

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
 Data File : BP019717.D
 Acq On : 15 Feb 2024 11:43
 Operator : MA/JU
 Sample : PB158973BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB158973BS

Quant Time: Feb 15 12:08:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	66989	20.000	ng	-0.01
21) Naphthalene-d8	10.710	136	232872	20.000	ng	0.00
39) Acenaphthene-d10	14.540	164	145897	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	328127	20.000	ng	0.00
76) Chrysene-d12	21.392	240	293766	20.000	ng	0.00
86) Perylene-d12	23.810	264	359019	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	533731	128.429	ng	0.00
7) Phenol-d6	7.081	99	677129	120.838	ng	0.00
23) Nitrobenzene-d5	9.075	82	449959	83.726	ng	-0.01
42) 2,4,6-Tribromophenol	16.039	330	346454	162.639	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1019227	86.362	ng	-0.01
79) Terphenyl-d14	19.863	244	1700637	95.204	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	54330	33.932	ng	98
3) Pyridine	3.781	79	144213	33.221	ng	99
4) n-Nitrosodimethylamine	3.699	42	78663	41.622	ng	96
6) Aniline	7.240	93	146475	26.901	ng	98
8) 2-Chlorophenol	7.469	128	187708	43.994	ng	99
9) Benzaldehyde	7.052	77	8514	2.167	ng	87
10) Phenol	7.111	94	235326	42.135	ng	98
11) bis(2-Chloroethyl)ether	7.340	93	176698	40.666	ng	99
12) 1,3-Dichlorobenzene	7.793	146	221561	42.438	ng	98
13) 1,4-Dichlorobenzene	7.940	146	225094	42.556	ng	98
14) 1,2-Dichlorobenzene	8.252	146	213675	41.752	ng	98
15) Benzyl Alcohol	8.158	79	191802	42.839	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.434	45	170192	39.169	ng	98
17) 2-Methylphenol	8.357	107	158457	42.142	ng	98
18) Hexachloroethane	8.975	117	83537	40.745	ng	97
19) n-Nitroso-di-n-propyla...	8.722	70	145647	38.053	ng	97
20) 3+4-Methylphenols	8.687	107	209809	40.886	ng	97
22) Acetophenone	8.740	105	292223	44.048	ng	# 97
24) Nitrobenzene	9.122	77	226174	41.799	ng	99
25) Isophorone	9.646	82	392089	41.892	ng	100
26) 2-Nitrophenol	9.828	139	103443	50.138	ng	92
27) 2,4-Dimethylphenol	9.887	122	139154	52.746	ng	100
28) bis(2-Chloroethoxy)met...	10.134	93	223248	42.158	ng	99
29) 2,4-Dichlorophenol	10.357	162	188018	47.146	ng	95
30) 1,2,4-Trichlorobenzene	10.569	180	222195	45.441	ng	99
31) Naphthalene	10.757	128	555723	43.511	ng	100
32) Benzoic acid	10.034	122	129096	50.224	ng	95
33) 4-Chloroaniline	10.881	127	65014	13.765	ng	96
34) Hexachlorobutadiene	11.028	225	159427	43.998	ng	97
35) Caprolactam	11.681	113	55500	49.159	ng	90
36) 4-Chloro-3-methylphenol	12.004	107	198224	45.585	ng	97
37) 2-Methylnaphthalene	12.369	142	384613	43.514	ng	100
38) 1-Methylnaphthalene	12.587	142	364595	41.975	ng	99
40) 1,2,4,5-Tetrachloroben...	12.728	216	272373	48.407	ng	99
41) Hexachlorocyclopentadiene	12.698	237	338858	133.311	ng	100
43) 2,4,6-Trichlorophenol	12.975	196	166938	48.997	ng	98

