

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
 Data File : BP001158.D
 Acq On : 03 Dec 2019 16:41
 Operator : JU
 Sample : PB125130BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 04 03:41:40 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	113772	20.00	ng	-0.01
21) Naphthalene-d8	10.35	136	450587	20.00	ng	-0.01
39) Acenaphthene-d10	13.22	164	256450	20.00	ng	-0.02
64) Phenanthrene-d10	15.62	188	478433	20.00	ng	-0.01
76) Chrysene-d12	19.26	240	374094	20.00	ng	-0.01
87) Perylene-d12	21.03	264	335950	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	6.23	112	915364	133.48	ng	0.00
7) Phenol-d6	7.77	99	1212534	132.72	ng	0.00
23) Nitrobenzene-d5	9.20	82	668507	64.37	ng	-0.01
42) 2,4,6-Tribromophenol	14.51	330	306992	124.89	ng	-0.01
45) 2-Fluorobiphenyl	12.13	172	1101813	62.88	ng	-0.02
79) Terphenyl-d14	17.90	244	1249894	61.81	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	120618	37.657	ng	97
3) Pyridine	3.48	79	303018	34.092	ng	94
4) n-Nitrosodimethylamine	3.38	42	189719	49.327	ng	85
6) Aniline	7.79	93	360305	29.745	ng	# 41
8) 2-Chlorophenol	7.98	128	335037	47.221	ng	97
9) Benzaldehyde	7.61	77	162386	28.207	ng	100
10) Phenol	7.79	94	482911	46.470	ng	92
11) bis(2-Chloroethyl)ether	7.92	93	357630	44.195	ng	99
12) 1,3-Dichlorobenzene	8.22	146	358638	42.646	ng	98
13) 1,4-Dichlorobenzene	8.34	146	363568	42.917	ng	99
14) 1,2-Dichlorobenzene	8.58	146	348440	43.704	ng	99
15) Benzyl Alcohol	8.55	79	369829	49.314	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.77	45	535573	41.167	ng	99
17) 2-Methylphenol	8.74	107	300067	46.105	ng	97
18) Hexachloroethane	9.12	117	151045	43.101	ng	98
19) n-Nitroso-di-n-propylamine	8.98	70	285445	43.300	ng	94
20) 3+4-Methylphenols	8.98	107	383593	46.756	ng	99
22) Acetophenone	8.96	105	547326	41.328	ng	# 97
24) Nitrobenzene	9.23	77	448030	43.383	ng	99
25) Isophorone	9.62	82	779564	41.859	ng	99
26) 2-Nitrophenol	9.74	139	170653	45.114	ng	96
27) 2,4-Dimethylphenol	9.83	122	298644	49.842	ng	97
28) bis(2-Chloroethoxy)methane	9.99	93	446211	38.188	ng	99
29) 2,4-Dichlorophenol	10.13	162	293793	43.081	ng	99
30) 1,2,4-Trichlorobenzene	10.26	180	323605	40.627	ng	98
31) Naphthalene	10.39	128	976575	42.437	ng	99
32) Benzoic acid	10.02	122	193842	44.749	ng	97
33) 4-Chloroaniline	10.47	127	229604	22.992	ng	99
34) Hexachlorobutadiene	10.61	225	203782	40.670	ng	100
35) Caprolactam	11.05	113	64861	27.596	ng	96
36) 4-Chloro-3-methylphenol	11.29	107	352231	43.564	ng	98
37) 2-Methylnaphthalene	11.52	142	667882	42.533	ng	97
38) 1-Methylnaphthalene	11.67	142	626416	42.230	ng	99
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	322102	39.855	ng	98

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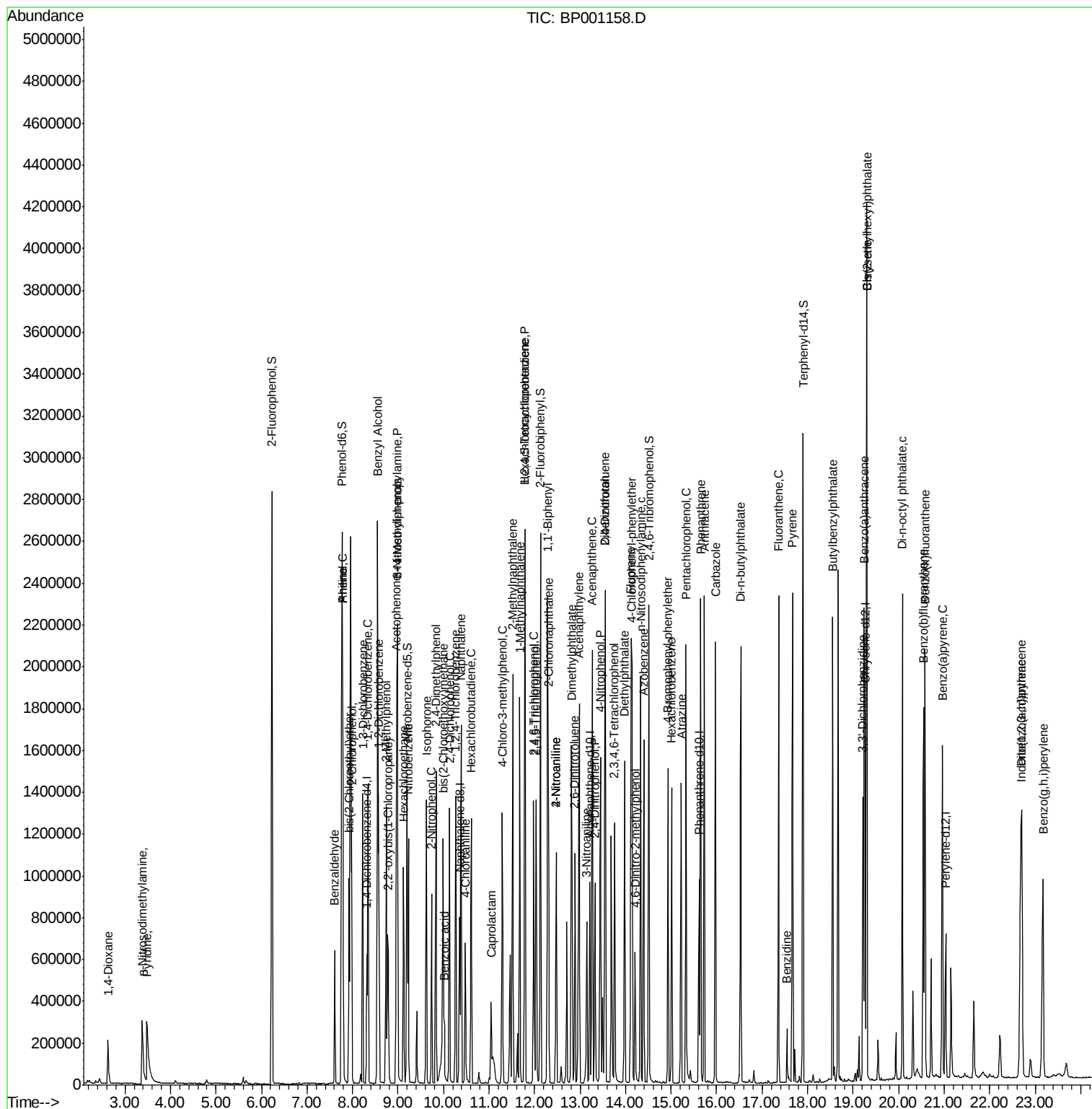
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.79	237	292003	78.319	ng	99
43) 2,4,6-Trichlorophenol	11.98	196	218203	41.350	ng	100
44) 2,4,5-Trichlorophenol	12.04	196	230525	42.163	ng	96
46) 1,1'-Biphenyl	12.29	154	802174	40.474	ng	100
47) 2-Chloronaphthalene	12.31	162	624698	39.460	ng	99
48) 2-Nitroaniline	12.47	65	252582	40.709	ng	96
49) Acenaphthylene	12.98	152	991735	41.792	ng	99
50) Dimethylphthalate	12.81	163	755294	39.379	ng	99
51) 2,6-Dinitrotoluene	12.89	165	167521	40.801	ng	98
52) Acenaphthene	13.27	154	582965	40.839	ng	98
53) 3-Nitroaniline	13.15	138	125443	27.198	ng	96
54) 2,4-Dinitrophenol	13.33	184	124953	74.995	ng	88
55) Dibenzofuran	13.56	168	896008	41.771	ng	98
56) 4-Nitrophenol	13.45	139	285622	87.394	ng	86
57) 2,4-Dinitrotoluene	13.55	165	218265	42.411	ng	# 87
58) Fluorene	14.12	166	708794	41.237	ng	99
59) 2,3,4,6-Tetrachlorophenol	13.76	232	191788	42.673	ng	# 96
60) Diethylphthalate	13.98	149	757425	38.139	ng	99
61) 4-Chlorophenyl-phenylether	14.13	204	350597	40.057	ng	96
62) 4-Nitroaniline	12.47	138	208193	38.934	ng	92
63) Azobenzene	14.40	77	864236	40.259	ng	97
65) 4,6-Dinitro-2-methylphenol	14.21	198	88529	43.779	ng	97
66) n-Nitrosodiphenylamine	14.33	169	614138	42.247	ng	99
67) 4-Bromophenyl-phenylether	14.93	248	205931	39.647	ng	95
68) Hexachlorobenzene	15.02	284	229455	40.182	ng	97
69) Atrazine	15.22	200	209234	47.140	ng	99
70) Pentachlorophenol	15.33	266	271238	91.134	ng	97
71) Phenanthrene	15.65	178	1056143	41.989	ng	100
72) Anthracene	15.73	178	1075006	43.361	ng	99
73) Carbazole	15.97	167	964451	42.752	ng	99
74) Di-n-butylphthalate	16.53	149	1197920	39.494	ng	99
75) Fluoranthene	17.36	202	1156329	43.425	ng	98
77) Benzidine	17.54	184	112946	11.694	ng	100
78) Pyrene	17.67	202	1187940	40.318	ng	99
80) Butylbenzylphthalate	18.55	149	513331	37.720	ng	98
81) Benzo(a)anthracene	19.24	228	1040407	40.112	ng	100
82) 3,3'-Dichlorobenzidine	19.22	252	322821	37.675	ng	99
83) Chrysene	19.29	228	966403	41.609	ng	99
84) Bis(2-ethylhexyl)phthalate	19.30	149	679071	36.293	ng	99
85) Di-n-octyl phthalate	20.08	149	1215949	36.583	ng	99
86) Indeno(1,2,3-cd)pyrene	22.68	276	1054417	38.521	ng	98
88) Benzo(b)fluoranthene	20.54	252	987869	48.142	ng	99
89) Benzo(k)fluoranthene	20.58	252	950866	48.112	ng	99
90) Benzo(a)pyrene	20.96	252	873748	46.228	ng	99
91) Dibenzo(a,h)anthracene	22.71	278	889421	48.086	ng	98
92) Benzo(g,h,i)perylene	23.17	276	902223	49.398	ng	99

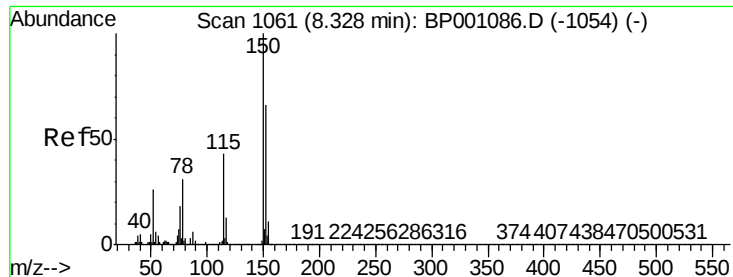
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.32 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BP001158.D

Acq: 03 Dec 2019 16:41

Instrument :

BNA_P

ClientSampleId :

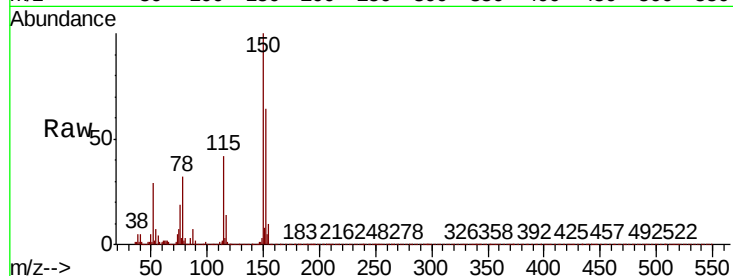
Tot Ion:152 Resp: 113772

Ion Ratio Lower Upper

152 100

150 155.3 120.6 181.0

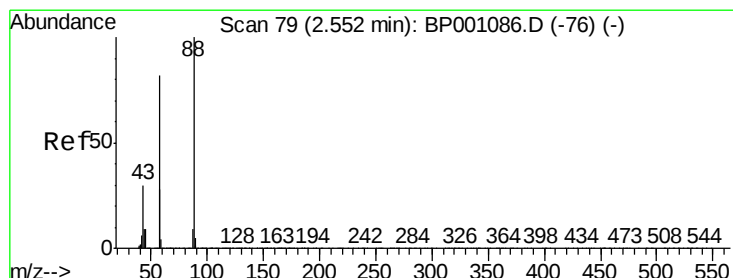
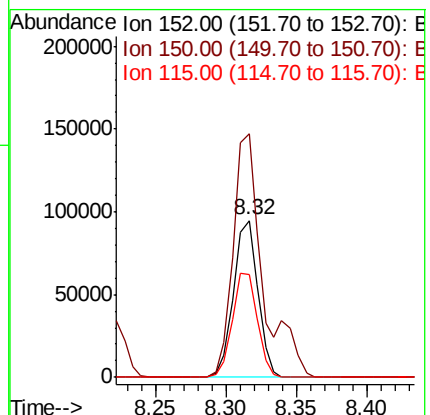
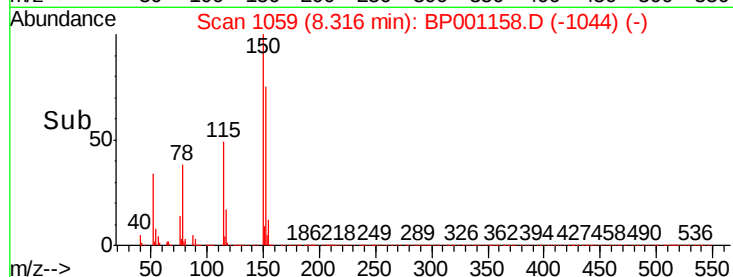
115 65.6 51.6 77.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.657 ng

RT: 2.62 min Scan# 91

Delta R.T. 0.07 min

Lab File: BP001158.D

Acq: 03 Dec 2019 16:41

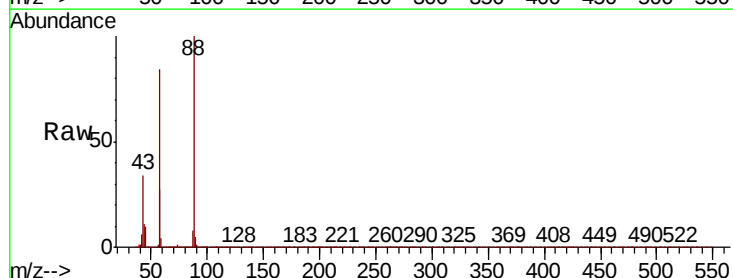
Tgt Ion: 88 Resp: 120618

Ion Ratio Lower Upper

88 100

58 82.9 64.3 96.5

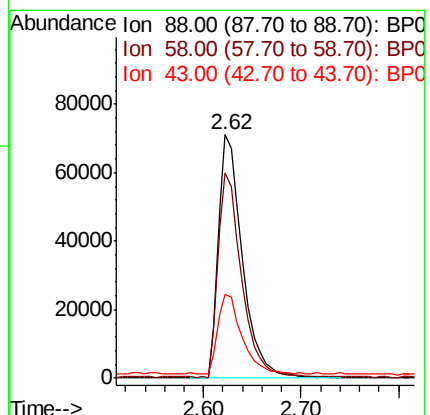
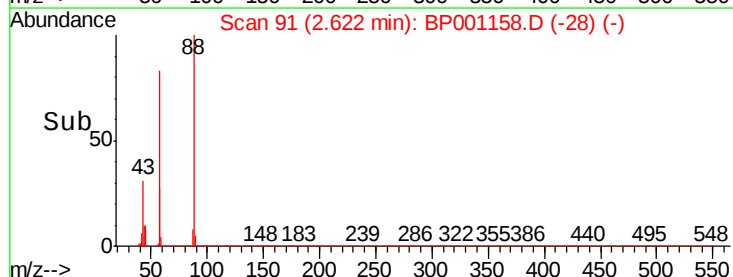
43 32.6 23.8 35.6

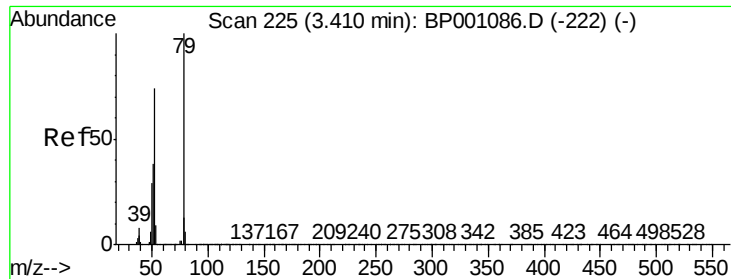


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 34.092 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.07 min

Lab File: BP001158.D

Acq: 03 Dec 2019 16:41

Instrument :

BNA_P

ClientSampleId :

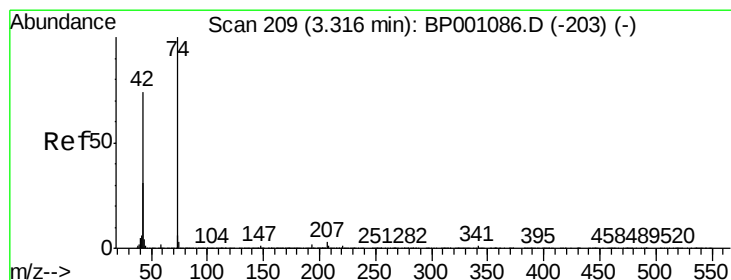
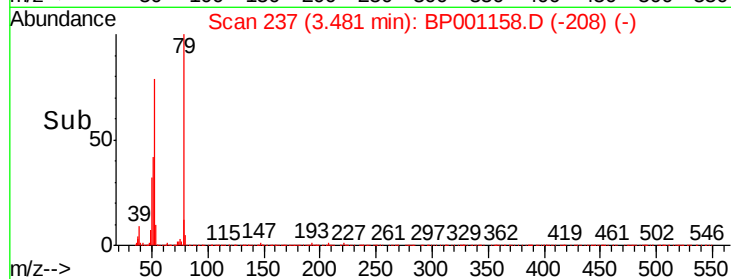
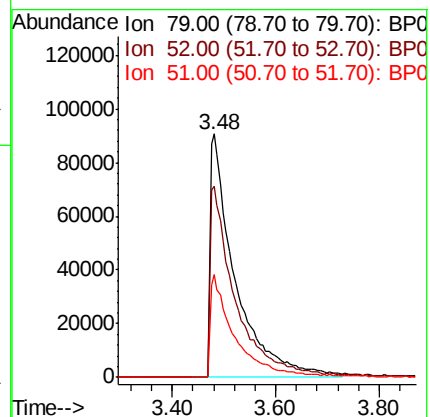
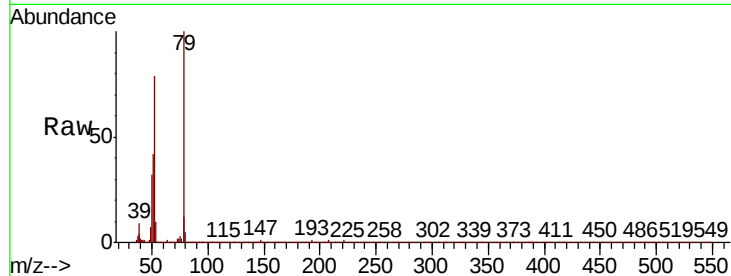
Tot Ion: 79 Resp: 303018

Ion Ratio Lower Upper

79 100

52 78.7 59.4 89.2

51 42.5 30.2 45.4



#4

n-Nitrosodimethylamine

Concen: 49.327 ng

RT: 3.38 min Scan# 220

Delta R.T. 0.06 min

Lab File: BP001158.D

Acq: 03 Dec 2019 16:41

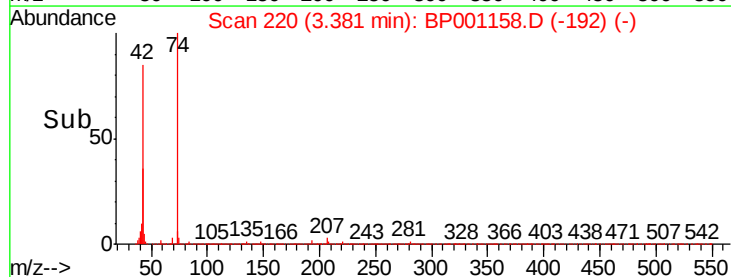
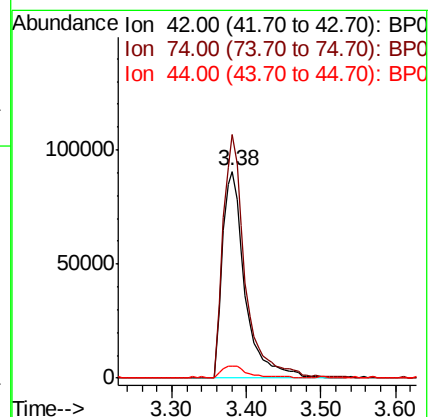
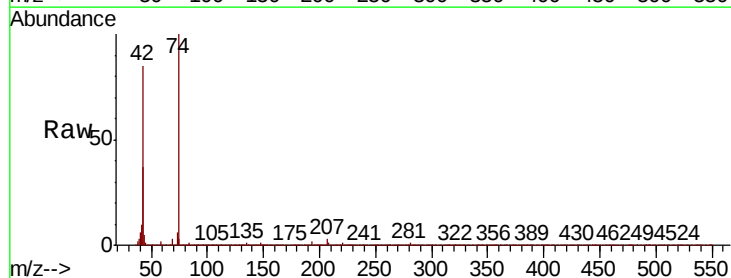
Tgt Ion: 42 Resp: 189719

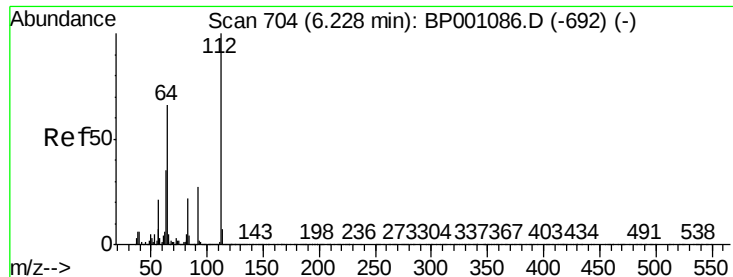
Ion Ratio Lower Upper

42 100

74 117.7 108.6 163.0

44 6.0 5.1 7.7





#5

2-Fluorophenol

Concen: 133.483 ng

RT: 6.23 min Scan# 704

Delta R.T. 0.00 min

Lab File: BP001158.D

Acq: 03 Dec 2019 16:41

Instrument :

BNA_P

ClientSampleId :

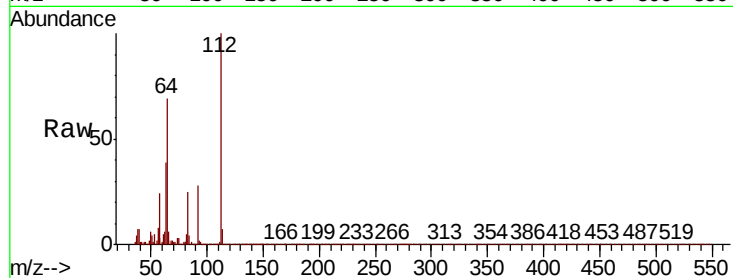
Tot Ion:112 Resp: 915364

Ion Ratio Lower Upper

112 100

64 69.3 52.8 79.2

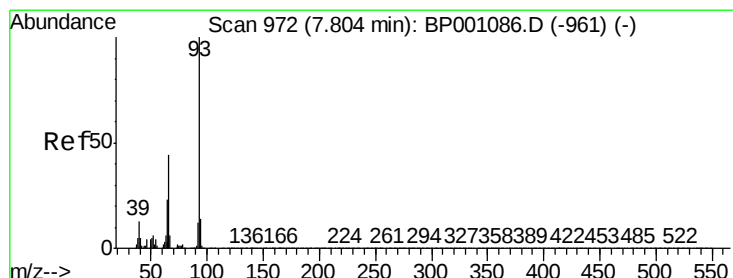
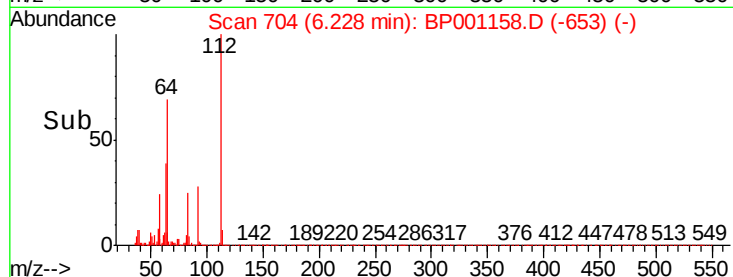
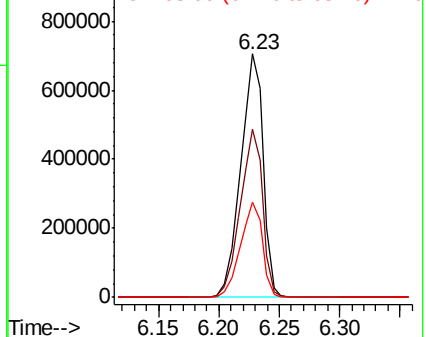
63 39.1 28.2 42.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 29.745 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BP001158.D

Acq: 03 Dec 2019 16:41

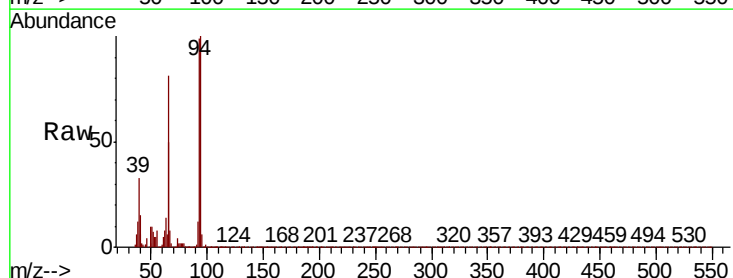
Tgt Ion: 93 Resp: 360305

Ion Ratio Lower Upper

93 100

66 81.7 34.9 52.3#

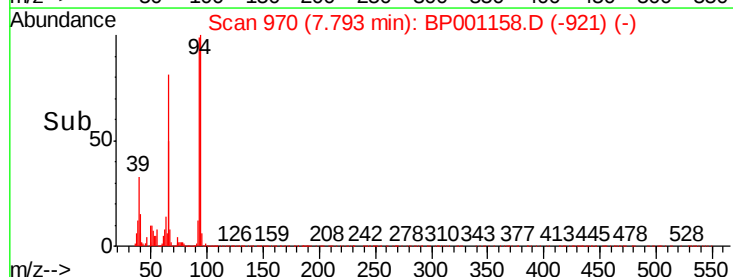
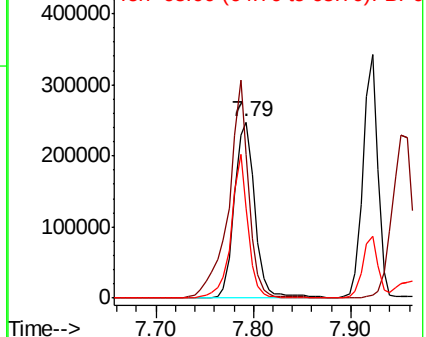
65 51.0 18.5 27.7#

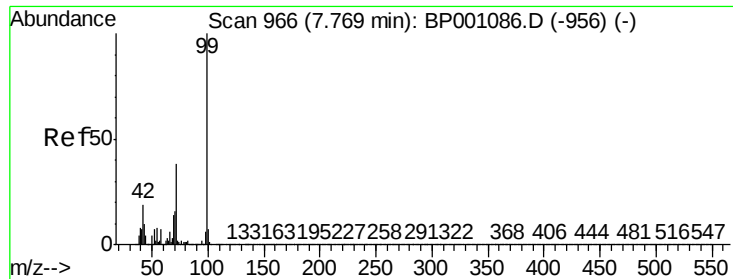


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 132.722 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BP001158.D

Acq: 03 Dec 2019 16:41

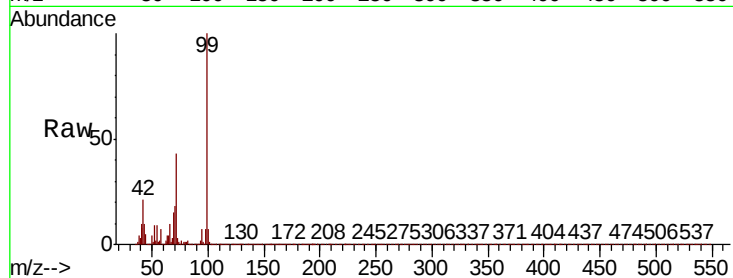
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1212534

Ion	Ratio	Lower	Upper
99	100		
42	21.2	15.4	23.0
71	43.0	30.8	46.2

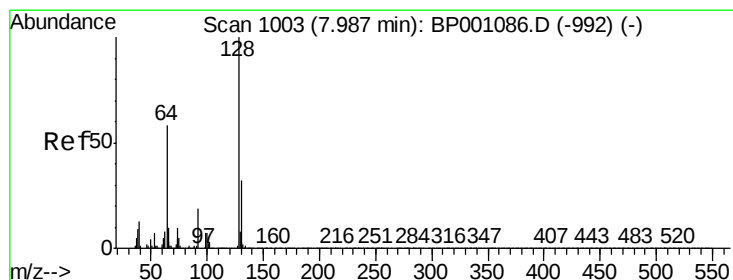
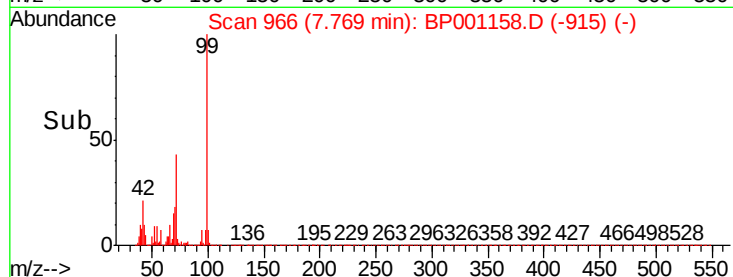
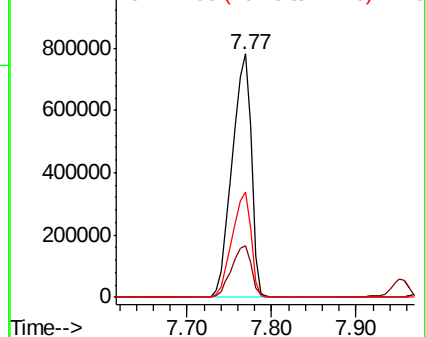


Abundance

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: 47.221 ng

RT: 7.98 min Scan# 1002

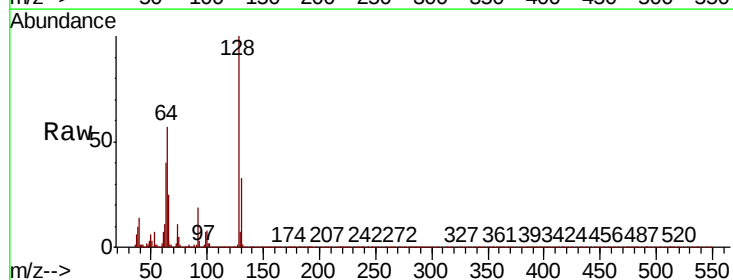
Delta R.T. -0.01 min

Lab File: BP001158.D

Acq: 03 Dec 2019 16:41

Tgt Ion: 128 Resp: 335037

Ion	Ratio	Lower	Upper
128	100		
130	33.1	11.7	51.7
64	57.1	39.7	79.7

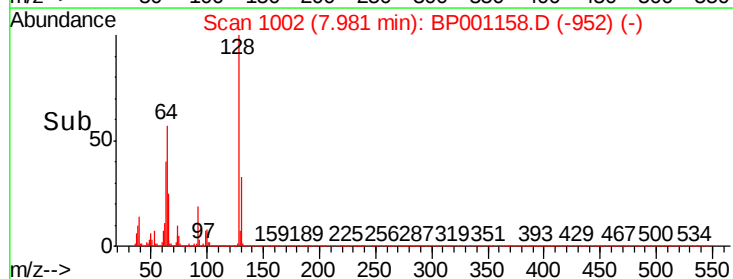
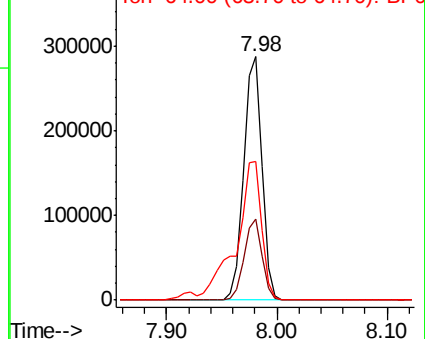


