

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
 Data File : BP002769.D
 Acq On : 16 Jul 2020 13:04
 Operator : CG/JU
 Sample : PB130217BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB130217BS

Quant Time: Jul 16 14:33:04 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	165763	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	615033	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	315119	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	598259	20.00	ng	0.00
76) Chrysene-d12	21.08	240	467859	20.00	ng	0.00
86) Perylene-d12	23.27	264	471005	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	1113413	113.33	ng	0.00
7) Phenol-d6	6.77	99	1387737	98.97	ng	0.01
23) Nitrobenzene-d5	8.71	82	926392	80.56	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	351879	106.98	ng	0.01
45) 2-Fluorobiphenyl	12.83	172	1659813	81.48	ng	0.00
79) Terphenyl-d14	19.56	244	1902661	93.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	172765	40.334	ng	98
3) Pyridine	3.51	79	458981	35.956	ng	100
4) n-Nitrosodimethylamine	3.43	42	220196	45.790	ng	96
6) Aniline	6.89	93	582762	32.830	ng	98
8) 2-Chlorophenol	7.13	128	461110	42.183	ng	97
9) Benzaldehyde	6.70	77	175000	22.972	ng	98
10) Phenol	6.79	94	577109	40.179	ng	99
11) bis(2-Chloroethyl)ether	6.99	93	484809	40.580	ng	98
12) 1,3-Dichlorobenzene	7.45	146	512506	40.888	ng	96
13) 1,4-Dichlorobenzene	7.59	146	508687	40.439	ng	98
14) 1,2-Dichlorobenzene	7.91	146	475484	39.197	ng	98
15) Benzyl Alcohol	7.80	79	386114	41.150	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.10	45	670320	39.013	ng	100
17) 2-Methylphenol	8.02	107	379856	37.121	ng	98
18) Hexachloroethane	8.63	117	196541	44.112	ng	99
19) n-Nitroso-di-n-propylamine	8.37	70	324953	38.056	ng	99
20) 3+4-Methylphenols	8.35	107	485132	35.854	ng	96
22) Acetophenone	8.38	105	612865	40.421	ng	# 97
24) Nitrobenzene	8.75	77	530577	42.603	ng	100
25) Isophorone	9.28	82	934778	39.885	ng	99
26) 2-Nitrophenol	9.46	139	242277	45.041	ng	98
27) 2,4-Dimethylphenol	9.54	122	371615	42.553	ng	100
28) bis(2-Chloroethoxy)methane	9.76	93	598367	42.033	ng	99
29) 2,4-Dichlorophenol	10.00	162	400061	41.552	ng	98
30) 1,2,4-Trichlorobenzene	10.20	180	454265	41.192	ng	99
31) Naphthalene	10.38	128	1290688	39.749	ng	100
32) Benzoic acid	9.72	122	199072	32.192	ng	97
33) 4-Chloroaniline	10.50	127	312015	22.425	ng	98
34) Hexachlorobutadiene	10.68	225	263389	41.322	ng	100
35) Caprolactam	11.27	113	121522	36.099	ng	97
36) 4-Chloro-3-methylphenol	11.66	107	408432	39.355	ng	99
37) 2-Methylnaphthalene	12.01	142	887733	38.743	ng	99
38) 1-Methylnaphthalene	12.23	142	832532	38.414	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	436533	45.076	ng	99

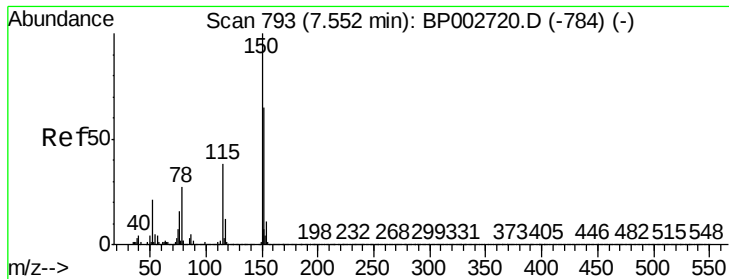
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.37	237	381083	88.015	ng	97
43) 2,4,6-Trichlorophenol	12.64	196	285278	46.021	ng	100
44) 2,4,5-Trichlorophenol	12.72	196	301492	41.934	ng	96
46) 1,1'-Biphenyl	13.04	154	1042244	44.365	ng	100
47) 2-Chloronaphthalene	13.08	162	814406	42.681	ng	98
48) 2-Nitroaniline	13.29	65	265834	45.070	ng	93
49) Acenaphthylene	13.93	152	1257491	41.804	ng	99
50) Dimethylphthalate	13.68	163	953429	39.673	ng	99
51) 2,6-Dinitrotoluene	13.80	165	213141	41.427	ng	97
52) Acenaphthene	14.28	154	731124	40.669	ng	99
53) 3-Nitroaniline	14.13	138	157297	27.326	ng	100
54) 2,4-Dinitrophenol	14.36	184	192934	69.041	ng	98
55) Dibenzofuran	14.62	168	1140881	39.570	ng	96
56) 4-Nitrophenol	14.47	139	303281	66.634	ng	97
57) 2,4-Dinitrotoluene	14.60	165	270606	39.937	ng	93
58) Fluorene	15.27	166	843640	39.544	ng	97
59) 2,3,4,6-Tetrachlorophenol	14.86	232	228509	40.320	ng	100
60) Diethylphthalate	15.06	149	899517	38.605	ng	98
61) 4-Chlorophenyl-phenylether	15.27	204	434851	38.361	ng	98
62) 4-Nitroaniline	15.30	138	196993	32.498	ng	94
63) Azobenzene	15.56	77	983176	41.038	ng	98
65) 4,6-Dinitro-2-methylphenol	15.37	198	141326	40.452	ng	98
66) n-Nitrosodiphenylamine	15.49	169	767598	43.434	ng	99
67) 4-Bromophenyl-phenylether	16.17	248	271297	41.630	ng	97
68) Hexachlorobenzene	16.29	284	293932	42.809	ng	97
69) Atrazine	16.45	200	231620	48.007	ng	98
70) Pentachlorophenol	16.64	266	256242	77.425	ng	98
71) Phenanthrene	17.02	178	1300663	40.154	ng	99
72) Anthracene	17.11	178	1321281	41.568	ng	100
73) Carbazole	17.39	167	1196478	38.358	ng	99
74) Di-n-butylphthalate	17.96	149	1463061	43.249	ng	100
75) Fluoranthene	19.00	202	1499118	39.941	ng	98
77) Benzidine	19.19	184	525724	45.334	ng	99
78) Pyrene	19.36	202	1499252	46.413	ng	100
80) Butylbenzylphthalate	20.25	149	629608	49.392	ng	99
81) Benzo(a)anthracene	21.07	228	1257752	41.529	ng	99
82) 3,3'-Dichlorobenzidine	21.00	252	435868	43.456	ng	98
83) Chrysene	21.12	228	1204881	41.794	ng	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	831088	46.877	ng	100
85) Di-n-octyl phthalate	21.87	149	1449432	45.473	ng	99
87) Indeno(1,2,3-cd)pyrene	25.49	276	1673730	49.166	ng	99
88) Benzo(b)fluoranthene	22.62	252	1332788	45.570	ng	100
89) Benzo(k)fluoranthene	22.66	252	1208347	41.945	ng	99
90) Benzo(a)pyrene	23.18	252	1208988	43.622	ng	98
91) Dibenzo(a,h)anthracene	25.50	278	1386393	50.498	ng	99
92) Benzo(g,h,i)perylene	26.16	276	1407343	50.559	ng	100

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

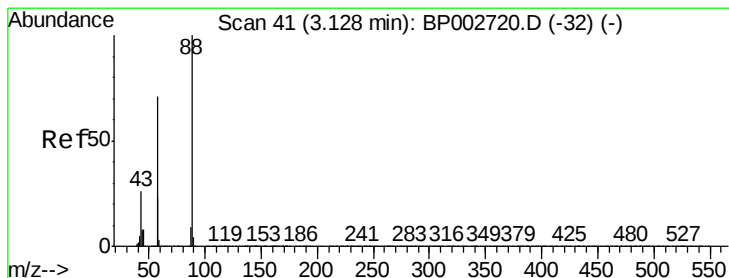
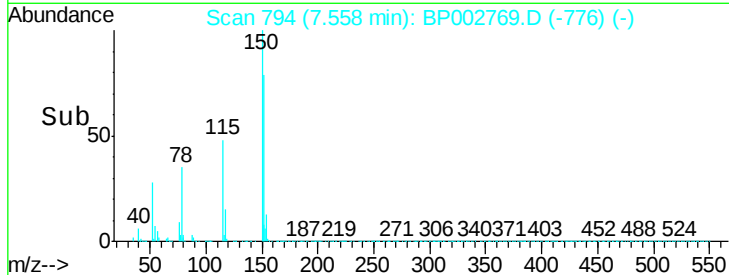
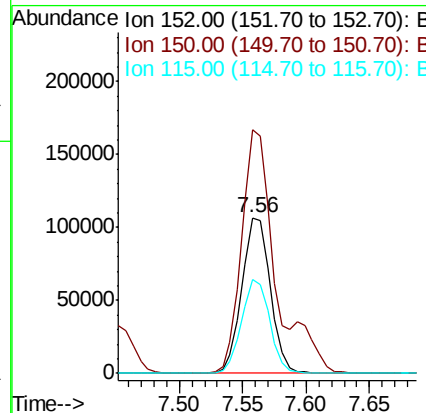
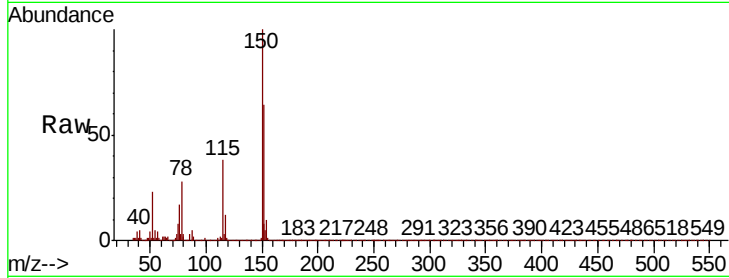


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 794
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

Instrument :
BNA_P
ClientSampleId :
PB130217BS

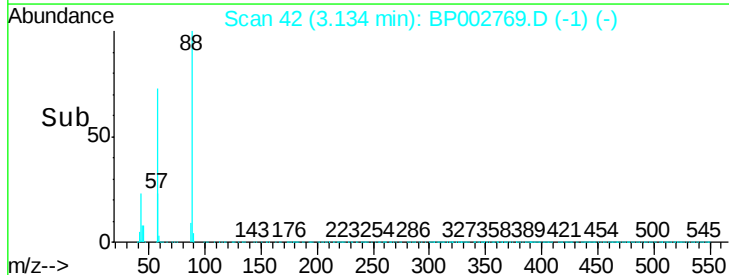
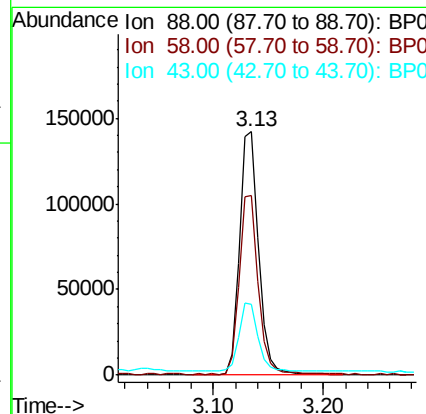
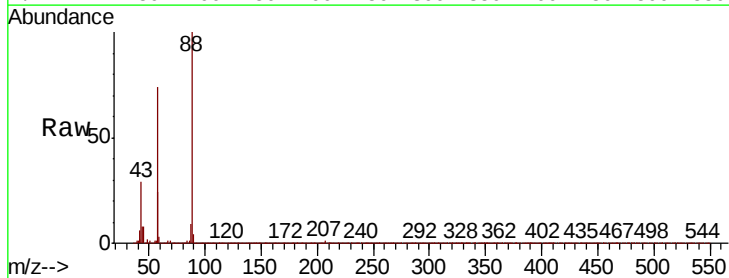
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	123.7	185.5
115	60.1	47.2	70.8

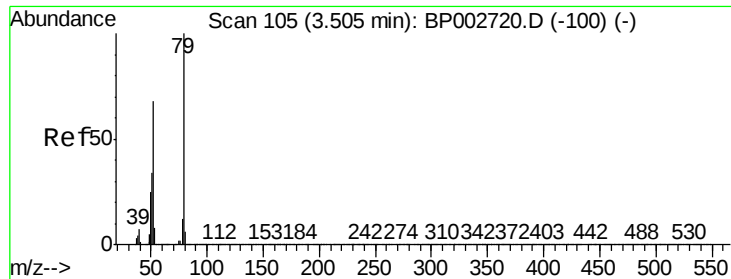


#2

1,4-Dioxane
Concen: 40.334 ng
RT: 3.13 min Scan# 42
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.9	58.2	87.4
43	28.1	21.5	32.3





#3

Pvridine

Concen: 35.956 ng

RT: 3.51 min Scan# 106

Delta R.T. 0.01 min

Lab File: BP002769.D

Acq: 16 Jul 2020 13:04

Instrument :

BNA_P

ClientSampleId :

PB130217BS

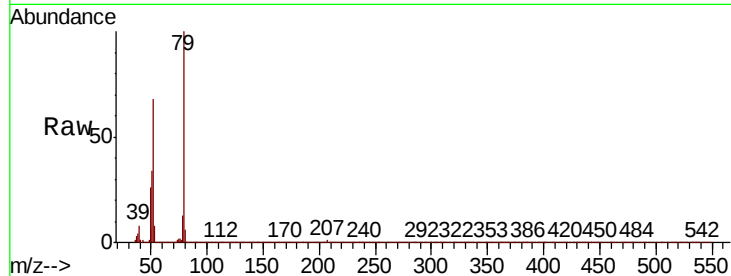
Tot Ion: 79 Resp: 458981

Ion Ratio Lower Upper

79 100

52 67.6 54.2 81.2

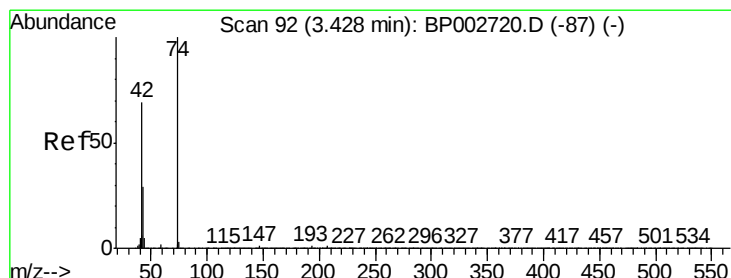
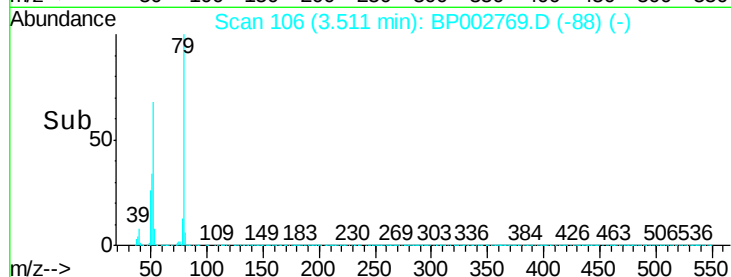
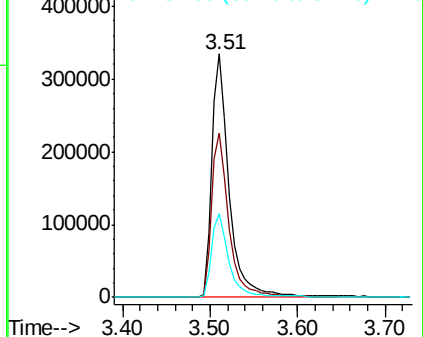
51 34.4 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 45.790 ng

RT: 3.43 min Scan# 92

Delta R.T. 0.00 min

Lab File: BP002769.D

Acq: 16 Jul 2020 13:04

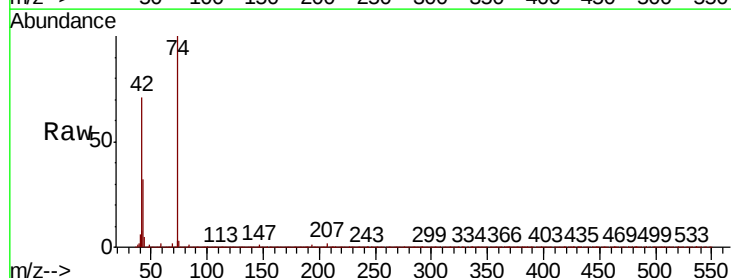
Tgt Ion: 42 Resp: 220196

Ion Ratio Lower Upper

42 100

74 140.0 116.3 174.5

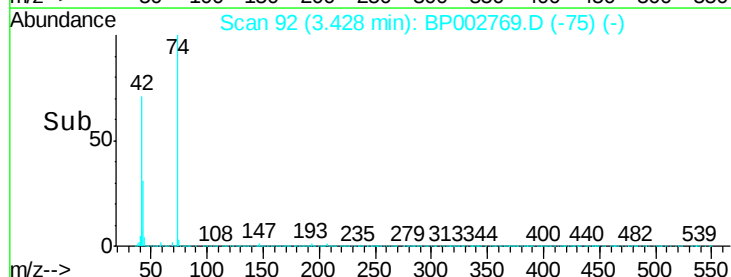
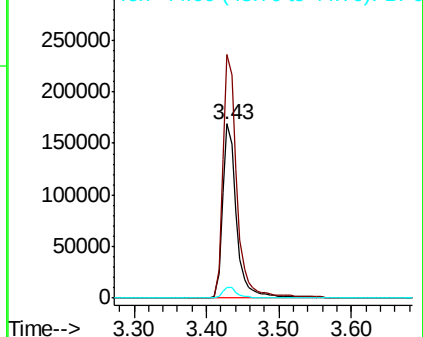
44 6.3 5.9 8.9

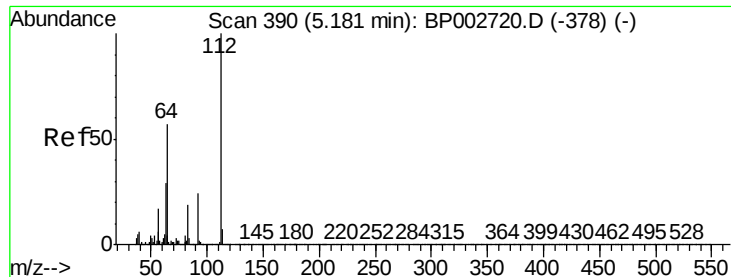


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 113.327 ng

RT: 5.19 min Scan# 391

Delta R.T. 0.01 min

Lab File: BP002769.D

Acq: 16 Jul 2020 13:04

Instrument :

BNA_P

ClientSampleId :

PB130217BS

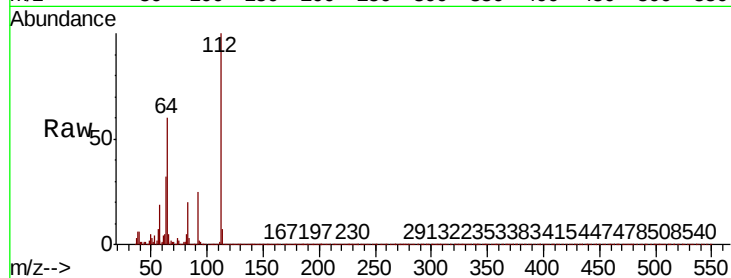
Tot Ion: 112 Resp: 1113413

Ion Ratio Lower Upper

112 100

64 60.1 45.6 68.4

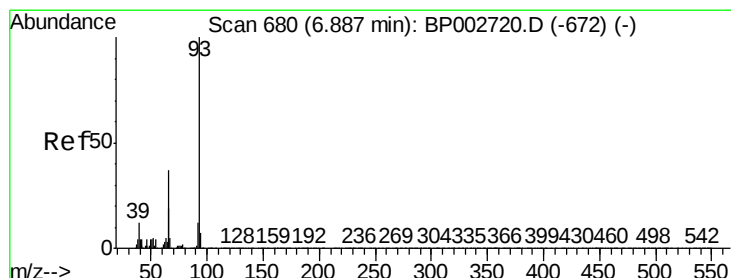
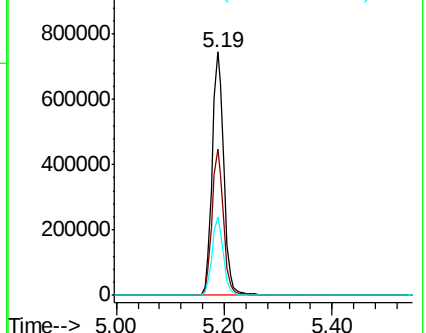
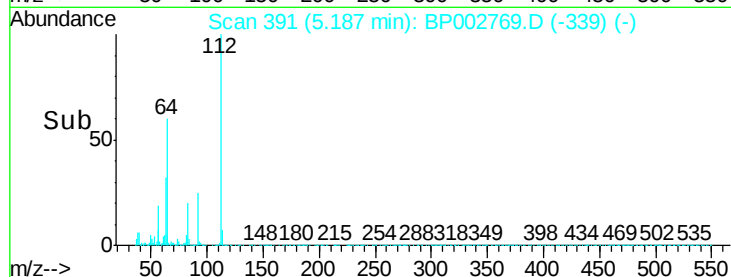
63 32.3 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BPO

Ion 63.00 (62.70 to 63.70): BPO



#6

Aniline

Concen: 32.830 ng

RT: 6.89 min Scan# 681

Delta R.T. 0.01 min

Lab File: BP002769.D

Acq: 16 Jul 2020 13:04

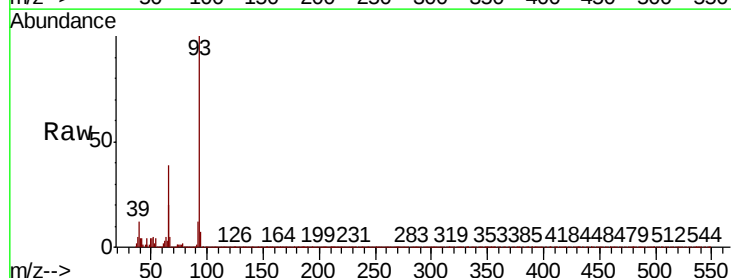
Tgt Ion: 93 Resp: 582762

Ion Ratio Lower Upper

93 100

66 38.6 30.1 45.1

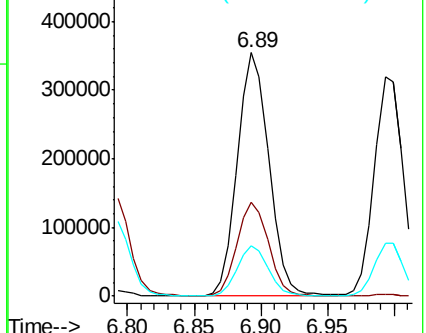
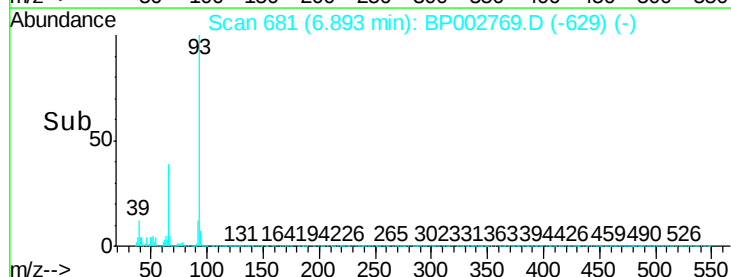
65 20.5 15.4 23.2

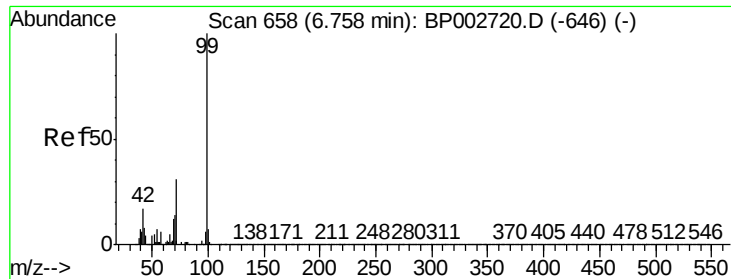


Abundance Ion 93.00 (92.70 to 93.70): BPO

Ion 66.00 (65.70 to 66.70): BPO

Ion 65.00 (64.70 to 65.70): BPO





#7

Phenol-d6

Concen: 98.971 ng

RT: 6.77 min Scan# 660

Delta R.T. 0.01 min

Lab File: BP002769.D

Acq: 16 Jul 2020 13:04

Instrument :

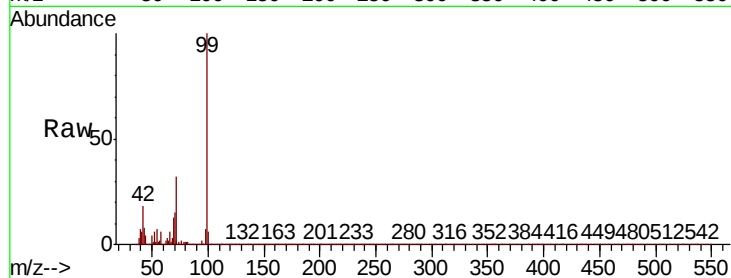
BNA_P

ClientSampled :

PB130217BS

Tot Ion: 99 Resp: 1387737

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

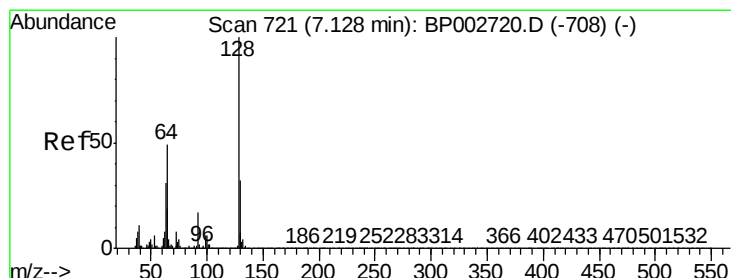
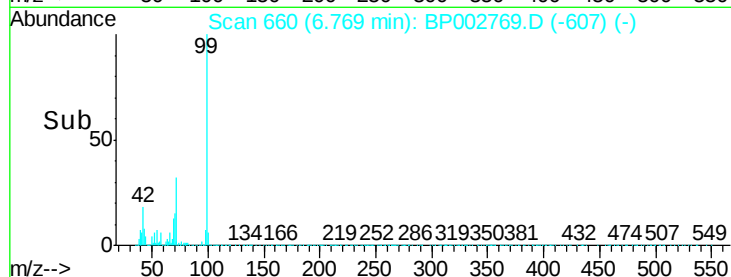
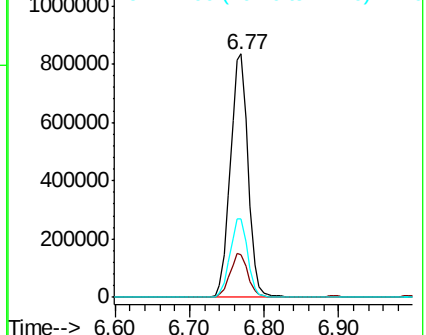


Abundance

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: 42.183 ng

RT: 7.13 min Scan# 722

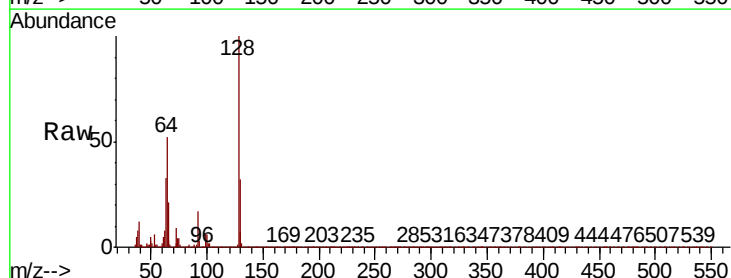
Delta R.T. 0.01 min

Lab File: BP002769.D

Acq: 16 Jul 2020 13:04

Tgt Ion: 128 Resp: 461110

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.2	52.2
64	52.1	28.8	68.8

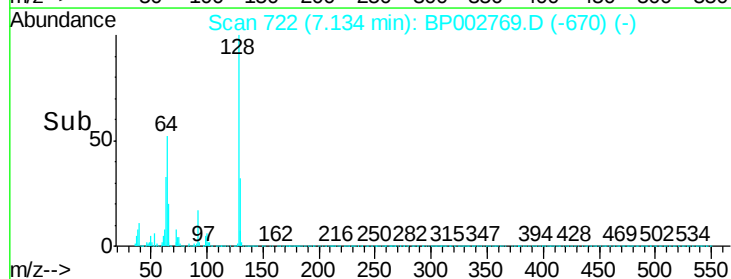
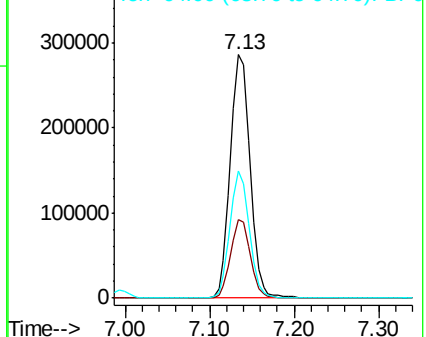


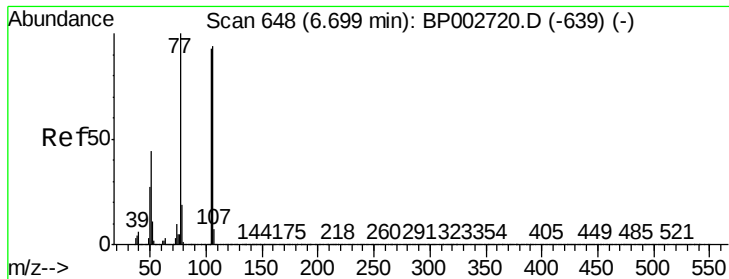
Abundance

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: 22.972 ng

RT: 6.70 min Scan# 649

Delta R.T. 0.00 min

Lab File: BP002769.D

Acq: 16 Jul 2020 13:04

Instrument :

BNA_P

ClientSampleId :

PB130217BS

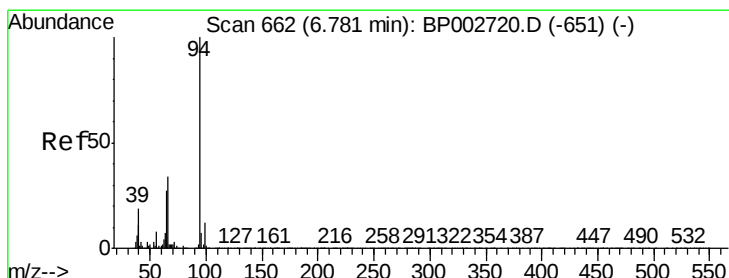
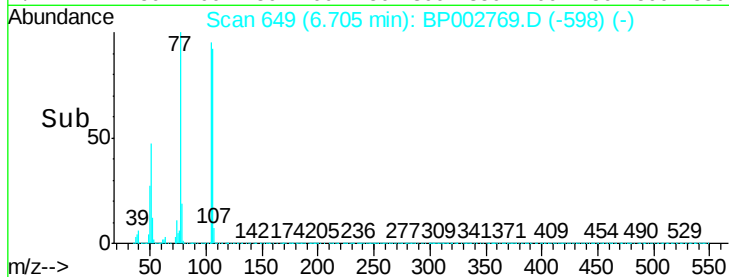
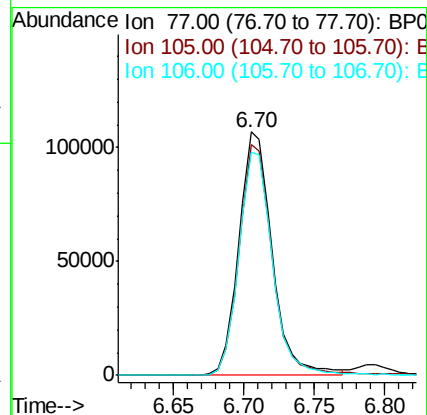
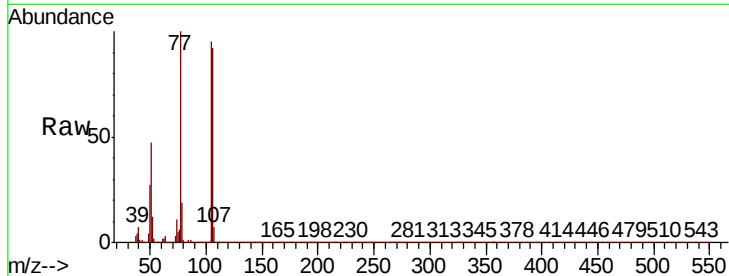
Tot Ion: 77 Resp: 175000

