

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
 Data File : BP002703.D
 Acq On : 09 Jul 2020 18:31
 Operator : CG/JU
 Sample : PB130070BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB130070BS

Quant Time: Jul 09 19:11:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	83801	20.00	ng	-0.01
21) Naphthalene-d8	10.34	136	396767	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	287342	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	704605	20.00	ng	0.00
76) Chrysene-d12	21.09	240	787182	20.00	ng	0.00
86) Perylene-d12	23.28	264	937041	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	859429	173.64	ng	0.00
7) Phenol-d6	6.77	99	1229752	178.01	ng	0.00
23) Nitrobenzene-d5	8.71	82	725392	94.20	ng	-0.01
42) 2,4,6-Tribromophenol	15.72	330	483880	138.45	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	1691753	86.66	ng	-0.01
79) Terphenyl-d14	19.56	244	3108698	85.24	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	77194	36.389	ng	99
3) Pyridine	3.52	79	252195	40.112	ng	98
4) n-Nitrosodimethylamine	3.43	42	118696	44.475	ng	# 86
6) Aniline	6.90	93	407691	46.977	ng	99
8) 2-Chlorophenol	7.14	128	322143	58.592	ng	96
9) Benzaldehyde	6.72	77	98638	25.135	ng	97
10) Phenol	6.79	94	457918	65.731	ng	94
11) bis(2-Chloroethyl)ether	7.00	93	309997	54.215	ng	99
12) 1,3-Dichlorobenzene	7.46	146	296225	46.691	ng	99
13) 1,4-Dichlorobenzene	7.60	146	304814	47.159	ng	99
14) 1,2-Dichlorobenzene	7.92	146	297533	47.822	ng	100
15) Benzyl Alcohol	7.81	79	280703	54.076	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.10	45	423028	53.101	ng	99
17) 2-Methylphenol	8.03	107	294280	56.435	ng	97
18) Hexachloroethane	8.63	117	105965	45.424	ng	98
19) n-Nitroso-di-n-propylamine	8.37	70	250718	55.314	ng	97
20) 3+4-Methylphenols	8.36	107	404665	57.561	ng	97
22) Acetophenone	8.38	105	473567	47.156	ng	# 97
24) Nitrobenzene	8.75	77	379034	46.503	ng	100
25) Isophorone	9.27	82	735880	47.680	ng	98
26) 2-Nitrophenol	9.46	139	172132	46.306	ng	95
27) 2,4-Dimethylphenol	9.54	122	319374	56.700	ng	96
28) bis(2-Chloroethoxy)methane	9.76	93	450422	50.806	ng	100
29) 2,4-Dichlorophenol	10.00	162	335696	51.712	ng	97
30) 1,2,4-Trichlorobenzene	10.21	180	315888	43.223	ng	100
31) Naphthalene	10.39	128	986895	46.986	ng	100
32) Benzoic acid	9.70	122	180743	42.150	ng	96
33) 4-Chloroaniline	10.50	127	360050	39.190	ng	99
34) Hexachlorobutadiene	10.69	225	169051	37.791	ng	97
35) Caprolactam	11.26	113	140455	64.365	ng	96
36) 4-Chloro-3-methylphenol	11.66	107	392625	55.183	ng	98
37) 2-Methylnaphthalene	12.01	142	751102	49.045	ng	97
38) 1-Methylnaphthalene	12.23	142	712534	49.401	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	371634	41.420	ng	99

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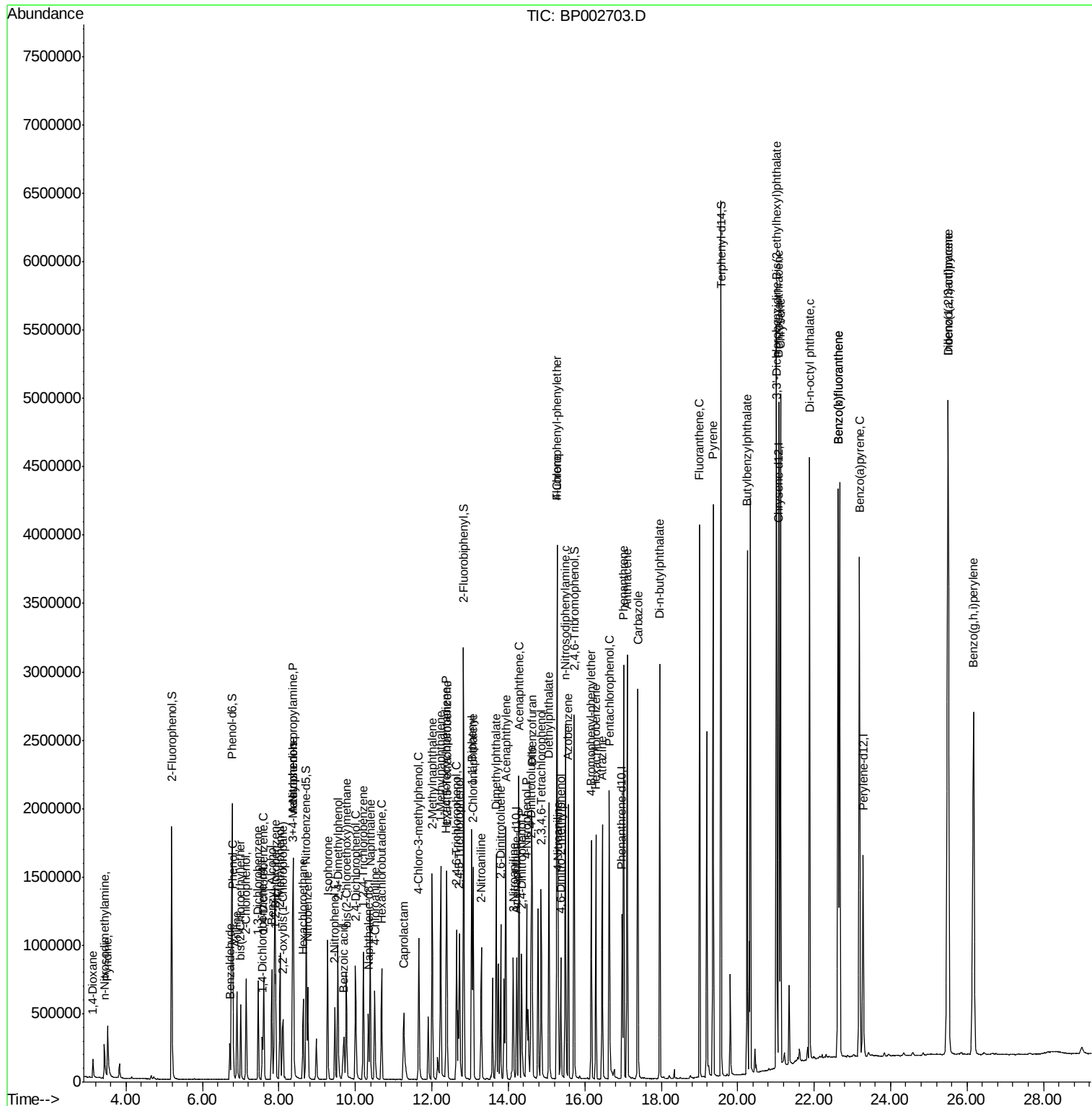
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.37	237	265161	57.895	ng	96
43) 2,4,6-Trichlorophenol	12.65	196	279001	45.957	ng	100
44) 2,4,5-Trichlorophenol	12.73	196	307398	43.986	ng	97
46) 1,1'-Biphenyl	13.04	154	969678	44.613	ng	98
47) 2-Chloronaphthalene	13.08	162	771478	43.603	ng	96
48) 2-Nitroaniline	13.29	65	279594	49.534	ng	94
49) Acenaphthylene	13.93	152	1296777	46.571	ng	99
50) Dimethylphthalate	13.68	163	1068702	47.354	ng	100
51) 2,6-Dinitrotoluene	13.80	165	242019	49.654	ng	93
52) Acenaphthene	14.28	154	760119	46.268	ng	97
53) 3-Nitroaniline	14.13	138	224936	42.383	ng	97
54) 2,4-Dinitrophenol	14.35	184	229805	75.961	ng	93
55) Dibenzofuran	14.62	168	1244031	46.726	ng	98
56) 4-Nitrophenol	14.47	139	443708	105.119	ng	90
57) 2,4-Dinitrotoluene	14.60	165	349733	53.339	ng	98
58) Fluorene	15.27	166	994630	49.053	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.86	232	292798	51.864	ng	97
60) Diethylphthalate	15.06	149	1101906	49.101	ng	100
61) 4-Chlorophenyl-phenylether	15.27	204	492745	45.314	ng	94
62) 4-Nitroaniline	15.30	138	301859	56.907	ng	88
63) Azobenzene	15.57	77	1118462	51.544	ng	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	200580	44.442	ng	97
66) n-Nitrosodiphenylamine	15.49	169	952682	46.316	ng	98
67) 4-Bromophenyl-phenylether	16.17	248	324701	41.008	ng	98
68) Hexachlorobenzene	16.29	284	360872	42.543	ng	96
69) Atrazine	16.46	200	332890	50.437	ng	99
70) Pentachlorophenol	16.64	266	409602	84.344	ng	96
71) Phenanthrene	17.02	178	1839378	48.519	ng	100
72) Anthracene	17.11	178	1876595	49.744	ng	99
73) Carbazole	17.39	167	1873469	51.386	ng	98
74) Di-n-butylphthalate	17.96	149	2073611	48.293	ng	99
75) Fluoranthene	19.00	202	2383288	51.936	ng	98
77) Benzidine	19.19	184	1515299	Below	Cal	98
78) Pyrene	19.36	202	2453950	45.799	ng	99
80) Butylbenzylphthalate	20.25	149	1062436	45.419	ng	99
81) Benzo(a)anthracene	21.07	228	2450166	47.610	ng	99
82) 3,3'-Dichlorobenzidine	21.00	252	811897	43.092	ng	# 99
83) Chrysene	21.12	228	2370233	48.030	ng	97
84) Bis(2-ethylhexyl)phthalate	21.02	149	1538704	45.809	ng	98
85) Di-n-octyl phthalate	21.88	149	2895617	48.807	ng	99
87) Indeno(1,2,3-cd)pyrene	25.50	276	3575702	52.998	ng	97
88) Benzo(b)fluoranthene	22.63	252	2764194	46.230	ng	99
89) Benzo(k)fluoranthene	22.63	252	2764194	49.556	ng	98
90) Benzo(a)pyrene	23.19	252	2680278	48.849	ng	98
91) Dibenzo(a,h)anthracene	25.51	278	2893770	52.489	ng	98
92) Benzo(g,h,i)perylene	26.17	276	3025569	54.874	ng	99

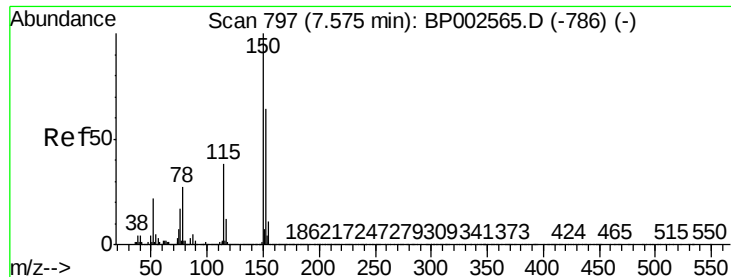
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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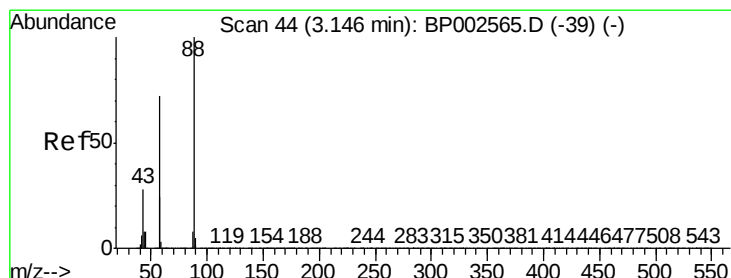
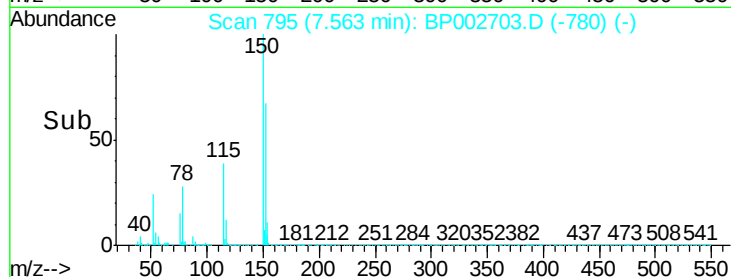
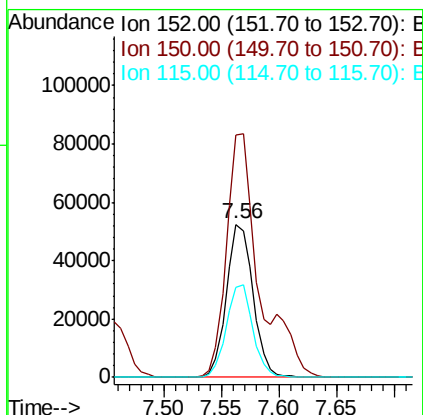
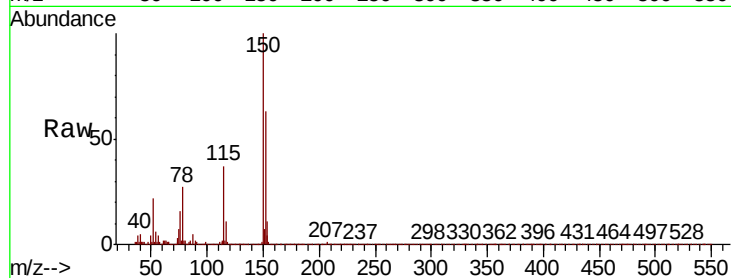


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 795
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Instrument :
BNA_P
ClientSampleId :
PB130070BS

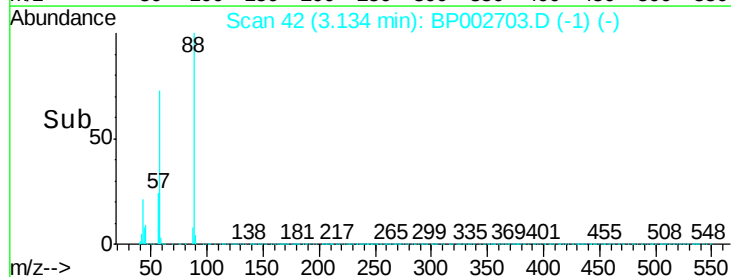
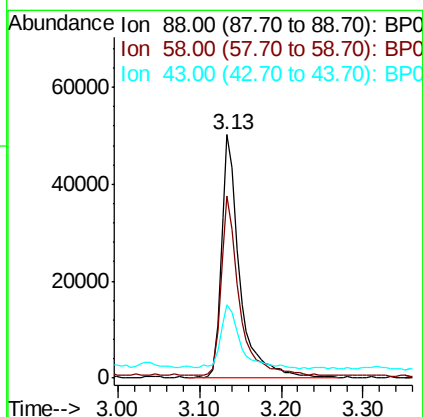
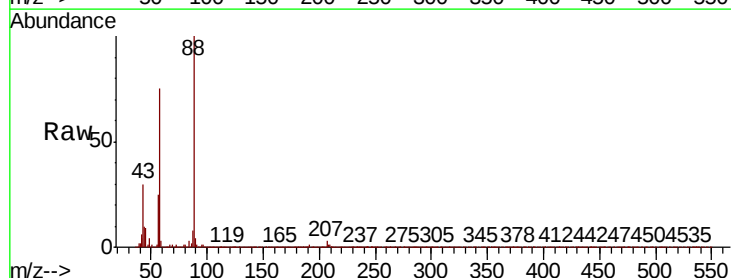
Tot Ion:152 Resp: 83801
Ion Ratio Lower Upper
152 100
150 158.5 124.2 186.2
115 58.5 47.1 70.7

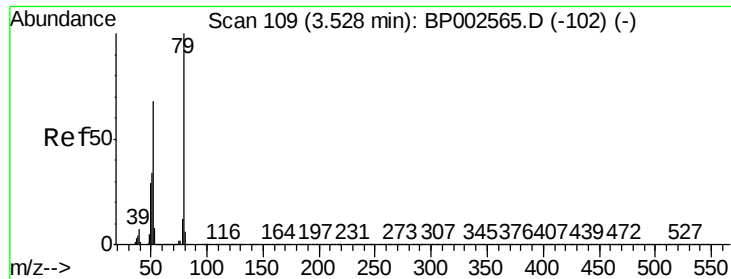


#2

1,4-Dioxane
Concen: 36.389 ng
RT: 3.13 min Scan# 42
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion: 88 Resp: 77194
Ion Ratio Lower Upper
88 100
58 73.3 58.1 87.1
43 27.7 23.2 34.8



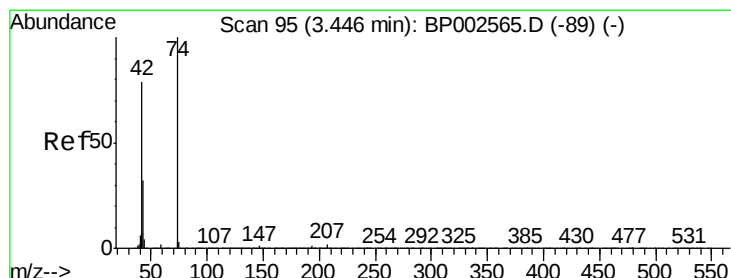
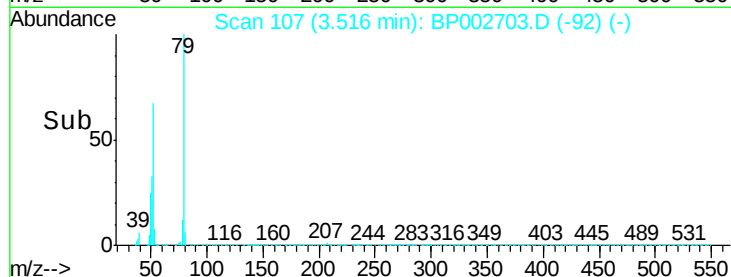
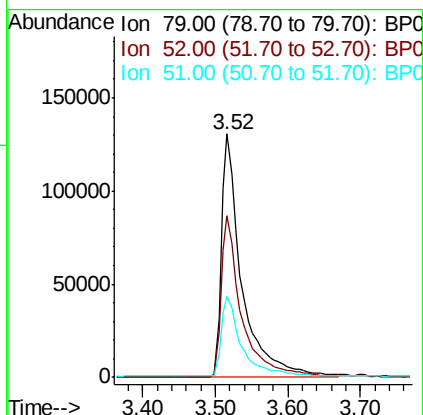
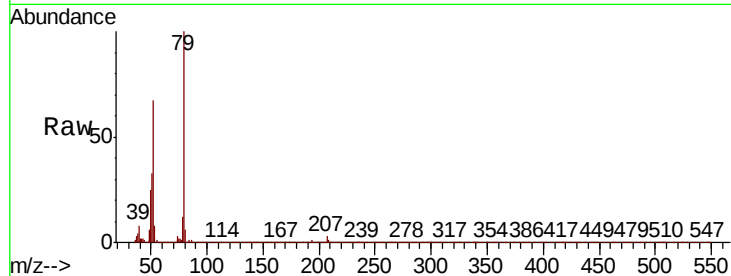


#3
Pvridine
Concen: 40.112 ng
RT: 3.52 min Scan# 107
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Instrument :
BNA_P
ClientSampleId :
PB130070BS

Tot Ion: 79 Resp: 252195

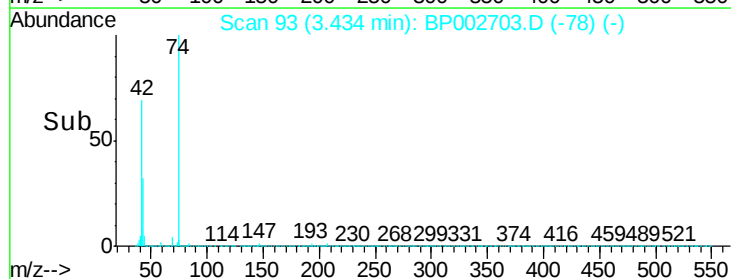
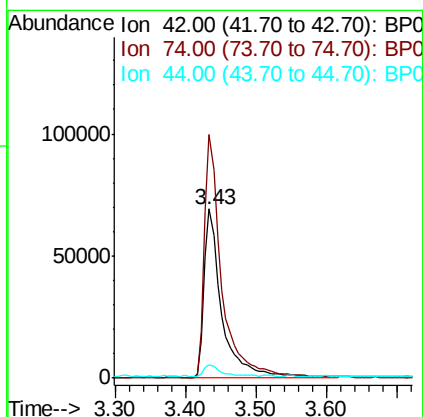
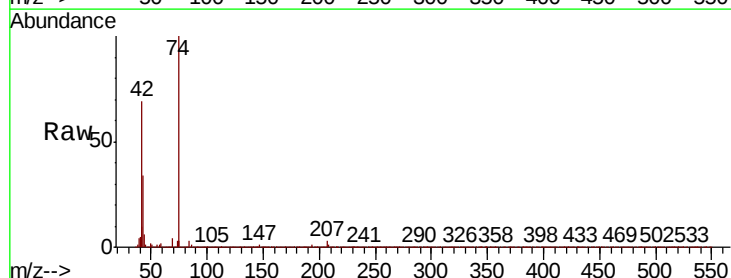
Ion	Ratio	Lower	Upper
79	100		
52	66.6	54.5	81.7
51	33.2	27.8	41.6

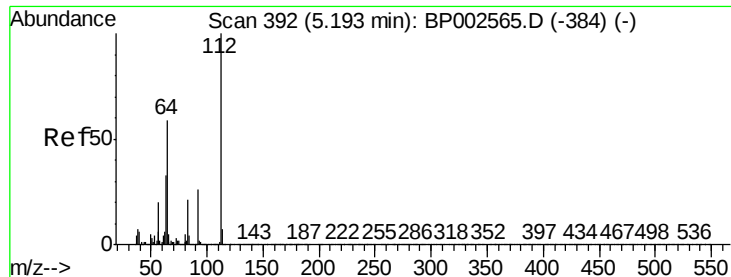


#4
n-Nitrosodimethylamine
Concen: 44.475 ng
RT: 3.43 min Scan# 93
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion: 42 Resp: 118696

Ion	Ratio	Lower	Upper
42	100		
74	144.1	101.7	152.5
44	8.2	4.9	7.3





#5

2-Fluorophenol

Concen: 173.639 ng

RT: 5.19 min Scan# 392

Delta R.T. -0.00 min

Lab File: BP002703.D

Acq: 09 Jul 2020 18:31

Instrument :

BNA_P

ClientSampleId :

PB130070BS

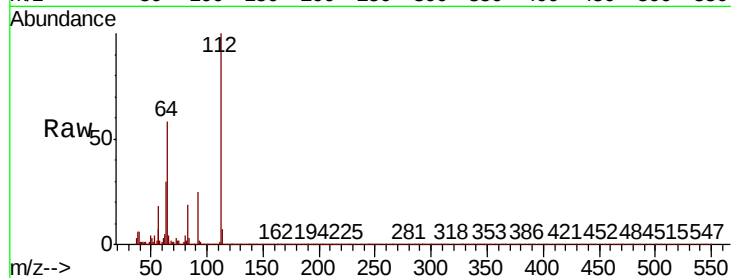
Tot Ion:112 Resp: 859429

Ion Ratio Lower Upper

112 100

64 58.2 47.0 70.6

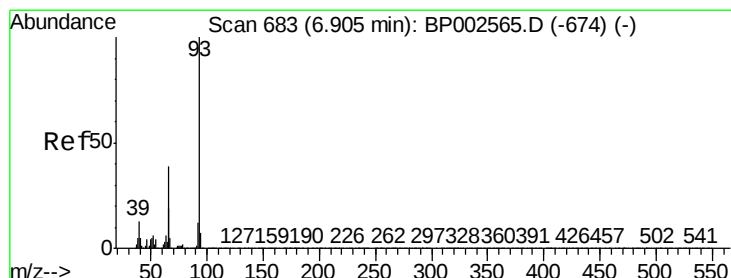
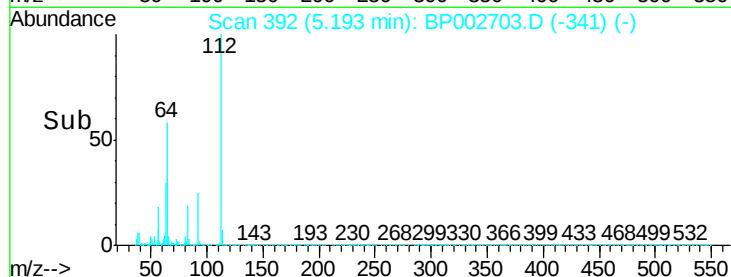
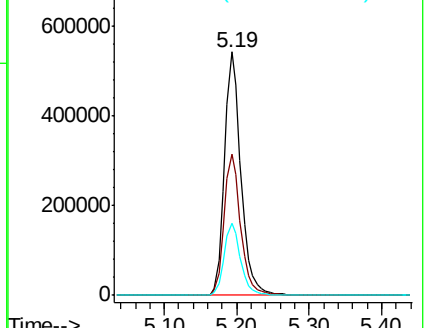
63 29.6 26.1 39.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 46.977 ng

RT: 6.90 min Scan# 682

Delta R.T. -0.01 min

Lab File: BP002703.D

Acq: 09 Jul 2020 18:31

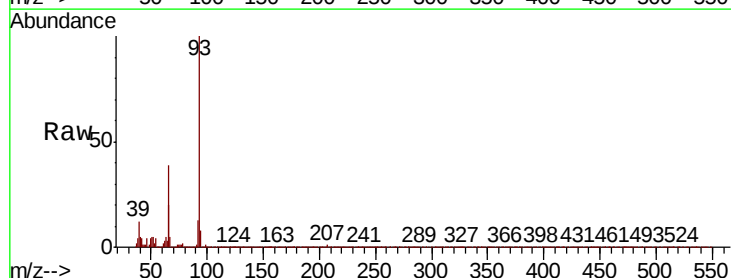
Tgt Ion: 93 Resp: 407691

Ion Ratio Lower Upper

93 100

66 38.6 31.6 47.4

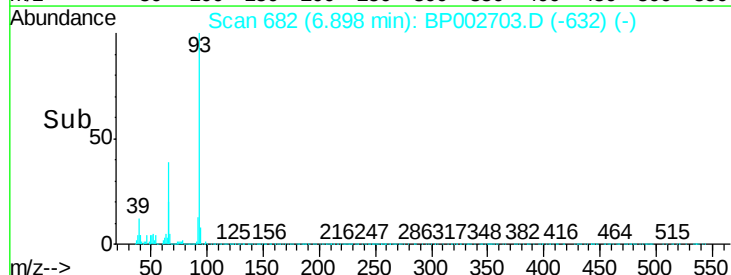
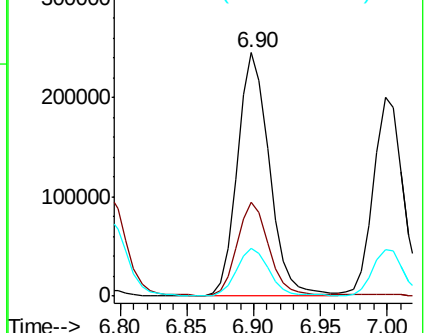
65 19.8 15.7 23.5

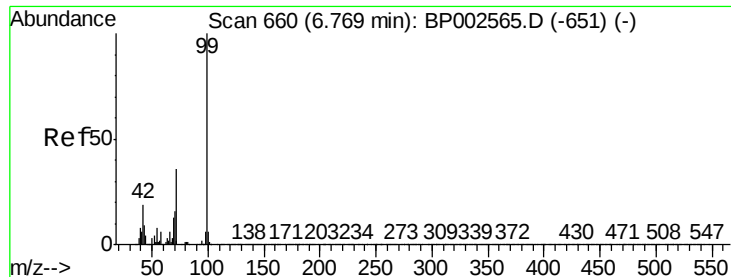


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 178.012 ng

RT: 6.77 min Scan# 660

Delta R.T. -0.00 min

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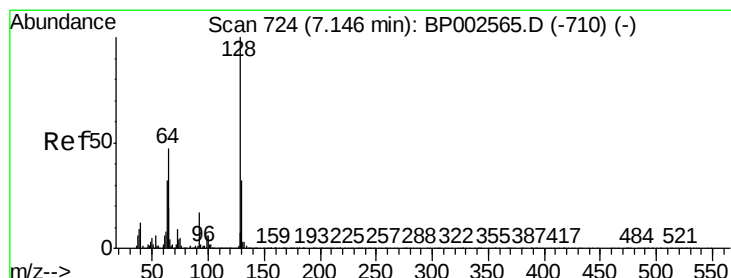
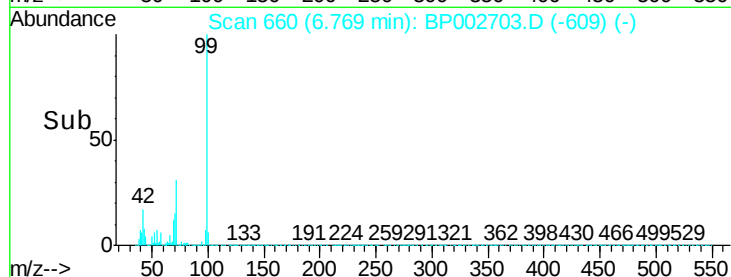
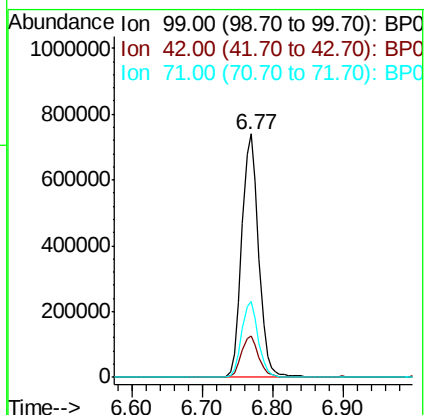
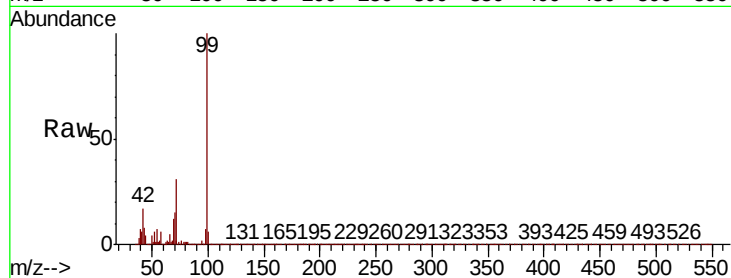
Tot Ion: 99 Resp: 1229752

Ion	Ratio	Lower	Upper
99	100		
42	17.0	15.5	23.3
71	31.2	28.9	43.3

99 100

42 17.0 15.5 23.3

71 31.2 28.9 43.3



#8

2-Chlorophenol

Concen: 58.592 ng

RT: 7.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: BP002703.D

Acq: 09 Jul 2020 18:31

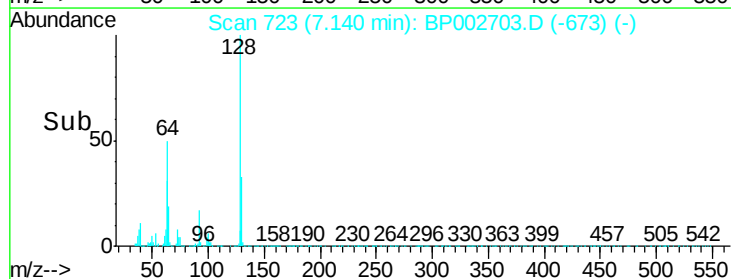
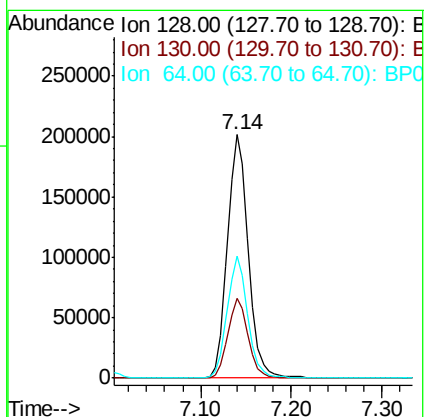
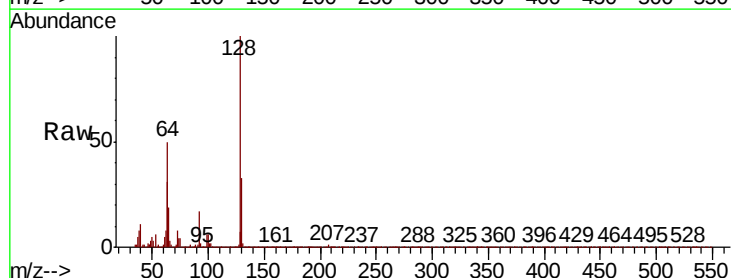
Tgt Ion: 128 Resp: 322143

