

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072020\
 Data File : BP002803.D
 Acq On : 20 Jul 2020 16:37
 Operator : CG/JU
 Sample : L3177-04MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AU-05-071720MS

Quant Time: Jul 20 17:10:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:54:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	107508	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	454356	20.00	ng	-0.01
39) Acenaphthene-d10	14.20	164	288737	20.00	ng	-0.01
64) Phenanthrene-d10	16.96	188	640140	20.00	ng	0.00
76) Chrysene-d12	21.07	240	601261	20.00	ng	0.00
86) Perylene-d12	23.26	264	594589	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.18	112	830518	130.34	ng	0.00
7) Phenol-d6	6.76	99	1038577	114.21	ng	0.00
23) Nitrobenzene-d5	8.69	82	763374	89.86	ng	-0.01
42) 2,4,6-Tribromophenol	15.71	330	405129	134.42	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	1398140	74.91	ng	0.00
79) Terphenyl-d14	19.55	244	2044178	77.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.12	88	112573	40.522	ng	# 31
3) Pyridine	3.51	79	342048	41.315	ng	99
4) n-Nitrosodimethylamine	3.42	42	161244	51.700	ng	95
6) Aniline	6.88	93	428458	37.217	ng	99
8) 2-Chlorophenol	7.12	128	376409	53.094	ng	99
9) Benzaldehyde	6.69	77	94896	19.206	ng	98
10) Phenol	6.78	94	447539	48.041	ng	97
11) bis(2-Chloroethyl)ether	6.98	93	383502	49.495	ng	99
12) 1,3-Dichlorobenzene	7.44	146	384485	47.296	ng	98
13) 1,4-Dichlorobenzene	7.58	146	391410	47.976	ng	100
14) 1,2-Dichlorobenzene	7.89	146	382720	48.646	ng	100
15) Benzyl Alcohol	7.79	79	355776	58.462	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.09	45	525291	47.138	ng	99
17) 2-Methylphenol	8.02	107	330056	49.732	ng	99
18) Hexachloroethane	8.61	117	133954	46.356	ng	98
19) n-Nitroso-di-n-propylamine	8.36	70	287944	51.995	ng	99
20) 3+4-Methylphenols	8.34	107	428536	48.833	ng	96
22) Acetophenone	8.36	105	545399	48.692	ng	# 97
24) Nitrobenzene	8.74	77	457623	49.740	ng	99
25) Isophorone	9.26	82	851704	49.191	ng	100
26) 2-Nitrophenol	9.45	139	204452	51.450	ng	99
27) 2,4-Dimethylphenol	9.53	122	345985	53.629	ng	99
28) bis(2-Chloroethoxy)methane	9.75	93	520067	49.452	ng	100
29) 2,4-Dichlorophenol	9.99	162	373521	52.515	ng	100
30) 1,2,4-Trichlorobenzene	10.19	180	380151	46.662	ng	99
31) Naphthalene	10.37	128	1138229	47.450	ng	100
32) Benzoic acid	9.72	122	175416	37.037	ng	97
33) 4-Chloroaniline	10.49	127	138929	13.516	ng	98
34) Hexachlorobutadiene	10.66	225	210835	44.774	ng	98
35) Caprolactam	11.27	113	52914	21.277	ng	99
36) 4-Chloro-3-methylphenol	11.65	107	417203	54.416	ng	100
37) 2-Methylnaphthalene	11.99	142	828166	48.925	ng	99
38) 1-Methylnaphthalene	12.22	142	786852	49.146	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.37	216	416256	46.909	ng	99

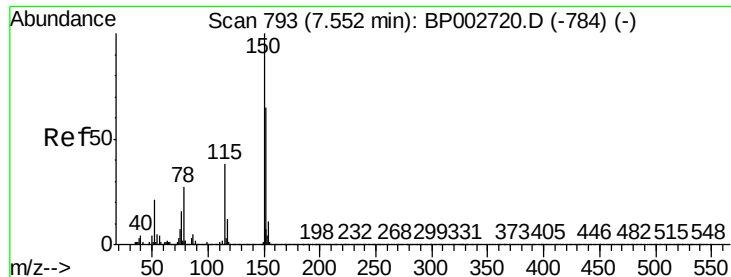
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072020\
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 QLast Update : Mon Jul 13 10:54:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	118401	34.758	ng	99
43) 2,4,6-Trichlorophenol	12.63	196	298214	52.504	ng	98
44) 2,4,5-Trichlorophenol	12.72	196	320009	48.576	ng	97
46) 1,1'-Biphenyl	13.03	154	1015302	47.167	ng	99
47) 2-Chloronaphthalene	13.06	162	811092	46.391	ng	98
48) 2-Nitroaniline	13.27	65	299774	55.468	ng	96
49) Acenaphthylene	13.92	152	1324661	48.061	ng	100
50) Dimethylphthalate	13.67	163	1150727	52.258	ng	99
51) 2,6-Dinitrotoluene	13.79	165	237014	50.276	ng	96
52) Acenaphthene	14.27	154	784076	47.600	ng	99
53) 3-Nitroaniline	14.12	138	134440	25.489	ng	95
54) 2,4-Dinitrophenol	14.35	184	92324	41.490	ng	96
55) Dibenzofuran	14.60	168	1226676	46.433	ng	98
56) 4-Nitrophenol	14.47	139	366775	86.357	ng	95
57) 2,4-Dinitrotoluene	14.59	165	319333	51.434	ng	93
58) Fluorene	15.26	166	938582	48.014	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.85	232	289619	55.772	ng	98
60) Diethylphthalate	15.05	149	1011147	47.361	ng	100
61) 4-Chlorophenyl-phenylether	15.26	204	462833	44.560	ng	98
62) 4-Nitroaniline	15.29	138	222077	39.659	ng	97
63) Azobenzene	15.56	77	1110155	50.572	ng	99
65) 4,6-Dinitro-2-methylphenol	15.37	198	75215	22.767	ng	97
66) n-Nitrosodiphenylamine	15.48	169	892323	47.188	ng	99
67) 4-Bromophenyl-phenylether	16.16	248	319905	45.878	ng	96
68) Hexachlorobenzene	16.28	284	357342	48.639	ng	99
69) Atrazine	16.45	200	287674	55.724	ng	99
70) Pentachlorophenol	16.63	266	404182	110.608	ng	97
71) Phenanthrene	17.00	178	1606396	46.348	ng	100
72) Anthracene	17.10	178	1653535	48.617	ng	100
73) Carbazole	17.37	167	1588288	47.588	ng	98
74) Di-n-butylphthalate	17.95	149	1830190	50.562	ng	100
75) Fluoranthene	18.99	202	2004035	49.901	ng	99
77) Benzidine	19.18	184	1170010	78.506	ng	99
78) Pyrene	19.35	202	2040374	49.150	ng	100
80) Butylbenzylphthalate	20.23	149	880434	53.745	ng	94
81) Benzo(a)anthracene	21.06	228	1922394	49.392	ng	99
82) 3,3'-Dichlorobenzidine	21.00	252	677074	52.527	ng	100
83) Chrysene	21.12	228	1790353	48.324	ng	98
84) Bis(2-ethylhexyl)phthalate	21.00	149	1149312	50.443	ng	100
85) Di-n-octyl phthalate	21.87	149	2213513	54.037	ng	99
87) Indeno(1,2,3-cd)pyrene	25.48	276	2009400	46.758	ng	99
88) Benzo(b)fluoranthene	22.62	252	1917136	51.926	ng	99
89) Benzo(k)fluoranthene	22.66	252	1856641	51.054	ng	100
90) Benzo(a)pyrene	23.17	252	1742119	49.793	ng	100
91) Dibenzo(a,h)anthracene	25.49	278	1663228	47.990	ng	99
92) Benzo(g,h,i)perylene	26.15	276	1649250	46.934	ng	99

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

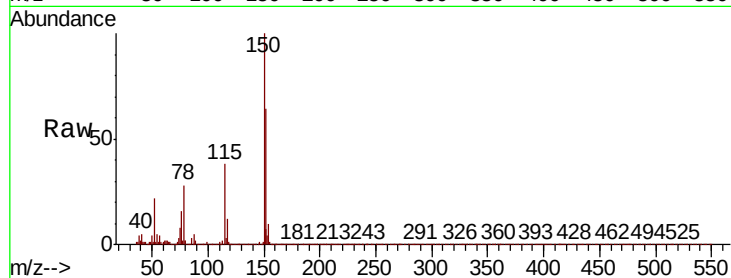


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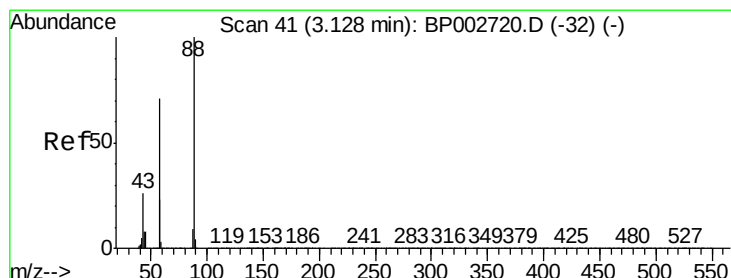
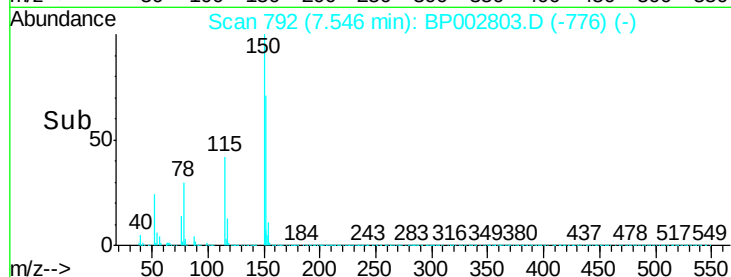
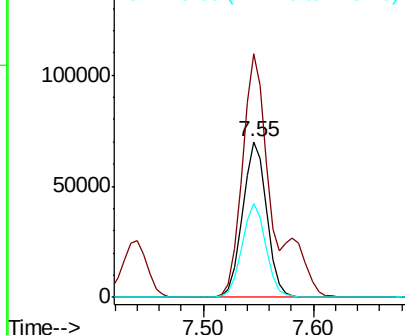
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 792
Delta R.T. -0.01 min
Lab File: BP002803.D
Acq: 20 Jul 2020 16:37

Instrument :
BNA_P
ClientSampleId :
AU-05-071720MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	123.7	185.5
115	59.9	47.2	70.8



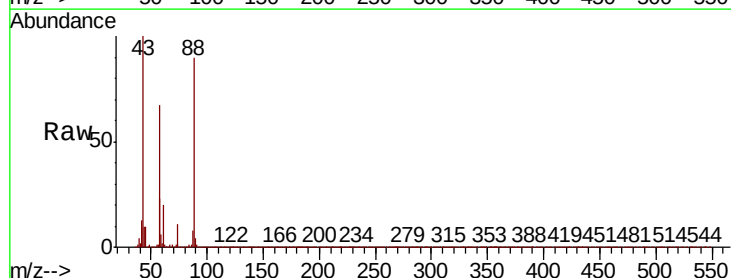
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



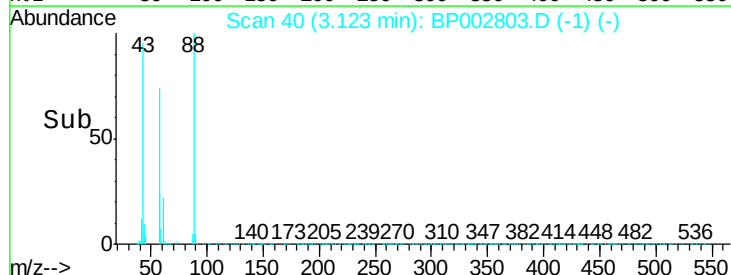
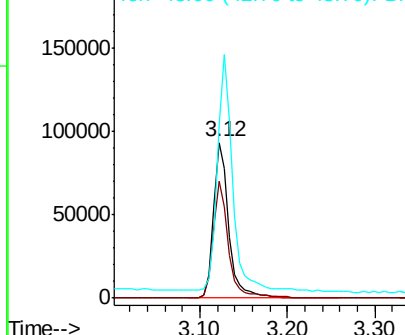
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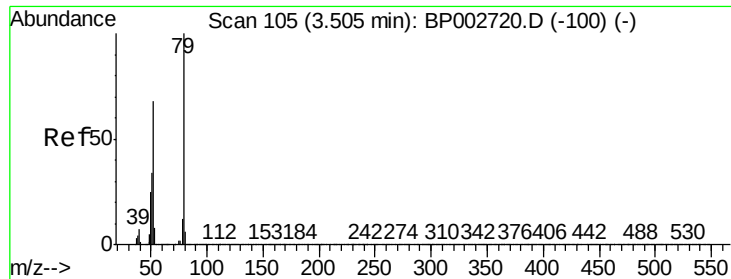
1,4-Dioxane
Concen: 40.522 ng
RT: 3.12 min Scan# 40
Delta R.T. -0.01 min
Lab File: BP002803.D
Acq: 20 Jul 2020 16:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.5	58.2	87.4
43	157.9	21.5	32.3



Abundance Ion 88.00 (87.70 to 88.70): BP0
Ion 58.00 (57.70 to 58.70): BP0
Ion 43.00 (42.70 to 43.70): BP0

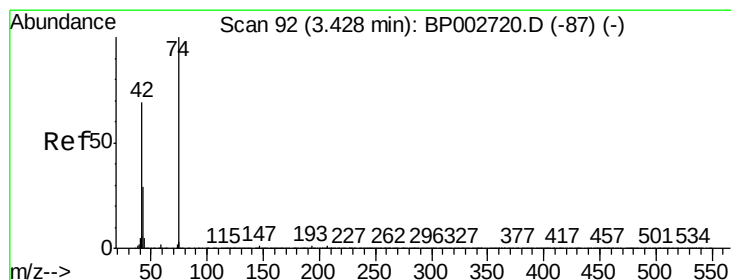
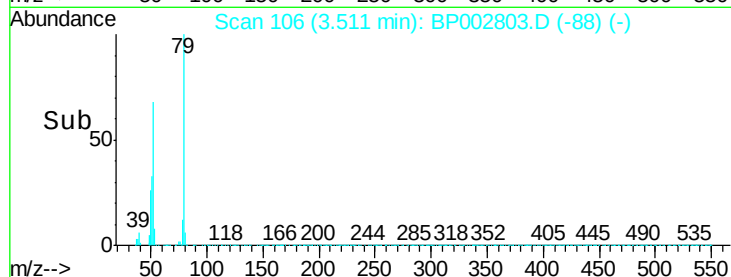
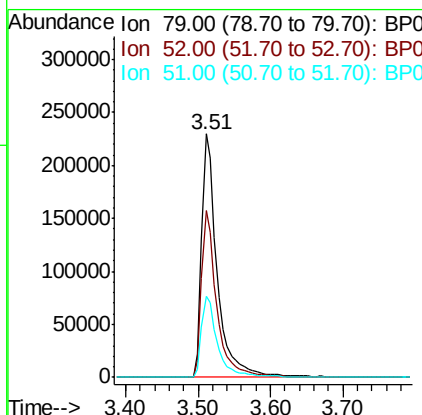
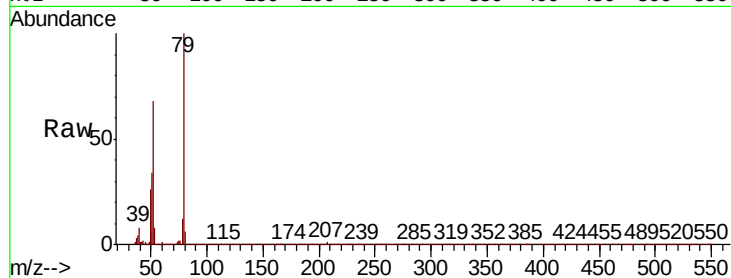




#3
 Pvridine
 Concen: 41.315 ng
 RT: 3.51 min Scan# 106
 Delta R.T. 0.01 min
 Lab File: BP002803.D
 Acq: 20 Jul 2020 16:37

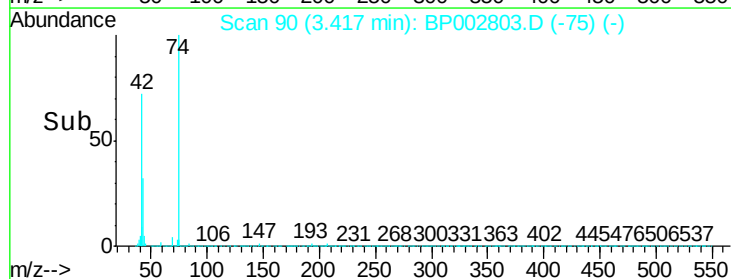
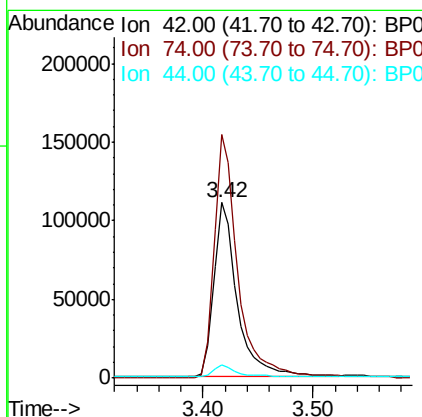
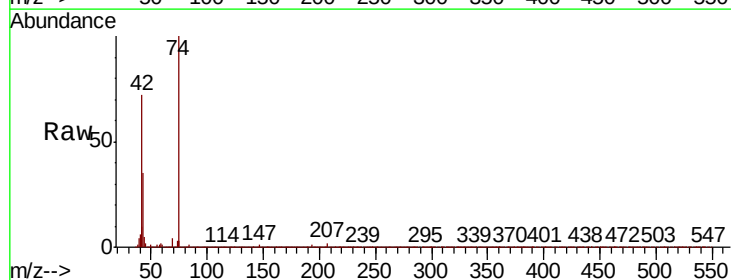
Instrument :
 BNA_P
 ClientSampleId :
 AU-05-071720MS

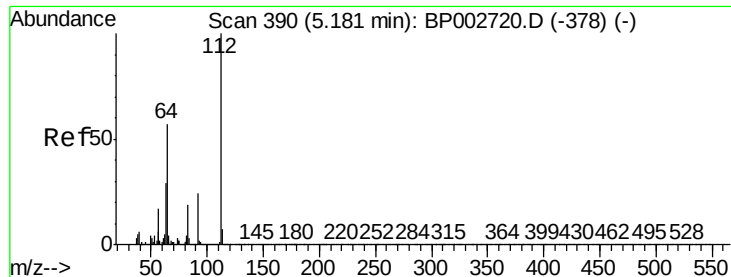
Tot Ion: 79 Resp: 342048
 Ion Ratio Lower Upper
 79 100
 52 68.4 54.2 81.2
 51 33.5 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 51.700 ng
 RT: 3.42 min Scan# 90
 Delta R.T. -0.01 min
 Lab File: BP002803.D
 Acq: 20 Jul 2020 16:37

Tgt Ion: 42 Resp: 161244
 Ion Ratio Lower Upper
 42 100
 74 138.7 116.3 174.5
 44 7.2 5.9 8.9





#5

2-Fluorophenol

Concen: 130.338 ng

RT: 5.18 min Scan# 389

Delta R.T. -0.01 min

Lab File: BP002803.D

Acq: 20 Jul 2020 16:37

Instrument :

BNA_P

ClientSampleId :

AU-05-071720MS

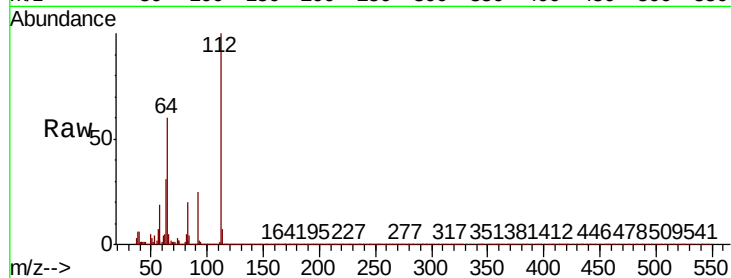
Tot Ion:112 Resp: 830518

Ion Ratio Lower Upper

112 100

64 59.7 45.6 68.4

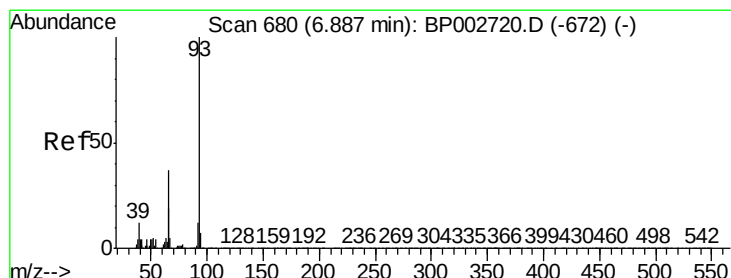
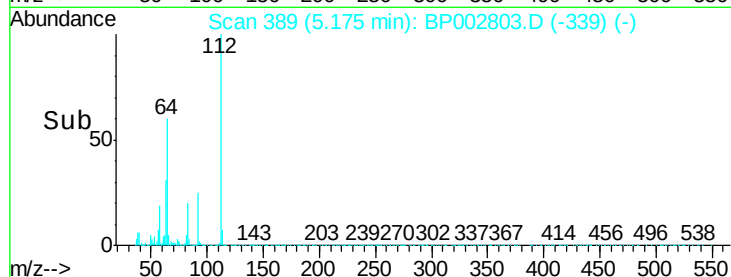
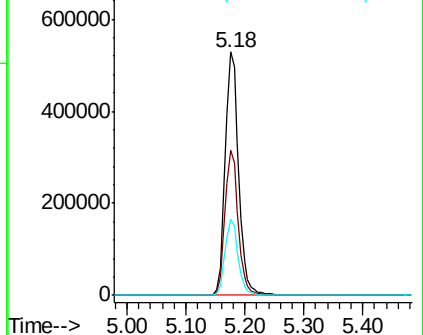
63 31.3 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 37.217 ng

RT: 6.88 min Scan# 679

Delta R.T. -0.01 min

Lab File: BP002803.D

Acq: 20 Jul 2020 16:37

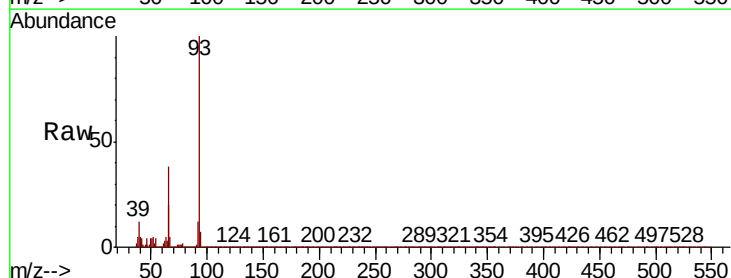
Tgt Ion: 93 Resp: 428458

Ion Ratio Lower Upper

93 100

66 38.1 30.1 45.1

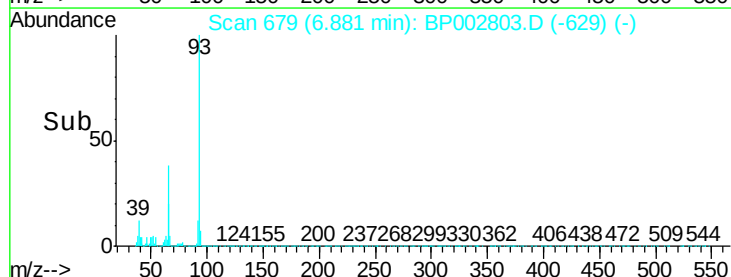
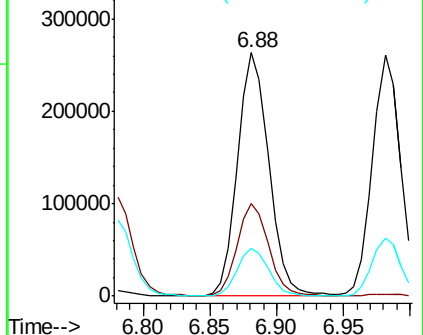
65 19.8 15.4 23.2

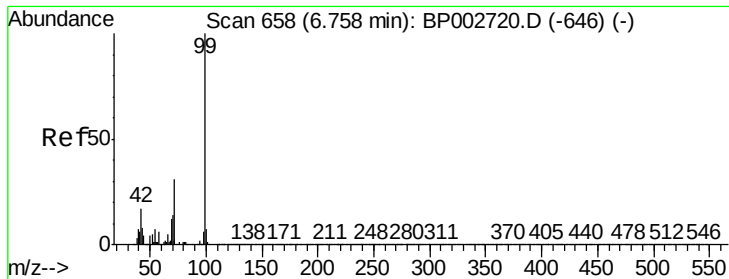


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 114.205 ng

RT: 6.76 min Scan# 658

Delta R.T. 0.00 min

Lab File: BP002803.D

Acq: 20 Jul 2020 16:37

Instrument :

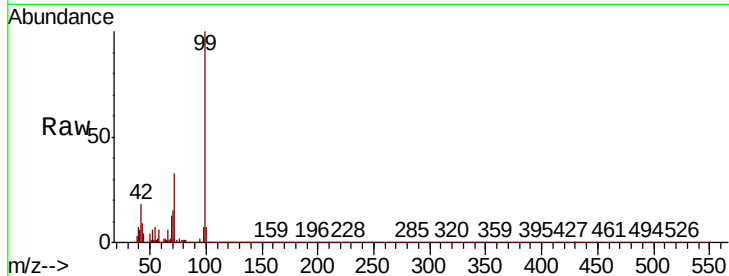
BNA_P

ClientSampleId :

AU-05-071720MS

Tot Ion: 99 Resp: 1038577

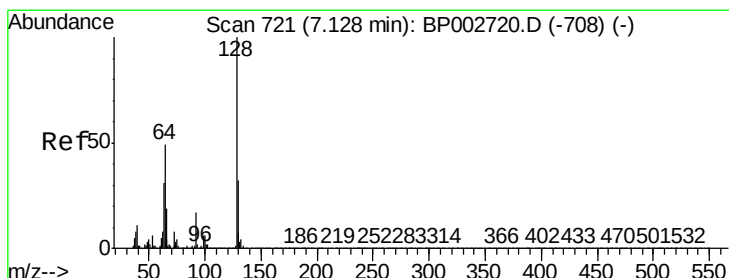
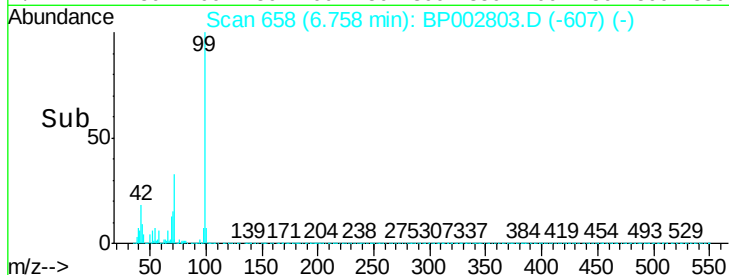
Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.4	20.2
71	32.8	24.6	36.8



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 53.094 ng

RT: 7.12 min Scan# 720

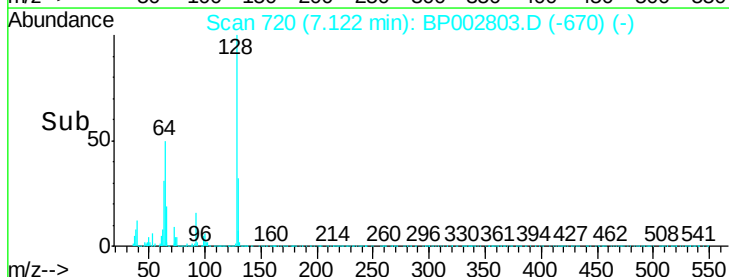
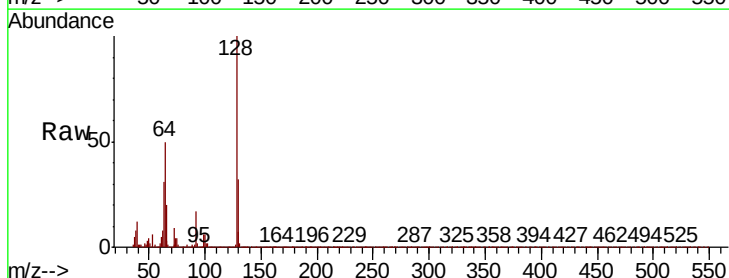
Delta R.T. -0.01 min

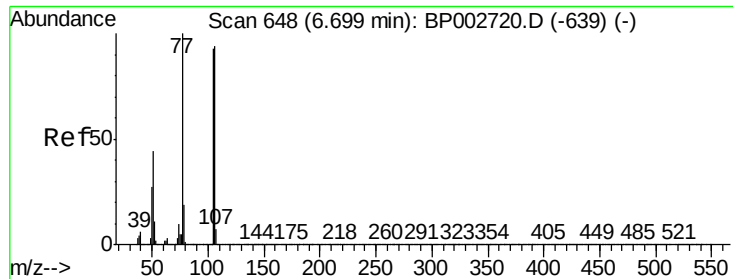
Lab File: BP002803.D

Acq: 20 Jul 2020 16:37

Tgt Ion: 128 Resp: 376409

Ion	Ratio	Lower	Upper
128	100		
130	31.7	12.2	52.2
64	49.7	28.8	68.8





#9

Benzaldehyde

Concen: 19.206 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BP002803.D

Acq: 20 Jul 2020 16:37

Instrument :

BNA_P

ClientSampleId :

AU-05-071720MS

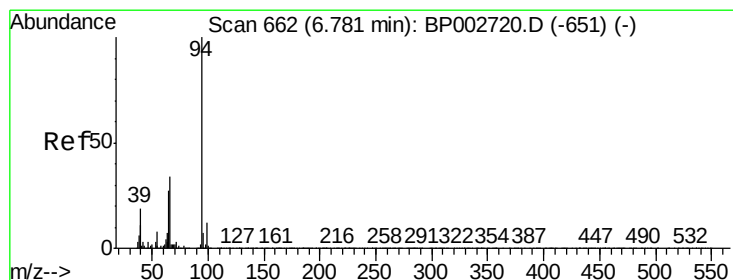
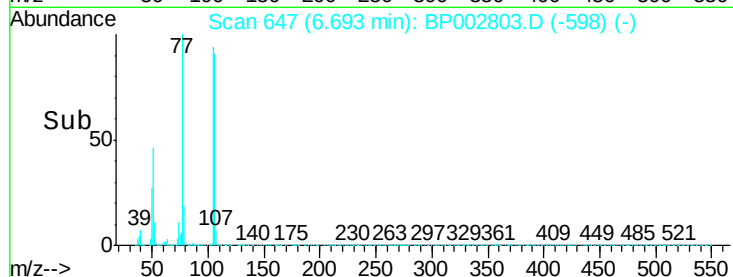
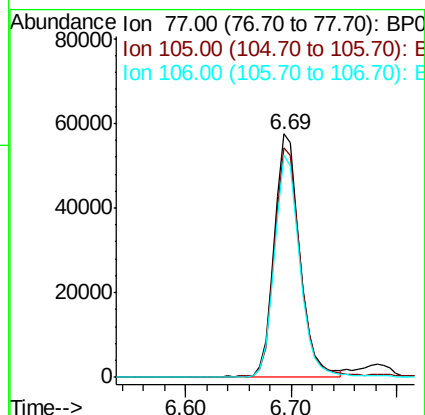
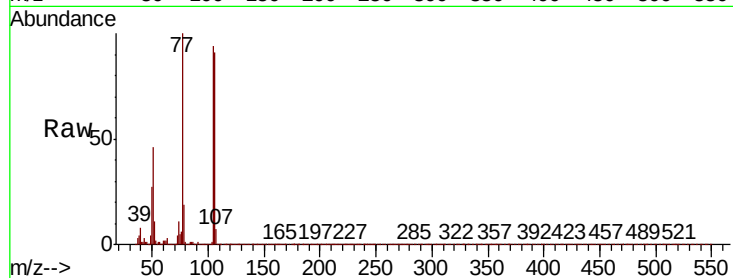
Tot Ion: 77 Resp: 94896