Ion Ratio Lower Upper

77 100

105 94.8 73.2 113.2

106 91.6 73.6 113.6



#10

Phenol

Concen: 40.179 ng

RT: 6.79 min Scan# 664

Delta R.T. 0.01 min

Lab File: BP002769.D

Acq: 16 Jul 2020 13:04

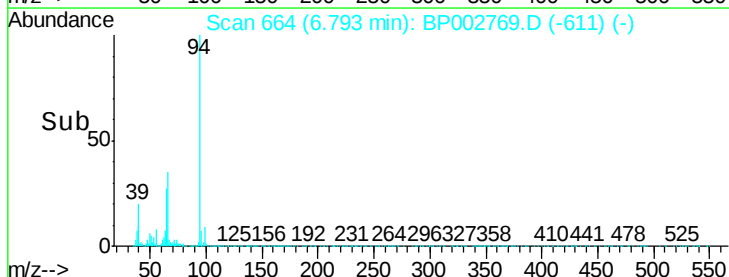
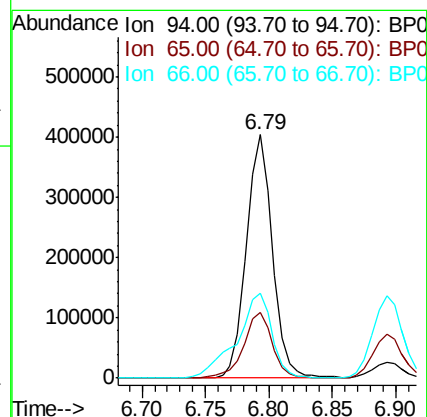
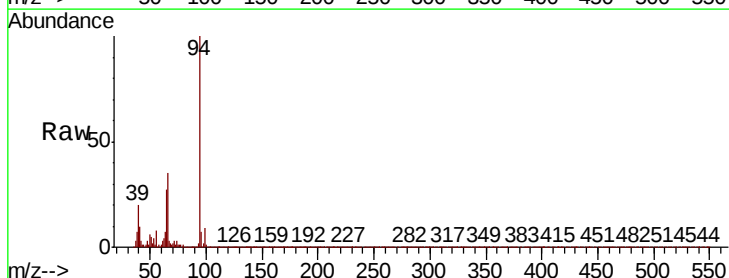
Tgt Ion: 94 Resp: 577109

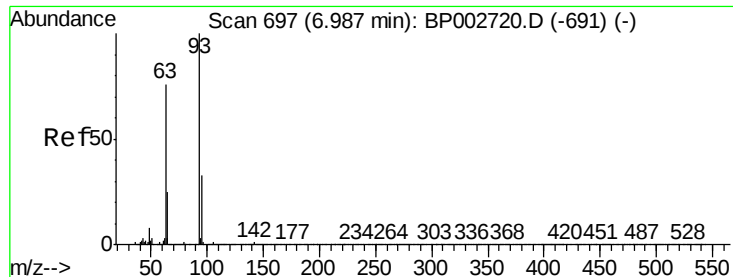
Ion Ratio Lower Upper

94 100

65 27.0 7.0 47.0

66 35.1 13.7 53.7

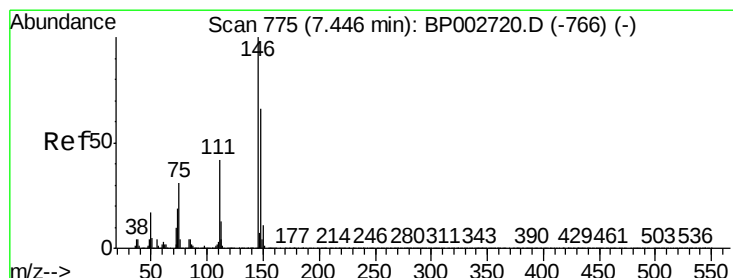
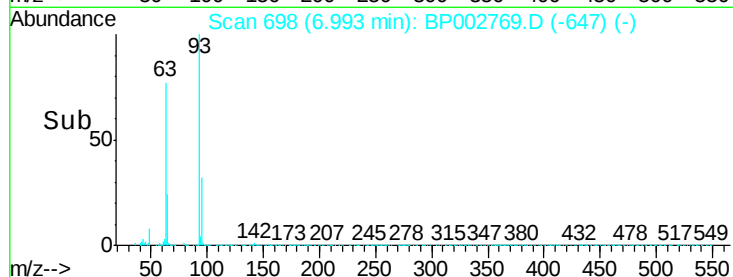
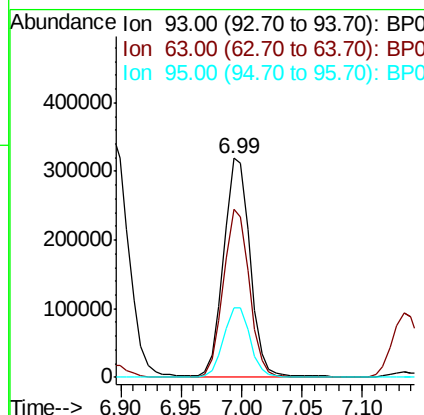
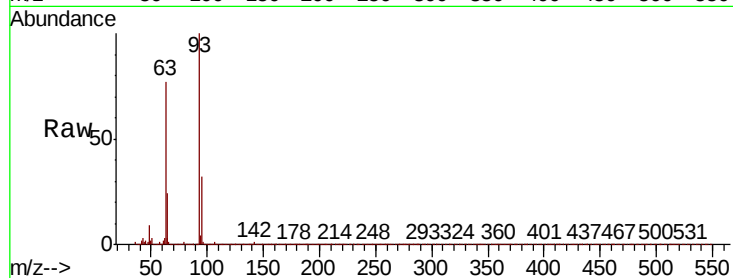




#11
bis(2-Chloroethyl)ether
Concen: 40.580 ng
RT: 6.99 min Scan# 698
Delta R.T. 0.00 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

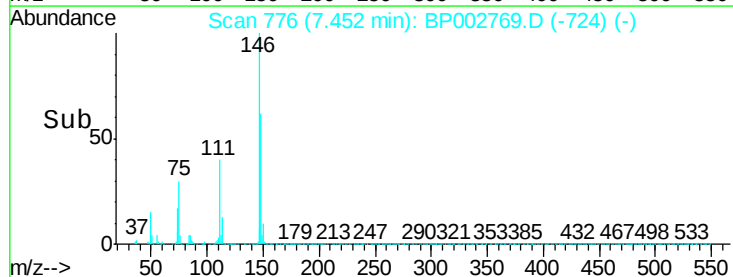
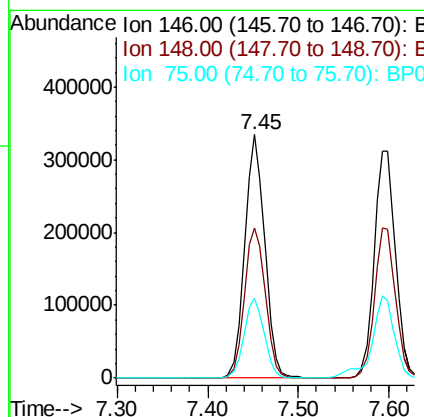
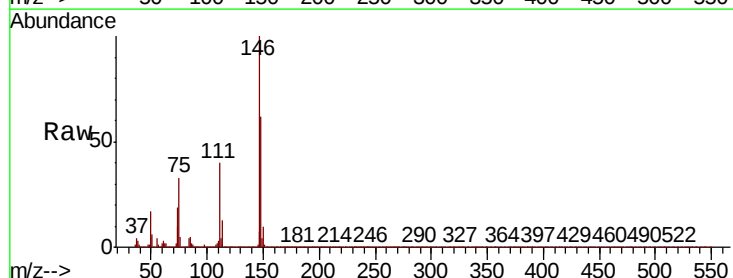
Instrument :
BNA_P
ClientSampleId :
PB130217BS

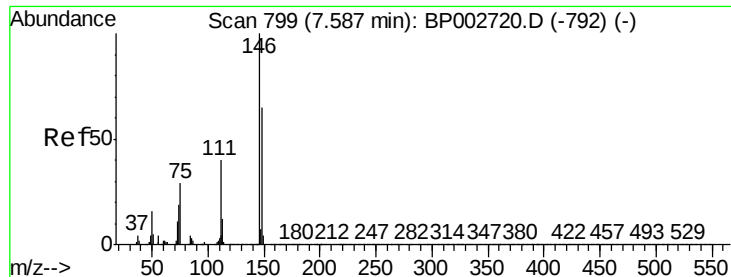
Tot Ion	Ratio	Lower	Upper
93	100		
63	77.1	55.1	95.1
95	31.8	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 40.888 ng
RT: 7.45 min Scan# 776
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	52.6	78.8
75	32.6	25.2	37.8

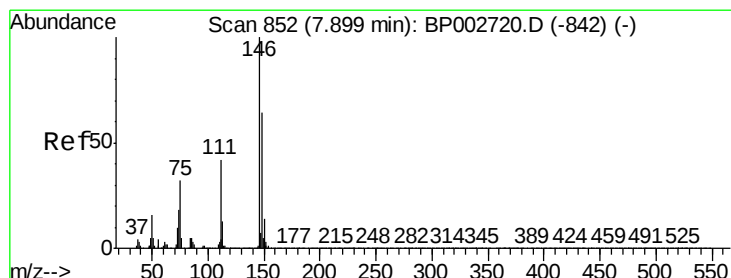
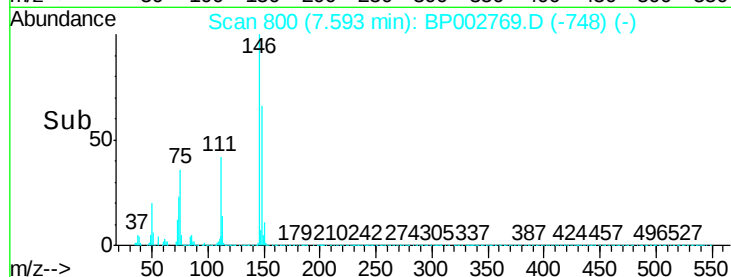
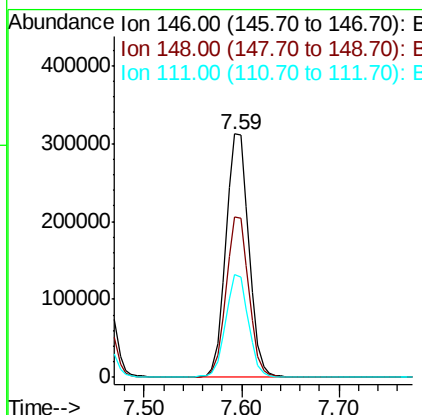
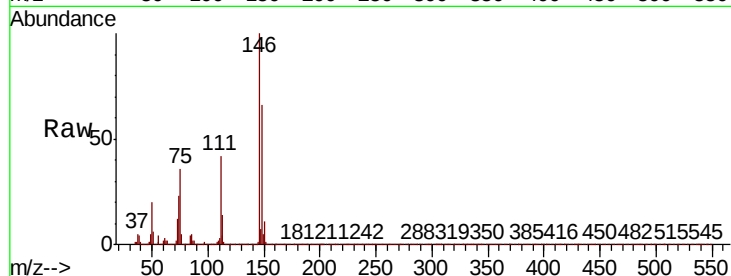




#13
1,4-Dichlorobenzene
Concen: 40.439 ng
RT: 7.59 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

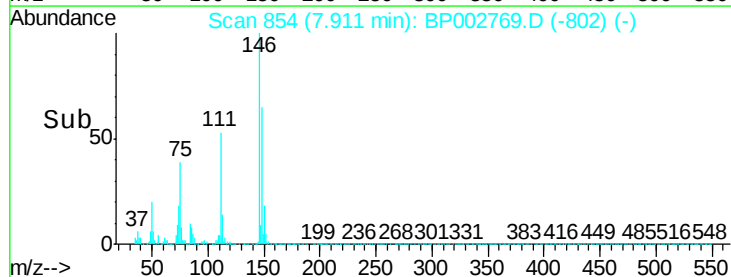
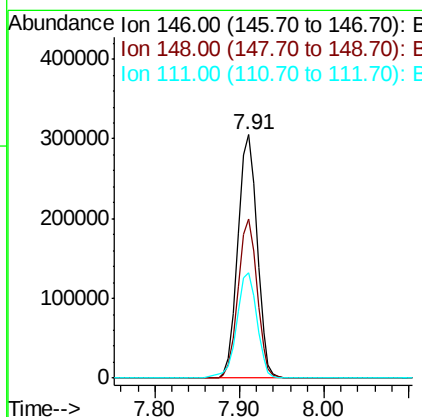
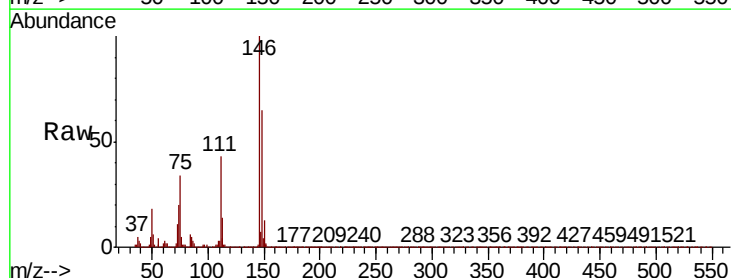
Instrument :
BNA_P
ClientSampleId :
PB130217BS

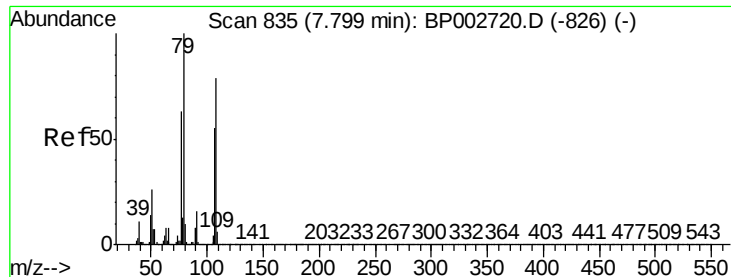
Tot Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.1	78.1
111	42.4	32.2	48.2



#14
1,2-Dichlorobenzene
Concen: 39.197 ng
RT: 7.91 min Scan# 854
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.0	76.6
111	43.4	33.9	50.9





#15

Benzyl Alcohol

Concen: 41.150 ng

RT: 7.80 min Scan# 836

Delta R.T. 0.01 min

Lab File: BP002769.D

Acq: 16 Jul 2020 13:04

Instrument :

BNA_P

ClientSampleId :

PB130217BS

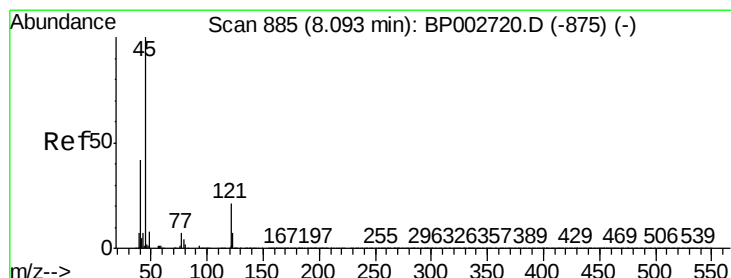
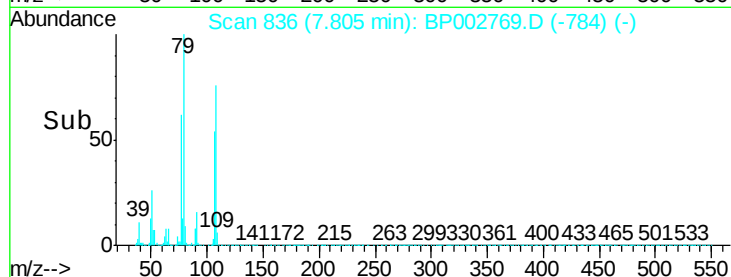
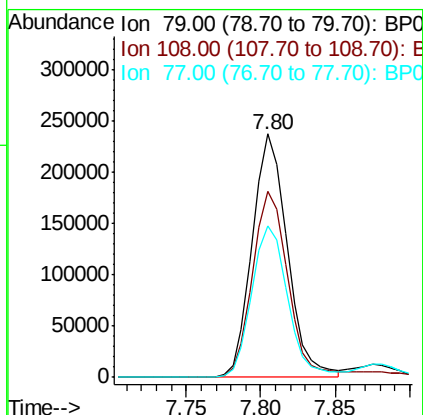
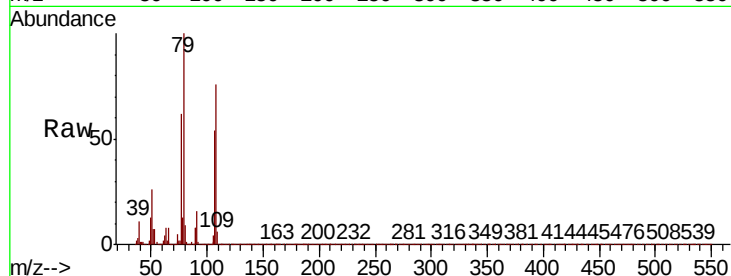
Tot Ion: 79 Resp: 386114

Ion Ratio Lower Upper

79 100

108 76.2 63.1 94.7

77 62.3 50.8 76.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.013 ng

RT: 8.10 min Scan# 886

Delta R.T. 0.01 min

Lab File: BP002769.D

Acq: 16 Jul 2020 13:04

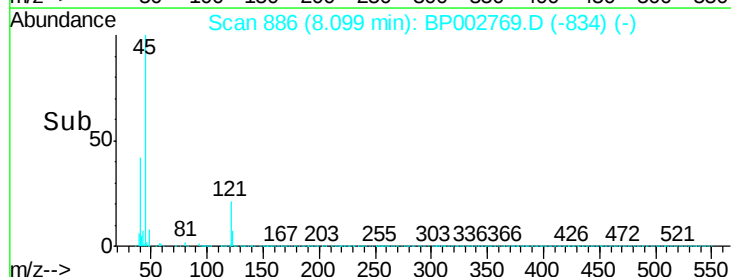
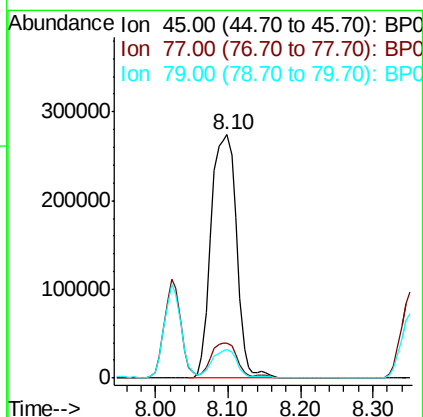
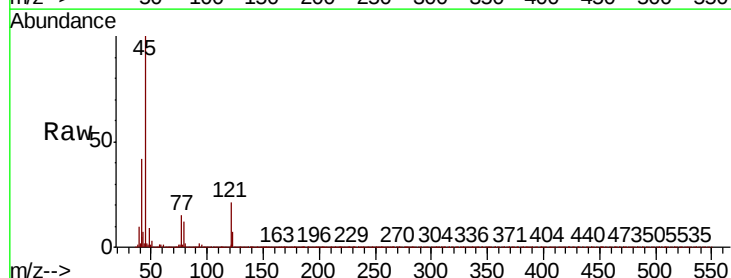
Tgt Ion: 45 Resp: 670320

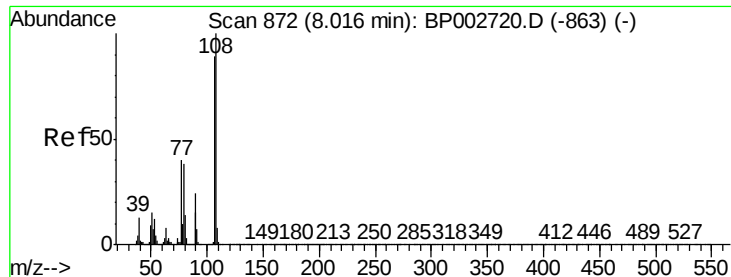
Ion Ratio Lower Upper

45 100

77 14.6 0.0 34.8

79 11.6 0.0 31.6

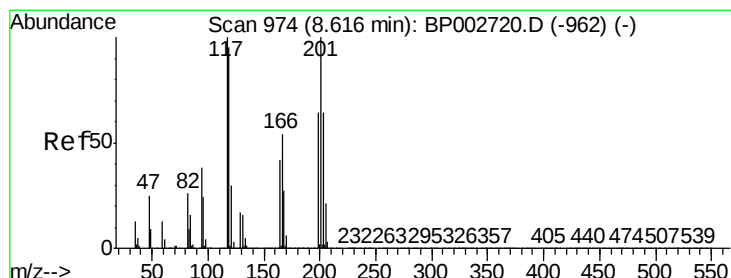
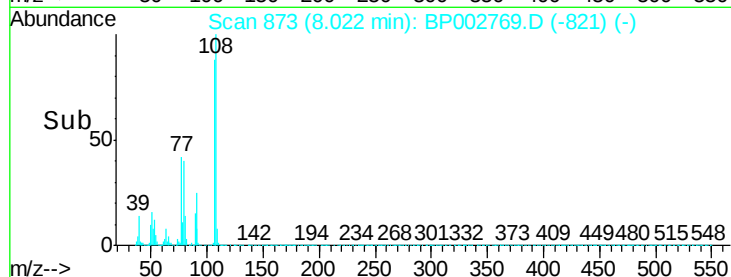
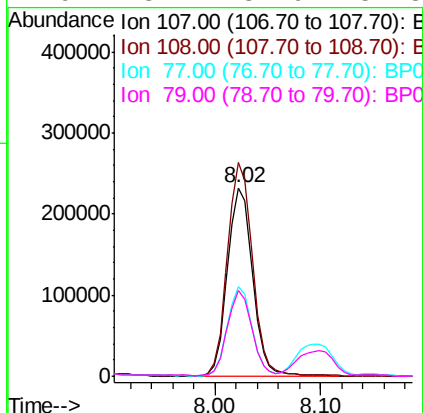
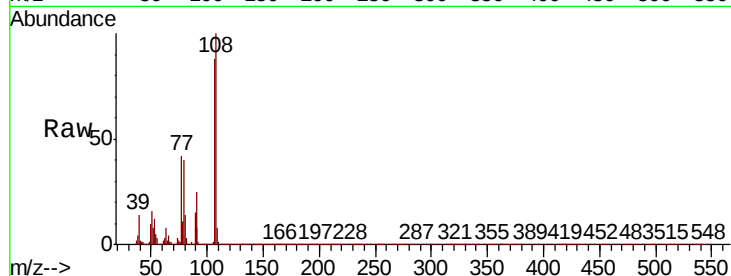




#17
2-Methylphenol
Concen: 37.121 ng
RT: 8.02 min Scan# 873
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

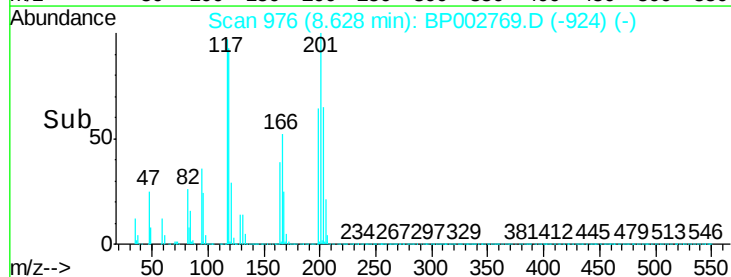
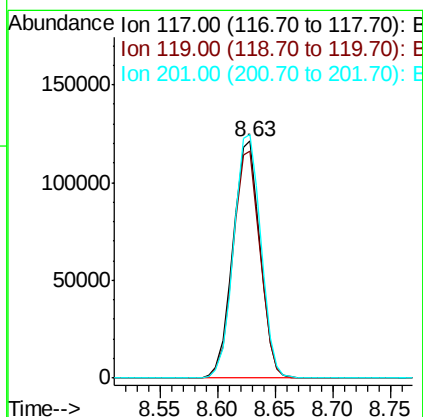
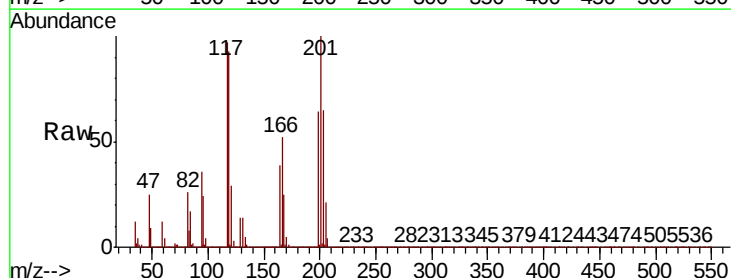
Instrument :
BNA_P
ClientSampleId :
PB130217BS

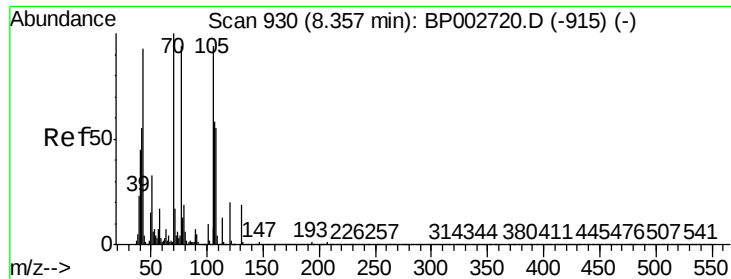
Tot Ion:	107	Resp:	379856
Ion	Ratio	Lower	Upper
107	100		
108	113.5	89.9	134.9
77	47.8	36.6	54.8
79	45.4	34.9	52.3



#18
Hexachloroethane
Concen: 44.112 ng
RT: 8.63 min Scan# 976
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

Tgt Ion:	117	Resp:	196541
Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.6	115.0
201	102.7	80.3	120.5

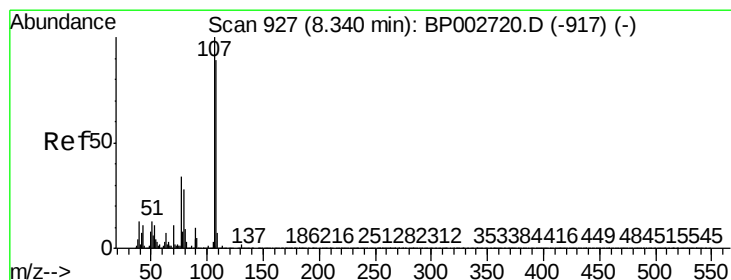
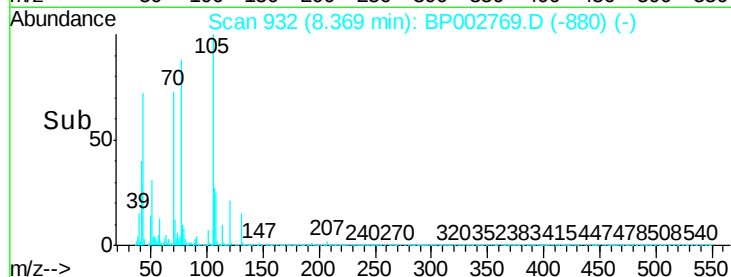
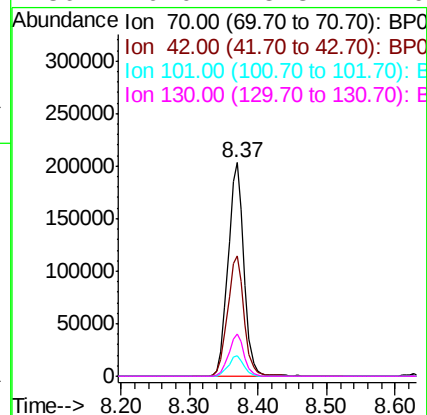
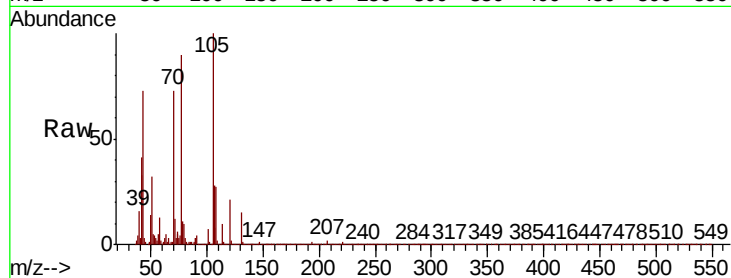




#19
n-Nitroso-di-n-propylamine
Concen: 38.056 ng
RT: 8.37 min Scan# 932
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

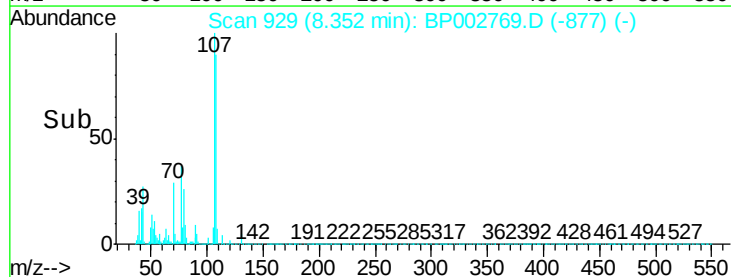
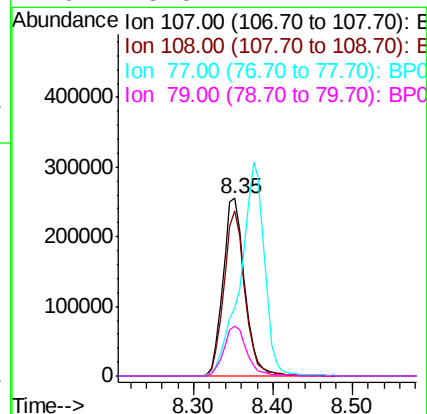
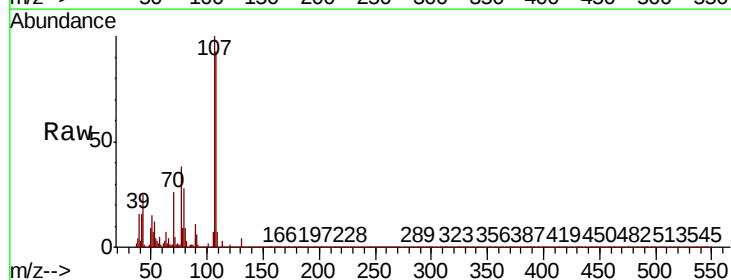
Instrument :
BNA_P
ClientSampleId :
PB130217BS

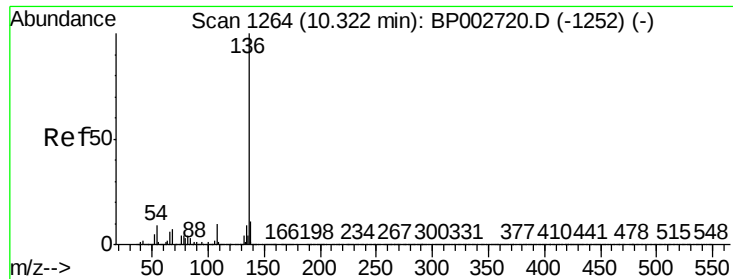
Tot Ion:	70	Resp:	324953
Ion	Ratio	Lower	Upper
70	100		
42	56.1	44.2	66.4
101	9.6	7.7	11.5
130	20.0	15.3	22.9



#20
3+4-Methylphenols
Concen: 35.854 ng
RT: 8.35 min Scan# 929
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

Tgt Ion:	107	Resp:	485132
Ion	Ratio	Lower	Upper
107	100		
108	92.7	69.5	109.5
77	38.2	14.3	54.3
79	28.3	7.7	47.7