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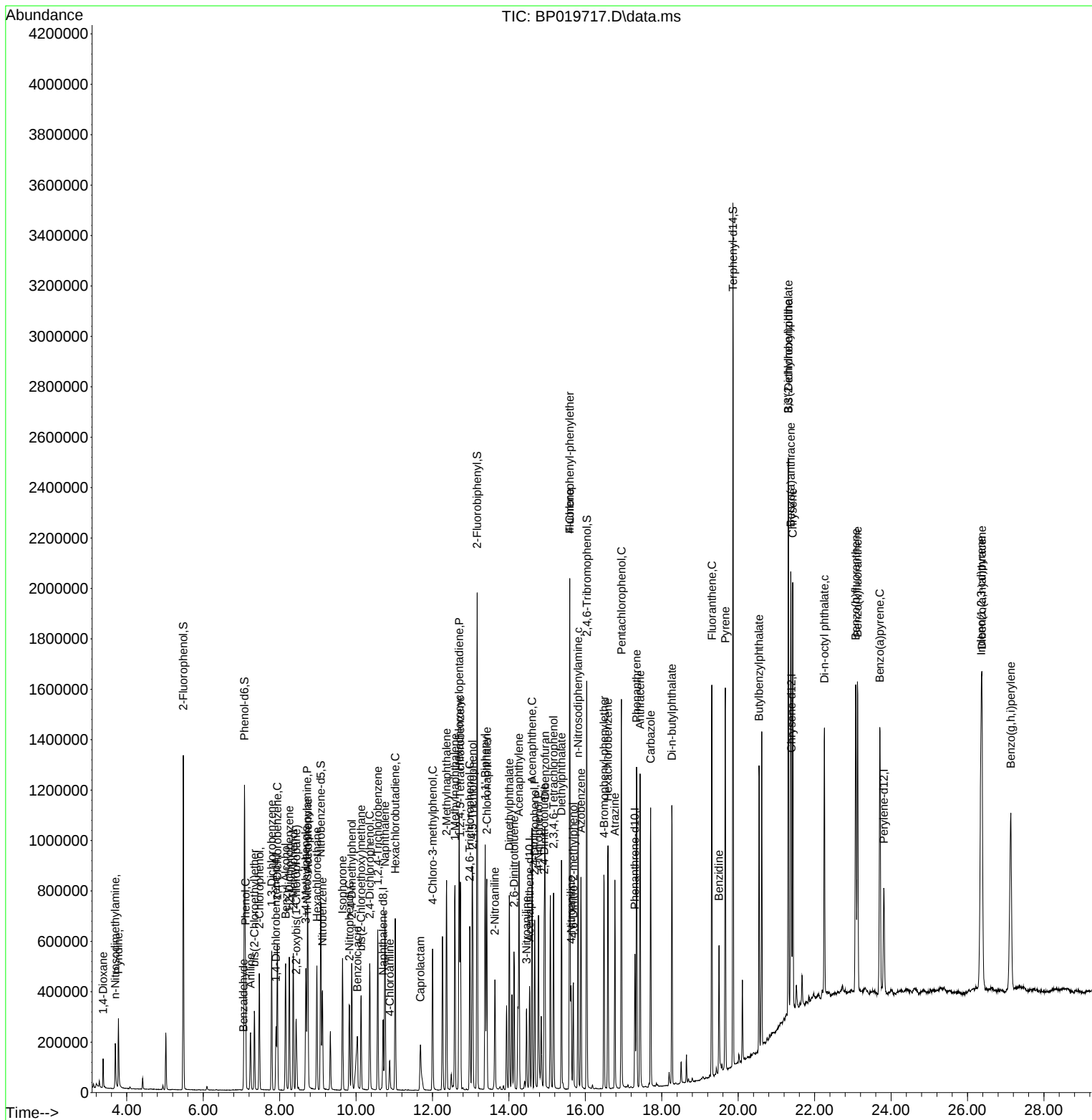
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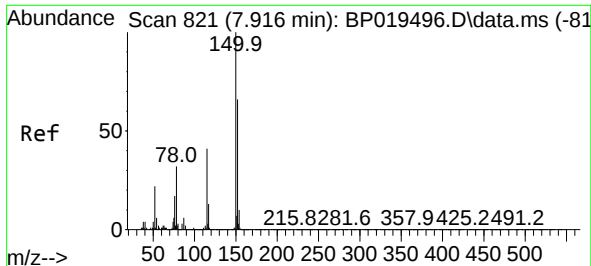
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	181080	48.401	ng	97
46) 1,1'-Biphenyl	13.381	154	516906	44.391	ng	99
47) 2-Chloronaphthalene	13.422	162	417831	43.712	ng	99
48) 2-Nitroaniline	13.634	65	127321	47.635	ng	98
49) Acenaphthylene	14.263	152	657041	48.994	ng	100
50) Dimethylphthalate	14.010	163	515895	46.191	ng	99
51) 2,6-Dinitrotoluene	14.134	165	116429	47.447	ng	94
52) Acenaphthene	14.604	154	367740	44.182	ng	99
53) 3-Nitroaniline	14.463	138	78279	34.712	ng	98
54) 2,4-Dinitrophenol	14.675	184	150700	118.282	ng	97
55) Dibenzofuran	14.945	168	627093	46.258	ng	98
56) 4-Nitrophenol	14.775	139	187947	101.682	ng	98
57) 2,4-Dinitrotoluene	14.922	165	162718	50.602	ng	98
58) Fluorene	15.592	166	506559	46.916	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.169	232	170957	54.325	ng	94
60) Diethylphthalate	15.375	149	505166	45.473	ng	99
61) 4-Chlorophenyl-phenyle...	15.592	204	283601	46.732	ng	93
62) 4-Nitroaniline	15.628	138	111969	47.369	ng	98
63) Azobenzene	15.887	77	459552	42.778	ng	97
65) 4,6-Dinitro-2-methylph...	15.687	198	99214	53.027	ng	94
66) n-Nitrosodiphenylamine	15.810	169	438235	44.595	ng	99
67) 4-Bromophenyl-phenylether	16.492	248	186482	45.461	ng	93
68) Hexachlorobenzene	16.592	284	217754	45.458	ng	94
69) Atrazine	16.775	200	164502	50.446	ng	96
70) Pentachlorophenol	16.945	266	303829	101.851	ng	99
71) Phenanthrene	17.339	178	803717	46.543	ng	99
72) Anthracene	17.433	178	803742	46.658	ng	99
73) Carbazole	17.710	167	717780	45.867	ng	99
74) Di-n-butylphthalate	18.263	149	811217	42.873	ng	99
75) Fluoranthene	19.310	202	966810	45.831	ng	99
77) Benzidine	19.498	184	326573	53.173	ng	99
78) Pyrene	19.663	202	985160	47.517	ng	99
80) Butylbenzylphthalate	20.545	149	344377	44.479	ng	99
81) Benzo(a)anthracene	21.374	228	962772	46.558	ng	100
82) 3,3'-Dichlorobenzidine	21.310	252	317997	42.200	ng	99
83) Chrysene	21.427	228	901985	45.943	ng	100
84) Bis(2-ethylhexyl)phtha...	21.310	149	457809	38.830	ng	100
85) Di-n-octyl phthalate	22.257	149	789695	38.069	ng	99
87) Indeno(1,2,3-cd)pyrene	26.357	276	1367693	49.768	ng	98
88) Benzo(b)fluoranthene	23.074	252	1001008	44.239	ng	99
89) Benzo(k)fluoranthene	23.121	252	977935	45.245	ng	99
90) Benzo(a)pyrene	23.704	252	946468	47.011	ng	99
91) Dibenzo(a,h)anthracene	26.380	278	1134976	50.215	ng #	97
92) Benzo(g,h,i)perylene	27.133	276	1102868	48.096	ng	97

