

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121919\
 Data File : BP001331.D
 Acq On : 19 Dec 2019 18:49
 Operator : JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 20 02:42:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 20 02:37:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	48480	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	157014	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	90159	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	180720	20.00	ng	0.00
76) Chrysene-d12	19.25	240	150511	20.00	ng	0.00
87) Perylene-d12	21.02	264	158788	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.20	112	453570	155.22	ng	0.00
7) Phenol-d6	7.76	99	587506	150.92	ng	0.01
23) Nitrobenzene-d5	9.20	82	648072	179.07	ng	0.01
42) 2,4,6-Tribromophenol	14.50	330	182193	210.83	ng	0.01
45) 2-Fluorobiphenyl	12.13	172	1159369	188.20	ng	0.01
79) Terphenyl-d14	17.89	244	1413528	173.75	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.52	88	91710	67.192	ng	97
3) Pyridine	3.36	79	254201	67.117	ng	98
4) n-Nitrosodimethylamine	3.29	42	163950	100.036	ng	96
6) Aniline	7.79	93	367725	71.243	ng	85
8) 2-Chlorophenol	7.97	128	224321	74.197	ng	96
9) Benzaldehyde	7.60	77	176038	69.573	ng	98
10) Phenol	7.79	94	338939	76.542	ng	97
11) bis(2-Chloroethyl)ether	7.92	93	232906	67.544	ng	99
12) 1,3-Dichlorobenzene	8.21	146	282332	78.788	ng	99
13) 1,4-Dichlorobenzene	8.33	146	287104	79.534	ng	96
14) 1,2-Dichlorobenzene	8.57	146	275051	80.961	ng	99
15) Benzyl Alcohol	8.55	79	278341	87.100	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.78	45	370369	66.809	ng	100
17) 2-Methylphenol	8.73	107	195250	70.404	ng	98
18) Hexachloroethane	9.11	117	122101	81.766	ng	96
19) n-Nitroso-di-n-propylamine	8.99	70	205465	73.143	ng	97
20) 3+4-Methylphenols	8.98	107	264040	75.529	ng	97
22) Acetophenone	8.96	105	395729	85.751	ng	# 99
24) Nitrobenzene	9.23	77	317894	88.336	ng	99
25) Isophorone	9.62	82	518081	79.832	ng	98
26) 2-Nitrophenol	9.73	139	115278	87.454	ng	97
27) 2,4-Dimethylphenol	9.83	122	166315	79.655	ng	99
28) bis(2-Chloroethoxy)methane	9.99	93	306160	75.192	ng	98
29) 2,4-Dichlorophenol	10.12	162	206638	86.954	ng	99
30) 1,2,4-Trichlorobenzene	10.26	180	253868	91.464	ng	98
31) Naphthalene	10.38	128	682158	85.067	ng	100
32) Benzoic acid	10.05	122	143501	95.067	ng	97
33) 4-Chloroaniline	10.48	127	275052	79.040	ng	99
34) Hexachlorobutadiene	10.60	225	178972	102.502	ng	99
35) Caprolactam	11.09	113	62677	76.527	ng	90
36) 4-Chloro-3-methylphenol	11.29	107	239361	84.955	ng	98
37) 2-Methylnaphthalene	11.51	142	468720	85.660	ng	100
38) 1-Methylnaphthalene	11.67	142	440444	85.209	ng	98
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	268332	94.440	ng	99

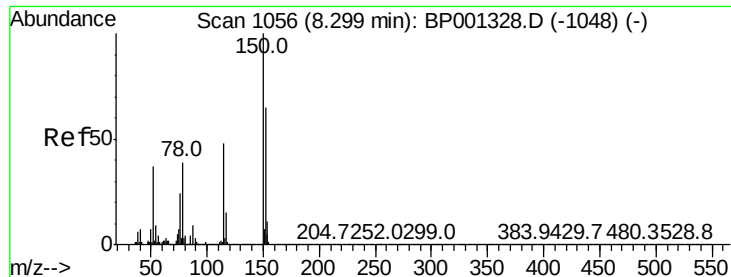
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121919\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.77	237	144591	110.309	ng	99
43) 2,4,6-Trichlorophenol	11.97	196	166999	90.017	ng	99
44) 2,4,5-Trichlorophenol	12.03	196	169619	88.243	ng	98
46) 1,1'-Biphenyl	12.28	154	604086	86.697	ng	98
47) 2-Chloronaphthalene	12.30	162	487918	87.665	ng	100
48) 2-Nitroaniline	12.47	65	197352	90.473	ng	97
49) Acenaphthylene	12.97	152	715769	85.795	ng	100
50) Dimethylphthalate	12.81	163	586587	86.992	ng	99
51) 2,6-Dinitrotoluene	12.89	165	123015	85.223	ng	95
52) Acenaphthene	13.26	154	430523	85.788	ng	100
53) 3-Nitroaniline	13.15	138	127281	78.497	ng	98
54) 2,4-Dinitrophenol	13.32	184	57283	113.168	ng	96
55) Dibenzofuran	13.55	168	674501	89.442	ng	98
56) 4-Nitrophenol	13.45	139	95669	83.264	ng	99
57) 2,4-Dinitrotoluene	13.55	165	173679	95.992	ng	95
58) Fluorene	14.11	166	542524	89.781	ng	99
59) 2,3,4,6-Tetrachlorophenol	13.68	232	143467	90.798	ng	98
60) Diethylphthalate	13.97	149	613614	87.886	ng	99
61) 4-Chlorophenyl-phenylether	14.13	204	286066	92.966	ng	95
62) 4-Nitroaniline	12.47	138	149816	79.693	ng	97
63) Azobenzene	14.39	77	636876	84.388	ng	99
65) 4,6-Dinitro-2-methylphenol	14.21	198	70250	97.342	ng	94
66) n-Nitrosodiphenylamine	14.33	169	453607	82.608	ng	99
67) 4-Bromophenyl-phenylether	14.92	248	168649	85.957	ng	98
68) Hexachlorobenzene	15.01	284	193036	89.493	ng	96
69) Atrazine	15.22	200	156562	93.381	ng	99
70) Pentachlorophenol	15.32	266	106505	94.736	ng	92
71) Phenanthrene	15.65	178	823365	86.660	ng	100
72) Anthracene	15.72	178	816094	87.146	ng	100
73) Carbazole	15.97	167	722231	84.755	ng	99
74) Di-n-butylphthalate	16.52	149	1001155	87.382	ng	99
75) Fluoranthene	17.36	202	922225	91.688	ng	98
77) Benzidine	17.54	184	324104	83.401	ng	# 92
78) Pyrene	17.66	202	933835	78.774	ng	99
80) Butylbenzylphthalate	18.55	149	435998	79.628	ng	99
81) Benzo(a)anthracene	19.24	228	867084	83.090	ng	99
82) 3,3'-Dichlorobenzidine	19.21	252	289251	83.902	ng	97
83) Chrysene	19.29	228	834185	89.269	ng	99
84) Bis(2-ethylhexyl)phthalate	19.29	149	643701	85.507	ng	99
85) Di-n-octyl phthalate	20.07	149	1054667	78.866	ng	100
86) Indeno(1,2,3-cd)pyrene	22.68	276	902380	81.938	ng	100
88) Benzo(b)fluoranthene	20.55	252	822283	84.782	ng	98
89) Benzo(k)fluoranthene	20.58	252	799441	85.581	ng	99
90) Benzo(a)pyrene	20.96	252	759404	85.006	ng	98
91) Dibenzo(a,h)anthracene	22.70	278	748283	85.592	ng	98
92) Benzo(g,h,i)perylene	23.17	276	709316	82.166	ng	# 96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.30 min Scan# 1057

Delta R.T. 0.01 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

Instrument :

BNA_P

ClientSampleId :

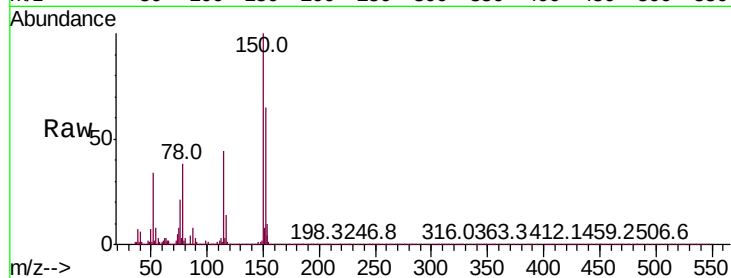
Tot Ion:152 Resp: 48480

Ion Ratio Lower Upper

152 100

150 154.9 124.0 186.0

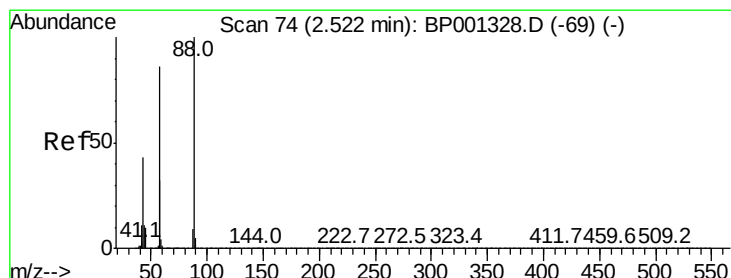
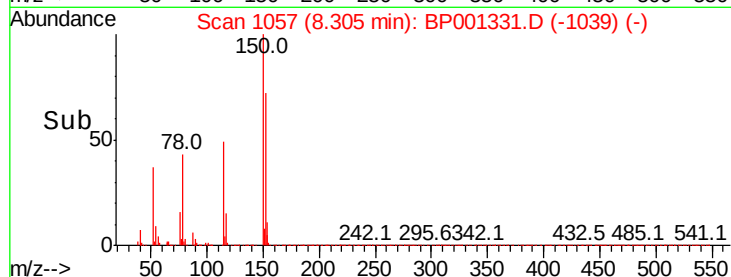
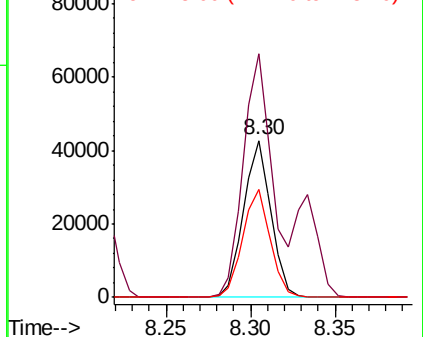
115 68.6 59.3 88.9



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: 67.192 ng

RT: 2.52 min Scan# 74

Delta R.T. 0.00 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

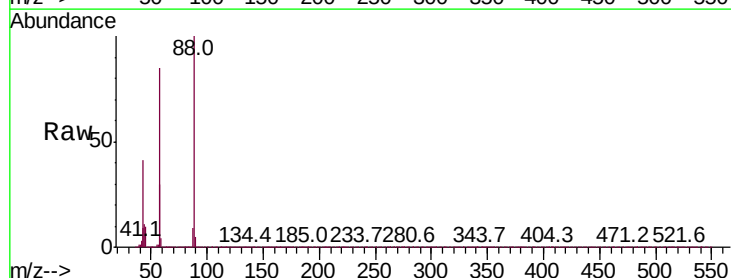
Tgt Ion: 88 Resp: 91710

Ion Ratio Lower Upper

88 100

58 84.2 69.6 104.4

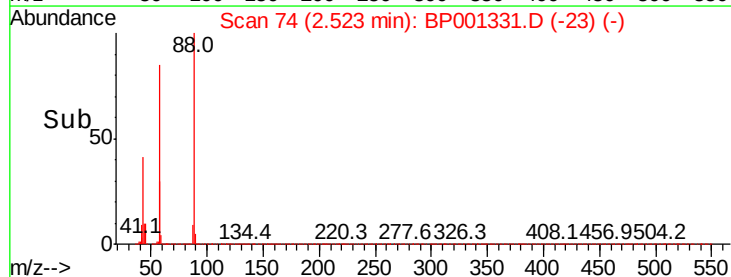
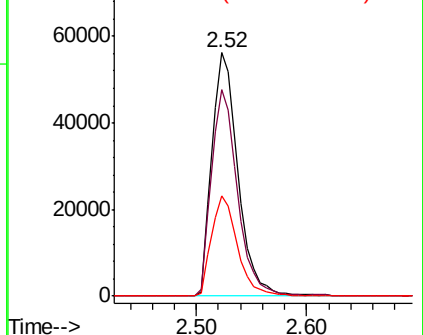
43 41.0 33.7 50.5

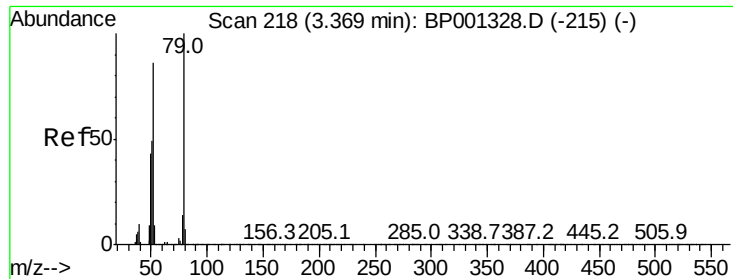


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 67.117 ng

RT: 3.36 min Scan# 216

Delta R.T. -0.01 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

Instrument :

BNA_P

ClientSampleId :

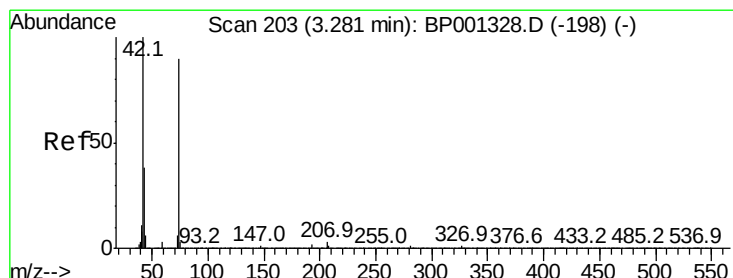
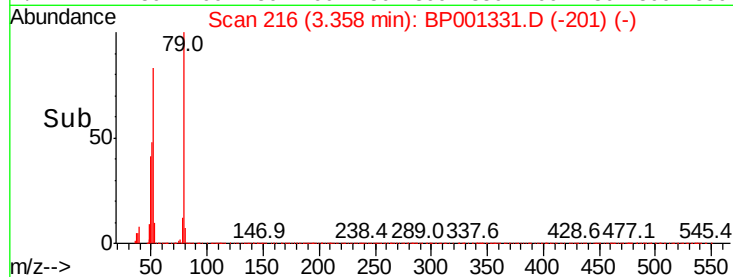
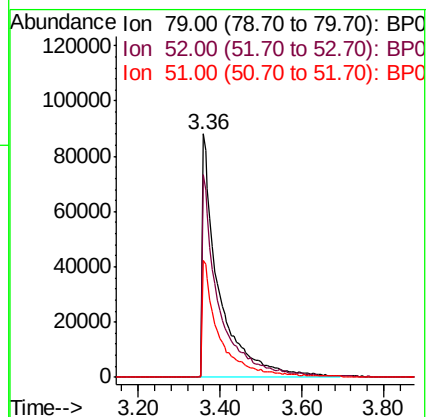
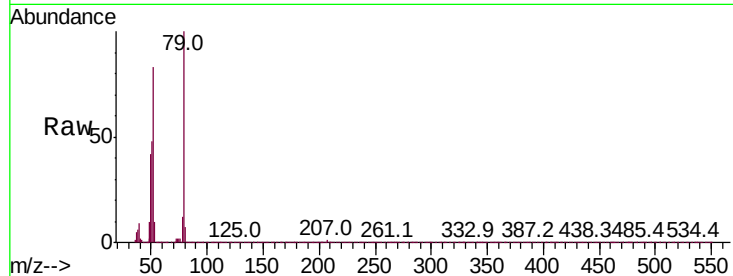
Tot Ion: 79 Resp: 254201

Ion Ratio Lower Upper

79 100

52 83.2 68.5 102.7

51 47.8 39.5 59.3



#4

n-Nitrosodimethylamine

Concen: 100.036 ng

RT: 3.29 min Scan# 205

Delta R.T. 0.01 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

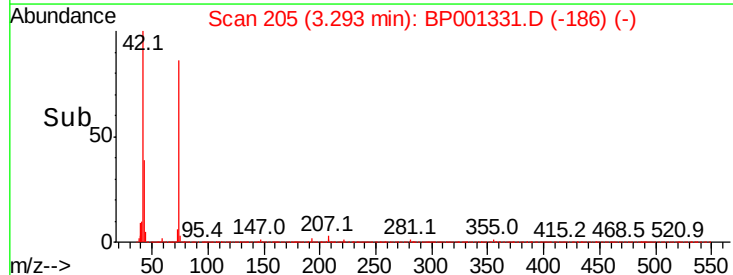
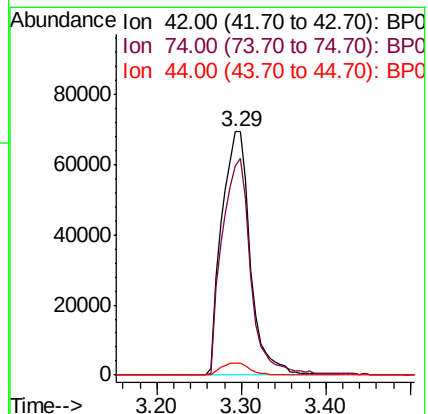
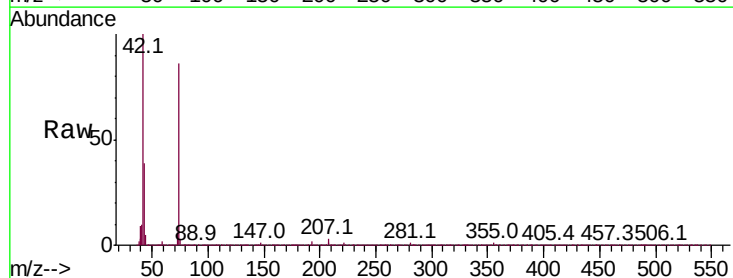
Tgt Ion: 42 Resp: 163950

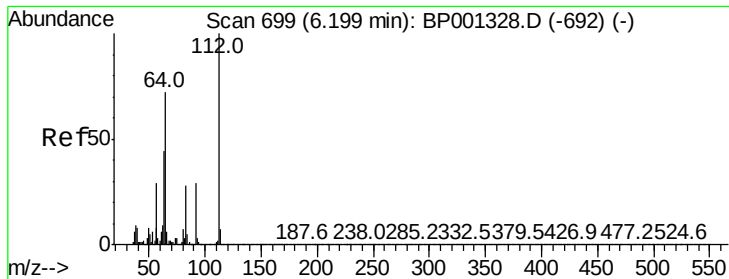
Ion Ratio Lower Upper

42 100

74 86.1 72.2 108.4

44 4.8 4.5 6.7





#5

2-Fluorophenol

Concen: 155.221 ng

RT: 6.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BP001331.D

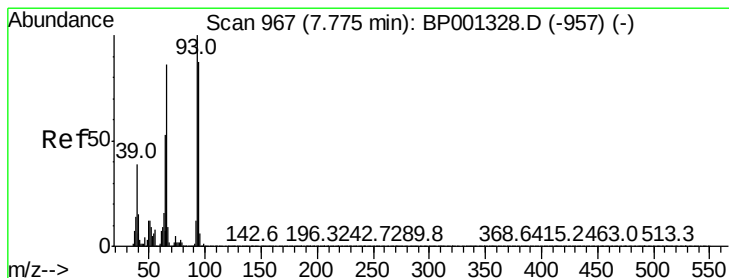
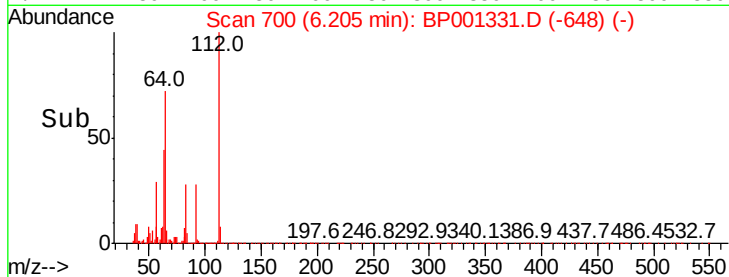
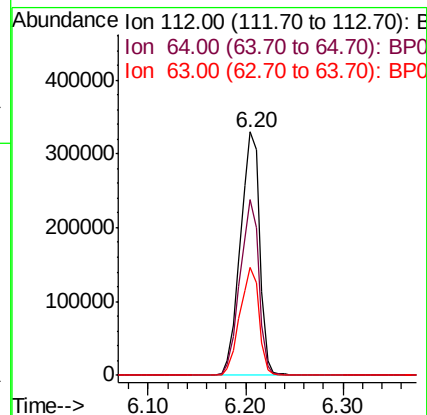
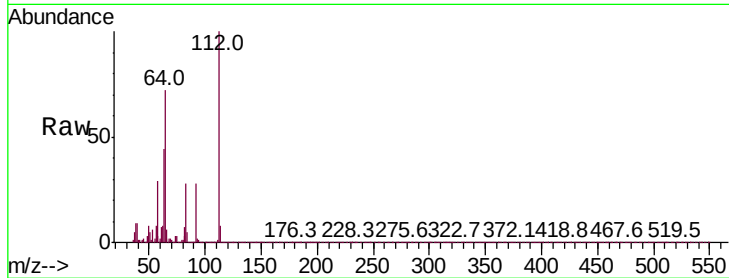
Acq: 19 Dec 2019 18:49

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	112	Resp:	453570
Ion Ratio	Lower	Upper	
112	100		
64	72.2	57.6	86.4
63	44.4	35.1	52.7



#6

Aniline

Concen: 71.243 ng

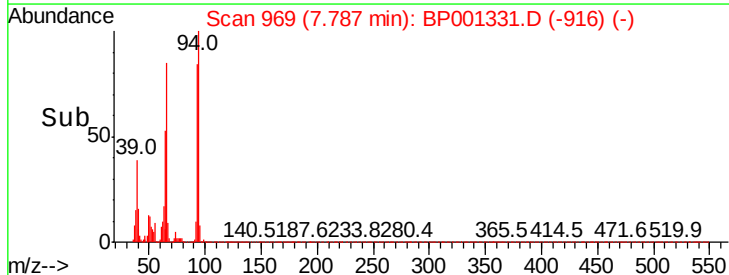
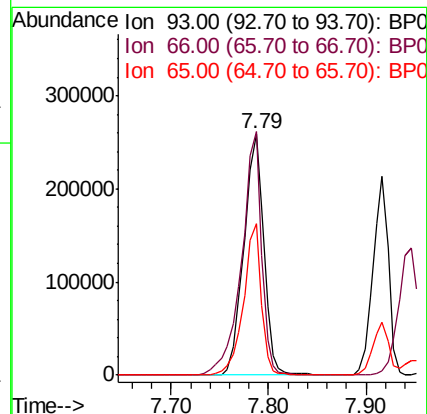
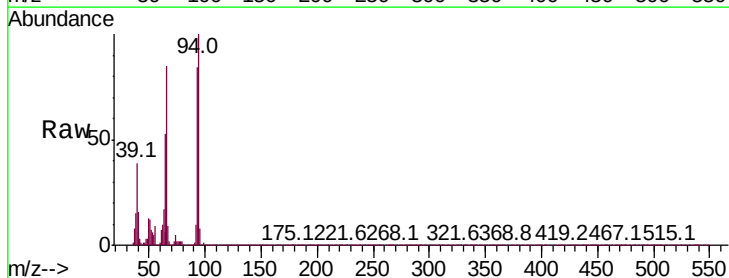
RT: 7.79 min Scan# 969

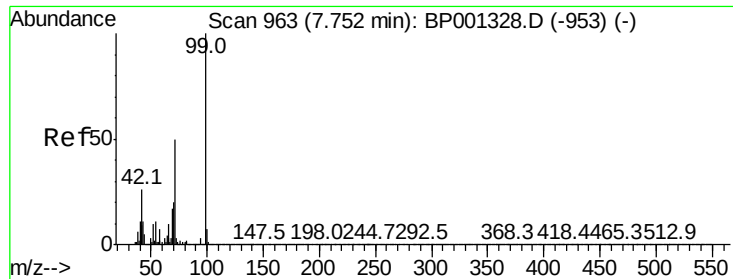
Delta R.T. 0.01 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

Tgt Ion:	93	Resp:	367725
Ion Ratio	Lower	Upper	
93	100		
66	101.0	69.0	103.6
65	63.1	42.2	63.4





#7

Phenol-d6

Concen: 150.915 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

Instrument :

BNA_P

ClientSampled :

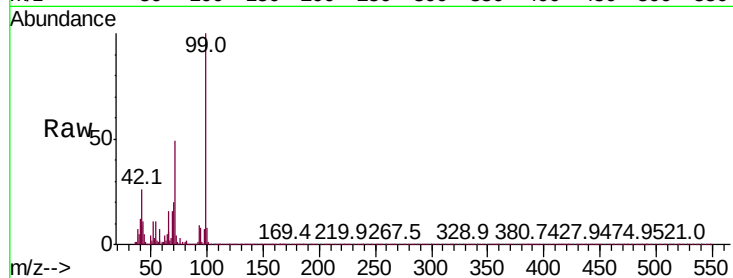
Tot Ion: 99 Resp: 587506

Ion Ratio Lower Upper

99 100

42 26.2 20.9 31.3

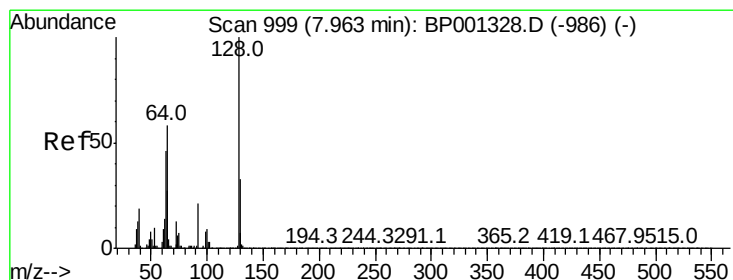
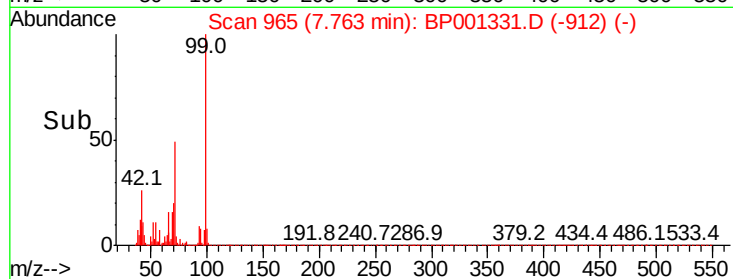
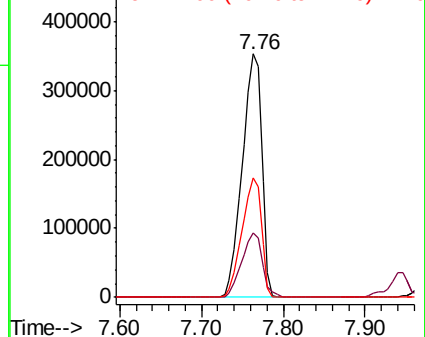
71 49.2 40.0 60.0



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: 74.197 ng

RT: 7.97 min Scan# 1000

Delta R.T. 0.01 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

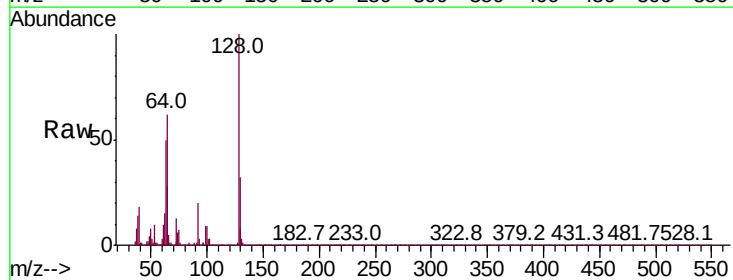
Tgt Ion: 128 Resp: 224321

Ion Ratio Lower Upper

128 100

130 31.9 13.5 53.5

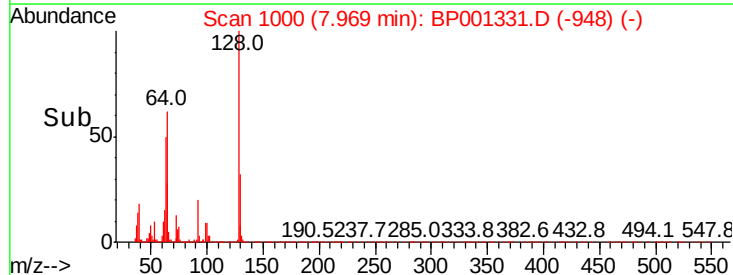
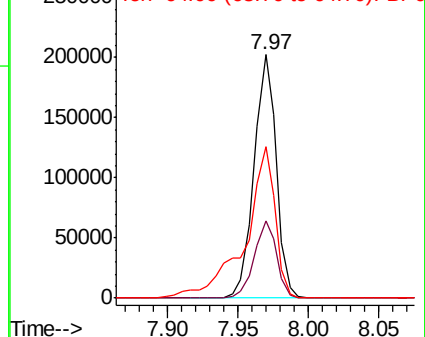
64 62.0 38.2 78.2

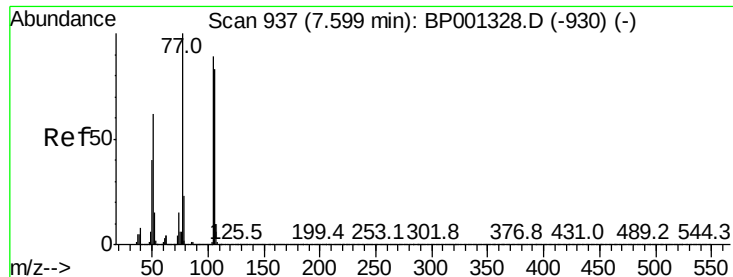


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 69.573 ng

RT: 7.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

Instrument :

BNA_P

ClientSampleId :

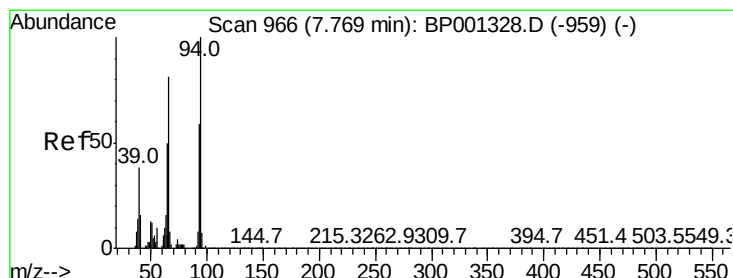
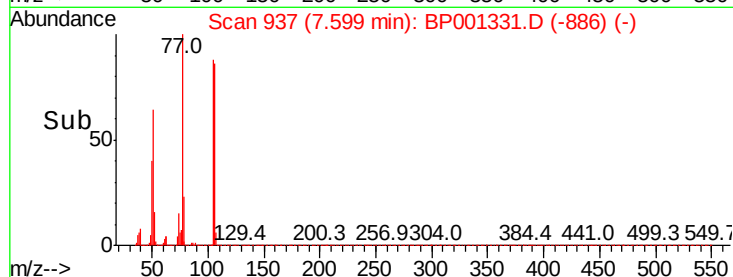
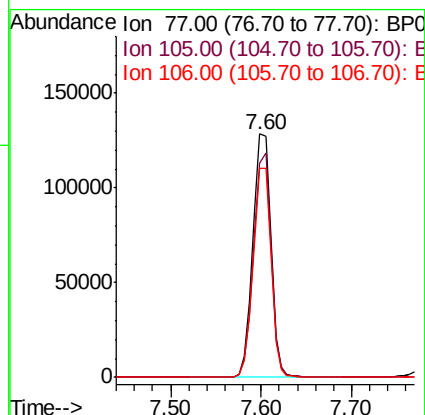
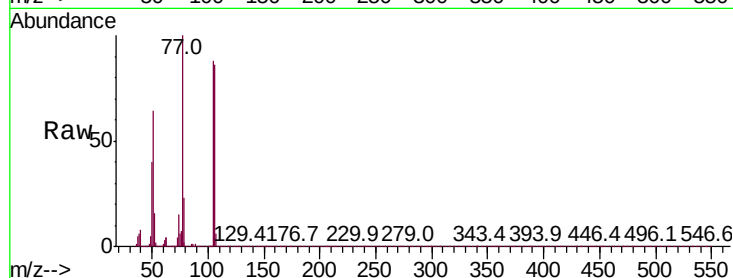
Tot Ion: 77 Resp: 176038

Ion Ratio Lower Upper

77 100

105 87.7 68.6 108.6

106 85.7 62.5 102.5



#10

Phenol

Concen: 76.542 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.02 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

