

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072220\
 Data File : BP002824.D
 Acq On : 22 Jul 2020 14:28
 Operator : CG/JU
 Sample : PB130369BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB130369BS

Quant Time: Jul 22 15:15:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:54:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	109292	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	419540	20.00	ng	-0.01
39) Acenaphthene-d10	14.20	164	245468	20.00	ng	-0.01
64) Phenanthrene-d10	16.96	188	510836	20.00	ng	0.00
76) Chrysene-d12	21.07	240	459738	20.00	ng	0.00
86) Perylene-d12	23.26	264	491253	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.18	112	812895	125.49	ng	0.00
7) Phenol-d6	6.75	99	1032770	111.71	ng	0.00
23) Nitrobenzene-d5	8.69	82	656341	83.67	ng	-0.01
42) 2,4,6-Tribromophenol	15.71	330	315115	122.98	ng	0.00
45) 2-Fluorobiphenyl	12.81	172	1256931	79.21	ng	-0.01
79) Terphenyl-d14	19.55	244	1569505	78.27	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.12	88	112619	39.877	ng	98
3) Pyridine	3.50	79	293020	34.815	ng	100
4) n-Nitrosodimethylamine	3.42	42	140104	44.188	ng	95
6) Aniline	6.88	93	394011	33.666	ng	100
8) 2-Chlorophenol	7.12	128	303327	42.087	ng	97
9) Benzaldehyde	6.69	77	252456	50.262	ng	98
10) Phenol	6.78	94	398259	42.054	ng	98
11) bis(2-Chloroethyl)ether	6.98	93	312469	39.669	ng	99
12) 1,3-Dichlorobenzene	7.43	146	325740	39.415	ng	97
13) 1,4-Dichlorobenzene	7.58	146	329073	39.677	ng	99
14) 1,2-Dichlorobenzene	7.89	146	315353	39.429	ng	100
15) Benzyl Alcohol	7.79	79	273513	44.211	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.08	45	434545	38.359	ng	100
17) 2-Methylphenol	8.01	107	259129	38.407	ng	98
18) Hexachloroethane	8.61	117	123760	42.129	ng	98
19) n-Nitroso-di-n-propylamine	8.35	70	226705	40.269	ng	99
20) 3+4-Methylphenols	8.34	107	341204	38.247	ng	95
22) Acetophenone	8.36	105	441069	42.645	ng	97
24) Nitrobenzene	8.73	77	352598	41.505	ng	100
25) Isophorone	9.26	82	644698	40.325	ng	100
26) 2-Nitrophenol	9.45	139	160836	43.833	ng	94
27) 2,4-Dimethylphenol	9.53	122	276820	46.469	ng	97
28) bis(2-Chloroethoxy)methane	9.75	93	402215	41.419	ng	100
29) 2,4-Dichlorophenol	9.99	162	280108	42.649	ng	99
30) 1,2,4-Trichlorobenzene	10.19	180	295331	39.259	ng	100
31) Naphthalene	10.37	128	873452	39.434	ng	99
32) Benzoic acid	9.71	122	98767	25.340	ng	98
33) 4-Chloroaniline	10.49	127	248030	26.132	ng	99
34) Hexachlorobutadiene	10.66	225	169341	38.947	ng	99
35) Caprolactam	11.26	113	96558	42.049	ng	99
36) 4-Chloro-3-methylphenol	11.65	107	295536	41.746	ng	97
37) 2-Methylnaphthalene	11.99	142	620465	39.696	ng	99
38) 1-Methylnaphthalene	12.22	142	584243	39.520	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.38	216	315889	41.873	ng	98

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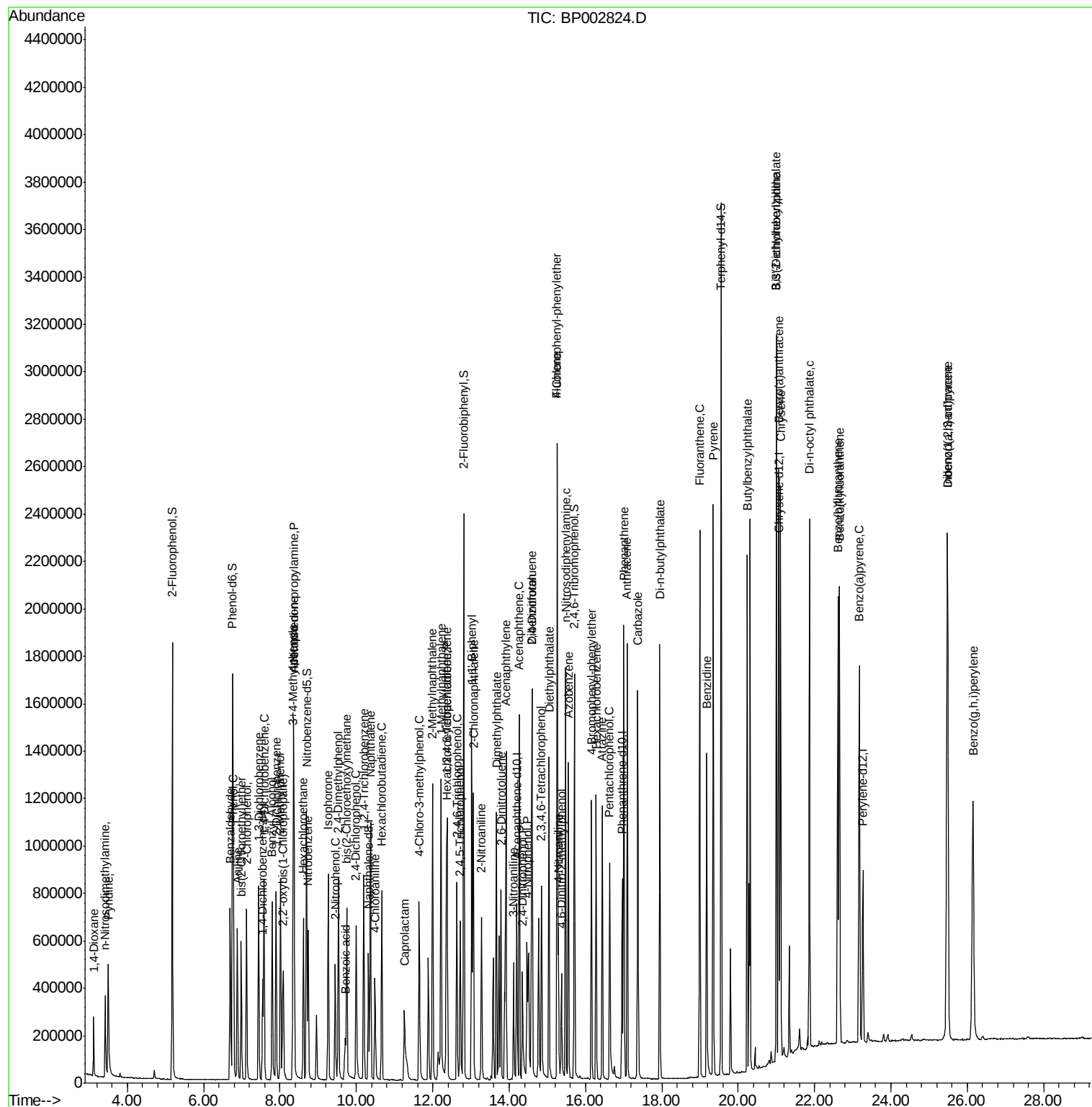
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	213084	65.276	ng	98
43) 2,4,6-Trichlorophenol	12.63	196	203577	42.160	ng	97
44) 2,4,5-Trichlorophenol	12.72	196	216897	38.728	ng	97
46) 1,1'-Biphenyl	13.02	154	766359	41.878	ng	100
47) 2-Chloronaphthalene	13.06	162	583270	39.241	ng	98
48) 2-Nitroaniline	13.27	65	202707	44.119	ng	95
49) Acenaphthylene	13.92	152	961320	41.026	ng	99
50) Dimethylphthalate	13.67	163	754261	40.291	ng	100
51) 2,6-Dinitrotoluene	13.79	165	166018	41.424	ng	96
52) Acenaphthene	14.26	154	552027	39.420	ng	98
53) 3-Nitroaniline	14.12	138	127786	28.498	ng	96
54) 2,4-Dinitrophenol	14.35	184	135199	63.250	ng	93
55) Dibenzofuran	14.60	168	876500	39.026	ng	98
56) 4-Nitrophenol	14.47	139	222437	63.030	ng	98
57) 2,4-Dinitrotoluene	14.59	165	223643	42.371	ng	# 91
58) Fluorene	15.26	166	671264	40.392	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.85	232	184718	41.842	ng	99
60) Diethylphthalate	15.05	149	728021	40.110	ng	99
61) 4-Chlorophenyl-phenylether	15.26	204	344418	39.005	ng	100
62) 4-Nitroaniline	15.29	138	182933	38.471	ng	98
63) Azobenzene	15.55	77	781284	41.864	ng	99
65) 4,6-Dinitro-2-methylphenol	15.37	198	111332	37.728	ng	99
66) n-Nitrosodiphenylamine	15.47	169	630133	41.757	ng	98
67) 4-Bromophenyl-phenylether	16.15	248	219893	39.517	ng	98
68) Hexachlorobenzene	16.28	284	244984	41.786	ng	97
69) Atrazine	16.44	200	203411	49.376	ng	99
70) Pentachlorophenol	16.63	266	202961	72.360	ng	96
71) Phenanthrene	17.00	178	1122453	40.583	ng	99
72) Anthracene	17.09	178	1145173	42.193	ng	99
73) Carbazole	17.37	167	1072405	40.264	ng	99
74) Di-n-butylphthalate	17.95	149	1300305	45.016	ng	99
75) Fluoranthene	18.99	202	1325134	41.348	ng	99
77) Benzidine	19.17	184	789067	69.244	ng	99
78) Pyrene	19.35	202	1383933	43.600	ng	98
80) Butylbenzylphthalate	20.23	149	599491	47.860	ng	97
81) Benzo(a)anthracene	21.06	228	1246272	41.877	ng	98
82) 3,3'-Dichlorobenzidine	20.99	252	370427	37.584	ng	99
83) Chrysene	21.11	228	1169293	41.276	ng	99
84) Bis(2-ethylhexyl)phthalate	21.00	149	797031	45.750	ng	98
85) Di-n-octyl phthalate	21.86	149	1451071	46.329	ng	99
87) Indeno(1,2,3-cd)pyrene	25.48	276	1535699	43.252	ng	99
88) Benzo(b)fluoranthene	22.61	252	1324220	43.411	ng	99
89) Benzo(k)fluoranthene	22.65	252	1231107	40.974	ng	99
90) Benzo(a)pyrene	23.17	252	1188905	41.129	ng	99
91) Dibenzo(a,h)anthracene	25.49	278	1266446	44.228	ng	99
92) Benzo(g,h,i)perylene	26.15	276	1297743	44.700	ng	98

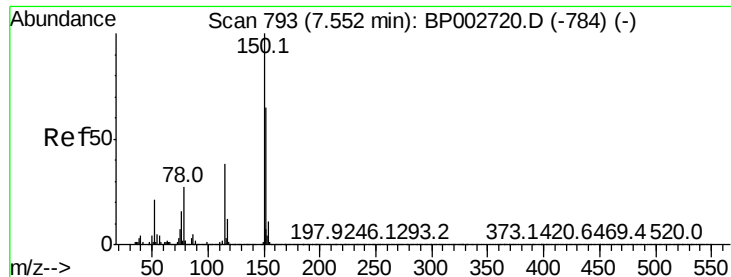
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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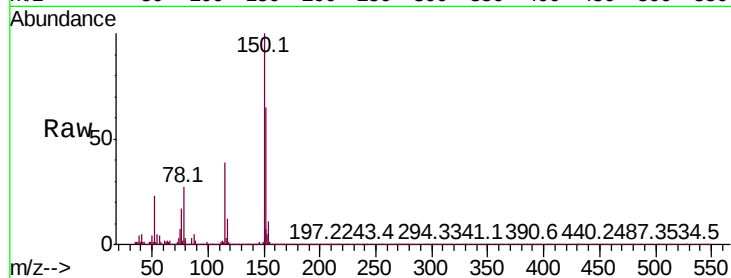


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 792
Delta R.T. -0.01 min
Lab File: BP002824.D
Acq: 22 Jul 2020 14:28

Instrument :
BNA_P
ClientSampleId :
PB130369BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	123.7	185.5
115	60.0	47.2	70.8

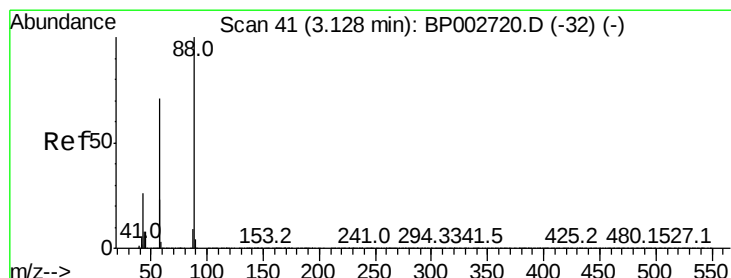
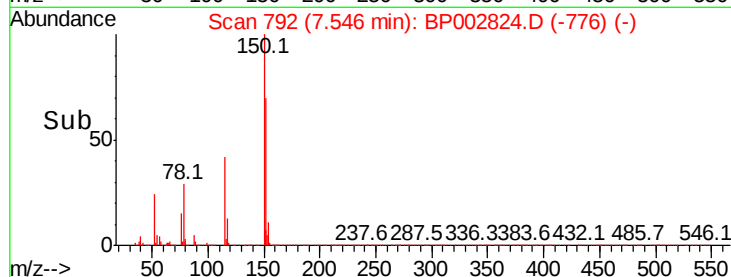
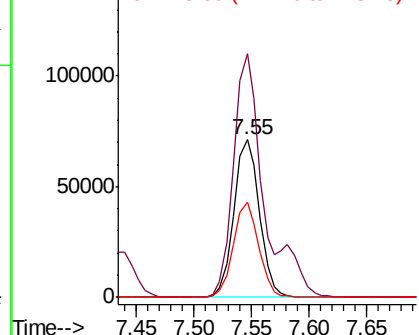


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

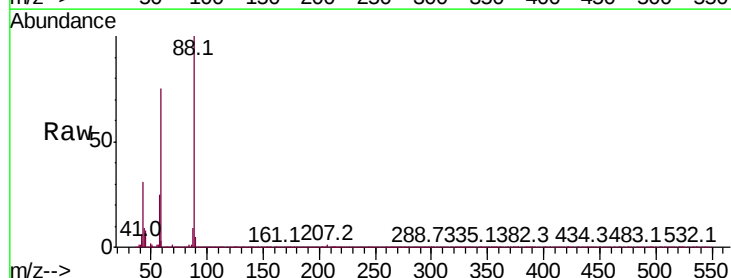
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.877 ng
RT: 3.12 min Scan# 39
Delta R.T. -0.01 min
Lab File: BP002824.D
Acq: 22 Jul 2020 14:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.4	58.2	87.4
43	28.4	21.5	32.3

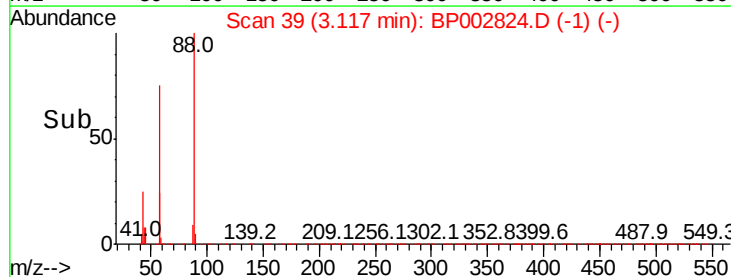
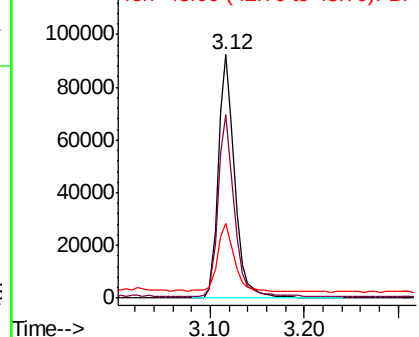


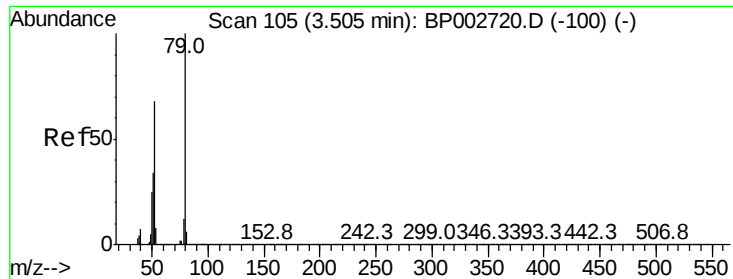
Abundance

Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 34.815 ng

RT: 3.50 min Scan# 104

Delta R.T. -0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

Instrument :

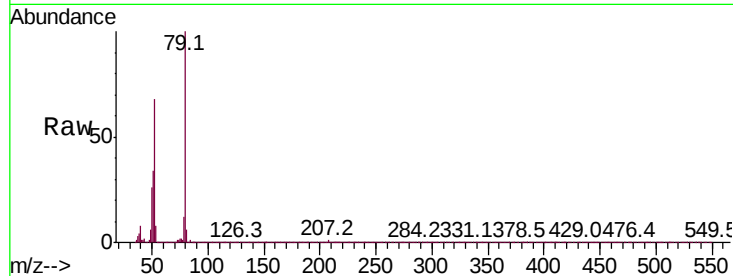
BNA_P

ClientSampleId :

PB130369BS

Tot Ion: 79 Resp: 293020

Ion	Ratio	Lower	Upper
79	100		
52	67.7	54.2	81.2
51	34.3	27.3	40.9

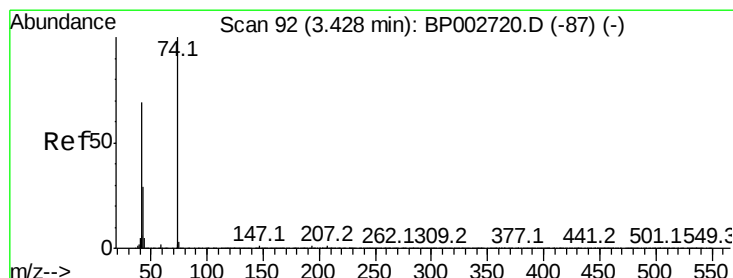
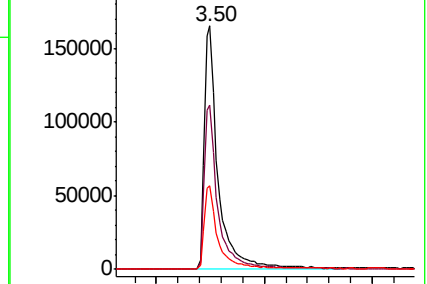
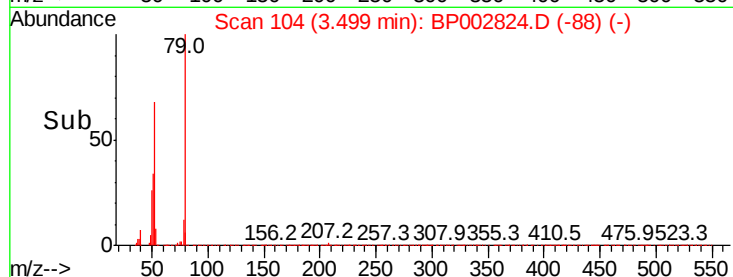


Abundance

Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 44.188 ng

RT: 3.42 min Scan# 90

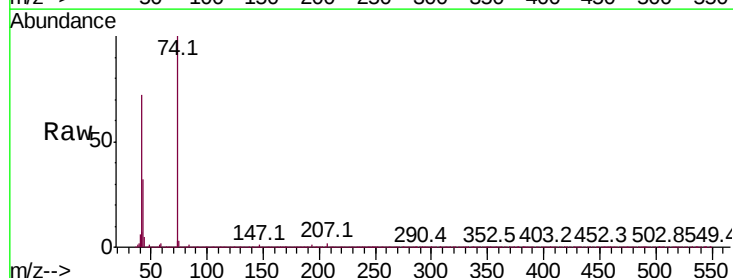
Delta R.T. -0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

Tgt Ion: 42 Resp: 140104

Ion	Ratio	Lower	Upper
42	100		
74	138.5	116.3	174.5
44	6.8	5.9	8.9

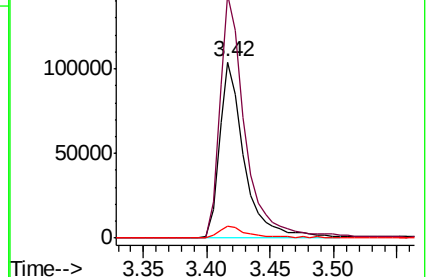
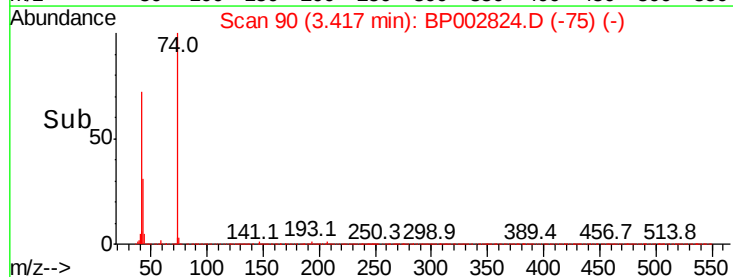


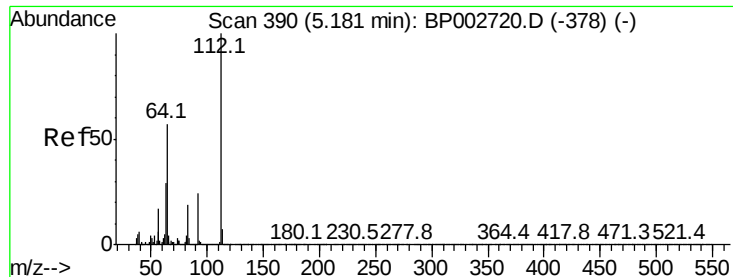
Abundance

Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 125.490 ng

RT: 5.18 min Scan# 389

Delta R.T. -0.01 min

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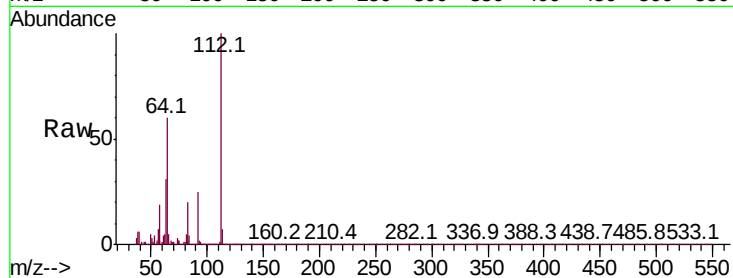
Tot Ion:112 Resp: 812895

Ion Ratio Lower Upper

112 100

64 59.9 45.6 68.4

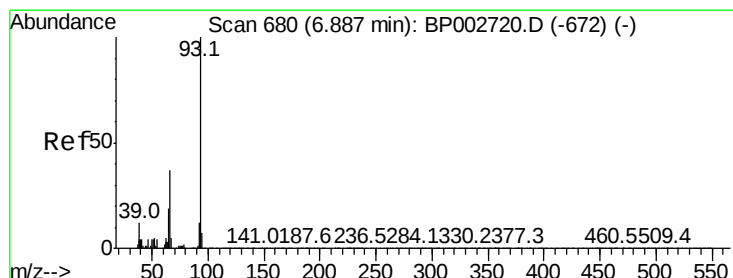
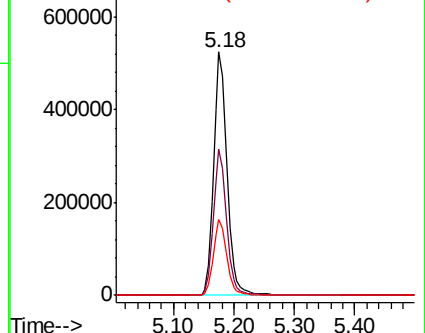
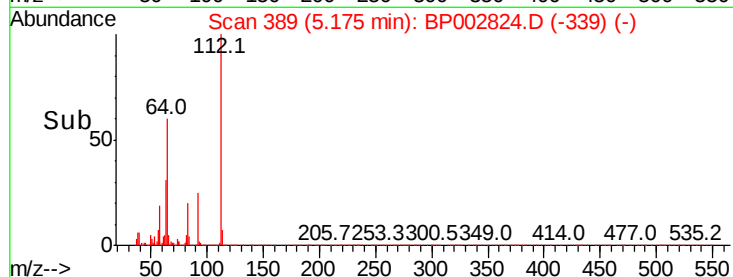
63 31.3 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 33.666 ng

RT: 6.88 min Scan# 679

Delta R.T. -0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

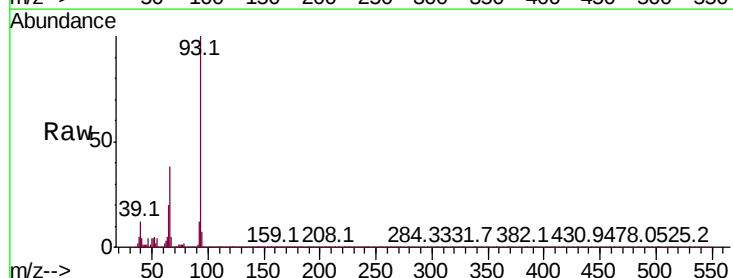
Tgt Ion: 93 Resp: 394011

Ion Ratio Lower Upper

93 100

66 37.8 30.1 45.1

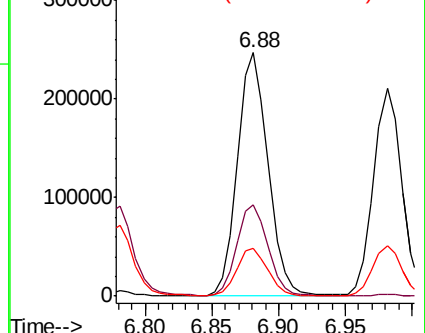
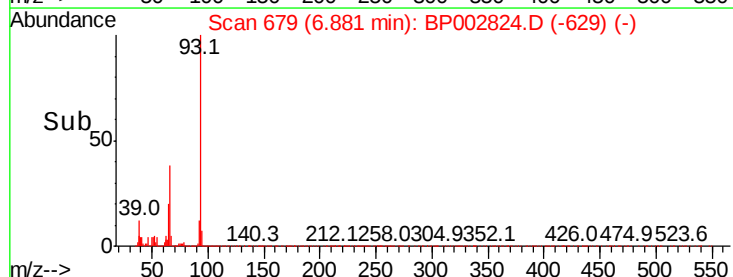
65 19.7 15.4 23.2

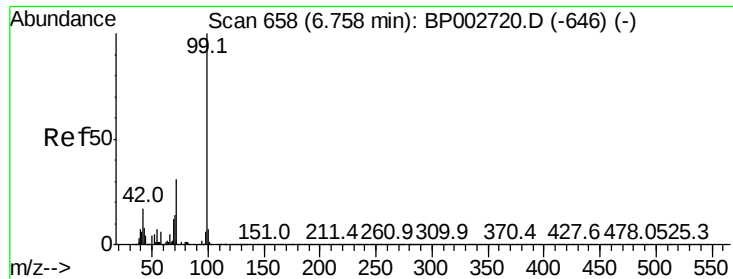


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 111.713 ng

RT: 6.75 min Scan# 657

Delta R.T. -0.01 min

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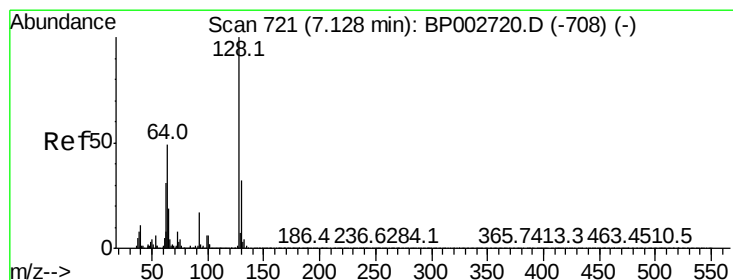
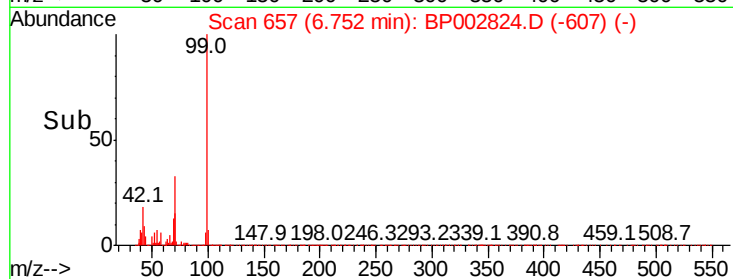
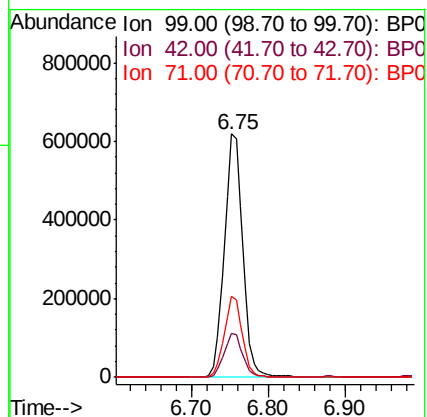
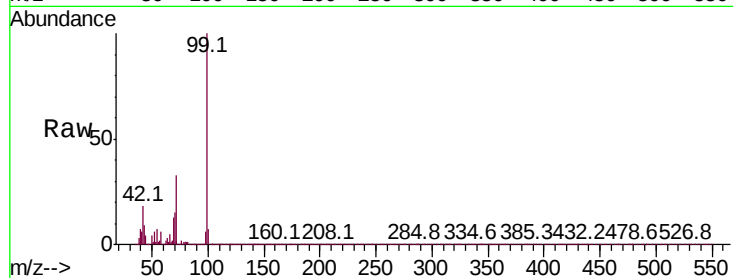
Tot Ion: 99 Resp: 1032770

Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.4	20.2
71	33.3	24.6	36.8

99 100

42 18.1 13.4 20.2

71 33.3 24.6 36.8



#8

2-Chlorophenol

Concen: 42.087 ng

RT: 7.12 min Scan# 720

Delta R.T. -0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

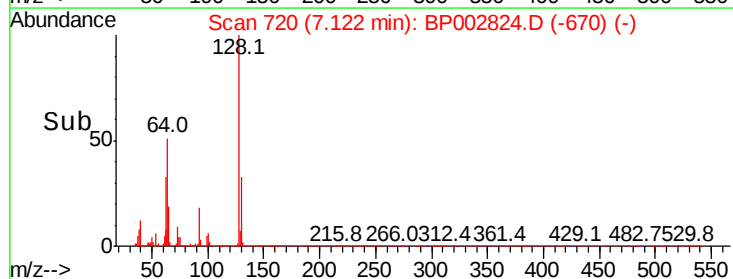
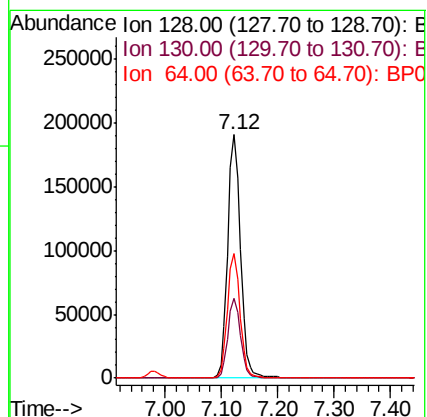
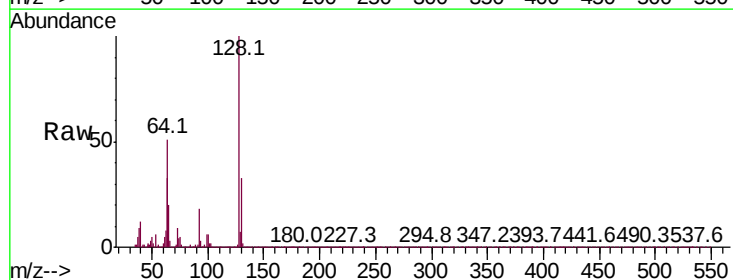
Tgt Ion: 128 Resp: 303327

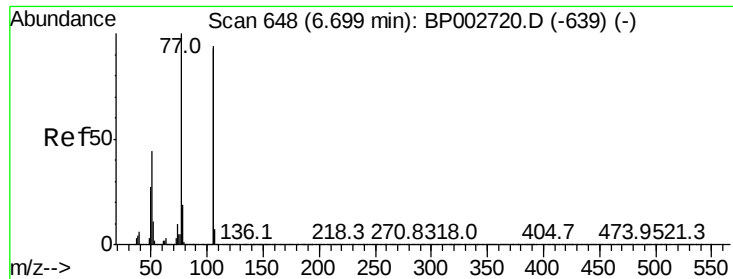
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.2	52.2
64	51.3	28.8	68.8

