

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP071320\
 Data File : BP002737.D
 Acq On : 13 Jul 2020 15:47
 Operator : CG/JU
 Sample : PB129999BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129999BS

Quant Time: Jul 13 16:26:32 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	154354	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	610191	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	371260	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	769542	20.00	ng	0.00
76) Chrysene-d12	21.07	240	725769	20.00	ng	0.00
86) Perylene-d12	23.26	264	739761	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.18	112	1102575	120.52	ng	0.00
7) Phenol-d6	6.76	99	1452355	111.24	ng	0.00
23) Nitrobenzene-d5	8.70	82	877643	76.93	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	436094	112.53	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	1858370	77.44	ng	0.00
79) Terphenyl-d14	19.55	244	2615407	82.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.12	88	141795	35.550	ng	100
3) Pyridine	3.50	79	401104	33.744	ng	99
4) n-Nitrosodimethylamine	3.42	42	179388	40.061	ng	100
6) Aniline	6.89	93	511734	30.960	ng	99
8) 2-Chlorophenol	7.13	128	415523	40.823	ng	99
9) Benzaldehyde	6.70	77	135753	19.137	ng	98
10) Phenol	6.78	94	559071	41.800	ng	99
11) bis(2-Chloroethyl)ether	6.99	93	420693	37.816	ng	99
12) 1,3-Dichlorobenzene	7.45	146	440665	37.755	ng	99
13) 1,4-Dichlorobenzene	7.59	146	446542	38.122	ng	99
14) 1,2-Dichlorobenzene	7.90	146	423954	37.532	ng	98
15) Benzyl Alcohol	7.80	79	335616	38.412	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.09	45	586281	36.644	ng	99
17) 2-Methylphenol	8.01	107	355970	37.358	ng	99
18) Hexachloroethane	8.62	117	158971	38.317	ng	98
19) n-Nitroso-di-n-propylamine	8.36	70	301954	37.977	ng	99
20) 3+4-Methylphenols	8.34	107	474198	37.636	ng	99
22) Acetophenone	8.37	105	584548	38.859	ng	99
24) Nitrobenzene	8.74	77	475156	38.456	ng	100
25) Isophorone	9.26	82	851322	36.612	ng	99
26) 2-Nitrophenol	9.45	139	210315	39.409	ng	99
27) 2,4-Dimethylphenol	9.53	122	366644	42.317	ng	98
28) bis(2-Chloroethoxy)methane	9.75	93	546858	38.719	ng	100
29) 2,4-Dichlorophenol	9.99	162	386111	40.421	ng	99
30) 1,2,4-Trichlorobenzene	10.19	180	413004	37.748	ng	98
31) Naphthalene	10.37	128	1215029	37.716	ng	99
32) Benzoic acid	9.69	122	168924	28.555	ng	99
33) 4-Chloroaniline	10.49	127	268358	19.440	ng	99
34) Hexachlorobutadiene	10.67	225	227996	36.053	ng	99
35) Caprolactam	11.25	113	56141	16.809	ng	98
36) 4-Chloro-3-methylphenol	11.64	107	409056	39.728	ng	100
37) 2-Methylnaphthalene	12.00	142	874656	38.475	ng	100
38) 1-Methylnaphthalene	12.22	142	831486	38.671	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.38	216	431540	37.822	ng	99

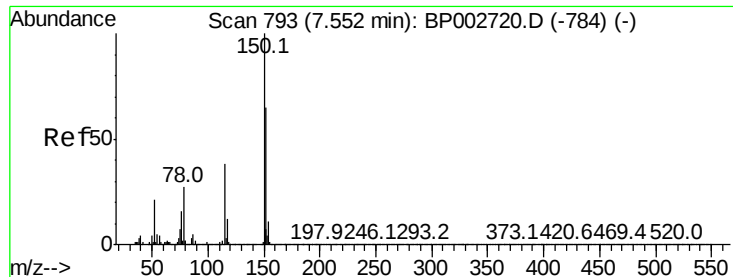
Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP071320\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	385720	76.662	ng	99
43) 2,4,6-Trichlorophenol	12.63	196	286628	39.247	ng	99
44) 2,4,5-Trichlorophenol	12.71	196	315067	37.195	ng	97
46) 1,1'-Biphenyl	13.03	154	1080204	39.028	ng	98
47) 2-Chloronaphthalene	13.06	162	857655	38.150	ng	99
48) 2-Nitroaniline	13.28	65	268572	38.649	ng	93
49) Acenaphthylene	13.92	152	1361009	38.404	ng	99
50) Dimethylphthalate	13.67	163	1060123	37.442	ng	99
51) 2,6-Dinitrotoluene	13.78	165	231948	38.265	ng	97
52) Acenaphthene	14.27	154	806887	38.097	ng	99
53) 3-Nitroaniline	14.12	138	162473	23.957	ng	99
54) 2,4-Dinitrophenol	14.33	184	206228	63.693	ng	99
55) Dibenzofuran	14.60	168	1287716	37.909	ng	97
56) 4-Nitrophenol	14.46	139	365519	68.050	ng	99
57) 2,4-Dinitrotoluene	14.59	165	316311	39.623	ng	99
58) Fluorene	15.26	166	978366	38.924	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.85	232	272081	40.749	ng	98
60) Diethylphthalate	15.05	149	1023502	37.284	ng	99
61) 4-Chlorophenyl-phenylether	15.26	204	500660	37.488	ng	99
62) 4-Nitroaniline	15.29	138	245176	34.251	ng	97
63) Azobenzene	15.56	77	1095349	38.806	ng	99
65) 4,6-Dinitro-2-methylphenol	15.36	198	162818	36.780	ng	96
66) n-Nitrosodiphenylamine	15.48	169	904705	39.798	ng	100
67) 4-Bromophenyl-phenylether	16.16	248	310071	36.990	ng	96
68) Hexachlorobenzene	16.27	284	347880	39.389	ng	97
69) Atrazine	16.45	200	282930	45.590	ng	98
70) Pentachlorophenol	16.63	266	310727	73.417	ng	97
71) Phenanthrene	17.00	178	1639532	39.350	ng	99
72) Anthracene	17.10	178	1668185	40.800	ng	100
73) Carbazole	17.37	167	1532058	38.184	ng	100
74) Di-n-butylphthalate	17.95	149	1681943	38.653	ng	99
75) Fluoranthene	18.99	202	1904027	39.438	ng	99
77) Benzidine	19.17	184	906600	50.396	ng	99
78) Pyrene	19.35	202	1962158	39.157	ng	99
80) Butylbenzylphthalate	20.23	149	755538	38.208	ng	97
81) Benzo(a)anthracene	21.06	228	1811523	38.559	ng	99
82) 3,3'-Dichlorobenzidine	20.99	252	469920	30.202	ng	100
83) Chrysene	21.10	228	1777505	39.747	ng	98
84) Bis(2-ethylhexyl)phthalate	21.00	149	1085798	39.480	ng	99
85) Di-n-octyl phthalate	21.87	149	1894741	38.320	ng	100
87) Indeno(1,2,3-cd)pyrene	25.46	276	2303429	43.081	ng	100
88) Benzo(b)fluoranthene	22.60	252	1936060	42.148	ng	98
89) Benzo(k)fluoranthene	22.65	252	1834982	40.556	ng	100
90) Benzo(a)pyrene	23.16	252	1750754	40.220	ng	100
91) Dibenzo(a,h)anthracene	25.47	278	1918600	44.495	ng	100
92) Benzo(g,h,i)perylene	26.13	276	1897904	43.412	ng	100

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

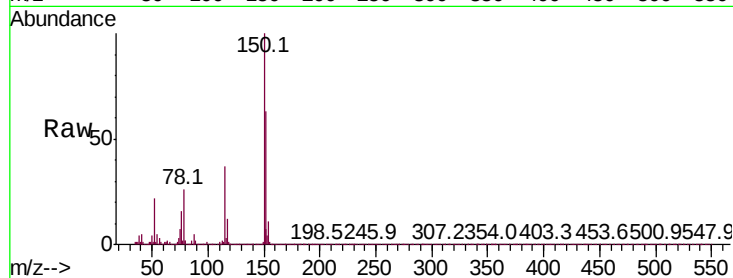


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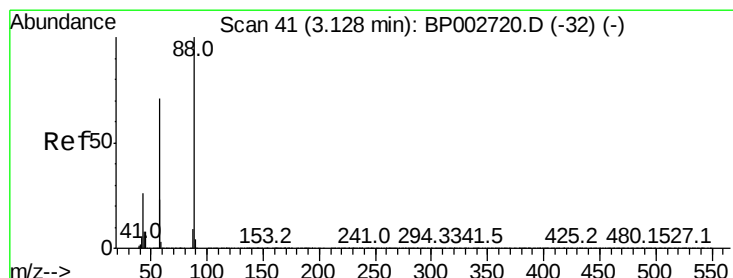
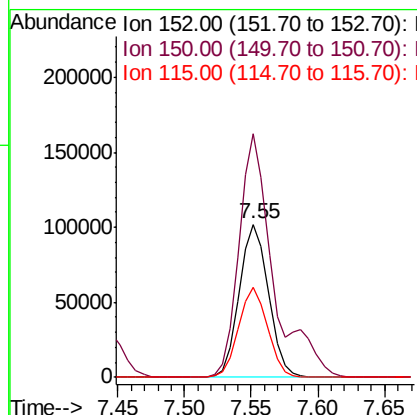
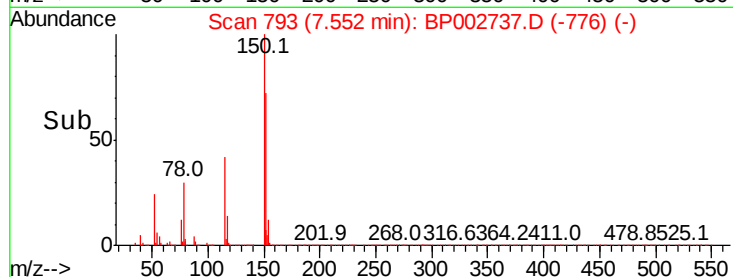
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 793
Delta R.T. 0.00 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

Instrument :
BNA_P
ClientSampleId :
PB129999BS

Tot Ion:152 Resp: 154354
Ion Ratio Lower Upper
152 100
150 159.4 123.7 185.5
115 58.8 47.2 70.8



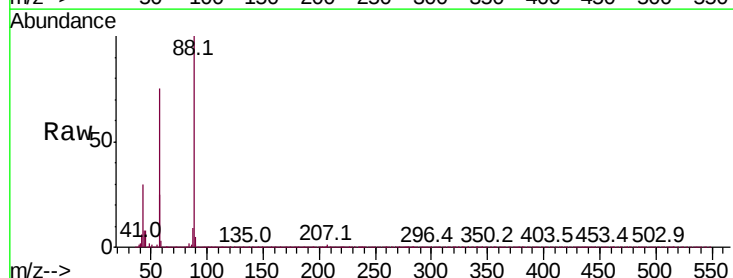
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



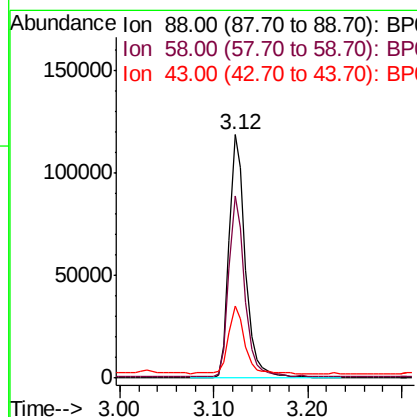
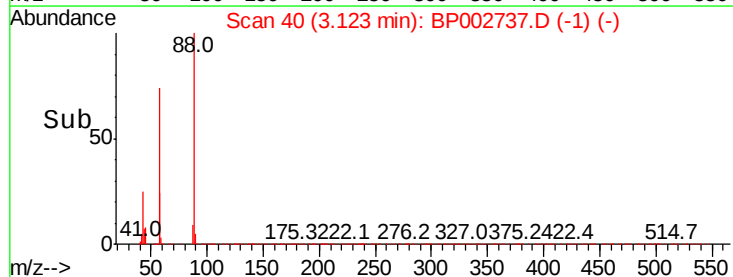
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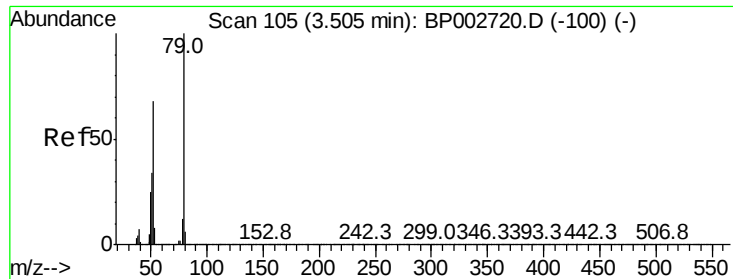
1,4-Dioxane
Concen: 35.550 ng
RT: 3.12 min Scan# 40
Delta R.T. -0.01 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

Tgt Ion: 88 Resp: 141795
Ion Ratio Lower Upper
88 100
58 73.3 58.2 87.4
43 27.0 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

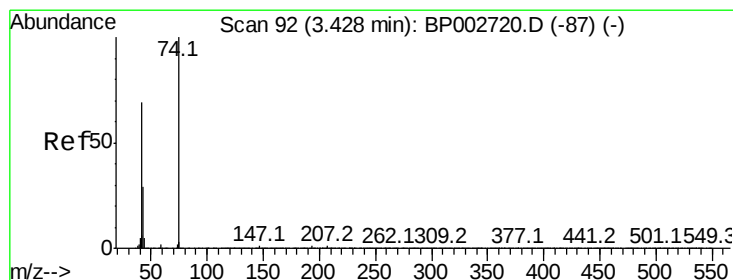
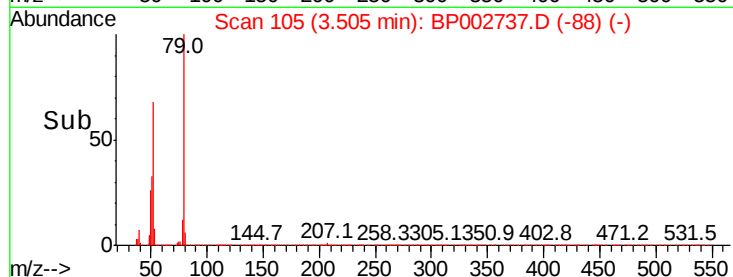
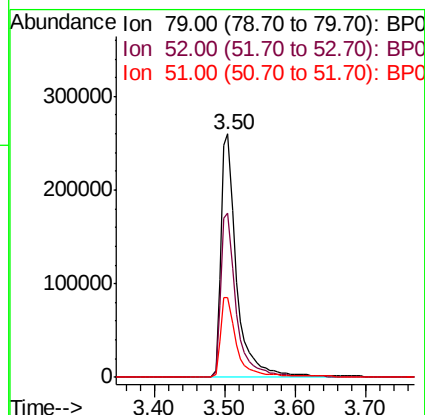
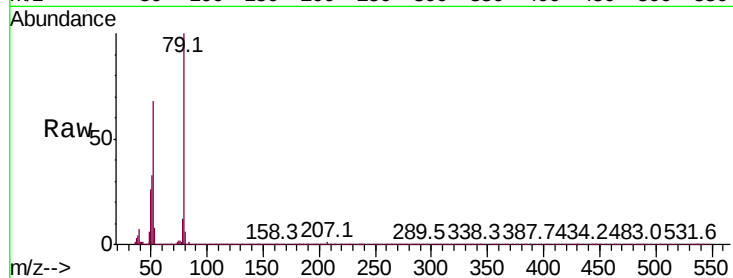




#3
 Pvridine
 Concen: 33.744 ng
 RT: 3.50 min Scan# 105
 Delta R.T. 0.00 min
 Lab File: BP002737.D
 Acq: 13 Jul 2020 15:47

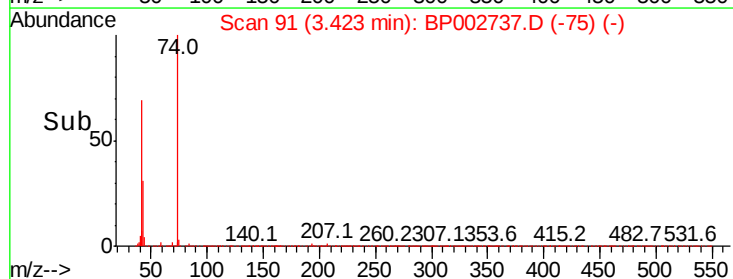
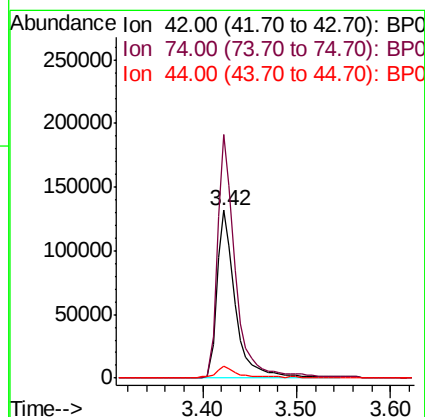
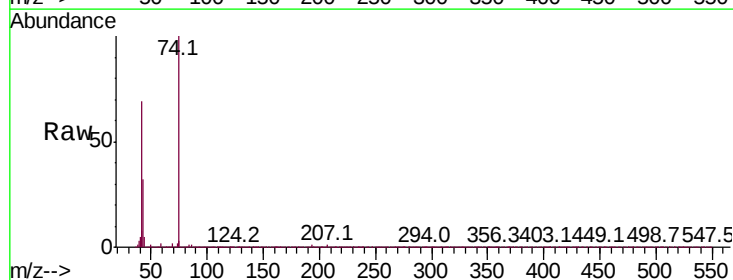
Instrument :
 BNA_P
 ClientSampleId :
 PB129999BS

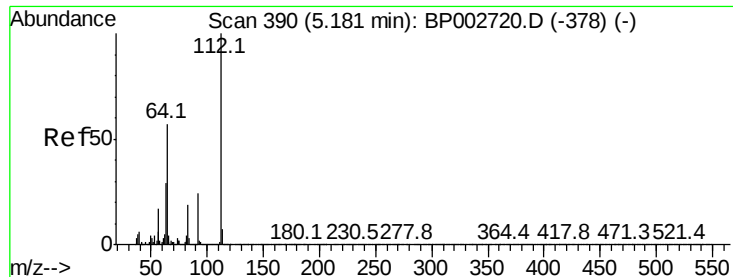
Tot Ion: 79 Resp: 401104
 Ion Ratio Lower Upper
 79 100
 52 67.7 54.2 81.2
 51 32.9 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 40.061 ng
 RT: 3.42 min Scan# 91
 Delta R.T. -0.01 min
 Lab File: BP002737.D
 Acq: 13 Jul 2020 15:47

Tgt Ion: 42 Resp: 179388
 Ion Ratio Lower Upper
 42 100
 74 144.9 116.3 174.5
 44 7.0 5.9 8.9





#5

2-Fluorophenol

Concen: 120.518 ng

RT: 5.18 min Scan# 390

Delta R.T. 0.00 min

Lab File: BP002737.D

Acq: 13 Jul 2020 15:47

Instrument :

BNA_P

ClientSampleId :

PB129999BS

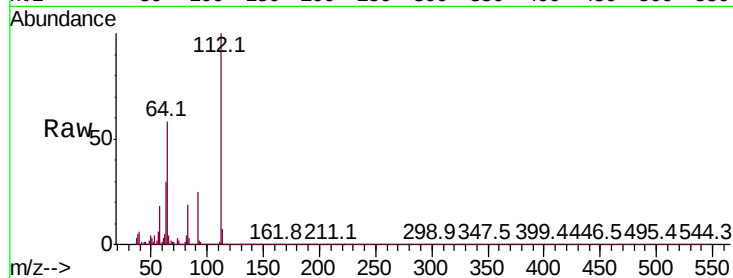
Tot Ion:112 Resp: 1102575

Ion Ratio Lower Upper

112 100

64 58.3 45.6 68.4

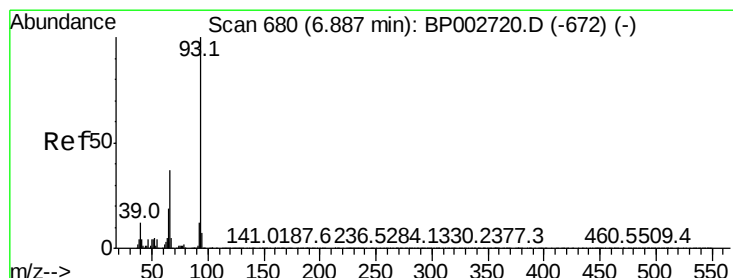
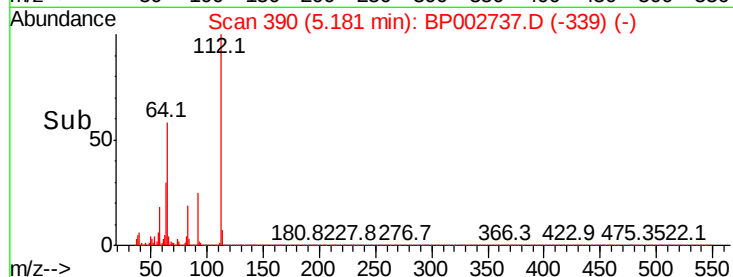
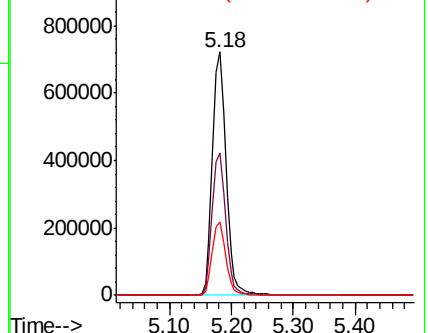
63 30.0 23.5 35.3



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: 30.960 ng

RT: 6.89 min Scan# 680

Delta R.T. 0.00 min

Lab File: BP002737.D

Acq: 13 Jul 2020 15:47

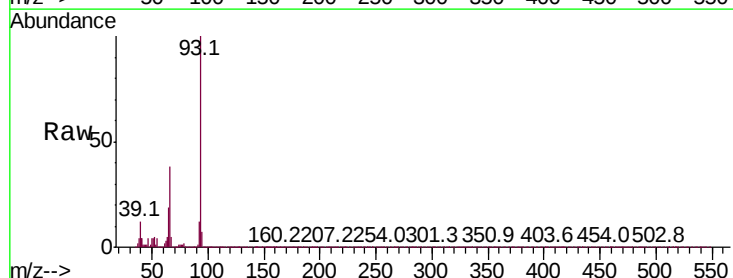
Tgt Ion: 93 Resp: 511734

Ion Ratio Lower Upper

93 100

66 38.0 30.1 45.1

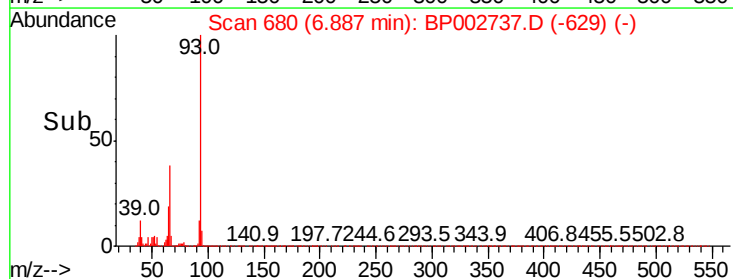
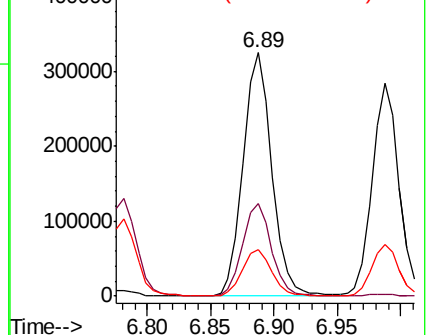
65 19.1 15.4 23.2

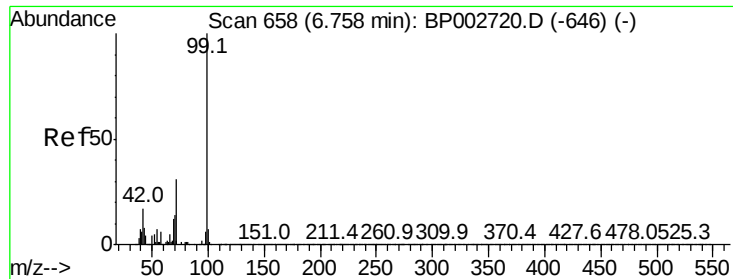


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 111.236 ng

RT: 6.76 min Scan# 658

Delta R.T. 0.00 min

Lab File: BP002737.D

Acq: 13 Jul 2020 15:47

Instrument :

BNA_P

ClientSampleId :

PB129999BS

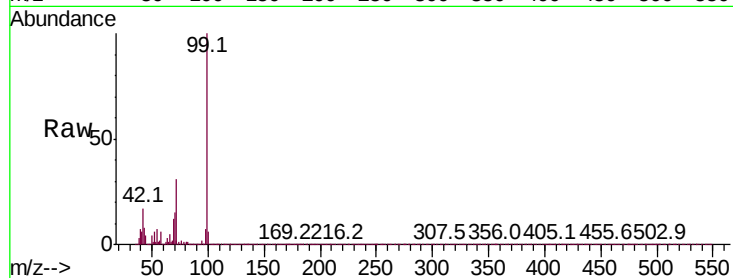
Tot Ion: 99 Resp: 1452355

Ion Ratio Lower Upper

99 100

42 17.1 13.4 20.2

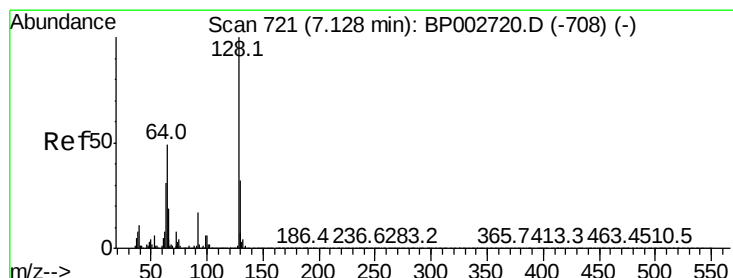
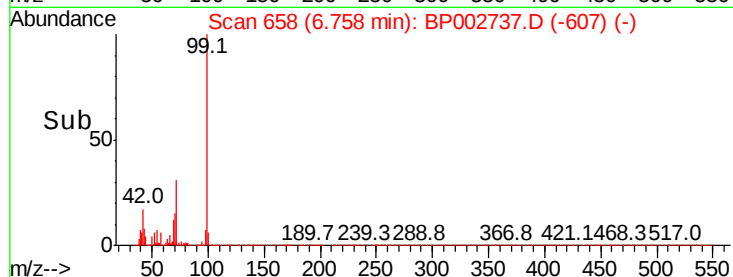
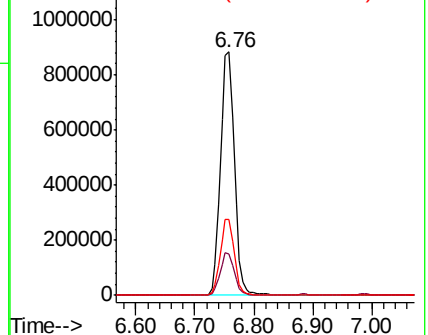
71 31.2 24.6 36.8



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 40.823 ng

RT: 7.13 min Scan# 721

Delta R.T. 0.00 min

Lab File: BP002737.D

Acq: 13 Jul 2020 15:47

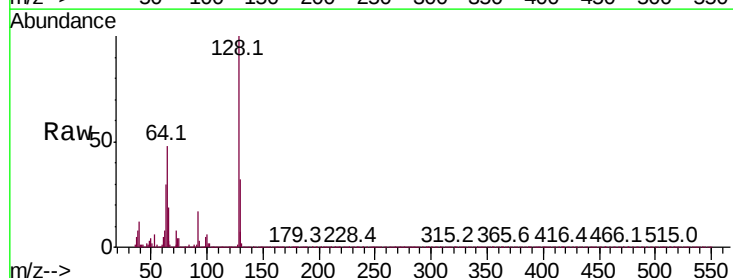
Tgt Ion:128 Resp: 415523

Ion Ratio Lower Upper

128 100

130 31.9 12.2 52.2

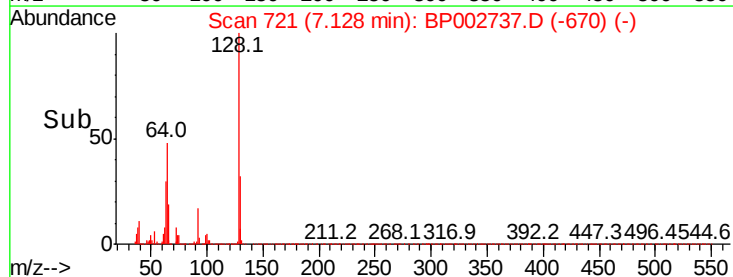
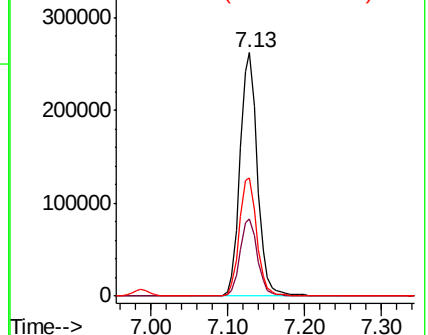
64 48.4 28.8 68.8

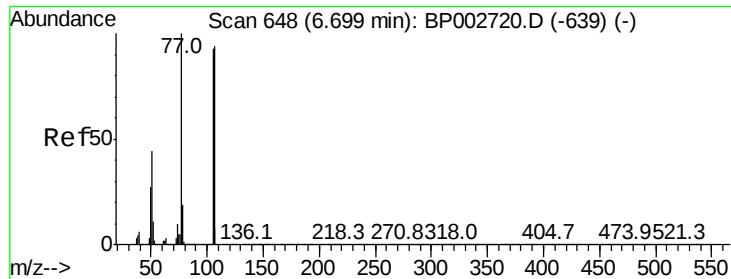


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 19.137 ng

RT: 6.70 min Scan# 648

Delta R.T. -0.01 min

Lab File: BP002737.D

Acq: 13 Jul 2020 15:47

Instrument :

BNA_P

ClientSampleID :

PB129999BS

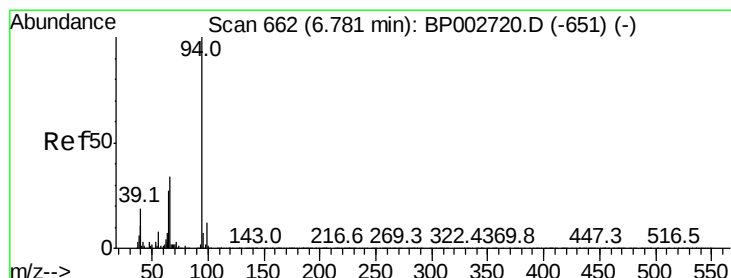
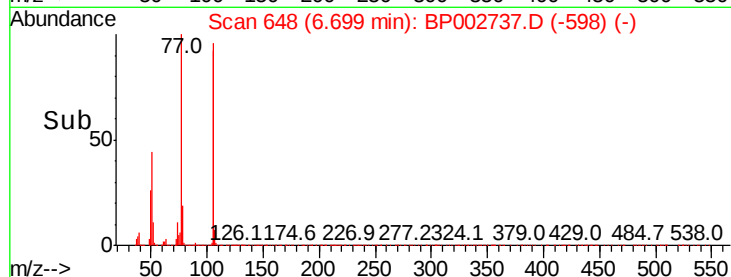
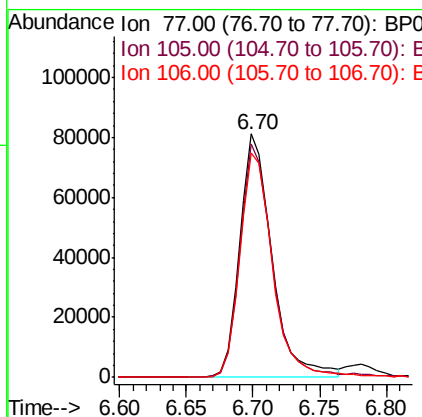
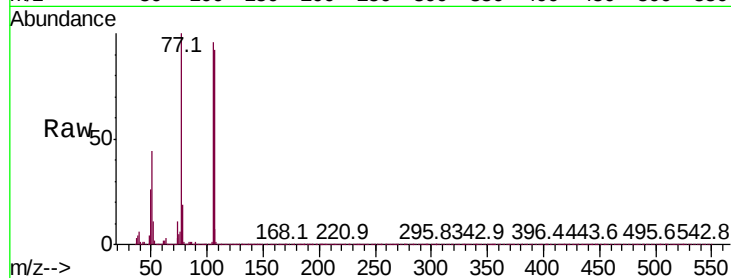
Tot Ion: 77 Resp: 135753