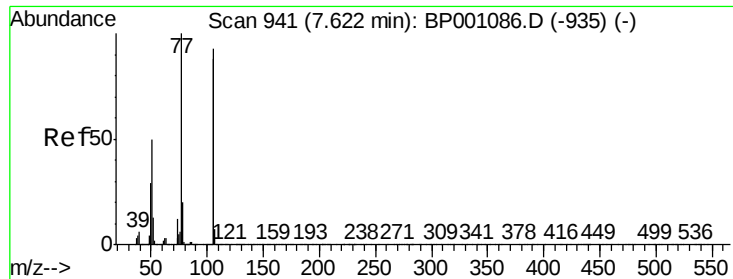
Abundance

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: 28.207 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

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ClientSampleId :

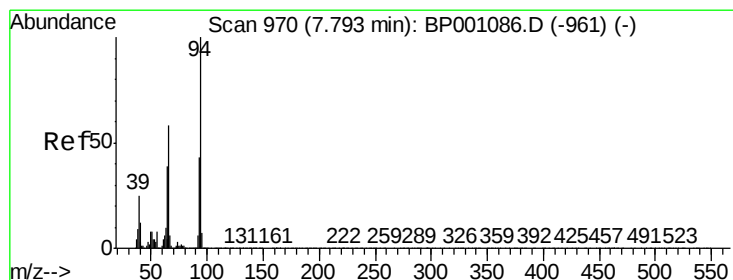
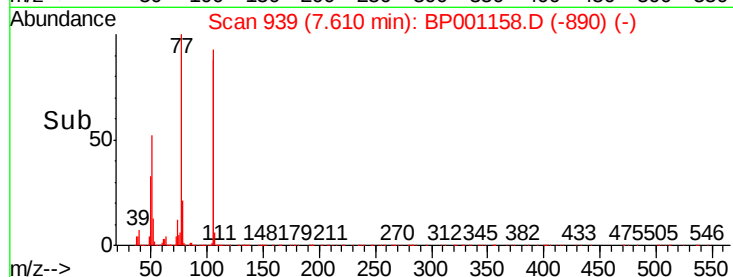
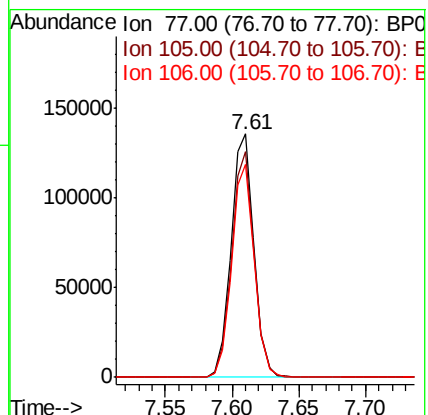
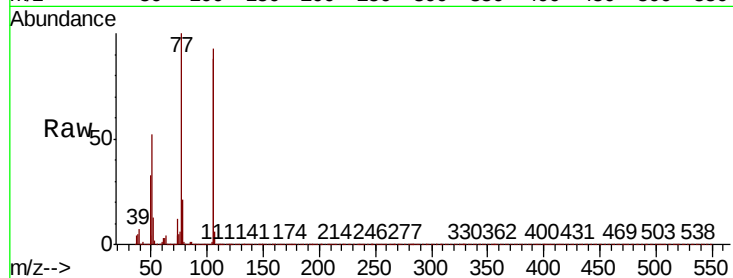
Tot Ion: 77 Resp: 162386

Ion Ratio Lower Upper

77 100

105 92.6 72.5 112.5

106 87.6 67.6 107.6



#10

Phenol

Concen: 46.470 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BP001158.D

Acq: 03 Dec 2019 16:41

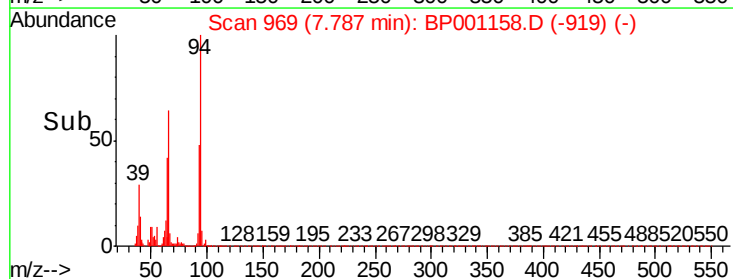
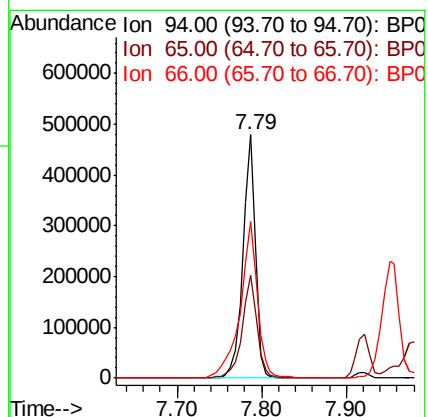
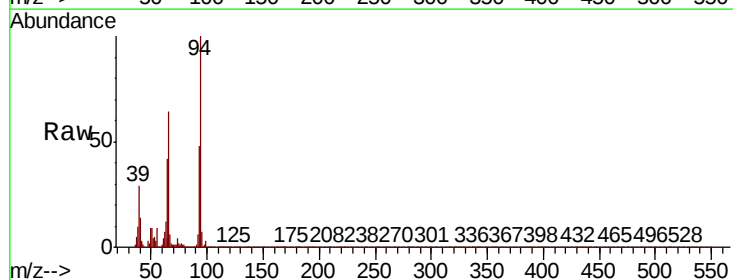
Tgt Ion: 94 Resp: 482911

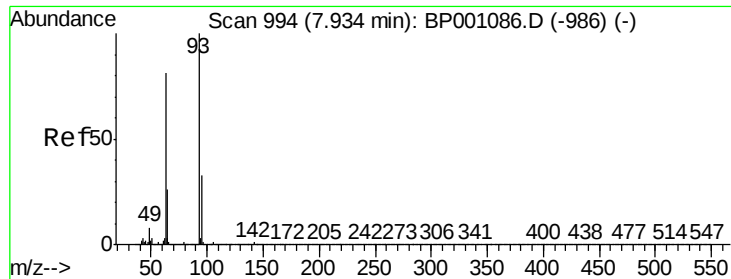
Ion Ratio Lower Upper

94 100

65 42.1 18.6 58.6

66 64.1 37.6 77.6

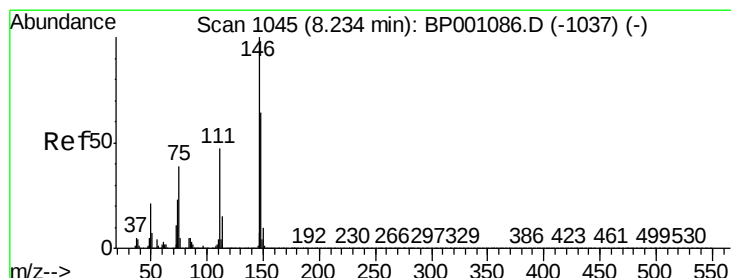
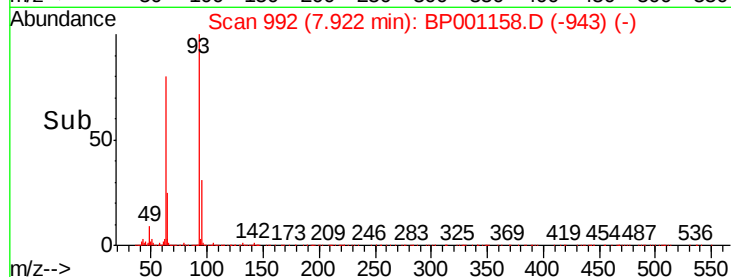
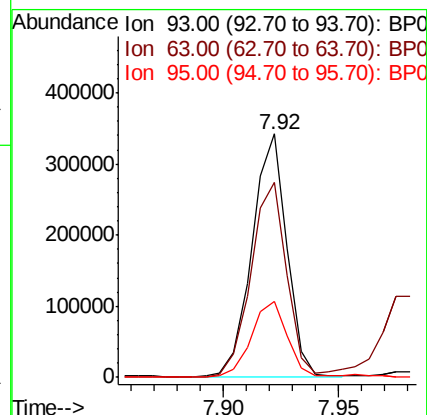
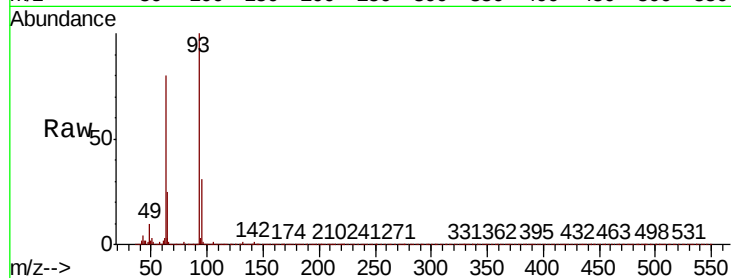




#11
bis(2-Chloroethyl)ether
Concen: 44.195 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

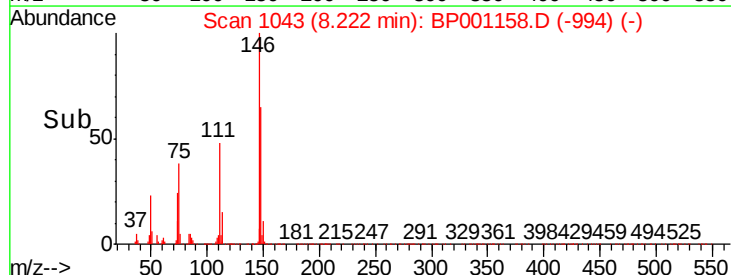
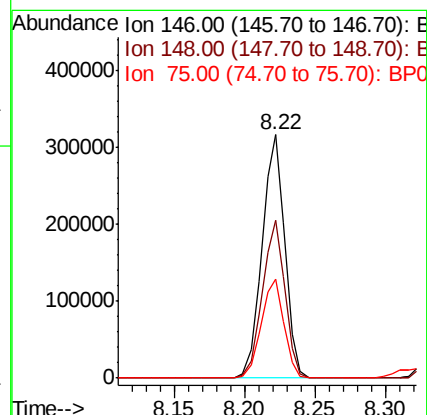
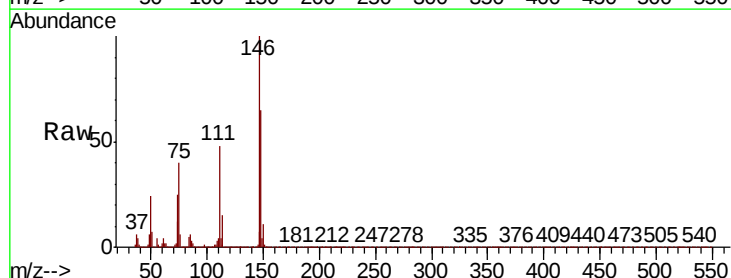
Instrument :
BNA_P
ClientSampleId :

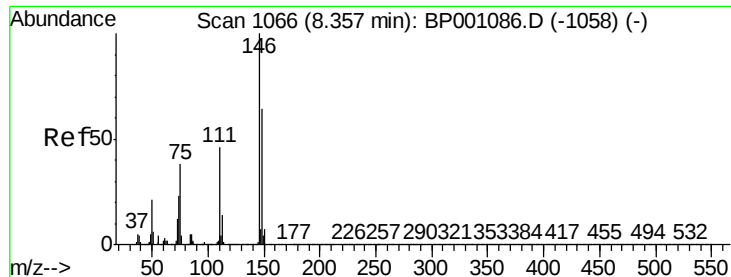
Tot Ion	Ratio	Lower	Upper
93	100		
63	80.0	60.7	100.7
95	31.4	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 42.646 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.1	76.7
75	40.5	31.3	46.9

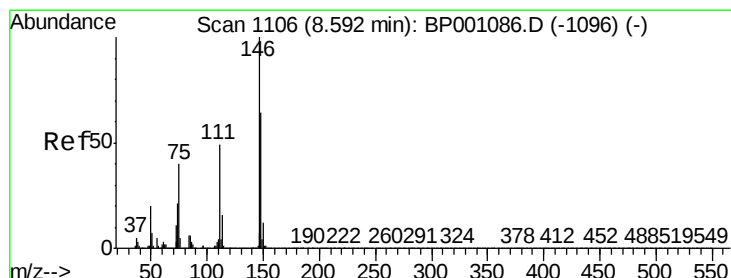
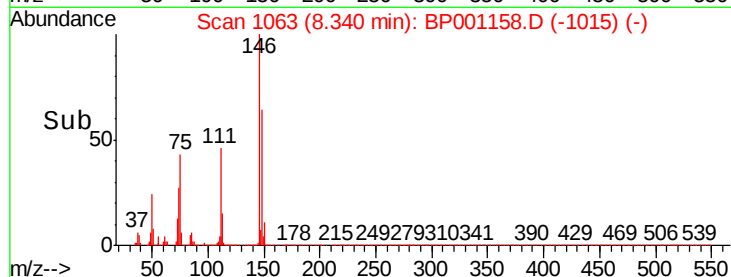
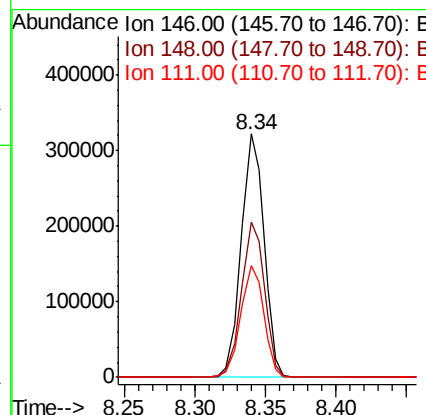
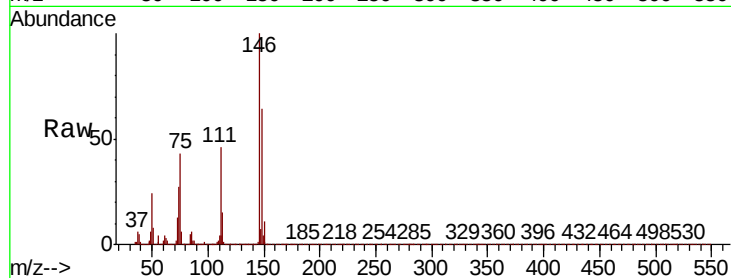




#13
1,4-Dichlorobenzene
Concen: 42.917 ng
RT: 8.34 min Scan# 1063
Delta R.T. -0.02 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

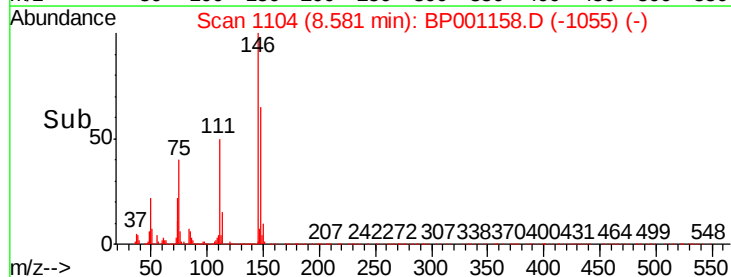
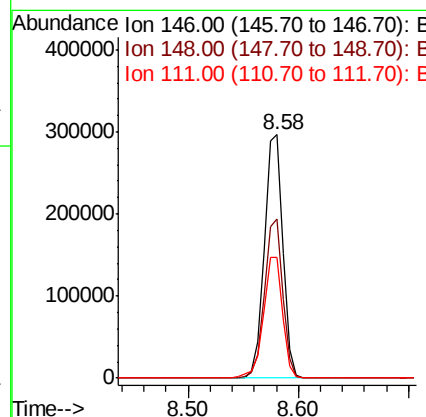
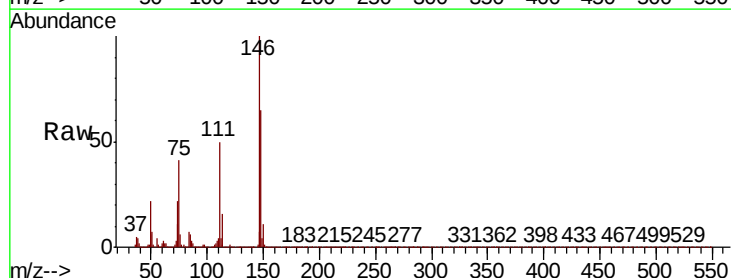
Instrument :
BNA_P
ClientSampleId :

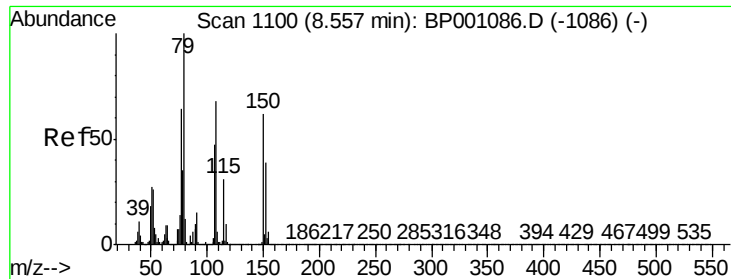
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.6	77.4
111	46.1	37.0	55.6



#14
1,2-Dichlorobenzene
Concen: 43.704 ng
RT: 8.58 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.5	77.3
111	49.5	39.3	58.9

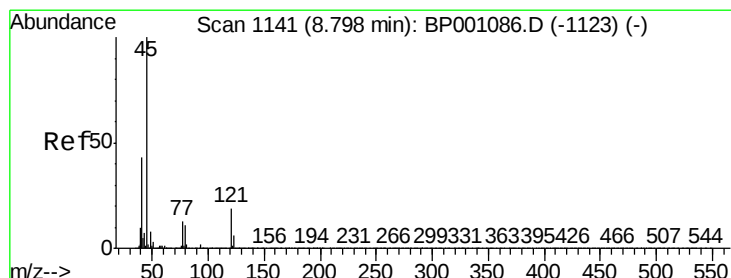
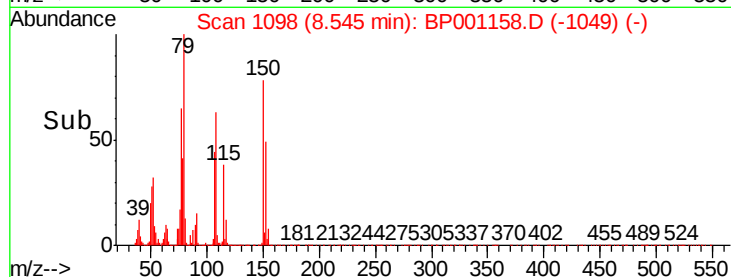
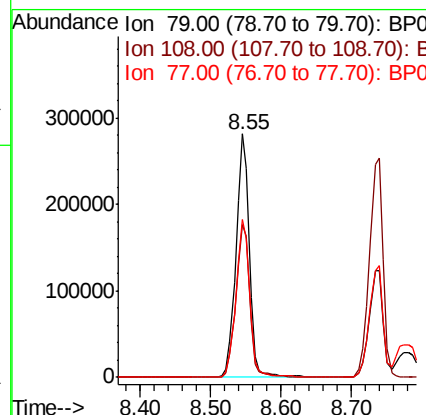
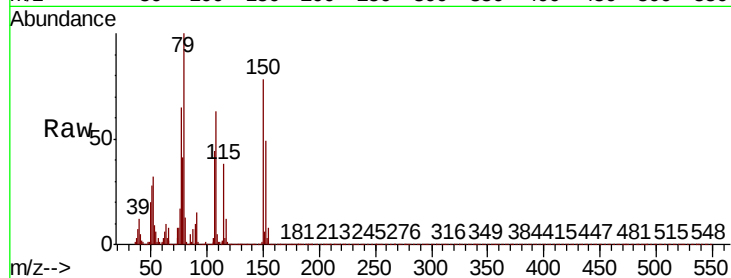




#15
Benzyl Alcohol
Concen: 49.314 ng
RT: 8.55 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

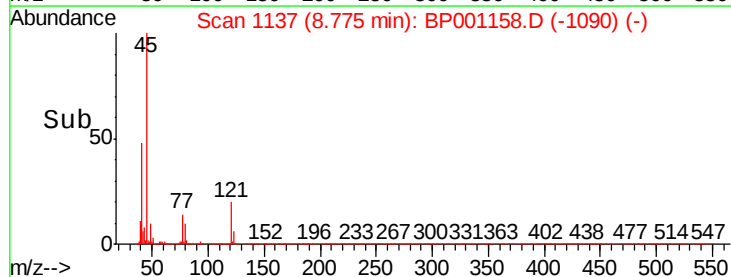
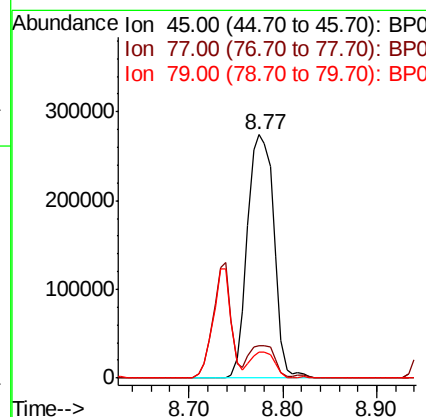
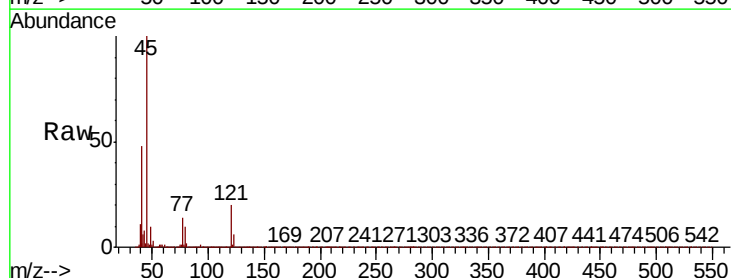
Instrument :
BNA_P
ClientSampleId :

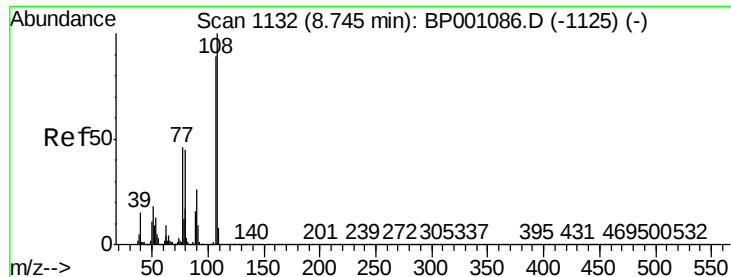
Tot Ion	Ratio	Lower	Upper
79	100		
108	62.8	54.8	82.2
77	64.7	51.4	77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.167 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.02 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.5	0.0	33.3
79	10.4	0.0	30.9

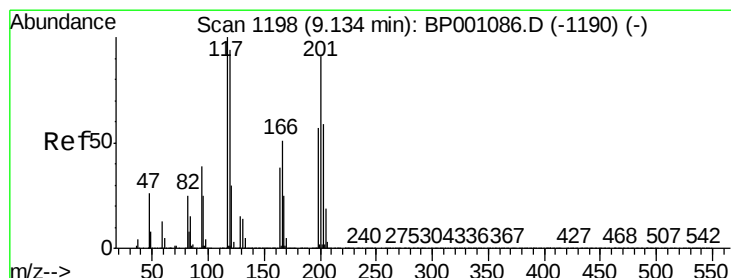
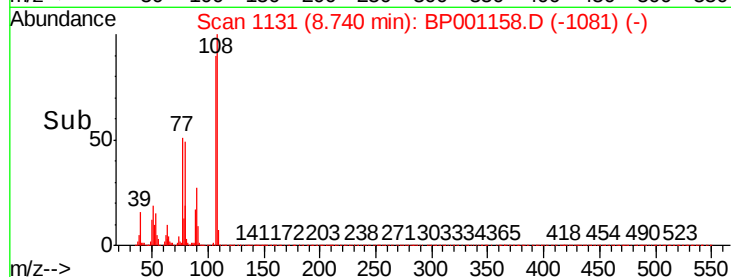
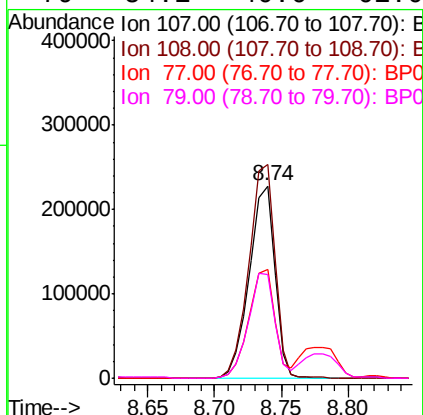
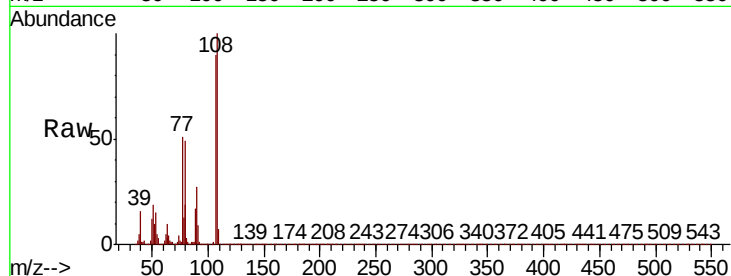




#17
2-Methylphenol
Concen: 46.105 ng
RT: 8.74 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

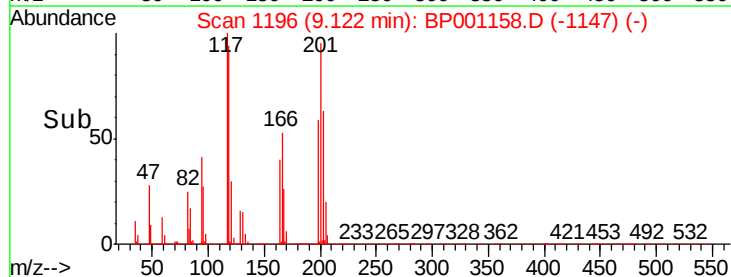
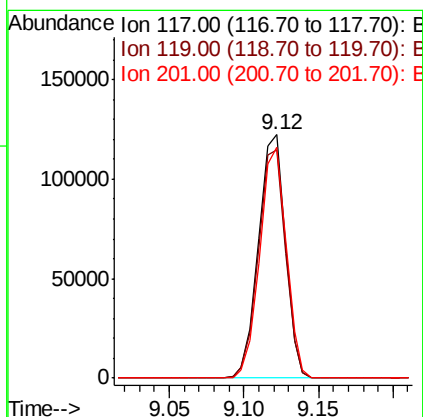
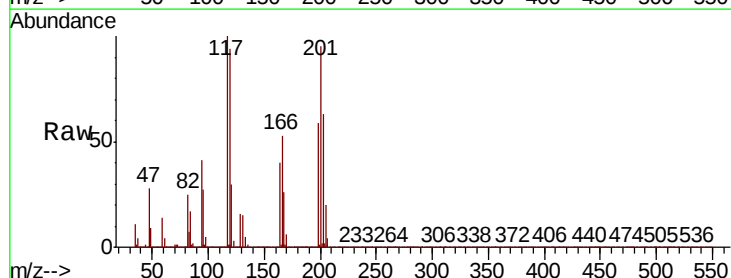
Instrument :
BNA_P
ClientSampleId :

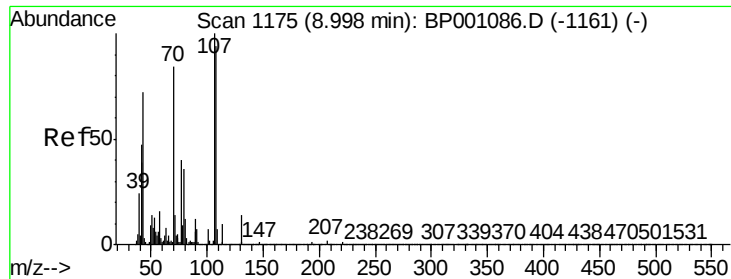
Tot Ion:	107	Resp:	300067
Ion	Ratio	Lower	Upper
107	100		
108	111.2	89.8	134.6
77	56.9	41.4	62.2
79	54.1	40.6	61.0



#18
Hexachloroethane
Concen: 43.101 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

Tgt Ion:	117	Resp:	151045
Ion	Ratio	Lower	Upper
117	100		
119	93.6	75.2	112.8
201	94.8	72.5	108.7

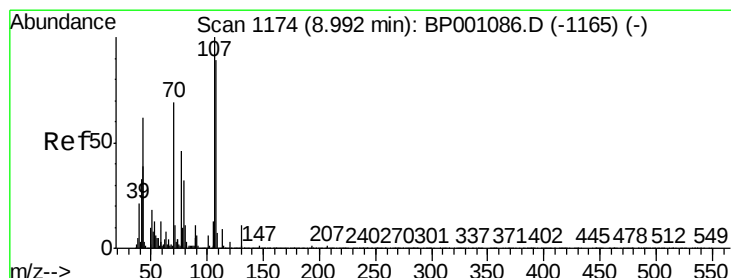
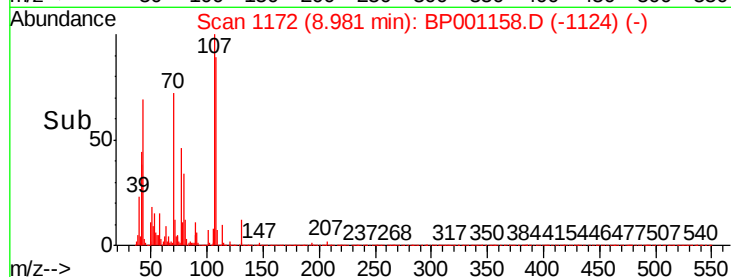
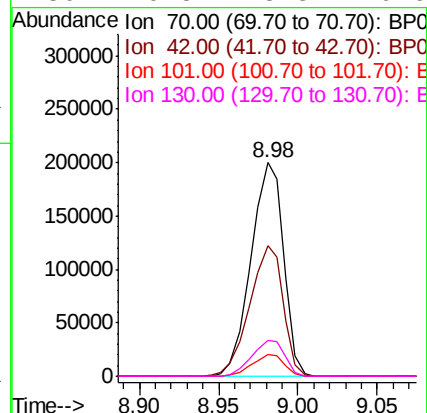
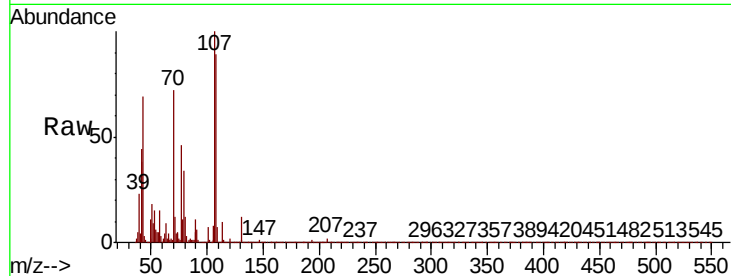




#19
n-Nitroso-di-n-propylamine
Concen: 43.300 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

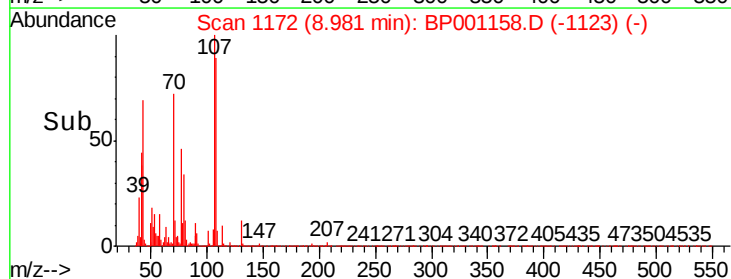
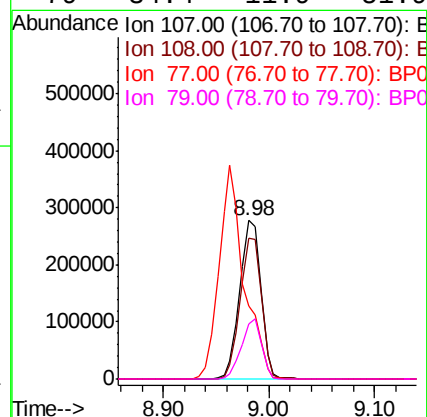
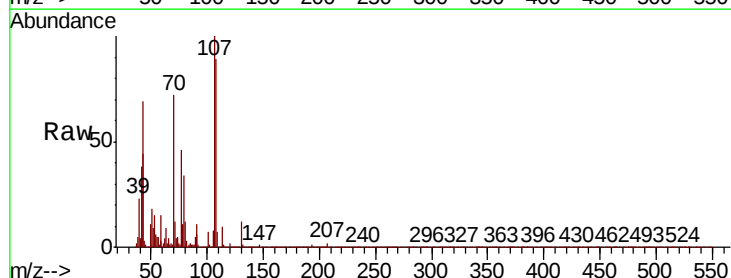
Instrument :
BNA_P
ClientSampleId :

