

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
 Data File : BP001180.D
 Acq On : 04 Dec 2019 05:04
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 04 06:57:27 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	117220	20.00	ng	-0.01
21) Naphthalene-d8	10.35	136	405476	20.00	ng	-0.01
39) Acenaphthene-d10	13.21	164	226081	20.00	ng	-0.02
64) Phenanthrene-d10	15.61	188	435346	20.00	ng	-0.02
76) Chrysene-d12	19.26	240	338183	20.00	ng	-0.02
87) Perylene-d12	21.03	264	363952	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	6.22	112	612798	86.73	ng	-0.01
7) Phenol-d6	7.76	99	780685	82.94	ng	0.00
23) Nitrobenzene-d5	9.20	82	817260	87.45	ng	-0.01
42) 2,4,6-Tribromophenol	14.51	330	193119	89.12	ng	-0.01
45) 2-Fluorobiphenyl	12.13	172	1306808	84.60	ng	-0.02
79) Terphenyl-d14	17.89	244	1475738	80.73	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	139463	42.259	ng	94
3) Pyridine	3.39	79	391119	42.710	ng	92
4) n-Nitrosodimethylamine	3.31	42	193329	48.787	ng	# 76
6) Aniline	7.79	93	495262	39.684	ng	# 86
8) 2-Chlorophenol	7.98	128	300982	41.174	ng	98
9) Benzaldehyde	7.61	77	243179	44.559	ng	98
10) Phenol	7.78	94	441410	41.227	ng	86
11) bis(2-Chloroethyl)ether	7.92	93	325143	38.998	ng	98
12) 1,3-Dichlorobenzene	8.22	146	362185	41.801	ng	97
13) 1,4-Dichlorobenzene	8.34	146	364524	41.764	ng	99
14) 1,2-Dichlorobenzene	8.58	146	338101	41.160	ng	99
15) Benzyl Alcohol	8.55	79	334950	43.349	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.78	45	512697	38.249	ng	99
17) 2-Methylphenol	8.73	107	262058	39.081	ng	95
18) Hexachloroethane	9.12	117	150319	41.632	ng	96
19) n-Nitroso-di-n-propylamine	8.99	70	260473	38.349	ng	95
20) 3+4-Methylphenols	8.98	107	332065	39.285	ng	97
22) Acetophenone	8.96	105	508227	42.646	ng	96
24) Nitrobenzene	9.23	77	405013	43.581	ng	98
25) Isophorone	9.62	82	677070	40.401	ng	99
26) 2-Nitrophenol	9.74	139	149046	43.785	ng	96
27) 2,4-Dimethylphenol	9.83	122	218541	40.531	ng	93
28) bis(2-Chloroethoxy)methane	9.99	93	406317	38.642	ng	99
29) 2,4-Dichlorophenol	10.13	162	258596	42.138	ng	99
30) 1,2,4-Trichlorobenzene	10.26	180	303836	42.389	ng	99
31) Naphthalene	10.39	128	858029	41.433	ng	100
32) Benzoic acid	10.00	122	160375	41.142	ng	95
33) 4-Chloroaniline	10.48	127	362470	40.335	ng	99
34) Hexachlorobutadiene	10.61	225	202112	44.824	ng	98
35) Caprolactam	11.06	113	83930	39.683	ng	99
36) 4-Chloro-3-methylphenol	11.29	107	305708	42.016	ng	100
37) 2-Methylnaphthalene	11.52	142	574604	40.664	ng	98
38) 1-Methylnaphthalene	11.68	142	545247	40.847	ng	98
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	305264	42.845	ng	100

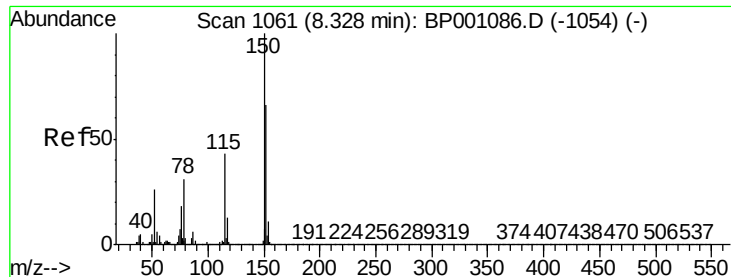
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
 Data File : BP001180.D
 Acq On : 04 Dec 2019 05:04
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.79	237	113722	34.599	ng	99
43) 2,4,6-Trichlorophenol	11.98	196	196300	42.197	ng	99
44) 2,4,5-Trichlorophenol	12.03	196	199444	41.378	ng	95
46) 1,1'-Biphenyl	12.29	154	720895	41.259	ng	99
47) 2-Chloronaphthalene	12.30	162	577224	41.359	ng	97
48) 2-Nitroaniline	12.48	65	239187	43.728	ng	99
49) Acenaphthylene	12.98	152	865493	41.371	ng	99
50) Dimethylphthalate	12.81	163	693357	41.006	ng	100
51) 2,6-Dinitrotoluene	12.89	165	146616	40.507	ng	88
52) Acenaphthene	13.27	154	520071	41.327	ng	99
53) 3-Nitroaniline	13.15	138	164962	40.571	ng	96
54) 2,4-Dinitrophenol	13.32	184	49488	37.607	ng	93
55) Dibenzofuran	13.55	168	792161	41.891	ng	96
56) 4-Nitrophenol	13.44	139	120514	41.828	ng	84
57) 2,4-Dinitrotoluene	13.54	165	196716	43.358	ng	88
58) Fluorene	14.12	166	638960	42.168	ng	99
59) 2,3,4,6-Tetrachlorophenol	13.76	232	165018	41.649	ng	96
60) Diethylphthalate	13.97	149	706211	40.337	ng	100
61) 4-Chlorophenyl-phenylether	14.13	204	317782	41.184	ng	98
62) 4-Nitroaniline	12.48	138	196348	41.652	ng	95
63) Azobenzene	14.39	77	770230	40.700	ng	96
65) 4,6-Dinitro-2-methylphenol	14.20	198	61334	34.830	ng	95
66) n-Nitrosodiphenylamine	14.33	169	536513	40.560	ng	100
67) 4-Bromophenyl-phenylether	14.93	248	190629	40.333	ng	92
68) Hexachlorobenzene	15.01	284	213637	41.115	ng	96
69) Atrazine	15.22	200	163767	40.548	ng	98
70) Pentachlorophenol	15.32	266	109903	40.581	ng	99
71) Phenanthrene	15.65	178	951146	41.557	ng	100
72) Anthracene	15.72	178	946704	41.966	ng	99
73) Carbazole	15.97	167	867701	42.270	ng	99
74) Di-n-butylphthalate	16.52	149	1105517	40.055	ng	99
75) Fluoranthene	17.36	202	1047660	43.238	ng	98
77) Benzidine	17.55	184	343558	39.346	ng	99
78) Pyrene	17.66	202	1059985	39.795	ng	100
80) Butylbenzylphthalate	18.55	149	489171	39.761	ng	99
81) Benzo(a)anthracene	19.24	228	951429	40.577	ng	100
82) 3,3'-Dichlorobenzidine	19.21	252	327058	42.222	ng	100
83) Chrysene	19.29	228	890869	42.430	ng	99
84) Bis(2-ethylhexyl)phthalate	19.30	149	640266	37.852	ng	99
85) Di-n-octyl phthalate	20.07	149	1128124	37.545	ng	98
86) Indeno(1,2,3-cd)pyrene	22.67	276	1008082	40.739	ng	97
88) Benzo(b)fluoranthene	20.54	252	916761	41.240	ng	99
89) Benzo(k)fluoranthene	20.57	252	877906	41.003	ng	98
90) Benzo(a)pyrene	20.96	252	843252	41.182	ng	98
91) Dibenzo(a,h)anthracene	22.70	278	828340	41.338	ng	98
92) Benzo(g,h,i)perylene	23.16	276	814284	41.153	ng	97

(#) = 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: BP001180.D

Acq: 04 Dec 2019 05:04

Instrument :

BNA_P

ClientSampleId :

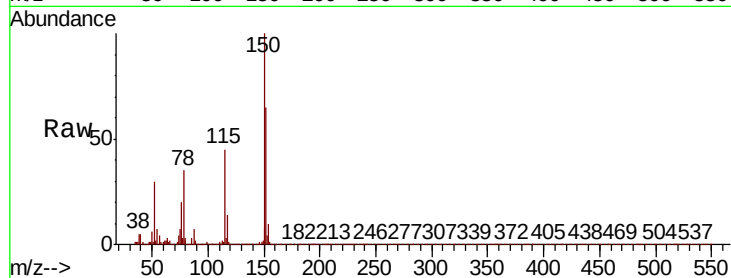
Tot Ion:152 Resp: 117220

Ion Ratio Lower Upper

152 100

150 154.2 120.6 181.0

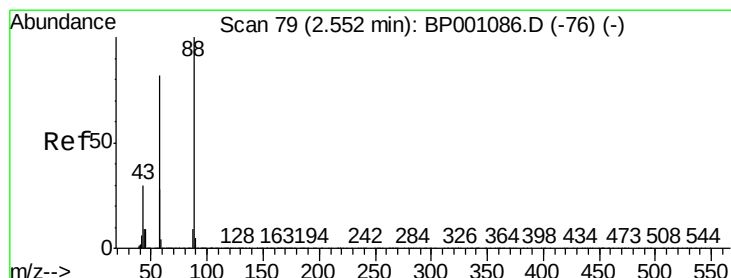
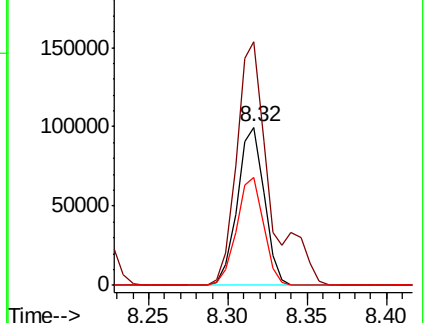
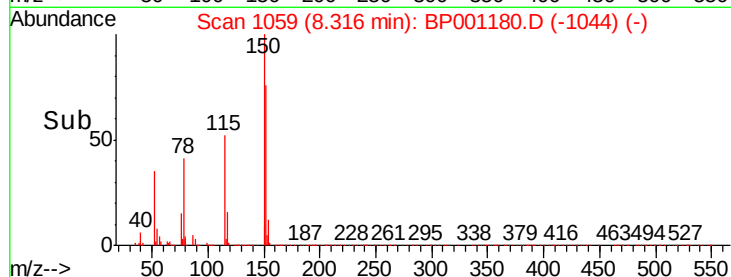
115 68.8 51.6 77.4



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: 42.259 ng

RT: 2.55 min Scan# 78

Delta R.T. -0.01 min

Lab File: BP001180.D

Acq: 04 Dec 2019 05:04

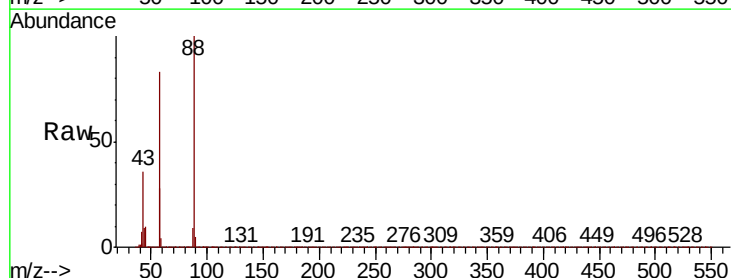
Tgt Ion: 88 Resp: 139463

Ion Ratio Lower Upper

88 100

58 84.5 64.3 96.5

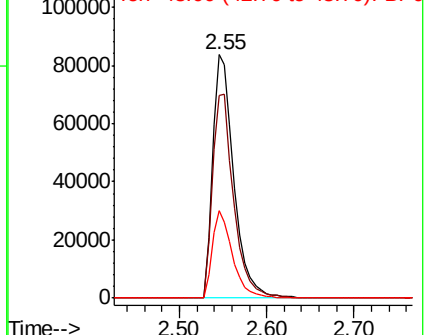
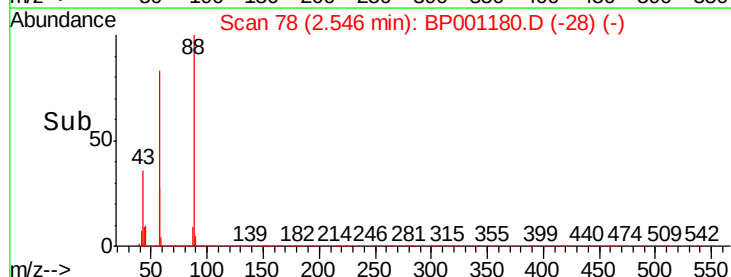
43 34.2 23.8 35.6

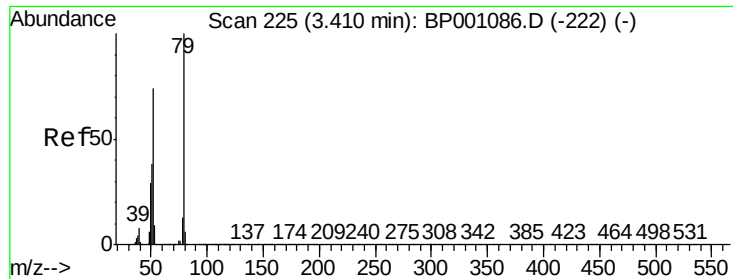


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0

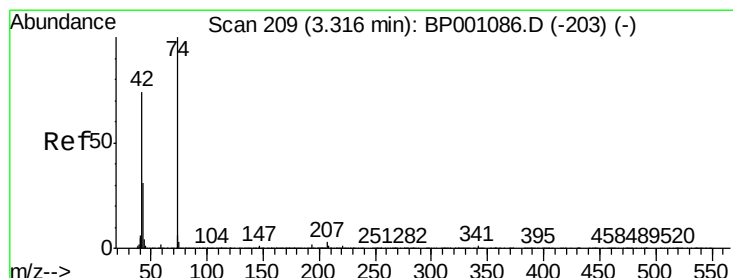
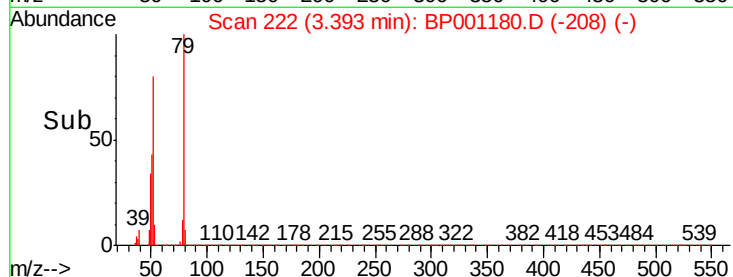
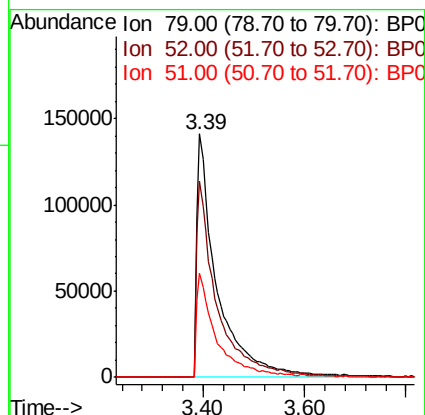
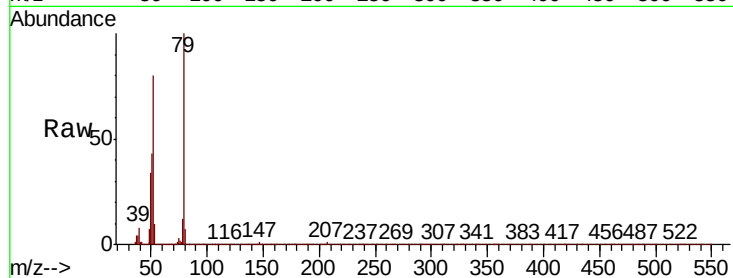




#3
 Pvridine
 Concen: 42.710 ng
 RT: 3.39 min Scan# 222
 Delta R.T. -0.02 min
 Lab File: BP001180.D
 Acq: 04 Dec 2019 05:04

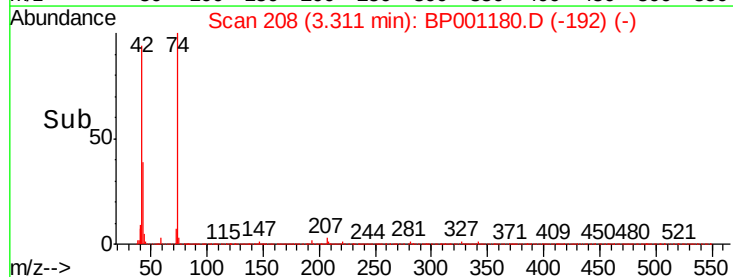
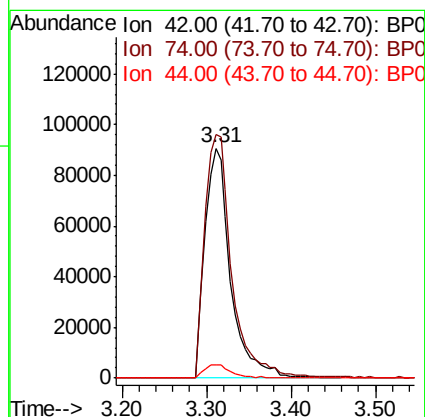
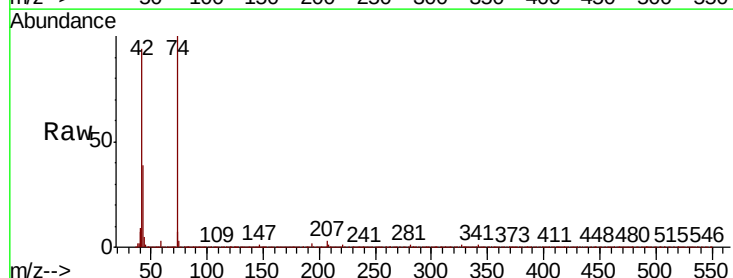
Instrument :
 BNA_P
 ClientSampleId :

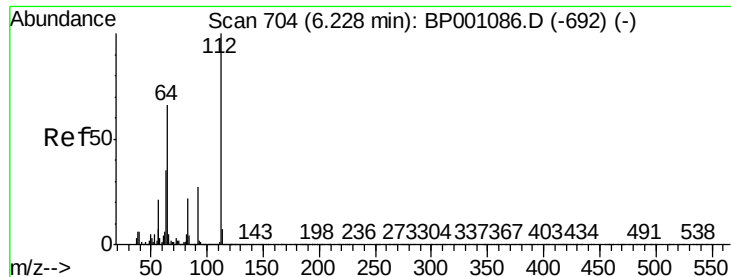
Tot Ion: 79 Resp: 391119
 Ion Ratio Lower Upper
 79 100
 52 80.5 59.4 89.2
 51 42.9 30.2 45.4



#4
 n-Nitrosodimethylamine
 Concen: 48.787 ng
 RT: 3.31 min Scan# 208
 Delta R.T. -0.01 min
 Lab File: BP001180.D
 Acq: 04 Dec 2019 05:04

Tgt Ion: 42 Resp: 193329
 Ion Ratio Lower Upper
 42 100
 74 105.8 108.6 163.0#
 44 5.6 5.1 7.7





#5

2-Fluorophenol

Concen: 86.733 ng

RT: 6.22 min Scan# 702

Delta R.T. -0.01 min

Lab File: BP001180.D

Acq: 04 Dec 2019 05:04

Instrument :

BNA_P

ClientSampleId :

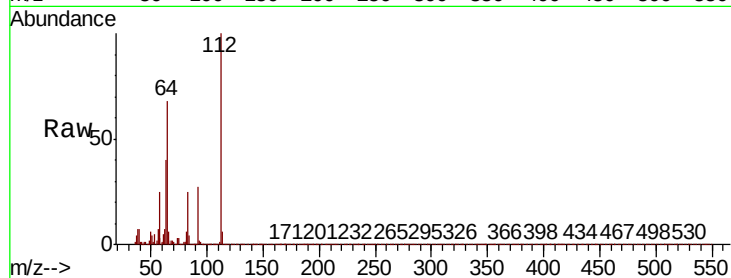
Tot Ion: 112 Resp: 612798

Ion Ratio Lower Upper

112 100

64 68.1 52.8 79.2

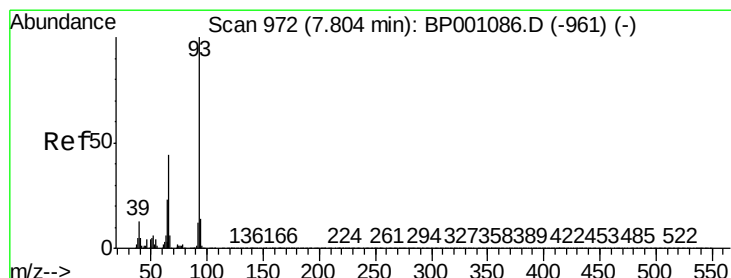
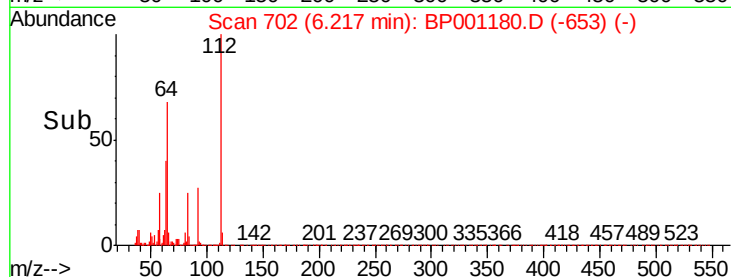
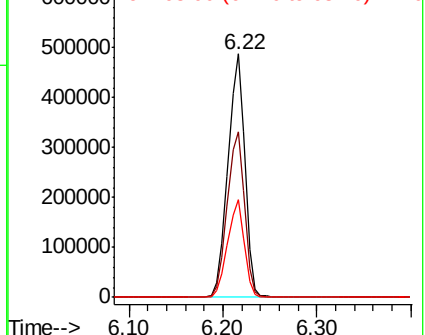
63 40.0 28.2 42.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 39.684 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BP001180.D

Acq: 04 Dec 2019 05:04

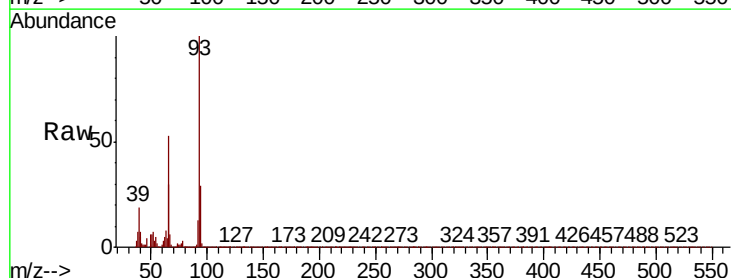
Tgt Ion: 93 Resp: 495262

Ion Ratio Lower Upper

93 100

66 53.2 34.9 52.3#

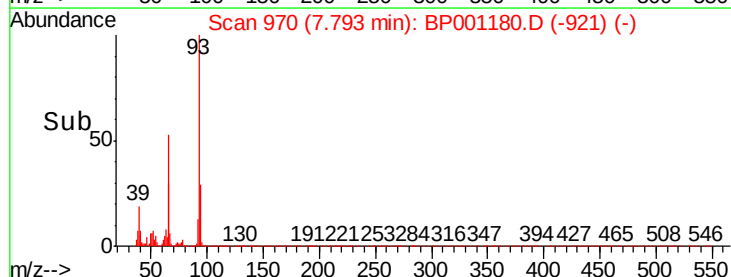
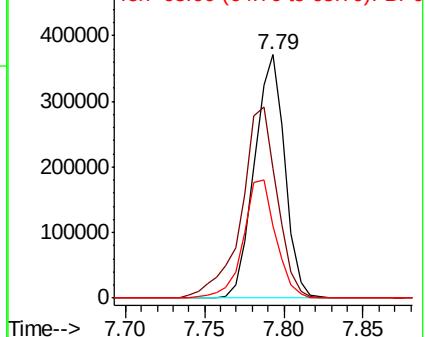
65 29.6 18.5 27.7#

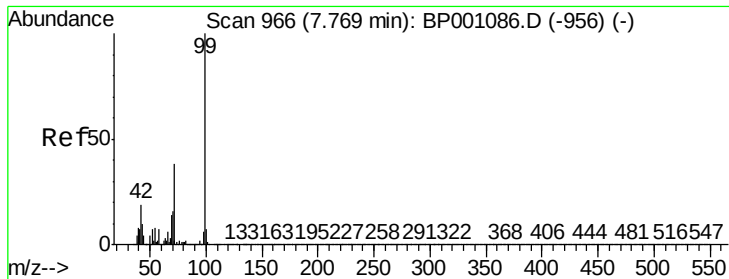


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 82.939 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BP001180.D

Acq: 04 Dec 2019 05:04

Instrument :

BNA_P

ClientSampleId :

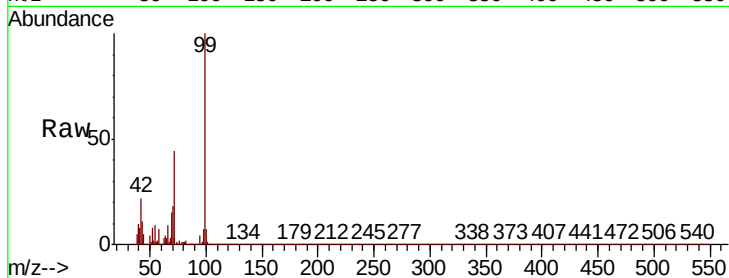
Tot Ion: 99 Resp: 780685

Ion Ratio Lower Upper

99 100

42 21.8 15.4 23.0

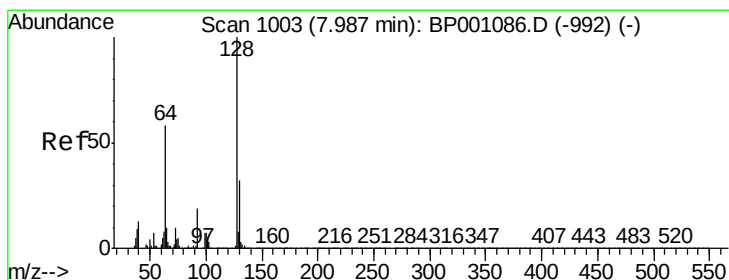
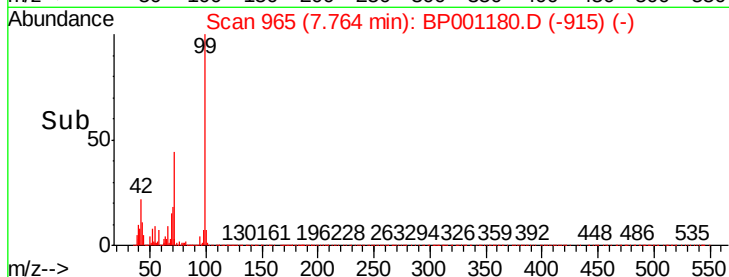
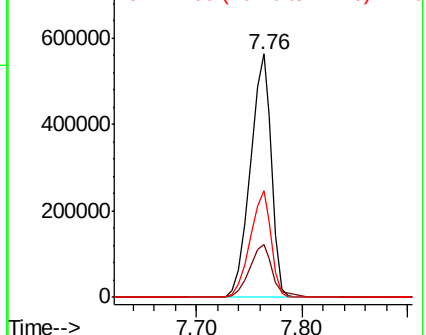
71 43.9 30.8 46.2



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: 41.174 ng

RT: 7.98 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BP001180.D

Acq: 04 Dec 2019 05:04

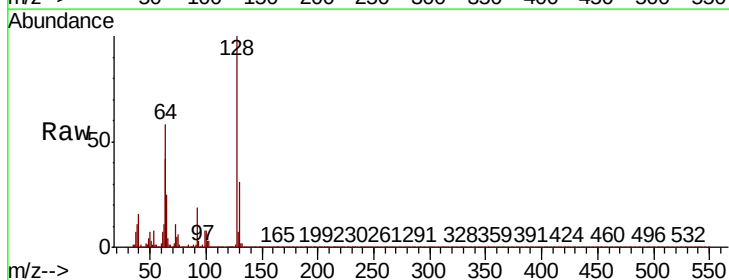
Tgt Ion: 128 Resp: 300982

Ion Ratio Lower Upper

128 100

130 30.7 11.7 51.7

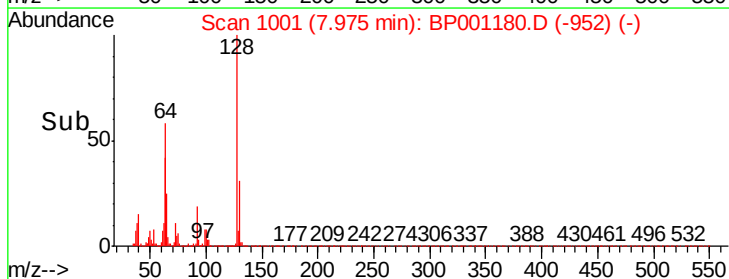
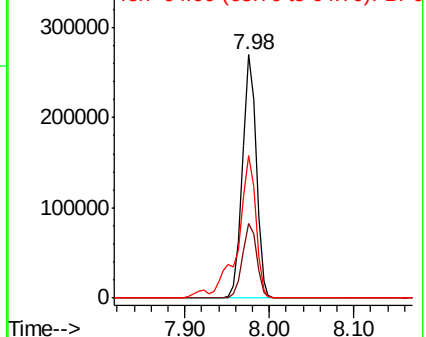
64 58.4 39.7 79.7

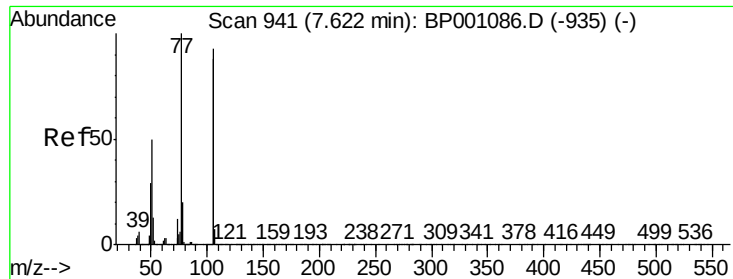


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 44.559 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BP001180.D

Acq: 04 Dec 2019 05:04

Instrument :

BNA_P

ClientSampled :

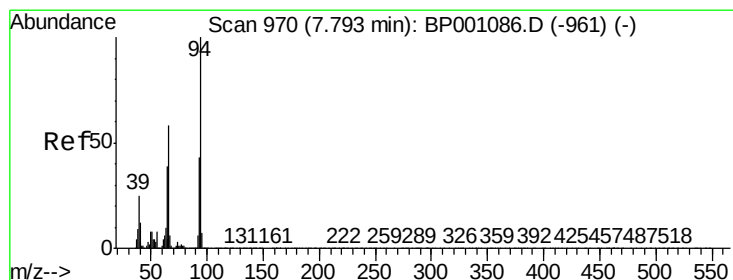
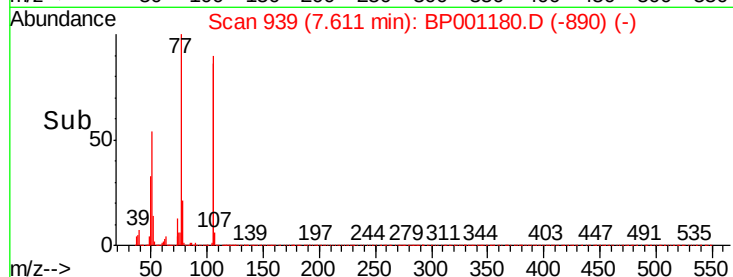
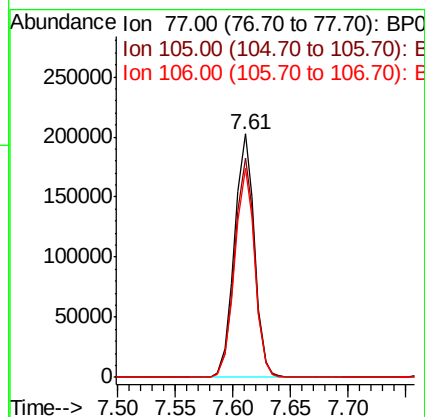
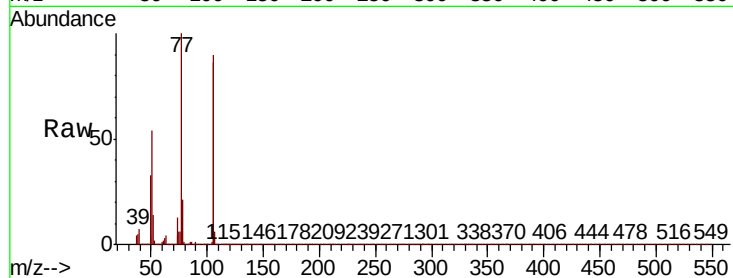
Tot Ion: 77 Resp: 243179