Ion Ratio Lower Upper

77 100

105 95.9 73.2 113.2

106 92.1 73.6 113.6



#10

Phenol

Concen: 41.800 ng

RT: 6.78 min Scan# 662

Delta R.T. 0.00 min

Lab File: BP002737.D

Acq: 13 Jul 2020 15:47

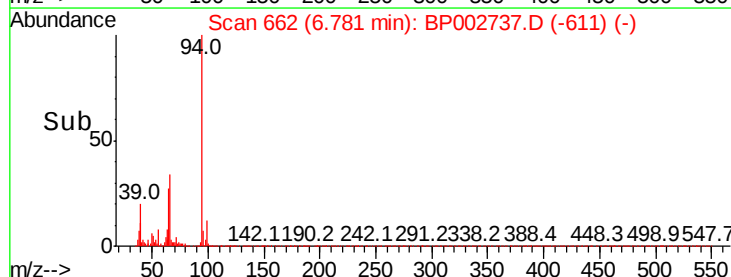
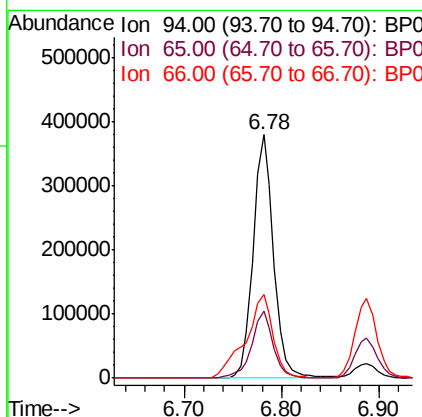
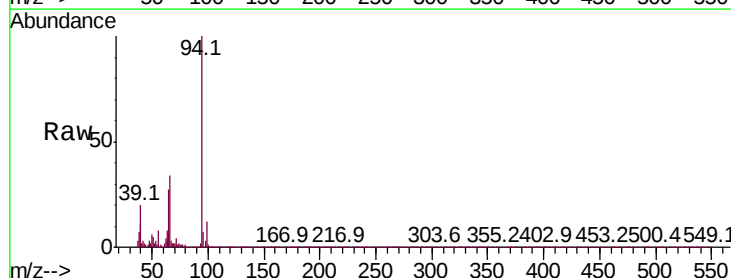
Tgt Ion: 94 Resp: 559071

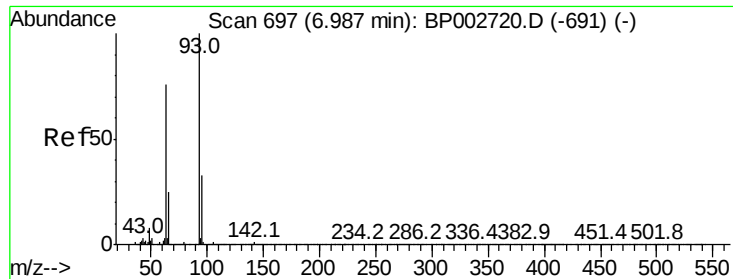
Ion Ratio Lower Upper

94 100

65 27.3 7.0 47.0

66 34.2 13.7 53.7

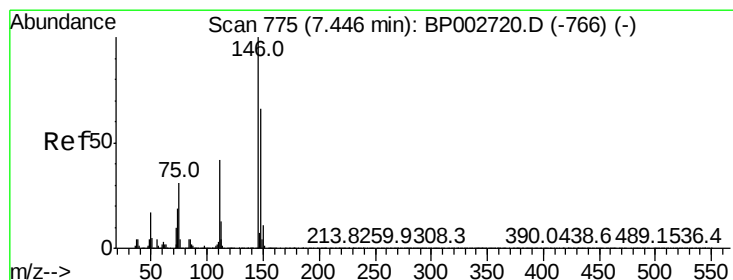
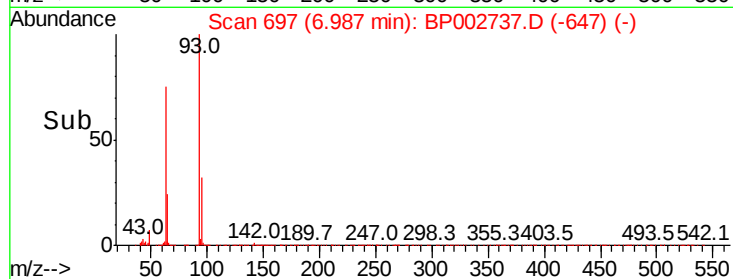
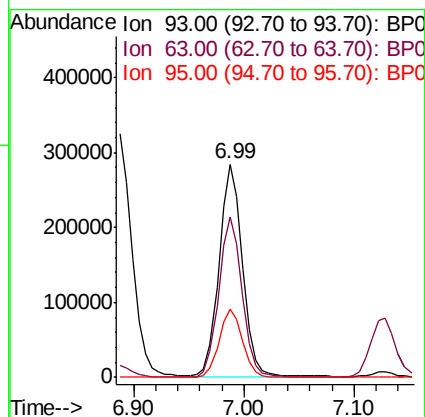
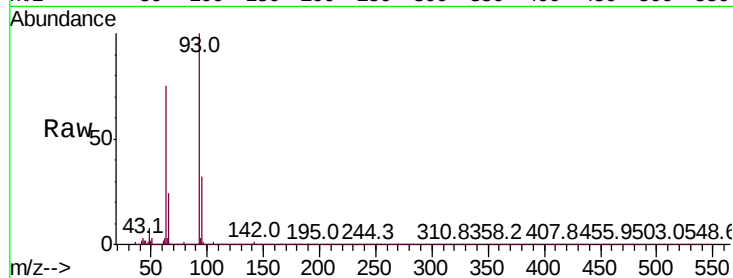




#11
bis(2-Chloroethyl)ether
Concen: 37.816 ng
RT: 6.99 min Scan# 697
Delta R.T. -0.01 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

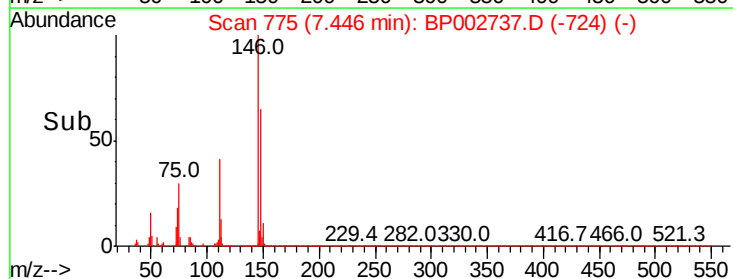
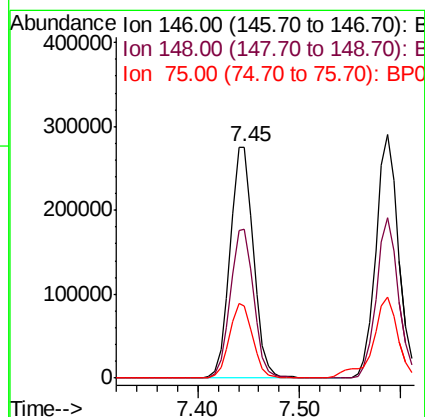
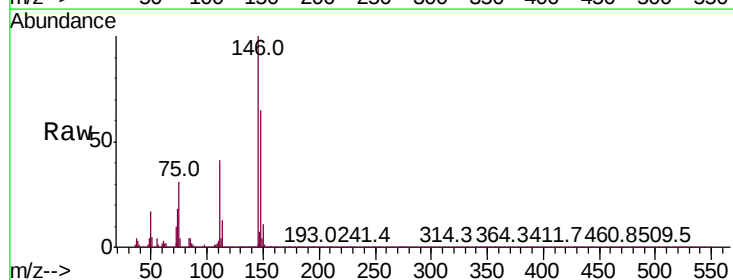
Instrument :
BNA_P
ClientSampleId :
PB129999BS

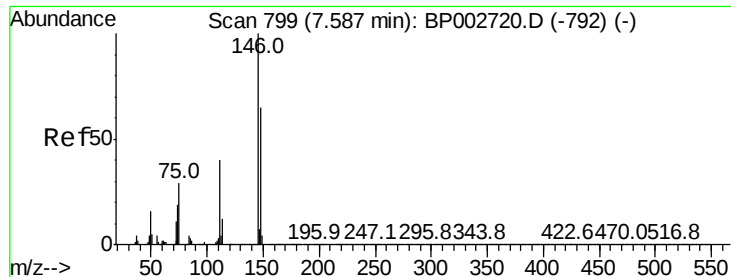
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.4	55.1	95.1
95	32.0	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 37.755 ng
RT: 7.45 min Scan# 775
Delta R.T. 0.00 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.6	78.8
75	31.0	25.2	37.8





#13

1,4-Dichlorobenzene

Concen: 38.122 ng

RT: 7.59 min Scan# 799

Delta R.T. 0.00 min

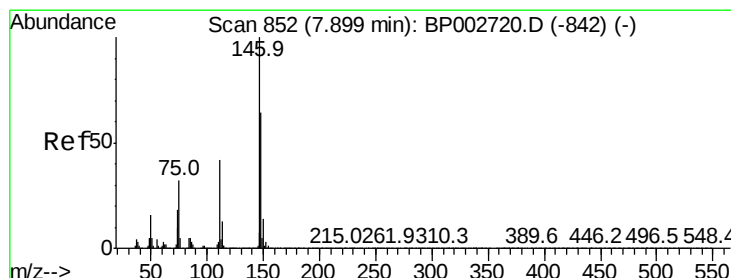
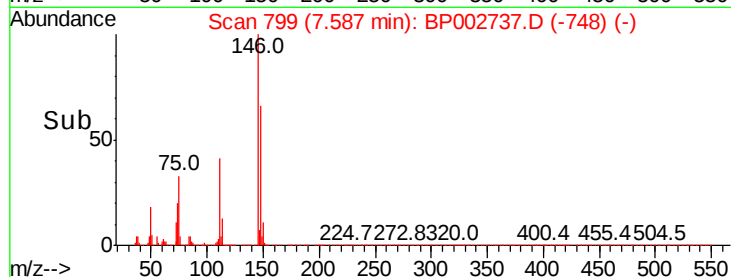
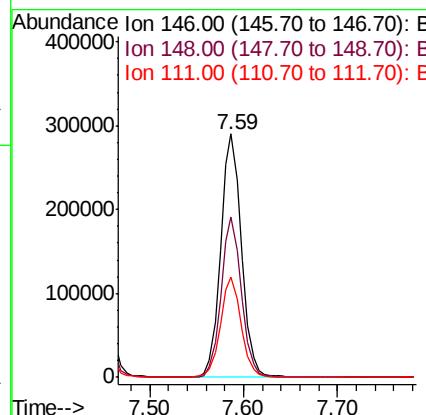
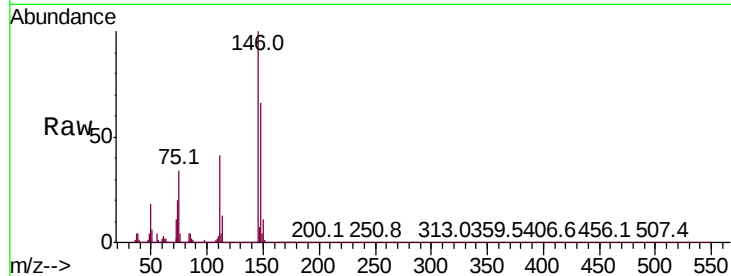
Lab File: BP002737.D

Acq: 13 Jul 2020 15:47

Instrument :
BNA_P
ClientSampleId :
PB129999BS

Tot Ion:146 Resp: 446542

Ion	Ratio	Lower	Upper
146	100		
148	65.9	52.1	78.1
111	41.0	32.2	48.2



#14

1,2-Dichlorobenzene

Concen: 37.532 ng

RT: 7.90 min Scan# 852

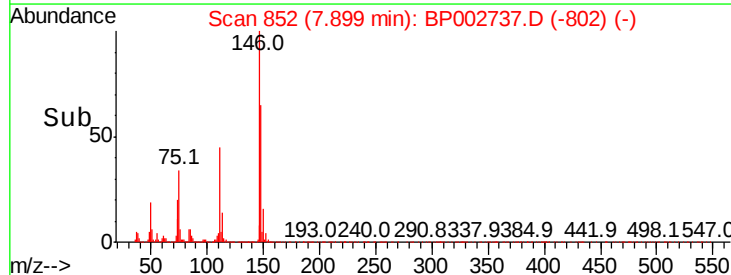
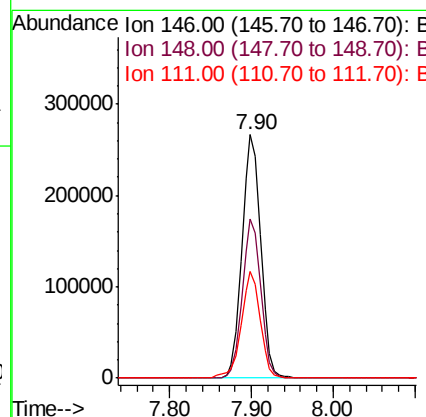
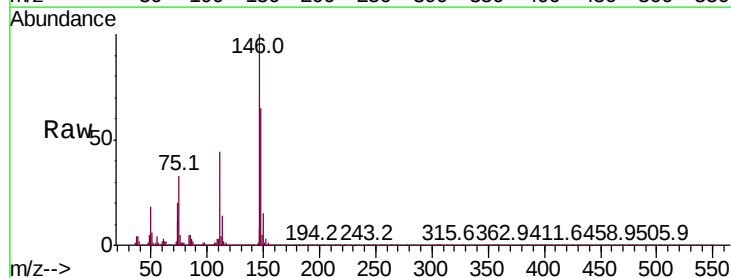
Delta R.T. -0.01 min

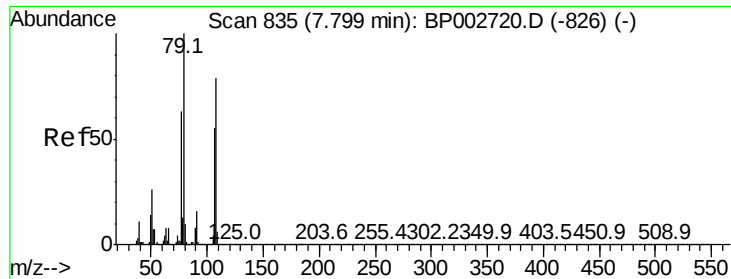
Lab File: BP002737.D

Acq: 13 Jul 2020 15:47

Tgt Ion:146 Resp: 423954

Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.0	76.6
111	43.8	33.9	50.9

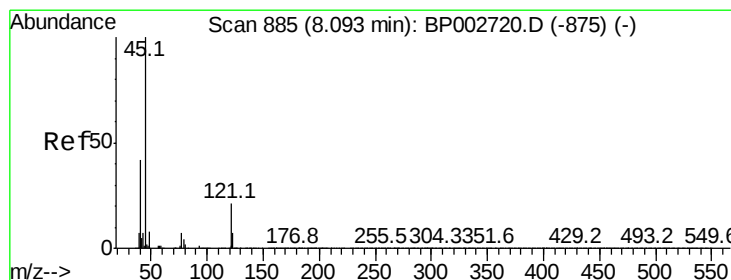
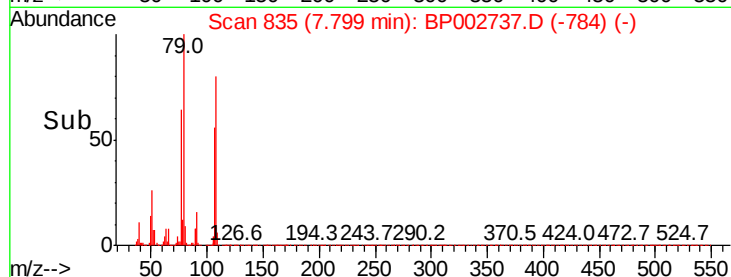
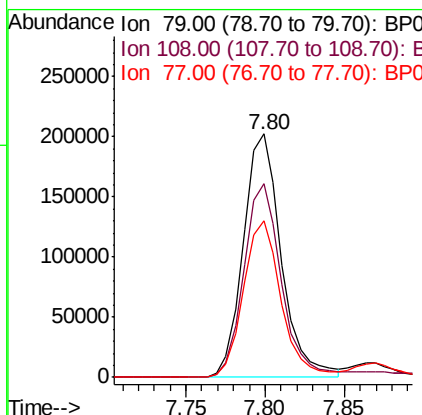
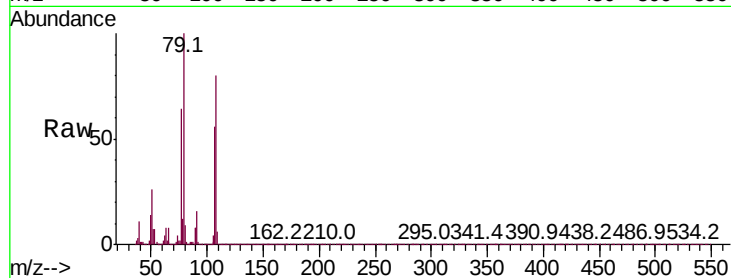




#15
Benzyl Alcohol
Concen: 38.412 ng
RT: 7.80 min Scan# 835
Delta R.T. 0.00 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

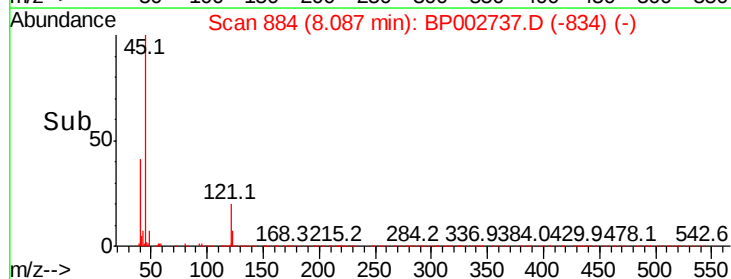
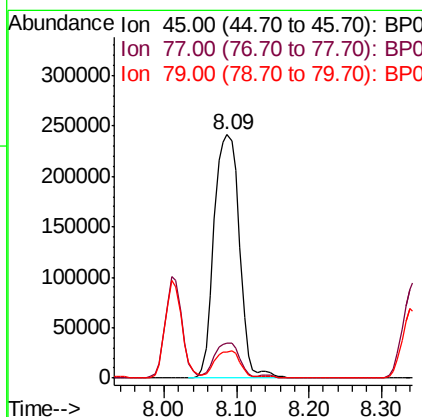
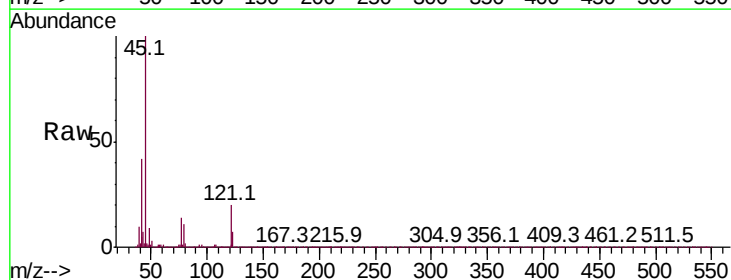
Instrument :
BNA_P
ClientSampleId :
PB129999BS

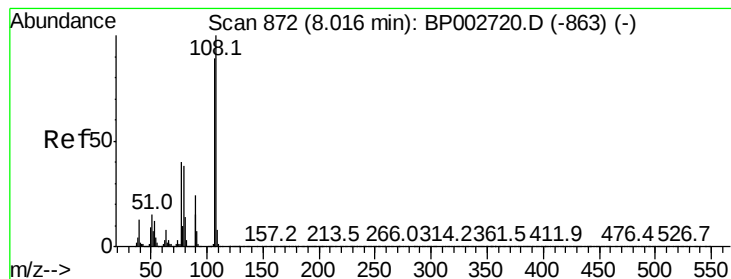
Tot Ion: 79 Resp: 335616
Ion Ratio Lower Upper
79 100
108 79.6 63.1 94.7
77 64.0 50.8 76.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.644 ng
RT: 8.09 min Scan# 884
Delta R.T. -0.01 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

Tgt Ion: 45 Resp: 586281
Ion Ratio Lower Upper
45 100
77 14.3 0.0 34.8
79 10.9 0.0 31.6





#17

2-Methylphenol

Concen: 37.358 ng

RT: 8.01 min Scan# 871

Delta R.T. -0.01 min

Lab File: BP002737.D

Acq: 13 Jul 2020 15:47

Instrument :

BNA_P

ClientSampleId :

PB129999BS

Tot Ion:107 Resp: 355970

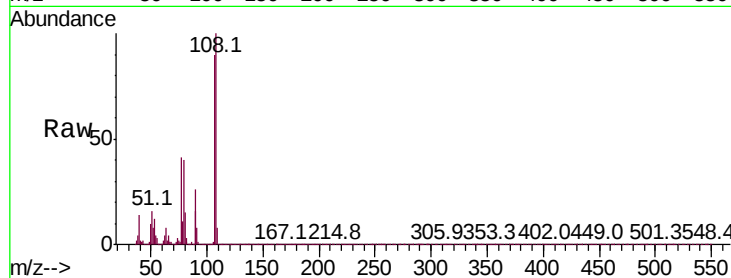
Ion Ratio Lower Upper

107 100

108 111.5 89.9 134.9

77 46.2 36.6 54.8

79 44.4 34.9 52.3

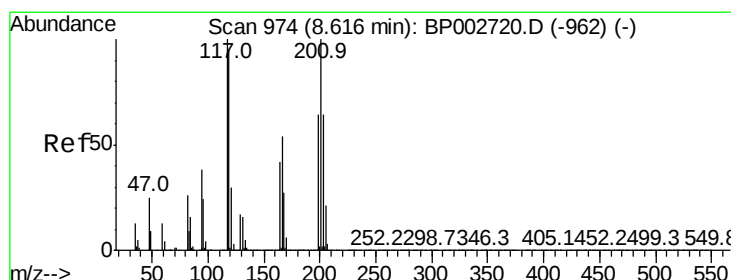
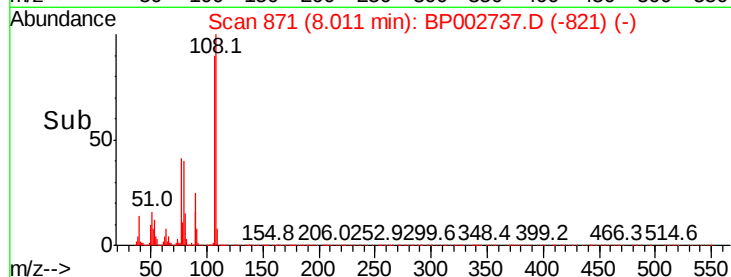
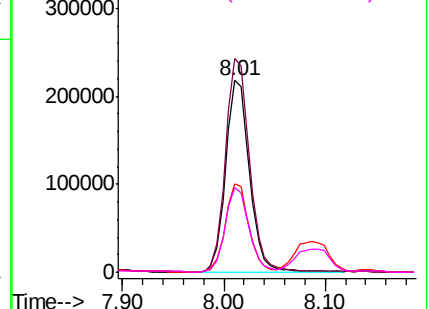


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.317 ng

RT: 8.62 min Scan# 974

Delta R.T. -0.01 min

Lab File: BP002737.D

Acq: 13 Jul 2020 15:47

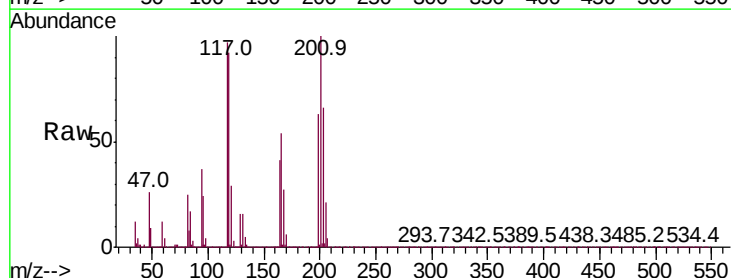
Tgt Ion:117 Resp: 158971

Ion Ratio Lower Upper

117 100

119 94.9 76.6 115.0

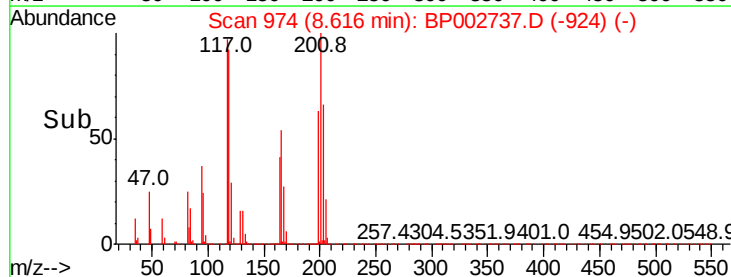
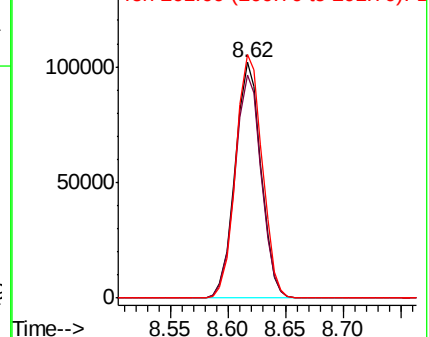
201 103.4 80.3 120.5

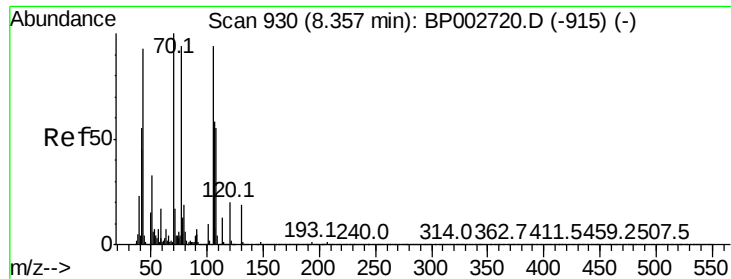


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

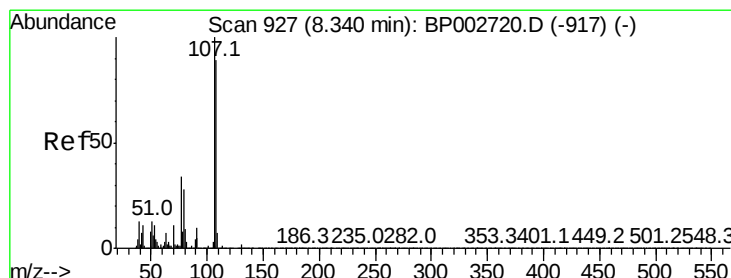
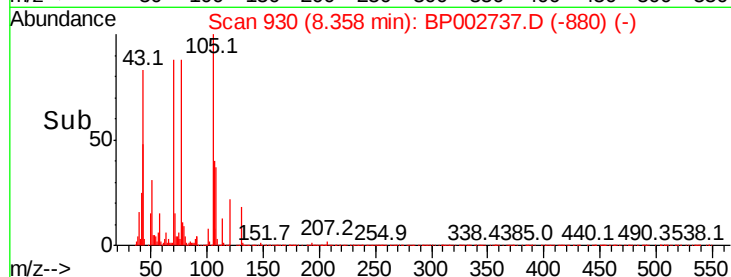
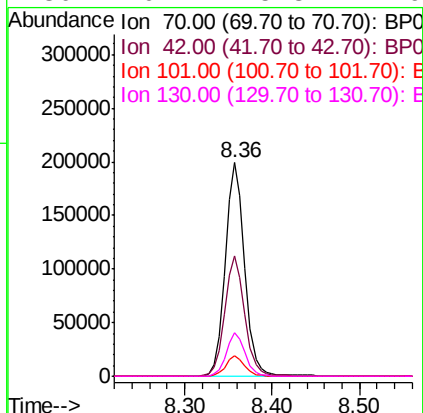
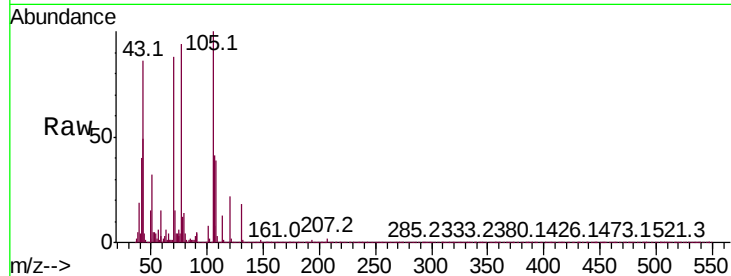




#19
n-Nitroso-di-n-propylamine
Concen: 37.977 ng
RT: 8.36 min Scan# 930
Delta R.T. -0.01 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

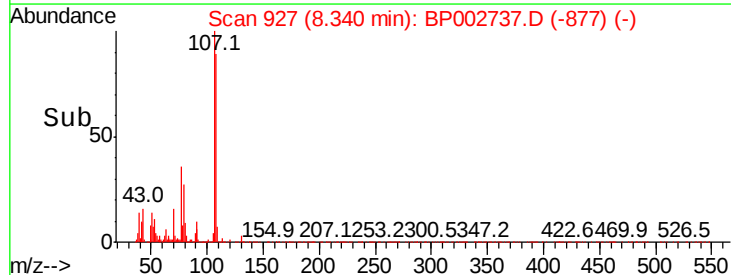
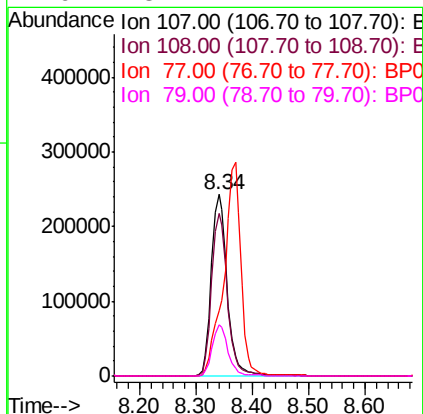
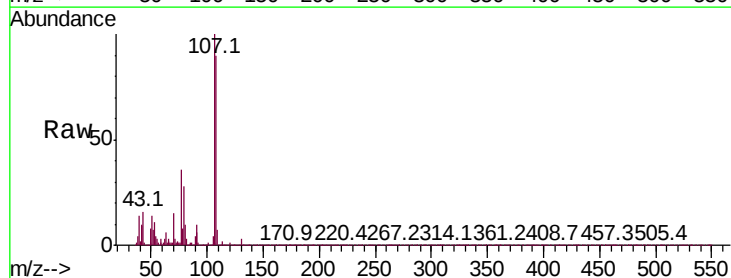
Instrument :
BNA_P
ClientSampleId :
PB129999BS

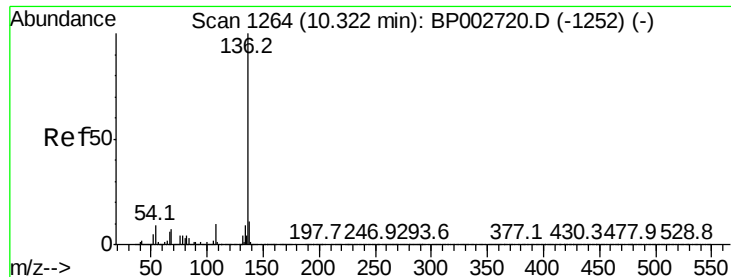
Tot Ion:	70	Resp:	301954
Ion	Ratio	Lower	Upper
70	100		
42	56.1	44.2	66.4
101	9.5	7.7	11.5
130	20.2	15.3	22.9



#20
3+4-Methylphenols
Concen: 37.636 ng
RT: 8.34 min Scan# 927
Delta R.T. -0.01 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

Tgt Ion:	107	Resp:	474198
Ion	Ratio	Lower	Upper
107	100		
108	89.9	69.5	109.5
77	36.1	14.3	54.3
79	28.2	7.7	47.7

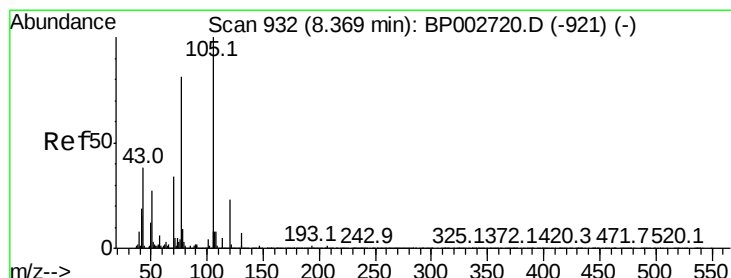
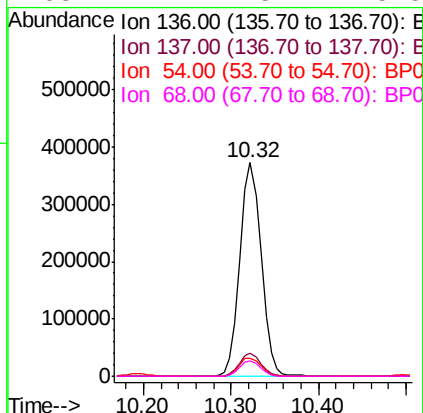
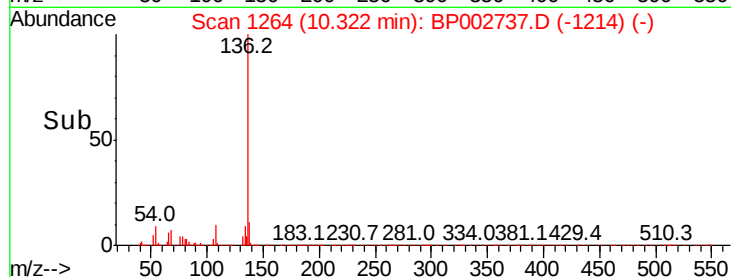
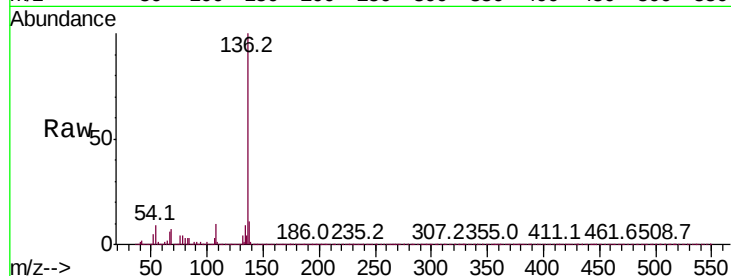