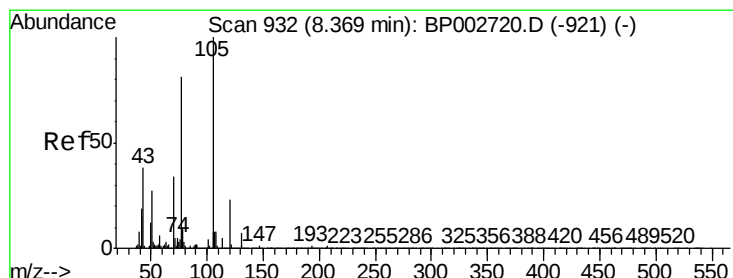
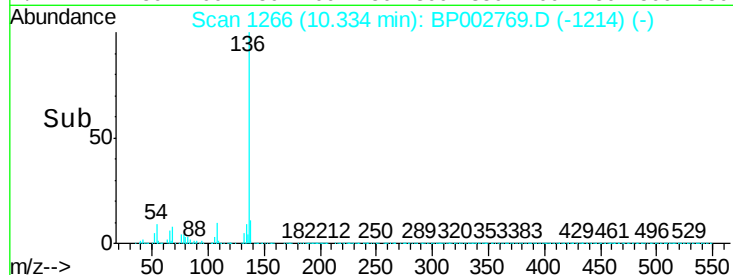
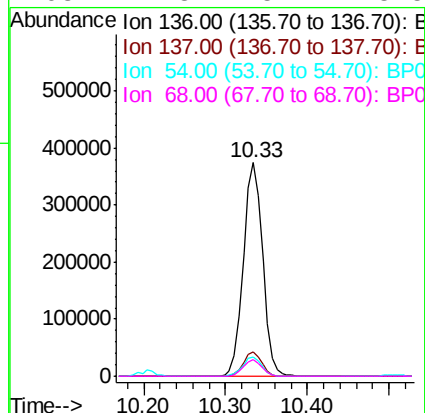
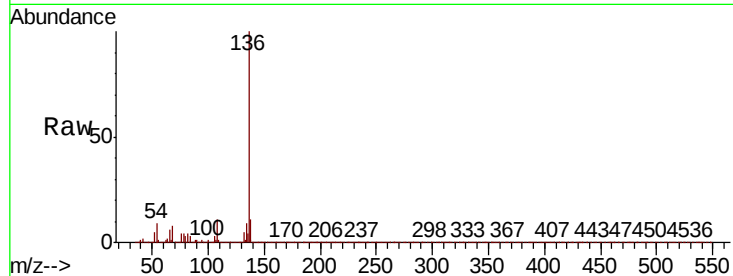




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.33 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

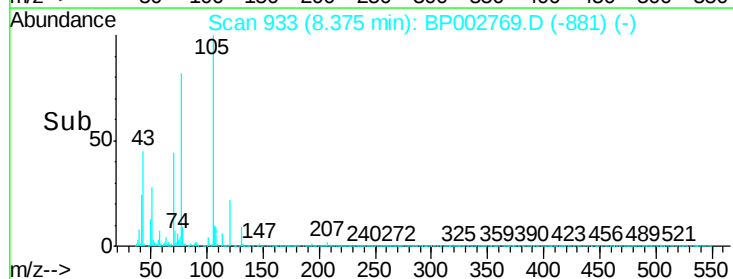
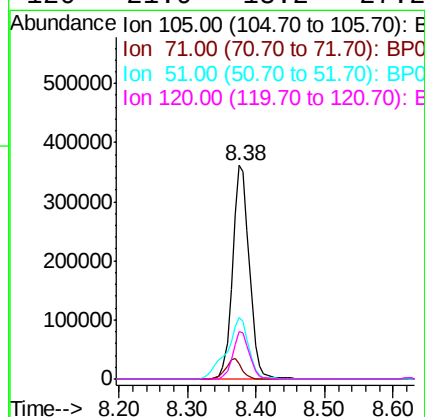
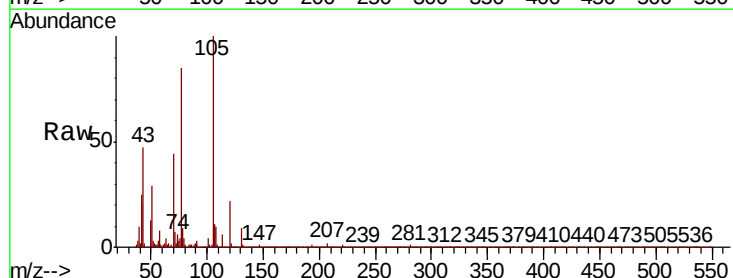
Instrument :
BNA_P
ClientSampleId :
PB130217BS

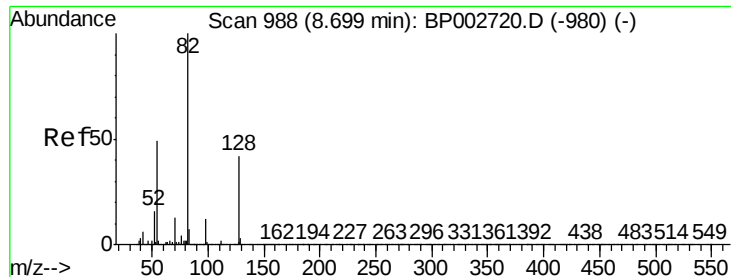
Tot Ion:136	Resp:	615033
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.6 13.0
54	9.0	6.9 10.3
68	7.8	5.7 8.5



#22
Acetophenone
Concen: 40.421 ng
RT: 8.38 min Scan# 933
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

Tgt Ion:105	Resp:	612865
Ion Ratio	Lower	Upper
105	100	
71	7.3	4.4 6.6#
51	29.0	21.8 32.8
120	21.9	18.2 27.2

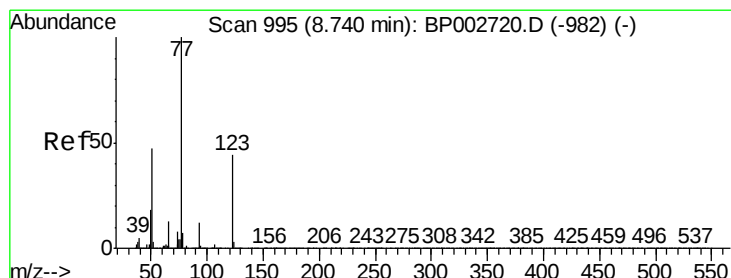
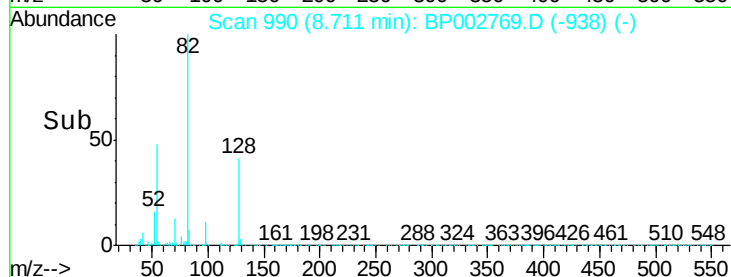
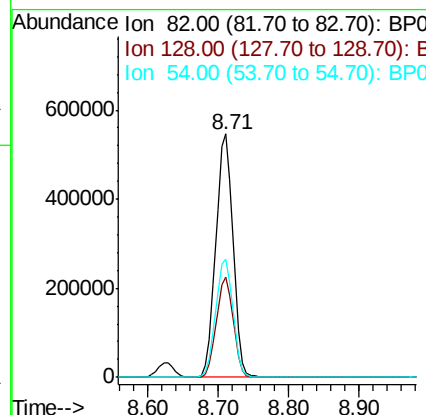
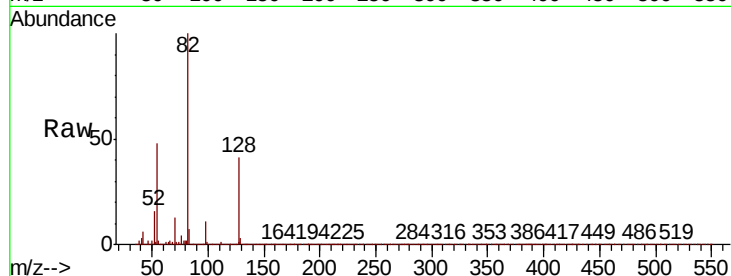




#23
Nitrobenzene-d5
Concen: 80.559 ng
RT: 8.71 min Scan# 990
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

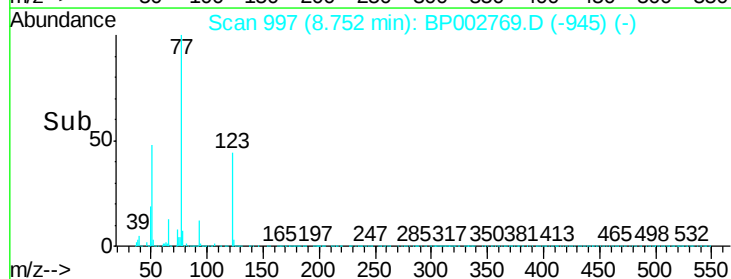
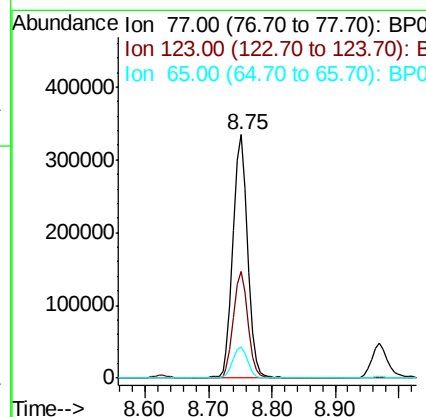
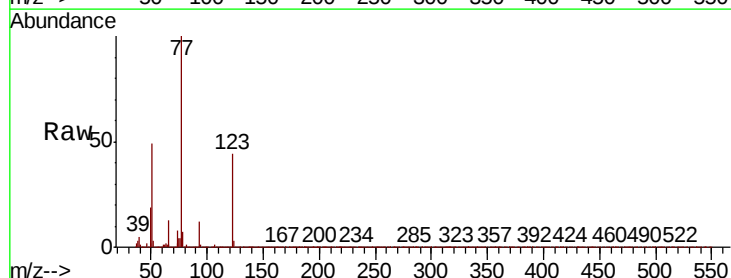
Instrument :
BNA_P
ClientSampleId :
PB130217BS

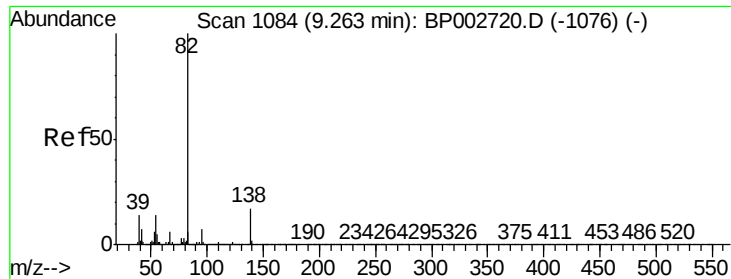
Tot Ion	82	Resp	926392
Ion Ratio	Lower	Upper	
82	100		
128	41.3	33.8	50.8
54	48.5	38.8	58.2



#24
Nitrobenzene
Concen: 42.603 ng
RT: 8.75 min Scan# 997
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

Tgt Ion	77	Resp	530577
Ion Ratio	Lower	Upper	
77	100		
123	43.7	35.0	52.6
65	12.8	10.4	15.6

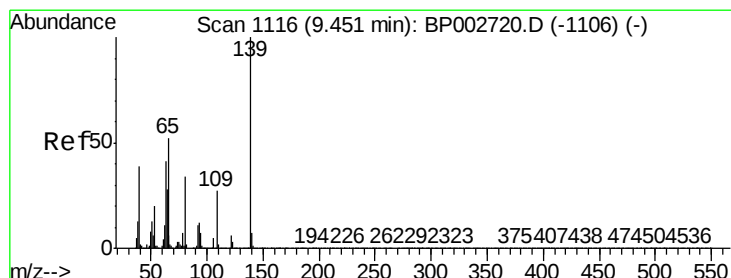
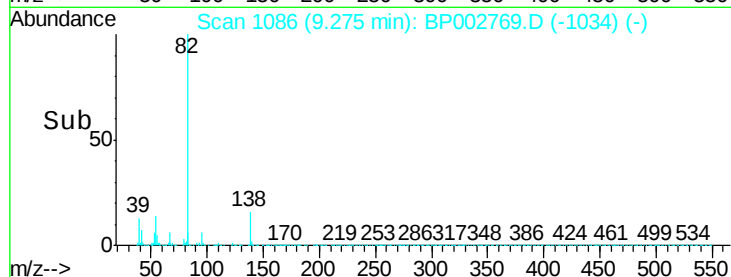
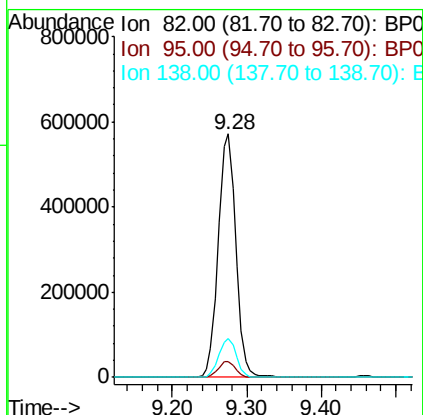
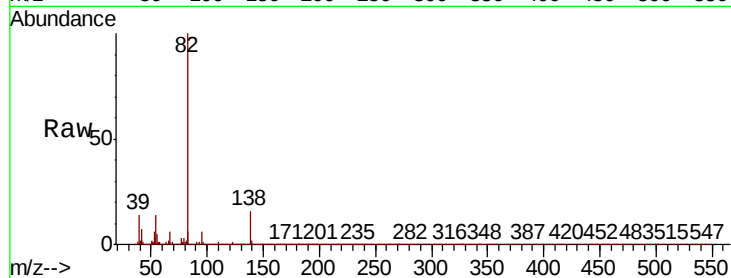




#25
Isophorone
Concen: 39.885 ng
RT: 9.28 min Scan# 1086
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

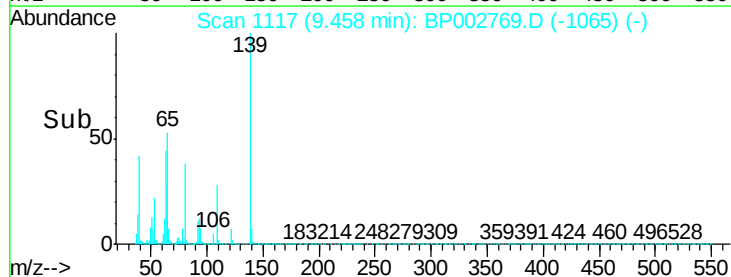
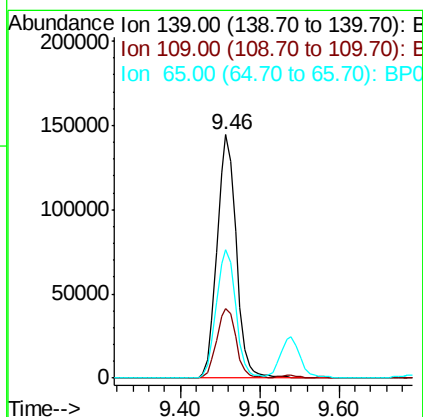
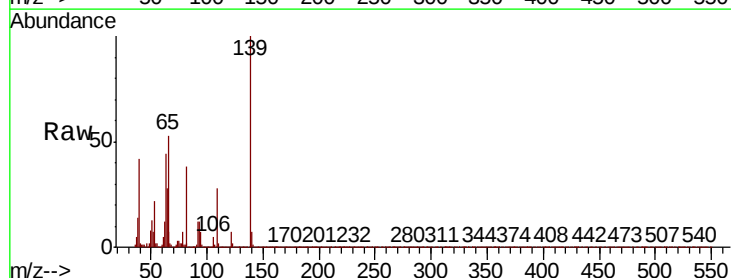
Instrument :
BNA_P
ClientSampleId :
PB130217BS

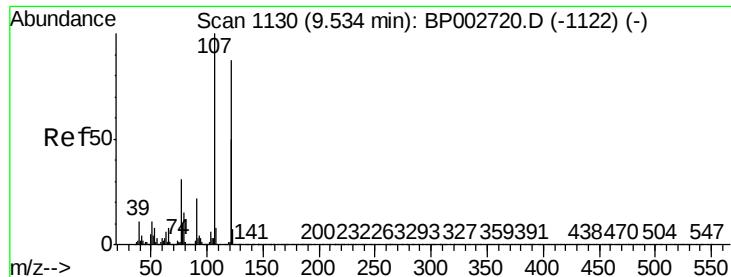
Tot Ion: 82 Resp: 934778
Ion Ratio Lower Upper
82 100
95 6.4 5.2 7.8
138 16.2 13.2 19.8



#26
2-Nitrophenol
Concen: 45.041 ng
RT: 9.46 min Scan# 1117
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

Tgt Ion: 139 Resp: 242277
Ion Ratio Lower Upper
139 100
109 28.3 21.9 32.9
65 53.0 41.3 61.9

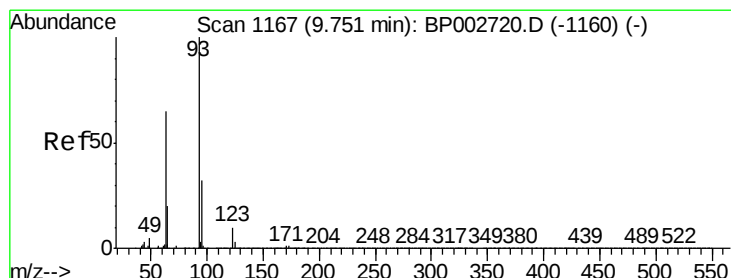
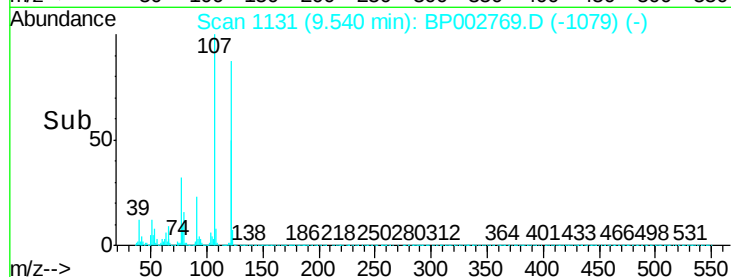
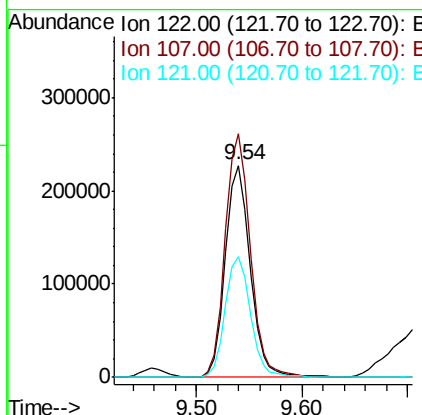
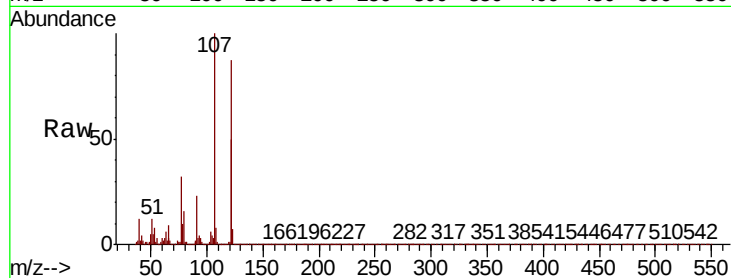




#27
2,4-Dimethylphenol
Concen: 42.553 ng
RT: 9.54 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

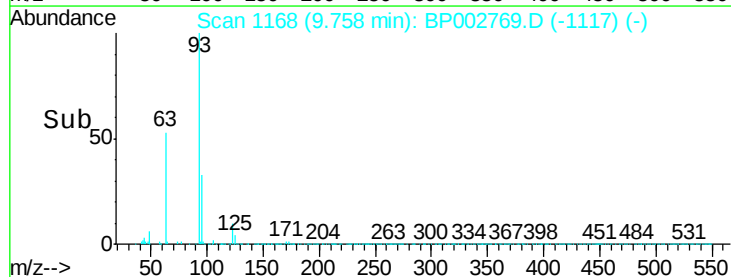
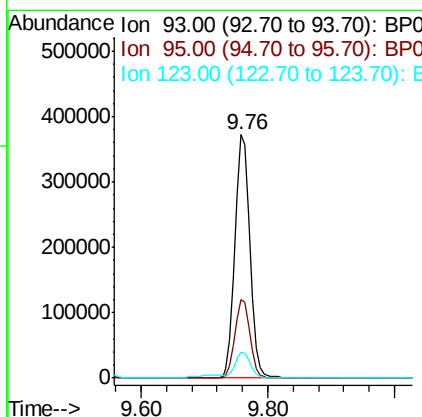
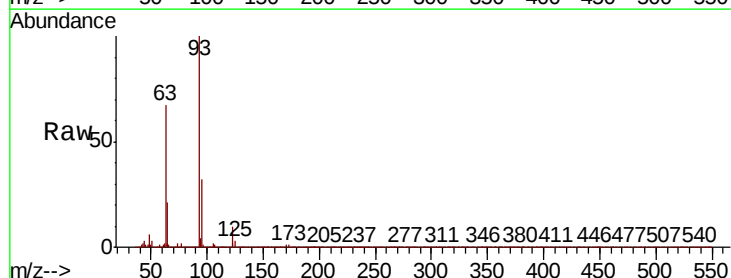
Instrument :
BNA_P
ClientSampleId :
PB130217BS

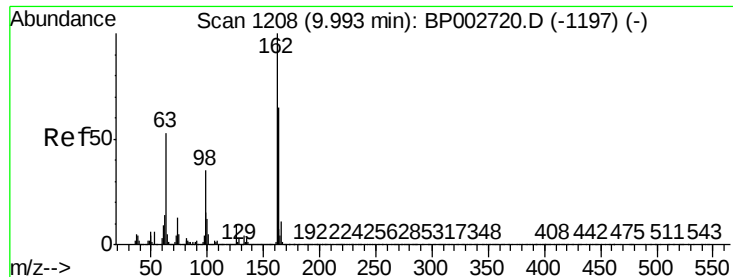
Tot Ion	Ratio	Lower	Upper
122	100		
107	115.0	92.2	138.4
121	57.2	45.8	68.6



#28
bis(2-Chloroethoxy)methane
Concen: 42.033 ng
RT: 9.76 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.8	38.6
123	10.4	8.9	13.3

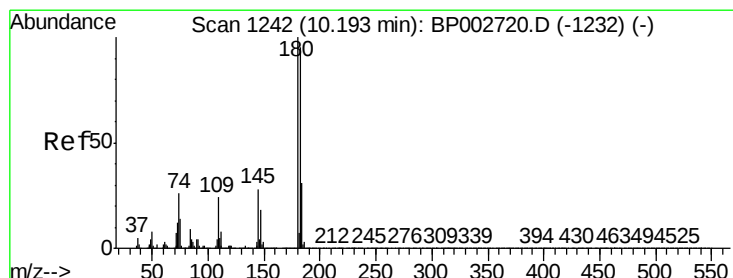
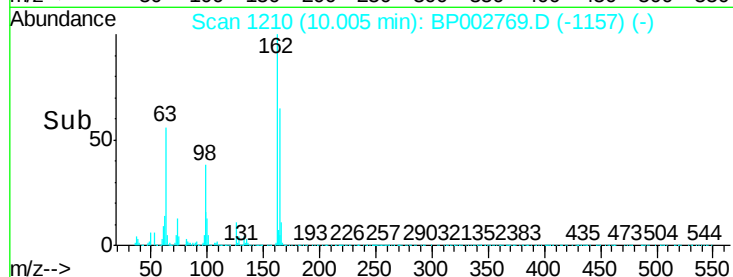
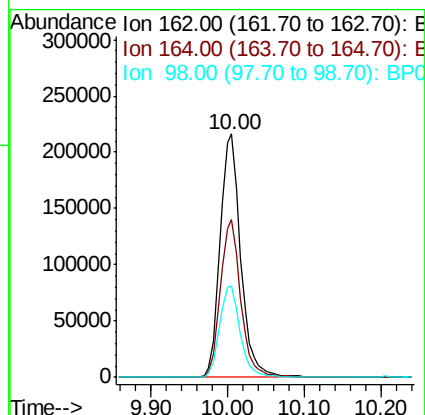
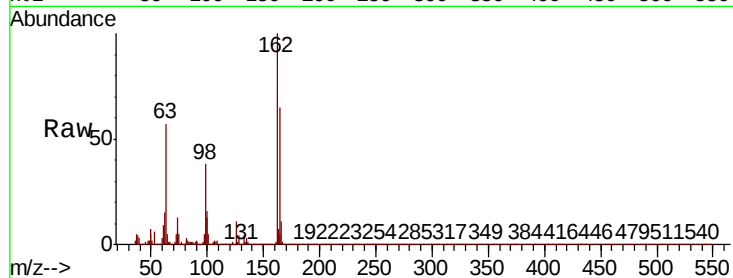




#29
2,4-Dichlorophenol
Concen: 41.552 ng
RT: 10.00 min Scan# 1210
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

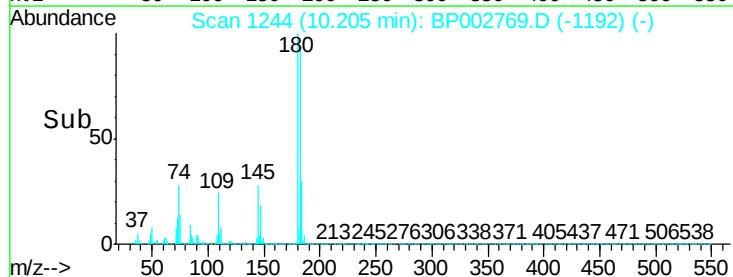
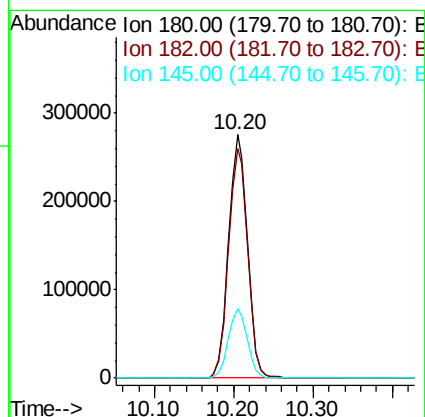
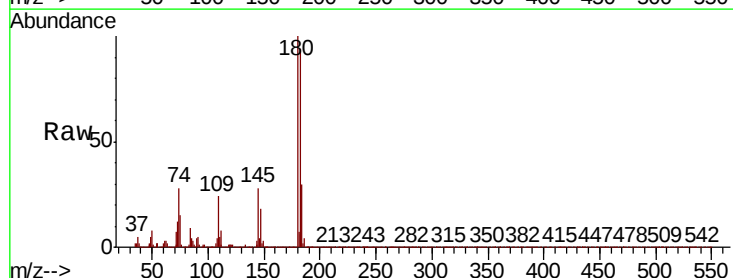
Instrument :
BNA_P
ClientSampleId :
PB130217BS

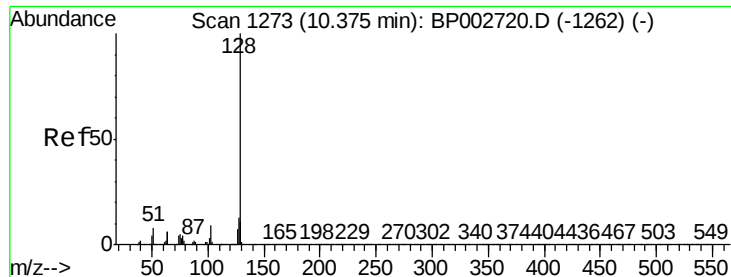
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.5	84.5
98	37.6	15.2	55.2



#30
1,2,4-Trichlorobenzene
Concen: 41.192 ng
RT: 10.20 min Scan# 1244
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.8	113.6
145	28.4	22.6	34.0

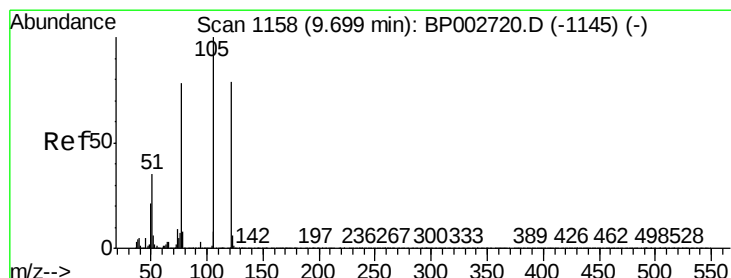
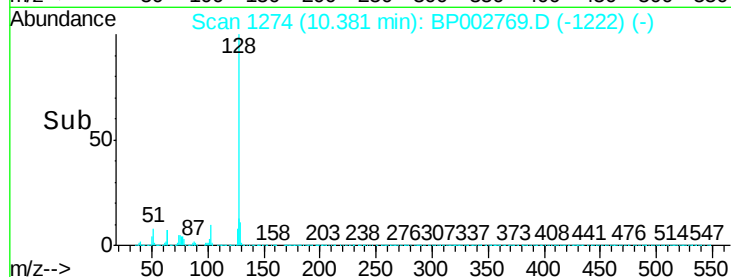
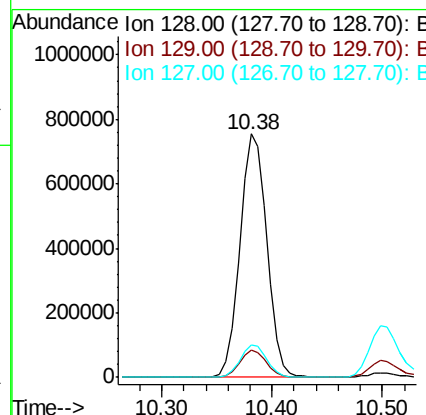
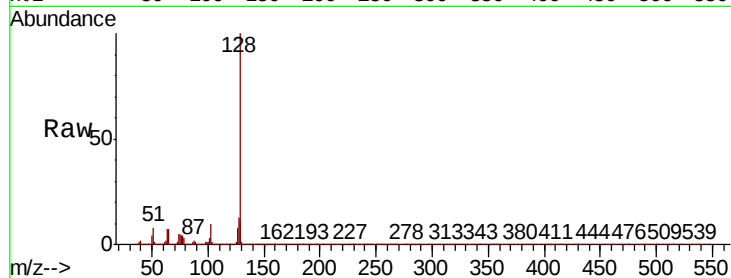




#31
Naphthalene
Concen: 39.749 ng
RT: 10.38 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

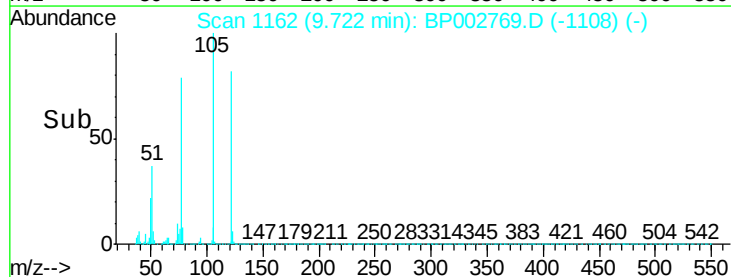
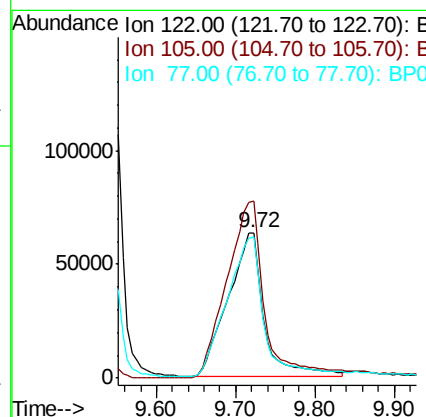
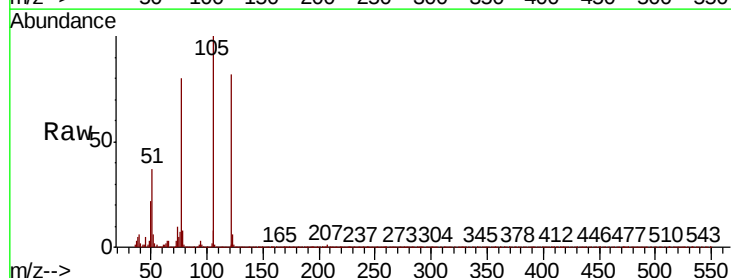
Instrument :
BNA_P
ClientSampleId :
PB130217BS

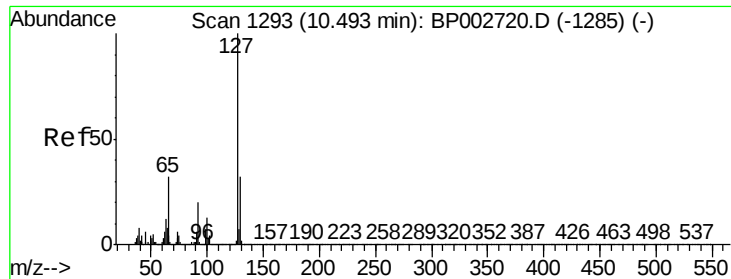
Tot Ion:128 Resp: 1290688
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 32.192 ng
RT: 9.72 min Scan# 1162
Delta R.T. 0.02 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

Tgt Ion:122 Resp: 199072
Ion Ratio Lower Upper
122 100
105 121.7 105.4 145.4
77 96.9 78.5 118.5

