

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080720\
 Data File : BP002931.D
 Acq On : 07 Aug 2020 13:40
 Operator : CG/JU
 Sample : PB130730BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB130730BS

Quant Time: Aug 07 16:54:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 15:30:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	496988	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	1977074	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	1193315	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	2313475	20.00	ng	0.00
76) Chrysene-d12	21.19	240	1857706	20.00	ng	0.00
86) Perylene-d12	23.45	264	1617866	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	3220825	99.19	ng	0.00
7) Phenol-d6	6.89	99	4075102	90.39	ng	0.00
23) Nitrobenzene-d5	8.86	82	2328726	63.80	ng	0.00
42) 2,4,6-Tribromophenol	15.84	330	1565655	105.56	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	5865030	67.15	ng	-0.01
79) Terphenyl-d14	19.67	244	6922286	74.60	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	610399	43.791	ng	96
3) Pyridine	3.65	79	939900	24.202	ng	96
4) n-Nitrosodimethylamine	3.56	42	332279	29.127	ng	92
6) Aniline	7.04	93	1814589	34.692	ng	95
8) 2-Chlorophenol	7.28	128	1350624	39.010	ng	95
9) Benzaldehyde	6.85	77	810085	33.748	ng	90
10) Phenol	6.92	94	1670860	36.799	ng	95
11) bis(2-Chloroethyl)ether	7.14	93	1224697	35.068	ng	95
12) 1,3-Dichlorobenzene	7.60	146	1400068	35.828	ng	97
13) 1,4-Dichlorobenzene	7.75	146	1425496	36.089	ng	99
14) 1,2-Dichlorobenzene	8.06	146	1382404	36.699	ng	98
15) Benzyl Alcohol	7.95	79	1032114	34.697	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.25	45	1031556	31.440	ng	98
17) 2-Methylphenol	8.15	107	1126222	38.816	ng	97
18) Hexachloroethane	8.79	117	490678	35.615	ng	96
19) n-Nitroso-di-n-propylamine	8.52	70	833322	32.079	ng	# 94
20) 3+4-Methylphenols	8.48	107	1521165	38.901	ng	98
22) Acetophenone	8.52	105	1900236	34.065	ng	98
24) Nitrobenzene	8.90	77	1267668	31.988	ng	91
25) Isophorone	9.43	82	2480188	31.627	ng	97
26) 2-Nitrophenol	9.60	139	666199	41.002	ng	90
27) 2,4-Dimethylphenol	9.68	122	1253131	40.127	ng	96
28) bis(2-Chloroethoxy)methane	9.91	93	1634011	37.348	ng	99
29) 2,4-Dichlorophenol	10.14	162	1309137	39.830	ng	98
30) 1,2,4-Trichlorobenzene	10.36	180	1392606	36.245	ng	98
31) Naphthalene	10.54	128	3921677	34.651	ng	99
32) Benzoic acid	9.82	122	740507	41.548	ng	94
33) 4-Chloroaniline	10.65	127	1260635	26.877	ng	97
34) Hexachlorobutadiene	10.85	225	842022	35.812	ng	99
35) Caprolactam	11.41	113	396525	38.990	ng	91
36) 4-Chloro-3-methylphenol	11.78	107	1267763	37.106	ng	98
37) 2-Methylnaphthalene	12.16	142	2902923	36.059	ng	99
38) 1-Methylnaphthalene	12.38	142	2731794	36.047	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	1582006	36.873	ng	100

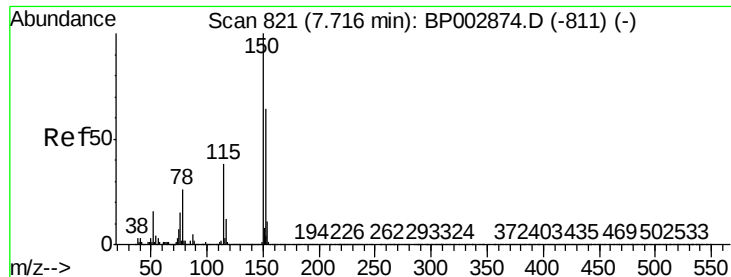
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080720\
 Data File : BP002931.D
 Acq On : 07 Aug 2020 13:40
 Operator : CG/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 15:30:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	2103236	94.497	nq	98
43) 2,4,6-Trichlorophenol	12.77	196	1029215	41.390	nq	100
44) 2,4,5-Trichlorophenol	12.85	196	1118788	41.013	nq	94
46) 1,1'-Biphenyl	13.18	154	3606472	36.558	nq	99
47) 2-Chloronaphthalene	13.22	162	2767951	35.832	nq	98
48) 2-Nitroaniline	13.42	65	626155	33.779	nq	83
49) Acenaphthylene	14.07	152	4382857	36.177	nq	99
50) Dimethylphthalate	13.82	163	3390975	36.332	nq	100
51) 2,6-Dinitrotoluene	13.92	165	748801	36.341	nq #	84
52) Acenaphthene	14.42	154	2643732	33.953	nq	99
53) 3-Nitroaniline	14.25	138	564585	27.087	nq	92
54) 2,4-Dinitrophenol	14.45	184	687232	77.784	nq #	83
55) Dibenzofuran	14.75	168	4139667	34.660	nq	98
56) 4-Nitrophenol	14.56	139	1249749	75.513	nq	88
57) 2,4-Dinitrotoluene	14.71	165	977490	36.264	nq	90
58) Fluorene	15.40	166	3201885	34.240	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.98	232	975910	42.877	nq	96
60) Diethylphthalate	15.19	149	3226695	35.380	nq	99
61) 4-Chlorophenyl-phenylether	15.40	204	1767339	36.722	nq	98
62) 4-Nitroaniline	15.42	138	723645	34.147	nq	93
63) Azobenzene	15.70	77	2734585	29.784	nq	93
65) 4,6-Dinitro-2-methylphenol	15.48	198	466737	40.054	nq	87
66) n-Nitrosodiphenylamine	15.62	169	2892165	37.747	nq	99
67) 4-Bromophenyl-phenylether	16.30	248	1118852	39.752	nq	95
68) Hexachlorobenzene	16.42	284	1266056	38.890	nq	95
69) Atrazine	16.57	200	890395	34.301	nq	98
70) Pentachlorophenol	16.76	266	1512815	89.613	nq	99
71) Phenanthrene	17.15	178	4920451	36.270	nq	99
72) Anthracene	17.23	178	5009814	37.784	nq	100
73) Carbazole	17.50	167	4394397	33.937	nq	99
74) Di-n-butylphthalate	18.08	149	5091024	37.376	nq	99
75) Fluoranthene	19.12	202	5516683	35.295	nq	99
77) Benzidine	19.29	184	3134642	55.335	nq	99
78) Pyrene	19.47	202	5517078	42.483	nq	100
80) Butylbenzylphthalate	20.36	149	1987280	38.329	nq	89
81) Benzo(a)anthracene	21.17	228	4776816	37.750	nq	99
82) 3,3'-Dichlorobenzidine	21.11	252	1529221	30.533	nq	100
83) Chrysene	21.23	228	4422945	37.054	nq	99
84) Bis(2-ethylhexyl)phthalate	21.13	149	2775118	38.611	nq	100
85) Di-n-octyl phthalate	22.01	149	4225565	35.788	nq #	96
87) Indeno(1,2,3-cd)pyrene	25.76	276	5132138	39.609	nq	98
88) Benzo(b)fluoranthene	22.77	252	4254093	37.261	nq	99
89) Benzo(k)fluoranthene	22.82	252	4200620	38.927	nq	99
90) Benzo(a)pyrene	23.35	252	3821144	37.040	nq	99
91) Dibenzo(a,h)anthracene	25.77	278	4298720	38.981	nq	98
92) Benzo(g,h,i)perylene	26.46	276	4365454	40.937	nq	98

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

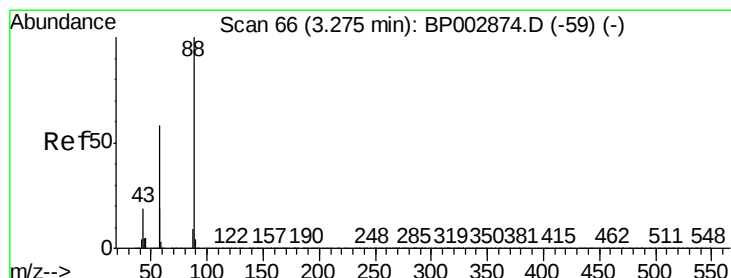
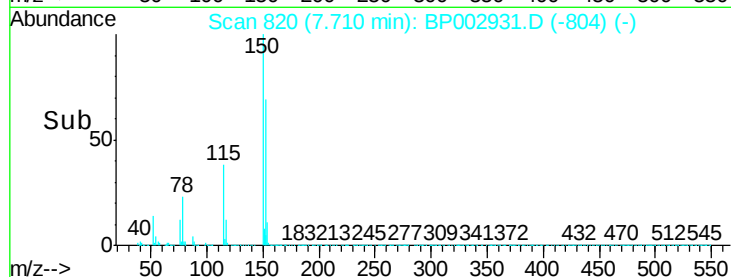
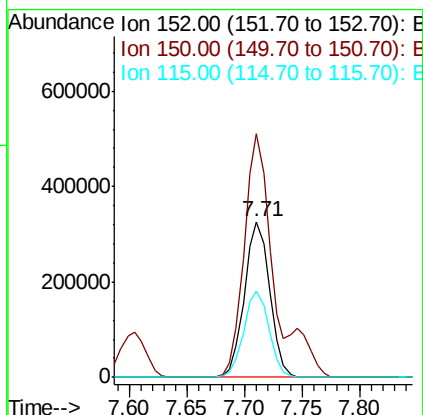
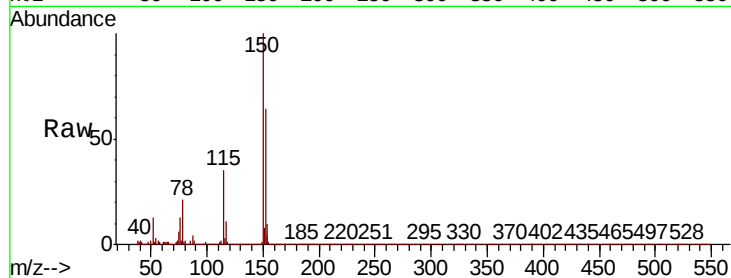


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 820
Delta R.T. -0.01 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

Instrument :
BNA_P
ClientSampleId :
PB130730BS

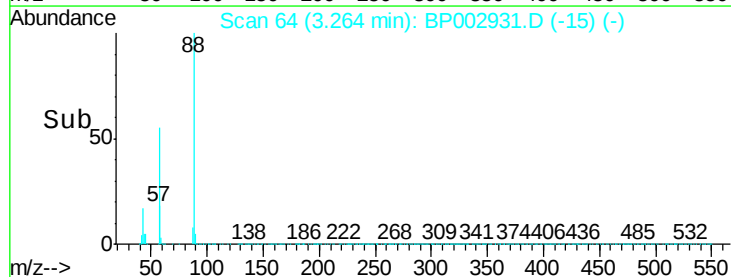
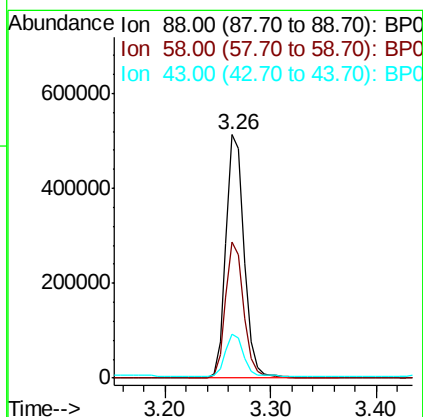
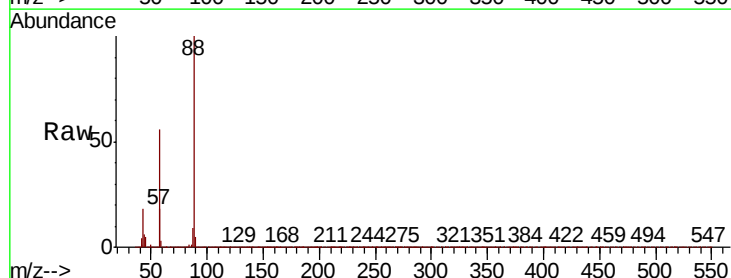
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.8	187.2
115	55.1	47.4	71.2

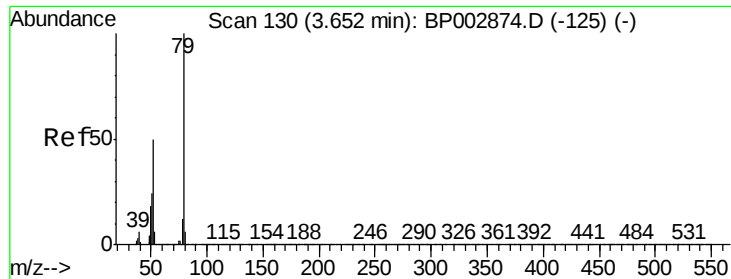


#2

1,4-Dioxane
Concen: 43.791 ng
RT: 3.26 min Scan# 64
Delta R.T. -0.01 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.5	47.4	71.0
43	17.8	15.2	22.8





#3

Pvridine

Concen: 24.202 ng

RT: 3.65 min Scan# 129

Delta R.T. -0.01 min

Lab File: BP002931.D

Acq: 07 Aug 2020 13:40

Instrument :

BNA_P

ClientSampleId :

PB130730BS

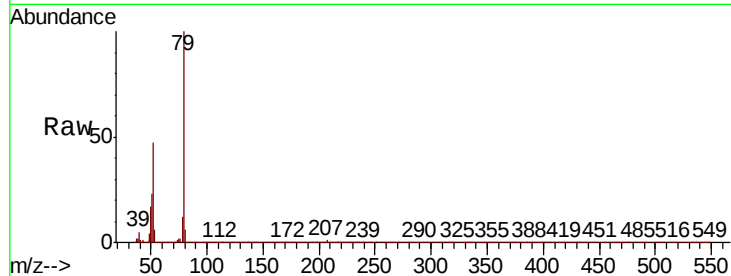
Tot Ion: 79 Resp: 939900

Ion Ratio Lower Upper

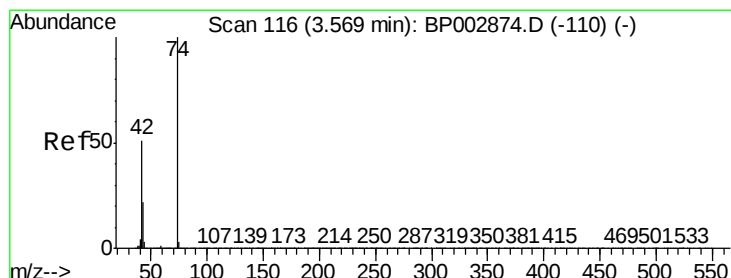
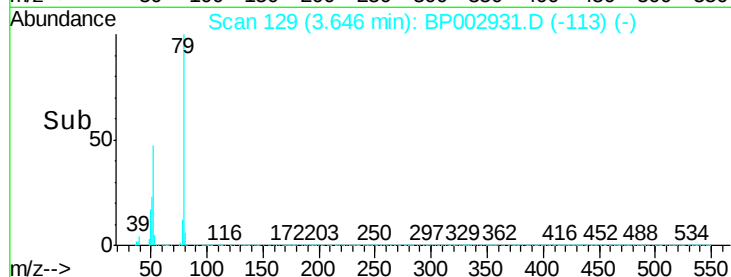
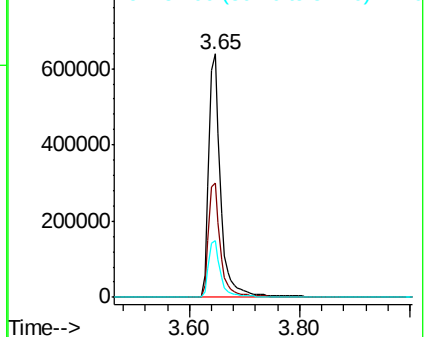
79 100

52 46.9 40.0 60.0

51 23.1 19.4 29.2



Abundance Ion 79.00 (78.70 to 79.70): BP0
Ion 52.00 (51.70 to 52.70): BP0
Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 29.127 ng

RT: 3.56 min Scan# 114

Delta R.T. -0.01 min

Lab File: BP002931.D

Acq: 07 Aug 2020 13:40

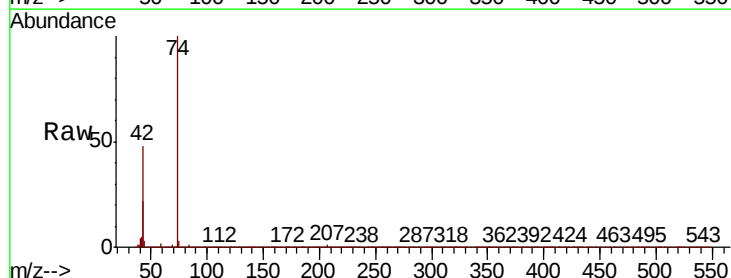
Tgt Ion: 42 Resp: 332279

Ion Ratio Lower Upper

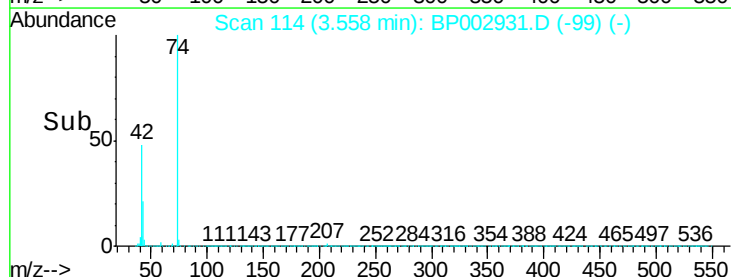
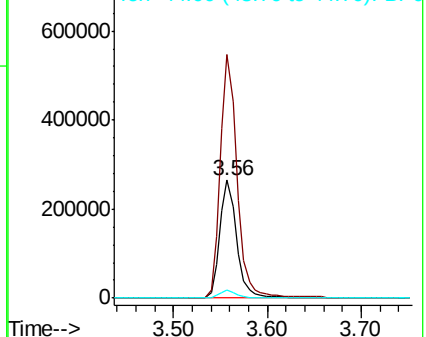
42 100

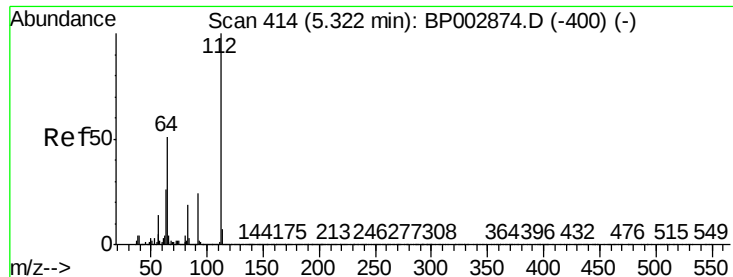
74 206.9 156.1 234.1

44 6.7 6.0 9.0



Abundance Ion 42.00 (41.70 to 42.70): BP0
Ion 74.00 (73.70 to 74.70): BP0
Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 99.187 ng

RT: 5.32 min Scan# 413

Delta R.T. -0.01 min

Lab File: BP002931.D

Acq: 07 Aug 2020 13:40

Instrument :

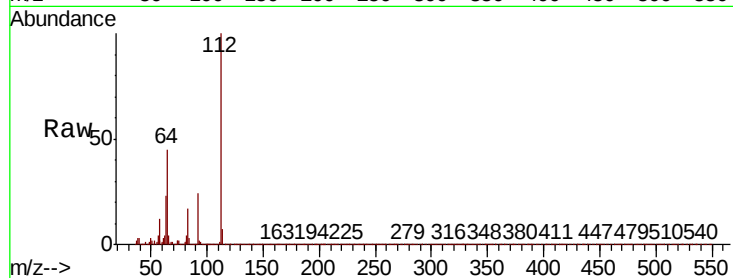
BNA_P

ClientSampleId :

PB130730BS

Tot Ion:112 Resp: 3220825

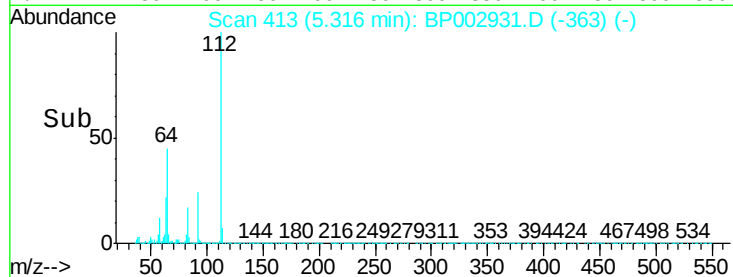
Ion	Ratio	Lower	Upper
112	100		
64	44.9	41.0	61.6
63	22.5	20.7	31.1



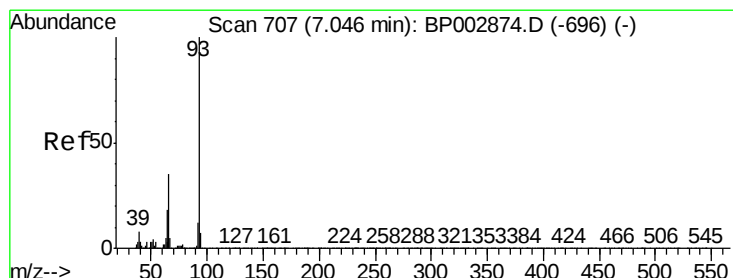
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



Time-->



#6

Aniline

Concen: 34.692 ng

RT: 7.04 min Scan# 706

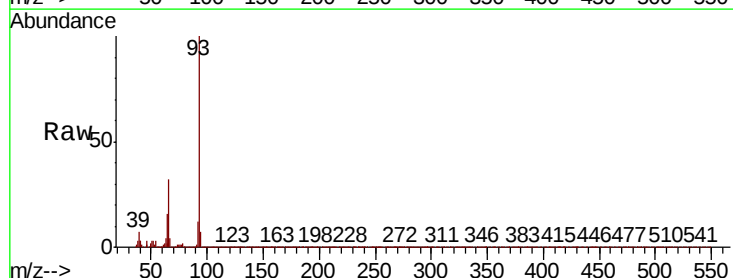
Delta R.T. -0.01 min

Lab File: BP002931.D

Acq: 07 Aug 2020 13:40

Tgt Ion: 93 Resp: 1814589

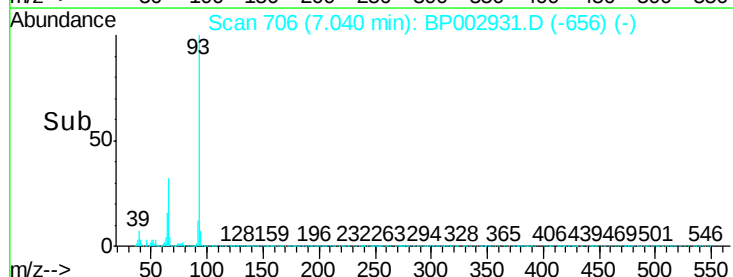
Ion	Ratio	Lower	Upper
93	100		
66	32.2	28.3	42.5
65	16.1	14.6	21.8



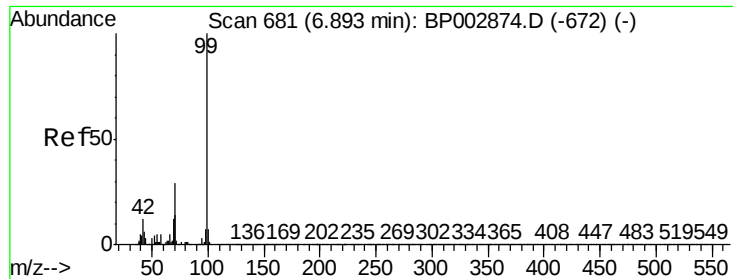
Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0



Time-->



#7

Phenol-d6

Concen: 90.390 ng

RT: 6.89 min Scan# 681

Delta R.T. -0.00 min

Lab File: BP002931.D

Acq: 07 Aug 2020 13:40

Instrument :

BNA_P

ClientSampleId :

PB130730BS

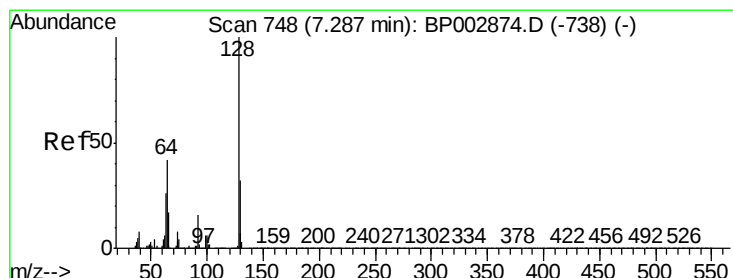
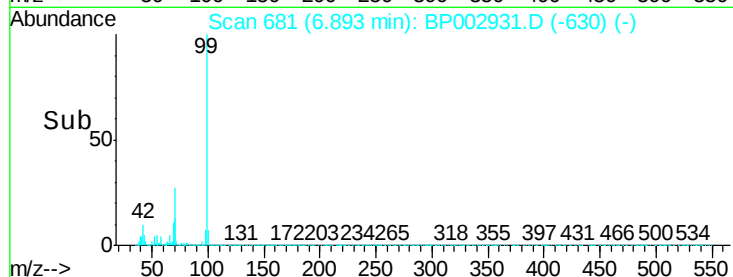
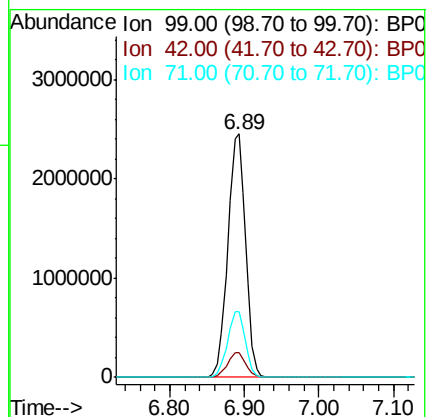
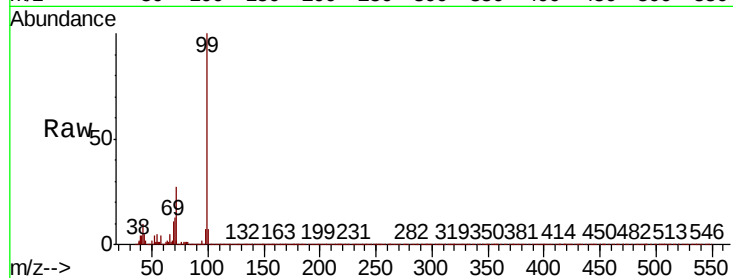
Tot Ion: 99 Resp: 4075102

Ion	Ratio	Lower	Upper
99	100		
42	10.3	9.3	13.9
71	27.2	23.5	35.3

99 100

42 10.3 9.3 13.9

71 27.2 23.5 35.3



#8

2-Chlorophenol

Concen: 39.010 ng

RT: 7.28 min Scan# 747

Delta R.T. -0.01 min

Lab File: BP002931.D

Acq: 07 Aug 2020 13:40

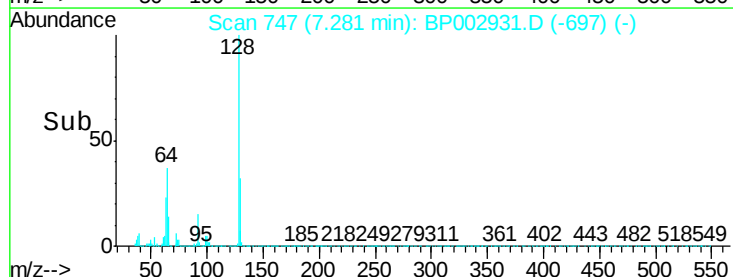
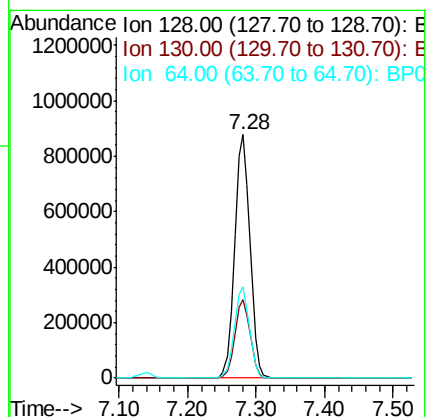
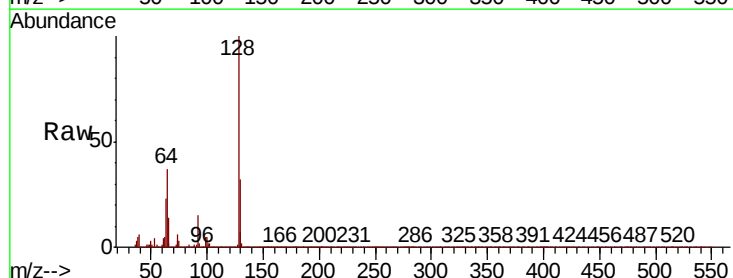
Tgt Ion: 128 Resp: 1350624

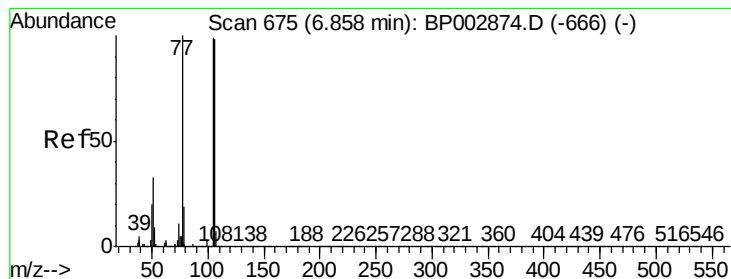
Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.2	52.2
64	37.3	22.4	62.4

128 100

130 32.2 12.2 52.2

64 37.3 22.4 62.4





#9

Benzaldehyde

Concen: 33.748 ng

RT: 6.85 min Scan# 674

Delta R.T. -0.01 min

Lab File: BP002931.D

Acq: 07 Aug 2020 13:40

Instrument :

BNA_P

ClientSampleId :

PB130730BS

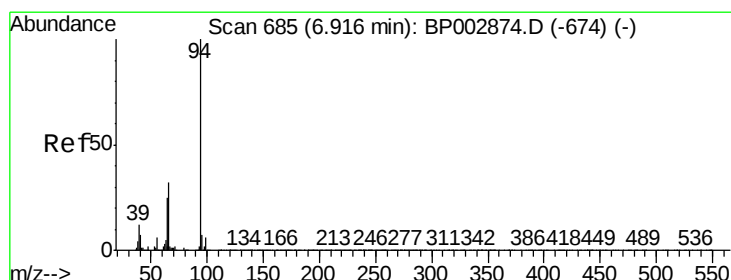
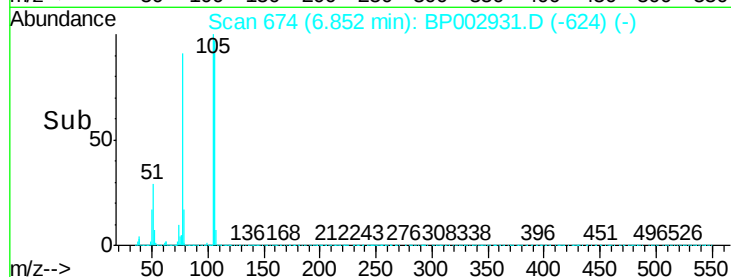
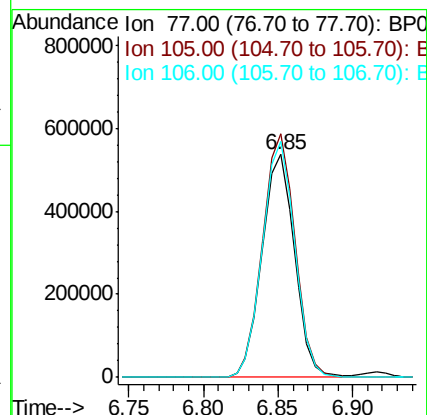
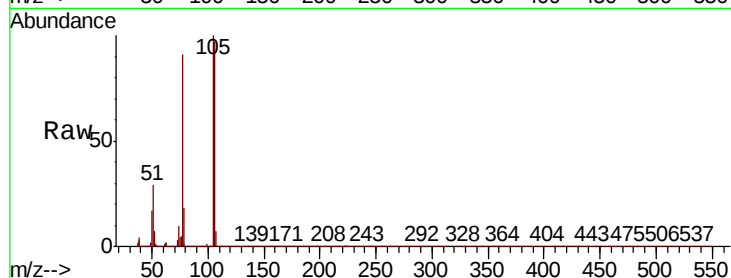
Tot Ion: 77 Resp: 810085

