

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061920\
 Data File : BP002461.D
 Acq On : 19 Jun 2020 16:35
 Operator : CG/JU
 Sample : PB129638BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129638BS

Quant Time: Jun 19 18:08:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 15:08:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	179628	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	688091	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	352859	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	630502	20.00	ng	0.00
76) Chrysene-d12	21.10	240	559514	20.00	ng	-0.01
86) Perylene-d12	23.29	264	714449	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1333164	137.33	ng	0.00
7) Phenol-d6	6.78	99	1670384	129.24	ng	0.00
23) Nitrobenzene-d5	8.73	82	1097929	95.29	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	408200	120.83	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2005610	95.57	ng	0.00
79) Terphenyl-d14	19.58	244	2056910	99.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.16	88	181947	40.689	ng	98
3) Pyridine	3.54	79	508320	41.825	ng	98
4) n-Nitrosodimethylamine	3.46	42	241579	48.234	ng	98
6) Aniline	6.92	93	664514	37.806	ng	98
8) 2-Chlorophenol	7.16	128	497543	45.583	ng	98
9) Benzaldehyde	6.73	77	273190	39.956	ng	95
10) Phenol	6.80	94	633949	45.225	ng	98
11) bis(2-Chloroethyl)ether	7.02	93	505297	43.175	ng	98
12) 1,3-Dichlorobenzene	7.48	146	538018	42.806	ng	98
13) 1,4-Dichlorobenzene	7.62	146	552885	43.722	ng	99
14) 1,2-Dichlorobenzene	7.93	146	517091	42.688	ng	99
15) Benzyl Alcohol	7.83	79	432014	43.127	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.13	45	688642	41.470	ng	99
17) 2-Methylphenol	8.04	107	415229	40.539	ng	99
18) Hexachloroethane	8.66	117	204036	44.290	ng	96
19) n-Nitroso-di-n-propylamine	8.39	70	365701	42.331	ng	99
20) 3+4-Methylphenols	8.36	107	551402	39.888	ng	98
22) Acetophenone	8.40	105	690299	44.654	ng	# 97
24) Nitrobenzene	8.78	77	578610	46.716	ng	97
25) Isophorone	9.30	82	1002152	42.705	ng	99
26) 2-Nitrophenol	9.48	139	263427	47.730	ng	97
27) 2,4-Dimethylphenol	9.56	122	409884	47.340	ng	98
28) bis(2-Chloroethoxy)methane	9.79	93	631623	45.188	ng	99
29) 2,4-Dichlorophenol	10.02	162	436588	44.794	ng	99
30) 1,2,4-Trichlorobenzene	10.23	180	482191	44.383	ng	97
31) Naphthalene	10.41	128	1416978	44.326	ng	99
32) Benzoic acid	9.70	122	281490	40.255	ng	99
33) 4-Chloroaniline	10.52	127	287816	20.624	ng	98
34) Hexachlorobutadiene	10.71	225	279165	44.033	ng	97
35) Caprolactam	11.28	113	127327	37.040	ng	94
36) 4-Chloro-3-methylphenol	11.66	107	447625	42.446	ng	99
37) 2-Methylnaphthalene	12.03	142	976727	43.048	ng	99
38) 1-Methylnaphthalene	12.25	142	920640	43.230	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	465601	50.056	ng	99

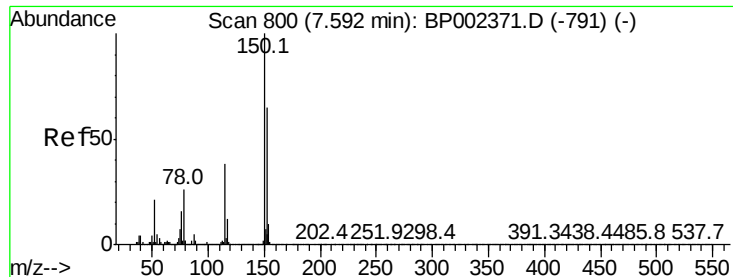
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	448283	90.652	ng	98
43) 2,4,6-Trichlorophenol	12.66	196	317697	48.261	ng	100
44) 2,4,5-Trichlorophenol	12.73	196	333646	43.770	ng	99
46) 1,1'-Biphenyl	13.06	154	1144917	49.508	ng	98
47) 2-Chloronaphthalene	13.10	162	893077	47.212	ng	98
48) 2-Nitroaniline	13.30	65	283125	46.885	ng	94
49) Acenaphthylene	13.95	152	1392003	46.105	ng	100
50) Dimethylphthalate	13.70	163	1037634	42.917	ng	100
51) 2,6-Dinitrotoluene	13.81	165	225663	42.977	ng	91
52) Acenaphthene	14.30	154	811194	45.864	ng	99
53) 3-Nitroaniline	14.13	138	131366	21.910	ng	98
54) 2,4-Dinitrophenol	14.35	184	150201	49.622	ng	98
55) Dibenzofuran	14.64	168	1252679	43.990	ng	100
56) 4-Nitrophenol	14.47	139	367697	77.240	ng	97
57) 2,4-Dinitrotoluene	14.60	165	291184	40.741	ng	96
58) Fluorene	15.29	166	927250	41.398	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.87	232	260763	43.095	ng	99
60) Diethylphthalate	15.08	149	981345	40.508	ng	99
61) 4-Chlorophenyl-phenylether	15.29	204	474214	43.141	ng	98
62) 4-Nitroaniline	15.31	138	180578	31.346	ng	98
63) Azobenzene	15.59	77	1073158	44.503	ng	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	112426	33.791	ng	93
66) n-Nitrosodiphenylamine	15.51	169	842880	52.332	ng	100
67) 4-Bromophenyl-phenylether	16.19	248	287559	48.145	ng	98
68) Hexachlorobenzene	16.30	284	304654	48.068	ng	95
69) Atrazine	16.47	200	248727	47.338	ng	99
70) Pentachlorophenol	16.65	266	354122	93.389	ng	99
71) Phenanthrene	17.03	178	1382768	46.884	ng	100
72) Anthracene	17.13	178	1408940	48.088	ng	98
73) Carbazole	17.40	167	1248443	43.315	ng	99
74) Di-n-butylphthalate	17.98	149	1547196	45.360	ng	99
75) Fluoranthene	19.02	202	1511471	42.933	ng	99
77) Benzidine	19.20	184	922622	73.796	ng	99
78) Pyrene	19.37	202	1515536	44.221	ng	99
80) Butylbenzylphthalate	20.26	149	625690	41.069	ng	95
81) Benzo(a)anthracene	21.08	228	1482036	46.405	ng	99
82) 3,3'-Dichlorobenzidine	21.02	252	551170	46.438	ng	99
83) Chrysene	21.13	228	1440376	47.603	ng	98
84) Bis(2-ethylhexyl)phthalate	21.04	149	901545	40.681	ng	99
85) Di-n-octyl phthalate	21.90	149	1669486	42.951	ng	100
87) Indeno(1,2,3-cd)pyrene	25.51	276	2146531	48.035	ng	100
88) Benzo(b)fluoranthene	22.64	252	1793685	46.555	ng	98
89) Benzo(k)fluoranthene	22.69	252	1622777	44.329	ng	99
90) Benzo(a)pyrene	23.20	252	1630571	45.161	ng	99
91) Dibenzo(a,h)anthracene	25.53	278	1749108	48.796	ng	98
92) Benzo(g,h,i)perylene	26.19	276	1797545	48.419	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.59 min Scan# 799

Delta R.T. -0.01 min

Lab File: BP002461.D

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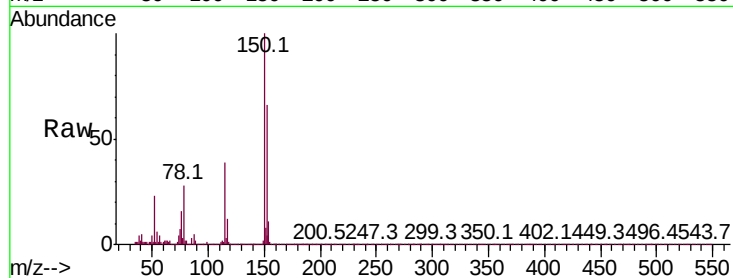
Tot Ion:152 Resp: 179628

Ion Ratio Lower Upper

152 100

150 152.5 124.0 186.0

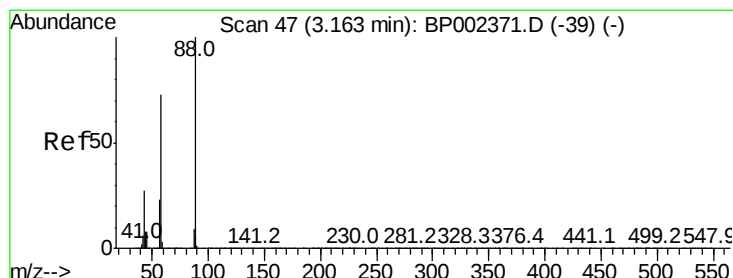
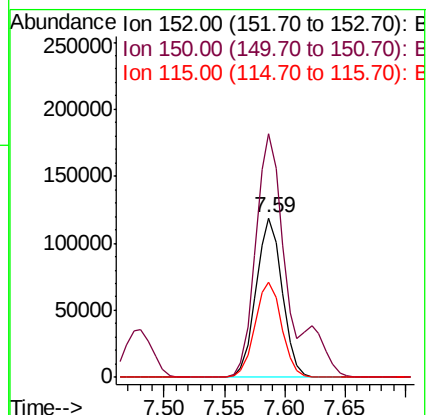
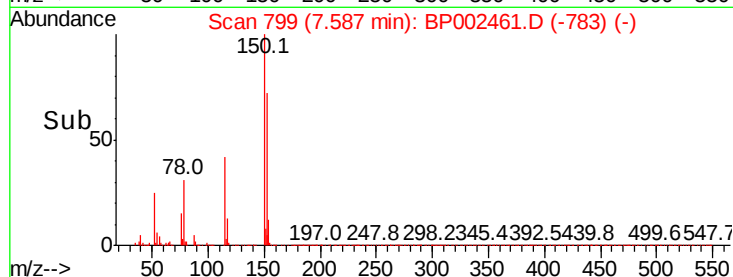
115 59.3 47.4 71.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.689 ng

RT: 3.16 min Scan# 47

Delta R.T. 0.00 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

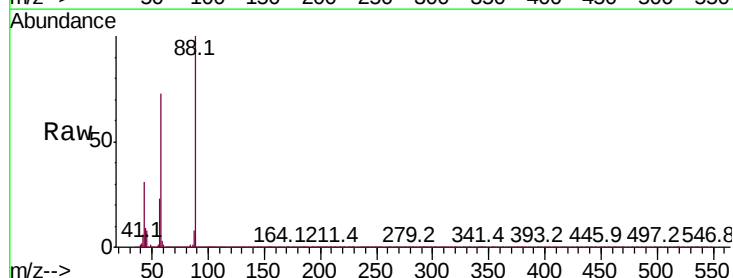
Tgt Ion: 88 Resp: 181947

Ion Ratio Lower Upper

88 100

58 74.1 58.2 87.4

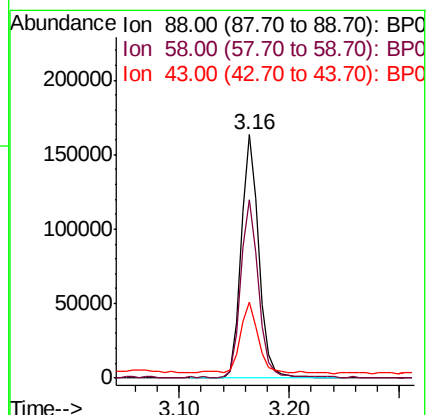
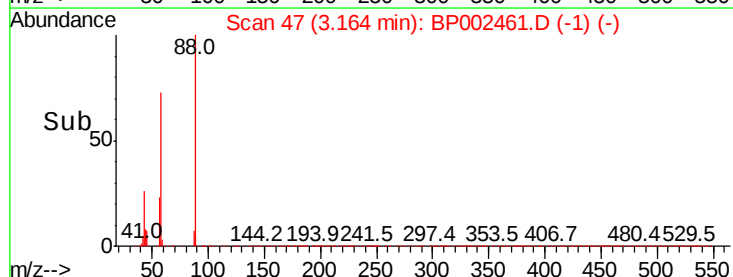
43 28.4 21.8 32.8

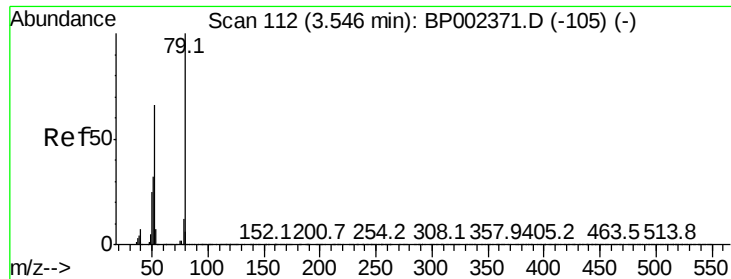


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 41.825 ng

RT: 3.54 min Scan# 111

Delta R.T. -0.01 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

Instrument :

BNA_P

ClientSampleId :

PB129638BS

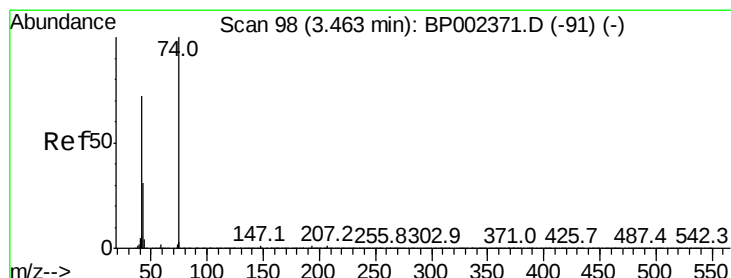
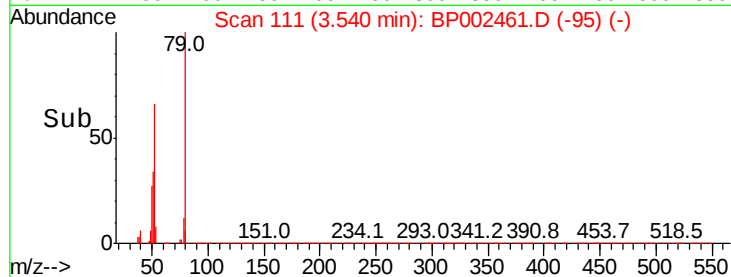
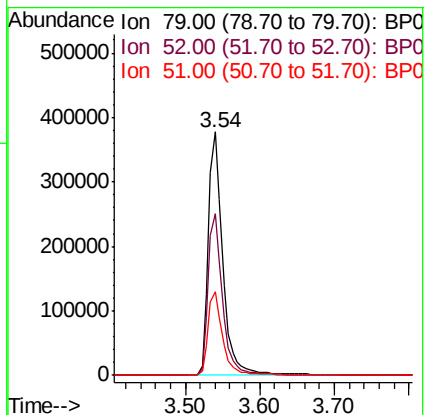
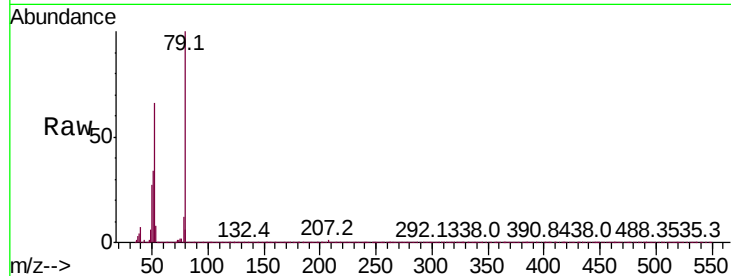
Tot Ion: 79 Resp: 508320

Ion Ratio Lower Upper

79 100

52 66.3 52.5 78.7

51 34.4 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 48.234 ng

RT: 3.46 min Scan# 97

Delta R.T. -0.01 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

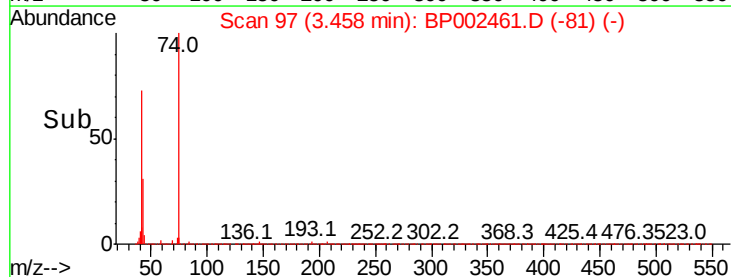
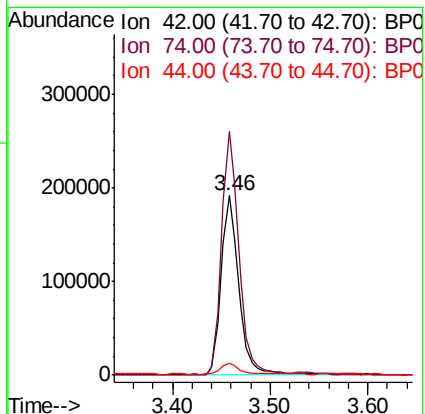
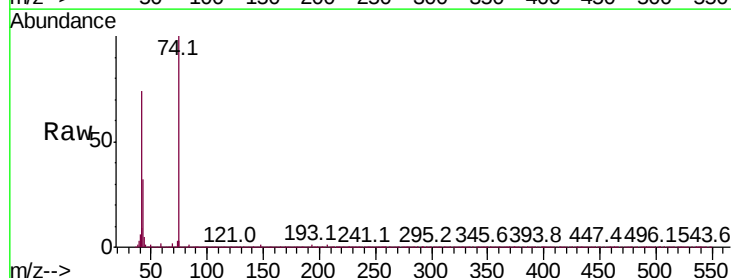
Tgt Ion: 42 Resp: 241579

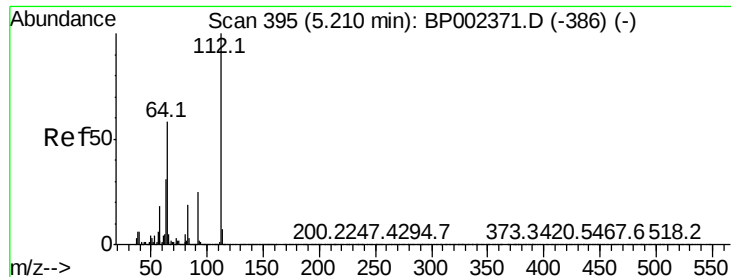
Ion Ratio Lower Upper

42 100

74 135.9 111.1 166.7

44 6.5 5.4 8.0





#5

2-Fluorophenol

Concen: 137.334 ng

RT: 5.21 min Scan# 395

Delta R.T. 0.00 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

Instrument :

BNA_P

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PB129638BS

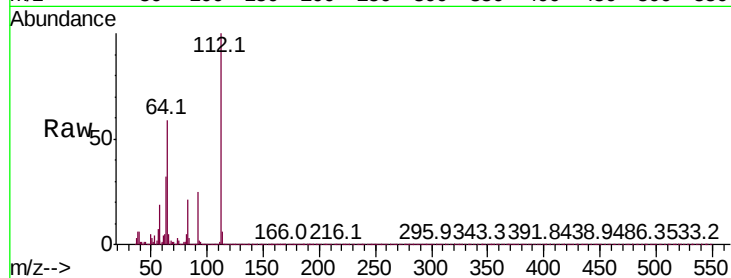
Tot Ion:112 Resp: 1333164

Ion Ratio Lower Upper

112 100

64 59.5 46.2 69.2

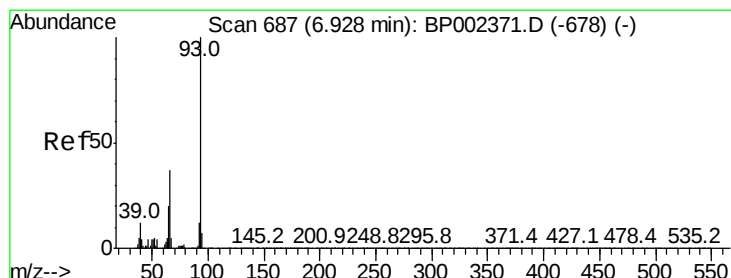
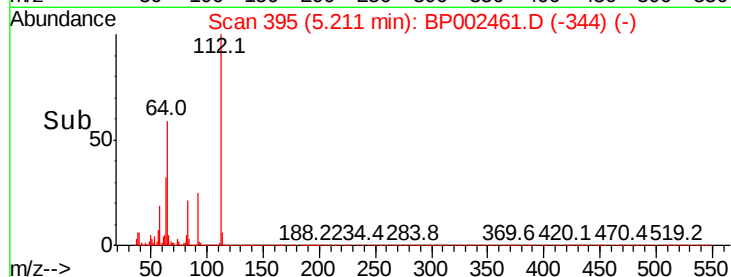
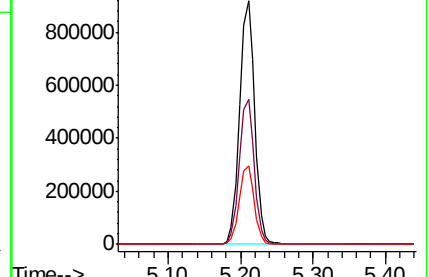
63 32.3 24.5 36.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 37.806 ng

RT: 6.92 min Scan# 686

Delta R.T. -0.01 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

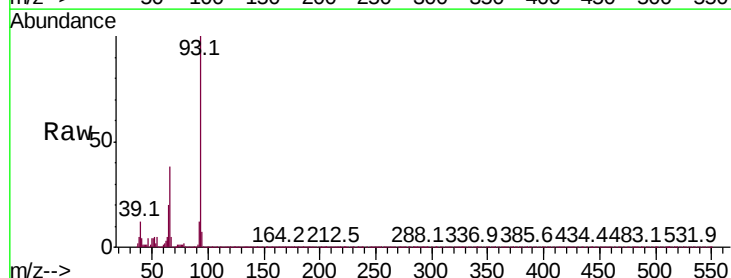
Tgt Ion: 93 Resp: 664514

Ion Ratio Lower Upper

93 100

66 38.5 29.8 44.6

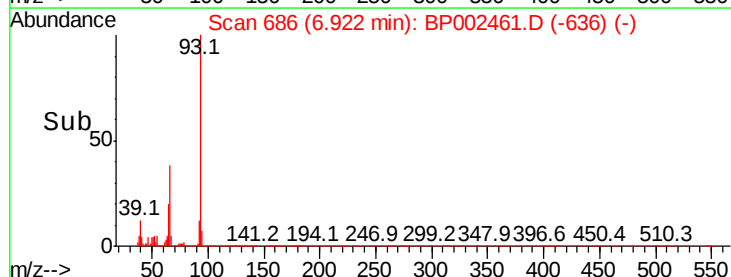
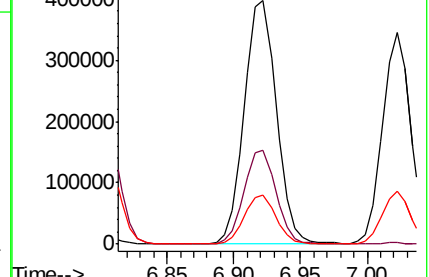
65 20.0 15.7 23.5

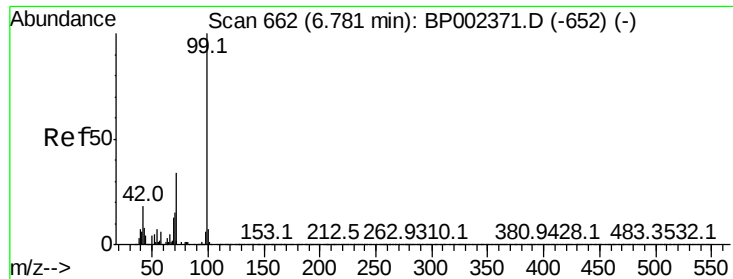


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 129.243 ng

RT: 6.78 min Scan# 662

Delta R.T. 0.00 min

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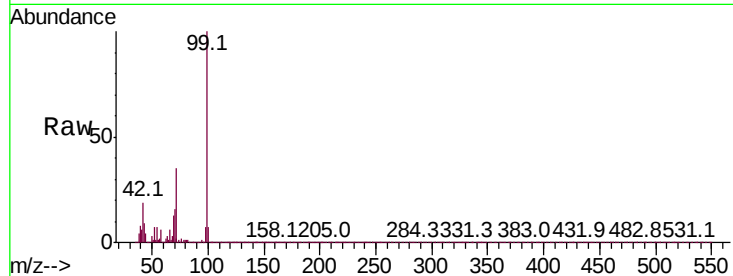
Tot Ion: 99 Resp: 1670384

Ion Ratio Lower Upper

99 100

42 18.7 14.6 22.0

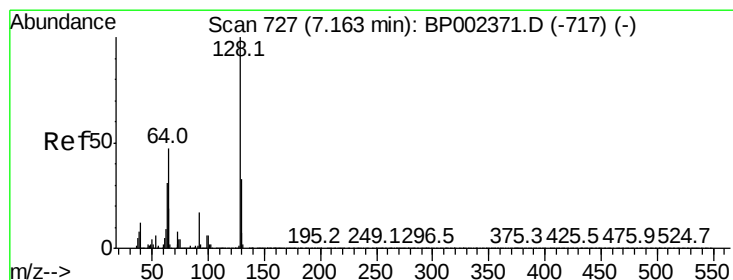
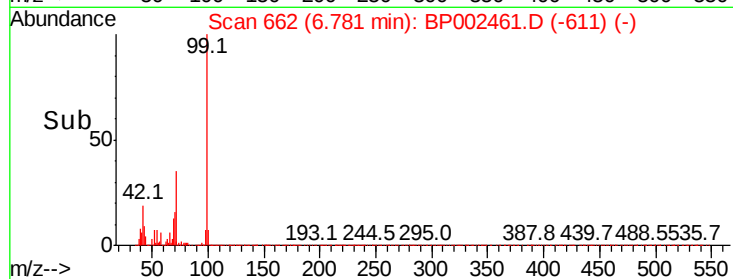
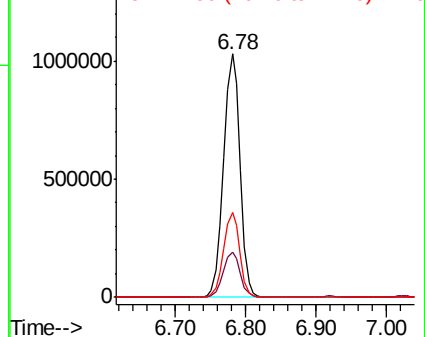
71 34.8 27.2 40.8



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: 45.583 ng

RT: 7.16 min Scan# 726

Delta R.T. -0.01 min

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Acq: 19 Jun 2020 16:35

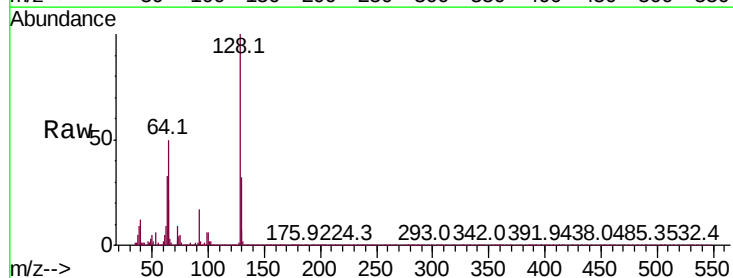
Tgt Ion: 128 Resp: 497543

Ion Ratio Lower Upper

128 100

130 32.3 12.5 52.5

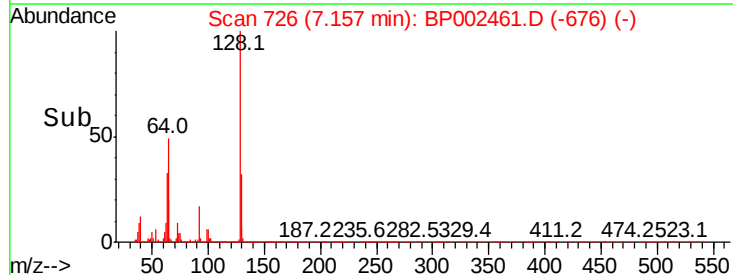
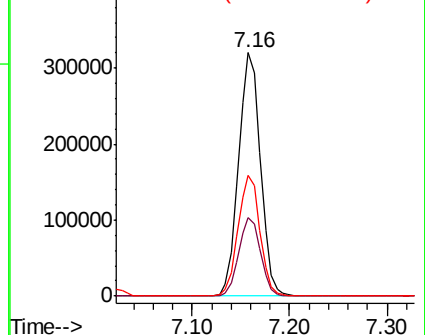
64 49.5 27.7 67.7

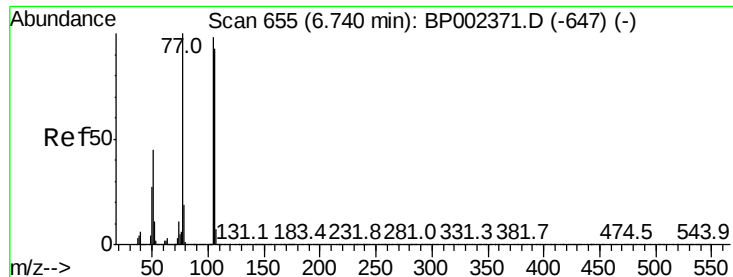


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 39.956 ng

RT: 6.73 min Scan# 653

Delta R.T. -0.01 min

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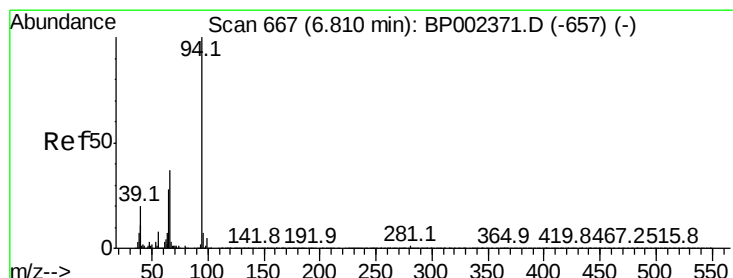
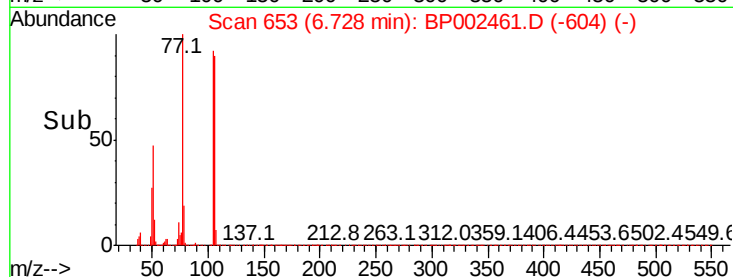
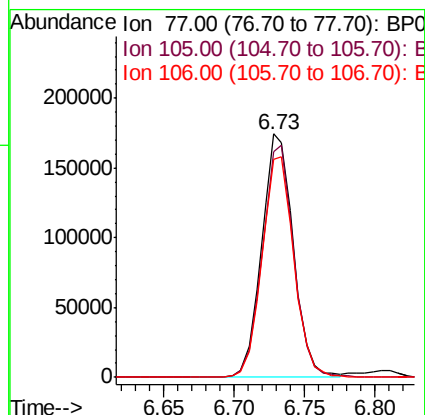
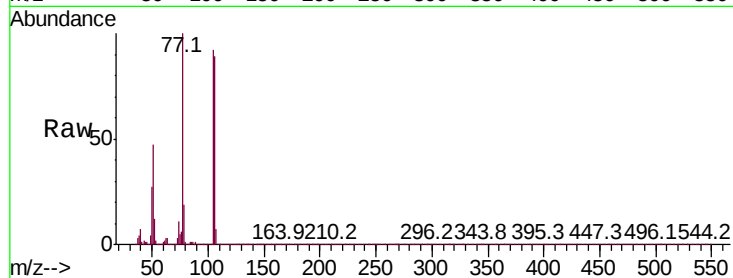
Tot Ion: 77 Resp: 273190