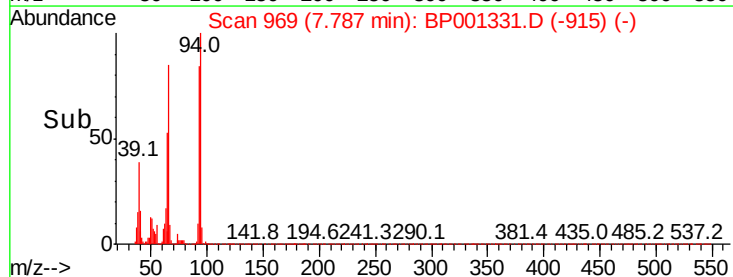
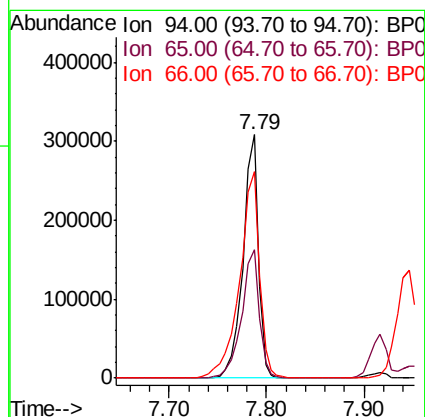
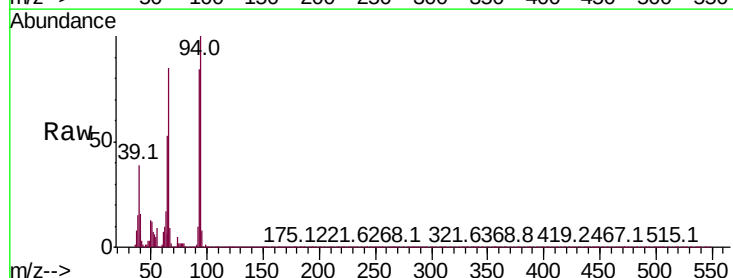
Tgt Ion: 94 Resp: 338939

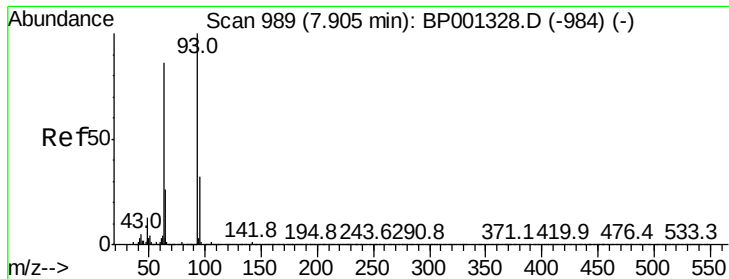
Ion Ratio Lower Upper

94 100

65 52.9 30.4 70.4

66 84.7 62.0 102.0

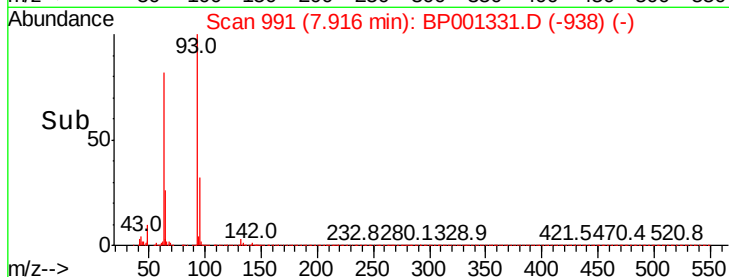
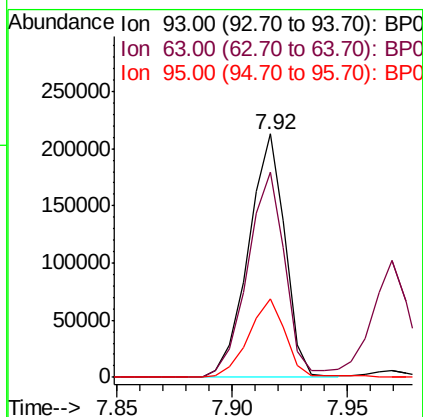
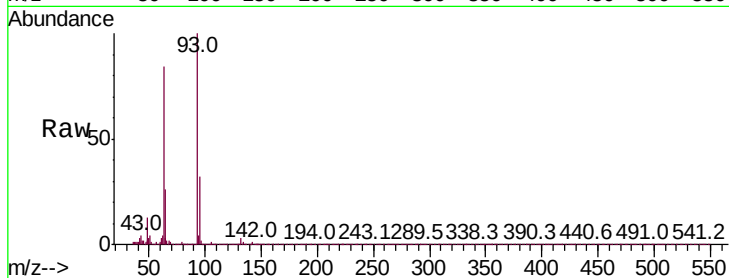




#11
bis(2-Chloroethyl)ether
Concen: 67.544 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.01 min
Lab File: BP001331.D
Acq: 19 Dec 2019 18:49

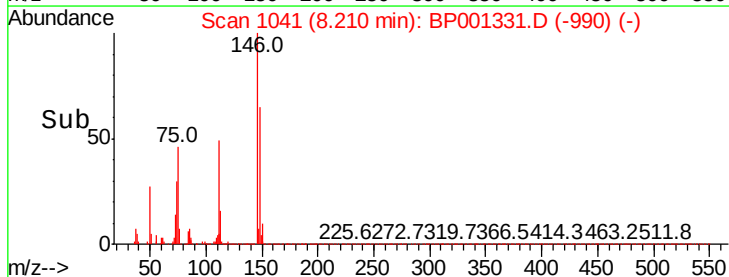
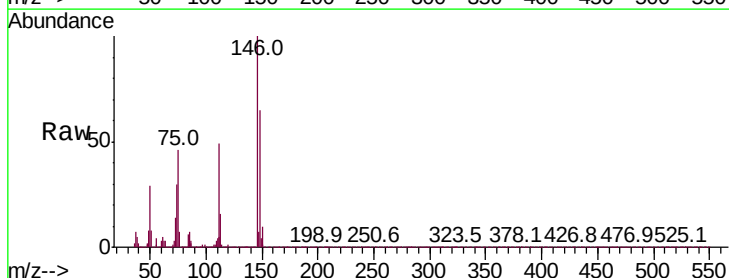
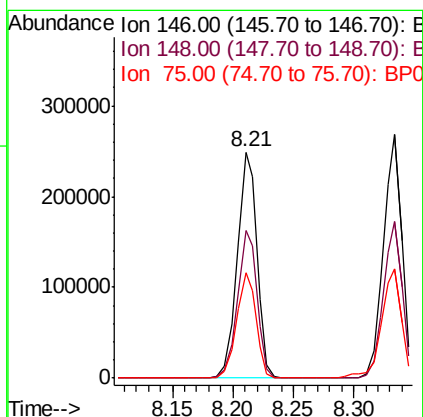
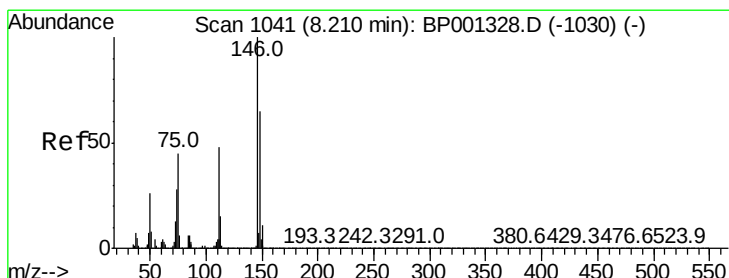
Instrument :
BNA_P
ClientSampleId :

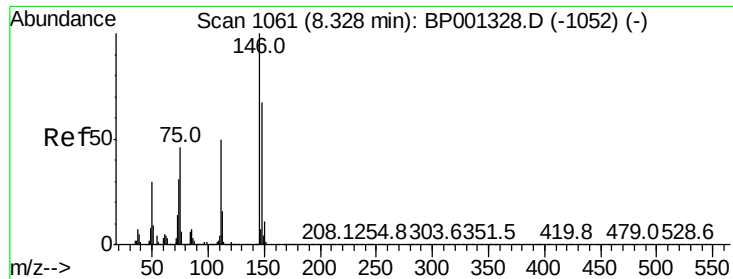
Tot Ion	Ratio	Lower	Upper
93	100		
63	84.4	66.2	106.2
95	32.2	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 78.788 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BP001331.D
Acq: 19 Dec 2019 18:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.9	77.9
75	46.4	36.2	54.4





#13

1,4-Dichlorobenzene

Concen: 79.534 ng

RT: 8.33 min Scan# 1062

Delta R.T. 0.01 min

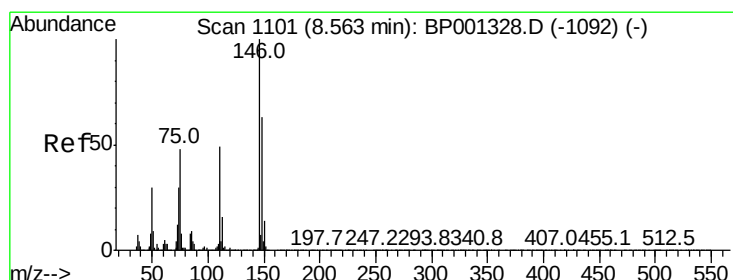
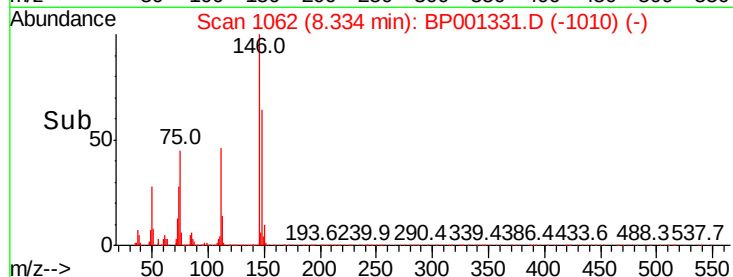
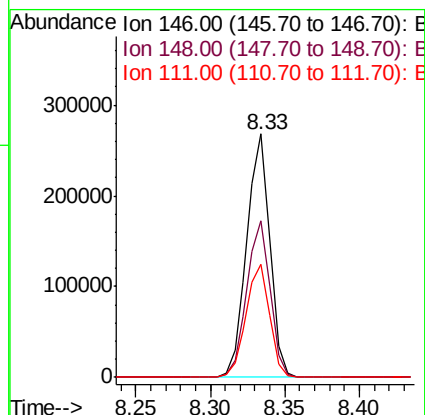
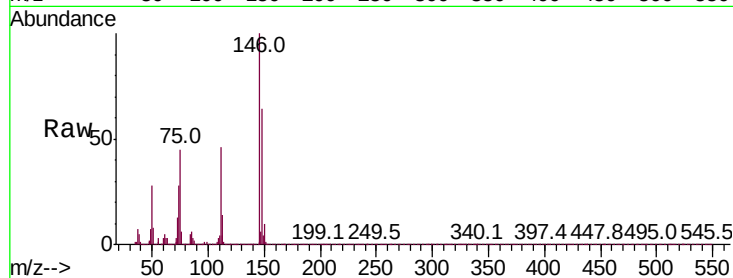
Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

Instrument :
BNA_P
ClientSampleId :

Tot Ion:146 Resp: 287104

Ion	Ratio	Lower	Upper
146	100		
148	64.4	53.3	79.9
111	46.4	40.2	60.4



#14

1,2-Dichlorobenzene

Concen: 80.961 ng

RT: 8.57 min Scan# 1102

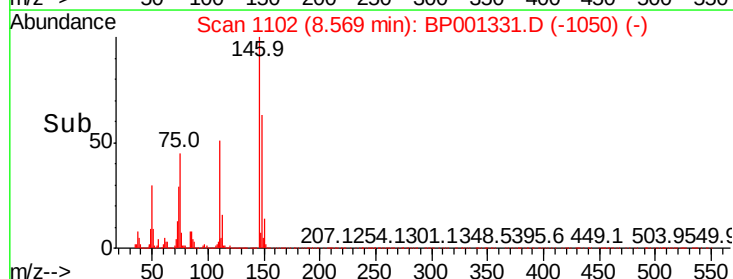
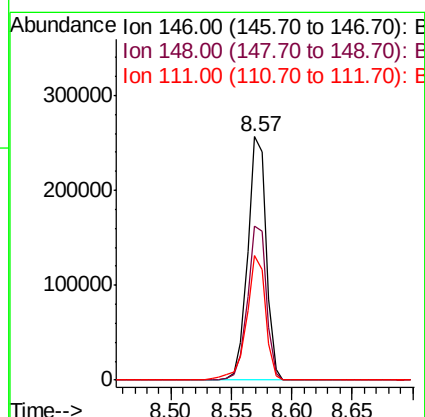
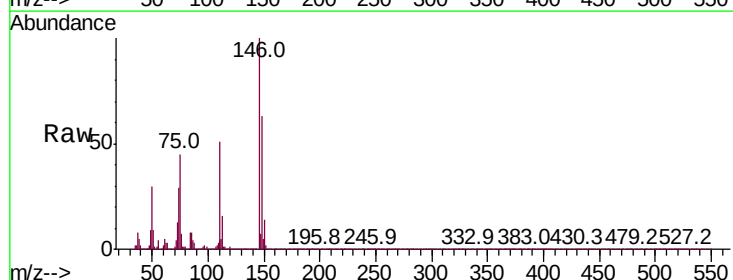
Delta R.T. 0.01 min

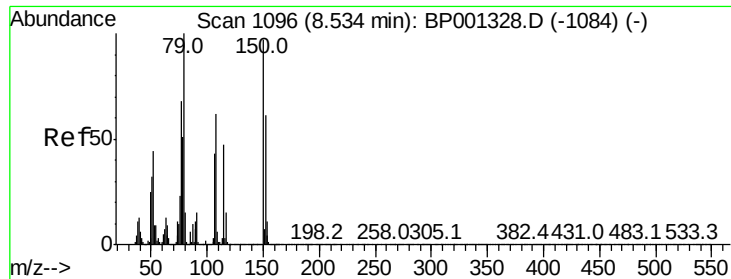
Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

Tgt Ion:146 Resp: 275051

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.8	76.2
111	51.1	39.4	59.2

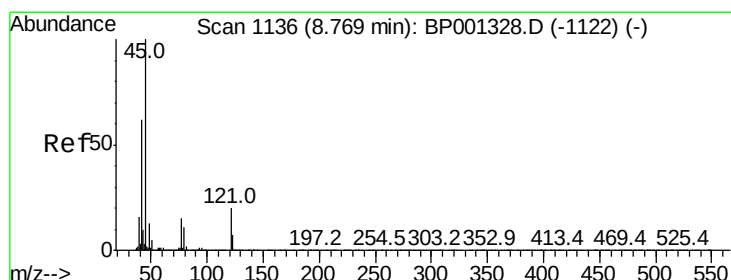
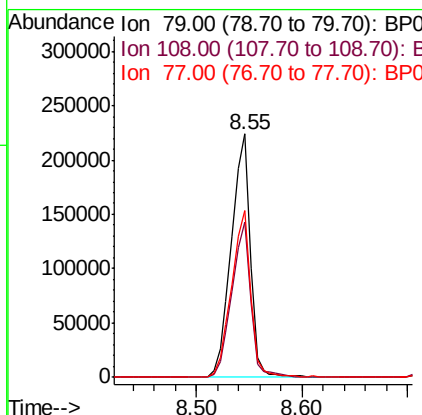
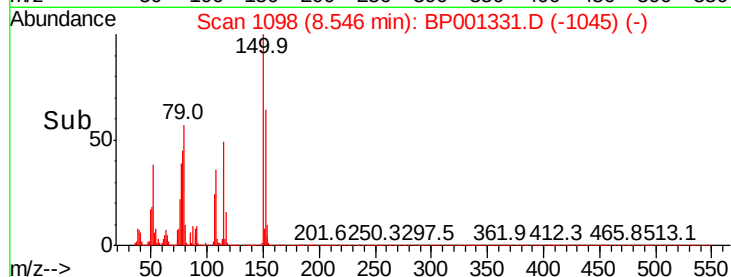
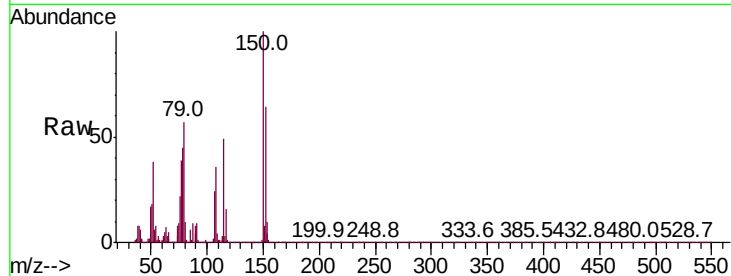




#15
Benzyl Alcohol
Concen: 87.100 ng
RT: 8.55 min Scan# 1098
Delta R.T. 0.01 min
Lab File: BP001331.D
Acq: 19 Dec 2019 18:49

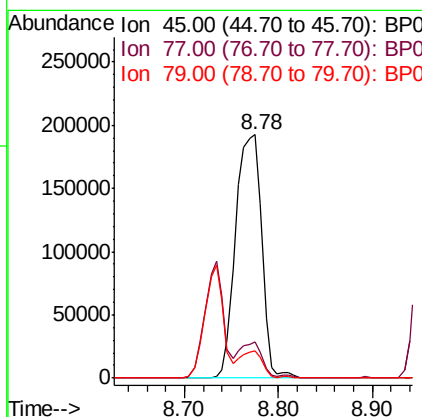
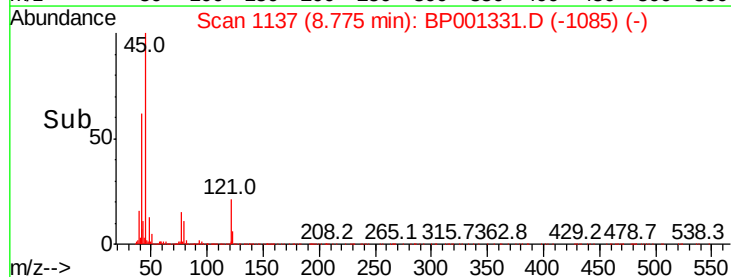
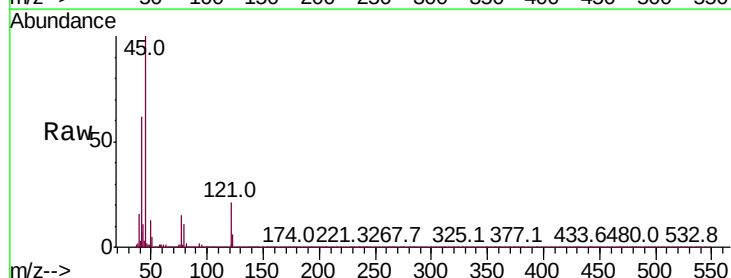
Instrument :
BNA_P
ClientSampled :

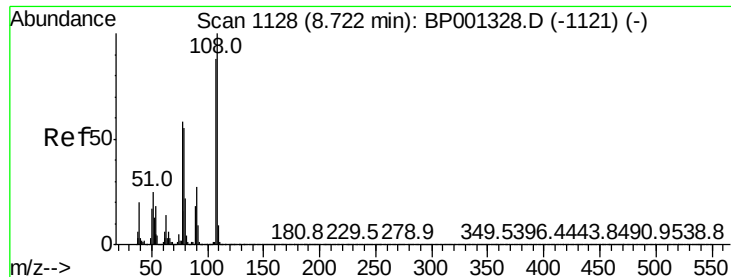
Tot Ion: 79 Resp: 278341
Ion Ratio Lower Upper
79 100
108 63.6 49.3 73.9
77 68.4 54.4 81.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 66.809 ng
RT: 8.78 min Scan# 1137
Delta R.T. 0.01 min
Lab File: BP001331.D
Acq: 19 Dec 2019 18:49

Tgt Ion: 45 Resp: 370369
Ion Ratio Lower Upper
45 100
77 15.1 0.0 34.8
79 11.2 0.0 31.2





#17

2-Methylphenol

Concen: 70.404 ng

RT: 8.73 min Scan# 1130

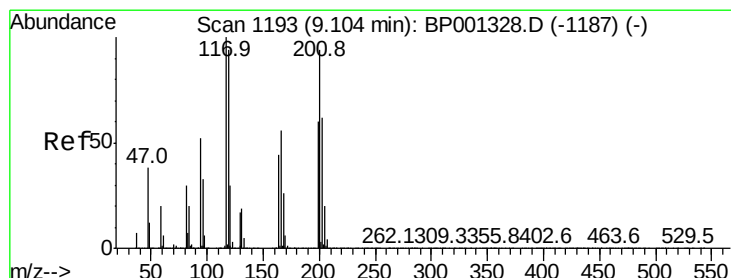
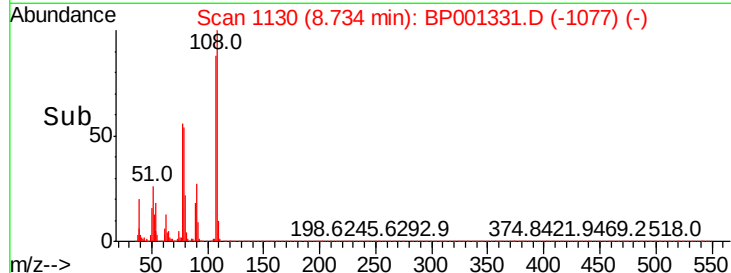
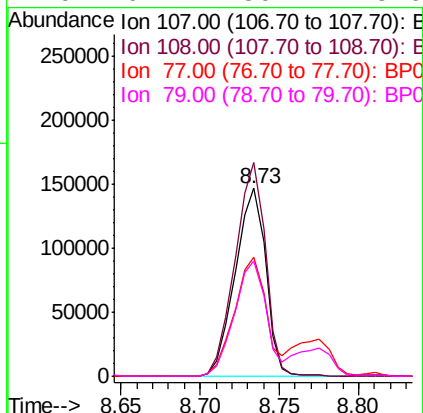
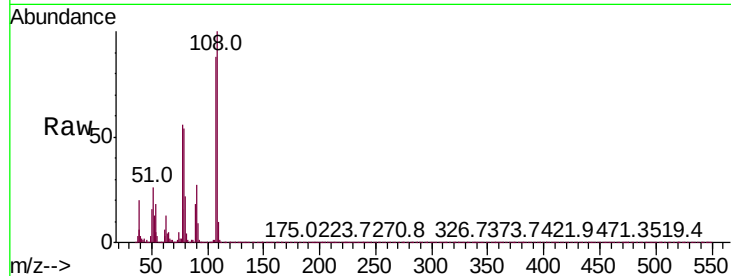
Delta R.T. 0.01 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	107	Resp:	195250
Ion	Ratio	Lower	Upper
107	100		
108	113.9	90.7	136.1
77	63.5	52.7	79.1
79	61.4	50.4	75.6



#18

Hexachloroethane

Concen: 81.766 ng

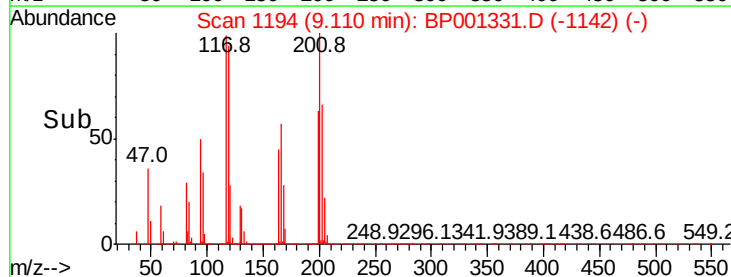
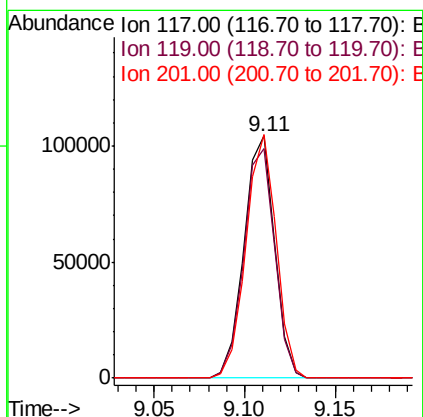
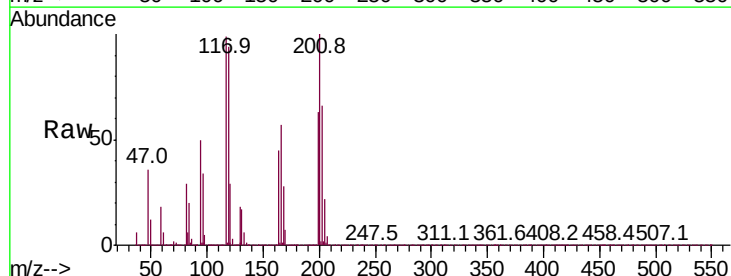
RT: 9.11 min Scan# 1194

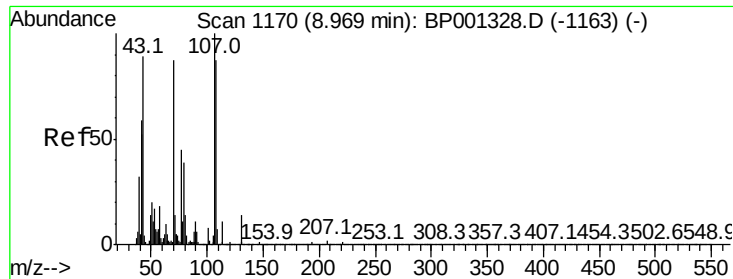
Delta R.T. 0.01 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

Tgt Ion:	117	Resp:	122101
Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.0	112.4
201	100.7	75.6	113.4

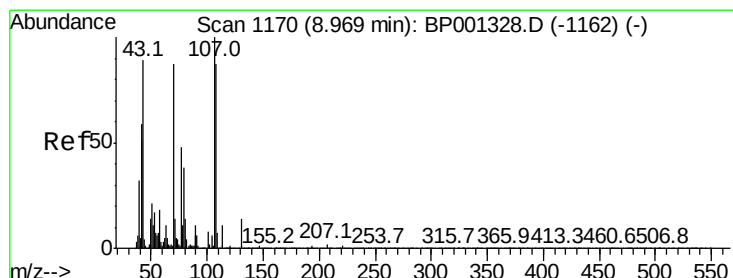
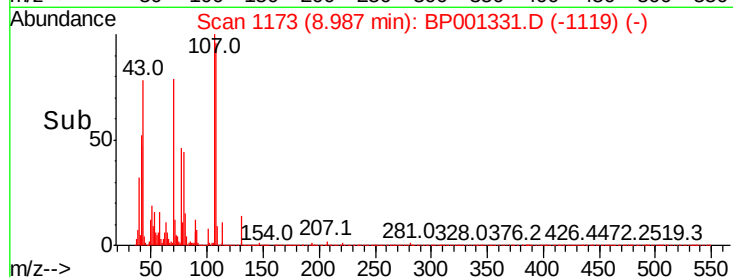
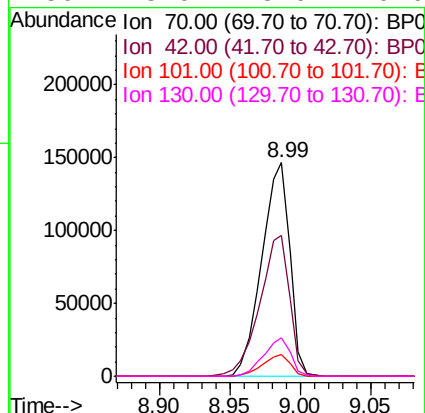
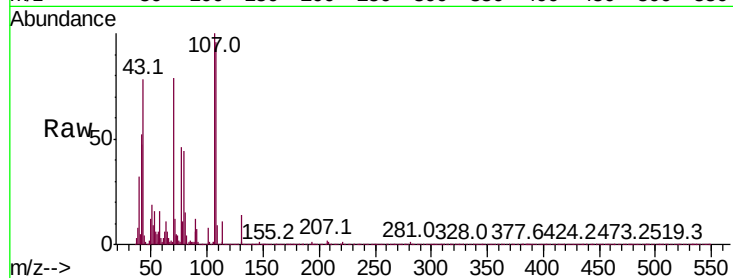




#19
n-Nitroso-di-n-propylamine
Concen: 73.143 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.02 min
Lab File: BP001331.D
Acq: 19 Dec 2019 18:49

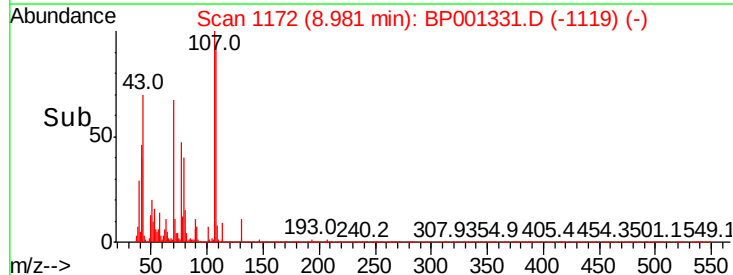
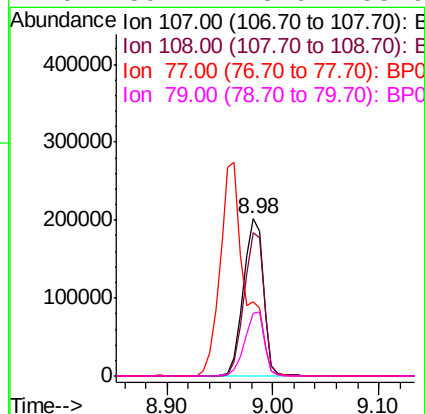
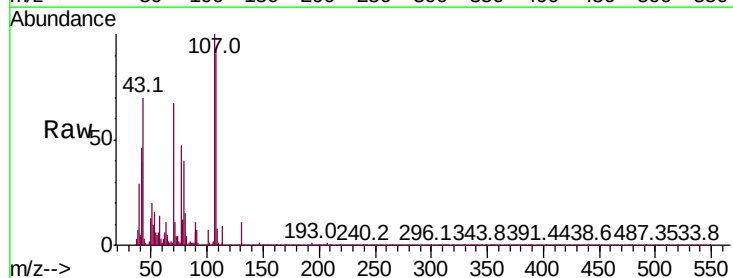
Instrument :
BNA_P
ClientSampleId :

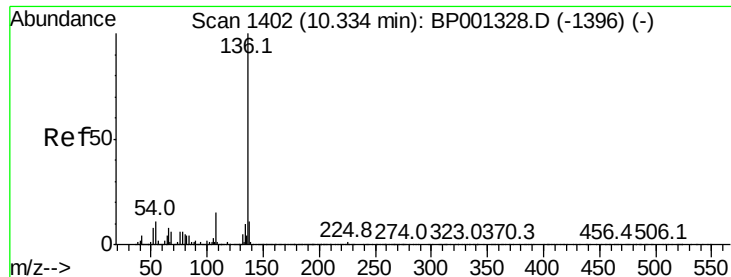
Tot Ion:	70	Resp:	205465
Ion	Ratio	Lower	Upper
70	100		
42	65.7	54.1	81.1
101	10.1	7.0	10.4
130	18.0	13.0	19.6



#20
3+4-Methylphenols
Concen: 75.529 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BP001331.D
Acq: 19 Dec 2019 18:49

Tgt Ion:	107	Resp:	264040
Ion	Ratio	Lower	Upper
107	100		
108	91.1	67.2	107.2
77	47.3	28.0	68.0
79	39.7	18.6	58.6

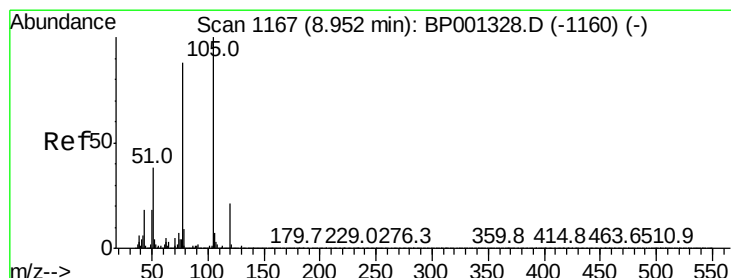
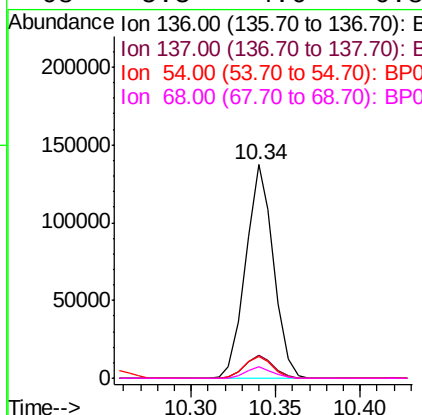
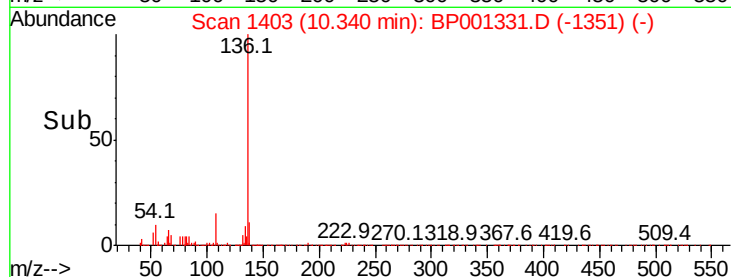
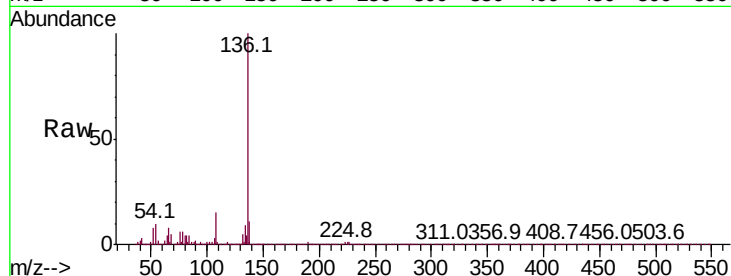