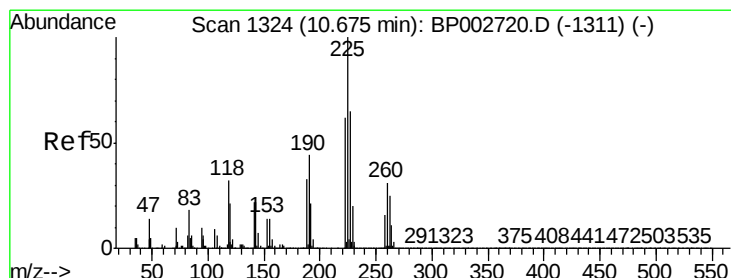
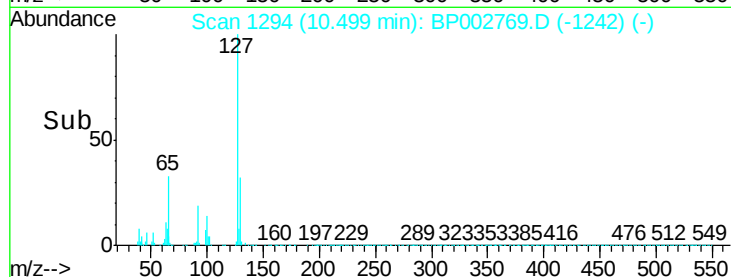
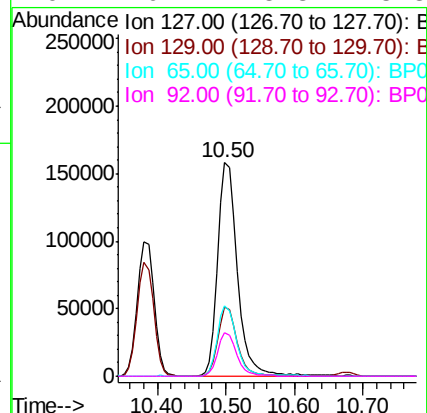
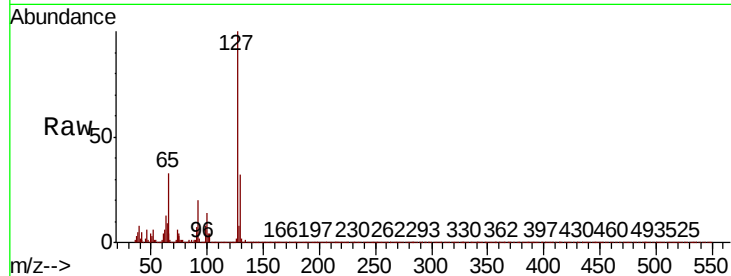




#33
4-Chloroaniline
Concen: 22.425 ng
RT: 10.50 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

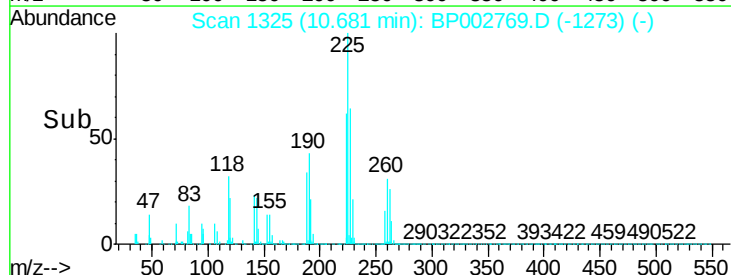
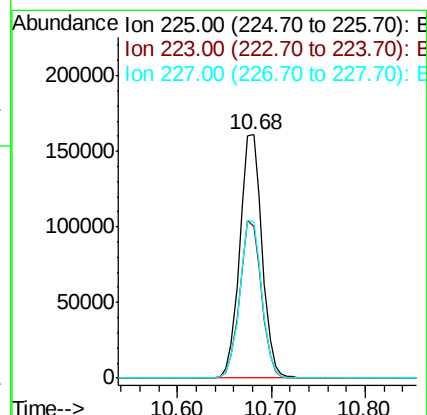
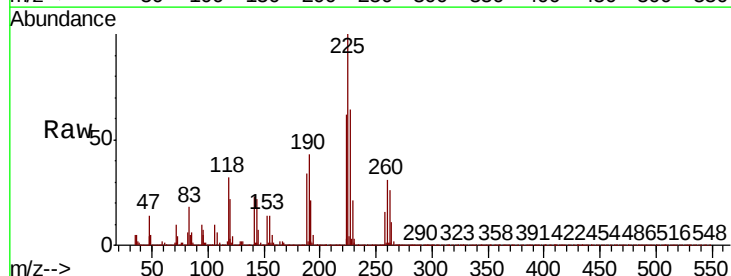
Instrument :
BNA_P
ClientSampleId :
PB130217BS

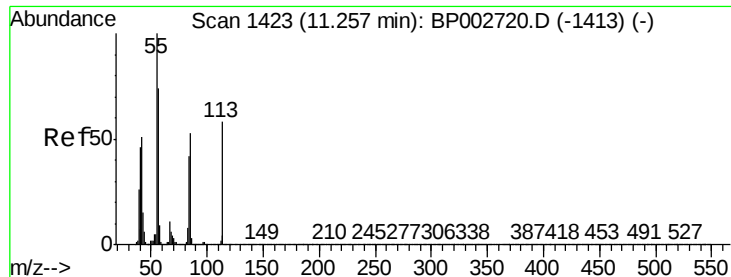
Tot Ion:	127	Resp:	312015
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.3	37.9
65	33.0	25.4	38.2
92	20.4	15.8	23.8



#34
Hexachlorobutadiene
Concen: 41.322 ng
RT: 10.68 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

Tgt Ion:	225	Resp:	263389
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.9	74.9
227	64.1	51.8	77.6

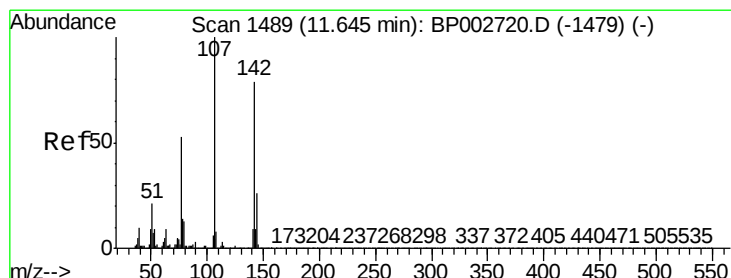
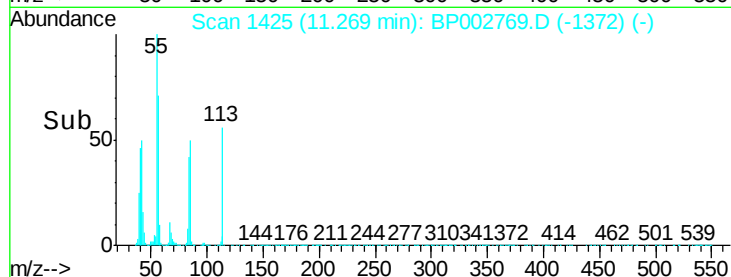
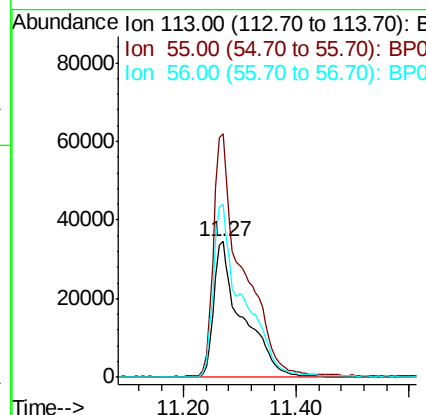
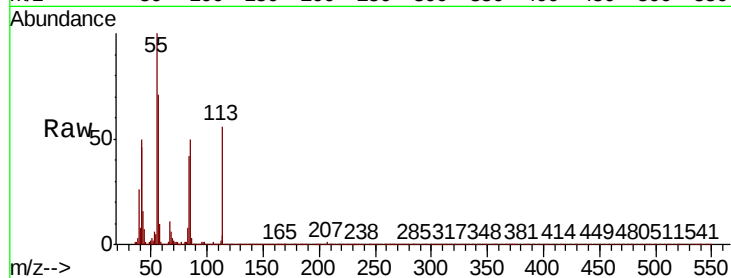




#35
 Caprolactam
 Concen: 36.099 ng
 RT: 11.27 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BP002769.D
 Acq: 16 Jul 2020 13:04

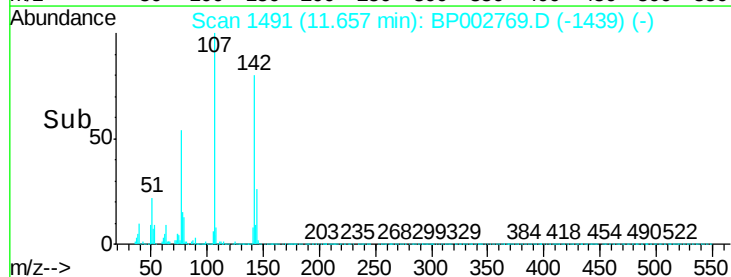
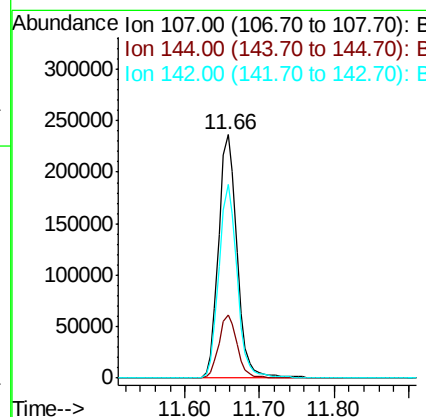
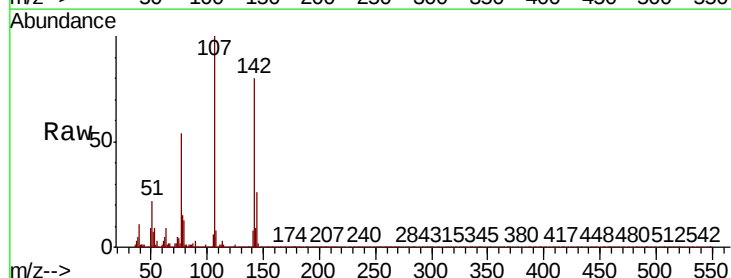
Instrument :
 BNA_P
 ClientSampleId :
 PB130217BS

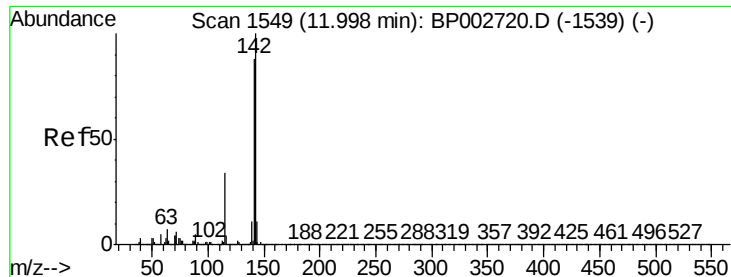
Tot Ion:113 Resp: 121522
 Ion Ratio Lower Upper
 113 100
 55 179.3 152.8 192.8
 56 127.9 107.5 147.5



#36
 4-Chloro-3-methylphenol
 Concen: 39.355 ng
 RT: 11.66 min Scan# 1491
 Delta R.T. 0.01 min
 Lab File: BP002769.D
 Acq: 16 Jul 2020 13:04

Tgt Ion:107 Resp: 408432
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.6 30.8
 142 79.8 63.4 95.2

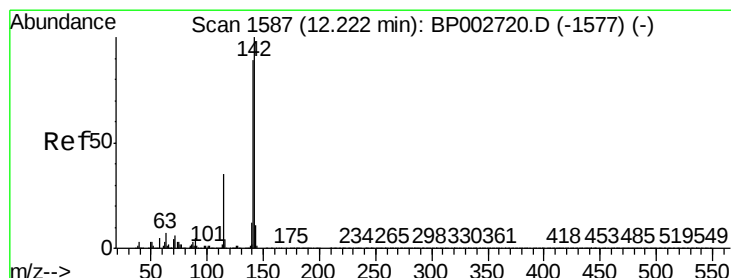
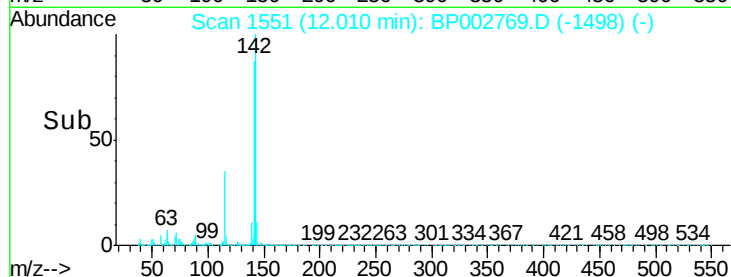
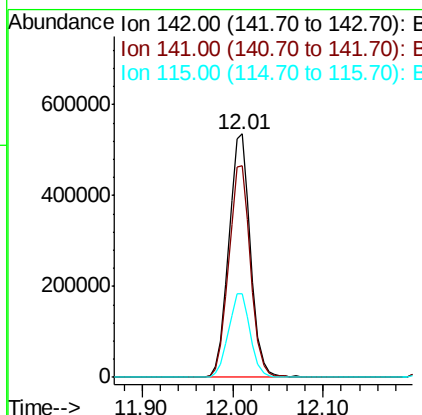
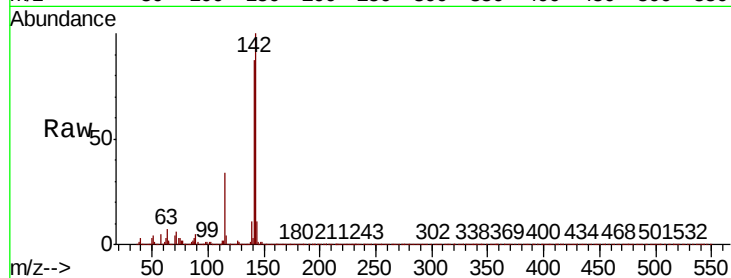




#37
2-Methylnaphthalene
Concen: 38.743 ng
RT: 12.01 min Scan# 1551
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

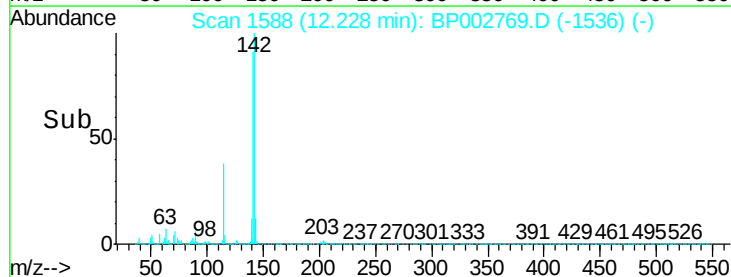
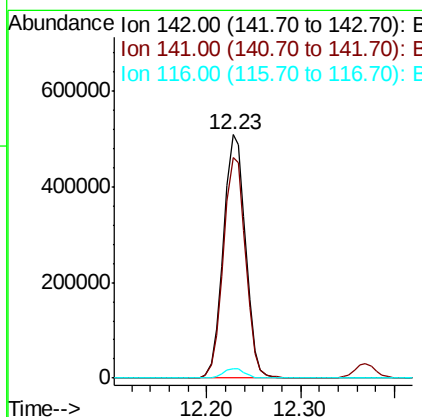
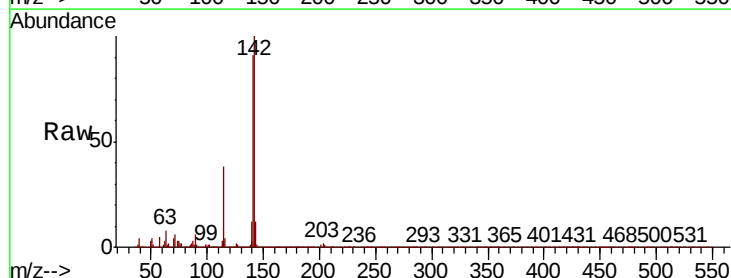
Instrument :
BNA_P
ClientSampleId :
PB130217BS

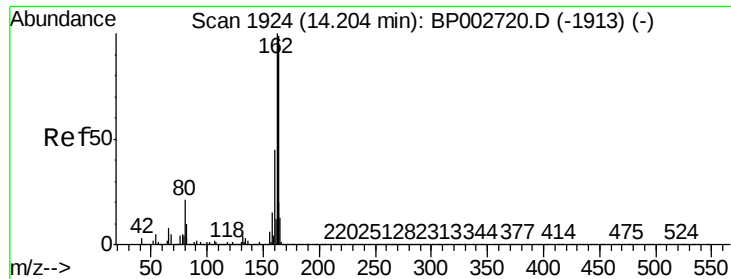
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.8	70.4	105.6
115	34.4	27.0	40.6



#38
1-Methylnaphthalene
Concen: 38.414 ng
RT: 12.23 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.5	107.3
116	3.9	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: BP002769.D

Acq: 16 Jul 2020 13:04

Instrument :

BNA_P

ClientSampleId :

PB130217BS

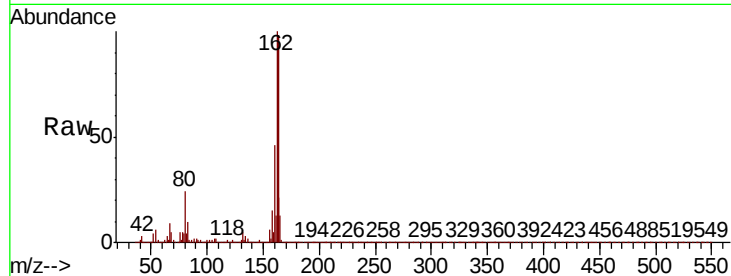
Tot Ion:164 Resp: 315119

Ion Ratio Lower Upper

164 100

162 102.1 80.6 121.0

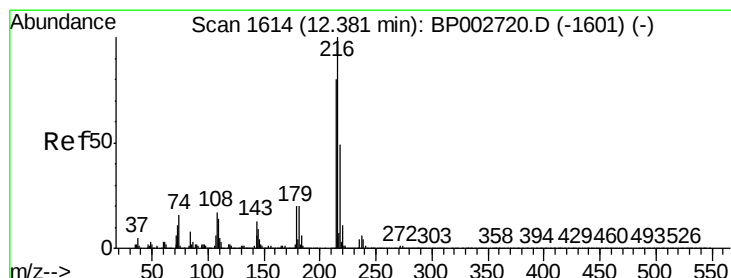
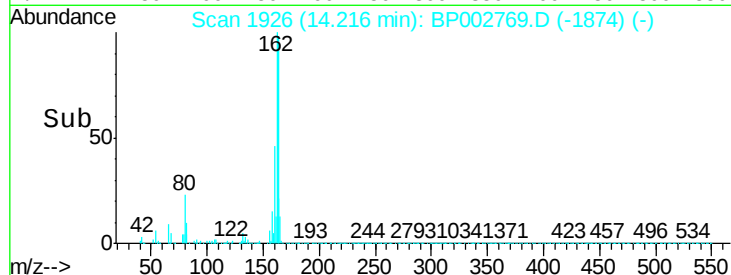
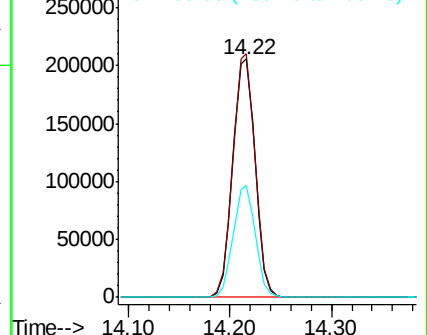
160 46.8 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.076 ng

RT: 12.39 min Scan# 1616

Delta R.T. 0.01 min

Lab File: BP002769.D

Acq: 16 Jul 2020 13:04

Tgt Ion:216 Resp: 436533

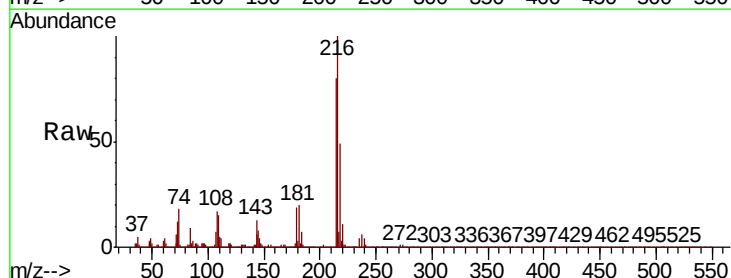
Ion Ratio Lower Upper

216 100

214 78.5 63.4 95.2

179 20.1 16.2 24.2

108 20.6 14.8 22.2

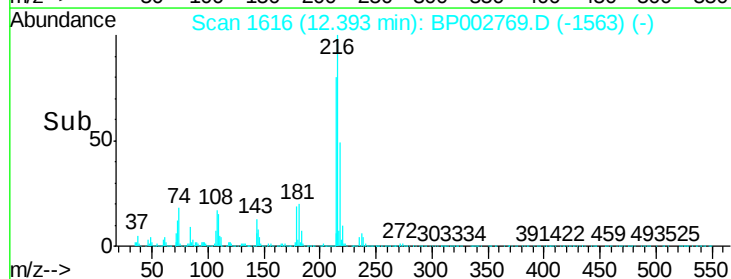
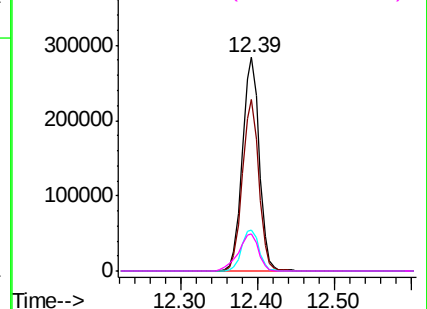


Abundance Ion 216.00 (215.70 to 216.70): E

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

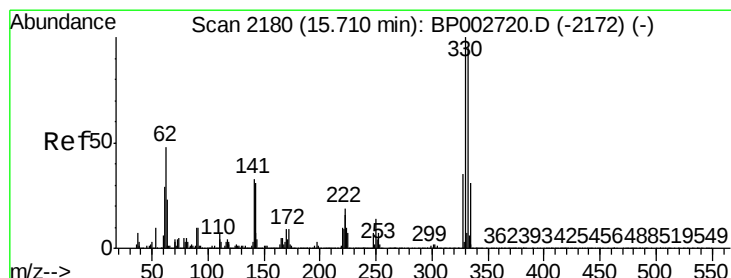
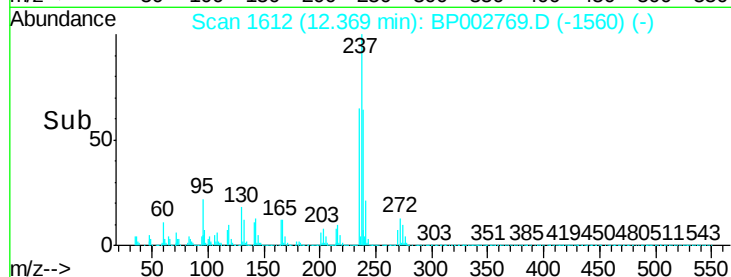
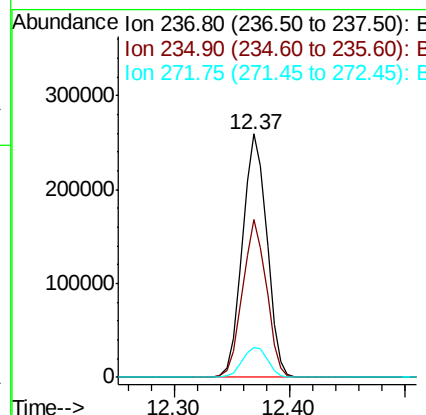
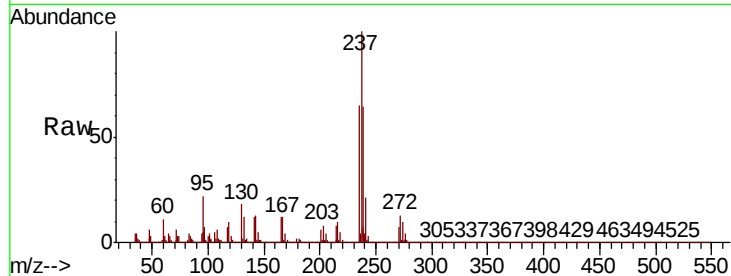




#41
Hexachlorocyclopentadiene
Concen: 88.015 ng
RT: 12.37 min Scan# 1612
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

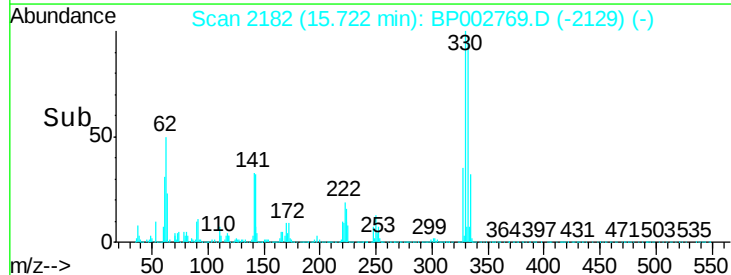
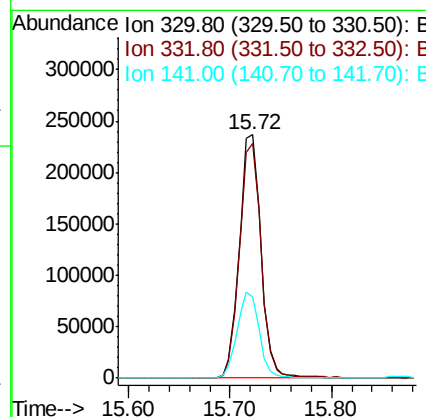
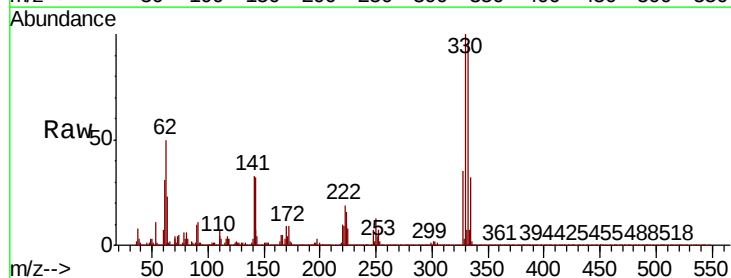
Instrument :
BNA_P
ClientSampleId :
PB130217BS

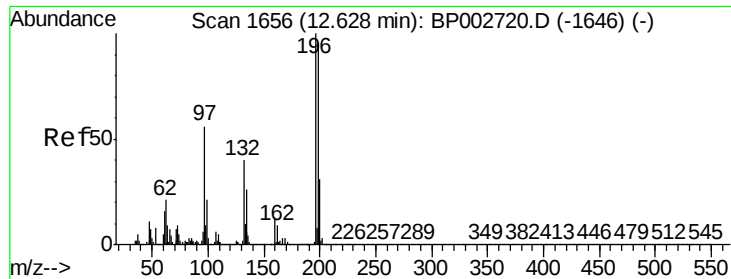
Tot Ion	Ratio	Lower	Upper
237	100		
235	65.1	42.3	82.3
272	12.5	0.0	32.5



#42
2,4,6-Tribromophenol
Concen: 106.976 ng
RT: 15.72 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.5	114.7
141	36.0	28.8	43.2

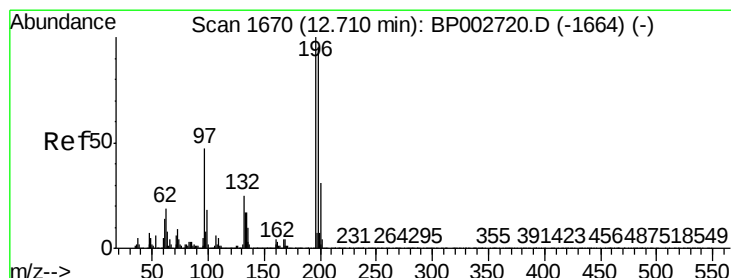
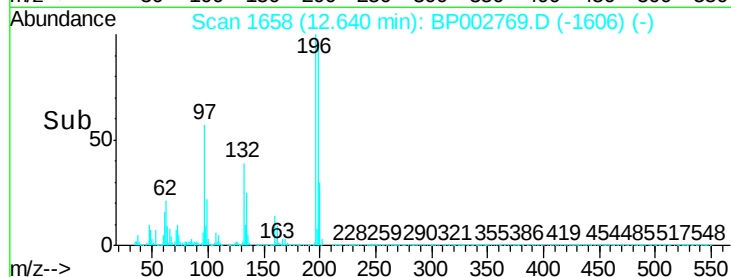
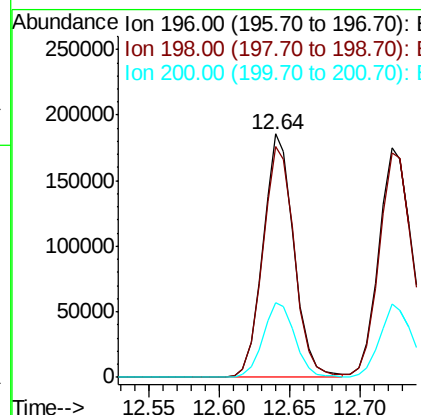
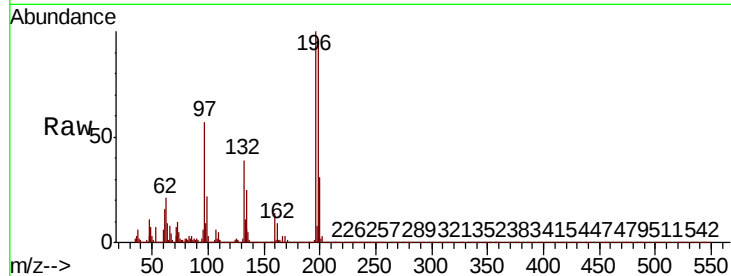




#43
 2,4,6-Trichlorophenol
 Concen: 46.021 ng
 RT: 12.64 min Scan# 1658
 Delta R.T. 0.01 min
 Lab File: BP002769.D
 Acq: 16 Jul 2020 13:04

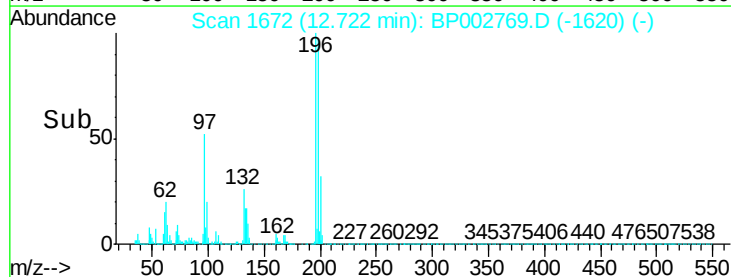
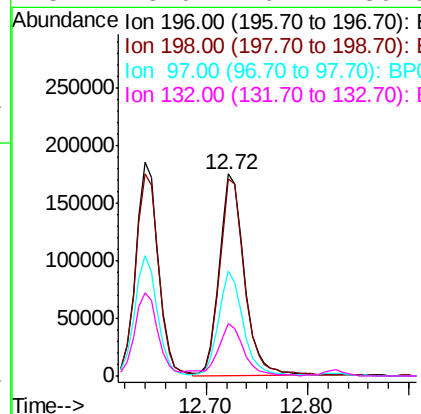
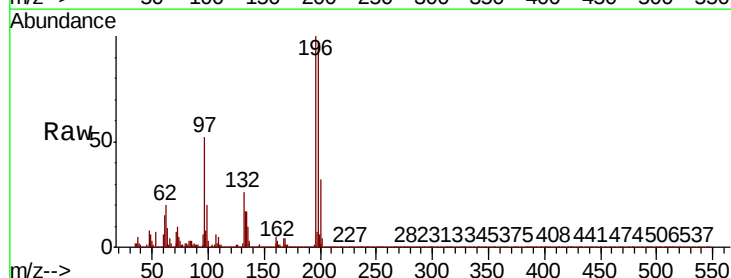
Instrument :
 BNA_P
 ClientSampleId :
 PB130217BS

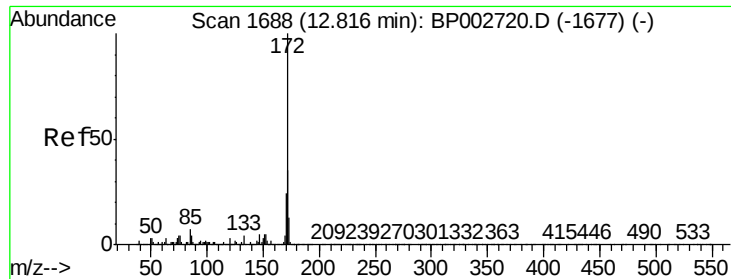
Tot Ion:196 Resp: 285278
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.8 113.6
 200 30.5 24.5 36.7