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

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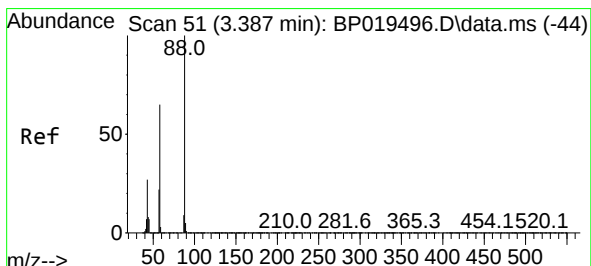
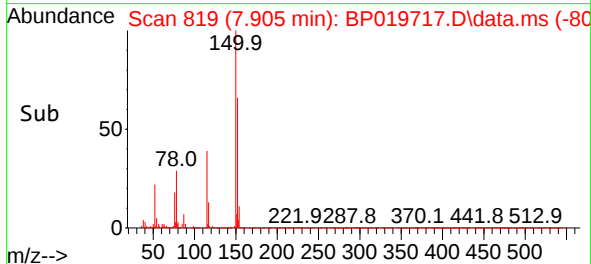
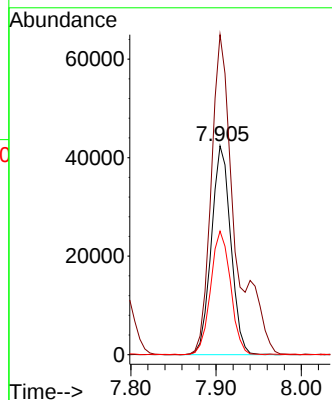
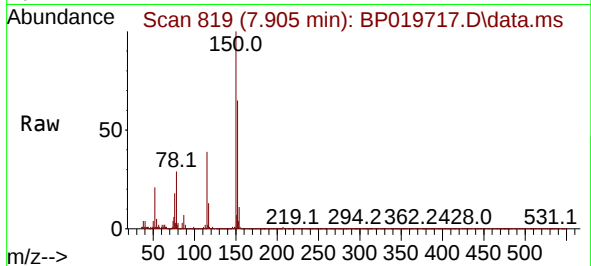




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.905 min Scan# 81
 Delta R.T. -0.011 min
 Lab File: BP019717.D
 Acq: 15 Feb 2024 11:43