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BP001331.D
Acq: 19 Dec 2019 18:49

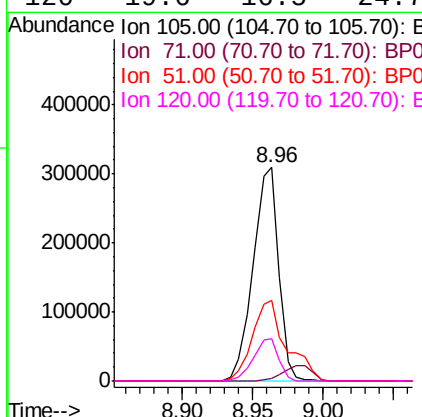
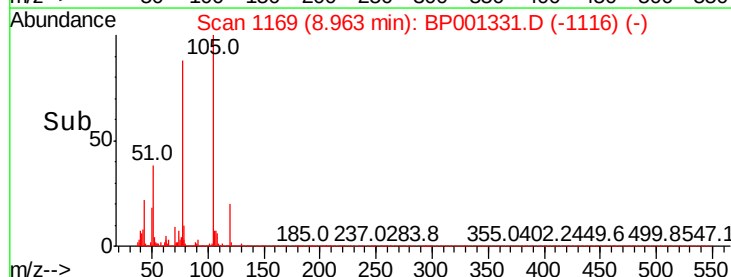
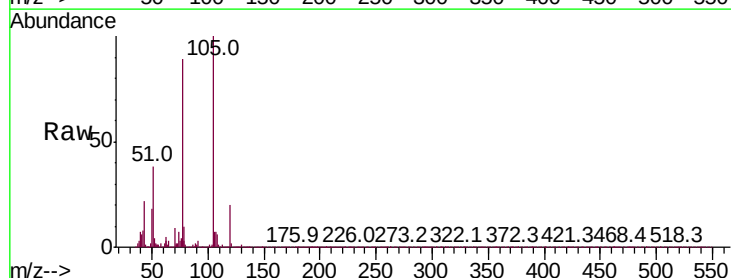
Instrument :
BNA_P
ClientSampleId :

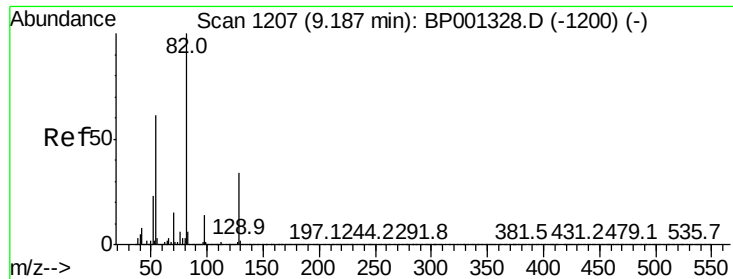
Tot Ion:	136	Resp:	157014
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.1	8.8	13.2
68	5.3	4.6	6.8



#22
Acetophenone
Concen: 85.751 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BP001331.D
Acq: 19 Dec 2019 18:49

Tgt Ion:	105	Resp:	395729
Ion	Ratio	Lower	Upper
105	100		
71	1.5	0.8	1.2#
51	37.6	30.6	45.8
120	19.6	16.5	24.7

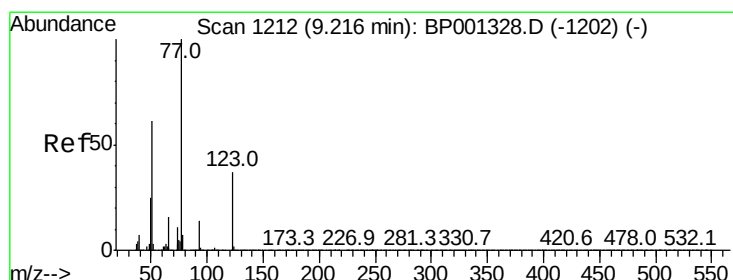
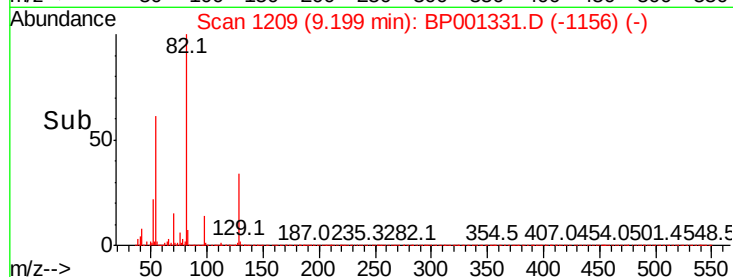
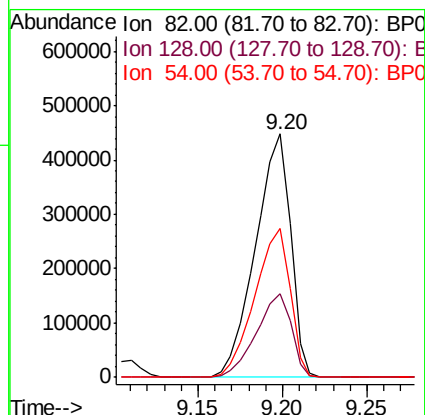
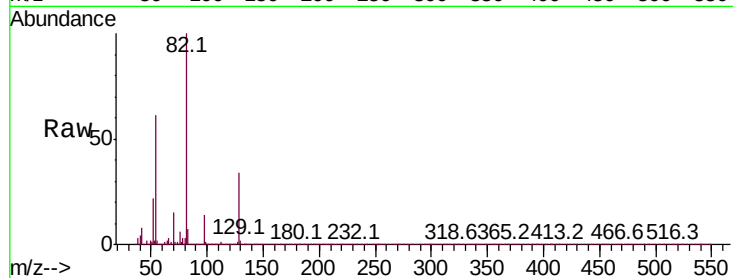




#23
 Nitrobenzene-d5
 Concen: 179.074 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BP001331.D
 Acq: 19 Dec 2019 18:49

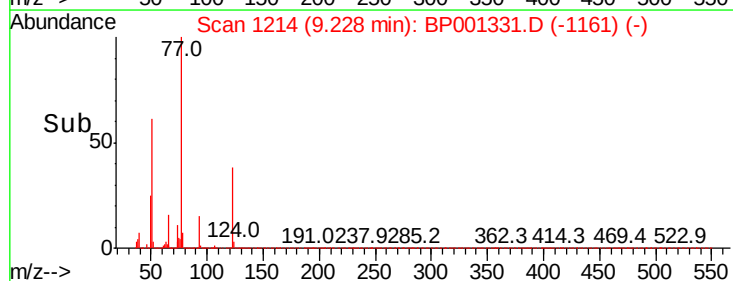
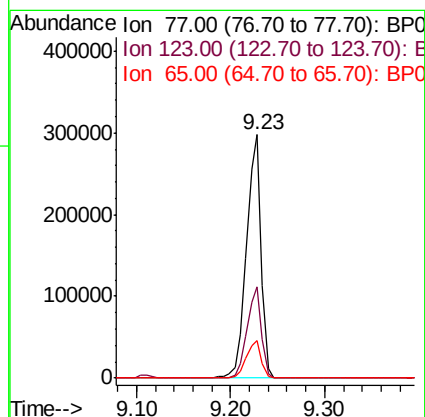
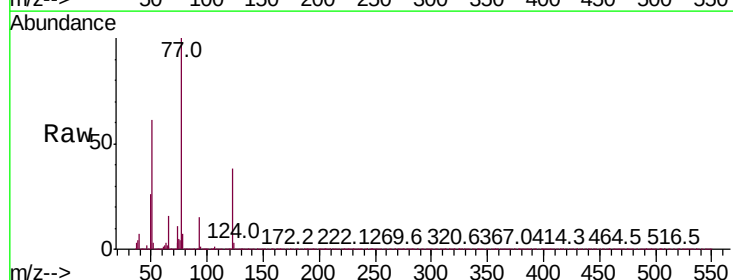
Instrument :
 BNA_P
 ClientSampleId :

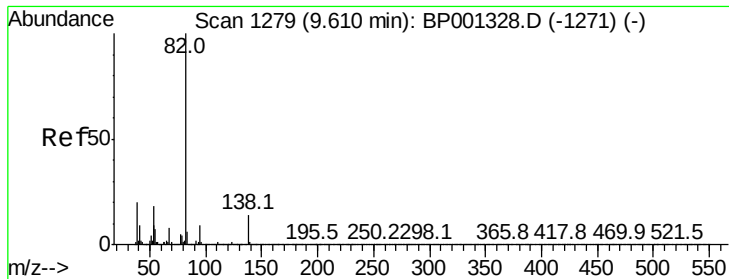
Tot Ion	82	Resp	648072
Ion Ratio	100	Lower	Upper
128	34.4	27.0	40.4
54	61.0	49.0	73.4



#24
 Nitrobenzene
 Concen: 88.336 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.01 min
 Lab File: BP001331.D
 Acq: 19 Dec 2019 18:49

Tgt Ion	77	Resp	317894
Ion Ratio	100	Lower	Upper
123	37.7	29.4	44.0
65	15.5	12.4	18.6





#25

Isophorone

Concen: 79.832 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

Instrument :

BNA_P

ClientSampleId :

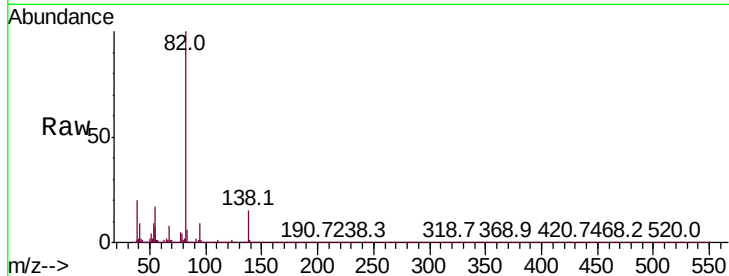
Tot Ion: 82 Resp: 518081

Ion Ratio Lower Upper

82 100

95 8.6 7.3 10.9

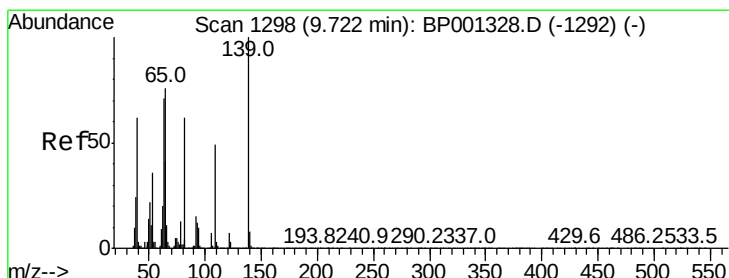
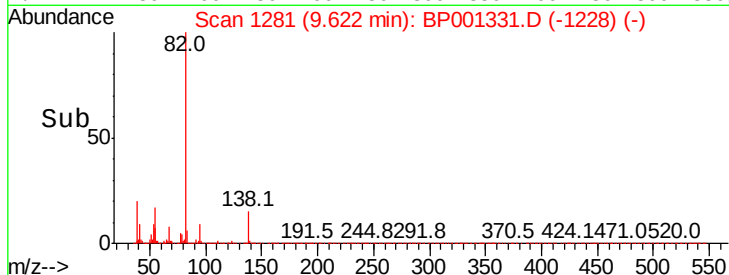
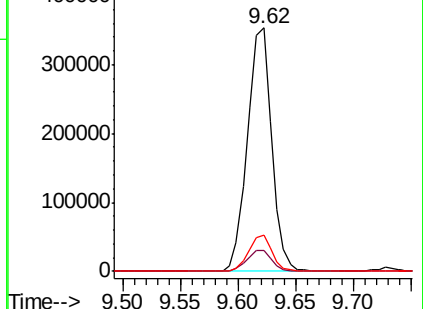
138 15.1 11.5 17.3



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 138.00 (137.70 to 138.70): BP0



#26

2-Nitrophenol

Concen: 87.454 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.01 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

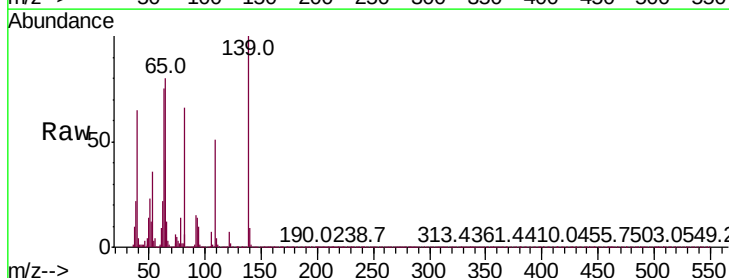
Tgt Ion: 139 Resp: 115278

Ion Ratio Lower Upper

139 100

109 51.2 39.1 58.7

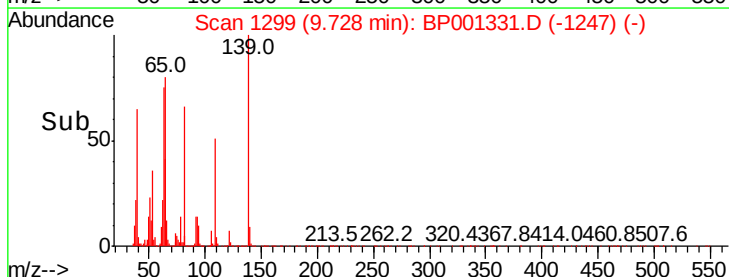
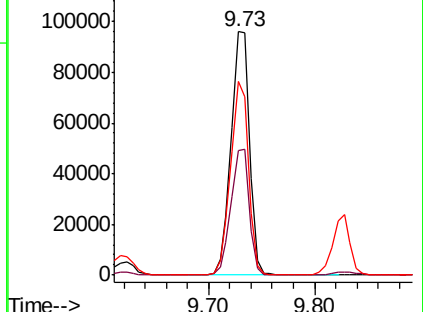
65 79.5 61.2 91.8

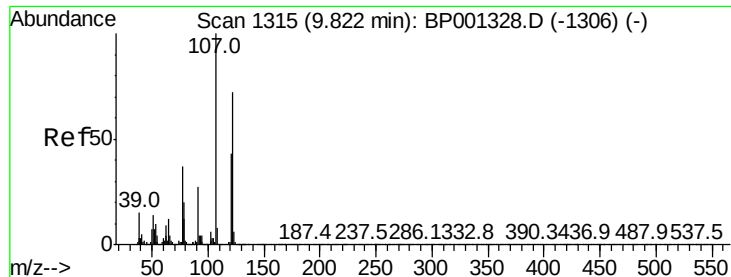


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0





#27

2,4-Dimethylphenol

Concen: 79.655 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.01 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

Instrument :

BNA_P

ClientSampled :

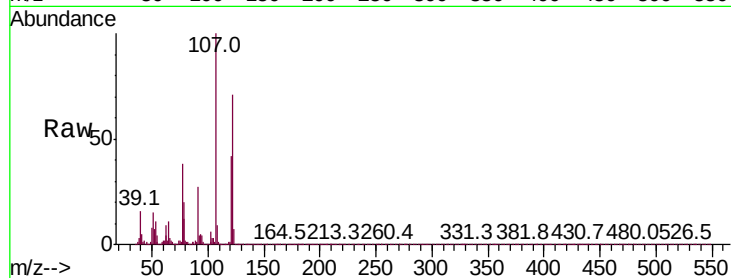
Tot Ion:122 Resp: 166315

Ion Ratio Lower Upper

122 100

107 141.7 111.9 167.9

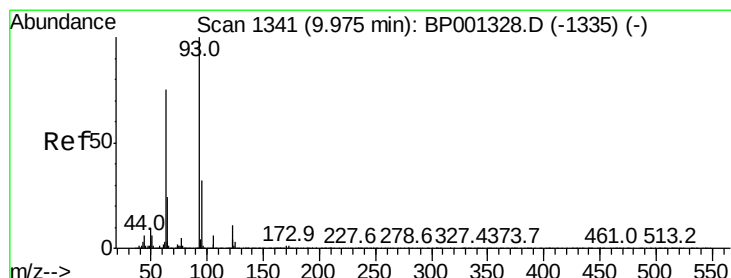
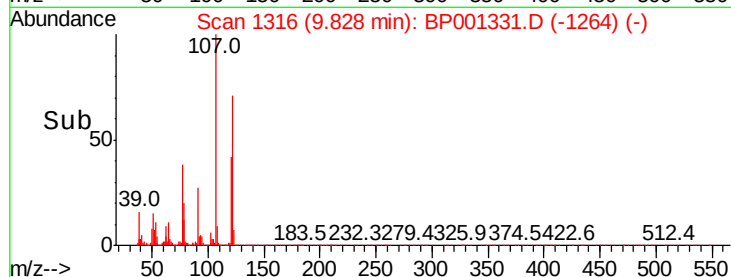
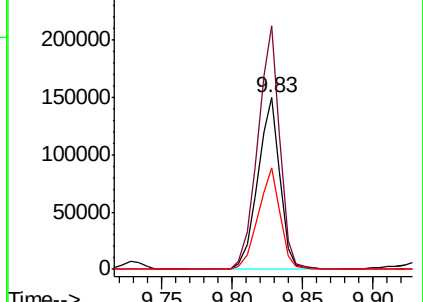
121 59.4 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 75.192 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.01 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

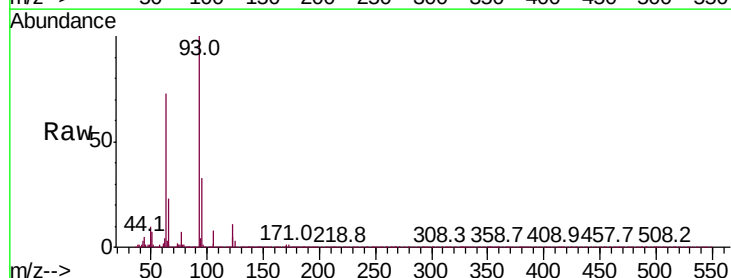
Tgt Ion: 93 Resp: 306160

Ion Ratio Lower Upper

93 100

95 33.3 25.4 38.0

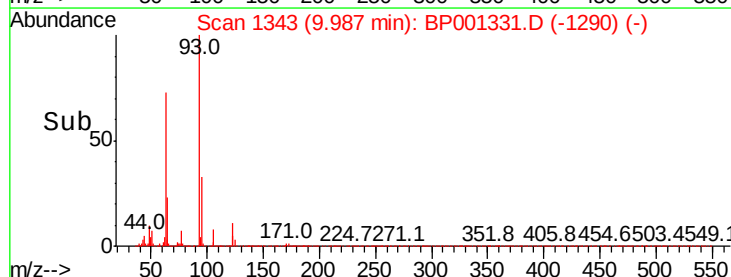
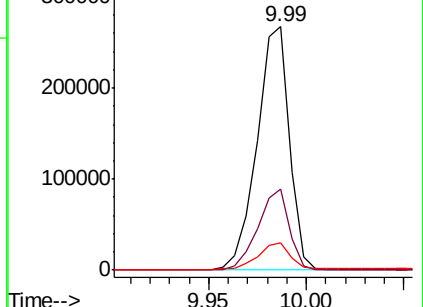
123 11.1 8.8 13.2

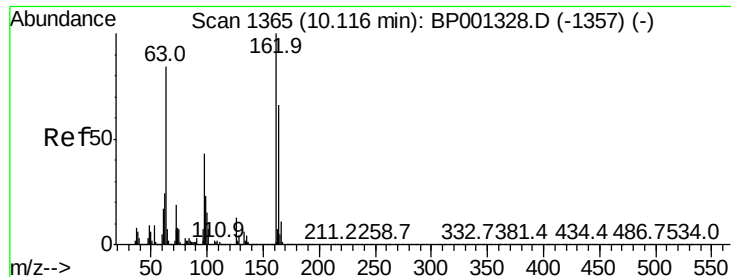


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E

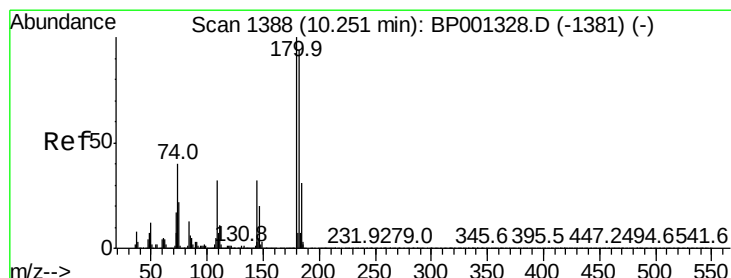
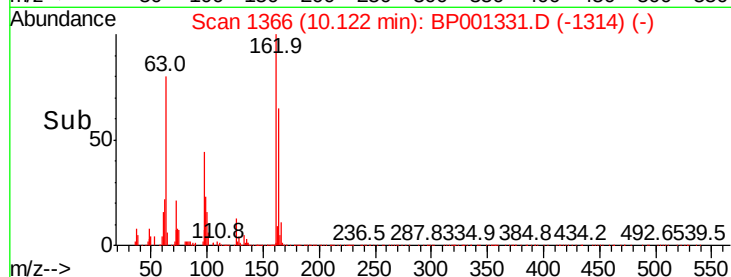
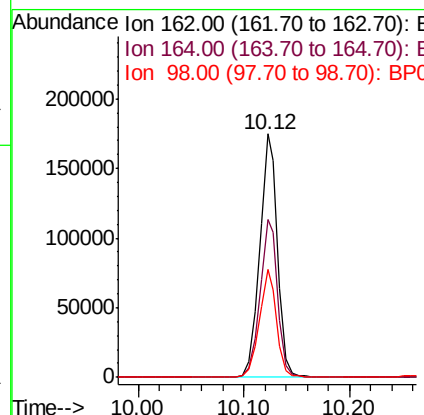
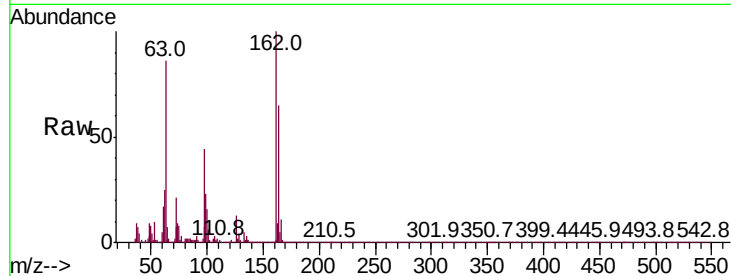




#29
2,4-Dichlorophenol
Concen: 86.954 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BP001331.D
Acq: 19 Dec 2019 18:49

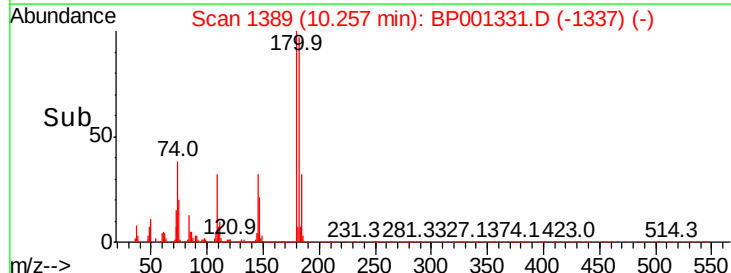
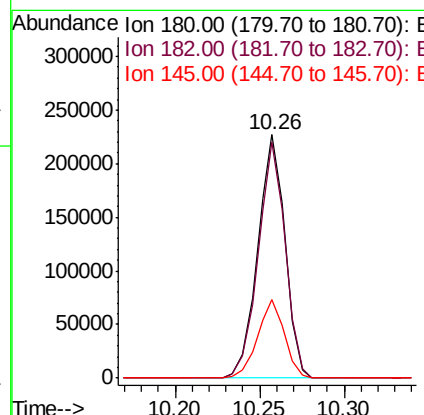
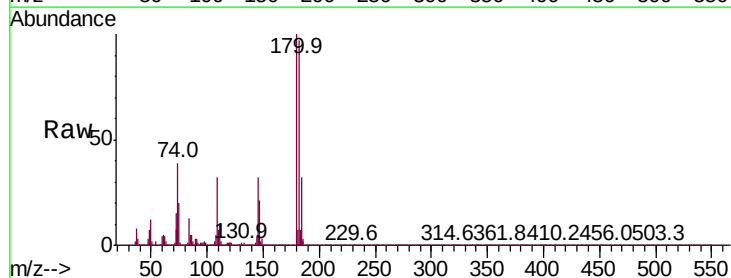
Instrument :
BNA_P
ClientSampleId :

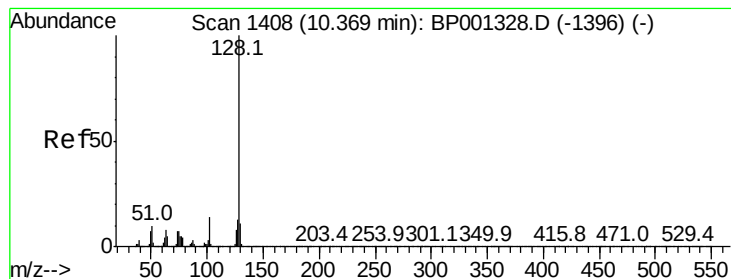
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	45.9	85.9
98	44.2	23.2	63.2



#30
1,2,4-Trichlorobenzene
Concen: 91.464 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.01 min
Lab File: BP001331.D
Acq: 19 Dec 2019 18:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.0	112.6
145	32.4	25.8	38.8





#31

Naphthalene

Concen: 85.067 ng

RT: 10.38 min Scan# 1409

Delta R.T. 0.01 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

Instrument :

BNA_P

ClientSampleId :

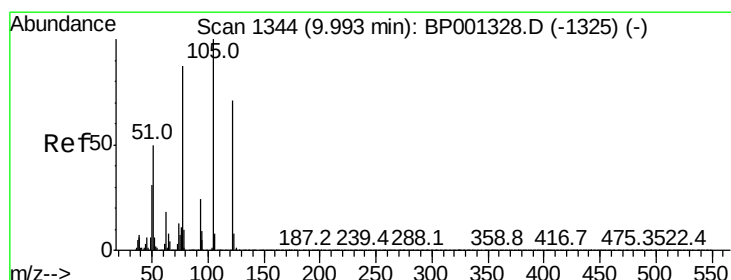
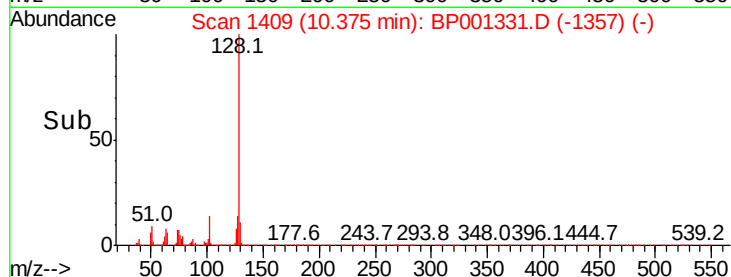
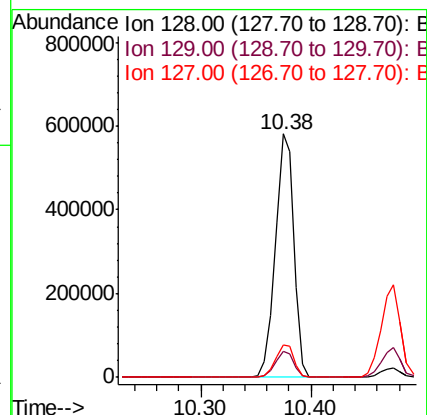
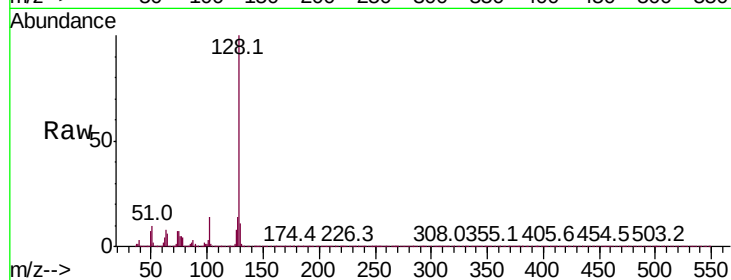
Tot Ion:128 Resp: 682158

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

127 13.5 10.7 16.1



#32

Benzoic acid

Concen: 95.067 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.06 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

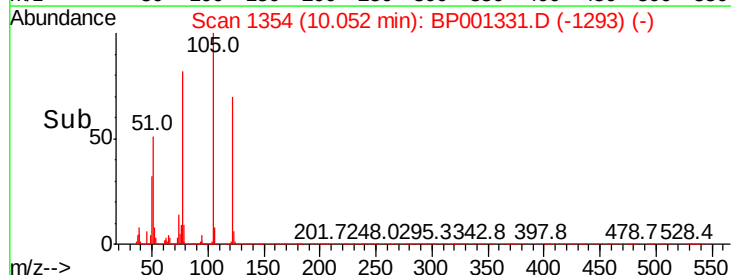
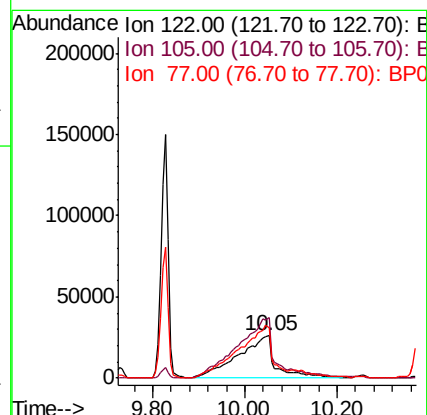
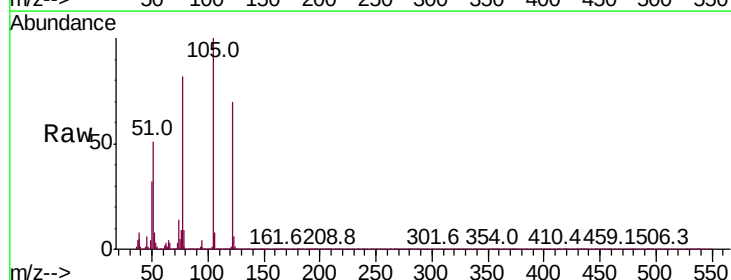
Tgt Ion:122 Resp: 143501

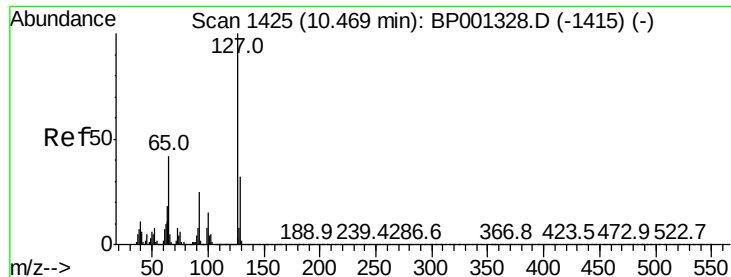
Ion Ratio Lower Upper

122 100

105 143.3 118.5 158.5

77 118.2 101.3 141.3

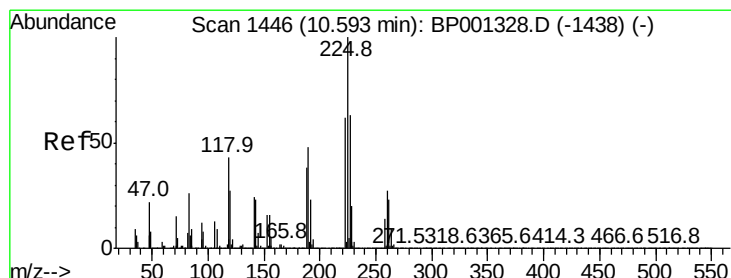
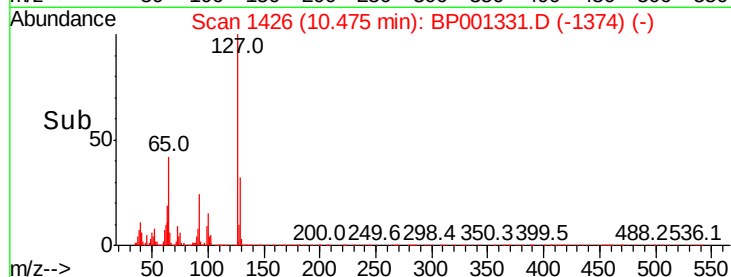
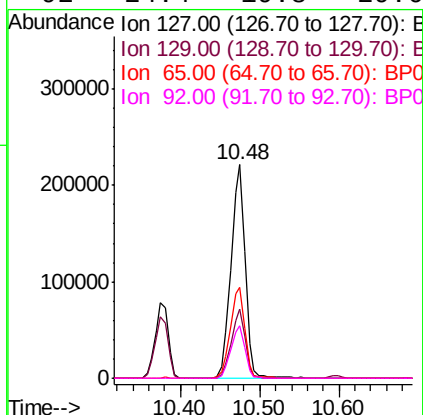
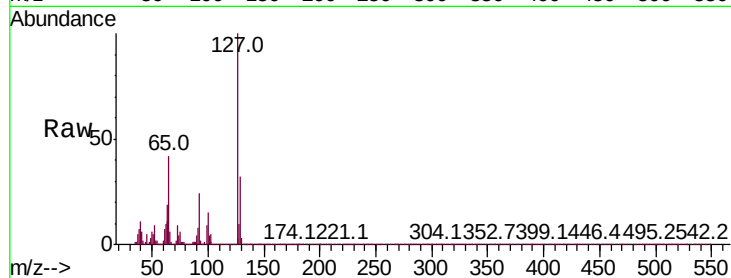




