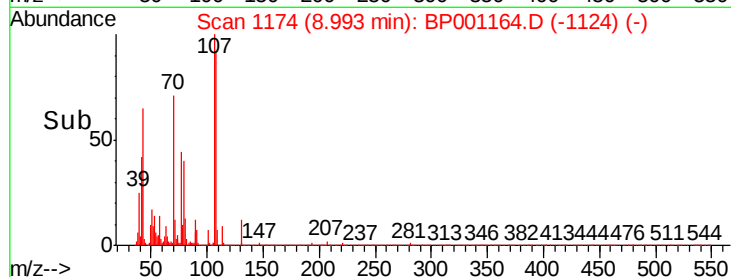
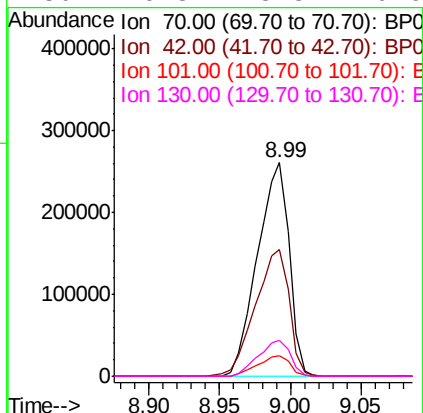
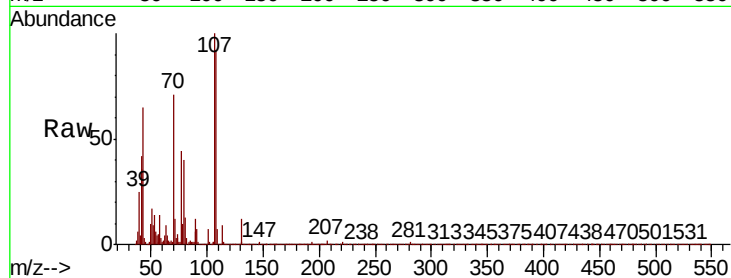




#19
n-Nitroso-di-n-propylamine
Concen: 42.088 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

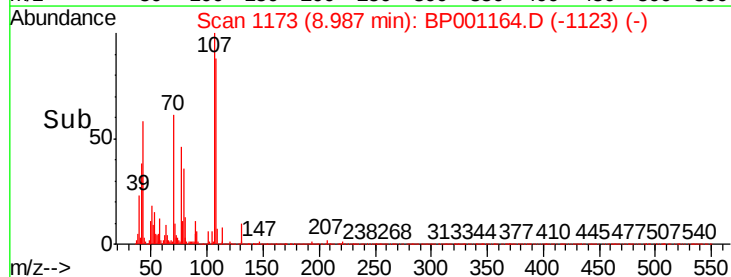
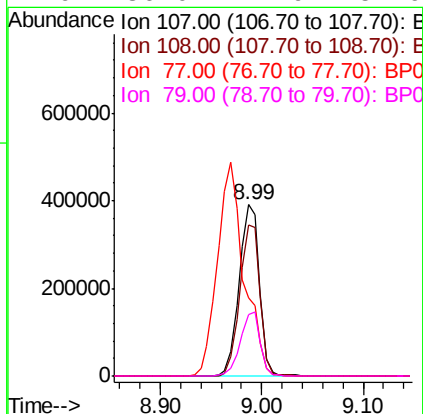
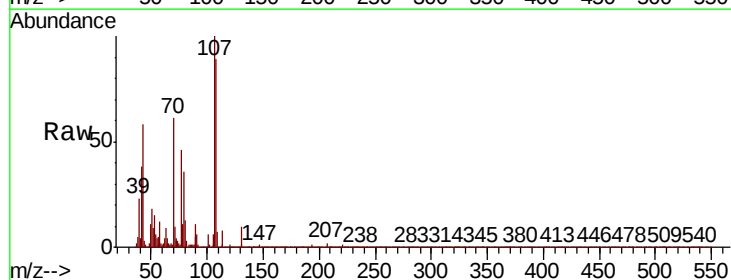
Instrument :
BNA_P
ClientSampleId :

Tot Ion:	70	Resp:	412894
Ion	Ratio	Lower	Upper
70	100		
42	59.3	44.6	66.8
101	9.6	7.1	10.7
130	16.8	13.8	20.6



#20
3+4-Methylphenols
Concen: 44.259 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

Tgt Ion:	107	Resp:	540343
Ion	Ratio	Lower	Upper
107	100		
108	88.6	68.9	108.9
77	46.0	25.9	65.9
79	36.0	11.9	51.9

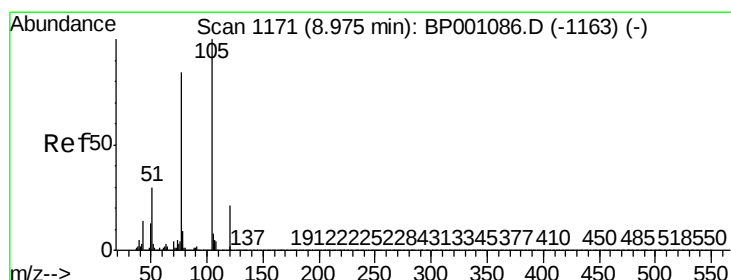
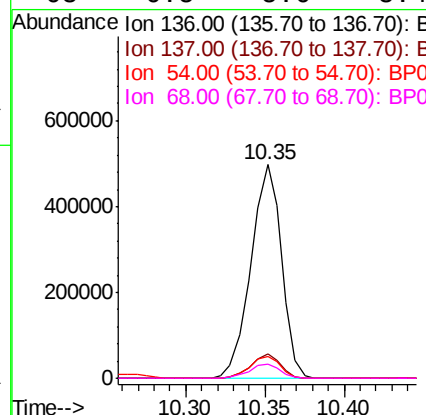
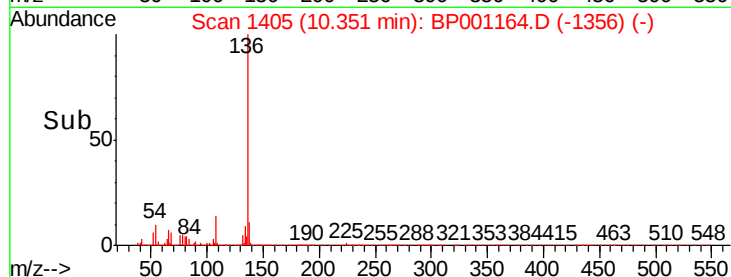
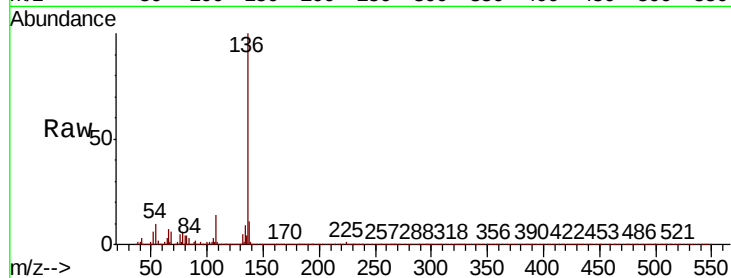




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

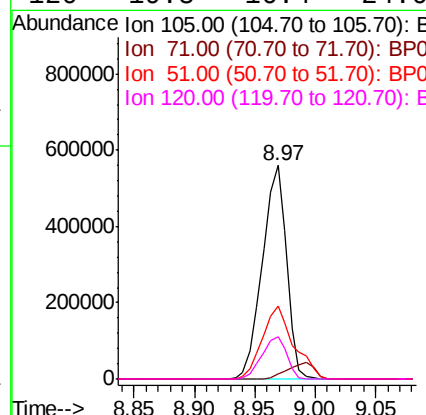
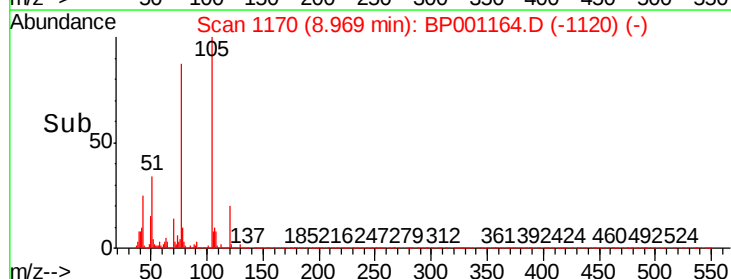
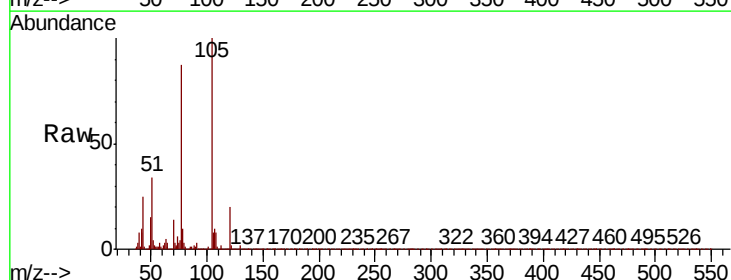
Instrument :
BNA_P
ClientSampleId :

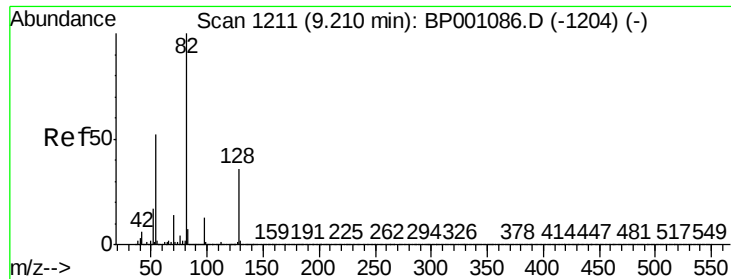
Tot Ion:136	Resp: 663774
Ion Ratio	Lower Upper
136 100	
137 11.4	8.8 13.2
54 10.2	7.9 11.9
68 6.5	5.6 8.4



#22
Acetophenone
Concen: 40.371 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

Tgt	Ion:105	Resp:	787607
Ion	Ratio	Lower	Upper
105	100		
71	2.5	0.5	0.7#
51	34.2	24.2	36.4
120	19.8	16.4	24.6

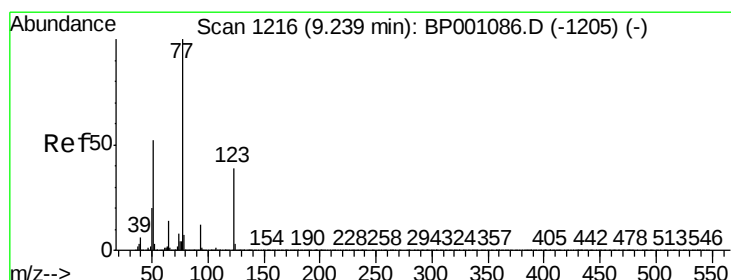
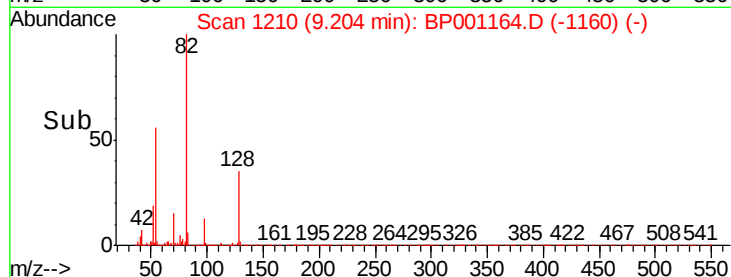
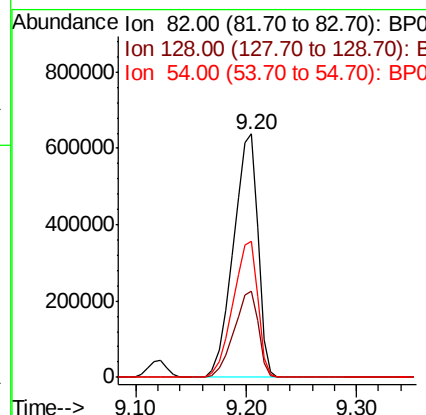
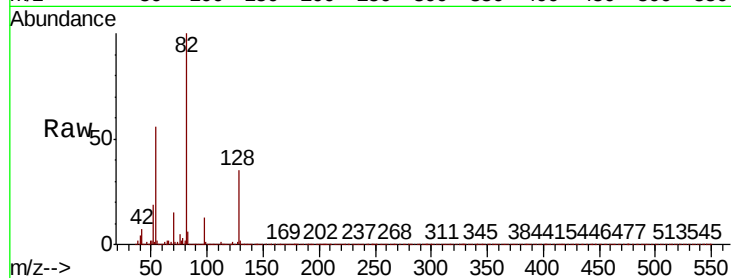




#23
Nitrobenzene-d5
Concen: 65.187 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

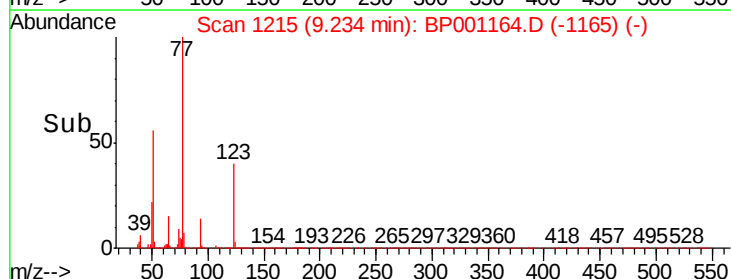
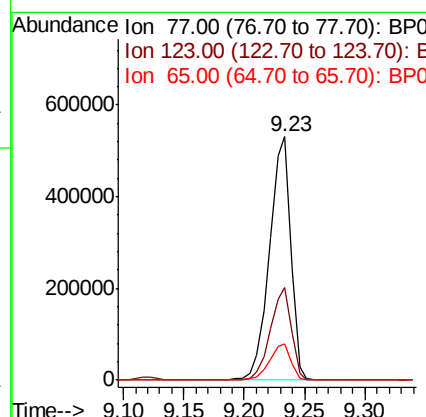
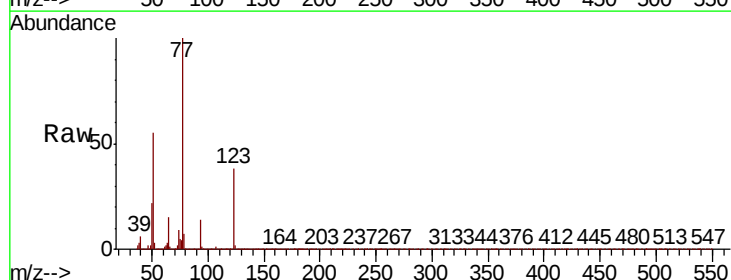
Instrument :
BNA_P
ClientSampleId :

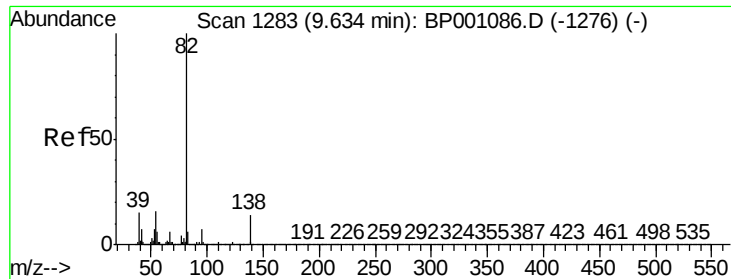
Tot Ion	82	Resp	997312
Ion Ratio	Lower	Upper	
82	100		
128	35.4	28.9	43.3
54	56.0	41.9	62.9



#24
Nitrobenzene
Concen: 42.401 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

Tgt Ion	77	Resp	645058
Ion Ratio	Lower	Upper	
77	100		
123	38.2	31.0	46.4
65	14.8	11.0	16.6





#25

Isophorone

Concen: 41.195 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

Instrument :

BNA_P

ClientSampleId :

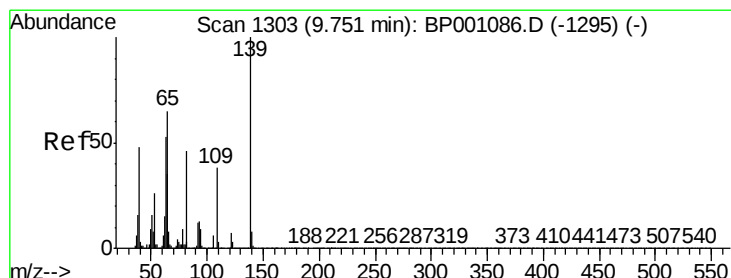
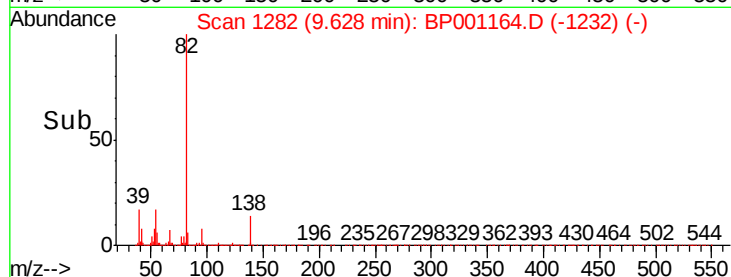
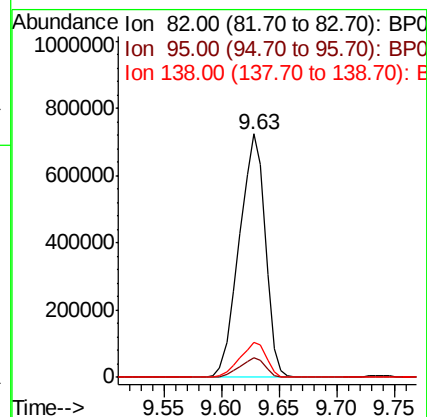
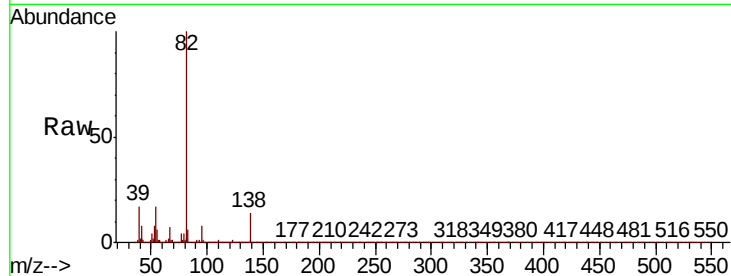
Tot Ion: 82 Resp: 1130183

Ion Ratio Lower Upper

82 100

95 8.1 5.7 8.5

138 14.3 11.3 16.9



#26

2-Nitrophenol

Concen: 45.352 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

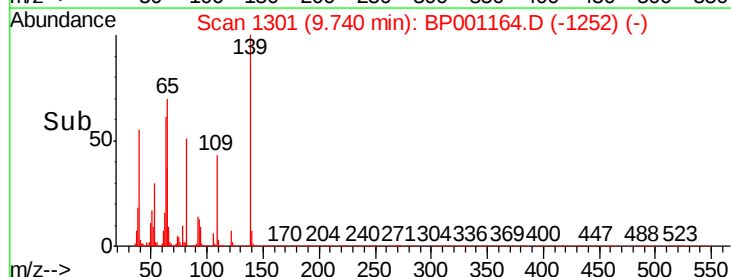
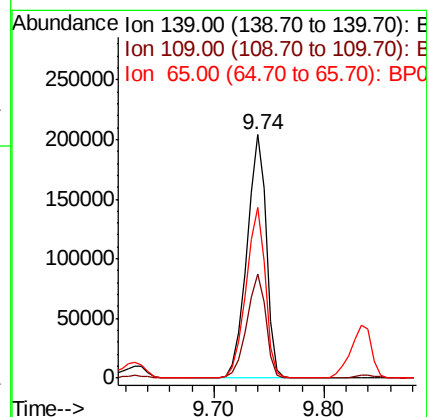
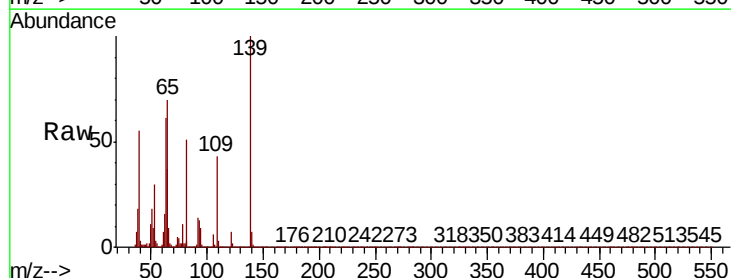
Tgt Ion: 139 Resp: 252722

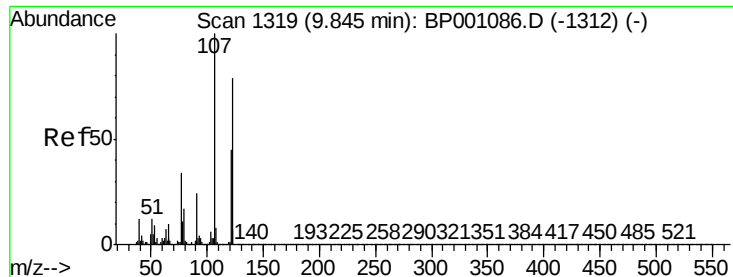
Ion Ratio Lower Upper

139 100

109 42.8 30.6 45.8

65 70.0 51.8 77.8





#27

2,4-Dimethylphenol

Concen: 47.751 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

Instrument :

BNA_P

ClientSampleId :

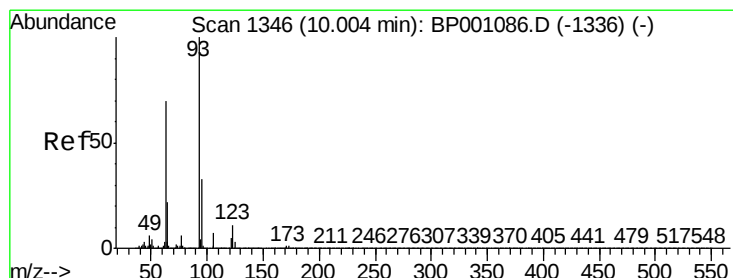
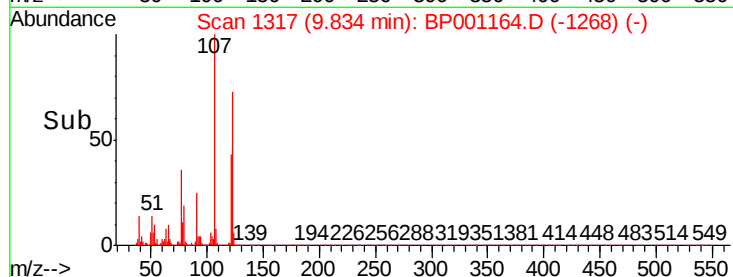
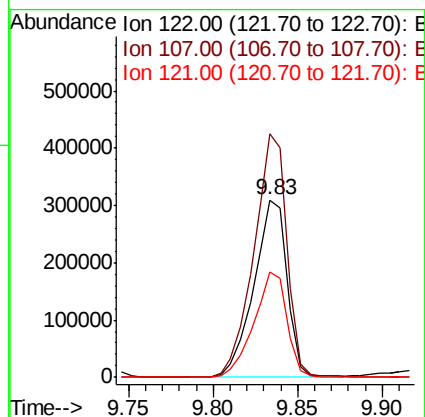
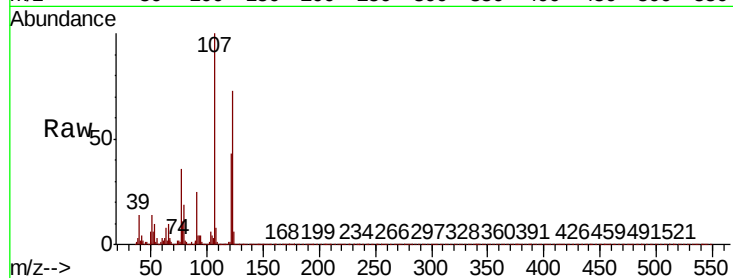
Tot Ion:122 Resp: 421482

Ion Ratio Lower Upper

122 100

107 137.4 101.9 152.9

121 59.7 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 37.398 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