Ion Ratio Lower Upper

77 100

105 94.4 73.2 113.2

106 91.3 73.6 113.6



#10

Phenol

Concen: 48.041 ng

RT: 6.78 min Scan# 662

Delta R.T. 0.00 min

Lab File: BP002803.D

Acq: 20 Jul 2020 16:37

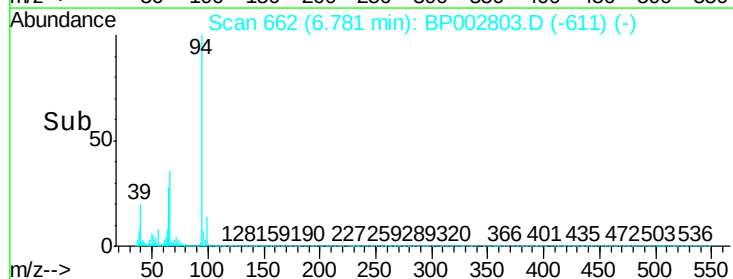
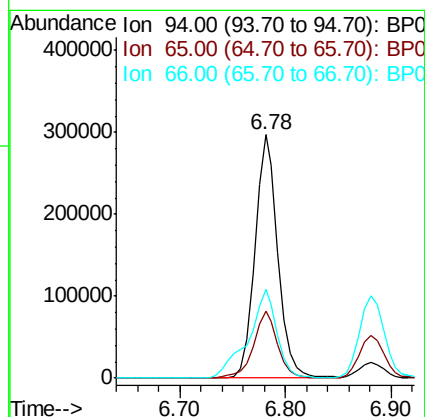
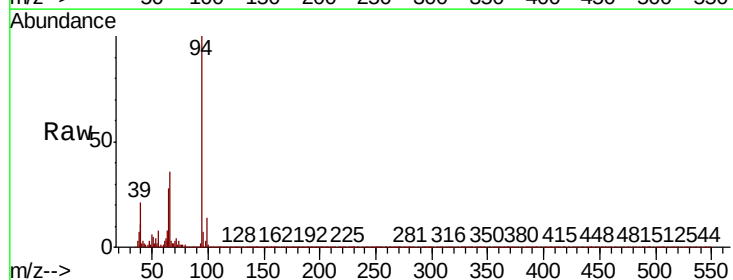
Tgt Ion: 94 Resp: 447539

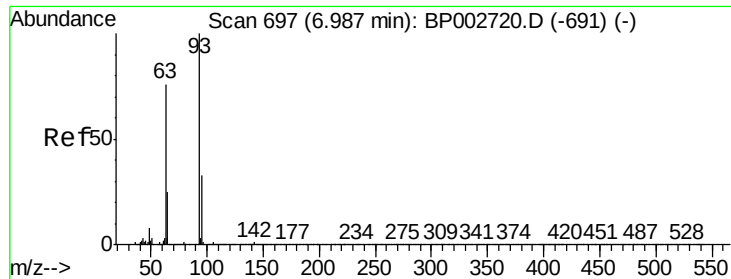
Ion Ratio Lower Upper

94 100

65 27.6 7.0 47.0

66 36.2 13.7 53.7

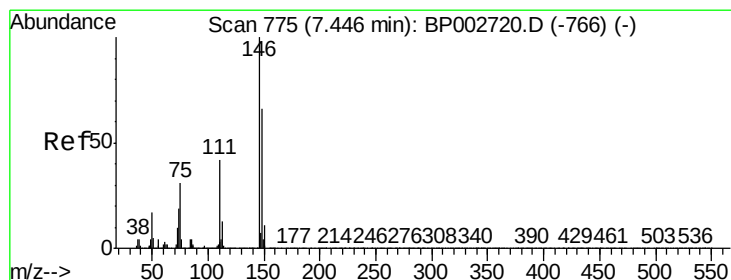
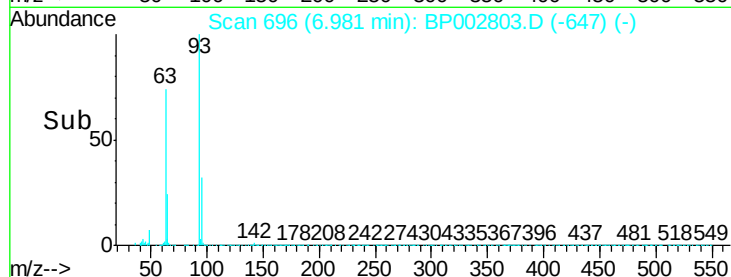
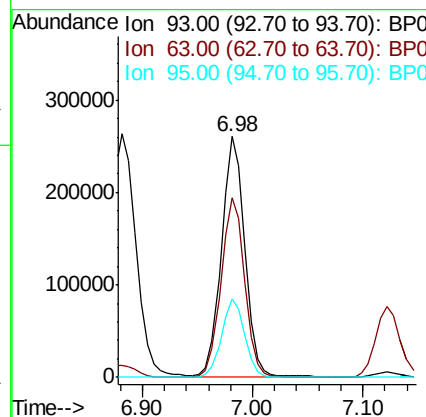
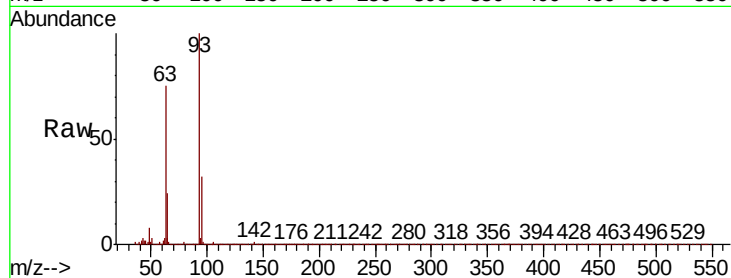




#11
bis(2-Chloroethyl)ether
Concen: 49.495 ng
RT: 6.98 min Scan# 696
Delta R.T. -0.01 min
Lab File: BP002803.D
Acq: 20 Jul 2020 16:37

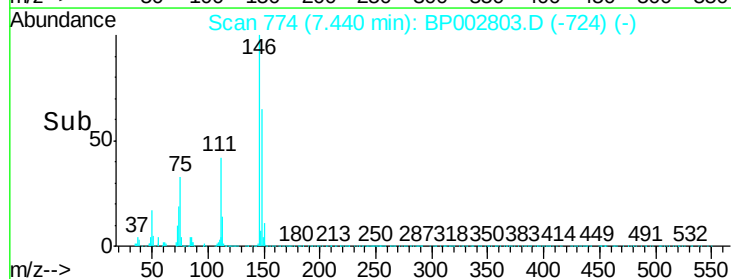
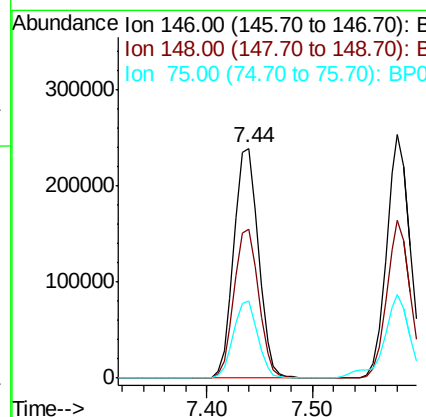
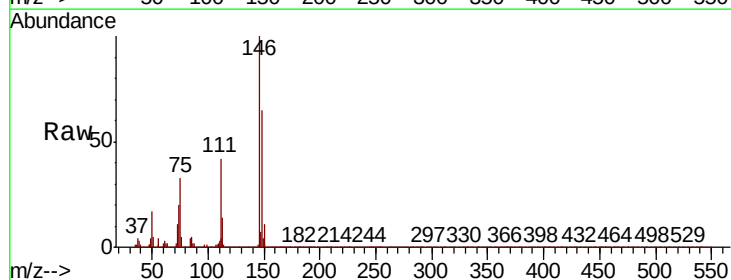
Instrument :
BNA_P
ClientSampleId :
AU-05-071720MS

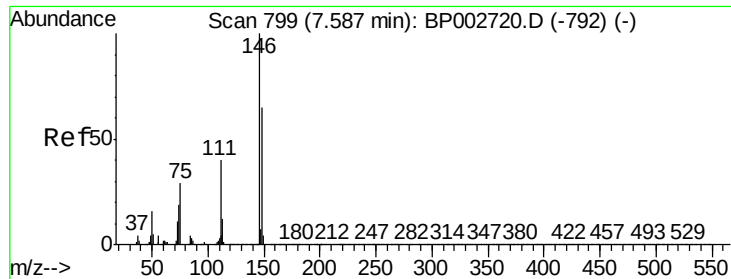
Tot Ion	Ratio	Lower	Upper
93	100		
63	74.6	55.1	95.1
95	32.4	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 47.296 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BP002803.D
Acq: 20 Jul 2020 16:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.6	78.8
75	33.3	25.2	37.8

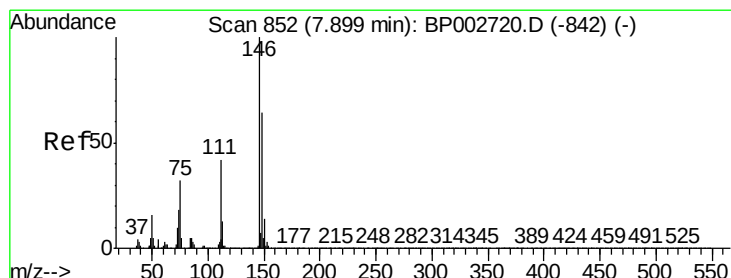
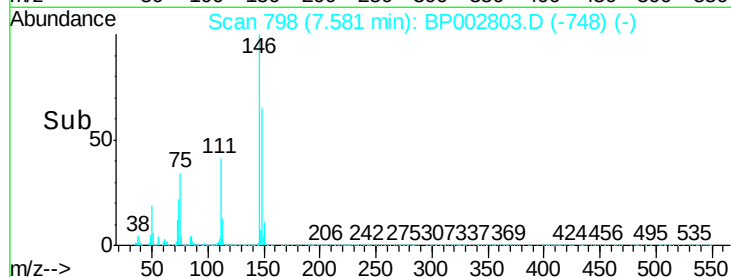
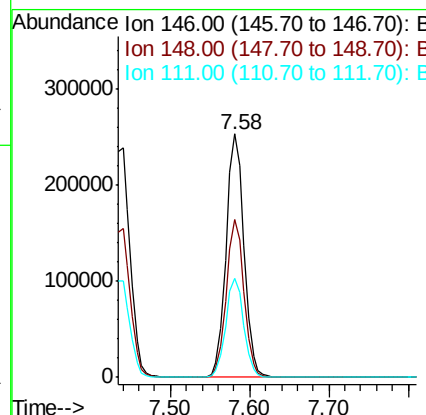
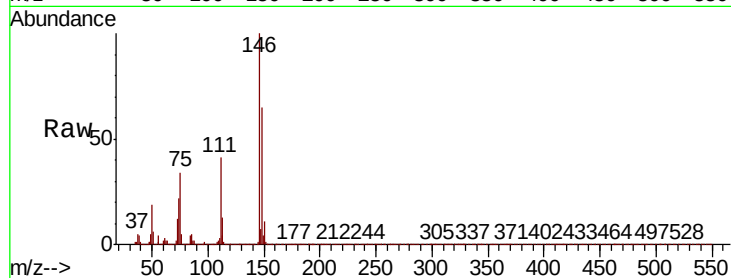




#13
 1,4-Dichlorobenzene
 Concen: 47.976 ng
 RT: 7.58 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BP002803.D
 Acq: 20 Jul 2020 16:37

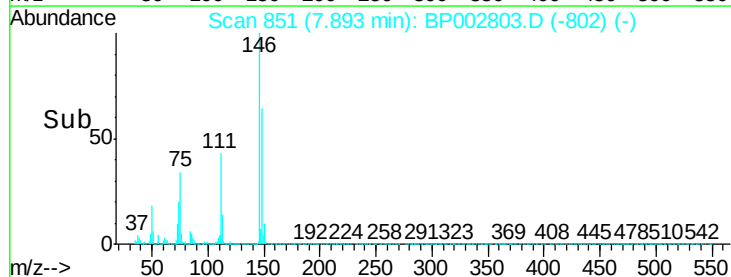
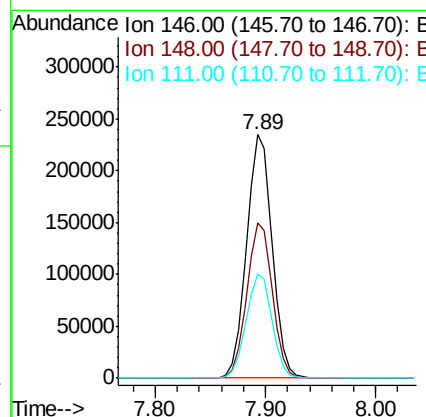
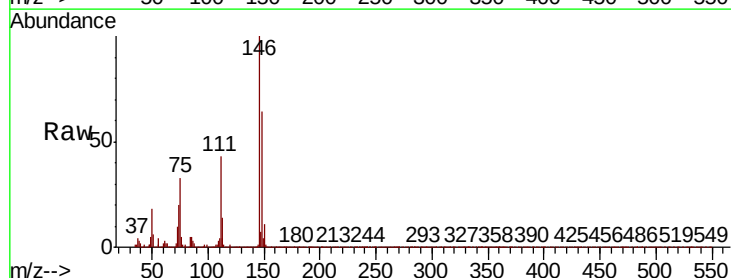
Instrument :
 BNA_P
 ClientSampleId :
 AU-05-071720MS

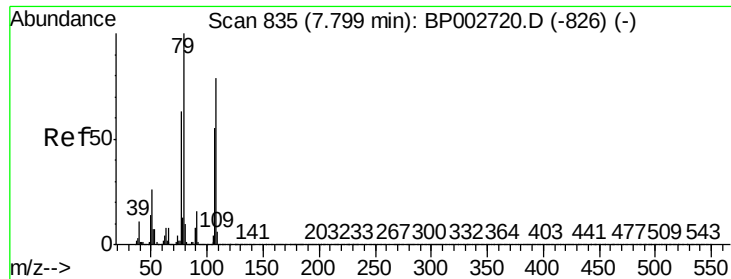
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.1	78.1
111	40.7	32.2	48.2



#14
 1,2-Dichlorobenzene
 Concen: 48.646 ng
 RT: 7.89 min Scan# 851
 Delta R.T. -0.01 min
 Lab File: BP002803.D
 Acq: 20 Jul 2020 16:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.0	76.6
111	42.9	33.9	50.9

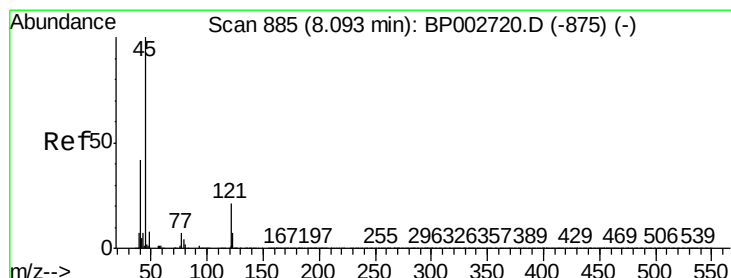
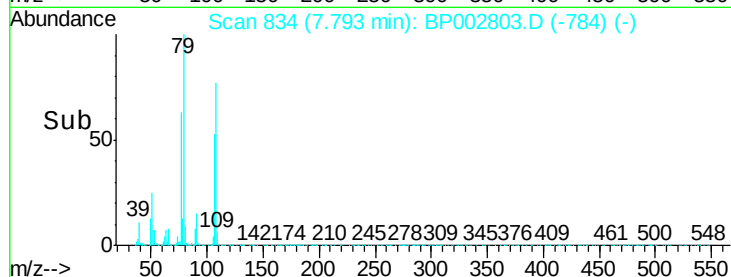
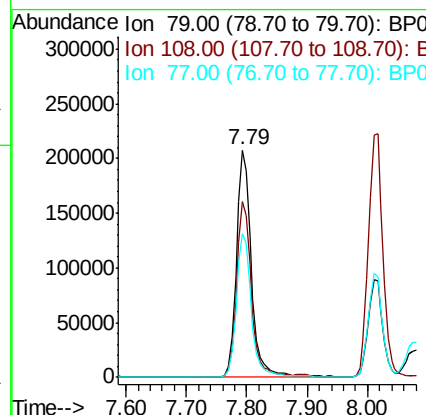
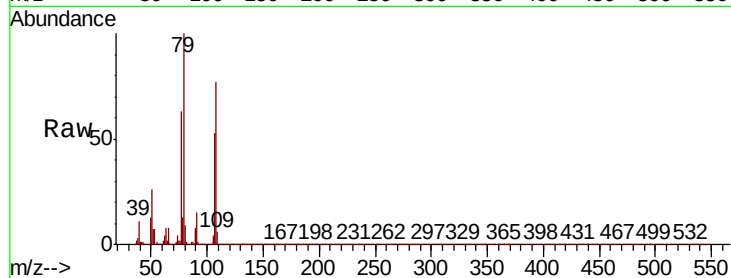




#15
Benzyl Alcohol
Concen: 58.462 ng
RT: 7.79 min Scan# 834
Delta R.T. -0.01 min
Lab File: BP002803.D
Acq: 20 Jul 2020 16:37

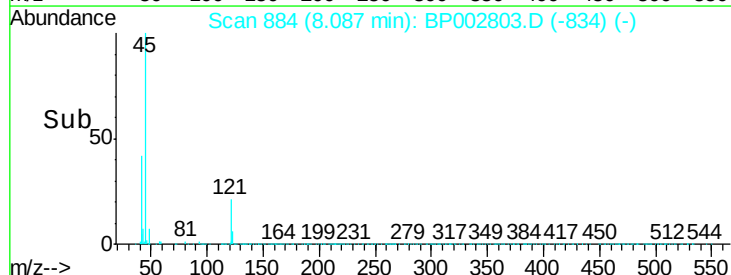
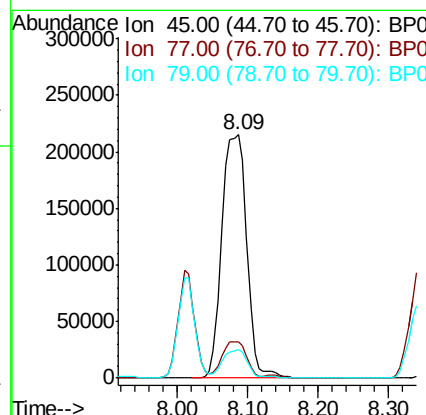
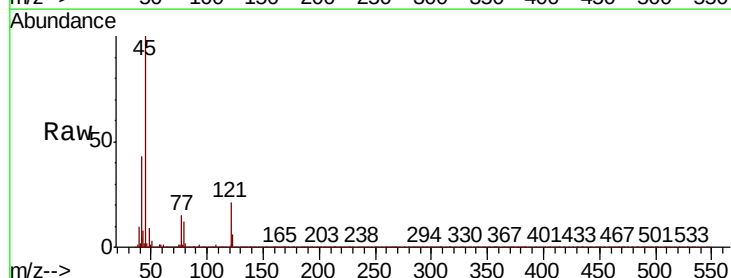
Instrument :
BNA_P
ClientSampleId :
AU-05-071720MS

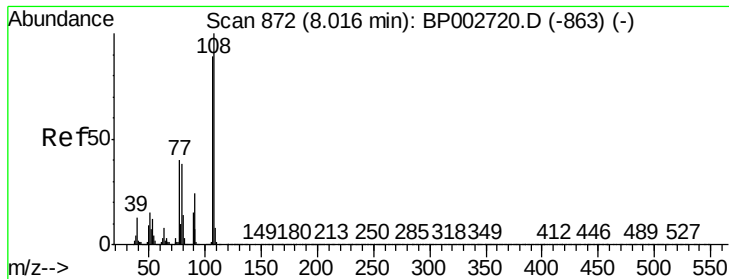
Tot Ion: 79 Resp: 355776
Ion Ratio Lower Upper
79 100
108 77.3 63.1 94.7
77 63.4 50.8 76.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.138 ng
RT: 8.09 min Scan# 884
Delta R.T. -0.01 min
Lab File: BP002803.D
Acq: 20 Jul 2020 16:37

Tgt Ion: 45 Resp: 525291
Ion Ratio Lower Upper
45 100
77 15.1 0.0 34.8
79 12.0 0.0 31.6

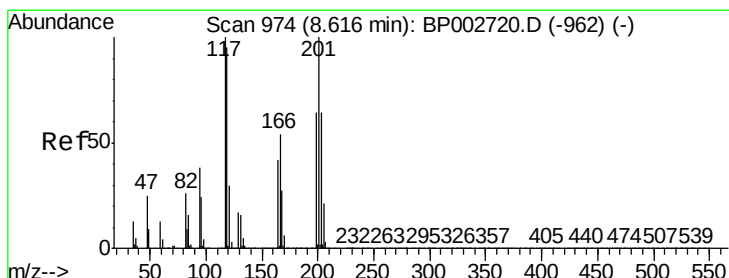
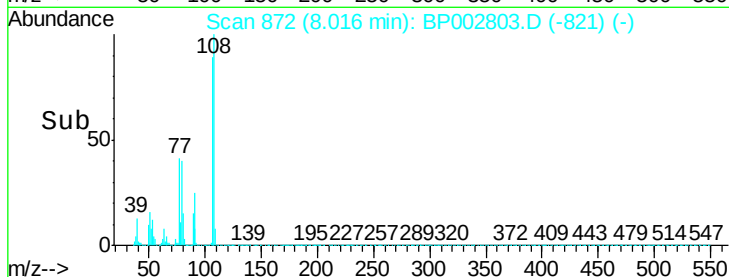
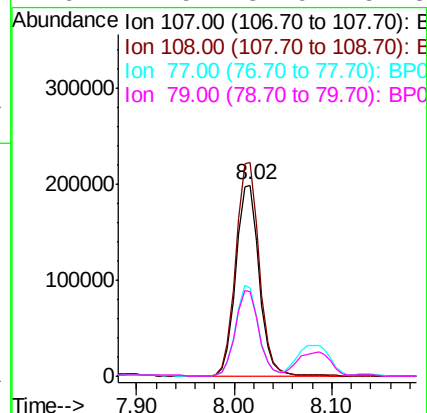
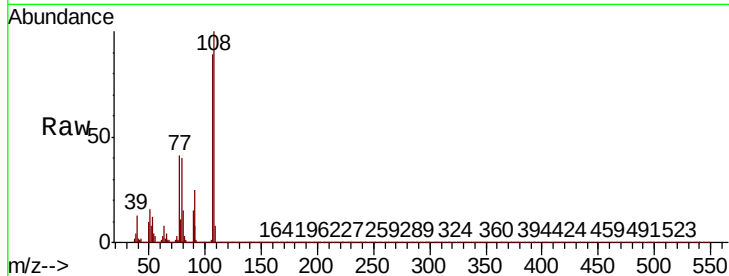




#17
2-Methylphenol
Concen: 49.732 ng
RT: 8.02 min Scan# 872
Delta R.T. 0.00 min
Lab File: BP002803.D
Acq: 20 Jul 2020 16:37

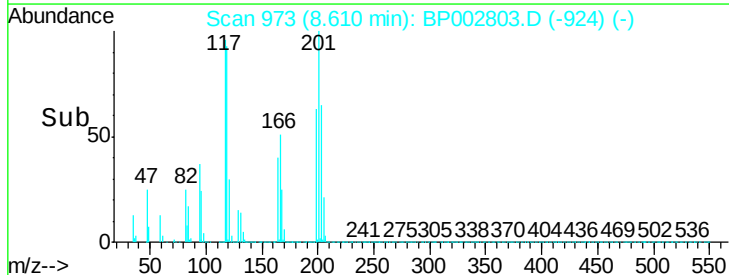
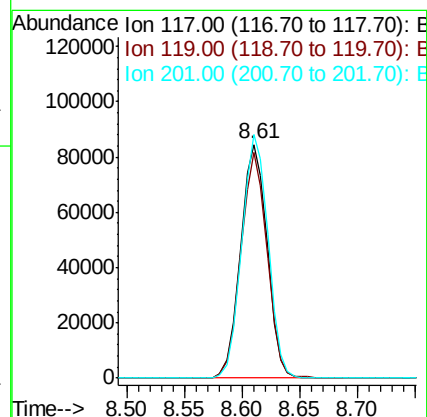
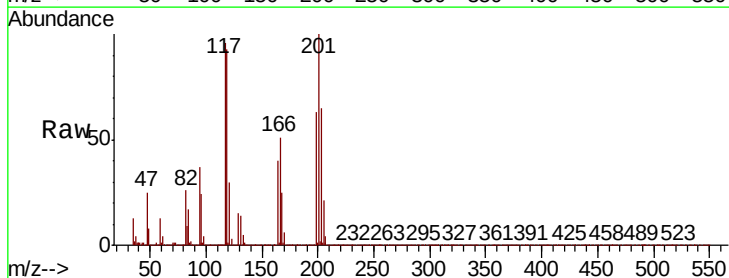
Instrument :
BNA_P
ClientSampleId :
AU-05-071720MS

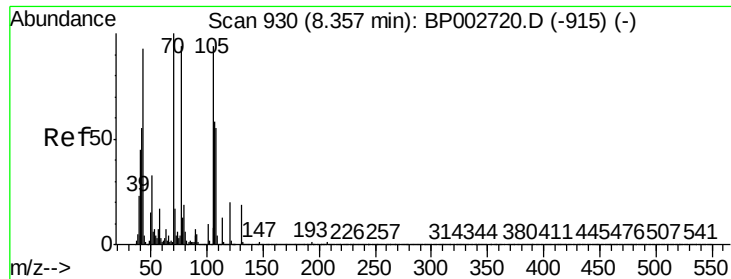
Tot Ion:	107	Resp:	330056
Ion	Ratio	Lower	Upper
107	100		
108	111.9	89.9	134.9
77	46.2	36.6	54.8
79	44.5	34.9	52.3



#18
Hexachloroethane
Concen: 46.356 ng
RT: 8.61 min Scan# 973
Delta R.T. -0.01 min
Lab File: BP002803.D
Acq: 20 Jul 2020 16:37

Tgt Ion:	117	Resp:	133954
Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.6	115.0
201	104.0	80.3	120.5

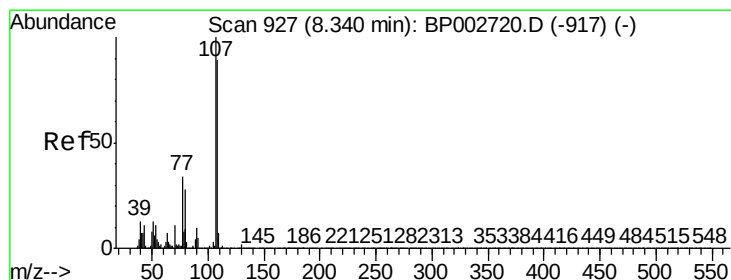
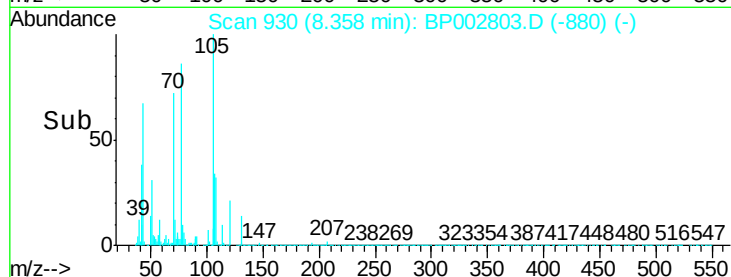
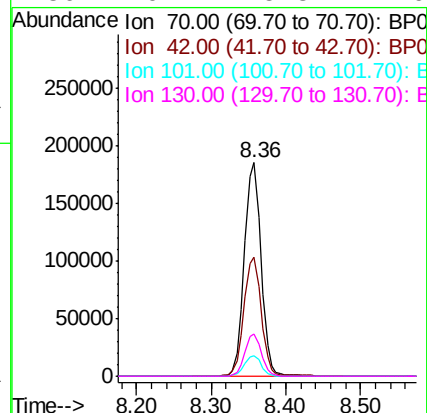
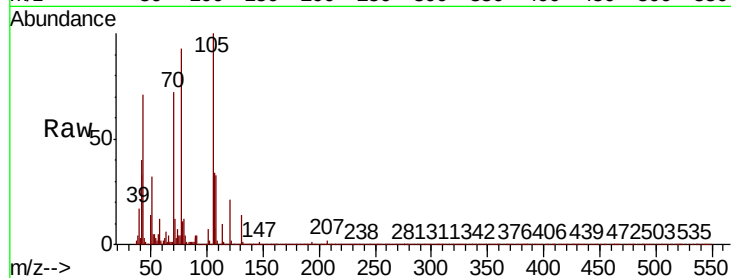




#19
n-Nitroso-di-n-propylamine
Concen: 51.995 ng
RT: 8.36 min Scan# 930
Delta R.T. -0.01 min
Lab File: BP002803.D
Acq: 20 Jul 2020 16:37

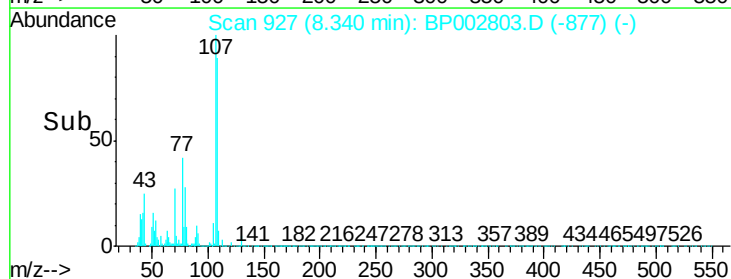
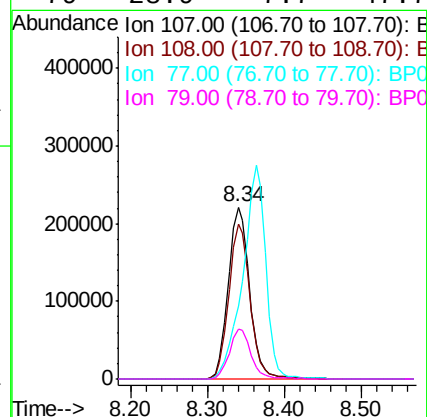
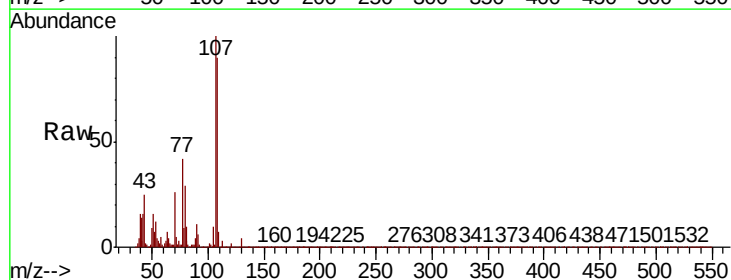
Instrument :
BNA_P
ClientSampleId :
AU-05-071720MS

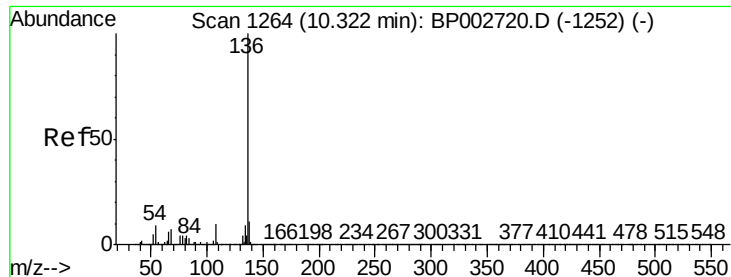
Tot Ion:	70	Resp:	287944
Ion	Ratio	Lower	Upper
70	100		
42	55.9	44.2	66.4
101	9.4	7.7	11.5
130	19.7	15.3	22.9



#20
3+4-Methylphenols
Concen: 48.833 ng
RT: 8.34 min Scan# 927
Delta R.T. -0.01 min
Lab File: BP002803.D
Acq: 20 Jul 2020 16:37

Tgt Ion:	107	Resp:	428536
Ion	Ratio	Lower	Upper
107	100		
108	90.0	69.5	109.5
77	42.2	14.3	54.3
79	28.9	7.7	47.7

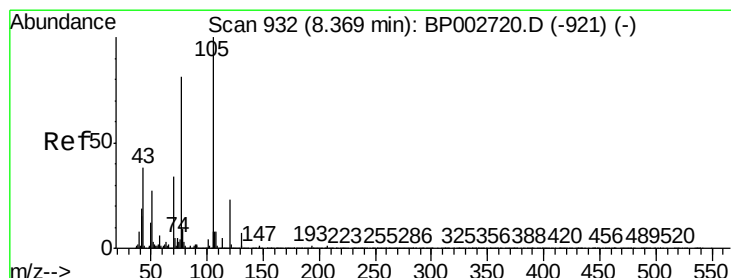
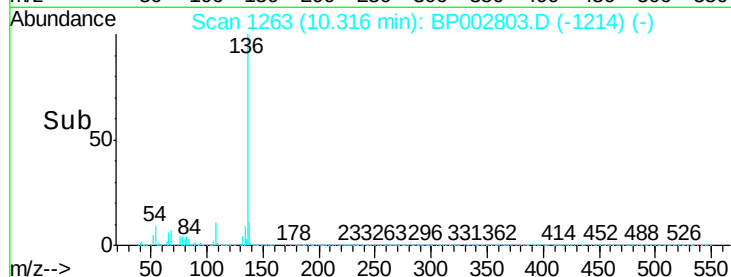
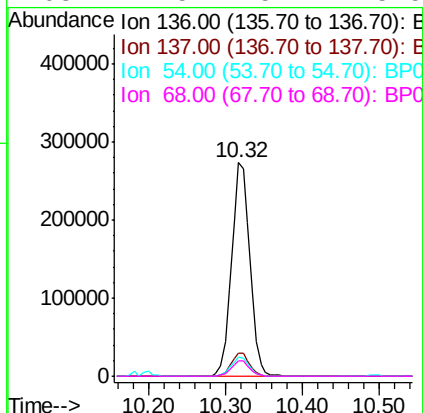
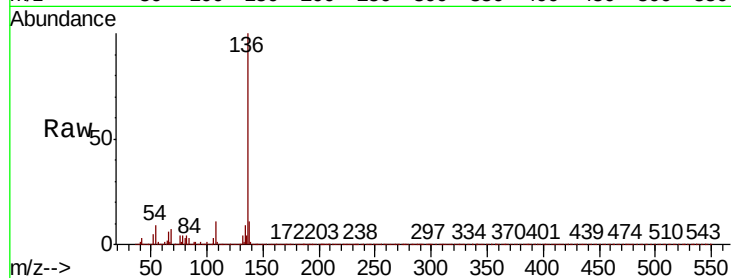