#33
4-Chloroaniline
Concen: 79.040 ng
RT: 10.48 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BP001331.D
Acq: 19 Dec 2019 18:49

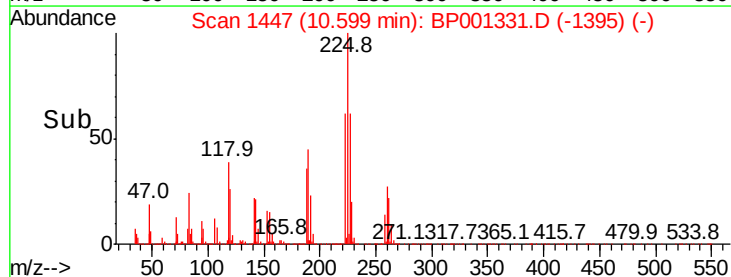
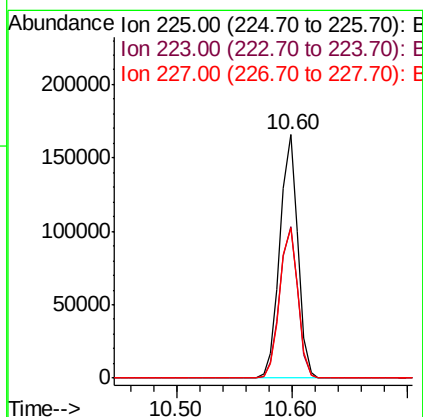
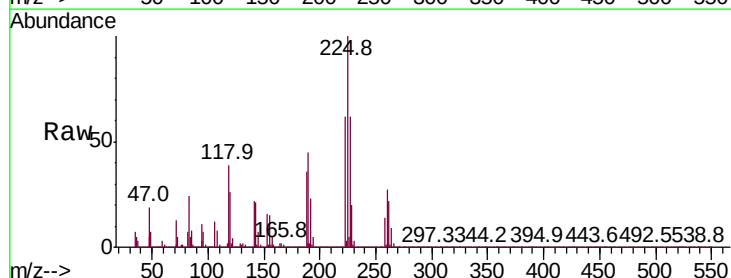
Instrument :
BNA_P
ClientSampleId :

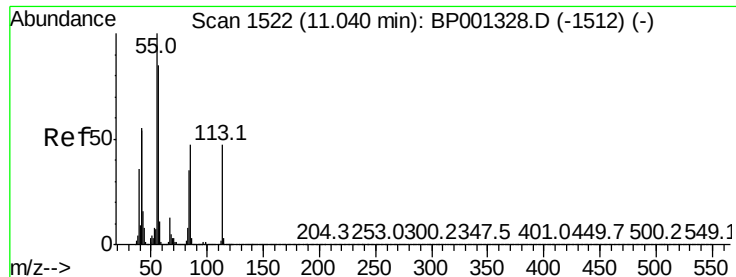
Tot Ion:127	Resp:	275052
Ion	Ratio	Lower Upper
127	100	
129	32.4	25.2 37.8
65	42.4	33.6 50.4
92	24.4	19.8 29.6



#34
Hexachlorobutadiene
Concen: 102.502 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BP001331.D
Acq: 19 Dec 2019 18:49

Tgt Ion:225	Resp:	178972
Ion	Ratio	Lower Upper
225	100	
223	62.0	49.2 73.8
227	61.7	50.3 75.5

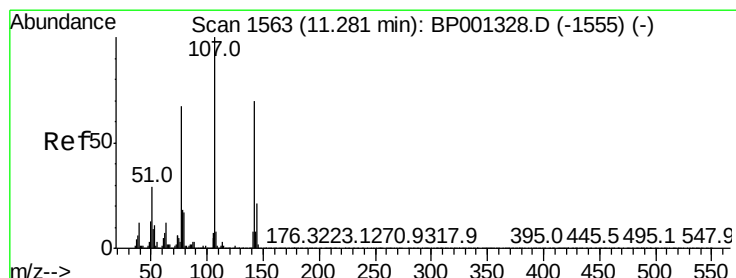
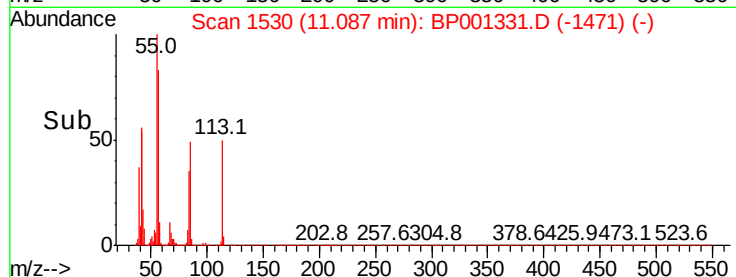
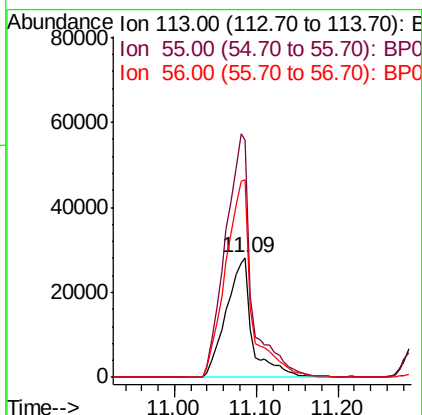
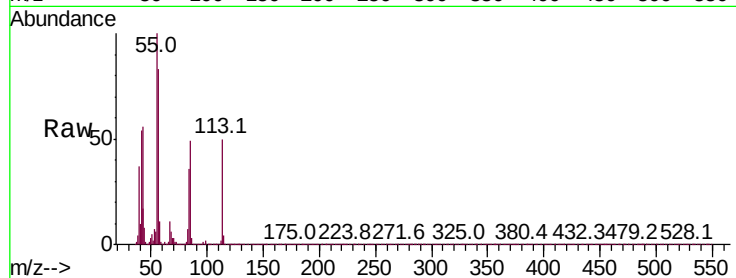




#35
Caprolactam
Concen: 76.527 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.05 min
Lab File: BP001331.D
Acq: 19 Dec 2019 18:49

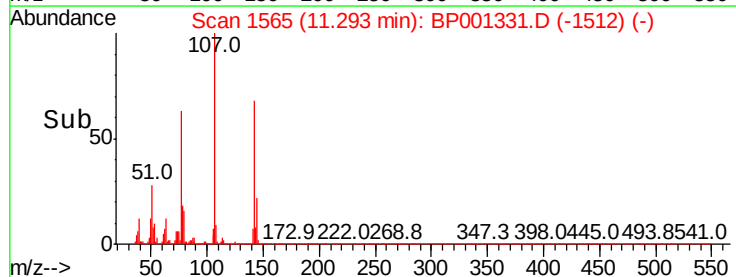
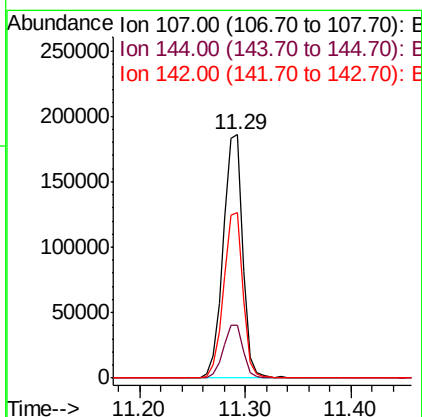
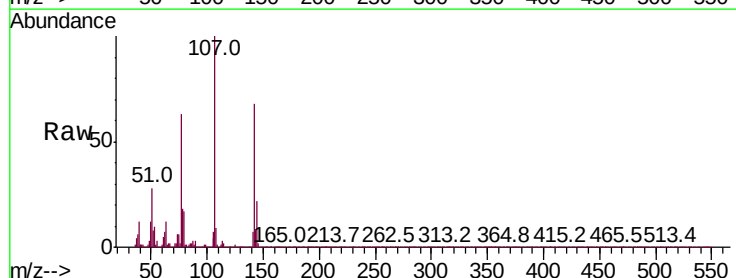
Instrument :
BNA_P
ClientSampled :

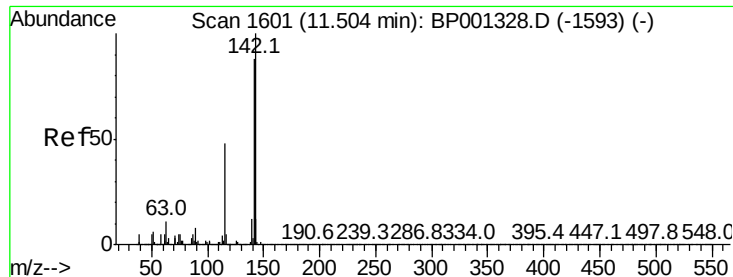
Tot Ion:113 Resp: 62677
Ion Ratio Lower Upper
113 100
55 198.8 191.5 231.5
56 164.6 160.5 200.5



#36
4-Chloro-3-methylphenol
Concen: 84.955 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BP001331.D
Acq: 19 Dec 2019 18:49

Tgt Ion:107 Resp: 239361
Ion Ratio Lower Upper
107 100
144 21.8 16.9 25.3
142 67.9 55.9 83.9





#37

2-Methylnaphthalene

Concen: 85.660 ng

RT: 11.51 min Scan# 1602

Delta R.T. 0.01 min

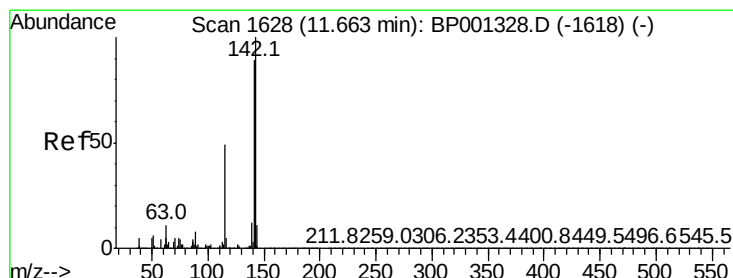
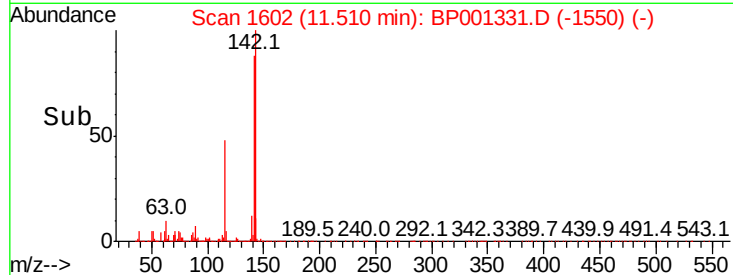
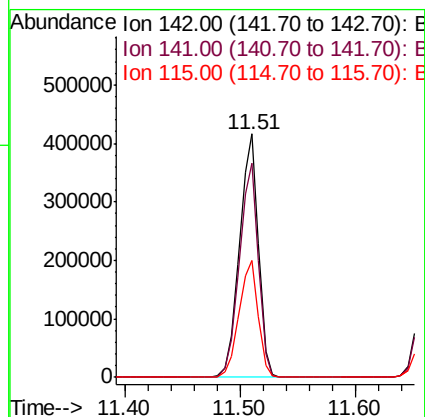
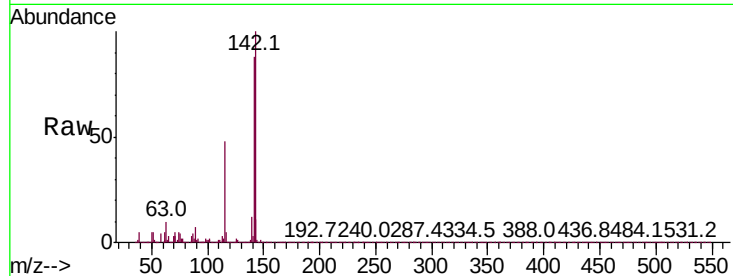
Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

Instrument :
BNA_P
ClientSampled :

Tot Ion:142 Resp: 468720

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.2	105.4
115	48.2	38.7	58.1



#38

1-Methylnaphthalene

Concen: 85.209 ng

RT: 11.67 min Scan# 1629

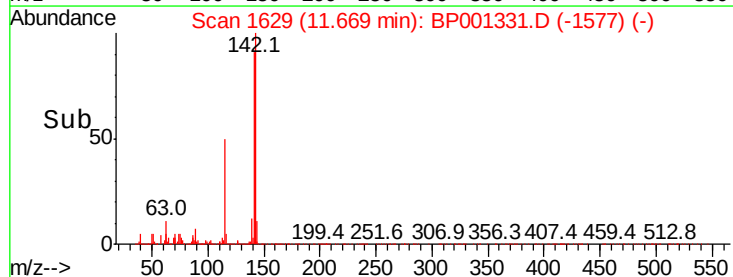
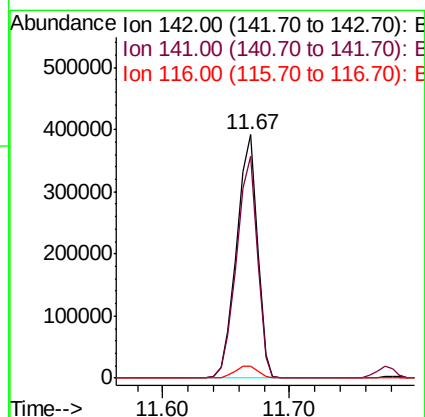
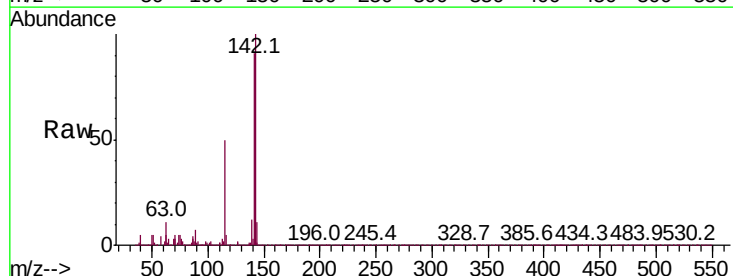
Delta R.T. 0.01 min

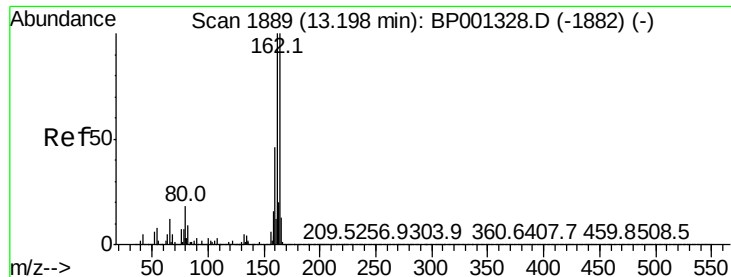
Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

Tgt Ion:142 Resp: 440444

Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.3	106.9
116	5.1	4.2	6.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.20 min Scan# 1890

Delta R.T. 0.01 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

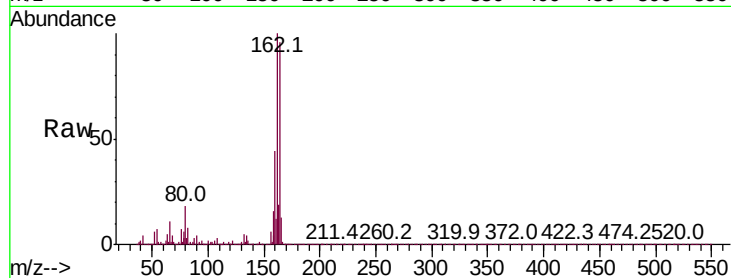
Instrument :

BNA_P

ClientSampleId :

Tot Ion:164 Resp: 90159

Ion	Ratio	Lower	Upper
164	100		
162	103.9	80.3	120.5
160	45.9	36.6	54.8

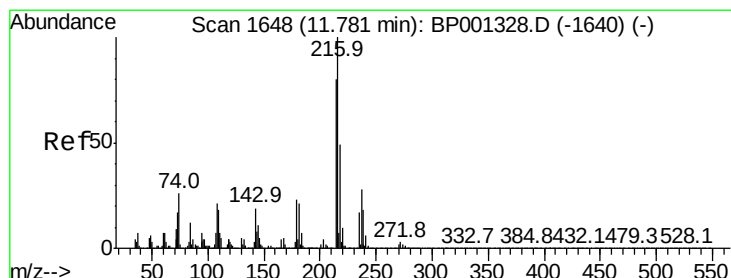
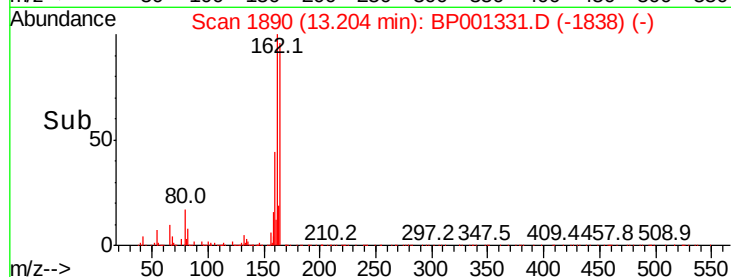
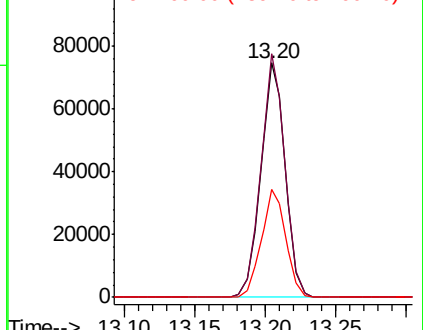


Abundance

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: 94.440 ng

RT: 11.79 min Scan# 1649

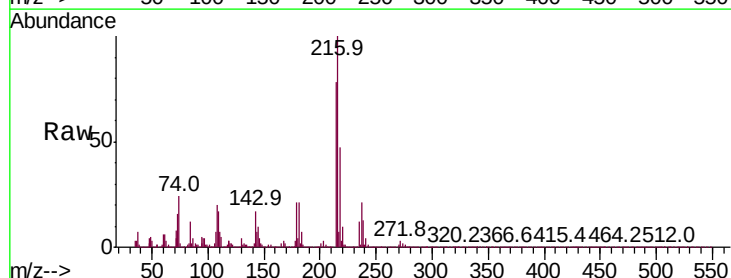
Delta R.T. 0.01 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

Tgt Ion:216 Resp: 268332

Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.6	94.0
179	22.3	18.1	27.1
108	23.2	18.2	27.2



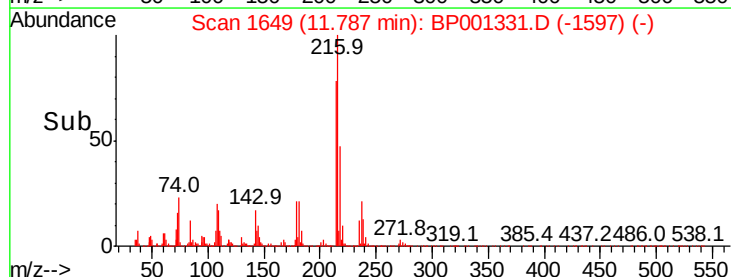
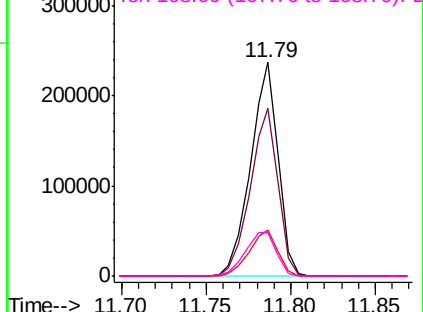
Abundance

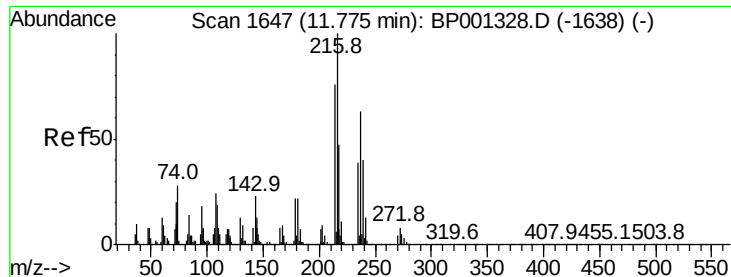
Ion 216.00 (215.70 to 216.70): E

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: 110.309 ng

RT: 11.77 min Scan# 1647

Delta R.T. 0.00 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

Instrument :

BNA_P

ClientSampleId :

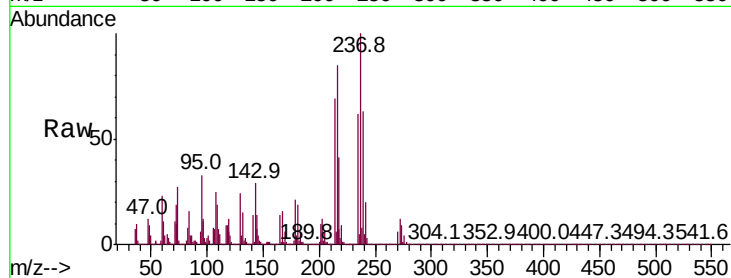
Tot Ion:237 Resp: 144591

Ion Ratio Lower Upper

237 100

235 62.4 41.9 81.9

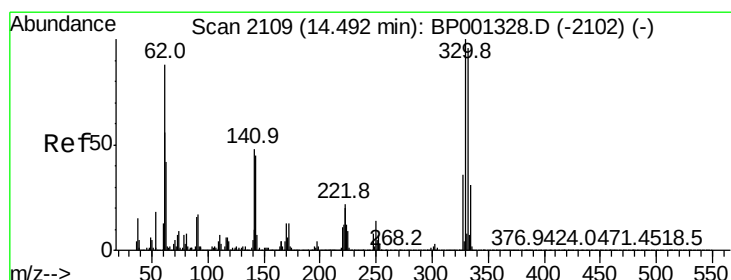
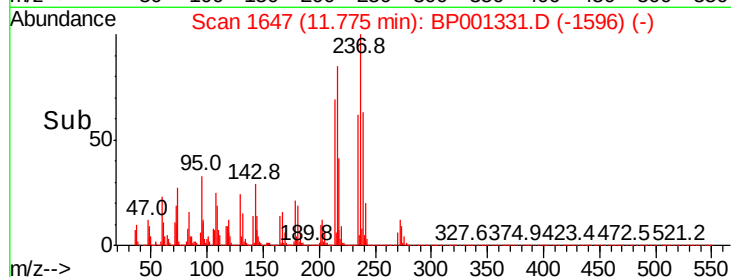
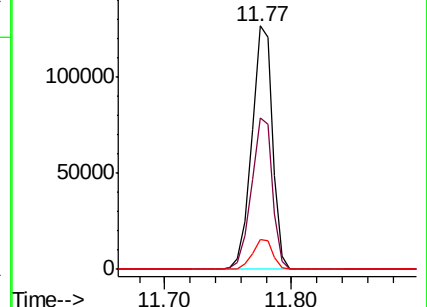
272 12.1 0.0 32.0



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: 210.829 ng

RT: 14.50 min Scan# 2111

Delta R.T. 0.01 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

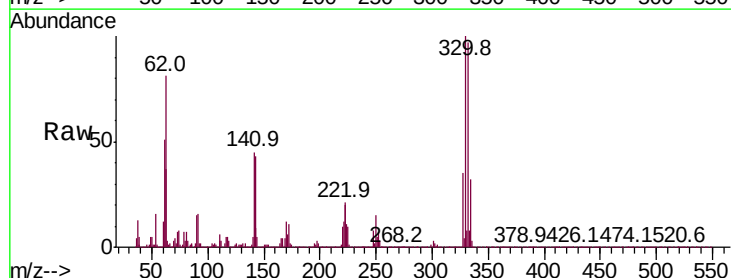
Tgt Ion:330 Resp: 182193

Ion Ratio Lower Upper

330 100

332 97.1 78.7 118.1

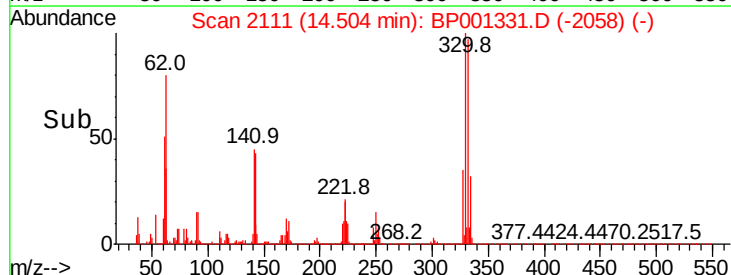
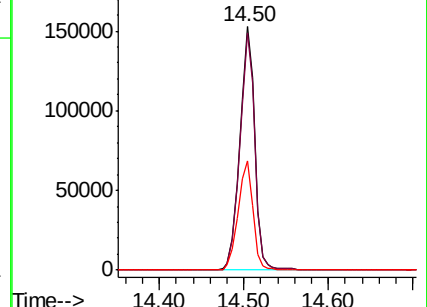
141 45.5 36.2 54.4

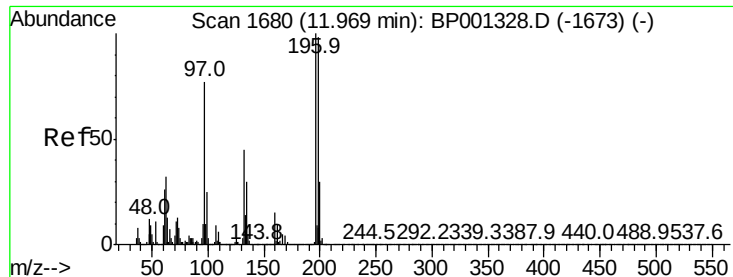


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

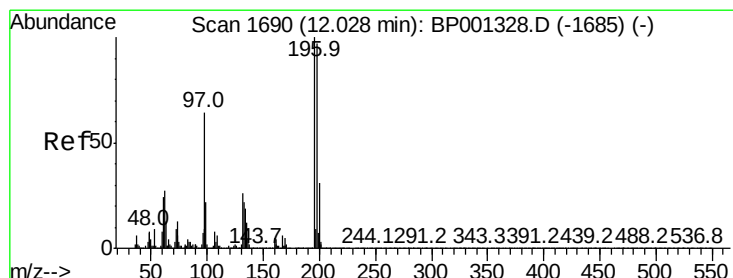
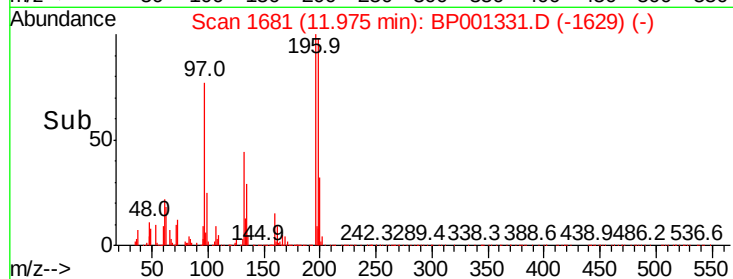
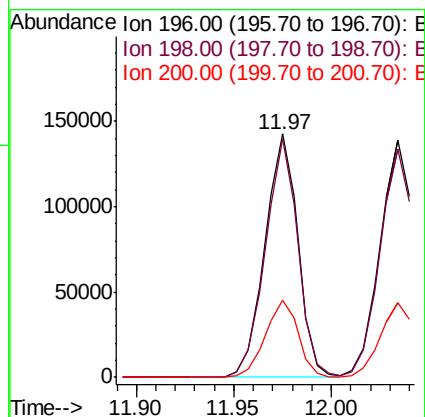
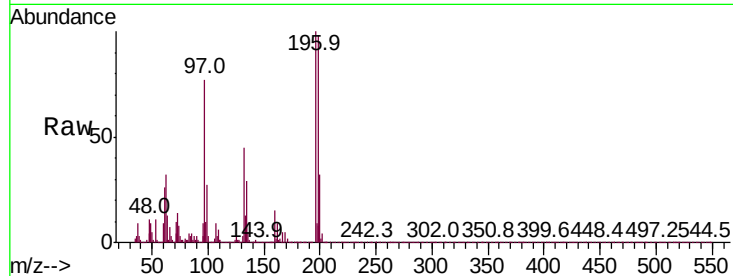




#43
2,4,6-Trichlorophenol
Concen: 90.017 ng
RT: 11.97 min Scan# 1681
Delta R.T. 0.01 min
Lab File: BP001331.D
Acq: 19 Dec 2019 18:49

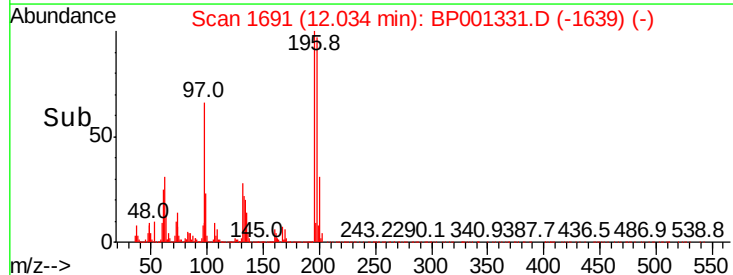
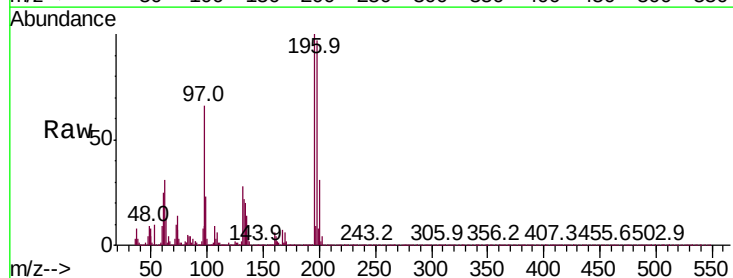
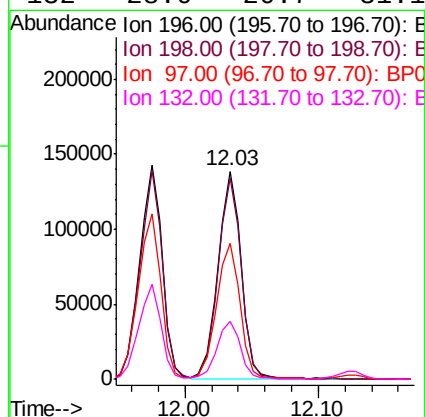
Instrument :
BNA_P
ClientSampleId :

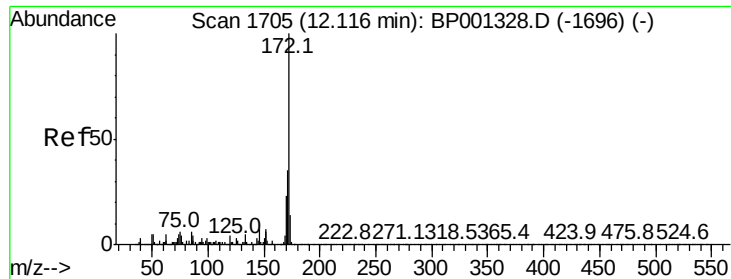
Tot Ion:196 Resp: 166999
Ion Ratio Lower Upper
196 100
198 97.8 78.6 118.0
200 31.6 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 88.243 ng
RT: 12.03 min Scan# 1691
Delta R.T. 0.01 min
Lab File: BP001331.D
Acq: 19 Dec 2019 18:49

Tgt Ion:196 Resp: 169619
Ion Ratio Lower Upper
196 100
198 96.5 77.7 116.5
97 65.6 50.7 76.1
132 28.0 20.7 31.1