Ion Ratio Lower Upper

77 100

105 92.4 78.1 118.1

106 89.4 73.2 113.2



#10

Phenol

Concen: 45.225 ng

RT: 6.80 min Scan# 666

Delta R.T. -0.01 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

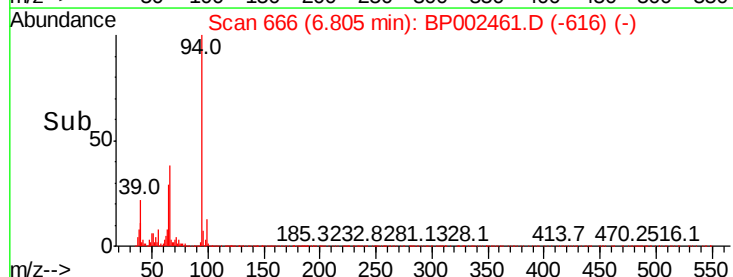
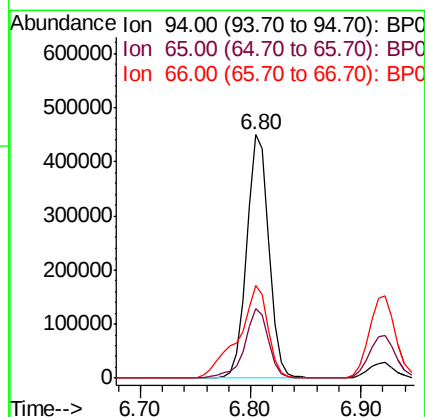
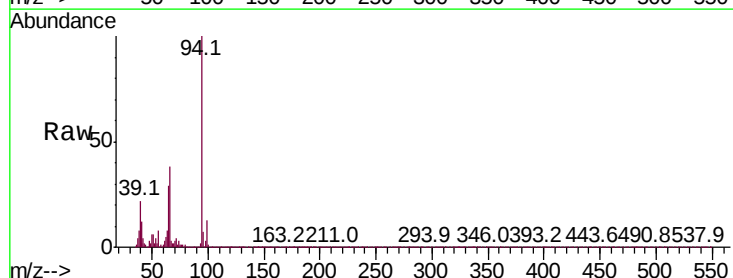
Tgt Ion: 94 Resp: 633949

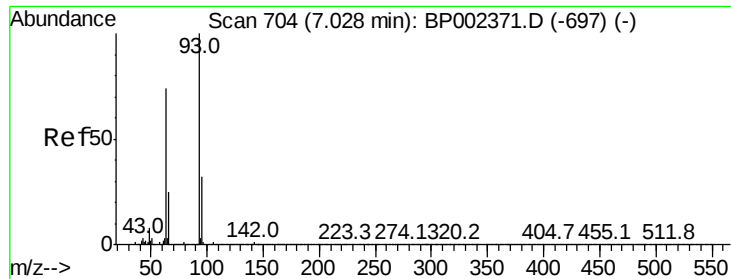
Ion Ratio Lower Upper

94 100

65 28.8 7.7 47.7

66 38.3 16.9 56.9

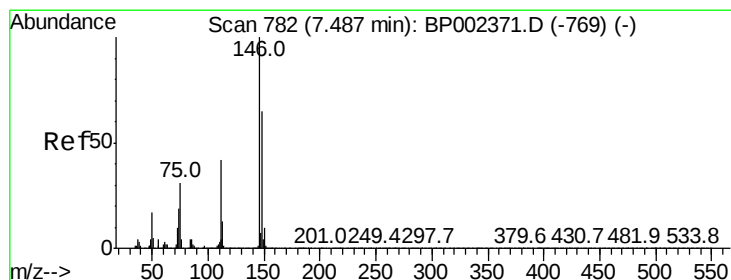
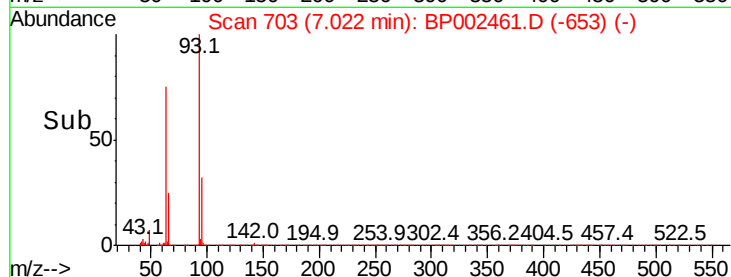
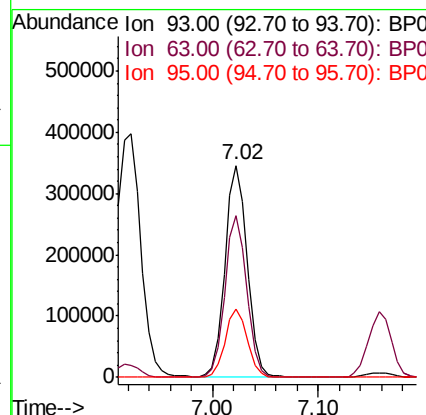
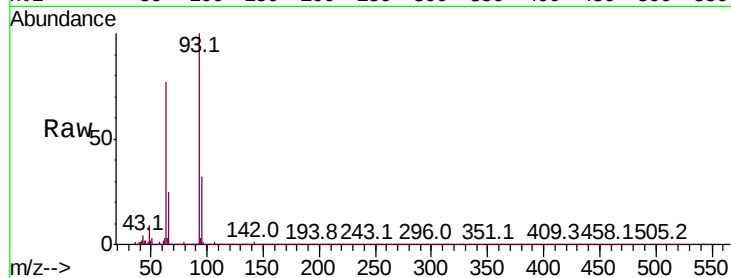




#11
bis(2-Chloroethyl)ether
Concen: 43.175 ng
RT: 7.02 min Scan# 703
Delta R.T. -0.01 min
Lab File: BP002461.D
Acq: 19 Jun 2020 16:35

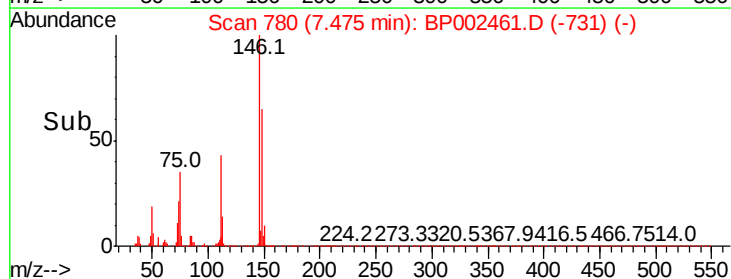
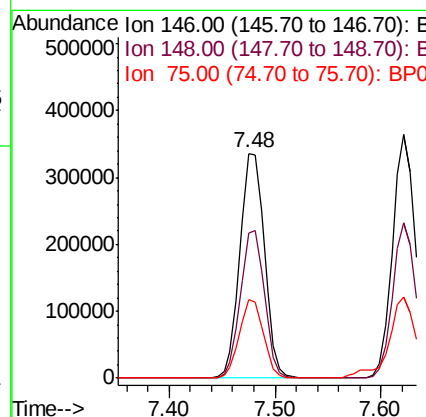
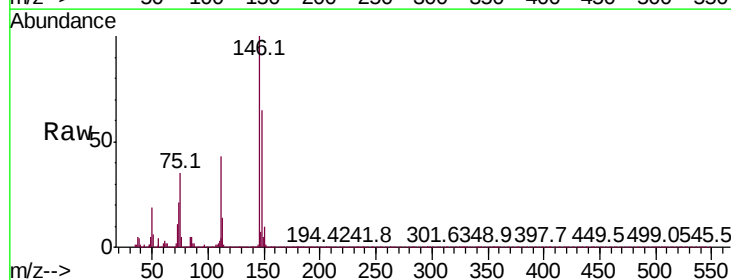
Instrument :
BNA_P
ClientSampleId :
PB129638BS

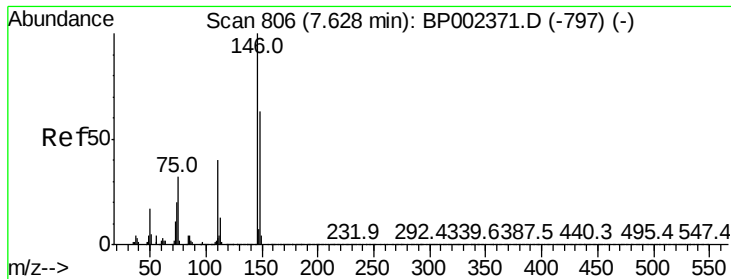
Tot Ion	Ratio	Lower	Upper
93	100		
63	76.5	54.2	94.2
95	32.0	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 42.806 ng
RT: 7.48 min Scan# 780
Delta R.T. -0.01 min
Lab File: BP002461.D
Acq: 19 Jun 2020 16:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.6	77.4
75	34.9	25.0	37.4





#13

1,4-Dichlorobenzene

Concen: 43.722 ng

RT: 7.62 min Scan# 805

Delta R.T. -0.01 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

Instrument :

BNA_P

ClientSampleId :

PB129638BS

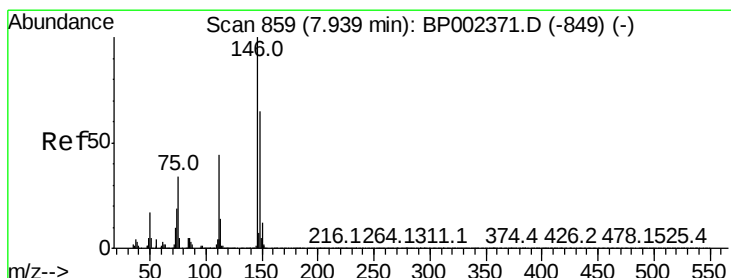
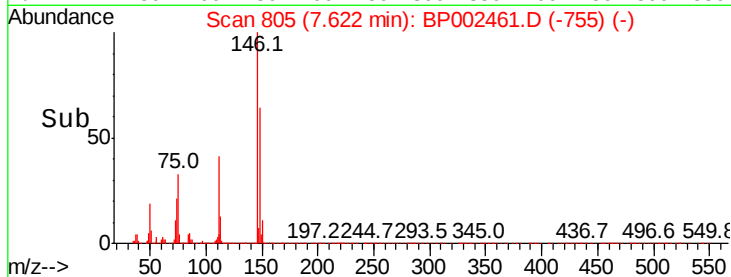
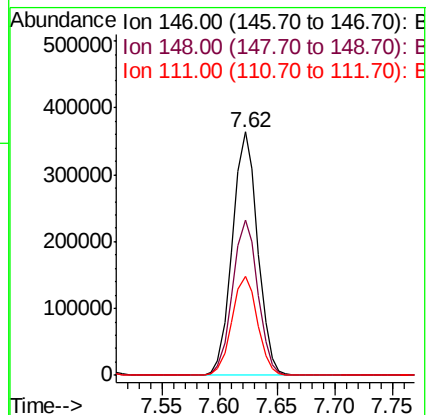
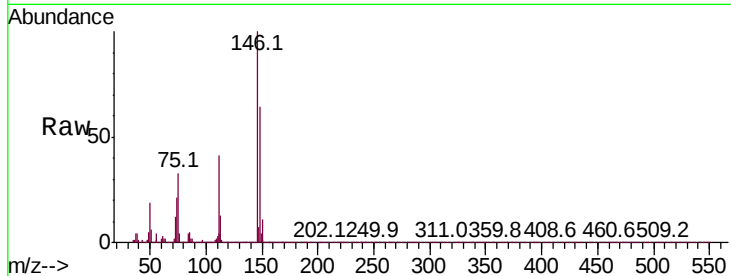
Tot Ion:146 Resp: 552885

Ion Ratio Lower Upper

146 100

148 63.7 50.7 76.1

111 40.9 32.2 48.2



#14

1,2-Dichlorobenzene

Concen: 42.688 ng

RT: 7.93 min Scan# 858

Delta R.T. -0.01 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

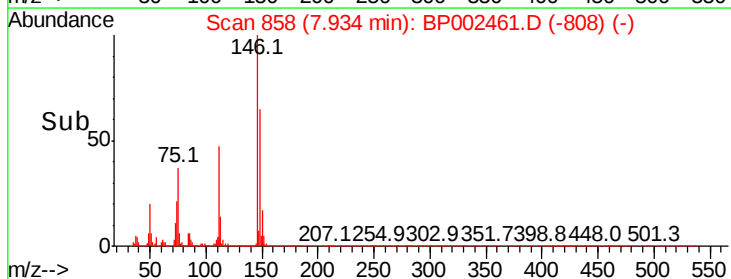
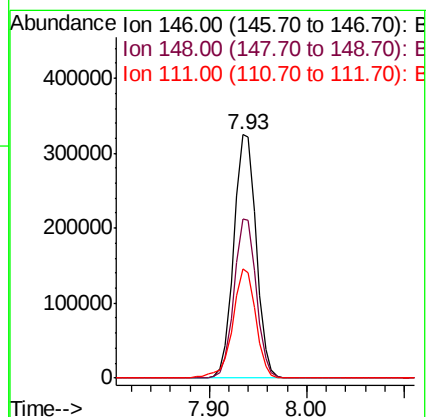
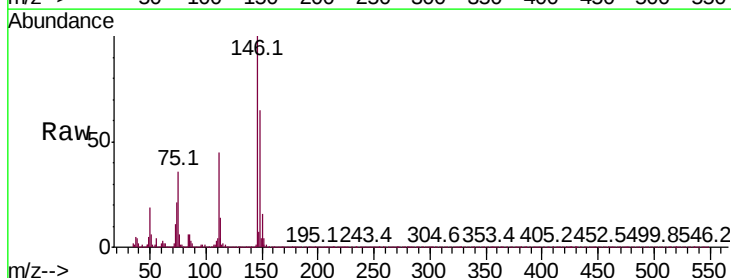
Tgt Ion:146 Resp: 517091

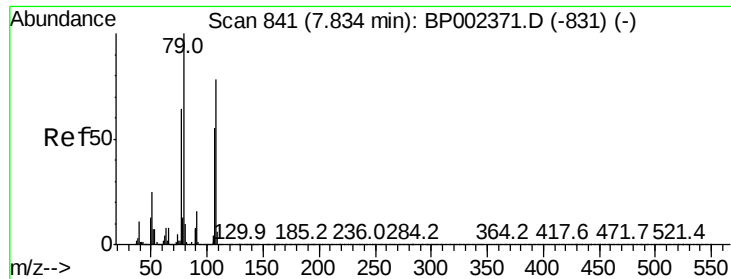
Ion Ratio Lower Upper

146 100

148 65.2 51.8 77.6

111 45.1 35.4 53.2





#15

Benzyl Alcohol

Concen: 43.127 ng

RT: 7.83 min Scan# 840

Delta R.T. -0.01 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

Instrument :

BNA_P

ClientSampleId :

PB129638BS

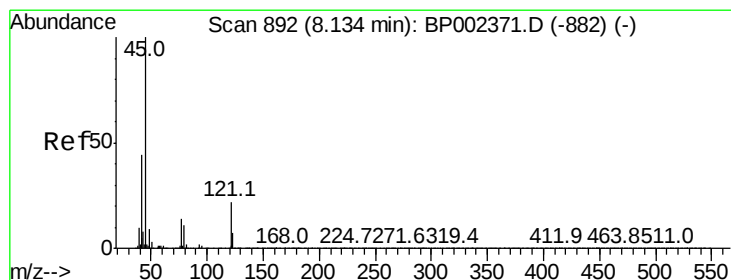
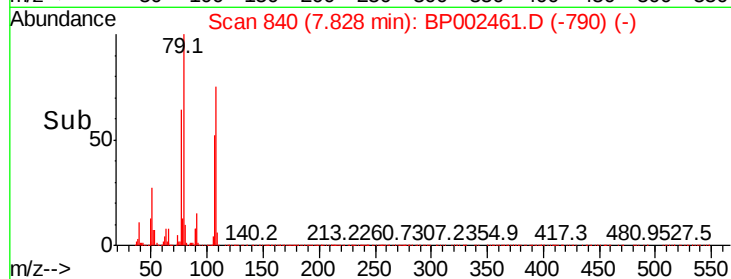
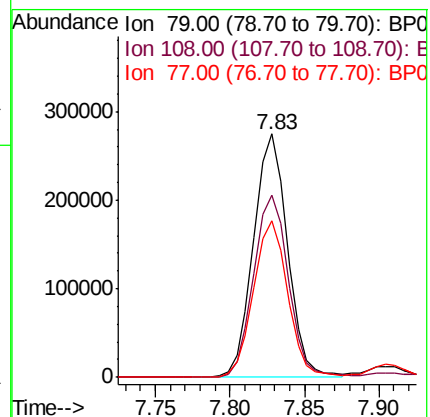
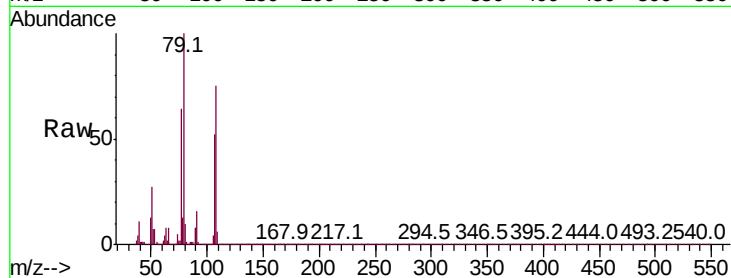
Tot Ion: 79 Resp: 432014

Ion Ratio Lower Upper

79 100

108 74.6 62.6 94.0

77 64.4 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.470 ng

RT: 8.13 min Scan# 891

Delta R.T. -0.01 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

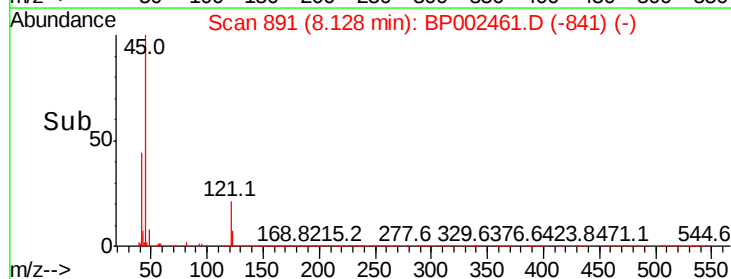
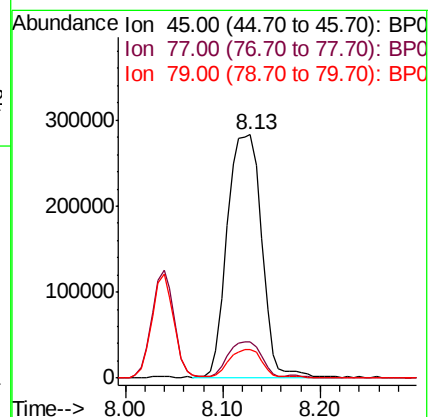
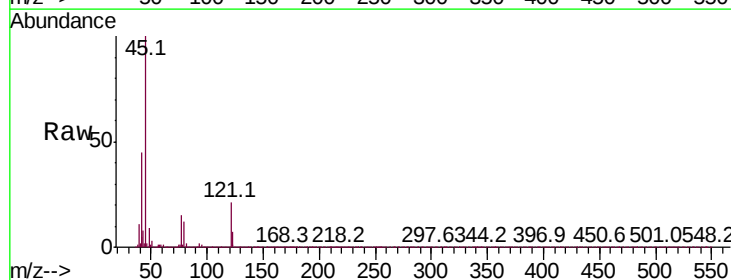
Tgt Ion: 45 Resp: 688642

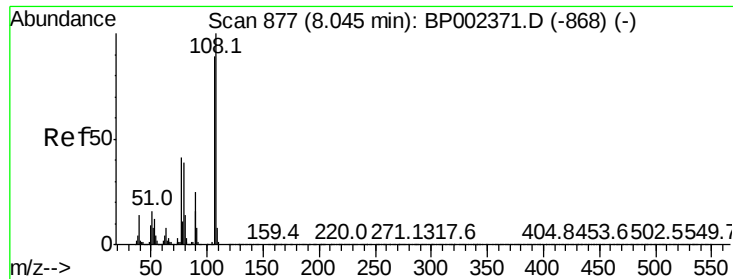
Ion Ratio Lower Upper

45 100

77 14.7 0.0 35.0

79 11.5 0.0 32.0

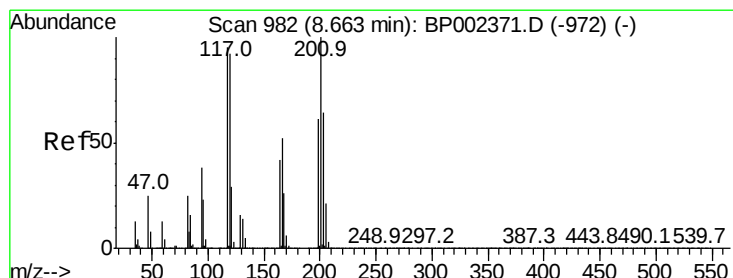
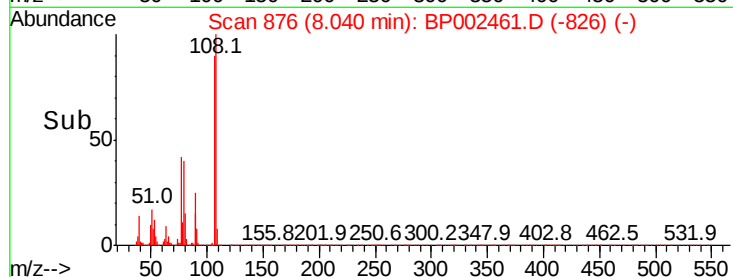
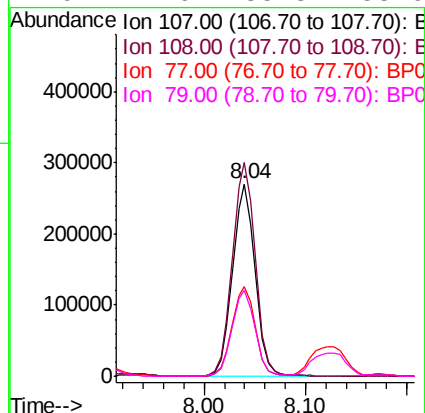
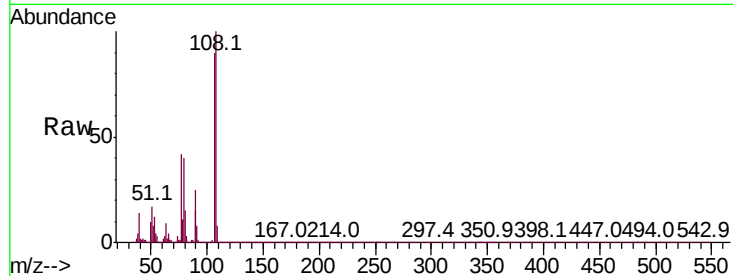




#17
2-Methylphenol
Concen: 40.539 ng
RT: 8.04 min Scan# 876
Delta R.T. -0.01 min
Lab File: BP002461.D
Acq: 19 Jun 2020 16:35

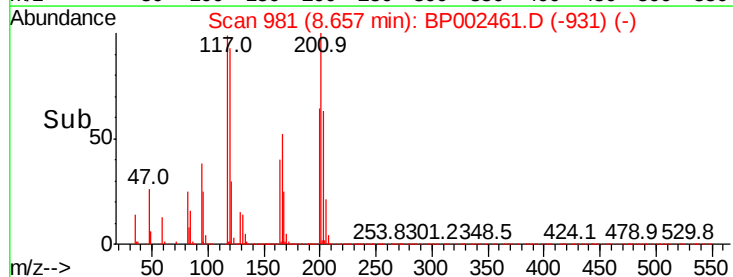
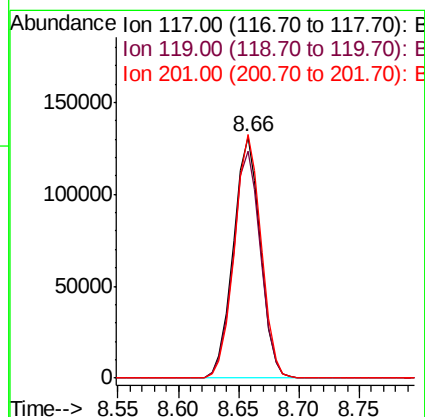
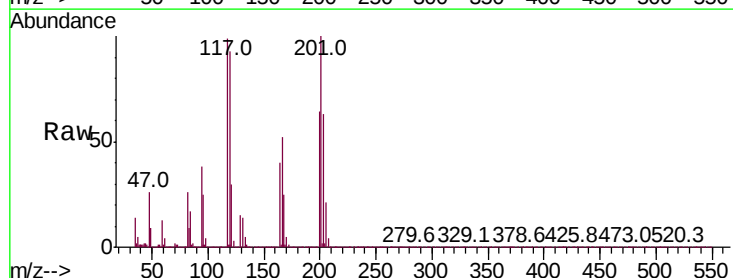
Instrument :
BNA_P
ClientSampleId :
PB129638BS

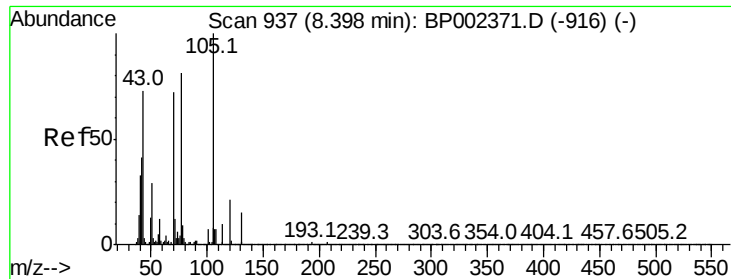
Tot Ion:	107	Resp:	415229
Ion	Ratio	Lower	Upper
107	100		
108	110.9	90.3	135.5
77	46.5	37.1	55.7
79	44.6	35.8	53.6



#18
Hexachloroethane
Concen: 44.290 ng
RT: 8.66 min Scan# 981
Delta R.T. -0.01 min
Lab File: BP002461.D
Acq: 19 Jun 2020 16:35

Tgt Ion:	117	Resp:	204036
Ion	Ratio	Lower	Upper
117	100		
119	94.0	77.8	116.8
201	100.9	84.2	126.4

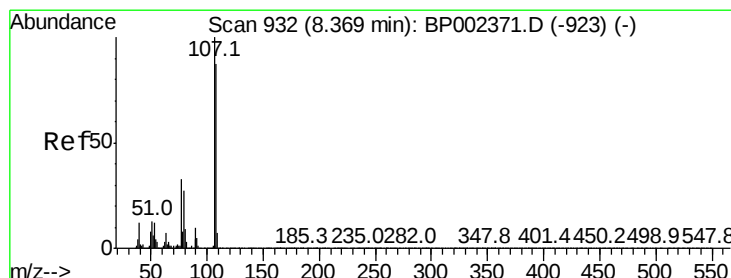
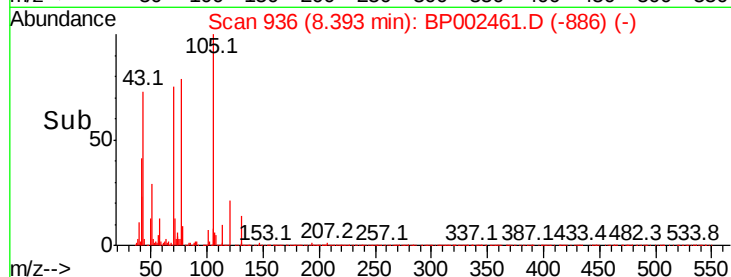
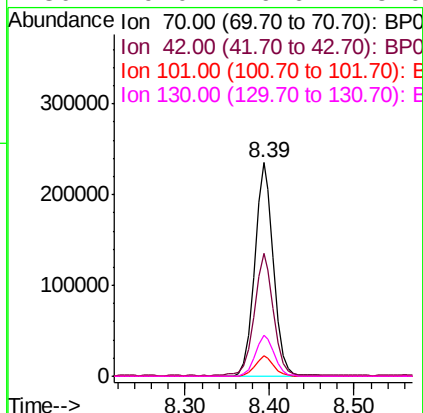
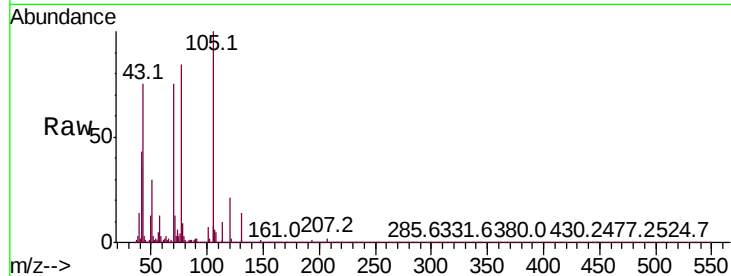




#19
n-Nitroso-di-n-propylamine
Concen: 42.331 ng
RT: 8.39 min Scan# 936
Delta R.T. -0.01 min
Lab File: BP002461.D
Acq: 19 Jun 2020 16:35

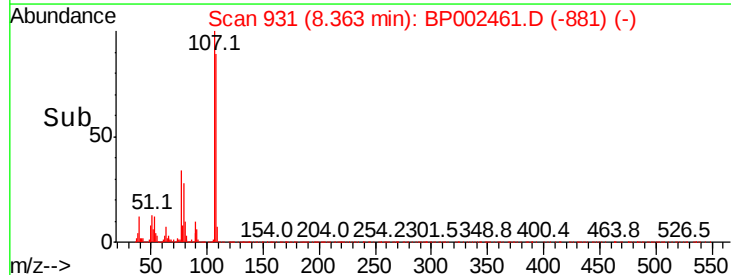
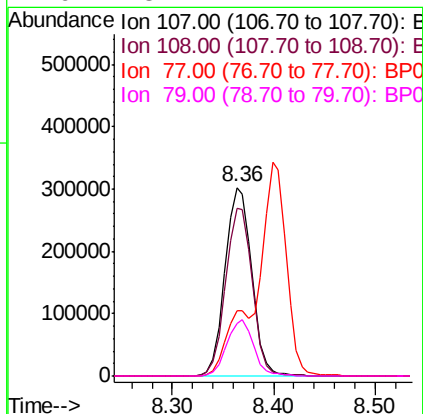
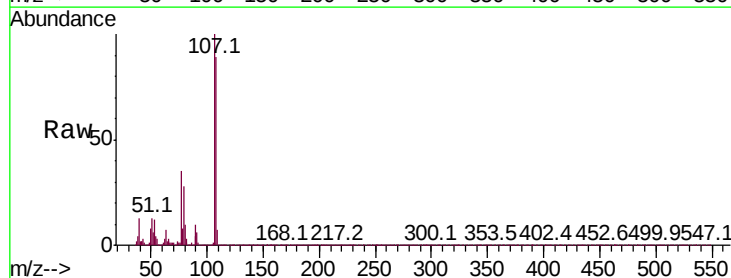
Instrument :
BNA_P
ClientSampleId :
PB129638BS

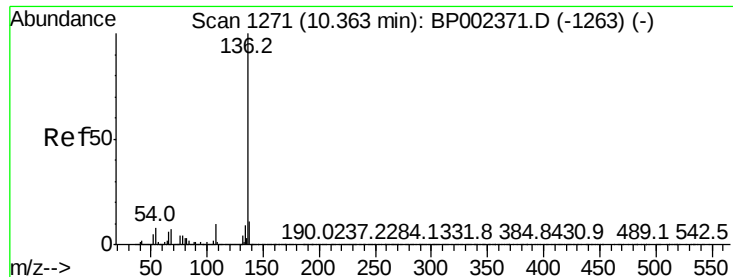
Tot Ion:	70	Resp:	365701
Ion	Ratio	Lower	Upper
70	100		
42	57.3	45.7	68.5
101	9.5	7.5	11.3
130	19.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 39.888 ng
RT: 8.36 min Scan# 931
Delta R.T. -0.01 min
Lab File: BP002461.D
Acq: 19 Jun 2020 16:35

Tgt Ion:	107	Resp:	551402
Ion	Ratio	Lower	Upper
107	100		
108	89.0	67.5	107.5
77	34.6	13.5	53.5
79	28.2	7.4	47.4

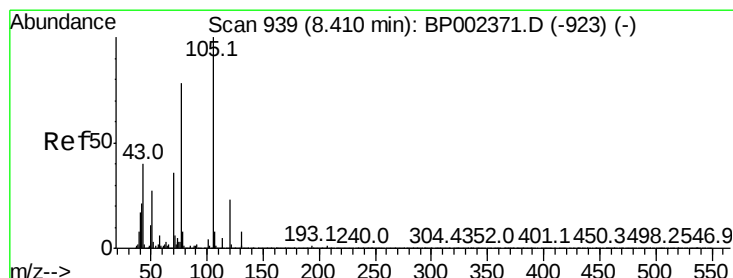
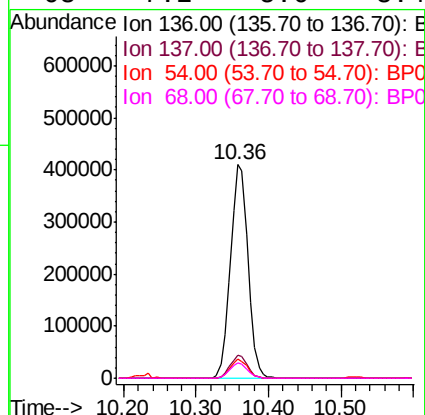
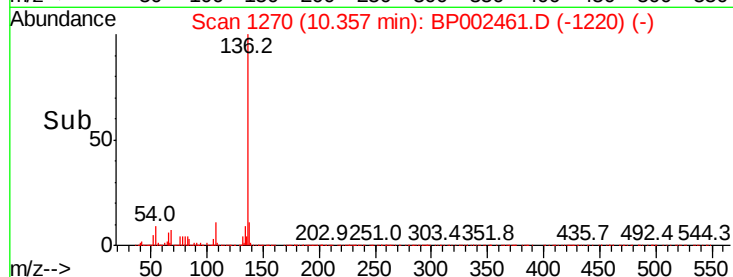
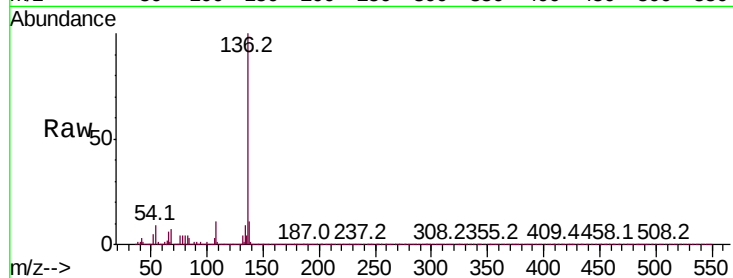