Ion Ratio Lower Upper

77 100

105 89.9 72.5 112.5

106 85.7 67.6 107.6



#10

Phenol

Concen: 41.227 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BP001180.D

Acq: 04 Dec 2019 05:04

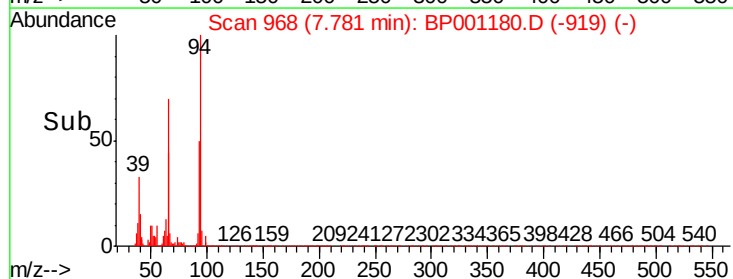
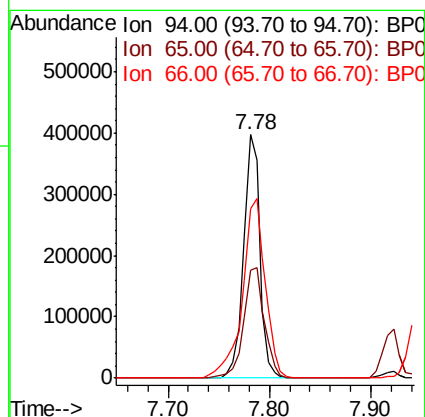
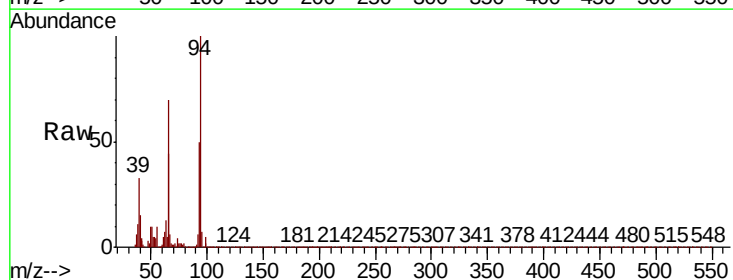
Tgt Ion: 94 Resp: 441410

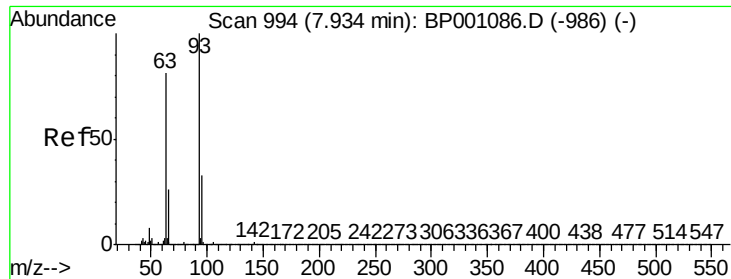
Ion Ratio Lower Upper

94 100

65 44.4 18.6 58.6

66 69.8 37.6 77.6

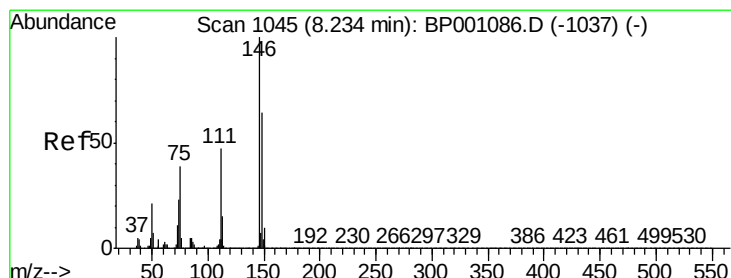
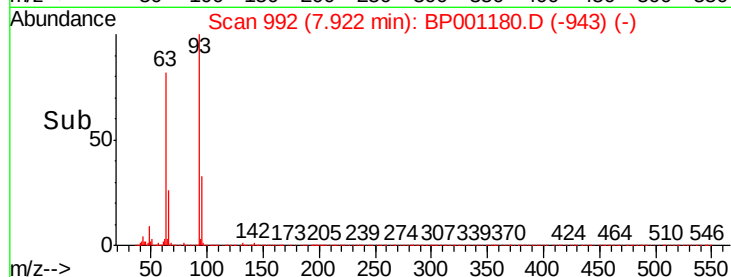
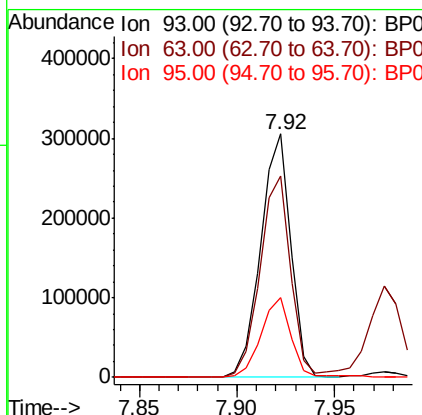
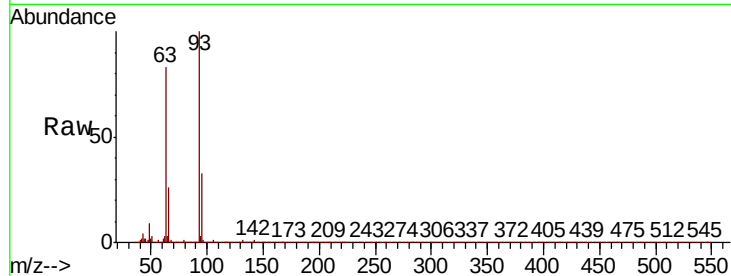




#11
bis(2-Chloroethyl)ether
Concen: 38.998 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

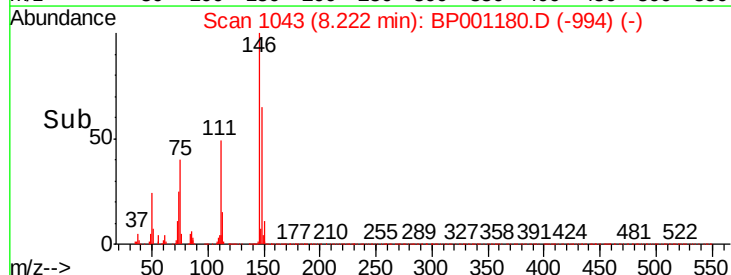
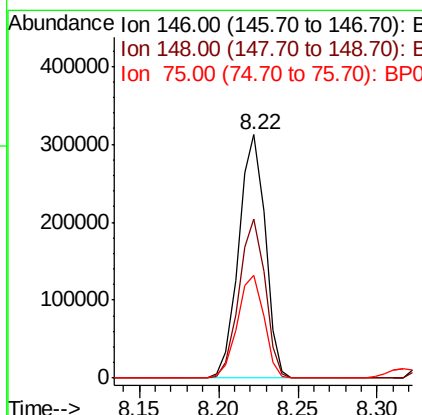
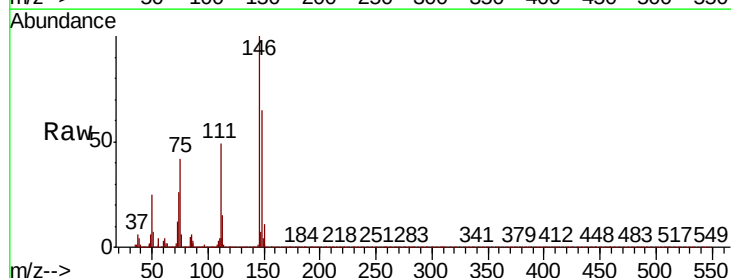
Instrument :
BNA_P
ClientSampleId :

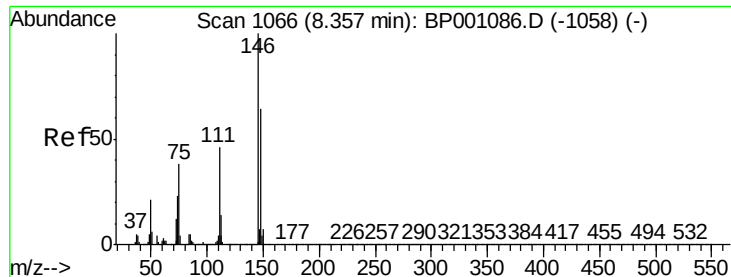
Tot Ion	Ratio	Lower	Upper
93	100		
63	82.5	60.7	100.7
95	32.8	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 41.801 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.1	76.7
75	42.3	31.3	46.9

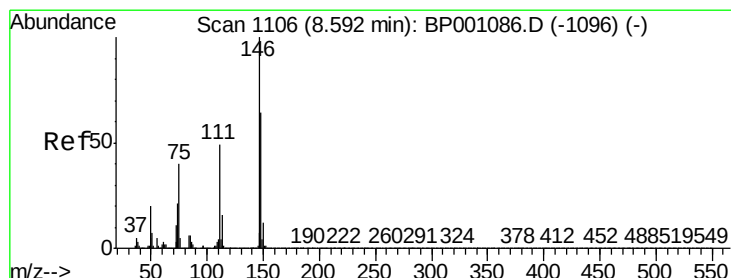
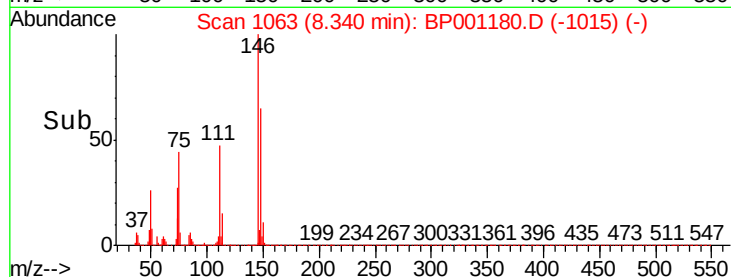
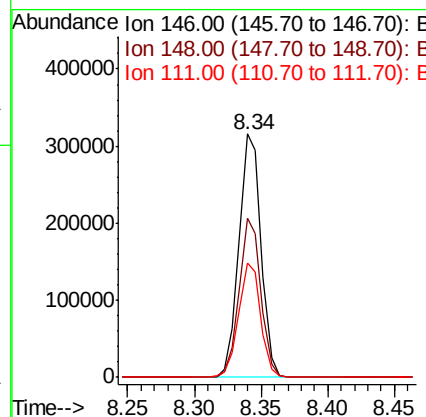
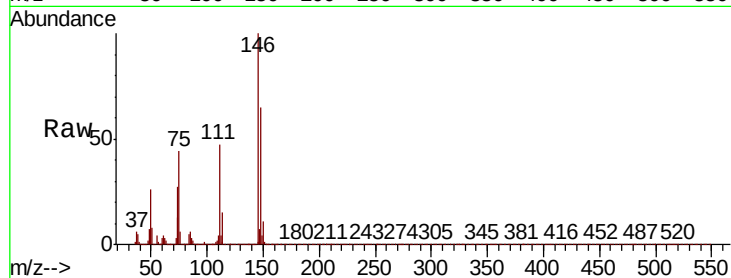




#13
1,4-Dichlorobenzene
Concen: 41.764 ng
RT: 8.34 min Scan# 1063
Delta R.T. -0.02 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

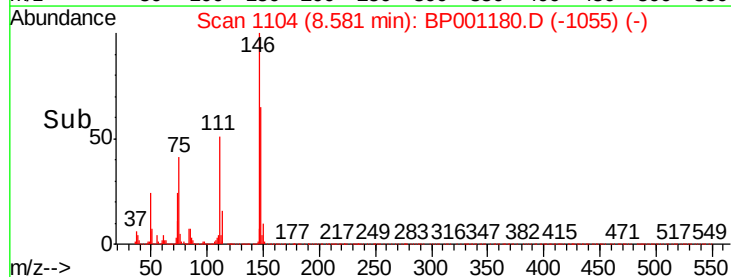
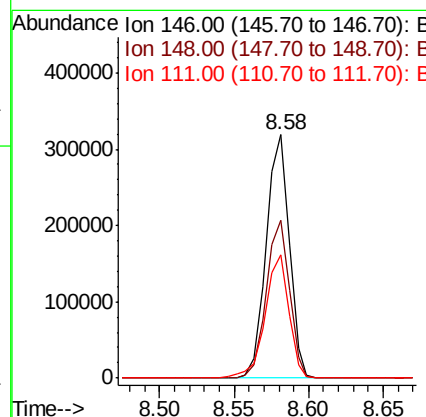
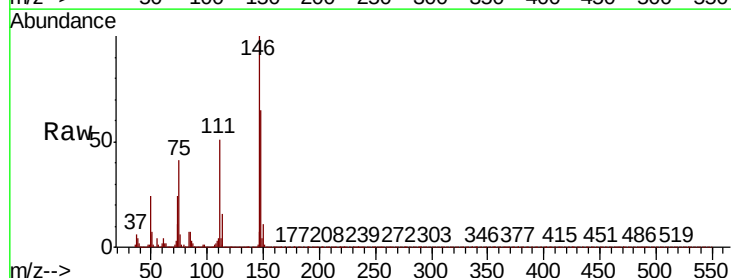
Instrument :
BNA_P
ClientSampleId :

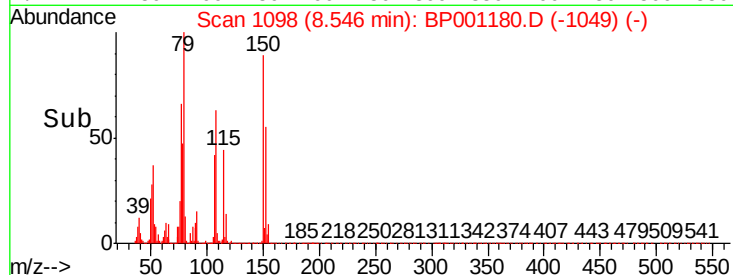
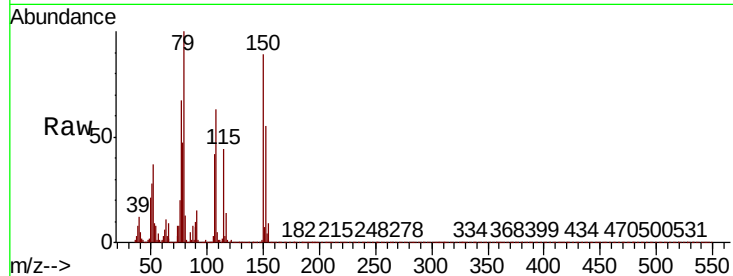
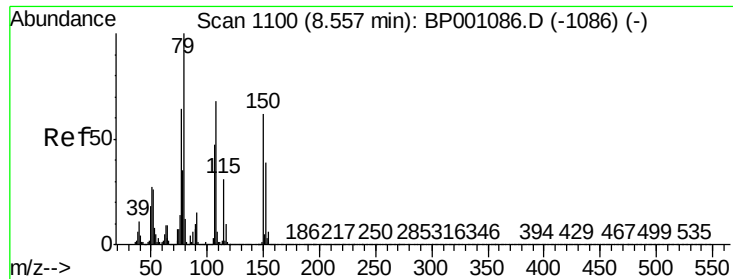
Tot Ion:146 Resp: 364524
Ion Ratio Lower Upper
146 100
148 65.1 51.6 77.4
111 47.2 37.0 55.6



#14
1,2-Dichlorobenzene
Concen: 41.160 ng
RT: 8.58 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

Tgt Ion:146 Resp: 338101
Ion Ratio Lower Upper
146 100
148 64.7 51.5 77.3
111 50.8 39.3 58.9

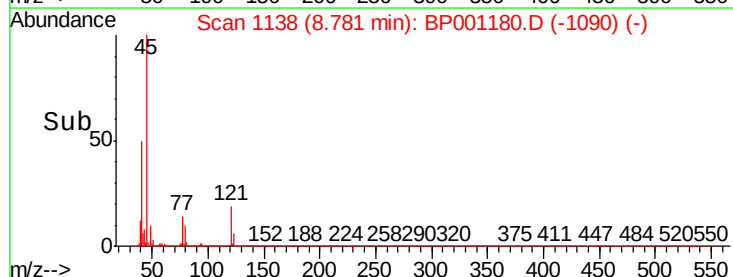
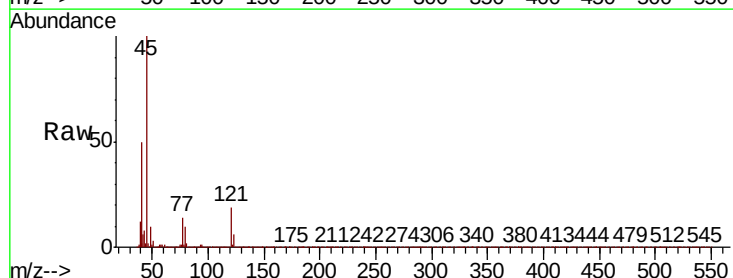
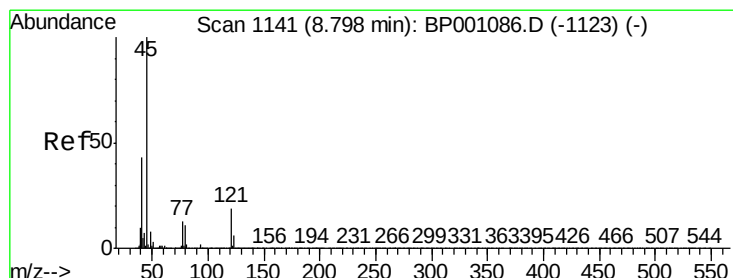
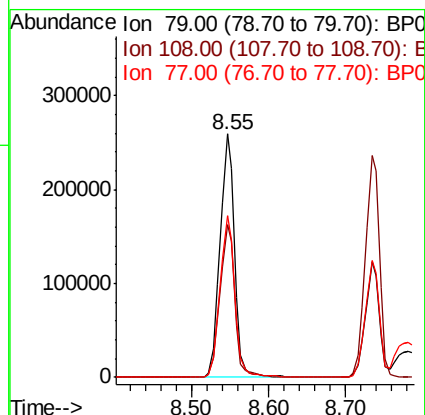




#15
Benzvl Alcohol
Concen: 43.349 ng
RT: 8.55 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

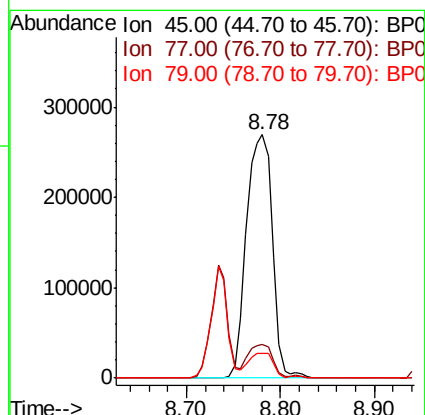
Instrument :
BNA_P
ClientSampleId :

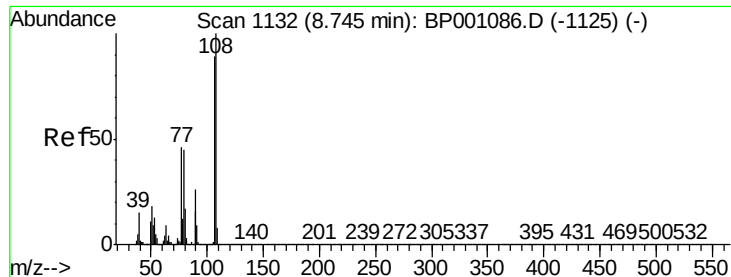
Tot Ion	Ratio	Lower	Upper
79	100		
108	62.7	54.8	82.2
77	66.5	51.4	77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.249 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.8	0.0	33.3
79	10.3	0.0	30.9

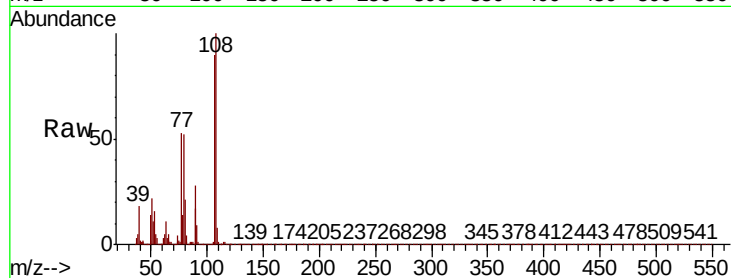




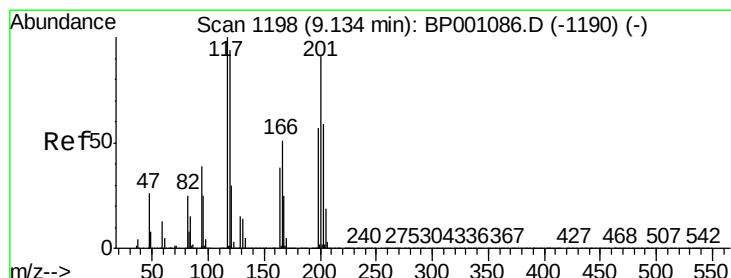
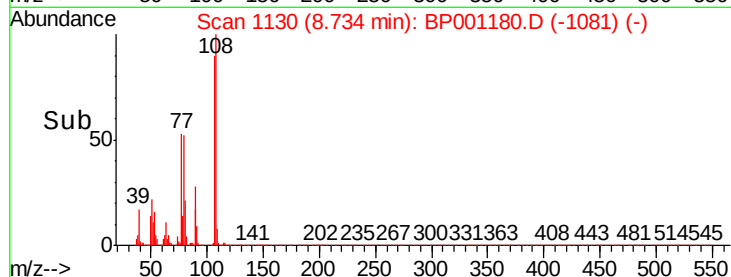
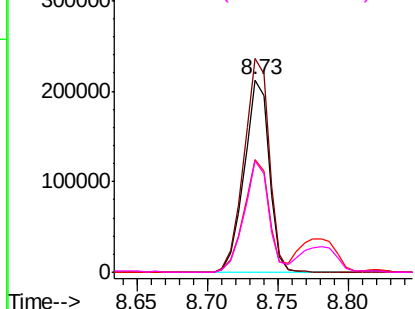
#17
2-Methylphenol
Concen: 39.081 ng
RT: 8.73 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	107	Resp:	262058
Ion	Ratio	Lower	Upper
107	100		
108	111.0	89.8	134.6
77	58.9	41.4	62.2
79	57.9	40.6	61.0

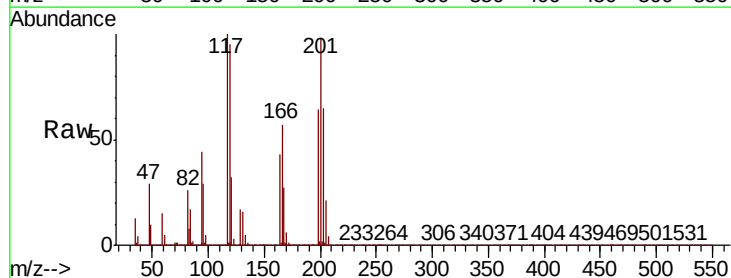


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BP0
Ion 79.00 (78.70 to 79.70): BP0

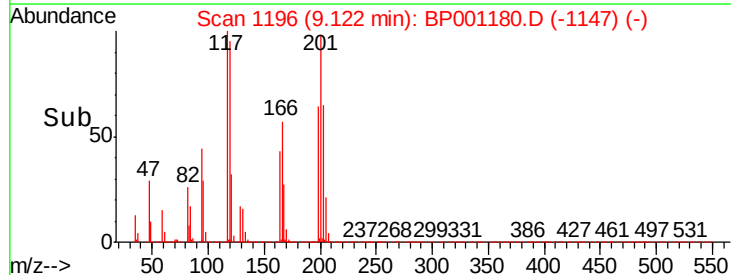
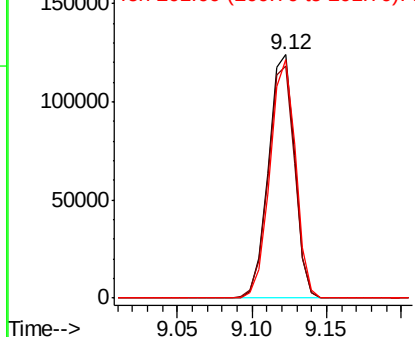


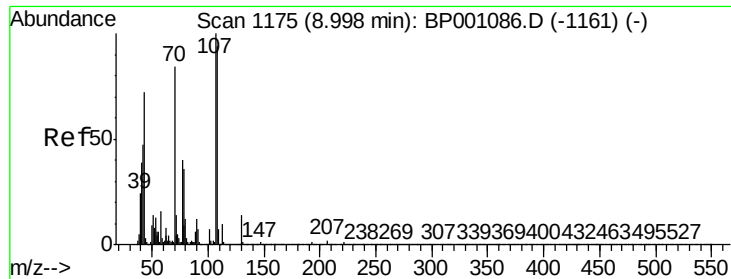
#18
Hexachloroethane
Concen: 41.632 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

Tgt Ion:	117	Resp:	150319
Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.2	112.8
201	97.8	72.5	108.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

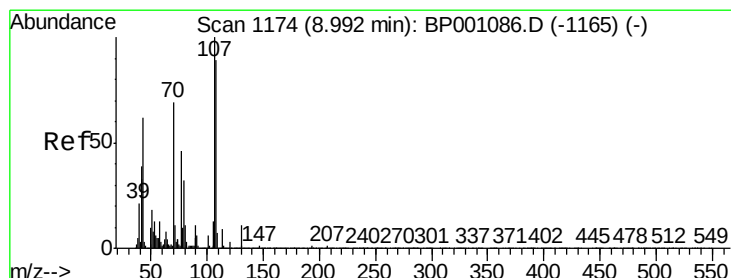
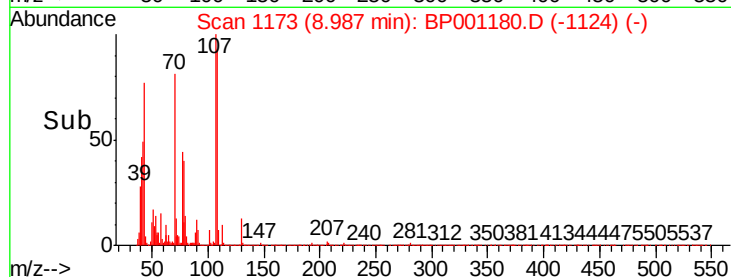
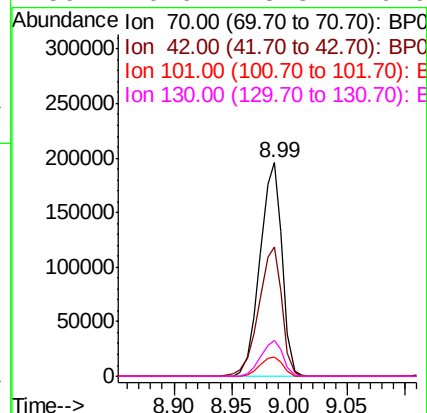
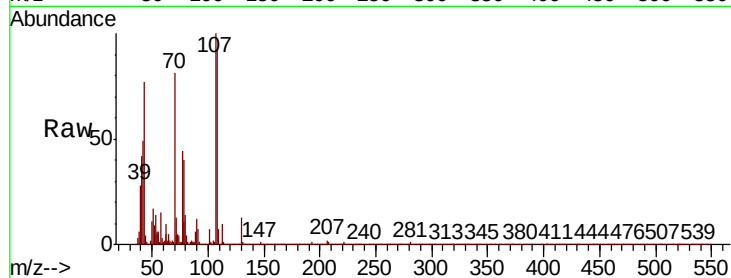




#19
n-Nitroso-di-n-propylamine
Concen: 38.349 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

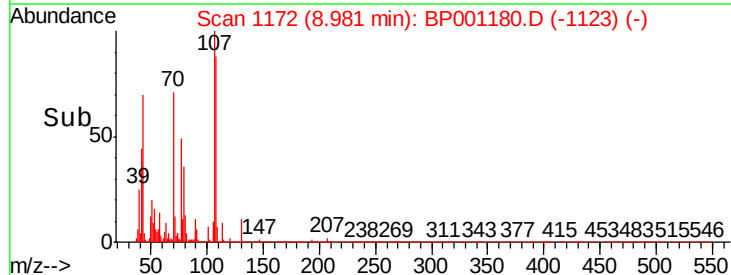
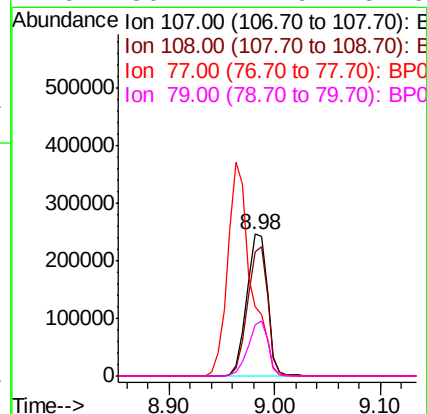
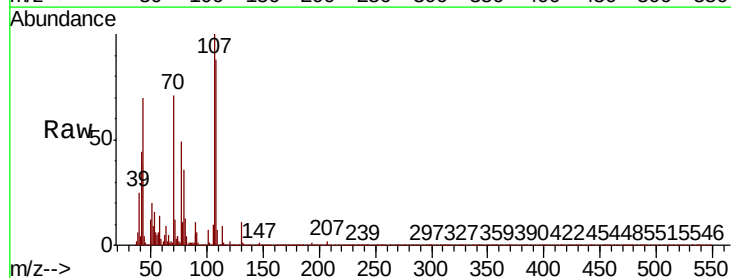
Instrument :
BNA_P
ClientSampleId :

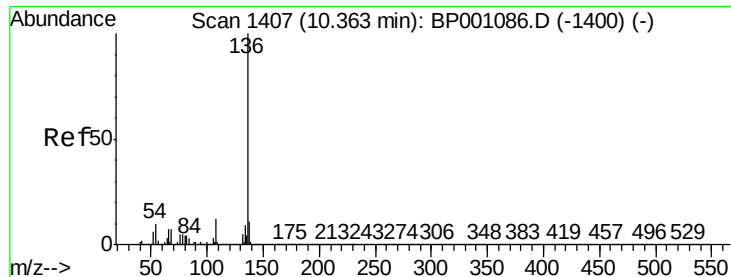
Tot Ion:	70	Resp:	260473
Ion	Ratio	Lower	Upper
70	100		
42	60.8	44.6	66.8
101	9.0	7.1	10.7
130	16.6	13.8	20.6



#20
3+4-Methylphenols
Concen: 39.285 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

Tgt Ion:	107	Resp:	332065
Ion	Ratio	Lower	Upper
107	100		
108	88.0	68.9	108.9
77	49.1	25.9	65.9
79	36.1	11.9	51.9

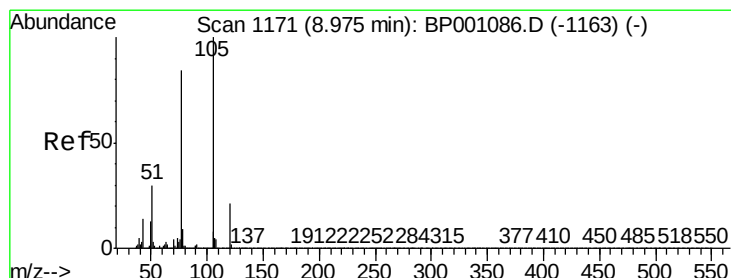
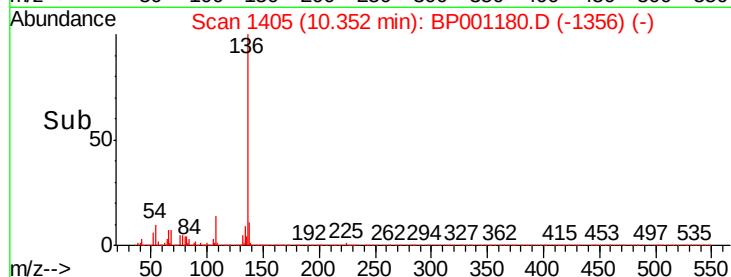
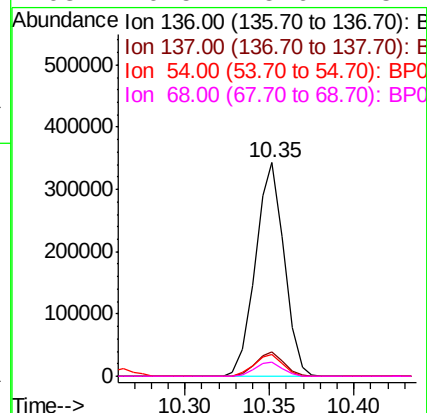
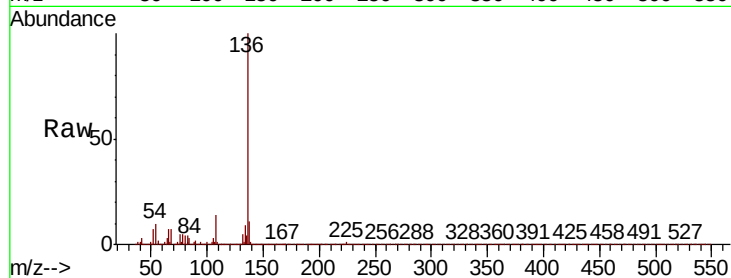