128 100

130 32.9 12.2 52.2

64 51.3 28.8 68.8





#9

Benzaldehyde

Concen: 50.262 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

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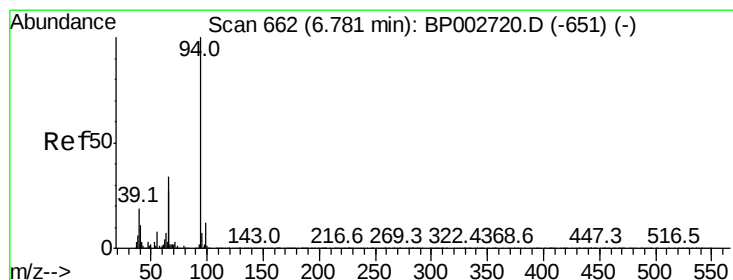
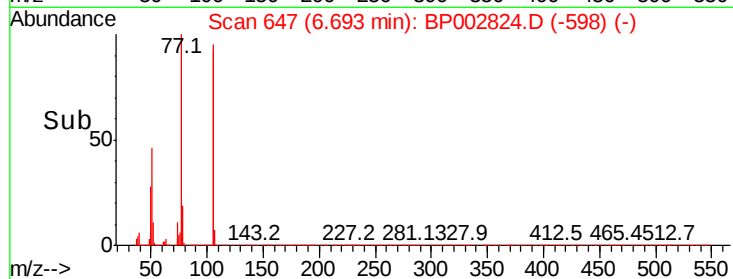
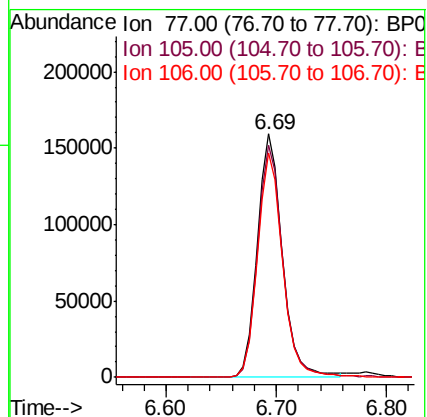
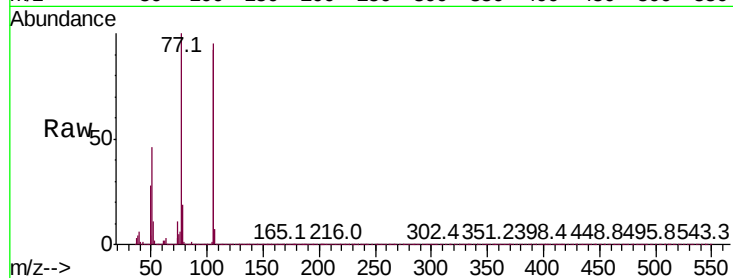
Tot Ion: 77 Resp: 252456

Ion Ratio Lower Upper

77 100

105 95.3 73.2 113.2

106 92.1 73.6 113.6



#10

Phenol

Concen: 42.054 ng

RT: 6.78 min Scan# 662

Delta R.T. 0.00 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

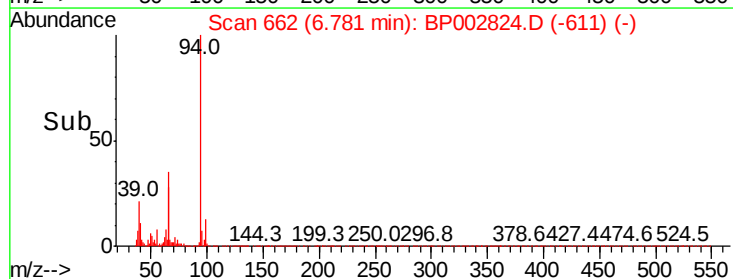
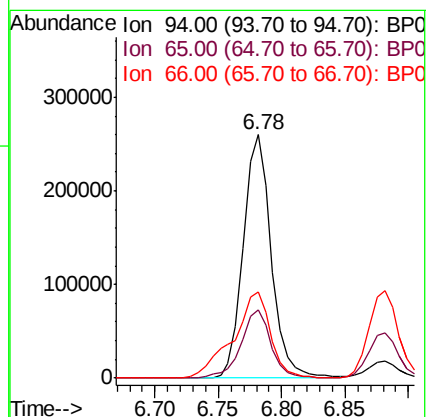
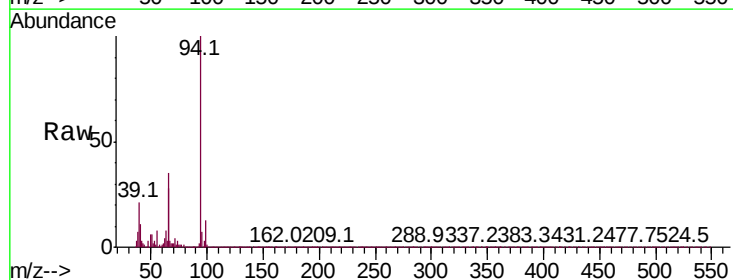
Tgt Ion: 94 Resp: 398259

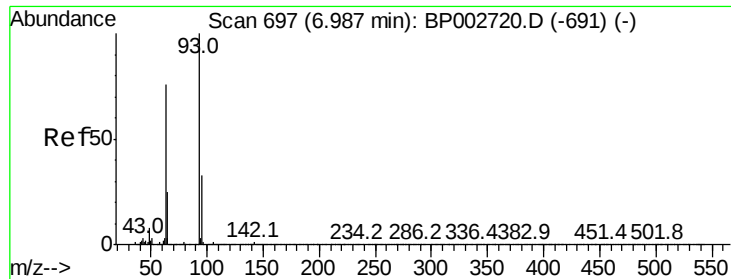
Ion Ratio Lower Upper

94 100

65 27.8 7.0 47.0

66 35.3 13.7 53.7

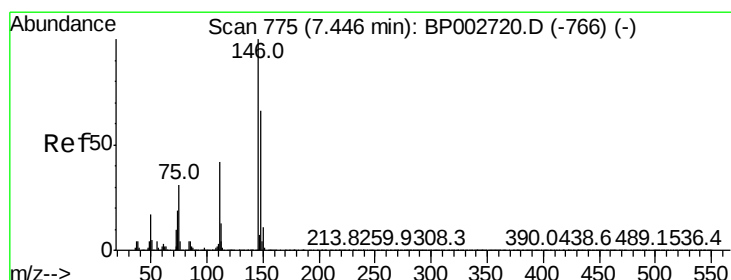
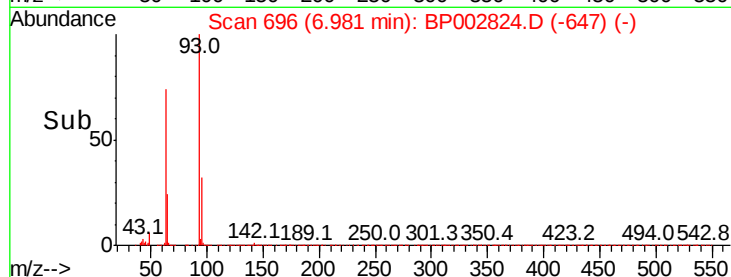
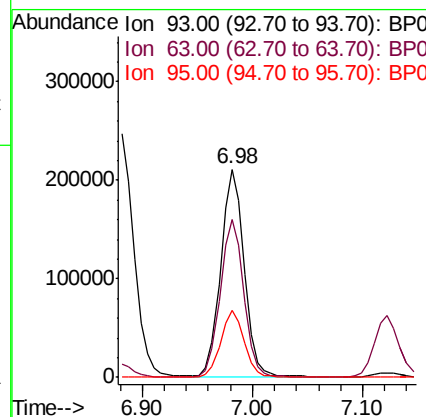
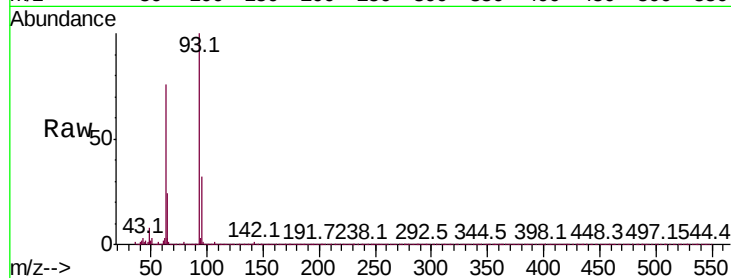




#11
bis(2-Chloroethyl)ether
Concen: 39.669 ng
RT: 6.98 min Scan# 696
Delta R.T. -0.01 min
Lab File: BP002824.D
Acq: 22 Jul 2020 14:28

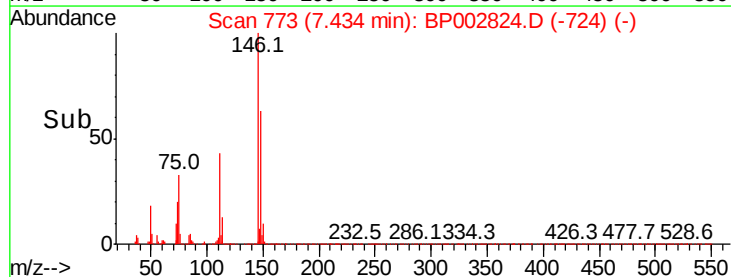
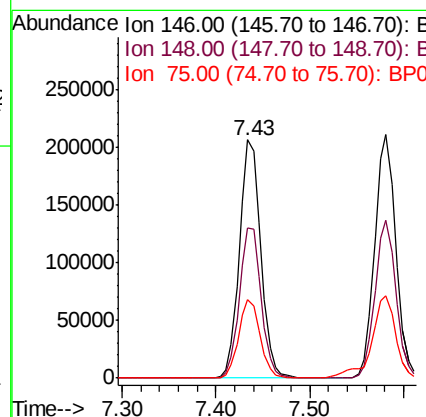
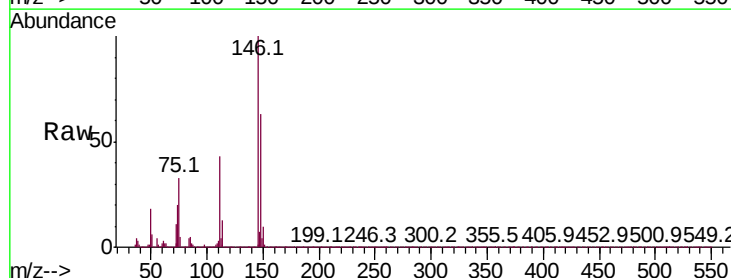
Instrument :
BNA_P
ClientSampleId :
PB130369BS

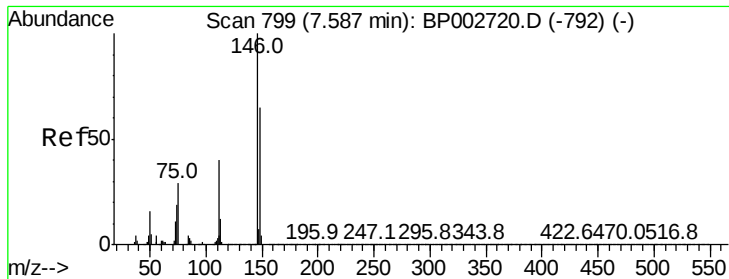
Tot Ion	Ratio	Lower	Upper
93	100		
63	76.2	55.1	95.1
95	32.4	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 39.415 ng
RT: 7.43 min Scan# 773
Delta R.T. -0.01 min
Lab File: BP002824.D
Acq: 22 Jul 2020 14:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.6	78.8
75	33.1	25.2	37.8





#13

1,4-Dichlorobenzene

Concen: 39.677 ng

RT: 7.58 min Scan# 798

Delta R.T. -0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

Instrument :

BNA_P

ClientSampleId :

PB130369BS

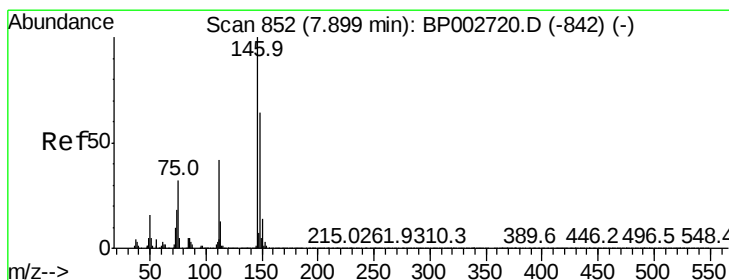
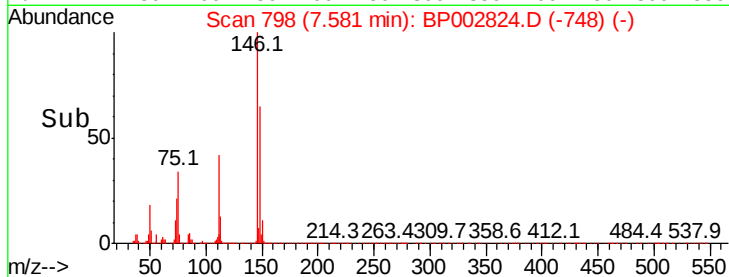
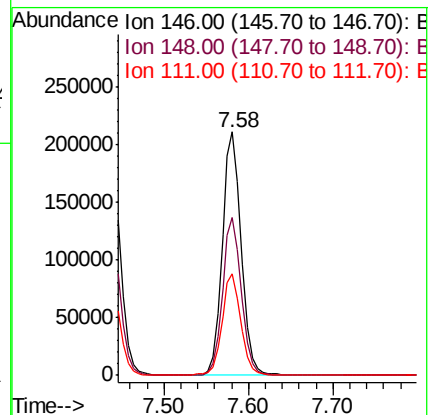
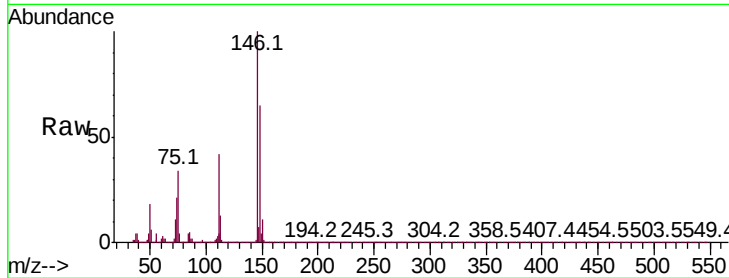
Tot Ion:146 Resp: 329073

Ion Ratio Lower Upper

146 100

148 64.6 52.1 78.1

111 41.6 32.2 48.2



#14

1,2-Dichlorobenzene

Concen: 39.429 ng

RT: 7.89 min Scan# 851

Delta R.T. -0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

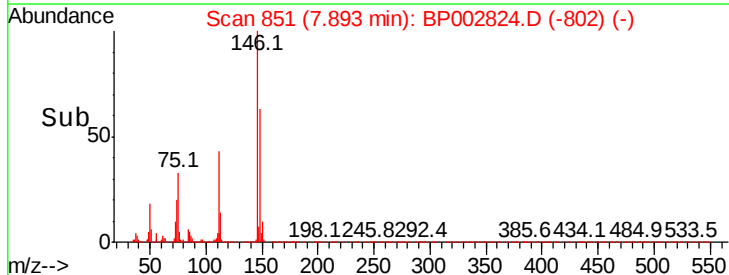
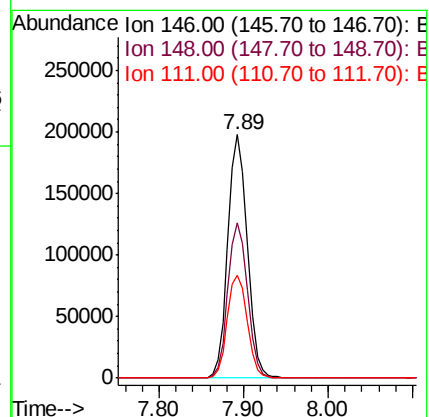
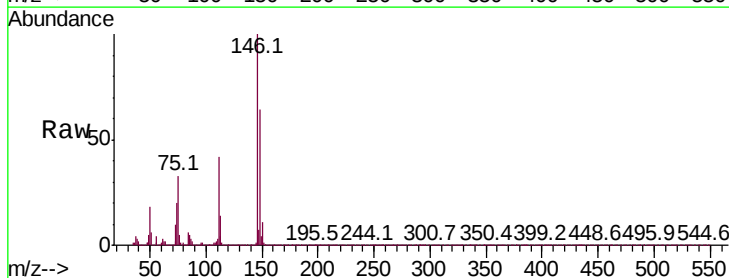
Tgt Ion:146 Resp: 315353

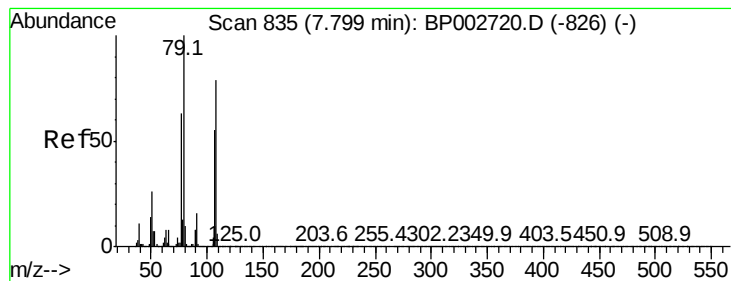
Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.6

111 42.4 33.9 50.9





#15

Benzyl Alcohol

Concen: 44.211 ng

RT: 7.79 min Scan# 834

Delta R.T. -0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

Instrument :

BNA_P

ClientSampleID :

PB130369BS

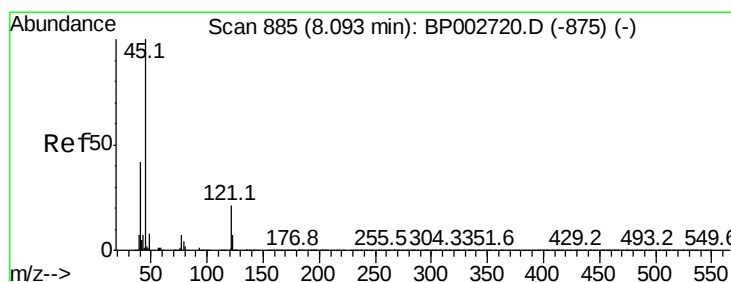
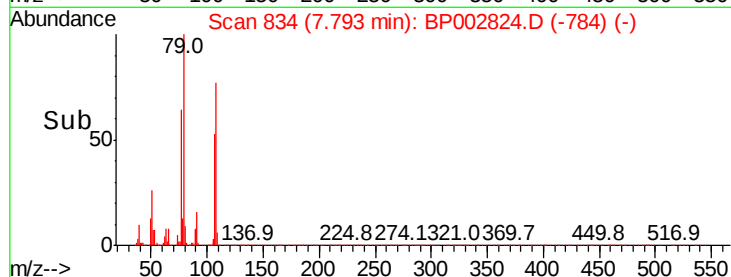
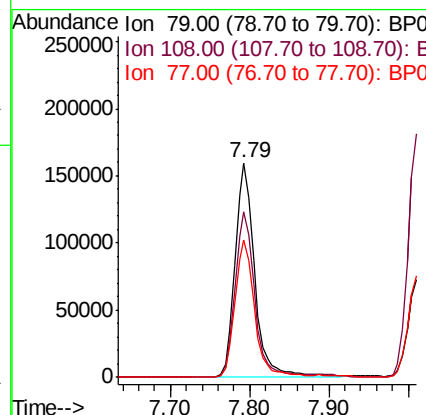
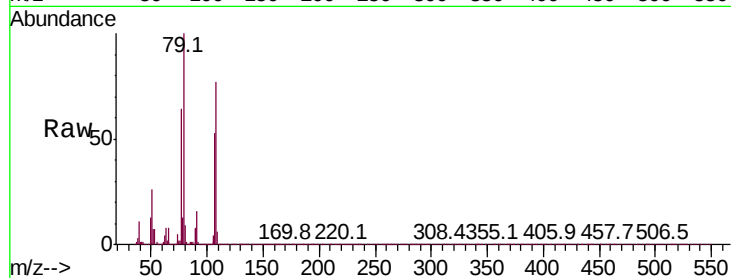
Tot Ion: 79 Resp: 273513

Ion Ratio Lower Upper

79 100

108 76.9 63.1 94.7

77 63.8 50.8 76.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.359 ng

RT: 8.08 min Scan# 883

Delta R.T. -0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

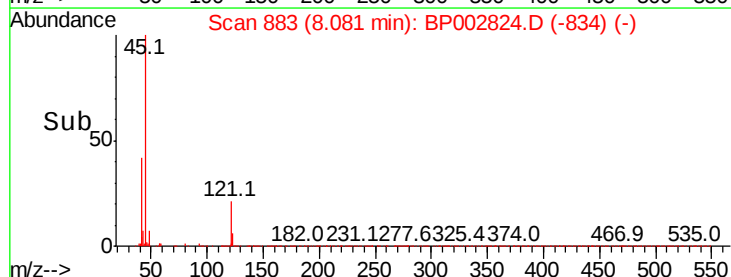
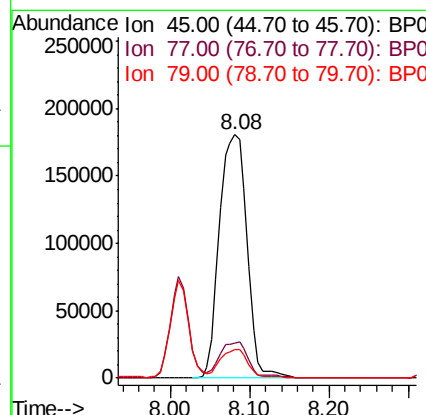
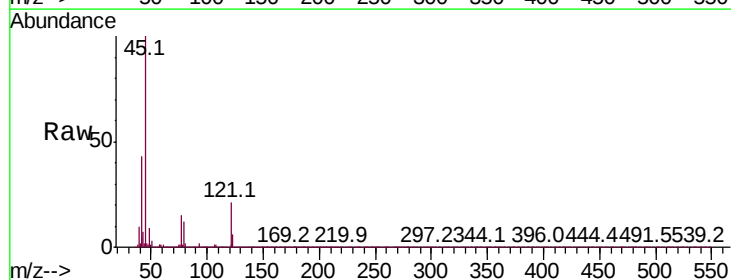
Tgt Ion: 45 Resp: 434545

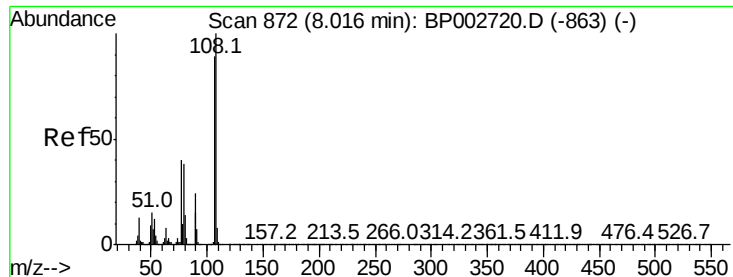
Ion Ratio Lower Upper

45 100

77 14.6 0.0 34.8

79 11.7 0.0 31.6





#17

2-Methylphenol

Concen: 38.407 ng

RT: 8.01 min Scan# 871

Delta R.T. -0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

Instrument :

BNA_P

ClientSampleId :

PB130369BS

Tot Ion:107 Resp: 259129

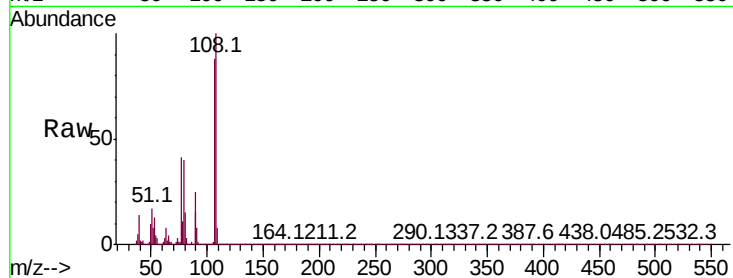
Ion Ratio Lower Upper

107 100

108 114.2 89.9 134.9

77 47.4 36.6 54.8

79 45.9 34.9 52.3

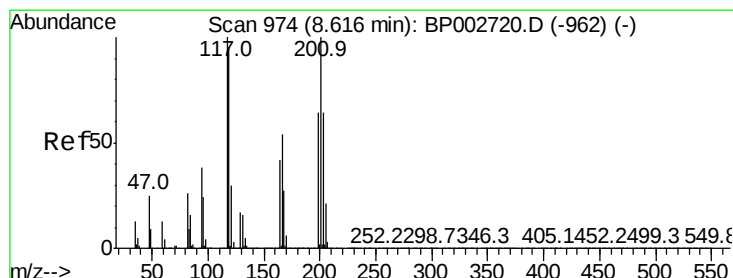
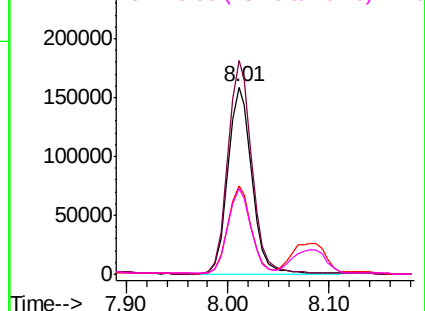
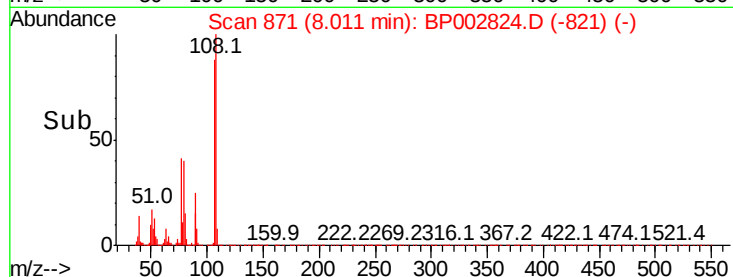


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 42.129 ng

RT: 8.61 min Scan# 973

Delta R.T. -0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

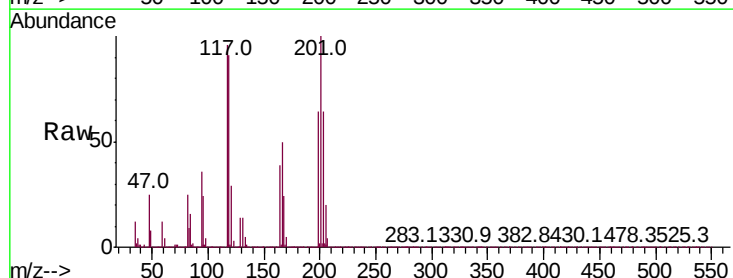
Tgt Ion:117 Resp: 123760

Ion Ratio Lower Upper

117 100

119 94.7 76.6 115.0

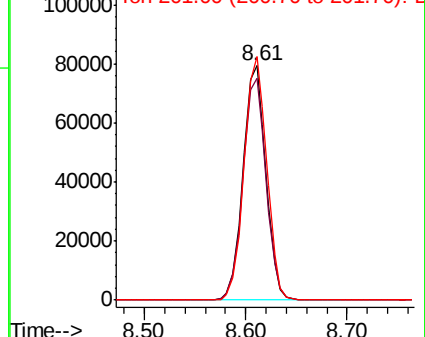
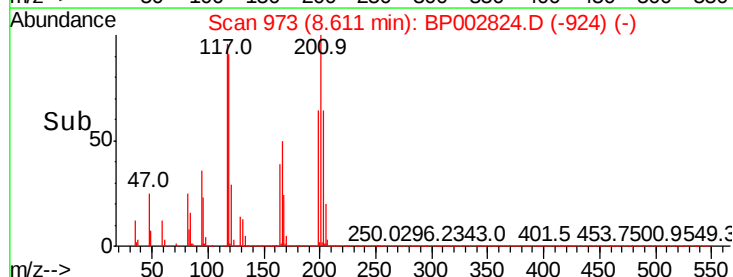
201 103.9 80.3 120.5

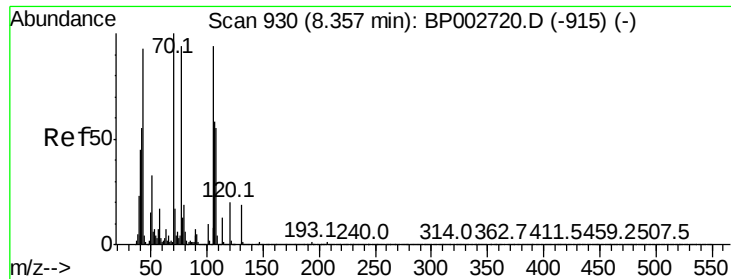


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

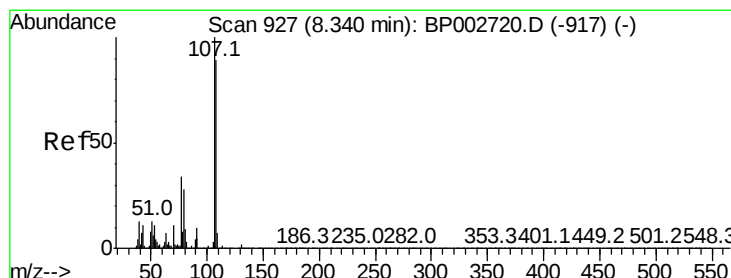
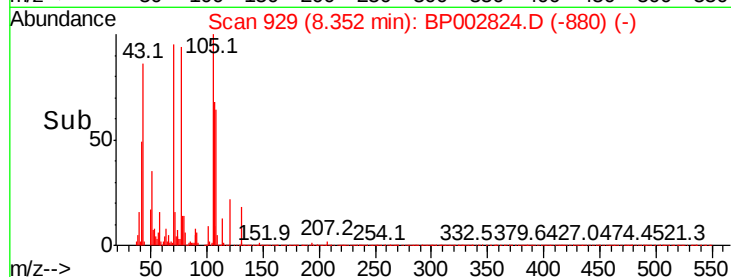
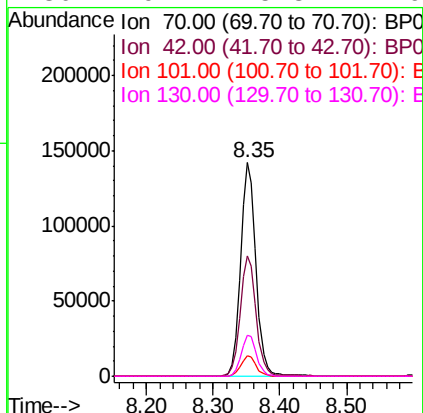
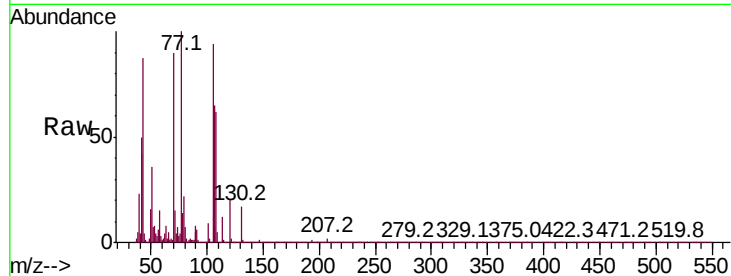




#19
n-Nitroso-di-n-propylamine
Concen: 40.269 ng
RT: 8.35 min Scan# 929
Delta R.T. -0.01 min
Lab File: BP002824.D
Acq: 22 Jul 2020 14:28

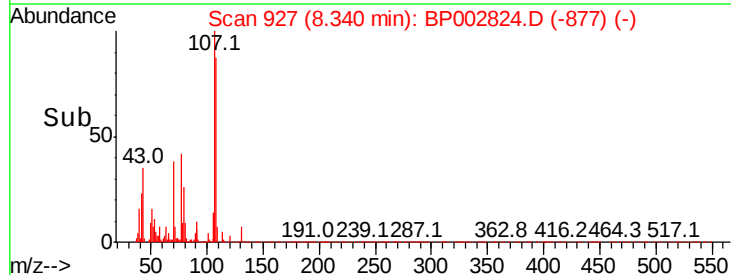
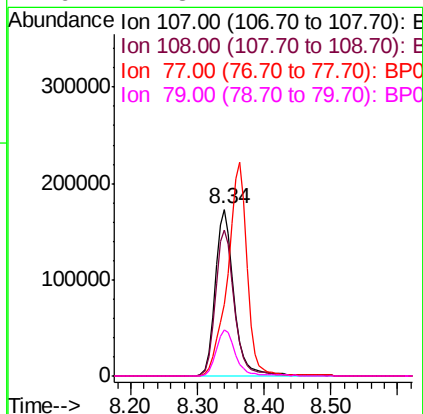
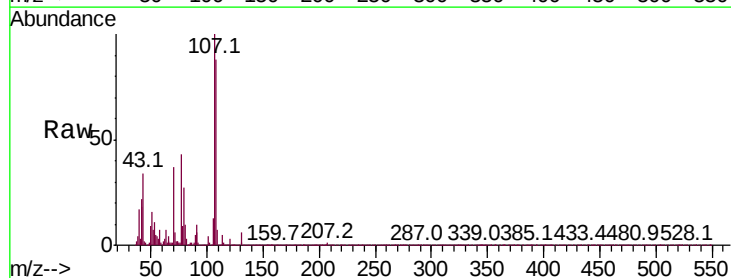
Instrument :
BNA_P
ClientSampleId :
PB130369BS