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BP002461.D
Acq: 19 Jun 2020 16:35

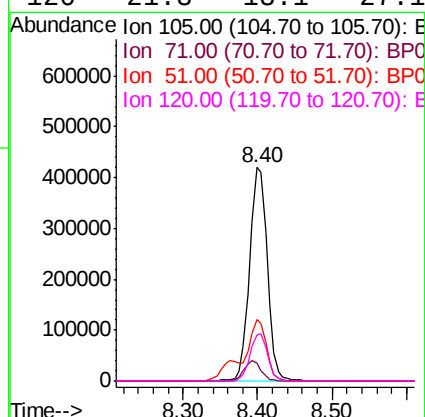
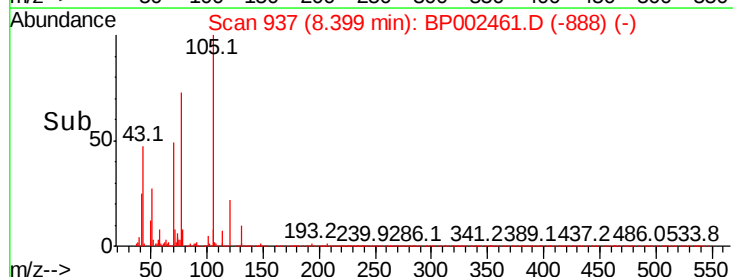
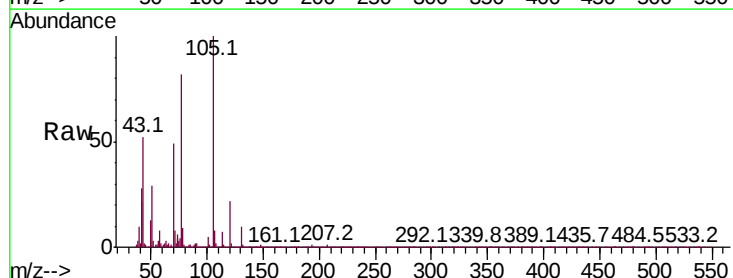
Instrument :
BNA_P
ClientSampleId :
PB129638BS

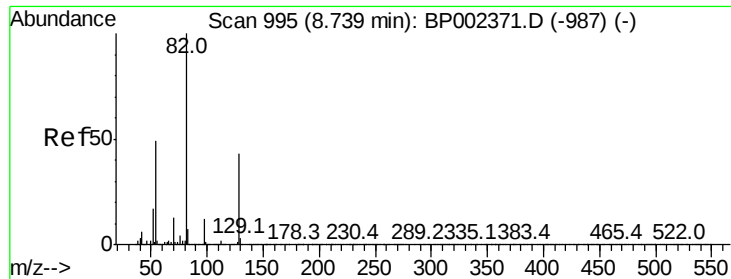
Tot Ion:136	Resp: 688091
Ion Ratio	Lower Upper
136 100	
137 10.7	8.8 13.2
54 8.8	6.4 9.6
68 7.2	5.6 8.4



#22
Acetophenone
Concen: 44.654 ng
RT: 8.40 min Scan# 937
Delta R.T. -0.01 min
Lab File: BP002461.D
Acq: 19 Jun 2020 16:35

Tgt	Ion:105	Resp:	690299
Ion	Ratio	Lower	Upper
105	100		
71	8.2	4.7	7.1#
51	28.7	21.4	32.0
120	21.8	18.1	27.1



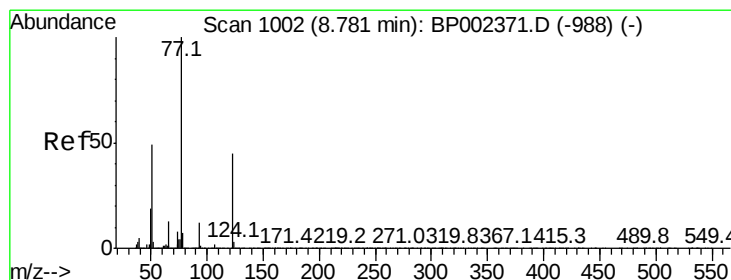
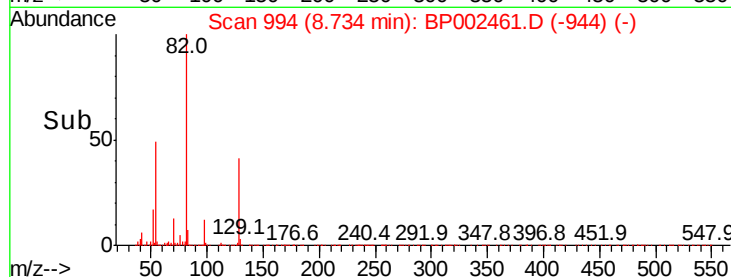
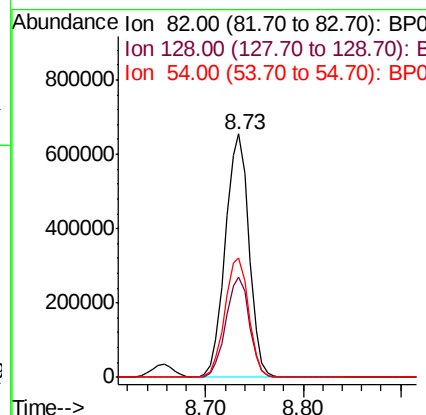
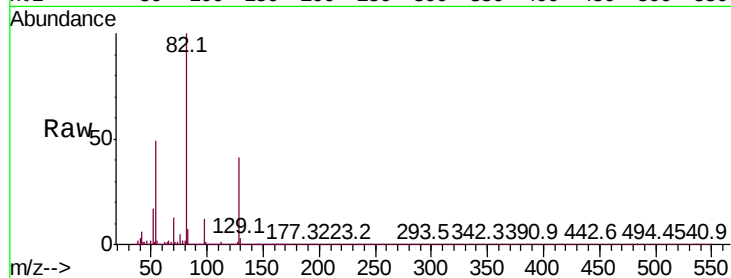


#23
 Nitrobenzene-d5
 Concen: 95.288 ng
 RT: 8.73 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BP002461.D
 Acq: 19 Jun 2020 16:35

Instrument :
 BNA_P
 ClientSampleId :
 PB129638BS

Tot Ion: 82 Resp: 1097929

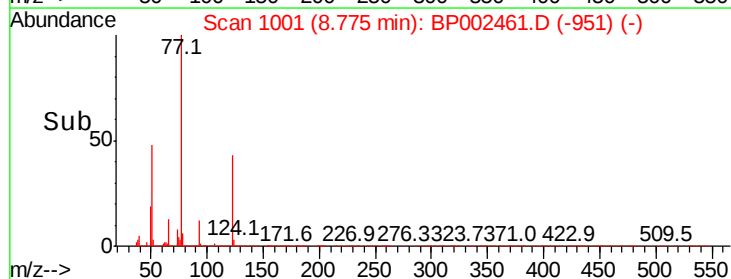
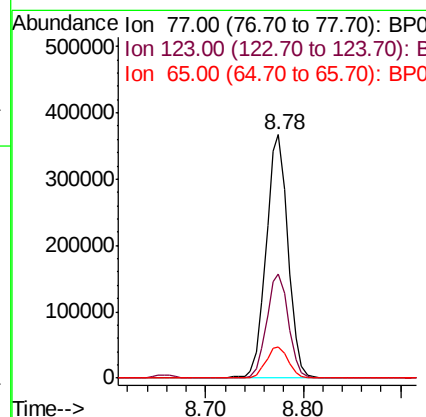
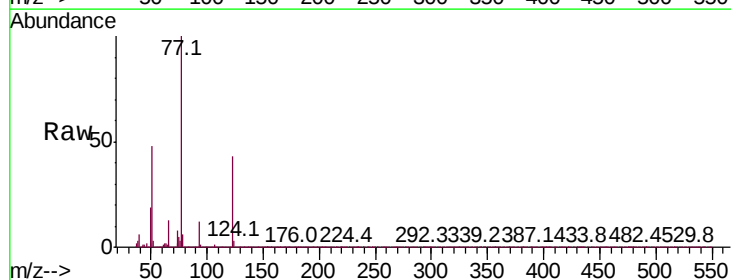
Ion	Ratio	Lower	Upper
82	100		
128	41.3	34.5	51.7
54	48.9	39.4	59.2

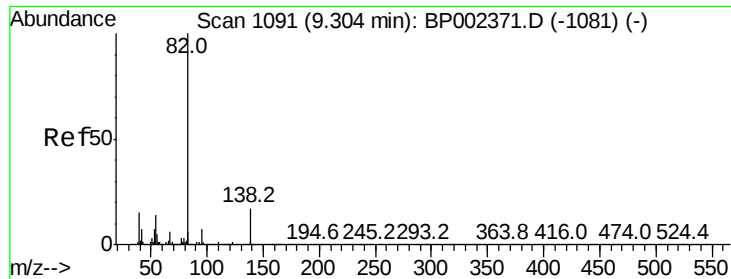


#24
 Nitrobenzene
 Concen: 46.716 ng
 RT: 8.78 min Scan# 1001
 Delta R.T. -0.01 min
 Lab File: BP002461.D
 Acq: 19 Jun 2020 16:35

Tgt Ion: 77 Resp: 578610

Ion	Ratio	Lower	Upper
77	100		
123	42.6	35.8	53.8
65	13.0	10.5	15.7





#25

Isophorone

Concen: 42.705 ng

RT: 9.30 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

Instrument :

BNA_P

ClientSampleId :

PB129638BS

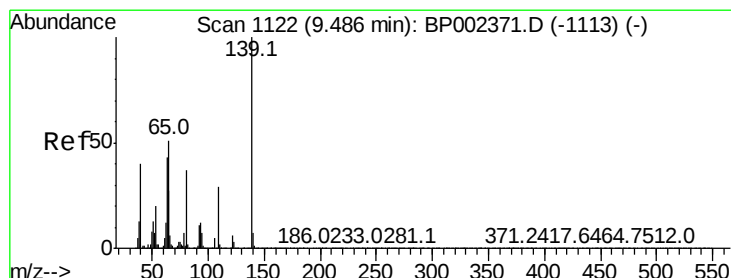
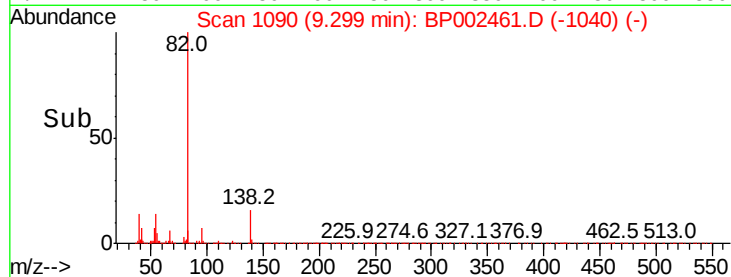
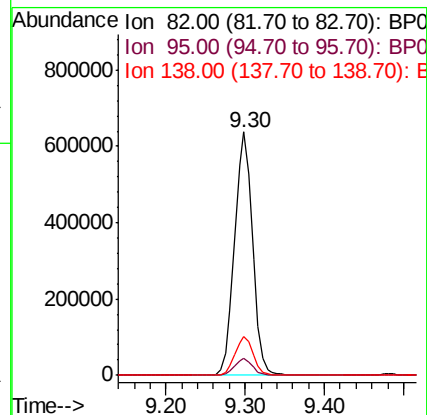
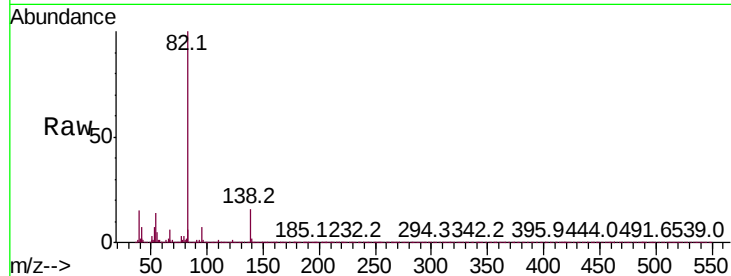
Tot Ion: 82 Resp: 1002152

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

138 16.1 13.4 20.0



#26

2-Nitrophenol

Concen: 47.730 ng

RT: 9.48 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

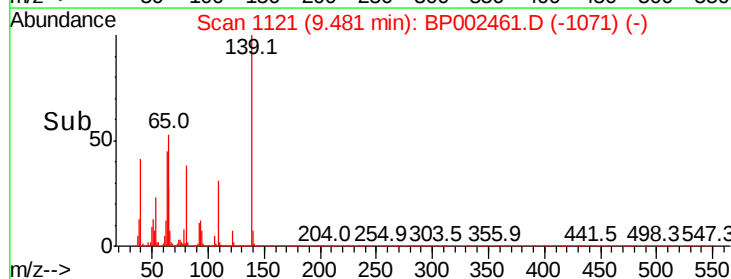
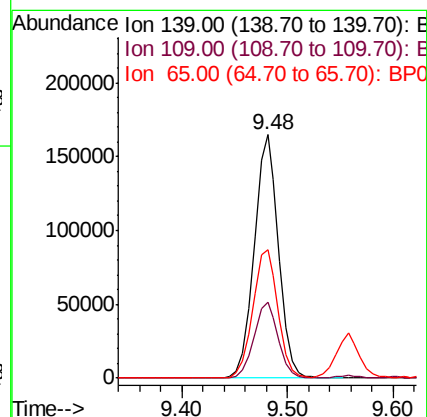
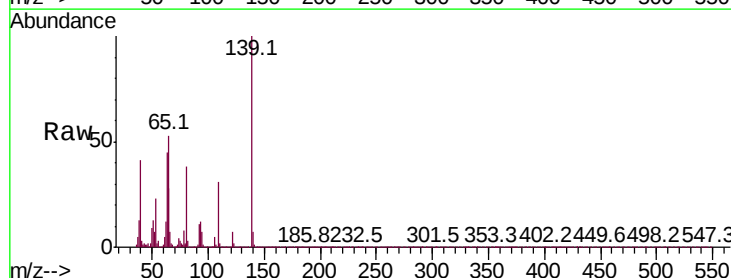
Tgt Ion: 139 Resp: 263427

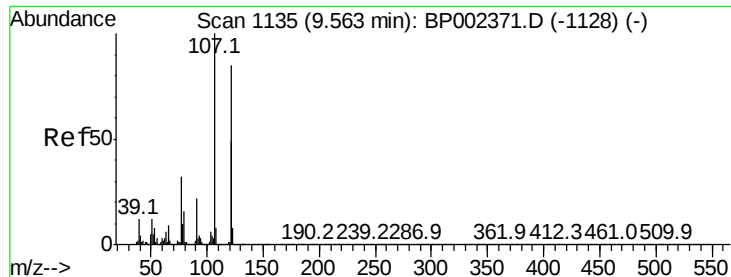
Ion Ratio Lower Upper

139 100

109 31.0 23.4 35.2

65 52.9 41.1 61.7

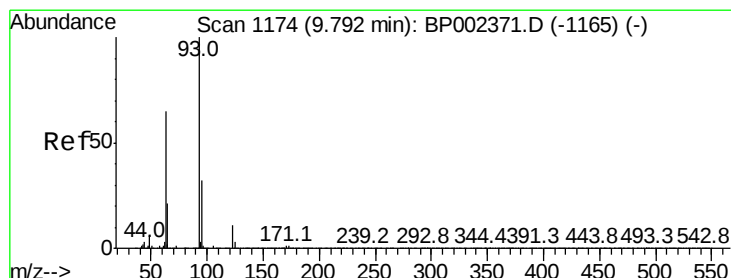
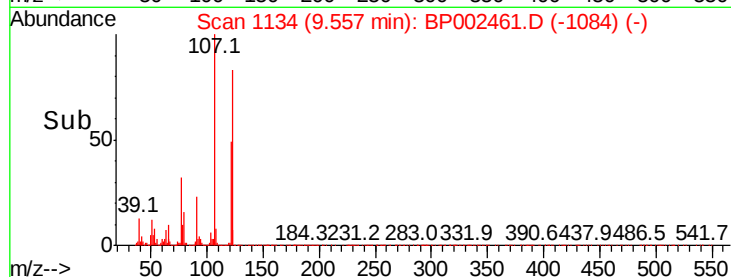
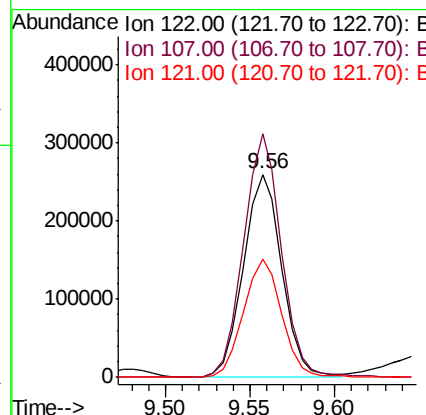
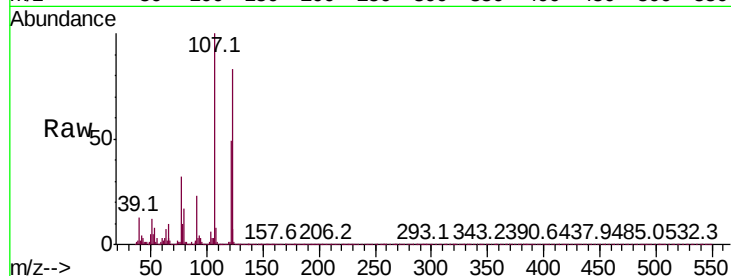




#27
2,4-Dimethylphenol
Concen: 47.340 ng
RT: 9.56 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BP002461.D
Acq: 19 Jun 2020 16:35

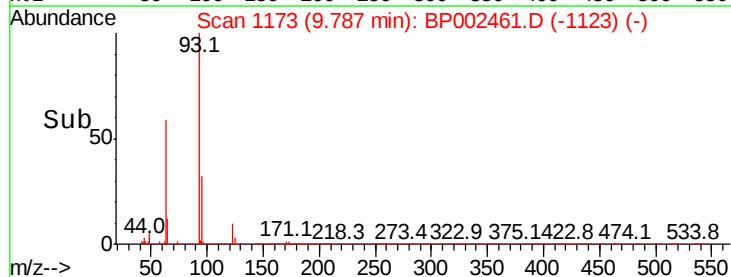
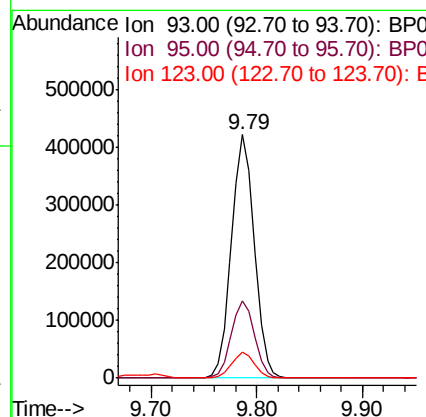
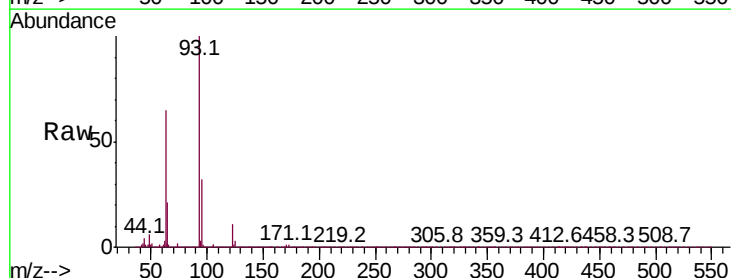
Instrument :
BNA_P
ClientSampleId :
PB129638BS

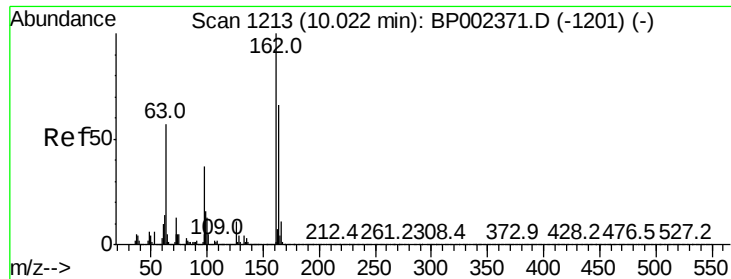
Tot Ion	Ratio	Lower	Upper
122	100		
107	119.9	94.0	141.0
121	58.4	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 45.188 ng
RT: 9.79 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BP002461.D
Acq: 19 Jun 2020 16:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.8	38.8
123	10.5	8.7	13.1





#29

2,4-Dichlorophenol

Concen: 44.794 ng

RT: 10.02 min Scan# 1212

Delta R.T. -0.01 min

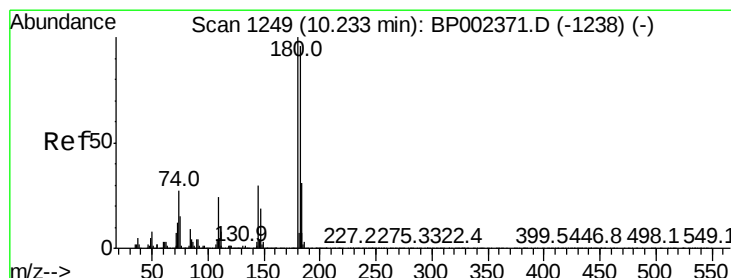
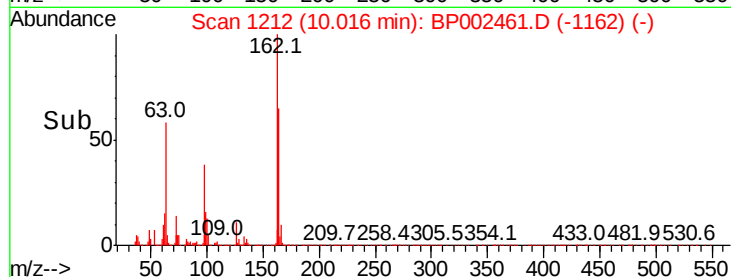
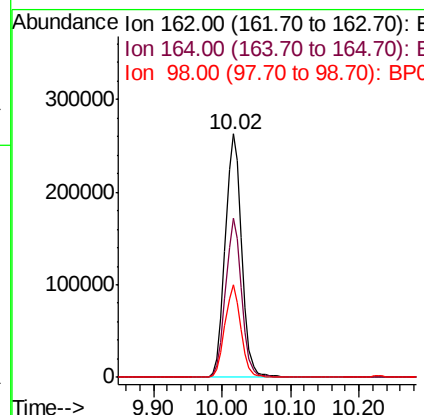
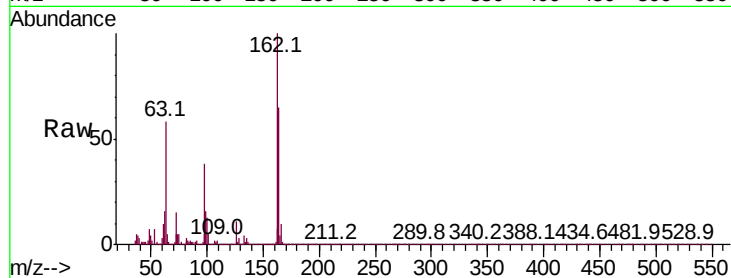
Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

Instrument :
BNA_P
ClientSampleId :
PB129638BS

Tot Ion:162 Resp: 436588

Ion	Ratio	Lower	Upper
162	100		
164	65.3	45.5	85.5
98	37.8	16.6	56.6



#30

1,2,4-Trichlorobenzene

Concen: 44.383 ng

RT: 10.23 min Scan# 1248

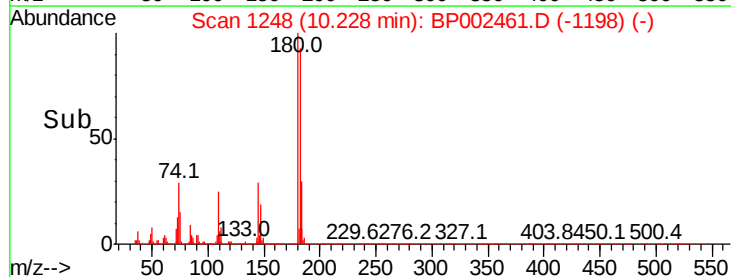
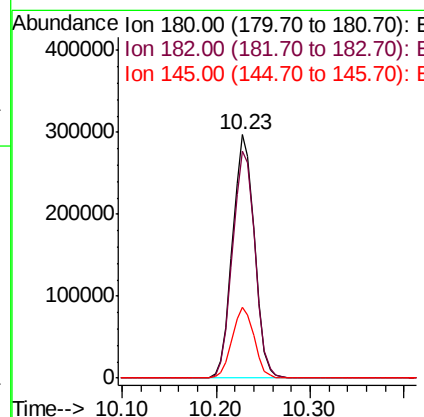
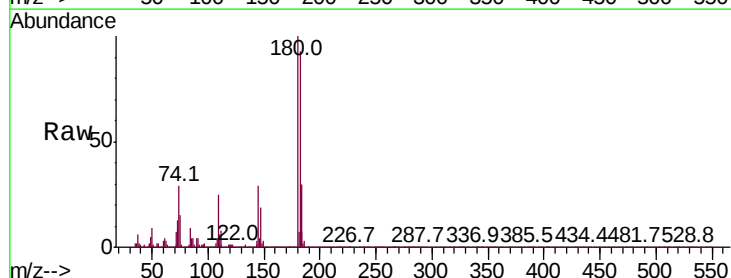
Delta R.T. -0.01 min

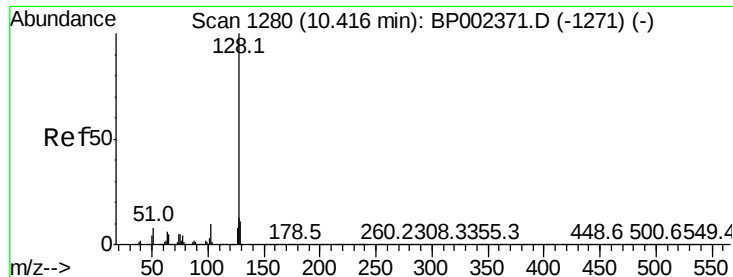
Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

Tgt Ion:180 Resp: 482191

Ion	Ratio	Lower	Upper
180	100		
182	93.2	77.1	115.7
145	29.3	23.8	35.6



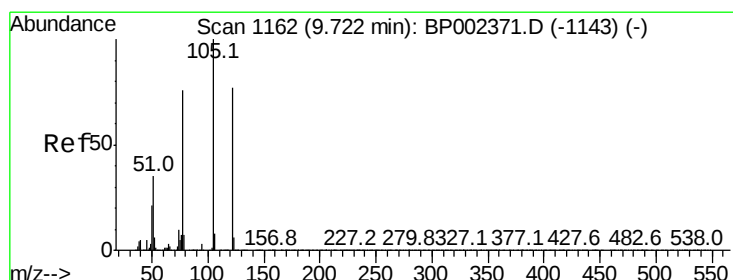
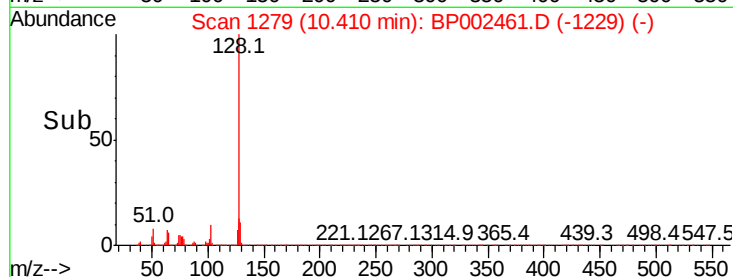
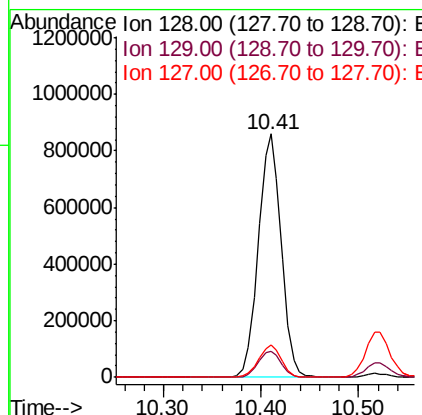
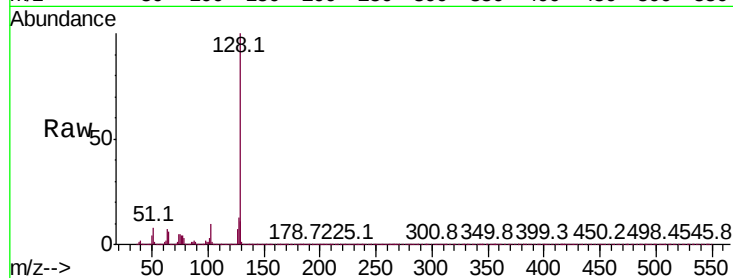


#31
Naphthalene
Concen: 44.326 ng
RT: 10.41 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BP002461.D
Acq: 19 Jun 2020 16:35

Instrument :
BNA_P
ClientSampleId :
PB129638BS

Tot Ion:128 Resp: 1416978

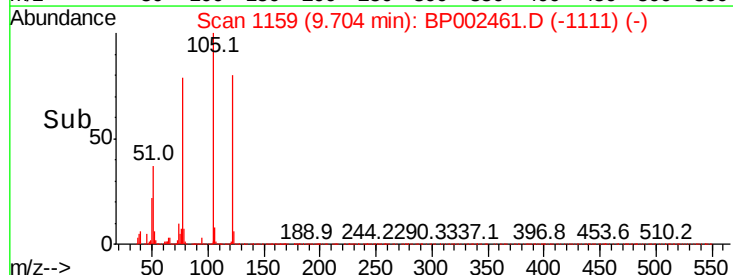
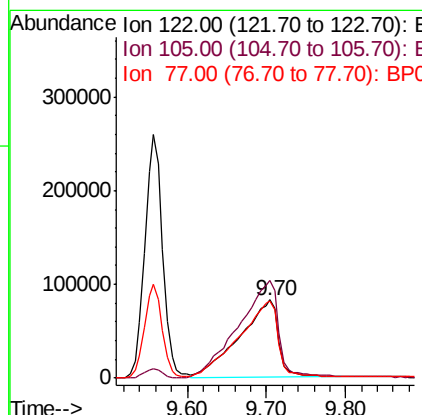
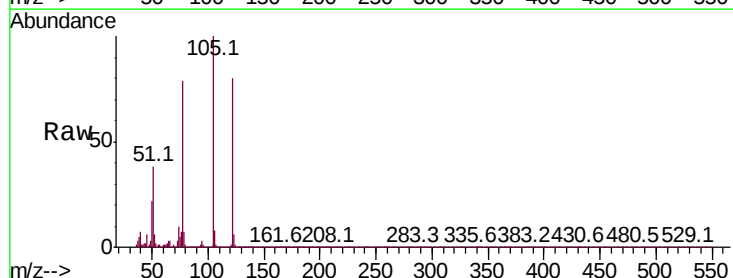
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.5	10.3	15.5

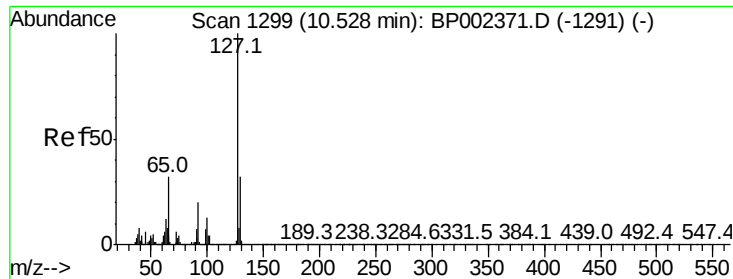


#32
Benzoic acid
Concen: 40.255 ng
RT: 9.70 min Scan# 1159
Delta R.T. -0.02 min
Lab File: BP002461.D
Acq: 19 Jun 2020 16:35