#44
 2,4,5-Trichlorophenol
 Concen: 41.934 ng
 RT: 12.72 min Scan# 1672
 Delta R.T. 0.01 min
 Lab File: BP002769.D
 Acq: 16 Jul 2020 13:04

Tgt Ion:196 Resp: 301492
 Ion Ratio Lower Upper
 196 100
 198 97.5 75.8 113.6
 97 51.7 38.0 57.0
 132 25.9 20.4 30.6

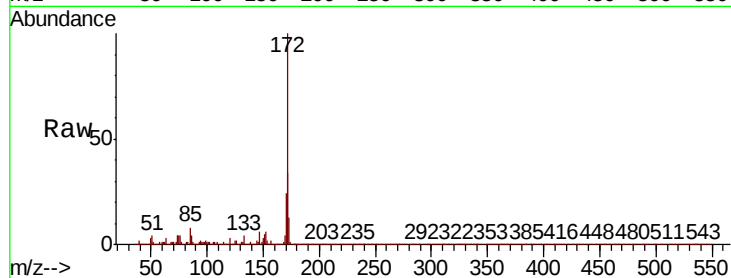




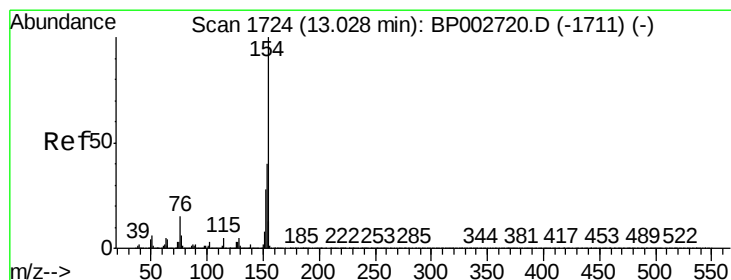
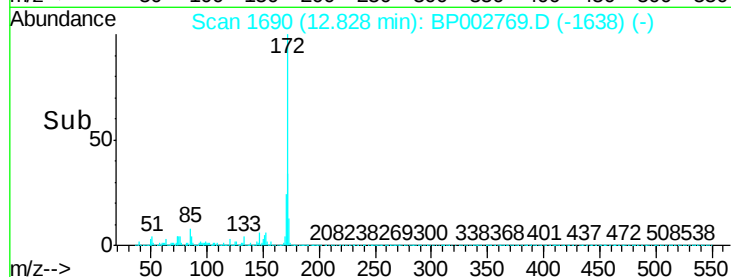
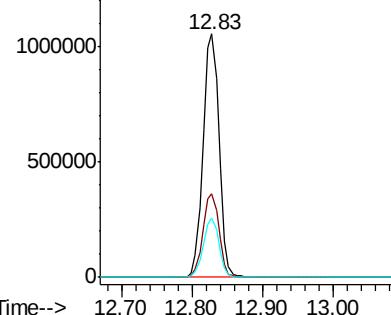
#45
2-Fluorobiphenyl
Concen: 81.483 ng
RT: 12.83 min Scan# 1690
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

Instrument :
BNA_P
ClientSampleId :
PB130217BS

Tot Ion:172 Resp: 1659813
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 24.4 19.3 28.9

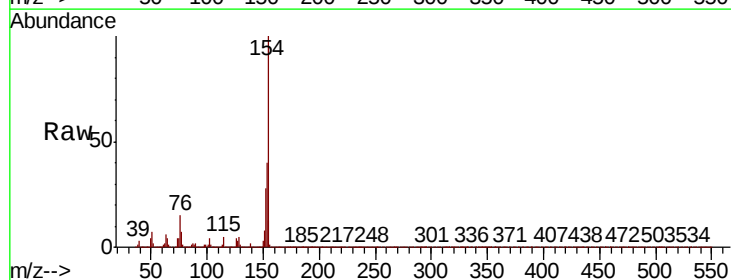


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

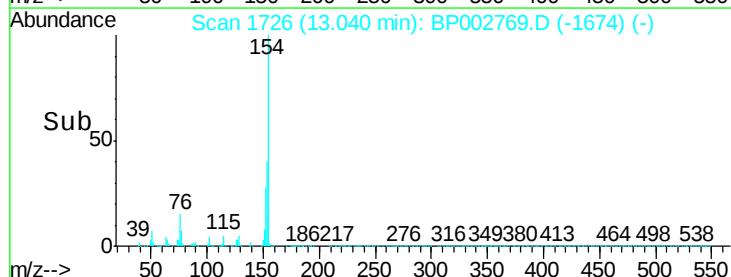
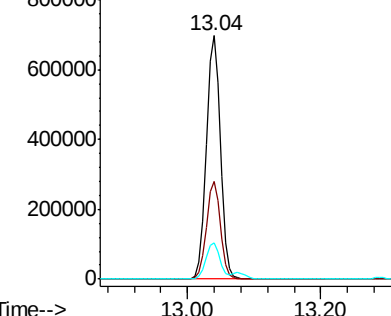


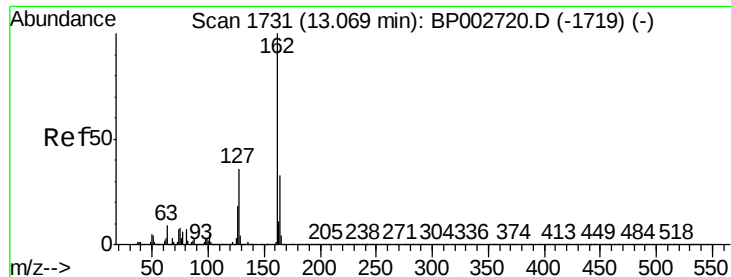
#46
1,1'-Biphenyl
Concen: 44.365 ng
RT: 13.04 min Scan# 1726
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

Tgt Ion:154 Resp: 1042244
Ion Ratio Lower Upper
154 100
153 40.1 19.8 59.8
76 14.6 0.0 34.7



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BP0

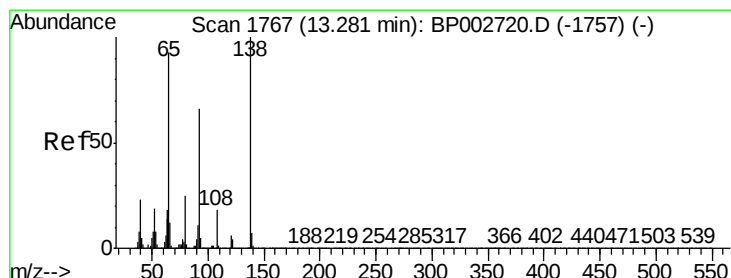
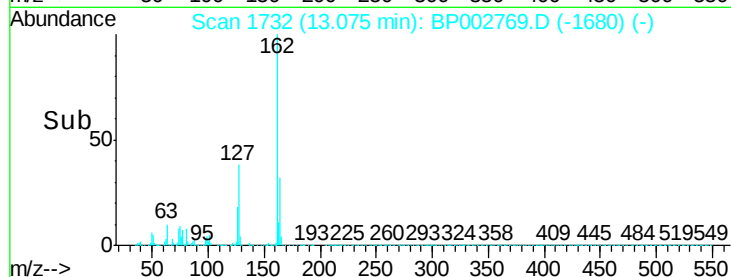
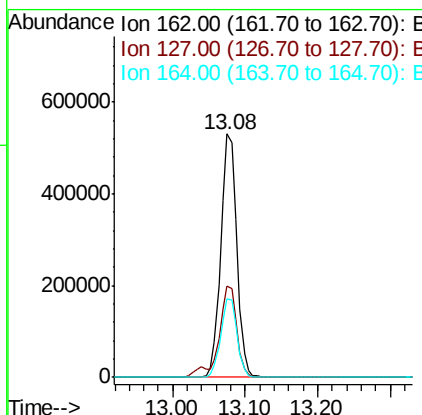
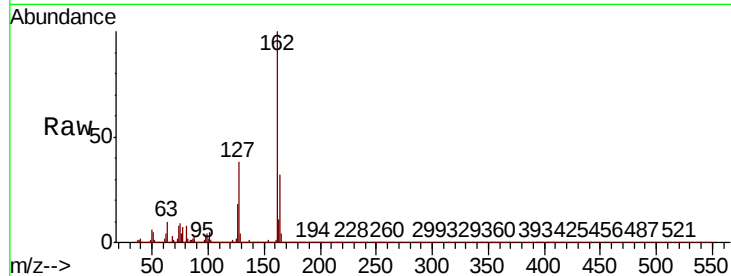




#47
2-Chloronaphthalene
Concen: 42.681 ng
RT: 13.08 min Scan# 1732
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

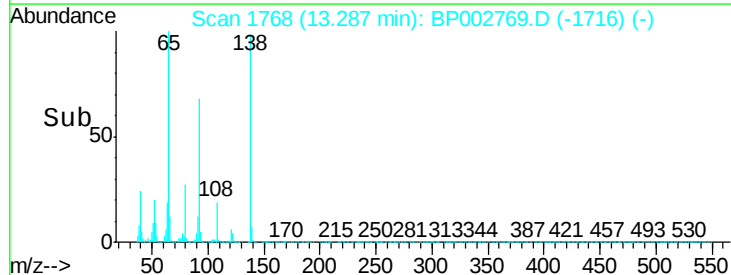
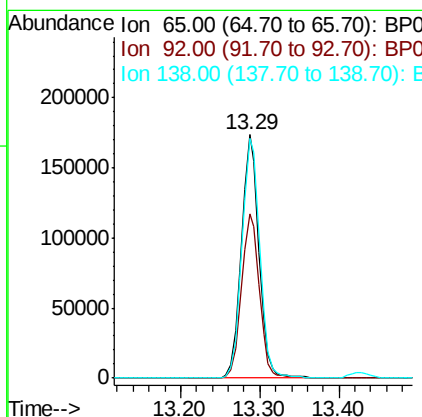
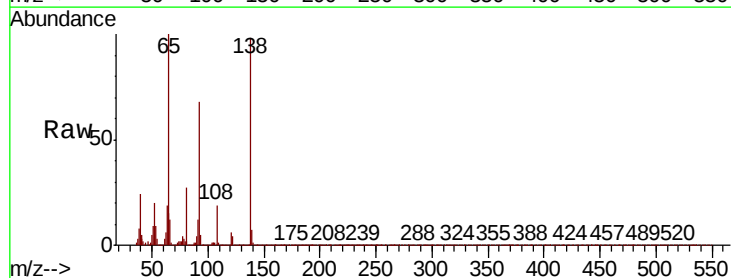
Instrument :
BNA_P
ClientSampleId :
PB130217BS

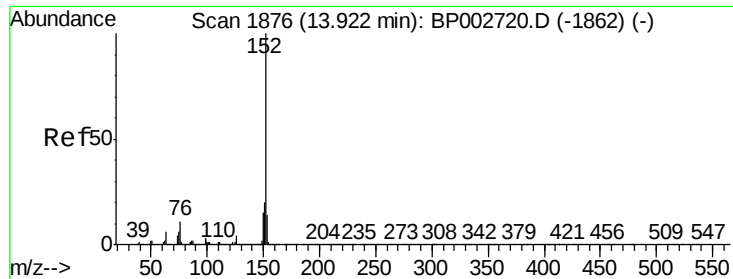
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.6	29.0	43.4
164	32.2	26.8	40.2



#48
2-Nitroaniline
Concen: 45.070 ng
RT: 13.29 min Scan# 1768
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.6	57.0	85.6
138	98.2	86.0	129.0





#49

Acenaphthylene

Concen: 41.804 ng

RT: 13.93 min Scan# 1877

Delta R.T. 0.01 min

Lab File: BP002769.D

Acq: 16 Jul 2020 13:04

Instrument :

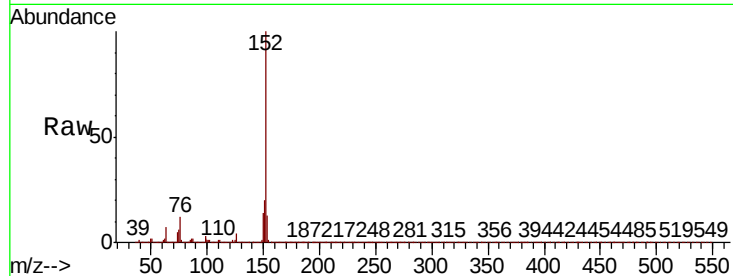
BNA_P

ClientSampleId :

PB130217BS

Tot Ion:152 Resp: 1257491

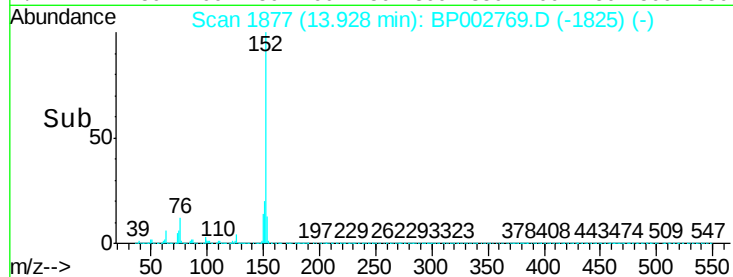
Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.4
153	13.3	10.9	16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

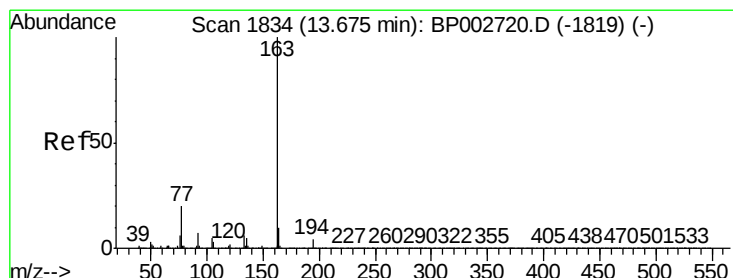
Ion 153.00 (152.70 to 153.70): E



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.673 ng

RT: 13.68 min Scan# 1835

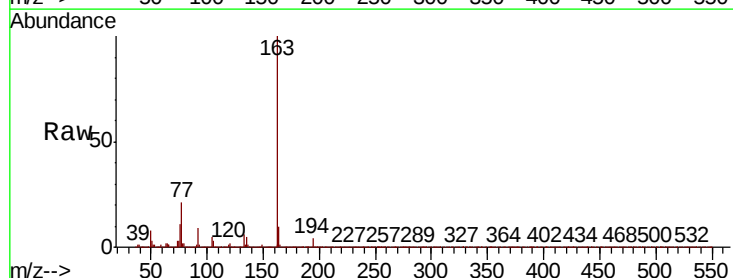
Delta R.T. 0.01 min

Lab File: BP002769.D

Acq: 16 Jul 2020 13:04

Tgt Ion:163 Resp: 953429

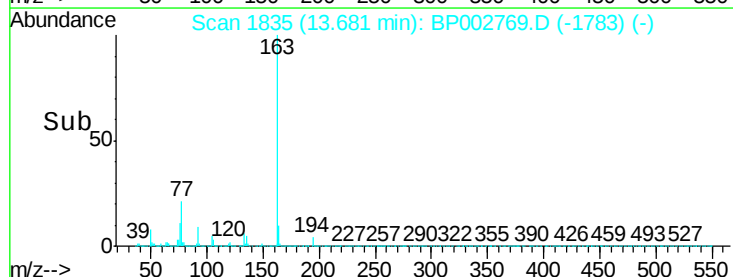
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.2
164	10.0	7.8	11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

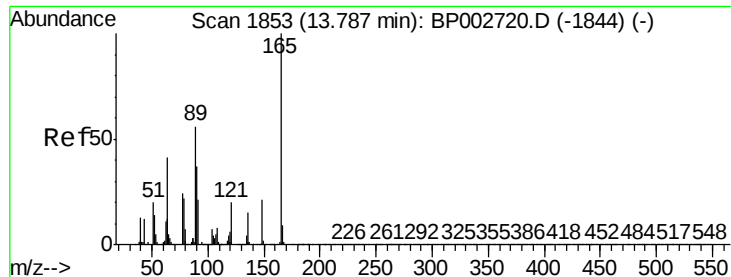
Ion 164.00 (163.70 to 164.70): E



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

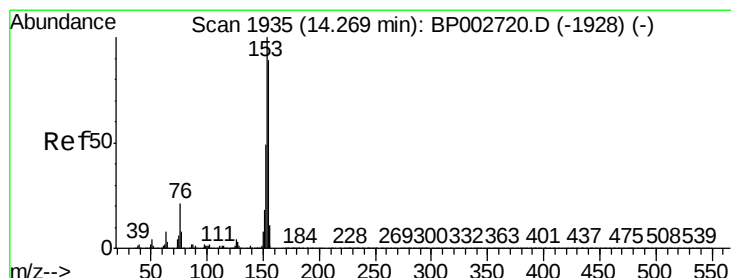
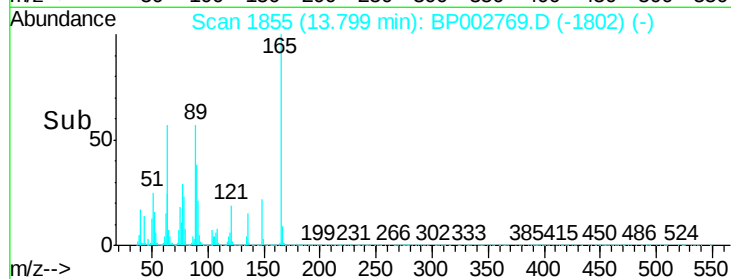
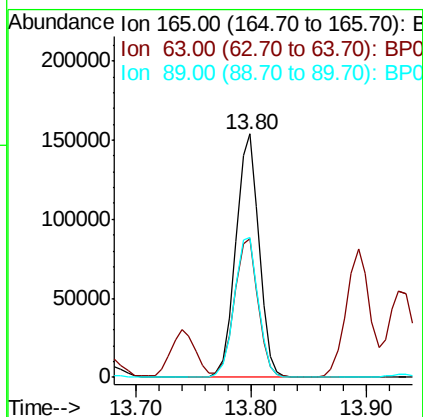
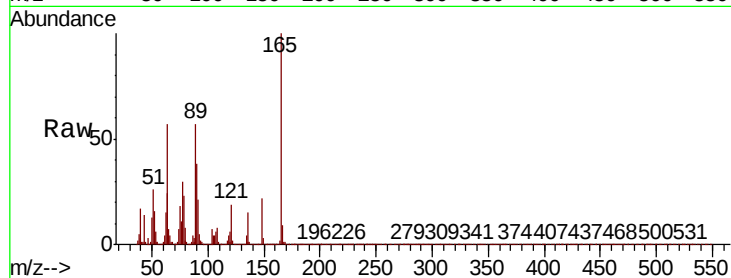
Ion 164.00 (163.70 to 164.70): E



#51
2,6-Dinitrotoluene
Concen: 41.427 ng
RT: 13.80 min Scan# 1855
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

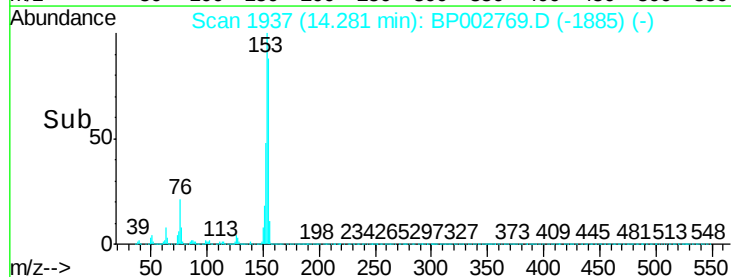
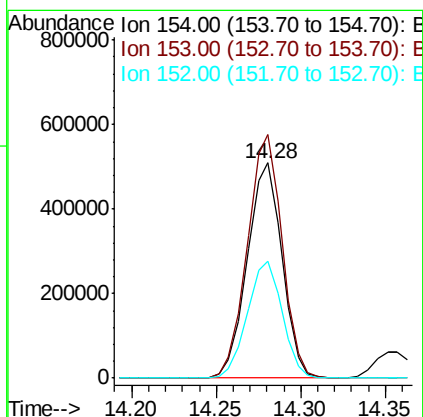
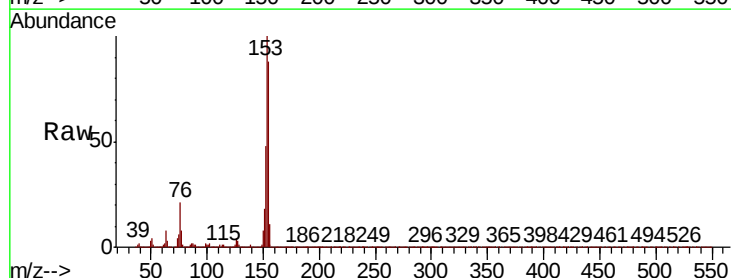
Instrument :
BNA_P
ClientSampleId :
PB130217BS

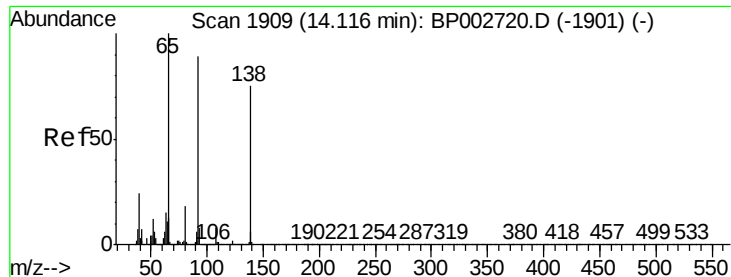
Tot Ion	Ratio	Lower	Upper
165	100		
63	56.8	43.2	64.8
89	57.3	44.6	67.0



#52
Acenaphthene
Concen: 40.669 ng
RT: 14.28 min Scan# 1937
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.3	90.1	135.1
152	54.4	43.8	65.6

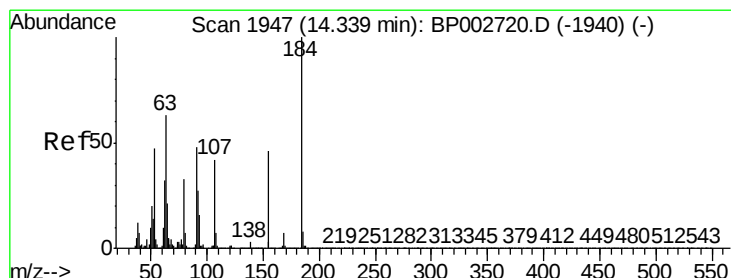
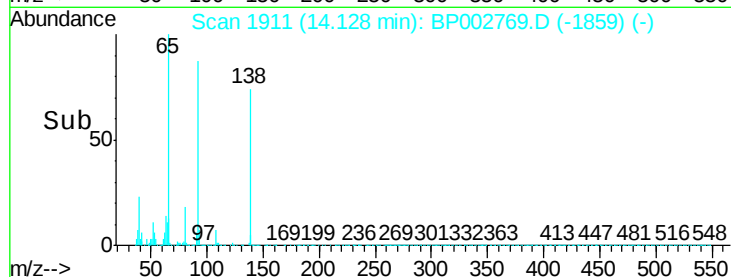
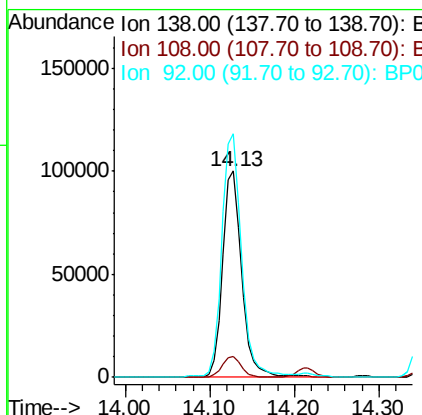
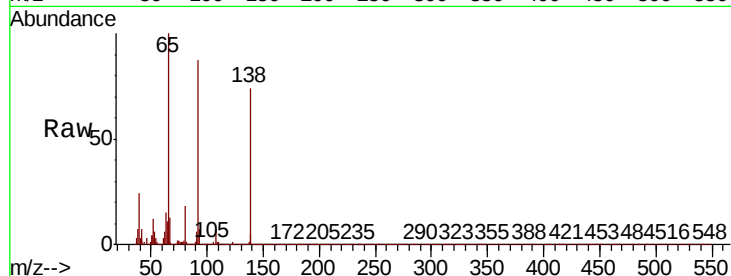




#53
3-Nitroaniline
Concen: 27.326 ng
RT: 14.13 min Scan# 1911
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

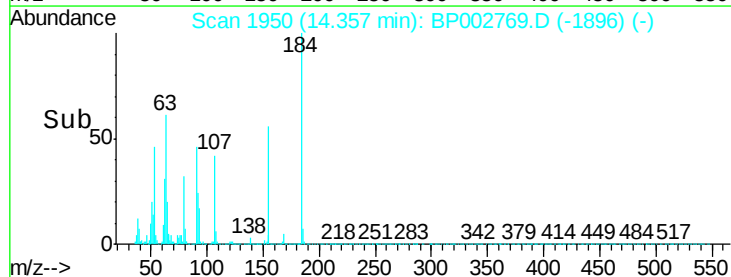
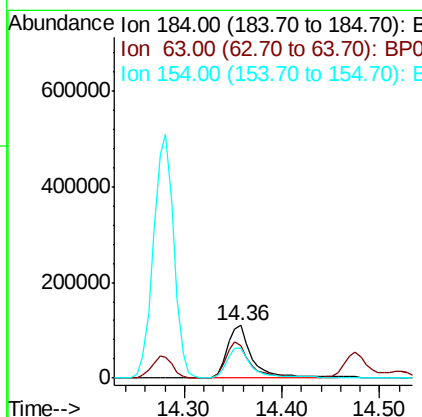
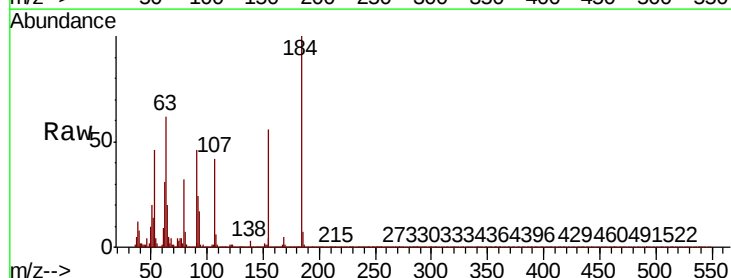
Instrument :
BNA_P
ClientSampleId :
PB130217BS

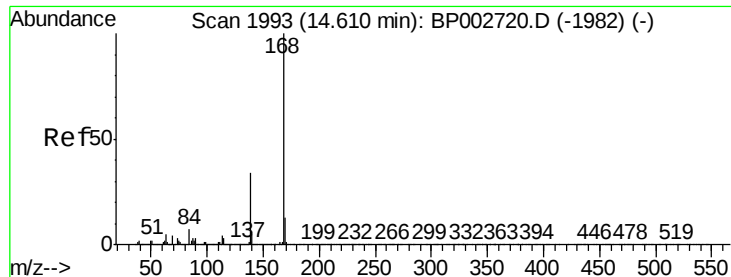
Tot Ion:138 Resp: 157297
Ion Ratio Lower Upper
138 100
108 10.2 8.2 12.2
92 118.1 94.3 141.5



#54
2,4-Dinitrophenol
Concen: 69.041 ng
RT: 14.36 min Scan# 1950
Delta R.T. 0.02 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

Tgt Ion:184 Resp: 192934
Ion Ratio Lower Upper
184 100
63 61.6 51.6 77.4
154 56.3 45.0 67.6





#55

Dibenzofuran

Concen: 39.570 ng

RT: 14.62 min Scan# 1994

Delta R.T. 0.01 min

Lab File: BP002769.D

Acq: 16 Jul 2020 13:04

Instrument :

BNA_P

ClientSampleId :

PB130217BS

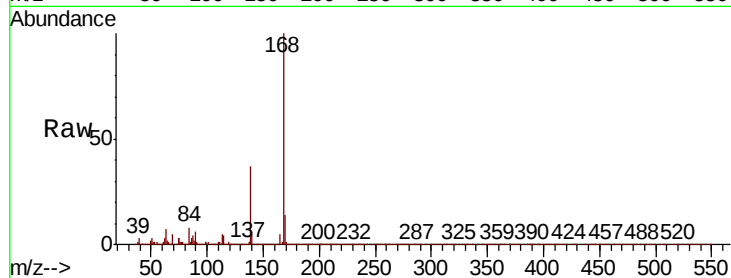
Tot Ion:168 Resp: 1140881

Ion	Ratio	Lower	Upper
168	100		
139	36.6	27.1	40.7
169	14.0	10.8	16.2

168 100

139 36.6 27.1 40.7

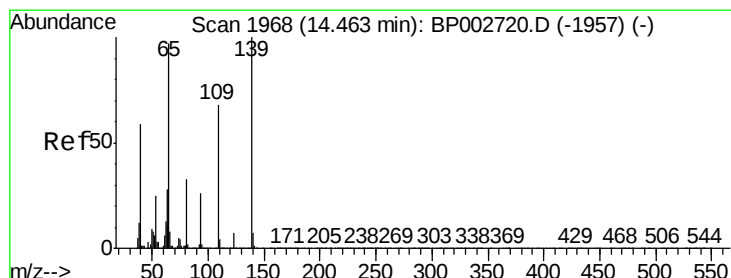
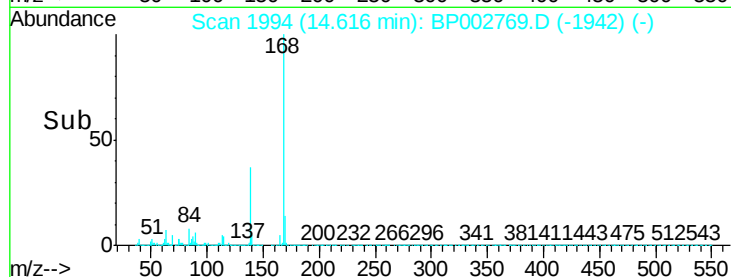
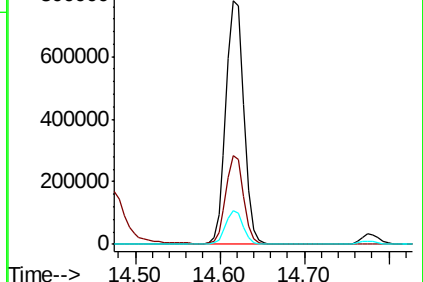
169 14.0 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 66.634 ng

RT: 14.47 min Scan# 1970

Delta R.T. 0.01 min

Lab File: BP002769.D

Acq: 16 Jul 2020 13:04

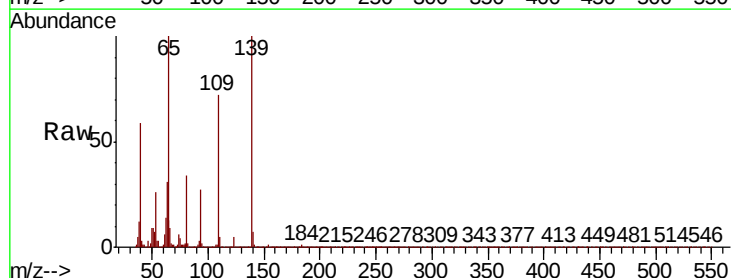
Tgt Ion:139 Resp: 303281

Ion	Ratio	Lower	Upper
139	100		
109	72.3	48.1	88.1
65	99.6	77.9	117.9

139 100

109 72.3 48.1 88.1

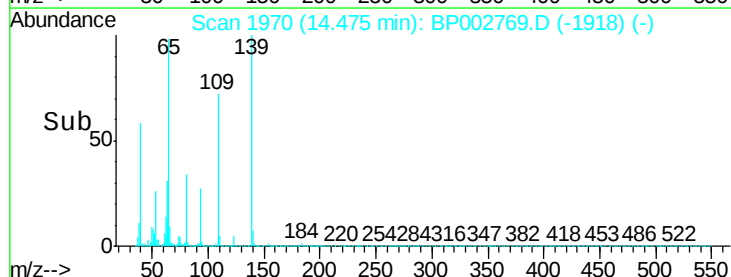
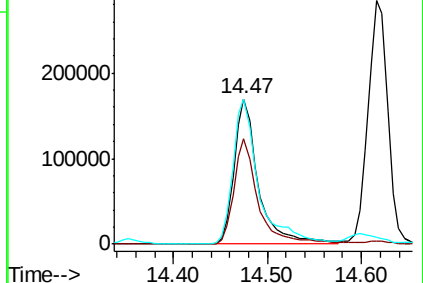
65 99.6 77.9 117.9