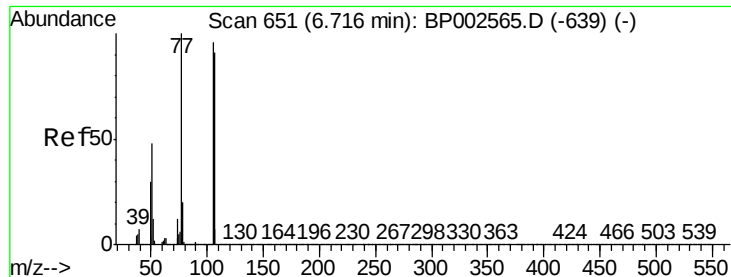
Ion	Ratio	Lower	Upper
128	100		
130	32.6	11.8	51.8
64	50.3	26.9	66.9

128 100

130 32.6 11.8 51.8

64 50.3 26.9 66.9





#9

Benzaldehyde

Concen: 25.135 ng

RT: 6.72 min Scan# 651

Delta R.T. 0.00 min

Lab File: BP002703.D

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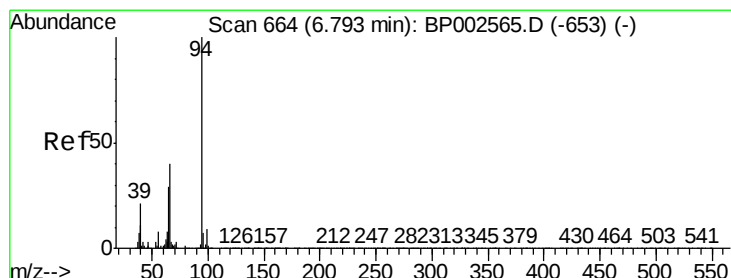
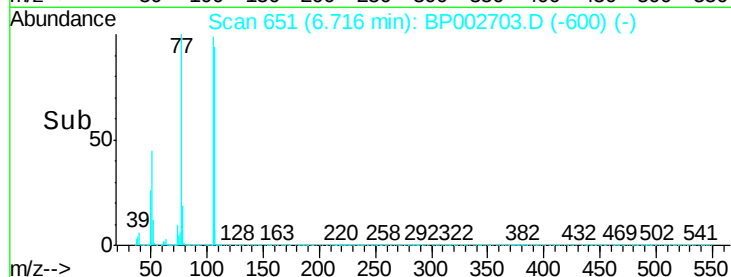
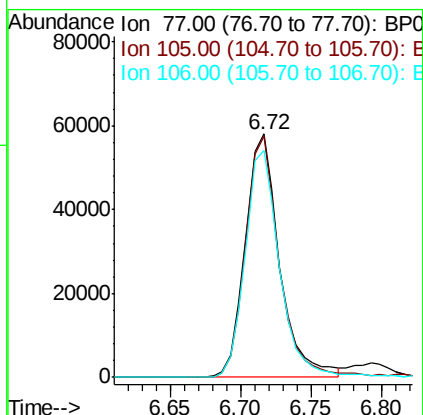
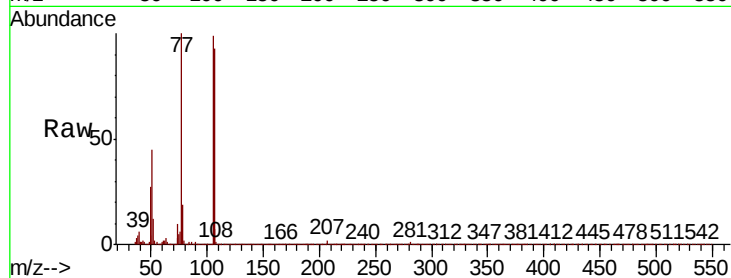
Tot Ion: 77 Resp: 98638

Ion Ratio Lower Upper

77 100

105 99.1 76.5 116.5

106 93.4 70.9 110.9



#10

Phenol

Concen: 65.731 ng

RT: 6.79 min Scan# 664

Delta R.T. -0.00 min

Lab File: BP002703.D

Acq: 09 Jul 2020 18:31

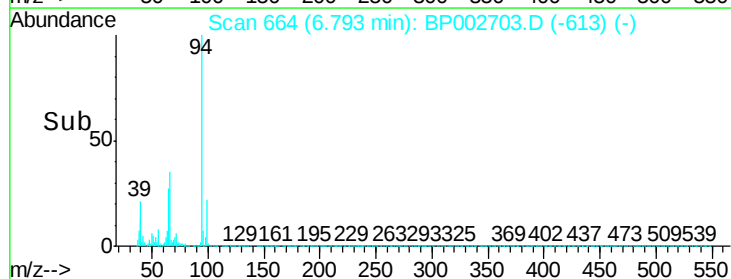
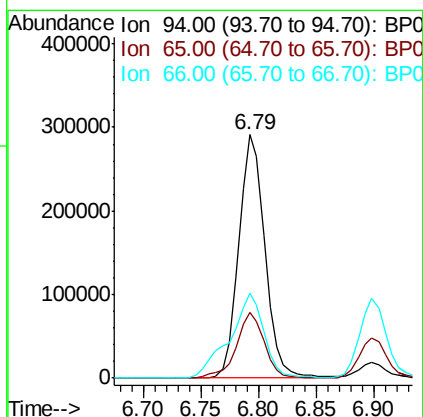
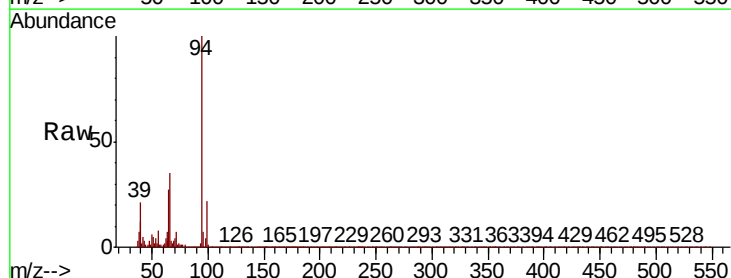
Tgt Ion: 94 Resp: 457918

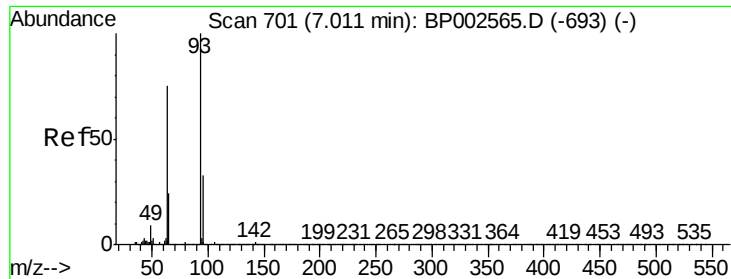
Ion Ratio Lower Upper

94 100

65 26.8 8.8 48.8

66 35.1 19.9 59.9

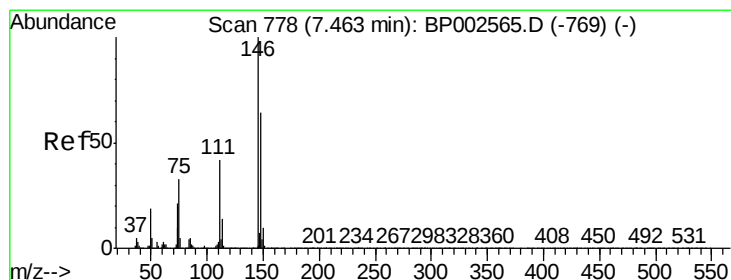
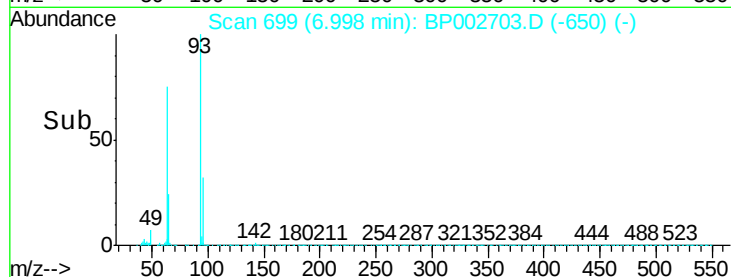
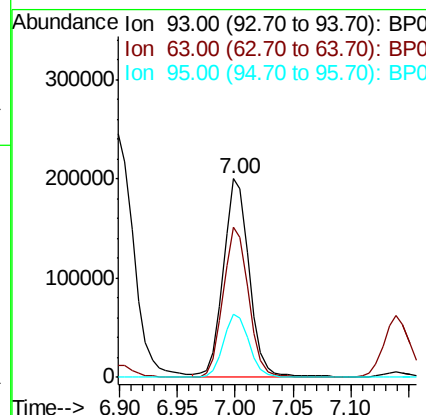
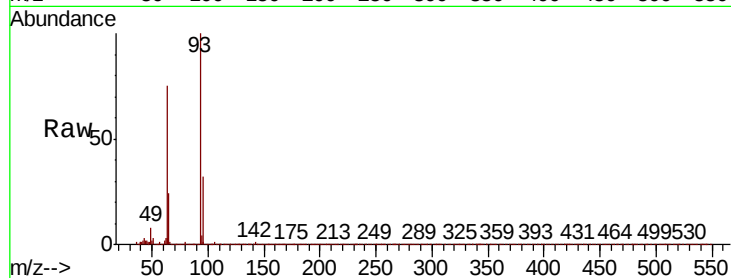




#11
bis(2-Chloroethyl)ether
Concen: 54.215 ng
RT: 7.00 min Scan# 699
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

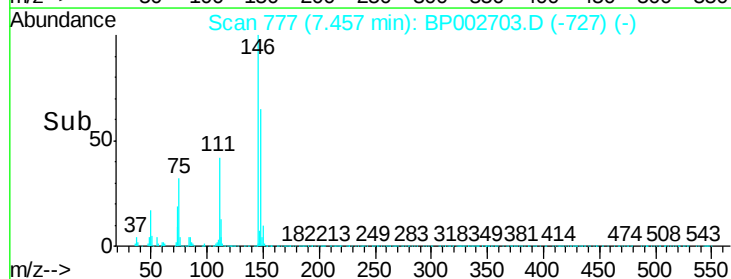
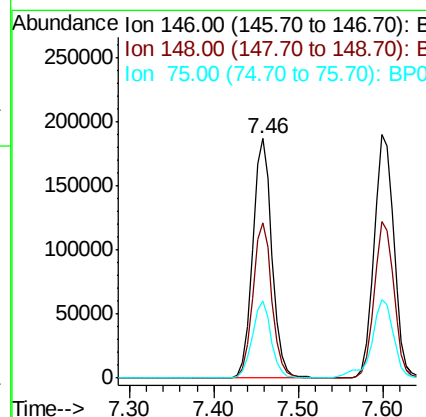
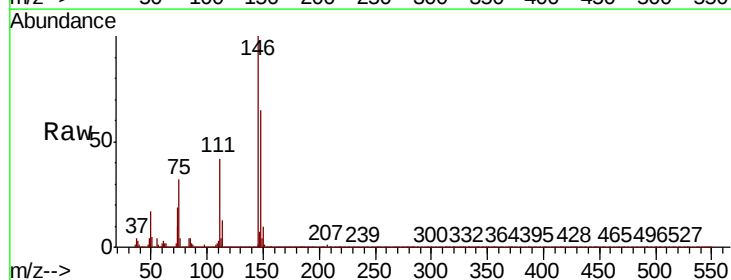
Instrument :
BNA_P
ClientSampleId :
PB130070BS

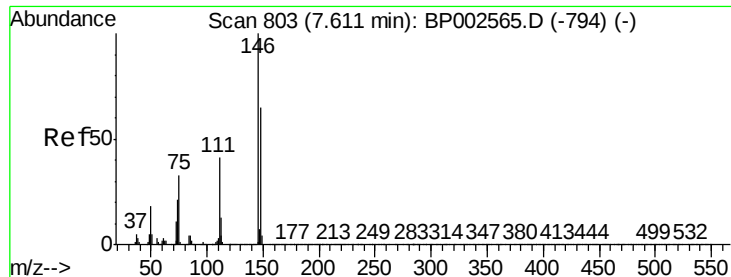
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.5	54.5	94.5
95	31.9	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 46.691 ng
RT: 7.46 min Scan# 777
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.3	76.9
75	32.3	26.1	39.1

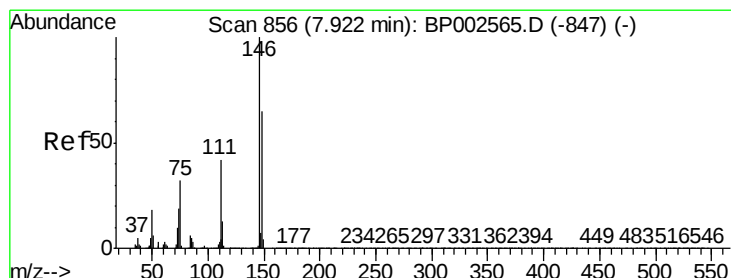
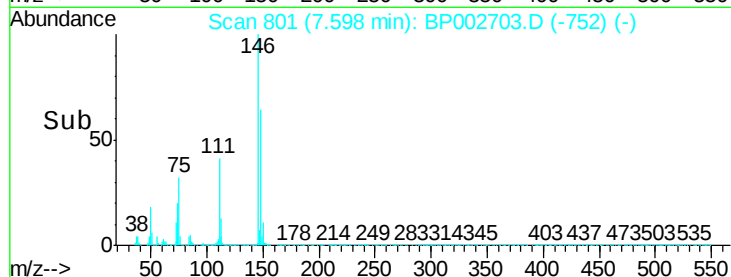
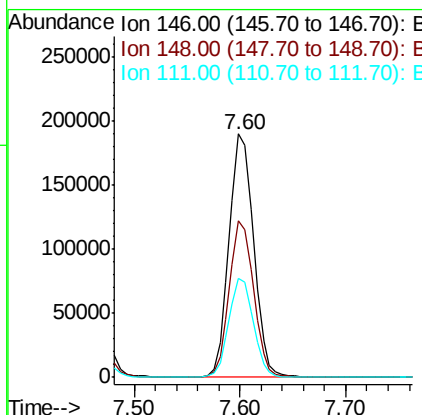
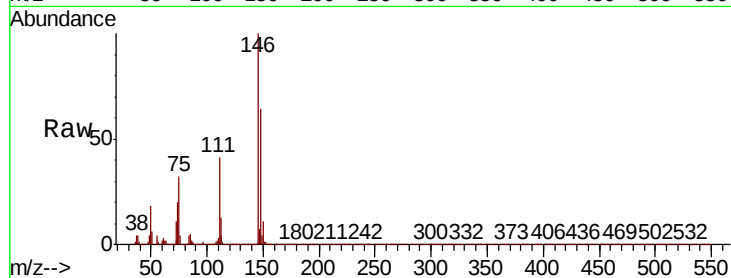




#13
1,4-Dichlorobenzene
Concen: 47.159 ng
RT: 7.60 min Scan# 801
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

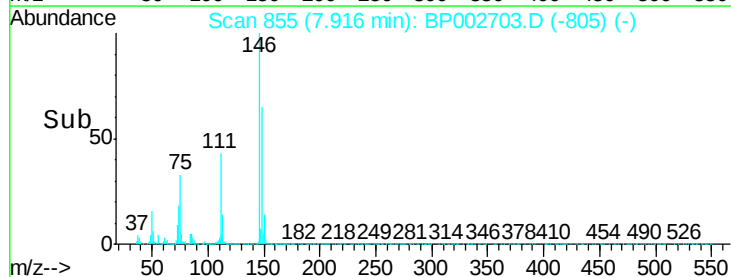
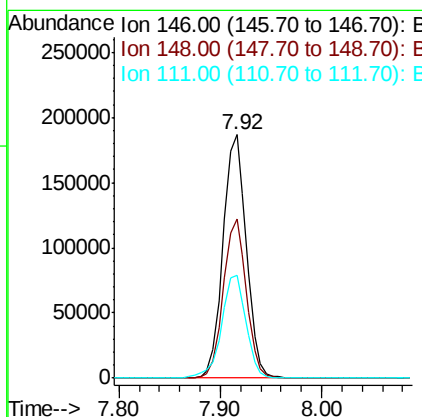
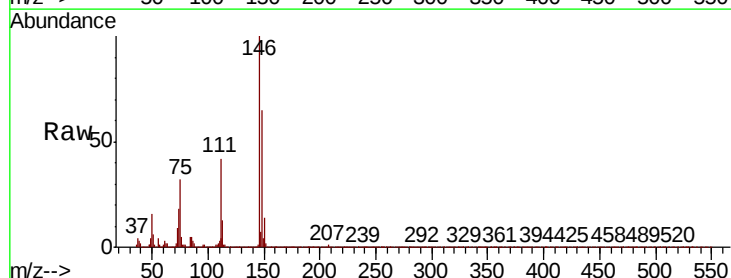
Instrument :
BNA_P
ClientSampleId :
PB130070BS

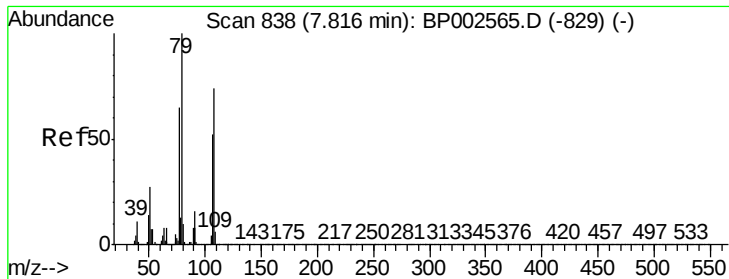
Tot Ion:146 Resp: 304814
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.6
111 40.6 32.8 49.2



#14
1,2-Dichlorobenzene
Concen: 47.822 ng
RT: 7.92 min Scan# 855
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion:146 Resp: 297533
Ion Ratio Lower Upper
146 100
148 65.5 52.2 78.2
111 42.3 34.1 51.1

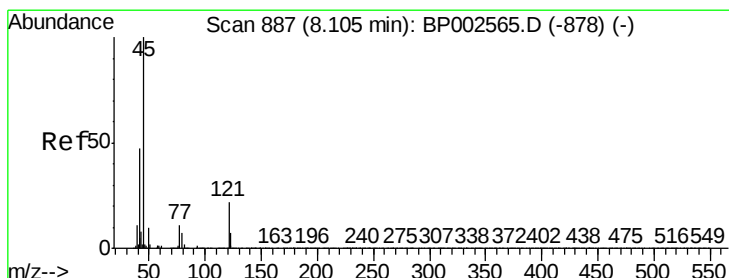
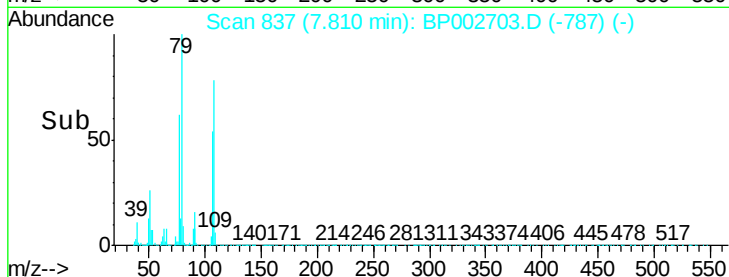
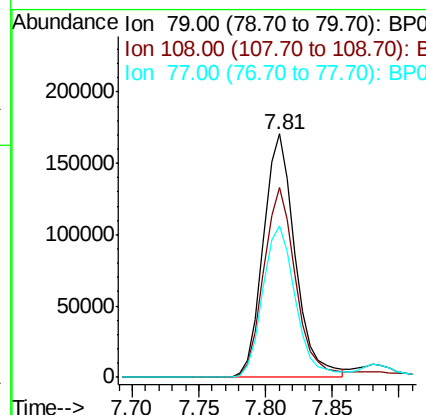
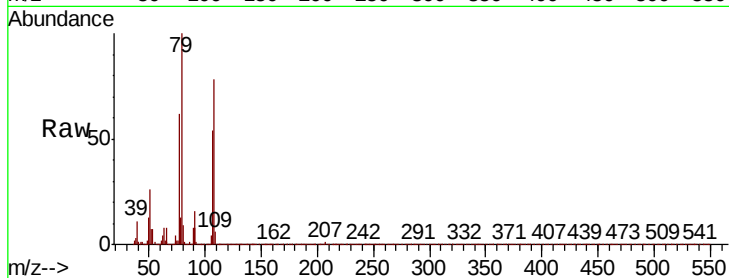




#15
Benzyl Alcohol
Concen: 54.076 ng
RT: 7.81 min Scan# 837
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

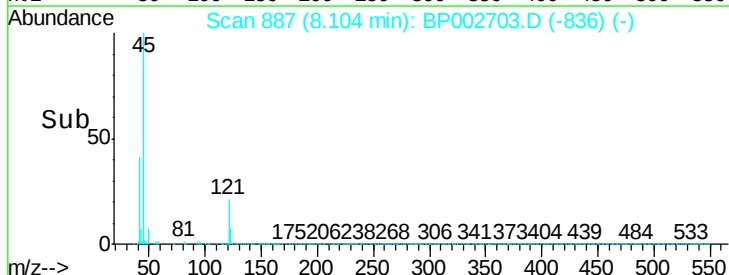
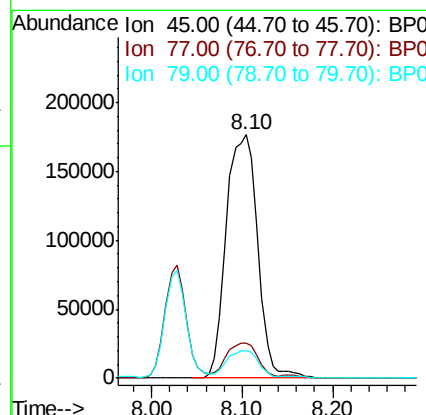
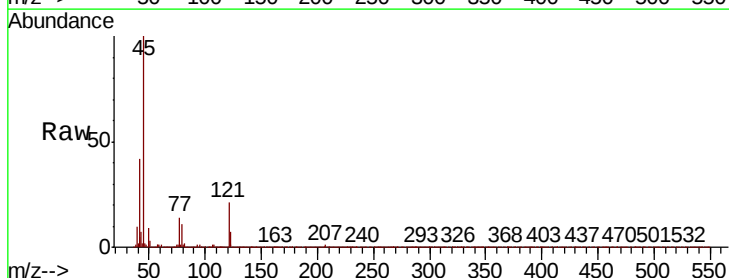
Instrument :
BNA_P
ClientSampleID :
PB130070BS

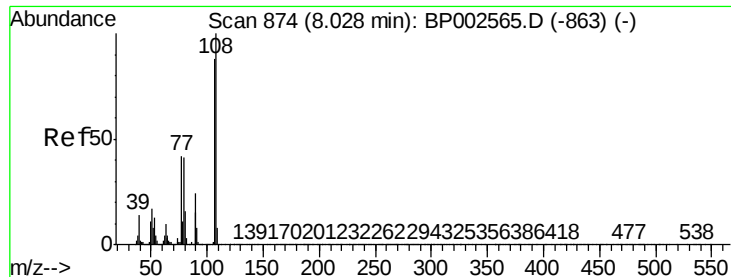
Tot Ion: 79 Resp: 280703
Ion Ratio Lower Upper
79 100
108 78.1 59.4 89.2
77 62.3 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.101 ng
RT: 8.10 min Scan# 887
Delta R.T. -0.00 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion: 45 Resp: 423028
Ion Ratio Lower Upper
45 100
77 14.2 0.0 35.0
79 11.1 0.0 31.1

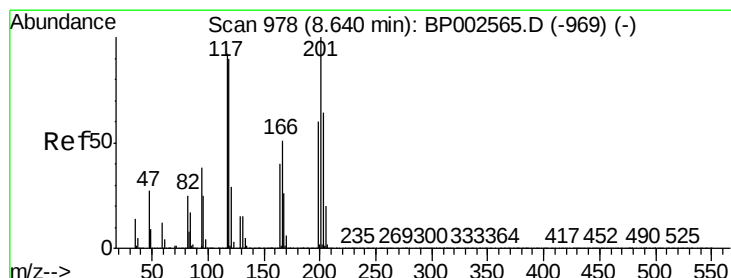
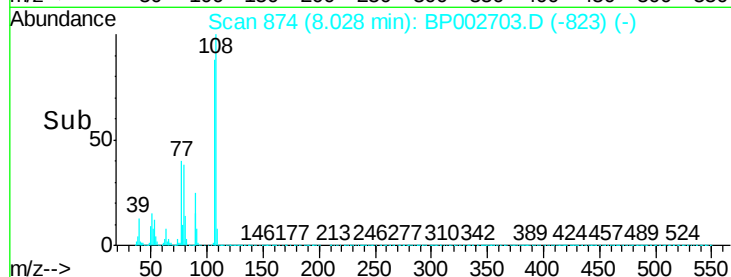
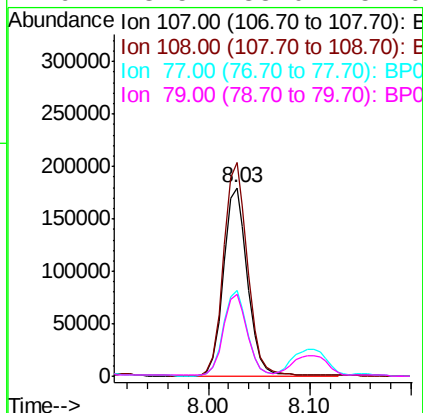
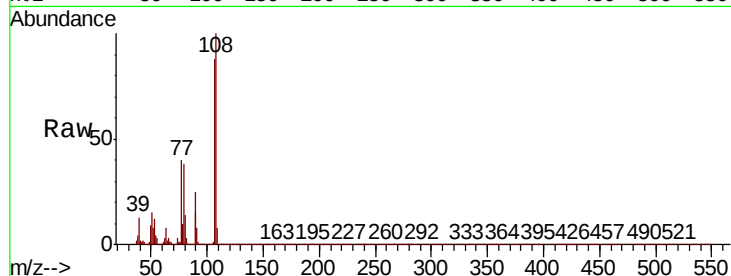




#17
2-Methylphenol
Concen: 56.435 ng
RT: 8.03 min Scan# 874
Delta R.T. -0.00 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

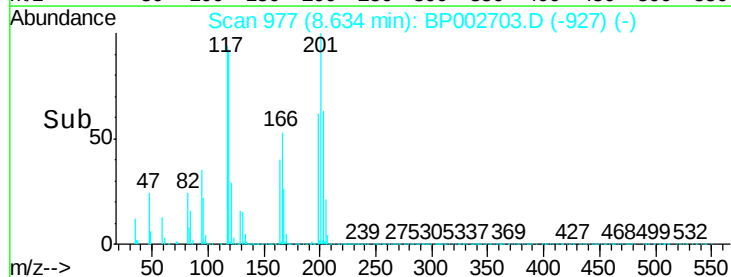
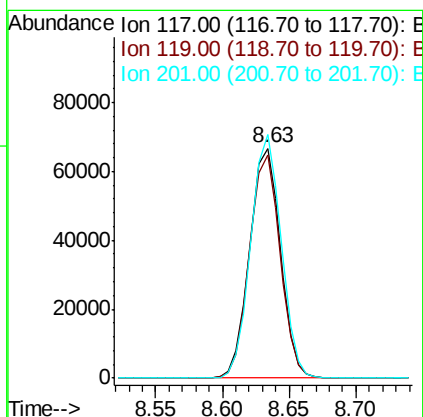
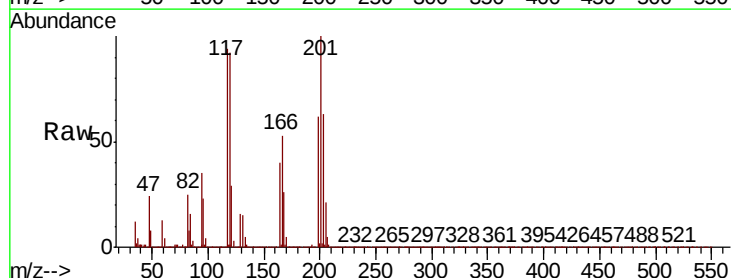
Instrument :
BNA_P
ClientSampleId :
PB130070BS

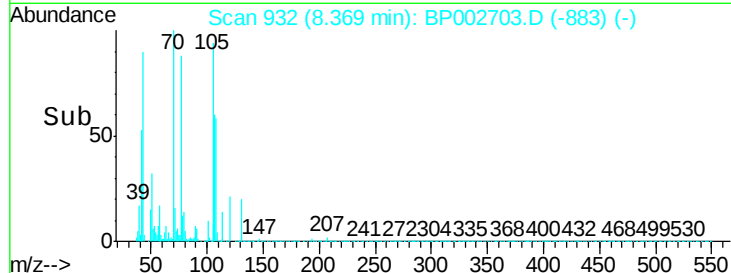
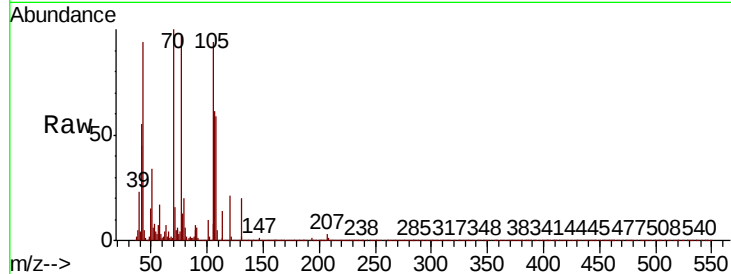
Tot Ion:	107	Resp:	294280
Ion	Ratio	Lower	Upper
107	100		
108	113.5	91.4	137.0
77	45.7	38.7	58.1
79	43.5	38.0	57.0



#18
Hexachloroethane
Concen: 45.424 ng
RT: 8.63 min Scan# 977
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion:	117	Resp:	105965
Ion	Ratio	Lower	Upper
117	100		
119	97.0	78.2	117.4
201	105.9	87.0	130.6

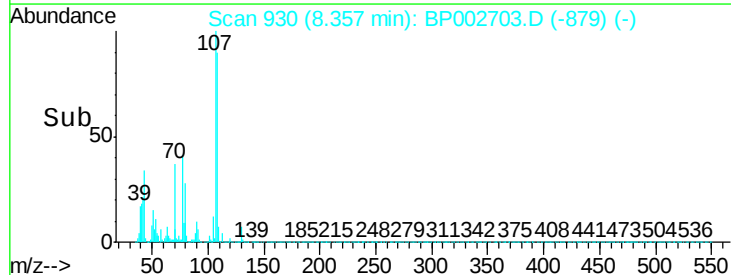
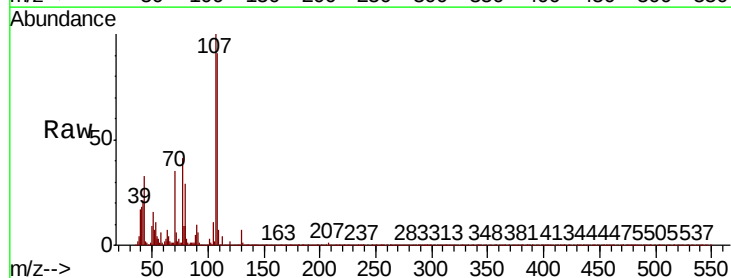
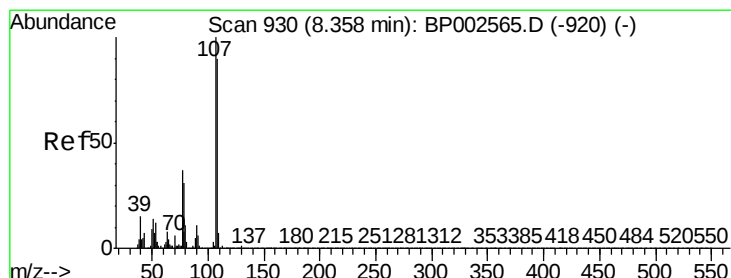
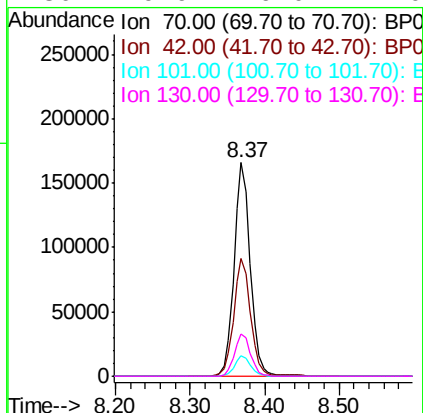




#19
n-Nitroso-di-n-propylamine
Concen: 55.314 ng
RT: 8.37 min Scan# 932
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

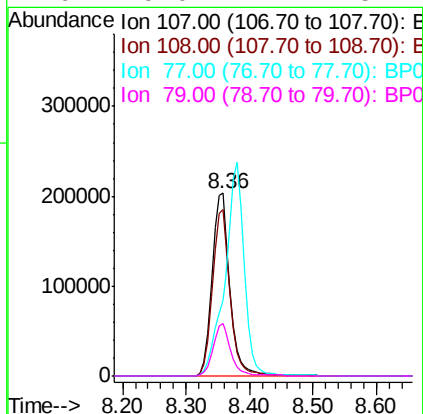
Instrument :
BNA_P
ClientSampleId :
PB130070BS