Tgt Ion:122 Resp: 281490

Ion	Ratio	Lower	Upper
122	100		
105	125.4	106.3	146.3
77	99.0	77.5	117.5

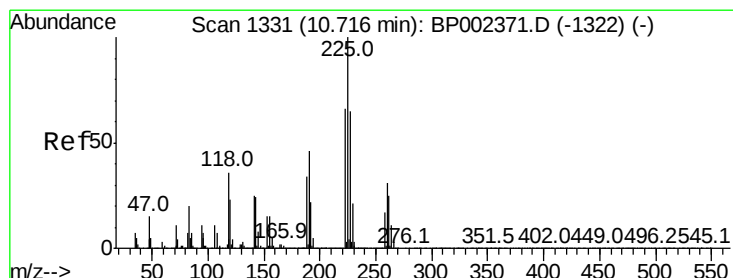
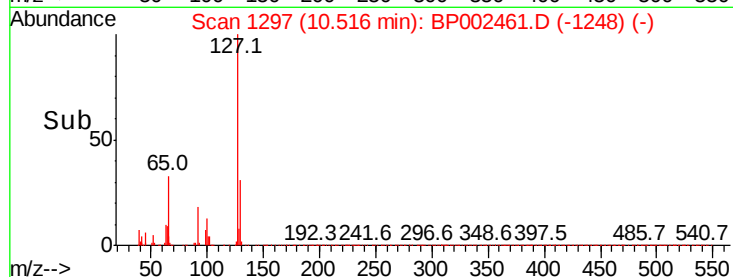
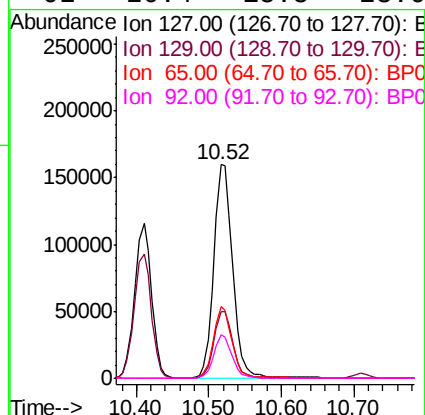
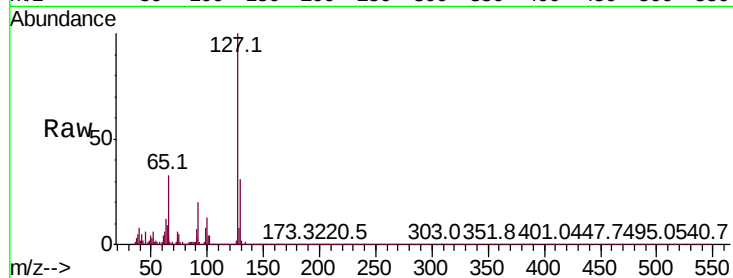




#33
4-Chloroaniline
Concen: 20.624 ng
RT: 10.52 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BP002461.D
Acq: 19 Jun 2020 16:35

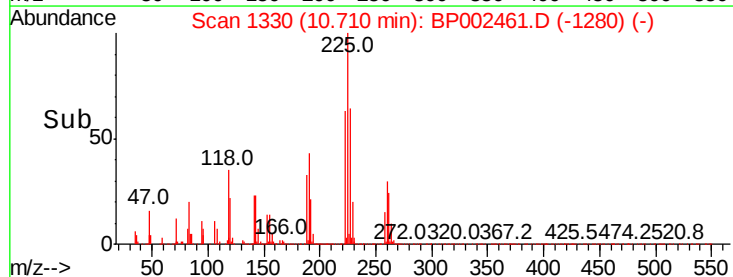
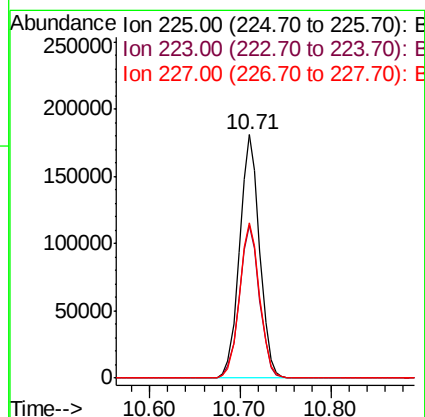
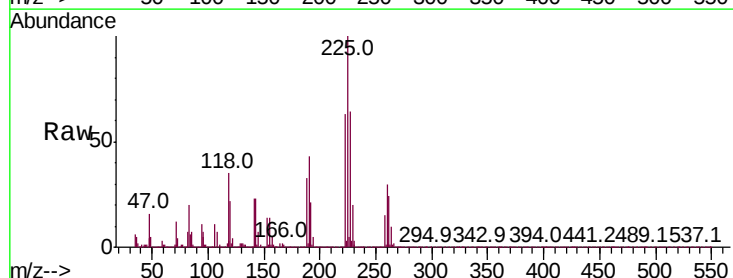
Instrument :
BNA_P
ClientSampleId :
PB129638BS

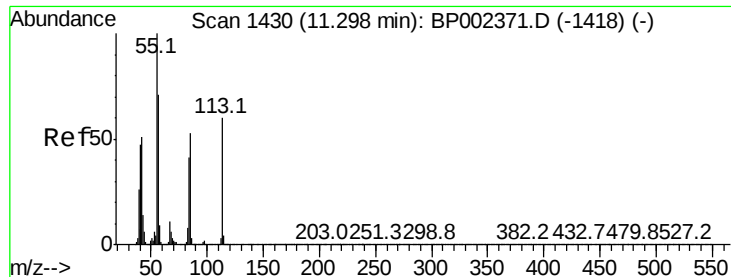
Tot Ion:127	Resp:	287816
Ion	Ratio	Lower Upper
127	100	
129	31.5	25.4 38.2
65	33.3	25.3 37.9
92	20.4	15.8 23.6



#34
Hexachlorobutadiene
Concen: 44.033 ng
RT: 10.71 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BP002461.D
Acq: 19 Jun 2020 16:35

Tgt Ion:225	Resp:	279165
Ion	Ratio	Lower Upper
225	100	
223	62.7	52.6 78.8
227	63.9	52.2 78.2

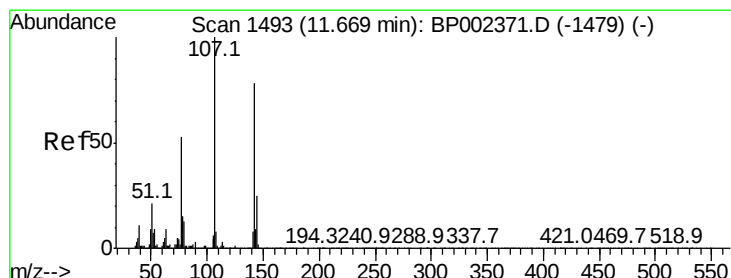
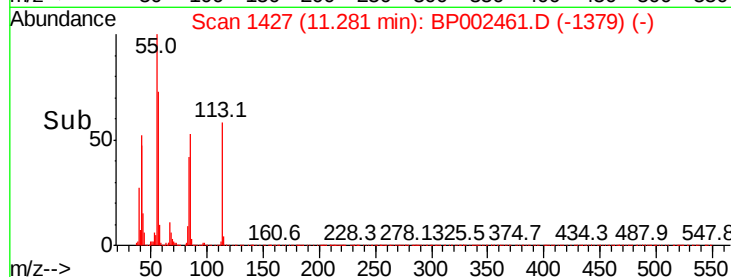
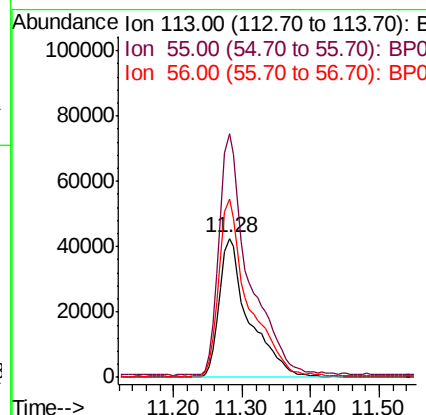
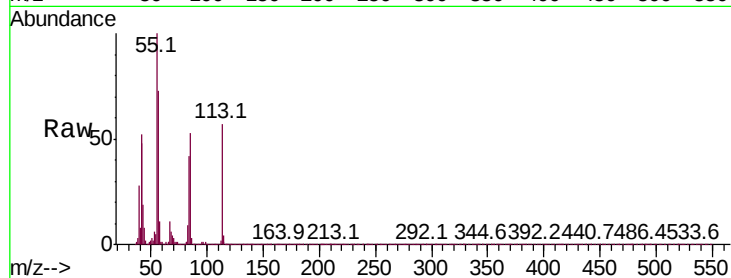




#35
 Caprolactam
 Concen: 37.040 ng
 RT: 11.28 min Scan# 1427
 Delta R.T. -0.02 min
 Lab File: BP002461.D
 Acq: 19 Jun 2020 16:35

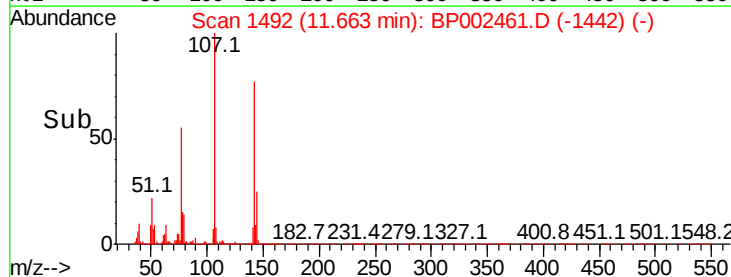
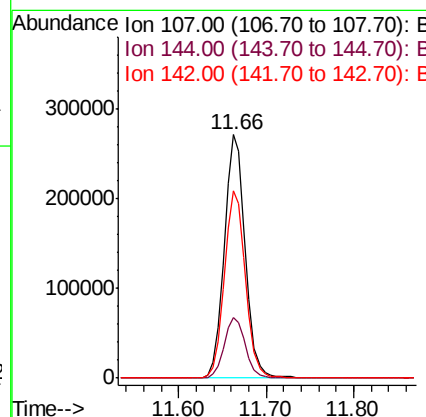
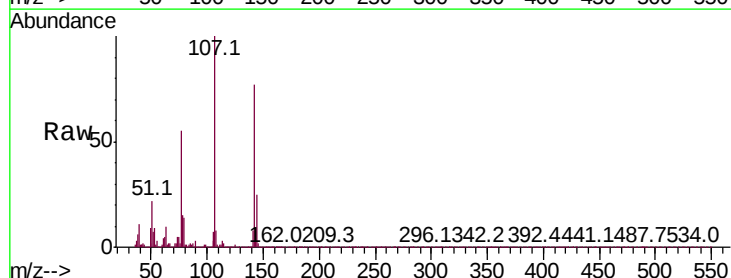
Instrument :
 BNA_P
 ClientSampleId :
 PB129638BS

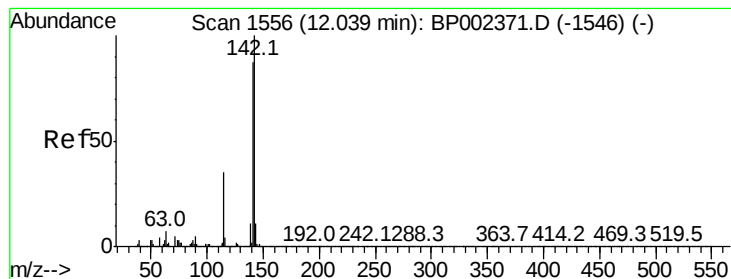
Tot Ion:113 Resp: 127327
 Ion Ratio Lower Upper
 113 100
 55 175.2 147.9 187.9
 56 127.9 99.9 139.9



#36
 4-Chloro-3-methylphenol
 Concen: 42.446 ng
 RT: 11.66 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BP002461.D
 Acq: 19 Jun 2020 16:35

Tgt Ion:107 Resp: 447625
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.4 30.6
 142 76.8 62.2 93.4





#37

2-Methylnaphthalene

Concen: 43.048 ng

RT: 12.03 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

Instrument :

BNA_P

ClientSampleId :

PB129638BS

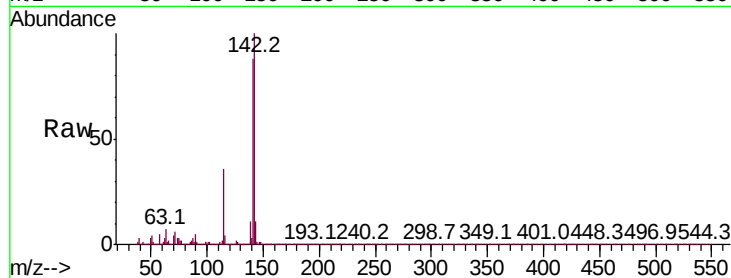
Tot Ion:142 Resp: 976727

Ion Ratio Lower Upper

142 100

141 87.8 69.7 104.5

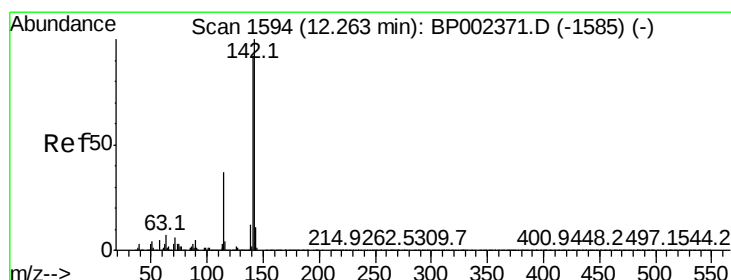
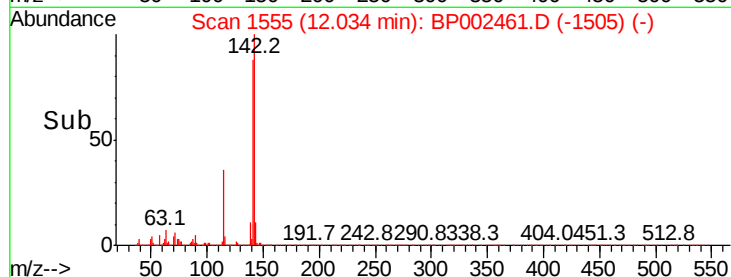
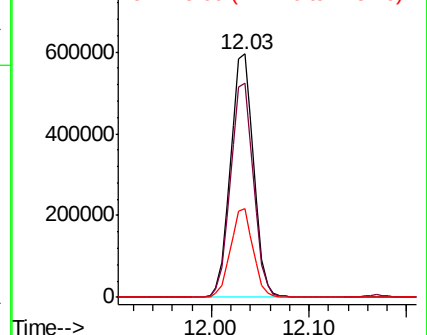
115 36.5 27.8 41.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.230 ng

RT: 12.25 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

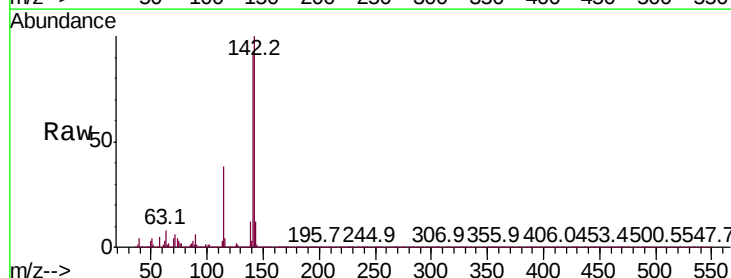
Tgt Ion:142 Resp: 920640

Ion Ratio Lower Upper

142 100

141 90.9 73.6 110.4

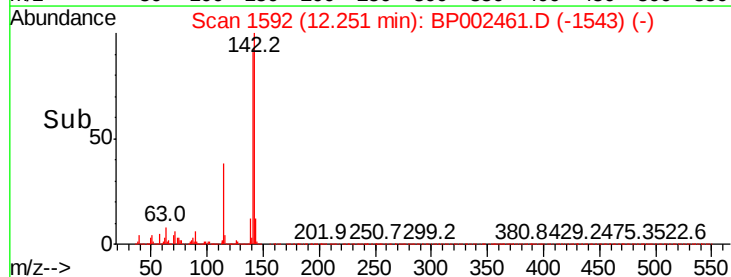
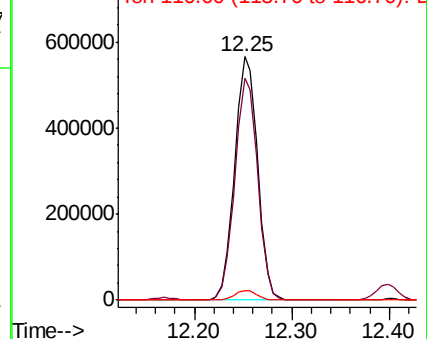
116 3.9 3.1 4.7

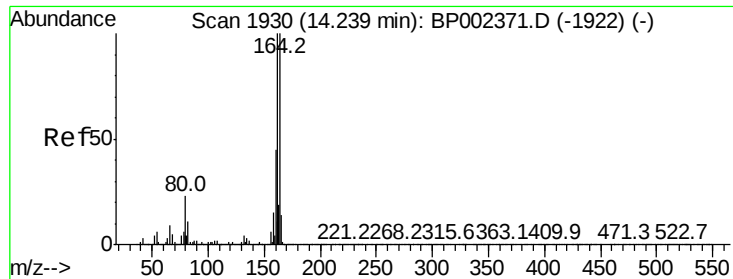


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.23 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

Instrument :

BNA_P

ClientSampleId :

PB129638BS

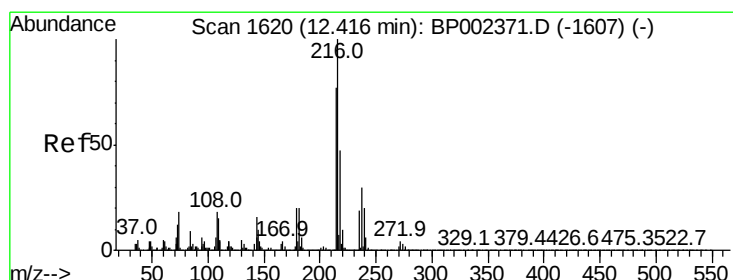
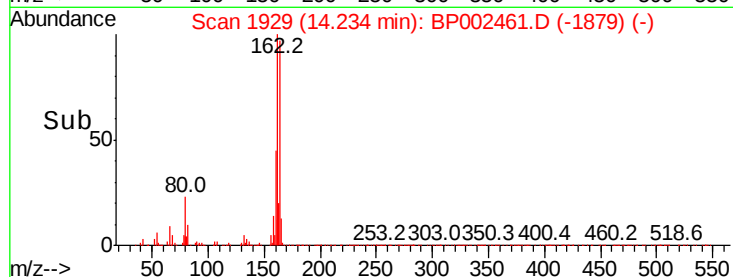
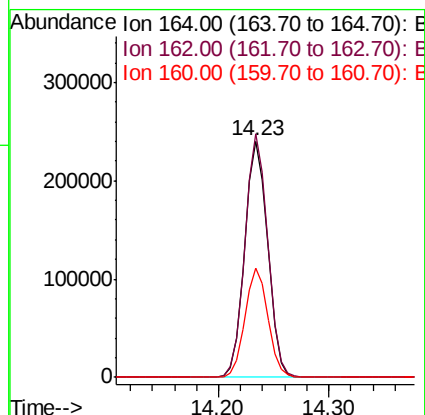
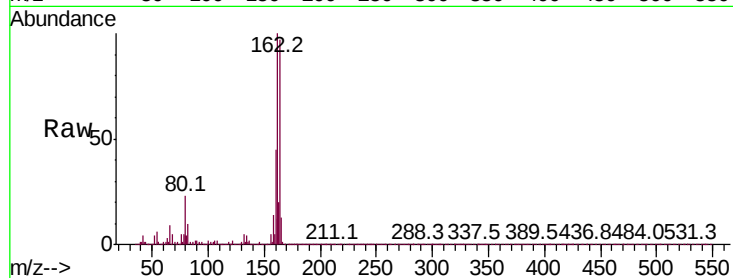
Tot Ion:164 Resp: 352859

Ion Ratio Lower Upper

164 100

162 103.0 79.8 119.8

160 46.2 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.056 ng

RT: 12.41 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

Tgt Ion:216 Resp: 465601

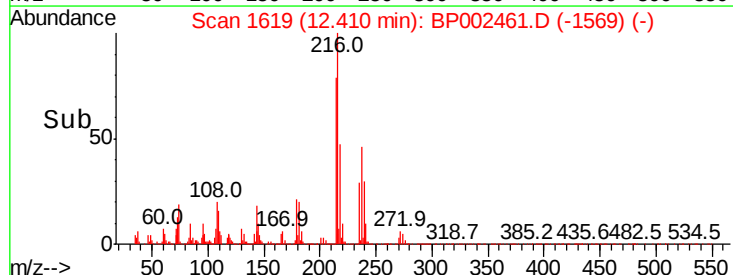
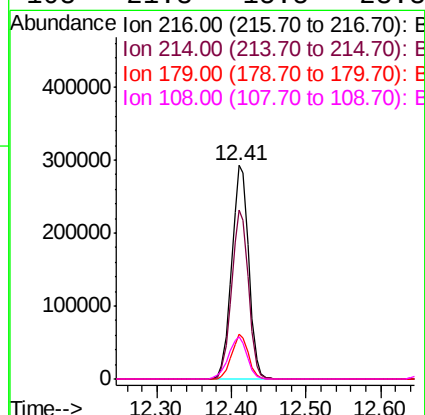
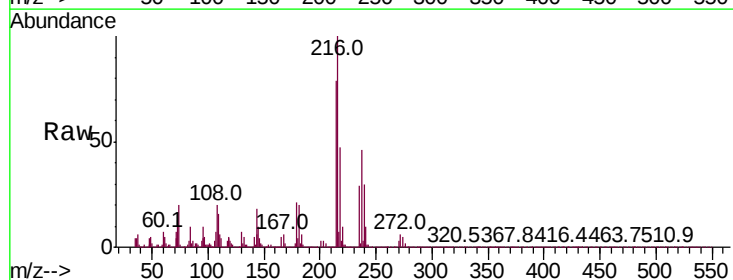
Ion Ratio Lower Upper

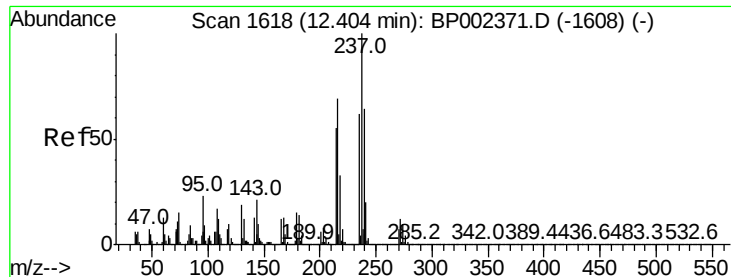
216 100

214 78.6 62.6 94.0

179 20.4 16.4 24.6

108 21.3 15.5 23.3





#41

Hexachlorocyclopentadiene

Concen: 90.652 ng

RT: 12.40 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

Instrument :

BNA_P

ClientSampleId :

PB129638BS

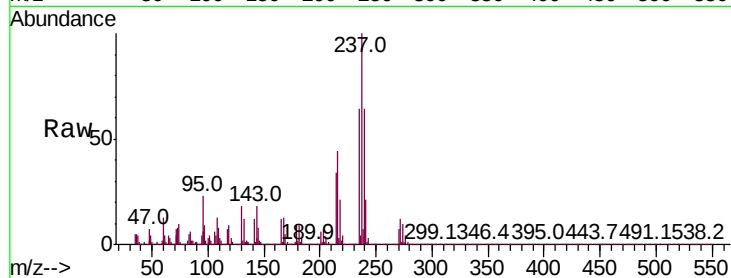
Tot Ion:237 Resp: 448283

Ion	Ratio	Lower	Upper
237	100		
235	63.8	42.0	82.0
272	12.3	0.0	32.5

237 100

235 63.8 42.0 82.0

272 12.3 0.0 32.5

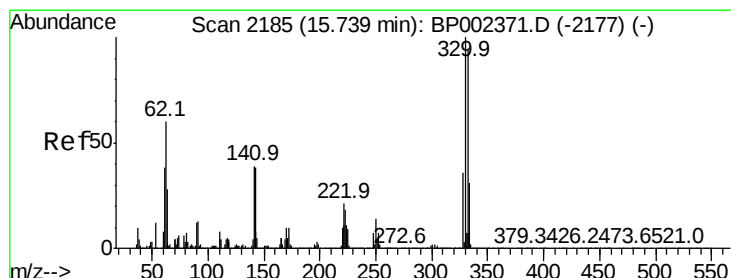
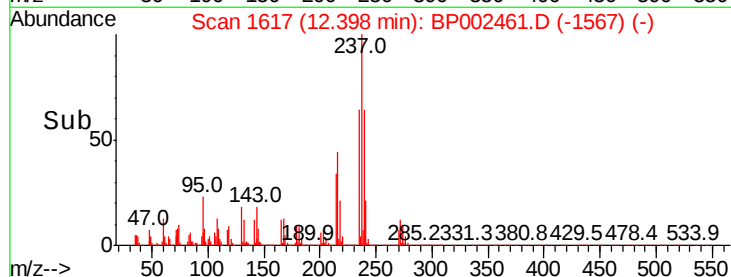
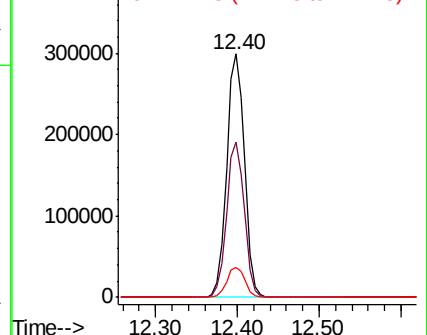


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 120.827 ng

RT: 15.73 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

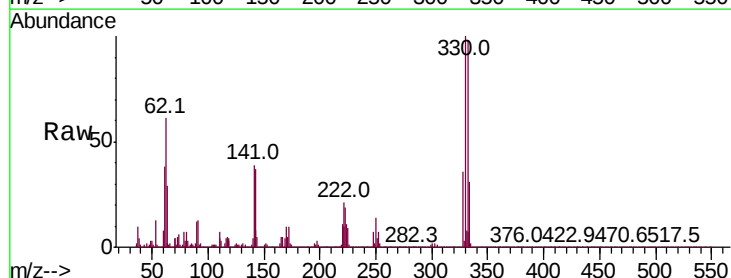
Tgt Ion:330 Resp: 408200

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	115.0
141	38.4	30.3	45.5

330 100

332 97.5 76.6 115.0

141 38.4 30.3 45.5

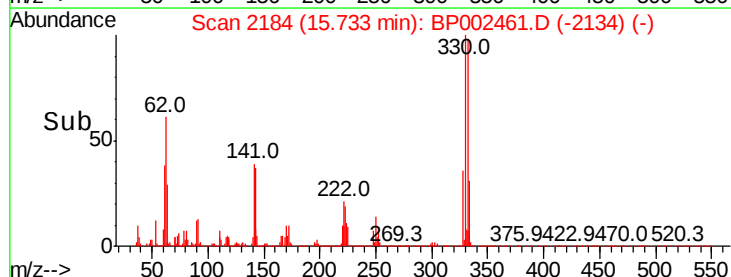
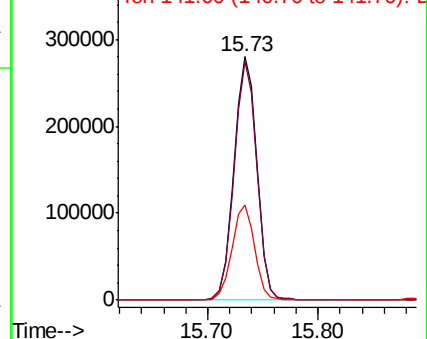


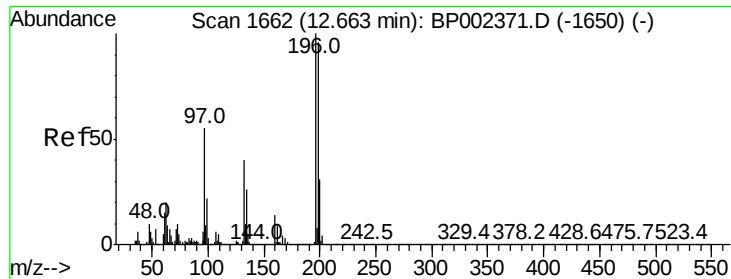
Abundance

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

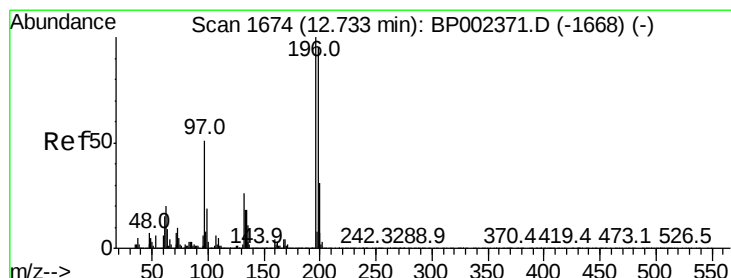
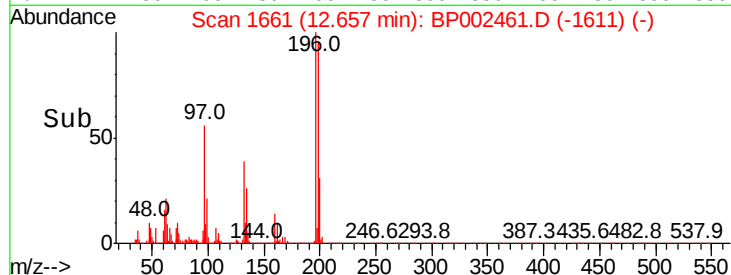
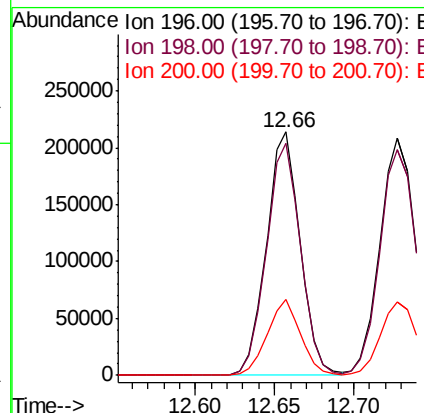
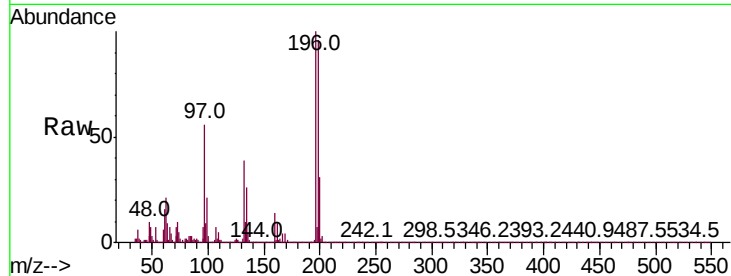




#43
2,4,6-Trichlorophenol
Concen: 48.261 ng
RT: 12.66 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BP002461.D
Acq: 19 Jun 2020 16:35

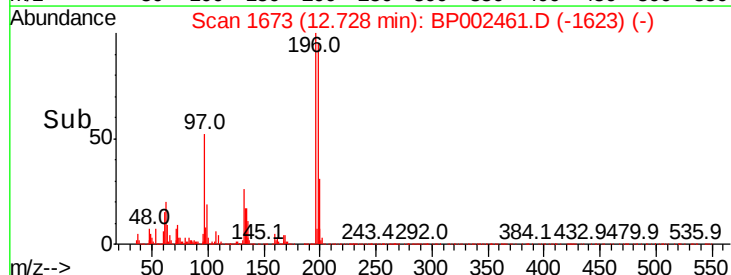
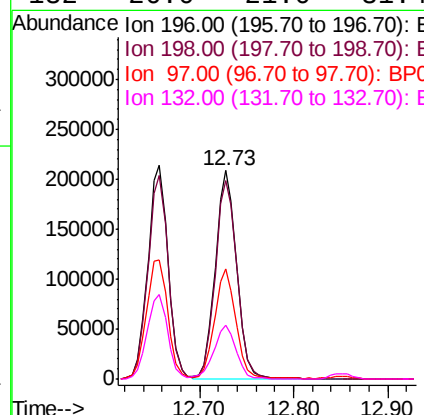
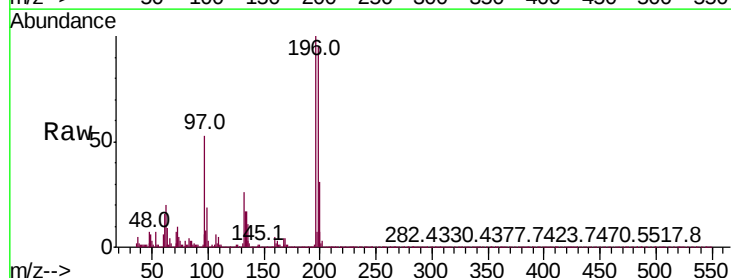
Instrument :
BNA_P
ClientSampleId :
PB129638BS

