

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081720\
 Data File : BP002999.D
 Acq On : 17 Aug 2020 13:05
 Operator : CG/JU
 Sample : PB130950BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB130950BS

Quant Time: Aug 17 14:16:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	337220	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1241904	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	828385	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1497212	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1540572	20.00	ng	0.00
86) Perylene-d12	23.42	264	1524418	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	2077704	94.30	ng	0.00
7) Phenol-d6	6.86	99	2412980	78.88	ng	0.00
23) Nitrobenzene-d5	8.83	82	1234804	53.85	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	935691	90.88	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	3426732	56.52	ng	0.00
79) Terphenyl-d14	19.66	244	4330502	56.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	228388	24.147	ng	99
3) Pyridine	3.62	79	584034	22.164	ng	100
4) n-Nitrosodimethylamine	3.53	42	199993	25.837	ng	97
6) Aniline	7.01	93	968111	27.278	ng	99
8) 2-Chlorophenol	7.25	128	929023	39.545	ng	99
9) Benzaldehyde	6.82	77	440052	27.018	ng	99
10) Phenol	6.89	94	956981	31.062	ng	99
11) bis(2-Chloroethyl)ether	7.12	93	733096	30.937	ng	100
12) 1,3-Dichlorobenzene	7.58	146	928339	35.011	ng	100
13) 1,4-Dichlorobenzene	7.72	146	965289	36.016	ng	99
14) 1,2-Dichlorobenzene	8.03	146	829280	32.446	ng	99
15) Benzyl Alcohol	7.92	79	564494	27.968	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.22	45	548753	24.649	ng	99
17) 2-Methylphenol	8.13	107	616825	31.332	ng	99
18) Hexachloroethane	8.76	117	287335	30.737	ng	99
19) n-Nitroso-di-n-propylamine	8.49	70	415703	23.585	ng	99
20) 3+4-Methylphenols	8.46	107	827695	31.195	ng	98
22) Acetophenone	8.50	105	1030123	29.399	ng	# 98
24) Nitrobenzene	8.87	77	656572	26.376	ng	98
25) Isophorone	9.40	82	1256882	25.515	ng	99
26) 2-Nitrophenol	9.58	139	397674	39.189	ng	98
27) 2,4-Dimethylphenol	9.65	122	715159	36.456	ng	99
28) bis(2-Chloroethoxy)methane	9.89	93	857240	31.192	ng	99
29) 2,4-Dichlorophenol	10.12	162	733264	35.516	ng	99
30) 1,2,4-Trichlorobenzene	10.33	180	769355	31.877	ng	99
31) Naphthalene	10.52	128	2377771	33.446	ng	99
32) Benzoic acid	9.79	122	404962	37.166	ng	96
33) 4-Chloroaniline	10.62	127	592332	20.105	ng	99
34) Hexachlorobutadiene	10.82	225	430570	29.153	ng	99
35) Caprolactam	11.38	113	231577	36.251	ng	97
36) 4-Chloro-3-methylphenol	11.76	107	703596	32.784	ng	98
37) 2-Methylnaphthalene	12.13	142	1716176	33.937	ng	99
38) 1-Methylnaphthalene	12.36	142	1624749	34.131	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.51	216	789750	26.516	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	1044636	67.611	ng	98
43) 2,4,6-Trichlorophenol	12.75	196	547522	31.719	ng	99
44) 2,4,5-Trichlorophenol	12.82	196	602505	31.817	ng	99
46) 1,1'-Biphenyl	13.16	154	2132404	31.138	ng	100
47) 2-Chloronaphthalene	13.19	162	1617165	30.157	ng	99
48) 2-Nitroaniline	13.39	65	331591	26.711	ng	98
49) Acenaphthylene	14.05	152	2675064	31.808	ng	99
50) Dimethylphthalate	13.79	163	2041355	31.507	ng	100
51) 2,6-Dinitrotoluene	13.89	165	446673	31.635	ng	97
52) Acenaphthene	14.39	154	1731071	32.025	ng	100
53) 3-Nitroaniline	14.22	138	405395	27.906	ng	99
54) 2,4-Dinitrophenol	14.43	184	461081	75.447	ng	96
55) Dibenzofuran	14.73	168	2783469	33.572	ng	98
56) 4-Nitrophenol	14.55	139	913174	79.483	ng	96
57) 2,4-Dinitrotoluene	14.69	165	667487	35.735	ng	97
58) Fluorene	15.38	166	2132402	32.849	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	568623	35.989	ng	99
60) Diethylphthalate	15.16	149	2292019	36.203	ng	99
61) 4-Chlorophenyl-phenylether	15.38	204	1051671	31.478	ng	99
62) 4-Nitroaniline	15.39	138	538730	36.445	ng	98
63) Azobenzene	15.67	77	1685161	26.440	ng	98
65) 4,6-Dinitro-2-methylphenol	15.46	198	320885	42.121	ng	100
66) n-Nitrosodiphenylamine	15.59	169	1985588	40.043	ng	99
67) 4-Bromophenyl-phenylether	16.27	248	592698	32.539	ng	97
68) Hexachlorobenzene	16.39	284	673331	31.959	ng	99
69) Atrazine	16.55	200	530284	31.565	ng	99
70) Pentachlorophenol	16.73	266	836440	76.560	ng	99
71) Phenanthrene	17.12	178	3039991	34.626	ng	99
72) Anthracene	17.21	178	3091652	36.030	ng	100
73) Carbazole	17.48	167	2878049	34.344	ng	99
74) Di-n-butylphthalate	18.06	149	3520664	39.938	ng	100
75) Fluoranthene	19.10	202	3502585	34.626	ng	99
77) Benzidine	19.27	184	2289692	48.740	ng	100
78) Pyrene	19.45	202	3551642	32.978	ng	99
80) Butylbenzylphthalate	20.34	149	1585546	36.992	ng	99
81) Benzo(a)anthracene	21.16	228	3713231	35.385	ng	100
82) 3,3'-Dichlorobenzidine	21.09	252	993332	23.916	ng	100
83) Chrysene	21.21	228	3504984	35.408	ng	100
84) Bis(2-ethylhexyl)phthalate	21.10	149	2647543	44.419	ng	99
85) Di-n-octyl phthalate	21.98	149	4357557	44.504	ng	100
87) Indeno(1,2,3-cd)pyrene	25.71	276	4502107	36.877	ng	100
88) Benzo(b)fluoranthene	22.75	252	3521116	32.732	ng	99
89) Benzo(k)fluoranthene	22.79	252	3555868	34.972	ng	99
90) Benzo(a)pyrene	23.32	252	3342483	34.387	ng	99
91) Dibenzo(a,h)anthracene	25.73	278	3745554	36.047	ng	100
92) Benzo(g,h,i)perylene	26.41	276	3831957	38.137	ng	99

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

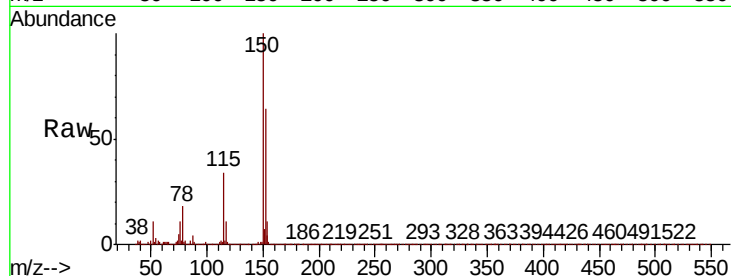


#1

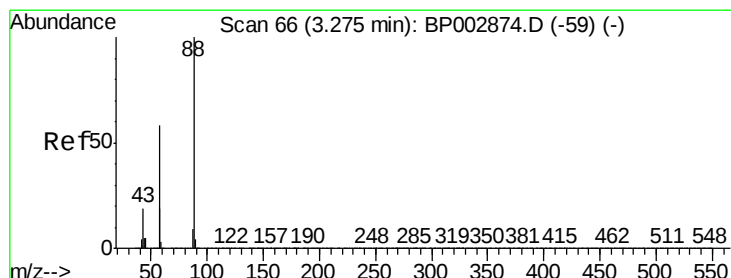
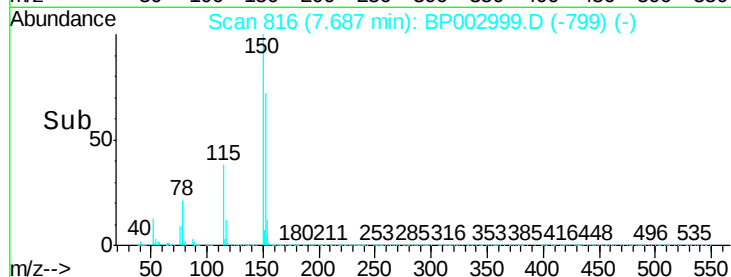
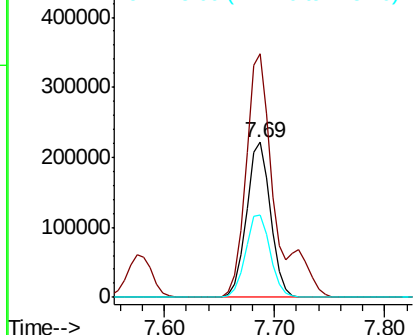
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 816
Delta R.T. -0.00 min
Lab File: BP002999.D
Acq: 17 Aug 2020 13:05

Instrument :
BNA_P
ClientSampleId :
PB130950BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.1	189.1
115	53.1	43.4	65.2



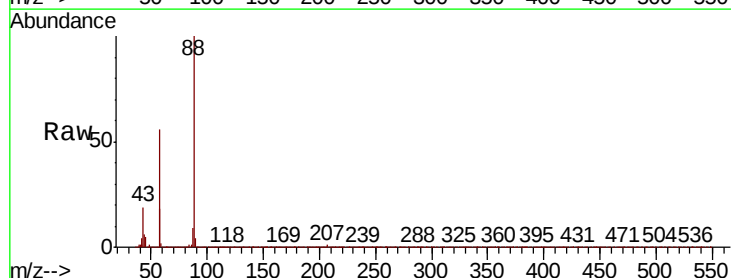
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



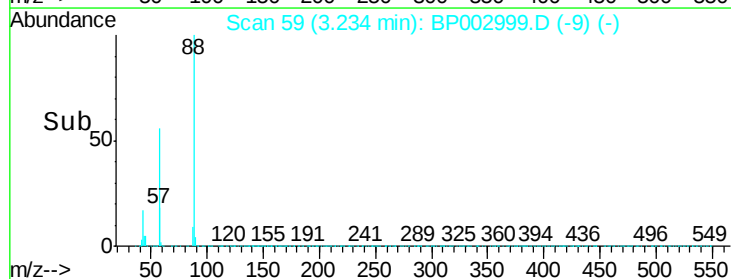
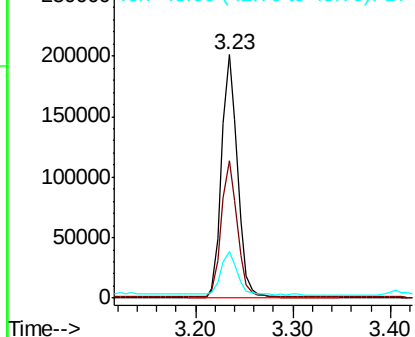
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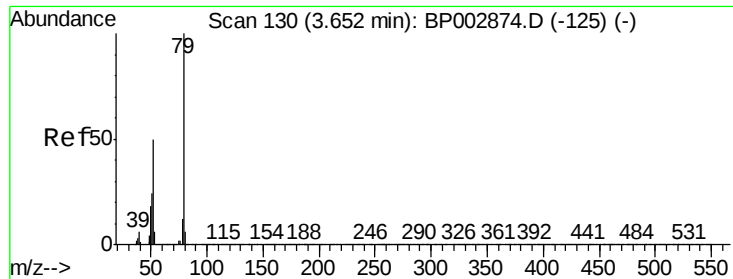
1,4-Dioxane
Concen: 24.147 ng
RT: 3.23 min Scan# 59
Delta R.T. -0.01 min
Lab File: BP002999.D
Acq: 17 Aug 2020 13:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.2	44.5	66.7
43	17.7	14.5	21.7



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: 22.164 ng

RT: 3.62 min Scan# 124

Delta R.T. -0.01 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

Instrument :

BNA_P

ClientSampleId :

PB130950BS

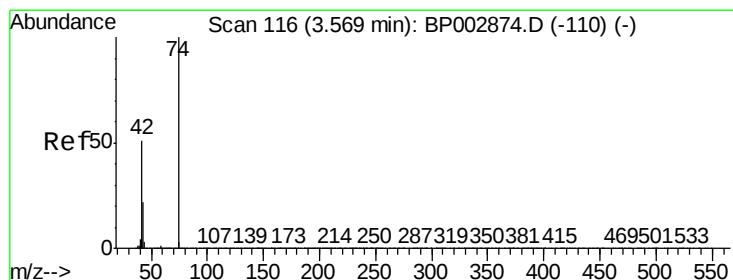
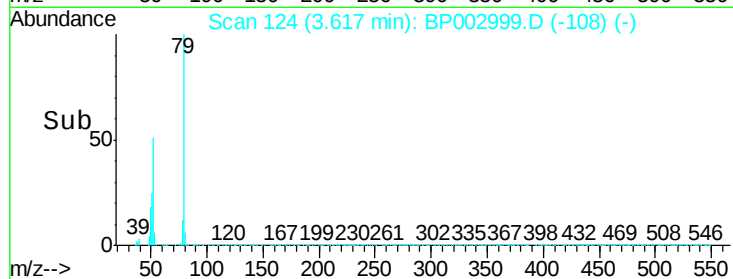
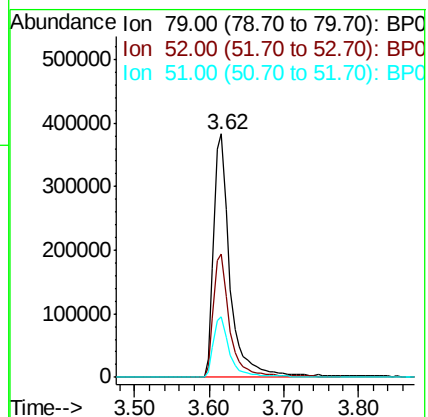
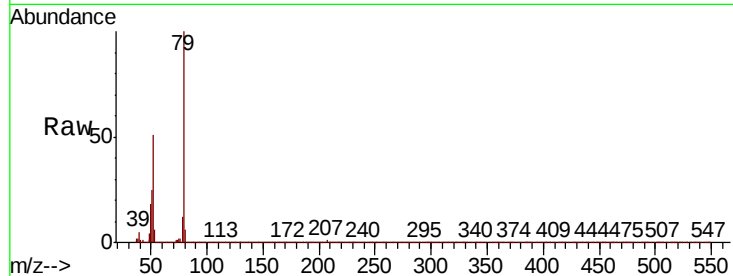
Tot Ion: 79 Resp: 584034

Ion Ratio Lower Upper

79 100

52 50.8 40.5 60.7

51 24.8 19.9 29.9



#4

n-Nitrosodimethylamine

Concen: 25.837 ng

RT: 3.53 min Scan# 109

Delta R.T. -0.01 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

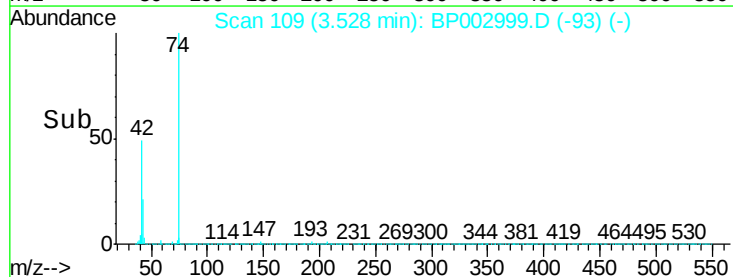
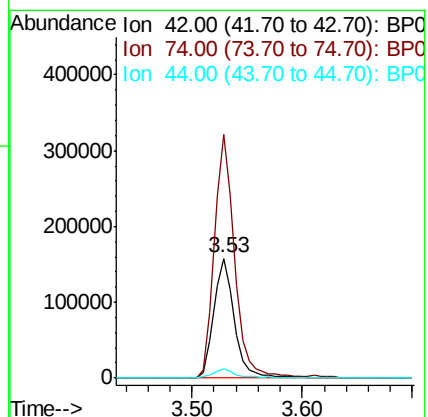
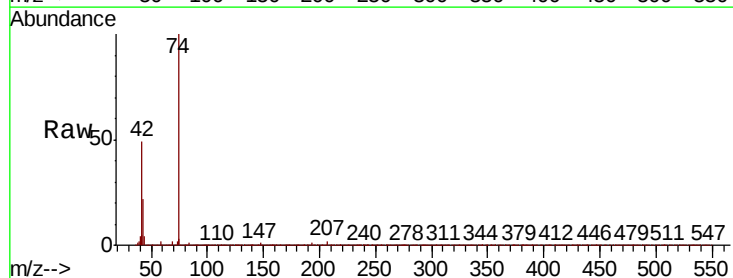
Tgt Ion: 42 Resp: 199993

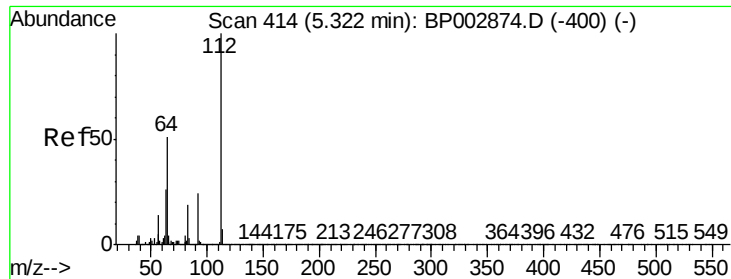
Ion Ratio Lower Upper

42 100

74 203.4 158.6 238.0

44 7.4 5.8 8.8





#5

2-Fluorophenol

Concen: 94.298 ng

RT: 5.29 min Scan# 409

Delta R.T. -0.00 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

Instrument :

BNA_P

ClientSampleId :

PB130950BS

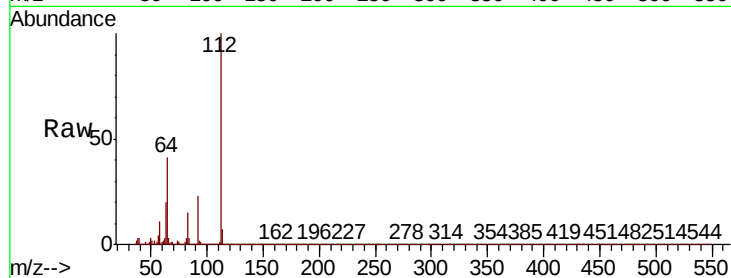
Tot Ion:112 Resp: 2077704

Ion Ratio Lower Upper

112 100

64 40.5 33.4 50.2

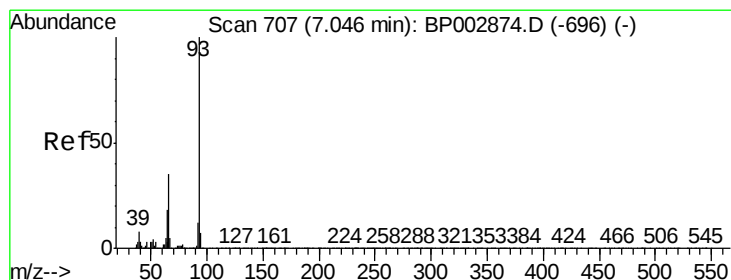
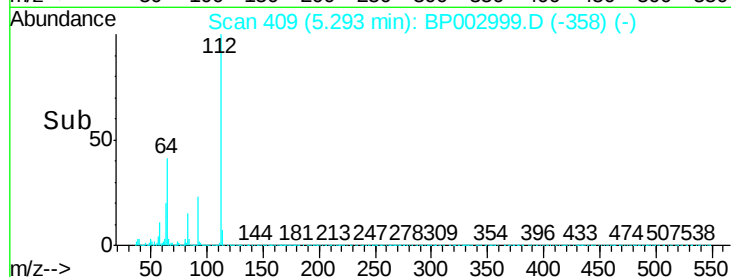
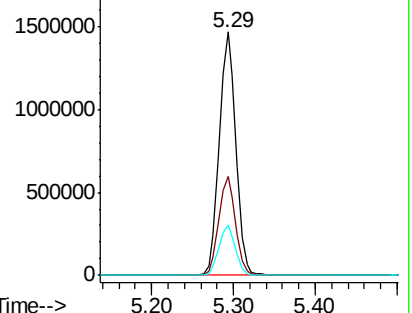
63 20.4 17.4 26.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP

Ion 63.00 (62.70 to 63.70): BP



#6

Aniline

Concen: 27.278 ng

RT: 7.01 min Scan# 701

Delta R.T. -0.01 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

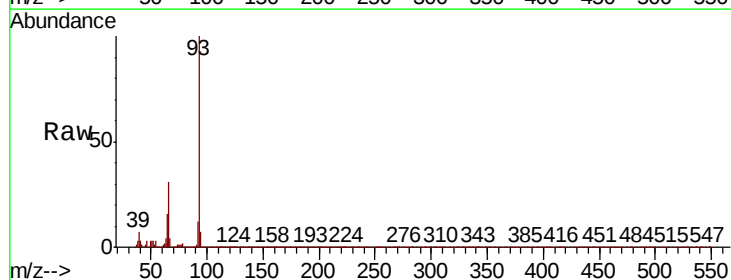
Tgt Ion: 93 Resp: 968111

Ion Ratio Lower Upper

93 100

66 30.6 24.8 37.2

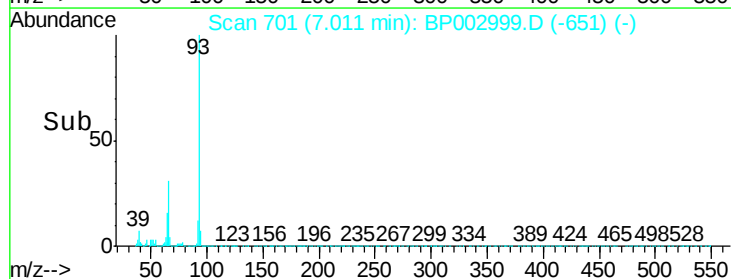
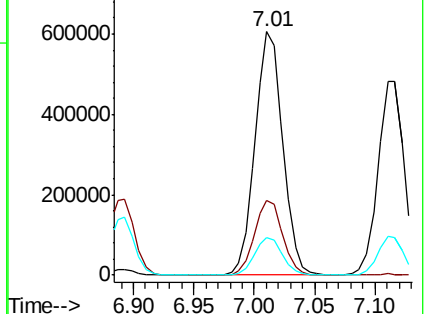
65 15.6 12.2 18.4

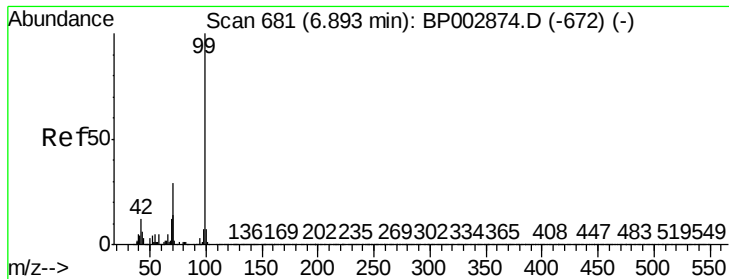


Abundance Ion 93.00 (92.70 to 93.70): BP

Ion 66.00 (65.70 to 66.70): BP

Ion 65.00 (64.70 to 65.70): BP





#7

Phenol-d6

Concen: 78.880 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

Instrument :

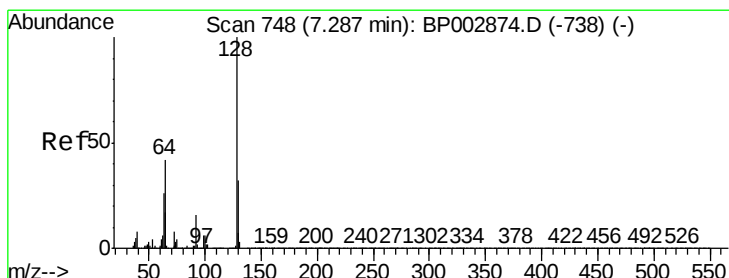
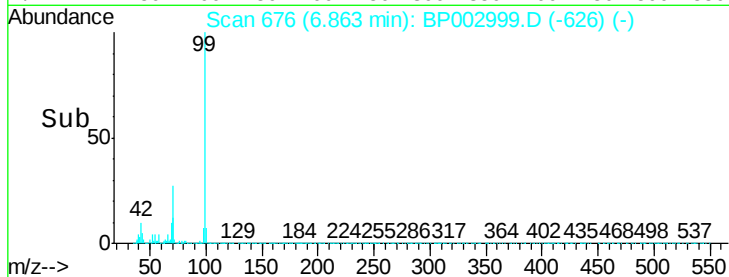
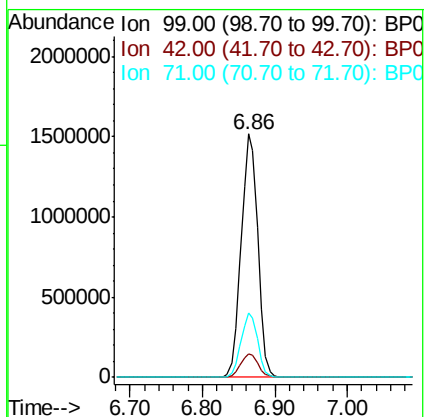
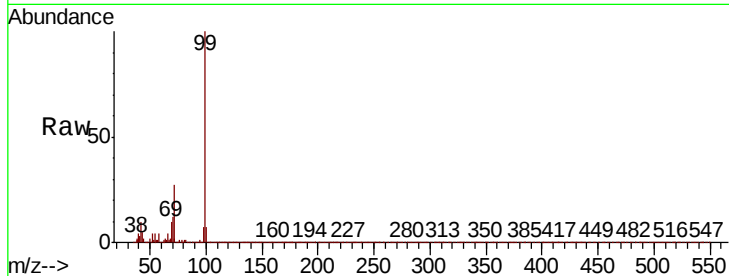
BNA_P

ClientSampleId :

PB130950BS

Tot Ion: 99 Resp: 2412980

Ion	Ratio	Lower	Upper
99	100		
42	9.9	8.0	12.0
71	26.7	21.3	31.9



#8

2-Chlorophenol

Concen: 39.545 ng

RT: 7.25 min Scan# 742

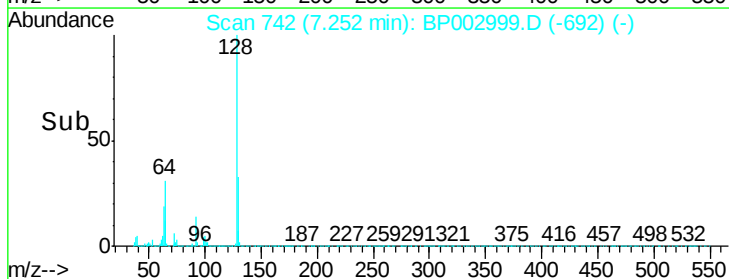
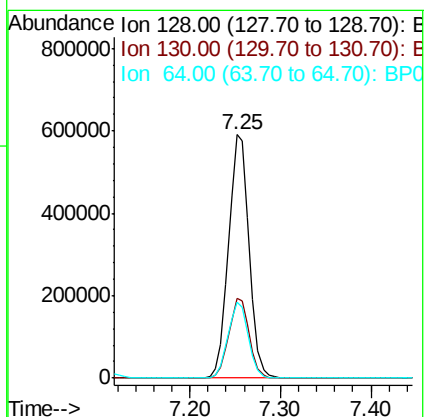
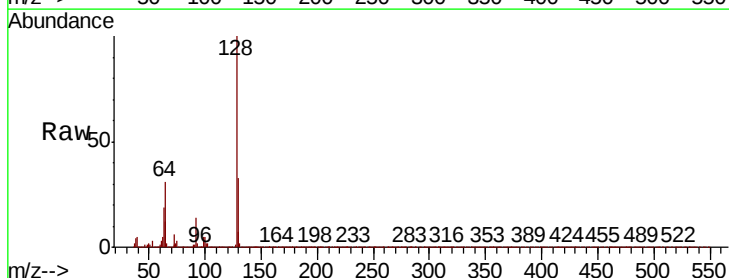
Delta R.T. -0.01 min

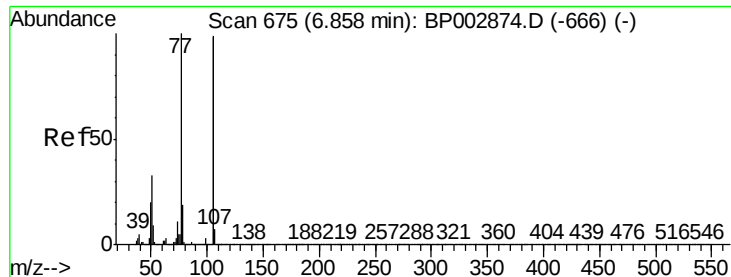
Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

Tgt Ion: 128 Resp: 929023

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.9	52.9
64	31.1	10.7	50.7





#9

Benzaldehyde

Concen: 27.018 ng

RT: 6.82 min Scan# 669

Delta R.T. -0.01 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

Instrument :

BNA_P

ClientSampleId :

PB130950BS

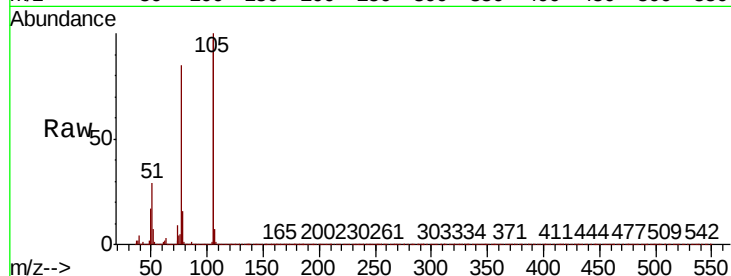
Tot Ion: 77 Resp: 440052

Ion Ratio Lower Upper

77 100

105 117.1 97.5 137.5

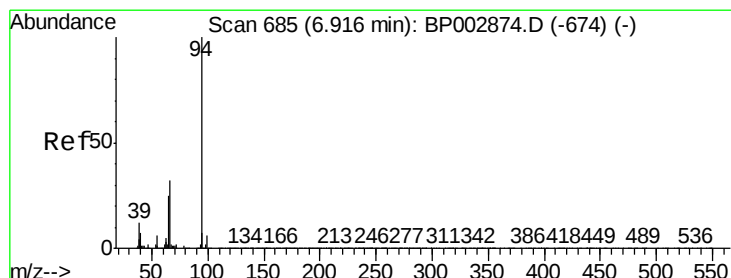
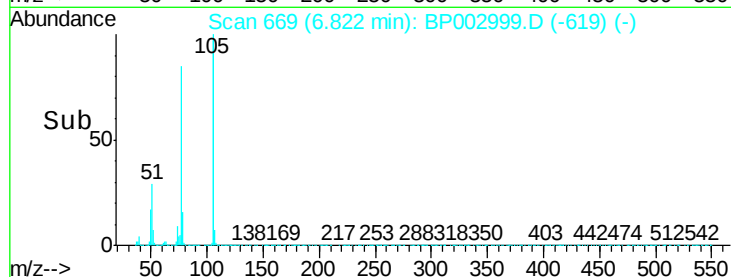
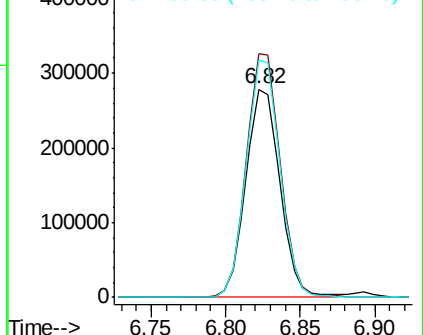
106 113.9 93.1 133.1