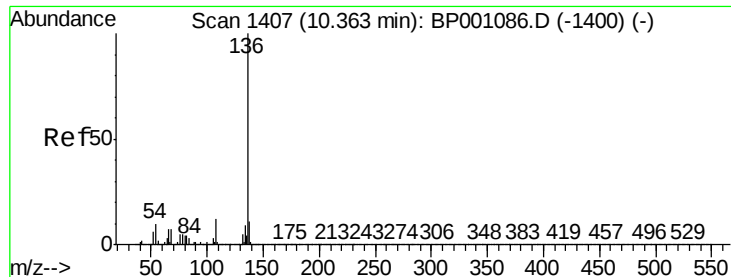
Tot Ion:	70	Resp:	285445
Ion	Ratio	Lower	Upper
70	100		
42	61.0	44.6	66.8
101	10.1	7.1	10.7
130	16.8	13.8	20.6



#20
3+4-Methylphenols
Concen: 46.756 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

Tgt Ion:	107	Resp:	383593
Ion	Ratio	Lower	Upper
107	100		
108	88.7	68.9	108.9
77	46.2	25.9	65.9
79	34.4	11.9	51.9

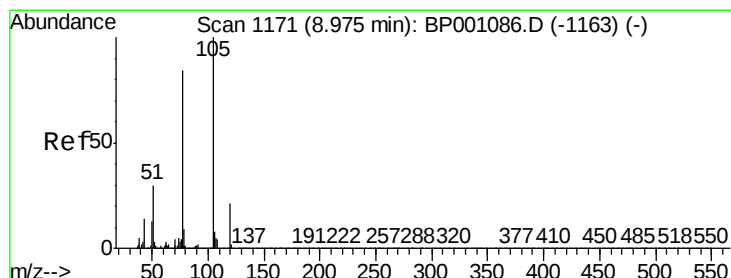
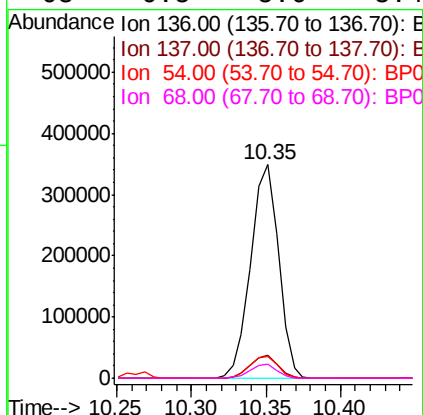
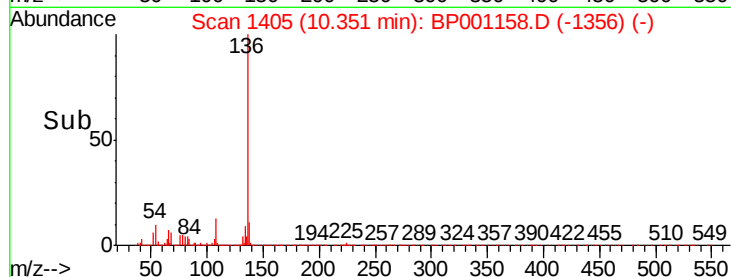
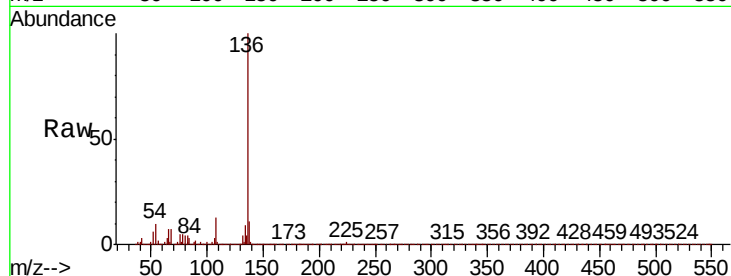




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

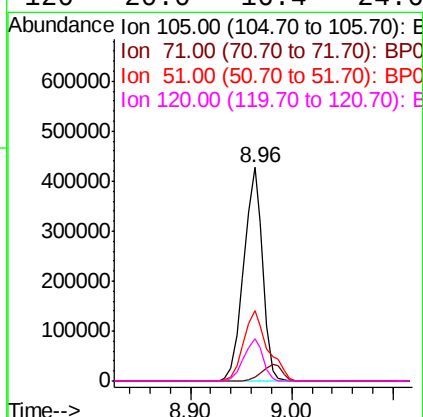
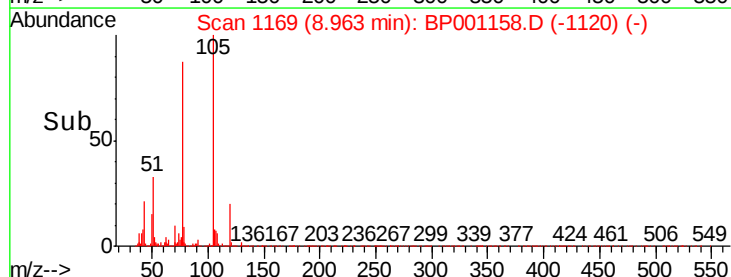
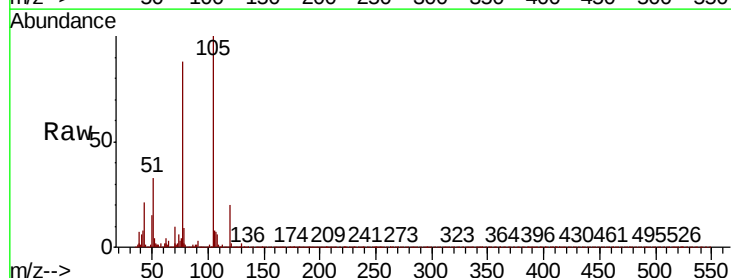
Instrument :
BNA_P
ClientSampled :

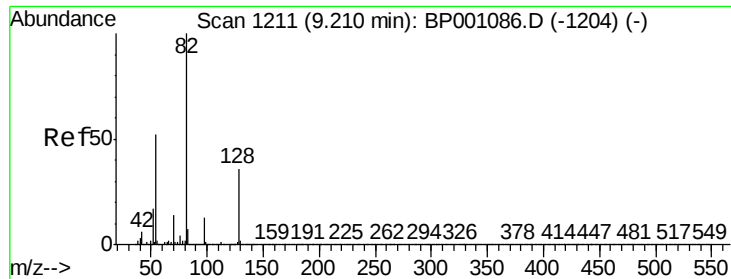
Tot Ion:136	Resp:	450587
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.8 13.2
54	10.5	7.9 11.9
68	6.5	5.6 8.4



#22
Acetophenone
Concen: 41.328 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

Tgt Ion:105	Resp:	547326
Ion	Ratio	Lower Upper
105	100	
71	1.7	0.5 0.7#
51	32.9	24.2 36.4
120	20.0	16.4 24.6

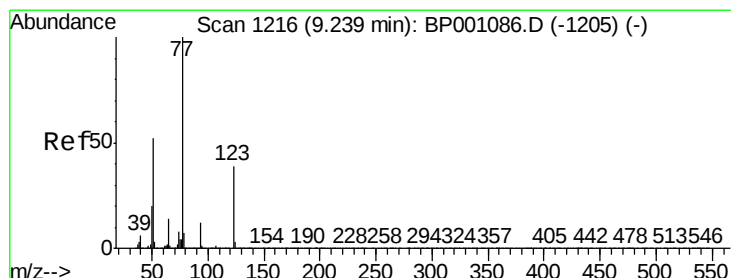
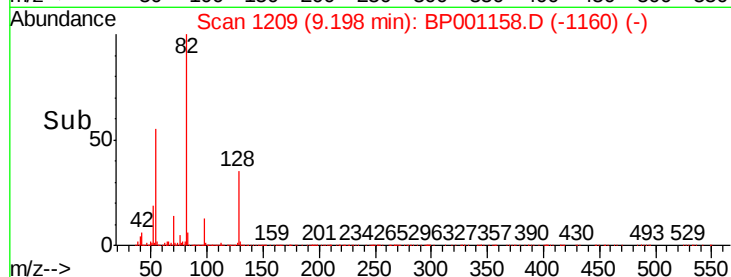
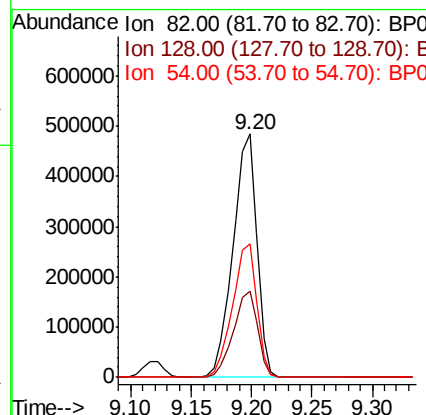
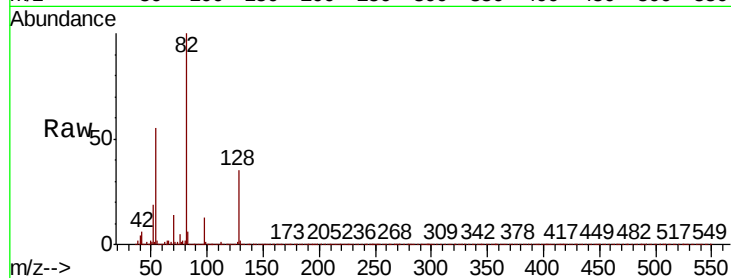




#23
Nitrobenzene-d5
Concen: 64.369 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

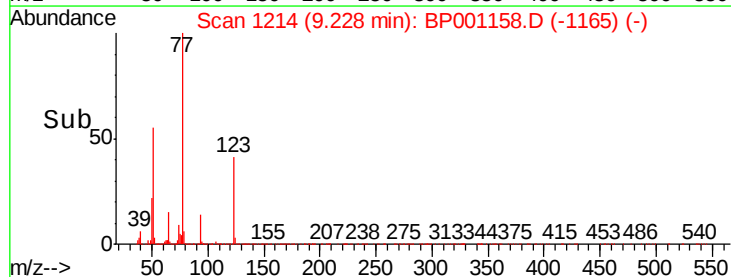
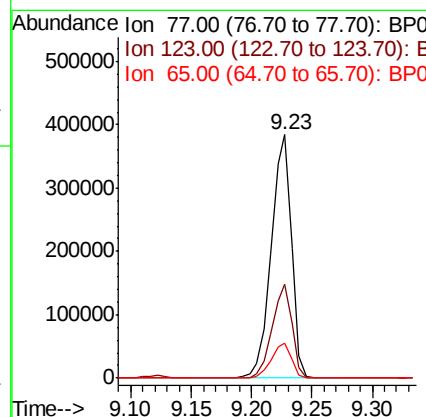
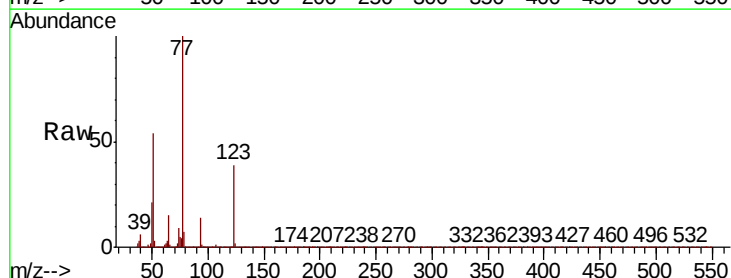
Instrument :
BNA_P
ClientSampleId :

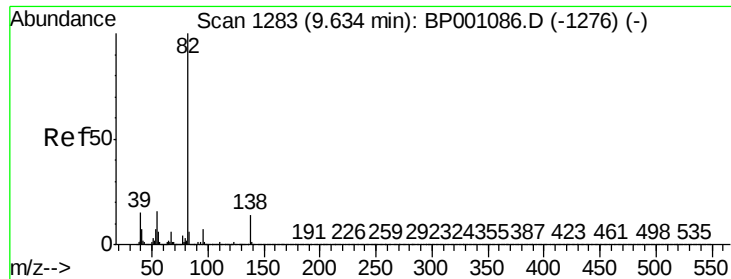
Tot Ion	82	Resp	668507
Ion Ratio	Lower	Upper	
82	100		
128	35.3	28.9	43.3
54	54.7	41.9	62.9



#24
Nitrobenzene
Concen: 43.383 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

Tgt Ion	77	Resp	448030
Ion Ratio	Lower	Upper	
77	100		
123	38.6	31.0	46.4
65	14.6	11.0	16.6





#25

Isophorone

Concen: 41.859 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BP001158.D

Acq: 03 Dec 2019 16:41

Instrument :

BNA_P

ClientSampleId :

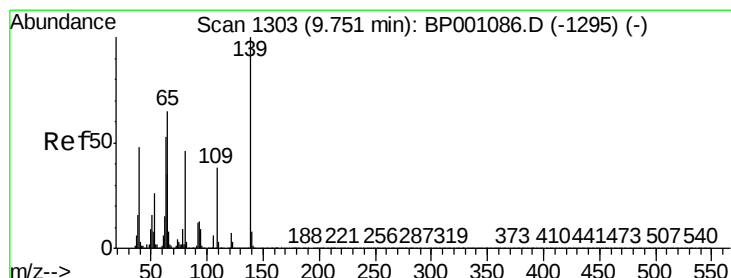
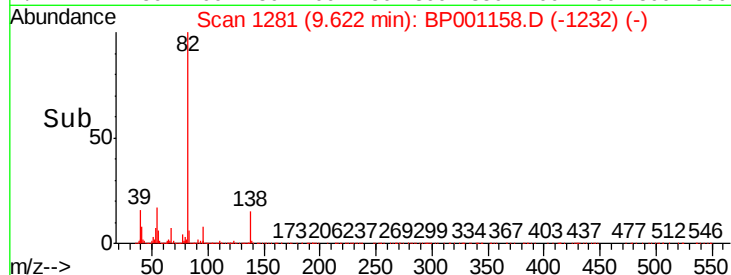
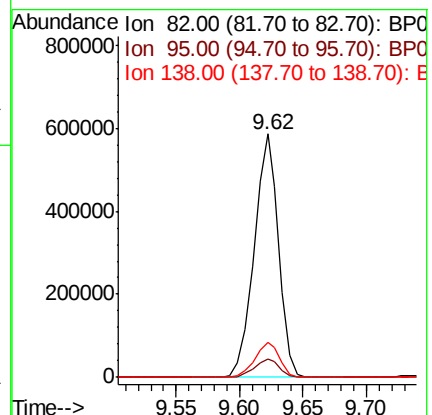
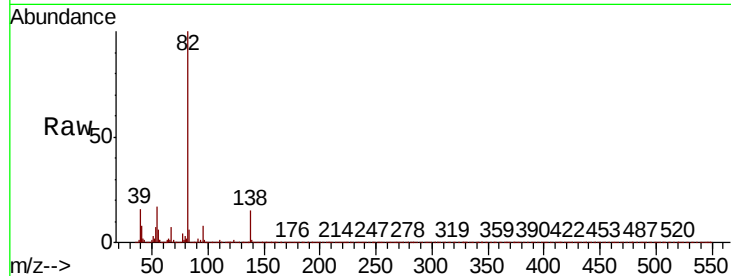
Tot Ion: 82 Resp: 779564

Ion Ratio Lower Upper

82 100

95 7.7 5.7 8.5

138 14.5 11.3 16.9



#26

2-Nitrophenol

Concen: 45.114 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BP001158.D

Acq: 03 Dec 2019 16:41

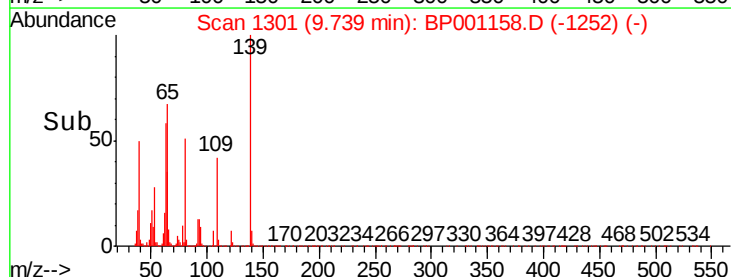
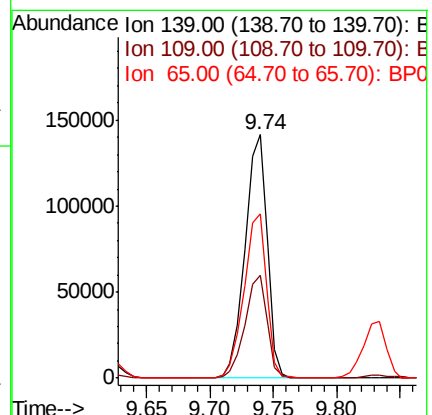
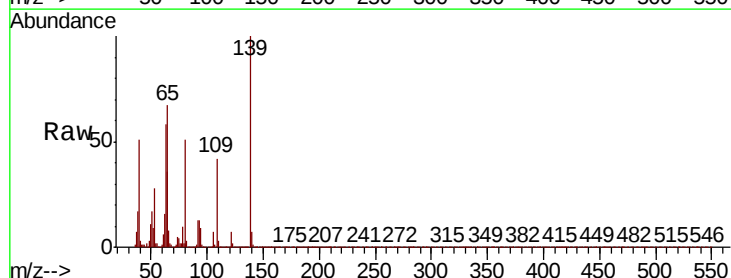
Tgt Ion: 139 Resp: 170653

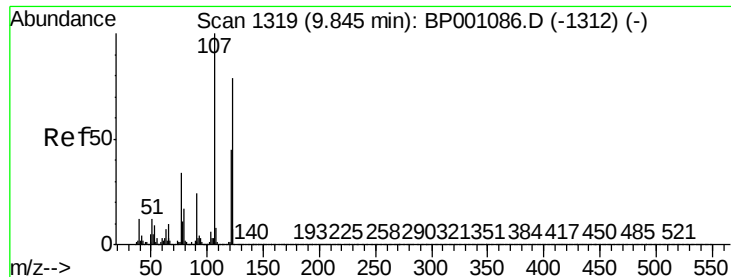
Ion Ratio Lower Upper

139 100

109 42.0 30.6 45.8

65 67.4 51.8 77.8





#27

2,4-Dimethylphenol

Concen: 49.842 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BP001158.D

Acq: 03 Dec 2019 16:41

Instrument :

BNA_P

ClientSampleId :

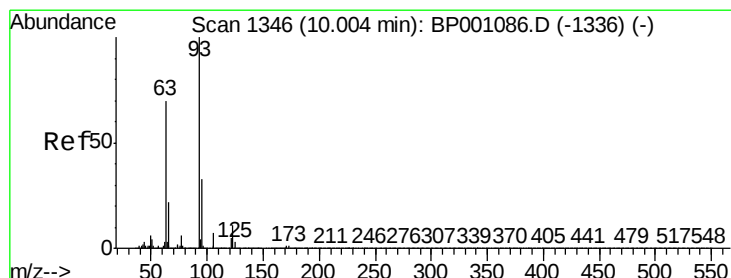
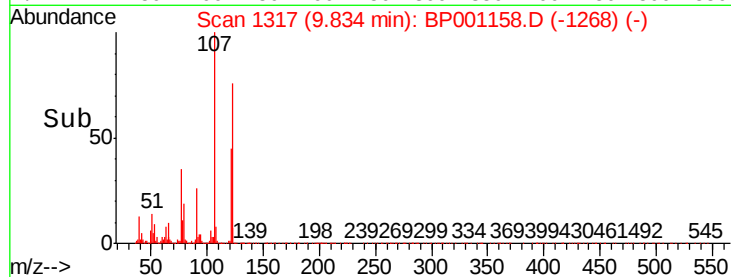
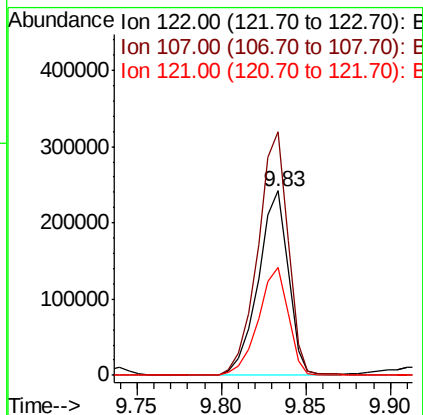
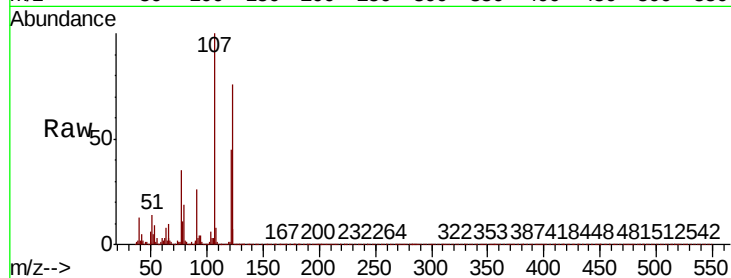
Tot Ion:122 Resp: 298644

Ion Ratio Lower Upper

122 100

107 132.0 101.9 152.9

121 58.8 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 38.188 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.02 min

Lab File: BP001158.D

Acq: 03 Dec 2019 16:41

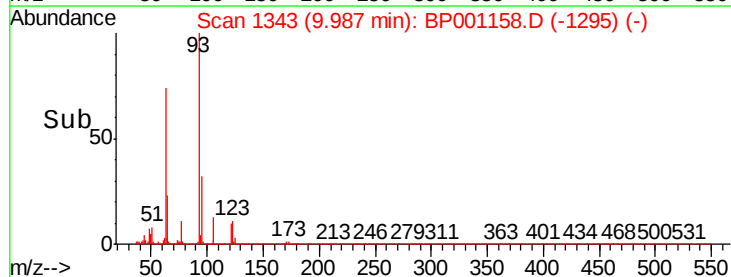
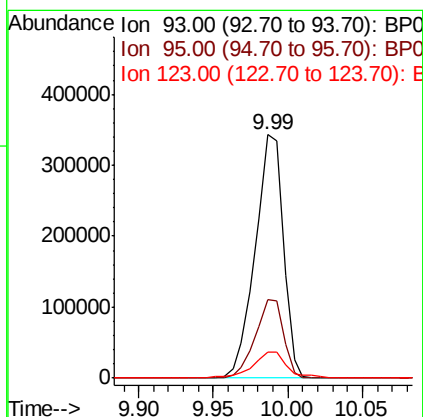
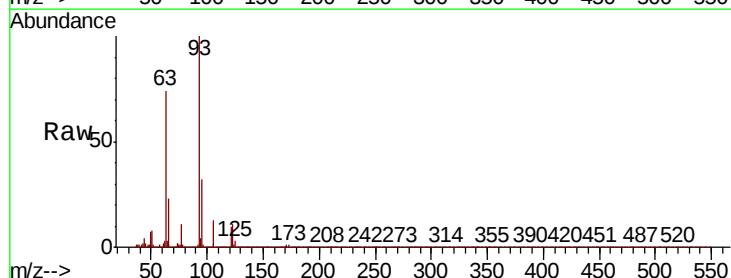
Tgt Ion: 93 Resp: 446211

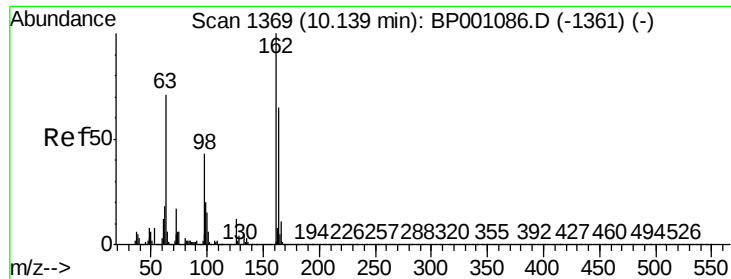
Ion Ratio Lower Upper

93 100

95 32.1 26.0 39.0

123 10.7 8.9 13.3

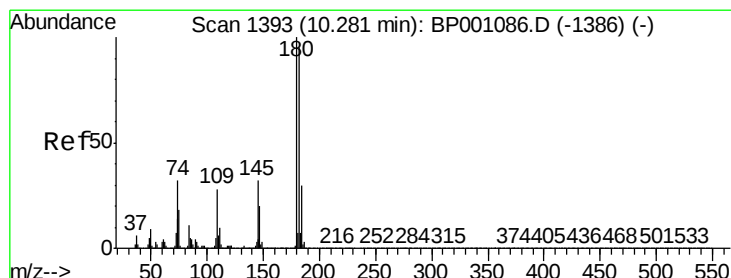
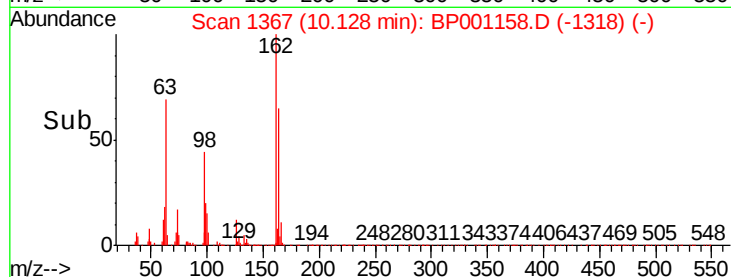
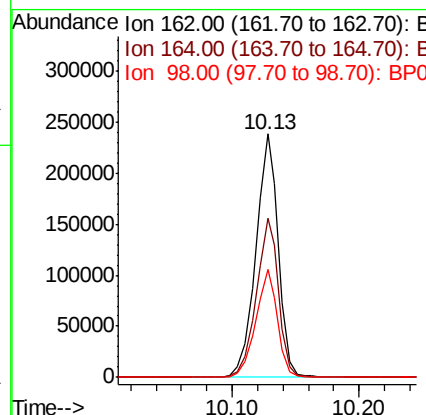
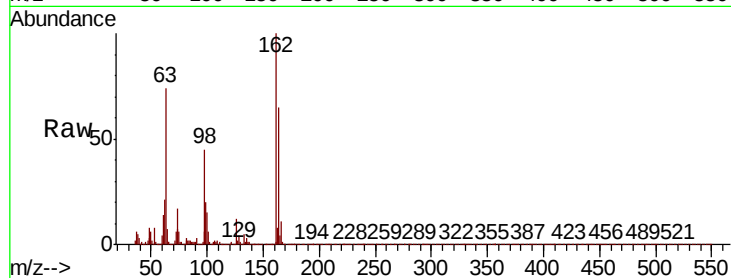




#29
2,4-Dichlorophenol
Concen: 43.081 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

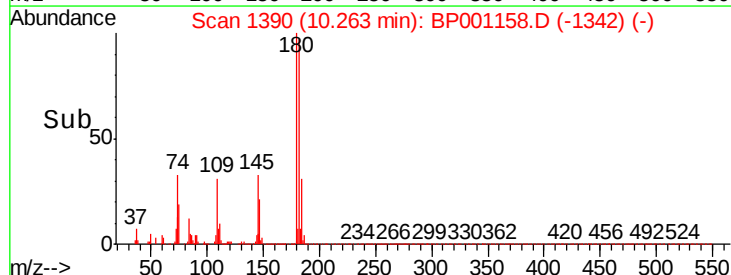
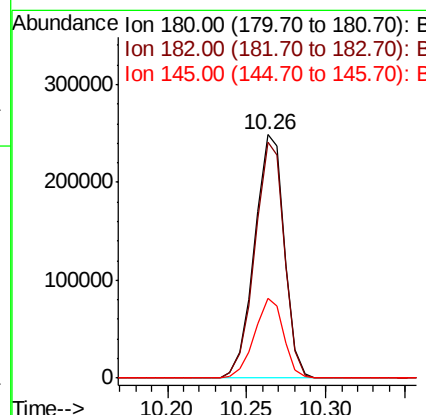
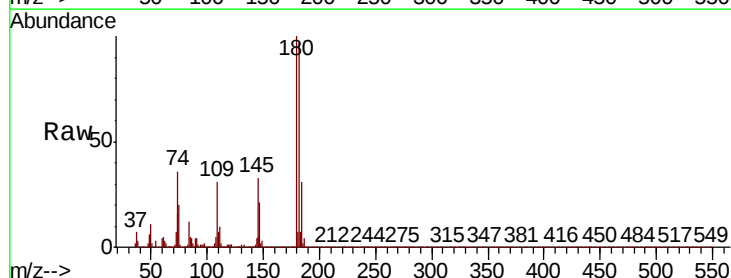
Instrument :
BNA_P
ClientSampleId :

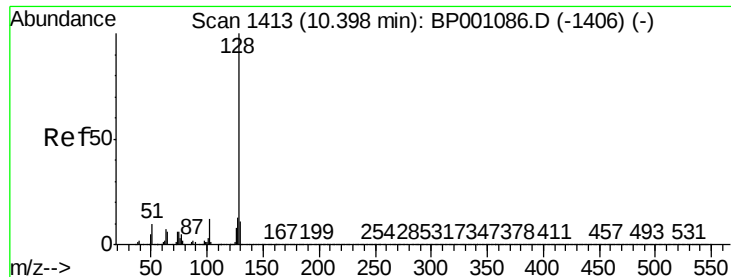
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	45.1	85.1
98	44.6	23.4	63.4



#30
1,2,4-Trichlorobenzene
Concen: 40.627 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.3	114.5
145	33.0	25.4	38.2

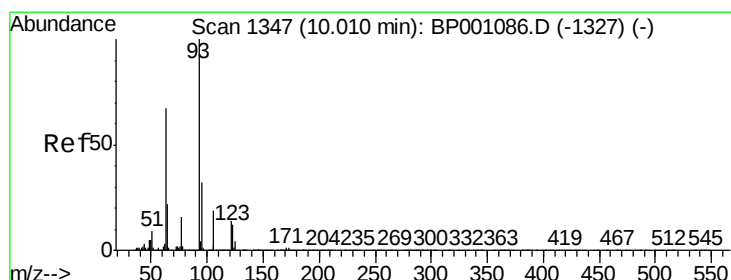
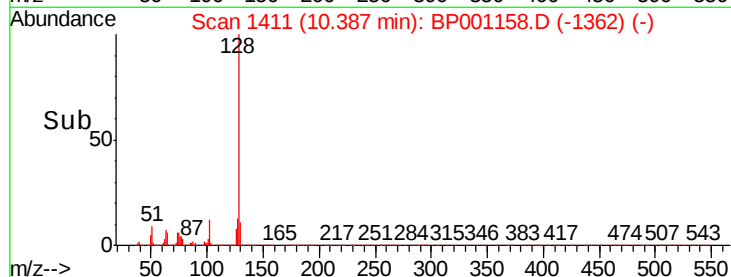
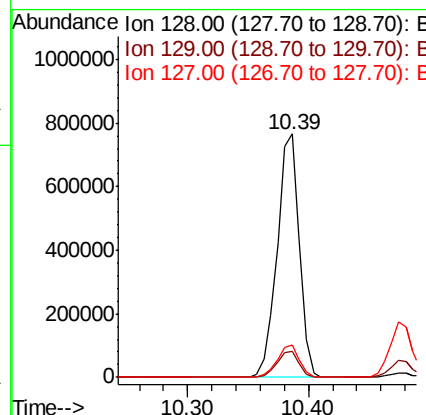
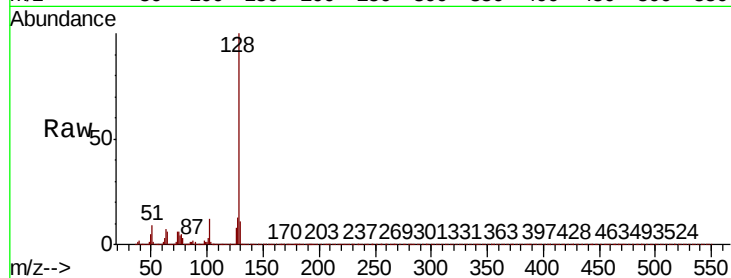




#31
Naphthalene
Concen: 42.437 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

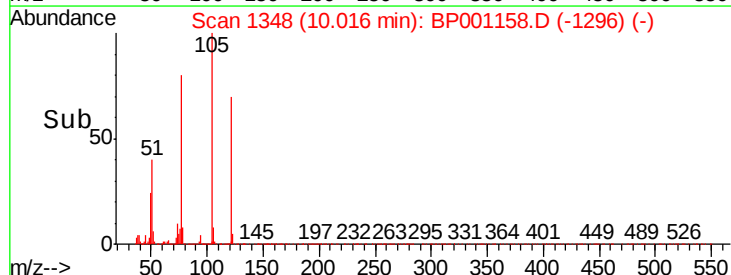
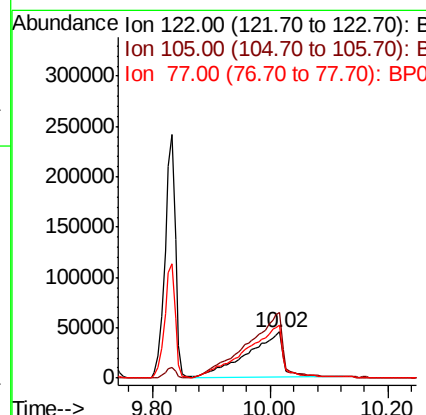
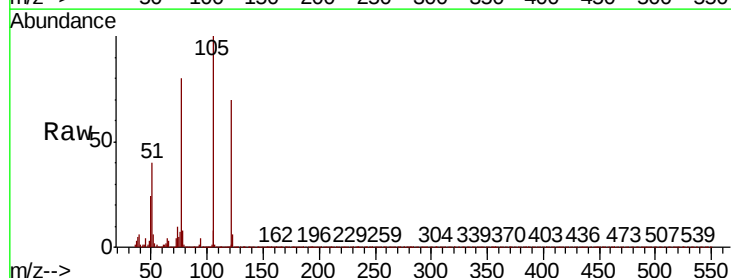
Instrument :
BNA_P
ClientSampleId :