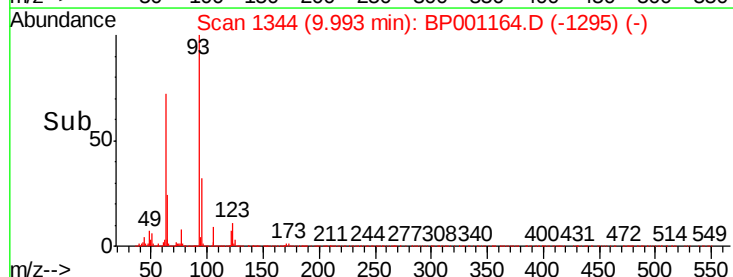
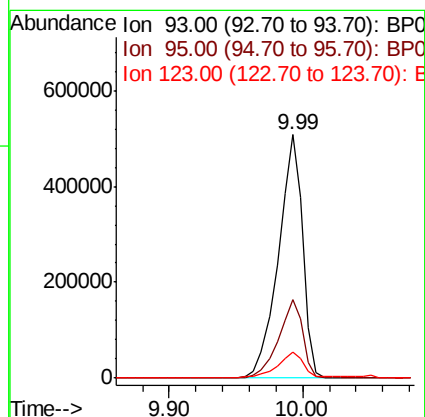
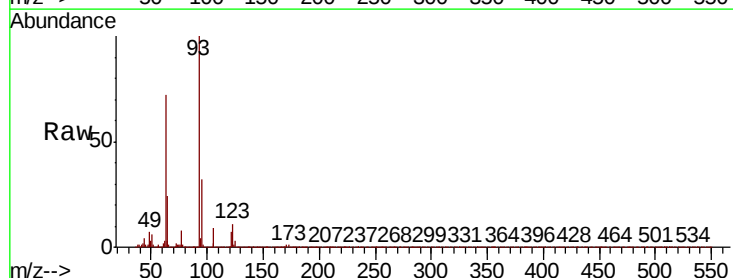
Tgt Ion: 93 Resp: 643740

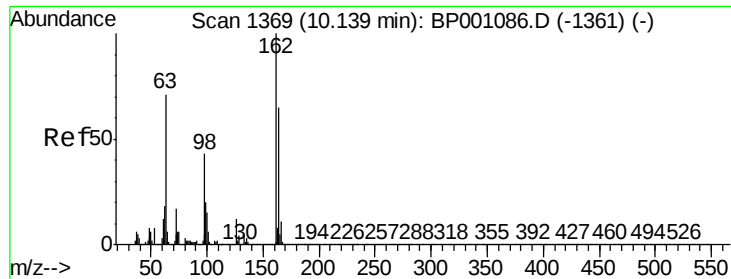
Ion Ratio Lower Upper

93 100

95 32.1 26.0 39.0

123 10.9 8.9 13.3

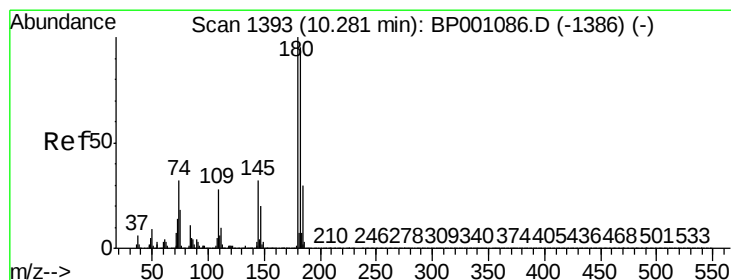
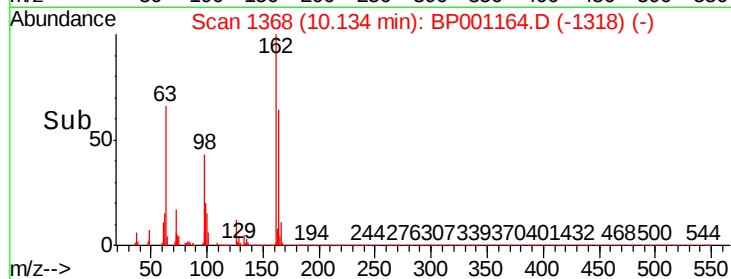
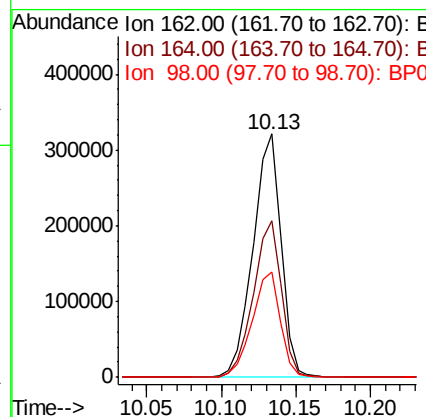
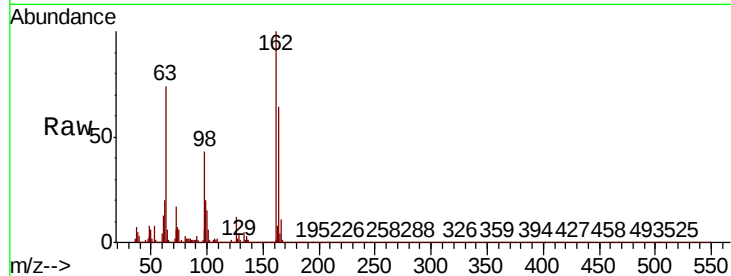




#29
2,4-Dichlorophenol
Concen: 41.582 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

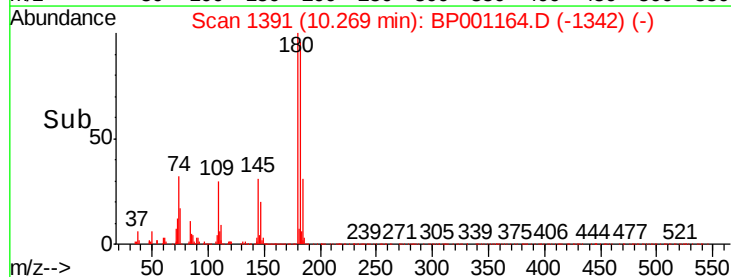
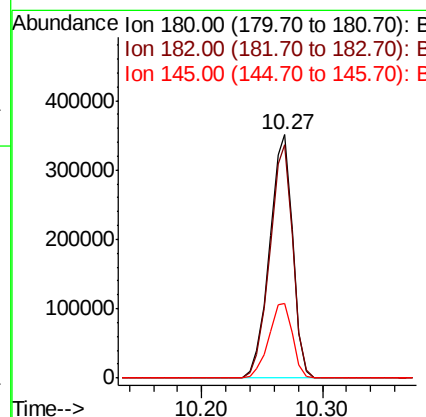
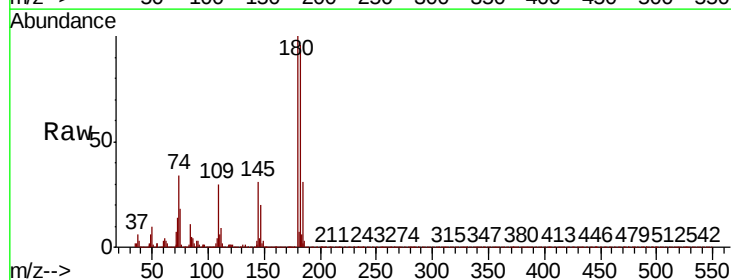
Instrument :
BNA_P
ClientSampleId :

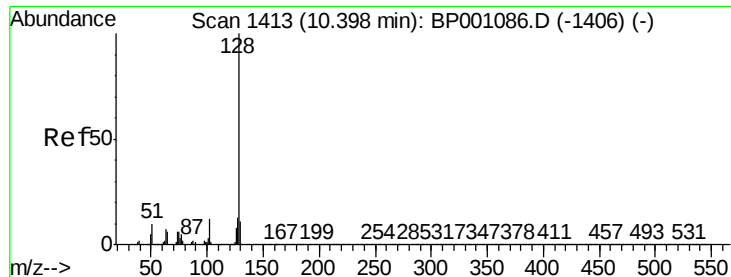
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	45.1	85.1
98	43.2	23.4	63.4



#30
1,2,4-Trichlorobenzene
Concen: 39.769 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.3	114.5
145	30.6	25.4	38.2

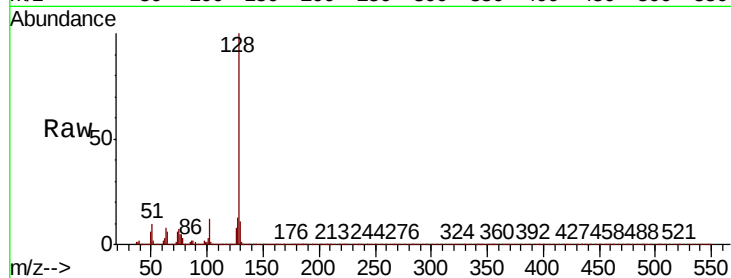




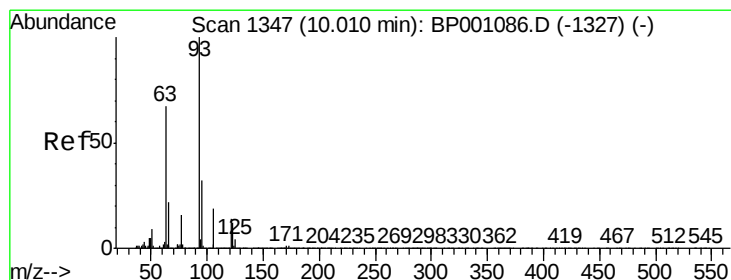
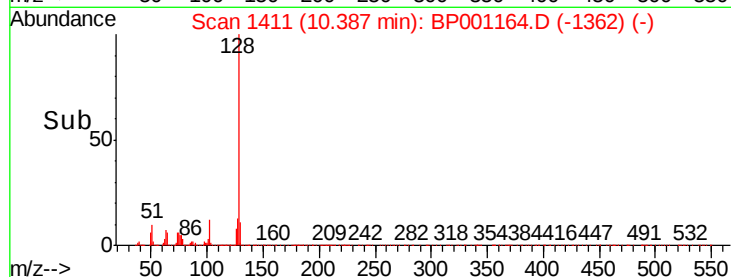
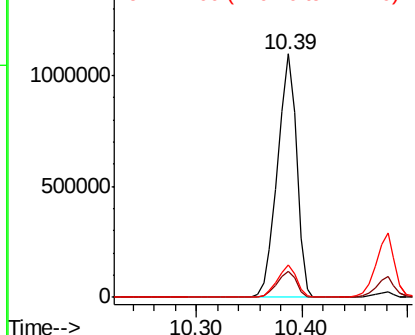
#31
Naphthalene
Concen: 40.113 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

Instrument :
BNA_P
ClientSampled :

Tot Ion:128 Resp: 1359870
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.4 10.6 16.0

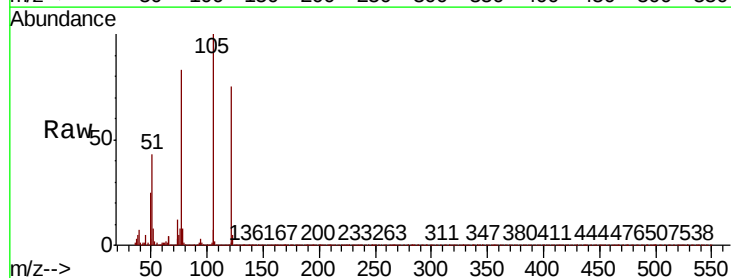


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

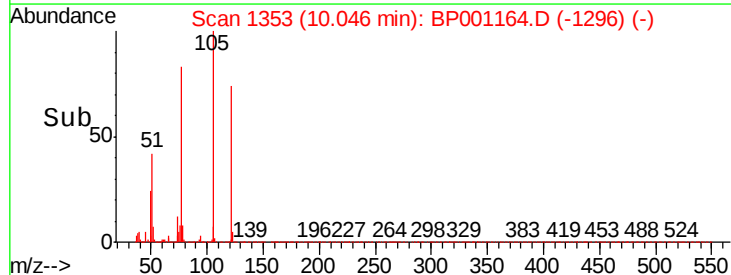
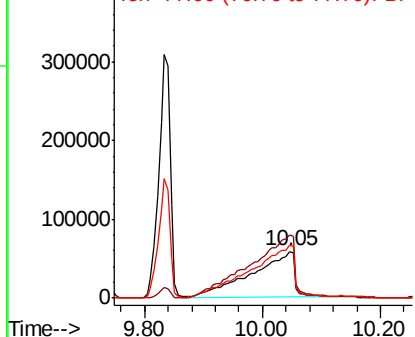


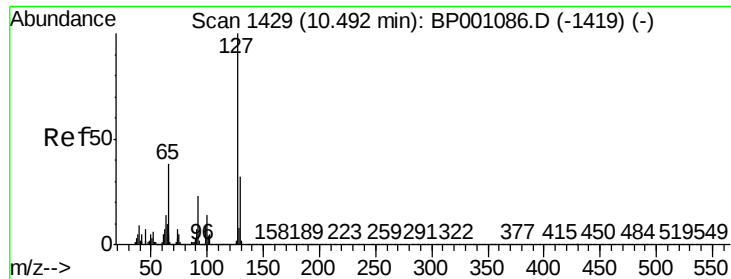
#32
Benzoic acid
Concen: 45.965 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.04 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

Tgt Ion:122 Resp: 293319
Ion Ratio Lower Upper
122 100
105 134.0 116.8 156.8
77 111.9 95.0 135.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BPO

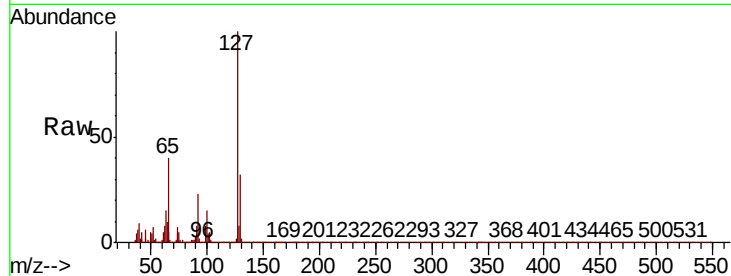




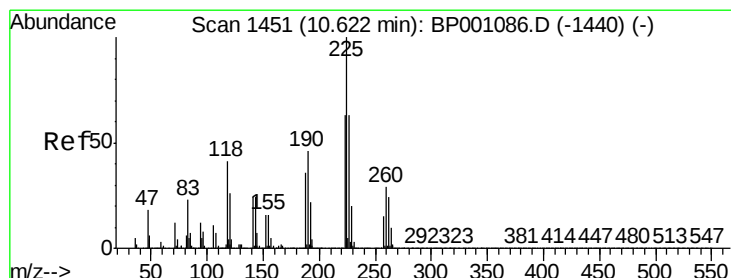
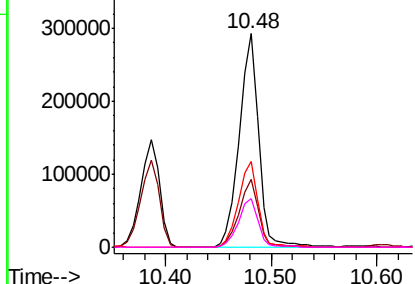
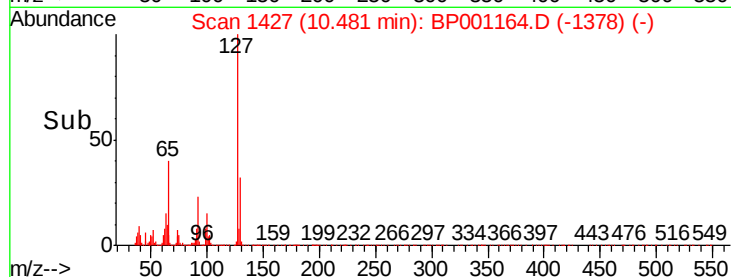
#33
4-Chloroaniline
Concen: 25.080 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

Instrument :
BNA_P
ClientSampled :

Tot Ion:	127	Resp:	368955
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.5	38.3
65	40.3	30.6	46.0
92	23.1	18.5	27.7

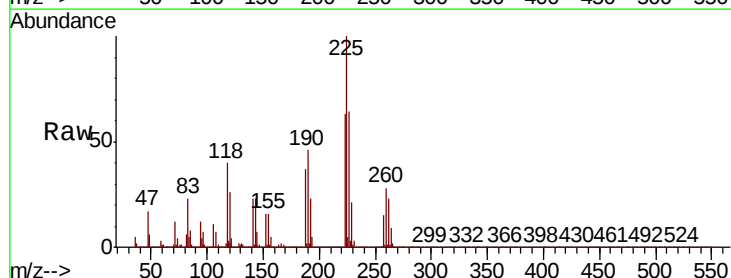


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BP0
Ion 92.00 (91.70 to 92.70): BP0

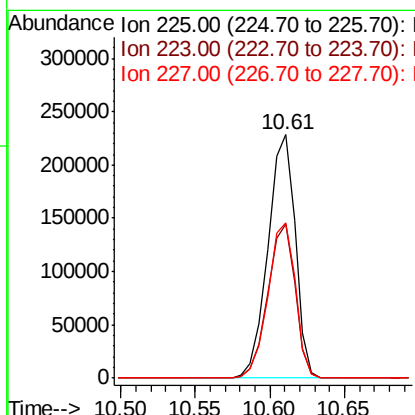
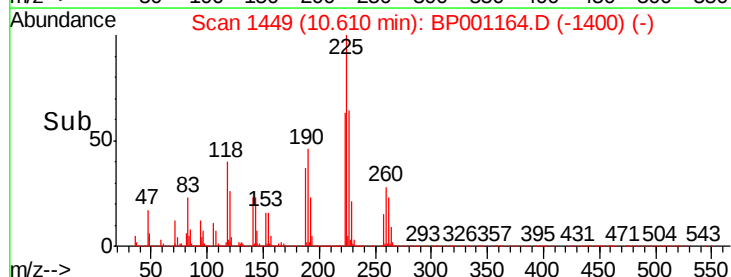


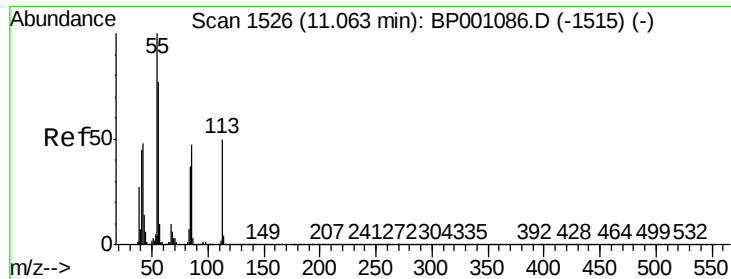
#34
Hexachlorobutadiene
Concen: 39.321 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

Tgt Ion:	225	Resp:	290244
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.0	75.0
227	63.8	50.0	75.0



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

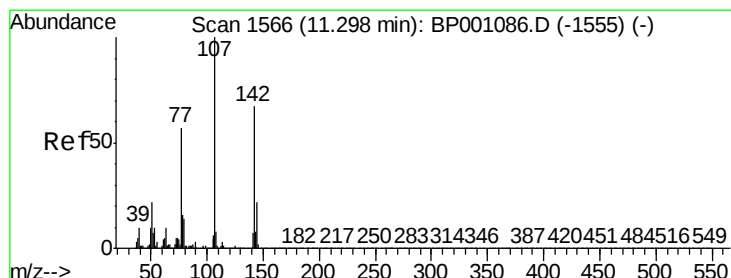
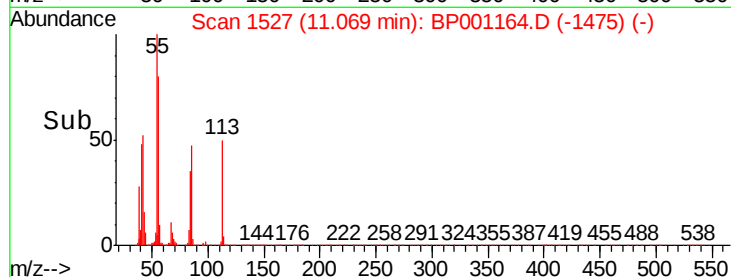
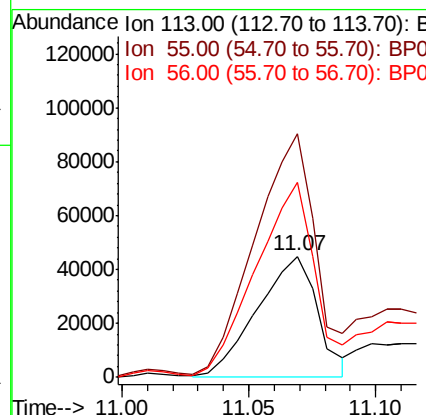
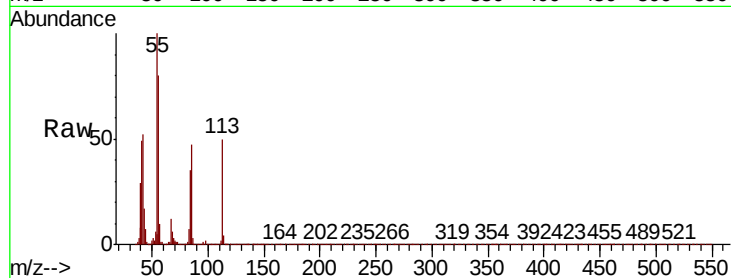




#35
 Caprolactam
 Concen: 21.493 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. 0.01 min
 Lab File: BP001164.D
 Acq: 03 Dec 2019 19:39

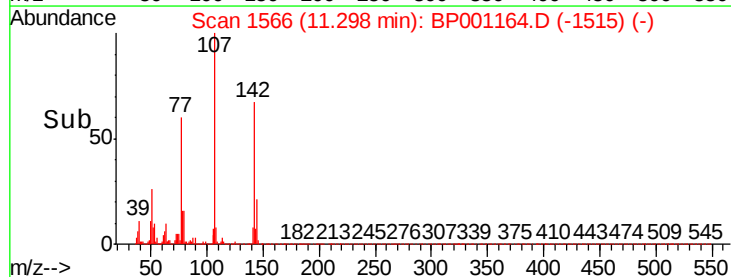
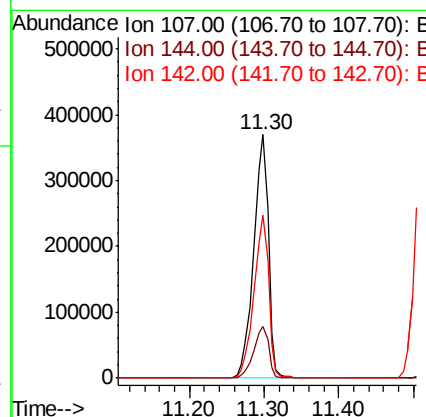
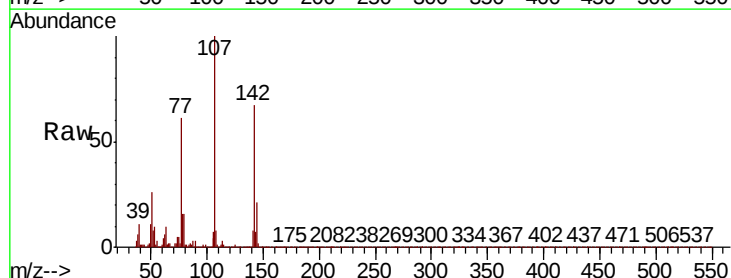
Instrument :
 BNA_P
 ClientSampled :

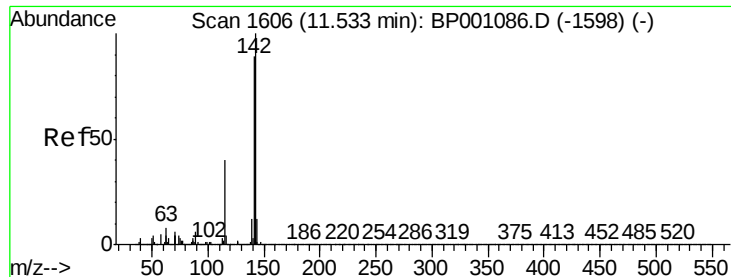
Tot Ion:113 Resp: 74415
 Ion Ratio Lower Upper
 113 100
 55 200.7 181.2 221.2
 56 160.4 134.7 174.7



#36
 4-Chloro-3-methylphenol
 Concen: 42.379 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BP001164.D
 Acq: 03 Dec 2019 19:39

Tgt Ion:107 Resp: 504777
 Ion Ratio Lower Upper
 107 100
 144 21.3 17.5 26.3
 142 66.9 53.3 79.9