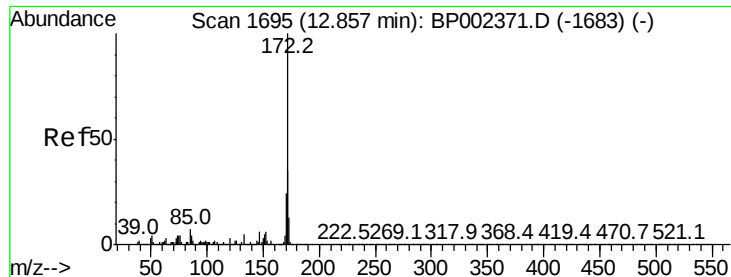
Tot Ion:196 Resp: 317697
Ion Ratio Lower Upper
196 100
198 95.5 76.6 115.0
200 31.4 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 43.770 ng
RT: 12.73 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BP002461.D
Acq: 19 Jun 2020 16:35

Tgt Ion:196 Resp: 333646
Ion Ratio Lower Upper
196 100
198 95.2 76.2 114.2
97 52.5 40.6 61.0
132 26.0 21.0 31.4

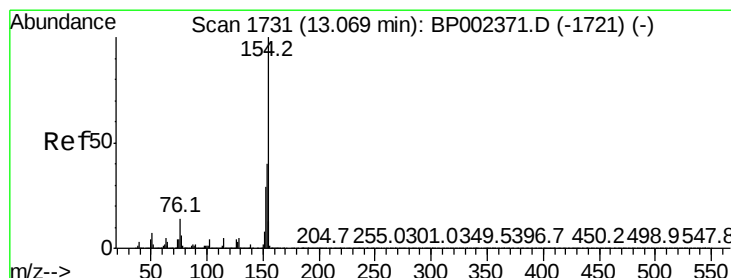
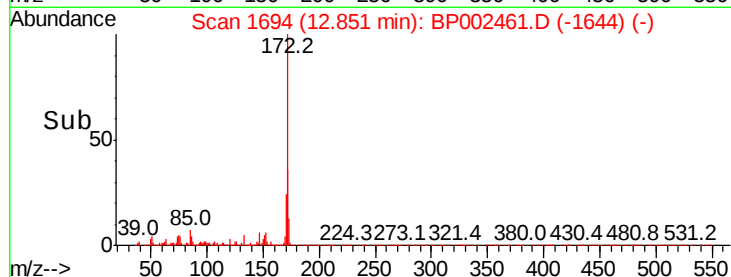
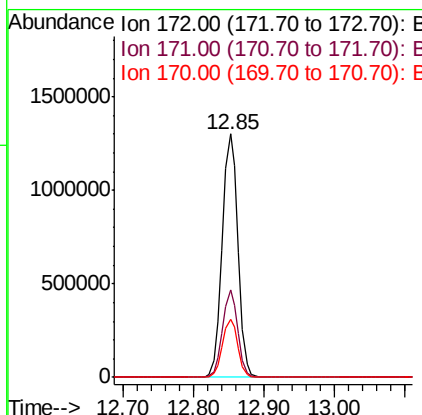
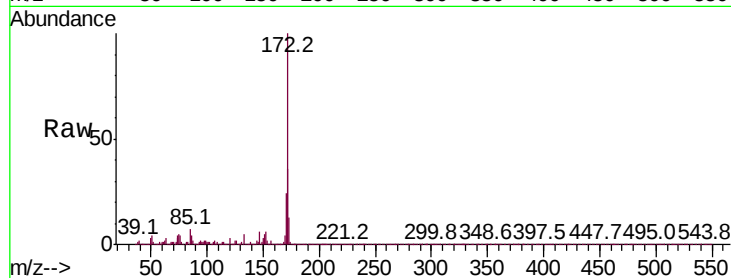




#45
2-Fluorobiphenyl
Concen: 95.570 ng
RT: 12.85 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BP002461.D
Acq: 19 Jun 2020 16:35

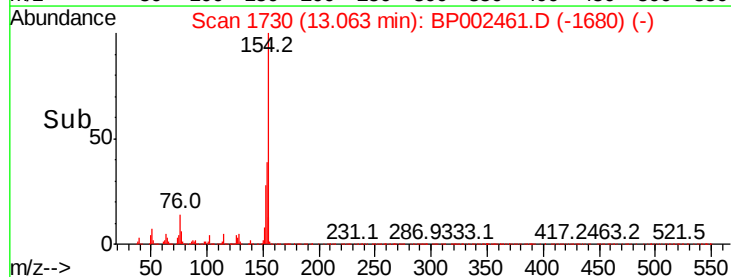
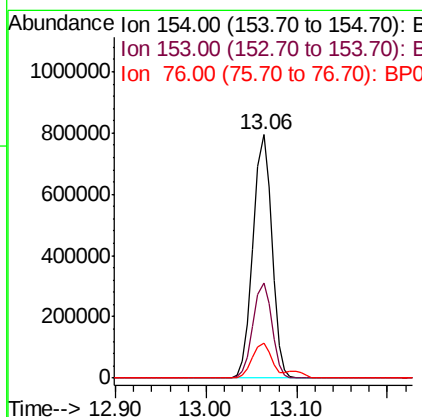
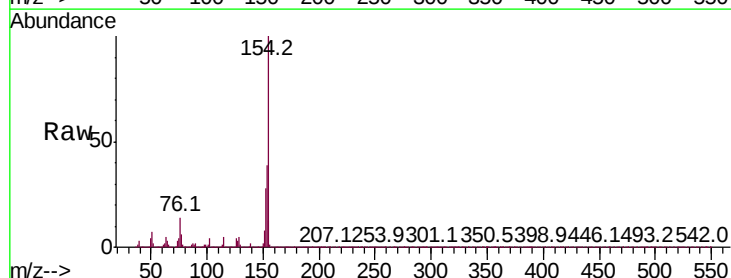
Instrument :
BNA_P
ClientSampleId :
PB129638BS

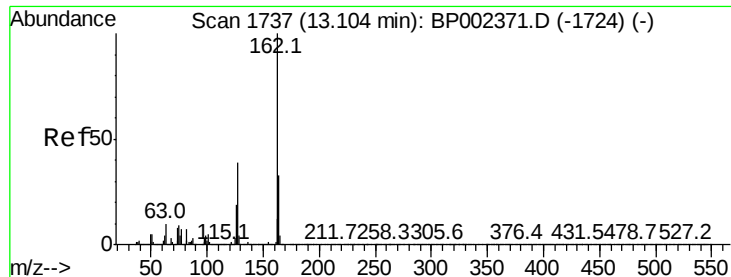
Tot Ion:172 Resp: 2005610
Ion Ratio Lower Upper
172 100
171 35.8 27.8 41.8
170 23.8 19.0 28.6



#46
1,1'-Biphenyl
Concen: 49.508 ng
RT: 13.06 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BP002461.D
Acq: 19 Jun 2020 16:35

Tgt Ion:154 Resp: 1144917
Ion Ratio Lower Upper
154 100
153 38.9 20.2 60.2
76 14.3 0.0 34.2

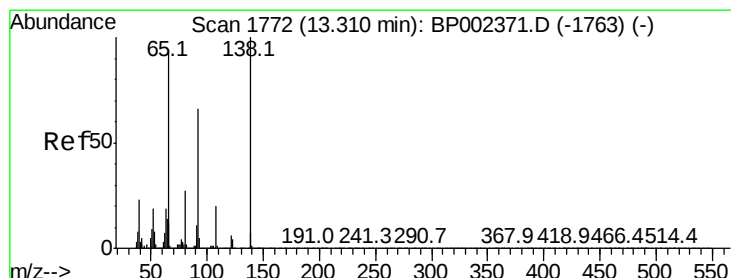
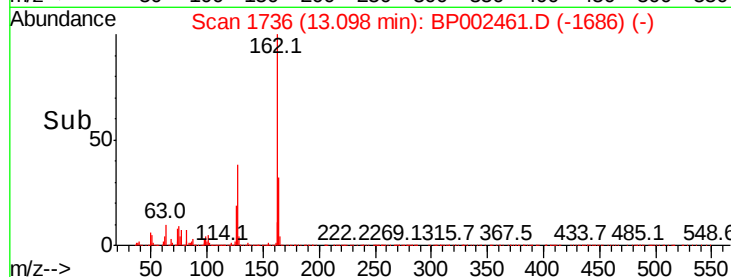
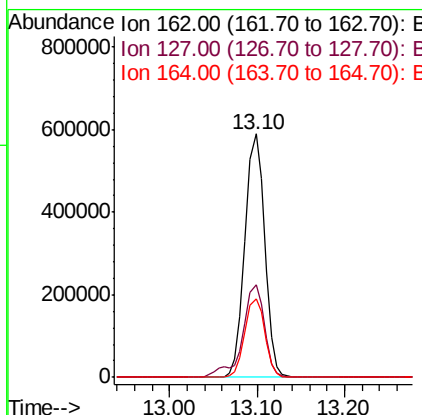
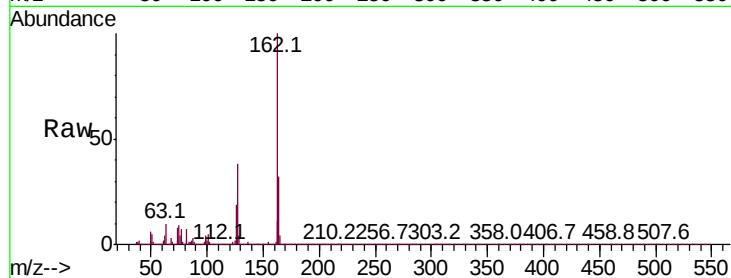




#47
2-Chloronaphthalene
Concen: 47.212 ng
RT: 13.10 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BP002461.D
Acq: 19 Jun 2020 16:35

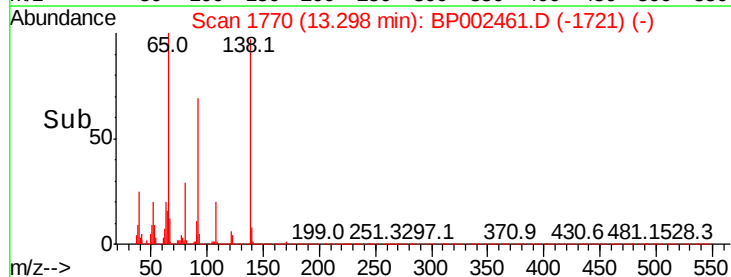
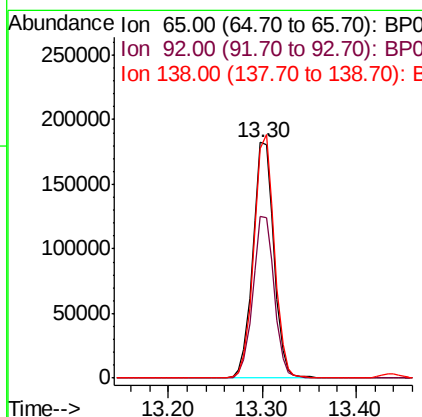
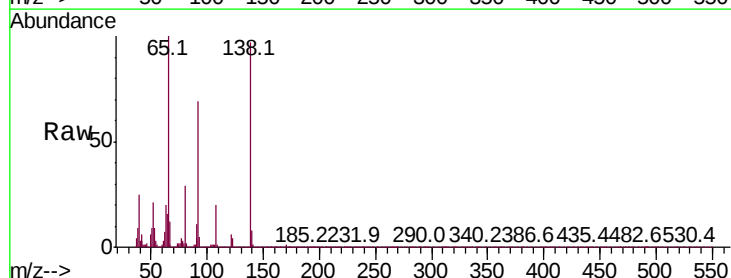
Instrument :
BNA_P
ClientSampleId :
PB129638BS

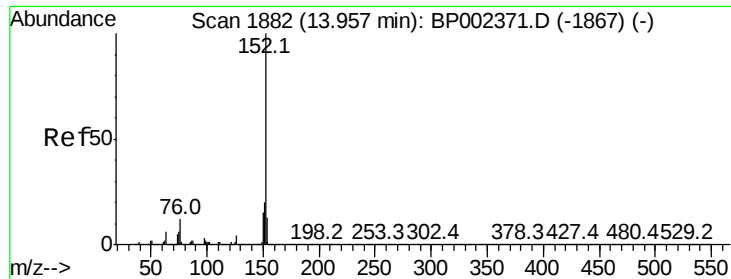
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	31.0	46.4
164	32.0	26.6	40.0



#48
2-Nitroaniline
Concen: 46.885 ng
RT: 13.30 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BP002461.D
Acq: 19 Jun 2020 16:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.6	56.3	84.5
138	97.4	85.0	127.6





#49

Acenaphthylene

Concen: 46.105 ng

RT: 13.95 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

Instrument :

BNA_P

ClientSampleId :

PB129638BS

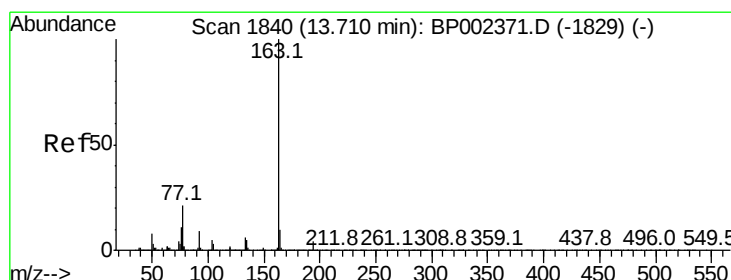
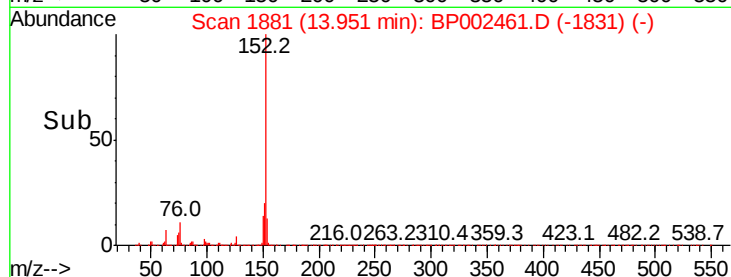
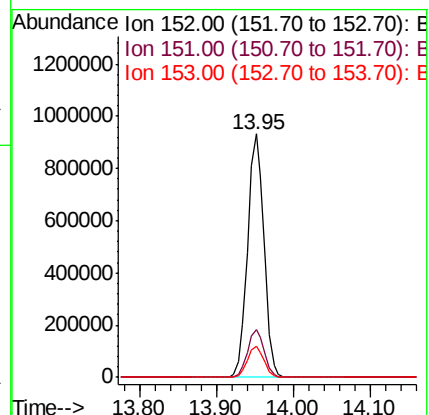
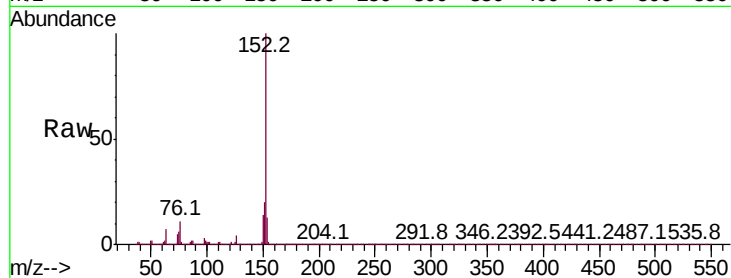
Tot Ion:152 Resp: 1392003

Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

153 13.0 10.5 15.7



#50

Dimethylphthalate

Concen: 42.917 ng

RT: 13.70 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

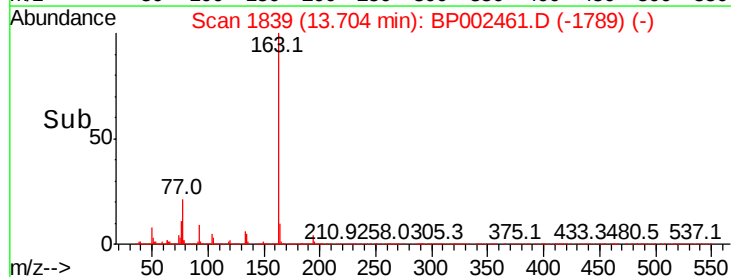
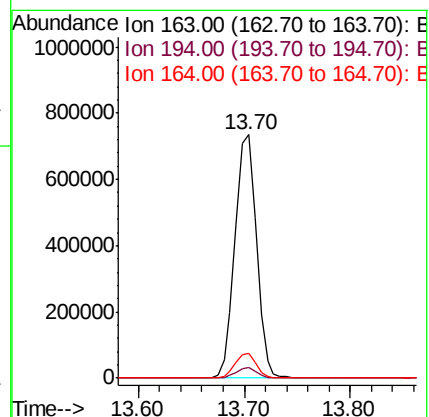
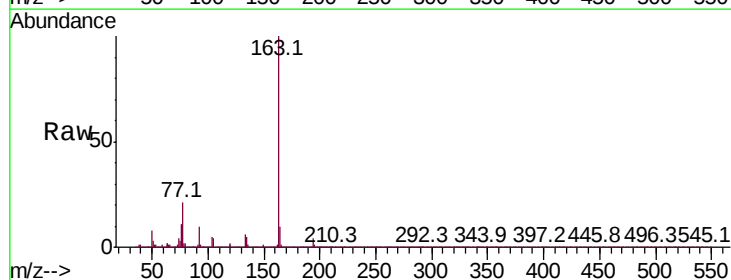
Tgt Ion:163 Resp: 1037634

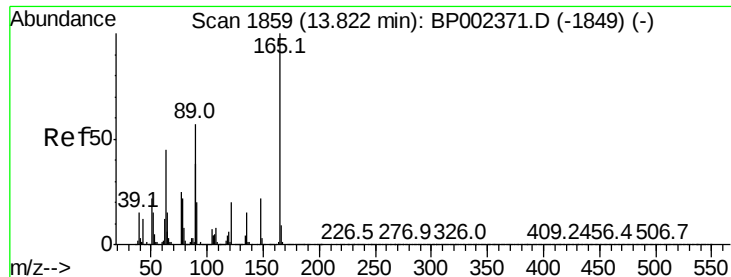
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.0 8.1 12.1

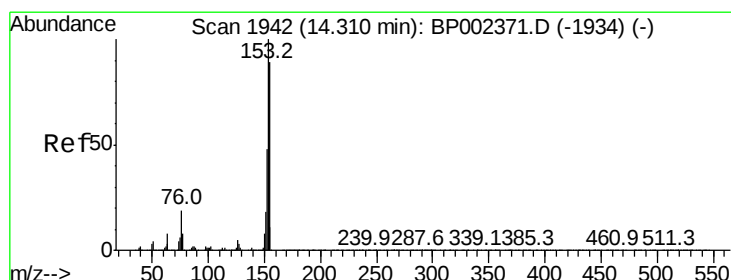
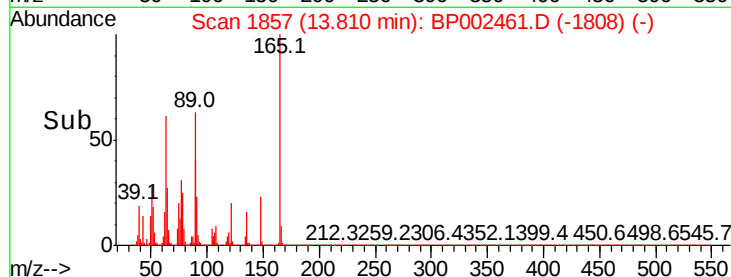
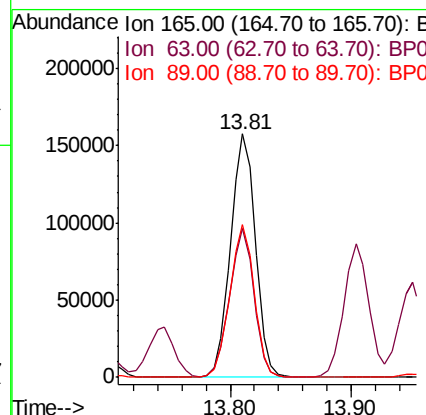
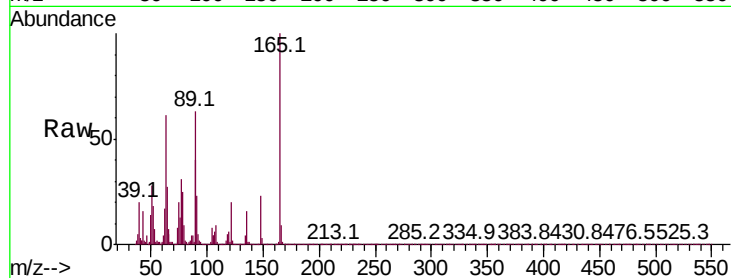




#51
2,6-Dinitrotoluene
Concen: 42.977 ng
RT: 13.81 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BP002461.D
Acq: 19 Jun 2020 16:35

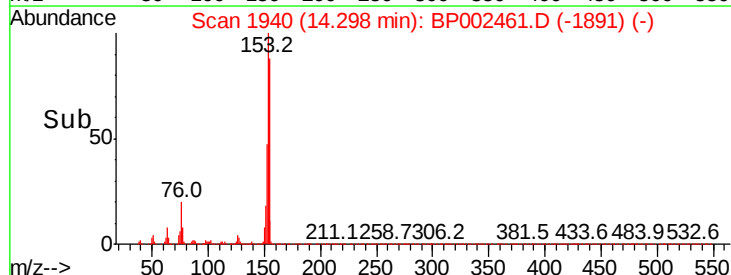
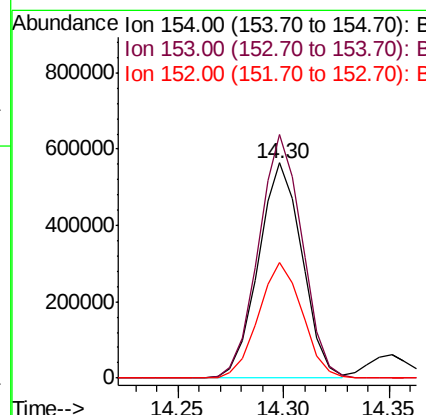
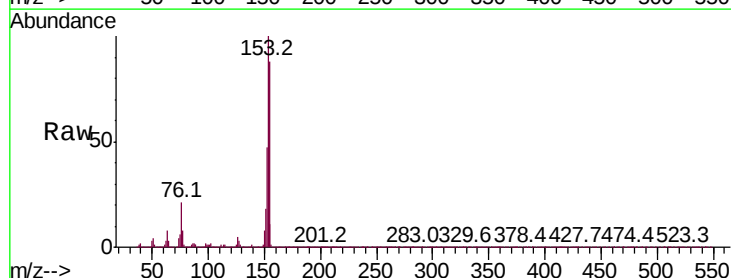
Instrument :
BNA_P
ClientSampleId :
PB129638BS

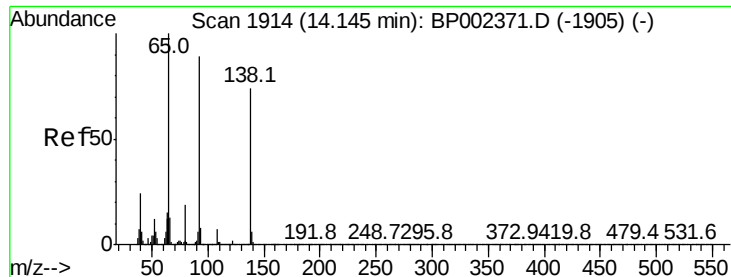
Tot Ion:165 Resp: 225663
Ion Ratio Lower Upper
165 100
63 61.0 43.1 64.7
89 62.8 45.3 67.9



#52
Acenaphthene
Concen: 45.864 ng
RT: 14.30 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BP002461.D
Acq: 19 Jun 2020 16:35

Tgt Ion:154 Resp: 811194
Ion Ratio Lower Upper
154 100
153 113.1 89.5 134.3
152 53.5 43.3 64.9

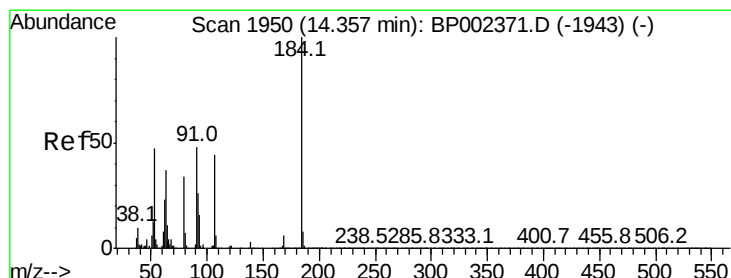
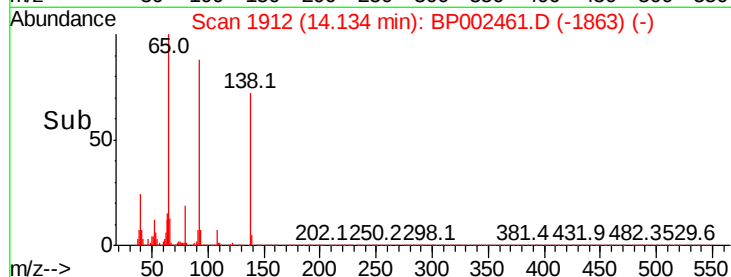
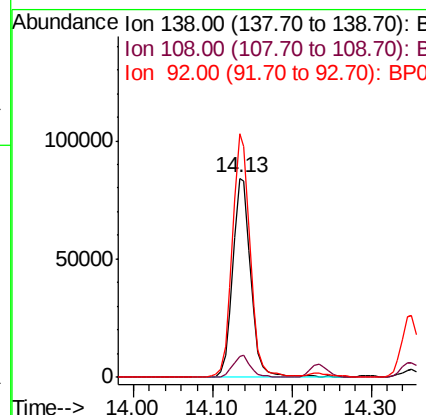
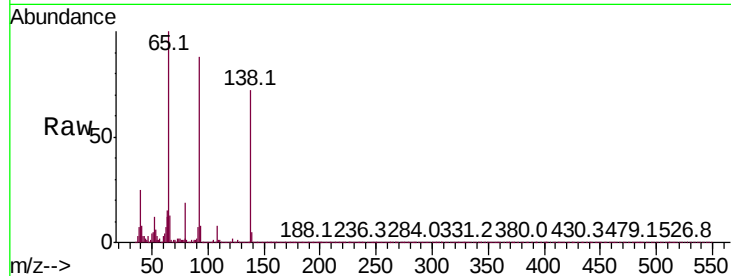




#53
3-Nitroaniline
Concen: 21.910 ng
RT: 14.13 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BP002461.D
Acq: 19 Jun 2020 16:35

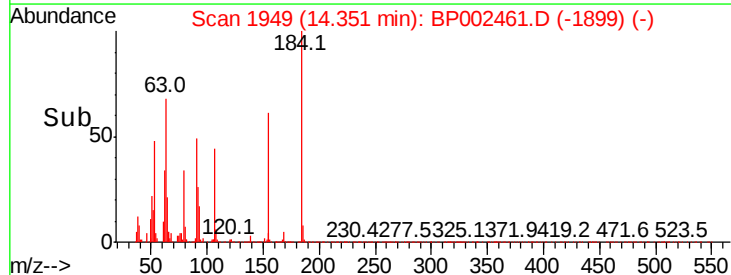
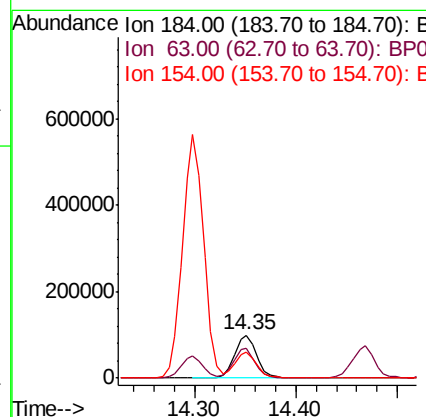
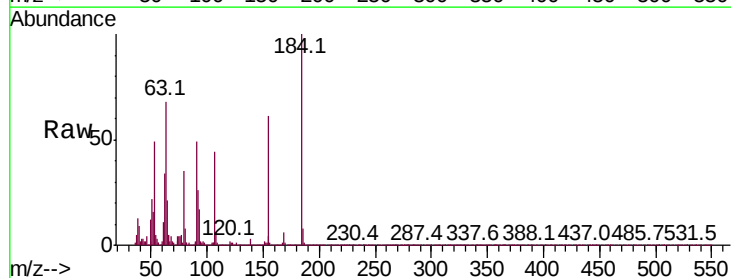
Instrument :
BNA_P
ClientSampleId :
PB129638BS

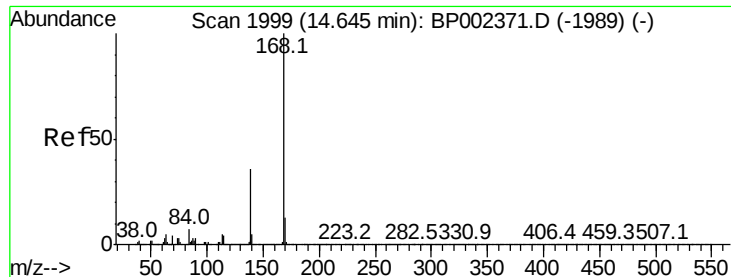
Tot Ion:138 Resp: 131366
Ion Ratio Lower Upper
138 100
108 10.5 8.0 12.0
92 122.1 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 49.622 ng
RT: 14.35 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BP002461.D
Acq: 19 Jun 2020 16:35

Tgt Ion:184 Resp: 150201
Ion Ratio Lower Upper
184 100
63 68.0 52.3 78.5
154 61.2 48.6 72.8





#55

Dibenzenofuran

Concen: 43.990 ng

RT: 14.64 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

Instrument :

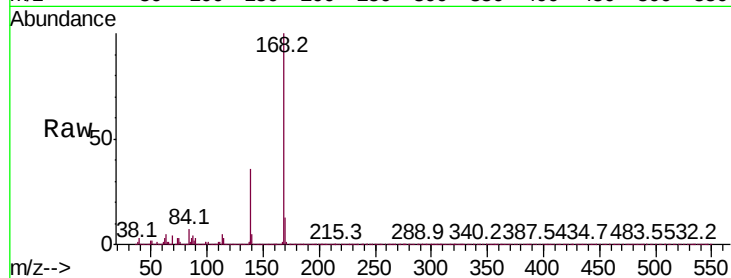
BNA_P

ClientSampleId :

PB129638BS

Tot Ion:168 Resp: 1252679

Ion	Ratio	Lower	Upper
168	100		
139	36.4	28.9	43.3
169	13.2	10.6	15.8

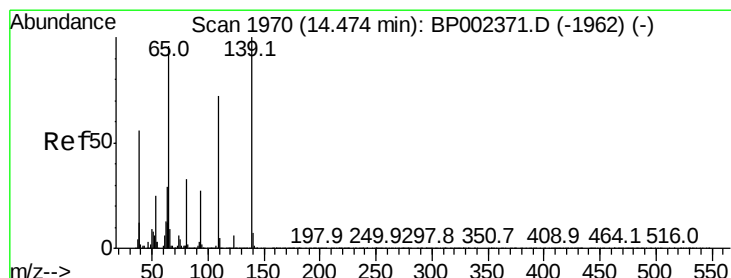
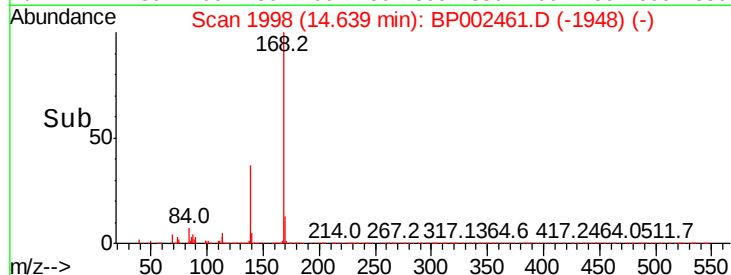
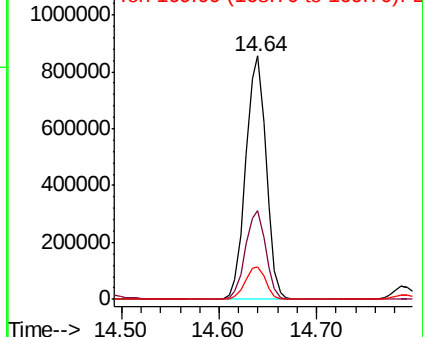


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 77.240 ng

RT: 14.47 min Scan# 1969

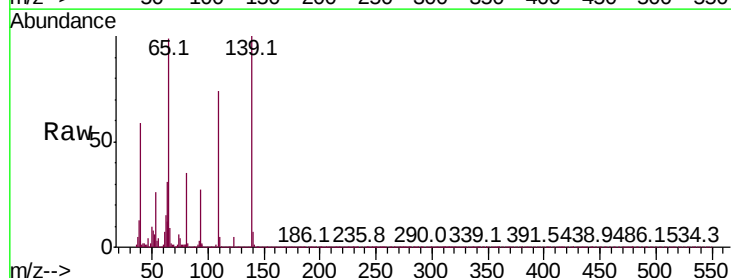
Delta R.T. -0.01 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