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 31.062 ng

RT: 6.89 min Scan# 681

Delta R.T. -0.00 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

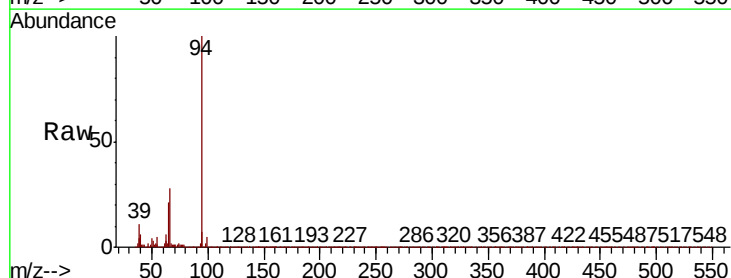
Tgt Ion: 94 Resp: 956981

Ion Ratio Lower Upper

94 100

65 21.3 1.7 41.7

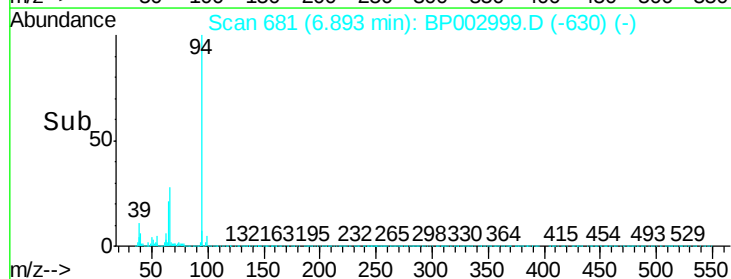
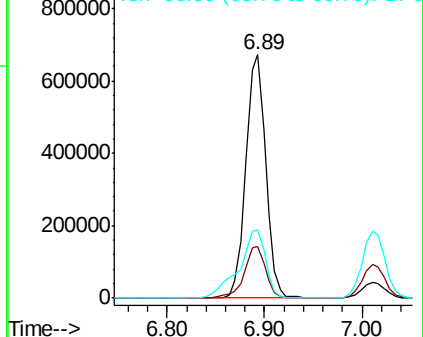
66 28.1 8.6 48.6



Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

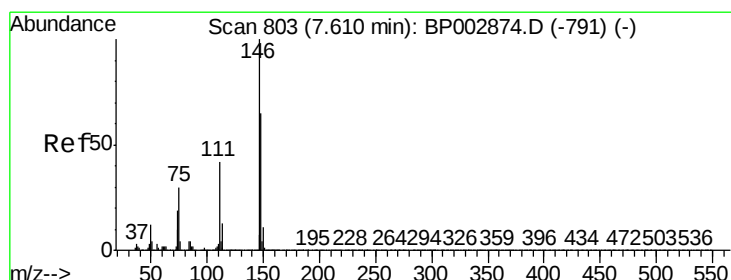
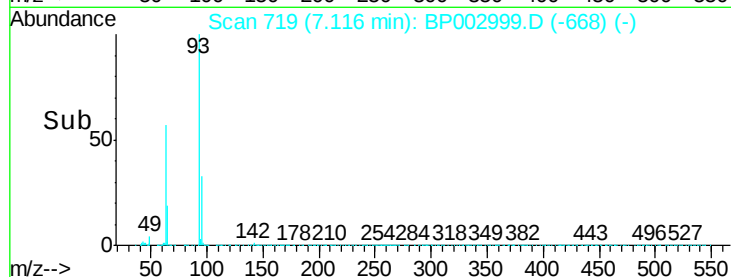
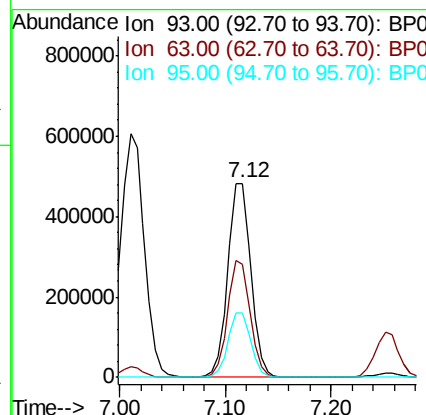
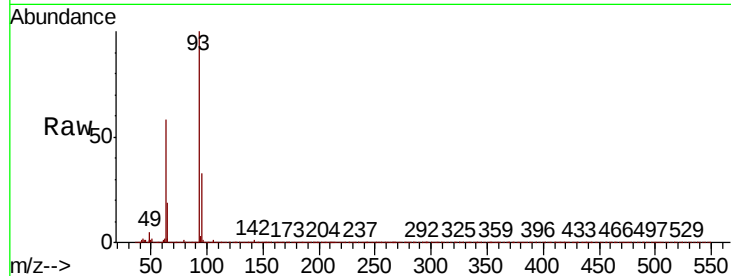




#11
bis(2-Chloroethyl)ether
Concen: 30.937 ng
RT: 7.12 min Scan# 719
Delta R.T. -0.00 min
Lab File: BP002999.D
Acq: 17 Aug 2020 13:05

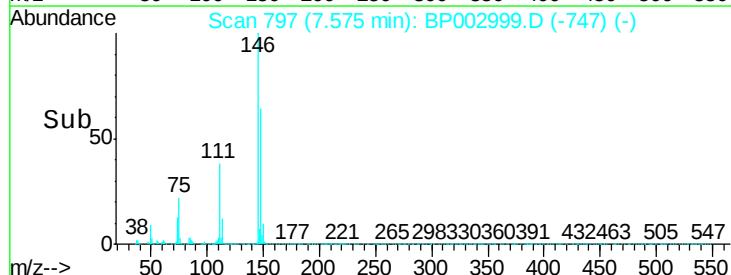
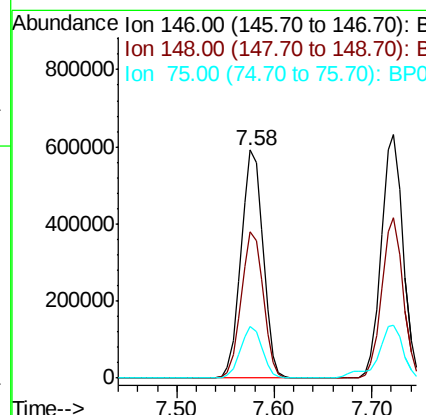
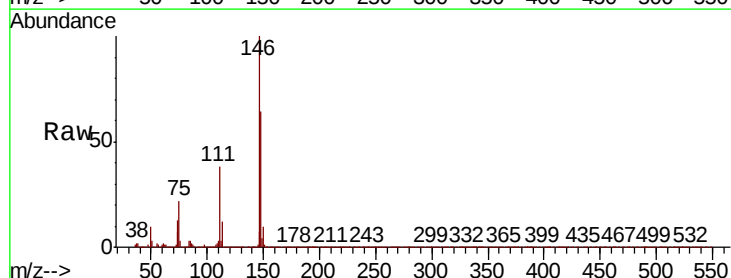
Instrument :
BNA_P
ClientSampleId :
PB130950BS

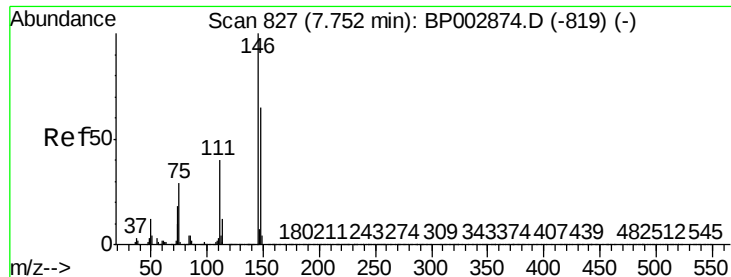
Tot Ion:	93	Resp:	733096
Ion	Ratio	Lower	Upper
93	100		
63	58.3	38.4	78.4
95	33.2	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 35.011 ng
RT: 7.58 min Scan# 797
Delta R.T. -0.01 min
Lab File: BP002999.D
Acq: 17 Aug 2020 13:05

Tgt Ion:	146	Resp:	928339
Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.0
75	22.5	17.4	26.0

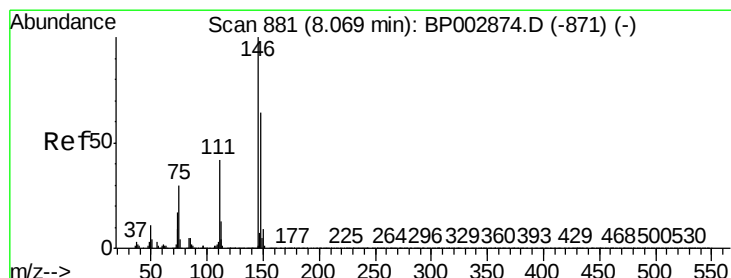
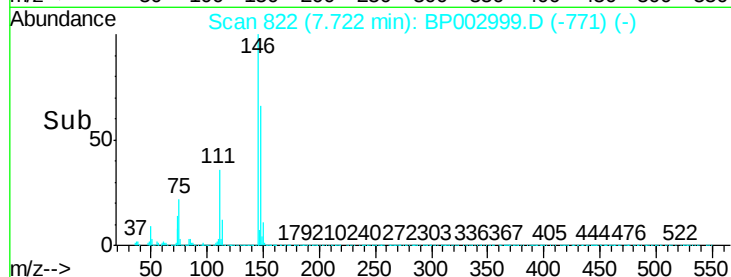
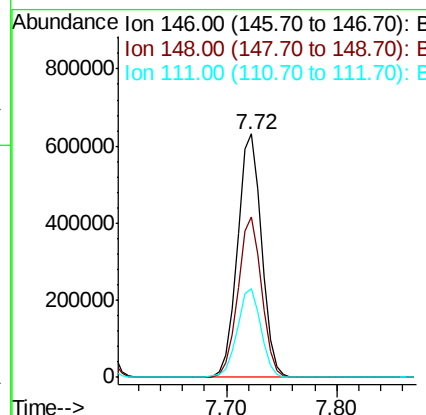
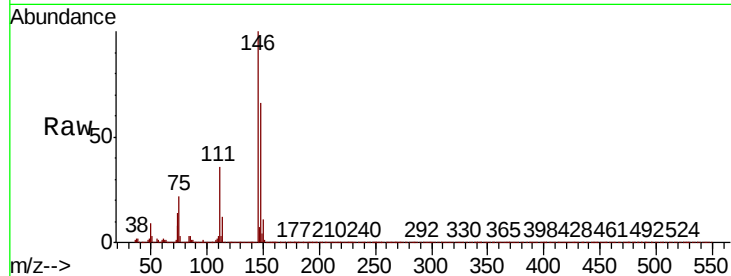




#13
 1,4-Dichlorobenzene
 Concen: 36.016 ng
 RT: 7.72 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BP002999.D
 Acq: 17 Aug 2020 13:05

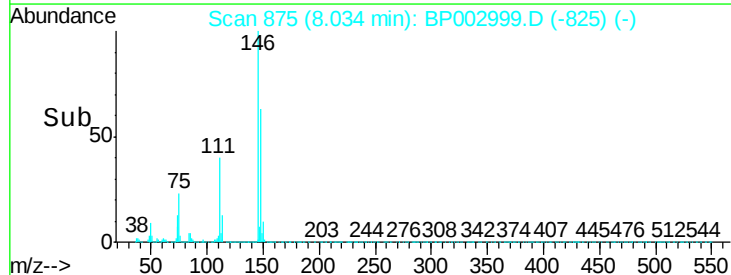
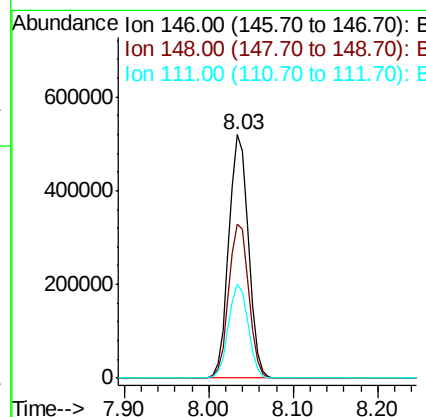
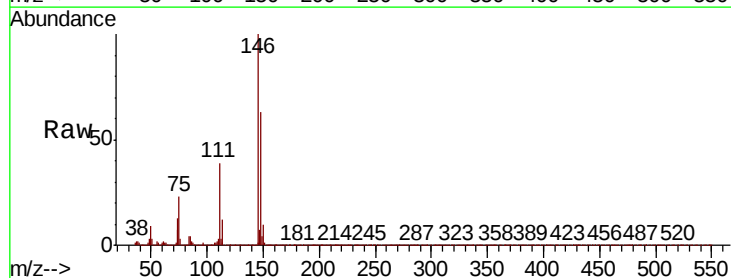
Instrument :
 BNA_P
 ClientSampleId :
 PB130950BS

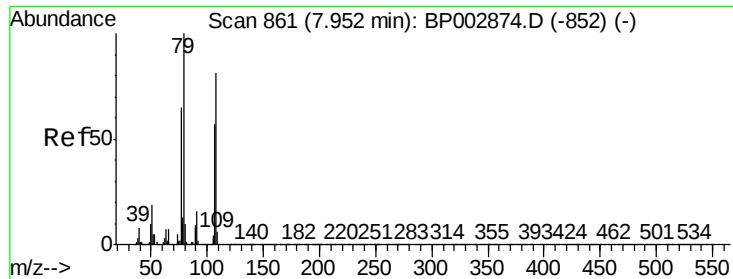
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.4	77.2
111	36.3	29.0	43.4



#14
 1,2-Dichlorobenzene
 Concen: 32.446 ng
 RT: 8.03 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BP002999.D
 Acq: 17 Aug 2020 13:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.5	77.3
111	38.6	30.5	45.7

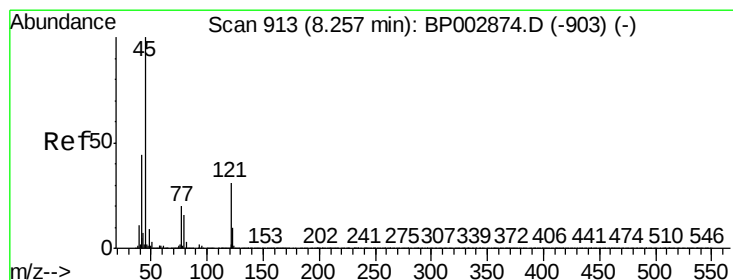
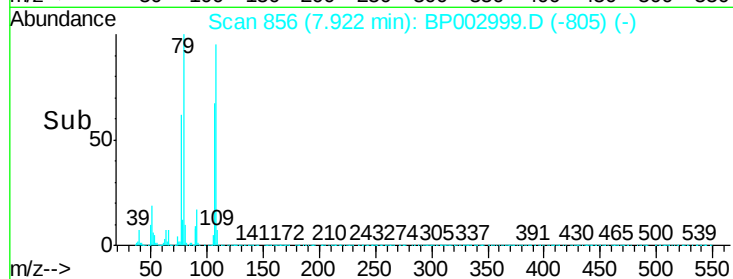
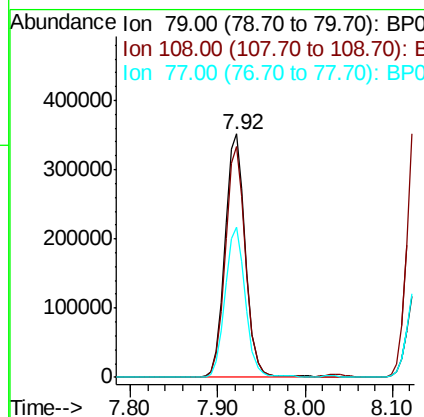
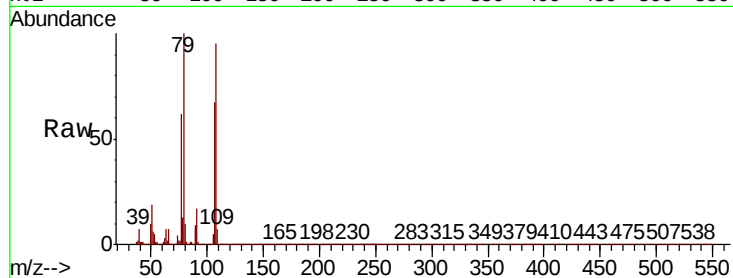




#15
Benzyl Alcohol
Concen: 27.968 ng
RT: 7.92 min Scan# 856
Delta R.T. -0.00 min
Lab File: BP002999.D
Acq: 17 Aug 2020 13:05

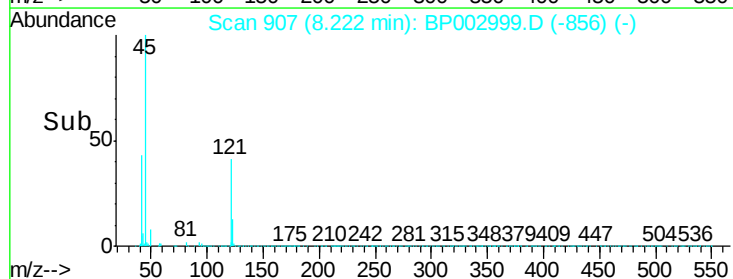
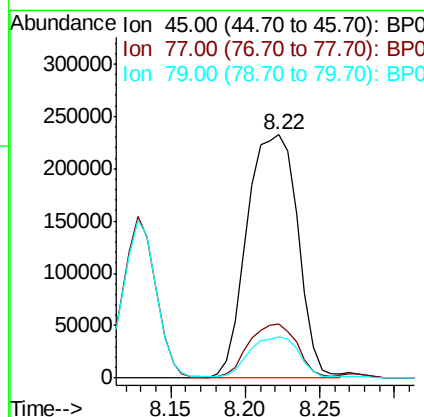
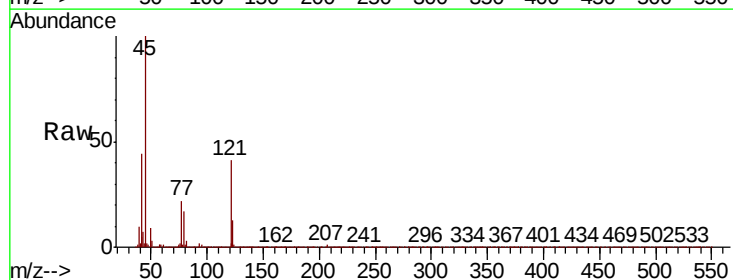
Instrument :
BNA_P
ClientSampleID :
PB130950BS

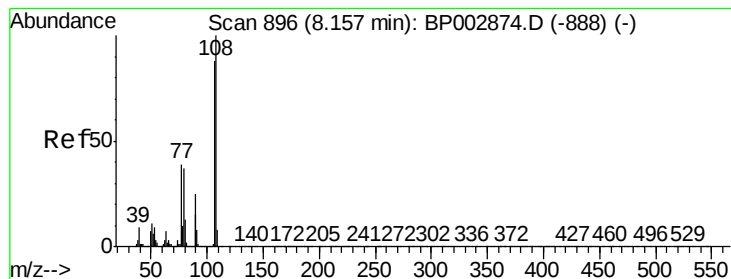
Tot Ion: 79 Resp: 564494
Ion Ratio Lower Upper
79 100
108 94.8 75.7 113.5
77 61.6 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 24.649 ng
RT: 8.22 min Scan# 907
Delta R.T. -0.00 min
Lab File: BP002999.D
Acq: 17 Aug 2020 13:05

Tgt Ion: 45 Resp: 548753
Ion Ratio Lower Upper
45 100
77 22.1 1.2 41.2
79 17.1 0.0 37.0





#17

2-Methylphenol

Concen: 31.332 ng

RT: 8.13 min Scan# 891

Delta R.T. -0.01 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

Instrument :

BNA_P

ClientSampleId :

PB130950BS

Tot Ion:107 Resp: 616825

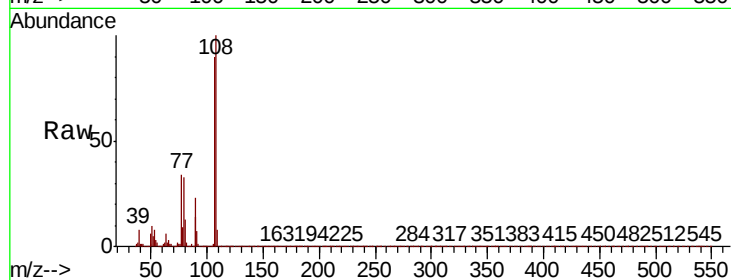
Ion Ratio Lower Upper

107 100

108 111.1 90.0 135.0

77 38.0 29.3 43.9

79 37.1 29.3 43.9

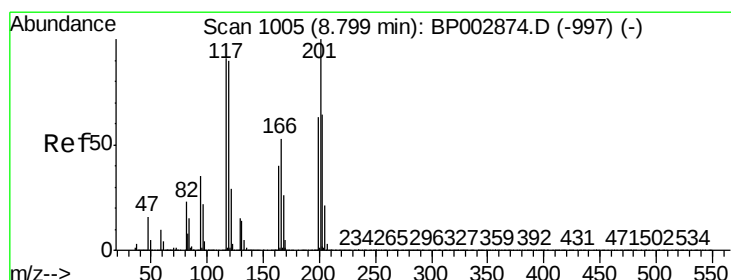
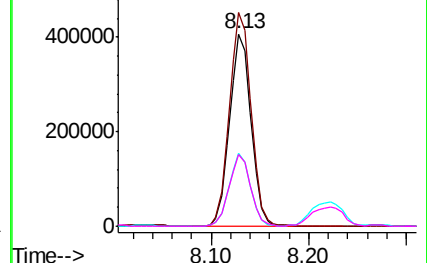
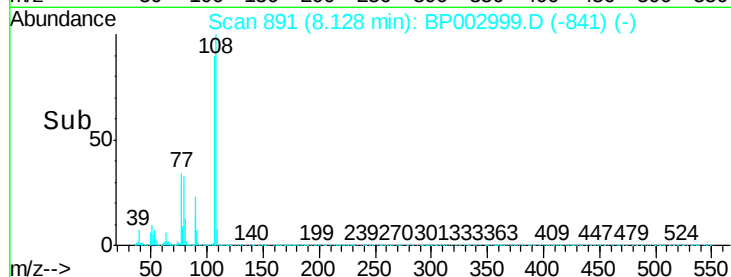


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18

Hexachloroethane

Concen: 30.737 ng

RT: 8.76 min Scan# 999

Delta R.T. -0.00 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

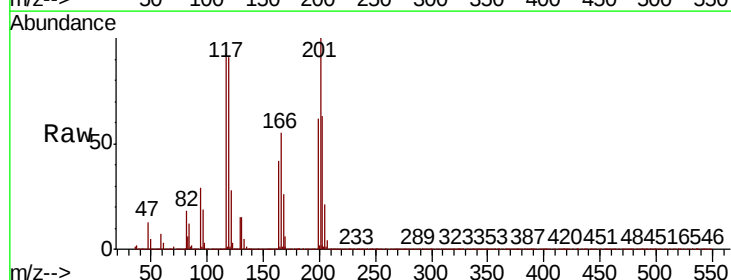
Tgt Ion:117 Resp: 287335

Ion Ratio Lower Upper

117 100

119 97.6 77.1 115.7

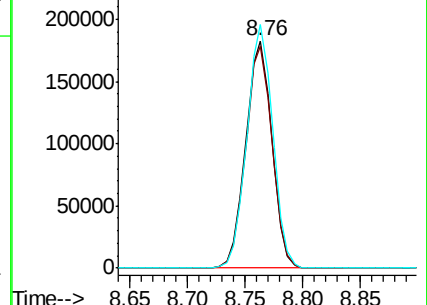
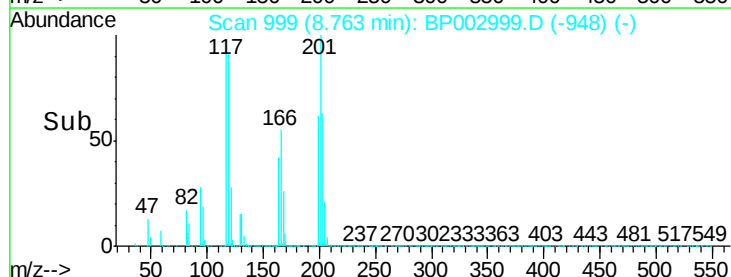
201 107.0 84.3 126.5

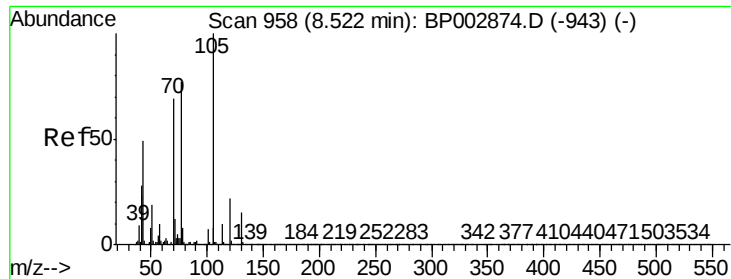


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

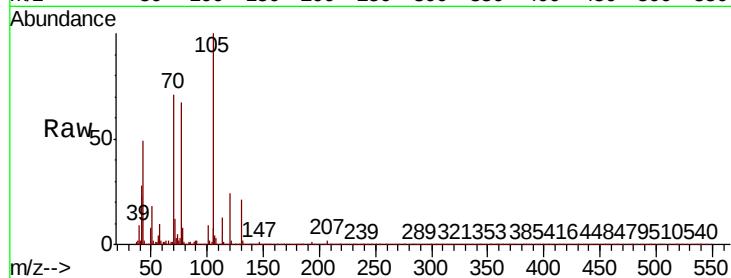




#19
n-Nitroso-di-n-propylamine
Concen: 23.585 ng
RT: 8.49 min Scan# 952
Delta R.T. -0.01 min
Lab File: BP002999.D
Acq: 17 Aug 2020 13:05

Instrument :
BNA_P
ClientSampleId :
PB130950BS

Tot Ion:	70	Resp:	415703
Ion	Ratio	Lower	Upper
70	100		
42	40.0	31.8	47.8
101	12.3	9.8	14.8
130	29.8	24.4	36.6



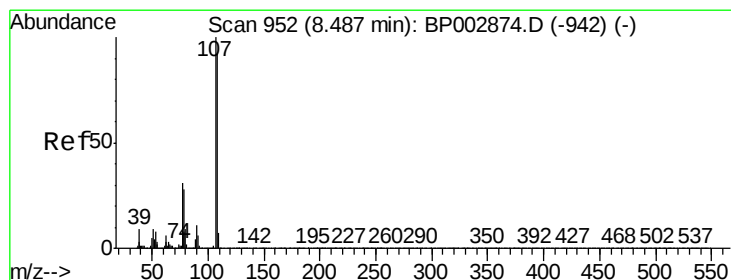
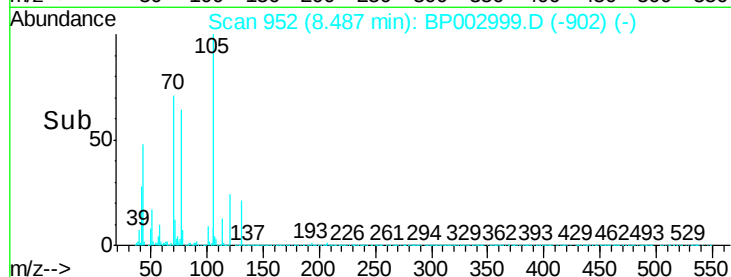
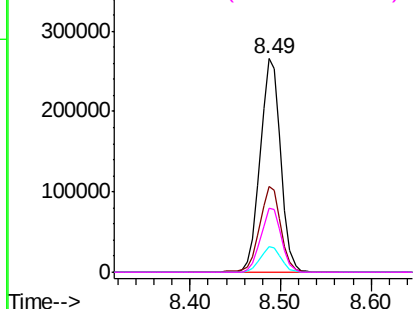
Abundance

Ion 70.00 (69.70 to 70.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

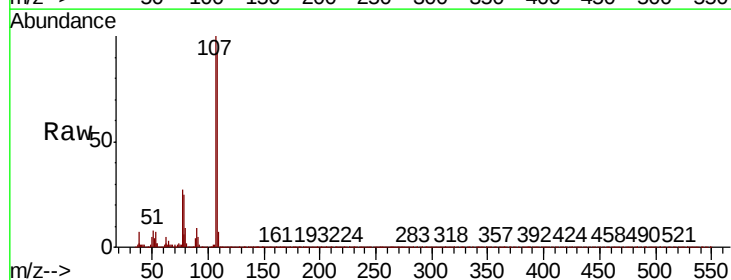
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 31.195 ng
RT: 8.46 min Scan# 947
Delta R.T. -0.00 min
Lab File: BP002999.D
Acq: 17 Aug 2020 13:05

Tgt Ion:	107	Resp:	827695
Ion	Ratio	Lower	Upper
107	100		
108	91.9	69.1	109.1
77	27.4	7.2	47.2
79	24.6	3.3	43.3



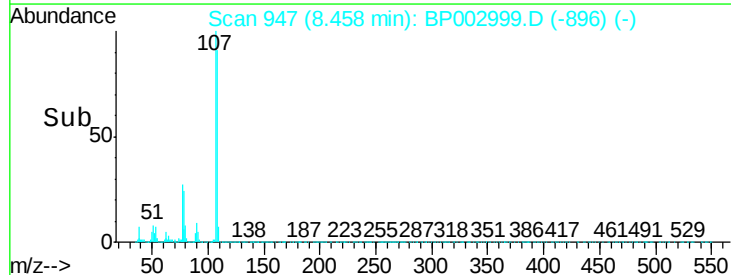
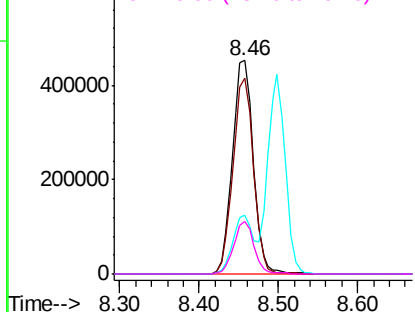
Abundance

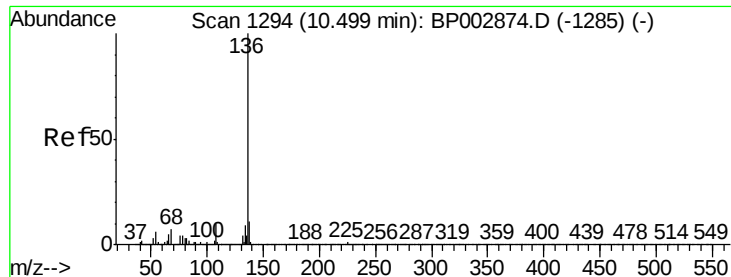
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0

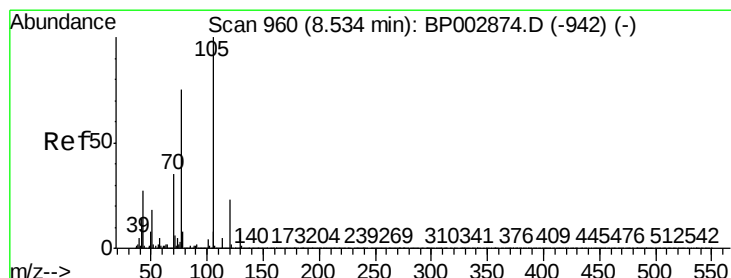
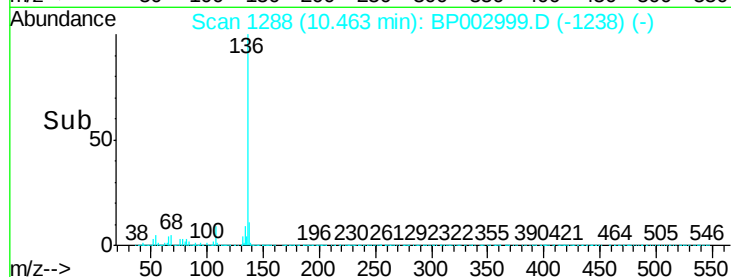
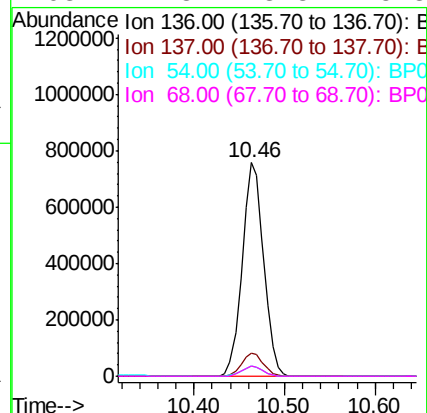
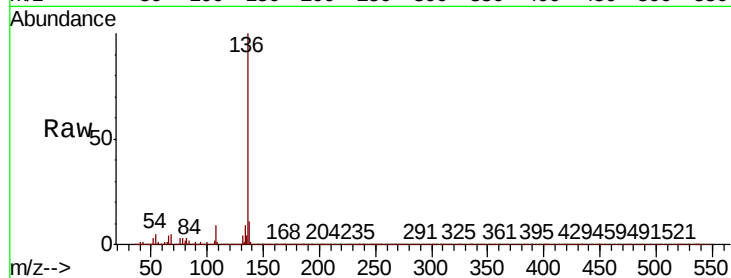




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BP002999.D
Acq: 17 Aug 2020 13:05