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BP002803.D
Acq: 20 Jul 2020 16:37

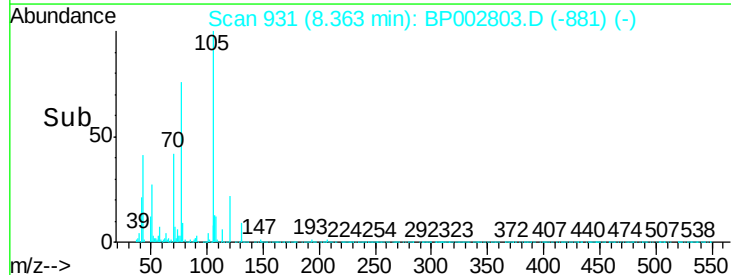
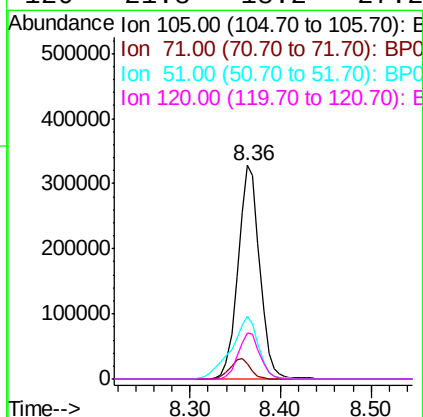
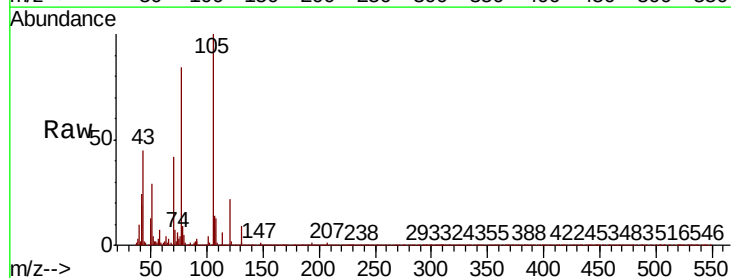
Instrument :
BNA_P
ClientSampleId :
AU-05-071720MS

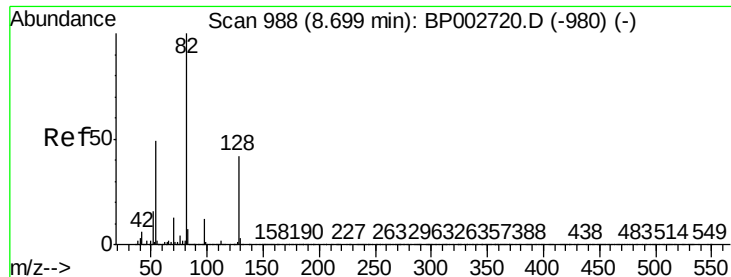
Tot Ion:136	Resp:	454356
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.6	13.0
54 8.8	6.9	10.3
68 7.5	5.7	8.5



#22
Acetophenone
Concen: 48.692 ng
RT: 8.36 min Scan# 931
Delta R.T. -0.01 min
Lab File: BP002803.D
Acq: 20 Jul 2020 16:37

Tgt	Ion:105	Resp:	545399
Ion	Ratio	Lower	Upper
105	100		
71	7.0	4.4	6.6#
51	29.1	21.8	32.8
120	21.8	18.2	27.2

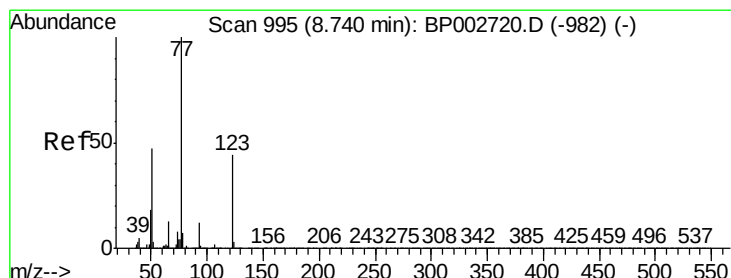
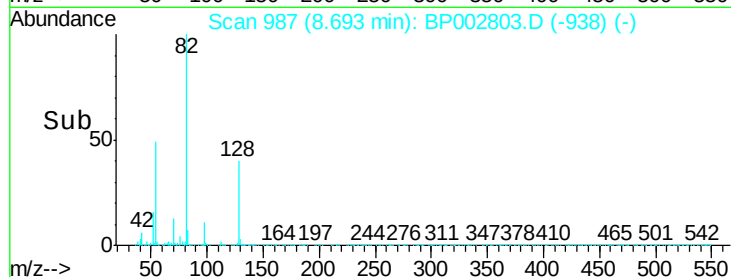
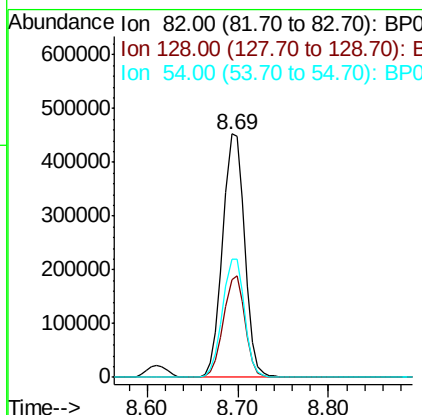
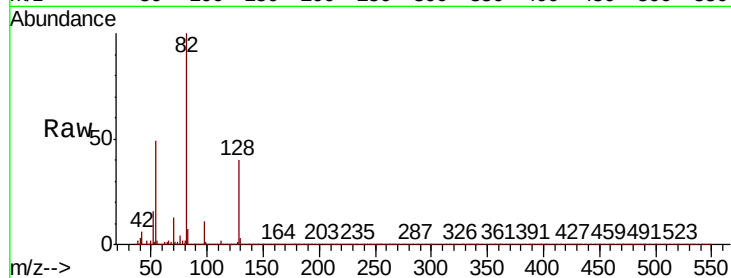




#23
Nitrobenzene-d5
Concen: 89.859 ng
RT: 8.69 min Scan# 987
Delta R.T. -0.01 min
Lab File: BP002803.D
Acq: 20 Jul 2020 16:37

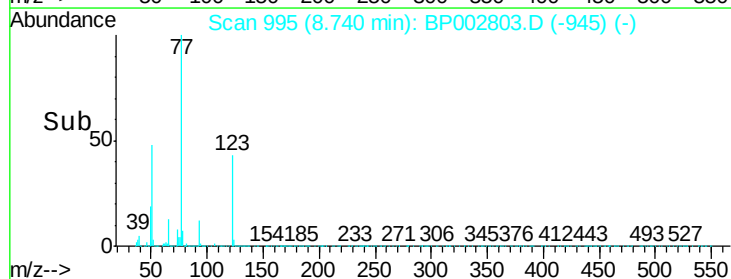
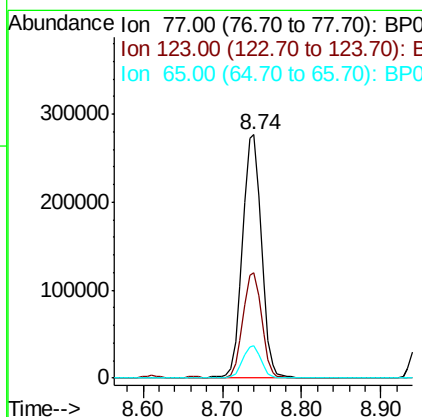
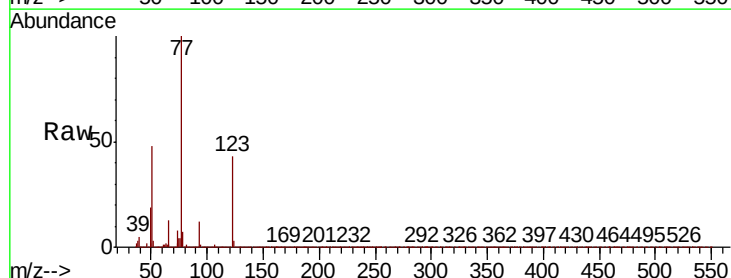
Instrument :
BNA_P
ClientSampleId :
AU-05-071720MS

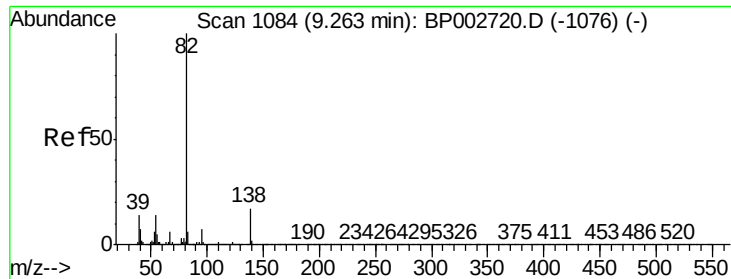
Tot Ion	82	Resp	763374
Ion Ratio	Lower	Upper	
82	100		
128	40.3	33.8	50.8
54	48.8	38.8	58.2



#24
Nitrobenzene
Concen: 49.740 ng
RT: 8.74 min Scan# 995
Delta R.T. -0.01 min
Lab File: BP002803.D
Acq: 20 Jul 2020 16:37

Tgt Ion	77	Resp	457623
Ion Ratio	Lower	Upper	
77	100		
123	43.4	35.0	52.6
65	13.4	10.4	15.6





#25

Isophorone

Concen: 49.191 ng

RT: 9.26 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BP002803.D

Acq: 20 Jul 2020 16:37

Instrument :

BNA_P

ClientSampleId :

AU-05-071720MS

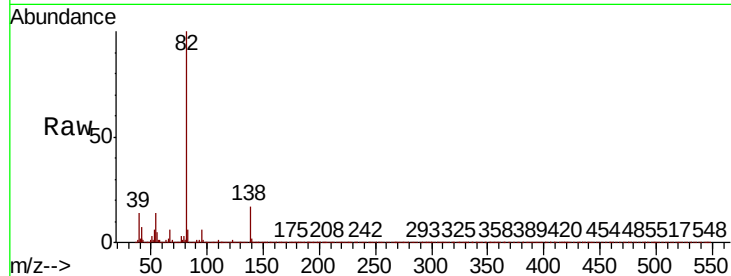
Tot Ion: 82 Resp: 851704

Ion Ratio Lower Upper

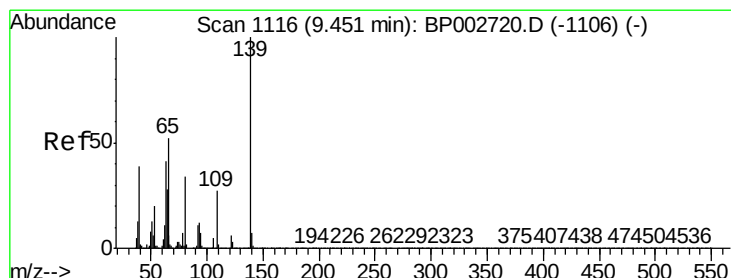
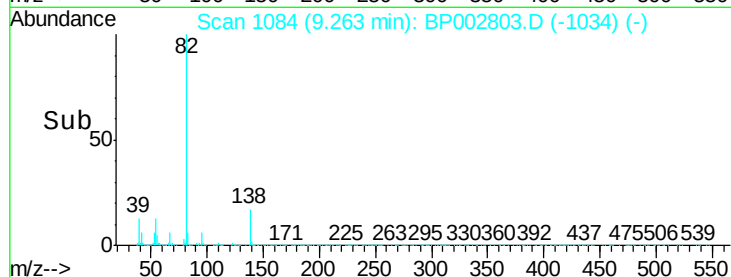
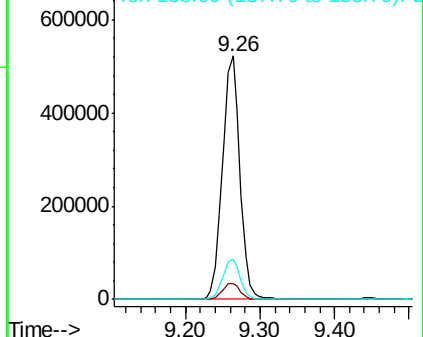
82 100

95 6.4 5.2 7.8

138 16.5 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 95.00 (94.70 to 95.70): BP0
Ion 138.00 (137.70 to 138.70): BP0



#26

2-Nitrophenol

Concen: 51.450 ng

RT: 9.45 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BP002803.D

Acq: 20 Jul 2020 16:37

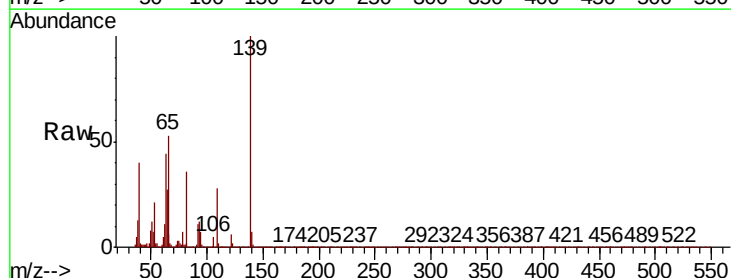
Tgt Ion: 139 Resp: 204452

Ion Ratio Lower Upper

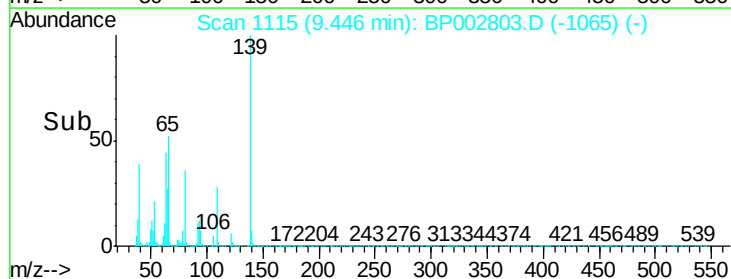
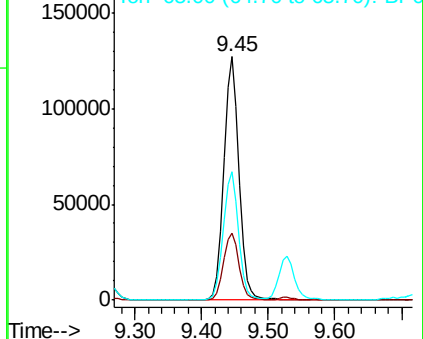
139 100

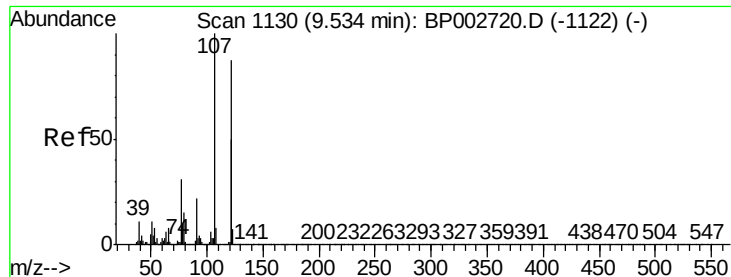
109 27.8 21.9 32.9

65 52.6 41.3 61.9



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BP0





#27

2,4-Dimethylphenol

Concen: 53.629 ng

RT: 9.53 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BP002803.D

Acq: 20 Jul 2020 16:37

Instrument :

BNA_P

ClientSampleId :

AU-05-071720MS

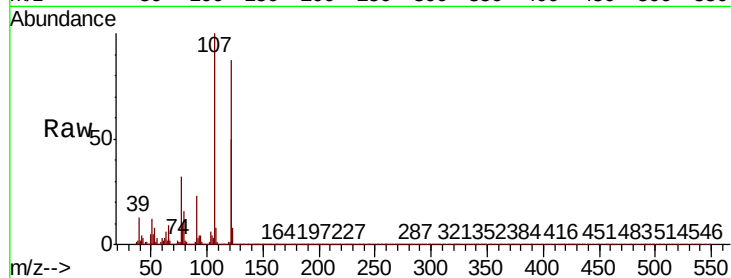
Tot Ion:122 Resp: 345985

Ion Ratio Lower Upper

122 100

107 114.9 92.2 138.4

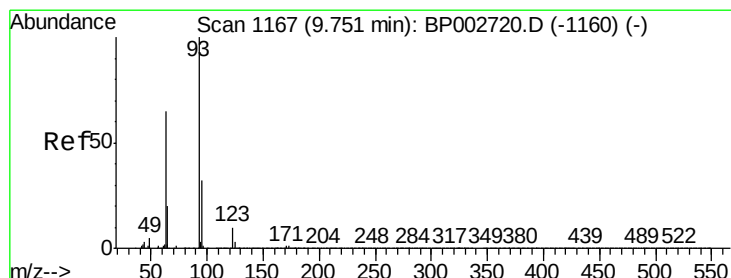
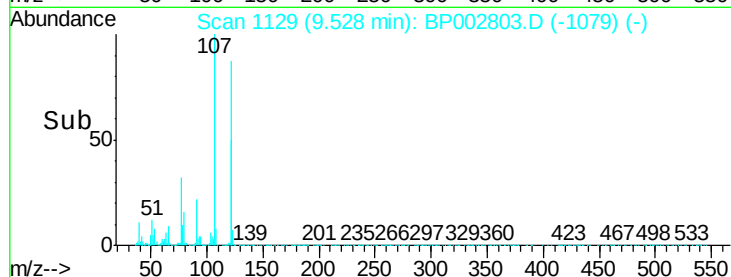
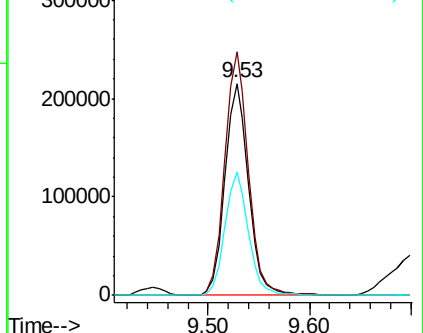
121 58.0 45.8 68.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 49.452 ng

RT: 9.75 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BP002803.D

Acq: 20 Jul 2020 16:37

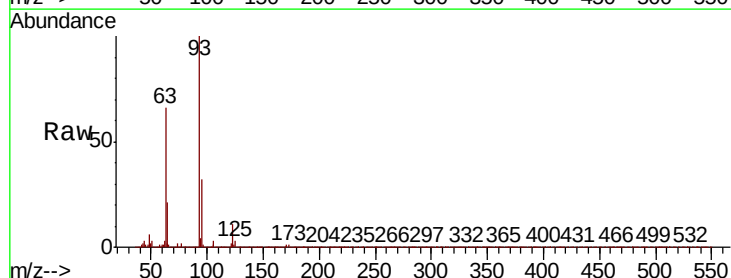
Tgt Ion: 93 Resp: 520067

Ion Ratio Lower Upper

93 100

95 32.2 25.8 38.6

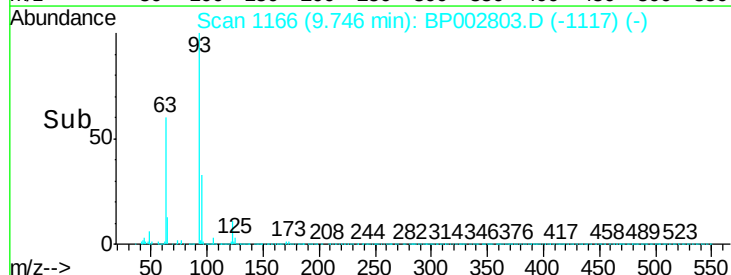
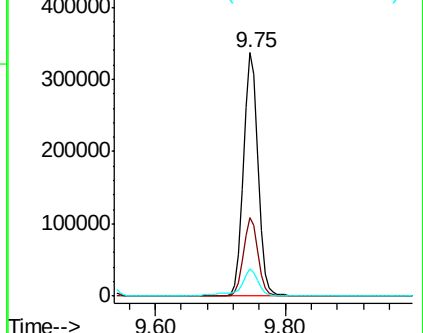
123 11.1 8.9 13.3

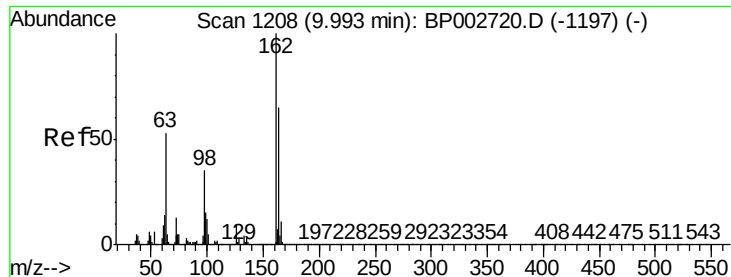


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E

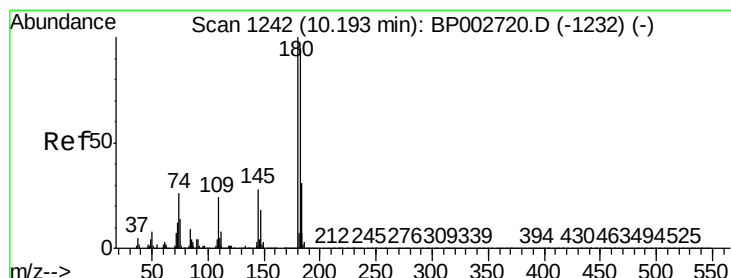
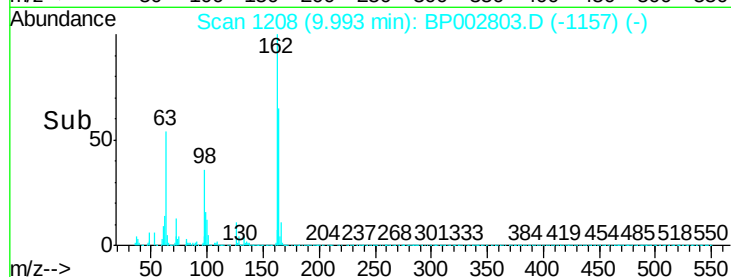
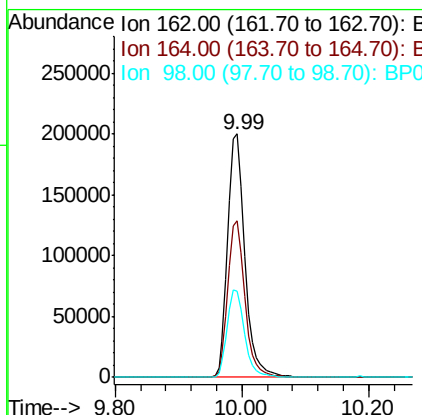
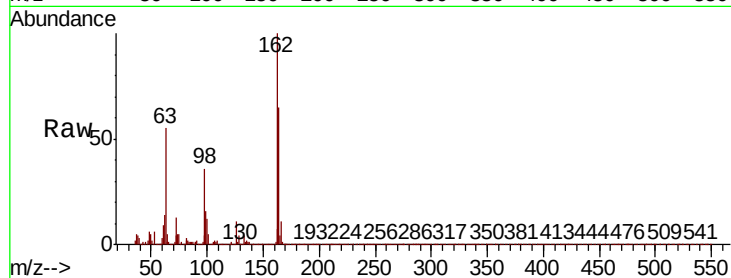




#29
2,4-Dichlorophenol
Concen: 52.515 ng
RT: 9.99 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BP002803.D
Acq: 20 Jul 2020 16:37

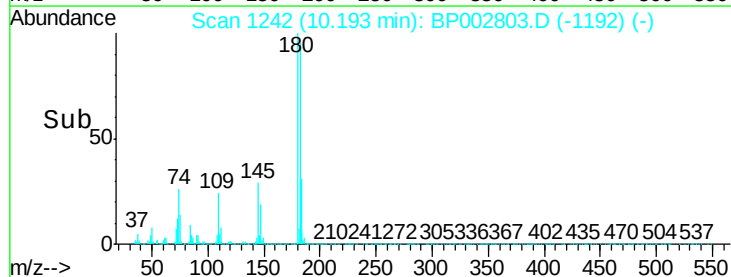
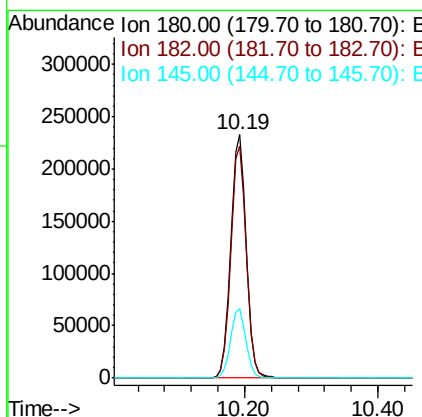
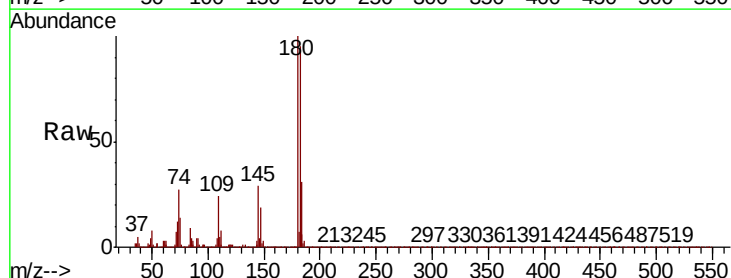
Instrument :
BNA_P
ClientSampleId :
AU-05-071720MS

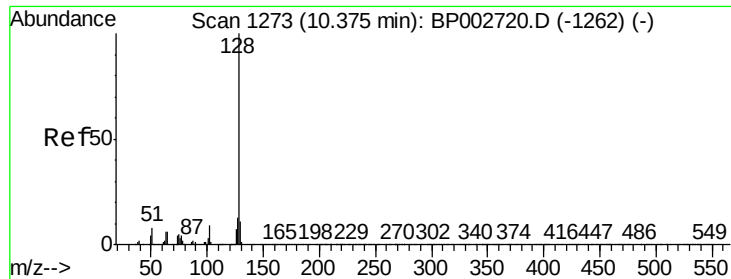
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.5	84.5
98	35.6	15.2	55.2



#30
1,2,4-Trichlorobenzene
Concen: 46.662 ng
RT: 10.19 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BP002803.D
Acq: 20 Jul 2020 16:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.8	113.6
145	28.7	22.6	34.0

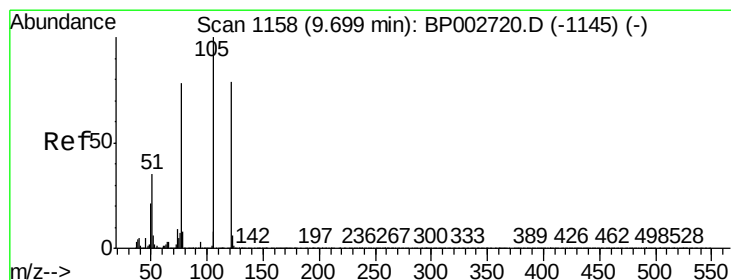
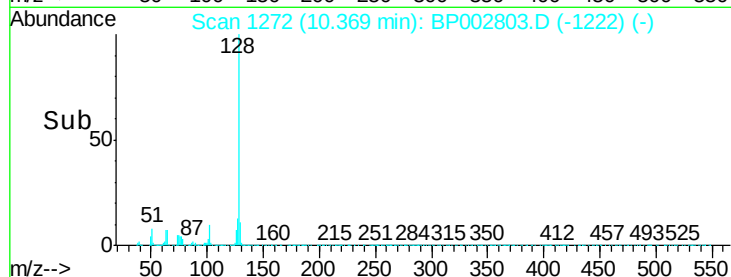
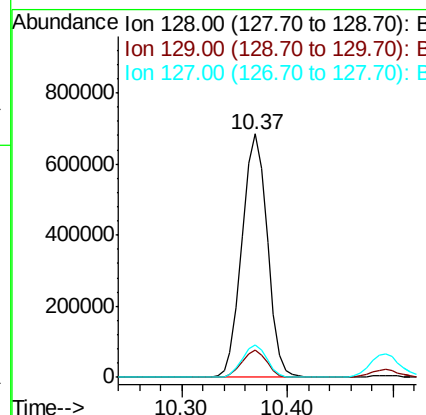
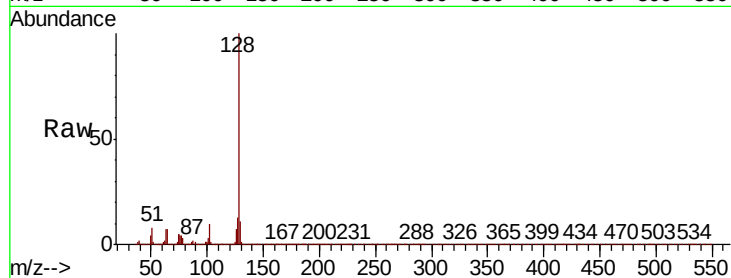




#31
Naphthalene
Concen: 47.450 ng
RT: 10.37 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BP002803.D
Acq: 20 Jul 2020 16:37

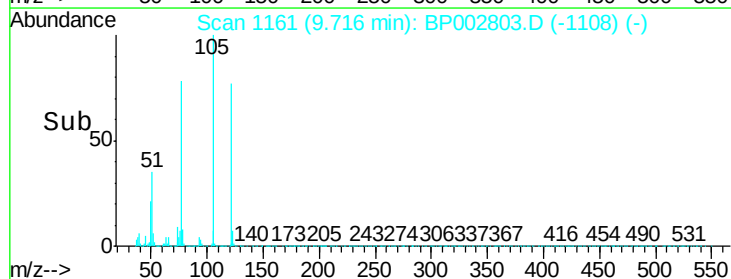
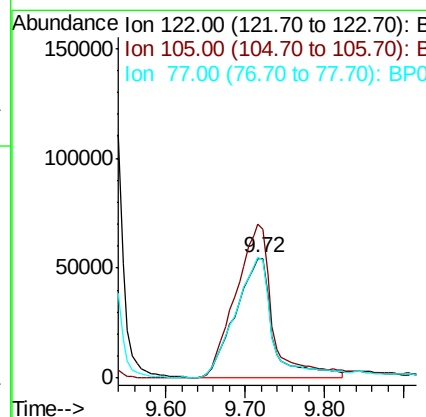
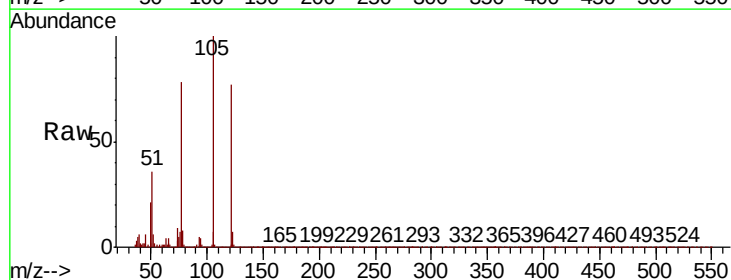
Instrument :
BNA_P
ClientSampleId :
AU-05-071720MS

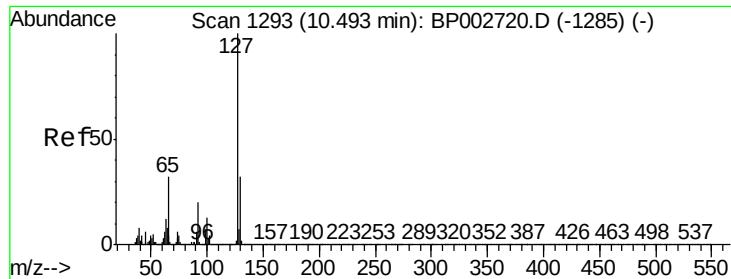
Tot Ion:128 Resp: 1138229
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.4 10.6 15.8



#32
Benzoic acid
Concen: 37.037 ng
RT: 9.72 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BP002803.D
Acq: 20 Jul 2020 16:37

Tgt Ion:122 Resp: 175416
Ion Ratio Lower Upper
122 100
105 129.3 105.4 145.4
77 100.9 78.5 118.5