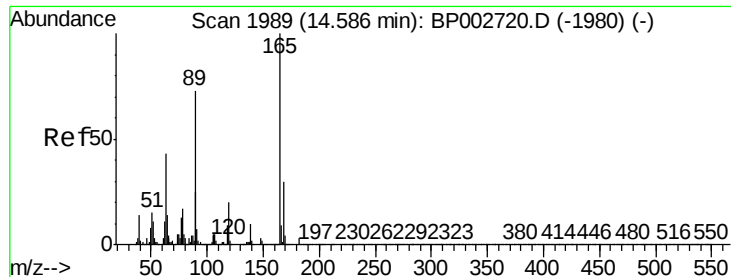


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

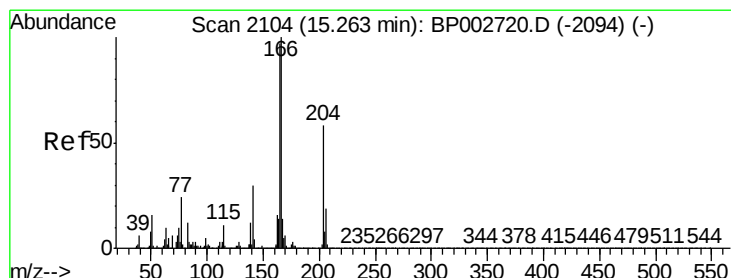
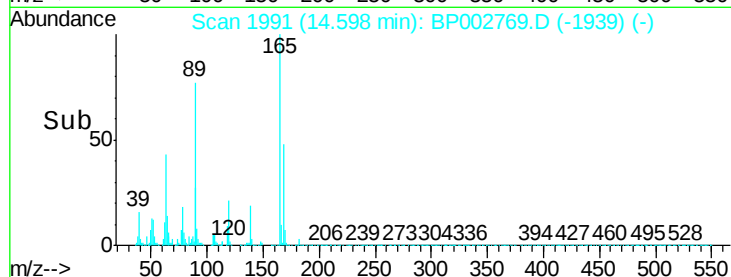
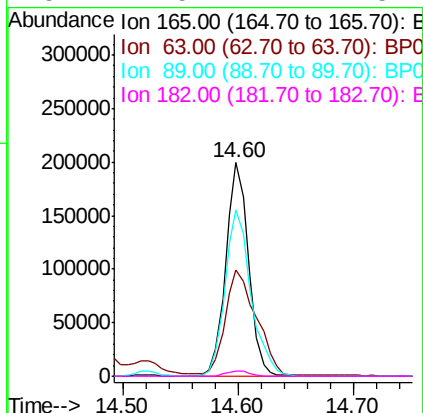
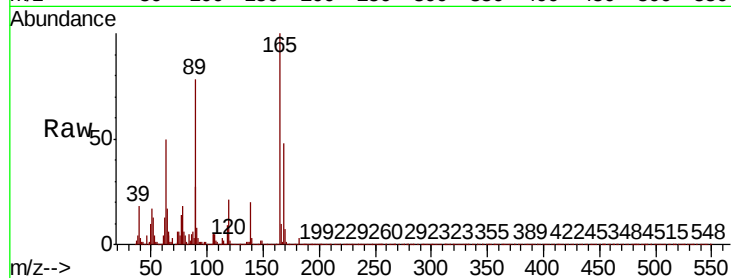




#57
2,4-Dinitrotoluene
Concen: 39.937 ng
RT: 14.60 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

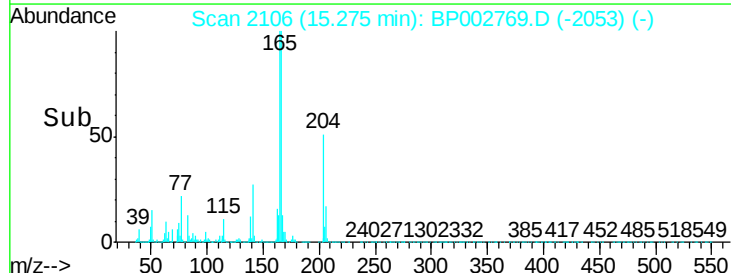
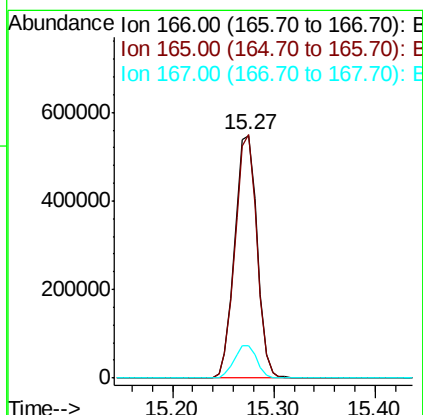
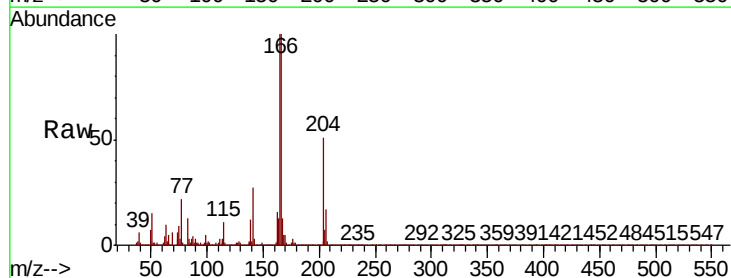
Instrument :
BNA_P
ClientSampleId :
PB130217BS

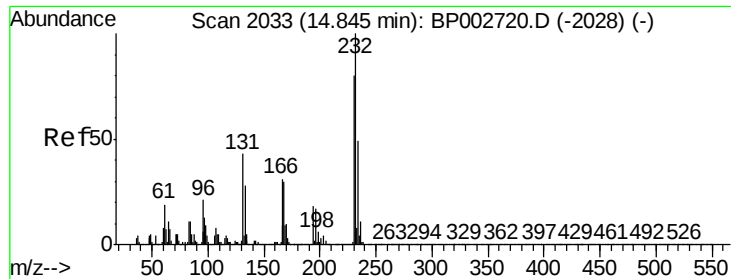
Tot Ion:165	Resp: 270606
Ion Ratio	Lower Upper
165 100	
63 49.6	35.1 52.7
89 78.0	58.4 87.6
182 2.5	2.2 3.2



#58
Fluorene
Concen: 39.544 ng
RT: 15.27 min Scan# 2106
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

Tgt	Ion:166	Resp:	843640
Ion	Ratio	Lower	Upper
166	100		
165	100.2	77.7	116.5
167	13.5	11.0	16.6

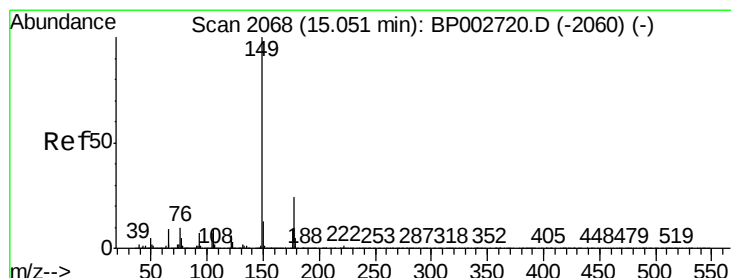
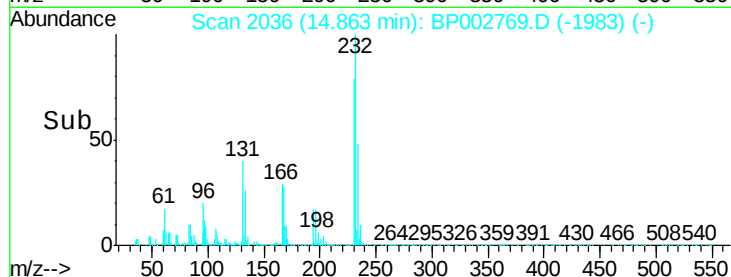
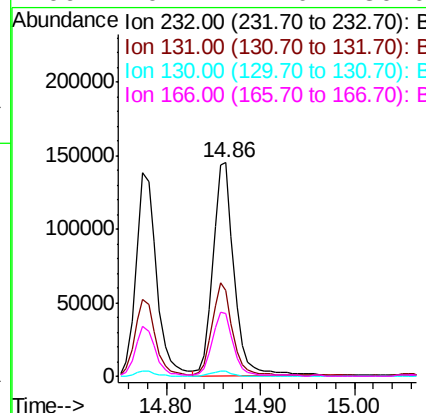
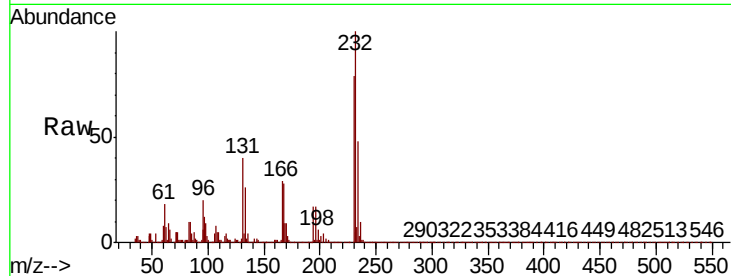




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.320 ng
 RT: 14.86 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: BP002769.D
 Acq: 16 Jul 2020 13:04

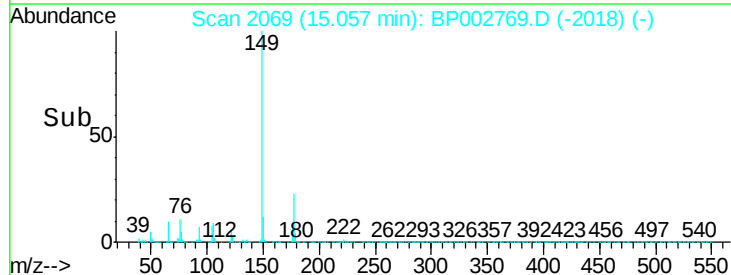
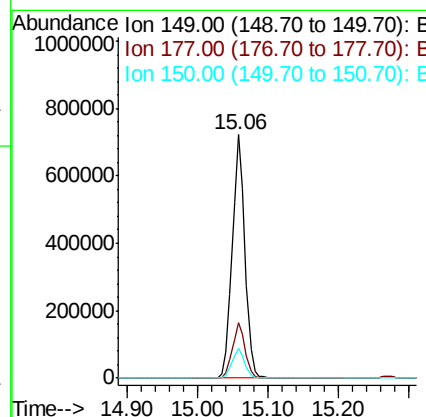
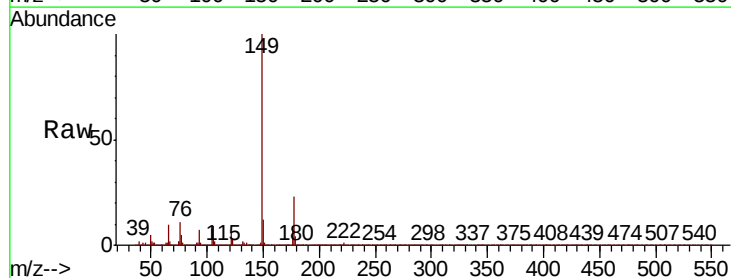
Instrument :
 BNA_P
 ClientSampleId :
 PB130217BS

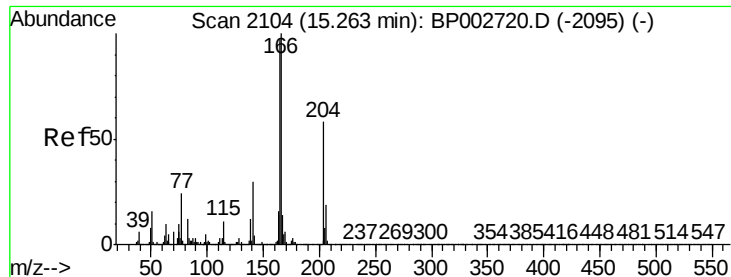
Tot Ion:232	Resp:	228509	
Ion Ratio	Lower	Upper	
232 100			
131 43.0	34.3	51.5	
130 2.3	1.8	2.6	
166 29.7	24.0	36.0	



#60
 Diethylphthalate
 Concen: 38.605 ng
 RT: 15.06 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: BP002769.D
 Acq: 16 Jul 2020 13:04

Tgt	Ion:149	Resp:	899517
Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.9	28.3
150	12.4	10.1	15.1

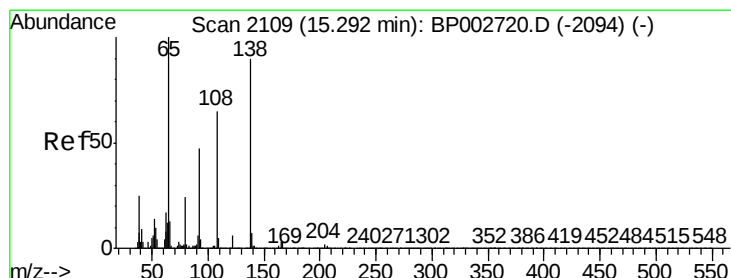
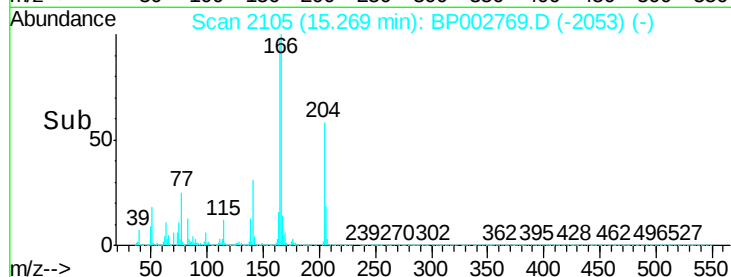
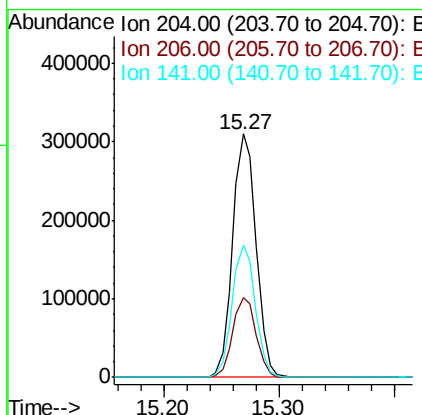
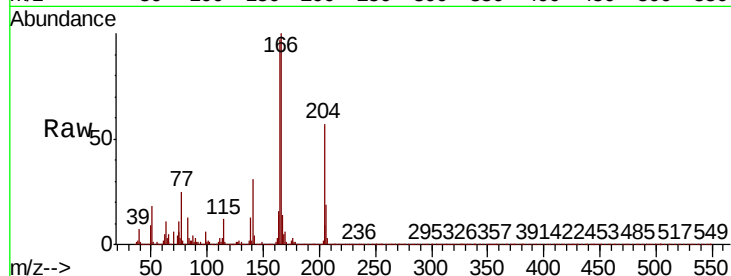




#61
4-Chlorophenyl-phenylether
Concen: 38.361 ng
RT: 15.27 min Scan# 2105
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

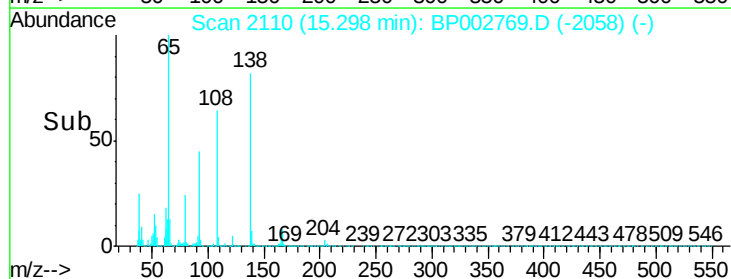
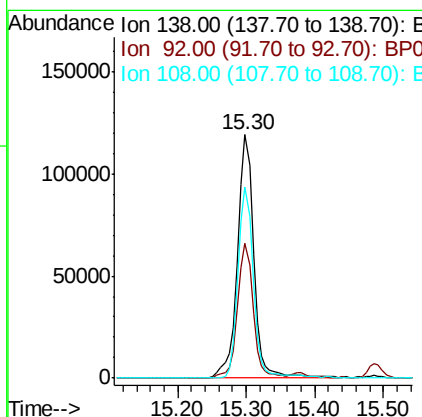
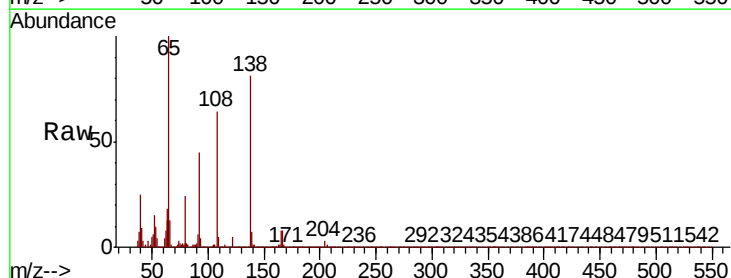
Instrument :
BNA_P
ClientSampleId :
PB130217BS

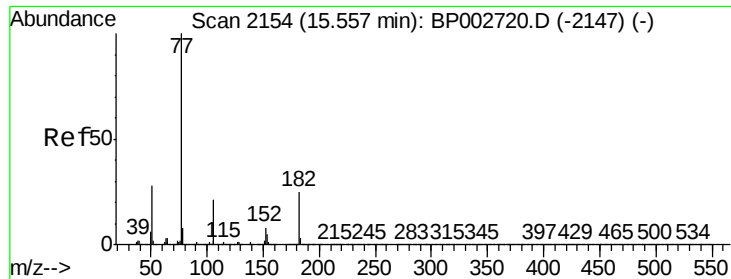
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.1	39.1
141	54.4	41.8	62.8



#62
4-Nitroaniline
Concen: 32.498 ng
RT: 15.30 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.1	32.0	72.0
108	78.4	52.2	92.2

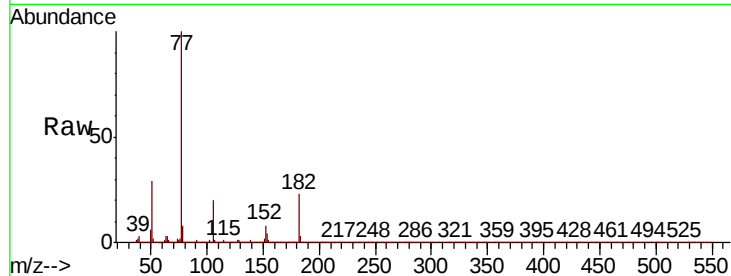




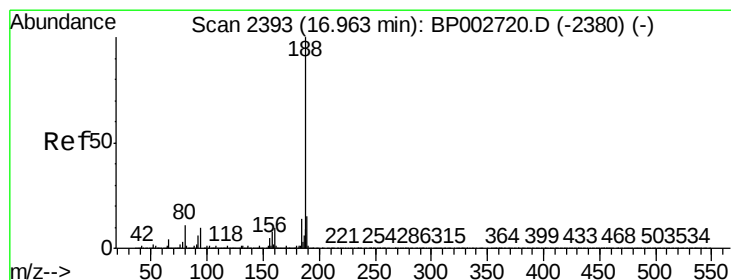
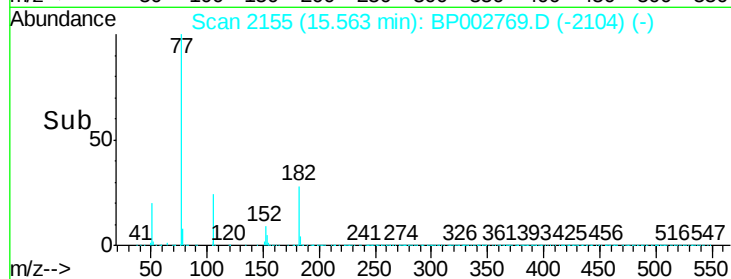
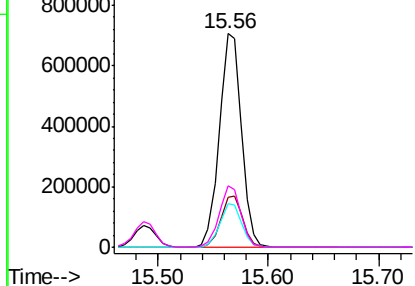
#63
Azobenzene
Concen: 41.038 ng
RT: 15.56 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

Instrument :
BNA_P
ClientSampleId :
PB130217BS

Tot Ion:	77	Resp:	983176
Ion	Ratio	Lower	Upper
77	100		
182	23.3	5.1	45.1
105	20.2	0.8	40.8
51	28.5	7.6	47.6

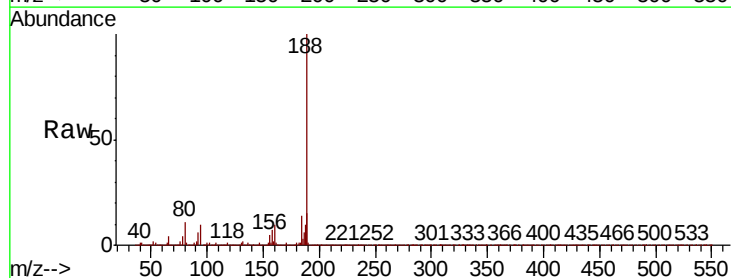


Abundance Ion 77.00 (76.70 to 77.70): BP0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BP0

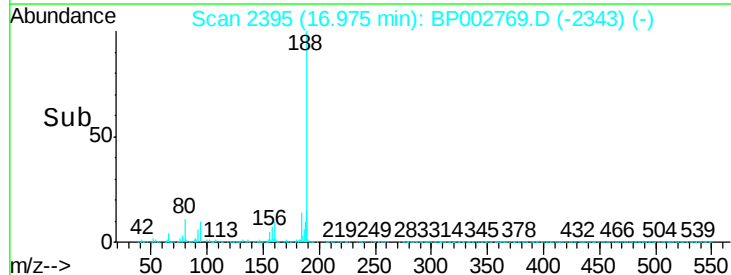
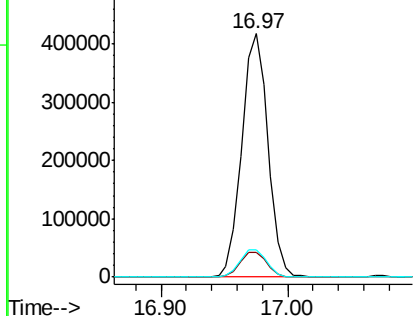


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2395
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

Tgt Ion:	188	Resp:	598259
Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.1	12.1
80	11.4	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

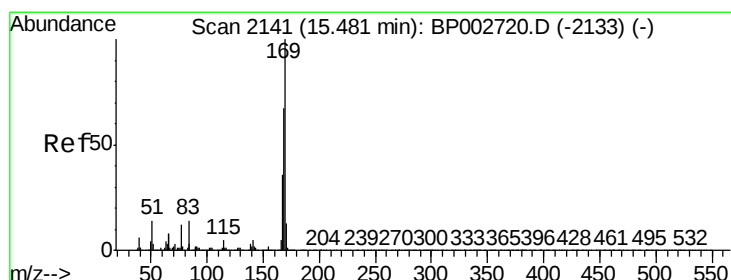
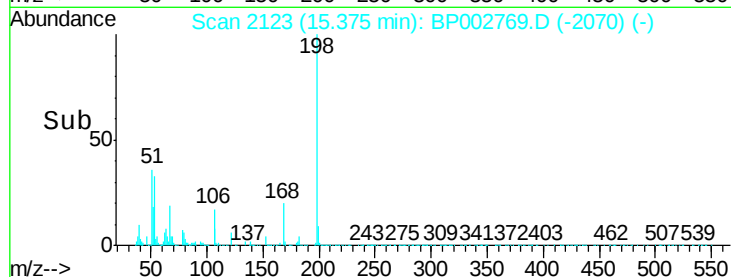
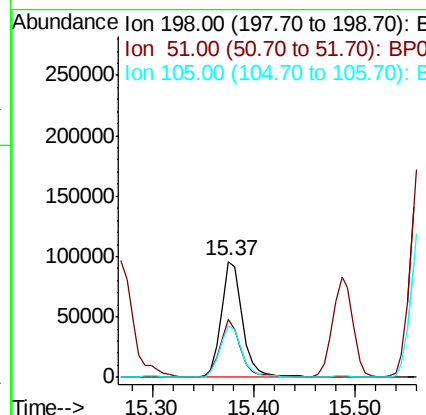
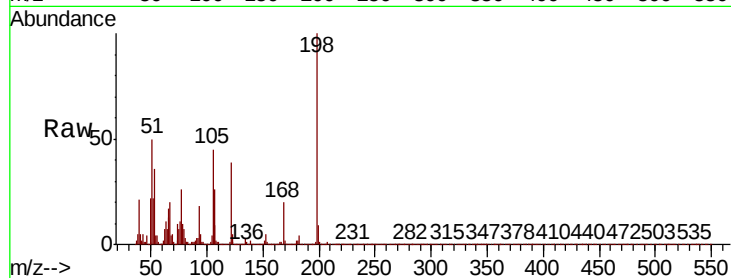




#65
4,6-Dinitro-2-methylphenol
Concen: 40.452 ng
RT: 15.37 min Scan# 2123
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

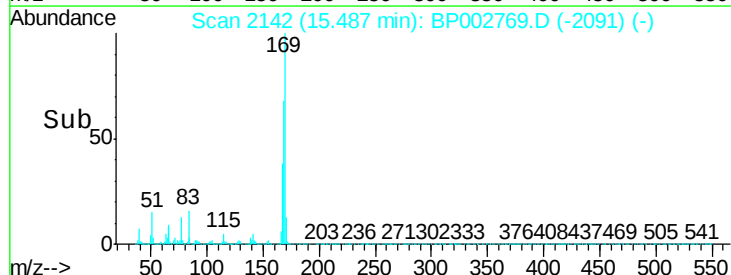
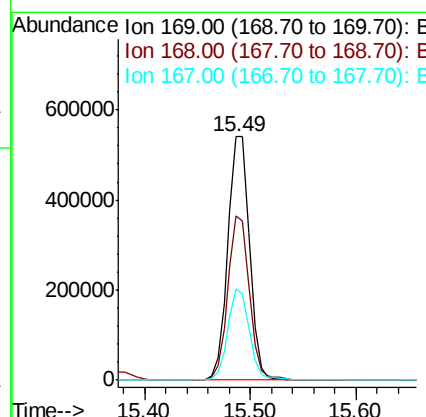
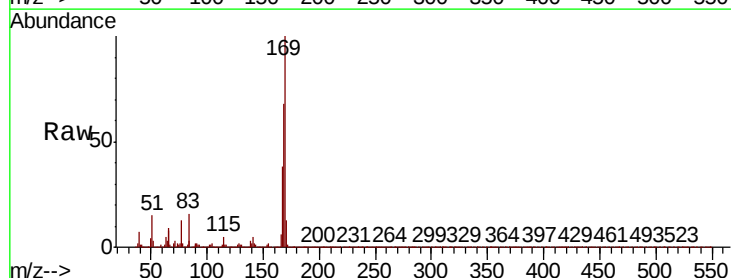
Instrument :
BNA_P
ClientSampleId :
PB130217BS

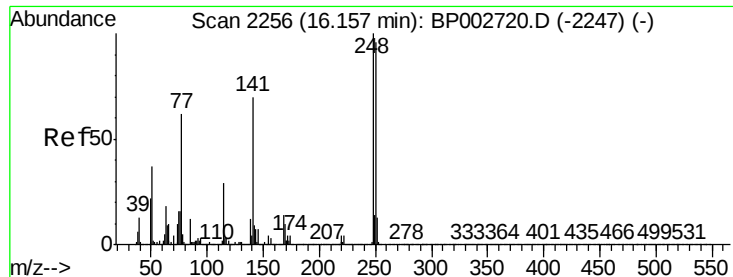
Tot Ion:198 Resp: 141326
Ion Ratio Lower Upper
198 100
51 49.6 27.1 67.1
105 44.7 24.9 64.9



#66
n-Nitrosodiphenylamine
Concen: 43.434 ng
RT: 15.49 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

Tgt Ion:169 Resp: 767598
Ion Ratio Lower Upper
169 100
168 67.6 53.4 80.0
167 37.7 29.2 43.8

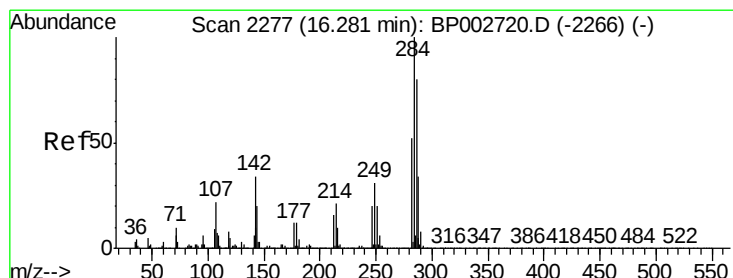
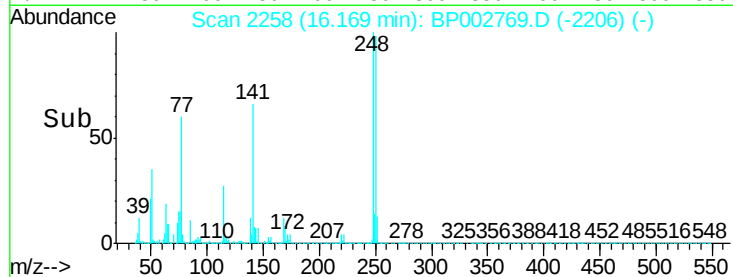
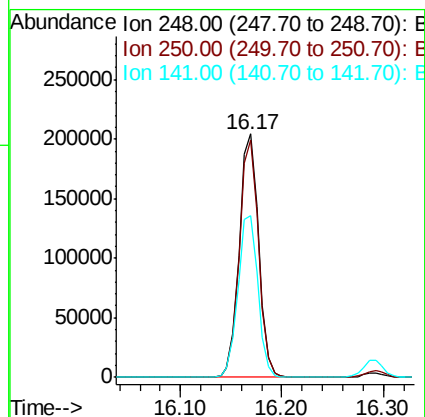
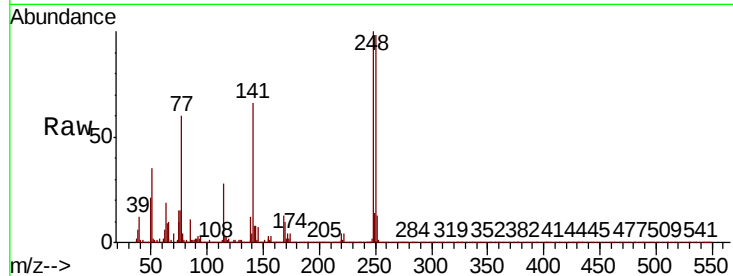




#67
4-Bromophenyl-phenylether
Concen: 41.630 ng
RT: 16.17 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

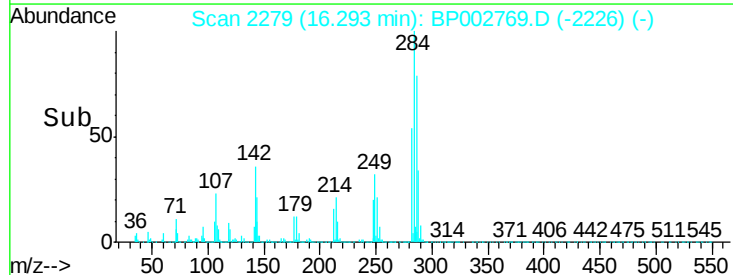
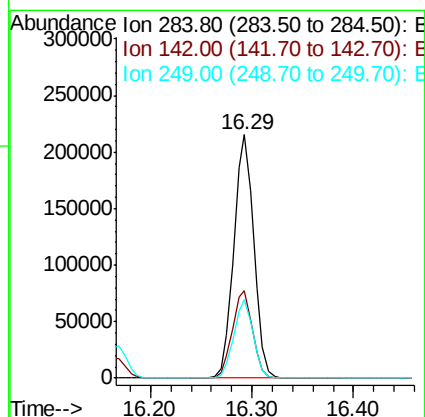
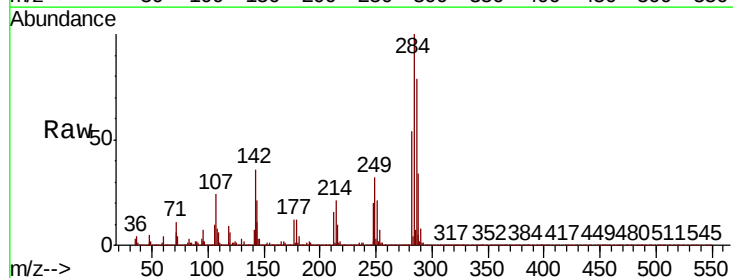
Instrument :
BNA_P
ClientSampleId :
PB130217BS