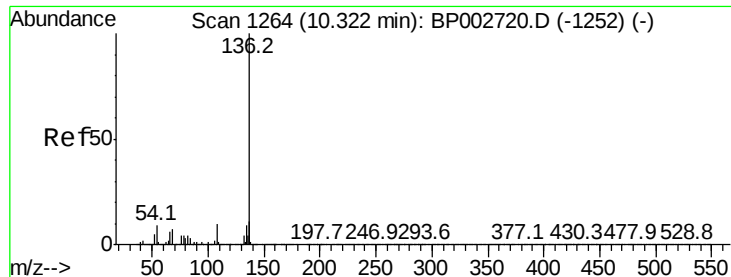
Tot Ion:	70	Resp:	226705
Ion	Ratio	Lower	Upper
70	100		
42	56.3	44.2	66.4
101	9.5	7.7	11.5
130	19.2	15.3	22.9



#20
3+4-Methylphenols
Concen: 38.247 ng
RT: 8.34 min Scan# 927
Delta R.T. -0.01 min
Lab File: BP002824.D
Acq: 22 Jul 2020 14:28

Tgt Ion:	107	Resp:	341204
Ion	Ratio	Lower	Upper
107	100		
108	87.6	69.5	109.5
77	42.6	14.3	54.3
79	27.3	7.7	47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.32 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

Instrument :

BNA_P

ClientSampleId :

PB130369BS

Tot Ion:136 Resp: 419540

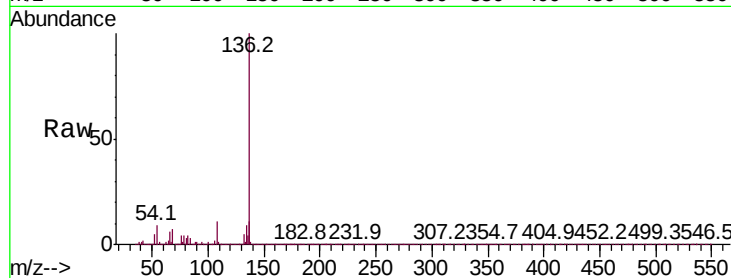
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 9.3 6.9 10.3

68 7.1 5.7 8.5



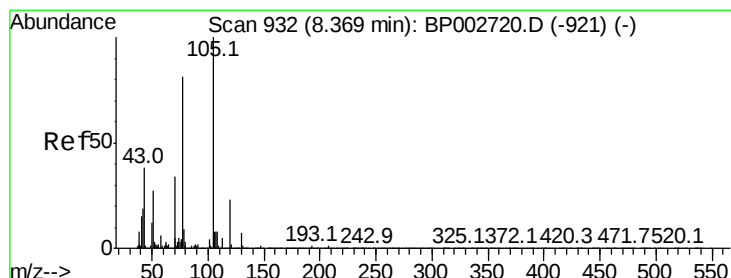
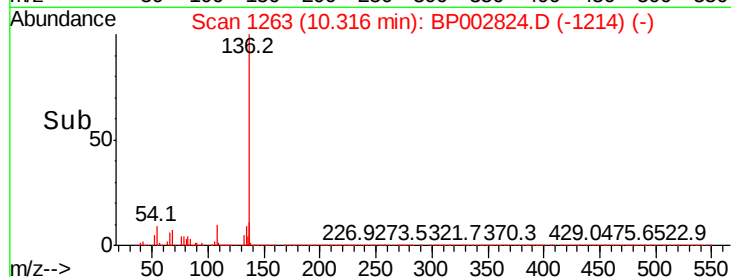
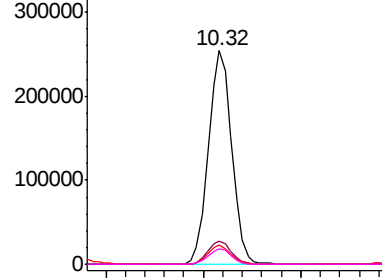
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#22

Acetophenone

Concen: 42.645 ng

RT: 8.36 min Scan# 931

Delta R.T. -0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

Tgt Ion:105 Resp: 441069

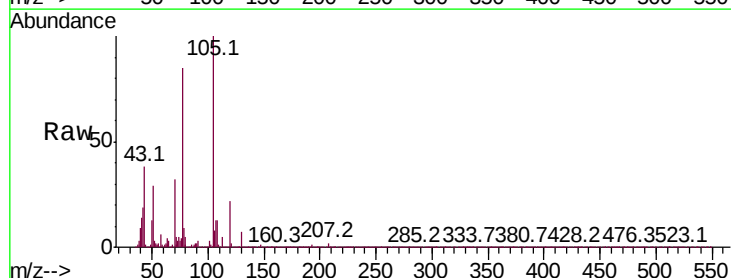
Ion Ratio Lower Upper

105 100

71 5.2 4.4 6.6

51 29.4 21.8 32.8

120 21.9 18.2 27.2



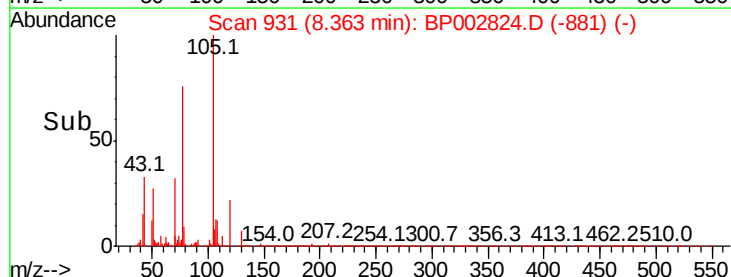
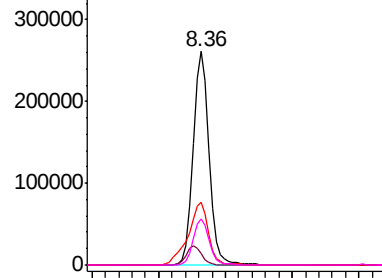
Abundance

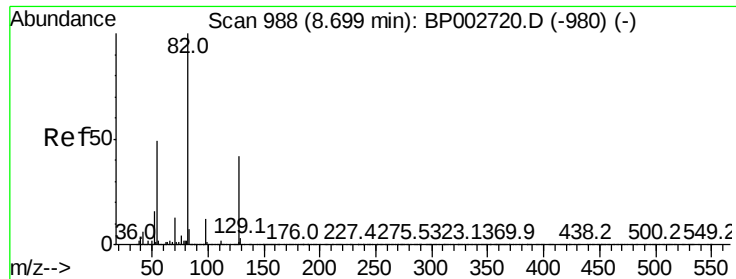
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BP0

Ion 51.00 (50.70 to 51.70): BP0

Ion 120.00 (119.70 to 120.70): E

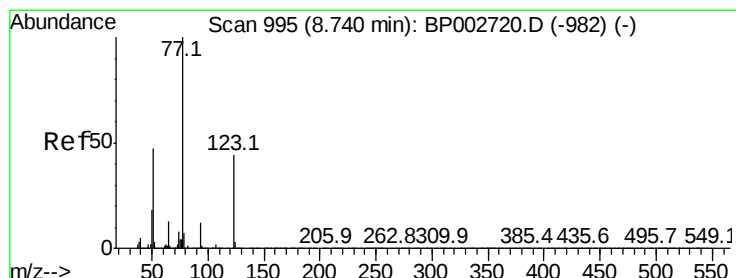
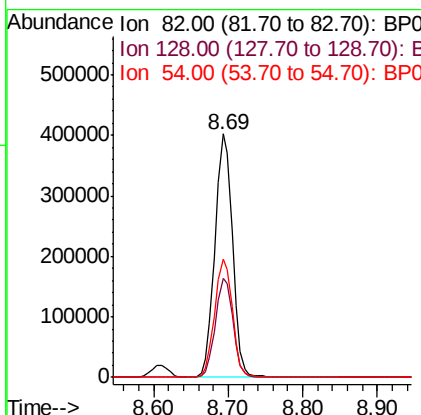
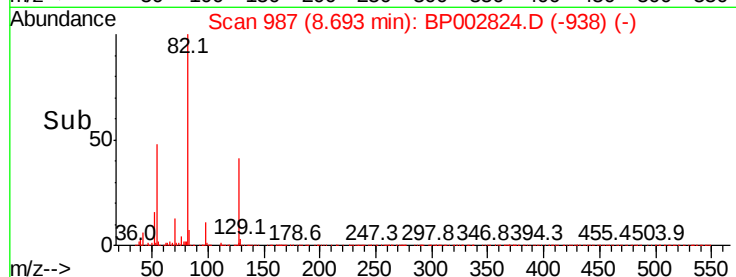
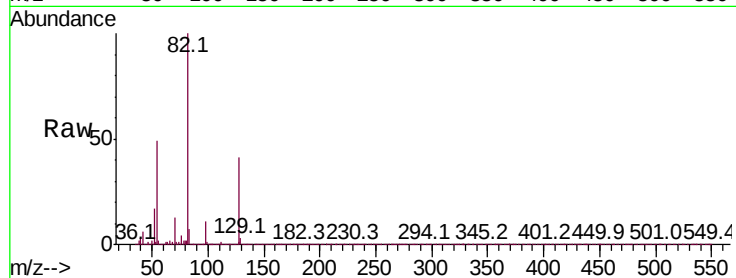




#23
Nitrobenzene-d5
Concen: 83.671 ng
RT: 8.69 min Scan# 987
Delta R.T. -0.01 min
Lab File: BP002824.D
Acq: 22 Jul 2020 14:28

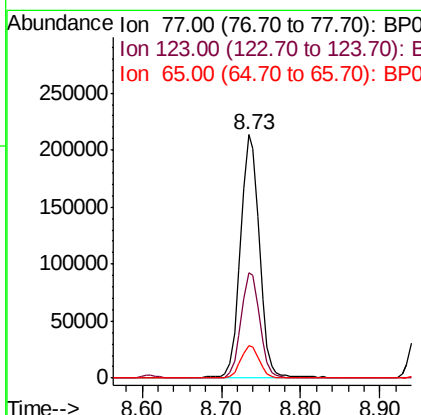
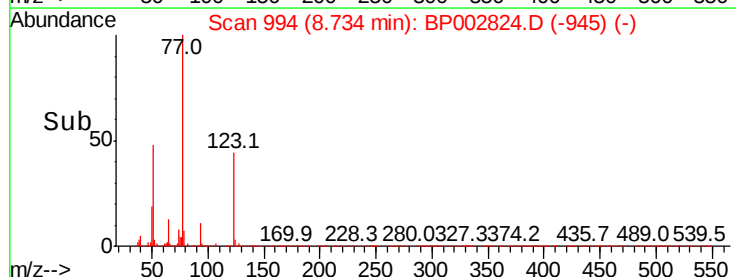
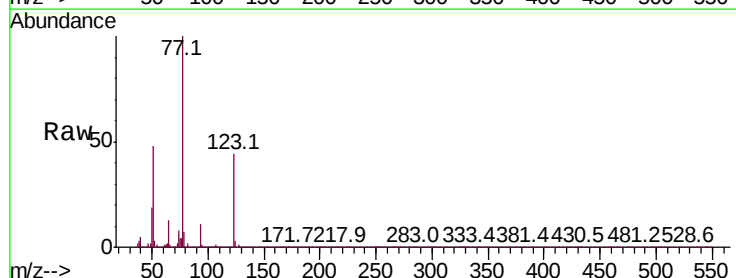
Instrument :
BNA_P
ClientSampleId :
PB130369BS

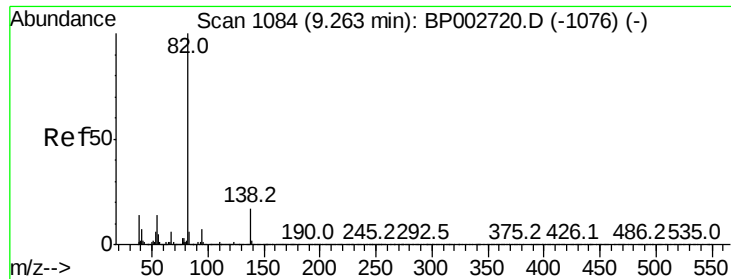
Tot Ion: 82 Resp: 656341
Ion Ratio Lower Upper
82 100
128 40.6 33.8 50.8
54 48.5 38.8 58.2



#24
Nitrobenzene
Concen: 41.505 ng
RT: 8.73 min Scan# 994
Delta R.T. -0.01 min
Lab File: BP002824.D
Acq: 22 Jul 2020 14:28

Tgt Ion: 77 Resp: 352598
Ion Ratio Lower Upper
77 100
123 43.5 35.0 52.6
65 13.2 10.4 15.6

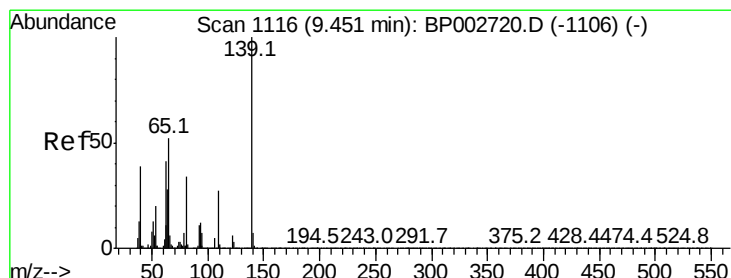
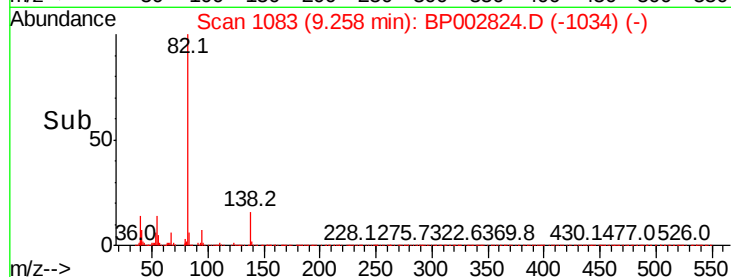
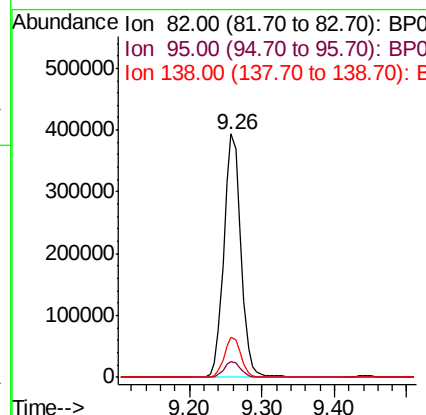
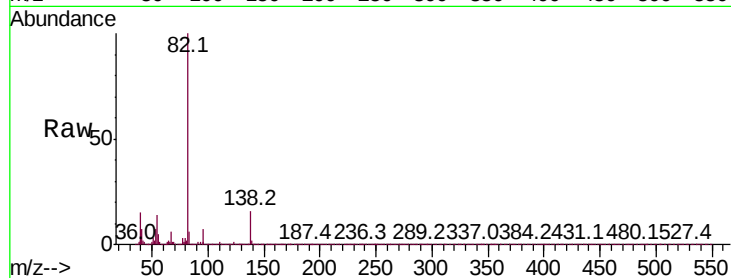




#25
Isophorone
Concen: 40.325 ng
RT: 9.26 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BP002824.D
Acq: 22 Jul 2020 14:28

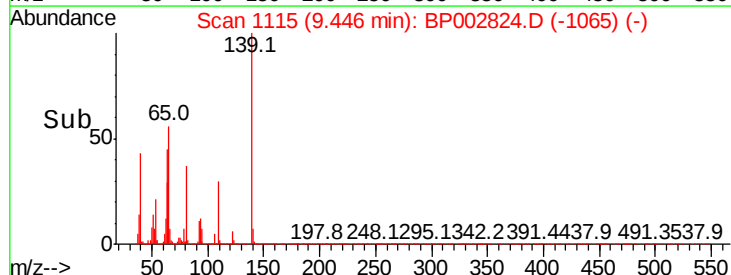
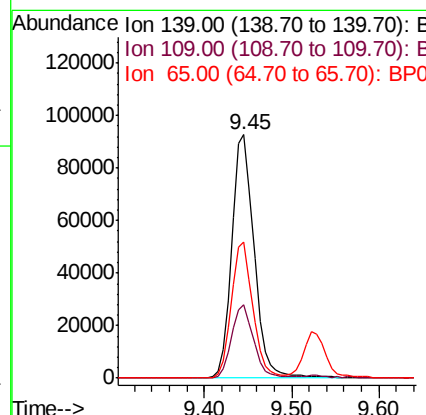
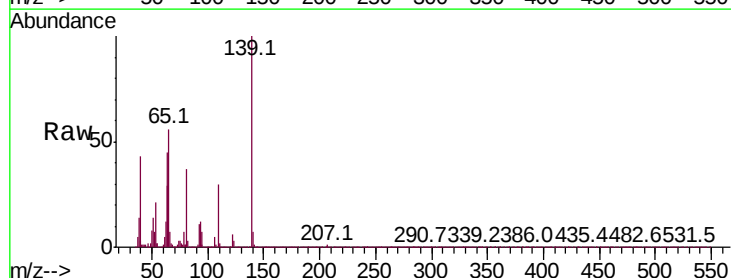
Instrument :
BNA_P
ClientSampleId :
PB130369BS

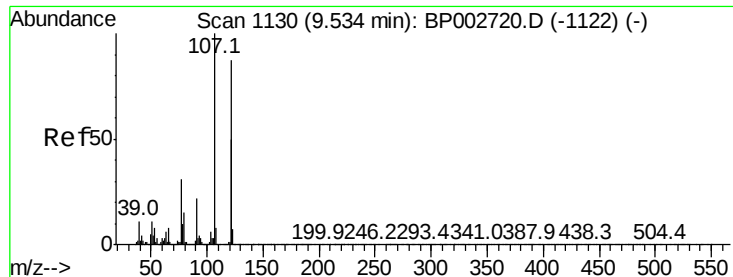
Tot Ion: 82 Resp: 644698
Ion Ratio Lower Upper
82 100
95 6.6 5.2 7.8
138 16.4 13.2 19.8



#26
2-Nitrophenol
Concen: 43.833 ng
RT: 9.45 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BP002824.D
Acq: 22 Jul 2020 14:28

Tgt Ion: 139 Resp: 160836
Ion Ratio Lower Upper
139 100
109 30.1 21.9 32.9
65 56.1 41.3 61.9





#27

2,4-Dimethylphenol

Concen: 46.469 ng

RT: 9.53 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

Instrument :

BNA_P

ClientSampleId :

PB130369BS

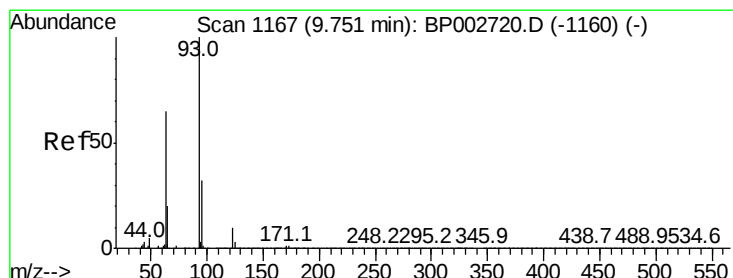
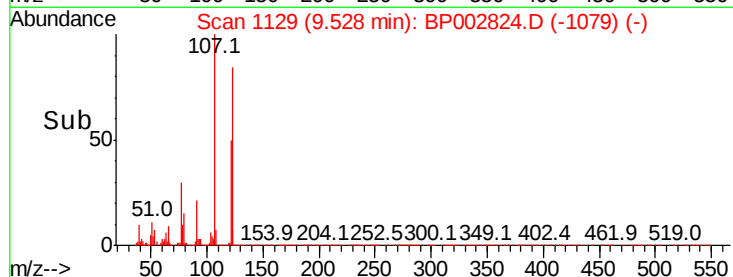
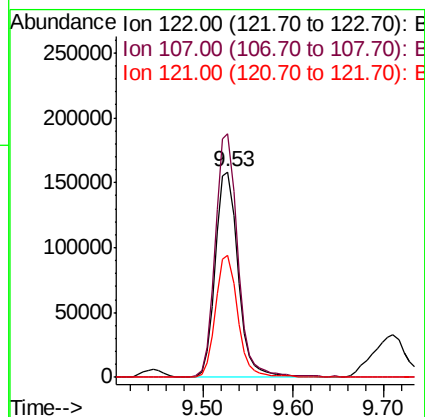
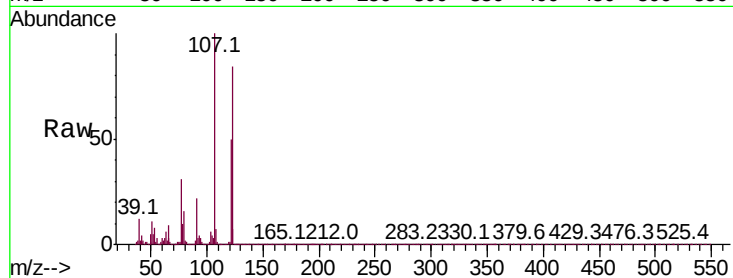
Tot Ion:122 Resp: 276820

Ion Ratio Lower Upper

122 100

107 118.6 92.2 138.4

121 59.3 45.8 68.6



#28

bis(2-Chloroethoxy)methane

Concen: 41.419 ng

RT: 9.75 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

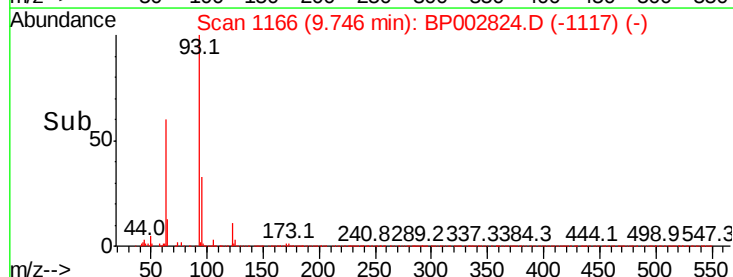
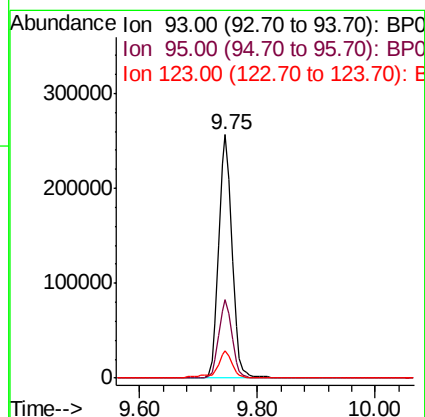
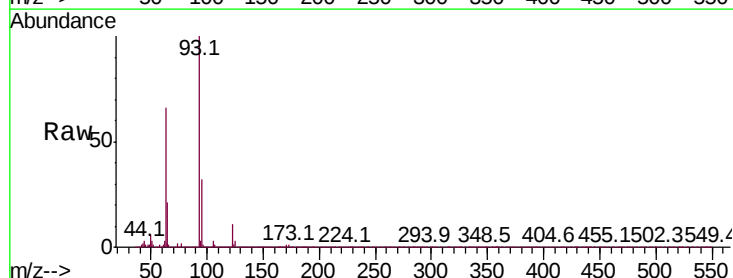
Tgt Ion: 93 Resp: 402215

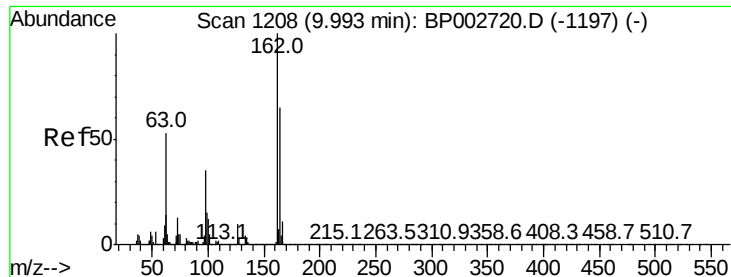
Ion Ratio Lower Upper

93 100

95 32.4 25.8 38.6

123 11.0 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 42.649 ng

RT: 9.99 min Scan# 1208

Delta R.T. 0.00 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

Instrument :

BNA_P

ClientSampleId :

PB130369BS

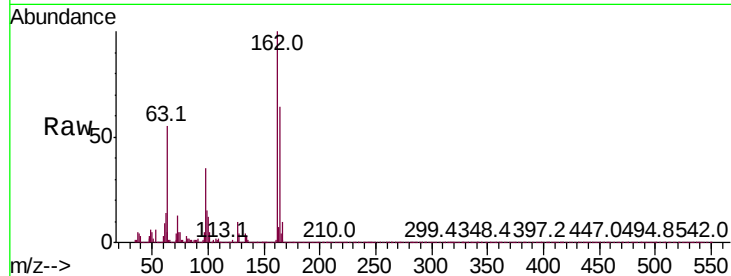
Tot Ion:162 Resp: 280108

Ion Ratio Lower Upper

162 100

164 63.7 44.5 84.5

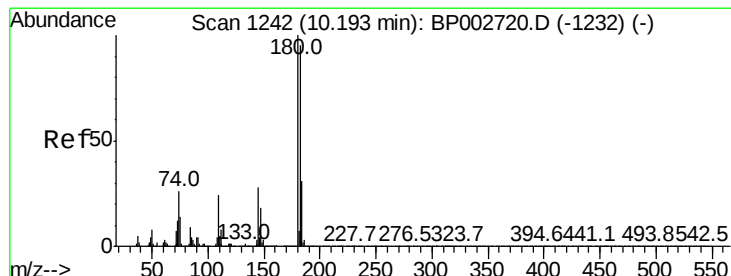
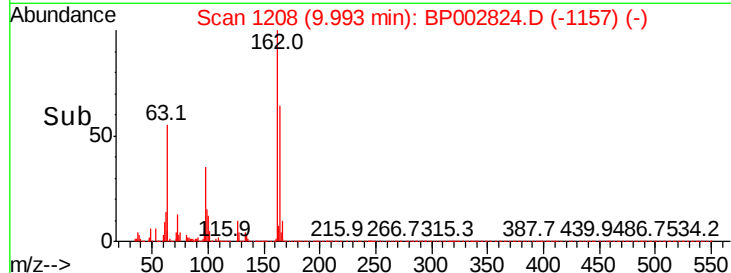
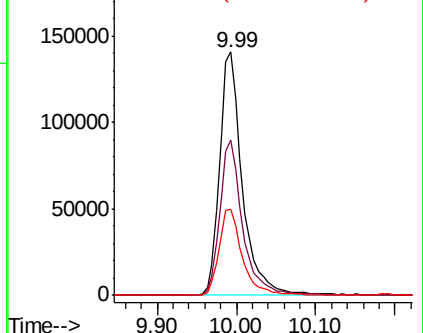
98 35.2 15.2 55.2



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: 39.259 ng

RT: 10.19 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

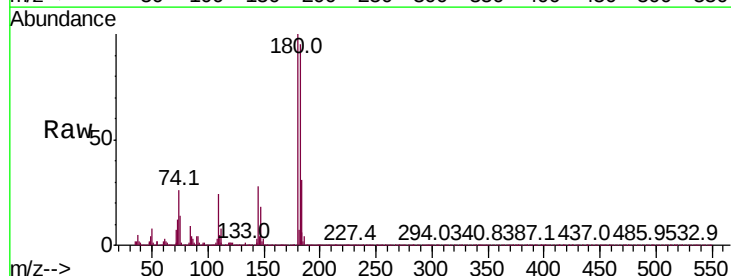
Tgt Ion:180 Resp: 295331

Ion Ratio Lower Upper

180 100

182 94.7 75.8 113.6

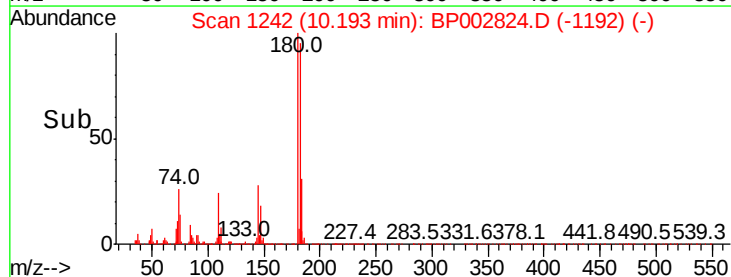
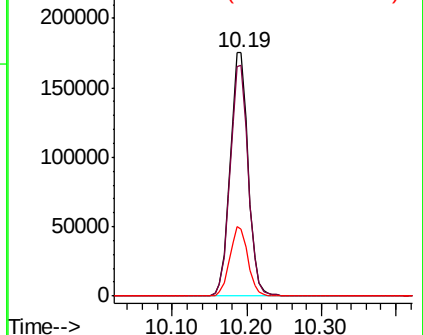
145 27.7 22.6 34.0

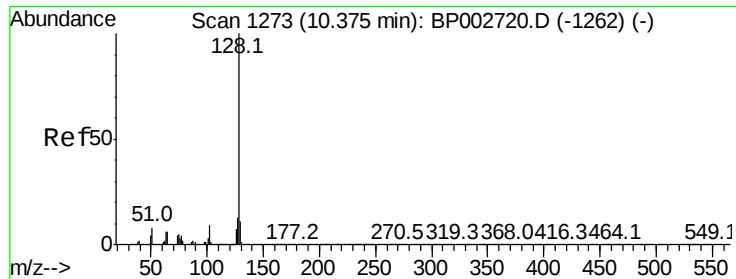


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.434 ng

RT: 10.37 min Scan# 1272

Delta R.T. -0.01 min

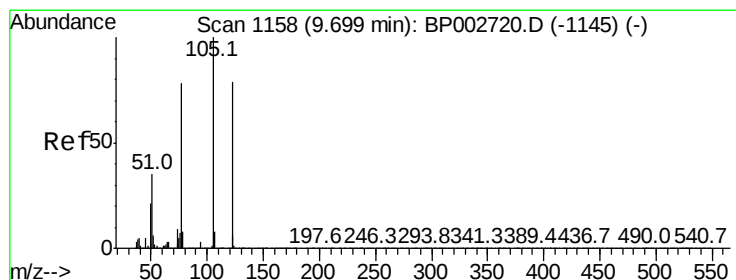
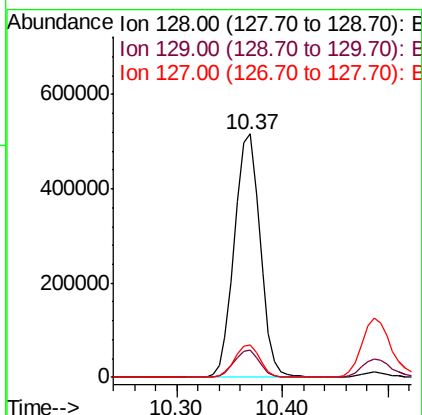
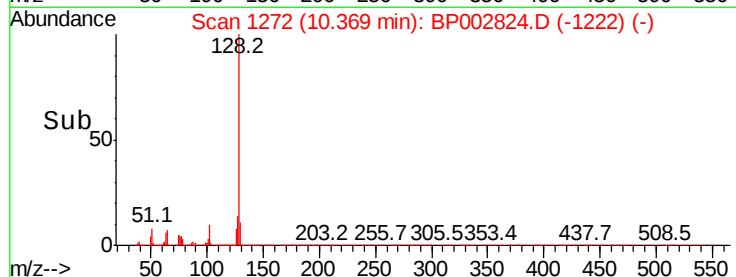
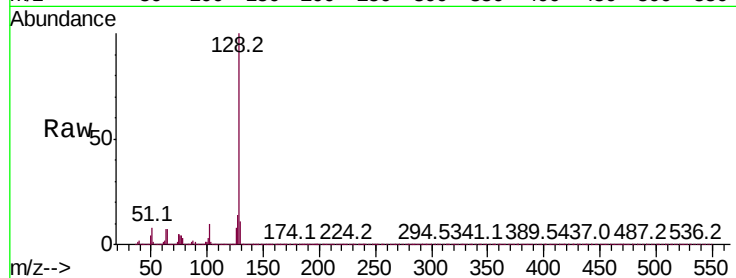
Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