Ion Ratio Lower Upper

77 100

105 109.4 79.0 119.0

106 106.2 77.5 117.5



#10

Phenol

Concen: 36.799 ng

RT: 6.92 min Scan# 685

Delta R.T. -0.00 min

Lab File: BP002931.D

Acq: 07 Aug 2020 13:40

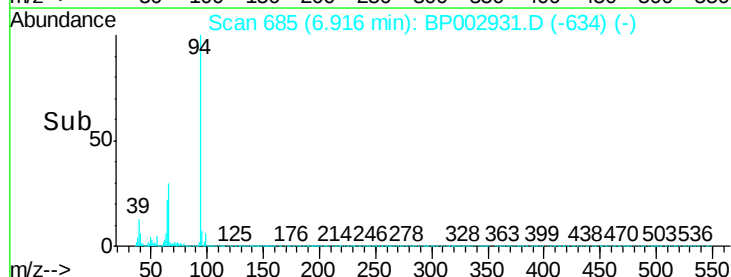
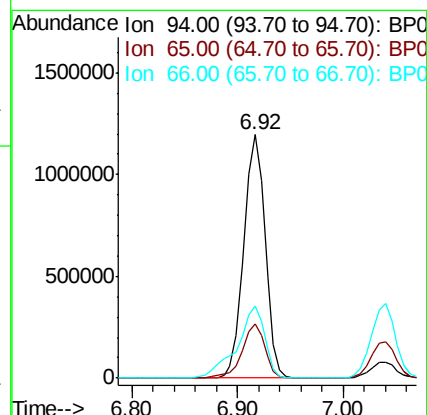
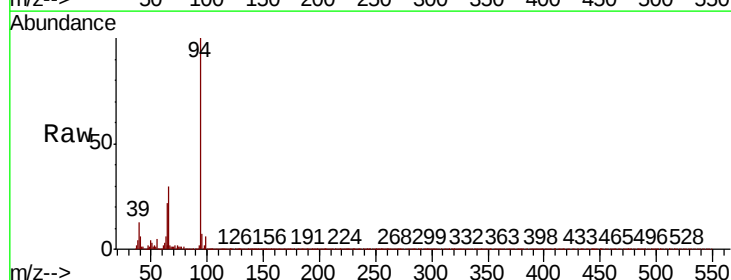
Tgt Ion: 94 Resp: 1670860

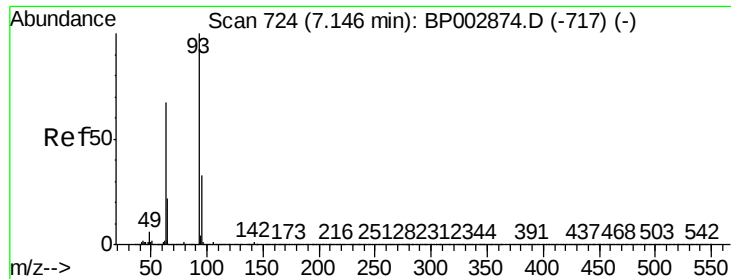
Ion Ratio Lower Upper

94 100

65 22.5 5.4 45.4

66 29.6 11.9 51.9



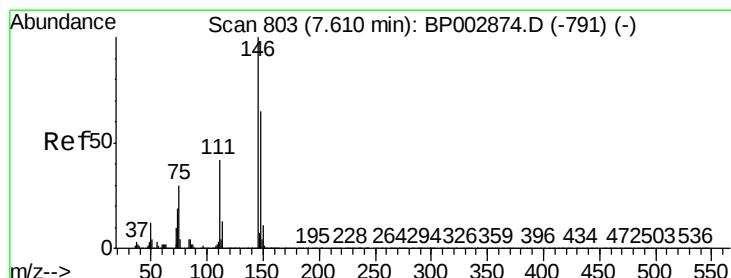
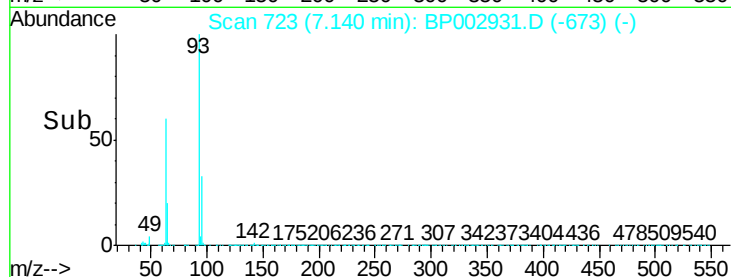
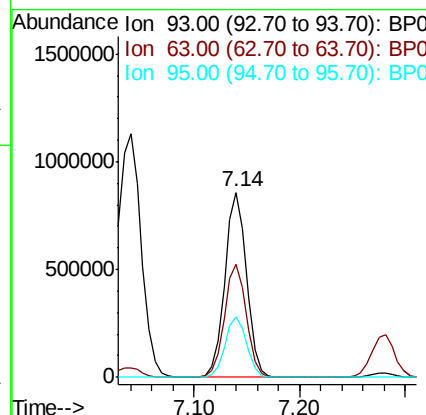
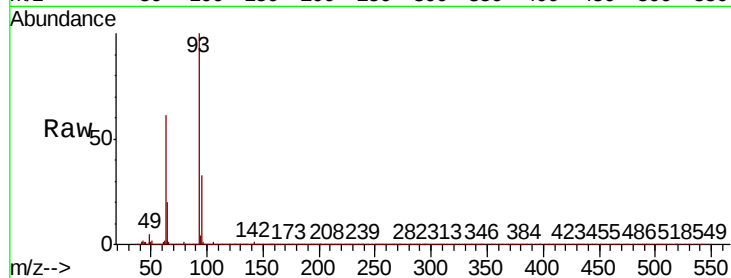


#11
bis(2-Chloroethyl)ether
Concen: 35.068 ng
RT: 7.14 min Scan# 723
Delta R.T. -0.01 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

Instrument :
BNA_P
ClientSampleId :
PB130730BS

Tot Ion: 93 Resp: 1224697

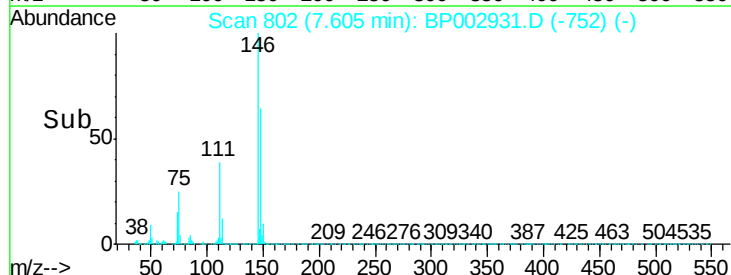
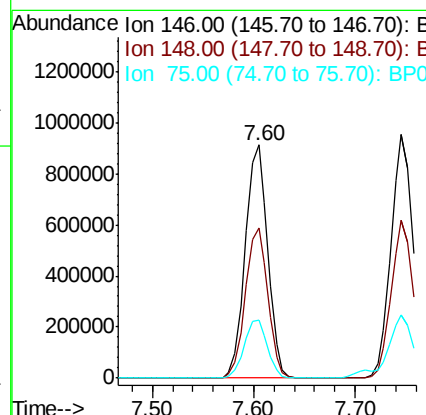
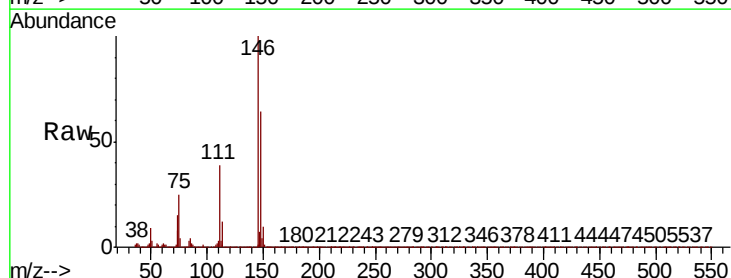
Ion	Ratio	Lower	Upper
93	100		
63	61.4	47.2	87.2
95	32.9	12.6	52.6

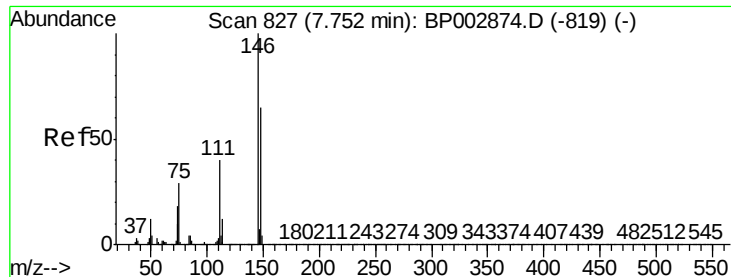


#12
1,3-Dichlorobenzene
Concen: 35.828 ng
RT: 7.60 min Scan# 802
Delta R.T. -0.01 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

Tgt Ion: 146 Resp: 1400068

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.6	77.4
75	24.9	24.4	36.6

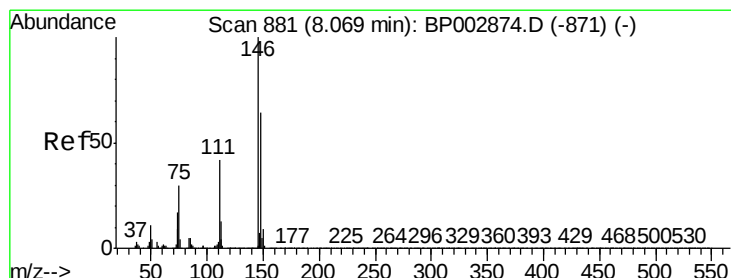
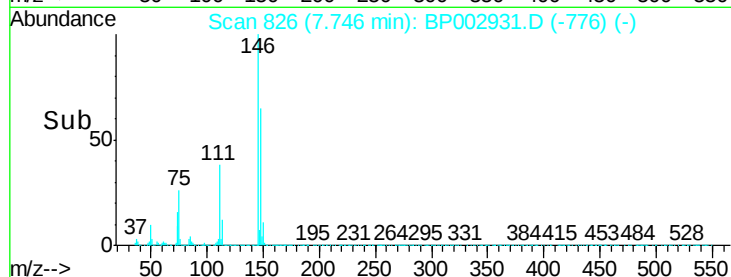
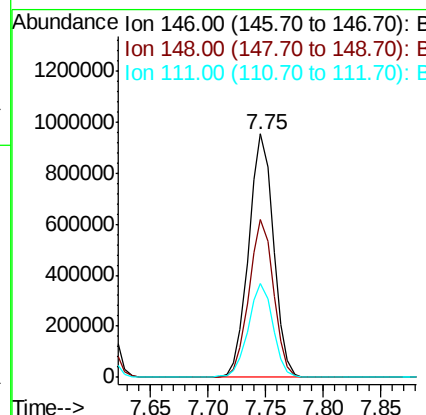
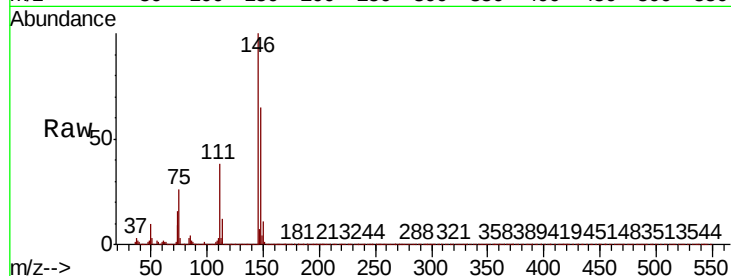




#13
 1,4-Dichlorobenzene
 Concen: 36.089 ng
 RT: 7.75 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BP002931.D
 Acq: 07 Aug 2020 13:40

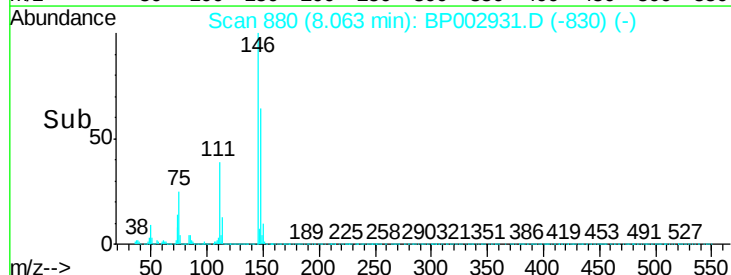
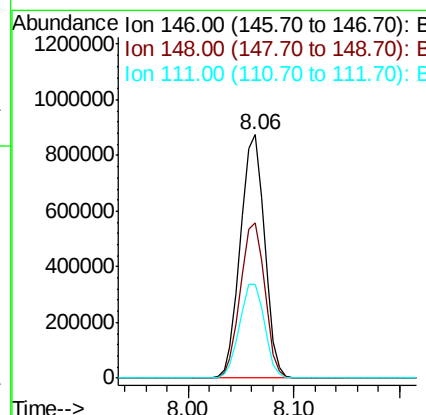
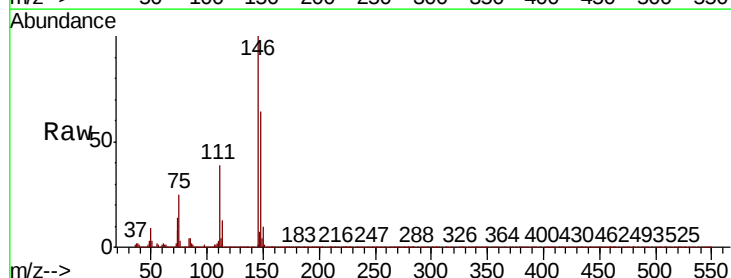
Instrument :
 BNA_P
 ClientSampleId :
 PB130730BS

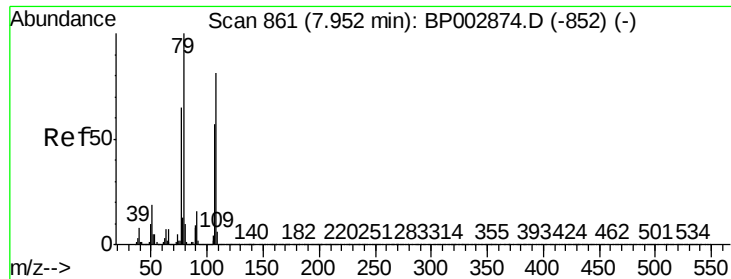
Tot Ion:146 Resp: 1425496
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.8 77.8
 111 38.4 32.2 48.4



#14
 1,2-Dichlorobenzene
 Concen: 36.699 ng
 RT: 8.06 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BP002931.D
 Acq: 07 Aug 2020 13:40

Tgt Ion:146 Resp: 1382404
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.4 77.2
 111 38.8 33.6 50.4

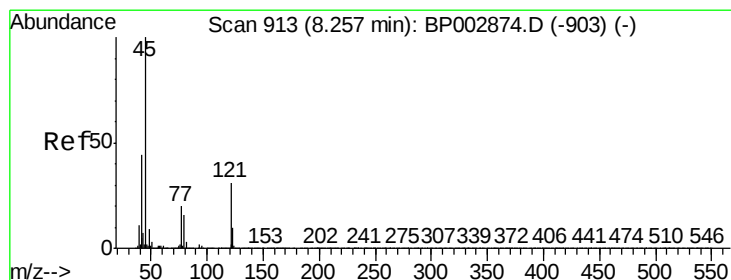
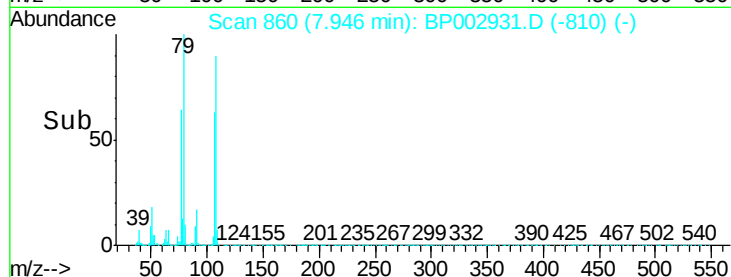
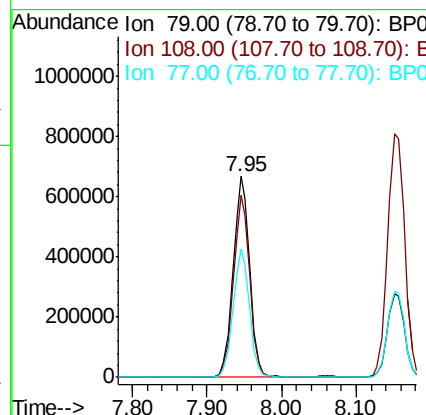
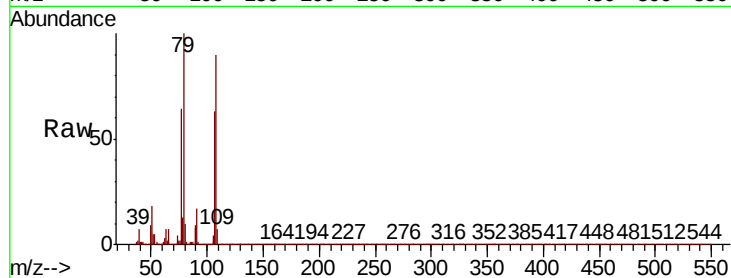




#15
Benzyl Alcohol
Concen: 34.697 ng
RT: 7.95 min Scan# 860
Delta R.T. -0.01 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

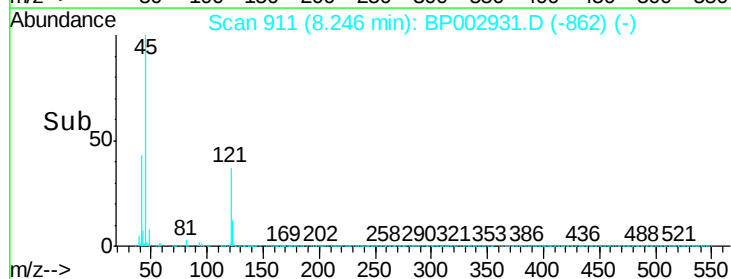
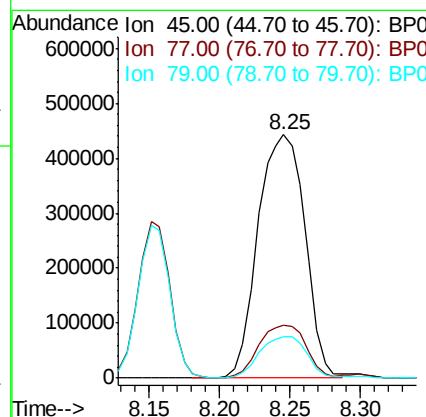
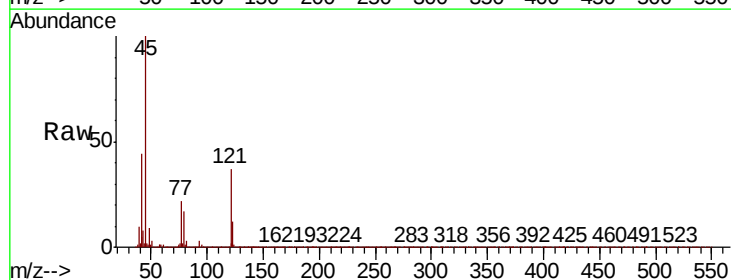
Instrument :
BNA_P
ClientSampleID :
PB130730BS

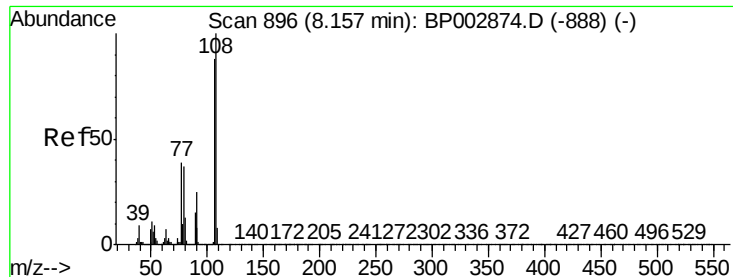
Tot Ion: 79 Resp: 1032114
Ion Ratio Lower Upper
79 100
108 90.3 65.0 97.6
77 63.7 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.440 ng
RT: 8.25 min Scan# 911
Delta R.T. -0.01 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

Tgt Ion: 45 Resp: 1031556
Ion Ratio Lower Upper
45 100
77 21.6 0.4 40.4
79 17.0 0.0 36.2

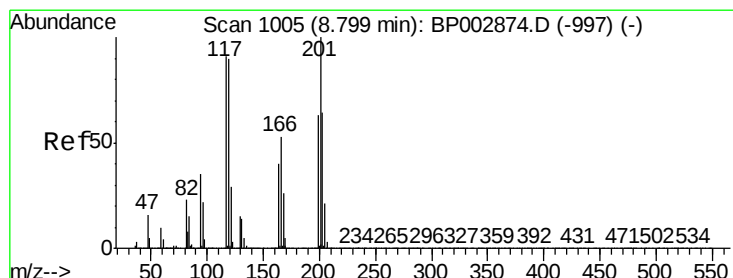
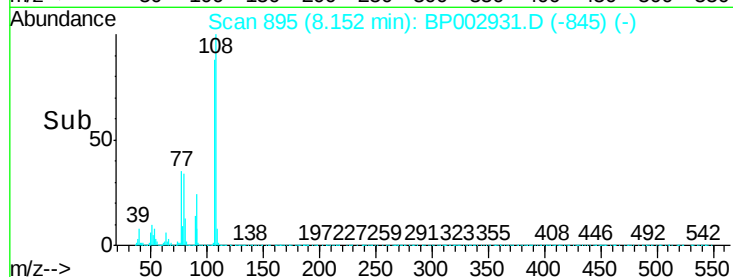
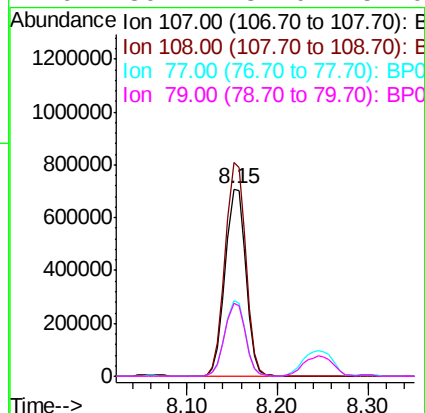
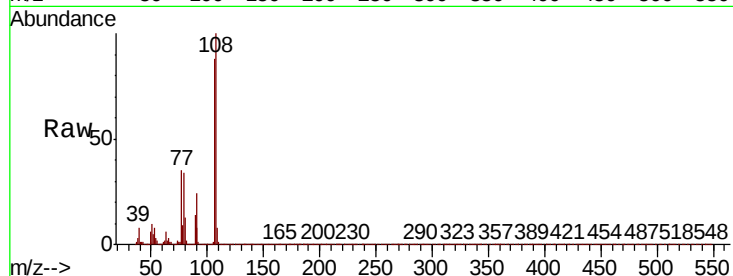




#17
2-Methylphenol
Concen: 38.816 ng
RT: 8.15 min Scan# 895
Delta R.T. -0.01 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

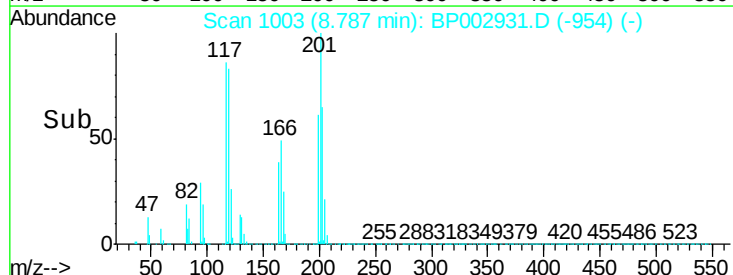
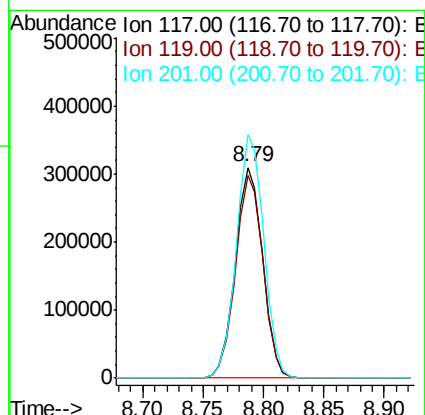
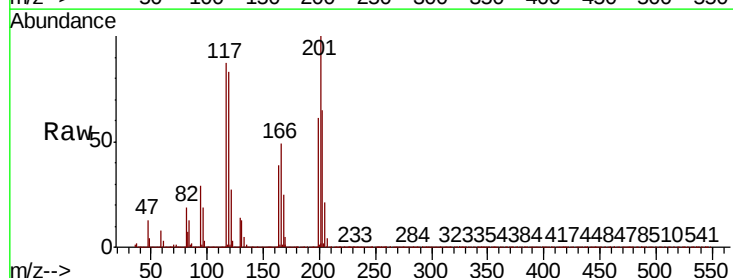
Instrument :
BNA_P
ClientSampleId :
PB130730BS

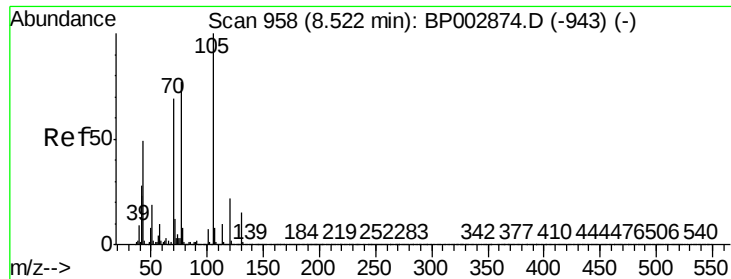
Tot Ion:	107	Resp:	1126222
Ion	Ratio	Lower	Upper
107	100		
108	114.0	90.6	136.0
77	40.2	35.7	53.5
79	39.1	34.0	51.0



#18
Hexachloroethane
Concen: 35.615 ng
RT: 8.79 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

Tgt Ion:	117	Resp:	490678
Ion	Ratio	Lower	Upper
117	100		
119	96.1	79.1	118.7
201	115.6	87.6	131.4

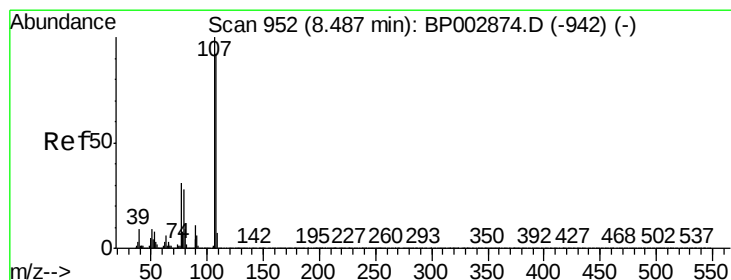
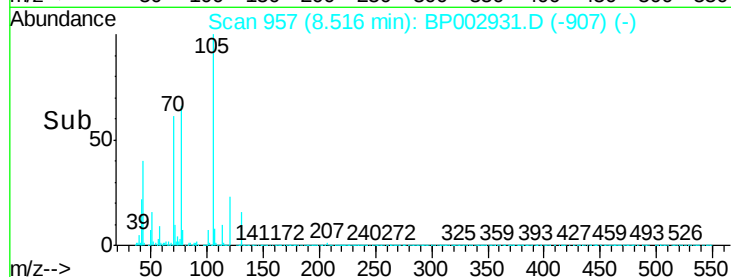
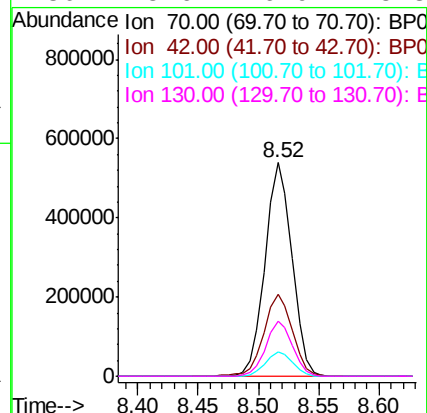
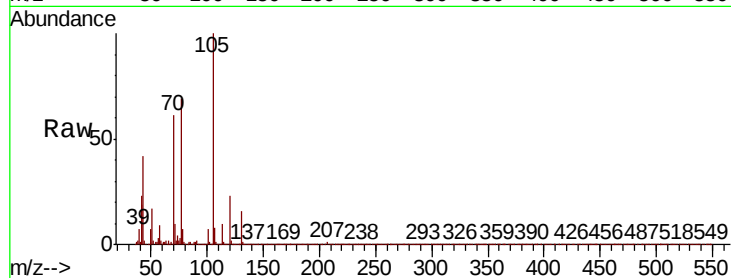




#19
n-Nitroso-di-n-propylamine
Concen: 32.079 ng
RT: 8.52 min Scan# 957
Delta R.T. -0.01 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

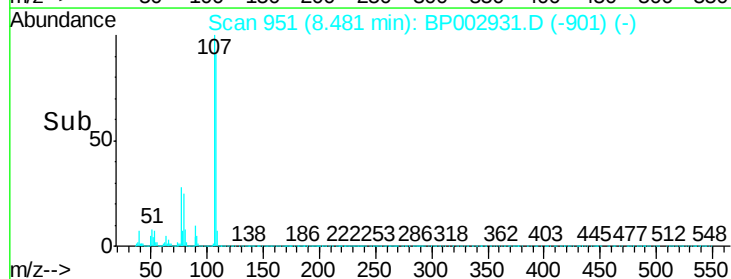
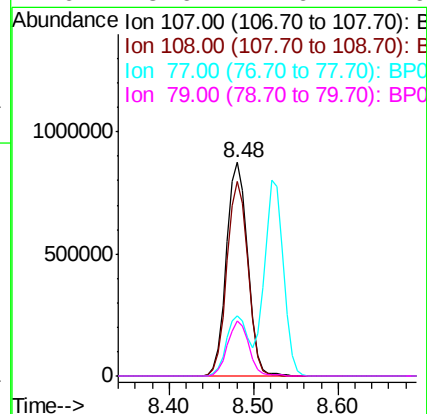
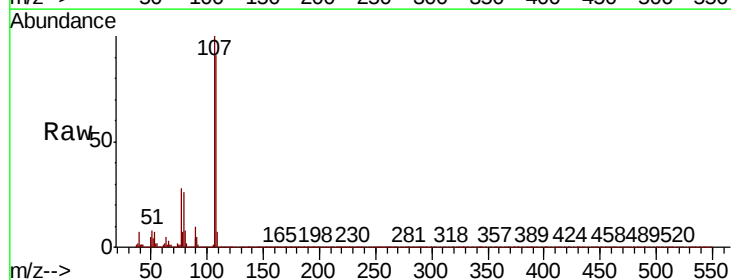
Instrument :
BNA_P
ClientSampleId :
PB130730BS

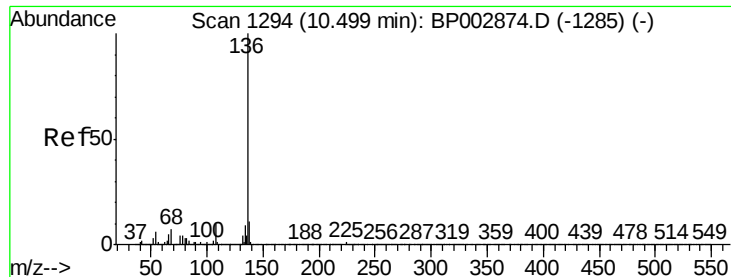
Tot Ion:	70	Resp:	833322
Ion	Ratio	Lower	Upper
70	100		
42	38.4	32.6	49.0
101	11.5	8.0	12.0
130	25.6	16.9	25.3#



#20
3+4-Methylphenols
Concen: 38.901 ng
RT: 8.48 min Scan# 951
Delta R.T. -0.01 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

Tgt Ion:	107	Resp:	1521165
Ion	Ratio	Lower	Upper
107	100		
108	91.3	72.2	112.2
77	28.3	11.5	51.5
79	25.6	7.6	47.6