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

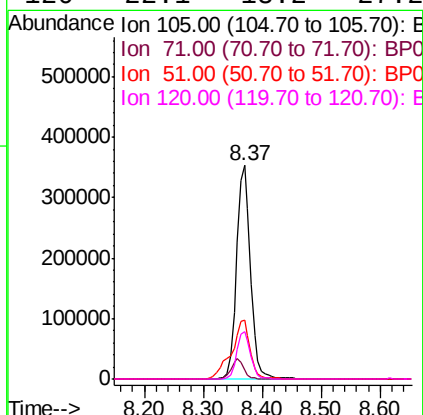
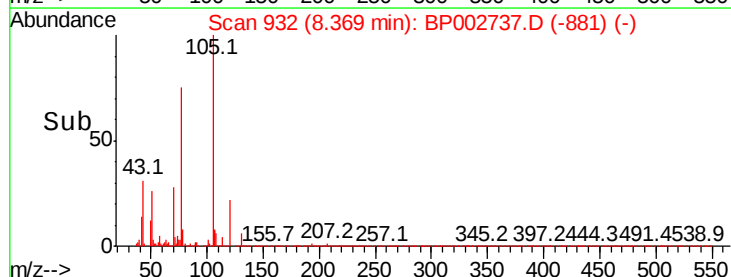
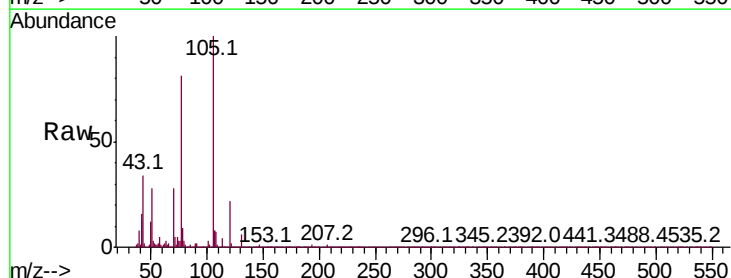
Instrument :
BNA_P
ClientSampleId :
PB129999BS

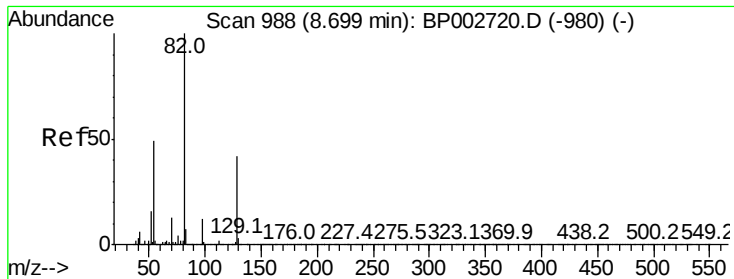
Tot Ion:	136	Resp:	610191
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.7	6.9	10.3
68	7.2	5.7	8.5



#22
Acetophenone
Concen: 38.859 ng
RT: 8.37 min Scan# 932
Delta R.T. 0.00 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

Tgt Ion:	105	Resp:	584548
Ion	Ratio	Lower	Upper
105	100		
71	4.5	4.4	6.6
51	27.8	21.8	32.8
120	22.1	18.2	27.2

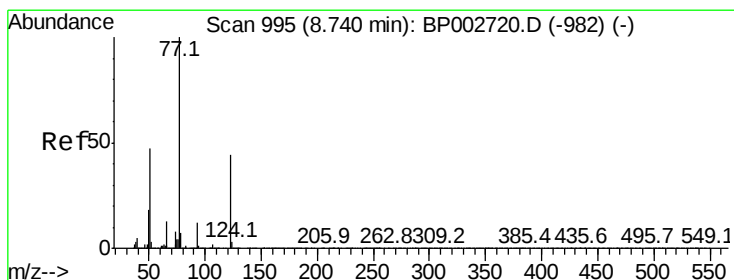
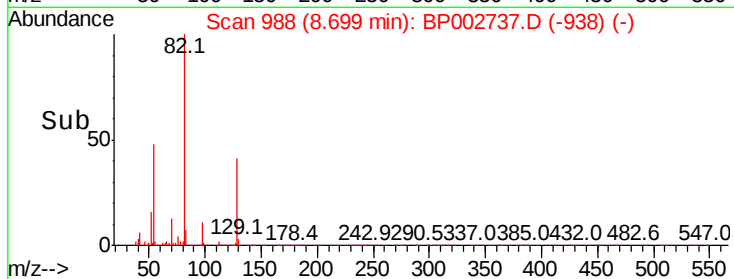
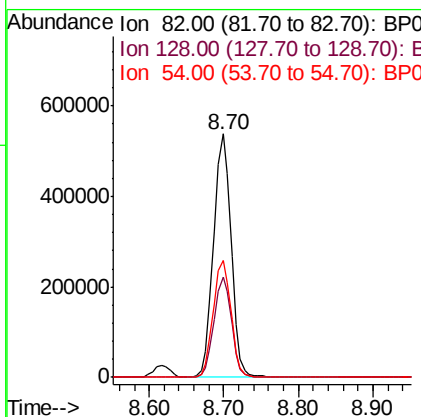
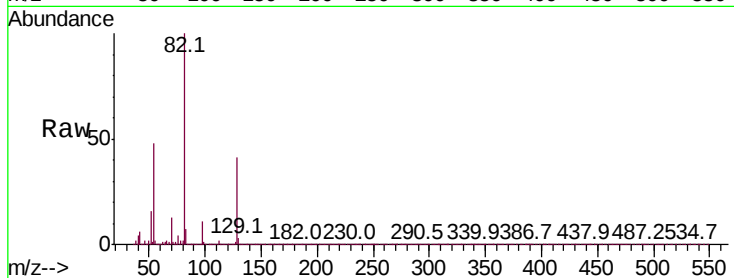




#23
Nitrobenzene-d5
Concen: 76.926 ng
RT: 8.70 min Scan# 988
Delta R.T. -0.01 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

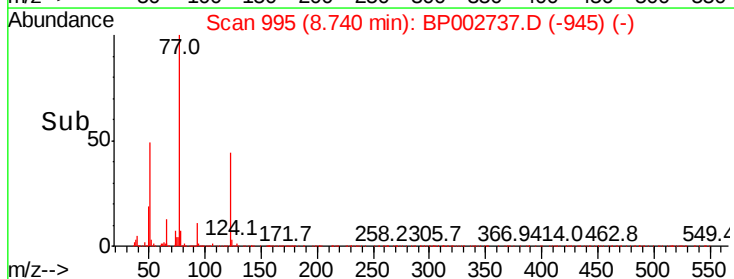
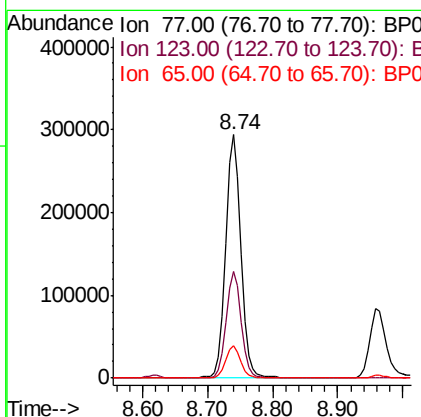
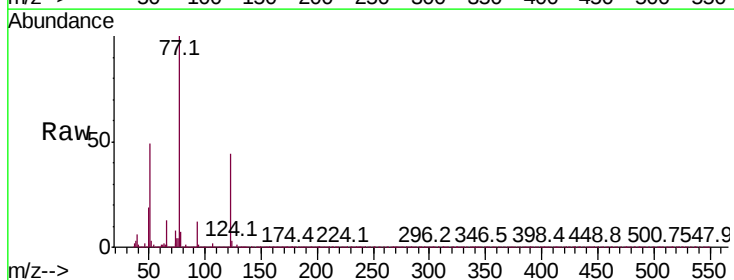
Instrument :
BNA_P
ClientSampleId :
PB129999BS

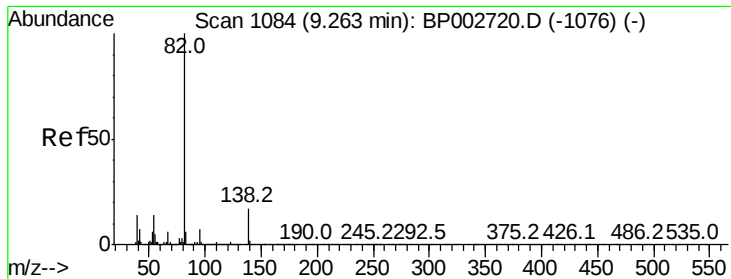
Tot Ion	82	Resp	877643
Ion Ratio	100	Lower	Upper
128	41.3	33.8	50.8
54	48.2	38.8	58.2



#24
Nitrobenzene
Concen: 38.456 ng
RT: 8.74 min Scan# 995
Delta R.T. -0.01 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

Tgt Ion	77	Resp	475156
Ion Ratio	100	Lower	Upper
123	43.9	35.0	52.6
65	13.1	10.4	15.6





#25

Isophorone

Concen: 36.612 ng

RT: 9.26 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BP002737.D

Acq: 13 Jul 2020 15:47

Instrument :

BNA_P

ClientSampleId :

PB129999BS

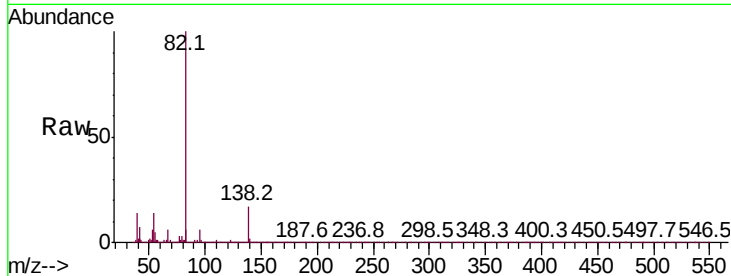
Tot Ion: 82 Resp: 851322

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

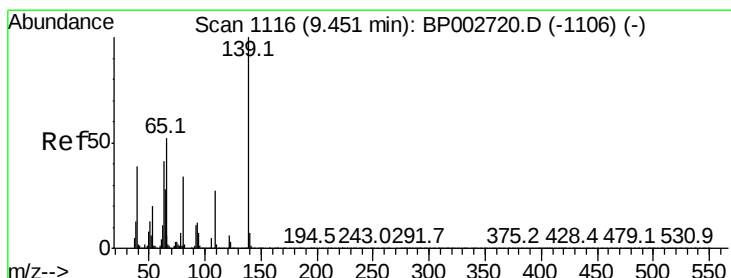
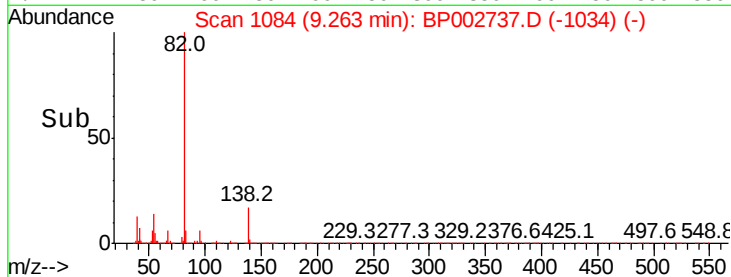
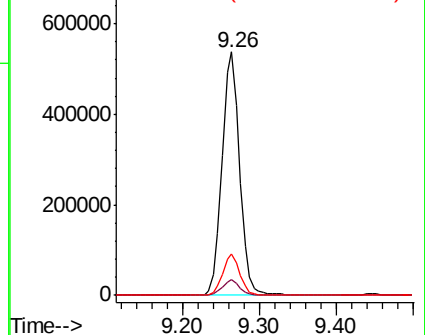
138 16.8 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 138.00 (137.70 to 138.70): BP0



#26

2-Nitrophenol

Concen: 39.409 ng

RT: 9.45 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BP002737.D

Acq: 13 Jul 2020 15:47

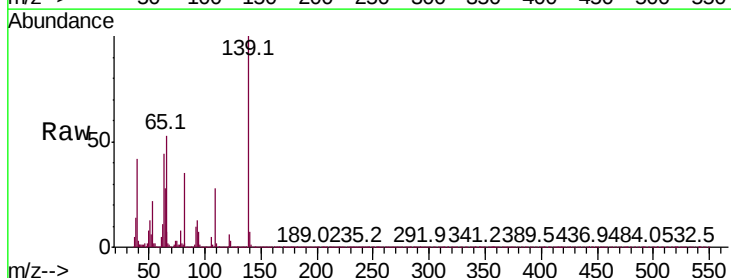
Tgt Ion: 139 Resp: 210315

Ion Ratio Lower Upper

139 100

109 27.9 21.9 32.9

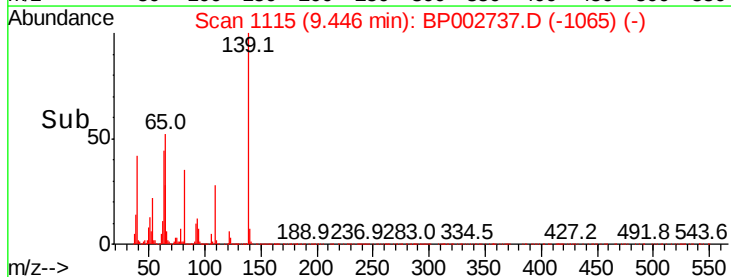
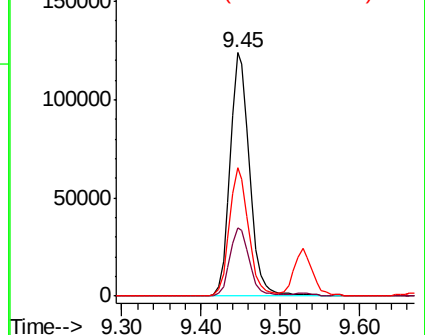
65 52.5 41.3 61.9

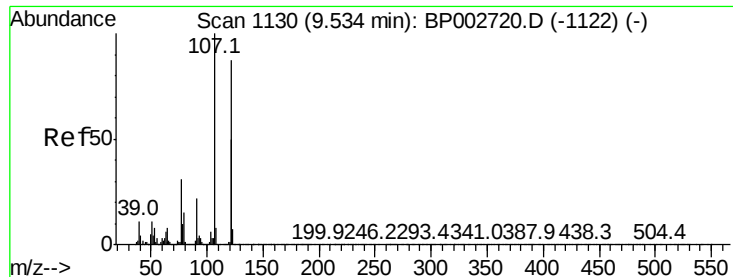


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

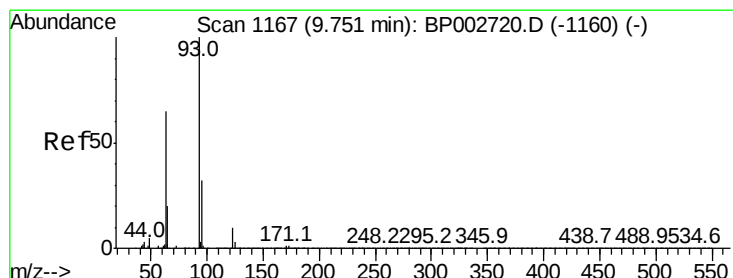
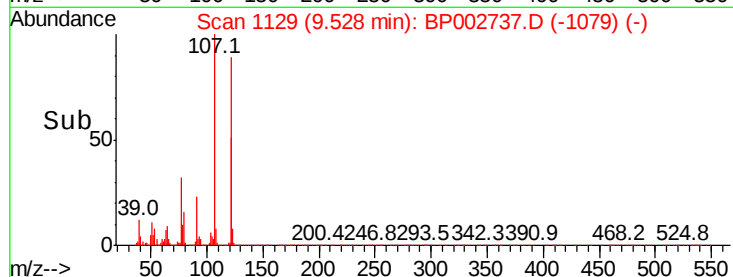
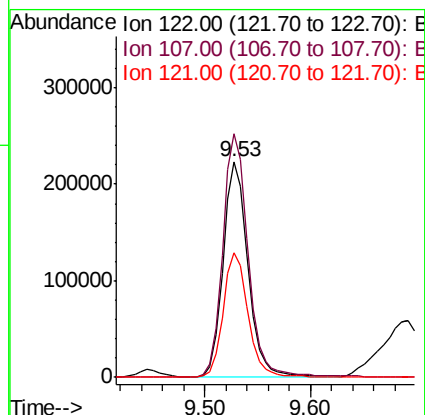
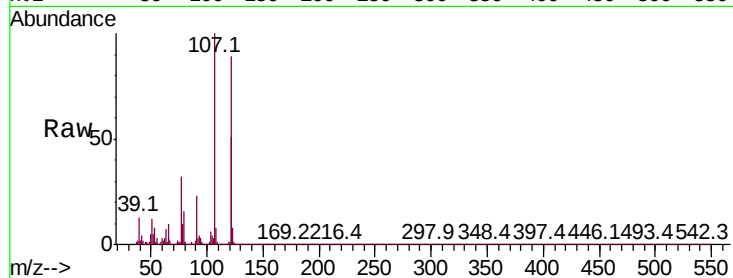




#27
2,4-Dimethylphenol
Concen: 42.317 ng
RT: 9.53 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

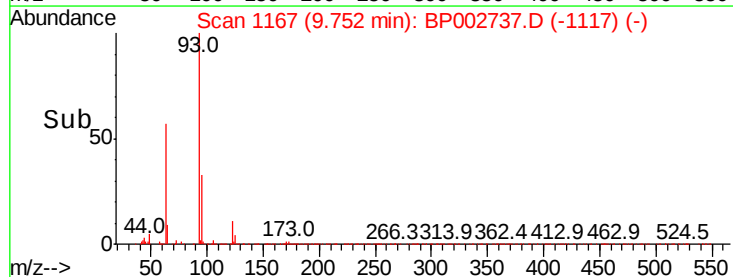
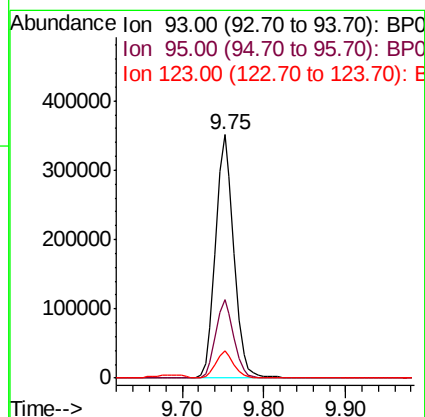
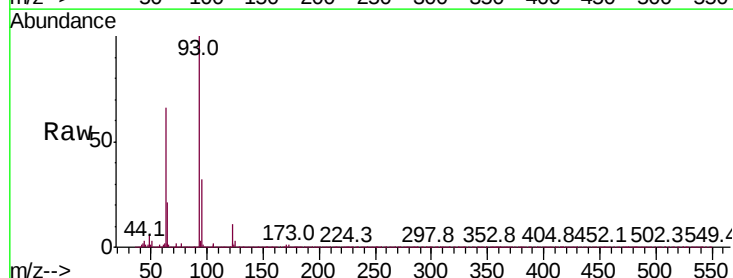
Instrument :
BNA_P
ClientSampleId :
PB129999BS

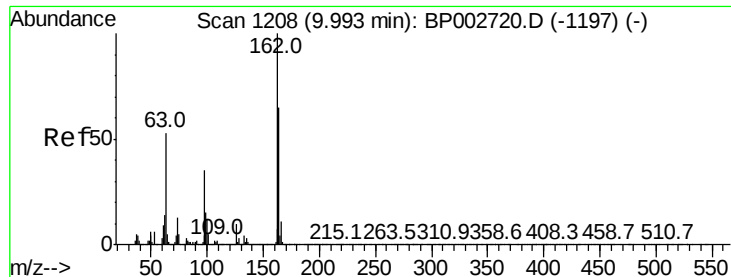
Tot Ion	Ratio	Lower	Upper
122	100		
107	112.7	92.2	138.4
121	57.6	45.8	68.6



#28
bis(2-Chloroethoxy)methane
Concen: 38.719 ng
RT: 9.75 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.8	38.6
123	11.1	8.9	13.3





#29

2,4-Dichlorophenol

Concen: 40.421 ng

RT: 9.99 min Scan# 1208

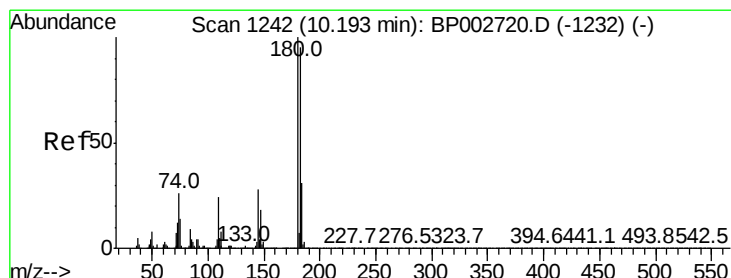
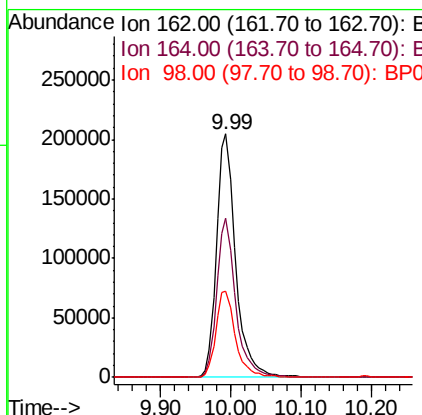
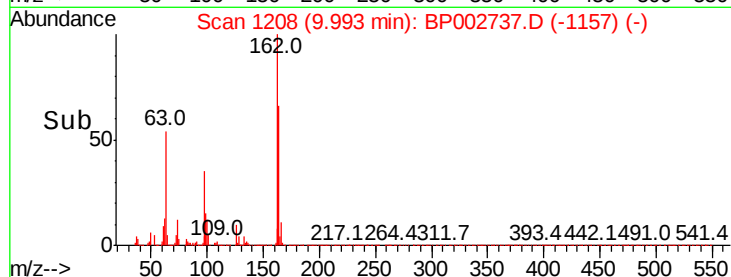
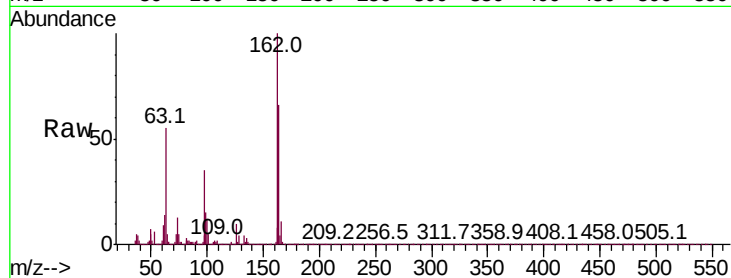
Delta R.T. 0.00 min

Lab File: BP002737.D

Acq: 13 Jul 2020 15:47

Instrument :
BNA_P
ClientSampleId :
PB129999BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	44.5	84.5
98	35.3	15.2	55.2



#30

1,2,4-Trichlorobenzene

Concen: 37.748 ng

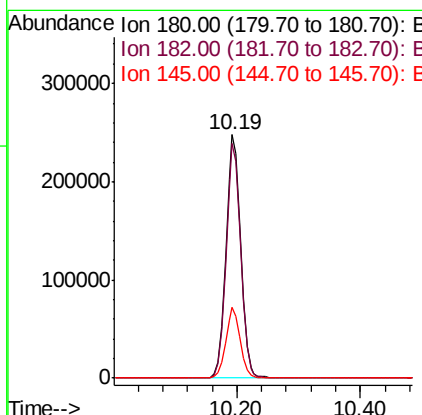
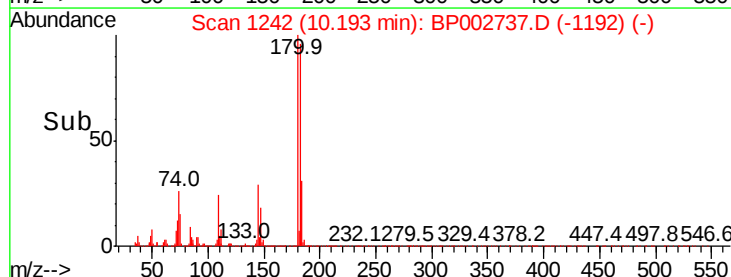
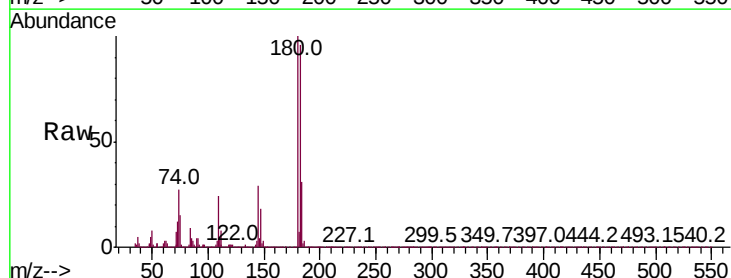
RT: 10.19 min Scan# 1242

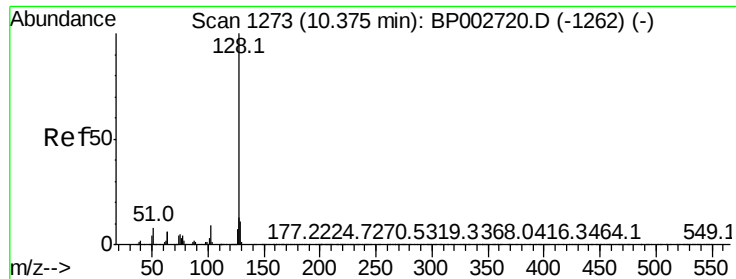
Delta R.T. -0.01 min

Lab File: BP002737.D

Acq: 13 Jul 2020 15:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	75.8	113.6
145	29.3	22.6	34.0

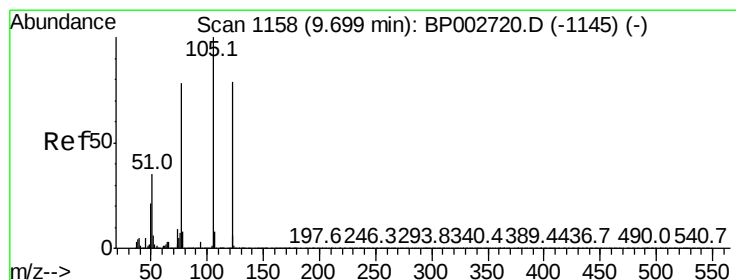
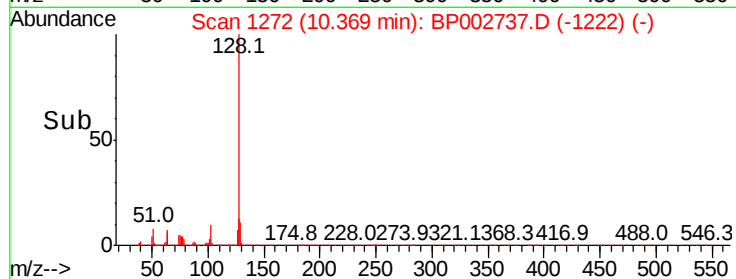
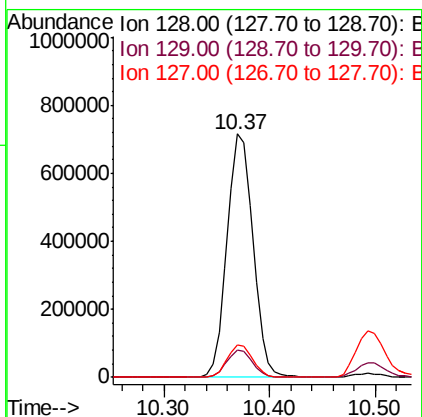
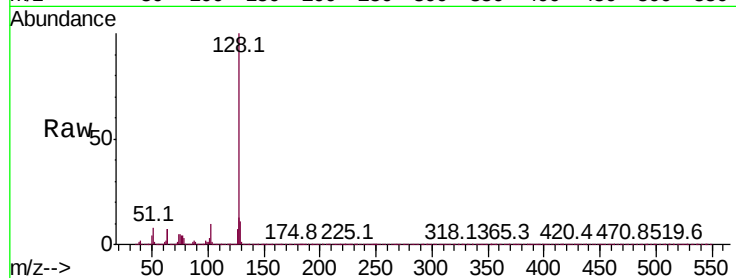




#31
Naphthalene
Concen: 37.716 ng
RT: 10.37 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

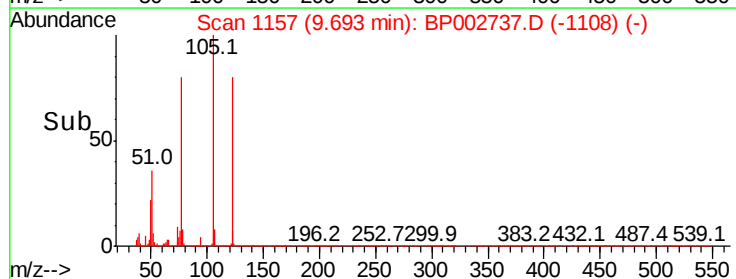
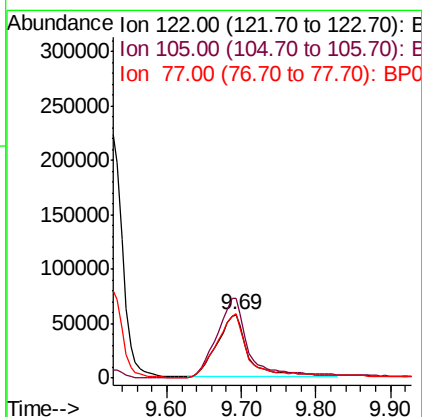
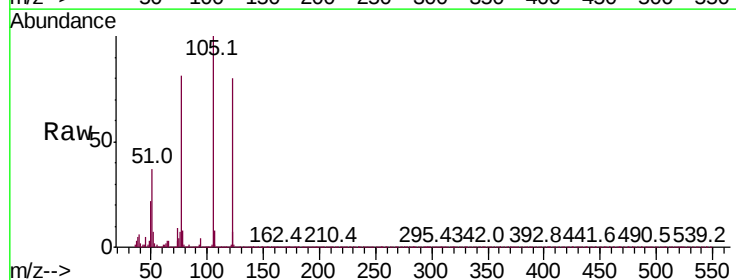
Instrument :
BNA_P
ClientSampleId :
PB129999BS

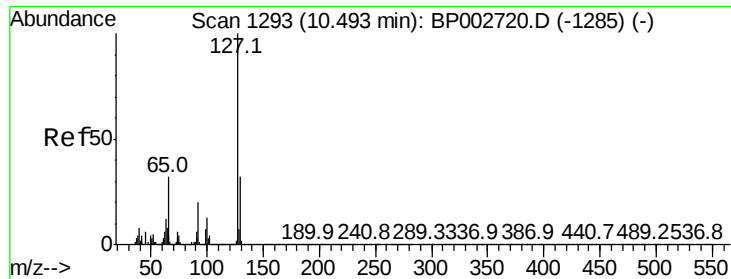
Tot Ion:128 Resp: 1215029
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.3 10.6 15.8



#32
Benzoic acid
Concen: 28.555 ng
RT: 9.69 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

Tgt Ion:122 Resp: 168924
Ion Ratio Lower Upper
122 100
105 125.3 105.4 145.4
77 100.9 78.5 118.5