Instrument :
BNA_P
ClientSampleId :
PB130369BS

Tot Ion:128 Resp: 873452

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.5	10.6	15.8



#32

Benzoic acid

Concen: 25.340 ng

RT: 9.71 min Scan# 1160

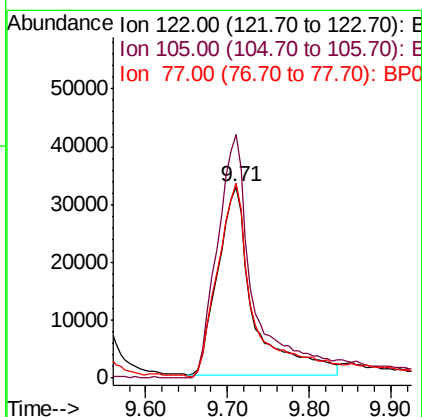
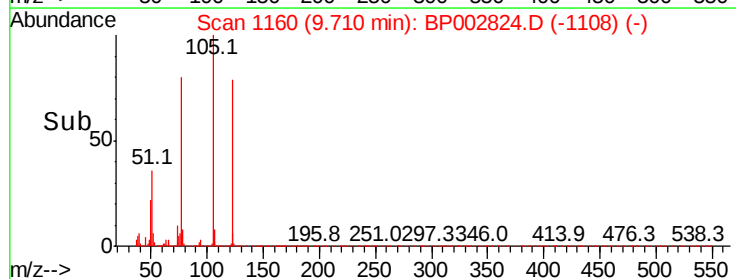
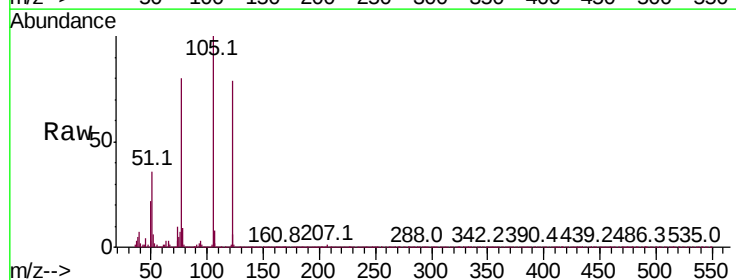
Delta R.T. 0.01 min

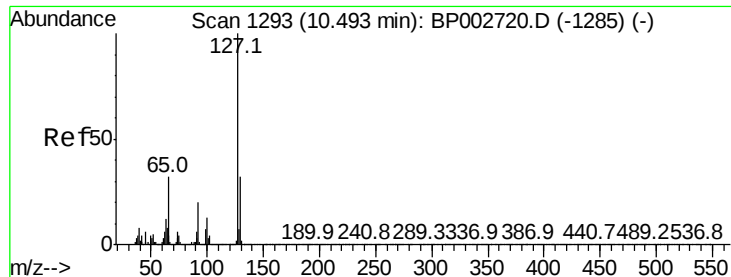
Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

Tgt Ion:122 Resp: 98767

Ion	Ratio	Lower	Upper
122	100		
105	127.1	105.4	145.4
77	101.9	78.5	118.5

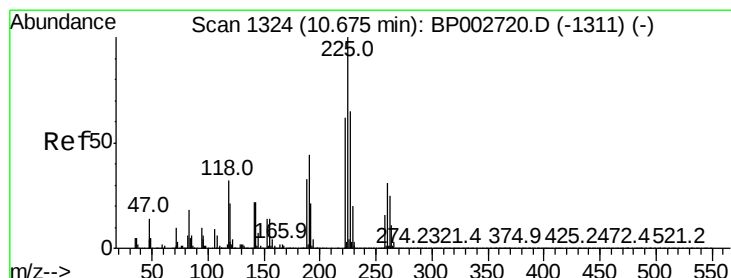
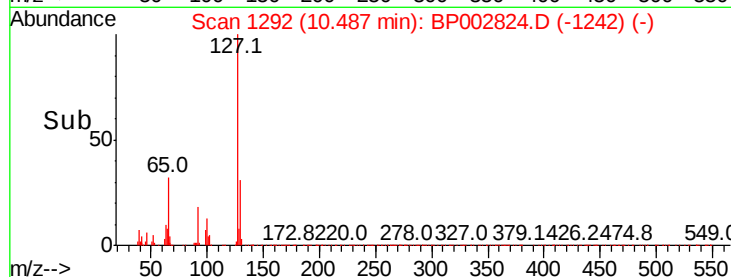
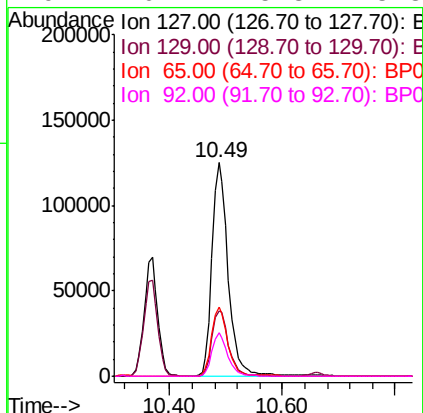
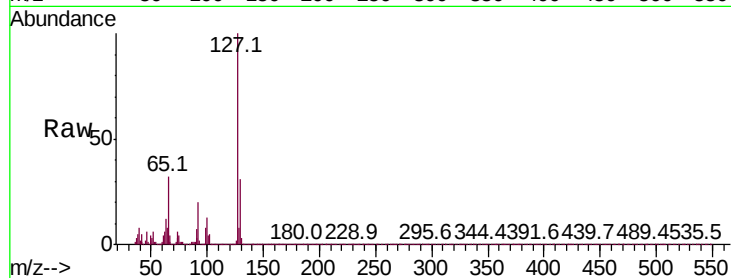




#33
4-Chloroaniline
Concen: 26.132 ng
RT: 10.49 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BP002824.D
Acq: 22 Jul 2020 14:28

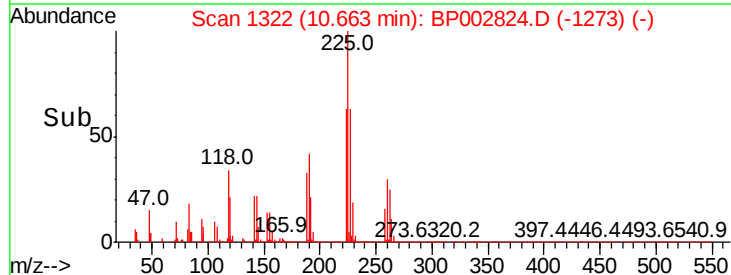
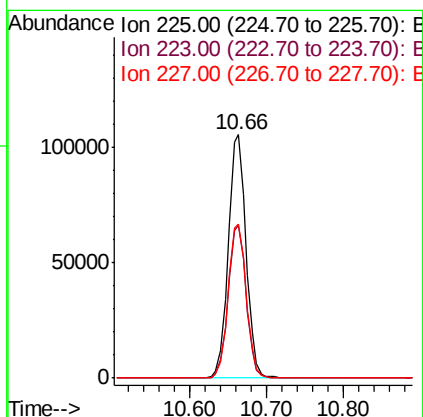
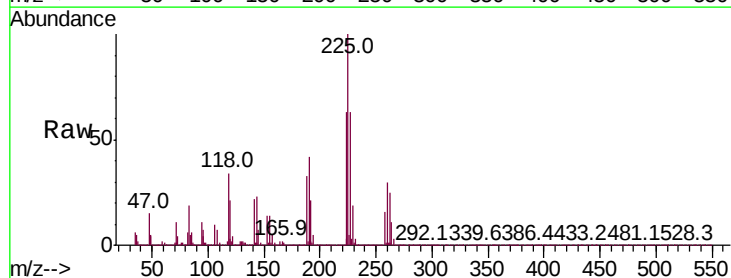
Instrument :
BNA_P
ClientSampleId :
PB130369BS

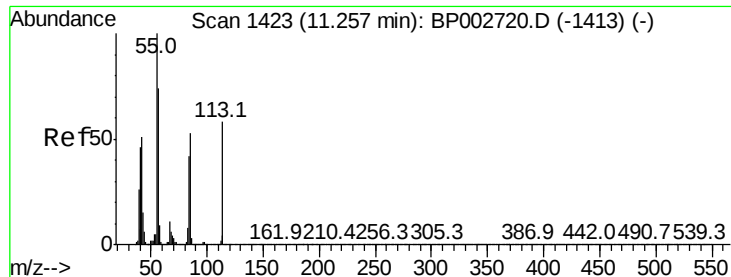
Tot Ion:	127	Resp:	248030
Ion	Ratio	Lower	Upper
127	100		
129	30.7	25.3	37.9
65	32.5	25.4	38.2
92	20.4	15.8	23.8



#34
Hexachlorobutadiene
Concen: 38.947 ng
RT: 10.66 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BP002824.D
Acq: 22 Jul 2020 14:28

Tgt Ion:	225	Resp:	169341
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.9	74.9
227	63.4	51.8	77.6

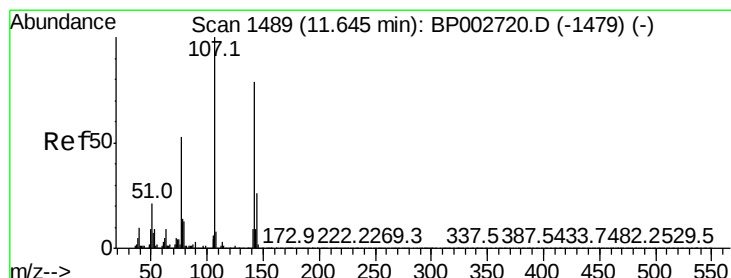
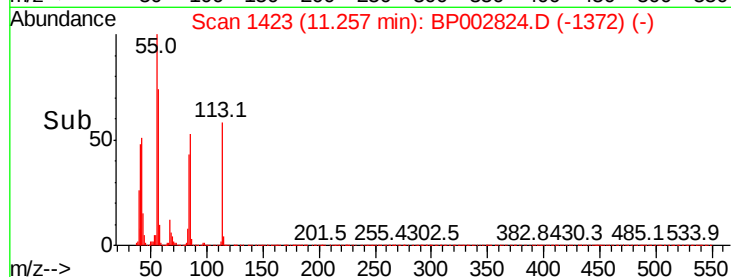
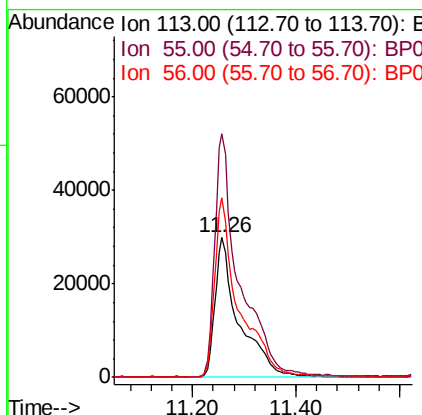
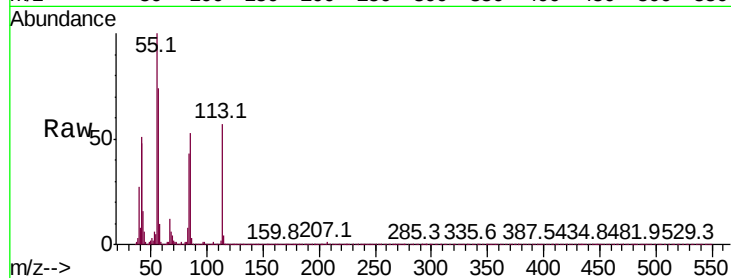




#35
 Caprolactam
 Concen: 42.049 ng
 RT: 11.26 min Scan# 1423
 Delta R.T. 0.00 min
 Lab File: BP002824.D
 Acq: 22 Jul 2020 14:28

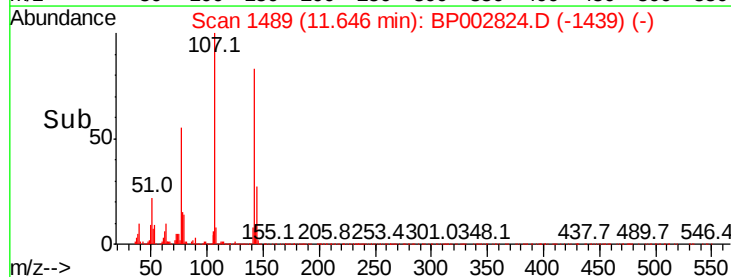
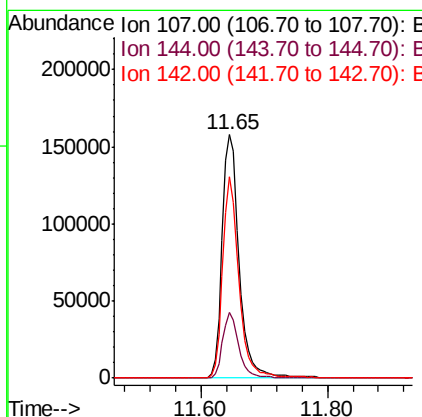
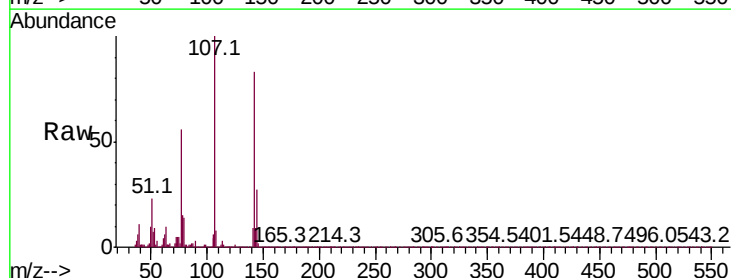
Instrument :
 BNA_P
 ClientSampleId :
 PB130369BS

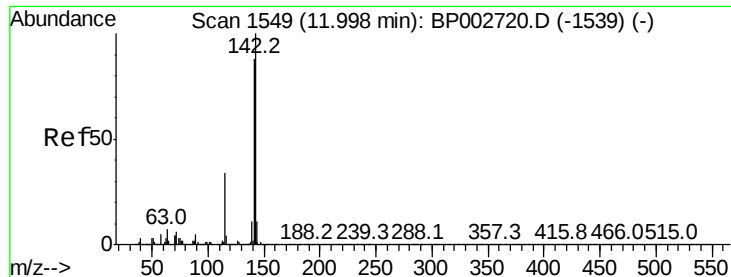
Tot Ion:113 Resp: 96558
 Ion Ratio Lower Upper
 113 100
 55 174.5 152.8 192.8
 56 129.0 107.5 147.5



#36
 4-Chloro-3-methylphenol
 Concen: 41.746 ng
 RT: 11.65 min Scan# 1489
 Delta R.T. -0.01 min
 Lab File: BP002824.D
 Acq: 22 Jul 2020 14:28

Tgt Ion:107 Resp: 295536
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.6 30.8
 142 82.8 63.4 95.2

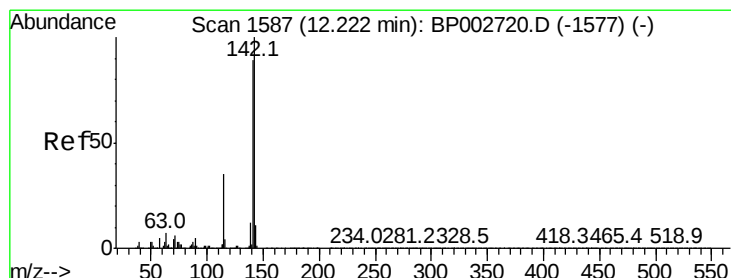
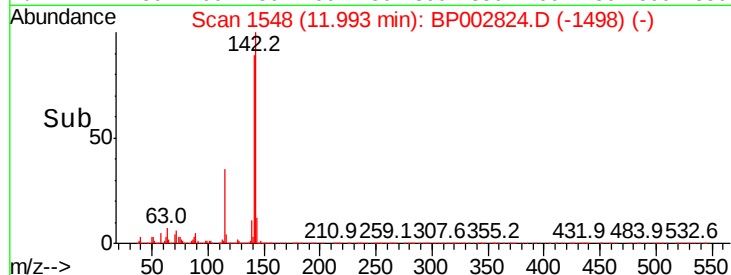
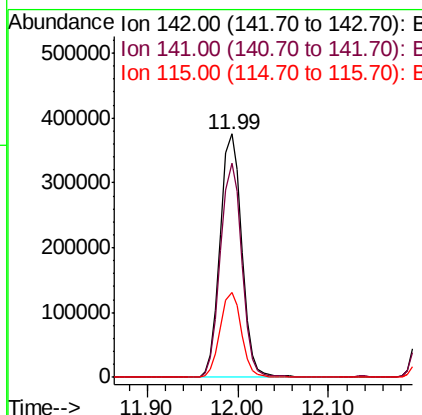
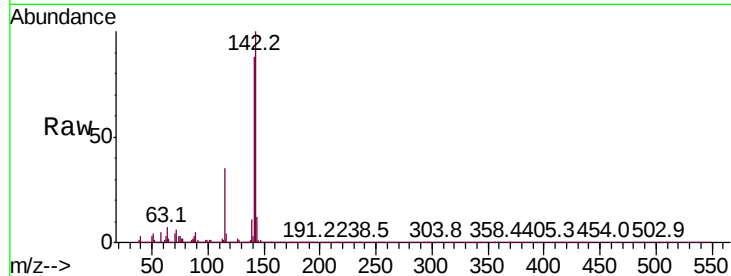




#37
2-Methylnaphthalene
Concen: 39.696 ng
RT: 11.99 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BP002824.D
Acq: 22 Jul 2020 14:28

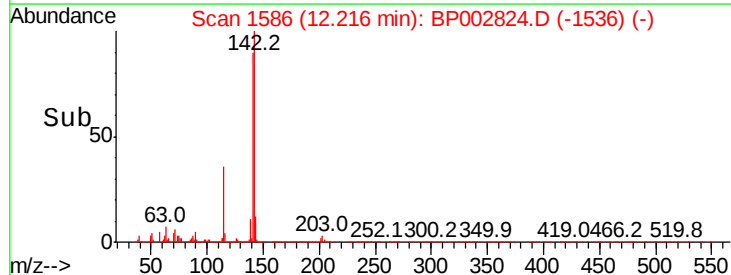
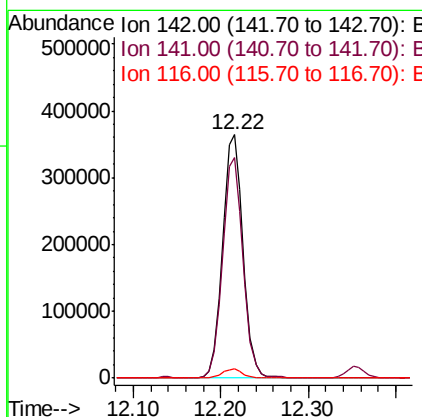
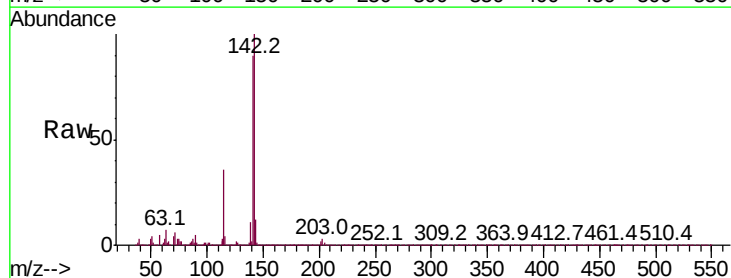
Instrument :
BNA_P
ClientSampleId :
PB130369BS

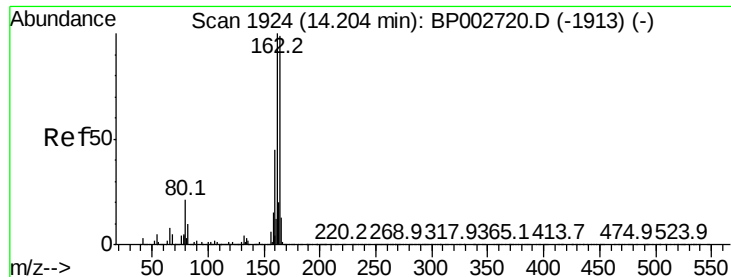
Tot Ion:142 Resp: 620465
Ion Ratio Lower Upper
142 100
141 87.9 70.4 105.6
115 34.9 27.0 40.6



#38
1-Methylnaphthalene
Concen: 39.520 ng
RT: 12.22 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BP002824.D
Acq: 22 Jul 2020 14:28

Tgt Ion:142 Resp: 584243
Ion Ratio Lower Upper
142 100
141 90.3 71.5 107.3
116 3.9 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.20 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

Instrument :

BNA_P

ClientSampleId :

PB130369BS

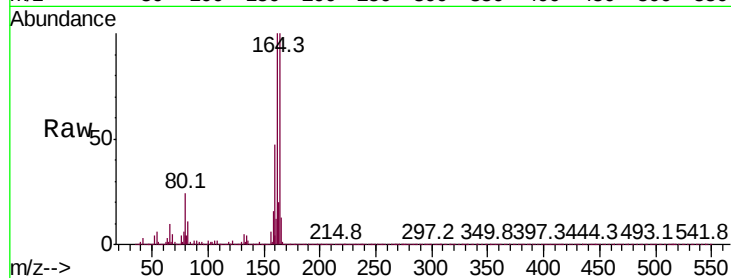
Tot Ion:164 Resp: 245468

Ion Ratio Lower Upper

164 100

162 100.2 80.6 121.0

160 46.8 36.4 54.6

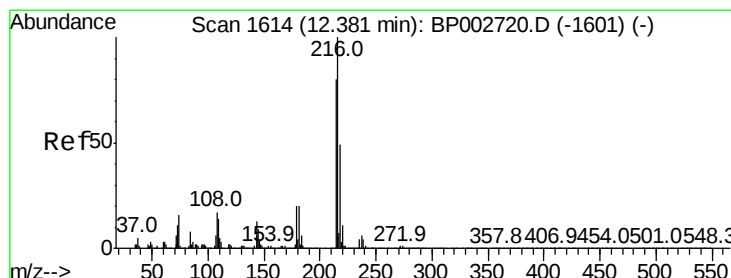
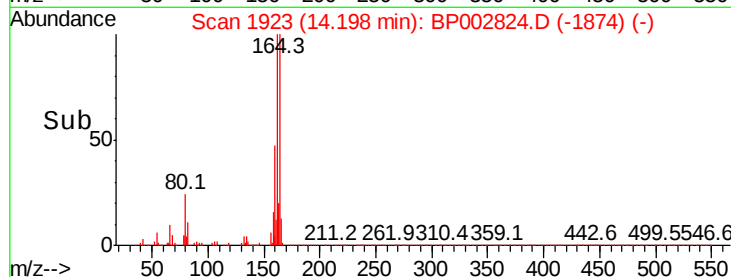
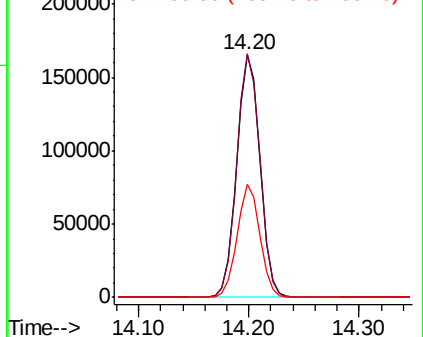


Abundance

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: 41.873 ng

RT: 12.38 min Scan# 1613

Delta R.T. -0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

Tgt Ion:216 Resp: 315889

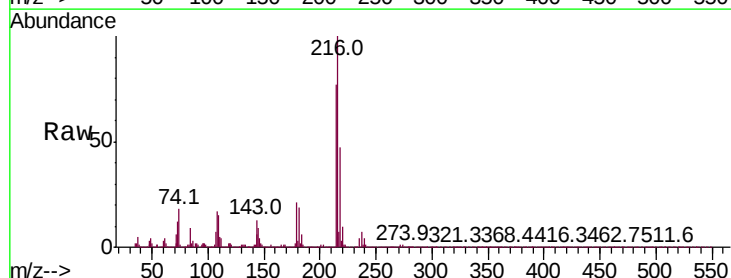
Ion Ratio Lower Upper

216 100

214 77.6 63.4 95.2

179 20.2 16.2 24.2

108 19.4 14.8 22.2



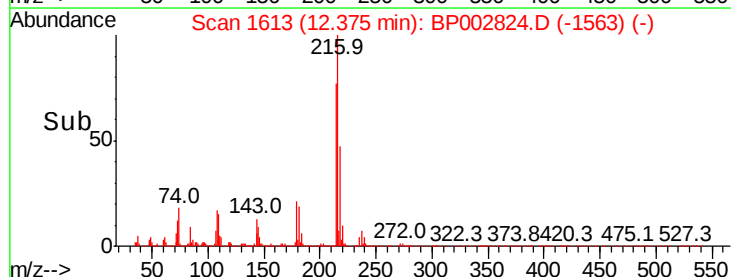
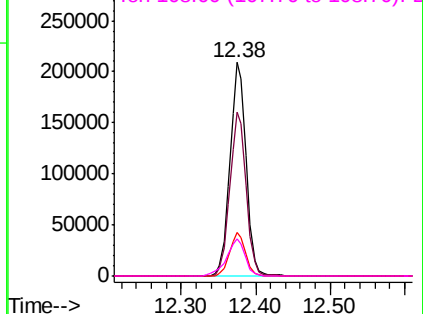
Abundance

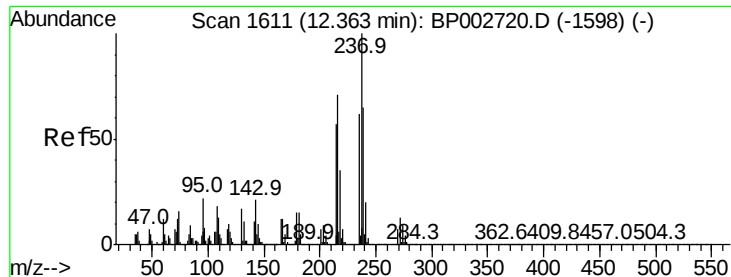
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 65.276 ng

RT: 12.36 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

Instrument :

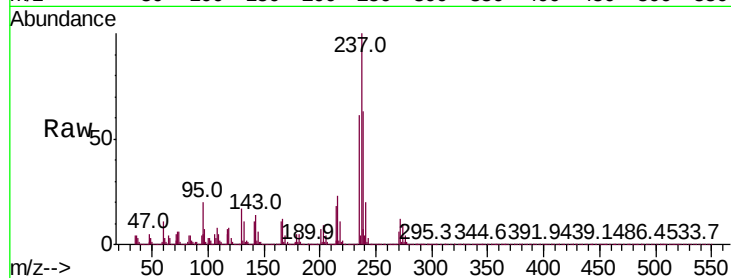
BNA_P

ClientSampleId :

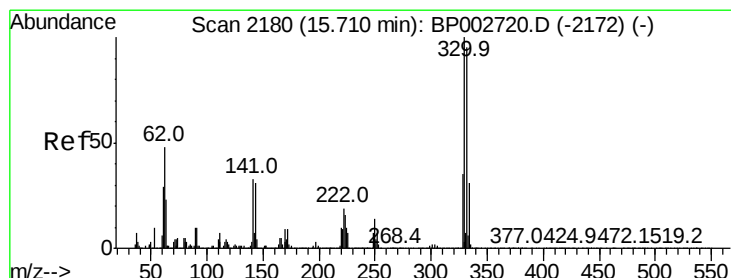
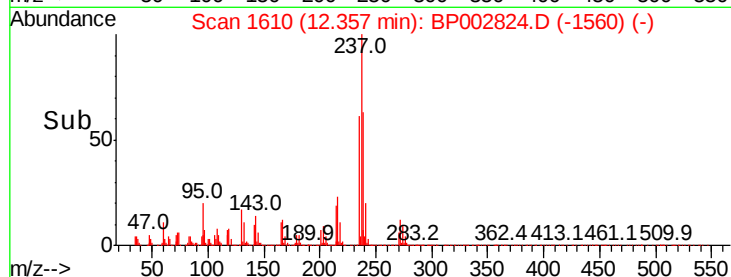
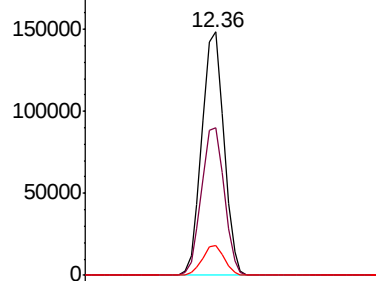
PB130369BS

Tot Ion:237 Resp: 213084

Ion	Ratio	Lower	Upper
237	100		
235	60.5	42.3	82.3
272	12.0	0.0	32.5



Abundance Ion 236.80 (236.50 to 237.50): E
 200000 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 122.982 ng

RT: 15.71 min Scan# 2180

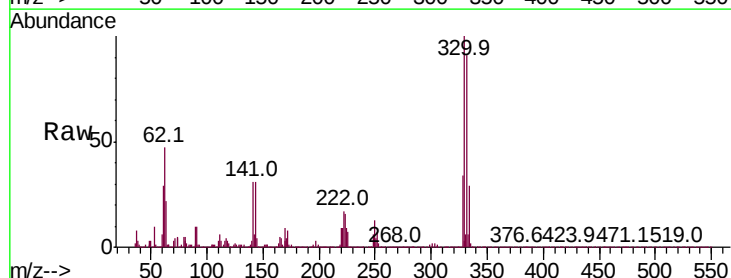
Delta R.T. 0.00 min

Lab File: BP002824.D

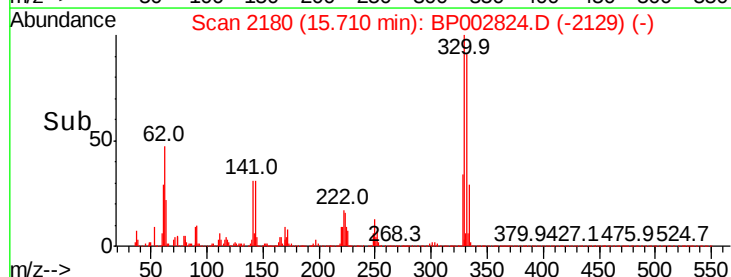
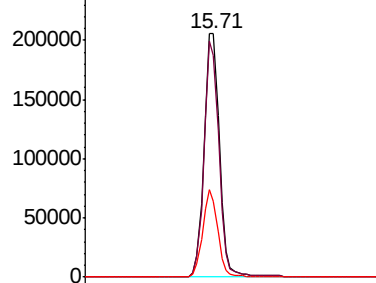
Acq: 22 Jul 2020 14:28

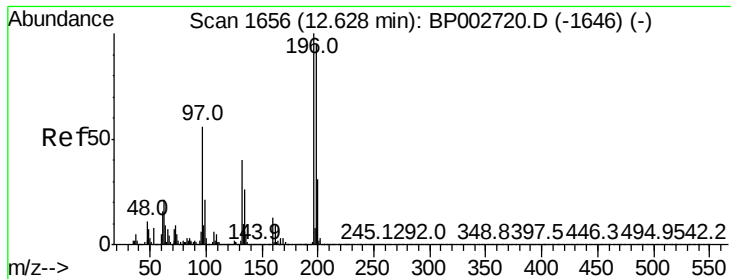
Tgt Ion:330 Resp: 315115

Ion	Ratio	Lower	Upper
330	100		
332	93.1	76.5	114.7
141	34.8	28.8	43.2



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

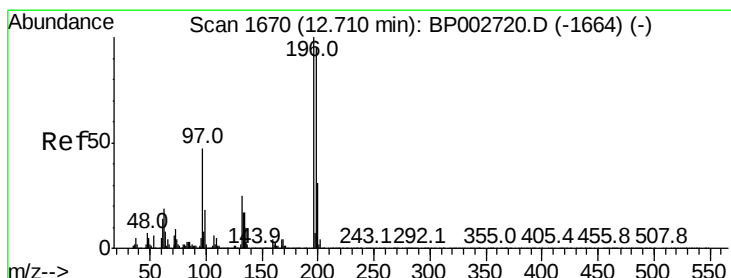
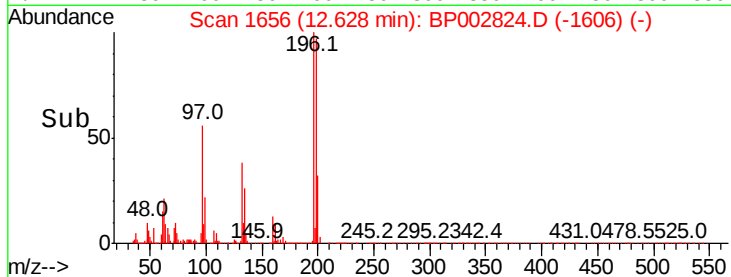
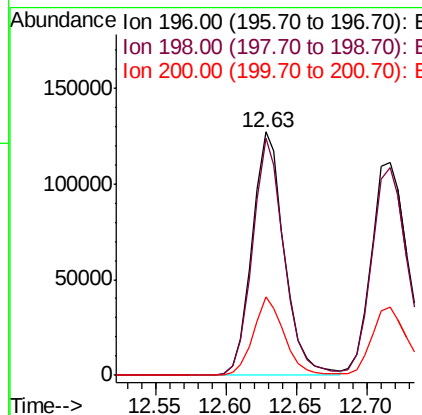
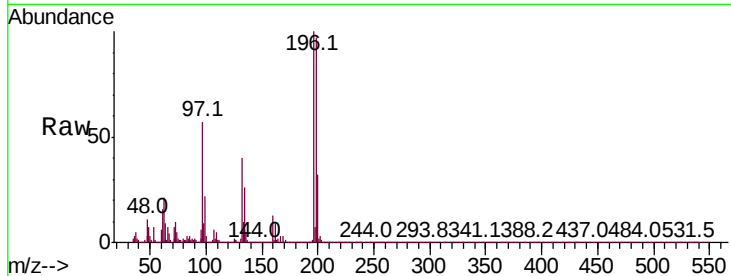