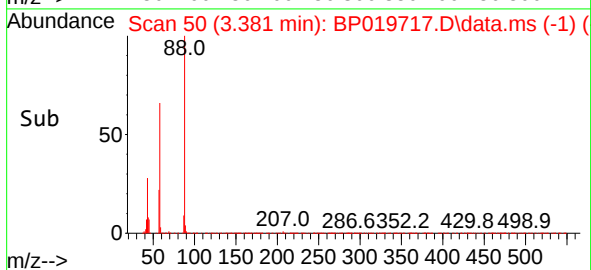
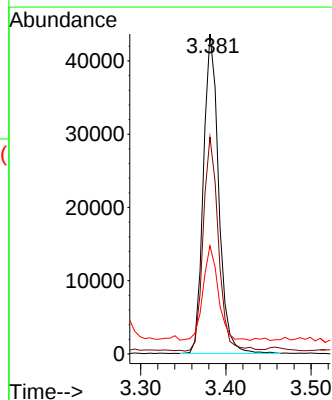
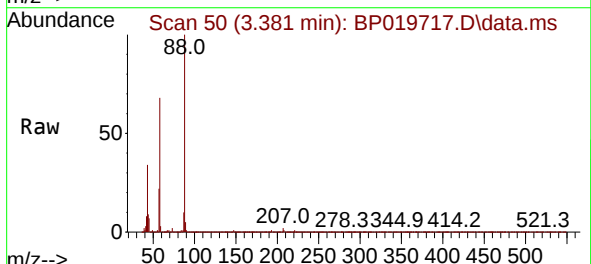
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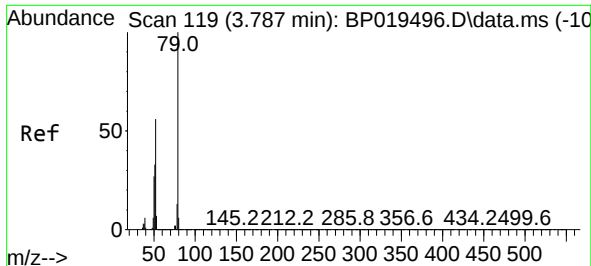
Tgt Ion:152 Resp: 66989
 Ion Ratio Lower Upper
 152 100
 150 153.2 121.8 182.8
 115 59.1 49.9 74.9



#2
 1,4-Dioxane
 Concen: 33.932 ng
 RT: 3.381 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: BP019717.D
 Acq: 15 Feb 2024 11:43

Tgt Ion: 88 Resp: 54330
 Ion Ratio Lower Upper
 88 100
 58 66.8 52.6 78.8
 43 29.3 21.9 32.9

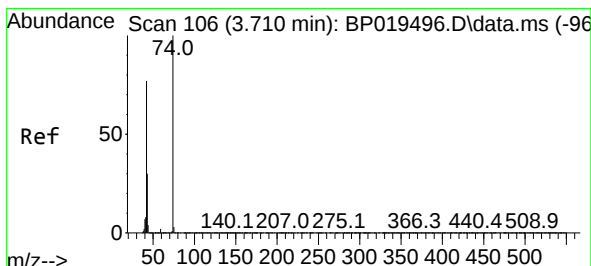
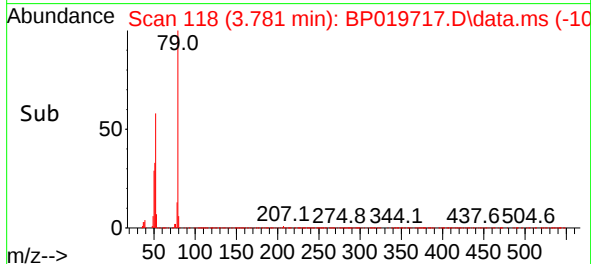
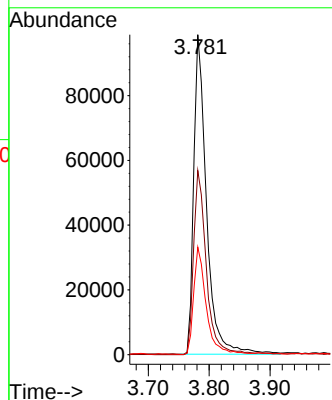
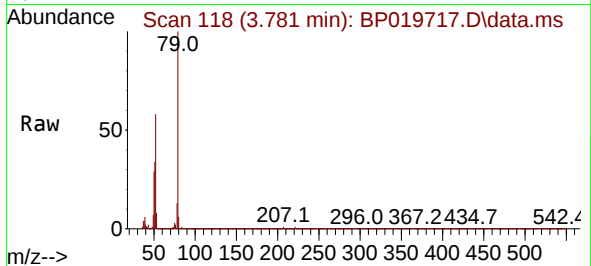




#3
Pyridine
Concen: 33.221 ng
RT: 3.781 min Scan# 119
Delta R.T. -0.006 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