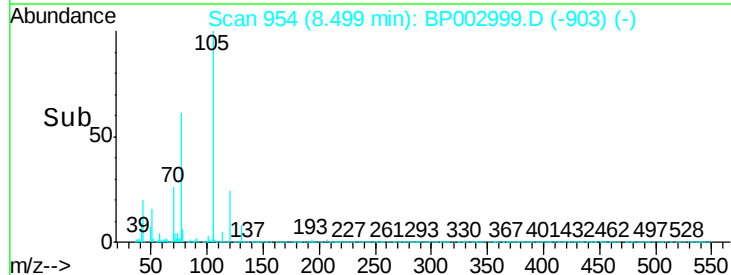
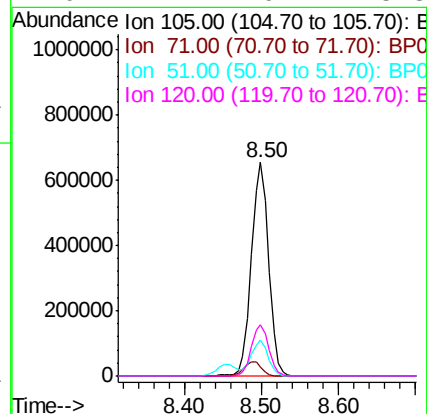
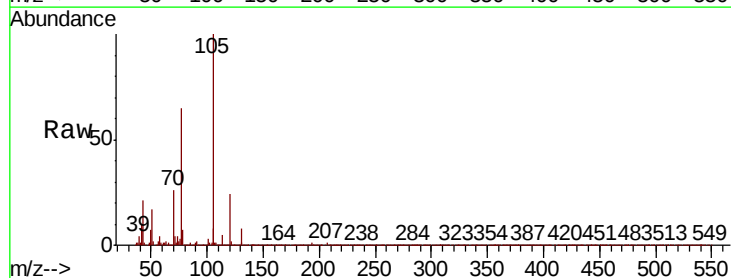
Instrument :
BNA_P
ClientSampleId :
PB130950BS

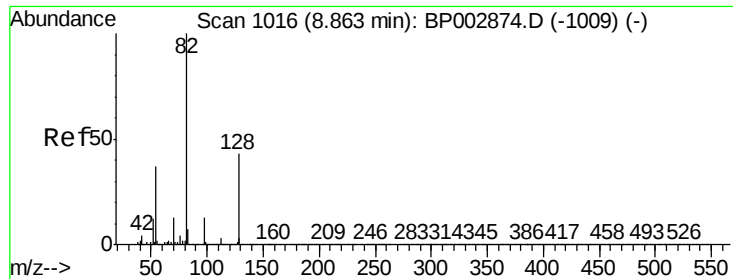
Tot Ion:136	Resp: 1241904
Ion Ratio	Lower Upper
136 100	
137 11.1	8.8 13.2
54 4.8	3.8 5.8
68 4.8	3.8 5.8



#22
Acetophenone
Concen: 29.399 ng
RT: 8.50 min Scan# 954
Delta R.T. -0.00 min
Lab File: BP002999.D
Acq: 17 Aug 2020 13:05

Tgt	Ion:105	Resp:	1030123
Ion	Ratio	Lower	Upper
105	100		
71	4.3	5.4	8.0#
51	16.5	13.5	20.3
120	24.2	19.2	28.8

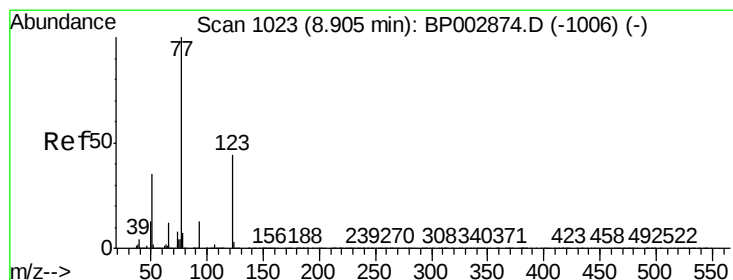
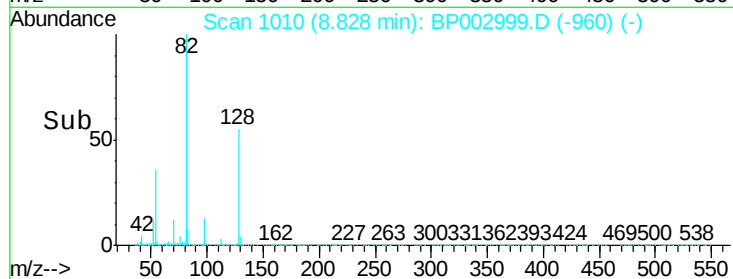
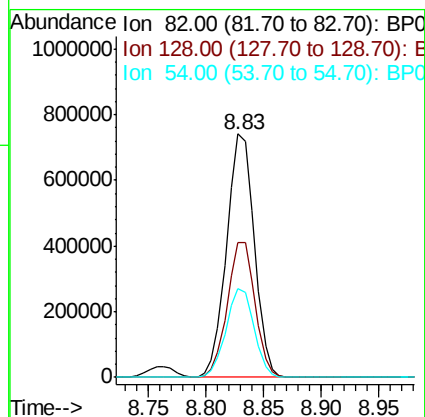
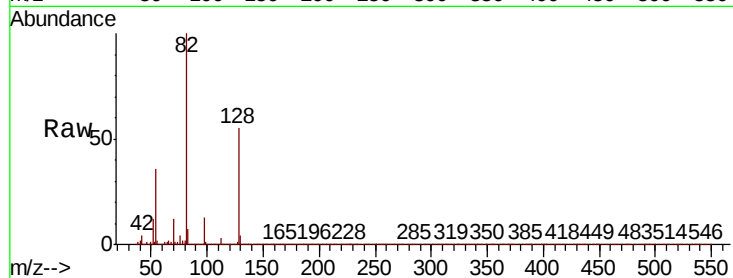




#23
 Nitrobenzene-d5
 Concen: 53.853 ng
 RT: 8.83 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BP002999.D
 Acq: 17 Aug 2020 13:05

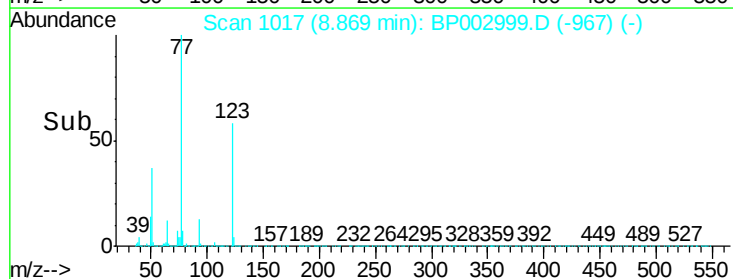
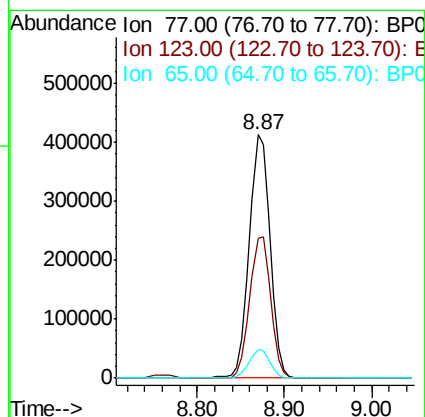
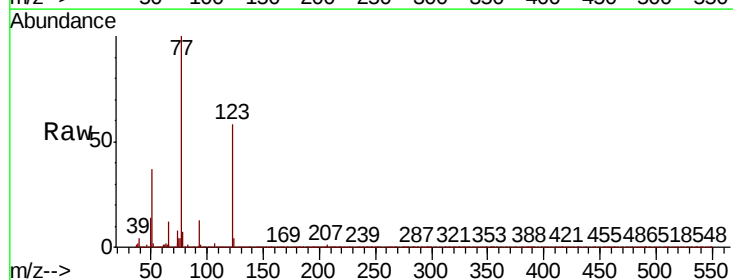
Instrument :
 BNA_P
 ClientSampleId :
 PB130950BS

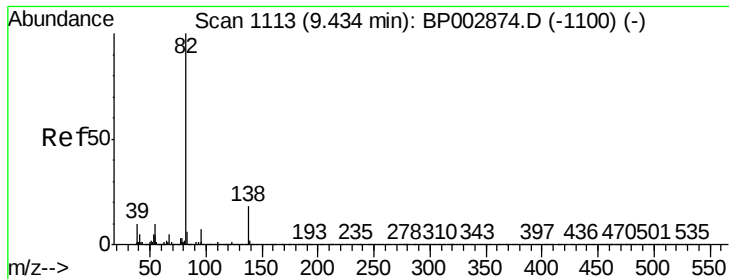
Tot Ion: 82 Resp: 1234804
 Ion Ratio Lower Upper
 82 100
 128 55.3 45.1 67.7
 54 36.2 28.8 43.2



#24
 Nitrobenzene
 Concen: 26.376 ng
 RT: 8.87 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BP002999.D
 Acq: 17 Aug 2020 13:05

Tgt Ion: 77 Resp: 656572
 Ion Ratio Lower Upper
 77 100
 123 57.7 47.5 71.3
 65 11.7 9.2 13.8





#25

Isophorone

Concen: 25.515 ng

RT: 9.40 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

Instrument :

BNA_P

ClientSampleId :

PB130950BS

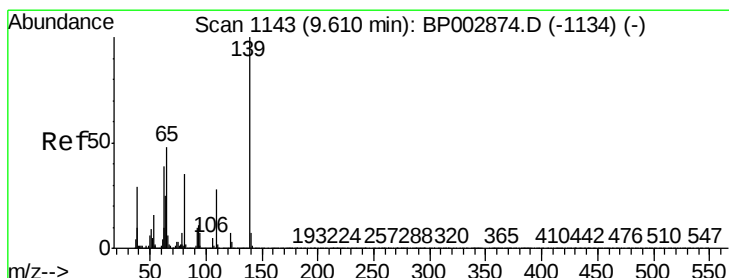
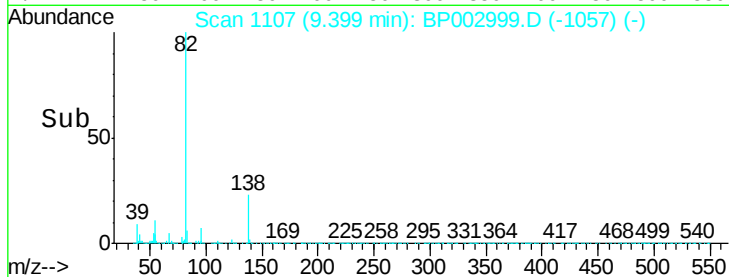
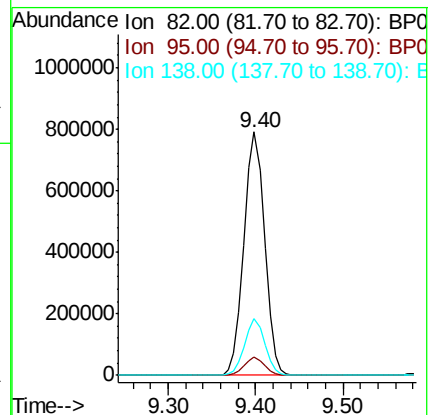
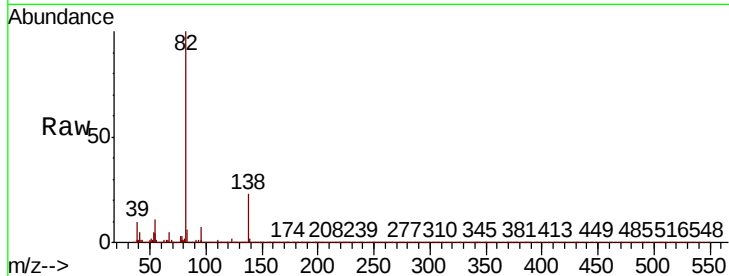
Tot Ion: 82 Resp: 1256882

Ion Ratio Lower Upper

82 100

95 7.4 6.1 9.1

138 23.1 18.8 28.2



#26

2-Nitrophenol

Concen: 39.189 ng

RT: 9.58 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

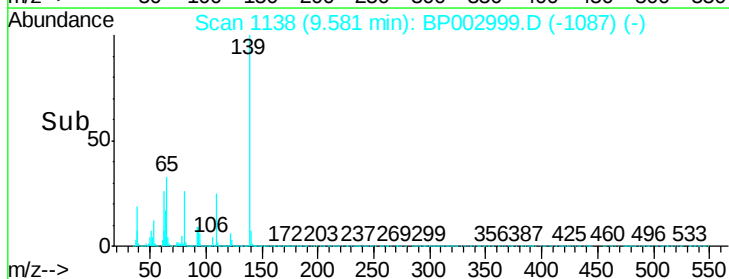
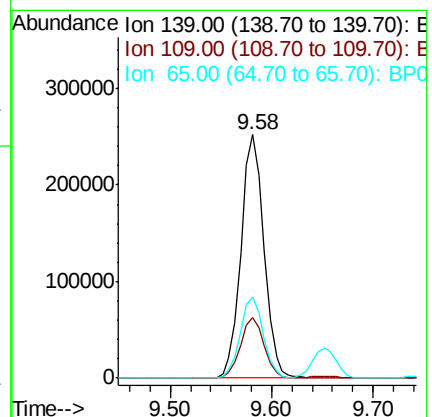
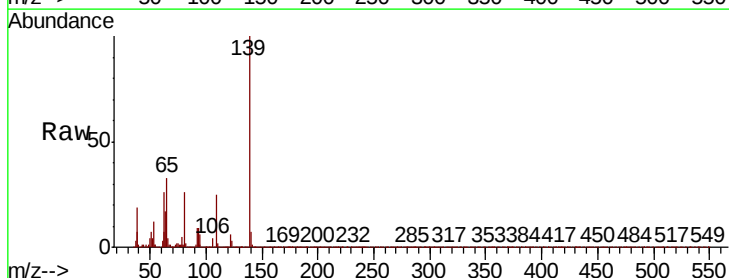
Tgt Ion: 139 Resp: 397674

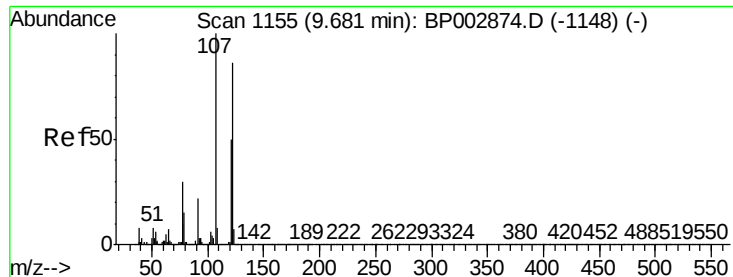
Ion Ratio Lower Upper

139 100

109 25.1 21.0 31.6

65 33.3 27.2 40.8

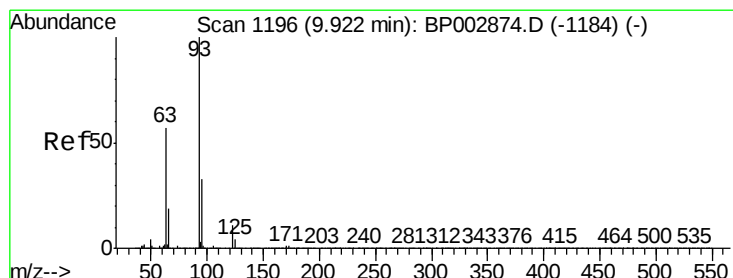
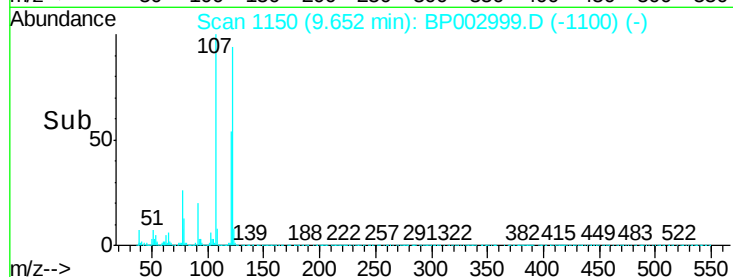
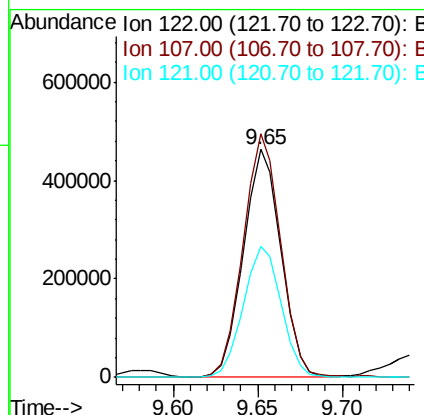
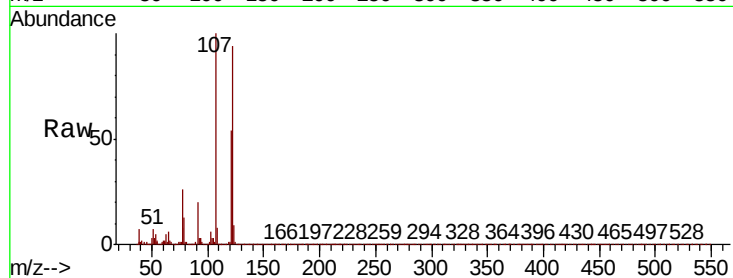




#27
2,4-Dimethylphenol
Concen: 36.456 ng
RT: 9.65 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BP002999.D
Acq: 17 Aug 2020 13:05

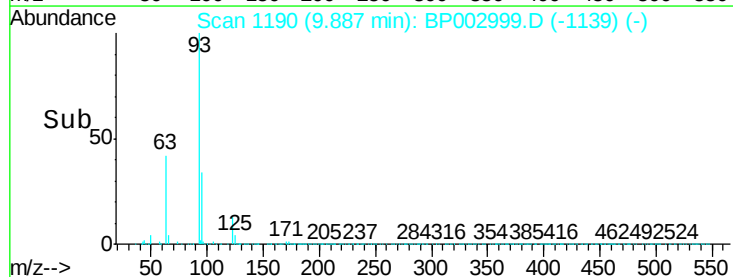
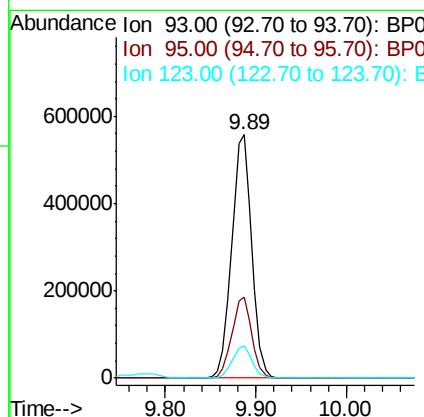
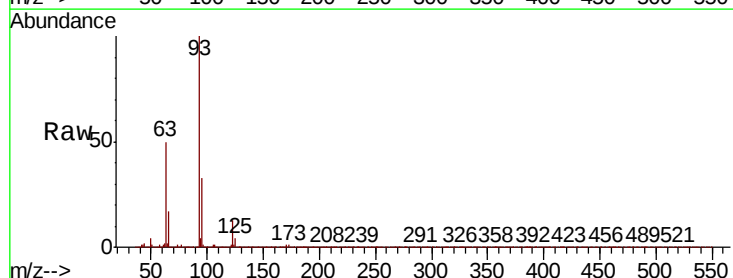
Instrument :
BNA_P
ClientSampleId :
PB130950BS

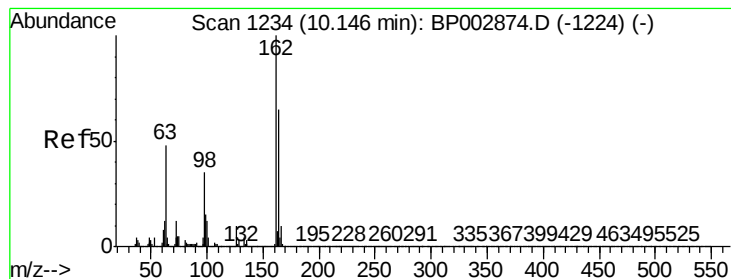
Tot Ion	Ratio	Lower	Upper
122	100		
107	106.8	85.4	128.0
121	57.4	47.0	70.4



#28
bis(2-Chloroethoxy)methane
Concen: 31.192 ng
RT: 9.89 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BP002999.D
Acq: 17 Aug 2020 13:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.1	39.1
123	13.4	10.5	15.7





#29

2,4-Dichlorophenol

Concen: 35.516 ng

RT: 10.12 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

Instrument :

BNA_P

ClientSampleId :

PB130950BS

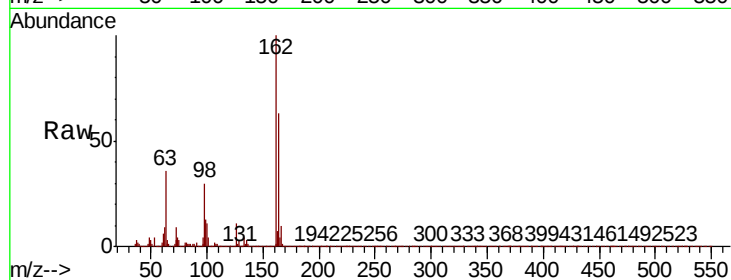
Tot Ion:162 Resp: 733264

Ion Ratio Lower Upper

162 100

164 63.3 43.9 83.9

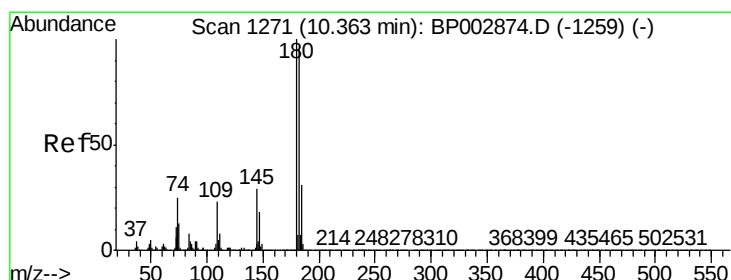
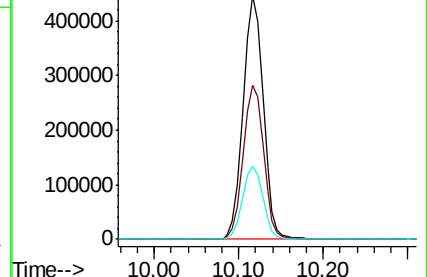
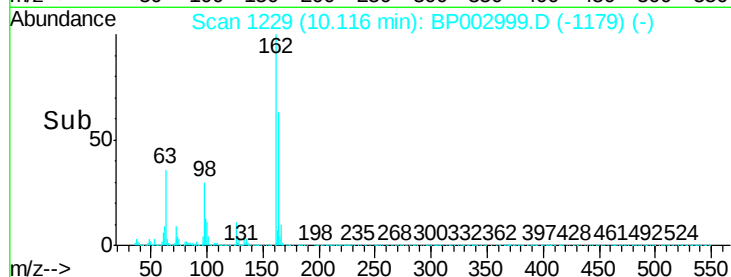
98 30.4 10.0 50.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BP0



#30

1,2,4-Trichlorobenzene

Concen: 31.877 ng

RT: 10.33 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

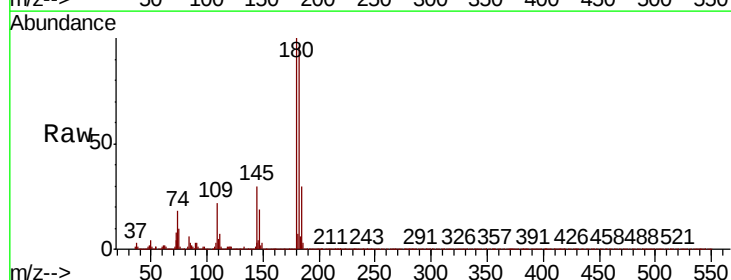
Tgt Ion:180 Resp: 769355

Ion Ratio Lower Upper

180 100

182 96.1 76.3 114.5

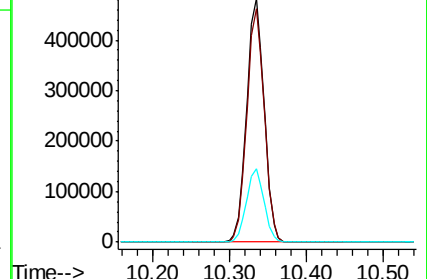
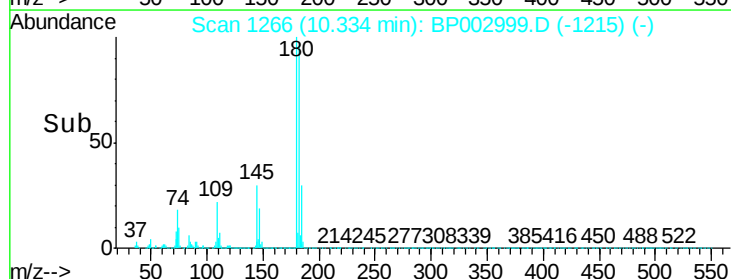
145 30.1 24.4 36.6

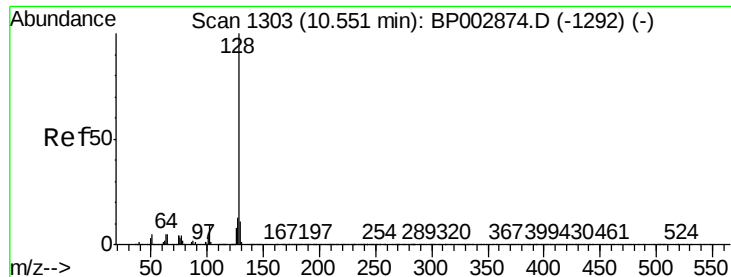


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

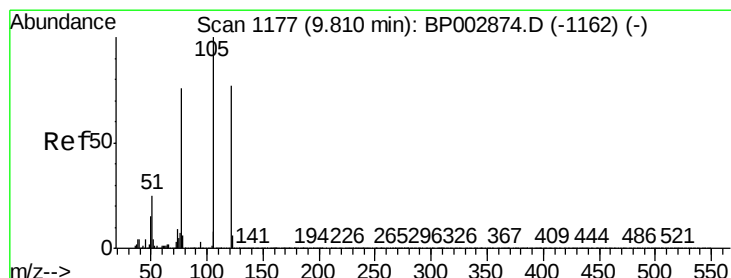
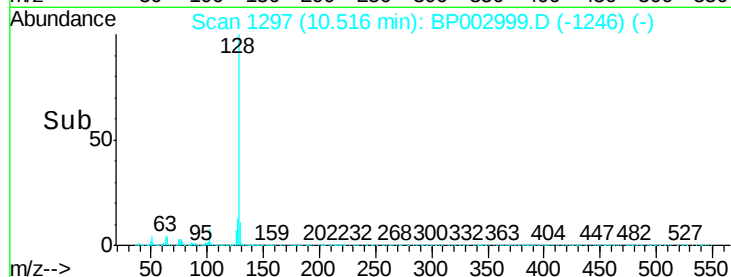
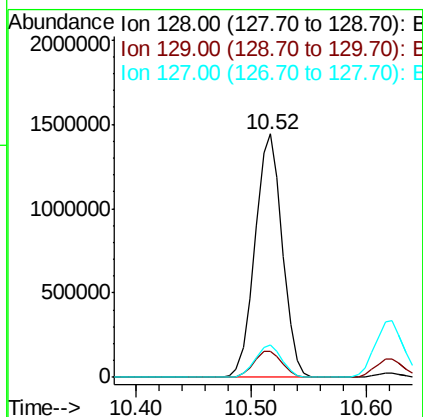
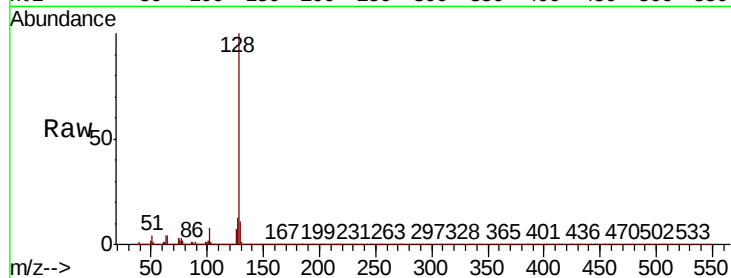




#31
Naphthalene
Concen: 33.446 ng
RT: 10.52 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BP002999.D
Acq: 17 Aug 2020 13:05

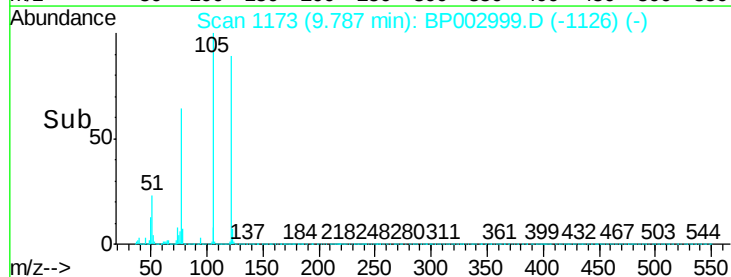
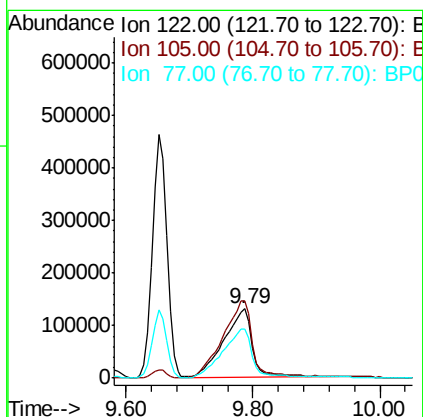
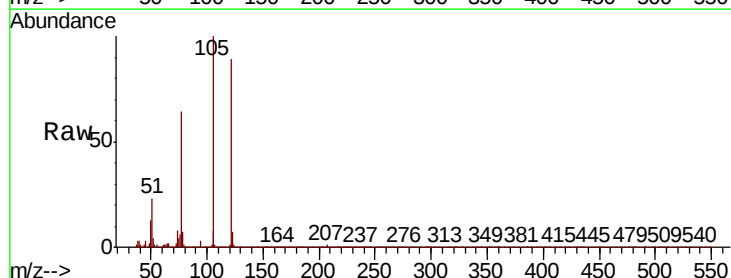
Instrument :
BNA_P
ClientSampleId :
PB130950BS

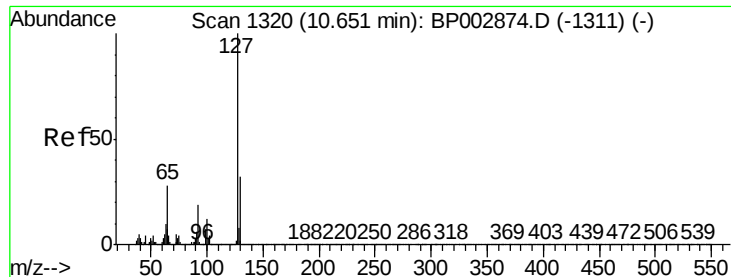
Tot Ion:128 Resp: 2377771
Ion Ratio Lower Upper
128 100
129 10.7 9.1 13.7
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 37.166 ng
RT: 9.79 min Scan# 1173
Delta R.T. -0.02 min
Lab File: BP002999.D
Acq: 17 Aug 2020 13:05

Tgt Ion:122 Resp: 404962
Ion Ratio Lower Upper
122 100
105 111.8 96.2 136.2
77 71.6 55.6 95.6

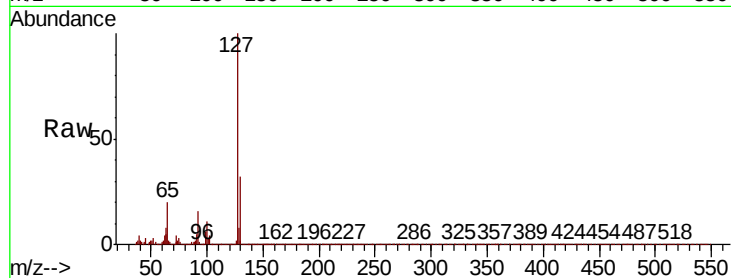




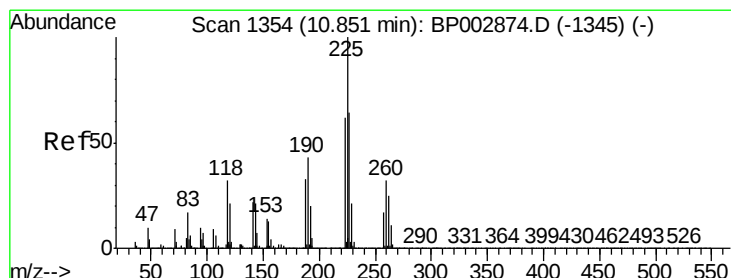
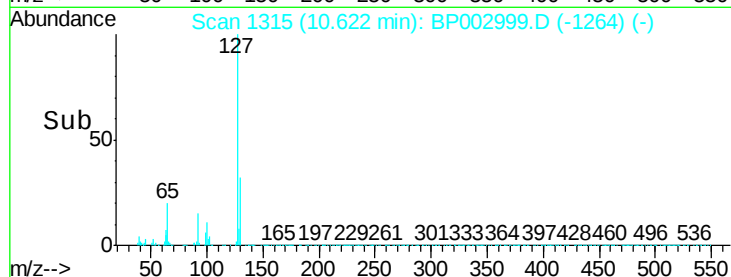
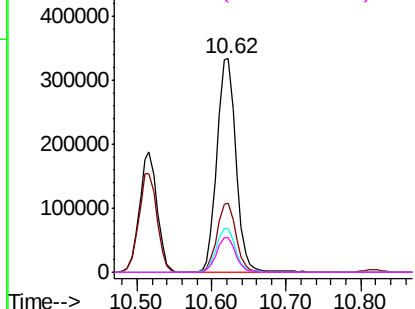
#33
4-Chloroaniline
Concen: 20.105 ng
RT: 10.62 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BP002999.D
Acq: 17 Aug 2020 13:05