#43
 2,4,6-Trichlorophenol
 Concen: 42.160 ng
 RT: 12.63 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BP002824.D
 Acq: 22 Jul 2020 14:28

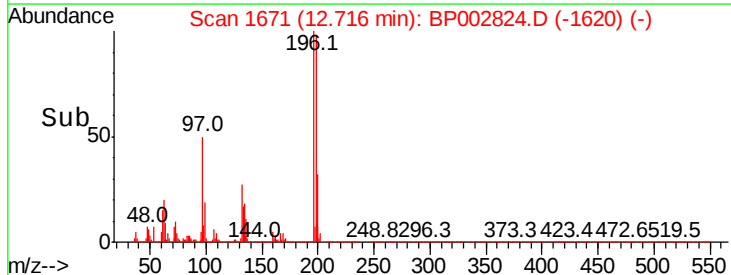
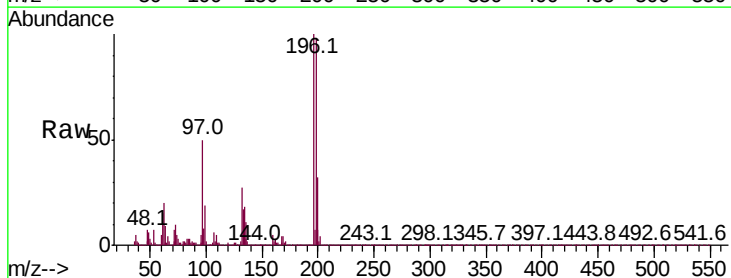
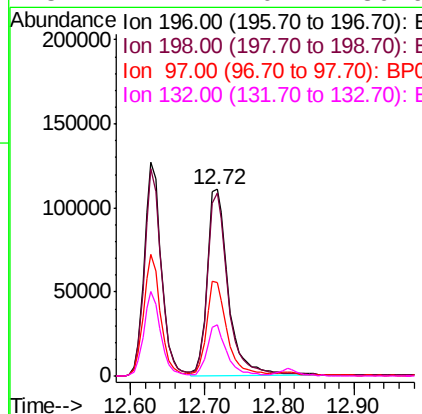
Instrument :
 BNA_P
 ClientSampleId :
 PB130369BS

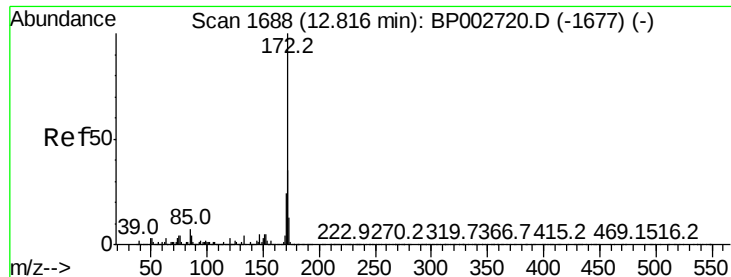
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.2	75.8	113.6
200	32.1	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 38.728 ng
 RT: 12.72 min Scan# 1671
 Delta R.T. 0.00 min
 Lab File: BP002824.D
 Acq: 22 Jul 2020 14:28

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.8	75.8	113.6
97	50.2	38.0	57.0
132	27.1	20.4	30.6

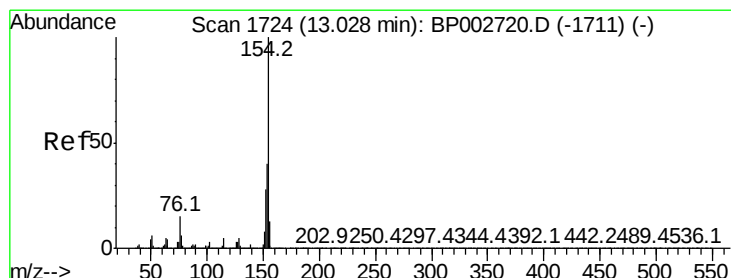
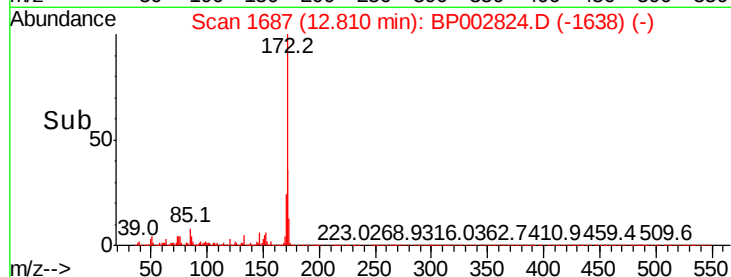
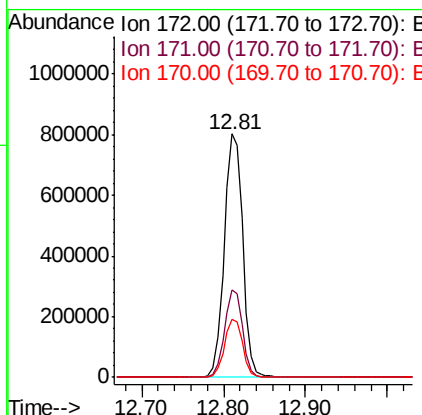
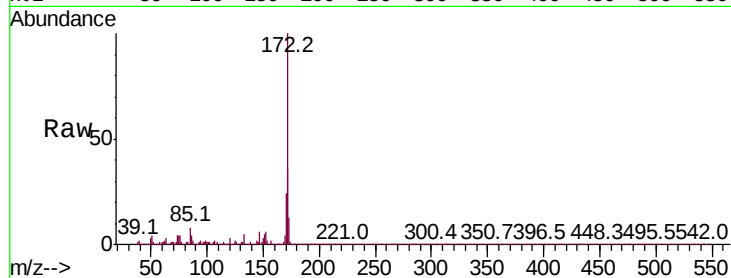




#45
2-Fluorobiphenyl
Concen: 79.214 ng
RT: 12.81 min Scan# 1687
Delta R.T. -0.01 min
Lab File: BP002824.D
Acq: 22 Jul 2020 14:28

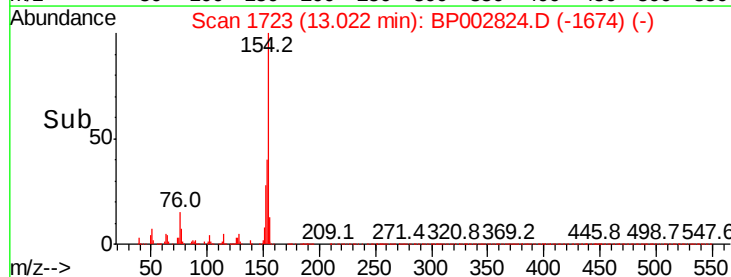
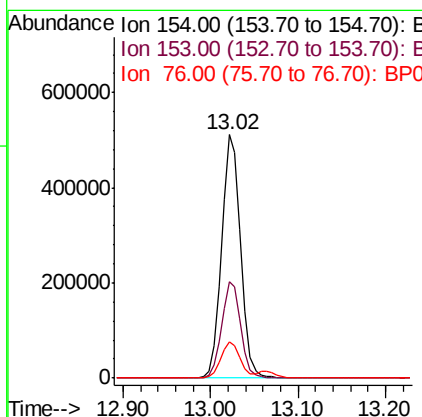
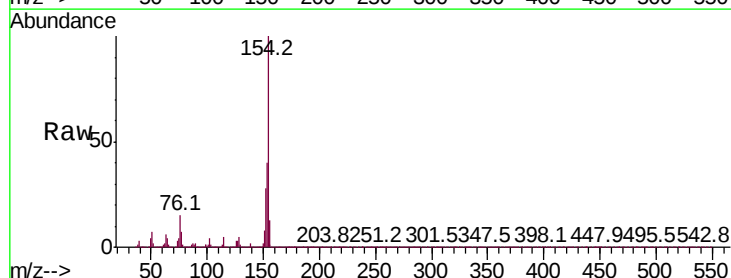
Instrument :
BNA_P
ClientSampleId :
PB130369BS

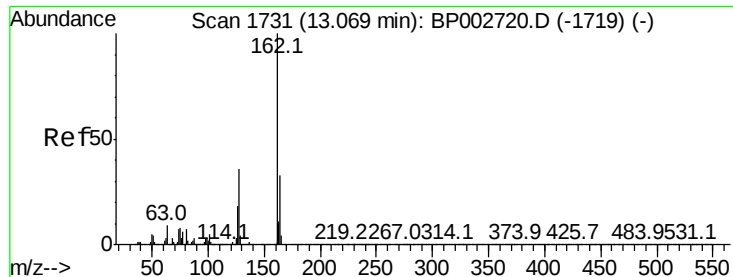
Tot Ion:172 Resp: 1256931
Ion Ratio Lower Upper
172 100
171 36.1 28.1 42.1
170 23.6 19.3 28.9



#46
1,1'-Biphenyl
Concen: 41.878 ng
RT: 13.02 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BP002824.D
Acq: 22 Jul 2020 14:28

Tgt Ion:154 Resp: 766359
Ion Ratio Lower Upper
154 100
153 39.9 19.8 59.8
76 15.1 0.0 34.7

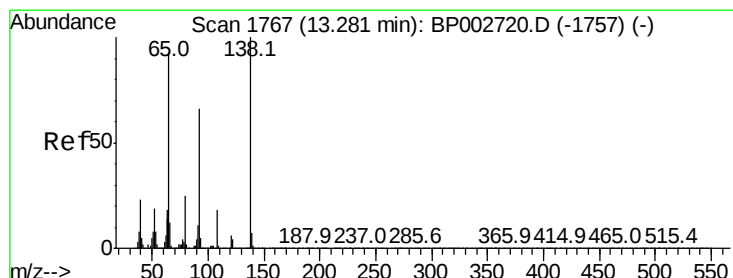
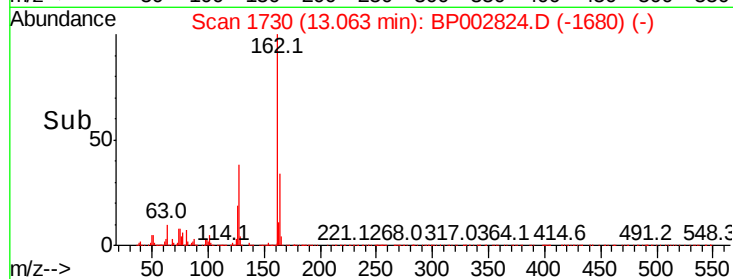
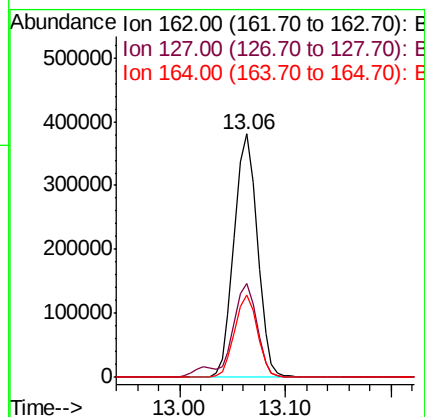
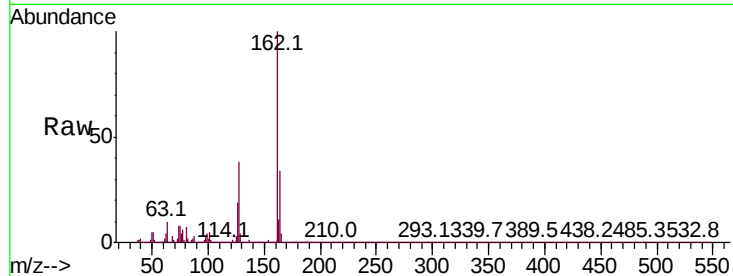




#47
2-Chloronaphthalene
Concen: 39.241 ng
RT: 13.06 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BP002824.D
Acq: 22 Jul 2020 14:28

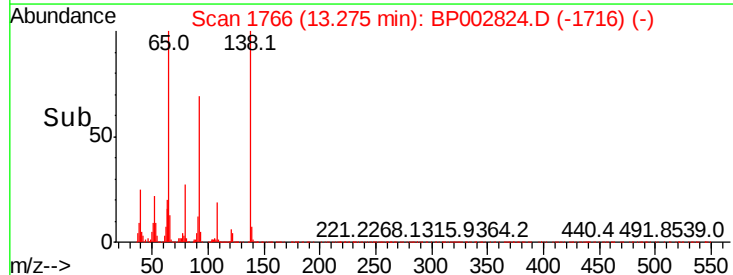
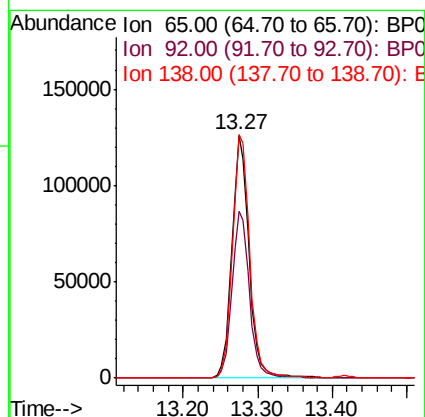
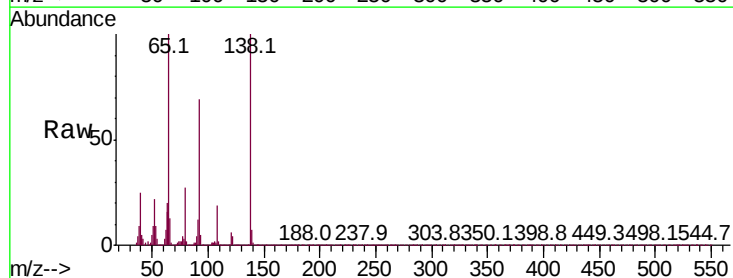
Instrument :
BNA_P
ClientSampleId :
PB130369BS

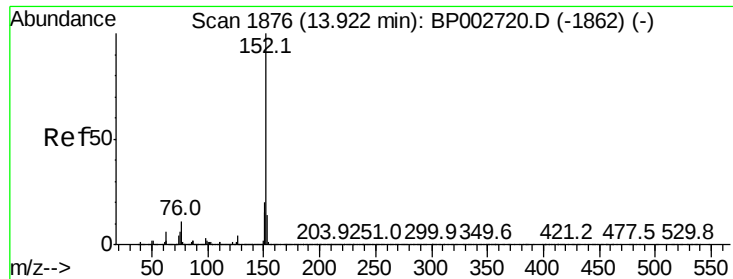
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.5	29.0	43.4
164	33.9	26.8	40.2



#48
2-Nitroaniline
Concen: 44.119 ng
RT: 13.27 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BP002824.D
Acq: 22 Jul 2020 14:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.7	57.0	85.6
138	100.3	86.0	129.0





#49

Acenaphthylene

Concen: 41.026 ng

RT: 13.92 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

Instrument :

BNA_P

ClientSampleId :

PB130369BS

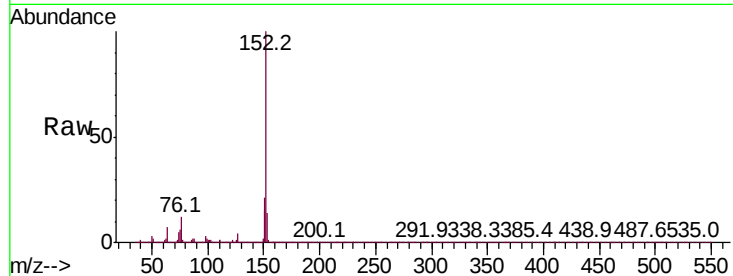
Tot Ion:152 Resp: 961320

Ion Ratio Lower Upper

152 100

151 20.8 16.2 24.4

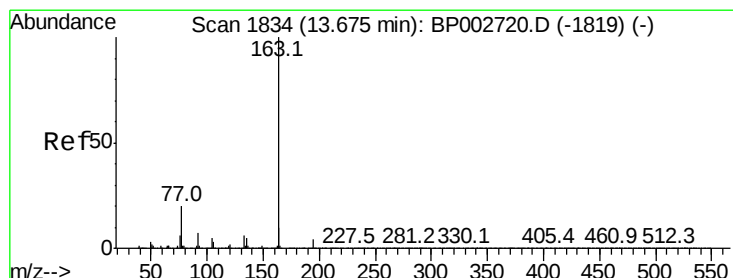
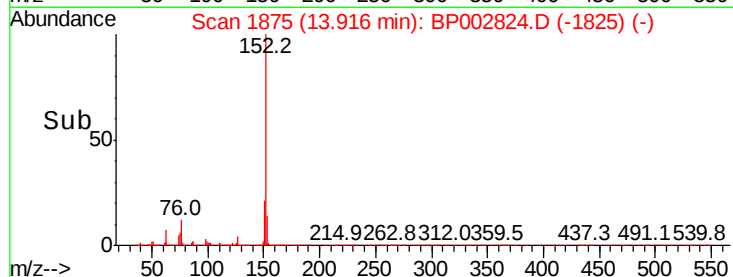
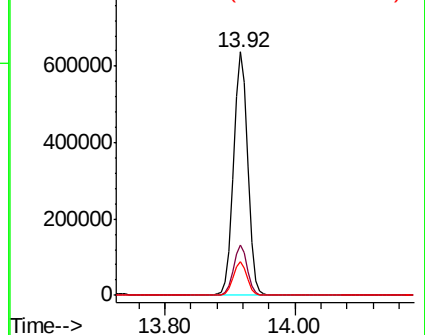
153 13.7 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.291 ng

RT: 13.67 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

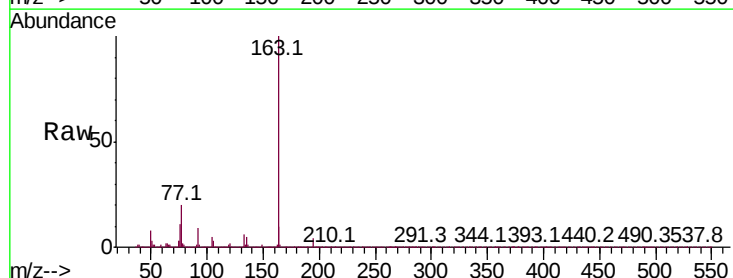
Tgt Ion:163 Resp: 754261

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

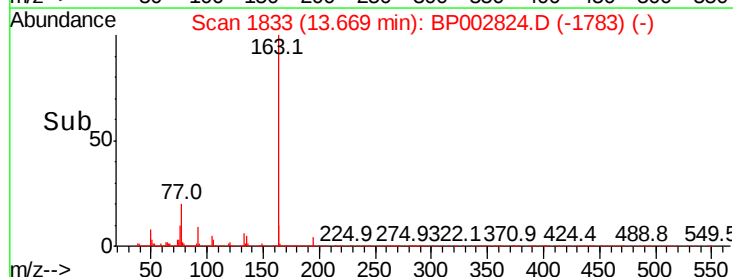
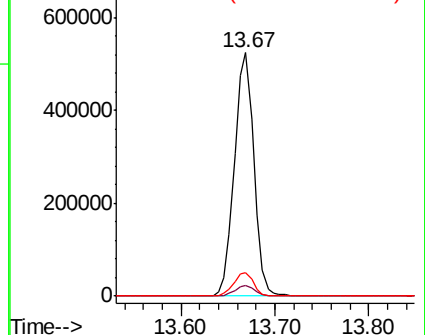
164 9.7 7.8 11.8

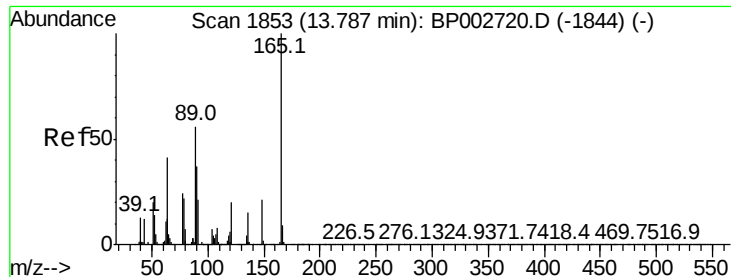


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.424 ng

RT: 13.79 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

Instrument :

BNA_P

ClientSampleId :

PB130369BS

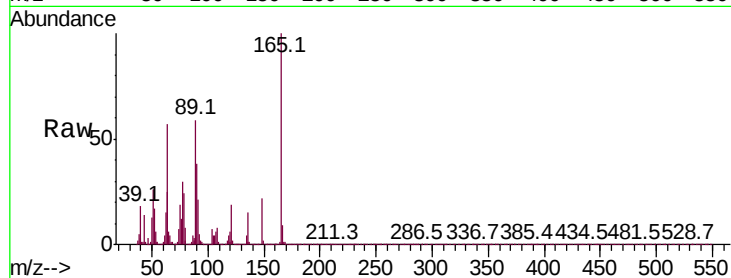
Tot Ion:165 Resp: 166018

Ion Ratio Lower Upper

165 100

63 57.1 43.2 64.8

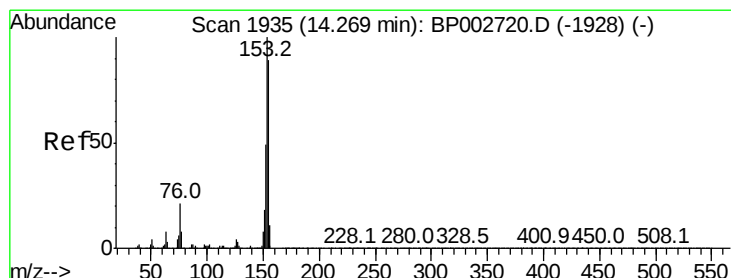
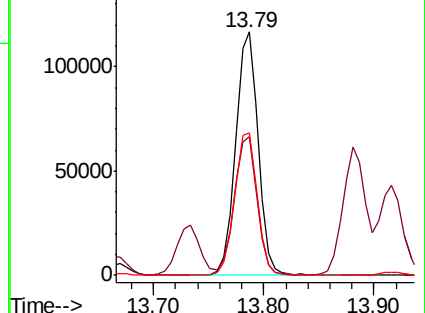
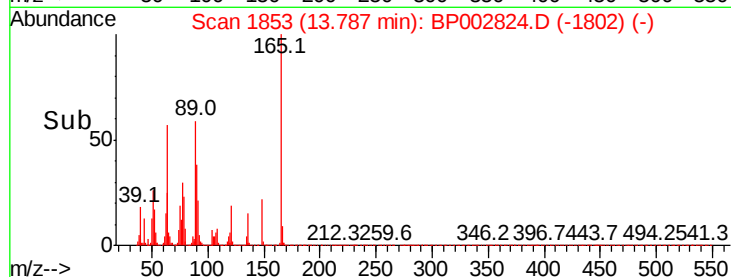
89 58.8 44.6 67.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0



#52

Acenaphthene

Concen: 39.420 ng

RT: 14.26 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

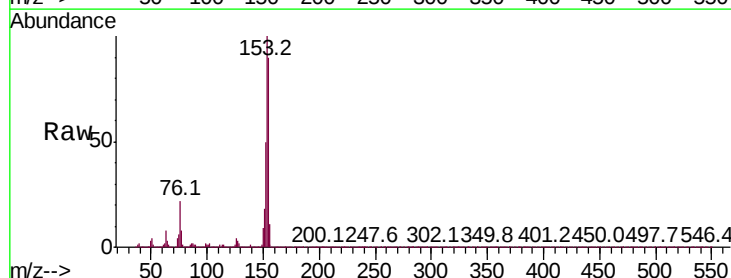
Tgt Ion:154 Resp: 552027

Ion Ratio Lower Upper

154 100

153 110.6 90.1 135.1

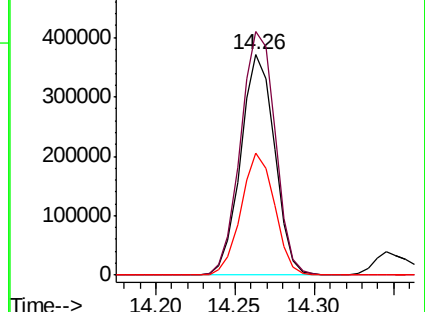
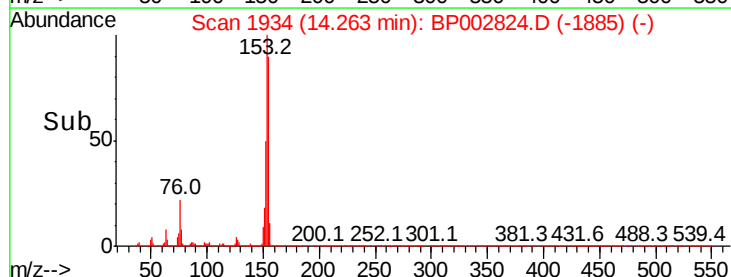
152 55.4 43.8 65.6

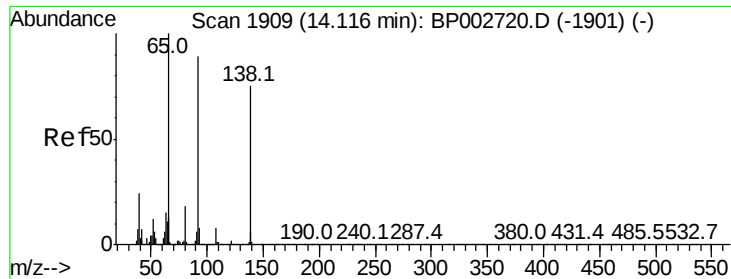


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

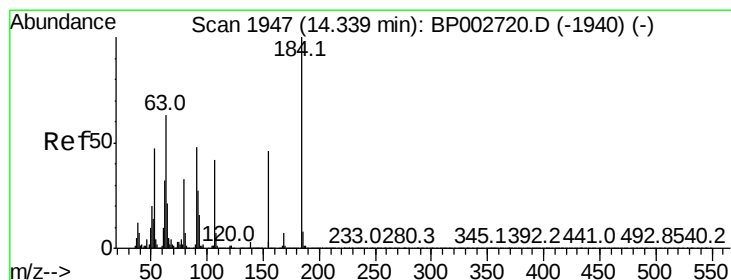
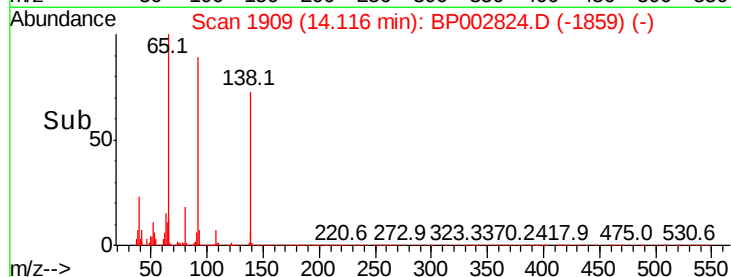
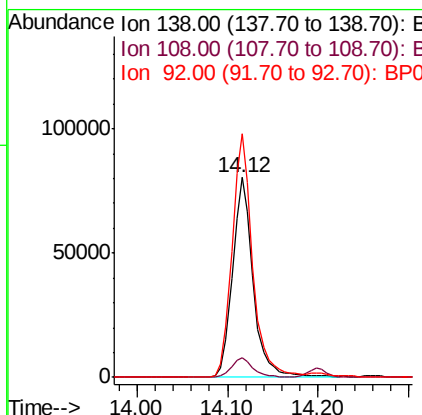
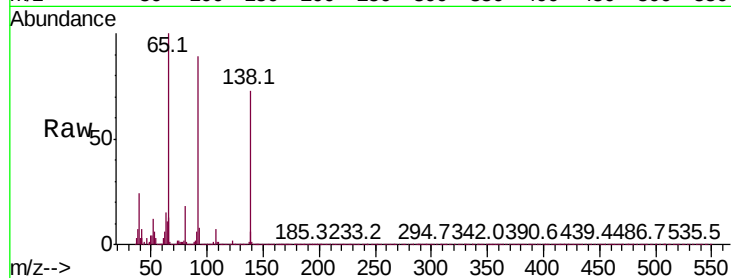




#53
3-Nitroaniline
Concen: 28.498 ng
RT: 14.12 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BP002824.D
Acq: 22 Jul 2020 14:28

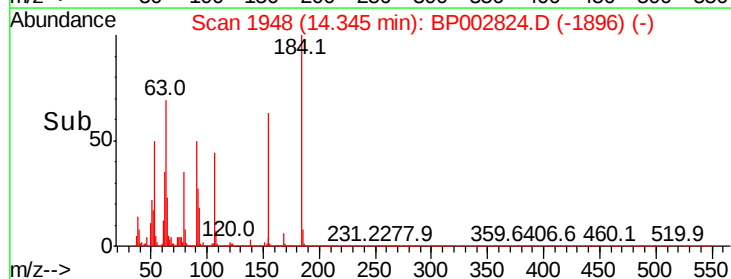
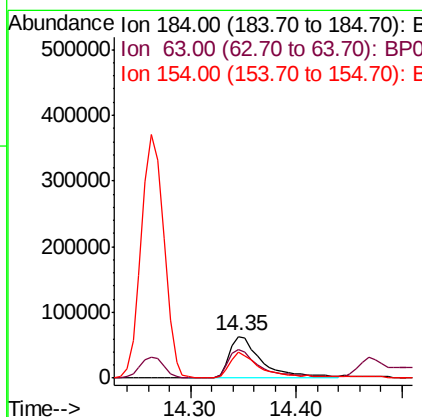
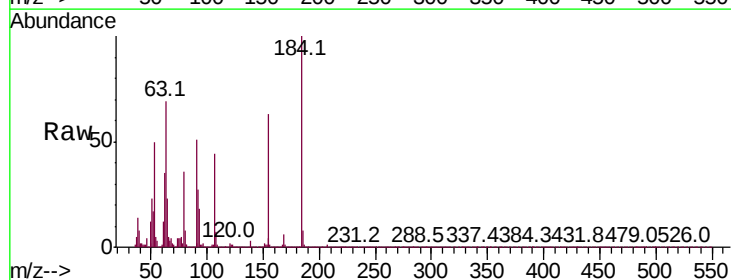
Instrument :
BNA_P
ClientSampleId :
PB130369BS

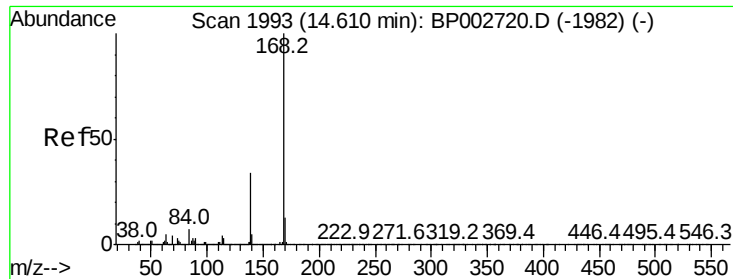
Tot Ion:138 Resp: 127786
Ion Ratio Lower Upper
138 100
108 9.6 8.2 12.2
92 122.0 94.3 141.5



#54
2,4-Dinitrophenol
Concen: 63.250 ng
RT: 14.35 min Scan# 1948
Delta R.T. 0.01 min
Lab File: BP002824.D
Acq: 22 Jul 2020 14:28

Tgt Ion:184 Resp: 135199
Ion Ratio Lower Upper
184 100
63 69.5 51.6 77.4
154 62.6 45.0 67.6





#55

Dibenzofuran

Concen: 39.026 ng

RT: 14.60 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

Instrument :

BNA_P

ClientSampleId :

PB130369BS

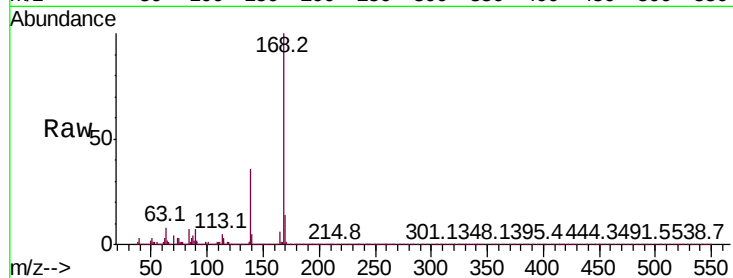
Tot Ion:168 Resp: 876500

Ion Ratio Lower Upper

168 100

139 35.6 27.1 40.7

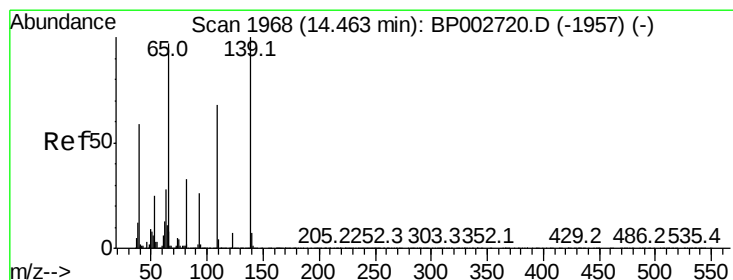
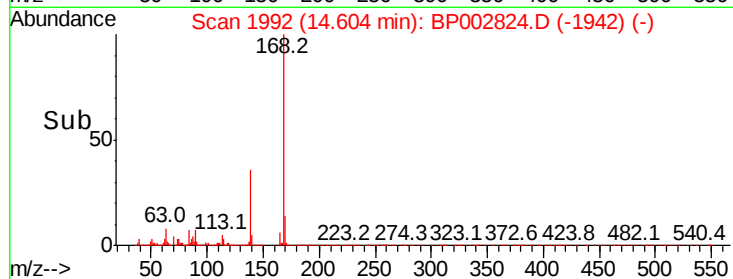
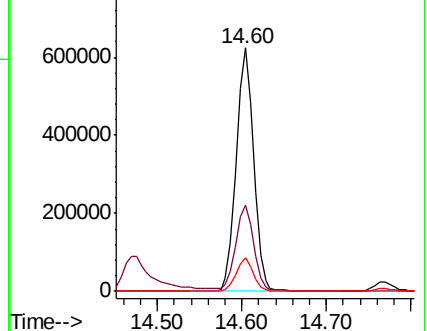
169 13.7 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 63.030 ng