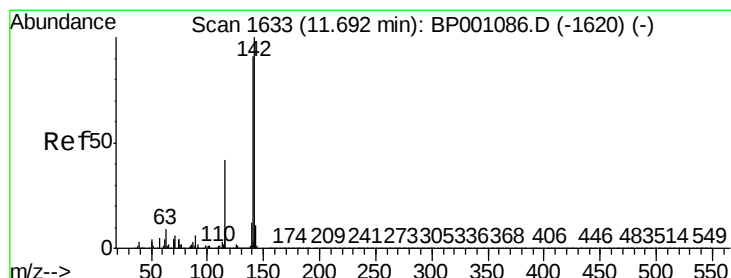
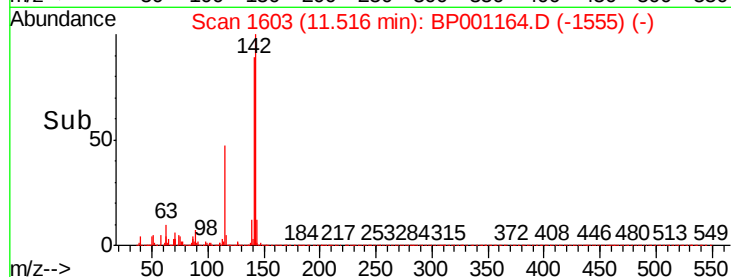
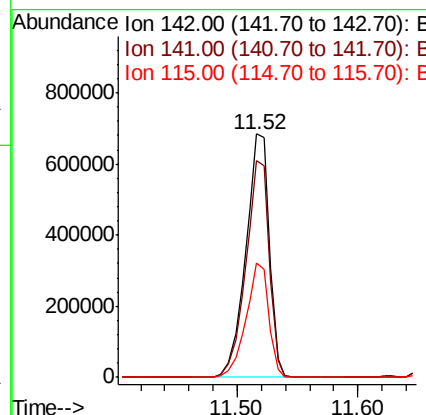
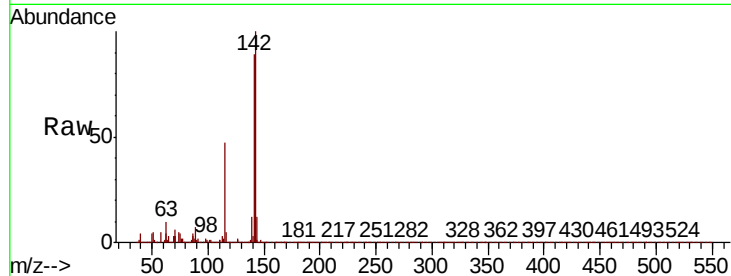




#37
2-Methylnaphthalene
Concen: 40.232 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.02 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

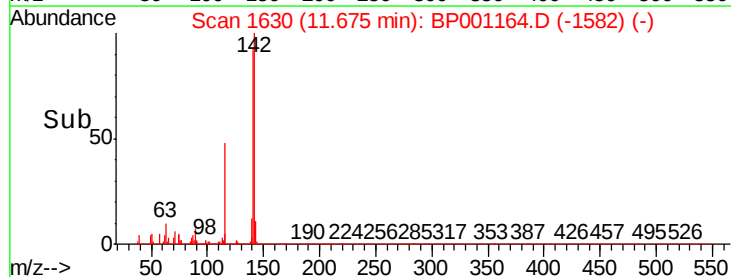
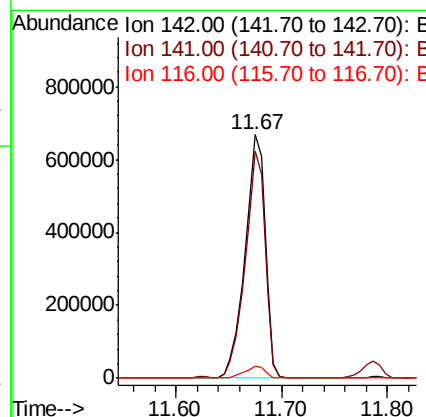
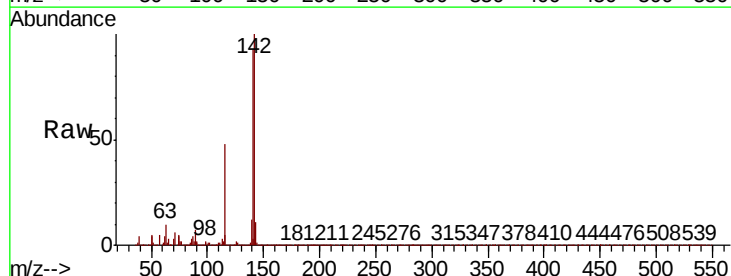
Instrument :
BNA_P
ClientSampleId :

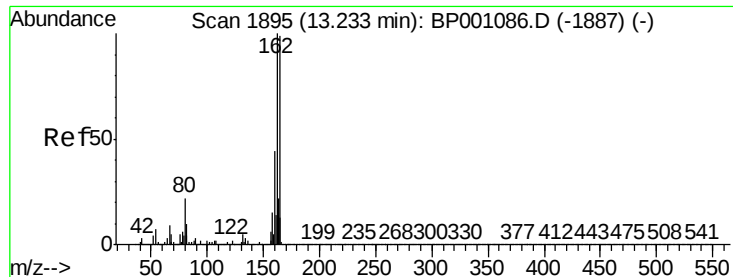
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.1	106.7
115	46.8	32.3	48.5



#38
1-Methylnaphthalene
Concen: 40.199 ng
RT: 11.67 min Scan# 1630
Delta R.T. -0.02 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.0	109.4
116	4.9	3.4	5.2

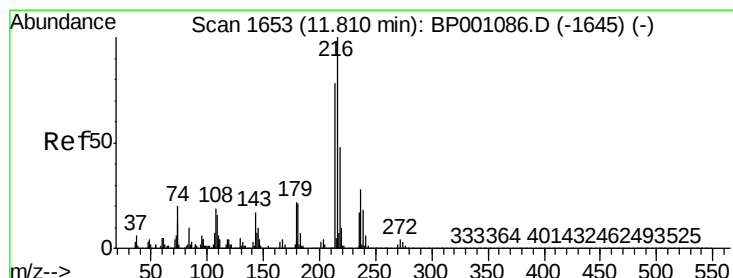
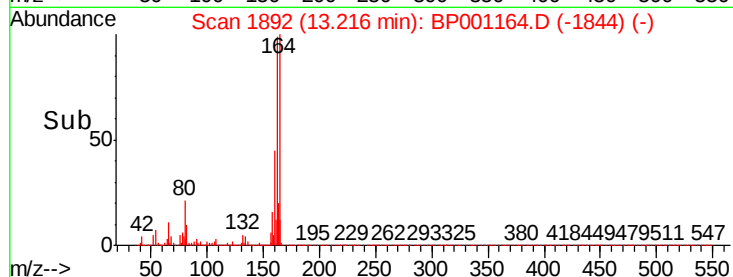
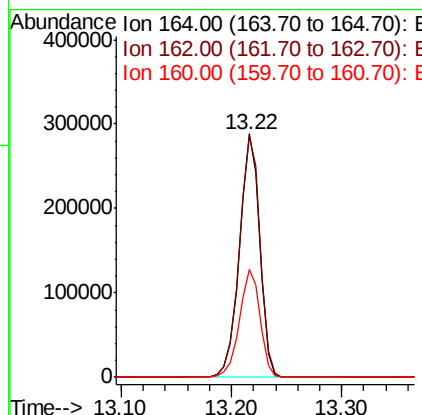
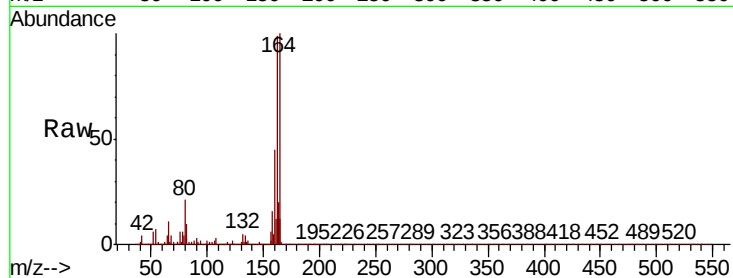




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.22 min Scan# 1892
Delta R.T. -0.02 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

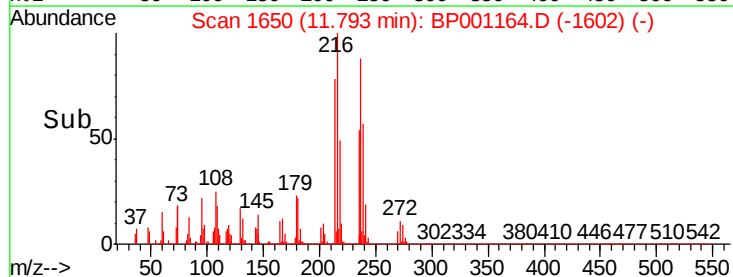
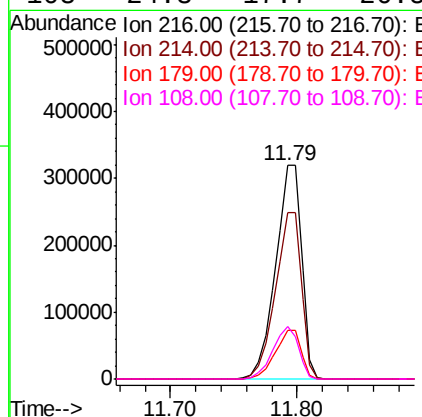
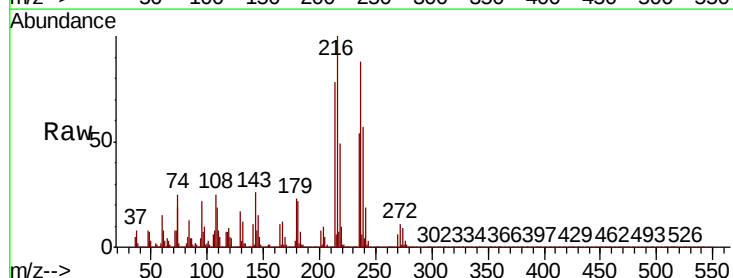
Instrument :
BNA_P
ClientSampleId :

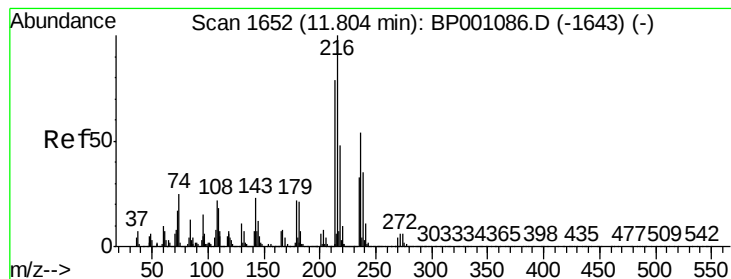
Tot Ion	Ratio	Lower	Upper
164	100		
162	99.1	80.6	120.8
160	44.5	35.4	53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.783 ng
RT: 11.79 min Scan# 1650
Delta R.T. -0.02 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.9	62.8	94.2
179	22.7	17.6	26.4
108	24.3	17.7	26.5





#41

Hexachlorocyclopentadiene

Concen: 75.135 ng

RT: 11.79 min Scan# 1649

Delta R.T. -0.02 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

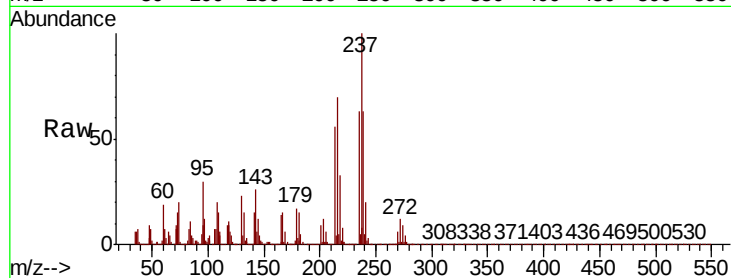
Instrument :

BNA_P

ClientSampleId :

Tot Ion:237 Resp: 405256

Ion	Ratio	Lower	Upper
237	100		
235	63.4	41.8	81.8
272	11.7	0.0	31.9

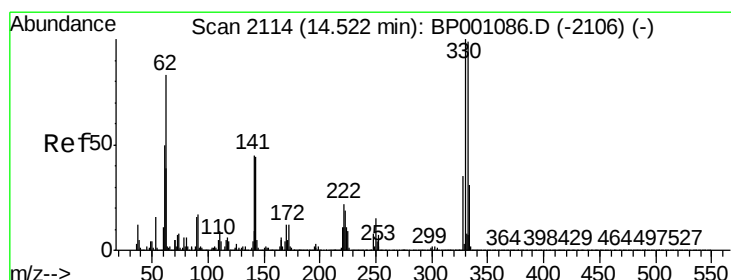
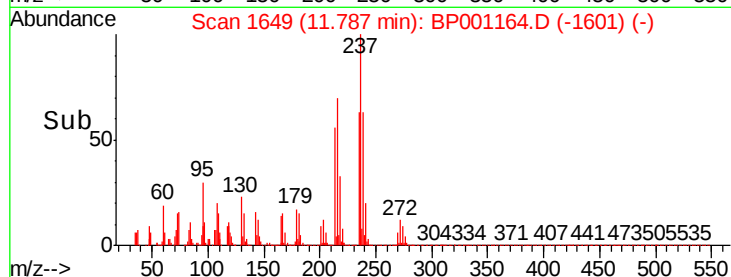
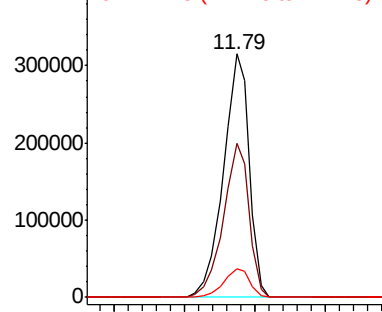


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 120.984 ng

RT: 14.52 min Scan# 2113

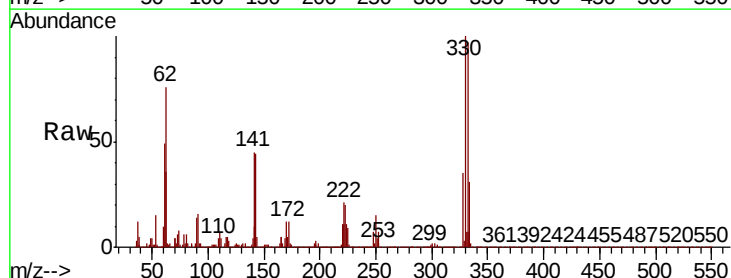
Delta R.T. -0.01 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

Tgt Ion:330 Resp: 430217

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.6	116.4
141	45.6	34.2	51.2

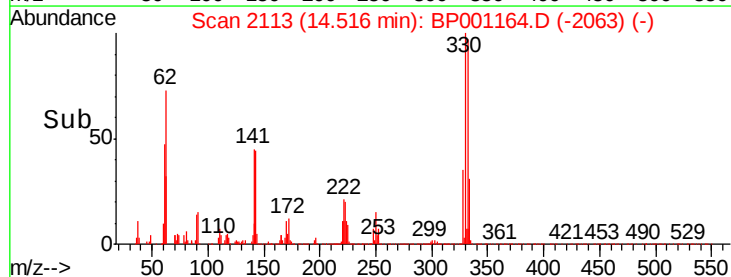
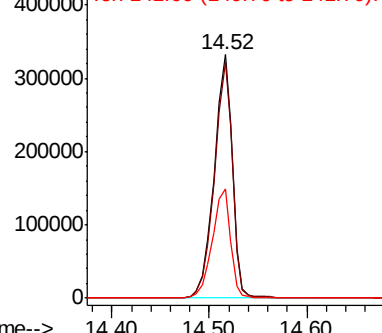


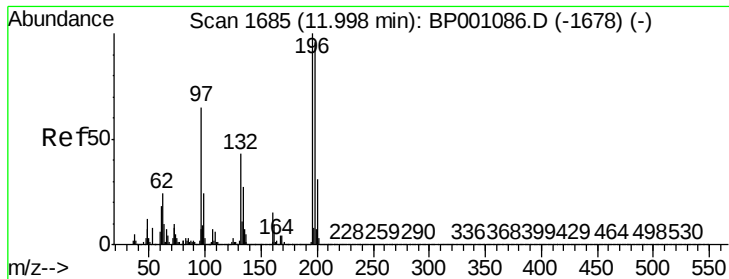
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

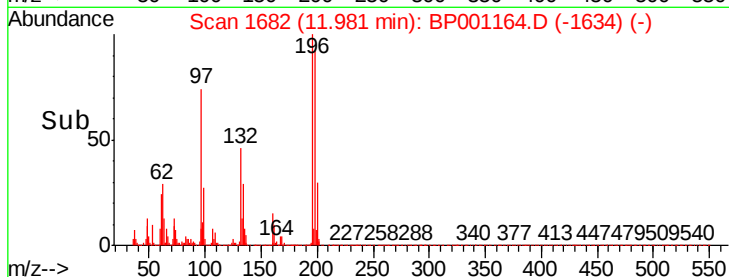
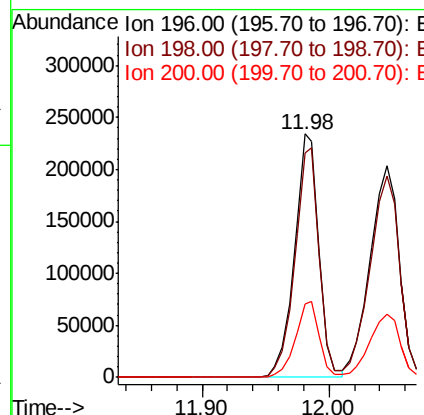
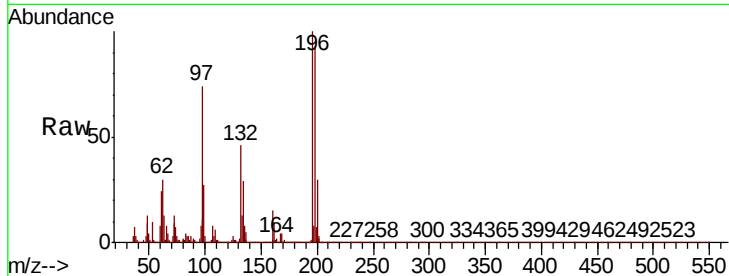




#43
 2,4,6-Trichlorophenol
 Concen: 41.075 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.02 min
 Lab File: BP001164.D
 Acq: 03 Dec 2019 19:39

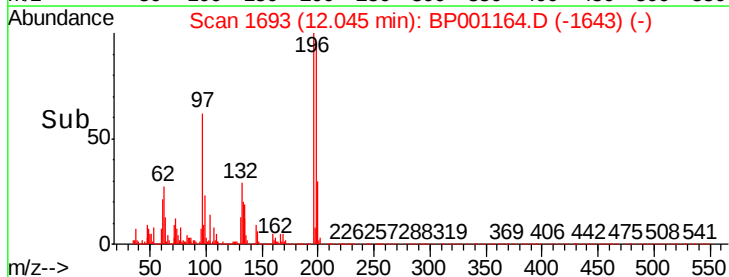
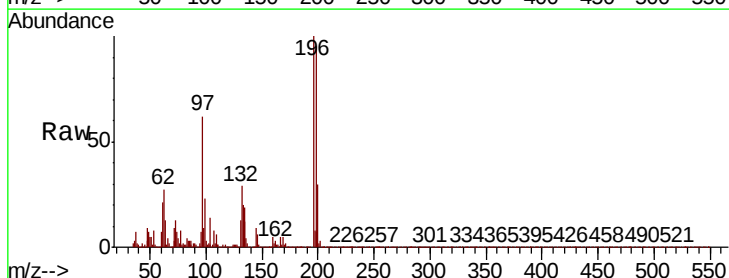
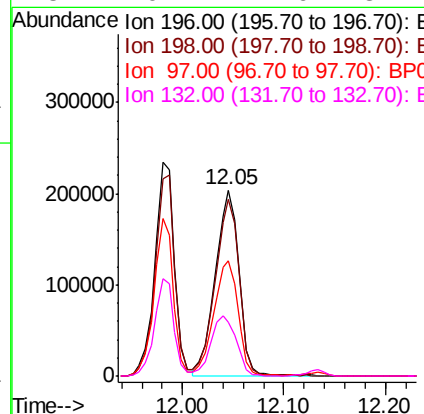
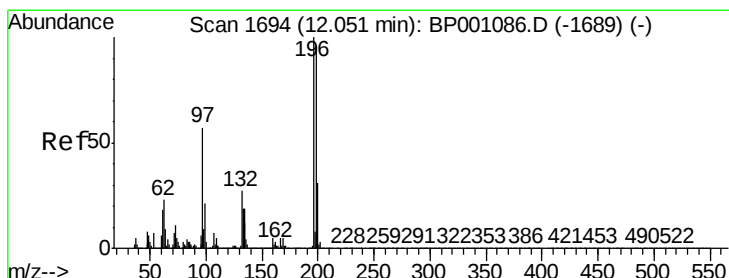
Instrument :
 BNA_P
 ClientSampleId :

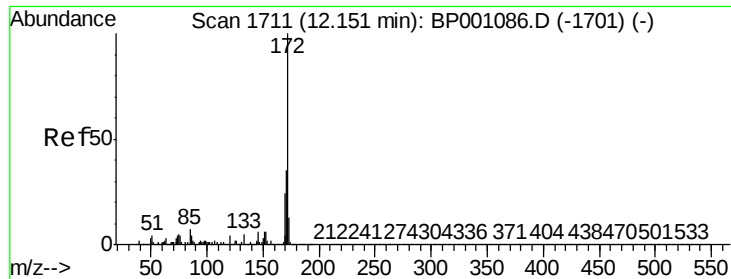
Tot Ion:196 Resp: 313562
 Ion Ratio Lower Upper
 196 100
 198 92.3 76.7 115.1
 200 30.4 24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 41.680 ng
 RT: 12.05 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BP001164.D
 Acq: 03 Dec 2019 19:39

Tgt Ion:196 Resp: 329670
 Ion Ratio Lower Upper
 196 100
 198 94.8 76.8 115.2
 97 62.0 46.1 69.1
 132 29.1 21.6 32.4

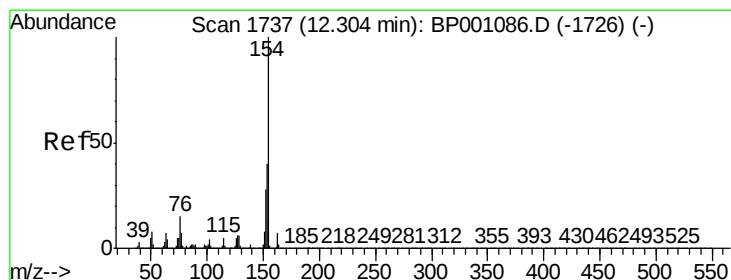
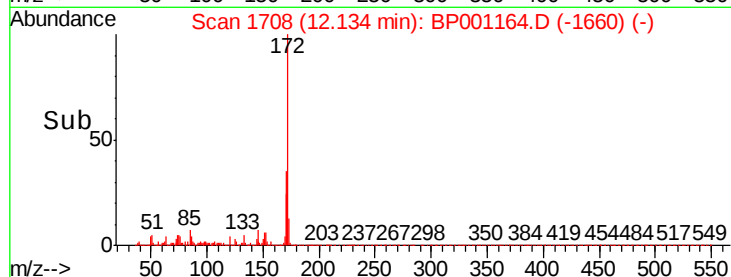
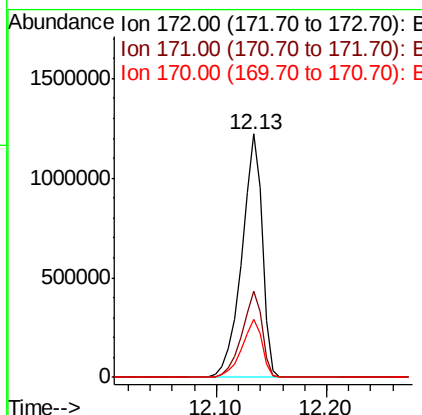
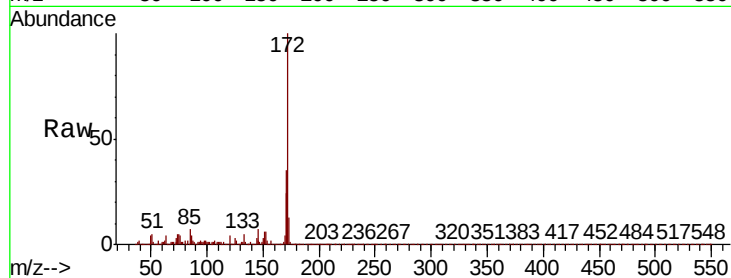




#45
2-Fluorobiphenyl
Concen: 62.440 ng
RT: 12.13 min Scan# 1708
Delta R.T. -0.02 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

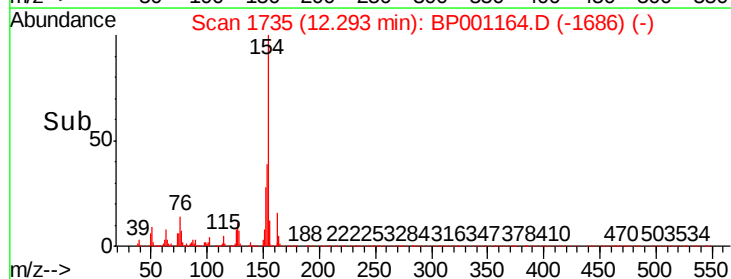
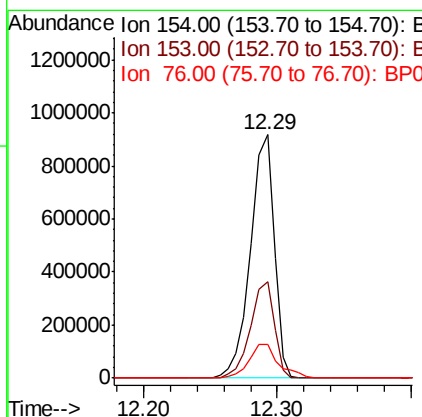
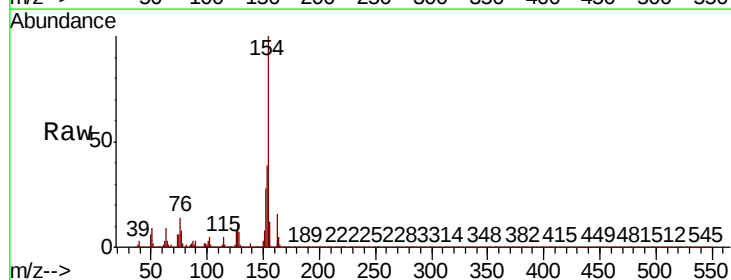
Instrument :
BNA_P
ClientSampleId :

