

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
 Data File : BP002770.D
 Acq On : 16 Jul 2020 13:53
 Operator : CG/JU
 Sample : PB130239BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 16 14:33:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:54:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	171083	20.00	ng	0.01
21) Naphthalene-d8	10.33	136	619526	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	312296	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	565959	20.00	ng	0.00
76) Chrysene-d12	21.08	240	420748	20.00	ng	0.00
86) Perylene-d12	23.27	264	418116	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	1094138	107.90	ng	0.00
7) Phenol-d6	6.76	99	1324277	91.51	ng	0.00
23) Nitrobenzene-d5	8.71	82	867555	74.90	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	316955	97.23	ng	0.01
45) 2-Fluorobiphenyl	12.83	172	1494343	74.02	ng	0.00
79) Terphenyl-d14	19.56	244	1450923	79.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	176797	39.991	ng	99
3) Pyridine	3.51	79	494671	37.547	ng	99
4) n-Nitrosodimethylamine	3.43	42	239579	48.271	ng	96
6) Aniline	6.89	93	666411	36.375	ng	98
8) 2-Chlorophenol	7.13	128	478841	42.443	ng	97
9) Benzaldehyde	6.70	77	145738	18.536	ng	98
10) Phenol	6.79	94	601162	40.552	ng	98
11) bis(2-Chloroethyl)ether	7.00	93	489489	39.698	ng	96
12) 1,3-Dichlorobenzene	7.45	146	524609	40.552	ng	98
13) 1,4-Dichlorobenzene	7.60	146	533512	41.093	ng	98
14) 1,2-Dichlorobenzene	7.91	146	506167	40.429	ng	99
15) Benzyl Alcohol	7.80	79	408931	42.226	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.10	45	695248	39.206	ng	99
17) 2-Methylphenol	8.02	107	392297	37.144	ng	98
18) Hexachloroethane	8.63	117	202513	44.039	ng	96
19) n-Nitroso-di-n-propylamine	8.37	70	338749	38.438	ng	99
20) 3+4-Methylphenols	8.35	107	504208	36.105	ng	97
22) Acetophenone	8.38	105	634525	41.546	ng	# 99
24) Nitrobenzene	8.75	77	550410	43.875	ng	99
25) Isophorone	9.28	82	959415	40.639	ng	100
26) 2-Nitrophenol	9.46	139	249798	46.102	ng	98
27) 2,4-Dimethylphenol	9.54	122	392742	44.647	ng	99
28) bis(2-Chloroethoxy)methane	9.76	93	610450	42.571	ng	99
29) 2,4-Dichlorophenol	10.00	162	408911	42.163	ng	99
30) 1,2,4-Trichlorobenzene	10.20	180	457403	41.176	ng	98
31) Naphthalene	10.38	128	1315809	40.229	ng	99
32) Benzoic acid	9.72	122	185178	30.269	ng	99
33) 4-Chloroaniline	10.50	127	309714	22.098	ng	98
34) Hexachlorobutadiene	10.68	225	270934	42.197	ng	99
35) Caprolactam	11.27	113	122605	36.156	ng	99
36) 4-Chloro-3-methylphenol	11.66	107	409552	39.177	ng	100
37) 2-Methylnaphthalene	12.01	142	889857	38.554	ng	99
38) 1-Methylnaphthalene	12.23	142	840637	38.507	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	439897	45.834	ng	99

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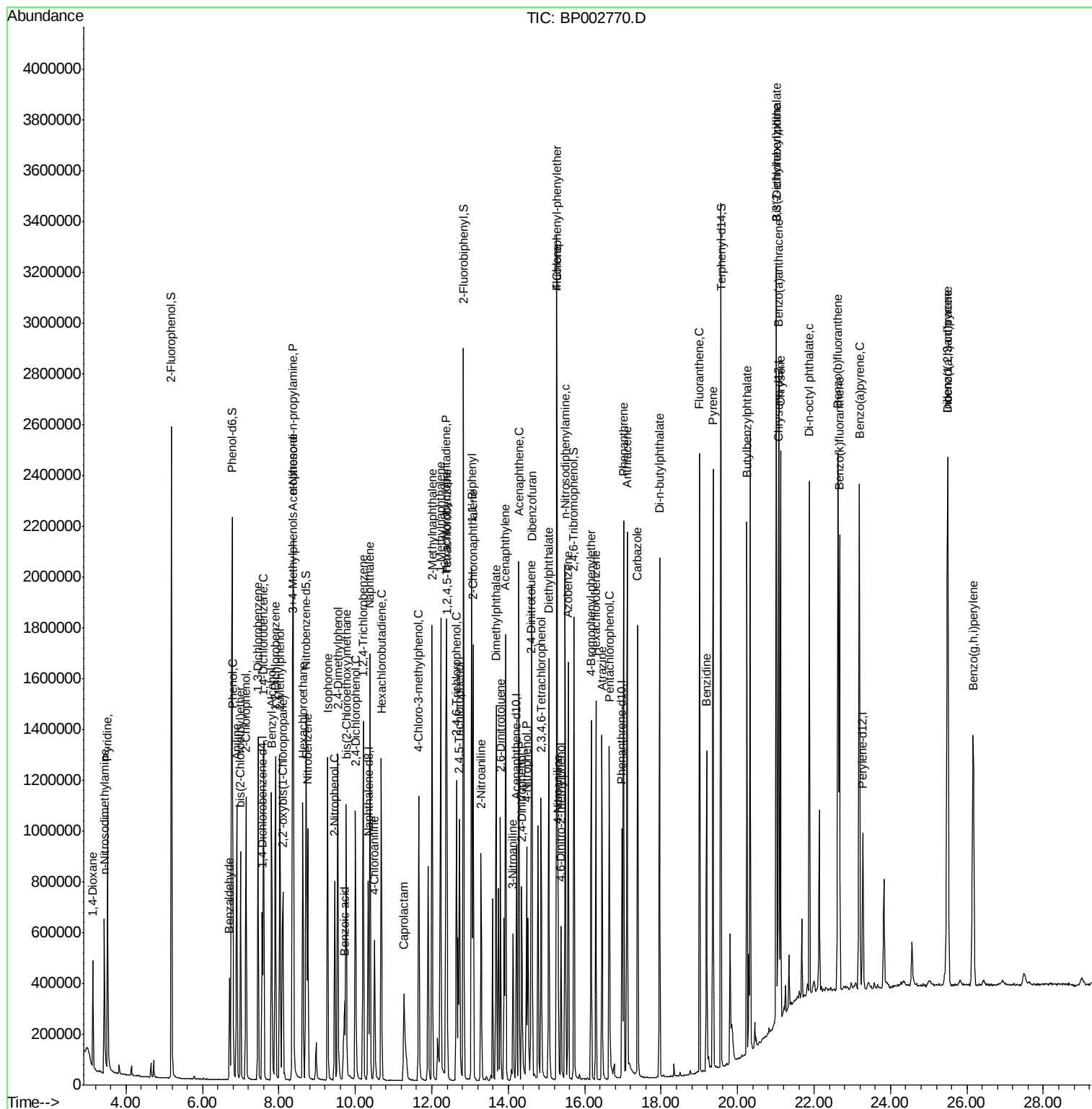
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.37	237	434138	100.063	ng	99
43) 2,4,6-Trichlorophenol	12.64	196	289342	47.099	ng	99
44) 2,4,5-Trichlorophenol	12.73	196	294585	41.343	ng	98
46) 1,1'-Biphenyl	13.04	154	1033721	44.400	ng	99
47) 2-Chloronaphthalene	13.07	162	828481	43.811	ng	99
48) 2-Nitroaniline	13.29	65	265120	45.356	ng	94
49) Acenaphthylene	13.93	152	1263049	42.368	ng	99
50) Dimethylphthalate	13.68	163	941929	39.549	ng	99
51) 2,6-Dinitrotoluene	13.80	165	213174	41.808	ng	98
52) Acenaphthene	14.28	154	735585	41.287	ng	100
53) 3-Nitroaniline	14.13	138	148504	26.031	ng	98
54) 2,4-Dinitrophenol	14.35	184	185267	67.250	ng	94
55) Dibenzofuran	14.62	168	1144263	40.046	ng	98
56) 4-Nitrophenol	14.47	139	279399	62.292	ng	96
57) 2,4-Dinitrotoluene	14.60	165	270339	40.258	ng	93
58) Fluorene	15.27	166	845769	40.002	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.86	232	226941	40.406	ng	100
60) Diethylphthalate	15.06	149	876805	37.970	ng	99
61) 4-Chlorophenyl-phenylether	15.27	204	435544	38.769	ng	99
62) 4-Nitroaniline	15.30	138	199669	33.205	ng	94
63) Azobenzene	15.56	77	979109	41.237	ng	98
65) 4,6-Dinitro-2-methylphenol	15.37	198	137166	41.365	ng	98
66) n-Nitrosodiphenylamine	15.49	169	766694	45.859	ng	100
67) 4-Bromophenyl-phenylether	16.17	248	267481	43.387	ng	98
68) Hexachlorobenzene	16.29	284	290214	44.679	ng	97
69) Atrazine	16.45	200	229704	50.327	ng	97
70) Pentachlorophenol	16.64	266	253154	80.528	ng	99
71) Phenanthrene	17.02	178	1298287	42.368	ng	100
72) Anthracene	17.11	178	1315116	43.735	ng	99
73) Carbazole	17.38	167	1166132	39.519	ng	99
74) Di-n-butylphthalate	17.96	149	1425614	44.547	ng	100
75) Fluoranthene	19.00	202	1435692	40.434	ng	98
77) Benzidine	19.19	184	765530	73.404	ng	99
78) Pyrene	19.36	202	1411651	48.594	ng	99
80) Butylbenzylphthalate	20.25	149	590557	51.516	ng	98
81) Benzo(a)anthracene	21.07	228	1176341	43.190	ng	99
82) 3,3'-Dichlorobenzidine	21.00	252	377483	41.849	ng	99
83) Chrysene	21.12	228	1118142	43.128	ng	98
84) Bis(2-ethylhexyl)phthalate	21.02	149	773770	48.531	ng	98
85) Di-n-octyl phthalate	21.87	149	1337587	46.663	ng	100
87) Indeno(1,2,3-cd)pyrene	25.49	276	1456821	48.207	ng	99
88) Benzo(b)fluoranthene	22.62	252	1123060	43.257	ng	99
89) Benzo(k)fluoranthene	22.66	252	1162274	45.449	ng	99
90) Benzo(a)pyrene	23.18	252	1072169	43.579	ng	99
91) Dibenzo(a,h)anthracene	25.50	278	1209409	49.624	ng	98
92) Benzo(g,h,i)perylene	26.16	276	1235007	49.980	ng	98

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

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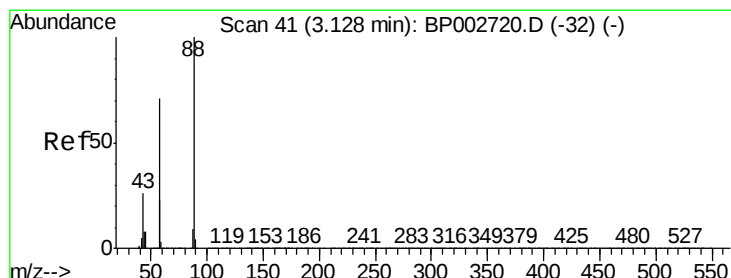
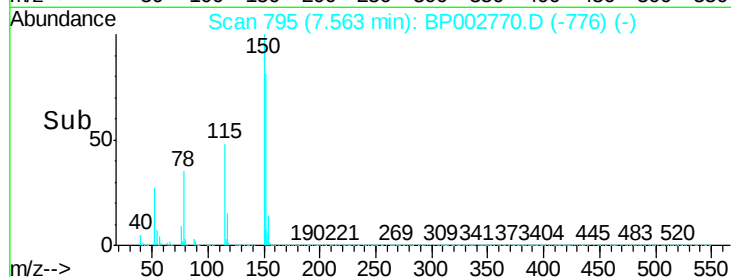
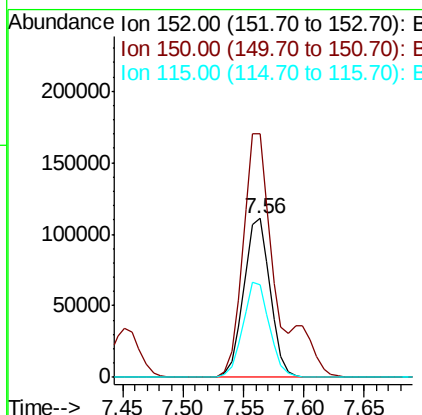
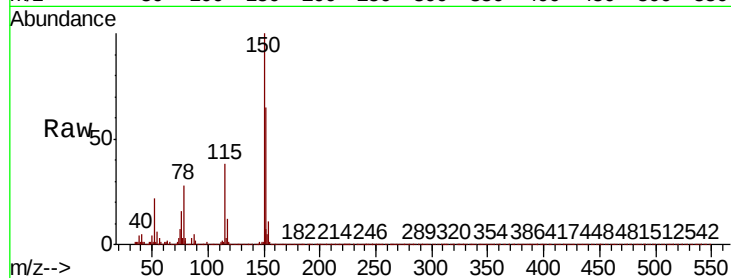


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 795
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

Instrument :
BNA_P
ClientSampleId :

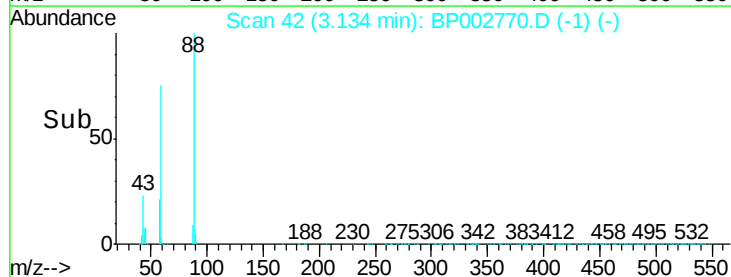
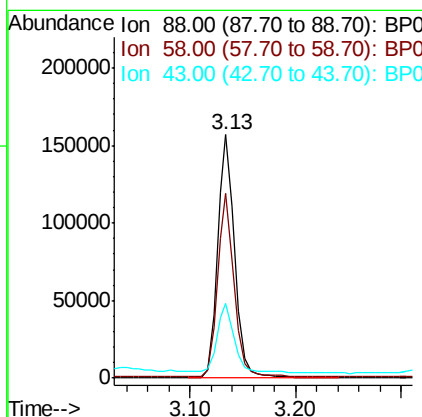
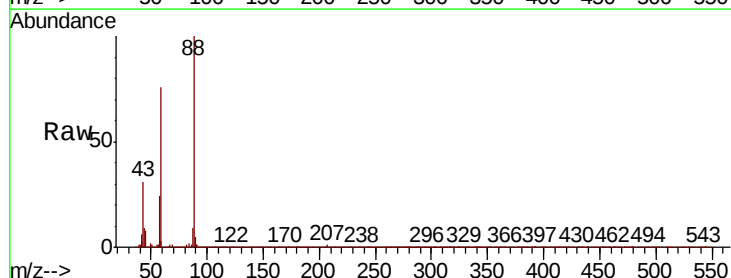
Tot Ion:152 Resp: 171083
Ion Ratio Lower Upper
152 100
150 153.4 123.7 185.5
115 58.6 47.2 70.8

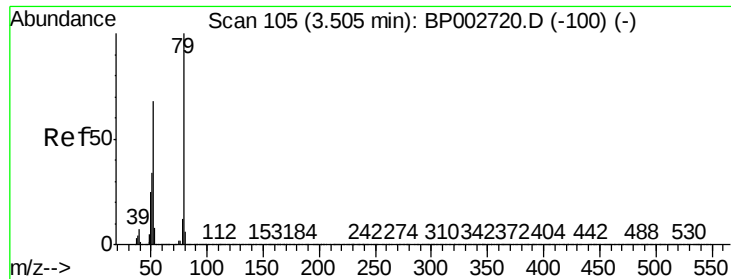


#2

1,4-Dioxane
Concen: 39.991 ng
RT: 3.13 min Scan# 42
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

Tgt Ion: 88 Resp: 176797
Ion Ratio Lower Upper
88 100
58 72.7 58.2 87.4
43 28.9 21.5 32.3

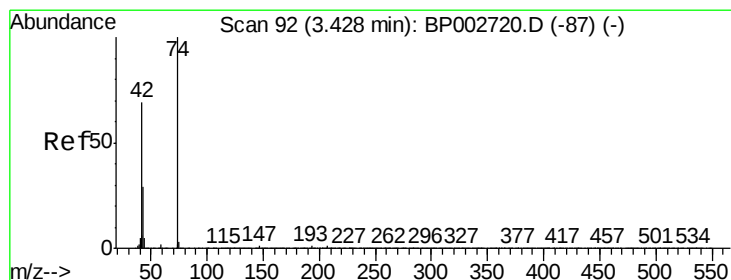
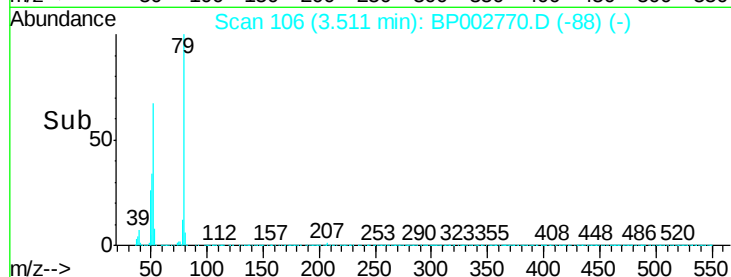
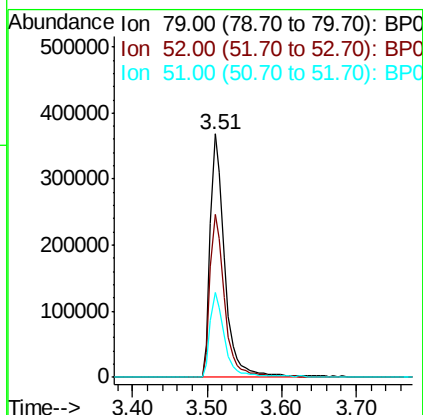
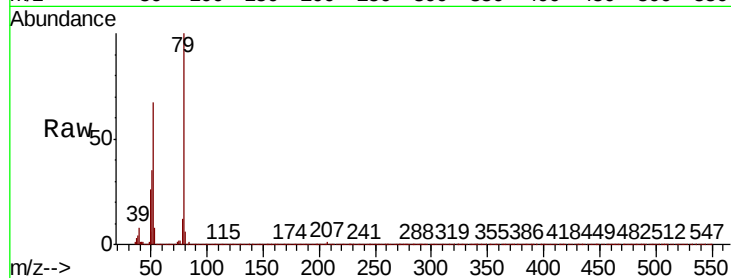




#3
 Pvridine
 Concen: 37.547 ng
 RT: 3.51 min Scan# 106
 Delta R.T. 0.01 min
 Lab File: BP002770.D
 Acq: 16 Jul 2020 13:53

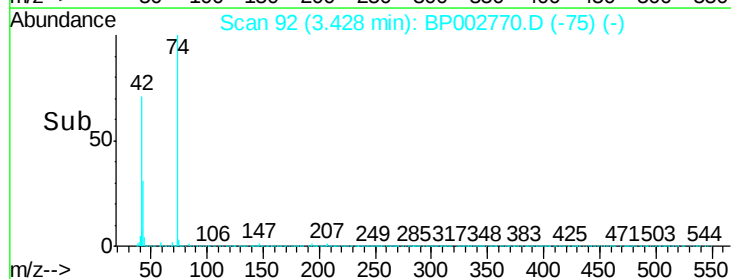
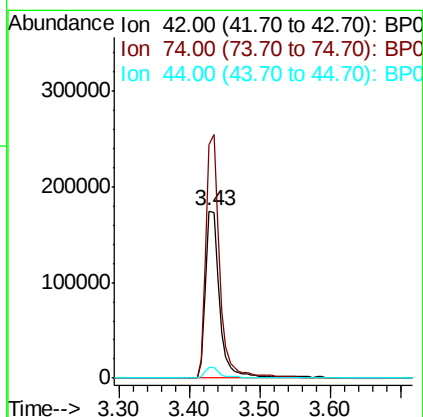
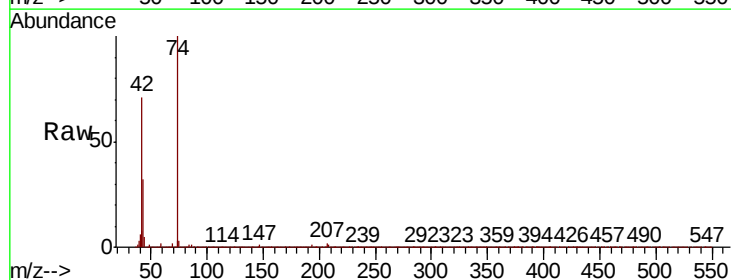
Instrument :
 BNA_P
 ClientSampleId :

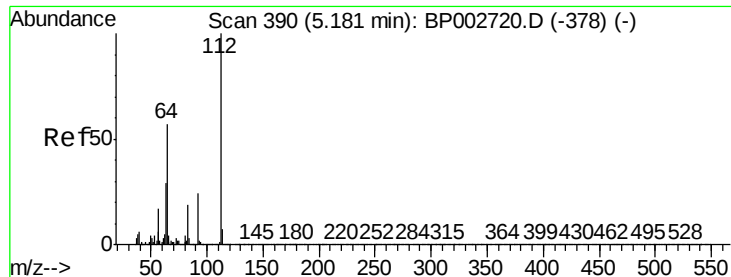
Tot Ion: 79 Resp: 494671
 Ion Ratio Lower Upper
 79 100
 52 67.0 54.2 81.2
 51 34.6 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 48.271 ng
 RT: 3.43 min Scan# 92
 Delta R.T. 0.00 min
 Lab File: BP002770.D
 Acq: 16 Jul 2020 13:53

Tgt Ion: 42 Resp: 239579
 Ion Ratio Lower Upper
 42 100
 74 139.9 116.3 174.5
 44 6.5 5.9 8.9





#5

2-Fluorophenol

Concen: 107.902 ng

RT: 5.19 min Scan# 391

Delta R.T. 0.01 min

Lab File: BP002770.D

Acq: 16 Jul 2020 13:53

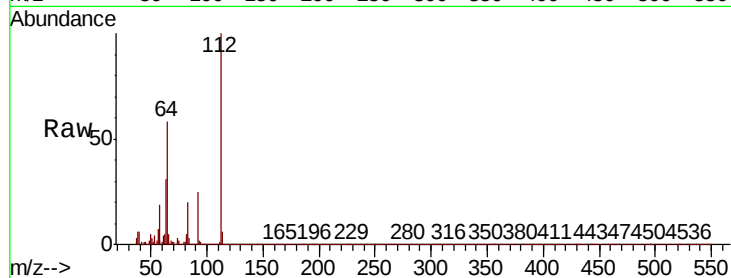
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 112 Resp: 1094138

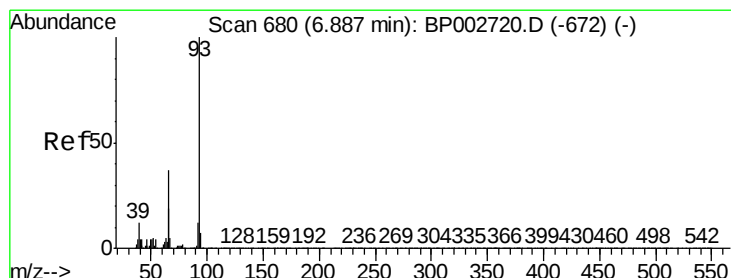
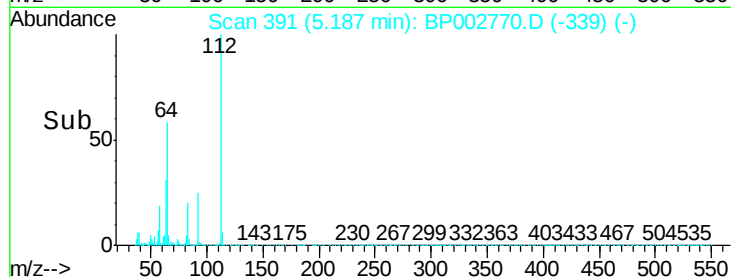
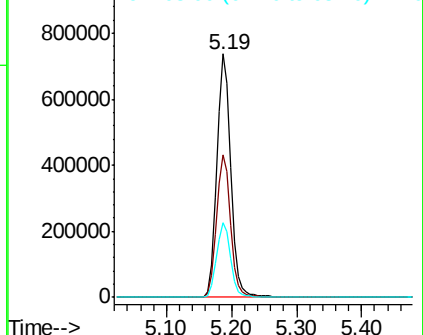
Ion	Ratio	Lower	Upper
112	100		
64	58.4	45.6	68.4
63	30.6	23.5	35.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 36.375 ng

RT: 6.89 min Scan# 681

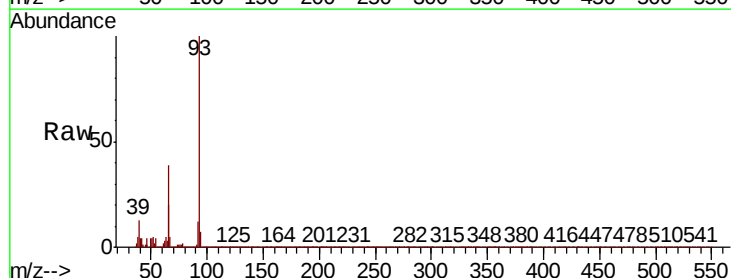
Delta R.T. 0.01 min

Lab File: BP002770.D

Acq: 16 Jul 2020 13:53

Tgt Ion: 93 Resp: 666411

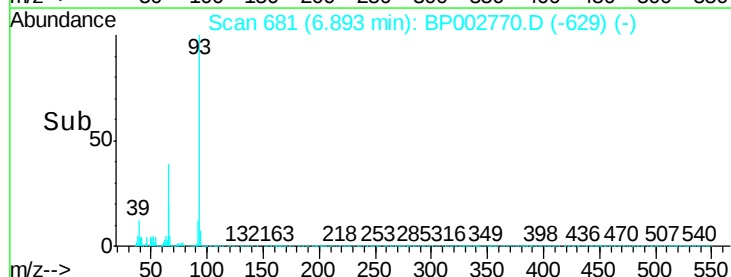
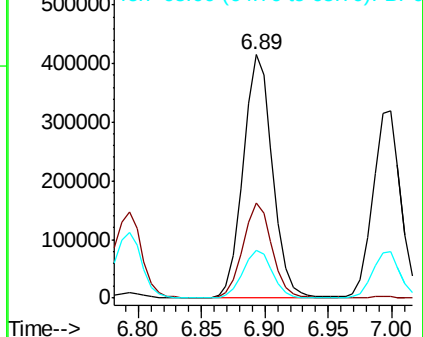
Ion	Ratio	Lower	Upper
93	100		
66	38.9	30.1	45.1
65	19.9	15.4	23.2

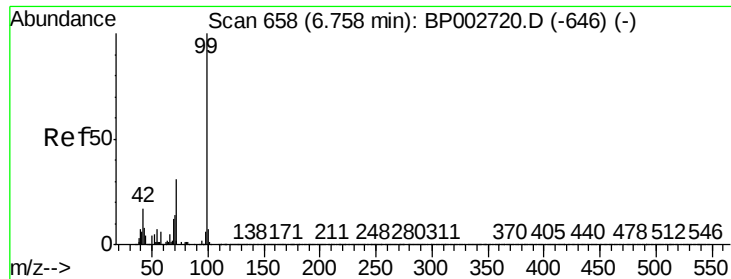


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 91.508 ng

RT: 6.76 min Scan# 659

Delta R.T. 0.01 min

Lab File: BP002770.D

Acq: 16 Jul 2020 13:53

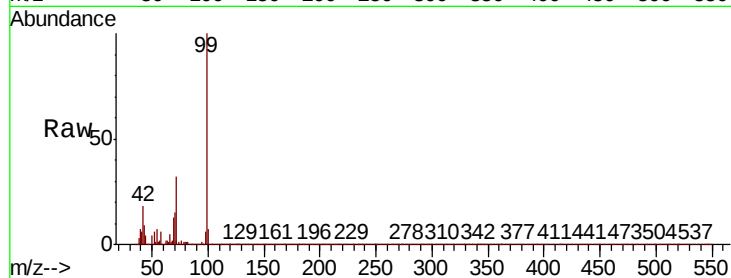
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1324277

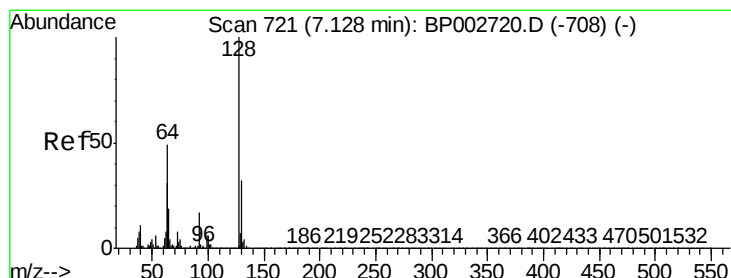
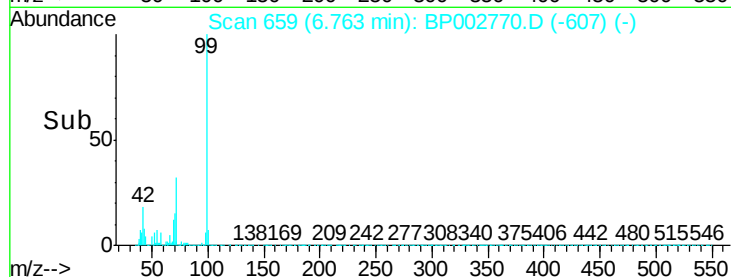
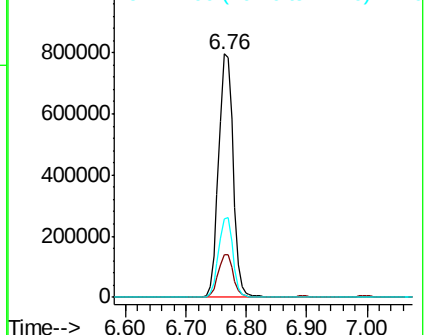
Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.4	20.2
71	32.2	24.6	36.8



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 42.443 ng

RT: 7.13 min Scan# 722

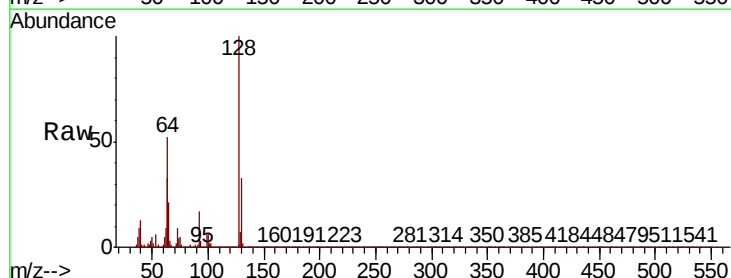
Delta R.T. 0.01 min

Lab File: BP002770.D

Acq: 16 Jul 2020 13:53

Tgt Ion: 128 Resp: 478841

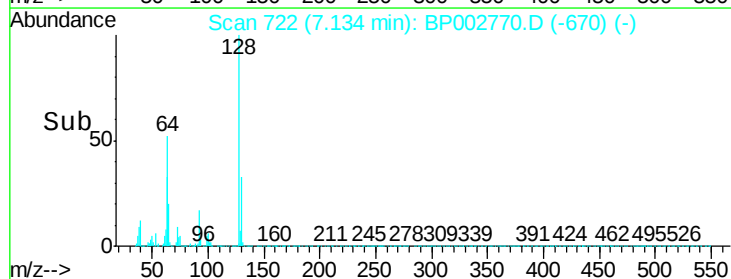
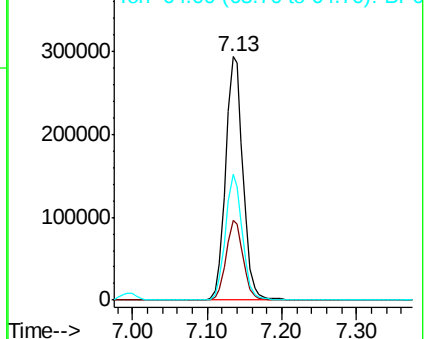
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.2	52.2
64	51.7	28.8	68.8