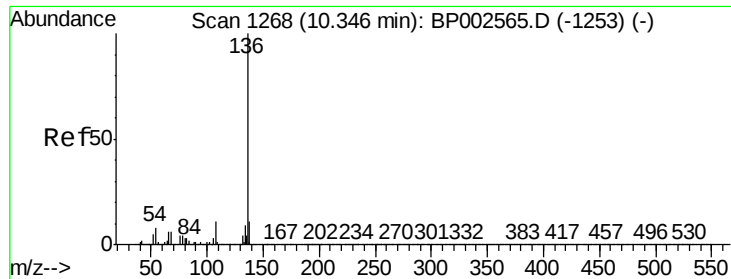
Tot Ion:	70	Resp:	250718
Ion	Ratio	Lower	Upper
70	100		
42	55.4	46.7	70.1
101	9.7	7.5	11.3
130	19.9	16.0	24.0



#20
3+4-Methylphenols
Concen: 57.561 ng
RT: 8.36 min Scan# 930
Delta R.T. -0.00 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion:	107	Resp:	404665
Ion	Ratio	Lower	Upper
107	100		
108	91.3	70.4	110.4
77	41.2	16.7	56.7
79	29.0	11.1	51.1

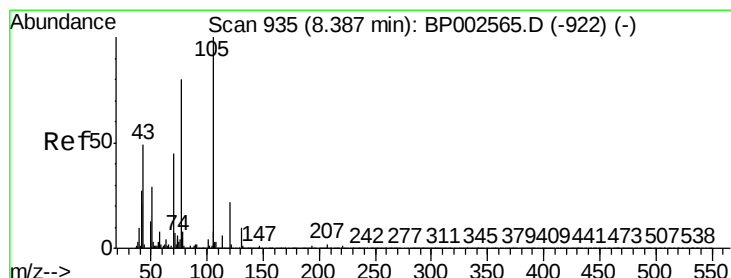
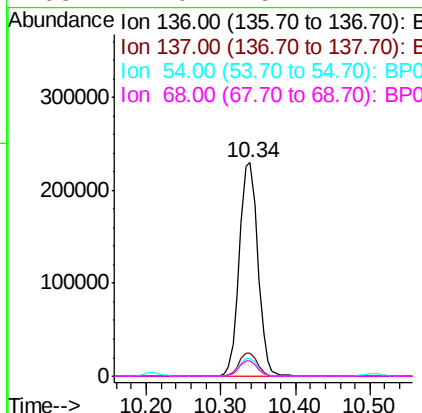
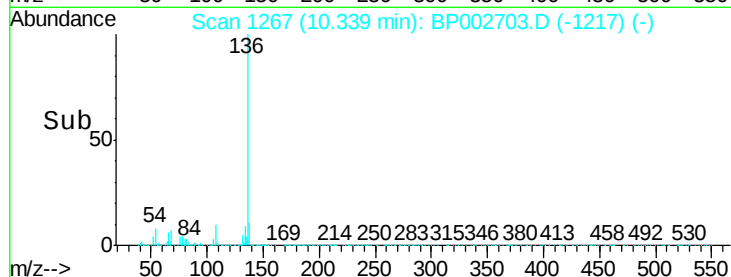
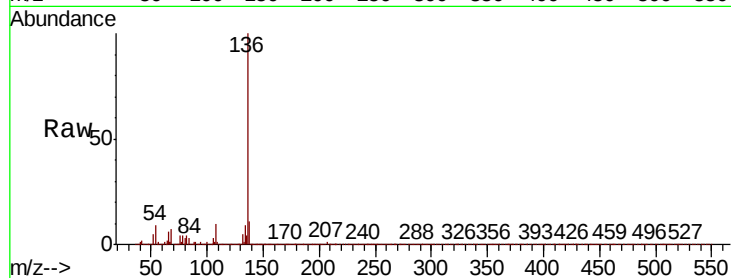




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

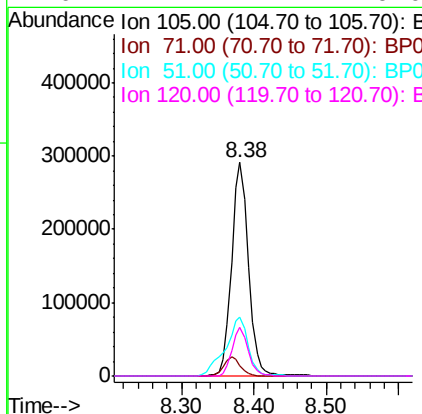
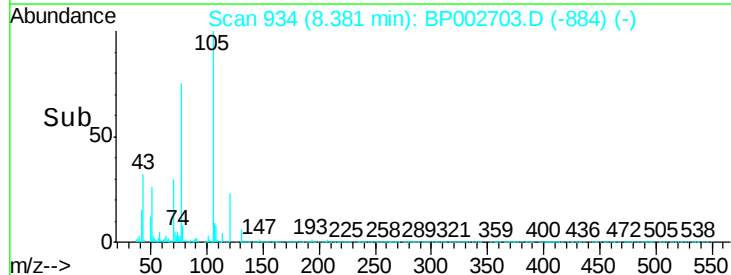
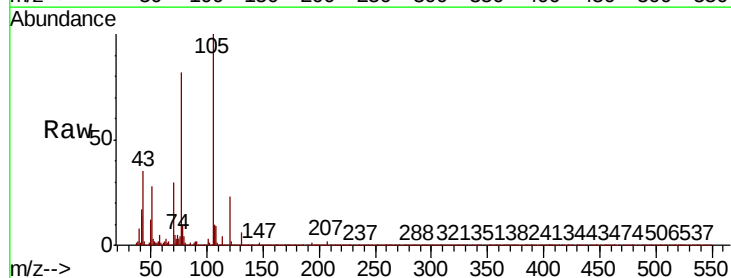
Instrument :
BNA_P
ClientSampleId :
PB130070BS

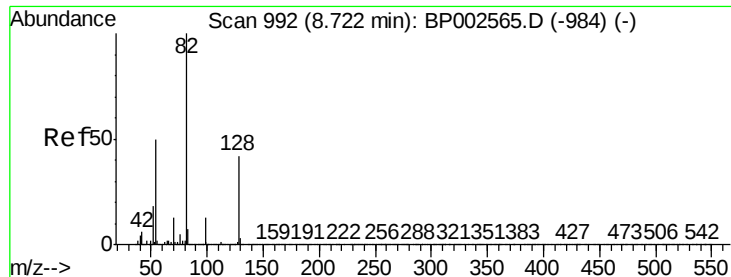
Tot Ion:136	Resp:	396767
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.8	13.2
54 8.6	6.4	9.6
68 7.0	5.1	7.7



#22
Acetophenone
Concen: 47.156 ng
RT: 8.38 min Scan# 934
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt	Ion:105	Resp:	473567
Ion	Ratio	Lower	Upper
105	100		
71	4.9	5.8	8.8#
51	27.6	23.3	34.9
120	22.7	17.4	26.0

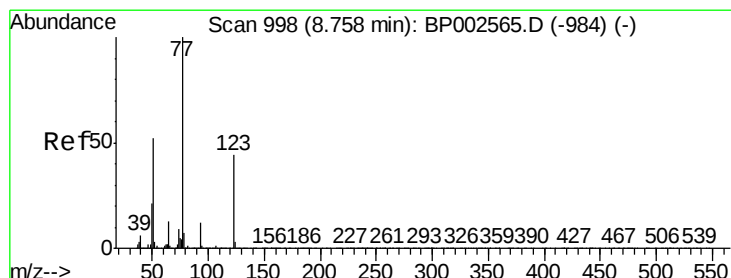
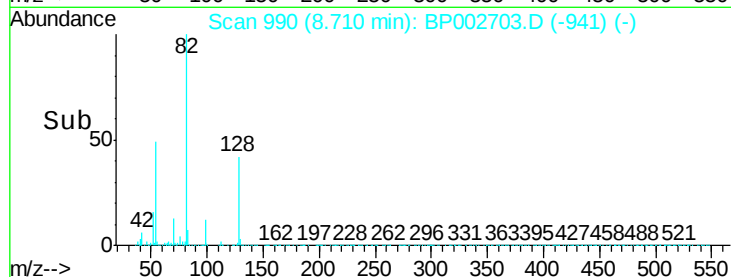
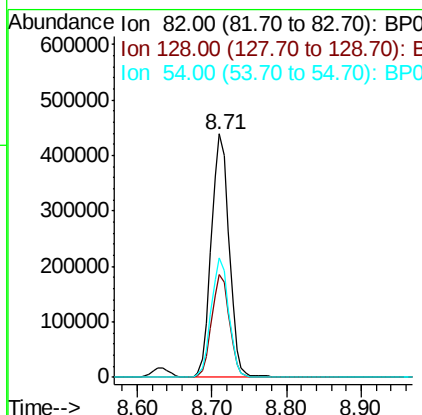
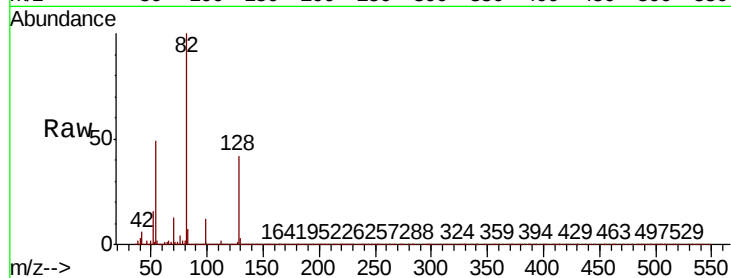




#23
 Nitrobenzene-d5
 Concen: 94.201 ng
 RT: 8.71 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BP002703.D
 Acq: 09 Jul 2020 18:31

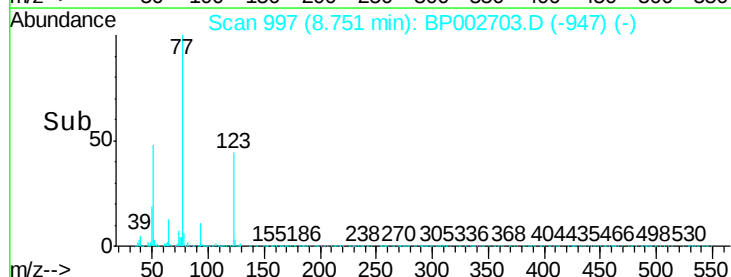
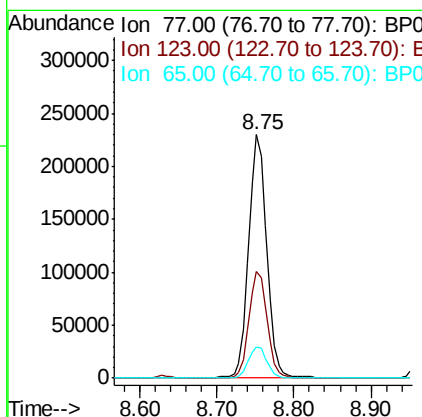
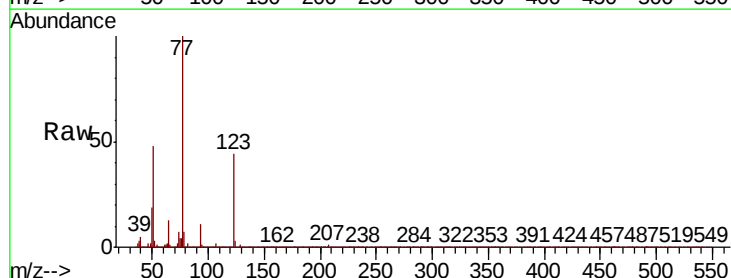
Instrument :
 BNA_P
 ClientSampleId :
 PB130070BS

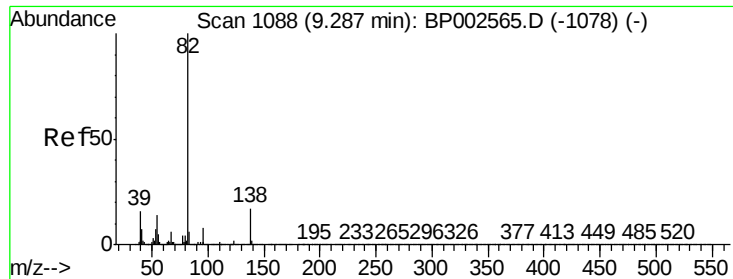
Tot Ion	82	Resp	725392
Ion Ratio	Lower	Upper	
82	100		
128	42.1	33.4	50.2
54	49.1	40.1	60.1



#24
 Nitrobenzene
 Concen: 46.503 ng
 RT: 8.75 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BP002703.D
 Acq: 09 Jul 2020 18:31

Tgt Ion	77	Resp	379034
Ion Ratio	Lower	Upper	
77	100		
123	44.0	35.3	52.9
65	13.0	10.6	16.0

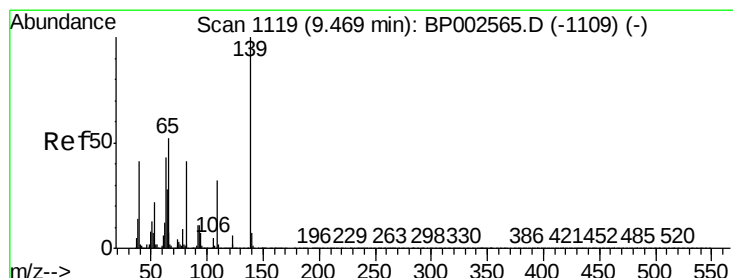
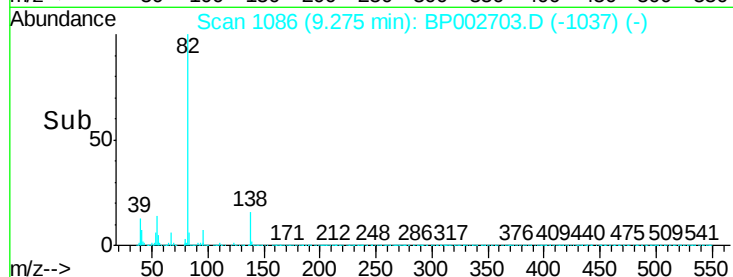
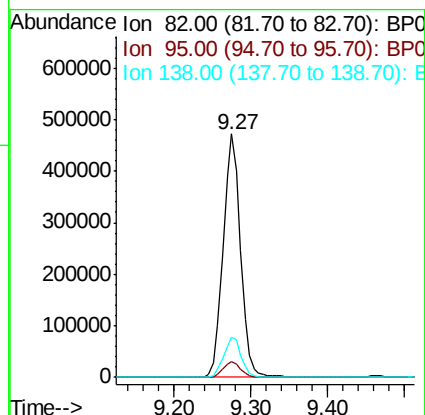
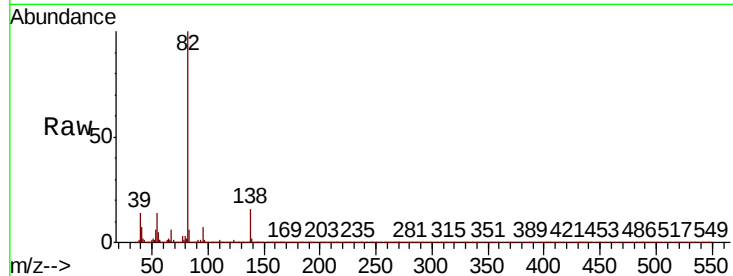




#25
Isophorone
Concen: 47.680 ng
RT: 9.27 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

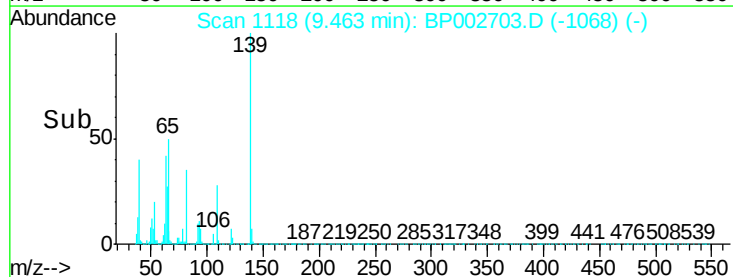
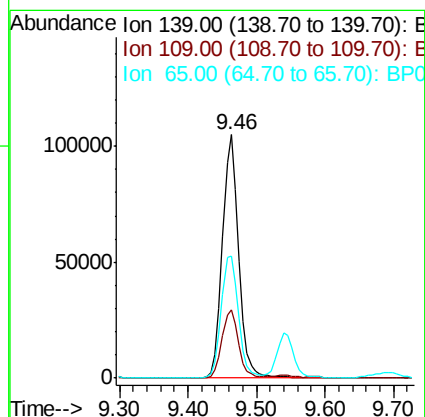
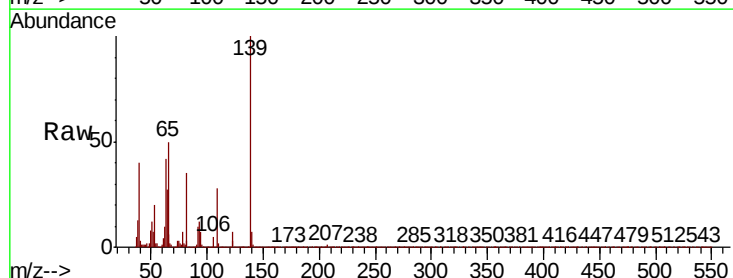
Instrument :
BNA_P
ClientSampleId :
PB130070BS

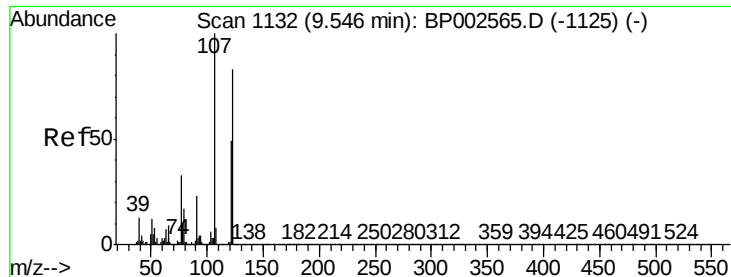
Tot Ion	82	Resp	735880
Ion Ratio	Lower	Upper	
82	100		
95	6.5	6.0	9.0
138	16.4	13.8	20.8



#26
2-Nitrophenol
Concen: 46.306 ng
RT: 9.46 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion	139	Resp	172132
Ion Ratio	Lower	Upper	
139	100		
109	28.2	26.0	39.0
65	50.1	41.9	62.9

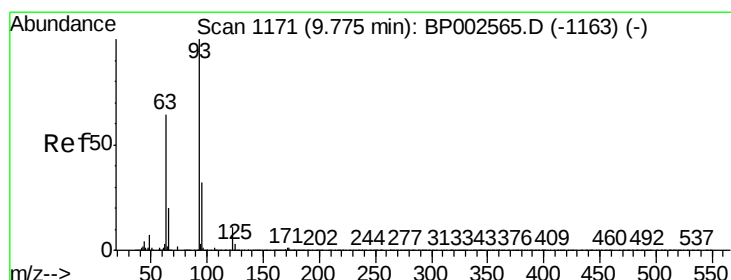
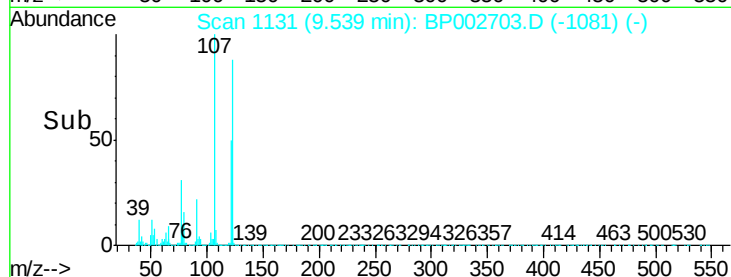
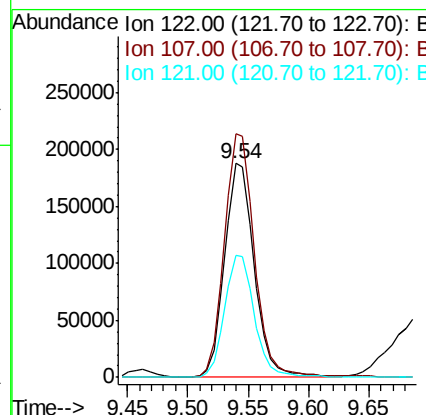
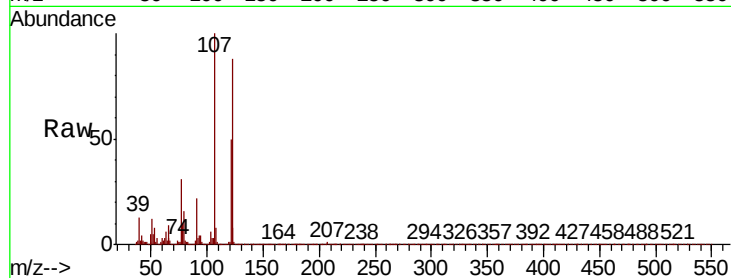




#27
2,4-Dimethylphenol
Concen: 56.700 ng
RT: 9.54 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

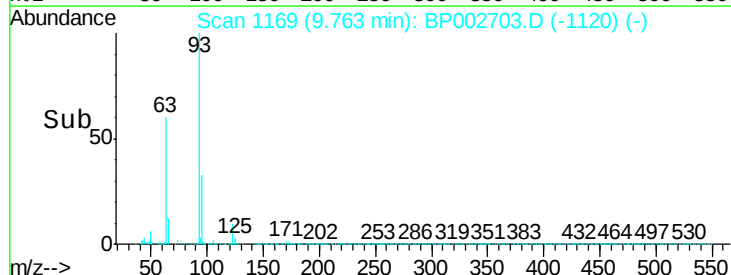
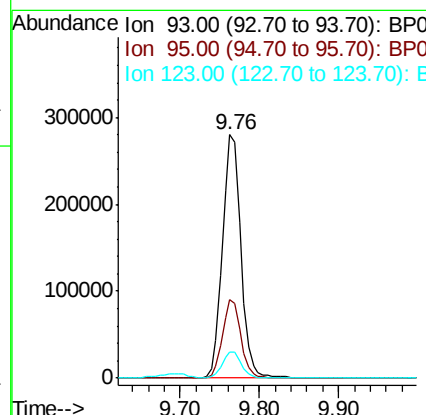
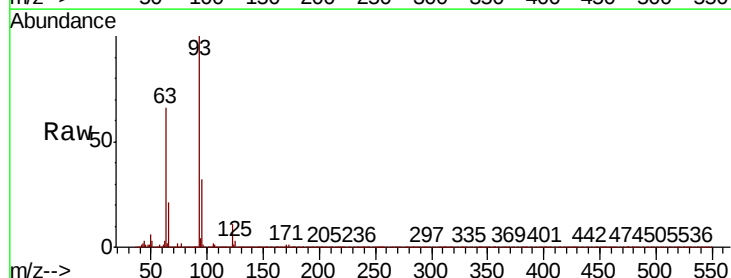
Instrument :
BNA_P
ClientSampled :
PB130070BS

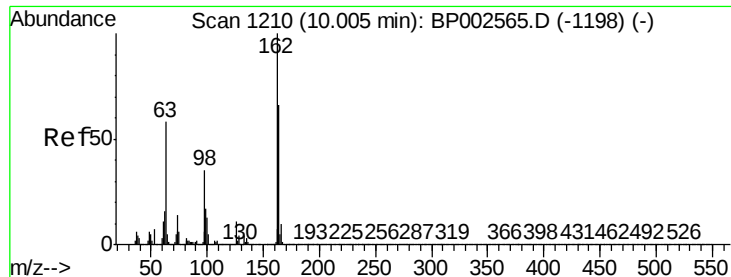
Tot Ion	Ratio	Lower	Upper
122	100		
107	114.0	95.9	143.9
121	57.0	47.0	70.6



#28
bis(2-Chloroethoxy)methane
Concen: 50.806 ng
RT: 9.76 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.5	38.3
123	10.7	8.7	13.1

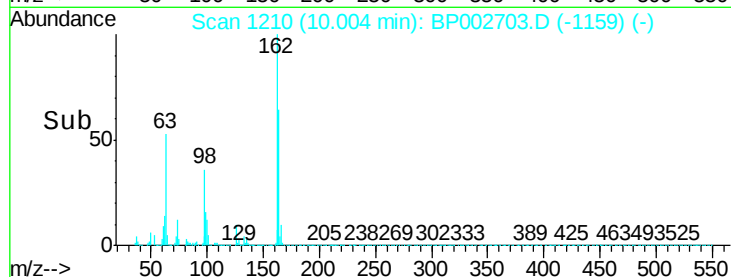
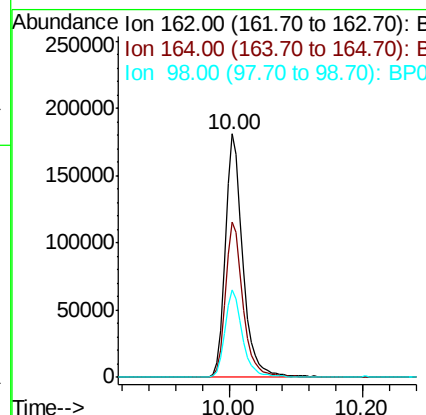
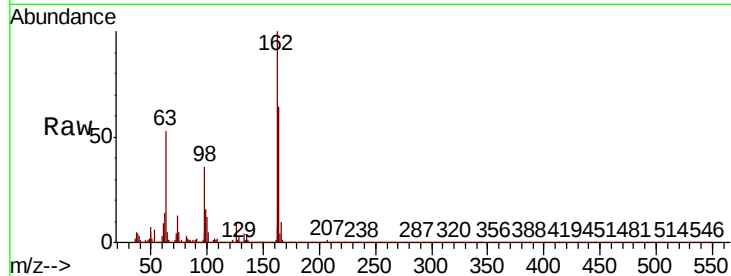




#29
 2,4-Dichlorophenol
 Concen: 51.712 ng
 RT: 10.00 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BP002703.D
 Acq: 09 Jul 2020 18:31

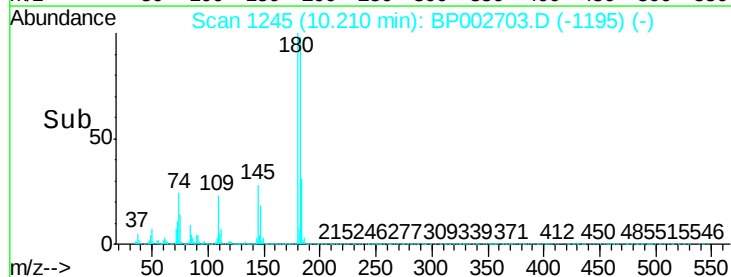
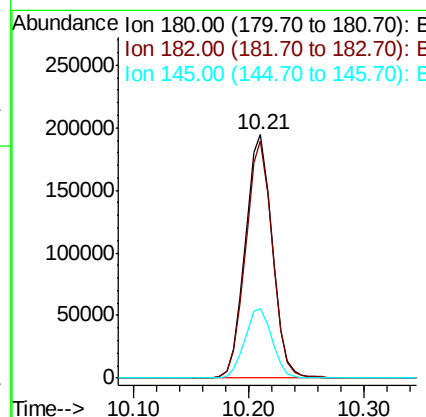
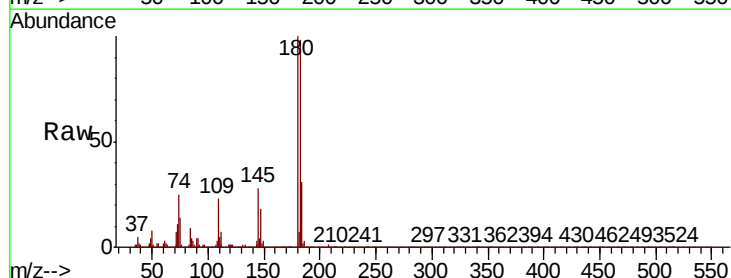
Instrument :
 BNA_P
 ClientSampleId :
 PB130070BS

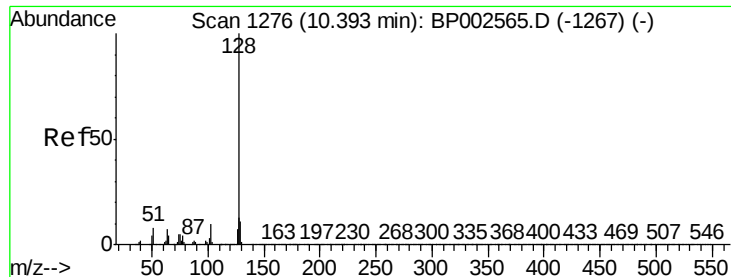
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	46.1	86.1
98	36.0	15.3	55.3



#30
 1,2,4-Trichlorobenzene
 Concen: 43.223 ng
 RT: 10.21 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BP002703.D
 Acq: 09 Jul 2020 18:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	78.2	117.2
145	28.4	22.6	34.0

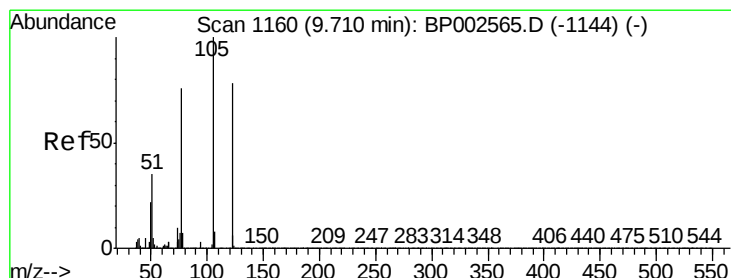
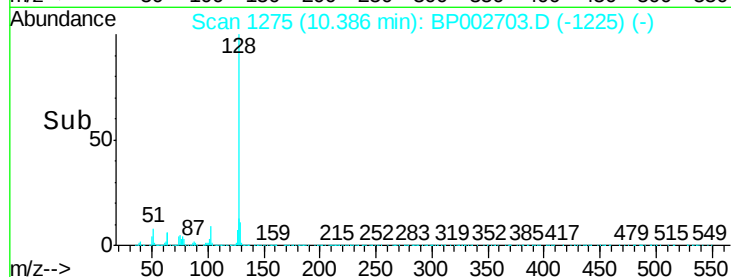
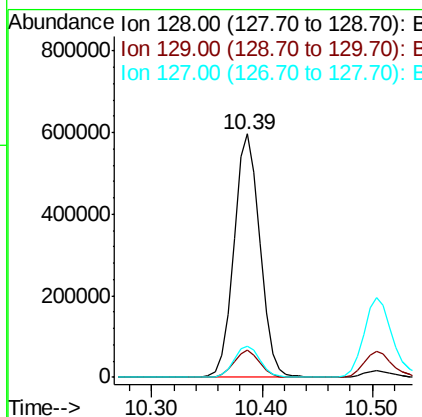
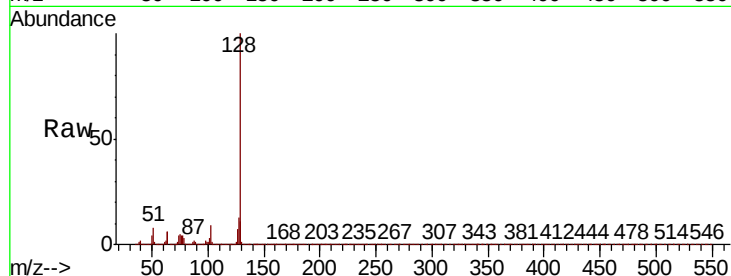




#31
Naphthalene
Concen: 46.986 ng
RT: 10.39 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

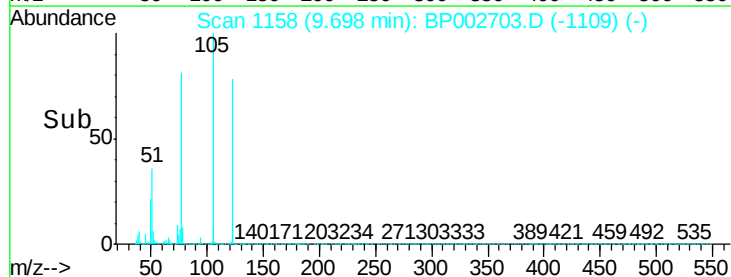
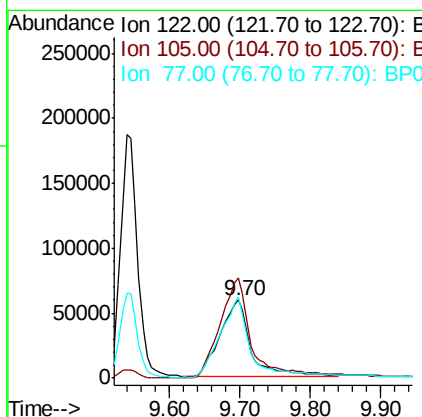
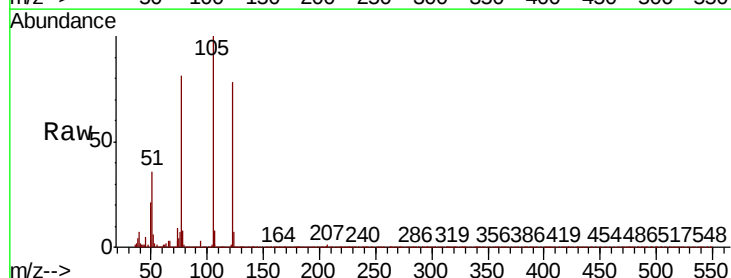
Instrument :
BNA_P
ClientSampleId :
PB130070BS