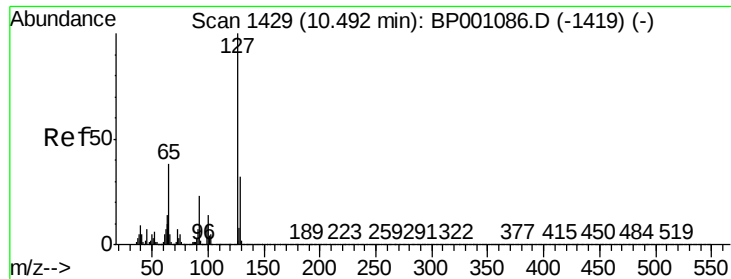
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.8	13.2
127	13.5	10.6	16.0



#32
Benzoic acid
Concen: 44.749 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

Tgt Ion	Ratio	Lower	Upper
122	100		
105	143.4	116.8	156.8
77	115.2	95.0	135.0

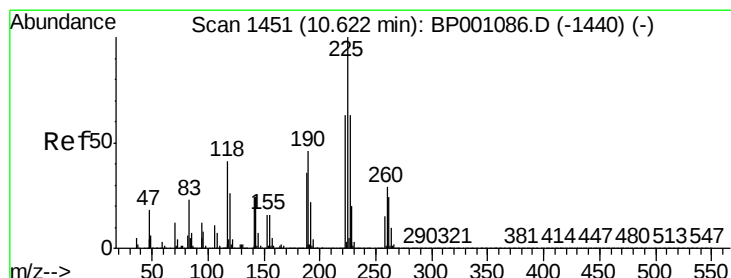
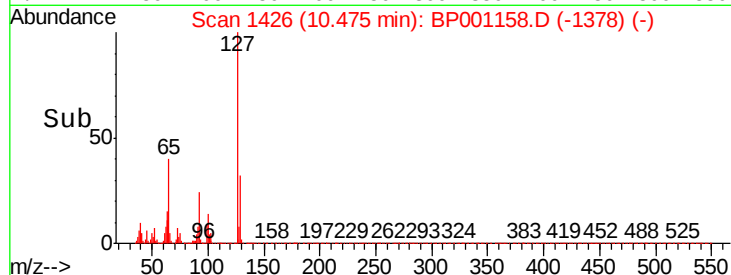
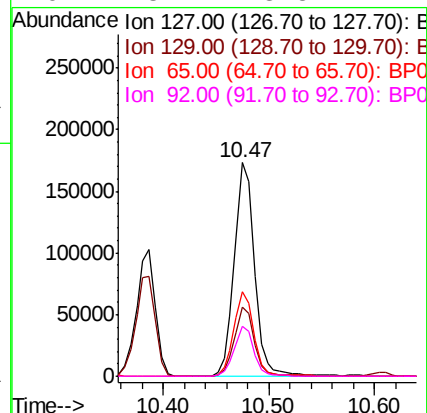
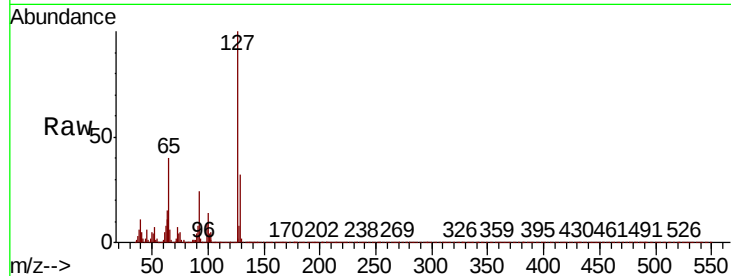




#33
4-Chloroaniline
Concen: 22.992 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.02 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

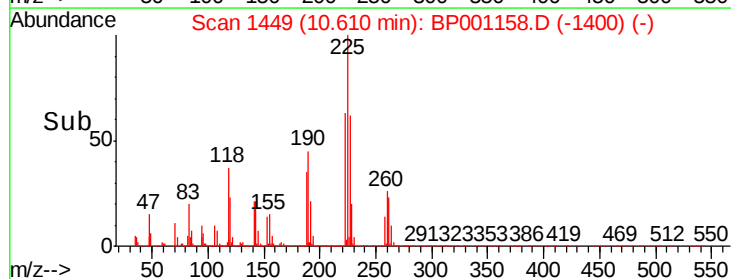
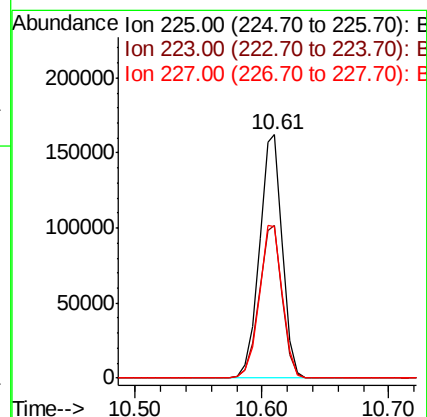
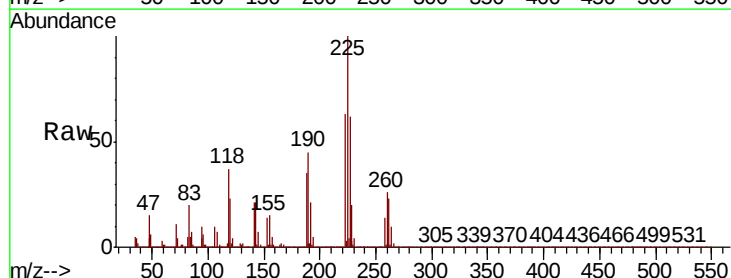
Instrument :
BNA_P
ClientSampleId :

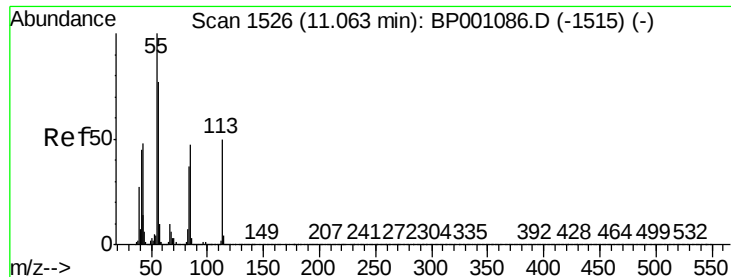
Tot Ion:	127	Resp:	229604
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.5	38.3
65	39.7	30.6	46.0
92	23.7	18.5	27.7



#34
Hexachlorobutadiene
Concen: 40.670 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

Tgt Ion:	225	Resp:	203782
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.0	75.0
227	62.3	50.0	75.0

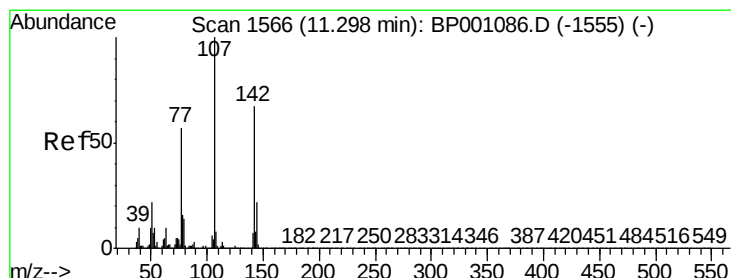
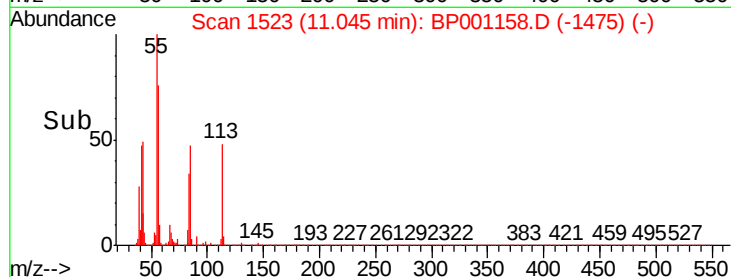
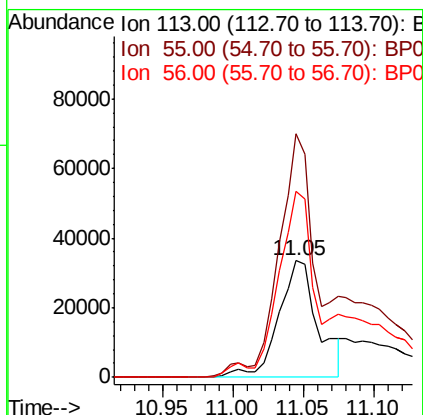
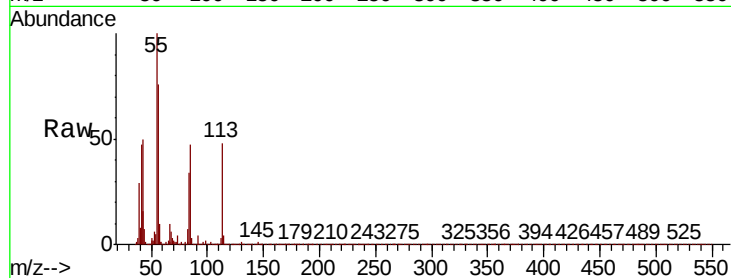




#35
Caprolactam
Concen: 27.596 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.02 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

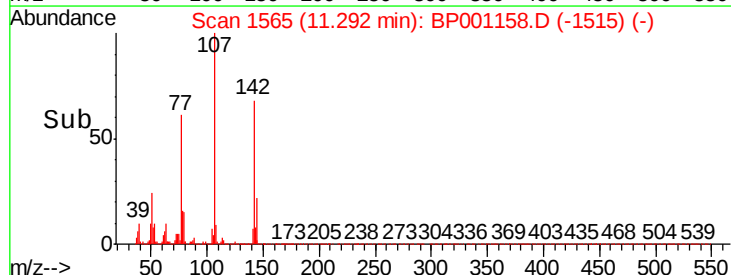
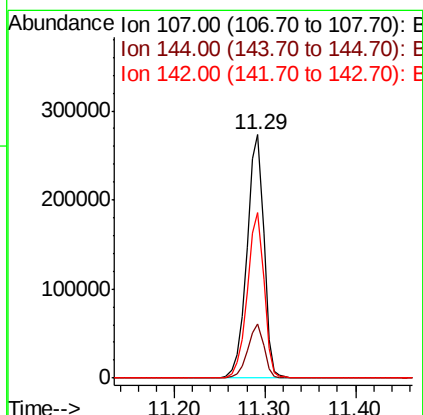
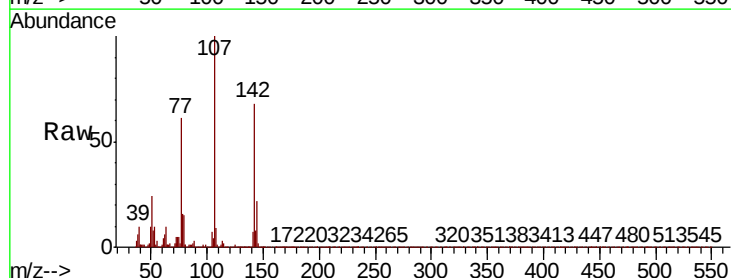
Instrument :
BNA_P
ClientSampleId :

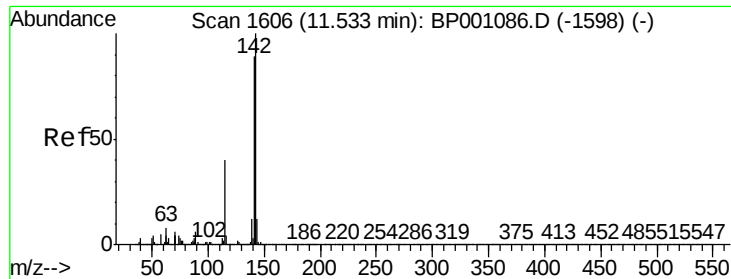
Tot Ion:113 Resp: 64861
Ion Ratio Lower Upper
113 100
55 208.4 181.2 221.2
56 159.2 134.7 174.7



#36
4-Chloro-3-methylphenol
Concen: 43.564 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

Tgt Ion:107 Resp: 352231
Ion Ratio Lower Upper
107 100
144 22.3 17.5 26.3
142 68.0 53.3 79.9

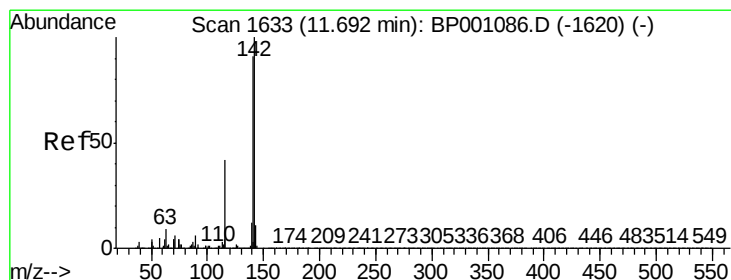
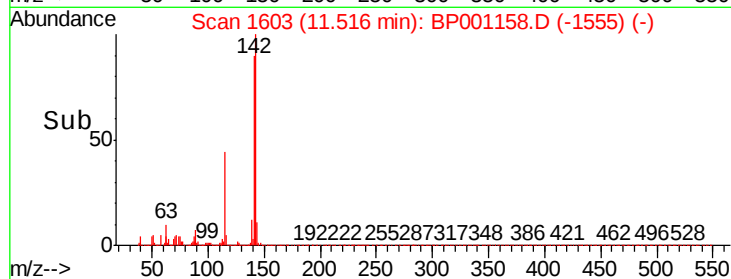
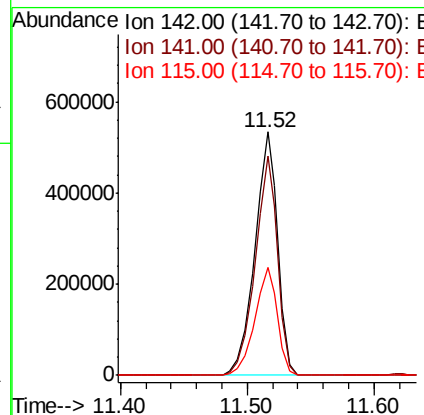
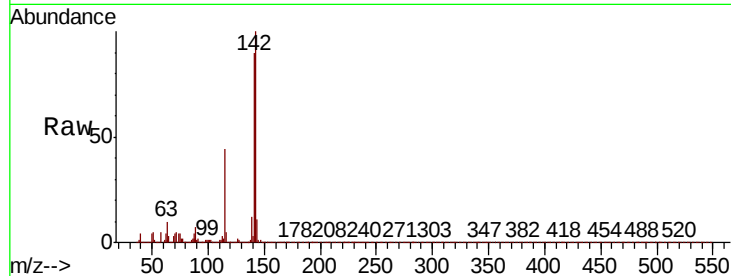




#37
2-Methylnaphthalene
Concen: 42.533 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.02 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

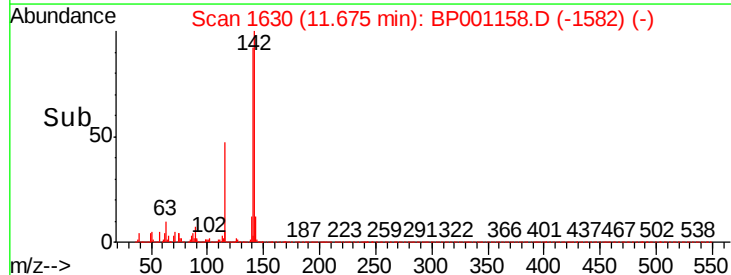
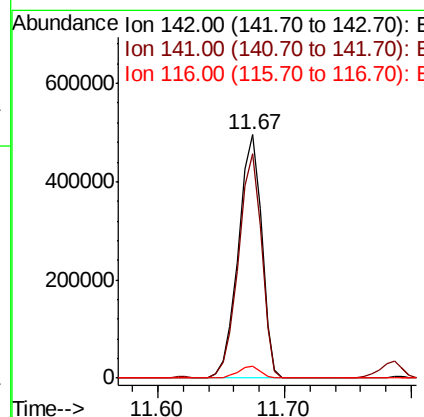
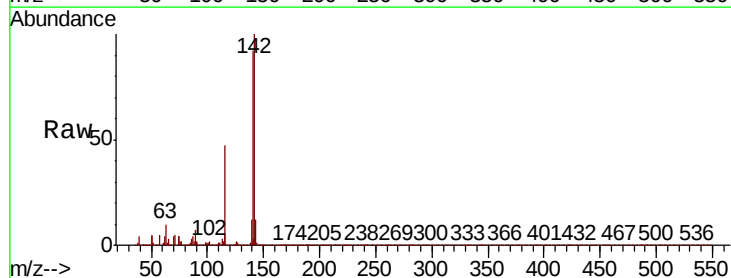
Instrument :
BNA_P
ClientSampleId :

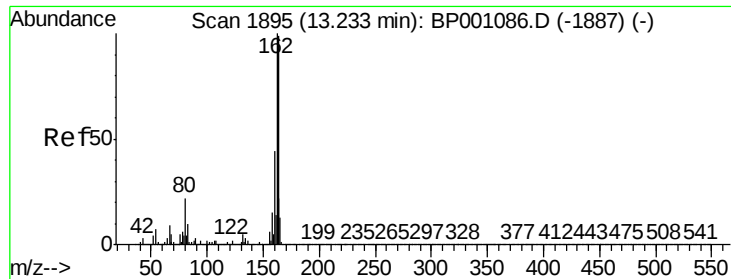
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.1	106.7
115	44.1	32.3	48.5



#38
1-Methylnaphthalene
Concen: 42.230 ng
RT: 11.67 min Scan# 1630
Delta R.T. -0.02 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.0	109.4
116	4.9	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.22 min Scan# 1892

Delta R.T. -0.02 min

Lab File: BP001158.D

Acq: 03 Dec 2019 16:41

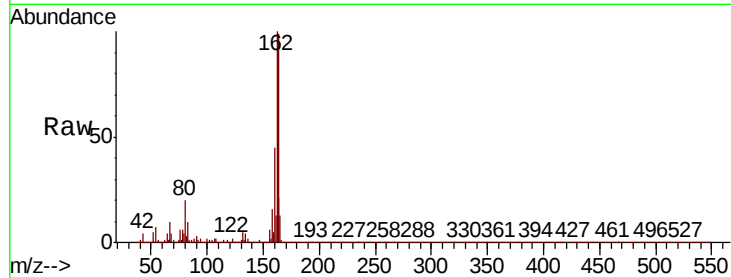
Instrument :

BNA_P

ClientSampleId :

Tot Ion:164 Resp: 256450

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.6	120.8
160	45.5	35.4	53.2

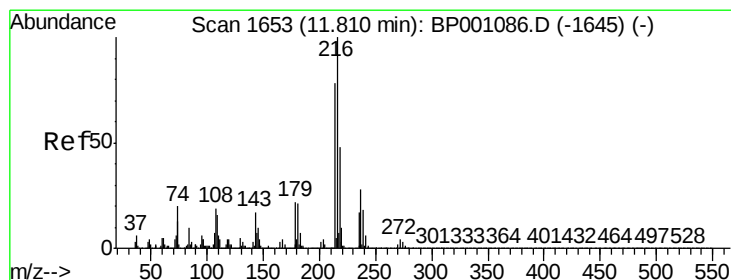
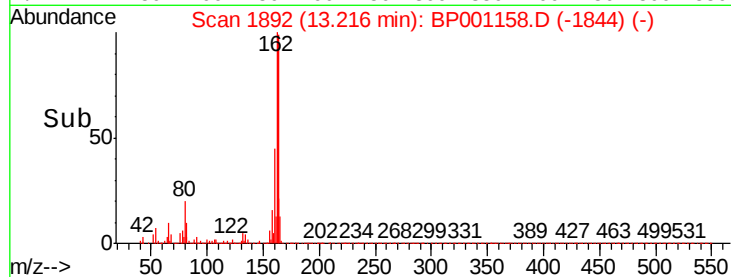
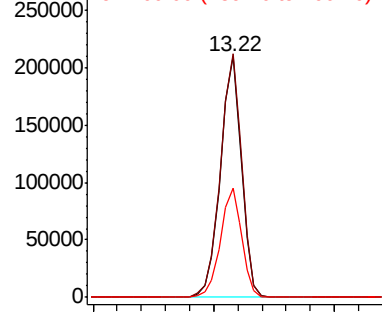


Abundance

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: 39.855 ng

RT: 11.79 min Scan# 1650

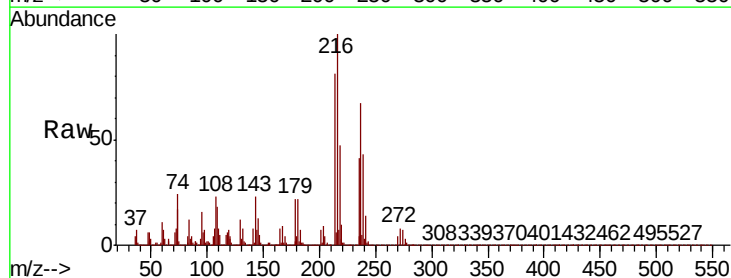
Delta R.T. -0.02 min

Lab File: BP001158.D

Acq: 03 Dec 2019 16:41

Tgt Ion:216 Resp: 322102

Ion	Ratio	Lower	Upper
216	100		
214	79.4	62.8	94.2
179	22.3	17.6	26.4
108	24.5	17.7	26.5



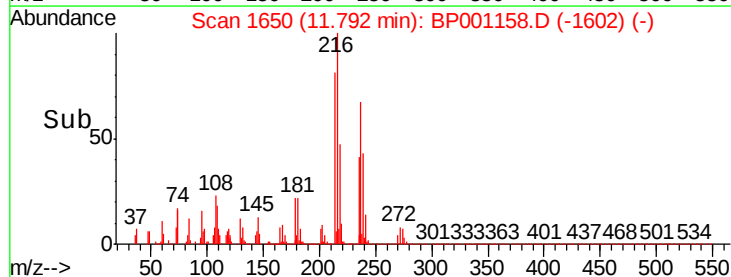
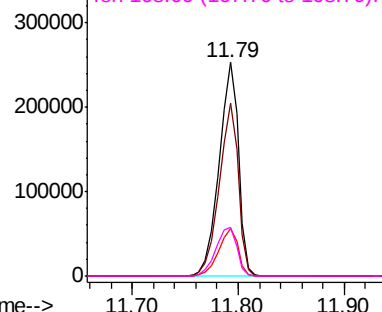
Abundance

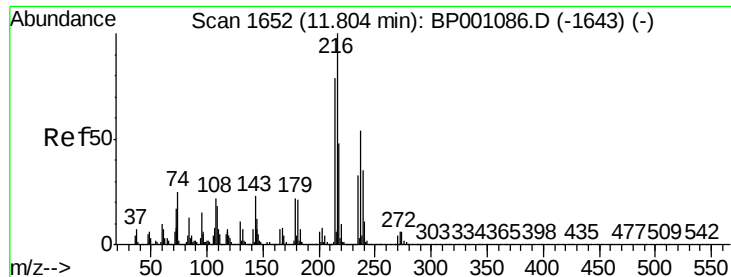
Ion 216.00 (215.70 to 216.70): E

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: 78.319 ng

RT: 11.79 min Scan# 1649

Delta R.T. -0.02 min

Lab File: BP001158.D

Acq: 03 Dec 2019 16:41

Instrument :

BNA_P

ClientSampleId :

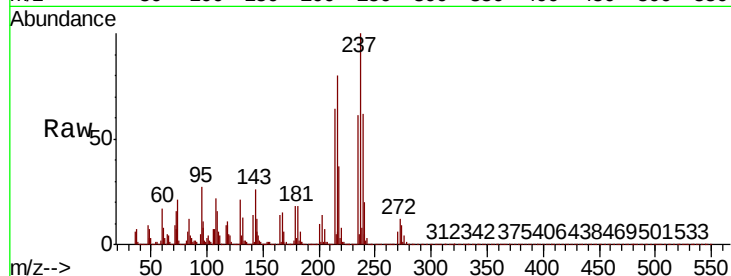
Tot Ion:237 Resp: 292003

Ion Ratio Lower Upper

237 100

235 61.3 41.8 81.8

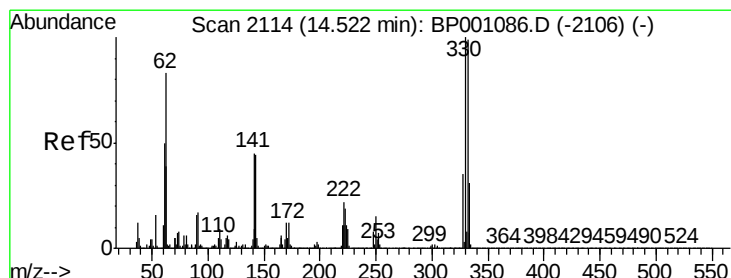
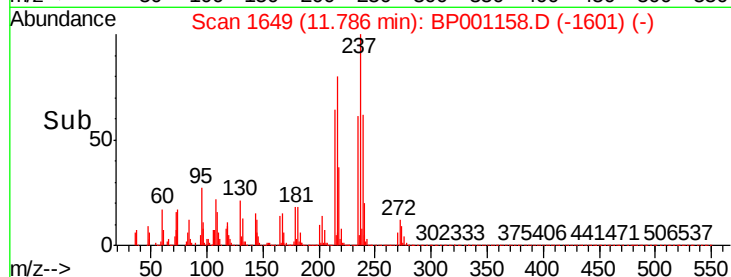
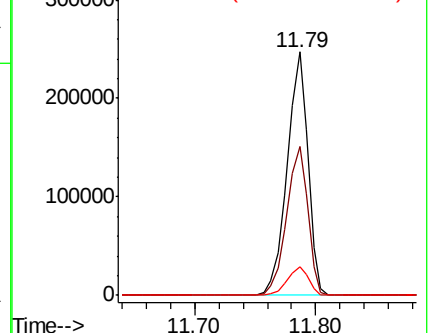
272 11.6 0.0 31.9



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: 124.891 ng

RT: 14.51 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BP001158.D

Acq: 03 Dec 2019 16:41

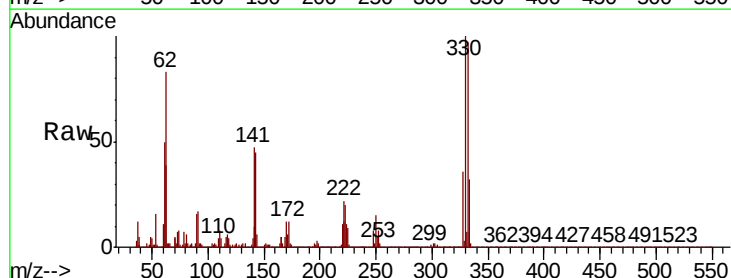
Tgt Ion:330 Resp: 306992

Ion Ratio Lower Upper

330 100

332 95.7 77.6 116.4

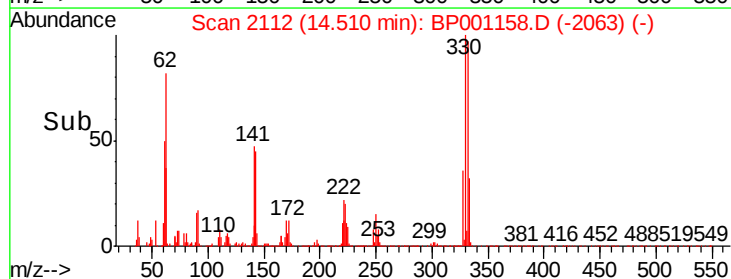
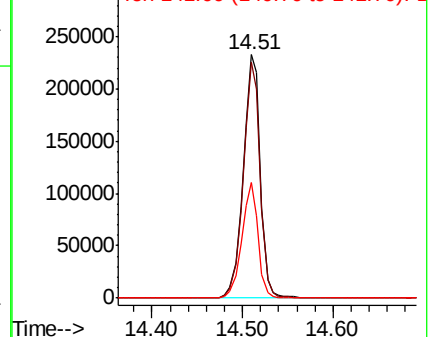
141 45.2 34.2 51.2

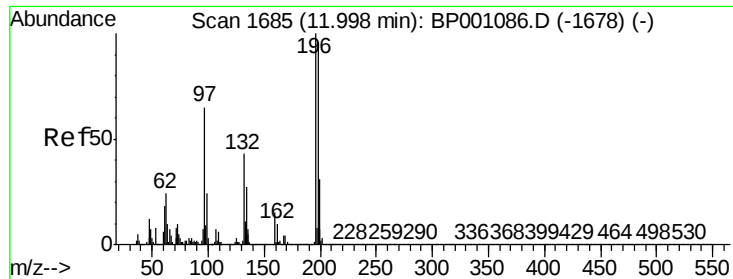


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

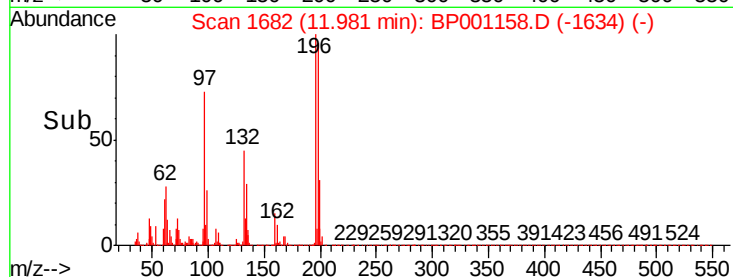
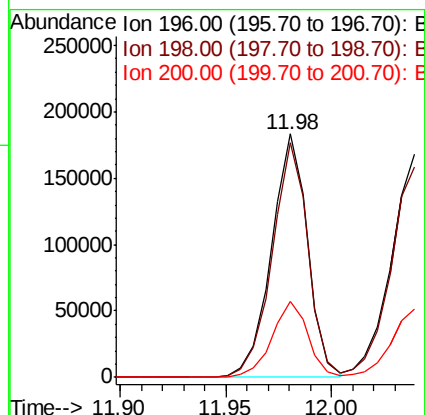
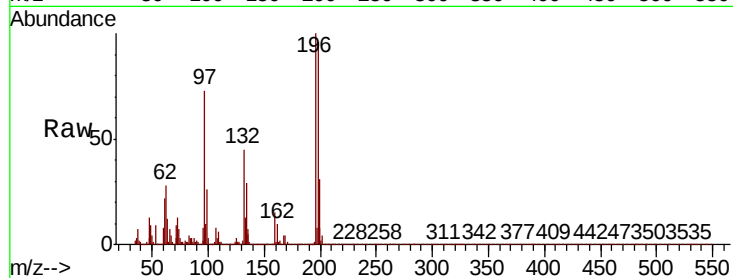




#43
 2,4,6-Trichlorophenol
 Concen: 41.350 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.02 min
 Lab File: BP001158.D
 Acq: 03 Dec 2019 16:41

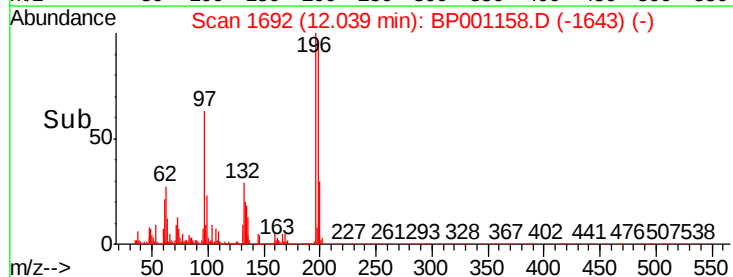
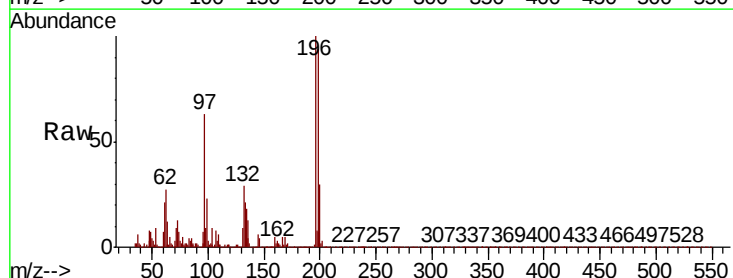
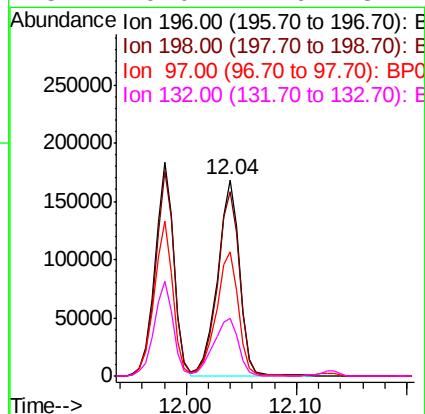
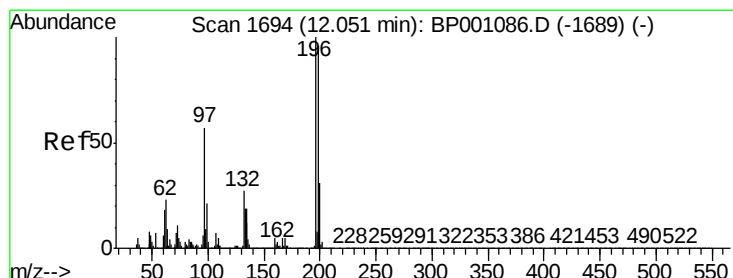
Instrument :
 BNA_P
 ClientSampleId :