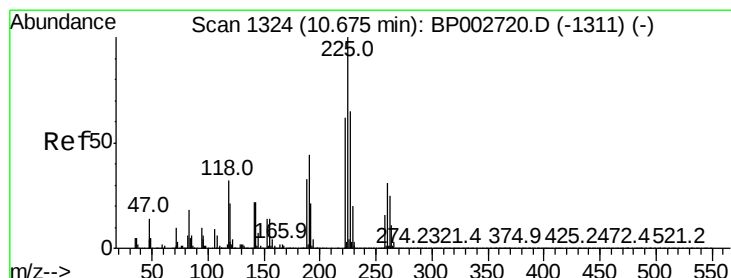
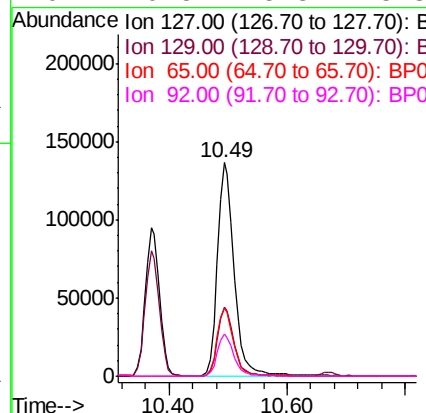
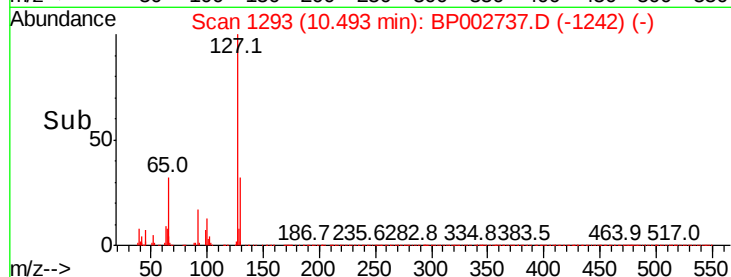
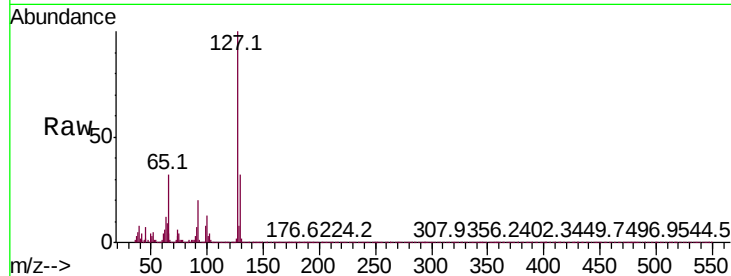




#33
4-Chloroaniline
Concen: 19.440 ng
RT: 10.49 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

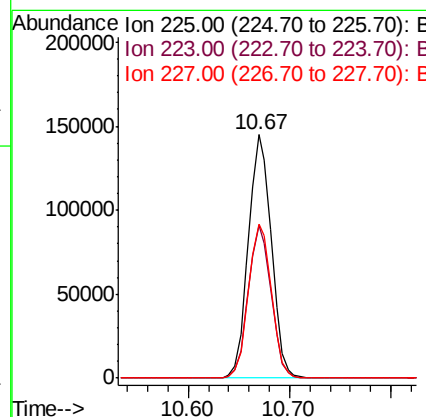
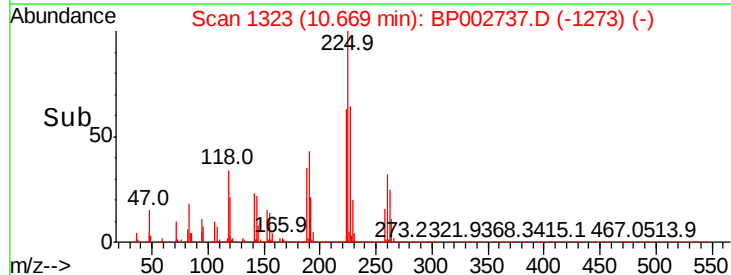
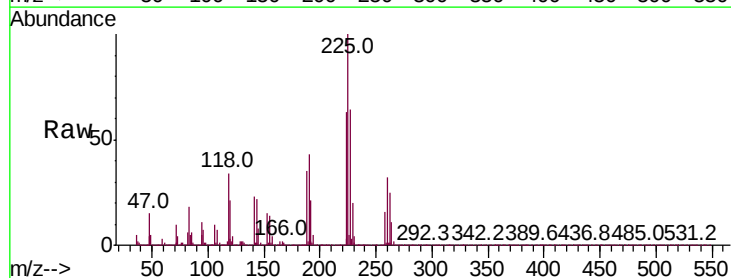
Instrument :
BNA_P
ClientSampleId :
PB129999BS

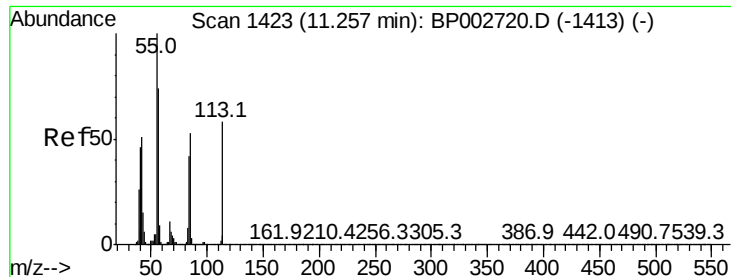
Tot Ion:	127	Resp:	268358
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.3	37.9
65	32.1	25.4	38.2
92	19.8	15.8	23.8



#34
Hexachlorobutadiene
Concen: 36.053 ng
RT: 10.67 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

Tgt Ion:	225	Resp:	227996
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.9	74.9
227	63.5	51.8	77.6

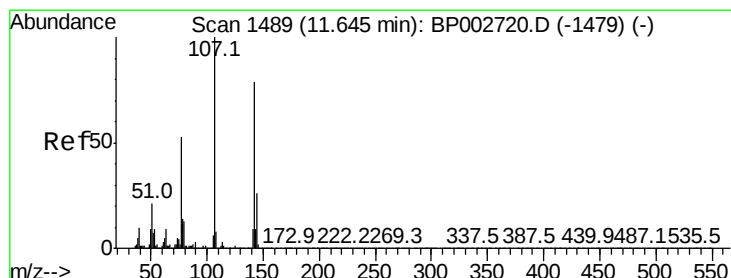
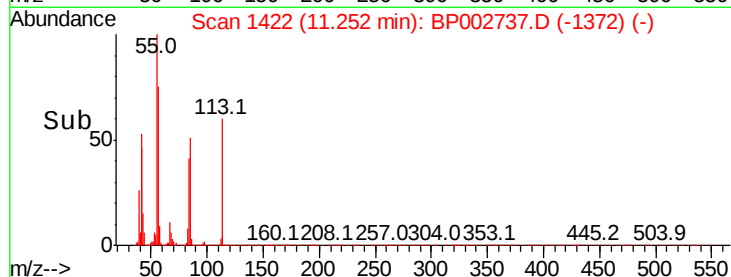
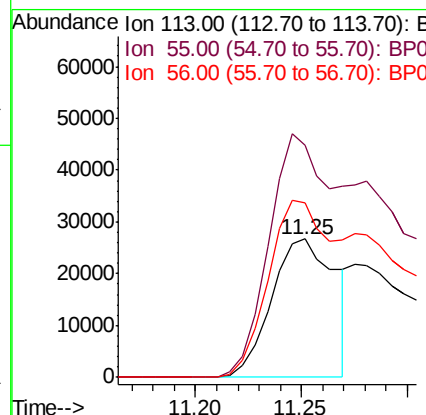
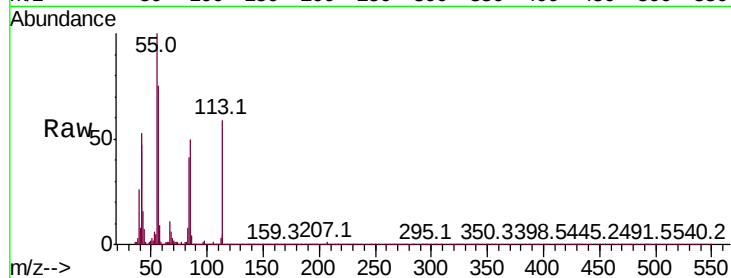




#35
 Caprolactam
 Concen: 16.809 ng
 RT: 11.25 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BP002737.D
 Acq: 13 Jul 2020 15:47

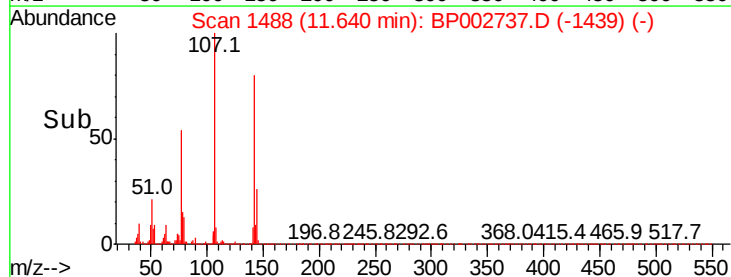
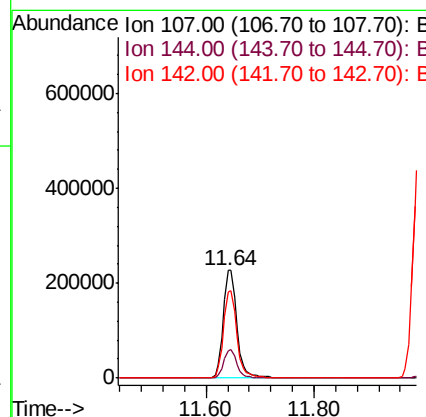
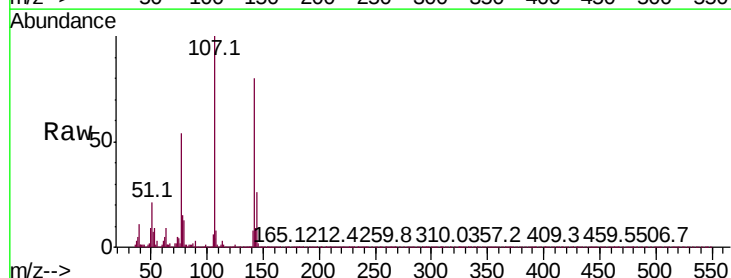
Instrument :
 BNA_P
 ClientSampleId :
 PB129999BS

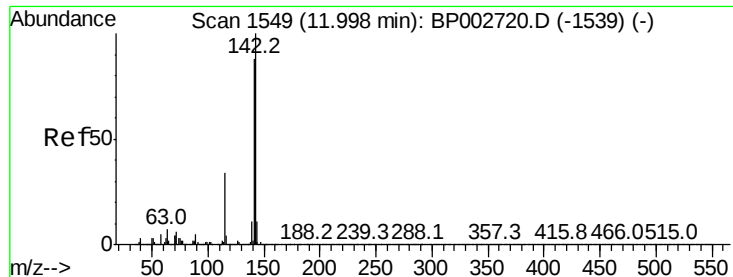
Tot Ion:113 Resp: 56141
 Ion Ratio Lower Upper
 113 100
 55 168.1 152.8 192.8
 56 126.5 107.5 147.5



#36
 4-Chloro-3-methylphenol
 Concen: 39.728 ng
 RT: 11.64 min Scan# 1488
 Delta R.T. -0.01 min
 Lab File: BP002737.D
 Acq: 13 Jul 2020 15:47

Tgt Ion:107 Resp: 409056
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.6 30.8
 142 79.6 63.4 95.2

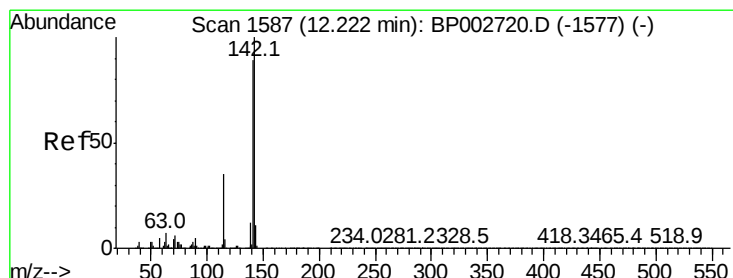
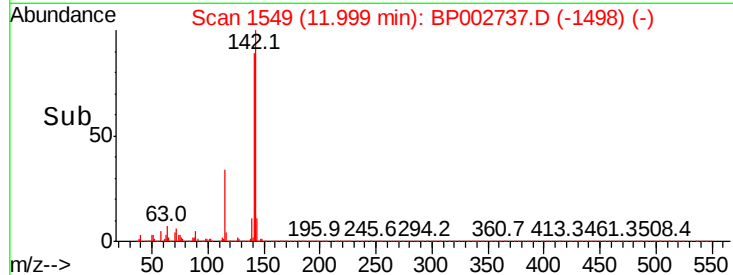
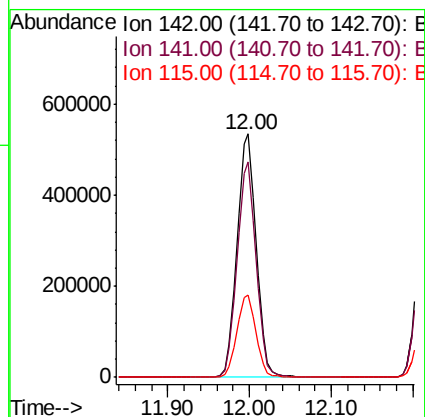
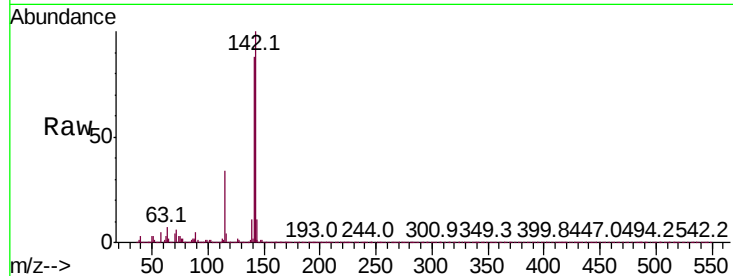




#37
2-Methylnaphthalene
Concen: 38.475 ng
RT: 12.00 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

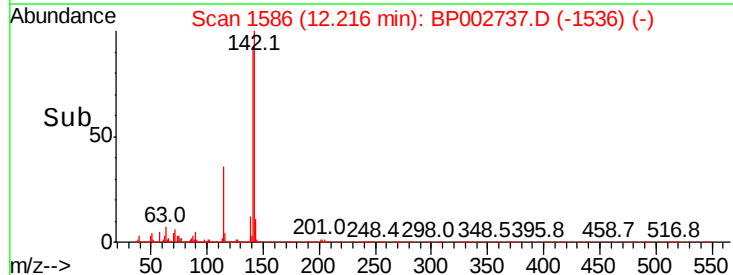
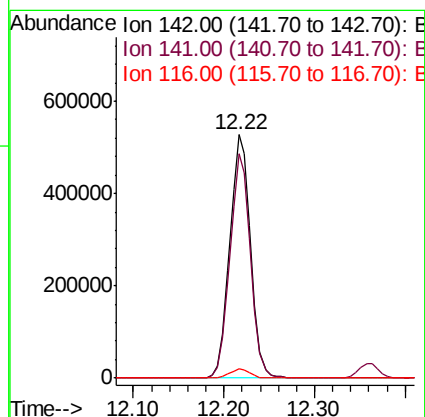
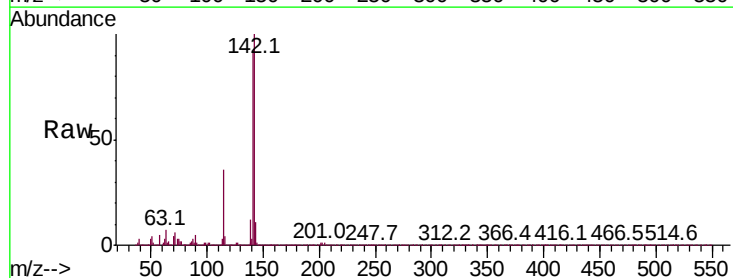
Instrument :
BNA_P
ClientSampleId :
PB129999BS

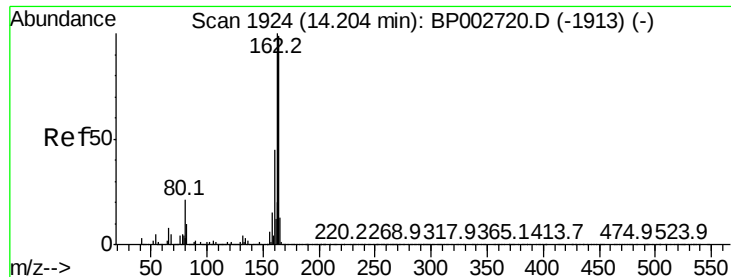
Tot Ion:142 Resp: 874656
Ion Ratio Lower Upper
142 100
141 88.4 70.4 105.6
115 34.0 27.0 40.6



#38
1-Methylnaphthalene
Concen: 38.671 ng
RT: 12.22 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

Tgt Ion:142 Resp: 831486
Ion Ratio Lower Upper
142 100
141 92.1 71.5 107.3
116 3.8 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.20 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BP002737.D

Acq: 13 Jul 2020 15:47

Instrument :

BNA_P

ClientSampleId :

PB129999BS

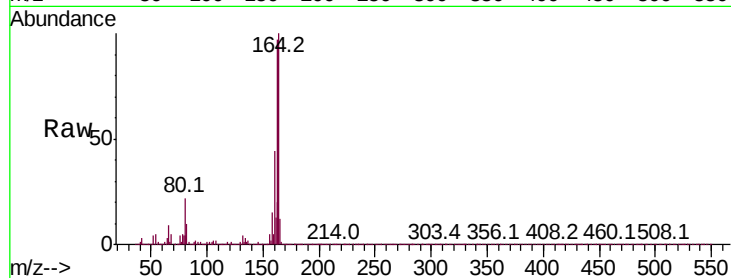
Tot Ion:164 Resp: 371260

Ion Ratio Lower Upper

164 100

162 97.4 80.6 121.0

160 44.3 36.4 54.6

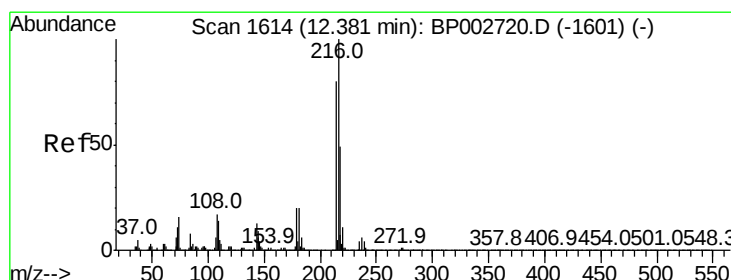
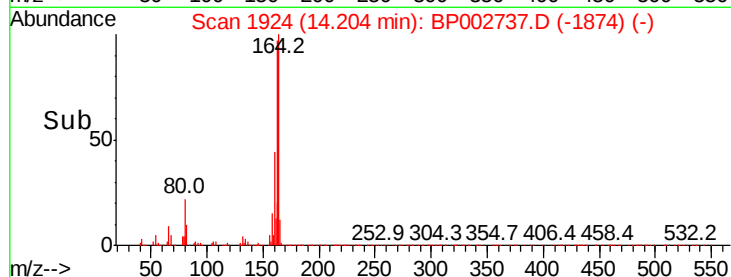
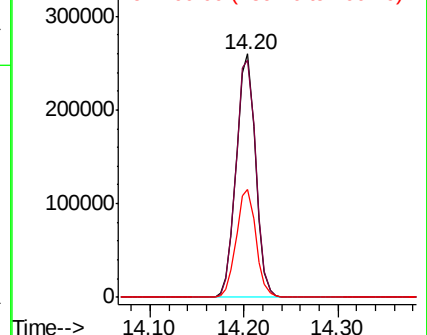


Abundance

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: 37.822 ng

RT: 12.38 min Scan# 1614

Delta R.T. 0.00 min

Lab File: BP002737.D

Acq: 13 Jul 2020 15:47

Tgt Ion:216 Resp: 431540

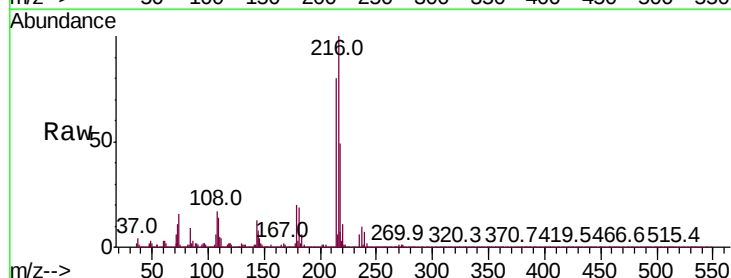
Ion Ratio Lower Upper

216 100

214 78.8 63.4 95.2

179 19.7 16.2 24.2

108 19.9 14.8 22.2



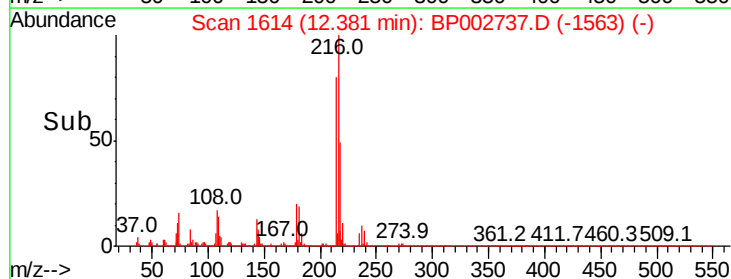
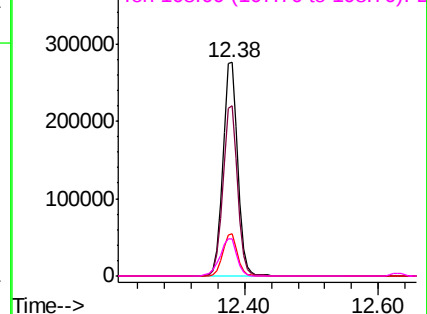
Abundance

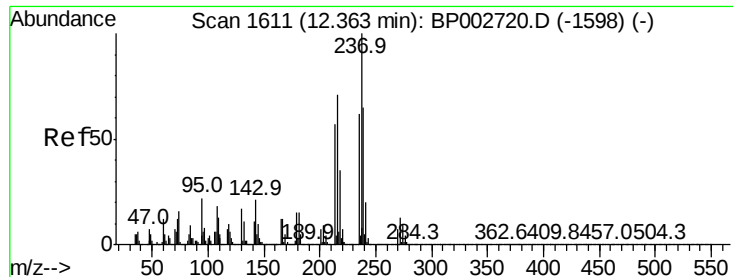
Ion 216.00 (215.70 to 216.70): E

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: 76.662 ng

RT: 12.36 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BP002737.D

Acq: 13 Jul 2020 15:47

Instrument :

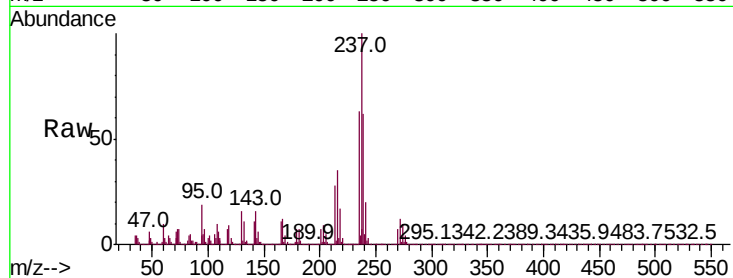
BNA_P

ClientSampleId :

PB129999BS

Tot Ion:237 Resp: 385720

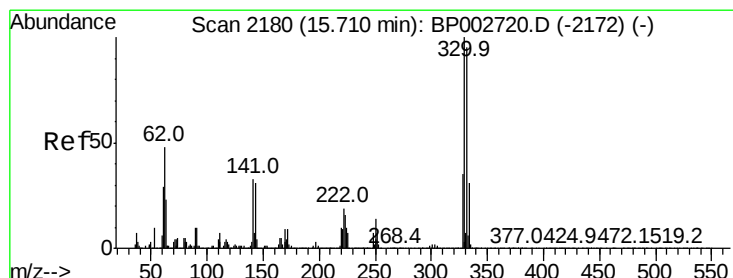
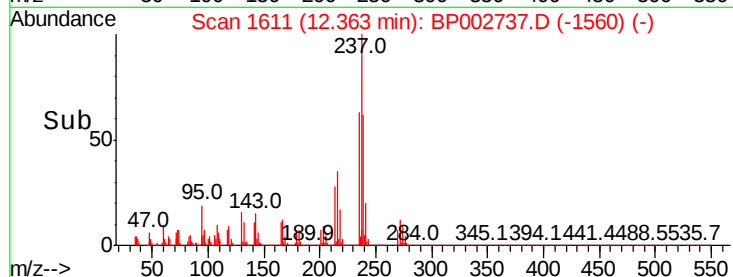
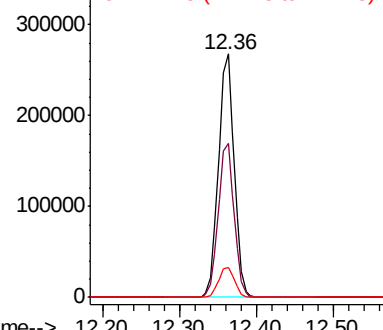
Ion	Ratio	Lower	Upper
237	100		
235	63.2	42.3	82.3
272	12.4	0.0	32.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 112.530 ng

RT: 15.70 min Scan# 2179

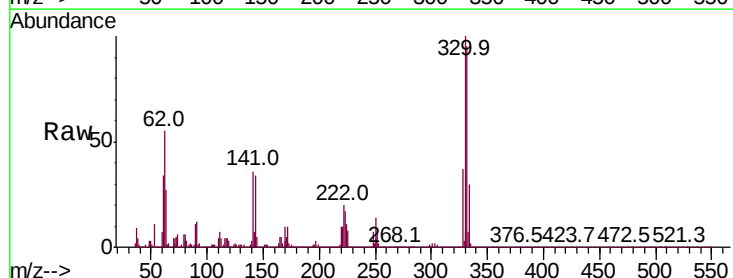
Delta R.T. -0.01 min

Lab File: BP002737.D

Acq: 13 Jul 2020 15:47

Tgt Ion:330 Resp: 436094

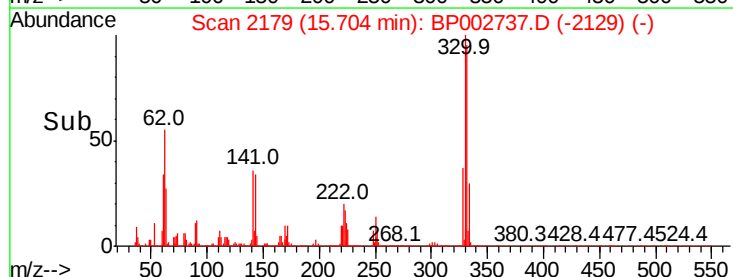
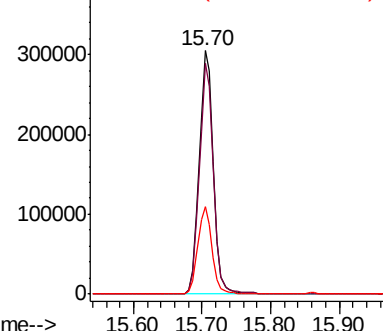
Ion	Ratio	Lower	Upper
330	100		
332	94.0	76.5	114.7
141	36.0	28.8	43.2

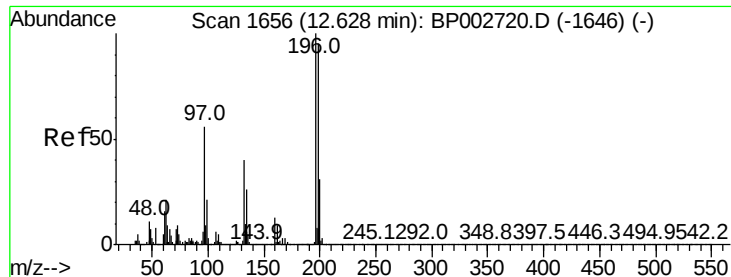


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 39.247 ng

RT: 12.63 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BP002737.D

Acq: 13 Jul 2020 15:47

Instrument :

BNA_P

ClientSampleId :

PB129999BS

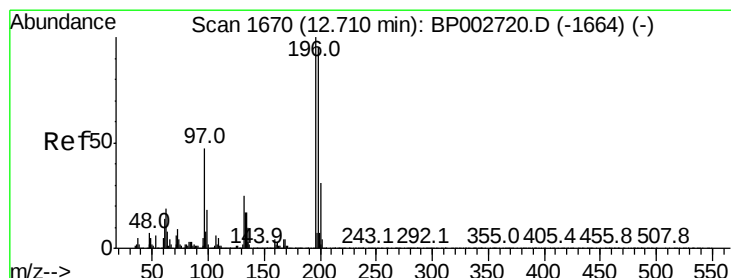
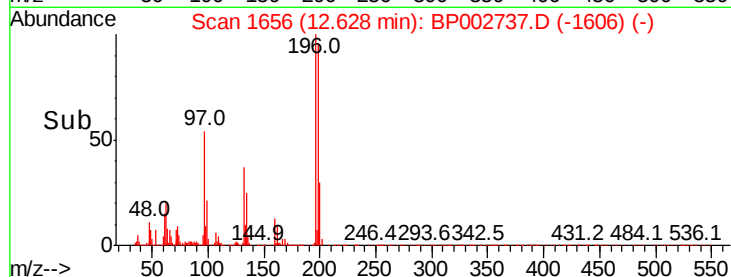
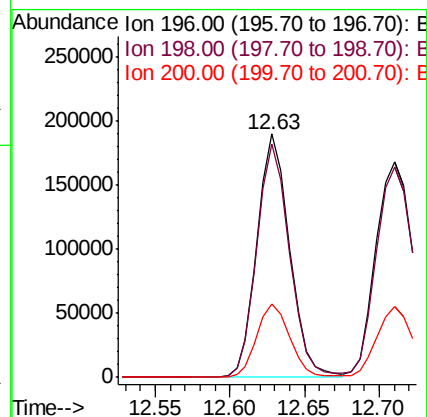
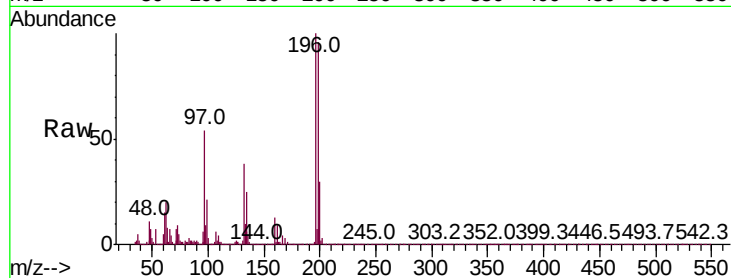
Tot Ion:196 Resp: 286628

Ion Ratio Lower Upper

196 100

198 96.1 75.8 113.6

200 30.4 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 37.195 ng

RT: 12.71 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BP002737.D

Acq: 13 Jul 2020 15:47

Tgt Ion:196 Resp: 315067

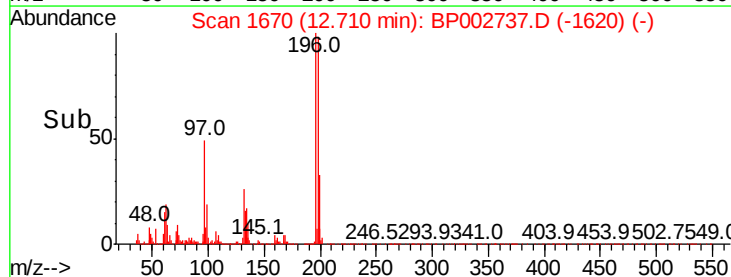
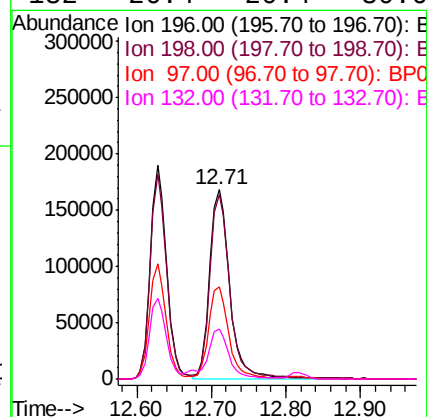
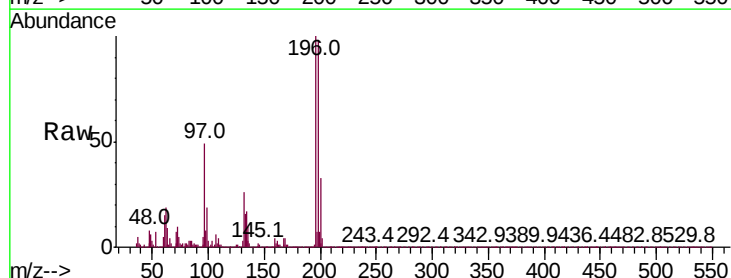
Ion Ratio Lower Upper