Instrument :
BNA_P
ClientSampleId :
PB130950BS

Tot Ion:	127	Resp:	592332
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.6
65	20.2	16.7	25.1
92	16.0	12.8	19.2

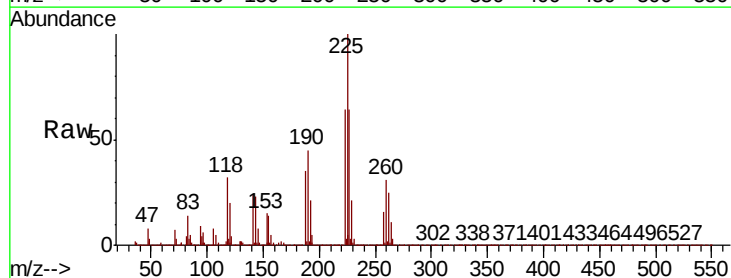


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BP0
Ion 92.00 (91.70 to 92.70): BP0

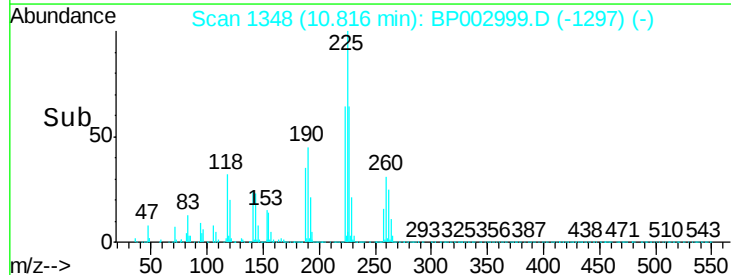
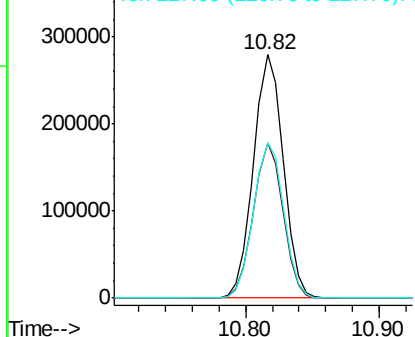


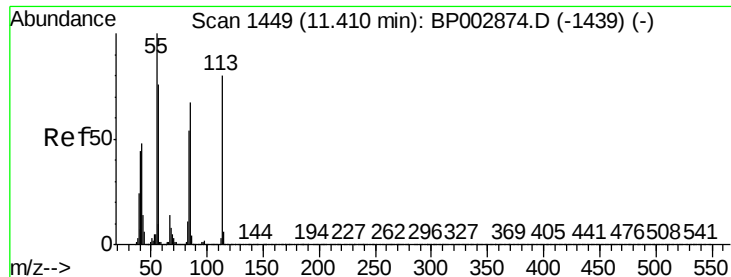
#34
Hexachlorobutadiene
Concen: 29.153 ng
RT: 10.82 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BP002999.D
Acq: 17 Aug 2020 13:05

Tgt Ion:	225	Resp:	430570
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.4	75.6
227	63.6	51.0	76.6



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

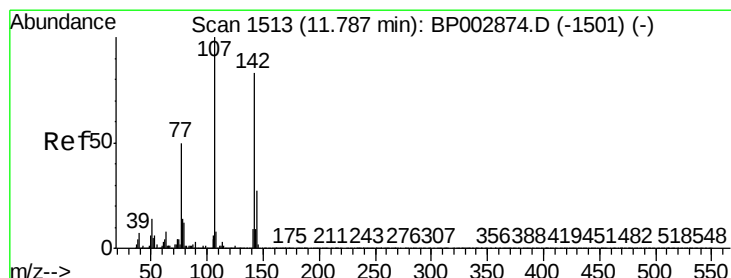
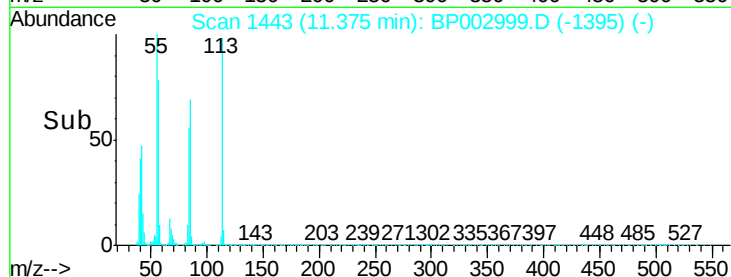
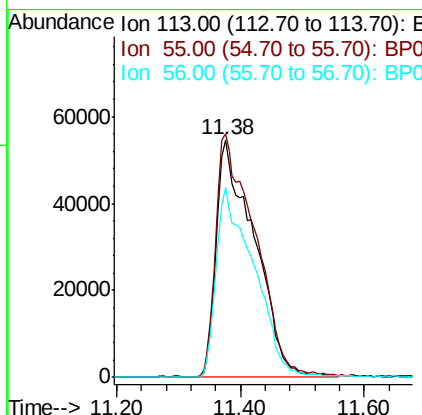
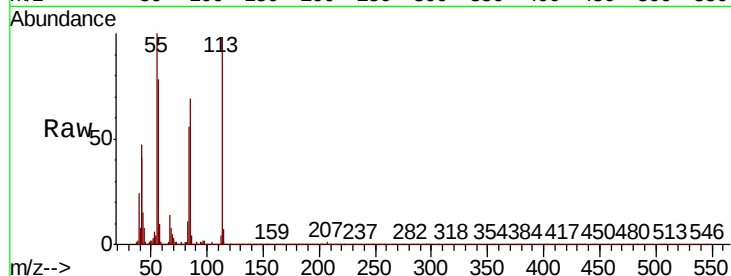




#35
 Caprolactam
 Concen: 36.251 ng
 RT: 11.38 min Scan# 1443
 Delta R.T. -0.02 min
 Lab File: BP002999.D
 Acq: 17 Aug 2020 13:05

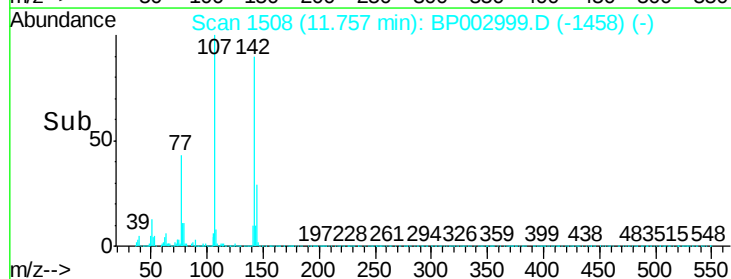
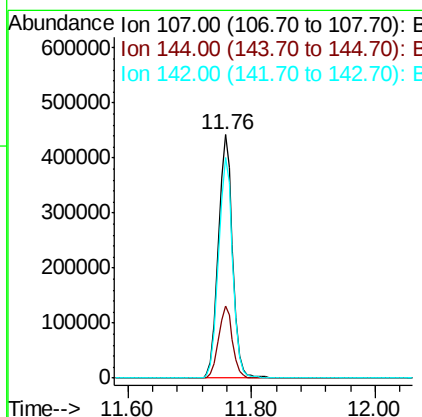
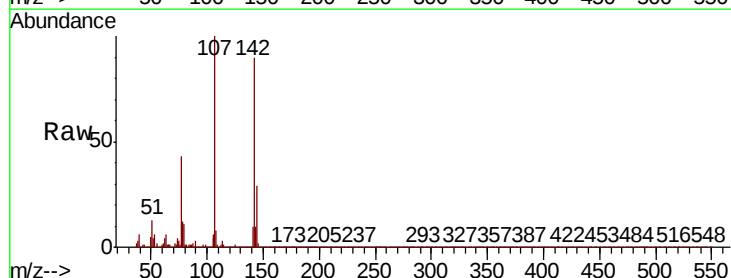
Instrument :
 BNA_P
 ClientSampleId :
 PB130950BS

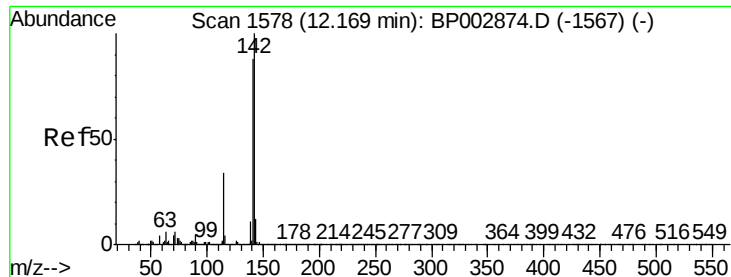
Tot Ion:113 Resp: 231577
 Ion Ratio Lower Upper
 113 100
 55 102.5 87.1 127.1
 56 80.0 61.0 101.0



#36
 4-Chloro-3-methylphenol
 Concen: 32.784 ng
 RT: 11.76 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BP002999.D
 Acq: 17 Aug 2020 13:05

Tgt Ion:107 Resp: 703596
 Ion Ratio Lower Upper
 107 100
 144 29.5 23.8 35.6
 142 90.4 74.2 111.4

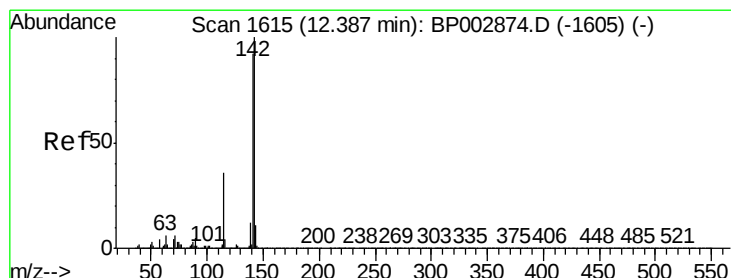
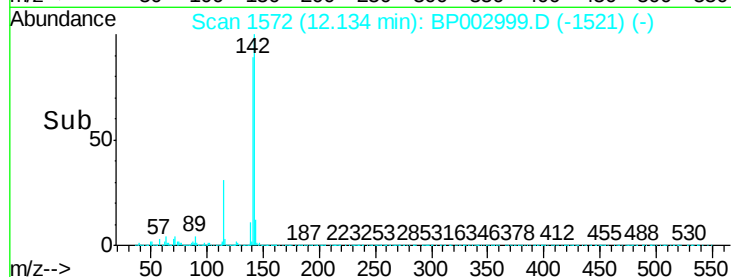
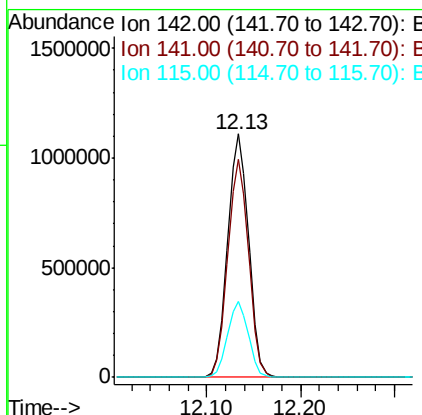
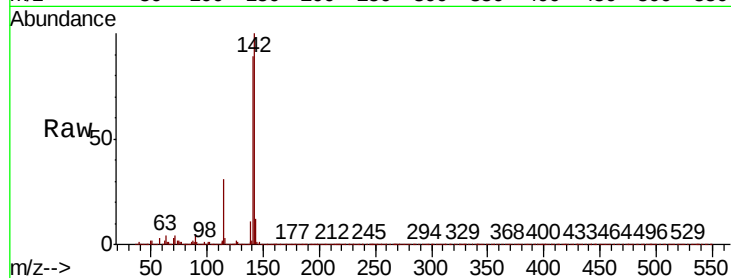




#37
2-Methylnaphthalene
Concen: 33.937 ng
RT: 12.13 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BP002999.D
Acq: 17 Aug 2020 13:05

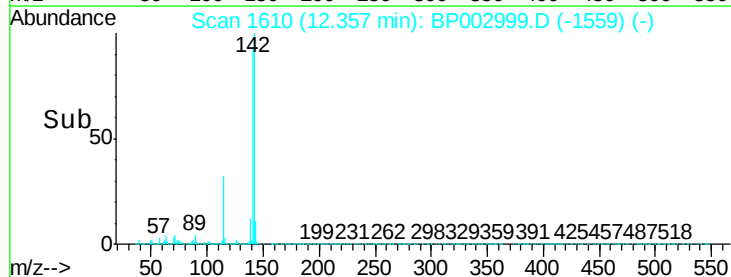
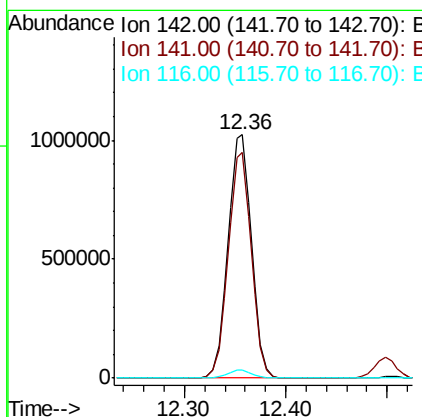
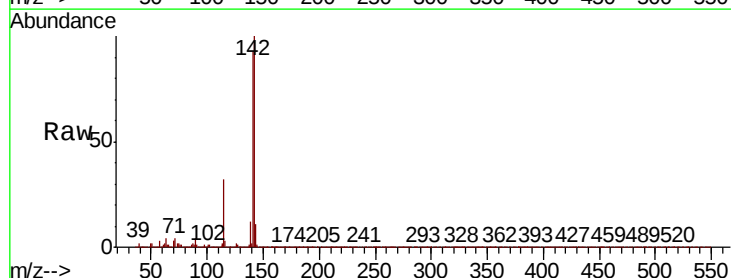
Instrument :
BNA_P
ClientSampleId :
PB130950BS

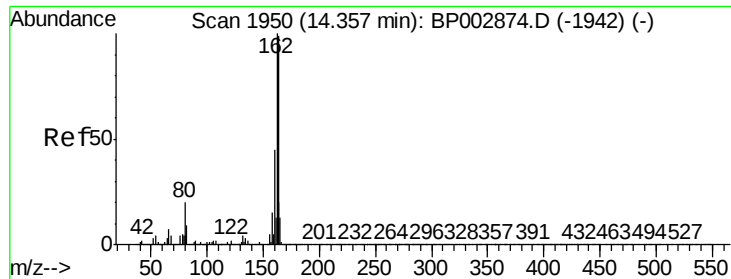
Tot Ion:142 Resp: 1716176
Ion Ratio Lower Upper
142 100
141 89.3 70.5 105.7
115 31.0 25.0 37.4



#38
1-Methylnaphthalene
Concen: 34.131 ng
RT: 12.36 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BP002999.D
Acq: 17 Aug 2020 13:05

Tgt Ion:142 Resp: 1624749
Ion Ratio Lower Upper
142 100
141 92.7 73.5 110.3
116 3.3 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.33 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

Instrument :

BNA_P

ClientSampleId :

PB130950BS

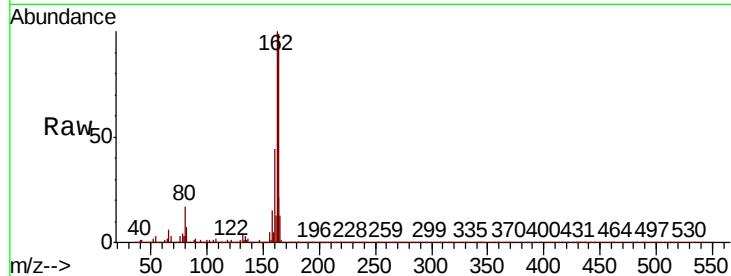
Tot Ion:164 Resp: 828385

Ion Ratio Lower Upper

164 100

162 101.3 81.4 122.0

160 44.8 35.5 53.3

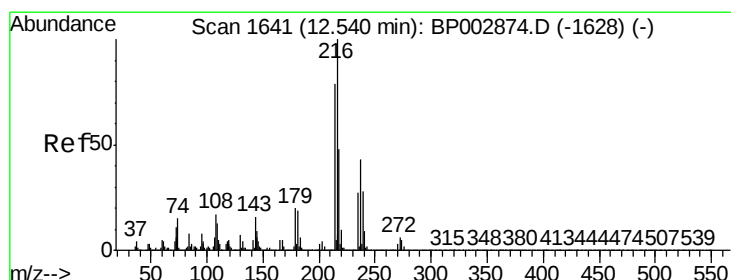
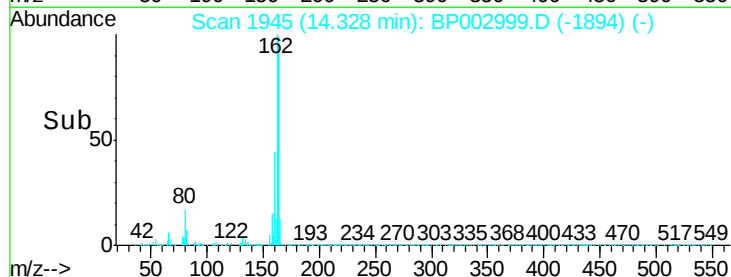
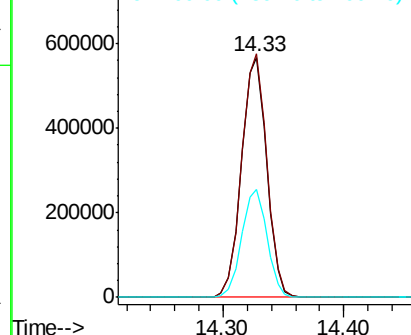


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 26.516 ng

RT: 12.51 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

Tgt Ion:216 Resp: 789750

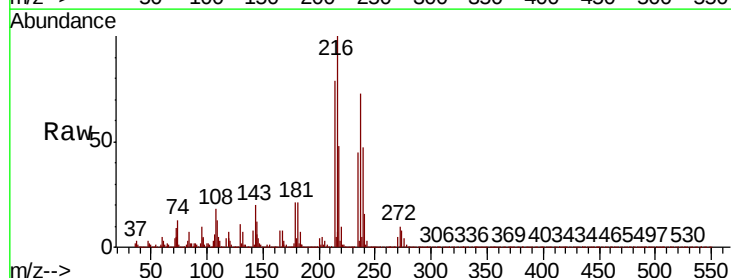
Ion Ratio Lower Upper

216 100

214 78.4 62.6 94.0

179 21.4 17.3 25.9

108 19.4 13.6 20.4



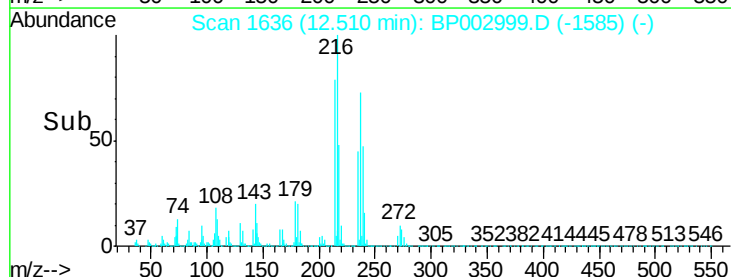
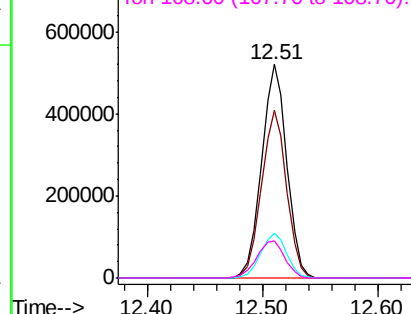
Abundance

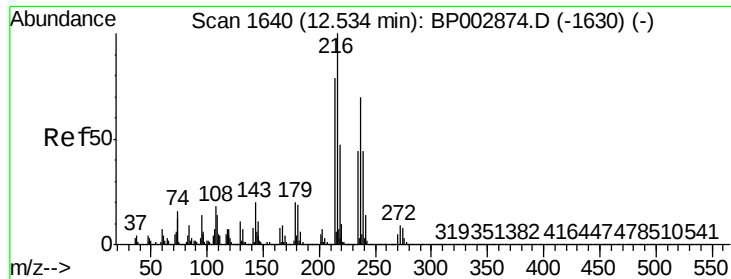
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 67.611 ng

RT: 12.50 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

Instrument :

BNA_P

ClientSampleId :

PB130950BS

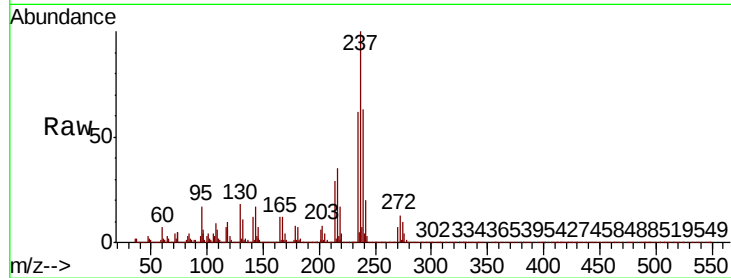
Tot Ion:237 Resp: 1044636

Ion Ratio Lower Upper

237 100

235 62.3 43.8 83.8

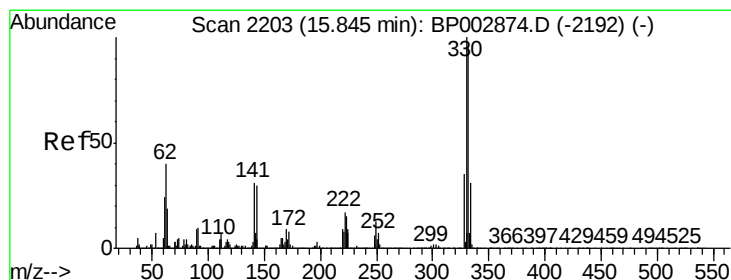
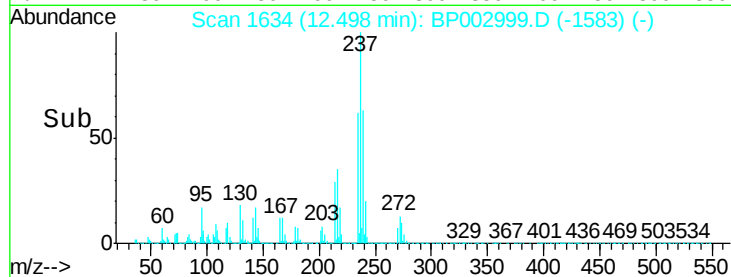
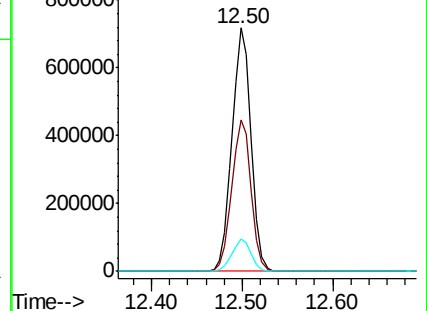
272 13.2 0.0 33.3



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: 90.880 ng

RT: 15.82 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

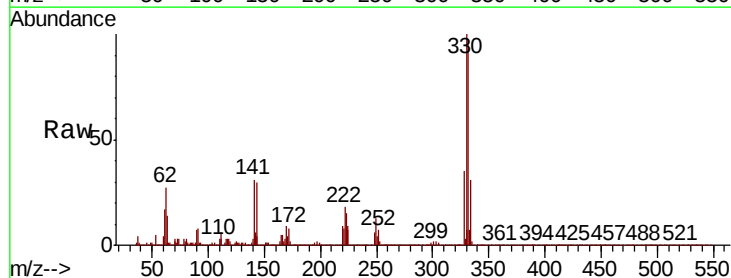
Tgt Ion:330 Resp: 935691

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

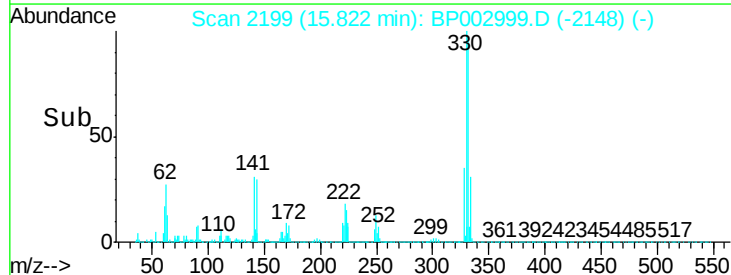
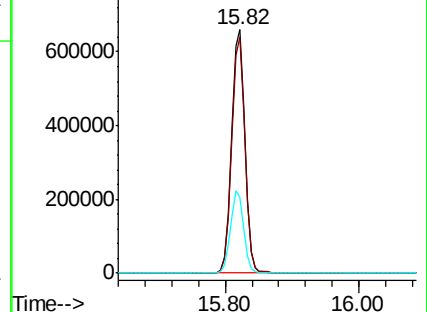
141 33.4 26.7 40.1

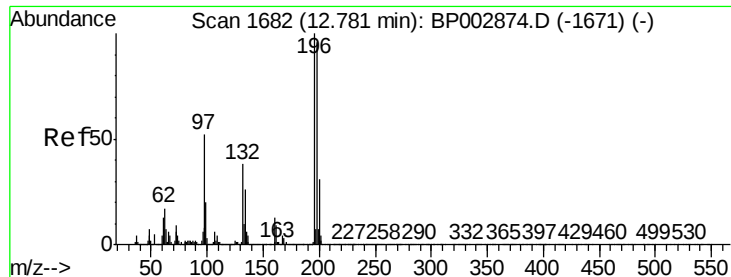


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 31.719 ng

RT: 12.75 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

Instrument :

BNA_P

ClientSampleId :

PB130950BS

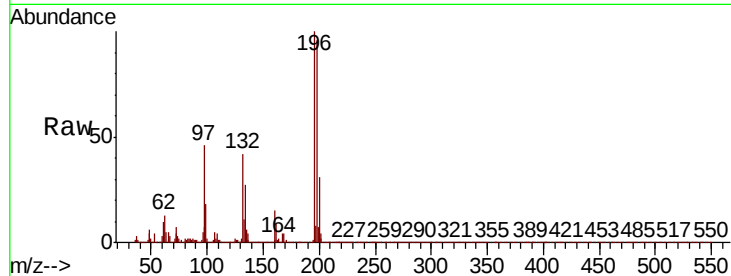
Tot Ion:196 Resp: 547522

Ion Ratio Lower Upper

196 100

198 96.4 76.2 114.2

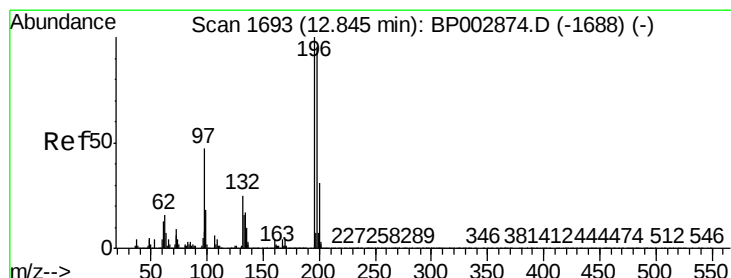
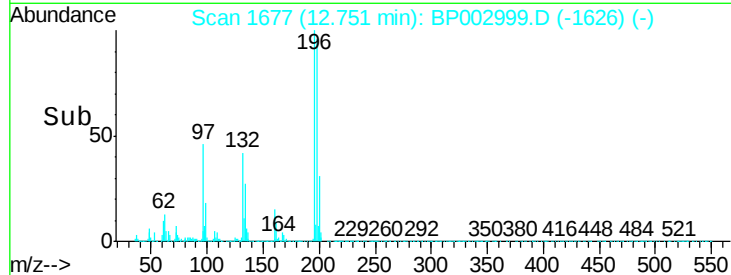
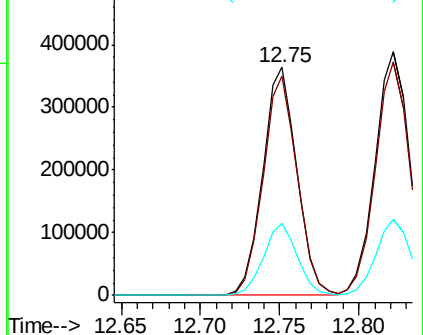
200 31.4 24.6 37.0



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 31.817 ng

RT: 12.82 min Scan# 1689

Delta R.T. -0.00 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

Tgt Ion:196 Resp: 602505

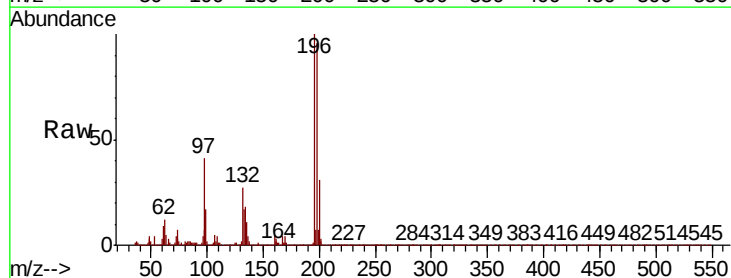
Ion Ratio Lower Upper

196 100

198 96.1 76.8 115.2

97 40.8 33.6 50.4

132 26.7 22.6 33.8

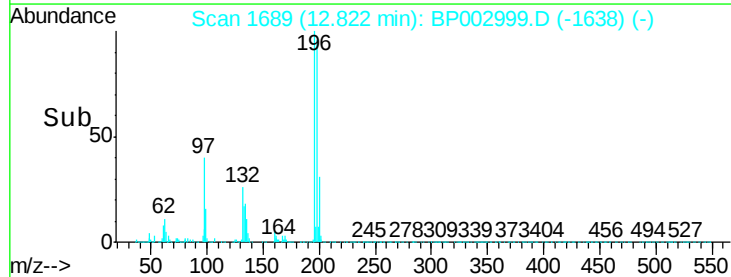
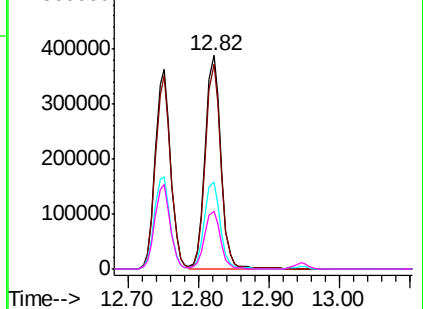


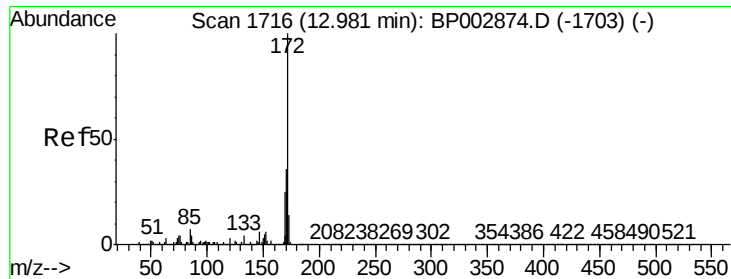
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BP0