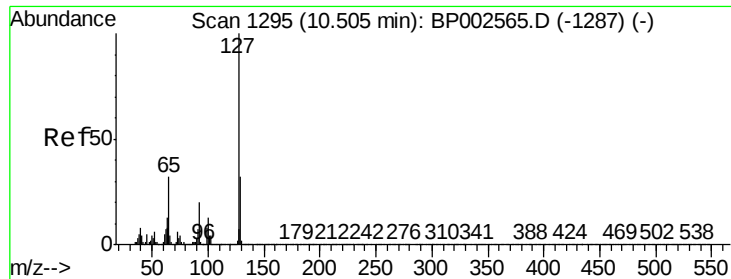
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.0	10.3	15.5



#32
Benzoic acid
Concen: 42.150 ng
RT: 9.70 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.8	106.6	146.6
77	103.5	76.5	116.5

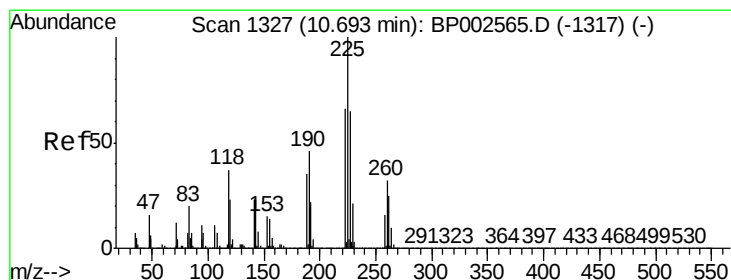
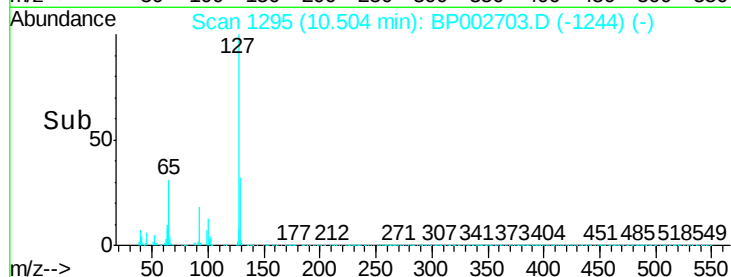
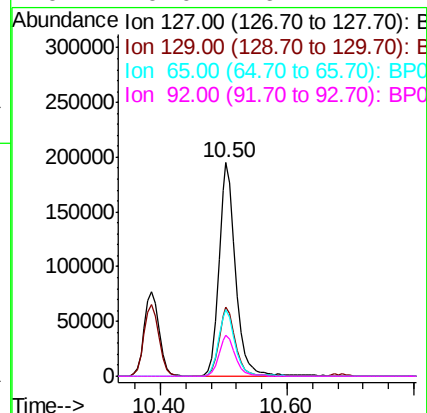
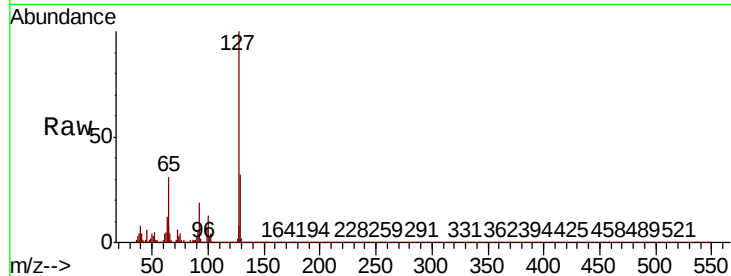




#33
4-Chloroaniline
Concen: 39.190 ng
RT: 10.50 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

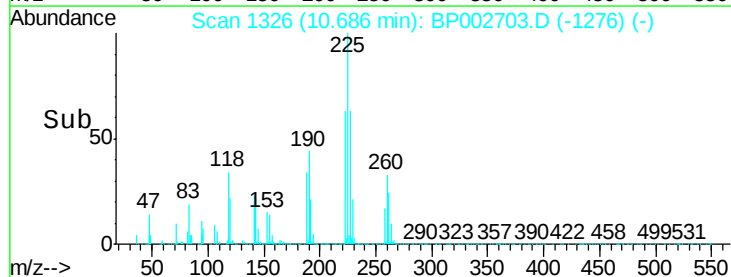
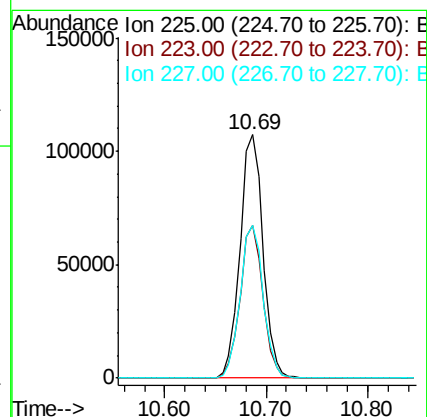
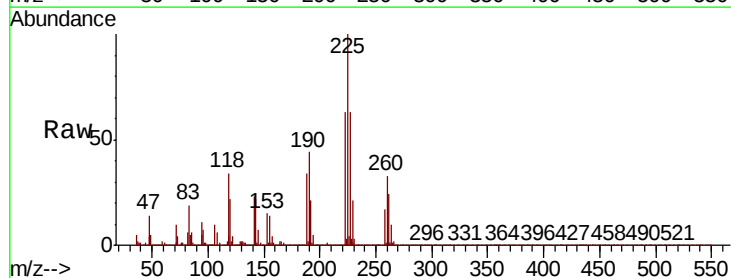
Instrument :
BNA_P
ClientSampleId :
PB130070BS

Tot Ion:	127	Resp:	360050
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.7	38.5
65	31.1	25.7	38.5
92	19.0	16.1	24.1



#34
Hexachlorobutadiene
Concen: 37.791 ng
RT: 10.69 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion:	225	Resp:	169051
Ion	Ratio	Lower	Upper
225	100		
223	62.9	52.6	78.8
227	63.0	52.1	78.1

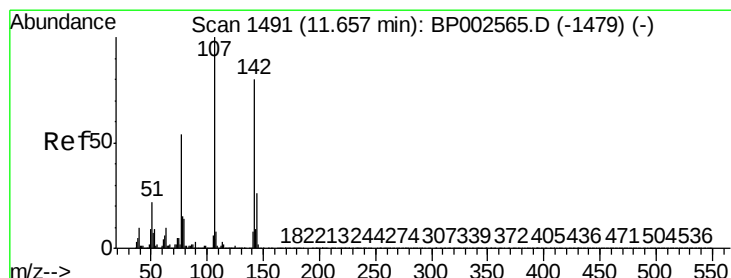
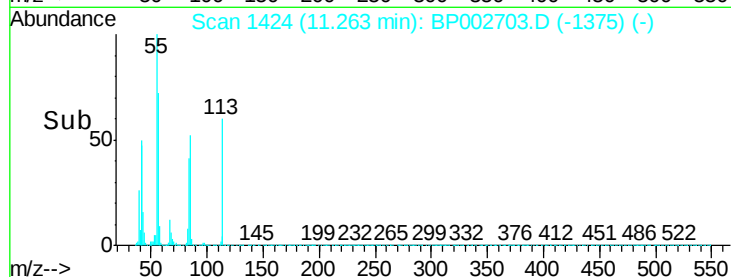
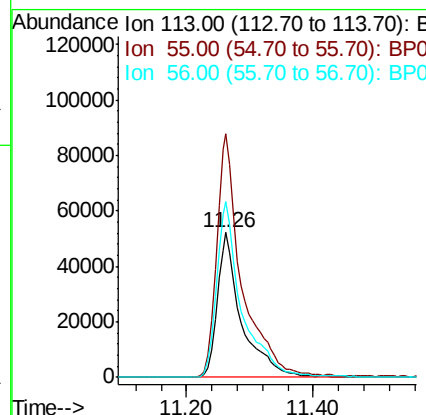
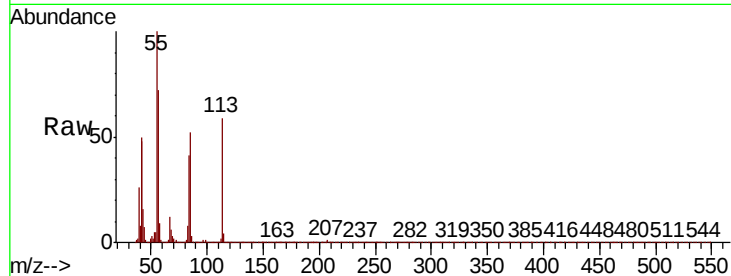




#35
Caprolactam
Concen: 64.365 ng
RT: 11.26 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

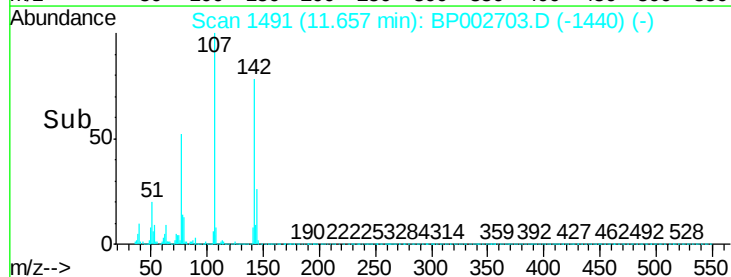
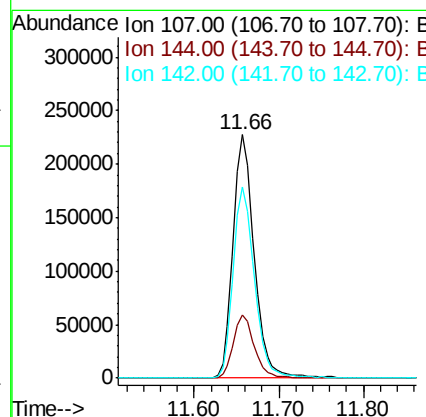
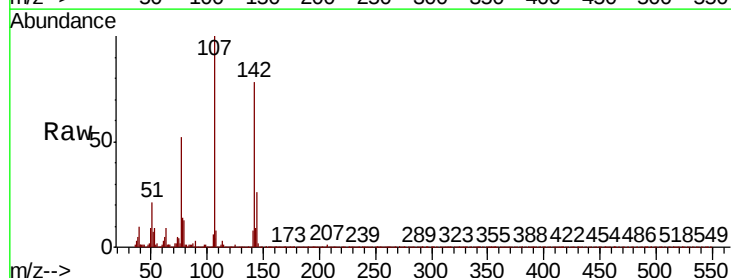
Instrument :
BNA_P
ClientSampleId :
PB130070BS

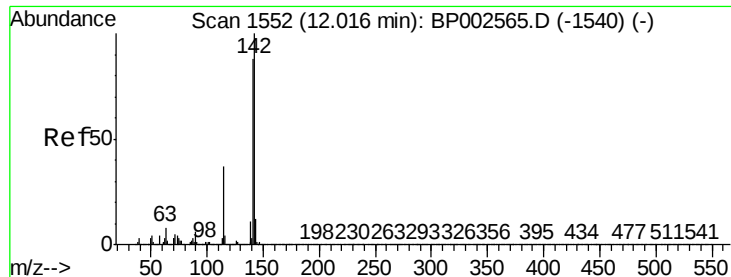
Tot Ion:113 Resp: 140455
Ion Ratio Lower Upper
113 100
55 168.3 143.7 183.7
56 121.1 105.2 145.2



#36
4-Chloro-3-methylphenol
Concen: 55.183 ng
RT: 11.66 min Scan# 1491
Delta R.T. -0.00 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion:107 Resp: 392625
Ion Ratio Lower Upper
107 100
144 26.0 21.0 31.6
142 78.3 63.9 95.9

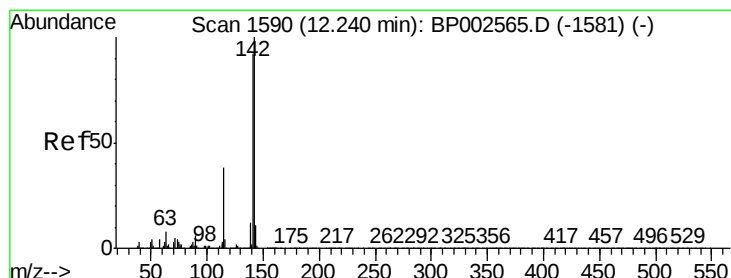
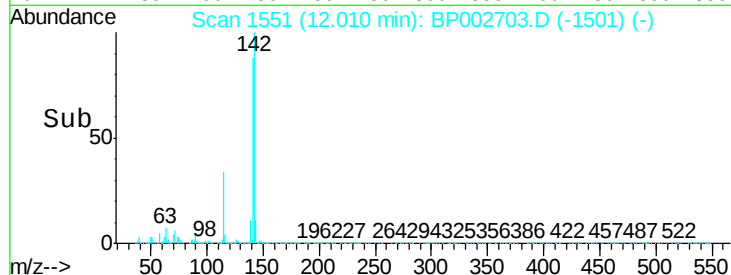
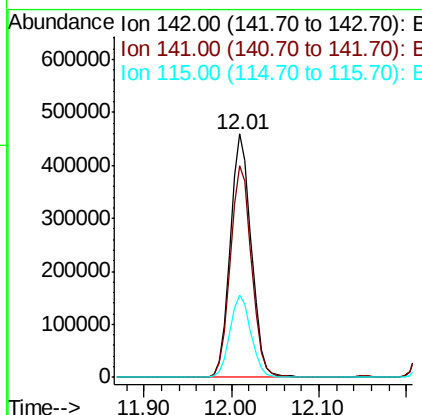
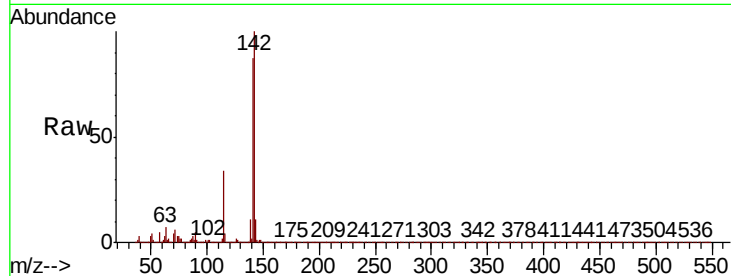




#37
 2-Methylnaphthalene
 Concen: 49.045 ng
 RT: 12.01 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BP002703.D
 Acq: 09 Jul 2020 18:31

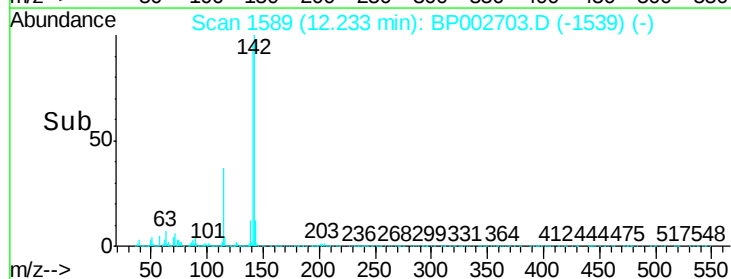
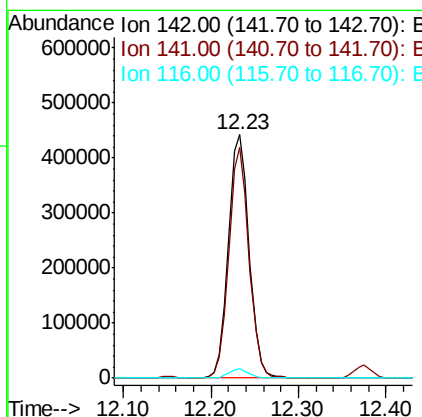
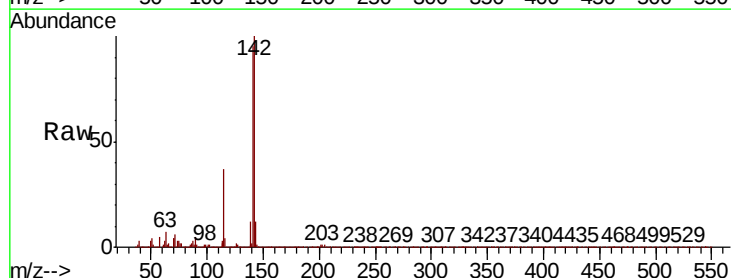
Instrument :
 BNA_P
 ClientSampleId :
 PB130070BS

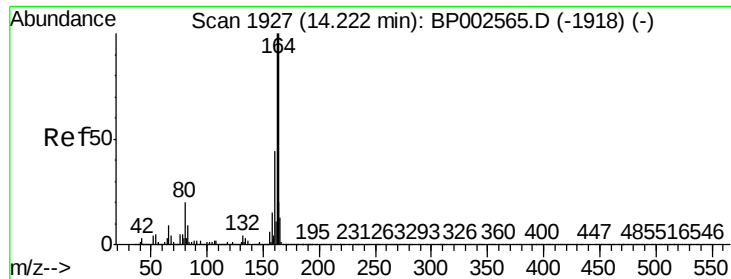
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.1	70.7	106.1
115	33.7	29.7	44.5



#38
 1-Methylnaphthalene
 Concen: 49.401 ng
 RT: 12.23 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BP002703.D
 Acq: 09 Jul 2020 18:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.0	73.4	110.2
116	3.8	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.22 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BP002703.D

Acq: 09 Jul 2020 18:31

Instrument :

BNA_P

ClientSampleId :

PB130070BS

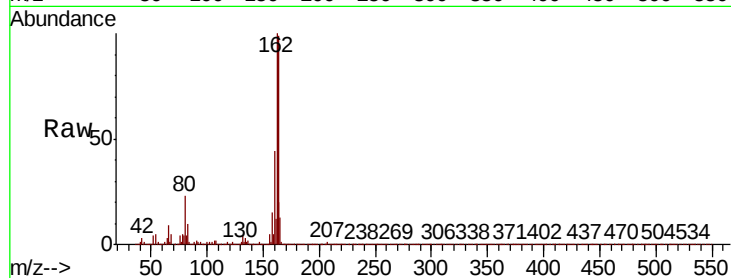
Tot Ion:164 Resp: 287342

Ion Ratio Lower Upper

164 100

162 101.1 80.3 120.5

160 44.5 35.0 52.6



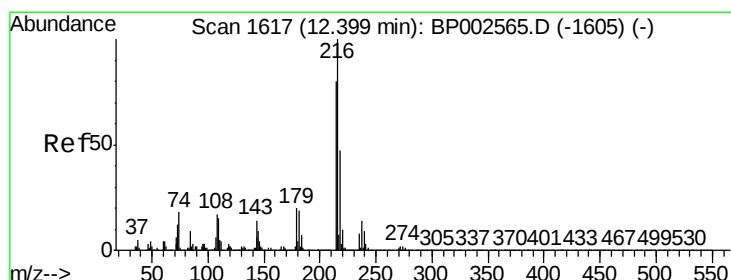
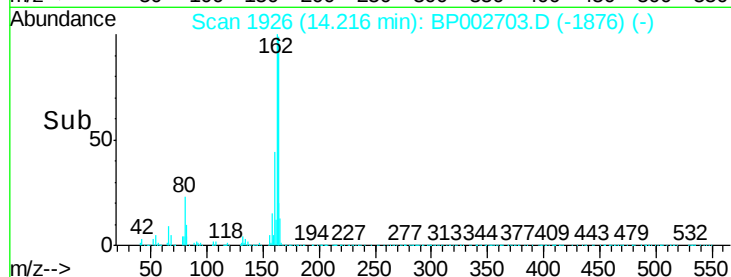
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.22

Time-->



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.420 ng

RT: 12.39 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BP002703.D

Acq: 09 Jul 2020 18:31

Tgt Ion:216 Resp: 371634

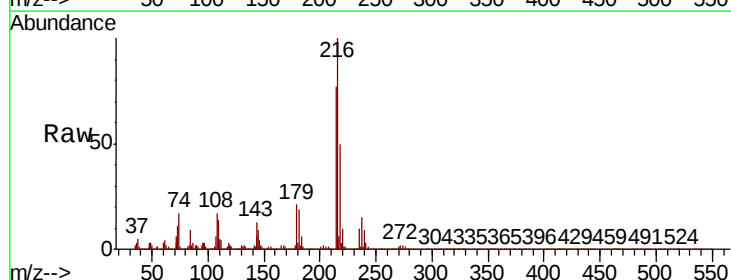
Ion Ratio Lower Upper

216 100

214 78.0 63.2 94.8

179 20.1 16.6 24.8

108 19.3 14.9 22.3



Abundance Ion 216.00 (215.70 to 216.70): E

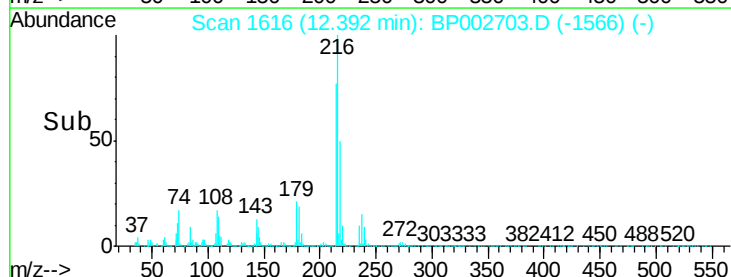
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

12.39

Time-->





#41

Hexachlorocyclopentadiene

Concen: 57.895 ng

RT: 12.37 min Scan# 1613

Delta R.T. -0.01 min

Lab File: BP002703.D

Acq: 09 Jul 2020 18:31

Instrument :

BNA_P

ClientSampleId :

PB130070BS

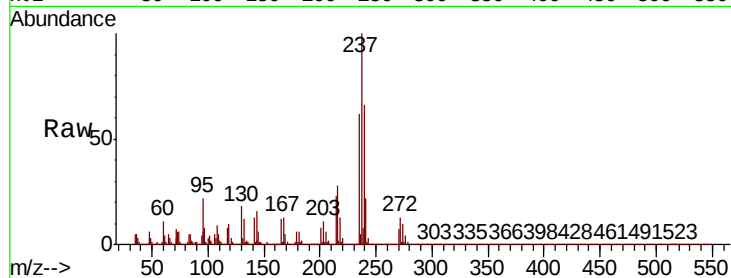
Tot Ion:237 Resp: 265161

Ion Ratio Lower Upper

237 100

235 61.7 45.4 85.4

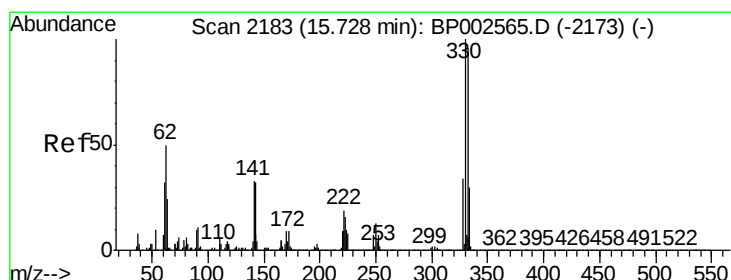
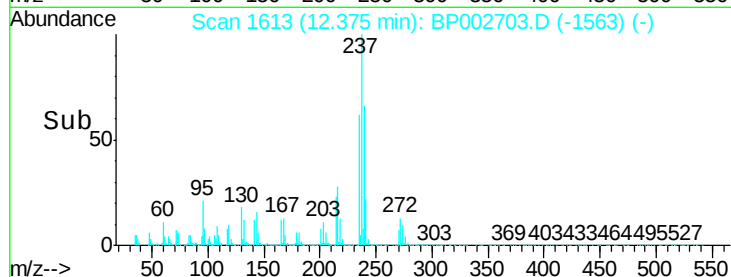
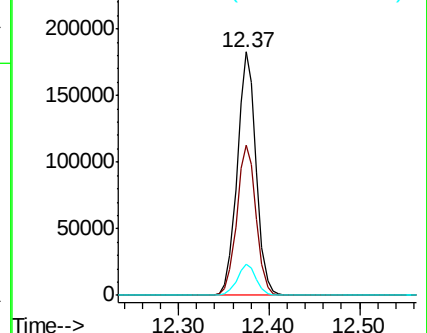
272 13.0 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 138.454 ng

RT: 15.72 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BP002703.D

Acq: 09 Jul 2020 18:31

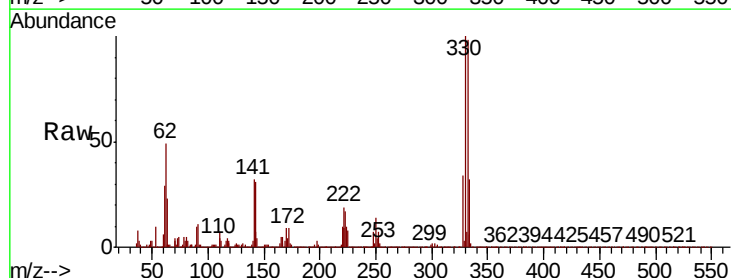
Tgt Ion:330 Resp: 483880

Ion Ratio Lower Upper

330 100

332 96.5 77.7 116.5

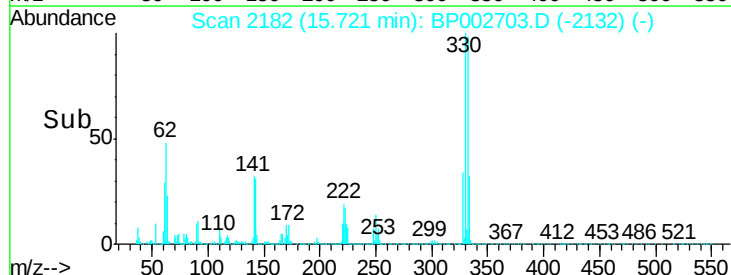
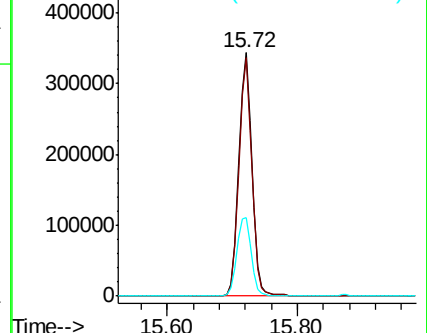
141 35.5 29.0 43.6

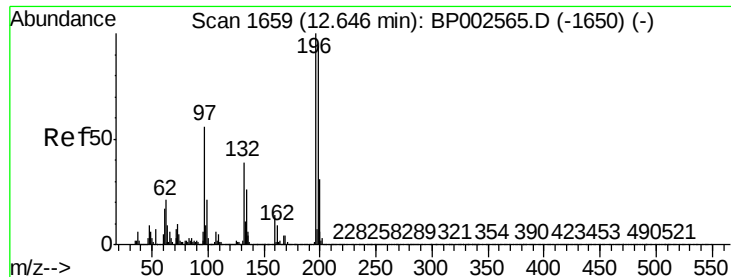


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

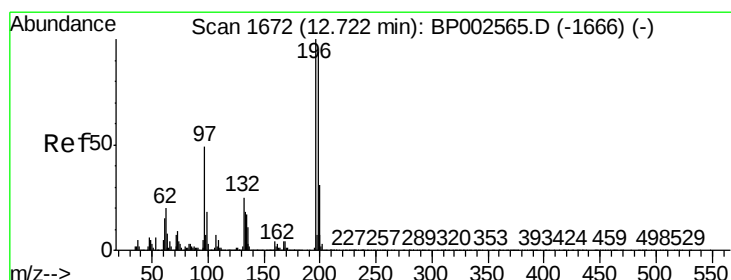
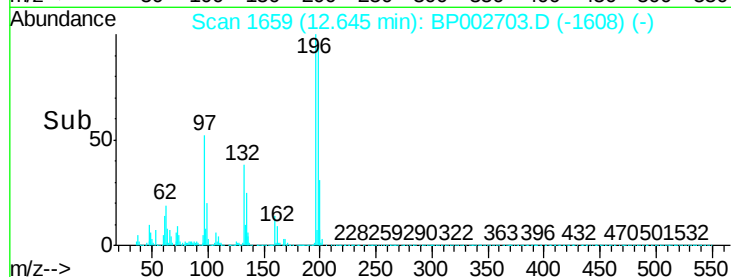
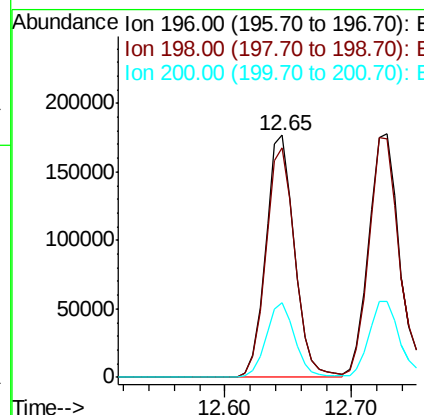
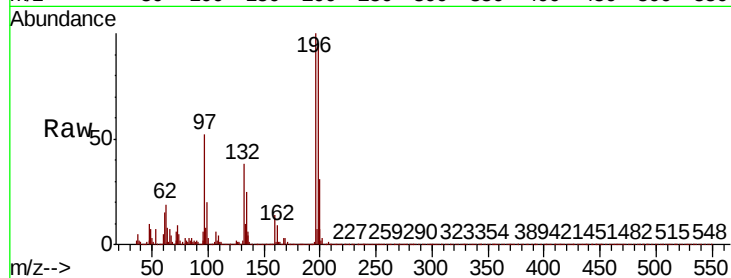




#43
2,4,6-Trichlorophenol
Concen: 45.957 ng
RT: 12.65 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

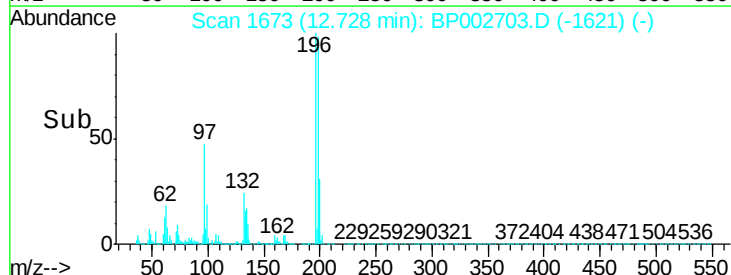
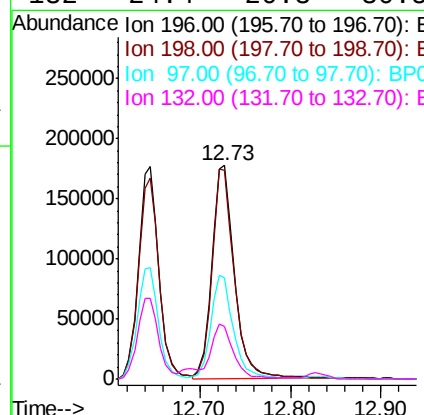
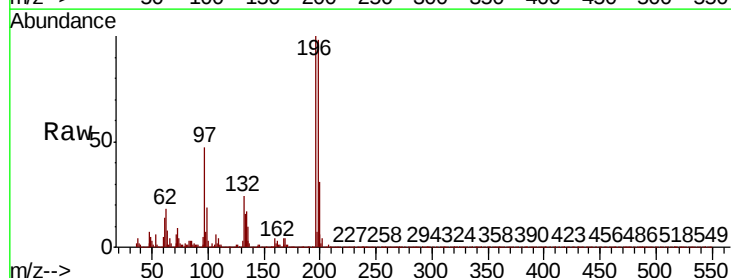
Instrument :
BNA_P
ClientSampleId :
PB130070BS

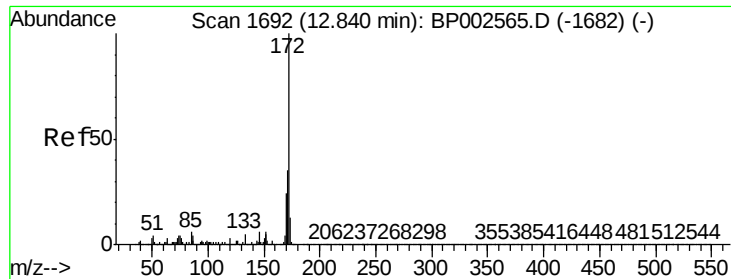
Tot Ion:196 Resp: 279001
Ion Ratio Lower Upper
196 100
198 94.6 75.3 112.9
200 30.6 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 43.986 ng
RT: 12.73 min Scan# 1673
Delta R.T. 0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion:196 Resp: 307398
Ion Ratio Lower Upper
196 100
198 97.9 75.4 113.0
97 47.2 39.3 58.9
132 24.4 20.3 30.5