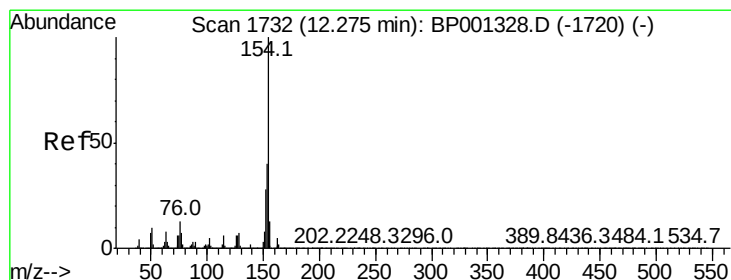
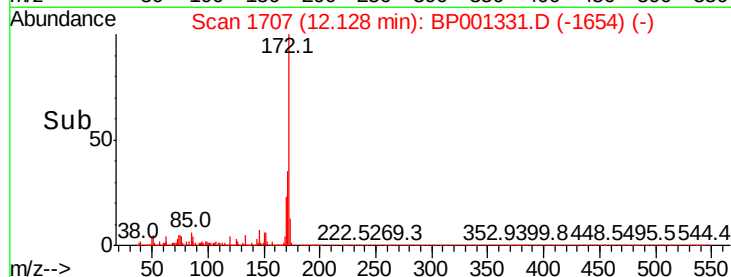
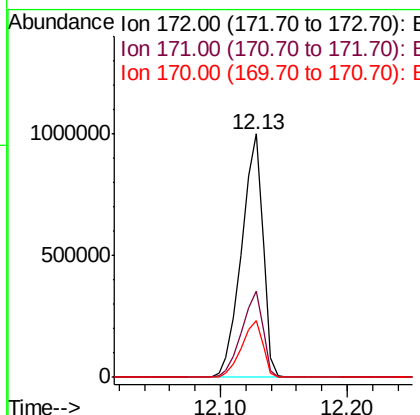
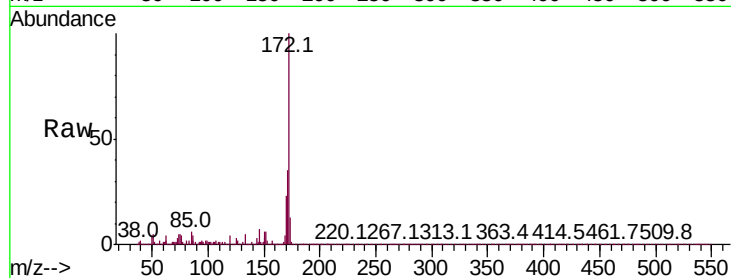




#45
2-Fluorobiphenyl
Concen: 188.203 ng
RT: 12.13 min Scan# 1707
Delta R.T. 0.01 min
Lab File: BP001331.D
Acq: 19 Dec 2019 18:49

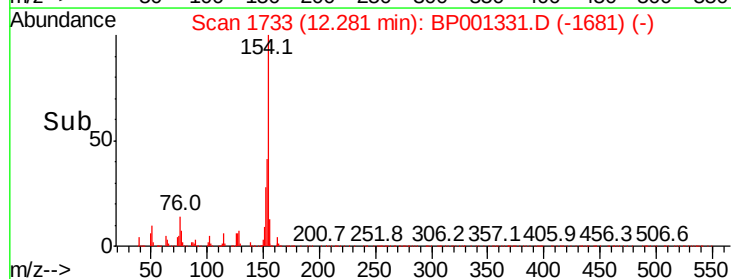
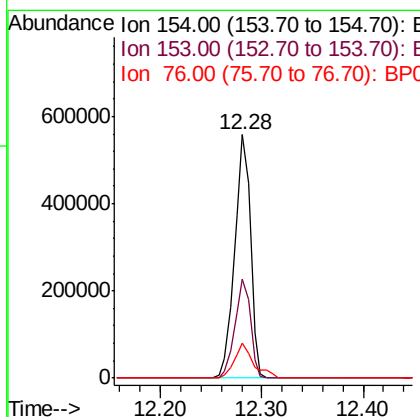
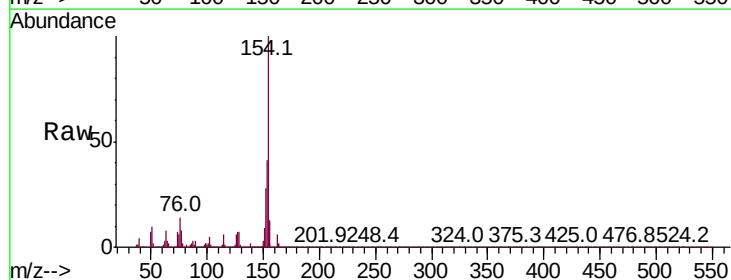
Instrument :
BNA_P
ClientSampleId :

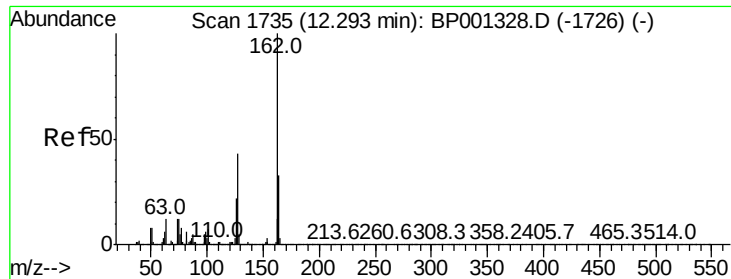
Tot Ion:172 Resp: 1159369
Ion Ratio Lower Upper
172 100
171 35.3 27.7 41.5
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 86.697 ng
RT: 12.28 min Scan# 1733
Delta R.T. 0.01 min
Lab File: BP001331.D
Acq: 19 Dec 2019 18:49

Tgt Ion:154 Resp: 604086
Ion Ratio Lower Upper
154 100
153 40.9 20.2 60.2
76 14.4 0.0 33.1

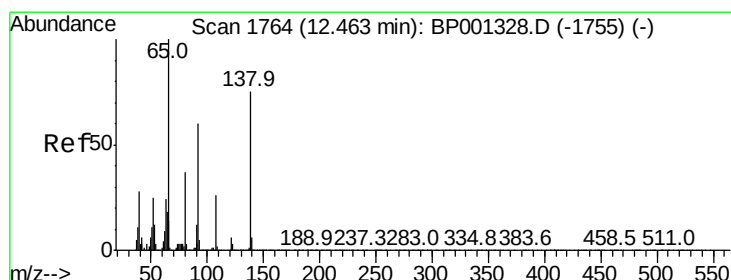
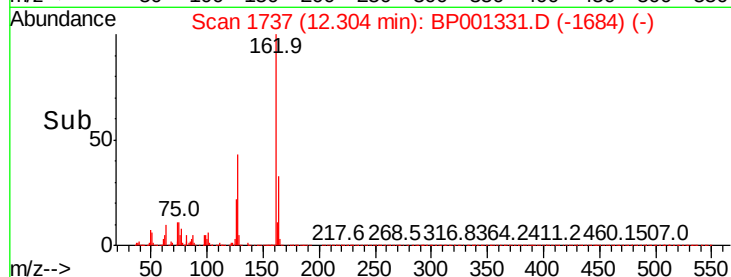
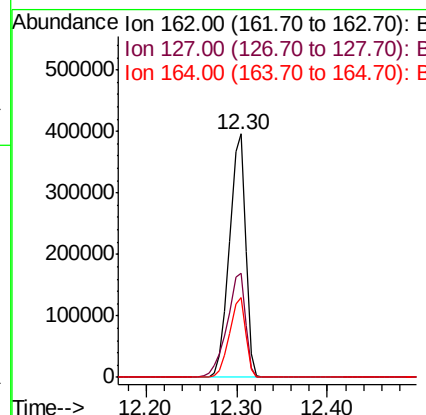
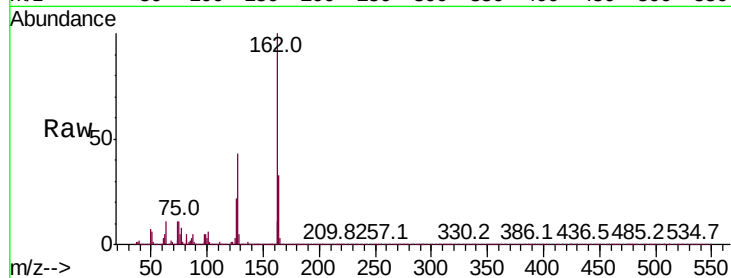




#47
2-Chloronaphthalene
Concen: 87.665 ng
RT: 12.30 min Scan# 1737
Delta R.T. 0.01 min
Lab File: BP001331.D
Acq: 19 Dec 2019 18:49

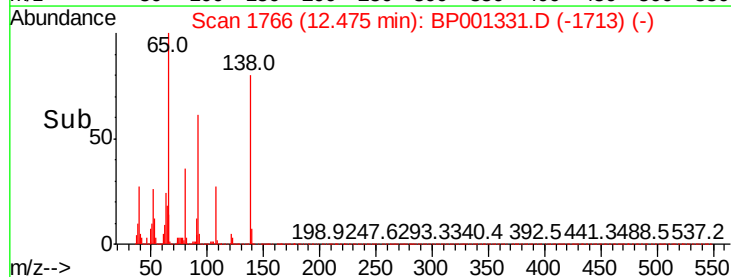
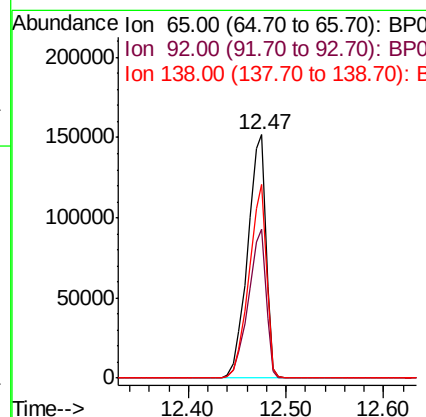
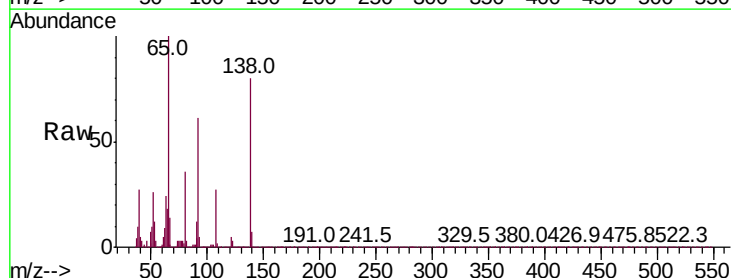
Instrument :
BNA_P
ClientSampleId :

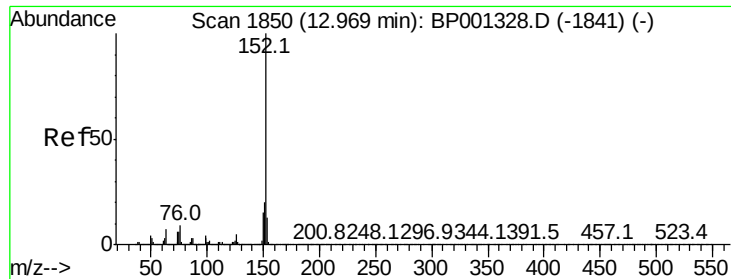
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.9	34.2	51.4
164	33.0	26.4	39.6



#48
2-Nitroaniline
Concen: 90.473 ng
RT: 12.47 min Scan# 1766
Delta R.T. 0.01 min
Lab File: BP001331.D
Acq: 19 Dec 2019 18:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.3	48.3	72.5
138	79.5	60.2	90.4





#49

Acenaphthylene

Concen: 85.795 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.01 min

Lab File: BP001331.D

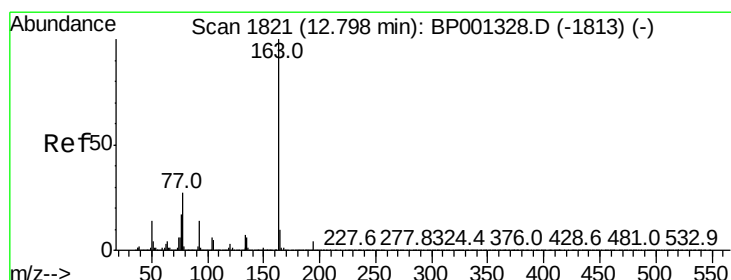
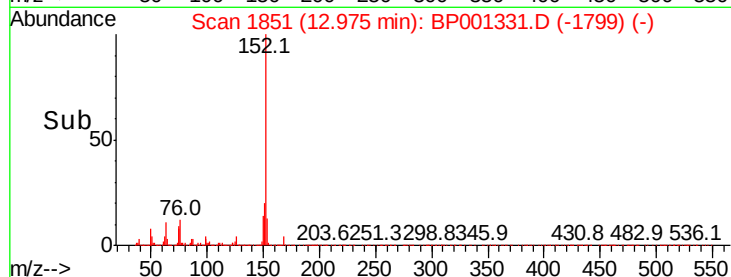
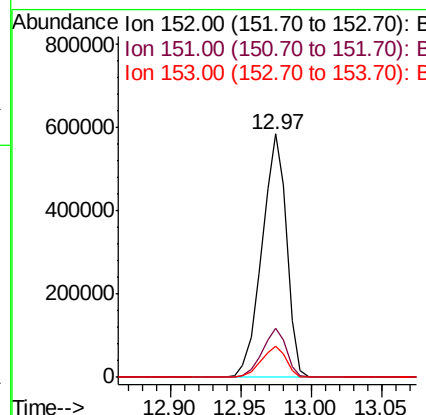
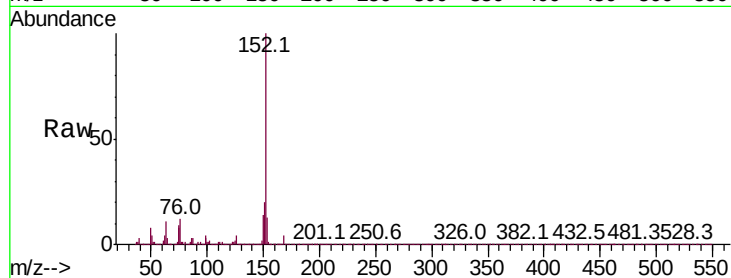
Acq: 19 Dec 2019 18:49

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	152	Resp:	715769
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	13.0	10.4	15.6



#50

Dimethylphthalate

Concen: 86.992 ng

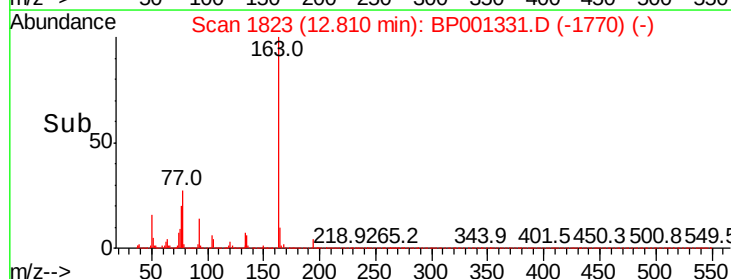
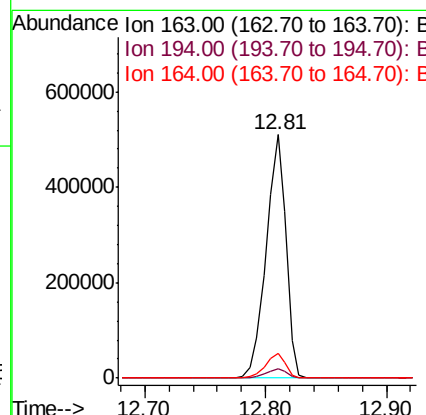
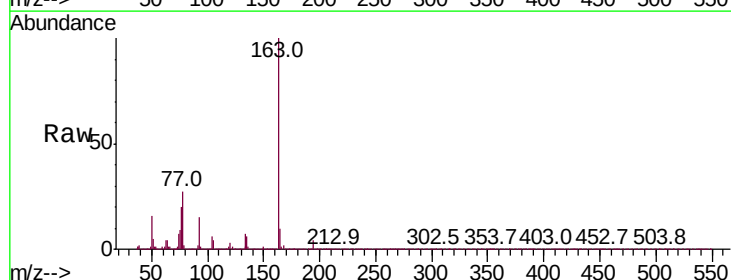
RT: 12.81 min Scan# 1823

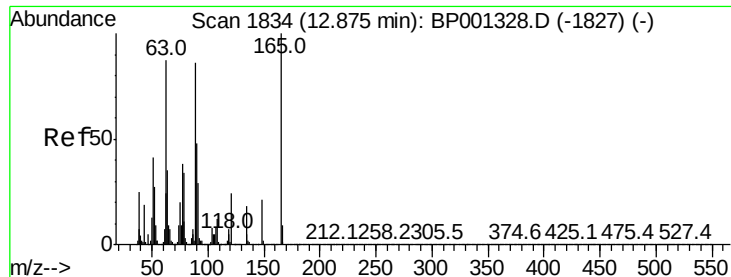
Delta R.T. 0.01 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

Tgt Ion:	163	Resp:	586587
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.0
164	10.2	7.9	11.9





#51

2,6-Dinitrotoluene

Concen: 85.223 ng

RT: 12.89 min Scan# 1836

Delta R.T. 0.01 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

Instrument :

BNA_P

ClientSampleId :

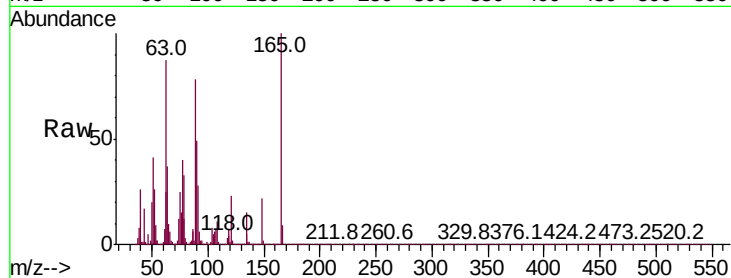
Tot Ion:165 Resp: 123015

Ion Ratio Lower Upper

165 100

63 87.3 71.3 106.9

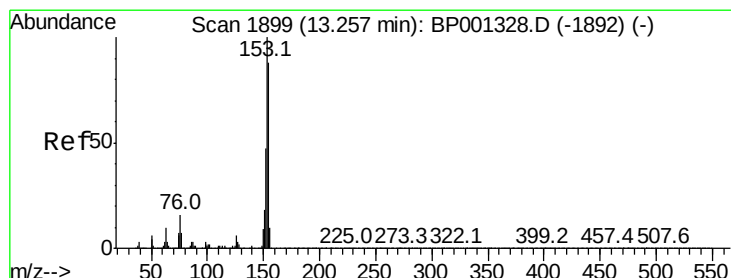
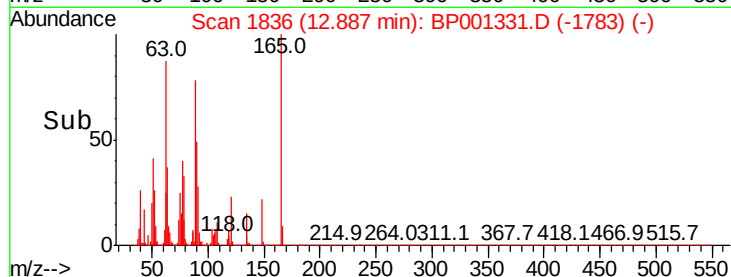
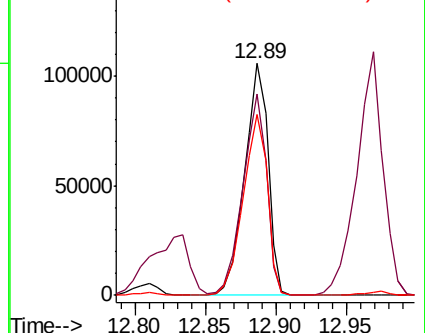
89 78.1 68.5 102.7



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: 85.788 ng

RT: 13.26 min Scan# 1900

Delta R.T. 0.01 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

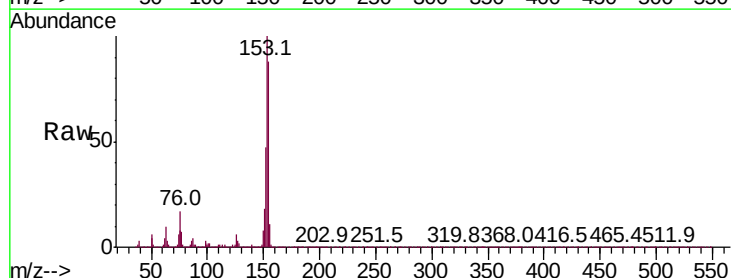
Tgt Ion:154 Resp: 430523

Ion Ratio Lower Upper

154 100

153 113.3 90.6 135.8

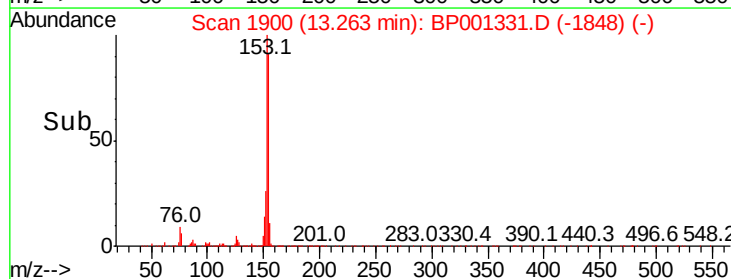
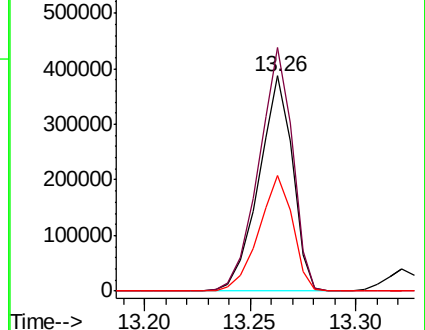
152 53.7 42.4 63.6

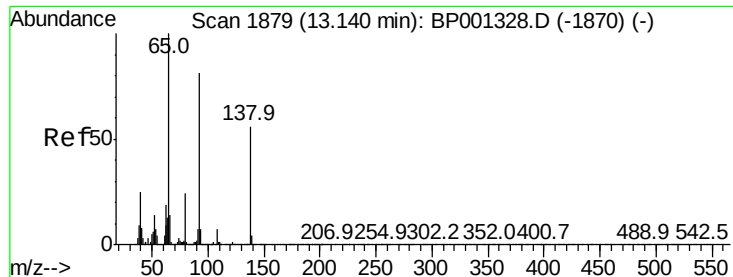


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

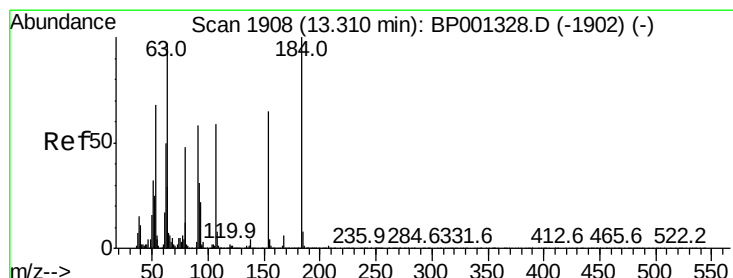
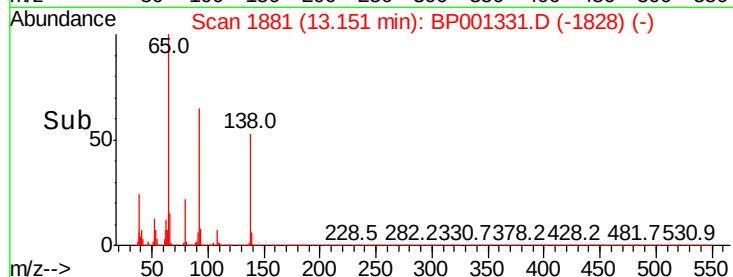
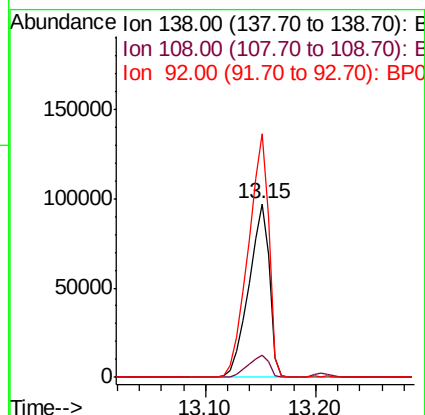
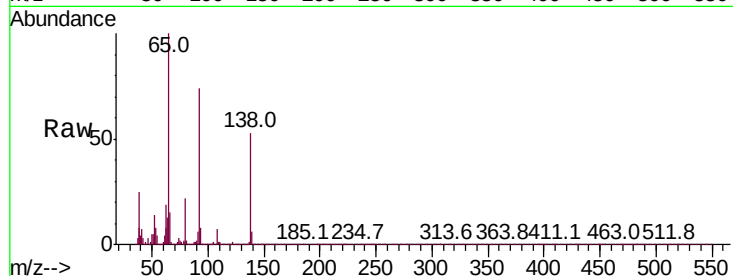




#53
3-Nitroaniline
Concen: 78.497 ng
RT: 13.15 min Scan# 1881
Delta R.T. 0.01 min
Lab File: BP001331.D
Acq: 19 Dec 2019 18:49

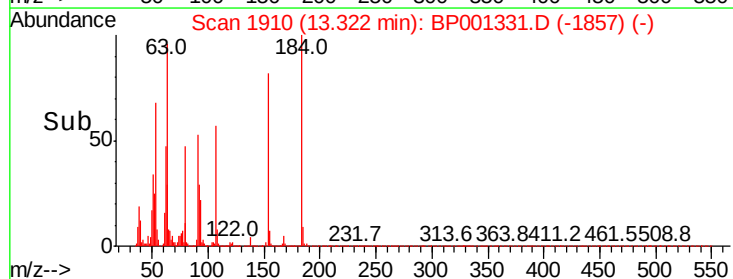
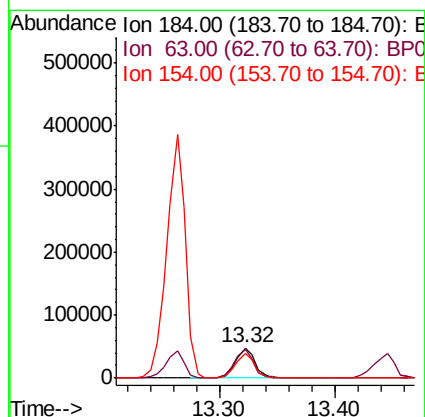
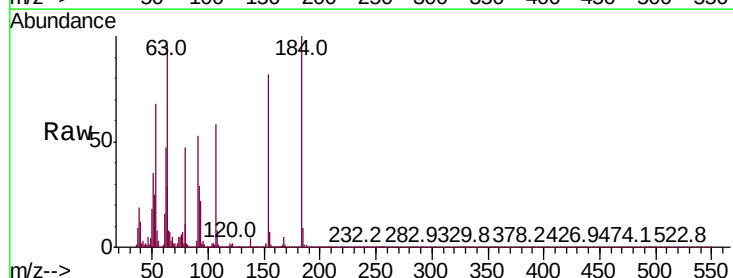
Instrument :
BNA_P
ClientSampleId :

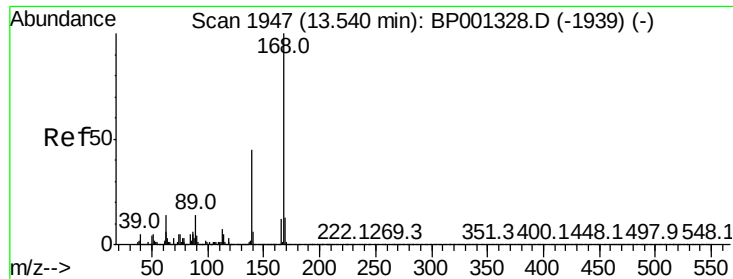
Tot Ion:138 Resp: 127281
Ion Ratio Lower Upper
138 100
108 12.8 10.1 15.1
92 140.2 114.6 172.0



#54
2,4-Dinitrophenol
Concen: 113.168 ng
RT: 13.32 min Scan# 1910
Delta R.T. 0.01 min
Lab File: BP001331.D
Acq: 19 Dec 2019 18:49

Tgt Ion:184 Resp: 57283
Ion Ratio Lower Upper
184 100
63 95.8 78.6 117.8
154 82.0 62.2 93.2

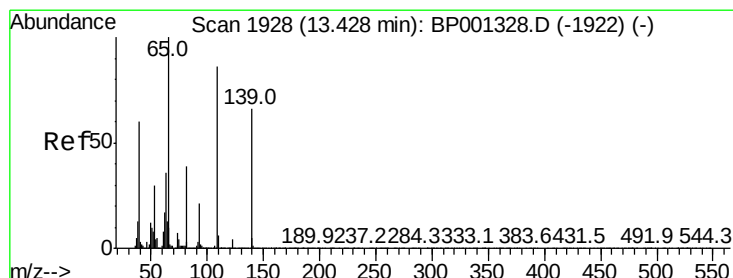
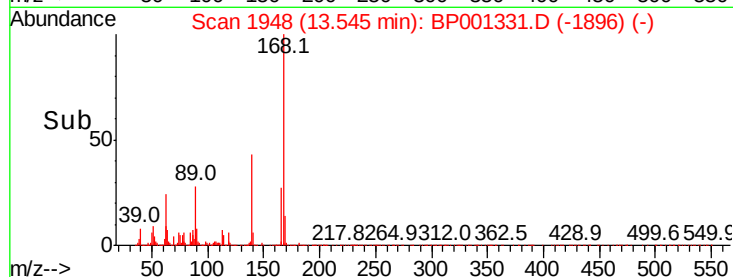
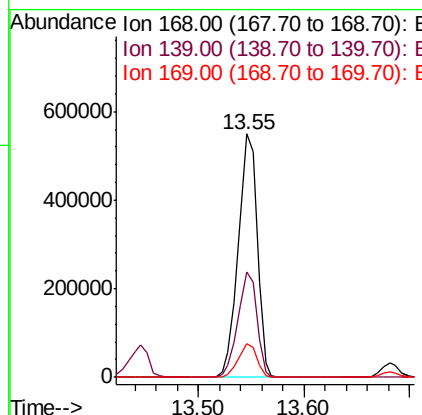
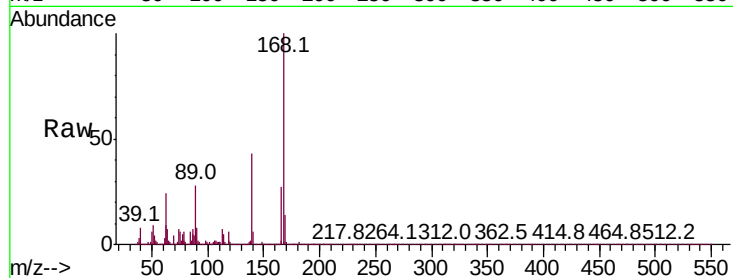




#55
Dibenzofuran
Concen: 89.442 ng
RT: 13.55 min Scan# 1948
Delta R.T. 0.01 min
Lab File: BP001331.D
Acq: 19 Dec 2019 18:49

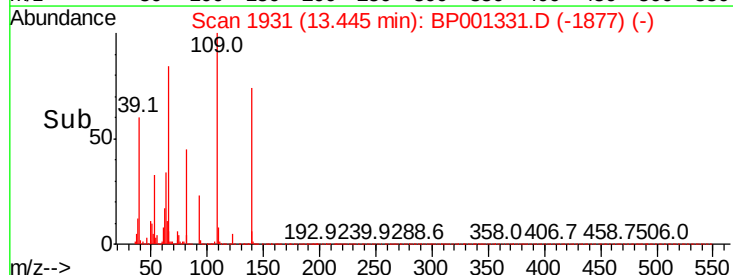
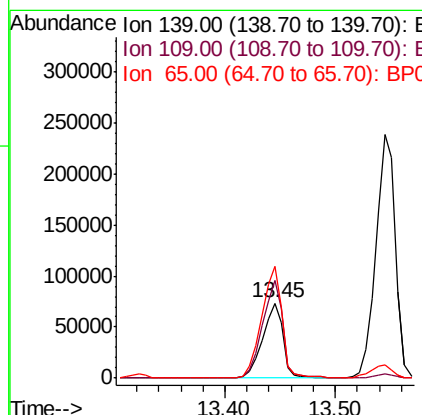
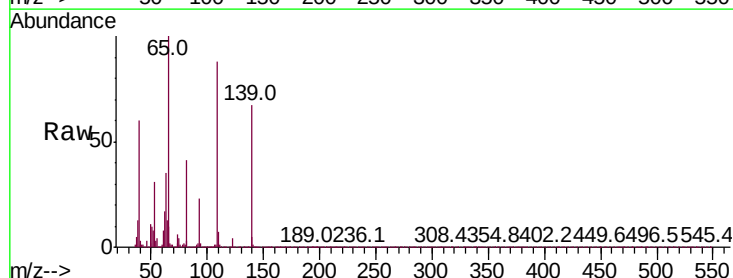
Instrument :
BNA_P
ClientSampleId :