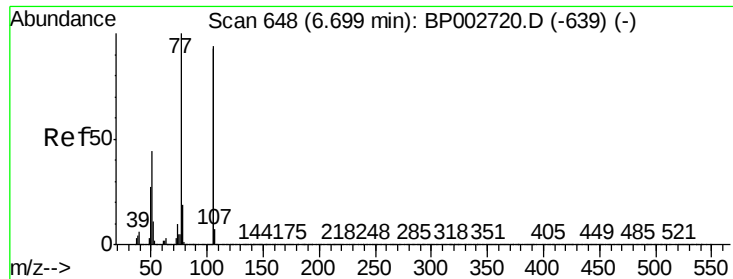


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 18.536 ng

RT: 6.70 min Scan# 649

Delta R.T. 0.00 min

Lab File: BP002770.D

Acq: 16 Jul 2020 13:53

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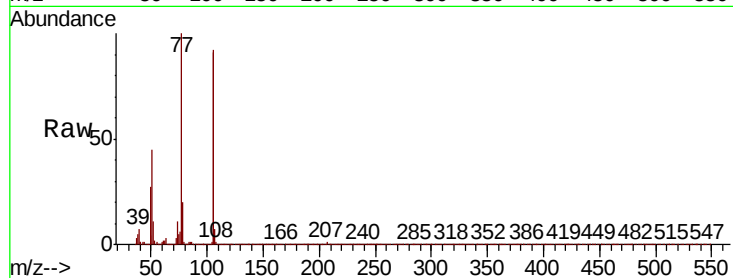
Tot Ion: 77 Resp: 145738

Ion Ratio Lower Upper

77 100

105 92.1 73.2 113.2

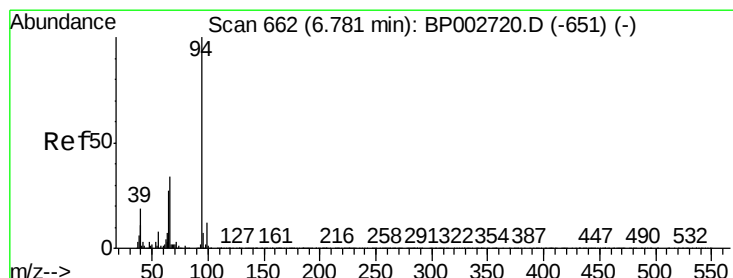
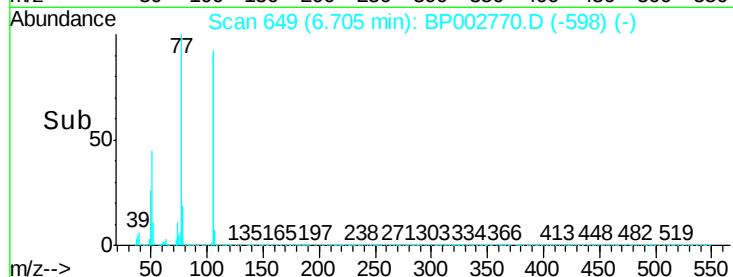
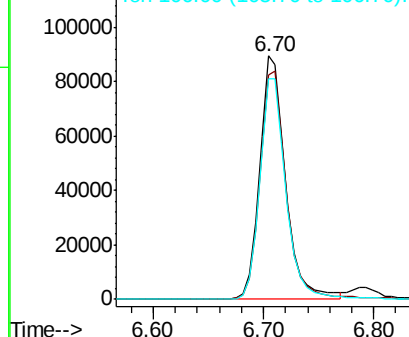
106 90.6 73.6 113.6



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 40.552 ng

RT: 6.79 min Scan# 664

Delta R.T. 0.01 min

Lab File: BP002770.D

Acq: 16 Jul 2020 13:53

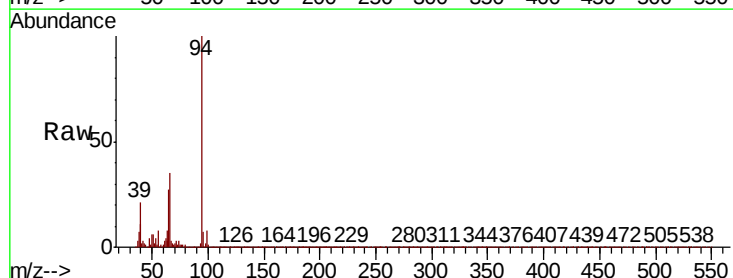
Tgt Ion: 94 Resp: 601162

Ion Ratio Lower Upper

94 100

65 27.3 7.0 47.0

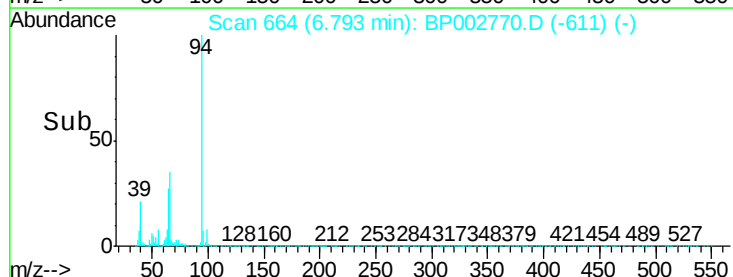
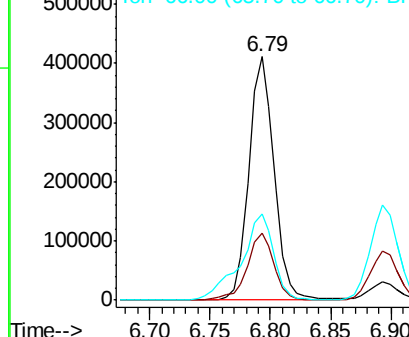
66 35.5 13.7 53.7

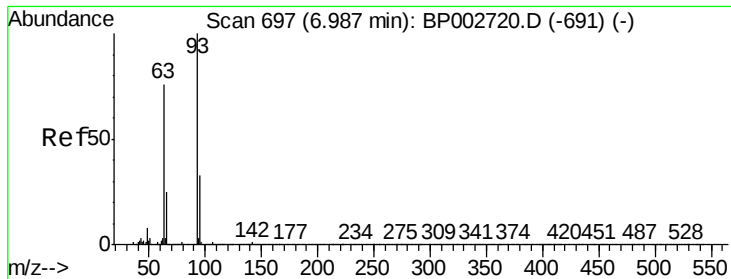


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

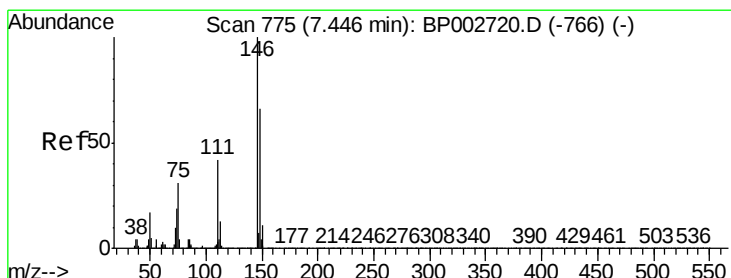
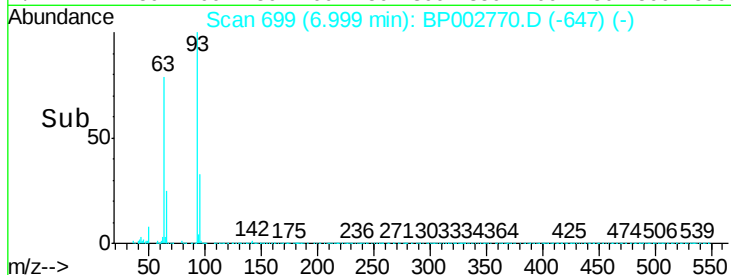
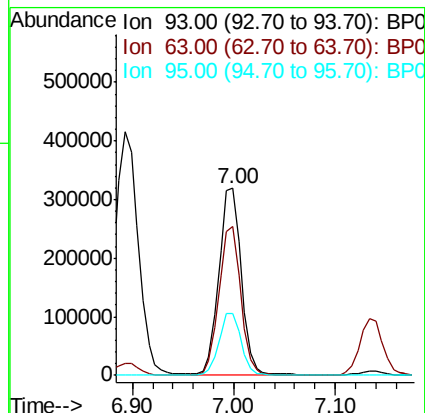
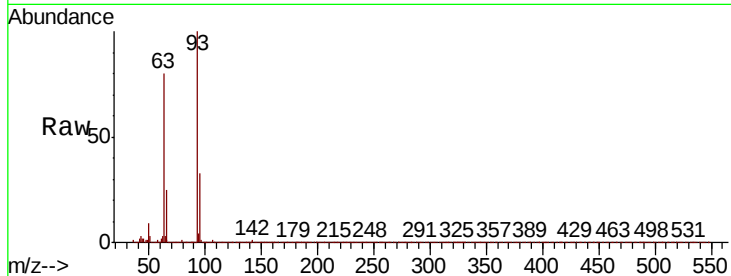




#11
bis(2-Chloroethyl)ether
Concen: 39.698 ng
RT: 7.00 min Scan# 699
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

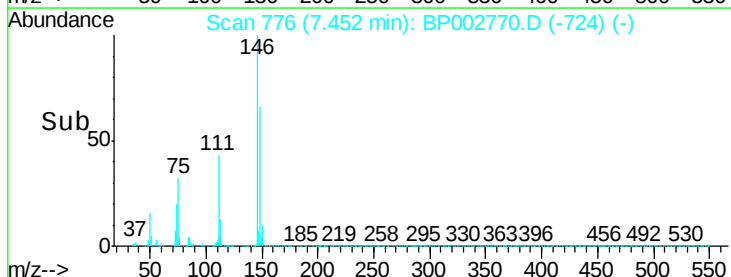
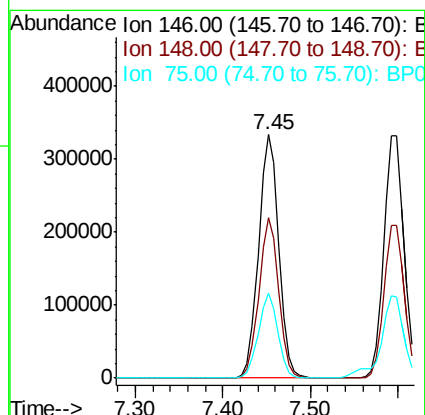
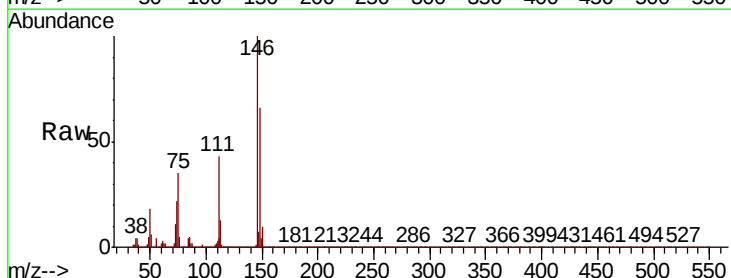
Instrument :
BNA_P
ClientSampled :

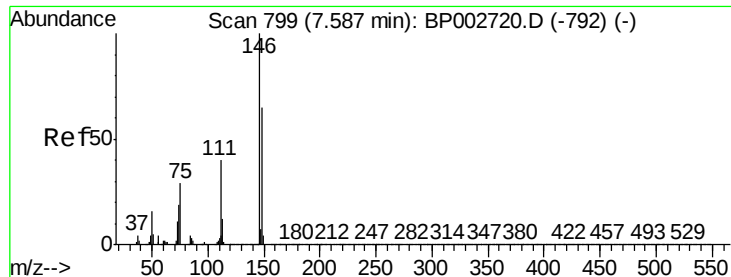
Tot Ion	Ratio	Lower	Upper
93	100		
63	79.7	55.1	95.1
95	33.4	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 40.552 ng
RT: 7.45 min Scan# 776
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	52.6	78.8
75	34.7	25.2	37.8





#13

1,4-Dichlorobenzene

Concen: 41.093 ng

RT: 7.60 min Scan# 801

Delta R.T. 0.01 min

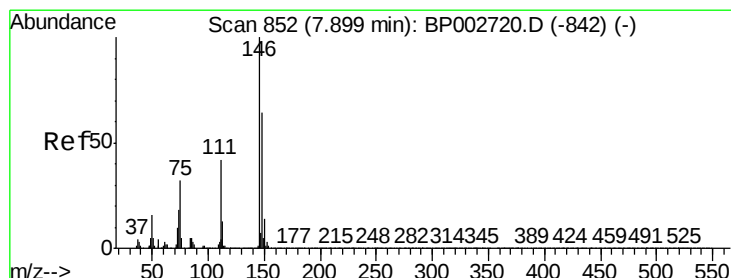
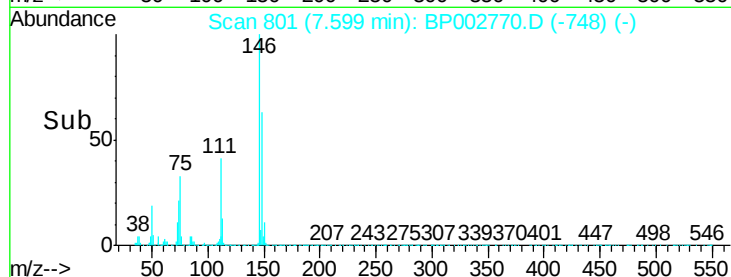
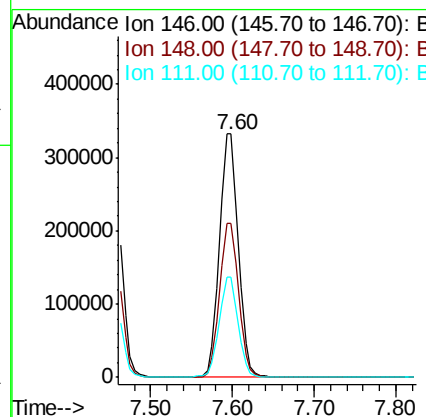
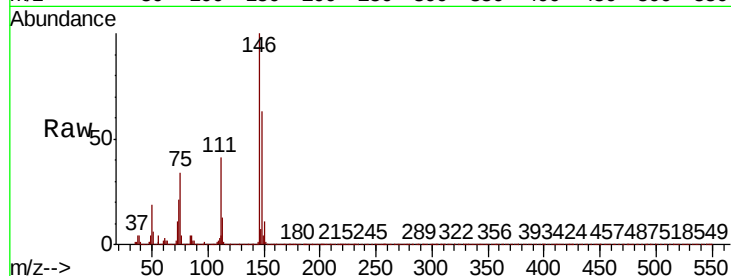
Lab File: BP002770.D

Acq: 16 Jul 2020 13:53

Instrument :
BNA_P
ClientSampleId :

Tot Ion:146 Resp: 533512

Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.1	78.1
111	41.2	32.2	48.2



#14

1,2-Dichlorobenzene

Concen: 40.429 ng

RT: 7.91 min Scan# 854

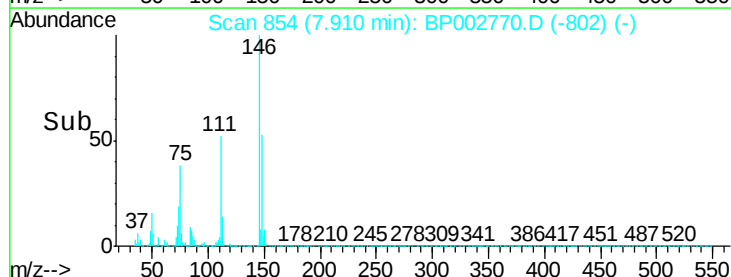
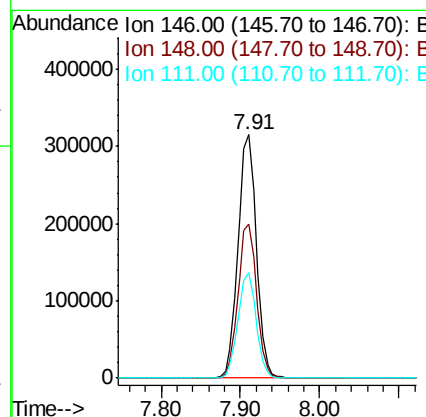
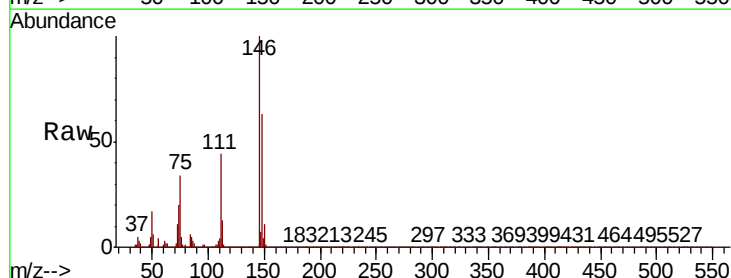
Delta R.T. 0.01 min

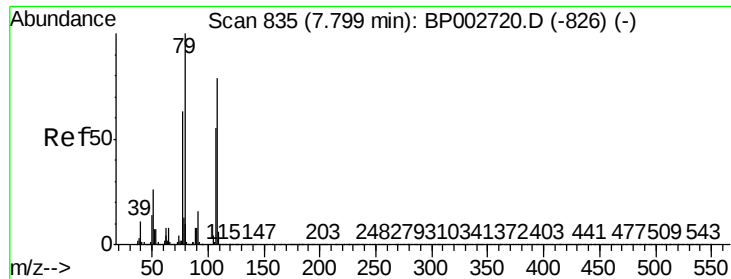
Lab File: BP002770.D

Acq: 16 Jul 2020 13:53

Tgt Ion:146 Resp: 506167

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.0	76.6
111	43.5	33.9	50.9

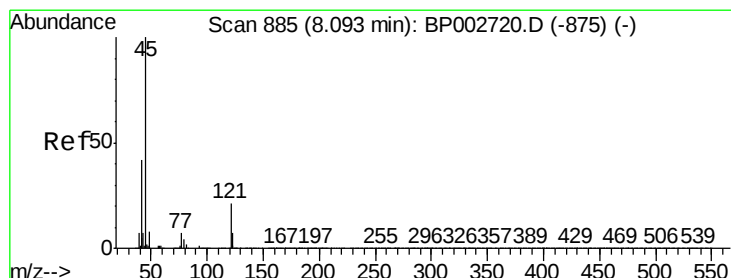
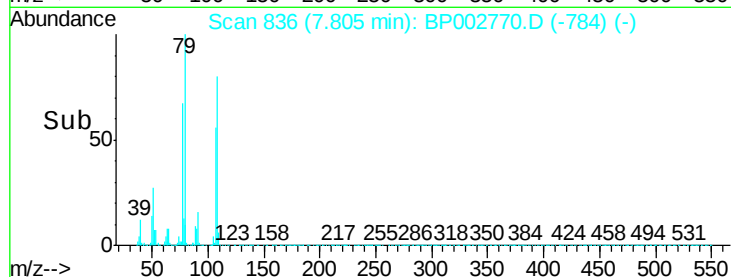
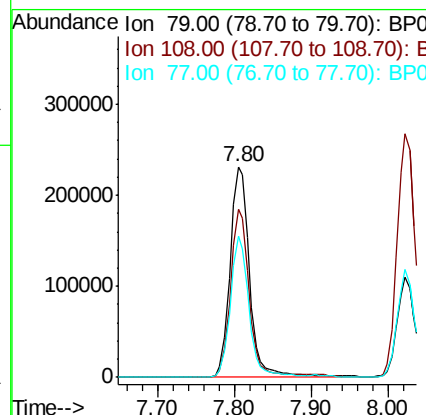
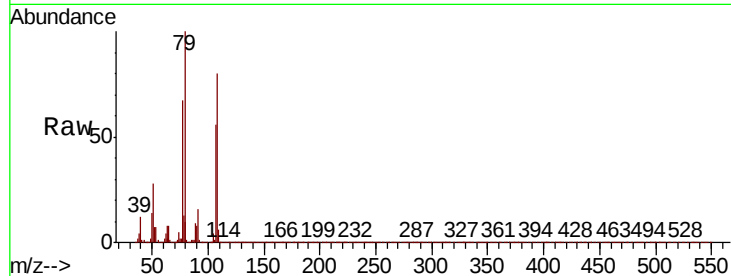




#15
Benzyl Alcohol
Concen: 42.226 ng
RT: 7.80 min Scan# 836
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

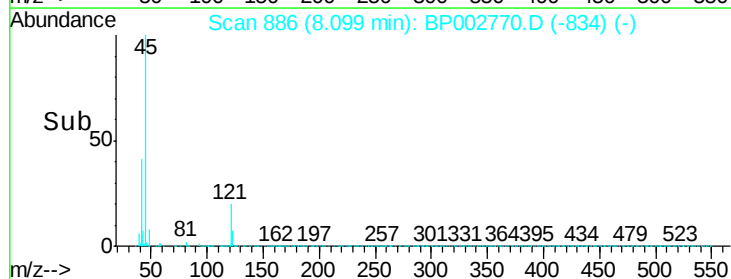
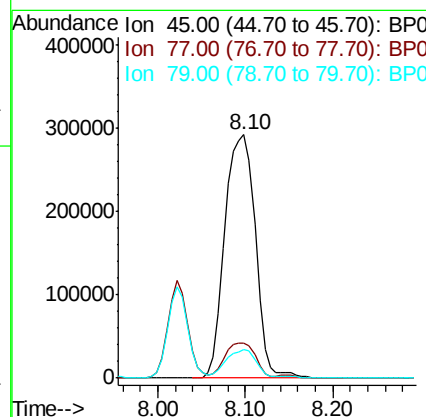
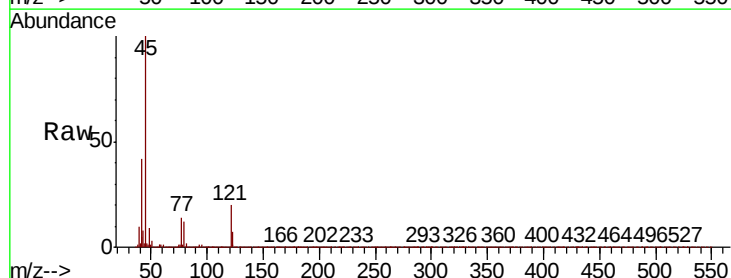
Instrument :
BNA_P
ClientSampleId :

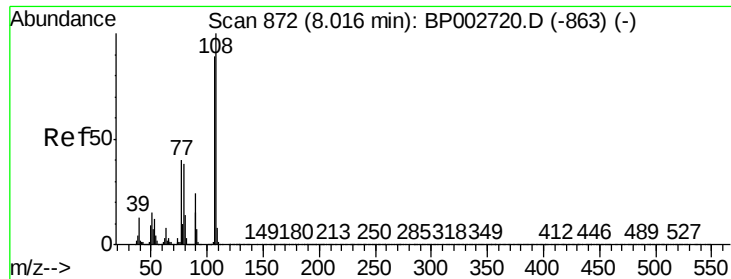
Tot Ion	Ratio	Lower	Upper
79	100		
108	79.8	63.1	94.7
77	66.9	50.8	76.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.206 ng
RT: 8.10 min Scan# 886
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	34.8
79	11.5	0.0	31.6

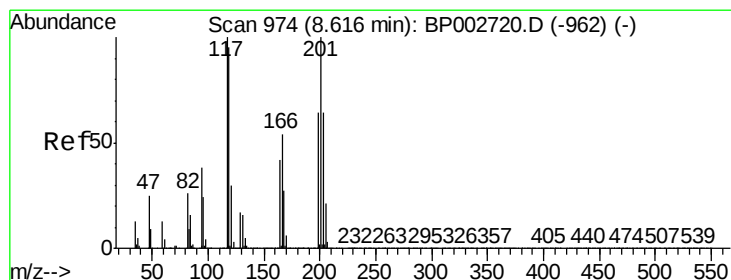
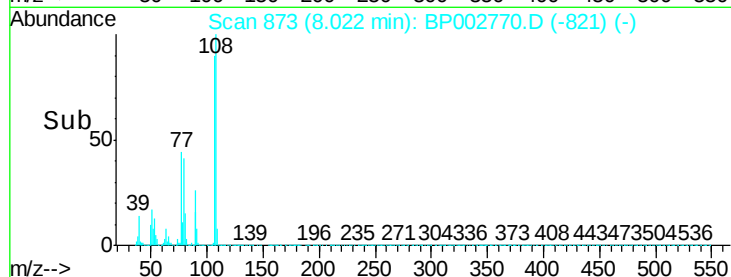
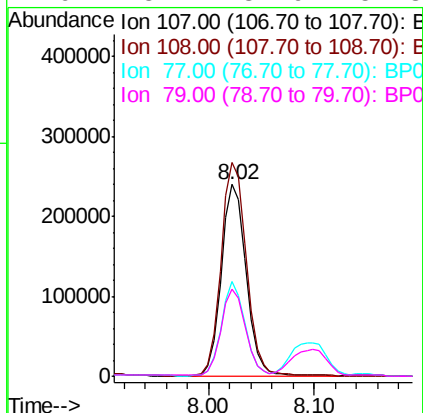
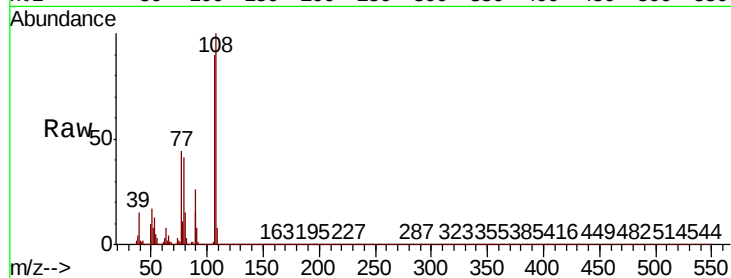




#17
2-Methylphenol
Concen: 37.144 ng
RT: 8.02 min Scan# 873
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

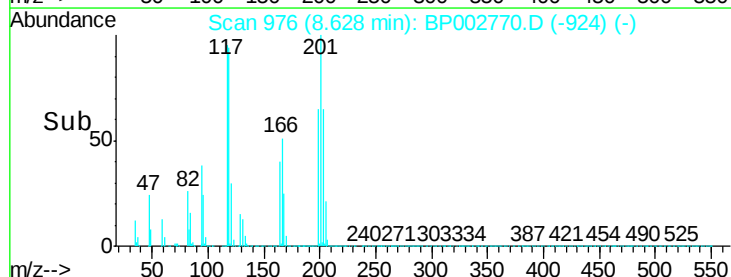
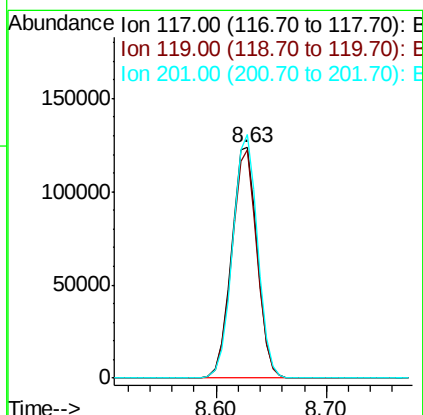
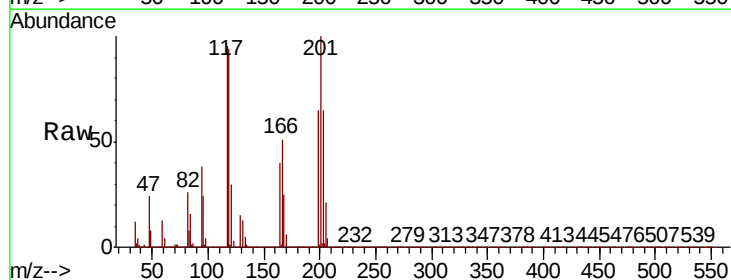
Instrument :
BNA_P
ClientSampleId :

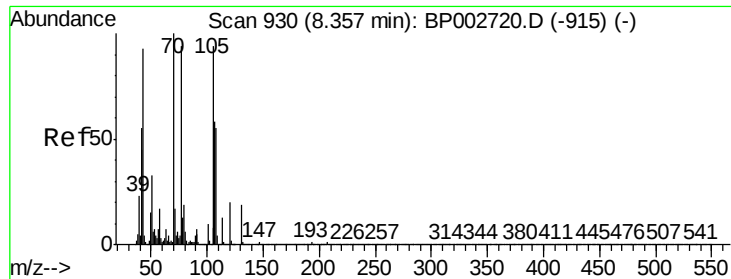
Tot Ion:	107	Resp:	392297
Ion	Ratio	Lower	Upper
107	100		
108	111.6	89.9	134.9
77	49.2	36.6	54.8
79	45.7	34.9	52.3



#18
Hexachloroethane
Concen: 44.039 ng
RT: 8.63 min Scan# 976
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

Tgt Ion:	117	Resp:	202513
Ion	Ratio	Lower	Upper
117	100		
119	99.0	76.6	115.0
201	105.5	80.3	120.5

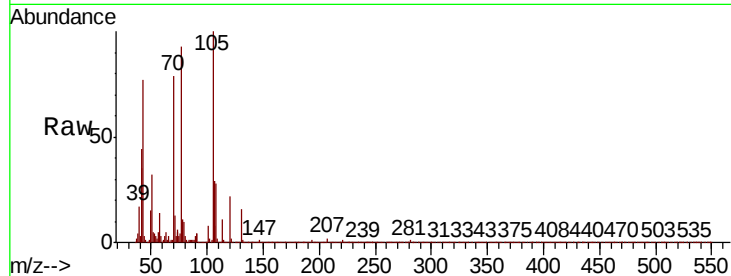




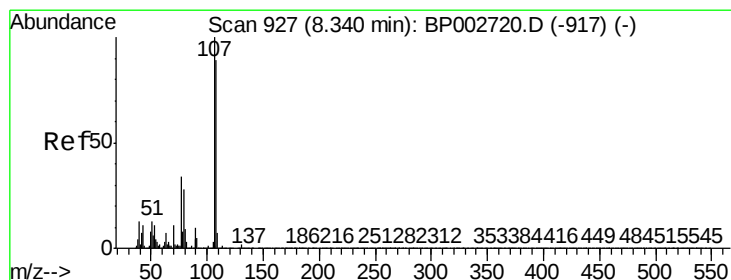
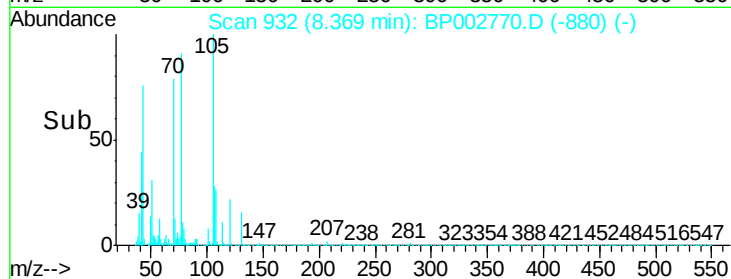
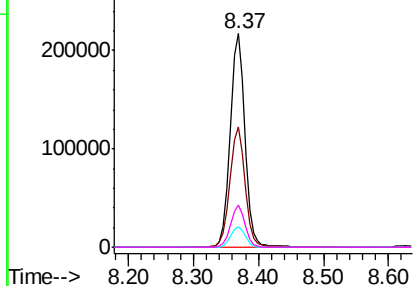
#19
n-Nitroso-di-n-propylamine
Concen: 38.438 ng
RT: 8.37 min Scan# 932
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	70	Resp:	338749
Ion	Ratio	Lower	Upper
70	100		
42	56.2	44.2	66.4
101	9.8	7.7	11.5
130	19.8	15.3	22.9

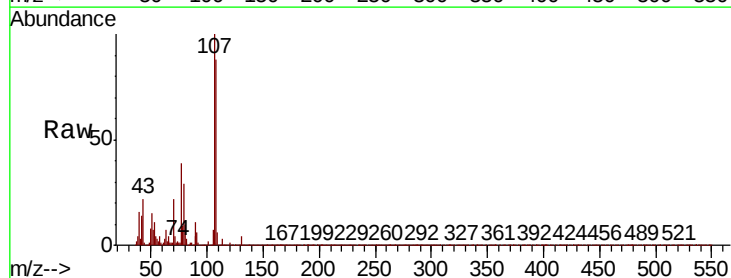


Abundance Ion 70.00 (69.70 to 70.70): BP0
Ion 42.00 (41.70 to 42.70): BP0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

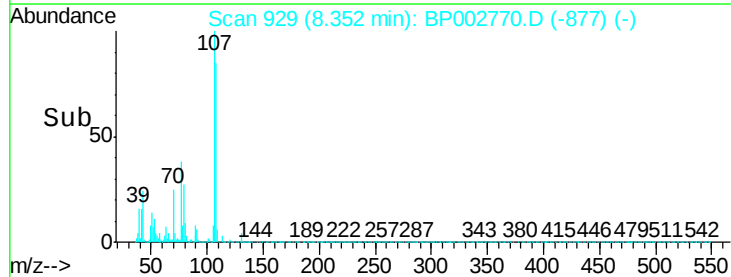
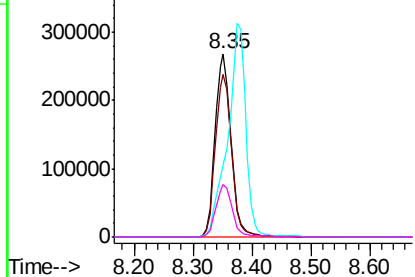