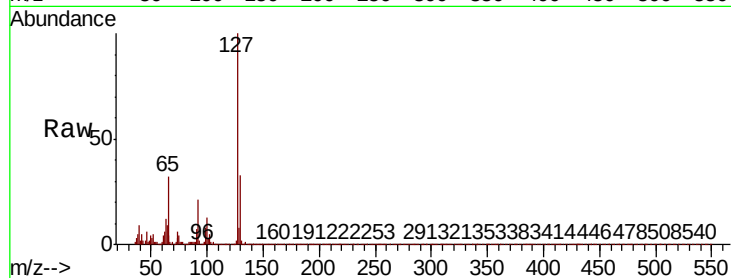




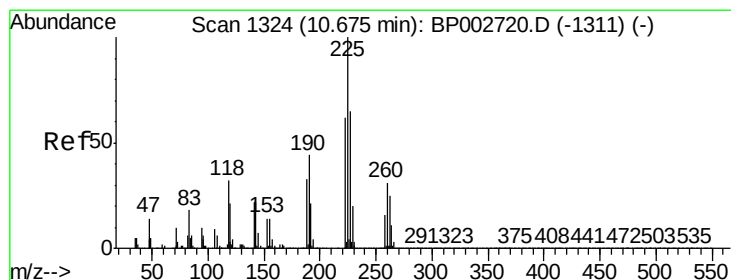
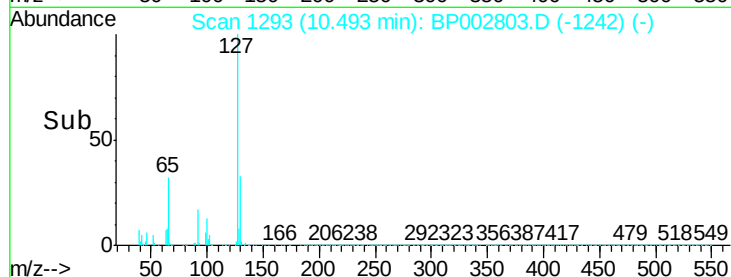
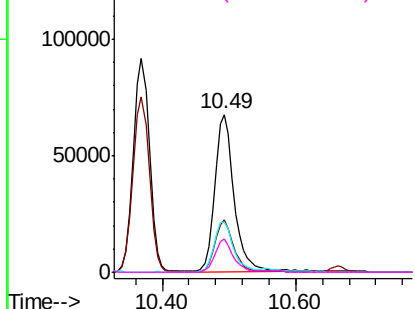
#33
4-Chloroaniline
Concen: 13.516 ng
RT: 10.49 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BP002803.D
Acq: 20 Jul 2020 16:37

Instrument :
BNA_P
ClientSampleId :
AU-05-071720MS

Tot Ion:	127	Resp:	138929
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.3	37.9
65	31.8	25.4	38.2
92	20.9	15.8	23.8

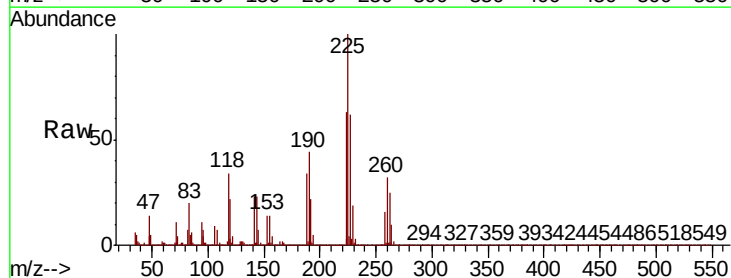


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BP0
Ion 92.00 (91.70 to 92.70): BP0

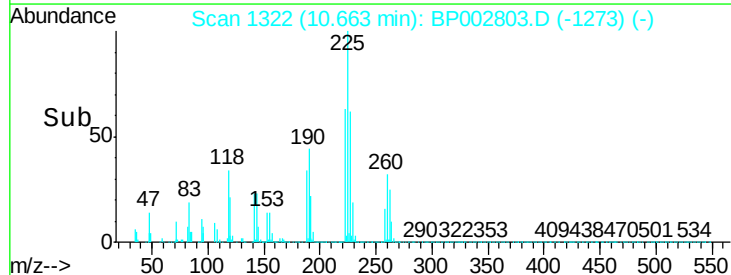
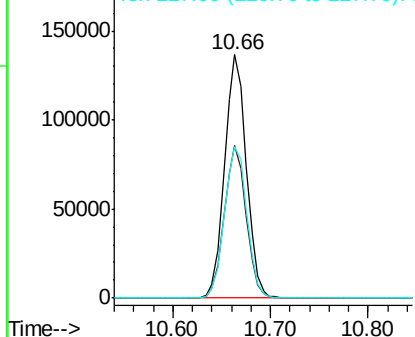


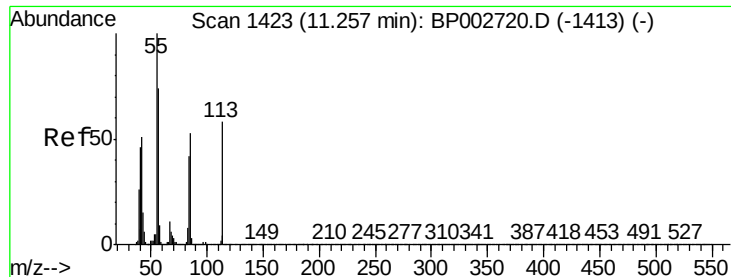
#34
Hexachlorobutadiene
Concen: 44.774 ng
RT: 10.66 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BP002803.D
Acq: 20 Jul 2020 16:37

Tgt Ion:	225	Resp:	210835
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.9	74.9
227	62.4	51.8	77.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

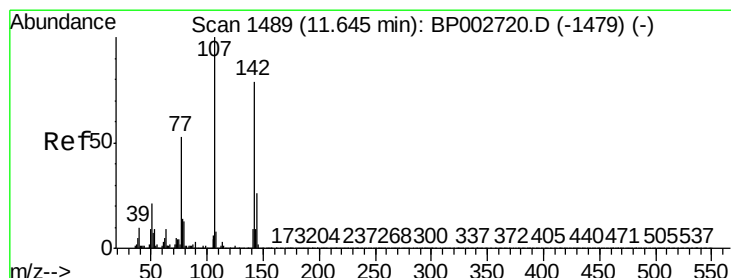
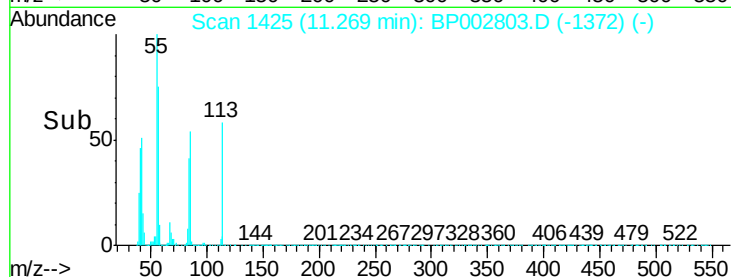
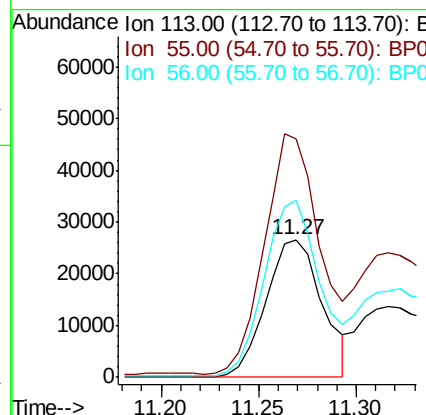
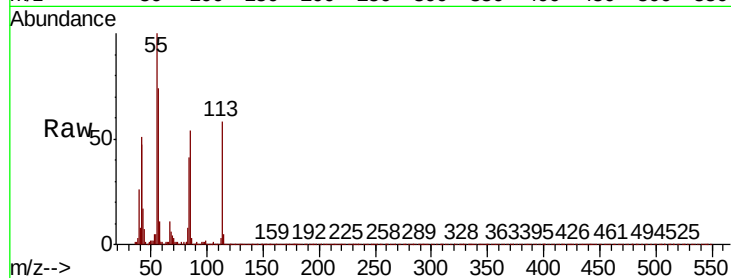




#35
Caprolactam
Concen: 21.277 ng
RT: 11.27 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BP002803.D
Acq: 20 Jul 2020 16:37

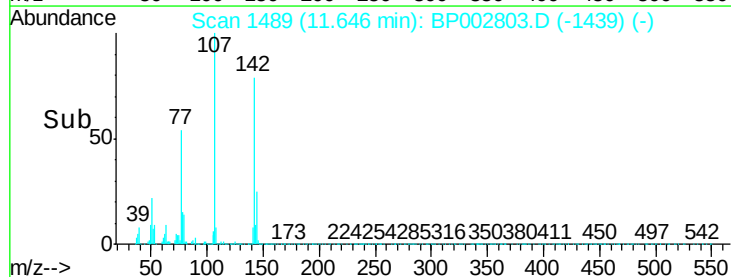
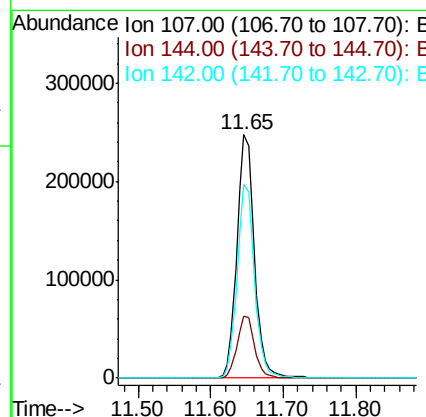
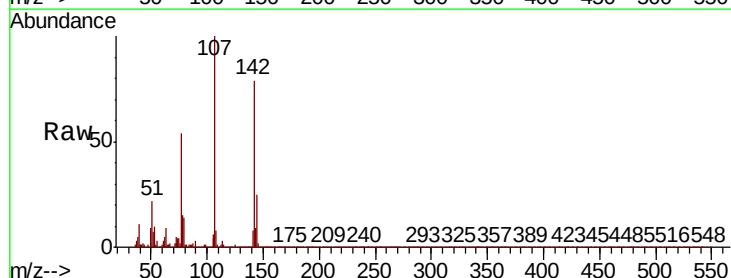
Instrument :
BNA_P
ClientSampleId :
AU-05-071720MS

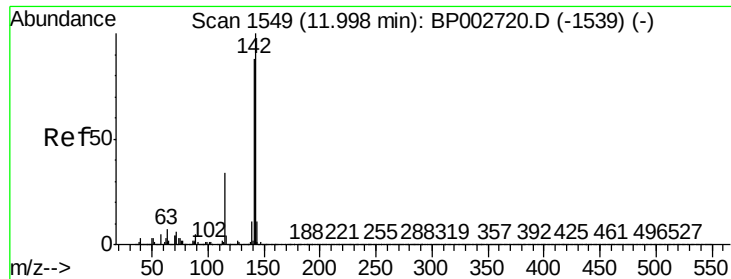
Tot Ion:113 Resp: 52914
Ion Ratio Lower Upper
113 100
55 173.1 152.8 192.8
56 128.8 107.5 147.5



#36
4-Chloro-3-methylphenol
Concen: 54.416 ng
RT: 11.65 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BP002803.D
Acq: 20 Jul 2020 16:37

Tgt Ion:107 Resp: 417203
Ion Ratio Lower Upper
107 100
144 25.2 20.6 30.8
142 79.3 63.4 95.2

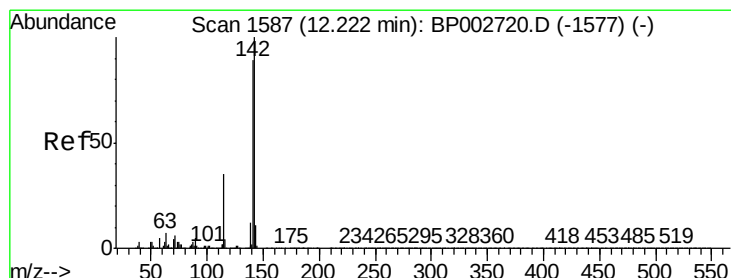
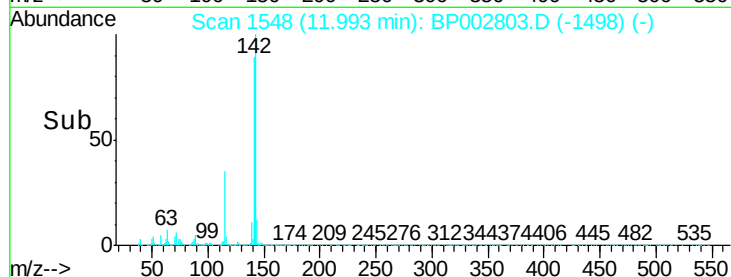
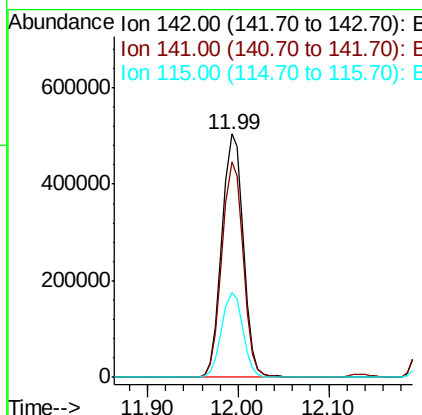
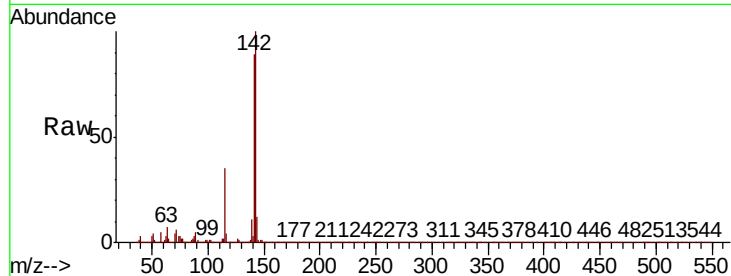




#37
2-Methylnaphthalene
Concen: 48.925 ng
RT: 11.99 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BP002803.D
Acq: 20 Jul 2020 16:37

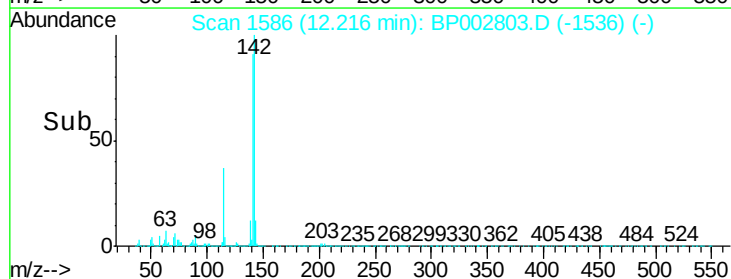
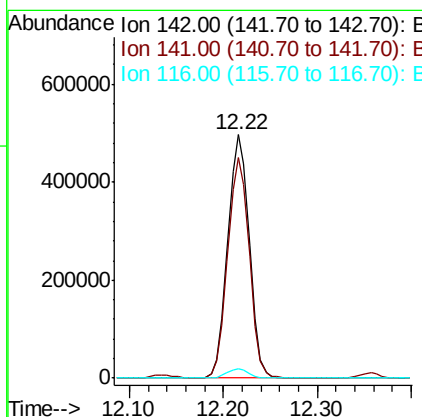
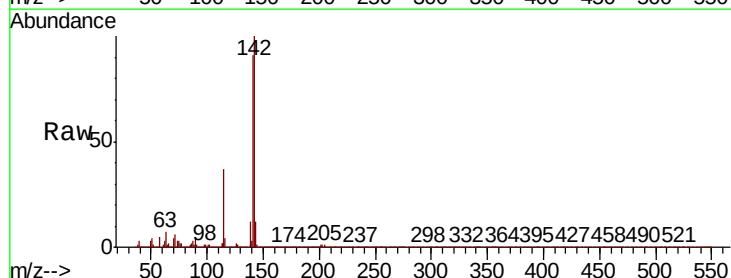
Instrument :
BNA_P
ClientSampleId :
AU-05-071720MS

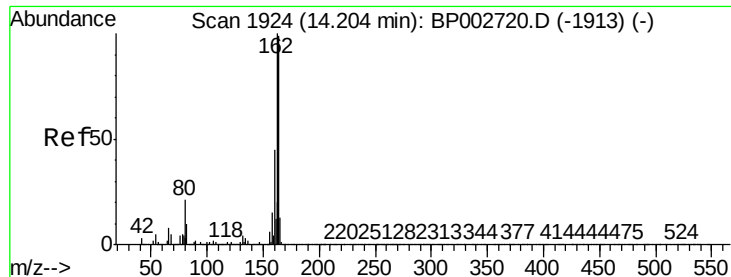
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.4	105.6
115	34.6	27.0	40.6



#38
1-Methylnaphthalene
Concen: 49.146 ng
RT: 12.22 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BP002803.D
Acq: 20 Jul 2020 16:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.5	107.3
116	3.8	2.9	4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.20 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BP002803.D

Acq: 20 Jul 2020 16:37

Instrument :

BNA_P

ClientSampleId :

AU-05-071720MS

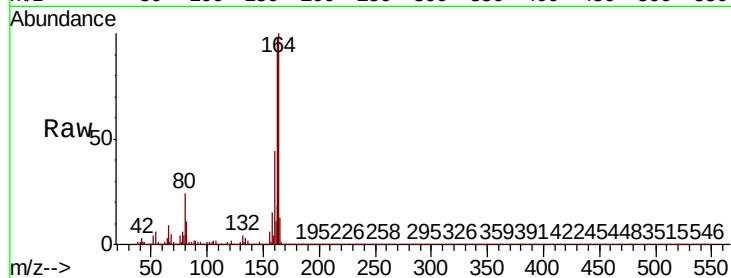
Tot Ion:164 Resp: 288737

Ion Ratio Lower Upper

164 100

162 98.2 80.6 121.0

160 44.3 36.4 54.6

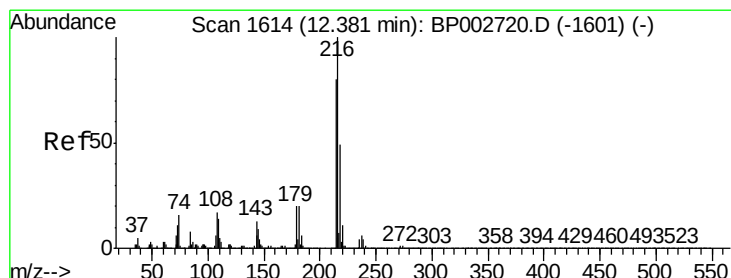
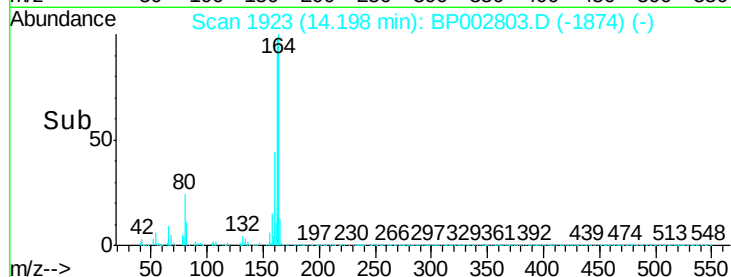
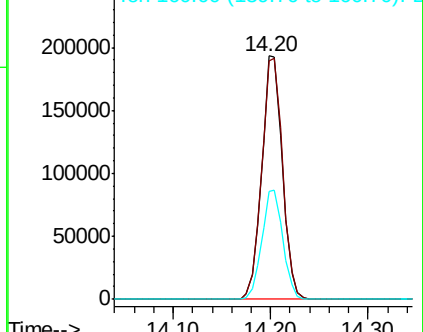


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.909 ng

RT: 12.37 min Scan# 1613

Delta R.T. -0.01 min

Lab File: BP002803.D

Acq: 20 Jul 2020 16:37

Tgt Ion:216 Resp: 416256

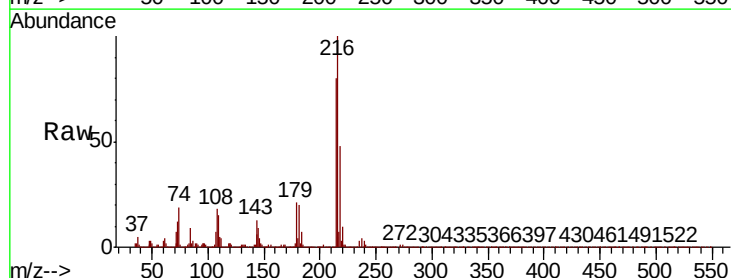
Ion Ratio Lower Upper

216 100

214 78.6 63.4 95.2

179 20.1 16.2 24.2

108 18.2 14.8 22.2



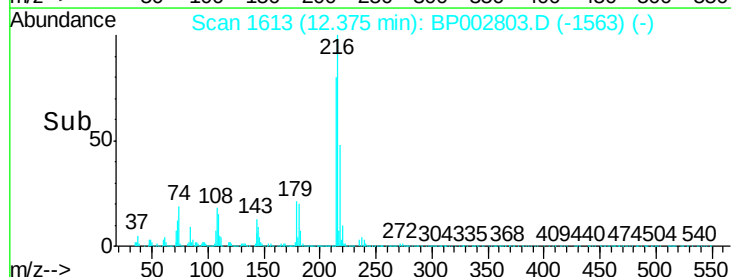
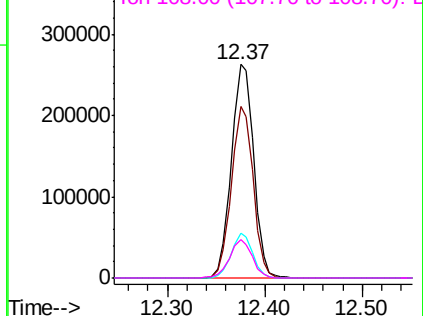
Abundance

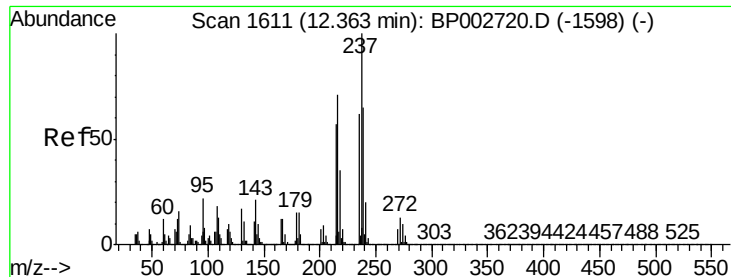
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

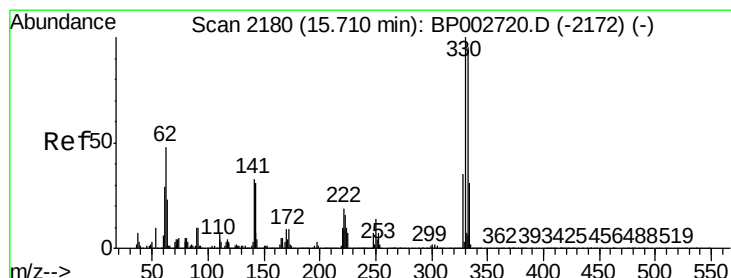
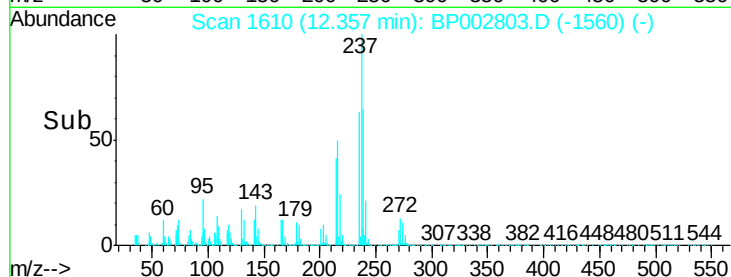
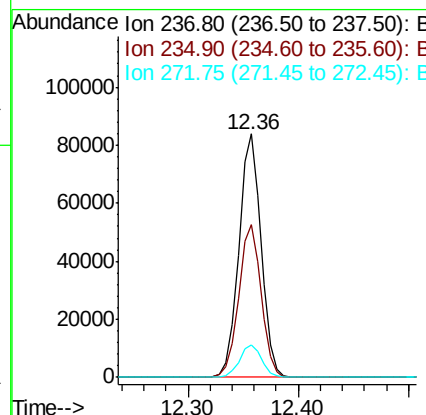
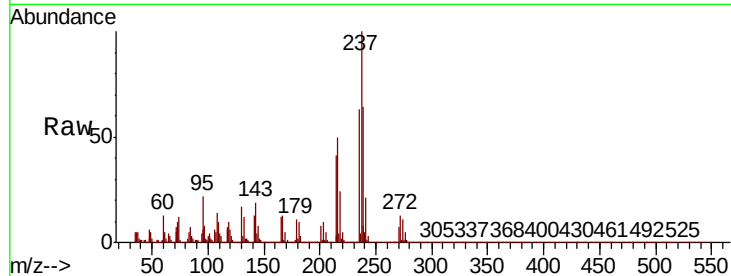




#41
Hexachlorocyclopentadiene
Concen: 34.758 ng
RT: 12.36 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BP002803.D
Acq: 20 Jul 2020 16:37

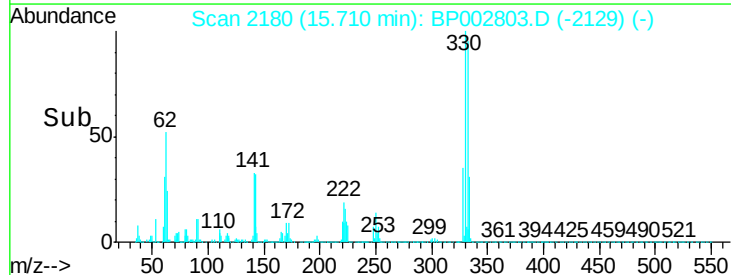
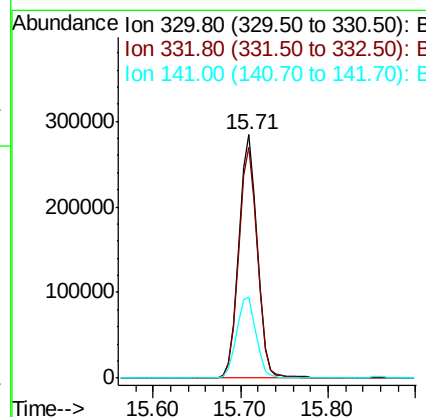
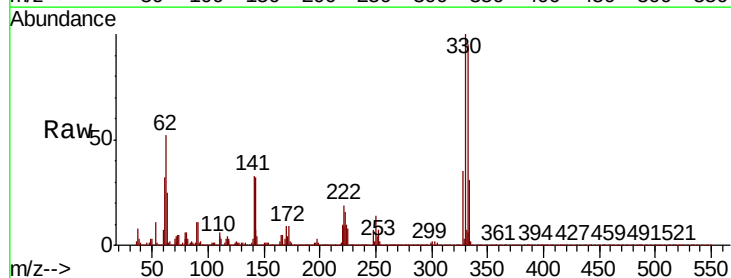
Instrument :
BNA_P
ClientSampleId :
AU-05-071720MS

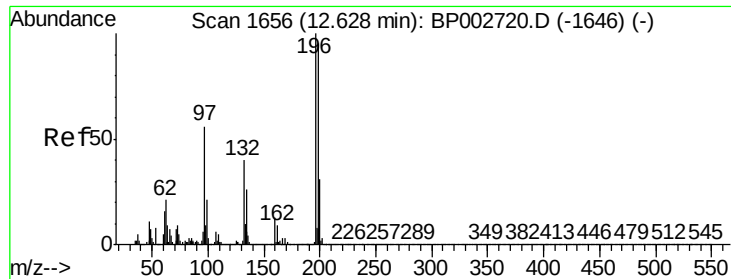
Tot Ion:237 Resp: 118401
Ion Ratio Lower Upper
237 100
235 62.6 42.3 82.3
272 13.3 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 134.418 ng
RT: 15.71 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BP002803.D
Acq: 20 Jul 2020 16:37

Tgt Ion:330 Resp: 405129
Ion Ratio Lower Upper
330 100
332 96.4 76.5 114.7
141 35.4 28.8 43.2

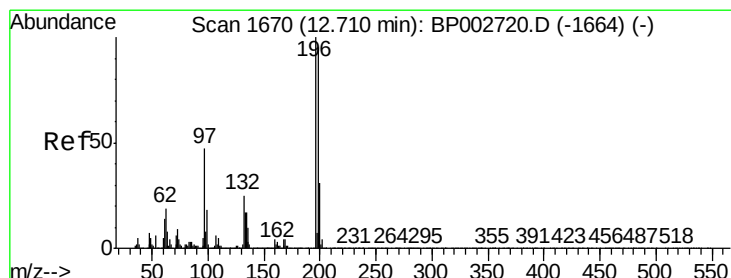
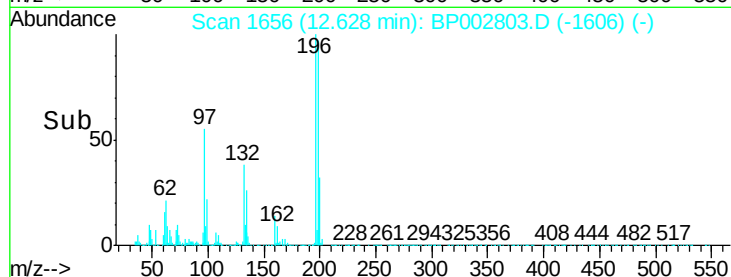
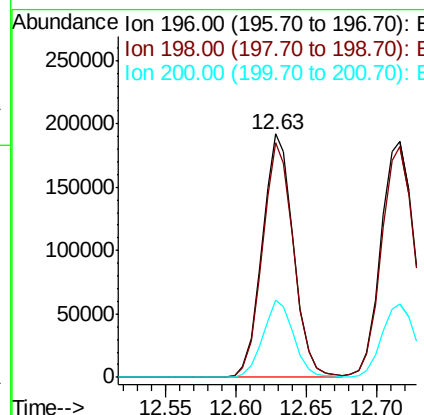
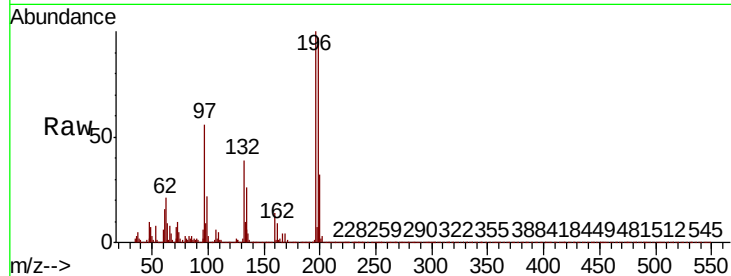




#43
 2,4,6-Trichlorophenol
 Concen: 52.504 ng
 RT: 12.63 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BP002803.D
 Acq: 20 Jul 2020 16:37

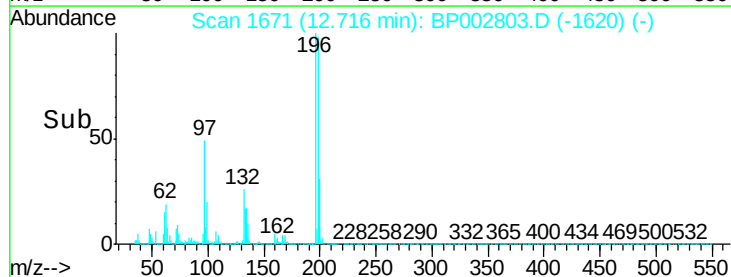
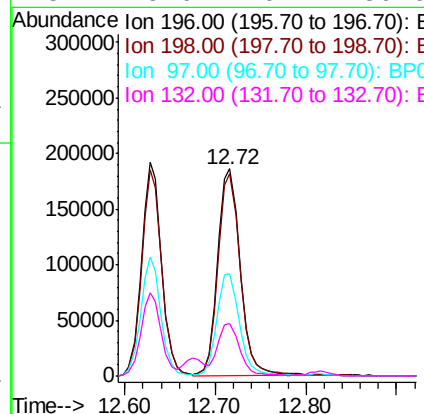
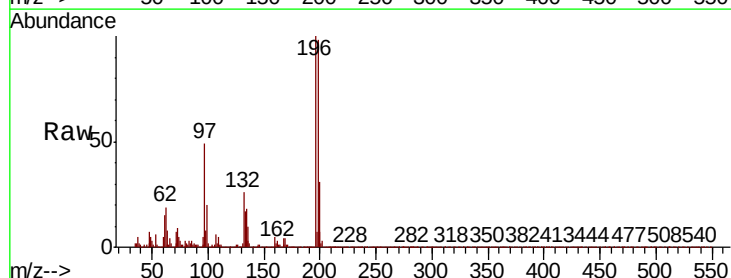
Instrument :
 BNA_P
 ClientSampleId :
 AU-05-071720MS