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

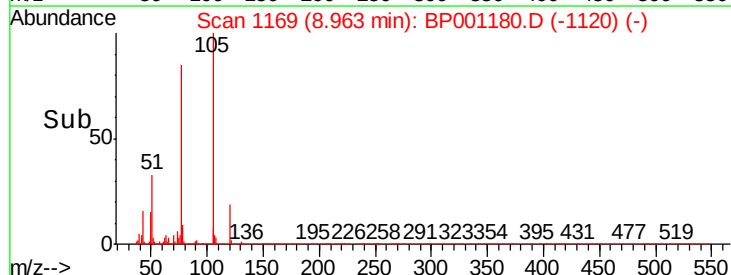
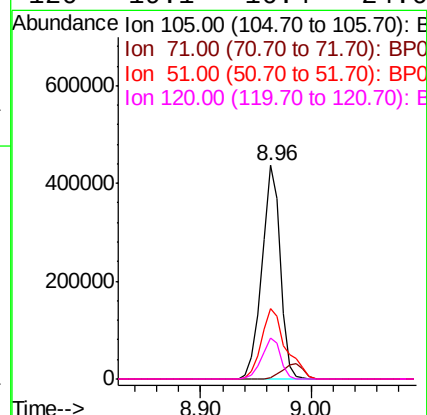
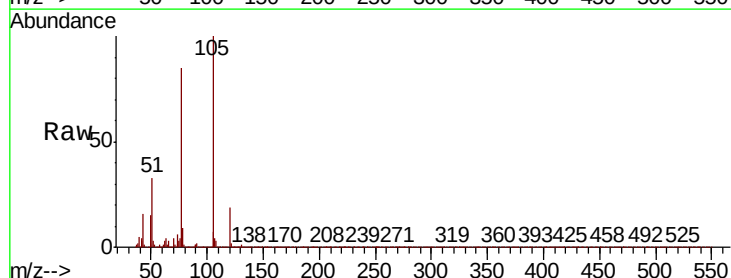
Instrument :
BNA_P
ClientSampled :

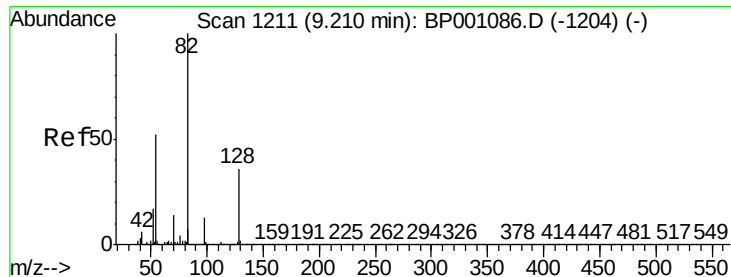
Tot Ion:136	Resp:	405476
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	9.9	7.9 11.9
68	6.5	5.6 8.4



#22
Acetophenone
Concen: 42.646 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

Tgt Ion:105	Resp:	508227
Ion Ratio	Lower	Upper
105	100	
71	0.6	0.5 0.7
51	32.8	24.2 36.4
120	19.1	16.4 24.6

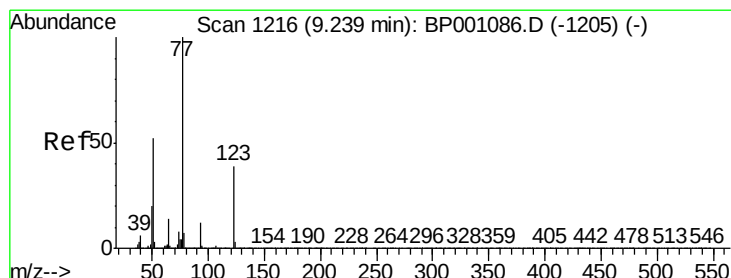
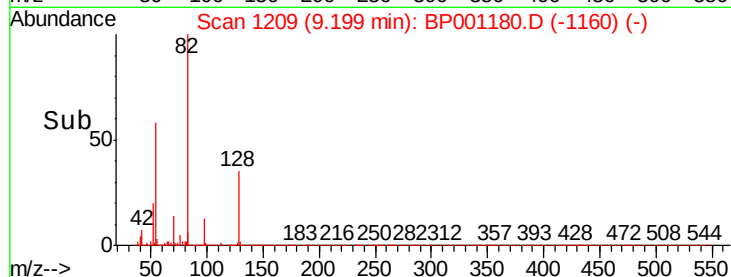
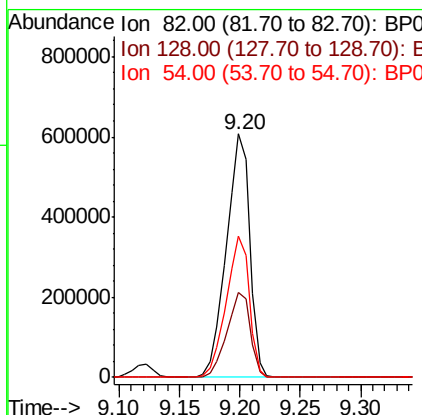
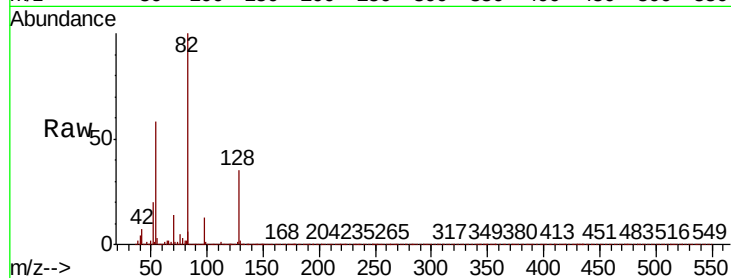




#23
 Nitrobenzene-d5
 Concen: 87.447 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BP001180.D
 Acq: 04 Dec 2019 05:04

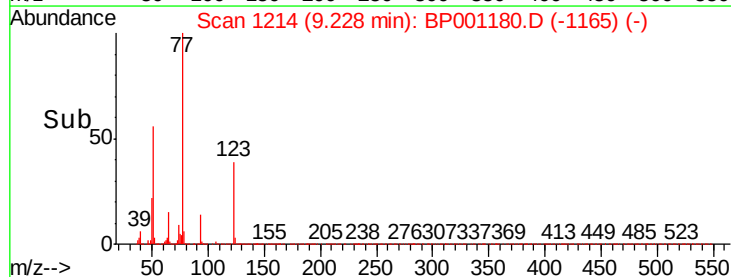
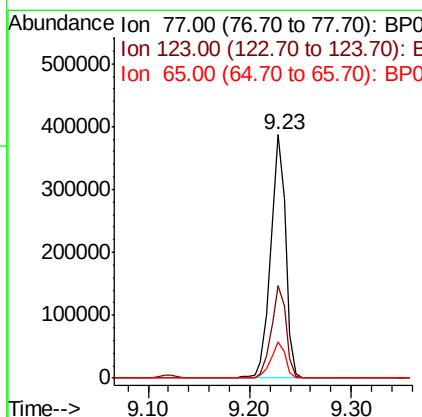
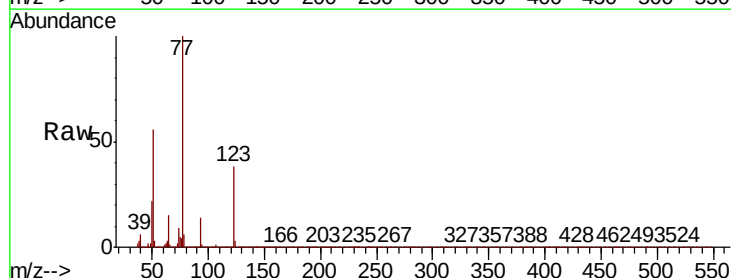
Instrument :
 BNA_P
 ClientSampleId :

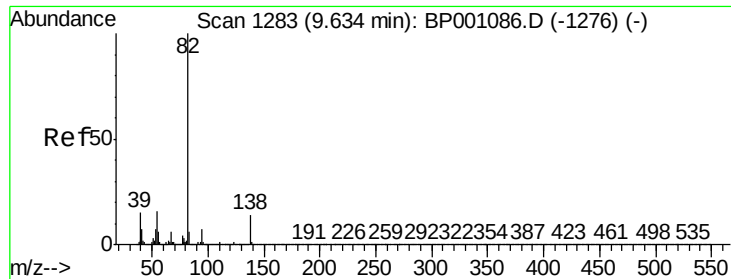
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.7	28.9	43.3
54	57.9	41.9	62.9



#24
 Nitrobenzene
 Concen: 43.581 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BP001180.D
 Acq: 04 Dec 2019 05:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.8	31.0	46.4
65	15.0	11.0	16.6

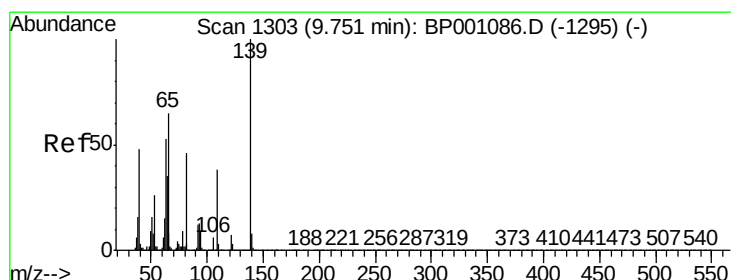
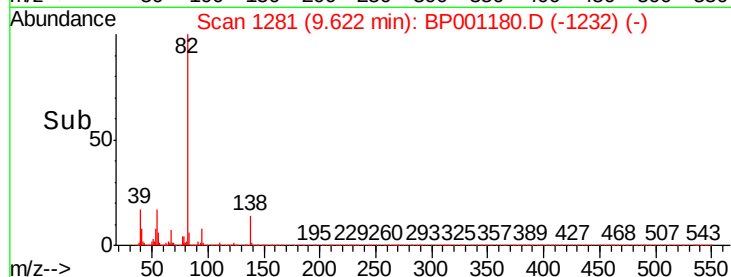
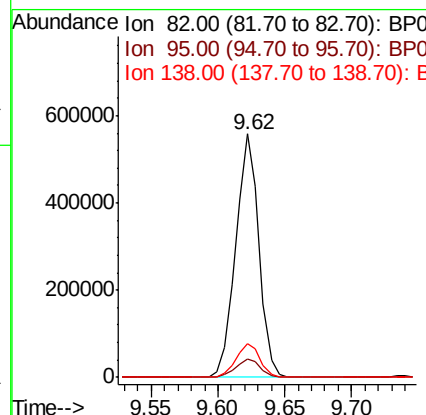
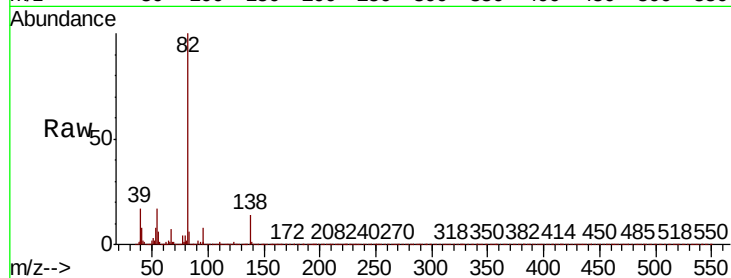




#25
Isophorone
Concen: 40.401 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

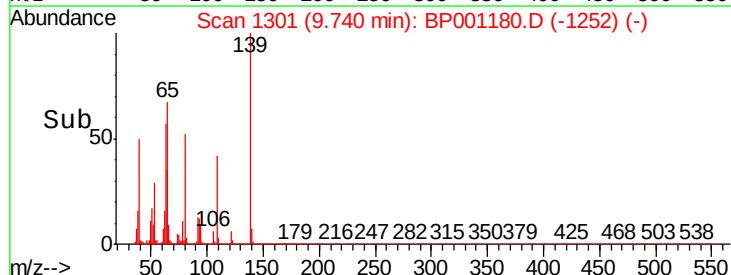
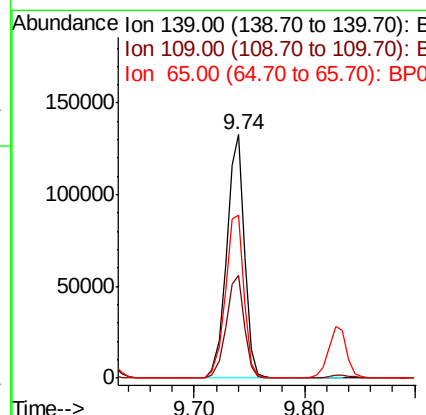
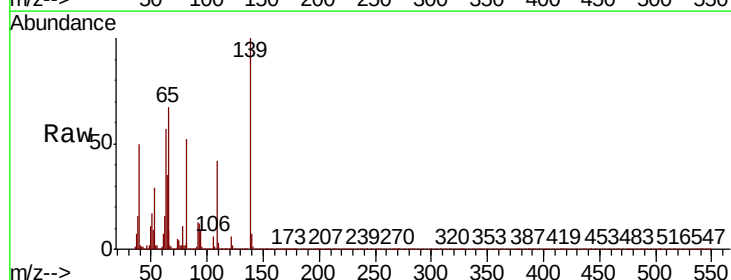
Instrument :
BNA_P
ClientSampleId :

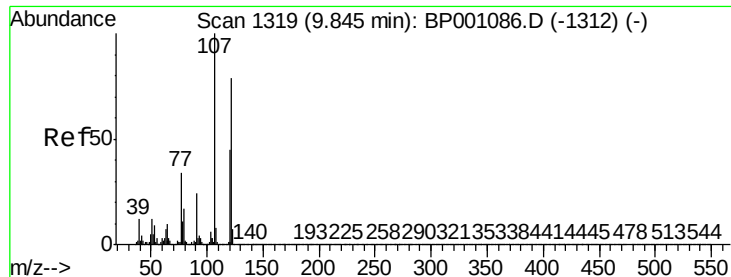
Tot Ion: 82 Resp: 677070
Ion Ratio Lower Upper
82 100
95 7.7 5.7 8.5
138 14.0 11.3 16.9



#26
2-Nitrophenol
Concen: 43.785 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

Tgt Ion:139 Resp: 149046
Ion Ratio Lower Upper
139 100
109 42.4 30.6 45.8
65 67.1 51.8 77.8





#27

2,4-Dimethylphenol

Concen: 40.531 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.02 min

Lab File: BP001180.D

Acq: 04 Dec 2019 05:04

Instrument :

BNA_P

ClientSampleId :

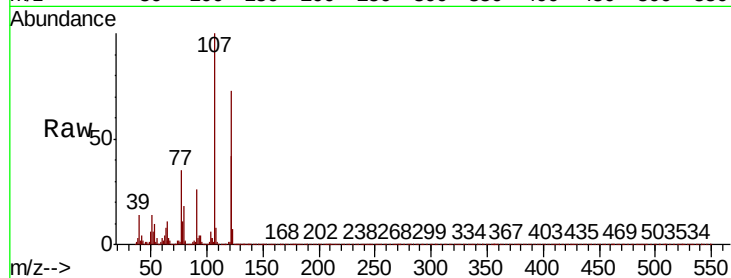
Tot Ion:122 Resp: 218541

Ion Ratio Lower Upper

122 100

107 137.9 101.9 152.9

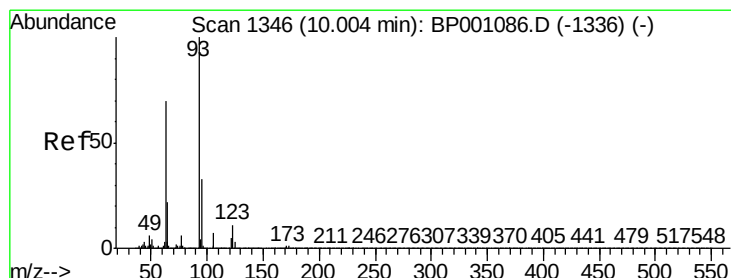
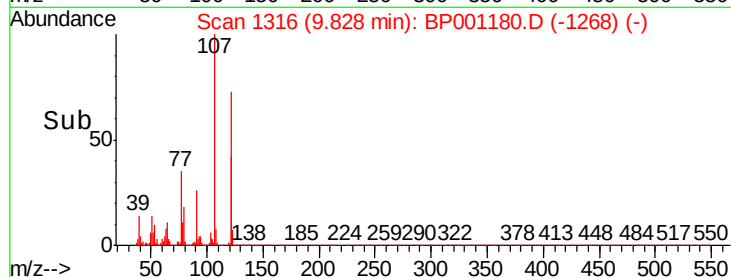
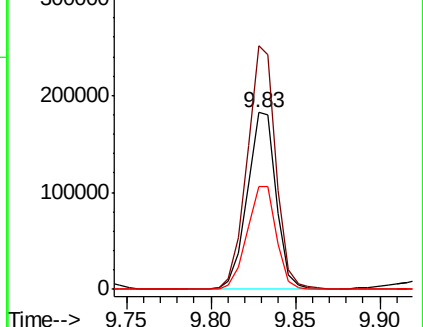
121 58.5 46.1 69.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.642 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BP001180.D

Acq: 04 Dec 2019 05:04

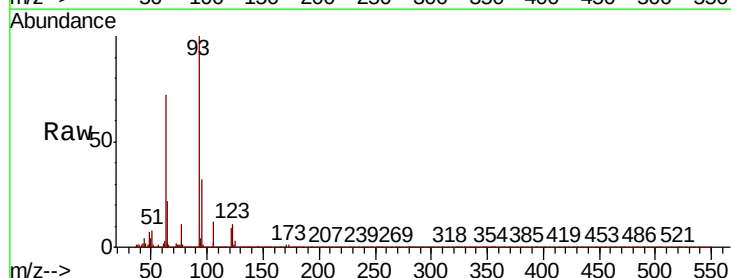
Tgt Ion: 93 Resp: 406317

Ion Ratio Lower Upper

93 100

95 31.9 26.0 39.0

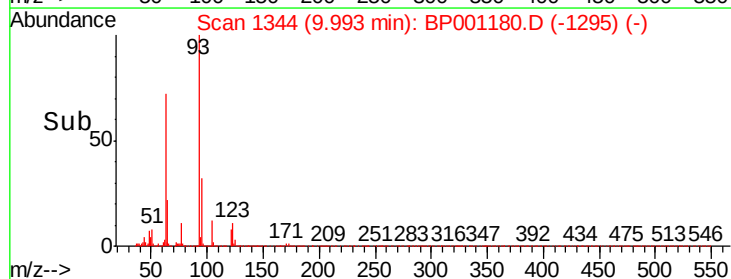
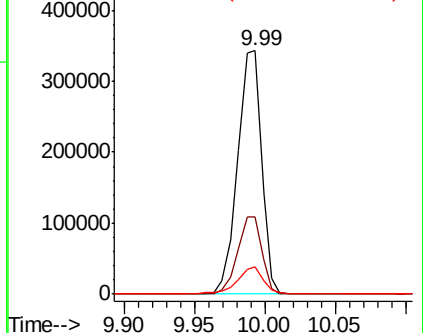
123 11.0 8.9 13.3

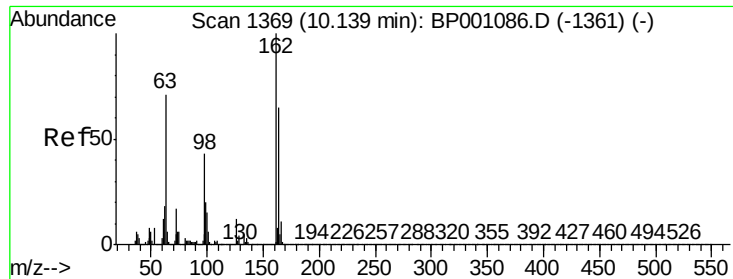


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E

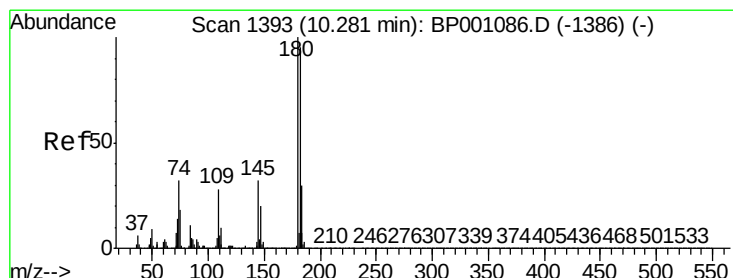
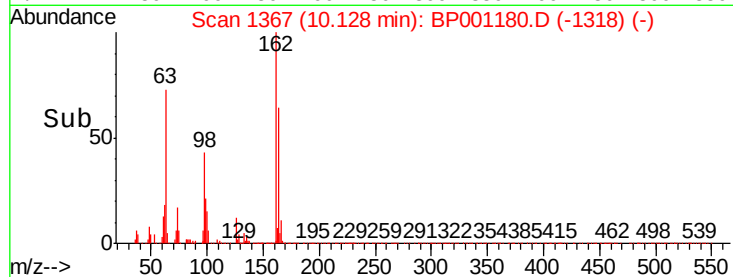
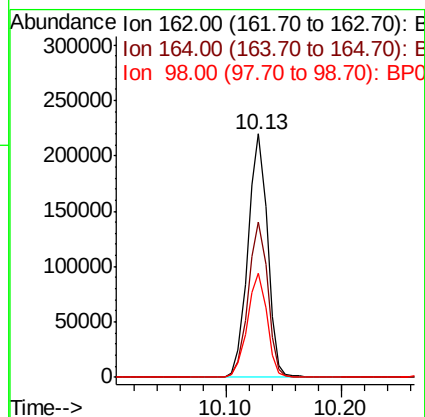
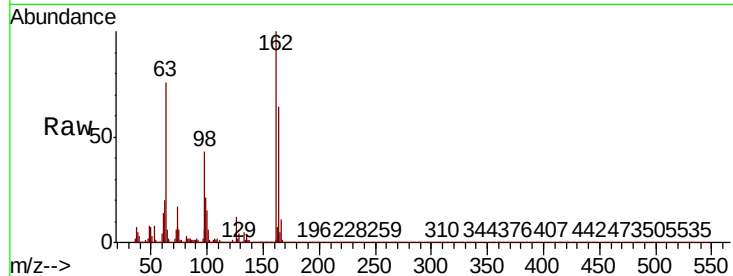




#29
2,4-Dichlorophenol
Concen: 42.138 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

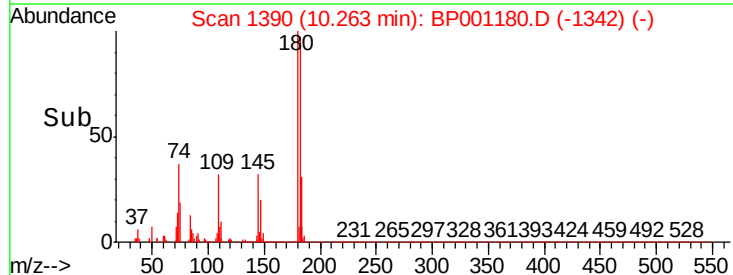
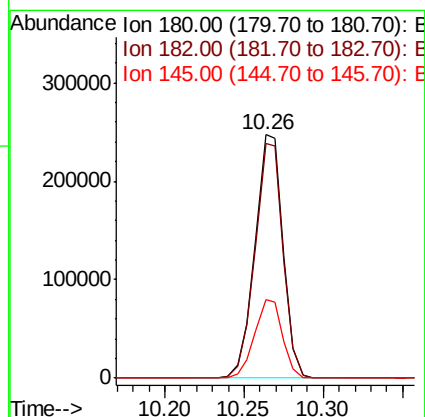
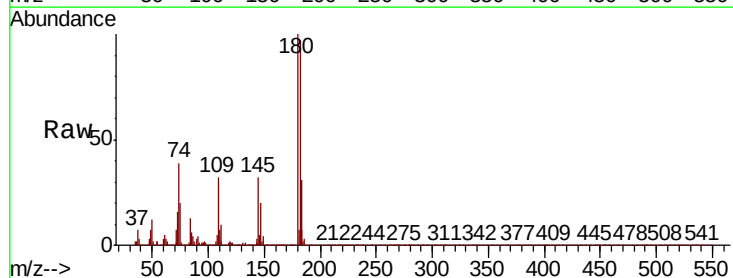
Instrument :
BNA_P
ClientSampled :

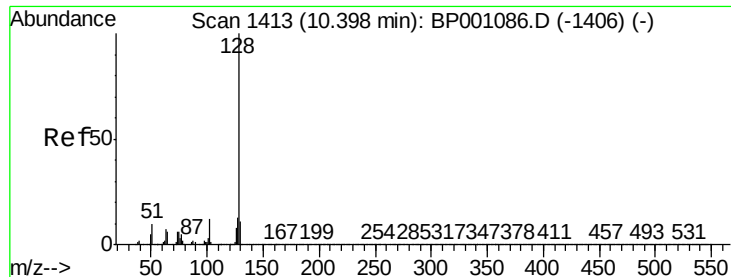
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	45.1	85.1
98	42.7	23.4	63.4



#30
1,2,4-Trichlorobenzene
Concen: 42.389 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.3	114.5
145	32.1	25.4	38.2

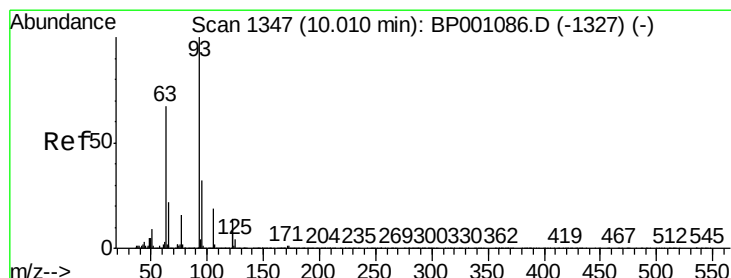
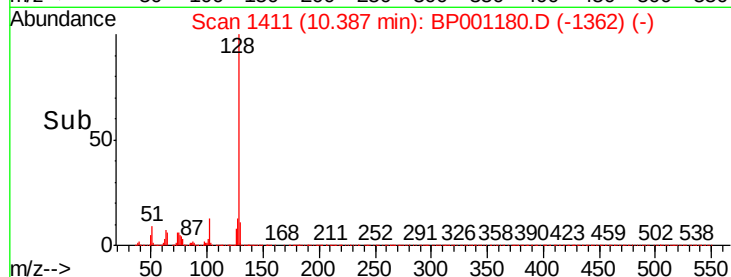
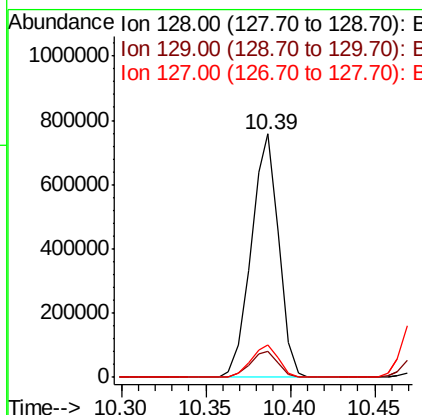
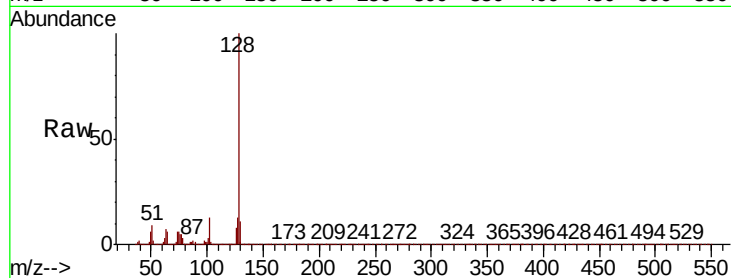




#31
Naphthalene
Concen: 41.433 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

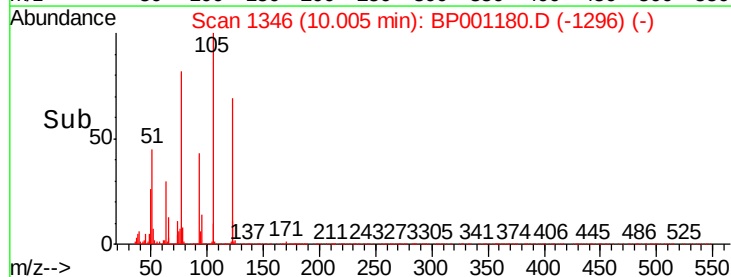
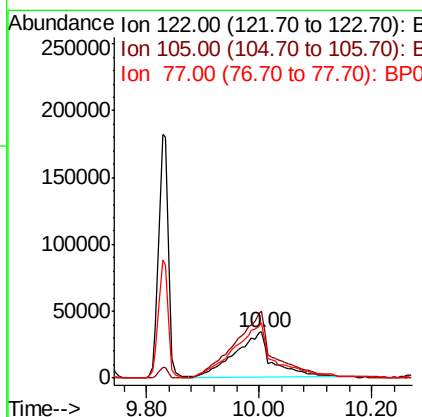
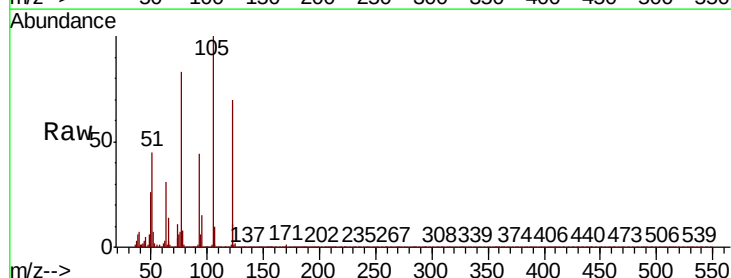
Instrument :
BNA_P
ClientSampleId :

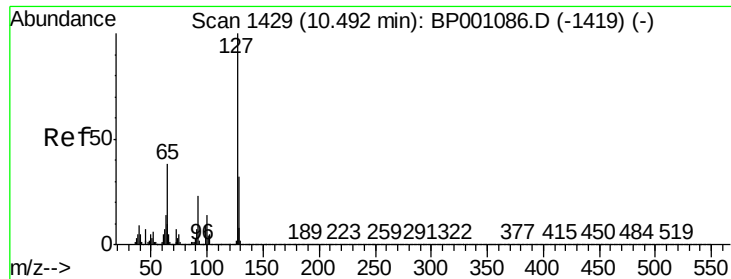
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.3	10.6	16.0



#32
Benzoic acid
Concen: 41.142 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

Tgt Ion	Ratio	Lower	Upper
122	100		
105	143.9	116.8	156.8
77	119.0	95.0	135.0

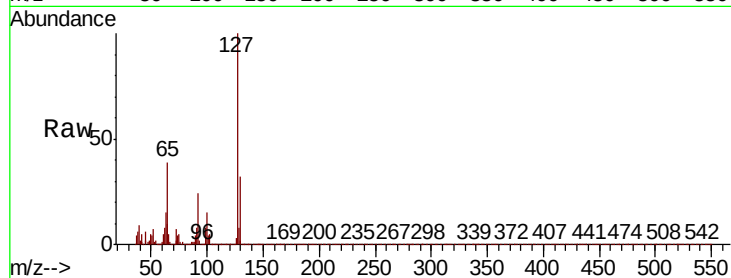




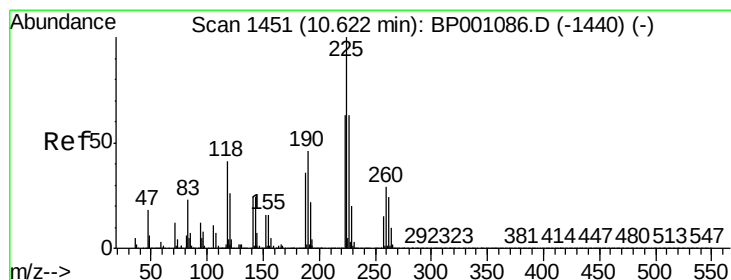
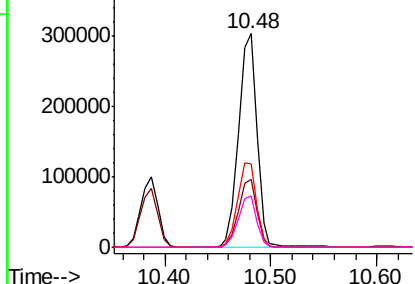
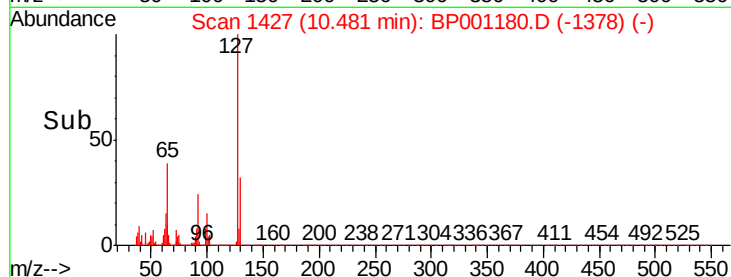
#33
4-Chloroaniline
Concen: 40.335 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	127	Resp:	362470
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.5	38.3
65	38.7	30.6	46.0
92	23.8	18.5	27.7