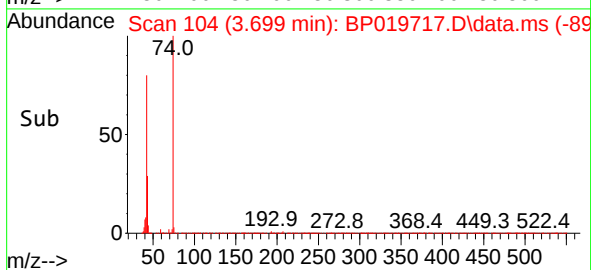
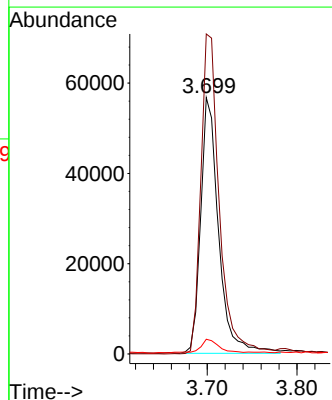
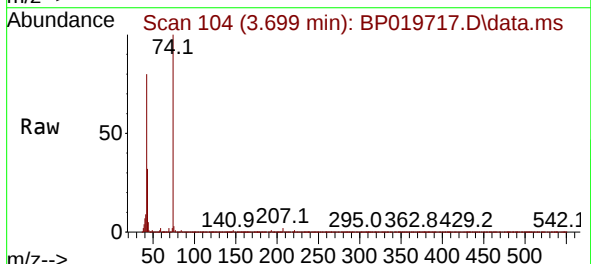
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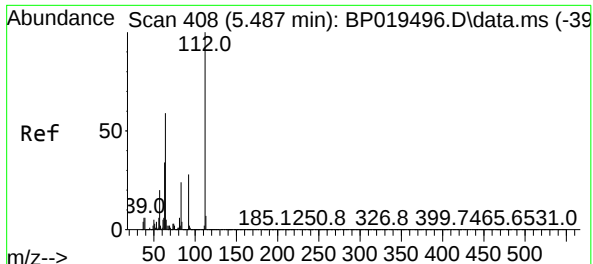
Tgt Ion: 79 Resp: 144213
Ion Ratio Lower Upper
79 100
52 57.6 45.0 67.6
51 33.6 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 41.622 ng
RT: 3.699 min Scan# 104
Delta R.T. -0.011 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

Tgt Ion: 42 Resp: 78663
Ion Ratio Lower Upper
42 100
74 124.8 103.4 155.2
44 5.7 4.8 7.2

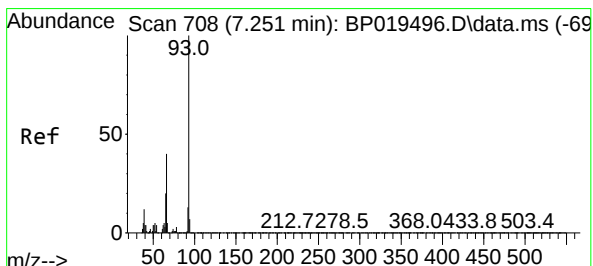
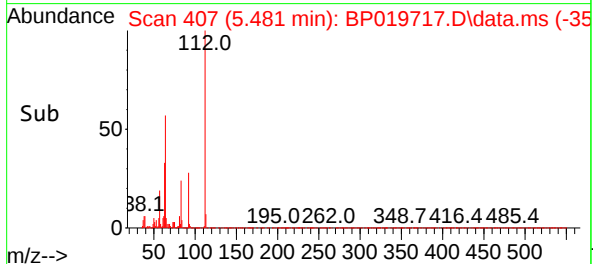
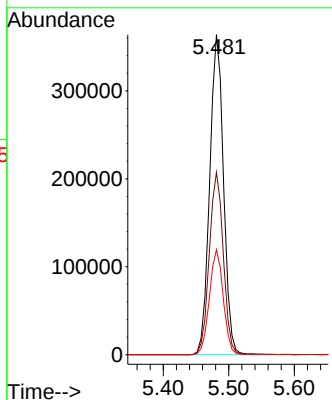
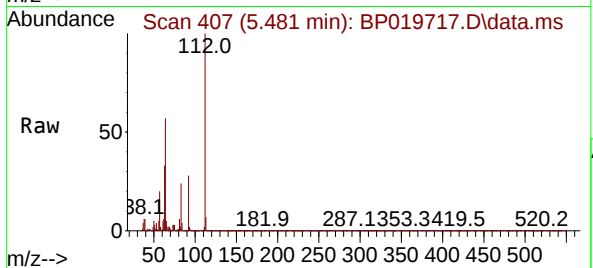




#5
2-Fluorophenol
Concen: 128.429 ng
RT: 5.481 min Scan# 408
Delta R.T. -0.006 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