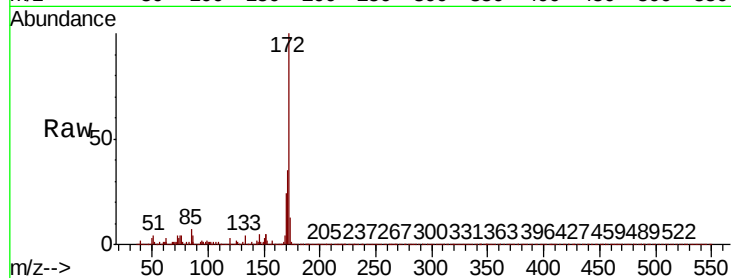




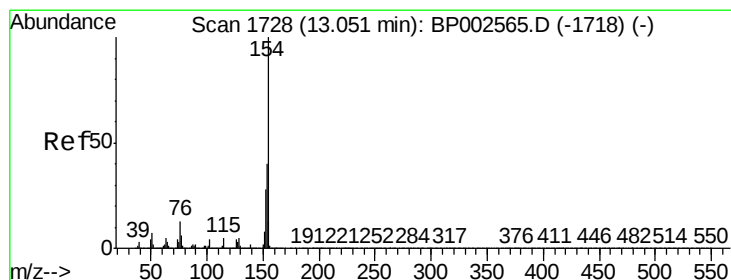
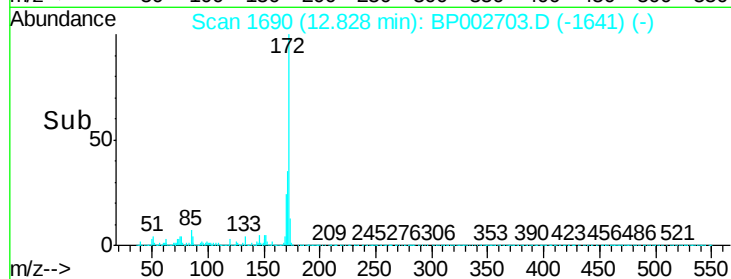
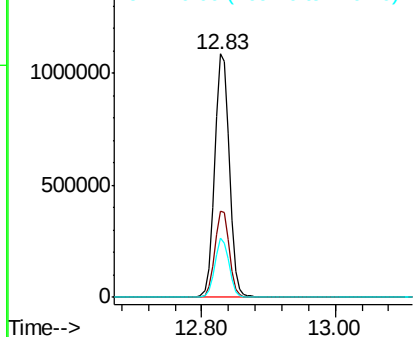
#45
2-Fluorobiphenyl
Concen: 86.656 ng
RT: 12.83 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Instrument :
BNA_P
ClientSampleId :
PB130070BS

Tot Ion:172 Resp: 1691753
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 24.3 19.0 28.4

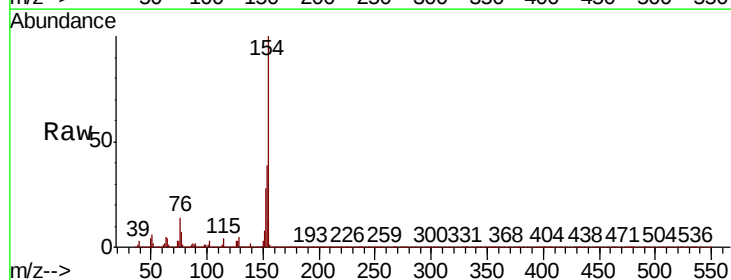


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

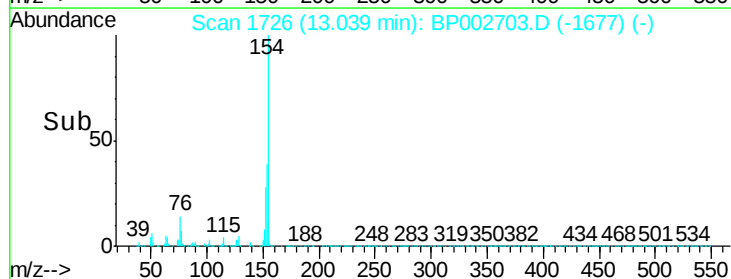
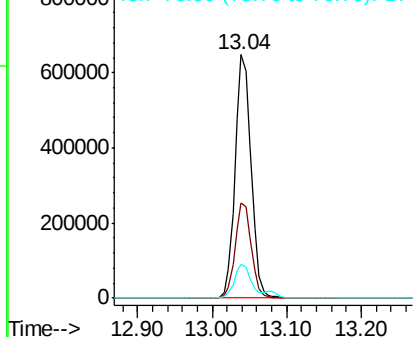


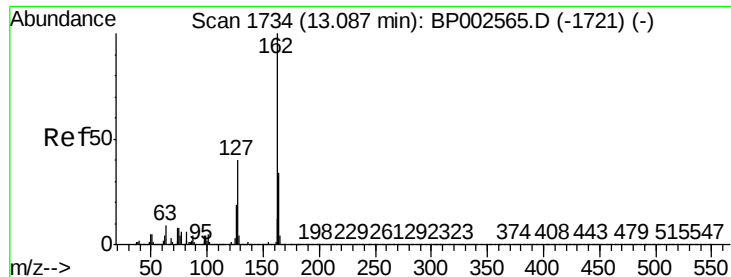
#46
1,1'-Biphenyl
Concen: 44.613 ng
RT: 13.04 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion:154 Resp: 969678
Ion Ratio Lower Upper
154 100
153 38.9 20.0 60.0
76 14.1 0.0 33.0



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

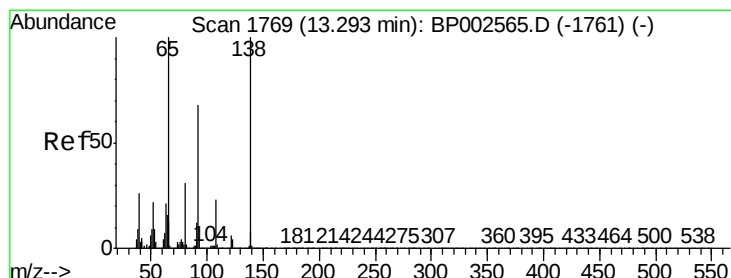
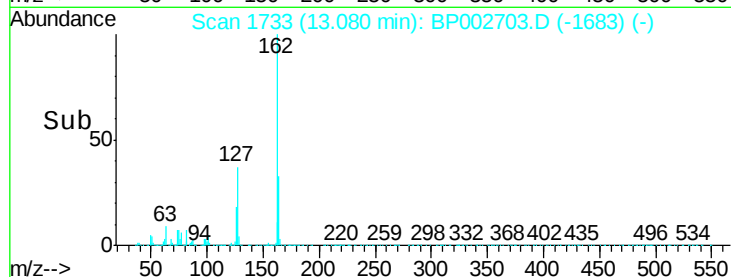
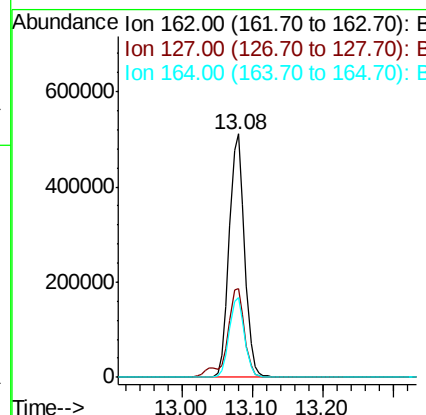
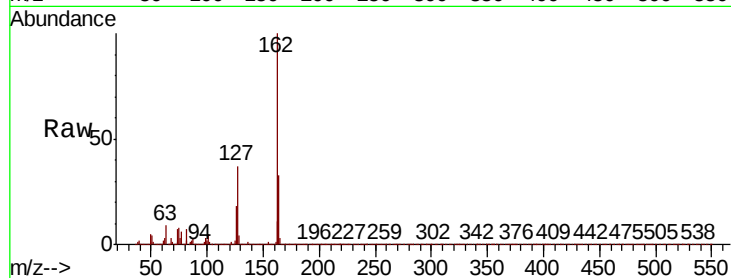




#47
2-Chloronaphthalene
Concen: 43.603 ng
RT: 13.08 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

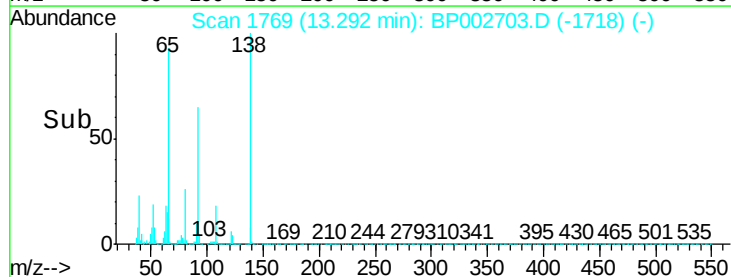
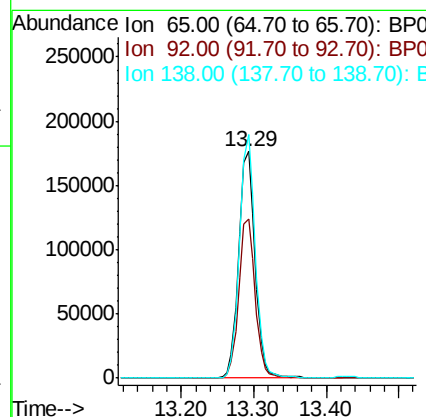
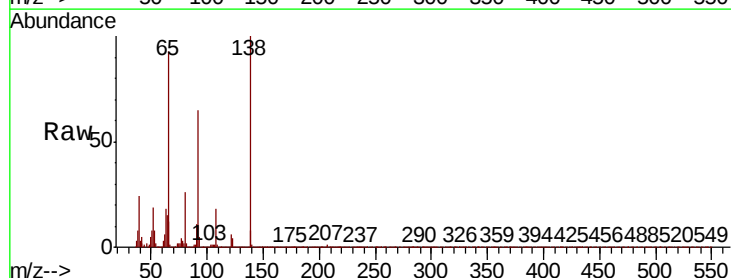
Instrument :
BNA_P
ClientSampleId :
PB130070BS

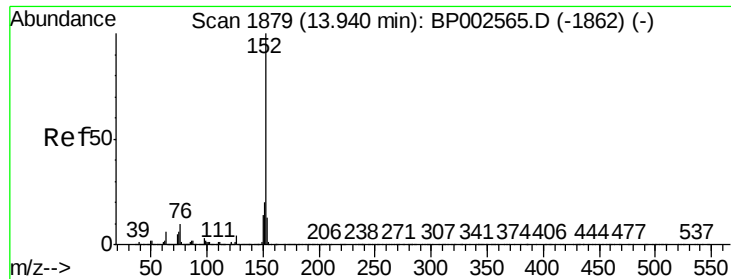
Tot Ion:162 Resp: 771478
Ion Ratio Lower Upper
162 100
127 36.7 31.7 47.5
164 32.7 27.3 40.9



#48
2-Nitroaniline
Concen: 49.534 ng
RT: 13.29 min Scan# 1769
Delta R.T. -0.00 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion: 65 Resp: 279594
Ion Ratio Lower Upper
65 100
92 70.3 54.2 81.4
138 107.4 79.8 119.8





#49

Acenaphthylene

Concen: 46.571 ng

RT: 13.93 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BP002703.D

Acq: 09 Jul 2020 18:31

Instrument :

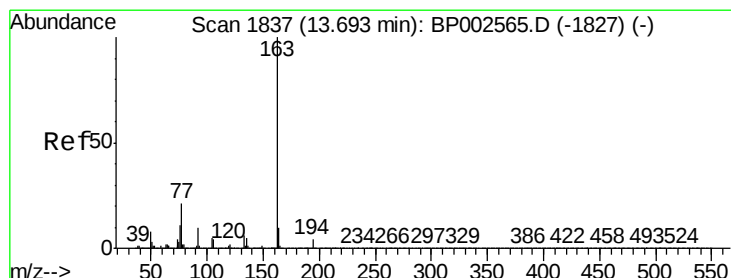
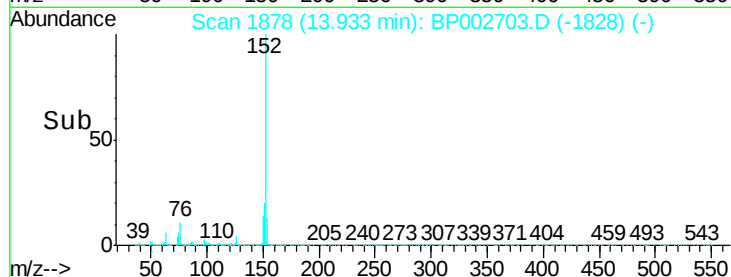
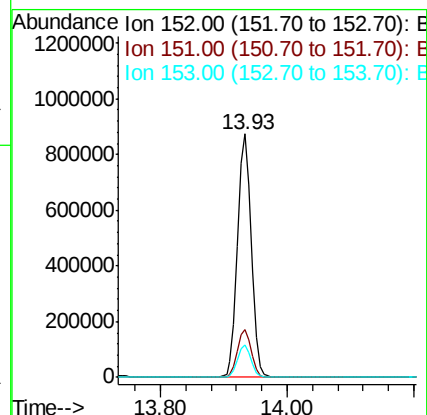
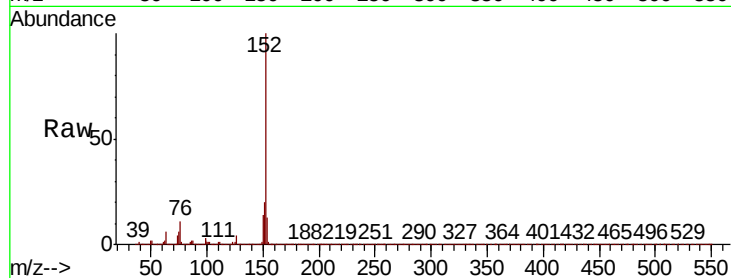
BNA_P

ClientSampleId :

PB130070BS

Tot Ion:152 Resp: 1296777

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.4	10.2	15.2



#50

Dimethylphthalate

Concen: 47.354 ng

RT: 13.68 min Scan# 1835

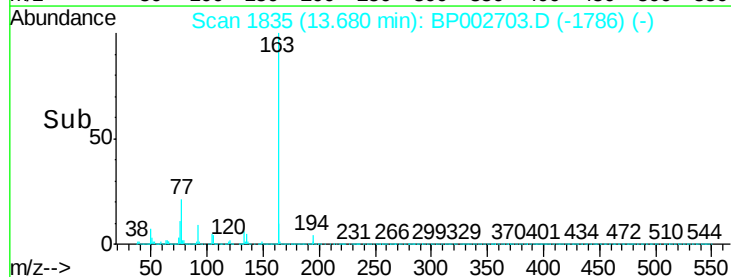
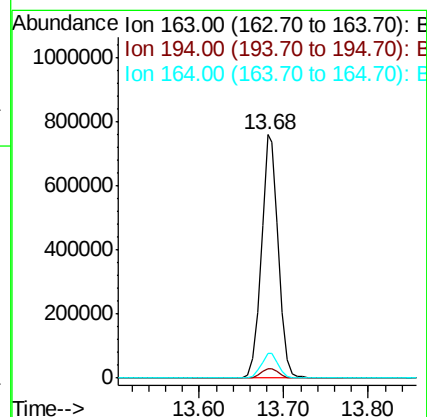
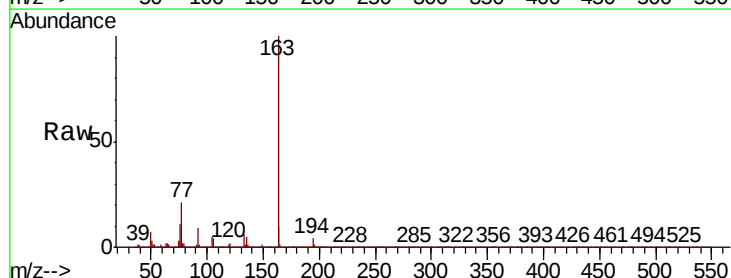
Delta R.T. -0.01 min

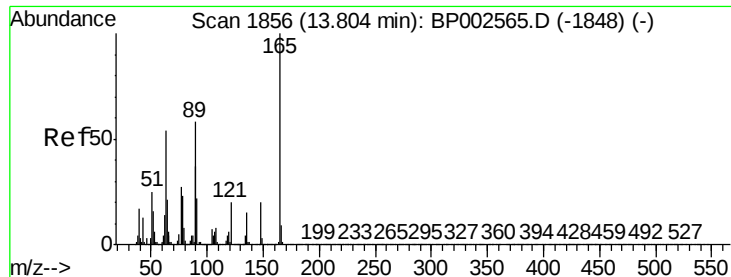
Lab File: BP002703.D

Acq: 09 Jul 2020 18:31

Tgt Ion:163 Resp: 1068702

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.2	8.2	12.4

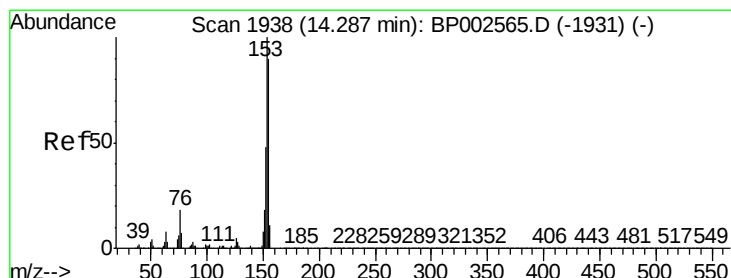
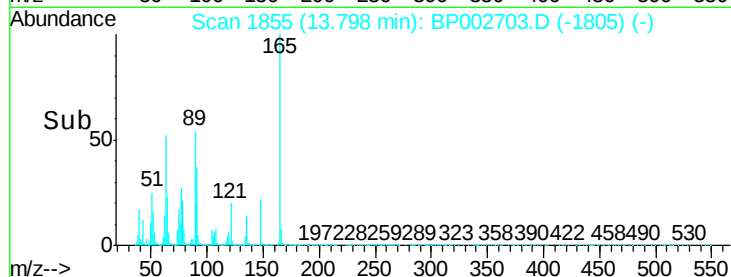
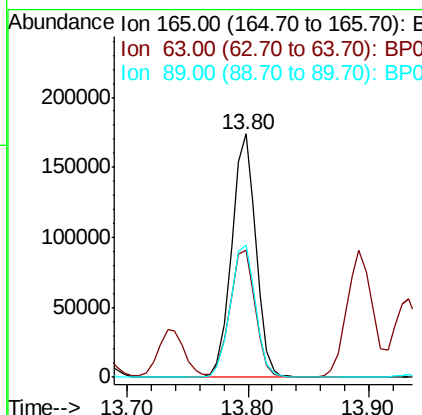
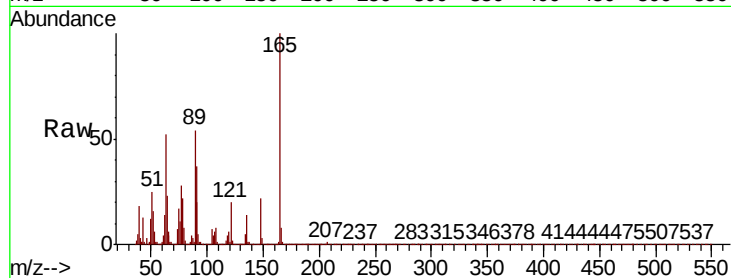




#51
 2,6-Dinitrotoluene
 Concen: 49.654 ng
 RT: 13.80 min Scan# 1855
 Delta R.T. -0.01 min
 Lab File: BP002703.D
 Acq: 09 Jul 2020 18:31

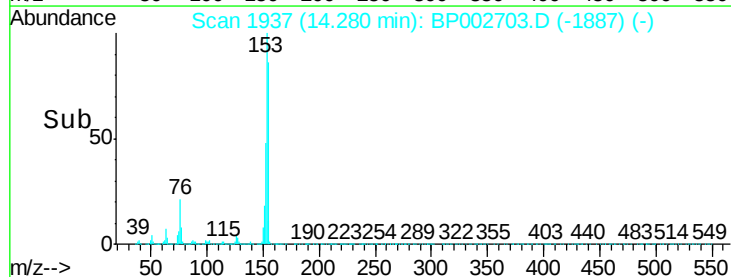
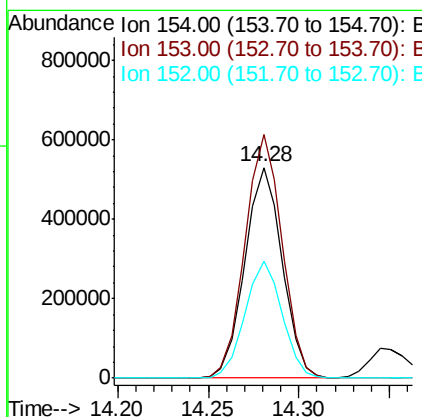
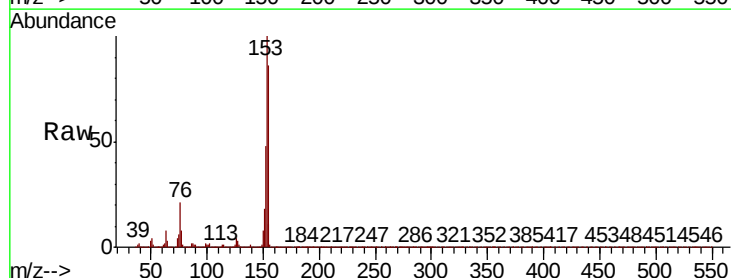
Instrument :
 BNA_P
 ClientSampleId :
 PB130070BS

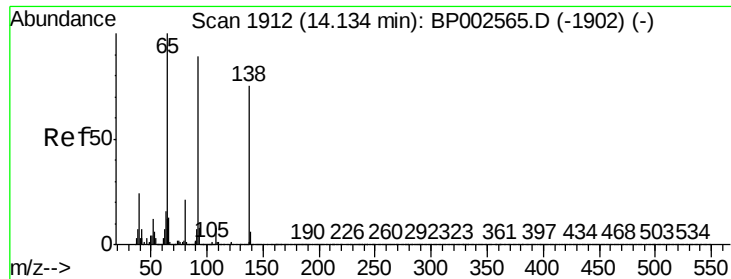
Tot Ion	Ratio	Lower	Upper
165	100		
63	52.2	46.6	69.8
89	54.1	46.3	69.5



#52
 Acenaphthene
 Concen: 46.268 ng
 RT: 14.28 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: BP002703.D
 Acq: 09 Jul 2020 18:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.7	89.1	133.7
152	55.3	43.2	64.8

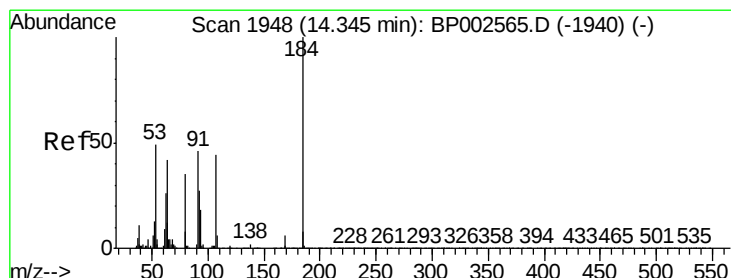
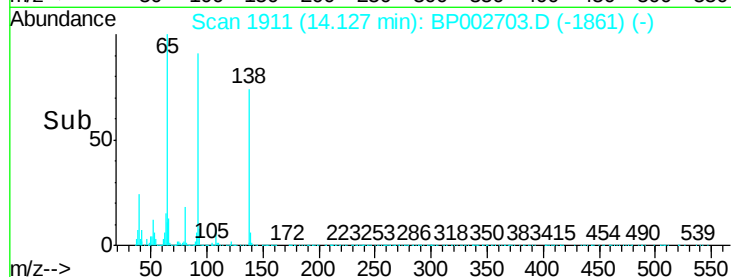
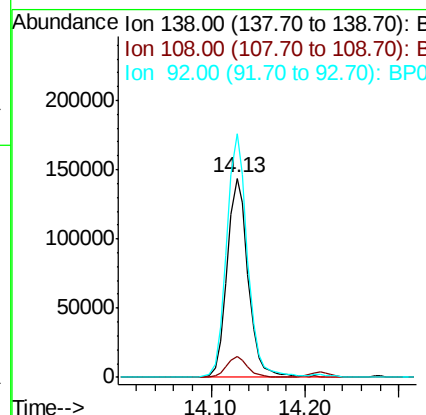
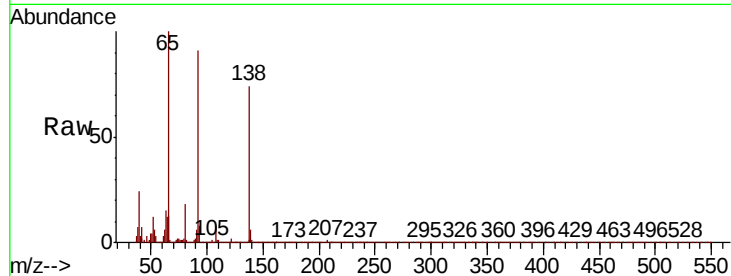




#53
3-Nitroaniline
Concen: 42.383 ng
RT: 14.13 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

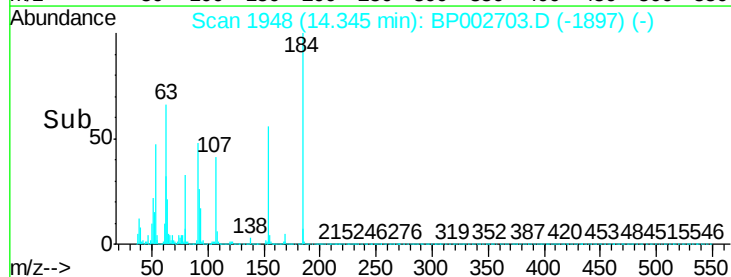
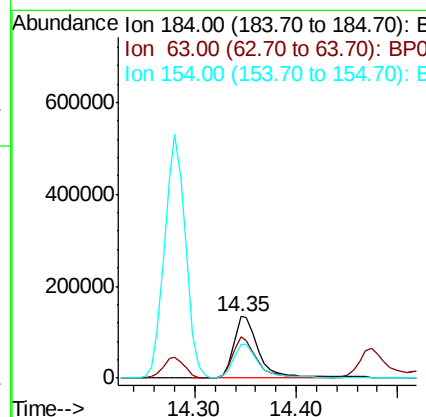
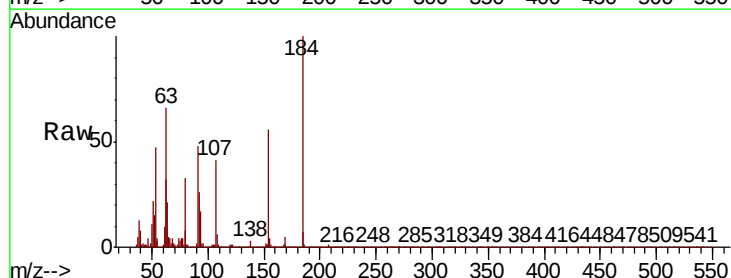
Instrument :
BNA_P
ClientSampleId :
PB130070BS

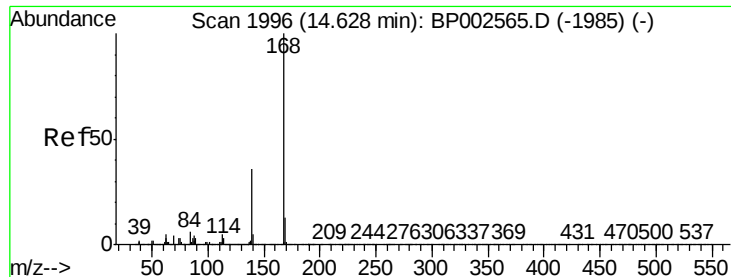
Tot Ion:138 Resp: 224936
Ion Ratio Lower Upper
138 100
108 10.5 8.6 12.8
92 122.5 94.9 142.3



#54
2,4-Dinitrophenol
Concen: 75.961 ng
RT: 14.35 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion:184 Resp: 229805
Ion Ratio Lower Upper
184 100
63 66.4 56.2 84.2
154 55.7 50.9 76.3

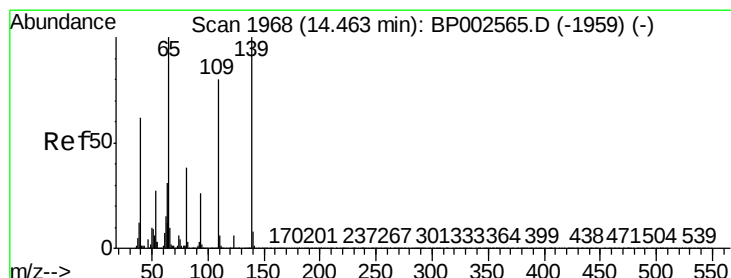
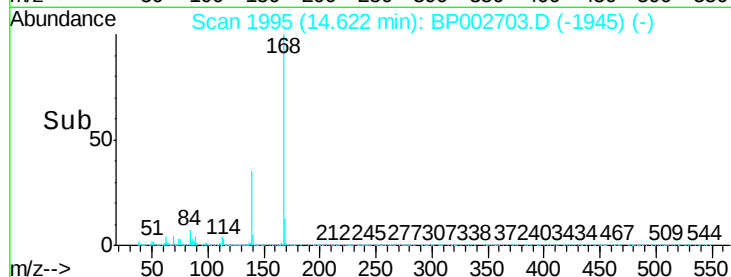
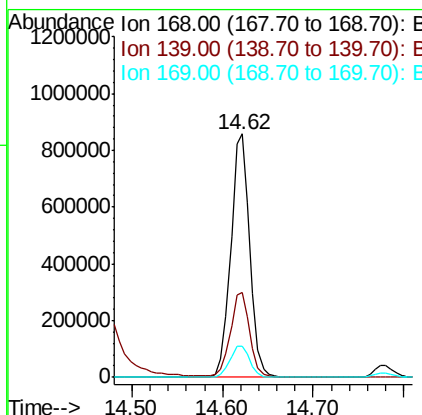
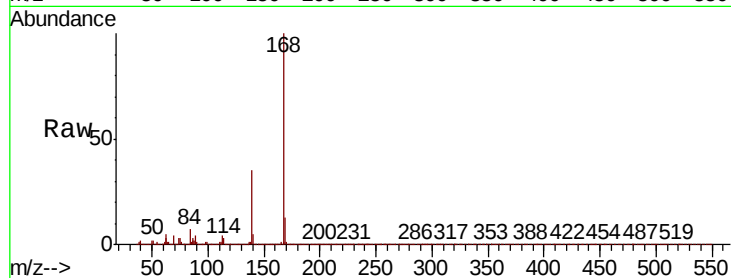




#55
Dibenzofuran
Concen: 46.726 ng
RT: 14.62 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

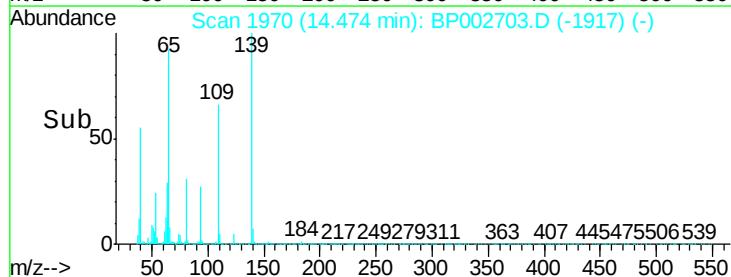
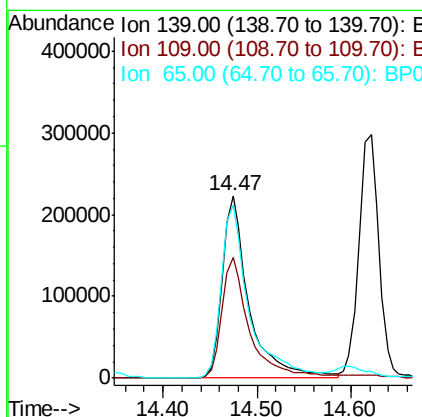
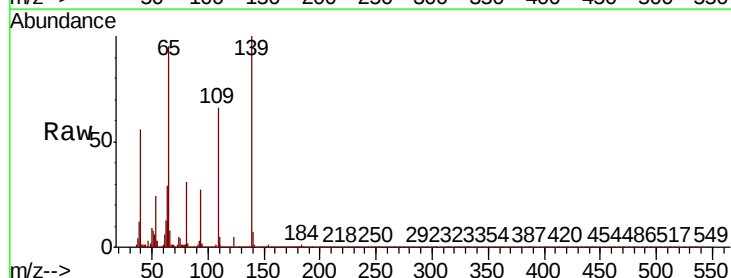
Instrument :
BNA_P
ClientSampleId :
PB130070BS