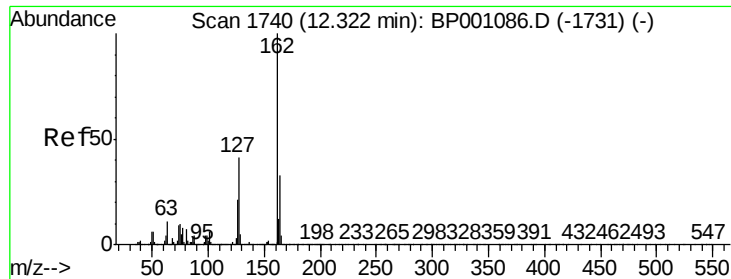
Tot Ion:172 Resp: 1582754
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.7 19.0 28.4



#46
1,1'-Biphenyl
Concen: 39.070 ng
RT: 12.29 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

Tgt Ion:154 Resp: 1120198
Ion Ratio Lower Upper
154 100
153 39.4 20.2 60.2
76 14.0 0.0 34.5

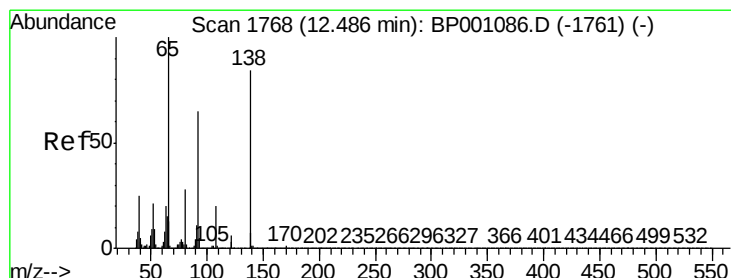
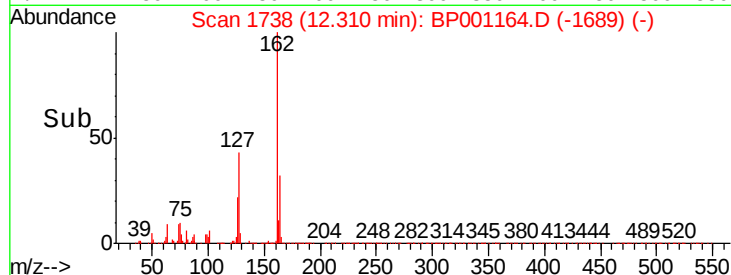
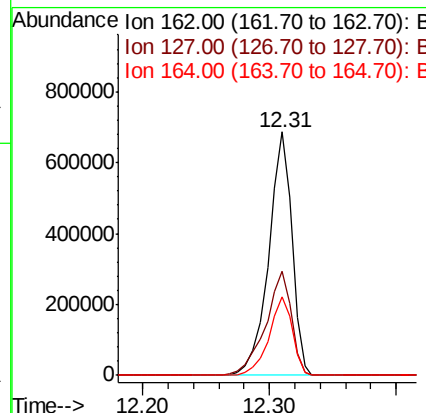
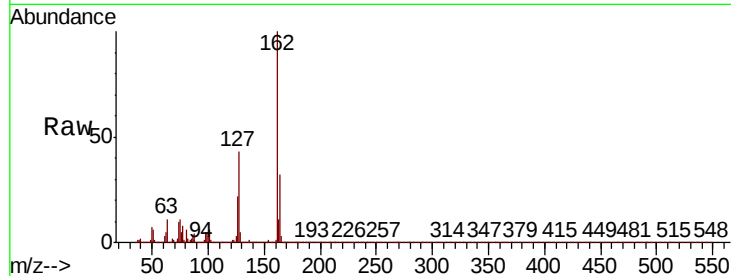




#47
2-Chloronaphthalene
Concen: 38.041 ng
RT: 12.31 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

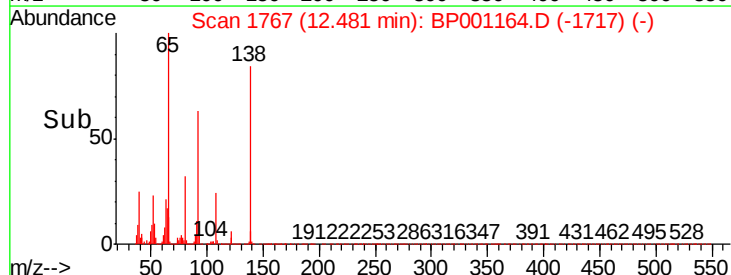
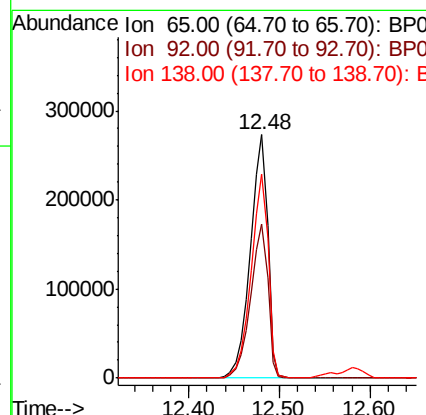
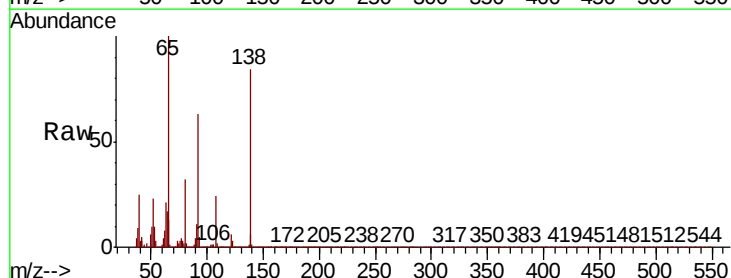
Instrument :
BNA_P
ClientSampleId :

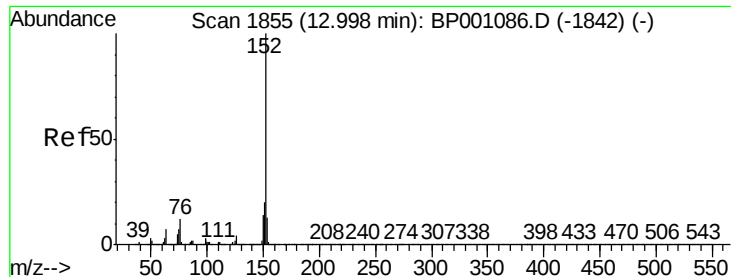
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.7	33.0	49.6
164	32.3	26.7	40.1



#48
2-Nitroaniline
Concen: 40.319 ng
RT: 12.48 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.3	51.6	77.4
138	83.5	67.3	100.9





#49

Acenaphthylene

Concen: 40.233 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

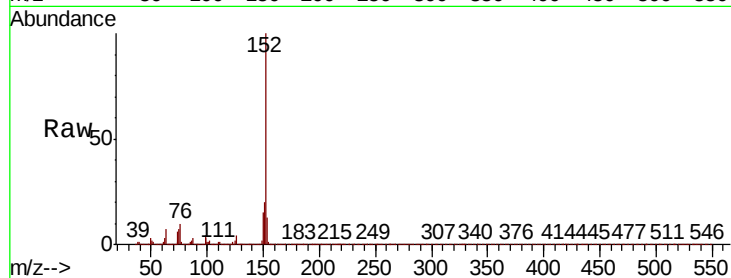
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 1381180

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.8
153	12.9	10.2	15.4

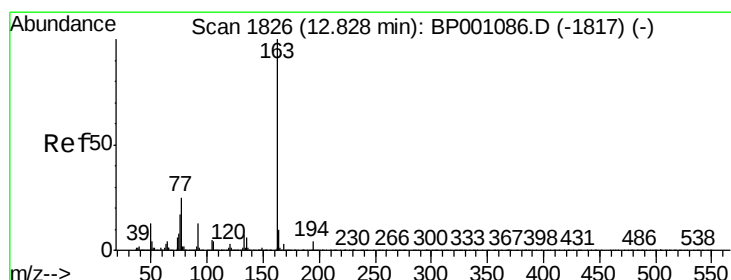
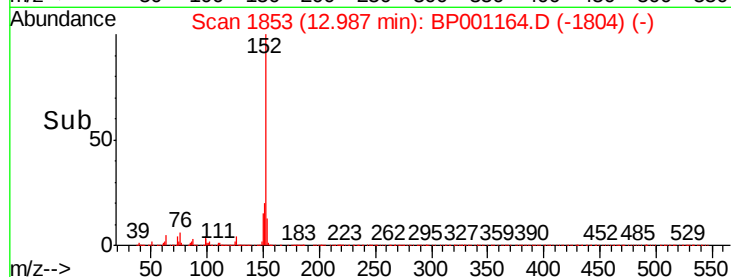
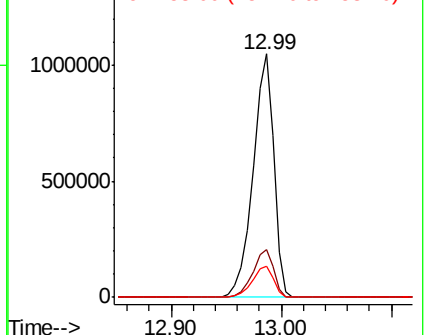


Abundance

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: 38.346 ng

RT: 12.82 min Scan# 1824

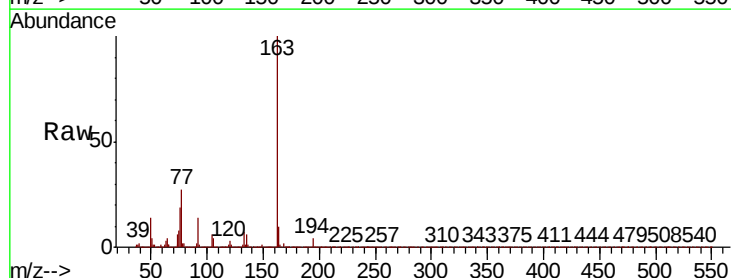
Delta R.T. -0.01 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

Tgt Ion:163 Resp: 1063968

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.2	8.1	12.1

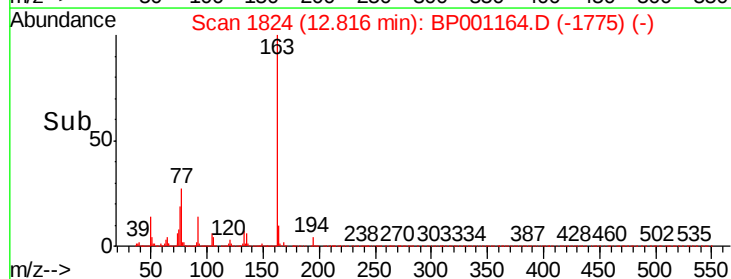
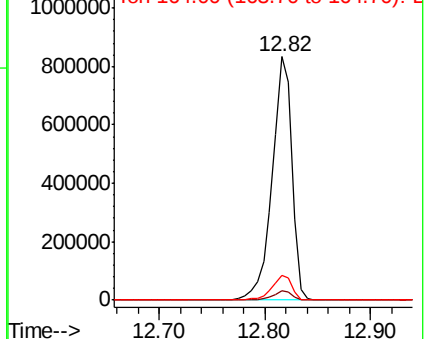


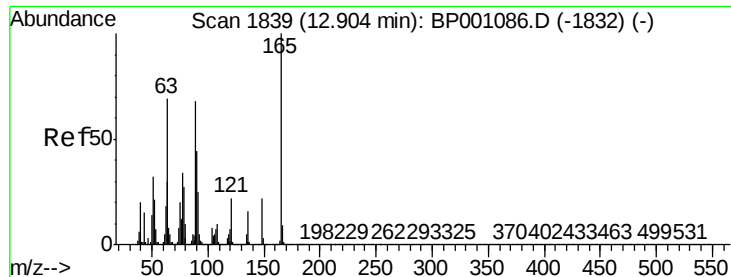
Abundance

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

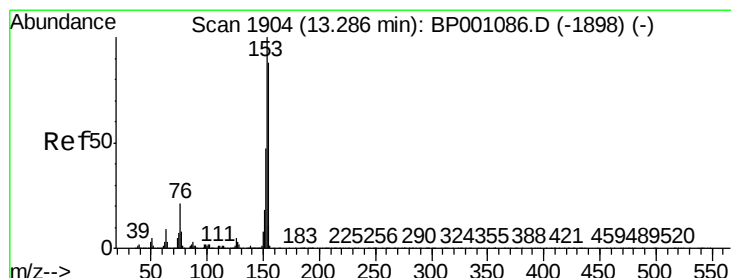
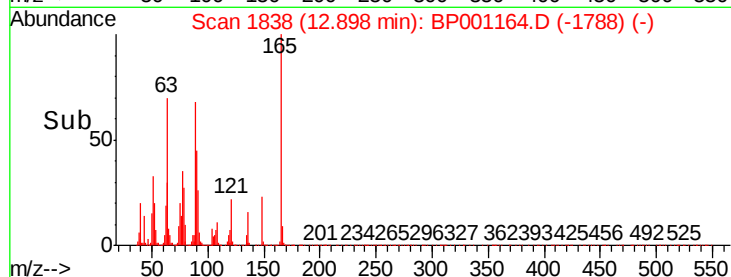
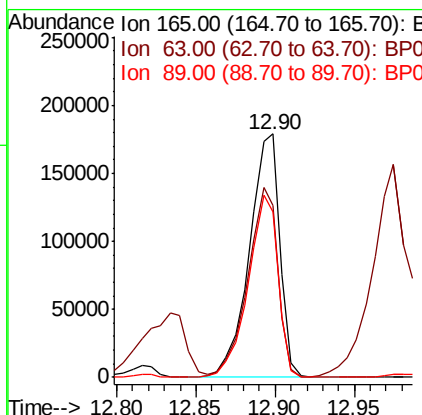
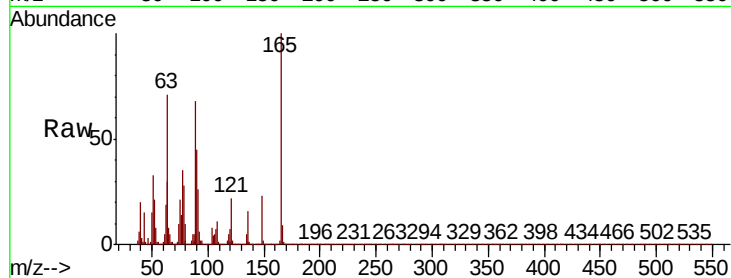




#51
2,6-Dinitrotoluene
Concen: 40.311 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

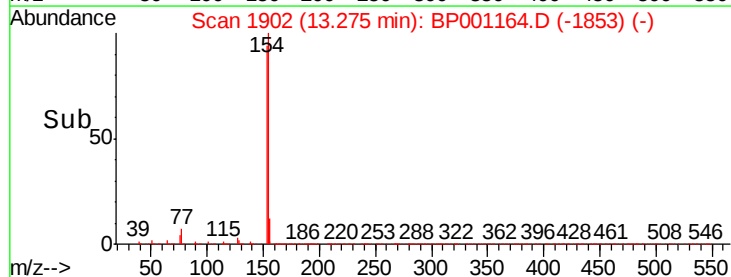
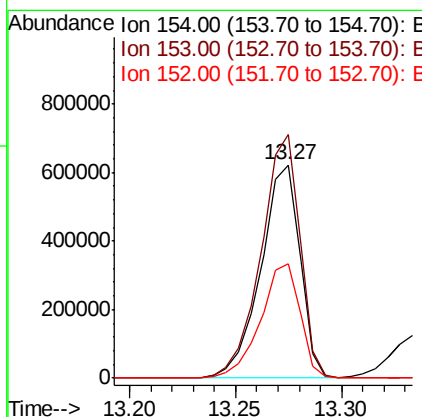
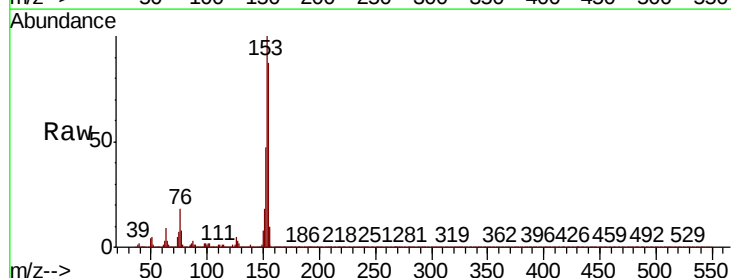
Instrument :
BNA_P
ClientSampleId :

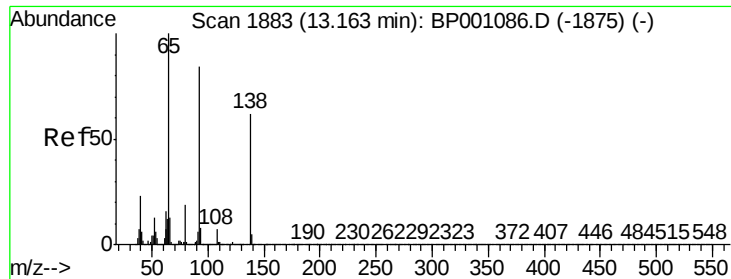
Tot Ion:165 Resp: 239431
Ion Ratio Lower Upper
165 100
63 70.5 55.6 83.4
89 68.2 54.1 81.1



#52
Acenaphthene
Concen: 38.837 ng
RT: 13.27 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

Tgt Ion:154 Resp: 801992
Ion Ratio Lower Upper
154 100
153 114.3 90.5 135.7
152 53.6 42.6 64.0

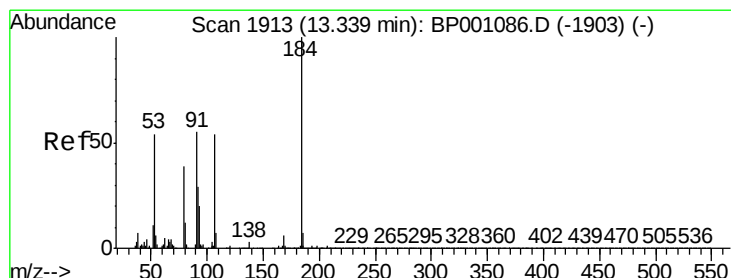
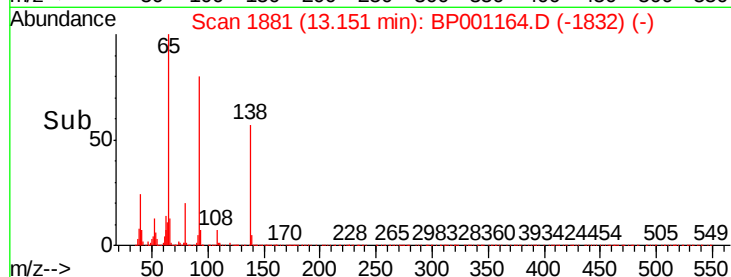
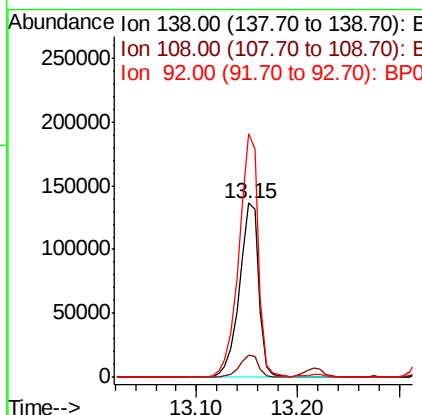
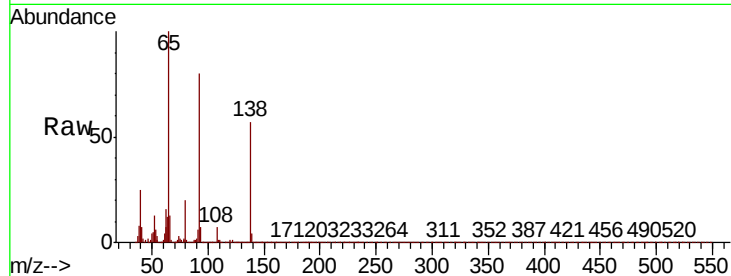




#53
3-Nitroaniline
Concen: 27.241 ng
RT: 13.15 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

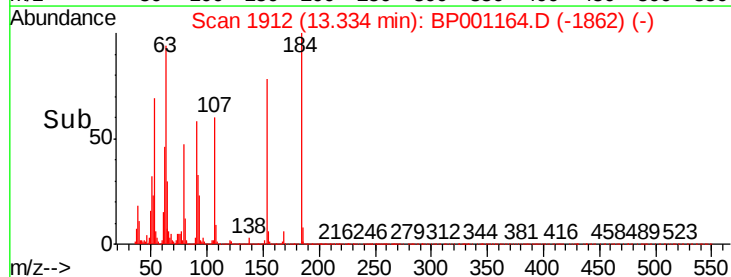
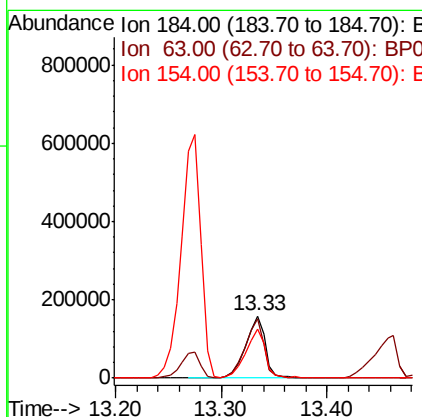
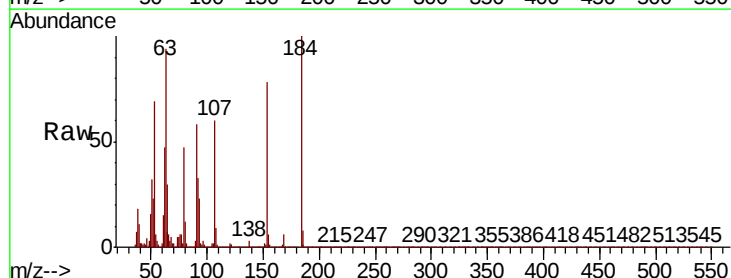
Instrument :
BNA_P
ClientSampleId :

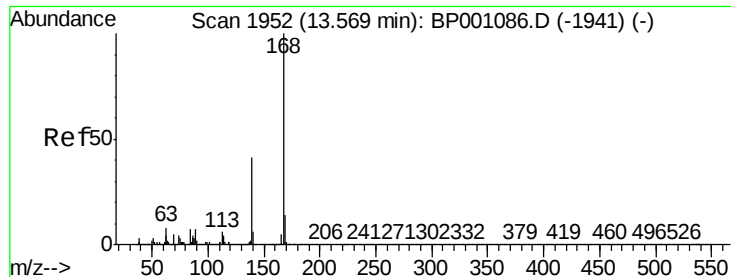
Tot Ion:138 Resp: 181757
Ion Ratio Lower Upper
138 100
108 12.6 9.2 13.8
92 139.6 107.8 161.6



#54
2,4-Dinitrophenol
Concen: 83.569 ng
RT: 13.33 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

Tgt Ion:184 Resp: 203593
Ion Ratio Lower Upper
184 100
63 93.9 60.7 91.1#
154 78.5 56.2 84.2





#55

Dibenzofuran

Concen: 39.580 ng

RT: 13.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

Instrument :

BNA_P

ClientSampleId :