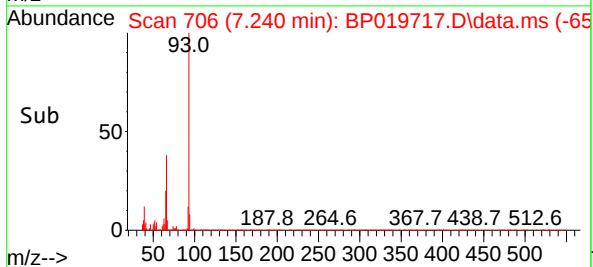
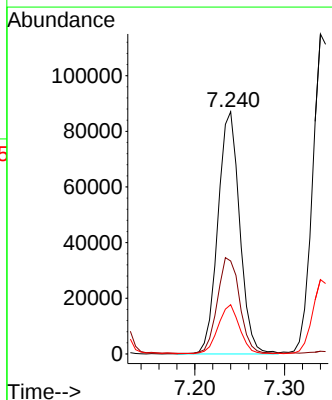
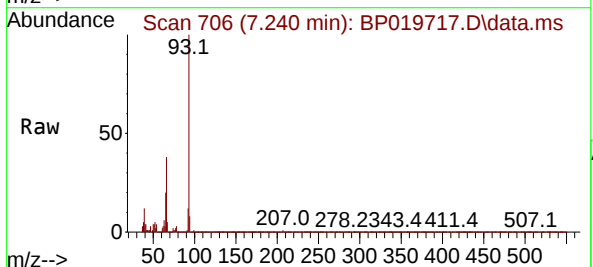
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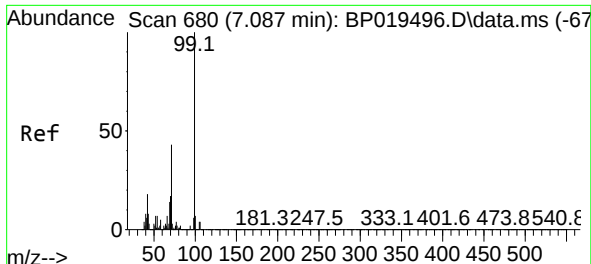
Tgt Ion:112 Resp: 533731
Ion Ratio Lower Upper
112 100
64 57.0 47.4 71.0
63 32.8 27.0 40.6



#6
Aniline
Concen: 26.901 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.011 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

Tgt Ion: 93 Resp: 146475
Ion Ratio Lower Upper
93 100
66 38.4 32.3 48.5
65 20.4 16.4 24.6

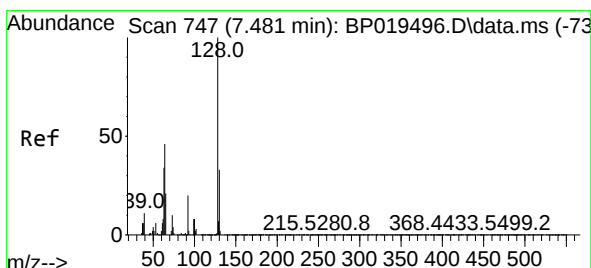
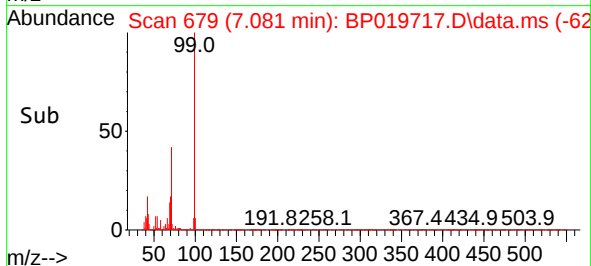
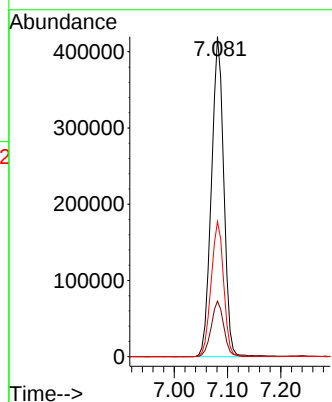
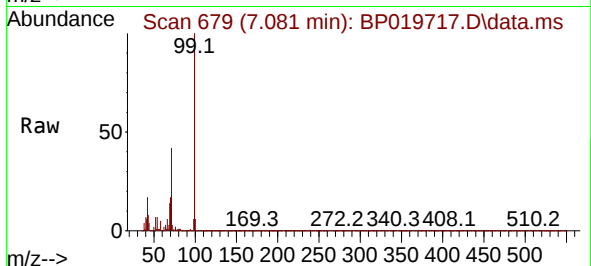




#7
Phenol-d6
Concen: 120.838 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