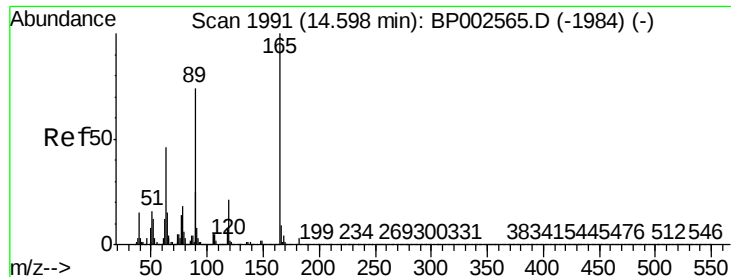
Tot Ion:168 Resp: 1244031
Ion Ratio Lower Upper
168 100
139 34.7 29.3 43.9
169 13.0 10.6 15.8



#56
4-Nitrophenol
Concen: 105.119 ng
RT: 14.47 min Scan# 1970
Delta R.T. 0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion:139 Resp: 443708
Ion Ratio Lower Upper
139 100
109 66.4 60.1 100.1
65 94.7 80.3 120.3





#57

2,4-Dinitrotoluene

Concen: 53.339 ng

RT: 14.60 min Scan# 1991

Delta R.T. -0.00 min

Lab File: BP002703.D

Acq: 09 Jul 2020 18:31

Instrument :

BNA_P

ClientSampleId :

PB130070BS

Tot Ion:165 Resp: 349733

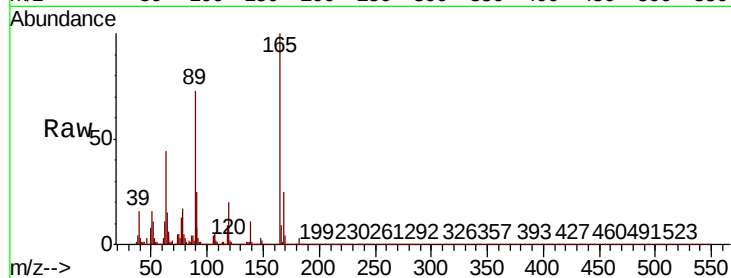
Ion Ratio Lower Upper

165 100

63 43.9 37.3 55.9

89 73.4 59.4 89.0

182 2.7 2.2 3.2

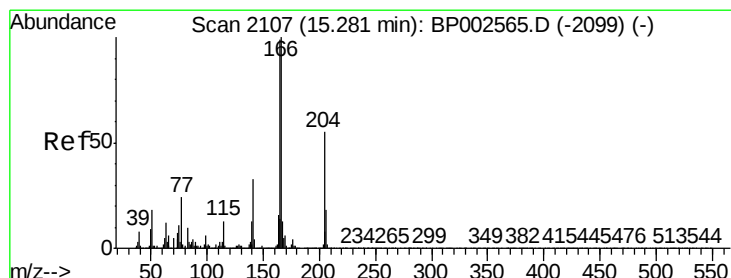
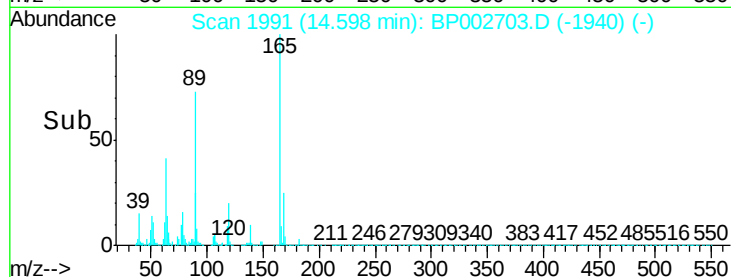
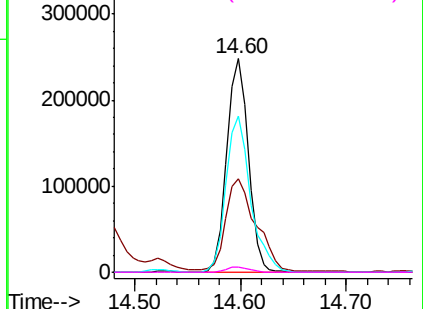


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 49.053 ng

RT: 15.27 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BP002703.D

Acq: 09 Jul 2020 18:31

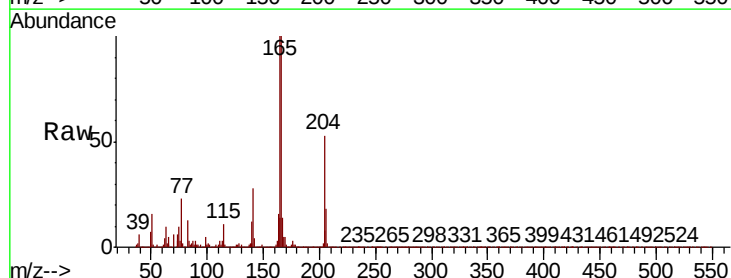
Tgt Ion:166 Resp: 994630

Ion Ratio Lower Upper

166 100

165 100.1 79.1 118.7

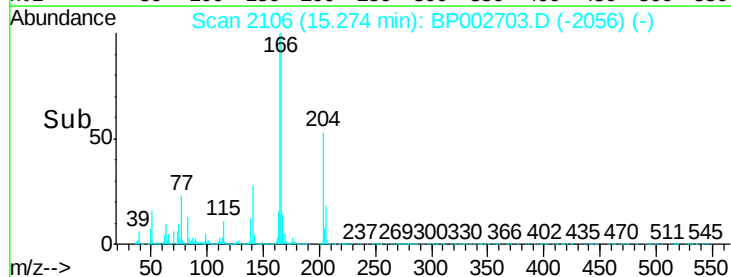
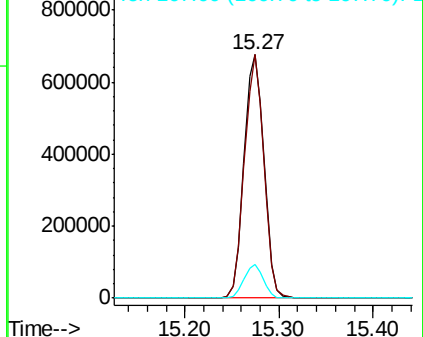
167 14.0 10.8 16.2

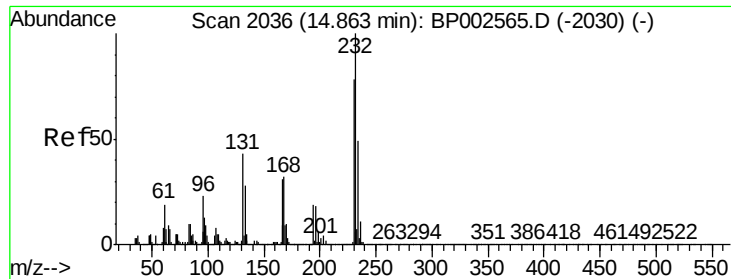


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

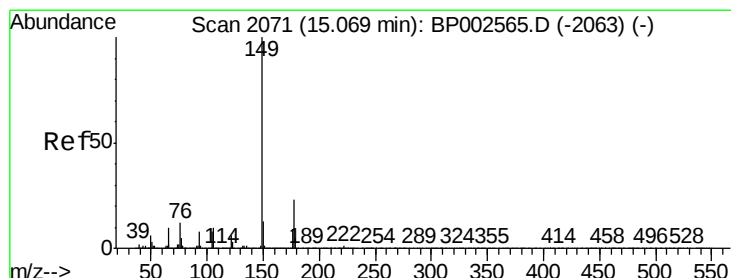
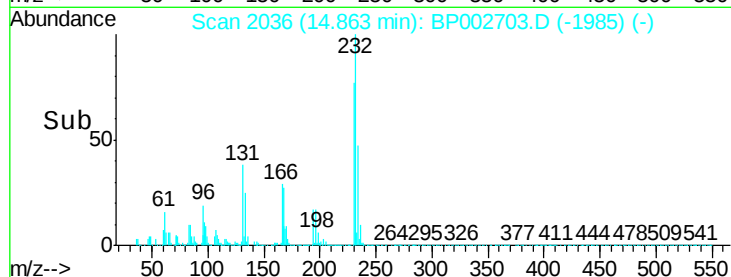
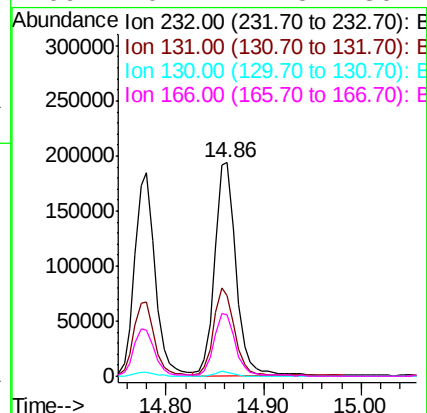
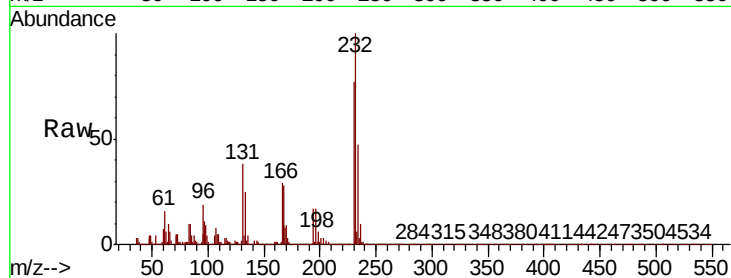




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.864 ng
RT: 14.86 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

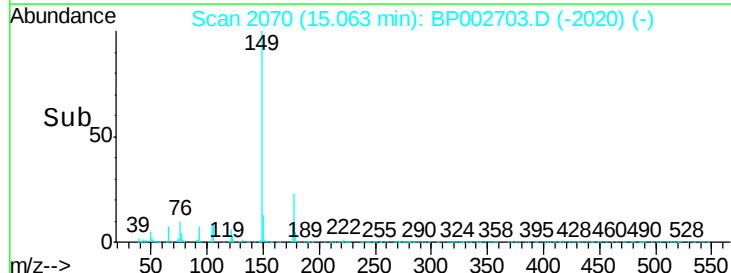
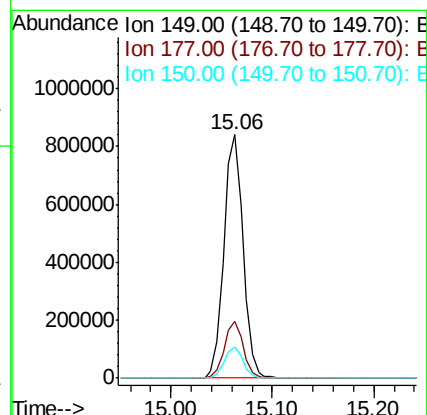
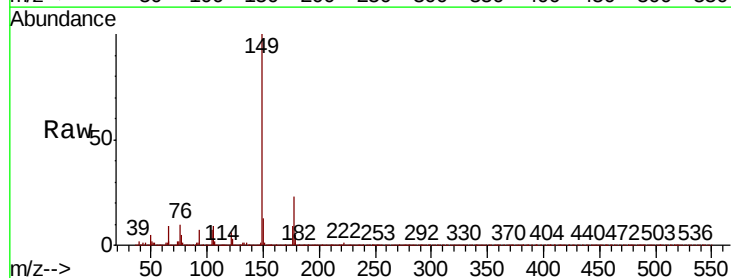
Instrument :
BNA_P
ClientSampleId :
PB130070BS

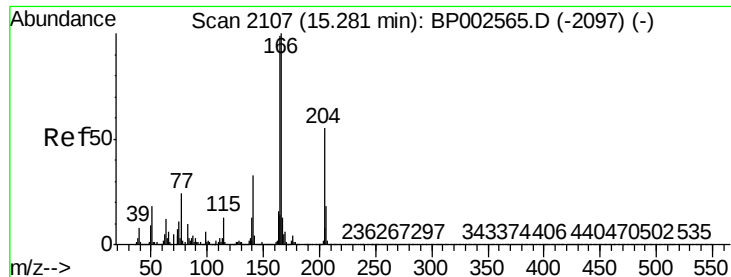
Tot Ion:232	Resp:	292798	
Ion Ratio	Lower	Upper	
232 100			
131 40.9	34.4	51.6	
130 2.0	1.8	2.6	
166 29.7	24.5	36.7	



#60
Diethylphthalate
Concen: 49.101 ng
RT: 15.06 min Scan# 2070
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion:149	Resp: 1101906
Ion Ratio	Lower Upper
149 100	
177 23.2	18.6 27.8
150 12.7	10.2 15.2

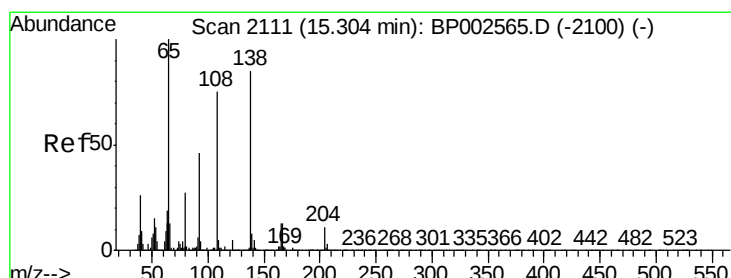
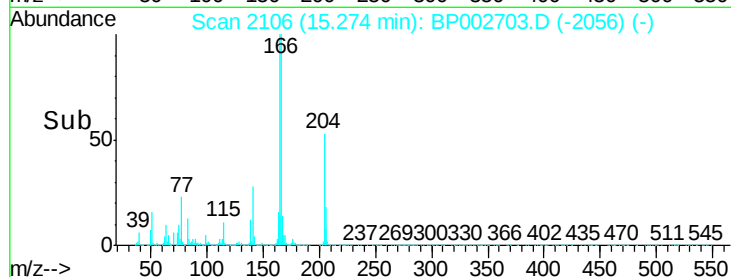
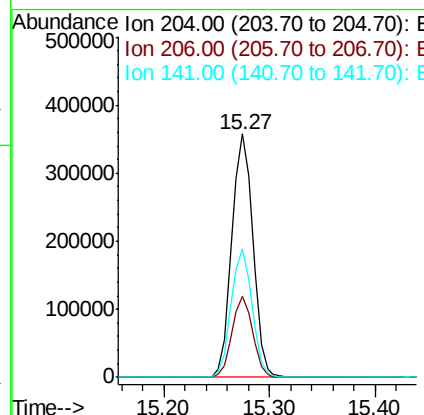
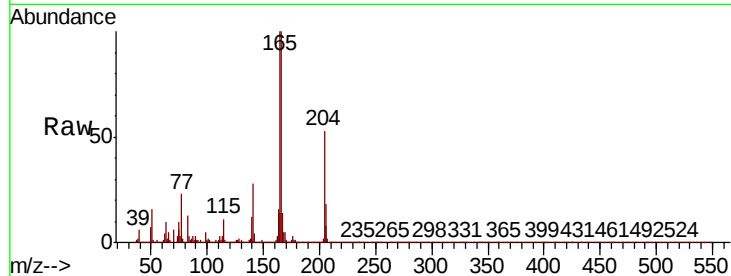




#61
4-Chlorophenyl-phenylether
Concen: 45.314 ng
RT: 15.27 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

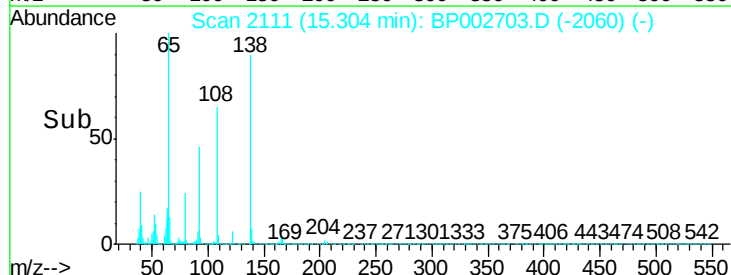
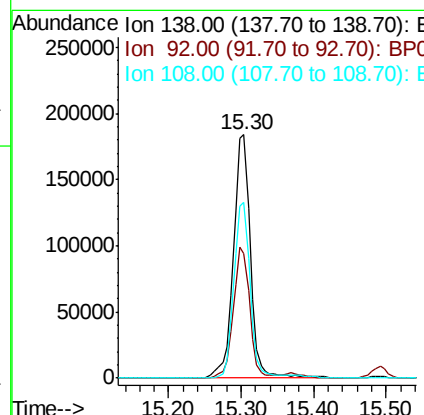
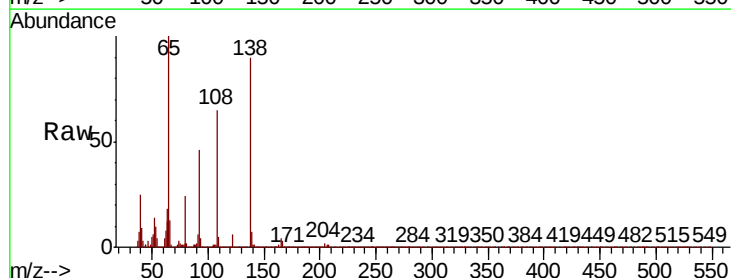
Instrument :
BNA_P
ClientSampleId :
PB130070BS

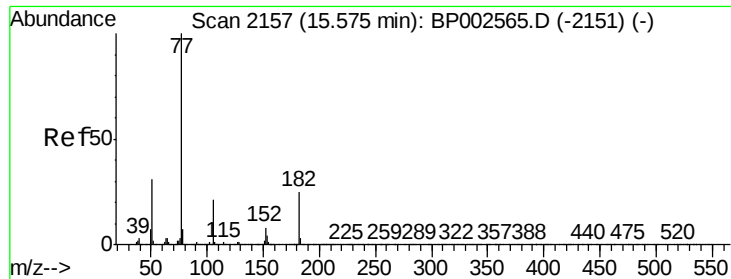
Tot Ion:204 Resp: 492745
Ion Ratio Lower Upper
204 100
206 33.5 26.6 39.8
141 52.5 47.7 71.5



#62
4-Nitroaniline
Concen: 56.907 ng
RT: 15.30 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion:138 Resp: 301859
Ion Ratio Lower Upper
138 100
92 51.0 33.9 73.9
108 72.1 67.8 107.8





#63

Azobenzene

Concen: 51.544 ng

RT: 15.57 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BP002703.D

Acq: 09 Jul 2020 18:31

Instrument :

BNA_P

ClientSampleId :

PB130070BS

Tot Ion: 77 Resp: 1118462

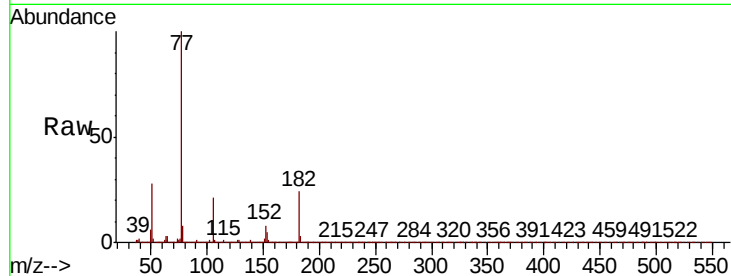
Ion Ratio Lower Upper

77 100

182 24.0 4.7 44.7

105 20.6 0.6 40.6

51 27.5 11.2 51.2

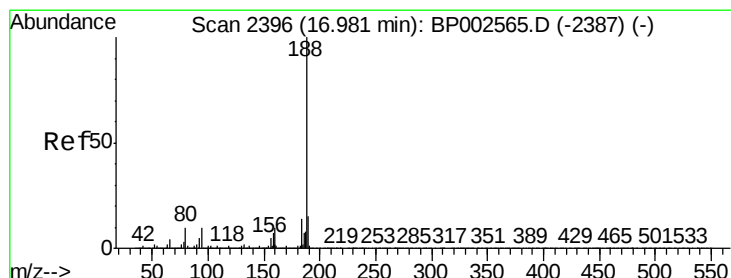
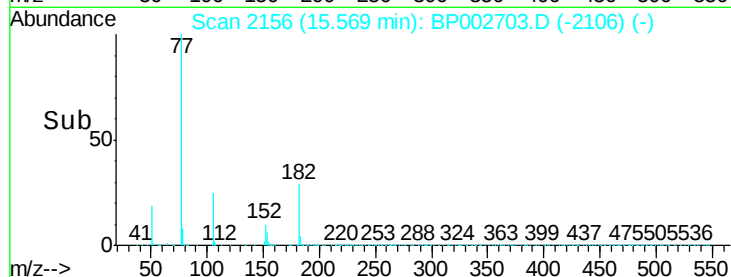
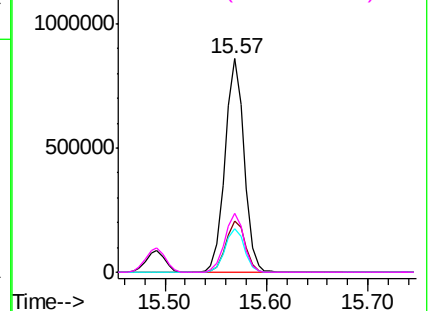


Abundance Ion 77.00 (76.70 to 77.70): BP0

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: BP002703.D

Acq: 09 Jul 2020 18:31

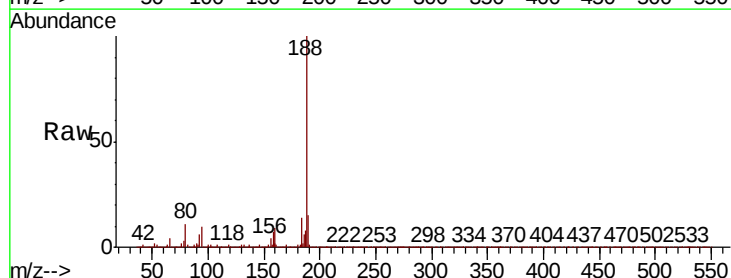
Tgt Ion: 188 Resp: 704605

Ion Ratio Lower Upper

188 100

94 10.3 7.8 11.6

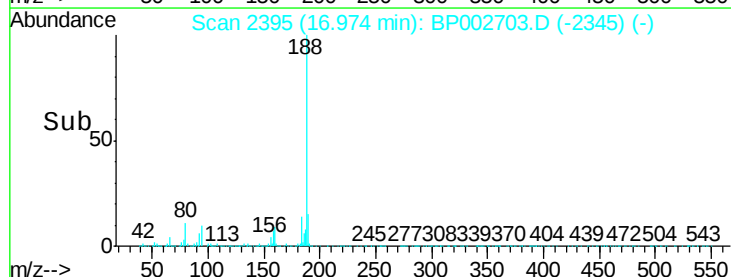
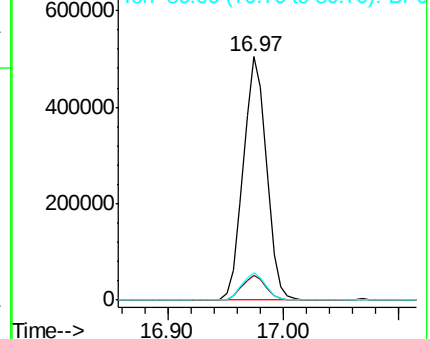
80 11.3 8.2 12.4

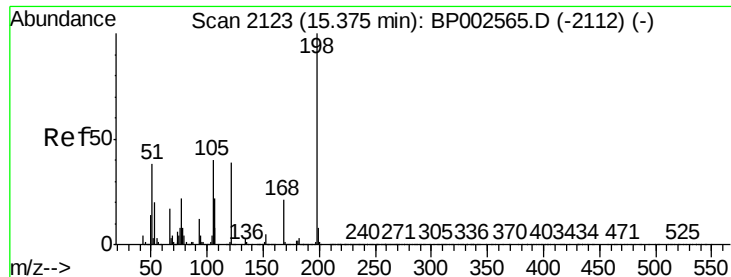


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

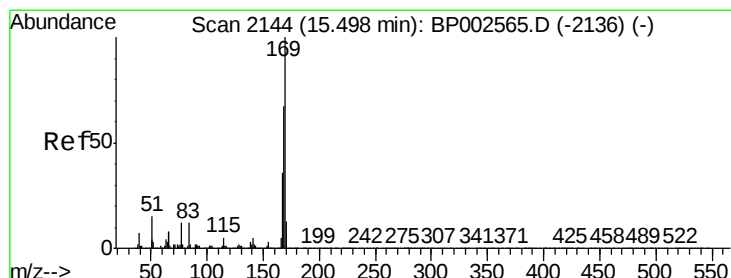
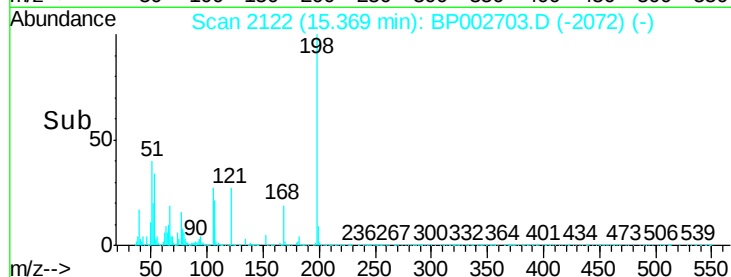
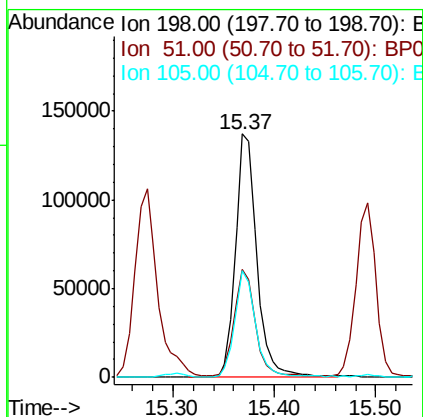
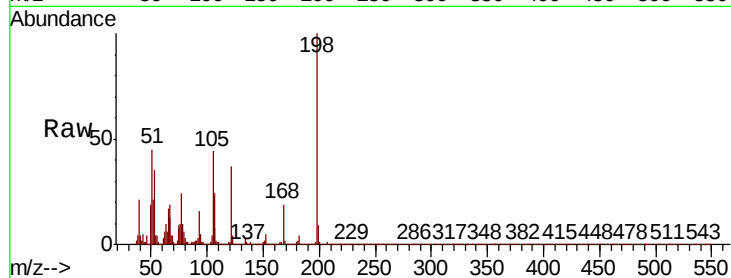




#65
4,6-Dinitro-2-methylphenol
Concen: 44.442 ng
RT: 15.37 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

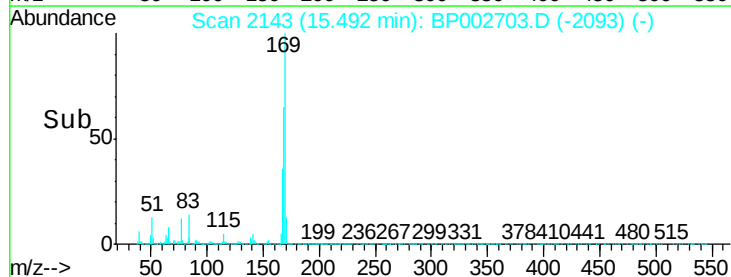
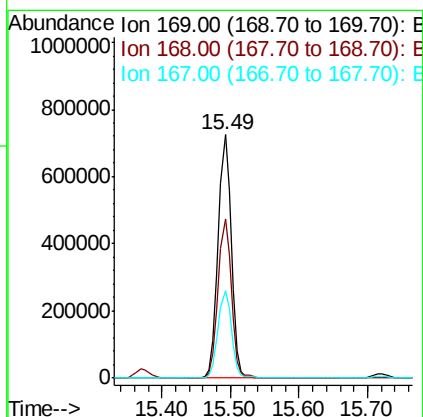
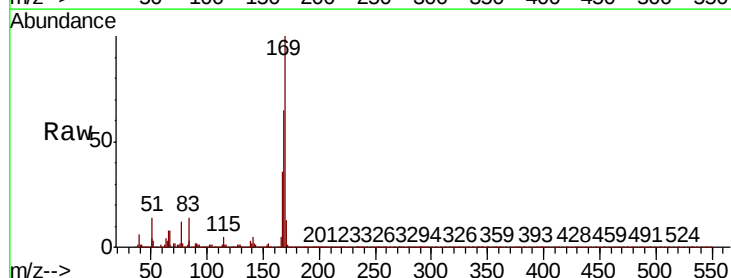
Instrument :
BNA_P
ClientSampleId :
PB130070BS

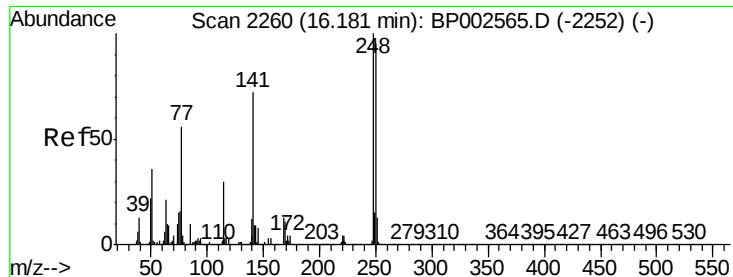
Tot Ion:198 Resp: 200580
Ion Ratio Lower Upper
198 100
51 44.6 24.2 64.2
105 44.0 20.7 60.7



#66
n-Nitrosodiphenylamine
Concen: 46.316 ng
RT: 15.49 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion:169 Resp: 952682
Ion Ratio Lower Upper
169 100
168 65.3 53.5 80.3
167 36.0 29.1 43.7

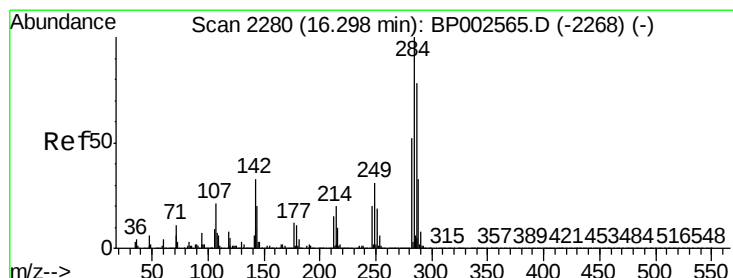
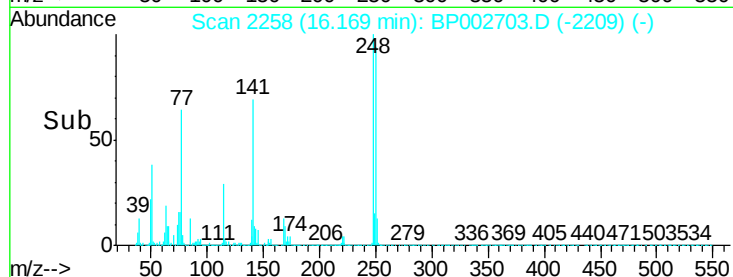
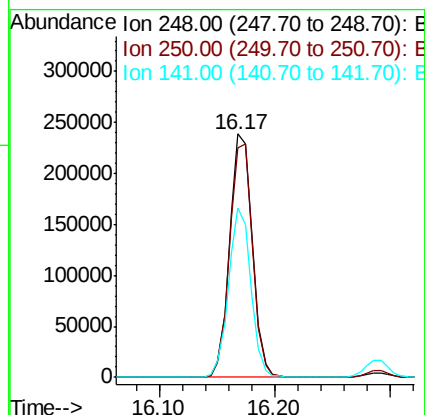
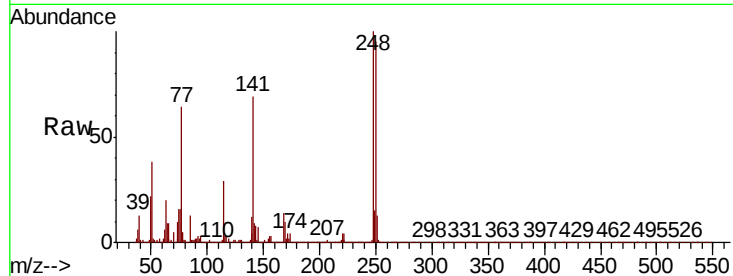




#67
4-Bromophenyl-phenylether
Concen: 41.008 ng
RT: 16.17 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