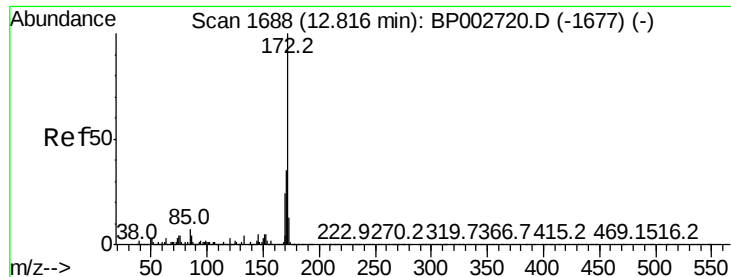
196 100

198 97.6 75.8 113.6

97 48.9 38.0 57.0

132 26.4 20.4 30.6

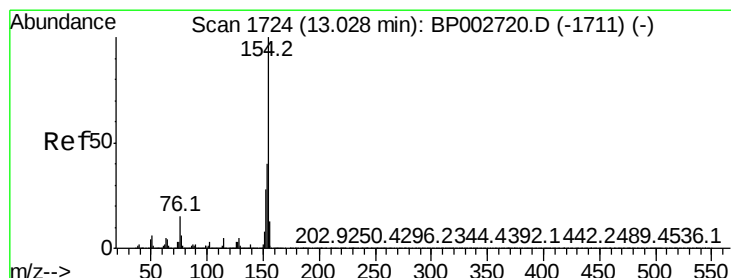
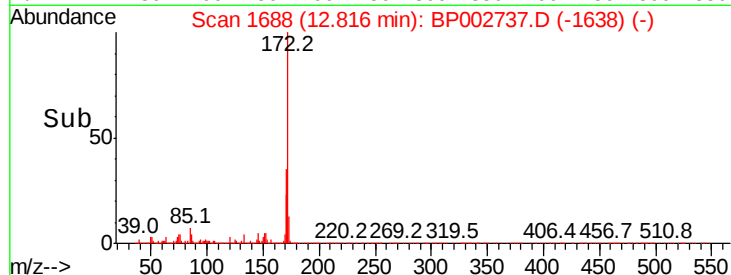
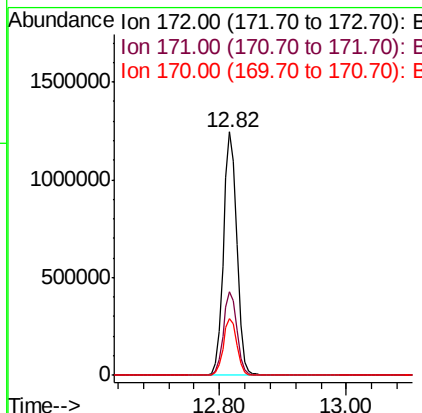
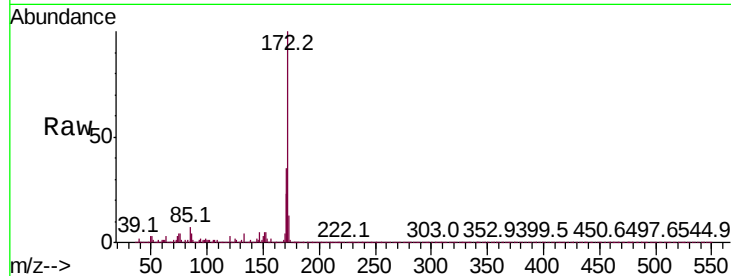




#45
2-Fluorobiphenyl
Concen: 77.435 ng
RT: 12.82 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

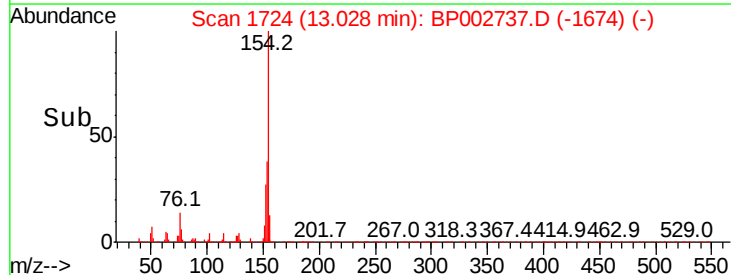
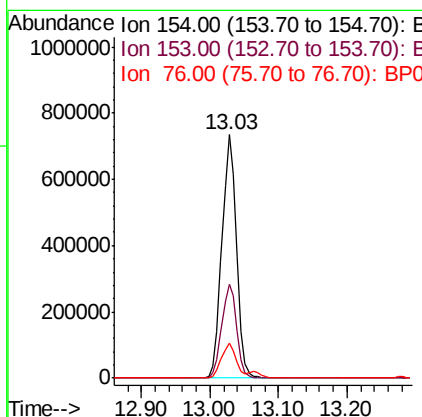
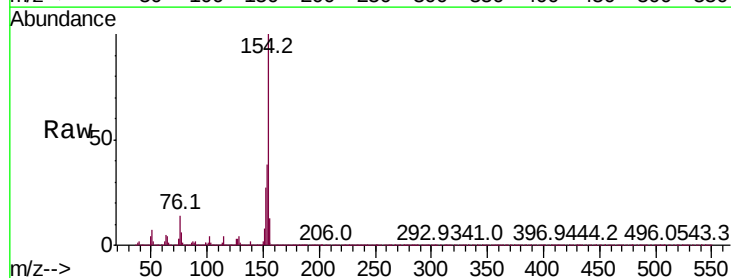
Instrument :
BNA_P
ClientSampleId :
PB129999BS

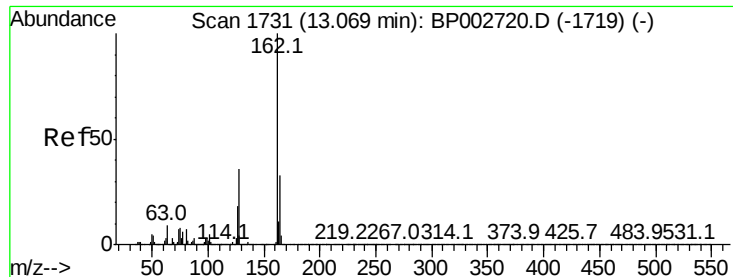
Tot Ion:172 Resp: 1858370
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.4 19.3 28.9



#46
1,1'-Biphenyl
Concen: 39.028 ng
RT: 13.03 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

Tgt Ion:154 Resp: 1080204
Ion Ratio Lower Upper
154 100
153 38.4 19.8 59.8
76 14.3 0.0 34.7

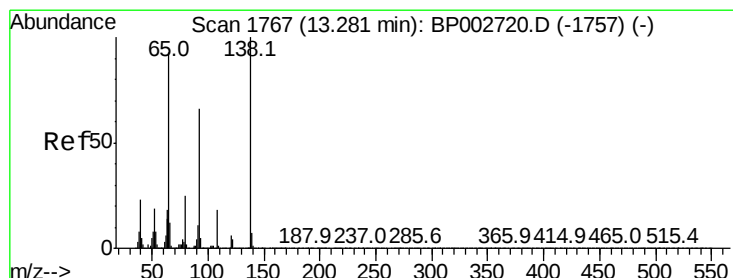
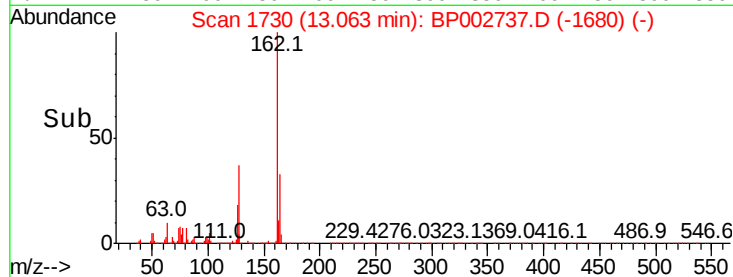
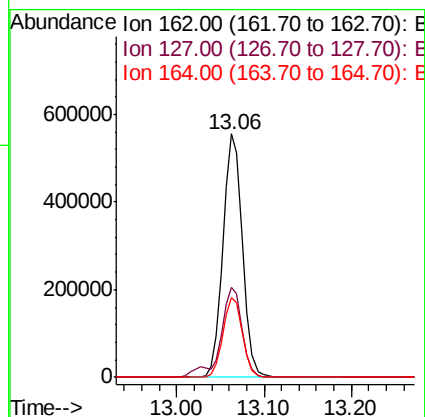
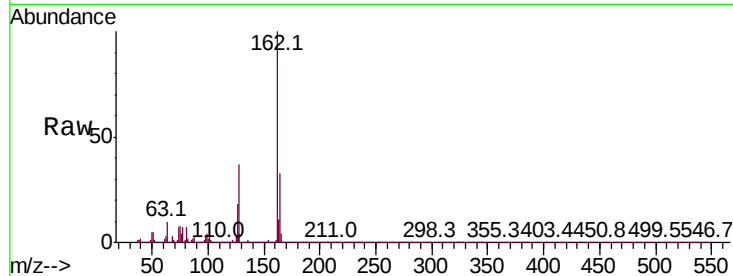




#47
2-Chloronaphthalene
Concen: 38.150 ng
RT: 13.06 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

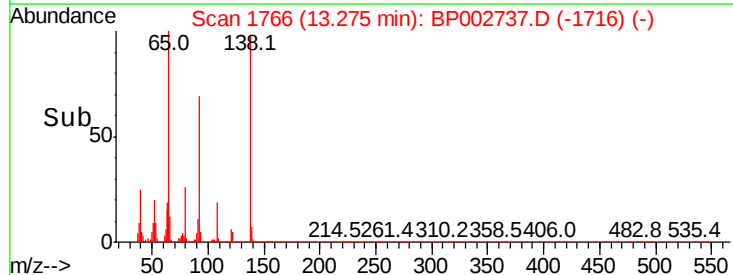
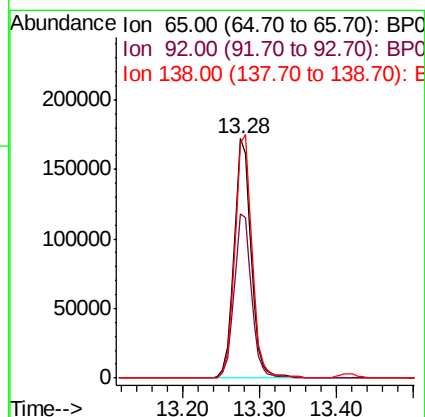
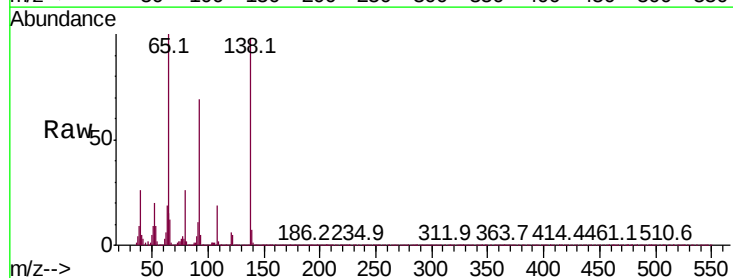
Instrument :
BNA_P
ClientSampleId :
PB129999BS

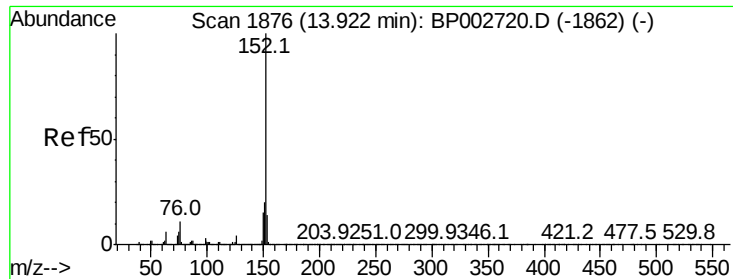
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.9	29.0	43.4
164	32.6	26.8	40.2



#48
2-Nitroaniline
Concen: 38.649 ng
RT: 13.28 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.8	57.0	85.6
138	97.9	86.0	129.0





#49

Acenaphthylene

Concen: 38.404 ng

RT: 13.92 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BP002737.D

Acq: 13 Jul 2020 15:47

Instrument :

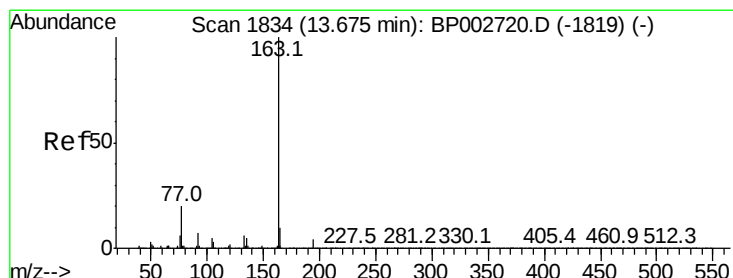
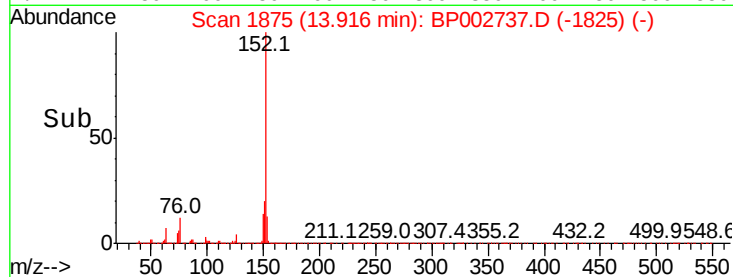
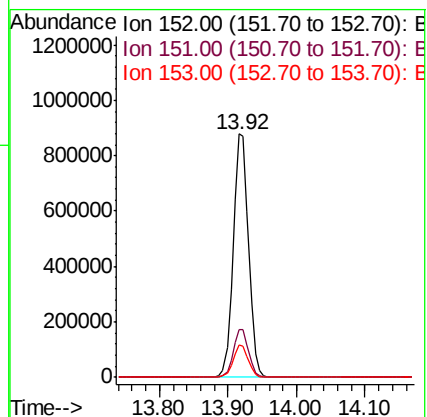
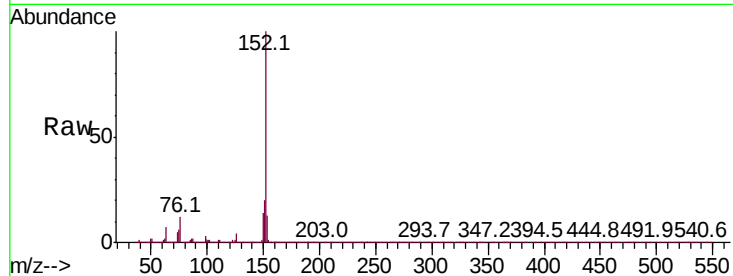
BNA_P

ClientSampleId :

PB129999BS

Tot Ion:152 Resp: 1361009

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.4
153	13.3	10.9	16.3



#50

Dimethylphthalate

Concen: 37.442 ng

RT: 13.67 min Scan# 1833

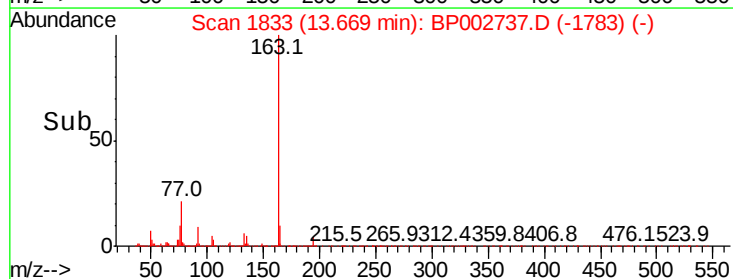
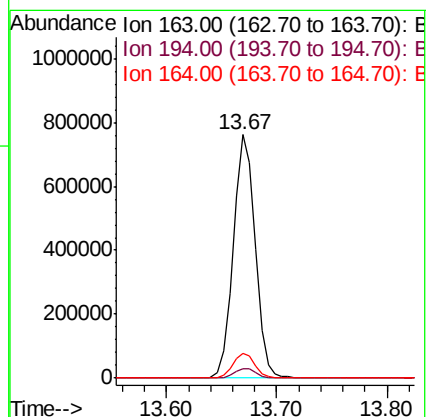
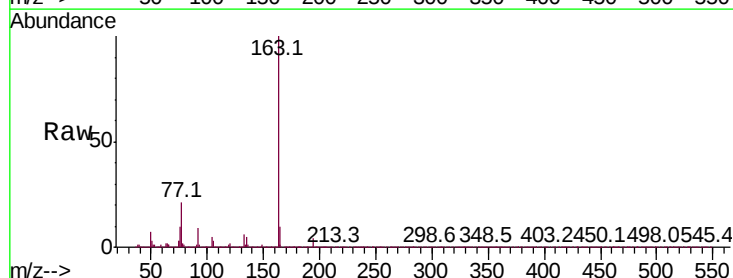
Delta R.T. -0.01 min

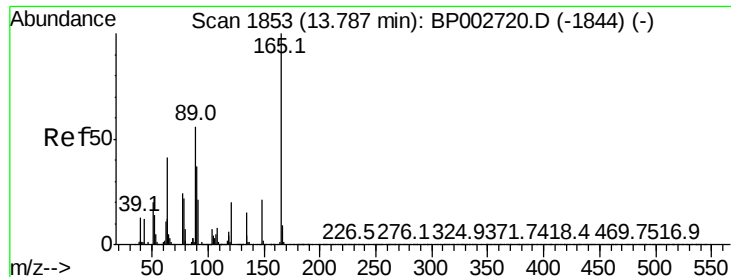
Lab File: BP002737.D

Acq: 13 Jul 2020 15:47

Tgt Ion:163 Resp: 1060123

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.2
164	10.1	7.8	11.8





#51

2,6-Dinitrotoluene

Concen: 38.265 ng

RT: 13.78 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BP002737.D

Acq: 13 Jul 2020 15:47

Instrument :

BNA_P

ClientSampleId :

PB129999BS

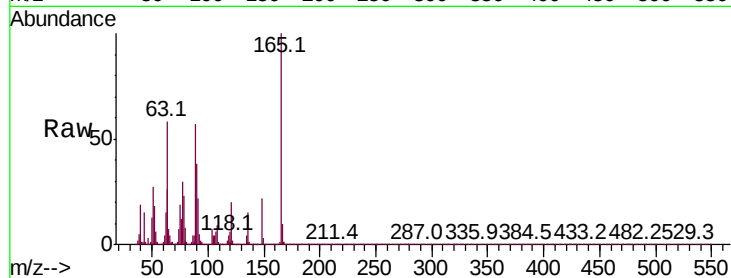
Tot Ion:165 Resp: 231948

Ion Ratio Lower Upper

165 100

63 58.0 43.2 64.8

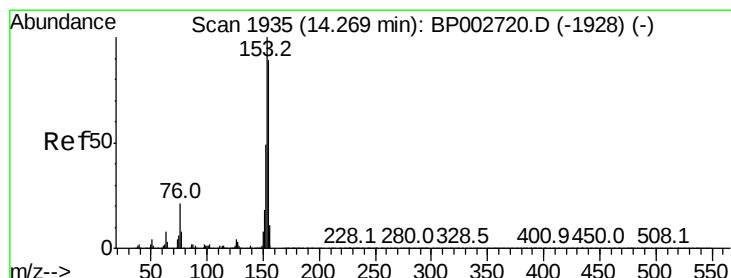
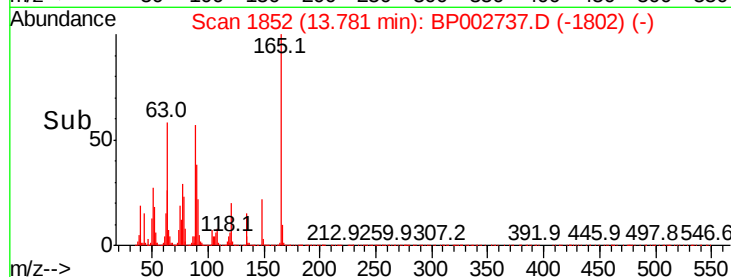
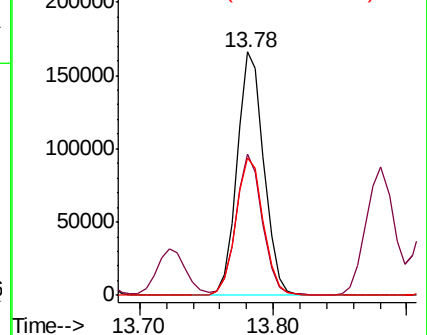
89 56.6 44.6 67.0



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: 38.097 ng

RT: 14.27 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BP002737.D

Acq: 13 Jul 2020 15:47

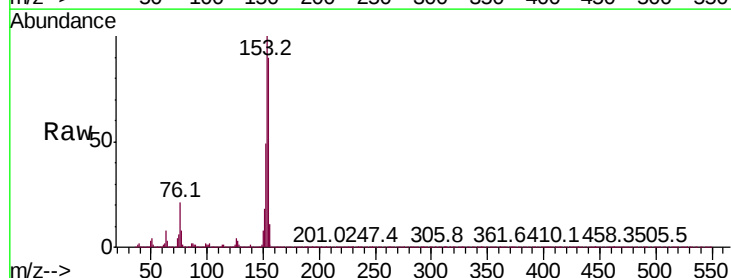
Tgt Ion:154 Resp: 806887

Ion Ratio Lower Upper

154 100

153 111.0 90.1 135.1

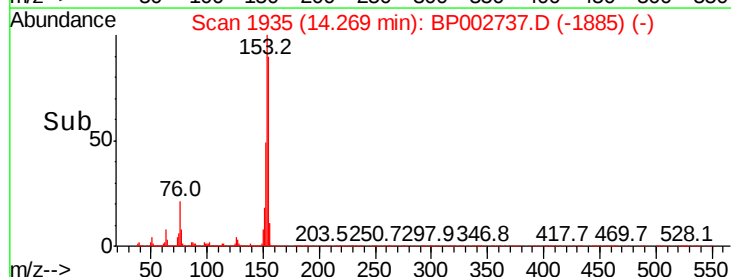
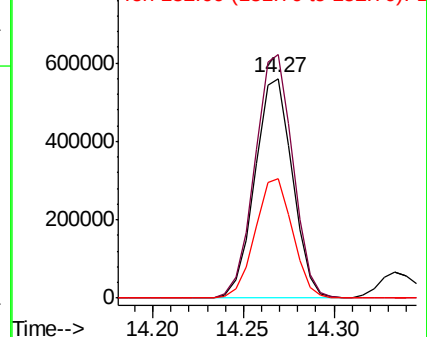
152 54.2 43.8 65.6

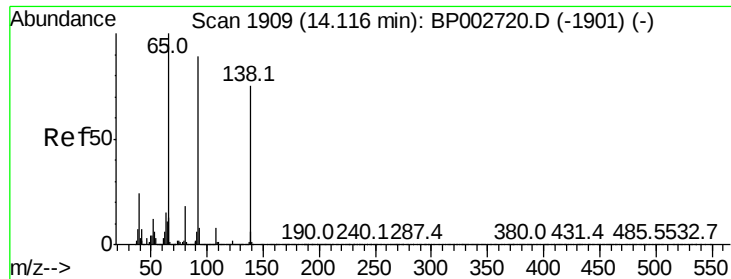


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

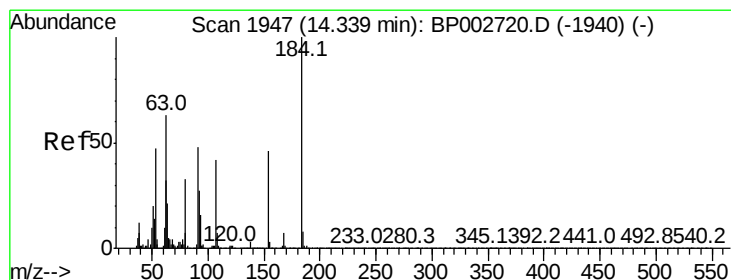
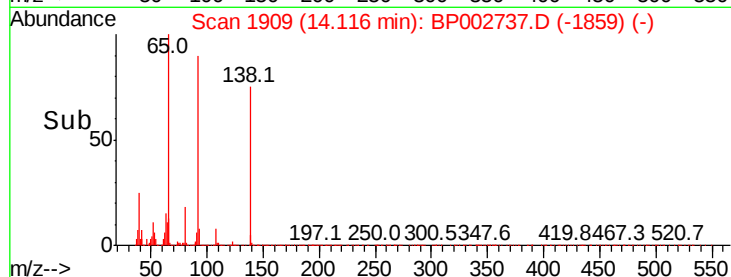
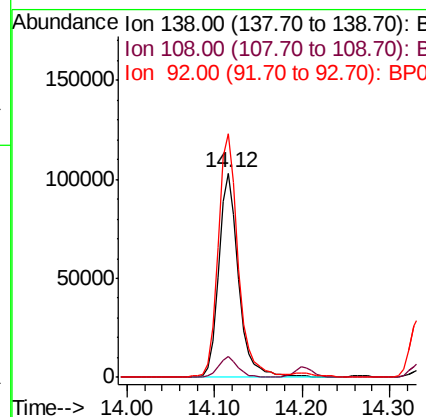
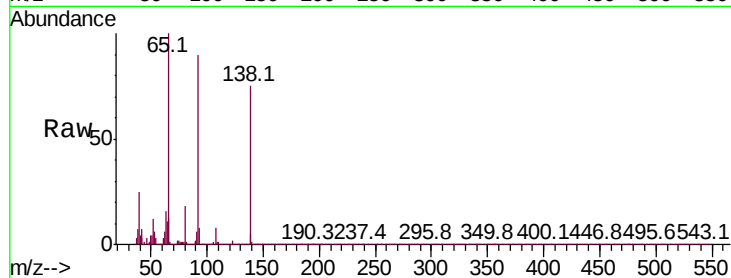




#53
3-Nitroaniline
Concen: 23.957 ng
RT: 14.12 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

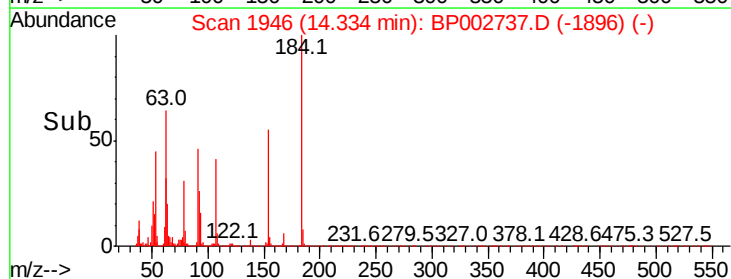
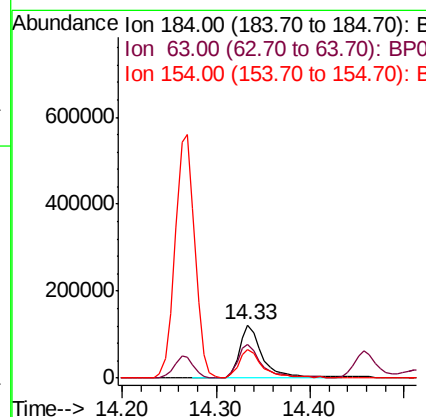
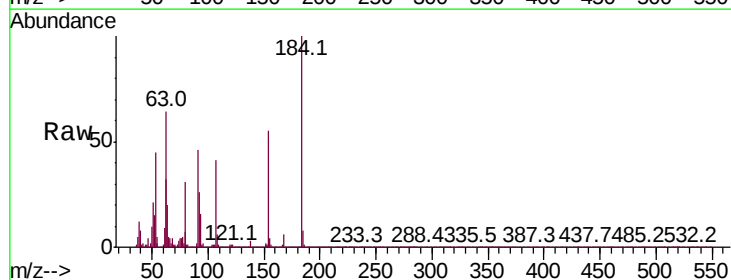
Instrument :
BNA_P
ClientSampleId :
PB129999BS

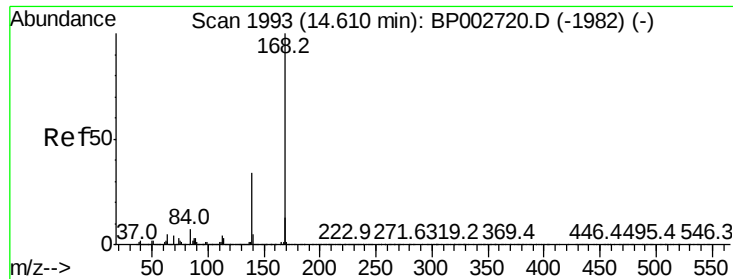
Tot Ion:138 Resp: 162473
Ion Ratio Lower Upper
138 100
108 10.3 8.2 12.2
92 119.3 94.3 141.5



#54
2,4-Dinitrophenol
Concen: 63.693 ng
RT: 14.33 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

Tgt Ion:184 Resp: 206228
Ion Ratio Lower Upper
184 100
63 63.9 51.6 77.4
154 54.7 45.0 67.6





#55

Dibenzofuran

Concen: 37.909 ng

RT: 14.60 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BP002737.D

Acq: 13 Jul 2020 15:47

Instrument :

BNA_P

ClientSampleId :

PB129999BS

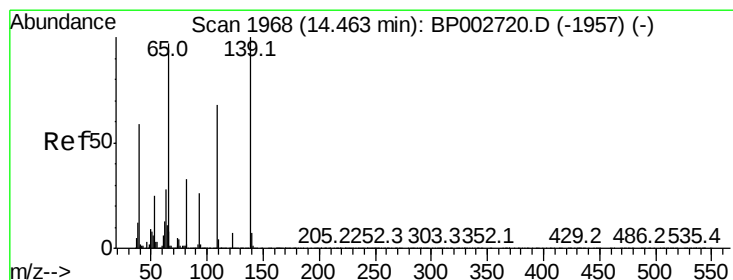
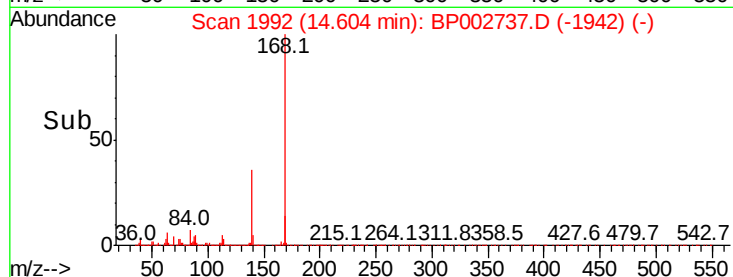
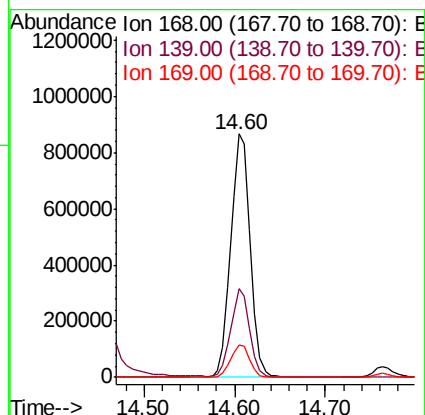
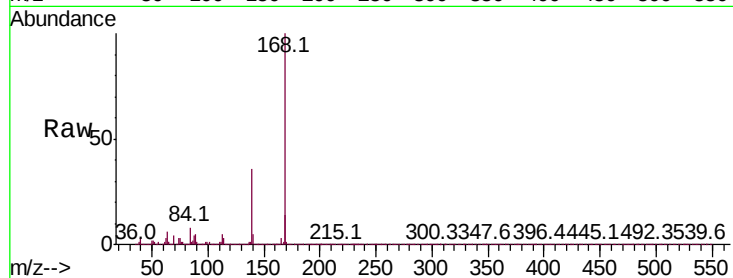
Tot Ion:168 Resp: 1287716

Ion	Ratio	Lower	Upper
168	100		
139	36.2	27.1	40.7
169	13.5	10.8	16.2

168 100

139 36.2 27.1 40.7

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 68.050 ng

RT: 14.46 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BP002737.D

Acq: 13 Jul 2020 15:47

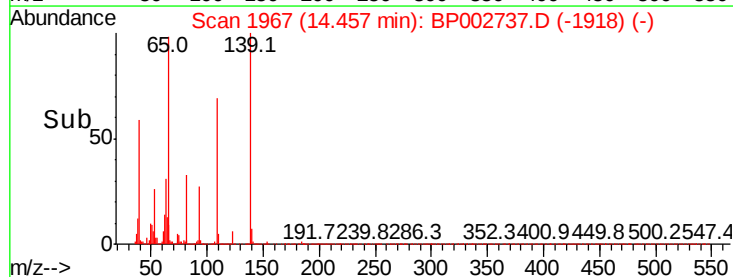
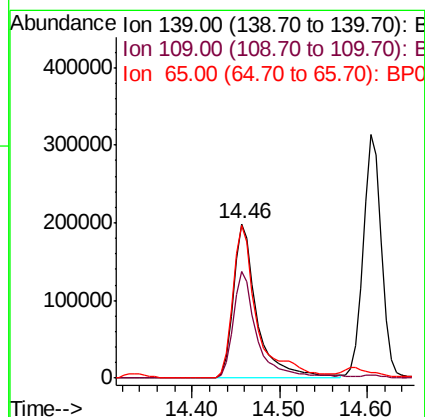
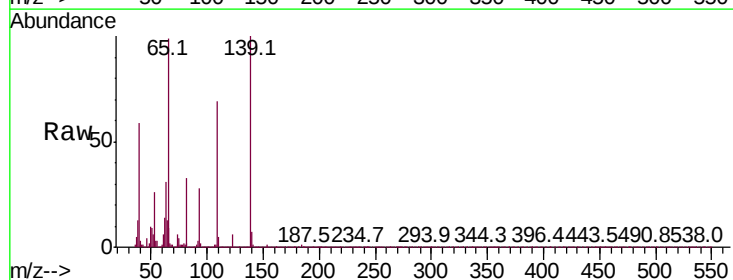
Tgt Ion:139 Resp: 365519