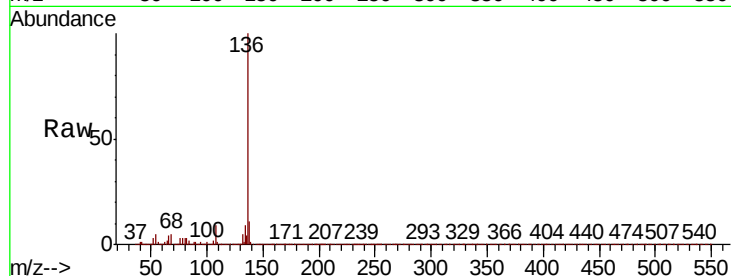




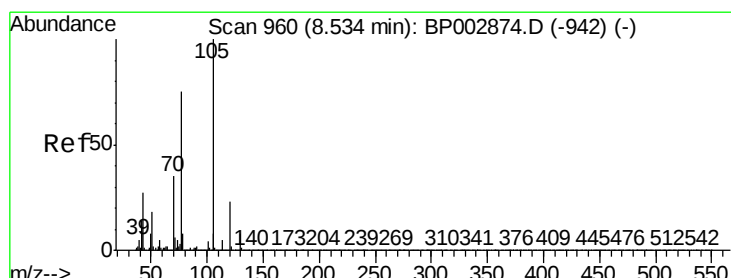
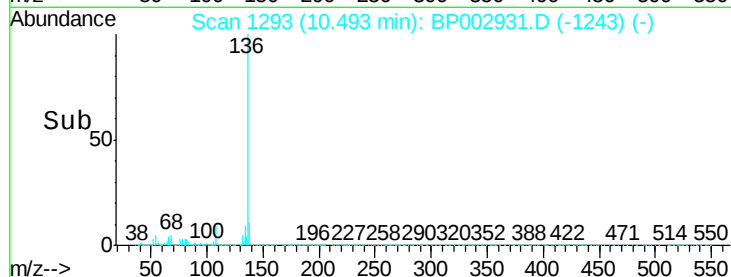
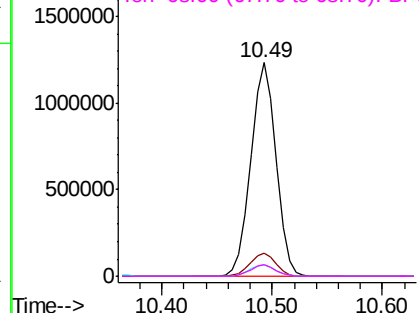
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.49 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

Instrument :
BNA_P
ClientSampleId :
PB130730BS

Tot Ion:136	Resp: 1977074
Ion Ratio	Lower Upper
136 100	
137 11.1	8.6 13.0
54 5.3	5.1 7.7
68 5.5	5.3 7.9

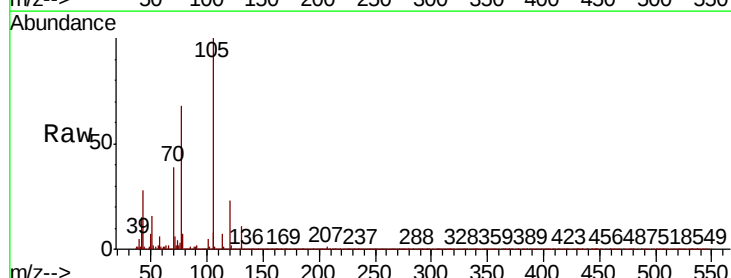


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

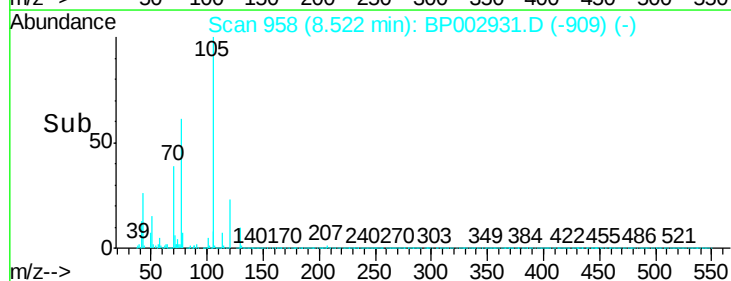
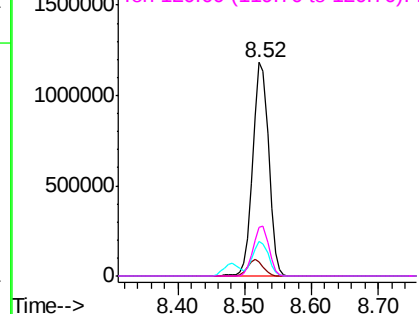


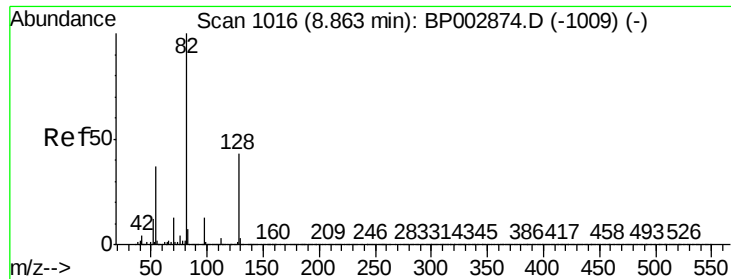
#22
Acetophenone
Concen: 34.065 ng
RT: 8.52 min Scan# 958
Delta R.T. -0.01 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

Tgt	Ion:105	Resp:	1900236
Ion	Ratio	Lower	Upper
105	100		
71	6.5	4.7	7.1
51	16.1	14.1	21.1
120	23.0	18.3	27.5



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BP0
Ion 51.00 (50.70 to 51.70): BP0
Ion 120.00 (119.70 to 120.70): E

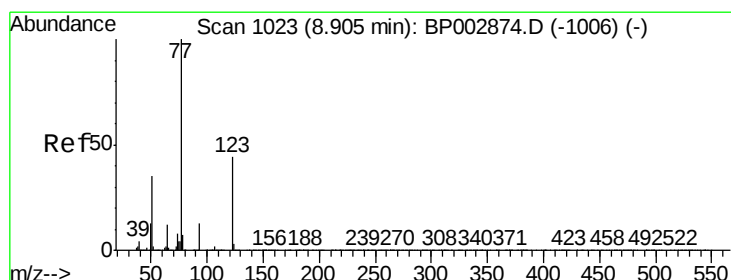
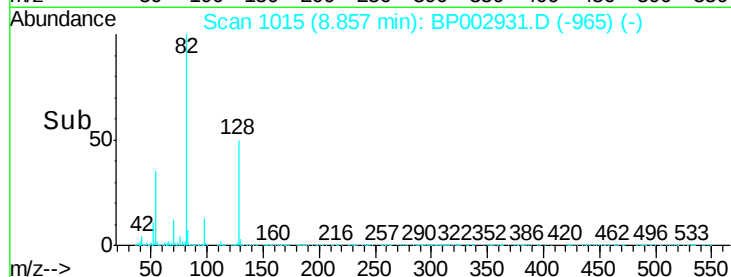
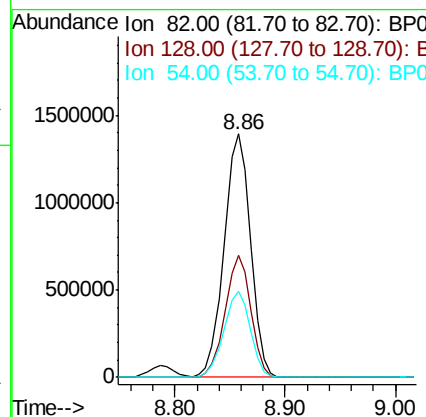
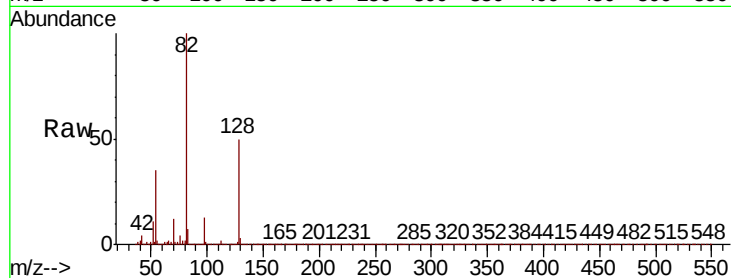




#23
Nitrobenzene-d5
Concen: 63.796 ng
RT: 8.86 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

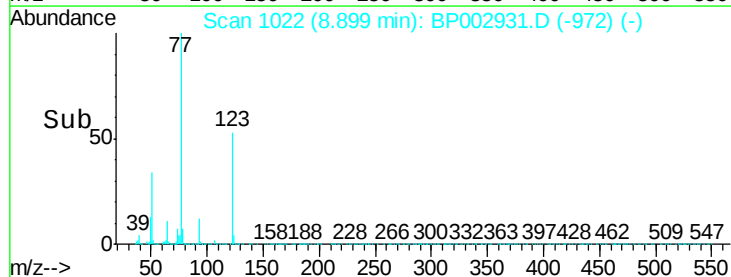
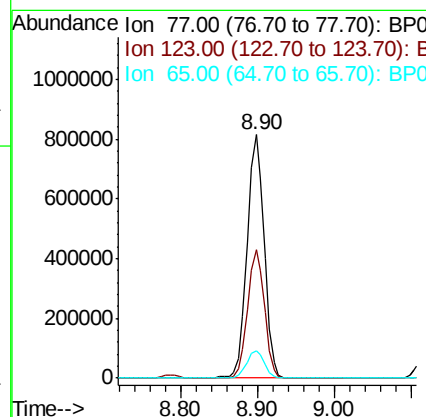
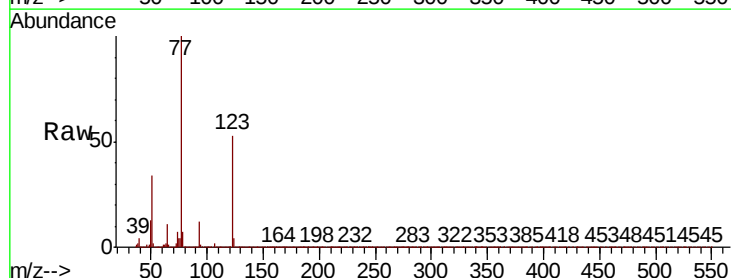
Instrument :
BNA_P
ClientSampleId :
PB130730BS

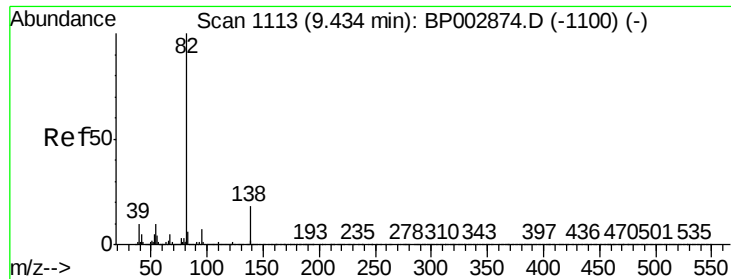
Tot Ion: 82 Resp: 2328726
Ion Ratio Lower Upper
82 100
128 49.9 34.6 52.0
54 35.5 29.5 44.3



#24
Nitrobenzene
Concen: 31.988 ng
RT: 8.90 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

Tgt Ion: 77 Resp: 1267668
Ion Ratio Lower Upper
77 100
123 52.6 36.2 54.2
65 11.4 9.6 14.4





#25

Isophorone

Concen: 31.627 ng

RT: 9.43 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BP002931.D

Acq: 07 Aug 2020 13:40

Instrument :

BNA_P

ClientSampleId :

PB130730BS

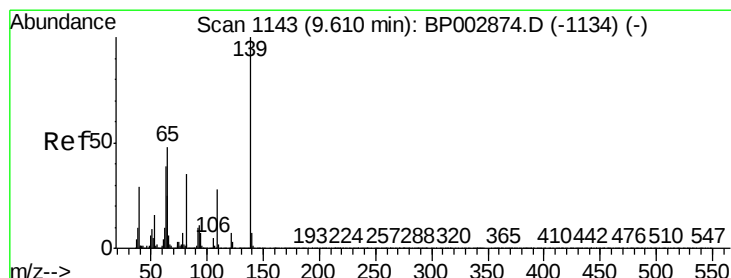
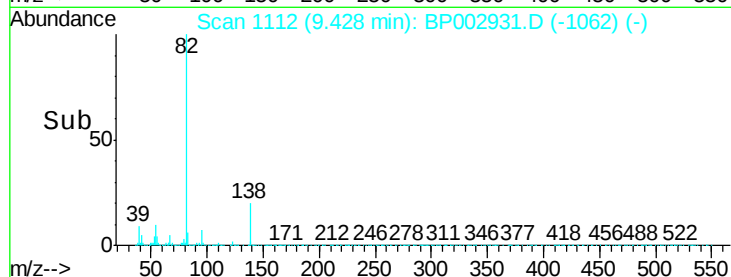
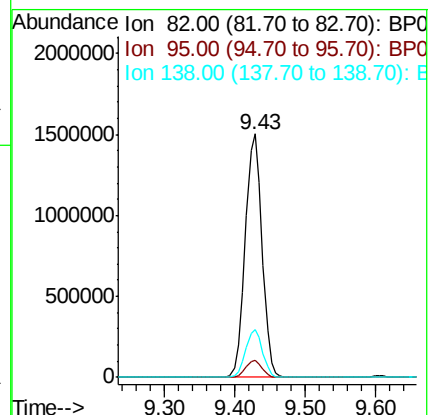
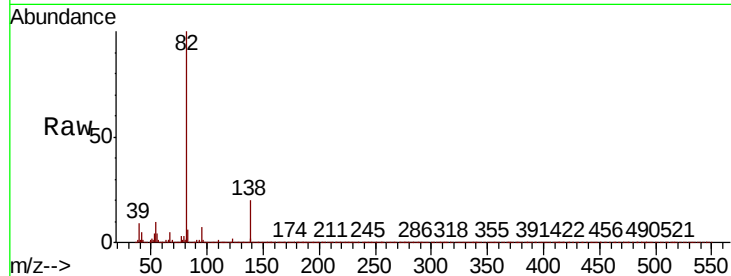
Tot Ion: 82 Resp: 2480188

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

138 19.8 14.2 21.2



#26

2-Nitrophenol

Concen: 41.002 ng

RT: 9.60 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BP002931.D

Acq: 07 Aug 2020 13:40

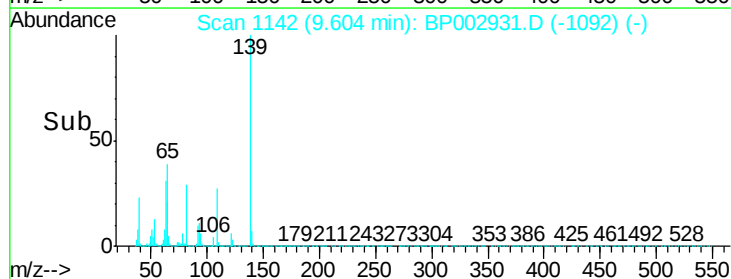
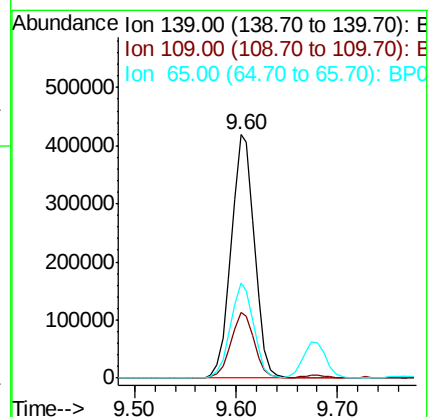
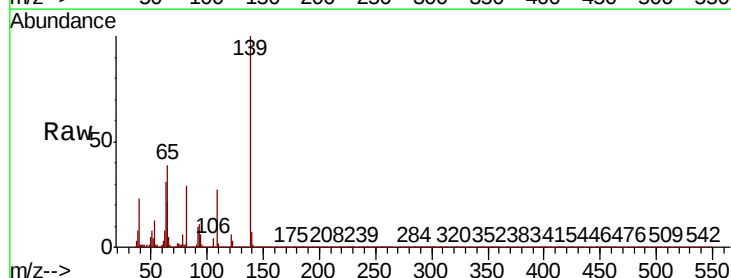
Tgt Ion: 139 Resp: 666199

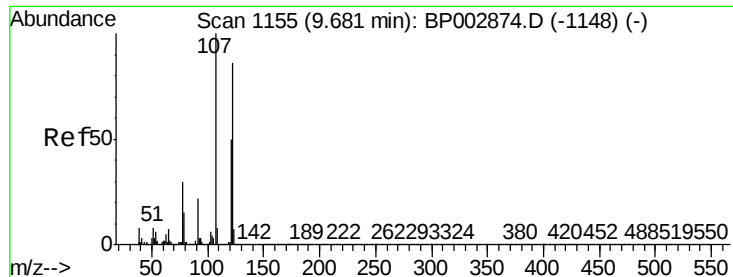
Ion Ratio Lower Upper

139 100

109 26.9 22.2 33.2

65 39.0 38.9 58.3

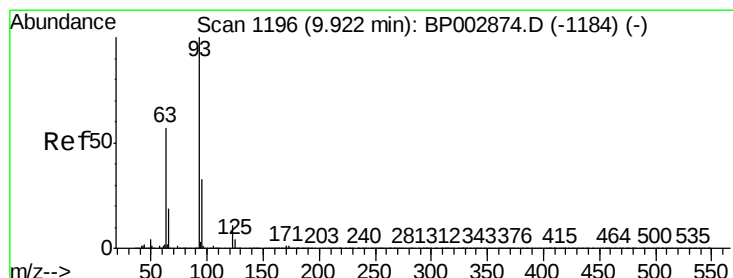
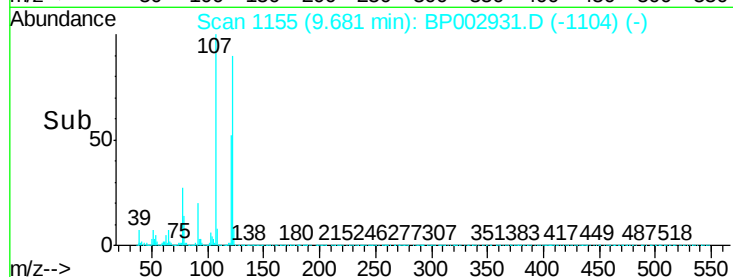
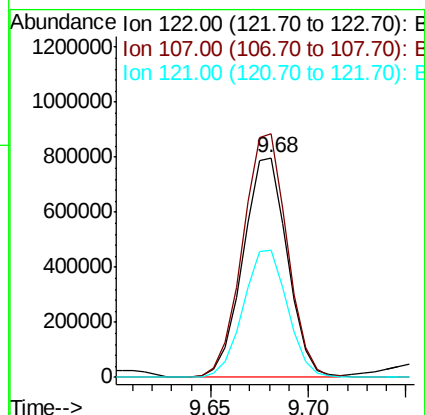
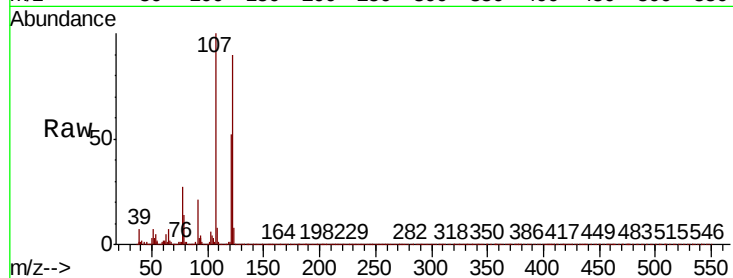




#27
2,4-Dimethylphenol
Concen: 40.127 ng
RT: 9.68 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

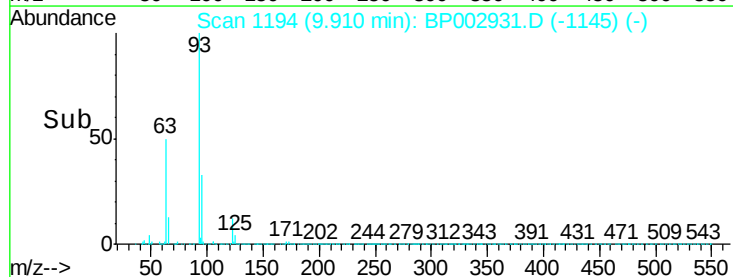
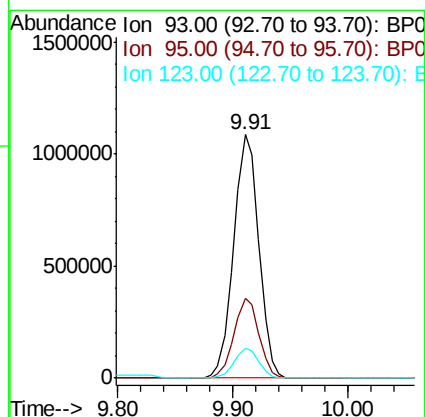
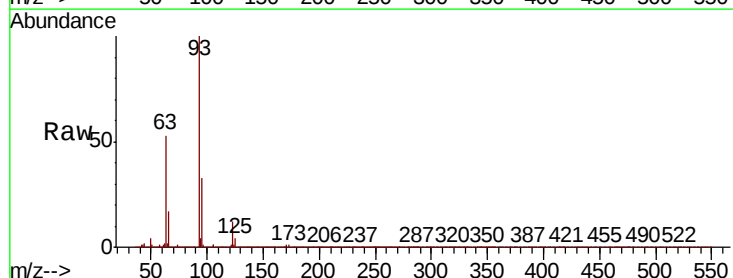
Instrument :
BNA_P
ClientSampleId :
PB130730BS

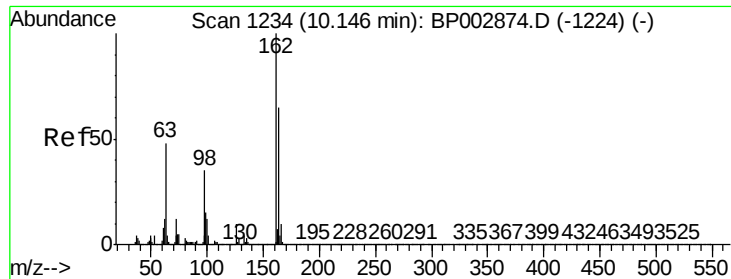
Tot Ion:122 Resp: 1253131
Ion Ratio Lower Upper
122 100
107 110.9 93.2 139.8
121 57.7 46.4 69.6



#28
bis(2-Chloroethoxy)methane
Concen: 37.348 ng
RT: 9.91 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

Tgt Ion: 93 Resp: 1634011
Ion Ratio Lower Upper
93 100
95 32.6 26.4 39.6
123 12.2 9.1 13.7

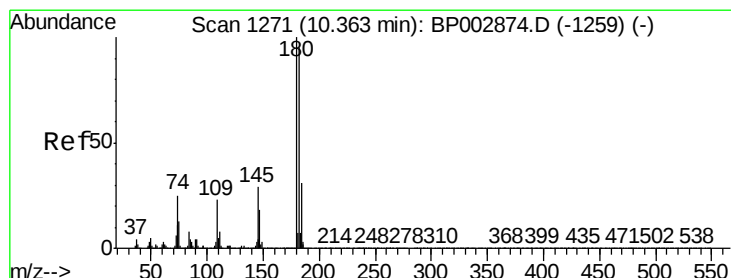
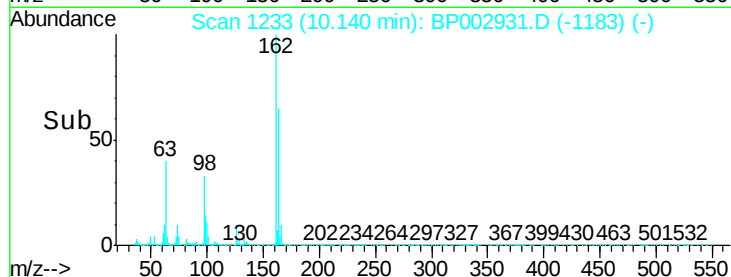
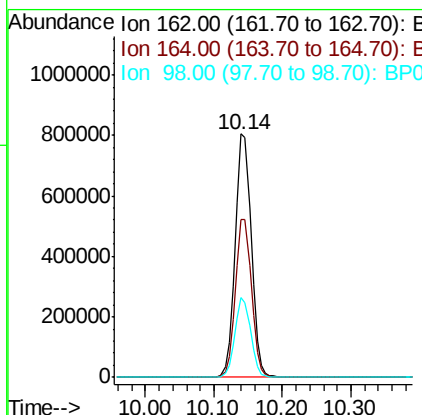
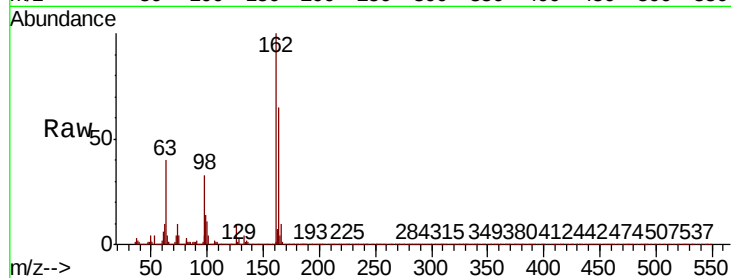




#29
2,4-Dichlorophenol
Concen: 39.830 ng
RT: 10.14 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

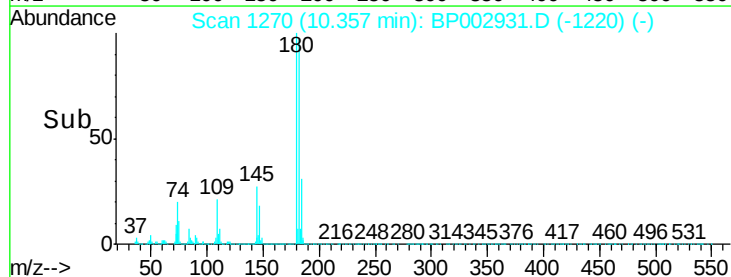
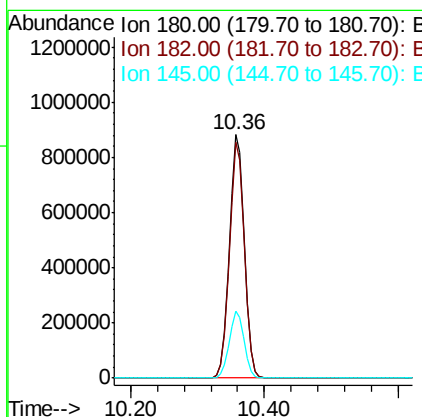
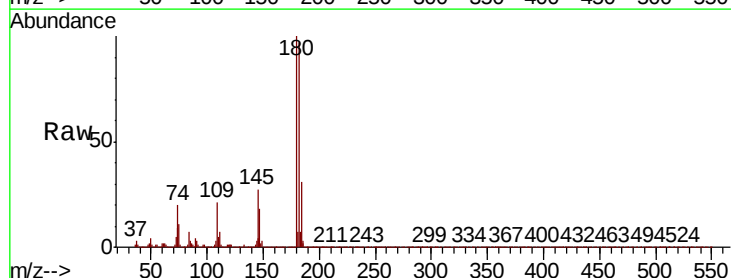
Instrument :
BNA_P
ClientSampleId :
PB130730BS

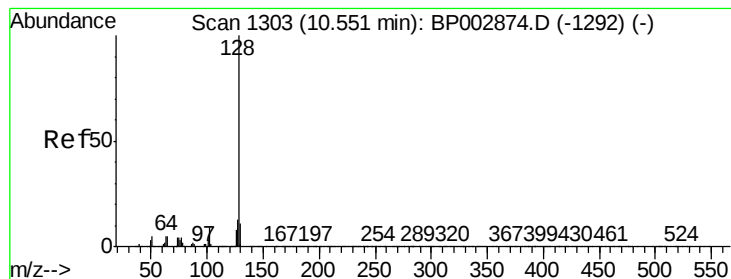
Tot Ion:162 Resp: 1309137
Ion Ratio Lower Upper
162 100
164 64.8 44.5 84.5
98 33.0 15.3 55.3



#30
1,2,4-Trichlorobenzene
Concen: 36.245 ng
RT: 10.36 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

Tgt Ion:180 Resp: 1392606
Ion Ratio Lower Upper
180 100
182 96.7 76.0 114.0
145 27.3 22.8 34.2





#31

Naphthalene

Concen: 34.651 ng

RT: 10.54 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BP002931.D

Acq: 07 Aug 2020 13:40

Instrument :

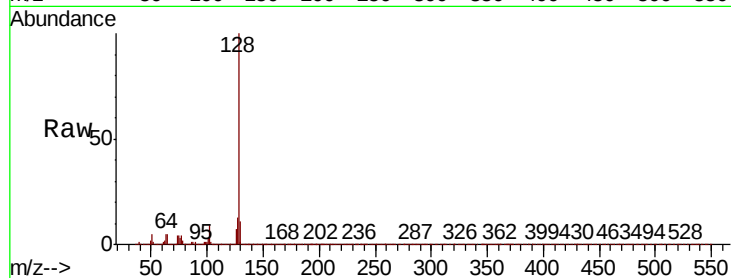
BNA_P

ClientSampleId :

PB130730BS

Tot Ion:128 Resp: 3921677

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.9	13.3
127	13.0	10.6	16.0

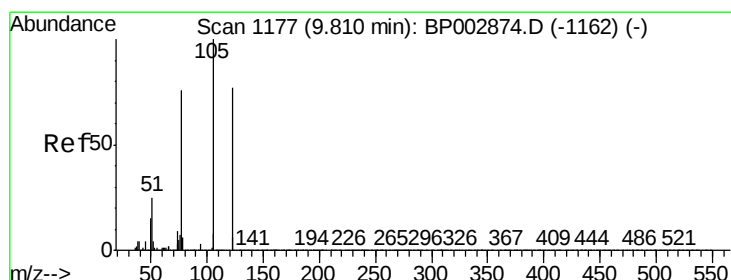
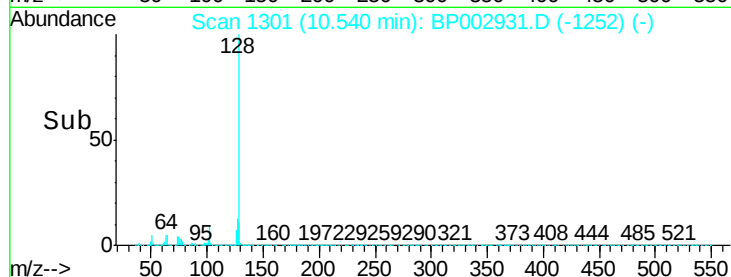
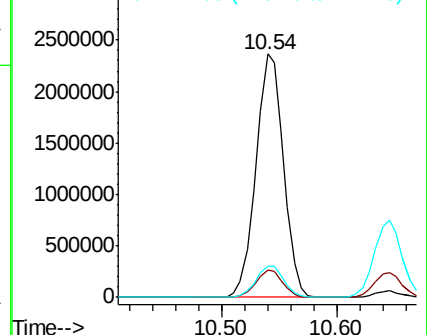


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.548 ng

RT: 9.82 min Scan# 1179

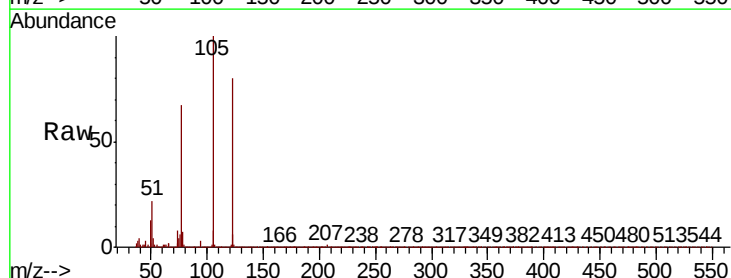
Delta R.T. 0.01 min

Lab File: BP002931.D

Acq: 07 Aug 2020 13:40

Tgt Ion:122 Resp: 740507

Ion	Ratio	Lower	Upper
122	100		
105	124.3	103.4	143.4
77	82.8	74.6	114.6

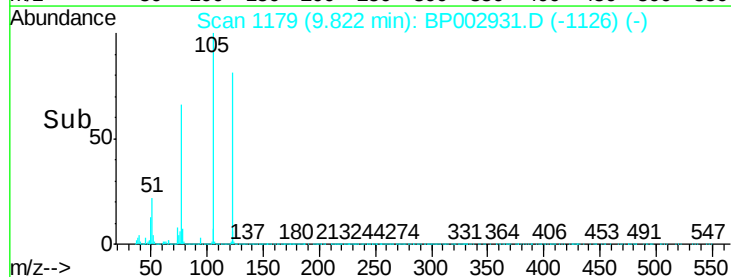
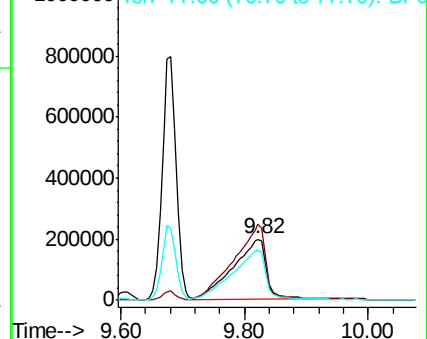


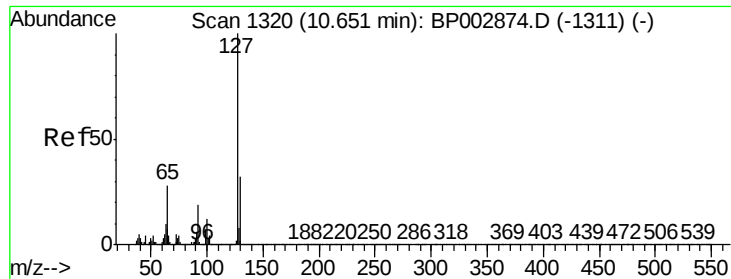
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BP0