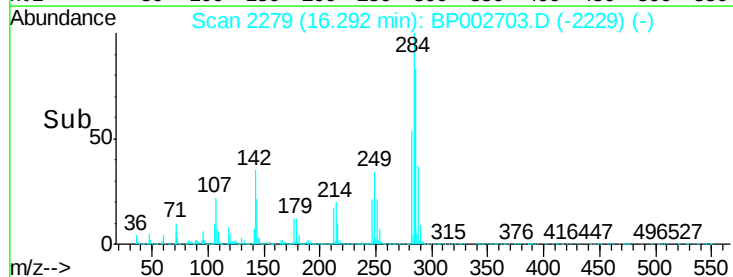
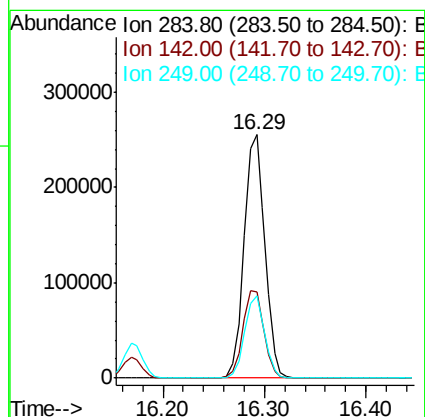
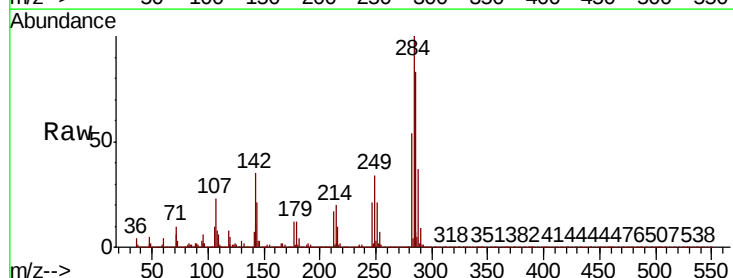
Instrument :
BNA_P
ClientSampleId :
PB130070BS

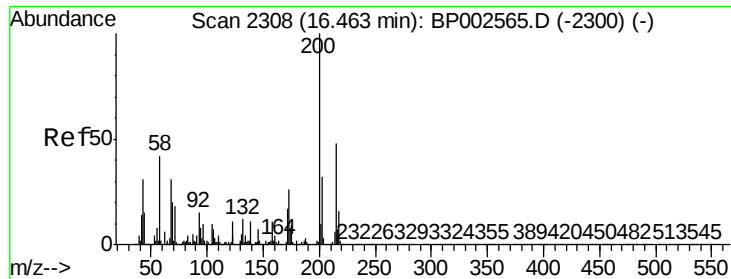
Tot Ion:248 Resp: 324701
Ion Ratio Lower Upper
248 100
250 94.5 76.1 114.1
141 69.4 57.8 86.6



#68
Hexachlorobenzene
Concen: 42.543 ng
RT: 16.29 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion:284 Resp: 360872
Ion Ratio Lower Upper
284 100
142 35.3 26.6 40.0
249 33.8 25.1 37.7

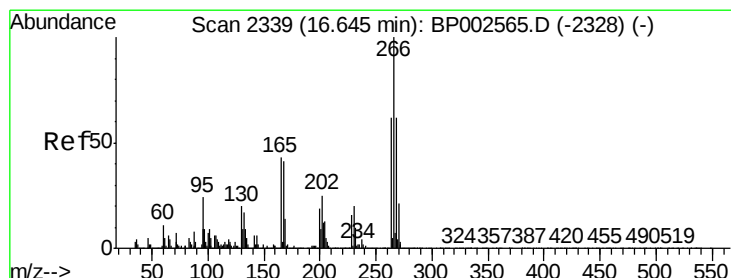
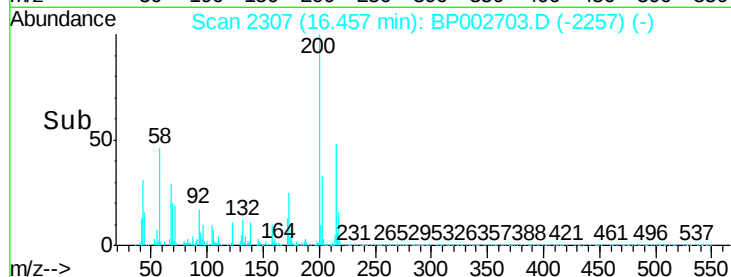
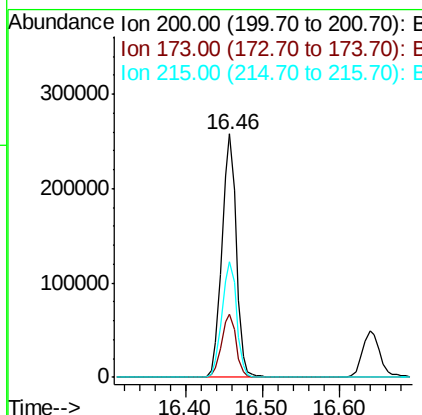
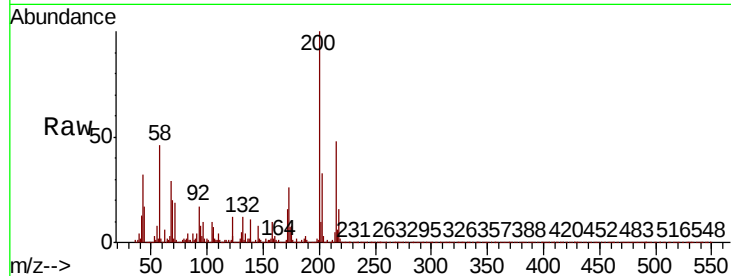




#69
Atrazine
Concen: 50.437 ng
RT: 16.46 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

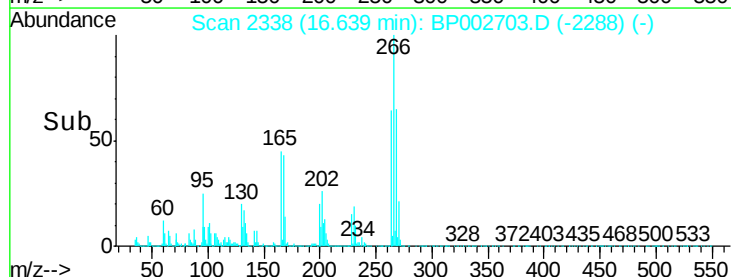
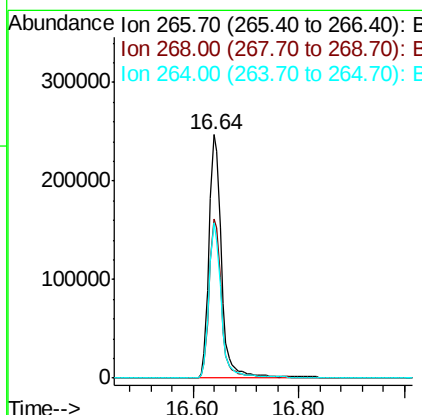
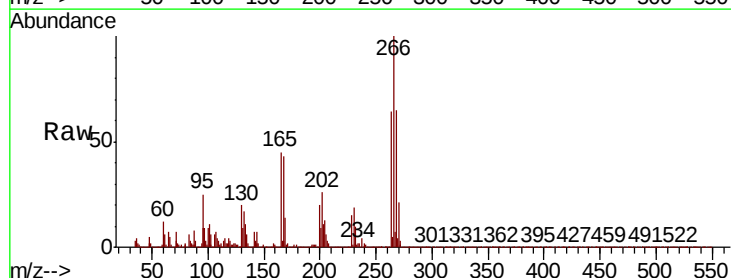
Instrument :
BNA_P
ClientSampleId :
PB130070BS

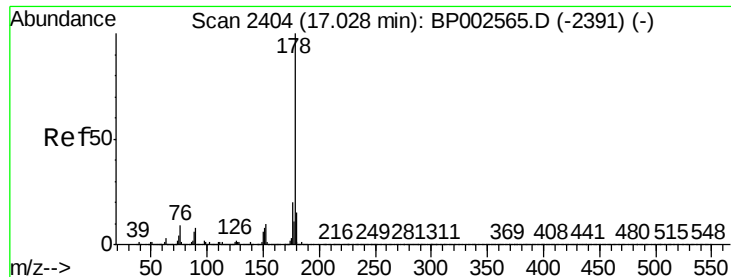
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	6.3	46.3
215	47.7	28.3	68.3



#70
Pentachlorophenol
Concen: 84.344 ng
RT: 16.64 min Scan# 2338
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.3	49.7	74.5
264	63.9	49.3	73.9





#71

Phenanthrene

Concen: 48.519 ng

RT: 17.02 min Scan# 2402

Delta R.T. -0.01 min

Lab File: BP002703.D

Acq: 09 Jul 2020 18:31

Instrument :

BNA_P

ClientSampleId :

PB130070BS

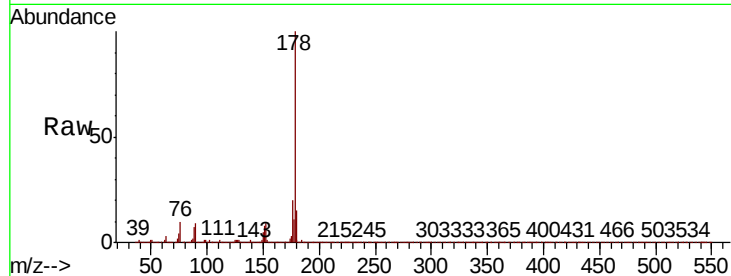
Tot Ion:178 Resp: 1839378

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

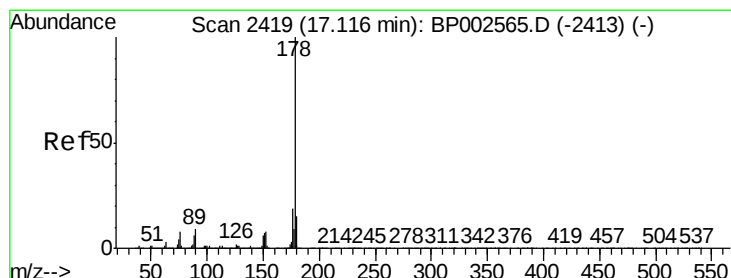
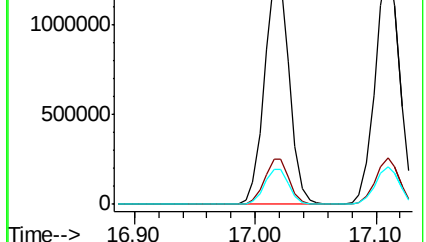
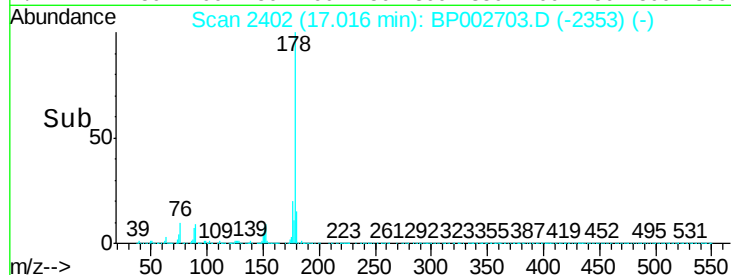
179 15.3 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 49.744 ng

RT: 17.11 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BP002703.D

Acq: 09 Jul 2020 18:31

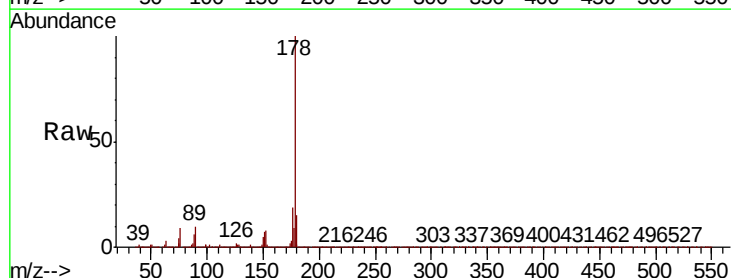
Tgt Ion:178 Resp: 1876595

Ion Ratio Lower Upper

178 100

176 19.2 15.0 22.4

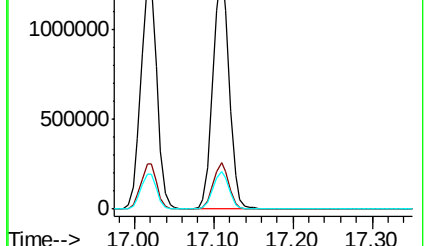
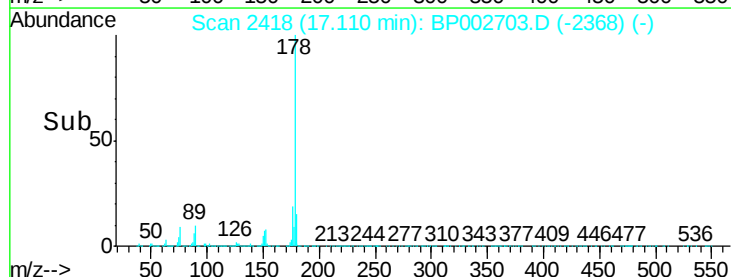
179 15.2 12.2 18.2

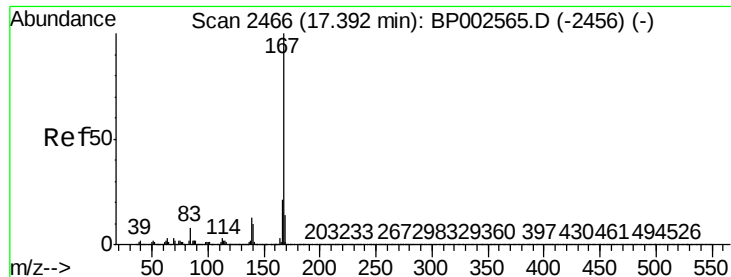


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

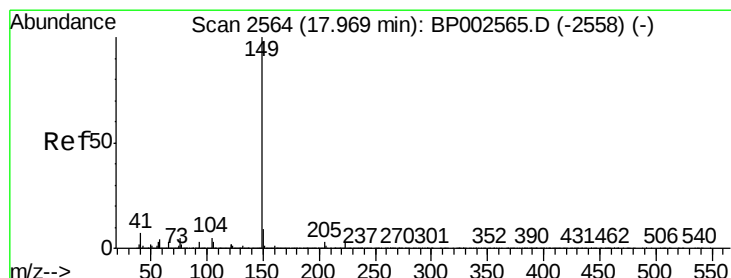
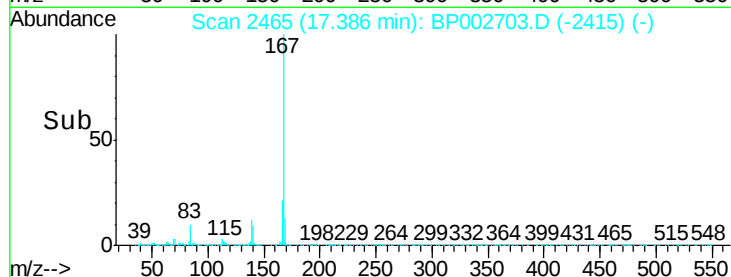
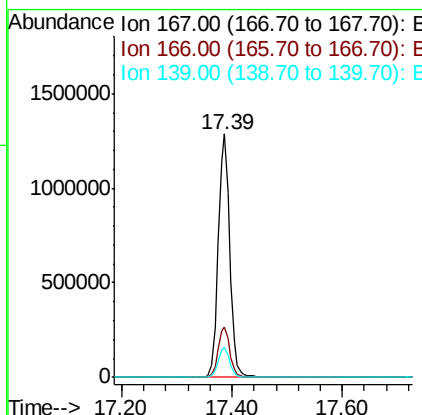
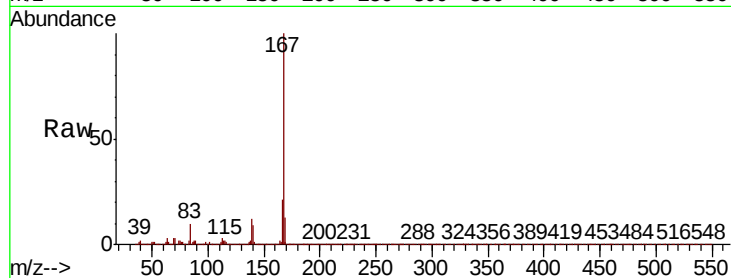




#73
 Carbazole
 Concen: 51.386 ng
 RT: 17.39 min Scan# 2465
 Delta R.T. -0.01 min
 Lab File: BP002703.D
 Acq: 09 Jul 2020 18:31

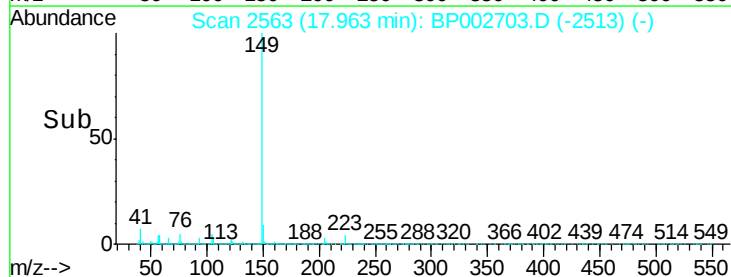
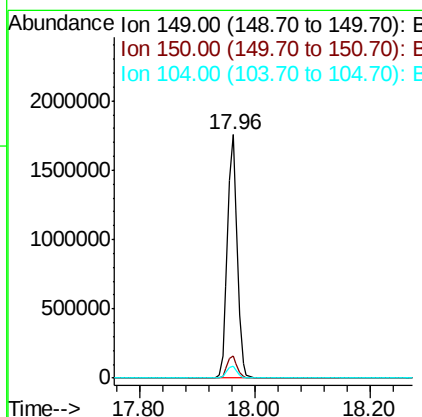
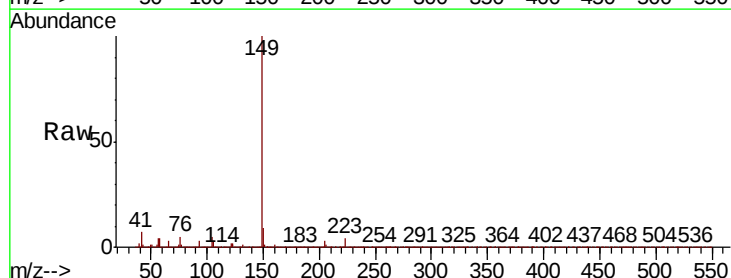
Instrument :
 BNA_P
 ClientSampleId :
 PB130070BS

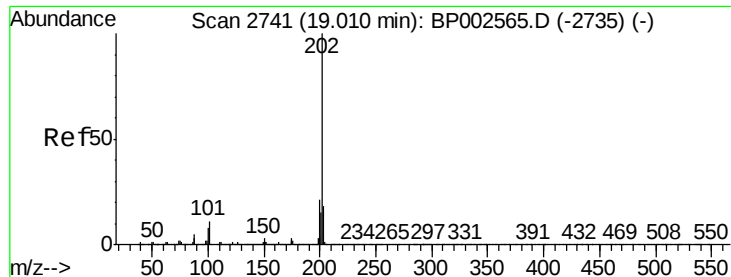
Tot Ion:167 Resp: 1873469
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.1 25.7
 139 12.2 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 48.293 ng
 RT: 17.96 min Scan# 2563
 Delta R.T. -0.01 min
 Lab File: BP002703.D
 Acq: 09 Jul 2020 18:31

Tgt Ion:149 Resp: 2073611
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.0 4.2 6.4





#75

Fluoranthene

Concen: 51.936 ng

RT: 19.00 min Scan# 2740

Delta R.T. -0.01 min

Lab File: BP002703.D

Acq: 09 Jul 2020 18:31

Instrument :

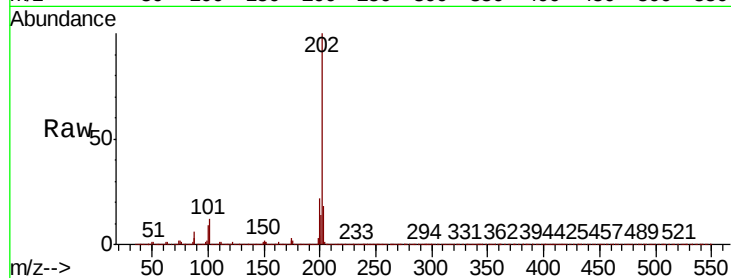
BNA_P

ClientSampleId :

PB130070BS

Tot Ion:202 Resp: 2383288

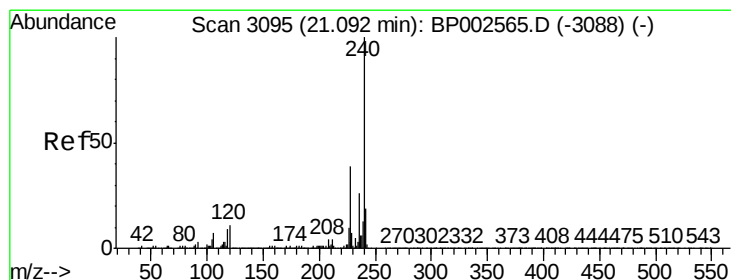
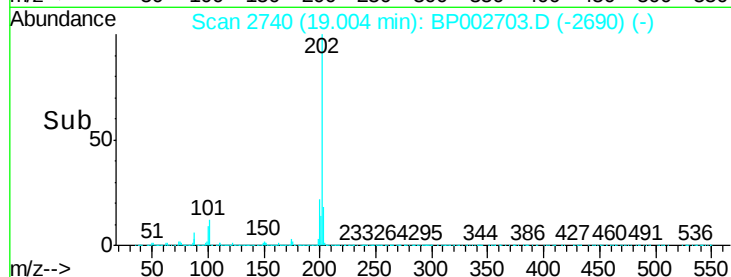
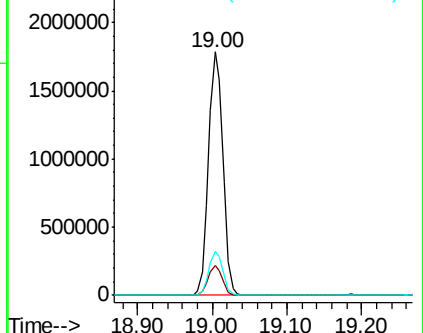
Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	30.6
203	17.9	0.0	37.7



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: 21.09 min Scan# 3094

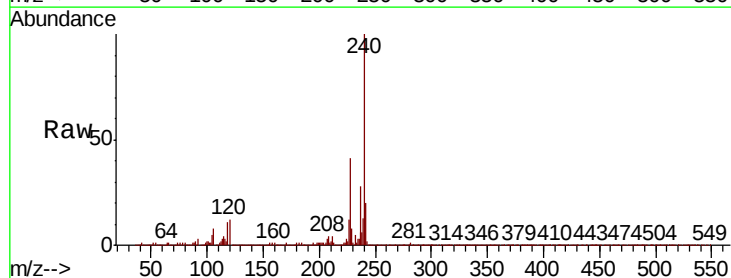
Delta R.T. -0.01 min

Lab File: BP002703.D

Acq: 09 Jul 2020 18:31

Tgt Ion:240 Resp: 787182

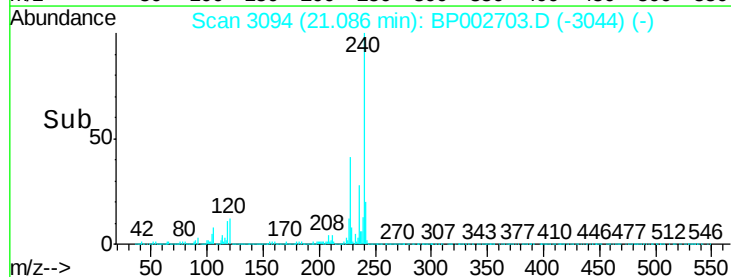
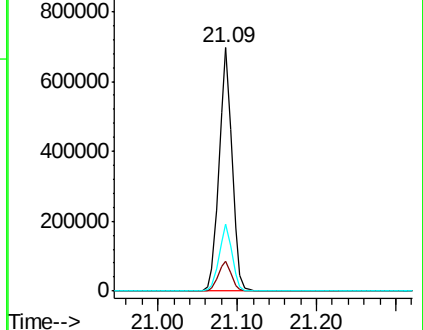
Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.6	13.0
236	27.7	20.8	31.2

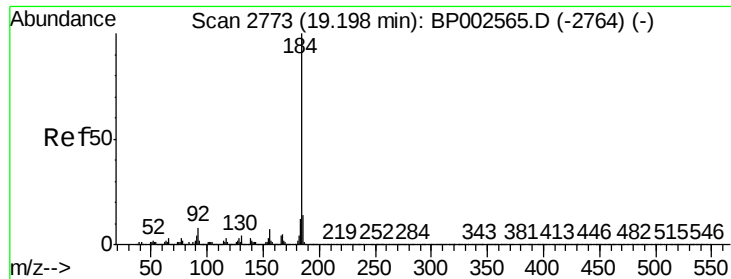


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: Below Cal

RT: 19.19 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BP002703.D

Acq: 09 Jul 2020 18:31

Instrument :

BNA_P

ClientSampleId :

PB130070BS

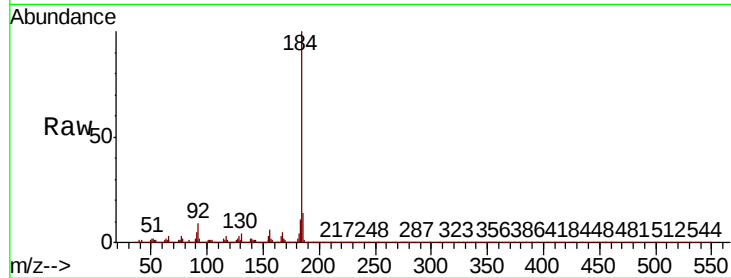
Tot Ion:184 Resp: 1515299

Ion	Ratio	Lower	Upper
184	100		
185	13.6	11.4	17.2
183	10.7	9.2	13.8

184 100

185 13.6 11.4 17.2

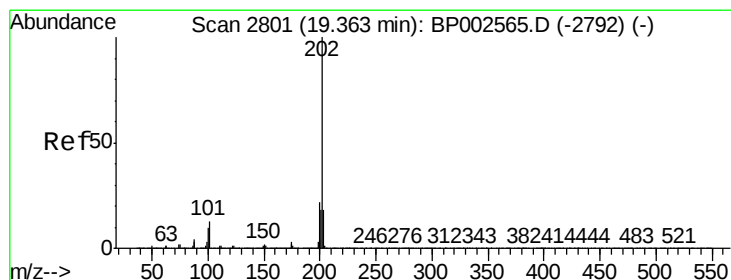
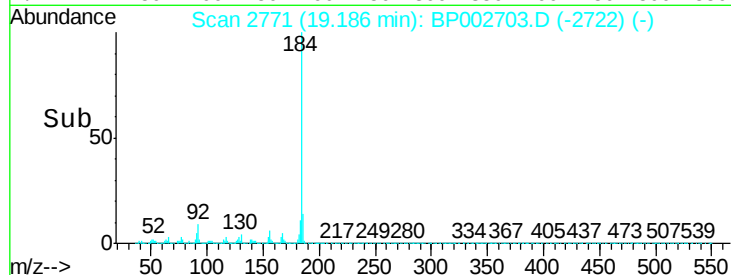
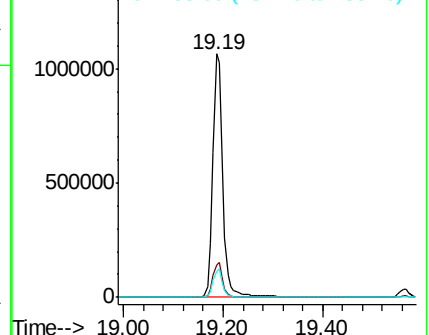
183 10.7 9.2 13.8



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: 45.799 ng

RT: 19.36 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BP002703.D

Acq: 09 Jul 2020 18:31

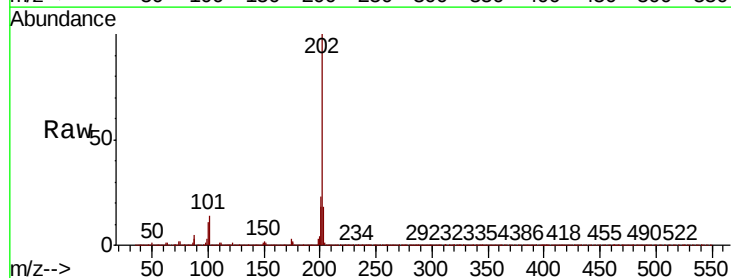
Tgt Ion:202 Resp: 2453950

Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.6	26.4
203	18.0	14.4	21.6

202 100

200 22.6 17.6 26.4

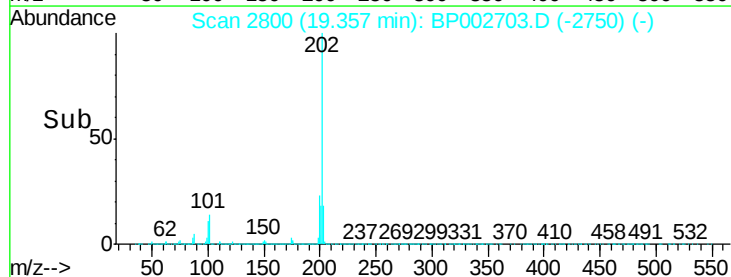
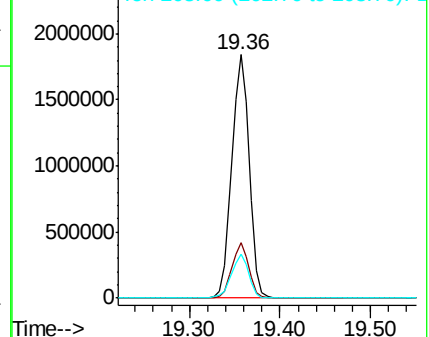
203 18.0 14.4 21.6

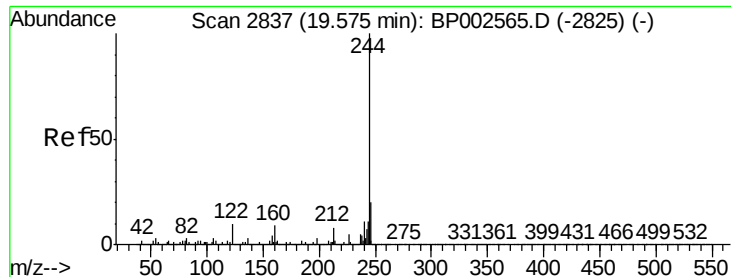


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.242 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BP002703.D

Acq: 09 Jul 2020 18:31

Instrument :

BNA_P

ClientSampleId :

PB130070BS

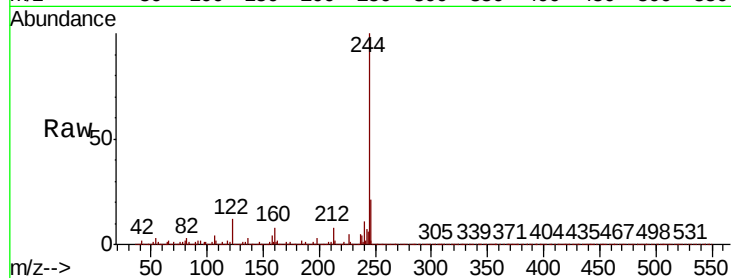
Tot Ion:244 Resp: 3108698

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

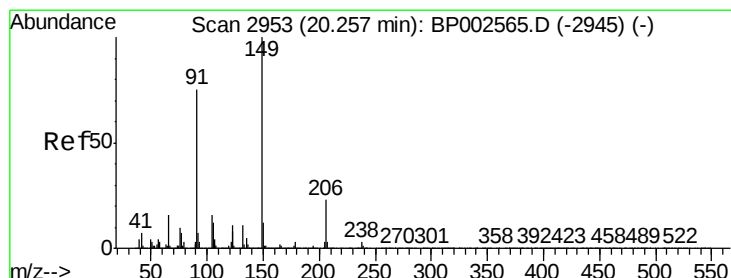
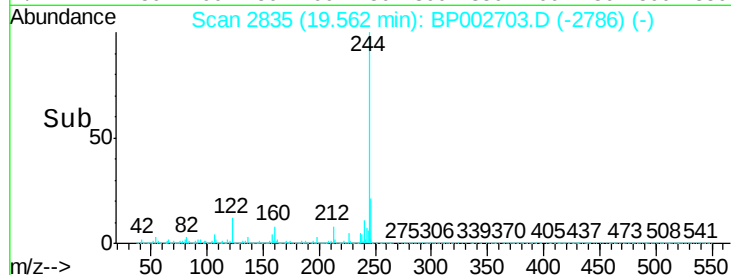
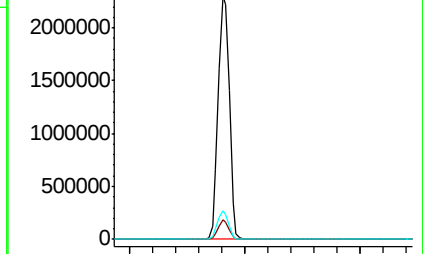
122 11.7 7.9 11.9