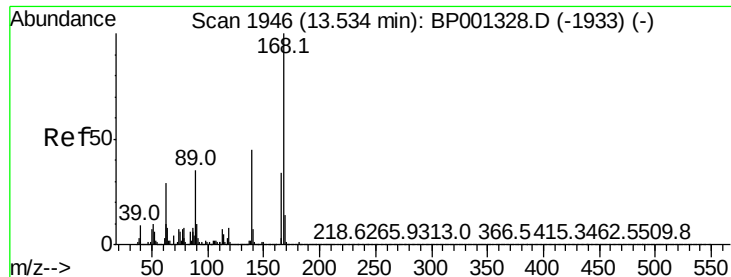
Tot Ion:168 Resp: 674501
Ion Ratio Lower Upper
168 100
139 43.4 35.8 53.8
169 13.7 10.5 15.7



#56
4-Nitrophenol
Concen: 83.264 ng
RT: 13.45 min Scan# 1931
Delta R.T. 0.02 min
Lab File: BP001331.D
Acq: 19 Dec 2019 18:49

Tgt Ion:139 Resp: 95669
Ion Ratio Lower Upper
139 100
109 131.4 110.1 150.1
65 149.8 131.3 171.3





#57

2,4-Dinitrotoluene

Concen: 95.992 ng

RT: 13.55 min Scan# 1948

Delta R.T. 0.01 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

Instrument :

BNA_P

ClientSampleId :

Tot Ion:165 Resp: 173679

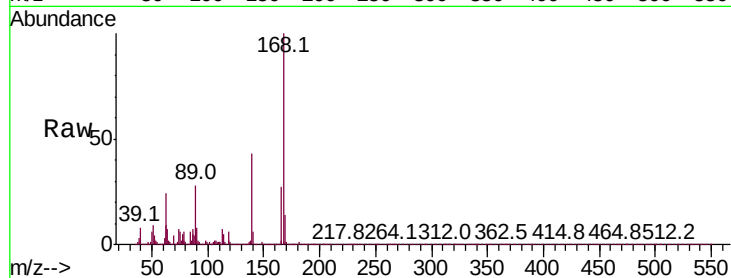
Ion Ratio Lower Upper

165 100

63 90.1 67.6 101.4

89 106.5 81.3 121.9

182 2.9 2.2 3.2

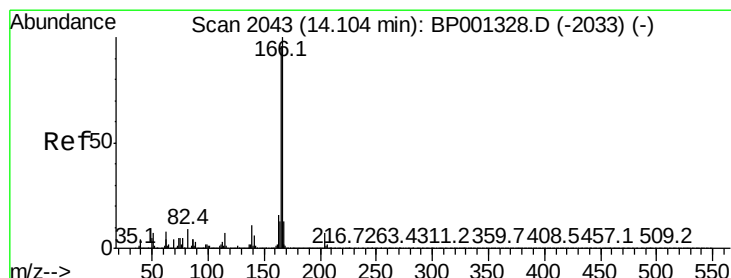
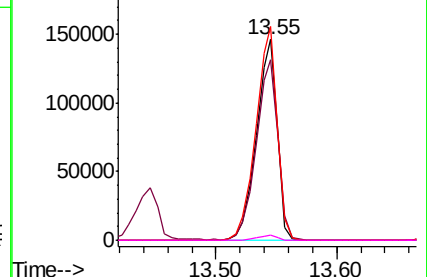
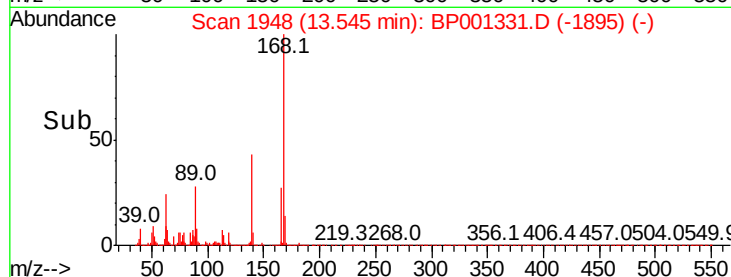


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 89.781 ng

RT: 14.11 min Scan# 2044

Delta R.T. 0.01 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

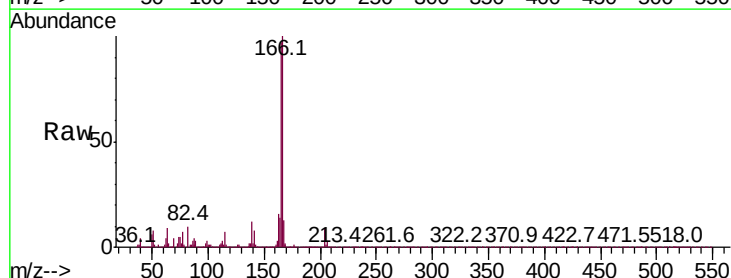
Tgt Ion:166 Resp: 542524

Ion Ratio Lower Upper

166 100

165 97.2 76.9 115.3

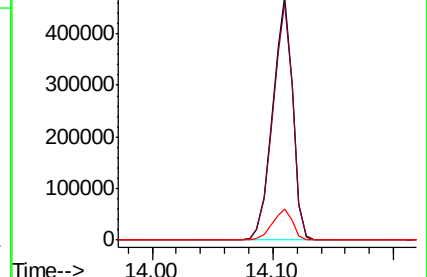
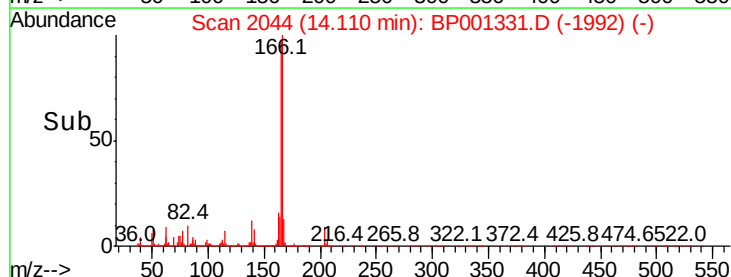
167 12.8 10.3 15.5

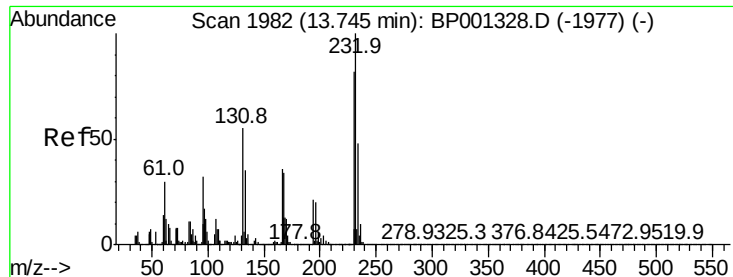


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

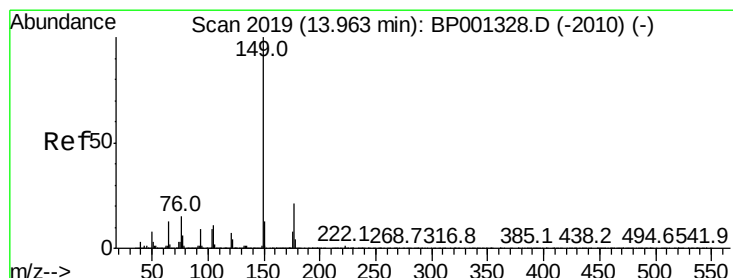
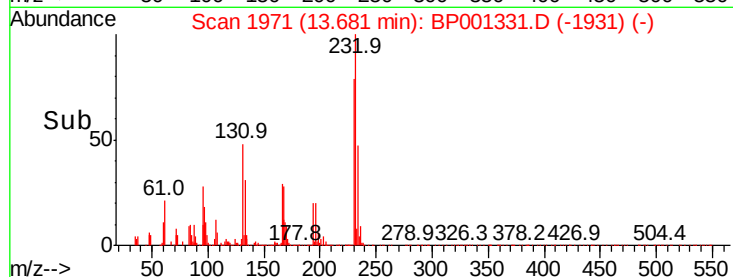
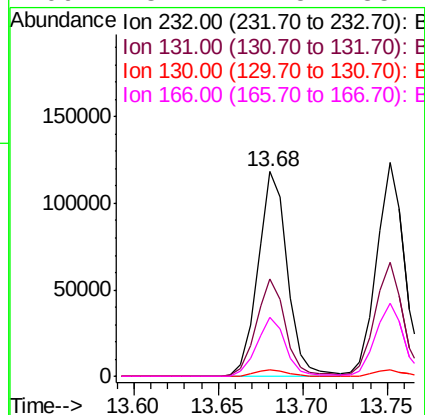
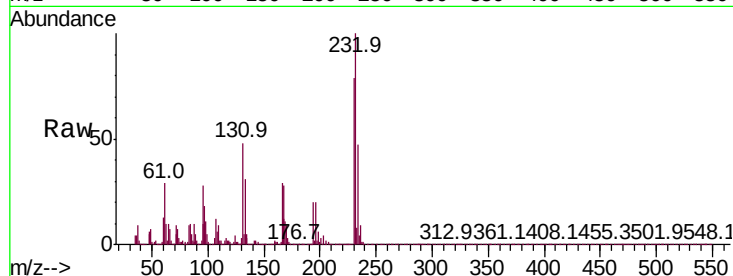




#59
2,3,4,6-Tetrachlorophenol
Concen: 90.798 ng
RT: 13.68 min Scan# 1971
Delta R.T. -0.06 min
Lab File: BP001331.D
Acq: 19 Dec 2019 18:49

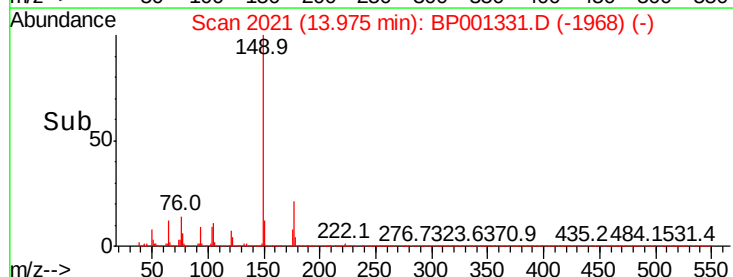
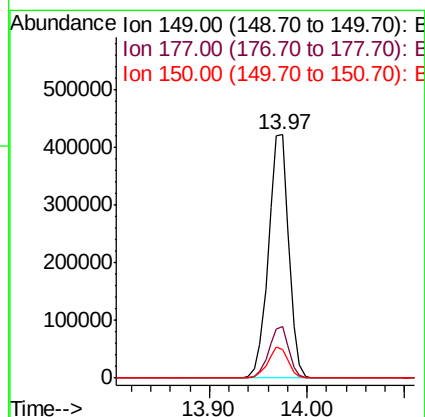
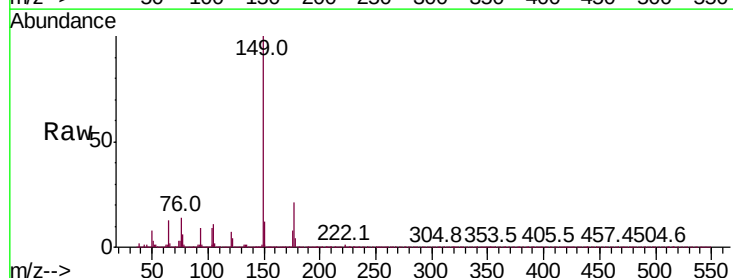
Instrument :
BNA_P
ClientSampleId :

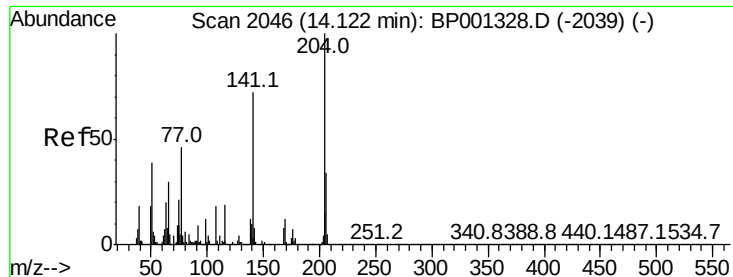
Tot Ion:	232	Resp:	143467
Ion	Ratio	Lower	Upper
232	100		
131	47.4	36.1	54.1
130	3.3	2.5	3.7
166	28.4	22.5	33.7



#60
Diethylphthalate
Concen: 87.886 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BP001331.D
Acq: 19 Dec 2019 18:49

Tgt Ion:	149	Resp:	613614
Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.7	25.1
150	11.9	10.2	15.4

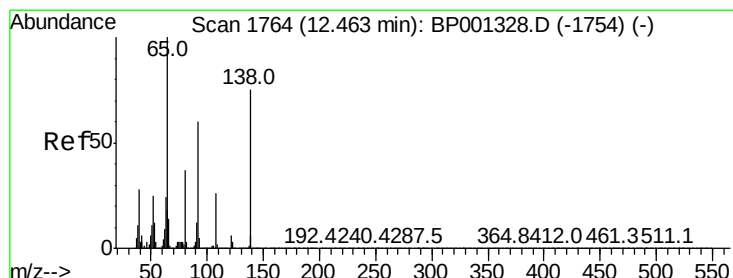
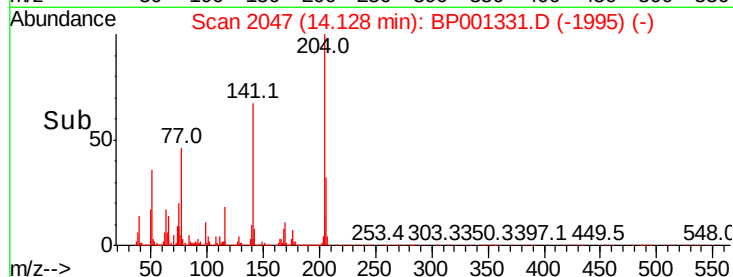
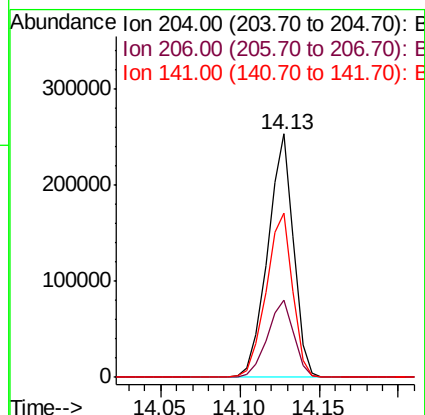
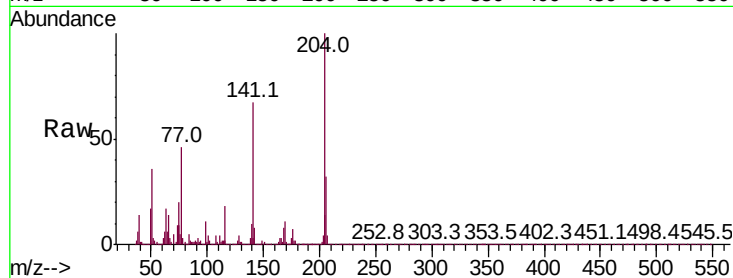




#61
4-Chlorophenyl-phenylether
Concen: 92.966 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.01 min
Lab File: BP001331.D
Acq: 19 Dec 2019 18:49

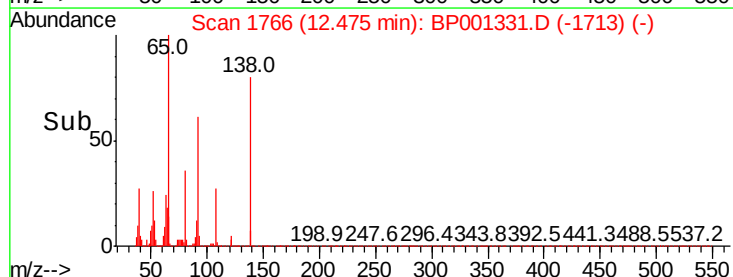
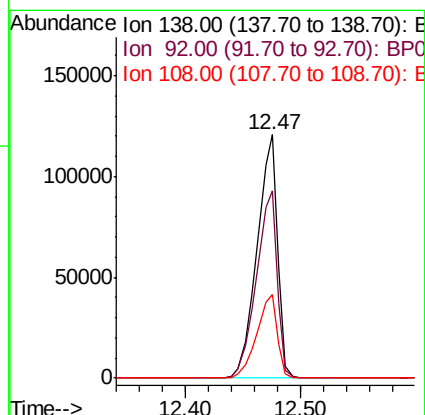
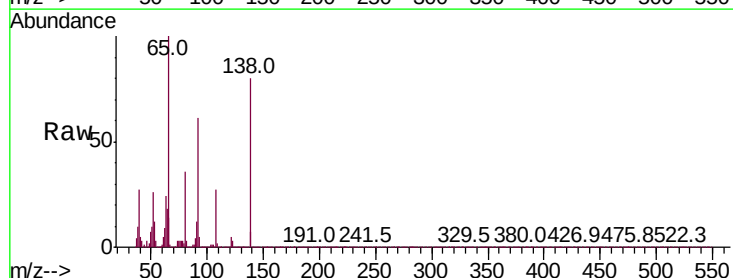
Instrument :
BNA_P
ClientSampleId :

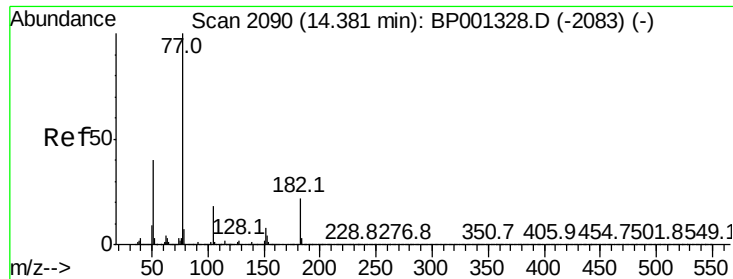
Tot Ion	Ratio	Lower	Upper
204	100		
206	31.9	27.4	41.0
141	67.5	57.3	85.9



#62
4-Nitroaniline
Concen: 79.693 ng
RT: 12.47 min Scan# 1766
Delta R.T. 0.01 min
Lab File: BP001331.D
Acq: 19 Dec 2019 18:49

Tgt Ion	Ratio	Lower	Upper
138	100		
92	77.1	60.3	100.3
108	34.3	14.5	54.5

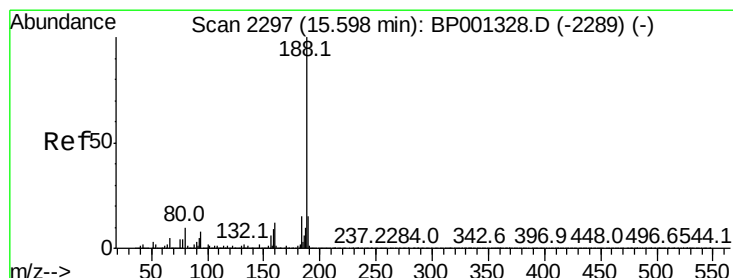
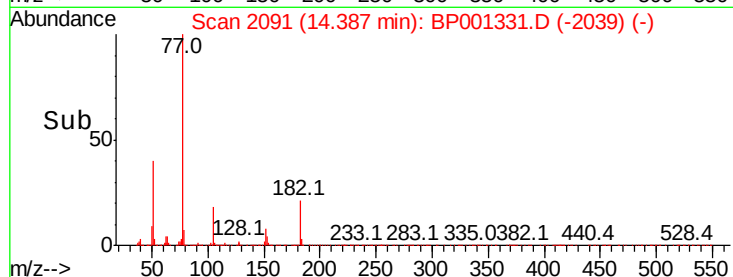
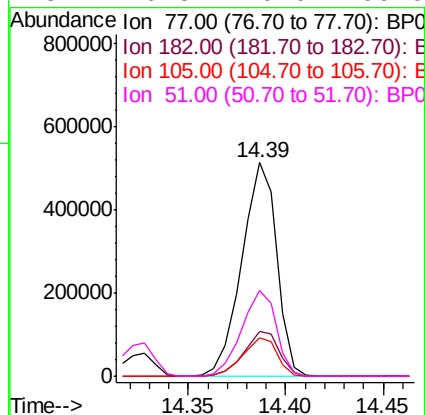
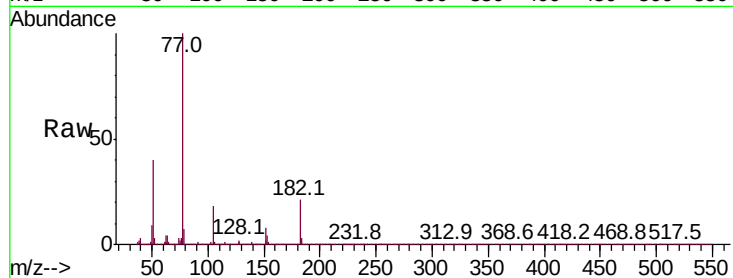




#63
Azobenzene
Concen: 84.388 ng
RT: 14.39 min Scan# 2091
Delta R.T. 0.01 min
Lab File: BP001331.D
Acq: 19 Dec 2019 18:49

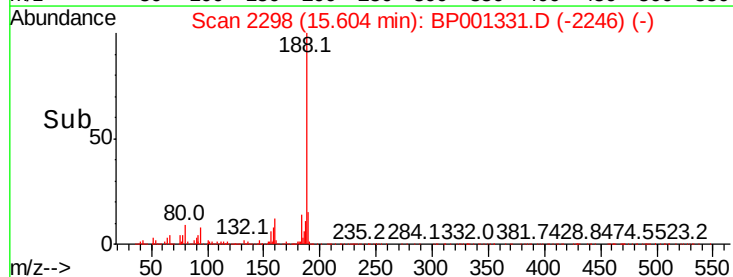
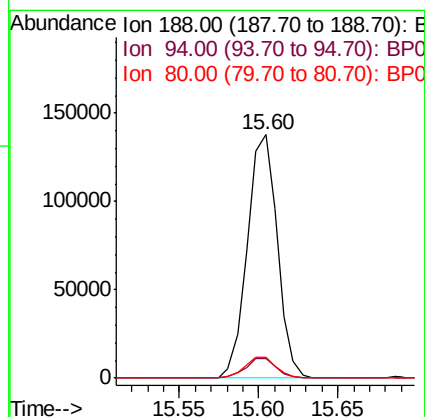
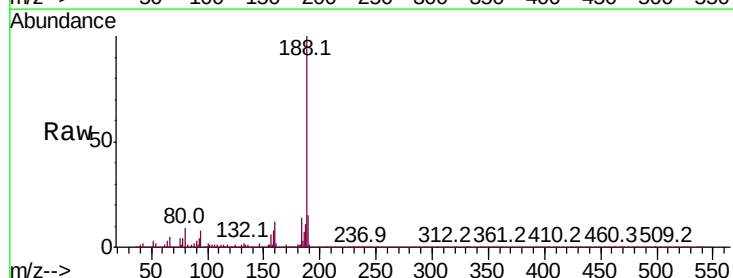
Instrument :
BNA_P
ClientSampleId :

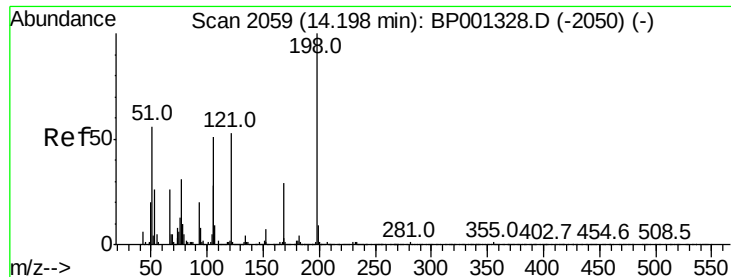
Tot Ion:	77	Resp:	636876
Ion	Ratio	Lower	Upper
77	100		
182	21.1	2.0	42.0
105	18.0	0.0	38.1
51	40.3	20.0	60.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BP001331.D
Acq: 19 Dec 2019 18:49

Tgt Ion:	188	Resp:	180720
Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.6	10.0
80	8.6	7.8	11.6





#65

4,6-Dinitro-2-methylphenol

Concen: 97.342 ng

RT: 14.21 min Scan# 2061

Delta R.T. 0.01 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

Instrument :

BNA_P

ClientSampleId :

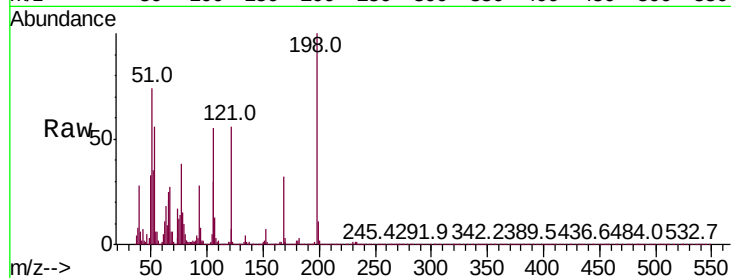
Tot Ion:198 Resp: 70250

Ion Ratio Lower Upper

198 100

51 74.0 47.4 87.4

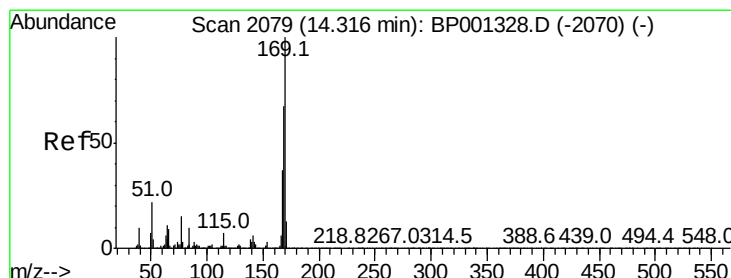
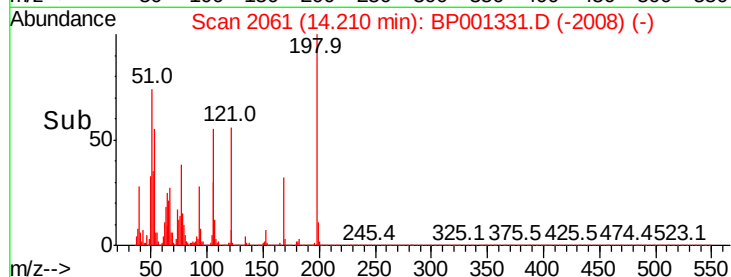
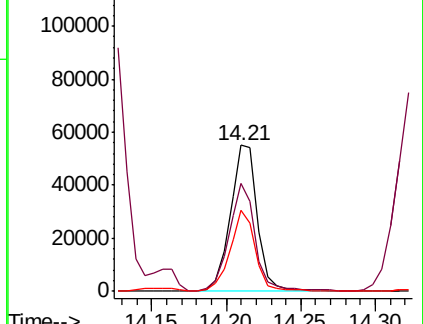
105 55.4 33.1 73.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BPO

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 82.608 ng

RT: 14.33 min Scan# 2081

Delta R.T. 0.01 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

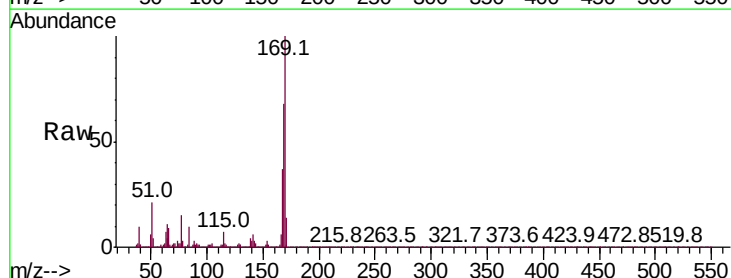
Tgt Ion:169 Resp: 453607

Ion Ratio Lower Upper

169 100

168 67.8 53.4 80.2

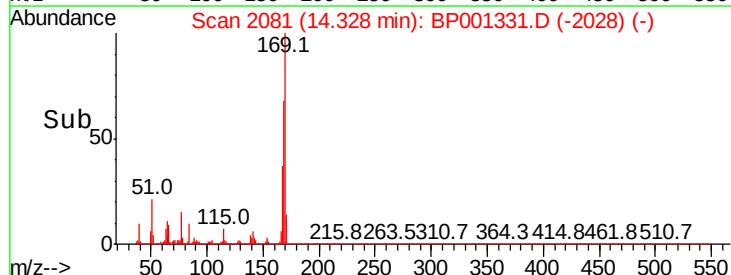
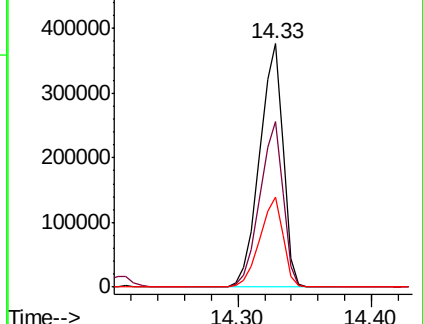
167 36.8 29.4 44.0

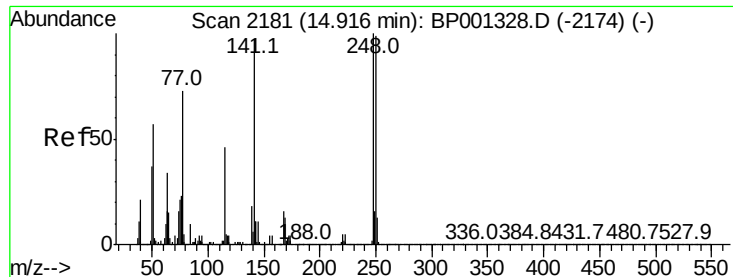


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 85.957 ng

RT: 14.92 min Scan# 2182

Delta R.T. 0.01 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

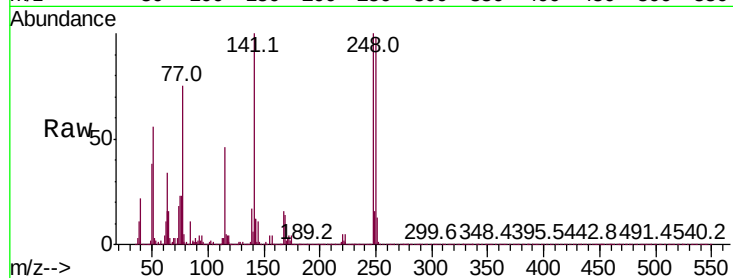
Instrument :

BNA_P

ClientSampleId :

Tot Ion:248 Resp: 168649

Ion	Ratio	Lower	Upper
248	100		
250	98.4	79.3	118.9
141	99.9	77.5	116.3

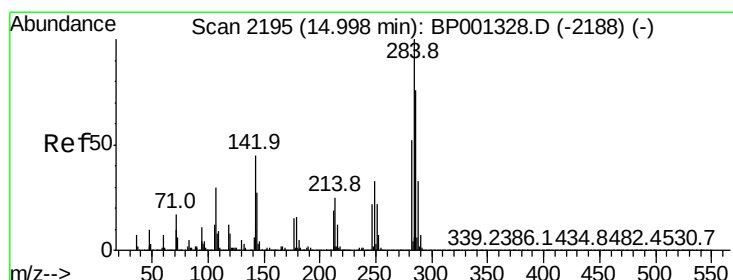
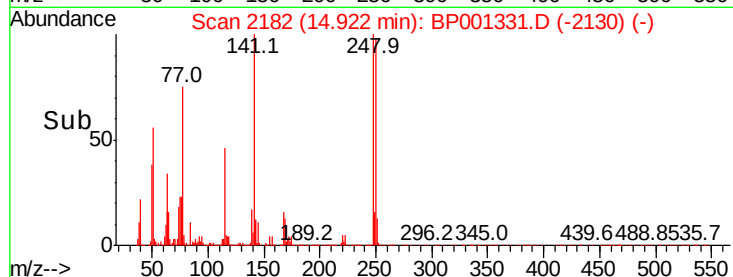
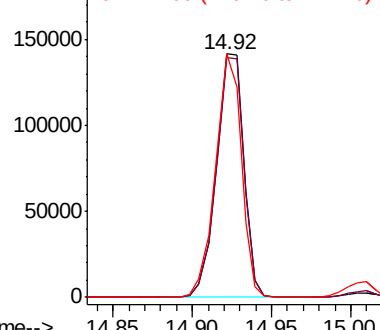


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 89.493 ng

RT: 15.01 min Scan# 2197

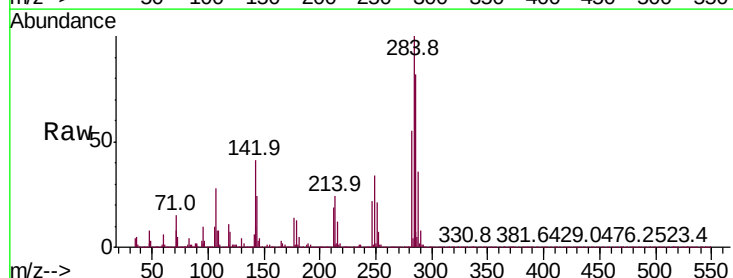
Delta R.T. 0.01 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