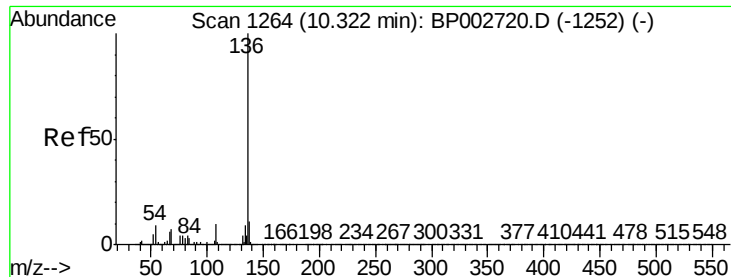
#20
3+4-Methylphenols
Concen: 36.105 ng
RT: 8.35 min Scan# 929
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

Tgt Ion:	107	Resp:	504208
Ion	Ratio	Lower	Upper
107	100		
108	88.5	69.5	109.5
77	38.8	14.3	54.3
79	28.9	7.7	47.7



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BP0
Ion 79.00 (78.70 to 79.70): BP0

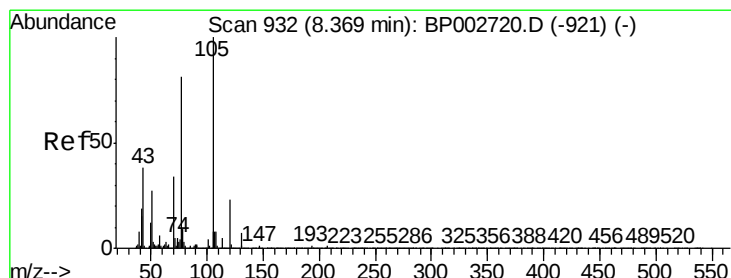
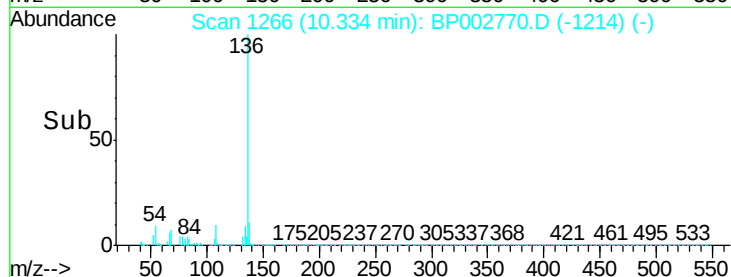
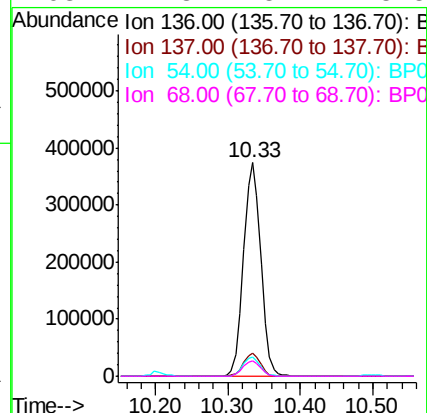
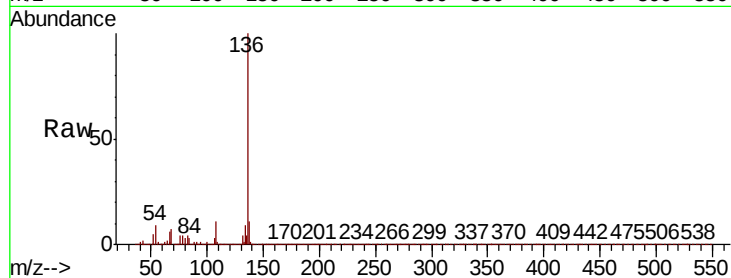




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.33 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

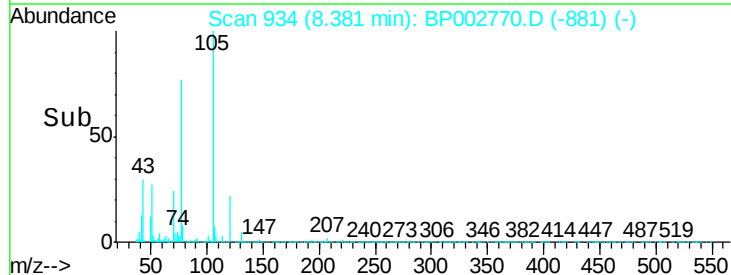
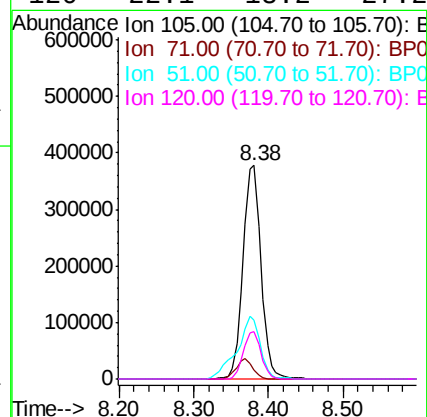
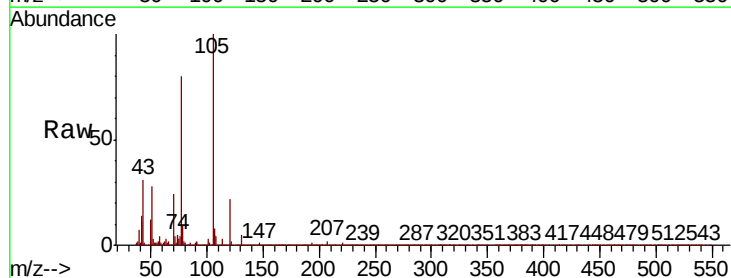
Instrument :
BNA_P
ClientSampleId :

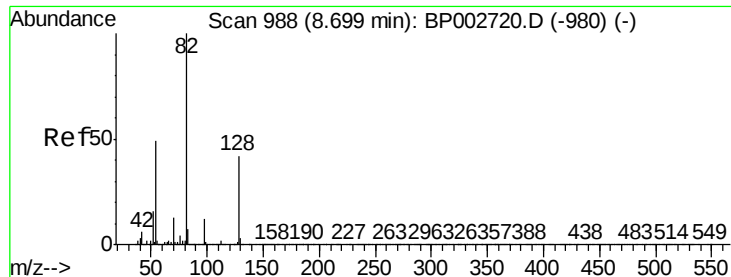
Tot Ion:136	Resp: 619526
Ion Ratio	Lower Upper
136 100	
137 10.7	8.6 13.0
54 8.8	6.9 10.3
68 7.3	5.7 8.5



#22
Acetophenone
Concen: 41.546 ng
RT: 8.38 min Scan# 934
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

Tgt	Ion:105	Resp:	634525
Ion	Ratio	Lower	Upper
105	100		
71	3.9	4.4	6.6#
51	27.7	21.8	32.8
120	22.1	18.2	27.2

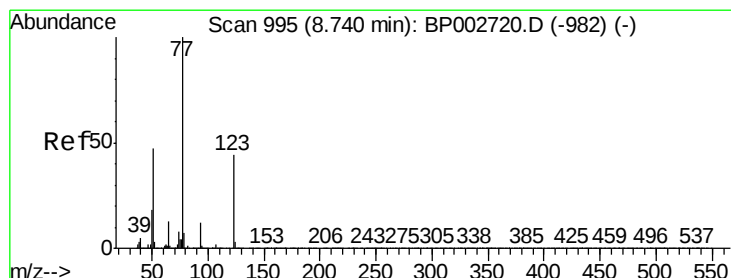
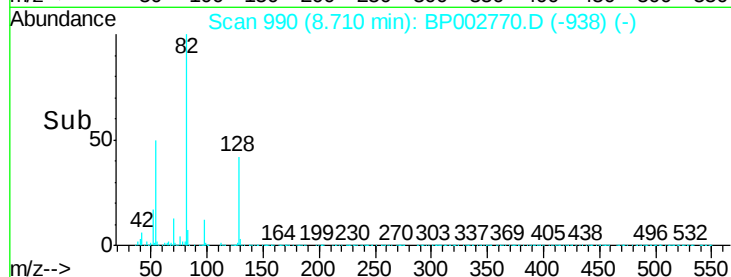
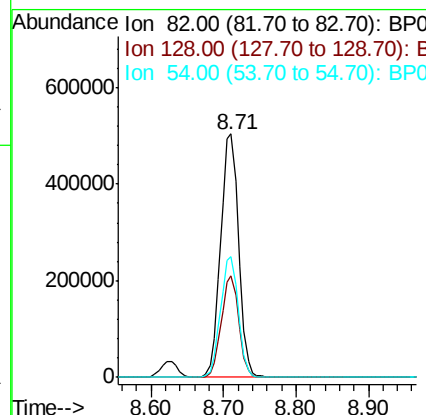
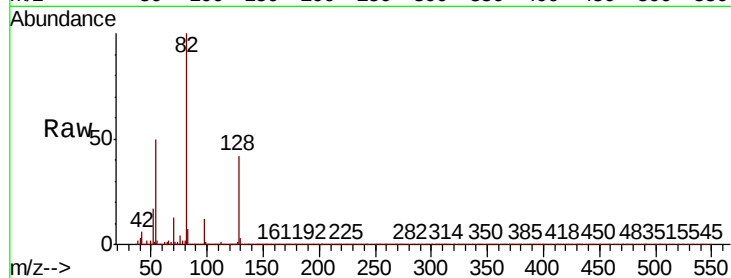




#23
 Nitrobenzene-d5
 Concen: 74.896 ng
 RT: 8.71 min Scan# 990
 Delta R.T. 0.01 min
 Lab File: BP002770.D
 Acq: 16 Jul 2020 13:53

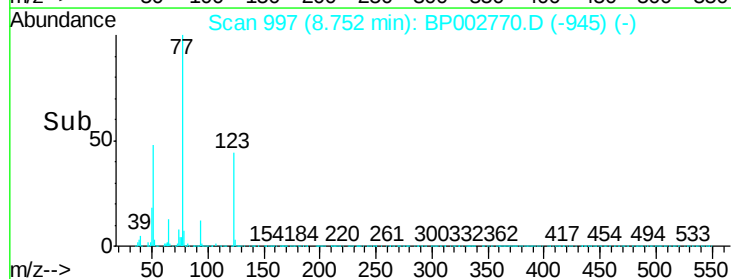
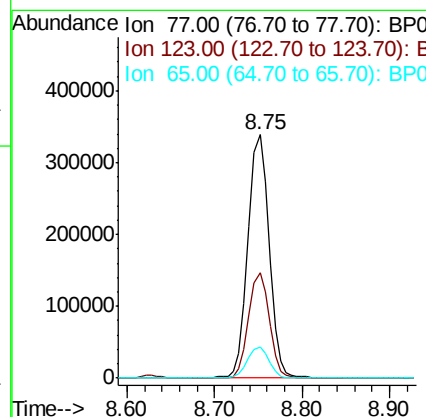
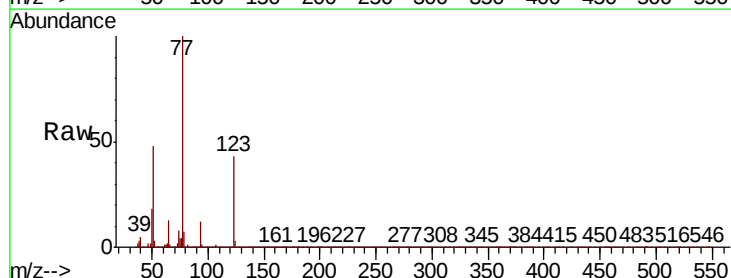
Instrument :
 BNA_P
 ClientSampleId :

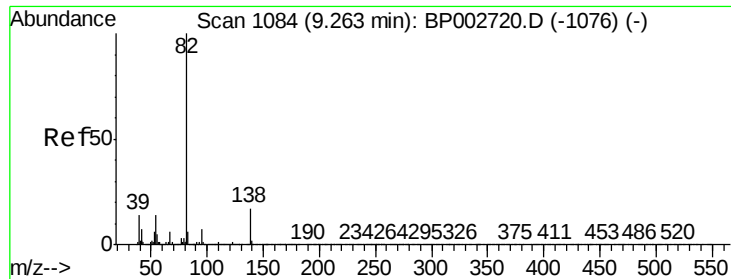
Tot Ion	82	Resp	867555
Ion Ratio	Lower	Upper	
82	100		
128	41.8	33.8	50.8
54	49.7	38.8	58.2



#24
 Nitrobenzene
 Concen: 43.875 ng
 RT: 8.75 min Scan# 997
 Delta R.T. 0.01 min
 Lab File: BP002770.D
 Acq: 16 Jul 2020 13:53

Tgt Ion	77	Resp	550410
Ion Ratio	Lower	Upper	
77	100		
123	43.4	35.0	52.6
65	12.9	10.4	15.6

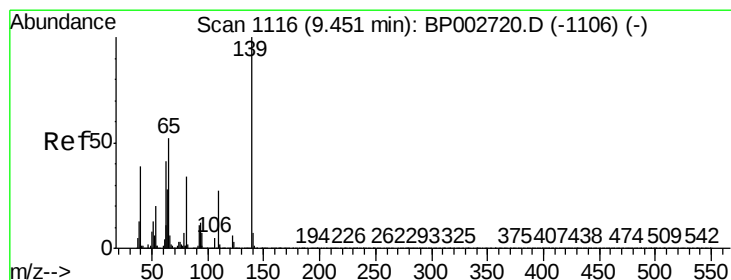
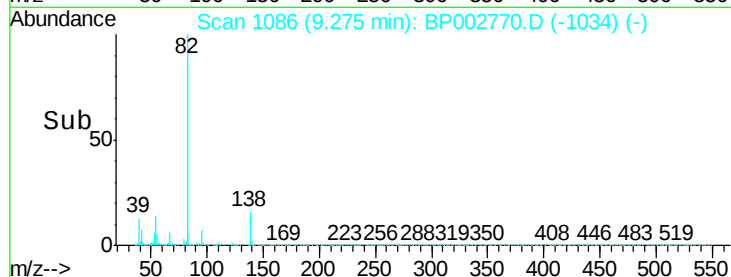
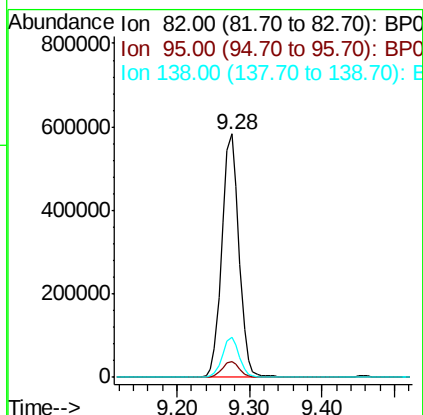
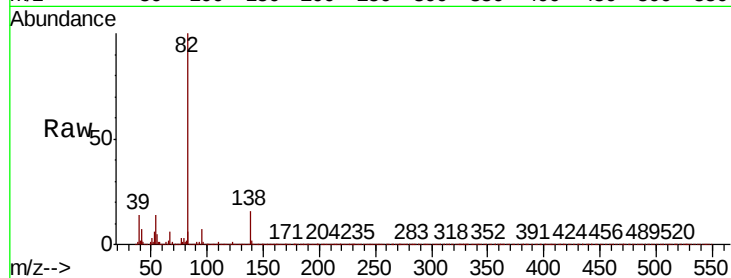




#25
Isophorone
Concen: 40.639 ng
RT: 9.28 min Scan# 1086
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

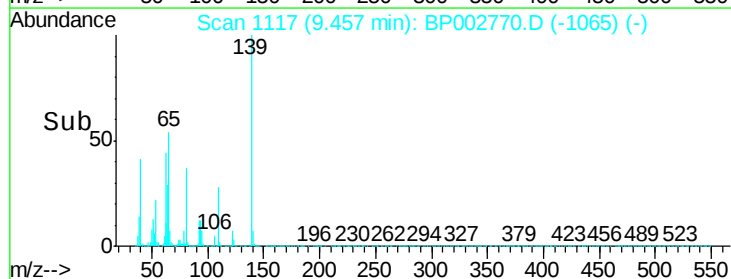
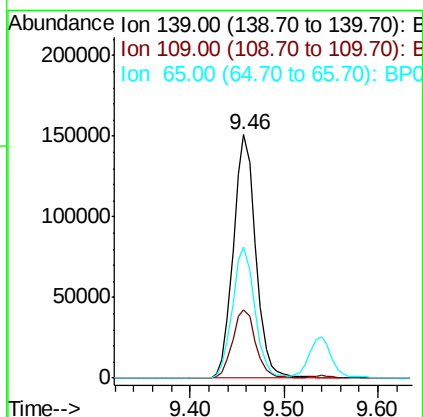
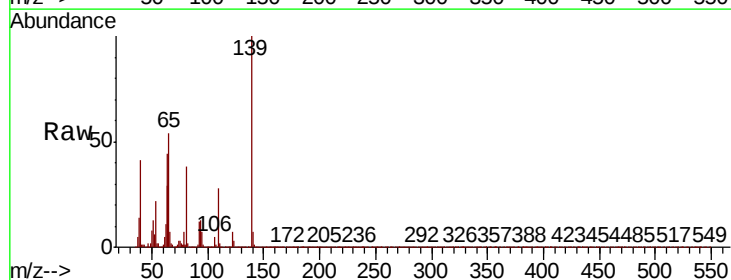
Instrument :
BNA_P
ClientSampleId :

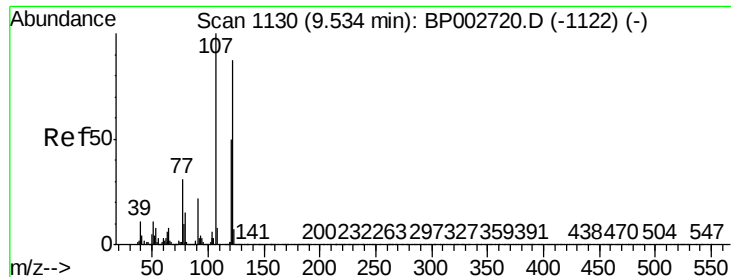
Tot Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.2	7.8
138	16.3	13.2	19.8



#26
2-Nitrophenol
Concen: 46.102 ng
RT: 9.46 min Scan# 1117
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	28.1	21.9	32.9
65	53.6	41.3	61.9

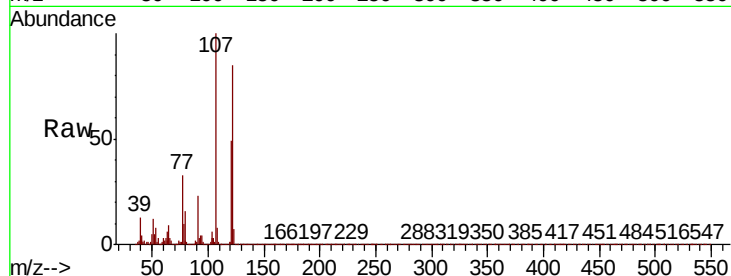




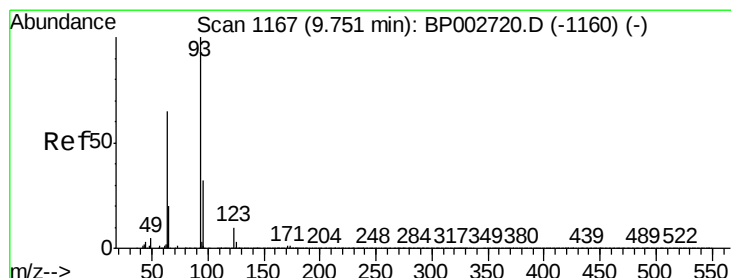
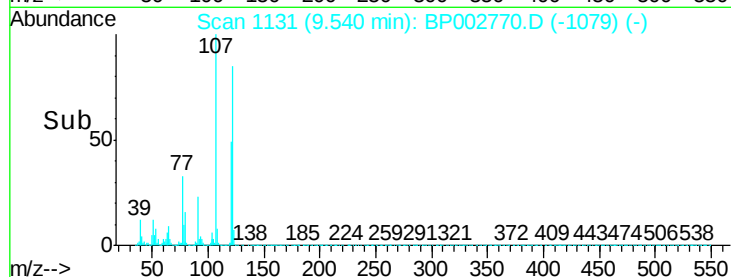
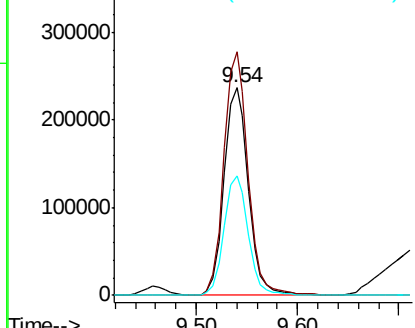
#27
2,4-Dimethylphenol
Concen: 44.647 ng
RT: 9.54 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.2	92.2	138.4
121	57.4	45.8	68.6

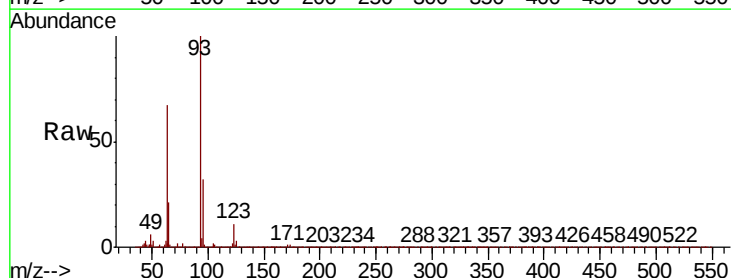


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

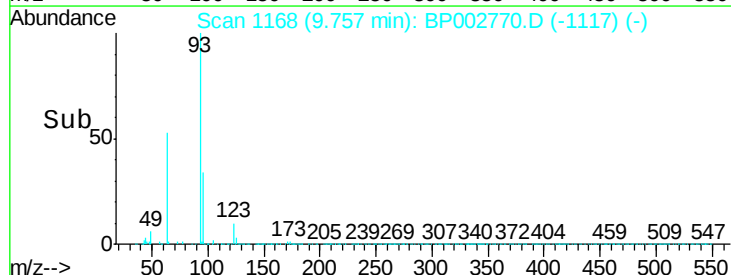
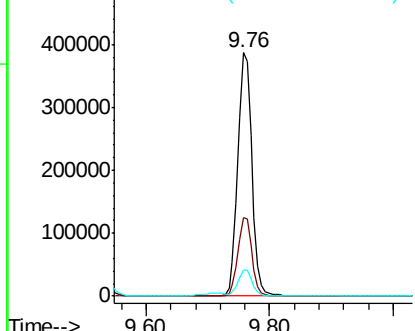


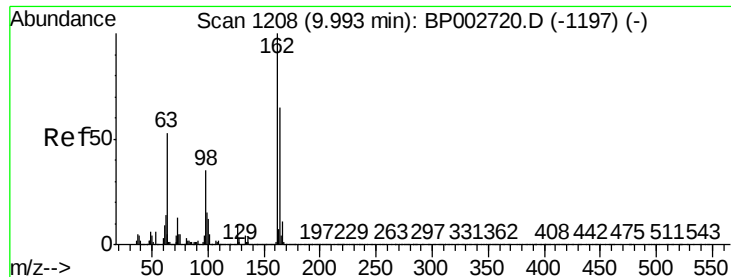
#28
bis(2-Chloroethoxy)methane
Concen: 42.571 ng
RT: 9.76 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.8	38.6
123	10.7	8.9	13.3



Abundance Ion 93.00 (92.70 to 93.70): BP0
Ion 95.00 (94.70 to 95.70): BP0
Ion 123.00 (122.70 to 123.70): E

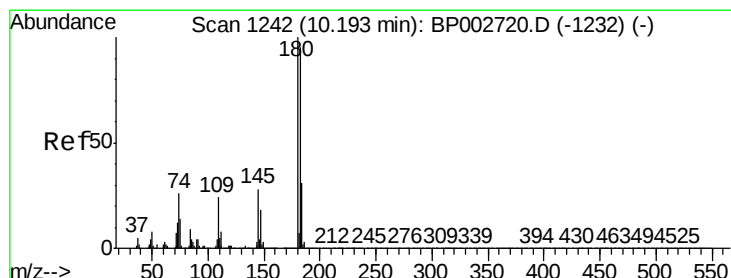
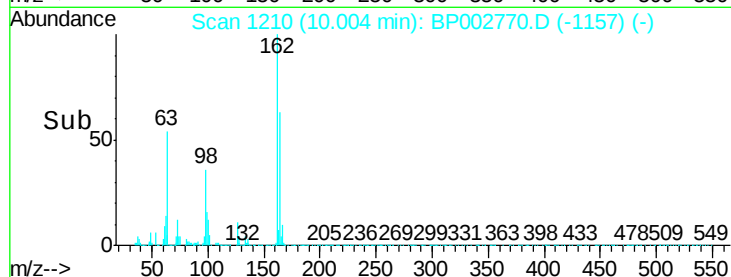
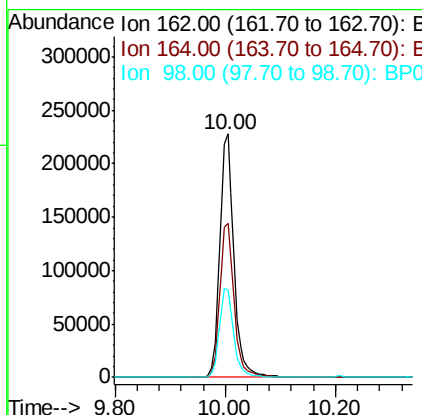
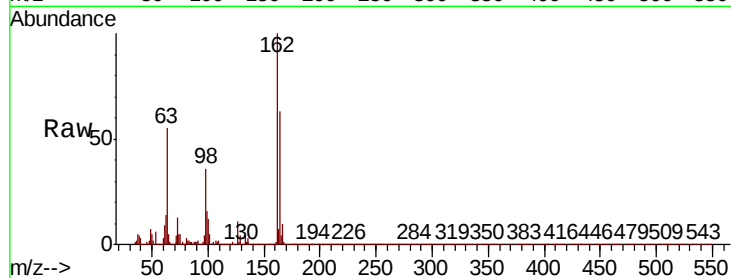




#29
 2,4-Dichlorophenol
 Concen: 42.163 ng
 RT: 10.00 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BP002770.D
 Acq: 16 Jul 2020 13:53

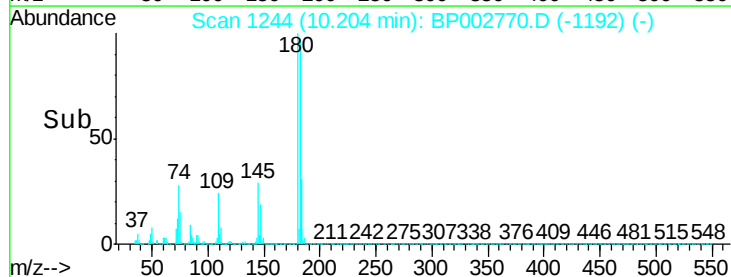
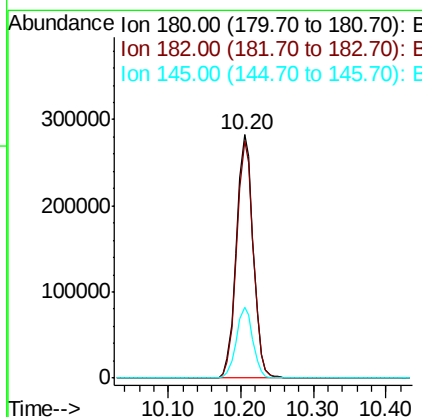
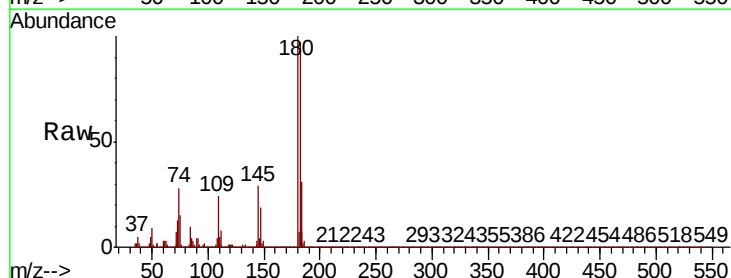
Instrument :
 BNA_P
 ClientSampleId :

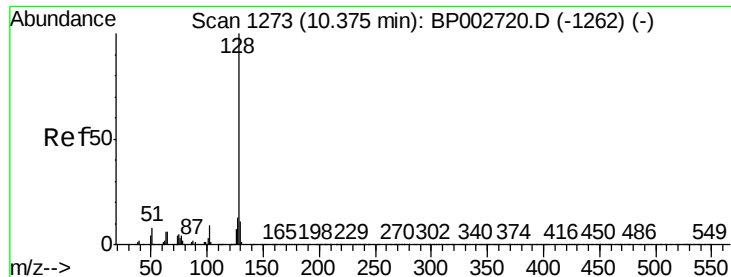
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.5	84.5
98	36.1	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 41.176 ng
 RT: 10.20 min Scan# 1244
 Delta R.T. 0.01 min
 Lab File: BP002770.D
 Acq: 16 Jul 2020 13:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	75.8	113.6
145	28.8	22.6	34.0

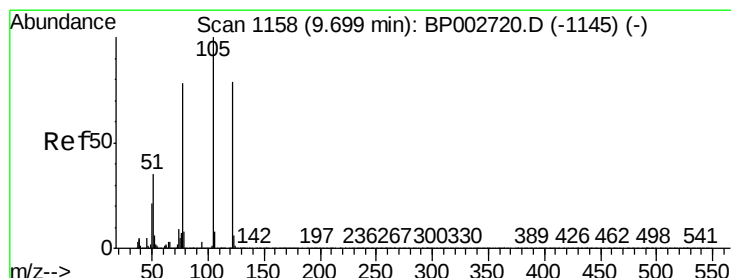
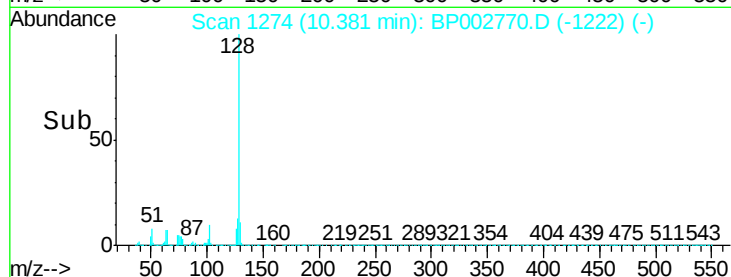
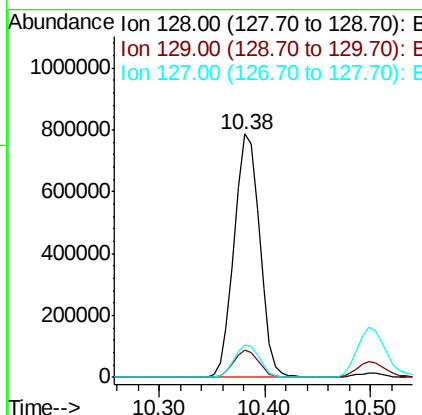
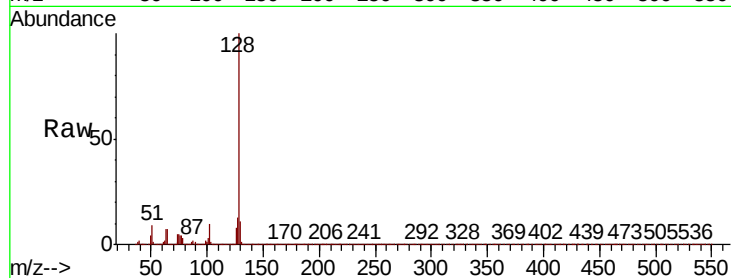




#31
Naphthalene
Concen: 40.229 ng
RT: 10.38 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

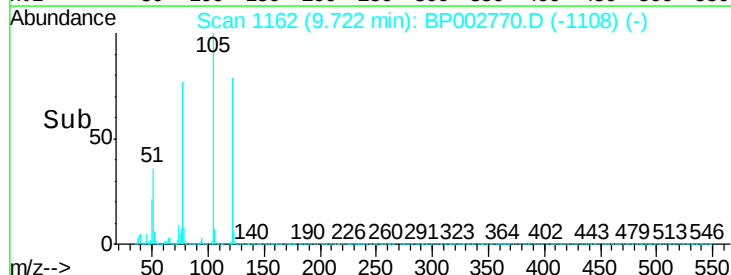
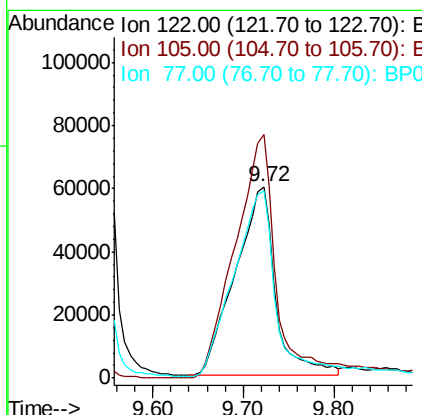
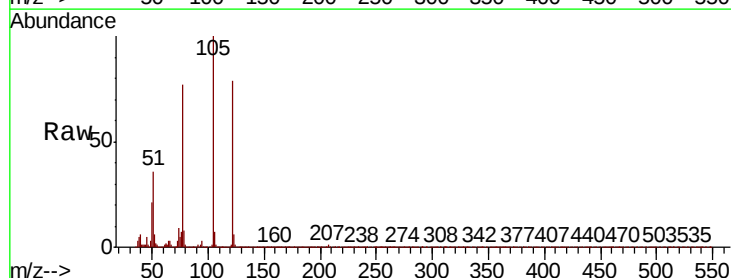
Instrument :
BNA_P
ClientSampleId :