Ion 132.00 (131.70 to 132.70): E

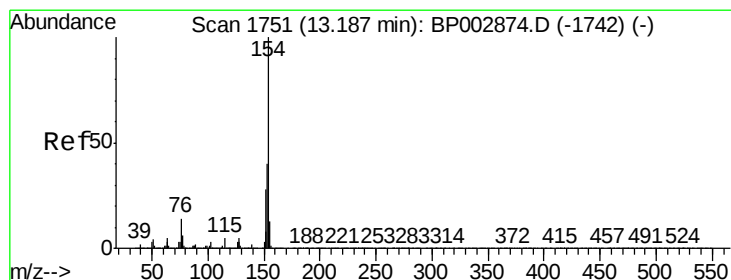
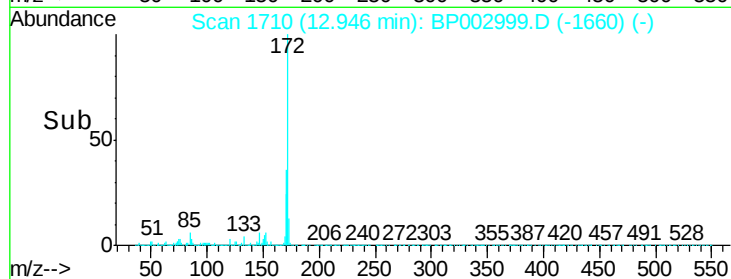
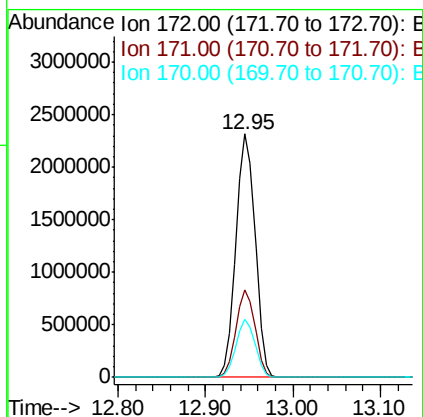
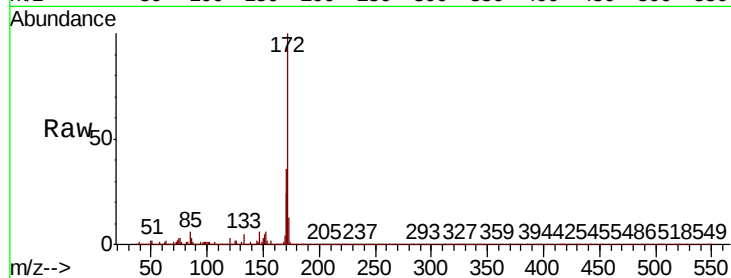




#45
2-Fluorobiphenyl
Concen: 56.519 ng
RT: 12.95 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP002999.D
Acq: 17 Aug 2020 13:05

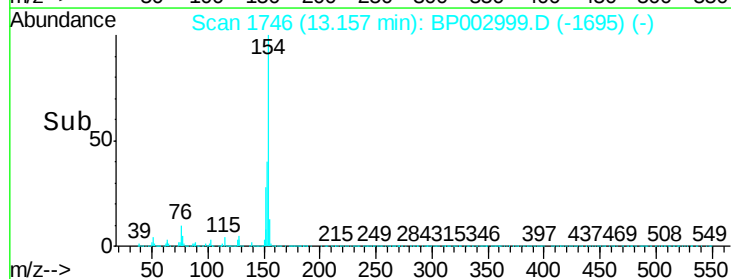
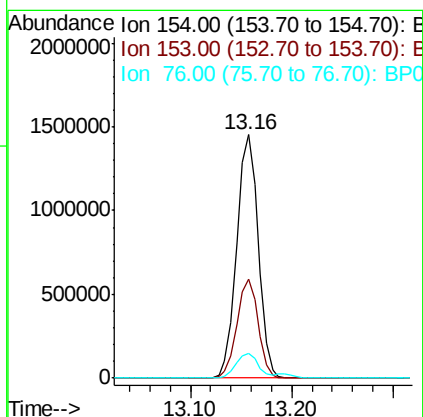
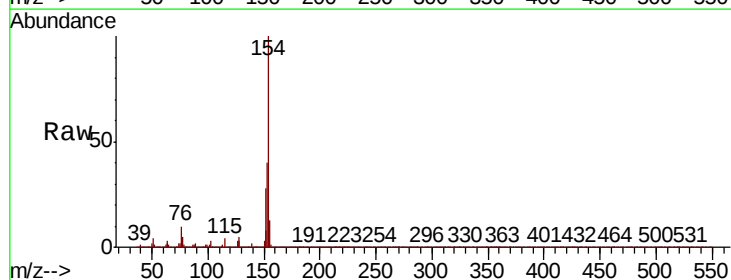
Instrument :
BNA_P
ClientSampleId :
PB130950BS

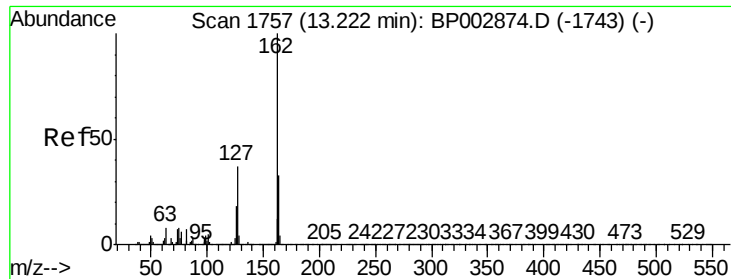
Tot Ion:172 Resp: 3426732
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.4
170 23.7 19.1 28.7



#46
1,1'-Biphenyl
Concen: 31.138 ng
RT: 13.16 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BP002999.D
Acq: 17 Aug 2020 13:05

Tgt Ion:154 Resp: 2132404
Ion Ratio Lower Upper
154 100
153 40.5 20.5 60.5
76 10.4 0.0 30.1

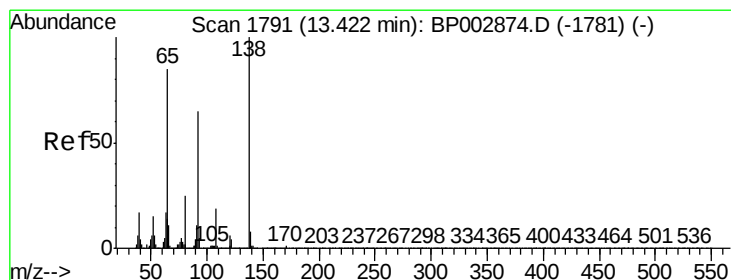
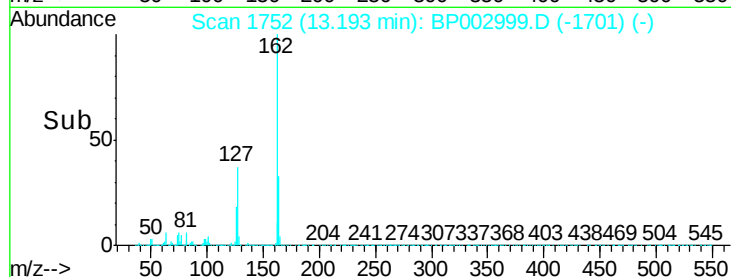
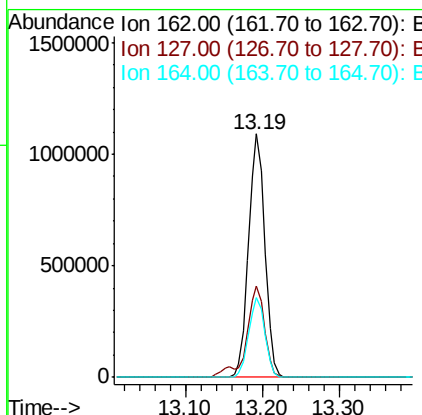
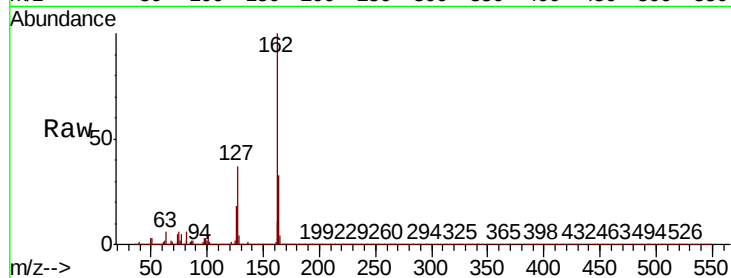




#47
2-Chloronaphthalene
Concen: 30.157 ng
RT: 13.19 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BP002999.D
Acq: 17 Aug 2020 13:05

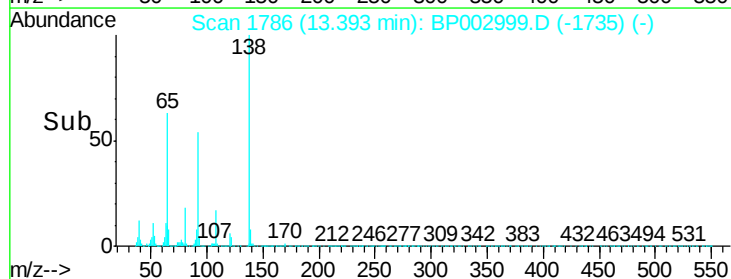
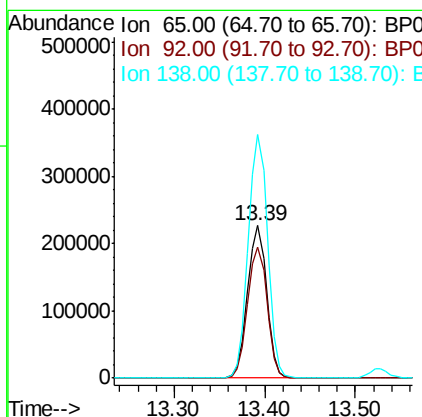
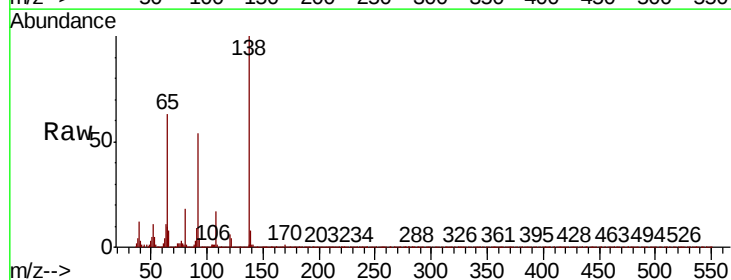
Instrument :
BNA_P
ClientSampleId :
PB130950BS

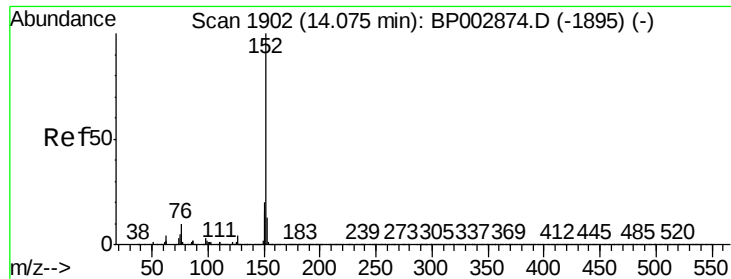
Tot Ion:162 Resp: 1617165
Ion Ratio Lower Upper
162 100
127 37.4 30.6 46.0
164 33.0 26.5 39.7



#48
2-Nitroaniline
Concen: 26.711 ng
RT: 13.39 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BP002999.D
Acq: 17 Aug 2020 13:05

Tgt Ion: 65 Resp: 331591
Ion Ratio Lower Upper
65 100
92 85.6 70.1 105.1
138 159.7 129.7 194.5





#49

Acenaphthylene

Concen: 31.808 ng

RT: 14.05 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

Instrument :

BNA_P

ClientSampleId :

PB130950BS

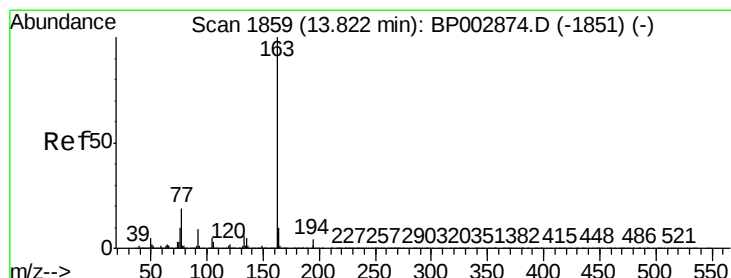
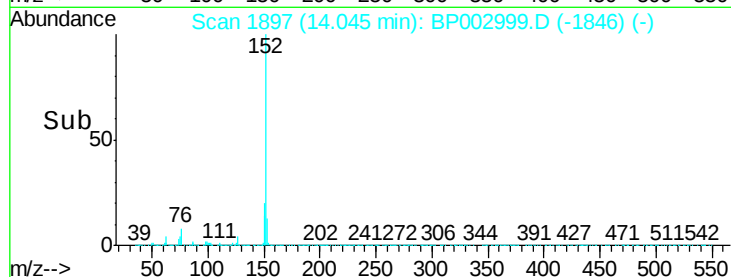
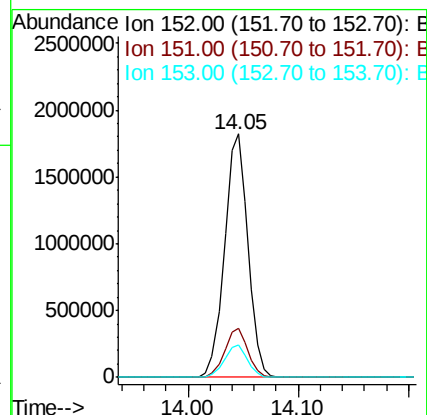
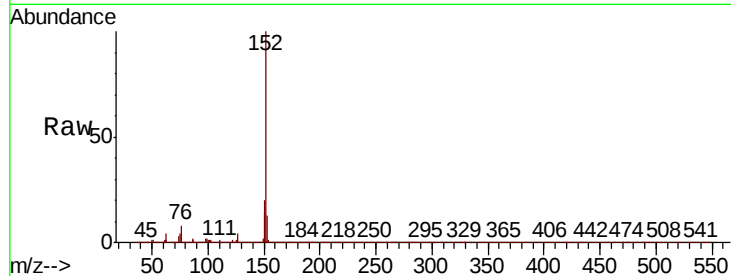
Tot Ion:152 Resp: 2675064

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.5	24.7
153	13.1	10.7	16.1

152 100

151 20.1 16.5 24.7

153 13.1 10.7 16.1



#50

Dimethylphthalate

Concen: 31.507 ng

RT: 13.79 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

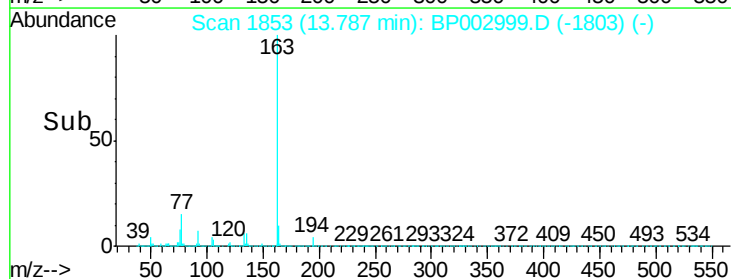
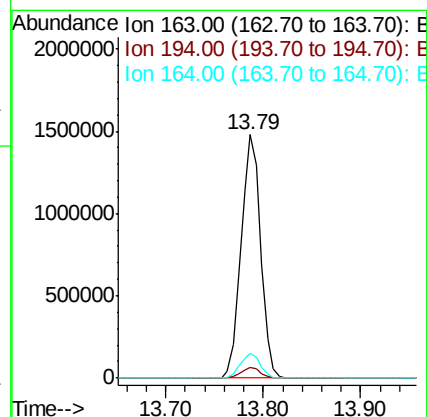
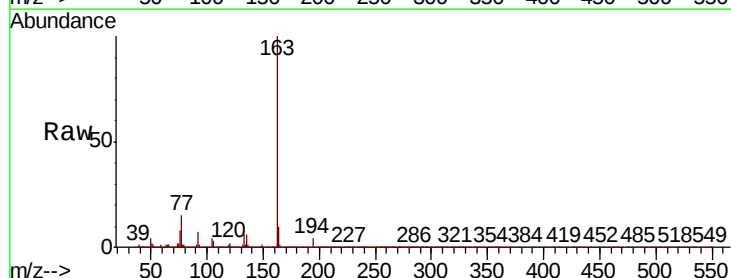
Tgt Ion:163 Resp: 2041355

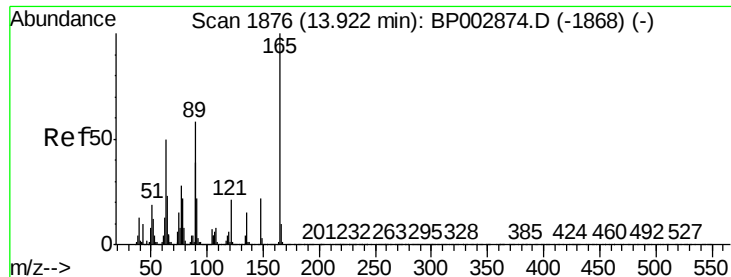
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.2	8.1	12.1

163 100

194 4.2 3.3 4.9

164 10.2 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 31.635 ng

RT: 13.89 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

Instrument :

BNA_P

ClientSampleId :

PB130950BS

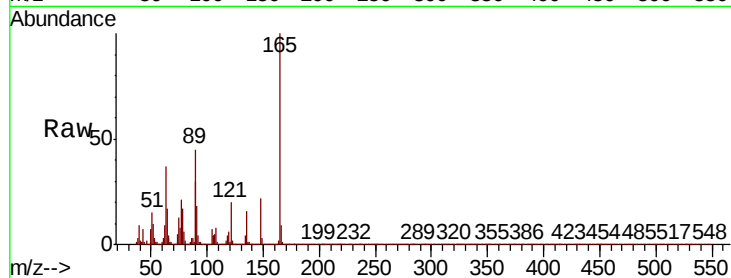
Tot Ion:165 Resp: 446673

Ion Ratio Lower Upper

165 100

63 36.7 28.1 42.1

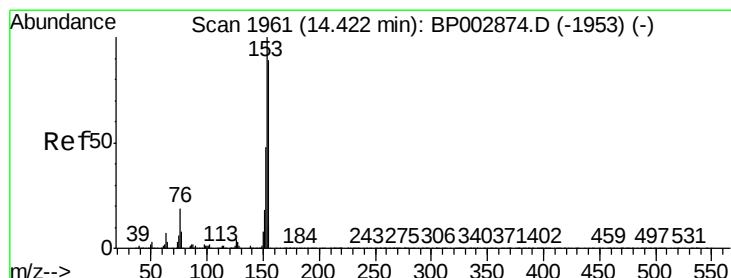
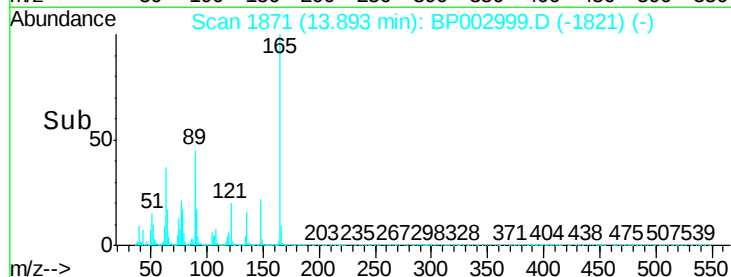
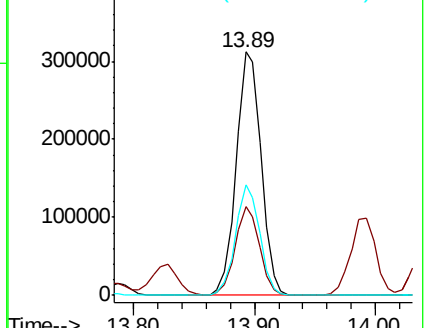
89 45.3 34.5 51.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0



#52

Acenaphthene

Concen: 32.025 ng

RT: 14.39 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

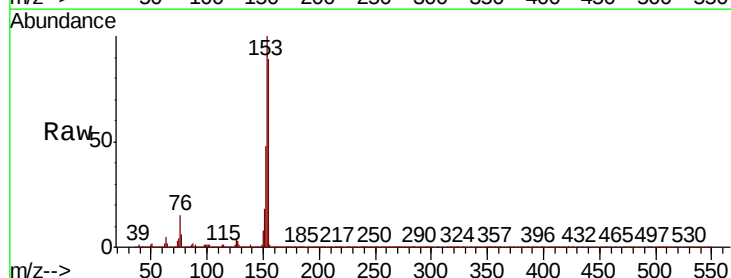
Tgt Ion:154 Resp: 1731071

Ion Ratio Lower Upper

154 100

153 112.2 89.5 134.3

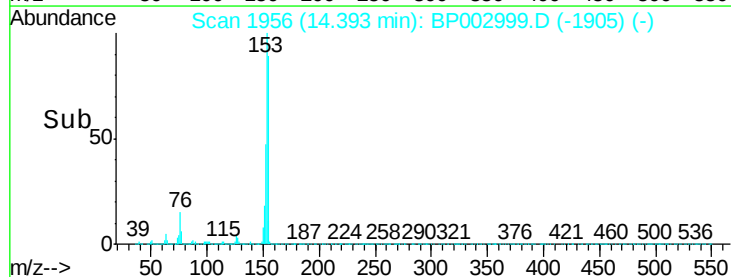
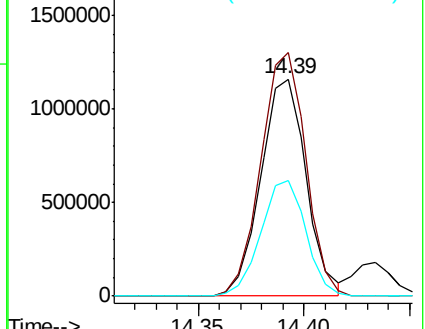
152 53.3 42.7 64.1

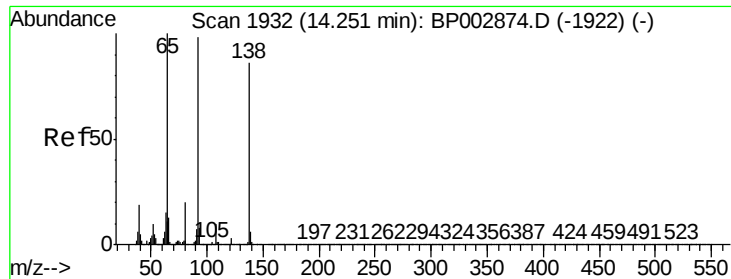


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

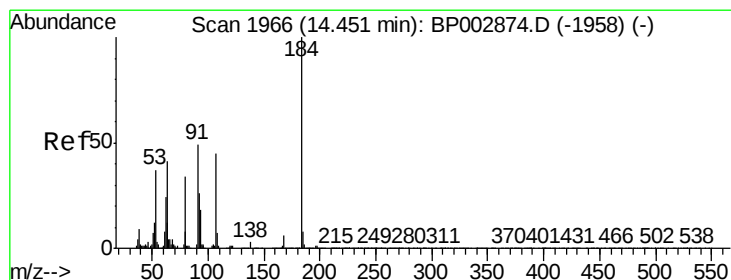
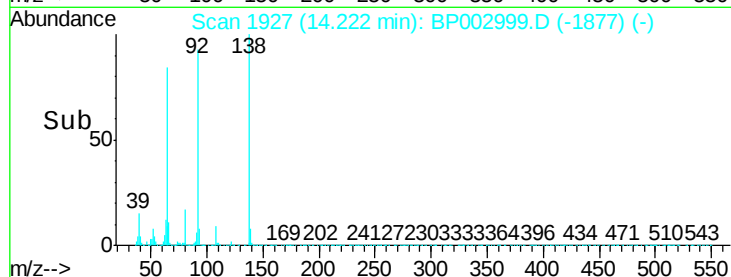
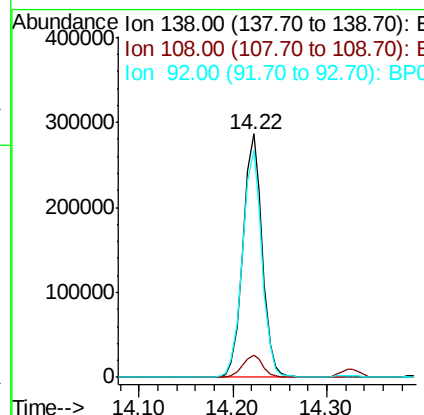
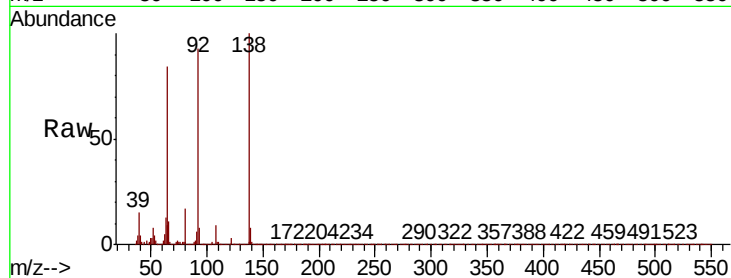




#53
3-Nitroaniline
Concen: 27.906 ng
RT: 14.22 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BP002999.D
Acq: 17 Aug 2020 13:05

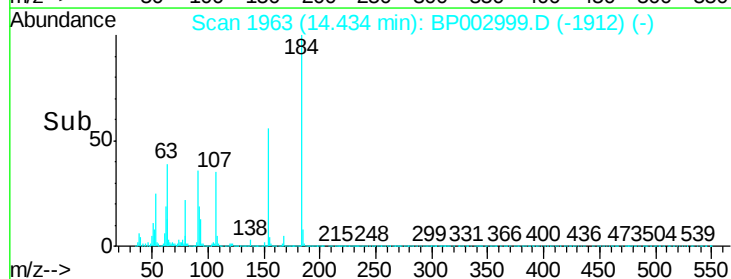
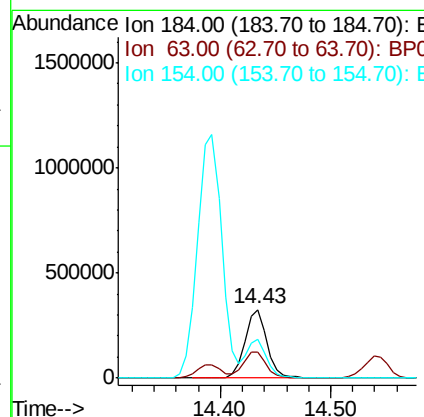
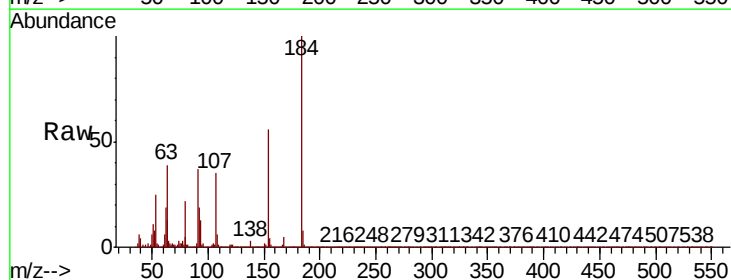
Instrument :
BNA_P
ClientSampleId :
PB130950BS

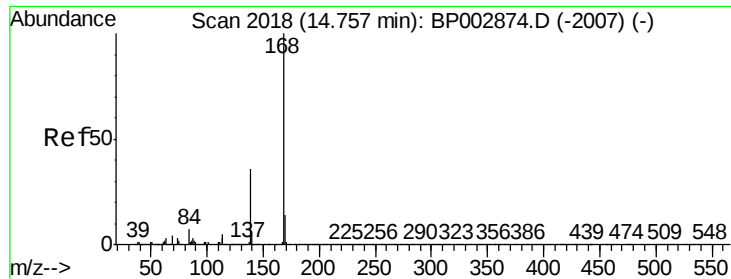
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.3	7.7	11.5
92	93.2	75.6	113.4



#54
2,4-Dinitrophenol
Concen: 75.447 ng
RT: 14.43 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BP002999.D
Acq: 17 Aug 2020 13:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	38.8	33.0	49.6
154	55.8	46.8	70.2

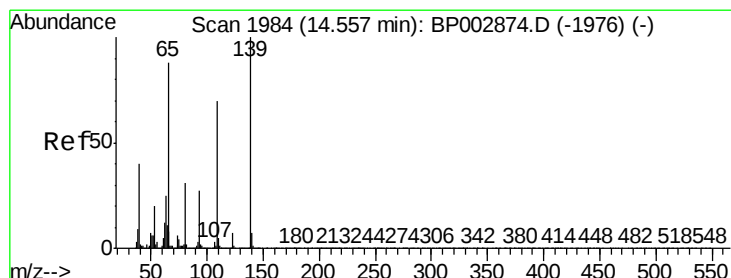
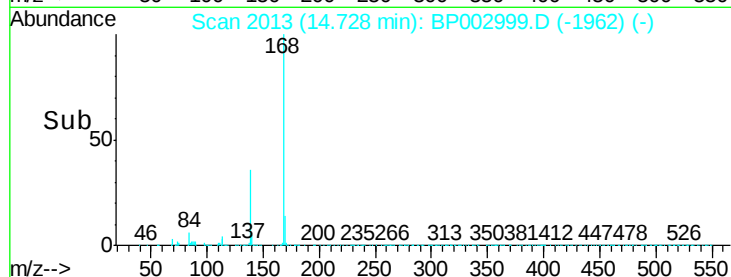
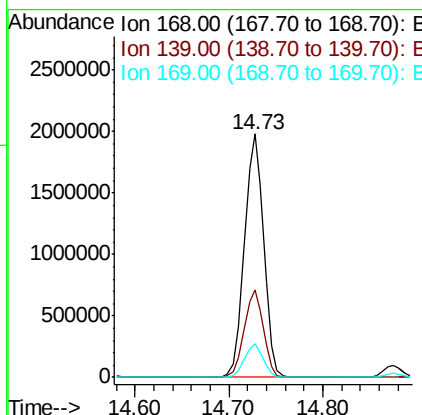
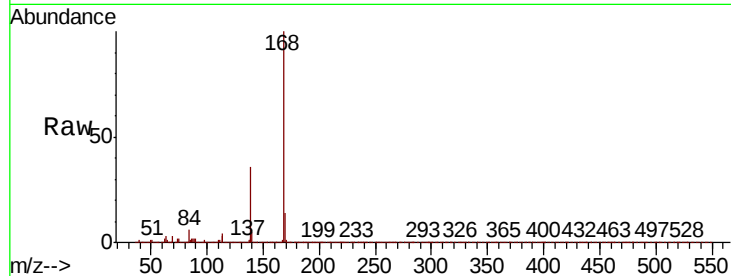




#55
Dibenzofuran
Concen: 33.572 ng
RT: 14.73 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BP002999.D
Acq: 17 Aug 2020 13:05

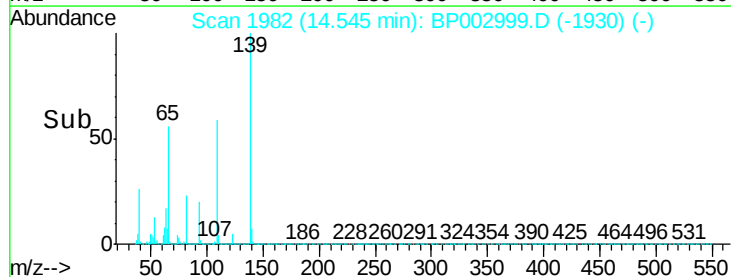
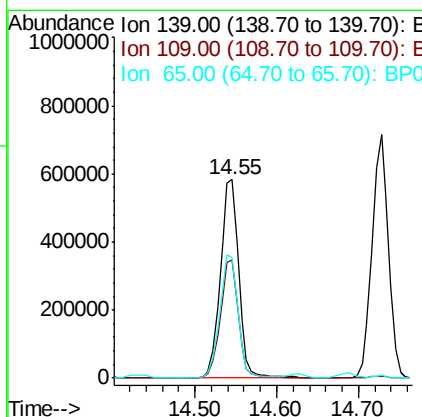
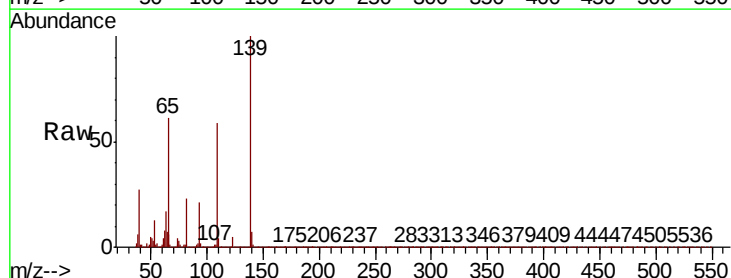
Instrument :
BNA_P
ClientSampleId :
PB130950BS

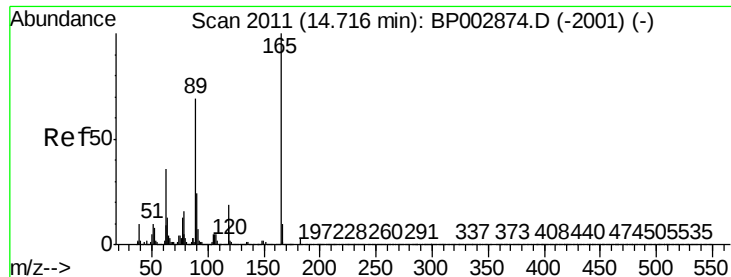
Tot Ion:168 Resp: 2783469
Ion Ratio Lower Upper
168 100
139 36.1 30.4 45.6
169 13.8 11.0 16.4



#56
4-Nitrophenol
Concen: 79.483 ng
RT: 14.55 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BP002999.D
Acq: 17 Aug 2020 13:05