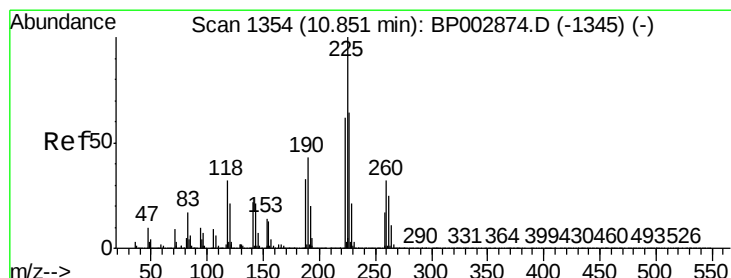
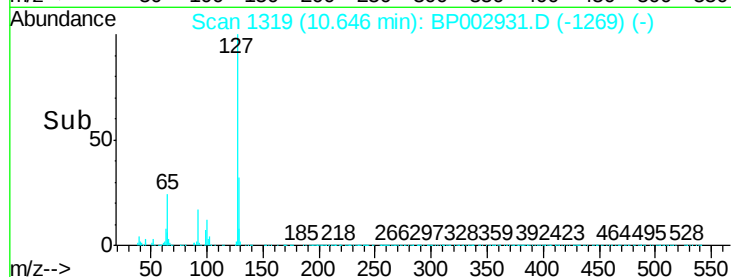
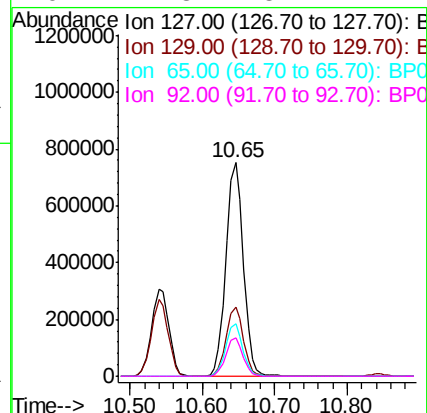
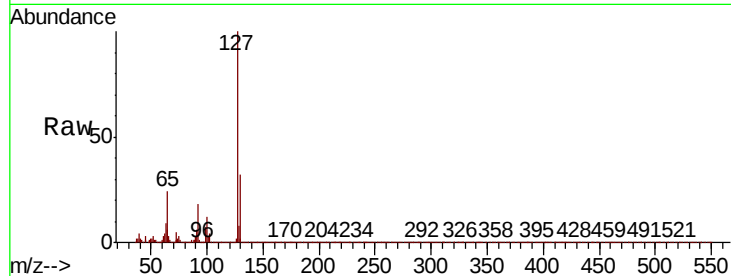




#33
4-Chloroaniline
Concen: 26.877 ng
RT: 10.65 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

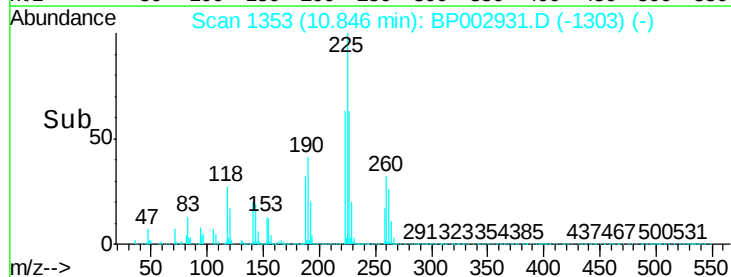
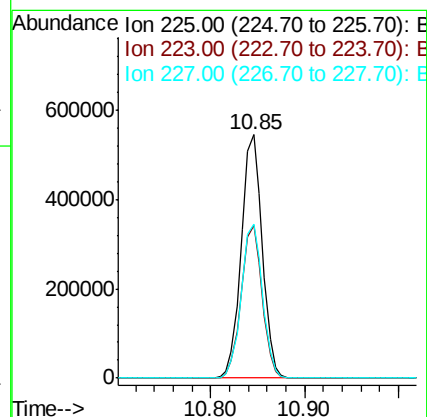
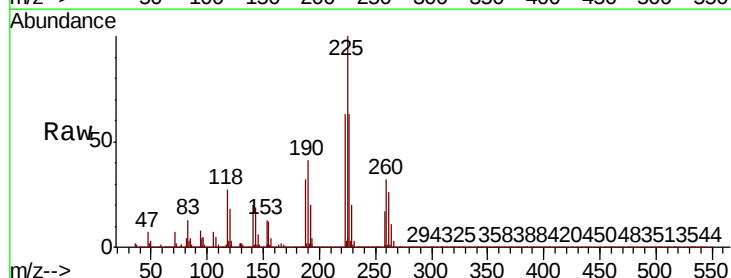
Instrument :
BNA_P
ClientSampleId :
PB130730BS

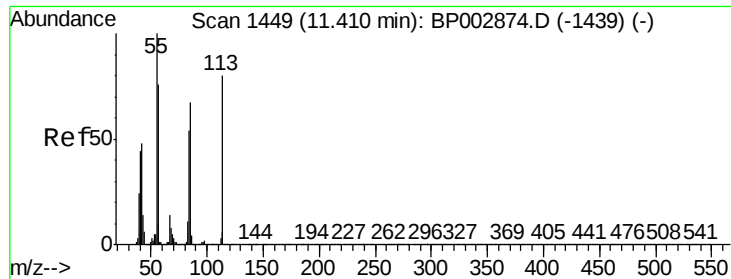
Tot Ion:	127	Resp:	1260635
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.6	38.4
65	24.4	22.2	33.2
92	17.8	15.1	22.7



#34
Hexachlorobutadiene
Concen: 35.812 ng
RT: 10.85 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

Tgt Ion:	225	Resp:	842022
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.7	74.5
227	63.4	50.8	76.2

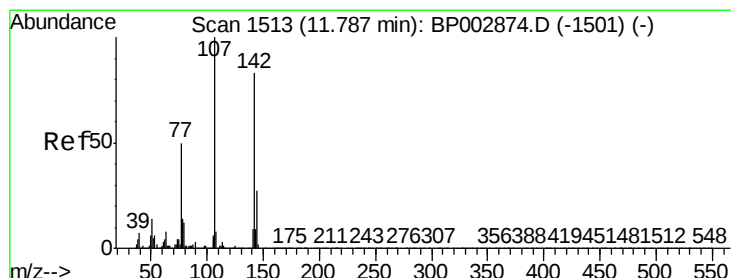
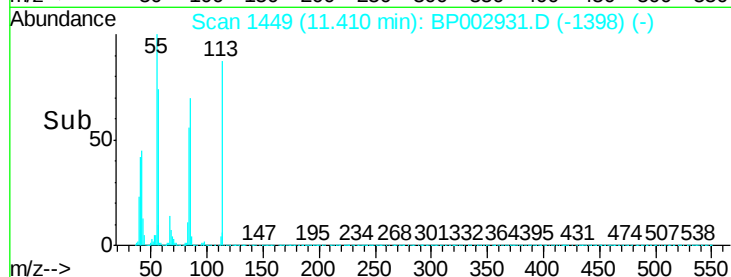
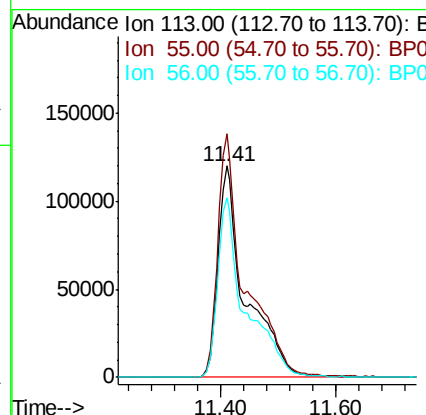
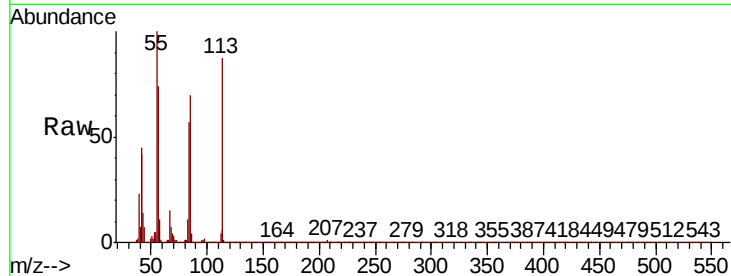




#35
 Caprolactam
 Concen: 38.990 ng
 RT: 11.41 min Scan# 1449
 Delta R.T. -0.00 min
 Lab File: BP002931.D
 Acq: 07 Aug 2020 13:40

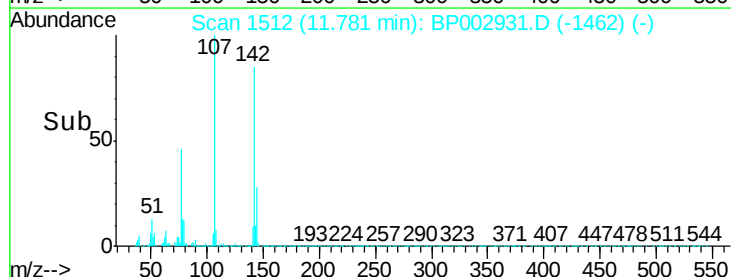
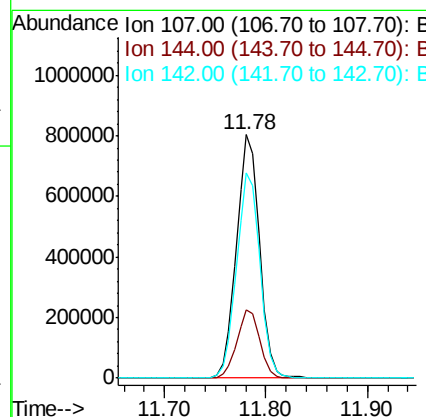
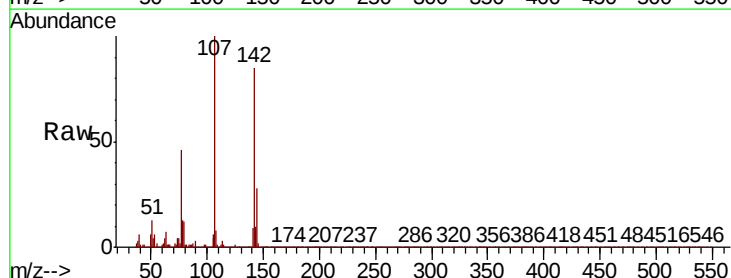
Instrument :
 BNA_P
 ClientSampleId :
 PB130730BS

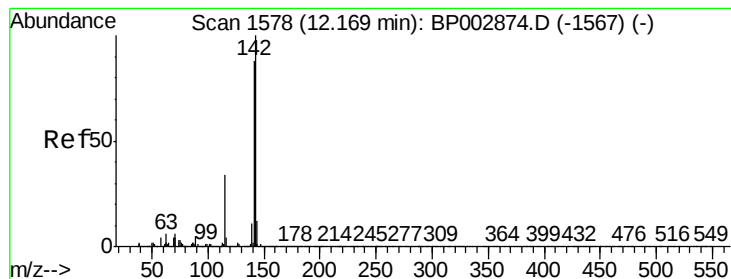
Tot Ion:113 Resp: 396525
 Ion Ratio Lower Upper
 113 100
 55 115.1 105.6 145.6
 56 85.2 74.8 114.8



#36
 4-Chloro-3-methylphenol
 Concen: 37.106 ng
 RT: 11.78 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: BP002931.D
 Acq: 07 Aug 2020 13:40

Tgt Ion:107 Resp: 1267763
 Ion Ratio Lower Upper
 107 100
 144 28.1 21.8 32.6
 142 84.5 66.3 99.5





#37

2-Methylnaphthalene

Concen: 36.059 ng

RT: 12.16 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BP002931.D

Acq: 07 Aug 2020 13:40

Instrument :

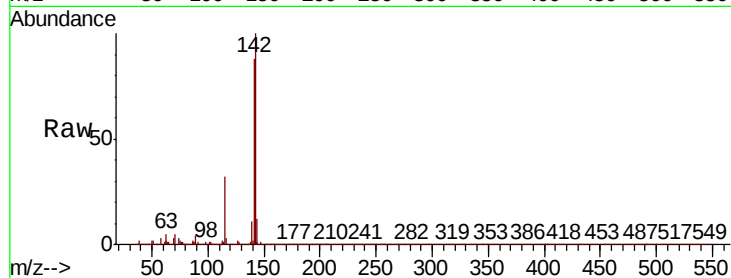
BNA_P

ClientSampleId :

PB130730BS

Tot Ion:142 Resp: 2902923

Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.1	105.1
115	32.0	26.8	40.2

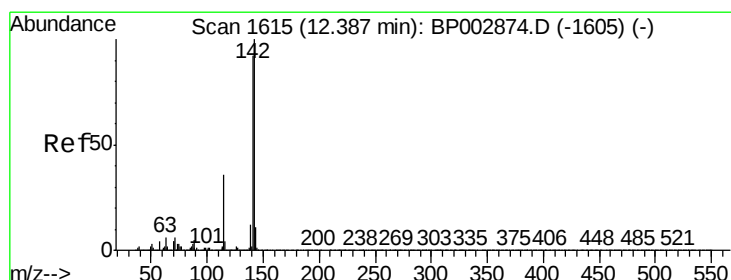
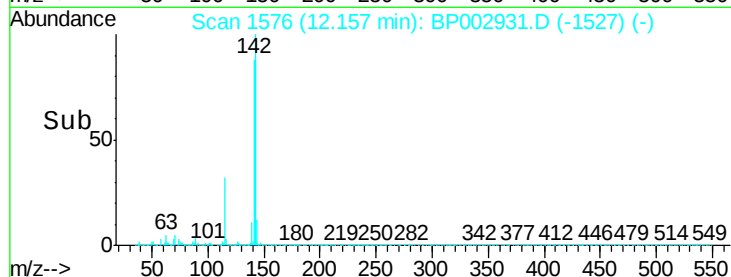
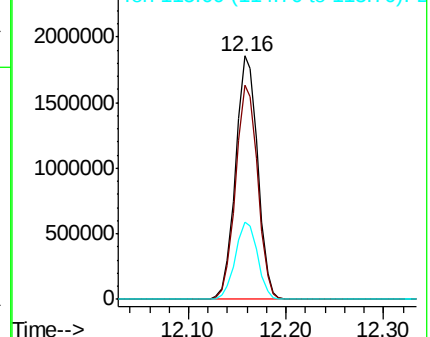


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 36.047 ng

RT: 12.38 min Scan# 1614

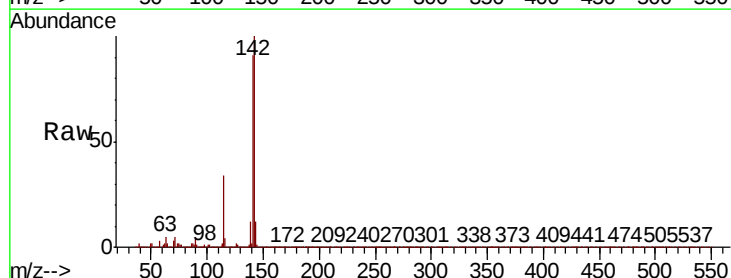
Delta R.T. -0.01 min

Lab File: BP002931.D

Acq: 07 Aug 2020 13:40

Tgt Ion:142 Resp: 2731794

Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.6	110.4
116	3.5	3.1	4.7

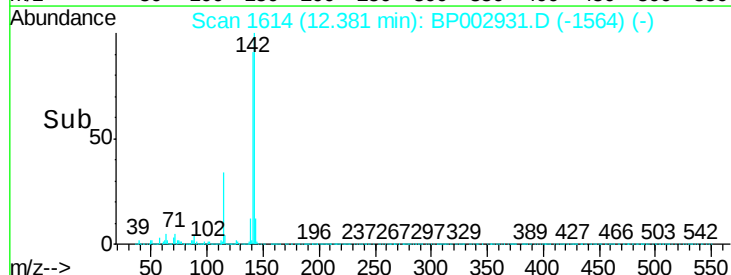
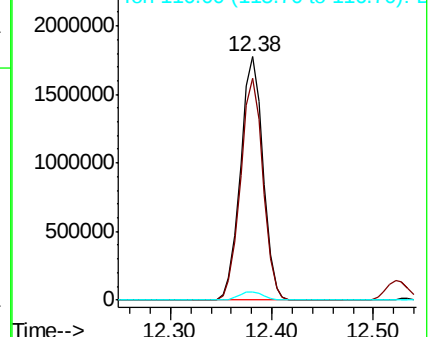


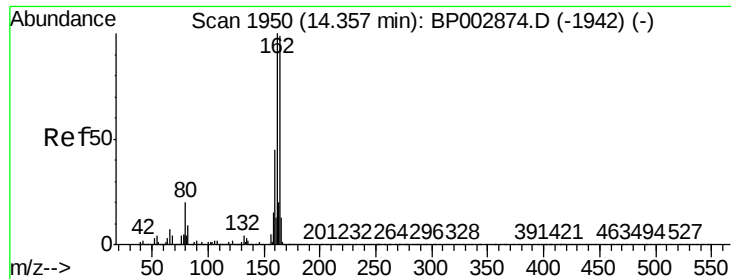
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.35 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BP002931.D

Acq: 07 Aug 2020 13:40

Instrument :

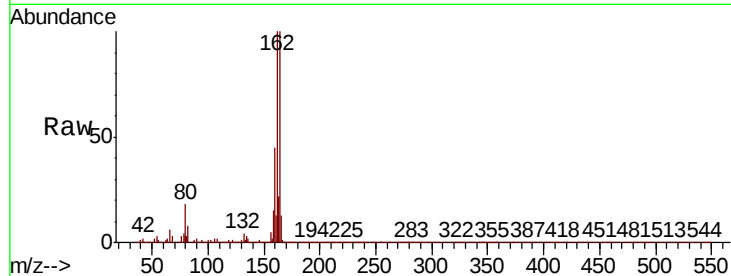
BNA_P

ClientSampleId :

PB130730BS

Tot Ion:164 Resp: 1193315

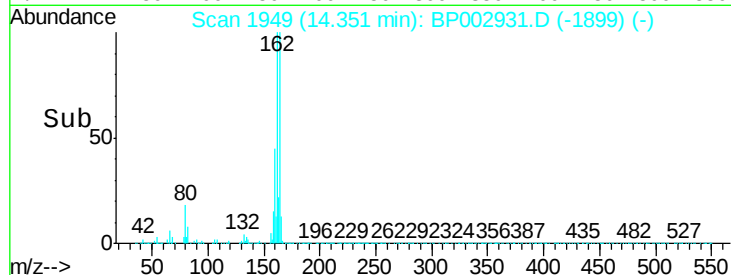
Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.0	121.6
160	45.0	36.2	54.4



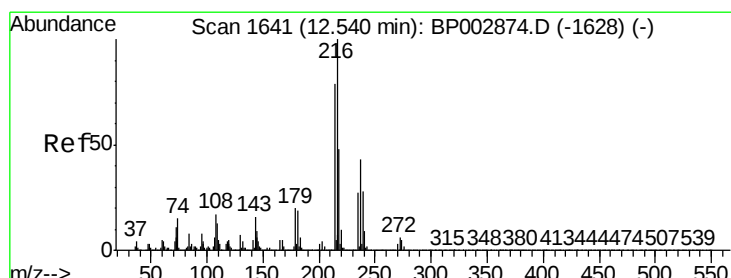
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.873 ng

RT: 12.53 min Scan# 1640

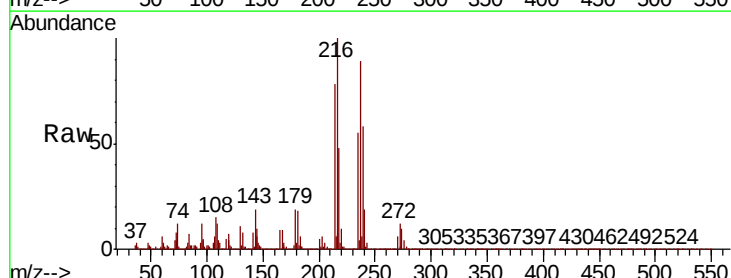
Delta R.T. -0.01 min

Lab File: BP002931.D

Acq: 07 Aug 2020 13:40

Tgt Ion:216 Resp: 1582006

Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.5	93.7
179	19.1	15.8	23.6
108	17.3	13.9	20.9

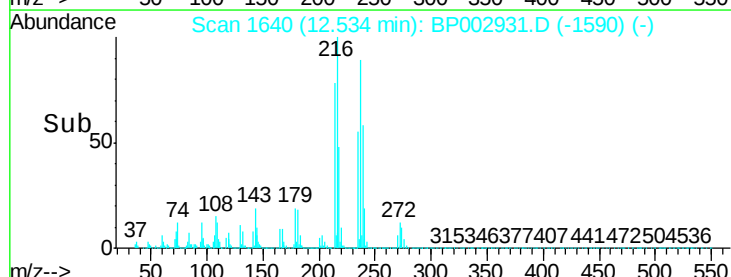


Abundance Ion 216.00 (215.70 to 216.70): E

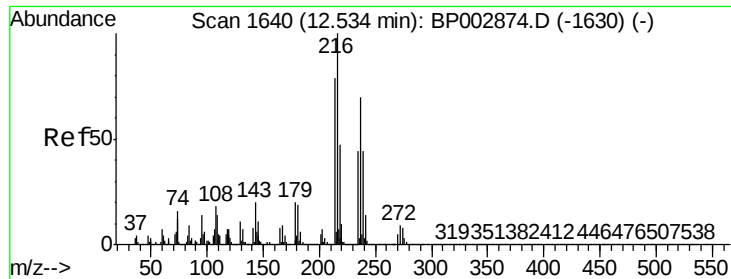
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



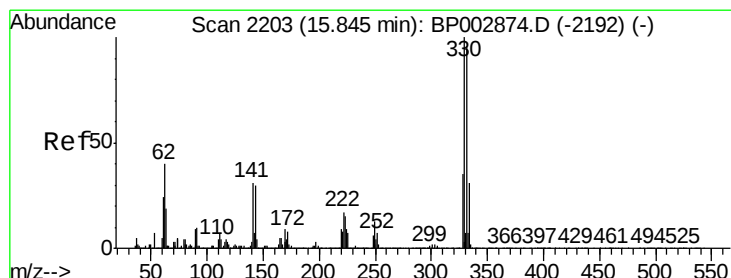
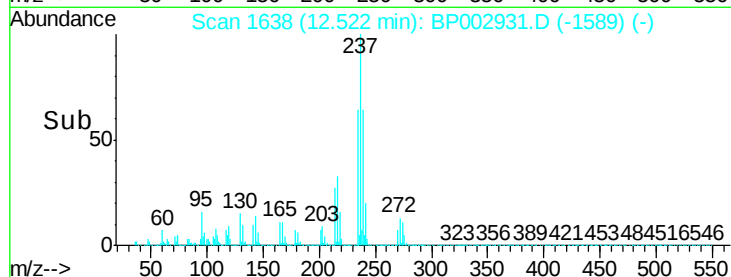
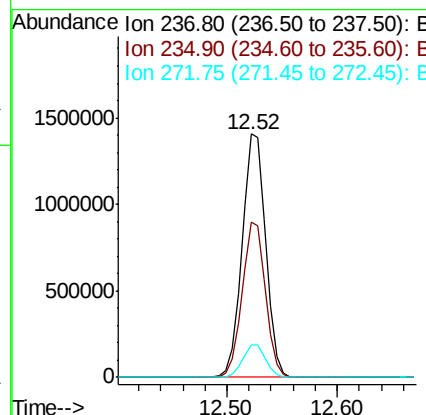
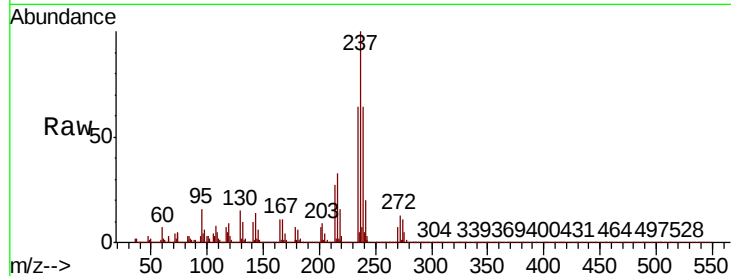
Time-->



#41
Hexachlorocyclopentadiene
Concen: 94.497 ng
RT: 12.52 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

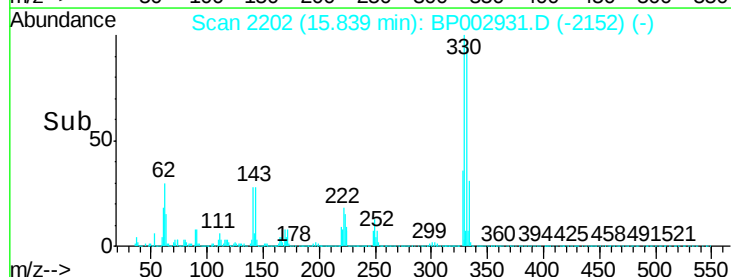
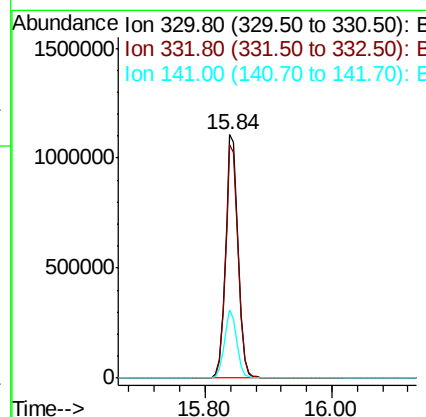
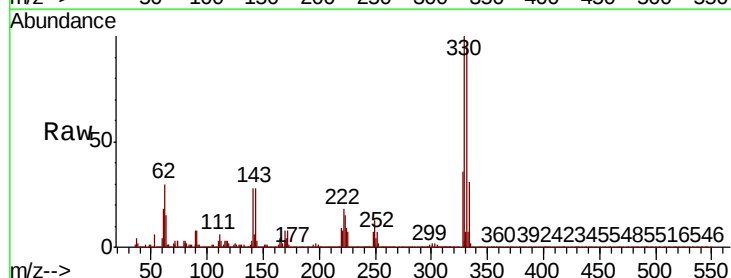
Instrument :
BNA_P
ClientSampleId :
PB130730BS

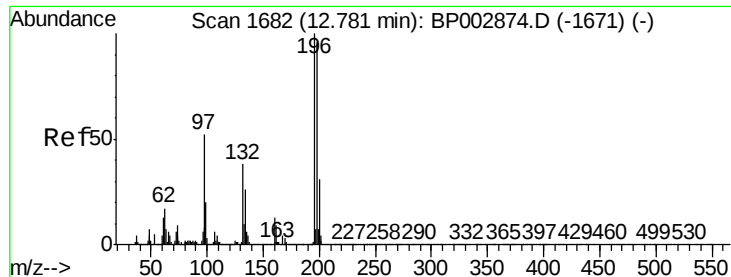
Tot Ion:237 Resp: 2103236
Ion Ratio Lower Upper
237 100
235 63.9 42.3 82.3
272 13.5 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 105.563 ng
RT: 15.84 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

Tgt Ion:330 Resp: 1565655
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 28.0 24.6 37.0

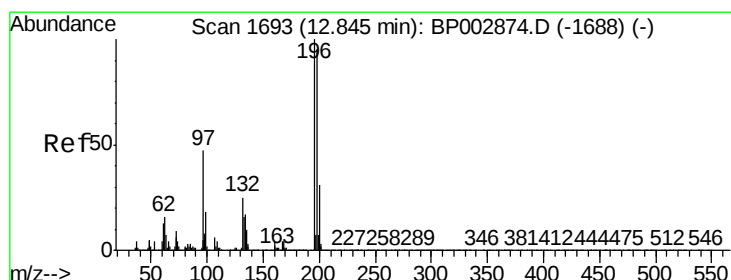
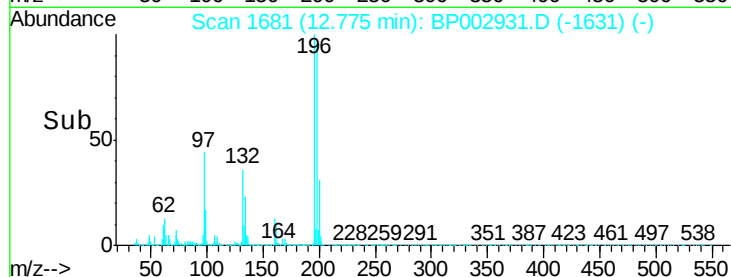
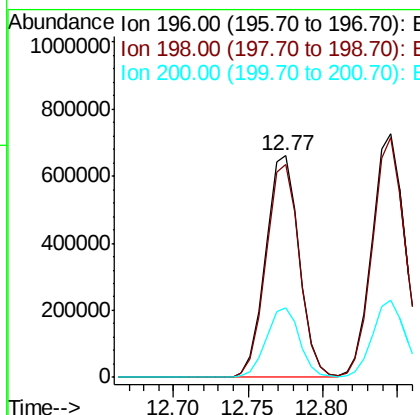
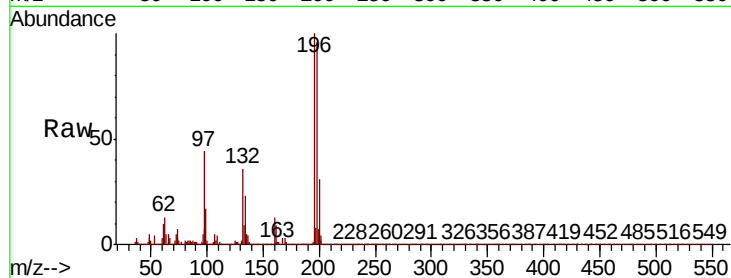




#43
 2,4,6-Trichlorophenol
 Concen: 41.390 ng
 RT: 12.77 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BP002931.D
 Acq: 07 Aug 2020 13:40

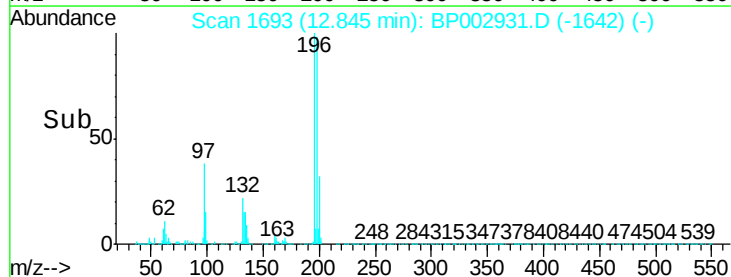
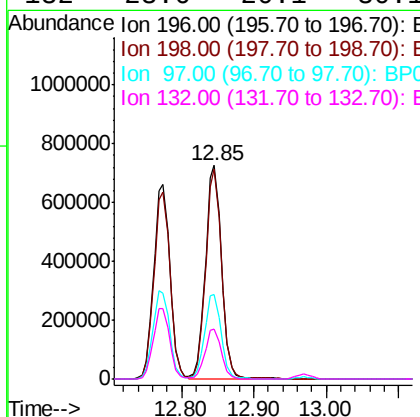
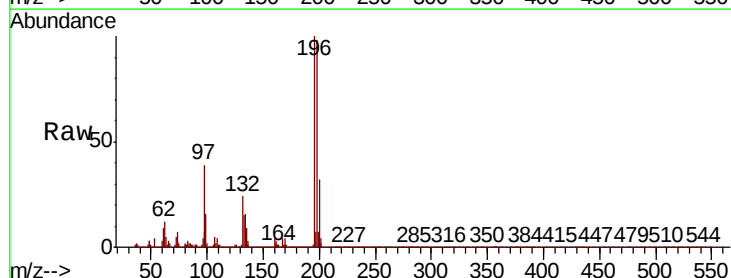
Instrument :
 BNA_P
 ClientSampleId :
 PB130730BS

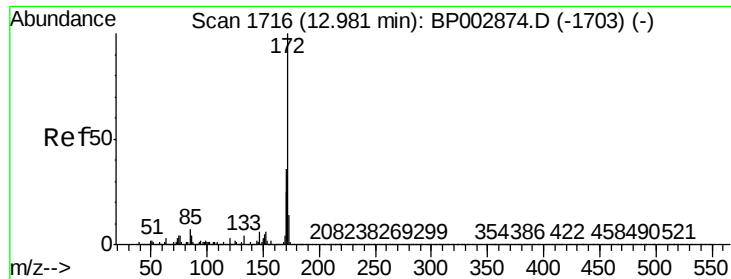
Tot Ion:196 Resp: 1029215
 Ion Ratio Lower Upper
 196 100
 198 95.9 77.0 115.6
 200 31.5 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 41.013 ng
 RT: 12.85 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: BP002931.D
 Acq: 07 Aug 2020 13:40