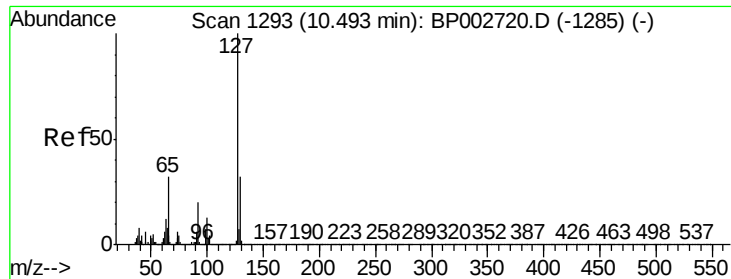
Tot Ion:128 Resp: 1315809
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.3 10.6 15.8



#32
Benzoic acid
Concen: 30.269 ng
RT: 9.72 min Scan# 1162
Delta R.T. 0.02 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

Tgt Ion:122 Resp: 185178
Ion Ratio Lower Upper
122 100
105 127.0 105.4 145.4
77 97.9 78.5 118.5

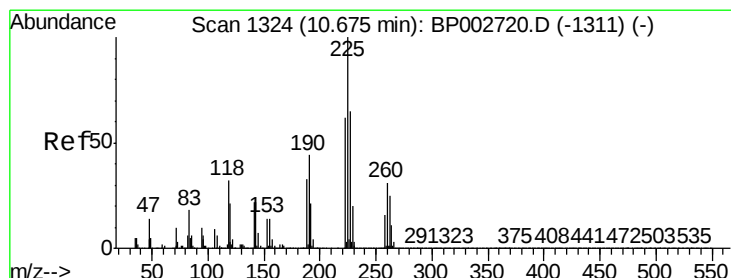
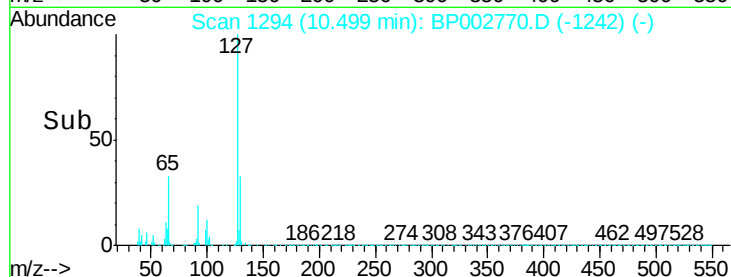
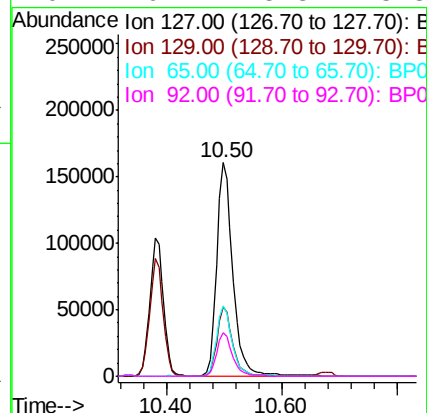
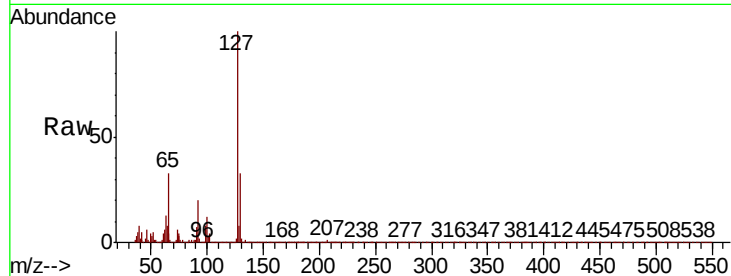




#33
4-Chloroaniline
Concen: 22.098 ng
RT: 10.50 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

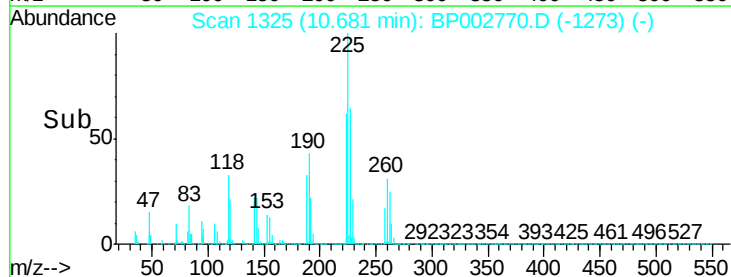
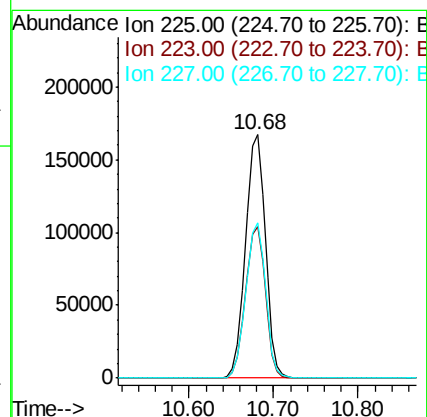
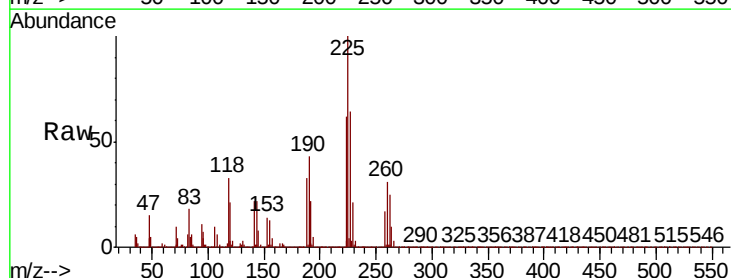
Instrument :
BNA_P
ClientSampleId :

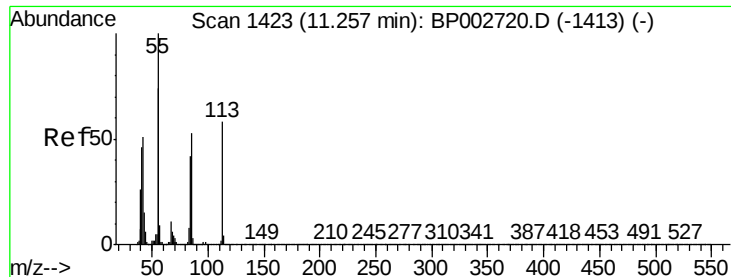
Tot Ion:	127	Resp:	309714
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.3	37.9
65	32.8	25.4	38.2
92	20.2	15.8	23.8



#34
Hexachlorobutadiene
Concen: 42.197 ng
RT: 10.68 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

Tgt Ion:	225	Resp:	270934
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.9	74.9
227	63.9	51.8	77.6

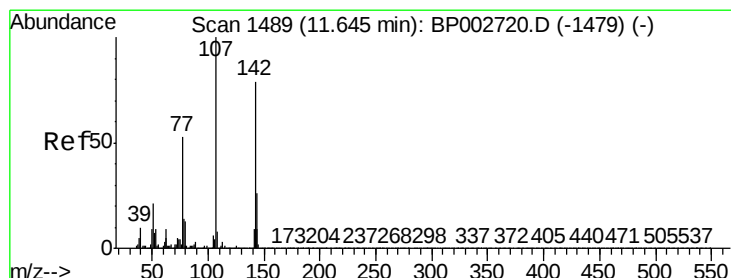
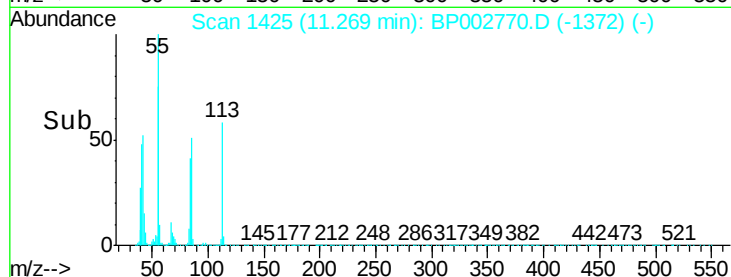
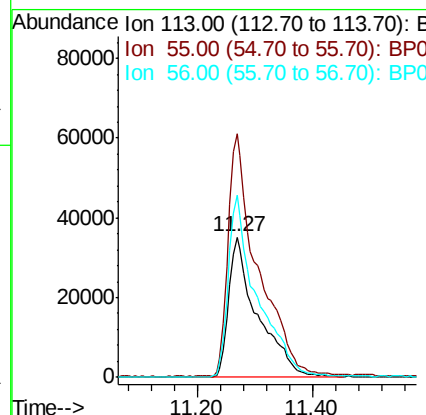
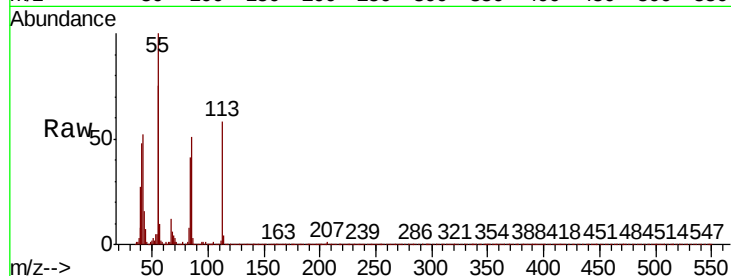




#35
Caprolactam
Concen: 36.156 ng
RT: 11.27 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

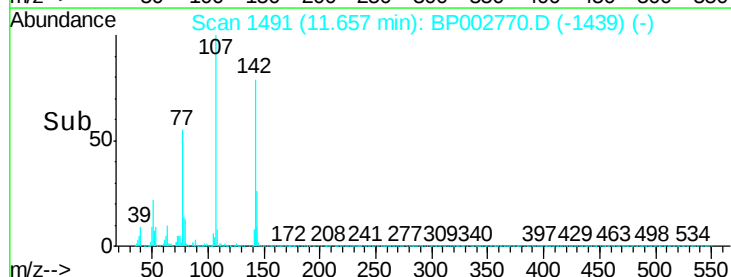
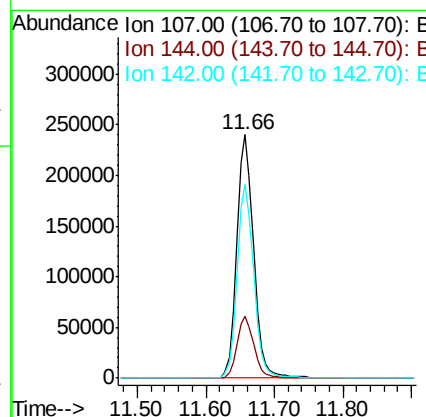
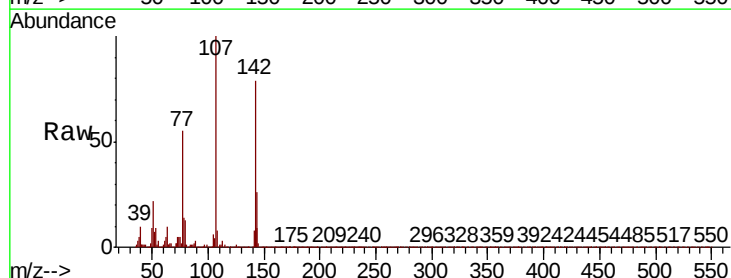
Instrument :
BNA_P
ClientSampleId :

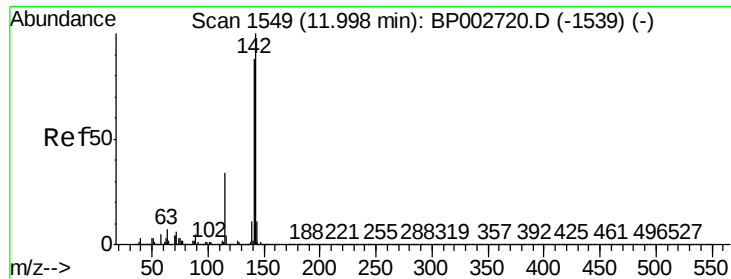
Tot Ion:113 Resp: 122605
Ion Ratio Lower Upper
113 100
55 173.4 152.8 192.8
56 130.2 107.5 147.5



#36
4-Chloro-3-methylphenol
Concen: 39.177 ng
RT: 11.66 min Scan# 1491
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

Tgt Ion:107 Resp: 409552
Ion Ratio Lower Upper
107 100
144 25.6 20.6 30.8
142 79.3 63.4 95.2

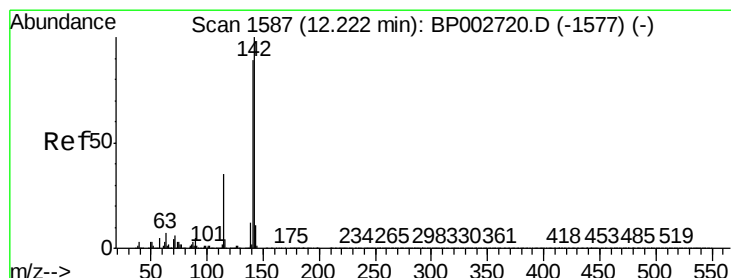
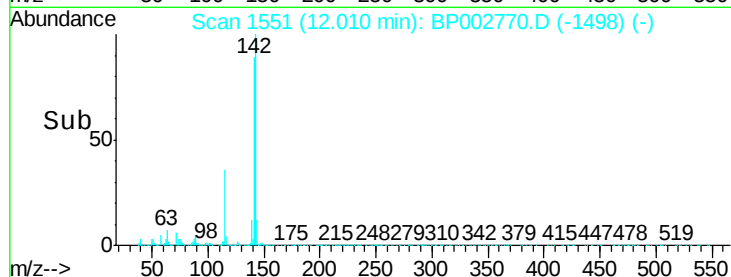
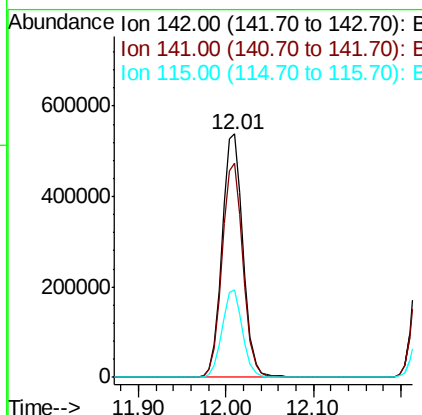
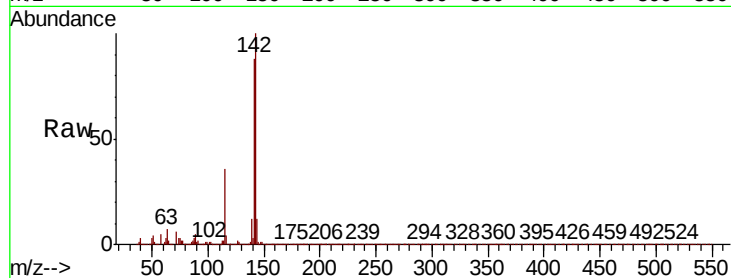




#37
 2-Methylnaphthalene
 Concen: 38.554 ng
 RT: 12.01 min Scan# 1551
 Delta R.T. 0.01 min
 Lab File: BP002770.D
 Acq: 16 Jul 2020 13:53

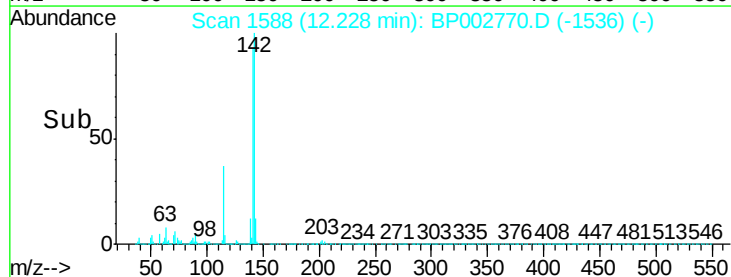
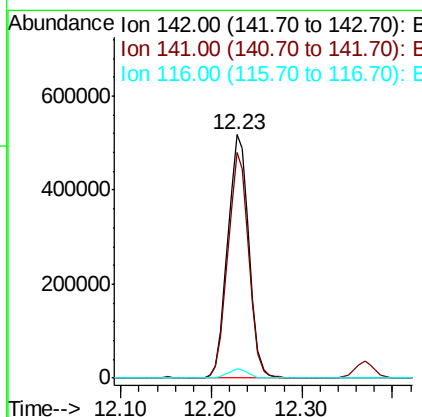
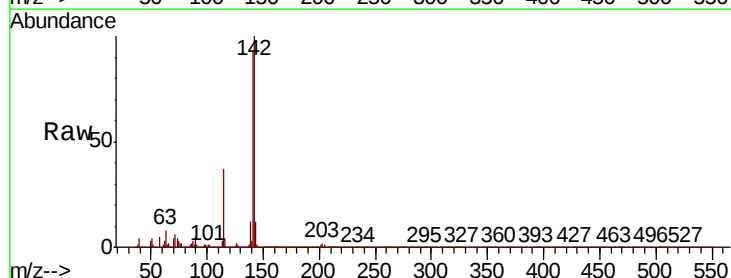
Instrument :
 BNA_P
 ClientSampleId :

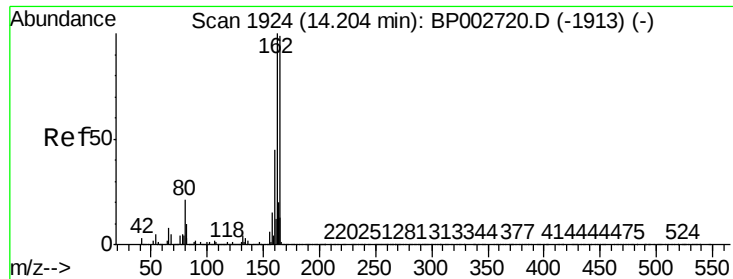
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.4	105.6
115	35.9	27.0	40.6



#38
 1-Methylnaphthalene
 Concen: 38.507 ng
 RT: 12.23 min Scan# 1588
 Delta R.T. 0.01 min
 Lab File: BP002770.D
 Acq: 16 Jul 2020 13:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	71.5	107.3
116	4.0	2.9	4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.22 min Scan# 1926

Delta R.T. 0.01 min

Lab File: BP002770.D

Acq: 16 Jul 2020 13:53

Instrument :

BNA_P

ClientSampleId :

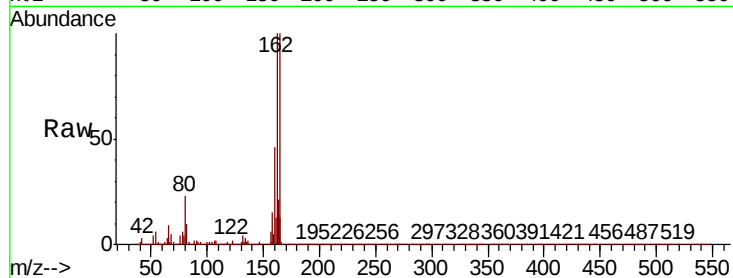
Tot Ion:164 Resp: 312296

Ion Ratio Lower Upper

164 100

162 100.0 80.6 121.0

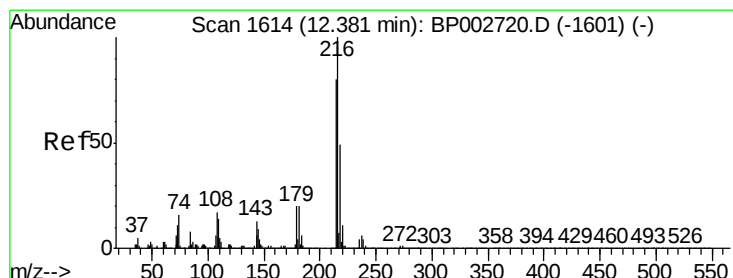
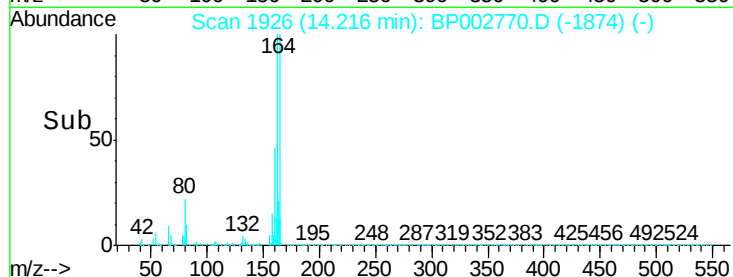
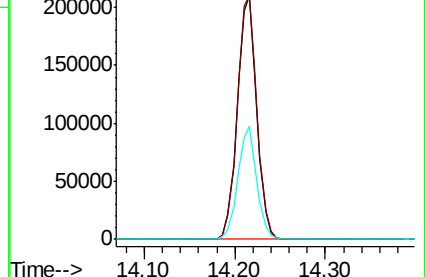
160 46.5 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.834 ng

RT: 12.39 min Scan# 1616

Delta R.T. 0.01 min

Lab File: BP002770.D

Acq: 16 Jul 2020 13:53

Tgt Ion:216 Resp: 439897

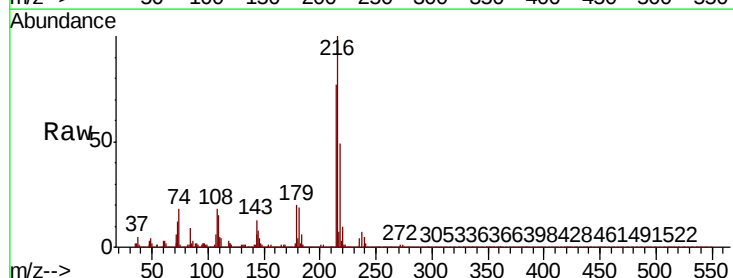
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.2

179 20.3 16.2 24.2

108 20.9 14.8 22.2

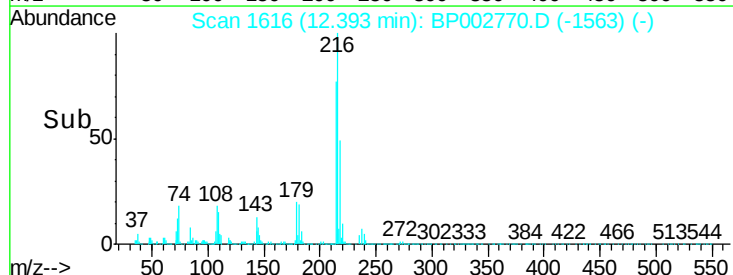
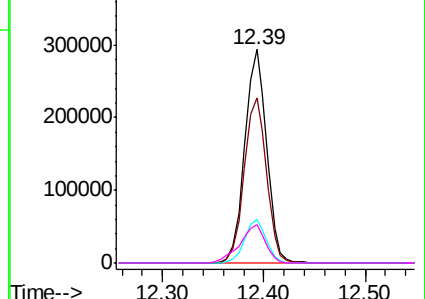


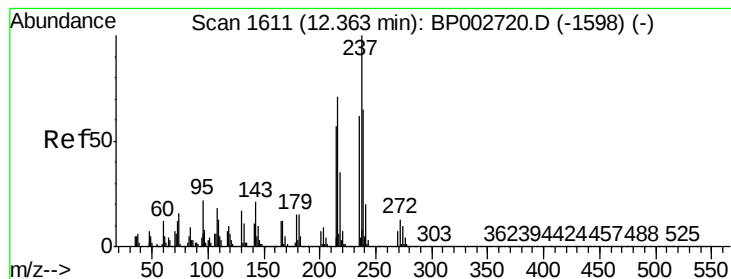
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 100.063 ng

RT: 12.37 min Scan# 1612

Delta R.T. 0.01 min

Lab File: BP002770.D

Acq: 16 Jul 2020 13:53

Instrument :

BNA_P

ClientSampleId :

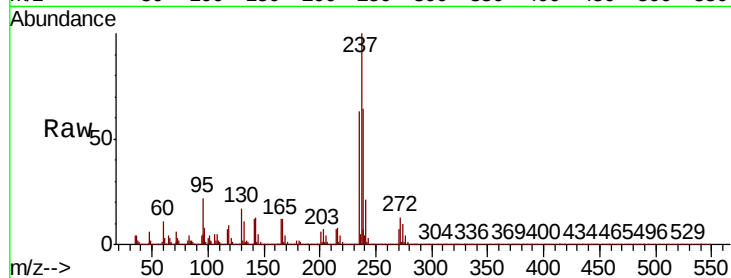
Tot Ion:237 Resp: 434138

Ion Ratio Lower Upper

237 100

235 63.0 42.3 82.3

272 12.5 0.0 32.5

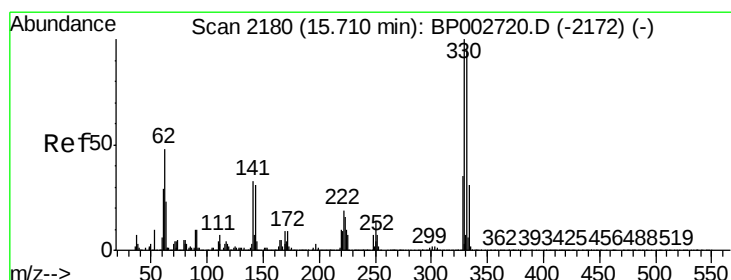
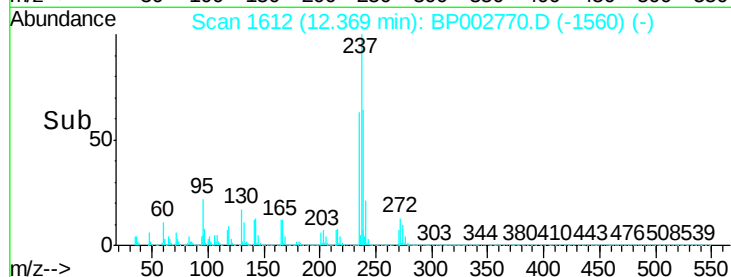
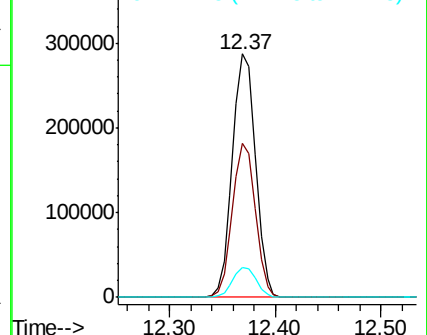


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 97.229 ng

RT: 15.72 min Scan# 2182

Delta R.T. 0.01 min

Lab File: BP002770.D

Acq: 16 Jul 2020 13:53

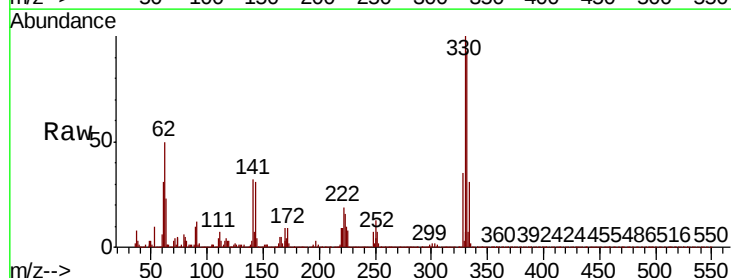
Tgt Ion:330 Resp: 316955

Ion Ratio Lower Upper

330 100

332 96.1 76.5 114.7

141 35.2 28.8 43.2

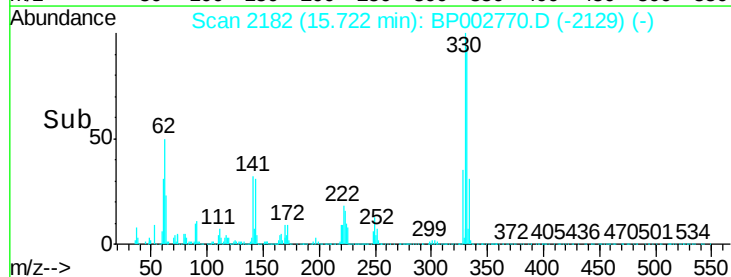
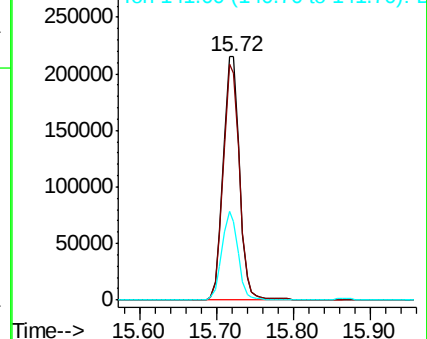


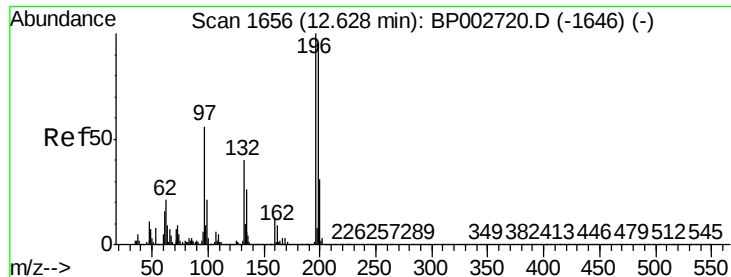
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

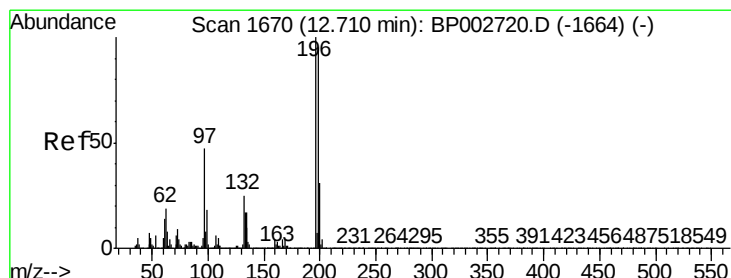
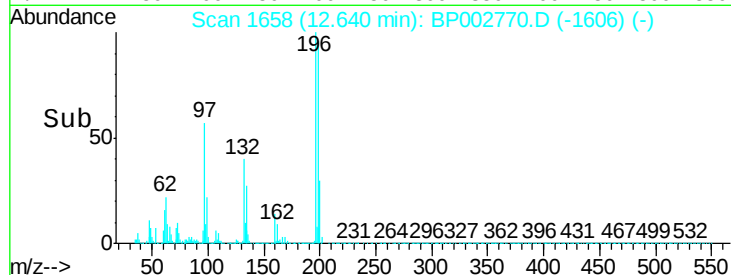
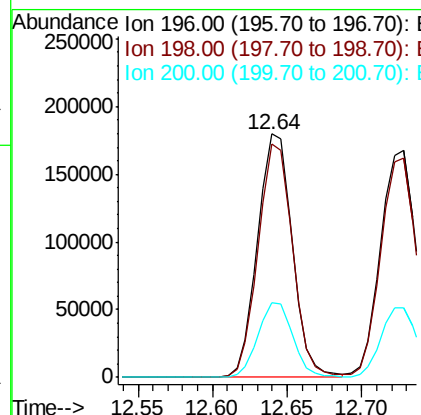
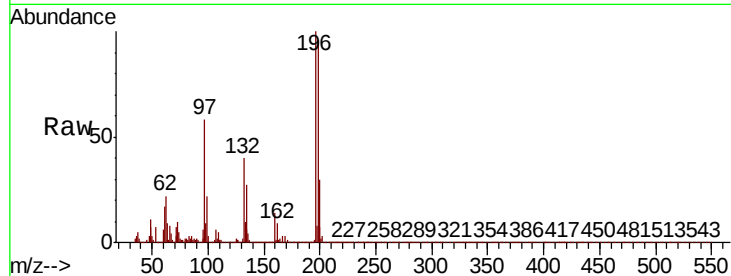




#43
 2,4,6-Trichlorophenol
 Concen: 47.099 ng
 RT: 12.64 min Scan# 1658
 Delta R.T. 0.01 min
 Lab File: BP002770.D
 Acq: 16 Jul 2020 13:53