Tgt Ion:284 Resp: 193036

Ion	Ratio	Lower	Upper
284	100		
142	40.8	36.1	54.1
249	33.7	26.3	39.5

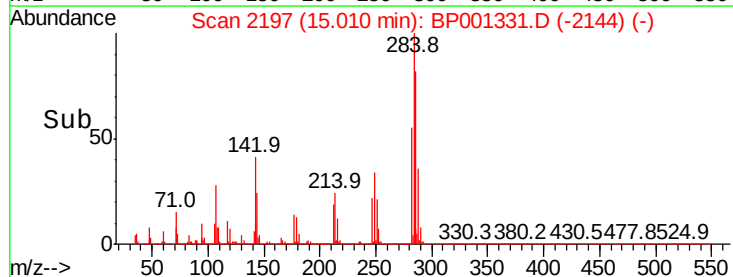
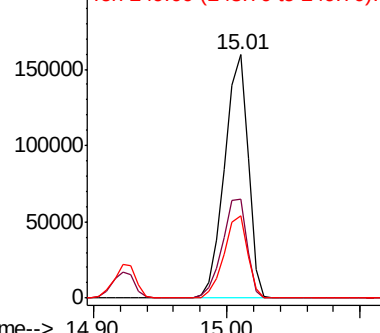


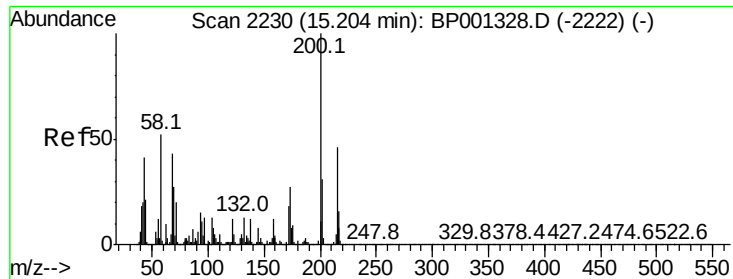
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

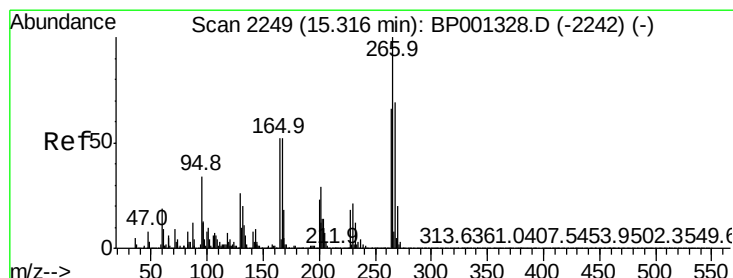
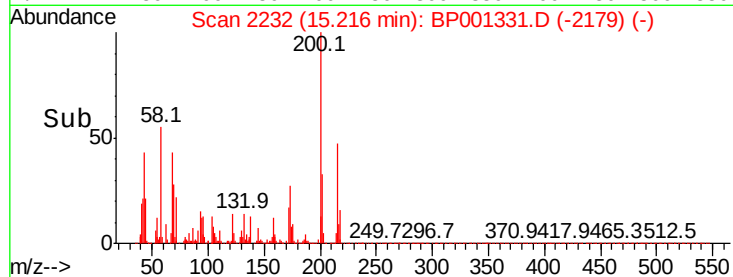
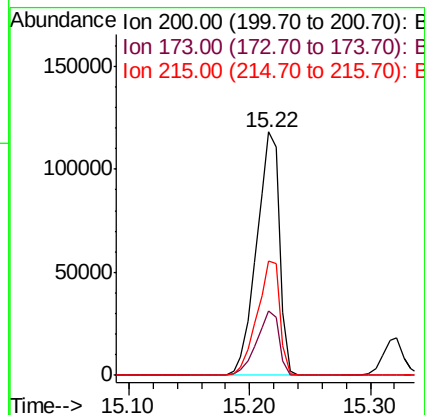
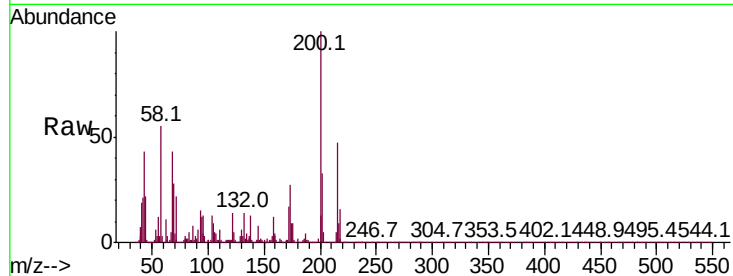




#69
Atrazine
Concen: 93.381 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BP001331.D
Acq: 19 Dec 2019 18:49

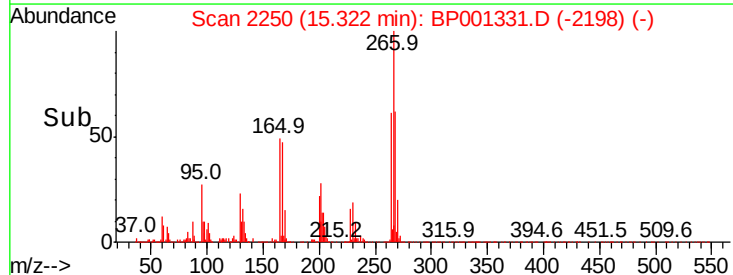
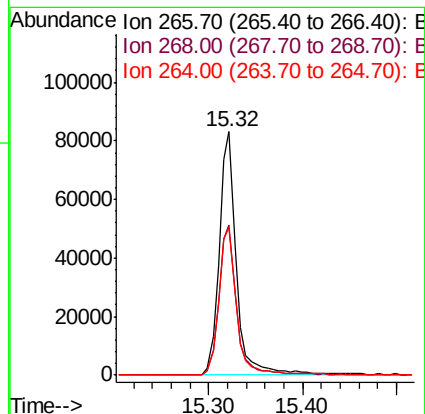
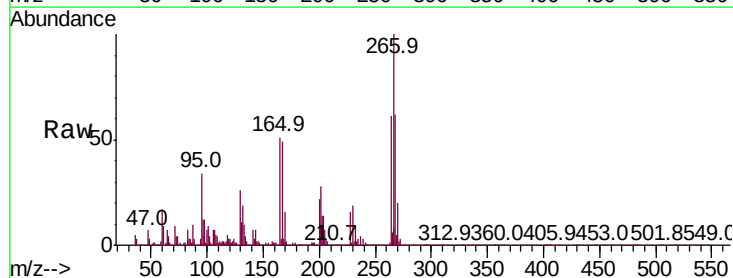
Instrument :
BNA_P
ClientSampleId :

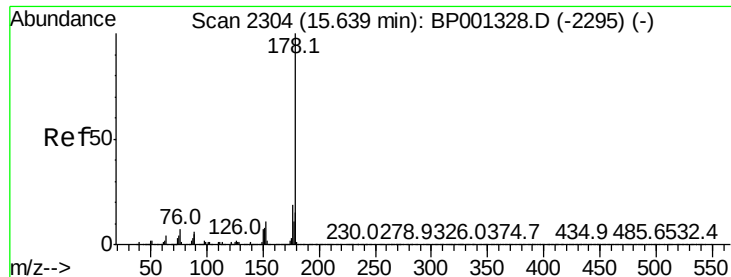
Tot Ion:200 Resp: 156562
Ion Ratio Lower Upper
200 100
173 26.7 6.8 46.8
215 46.9 26.1 66.1



#70
Pentachlorophenol
Concen: 94.736 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.01 min
Lab File: BP001331.D
Acq: 19 Dec 2019 18:49

Tgt Ion:266 Resp: 106505
Ion Ratio Lower Upper
266 100
268 61.7 55.4 83.2
264 60.6 53.2 79.8





#71

Phenanthrene

Concen: 86.660 ng

RT: 15.65 min Scan# 2305

Delta R.T. 0.01 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

Instrument :

BNA_P

ClientSampled :

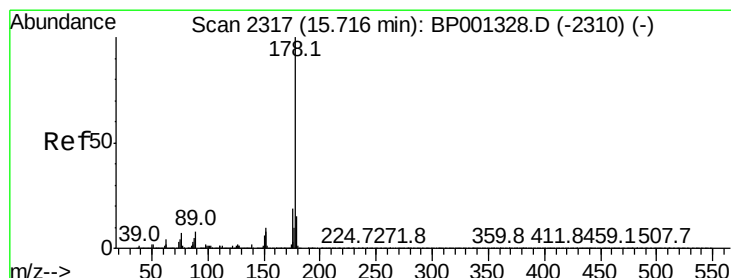
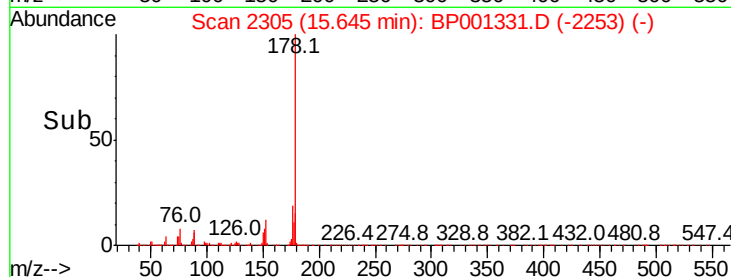
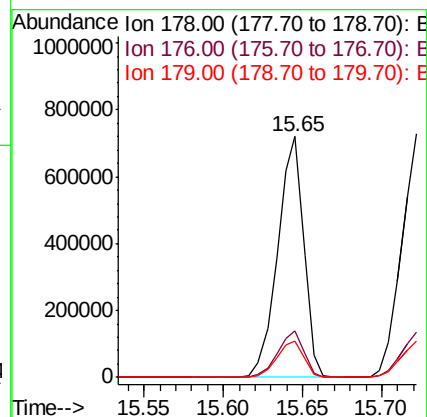
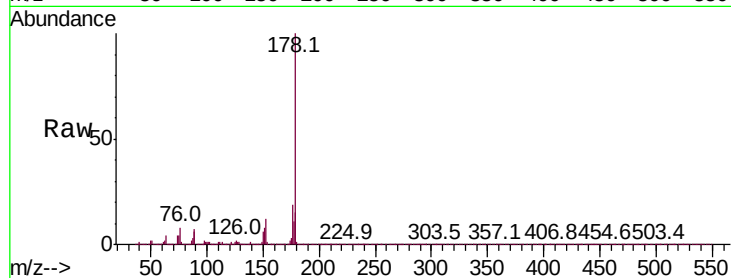
Tot Ion:178 Resp: 823365

Ion Ratio Lower Upper

178 100

176 19.3 15.2 22.8

179 15.1 12.0 18.0



#72

Anthracene

Concen: 87.146 ng

RT: 15.72 min Scan# 2318

Delta R.T. 0.01 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

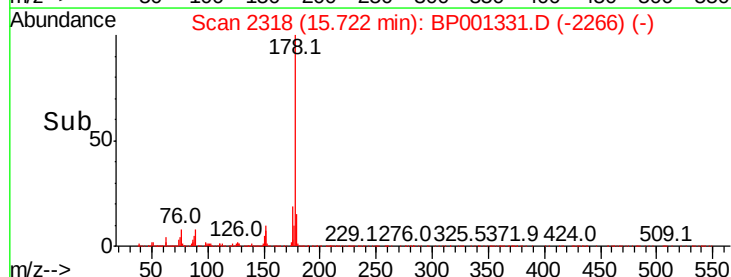
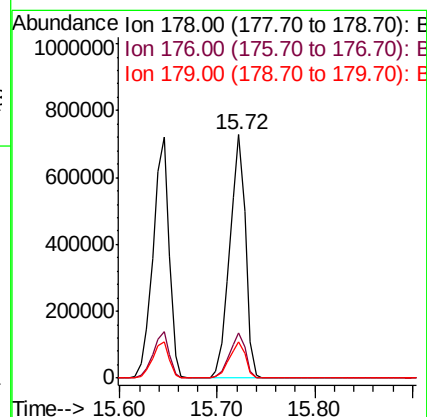
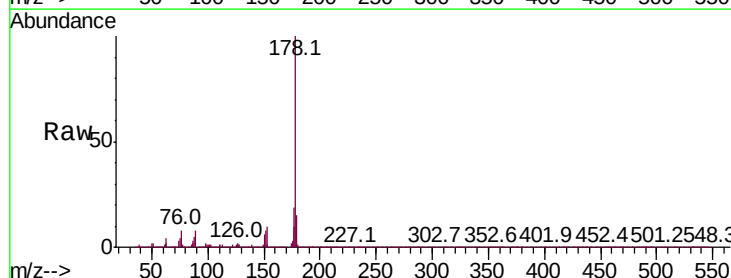
Tgt Ion:178 Resp: 816094

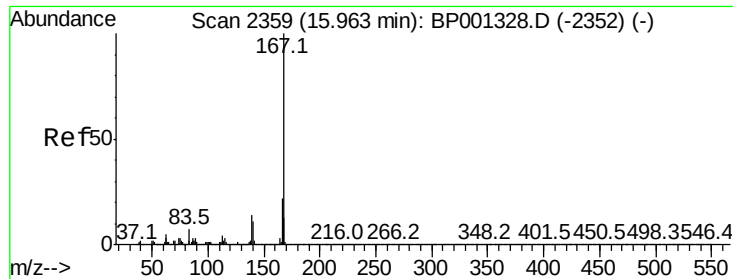
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.6

179 14.9 11.9 17.9

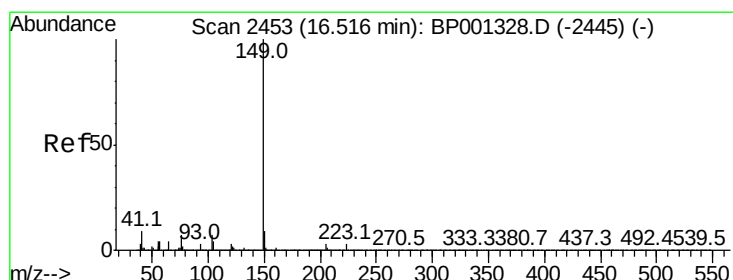
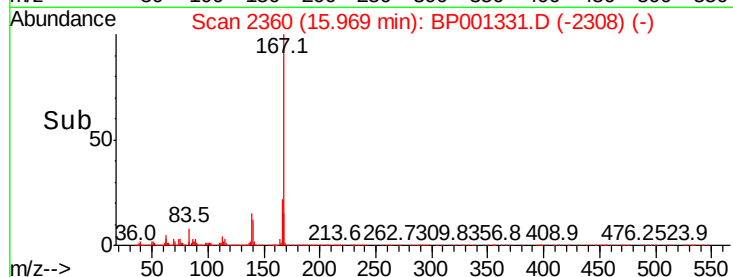
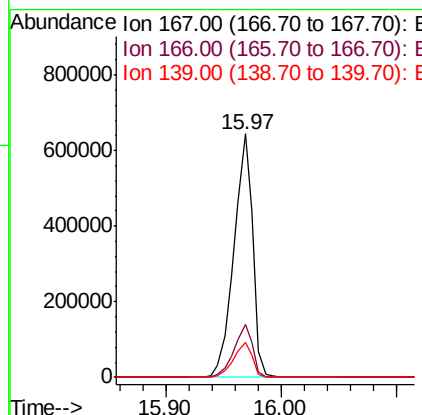
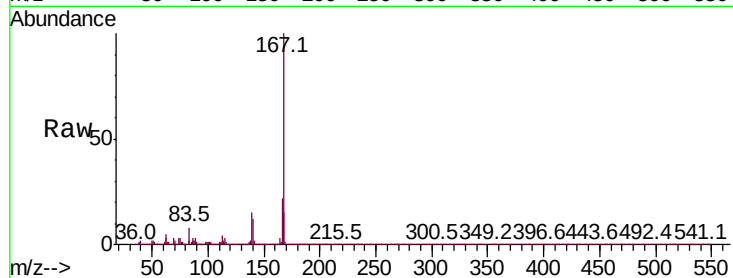




#73
 Carbazole
 Concen: 84.755 ng
 RT: 15.97 min Scan# 2360
 Delta R.T. 0.01 min
 Lab File: BP001331.D
 Acq: 19 Dec 2019 18:49

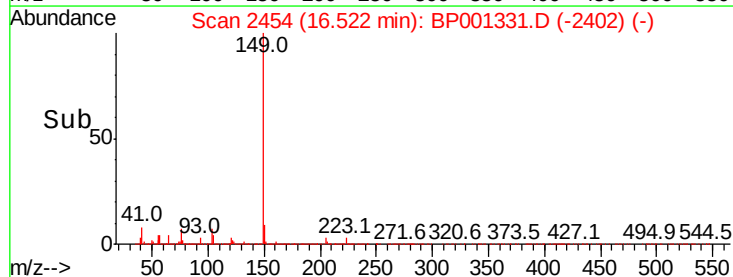
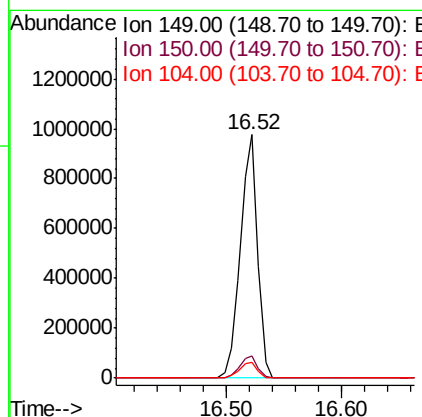
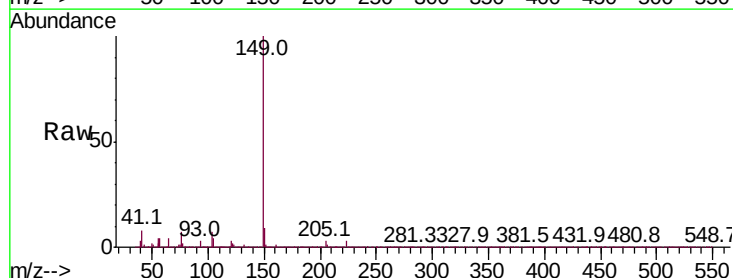
Instrument :
 BNA_P
 ClientSampled :

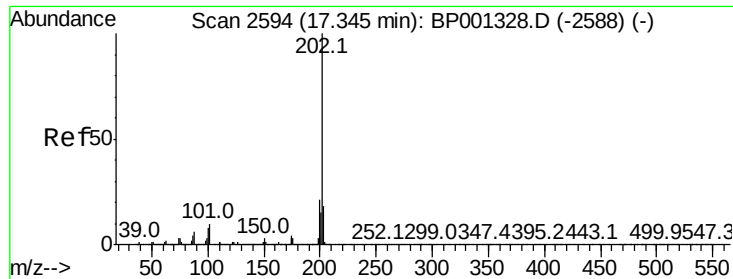
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	14.5	11.1	16.7



#74
 Di-n-butylphthalate
 Concen: 87.382 ng
 RT: 16.52 min Scan# 2454
 Delta R.T. 0.01 min
 Lab File: BP001331.D
 Acq: 19 Dec 2019 18:49

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.5	11.3
104	6.7	5.4	8.2





#75

Fluoranthene

Concen: 91.688 ng

RT: 17.36 min Scan# 2596

Delta R.T. 0.01 min

Lab File: BP001331.D

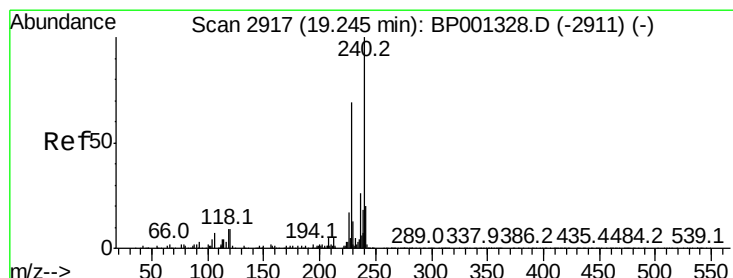
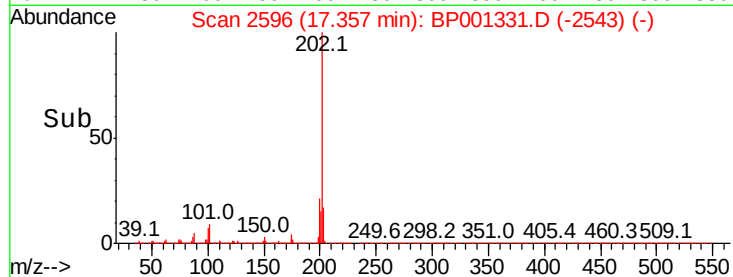
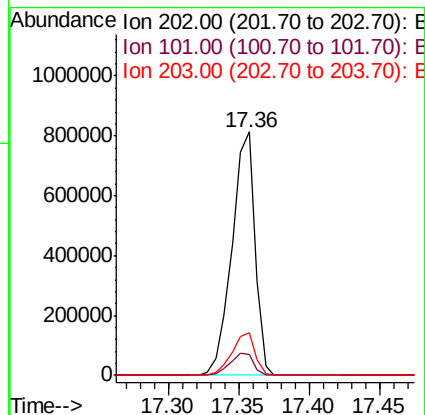
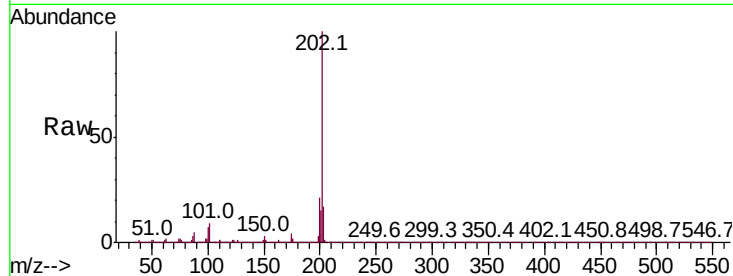
Acq: 19 Dec 2019 18:49

Instrument :

BNA_P

ClientSampled :

Tot Ion:	202	Resp:	922225
Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	29.9
203	17.3	0.0	37.6



#76

Chrysene-d12

Concen: 20.000 ng

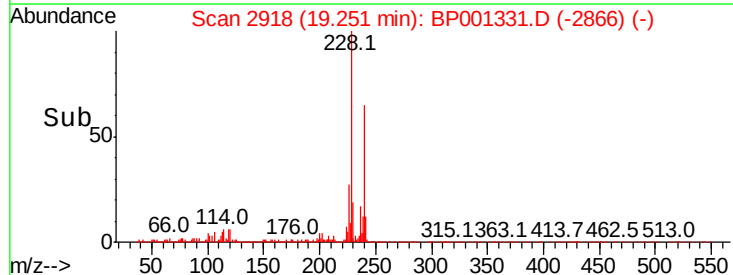
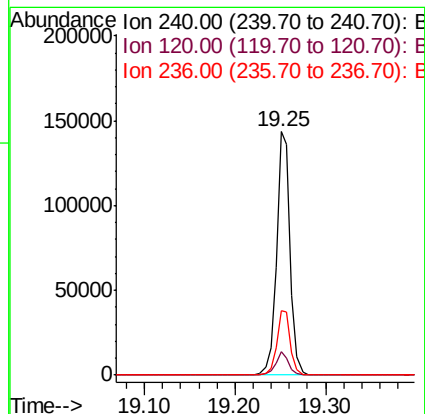
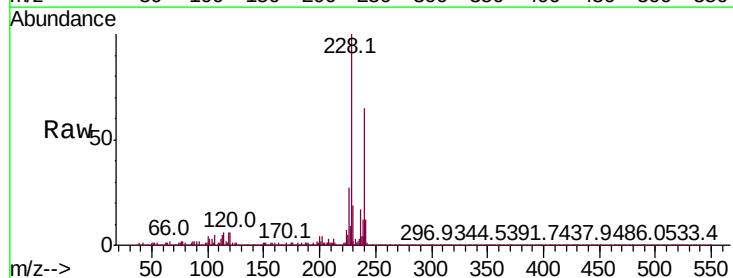
RT: 19.25 min Scan# 2918

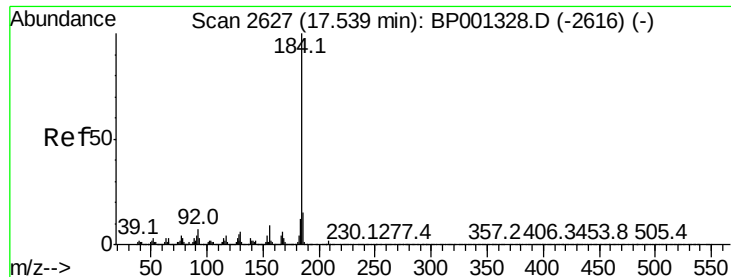
Delta R.T. 0.01 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

Tgt Ion:	240	Resp:	150511
Ion	Ratio	Lower	Upper
240	100		
120	9.6	7.6	11.4
236	26.4	21.0	31.4





#77

Benzidine

Concen: 83.401 ng

RT: 17.54 min Scan# 2627

Delta R.T. 0.00 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

Instrument :

BNA_P

ClientSampleId :

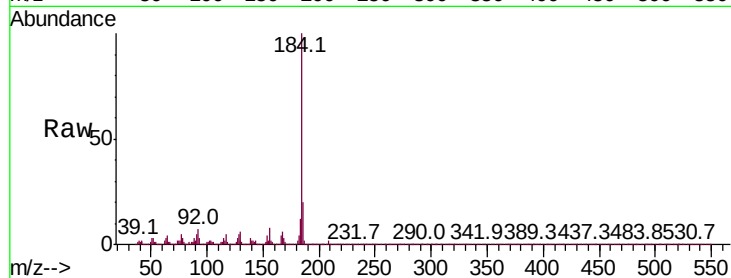
Tot Ion:184 Resp: 324104

Ion Ratio Lower Upper

184 100

185 20.1 11.7 17.5#

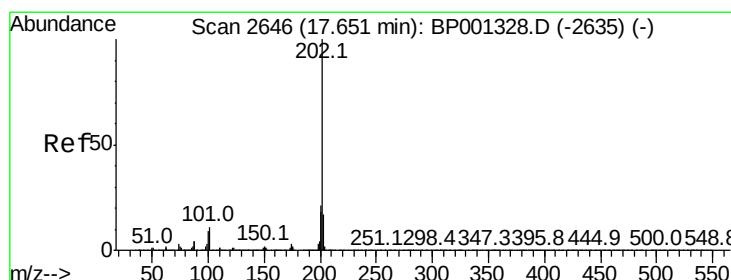
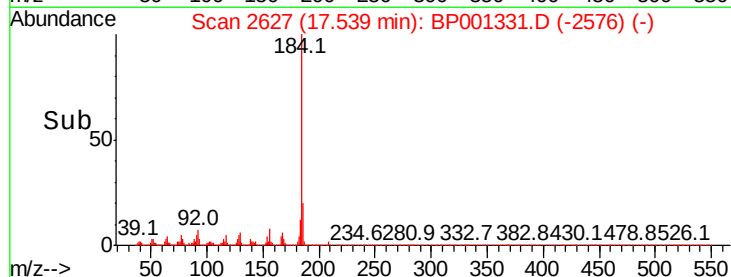
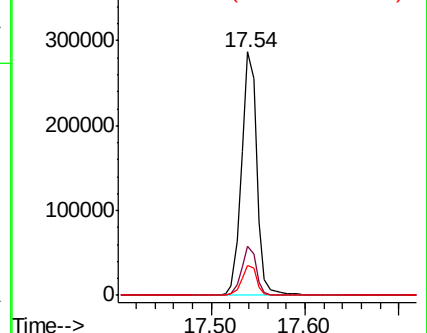
183 12.1 9.8 14.8



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: 78.774 ng

RT: 17.66 min Scan# 2648

Delta R.T. 0.01 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

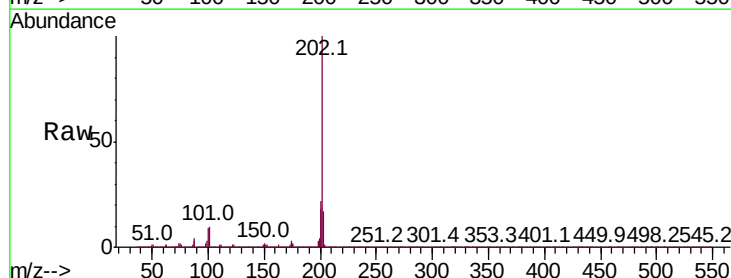
Tgt Ion:202 Resp: 933835

Ion Ratio Lower Upper

202 100

200 21.8 16.8 25.2

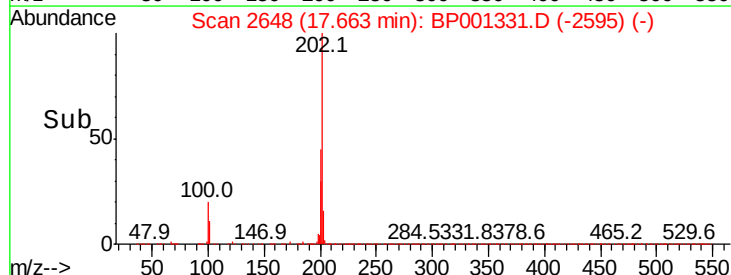
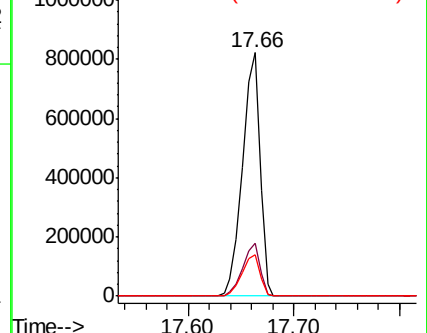
203 17.2 13.8 20.8

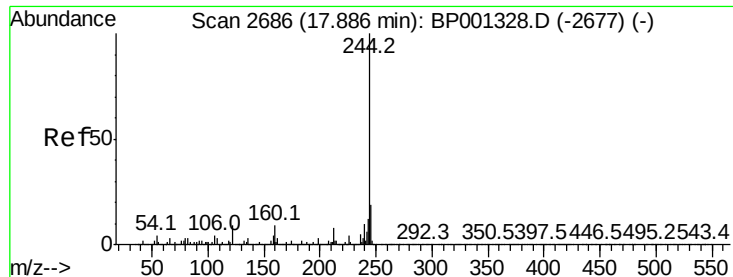


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 173.752 ng

RT: 17.89 min Scan# 2687

Delta R.T. 0.01 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

Instrument :

BNA_P

ClientSampleId :

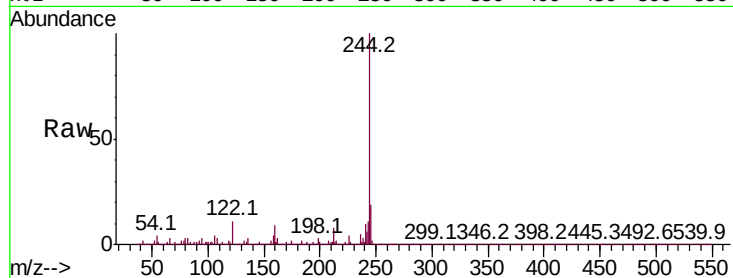
Tot Ion:244 Resp: 1413528

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.6	9.8
122	11.1	7.6	11.4

244 100

212 8.0 6.6 9.8

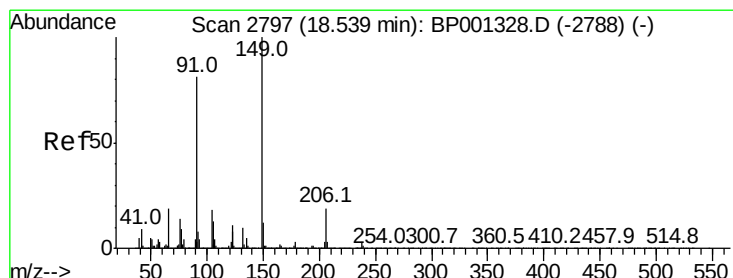
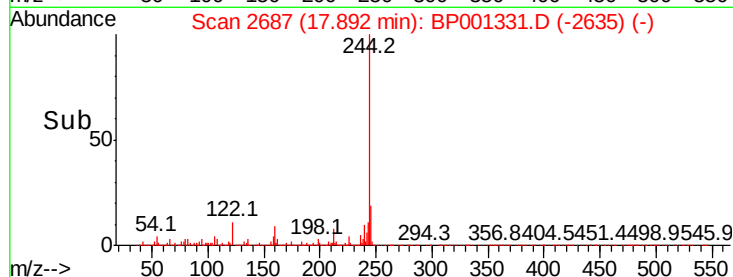
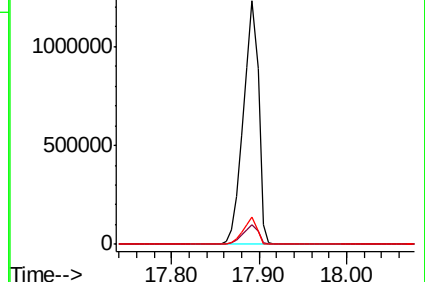
122 11.1 7.6 11.4