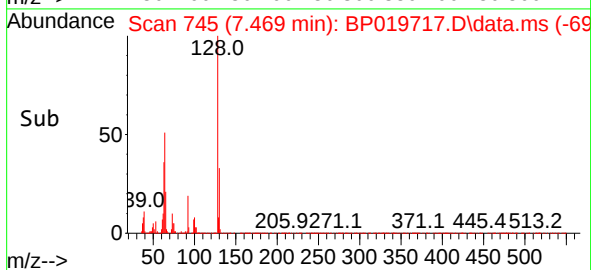
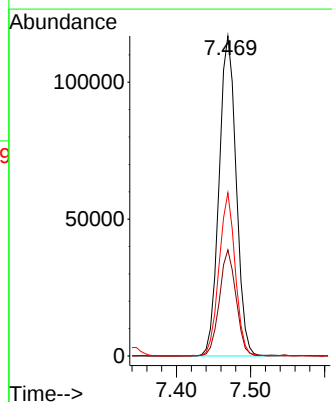
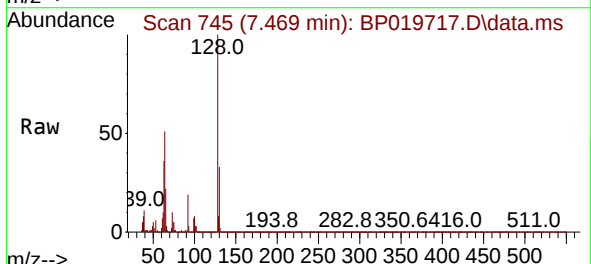
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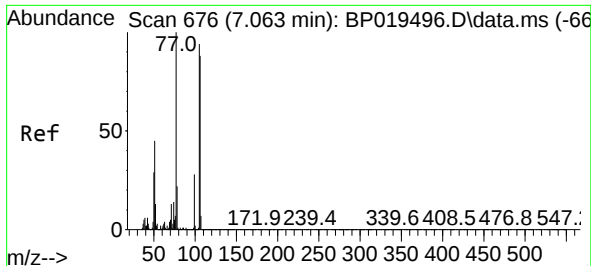
Tgt Ion: 99 Resp: 677129
Ion Ratio Lower Upper
99 100
42 17.3 14.7 22.1
71 42.2 34.8 52.2



#8
2-Chlorophenol
Concen: 43.994 ng
RT: 7.469 min Scan# 745
Delta R.T. -0.011 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

Tgt Ion: 128 Resp: 187708
Ion Ratio Lower Upper
128 100
130 33.2 13.3 53.3
64 51.0 29.7 69.7

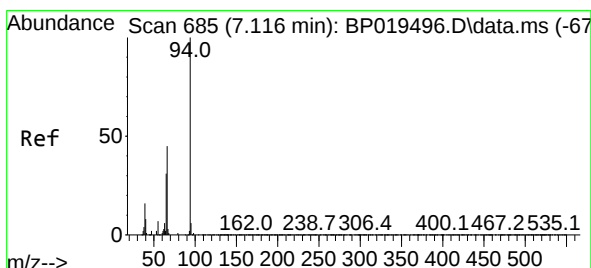
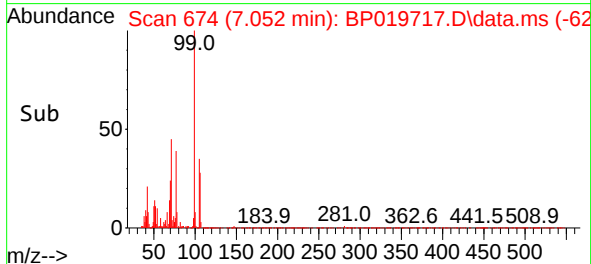
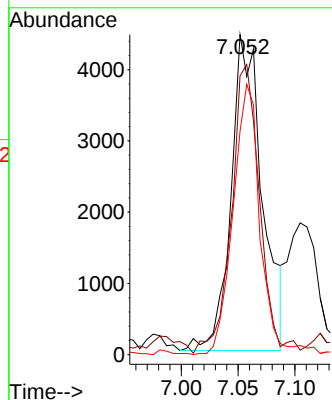
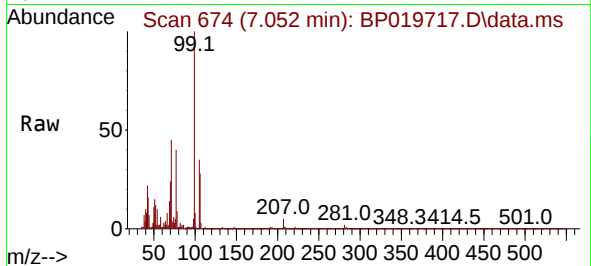




#9
Benzaldehyde
Concen: 2.167 ng
RT: 7.052 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