Tgt Ion:196 Resp: 1118788
 Ion Ratio Lower Upper
 196 100
 198 98.3 76.1 114.1
 97 39.3 37.6 56.4
 132 23.6 20.1 30.1

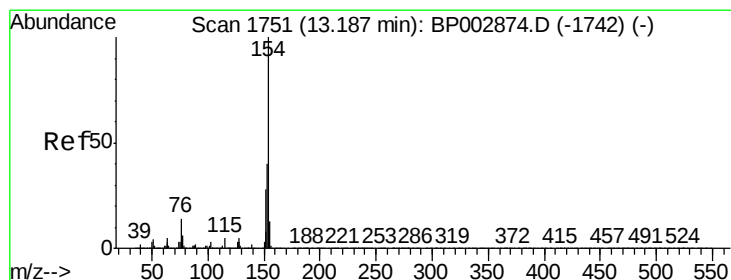
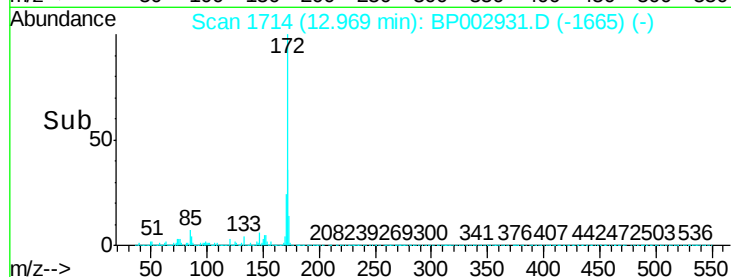
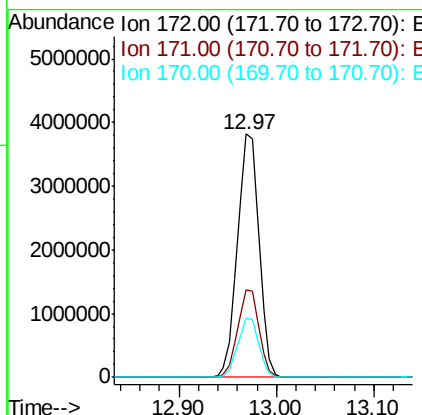
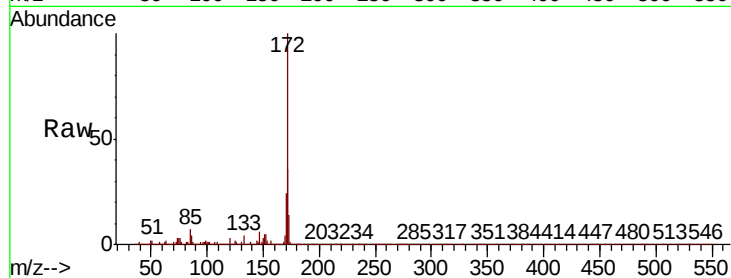




#45
2-Fluorobiphenyl
Concen: 67.152 ng
RT: 12.97 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

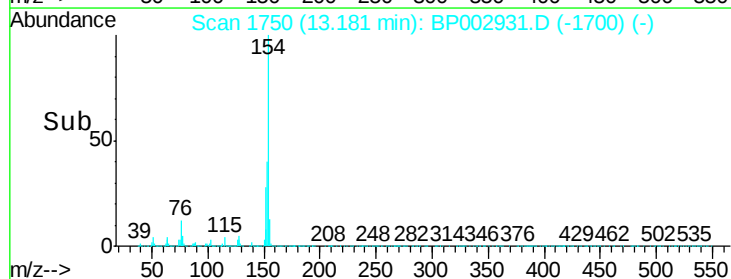
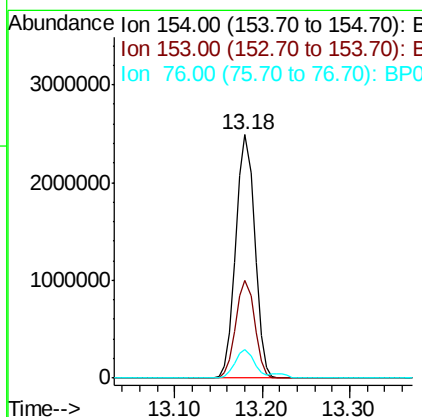
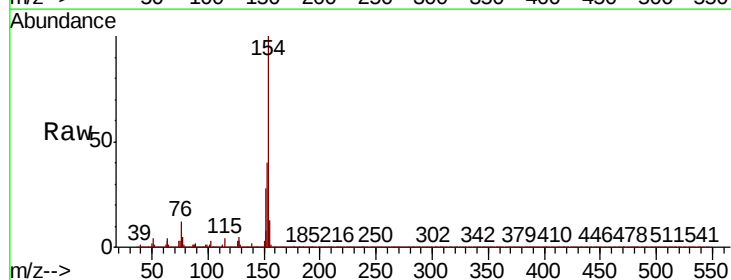
Instrument :
BNA_P
ClientSampleId :
PB130730BS

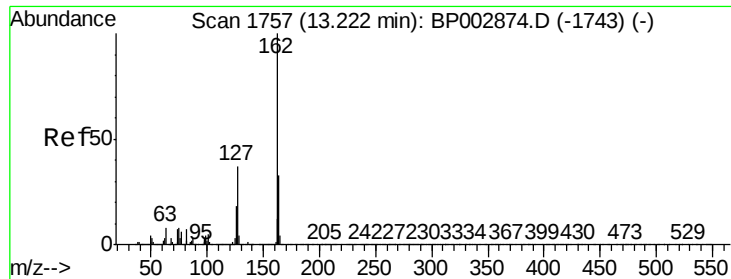
Tot Ion:172 Resp: 5865030
Ion Ratio Lower Upper
172 100
171 36.0 29.1 43.7
170 24.3 19.6 29.4



#46
1,1'-Biphenyl
Concen: 36.558 ng
RT: 13.18 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

Tgt Ion:154 Resp: 3606472
Ion Ratio Lower Upper
154 100
153 40.3 20.3 60.3
76 11.5 0.0 33.8

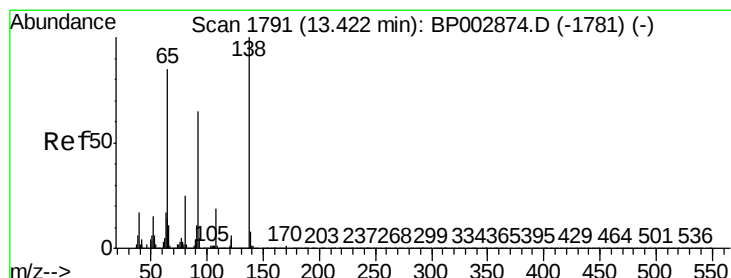
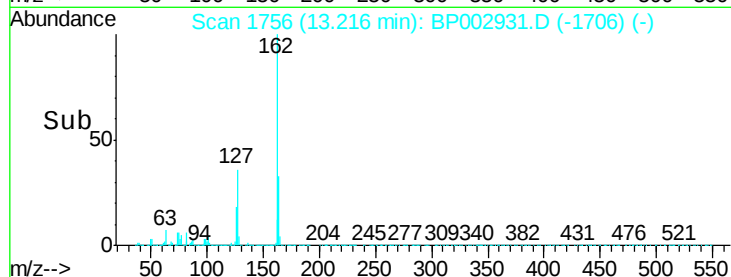
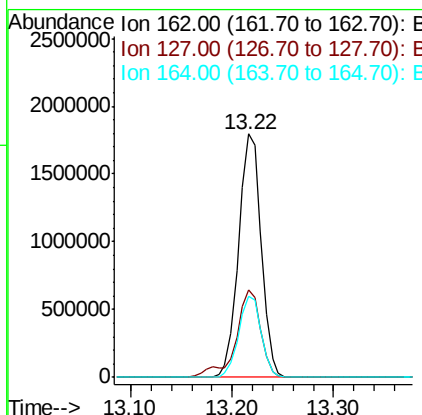
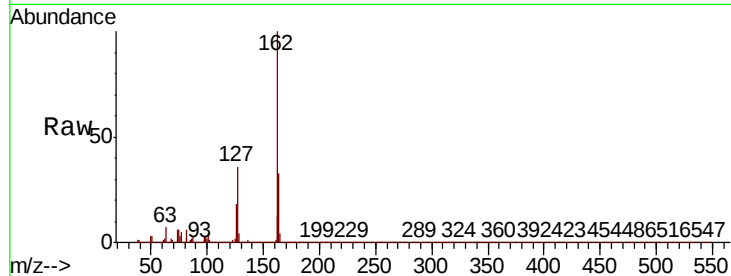




#47
2-Chloronaphthalene
Concen: 35.832 ng
RT: 13.22 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

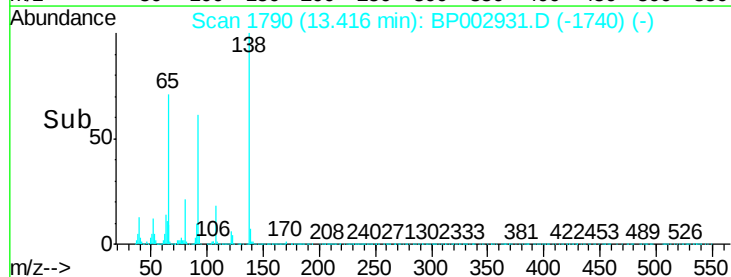
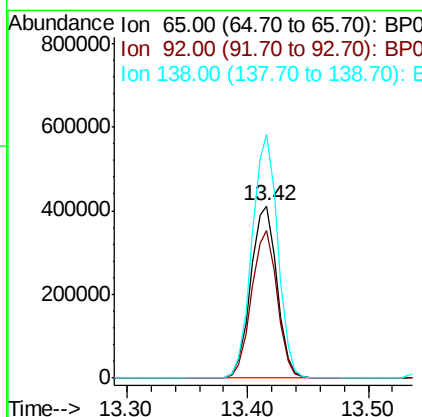
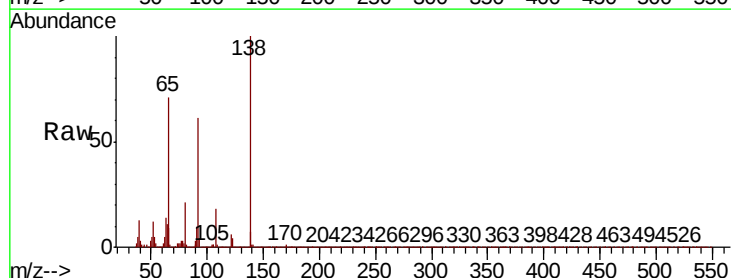
Instrument :
BNA_P
ClientSampleId :
PB130730BS

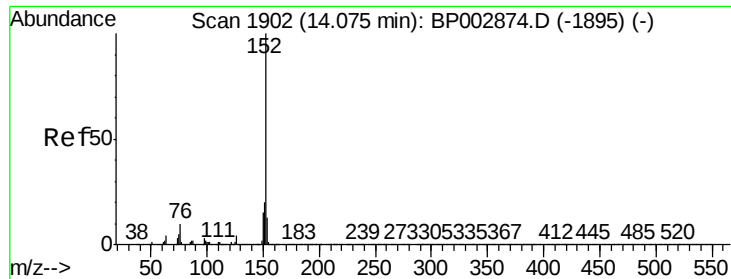
Tot Ion:162 Resp: 2767951
Ion Ratio Lower Upper
162 100
127 36.1 29.9 44.9
164 33.4 26.2 39.4



#48
2-Nitroaniline
Concen: 33.779 ng
RT: 13.42 min Scan# 1790
Delta R.T. -0.00 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

Tgt Ion: 65 Resp: 626155
Ion Ratio Lower Upper
65 100
92 85.6 61.4 92.0
138 141.1 94.2 141.4





#49

Acenaphthylene

Concen: 36.177 ng

RT: 14.07 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BP002931.D

Acq: 07 Aug 2020 13:40

Instrument :

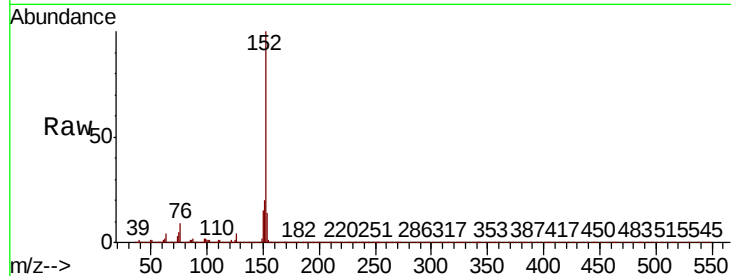
BNA_P

ClientSampleId :

PB130730BS

Tot Ion:152 Resp: 4382857

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4
153	13.6	10.6	16.0

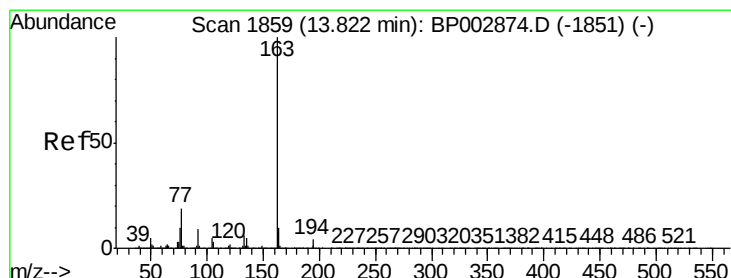
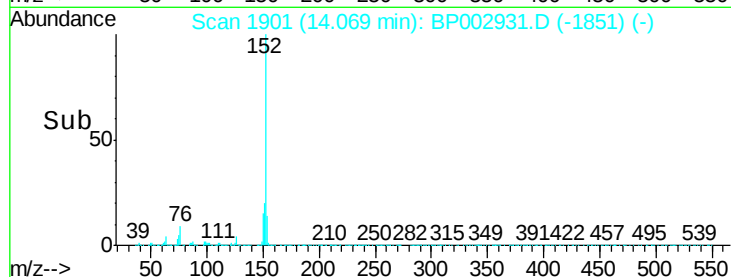
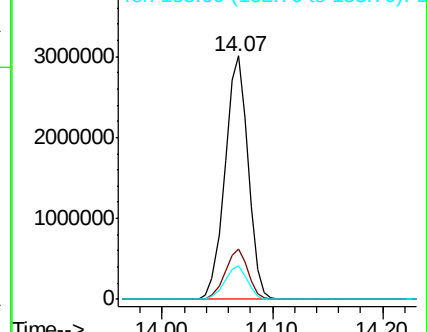


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 36.332 ng

RT: 13.82 min Scan# 1858

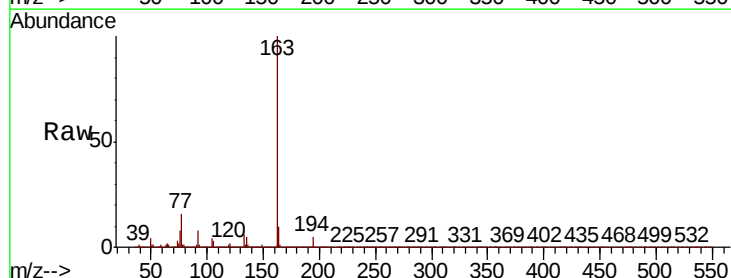
Delta R.T. -0.01 min

Lab File: BP002931.D

Acq: 07 Aug 2020 13:40

Tgt Ion:163 Resp: 3390975

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	10.2	8.2	12.2

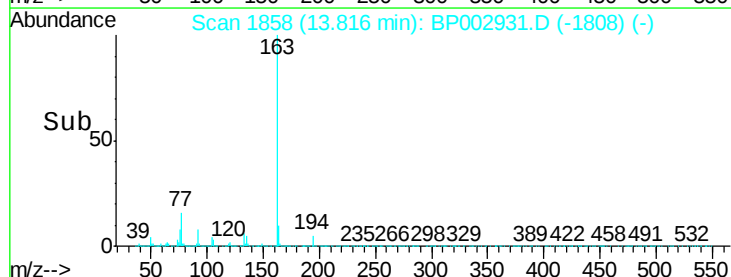
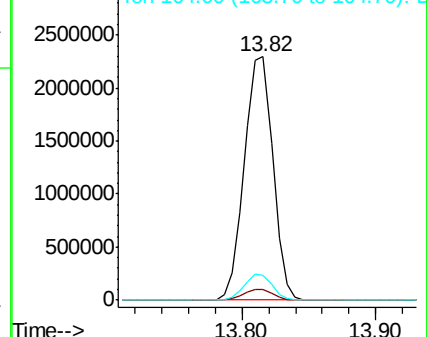


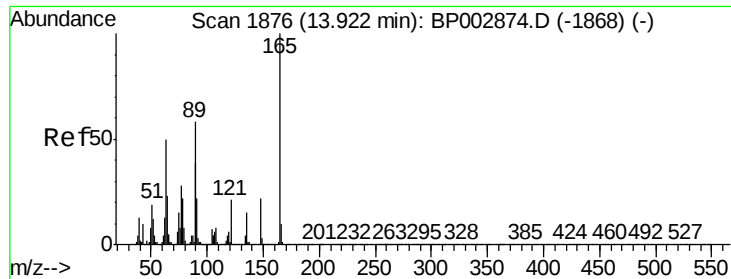
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 36.341 ng

RT: 13.92 min Scan# 1876

Delta R.T. 0.00 min

Lab File: BP002931.D

Acq: 07 Aug 2020 13:40

Instrument :

BNA_P

ClientSampleId :

PB130730BS

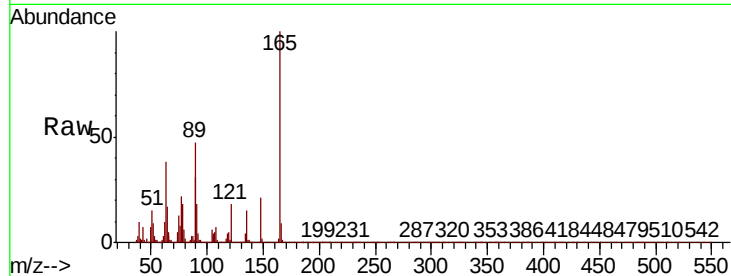
Tot Ion:165 Resp: 748801

Ion Ratio Lower Upper

165 100

63 37.8 40.3 60.5#

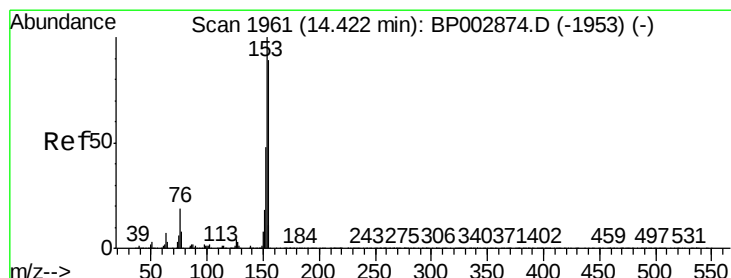
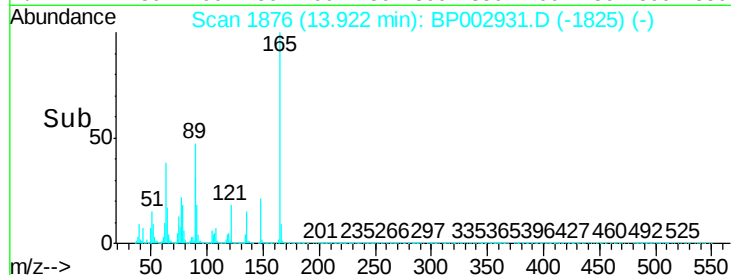
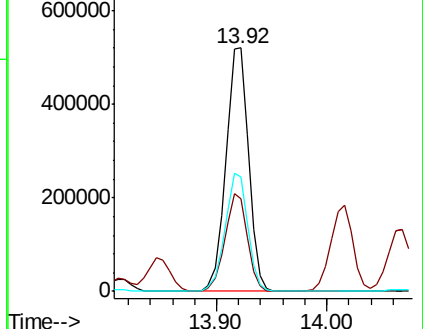
89 47.0 46.5 69.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0



#52

Acenaphthene

Concen: 33.953 ng

RT: 14.42 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BP002931.D

Acq: 07 Aug 2020 13:40

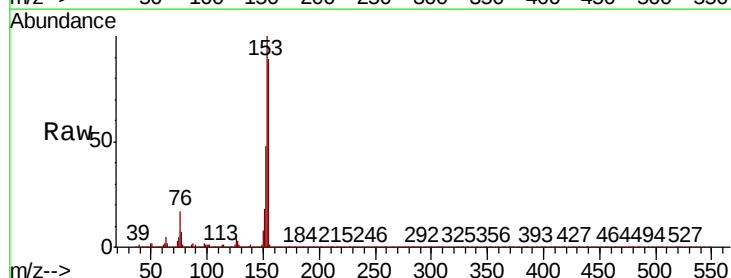
Tgt Ion:154 Resp: 2643732

Ion Ratio Lower Upper

154 100

153 111.8 89.7 134.5

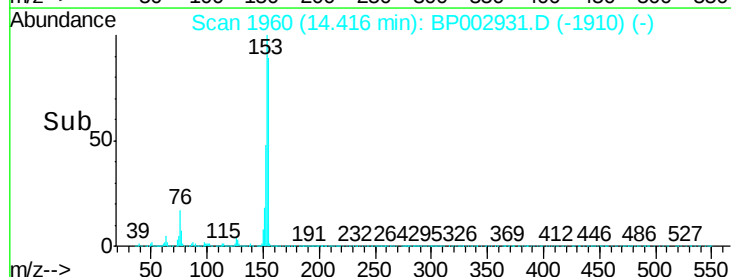
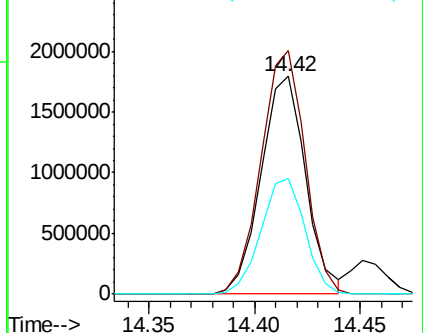
152 53.2 43.3 64.9

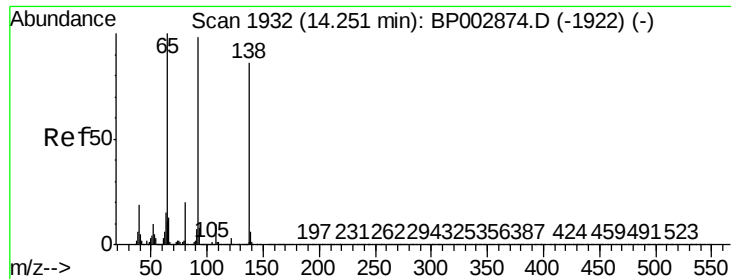


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

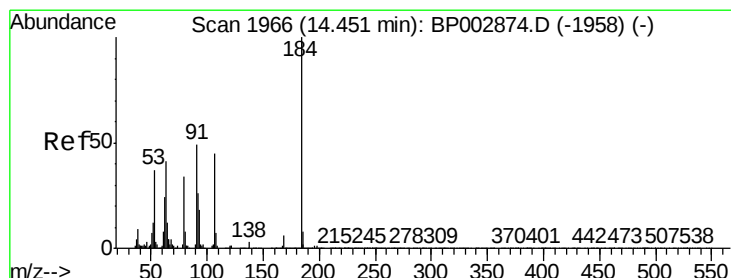
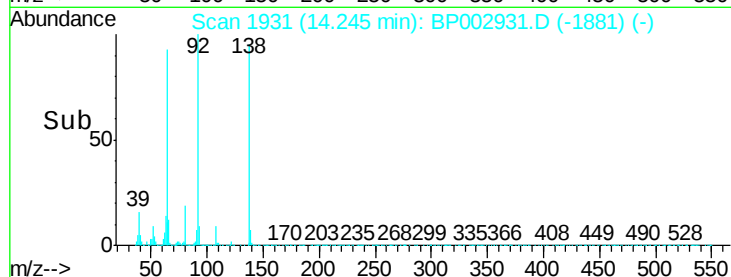
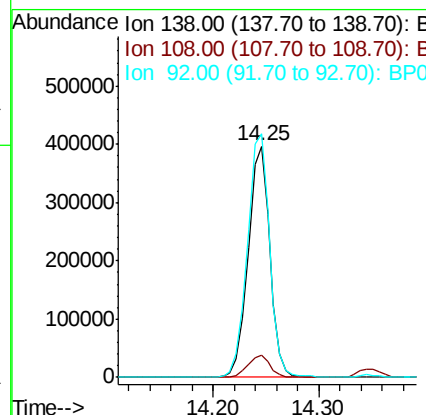
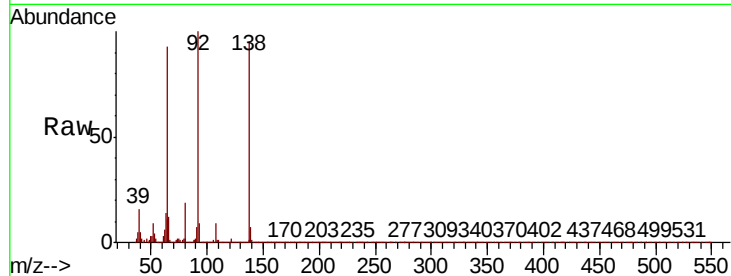




#53
3-Nitroaniline
Concen: 27.087 ng
RT: 14.25 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

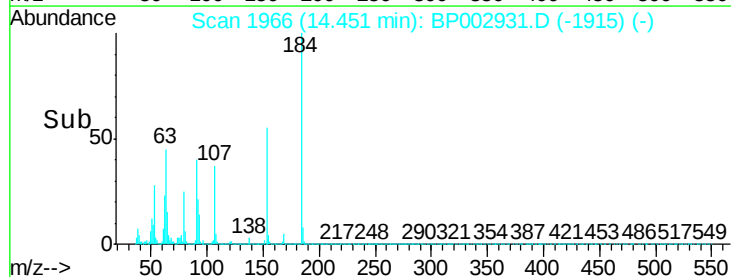
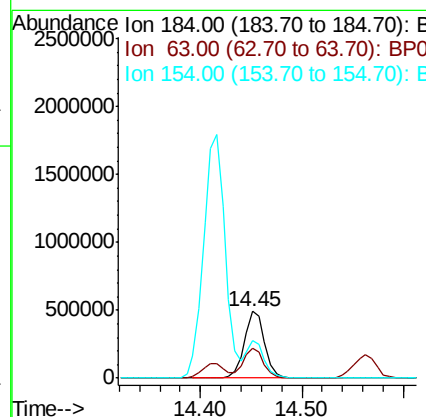
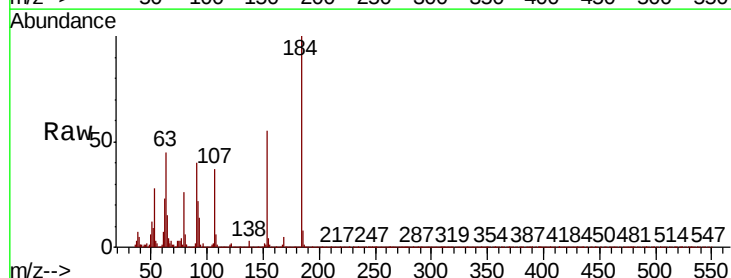
Instrument :
BNA_P
ClientSampleId :
PB130730BS

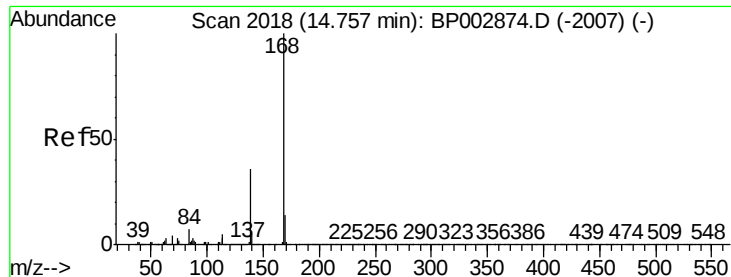
Tot Ion:138 Resp: 564585
Ion Ratio Lower Upper
138 100
108 9.6 9.4 14.0
92 105.2 91.0 136.6



#54
2,4-Dinitrophenol
Concen: 77.784 ng
RT: 14.45 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

Tgt Ion:184 Resp: 687232
Ion Ratio Lower Upper
184 100
63 44.8 50.3 75.5#
154 55.3 50.6 76.0





#55

Dibenzofuran

Concen: 34.660 ng

RT: 14.75 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BP002931.D

Acq: 07 Aug 2020 13:40

Instrument :

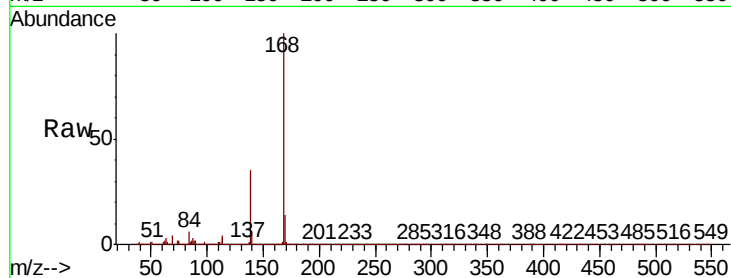
BNA_P

ClientSampleId :

PB130730BS

Tot Ion:168 Resp: 4139667

Ion	Ratio	Lower	Upper
168	100		
139	34.6	28.9	43.3
169	13.6	11.0	16.6

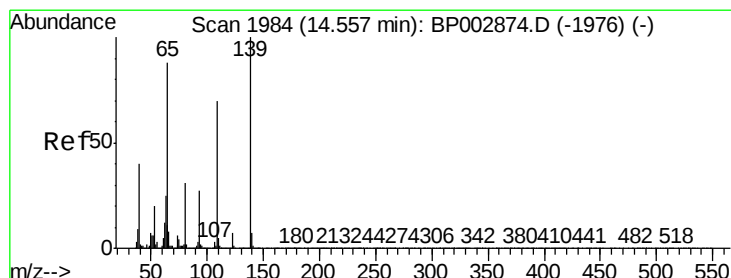
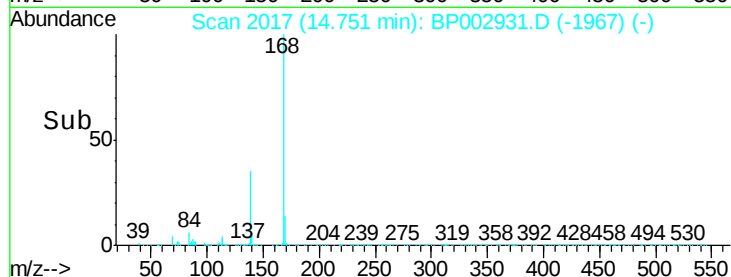
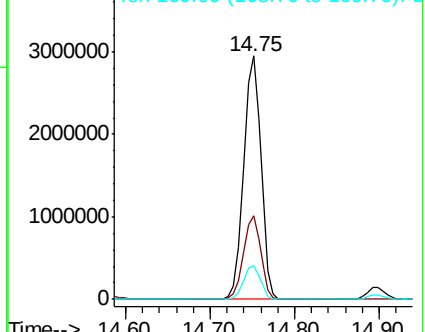


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 75.513 ng

RT: 14.56 min Scan# 1985

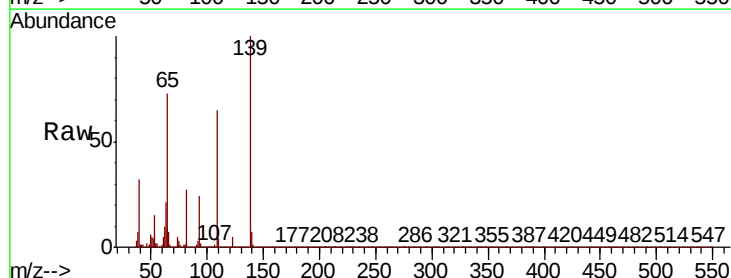
Delta R.T. 0.01 min

Lab File: BP002931.D

Acq: 07 Aug 2020 13:40

Tgt Ion:139 Resp: 1249749

Ion	Ratio	Lower	Upper
139	100		
109	64.7	49.8	89.8
65	73.1	67.9	107.9

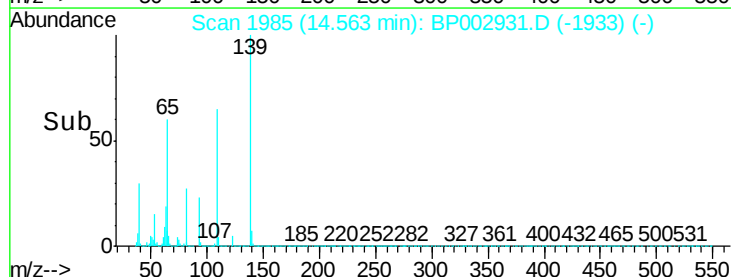
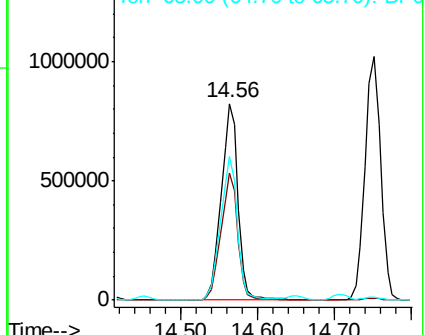