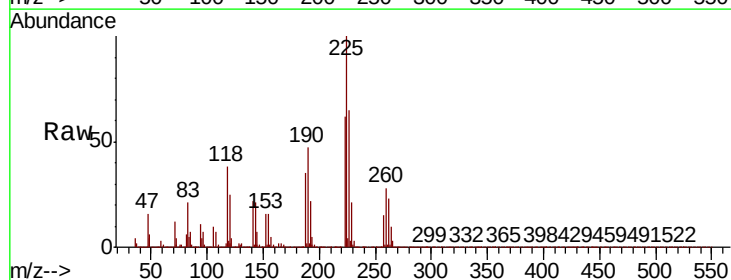


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BP0
Ion 92.00 (91.70 to 92.70): BP0

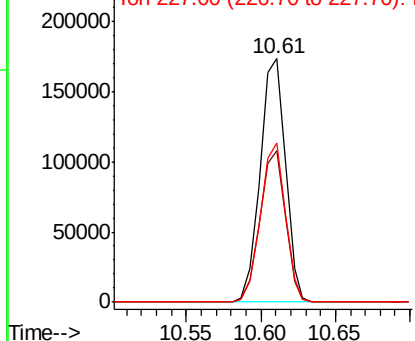
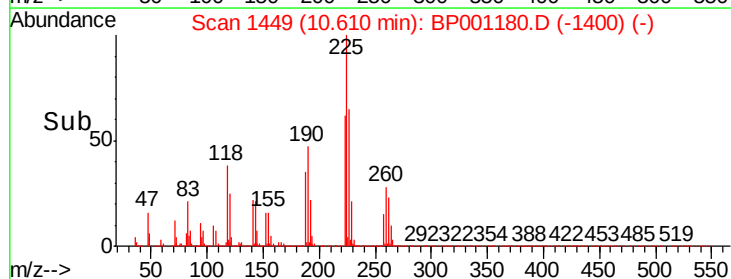


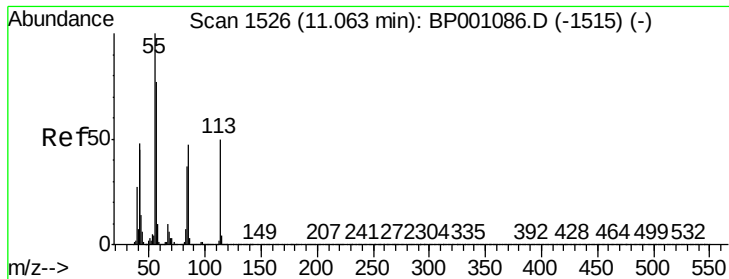
#34
Hexachlorobutadiene
Concen: 44.824 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

Tgt Ion:	225	Resp:	202112
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.0	75.0
227	65.2	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

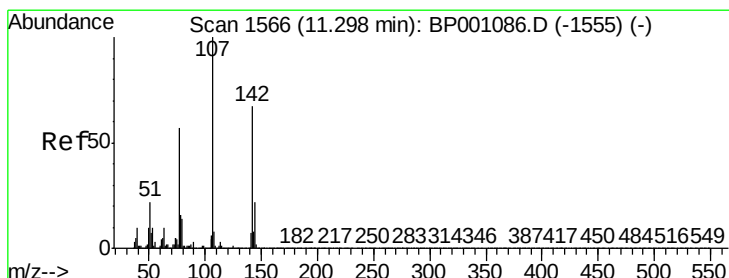
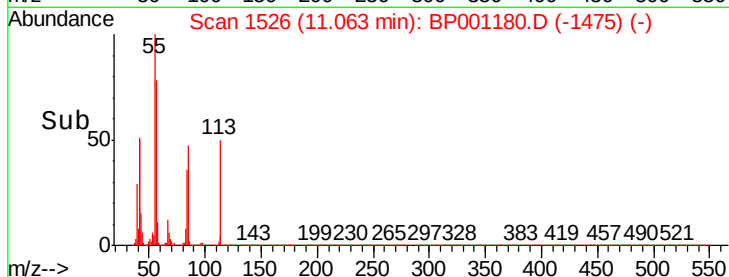
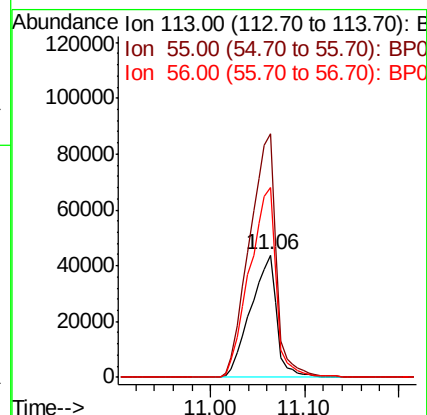
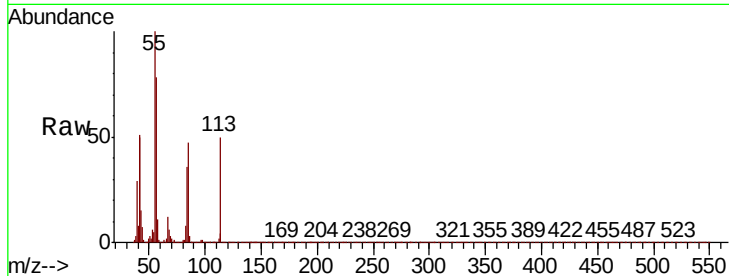




#35
Caprolactam
Concen: 39.683 ng
RT: 11.06 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

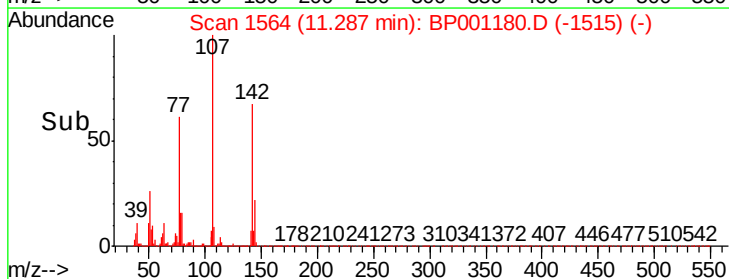
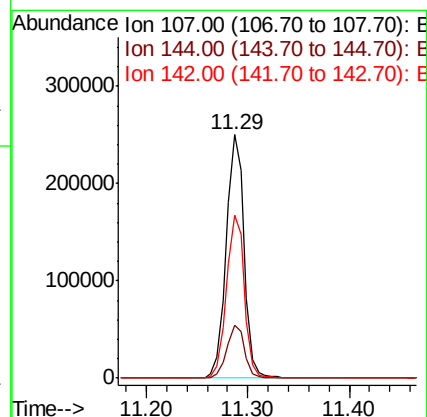
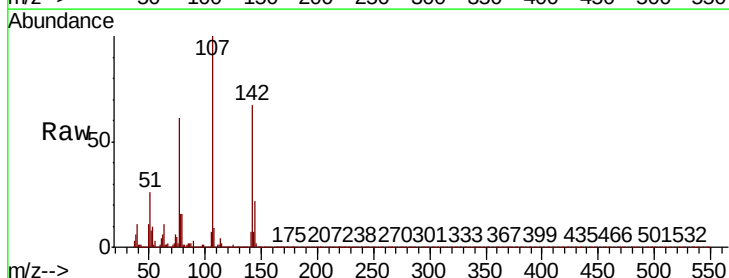
Instrument :
BNA_P
ClientSampled :

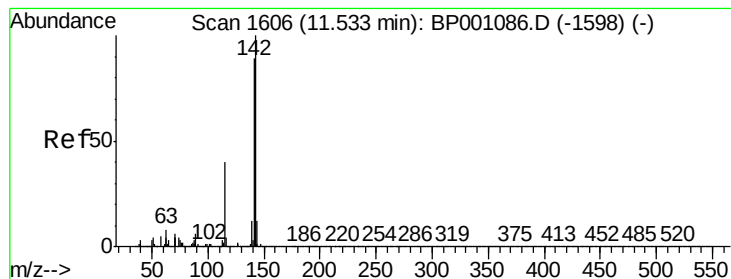
Tot Ion:113 Resp: 83930
Ion Ratio Lower Upper
113 100
55 198.8 181.2 221.2
56 155.0 134.7 174.7



#36
4-Chloro-3-methylphenol
Concen: 42.016 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

Tgt Ion:107 Resp: 305708
Ion Ratio Lower Upper
107 100
144 21.7 17.5 26.3
142 66.8 53.3 79.9





#37

2-Methylnaphthalene

Concen: 40.664 ng

RT: 11.52 min Scan# 1603

Delta R.T. -0.02 min

Lab File: BP001180.D

Acq: 04 Dec 2019 05:04

Instrument :

BNA_P

ClientSampleId :

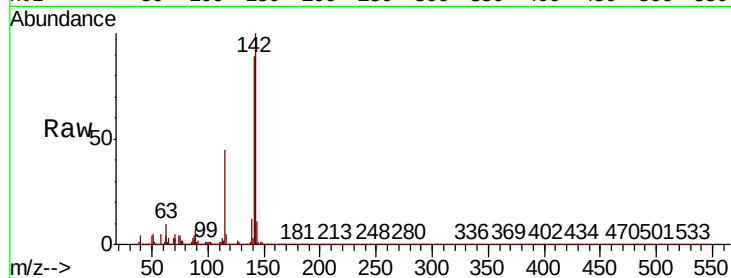
Tot Ion:142 Resp: 574604

Ion Ratio Lower Upper

142 100

141 88.7 71.1 106.7

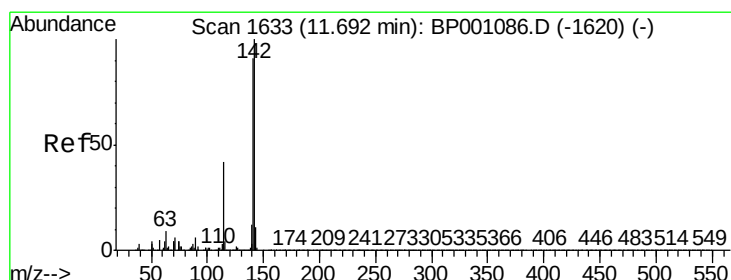
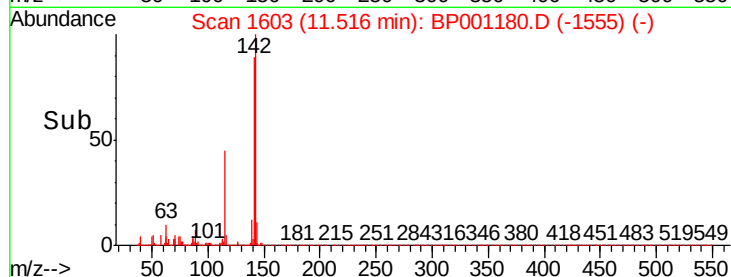
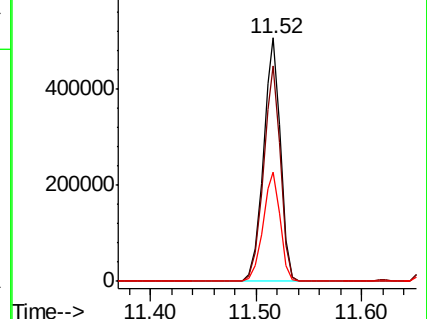
115 44.6 32.3 48.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.847 ng

RT: 11.68 min Scan# 1630

Delta R.T. -0.02 min

Lab File: BP001180.D

Acq: 04 Dec 2019 05:04

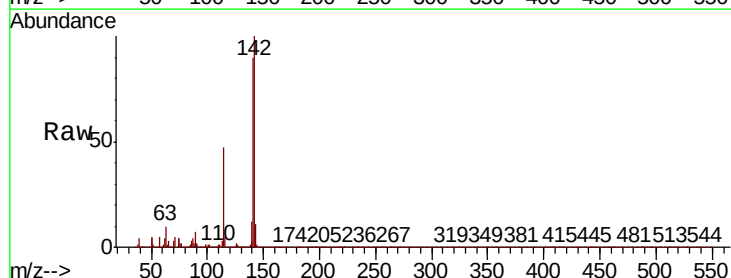
Tgt Ion:142 Resp: 545247

Ion Ratio Lower Upper

142 100

141 89.7 73.0 109.4

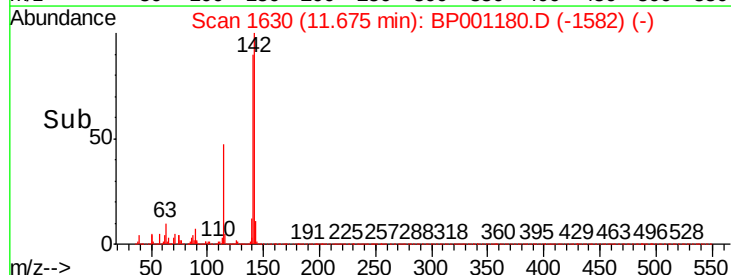
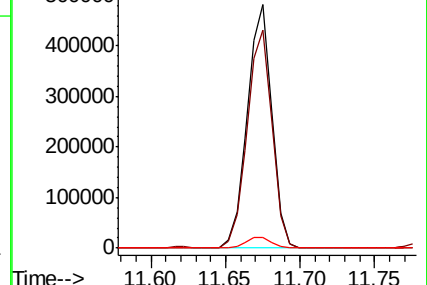
116 4.6 3.4 5.2

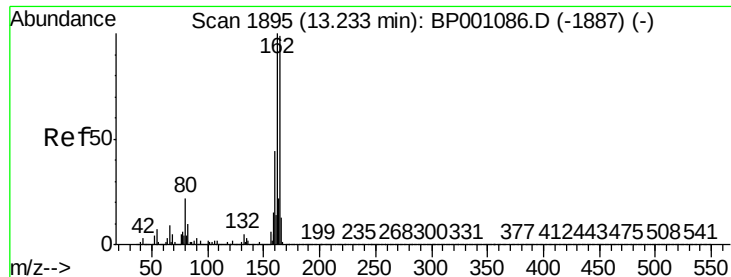


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

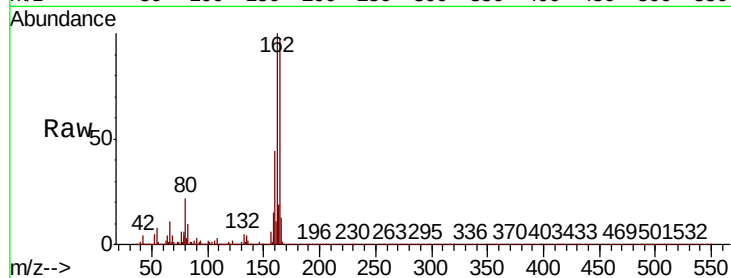




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.21 min Scan# 1891
Delta R.T. -0.02 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.6	120.8
160	45.5	35.4	53.2

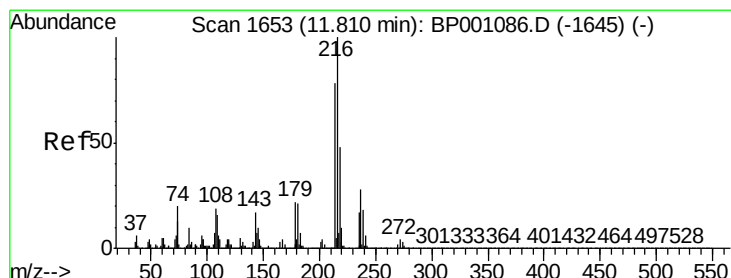
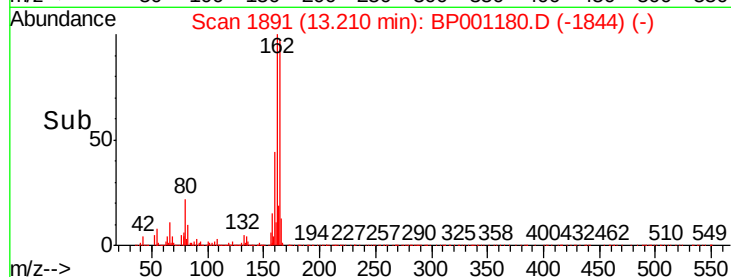
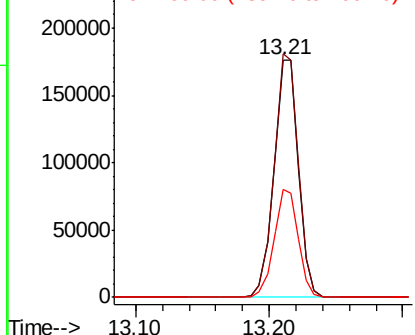


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.845 ng
RT: 11.79 min Scan# 1650
Delta R.T. -0.02 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.8	94.2
179	22.6	17.6	26.4
108	21.9	17.7	26.5

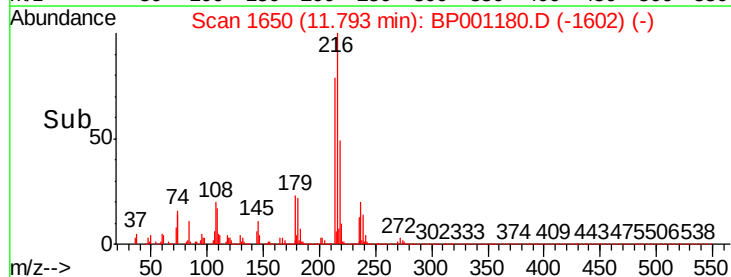
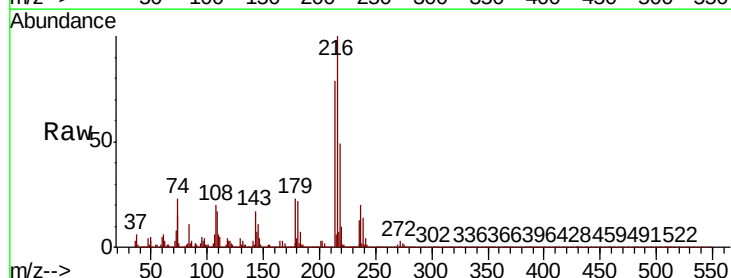
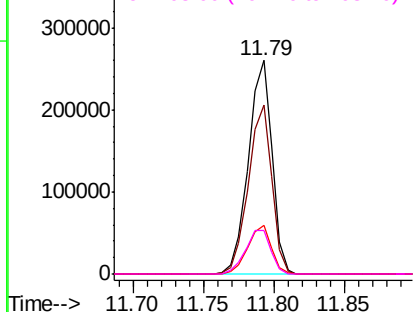
Abundance

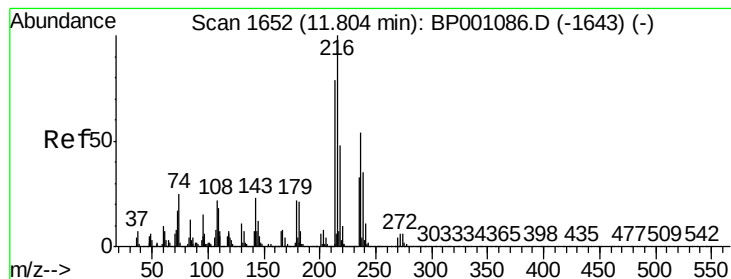
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 34.599 ng

RT: 11.79 min Scan# 1649

Delta R.T. -0.02 min

Lab File: BP001180.D

Acq: 04 Dec 2019 05:04

Instrument :

BNA_P

ClientSampleId :

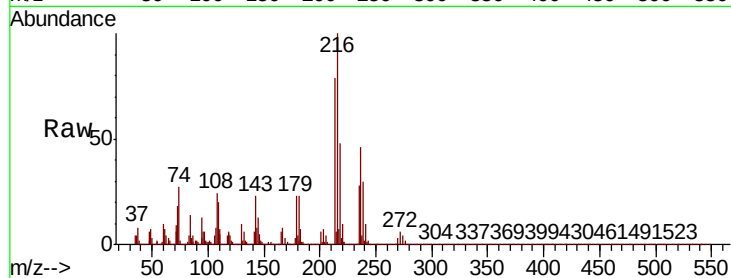
Tot Ion:237 Resp: 113722

Ion Ratio Lower Upper

237 100

235 60.6 41.8 81.8

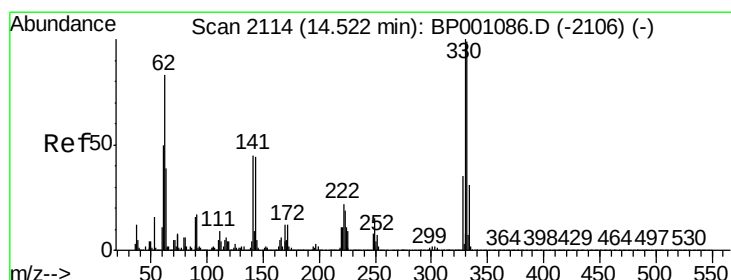
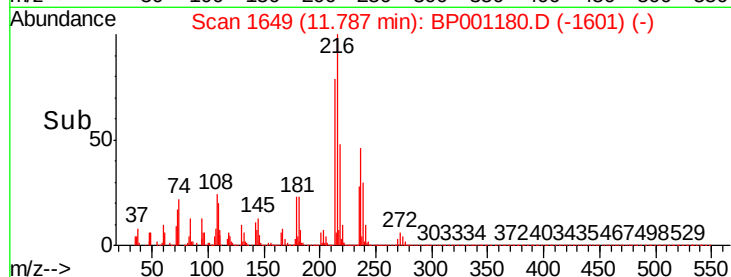
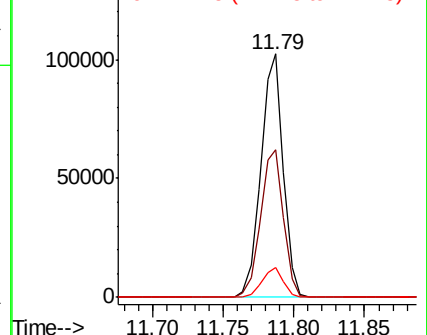
272 12.0 0.0 31.9



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: 89.119 ng

RT: 14.51 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BP001180.D

Acq: 04 Dec 2019 05:04

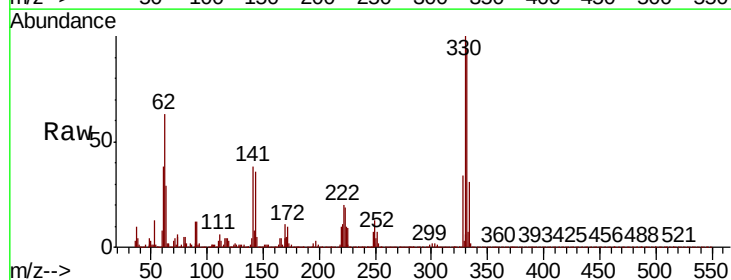
Tgt Ion:330 Resp: 193119

Ion Ratio Lower Upper

330 100

332 96.7 77.6 116.4

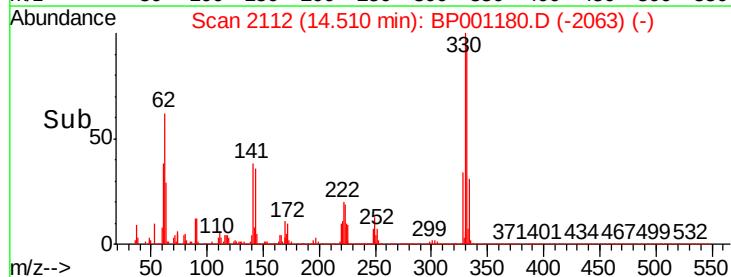
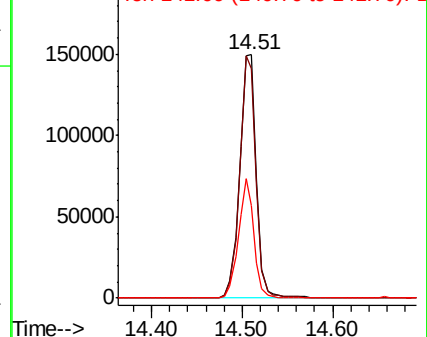
141 45.4 34.2 51.2

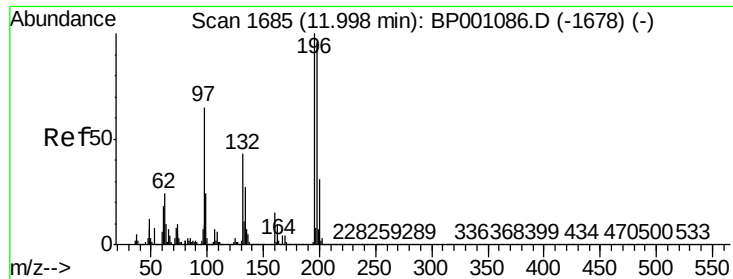


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

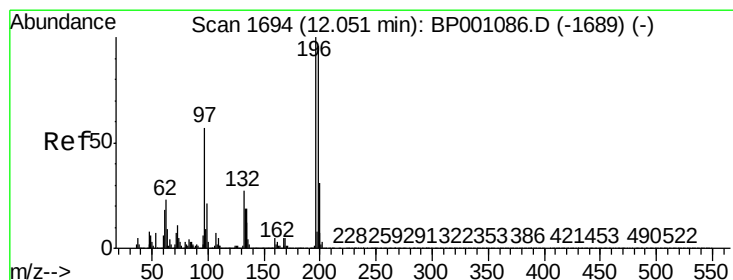
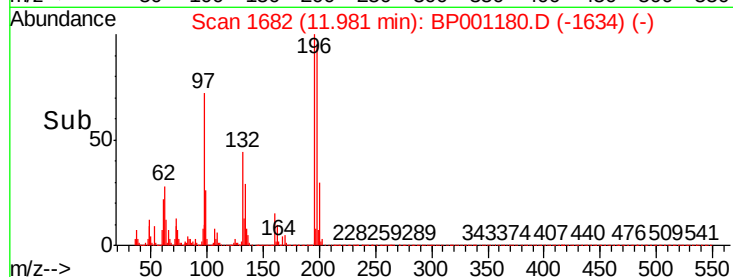
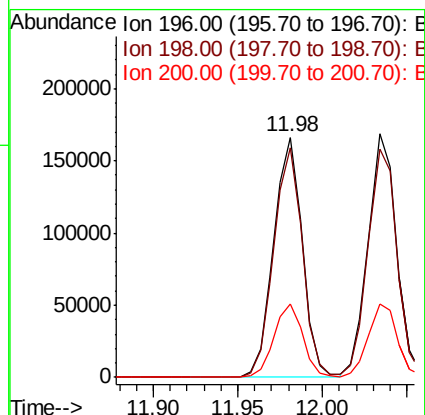
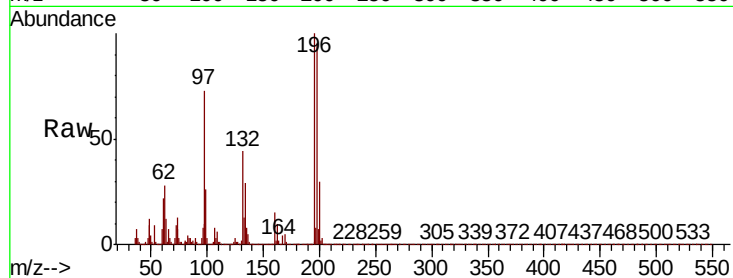




#43
2,4,6-Trichlorophenol
Concen: 42.197 ng
RT: 11.98 min Scan# 1682
Delta R.T. -0.02 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

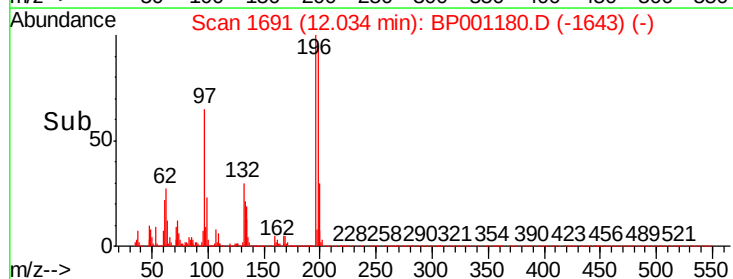
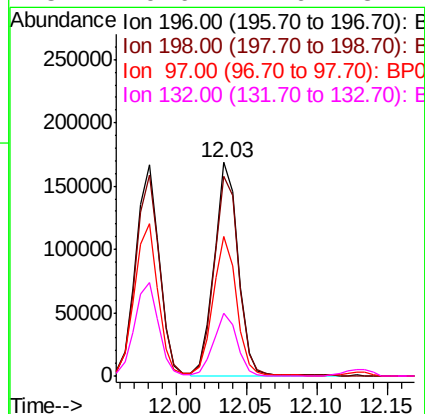
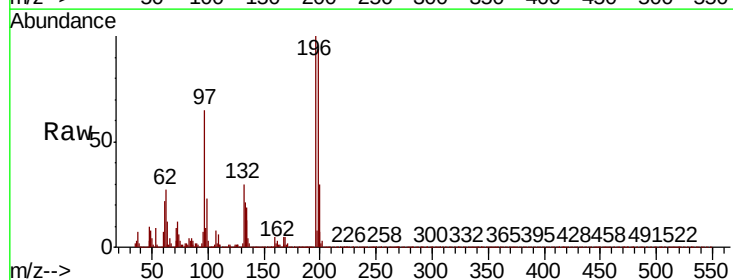
Instrument :
BNA_P
ClientSampleId :

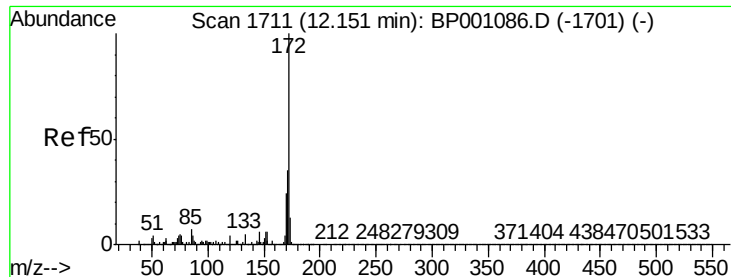
Tot Ion:196 Resp: 196300
Ion Ratio Lower Upper
196 100
198 95.5 76.7 115.1
200 30.4 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 41.378 ng
RT: 12.03 min Scan# 1691
Delta R.T. -0.02 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

Tgt Ion:196 Resp: 199444
Ion Ratio Lower Upper
196 100
198 93.6 76.8 115.2
97 65.4 46.1 69.1
132 29.6 21.6 32.4