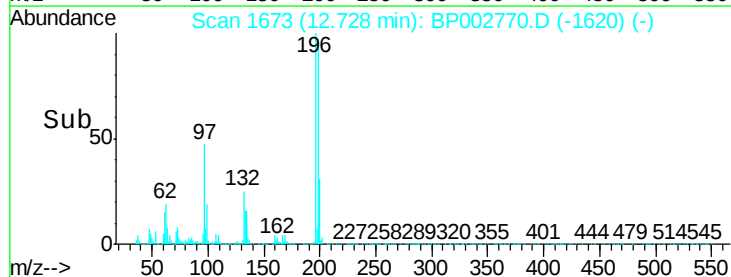
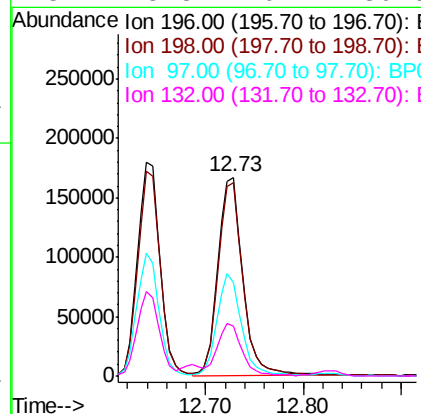
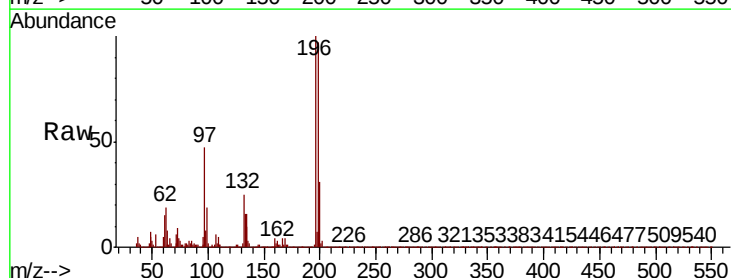
Instrument :
 BNA_P
 ClientSampleId :

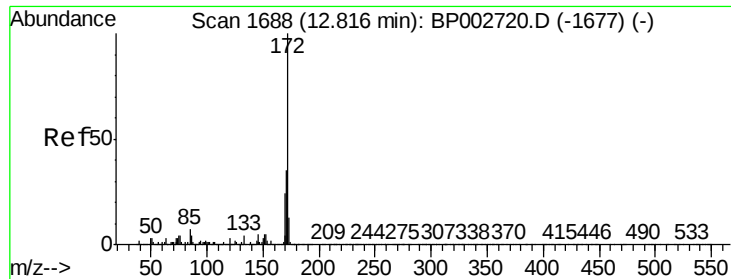
Tot Ion:196 Resp: 289342
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.8 113.6
 200 30.4 24.5 36.7



#44
 2,4,5-Trichlorophenol
 Concen: 41.343 ng
 RT: 12.73 min Scan# 1673
 Delta R.T. 0.01 min
 Lab File: BP002770.D
 Acq: 16 Jul 2020 13:53

Tgt Ion:196 Resp: 294585
 Ion Ratio Lower Upper
 196 100
 198 97.0 75.8 113.6
 97 47.2 38.0 57.0
 132 25.3 20.4 30.6

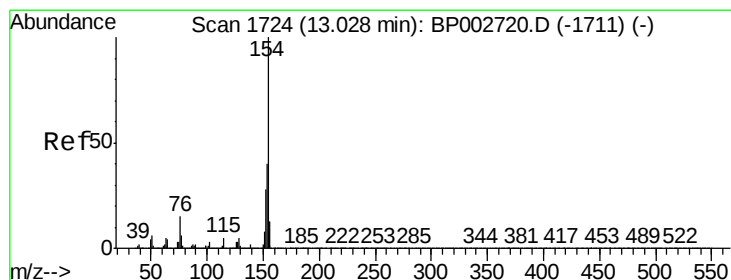
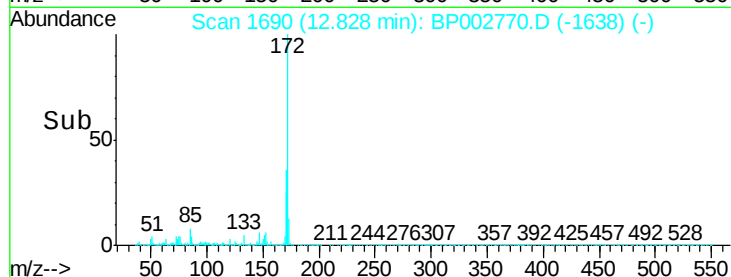
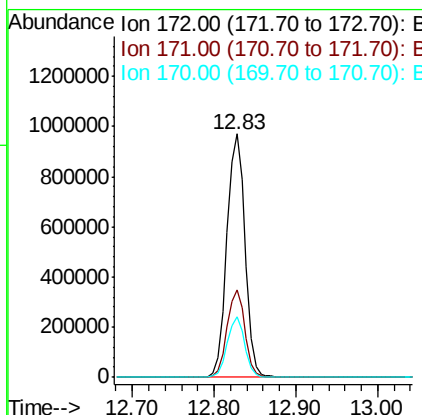
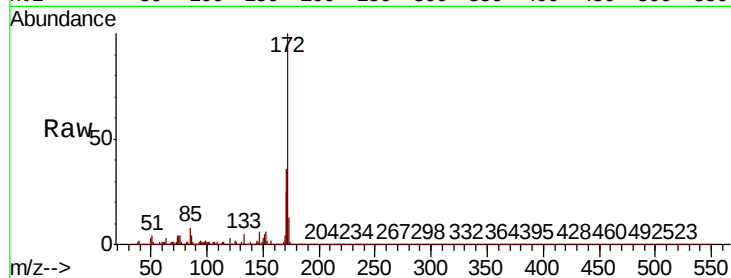




#45
2-Fluorobiphenyl
Concen: 74.023 ng
RT: 12.83 min Scan# 1690
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

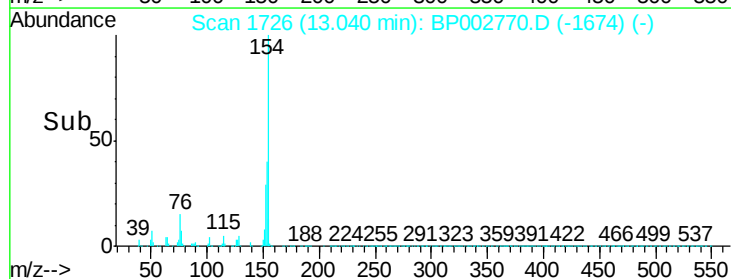
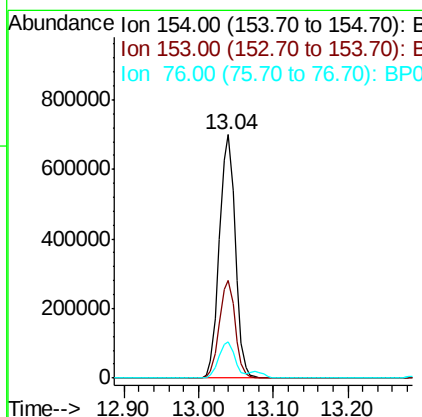
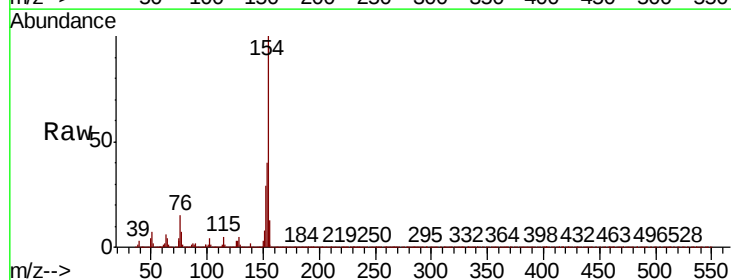
Instrument :
BNA_P
ClientSampleId :

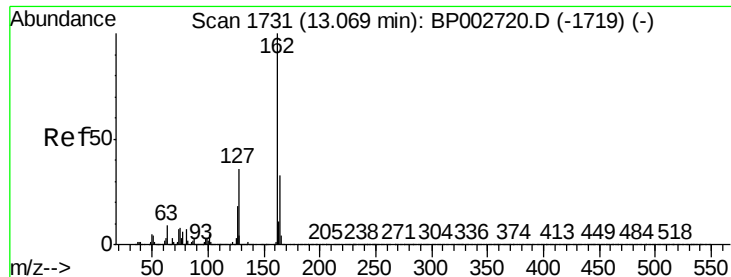
Tot Ion:172 Resp: 1494343
Ion Ratio Lower Upper
172 100
171 36.1 28.1 42.1
170 24.6 19.3 28.9



#46
1,1'-Biphenyl
Concen: 44.400 ng
RT: 13.04 min Scan# 1726
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

Tgt Ion:154 Resp: 1033721
Ion Ratio Lower Upper
154 100
153 40.4 19.8 59.8
76 14.7 0.0 34.7

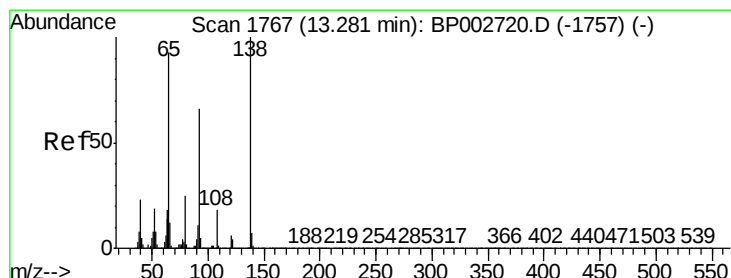
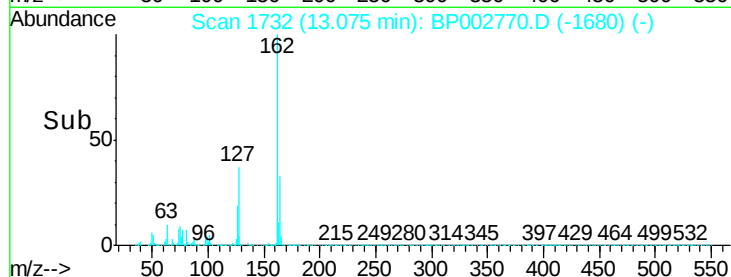
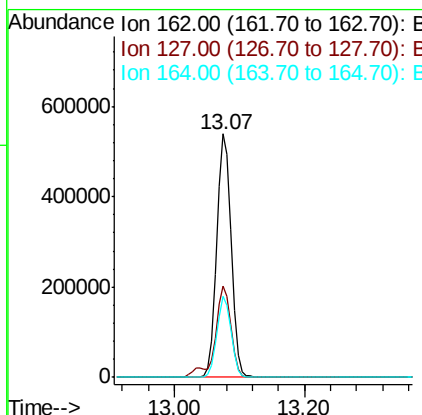
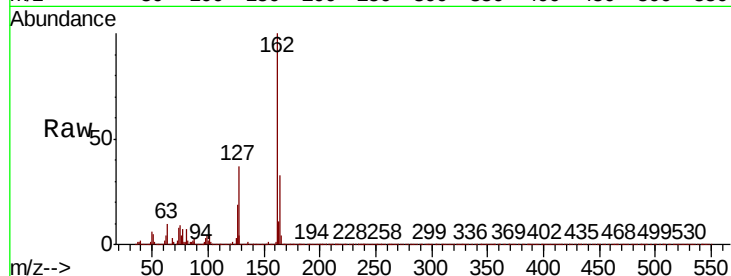




#47
2-Chloronaphthalene
Concen: 43.811 ng
RT: 13.07 min Scan# 1732
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

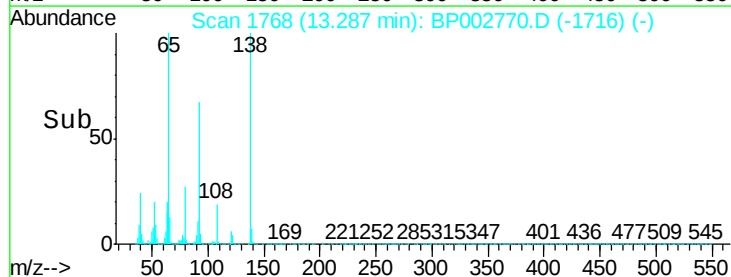
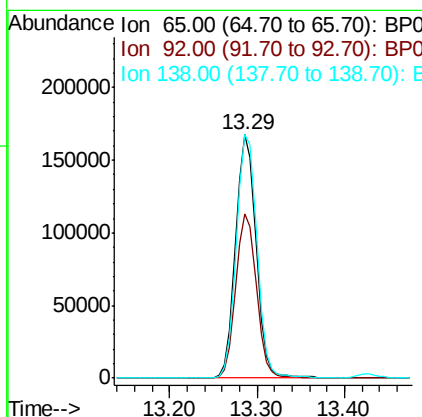
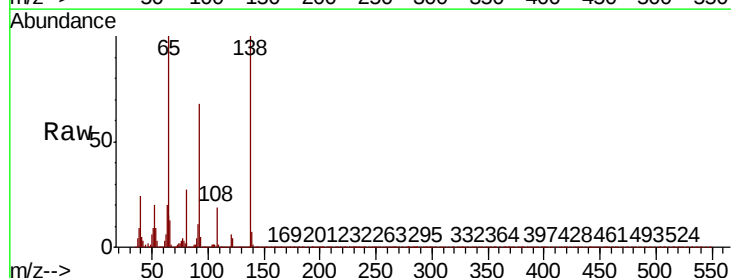
Instrument :
BNA_P
ClientSampleId :

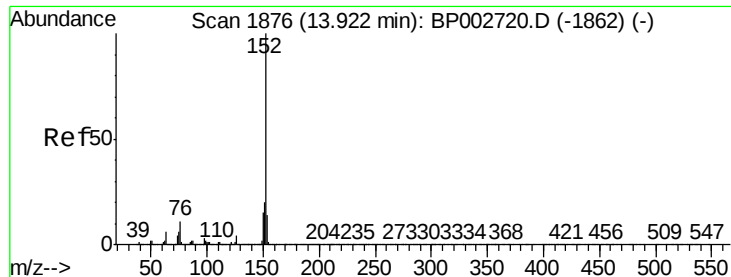
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.3	29.0	43.4
164	33.0	26.8	40.2



#48
2-Nitroaniline
Concen: 45.356 ng
RT: 13.29 min Scan# 1768
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.5	57.0	85.6
138	99.8	86.0	129.0





#49

Acenaphthylene

Concen: 42.368 ng

RT: 13.93 min Scan# 1877

Delta R.T. 0.01 min

Lab File: BP002770.D

Acq: 16 Jul 2020 13:53

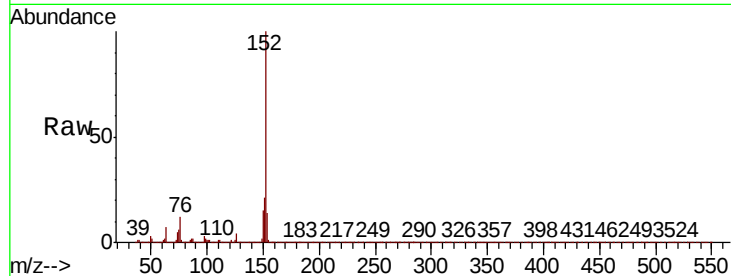
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 1263049

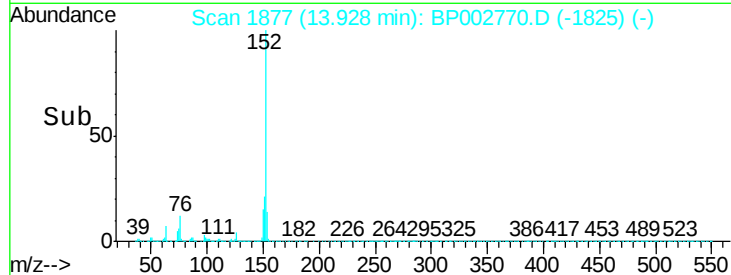
Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4
153	13.9	10.9	16.3



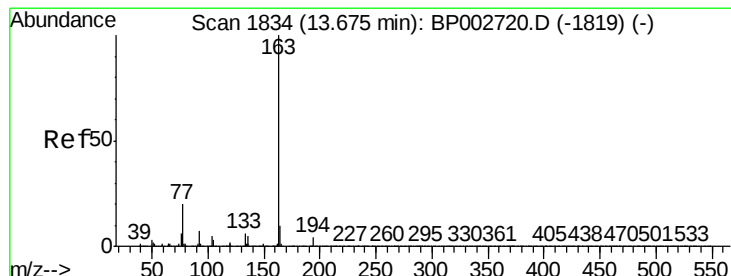
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 39.549 ng

RT: 13.68 min Scan# 1835

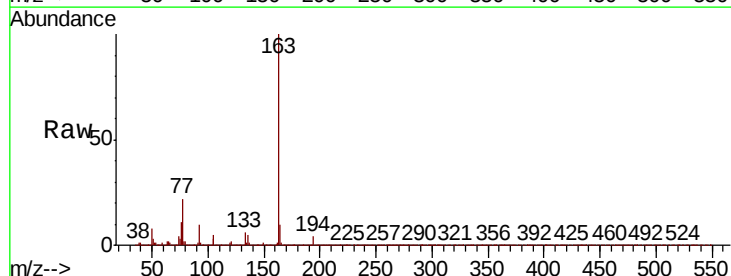
Delta R.T. 0.01 min

Lab File: BP002770.D

Acq: 16 Jul 2020 13:53

Tgt Ion:163 Resp: 941929

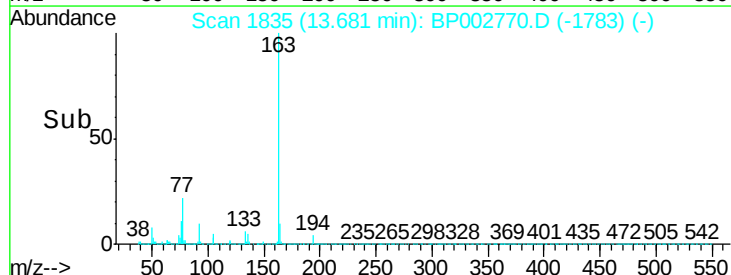
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.1	7.8	11.8



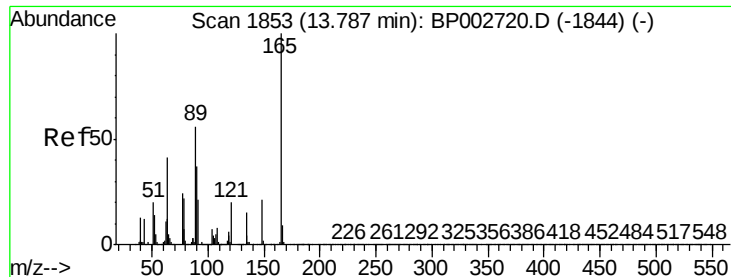
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



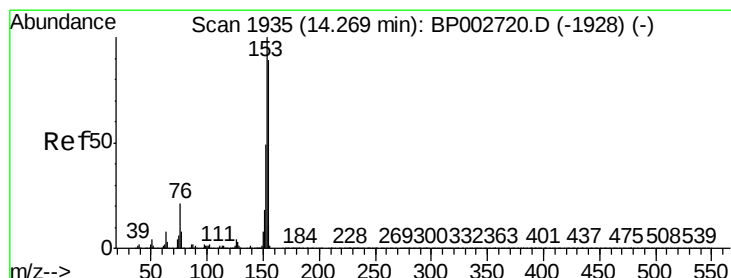
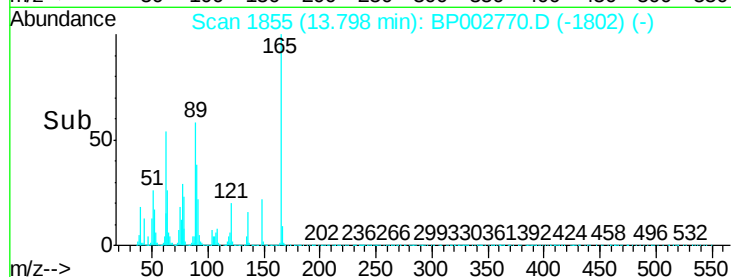
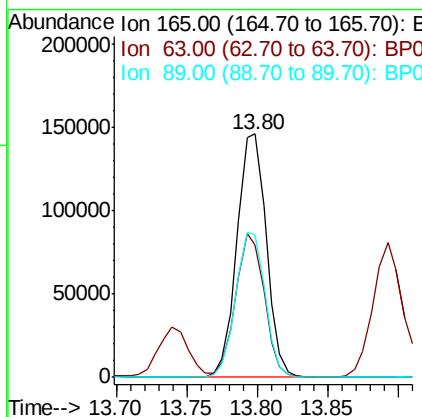
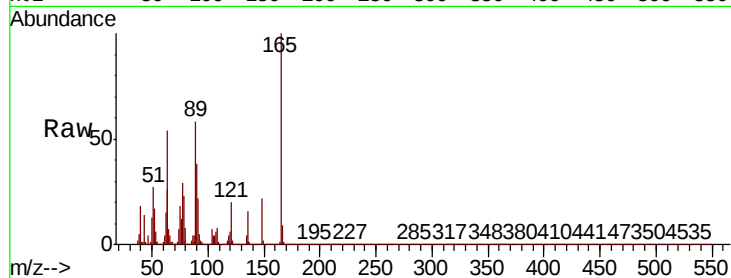
Time-->



#51
2,6-Dinitrotoluene
Concen: 41.808 ng
RT: 13.80 min Scan# 1855
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

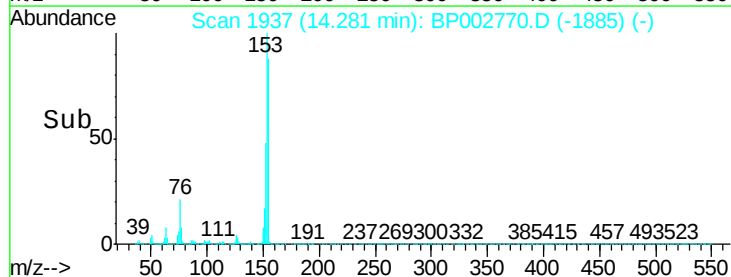
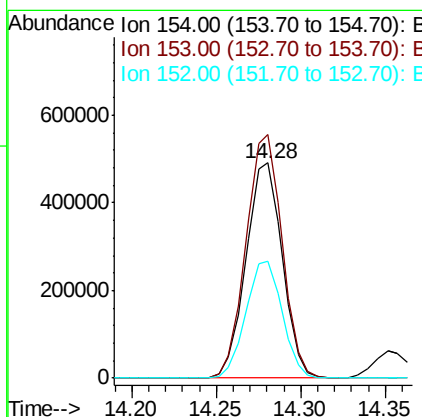
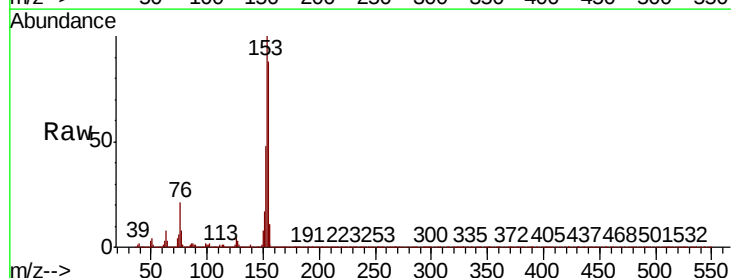
Instrument :
BNA_P
ClientSampleId :

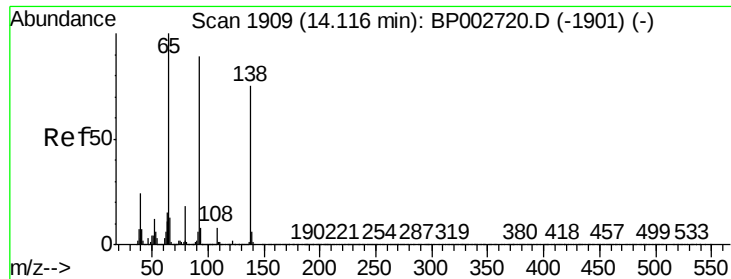
Tot Ion	Ratio	Lower	Upper
165	100		
63	54.2	43.2	64.8
89	58.5	44.6	67.0



#52
Acenaphthene
Concen: 41.287 ng
RT: 14.28 min Scan# 1937
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.2	90.1	135.1
152	54.5	43.8	65.6

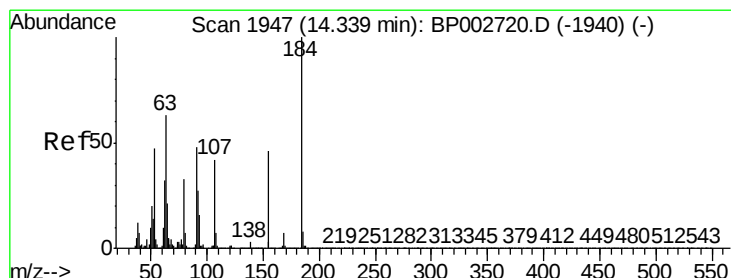
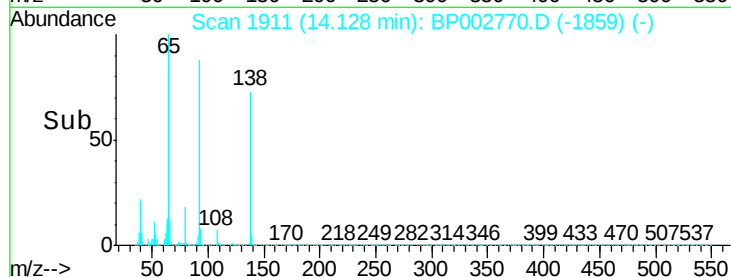
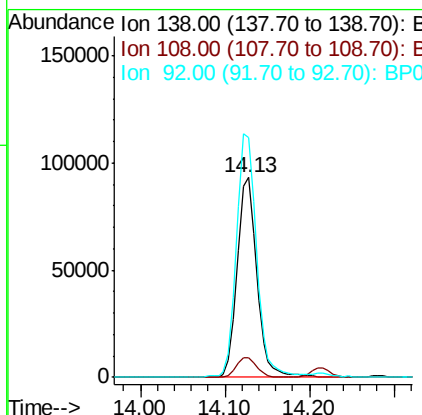
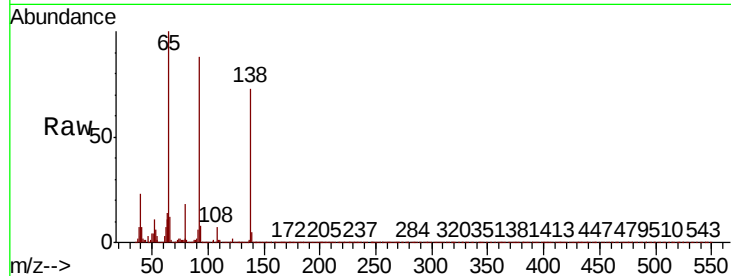




#53
3-Nitroaniline
Concen: 26.031 ng
RT: 14.13 min Scan# 1911
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

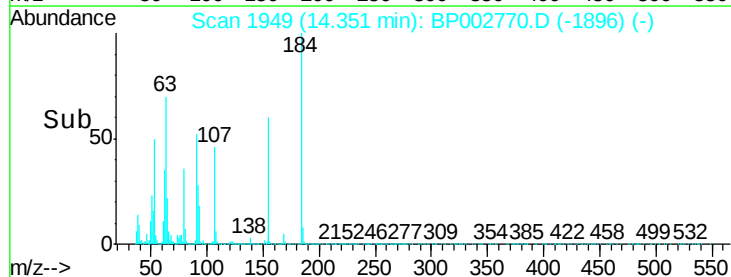
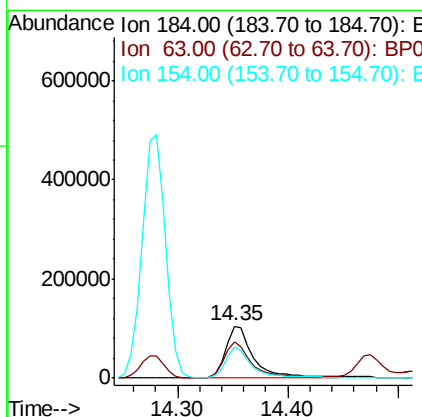
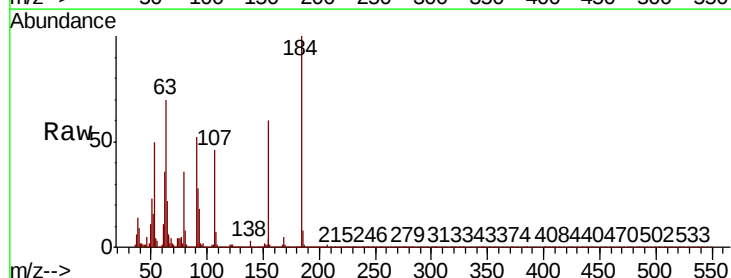
Instrument :
BNA_P
ClientSampleId :

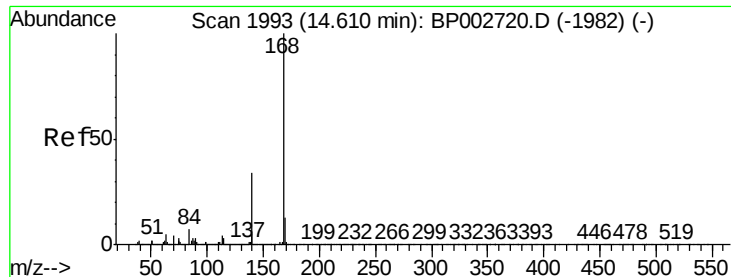
Tot Ion:138 Resp: 148504
Ion Ratio Lower Upper
138 100
108 10.1 8.2 12.2
92 120.3 94.3 141.5



#54
2,4-Dinitrophenol
Concen: 67.250 ng
RT: 14.35 min Scan# 1949
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

Tgt Ion:184 Resp: 185267
Ion Ratio Lower Upper
184 100
63 69.9 51.6 77.4
154 59.7 45.0 67.6

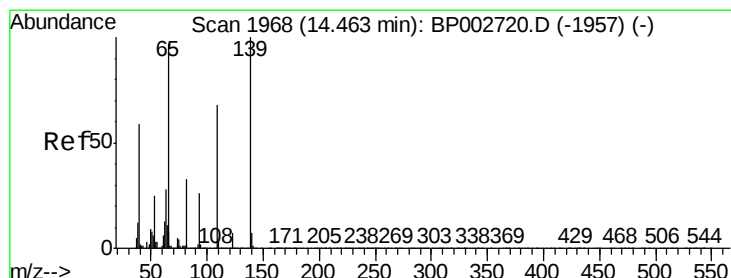
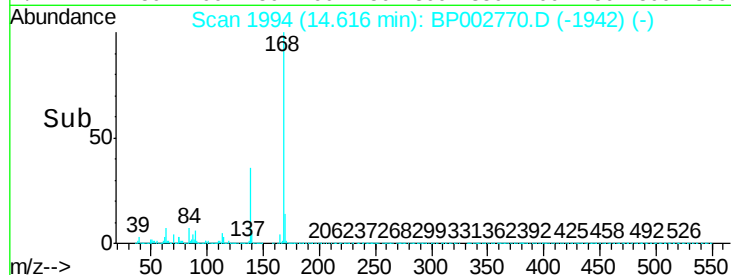
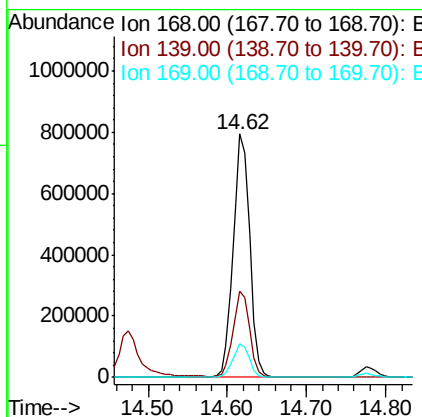
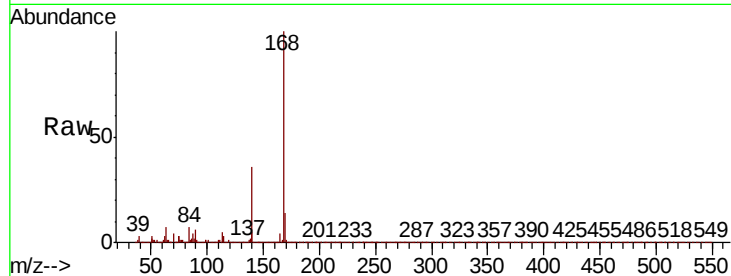




#55
Dibenzofuran
Concen: 40.046 ng
RT: 14.62 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