Tgt Ion:139 Resp: 913174
Ion Ratio Lower Upper
139 100
109 59.2 41.1 81.1
65 60.7 44.4 84.4

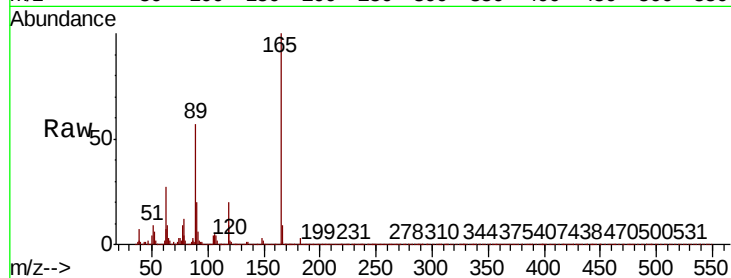




#57
2,4-Dinitrotoluene
Concen: 35.735 ng
RT: 14.69 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BP002999.D
Acq: 17 Aug 2020 13:05

Instrument :
BNA_P
ClientSampleId :
PB130950BS

Tot Ion:165	Resp:	667487
Ion	Ratio	Lower Upper
165	100	
63	27.3	20.6 31.0
89	56.6	43.4 65.0
182	2.8	2.3 3.5

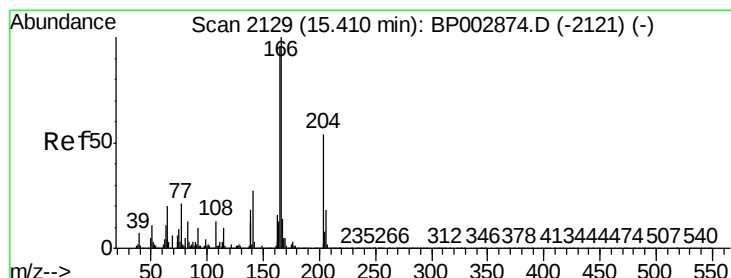
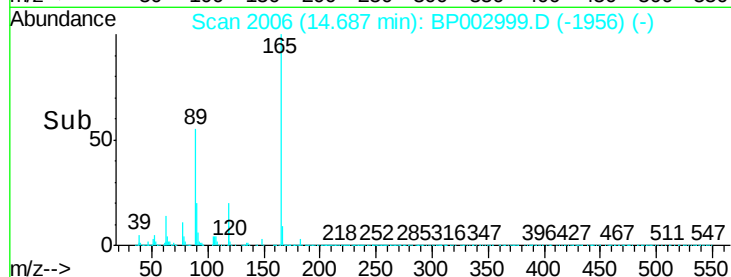
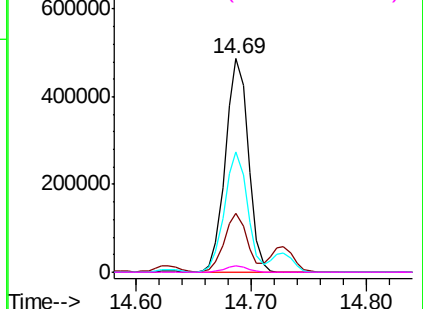


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

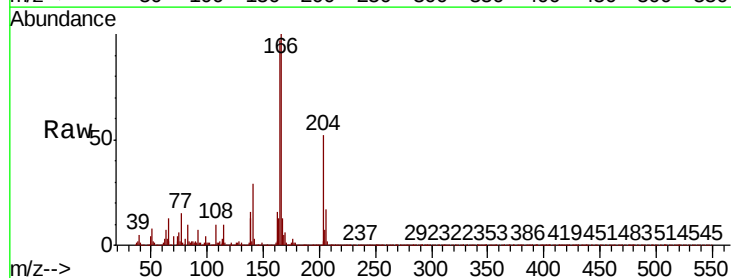
Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 32.849 ng
RT: 15.38 min Scan# 2124
Delta R.T. -0.00 min
Lab File: BP002999.D
Acq: 17 Aug 2020 13:05

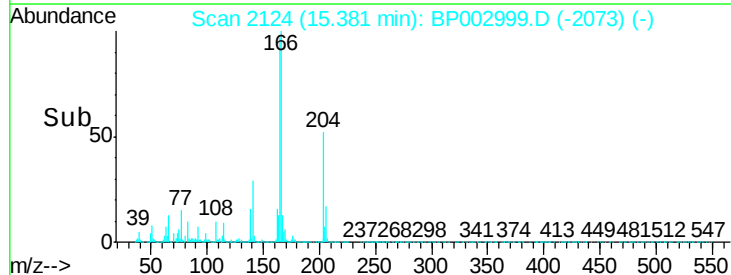
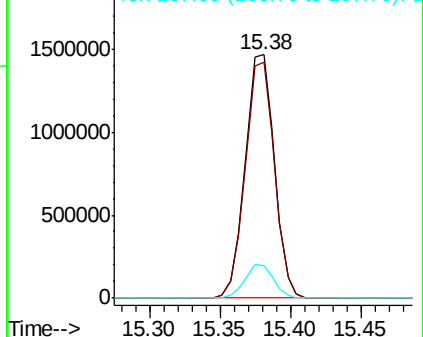
Tgt Ion:166	Resp:	2132402
Ion	Ratio	Lower Upper
166	100	
165	96.9	78.1 117.1
167	13.4	10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

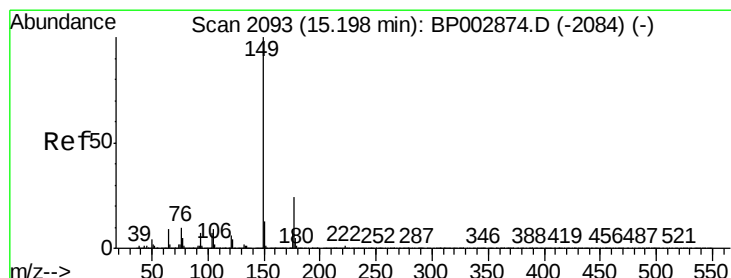
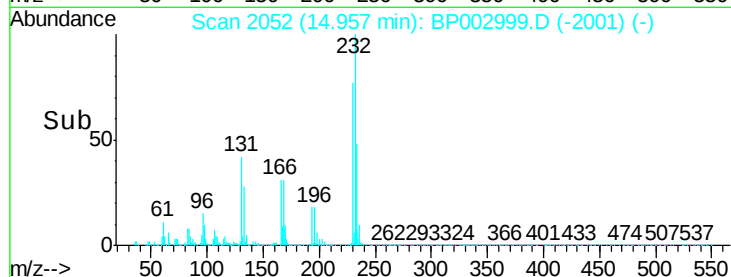
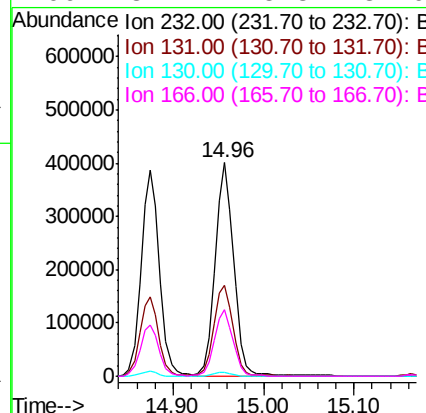
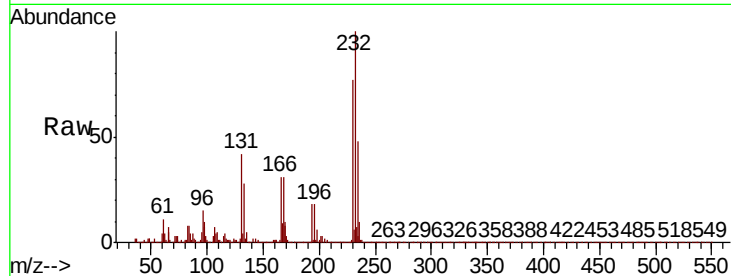




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.989 ng
 RT: 14.96 min Scan# 2052
 Delta R.T. -0.00 min
 Lab File: BP002999.D
 Acq: 17 Aug 2020 13:05

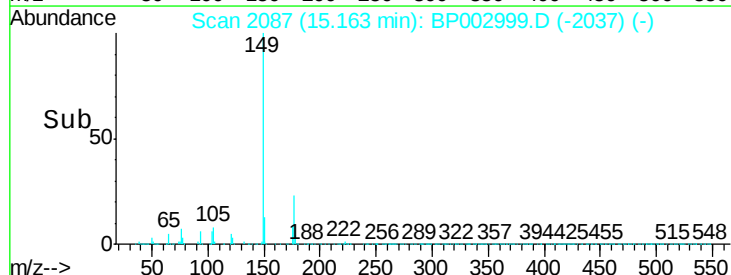
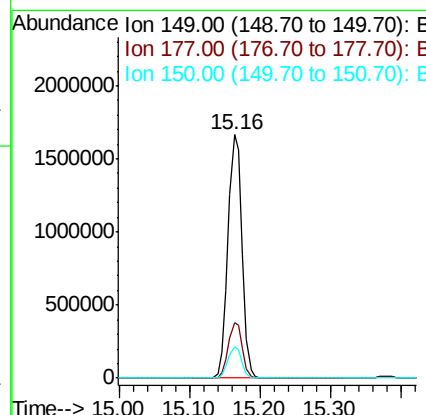
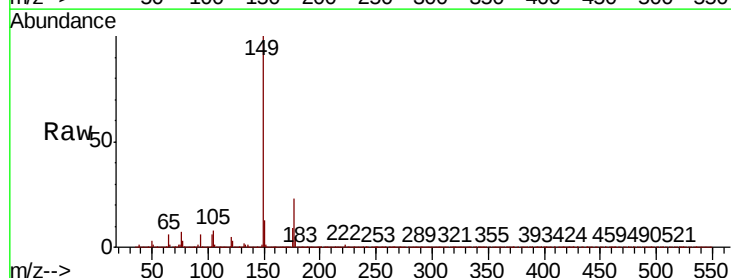
Instrument :
 BNA_P
 ClientSampleId :
 PB130950BS

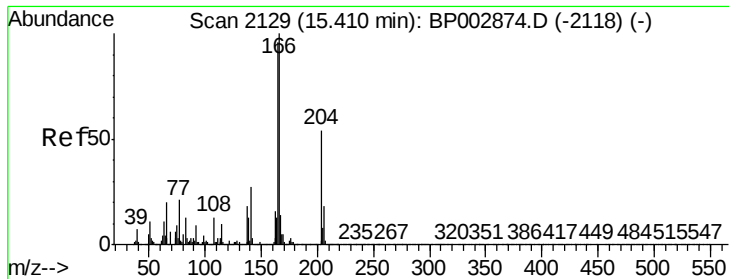
Tot Ion:232	Resp:	568623	
Ion Ratio	Lower	Upper	
232 100			
131 43.8	35.4	53.2	
130 2.1	1.8	2.6	
166 31.4	25.3	37.9	



#60
 Diethylphthalate
 Concen: 36.203 ng
 RT: 15.16 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: BP002999.D
 Acq: 17 Aug 2020 13:05

Tgt Ion:149	Resp: 2292019
Ion Ratio	Lower Upper
149 100	
177 22.8	18.6 27.8
150 12.7	10.2 15.4

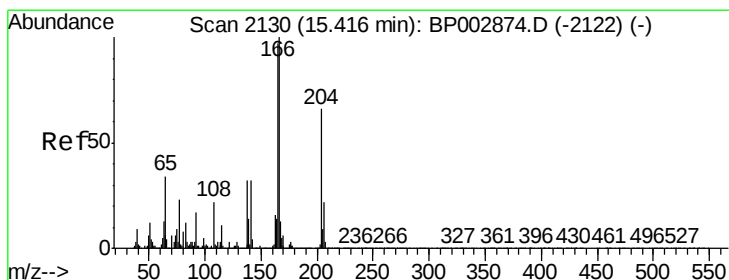
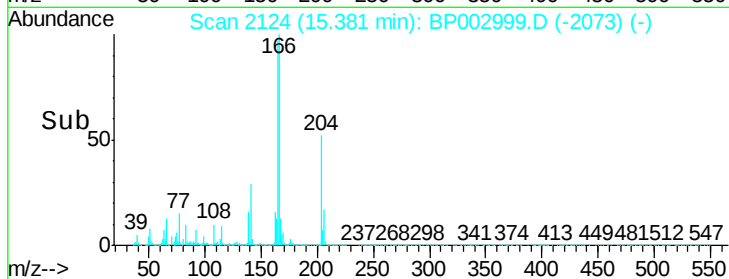
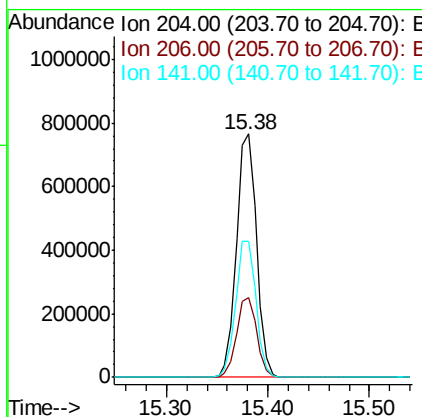
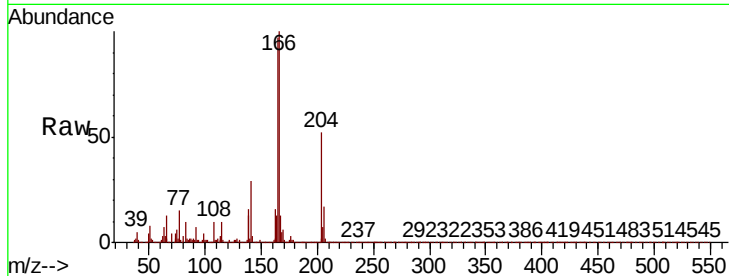




#61
4-Chlorophenyl-phenylether
Concen: 31.478 ng
RT: 15.38 min Scan# 2124
Delta R.T. -0.00 min
Lab File: BP002999.D
Acq: 17 Aug 2020 13:05

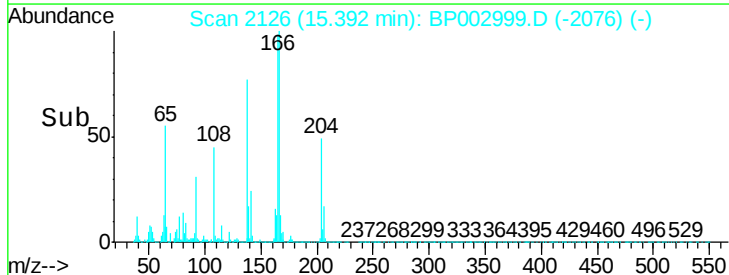
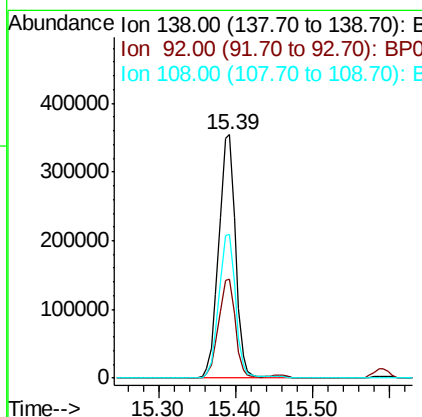
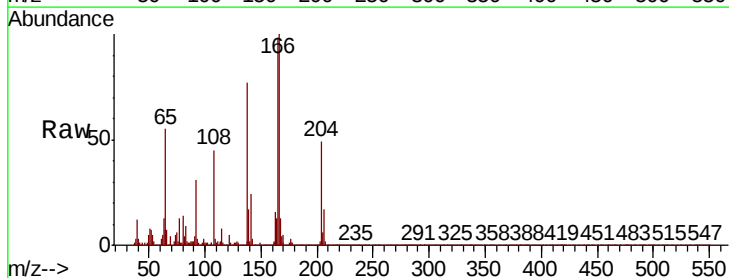
Instrument :
BNA_P
ClientSampleId :
PB130950BS

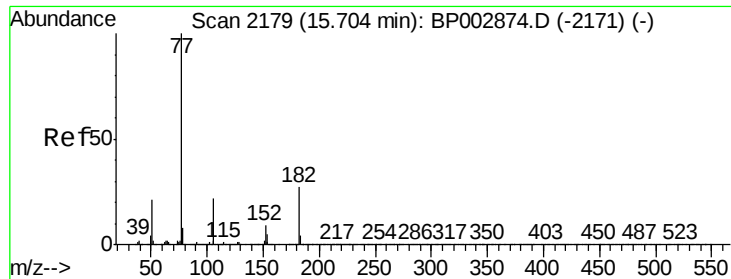
Tot Ion:204 Resp: 1051671
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 56.0 45.9 68.9



#62
4-Nitroaniline
Concen: 36.445 ng
RT: 15.39 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BP002999.D
Acq: 17 Aug 2020 13:05

Tgt Ion:138 Resp: 538730
Ion Ratio Lower Upper
138 100
92 40.5 21.4 61.4
108 59.0 40.8 80.8

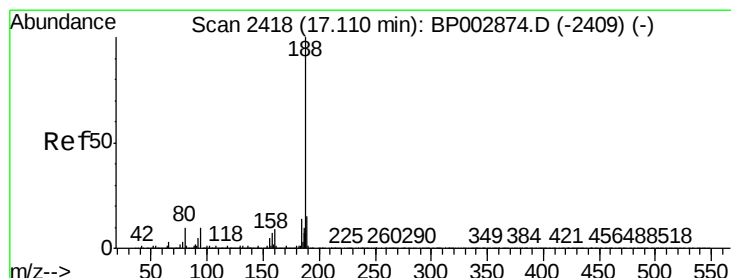
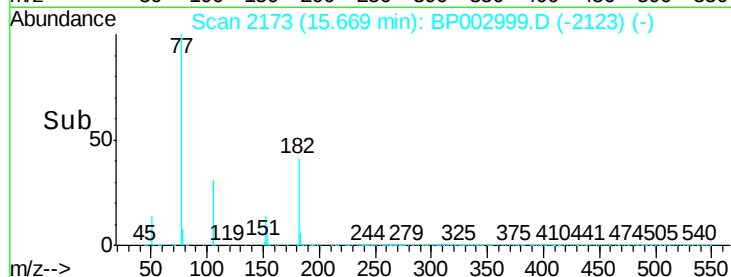
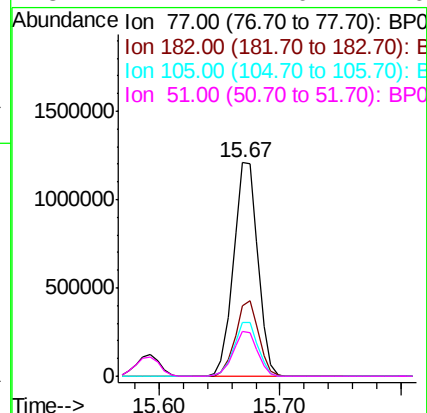
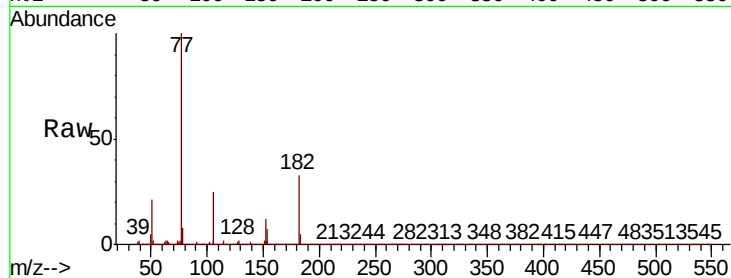




#63
Azobenzene
Concen: 26.440 ng
RT: 15.67 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BP002999.D
Acq: 17 Aug 2020 13:05

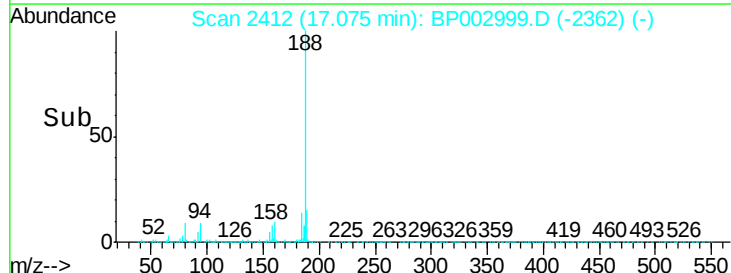
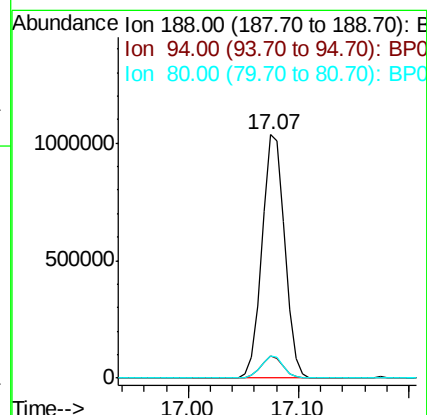
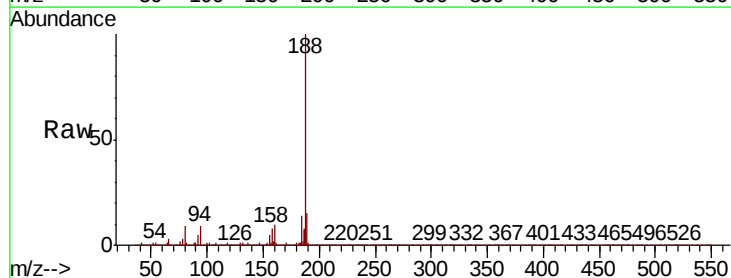
Instrument :
BNA_P
ClientSampleId :
PB130950BS

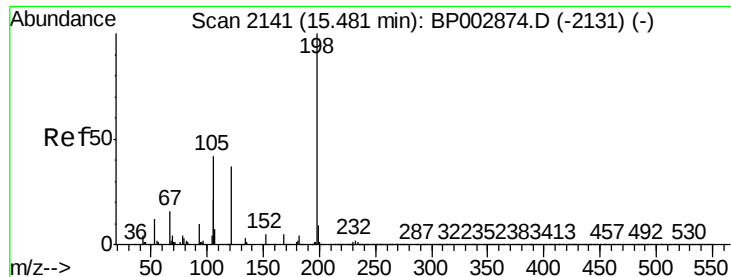
Tot Ion: 77 Resp: 1685161
Ion Ratio Lower Upper
77 100
182 33.2 15.4 55.4
105 25.0 5.8 45.8
51 21.2 1.0 41.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BP002999.D
Acq: 17 Aug 2020 13:05

Tgt Ion: 188 Resp: 1497212
Ion Ratio Lower Upper
188 100
94 9.0 7.1 10.7
80 8.9 6.7 10.1

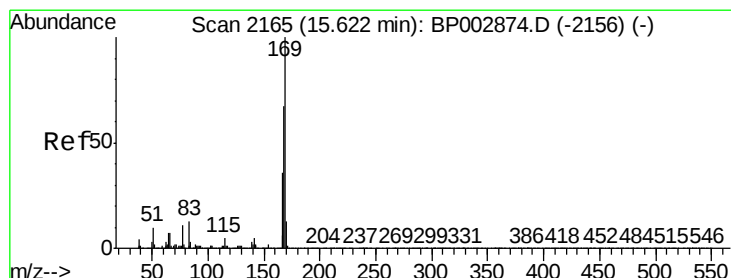
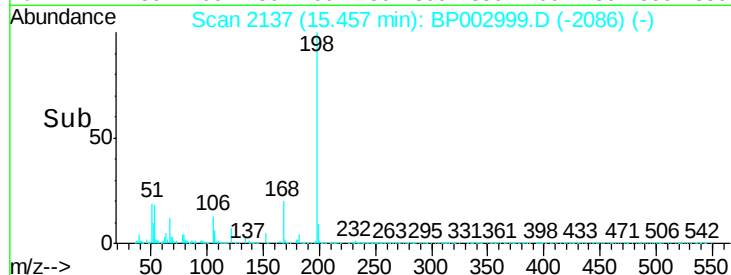
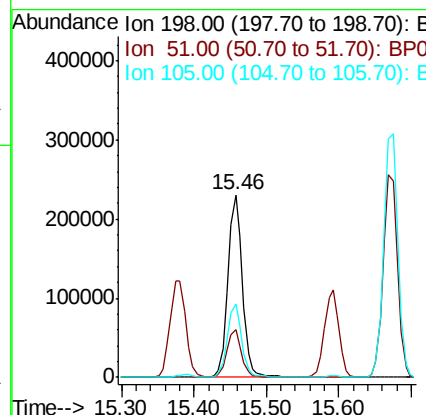
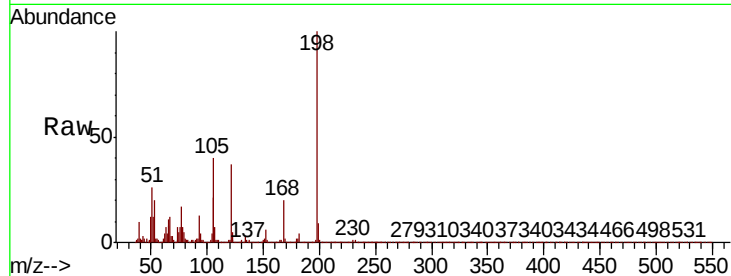




#65
4,6-Dinitro-2-methylphenol
Concen: 42.121 ng
RT: 15.46 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BP002999.D
Acq: 17 Aug 2020 13:05

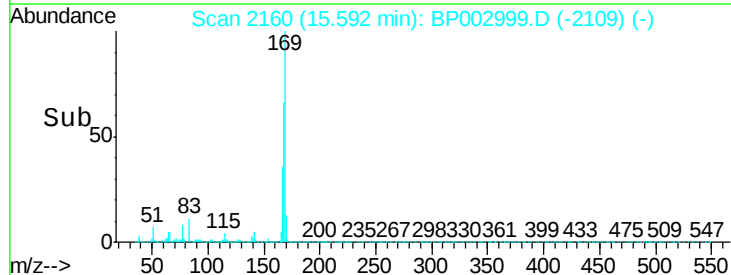
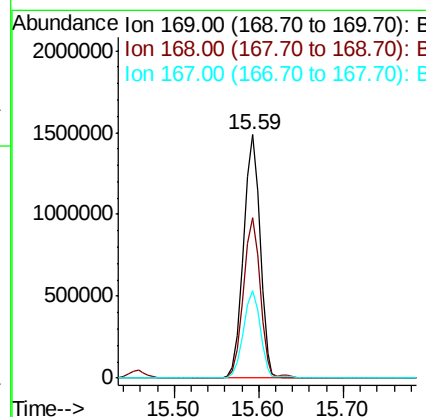
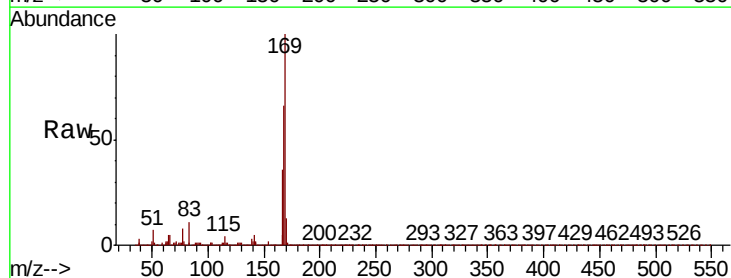
Instrument :
BNA_P
ClientSampleId :
PB130950BS

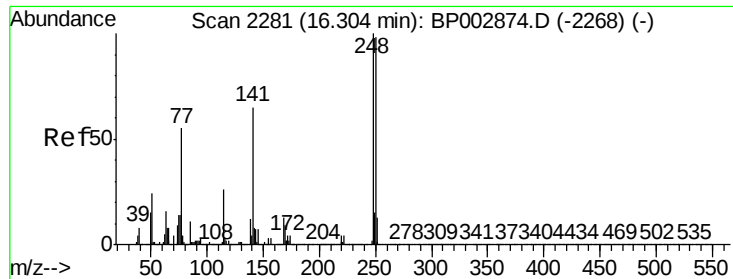
Tot Ion:198 Resp: 320885
Ion Ratio Lower Upper
198 100
51 26.0 6.2 46.2
105 40.3 19.9 59.9



#66
n-Nitrosodiphenylamine
Concen: 40.043 ng
RT: 15.59 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BP002999.D
Acq: 17 Aug 2020 13:05

Tgt Ion:169 Resp: 1985588
Ion Ratio Lower Upper
169 100
168 66.0 53.4 80.2
167 36.2 28.8 43.2

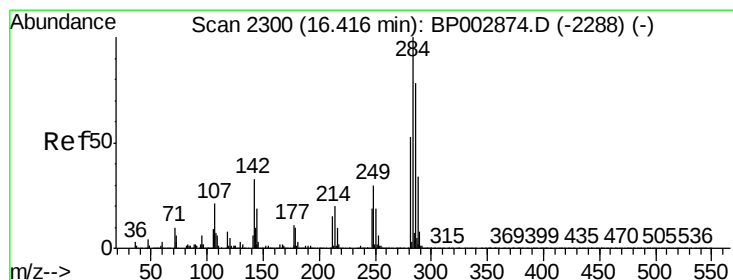
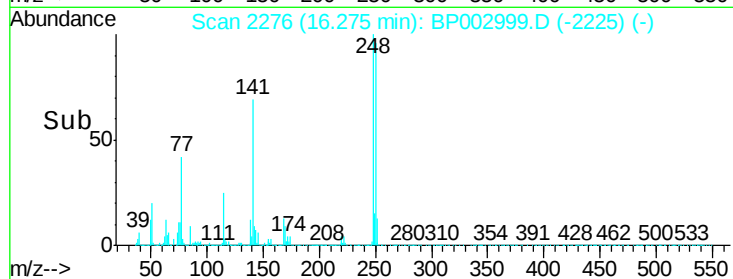
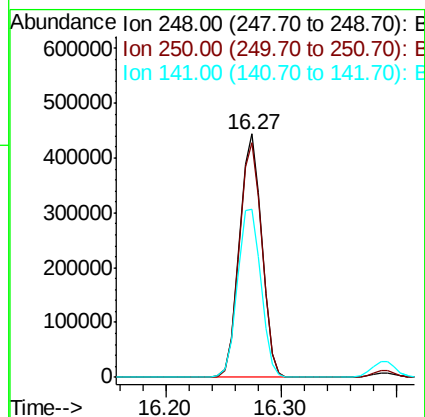
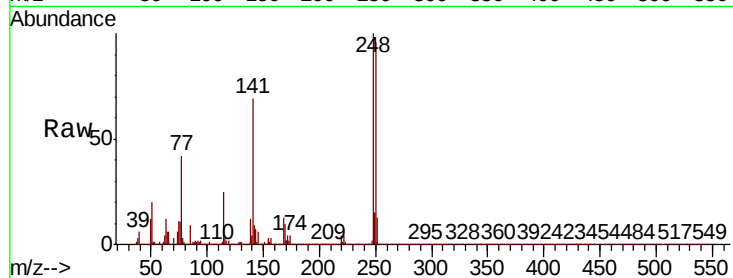




#67
4-Bromophenyl-phenylether
Concen: 32.539 ng
RT: 16.27 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BP002999.D
Acq: 17 Aug 2020 13:05

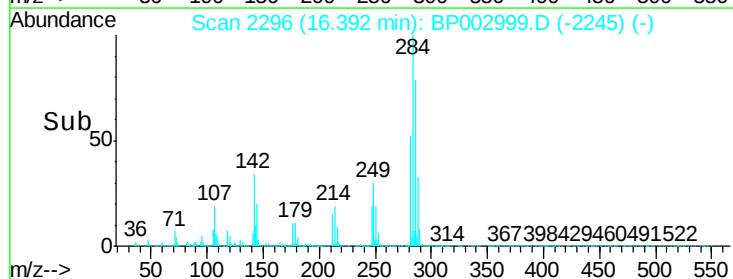
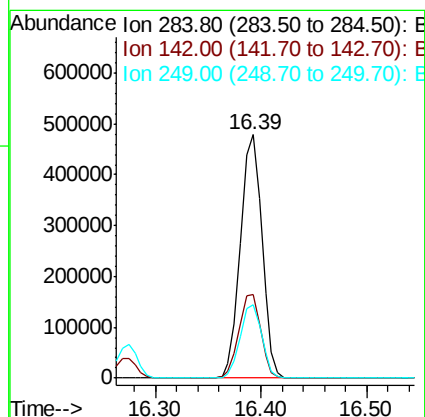
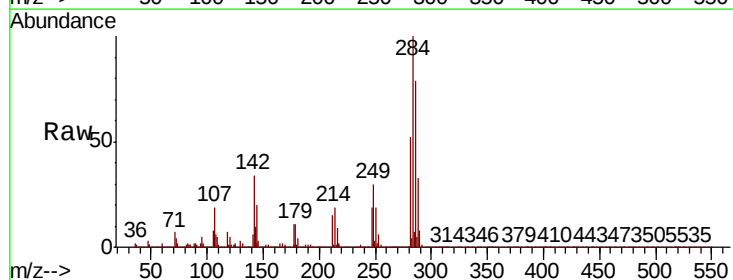
Instrument :
BNA_P
ClientSampleId :
PB130950BS