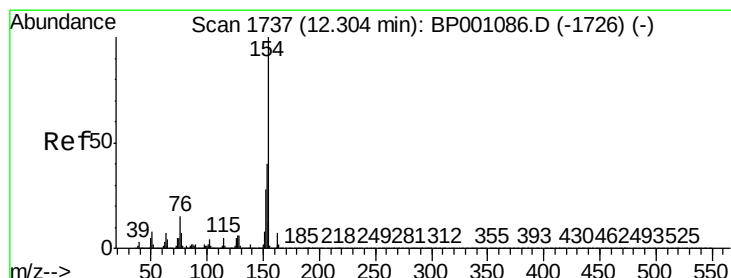
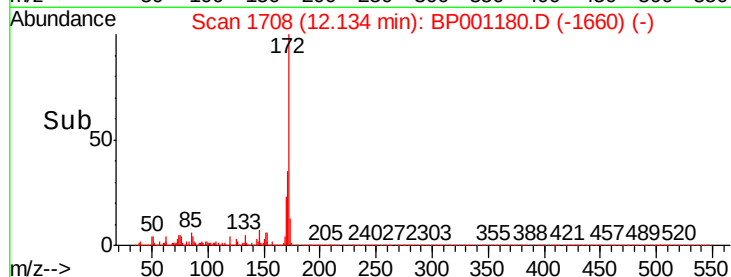
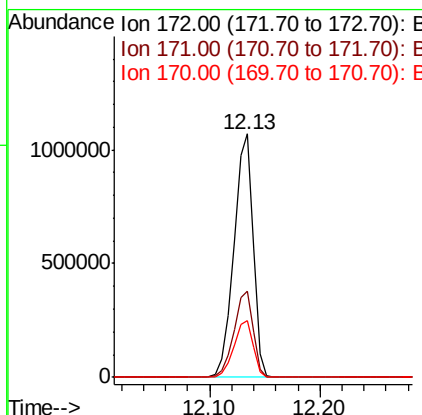
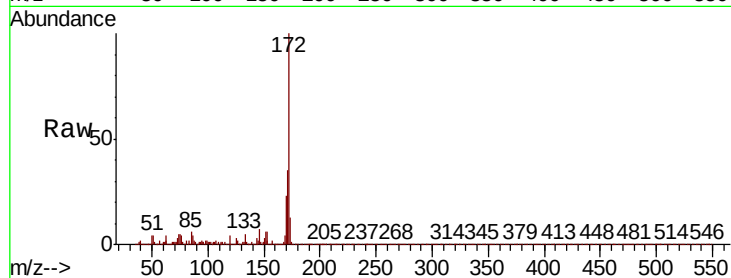




#45
2-Fluorobiphenyl
Concen: 84.598 ng
RT: 12.13 min Scan# 1708
Delta R.T. -0.02 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

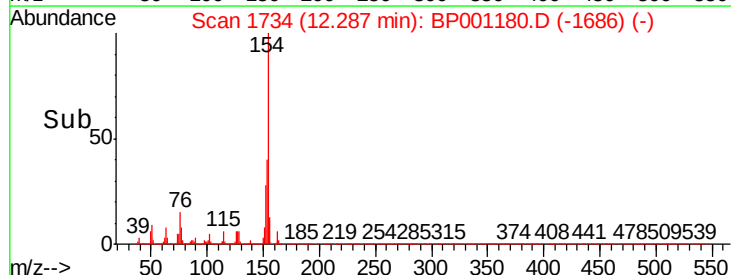
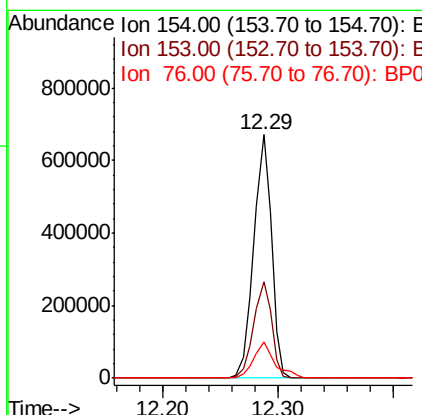
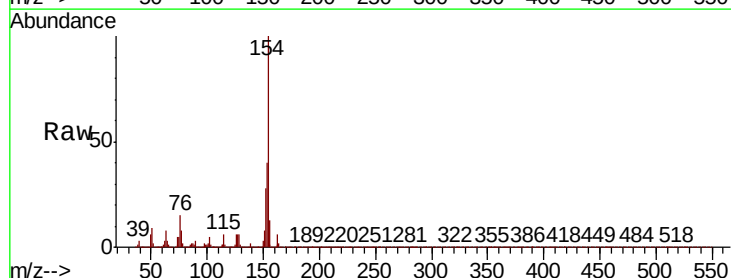
Instrument :
BNA_P
ClientSampleId :

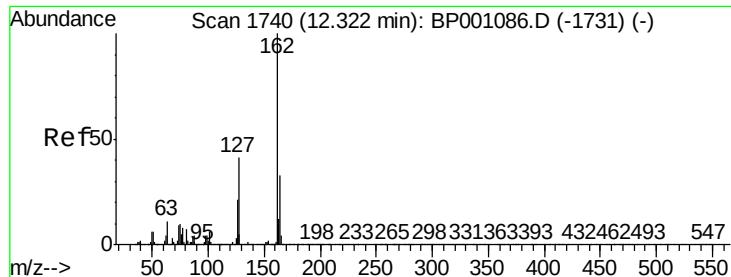
Tot Ion:172 Resp: 1306808
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.4 19.0 28.4



#46
1,1'-Biphenyl
Concen: 41.259 ng
RT: 12.29 min Scan# 1734
Delta R.T. -0.02 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

Tgt Ion:154 Resp: 720895
Ion Ratio Lower Upper
154 100
153 39.9 20.2 60.2
76 14.8 0.0 34.5

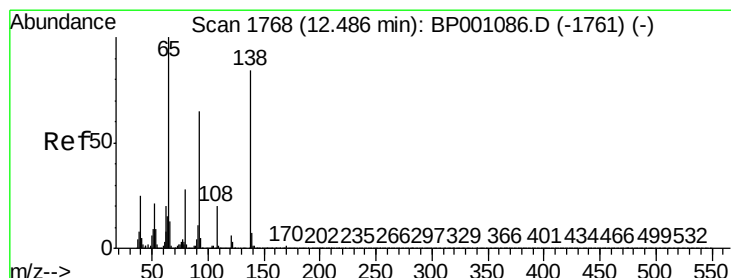
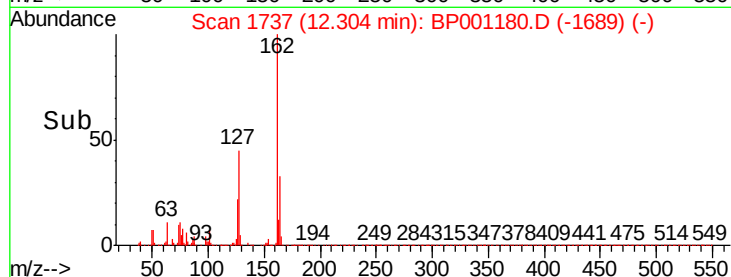
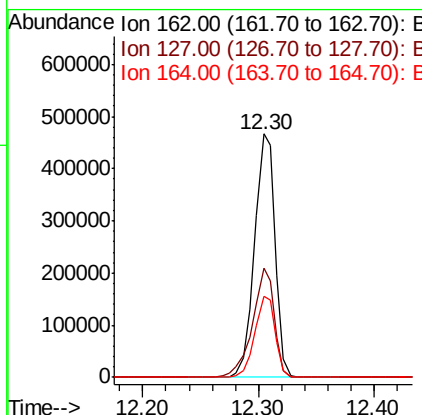
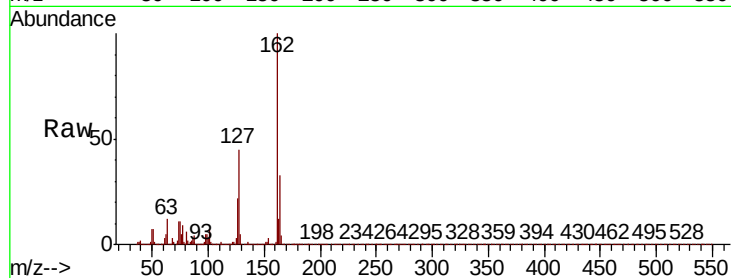




#47
2-Chloronaphthalene
Concen: 41.359 ng
RT: 12.30 min Scan# 1737
Delta R.T. -0.02 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

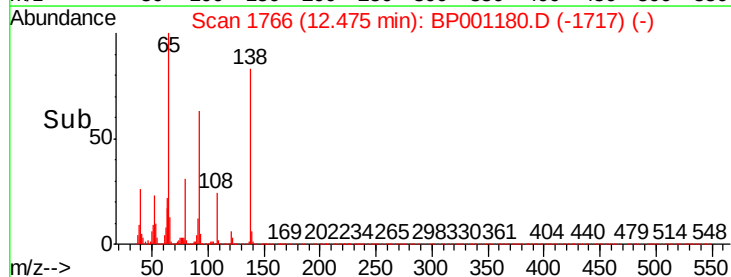
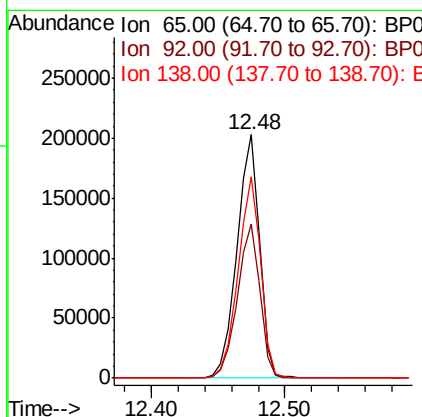
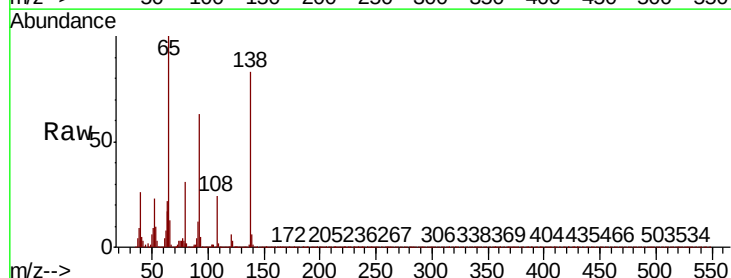
Instrument :
BNA_P
ClientSampleId :

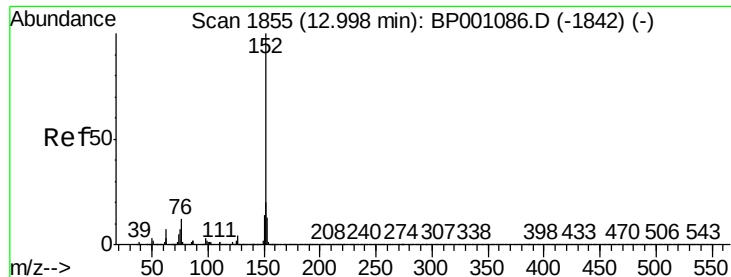
Tot Ion: 162 Resp: 577224
Ion Ratio Lower Upper
162 100
127 44.6 33.0 49.6
164 33.2 26.7 40.1



#48
2-Nitroaniline
Concen: 43.728 ng
RT: 12.48 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

Tgt Ion: 65 Resp: 239187
Ion Ratio Lower Upper
65 100
92 63.2 51.6 77.4
138 82.9 67.3 100.9





#49

Acenaphthylene

Concen: 41.371 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BP001180.D

Acq: 04 Dec 2019 05:04

Instrument :

BNA_P

ClientSampleId :

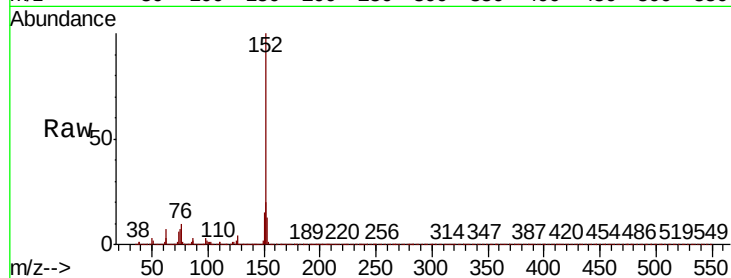
Tot Ion:152 Resp: 865493

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

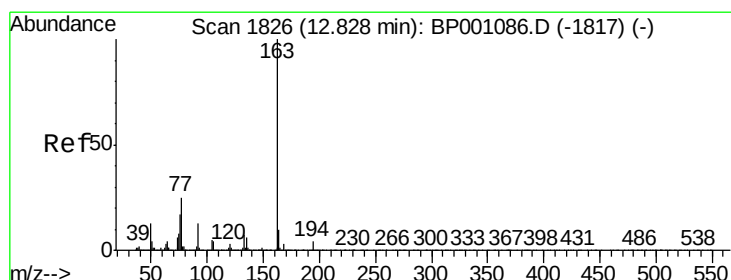
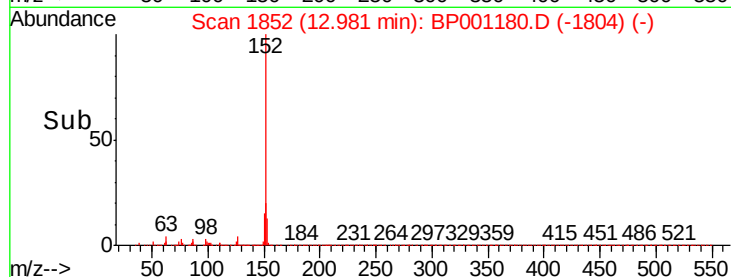
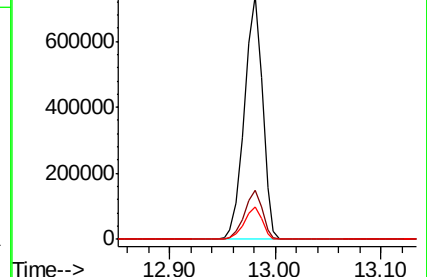
153 13.1 10.2 15.4



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: 41.006 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BP001180.D

Acq: 04 Dec 2019 05:04

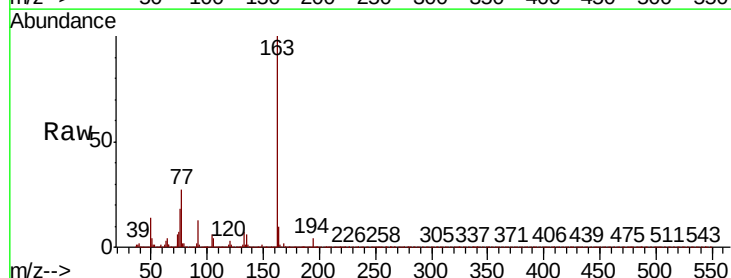
Tgt Ion:163 Resp: 693357

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

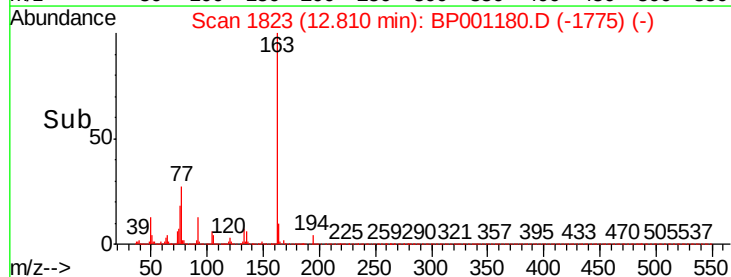
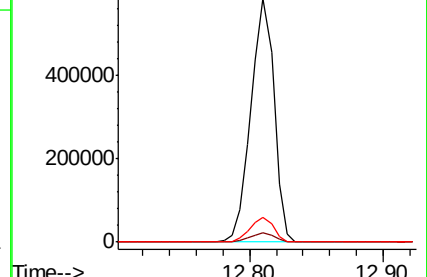
164 10.1 8.1 12.1

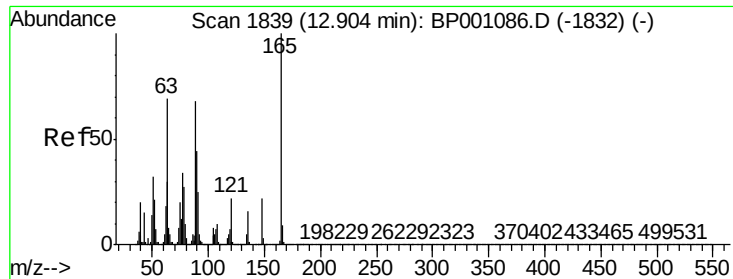


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

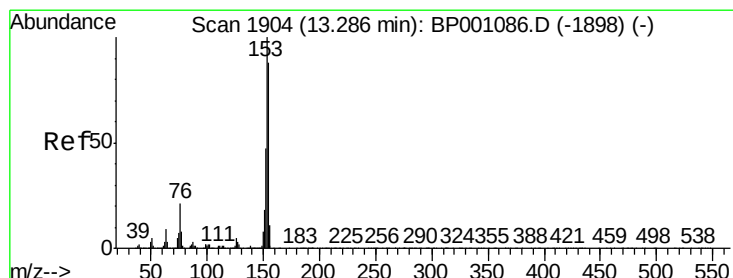
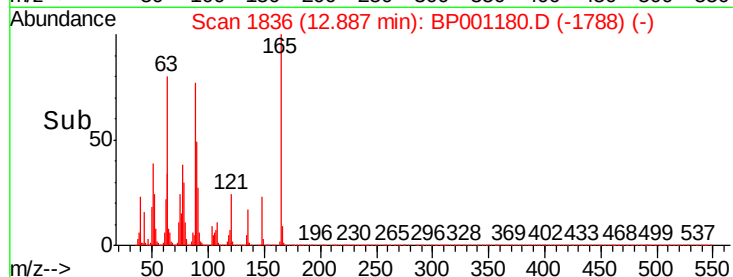
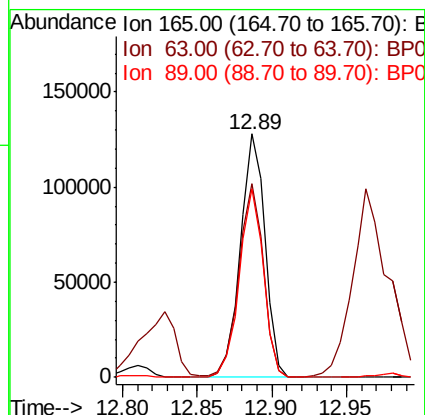
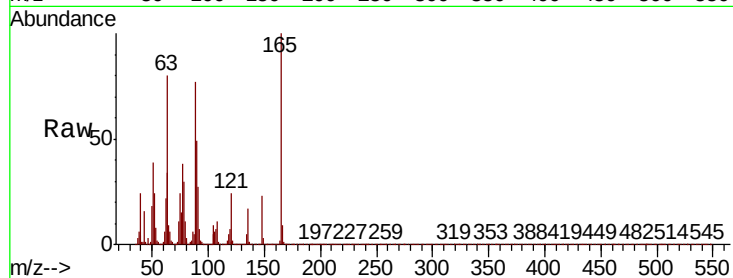




#51
2,6-Dinitrotoluene
Concen: 40.507 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.02 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

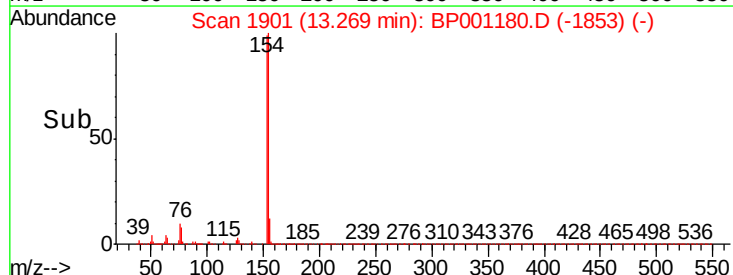
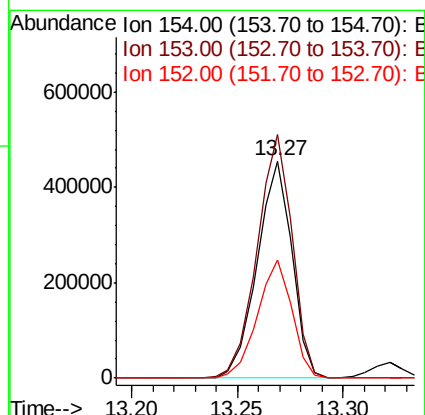
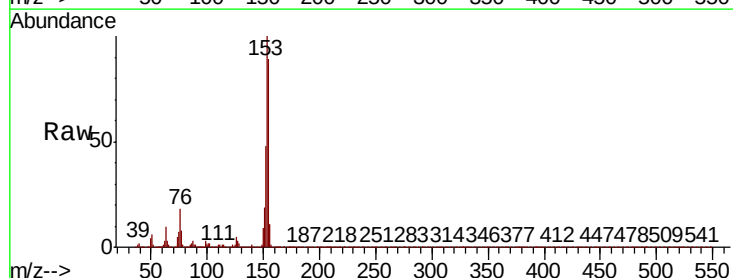
Instrument :
BNA_P
ClientSampleId :

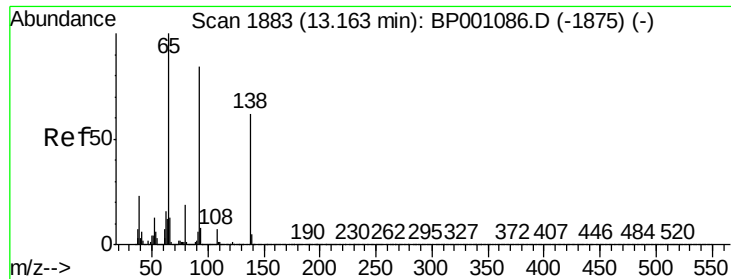
Tot Ion:165 Resp: 146616
Ion Ratio Lower Upper
165 100
63 79.7 55.6 83.4
89 77.4 54.1 81.1



#52
Acenaphthene
Concen: 41.327 ng
RT: 13.27 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

Tgt Ion:154 Resp: 520071
Ion Ratio Lower Upper
154 100
153 112.2 90.5 135.7
152 54.2 42.6 64.0

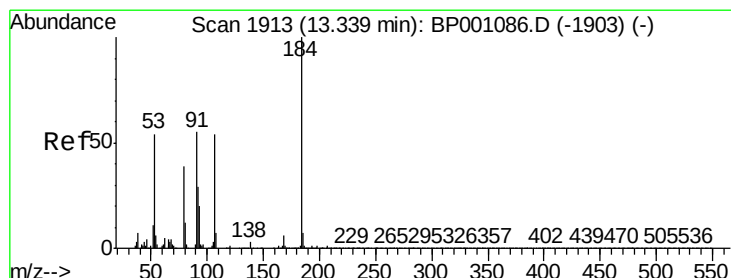
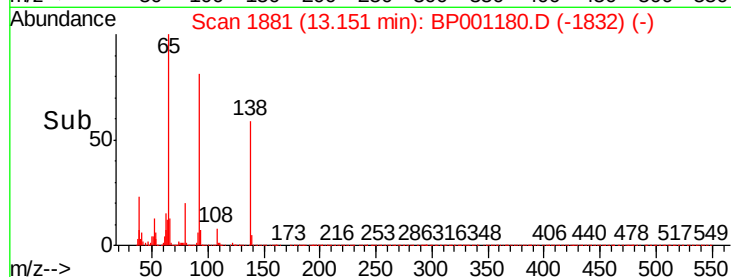
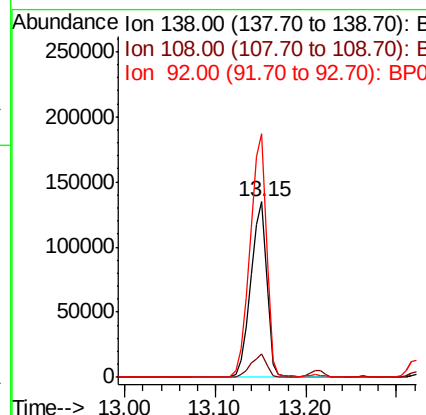
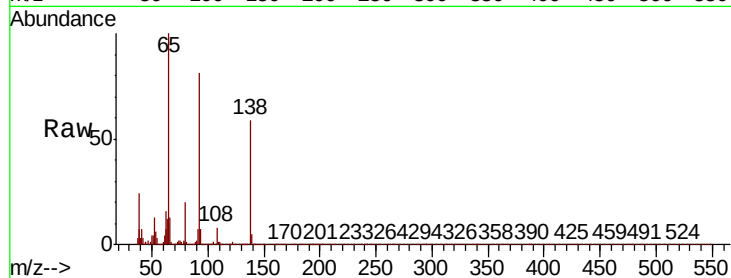




#53
3-Nitroaniline
Concen: 40.571 ng
RT: 13.15 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

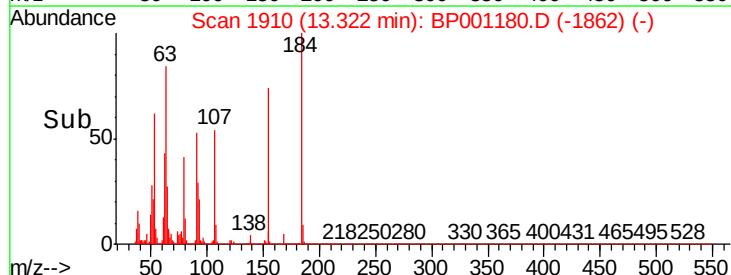
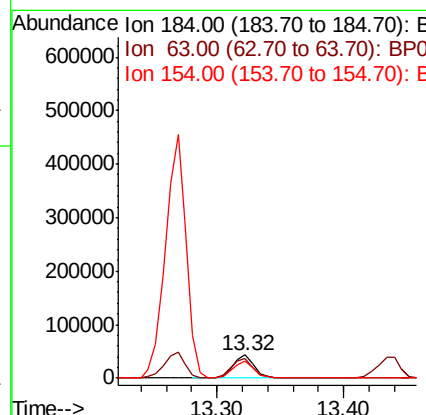
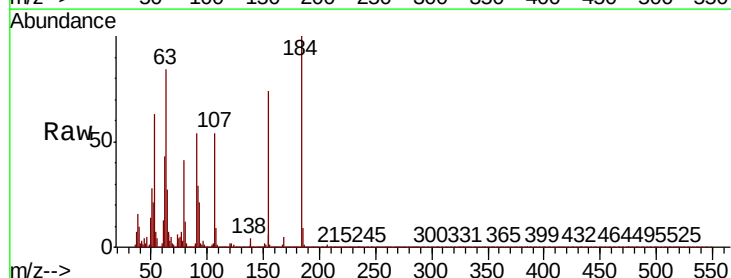
Instrument :
BNA_P
ClientSampleId :

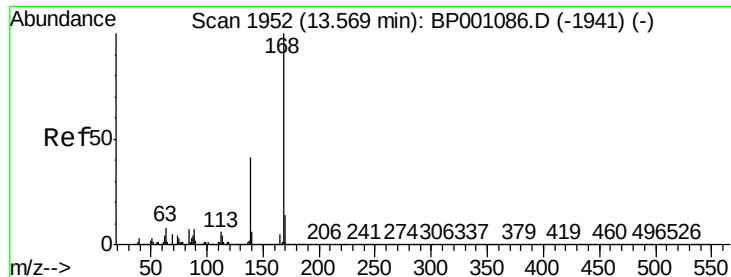
Tot Ion:138 Resp: 164962
Ion Ratio Lower Upper
138 100
108 13.4 9.2 13.8
92 138.8 107.8 161.6



#54
2,4-Dinitrophenol
Concen: 37.607 ng
RT: 13.32 min Scan# 1910
Delta R.T. -0.02 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

Tgt Ion:184 Resp: 49488
Ion Ratio Lower Upper
184 100
63 83.9 60.7 91.1
154 74.1 56.2 84.2





#55

Dibenzofuran

Concen: 41.891 ng

RT: 13.55 min Scan# 1949

Delta R.T. -0.02 min

Lab File: BP001180.D

Acq: 04 Dec 2019 05:04

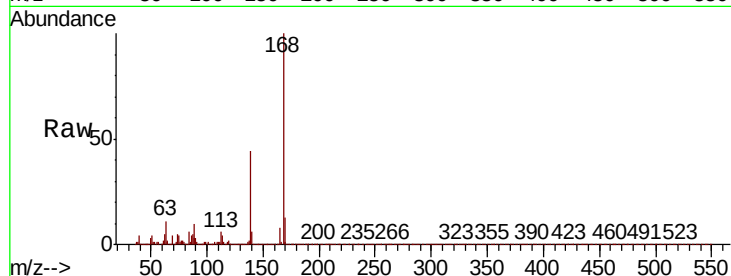
Instrument :

BNA_P

ClientSampleId :

Tot Ion:168 Resp: 792161

Ion	Ratio	Lower	Upper
168	100		
139	43.9	32.8	49.2
169	13.2	10.9	16.3

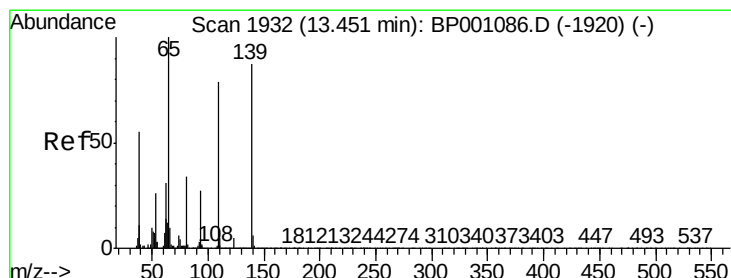
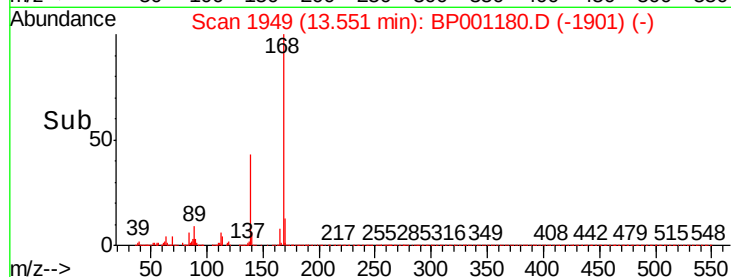
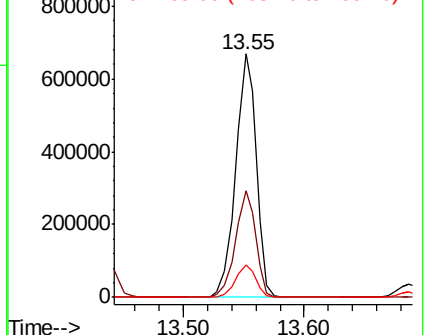


Abundance

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: 41.828 ng

RT: 13.44 min Scan# 1930

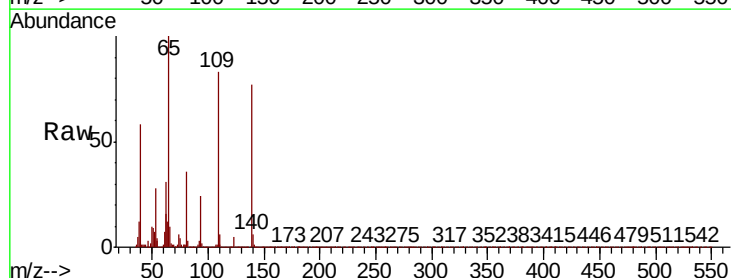
Delta R.T. -0.01 min

Lab File: BP001180.D

Acq: 04 Dec 2019 05:04

Tgt Ion:139 Resp: 120514

Ion	Ratio	Lower	Upper
139	100		
109	108.7	70.9	110.9
65	130.4	95.2	135.2

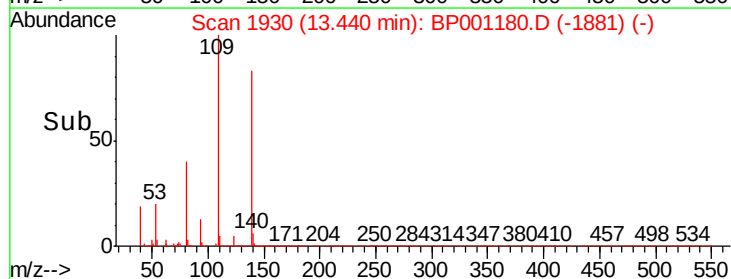
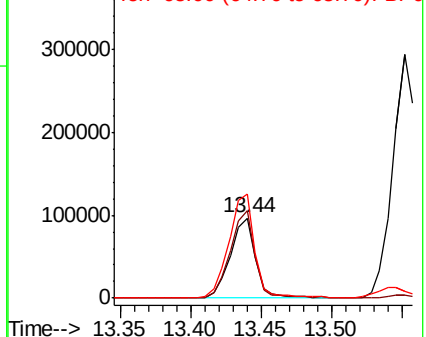