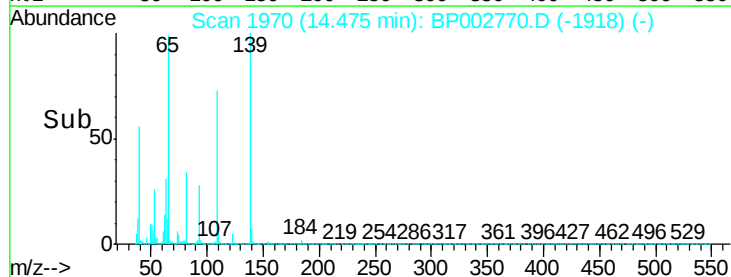
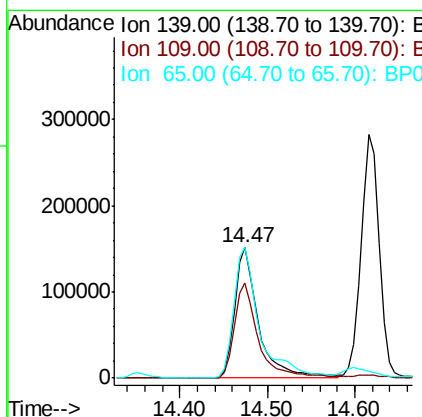
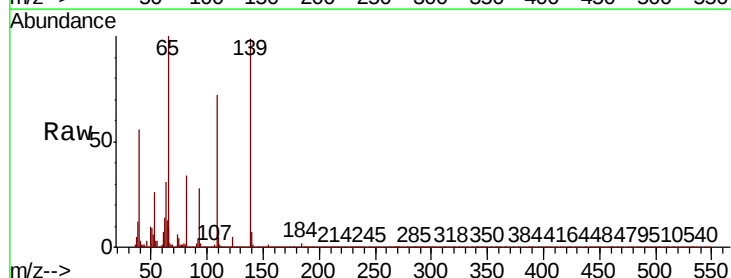
Instrument :
BNA_P
ClientSampled :

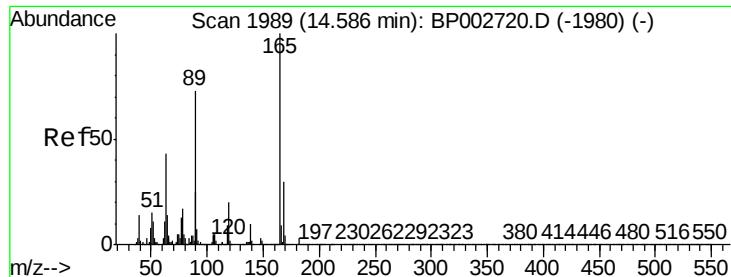
Tot Ion:168 Resp: 1144263
Ion Ratio Lower Upper
168 100
139 35.6 27.1 40.7
169 13.8 10.8 16.2



#56
4-Nitrophenol
Concen: 62.292 ng
RT: 14.47 min Scan# 1970
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

Tgt Ion:139 Resp: 279399
Ion Ratio Lower Upper
139 100
109 72.9 48.1 88.1
65 100.7 77.9 117.9

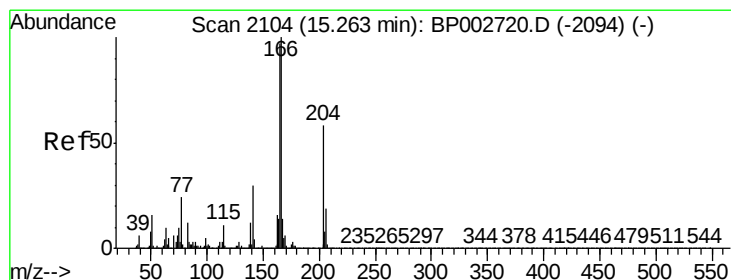
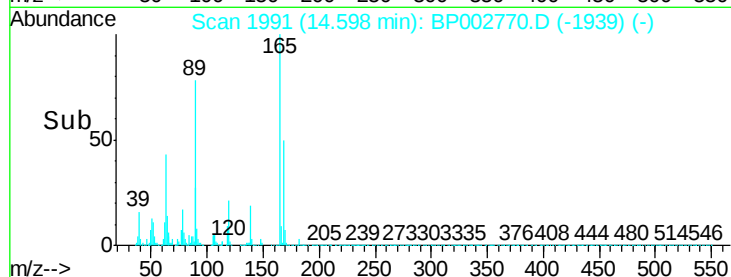
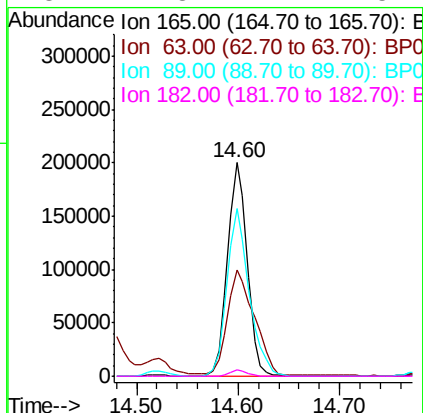
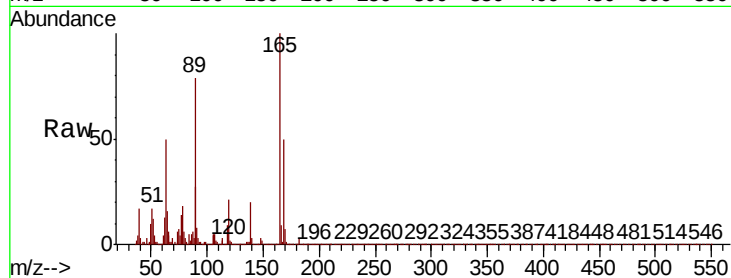




#57
2,4-Dinitrotoluene
Concen: 40.258 ng
RT: 14.60 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

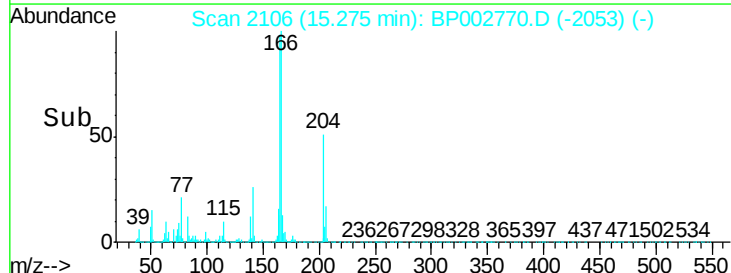
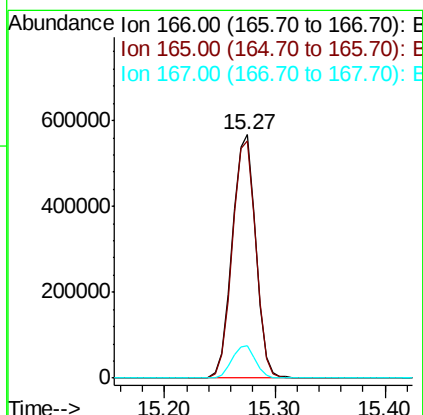
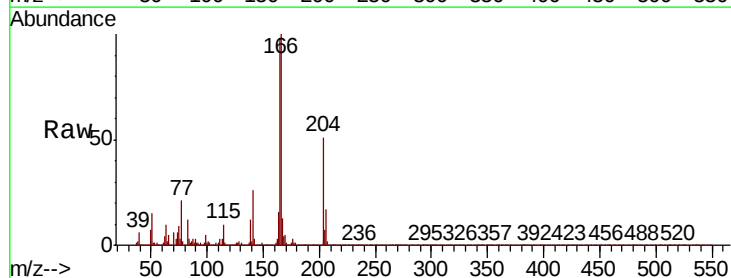
Instrument :
BNA_P
ClientSampleId :

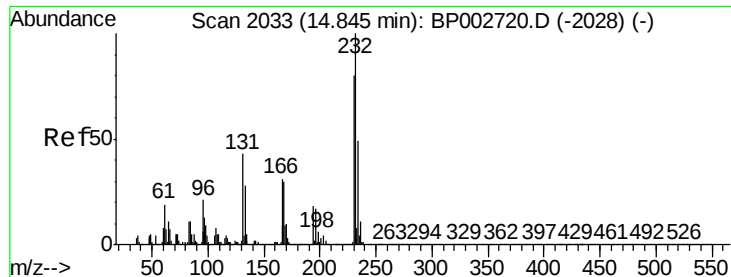
Tot Ion	Ratio	Lower	Upper
165	100		
63	49.9	35.1	52.7
89	78.5	58.4	87.6
182	2.8	2.2	3.2



#58
Fluorene
Concen: 40.002 ng
RT: 15.27 min Scan# 2106
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.7	116.5
167	13.2	11.0	16.6

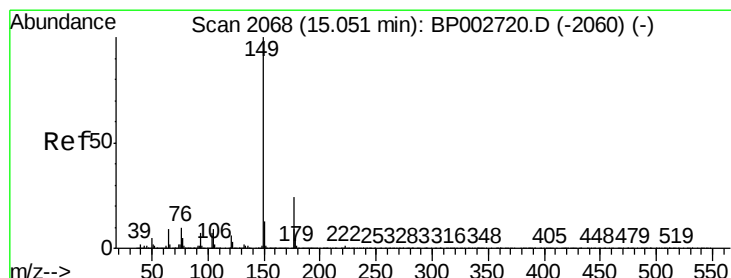
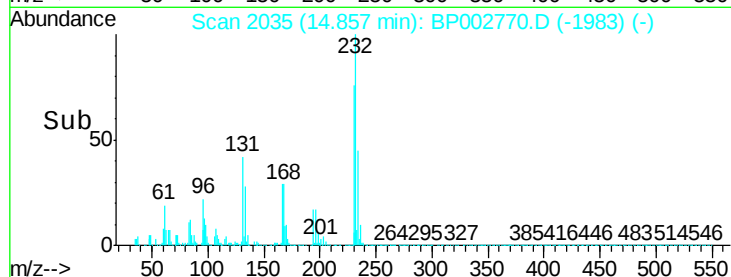
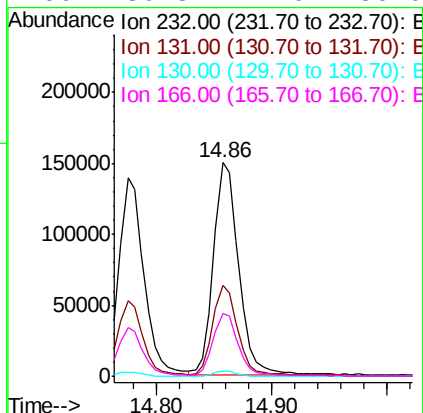
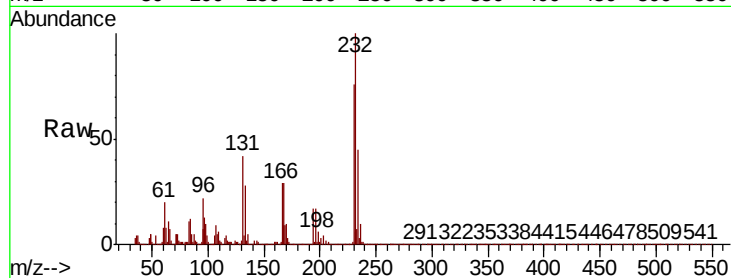




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.406 ng
 RT: 14.86 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BP002770.D
 Acq: 16 Jul 2020 13:53

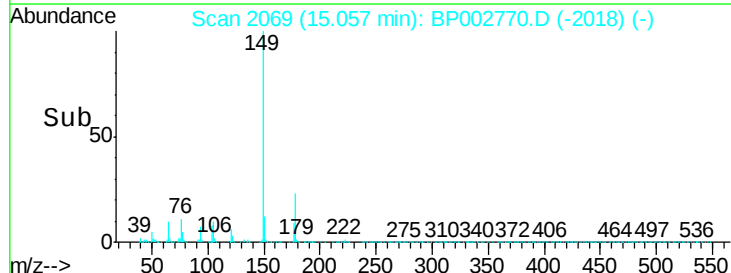
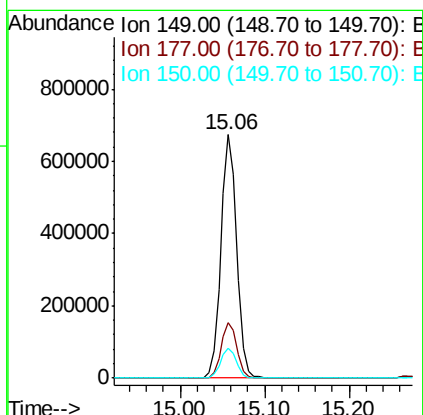
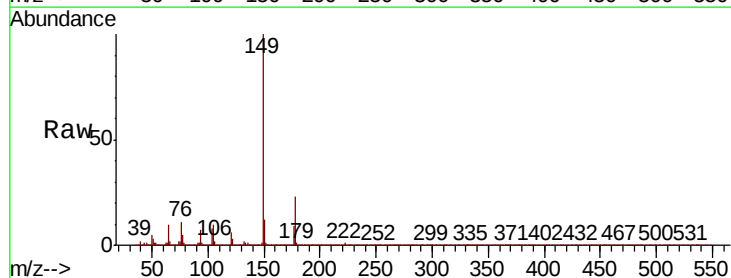
Instrument :
 BNA_P
 ClientSampleId :

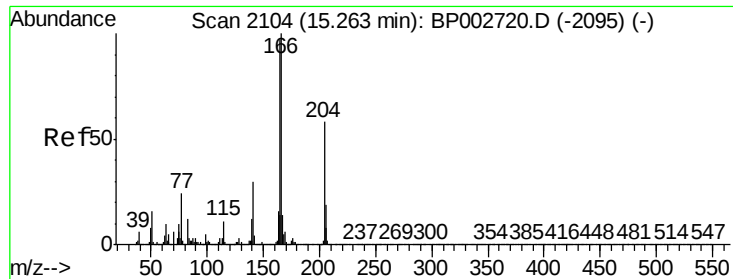
Tot Ion	Ratio	Lower	Upper
232	100		
131	43.0	34.3	51.5
130	2.3	1.8	2.6
166	30.3	24.0	36.0



#60
 Diethylphthalate
 Concen: 37.970 ng
 RT: 15.06 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: BP002770.D
 Acq: 16 Jul 2020 13:53

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.9	28.3
150	12.5	10.1	15.1

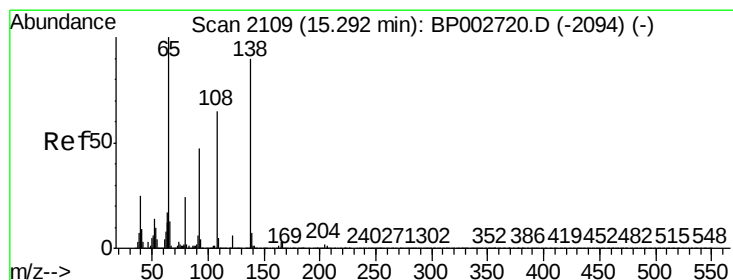
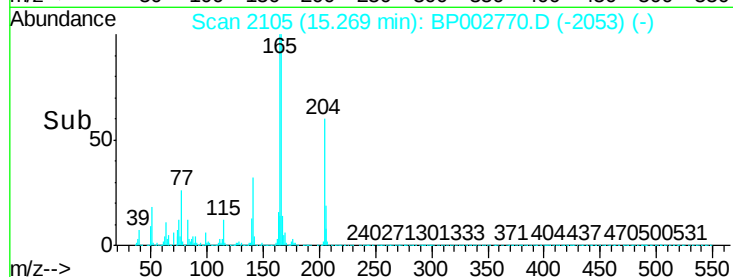
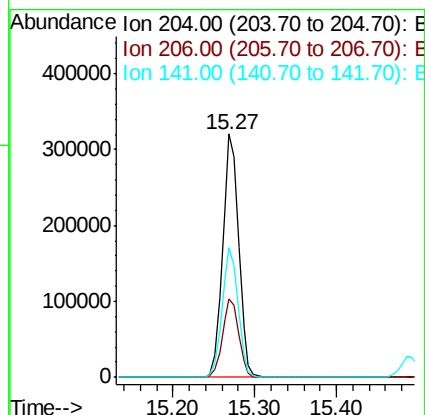
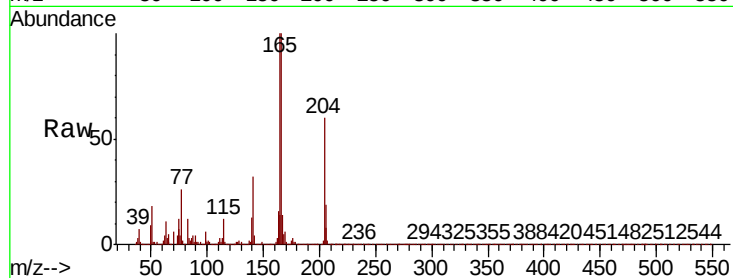




#61
4-Chlorophenyl-phenylether
Concen: 38.769 ng
RT: 15.27 min Scan# 2105
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

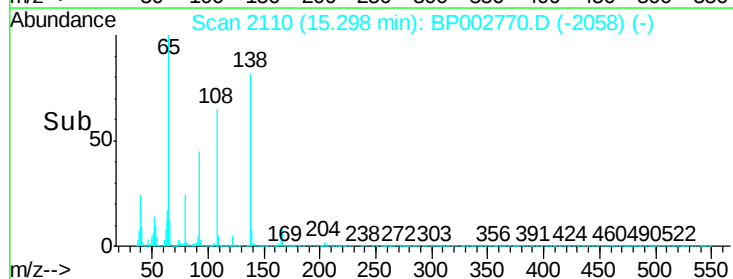
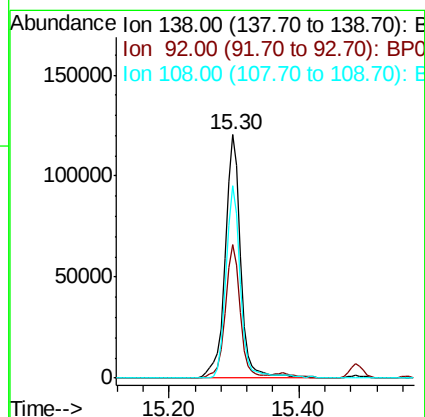
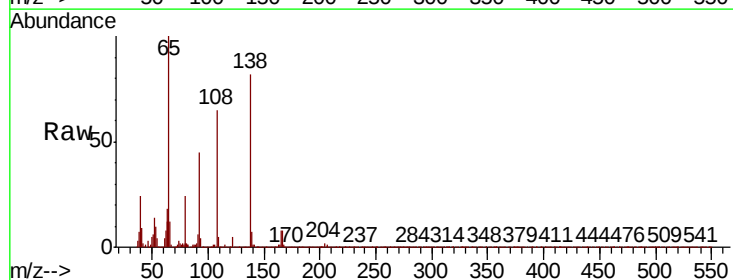
Instrument :
BNA_P
ClientSampled :

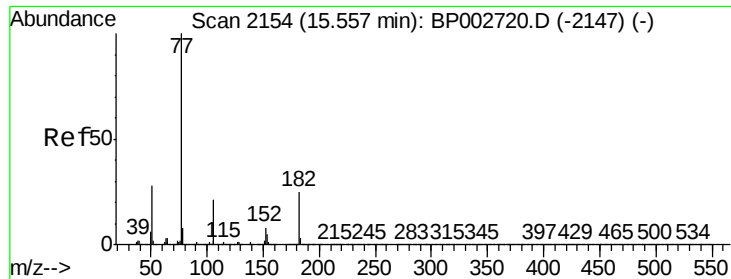
Tot Ion:204 Resp: 435544
Ion Ratio Lower Upper
204 100
206 32.3 26.1 39.1
141 53.5 41.8 62.8



#62
4-Nitroaniline
Concen: 33.205 ng
RT: 15.30 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

Tgt Ion:138 Resp: 199669
Ion Ratio Lower Upper
138 100
92 54.7 32.0 72.0
108 79.2 52.2 92.2





#63

Azobenzene

Concen: 41.237 ng

RT: 15.56 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BP002770.D

Acq: 16 Jul 2020 13:53

Instrument :

BNA_P

ClientSampled :

Tot Ion: 77 Resp: 979109

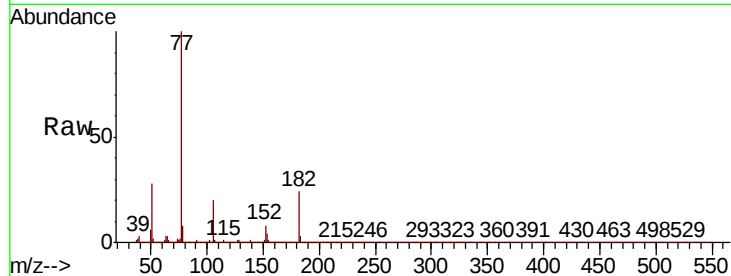
Ion Ratio Lower Upper

77 100

182 23.9 5.1 45.1

105 20.0 0.8 40.8

51 28.5 7.6 47.6

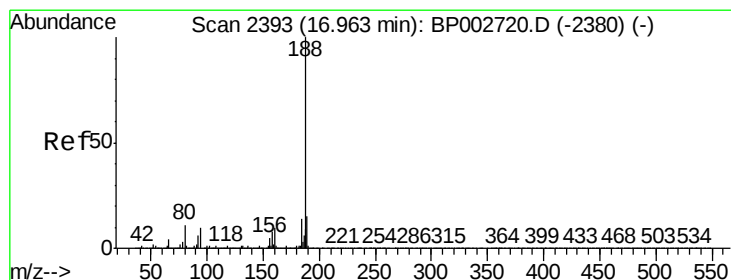
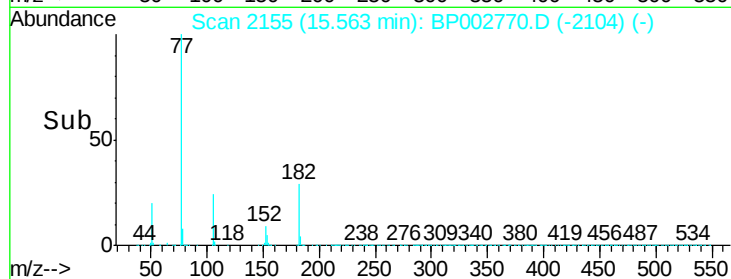
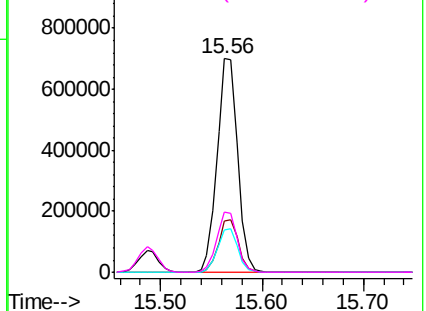


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BP0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.97 min Scan# 2395

Delta R.T. 0.01 min

Lab File: BP002770.D

Acq: 16 Jul 2020 13:53

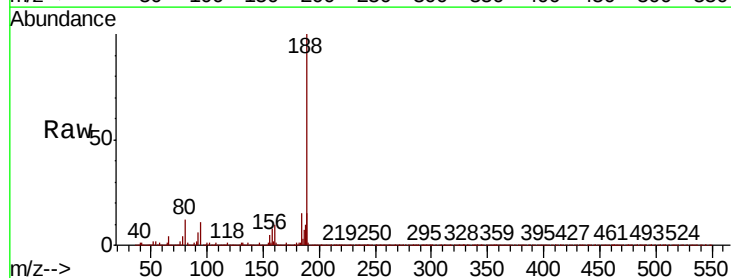
Tgt Ion: 188 Resp: 565959

Ion Ratio Lower Upper

188 100

94 11.0 8.1 12.1

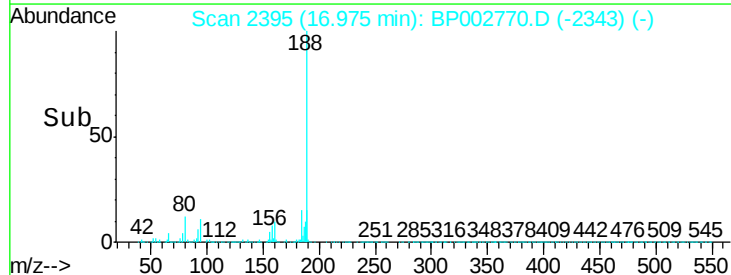
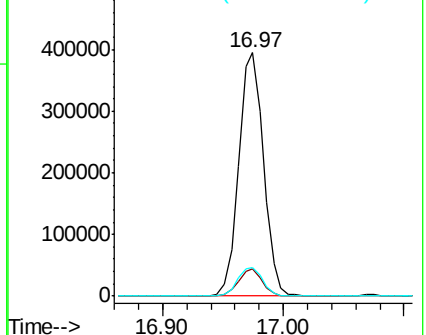
80 11.7 8.9 13.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0





#65

4,6-Dinitro-2-methylphenol

Concen: 41.365 ng

RT: 15.37 min Scan# 2123

Delta R.T. 0.01 min

Lab File: BP002770.D

Acq: 16 Jul 2020 13:53

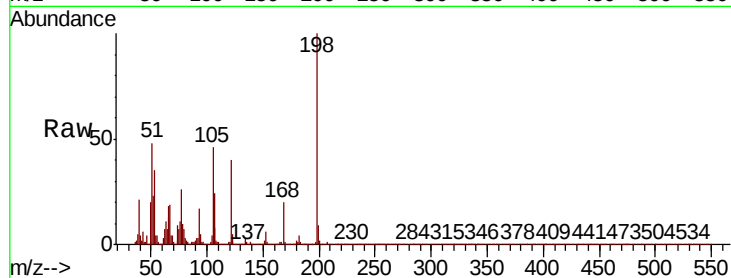
Instrument :

BNA_P

ClientSampleId :

Tot Ion:198 Resp: 137166

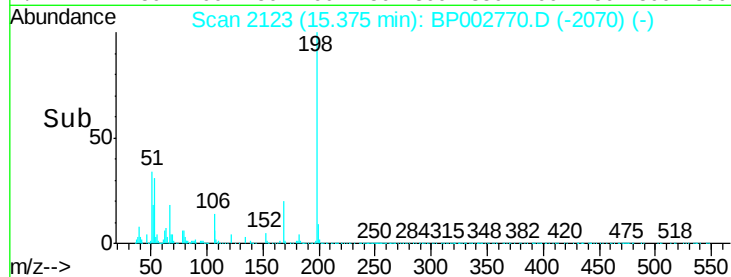
Ion	Ratio	Lower	Upper
198	100		
51	48.4	27.1	67.1
105	45.9	24.9	64.9



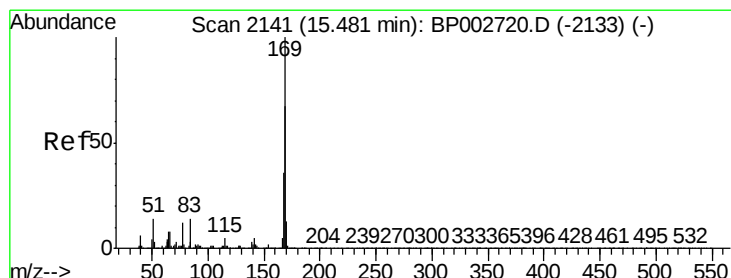
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 45.859 ng

RT: 15.49 min Scan# 2142

Delta R.T. 0.00 min

Lab File: BP002770.D

Acq: 16 Jul 2020 13:53

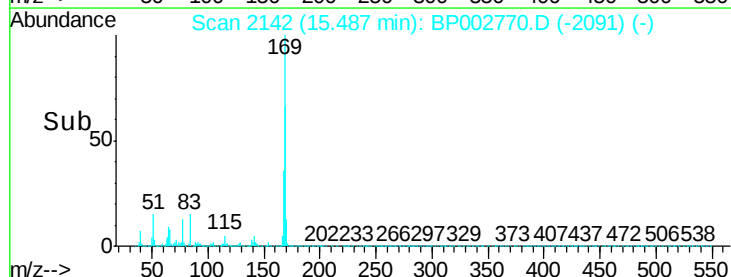
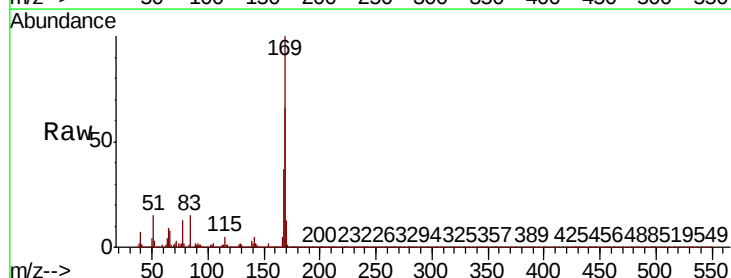
Tgt Ion:169 Resp: 766694

Ion	Ratio	Lower	Upper
169	100		
168	66.4	53.4	80.0
167	36.5	29.2	43.8

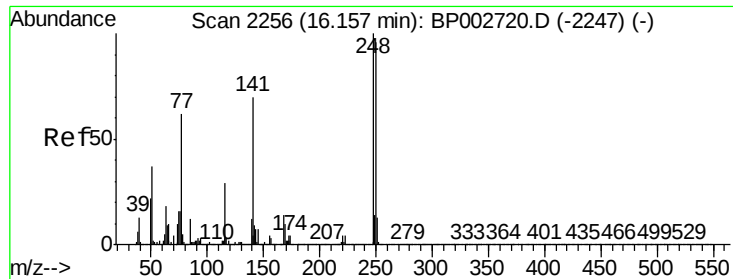
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



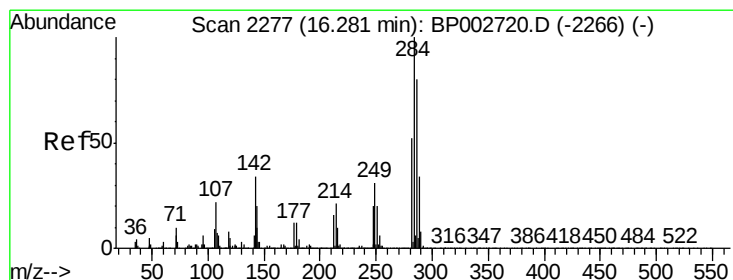
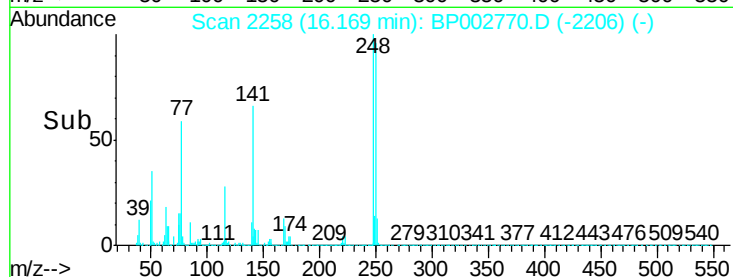
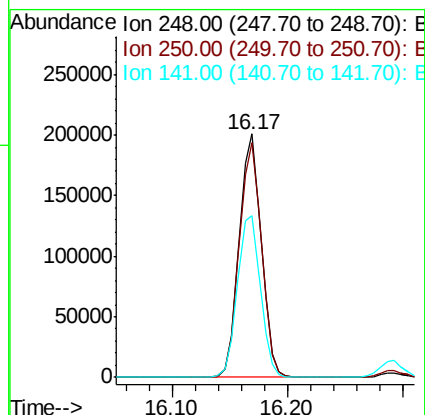
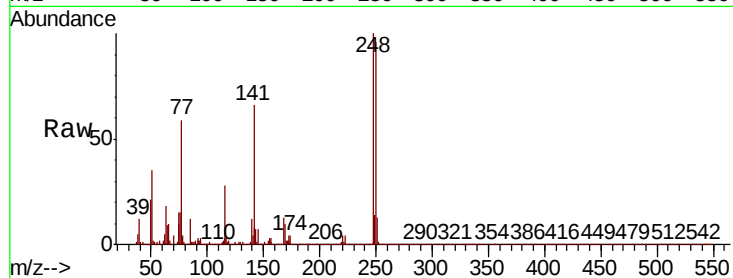
Time-->



#67
4-Bromophenyl-phenylether
Concen: 43.387 ng
RT: 16.17 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

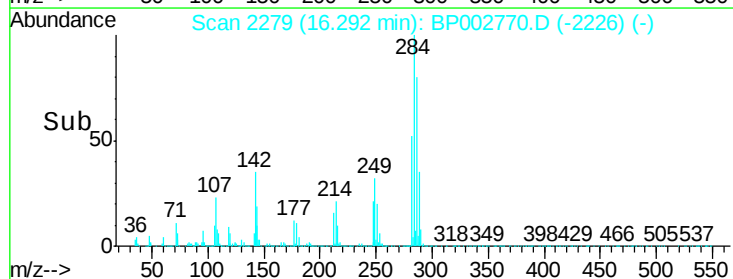
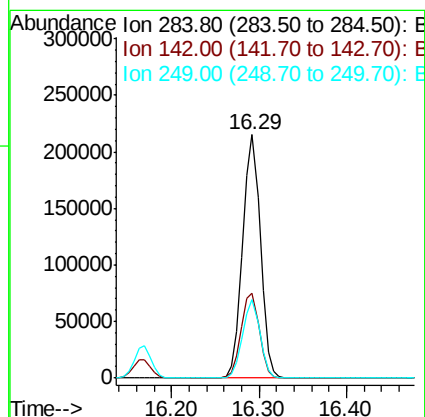
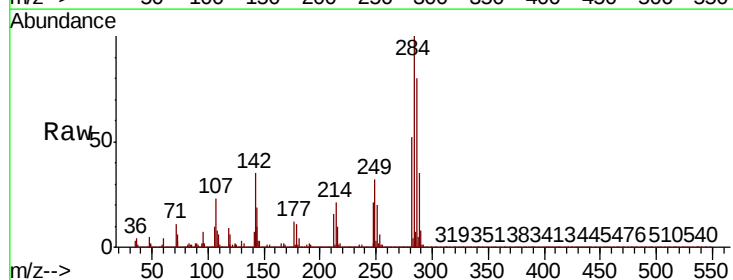
Instrument :
BNA_P
ClientSampled :