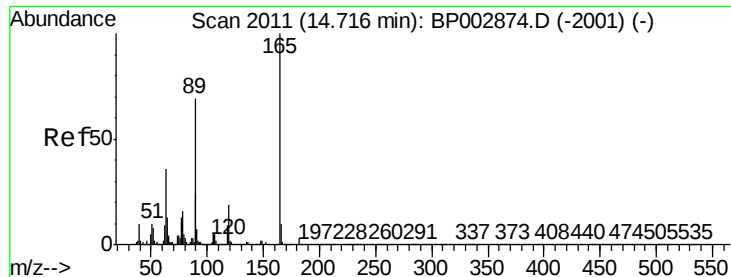
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

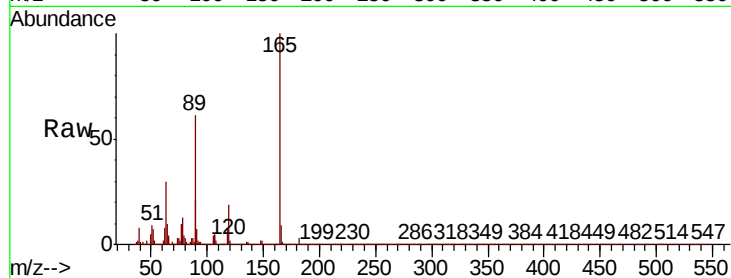




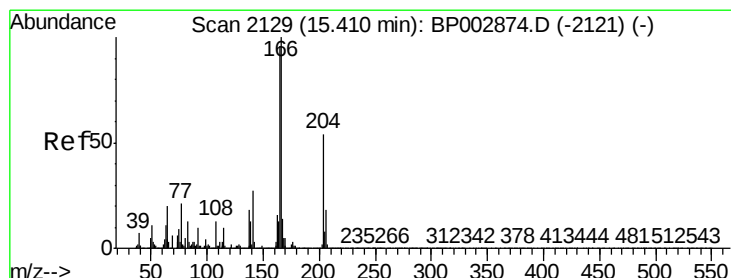
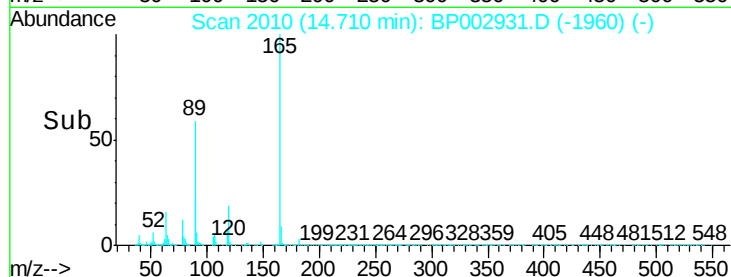
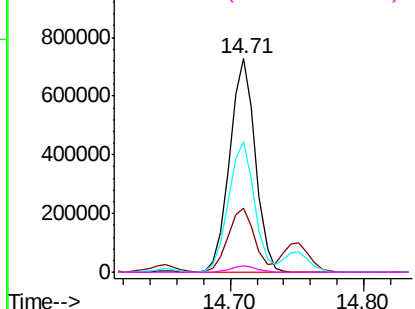
#57
2,4-Dinitrotoluene
Concen: 36.264 ng
RT: 14.71 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

Instrument :
BNA_P
ClientSampleId :
PB130730BS

Tot Ion:165 Resp: 977490
Ion Ratio Lower Upper
165 100
63 30.2 29.0 43.4
89 60.9 55.5 83.3
182 2.8 2.2 3.4

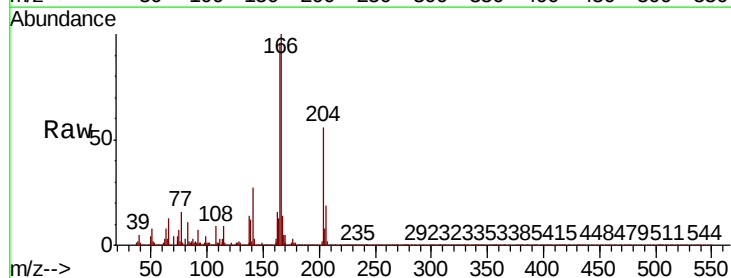


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP
Ion 89.00 (88.70 to 89.70): BP
Ion 182.00 (181.70 to 182.70): E

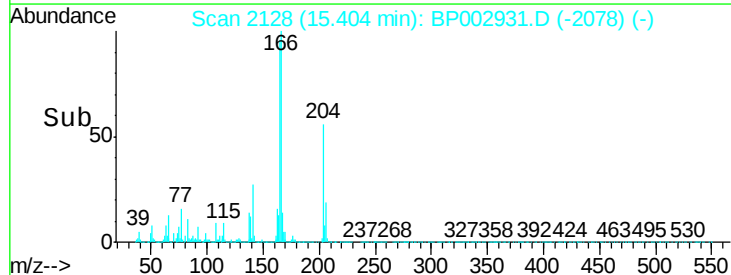
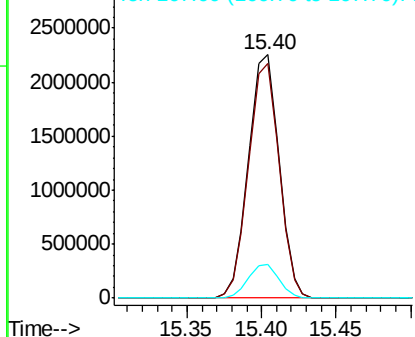


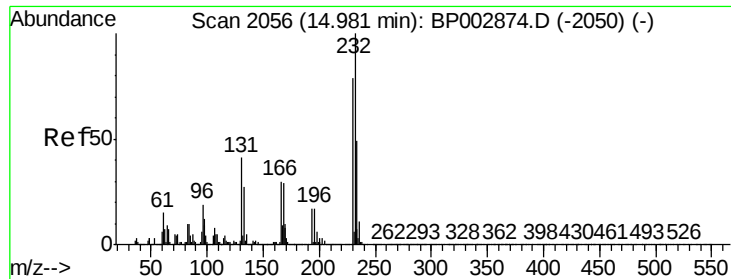
#58
Fluorene
Concen: 34.240 ng
RT: 15.40 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

Tgt Ion:166 Resp: 3201885
Ion Ratio Lower Upper
166 100
165 96.3 77.0 115.4
167 13.7 10.9 16.3



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

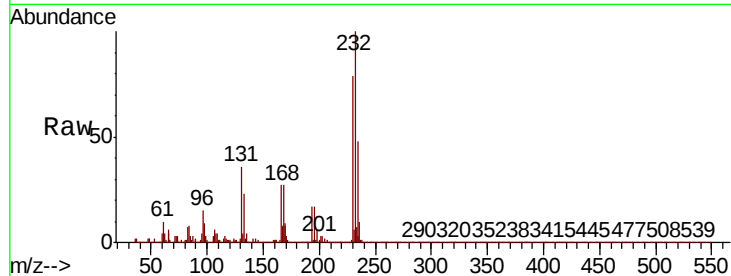




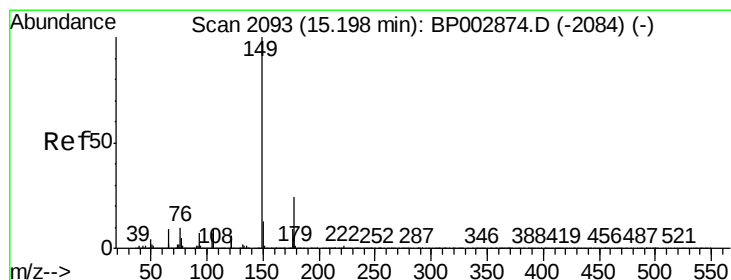
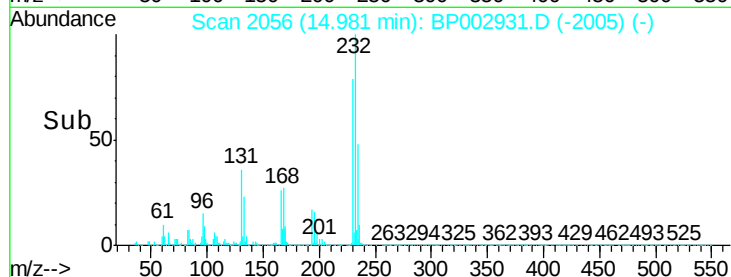
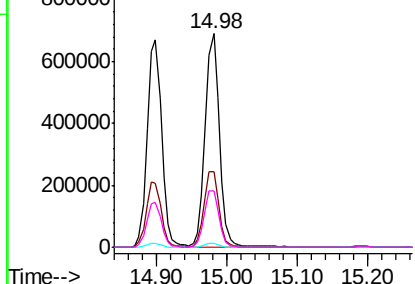
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.877 ng
RT: 14.98 min Scan# 2056
Delta R.T. -0.00 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

Instrument :
BNA_P
ClientSampleId :
PB130730BS

Tot Ion:232	Resp:	975910	
Ion Ratio	Lower	Upper	
232 100			
131 36.8	32.1	48.1	
130 1.9	1.7	2.5	
166 27.6	22.9	34.3	

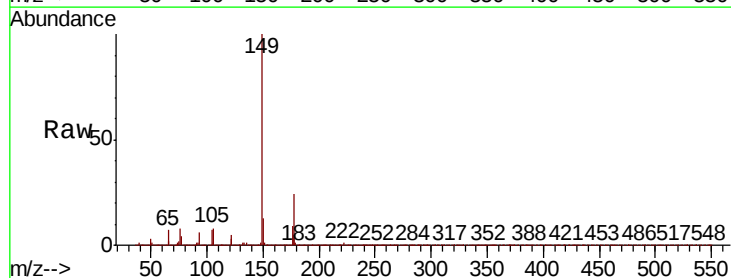


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

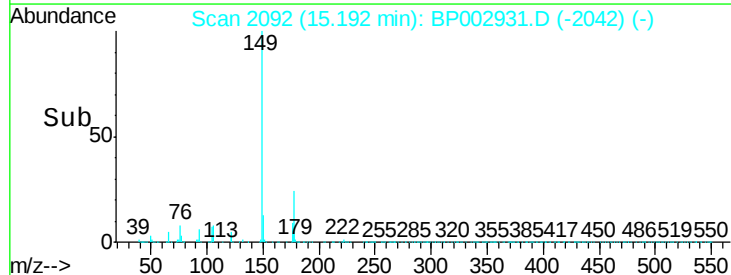
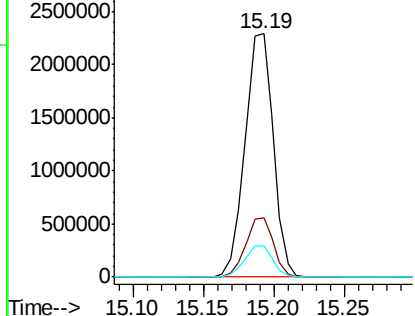


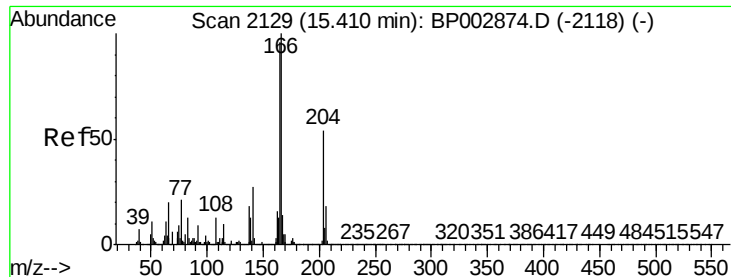
#60
Diethylphthalate
Concen: 35.380 ng
RT: 15.19 min Scan# 2092
Delta R.T. -0.01 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

Tgt	Ion:149	Resp:	3226695
Ion	Ratio	Lower	Upper
149	100		
177	24.3	18.9	28.3
150	12.6	10.2	15.2



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

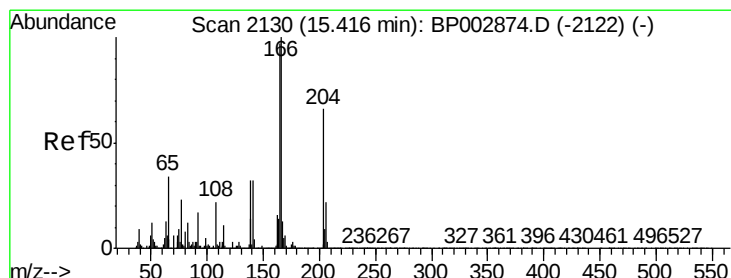
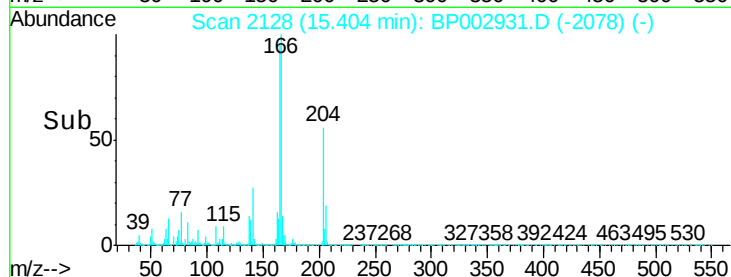
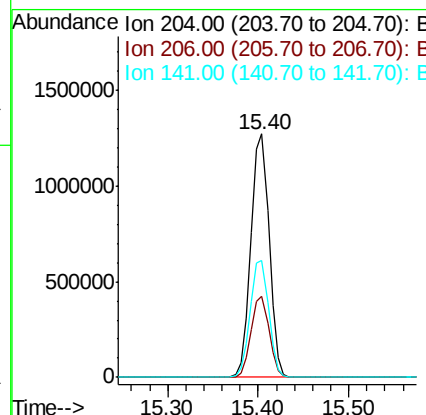
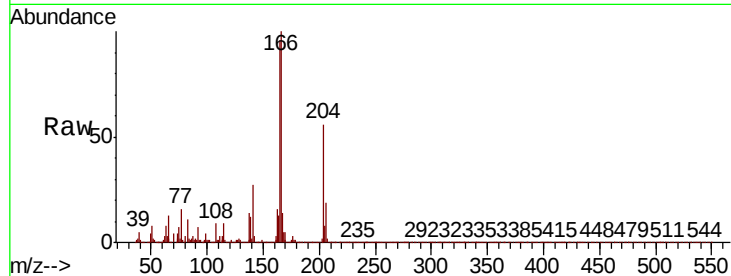




#61
4-Chlorophenyl-phenylether
Concen: 36.722 ng
RT: 15.40 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

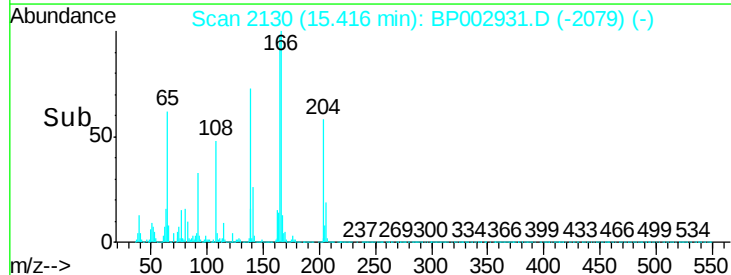
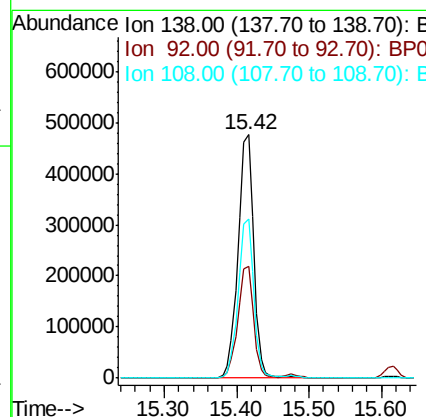
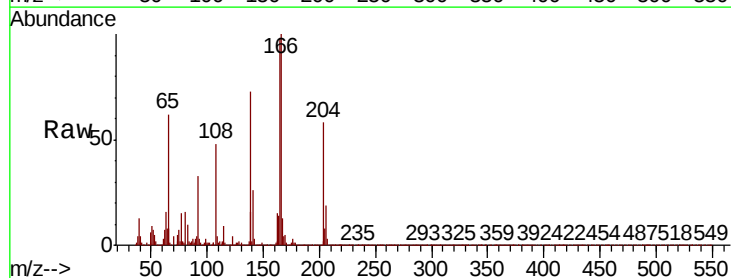
Instrument :
BNA_P
ClientSampleId :
PB130730BS

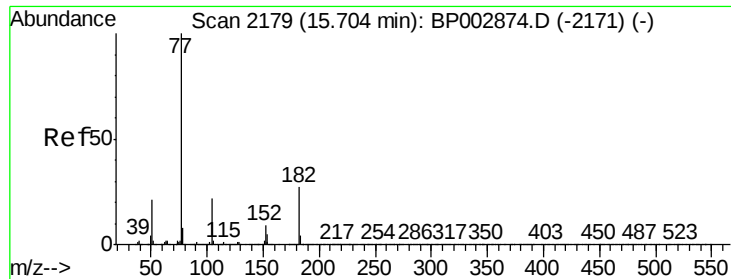
Tot Ion:204 Resp: 1767339
Ion Ratio Lower Upper
204 100
206 33.3 26.6 39.8
141 48.0 40.5 60.7



#62
4-Nitroaniline
Concen: 34.147 ng
RT: 15.42 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

Tgt Ion:138 Resp: 723645
Ion Ratio Lower Upper
138 100
92 45.7 32.2 72.2
108 65.6 50.0 90.0

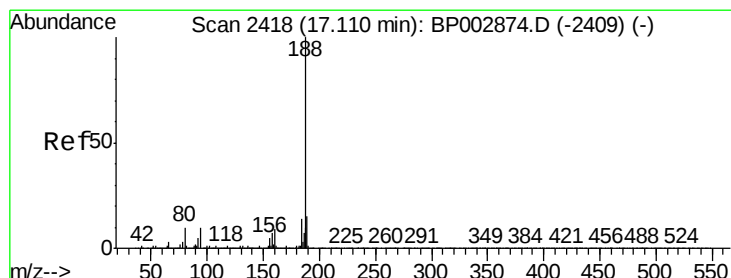
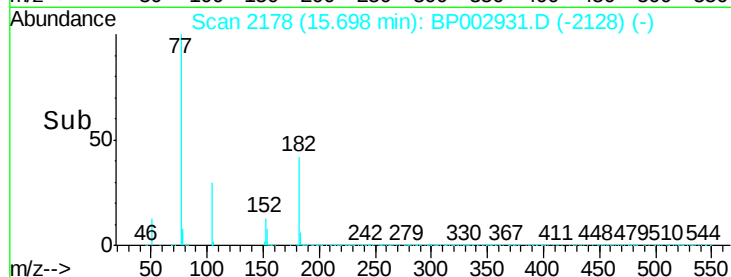
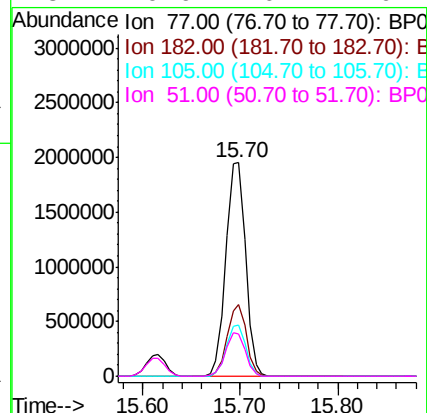
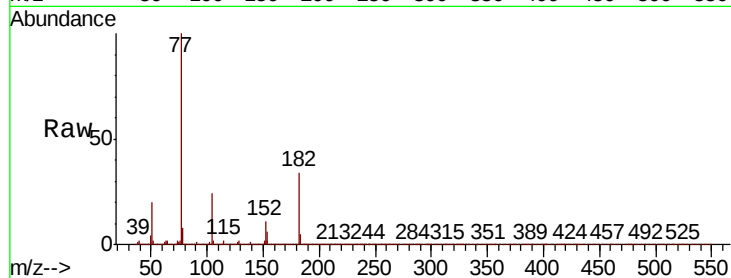




#63
Azobenzene
Concen: 29.784 ng
RT: 15.70 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

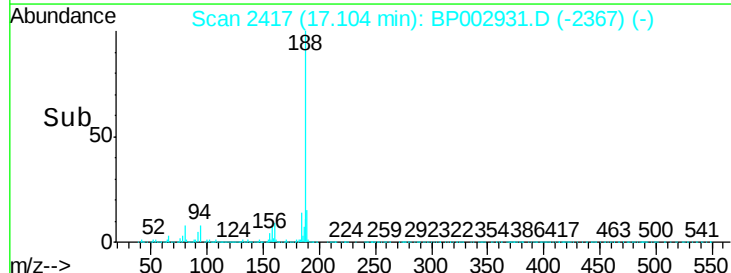
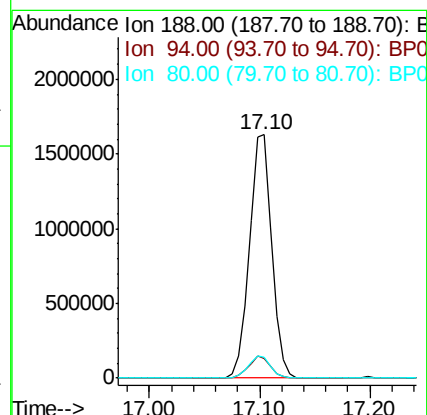
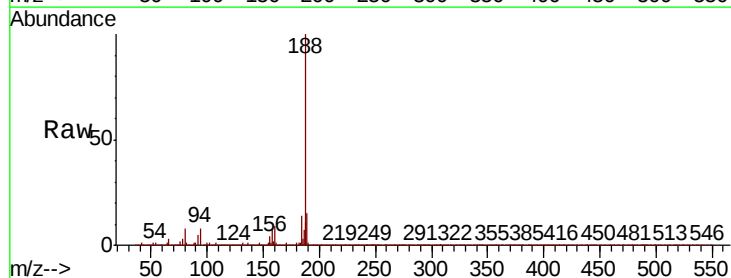
Instrument :
BNA_P
ClientSampleId :
PB130730BS

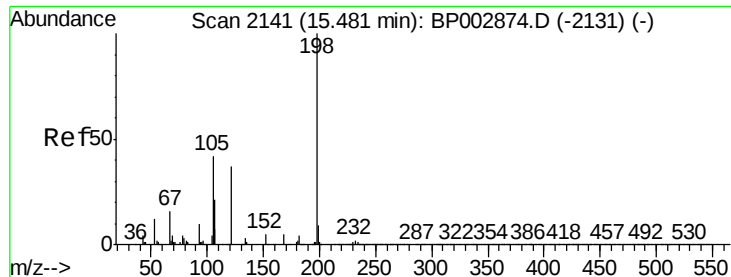
Tot Ion:	77	Resp:	2734585
Ion	Ratio	Lower	Upper
77	100		
182	33.8	6.9	46.9
105	24.3	2.1	42.1
51	19.9	0.7	40.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

Tgt Ion:	188	Resp:	2313475
Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.8	11.6
80	8.3	8.0	12.0





#65

4,6-Dinitro-2-methylphenol

Concen: 40.054 ng

RT: 15.48 min Scan# 2141

Delta R.T. 0.00 min

Lab File: BP002931.D

Acq: 07 Aug 2020 13:40

Instrument :

BNA_P

ClientSampleId :

PB130730BS

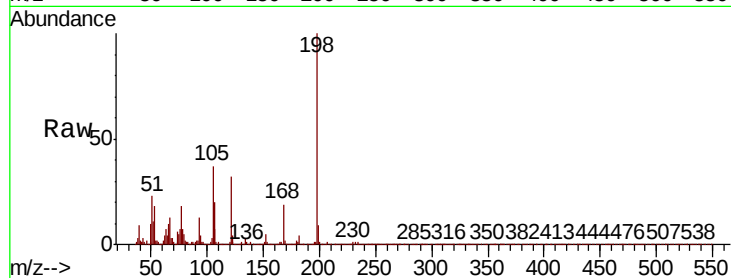
Tot Ion:198 Resp: 466737

Ion Ratio Lower Upper

198 100

51 23.2 11.6 51.6

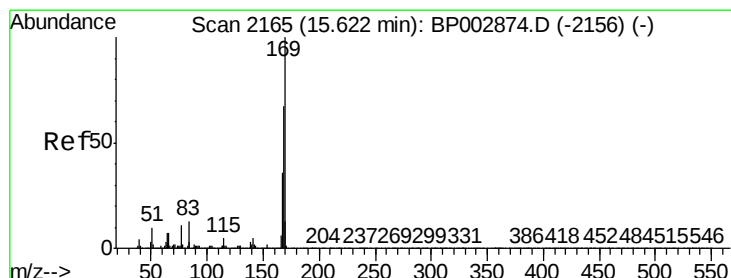
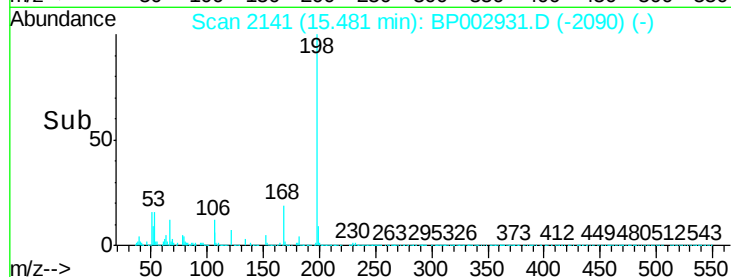
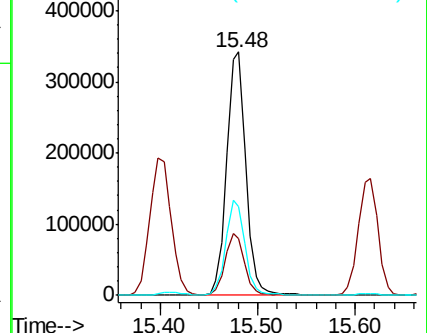
105 36.6 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.747 ng

RT: 15.62 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BP002931.D

Acq: 07 Aug 2020 13:40

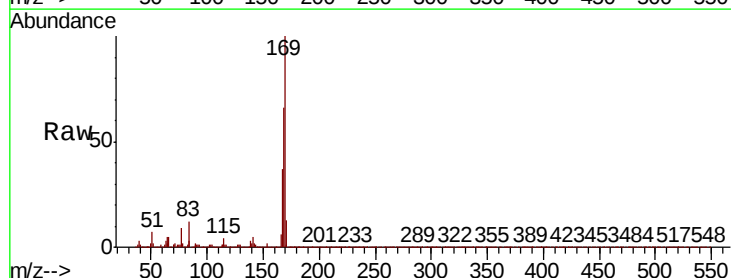
Tgt Ion:169 Resp: 2892165

Ion Ratio Lower Upper

169 100

168 66.3 53.6 80.4

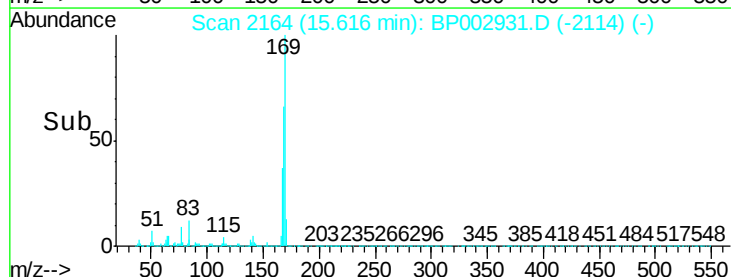
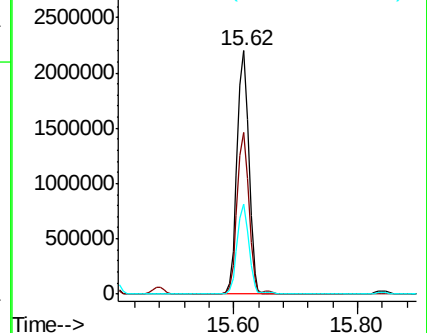
167 36.7 29.1 43.7

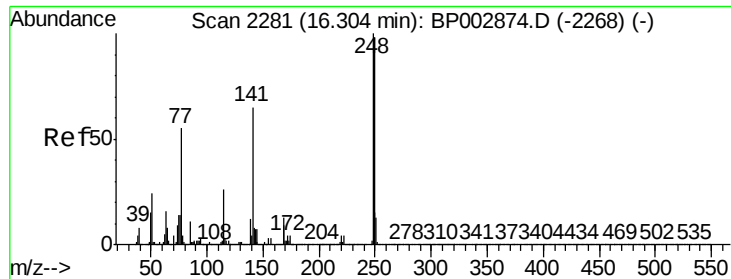


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

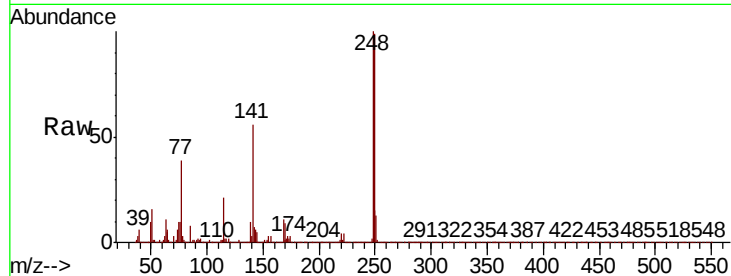




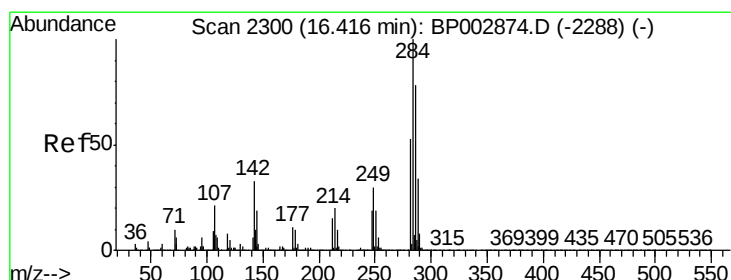
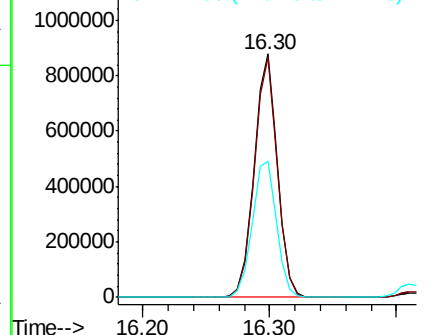
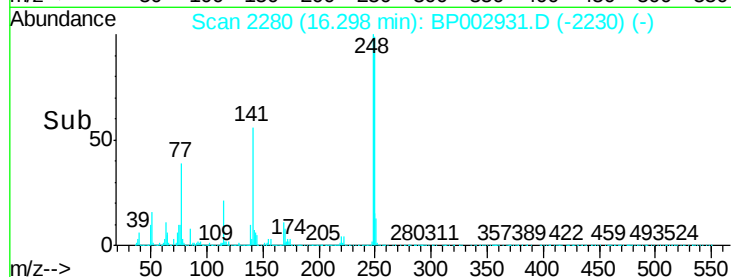
#67
4-Bromophenyl-phenylether
Concen: 39.752 ng
RT: 16.30 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

Instrument :
BNA_P
ClientSampleId :
PB130730BS

Tot Ion:248 Resp: 1118852
Ion Ratio Lower Upper
248 100
250 98.6 78.6 118.0
141 56.1 52.3 78.5

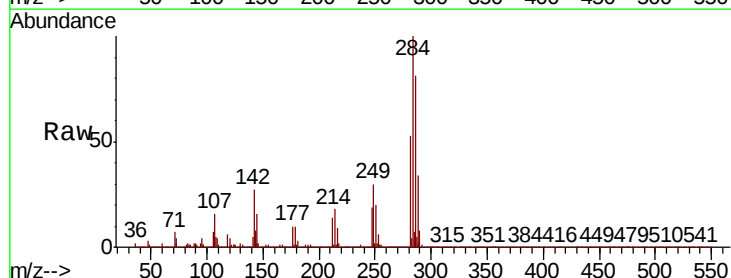


Abundance Ion 248.00 (247.70 to 248.70): E
1200000 Ion 250.00 (249.70 to 250.70): E
1000000 Ion 141.00 (140.70 to 141.70): E