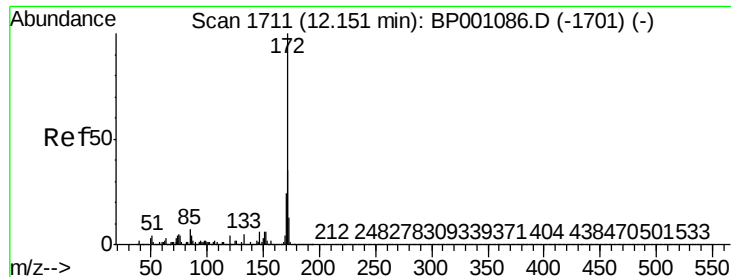
Tot Ion:196 Resp: 218203
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.7 115.1
 200 31.1 24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 42.163 ng
 RT: 12.04 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BP001158.D
 Acq: 03 Dec 2019 16:41

Tgt Ion:196 Resp: 230525
 Ion Ratio Lower Upper
 196 100
 198 94.2 76.8 115.2
 97 63.4 46.1 69.1
 132 29.0 21.6 32.4

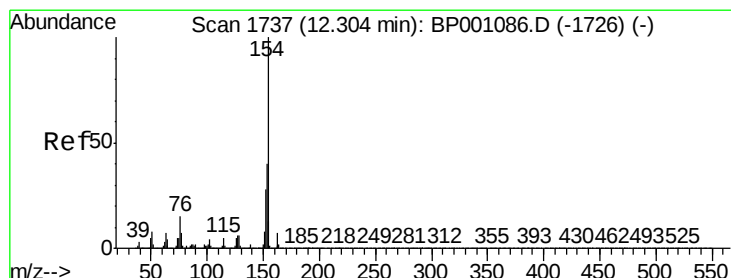
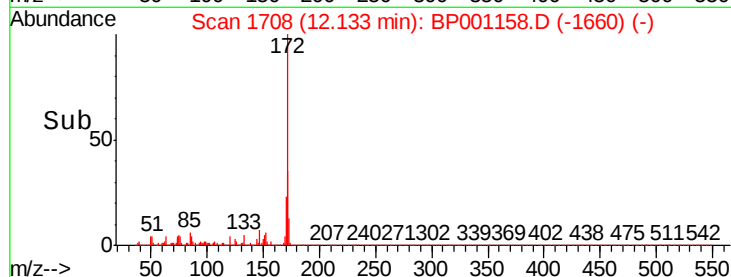
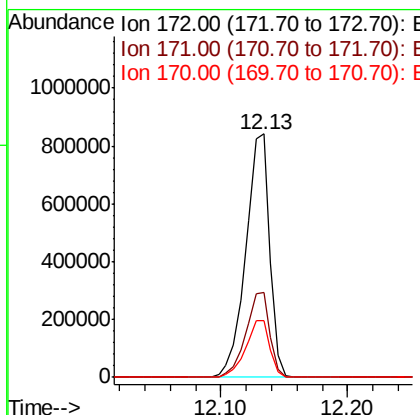
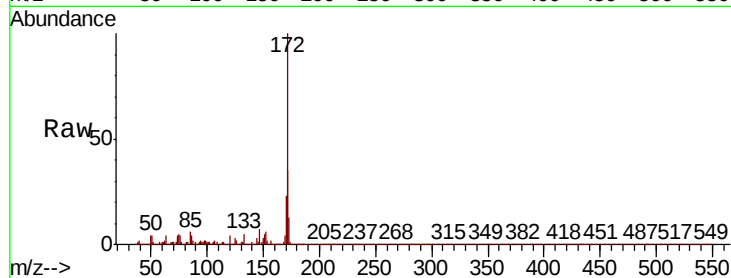




#45
2-Fluorobiphenyl
Concen: 62.881 ng
RT: 12.13 min Scan# 1708
Delta R.T. -0.02 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

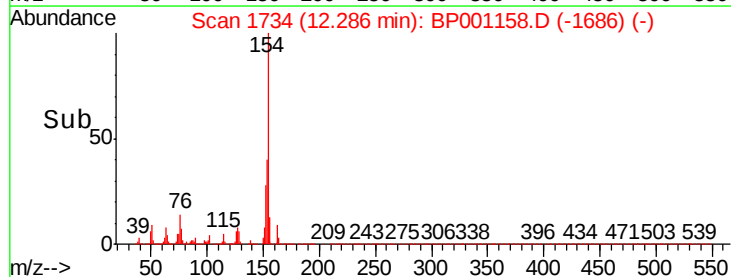
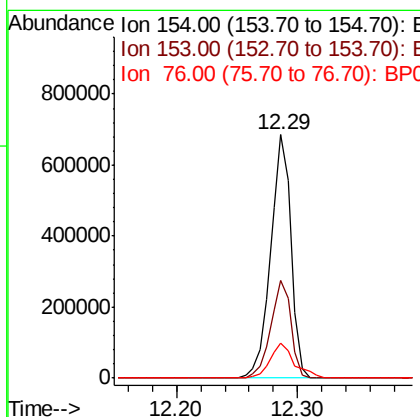
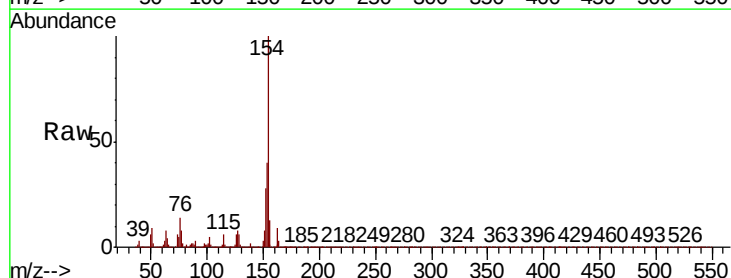
Instrument :
BNA_P
ClientSampleId :

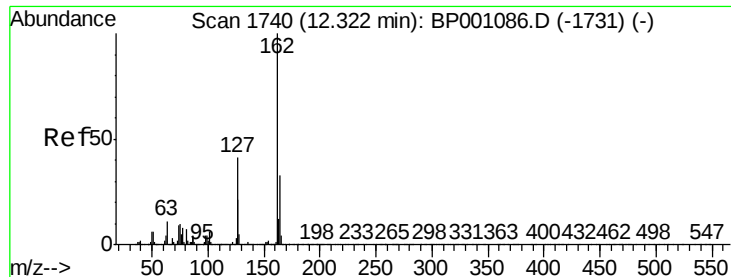
Tot Ion:172 Resp: 1101813
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.2 19.0 28.4



#46
1,1'-Biphenyl
Concen: 40.474 ng
RT: 12.29 min Scan# 1734
Delta R.T. -0.02 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

Tgt Ion:154 Resp: 802174
Ion Ratio Lower Upper
154 100
153 40.1 20.2 60.2
76 14.5 0.0 34.5

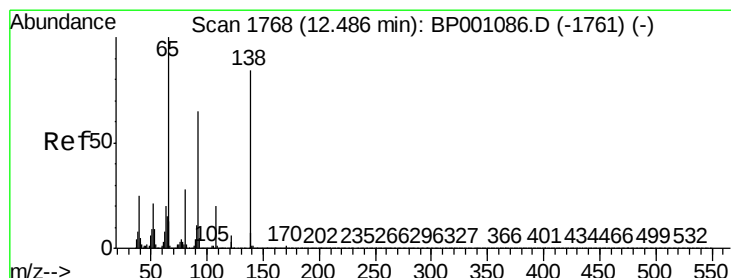
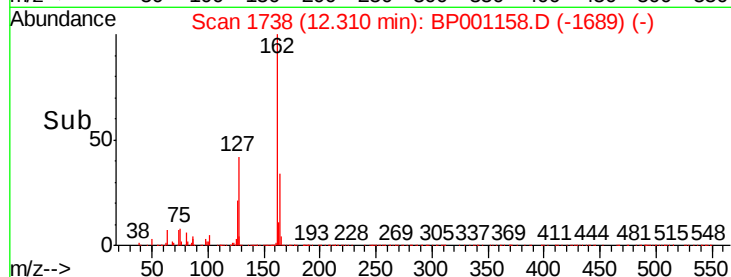
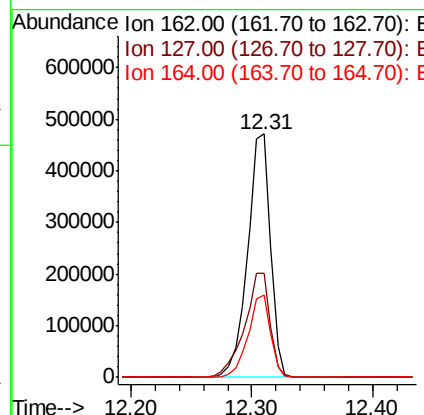
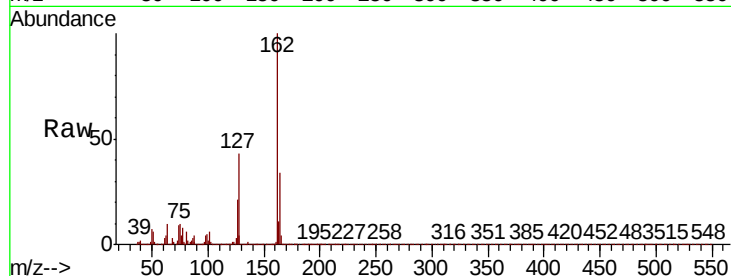




#47
2-Chloronaphthalene
Concen: 39.460 ng
RT: 12.31 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

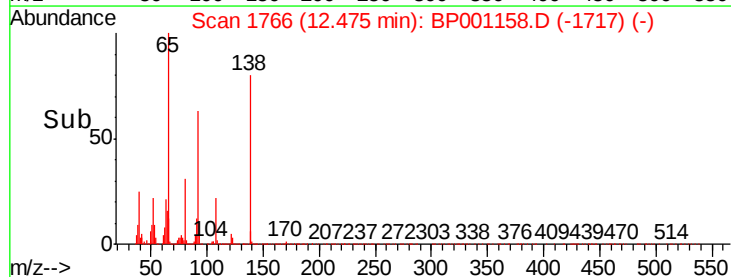
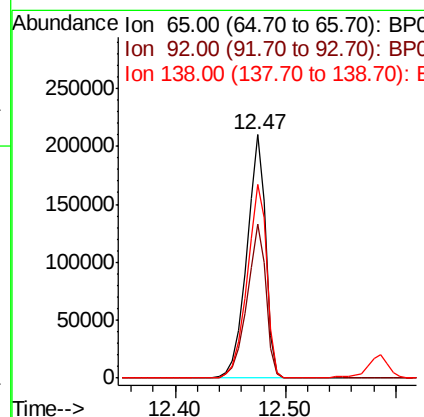
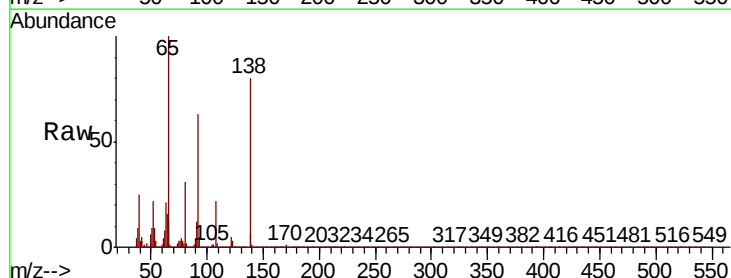
Instrument :
BNA_P
ClientSampleId :

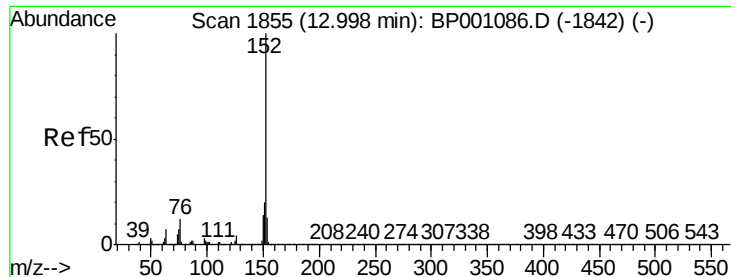
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.6	33.0	49.6
164	33.6	26.7	40.1



#48
2-Nitroaniline
Concen: 40.709 ng
RT: 12.47 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.1	51.6	77.4
138	79.6	67.3	100.9





#49

Acenaphthylene

Concen: 41.792 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BP001158.D

Acq: 03 Dec 2019 16:41

Instrument :

BNA_P

ClientSampleId :

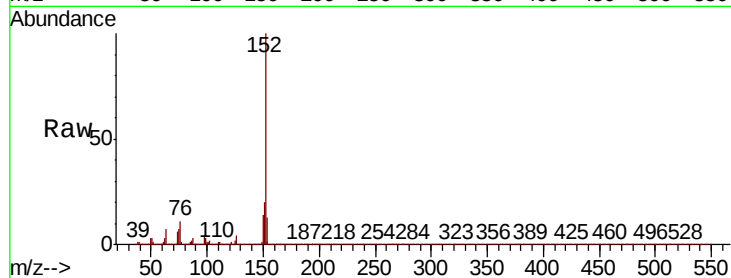
Tot Ion:152 Resp: 991735

Ion Ratio Lower Upper

152 100

151 19.5 15.8 23.8

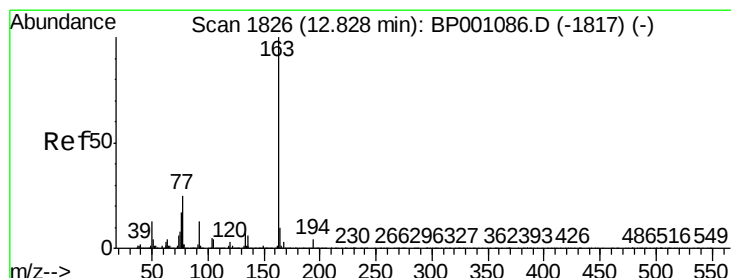
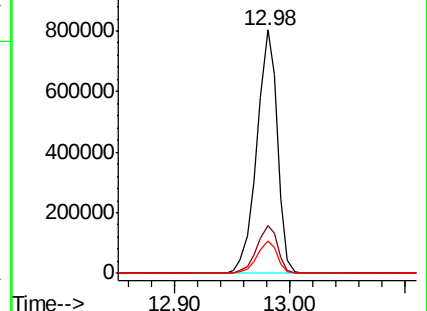
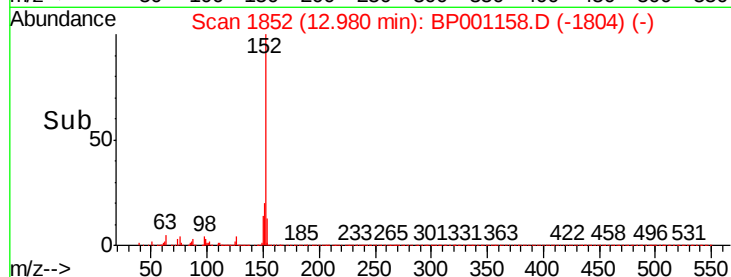
153 13.1 10.2 15.4



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: 39.379 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BP001158.D

Acq: 03 Dec 2019 16:41

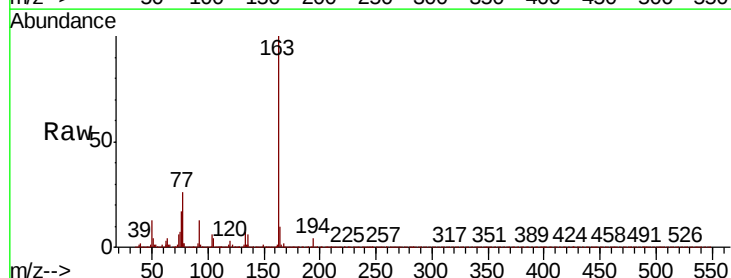
Tgt Ion:163 Resp: 755294

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

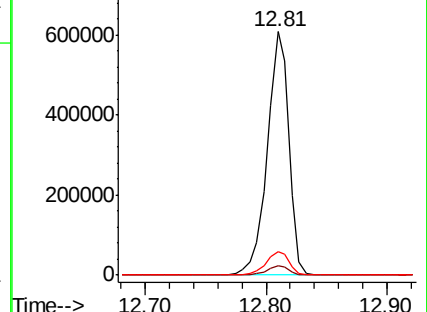
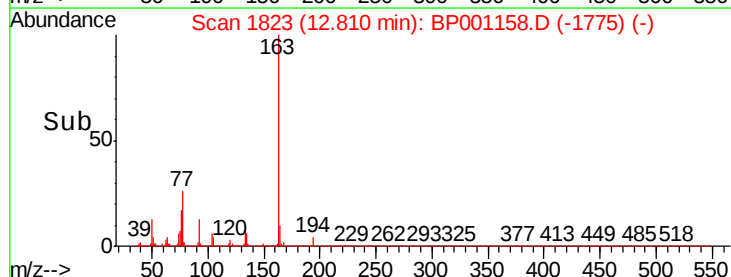
164 9.8 8.1 12.1

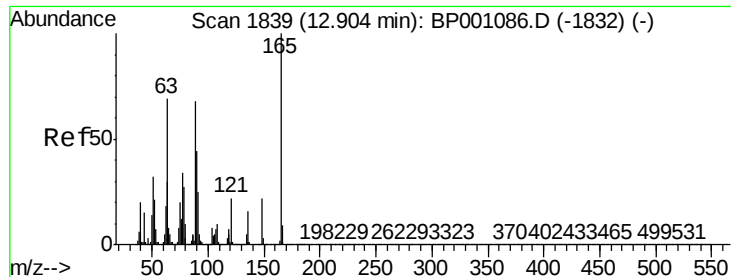


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.801 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BP001158.D

Acq: 03 Dec 2019 16:41

Instrument :

BNA_P

ClientSampleId :

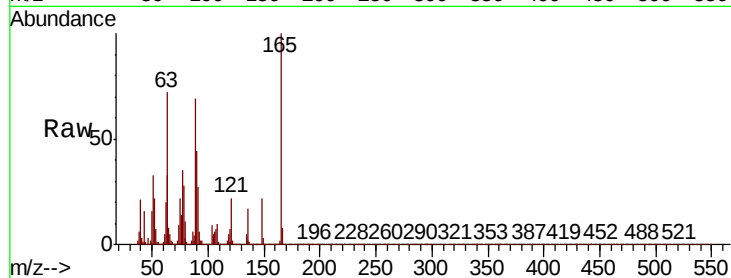
Tot Ion:165 Resp: 167521

Ion Ratio Lower Upper

165 100

63 71.6 55.6 83.4

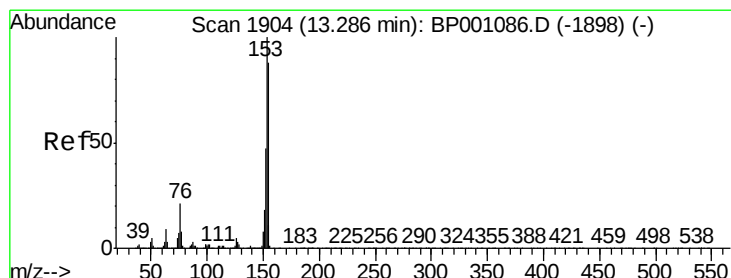
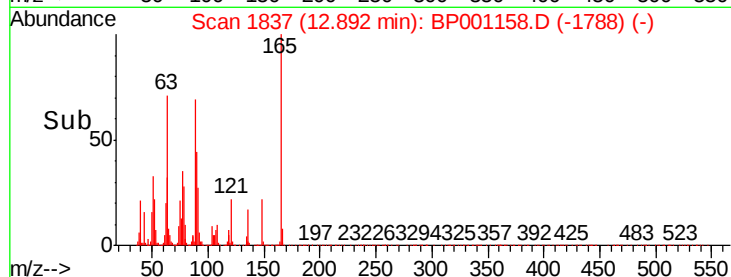
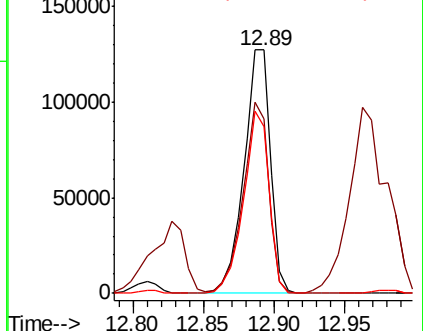
89 68.8 54.1 81.1



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0



#52

Acenaphthene

Concen: 40.839 ng

RT: 13.27 min Scan# 1901

Delta R.T. -0.02 min

Lab File: BP001158.D

Acq: 03 Dec 2019 16:41

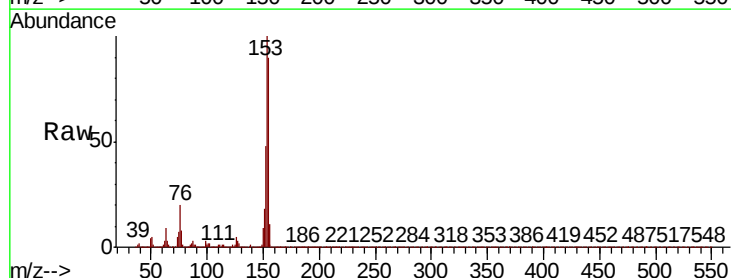
Tgt Ion:154 Resp: 582965

Ion Ratio Lower Upper

154 100

153 110.7 90.5 135.7

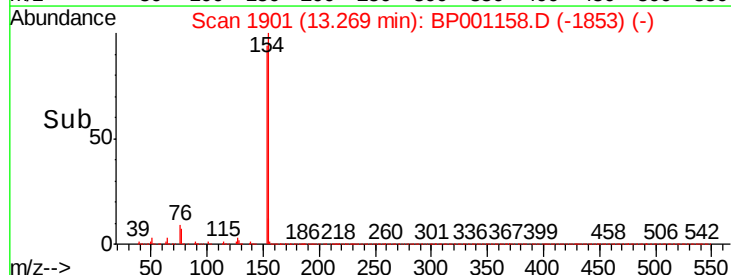
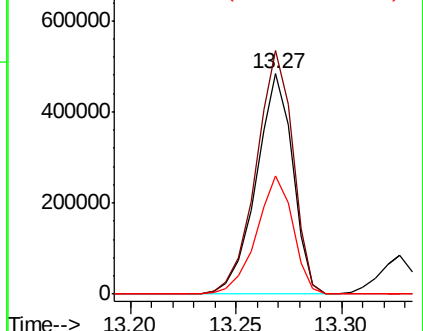
152 53.5 42.6 64.0

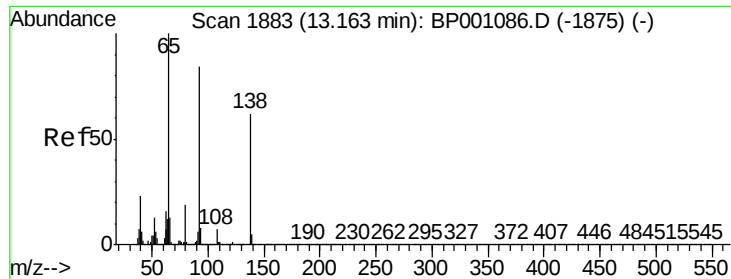


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

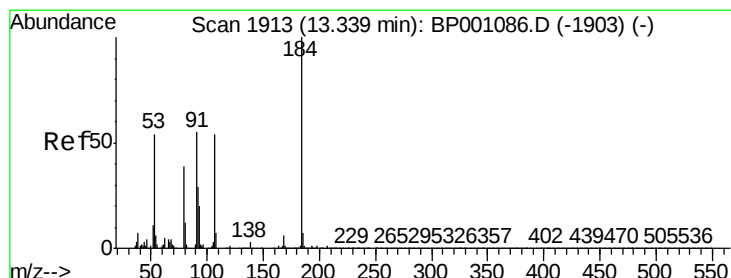
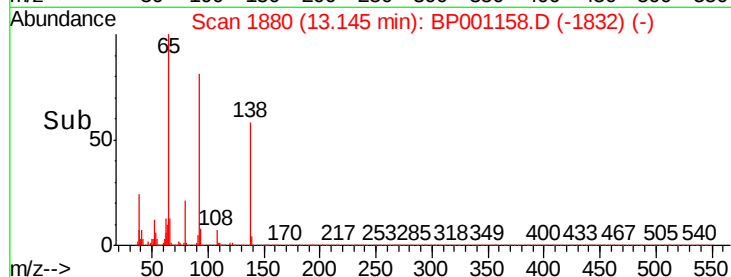
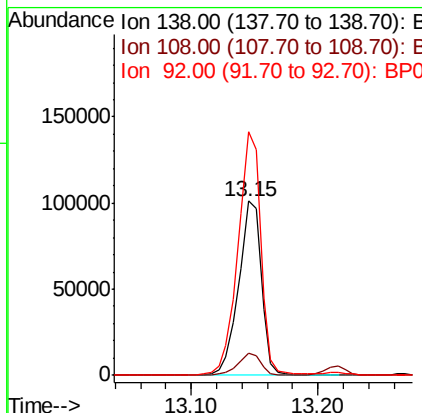
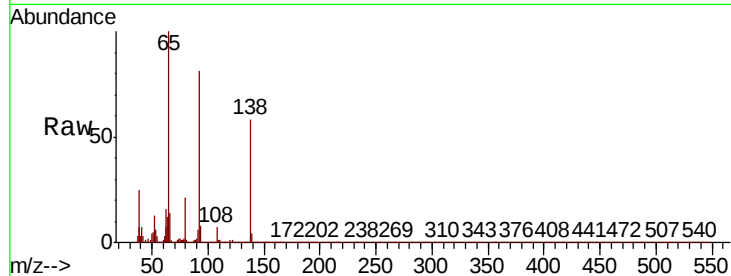




#53
3-Nitroaniline
Concen: 27.198 ng
RT: 13.15 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

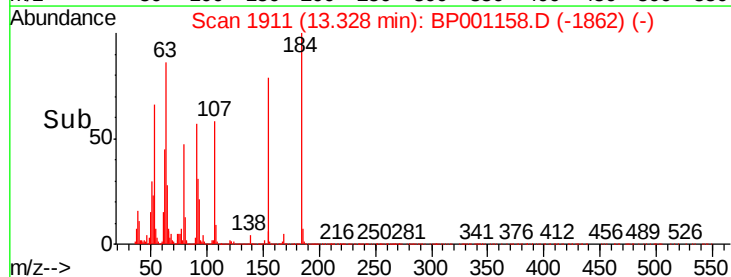
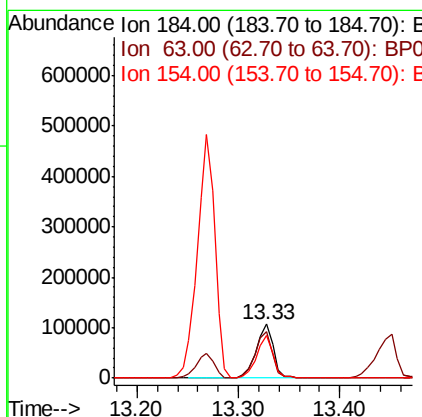
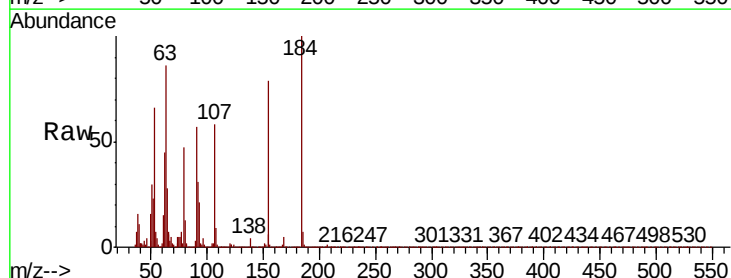
Instrument :
BNA_P
ClientSampleId :

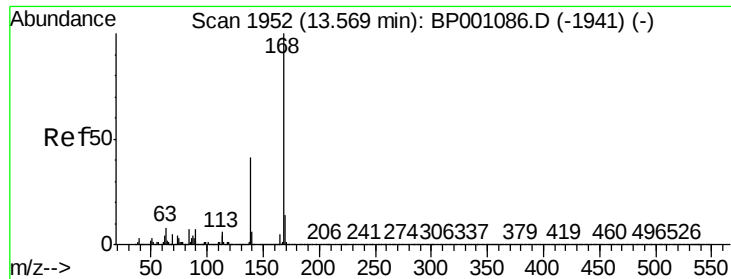
Tot Ion:138 Resp: 125443
Ion Ratio Lower Upper
138 100
108 12.4 9.2 13.8
92 139.8 107.8 161.6



#54
2,4-Dinitrophenol
Concen: 74.995 ng
RT: 13.33 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

Tgt Ion:184 Resp: 124953
Ion Ratio Lower Upper
184 100
63 86.5 60.7 91.1
154 79.0 56.2 84.2

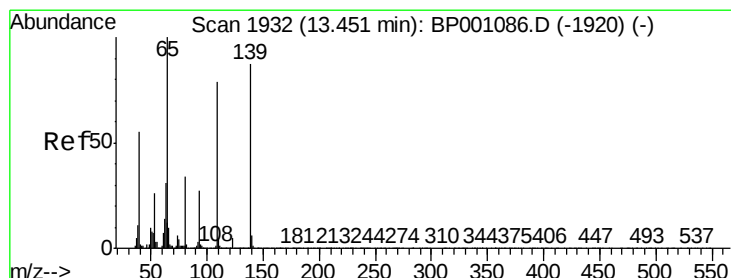
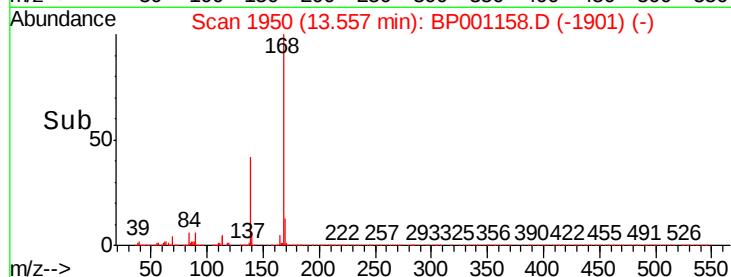
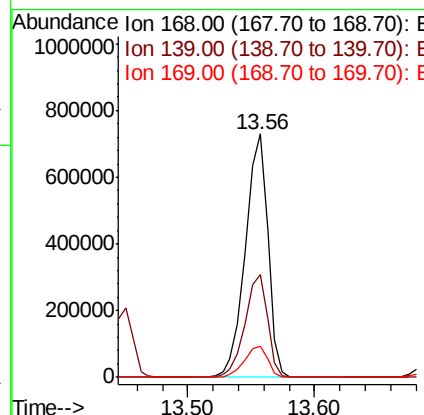
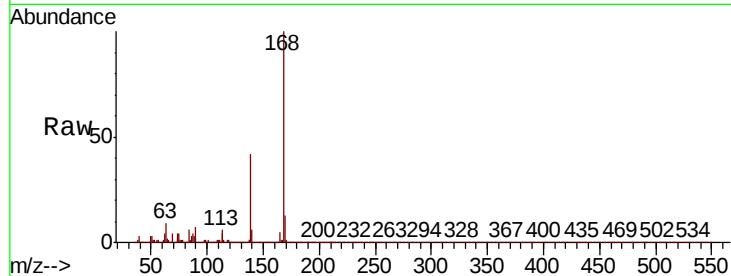




#55
Dibenzofuran
Concen: 41.771 ng
RT: 13.56 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