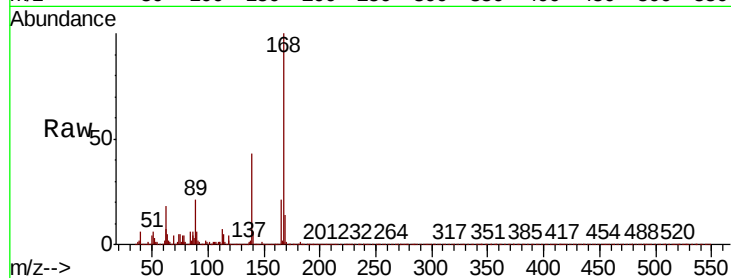
Tot Ion:168 Resp: 1228214

Ion	Ratio	Lower	Upper
168	100		
139	43.3	32.8	49.2
169	13.5	10.9	16.3

168 100

139 43.3 32.8 49.2

169 13.5 10.9 16.3

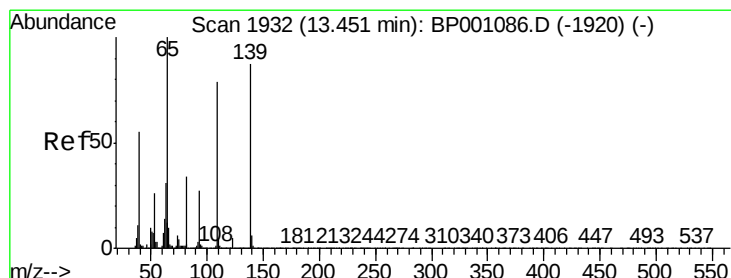
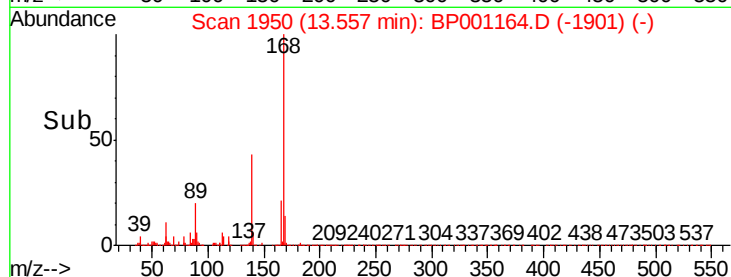
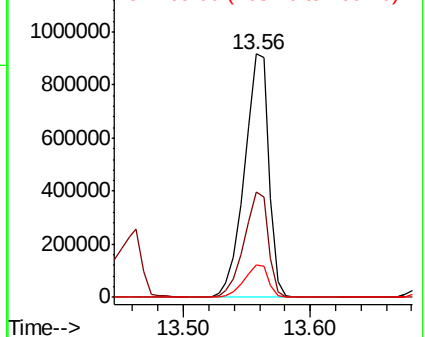


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 84.747 ng

RT: 13.46 min Scan# 1934

Delta R.T. 0.01 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

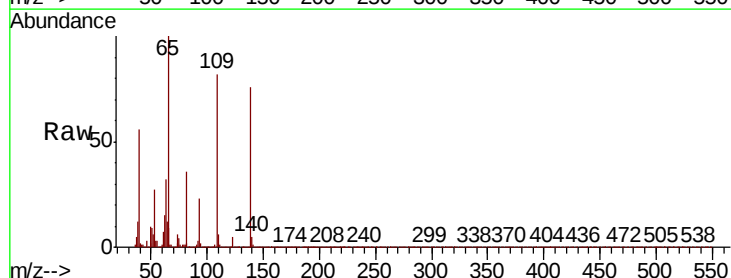
Tgt Ion:139 Resp: 400680

Ion	Ratio	Lower	Upper
139	100		
109	107.1	70.9	110.9
65	131.4	95.2	135.2

139 100

109 107.1 70.9 110.9

65 131.4 95.2 135.2

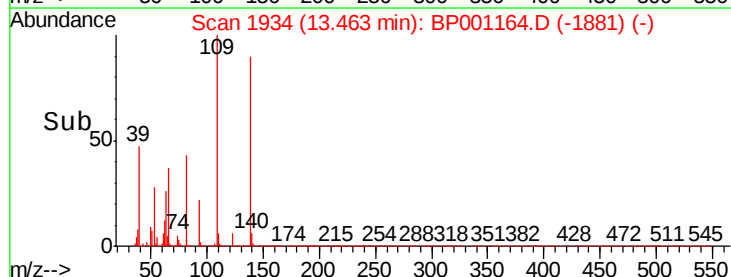
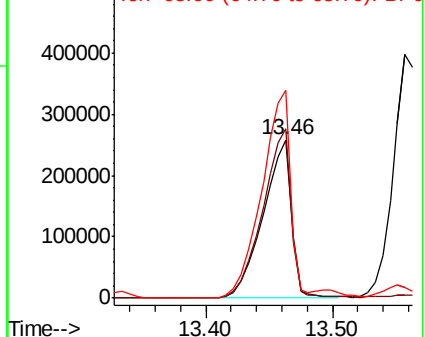


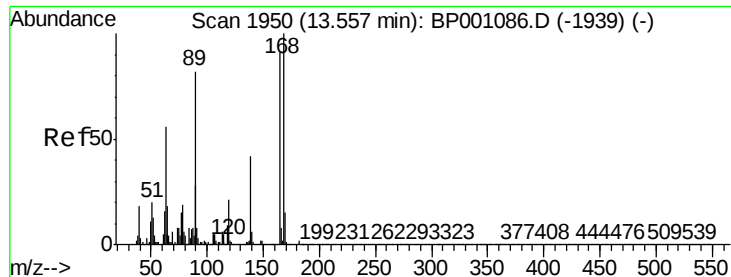
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

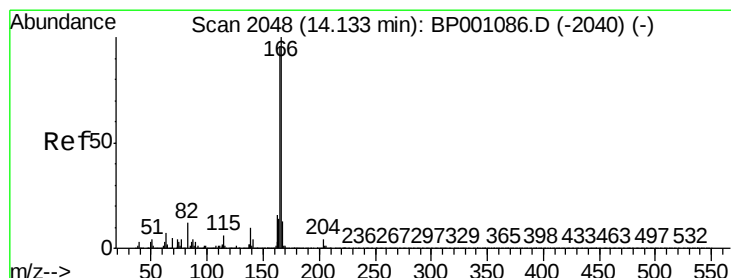
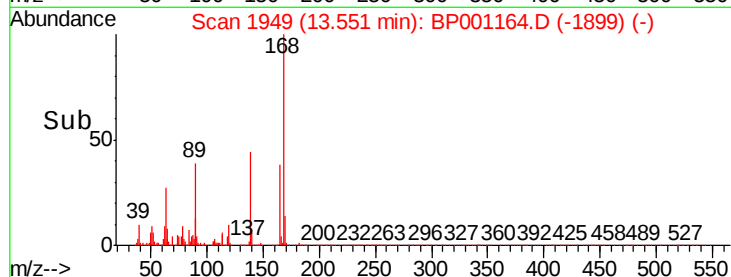
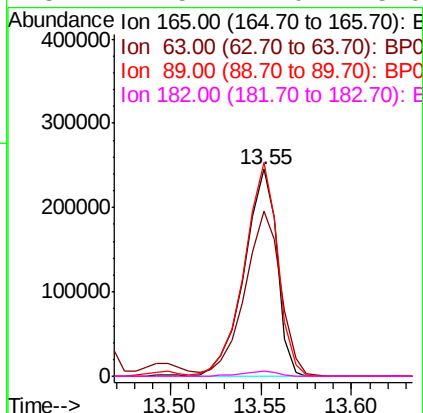
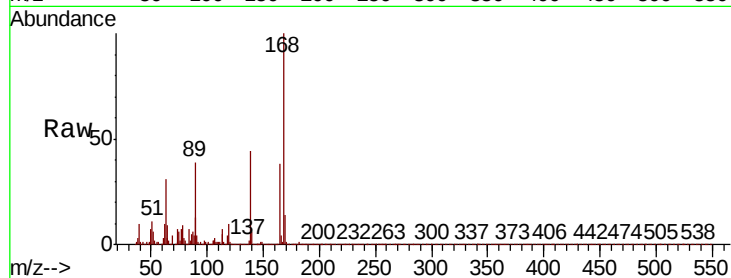




#57
2,4-Dinitrotoluene
Concen: 41.254 ng
RT: 13.55 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

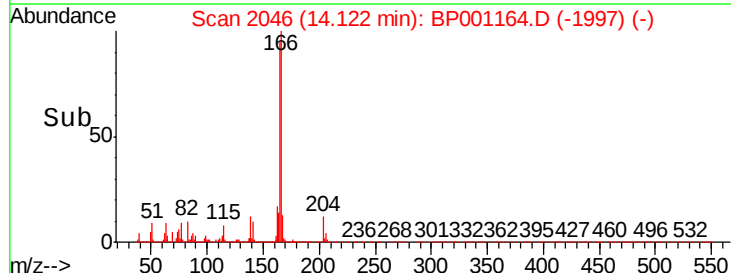
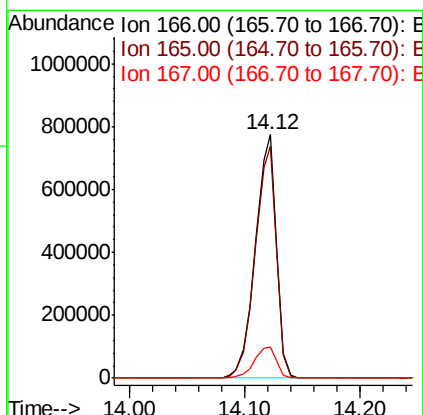
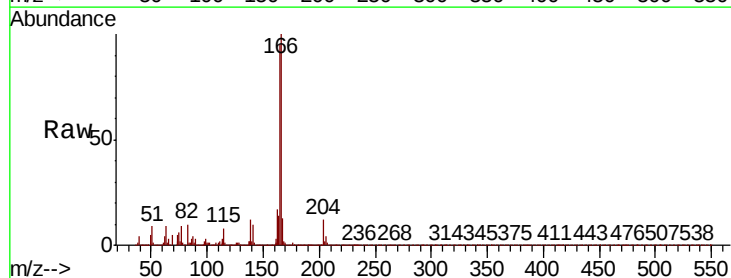
Instrument :
BNA_P
ClientSampleId :

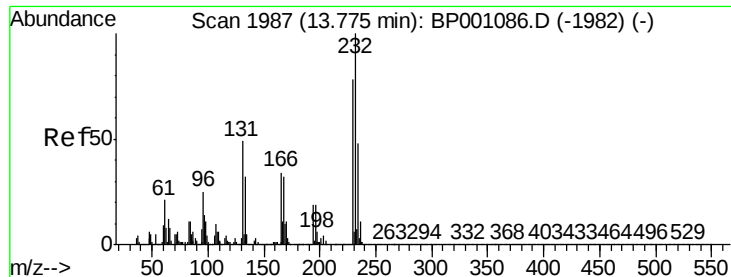
Tot Ion	Ratio	Lower	Upper
165	100		
63	80.0	49.4	74.2#
89	103.2	72.1	108.1
182	2.5	2.0	3.0



#58
Fluorene
Concen: 39.350 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.4	76.7	115.1
167	12.9	10.5	15.7

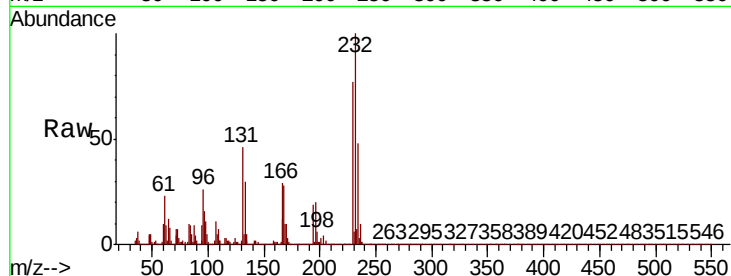




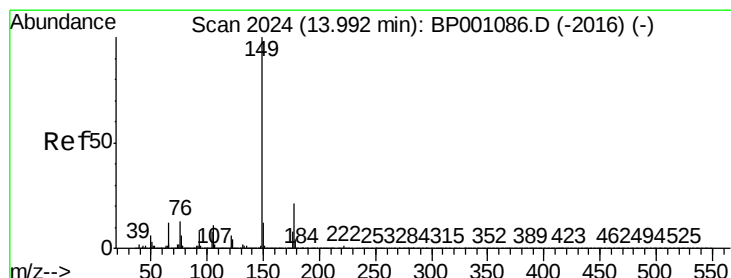
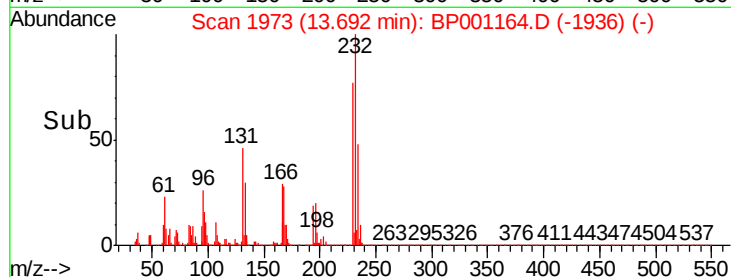
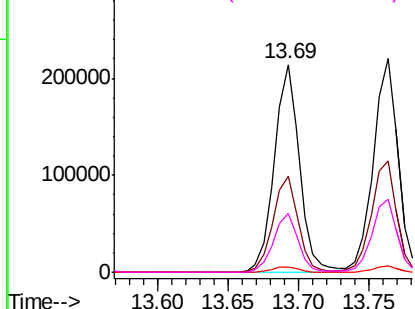
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.949 ng
 RT: 13.69 min Scan# 1973
 Delta R.T. -0.08 min
 Lab File: BP001164.D
 Acq: 03 Dec 2019 19:39

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:	232	Resp:	266240
Ion	Ratio	Lower	Upper
232	100		
131	46.4	39.6	59.4
130	2.7	1.9	2.9
166	28.2	25.7	38.5

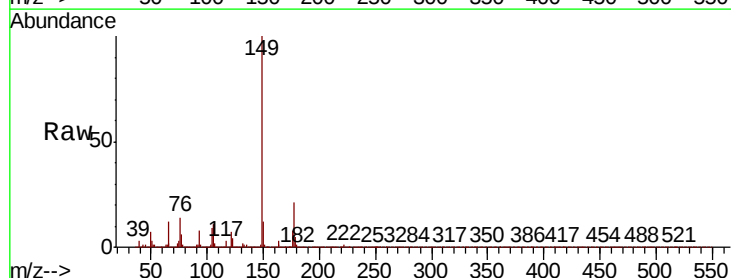


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

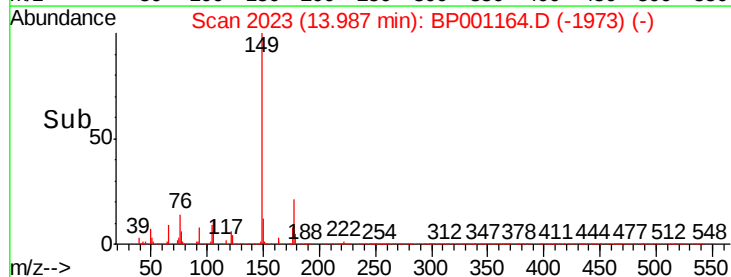
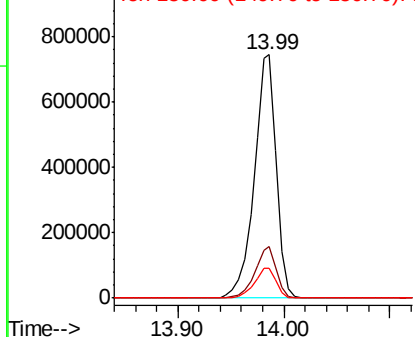


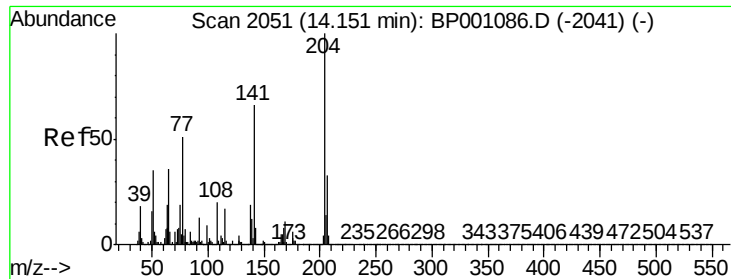
#60
 Diethylphthalate
 Concen: 37.559 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BP001164.D
 Acq: 03 Dec 2019 19:39

Tgt Ion:	149	Resp:	1079065
Ion	Ratio	Lower	Upper
149	100		
177	21.0	17.0	25.6
150	12.3	9.9	14.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

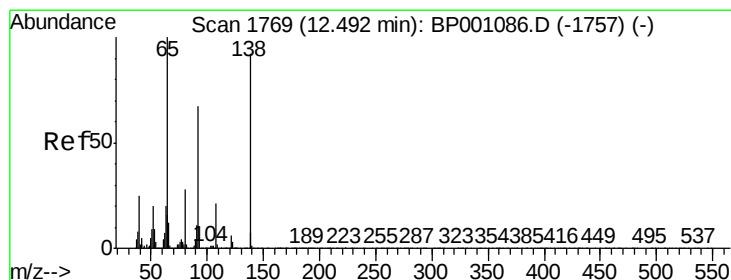
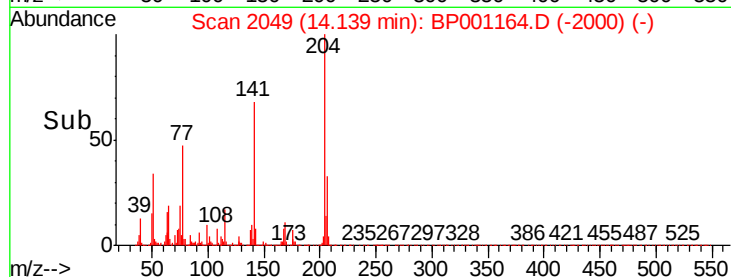
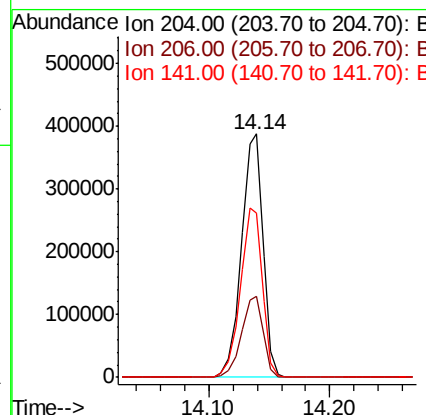
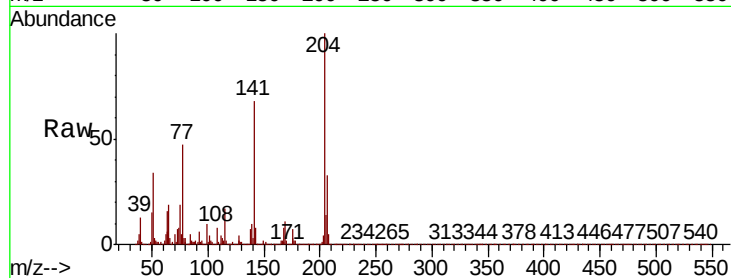




#61
4-Chlorophenyl-phenylether
Concen: 38.027 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

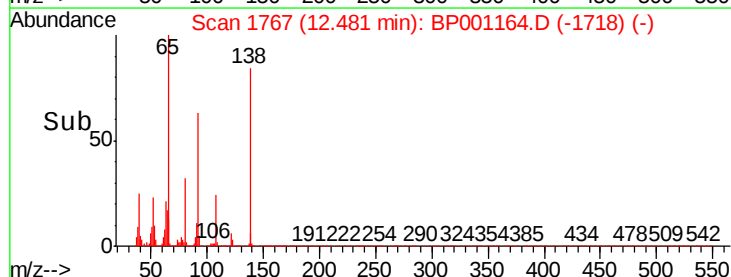
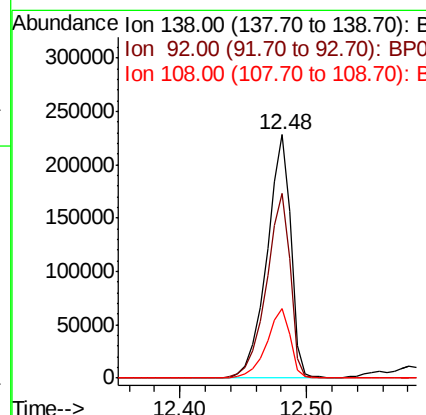
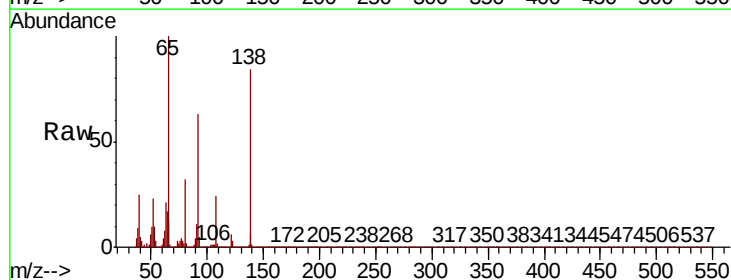
Instrument :
BNA_P
ClientSampled :

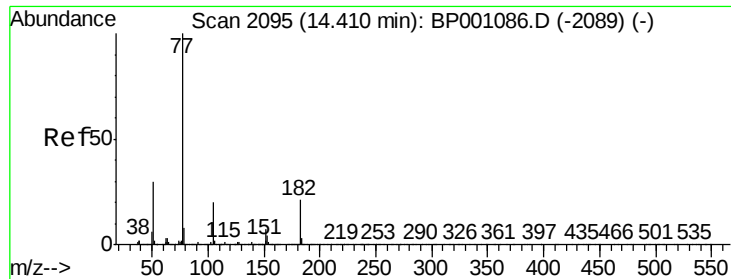
Tot Ion:204 Resp: 481489
Ion Ratio Lower Upper
204 100
206 33.5 26.1 39.1
141 67.7 52.7 79.1



#62
4-Nitroaniline
Concen: 38.484 ng
RT: 12.48 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

Tgt Ion:138 Resp: 297698
Ion Ratio Lower Upper
138 100
92 75.7 53.3 93.3
108 28.6 3.1 43.1





#63

Azobenzene

Concen: 39.281 ng

RT: 14.40 min Scan# 2093

Delta R.T. -0.01 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

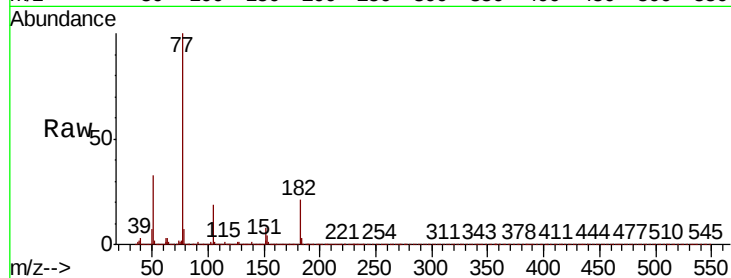
Instrument :

BNA_P

ClientSampled :

Tot Ion: 77 Resp: 1219859

Ion	Ratio	Lower	Upper
77	100		
182	20.5	0.8	40.8
105	18.9	0.3	40.3
51	33.3	9.6	49.6

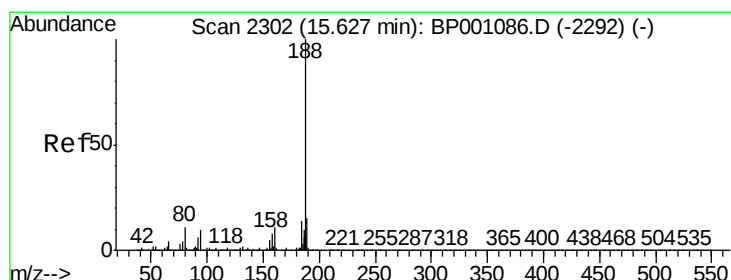
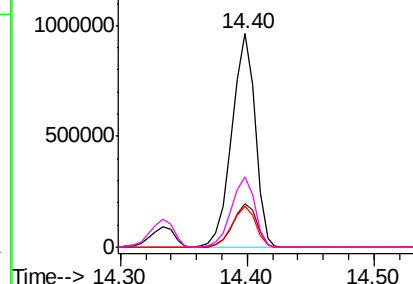
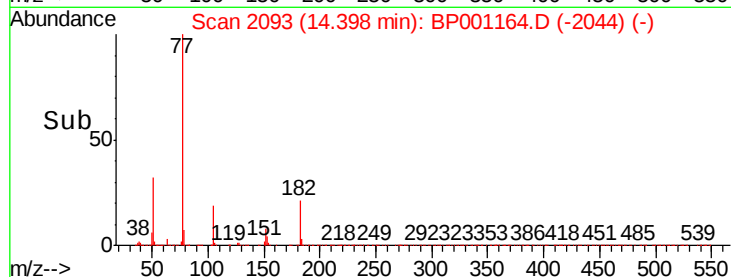


Abundance Ion 77.00 (76.70 to 77.70): BP001164.D (-2044) (-)

Ion 182.00 (181.70 to 182.70): BP001164.D (-2044) (-)

Ion 105.00 (104.70 to 105.70): BP001164.D (-2044) (-)

Ion 51.00 (50.70 to 51.70): BP001164.D (-2044) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.62 min Scan# 2300