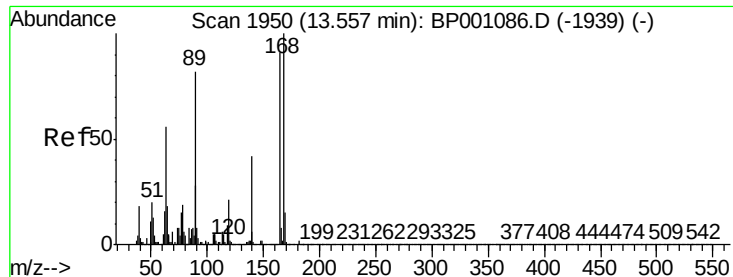
Abundance

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): BP

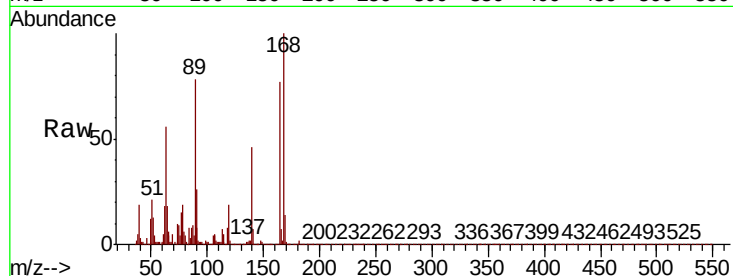




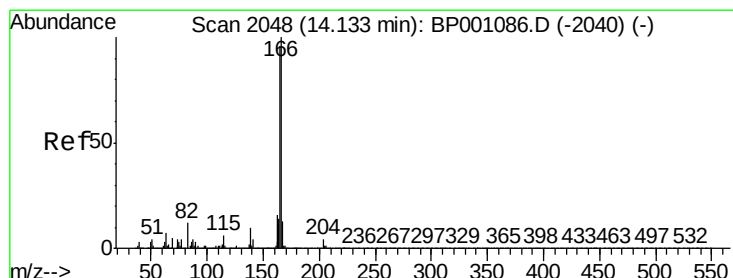
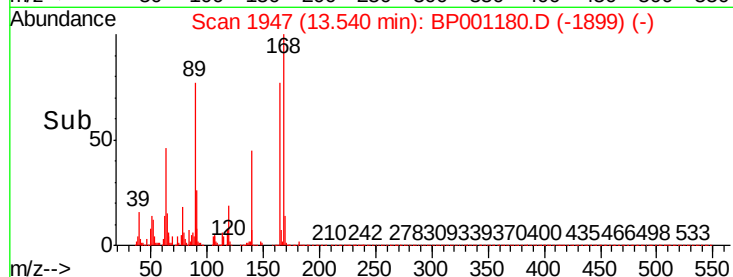
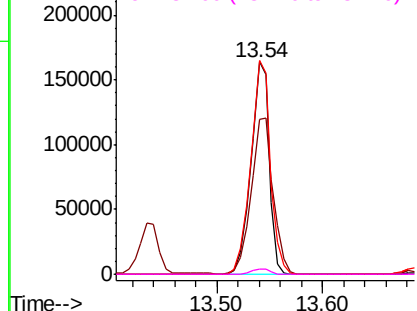
#57
2,4-Dinitrotoluene
Concen: 43.358 ng
RT: 13.54 min Scan# 1947
Delta R.T. -0.02 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

Instrument :
BNA_P
ClientSampled :

Tot Ion:	165	Resp:	196716
Ion	Ratio	Lower	Upper
165	100		
63	72.8	49.4	74.2
89	100.7	72.1	108.1
182	2.4	2.0	3.0

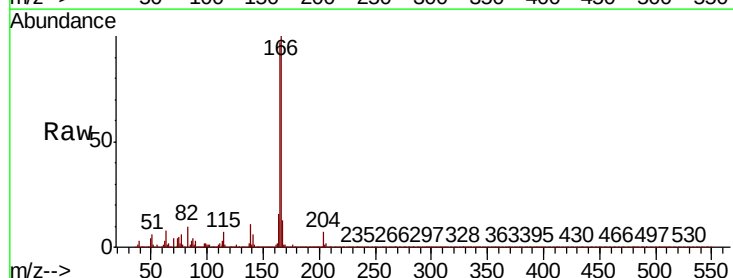


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

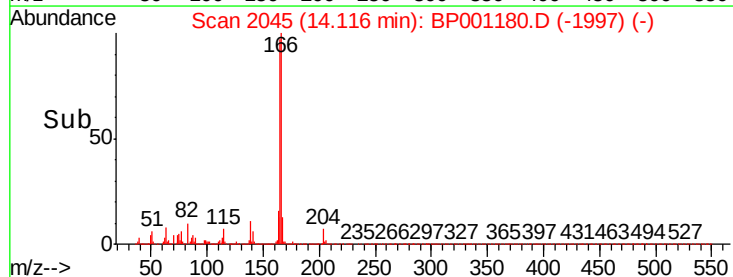
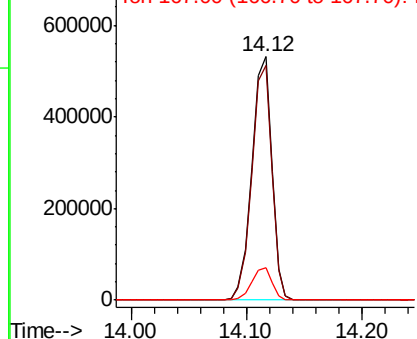


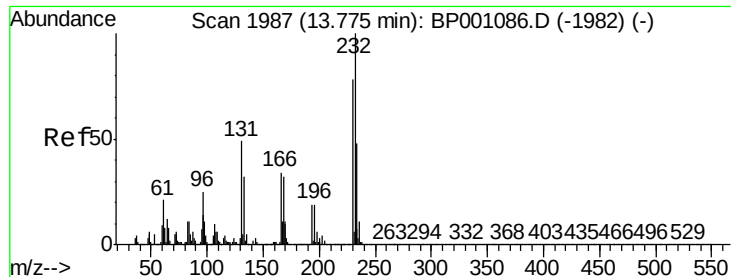
#58
Fluorene
Concen: 42.168 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.02 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

Tgt Ion:	166	Resp:	638960
Ion	Ratio	Lower	Upper
166	100		
165	96.6	76.7	115.1
167	13.4	10.5	15.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.649 ng

RT: 13.76 min Scan# 1984

Delta R.T. -0.02 min

Lab File: BP001180.D

Acq: 04 Dec 2019 05:04

Instrument :

BNA_P

ClientSampleId :

Tot Ion:232 Resp: 165018

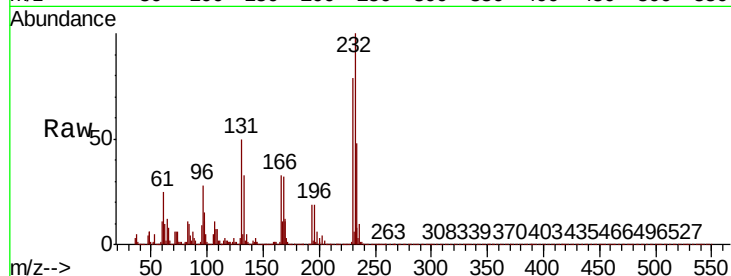
Ion Ratio Lower Upper

232 100

131 52.4 39.6 59.4

130 2.8 1.9 2.9

166 34.3 25.7 38.5

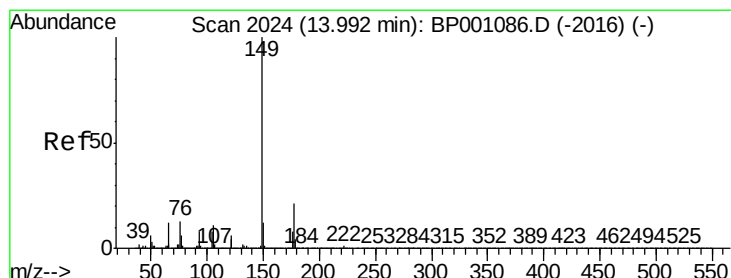
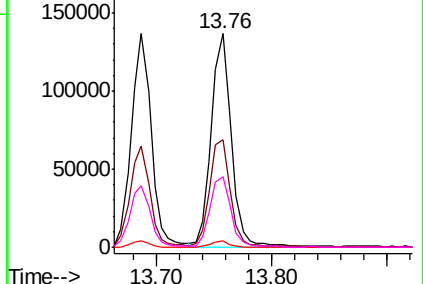
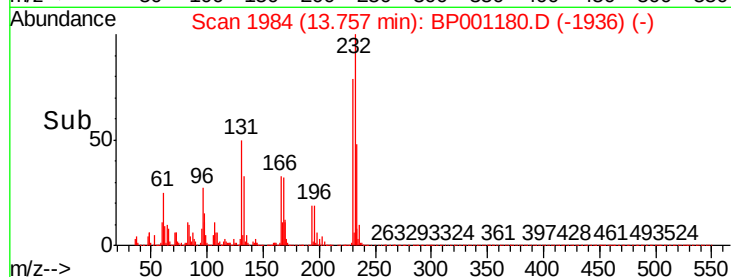


Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.337 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.02 min

Lab File: BP001180.D

Acq: 04 Dec 2019 05:04

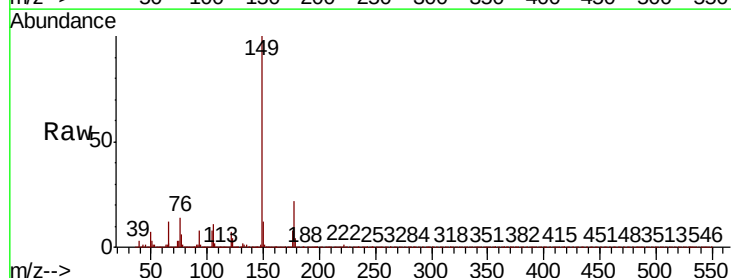
Tgt Ion:149 Resp: 706211

Ion Ratio Lower Upper

149 100

177 21.5 17.0 25.6

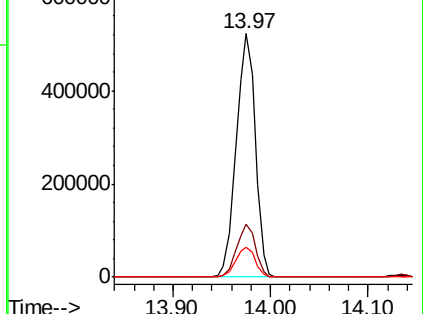
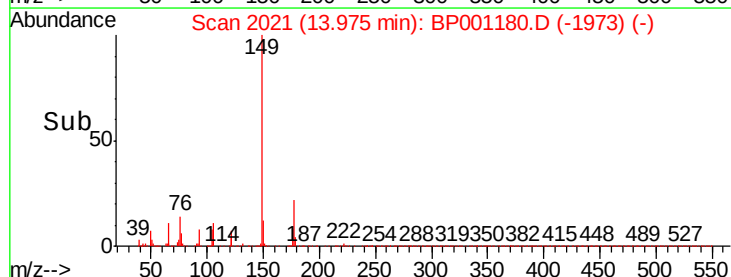
150 12.4 9.9 14.9

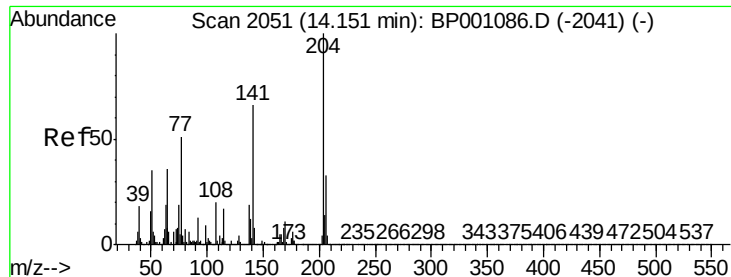


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

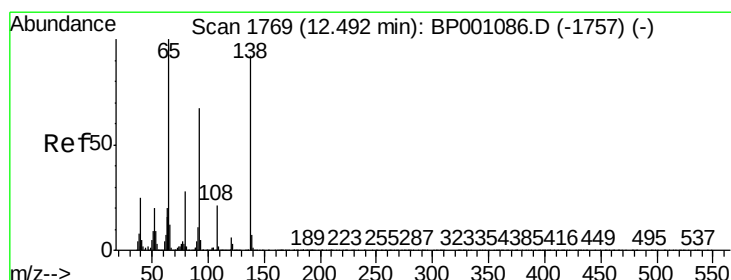
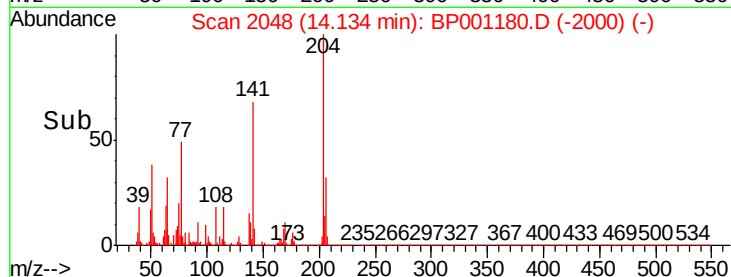
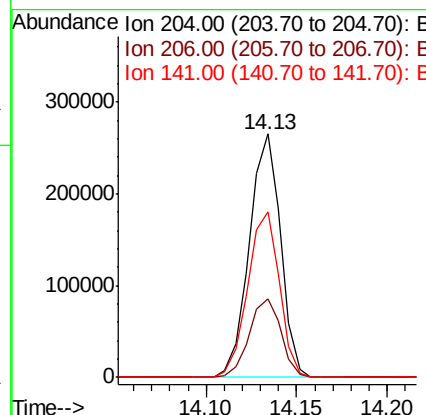
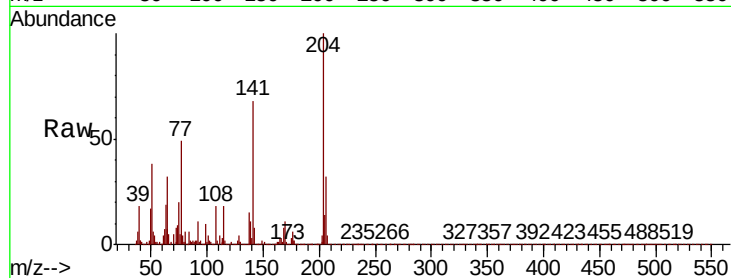




#61
4-Chlorophenyl-phenylether
Concen: 41.184 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

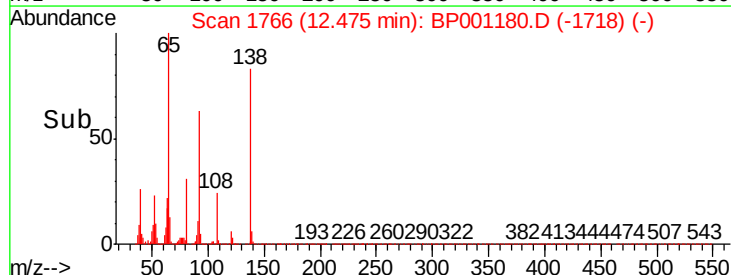
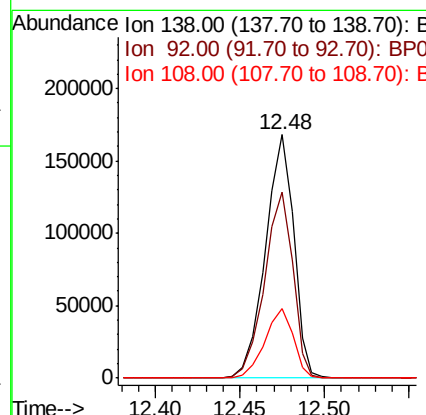
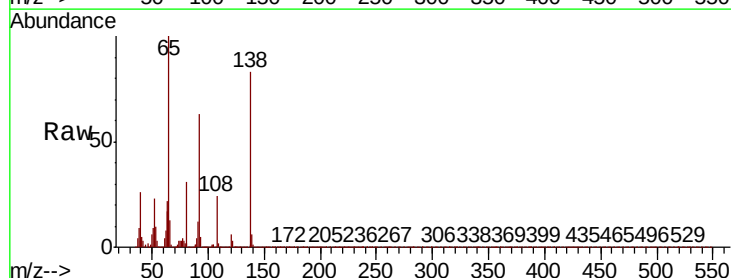
Instrument :
BNA_P
ClientSampleId :

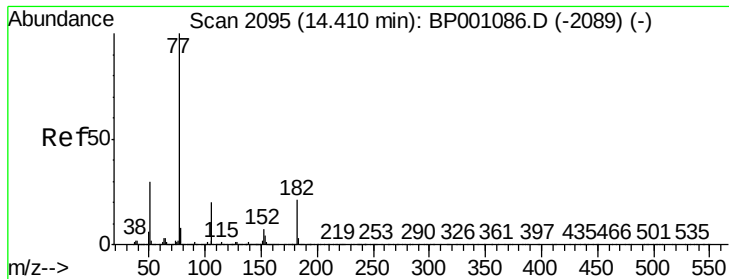
Tot Ion:204 Resp: 317782
Ion Ratio Lower Upper
204 100
206 32.3 26.1 39.1
141 68.2 52.7 79.1



#62
4-Nitroaniline
Concen: 41.652 ng
RT: 12.48 min Scan# 1766
Delta R.T. -0.02 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

Tgt Ion:138 Resp: 196348
Ion Ratio Lower Upper
138 100
92 76.2 53.3 93.3
108 28.4 3.1 43.1

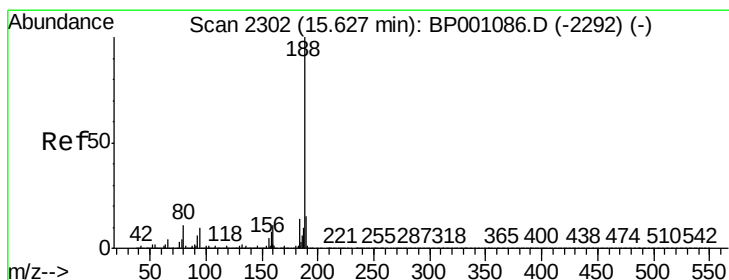
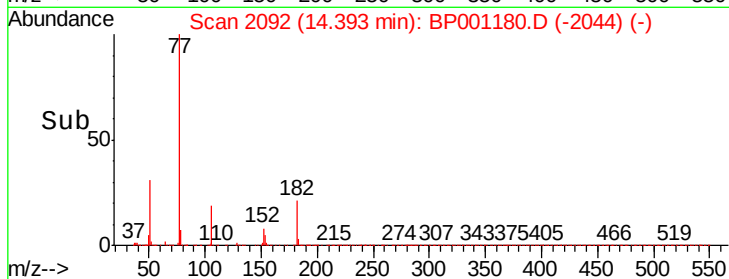
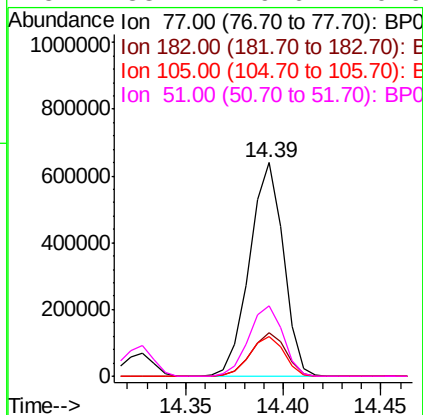
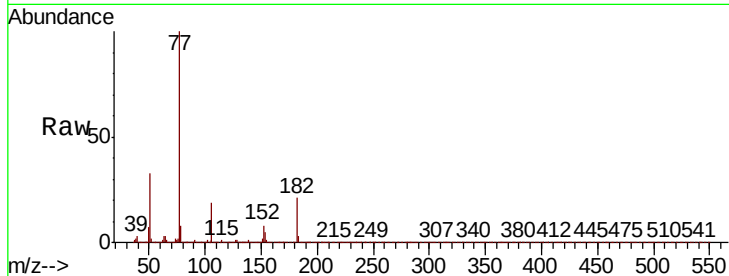




#63
Azobenzene
Concen: 40.700 ng
RT: 14.39 min Scan# 2092
Delta R.T. -0.02 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

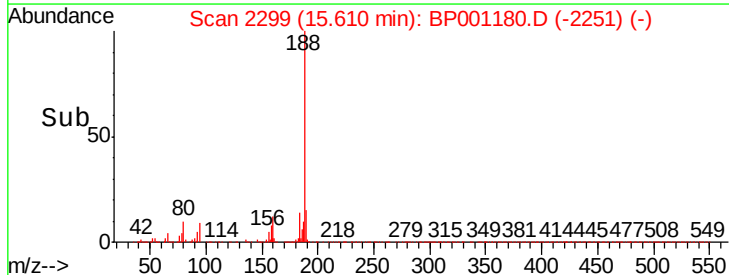
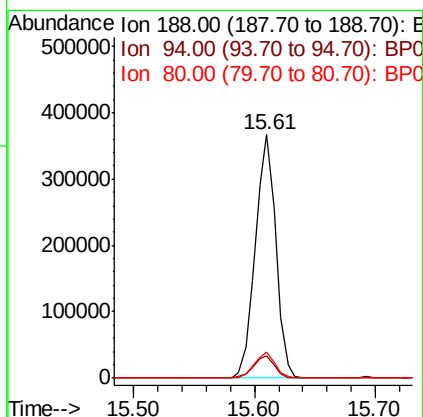
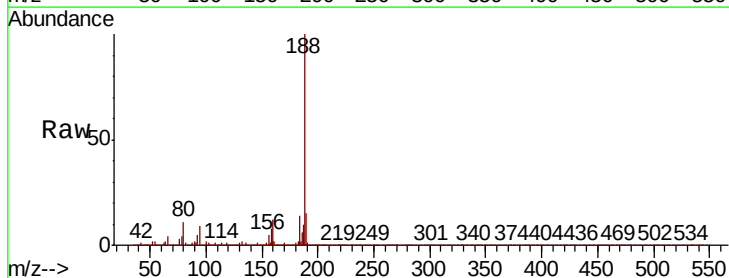
Instrument :
BNA_P
ClientSampled :

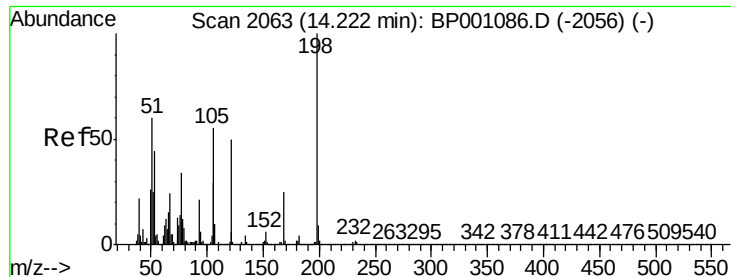
Tot Ion:	77	Resp:	770230
Ion	Ratio	Lower	Upper
77	100		
182	20.6	0.8	40.8
105	18.7	0.3	40.3
51	33.2	9.6	49.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

Tgt Ion:	188	Resp:	435346
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.9	11.9
80	10.6	8.8	13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 34.830 ng

RT: 14.20 min Scan# 2060

Delta R.T. -0.02 min

Lab File: BP001180.D

Acq: 04 Dec 2019 05:04

Instrument :

BNA_P

ClientSampleId :

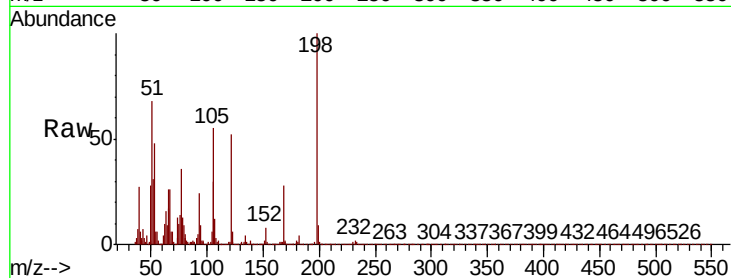
Tot Ion:198 Resp: 61334

Ion	Ratio	Lower	Upper
198	100		
51	67.5	40.5	80.5
105	54.7	35.7	75.7

198 100

51 67.5 40.5 80.5

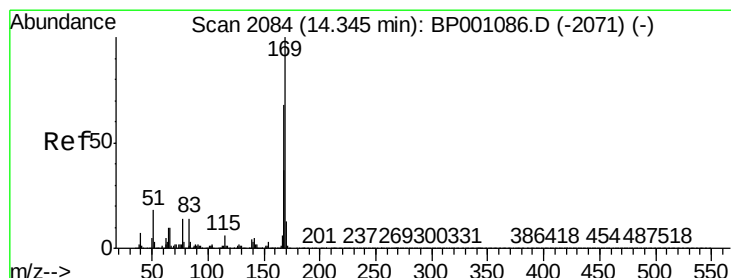
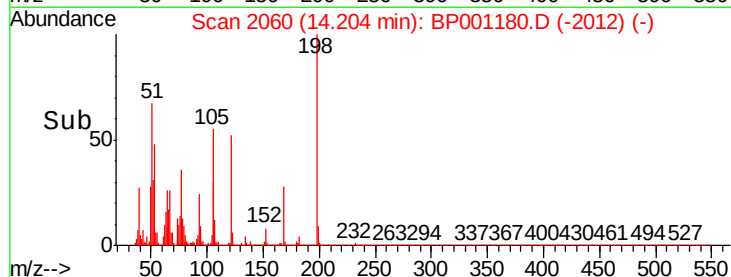
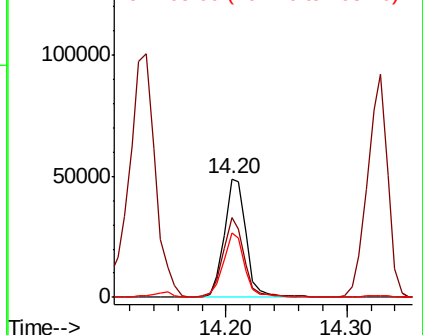
105 54.7 35.7 75.7



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: 40.560 ng

RT: 14.33 min Scan# 2081

Delta R.T. -0.02 min

Lab File: BP001180.D

Acq: 04 Dec 2019 05:04

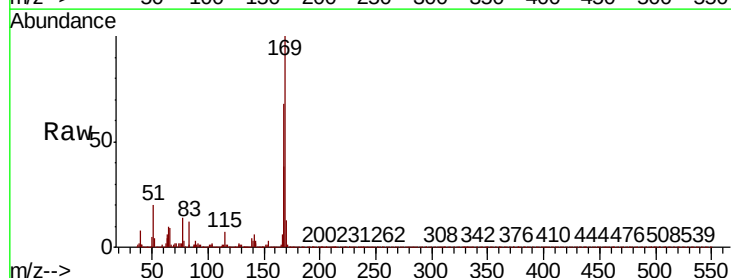
Tgt Ion:169 Resp: 536513

Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.1	81.1
167	37.6	29.5	44.3

169 100

168 67.6 54.1 81.1

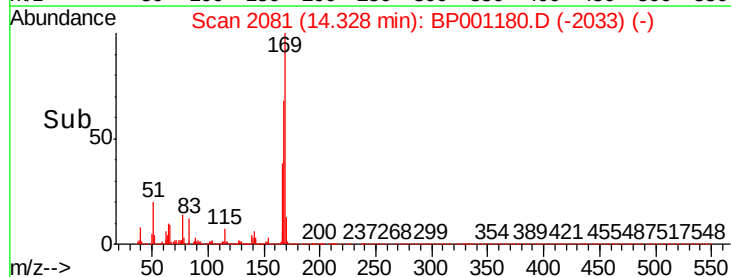
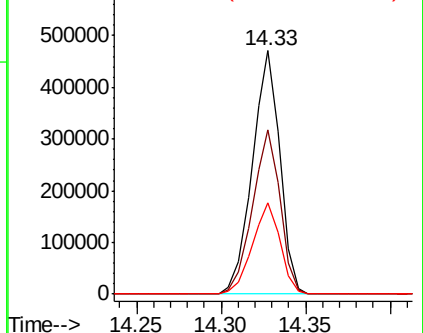
167 37.6 29.5 44.3

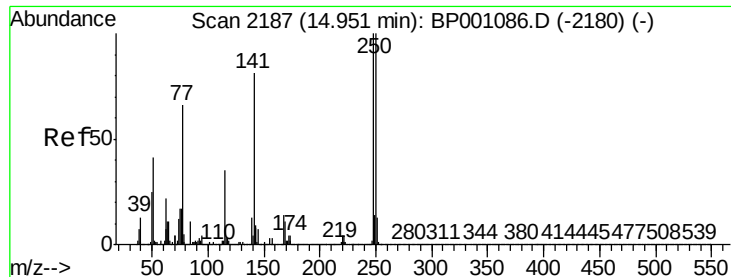


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

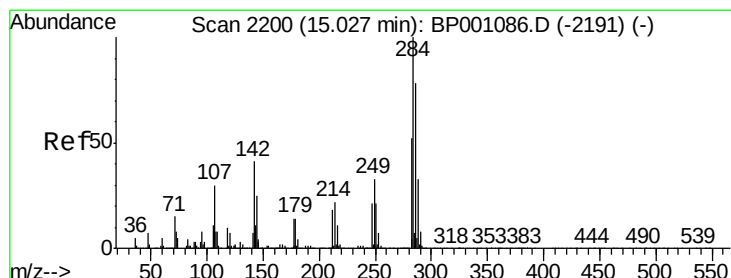
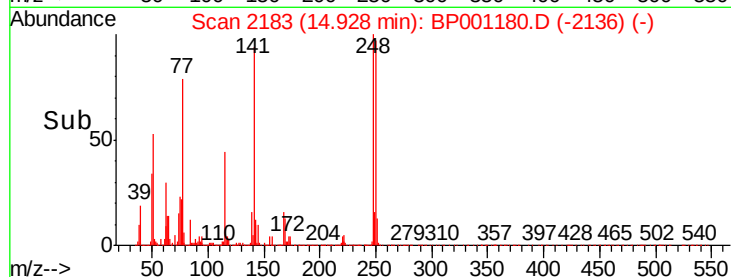
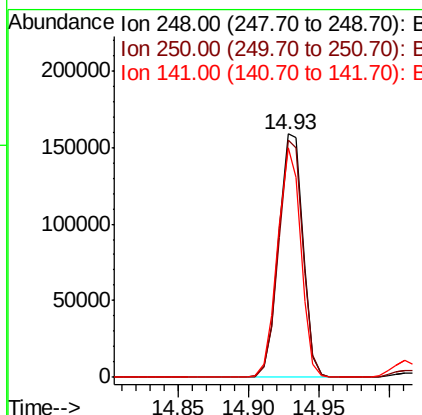
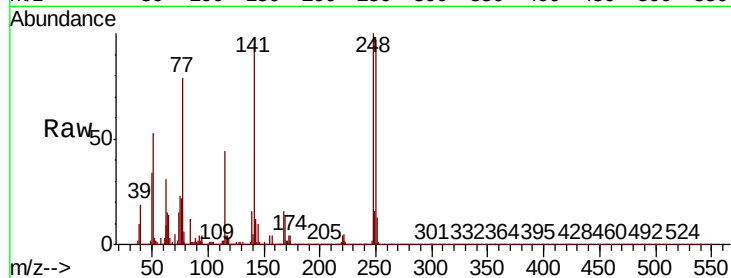




#67
4-Bromophenyl-phenylether
Concen: 40.333 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.02 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

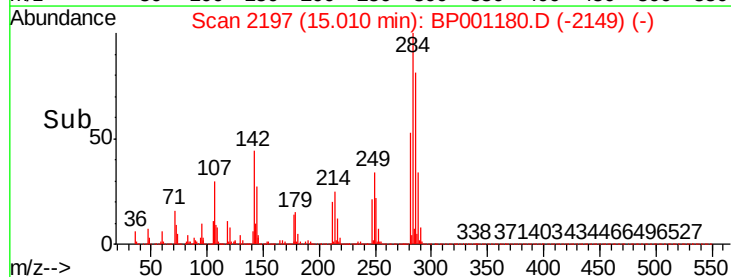
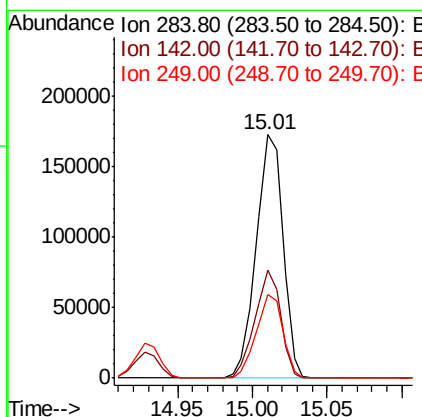
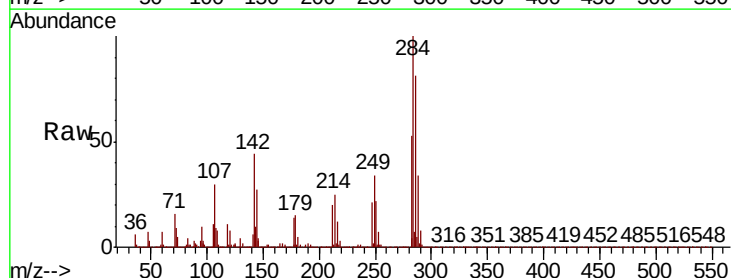
Instrument :
BNA_P
ClientSampleId :