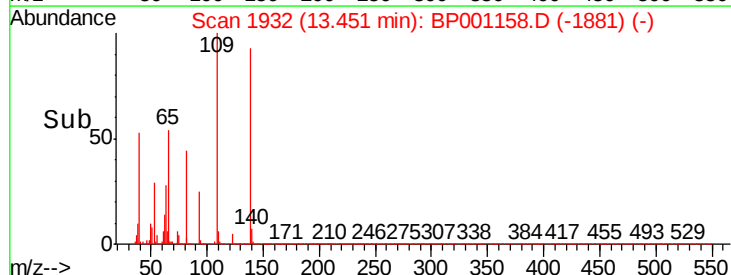
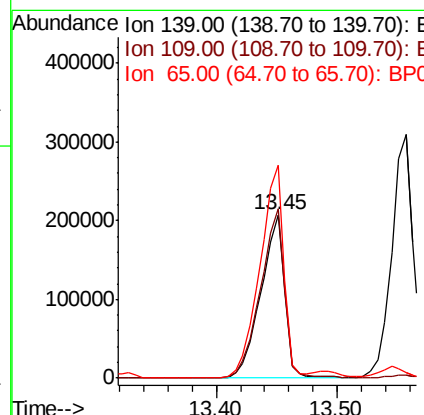
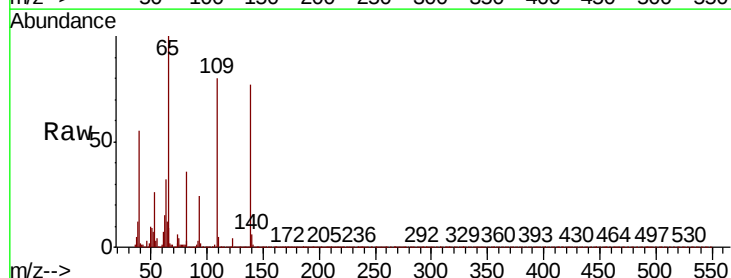
Instrument :
BNA_P
ClientSampled :

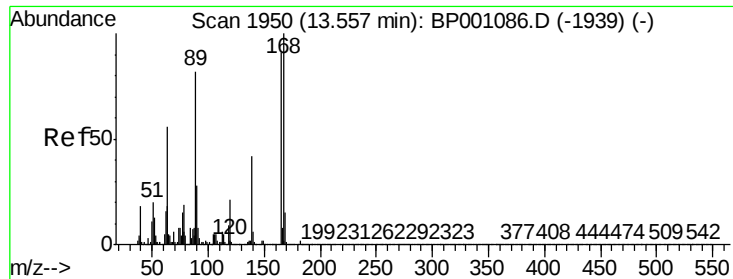
Tot Ion	Ratio	Lower	Upper
168	100		
139	42.4	32.8	49.2
169	12.9	10.9	16.3



#56
4-Nitrophenol
Concen: 87.394 ng
RT: 13.45 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

Tgt Ion	Ratio	Lower	Upper
139	100		
109	103.8	70.9	110.9
65	130.0	95.2	135.2

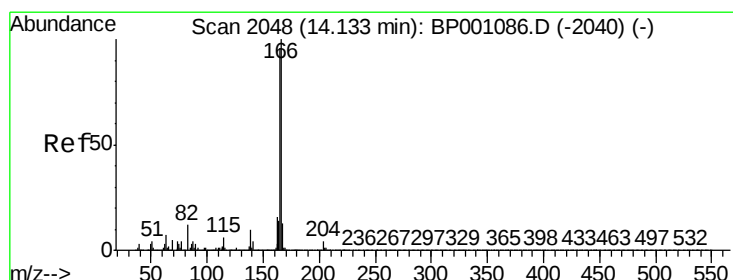
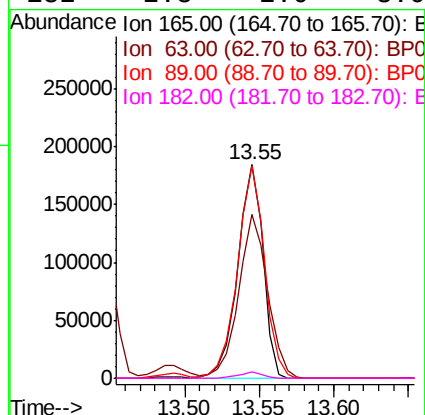
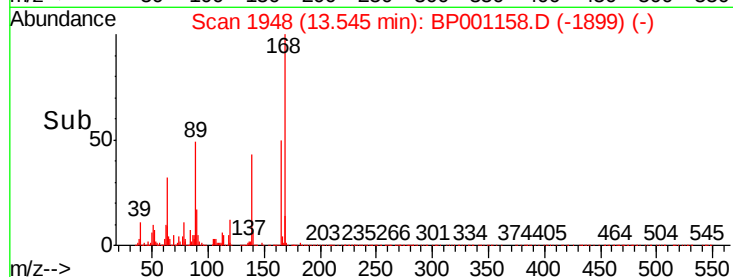
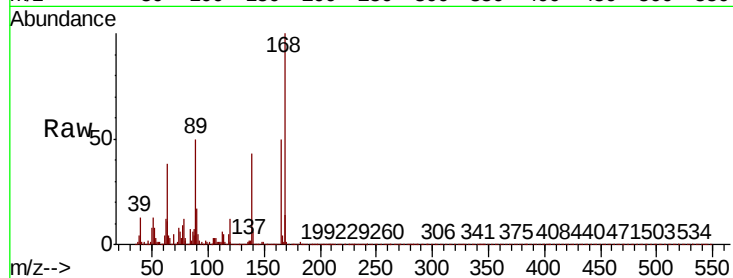




#57
2,4-Dinitrotoluene
Concen: 42.411 ng
RT: 13.55 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

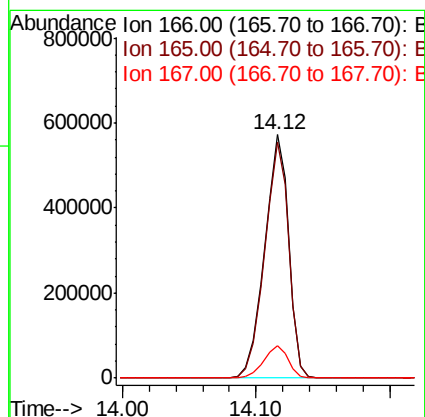
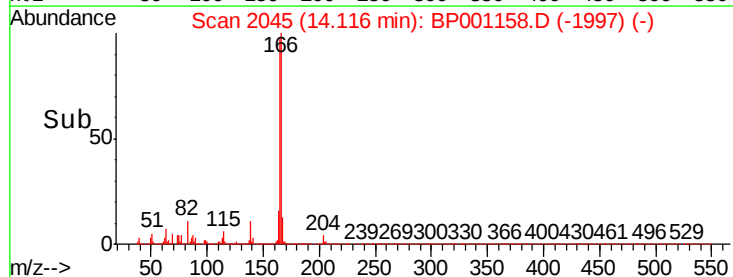
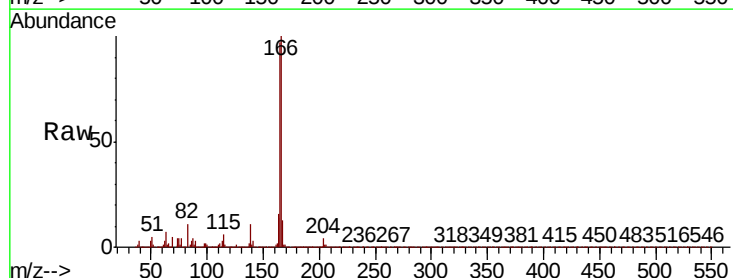
Instrument :
BNA_P
ClientSampleId :

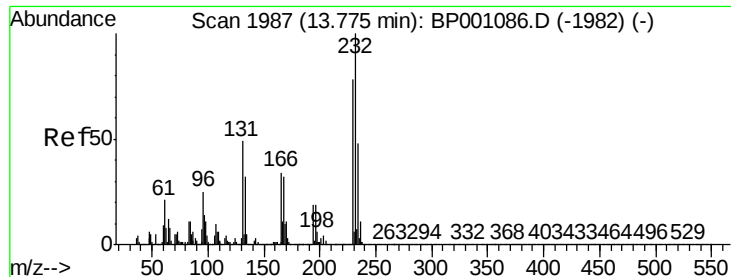
Tot Ion:165 Resp: 218265
Ion Ratio Lower Upper
165 100
63 76.6 49.4 74.2#
89 99.3 72.1 108.1
182 2.8 2.0 3.0



#58
Fluorene
Concen: 41.237 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.02 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

Tgt Ion:166 Resp: 708794
Ion Ratio Lower Upper
166 100
165 97.1 76.7 115.1
167 13.3 10.5 15.7

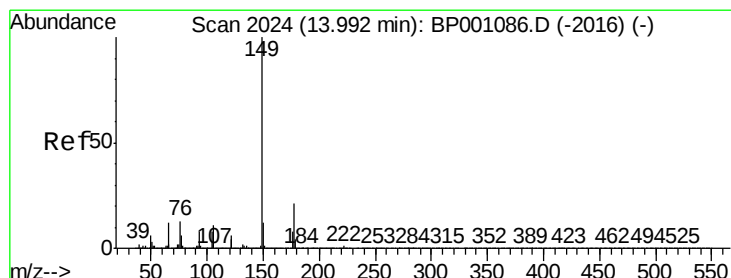
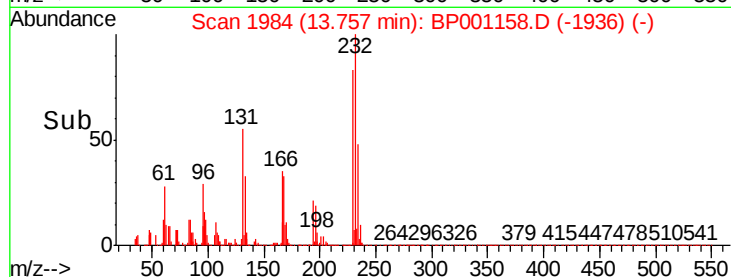
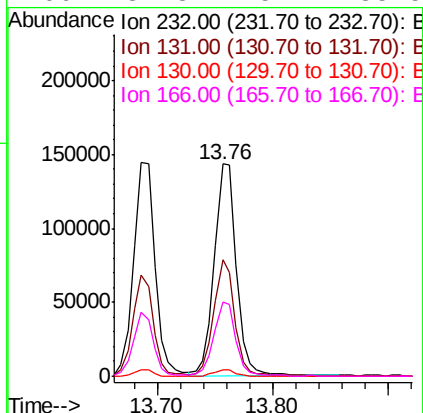
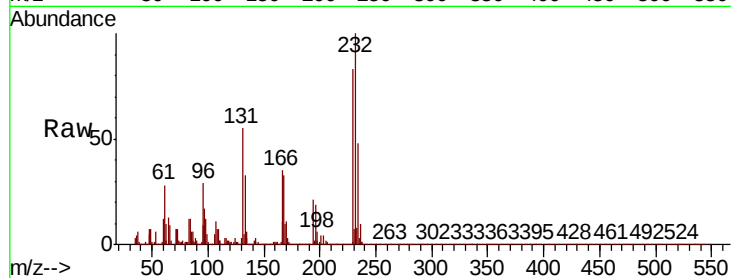




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.673 ng
RT: 13.76 min Scan# 1984
Delta R.T. -0.02 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

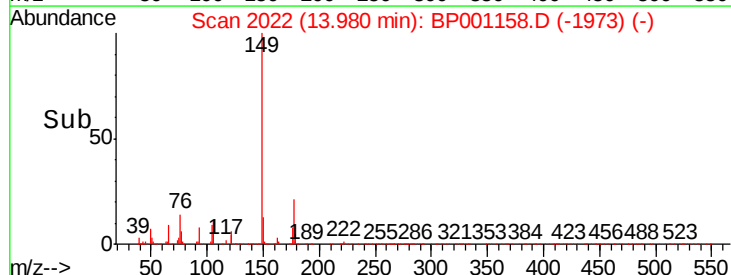
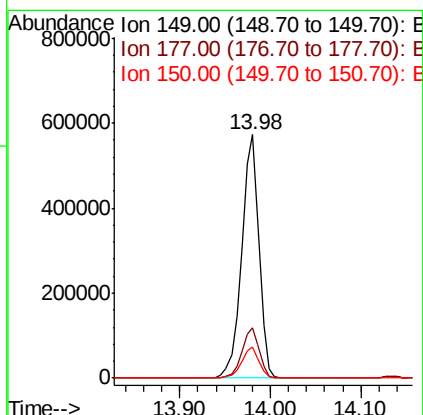
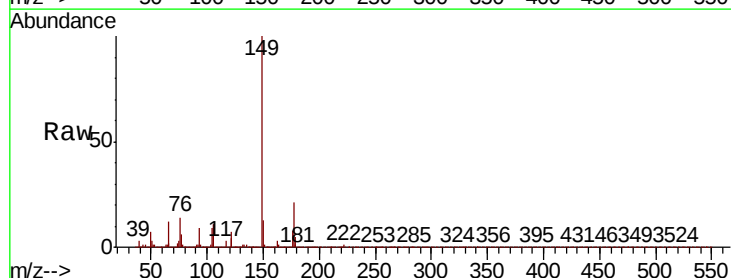
Instrument :
BNA_P
ClientSampleId :

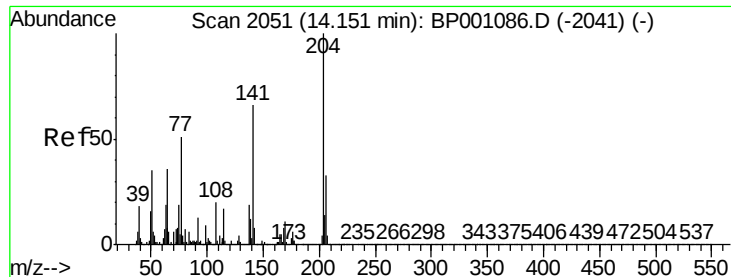
Tot Ion	Ratio	Lower	Upper
232	100		
131	52.5	39.6	59.4
130	3.1	1.9	2.9
166	34.3	25.7	38.5



#60
Diethylphthalate
Concen: 38.139 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.9	17.0	25.6
150	12.6	9.9	14.9

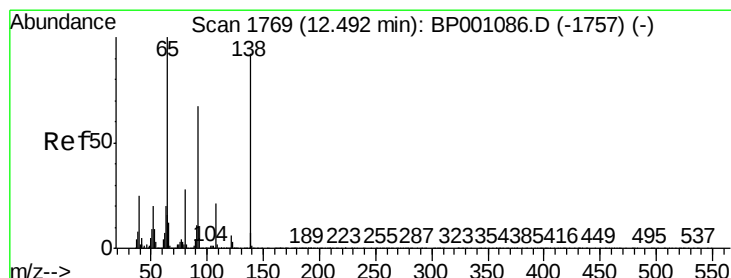
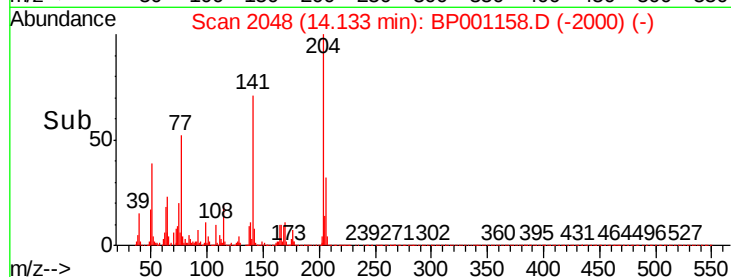
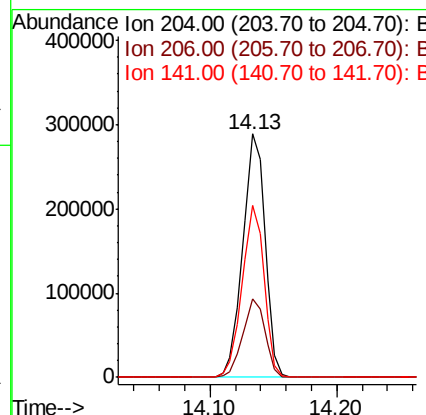
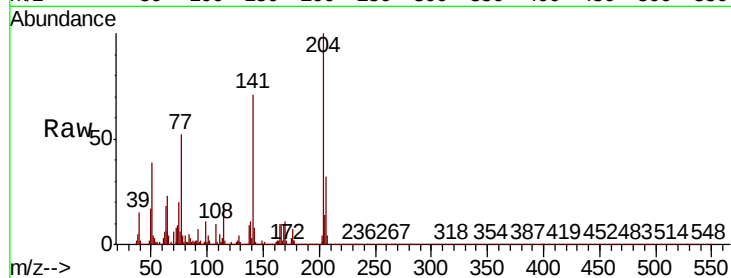




#61
4-Chlorophenyl-phenylether
Concen: 40.057 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

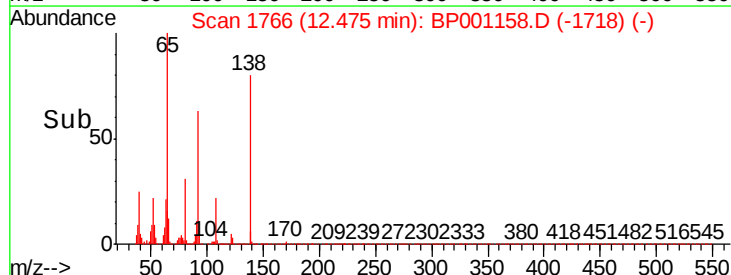
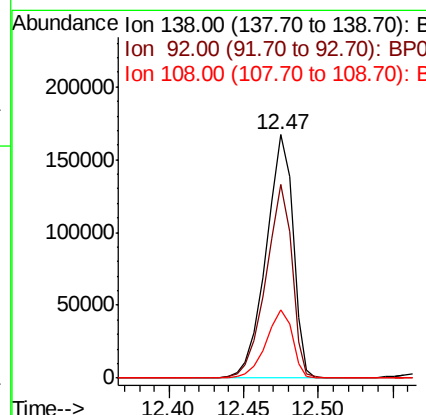
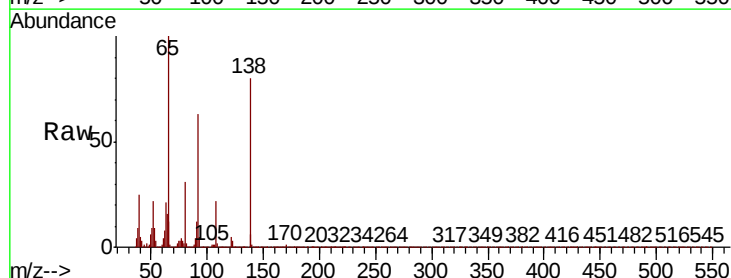
Instrument :
BNA_P
ClientSampleId :

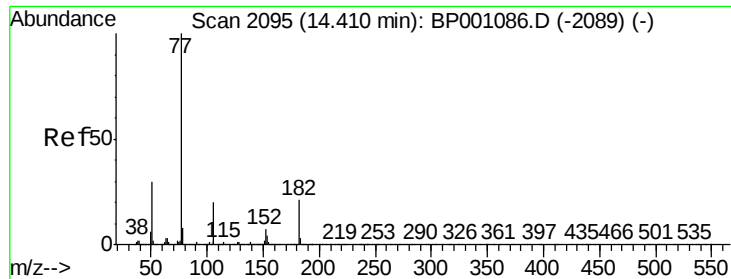
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.1	39.1
141	70.6	52.7	79.1



#62
4-Nitroaniline
Concen: 38.934 ng
RT: 12.47 min Scan# 1766
Delta R.T. -0.02 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

Tgt Ion	Ratio	Lower	Upper
138	100		
92	79.4	53.3	93.3
108	28.2	3.1	43.1

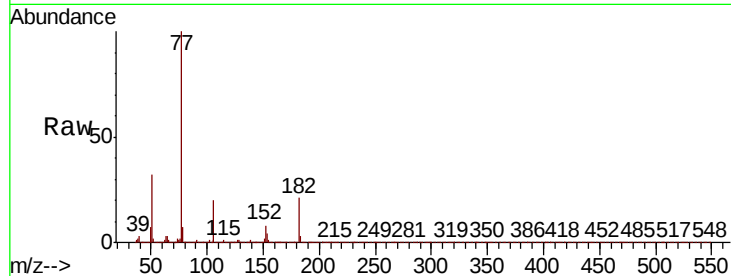




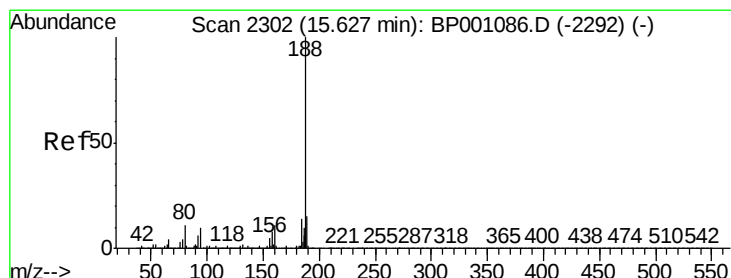
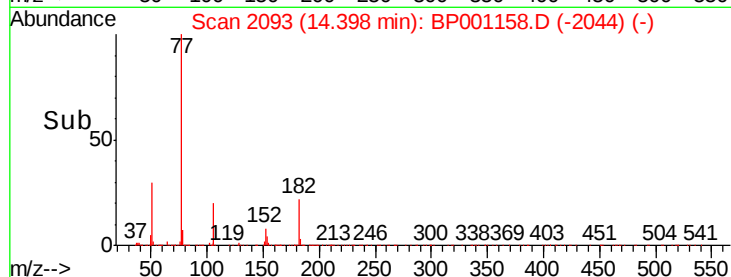
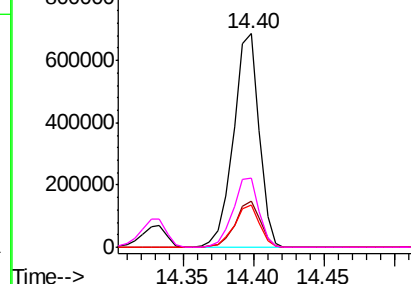
#63
Azobenzene
Concen: 40.259 ng
RT: 14.40 min Scan# 2093
Delta R.T. -0.01 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

Instrument :
BNA_P
ClientSampled :

Tot Ion:	77	Resp:	864236
Ion	Ratio	Lower	Upper
77	100		
182	21.5	0.8	40.8
105	19.9	0.3	40.3
51	32.2	9.6	49.6

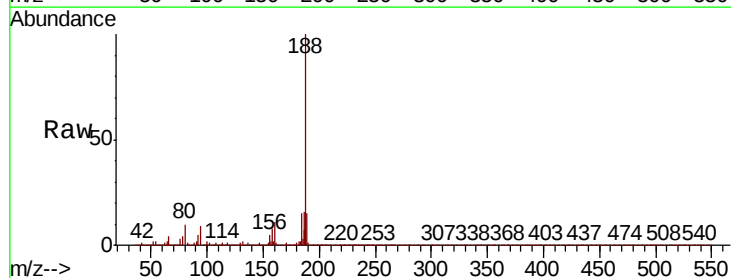


Abundance Ion 77.00 (76.70 to 77.70): BP0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BP0

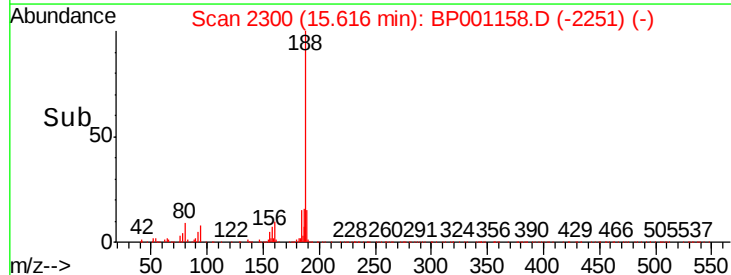
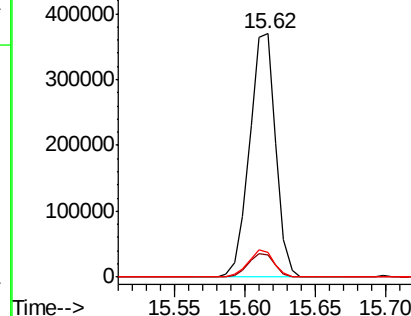


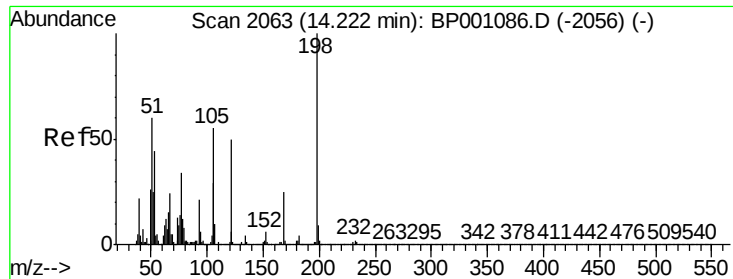
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

Tgt Ion:	188	Resp:	478433
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.9	11.9
80	10.0	8.8	13.2



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





#65

4,6-Dinitro-2-methylphenol

Concen: 43.779 ng

RT: 14.21 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BP001158.D

Acq: 03 Dec 2019 16:41

Instrument :

BNA_P

ClientSampleId :

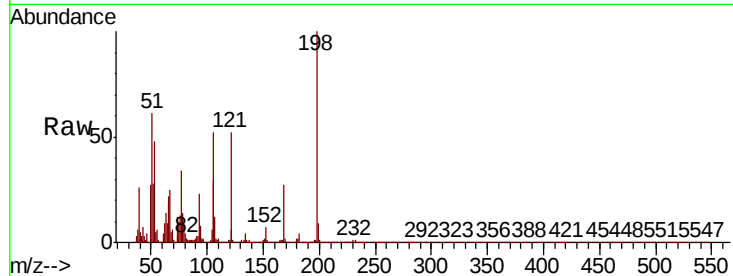
Tot Ion:198 Resp: 88529

Ion Ratio Lower Upper

198 100

51 61.5 40.5 80.5

105 52.4 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

150000

100000

50000

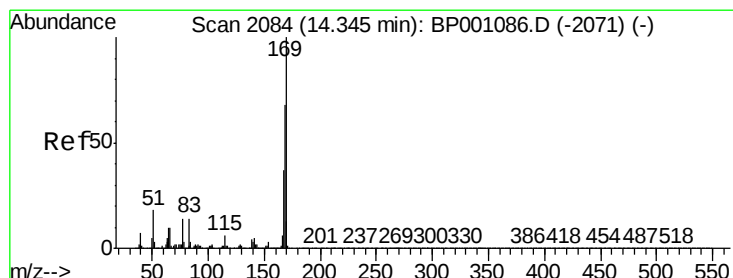
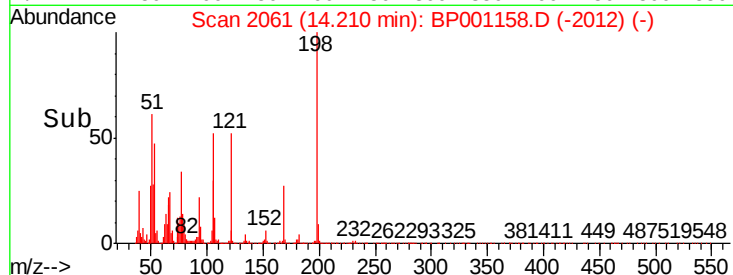
0

14.21

14.20

14.30

Time-->



#66

n-Nitrosodiphenylamine

Concen: 42.247 ng

RT: 14.33 min Scan# 2082

Delta R.T. -0.01 min

Lab File: BP001158.D

Acq: 03 Dec 2019 16:41

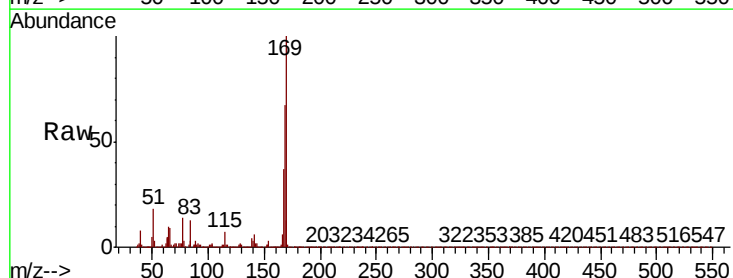
Tgt Ion:169 Resp: 614138

Ion Ratio Lower Upper

169 100

168 66.6 54.1 81.1

167 37.3 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

600000

400000

200000

0

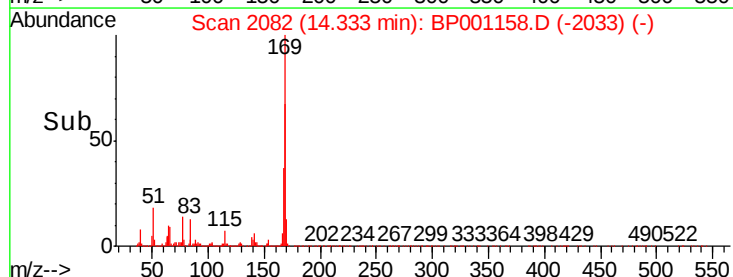
14.33

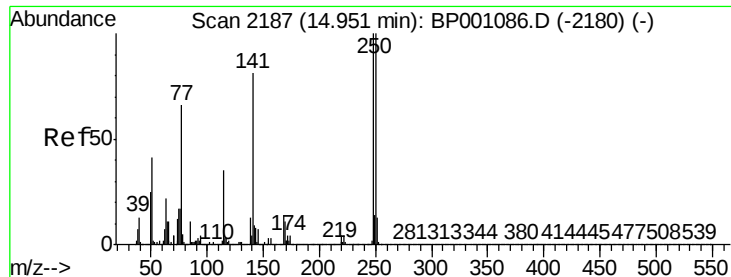
14.25

14.30

14.35

Time-->

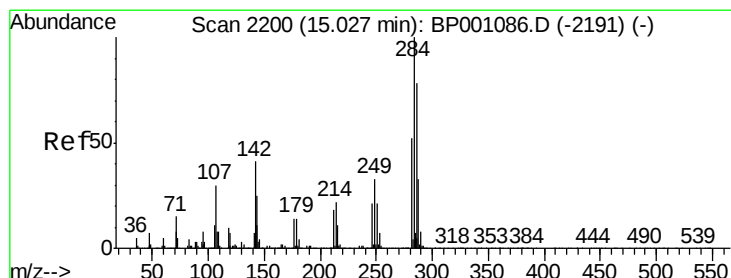
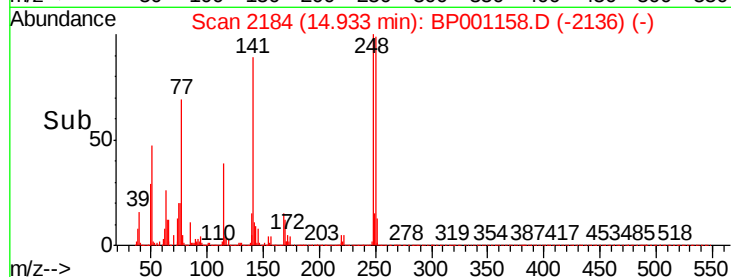
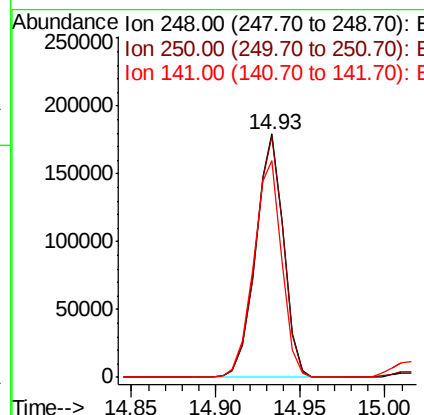
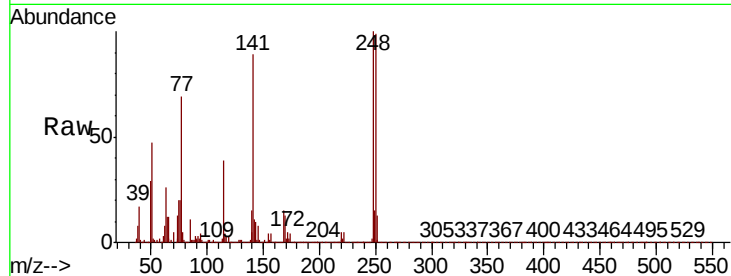




#67
4-Bromophenyl-phenylether
Concen: 39.647 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

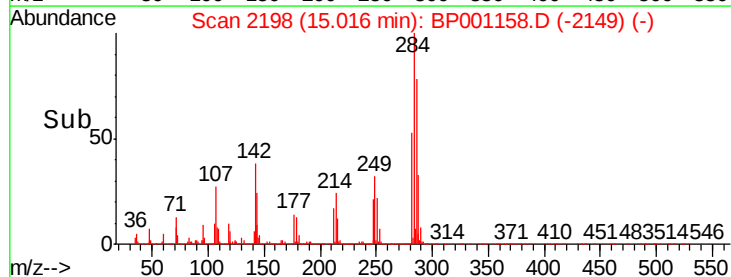
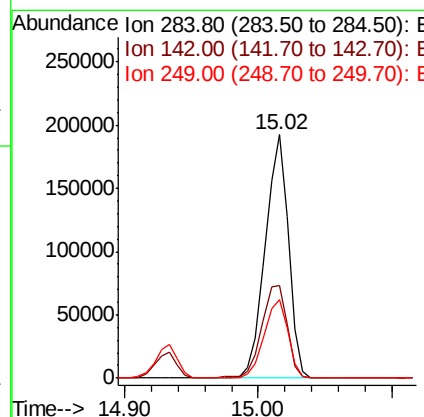
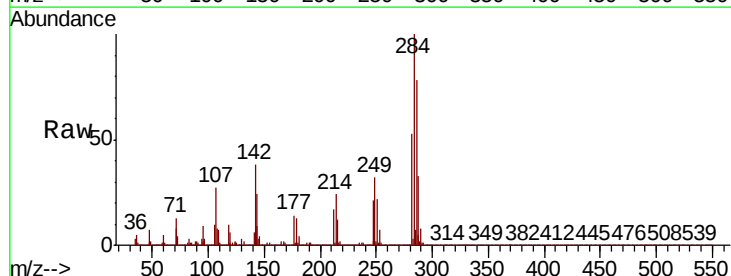
Instrument :
BNA_P
ClientSampled :