RT: 14.47 min Scan# 1970

Delta R.T. 0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

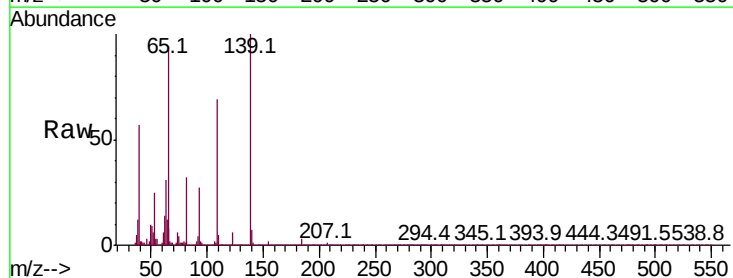
Tgt Ion:139 Resp: 222437

Ion Ratio Lower Upper

139 100

109 68.7 48.1 88.1

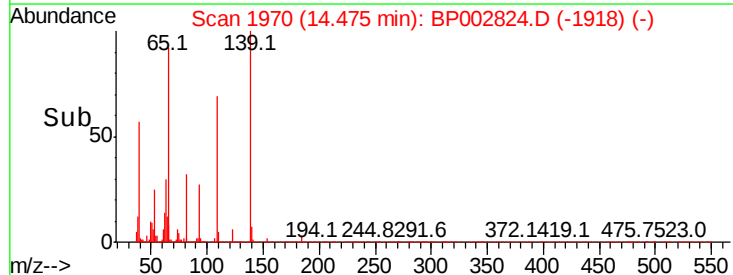
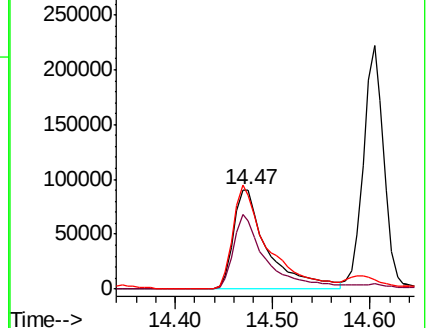
65 94.4 77.9 117.9

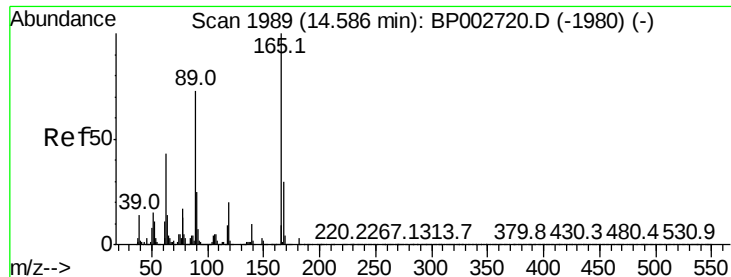


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

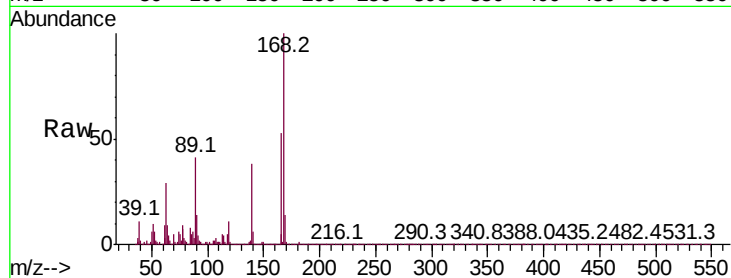




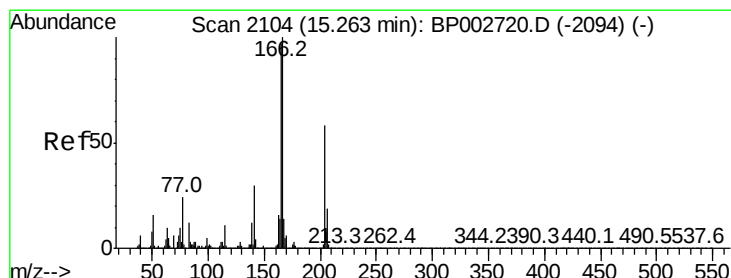
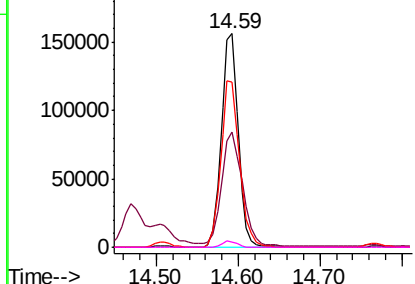
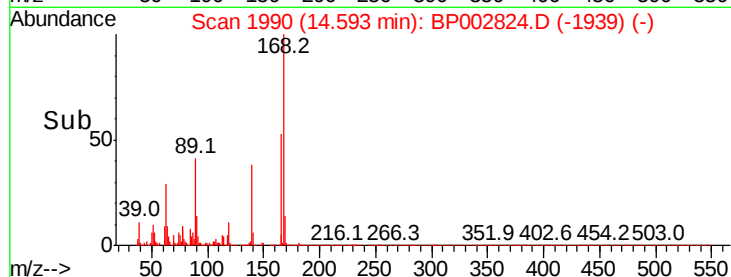
#57
2,4-Dinitrotoluene
Concen: 42.371 ng
RT: 14.59 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BP002824.D
Acq: 22 Jul 2020 14:28

Instrument :
BNA_P
ClientSampleId :
PB130369BS

Tot Ion:165 Resp: 223643
Ion Ratio Lower Upper
165 100
63 54.1 35.1 52.7#
89 77.4 58.4 87.6
182 2.6 2.2 3.2

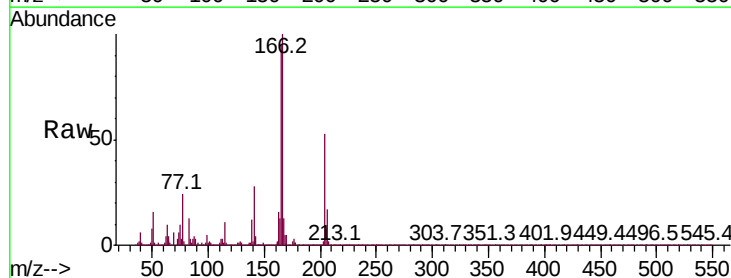


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

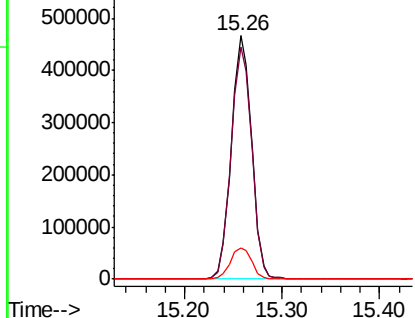
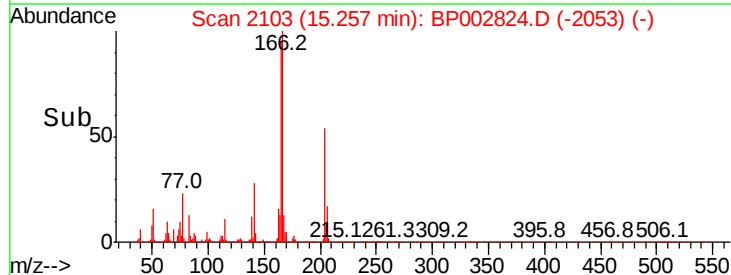


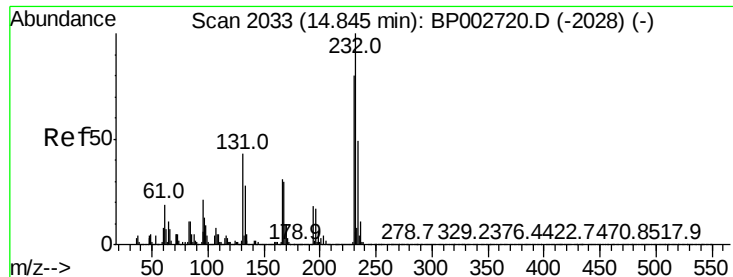
#58
Fluorene
Concen: 40.392 ng
RT: 15.26 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BP002824.D
Acq: 22 Jul 2020 14:28

Tgt Ion:166 Resp: 671264
Ion Ratio Lower Upper
166 100
165 95.4 77.7 116.5
167 13.0 11.0 16.6



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

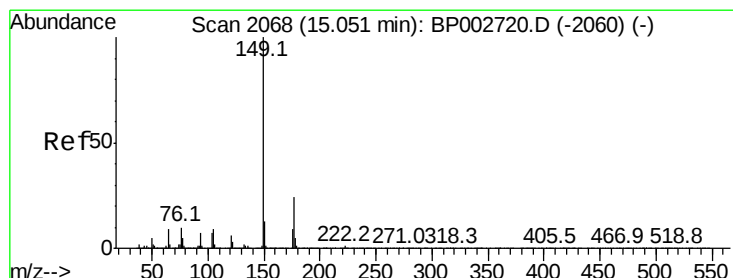
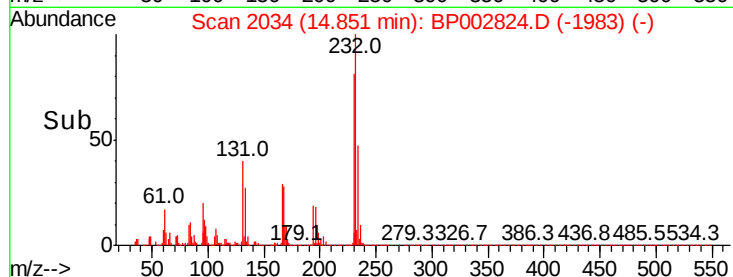
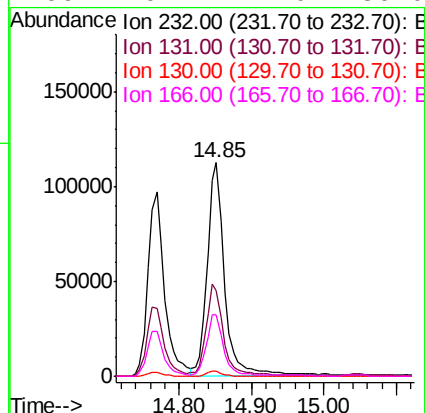
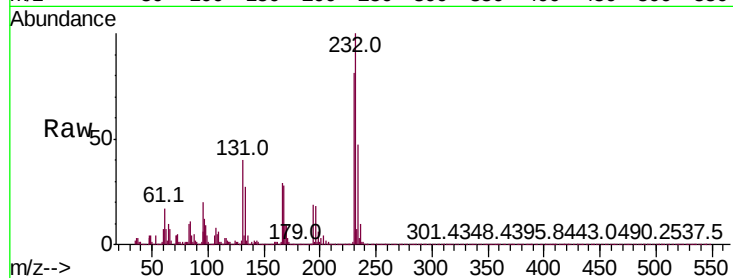




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.842 ng
 RT: 14.85 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BP002824.D
 Acq: 22 Jul 2020 14:28

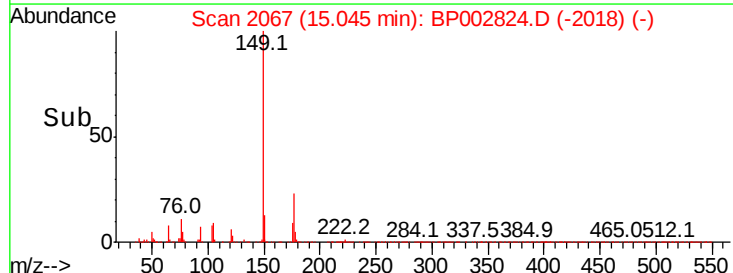
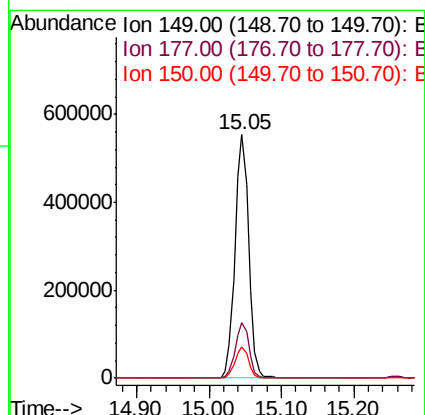
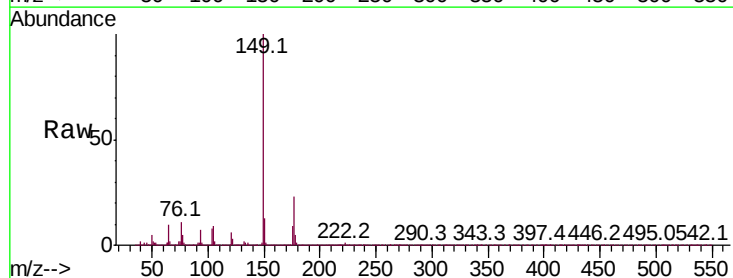
Instrument :
 BNA_P
 ClientSampleId :
 PB130369BS

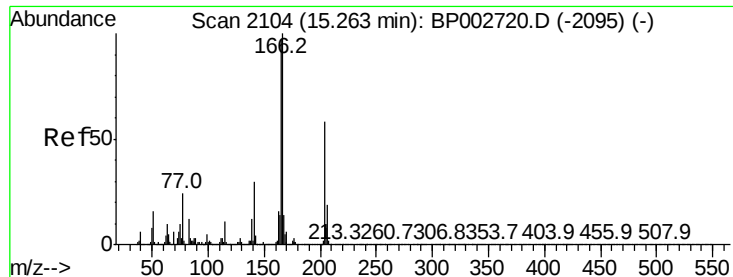
Tot Ion:232 Resp: 184718
 Ion Ratio Lower Upper
 232 100
 131 42.3 34.3 51.5
 130 2.2 1.8 2.6
 166 29.4 24.0 36.0



#60
 Diethylphthalate
 Concen: 40.110 ng
 RT: 15.05 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BP002824.D
 Acq: 22 Jul 2020 14:28

Tgt Ion:149 Resp: 728021
 Ion Ratio Lower Upper
 149 100
 177 22.8 18.9 28.3
 150 12.7 10.1 15.1





#61

4-Chlorophenyl-phenylether

Concen: 39.005 ng

RT: 15.26 min Scan# 2103

Delta R.T. -0.01 min

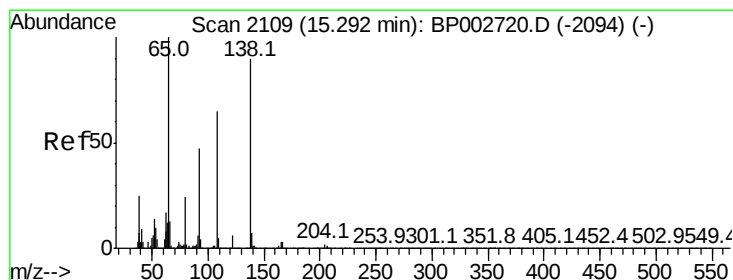
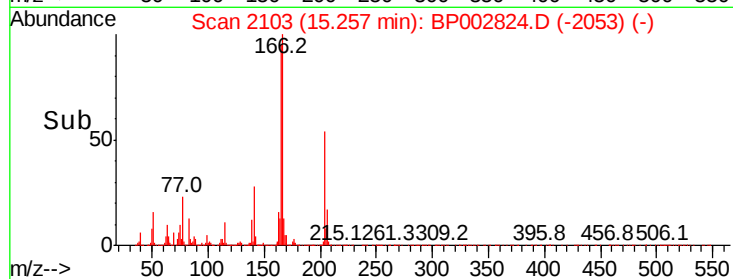
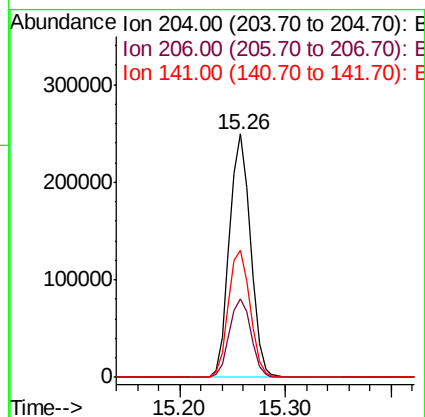
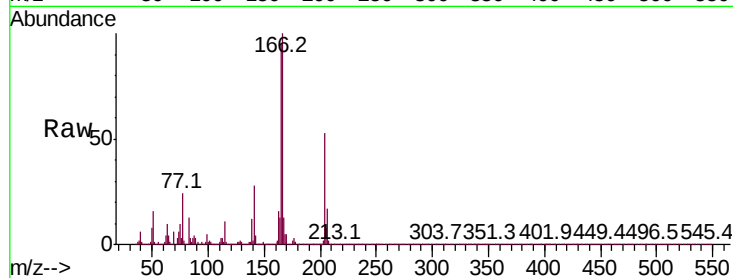
Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

Instrument :
BNA_P
ClientSampleId :
PB130369BS

Tot Ion:204 Resp: 344418

Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.1	39.1
141	52.4	41.8	62.8



#62

4-Nitroaniline

Concen: 38.471 ng

RT: 15.29 min Scan# 2109

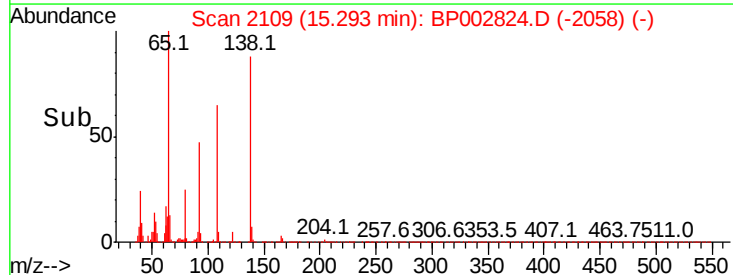
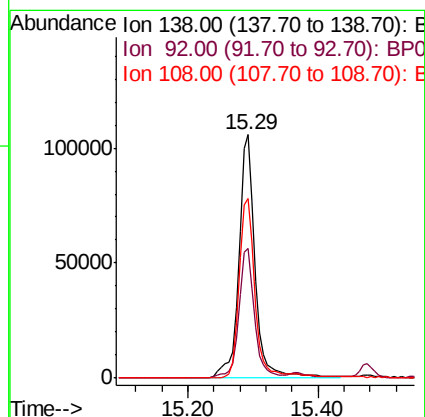
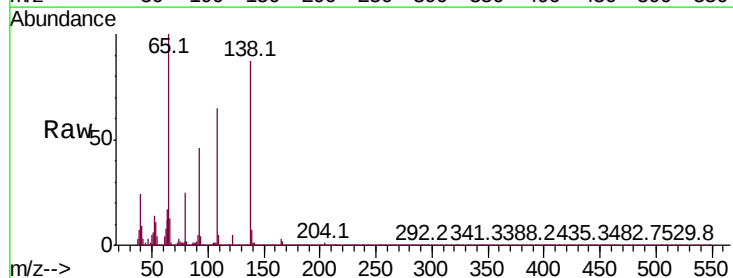
Delta R.T. 0.00 min

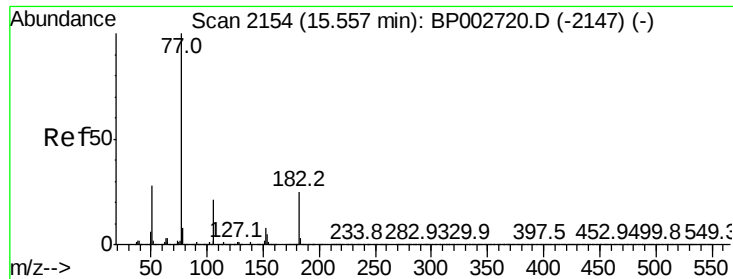
Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

Tgt Ion:138 Resp: 182933

Ion	Ratio	Lower	Upper
138	100		
92	53.2	32.0	72.0
108	74.0	52.2	92.2





#63

Azobenzene

Concen: 41.864 ng

RT: 15.55 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

Instrument :

BNA_P

ClientSampleId :

PB130369BS

Tot Ion: 77 Resp: 781284

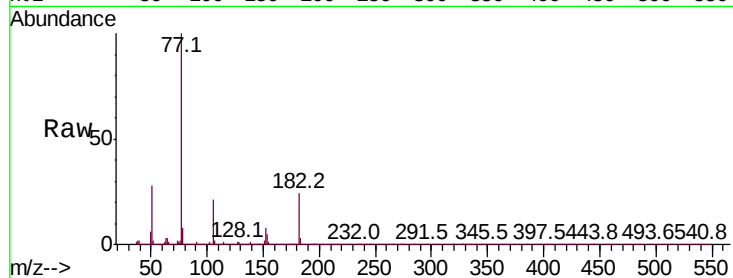
Ion Ratio Lower Upper

77 100

182 23.6 5.1 45.1

105 20.7 0.8 40.8

51 27.9 7.6 47.6

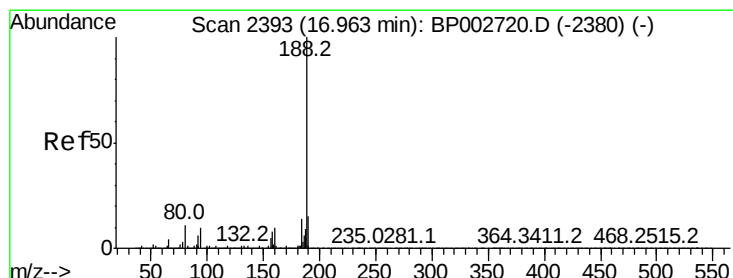
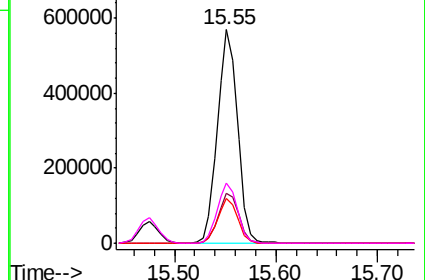
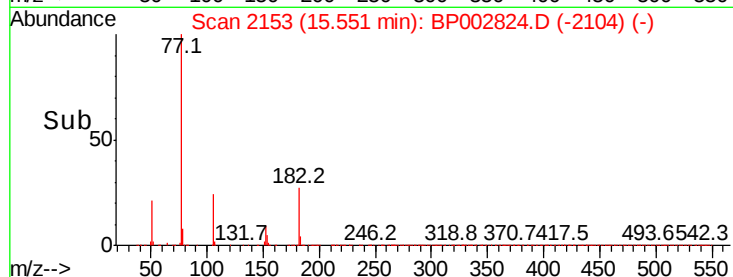


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BP0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.96 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

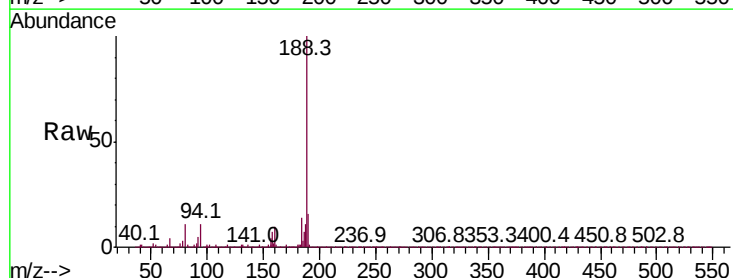
Tgt Ion: 188 Resp: 510836

Ion Ratio Lower Upper

188 100

94 10.8 8.1 12.1

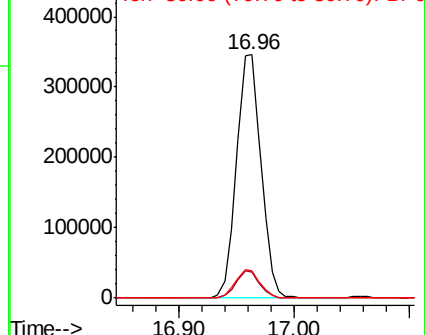
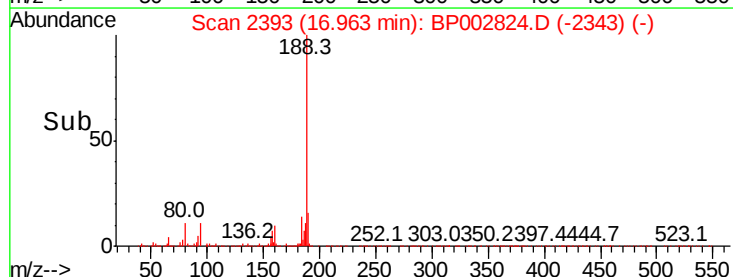
80 11.1 8.9 13.3

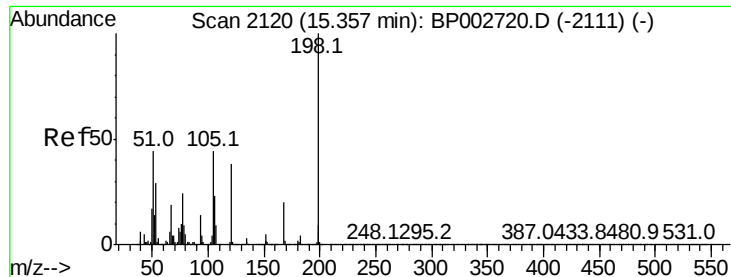


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0





#65

4,6-Dinitro-2-methylphenol

Concen: 37.728 ng

RT: 15.37 min Scan# 2122

Delta R.T. 0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

Instrument :

BNA_P

ClientSampleId :

PB130369BS

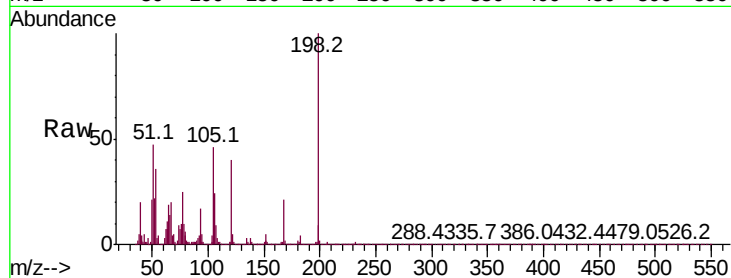
Tot Ion:198 Resp: 111332

Ion Ratio Lower Upper

198 100

51 47.1 27.1 67.1

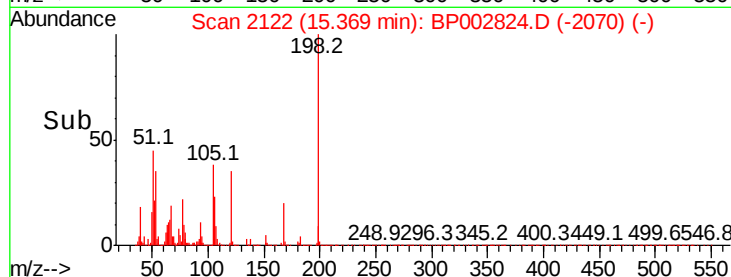
105 45.8 24.9 64.9



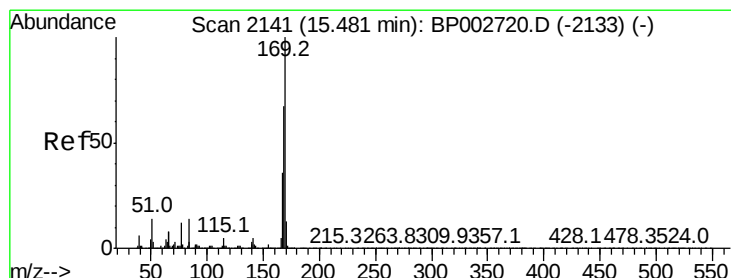
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 41.757 ng

RT: 15.47 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

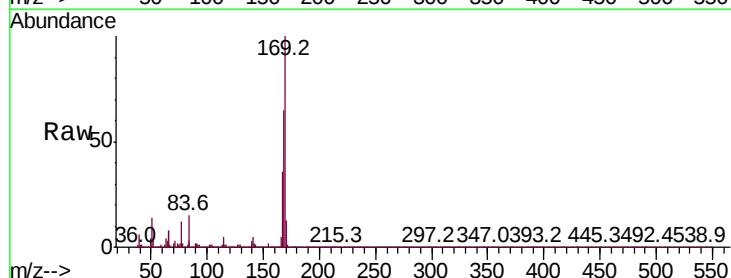
Tgt Ion:169 Resp: 630133

Ion Ratio Lower Upper

169 100

168 65.3 53.4 80.0

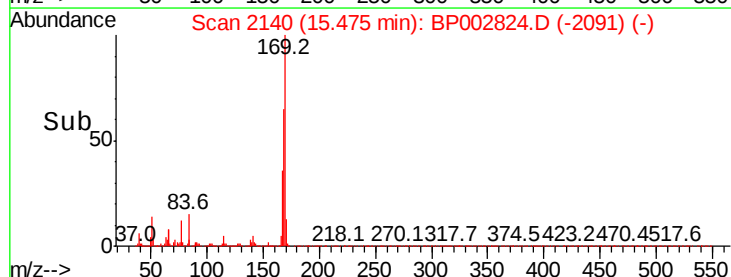
167 35.8 29.2 43.8



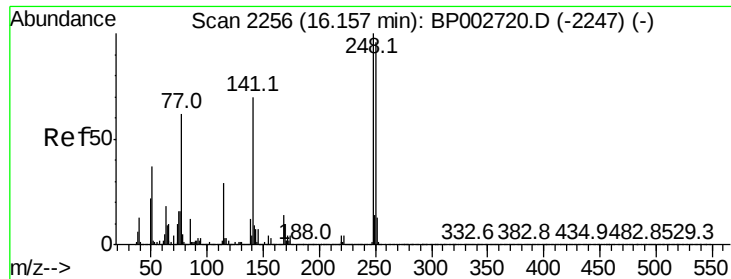
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



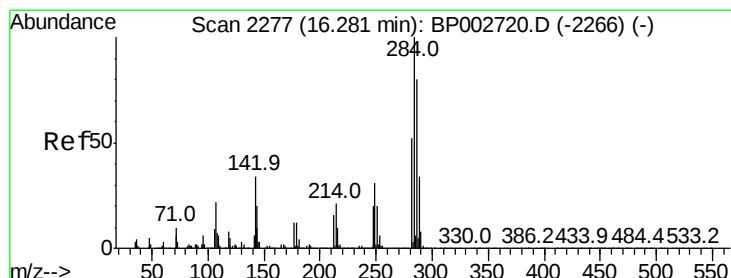
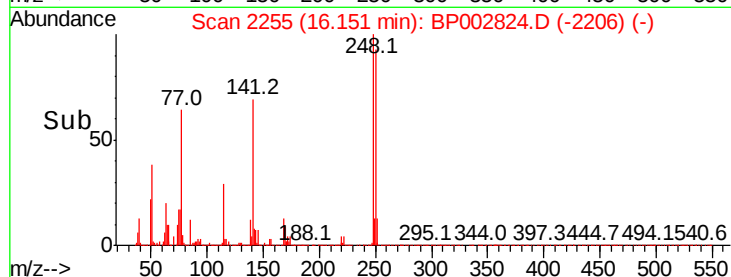
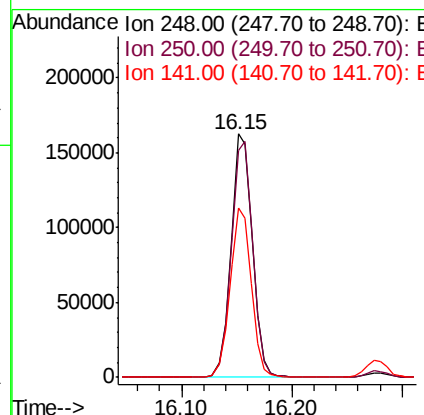
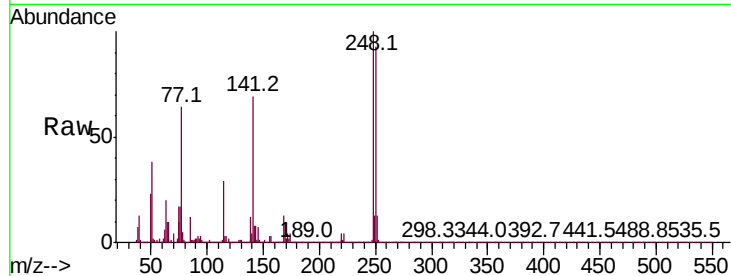
Time-->