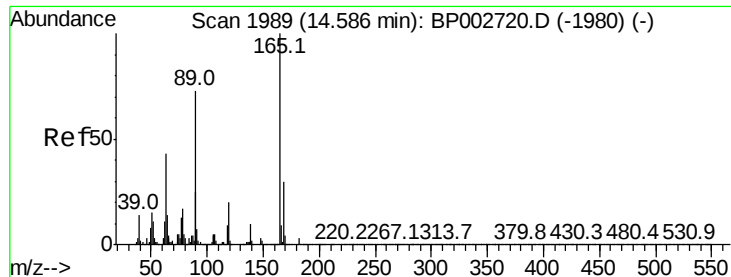
Ion	Ratio	Lower	Upper
139	100		
109	68.9	48.1	88.1
65	98.7	77.9	117.9

139 100

109 68.9 48.1 88.1

65 98.7 77.9 117.9

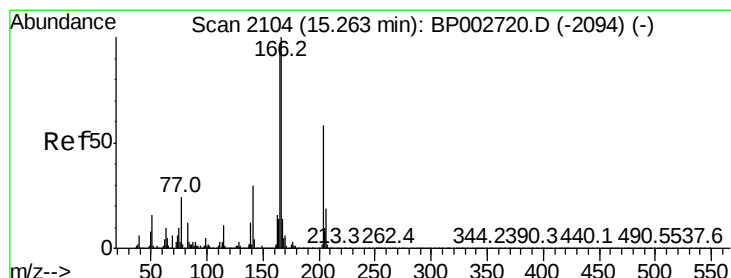
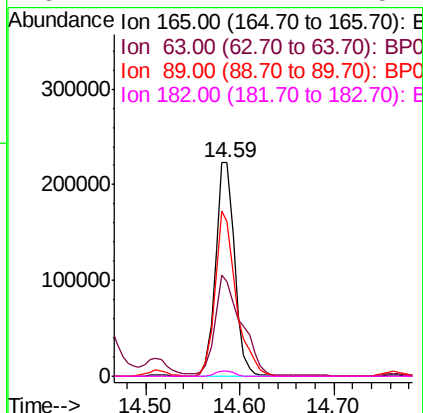
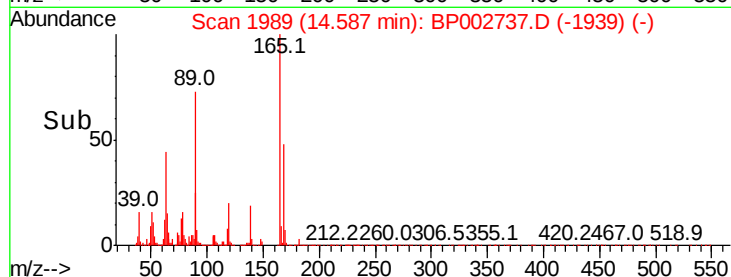
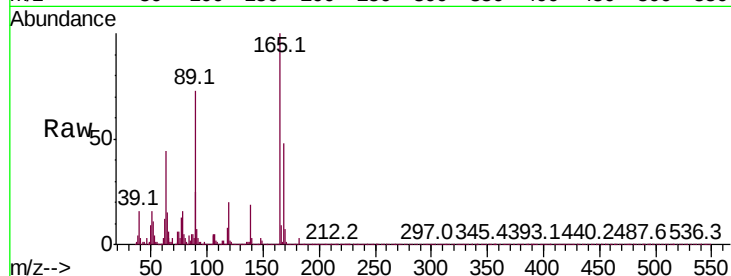




#57
2,4-Dinitrotoluene
Concen: 39.623 ng
RT: 14.59 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

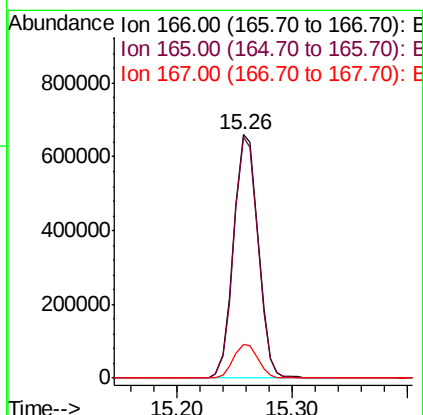
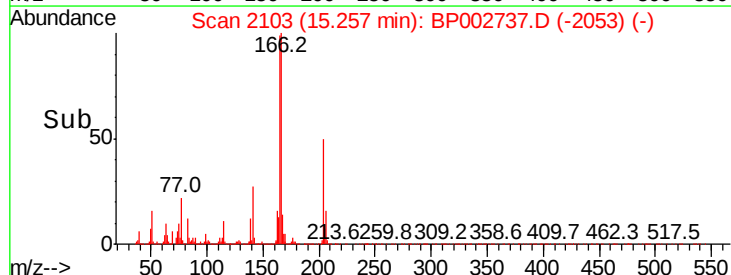
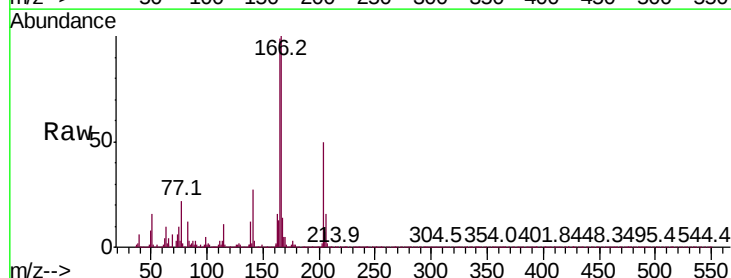
Instrument :
BNA_P
ClientSampleId :
PB129999BS

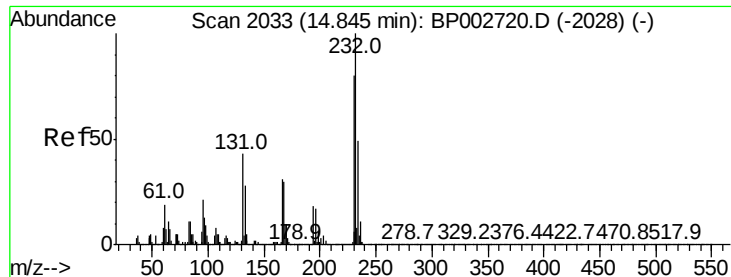
Tot Ion:165 Resp: 316311
Ion Ratio Lower Upper
165 100
63 44.4 35.1 52.7
89 72.6 58.4 87.6
182 2.7 2.2 3.2



#58
Fluorene
Concen: 38.924 ng
RT: 15.26 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

Tgt Ion:166 Resp: 978366
Ion Ratio Lower Upper
166 100
165 99.1 77.7 116.5
167 13.9 11.0 16.6

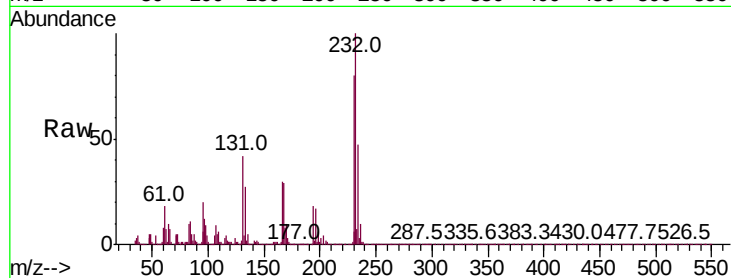




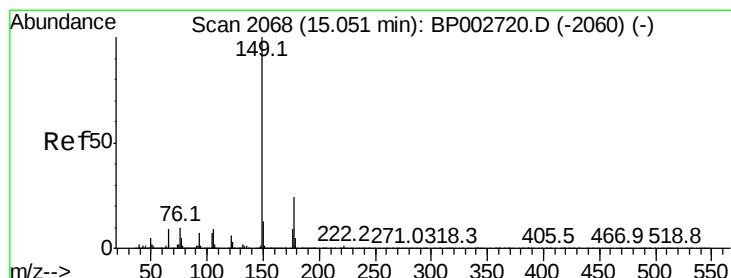
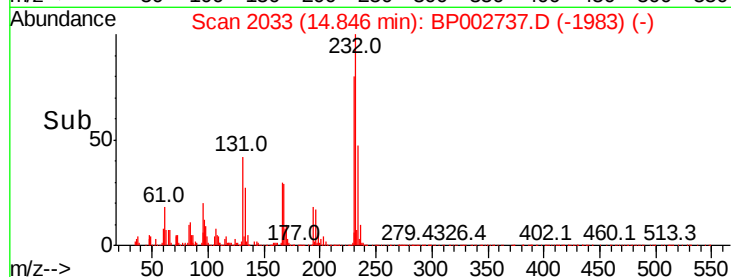
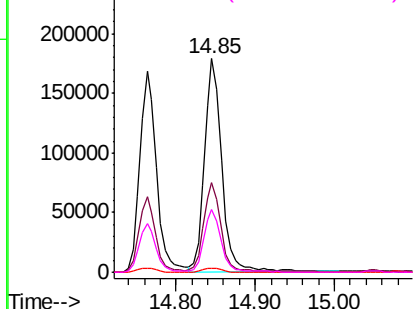
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.749 ng
RT: 14.85 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

Instrument :
BNA_P
ClientSampleId :
PB129999BS

Tot Ion:232 Resp: 272081
Ion Ratio Lower Upper
232 100
131 41.4 34.3 51.5
130 2.1 1.8 2.6
166 29.2 24.0 36.0

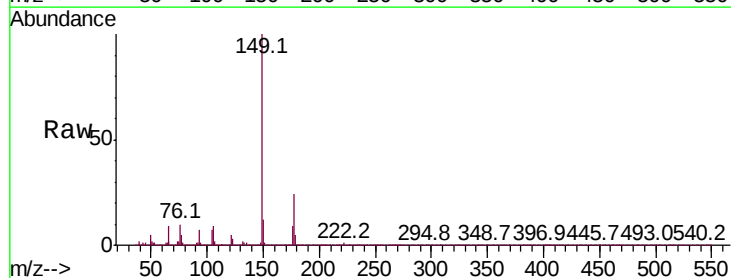


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

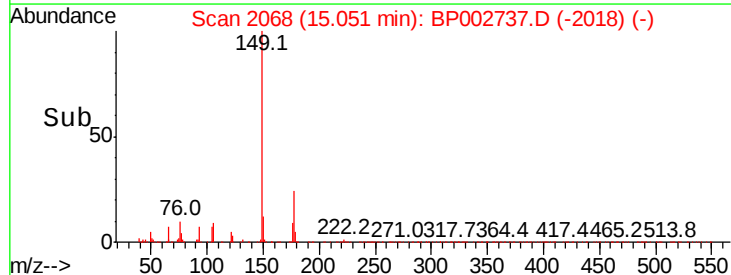
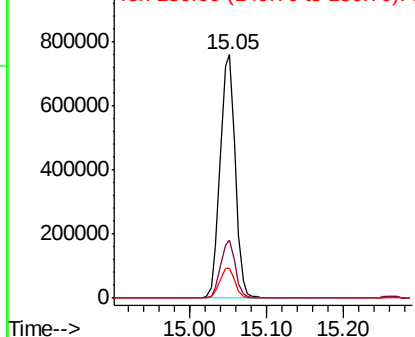


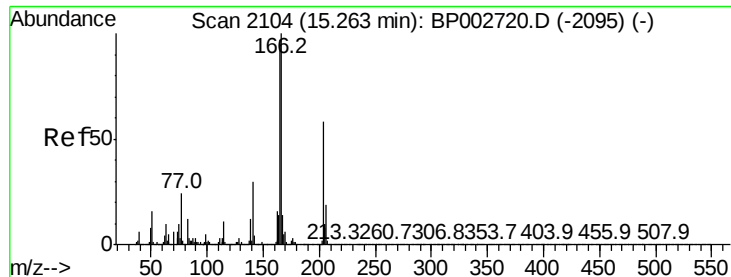
#60
Diethylphthalate
Concen: 37.284 ng
RT: 15.05 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

Tgt Ion:149 Resp: 1023502
Ion Ratio Lower Upper
149 100
177 23.8 18.9 28.3
150 12.1 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

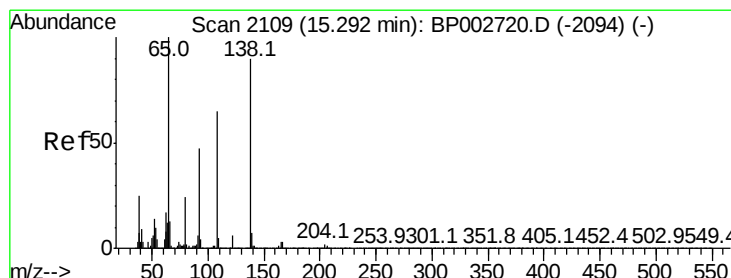
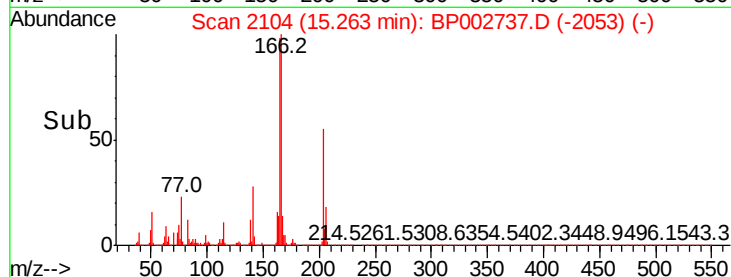
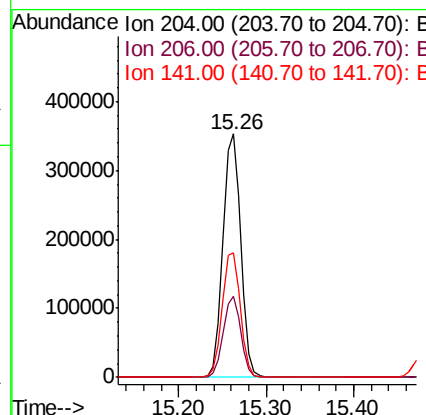
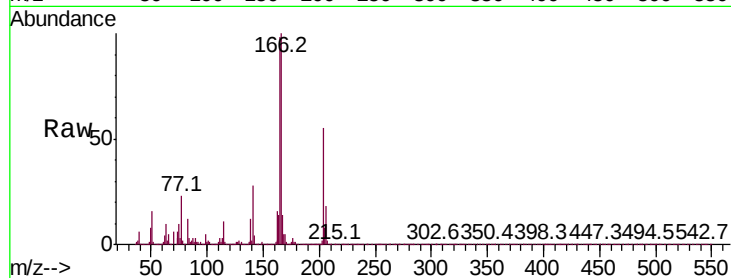




#61
4-Chlorophenyl-phenylether
Concen: 37.488 ng
RT: 15.26 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

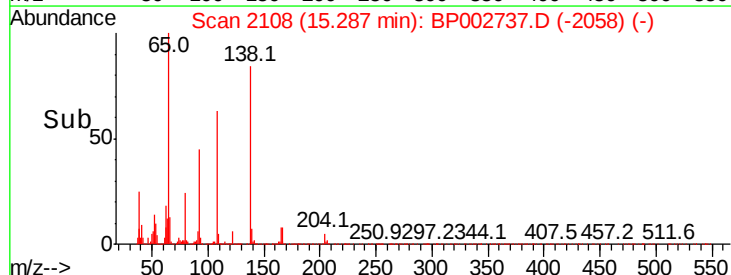
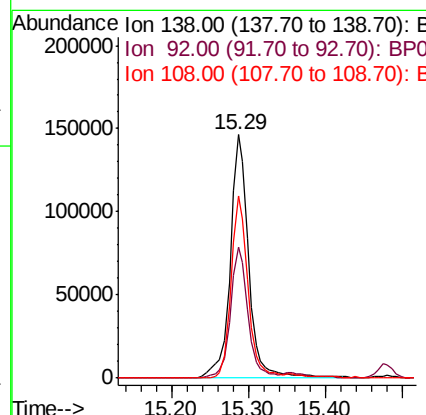
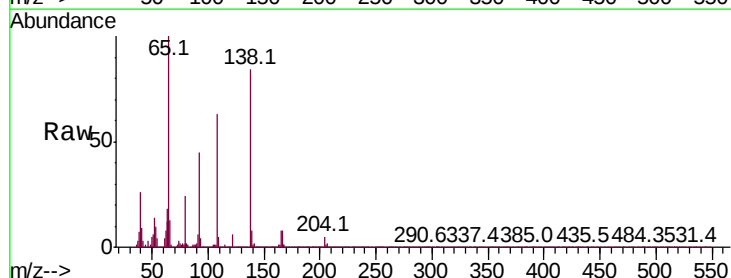
Instrument :
BNA_P
ClientSampleId :
PB129999BS

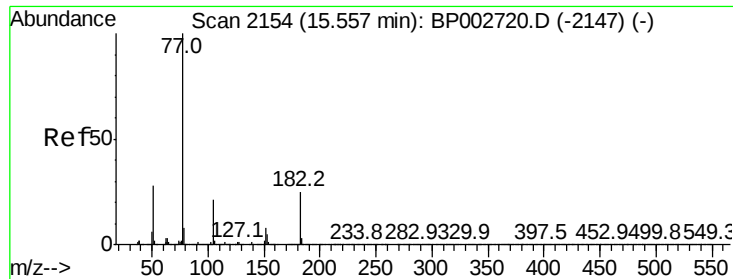
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.1	39.1
141	51.3	41.8	62.8



#62
4-Nitroaniline
Concen: 34.251 ng
RT: 15.29 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.9	32.0	72.0
108	74.9	52.2	92.2

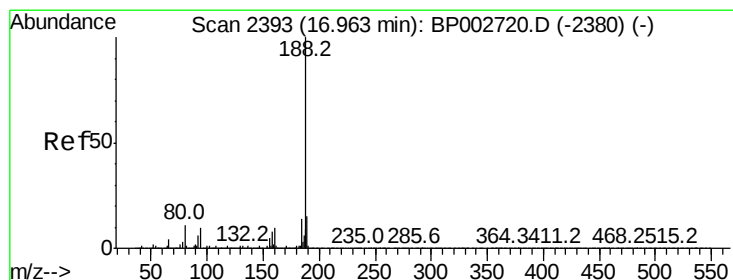
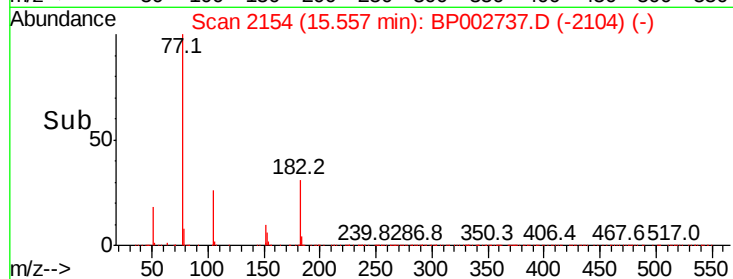
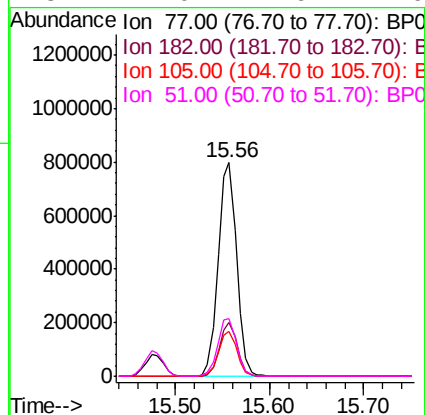
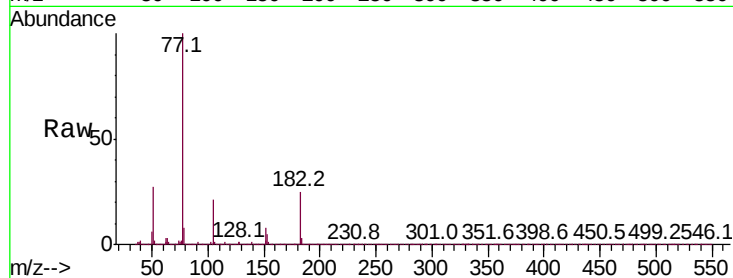




#63
Azobenzene
Concen: 38.806 ng
RT: 15.56 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

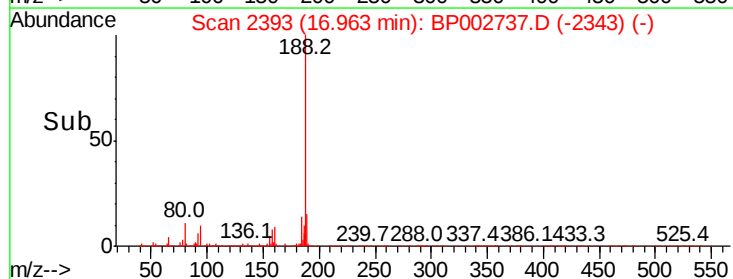
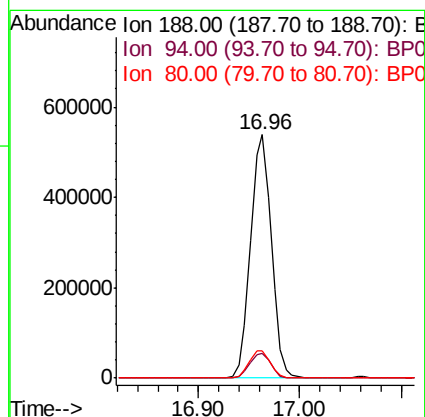
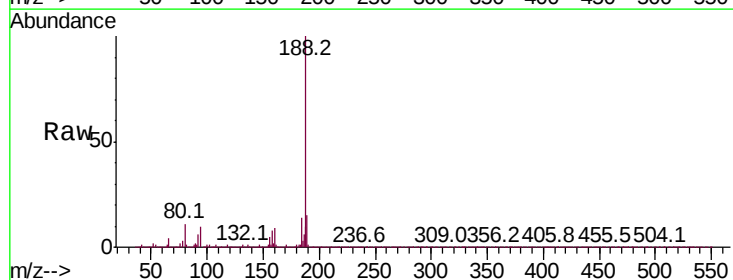
Instrument :
BNA_P
ClientSampleId :
PB129999BS

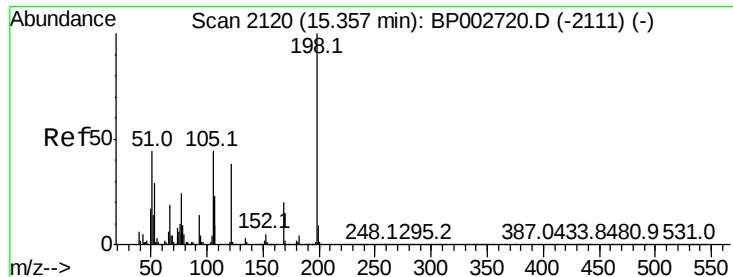
Tot Ion: 77 Resp: 1095349
Ion Ratio Lower Upper
77 100
182 25.2 5.1 45.1
105 21.2 0.8 40.8
51 27.0 7.6 47.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

Tgt Ion: 188 Resp: 769542
Ion Ratio Lower Upper
188 100
94 10.3 8.1 12.1
80 11.0 8.9 13.3





#65

4,6-Dinitro-2-methylphenol

Concen: 36.780 ng

RT: 15.36 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BP002737.D

Acq: 13 Jul 2020 15:47

Instrument :

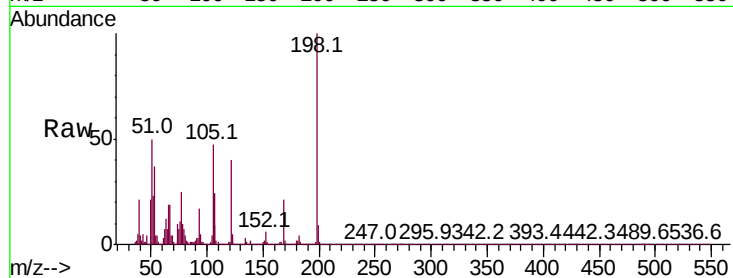
BNA_P

ClientSampleId :

PB129999BS

Tot Ion:198 Resp: 162818

Ion	Ratio	Lower	Upper
198	100		
51	49.5	27.1	67.1
105	47.4	24.9	64.9

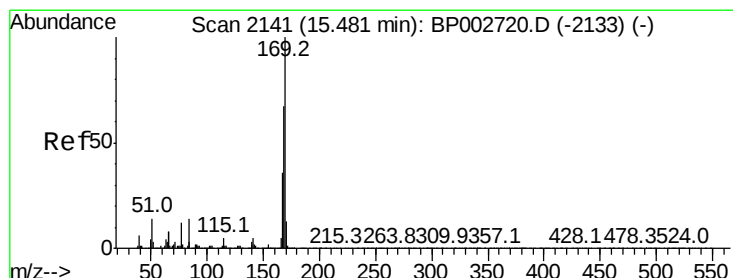
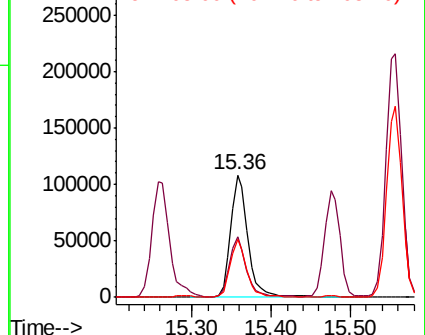
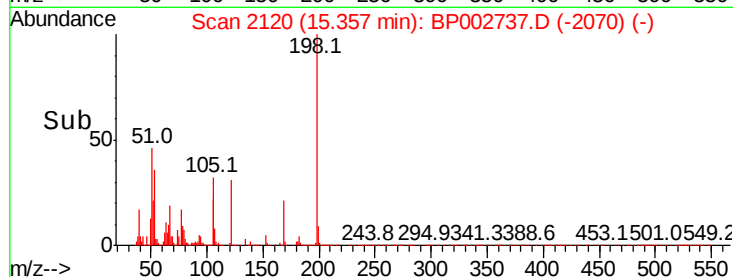


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.798 ng

RT: 15.48 min Scan# 2141

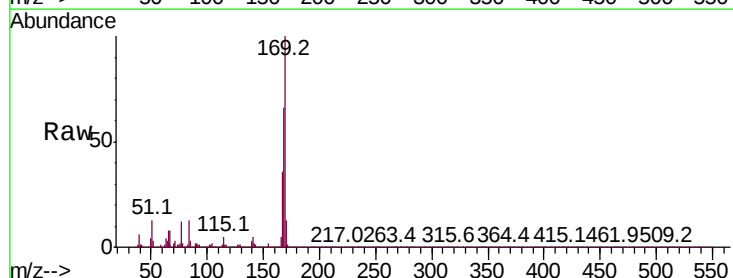
Delta R.T. -0.01 min

Lab File: BP002737.D

Acq: 13 Jul 2020 15:47

Tgt Ion:169 Resp: 904705

Ion	Ratio	Lower	Upper
169	100		
168	66.4	53.4	80.0
167	36.4	29.2	43.8

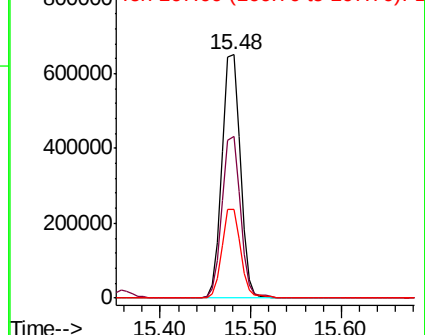
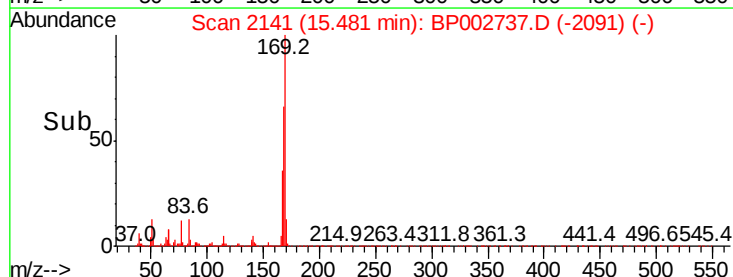


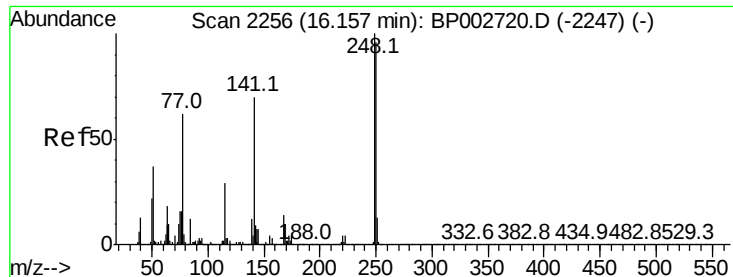
Abundance

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

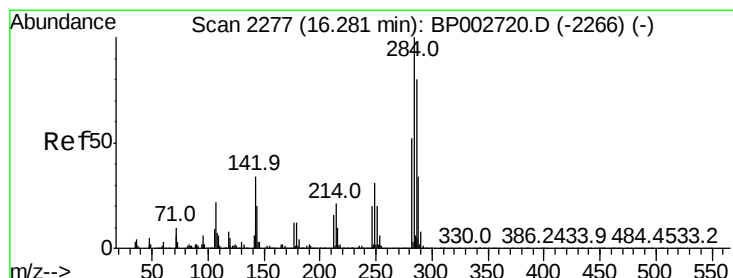
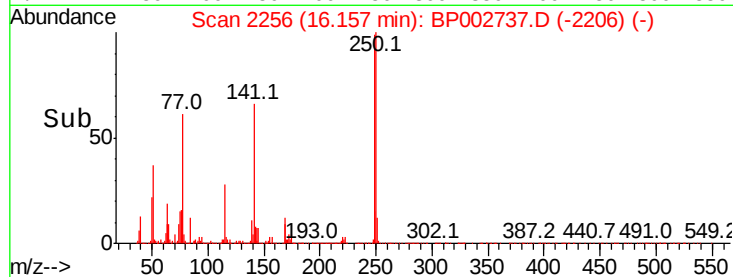
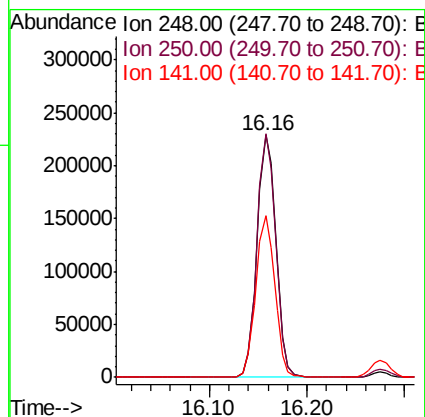
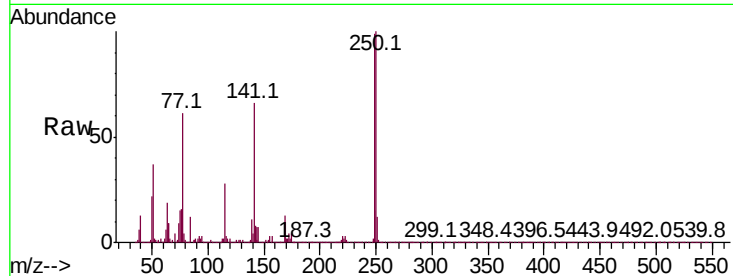




#67
4-Bromophenyl-phenylether
Concen: 36.990 ng
RT: 16.16 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

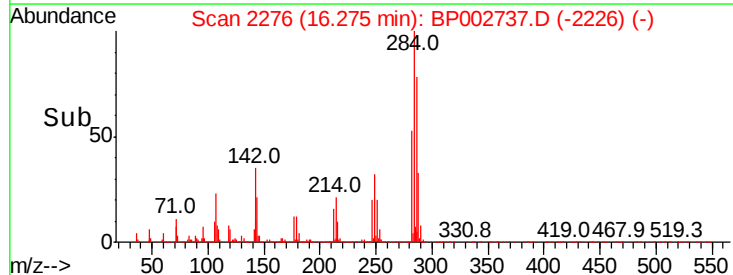
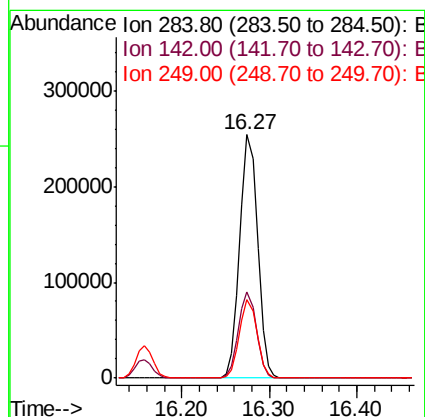
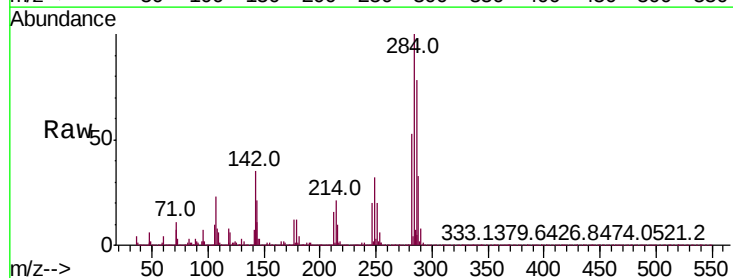
Instrument :
BNA_P
ClientSampleId :
PB129999BS