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: 45.419 ng

RT: 20.25 min Scan# 2952

Delta R.T. -0.01 min

Lab File: BP002703.D

Acq: 09 Jul 2020 18:31

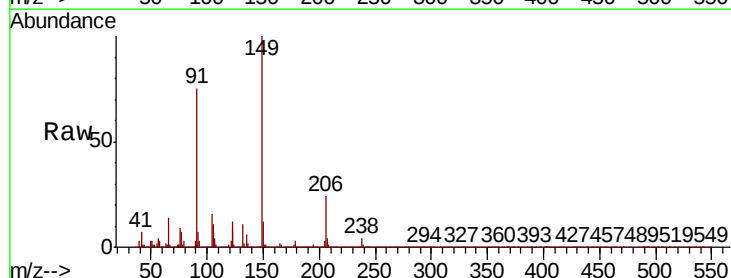
Tgt Ion:149 Resp: 1062436

Ion Ratio Lower Upper

149 100

91 75.0 59.8 89.6

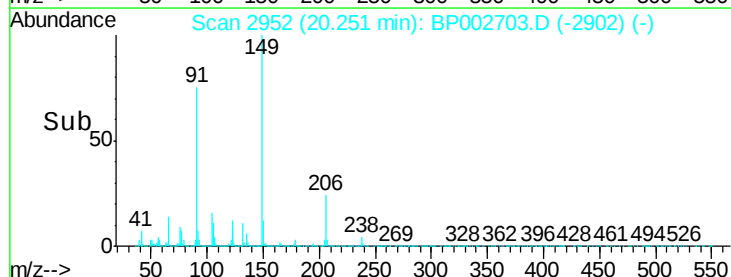
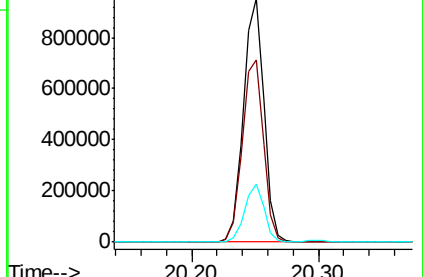
206 23.9 18.2 27.4

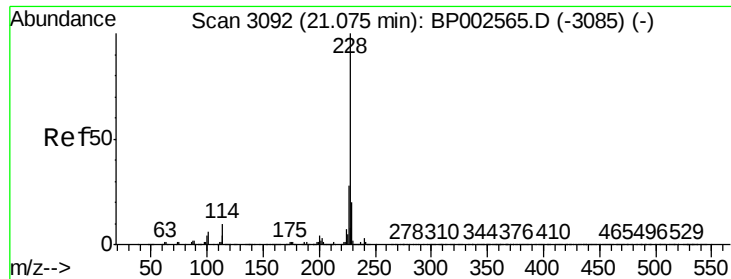


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

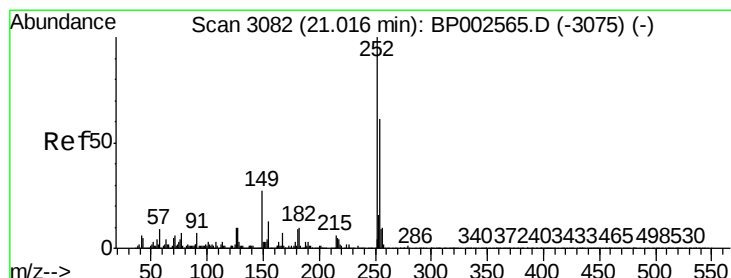
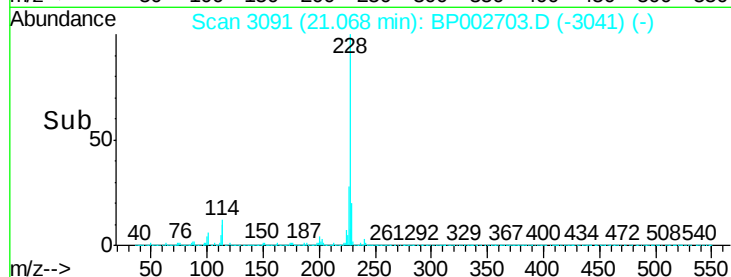
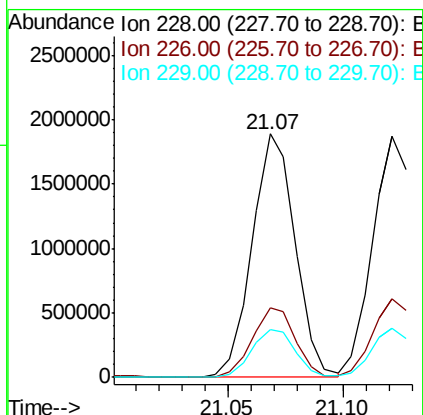
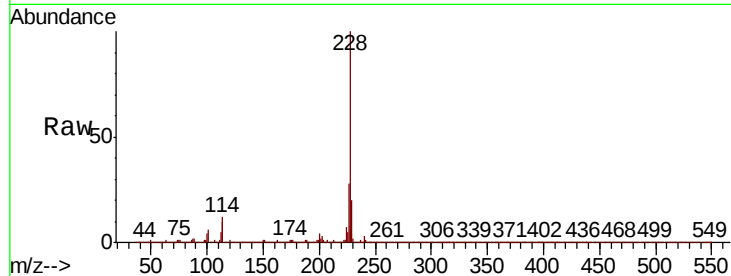




#81
Benzo(a)anthracene
Concen: 47.610 ng
RT: 21.07 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

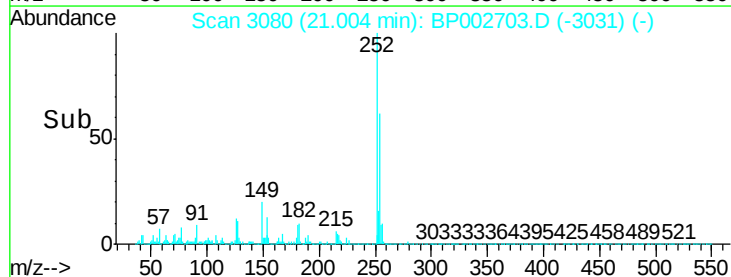
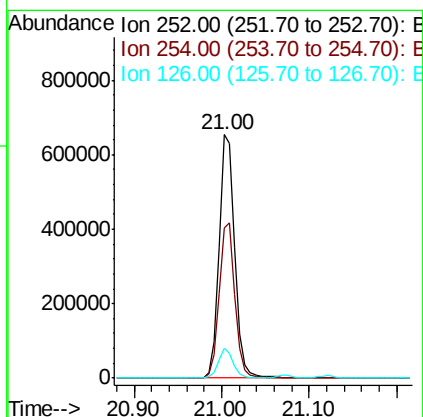
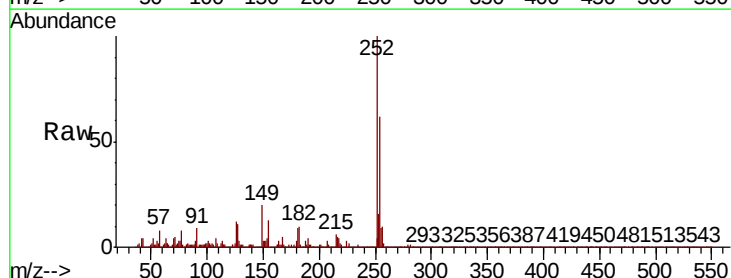
Instrument :
BNA_P
ClientSampleId :
PB130070BS

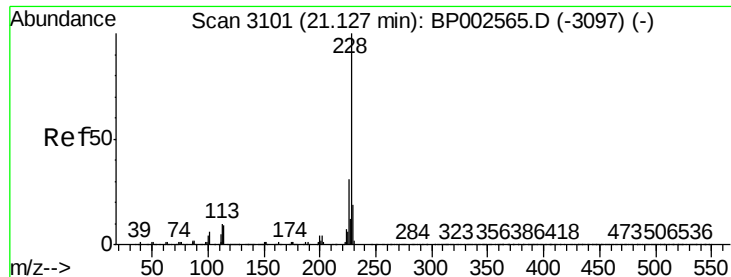
Tot Ion:228 Resp: 2450166
Ion Ratio Lower Upper
228 100
226 28.3 22.5 33.7
229 19.8 16.4 24.6



#82
3,3'-Dichlorobenzidine
Concen: 43.092 ng
RT: 21.00 min Scan# 3080
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion:252 Resp: 811897
Ion Ratio Lower Upper
252 100
254 61.6 49.0 73.6
126 12.1 7.9 11.9#

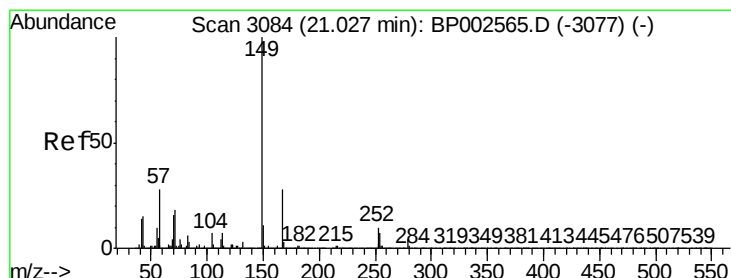
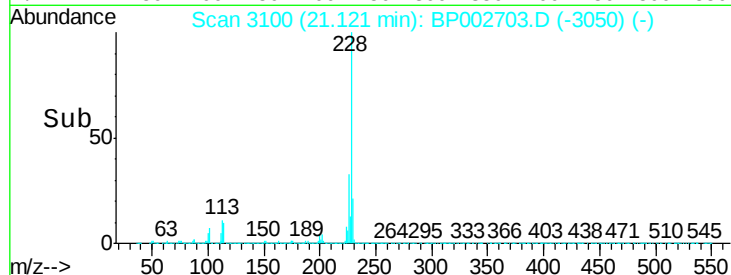
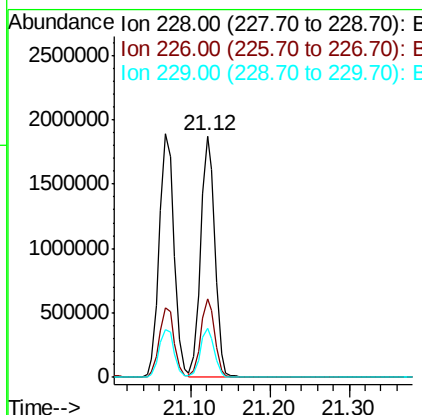
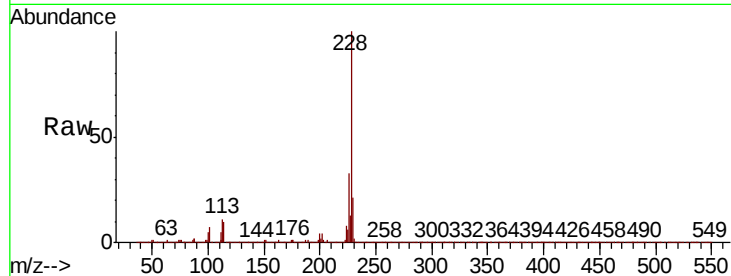




#83
 Chrysene
 Concen: 48.030 ng
 RT: 21.12 min Scan# 3100
 Delta R.T. -0.01 min
 Lab File: BP002703.D
 Acq: 09 Jul 2020 18:31

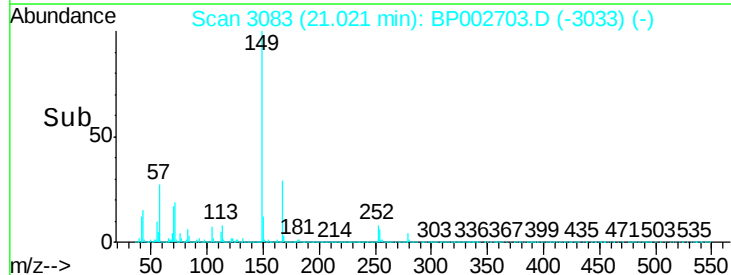
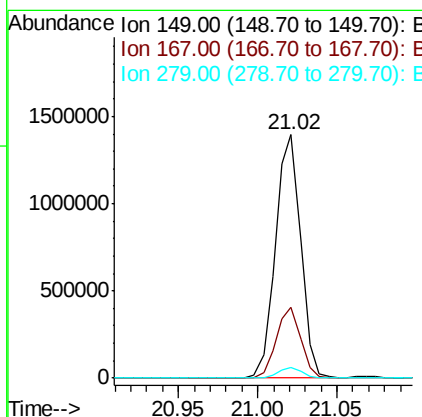
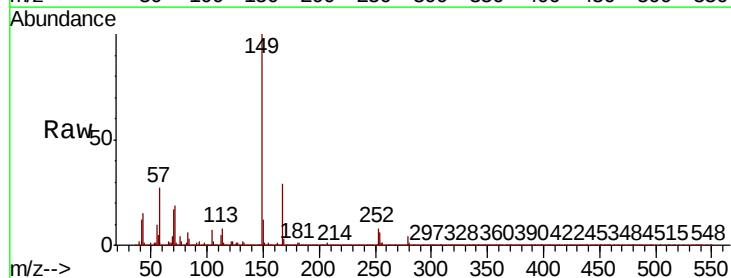
Instrument :
 BNA_P
 ClientSampleId :
 PB130070BS

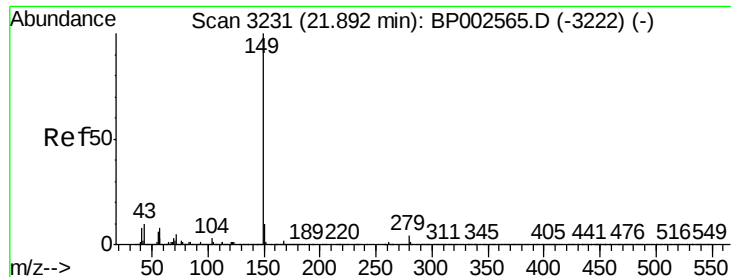
Tot Ion:228 Resp: 2370233
 Ion Ratio Lower Upper
 228 100
 226 32.5 24.6 37.0
 229 20.5 15.6 23.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.809 ng
 RT: 21.02 min Scan# 3083
 Delta R.T. -0.01 min
 Lab File: BP002703.D
 Acq: 09 Jul 2020 18:31

Tgt Ion:149 Resp: 1538704
 Ion Ratio Lower Upper
 149 100
 167 29.0 22.1 33.1
 279 4.5 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 48.807 ng

RT: 21.88 min Scan# 3229

Delta R.T. -0.01 min

Lab File: BP002703.D

Acq: 09 Jul 2020 18:31

Instrument :

BNA_P

ClientSampleId :

PB130070BS

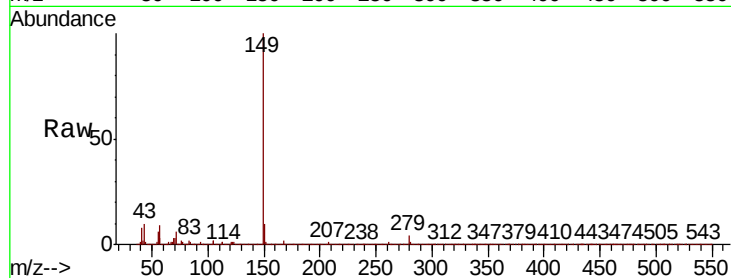
Tot Ion:149 Resp: 2895617

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

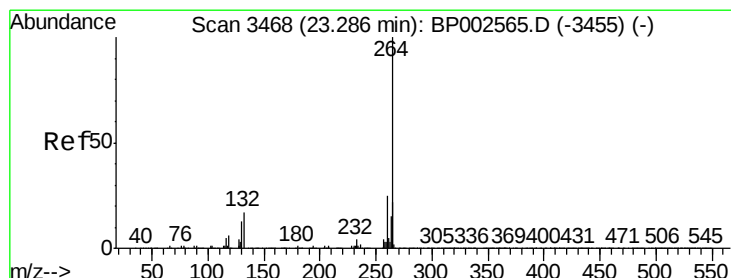
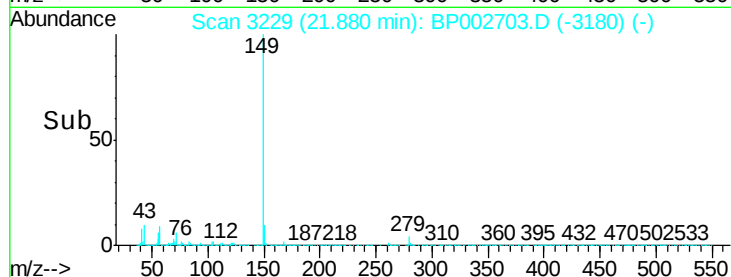
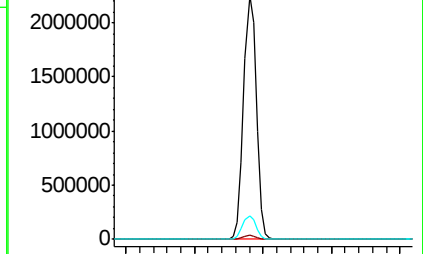
43 10.0 7.6 11.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.28 min Scan# 3467

Delta R.T. -0.01 min

Lab File: BP002703.D

Acq: 09 Jul 2020 18:31

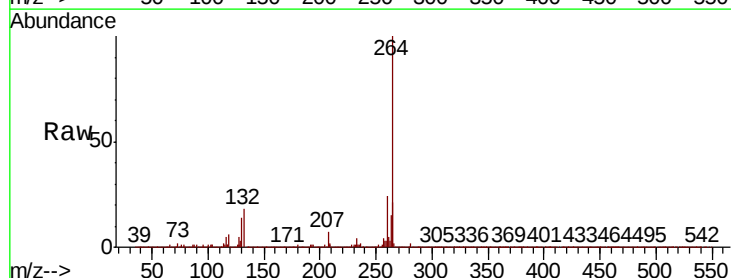
Tgt Ion:264 Resp: 937041

Ion Ratio Lower Upper

264 100

260 23.7 19.7 29.5

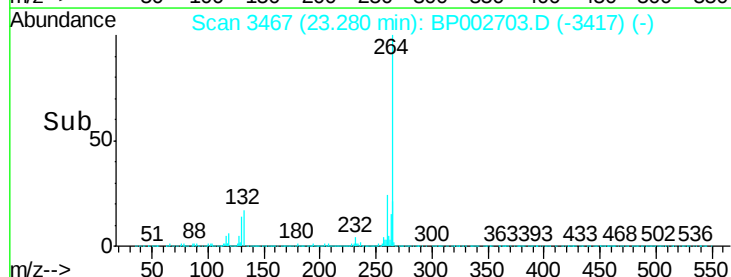
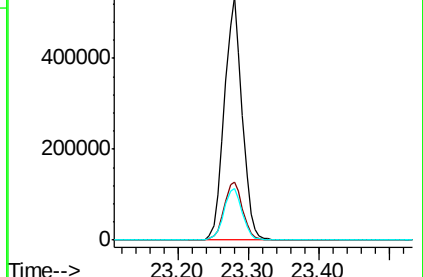
265 21.2 17.6 26.4

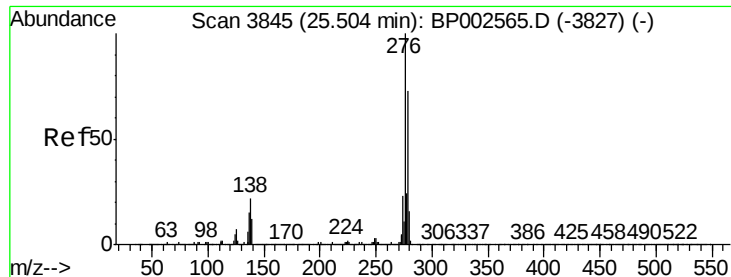


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.998 ng

RT: 25.50 min Scan# 3845

Delta R.T. -0.00 min

Lab File: BP002703.D

Acq: 09 Jul 2020 18:31

Instrument :

BNA_P

ClientSampleId :

PB130070BS

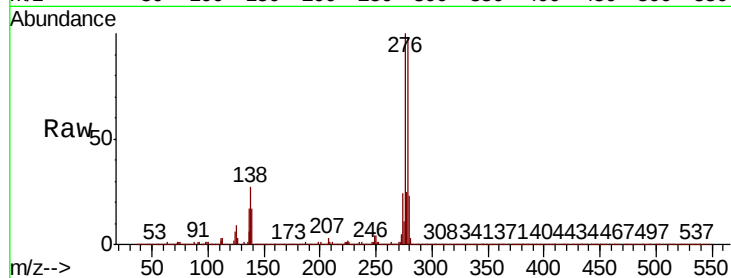
Tot Ion:276 Resp: 3575702

Ion Ratio Lower Upper

276 100

138 25.8 18.6 27.8

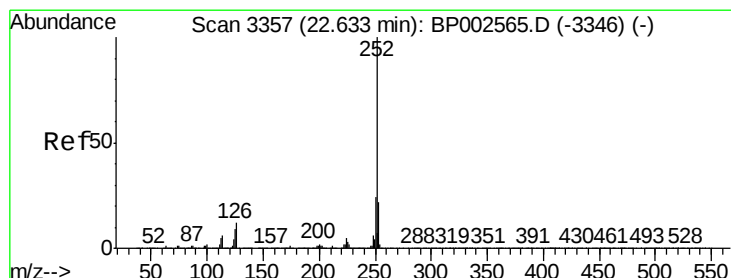
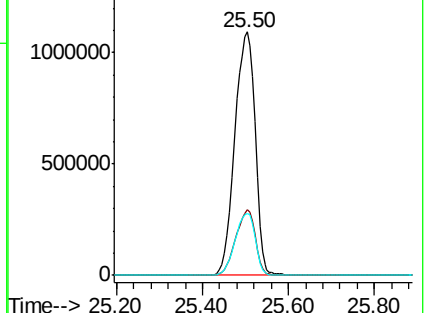
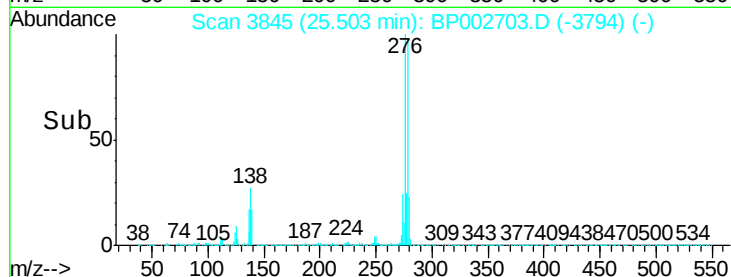
277 25.2 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 46.230 ng

RT: 22.63 min Scan# 3356

Delta R.T. -0.01 min

Lab File: BP002703.D

Acq: 09 Jul 2020 18:31

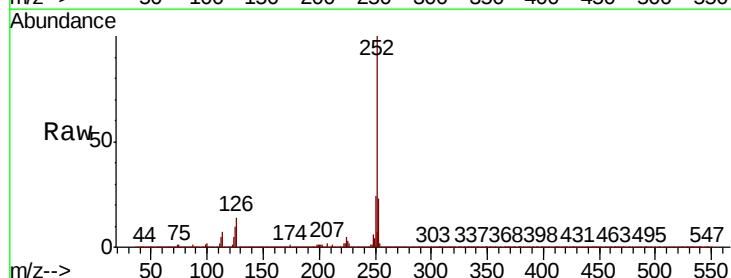
Tgt Ion:252 Resp: 2764194

Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

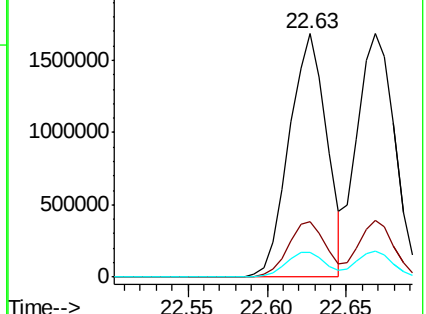
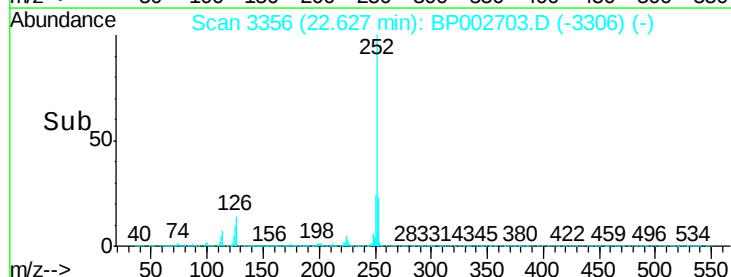
125 10.0 7.4 11.2

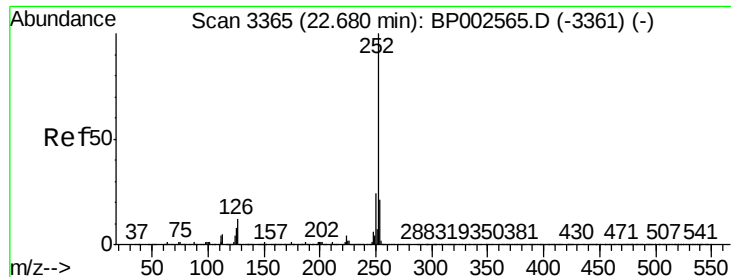


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 49.556 ng

RT: 22.63 min Scan# 3356

Delta R.T. -0.05 min

Lab File: BP002703.D

Acq: 09 Jul 2020 18:31

Instrument :

BNA_P

ClientSampleId :

PB130070BS

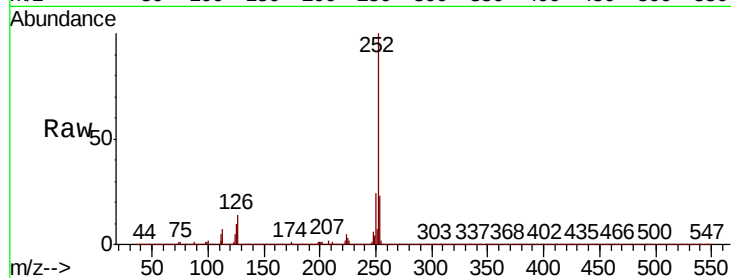
Tot Ion:252 Resp: 2764194

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.0

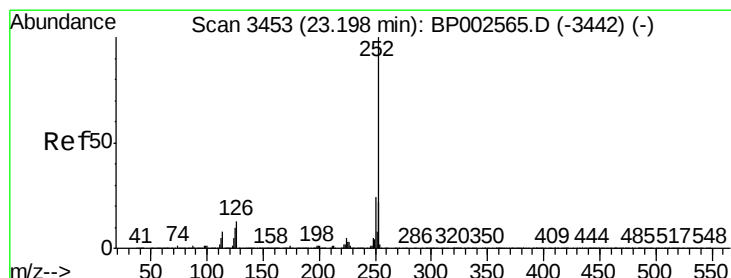
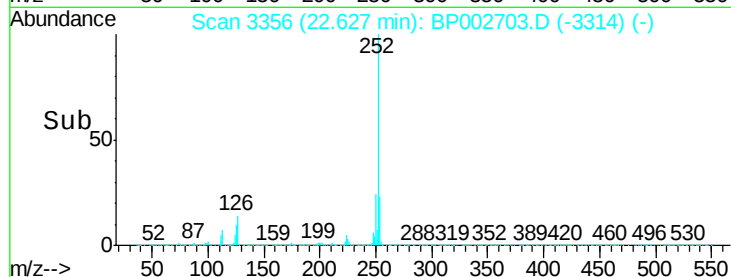
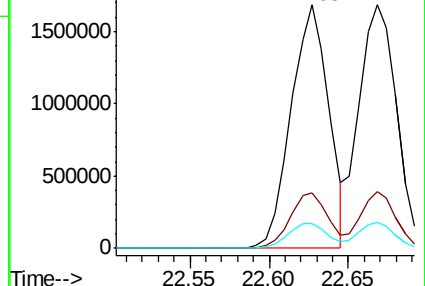
125 10.0 6.9 10.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 48.849 ng

RT: 23.19 min Scan# 3451

Delta R.T. -0.01 min

Lab File: BP002703.D

Acq: 09 Jul 2020 18:31

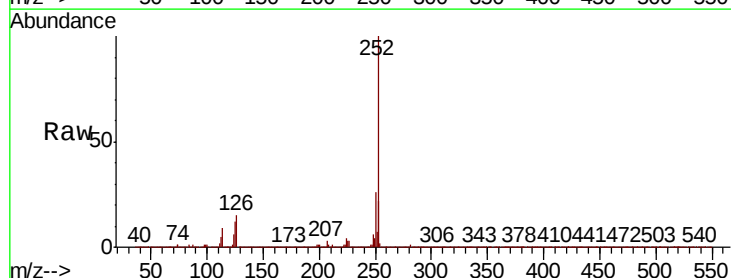
Tgt Ion:252 Resp: 2680278

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

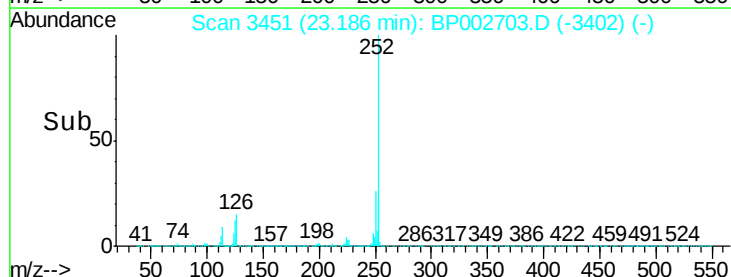
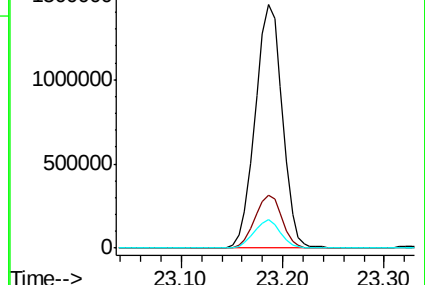
125 11.5 7.8 11.8

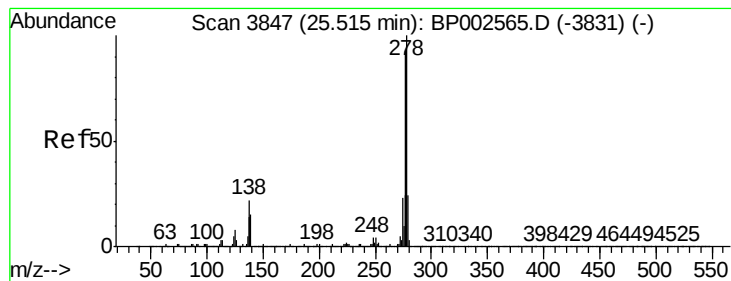


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

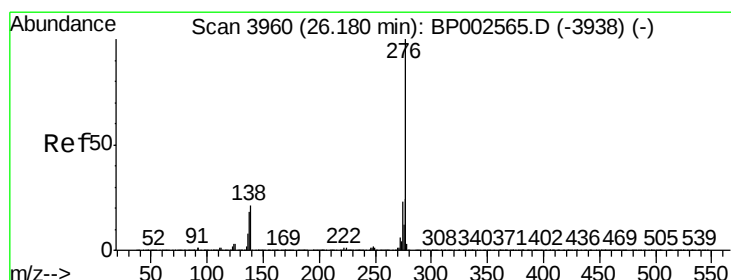
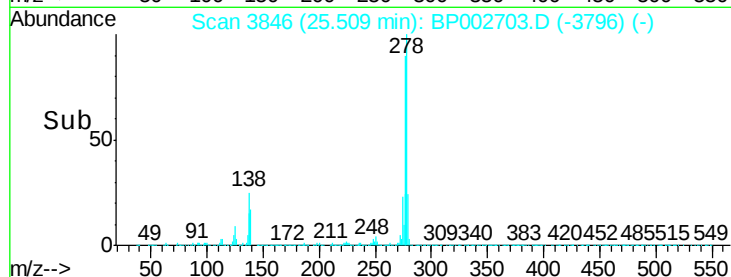
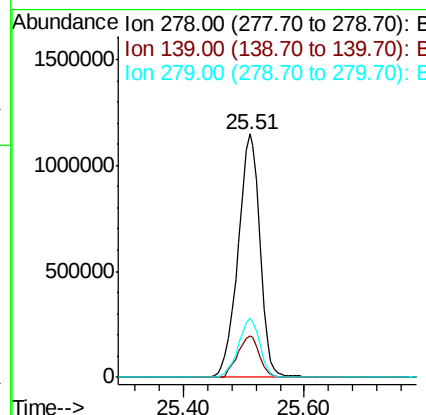
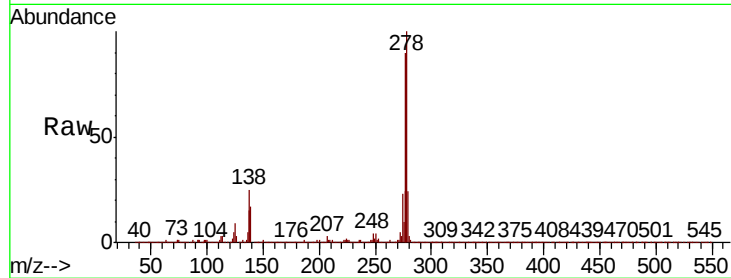




#91
Dibenzo(a,h)anthracene
Concen: 52.489 ng
RT: 25.51 min Scan# 3846
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Instrument :
BNA_P
ClientSampleId :
PB130070BS

Tot Ion:278 Resp: 2893770
Ion Ratio Lower Upper
278 100
139 17.2 12.2 18.2
279 24.1 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 54.874 ng
RT: 26.17 min Scan# 3959
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion:276 Resp: 3025569
Ion Ratio Lower Upper
276 100
277 23.6 19.3 28.9
138 21.8 16.9 25.3