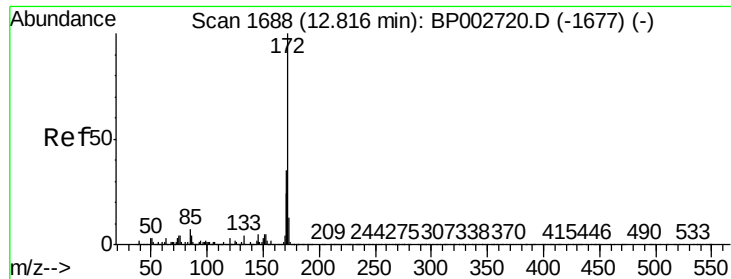
Tot Ion	196	Resp	298214
Ion Ratio	100	Lower	Upper
196	100		
198	96.5	75.8	113.6
200	31.6	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 48.576 ng
 RT: 12.72 min Scan# 1671
 Delta R.T. 0.00 min
 Lab File: BP002803.D
 Acq: 20 Jul 2020 16:37

Tgt Ion	196	Resp	320009
Ion Ratio	100	Lower	Upper
196	100		
198	97.7	75.8	113.6
97	49.5	38.0	57.0
132	25.6	20.4	30.6

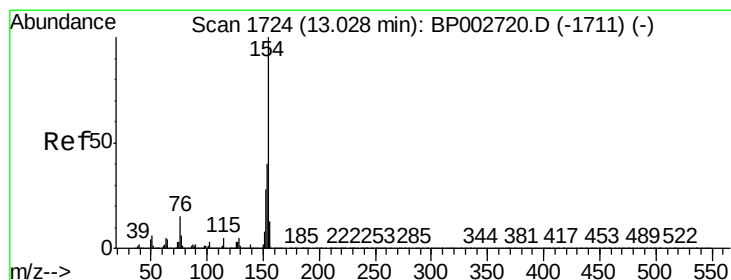
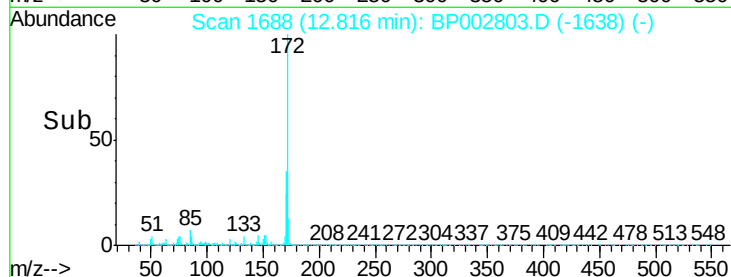
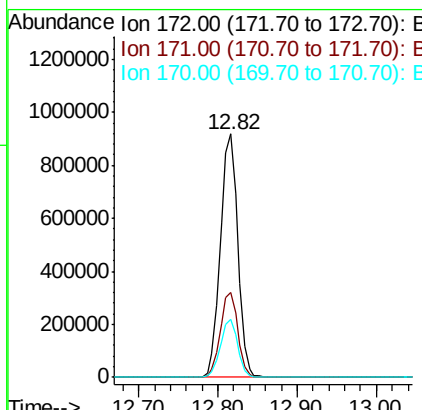
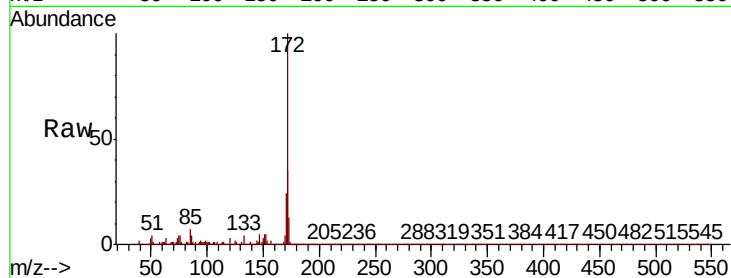




#45
2-Fluorobiphenyl
Concen: 74.909 ng
RT: 12.82 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BP002803.D
Acq: 20 Jul 2020 16:37

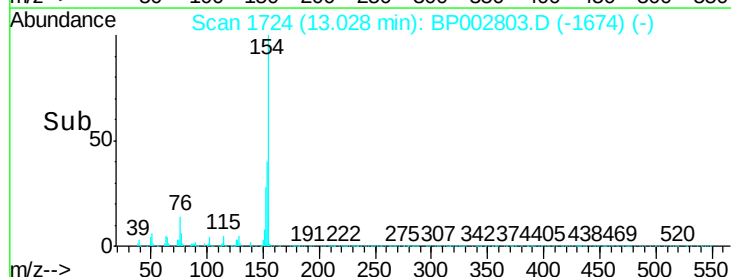
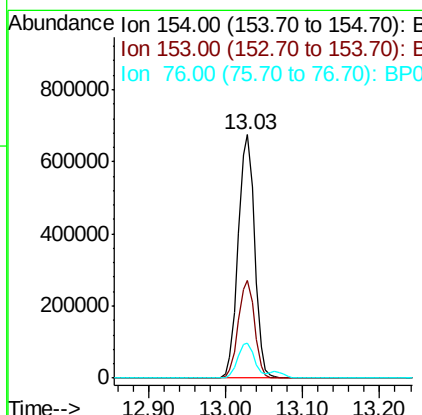
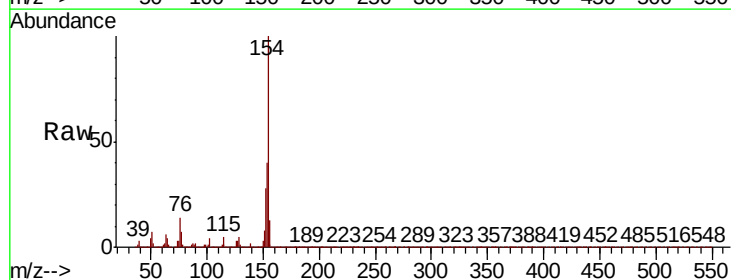
Instrument :
BNA_P
ClientSampleId :
AU-05-071720MS

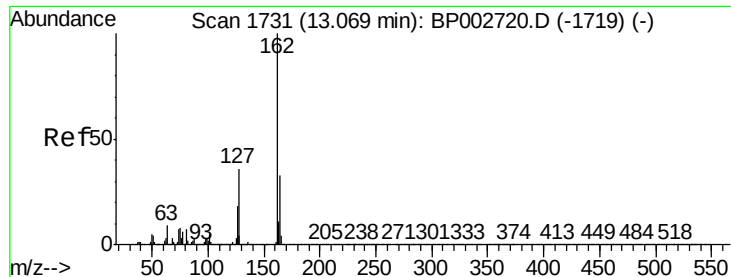
Tot Ion:172 Resp: 1398140
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.7 19.3 28.9



#46
1,1'-Biphenyl
Concen: 47.167 ng
RT: 13.03 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BP002803.D
Acq: 20 Jul 2020 16:37

Tgt Ion:154 Resp: 1015302
Ion Ratio Lower Upper
154 100
153 40.2 19.8 59.8
76 14.4 0.0 34.7

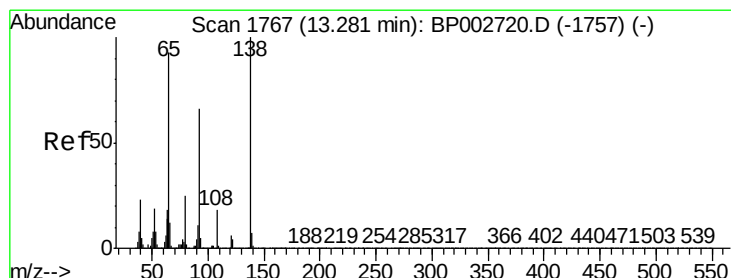
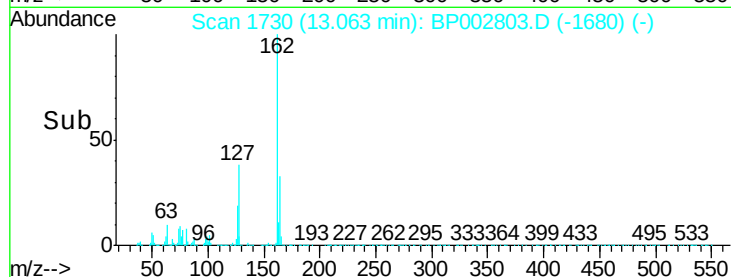
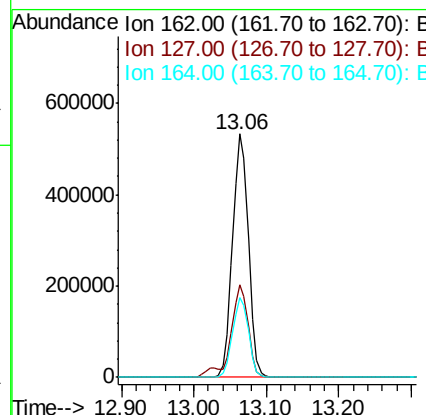
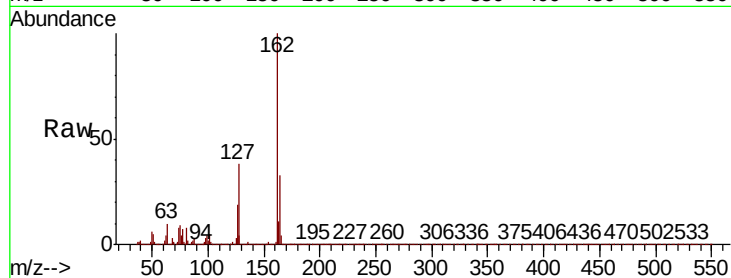




#47
2-Chloronaphthalene
Concen: 46.391 ng
RT: 13.06 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BP002803.D
Acq: 20 Jul 2020 16:37

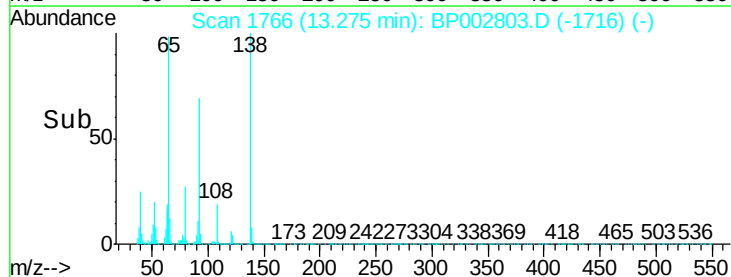
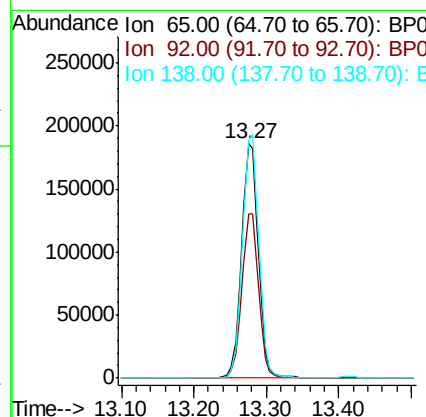
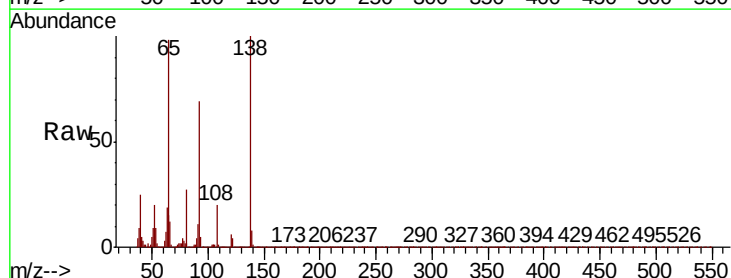
Instrument :
BNA_P
ClientSampleId :
AU-05-071720MS

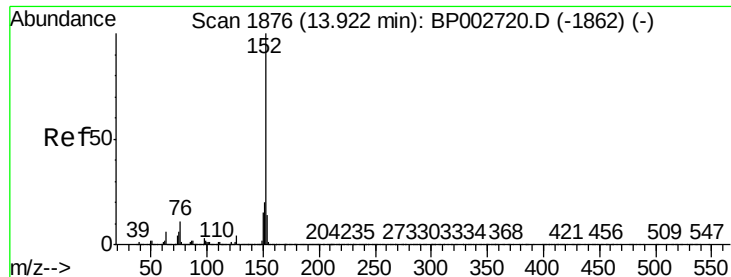
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	29.0	43.4
164	32.6	26.8	40.2



#48
2-Nitroaniline
Concen: 55.468 ng
RT: 13.27 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BP002803.D
Acq: 20 Jul 2020 16:37

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.0	57.0	85.6
138	101.7	86.0	129.0





#49

Acenaphthylene

Concen: 48.061 ng

RT: 13.92 min Scan# 1876

Delta R.T. 0.00 min

Lab File: BP002803.D

Acq: 20 Jul 2020 16:37

Instrument :

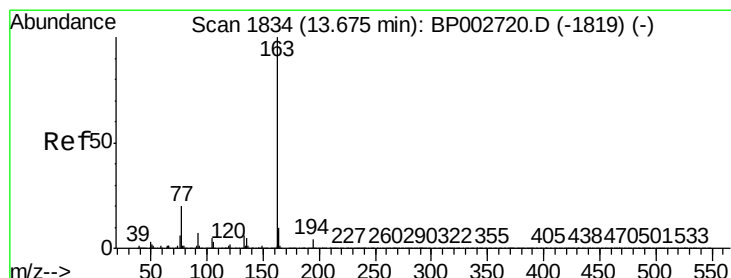
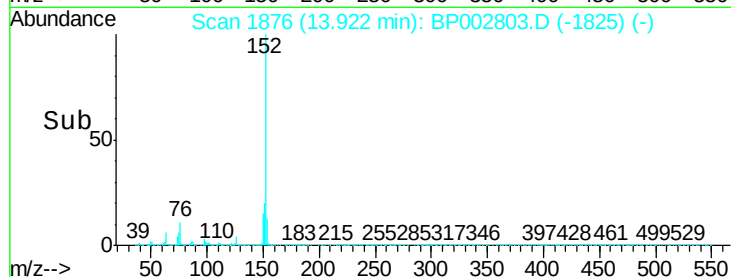
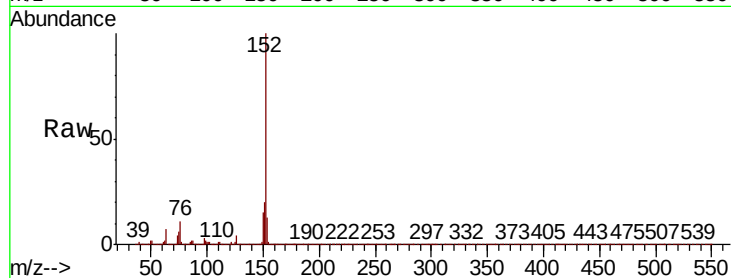
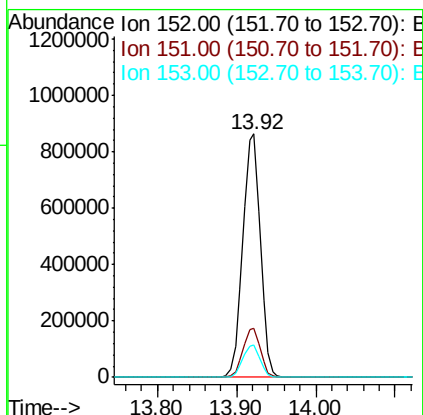
BNA_P

ClientSampleId :

AU-05-071720MS

Tot Ion:152 Resp: 1324661

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	13.3	10.9	16.3



#50

Dimethylphthalate

Concen: 52.258 ng

RT: 13.67 min Scan# 1834

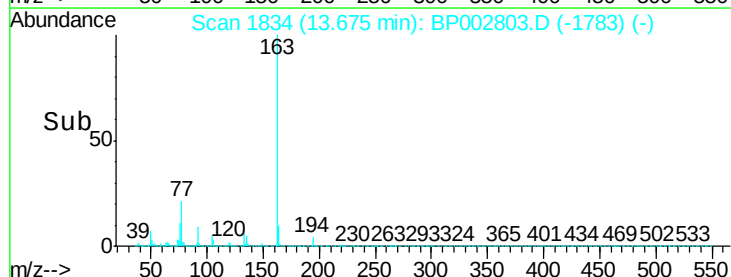
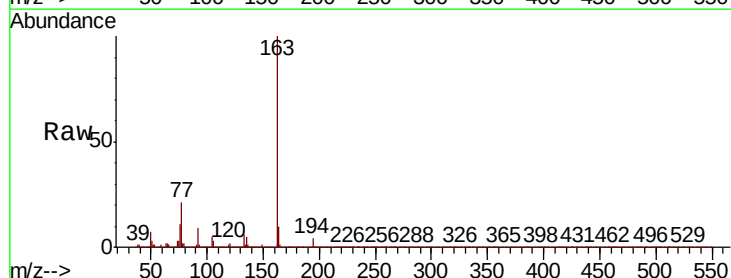
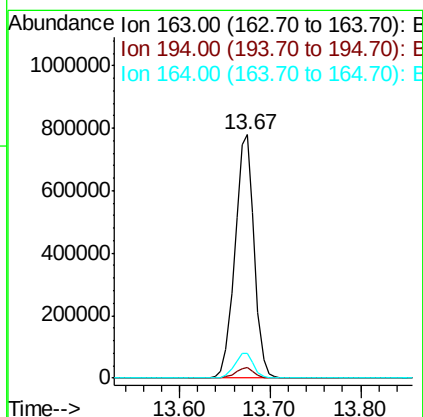
Delta R.T. 0.00 min

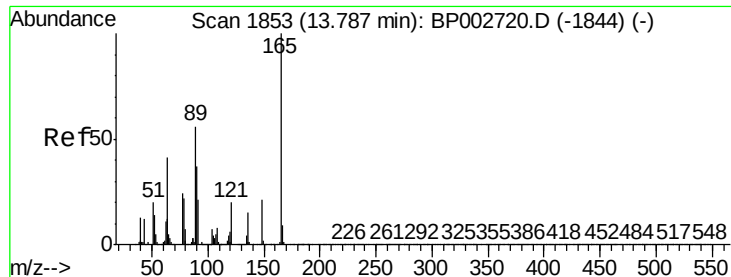
Lab File: BP002803.D

Acq: 20 Jul 2020 16:37

Tgt Ion:163 Resp: 1150727

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.1	7.8	11.8

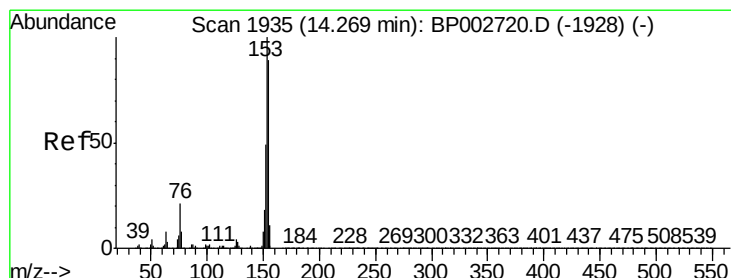
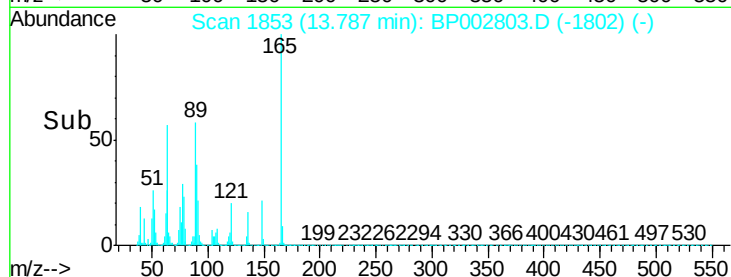
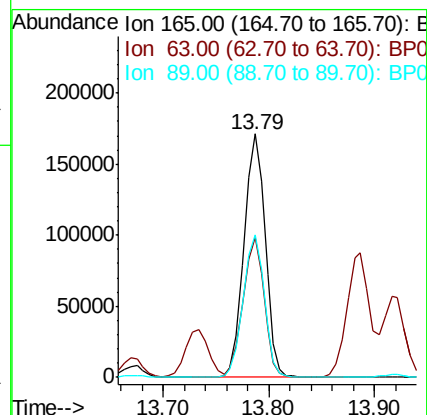
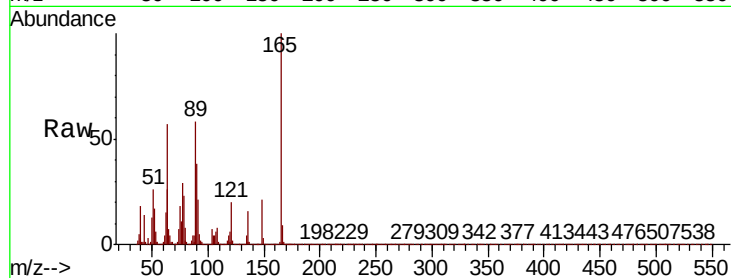




#51
2,6-Dinitrotoluene
Concen: 50.276 ng
RT: 13.79 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BP002803.D
Acq: 20 Jul 2020 16:37

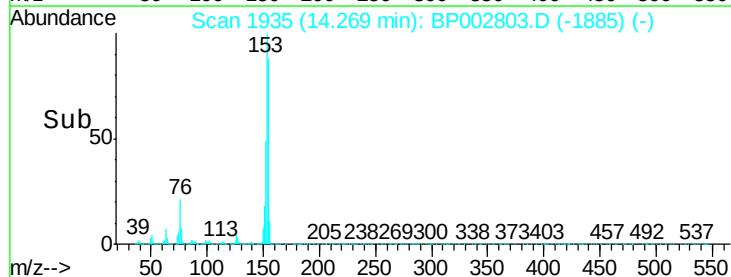
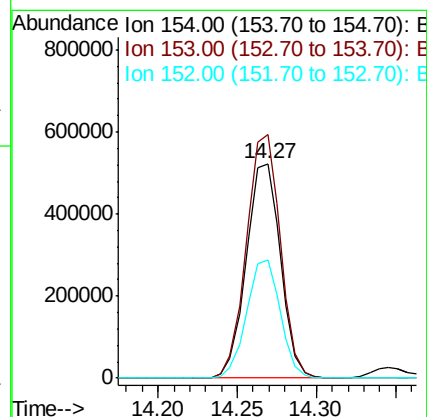
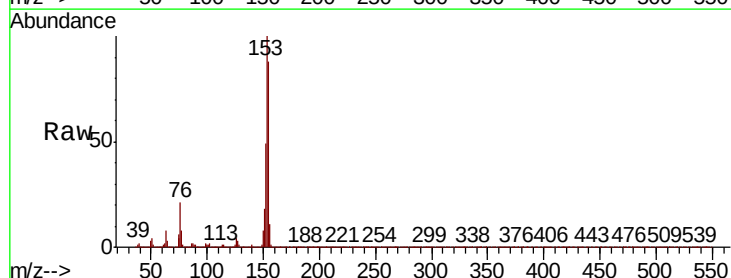
Instrument :
BNA_P
ClientSampleId :
AU-05-071720MS

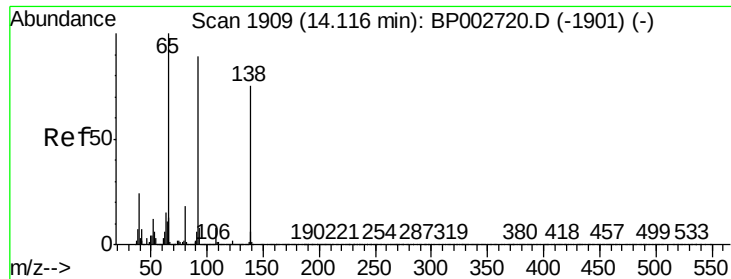
Tot Ion	Ratio	Lower	Upper
165	100		
63	57.4	43.2	64.8
89	58.3	44.6	67.0



#52
Acenaphthene
Concen: 47.600 ng
RT: 14.27 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BP002803.D
Acq: 20 Jul 2020 16:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.4	90.1	135.1
152	55.2	43.8	65.6





#53

3-Nitroaniline

Concen: 25.489 ng

RT: 14.12 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BP002803.D

Acq: 20 Jul 2020 16:37

Instrument :

BNA_P

ClientSampleId :

AU-05-071720MS

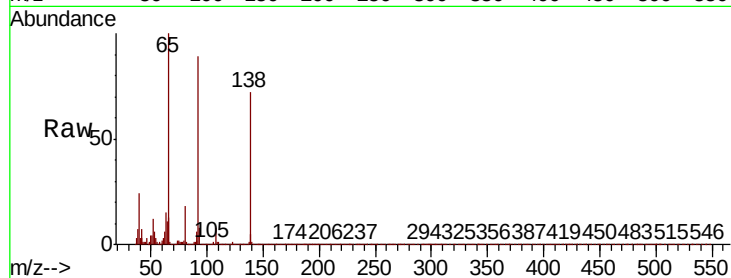
Tot Ion:138 Resp: 134440

Ion Ratio Lower Upper

138 100

108 10.7 8.2 12.2

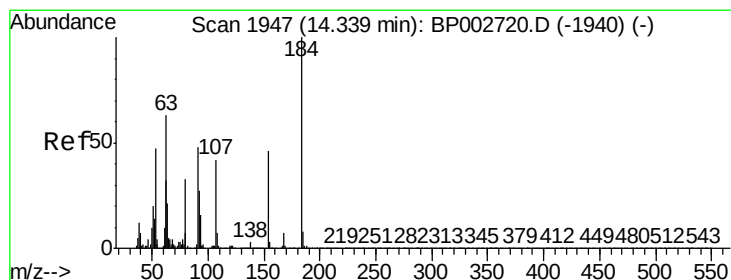
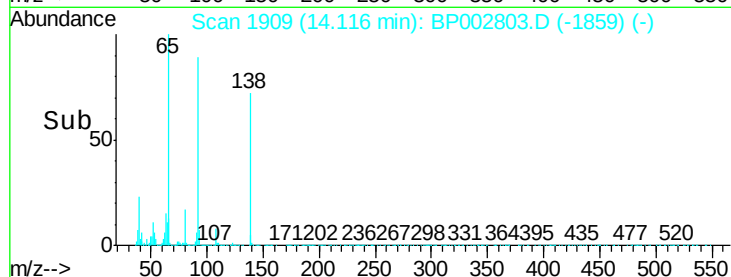
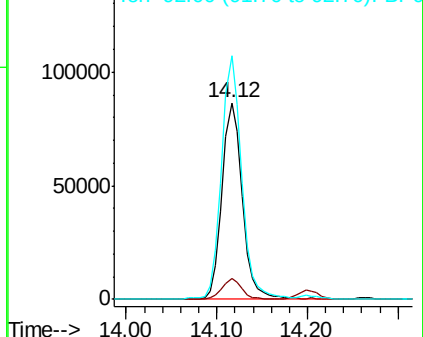
92 123.9 94.3 141.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BP0



#54

2,4-Dinitrophenol

Concen: 41.490 ng

RT: 14.35 min Scan# 1948

Delta R.T. 0.01 min

Lab File: BP002803.D

Acq: 20 Jul 2020 16:37

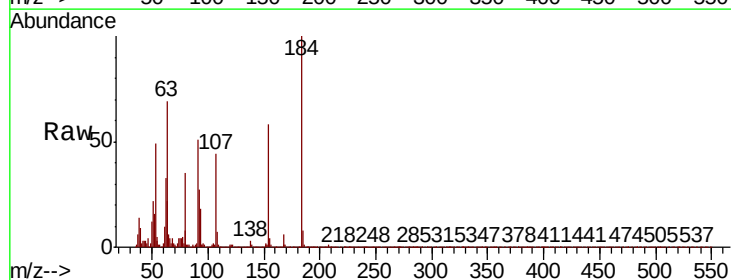
Tgt Ion:184 Resp: 92324

Ion Ratio Lower Upper

184 100

63 69.2 51.6 77.4

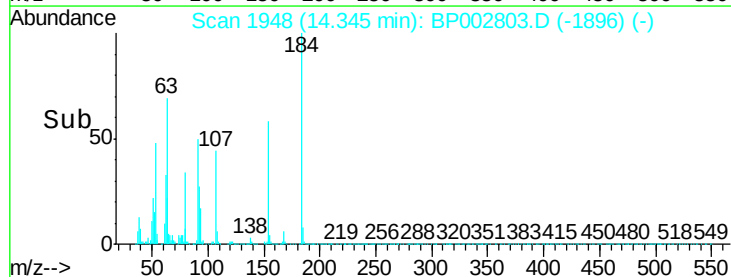
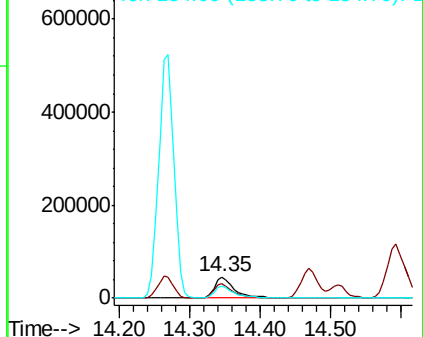
154 58.1 45.0 67.6

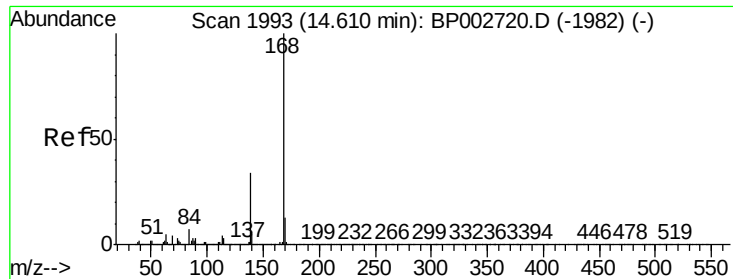


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 46.433 ng

RT: 14.60 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BP002803.D

Acq: 20 Jul 2020 16:37

Instrument :

BNA_P

ClientSampleId :

AU-05-071720MS

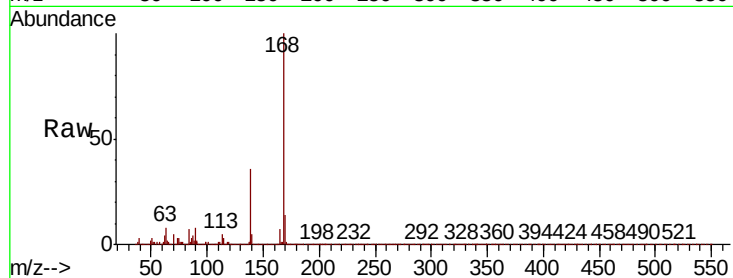
Tot Ion:168 Resp: 1226676

Ion	Ratio	Lower	Upper
168	100		
139	35.8	27.1	40.7
169	13.7	10.8	16.2

168 100

139 35.8 27.1 40.7

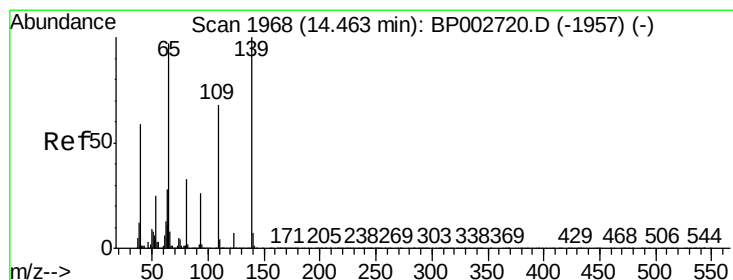
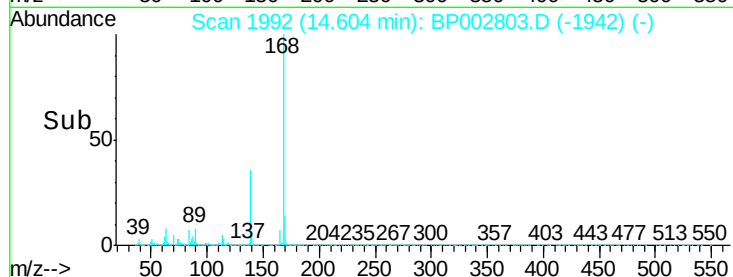
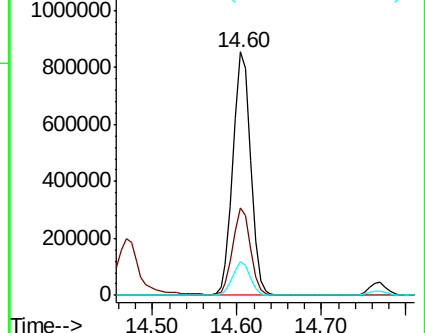
169 13.7 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 86.357 ng