#67
4-Bromophenyl-phenylether
Concen: 39.517 ng
RT: 16.15 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BP002824.D
Acq: 22 Jul 2020 14:28

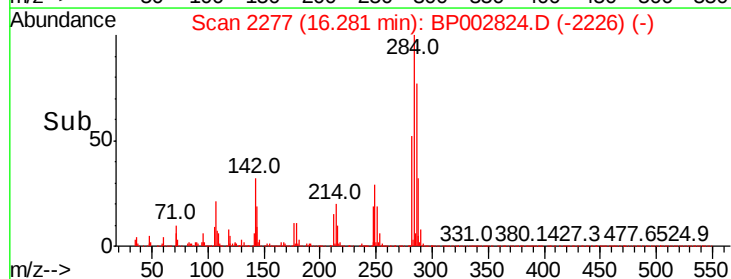
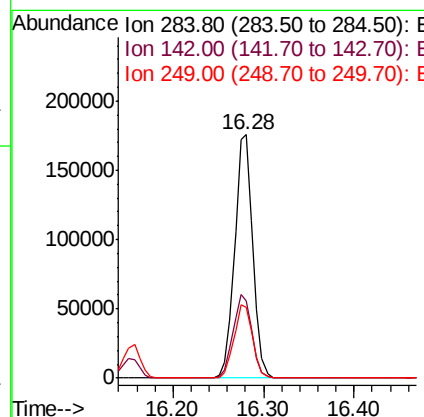
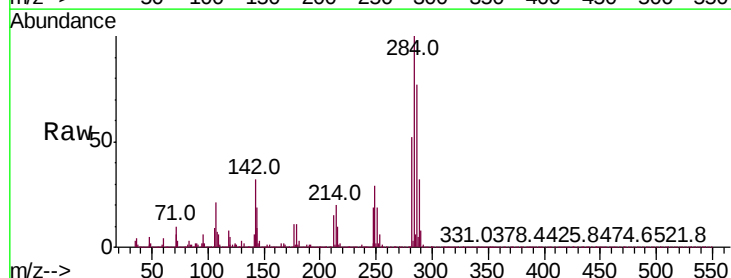
Instrument :
BNA_P
ClientSampleId :
PB130369BS

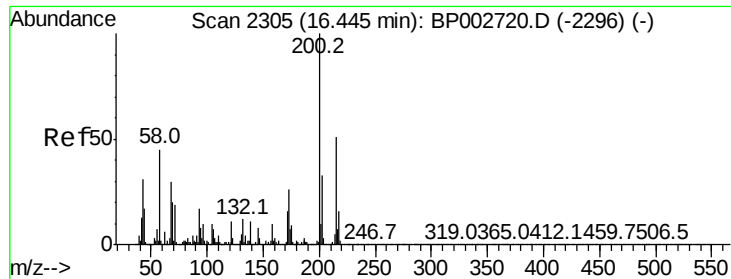
Tot Ion	Ratio	Lower	Upper
248	100		
250	93.3	76.7	115.1
141	69.5	55.9	83.9



#68
Hexachlorobenzene
Concen: 41.786 ng
RT: 16.28 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BP002824.D
Acq: 22 Jul 2020 14:28

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.7	26.9	40.3
249	29.1	24.6	37.0





#69

Atrazine

Concen: 49.376 ng

RT: 16.44 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

Instrument :

BNA_P

ClientSampleId :

PB130369BS

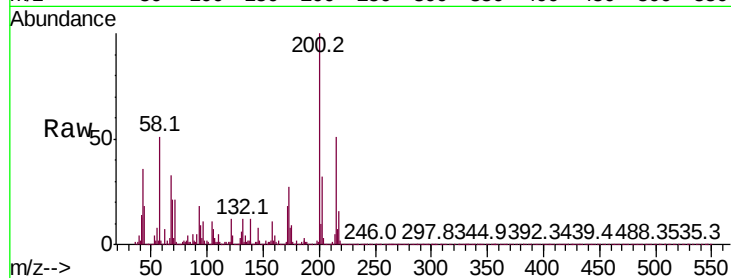
Tot Ion:200 Resp: 203411

Ion Ratio Lower Upper

200 100

173 26.9 6.3 46.3

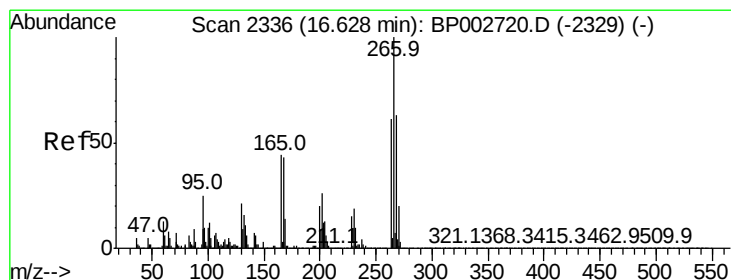
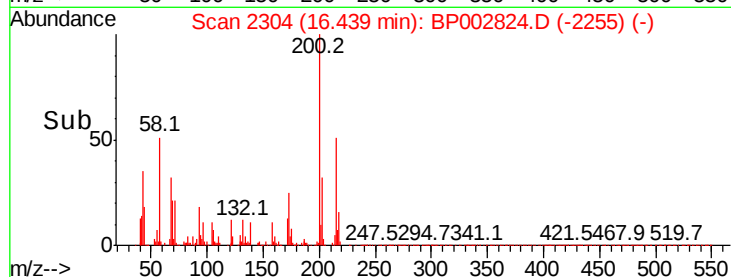
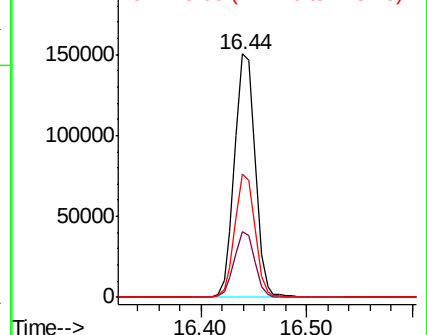
215 50.8 30.6 70.6



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: 72.360 ng

RT: 16.63 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

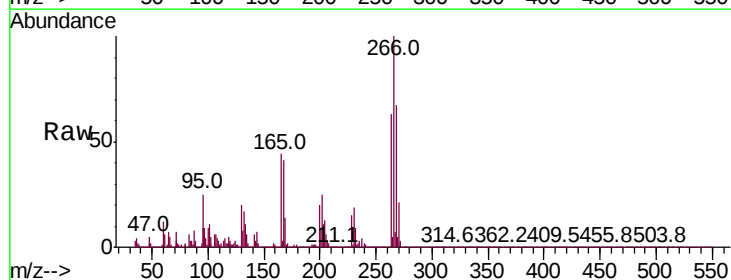
Tgt Ion:266 Resp: 202961

Ion Ratio Lower Upper

266 100

268 66.9 50.6 75.8

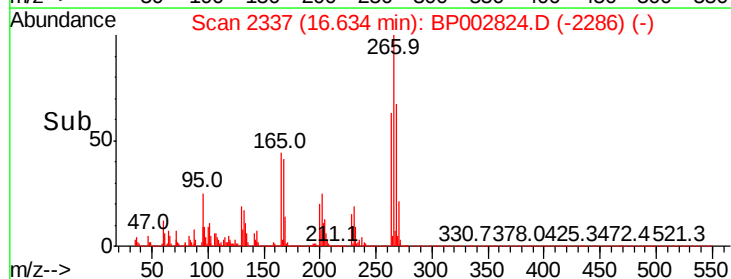
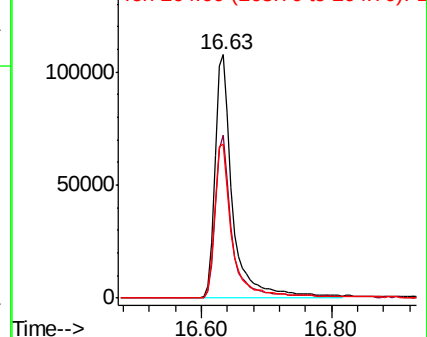
264 63.2 48.6 72.8

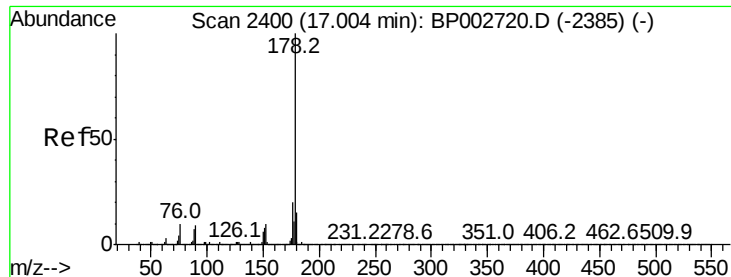


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.583 ng

RT: 17.00 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

Instrument :

BNA_P

ClientSampleId :

PB130369BS

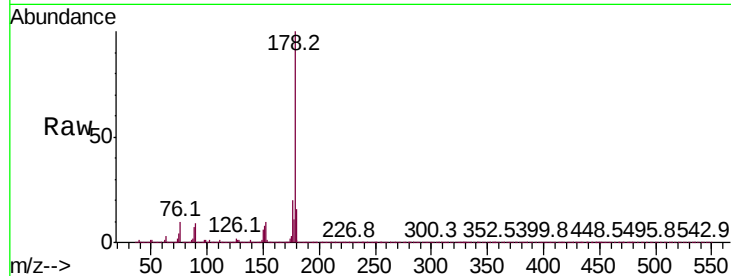
Tot Ion:178 Resp: 1122453

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

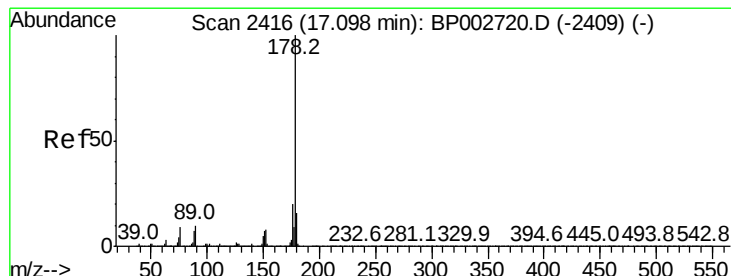
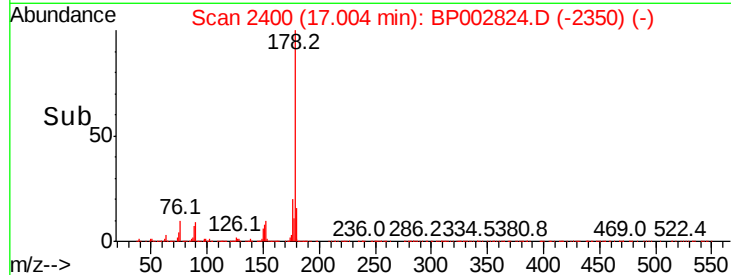
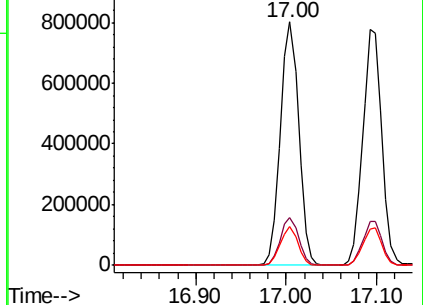
179 15.8 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.193 ng

RT: 17.09 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

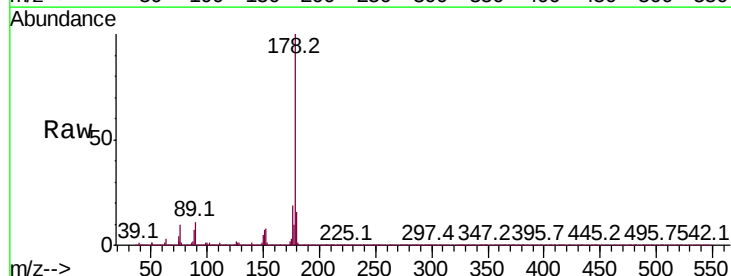
Tgt Ion:178 Resp: 1145173

Ion Ratio Lower Upper

178 100

176 18.7 15.6 23.4

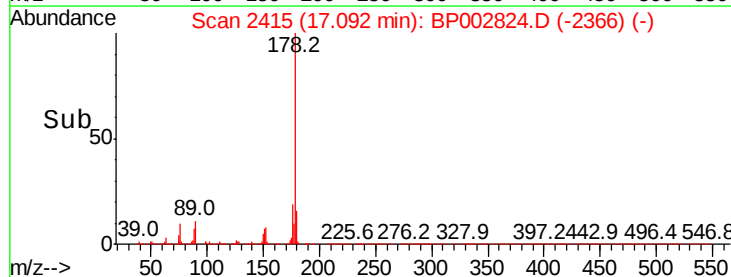
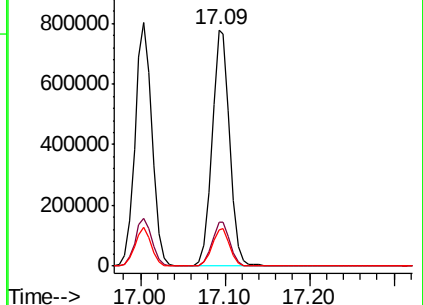
179 15.5 12.6 19.0

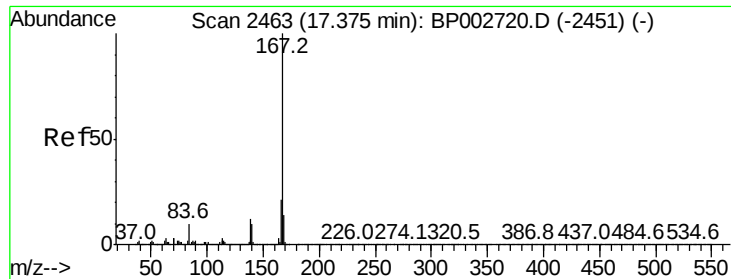


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 40.264 ng

RT: 17.37 min Scan# 2462

Delta R.T. -0.01 min

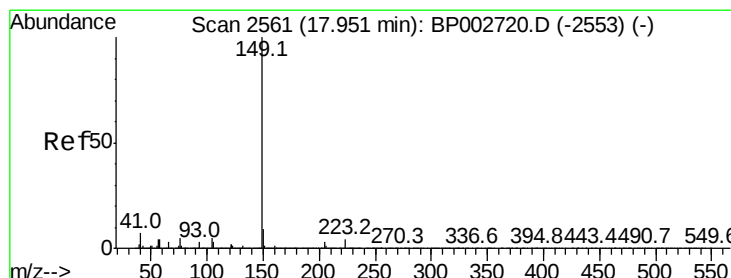
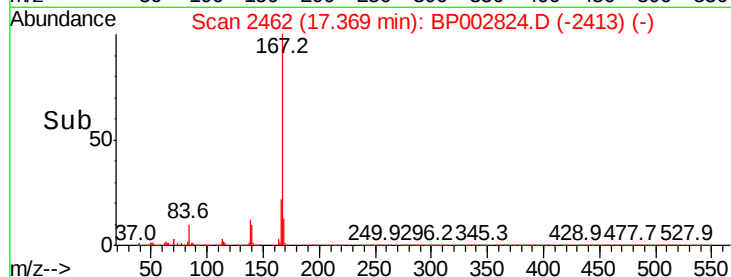
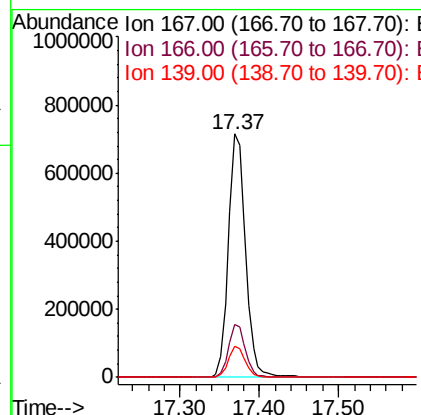
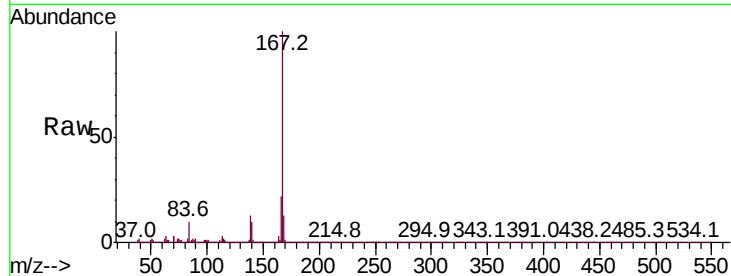
Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

Instrument :
BNA_P
ClientSampleId :
PB130369BS

Tot Ion:167 Resp: 1072405

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	12.8	9.6	14.4



#74

Di-n-butylphthalate

Concen: 45.016 ng

RT: 17.95 min Scan# 2560

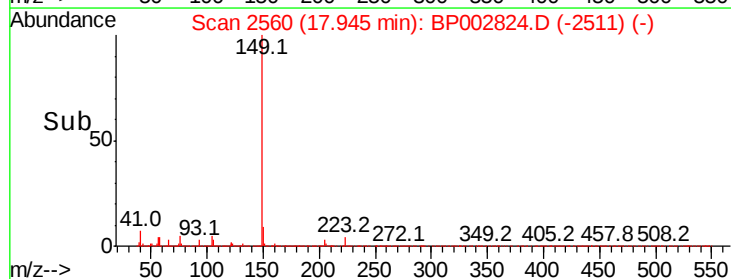
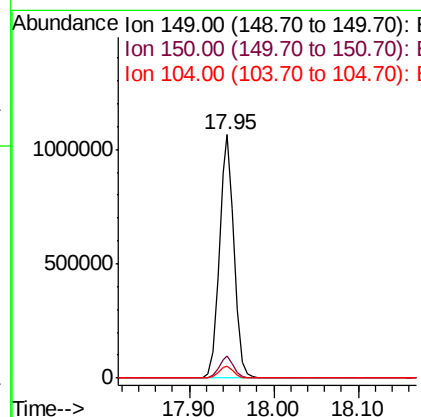
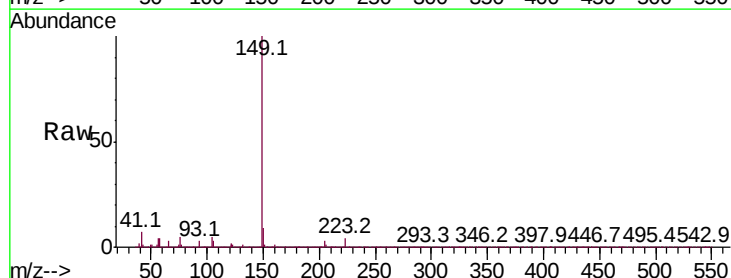
Delta R.T. -0.01 min

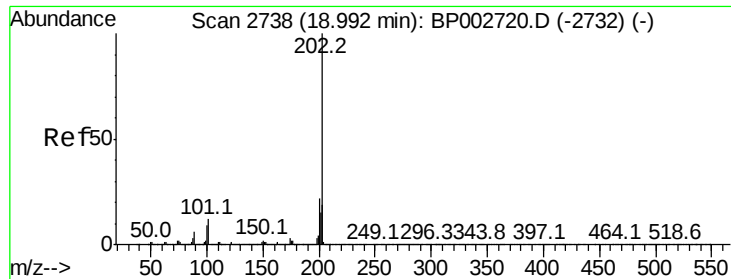
Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

Tgt Ion:149 Resp: 1300305

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	5.1	4.0	6.0





#75

Fluoranthene

Concen: 41.348 ng

RT: 18.99 min Scan# 2738

Delta R.T. -0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

Instrument :

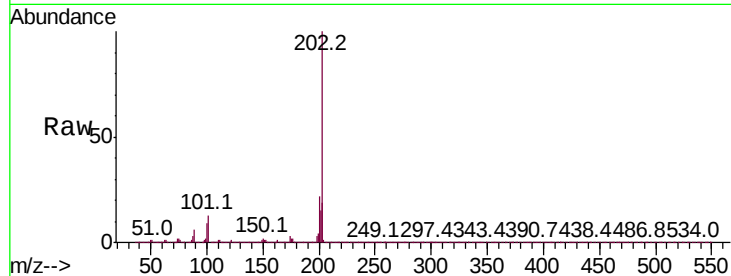
BNA_P

ClientSampleId :

PB130369BS

Tot Ion:202 Resp: 1325134

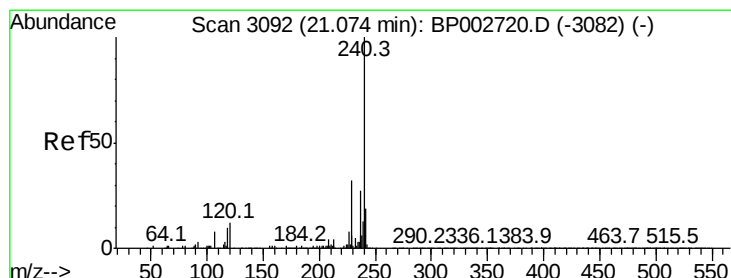
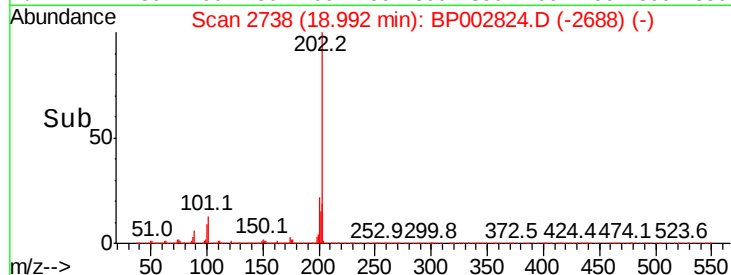
Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	32.5
203	18.9	0.0	38.6



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: 21.07 min Scan# 3092

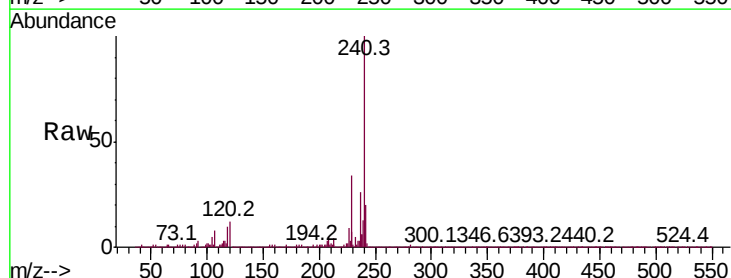
Delta R.T. 0.00 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

Tgt Ion:240 Resp: 459738

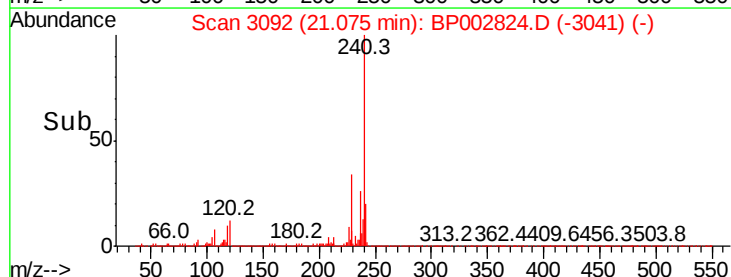
Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.4	14.2
236	26.3	21.3	31.9

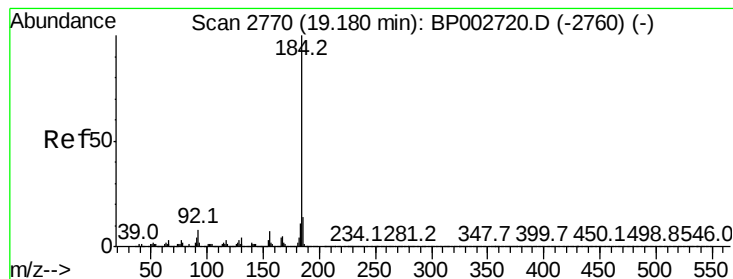


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 69.244 ng

RT: 19.17 min Scan# 2769

Delta R.T. -0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

Instrument :

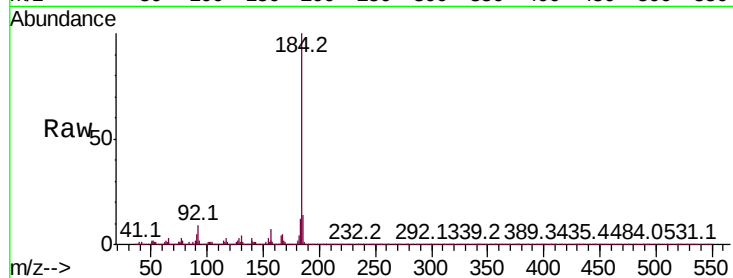
BNA_P

ClientSampleId :

PB130369BS

Tot Ion:184 Resp: 789067

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.4	17.2
183	11.7	9.0	13.4

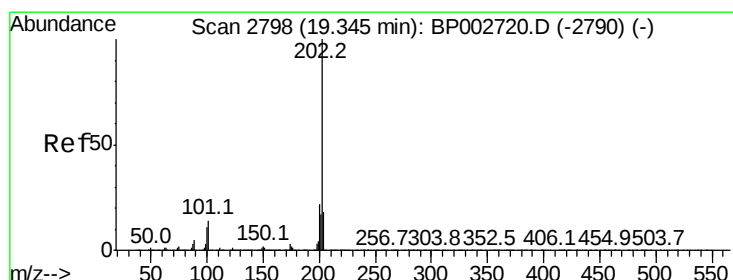
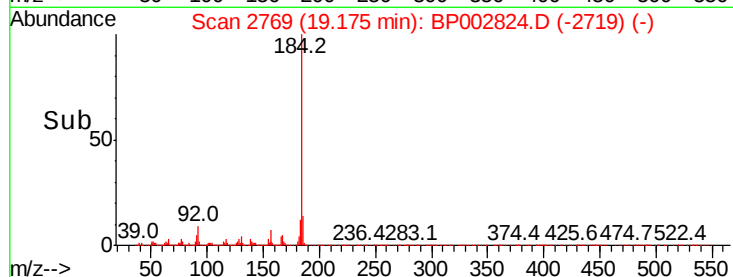
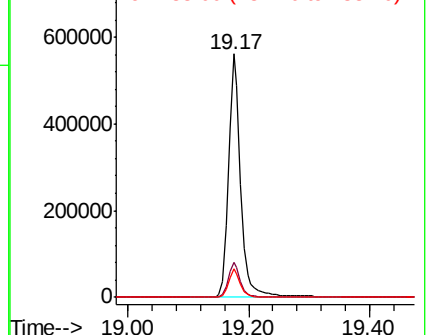


Abundance

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: 43.600 ng

RT: 19.35 min Scan# 2798

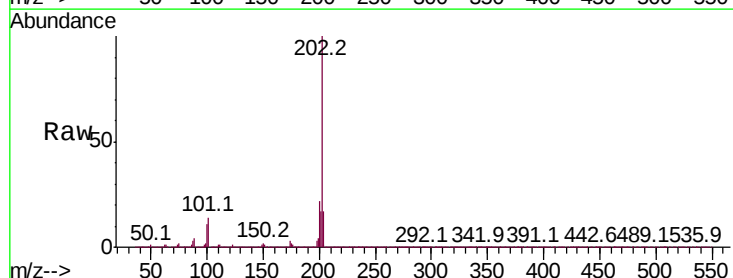
Delta R.T. -0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

Tgt Ion:202 Resp: 1383933

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.7	26.5
203	16.9	14.5	21.7

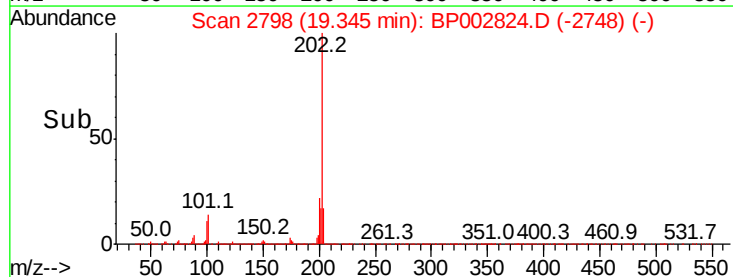
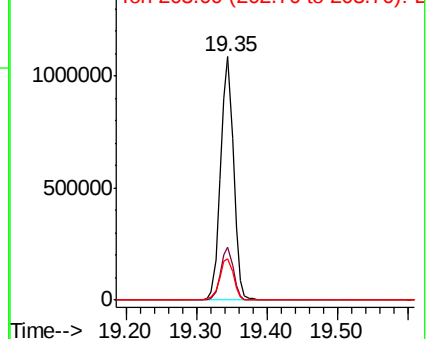


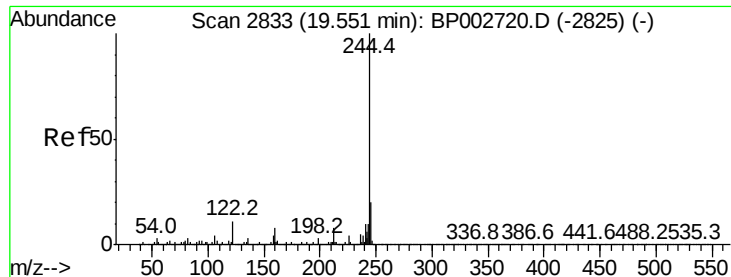
Abundance

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: 78.271 ng

RT: 19.55 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

Instrument :

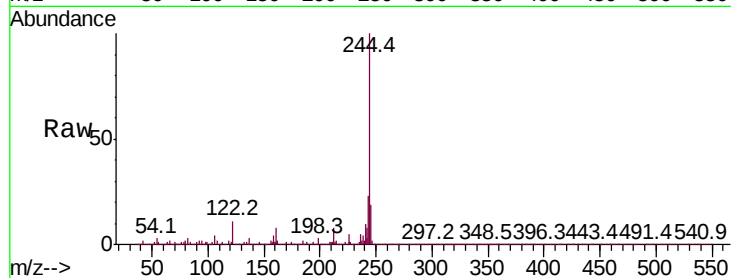
BNA_P

ClientSampleId :

PB130369BS

Tot Ion:244 Resp: 1569505

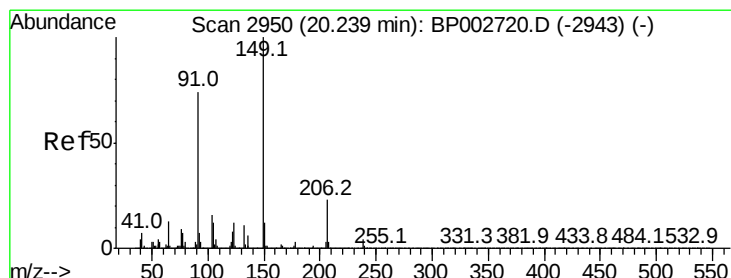
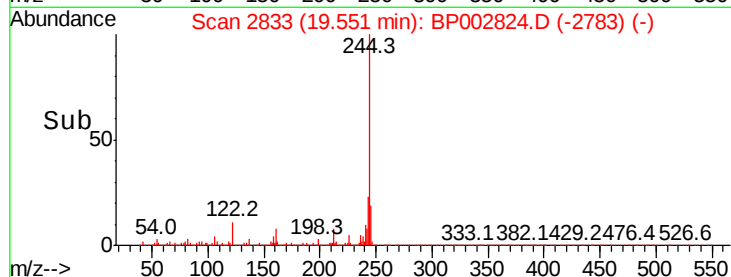
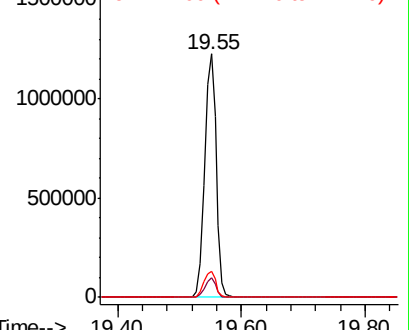
Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.0	9.0
122	10.6	8.9	13.3



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: 47.860 ng

RT: 20.23 min Scan# 2949

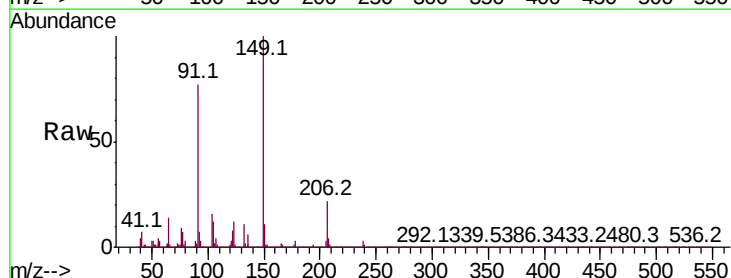
Delta R.T. -0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