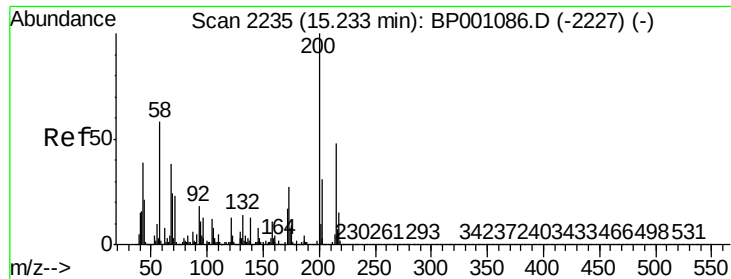
Tot Ion:248 Resp: 190629
Ion Ratio Lower Upper
248 100
250 97.3 80.3 120.5
141 94.5 64.9 97.3



#68
Hexachlorobenzene
Concen: 41.115 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

Tgt Ion:284 Resp: 213637
Ion Ratio Lower Upper
284 100
142 44.1 33.2 49.8
249 34.4 26.2 39.4

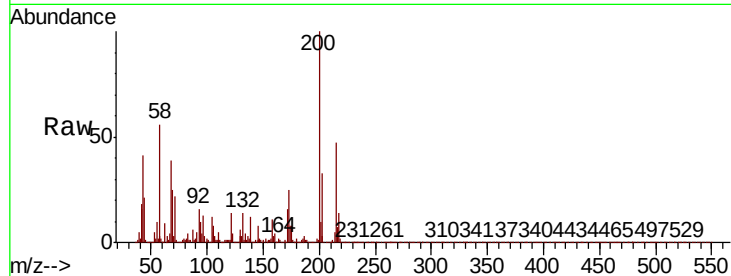




#69
Atrazine
Concen: 40.548 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	6.7	46.7
215	46.6	27.9	67.9

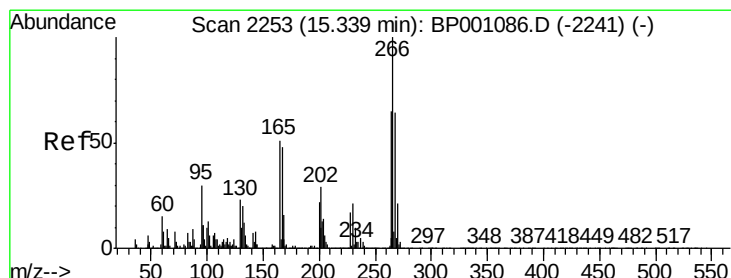
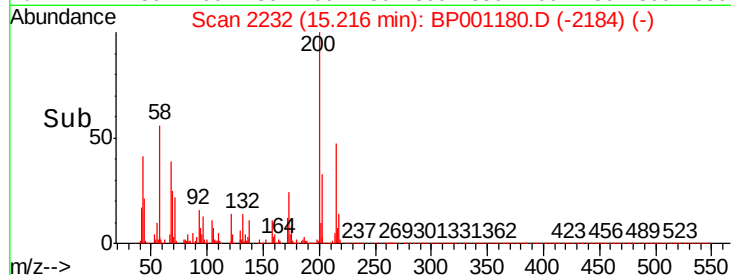
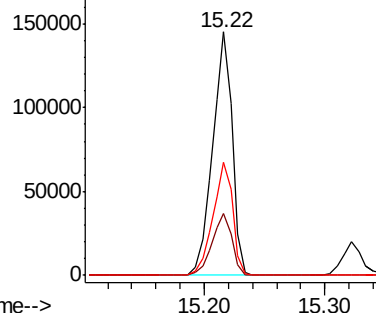


Abundance

Ion 200.00 (199.70 to 200.70): E

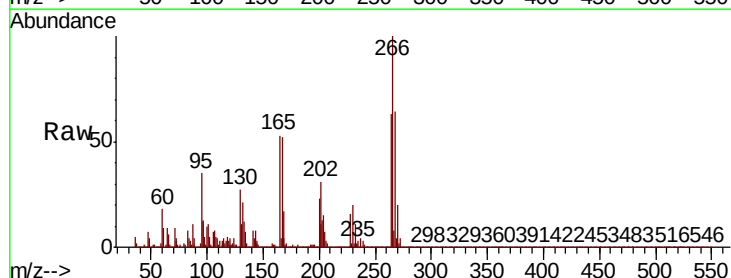
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 40.581 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.02 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.6	77.4
264	63.5	52.2	78.4

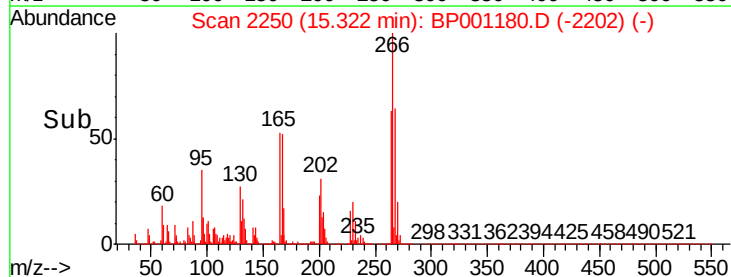
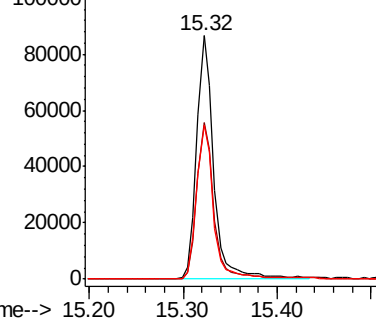


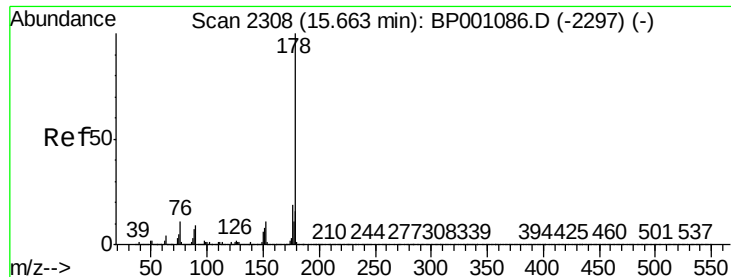
Abundance

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: 41.557 ng

RT: 15.65 min Scan# 2305

Delta R.T. -0.02 min

Lab File: BP001180.D

Acq: 04 Dec 2019 05:04

Instrument :

BNA_P

ClientSampled :

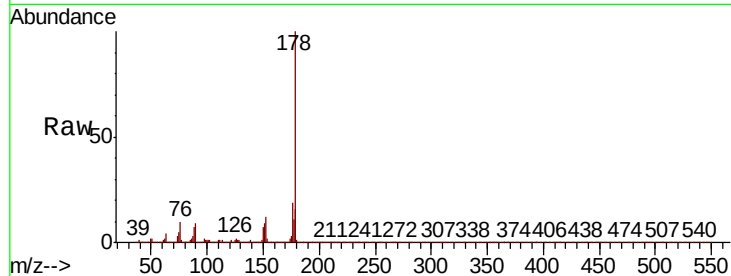
Tot Ion:178 Resp: 951146

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

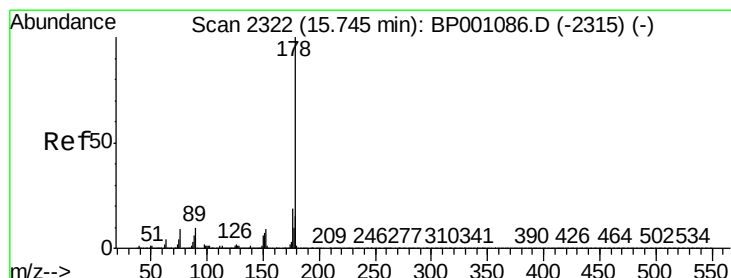
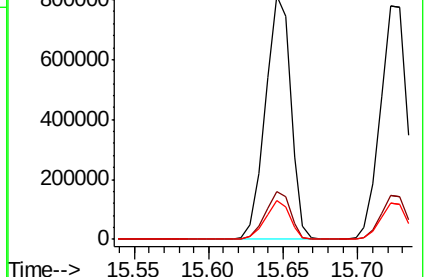
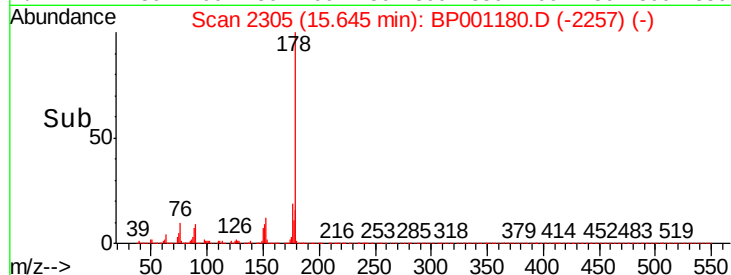
179 15.7 12.5 18.7



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: 41.966 ng

RT: 15.72 min Scan# 2318

Delta R.T. -0.02 min

Lab File: BP001180.D

Acq: 04 Dec 2019 05:04

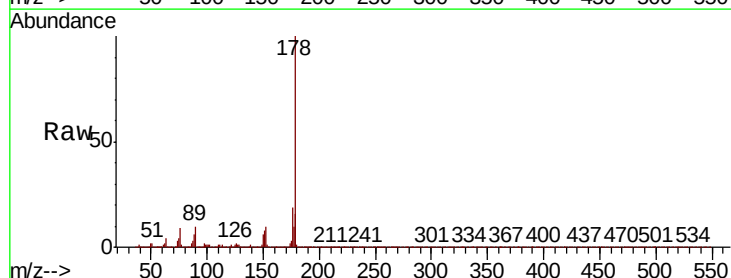
Tgt Ion:178 Resp: 946704

Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

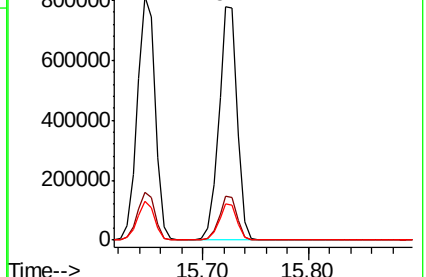
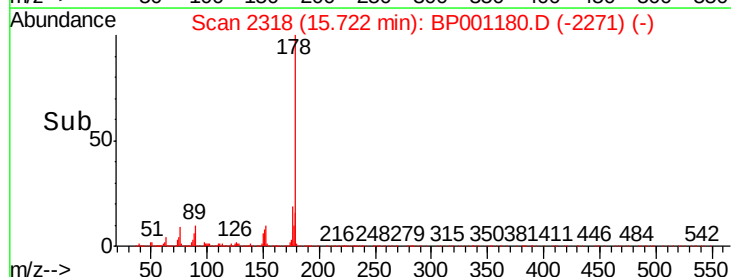
179 15.6 12.2 18.4

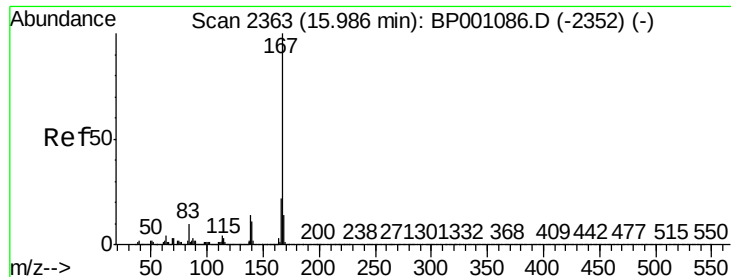


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

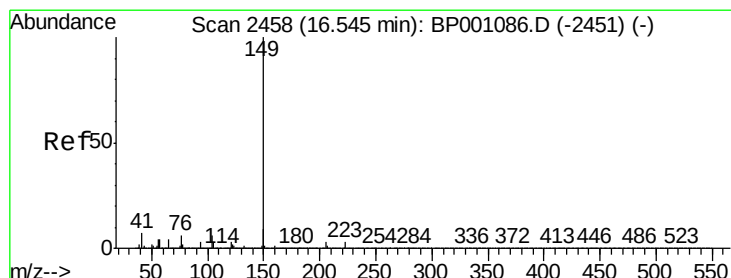
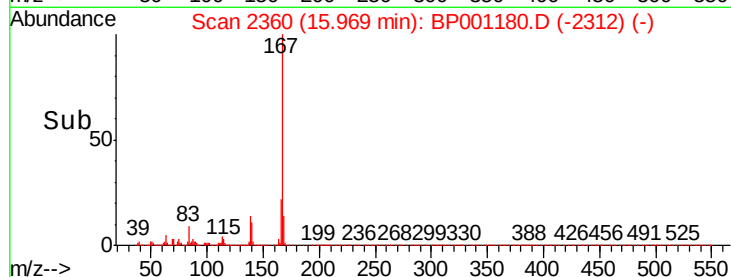
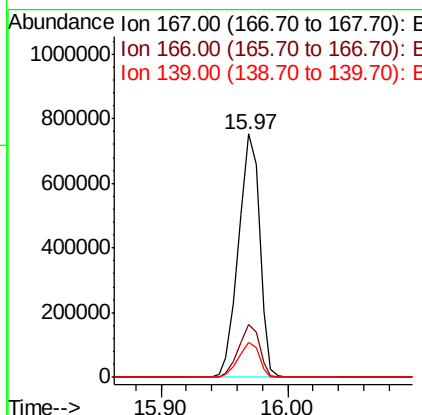
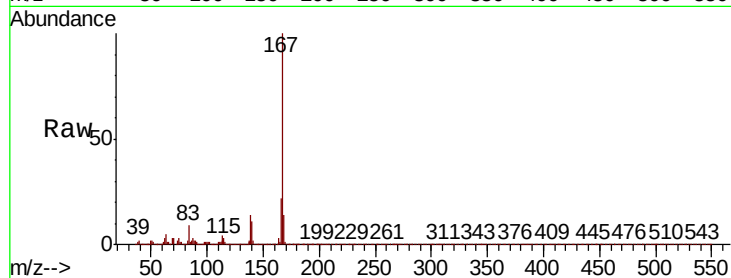




#73
 Carbazole
 Concen: 42.270 ng
 RT: 15.97 min Scan# 2360
 Delta R.T. -0.02 min
 Lab File: BP001180.D
 Acq: 04 Dec 2019 05:04

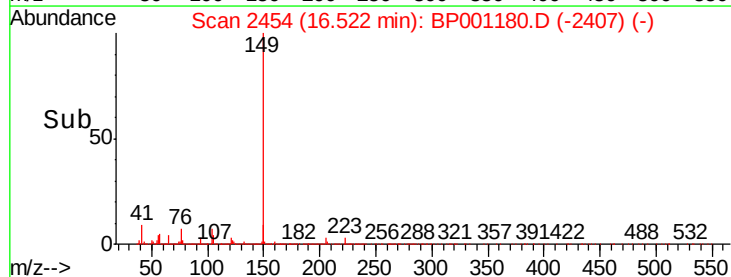
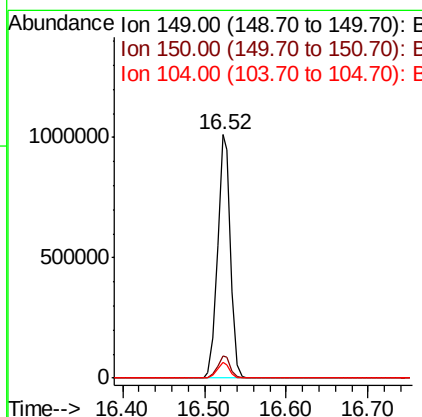
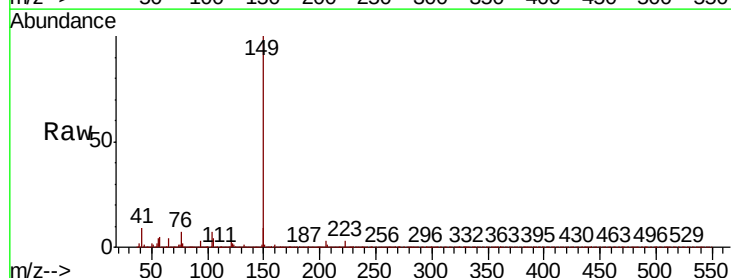
Instrument :
 BNA_P
 ClientSampleId :

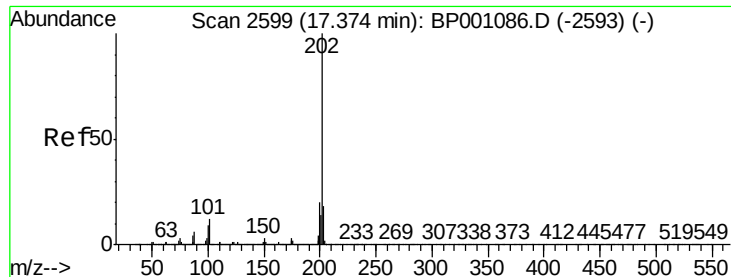
Tot Ion:167 Resp: 867701
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 14.3 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 40.055 ng
 RT: 16.52 min Scan# 2454
 Delta R.T. -0.02 min
 Lab File: BP001180.D
 Acq: 04 Dec 2019 05:04

Tgt Ion:149 Resp: 1105517
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 6.6 4.6 6.8





#75

Fluoranthene

Concen: 43.238 ng

RT: 17.36 min Scan# 2596

Delta R.T. -0.02 min

Lab File: BP001180.D

Acq: 04 Dec 2019 05:04

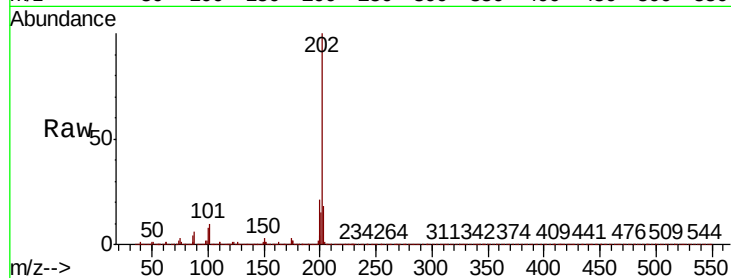
Instrument :

BNA_P

ClientSampleId :

Tot Ion:202 Resp: 1047660

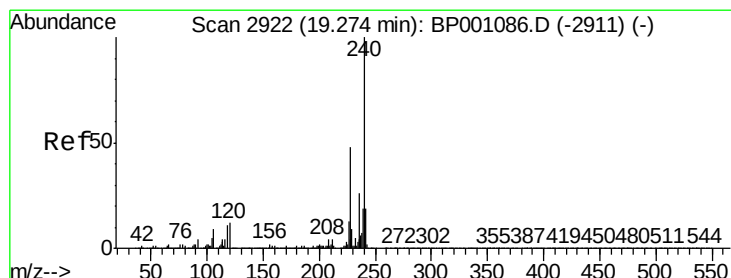
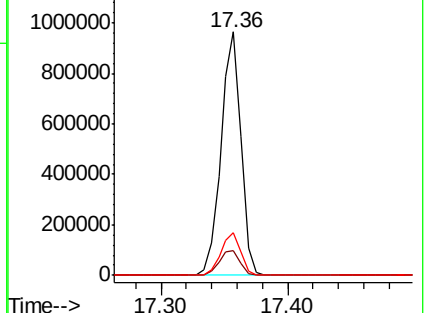
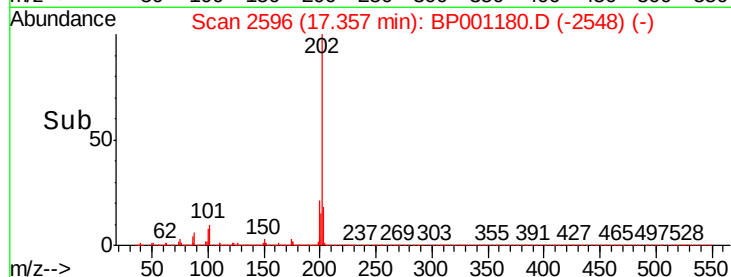
Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	32.1
203	17.6	0.0	37.8



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# 2919

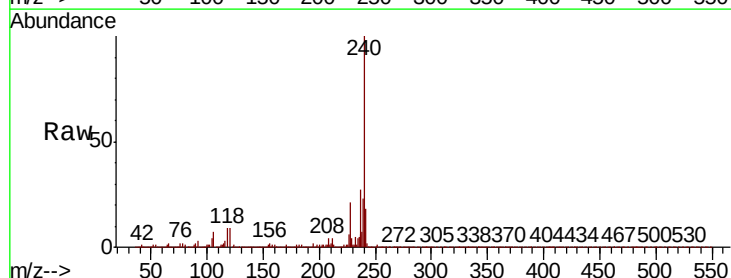
Delta R.T. -0.02 min

Lab File: BP001180.D

Acq: 04 Dec 2019 05:04

Tgt Ion:240 Resp: 338183

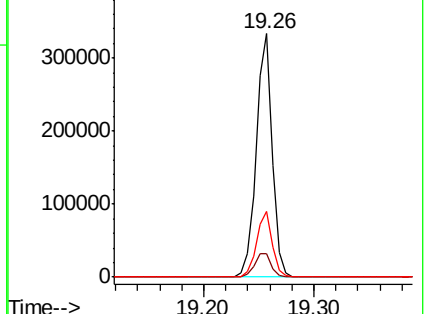
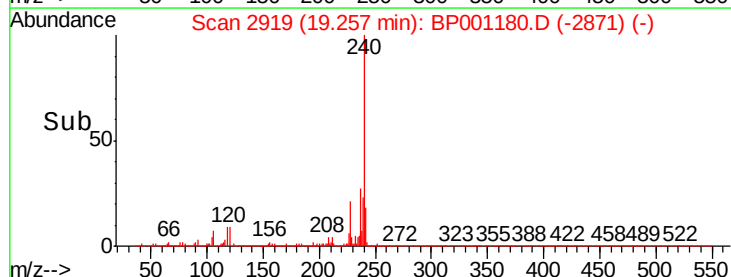
Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.5	14.3#
236	26.9	20.4	30.6

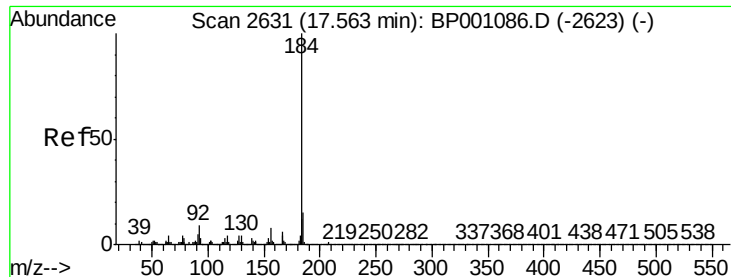


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.346 ng

RT: 17.55 min Scan# 2628

Delta R.T. -0.02 min

Lab File: BP001180.D

Acq: 04 Dec 2019 05:04

Instrument :

BNA_P

ClientSampleId :

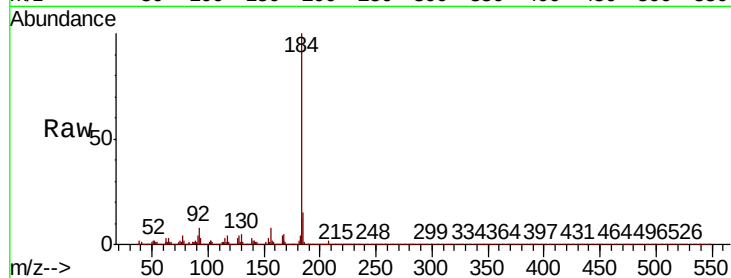
Tot Ion:184 Resp: 343558

Ion Ratio Lower Upper

184 100

185 14.6 12.2 18.4

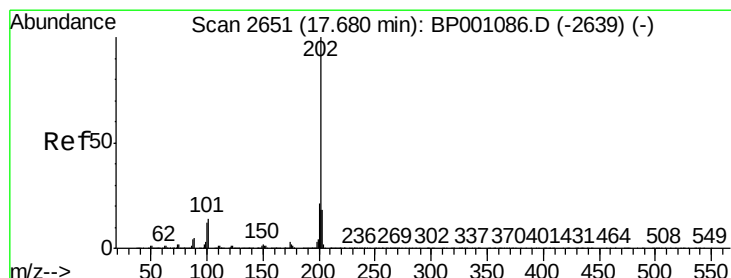
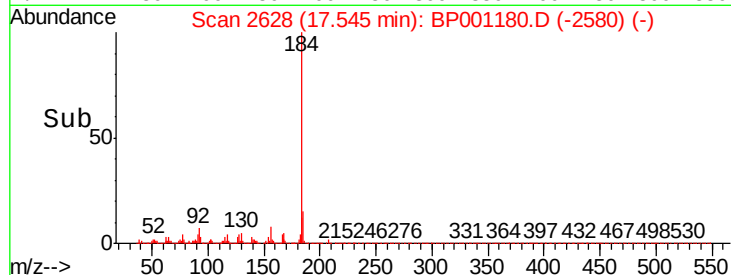
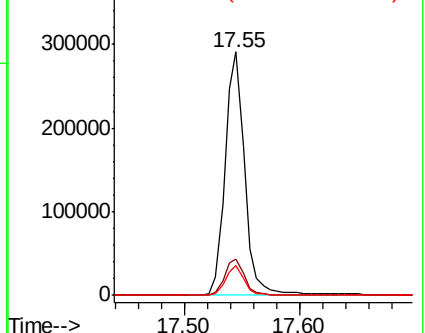
183 12.0 9.3 13.9



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: 39.795 ng

RT: 17.66 min Scan# 2648

Delta R.T. -0.02 min

Lab File: BP001180.D

Acq: 04 Dec 2019 05:04

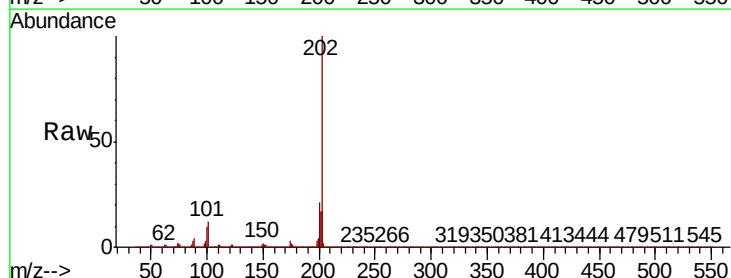
Tgt Ion:202 Resp: 1059985

Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.6

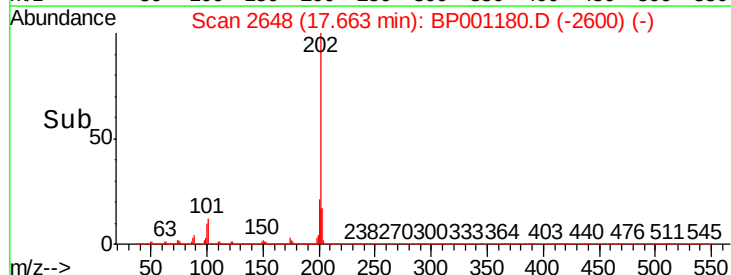
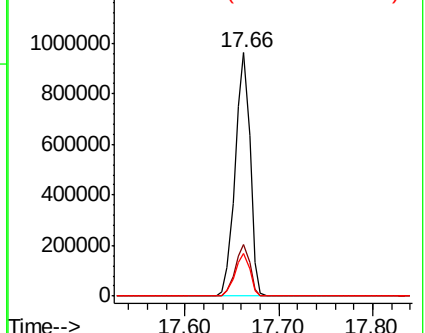
203 17.5 14.1 21.1

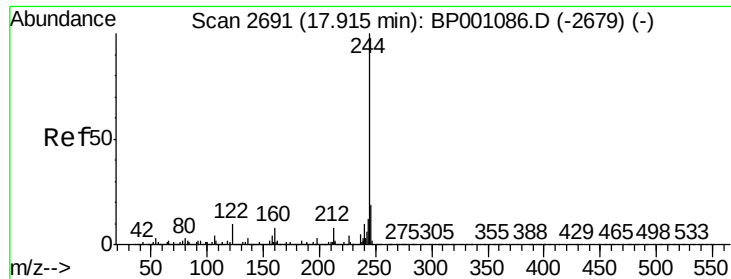


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.733 ng

RT: 17.89 min Scan# 2687

Delta R.T. -0.02 min

Lab File: BP001180.D

Acq: 04 Dec 2019 05:04

Instrument :

BNA_P

ClientSampleId :

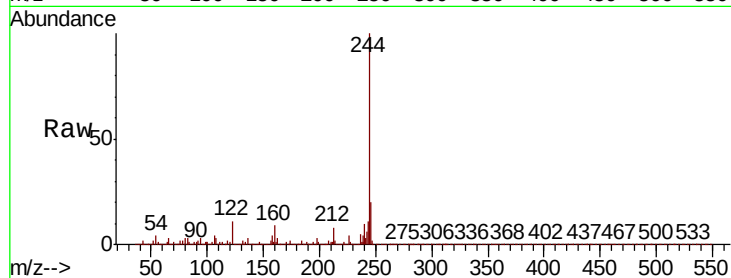
Tot Ion:244 Resp: 1475738

Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.2

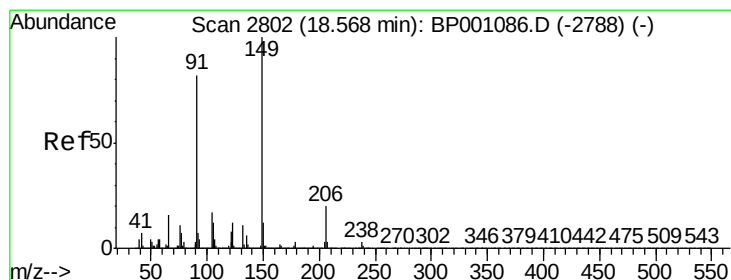
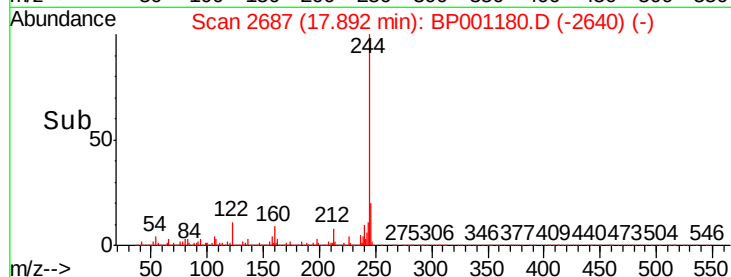
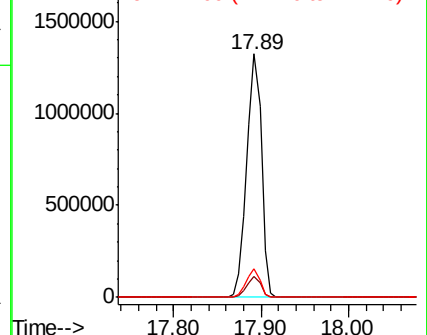
122 11.5 8.2 12.2



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: 39.761 ng

RT: 18.55 min Scan# 2798

Delta R.T. -0.02 min

Lab File: BP001180.D

Acq: 04 Dec 2019 05:04

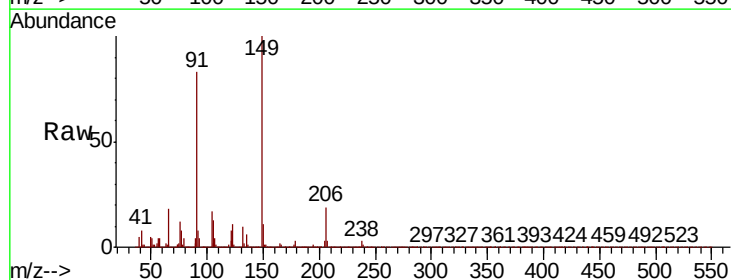
Tgt Ion:149 Resp: 489171

Ion Ratio Lower Upper

149 100

91 82.7 65.4 98.2

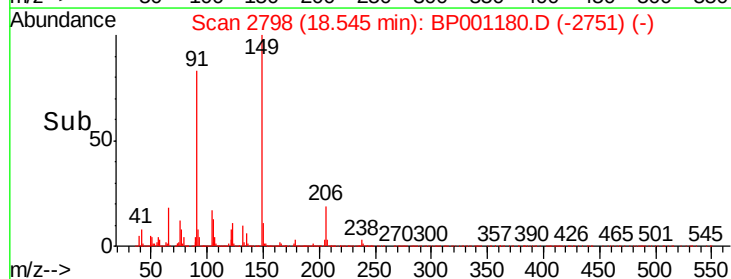
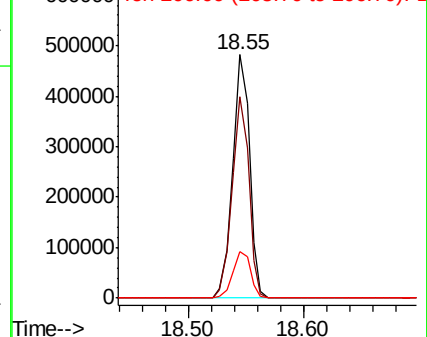
206 19.1 16.0 24.0