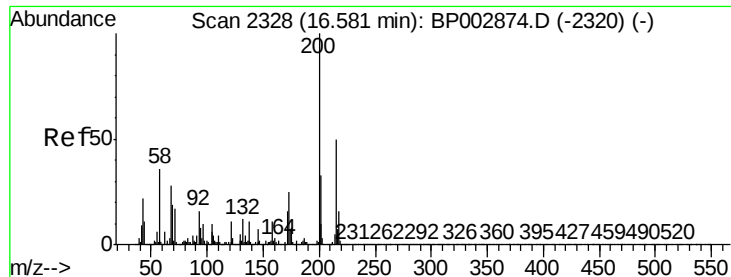
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	78.7	118.1
141	69.1	57.8	86.6



#68
Hexachlorobenzene
Concen: 31.959 ng
RT: 16.39 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BP002999.D
Acq: 17 Aug 2020 13:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.2	27.6	41.4
249	30.4	24.6	37.0





#69

Atrazine

Concen: 31.565 ng

RT: 16.55 min Scan# 2323

Delta R.T. -0.00 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

Instrument :

BNA_P

ClientSampleId :

PB130950BS

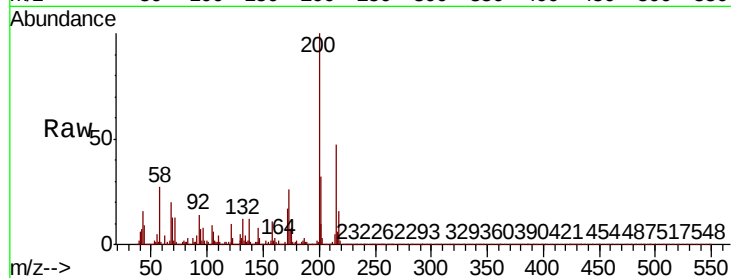
Tot Ion:200 Resp: 530284

Ion Ratio Lower Upper

200 100

173 26.3 7.5 47.5

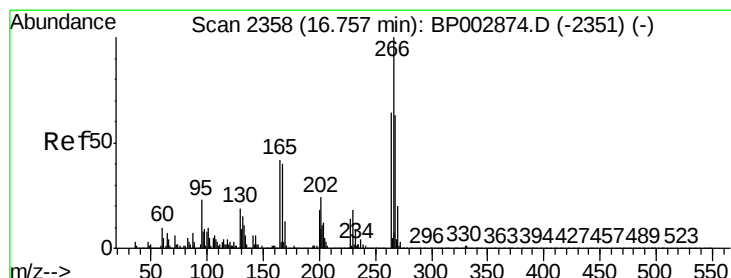
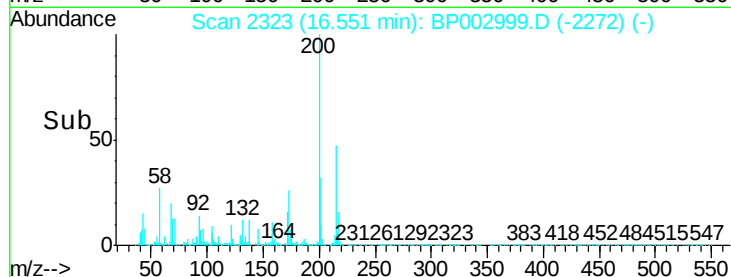
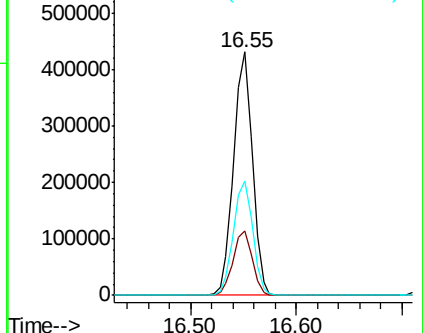
215 47.0 27.6 67.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 76.560 ng

RT: 16.73 min Scan# 2354

Delta R.T. -0.00 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

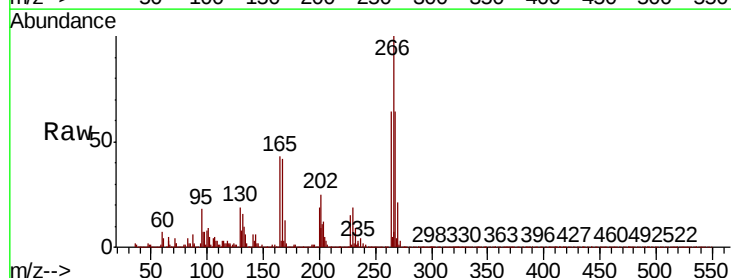
Tgt Ion:266 Resp: 836440

Ion Ratio Lower Upper

266 100

268 64.1 50.9 76.3

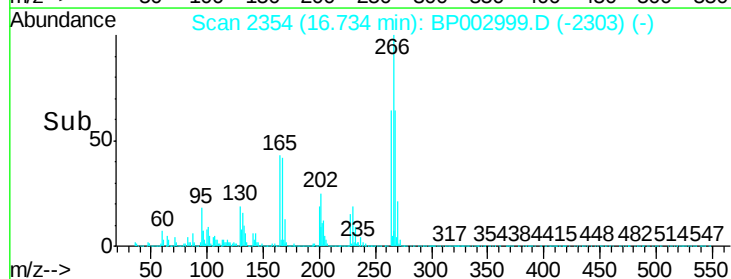
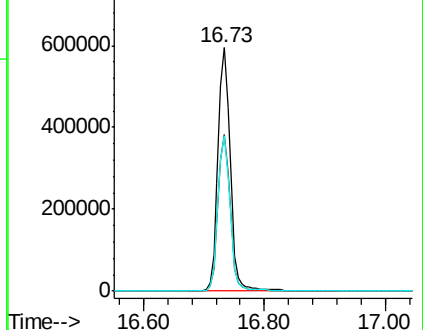
264 63.9 50.4 75.6

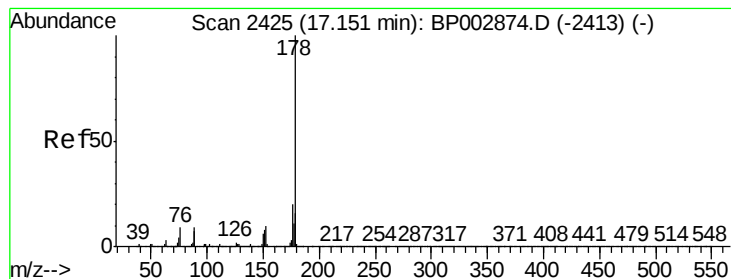


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 34.626 ng

RT: 17.12 min Scan# 2420

Delta R.T. -0.00 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

Instrument :

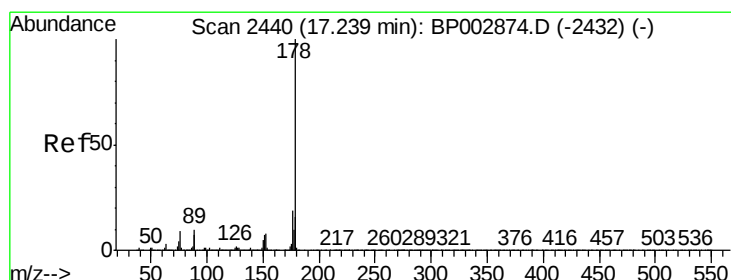
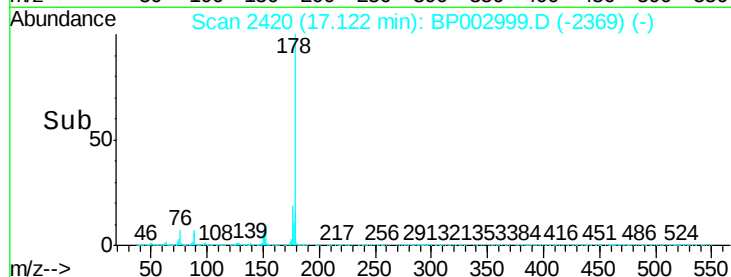
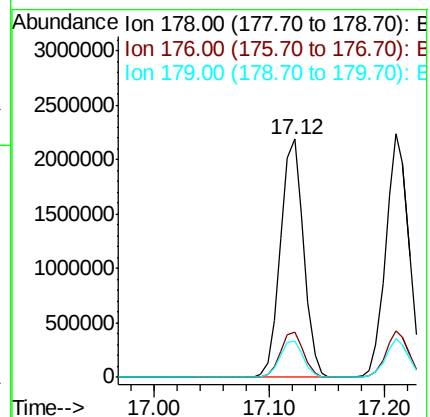
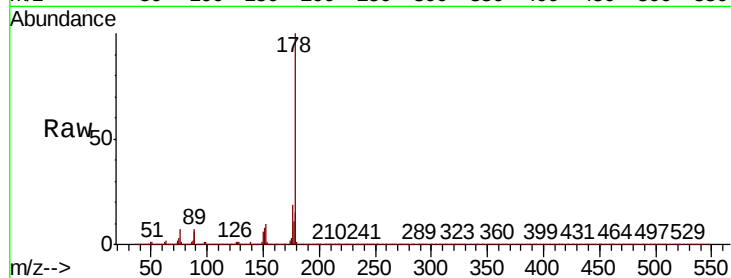
BNA_P

ClientSampleId :

PB130950BS

Tot Ion:178 Resp: 3039991

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.5	12.9	19.3



#72

Anthracene

Concen: 36.030 ng

RT: 17.21 min Scan# 2435

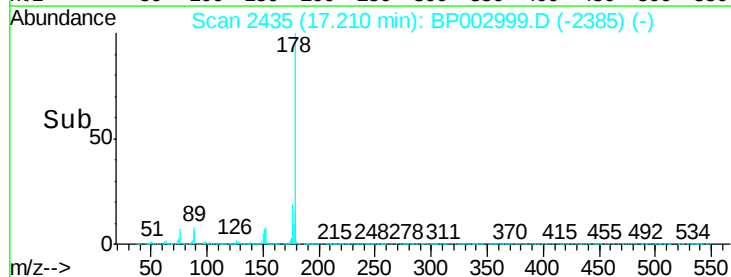
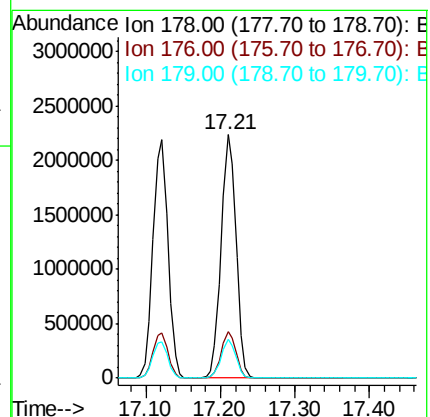
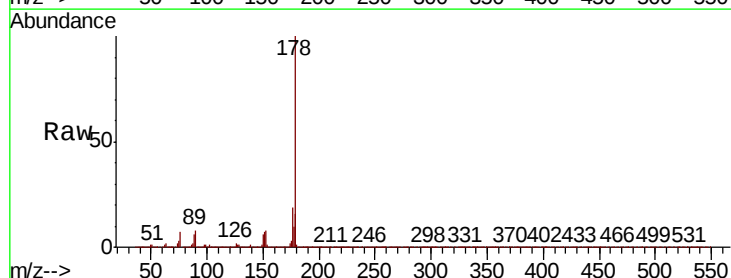
Delta R.T. -0.01 min

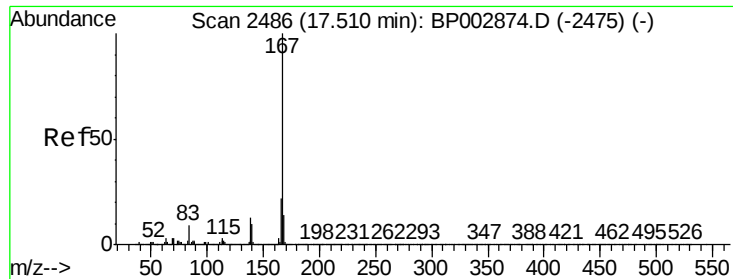
Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

Tgt Ion:178 Resp: 3091652

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	16.0	12.7	19.1





#73

Carbazole

Concen: 34.344 ng

RT: 17.48 min Scan# 2481

Delta R.T. -0.00 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

Instrument :

BNA_P

ClientSampleId :

PB130950BS

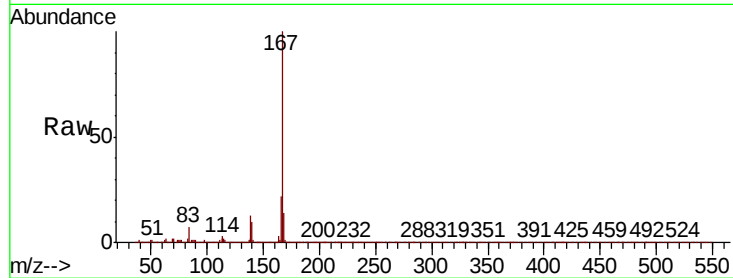
Tot Ion:167 Resp: 2878049

Ion Ratio Lower Upper

167 100

166 22.0 17.5 26.3

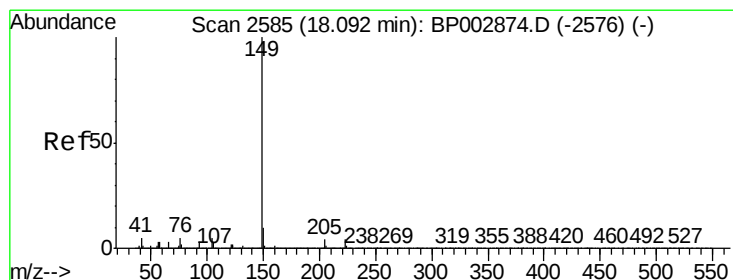
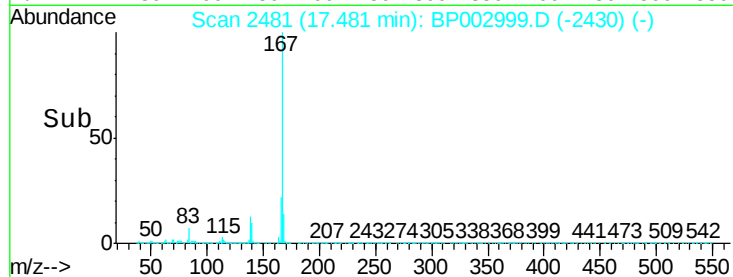
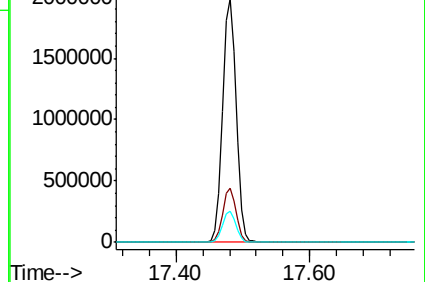
139 12.9 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.938 ng

RT: 18.06 min Scan# 2579

Delta R.T. -0.00 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

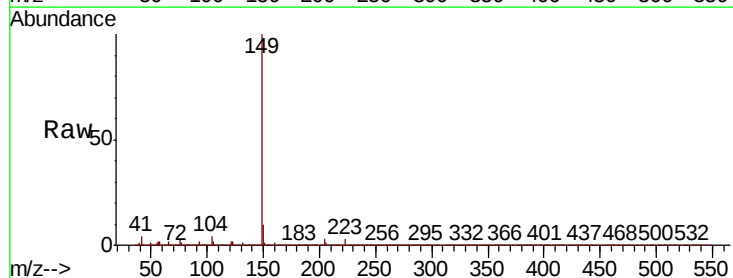
Tgt Ion:149 Resp: 3520664

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

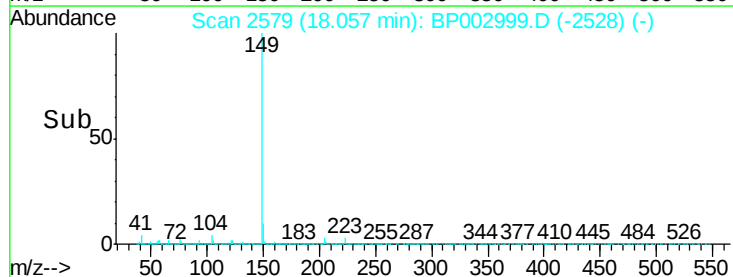
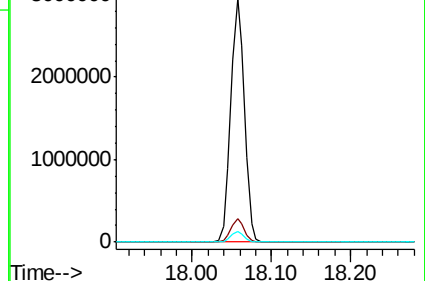
104 4.3 3.5 5.3

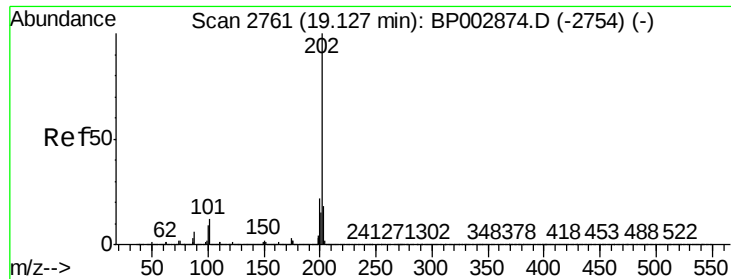


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 34.626 ng

RT: 19.10 min Scan# 2756

Delta R.T. -0.00 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

Instrument :

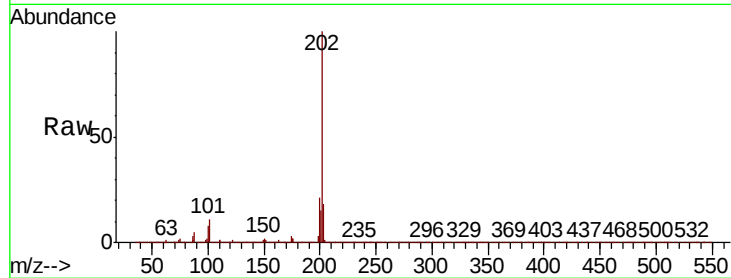
BNA_P

ClientSampleId :

PB130950BS

Tot Ion:202 Resp: 3502585

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.2
203	18.0	0.0	38.4

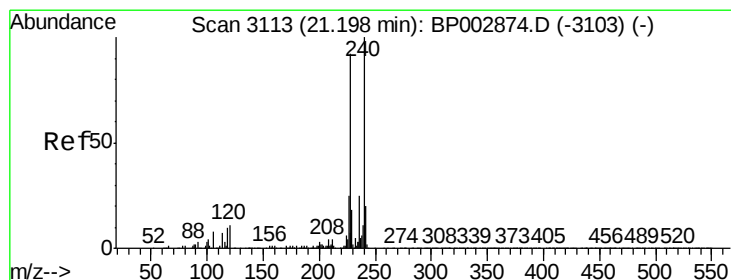
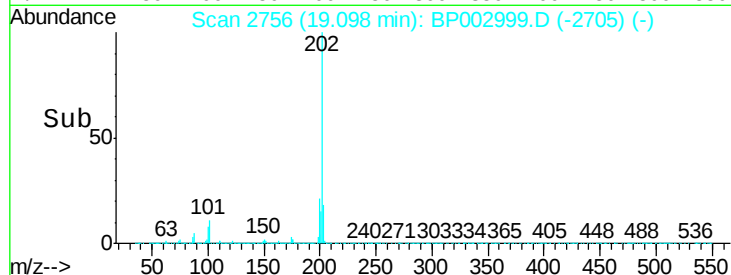
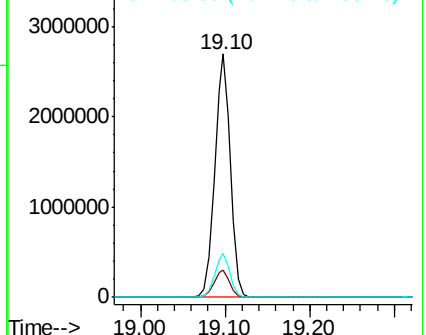


Abundance

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: 21.17 min Scan# 3108

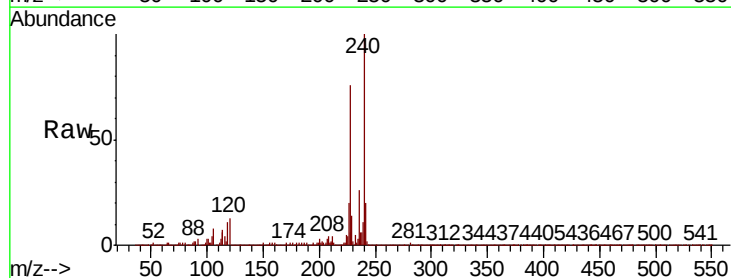
Delta R.T. -0.01 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

Tgt Ion:240 Resp: 1540572

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.5	14.3
236	26.2	20.8	31.2

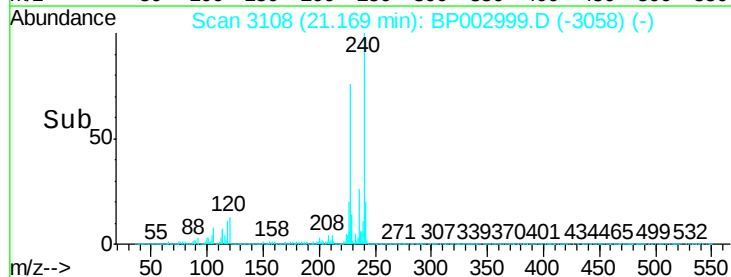
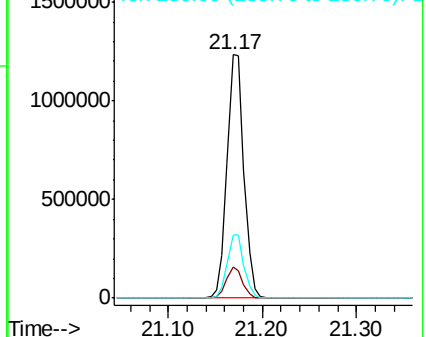


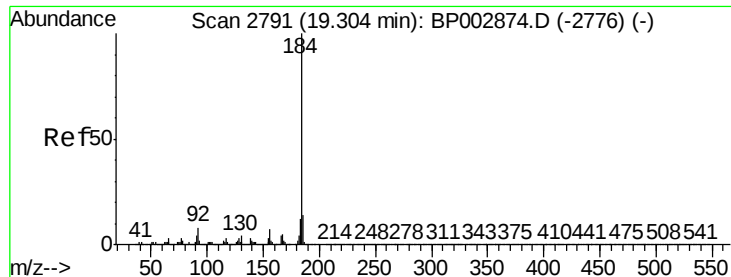
Abundance

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: 48.740 ng

RT: 19.27 min Scan# 2786

Delta R.T. -0.00 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

Instrument :

BNA_P

ClientSampleId :

PB130950BS

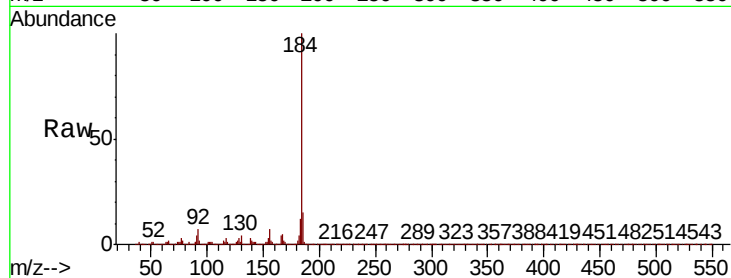
Tot Ion:184 Resp: 2289692

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.5	17.3
183	11.9	9.4	14.0

184 100

185 14.6 11.5 17.3

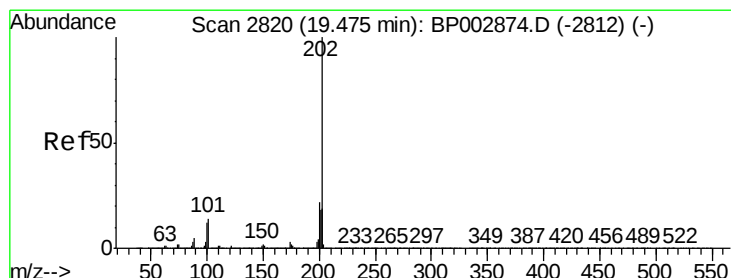
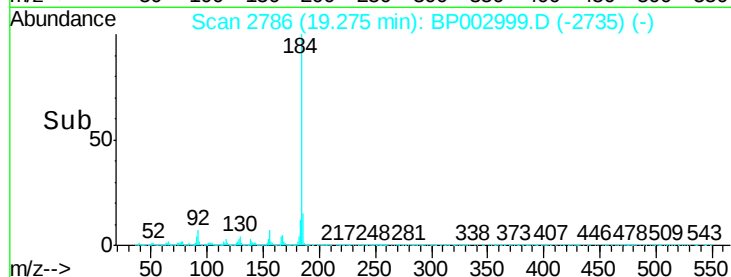
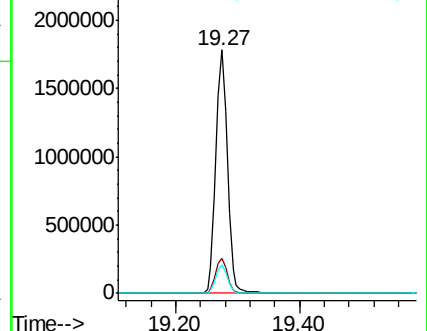
183 11.9 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 32.978 ng

RT: 19.45 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

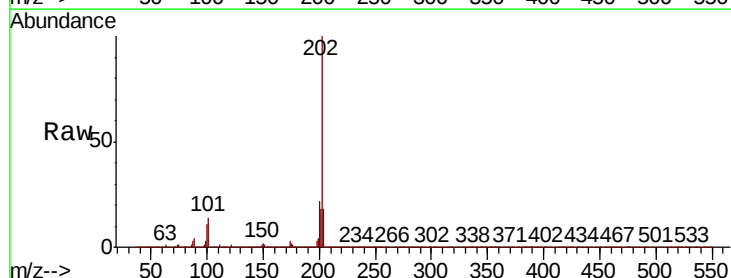
Tgt Ion:202 Resp: 3551642

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.8	26.6
203	18.2	14.6	22.0

202 100

200 21.5 17.8 26.6

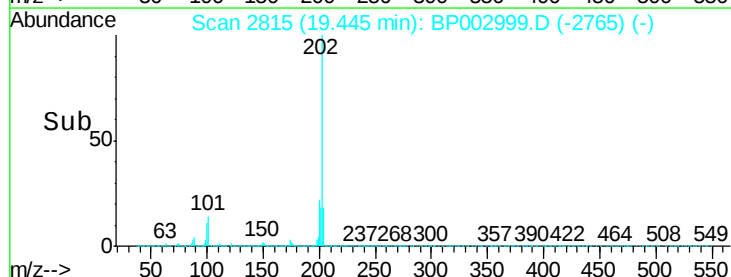
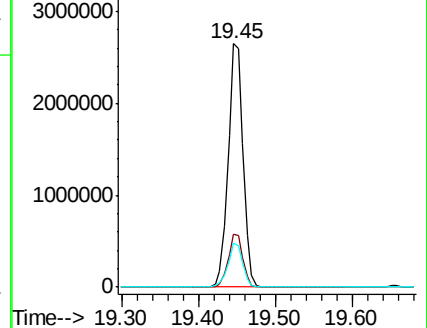
203 18.2 14.6 22.0

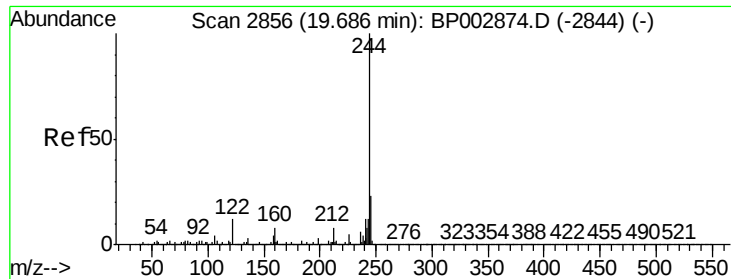


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 56.274 ng

RT: 19.66 min Scan# 2851

Delta R.T. -0.00 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

Instrument :

BNA_P

ClientSampleId :

PB130950BS

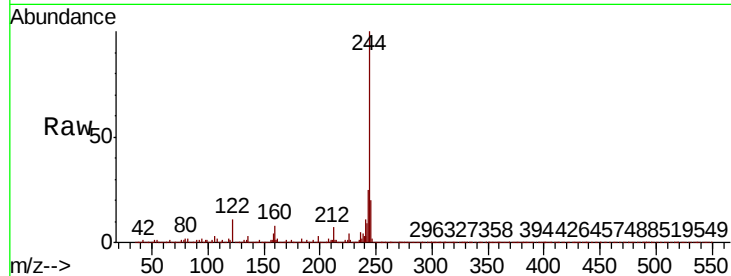
Tot Ion:244 Resp: 4330502

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

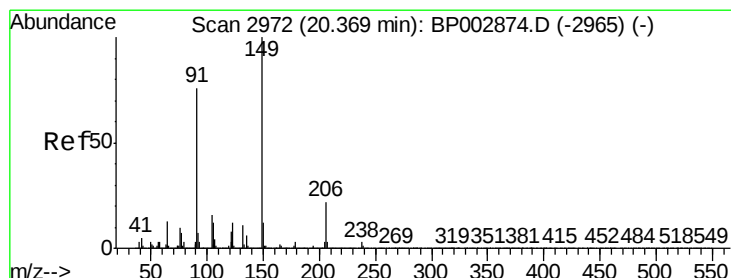
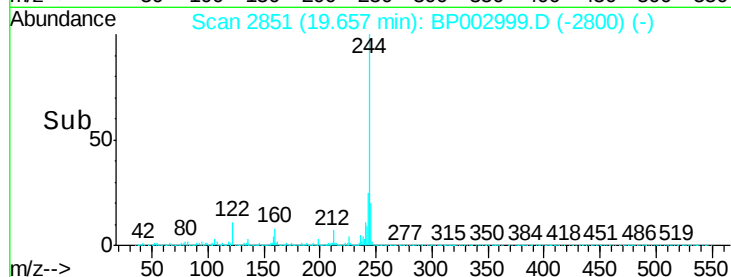
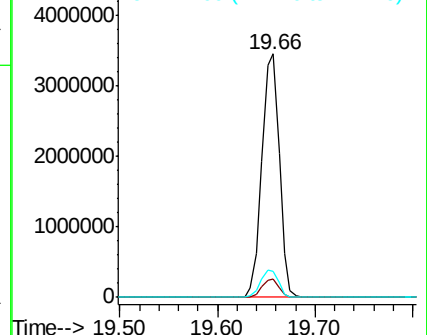
122 10.5 8.7 13.1



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: 36.992 ng

RT: 20.34 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

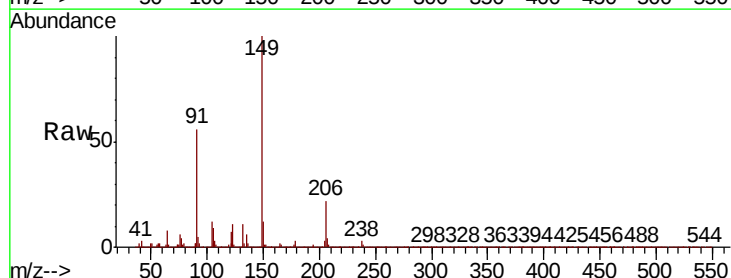
Tgt Ion:149 Resp: 1585546

Ion Ratio Lower Upper

149 100

91 55.8 45.3 67.9

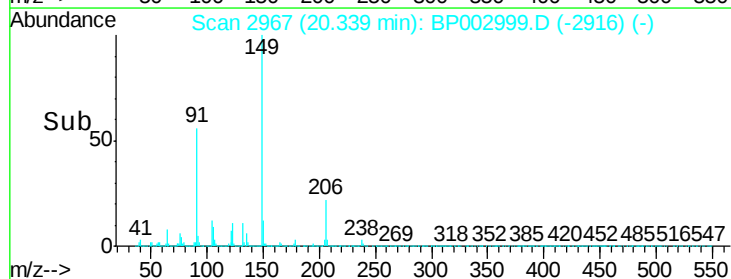
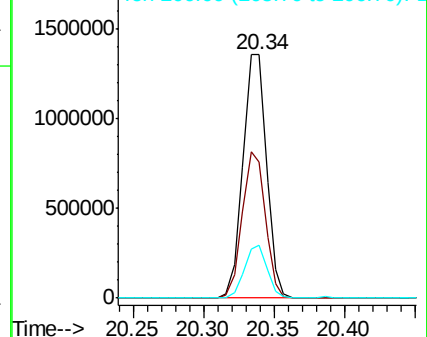
206 21.5 17.5 26.3