RT: 14.47 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BP002803.D

Acq: 20 Jul 2020 16:37

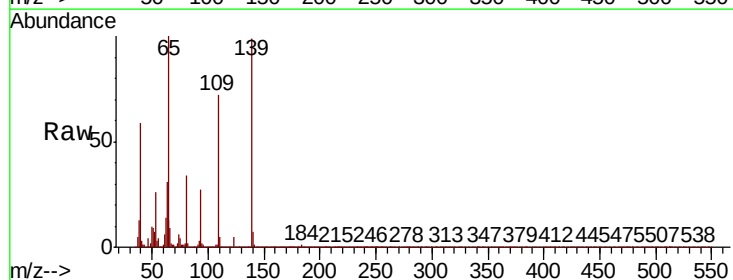
Tgt Ion:139 Resp: 366775

Ion	Ratio	Lower	Upper
139	100		
109	73.3	48.1	88.1
65	101.4	77.9	117.9

139 100

109 73.3 48.1 88.1

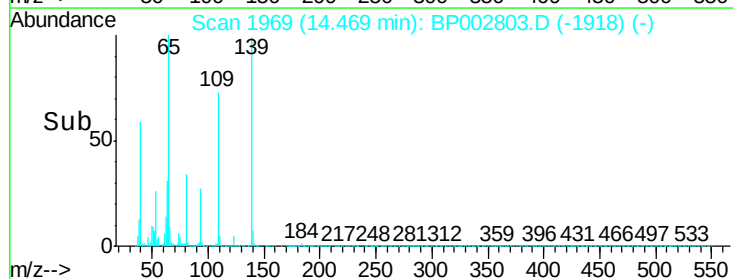
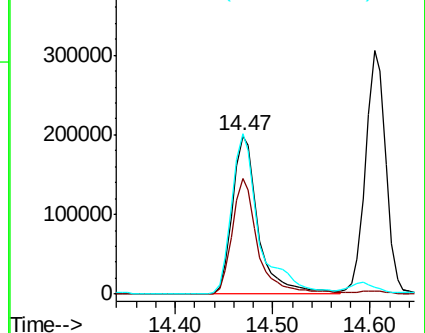
65 101.4 77.9 117.9

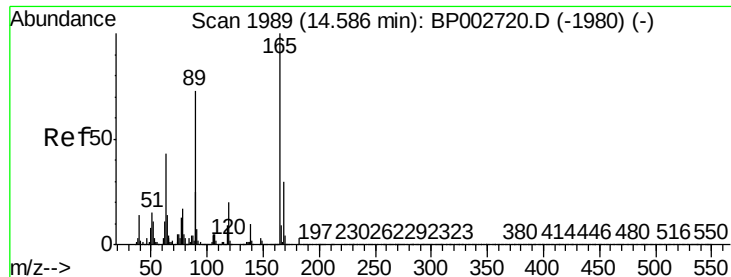


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0





#57

2,4-Dinitrotoluene

Concen: 51.434 ng

RT: 14.59 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BP002803.D

Acq: 20 Jul 2020 16:37

Instrument :

BNA_P

ClientSampleId :

AU-05-071720MS

Tot Ion:165 Resp: 319333

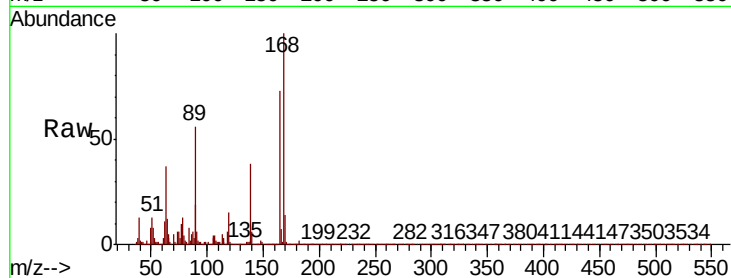
Ion Ratio Lower Upper

165 100

63 51.0 35.1 52.7

89 77.0 58.4 87.6

182 2.8 2.2 3.2

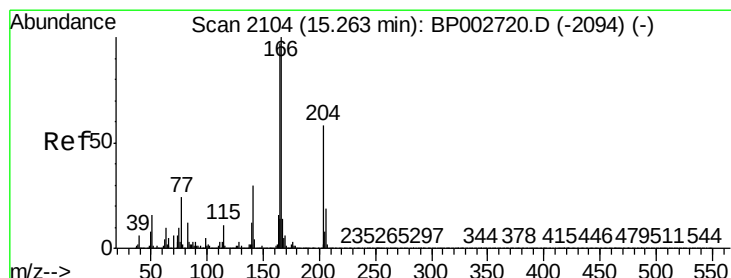
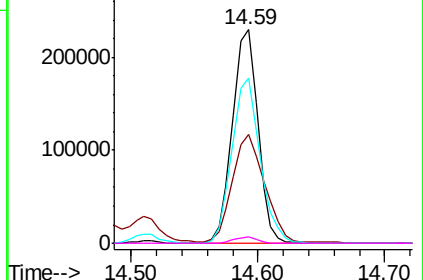
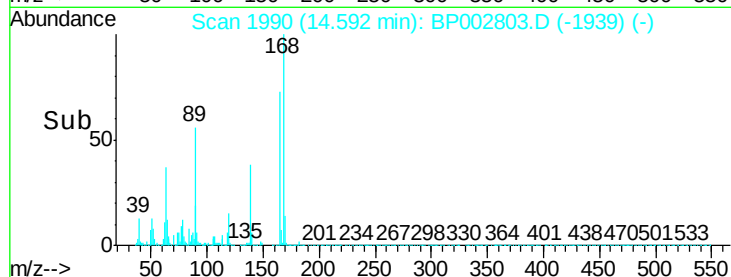


Abundance Ion 165.00 (164.70 to 165.70): E

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: 48.014 ng

RT: 15.26 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BP002803.D

Acq: 20 Jul 2020 16:37

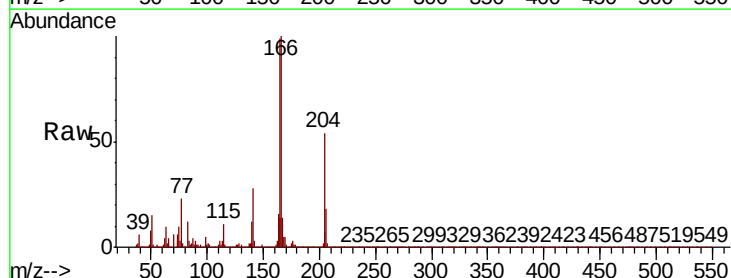
Tgt Ion:166 Resp: 938582

Ion Ratio Lower Upper

166 100

165 99.0 77.7 116.5

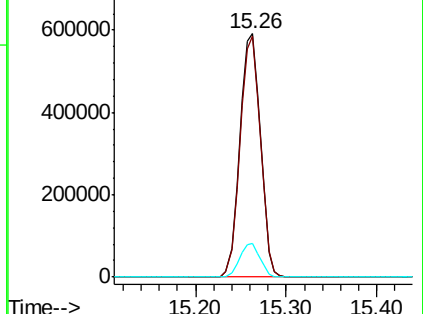
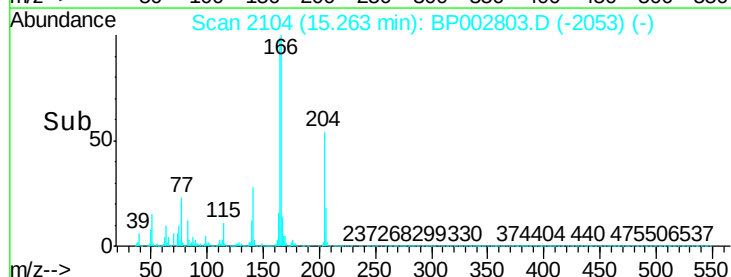
167 13.9 11.0 16.6

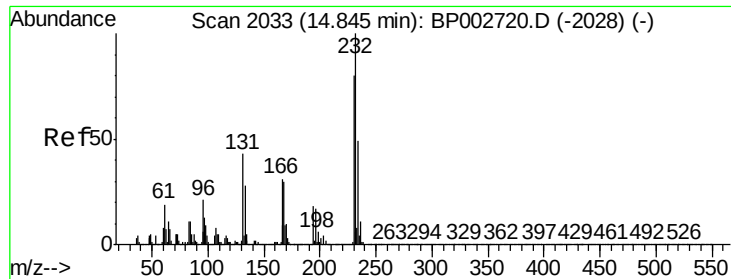


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

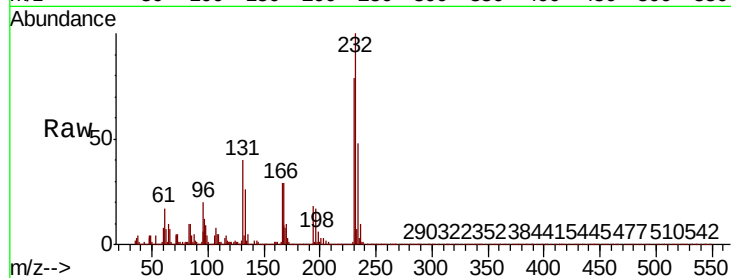




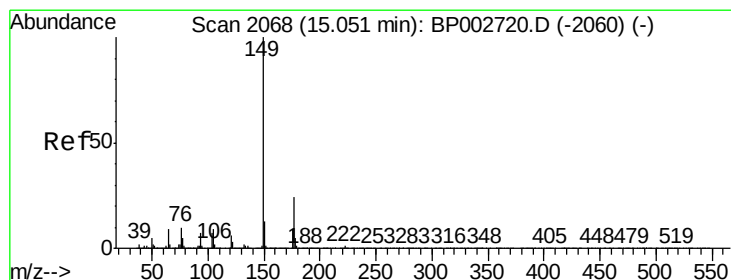
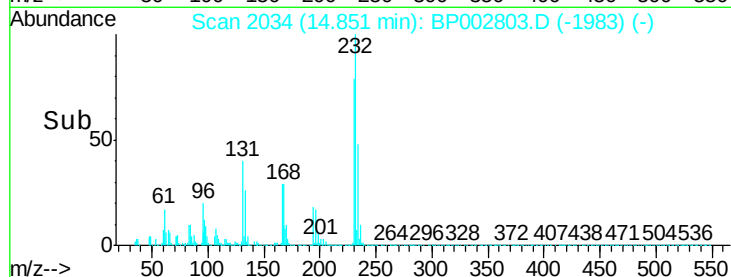
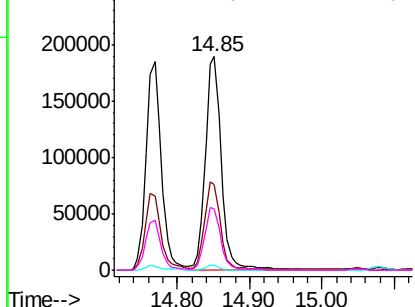
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 55.772 ng
 RT: 14.85 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BP002803.D
 Acq: 20 Jul 2020 16:37

Instrument :
 BNA_P
 ClientSampleId :
 AU-05-071720MS

Tot Ion:	232	Resp:	289619
Ion	Ratio	Lower	Upper
232	100		
131	41.2	34.3	51.5
130	2.1	1.8	2.6
166	29.0	24.0	36.0

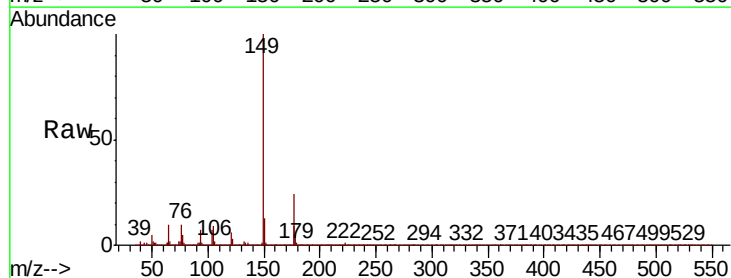


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

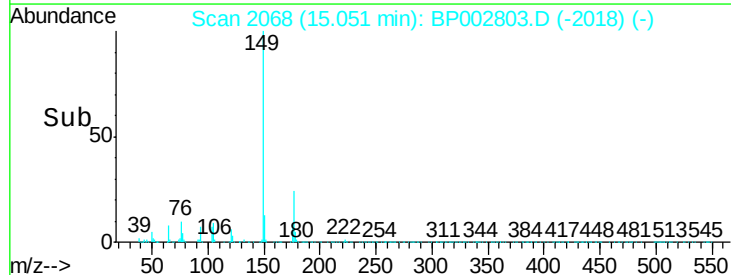
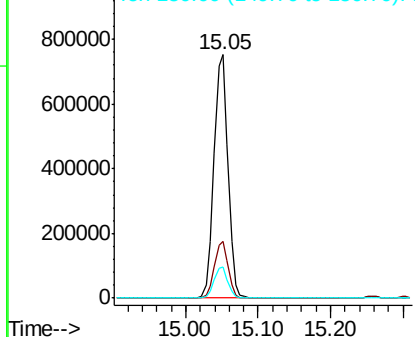


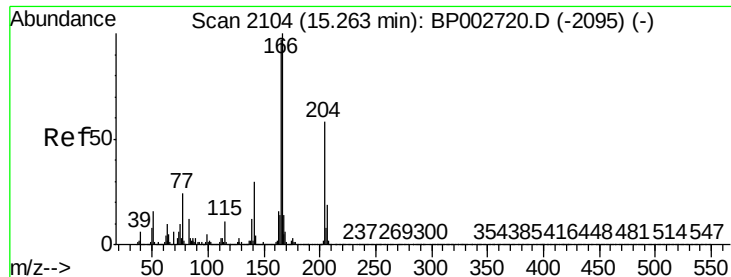
#60
 Diethylphthalate
 Concen: 47.361 ng
 RT: 15.05 min Scan# 2068
 Delta R.T. -0.01 min
 Lab File: BP002803.D
 Acq: 20 Jul 2020 16:37

Tgt Ion:	149	Resp:	1011147
Ion	Ratio	Lower	Upper
149	100		
177	23.6	18.9	28.3
150	12.5	10.1	15.1



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

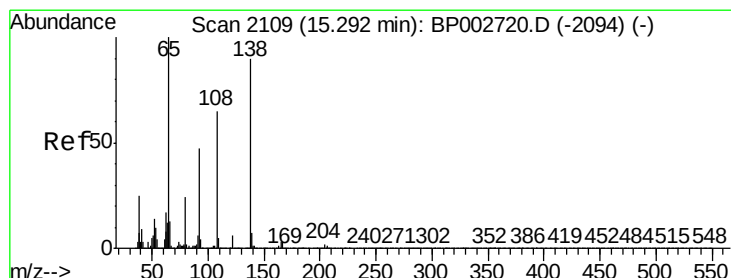
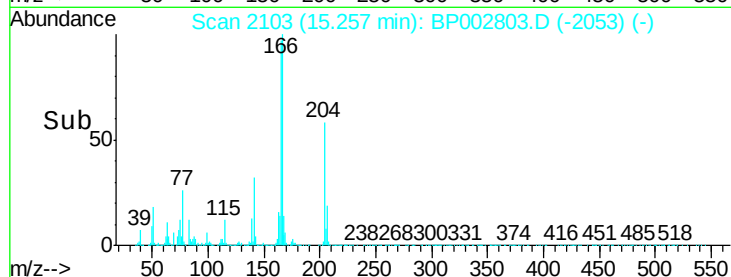
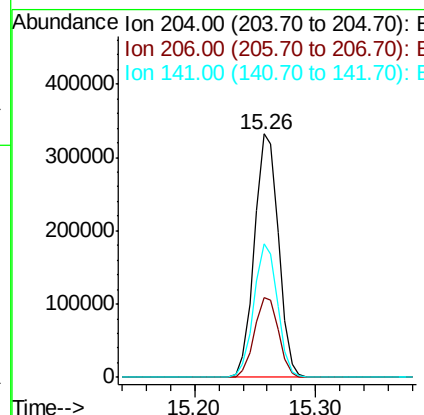
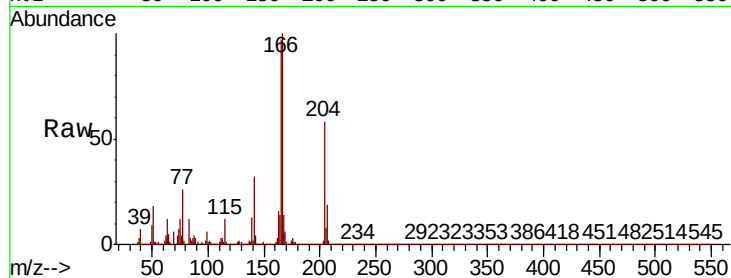




#61
4-Chlorophenyl-phenylether
Concen: 44.560 ng
RT: 15.26 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BP002803.D
Acq: 20 Jul 2020 16:37

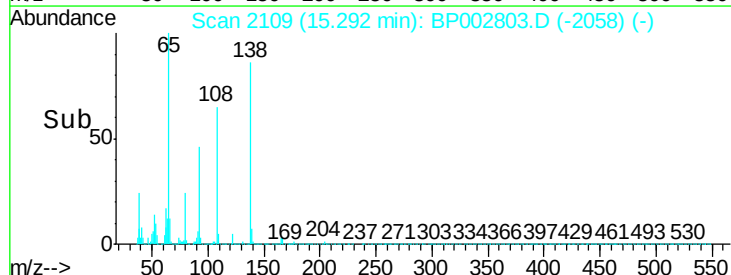
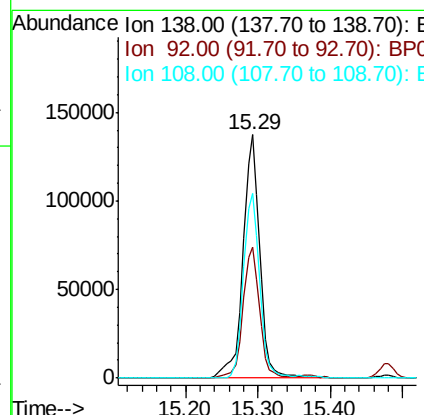
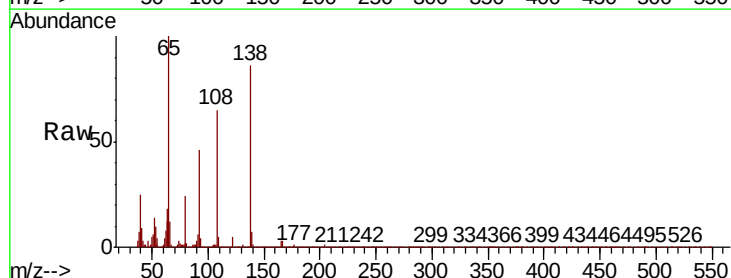
Instrument :
BNA_P
ClientSampleId :
AU-05-071720MS

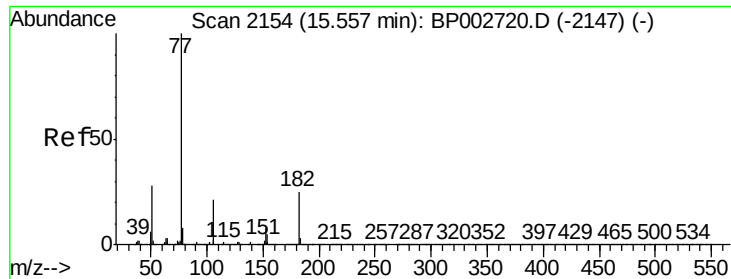
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.1	39.1
141	54.9	41.8	62.8



#62
4-Nitroaniline
Concen: 39.659 ng
RT: 15.29 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BP002803.D
Acq: 20 Jul 2020 16:37

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.5	32.0	72.0
108	75.9	52.2	92.2





#63

Azobenzene

Concen: 50.572 ng

RT: 15.56 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BP002803.D

Acq: 20 Jul 2020 16:37

Instrument :

BNA_P

ClientSampleId :

AU-05-071720MS

Tot Ion: 77 Resp: 1110155

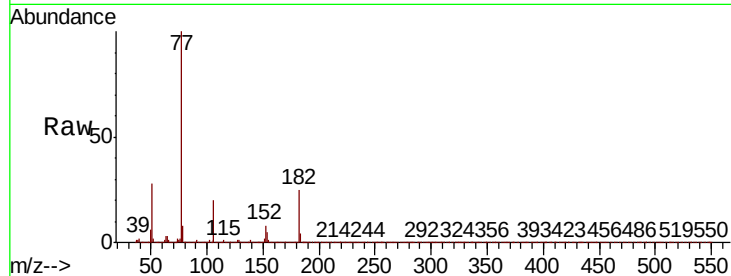
Ion Ratio Lower Upper

77 100

182 24.7 5.1 45.1

105 20.5 0.8 40.8

51 27.5 7.6 47.6

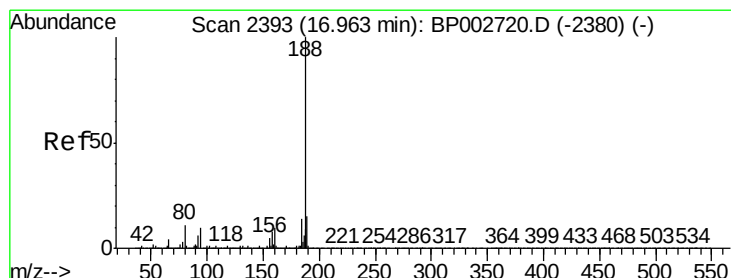
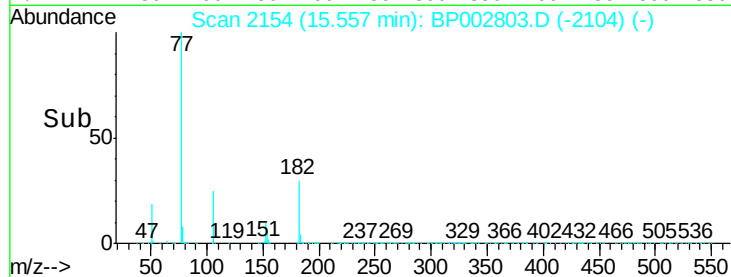
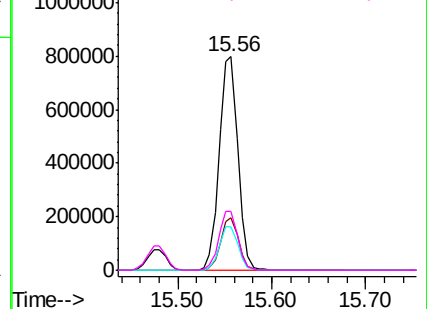


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BP0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.96 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BP002803.D

Acq: 20 Jul 2020 16:37

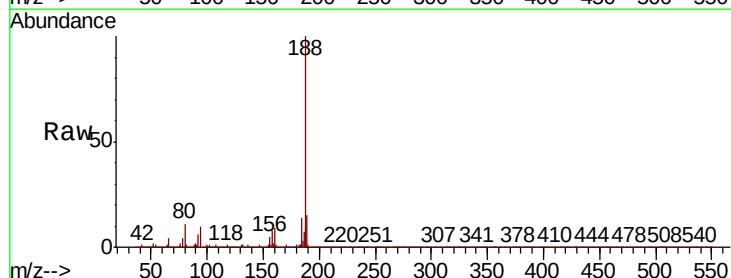
Tgt Ion: 188 Resp: 640140

Ion Ratio Lower Upper

188 100

94 10.1 8.1 12.1

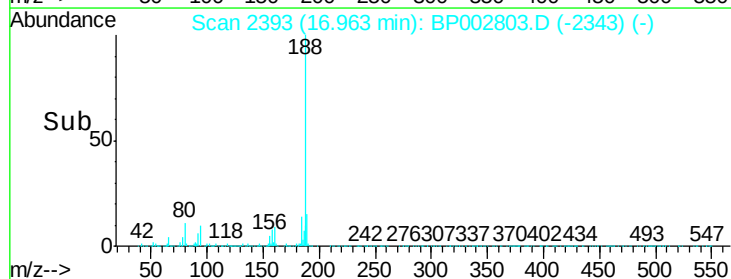
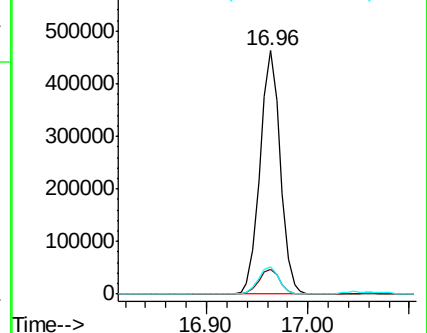
80 11.2 8.9 13.3

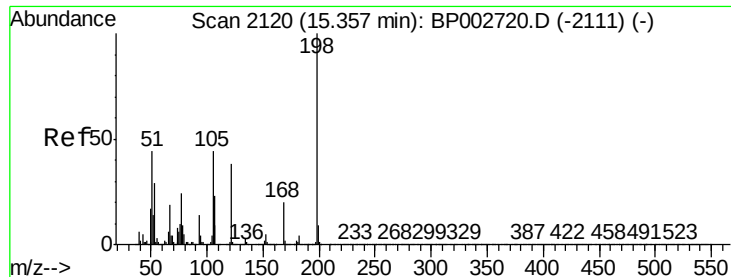


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0





#65

4,6-Dinitro-2-methylphenol

Concen: 22.767 ng

RT: 15.37 min Scan# 2122

Delta R.T. 0.01 min

Lab File: BP002803.D

Acq: 20 Jul 2020 16:37

Instrument :

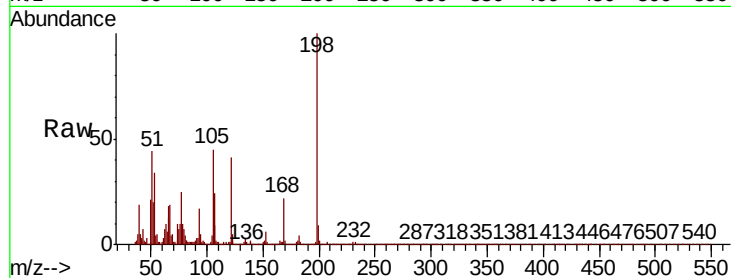
BNA_P

ClientSampleId :

AU-05-071720MS

Tot Ion:198 Resp: 75215

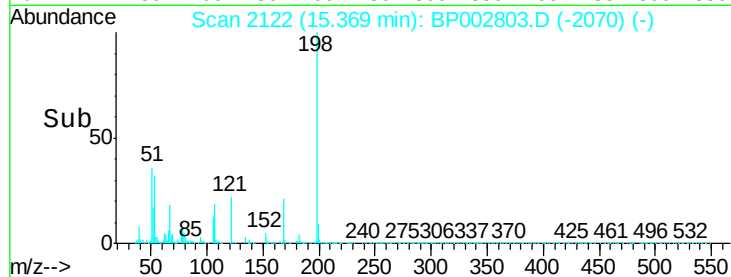
Ion	Ratio	Lower	Upper
198	100		
51	44.2	27.1	67.1
105	44.6	24.9	64.9



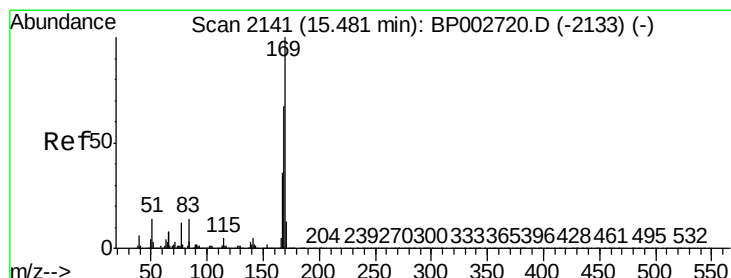
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 47.188 ng

RT: 15.48 min Scan# 2141

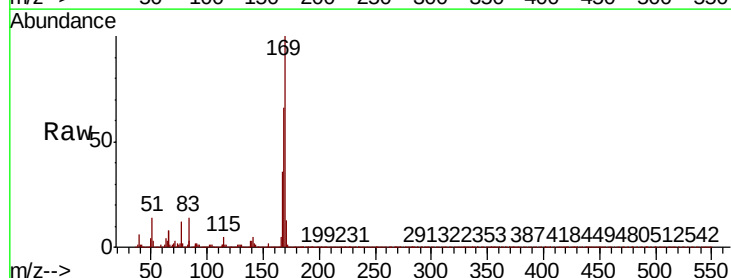
Delta R.T. -0.01 min

Lab File: BP002803.D

Acq: 20 Jul 2020 16:37

Tgt Ion:169 Resp: 892323

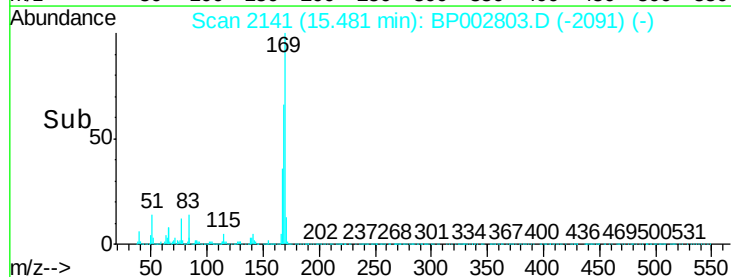
Ion	Ratio	Lower	Upper
169	100		
168	65.9	53.4	80.0
167	36.5	29.2	43.8



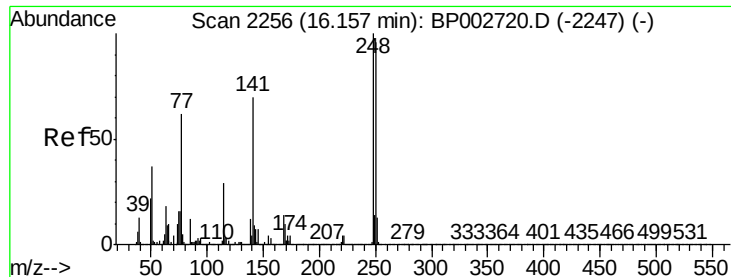
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



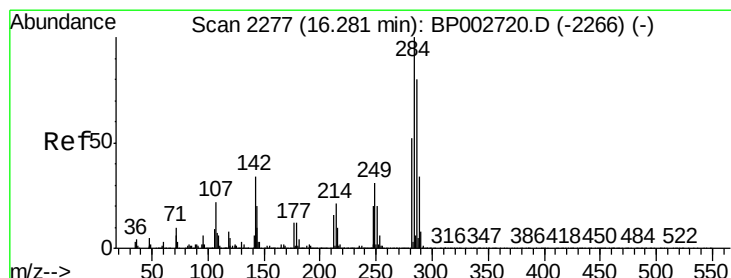
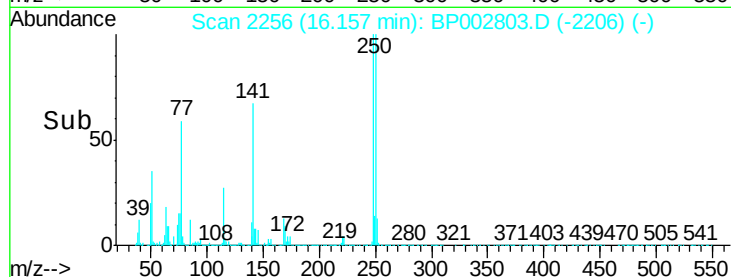
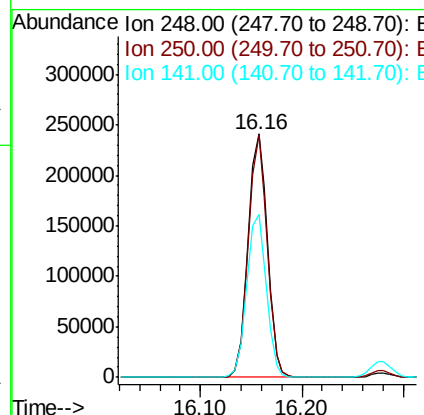
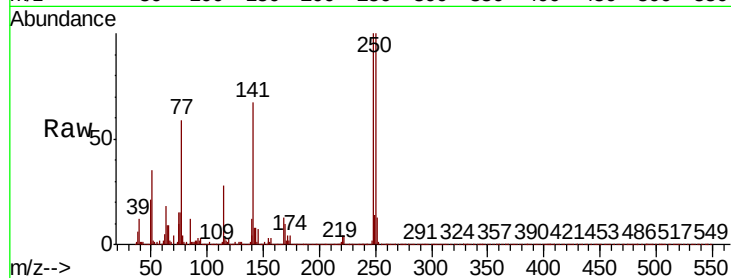
Time-->



#67
4-Bromophenyl-phenylether
Concen: 45.878 ng
RT: 16.16 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BP002803.D
Acq: 20 Jul 2020 16:37