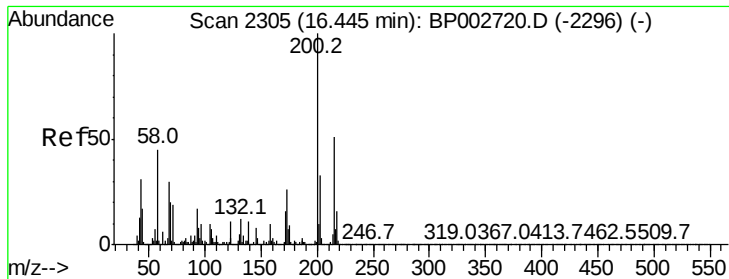
Tot Ion:248 Resp: 310071
Ion Ratio Lower Upper
248 100
250 100.6 76.7 115.1
141 66.9 55.9 83.9



#68
Hexachlorobenzene
Concen: 39.389 ng
RT: 16.27 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

Tgt Ion:284 Resp: 347880
Ion Ratio Lower Upper
284 100
142 35.1 26.9 40.3
249 32.4 24.6 37.0





#69

Atrazine

Concen: 45.590 ng

RT: 16.45 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BP002737.D

Acq: 13 Jul 2020 15:47

Instrument :

BNA_P

ClientSampleId :

PB129999BS

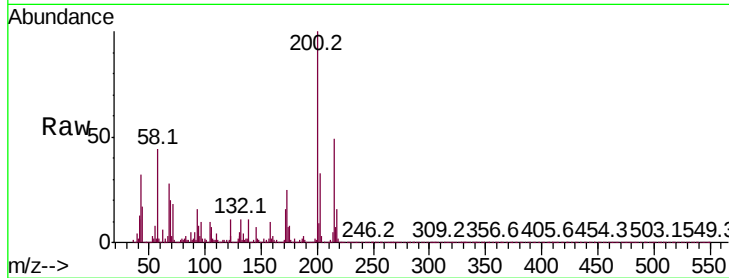
Tot Ion:200 Resp: 282930

Ion Ratio Lower Upper

200 100

173 25.3 6.3 46.3

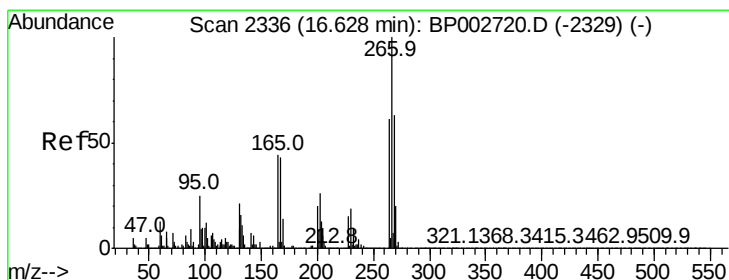
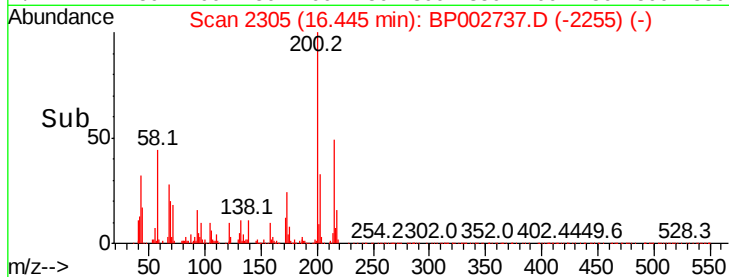
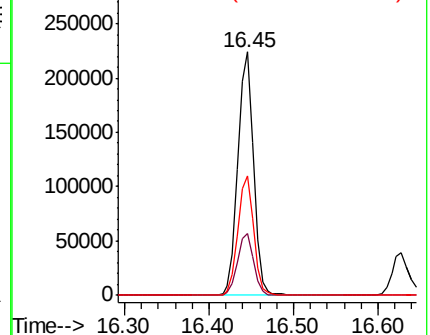
215 49.0 30.6 70.6



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: 73.417 ng

RT: 16.63 min Scan# 2336

Delta R.T. -0.01 min

Lab File: BP002737.D

Acq: 13 Jul 2020 15:47

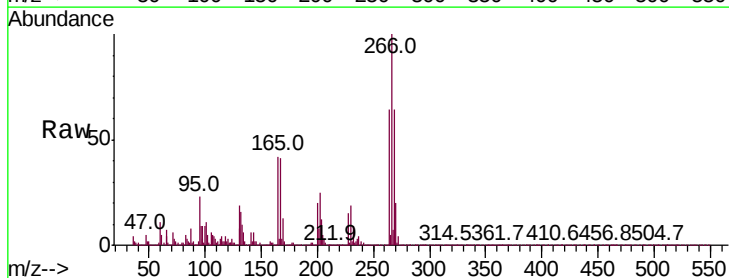
Tgt Ion:266 Resp: 310727

Ion Ratio Lower Upper

266 100

268 64.3 50.6 75.8

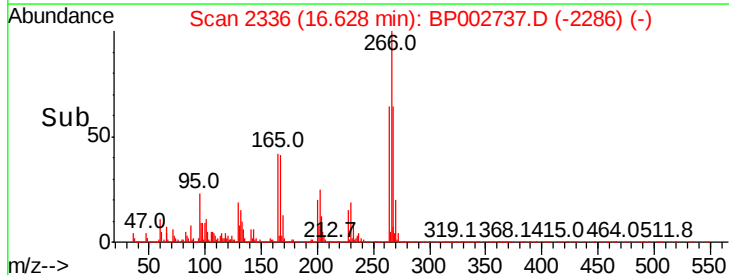
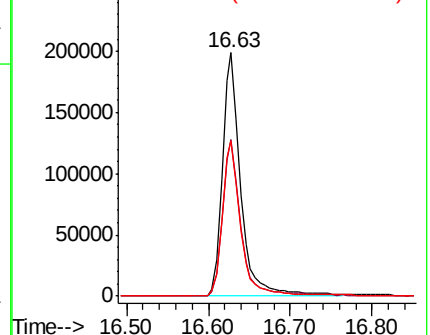
264 63.6 48.6 72.8

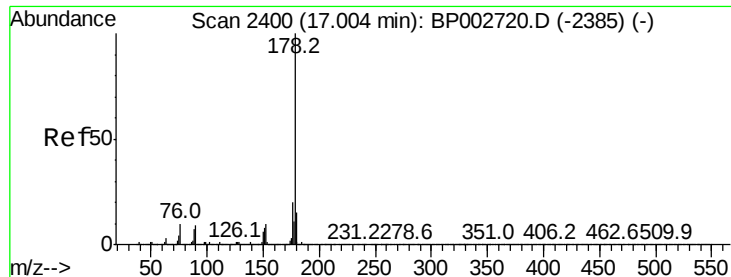


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.350 ng

RT: 17.00 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BP002737.D

Acq: 13 Jul 2020 15:47

Instrument :

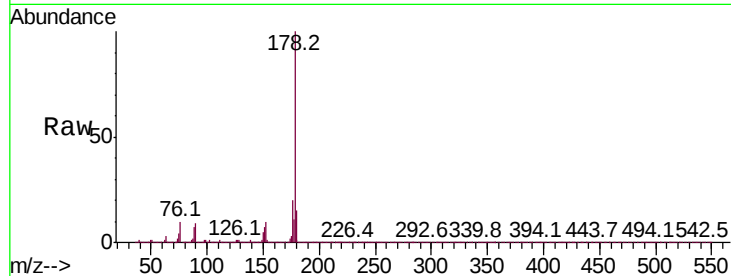
BNA_P

ClientSampleId :

PB129999BS

Tot Ion:178 Resp: 1639532

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	14.9	12.3	18.5

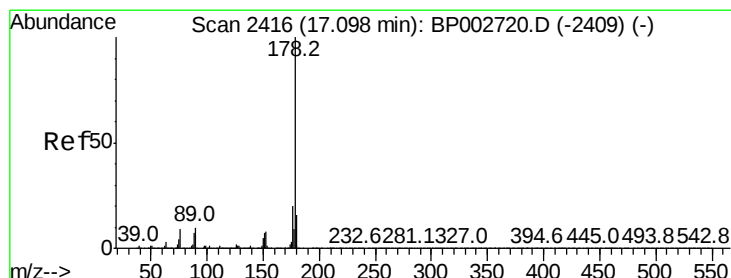
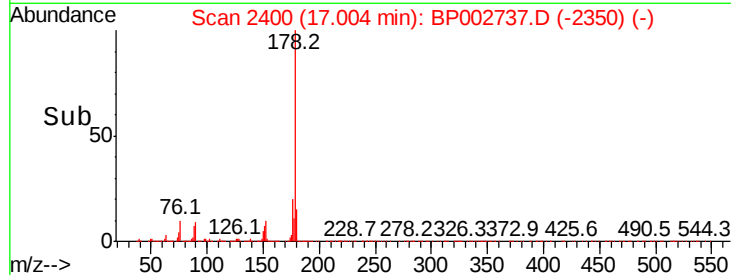
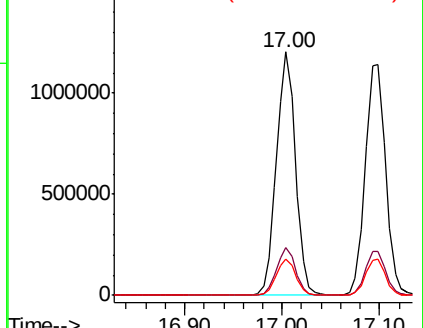


Abundance

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: 40.800 ng

RT: 17.10 min Scan# 2416

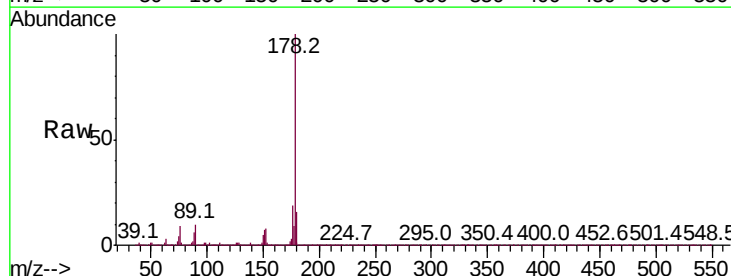
Delta R.T. -0.01 min

Lab File: BP002737.D

Acq: 13 Jul 2020 15:47

Tgt Ion:178 Resp: 1668185

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.7	12.6	19.0

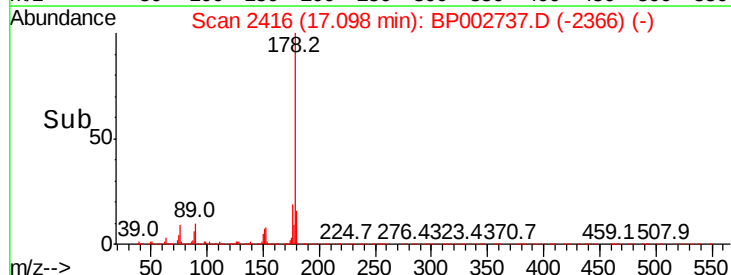
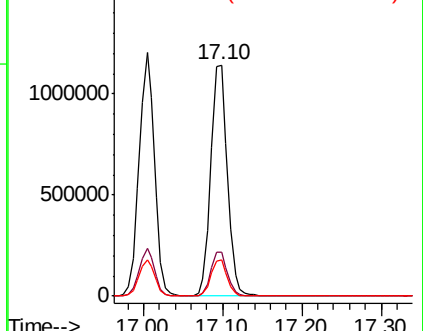


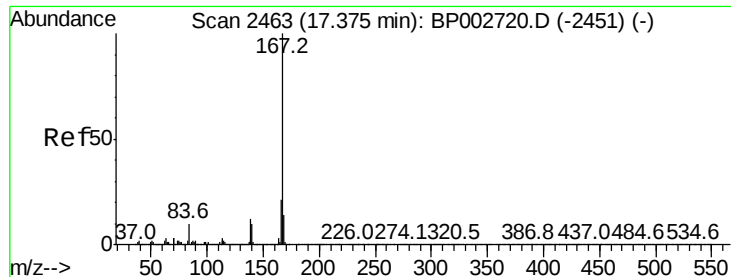
Abundance

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: 38.184 ng

RT: 17.37 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BP002737.D

Acq: 13 Jul 2020 15:47

Instrument :

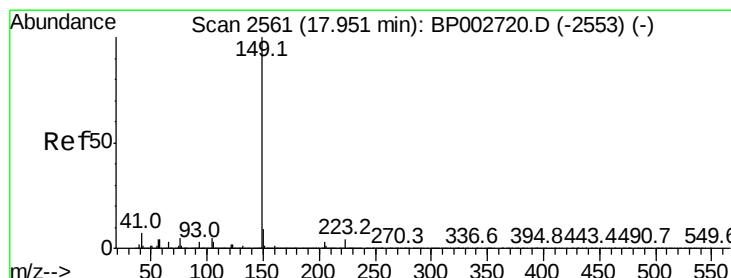
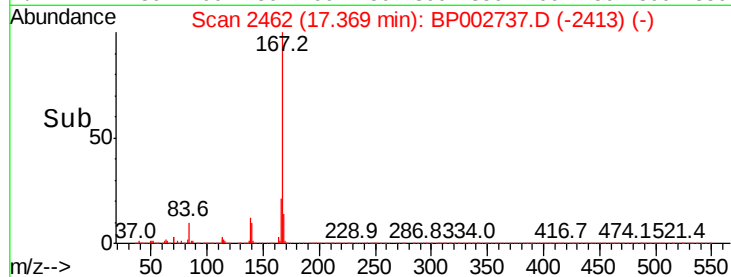
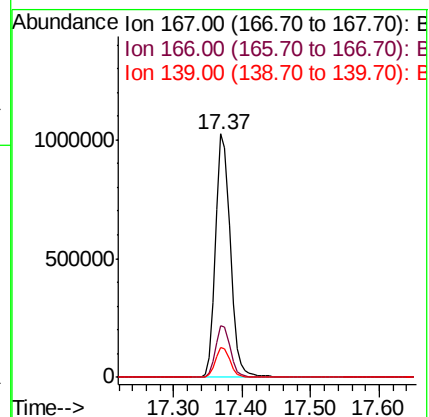
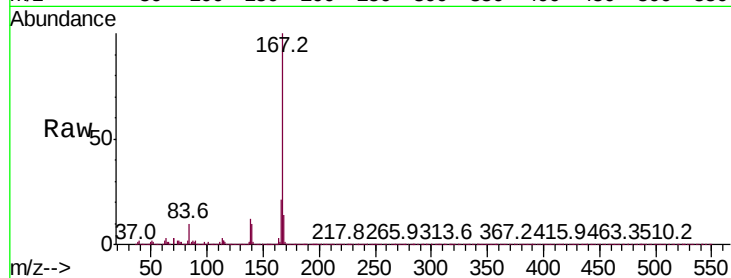
BNA_P

ClientSampleId :

PB129999BS

Tot Ion:167 Resp: 1532058

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.1	25.7
139	12.4	9.6	14.4



#74

Di-n-butylphthalate

Concen: 38.653 ng

RT: 17.95 min Scan# 2561

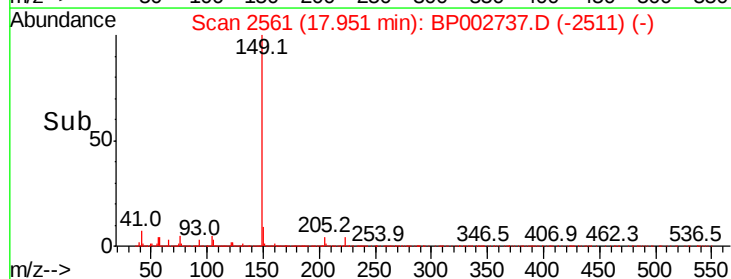
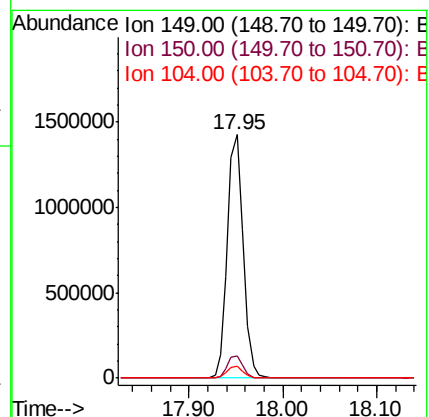
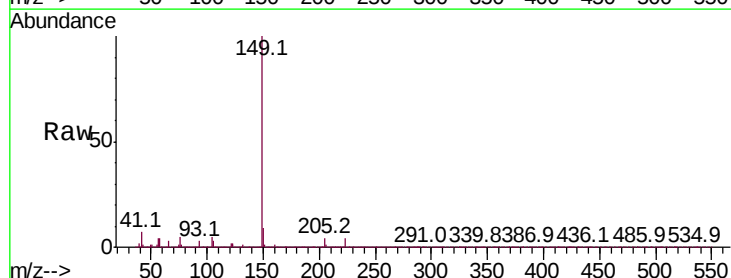
Delta R.T. -0.01 min

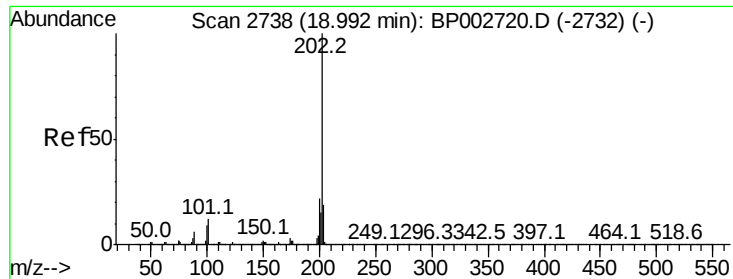
Lab File: BP002737.D

Acq: 13 Jul 2020 15:47

Tgt Ion:149 Resp: 1681943

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	5.0	4.0	6.0

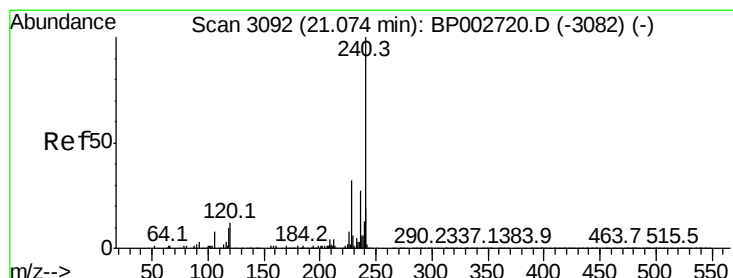
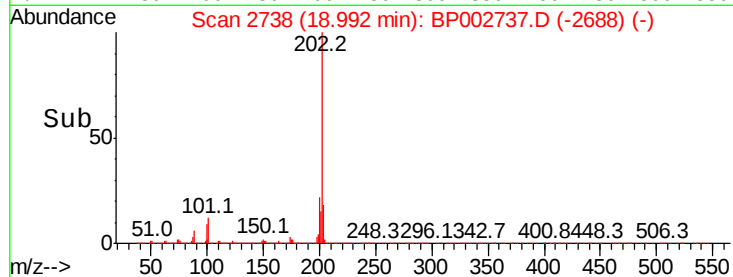
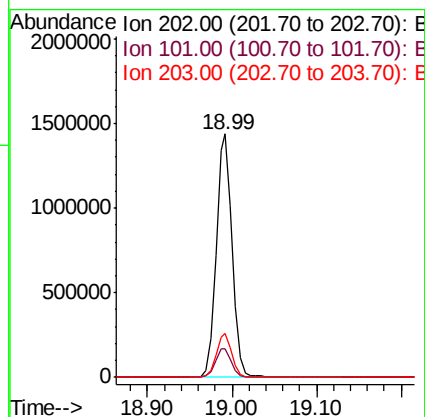
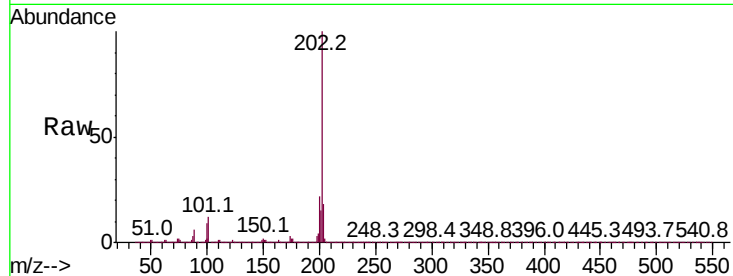




#75
Fluoranthene
Concen: 39.438 ng
RT: 18.99 min Scan# 2738
Delta R.T. -0.01 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

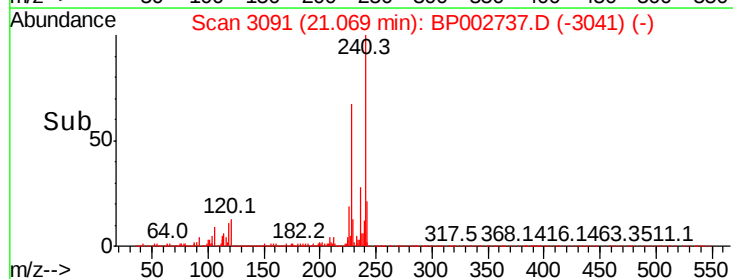
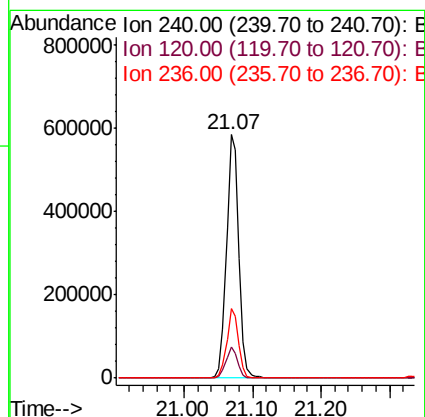
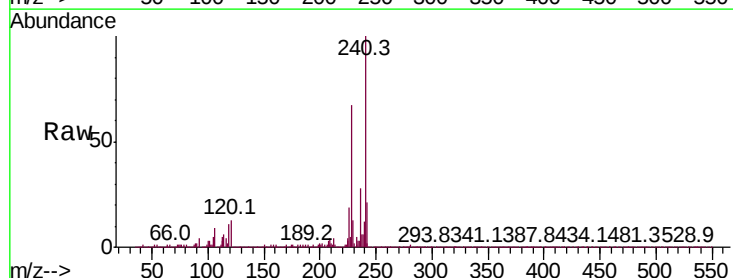
Instrument :
BNA_P
ClientSampleId :
PB129999BS

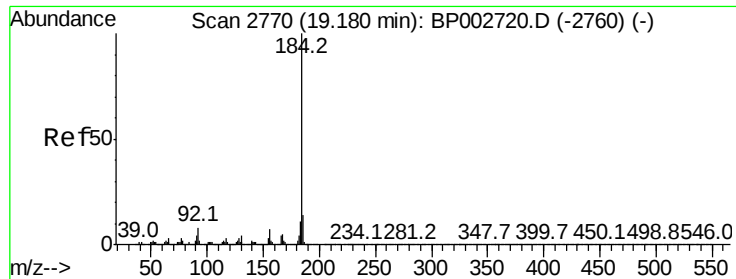
Tot Ion:202 Resp: 1904027
Ion Ratio Lower Upper
202 100
101 12.0 0.0 32.5
203 17.9 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

Tgt Ion:240 Resp: 725769
Ion Ratio Lower Upper
240 100
120 12.7 9.4 14.2
236 28.4 21.3 31.9





#77

Benzidine

Concen: 50.396 ng

RT: 19.17 min Scan# 2769

Delta R.T. -0.01 min

Lab File: BP002737.D

Acq: 13 Jul 2020 15:47

Instrument :

BNA_P

ClientSampleId :

PB129999BS

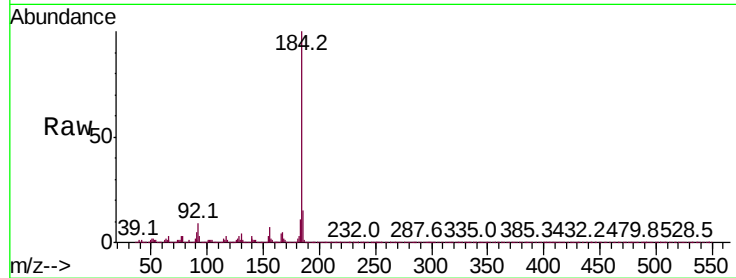
Tot Ion:184 Resp: 906600

Ion Ratio Lower Upper

184 100

185 14.6 11.4 17.2

183 11.0 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

800000

600000

400000

200000

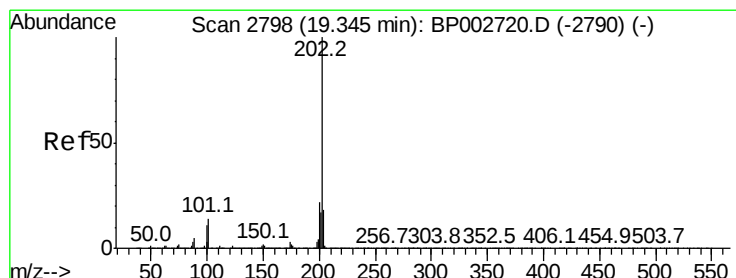
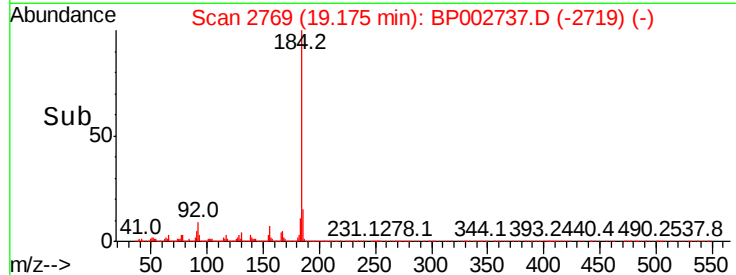
0

19.17

19.20

19.40

Time-->



#78

Pyrene

Concen: 39.157 ng

RT: 19.35 min Scan# 2798

Delta R.T. -0.01 min

Lab File: BP002737.D

Acq: 13 Jul 2020 15:47

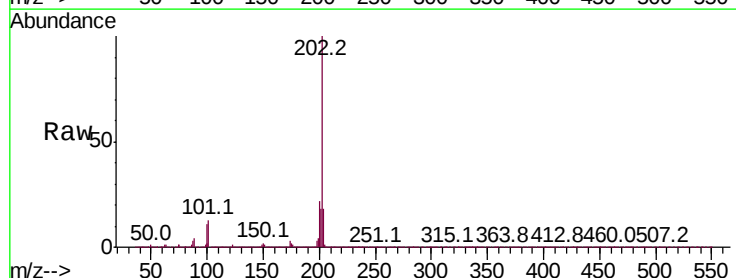
Tgt Ion:202 Resp: 1962158

Ion Ratio Lower Upper

202 100

200 21.5 17.7 26.5

203 17.7 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

2000000

1500000

1000000

500000

0

19.35

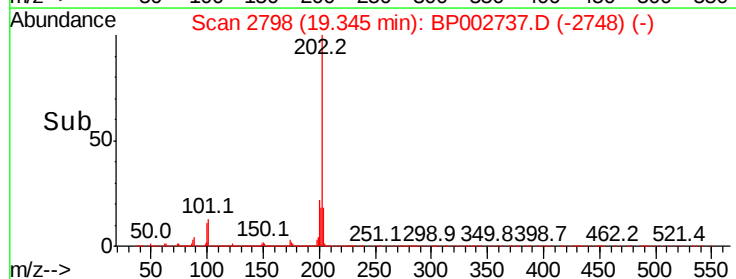
19.20

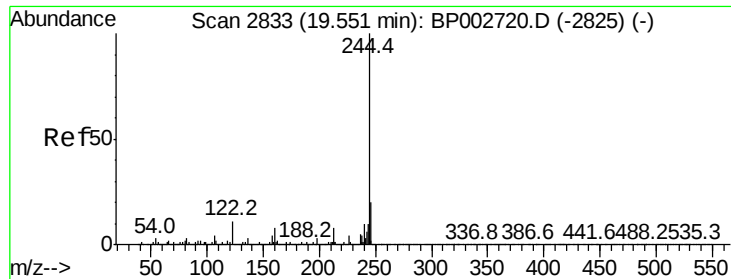
19.30

19.40

19.50

Time-->



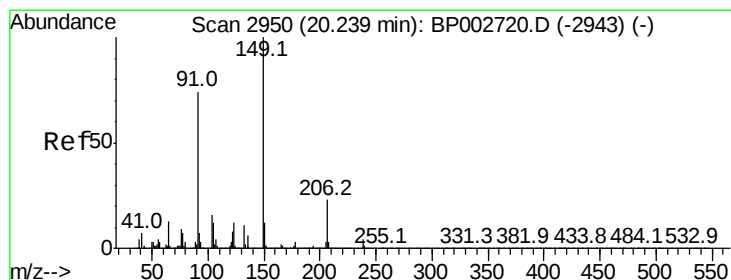
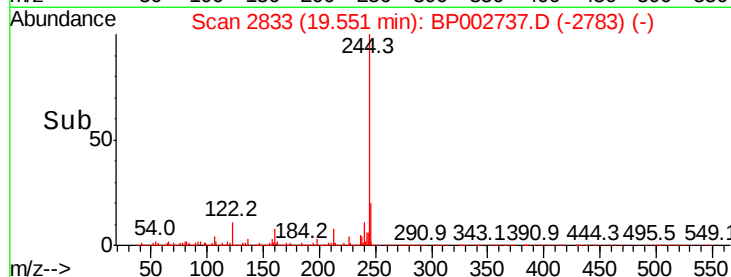
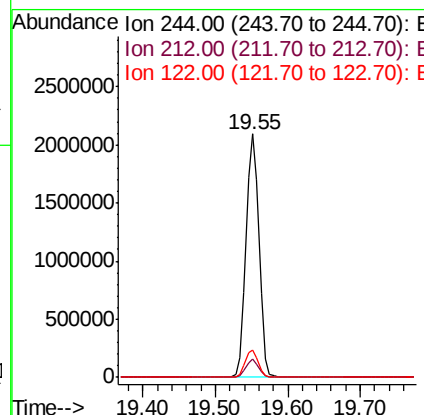
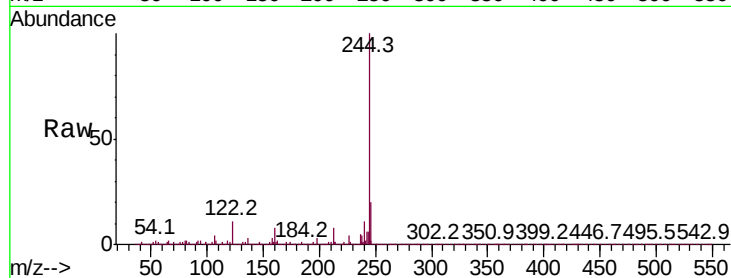


#79
 Terphenyl-d14
 Concen: 82.621 ng
 RT: 19.55 min Scan# 2833
 Delta R.T. -0.01 min
 Lab File: BP002737.D
 Acq: 13 Jul 2020 15:47

Instrument :
 BNA_P
 ClientSampleId :
 PB129999BS

Tot Ion:244 Resp: 2615407

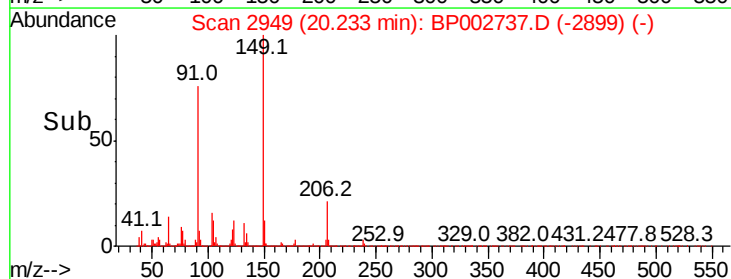
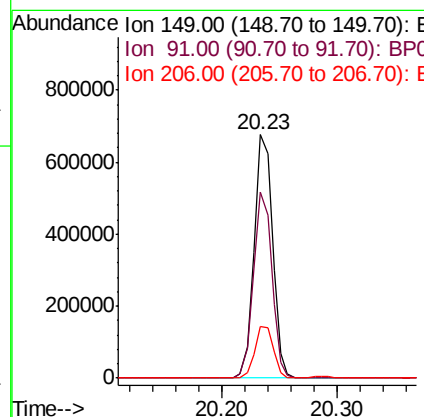
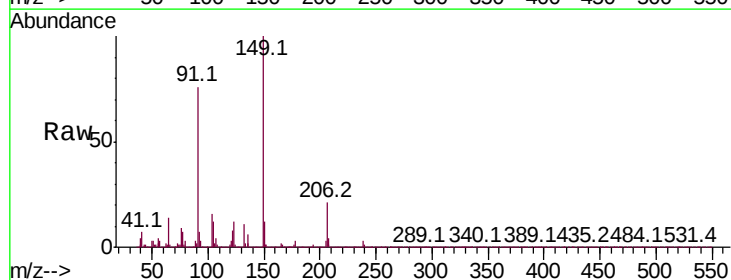
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	11.0	8.9	13.3