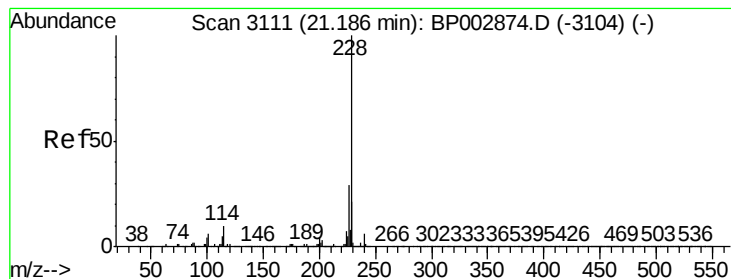


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 35.385 ng

RT: 21.16 min Scan# 3106

Delta R.T. -0.00 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

Instrument :

BNA_P

ClientSampleId :

PB130950BS

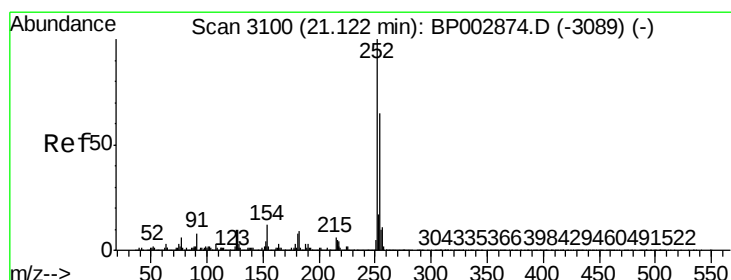
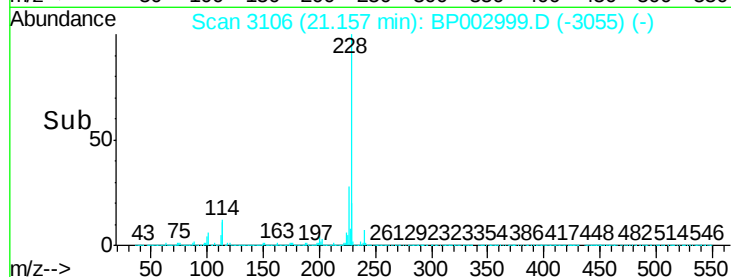
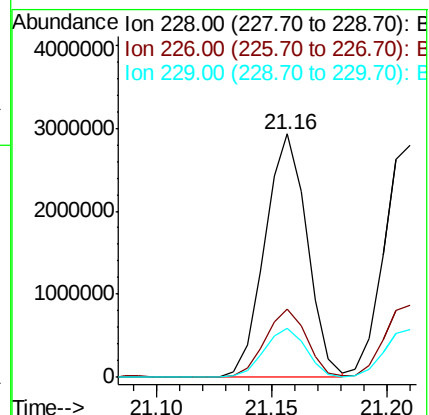
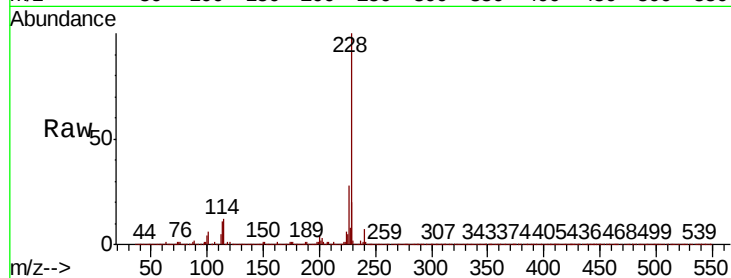
Tot Ion:228 Resp: 3713231

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.3	16.5	24.7

228 100

226 28.1 22.6 33.8

229 20.3 16.5 24.7



#82

3,3'-Dichlorobenzidine

Concen: 23.916 ng

RT: 21.09 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

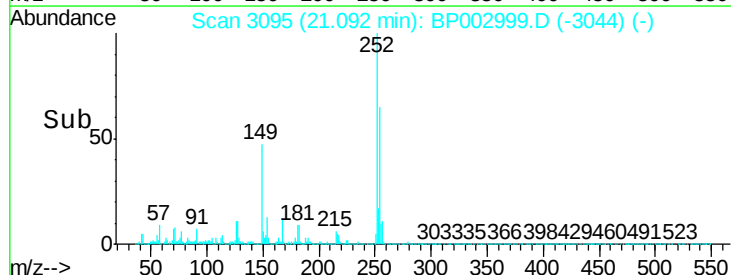
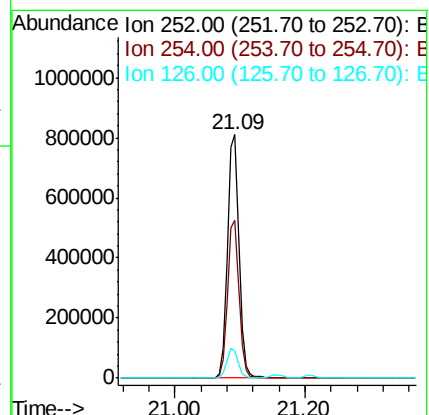
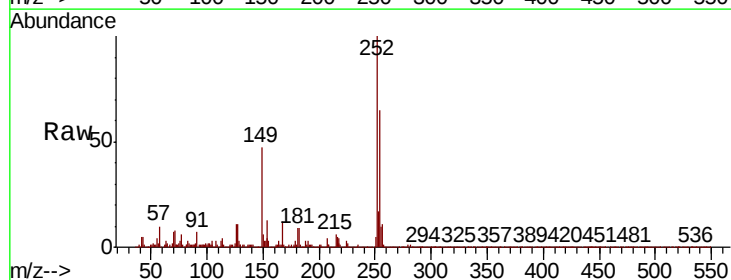
Tgt Ion:252 Resp: 993332

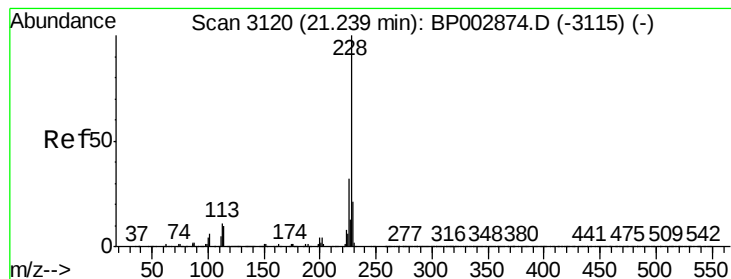
Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.8	77.6
126	11.3	9.4	14.0

252 100

254 64.8 51.8 77.6

126 11.3 9.4 14.0





#83

Chrysene

Concen: 35.408 ng

RT: 21.21 min Scan# 3115

Delta R.T. -0.00 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

Instrument :

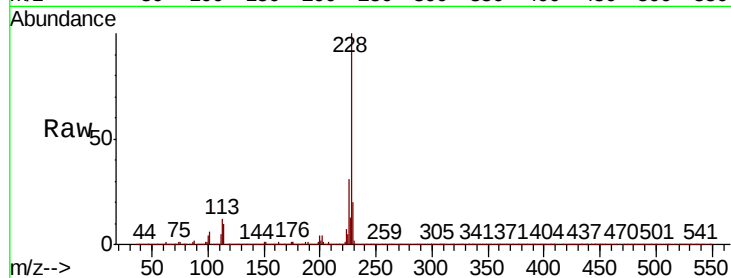
BNA_P

ClientSampleId :

PB130950BS

Tot Ion:228 Resp: 3504984

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	20.3	16.3	24.5

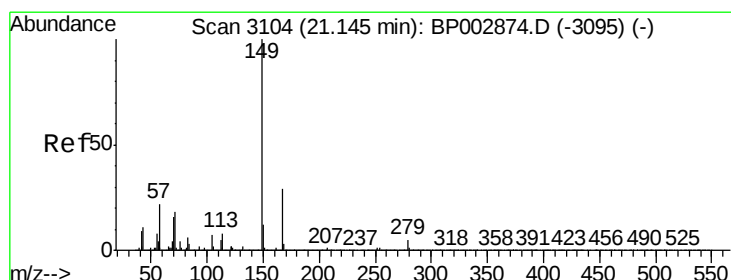
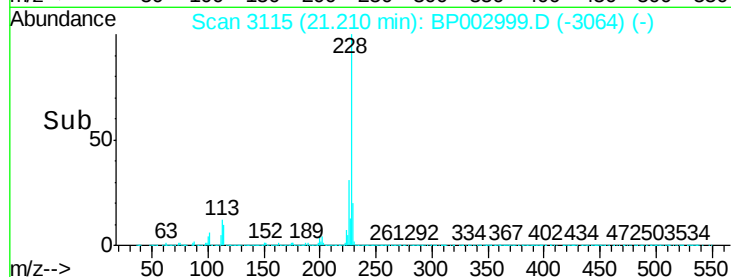
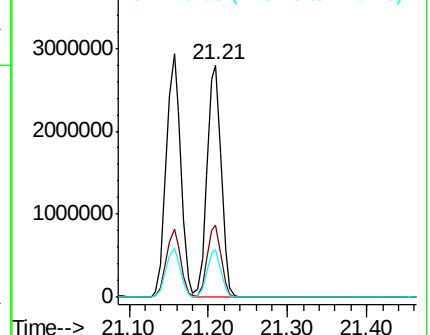


Abundance

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: 44.419 ng

RT: 21.10 min Scan# 3097

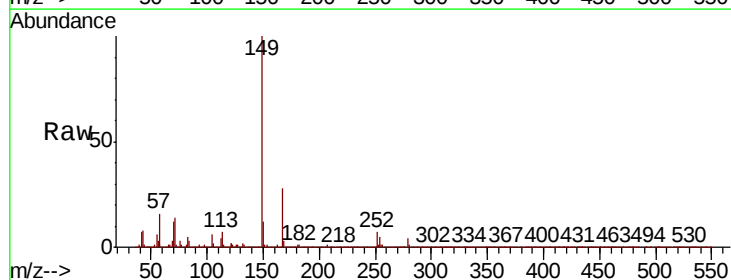
Delta R.T. -0.01 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

Tgt Ion:149 Resp: 2647543

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.9	34.3
279	4.1	3.8	5.8

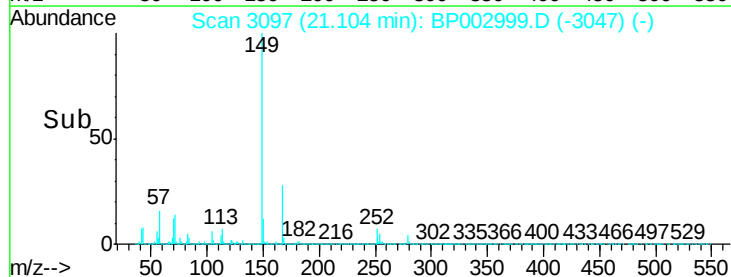
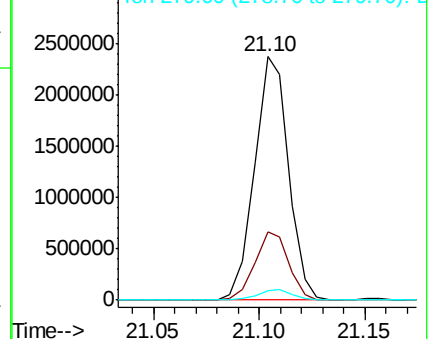


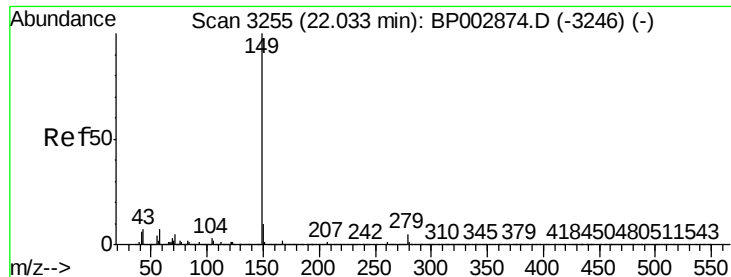
Abundance

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: 44.504 ng

RT: 21.98 min Scan# 3246

Delta R.T. -0.01 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

Instrument :

BNA_P

ClientSampleId :

PB130950BS

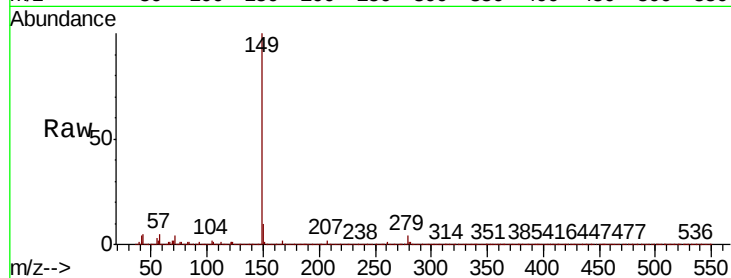
Tot Ion:149 Resp: 4357557

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

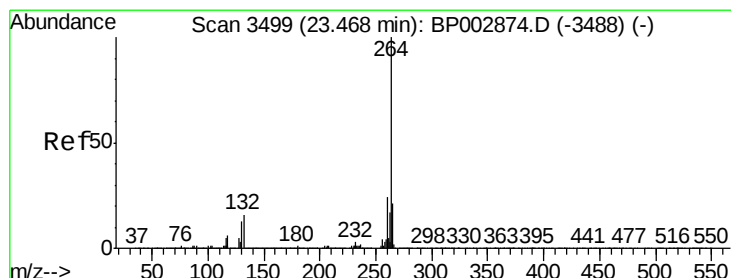
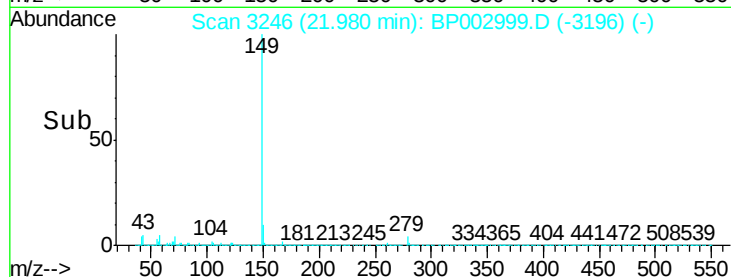
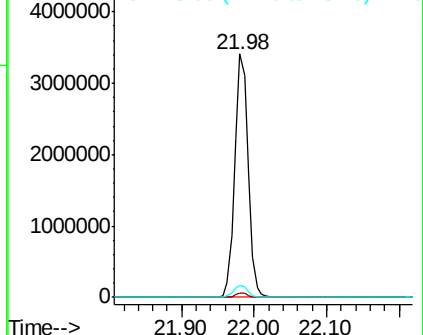
43 5.1 4.0 6.0



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: 23.42 min Scan# 3490

Delta R.T. -0.01 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

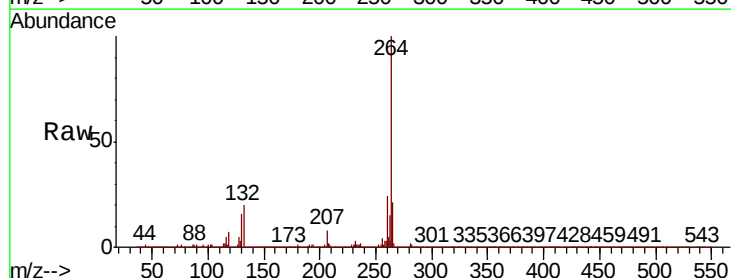
Tgt Ion:264 Resp: 1524418

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

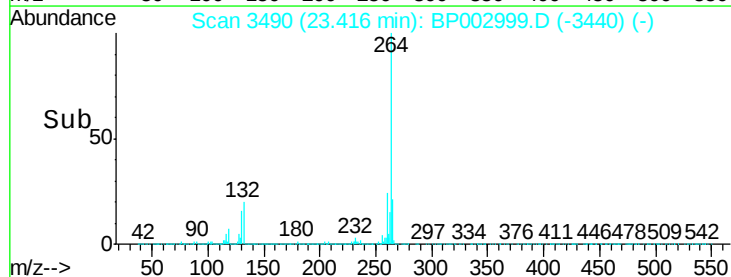
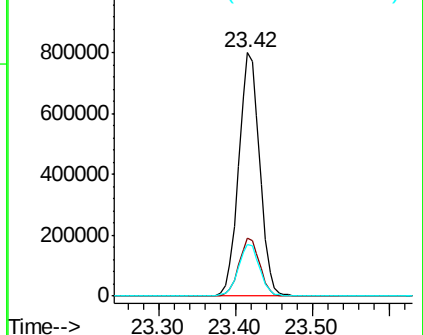
265 21.4 17.3 25.9

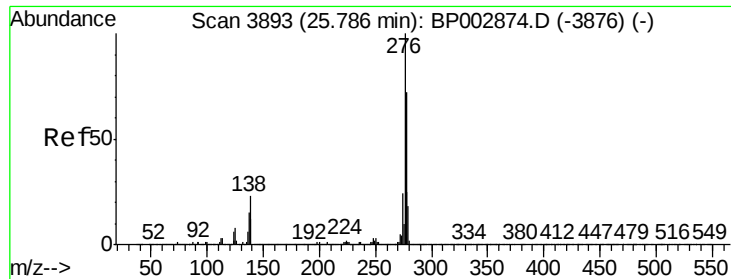


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

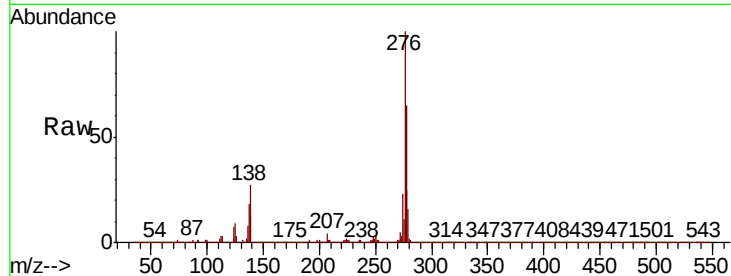




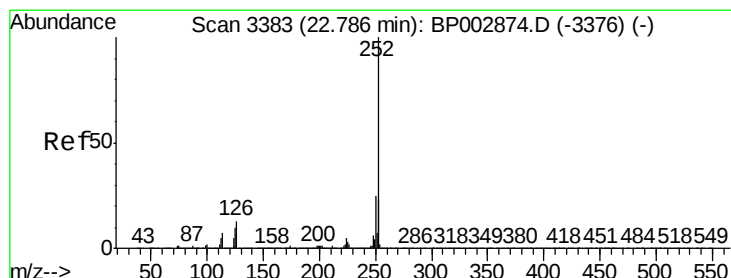
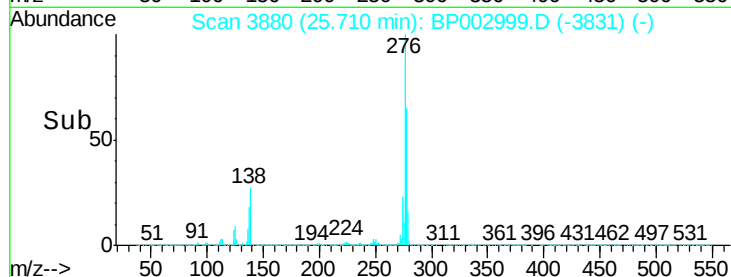
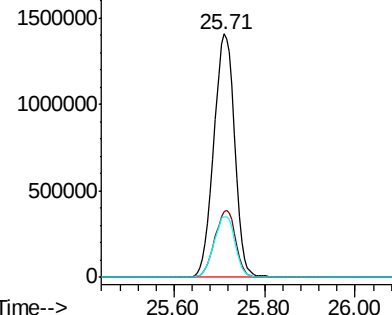
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 36.877 ng
 RT: 25.71 min Scan# 3880
 Delta R.T. -0.01 min
 Lab File: BP002999.D
 Acq: 17 Aug 2020 13:05

Instrument :
 BNA_P
 ClientSampleId :
 PB130950BS

Tot Ion:276 Resp: 4502107
 Ion Ratio Lower Upper
 276 100
 138 27.7 22.2 33.2
 277 25.5 20.4 30.6

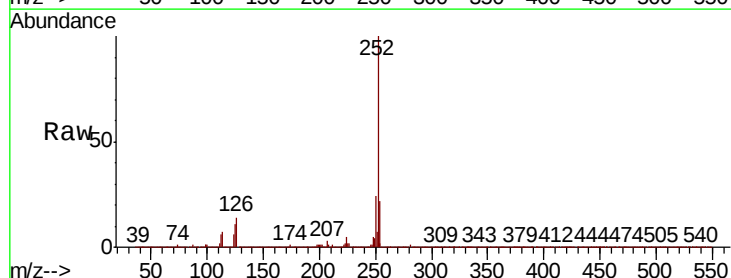


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

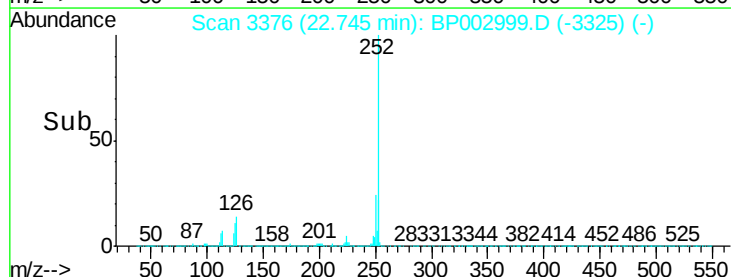
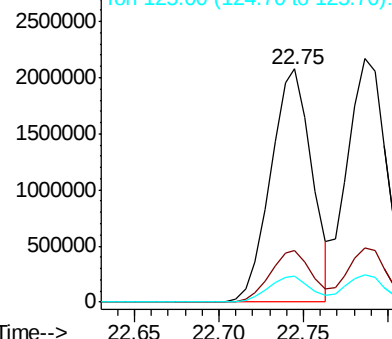


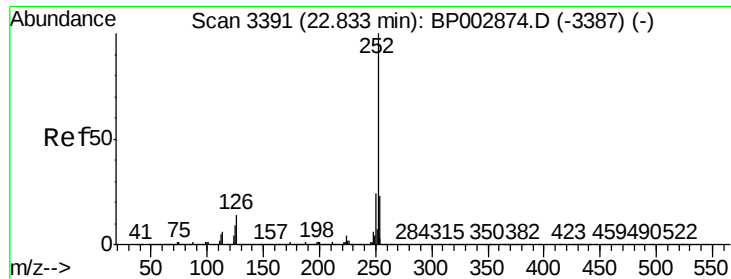
#88
 Benzo(b)fluoranthene
 Concen: 32.732 ng
 RT: 22.75 min Scan# 3376
 Delta R.T. -0.00 min
 Lab File: BP002999.D
 Acq: 17 Aug 2020 13:05

Tgt Ion:252 Resp: 3521116
 Ion Ratio Lower Upper
 252 100
 253 22.2 18.2 27.2
 125 10.9 9.4 14.2



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





#89

Benzo(k)fluoranthene

Concen: 34.972 ng

RT: 22.79 min Scan# 3383

Delta R.T. -0.01 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

Instrument :

BNA_P

ClientSampleId :

PB130950BS

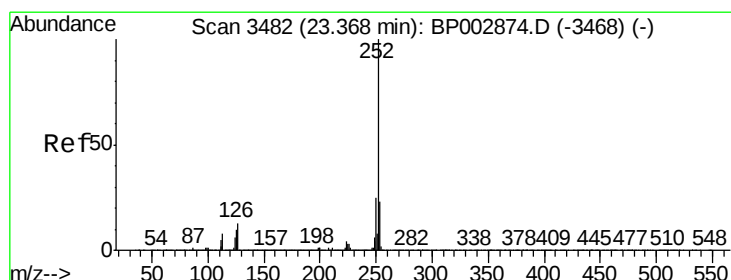
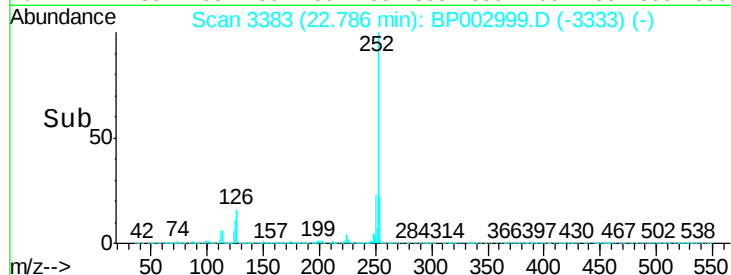
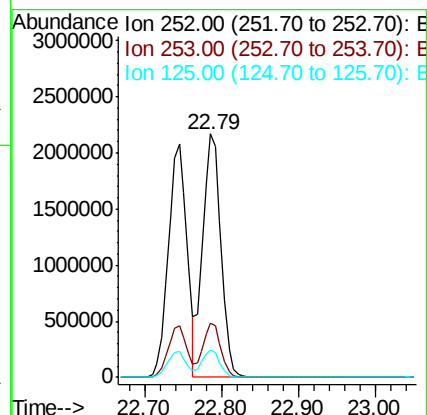
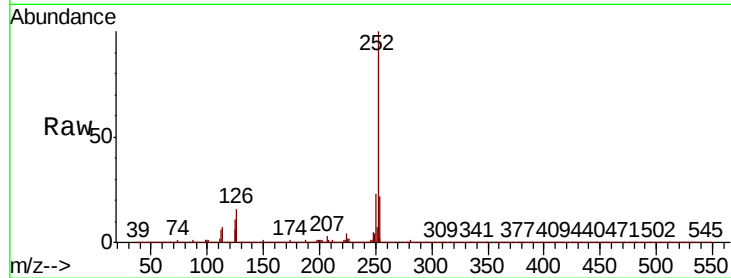
Tot Ion:252 Resp: 3555868

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.3	27.5
125	11.0	9.3	13.9

252 100

253 22.3 18.3 27.5

125 11.0 9.3 13.9



#90

Benzo(a)pyrene

Concen: 34.387 ng

RT: 23.32 min Scan# 3474

Delta R.T. -0.01 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

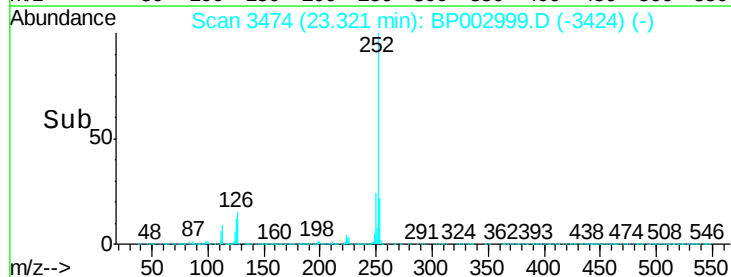
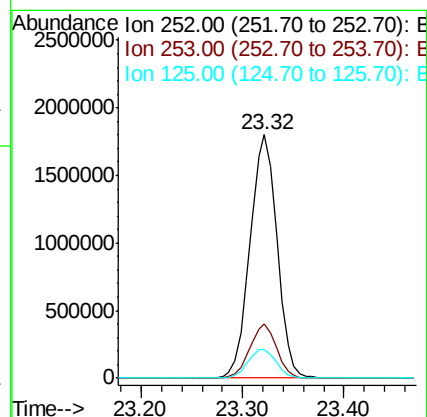
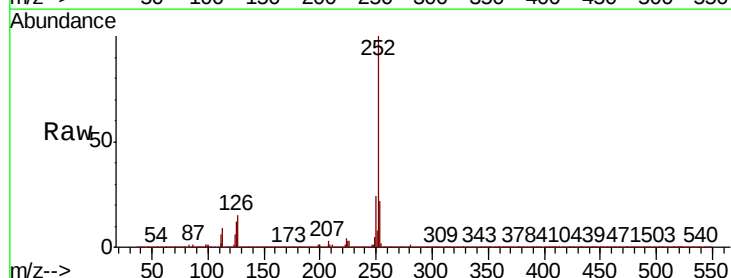
Tgt Ion:252 Resp: 3342483

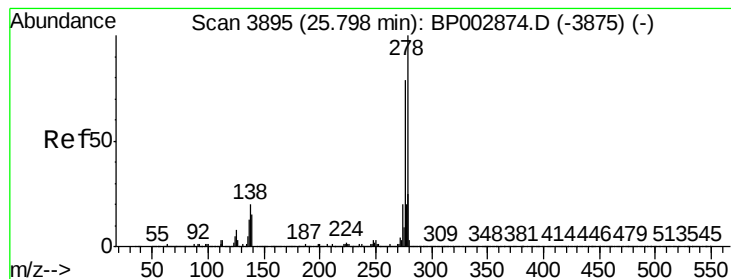
Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	11.9	9.9	14.9

252 100

253 22.0 18.0 27.0

125 11.9 9.9 14.9





#91

Dibenzo(a,h)anthracene

Concen: 36.047 ng

RT: 25.73 min Scan# 3883

Delta R.T. -0.01 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

Instrument :

BNA_P

ClientSampleId :

PB130950BS

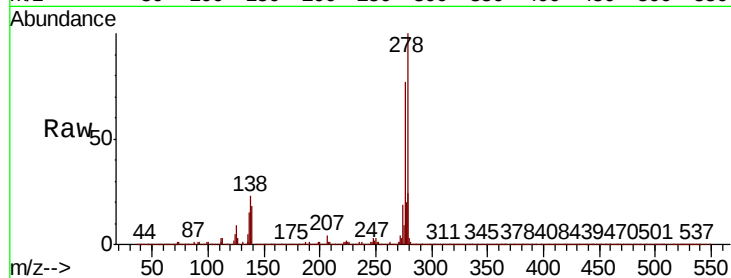
Tot Ion:278 Resp: 3745554

Ion Ratio Lower Upper

278 100

139 17.6 14.2 21.4

279 23.8 19.3 28.9

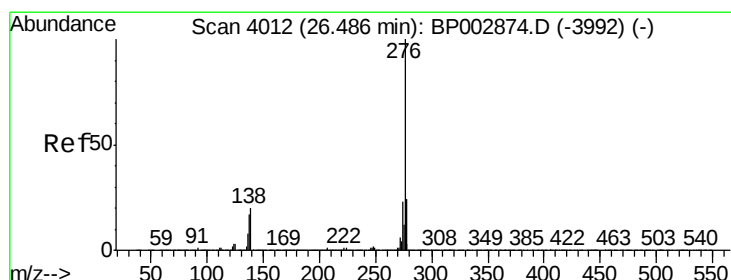
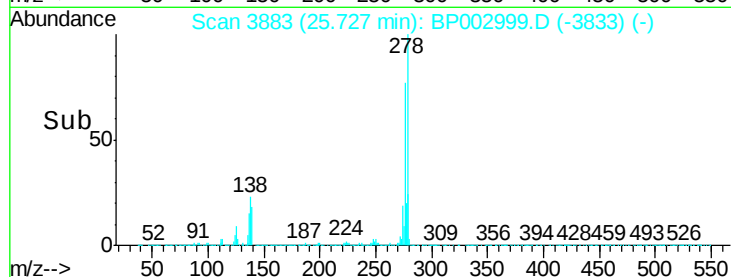
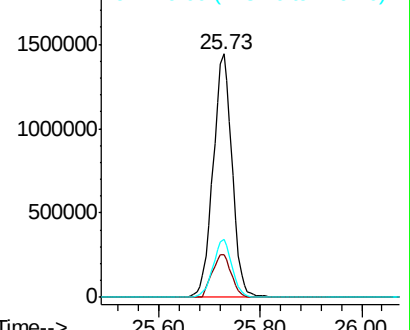


Abundance

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: 38.137 ng

RT: 26.41 min Scan# 3999

Delta R.T. -0.01 min

Lab File: BP002999.D

Acq: 17 Aug 2020 13:05

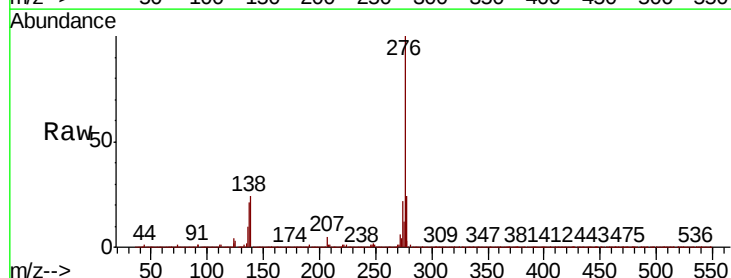
Tgt Ion:276 Resp: 3831957

Ion Ratio Lower Upper

276 100

277 23.5 19.1 28.7

138 24.4 19.3 28.9



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