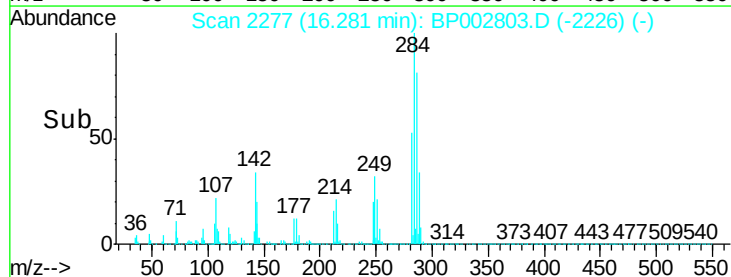
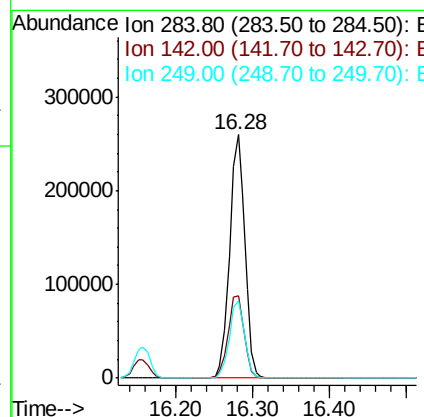
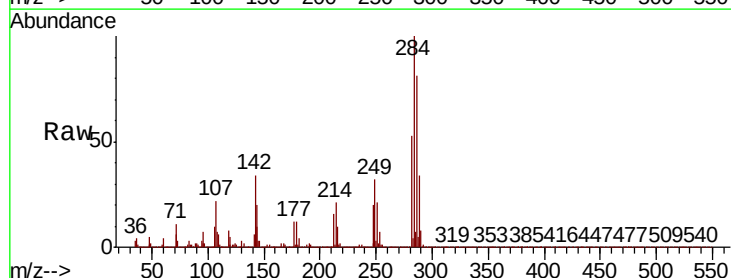
Instrument :
BNA_P
ClientSampleId :
AU-05-071720MS

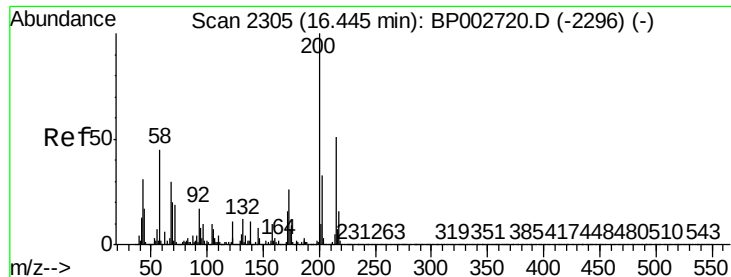
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.7	76.7	115.1
141	66.7	55.9	83.9



#68
Hexachlorobenzene
Concen: 48.639 ng
RT: 16.28 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BP002803.D
Acq: 20 Jul 2020 16:37

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.8	26.9	40.3
249	31.7	24.6	37.0





#69

Atrazine

Concen: 55.724 ng

RT: 16.45 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BP002803.D

Acq: 20 Jul 2020 16:37

Instrument :

BNA_P

ClientSampleId :

AU-05-071720MS

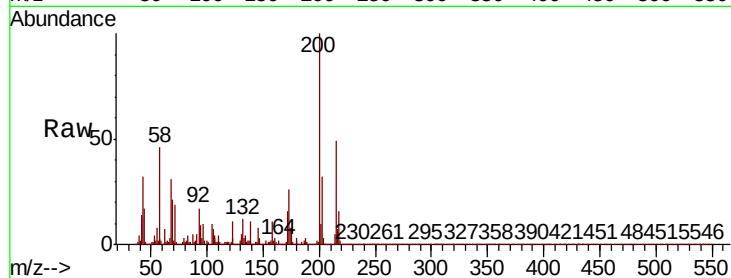
Tot Ion:200 Resp: 287674

Ion Ratio Lower Upper

200 100

173 26.5 6.3 46.3

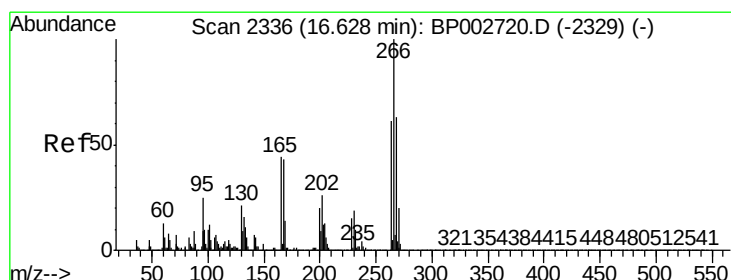
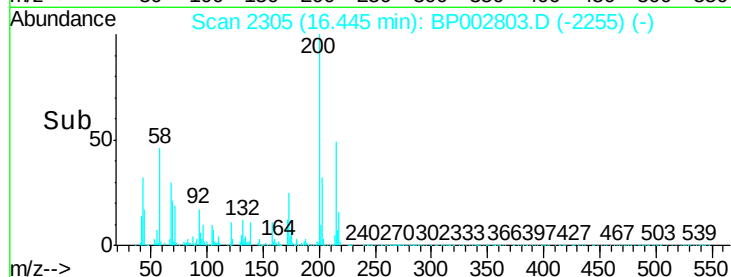
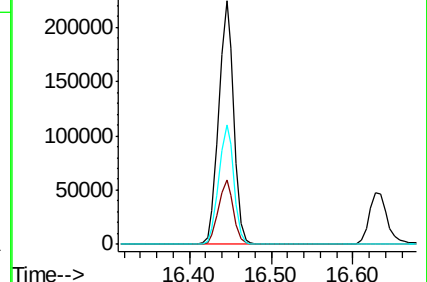
215 49.2 30.6 70.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 110.608 ng

RT: 16.63 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BP002803.D

Acq: 20 Jul 2020 16:37

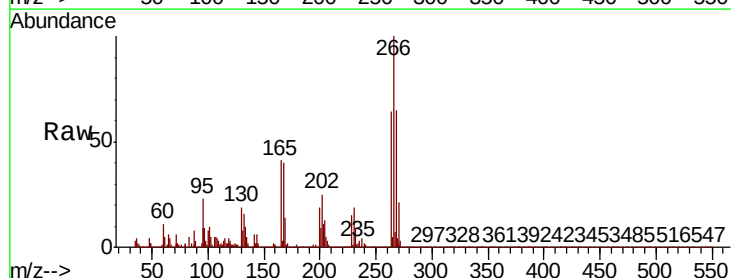
Tgt Ion:266 Resp: 404182

Ion Ratio Lower Upper

266 100

268 64.5 50.6 75.8

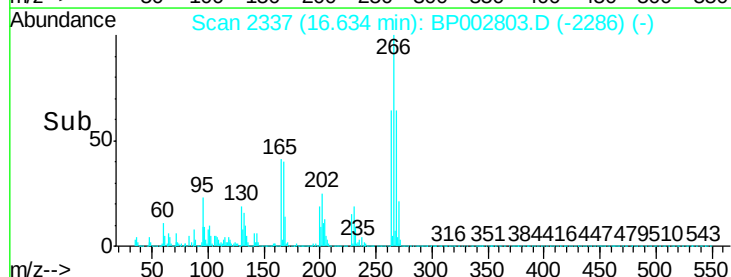
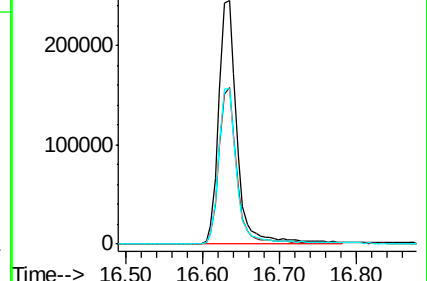
264 63.9 48.6 72.8

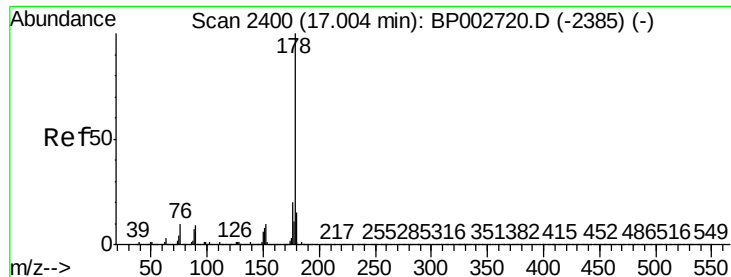


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 46.348 ng

RT: 17.00 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BP002803.D

Acq: 20 Jul 2020 16:37

Instrument :

BNA_P

ClientSampleId :

AU-05-071720MS

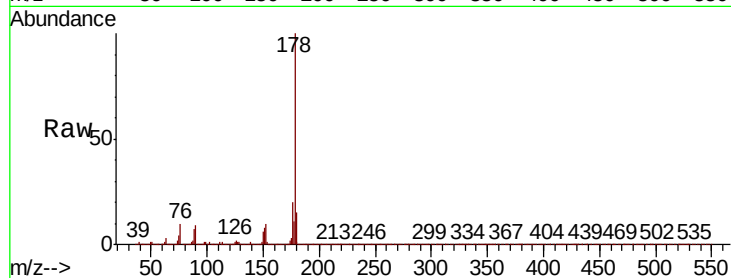
Tot Ion:178 Resp: 1606396

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	15.4	12.3	18.5

178 100

176 19.9 15.9 23.9

179 15.4 12.3 18.5

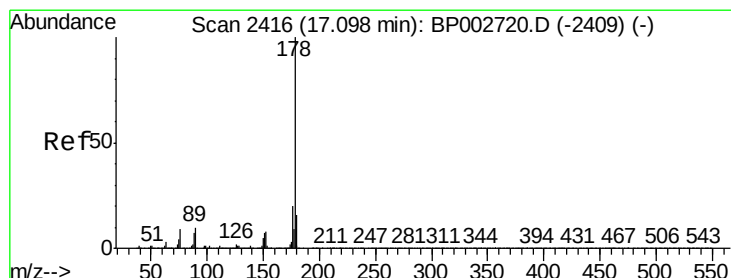
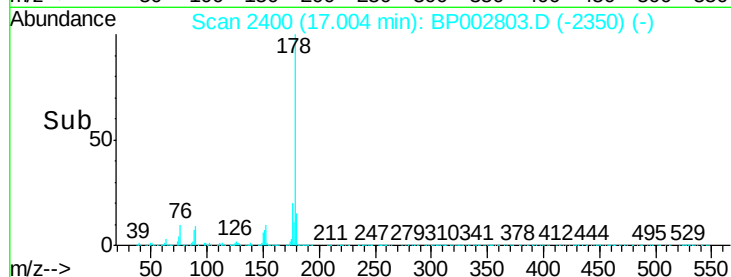
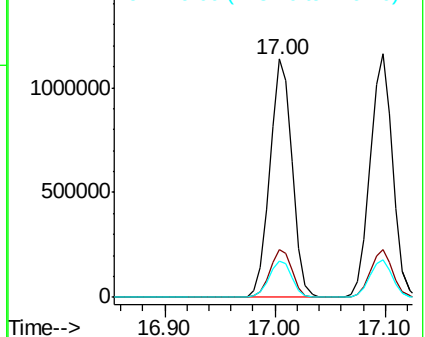


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 48.617 ng

RT: 17.10 min Scan# 2416

Delta R.T. -0.01 min

Lab File: BP002803.D

Acq: 20 Jul 2020 16:37

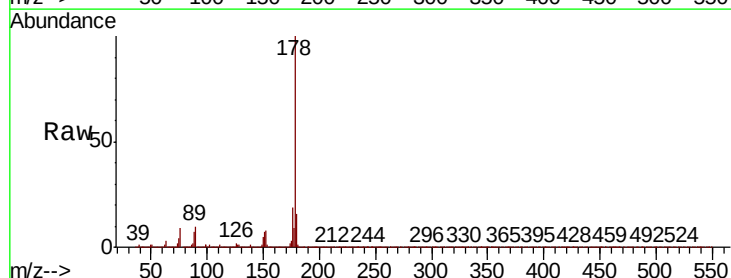
Tgt Ion:178 Resp: 1653535

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.5	12.6	19.0

178 100

176 19.4 15.6 23.4

179 15.5 12.6 19.0

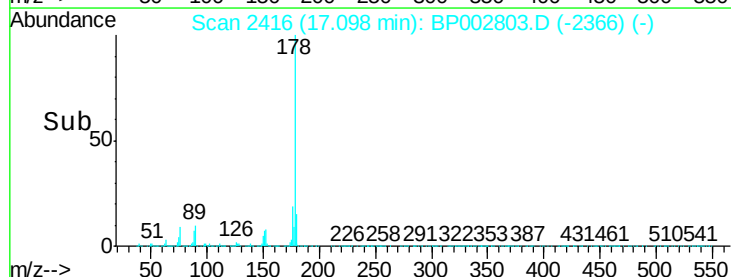
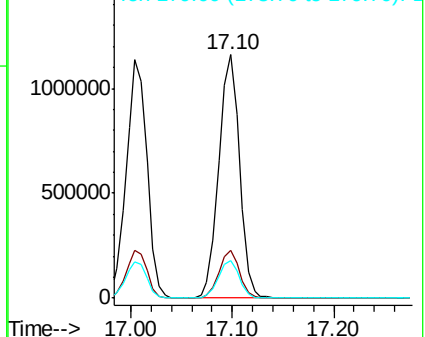


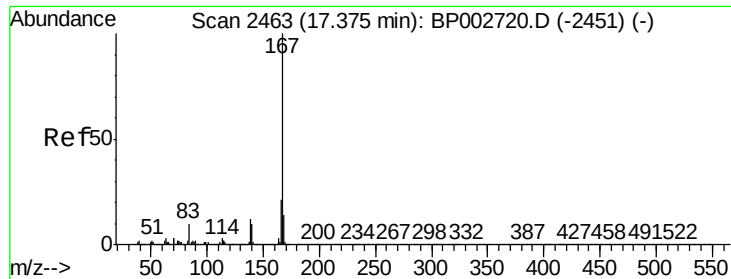
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

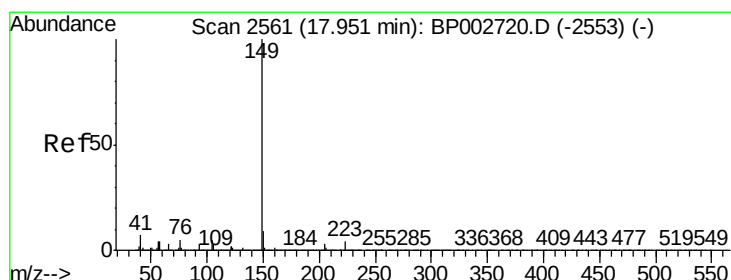
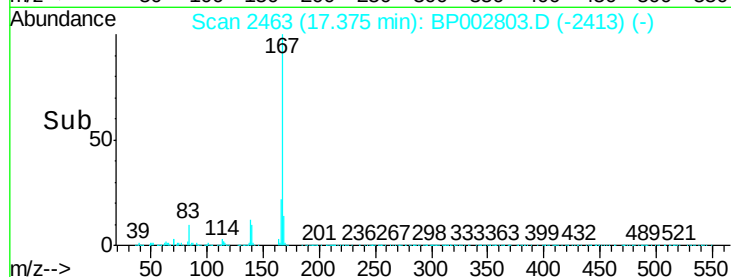
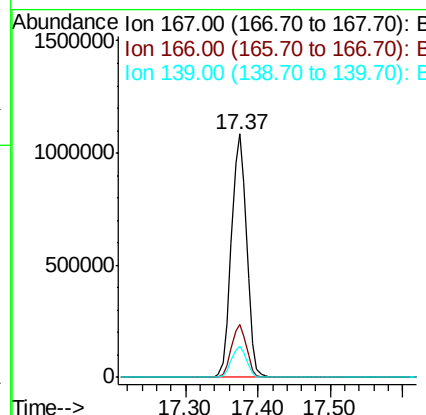
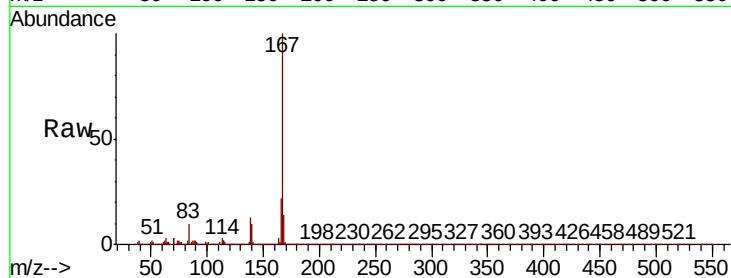




#73
 Carbazole
 Concen: 47.588 ng
 RT: 17.37 min Scan# 2463
 Delta R.T. -0.01 min
 Lab File: BP002803.D
 Acq: 20 Jul 2020 16:37

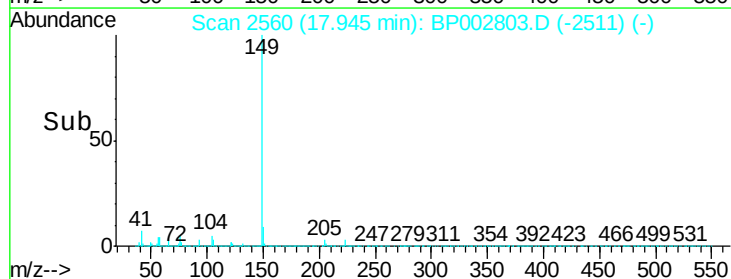
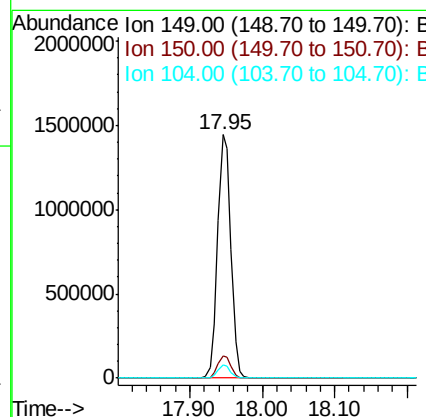
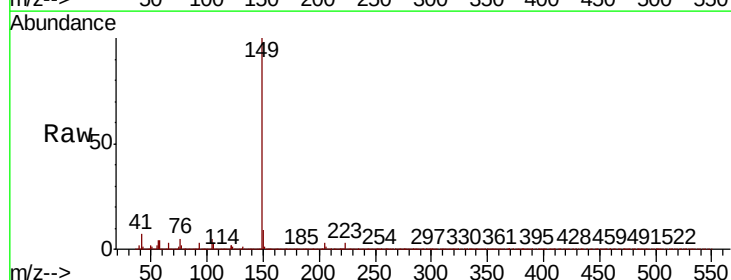
Instrument :
 BNA_P
 ClientSampleId :
 AU-05-071720MS

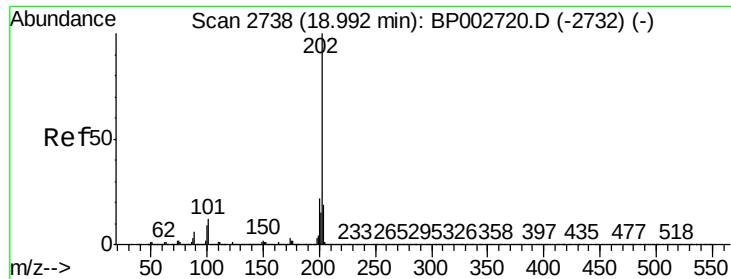
Tot Ion:167 Resp: 1588288
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.1 25.7
 139 12.8 9.6 14.4



#74
 Di-n-butylphthalate
 Concen: 50.562 ng
 RT: 17.95 min Scan# 2560
 Delta R.T. -0.01 min
 Lab File: BP002803.D
 Acq: 20 Jul 2020 16:37

Tgt Ion:149 Resp: 1830190
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.2 4.0 6.0





#75

Fluoranthene

Concen: 49.901 ng

RT: 18.99 min Scan# 2738

Delta R.T. -0.01 min

Lab File: BP002803.D

Acq: 20 Jul 2020 16:37

Instrument :

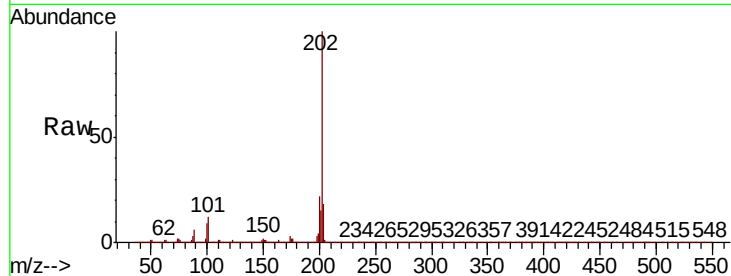
BNA_P

ClientSampleId :

AU-05-071720MS

Tot Ion:202 Resp: 2004035

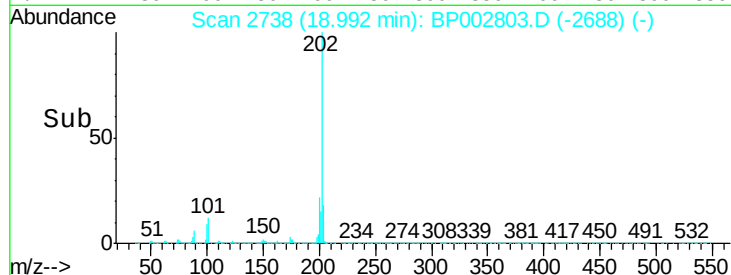
Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	32.5
203	18.0	0.0	38.6



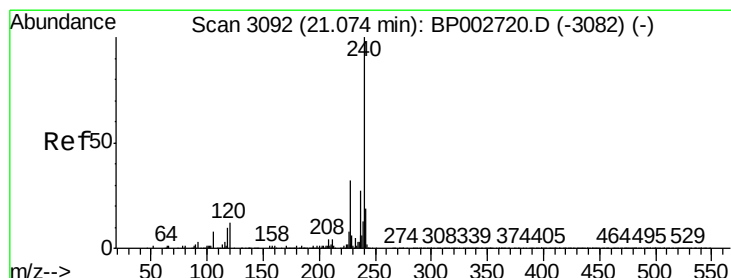
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.07 min Scan# 3092

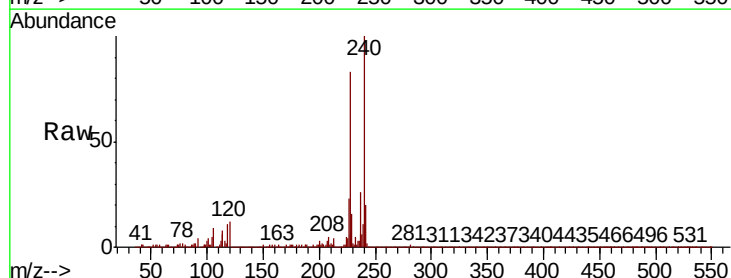
Delta R.T. 0.00 min

Lab File: BP002803.D

Acq: 20 Jul 2020 16:37

Tgt Ion:240 Resp: 601261

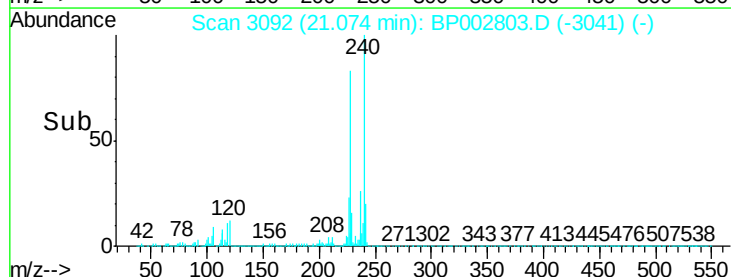
Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.4	14.2
236	26.5	21.3	31.9



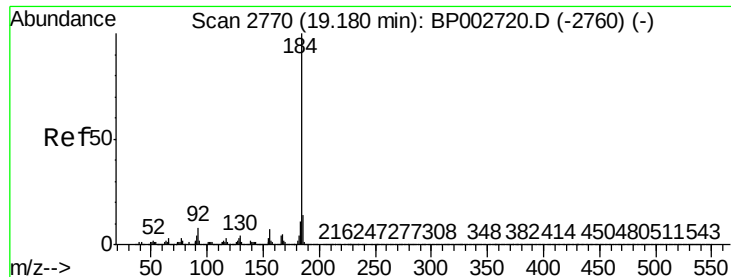
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#77

Benzidine

Concen: 78.506 ng

RT: 19.18 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BP002803.D

Acq: 20 Jul 2020 16:37

Instrument :

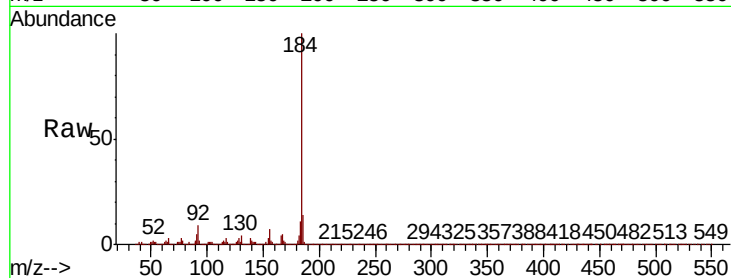
BNA_P

ClientSampleId :

AU-05-071720MS

Tot Ion:184 Resp: 1170010

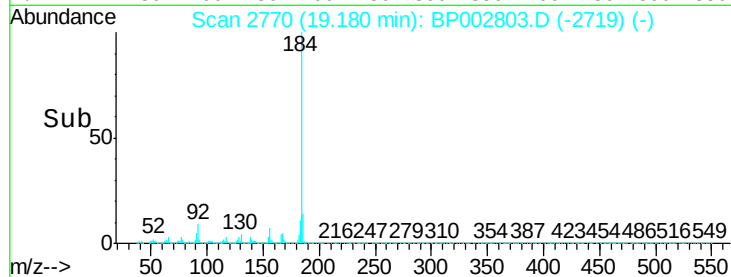
Ion	Ratio	Lower	Upper
184	100		
185	13.6	11.4	17.2
183	11.4	9.0	13.4



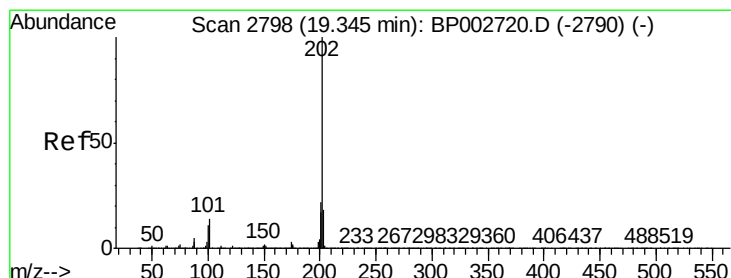
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 19.00 19.20 19.40



#78

Pyrene

Concen: 49.150 ng

RT: 19.35 min Scan# 2798

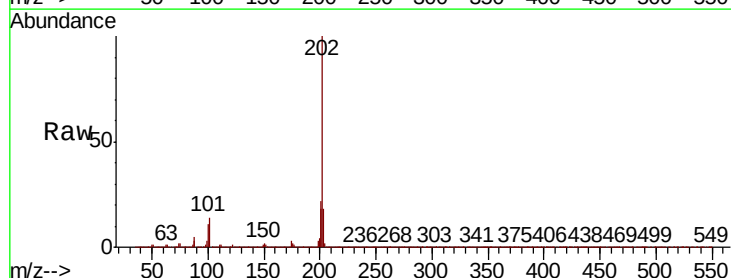
Delta R.T. -0.01 min

Lab File: BP002803.D

Acq: 20 Jul 2020 16:37

Tgt Ion:202 Resp: 2040374

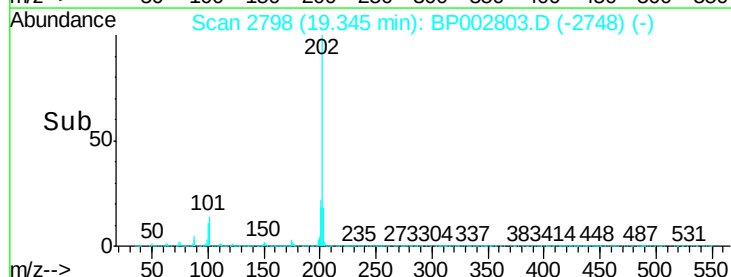
Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	17.8	14.5	21.7



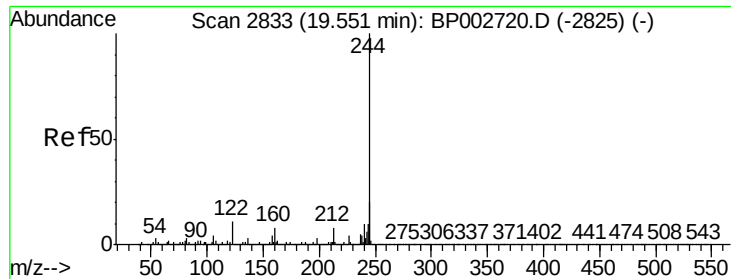
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.20 19.30 19.40 19.50



#79

Terphenyl-d14

Concen: 77.948 ng

RT: 19.55 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BP002803.D

Acq: 20 Jul 2020 16:37

Instrument :

BNA_P

ClientSampleId :

AU-05-071720MS

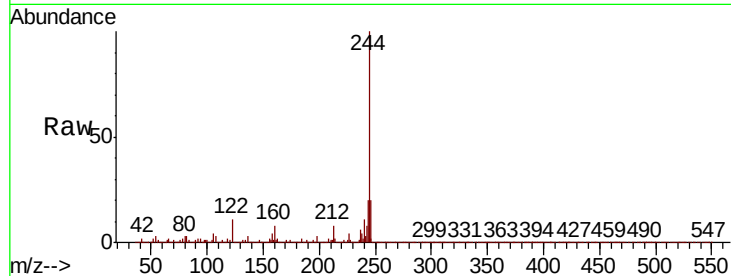
Tot Ion:244 Resp: 2044178

Ion Ratio Lower Upper

244 100

212 8.1 6.0 9.0

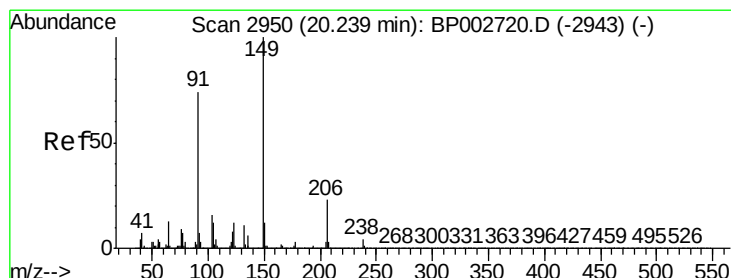
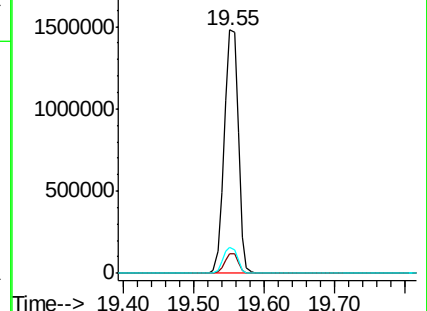
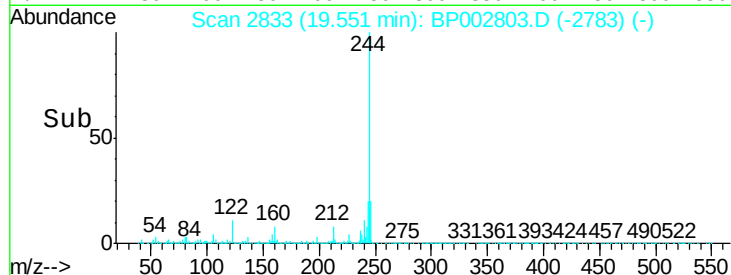
122 10.8 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 53.745 ng

RT: 20.23 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BP002803.D

Acq: 20 Jul 2020 16:37

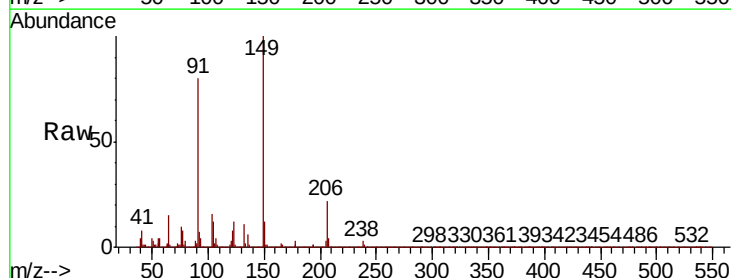
Tgt Ion:149 Resp: 880434

Ion Ratio Lower Upper

149 100

91 79.8 59.4 89.2

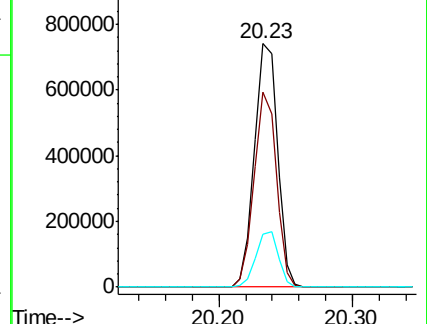
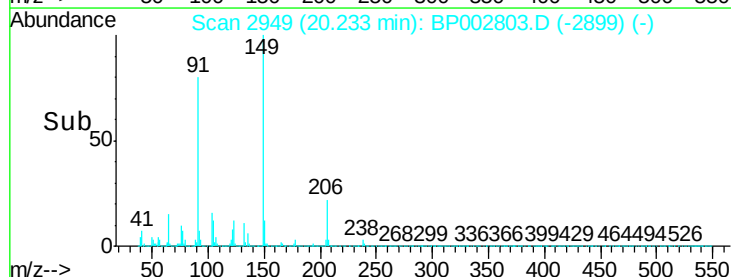
206 21.6 18.3 27.5