Tgt Ion:139 Resp: 367697

Ion	Ratio	Lower	Upper
139	100		
109	74.3	52.0	92.0
65	98.7	76.3	116.3

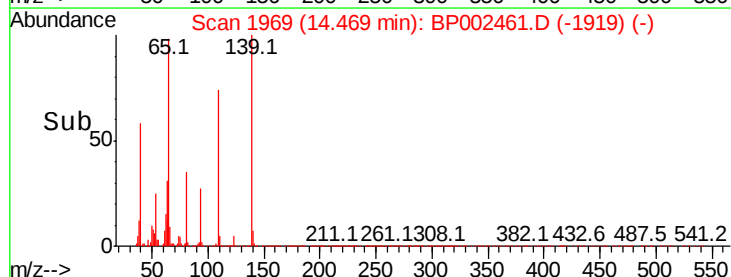
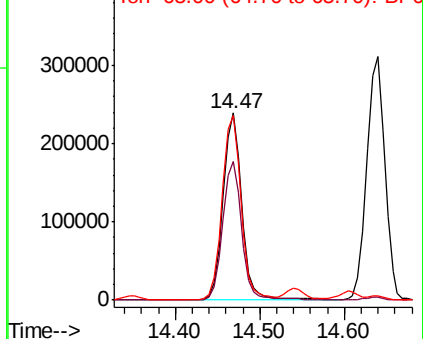


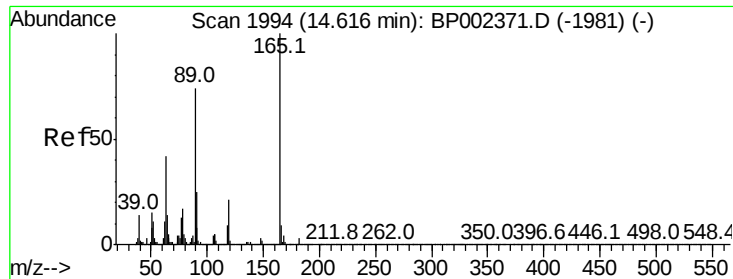
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

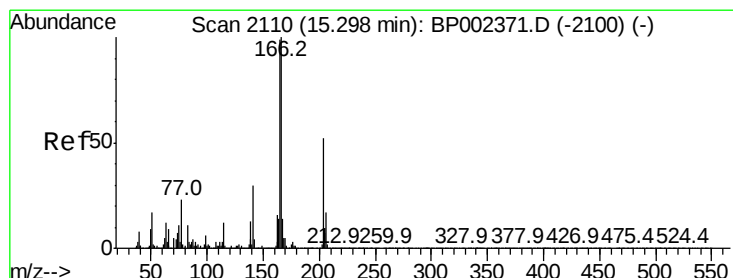
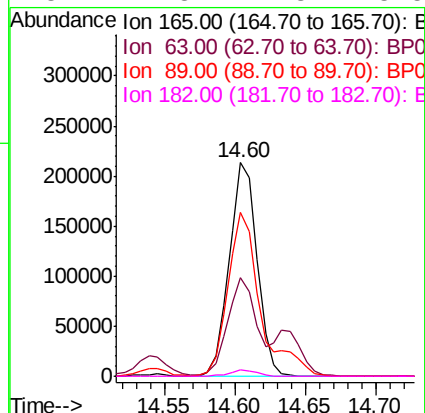
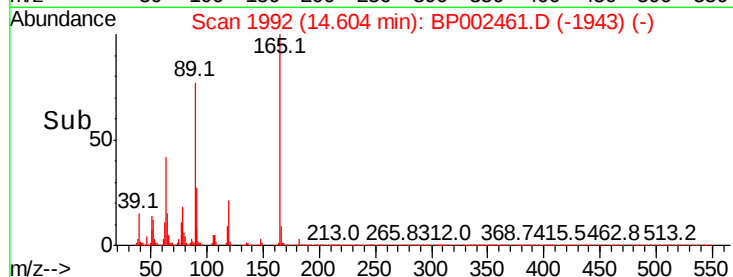
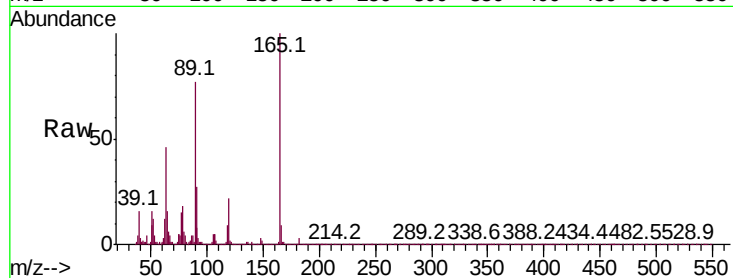




#57
2,4-Dinitrotoluene
Concen: 40.741 ng
RT: 14.60 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BP002461.D
Acq: 19 Jun 2020 16:35

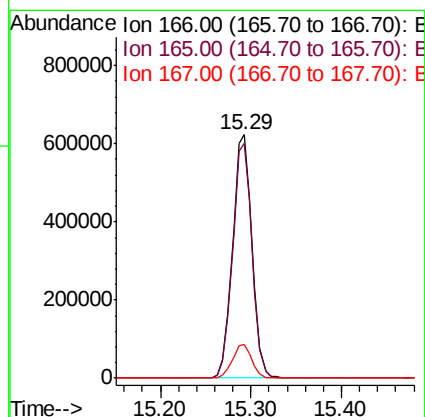
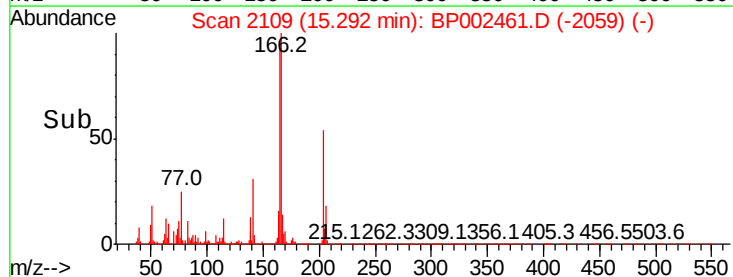
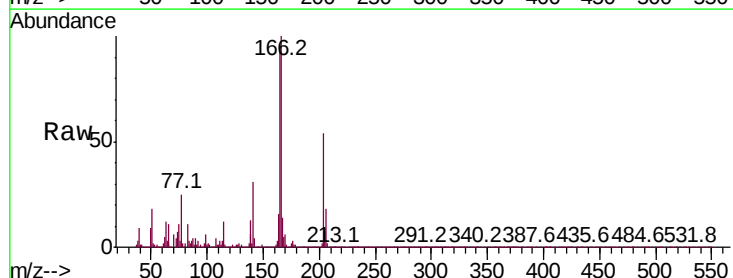
Instrument :
BNA_P
ClientSampleId :
PB129638BS

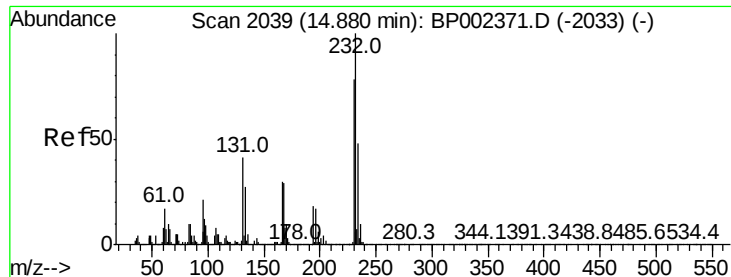
Tot Ion:	165	Resp:	291184
Ion	Ratio	Lower	Upper
165	100		
63	46.3	34.2	51.2
89	77.0	59.3	88.9
182	2.8	2.3	3.5



#58
Fluorene
Concen: 41.398 ng
RT: 15.29 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BP002461.D
Acq: 19 Jun 2020 16:35

Tgt Ion:	166	Resp:	927250
Ion	Ratio	Lower	Upper
166	100		
165	96.4	79.1	118.7
167	13.6	11.0	16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.095 ng

RT: 14.87 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

Instrument :

BNA_P

ClientSampleId :

PB129638BS

Tot Ion:232 Resp: 260763

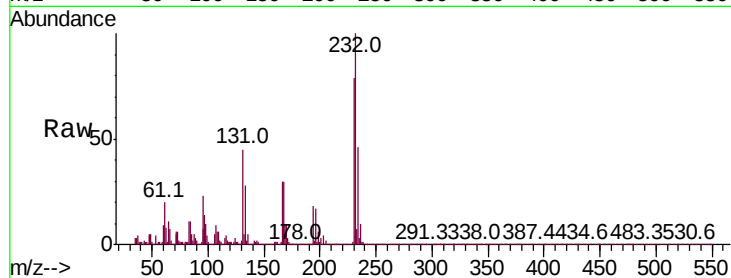
Ion Ratio Lower Upper

232 100

131 44.7 35.1 52.7

130 2.4 1.8 2.8

166 30.6 24.4 36.6

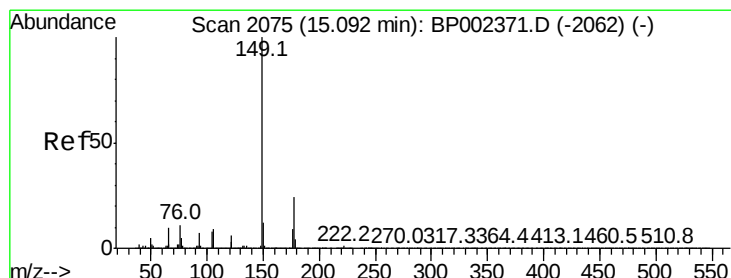
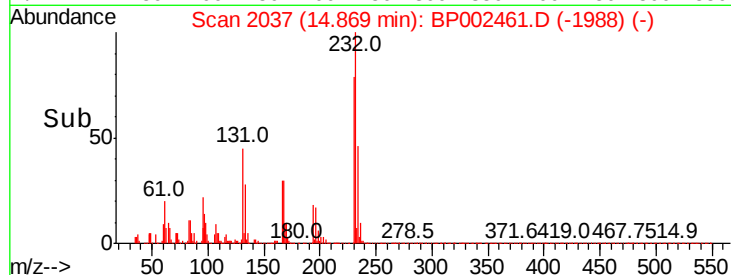
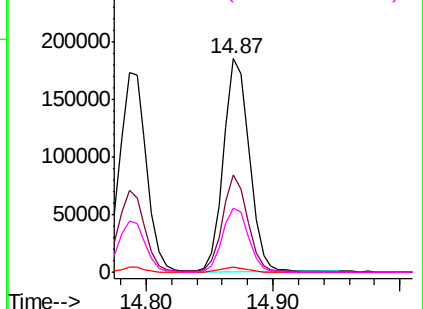


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 40.508 ng

RT: 15.08 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

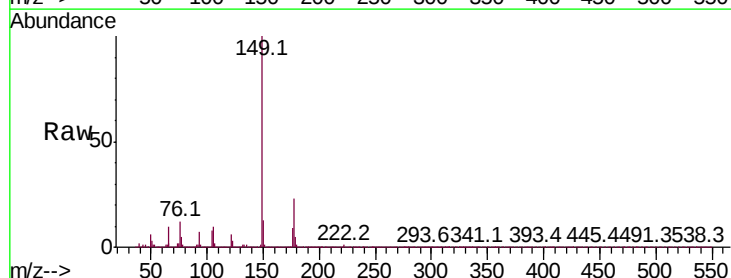
Tgt Ion:149 Resp: 981345

Ion Ratio Lower Upper

149 100

177 23.0 18.9 28.3

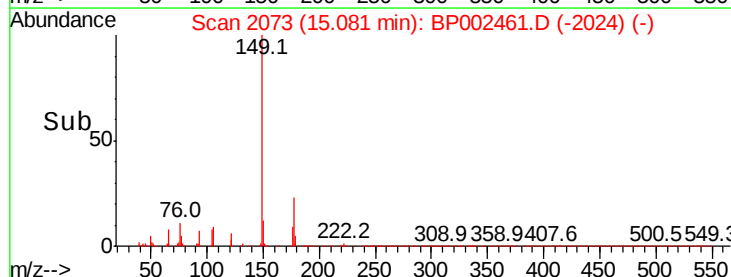
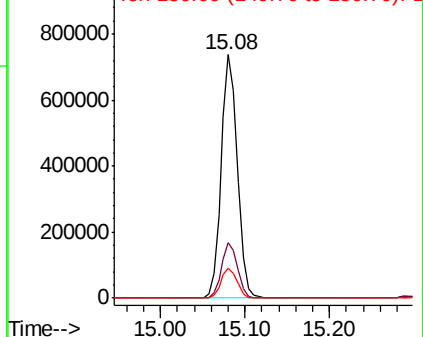
150 12.5 9.9 14.9

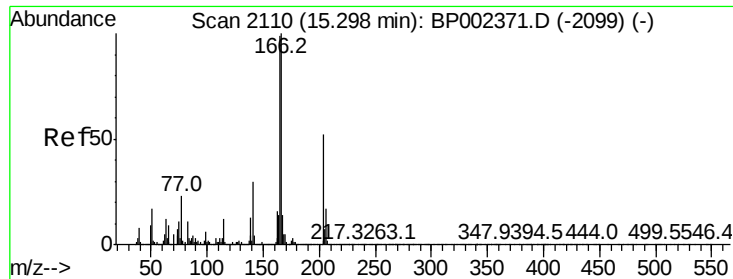


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

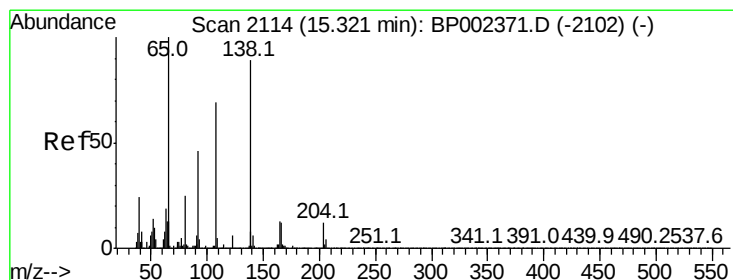
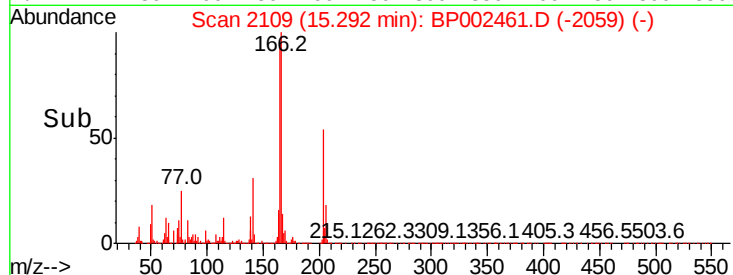
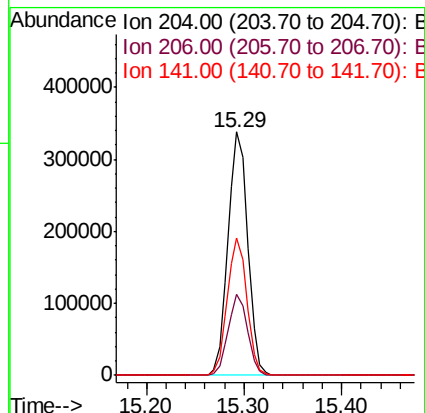
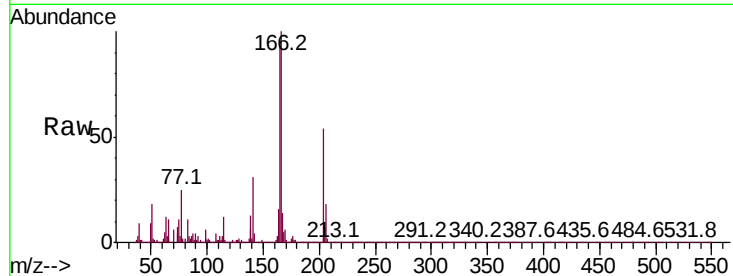




#61
4-Chlorophenyl-phenylether
Concen: 43.141 ng
RT: 15.29 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BP002461.D
Acq: 19 Jun 2020 16:35

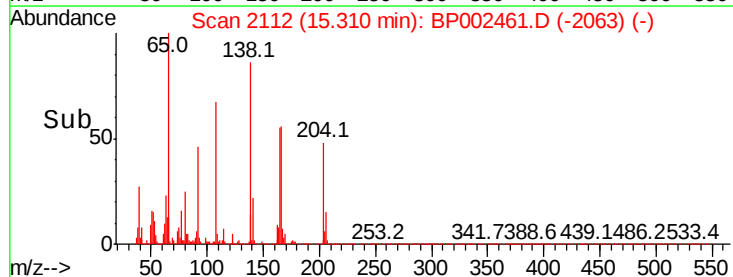
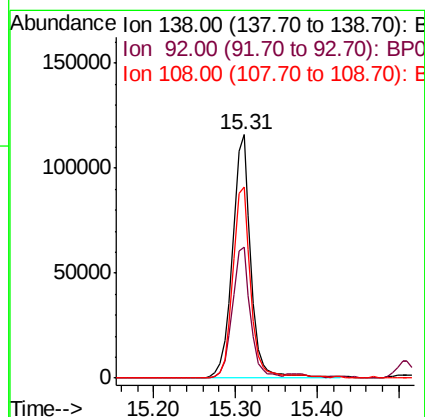
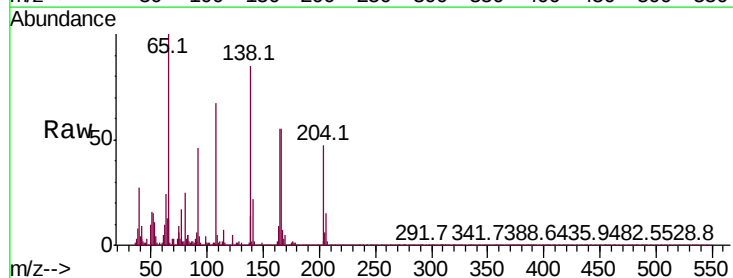
Instrument :
BNA_P
ClientSampleId :
PB129638BS

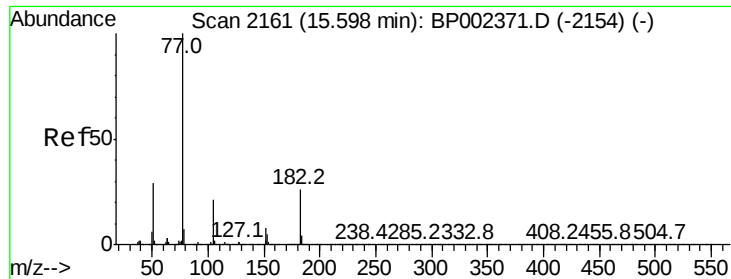
Tot Ion:204 Resp: 474214
Ion Ratio Lower Upper
204 100
206 33.1 26.8 40.2
141 56.6 46.6 69.8



#62
4-Nitroaniline
Concen: 31.346 ng
RT: 15.31 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BP002461.D
Acq: 19 Jun 2020 16:35

Tgt Ion:138 Resp: 180578
Ion Ratio Lower Upper
138 100
92 53.7 31.7 71.7
108 78.8 57.5 97.5



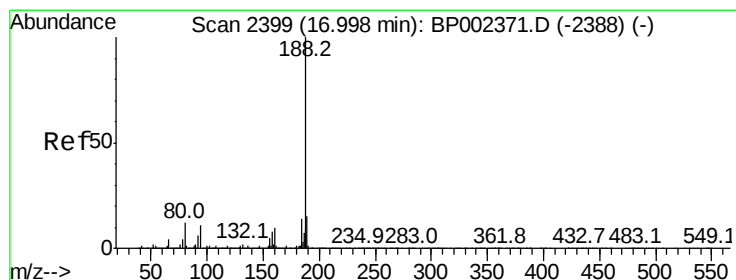
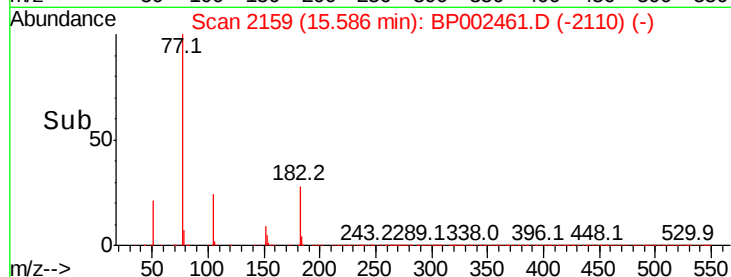
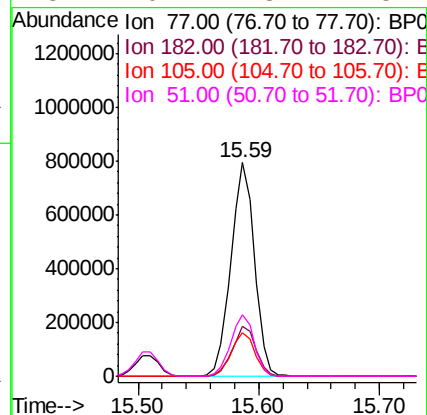
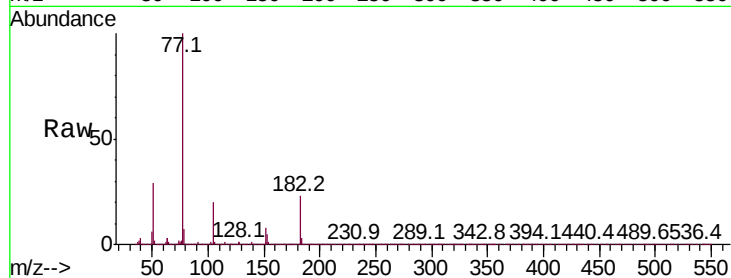


#63
Azobenzene
Concen: 44.503 ng
RT: 15.59 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BP002461.D
Acq: 19 Jun 2020 16:35

Instrument :
BNA_P
ClientSampleId :
PB129638BS

Tot Ion: 77 Resp: 1073158

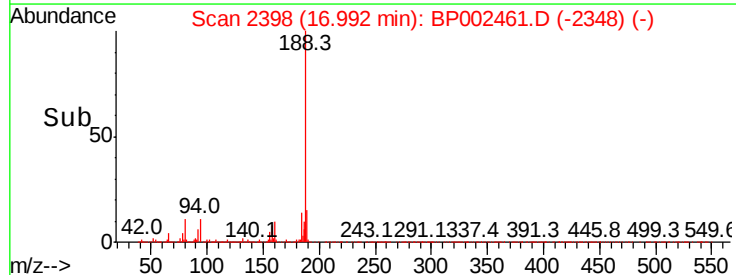
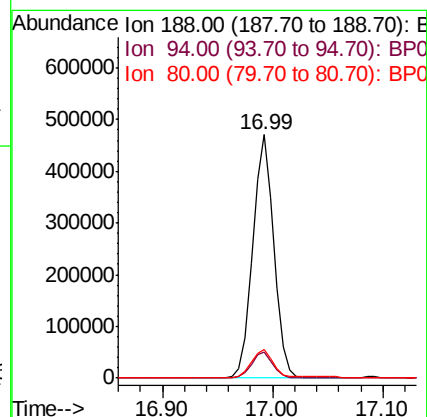
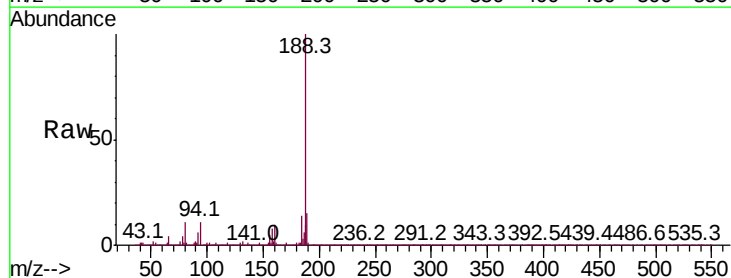
Ion	Ratio	Lower	Upper
77	100		
182	23.3	6.0	46.0
105	20.3	1.3	41.3
51	29.1	8.7	48.7

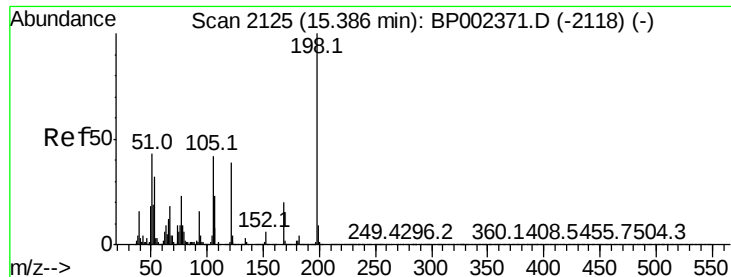


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BP002461.D
Acq: 19 Jun 2020 16:35

Tgt Ion: 188 Resp: 630502

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.5	9.4	14.0





#65

4,6-Dinitro-2-methylphenol

Concen: 33.791 ng

RT: 15.37 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

Instrument :

BNA_P

ClientSampleId :

PB129638BS

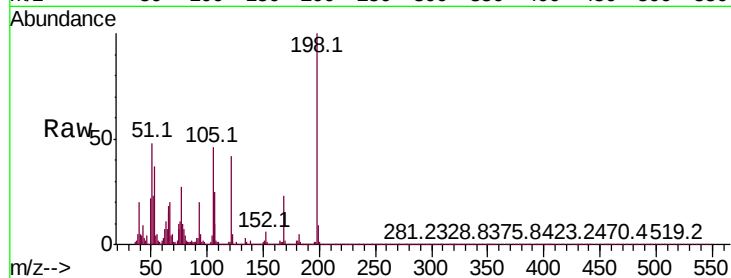
Tot Ion:198 Resp: 112426

Ion Ratio Lower Upper

198 100

51 48.2 23.4 63.4

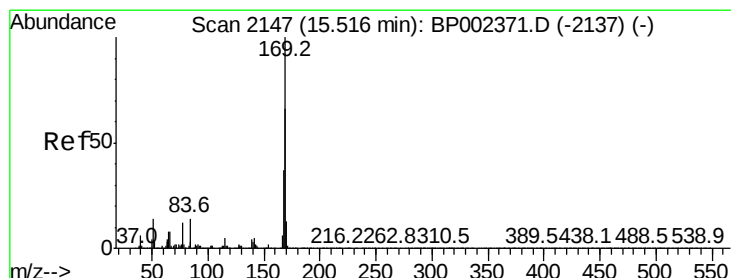
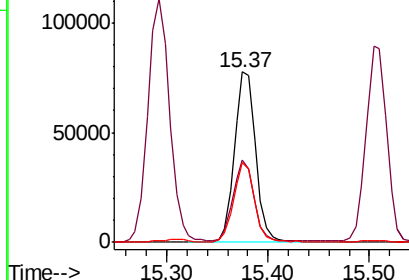
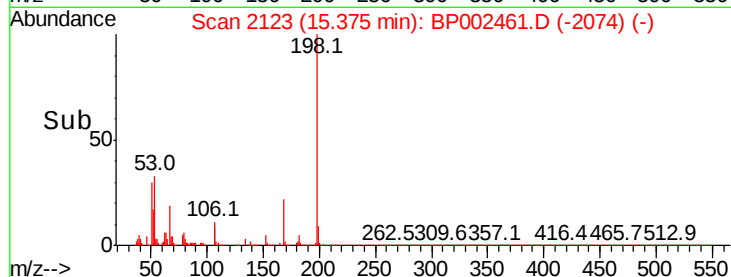
105 46.5 22.5 62.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 52.332 ng

RT: 15.51 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

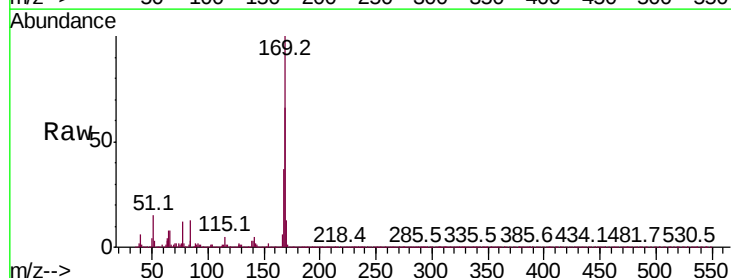
Tgt Ion:169 Resp: 842880

Ion Ratio Lower Upper

169 100

168 65.7 52.8 79.2

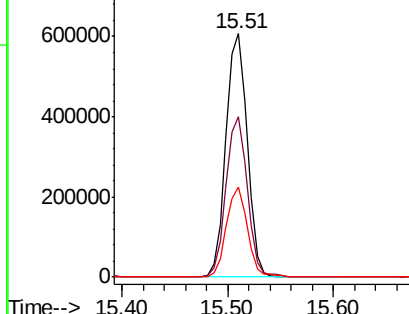
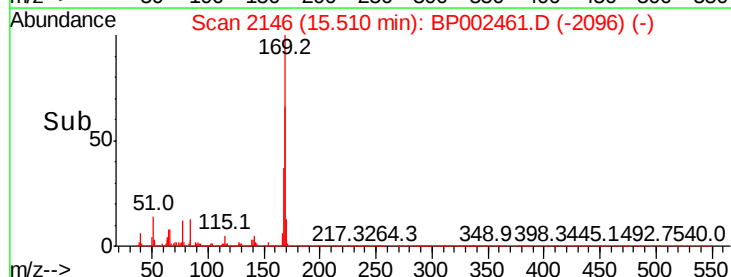
167 37.0 29.4 44.0

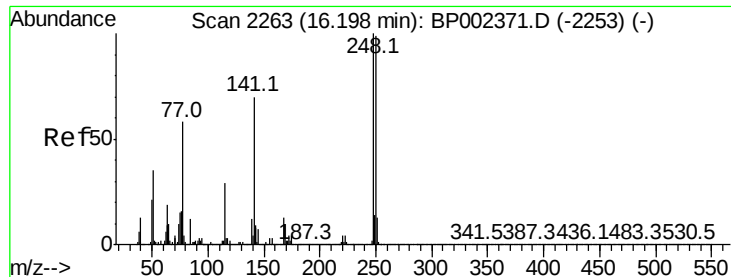


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

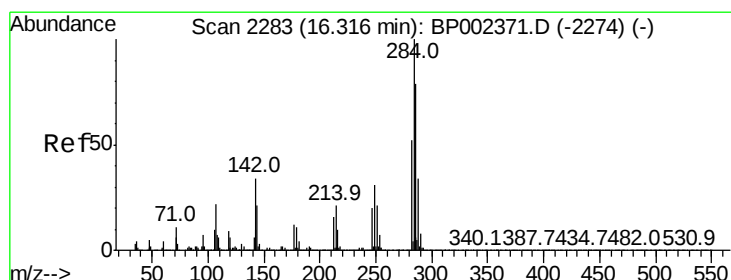
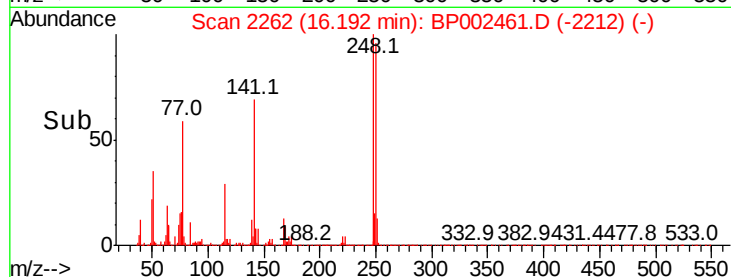
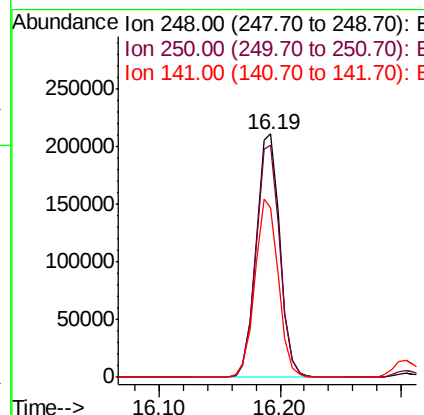
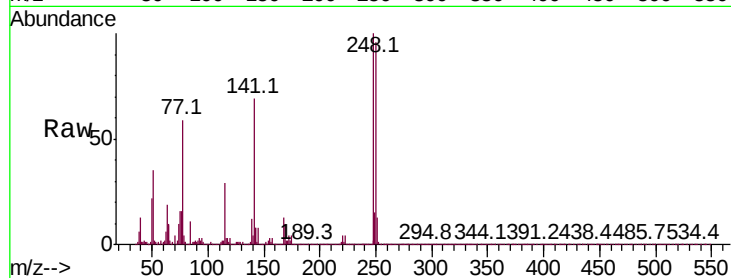




#67
4-Bromophenyl-phenylether
Concen: 48.145 ng
RT: 16.19 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BP002461.D
Acq: 19 Jun 2020 16:35