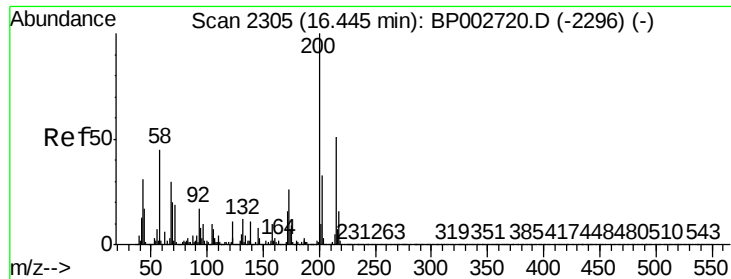
Tot Ion:248 Resp: 267481
Ion Ratio Lower Upper
248 100
250 96.5 76.7 115.1
141 66.4 55.9 83.9



#68
Hexachlorobenzene
Concen: 44.679 ng
RT: 16.29 min Scan# 2279
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

Tgt Ion:284 Resp: 290214
Ion Ratio Lower Upper
284 100
142 35.1 26.9 40.3
249 32.4 24.6 37.0

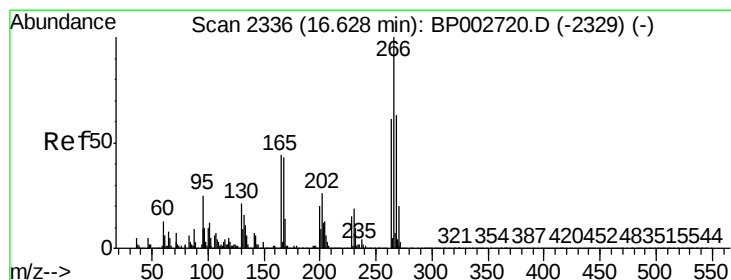
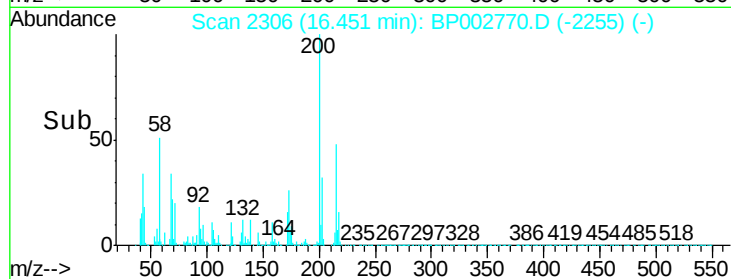
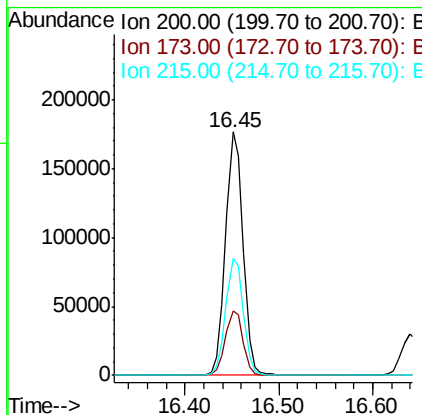
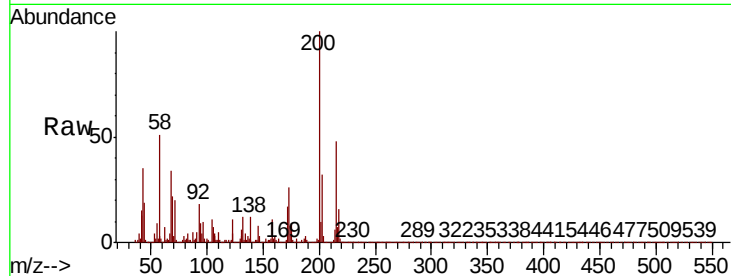




#69
Atrazine
Concen: 50.327 ng
RT: 16.45 min Scan# 2306
Delta R.T. 0.00 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

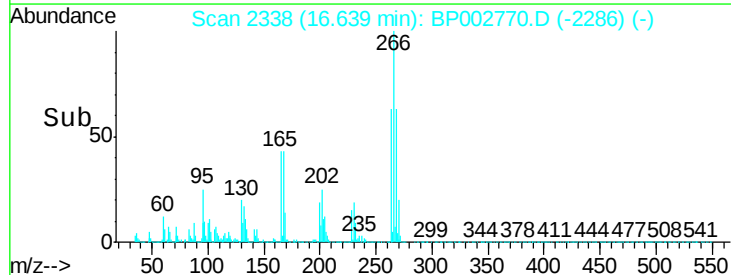
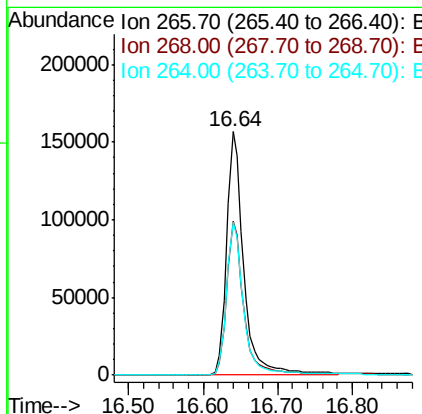
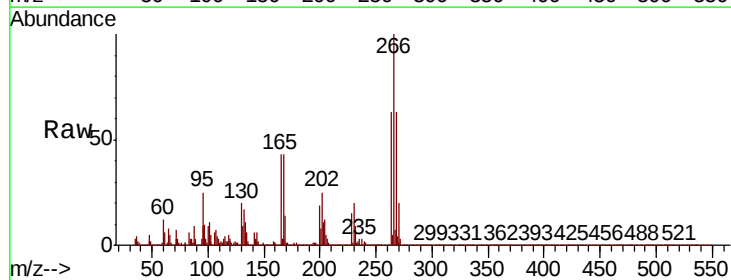
Instrument :
BNA_P
ClientSampleId :

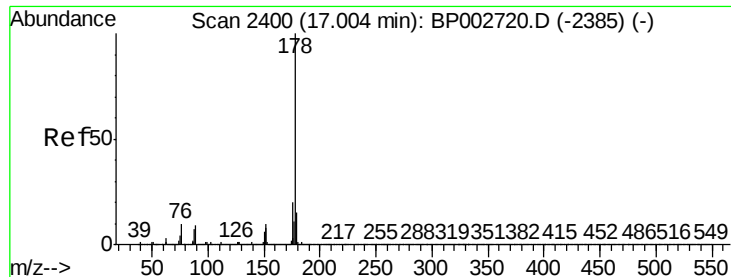
Tot Ion:200 Resp: 229704
Ion Ratio Lower Upper
200 100
173 26.4 6.3 46.3
215 47.9 30.6 70.6



#70
Pentachlorophenol
Concen: 80.528 ng
RT: 16.64 min Scan# 2338
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

Tgt Ion:266 Resp: 253154
Ion Ratio Lower Upper
266 100
268 63.1 50.6 75.8
264 62.8 48.6 72.8

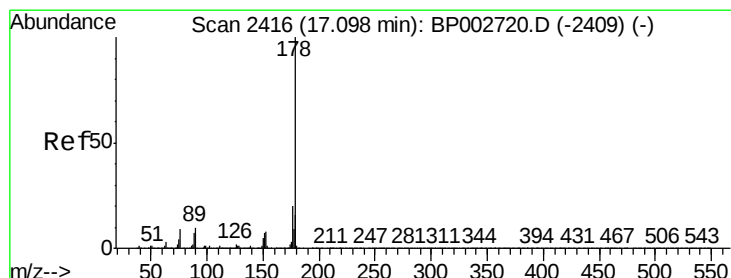
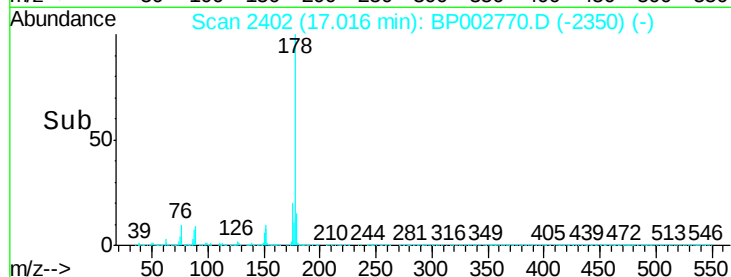
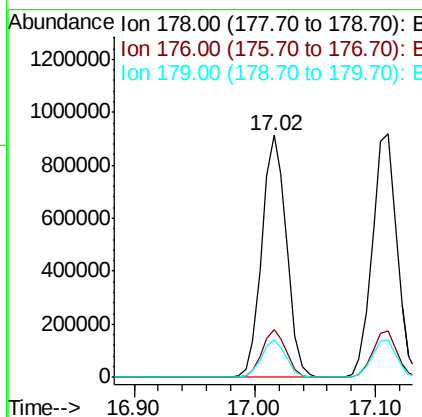
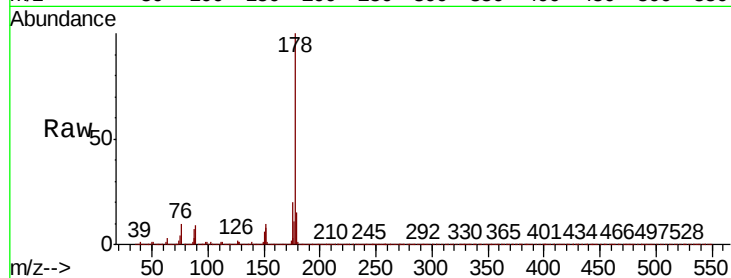




#71
Phenanthrene
Concen: 42.368 ng
RT: 17.02 min Scan# 2402
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

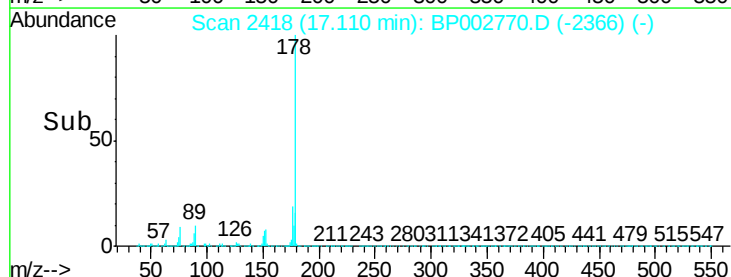
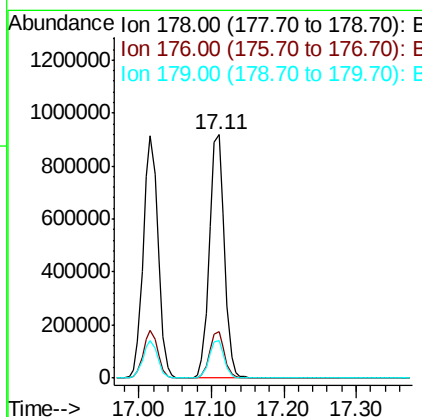
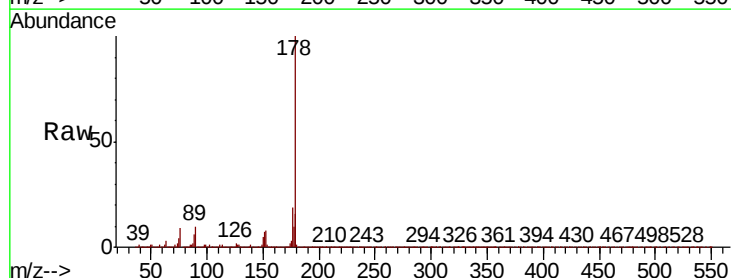
Instrument :
BNA_P
ClientSampled :

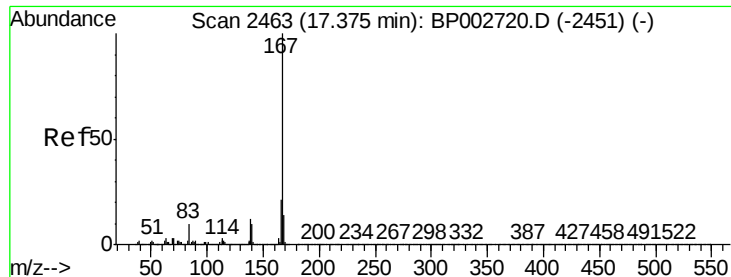
Tot Ion:178 Resp: 1298287
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 15.5 12.3 18.5



#72
Anthracene
Concen: 43.735 ng
RT: 17.11 min Scan# 2418
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

Tgt Ion:178 Resp: 1315116
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 15.6 12.6 19.0





#73

Carbazole

Concen: 39.519 ng

RT: 17.38 min Scan# 2464

Delta R.T. 0.00 min

Lab File: BP002770.D

Acq: 16 Jul 2020 13:53

Instrument :

BNA_P

ClientSampleId :

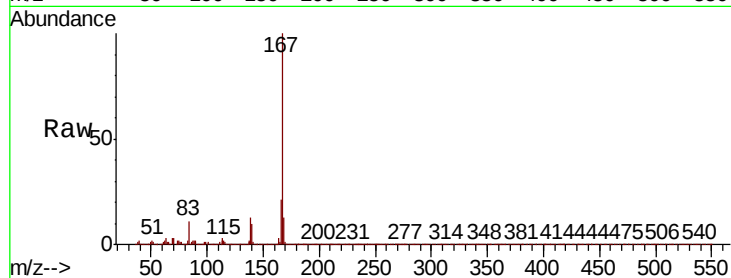
Tot Ion:167 Resp: 1166132

Ion Ratio Lower Upper

167 100

166 21.0 17.1 25.7

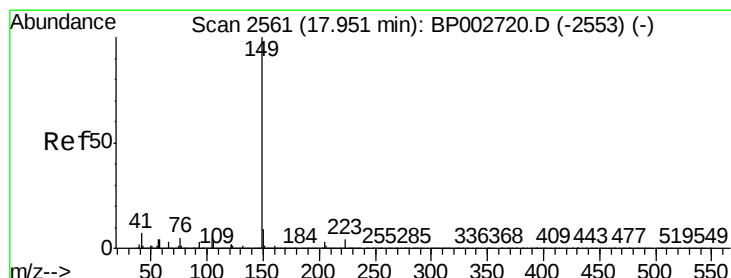
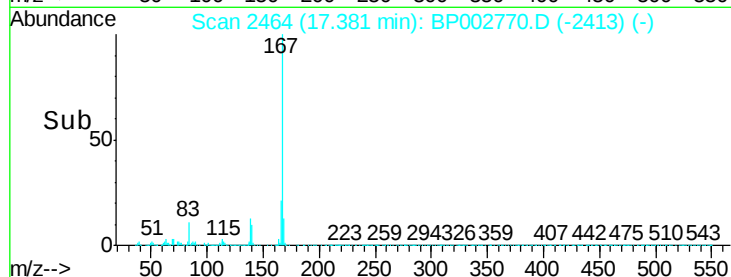
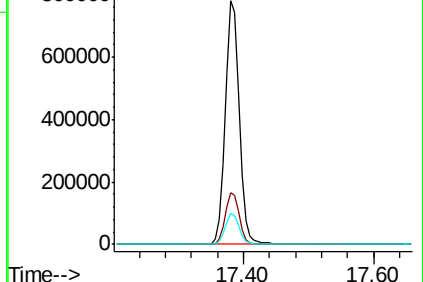
139 12.6 9.6 14.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.547 ng

RT: 17.96 min Scan# 2562

Delta R.T. 0.00 min

Lab File: BP002770.D

Acq: 16 Jul 2020 13:53

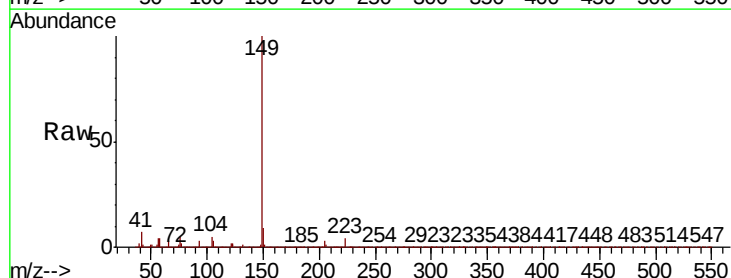
Tgt Ion:149 Resp: 1425614

Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

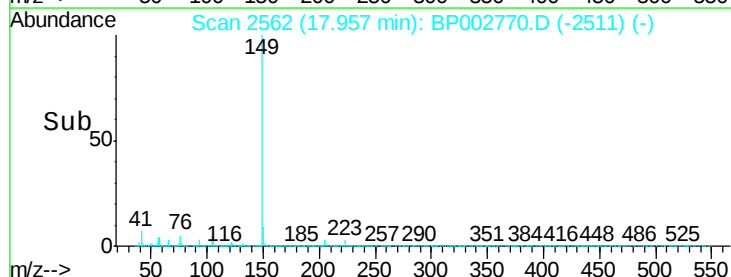
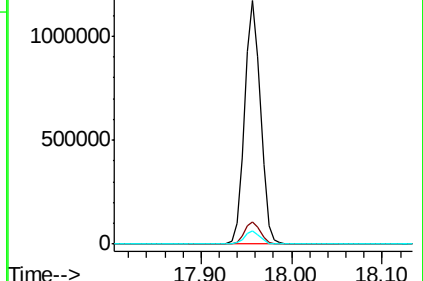
104 5.2 4.0 6.0

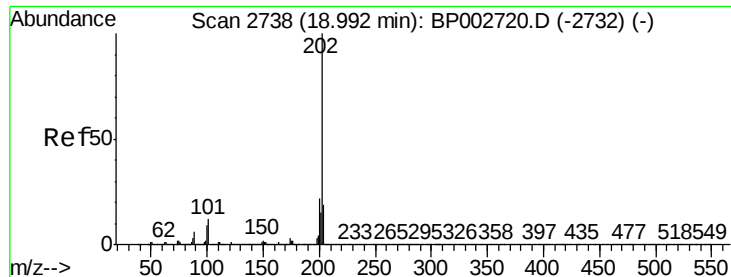


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.434 ng

RT: 19.00 min Scan# 2740

Delta R.T. 0.01 min

Lab File: BP002770.D

Acq: 16 Jul 2020 13:53

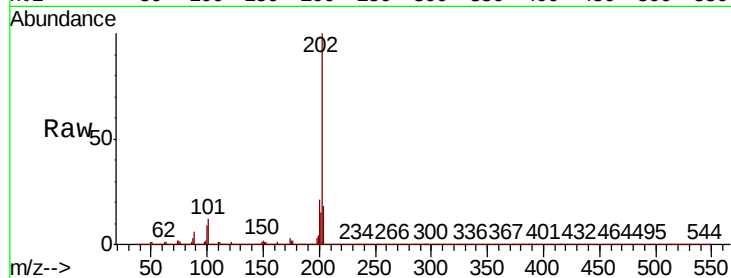
Instrument :

BNA_P

ClientSampleId :

Tot Ion:202 Resp: 1435692

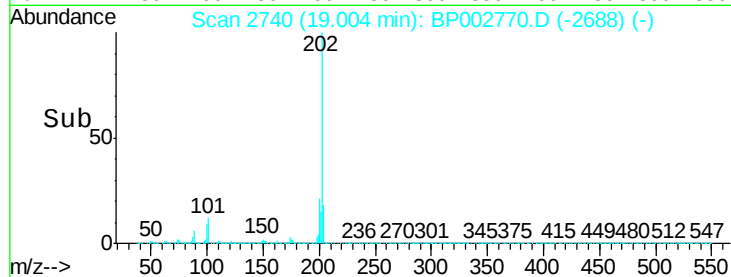
Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	32.5
203	17.6	0.0	38.6



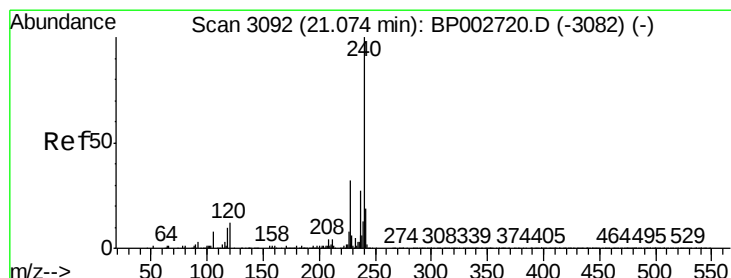
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 18.90 19.00 19.10



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.08 min Scan# 3093

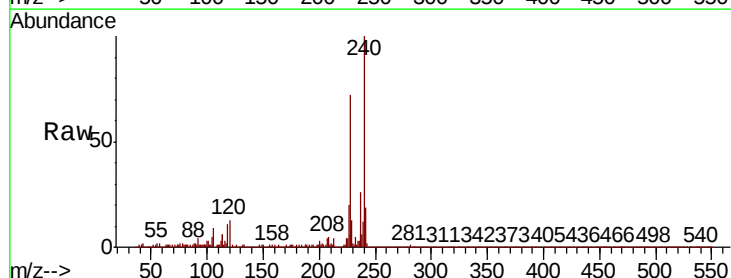
Delta R.T. 0.01 min

Lab File: BP002770.D

Acq: 16 Jul 2020 13:53

Tgt Ion:240 Resp: 420748

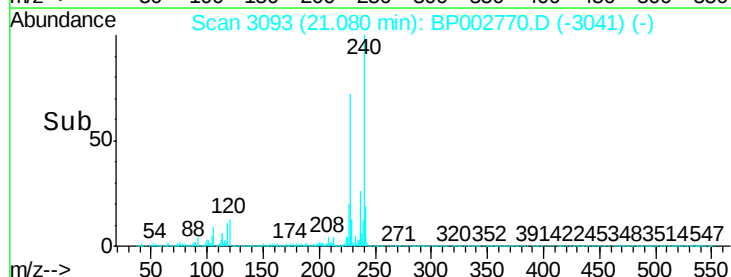
Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.4	14.2
236	26.3	21.3	31.9



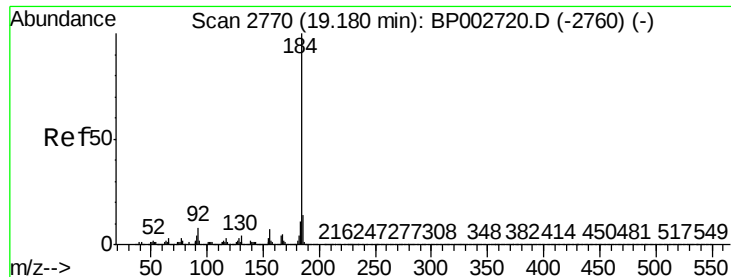
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.00 21.10 21.20



#77

Benzidine

Concen: 73.404 ng

RT: 19.19 min Scan# 2771

Delta R.T. 0.01 min

Lab File: BP002770.D

Acq: 16 Jul 2020 13:53

Instrument :

BNA_P

ClientSampleId :

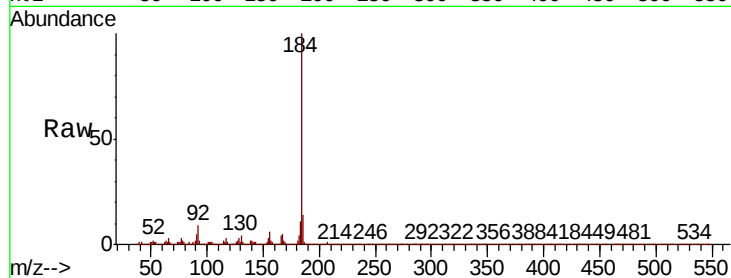
Tot Ion:184 Resp: 765530

Ion Ratio Lower Upper

184 100

185 13.5 11.4 17.2

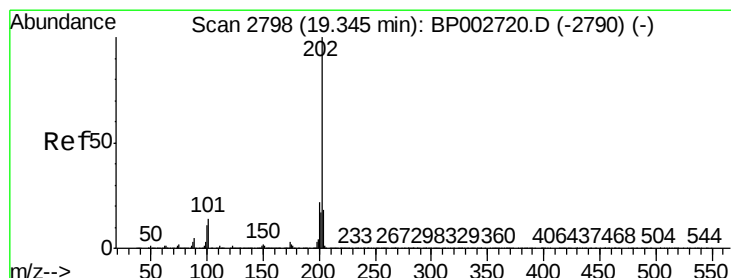
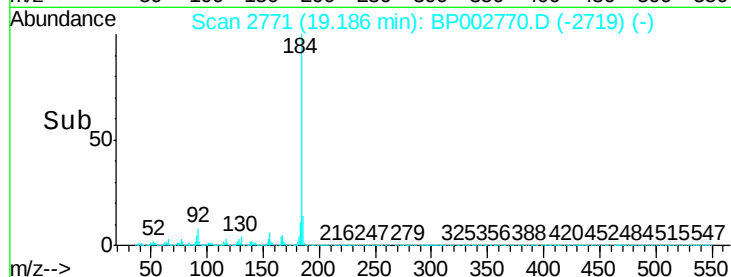
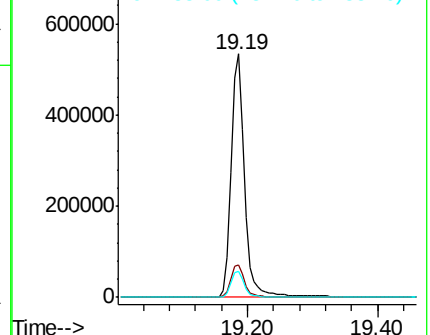
183 10.9 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.594 ng

RT: 19.36 min Scan# 2800

Delta R.T. 0.01 min

Lab File: BP002770.D

Acq: 16 Jul 2020 13:53

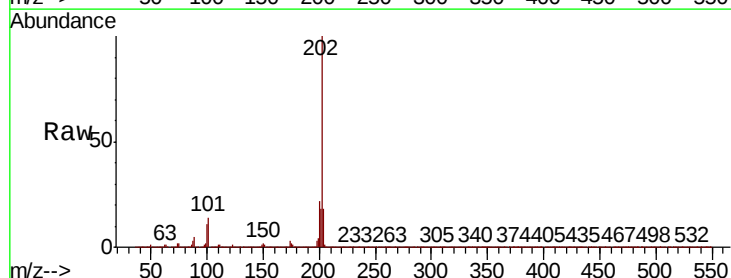
Tgt Ion:202 Resp: 1411651

Ion Ratio Lower Upper

202 100

200 21.6 17.7 26.5

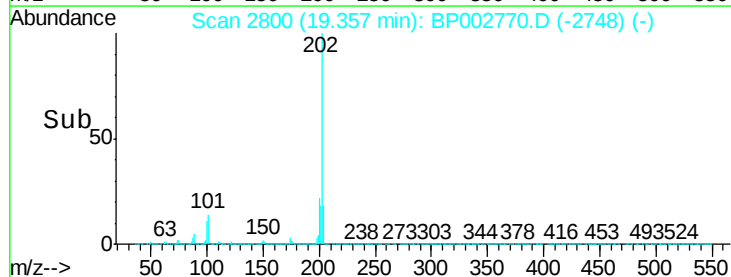
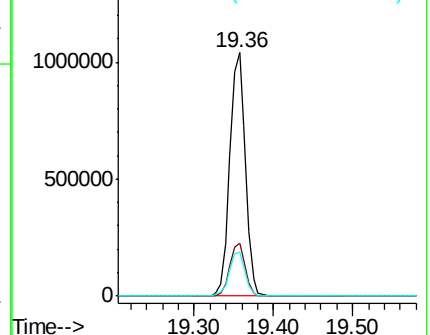
203 18.3 14.5 21.7

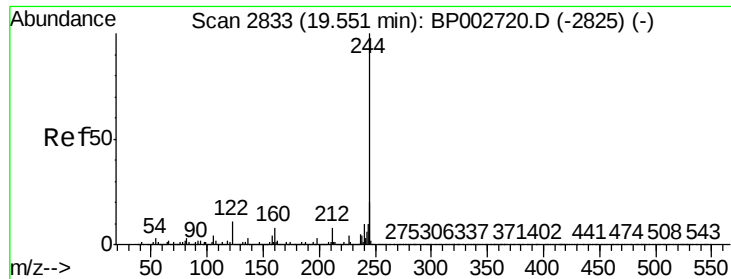


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.063 ng

RT: 19.56 min Scan# 2835

Delta R.T. 0.01 min

Lab File: BP002770.D

Acq: 16 Jul 2020 13:53

Instrument :

BNA_P

ClientSampled :

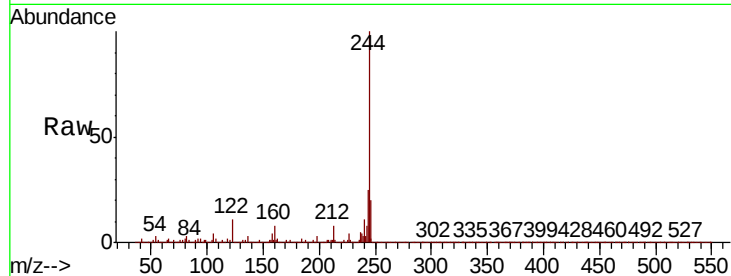
Tot Ion:244 Resp: 1450923

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

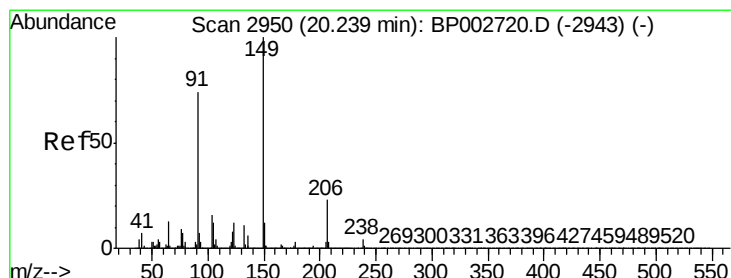
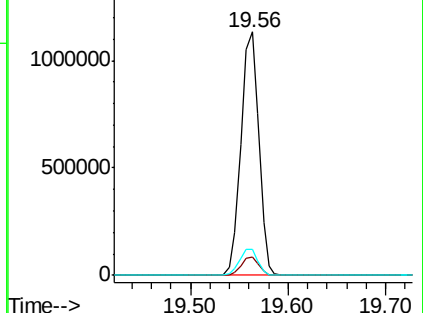
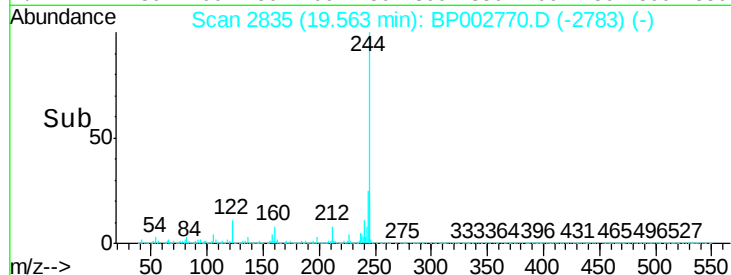
122 10.8 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 51.516 ng

RT: 20.25 min Scan# 2951

Delta R.T. 0.01 min

Lab File: BP002770.D

Acq: 16 Jul 2020 13:53

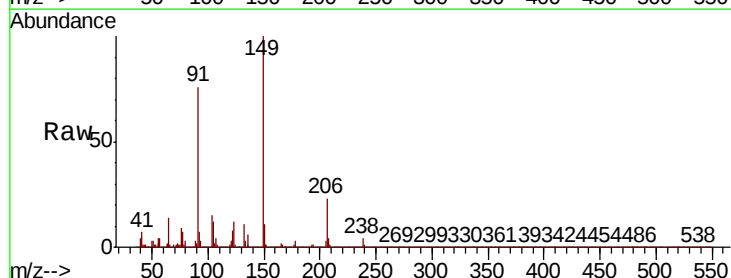
Tgt Ion:149 Resp: 590557

Ion Ratio Lower Upper

149 100

91 76.0 59.4 89.2

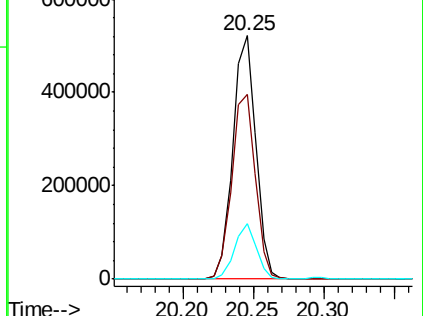
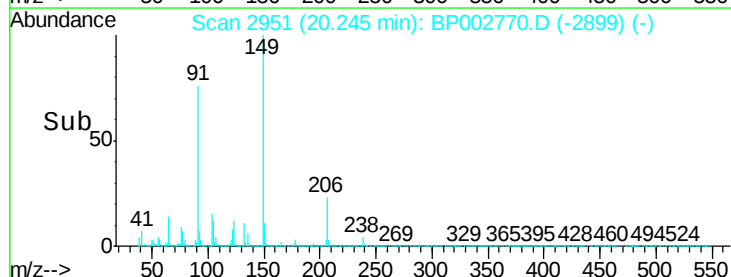
206 22.8 18.3 27.5