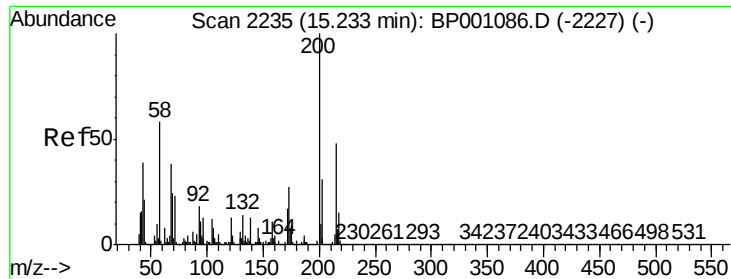
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.0	80.3	120.5
141	88.8	64.9	97.3



#68
Hexachlorobenzene
Concen: 40.182 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.2	33.2	49.8
249	32.2	26.2	39.4





#69

Atrazine

Concen: 47.140 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BP001158.D

Acq: 03 Dec 2019 16:41

Instrument :

BNA_P

ClientSampleId :

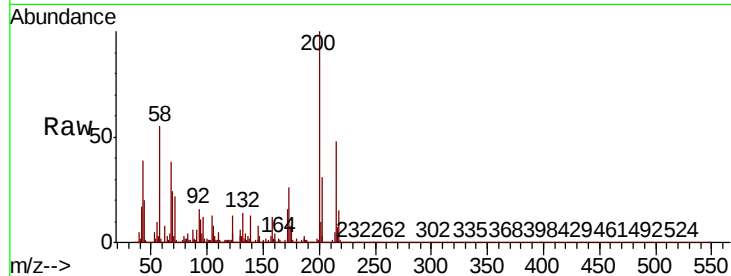
Tot Ion:200 Resp: 209234

Ion Ratio Lower Upper

200 100

173 26.1 6.7 46.7

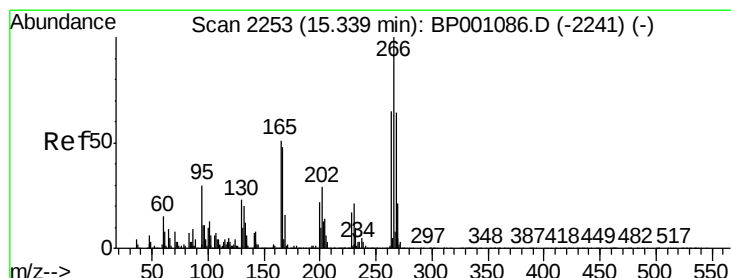
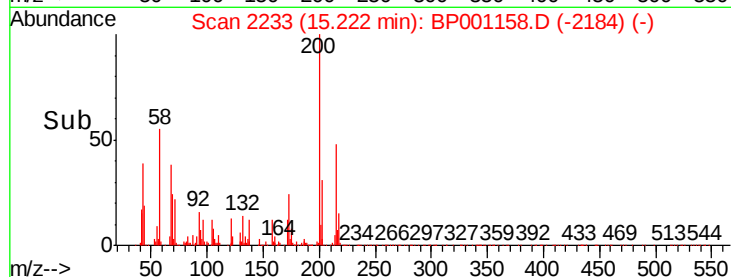
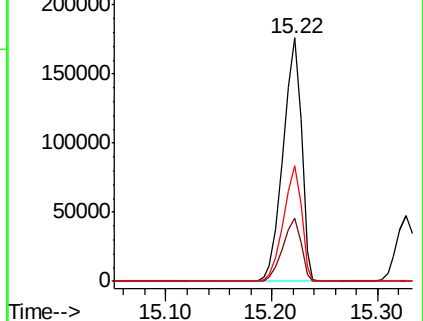
215 47.7 27.9 67.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 91.134 ng

RT: 15.33 min Scan# 2251

Delta R.T. -0.01 min

Lab File: BP001158.D

Acq: 03 Dec 2019 16:41

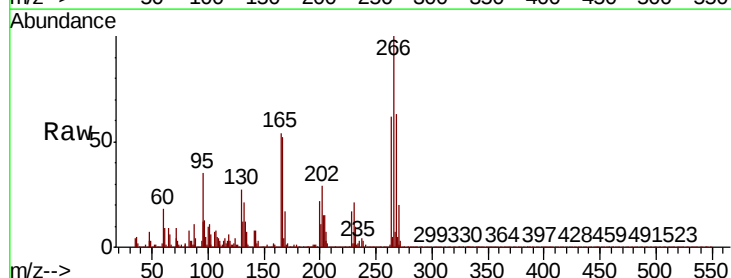
Tgt Ion:266 Resp: 271238

Ion Ratio Lower Upper

266 100

268 63.3 51.6 77.4

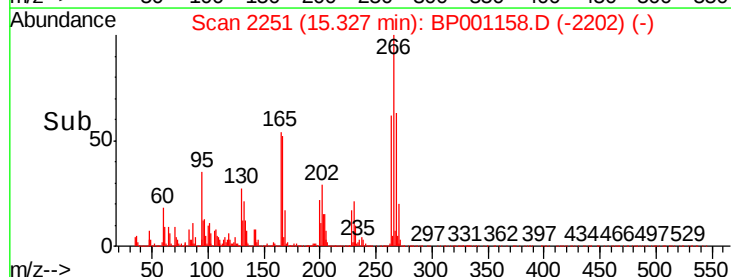
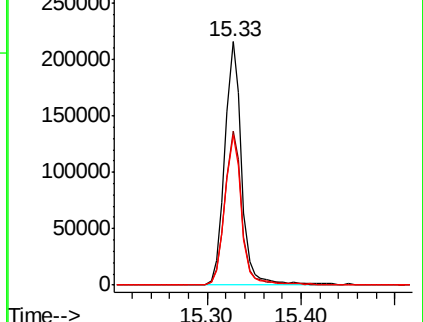
264 61.8 52.2 78.4

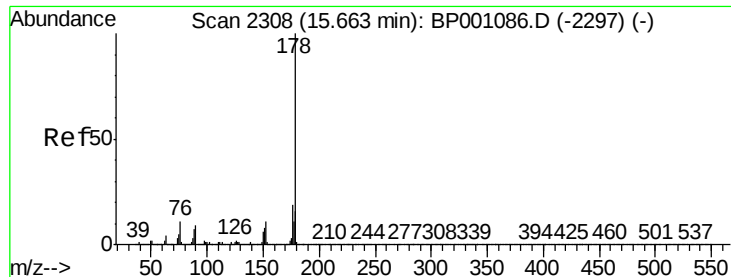


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

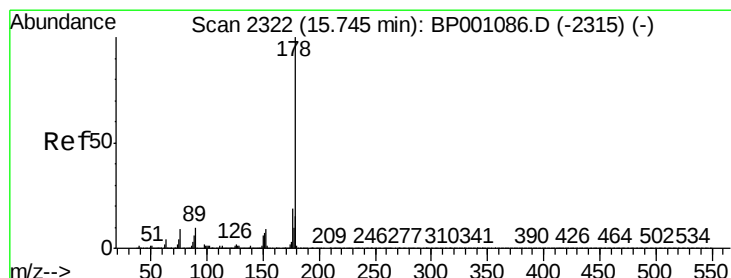
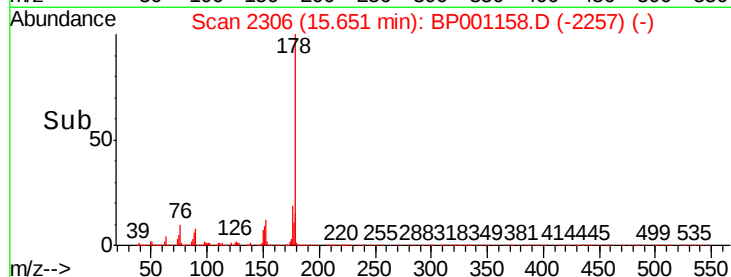
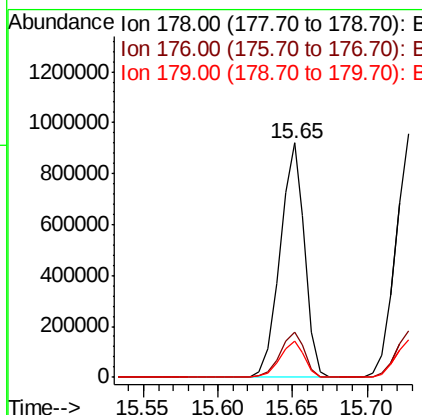
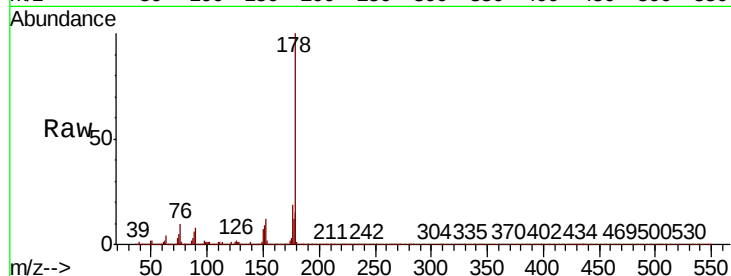




#71
Phenanthrene
Concen: 41.989 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

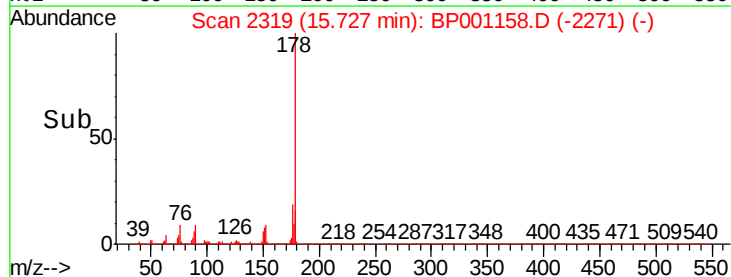
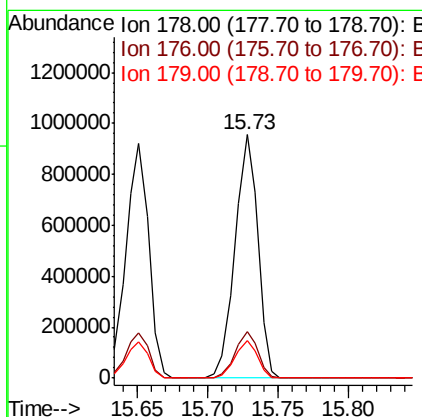
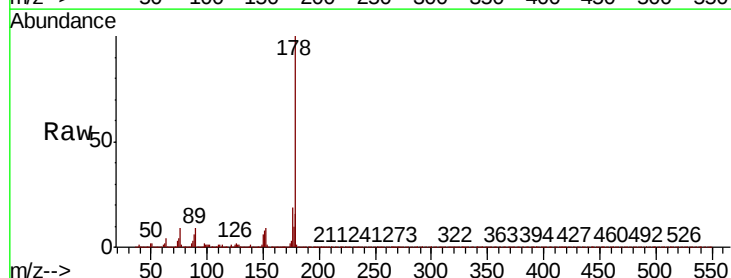
Instrument :
BNA_P
ClientSampleId :

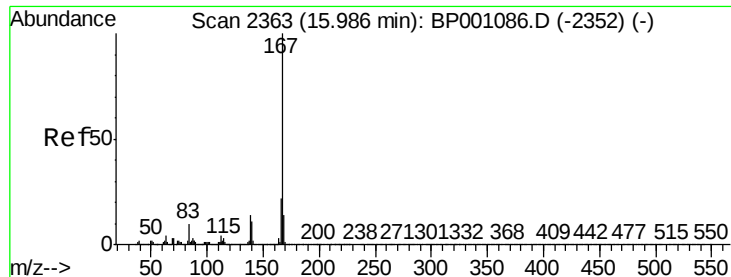
Tot Ion:178 Resp: 1056143
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.3 12.5 18.7



#72
Anthracene
Concen: 43.361 ng
RT: 15.73 min Scan# 2319
Delta R.T. -0.02 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

Tgt Ion:178 Resp: 1075006
Ion Ratio Lower Upper
178 100
176 19.0 14.9 22.3
179 15.7 12.2 18.4

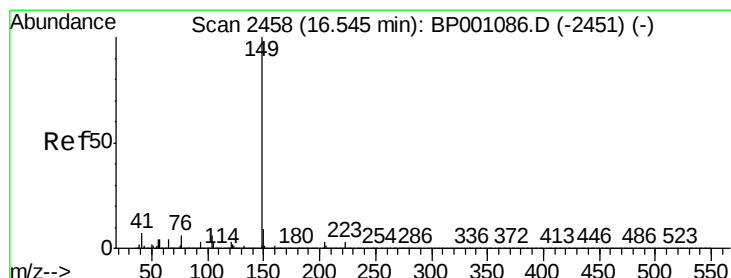
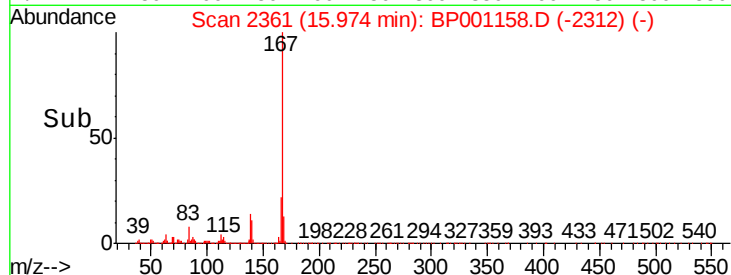
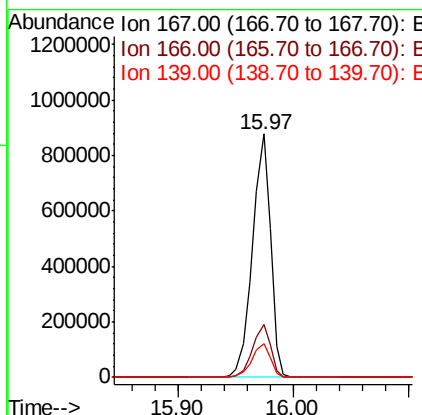
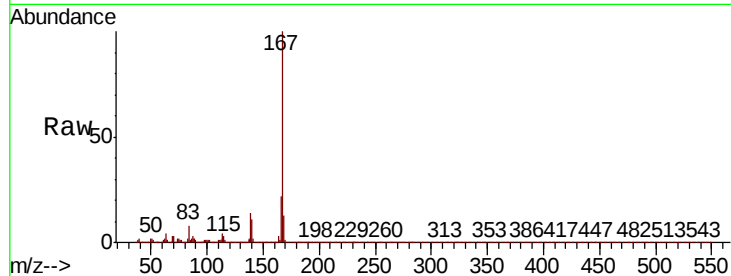




#73
 Carbazole
 Concen: 42.752 ng
 RT: 15.97 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BP001158.D
 Acq: 03 Dec 2019 16:41

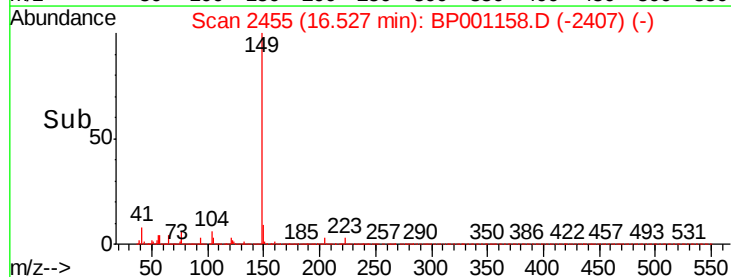
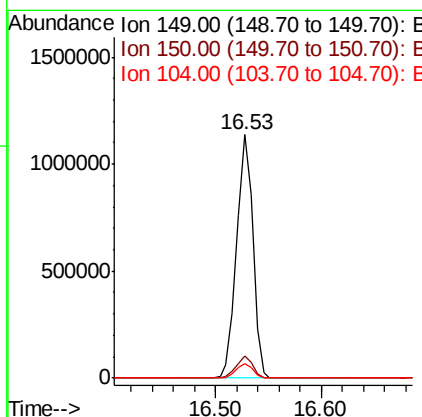
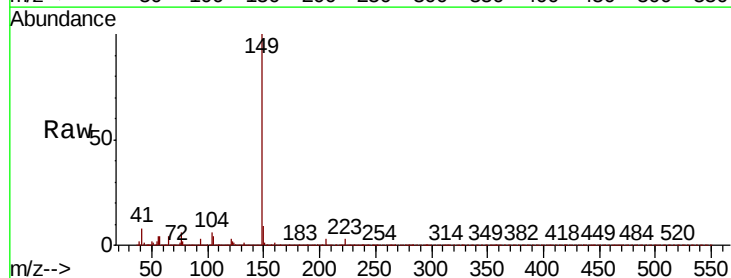
Instrument :
 BNA_P
 ClientSampled :

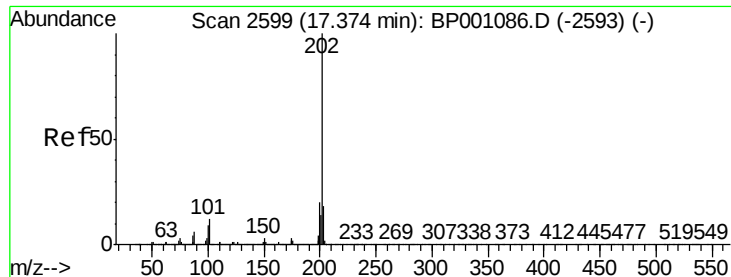
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.2	25.8
139	13.8	11.3	16.9



#74
 Di-n-butylphthalate
 Concen: 39.494 ng
 RT: 16.53 min Scan# 2455
 Delta R.T. -0.02 min
 Lab File: BP001158.D
 Acq: 03 Dec 2019 16:41

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	6.1	4.6	6.8





#75

Fluoranthene

Concen: 43.425 ng

RT: 17.36 min Scan# 2597

Delta R.T. -0.01 min

Lab File: BP001158.D

Acq: 03 Dec 2019 16:41

Instrument :

BNA_P

ClientSampleId :

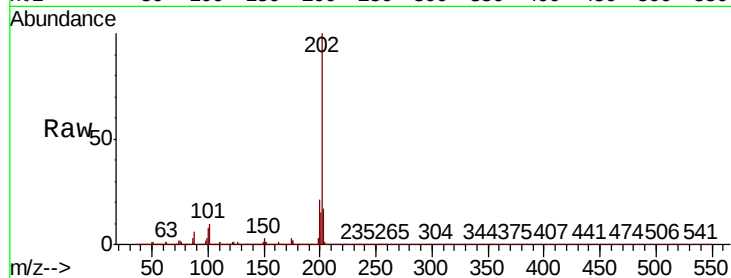
Tot Ion:202 Resp: 1156329

Ion Ratio Lower Upper

202 100

101 10.5 0.0 32.1

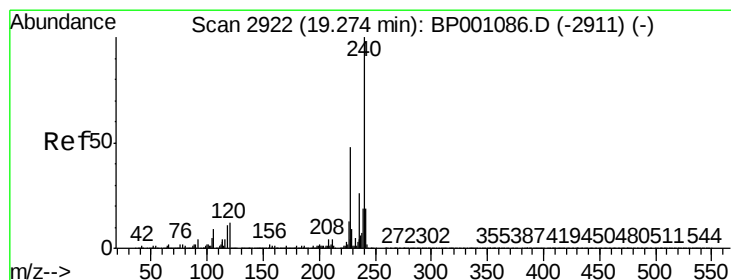
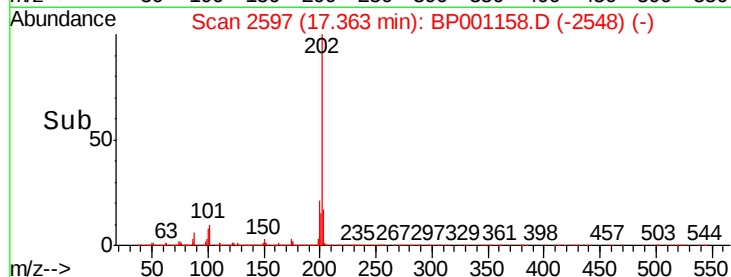
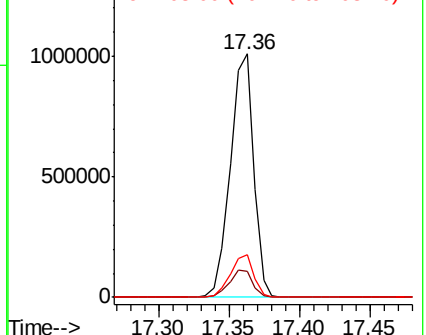
203 17.3 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.26 min Scan# 2920

Delta R.T. -0.01 min

Lab File: BP001158.D

Acq: 03 Dec 2019 16:41

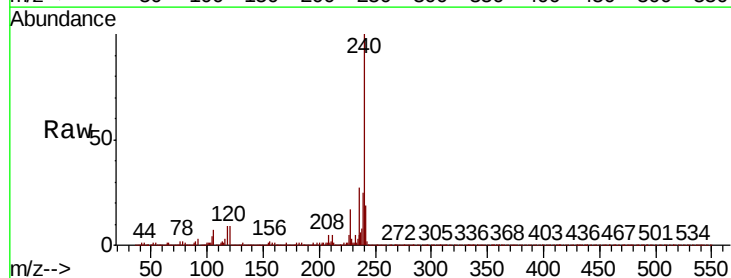
Tgt Ion:240 Resp: 374094

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

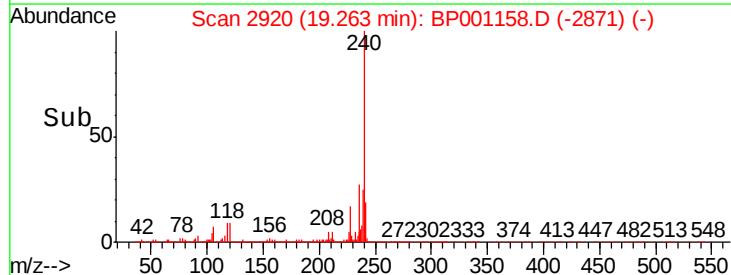
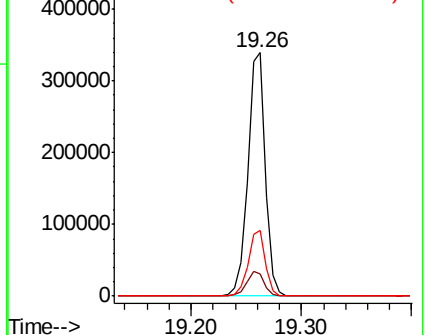
236 26.9 20.4 30.6

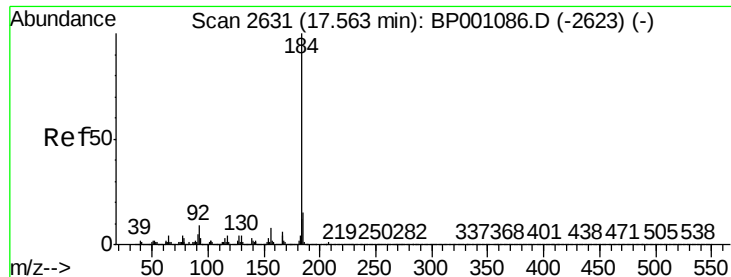


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 11.694 ng

RT: 17.54 min Scan# 2628

Delta R.T. -0.02 min

Lab File: BP001158.D

Acq: 03 Dec 2019 16:41

Instrument :

BNA_P

ClientSampleId :

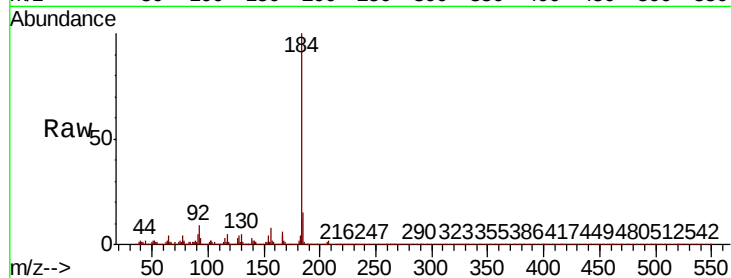
Tot Ion:184 Resp: 112946

Ion Ratio Lower Upper

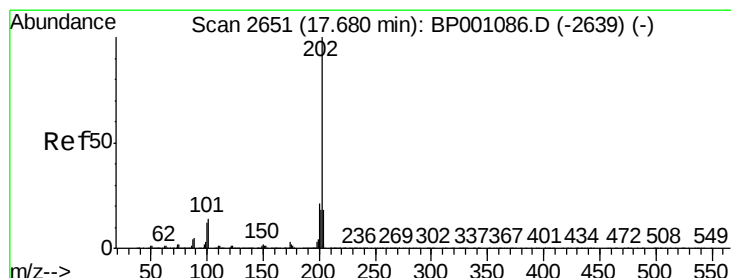
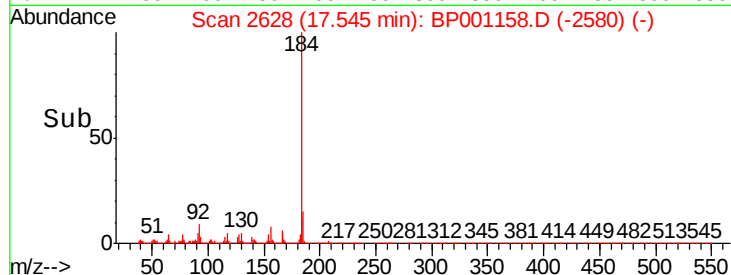
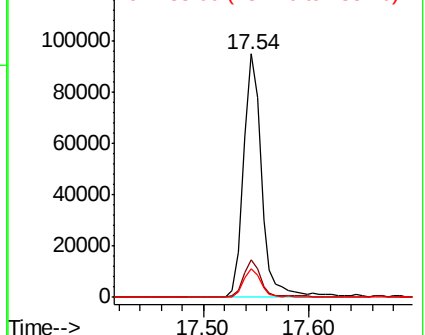
184 100

185 15.3 12.2 18.4

183 11.8 9.3 13.9



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



#78

Pyrene

Concen: 40.318 ng

RT: 17.67 min Scan# 2649

Delta R.T. -0.01 min

Lab File: BP001158.D

Acq: 03 Dec 2019 16:41

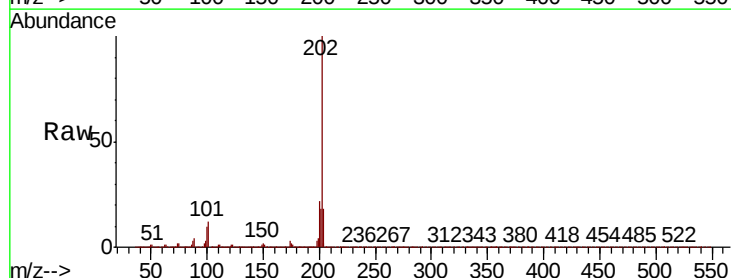
Tgt Ion:202 Resp: 1187940

Ion Ratio Lower Upper

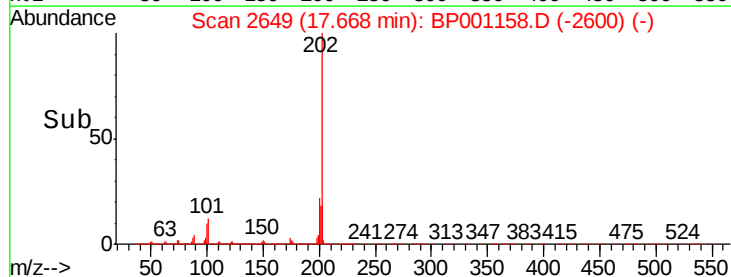
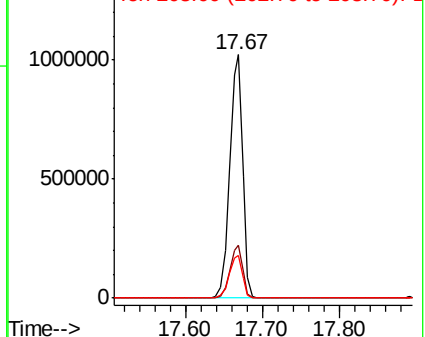
202 100

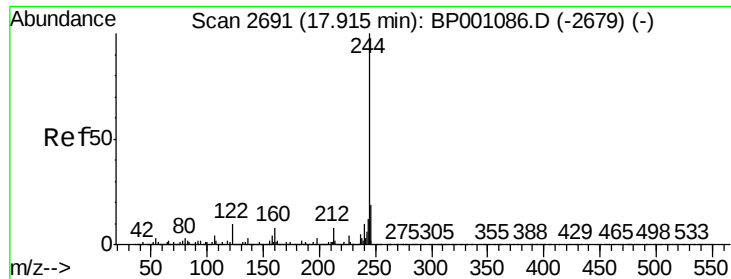
200 21.7 17.0 25.6

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: 61.814 ng

RT: 17.90 min Scan# 2688

Delta R.T. -0.02 min

Lab File: BP001158.D

Acq: 03 Dec 2019 16:41

Instrument :

BNA_P

ClientSampled :

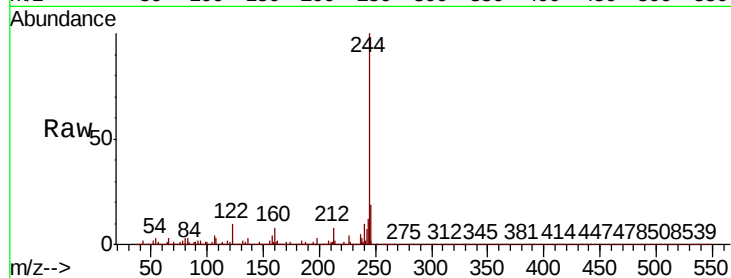
Tot Ion:244 Resp: 1249894

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

122 10.0 8.2 12.2

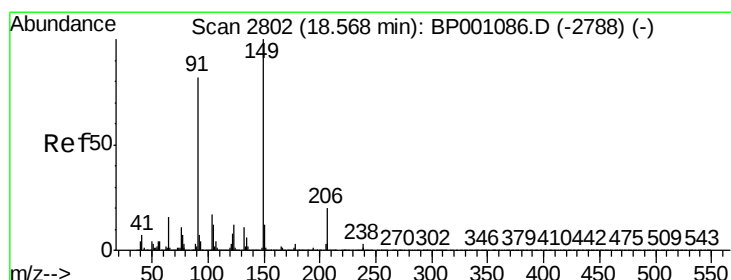
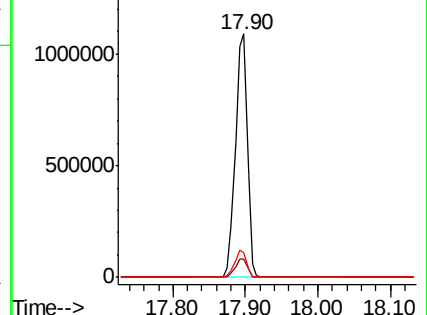
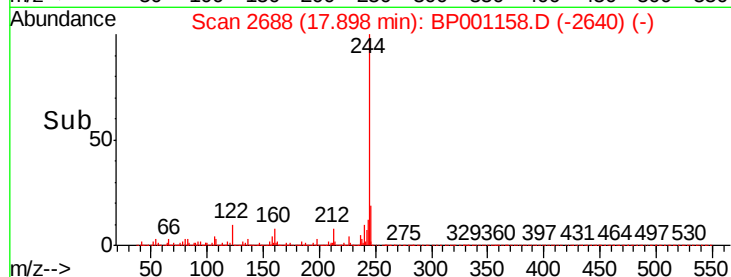


Abundance

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: 37.720 ng

RT: 18.55 min Scan# 2799

Delta R.T. -0.02 min

Lab File: BP001158.D

Acq: 03 Dec 2019 16:41

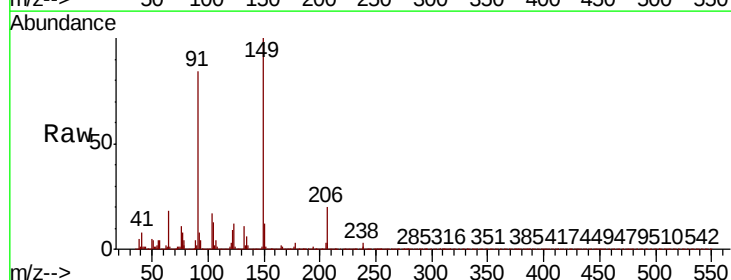
Tgt Ion:149 Resp: 513331

Ion Ratio Lower Upper

149 100

91 84.2 65.4 98.2

206 19.8 16.0 24.0

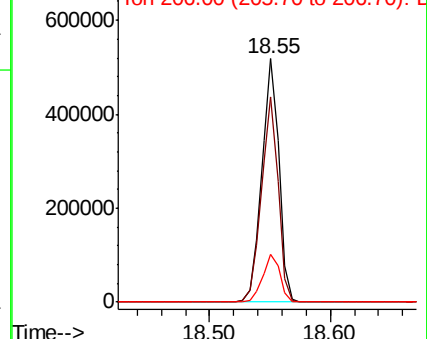
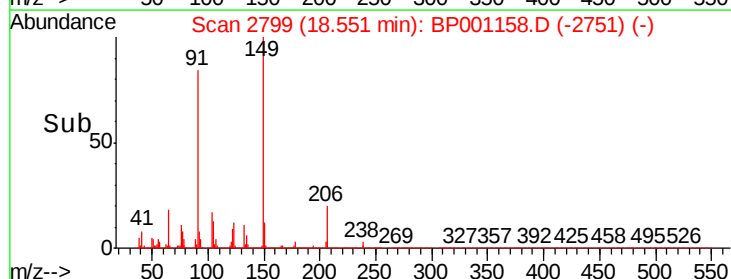