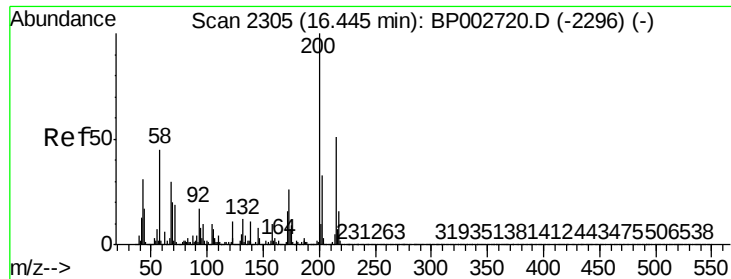
Tot Ion:248 Resp: 271297
Ion Ratio Lower Upper
248 100
250 97.7 76.7 115.1
141 66.4 55.9 83.9



#68
Hexachlorobenzene
Concen: 42.809 ng
RT: 16.29 min Scan# 2279
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

Tgt Ion:284 Resp: 293932
Ion Ratio Lower Upper
284 100
142 35.9 26.9 40.3
249 32.3 24.6 37.0

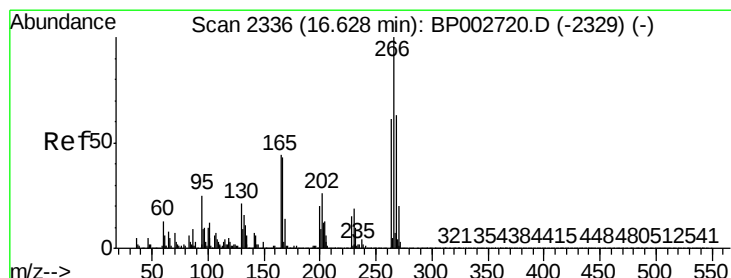
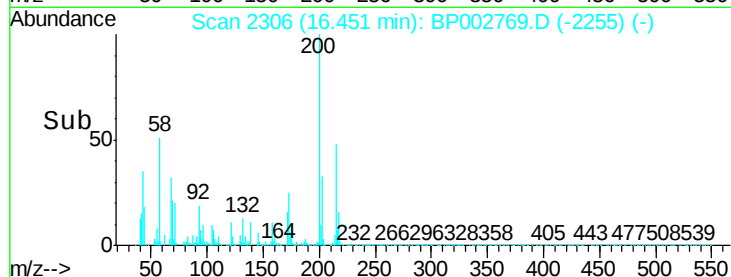
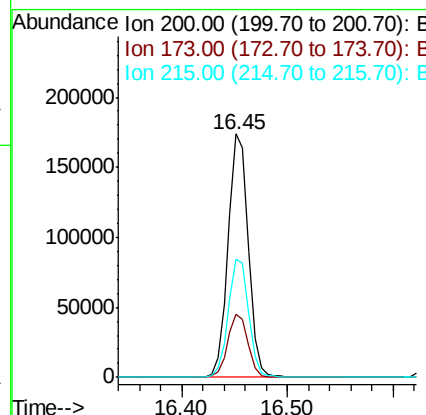
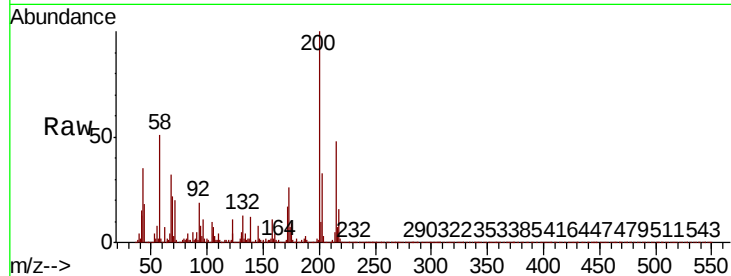




#69
 Atrazine
 Concen: 48.007 ng
 RT: 16.45 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: BP002769.D
 Acq: 16 Jul 2020 13:04

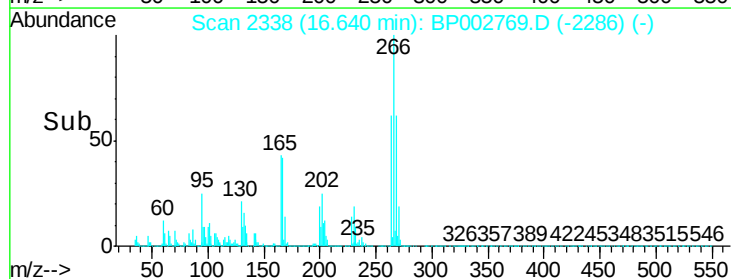
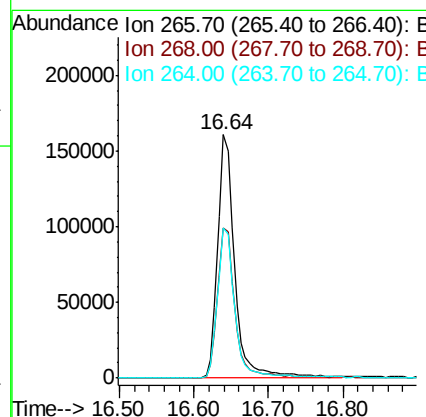
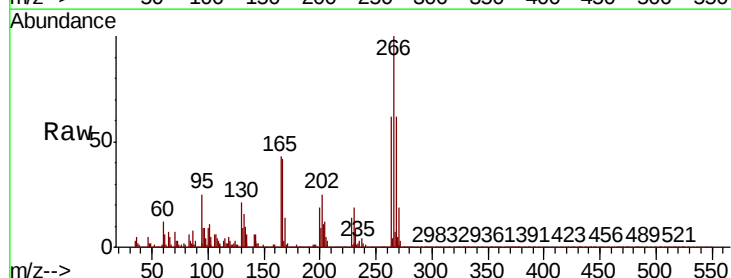
Instrument :
 BNA_P
 ClientSampleId :
 PB130217BS

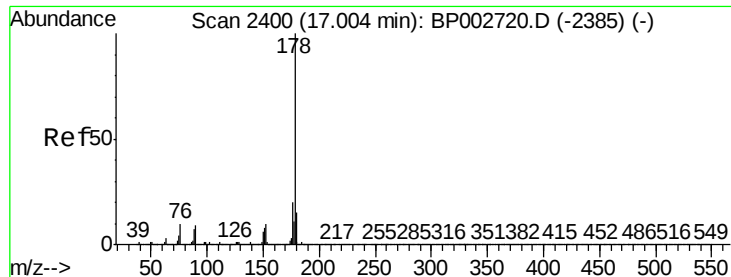
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	6.3	46.3
215	48.4	30.6	70.6



#70
 Pentachlorophenol
 Concen: 77.425 ng
 RT: 16.64 min Scan# 2338
 Delta R.T. 0.01 min
 Lab File: BP002769.D
 Acq: 16 Jul 2020 13:04

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.6	50.6	75.8
264	61.7	48.6	72.8

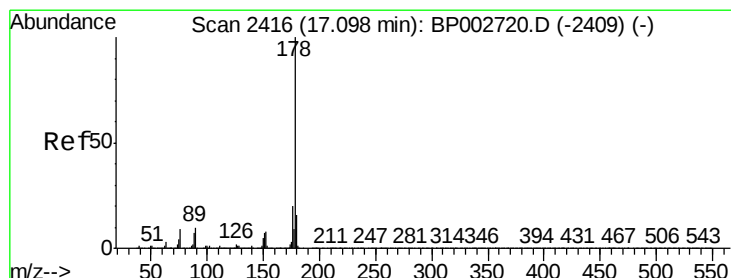
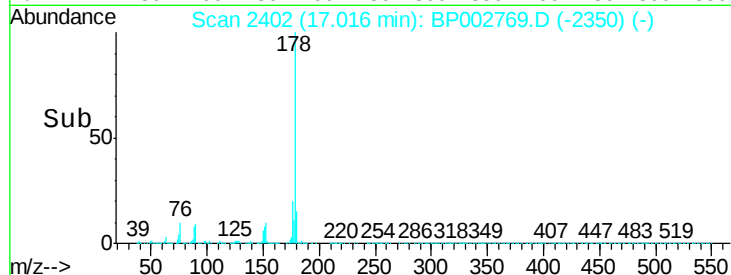
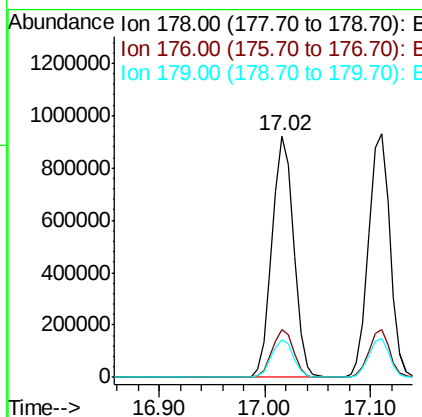
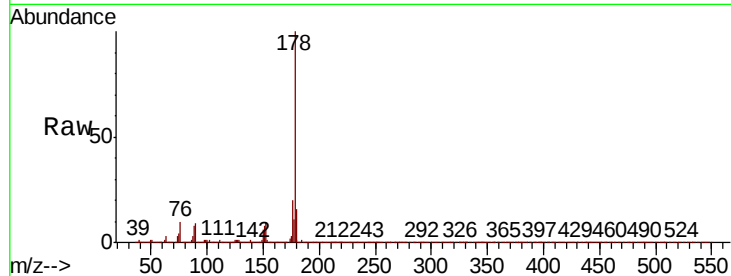




#71
Phenanthrene
Concen: 40.154 ng
RT: 17.02 min Scan# 2402
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

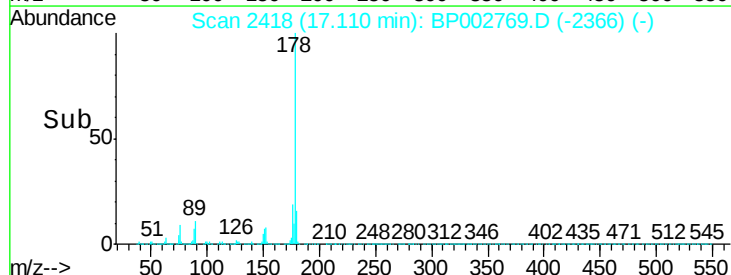
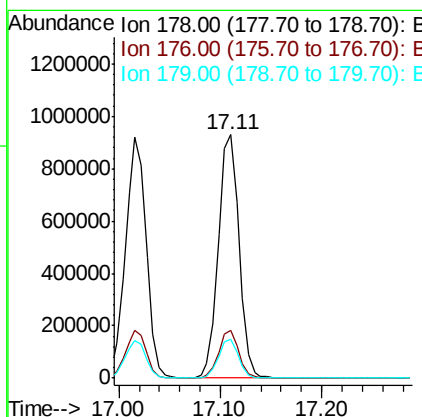
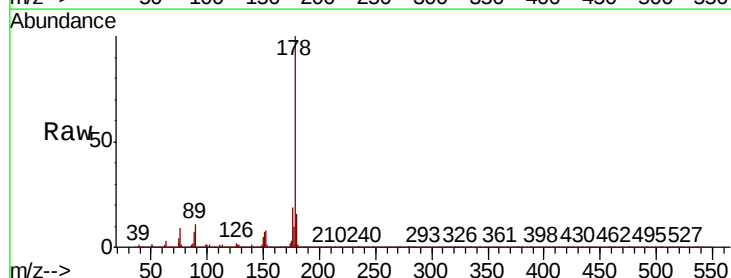
Instrument :
BNA_P
ClientSampleId :
PB130217BS

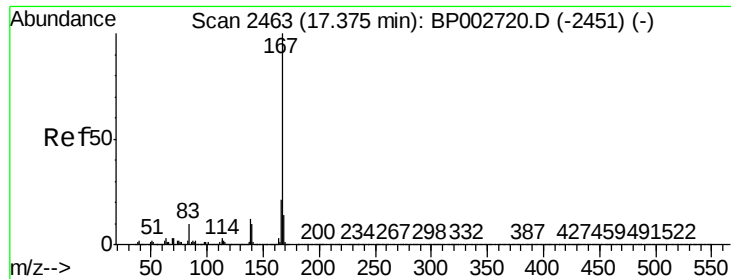
Tot Ion:178 Resp: 1300663
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 15.5 12.3 18.5



#72
Anthracene
Concen: 41.568 ng
RT: 17.11 min Scan# 2418
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

Tgt Ion:178 Resp: 1321281
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.7 12.6 19.0

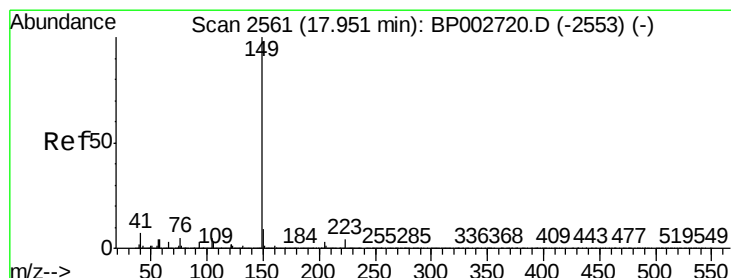
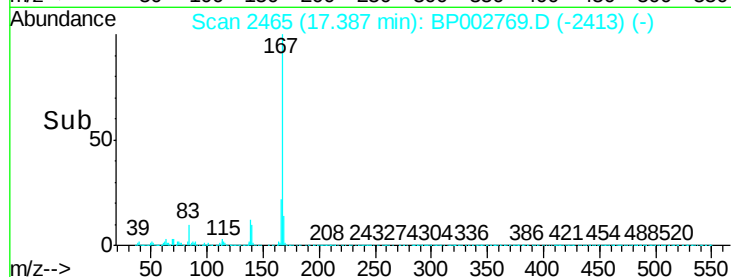
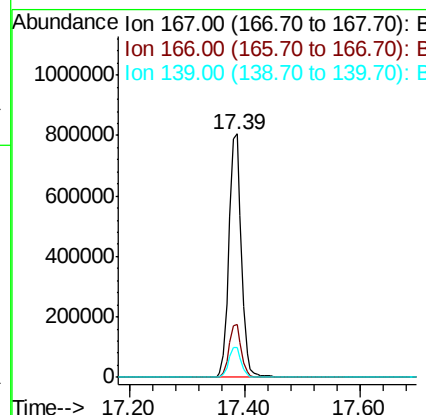
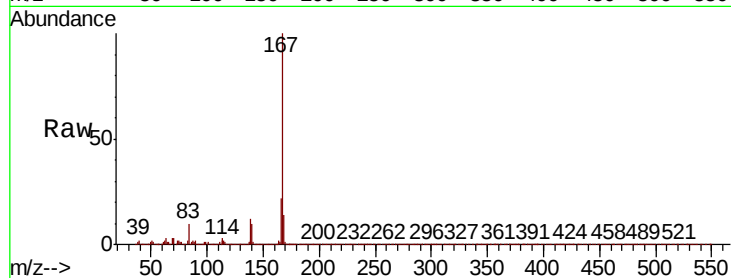




#73
 Carbazole
 Concen: 38.358 ng
 RT: 17.39 min Scan# 2465
 Delta R.T. 0.01 min
 Lab File: BP002769.D
 Acq: 16 Jul 2020 13:04

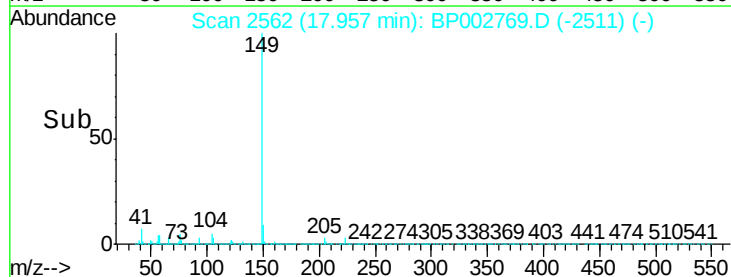
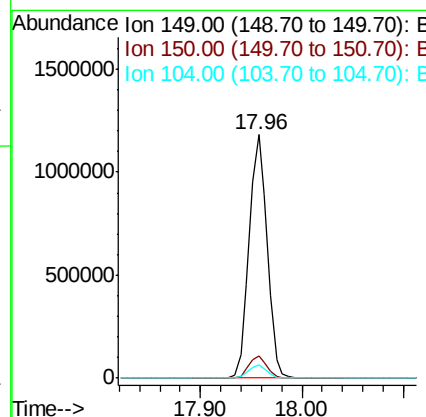
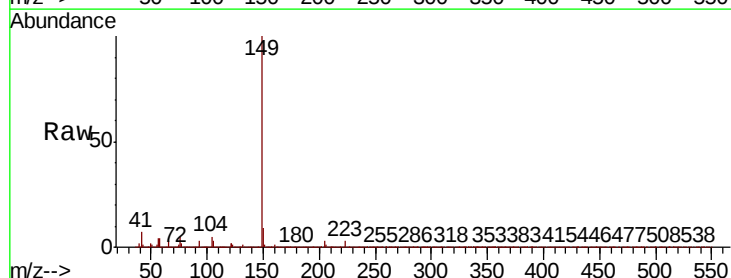
Instrument :
 BNA_P
 ClientSampleId :
 PB130217BS

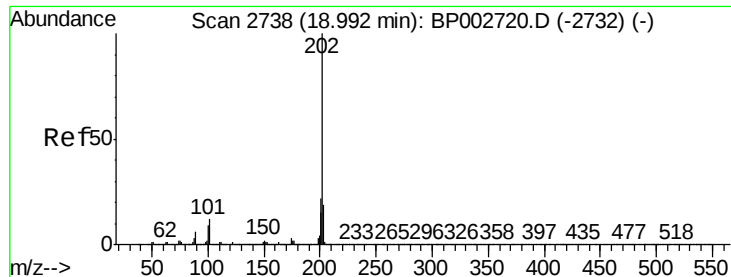
Tot Ion:167 Resp: 1196478
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.1 25.7
 139 12.5 9.6 14.4



#74
 Di-n-butylphthalate
 Concen: 43.249 ng
 RT: 17.96 min Scan# 2562
 Delta R.T. 0.00 min
 Lab File: BP002769.D
 Acq: 16 Jul 2020 13:04

Tgt Ion:149 Resp: 1463061
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.2 4.0 6.0





#75

Fluoranthene

Concen: 39.941 ng

RT: 19.00 min Scan# 2740

Delta R.T. 0.01 min

Lab File: BP002769.D

Acq: 16 Jul 2020 13:04

Instrument :

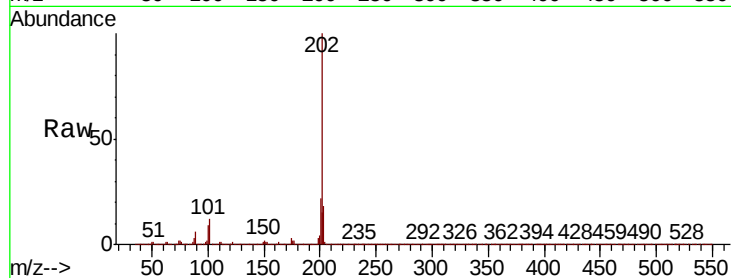
BNA_P

ClientSampled :

PB130217BS

Tot Ion:202 Resp: 1499118

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.5
203	17.6	0.0	38.6

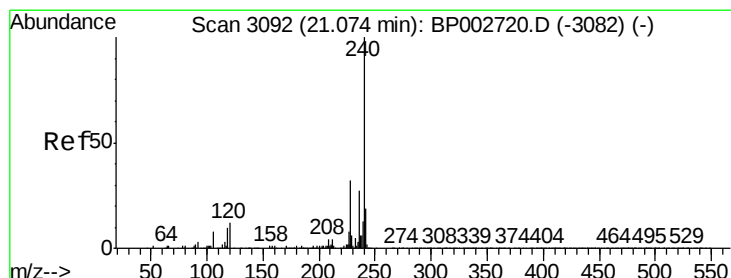
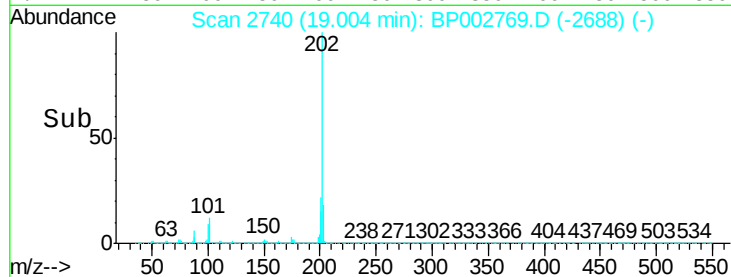


Abundance

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.08 min Scan# 3093

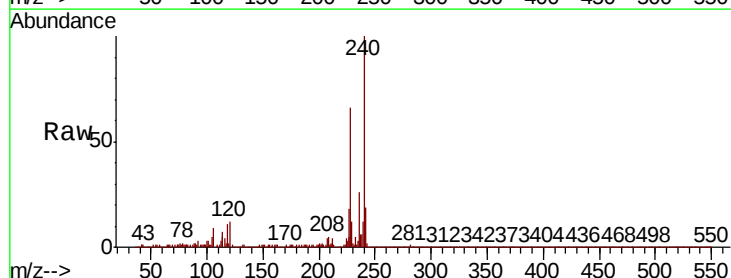
Delta R.T. 0.01 min

Lab File: BP002769.D

Acq: 16 Jul 2020 13:04

Tgt Ion:240 Resp: 467859

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.4	14.2
236	26.2	21.3	31.9

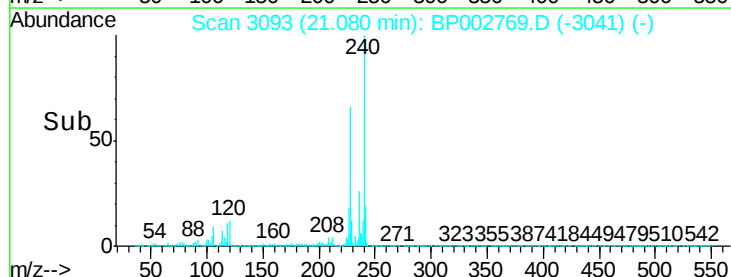


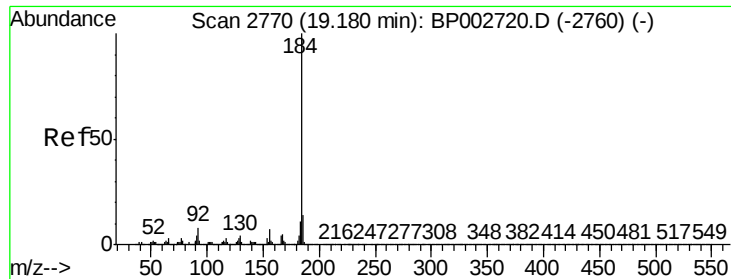
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.334 ng

RT: 19.19 min Scan# 2771

Delta R.T. 0.01 min

Lab File: BP002769.D

Acq: 16 Jul 2020 13:04

Instrument :

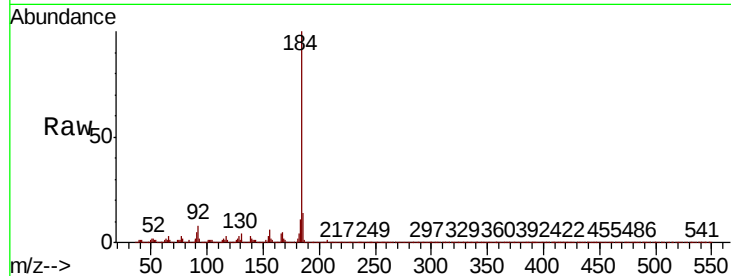
BNA_P

ClientSampleId :

PB130217BS

Tot Ion:184 Resp: 525724

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.4	17.2
183	11.2	9.0	13.4

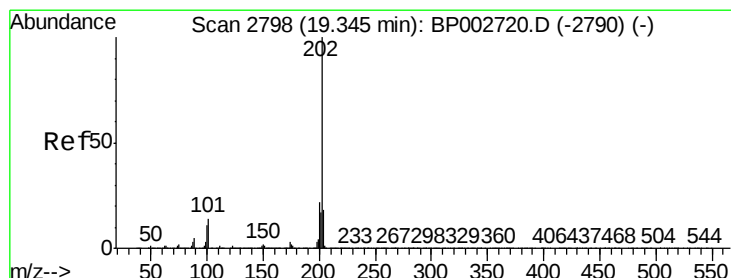
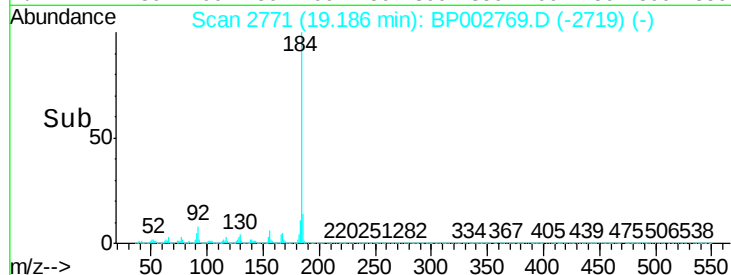
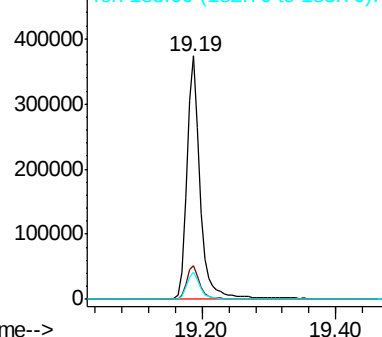


Abundance

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: 46.413 ng

RT: 19.36 min Scan# 2800

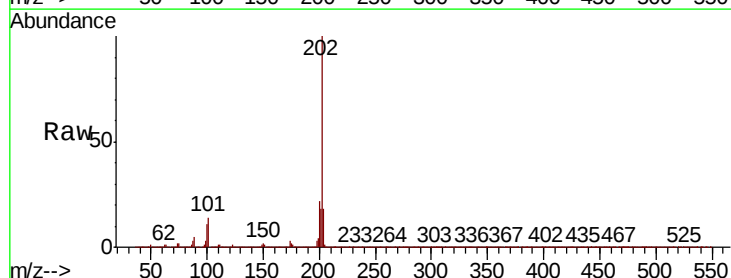
Delta R.T. 0.01 min

Lab File: BP002769.D

Acq: 16 Jul 2020 13:04

Tgt Ion:202 Resp: 1499252

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.7	26.5
203	18.1	14.5	21.7

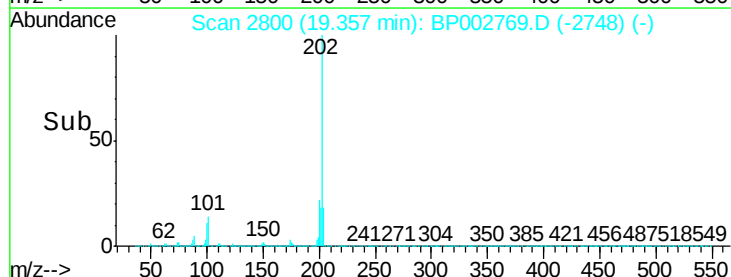
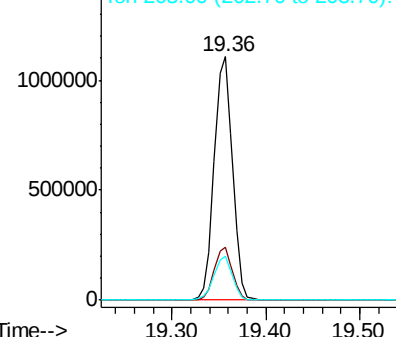


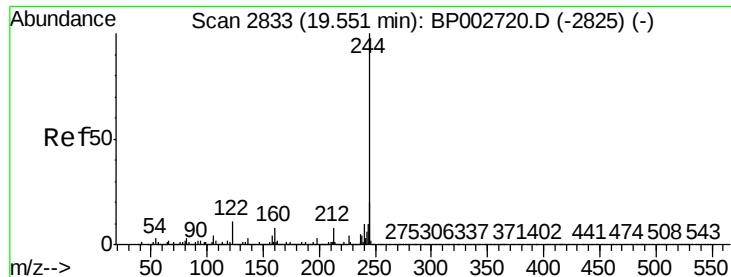
Abundance

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: 93.239 ng

RT: 19.56 min Scan# 2835

Delta R.T. 0.01 min

Lab File: BP002769.D

Acq: 16 Jul 2020 13:04

Instrument :

BNA_P

ClientSampleId :

PB130217BS

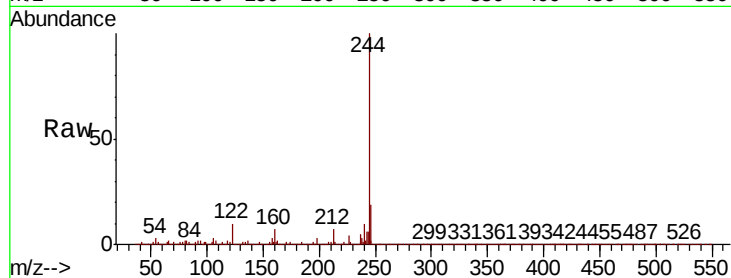
Tot Ion:244 Resp: 1902661

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

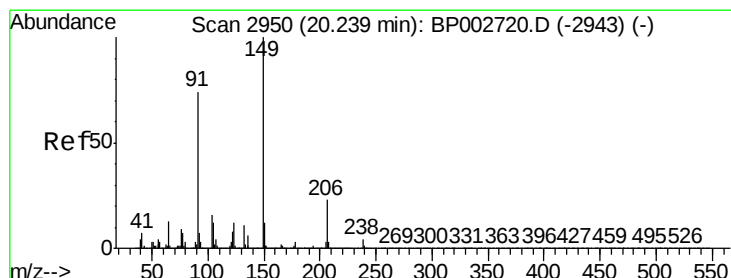
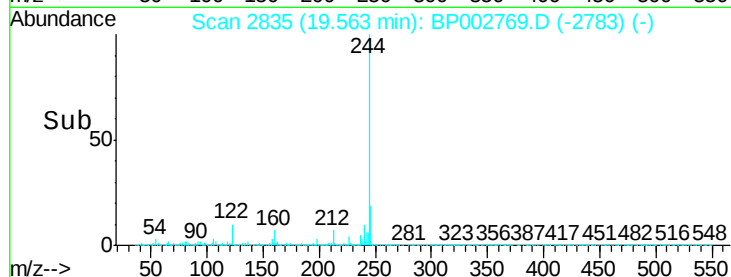
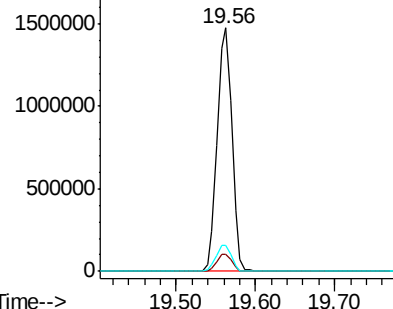
122 10.5 8.9 13.3



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: 49.392 ng

RT: 20.25 min Scan# 2951

Delta R.T. 0.01 min

Lab File: BP002769.D

Acq: 16 Jul 2020 13:04

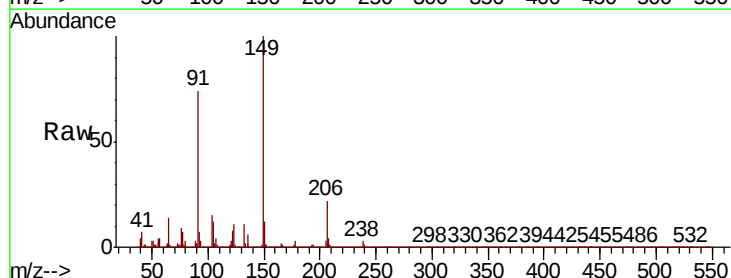
Tgt Ion:149 Resp: 629608

Ion Ratio Lower Upper

149 100

91 73.7 59.4 89.2

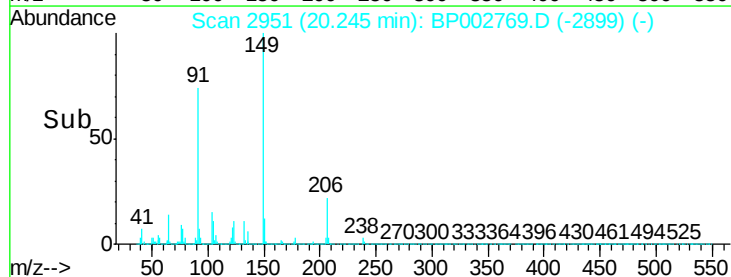
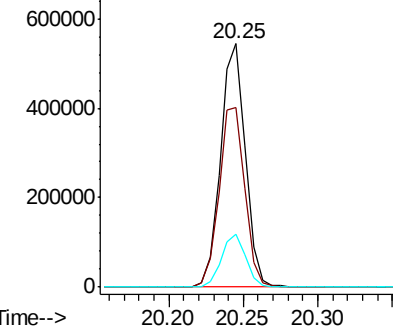
206 21.9 18.3 27.5