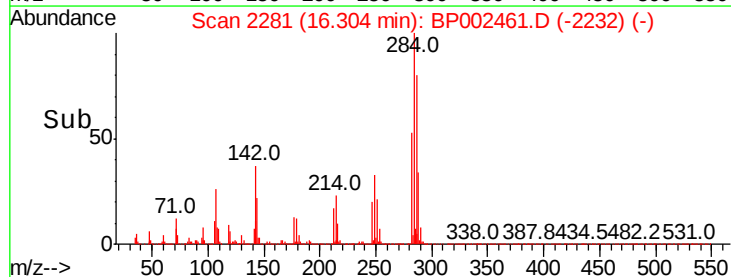
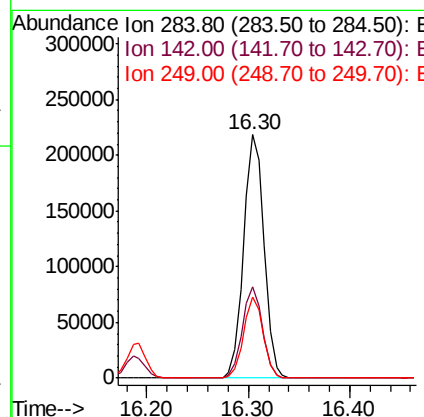
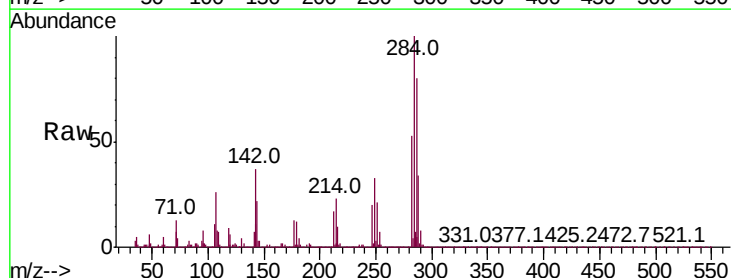
Instrument :
BNA_P
ClientSampleId :
PB129638BS

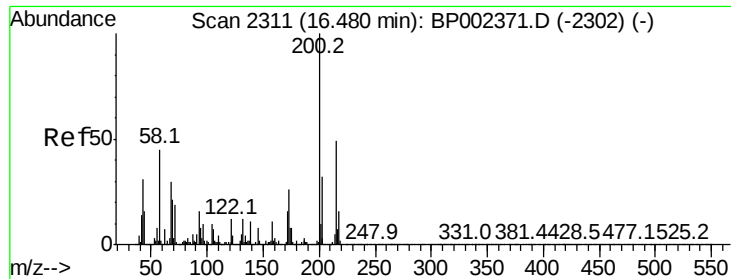
Tot Ion:248 Resp: 287559
Ion Ratio Lower Upper
248 100
250 95.5 79.3 118.9
141 69.4 55.7 83.5



#68
Hexachlorobenzene
Concen: 48.068 ng
RT: 16.30 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BP002461.D
Acq: 19 Jun 2020 16:35

Tgt Ion:284 Resp: 304654
Ion Ratio Lower Upper
284 100
142 37.5 27.4 41.0
249 33.2 24.9 37.3

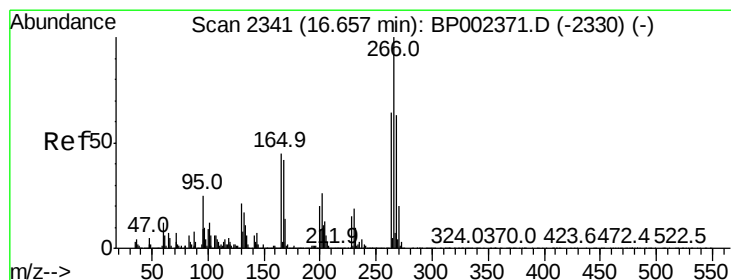
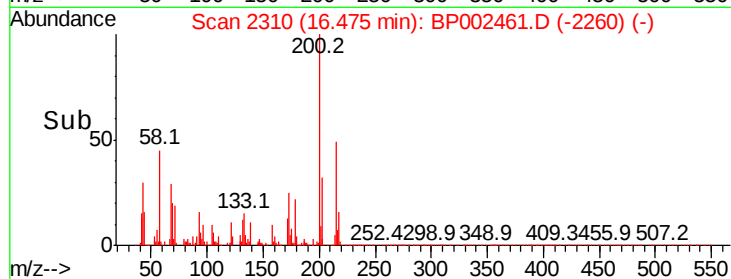
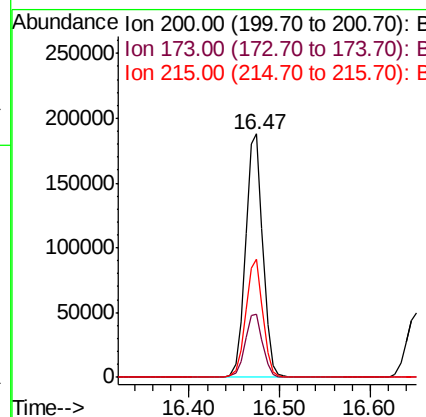
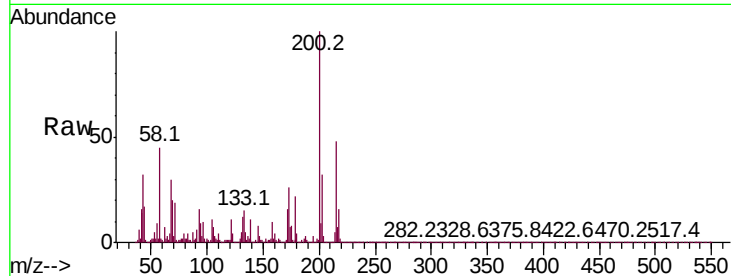




#69
Atrazine
Concen: 47.338 ng
RT: 16.47 min Scan# 2310
Delta R.T. -0.01 min
Lab File: BP002461.D
Acq: 19 Jun 2020 16:35

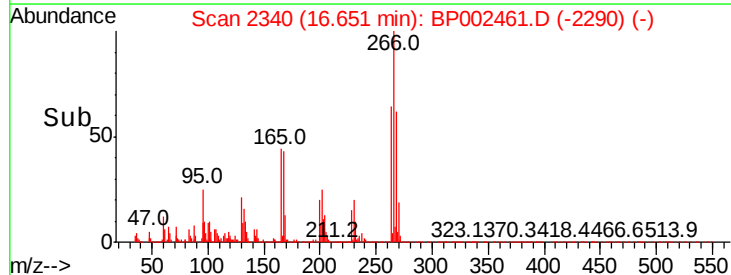
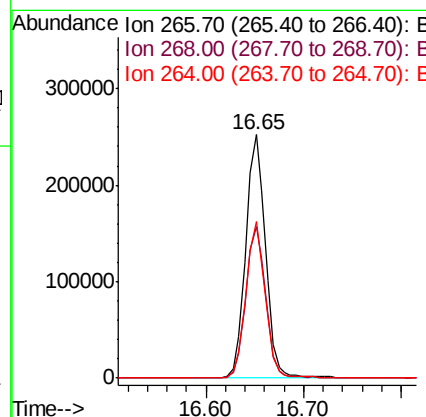
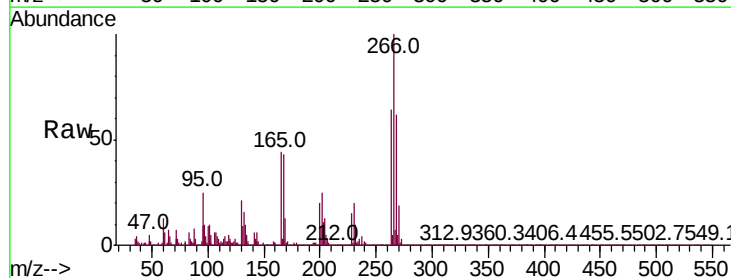
Instrument :
BNA_P
ClientSampleId :
PB129638BS

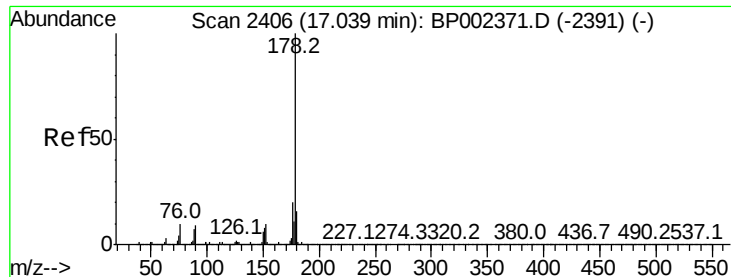
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	6.4	46.4
215	48.5	29.3	69.3



#70
Pentachlorophenol
Concen: 93.389 ng
RT: 16.65 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BP002461.D
Acq: 19 Jun 2020 16:35

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.0	50.5	75.7
264	64.2	51.4	77.0





#71

Phenanthrene

Concen: 46.884 ng

RT: 17.03 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

Instrument :

BNA_P

ClientSampleId :

PB129638BS

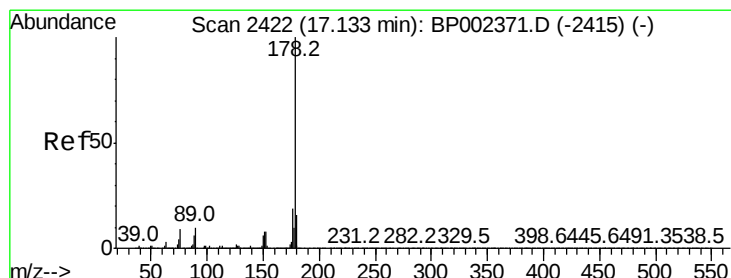
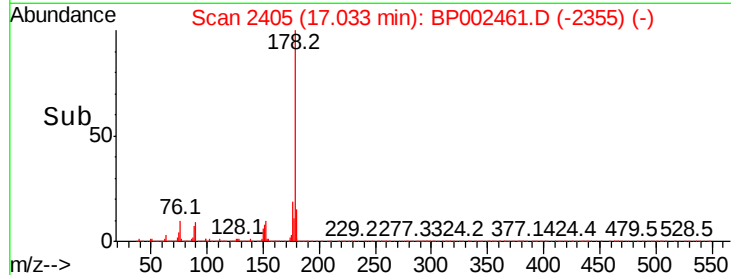
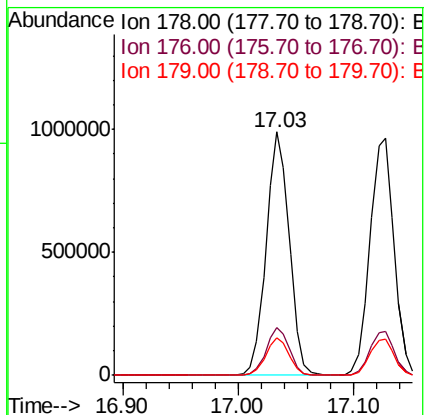
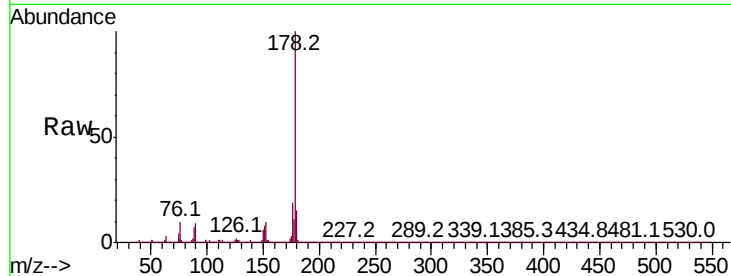
Tot Ion:178 Resp: 1382768

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.6

179 15.4 12.5 18.7



#72

Anthracene

Concen: 48.088 ng

RT: 17.13 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

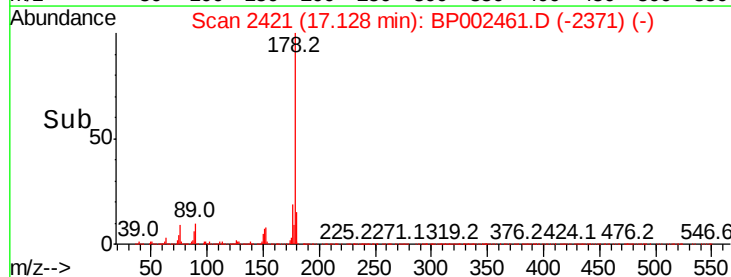
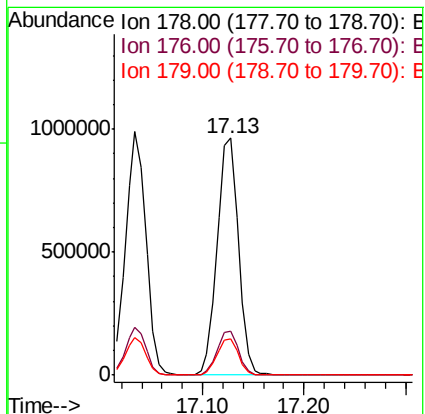
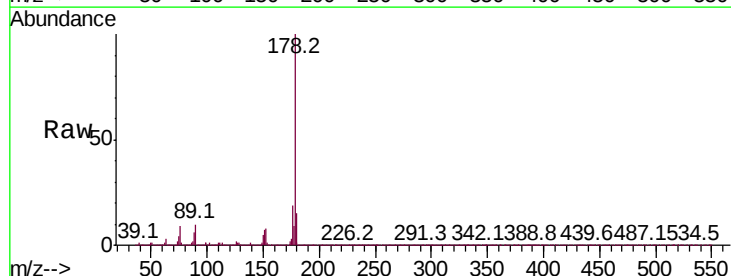
Tgt Ion:178 Resp: 1408940

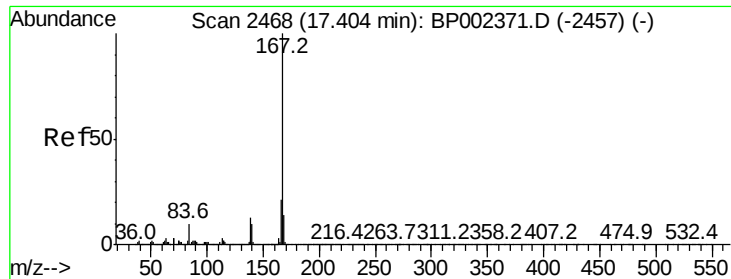
Ion Ratio Lower Upper

178 100

176 18.7 15.5 23.3

179 15.1 13.0 19.4

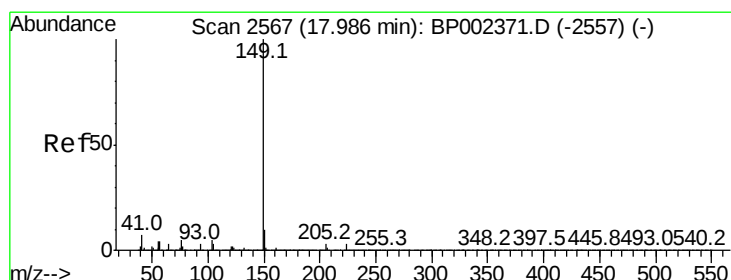
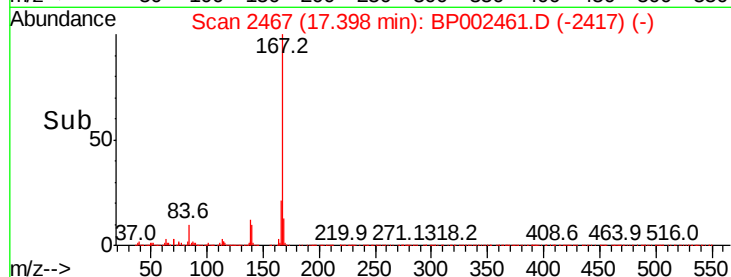
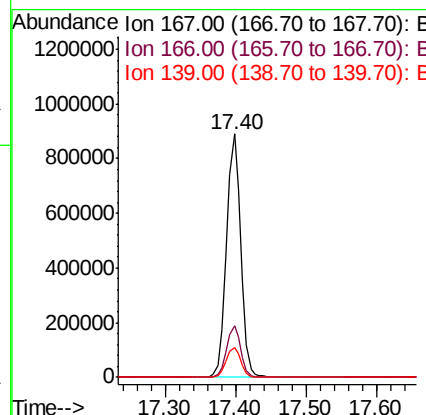
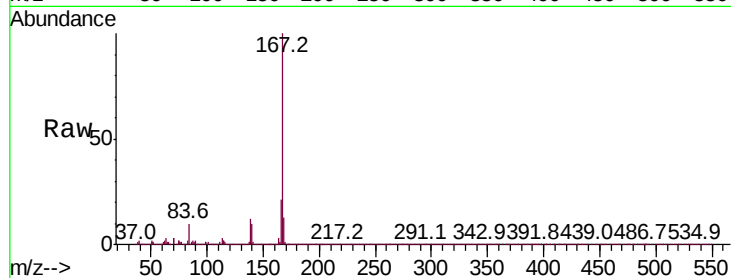




#73
 Carbazole
 Concen: 43.315 ng
 RT: 17.40 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BP002461.D
 Acq: 19 Jun 2020 16:35

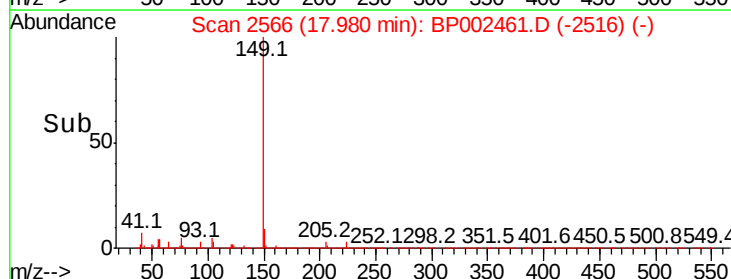
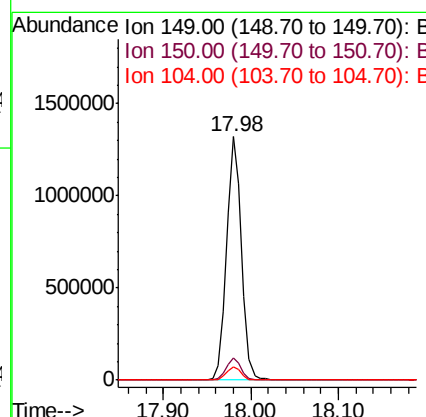
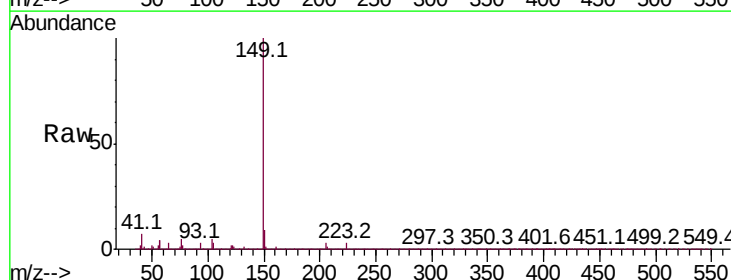
Instrument :
 BNA_P
 ClientSampleId :
 PB129638BS

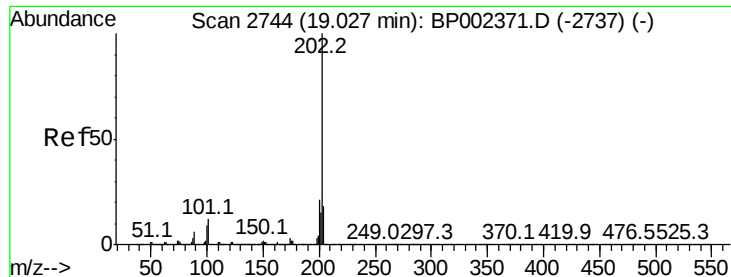
Tot Ion:167 Resp: 1248443
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.1 25.7
 139 12.2 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 45.360 ng
 RT: 17.98 min Scan# 2566
 Delta R.T. -0.01 min
 Lab File: BP002461.D
 Acq: 19 Jun 2020 16:35

Tgt Ion:149 Resp: 1547196
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 5.3 4.3 6.5





#75

Fluoranthene

Concen: 42.933 ng

RT: 19.02 min Scan# 2742

Delta R.T. -0.01 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

Instrument :

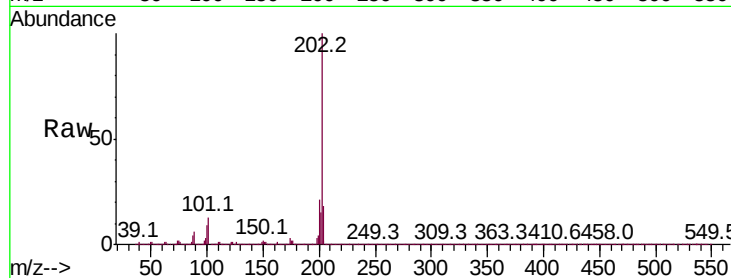
BNA_P

ClientSampleId :

PB129638BS

Tot Ion:202 Resp: 1511471

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	31.8
203	17.9	0.0	38.0

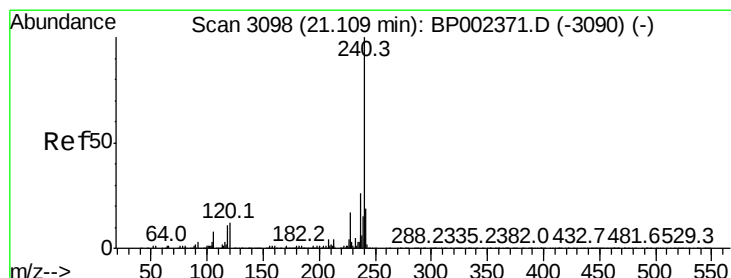
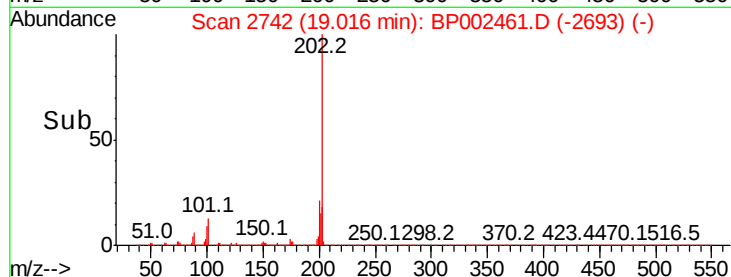
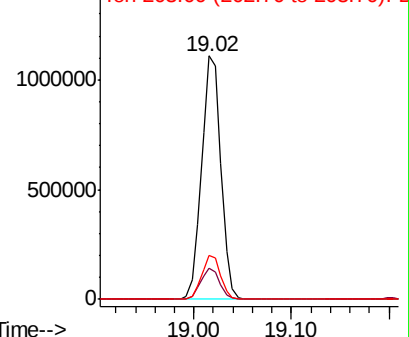


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.10 min Scan# 3096

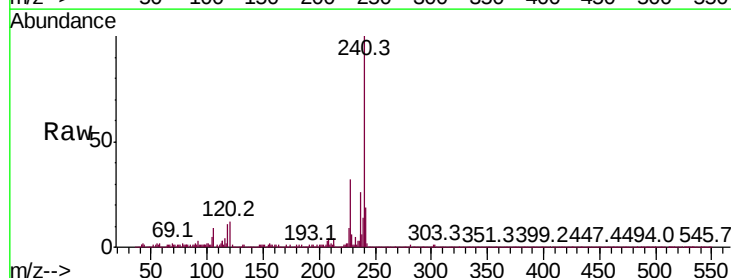
Delta R.T. -0.01 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

Tgt Ion:240 Resp: 559514

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.3	13.9
236	25.8	21.0	31.6

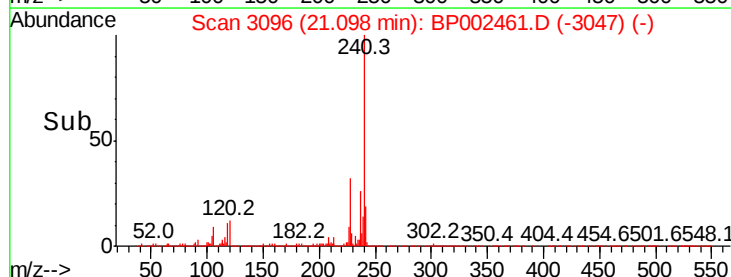
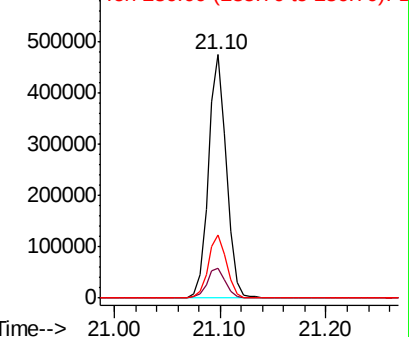


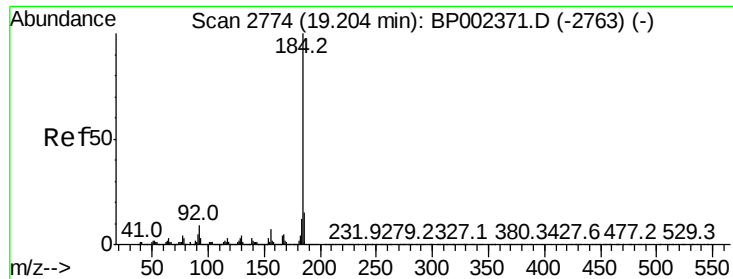
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 73.796 ng

RT: 19.20 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

Instrument :

BNA_P

ClientSampleId :

PB129638BS

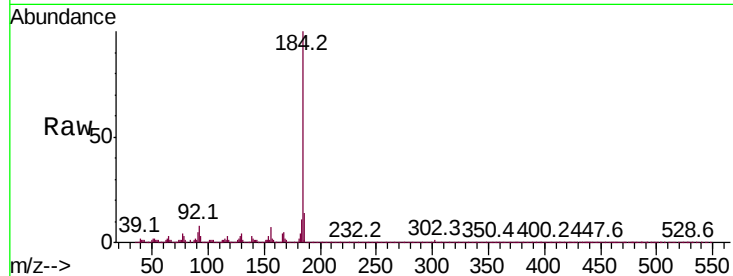
Tot Ion:184 Resp: 922622

Ion Ratio Lower Upper

184 100

185 14.0 11.8 17.8

183 11.3 9.2 13.8



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

19.20

800000

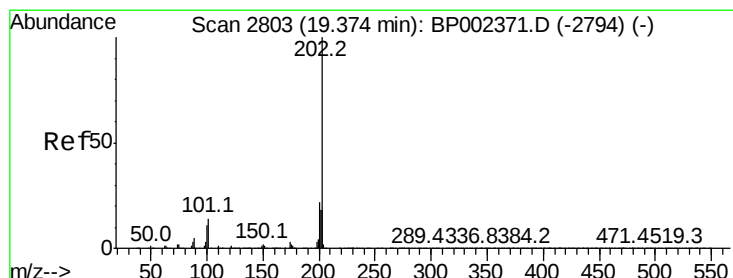
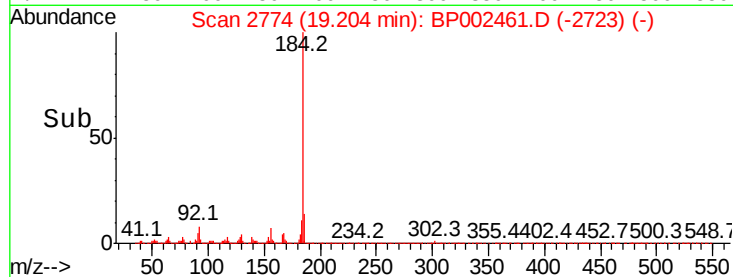
600000

400000

200000

0

Time--> 19.10 19.20 19.30 19.40



#78

Pyrene

Concen: 44.221 ng

RT: 19.37 min Scan# 2802

Delta R.T. -0.01 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

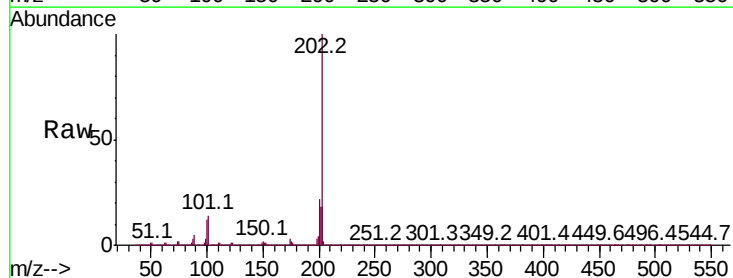
Tgt Ion:202 Resp: 1515536

Ion Ratio Lower Upper

202 100

200 21.6 17.7 26.5

203 17.8 14.6 22.0



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

19.37

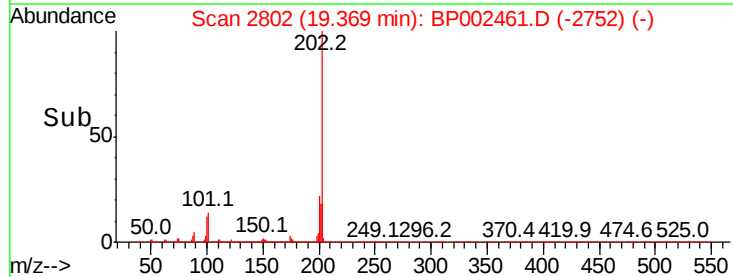
1500000

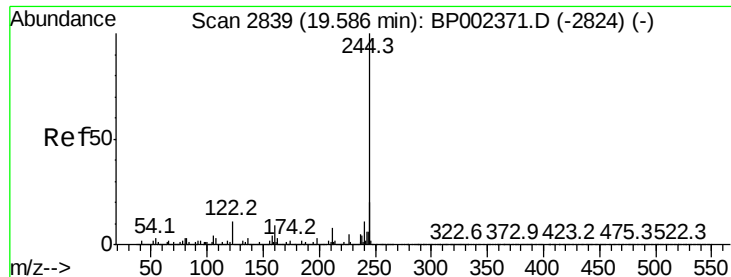
1000000

500000

0

Time--> 19.30 19.40





#79

Terphenyl-d14

Concen: 99.096 ng

RT: 19.58 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

Instrument :

BNA_P

ClientSampleId :

PB129638BS

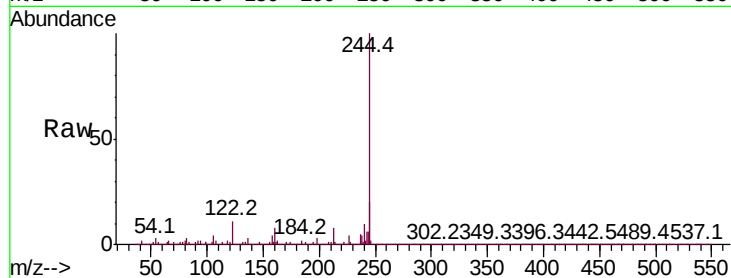
Tot Ion:244 Resp: 2056910

Ion Ratio Lower Upper

244 100

212 7.7 6.6 10.0

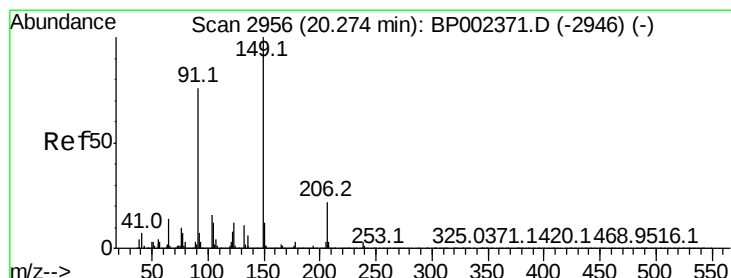
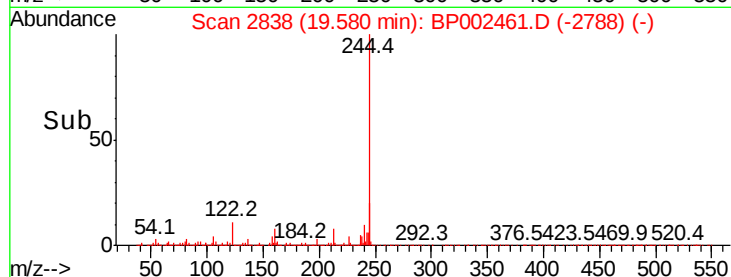
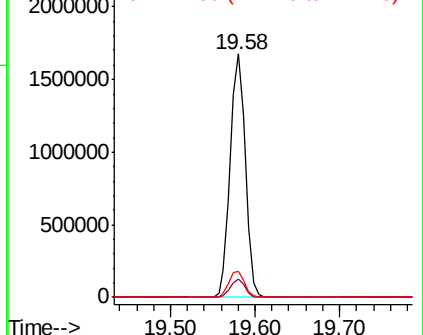
122 10.7 8.8 13.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.069 ng