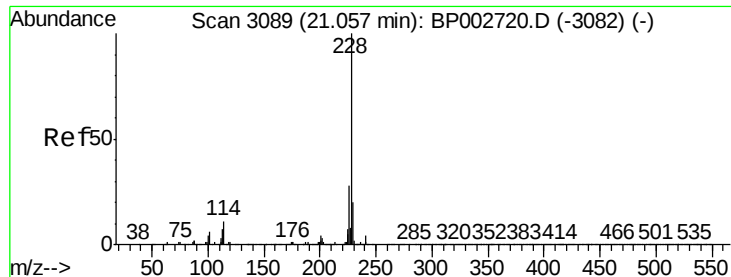


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

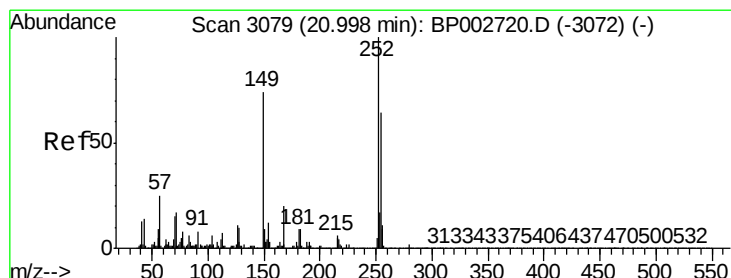
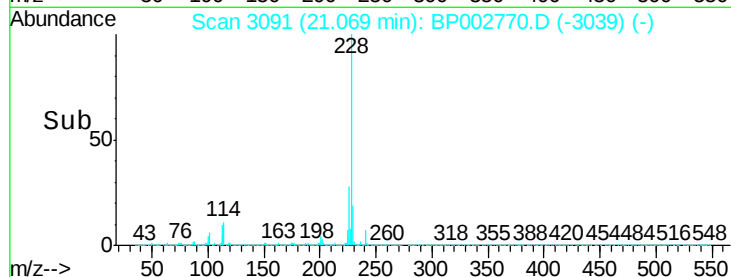
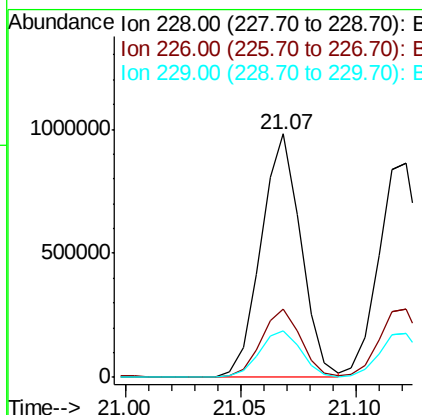
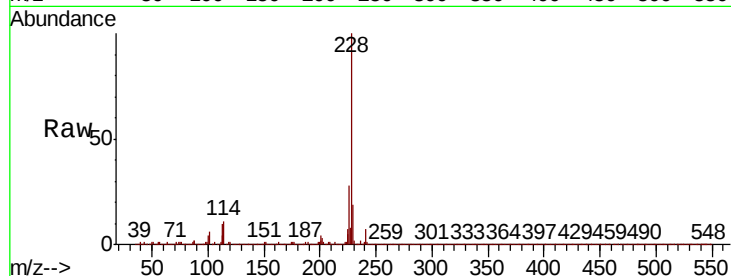




#81
Benzo(a)anthracene
Concen: 43.190 ng
RT: 21.07 min Scan# 3091
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

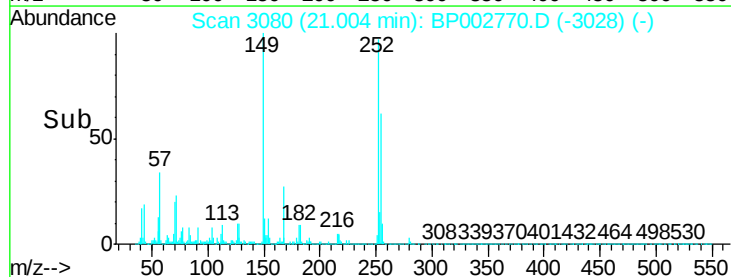
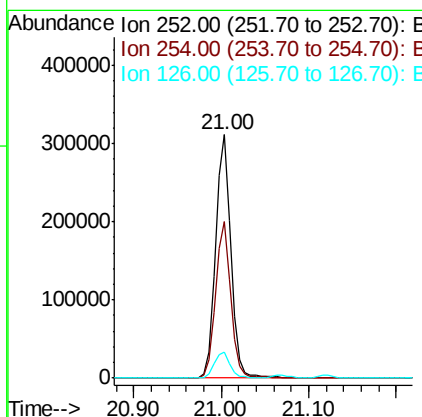
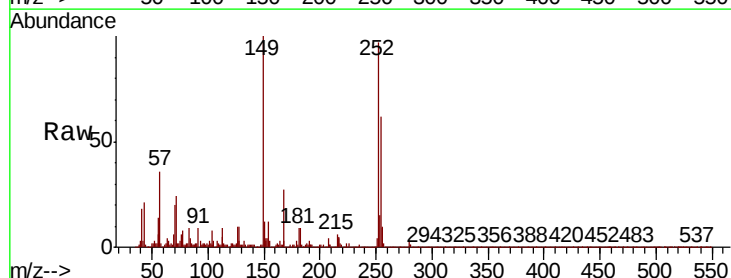
Instrument :
BNA_P
ClientSampled :

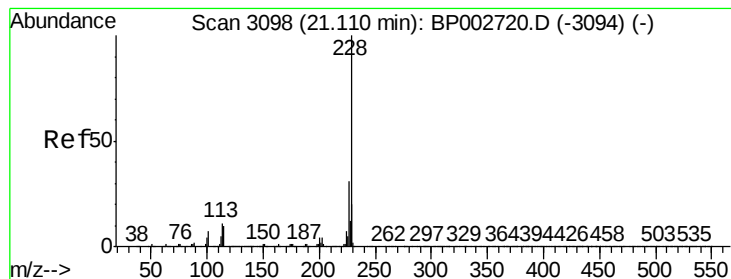
Tot Ion:228 Resp: 1176341
Ion Ratio Lower Upper
228 100
226 27.8 22.6 34.0
229 19.2 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 41.849 ng
RT: 21.00 min Scan# 3080
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

Tgt Ion:252 Resp: 377483
Ion Ratio Lower Upper
252 100
254 64.1 51.0 76.4
126 10.8 8.4 12.6





#83

Chrysene

Concen: 43.128 ng

RT: 21.12 min Scan# 3100

Delta R.T. 0.01 min

Lab File: BP002770.D

Acq: 16 Jul 2020 13:53

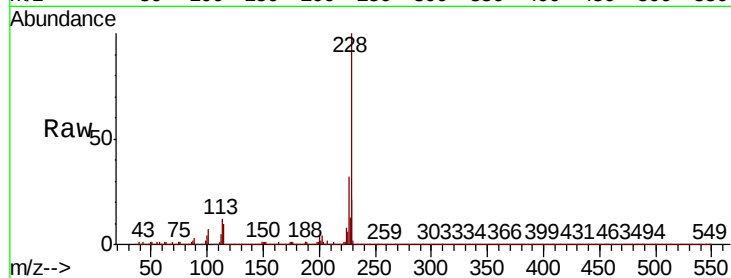
Instrument :

BNA_P

ClientSampled :

Tot Ion:228 Resp: 1118142

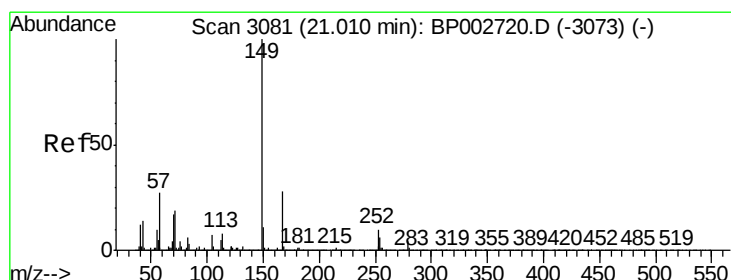
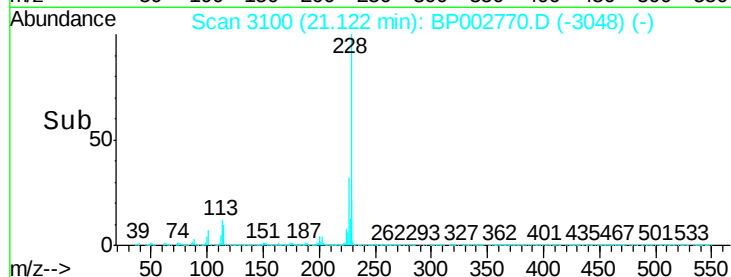
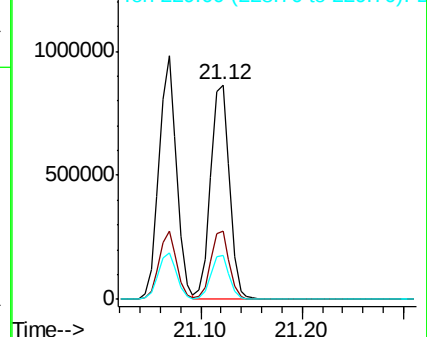
Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.6	37.0
229	20.6	15.7	23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.531 ng

RT: 21.02 min Scan# 3082

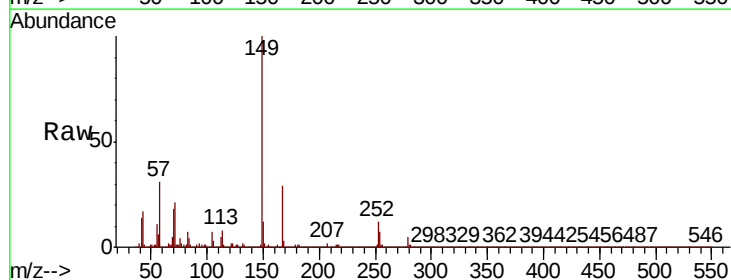
Delta R.T. 0.01 min

Lab File: BP002770.D

Acq: 16 Jul 2020 13:53

Tgt Ion:149 Resp: 773770

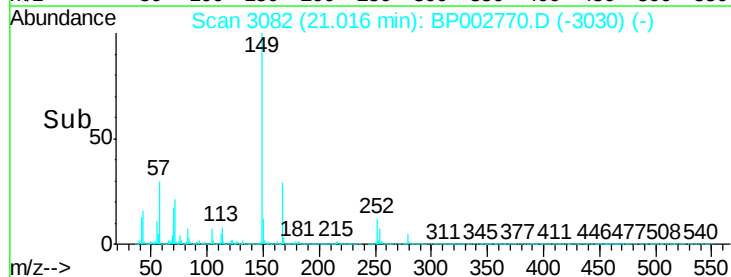
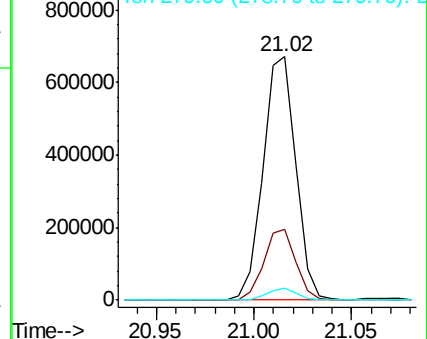
Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.4	33.6
279	5.0	3.5	5.3

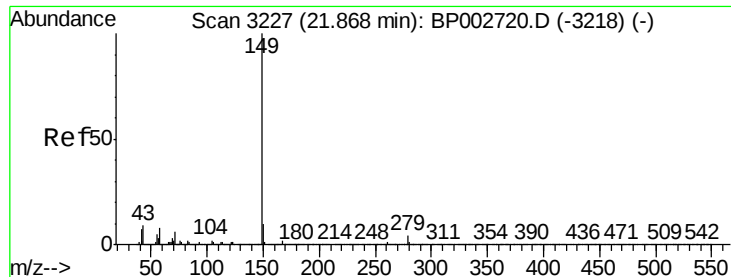


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.663 ng

RT: 21.87 min Scan# 3228

Delta R.T. 0.00 min

Lab File: BP002770.D

Acq: 16 Jul 2020 13:53

Instrument :

BNA_P

ClientSampleId :

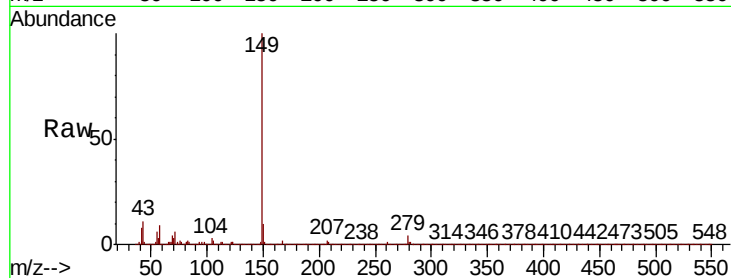
Tot Ion:149 Resp: 1337587

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

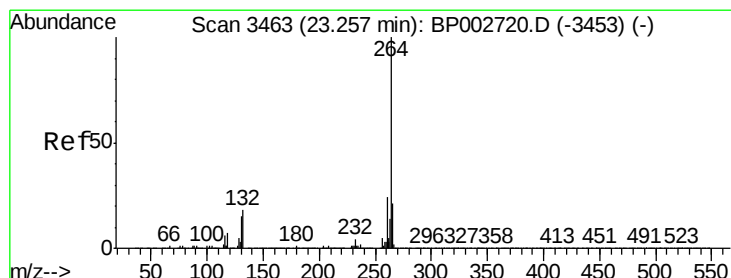
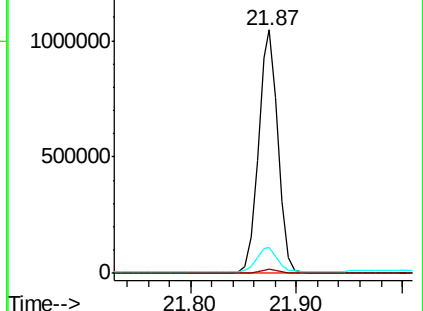
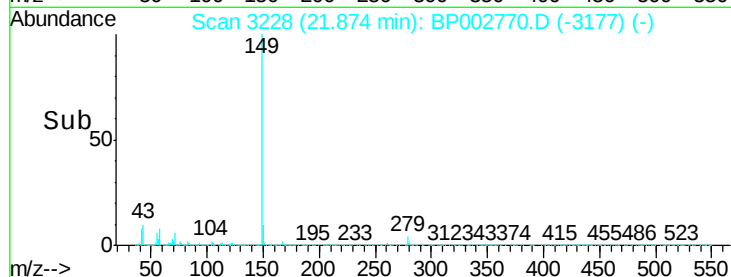
43 10.0 8.2 12.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.27 min Scan# 3466

Delta R.T. 0.01 min

Lab File: BP002770.D

Acq: 16 Jul 2020 13:53

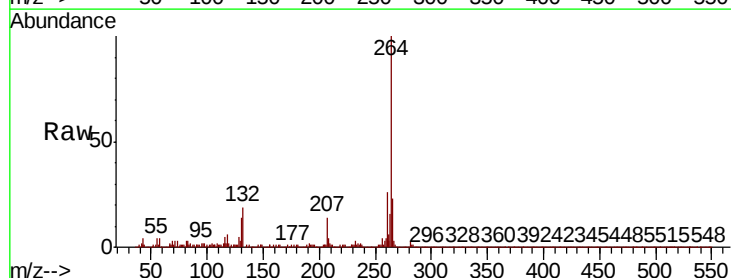
Tgt Ion:264 Resp: 418116

Ion Ratio Lower Upper

264 100

260 25.6 19.3 28.9

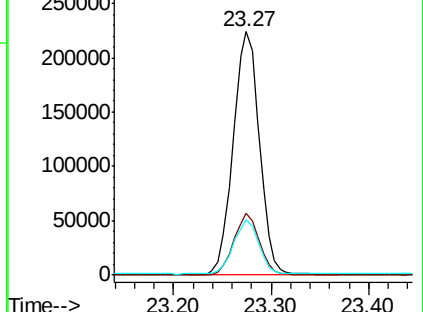
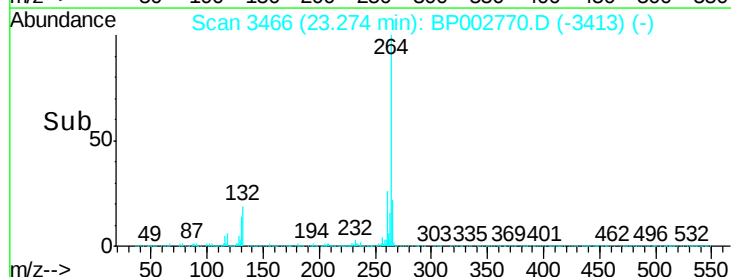
265 22.6 16.8 25.2

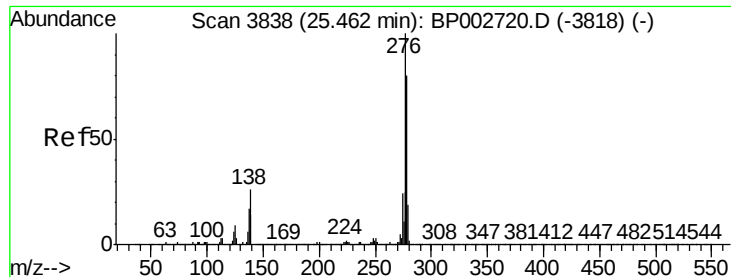


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

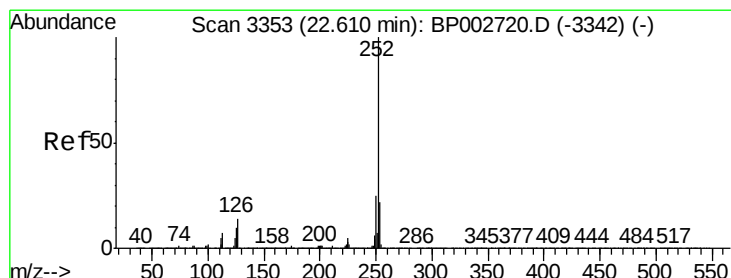
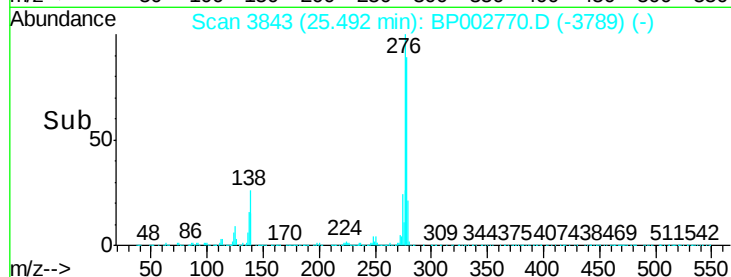
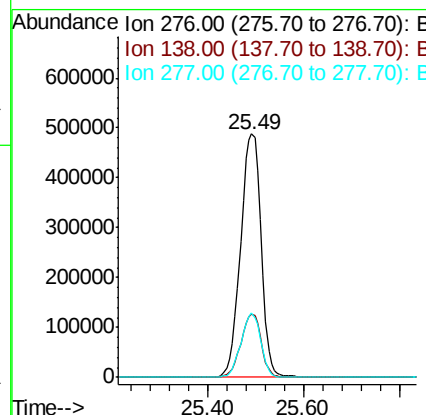
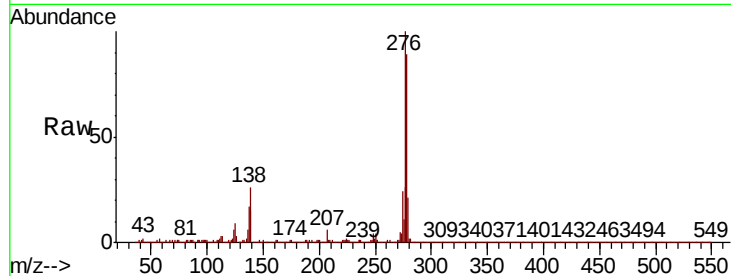




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.207 ng
 RT: 25.49 min Scan# 3843
 Delta R.T. 0.02 min
 Lab File: BP002770.D
 Acq: 16 Jul 2020 13:53

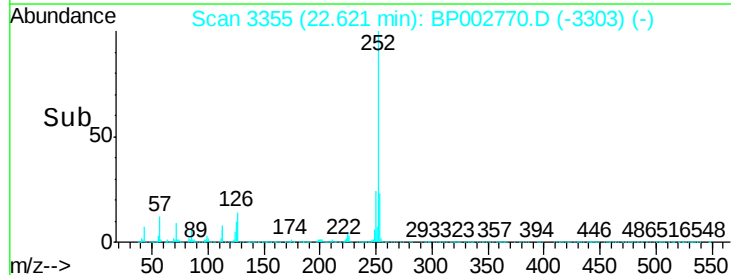
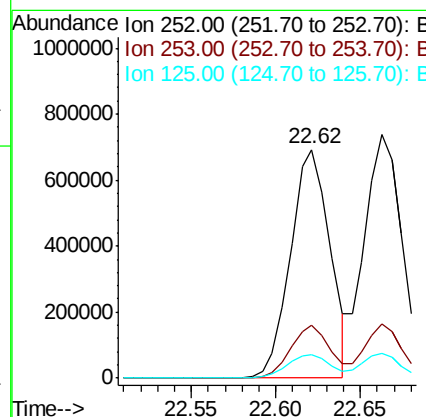
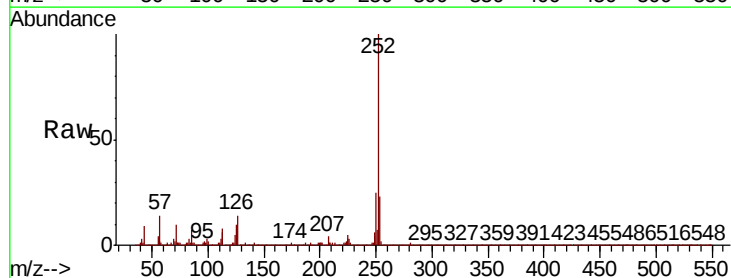
Instrument :
 BNA_P
 ClientSampleId :

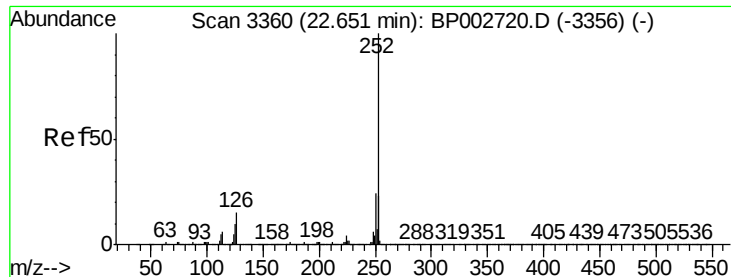
Tot Ion:276 Resp: 1456821
 Ion Ratio Lower Upper
 276 100
 138 25.7 20.8 31.2
 277 25.2 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 43.257 ng
 RT: 22.62 min Scan# 3355
 Delta R.T. 0.01 min
 Lab File: BP002770.D
 Acq: 16 Jul 2020 13:53

Tgt Ion:252 Resp: 1123060
 Ion Ratio Lower Upper
 252 100
 253 23.0 17.7 26.5
 125 10.4 8.2 12.2

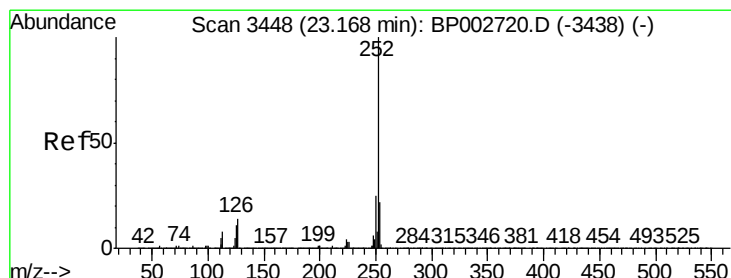
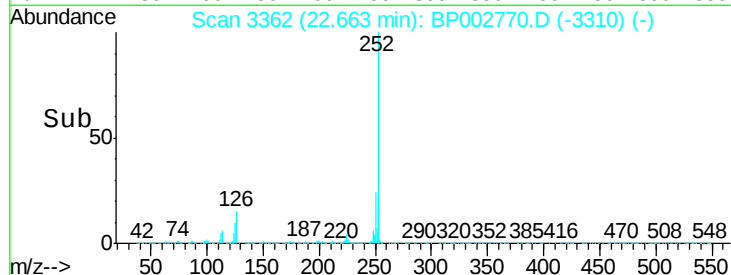
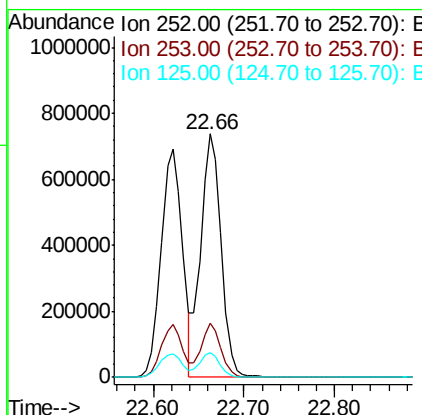
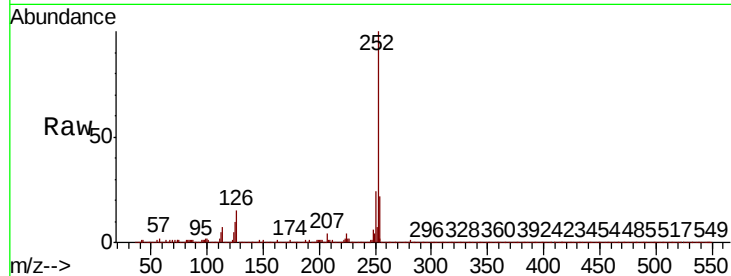




#89
Benzo(k)fluoranthene
Concen: 45.449 ng
RT: 22.66 min Scan# 3362
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

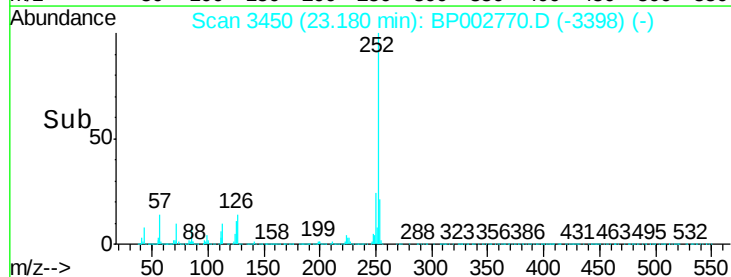
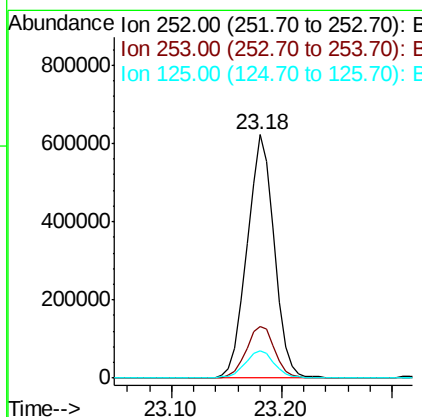
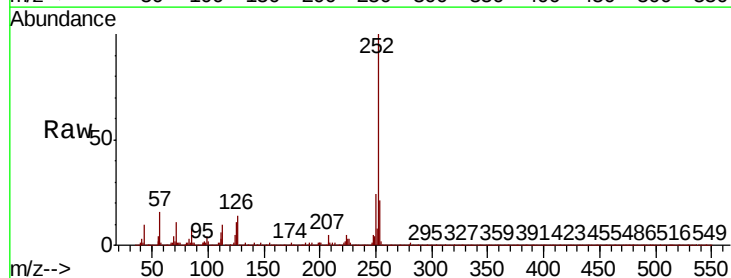
Instrument :
BNA_P
ClientSampleId :

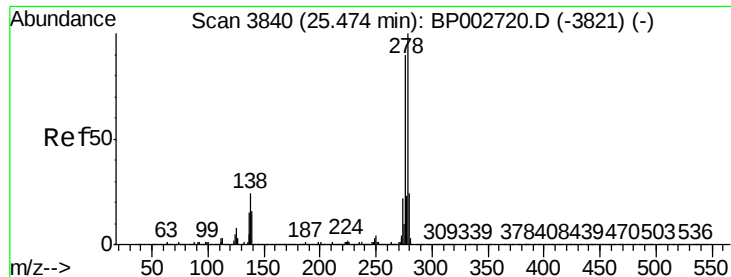
Tot Ion:252 Resp: 1162274
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 10.0 8.3 12.5



#90
Benzo(a)pyrene
Concen: 43.579 ng
RT: 23.18 min Scan# 3450
Delta R.T. 0.01 min
Lab File: BP002770.D
Acq: 16 Jul 2020 13:53

Tgt Ion:252 Resp: 1072169
Ion Ratio Lower Upper
252 100
253 21.4 17.6 26.4
125 11.4 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 49.624 ng

RT: 25.50 min Scan# 3844

Delta R.T. 0.02 min

Lab File: BP002770.D

Acq: 16 Jul 2020 13:53

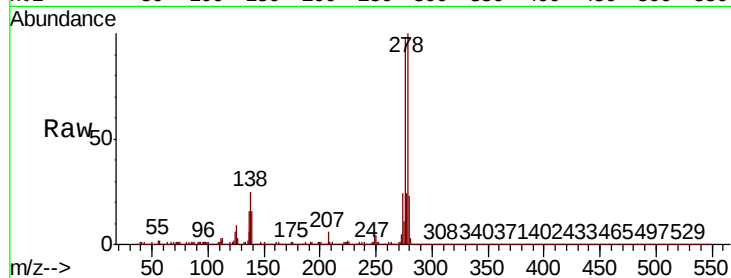
Instrument :

BNA_P

ClientSampleId :

Tot Ion:278 Resp: 1209409

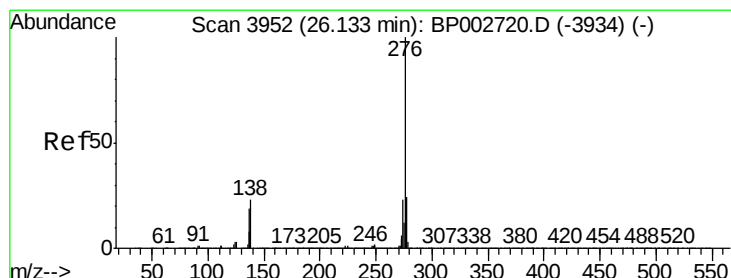
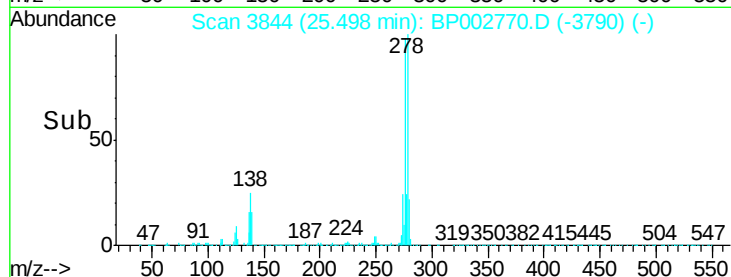
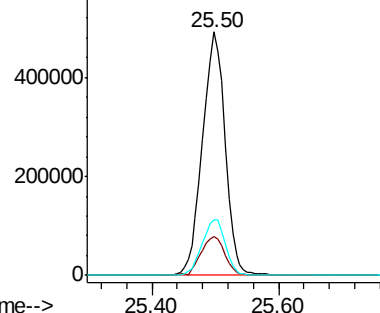
Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.1	19.7
279	22.6	19.0	28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.980 ng

RT: 26.16 min Scan# 3957

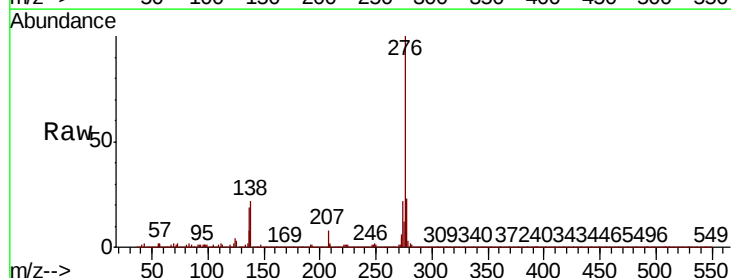
Delta R.T. 0.02 min

Lab File: BP002770.D

Acq: 16 Jul 2020 13:53

Tgt Ion:276 Resp: 1235007

Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.1	28.7
138	22.2	18.3	27.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