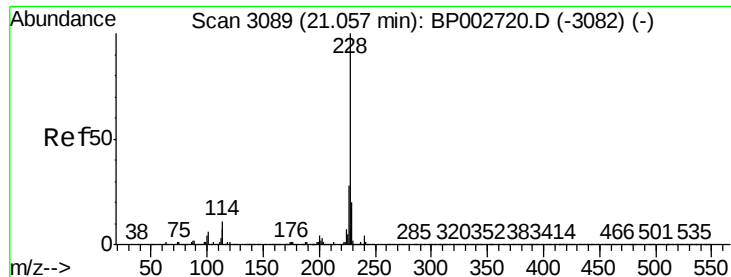


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.529 ng

RT: 21.07 min Scan# 3091

Delta R.T. 0.01 min

Lab File: BP002769.D

Acq: 16 Jul 2020 13:04

Instrument :

BNA_P

ClientSampled :

PB130217BS

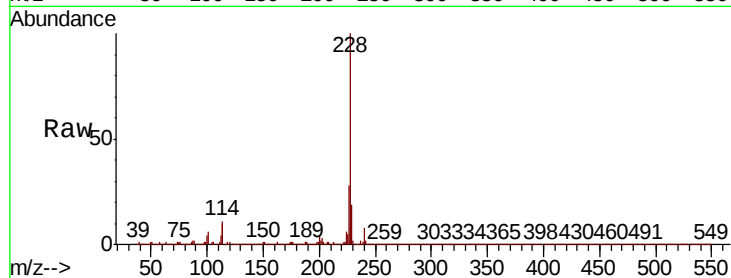
Tot Ion:228 Resp: 1257752

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	34.0
229	19.4	16.0	24.0

228 100

226 27.7 22.6 34.0

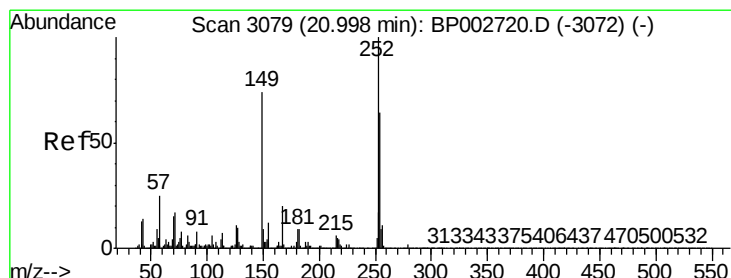
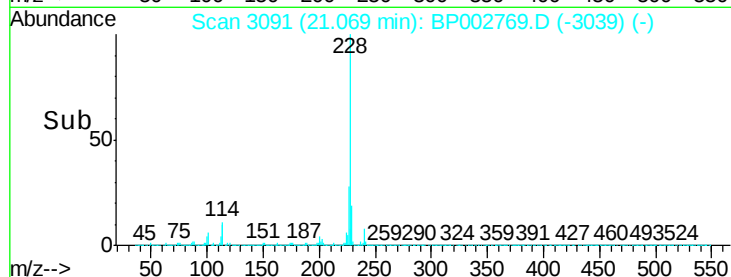
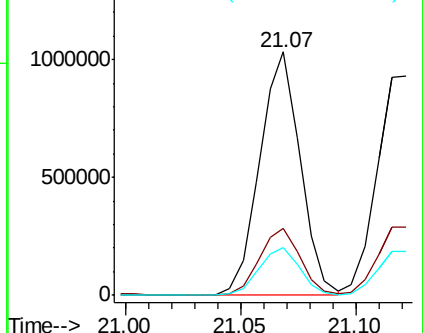
229 19.4 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 43.456 ng

RT: 21.00 min Scan# 3080

Delta R.T. 0.01 min

Lab File: BP002769.D

Acq: 16 Jul 2020 13:04

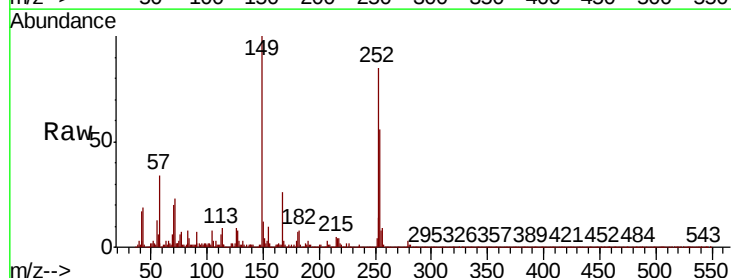
Tgt Ion:252 Resp: 435868

Ion	Ratio	Lower	Upper
252	100		
254	65.7	51.0	76.4
126	10.4	8.4	12.6

252 100

254 65.7 51.0 76.4

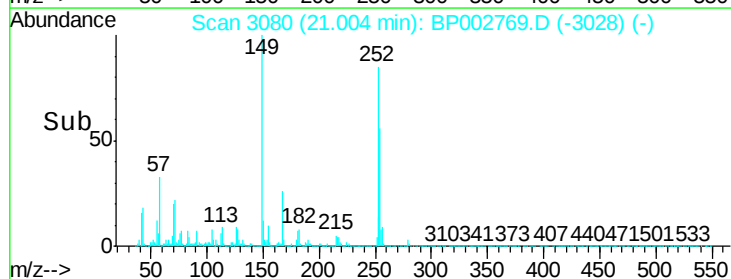
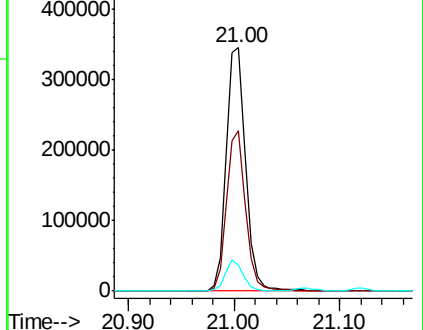
126 10.4 8.4 12.6

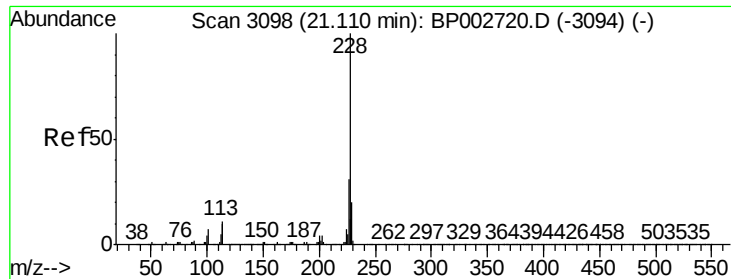


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.794 ng

RT: 21.12 min Scan# 3100

Delta R.T. 0.01 min

Lab File: BP002769.D

Acq: 16 Jul 2020 13:04

Instrument :

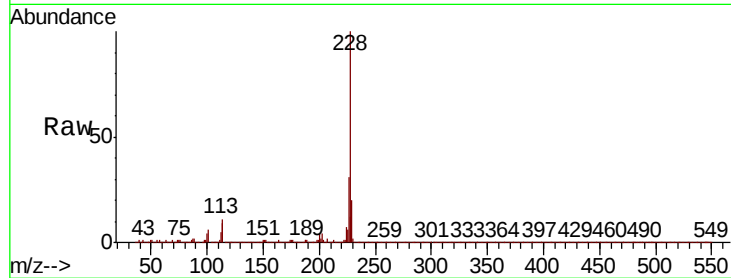
BNA_P

ClientSampleId :

PB130217BS

Tot Ion:228 Resp: 1204881

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.6	37.0
229	19.9	15.7	23.5

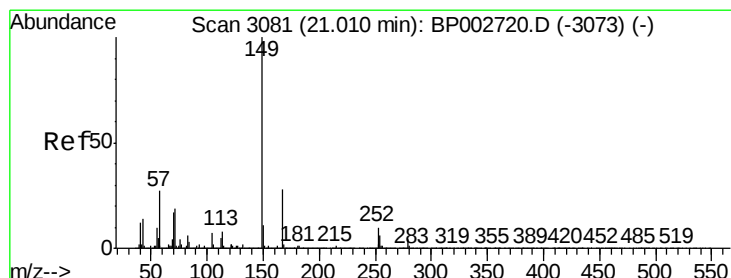
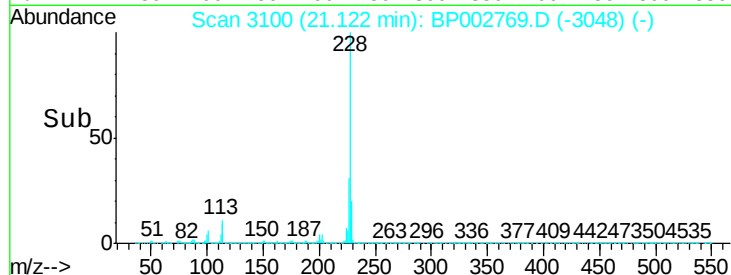
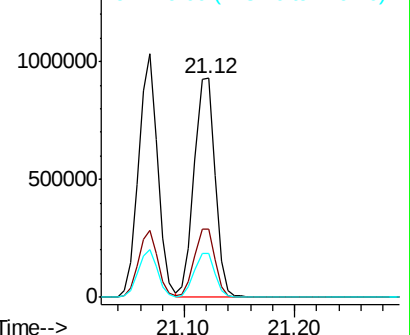


Abundance

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: 46.877 ng

RT: 21.01 min Scan# 3081

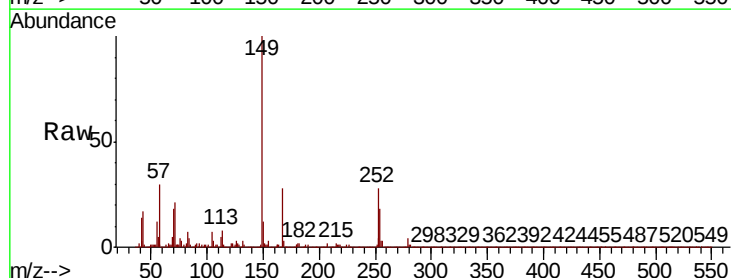
Delta R.T. 0.00 min

Lab File: BP002769.D

Acq: 16 Jul 2020 13:04

Tgt Ion:149 Resp: 831088

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.4	33.6
279	4.4	3.5	5.3

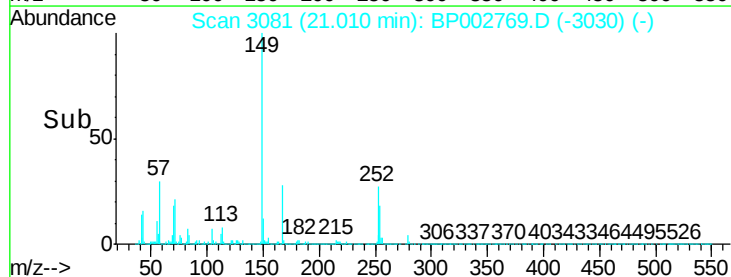
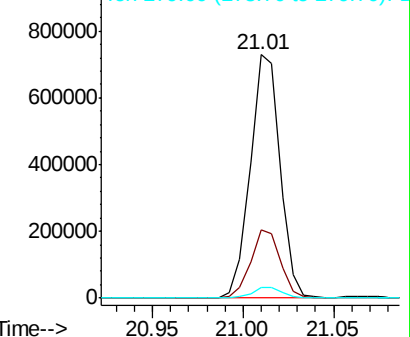


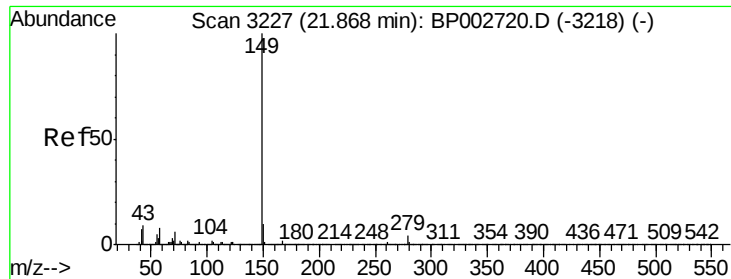
Abundance

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

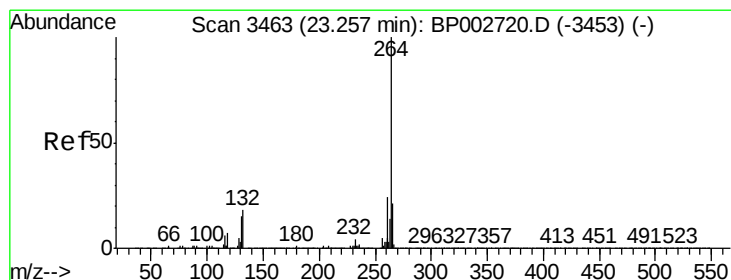
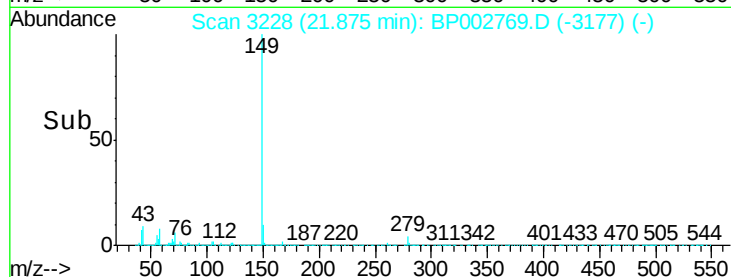
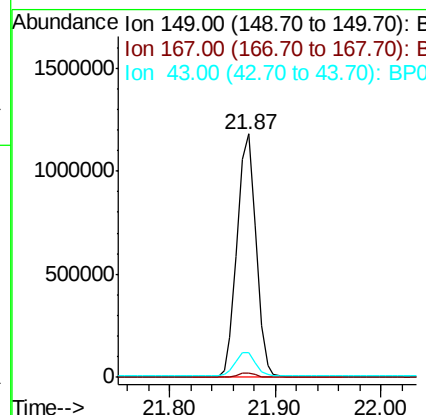
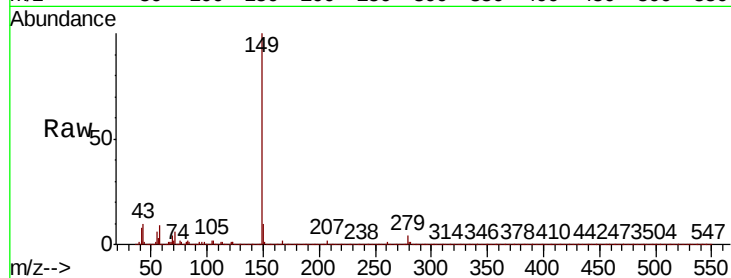




#85
Di-n-octyl phthalate
Concen: 45.473 ng
RT: 21.87 min Scan# 3228
Delta R.T. 0.00 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

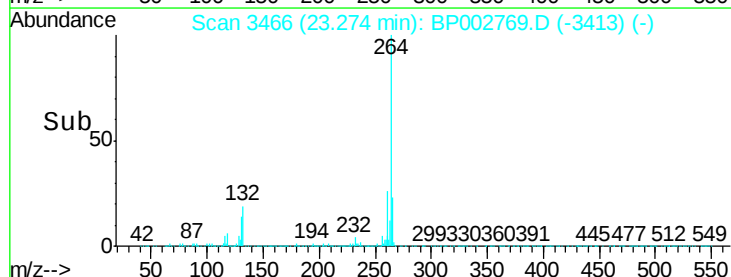
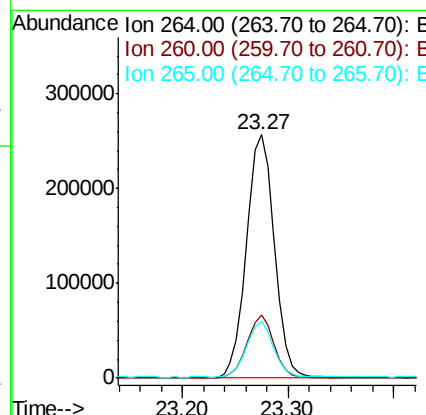
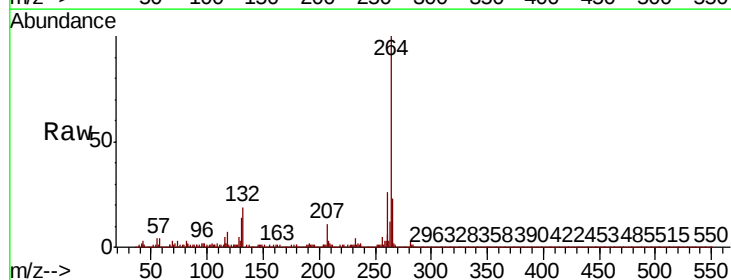
Instrument :
BNA_P
ClientSampleId :
PB130217BS

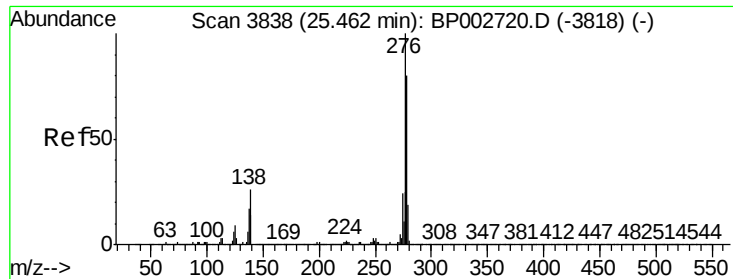
Tot Ion:149 Resp: 1449432
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.9 8.2 12.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.27 min Scan# 3466
Delta R.T. 0.01 min
Lab File: BP002769.D
Acq: 16 Jul 2020 13:04

Tgt Ion:264 Resp: 471005
Ion Ratio Lower Upper
264 100
260 25.9 19.3 28.9
265 23.2 16.8 25.2

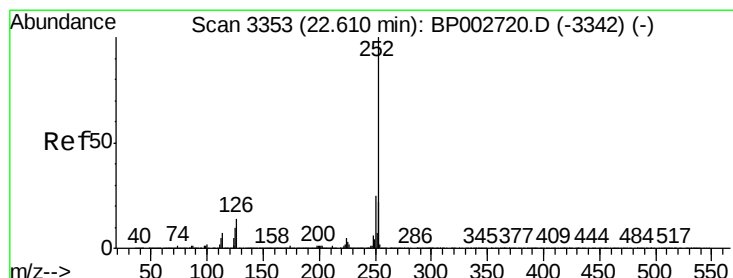
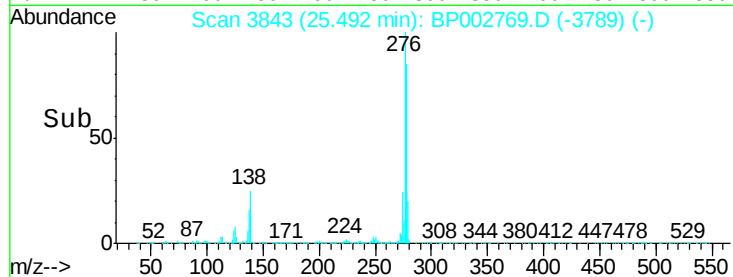
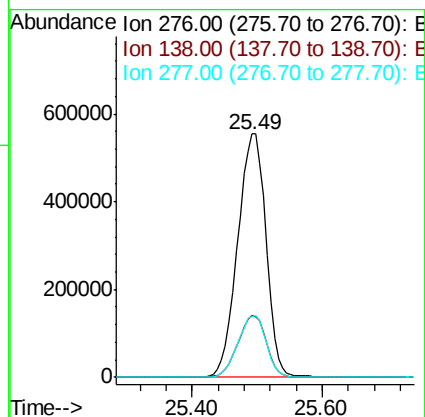
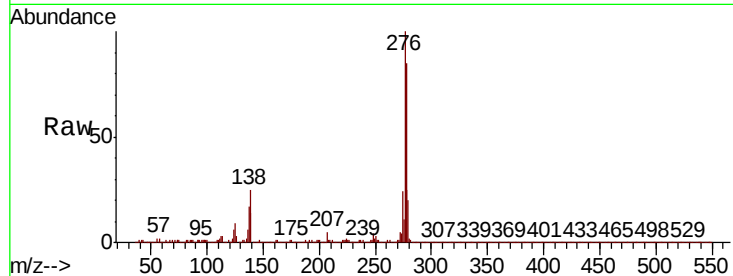




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.166 ng
 RT: 25.49 min Scan# 3843
 Delta R.T. 0.02 min
 Lab File: BP002769.D
 Acq: 16 Jul 2020 13:04

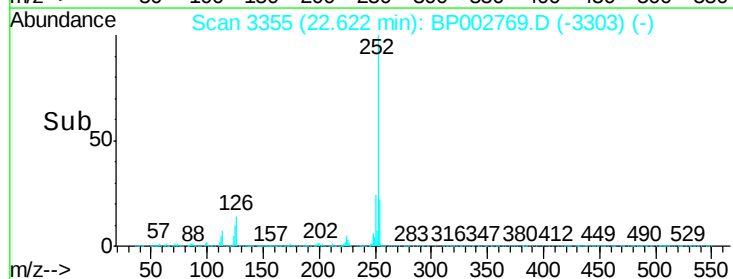
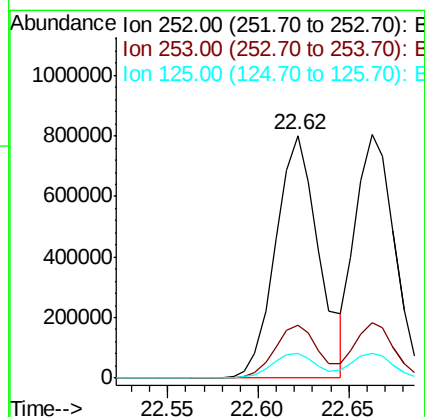
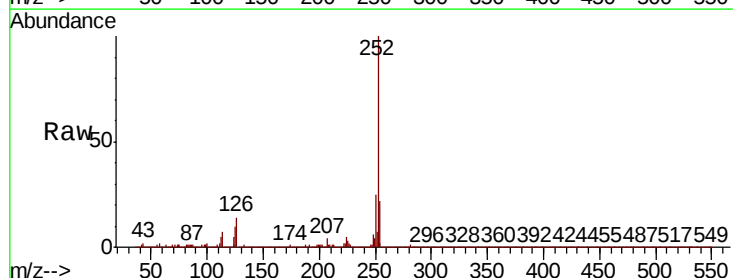
Instrument :
 BNA_P
 ClientSampleId :
 PB130217BS

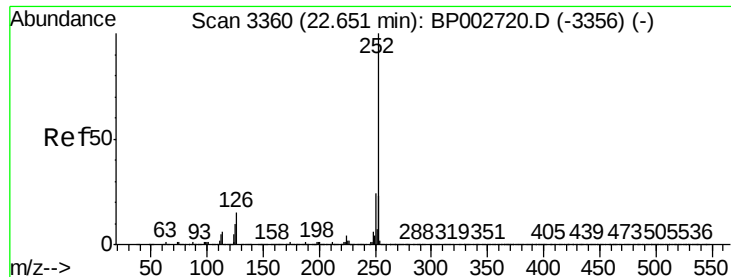
Tot Ion:276 Resp: 1673730
 Ion Ratio Lower Upper
 276 100
 138 25.2 20.8 31.2
 277 25.2 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 45.570 ng
 RT: 22.62 min Scan# 3355
 Delta R.T. 0.01 min
 Lab File: BP002769.D
 Acq: 16 Jul 2020 13:04

Tgt Ion:252 Resp: 1332788
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.7 26.5
 125 10.0 8.2 12.2





#89

Benzo(k)fluoranthene

Concen: 41.945 ng

RT: 22.66 min Scan# 3362

Delta R.T. 0.01 min

Lab File: BP002769.D

Acq: 16 Jul 2020 13:04

Instrument :

BNA_P

ClientSampled :

PB130217BS

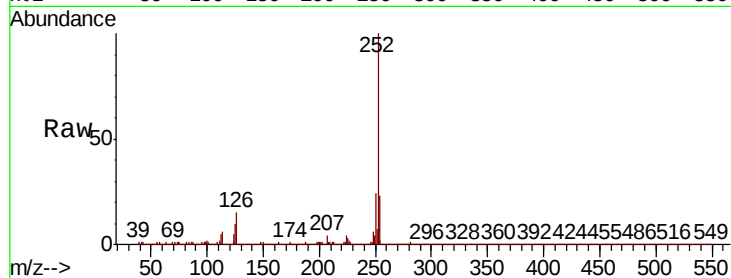
Tot Ion:252 Resp: 1208347

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

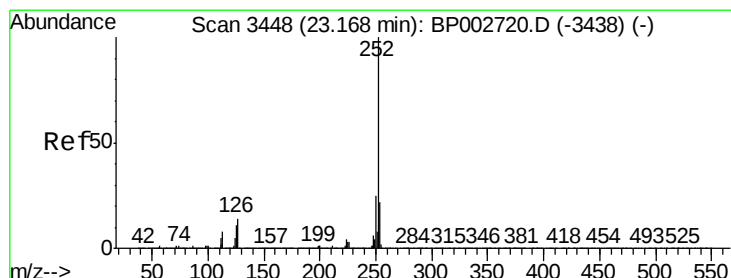
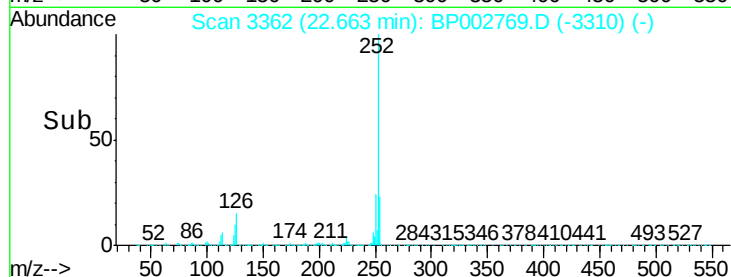
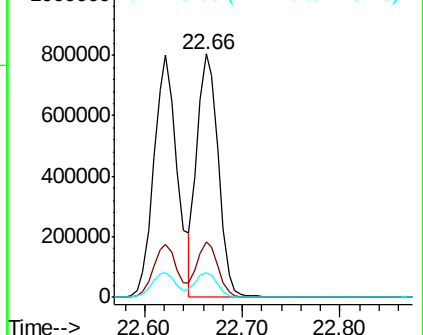
125 10.4 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 43.622 ng

RT: 23.18 min Scan# 3450

Delta R.T. 0.01 min

Lab File: BP002769.D

Acq: 16 Jul 2020 13:04

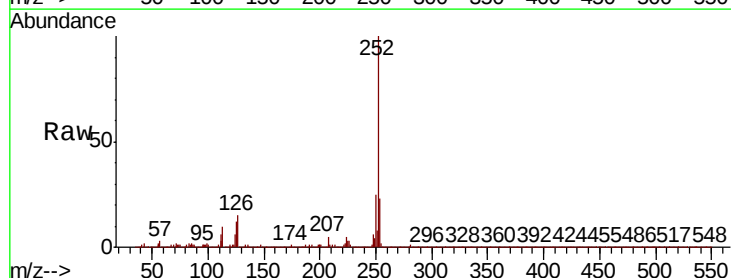
Tgt Ion:252 Resp: 1208988

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

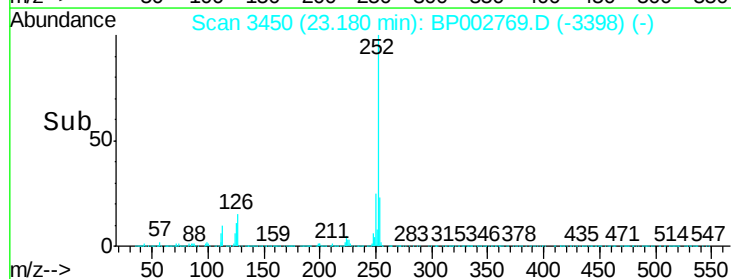
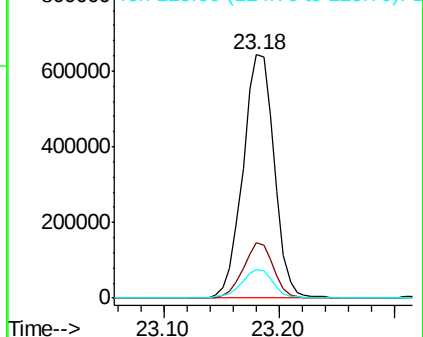
125 11.8 8.6 13.0

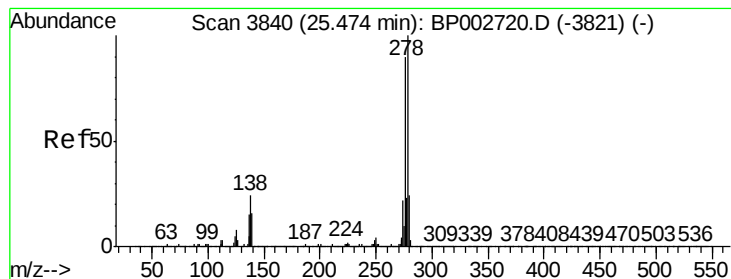


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 50.498 ng

RT: 25.50 min Scan# 3845

Delta R.T. 0.02 min

Lab File: BP002769.D

Acq: 16 Jul 2020 13:04

Instrument :

BNA_P

ClientSampleId :

PB130217BS

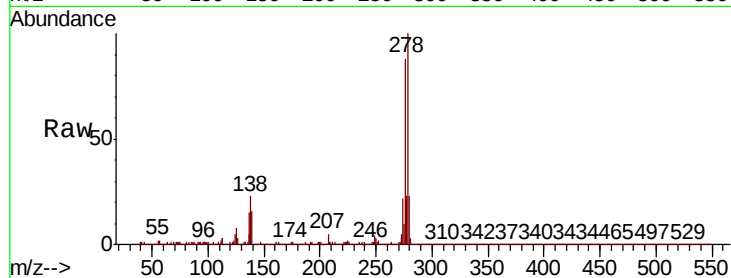
Tot Ion:278 Resp: 1386393

Ion Ratio Lower Upper

278 100

139 16.1 13.1 19.7

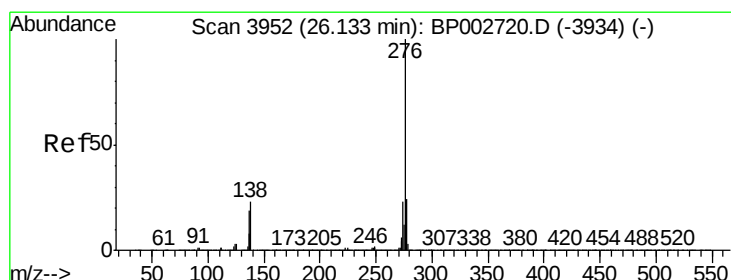
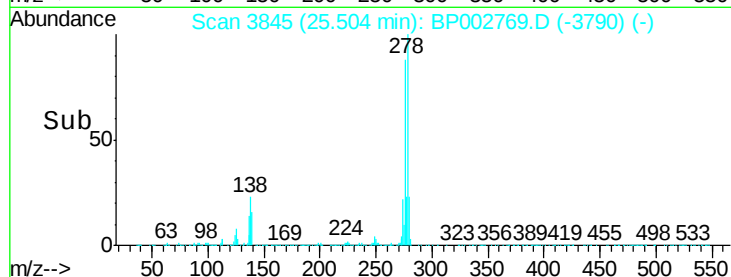
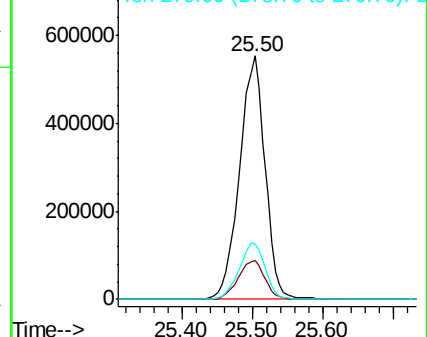
279 22.9 19.0 28.6



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: 50.559 ng

RT: 26.16 min Scan# 3957

Delta R.T. 0.02 min

Lab File: BP002769.D

Acq: 16 Jul 2020 13:04

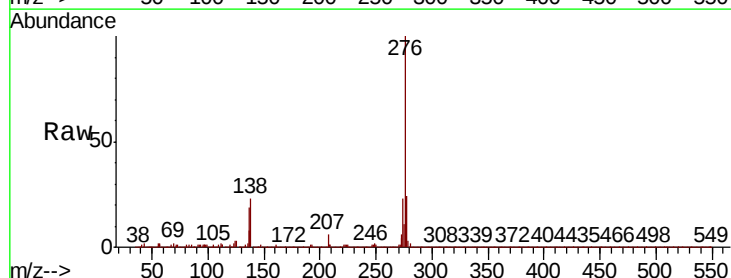
Tgt Ion:276 Resp: 1407343

Ion Ratio Lower Upper

276 100

277 23.8 19.1 28.7

138 22.7 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