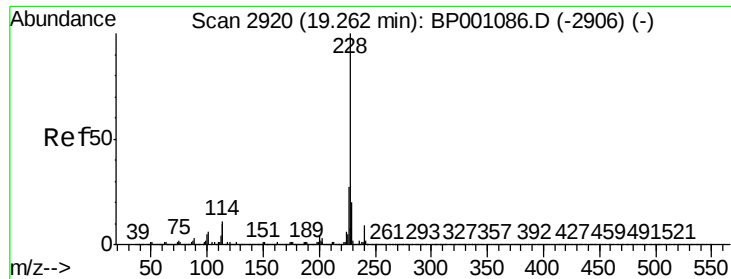
Abundance

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

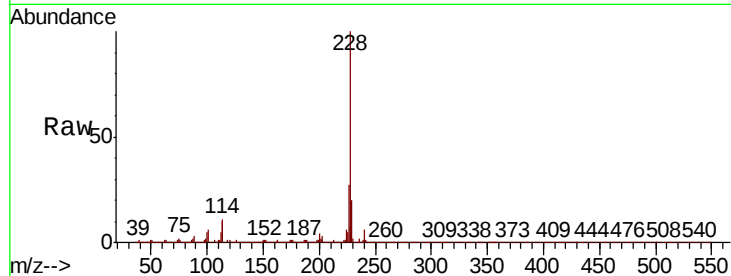




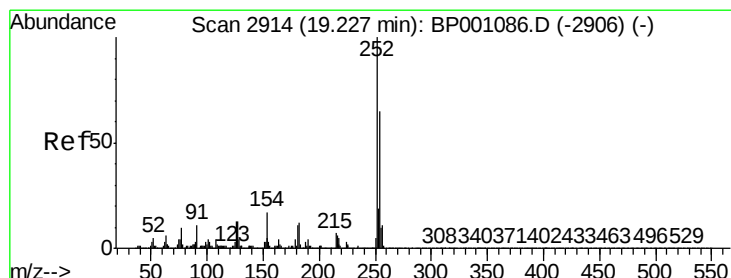
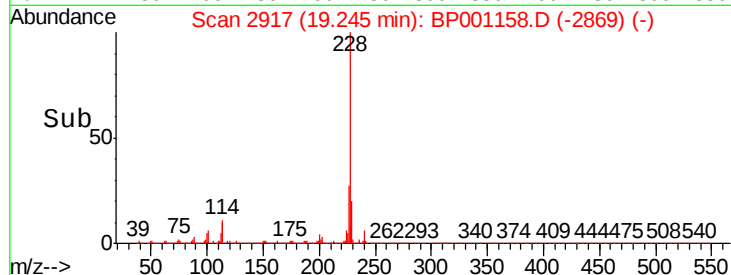
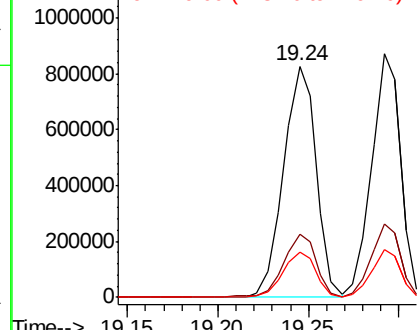
#81
Benzo(a)anthracene
Concen: 40.112 ng
RT: 19.24 min Scan# 2917
Delta R.T. -0.02 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

Instrument :
BNA_P
ClientSampleId :

Tot Ion:228 Resp: 1040407
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.6
229 19.5 15.8 23.6

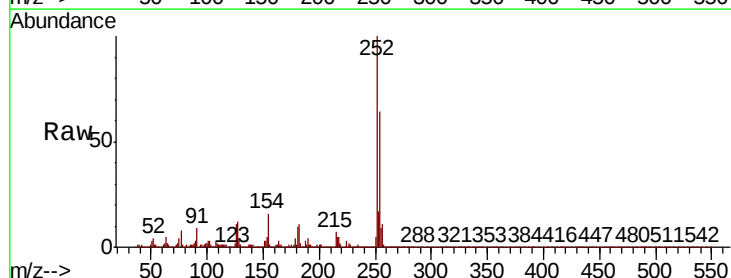


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

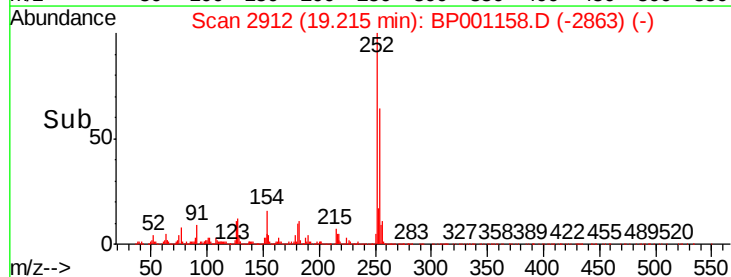
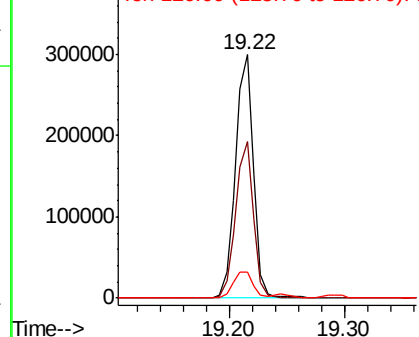


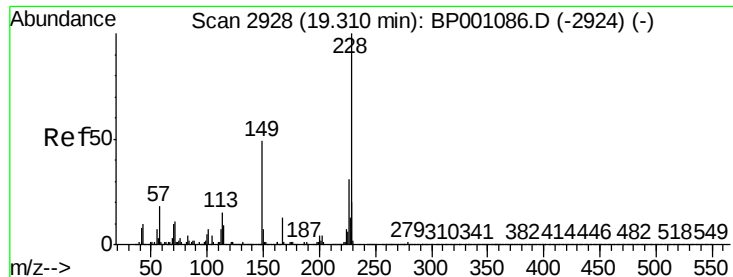
#82
3,3'-Dichlorobenzidine
Concen: 37.675 ng
RT: 19.22 min Scan# 2912
Delta R.T. -0.01 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

Tgt Ion:252 Resp: 322821
Ion Ratio Lower Upper
252 100
254 64.3 51.7 77.5
126 10.6 10.2 15.4



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

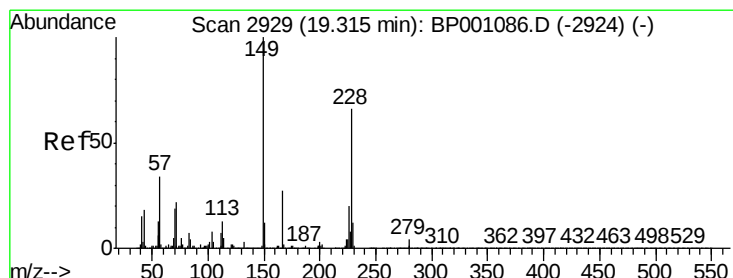
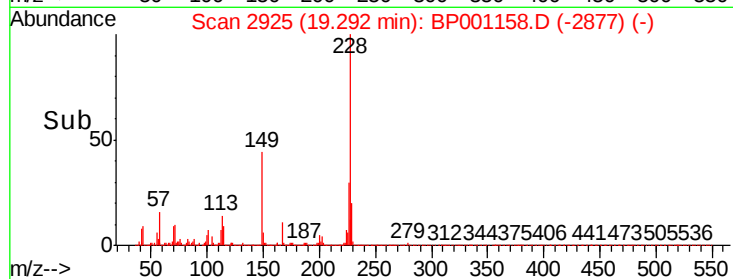
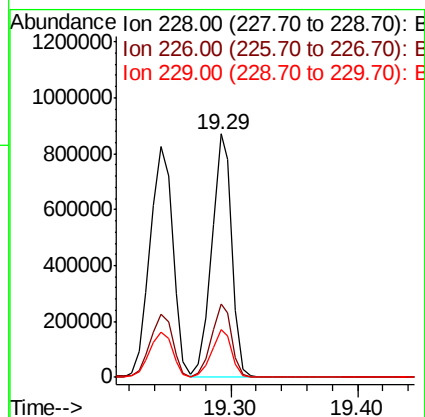
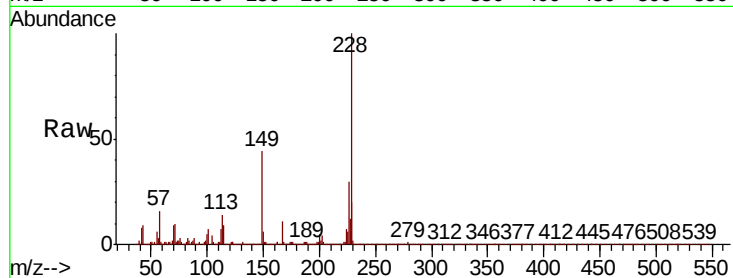




#83
 Chrysene
 Concen: 41.609 ng
 RT: 19.29 min Scan# 2925
 Delta R.T. -0.02 min
 Lab File: BP001158.D
 Acq: 03 Dec 2019 16:41

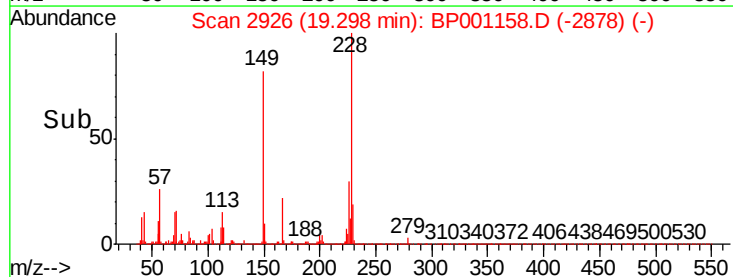
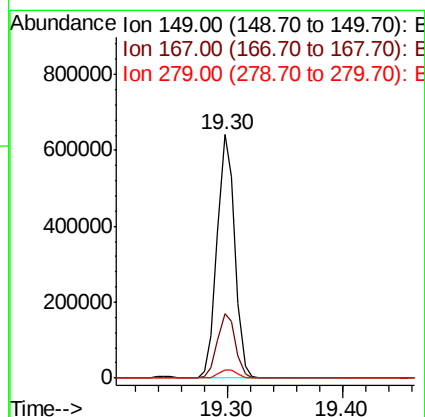
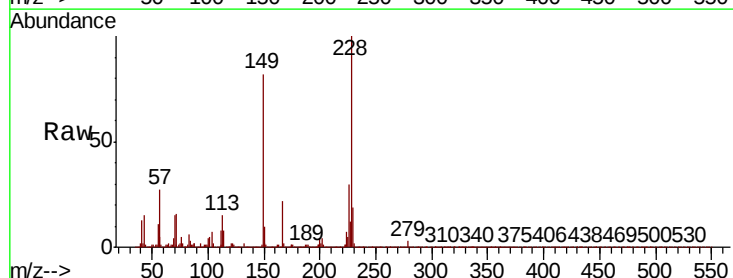
Instrument :
 BNA_P
 ClientSampled :

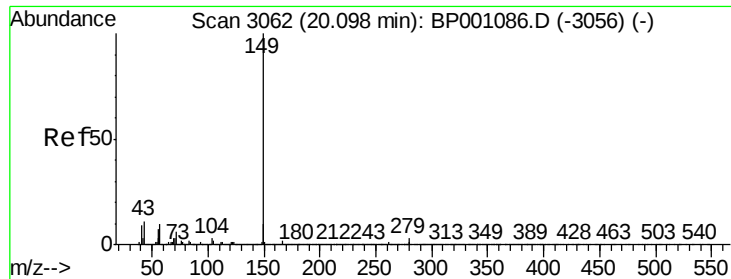
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.4	36.6
229	19.8	15.7	23.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.293 ng
 RT: 19.30 min Scan# 2926
 Delta R.T. -0.02 min
 Lab File: BP001158.D
 Acq: 03 Dec 2019 16:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.3	31.9
279	3.4	2.8	4.2





#85

Di-n-octyl phthalate

Concen: 36.583 ng

RT: 20.08 min Scan# 3059

Delta R.T. -0.02 min

Lab File: BP001158.D

Acq: 03 Dec 2019 16:41

Instrument :

BNA_P

ClientSampled :

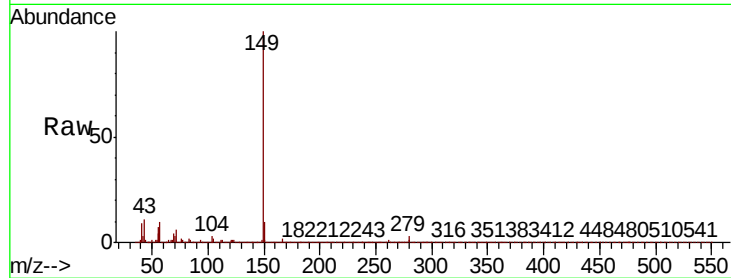
Tot Ion:149 Resp: 1215949

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

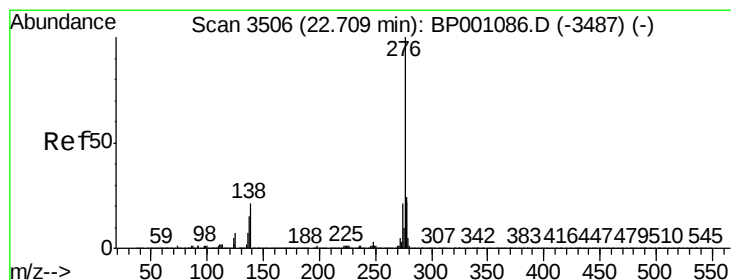
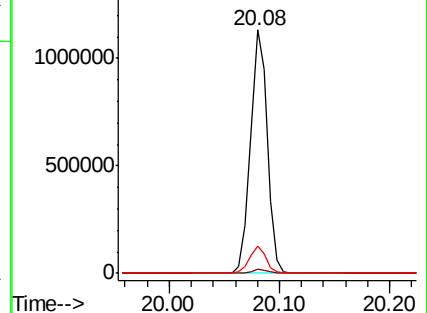
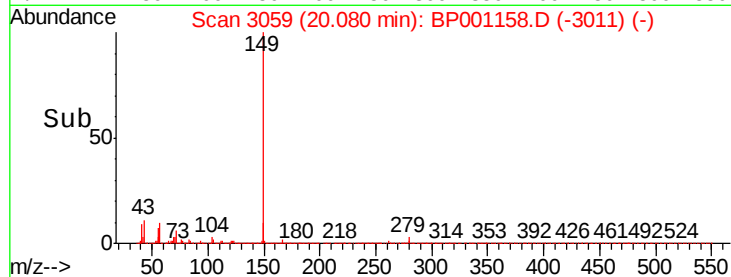
43 11.2 8.5 12.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.521 ng

RT: 22.68 min Scan# 3501

Delta R.T. -0.03 min

Lab File: BP001158.D

Acq: 03 Dec 2019 16:41

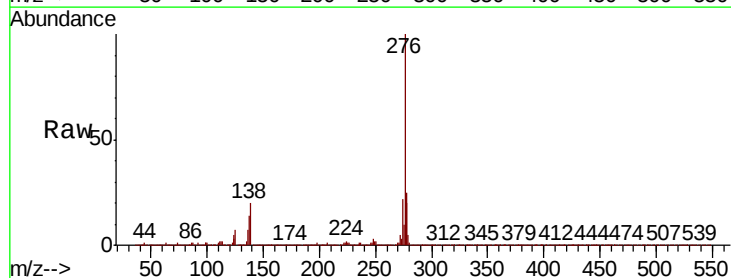
Tgt Ion:276 Resp: 1054417

Ion Ratio Lower Upper

276 100

138 23.6 20.6 30.8

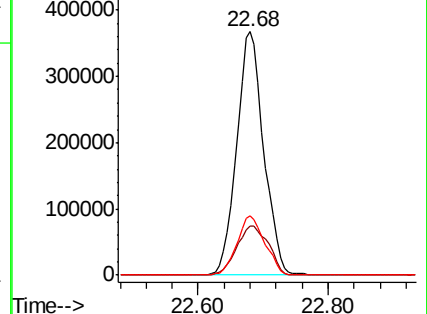
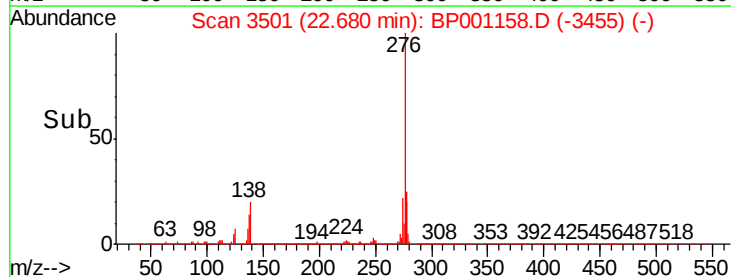
277 25.3 20.0 30.0

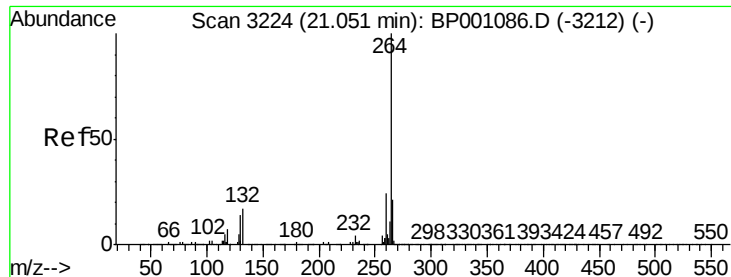


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

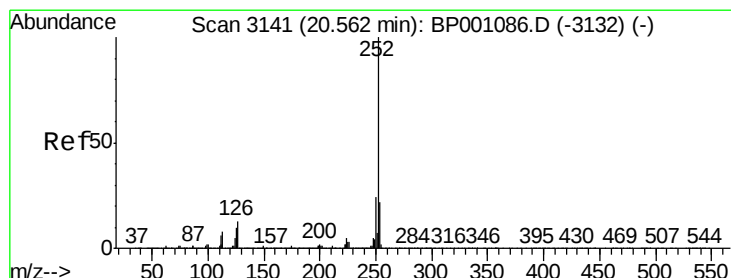
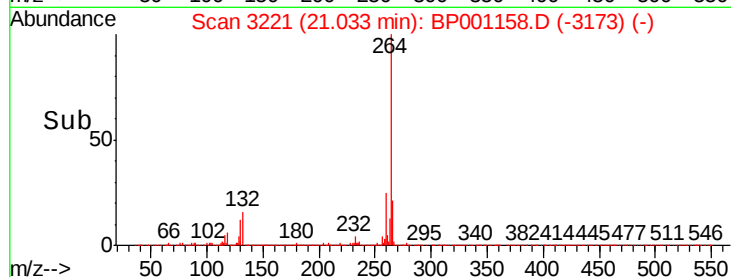
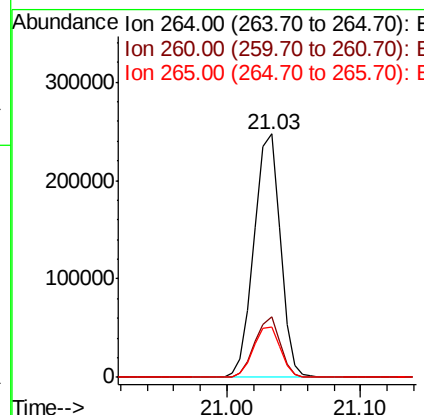
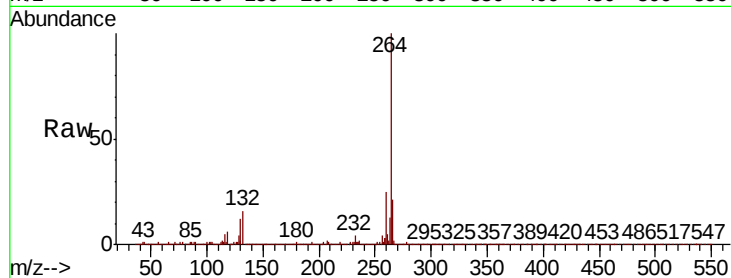




#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.03 min Scan# 3221
Delta R.T. -0.02 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

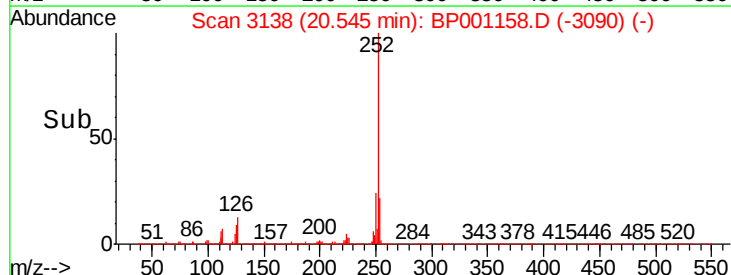
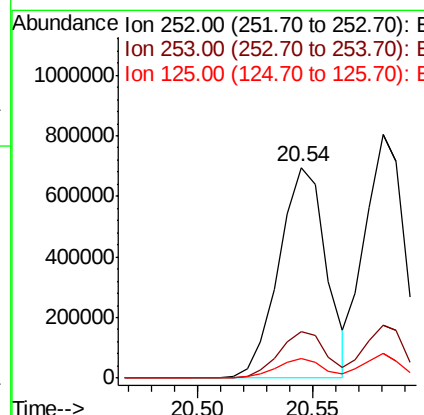
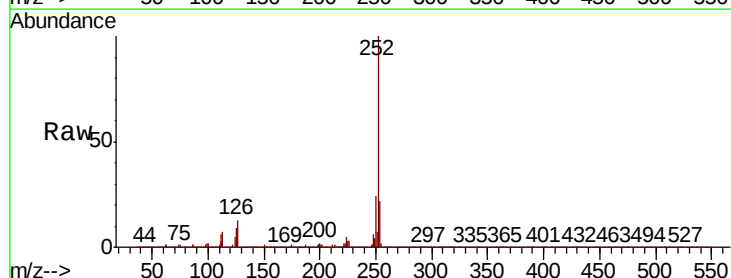
Instrument :
BNA_P
ClientSampleId :

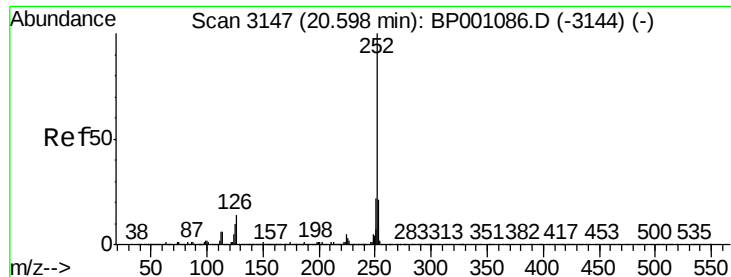
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.8	28.2
265	20.8	16.9	25.3



#88
Benzo(b)fluoranthene
Concen: 48.142 ng
RT: 20.54 min Scan# 3138
Delta R.T. -0.02 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	9.4	8.1	12.1

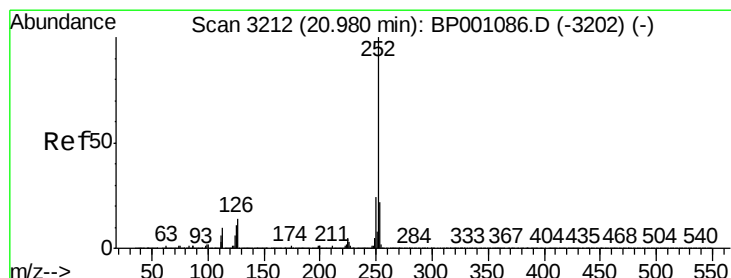
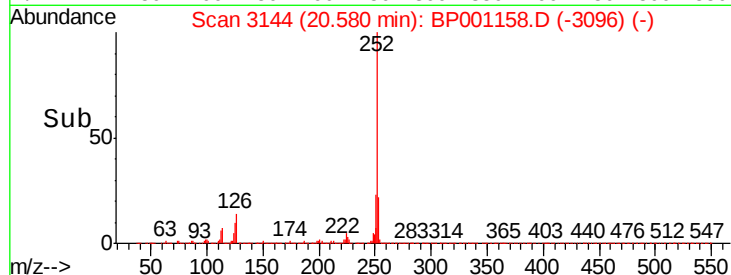
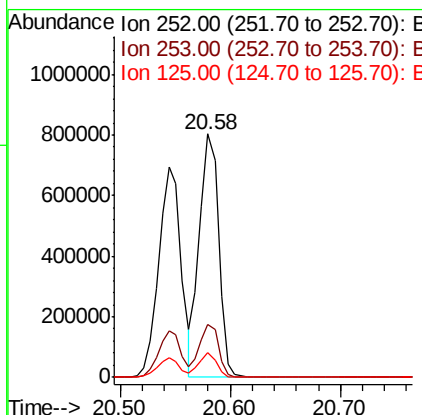
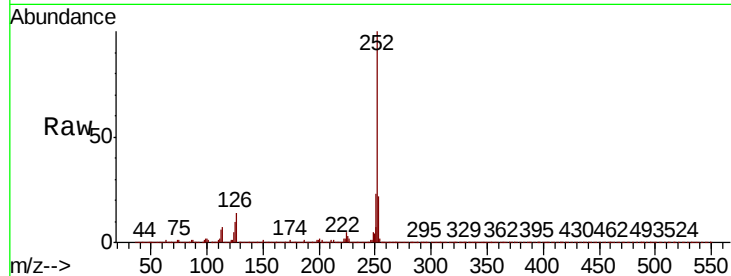




#89
Benzo(k)fluoranthene
Concen: 48.112 ng
RT: 20.58 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

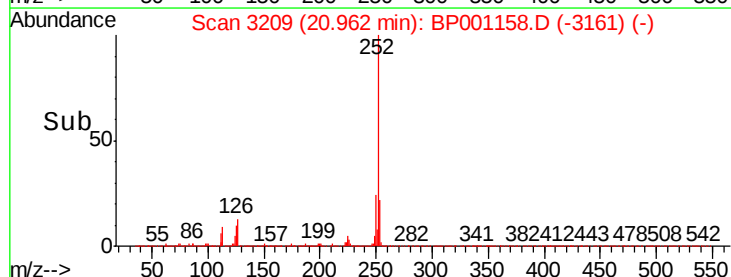
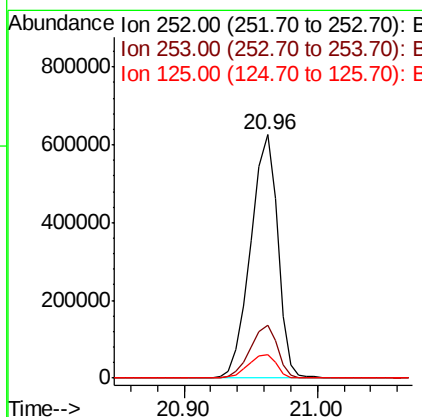
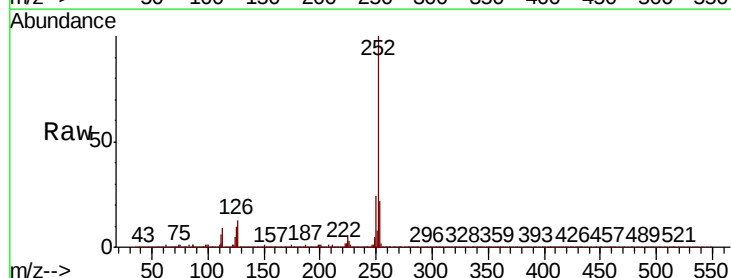
Instrument :
BNA_P
ClientSampled :

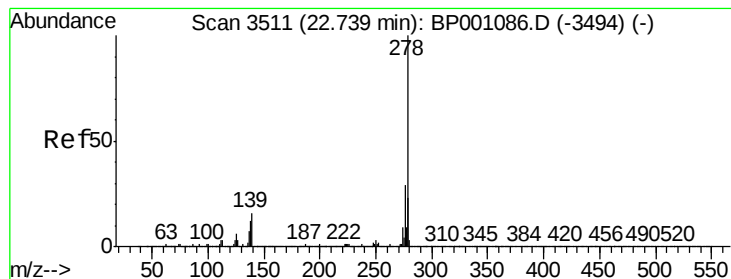
Tot Ion:252 Resp: 950866
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 9.9 8.2 12.2



#90
Benzo(a)pyrene
Concen: 46.228 ng
RT: 20.96 min Scan# 3209
Delta R.T. -0.02 min
Lab File: BP001158.D
Acq: 03 Dec 2019 16:41

Tgt Ion:252 Resp: 873748
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 9.7 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 48.086 ng

RT: 22.71 min Scan# 3506

Delta R.T. -0.03 min

Lab File: BP001158.D

Acq: 03 Dec 2019 16:41

Instrument :

BNA_P

ClientSampleId :

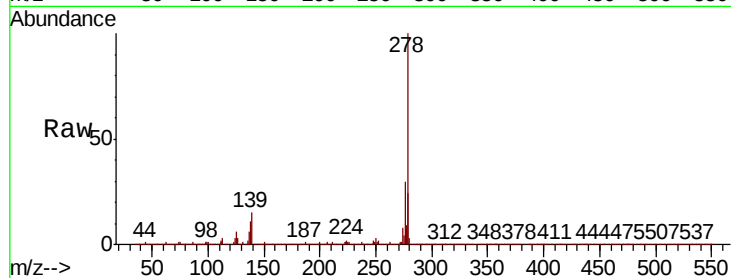
Tot Ion:278 Resp: 889421

Ion Ratio Lower Upper

278 100

139 14.7 13.0 19.4

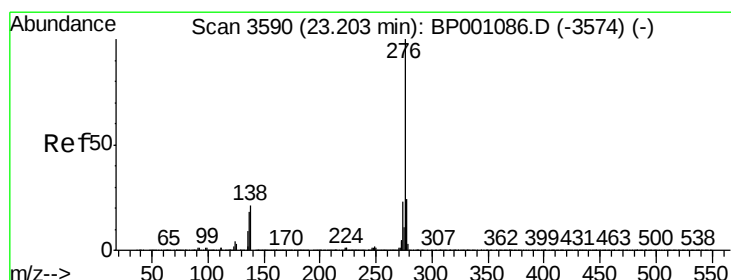
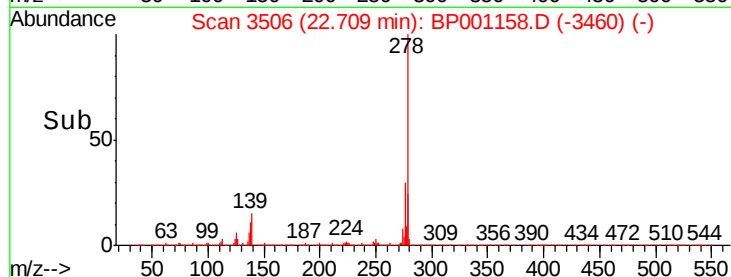
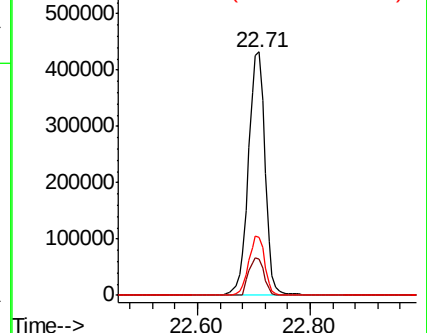
279 23.8 18.7 28.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.398 ng

RT: 23.17 min Scan# 3585

Delta R.T. -0.03 min

Lab File: BP001158.D

Acq: 03 Dec 2019 16:41

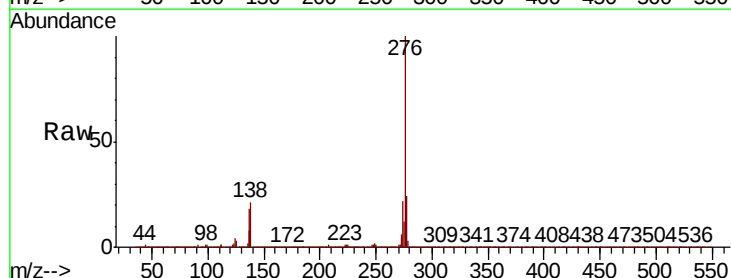
Tgt Ion:276 Resp: 902223

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 20.9 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