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: 79.628 ng

RT: 18.55 min Scan# 2798

Delta R.T. 0.01 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

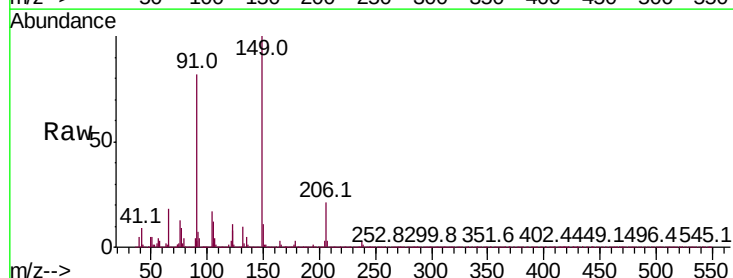
Tgt Ion:149 Resp: 435998

Ion	Ratio	Lower	Upper
149	100		
91	81.6	65.2	97.8
206	20.8	15.6	23.4

149 100

91 81.6 65.2 97.8

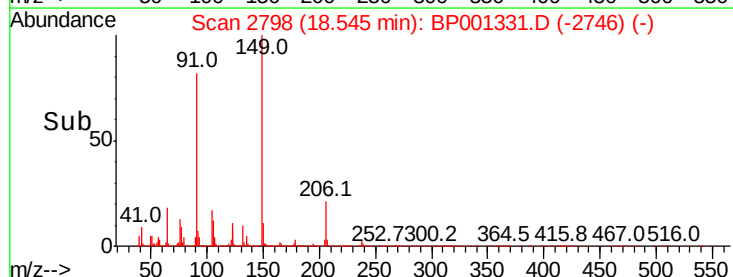
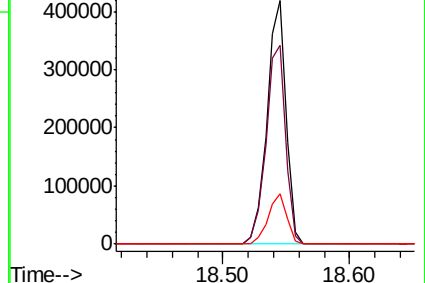
206 20.8 15.6 23.4

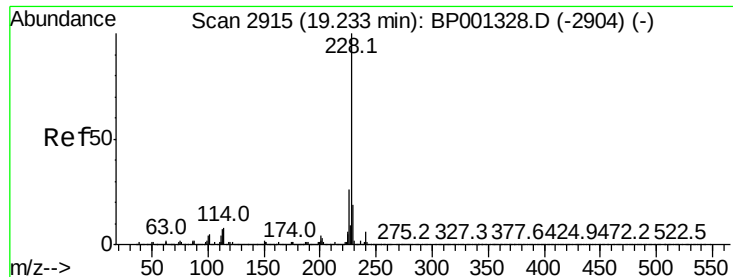


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 83.090 ng

RT: 19.24 min Scan# 2916

Delta R.T. 0.01 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

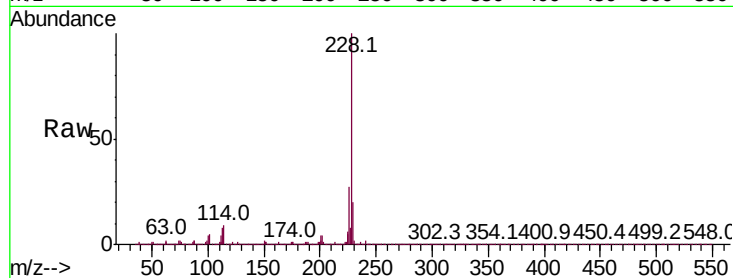
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 867084

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.2	31.8
229	19.6	15.4	23.0

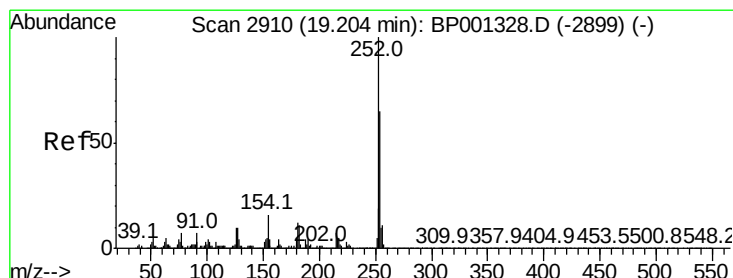
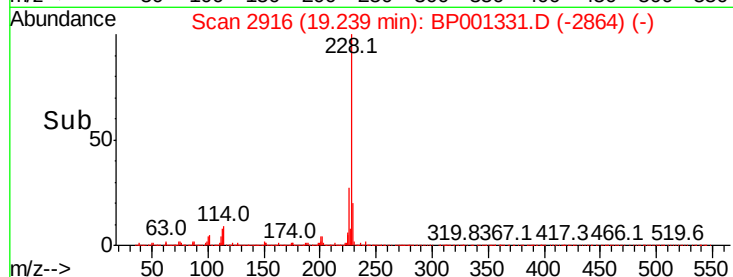
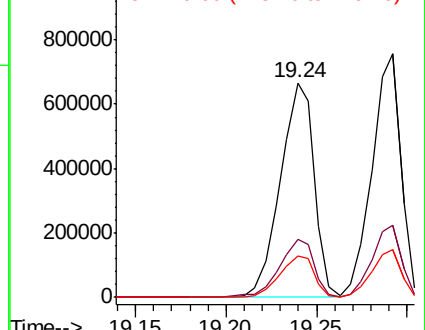


Abundance

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: 83.902 ng

RT: 19.21 min Scan# 2911

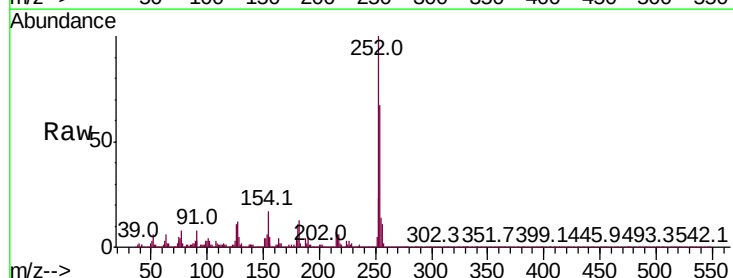
Delta R.T. 0.01 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

Tgt Ion:252 Resp: 289251

Ion	Ratio	Lower	Upper
252	100		
254	67.0	51.8	77.8
126	11.4	8.2	12.2

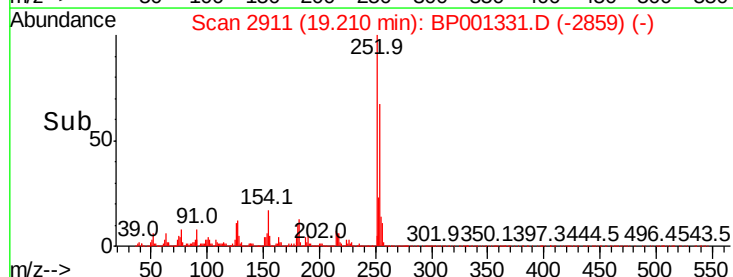
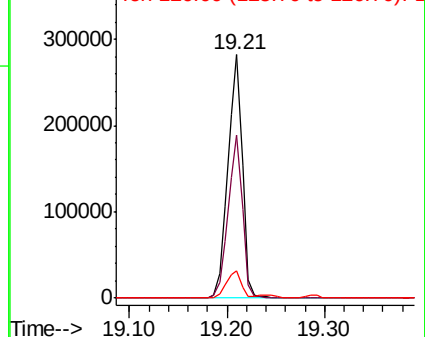


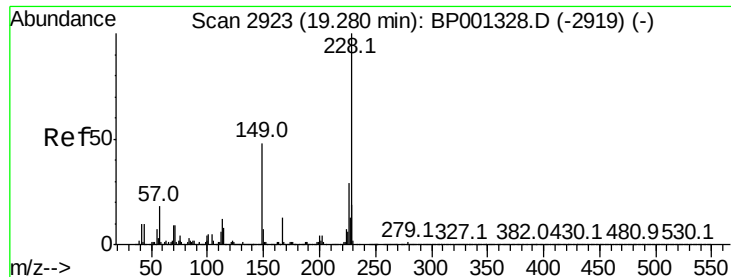
Abundance

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: 89.269 ng

RT: 19.29 min Scan# 2925

Delta R.T. 0.01 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

Instrument :

BNA_P

ClientSampleId :

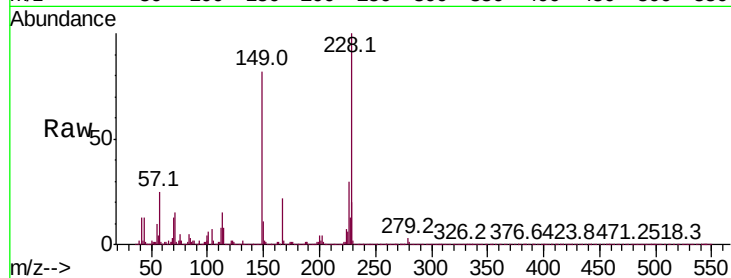
Tot Ion:228 Resp: 834185

Ion Ratio Lower Upper

228 100

226 29.8 23.1 34.7

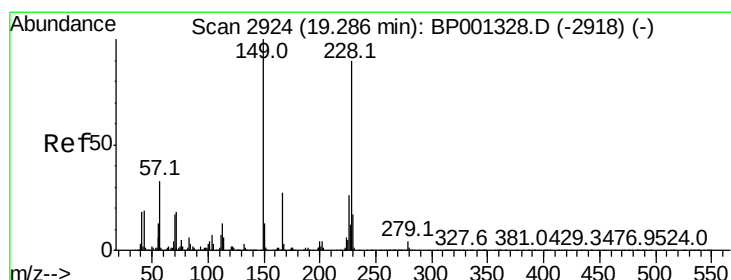
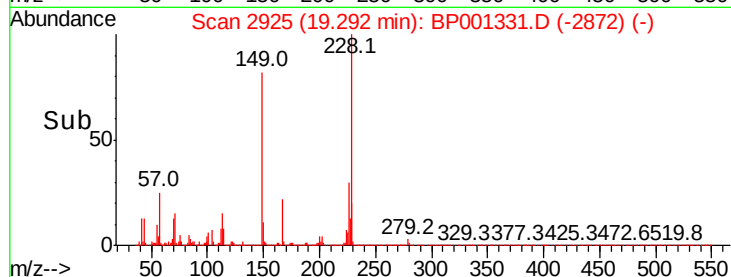
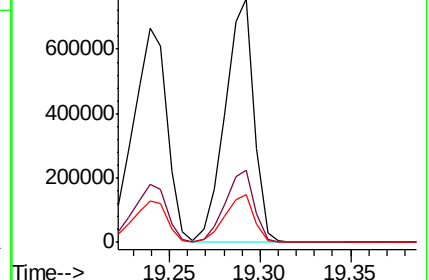
229 19.5 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 85.507 ng

RT: 19.29 min Scan# 2925

Delta R.T. 0.01 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

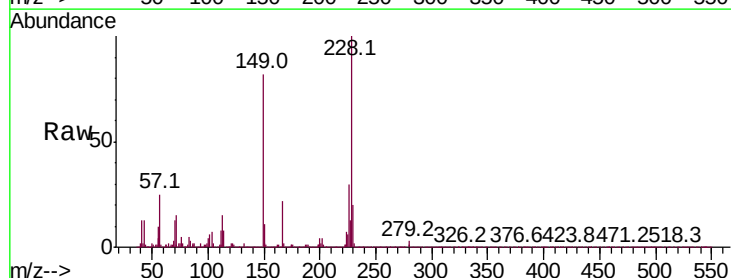
Tgt Ion:149 Resp: 643701

Ion Ratio Lower Upper

149 100

167 26.4 21.8 32.6

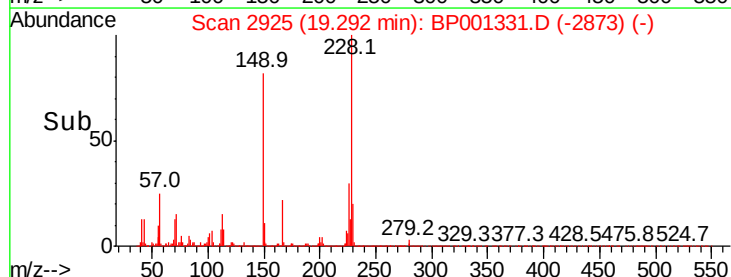
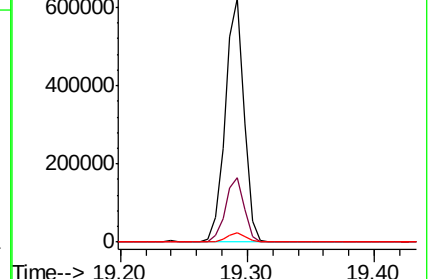
279 4.0 3.0 4.4

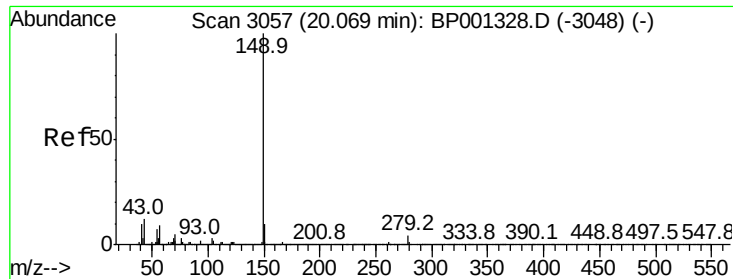


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 78.866 ng

RT: 20.07 min Scan# 3058

Delta R.T. 0.01 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

Instrument :

BNA_P

ClientSampleId :

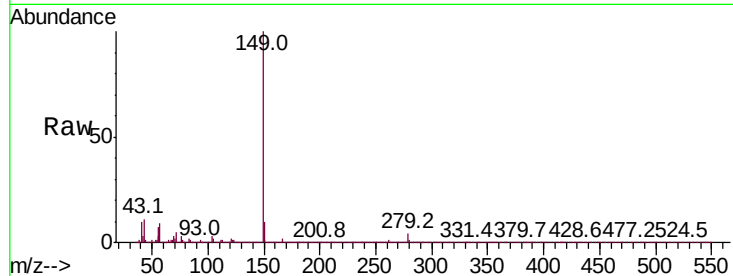
Tot Ion:149 Resp: 1054667

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

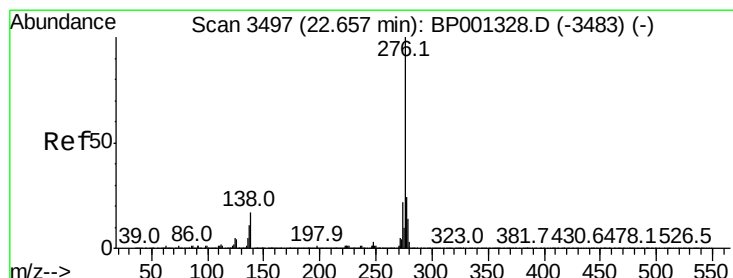
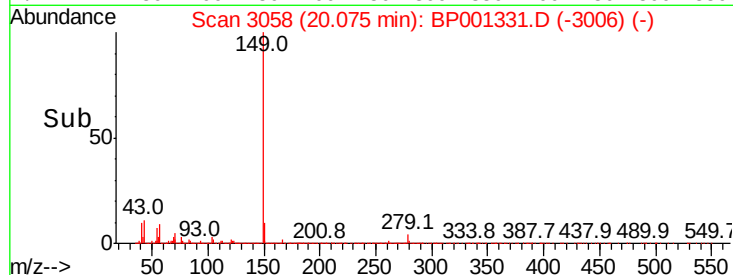
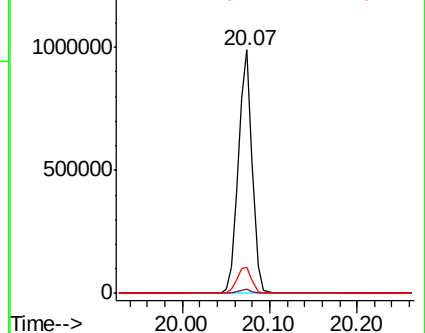
43 11.6 9.4 14.2



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): E



#86

Indeno(1,2,3-cd)pyrene

Concen: 81.938 ng

RT: 22.68 min Scan# 3501

Delta R.T. 0.02 min

Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

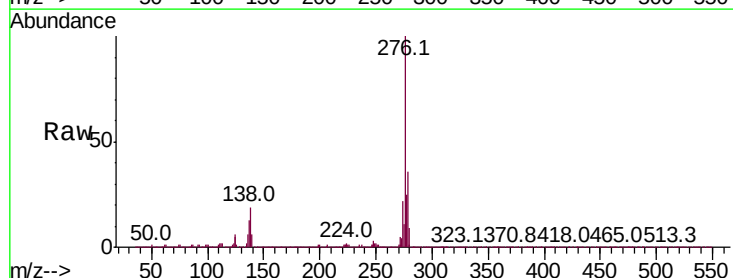
Tgt Ion:276 Resp: 902380

Ion Ratio Lower Upper

276 100

138 19.8 15.8 23.6

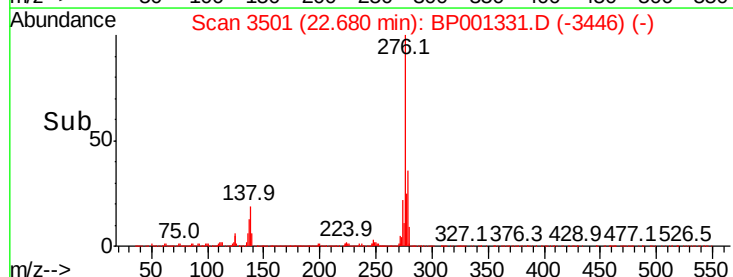
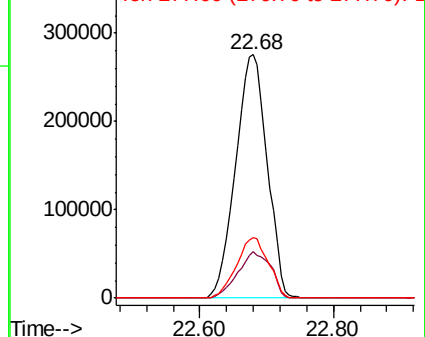
277 25.3 20.2 30.4

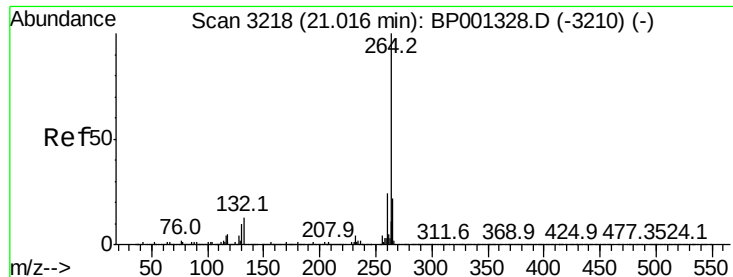


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



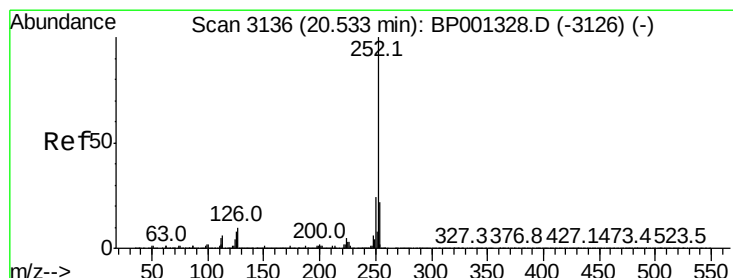
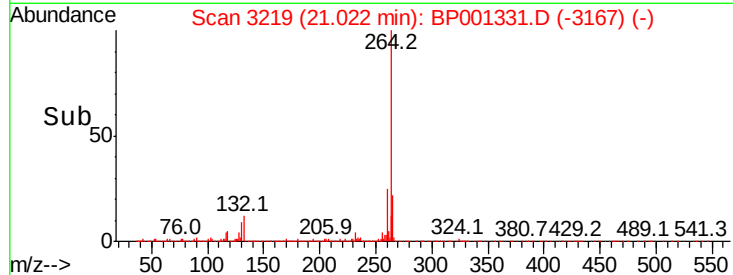
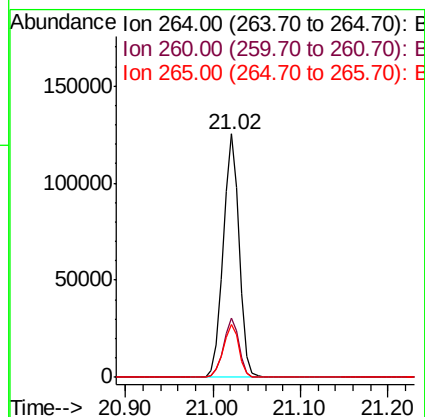
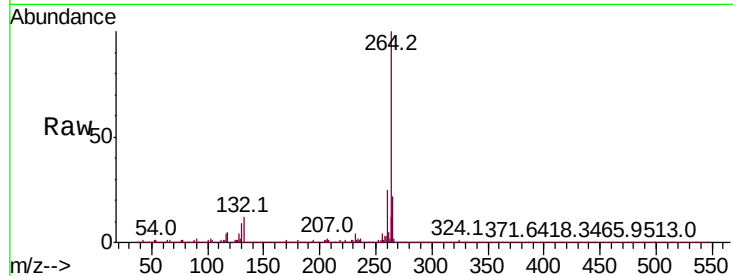


#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3219
Delta R.T. 0.01 min
Lab File: BP001331.D
Acq: 19 Dec 2019 18:49

Instrument :
BNA_P
ClientSampleId :

Tot Ion:264 Resp: 158788

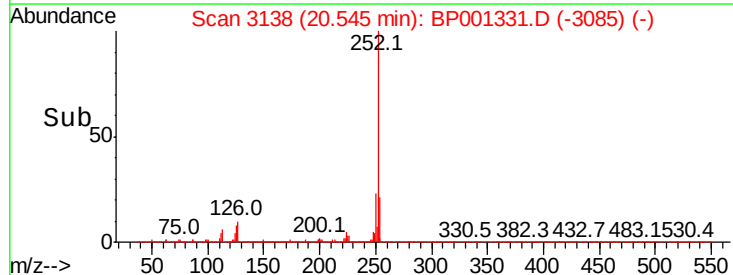
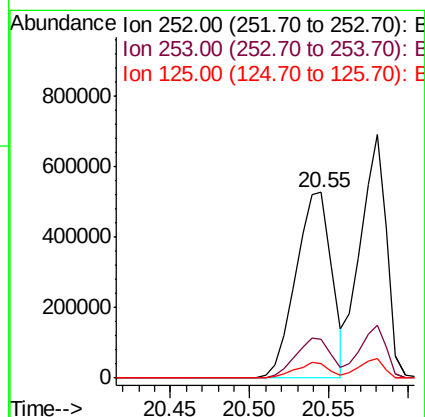
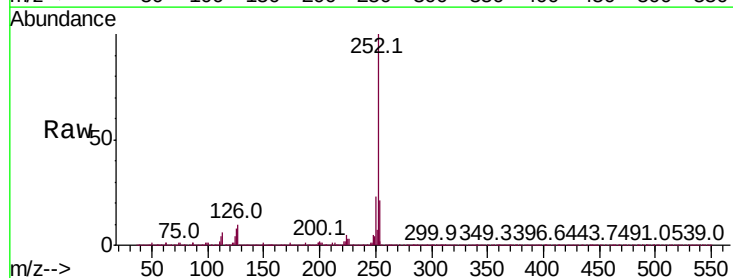
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.6	17.4	26.2

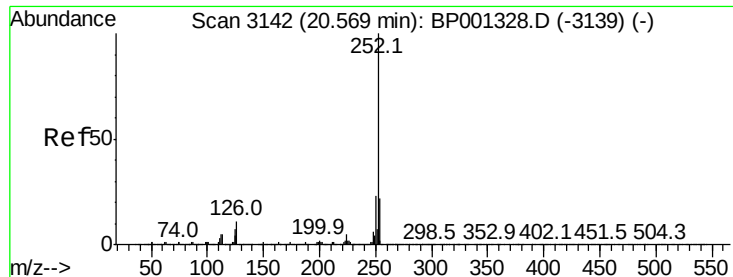


#88
Benzo(b)fluoranthene
Concen: 84.782 ng
RT: 20.55 min Scan# 3138
Delta R.T. 0.01 min
Lab File: BP001331.D
Acq: 19 Dec 2019 18:49

Tgt Ion:252 Resp: 822283

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.8	26.6
125	7.5	6.3	9.5





#89

Benzo(k)fluoranthene

Concen: 85.581 ng

RT: 20.58 min Scan# 3144

Delta R.T. 0.01 min

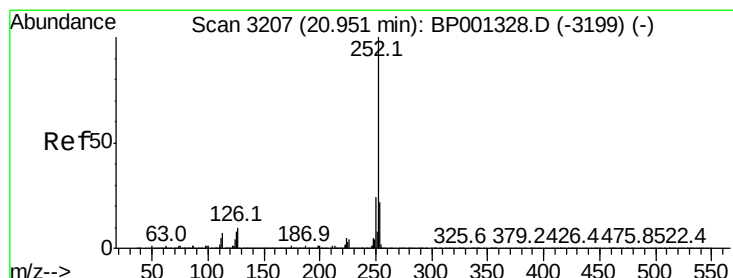
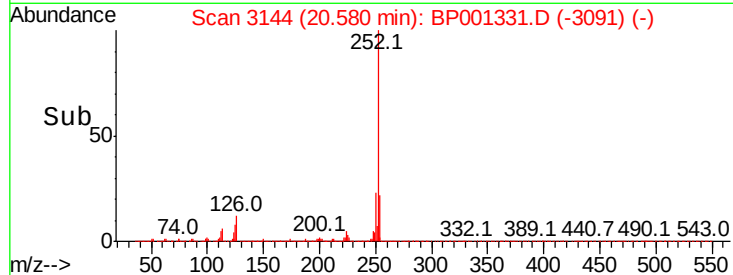
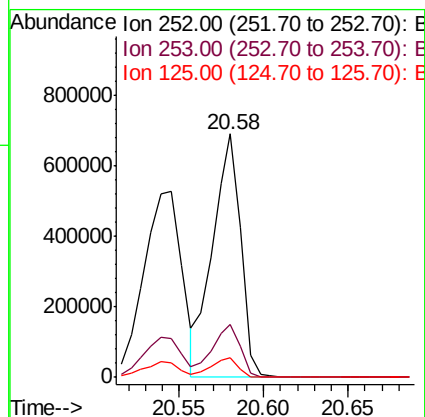
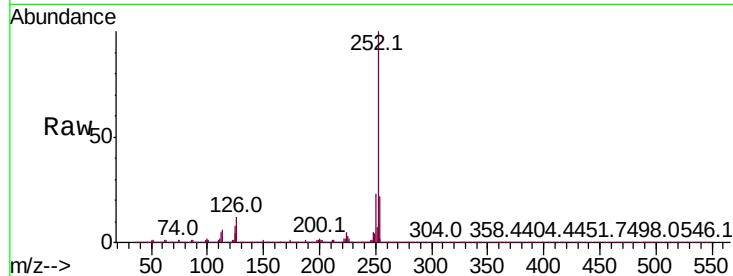
Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

Instrument :
BNA_P
ClientSampleId :

Tot Ion:252 Resp: 799441

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	8.2	5.9	8.9



#90

Benzo(a)pyrene

Concen: 85.006 ng

RT: 20.96 min Scan# 3208

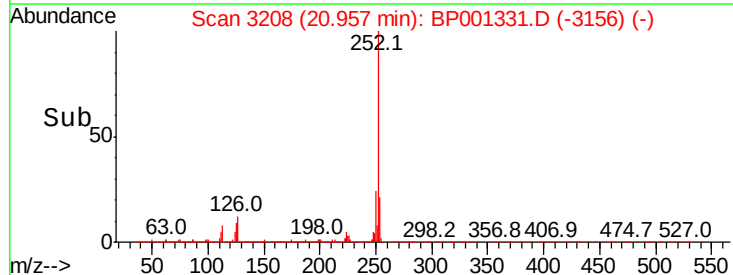
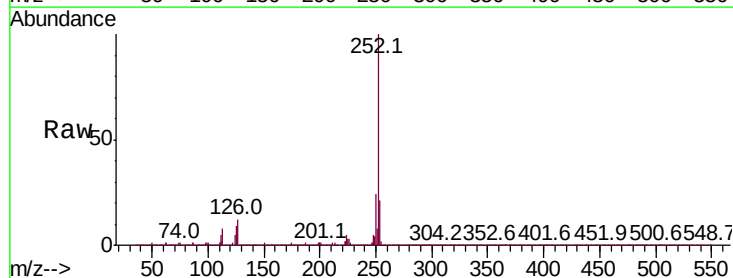
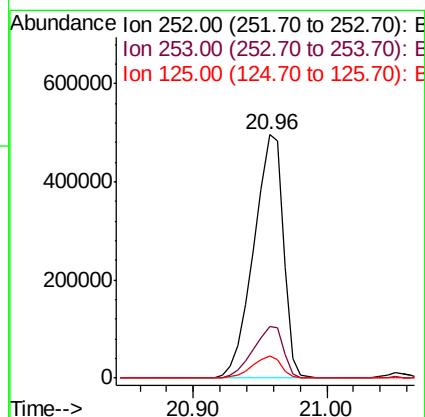
Delta R.T. 0.01 min

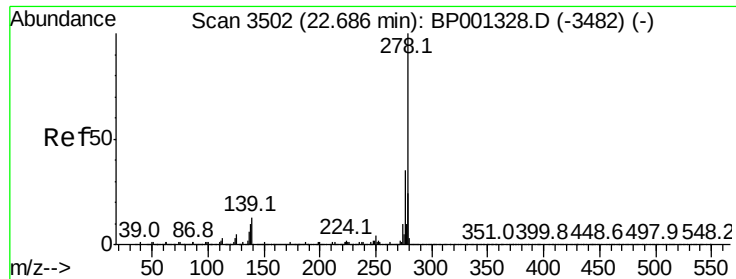
Lab File: BP001331.D

Acq: 19 Dec 2019 18:49

Tgt Ion:252 Resp: 759404

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.7	26.5
125	9.1	6.3	9.5

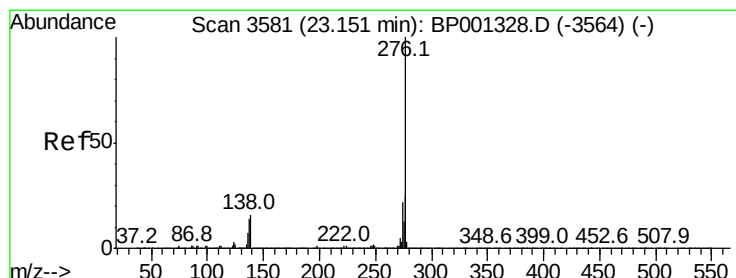
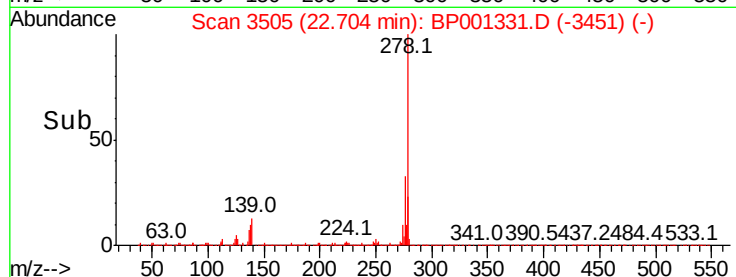
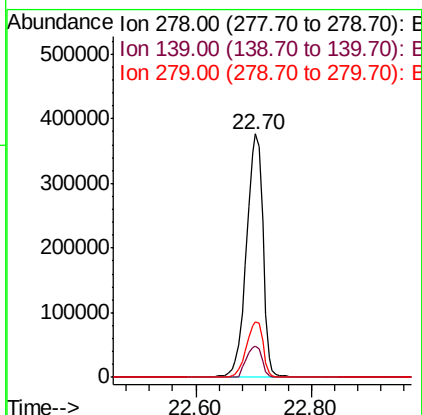
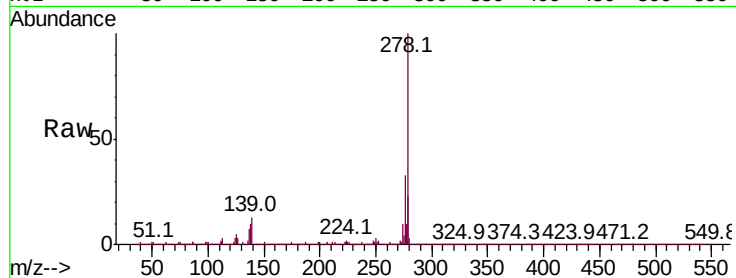




#91
Dibenzo(a,h)anthracene
Concen: 85.592 ng
RT: 22.70 min Scan# 3505
Delta R.T. 0.02 min
Lab File: BP001331.D
Acq: 19 Dec 2019 18:49

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.0	10.3	15.5
279	22.9	19.6	29.4



#92
Benzo(g,h,i)perylene
Concen: 82.166 ng
RT: 23.17 min Scan# 3585
Delta R.T. 0.02 min
Lab File: BP001331.D
Acq: 19 Dec 2019 18:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.6	29.4
138	18.9	12.6	18.8#