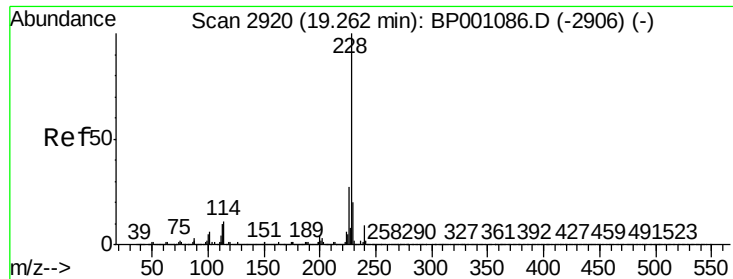


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

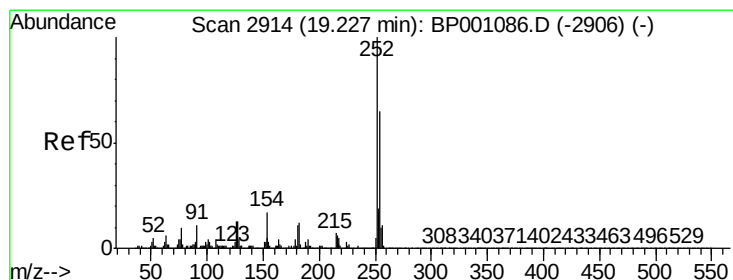
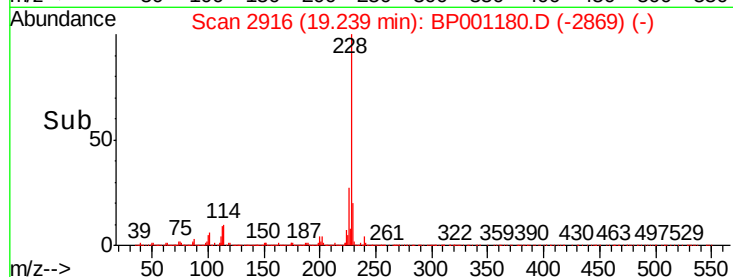
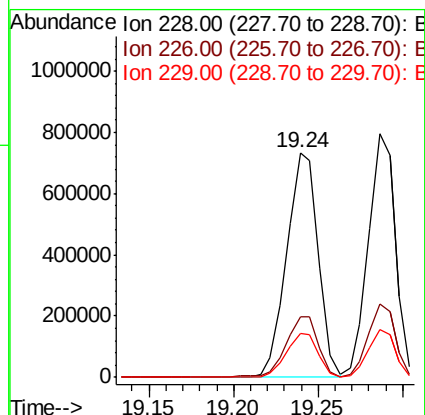
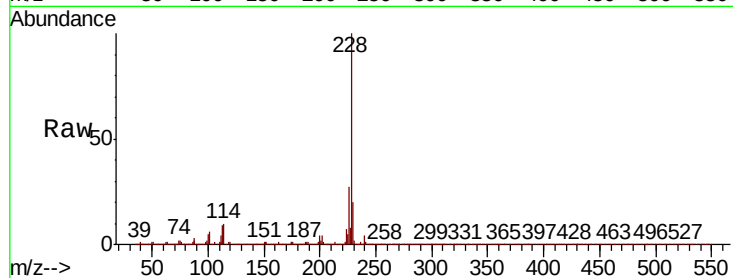




#81
Benzo(a)anthracene
Concen: 40.577 ng
RT: 19.24 min Scan# 2916
Delta R.T. -0.02 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

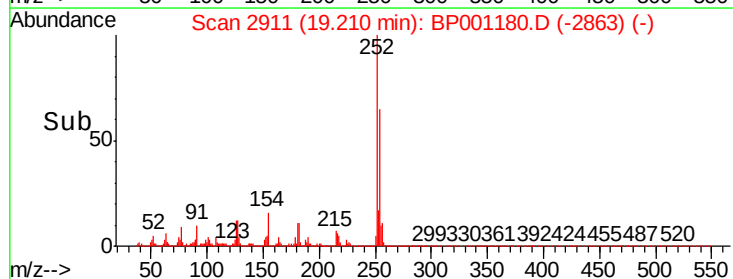
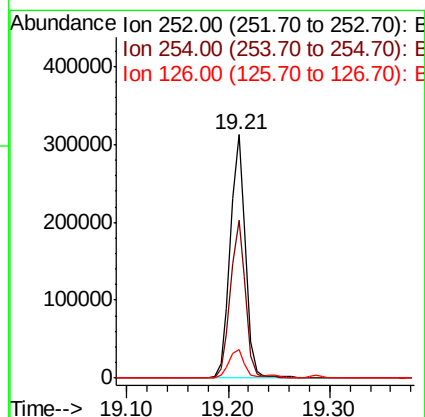
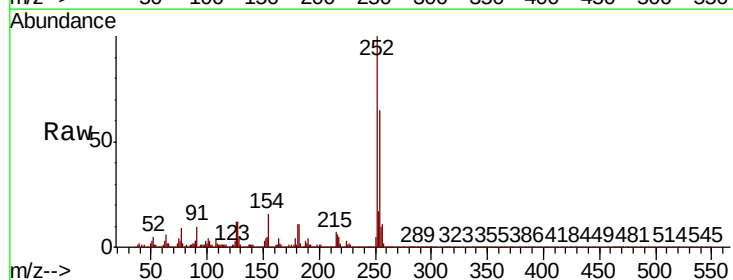
Instrument :
BNA_P
ClientSampled :

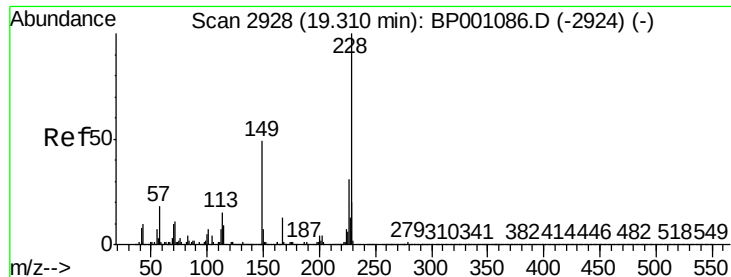
Tot Ion:228 Resp: 951429
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.6
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 42.222 ng
RT: 19.21 min Scan# 2911
Delta R.T. -0.02 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

Tgt Ion:252 Resp: 327058
Ion Ratio Lower Upper
252 100
254 64.7 51.7 77.5
126 12.0 10.2 15.4

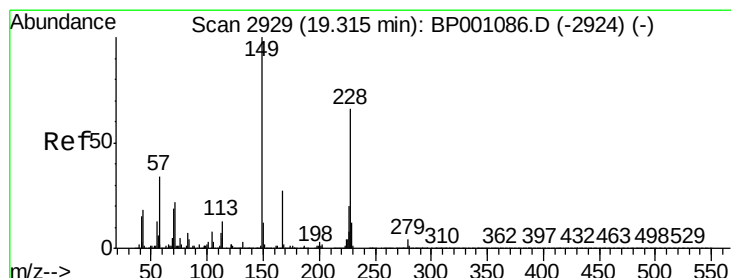
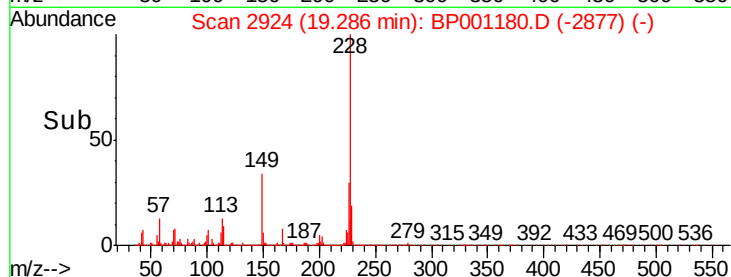
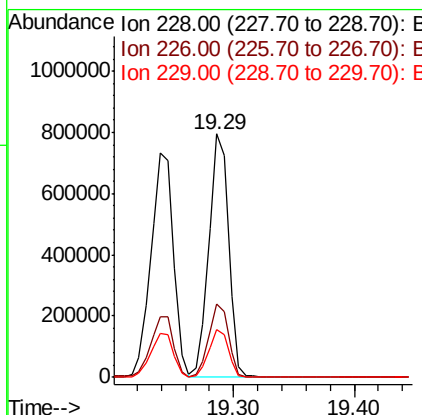
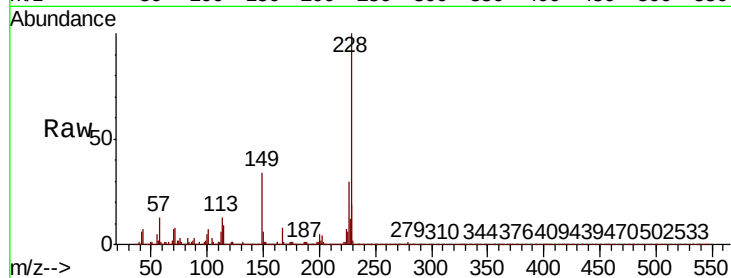




#83
 Chrysene
 Concen: 42.430 ng
 RT: 19.29 min Scan# 2924
 Delta R.T. -0.02 min
 Lab File: BP001180.D
 Acq: 04 Dec 2019 05:04

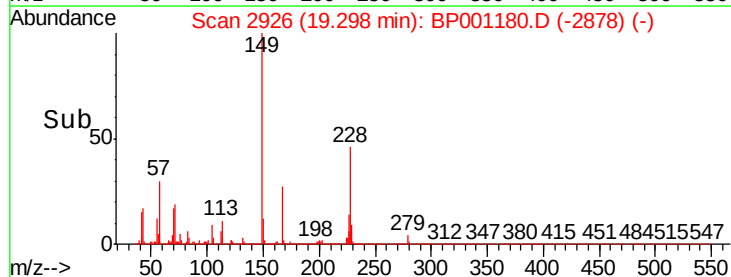
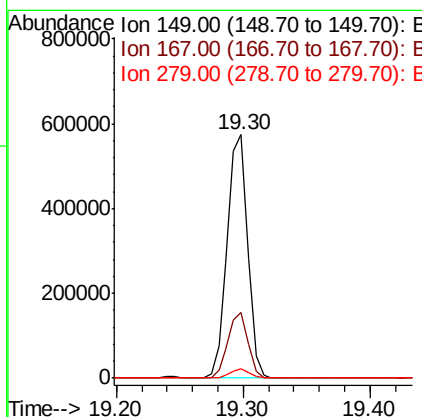
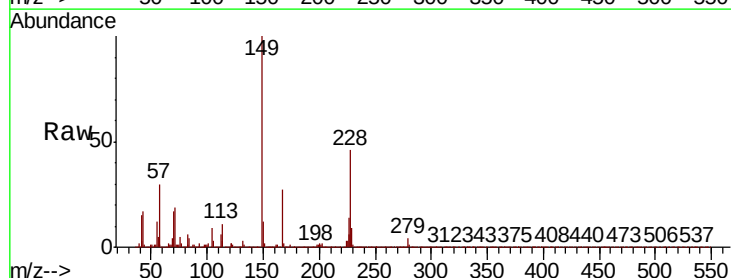
Instrument :
 BNA_P
 ClientSampled :

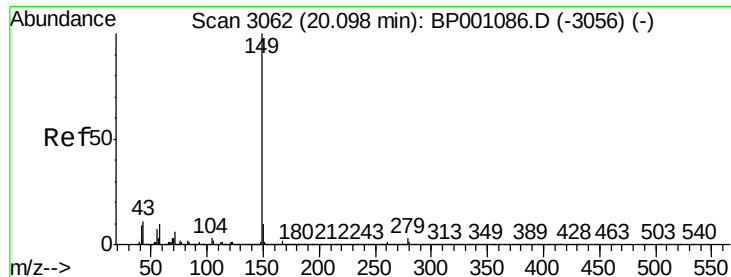
Tot Ion:228 Resp: 890869
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.4 36.6
 229 19.5 15.7 23.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.852 ng
 RT: 19.30 min Scan# 2926
 Delta R.T. -0.02 min
 Lab File: BP001180.D
 Acq: 04 Dec 2019 05:04

Tgt Ion:149 Resp: 640266
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.3 31.9
 279 3.9 2.8 4.2





#85

Di-n-octyl phthalate

Concen: 37.545 ng

RT: 20.07 min Scan# 3058

Delta R.T. -0.02 min

Lab File: BP001180.D

Acq: 04 Dec 2019 05:04

Instrument :

BNA_P

ClientSampled :

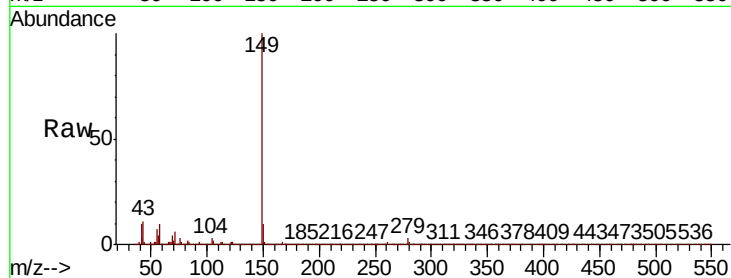
Tot Ion:149 Resp: 1128124

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

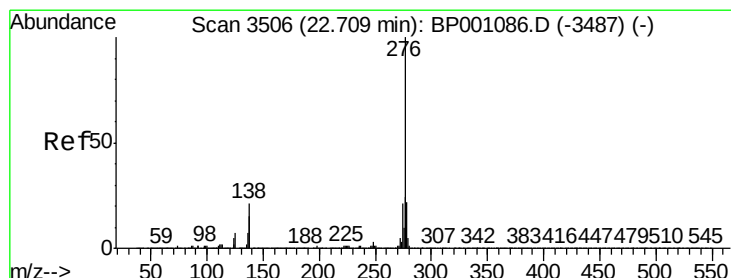
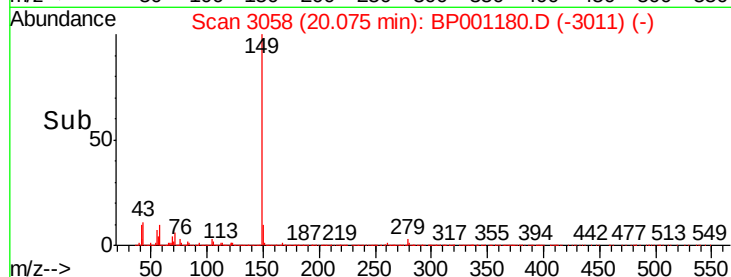
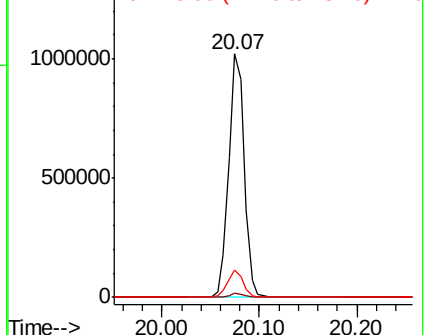
43 11.4 8.5 12.7



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: 40.739 ng

RT: 22.67 min Scan# 3500

Delta R.T. -0.03 min

Lab File: BP001180.D

Acq: 04 Dec 2019 05:04

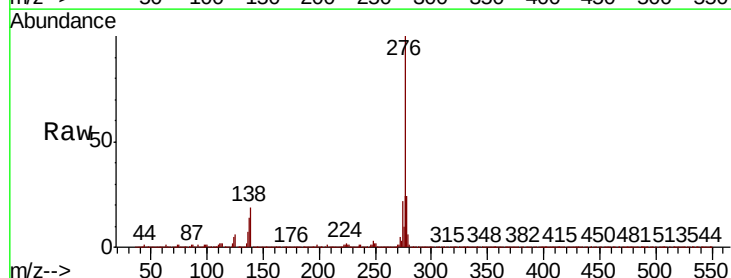
Tgt Ion:276 Resp: 1008082

Ion Ratio Lower Upper

276 100

138 22.9 20.6 30.8

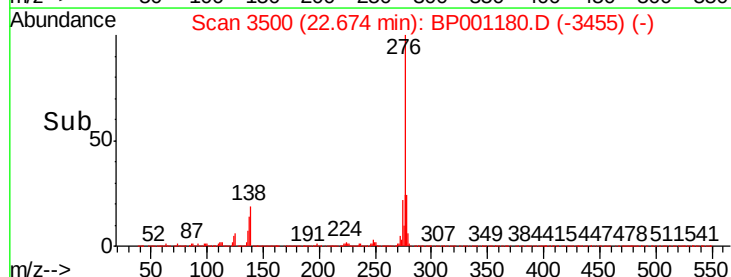
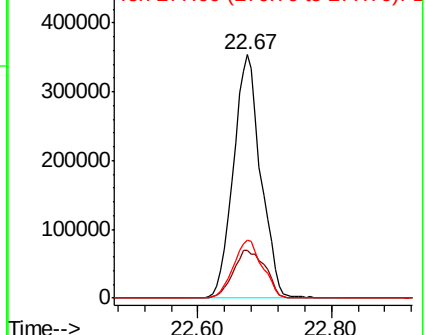
277 25.3 20.0 30.0

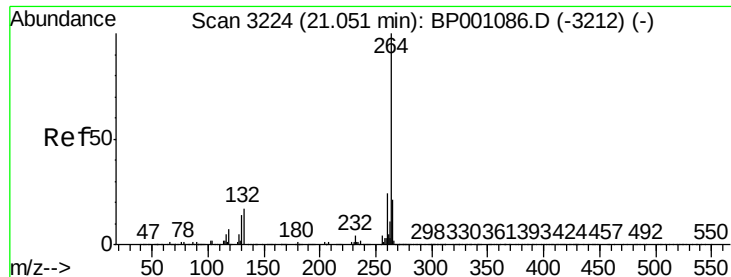


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

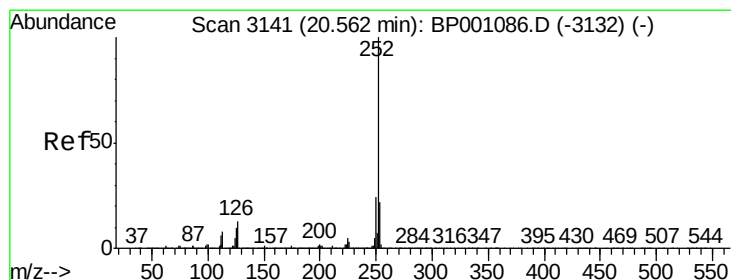
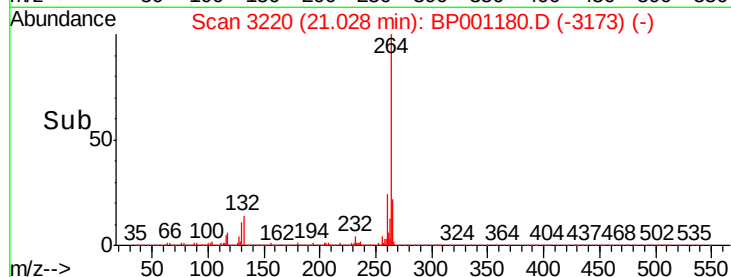
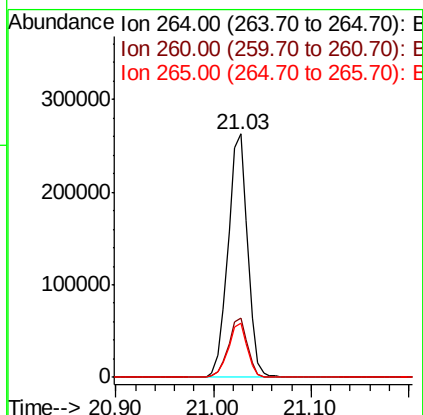
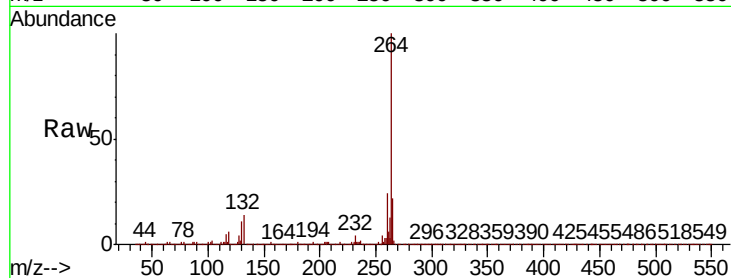




#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.03 min Scan# 3220
Delta R.T. -0.02 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

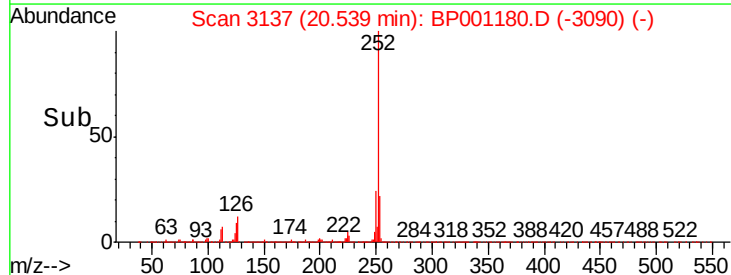
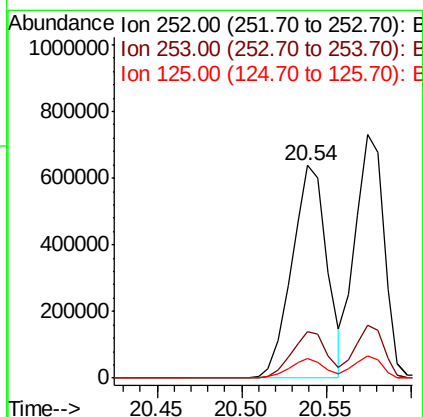
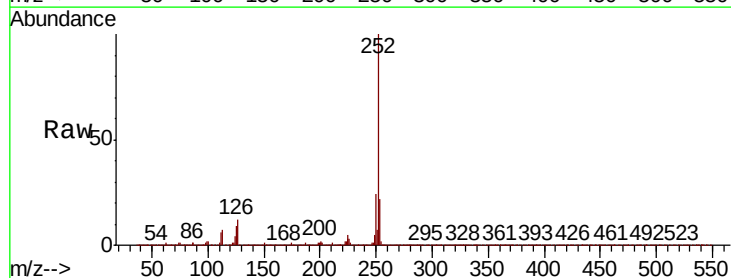
Instrument :
BNA_P
ClientSampleId :

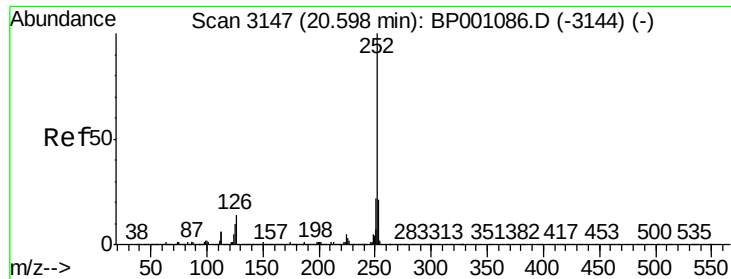
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.8	28.2
265	22.4	16.9	25.3



#88
Benzo(b)fluoranthene
Concen: 41.240 ng
RT: 20.54 min Scan# 3137
Delta R.T. -0.02 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	9.0	8.1	12.1

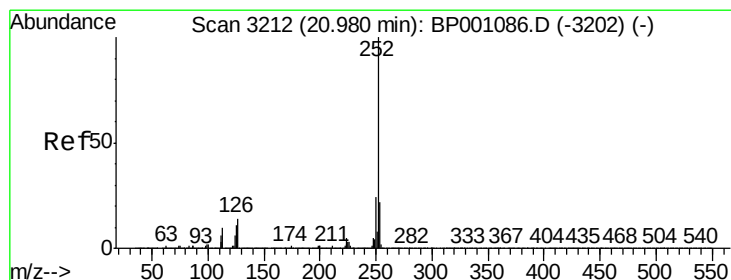
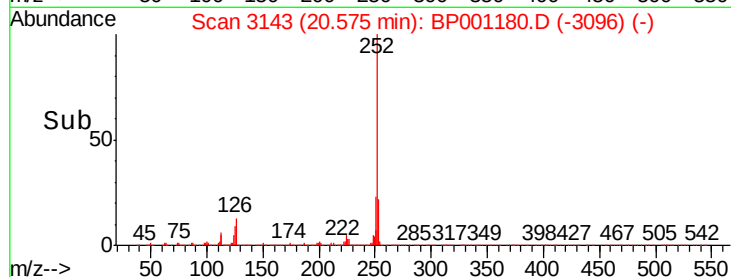
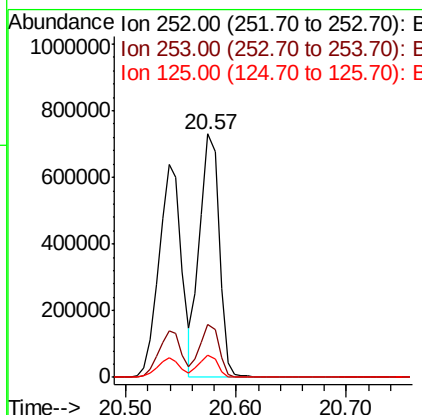
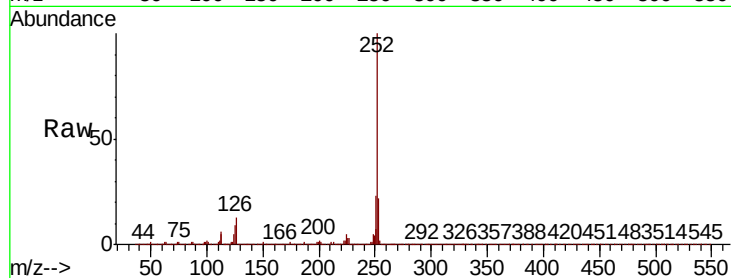




#89
Benzo(k)fluoranthene
Concen: 41.003 ng
RT: 20.57 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

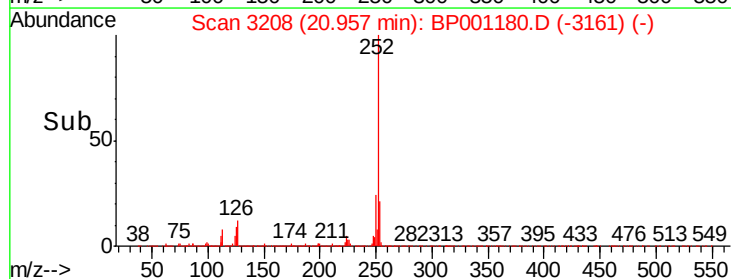
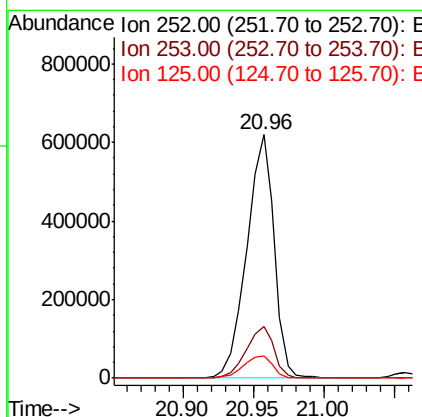
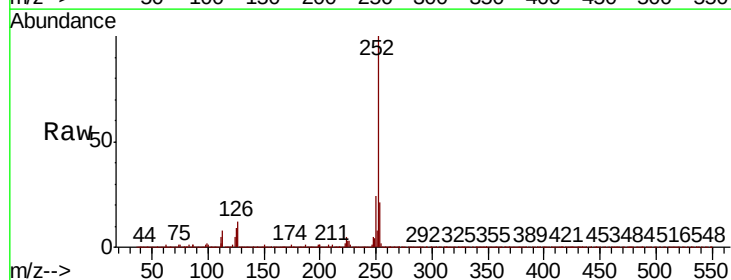
Instrument :
BNA_P
ClientSampleId :

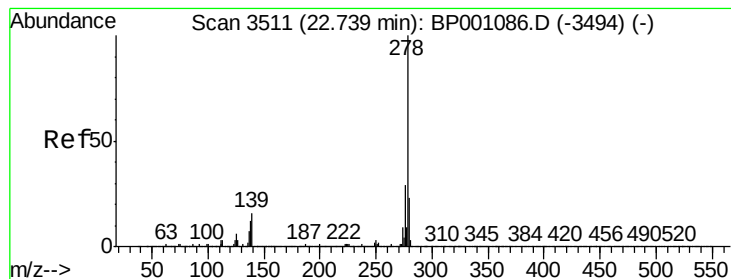
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	9.3	8.2	12.2



#90
Benzo(a)pyrene
Concen: 41.182 ng
RT: 20.96 min Scan# 3208
Delta R.T. -0.02 min
Lab File: BP001180.D
Acq: 04 Dec 2019 05:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.4	26.0
125	9.2	8.7	13.1





#91

Dibenzo(a,h)anthracene

Concen: 41.338 ng

RT: 22.70 min Scan# 3504

Delta R.T. -0.04 min

Lab File: BP001180.D

Acq: 04 Dec 2019 05:04

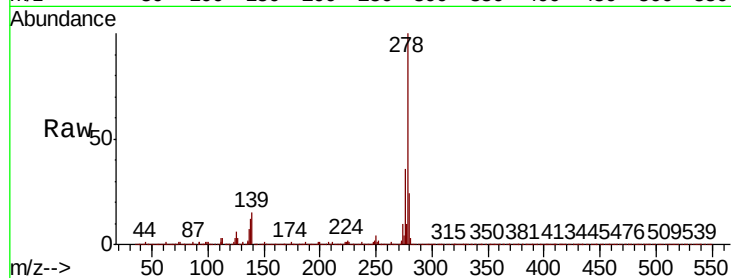
Instrument :

BNA_P

ClientSampleId :

Tot Ion:278 Resp: 828340

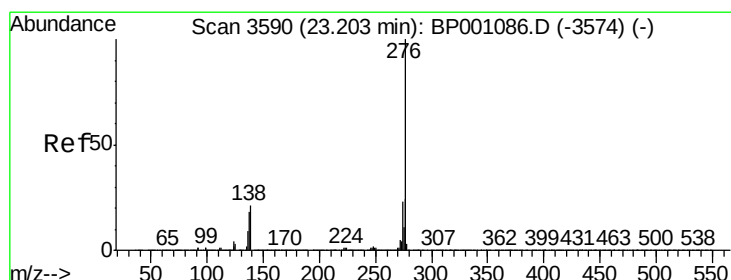
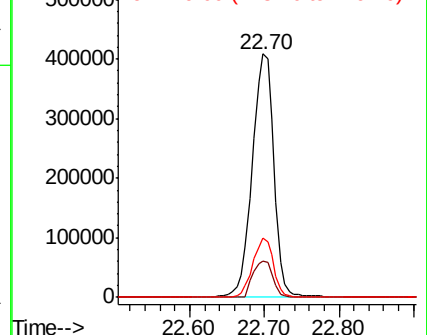
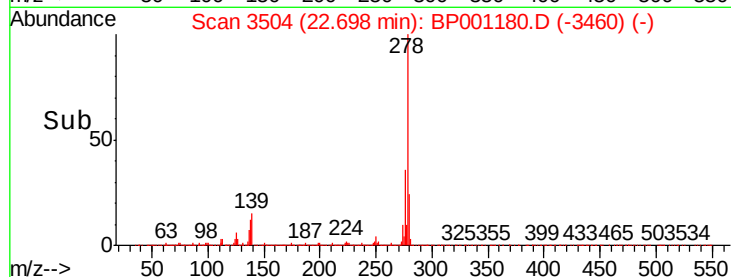
Ion	Ratio	Lower	Upper
278	100		
139	14.8	13.0	19.4
279	24.3	18.7	28.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.153 ng

RT: 23.16 min Scan# 3583

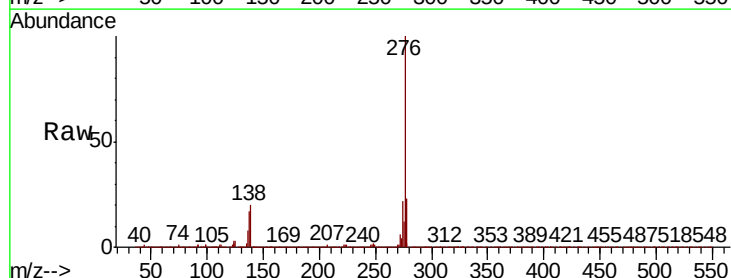
Delta R.T. -0.04 min

Lab File: BP001180.D

Acq: 04 Dec 2019 05:04

Tgt Ion:276 Resp: 814284

Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.2	28.8
138	19.6	17.2	25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