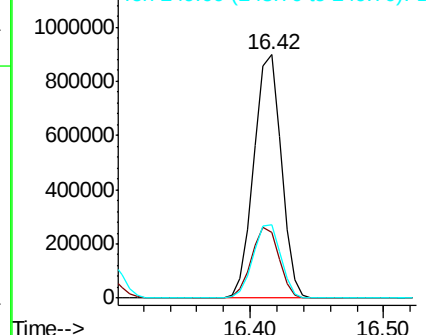
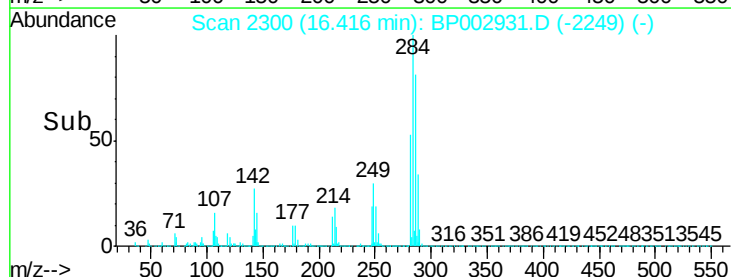


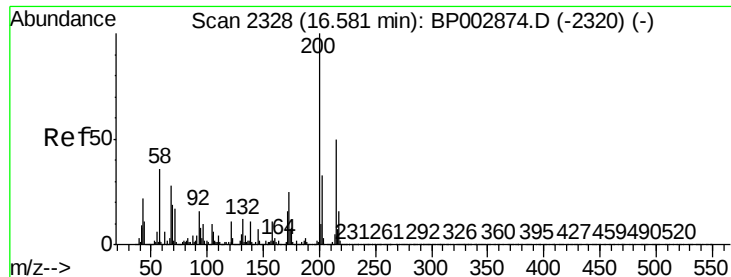
#68
Hexachlorobenzene
Concen: 38.890 ng
RT: 16.42 min Scan# 2300
Delta R.T. -0.00 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

Tgt Ion:284 Resp: 1266056
Ion Ratio Lower Upper
284 100
142 27.1 26.1 39.1
249 30.3 24.2 36.2



Abundance Ion 283.80 (283.50 to 284.50): E
1200000 Ion 142.00 (141.70 to 142.70): E
1000000 Ion 249.00 (248.70 to 249.70): E

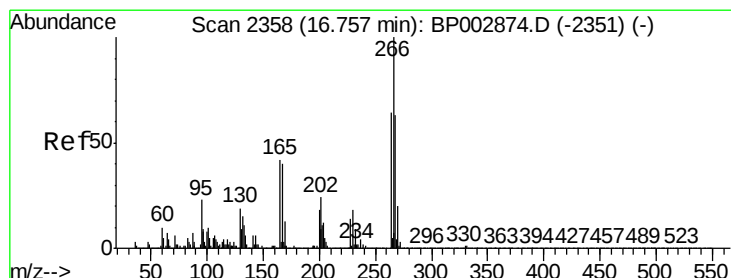
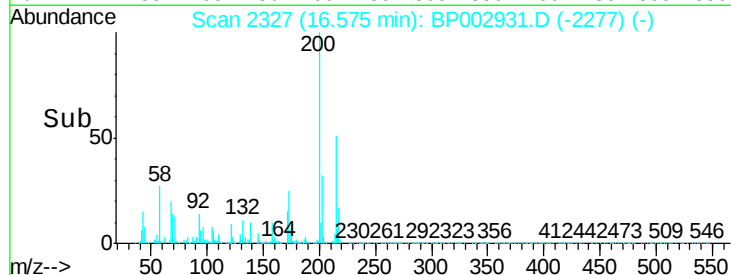
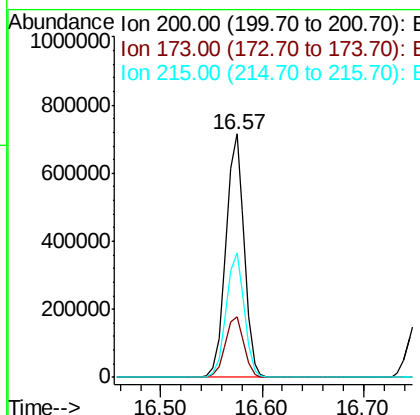
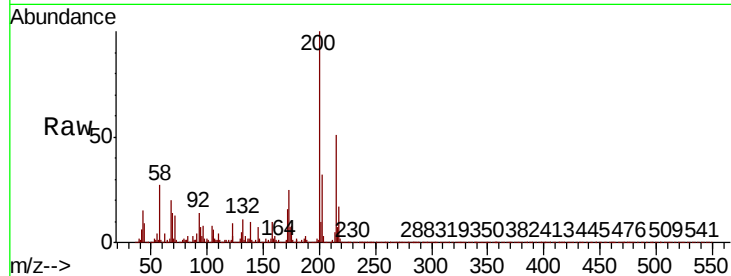




#69
Atrazine
Concen: 34.301 ng
RT: 16.57 min Scan# 2327
Delta R.T. -0.01 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

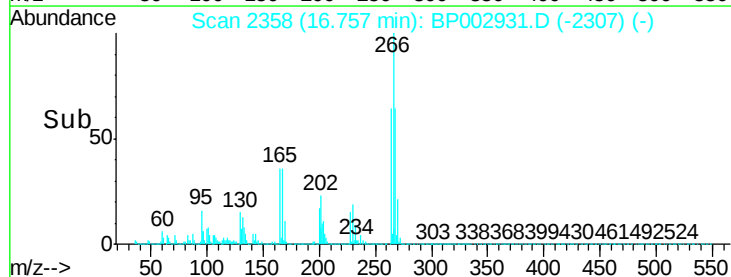
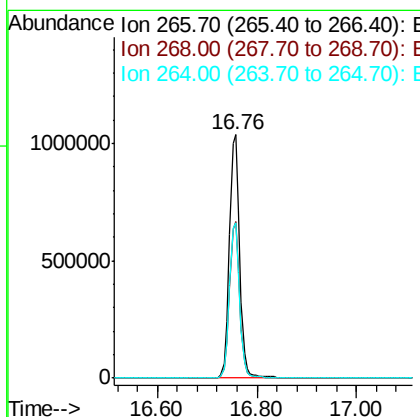
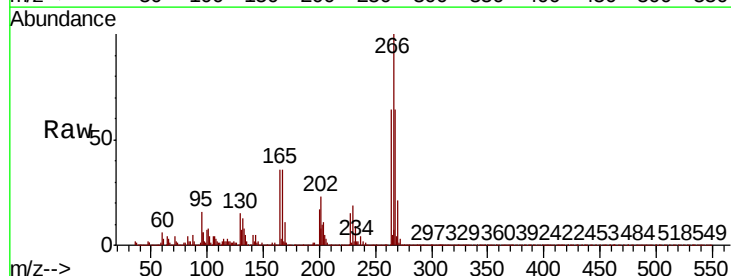
Instrument :
BNA_P
ClientSampleId :
PB130730BS

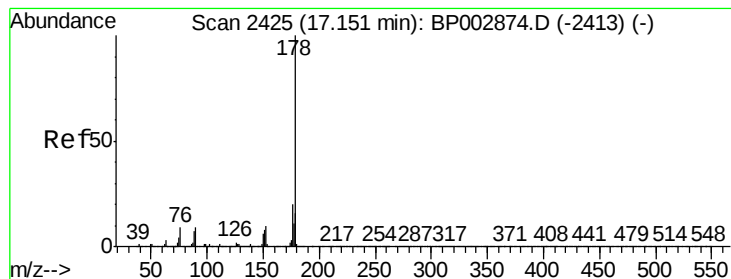
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.9	5.3	45.3
215	51.2	29.7	69.7



#70
Pentachlorophenol
Concen: 89.613 ng
RT: 16.76 min Scan# 2358
Delta R.T. -0.00 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	50.7	76.1
264	63.9	50.9	76.3





#71

Phenanthrene

Concen: 36.270 ng

RT: 17.15 min Scan# 2424

Delta R.T. -0.01 min

Lab File: BP002931.D

Acq: 07 Aug 2020 13:40

Instrument :

BNA_P

ClientSampleId :

PB130730BS

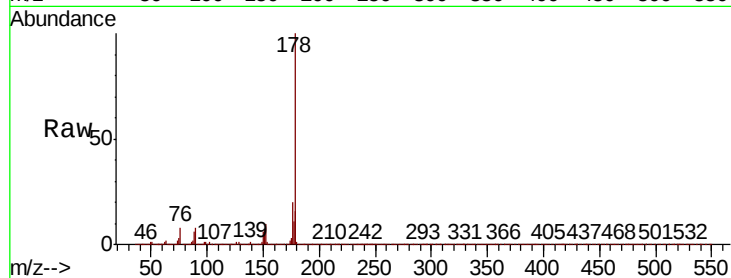
Tot Ion:178 Resp: 4920451

Ion Ratio Lower Upper

178 100

176 19.8 16.1 24.1

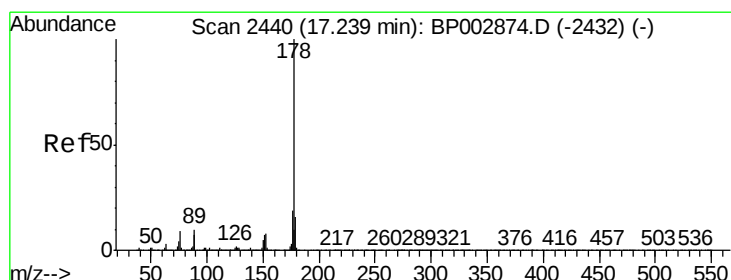
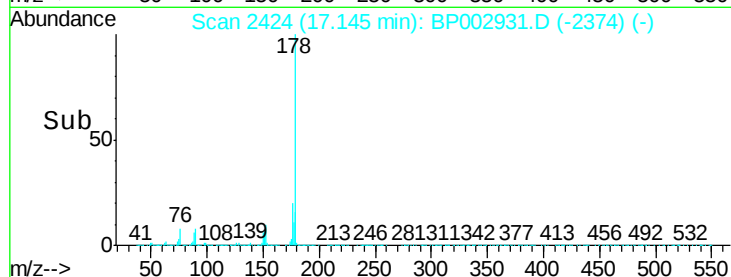
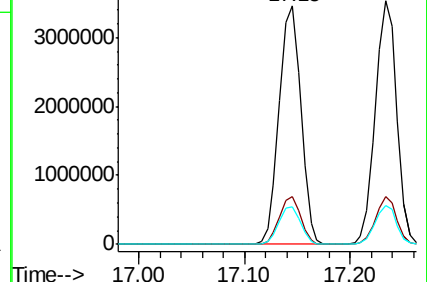
179 15.9 13.0 19.4



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: 37.784 ng

RT: 17.23 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BP002931.D

Acq: 07 Aug 2020 13:40

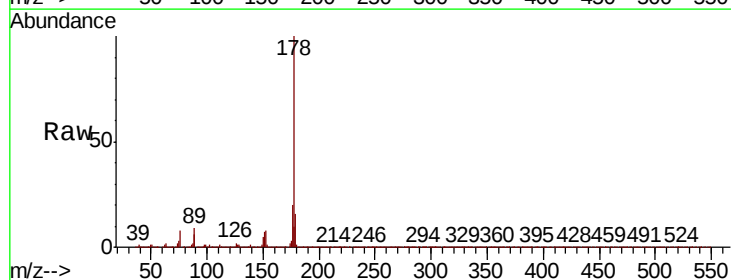
Tgt Ion:178 Resp: 5009814

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

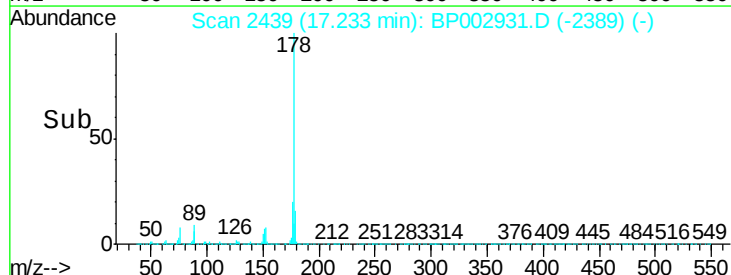
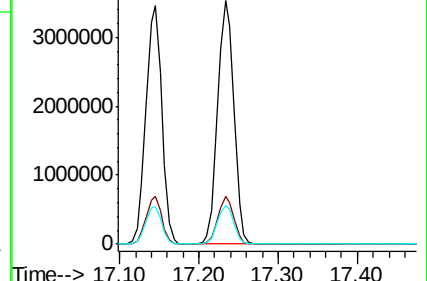
179 16.2 13.1 19.7

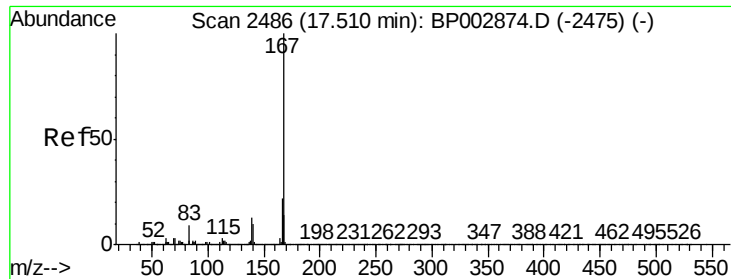


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

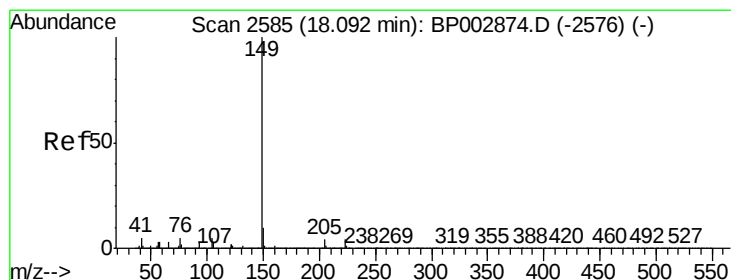
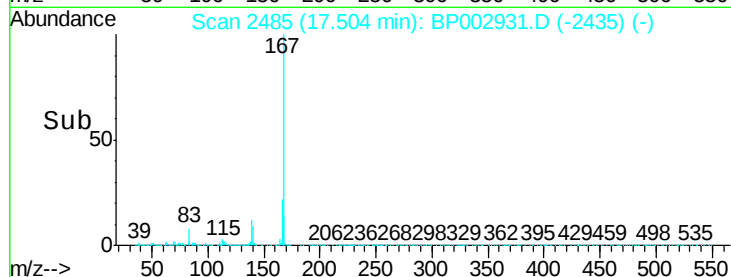
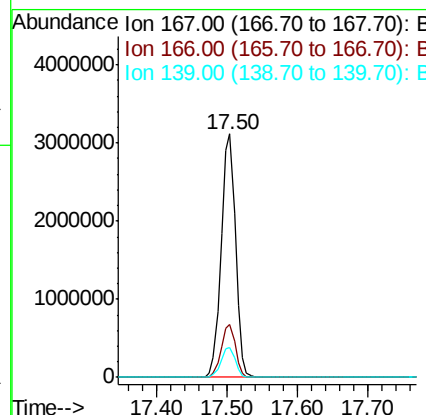
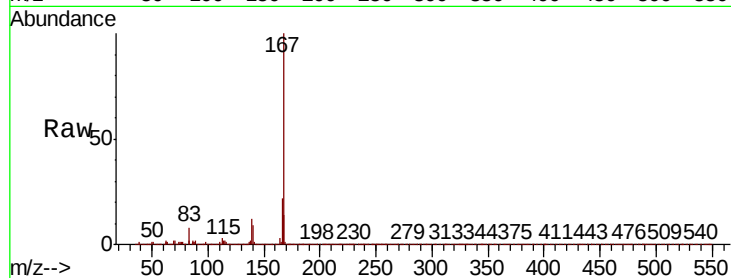




#73
 Carbazole
 Concen: 33.937 ng
 RT: 17.50 min Scan# 2485
 Delta R.T. -0.01 min
 Lab File: BP002931.D
 Acq: 07 Aug 2020 13:40

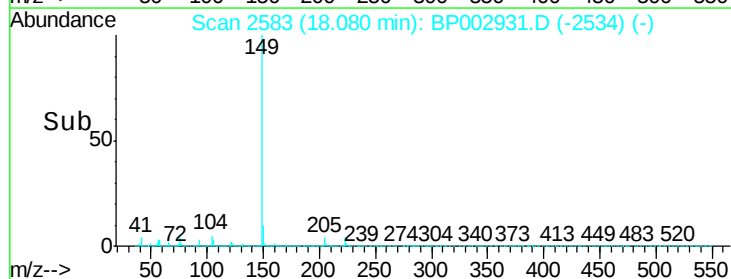
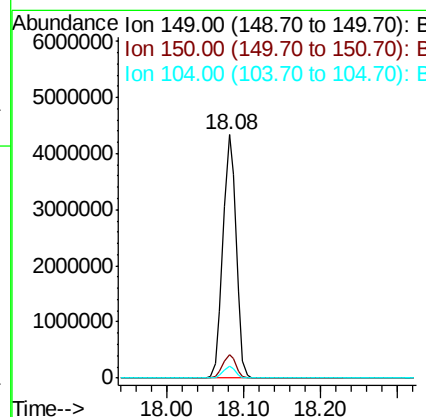
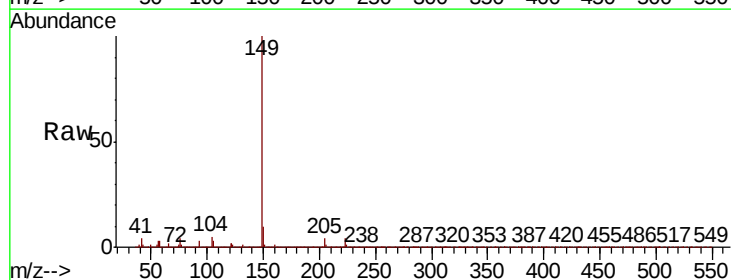
Instrument :
 BNA_P
 ClientSampleId :
 PB130730BS

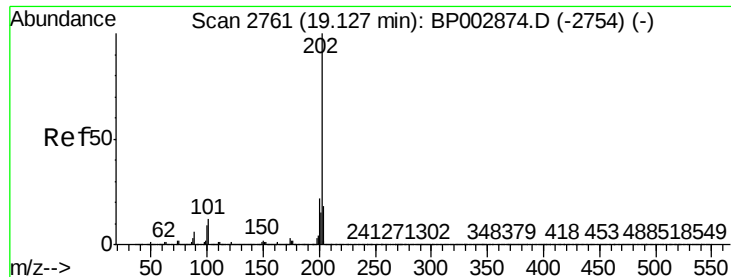
Tot Ion:167 Resp: 4394397
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 12.1 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 37.376 ng
 RT: 18.08 min Scan# 2583
 Delta R.T. -0.01 min
 Lab File: BP002931.D
 Acq: 07 Aug 2020 13:40

Tgt Ion:149 Resp: 5091024
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.9 11.9
 104 4.8 4.2 6.4





#75

Fluoranthene

Concen: 35.295 ng

RT: 19.12 min Scan# 2759

Delta R.T. -0.01 min

Lab File: BP002931.D

Acq: 07 Aug 2020 13:40

Instrument :

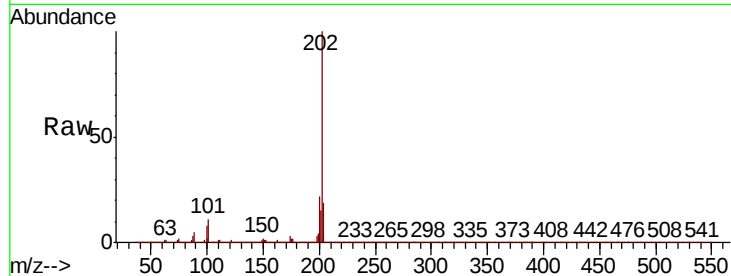
BNA_P

ClientSampleId :

PB130730BS

Tot Ion:202 Resp: 5516683

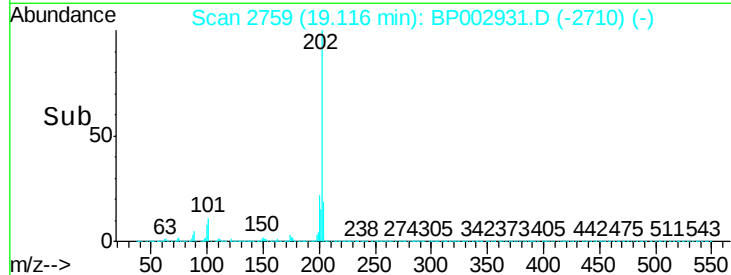
Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.6
203	18.6	0.0	38.4



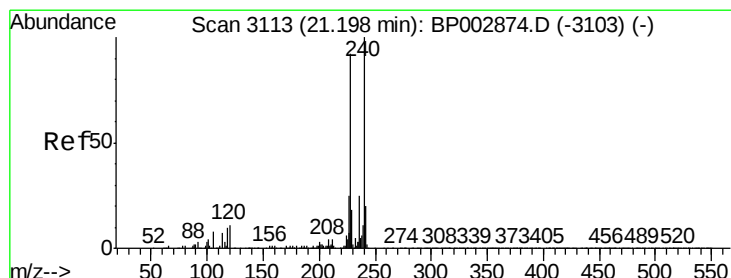
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.00 19.10 19.20



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.19 min Scan# 3112

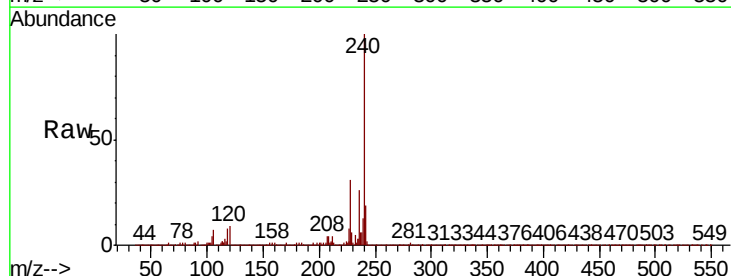
Delta R.T. -0.01 min

Lab File: BP002931.D

Acq: 07 Aug 2020 13:40

Tgt Ion:240 Resp: 1857706

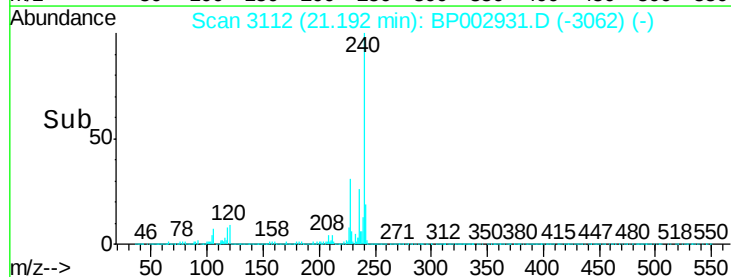
Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.9	13.3
236	26.3	20.3	30.5



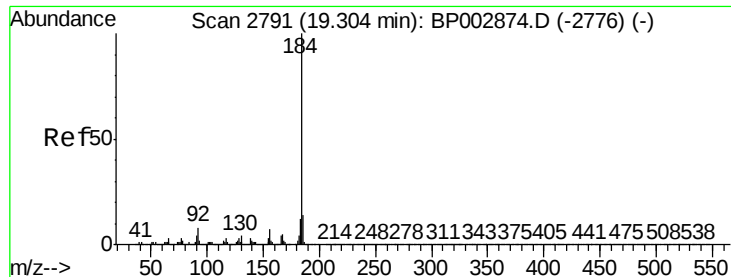
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.10 21.20 21.30



#77

Benzidine

Concen: 55.335 ng

RT: 19.29 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BP002931.D

Acq: 07 Aug 2020 13:40

Instrument :

BNA_P

ClientSampleId :

PB130730BS

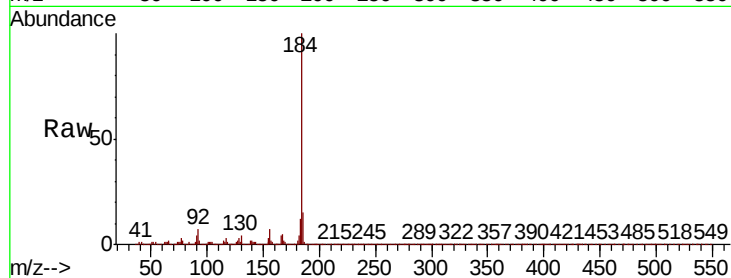
Tot Ion:184 Resp: 3134642

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.4	17.0
183	11.7	9.3	13.9

184 100

185 14.7 11.4 17.0

183 11.7 9.3 13.9

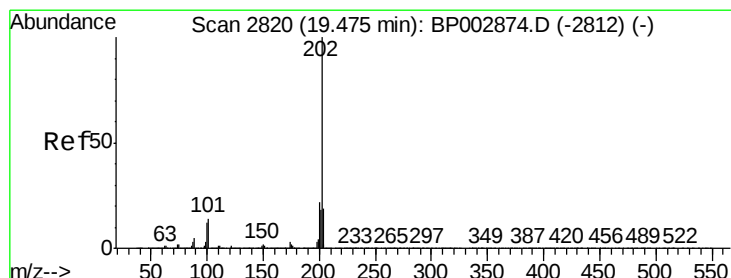
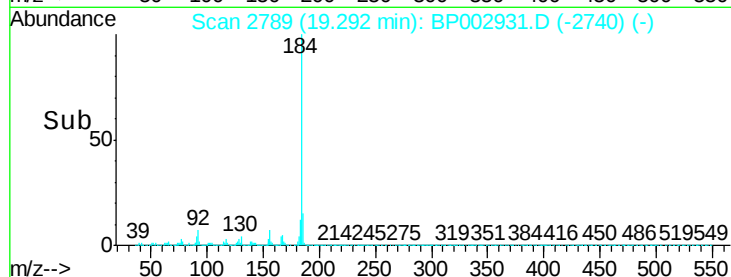
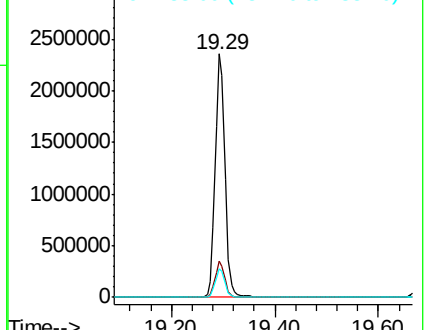


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.483 ng

RT: 19.47 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BP002931.D

Acq: 07 Aug 2020 13:40

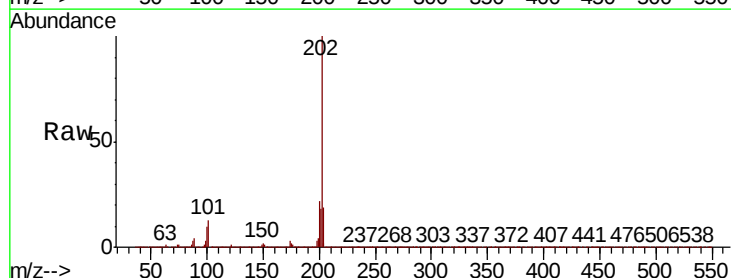
Tgt Ion:202 Resp: 5517078

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.9	26.9
203	18.8	15.1	22.7

202 100

200 22.3 17.9 26.9

203 18.8 15.1 22.7

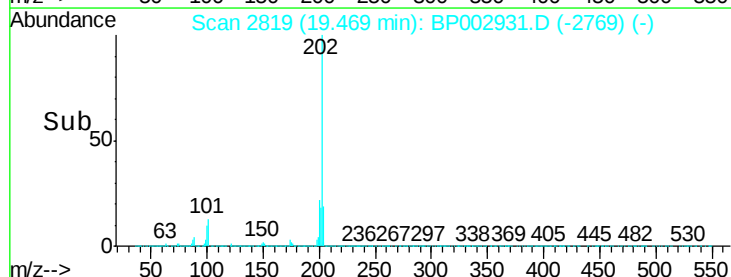
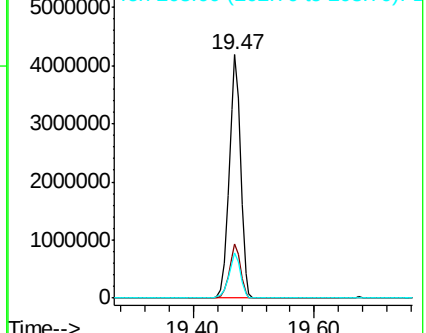


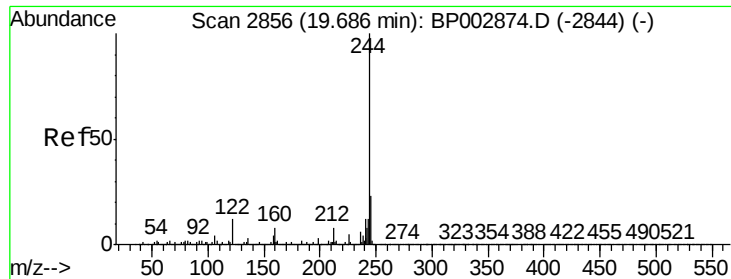
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.598 ng

RT: 19.67 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BP002931.D

Acq: 07 Aug 2020 13:40

Instrument :

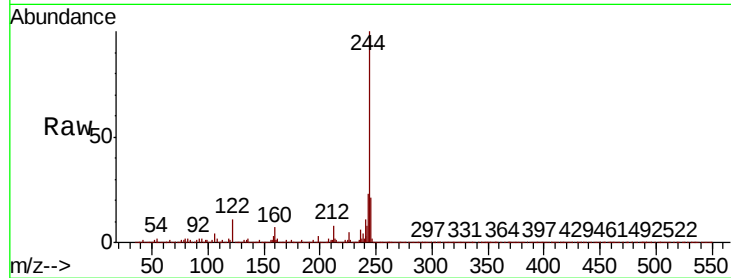
BNA_P

ClientSampleId :

PB130730BS

Tot Ion:244 Resp: 6922286

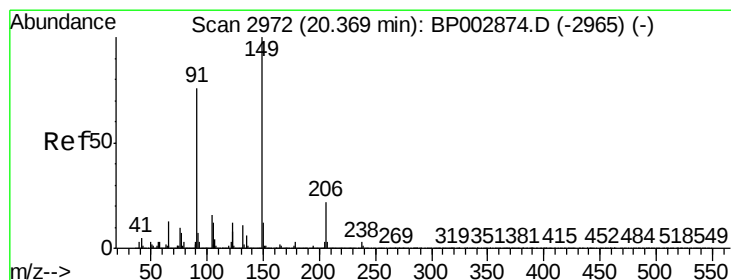
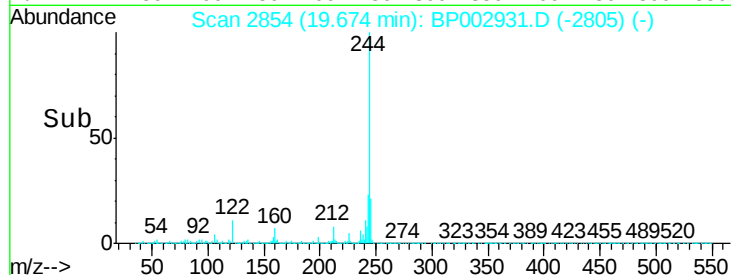
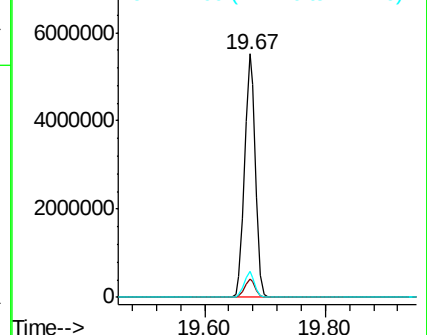
Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.4	9.6
122	10.7	9.4	14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.329 ng