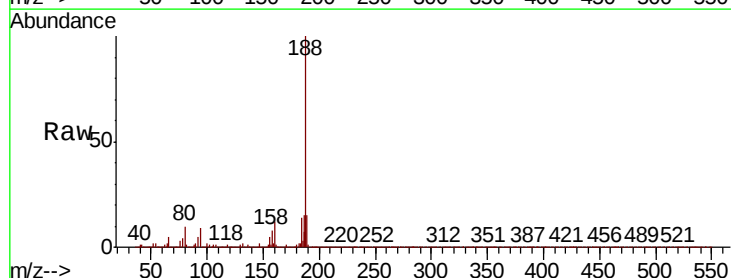
Delta R.T. -0.01 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

Tgt Ion: 188 Resp: 677889

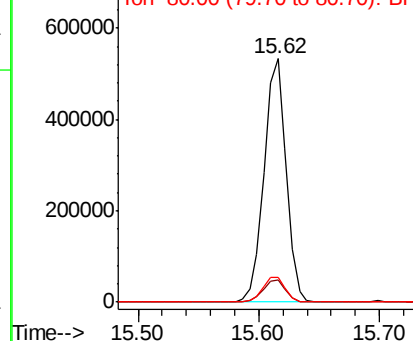
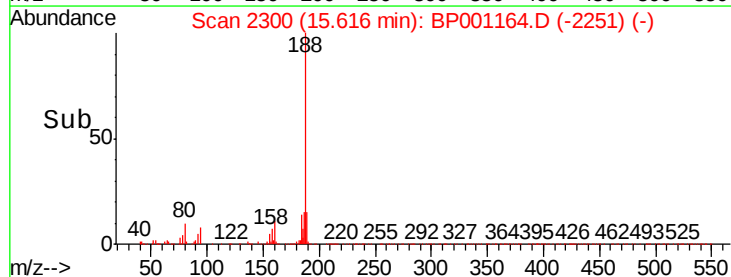
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.9	11.9
80	10.3	8.8	13.2

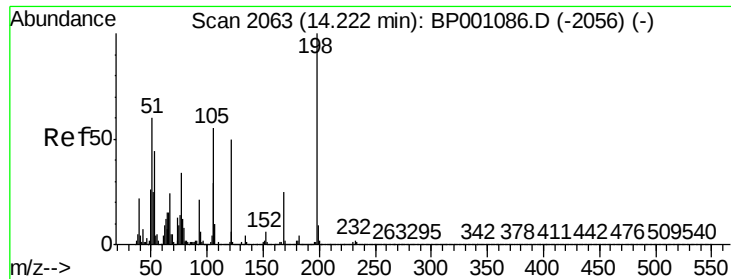


Abundance Ion 188.00 (187.70 to 188.70): BP001164.D (-2251) (-)

Ion 94.00 (93.70 to 94.70): BP001164.D (-2251) (-)

Ion 80.00 (79.70 to 80.70): BP001164.D (-2251) (-)

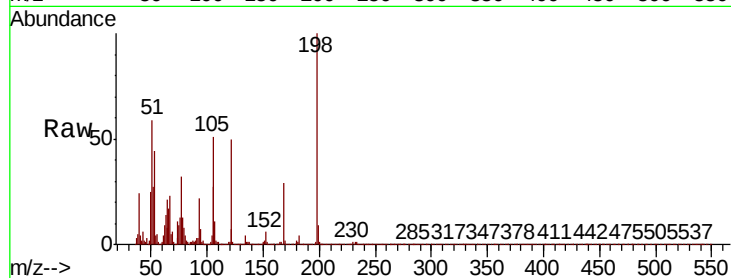




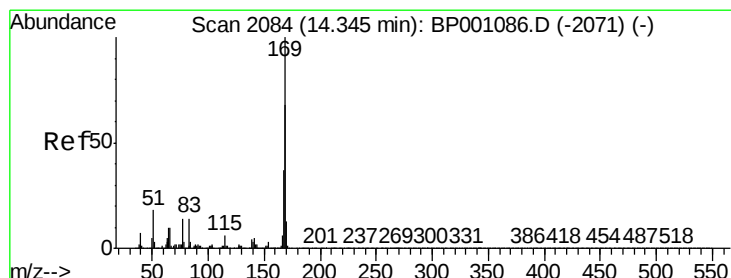
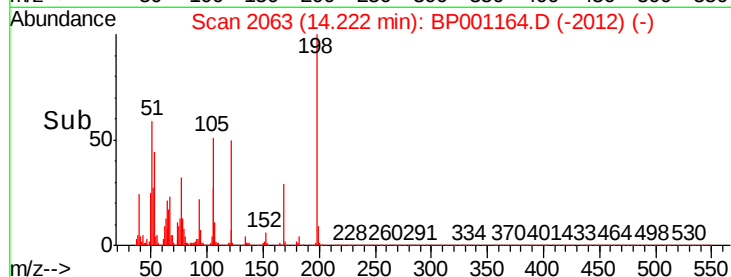
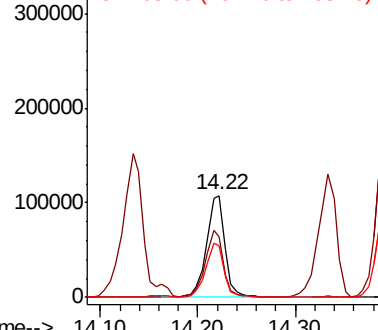
#65
4,6-Dinitro-2-methylphenol
Concen: 48.764 ng
RT: 14.22 min Scan# 2063
Delta R.T. 0.00 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	58.9	40.5	80.5
105	50.7	35.7	75.7

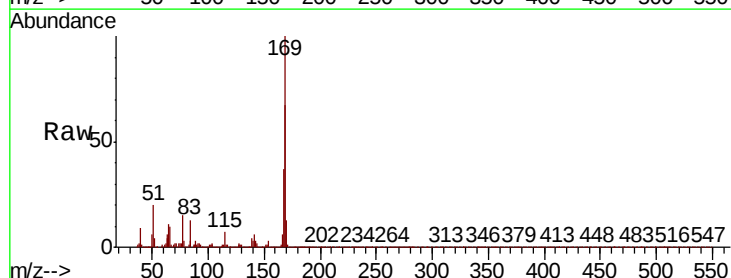


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BP0
Ion 105.00 (104.70 to 105.70): E

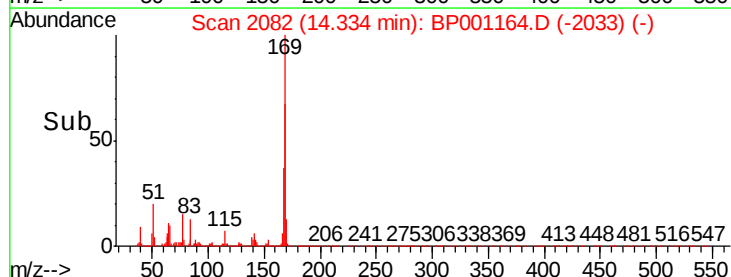
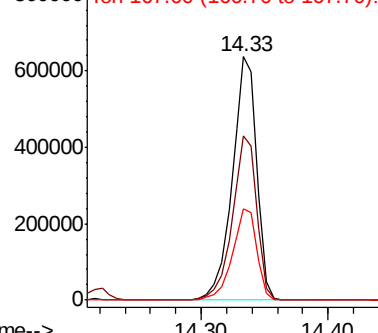


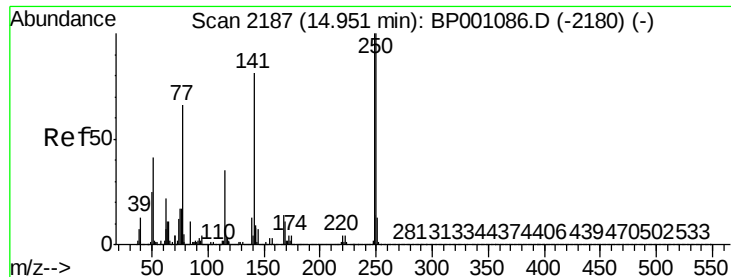
#66
n-Nitrosodiphenylamine
Concen: 41.102 ng
RT: 14.33 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.5	54.1	81.1
167	37.4	29.5	44.3



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

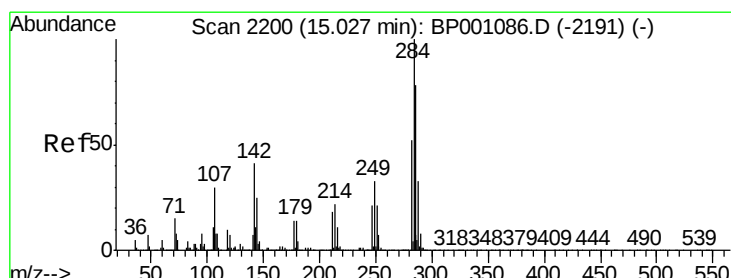
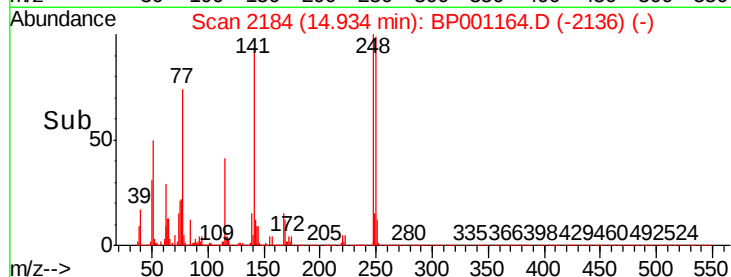
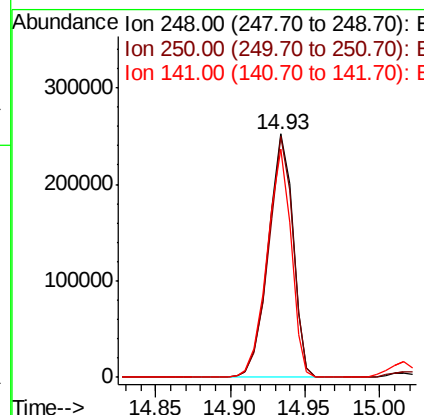
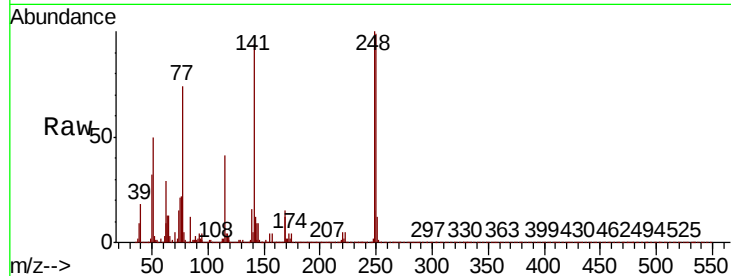




#67
4-Bromophenyl-phenylether
Concen: 39.252 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

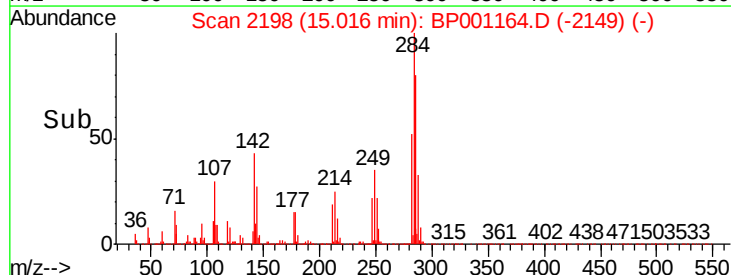
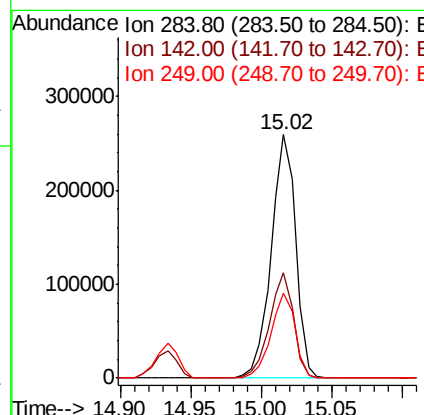
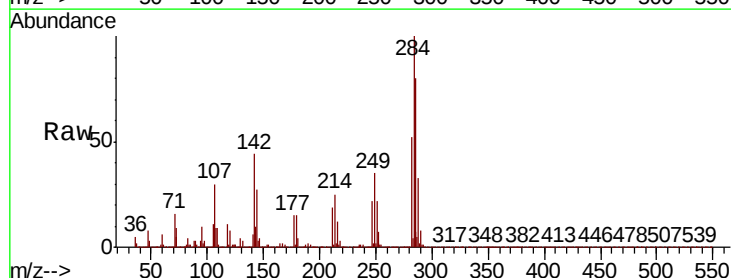
Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	80.3	120.5
141	93.6	64.9	97.3



#68
Hexachlorobenzene
Concen: 39.022 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	43.5	33.2	49.8
249	34.9	26.2	39.4





#69

Atrazine

Concen: 46.201 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

Instrument :

BNA_P

ClientSampleId :

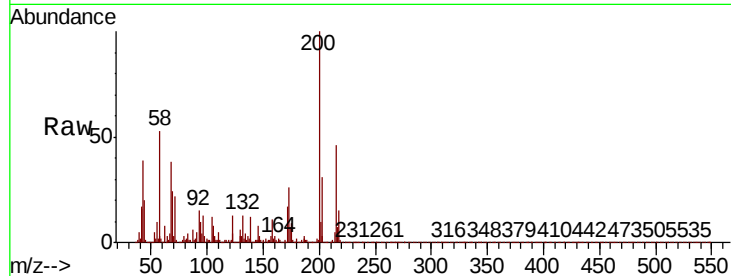
Tot Ion:200 Resp: 290554

Ion Ratio Lower Upper

200 100

173 25.8 6.7 46.7

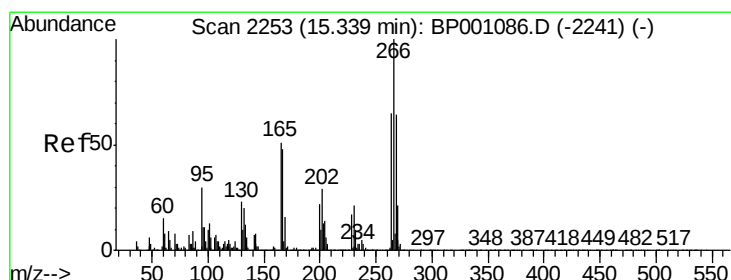
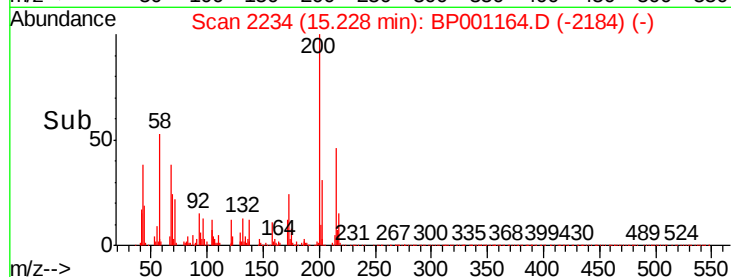
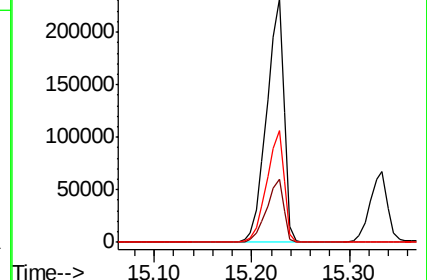
215 45.8 27.9 67.9



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: 91.402 ng

RT: 15.33 min Scan# 2252

Delta R.T. -0.01 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

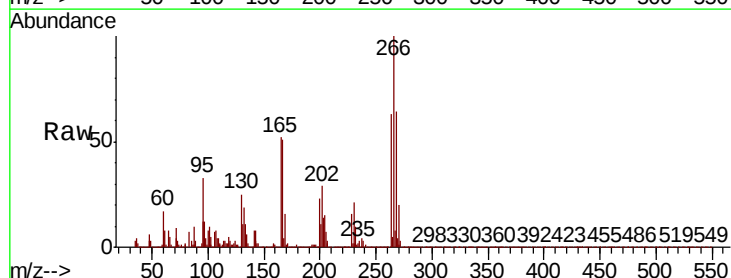
Tgt Ion:266 Resp: 385443

Ion Ratio Lower Upper

266 100

268 64.3 51.6 77.4

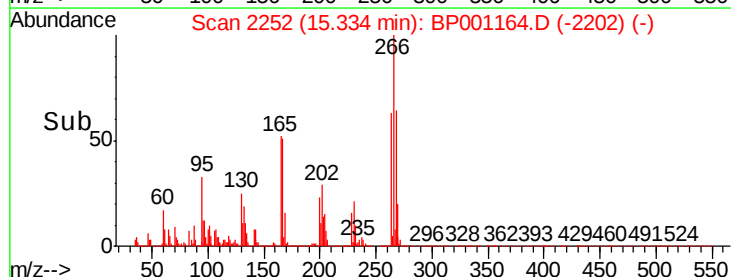
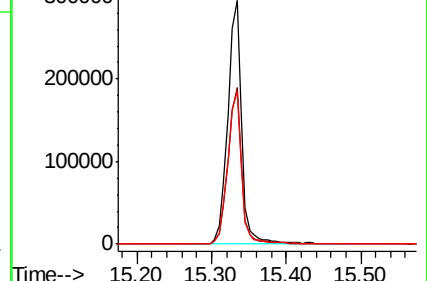
264 62.7 52.2 78.4



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: 41.024 ng

RT: 15.65 min Scan# 2306

Delta R.T. -0.01 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

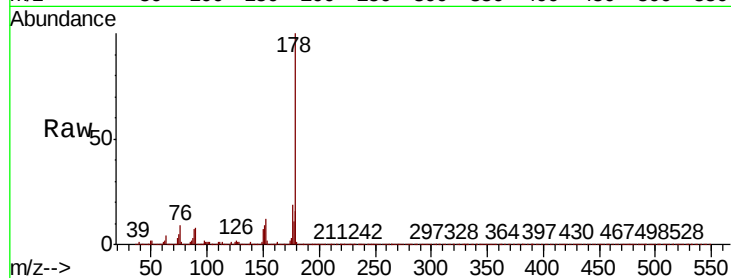
Instrument :

BNA_P

ClientSampleId :

Tot Ion:178 Resp: 1462057

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.8	12.5	18.7

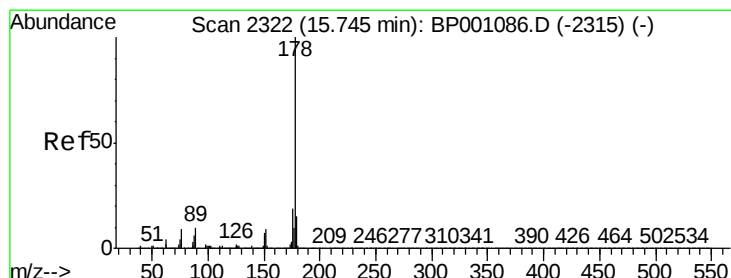
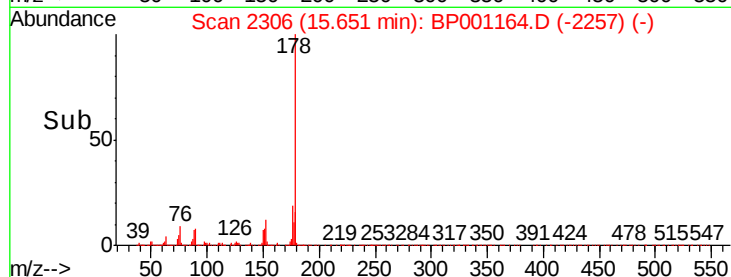
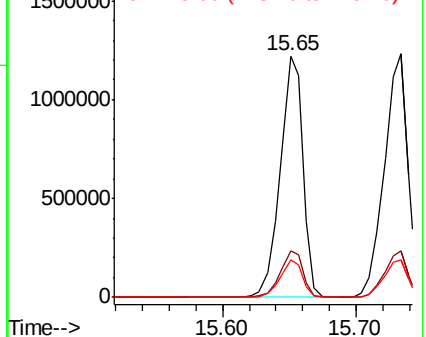


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.302 ng

RT: 15.73 min Scan# 2320

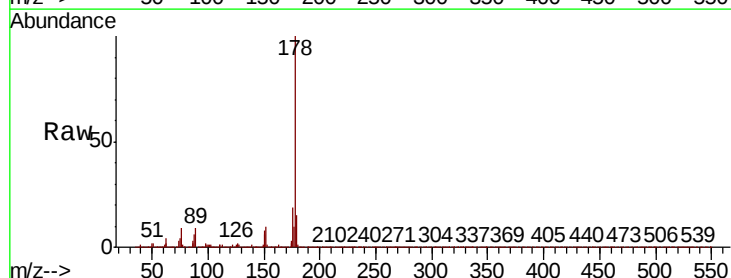
Delta R.T. -0.01 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

Tgt Ion:178 Resp: 1485963

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	15.3	12.2	18.4

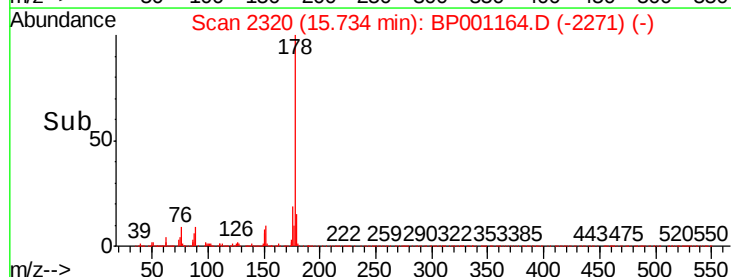
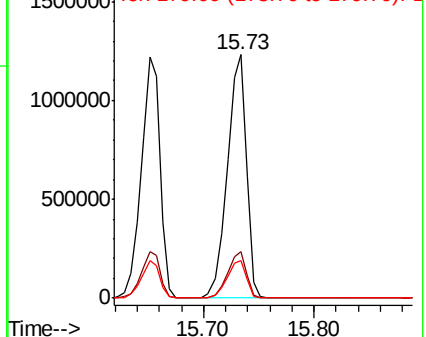


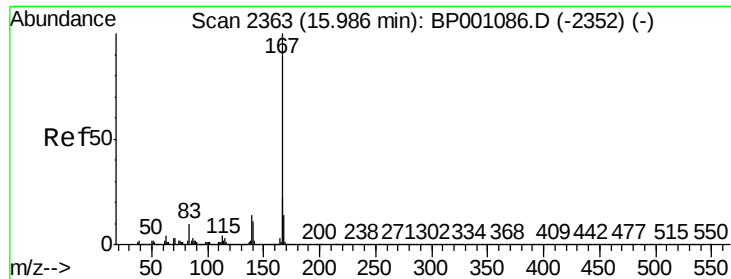
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



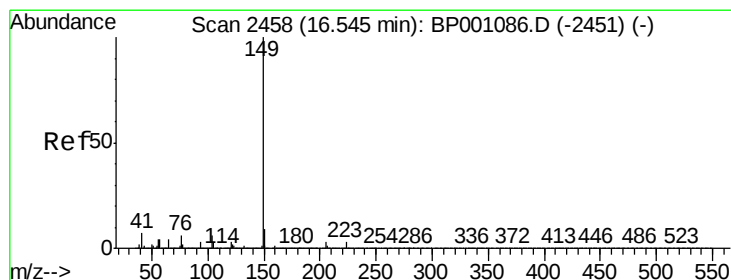
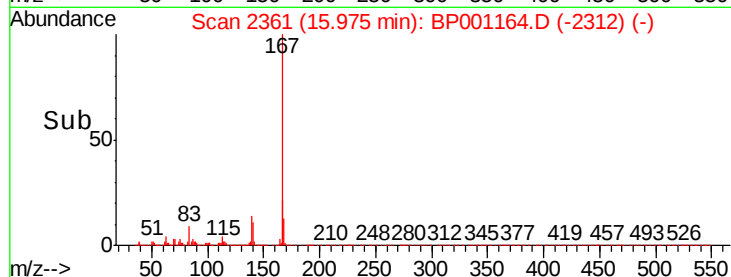
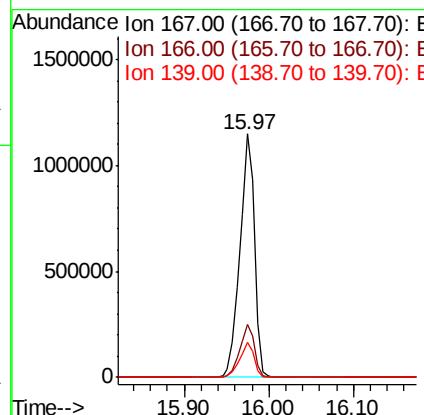
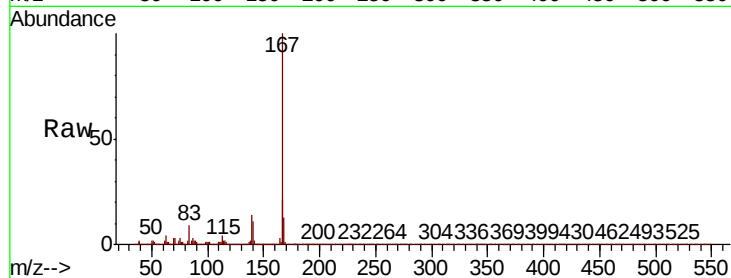