RT: 20.26 min Scan# 2954

Delta R.T. -0.01 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

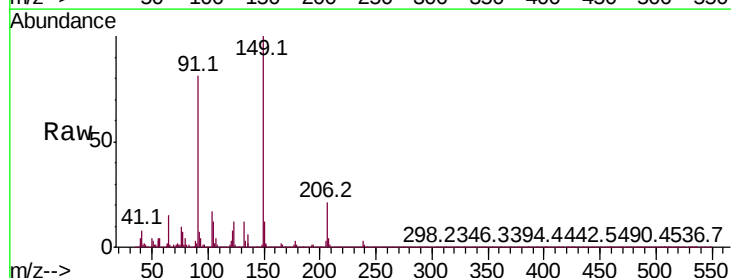
Tgt Ion:149 Resp: 625690

Ion Ratio Lower Upper

149 100

91 80.8 61.2 91.8

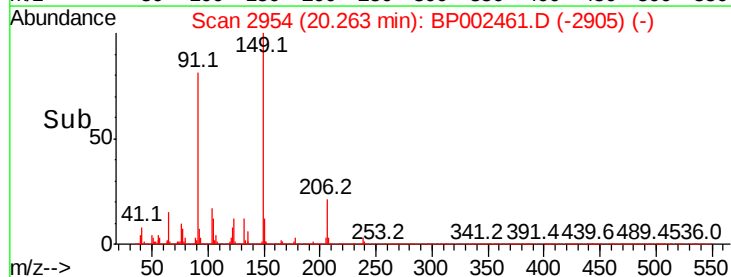
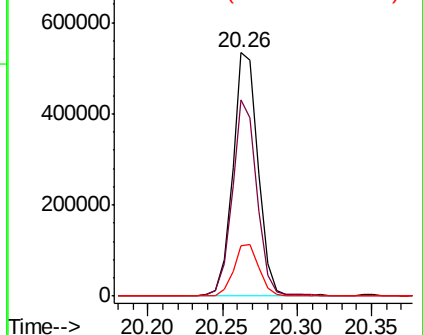
206 20.7 17.8 26.6

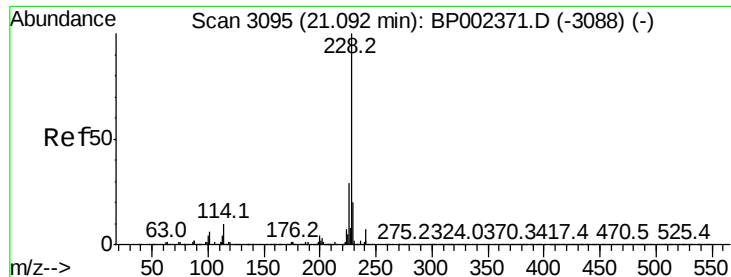


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.405 ng

RT: 21.08 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

Instrument :

BNA_P

ClientSampleId :

PB129638BS

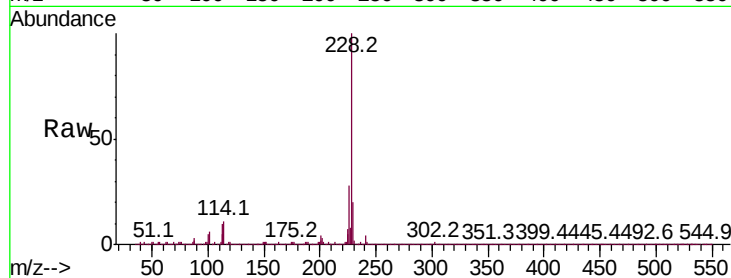
Tot Ion:228 Resp: 1482036

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.8	34.2
229	19.9	16.2	24.2

228 100

226 27.6 22.8 34.2

229 19.9 16.2 24.2

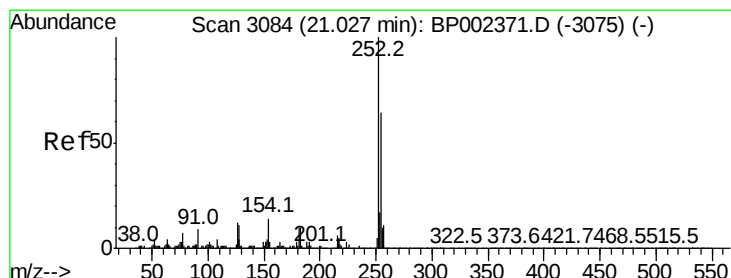
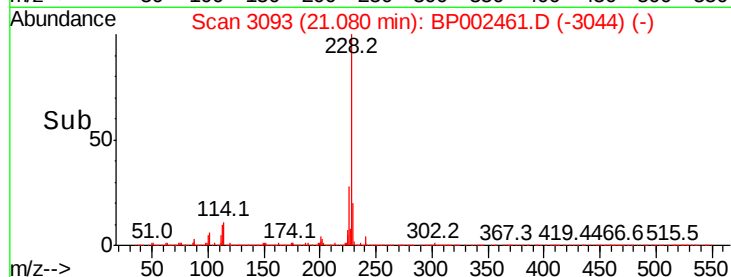
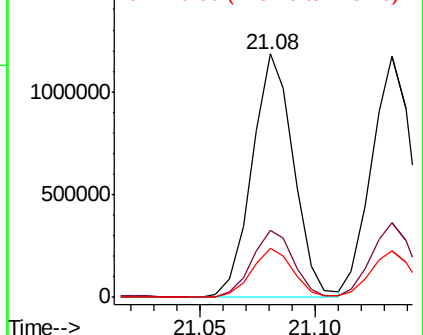


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 46.438 ng

RT: 21.02 min Scan# 3083

Delta R.T. -0.01 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

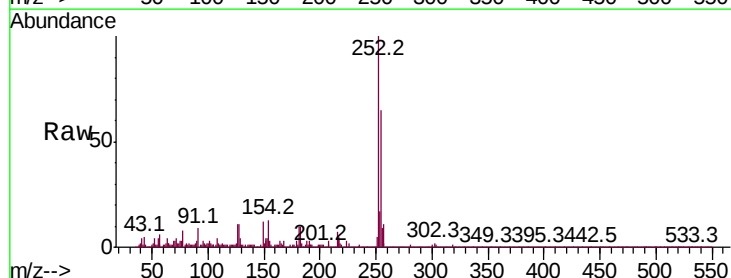
Tgt Ion:252 Resp: 551170

Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.4	77.2
126	11.2	9.2	13.8

252 100

254 65.2 51.4 77.2

126 11.2 9.2 13.8

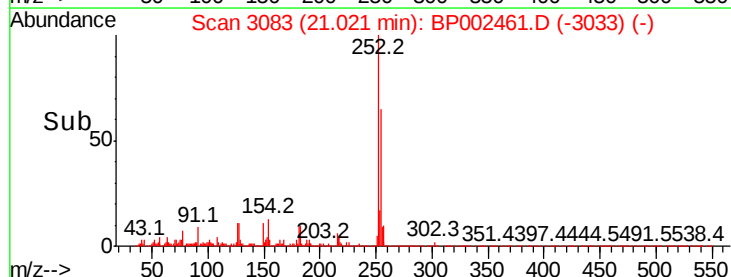
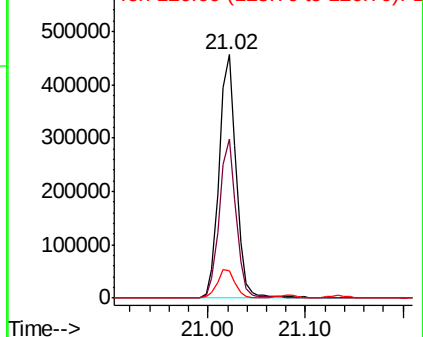


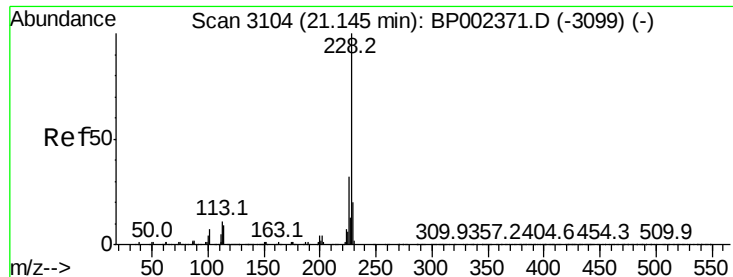
Abundance

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: 47.603 ng

RT: 21.13 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

Instrument :

BNA_P

ClientSampleId :

PB129638BS

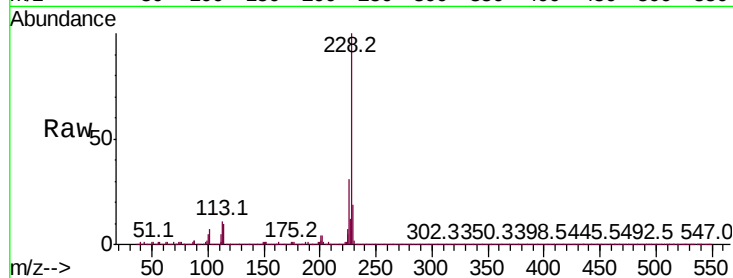
Tot Ion:228 Resp: 1440376

Ion Ratio Lower Upper

228 100

226 30.7 25.2 37.8

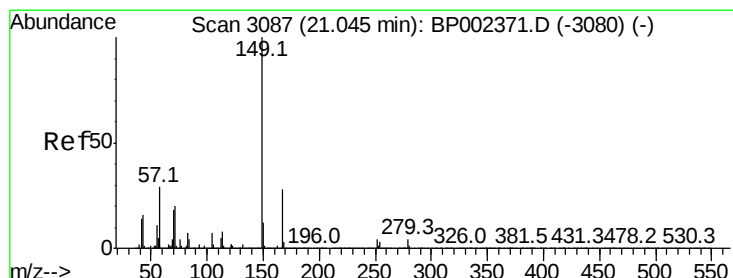
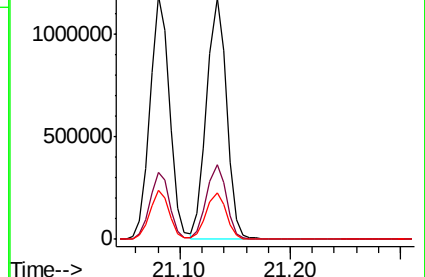
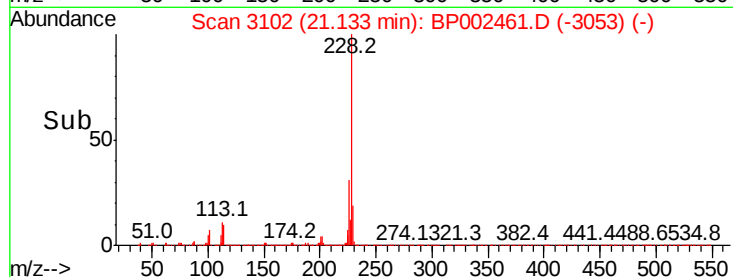
229 19.1 16.1 24.1



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: 40.681 ng

RT: 21.04 min Scan# 3086

Delta R.T. -0.01 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

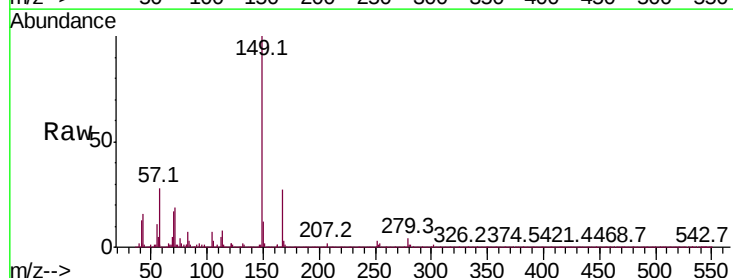
Tgt Ion:149 Resp: 901545

Ion Ratio Lower Upper

149 100

167 27.1 22.3 33.5

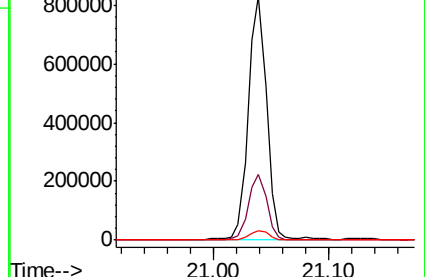
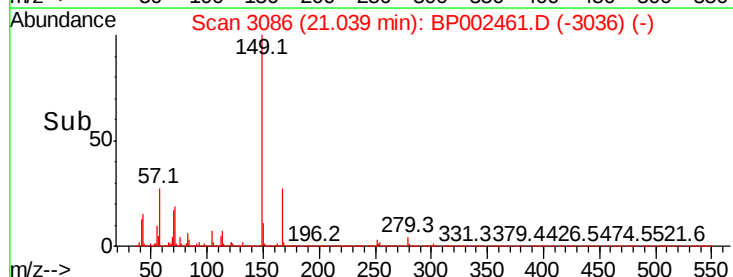
279 4.1 3.2 4.8

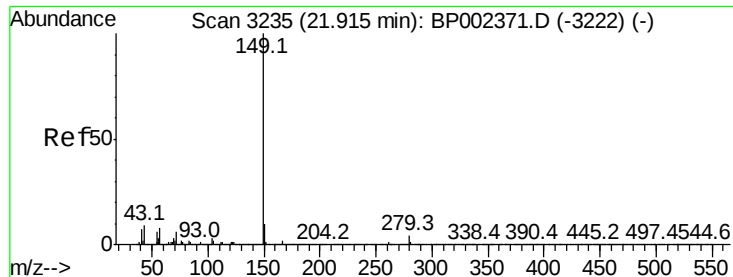


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.951 ng

RT: 21.90 min Scan# 3233

Delta R.T. -0.01 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

Instrument :

BNA_P

ClientSampleId :

PB129638BS

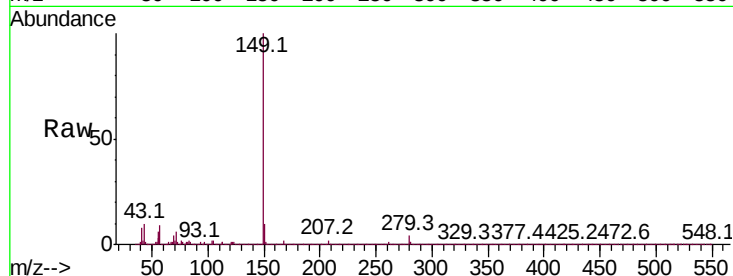
Tot Ion:149 Resp: 1669486

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

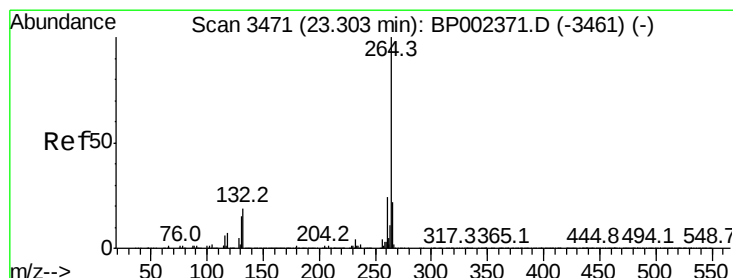
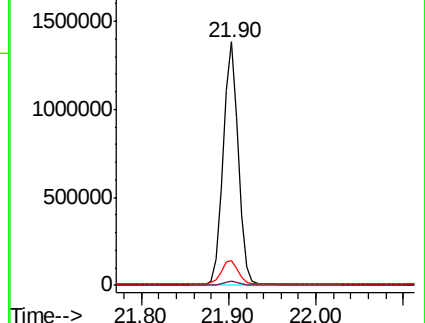
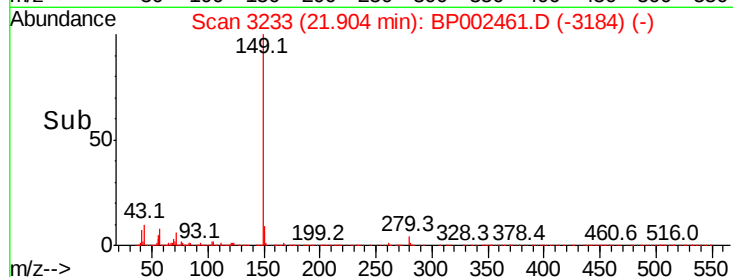
43 9.9 7.8 11.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.29 min Scan# 3469

Delta R.T. -0.01 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

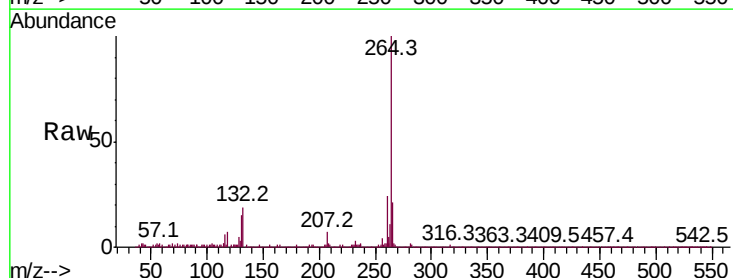
Tgt Ion:264 Resp: 714449

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.0

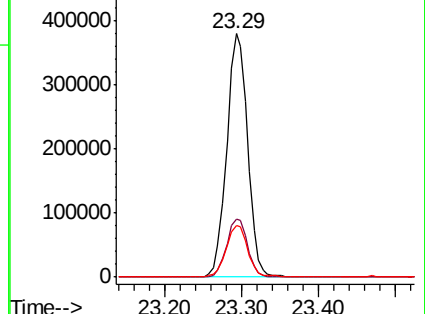
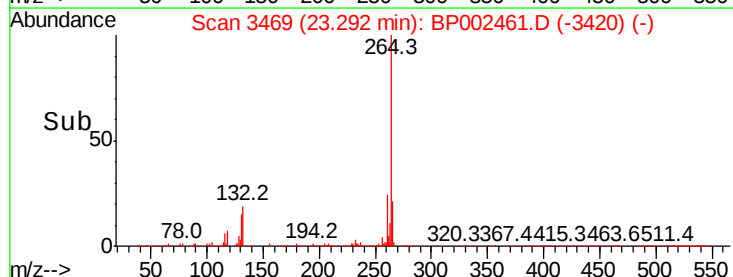
265 21.2 17.4 26.2

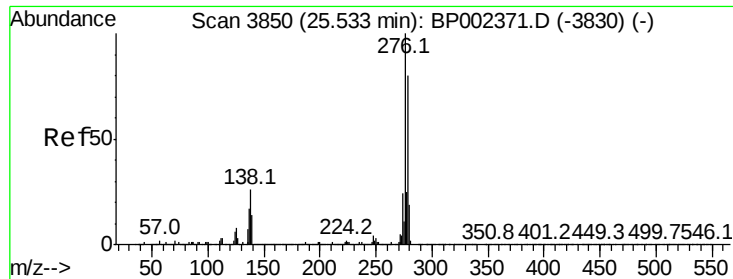


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



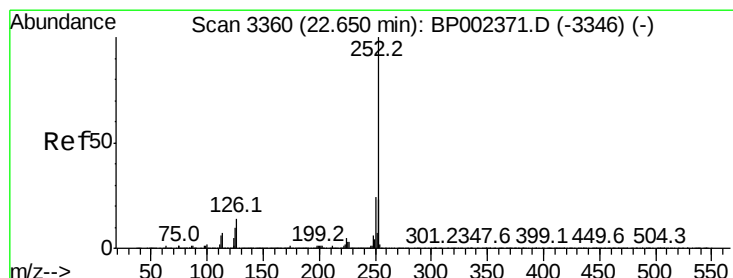
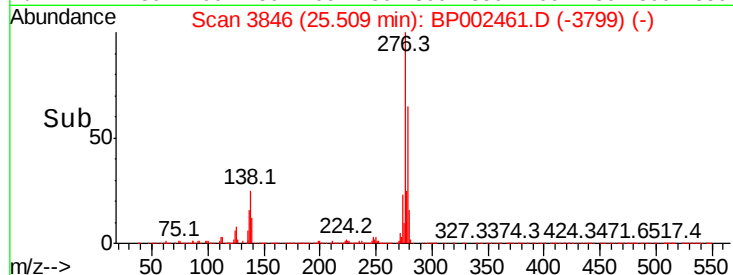
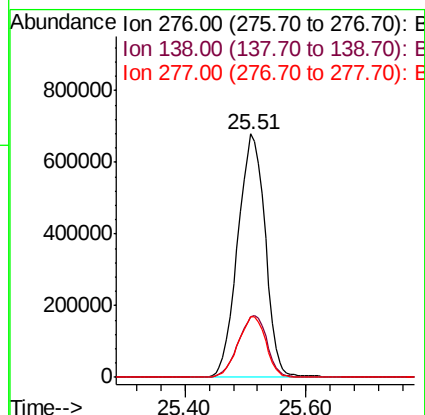
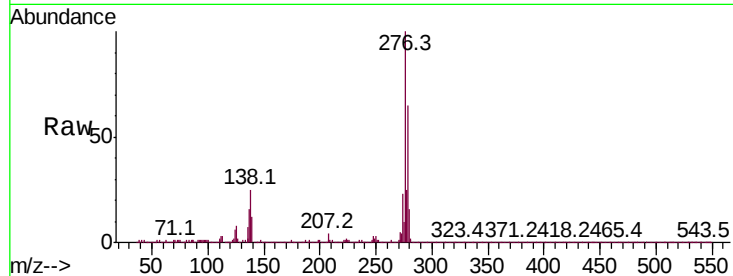


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.035 ng
 RT: 25.51 min Scan# 3846
 Delta R.T. -0.02 min
 Lab File: BP002461.D
 Acq: 19 Jun 2020 16:35

Instrument :
 BNA_P
 ClientSampleId :
 PB129638BS

Tot Ion:276 Resp: 2146531

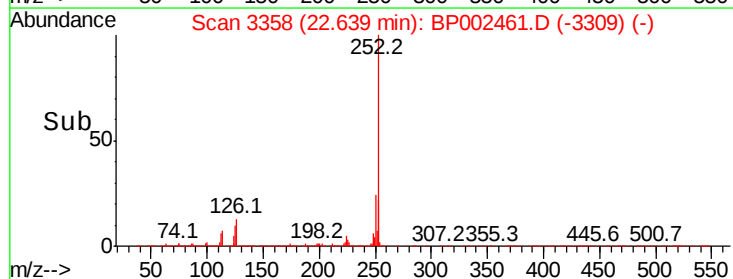
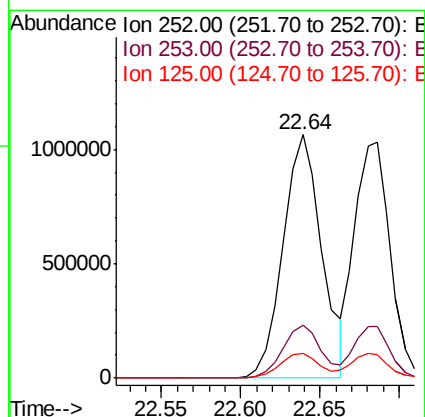
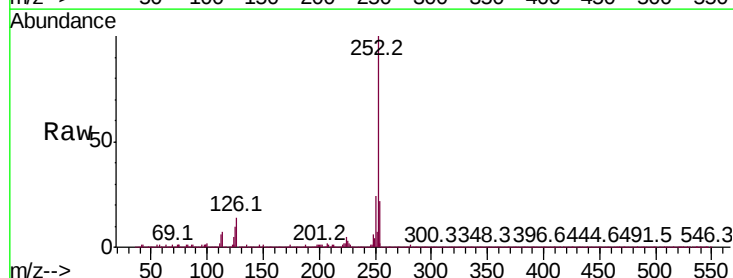
Ion	Ratio	Lower	Upper
276	100		
138	26.3	21.2	31.8
277	25.2	20.3	30.5

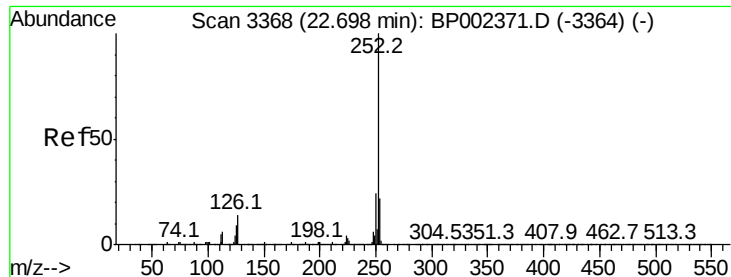


#88
 Benzo(b)fluoranthene
 Concen: 46.555 ng
 RT: 22.64 min Scan# 3358
 Delta R.T. -0.01 min
 Lab File: BP002461.D
 Acq: 19 Jun 2020 16:35

Tgt Ion:252 Resp: 1793685

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	10.4	8.2	12.2





#89

Benzo(k)fluoranthene

Concen: 44.329 ng

RT: 22.69 min Scan# 3366

Delta R.T. -0.01 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

Instrument :

BNA_P

ClientSampleId :

PB129638BS

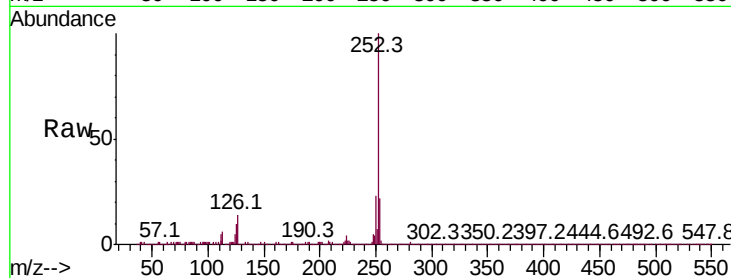
Tot Ion:252 Resp: 1622777

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

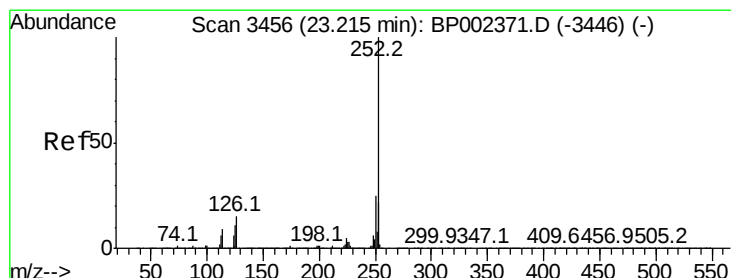
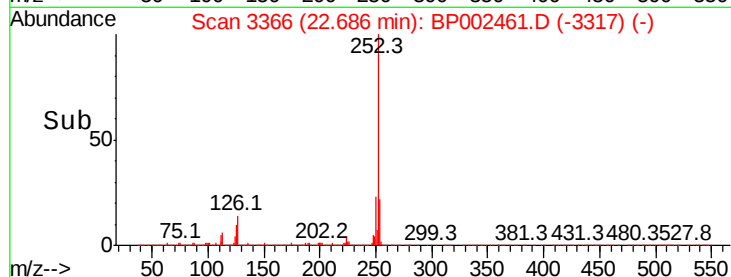
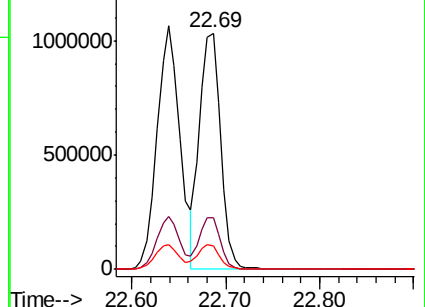
125 9.7 7.8 11.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 45.161 ng

RT: 23.20 min Scan# 3453

Delta R.T. -0.02 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

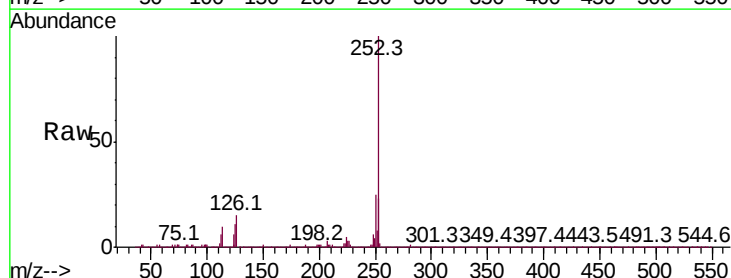
Tgt Ion:252 Resp: 1630571

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

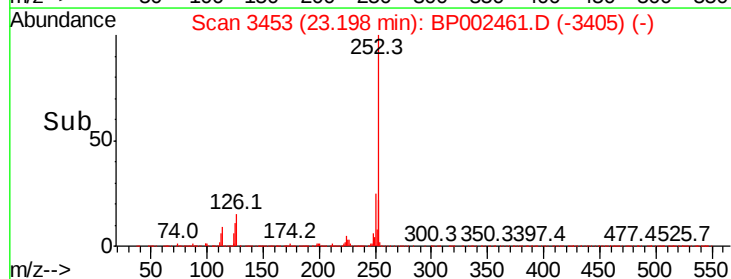
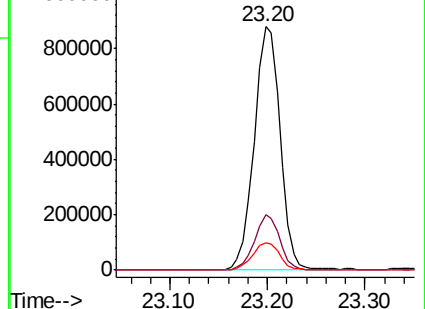
125 11.2 9.2 13.8

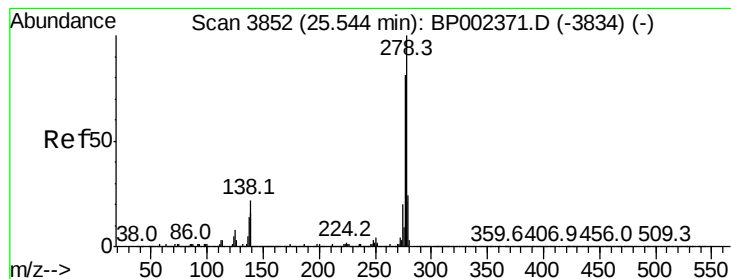


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 48.796 ng

RT: 25.53 min Scan# 3849

Delta R.T. -0.02 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

Instrument :

BNA_P

ClientSampleId :

PB129638BS

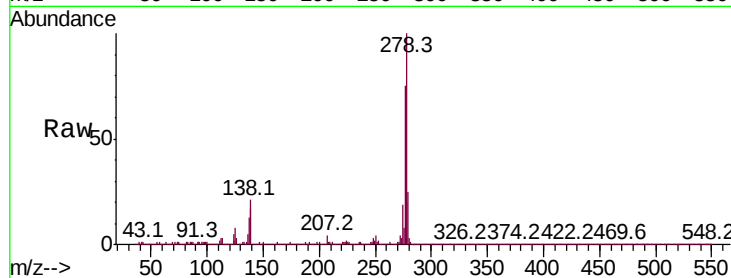
Tot Ion:278 Resp: 1749108

Ion Ratio Lower Upper

278 100

139 16.7 13.1 19.7

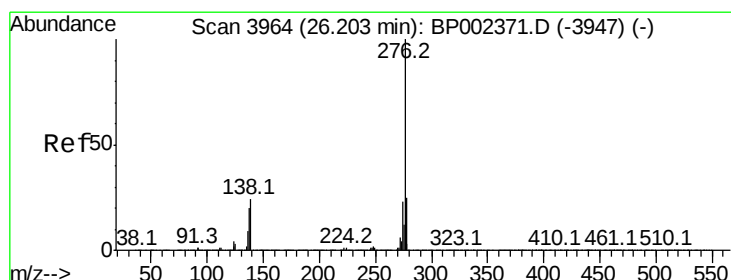
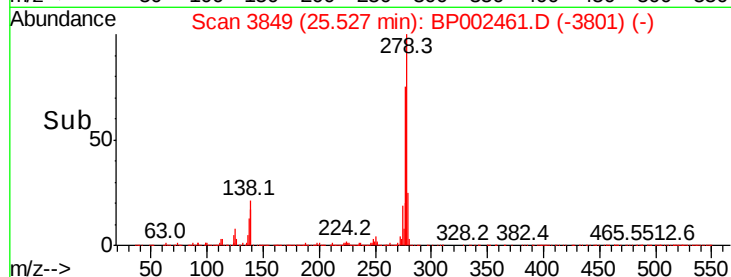
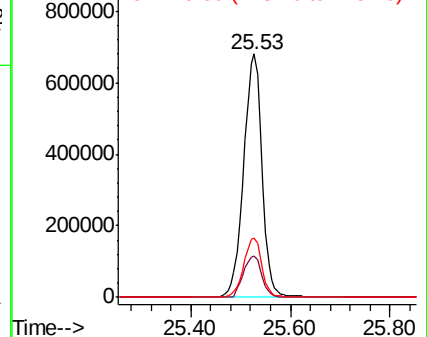
279 24.6 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 48.419 ng

RT: 26.19 min Scan# 3961

Delta R.T. -0.02 min

Lab File: BP002461.D

Acq: 19 Jun 2020 16:35

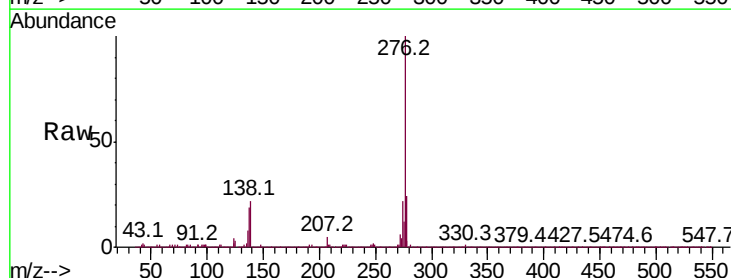
Tgt Ion:276 Resp: 1797545

Ion Ratio Lower Upper

276 100

277 23.7 19.8 29.6

138 22.4 19.2 28.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