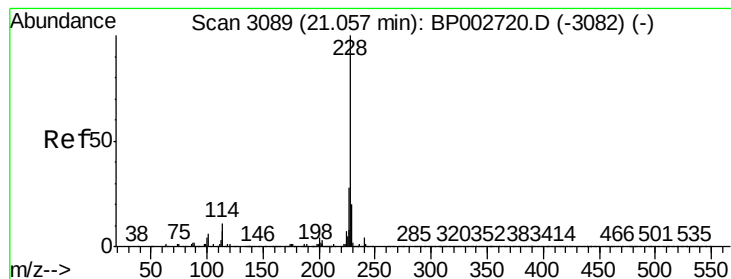


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.392 ng

RT: 21.06 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BP002803.D

Acq: 20 Jul 2020 16:37

Instrument :

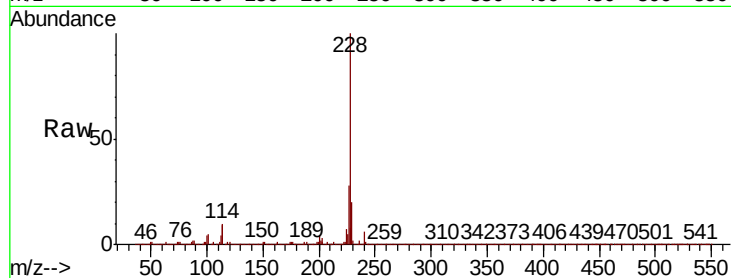
BNA_P

ClientSampleId :

AU-05-071720MS

Tot Ion:228 Resp: 1922394

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	34.0
229	19.5	16.0	24.0

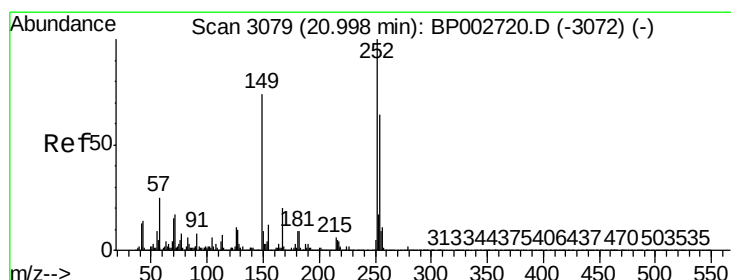
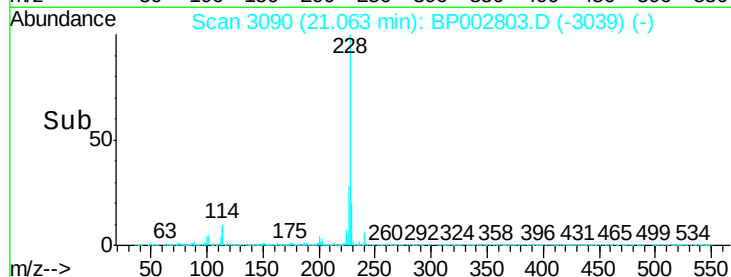
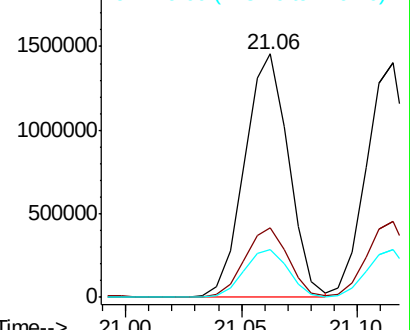


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 52.527 ng

RT: 21.00 min Scan# 3079

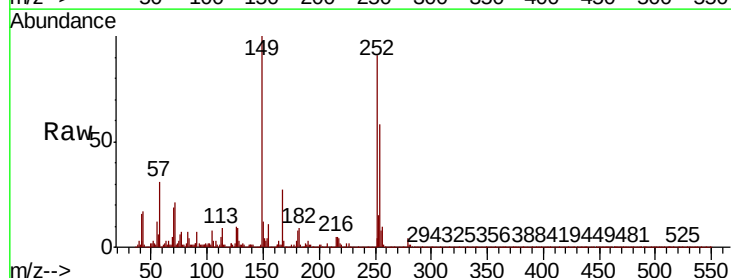
Delta R.T. 0.00 min

Lab File: BP002803.D

Acq: 20 Jul 2020 16:37

Tgt Ion:252 Resp: 677074

Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.0	76.4
126	10.5	8.4	12.6

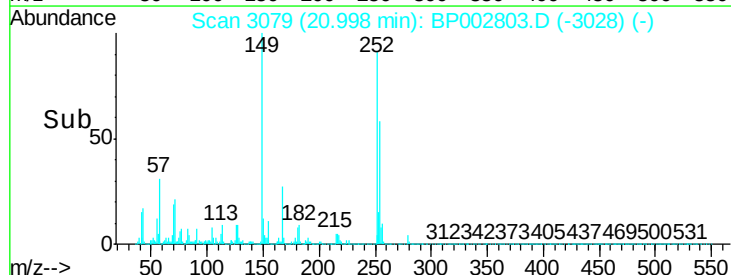
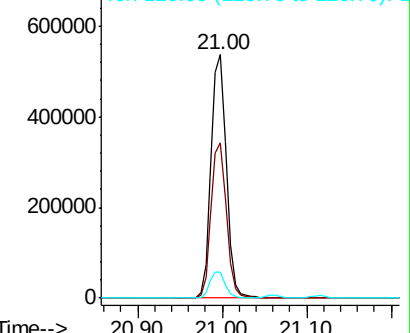


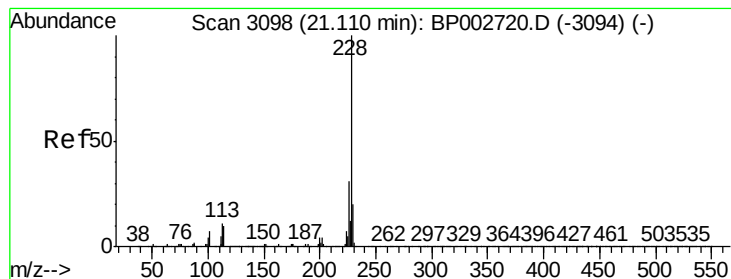
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 48.324 ng

RT: 21.12 min Scan# 3099

Delta R.T. 0.00 min

Lab File: BP002803.D

Acq: 20 Jul 2020 16:37

Instrument :

BNA_P

ClientSampleId :

AU-05-071720MS

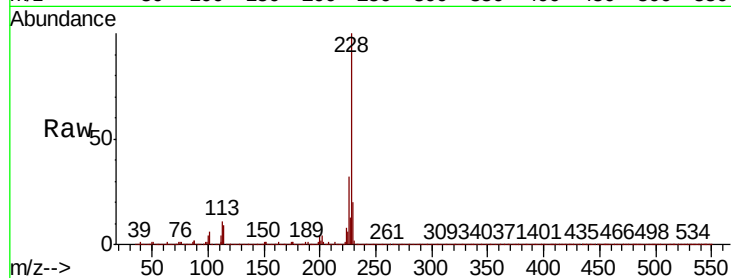
Tot Ion:228 Resp: 1790353

Ion Ratio Lower Upper

228 100

226 32.3 24.6 37.0

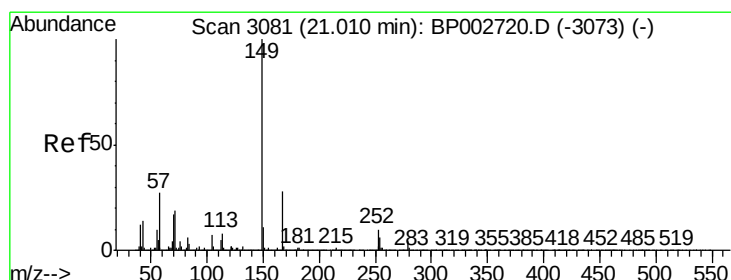
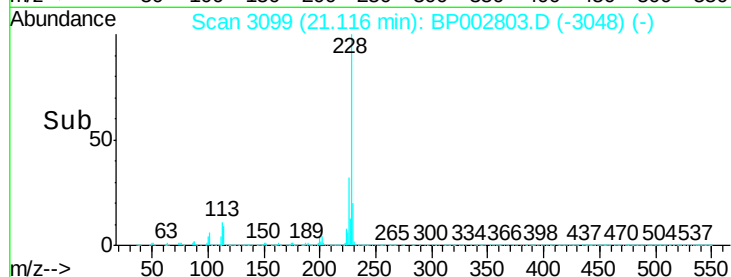
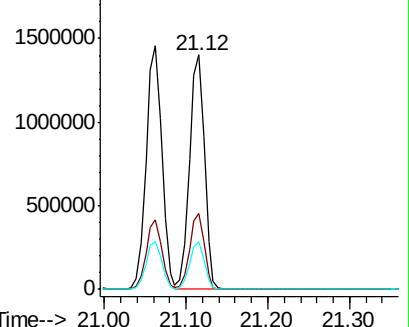
229 20.2 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

2000000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.443 ng

RT: 21.00 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BP002803.D

Acq: 20 Jul 2020 16:37

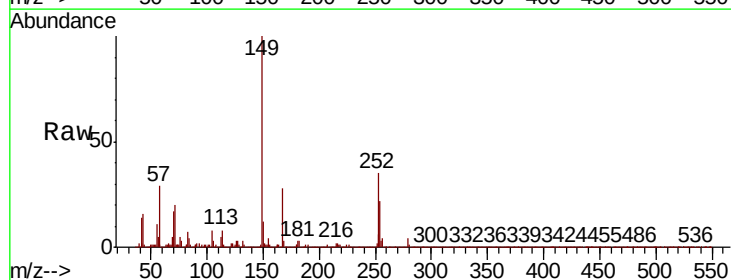
Tgt Ion:149 Resp: 1149312

Ion Ratio Lower Upper

149 100

167 27.8 22.4 33.6

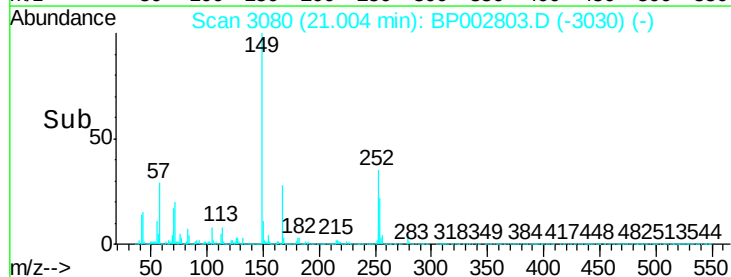
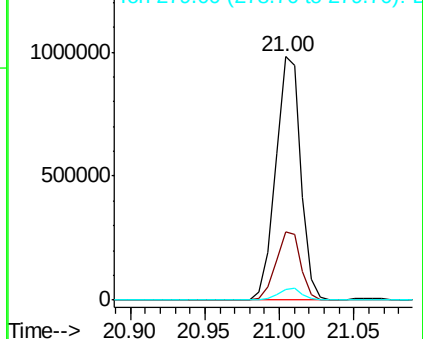
279 4.5 3.5 5.3

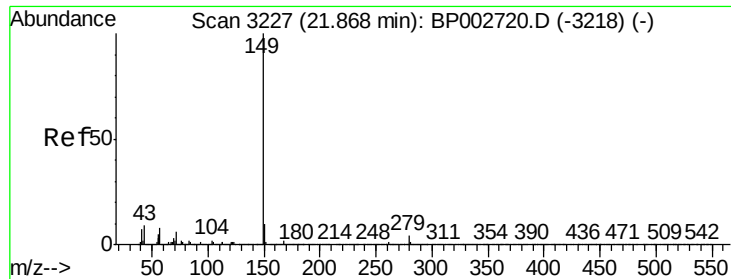


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

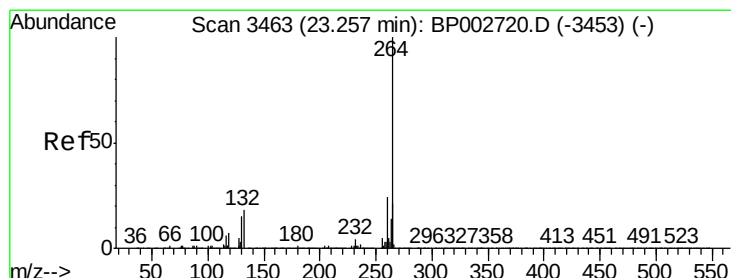
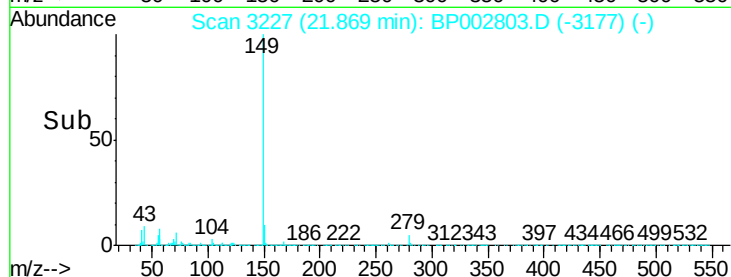
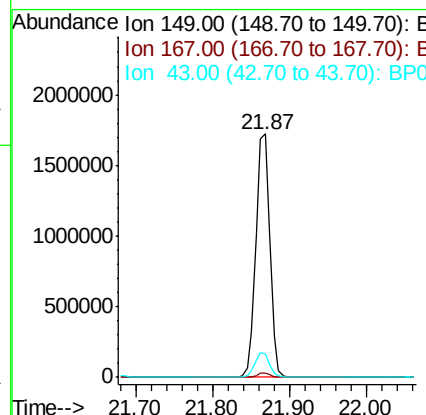
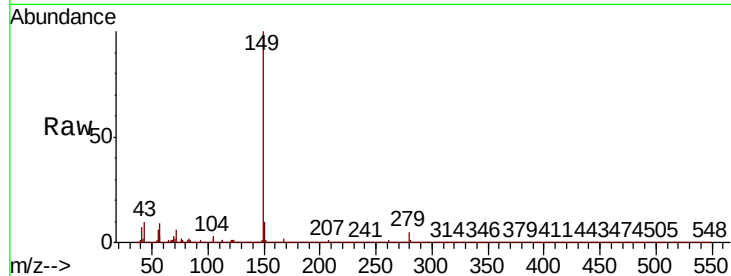




#85
Di-n-octyl phthalate
Concen: 54.037 ng
RT: 21.87 min Scan# 3227
Delta R.T. -0.01 min
Lab File: BP002803.D
Acq: 20 Jul 2020 16:37

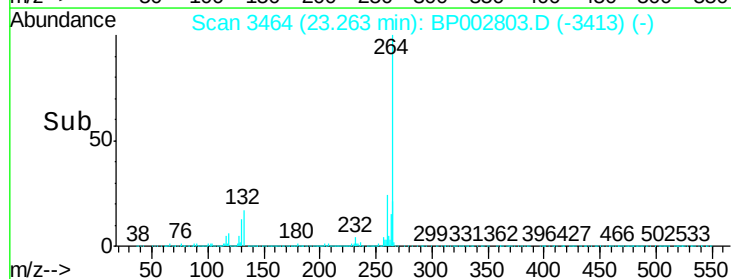
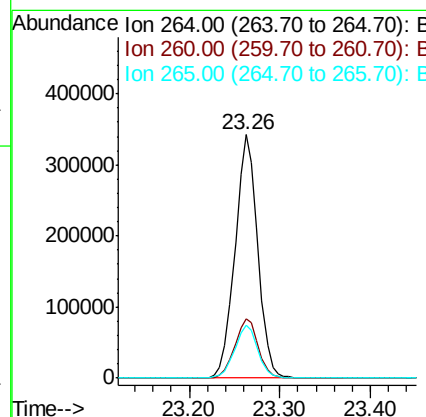
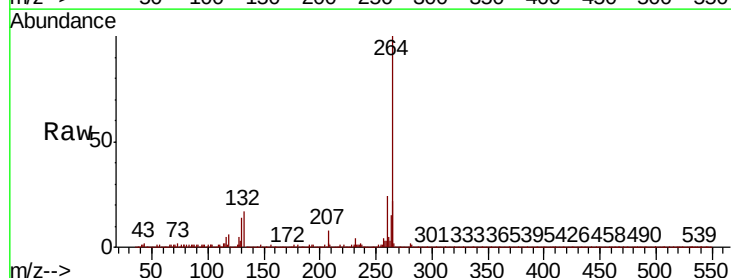
Instrument :
BNA_P
ClientSampleId :
AU-05-071720MS

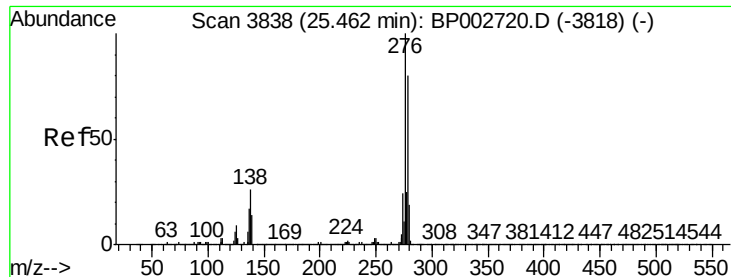
Tot Ion:149 Resp: 2213513
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.8 8.2 12.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.26 min Scan# 3464
Delta R.T. 0.00 min
Lab File: BP002803.D
Acq: 20 Jul 2020 16:37

Tgt Ion:264 Resp: 594589
Ion Ratio Lower Upper
264 100
260 24.5 19.3 28.9
265 21.5 16.8 25.2

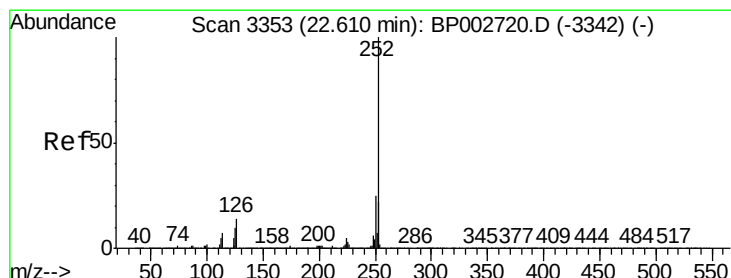
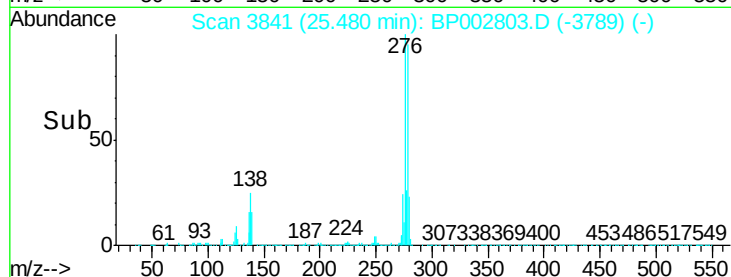
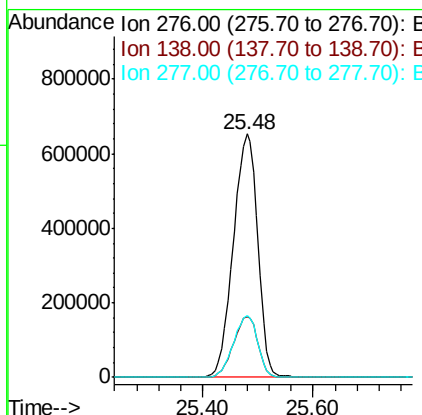
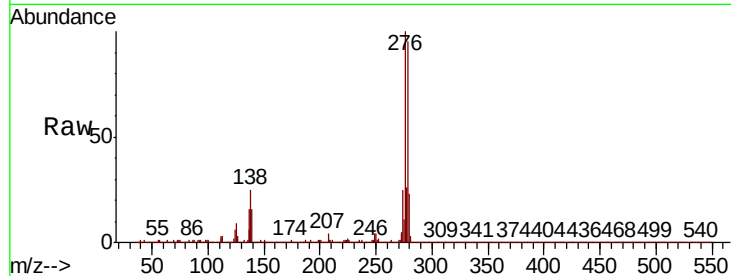




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.758 ng
 RT: 25.48 min Scan# 3841
 Delta R.T. 0.01 min
 Lab File: BP002803.D
 Acq: 20 Jul 2020 16:37

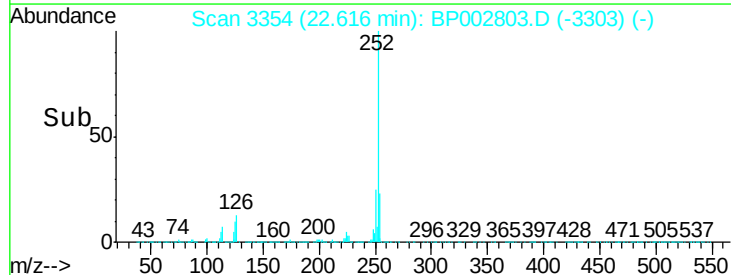
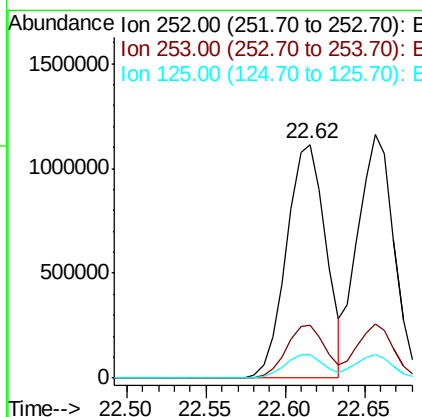
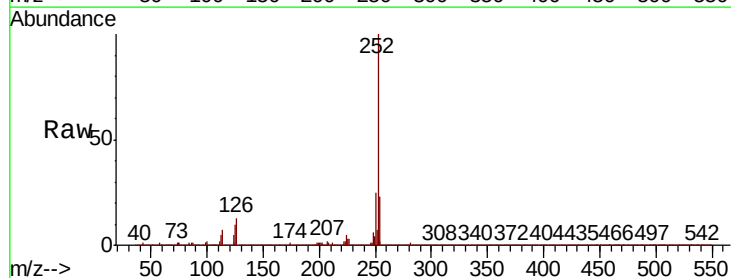
Instrument :
 BNA_P
 ClientSampleId :
 AU-05-071720MS

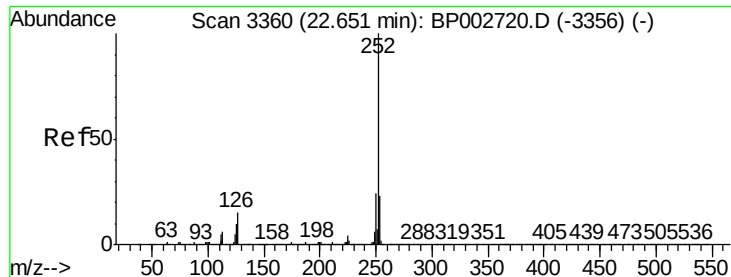
Tot Ion:276 Resp: 2009400
 Ion Ratio Lower Upper
 276 100
 138 25.0 20.8 31.2
 277 25.2 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 51.926 ng
 RT: 22.62 min Scan# 3354
 Delta R.T. 0.00 min
 Lab File: BP002803.D
 Acq: 20 Jul 2020 16:37

Tgt Ion:252 Resp: 1917136
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.7 26.5
 125 9.9 8.2 12.2

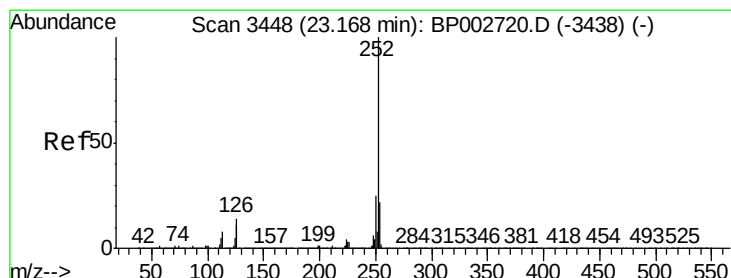
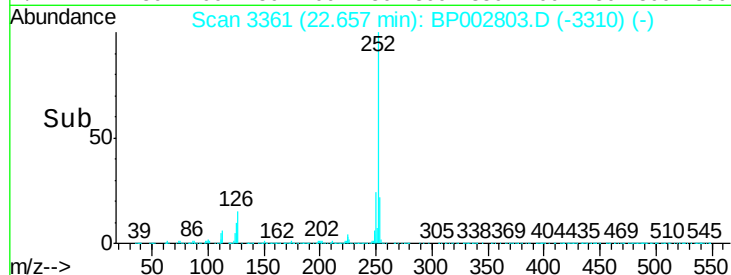
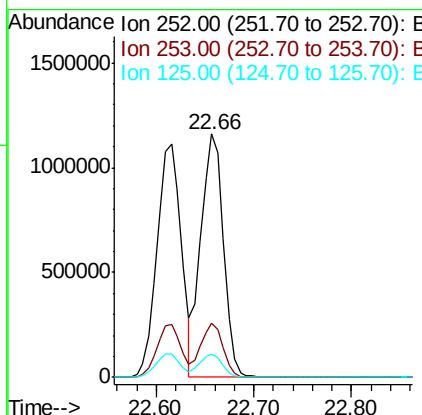
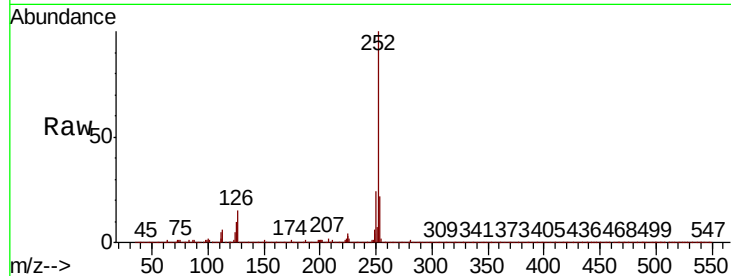




#89
Benzo(k)fluoranthene
Concen: 51.054 ng
RT: 22.66 min Scan# 3361
Delta R.T. 0.00 min
Lab File: BP002803.D
Acq: 20 Jul 2020 16:37

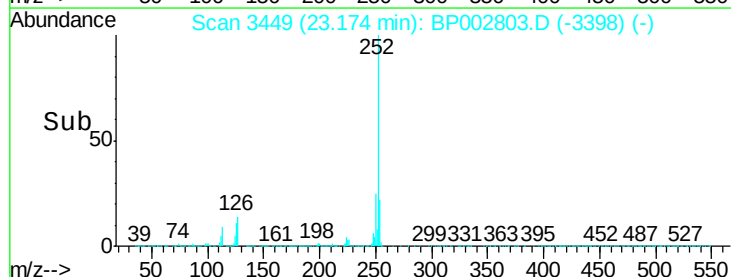
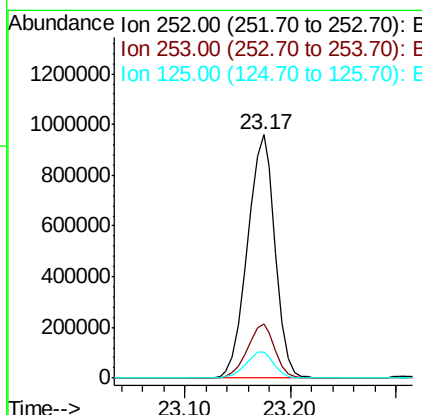
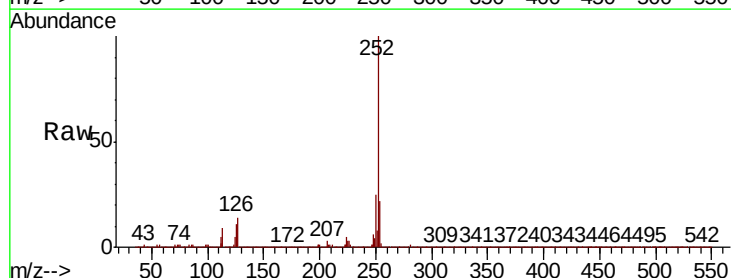
Instrument :
BNA_P
ClientSampleId :
AU-05-071720MS

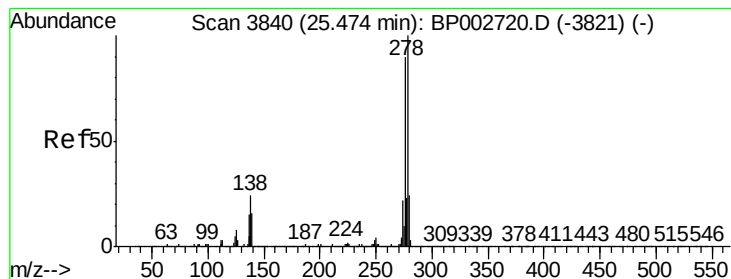
Tot Ion:252 Resp: 1856641
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 9.9 8.3 12.5



#90
Benzo(a)pyrene
Concen: 49.793 ng
RT: 23.17 min Scan# 3449
Delta R.T. 0.00 min
Lab File: BP002803.D
Acq: 20 Jul 2020 16:37

Tgt Ion:252 Resp: 1742119
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.7 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 47.990 ng

RT: 25.49 min Scan# 3842

Delta R.T. 0.01 min

Lab File: BP002803.D

Acq: 20 Jul 2020 16:37

Instrument :

BNA_P

ClientSampleId :

AU-05-071720MS

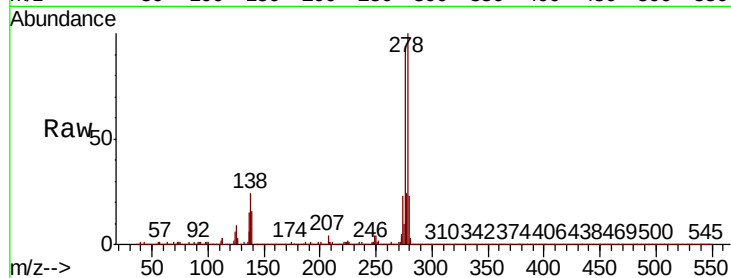
Tot Ion:278 Resp: 1663228

Ion Ratio Lower Upper

278 100

139 16.4 13.1 19.7

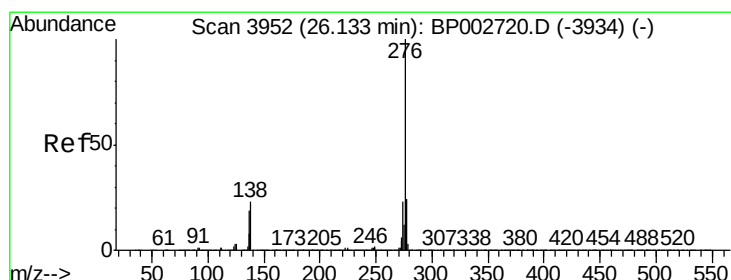
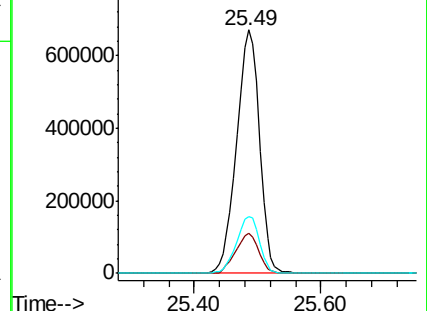
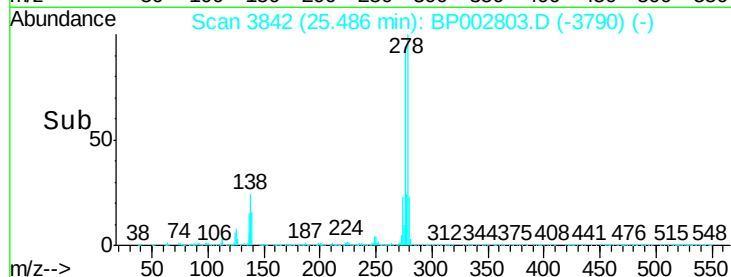
279 23.3 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.934 ng

RT: 26.15 min Scan# 3955

Delta R.T. 0.01 min

Lab File: BP002803.D

Acq: 20 Jul 2020 16:37

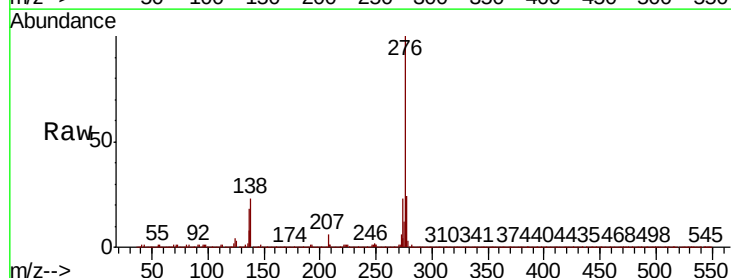
Tgt Ion:276 Resp: 1649250

Ion Ratio Lower Upper

276 100

277 23.6 19.1 28.7

138 22.6 18.3 27.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