#73
 Carbazole
 Concen: 42.043 ng
 RT: 15.97 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BP001164.D
 Acq: 03 Dec 2019 19:39

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:167 Resp: 1343882

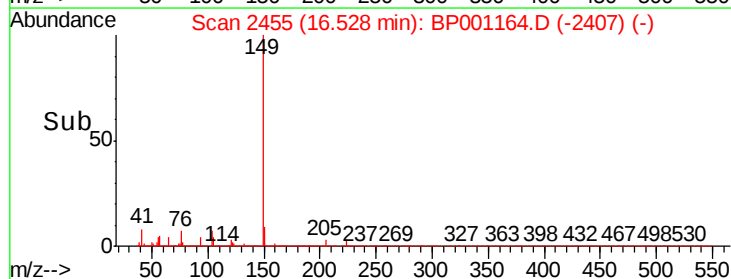
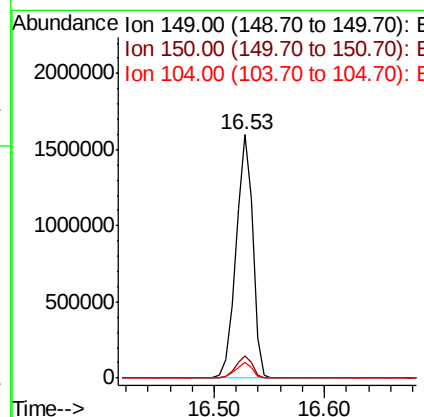
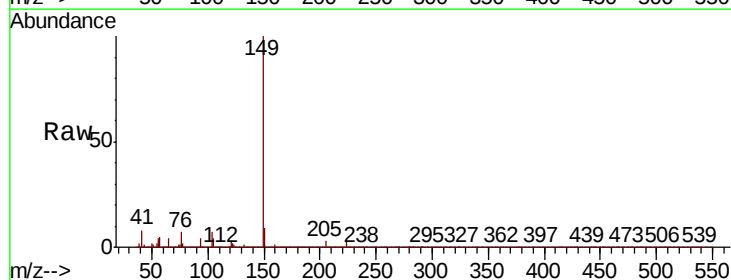
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	14.1	11.3	16.9



#74
 Di-n-butylphthalate
 Concen: 39.374 ng
 RT: 16.53 min Scan# 2455
 Delta R.T. -0.02 min
 Lab File: BP001164.D
 Acq: 03 Dec 2019 19:39

Tgt Ion:149 Resp: 1692150

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.2
104	6.5	4.6	6.8





#75

Fluoranthene

Concen: 42.446 ng

RT: 17.36 min Scan# 2597

Delta R.T. -0.01 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

Instrument :

BNA_P

ClientSampleId :

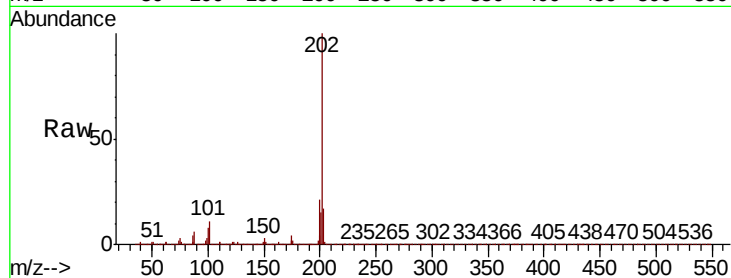
Tot Ion:202 Resp: 1601454

Ion Ratio Lower Upper

202 100

101 10.8 0.0 32.1

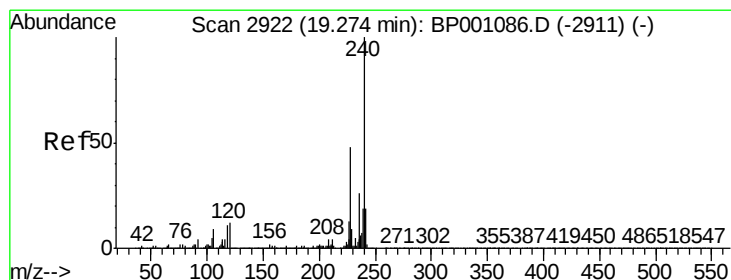
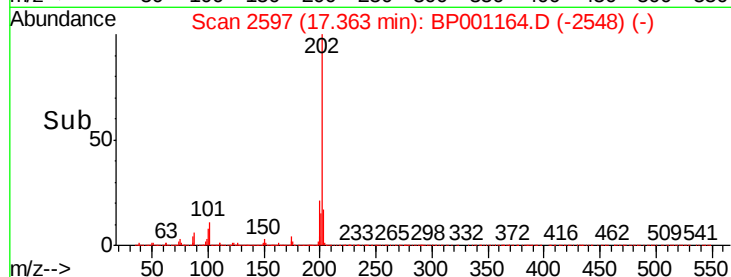
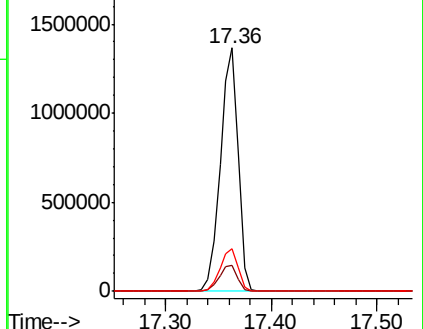
203 17.5 0.0 37.8



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: 19.26 min Scan# 2920

Delta R.T. -0.01 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

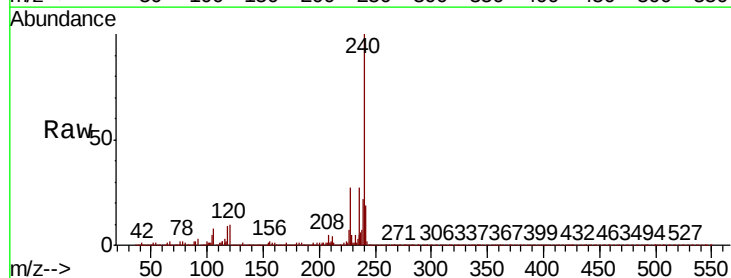
Tgt Ion:240 Resp: 524721

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

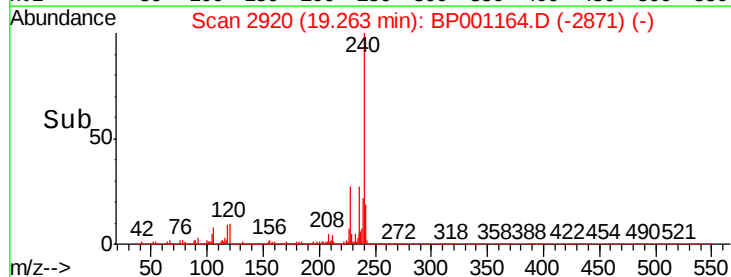
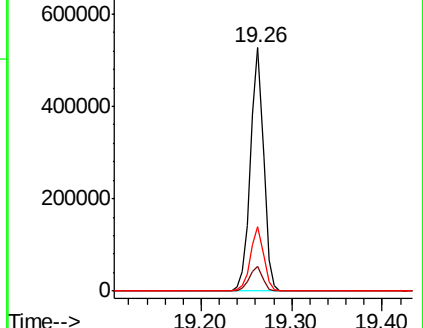
236 26.6 20.4 30.6

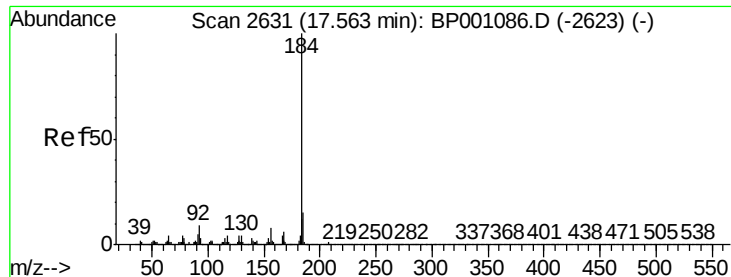


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.077 ng

RT: 17.55 min Scan# 2628

Delta R.T. -0.02 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

Instrument :

BNA_P

ClientSampleId :

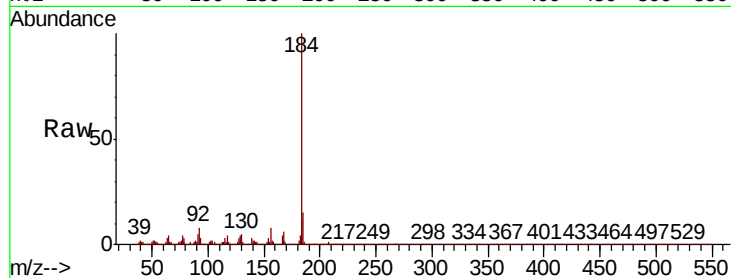
Tot Ion:184 Resp: 421034

Ion Ratio Lower Upper

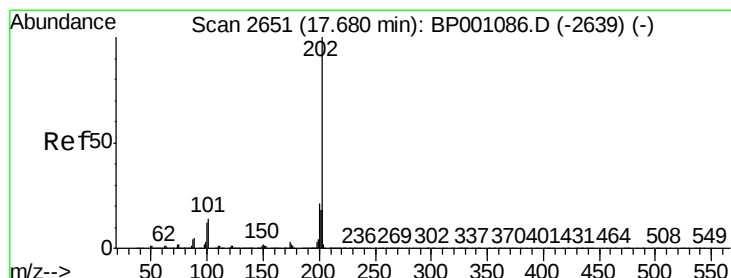
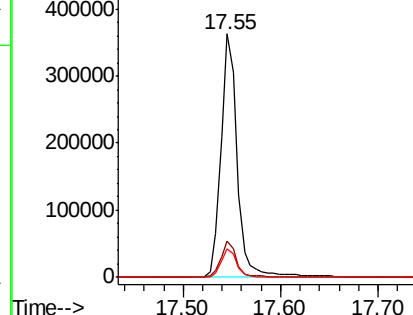
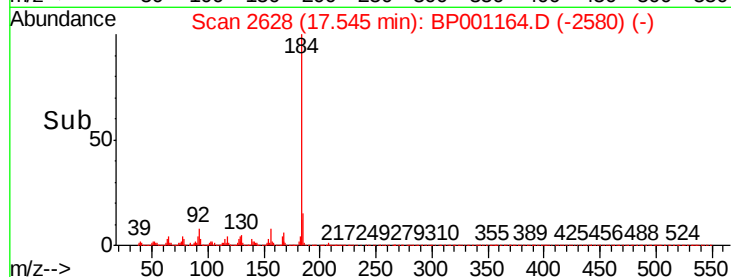
184 100

185 14.8 12.2 18.4

183 11.8 9.3 13.9



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: 39.400 ng

RT: 17.67 min Scan# 2649

Delta R.T. -0.01 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

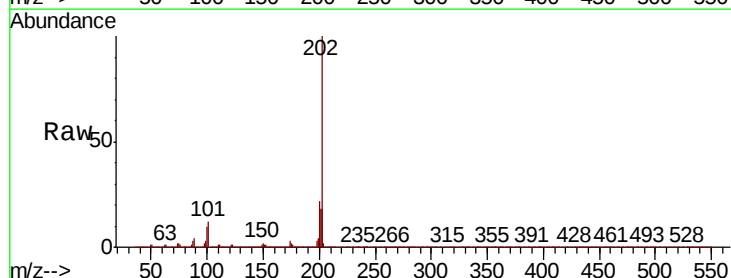
Tgt Ion:202 Resp: 1628344

Ion Ratio Lower Upper

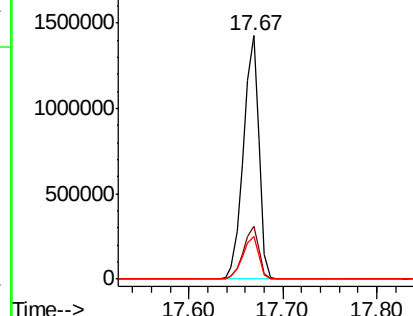
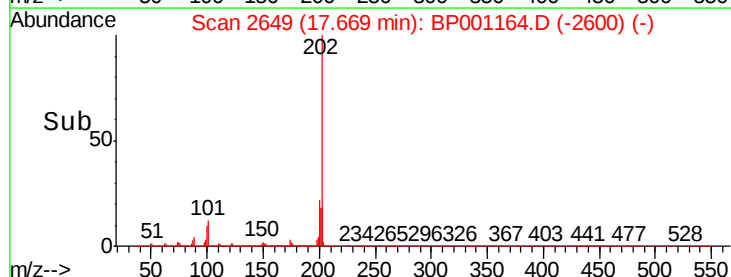
202 100

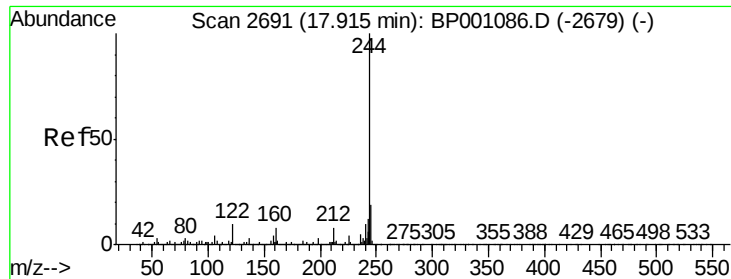
200 21.5 17.0 25.6

203 17.5 14.1 21.1



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





#79

Terphenyl-d14

Concen: 62.228 ng

RT: 17.90 min Scan# 2688

Delta R.T. -0.02 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

Instrument :

BNA_P

ClientSampleId :

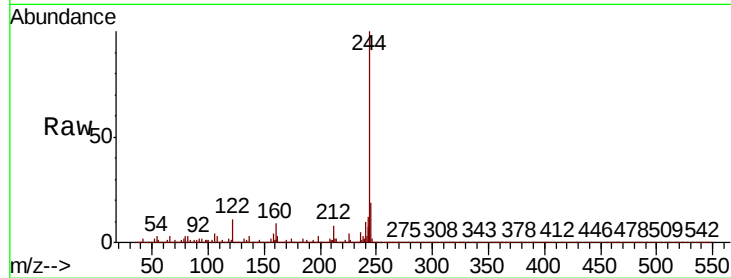
Tot Ion:244 Resp: 1764898

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.2

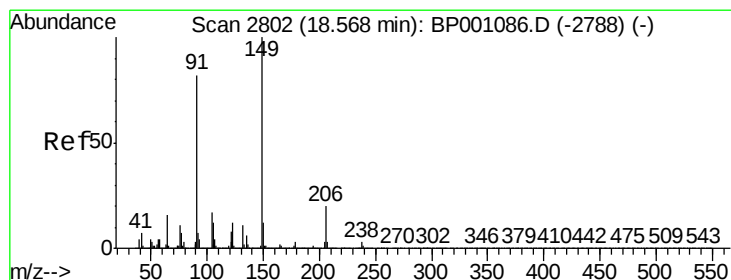
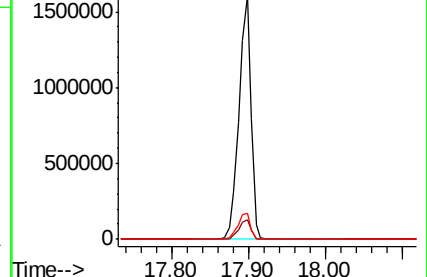
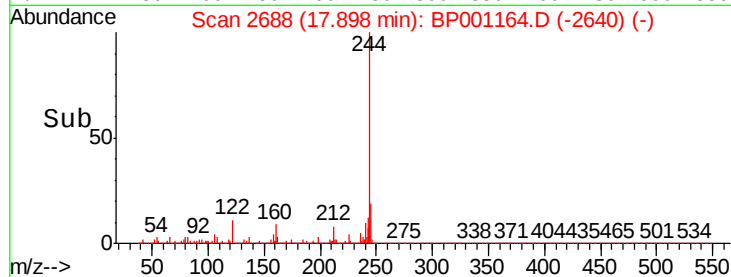
122 10.5 8.2 12.2



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: 38.374 ng

RT: 18.55 min Scan# 2799

Delta R.T. -0.02 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

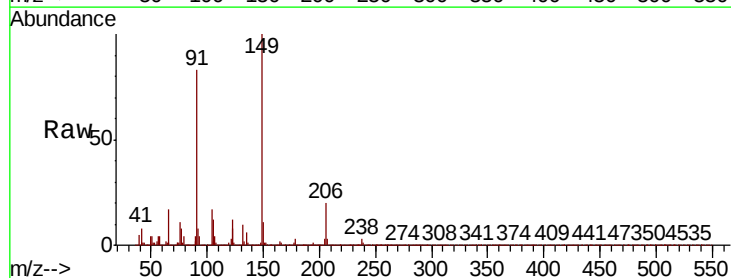
Tgt Ion:149 Resp: 732518

Ion Ratio Lower Upper

149 100

91 82.6 65.4 98.2

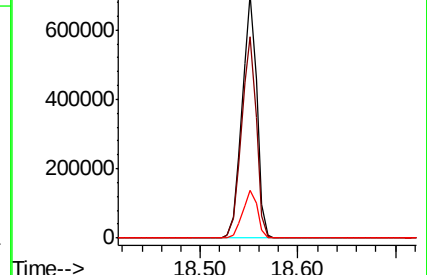
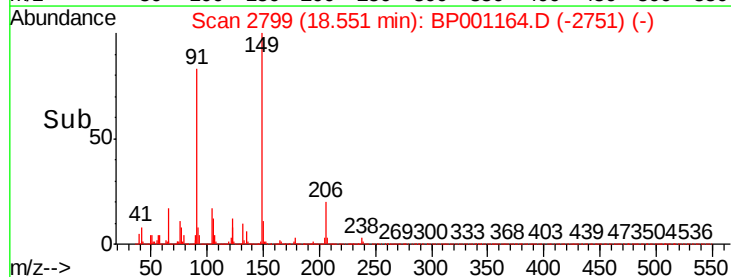
206 19.6 16.0 24.0

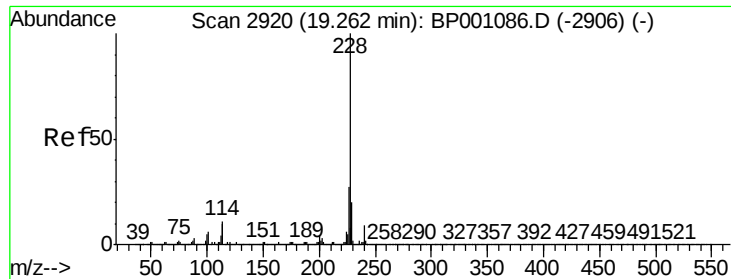


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

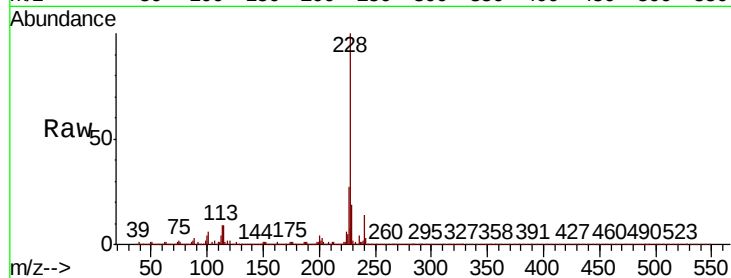




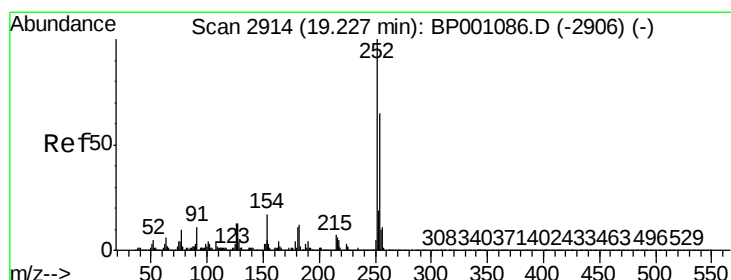
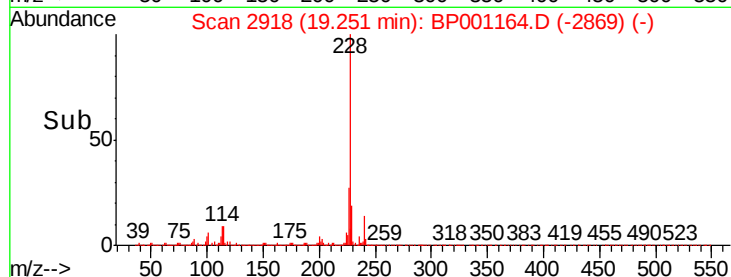
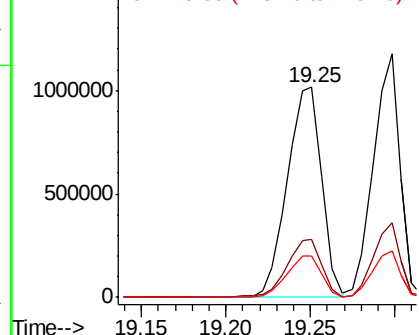
#81
Benzo(a)anthracene
Concen: 39.565 ng
RT: 19.25 min Scan# 2918
Delta R.T. -0.01 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

Instrument :
BNA_P
ClientSampleId :

Tot Ion:228 Resp: 1439403
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.6
229 19.5 15.8 23.6

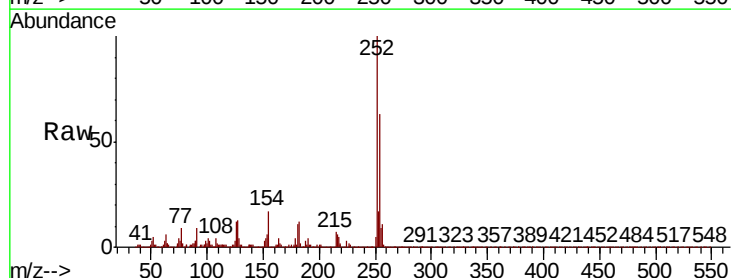


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

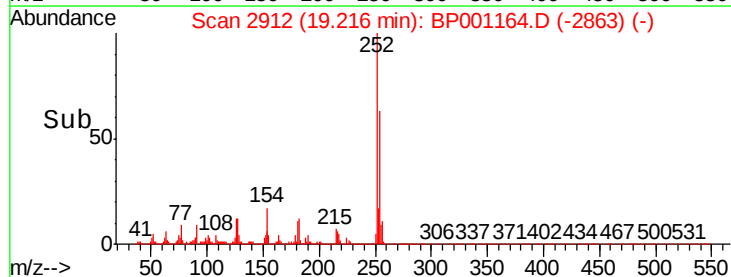
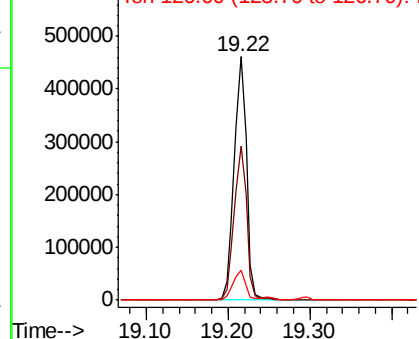


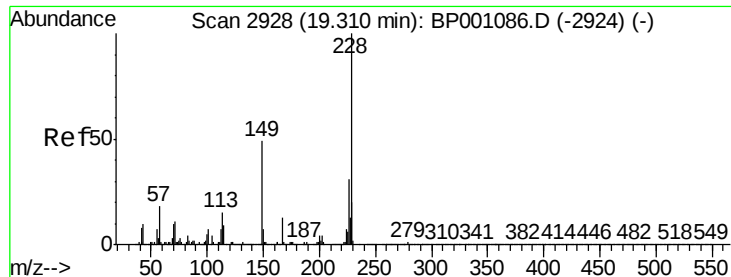
#82
3,3'-Dichlorobenzidine
Concen: 40.607 ng
RT: 19.22 min Scan# 2912
Delta R.T. -0.01 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

Tgt Ion:252 Resp: 488051
Ion Ratio Lower Upper
252 100
254 63.5 51.7 77.5
126 12.0 10.2 15.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