Tgt Ion:149 Resp: 599491

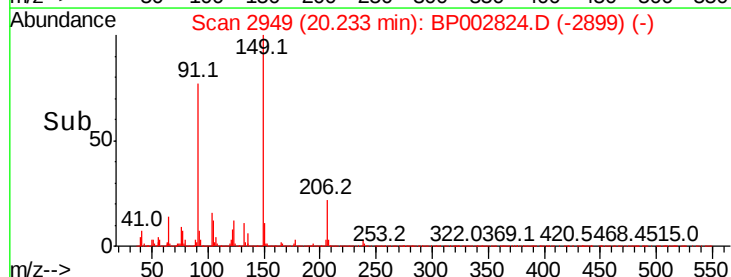
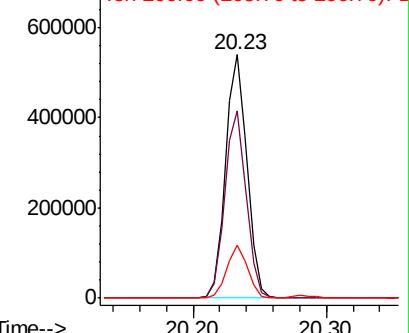
Ion	Ratio	Lower	Upper
149	100		
91	77.2	59.4	89.2
206	21.6	18.3	27.5

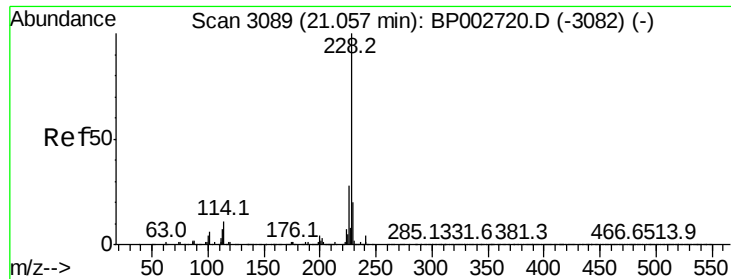


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.877 ng

RT: 21.06 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

Instrument :

BNA_P

ClientSampleId :

PB130369BS

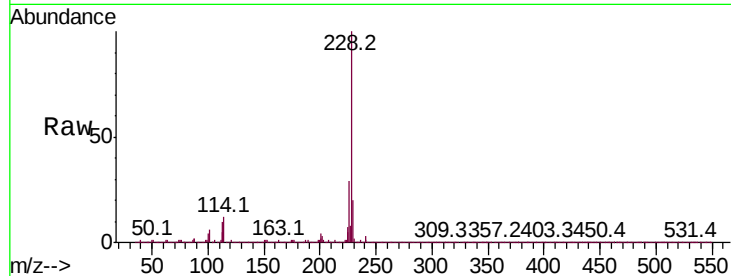
Tot Ion:228 Resp: 1246272

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	34.0
229	20.5	16.0	24.0

228 100

226 29.3 22.6 34.0

229 20.5 16.0 24.0

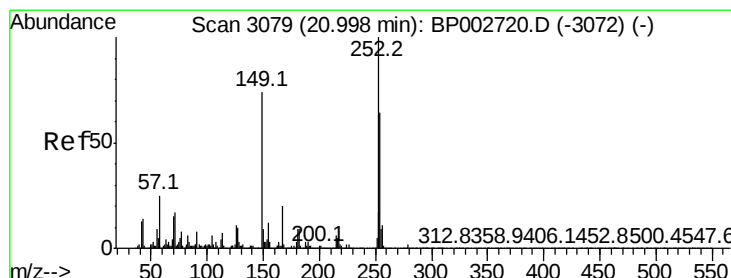
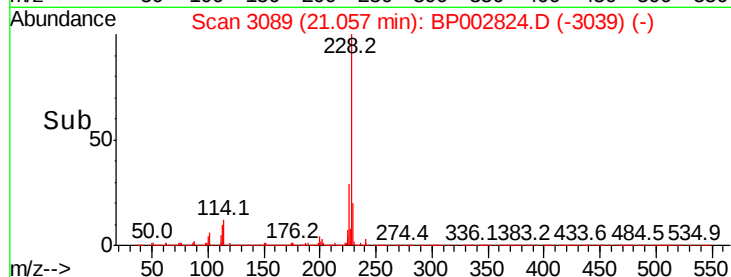
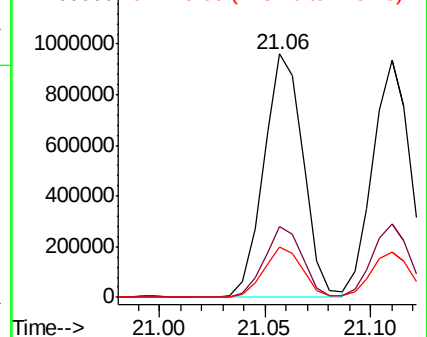


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.584 ng

RT: 20.99 min Scan# 3078

Delta R.T. -0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

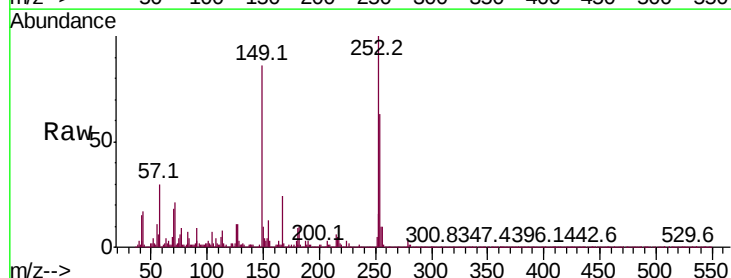
Tgt Ion:252 Resp: 370427

Ion	Ratio	Lower	Upper
252	100		
254	62.7	51.0	76.4
126	11.0	8.4	12.6

252 100

254 62.7 51.0 76.4

126 11.0 8.4 12.6

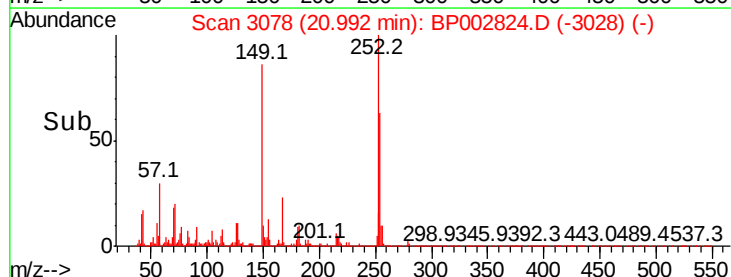
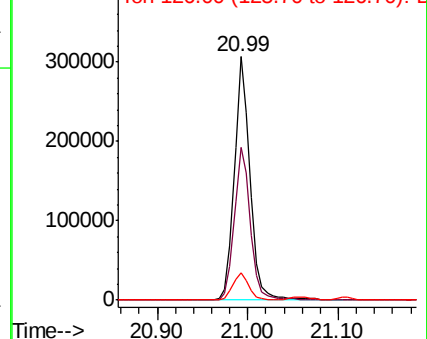


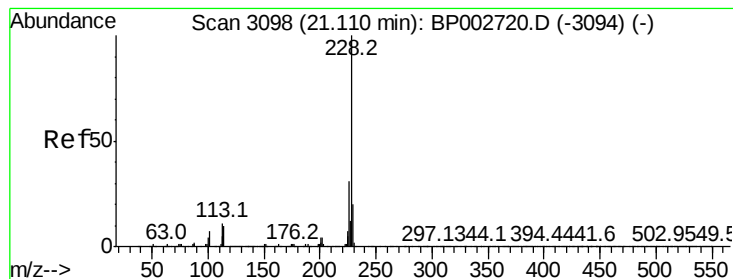
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.276 ng

RT: 21.11 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

Instrument :

BNA_P

ClientSampleId :

PB130369BS

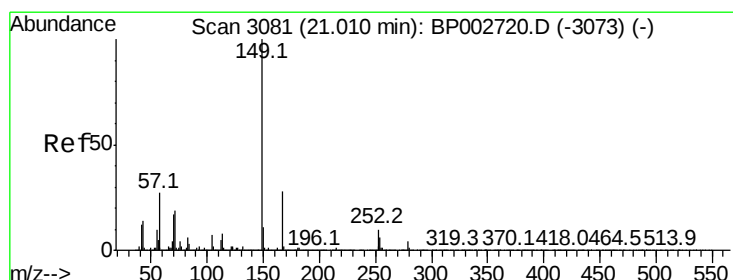
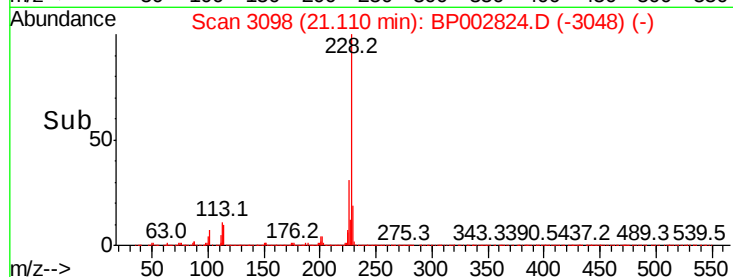
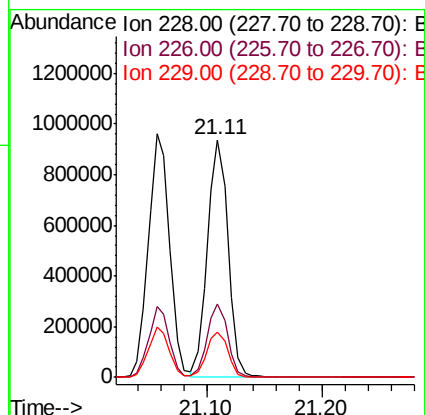
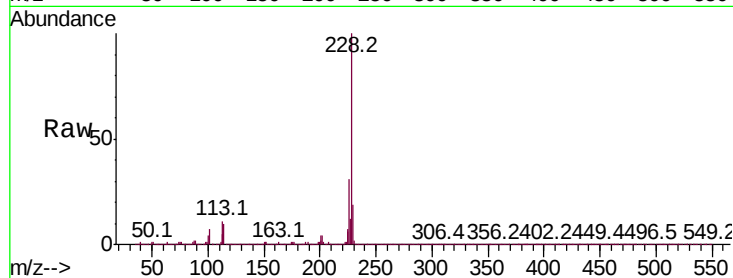
Tot Ion:228 Resp: 1169293

Ion Ratio Lower Upper

228 100

226 30.7 24.6 37.0

229 19.2 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.750 ng

RT: 21.00 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

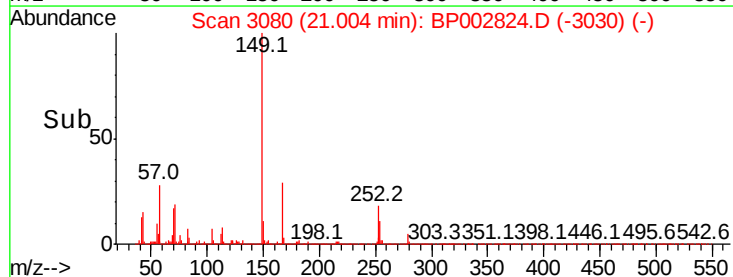
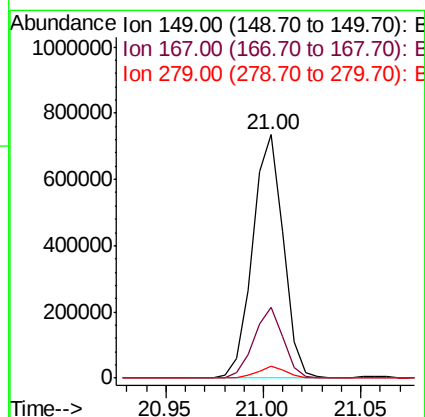
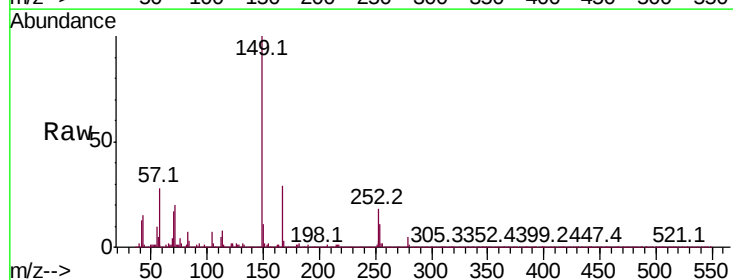
Tgt Ion:149 Resp: 797031

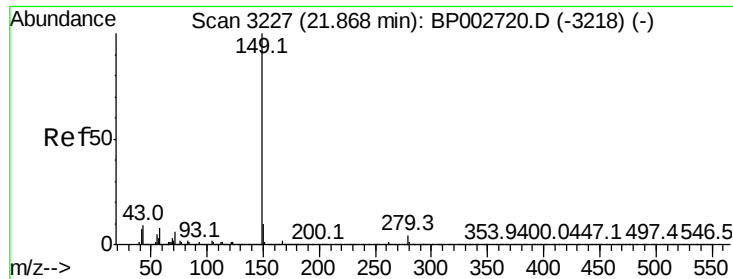
Ion Ratio Lower Upper

149 100

167 28.9 22.4 33.6

279 4.7 3.5 5.3

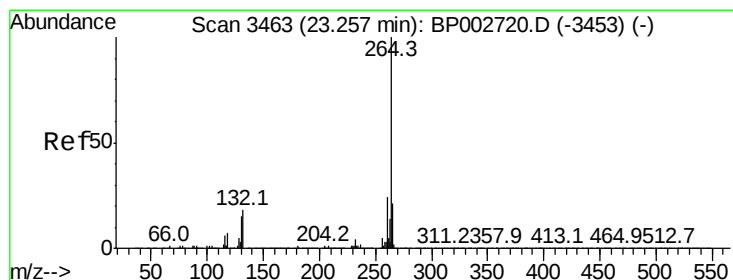
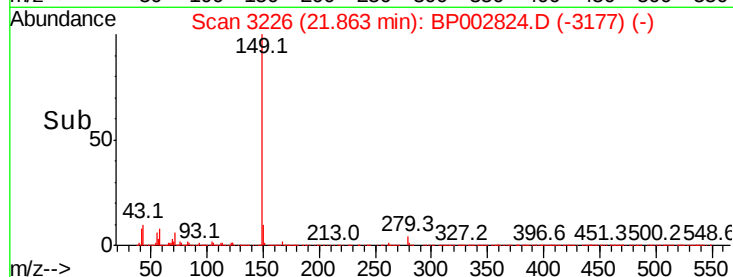
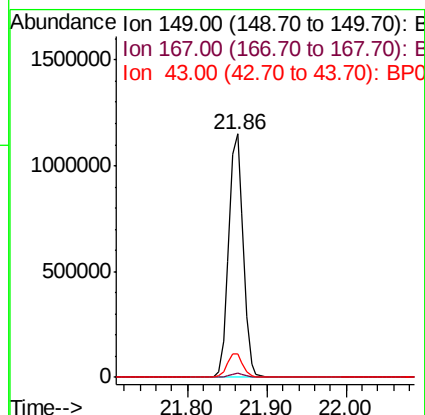
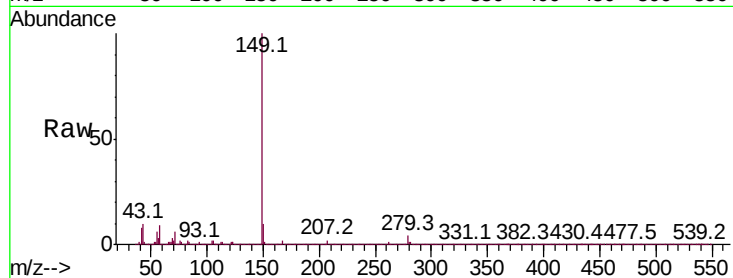




#85
Di-n-octyl phthalate
Concen: 46.329 ng
RT: 21.86 min Scan# 3226
Delta R.T. -0.01 min
Lab File: BP002824.D
Acq: 22 Jul 2020 14:28

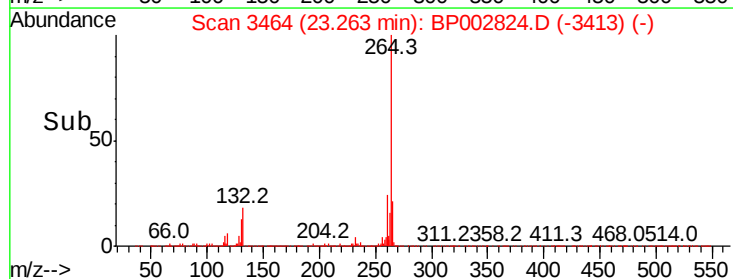
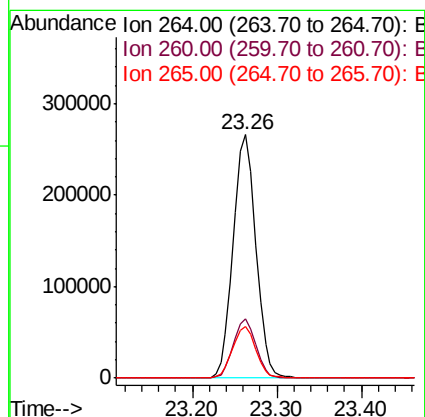
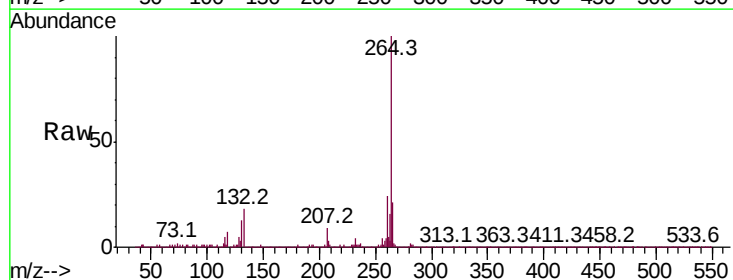
Instrument :
BNA_P
ClientSampleId :
PB130369BS

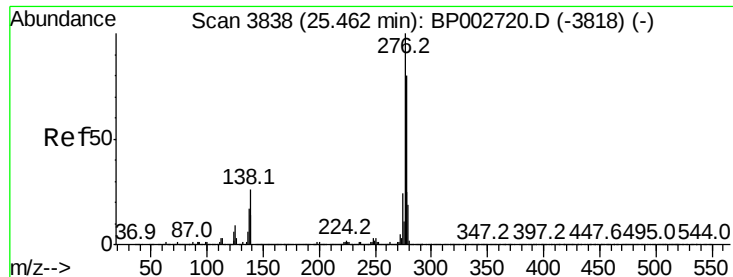
Tot Ion:149 Resp: 1451071
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.0 8.2 12.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.26 min Scan# 3464
Delta R.T. 0.00 min
Lab File: BP002824.D
Acq: 22 Jul 2020 14:28

Tgt Ion:264 Resp: 491253
Ion Ratio Lower Upper
264 100
260 24.3 19.3 28.9
265 21.0 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.252 ng

RT: 25.48 min Scan# 3841

Delta R.T. 0.01 min

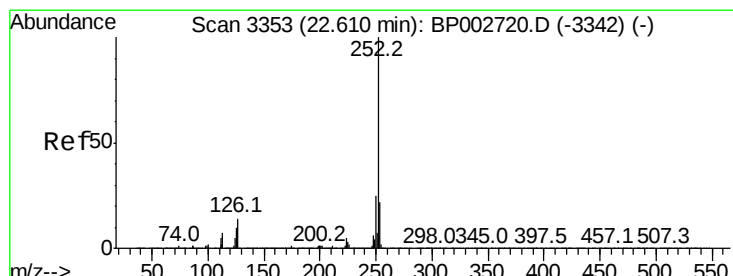
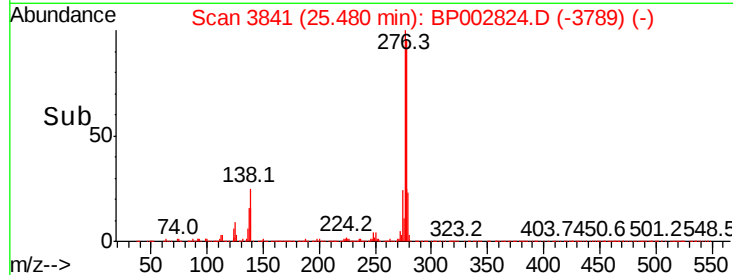
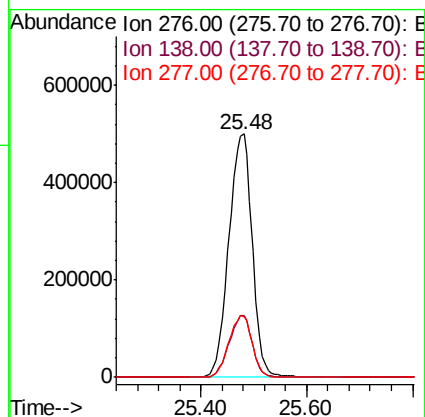
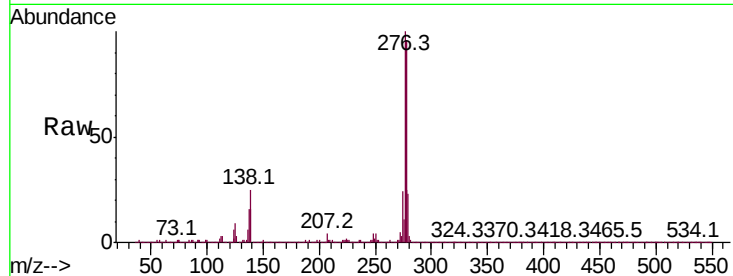
Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

Instrument :
BNA_P
ClientSampleId :
PB130369BS

Tot Ion:276 Resp: 1535699

Ion	Ratio	Lower	Upper
276	100		
138	25.1	20.8	31.2
277	25.3	20.0	30.0



#88

Benzo(b)fluoranthene

Concen: 43.411 ng

RT: 22.61 min Scan# 3353

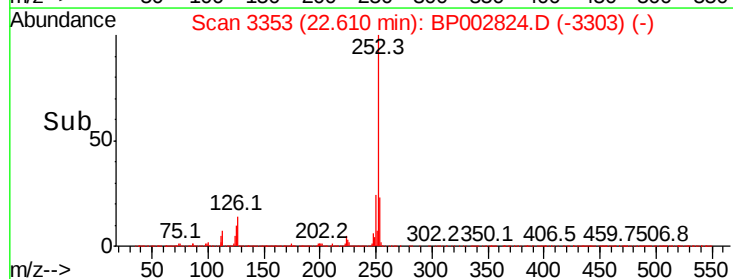
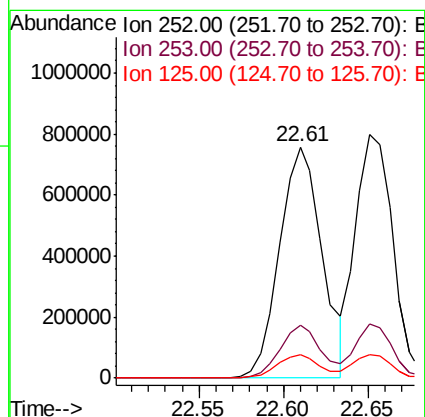
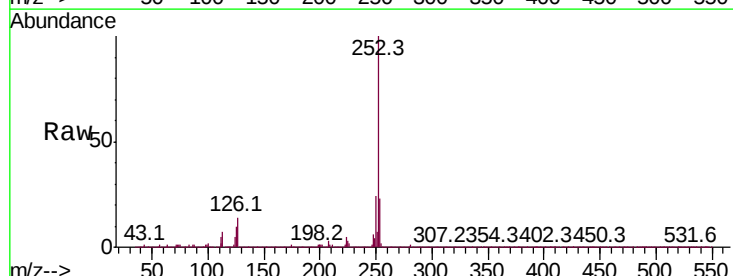
Delta R.T. -0.01 min

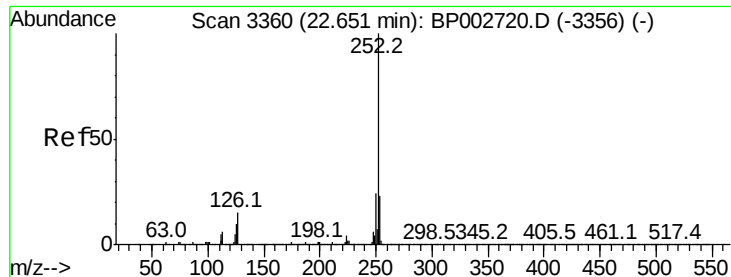
Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

Tgt Ion:252 Resp: 1324220

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	10.0	8.2	12.2





#89

Benzo(k)fluoranthene

Concen: 40.974 ng

RT: 22.65 min Scan# 3360

Delta R.T. -0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

Instrument :

BNA_P

ClientSampleId :

PB130369BS

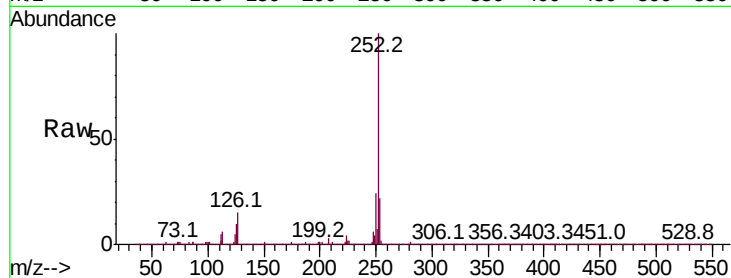
Tot Ion:252 Resp: 1231107

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

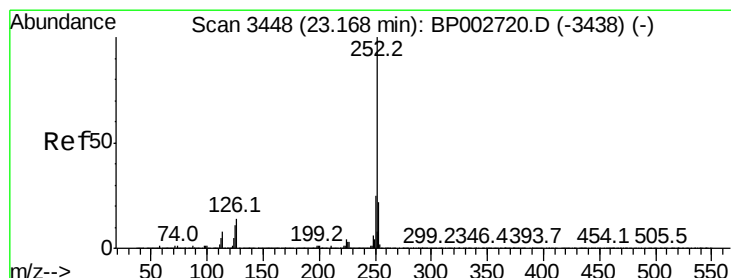
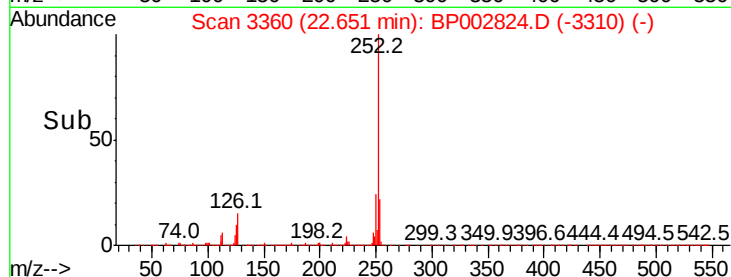
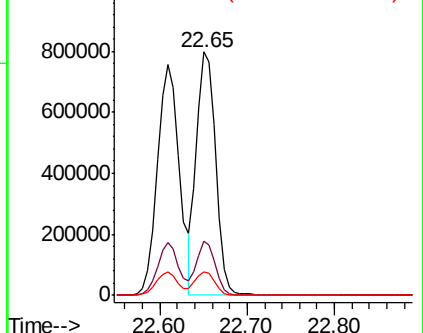
125 9.6 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.129 ng

RT: 23.17 min Scan# 3448

Delta R.T. -0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

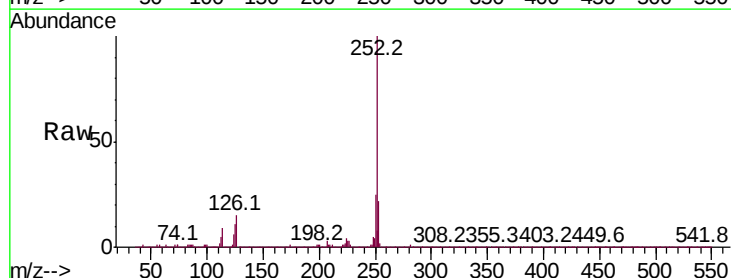
Tgt Ion:252 Resp: 1188905

Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

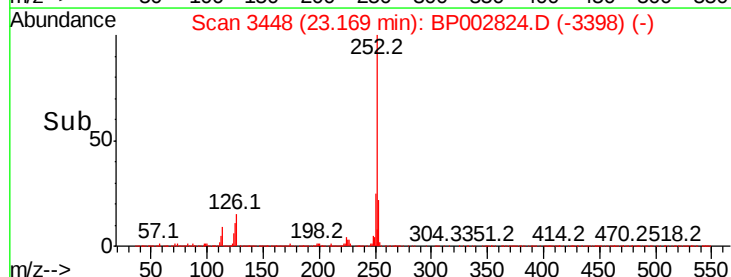
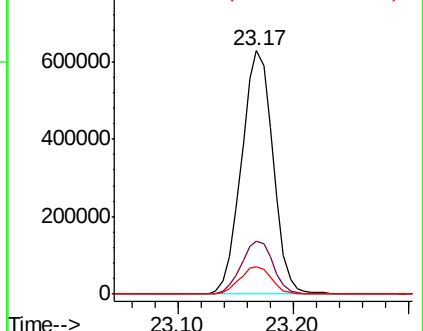
125 11.3 8.6 13.0

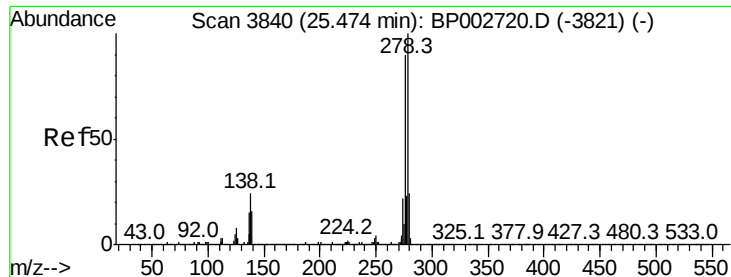


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 44.228 ng

RT: 25.49 min Scan# 3842

Delta R.T. 0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

Instrument :

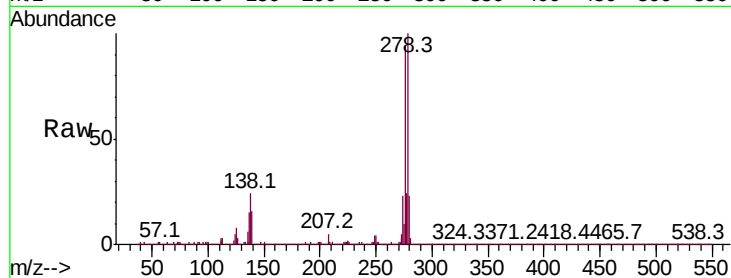
BNA_P

ClientSampleId :

PB130369BS

Tot Ion:278 Resp: 1266446

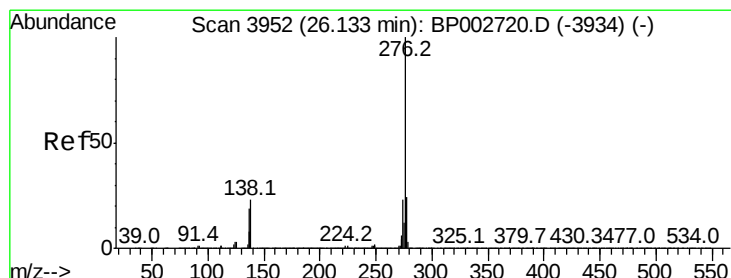
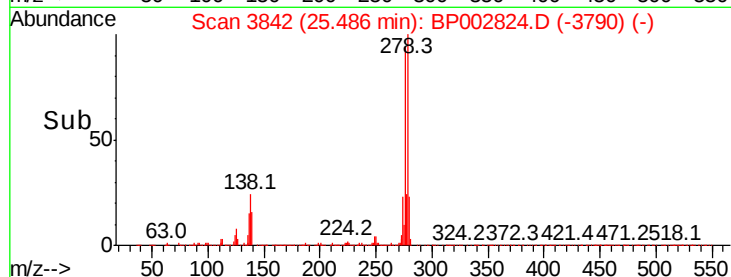
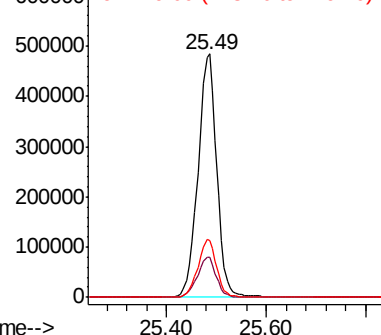
Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.1	19.7
279	23.3	19.0	28.6



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: 44.700 ng

RT: 26.15 min Scan# 3955

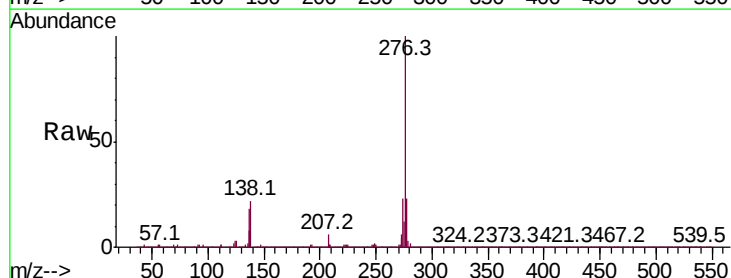
Delta R.T. 0.01 min

Lab File: BP002824.D

Acq: 22 Jul 2020 14:28

Tgt Ion:276 Resp: 1297743

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.1	28.7
138	21.8	18.3	27.5



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