RT: 20.36 min Scan# 2970

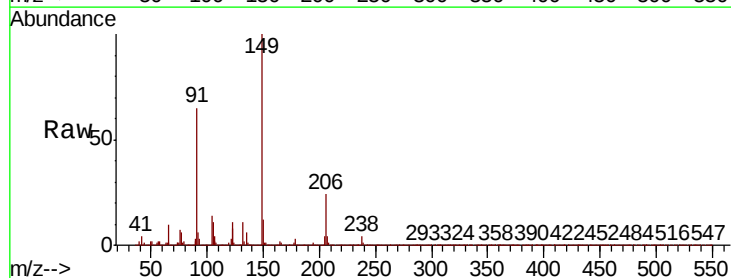
Delta R.T. -0.01 min

Lab File: BP002931.D

Acq: 07 Aug 2020 13:40

Tgt Ion:149 Resp: 1987280

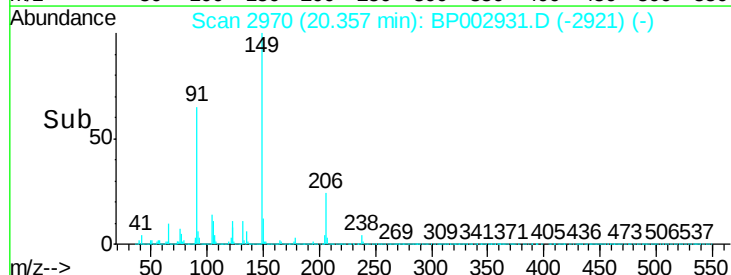
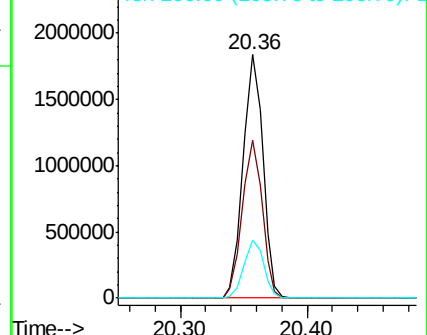
Ion	Ratio	Lower	Upper
149	100		
91	64.9	60.5	90.7
206	23.7	17.5	26.3

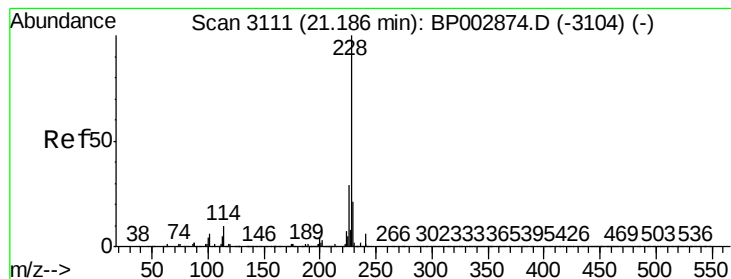


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.750 ng

RT: 21.17 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BP002931.D

Acq: 07 Aug 2020 13:40

Instrument :

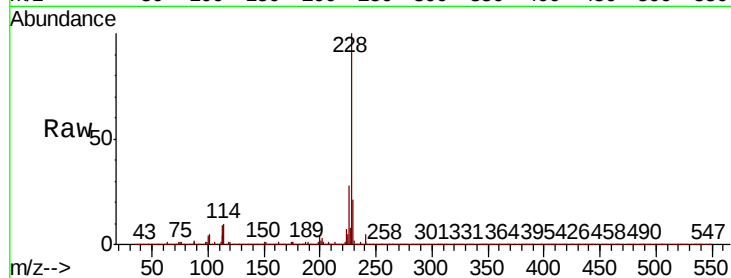
BNA_P

ClientSampleId :

PB130730BS

Tot Ion:228 Resp: 4776816

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.3	34.9
229	20.9	16.9	25.3

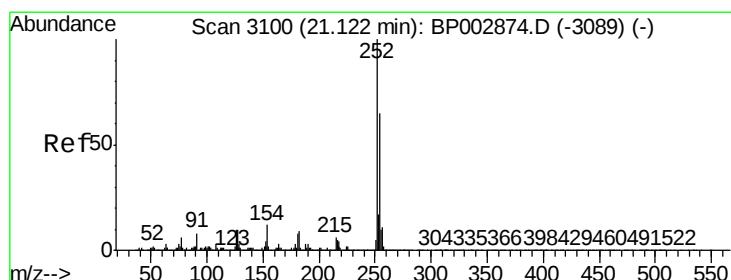
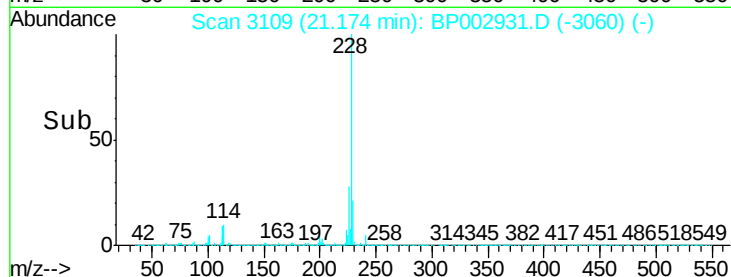
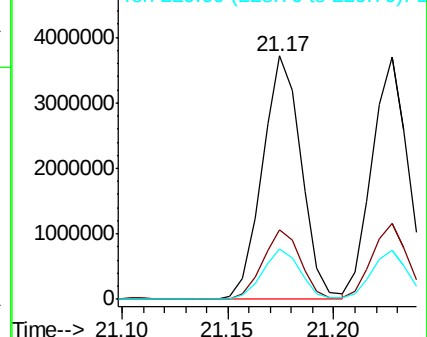


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.533 ng

RT: 21.11 min Scan# 3098

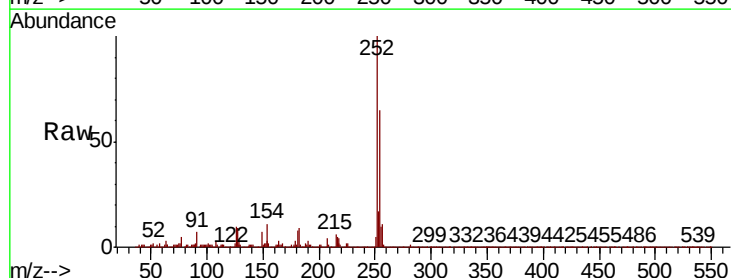
Delta R.T. -0.01 min

Lab File: BP002931.D

Acq: 07 Aug 2020 13:40

Tgt Ion:252 Resp: 1529221

Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.0	78.0
126	9.5	7.9	11.9

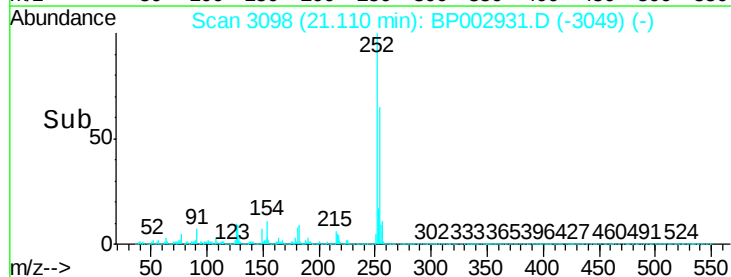
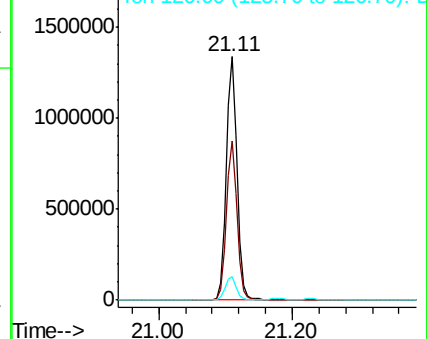


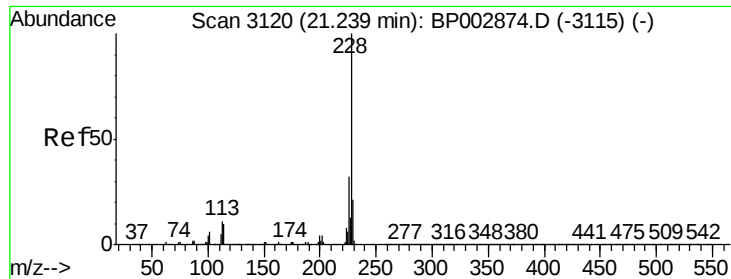
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.054 ng

RT: 21.23 min Scan# 3118

Delta R.T. -0.01 min

Lab File: BP002931.D

Acq: 07 Aug 2020 13:40

Instrument :

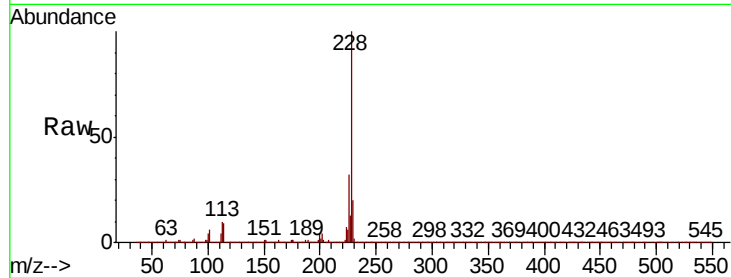
BNA_P

ClientSampleId :

PB130730BS

Tot Ion:228 Resp: 4422945

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.5	38.3
229	20.4	16.7	25.1

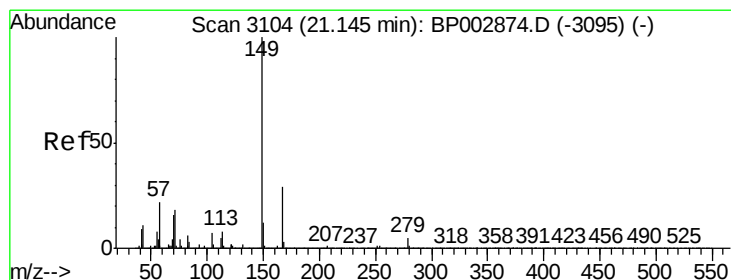
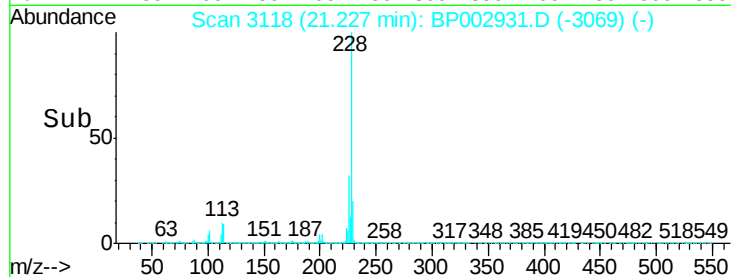
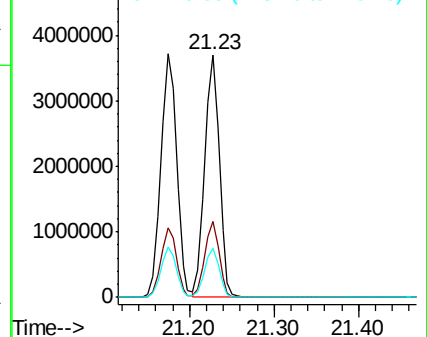


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.611 ng

RT: 21.13 min Scan# 3101

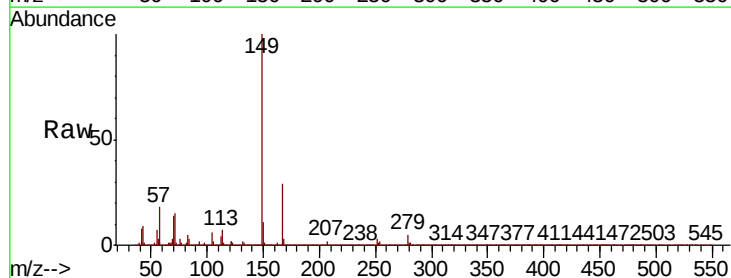
Delta R.T. -0.02 min

Lab File: BP002931.D

Acq: 07 Aug 2020 13:40

Tgt Ion:149 Resp: 2775118

Ion	Ratio	Lower	Upper
149	100		
167	29.2	23.4	35.2
279	5.1	4.0	6.0

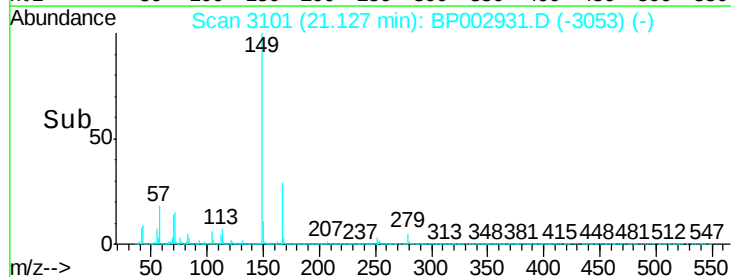
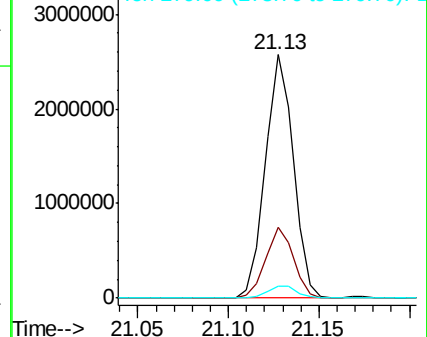


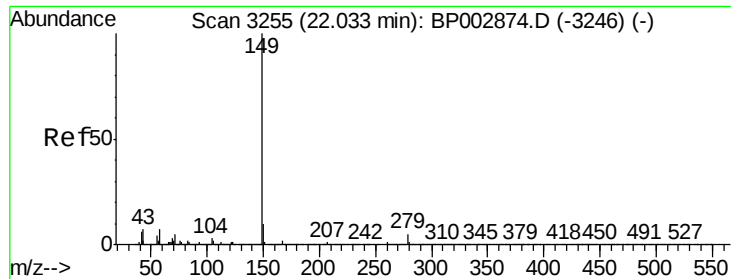
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

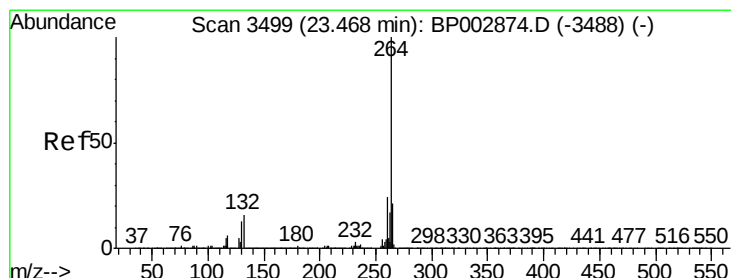
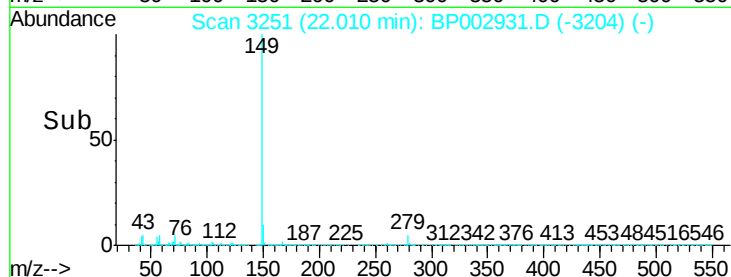
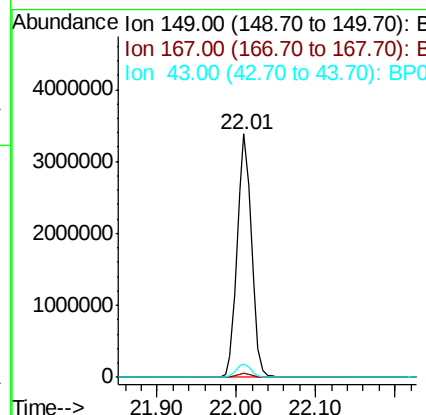
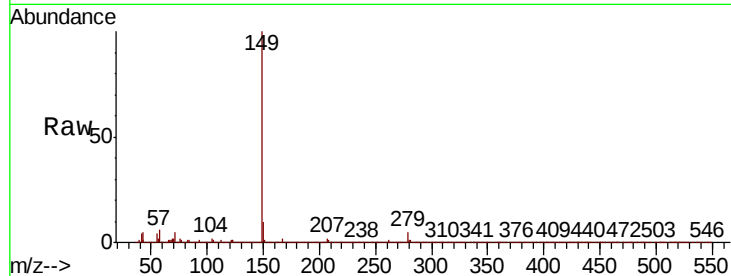




#85
Di-n-octyl phthalate
Concen: 35.788 ng
RT: 22.01 min Scan# 3251
Delta R.T. -0.02 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

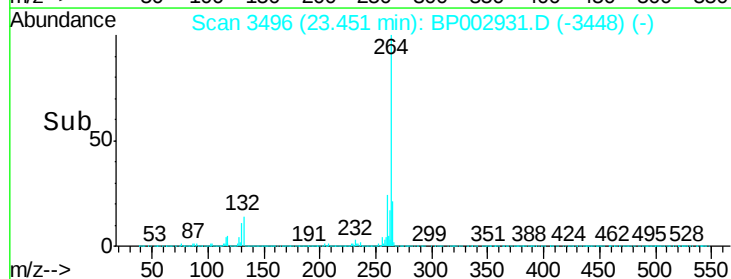
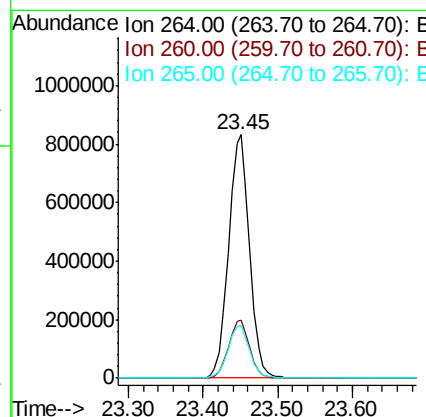
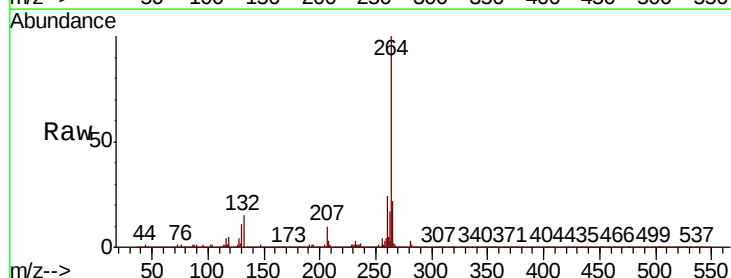
Instrument :
BNA_P
ClientSampleId :
PB130730BS

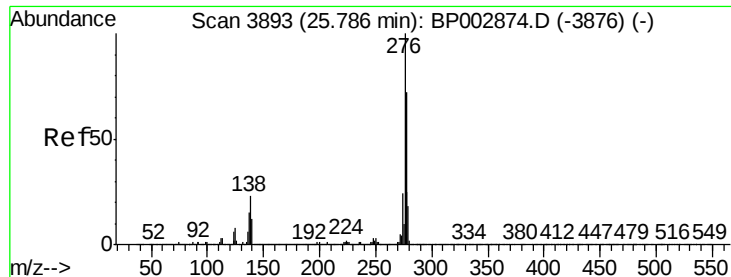
Tot Ion:149 Resp: 4225565
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 5.7 5.8 8.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.45 min Scan# 3496
Delta R.T. -0.02 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

Tgt Ion:264 Resp: 1617866
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.6
265 21.7 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.609 ng

RT: 25.76 min Scan# 3889

Delta R.T. -0.02 min

Lab File: BP002931.D

Acq: 07 Aug 2020 13:40

Instrument :

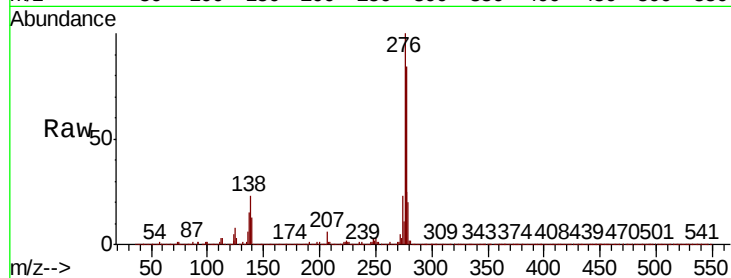
BNA_P

ClientSampleId :

PB130730BS

Tot Ion:276 Resp: 5132138

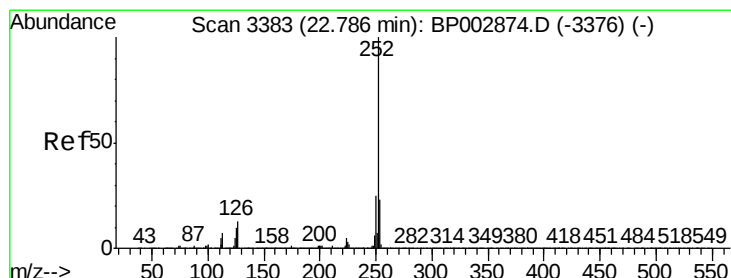
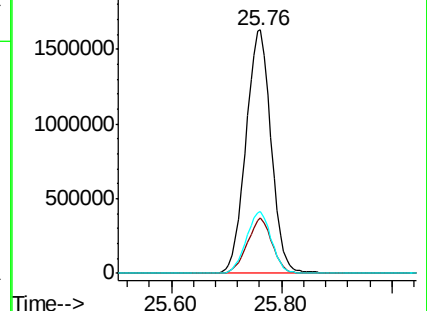
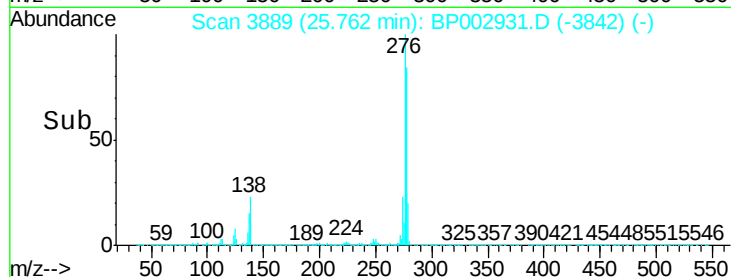
Ion	Ratio	Lower	Upper
276	100		
138	22.5	19.3	28.9
277	25.4	20.4	30.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 37.261 ng

RT: 22.77 min Scan# 3380

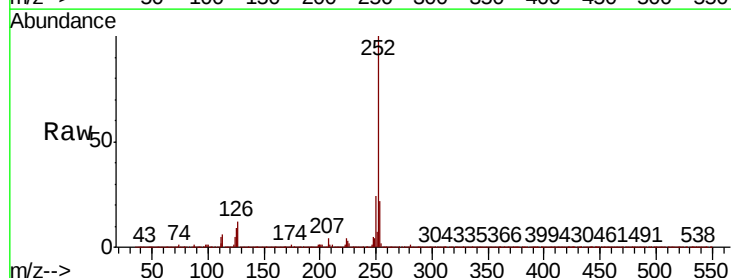
Delta R.T. -0.02 min

Lab File: BP002931.D

Acq: 07 Aug 2020 13:40

Tgt Ion:252 Resp: 4254093

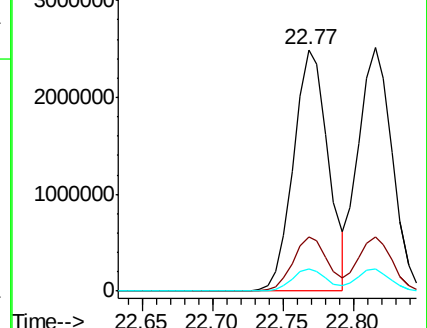
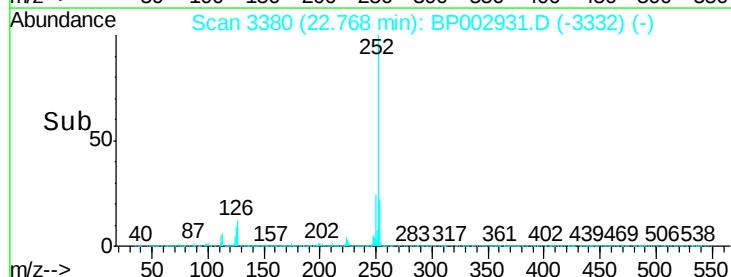
Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.3	27.5
125	9.3	7.8	11.8

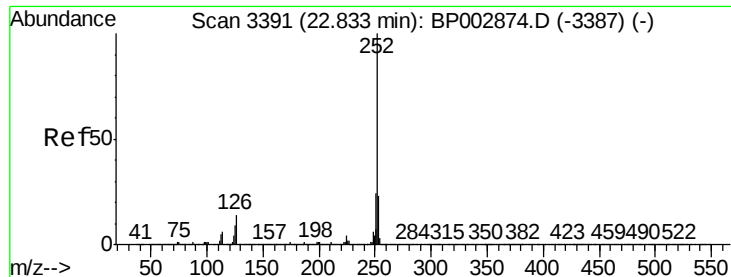


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 38.927 ng

RT: 22.82 min Scan# 3388

Delta R.T. -0.02 min

Lab File: BP002931.D

Acq: 07 Aug 2020 13:40

Instrument :

BNA_P

ClientSampleId :

PB130730BS

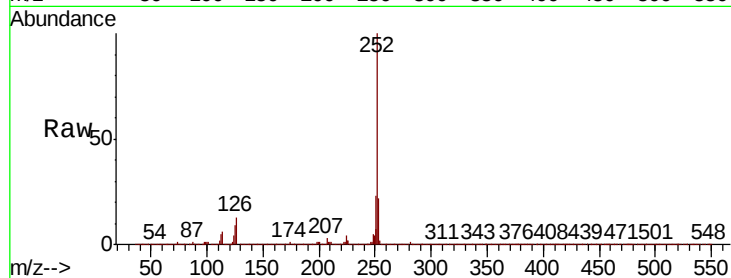
Tot Ion:252 Resp: 4200620

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

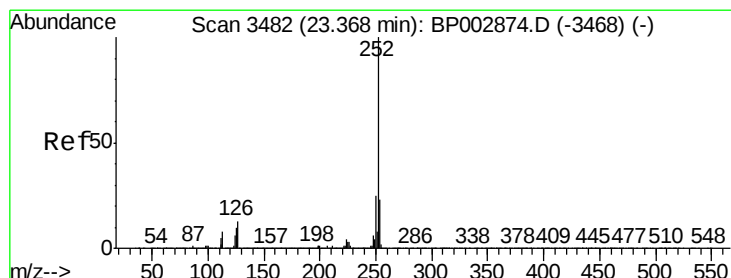
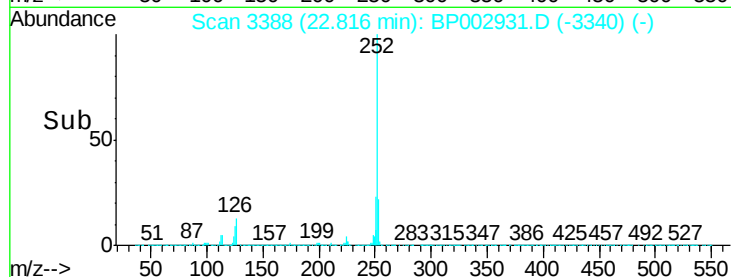
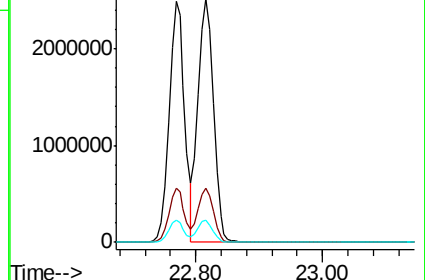
125 9.0 7.5 11.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 37.040 ng

RT: 23.35 min Scan# 3479

Delta R.T. -0.02 min

Lab File: BP002931.D

Acq: 07 Aug 2020 13:40

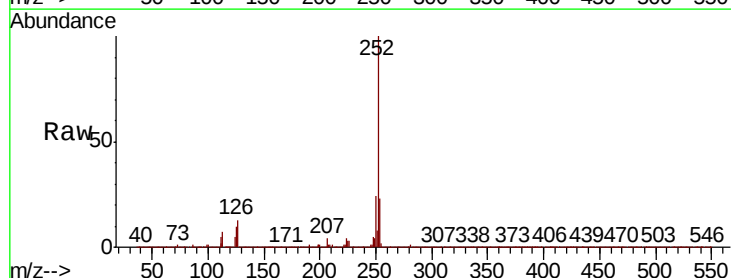
Tgt Ion:252 Resp: 3821144

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

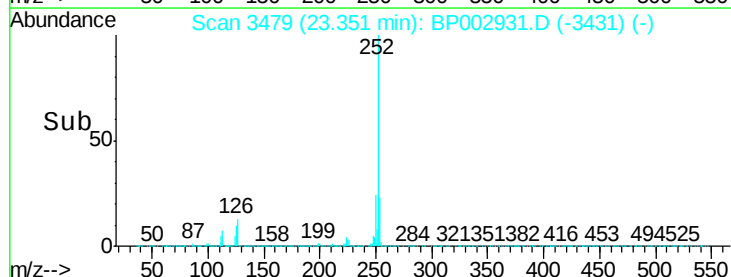
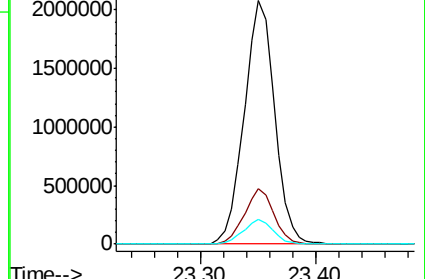
125 9.9 8.3 12.5

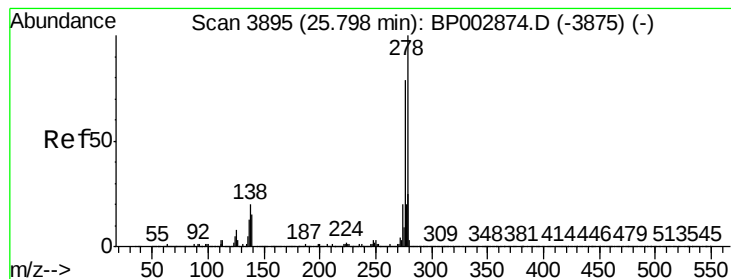


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

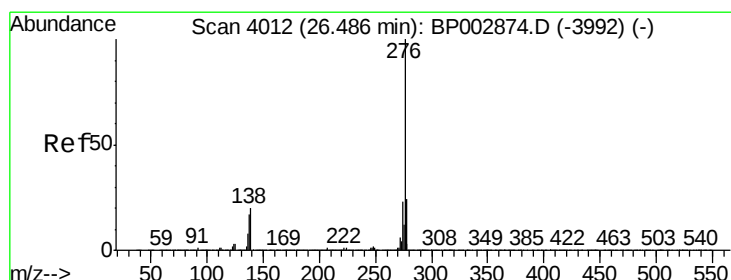
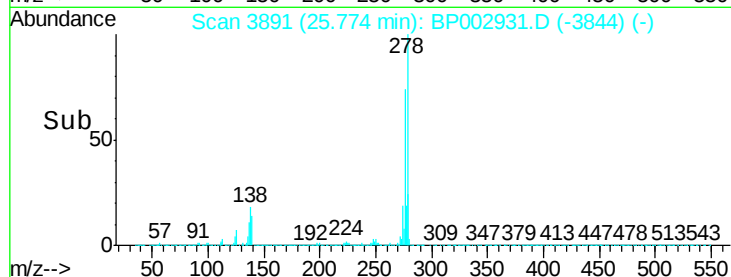
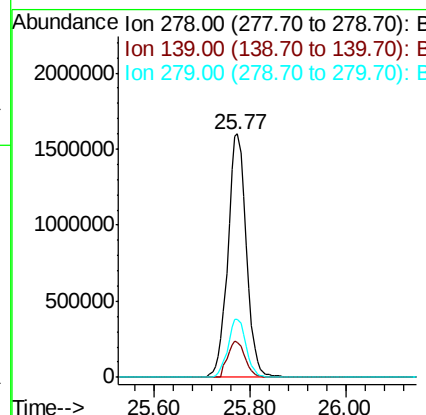
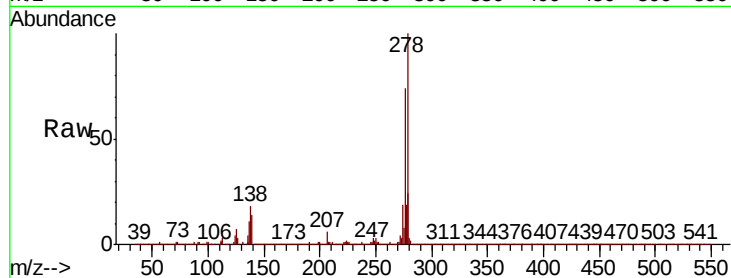




#91
Dibenzo(a,h)anthracene
Concen: 38.981 ng
RT: 25.77 min Scan# 3891
Delta R.T. -0.02 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

Instrument :
BNA_P
ClientSampleId :
PB130730BS

Tot Ion:278 Resp: 4298720
Ion Ratio Lower Upper
278 100
139 14.2 12.4 18.6
279 24.0 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 40.937 ng
RT: 26.46 min Scan# 4008
Delta R.T. -0.02 min
Lab File: BP002931.D
Acq: 07 Aug 2020 13:40

Tgt Ion:276 Resp: 4365454
Ion Ratio Lower Upper
276 100
277 23.7 19.3 28.9
138 18.6 16.2 24.2