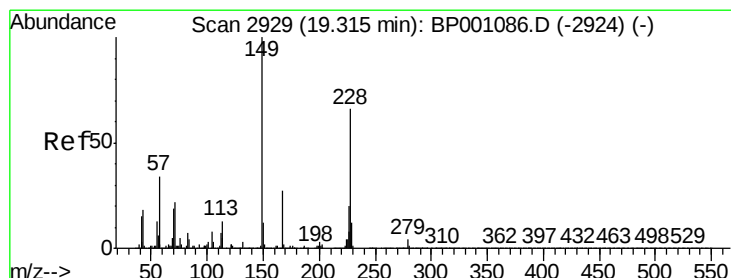
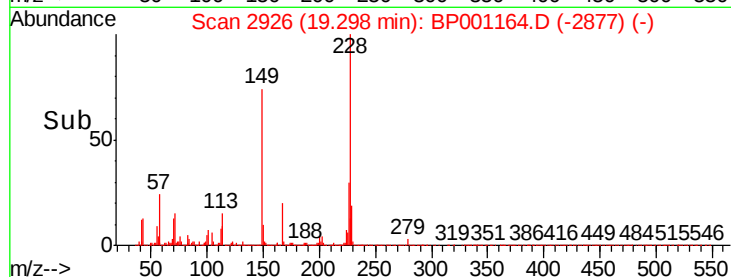
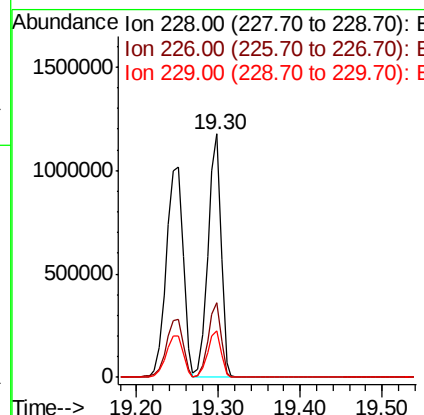
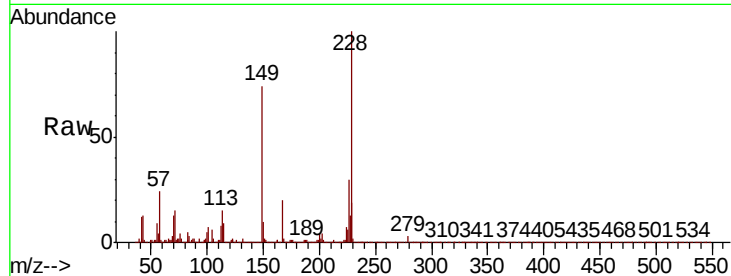


#83
 Chrysene
 Concen: 39.892 ng
 RT: 19.30 min Scan# 2926
 Delta R.T. -0.01 min
 Lab File: BP001164.D
 Acq: 03 Dec 2019 19:39

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:228 Resp: 1299608

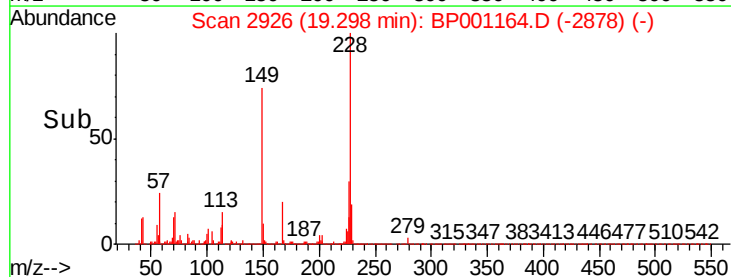
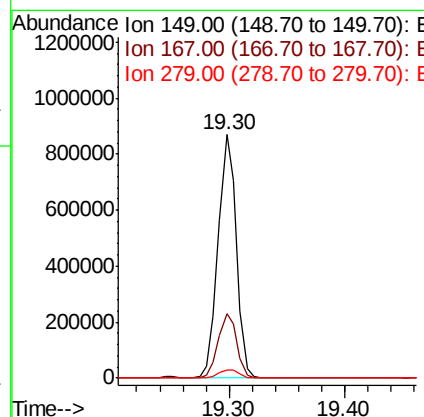
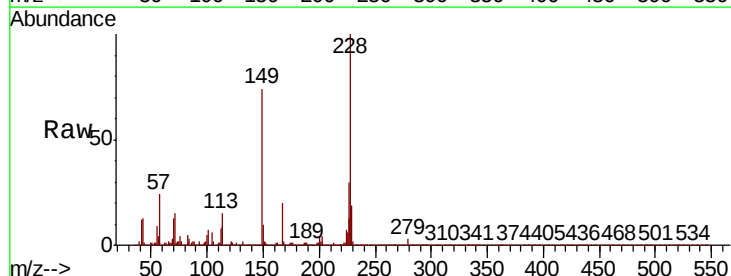
Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	19.4	15.7	23.5

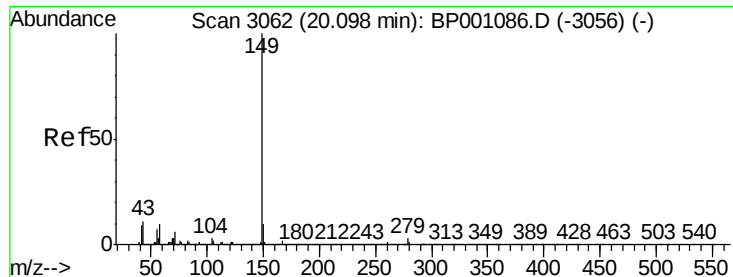


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.215 ng
 RT: 19.30 min Scan# 2926
 Delta R.T. -0.02 min
 Lab File: BP001164.D
 Acq: 03 Dec 2019 19:39

Tgt Ion:149 Resp: 950465

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	3.6	2.8	4.2





#85

Di-n-octyl phthalate

Concen: 36.724 ng

RT: 20.08 min Scan# 3059

Delta R.T. -0.02 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

Instrument :

BNA_P

ClientSampleId :

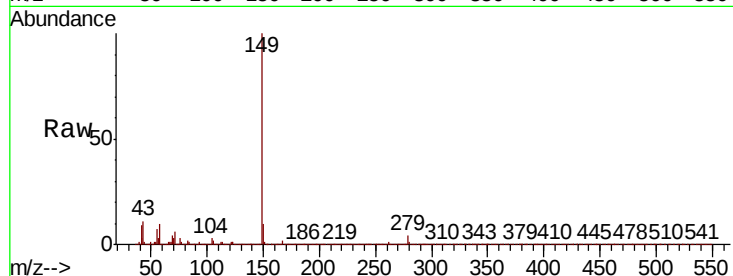
Tot Ion:149 Resp: 1712098

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

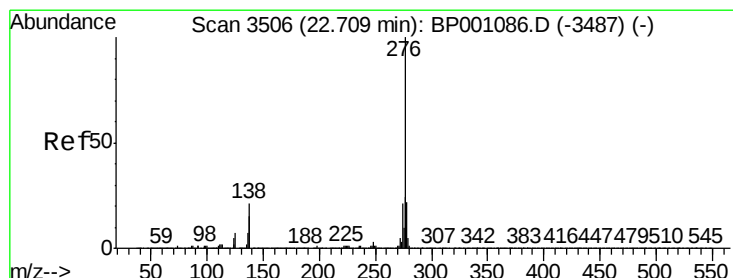
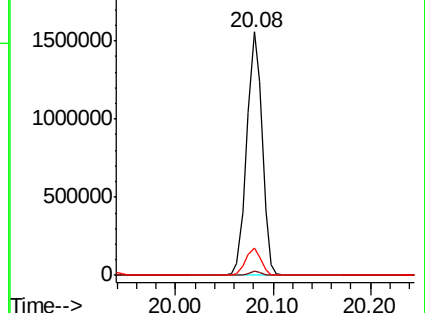
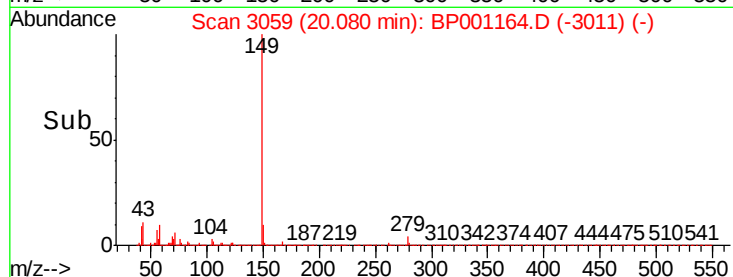
43 11.2 8.5 12.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.579 ng

RT: 22.69 min Scan# 3502

Delta R.T. -0.02 min

Lab File: BP001164.D

Acq: 03 Dec 2019 19:39

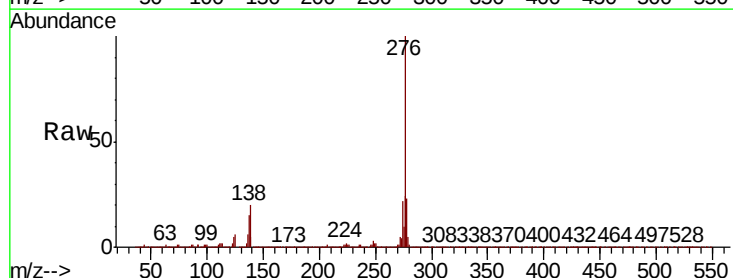
Tgt Ion:276 Resp: 1481195

Ion Ratio Lower Upper

276 100

138 23.4 20.6 30.8

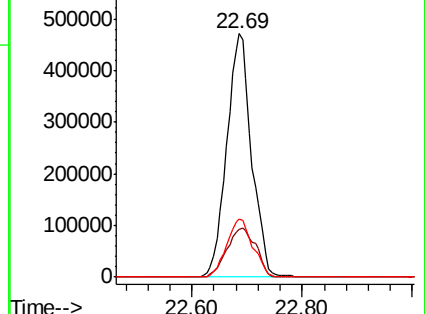
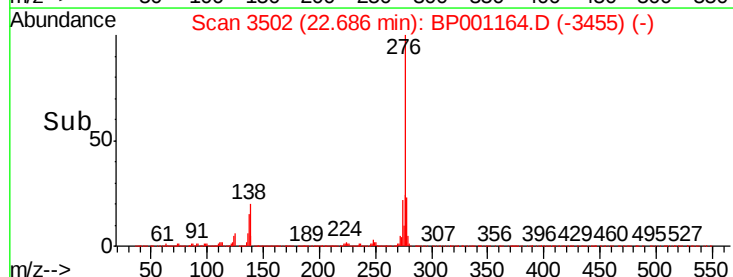
277 25.2 20.0 30.0

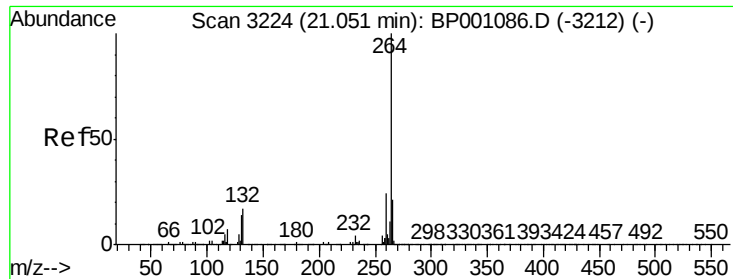


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

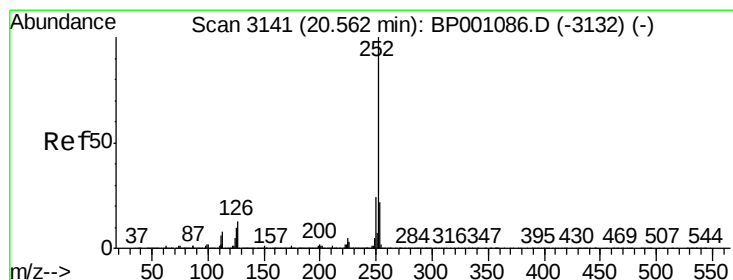
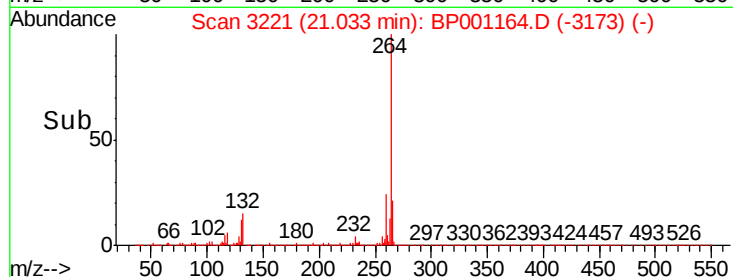
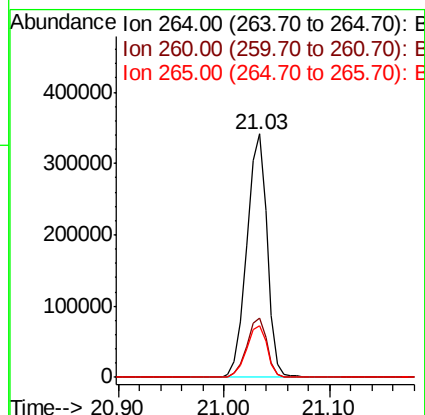
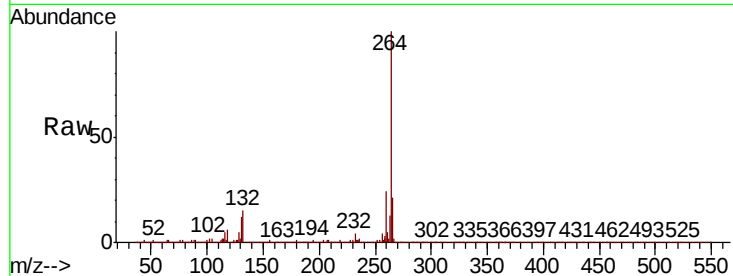




#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.03 min Scan# 3221
Delta R.T. -0.02 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

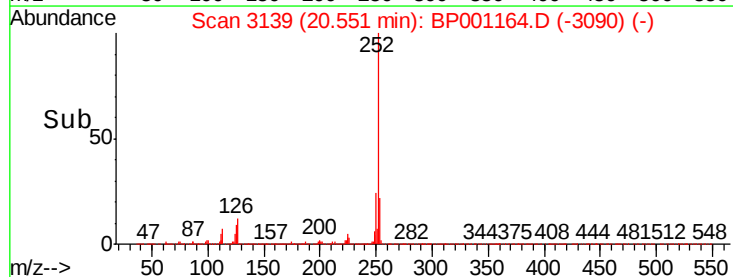
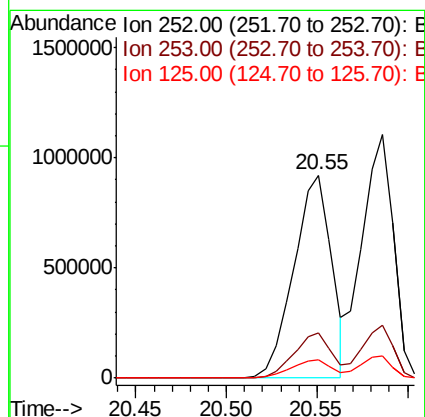
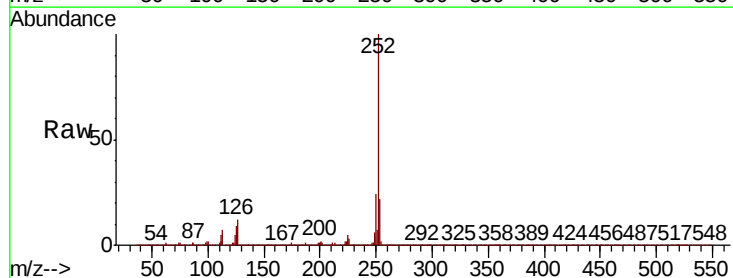
Instrument :
BNA_P
ClientSampled :

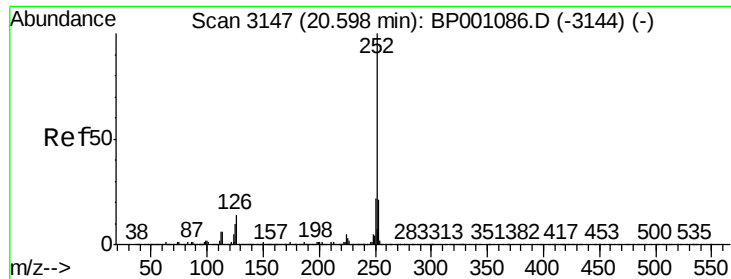
Tot Ion:264 Resp: 454723
Ion Ratio Lower Upper
264 100
260 24.3 18.8 28.2
265 21.1 16.9 25.3



#88
Benzo(b)fluoranthene
Concen: 48.332 ng
RT: 20.55 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

Tgt Ion:252 Resp: 1342405
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 8.7 8.1 12.1

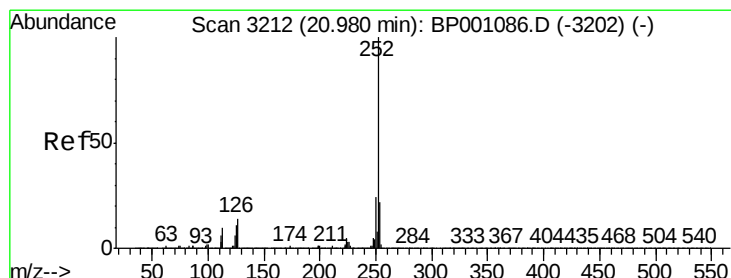
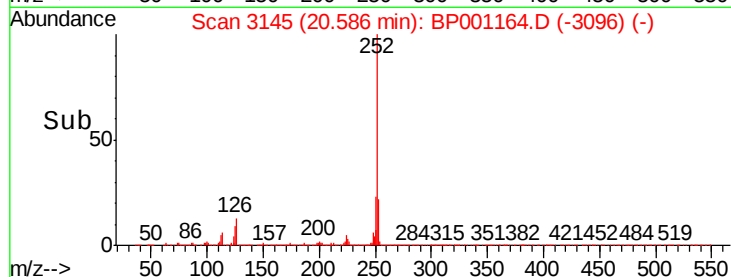
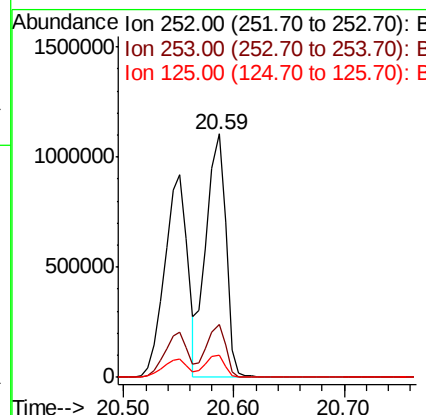
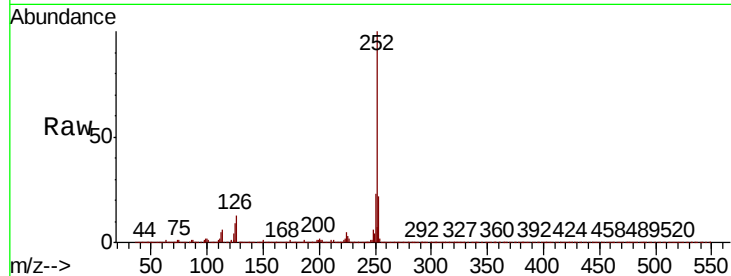




#89
Benzo(k)fluoranthene
Concen: 50.341 ng
RT: 20.59 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

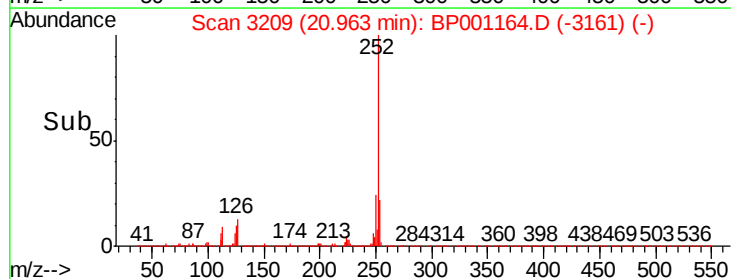
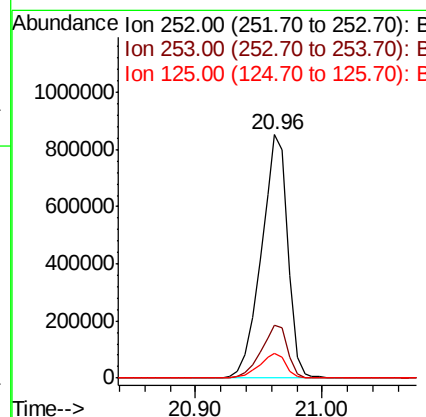
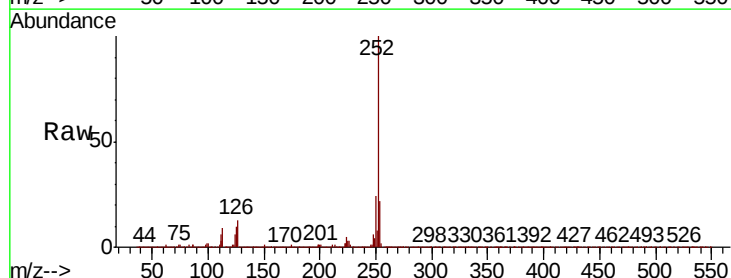
Instrument :
BNA_P
ClientSampled :

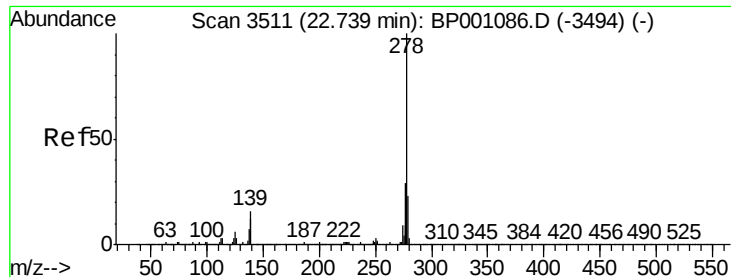
Tot Ion:252 Resp: 1346655
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 9.0 8.2 12.2



#90
Benzo(a)pyrene
Concen: 48.212 ng
RT: 20.96 min Scan# 3209
Delta R.T. -0.02 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

Tgt Ion:252 Resp: 1233397
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 10.1 8.7 13.1



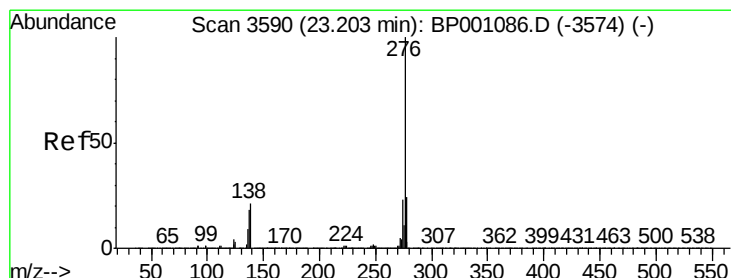
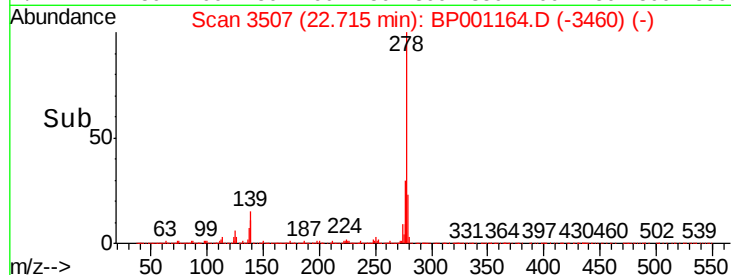
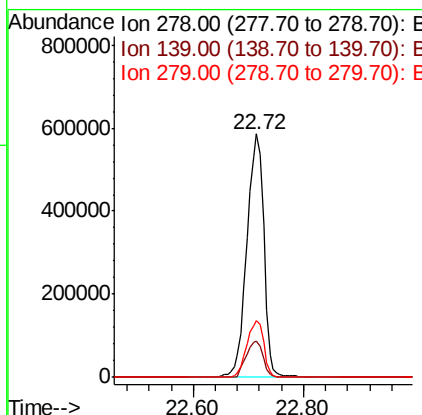
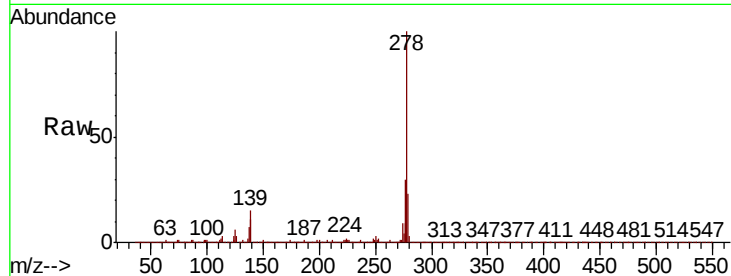


#91
Dibenzo(a,h)anthracene
Concen: 49.749 ng
RT: 22.72 min Scan# 3507
Delta R.T. -0.02 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

Instrument :
BNA_P
ClientSampleId :

Tot Ion:278 Resp: 1245509

Ion	Ratio	Lower	Upper
278	100		
139	15.1	13.0	19.4
279	23.4	18.7	28.1



#92
Benzo(g,h,i)perylene
Concen: 51.189 ng
RT: 23.19 min Scan# 3587
Delta R.T. -0.02 min
Lab File: BP001164.D
Acq: 03 Dec 2019 19:39

Tgt Ion:276 Resp: 1265467

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	19.6	17.2	25.8