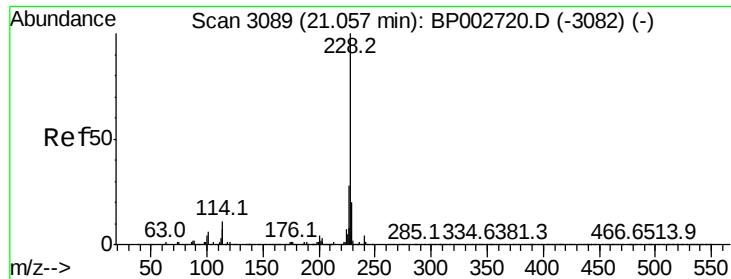


#80
 Butylbenzylphthalate
 Concen: 38.208 ng
 RT: 20.23 min Scan# 2949
 Delta R.T. -0.01 min
 Lab File: BP002737.D
 Acq: 13 Jul 2020 15:47

Tgt Ion:149 Resp: 755538

Ion	Ratio	Lower	Upper
149	100		
91	76.5	59.4	89.2
206	21.0	18.3	27.5





#81

Benzo(a)anthracene

Concen: 38.559 ng

RT: 21.06 min Scan# 3089

Delta R.T. -0.01 min

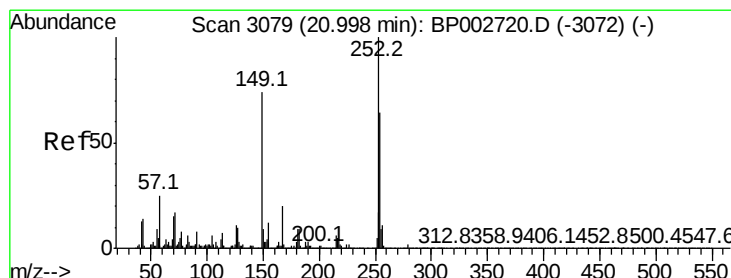
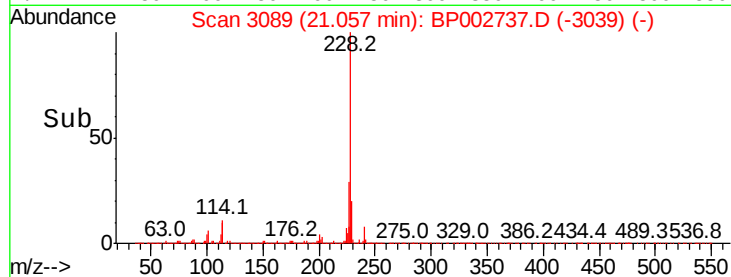
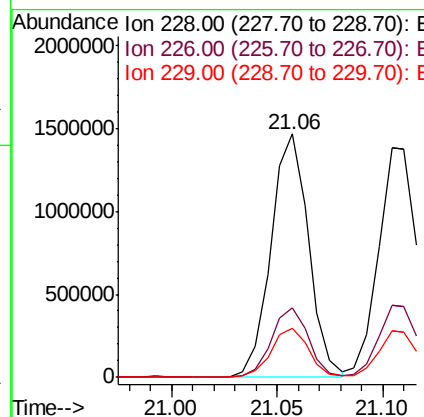
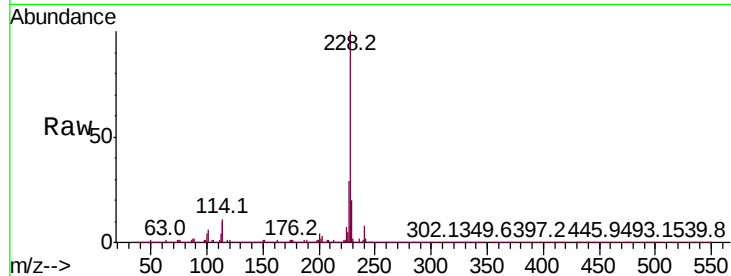
Lab File: BP002737.D

Acq: 13 Jul 2020 15:47

Instrument :
BNA_P
ClientSampleId :
PB129999BS

Tot Ion:228 Resp: 1811523

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	34.0
229	20.3	16.0	24.0



#82

3,3'-Dichlorobenzidine

Concen: 30.202 ng

RT: 20.99 min Scan# 3078

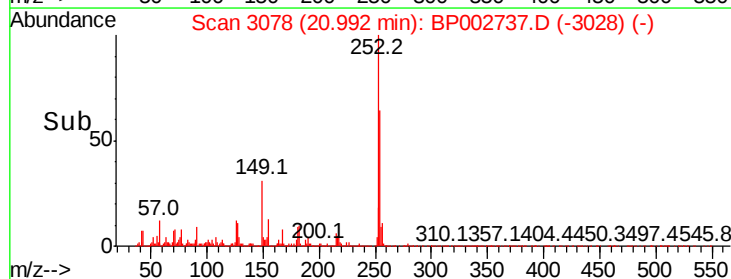
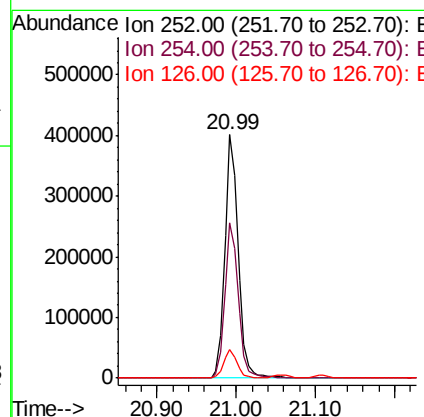
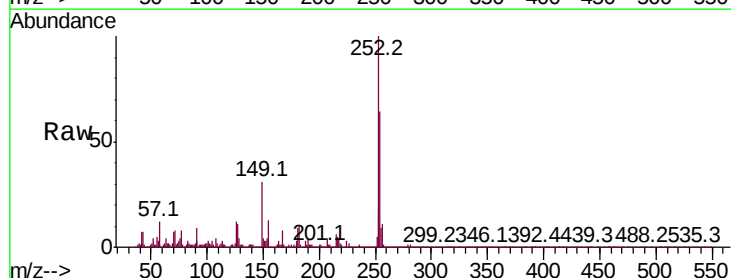
Delta R.T. -0.01 min

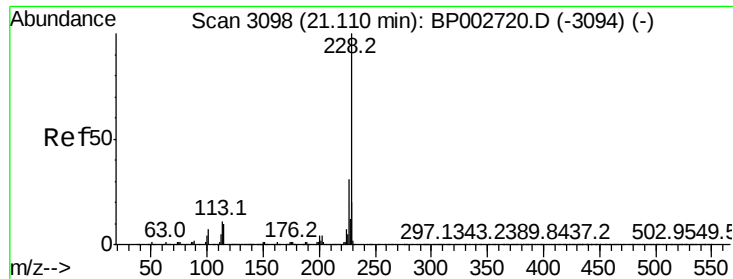
Lab File: BP002737.D

Acq: 13 Jul 2020 15:47

Tgt Ion:252 Resp: 469920

Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.0	76.4
126	11.8	8.4	12.6





#83

Chrysene

Concen: 39.747 ng

RT: 21.10 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BP002737.D

Acq: 13 Jul 2020 15:47

Instrument :

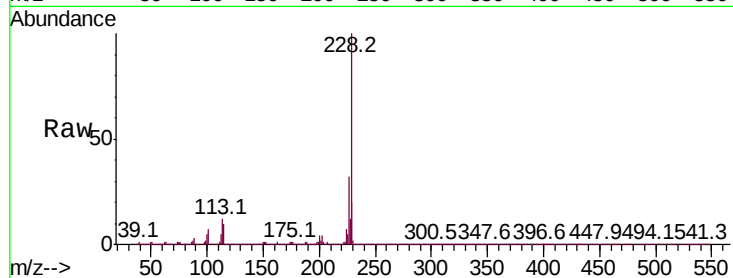
BNA_P

ClientSampleId :

PB129999BS

Tot Ion:228 Resp: 1777505

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.6	37.0
229	20.4	15.7	23.5

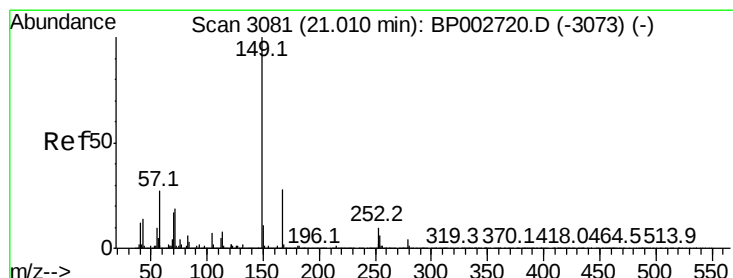
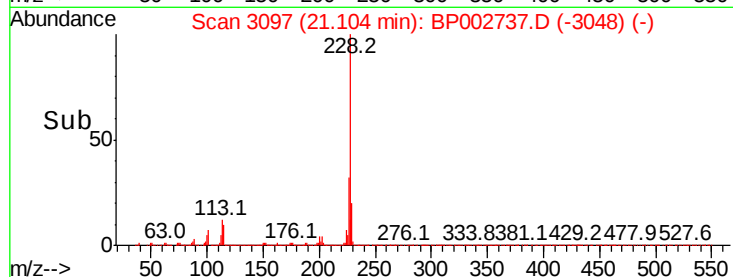
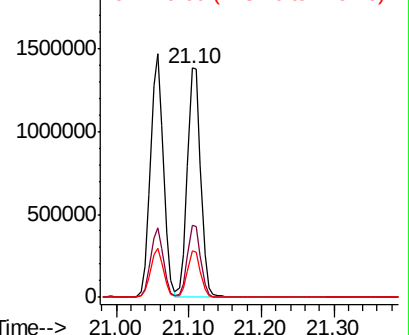


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.480 ng

RT: 21.00 min Scan# 3080

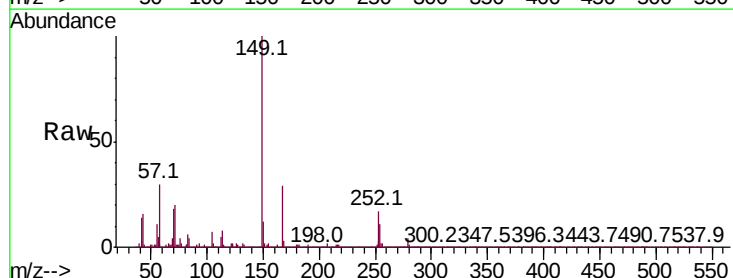
Delta R.T. -0.01 min

Lab File: BP002737.D

Acq: 13 Jul 2020 15:47

Tgt Ion:149 Resp: 1085798

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.4	33.6
279	3.9	3.5	5.3

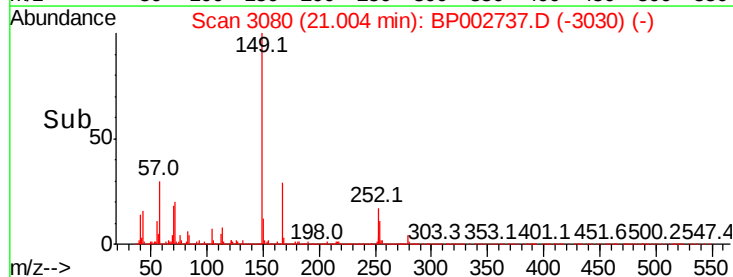
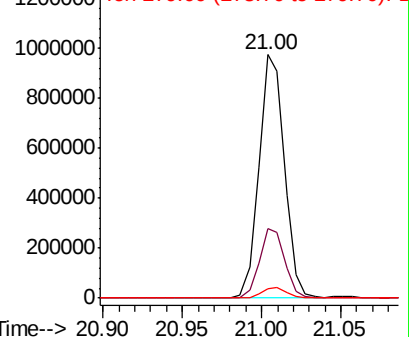


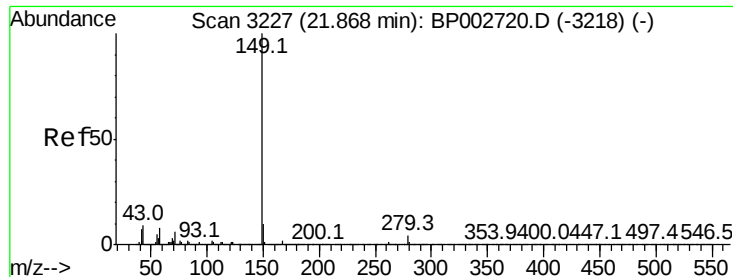
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

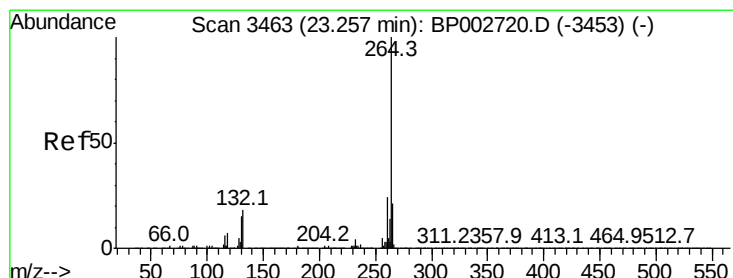
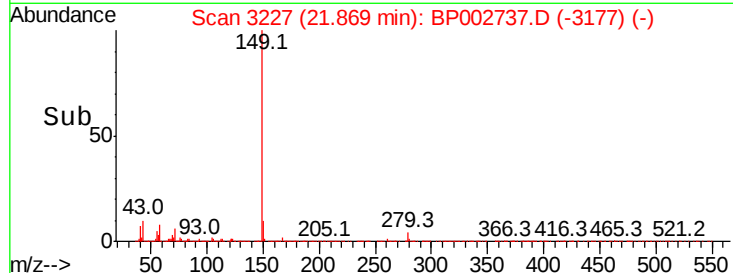
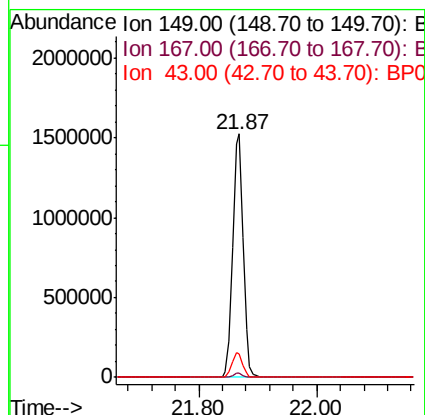
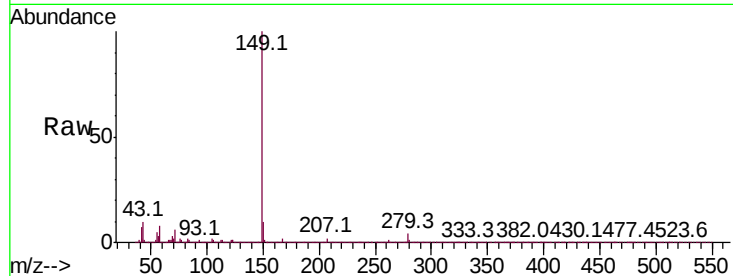




#85
Di-n-octyl phthalate
Concen: 38.320 ng
RT: 21.87 min Scan# 3227
Delta R.T. -0.01 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

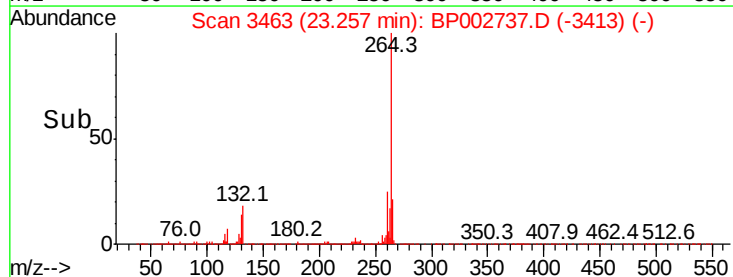
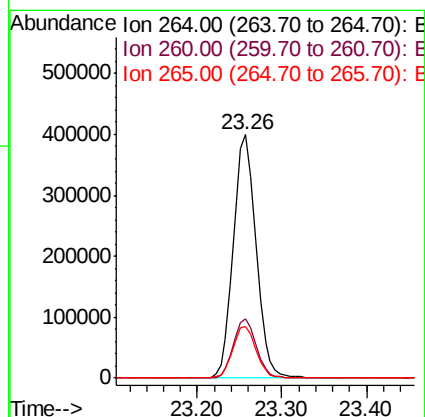
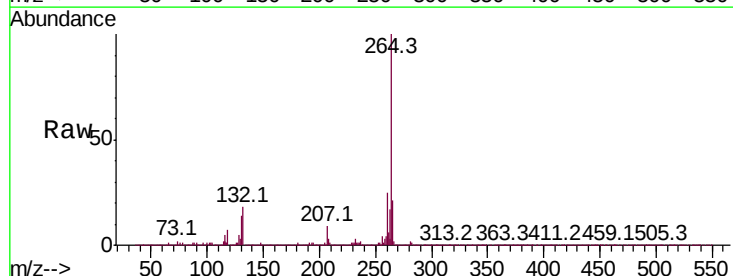
Instrument :
BNA_P
ClientSampleId :
PB129999BS

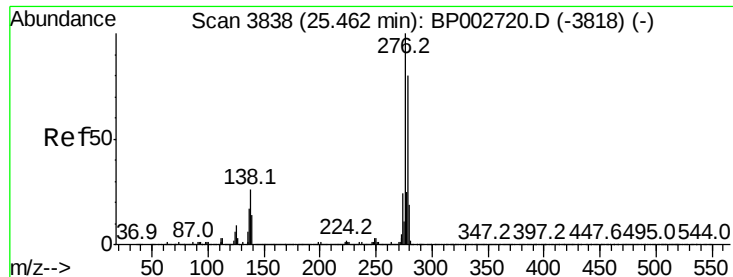
Tot Ion:149 Resp: 1894741
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.3 8.2 12.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.26 min Scan# 3463
Delta R.T. -0.01 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

Tgt Ion:264 Resp: 739761
Ion Ratio Lower Upper
264 100
260 24.5 19.3 28.9
265 21.2 16.8 25.2

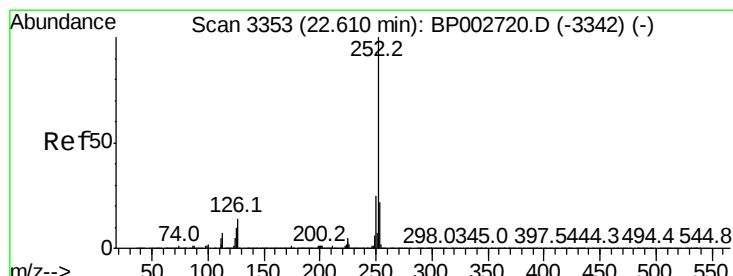
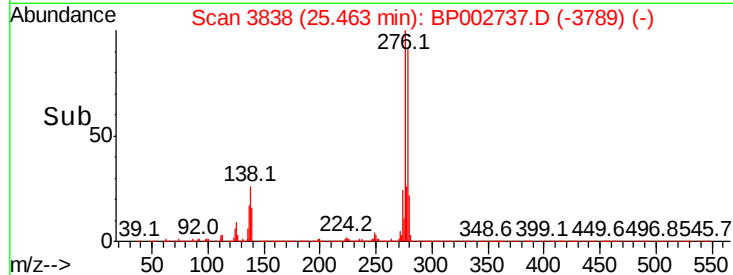
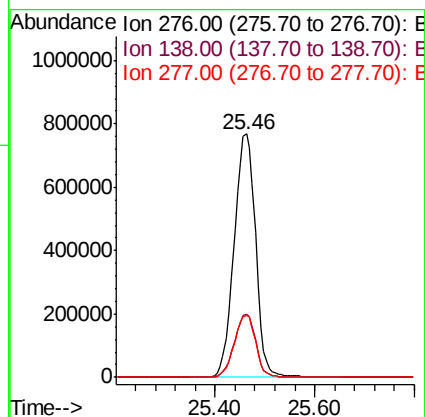
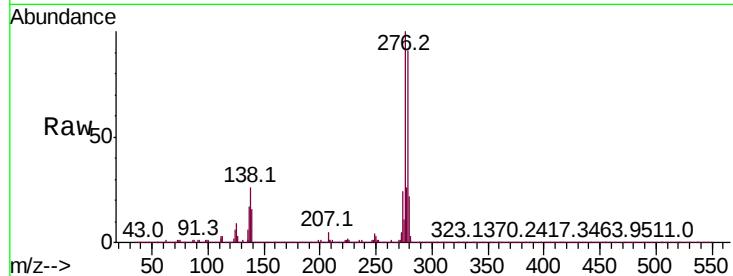




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.081 ng
 RT: 25.46 min Scan# 3838
 Delta R.T. -0.01 min
 Lab File: BP002737.D
 Acq: 13 Jul 2020 15:47

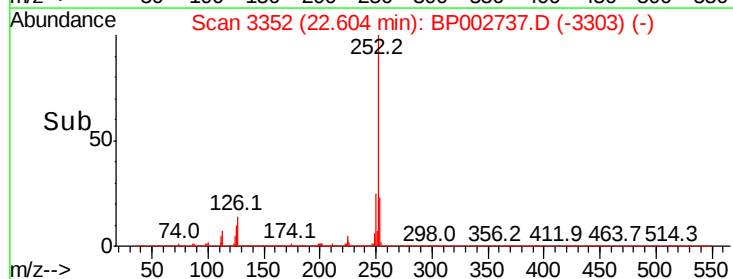
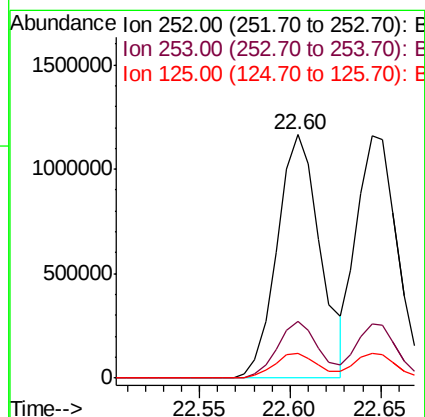
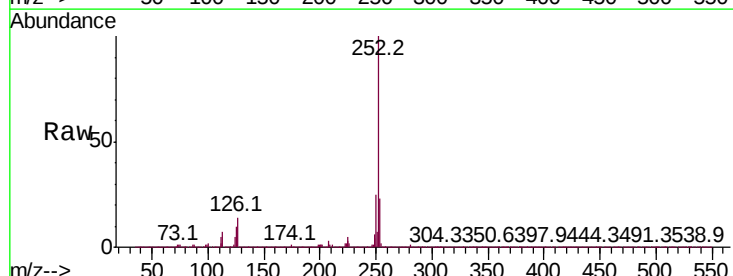
Instrument :
 BNA_P
 ClientSampleId :
 PB129999BS

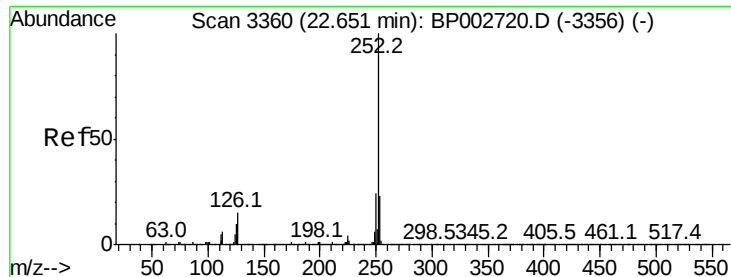
Tot Ion:276 Resp: 2303429
 Ion Ratio Lower Upper
 276 100
 138 26.1 20.8 31.2
 277 25.3 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 42.148 ng
 RT: 22.60 min Scan# 3352
 Delta R.T. -0.01 min
 Lab File: BP002737.D
 Acq: 13 Jul 2020 15:47

Tgt Ion:252 Resp: 1936060
 Ion Ratio Lower Upper
 252 100
 253 23.1 17.7 26.5
 125 10.1 8.2 12.2

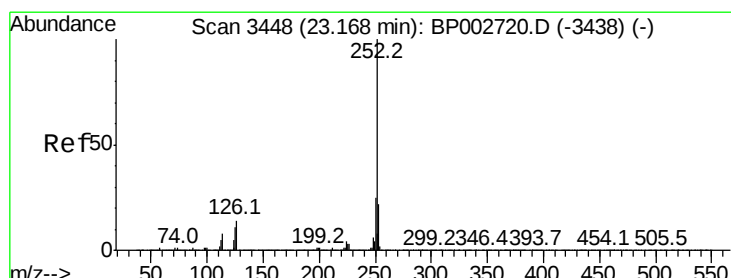
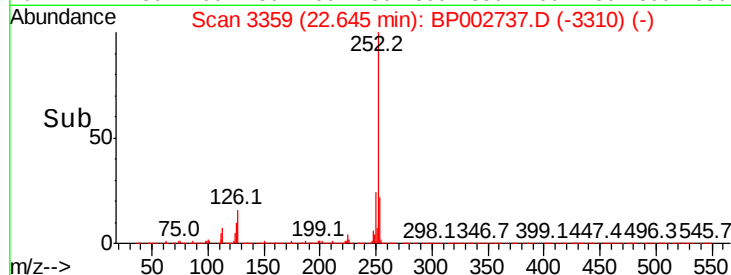
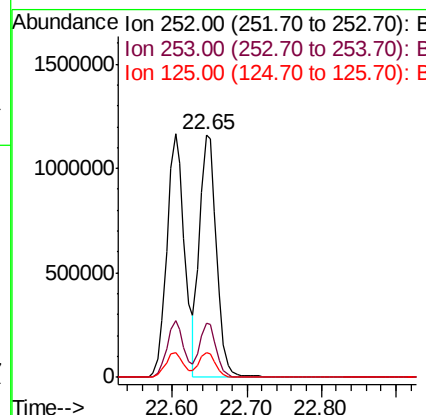
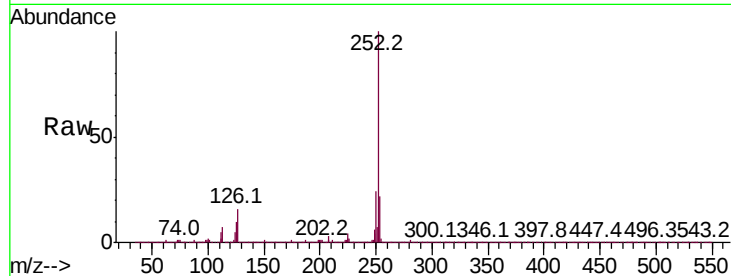




#89
Benzo(k)fluoranthene
Concen: 40.556 ng
RT: 22.65 min Scan# 3359
Delta R.T. -0.01 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

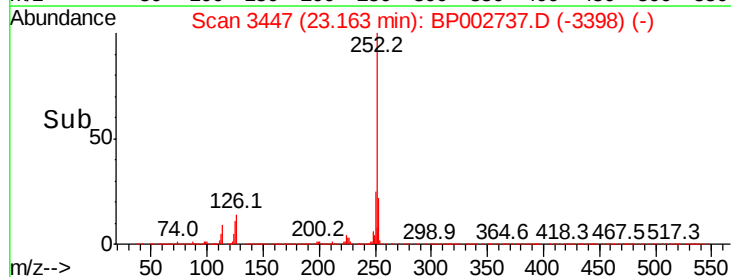
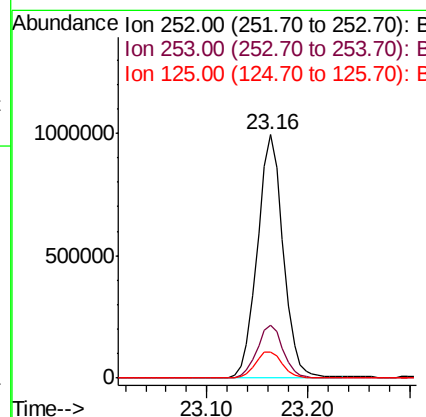
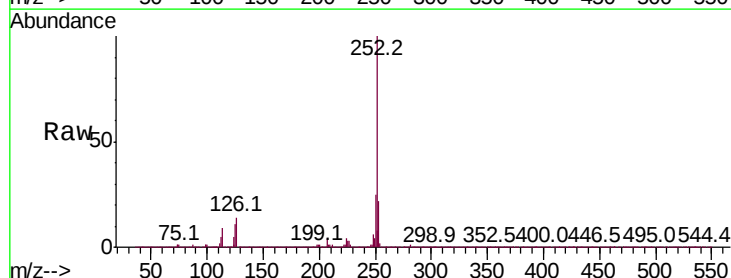
Instrument :
BNA_P
ClientSampleId :
PB129999BS

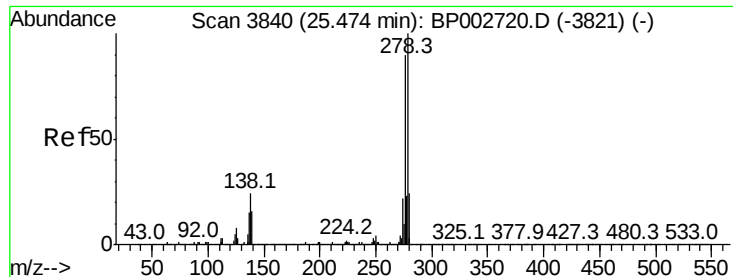
Tot Ion:252 Resp: 1834982
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 10.3 8.3 12.5



#90
Benzo(a)pyrene
Concen: 40.220 ng
RT: 23.16 min Scan# 3447
Delta R.T. -0.01 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

Tgt Ion:252 Resp: 1750754
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 11.0 8.6 13.0

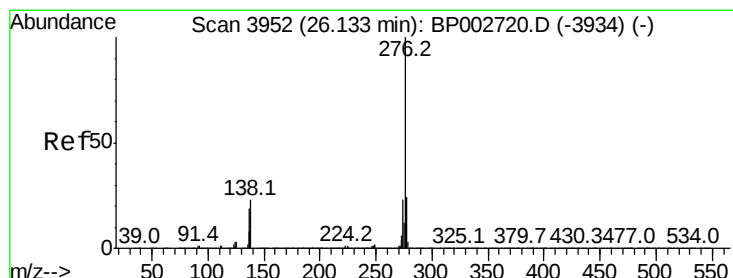
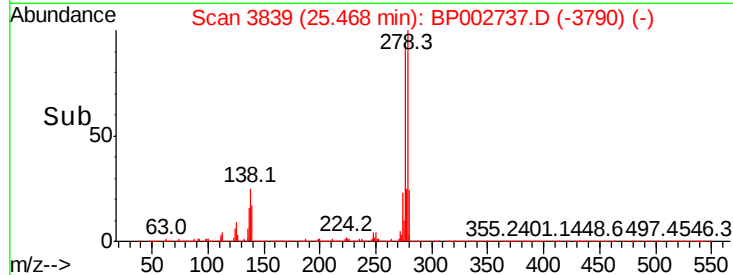
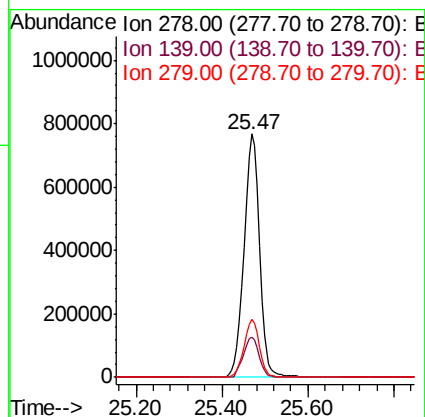
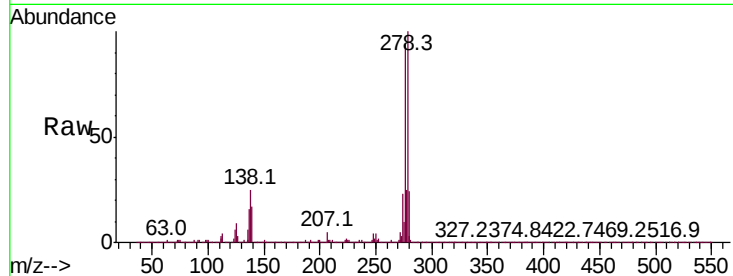




#91
Dibenzo(a,h)anthracene
Concen: 44.495 ng
RT: 25.47 min Scan# 3839
Delta R.T. -0.01 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

Instrument :
BNA_P
ClientSampleId :
PB129999BS

Tot Ion:278 Resp: 1918600
Ion Ratio Lower Upper
278 100
139 16.7 13.1 19.7
279 24.0 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 43.412 ng
RT: 26.13 min Scan# 3951
Delta R.T. -0.02 min
Lab File: BP002737.D
Acq: 13 Jul 2020 15:47

Tgt Ion:276 Resp: 1897904
Ion Ratio Lower Upper
276 100
277 23.8 19.1 28.7
138 23.3 18.3 27.5