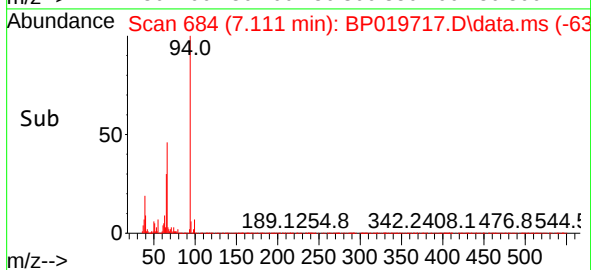
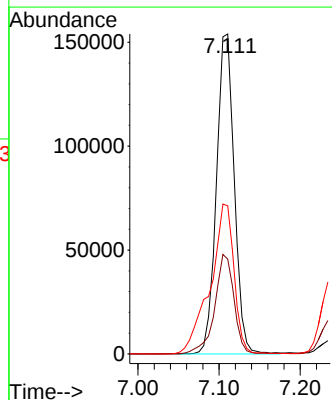
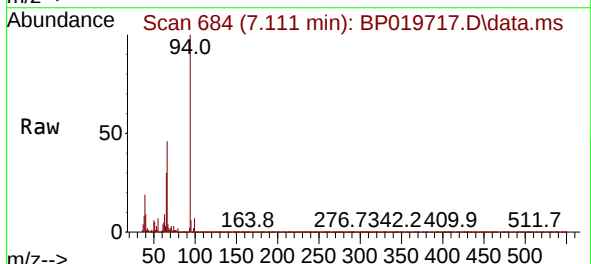
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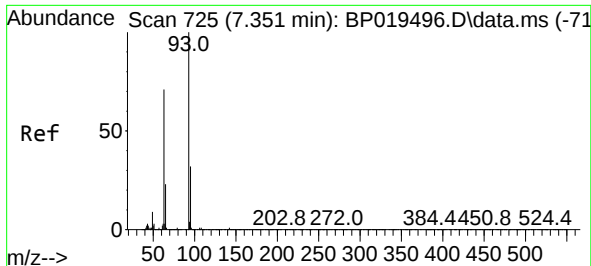
Tgt Ion: 77 Resp: 8514
Ion Ratio Lower Upper
77 100
105 87.1 74.0 114.0
106 69.9 67.8 107.8



#10
Phenol
Concen: 42.135 ng
RT: 7.111 min Scan# 684
Delta R.T. -0.006 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

Tgt Ion: 94 Resp: 235326
Ion Ratio Lower Upper
94 100
65 29.6 11.3 51.3
66 46.3 25.1 65.1

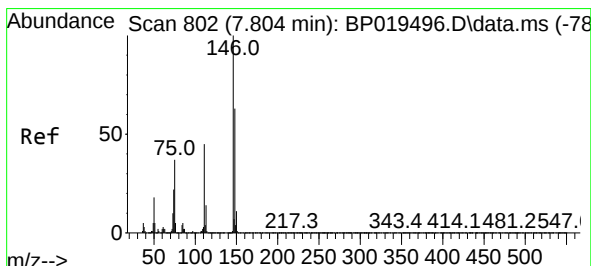
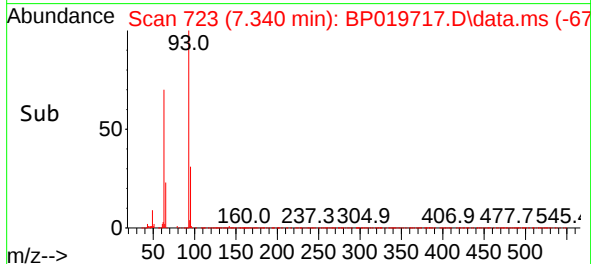
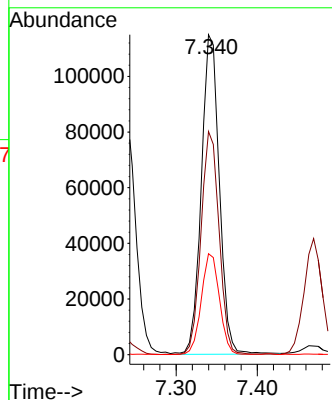
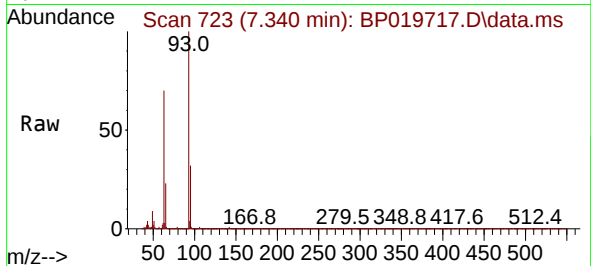




#11
bis(2-Chloroethyl)ether
Concen: 40.666 ng
RT: 7.340 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

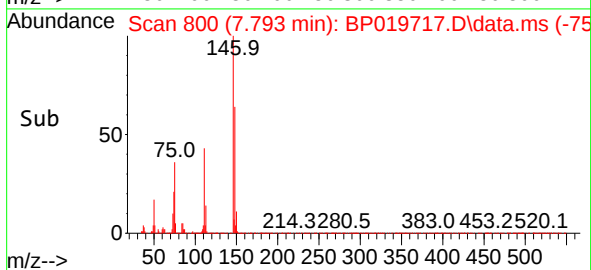
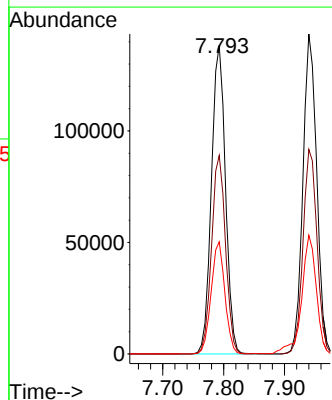
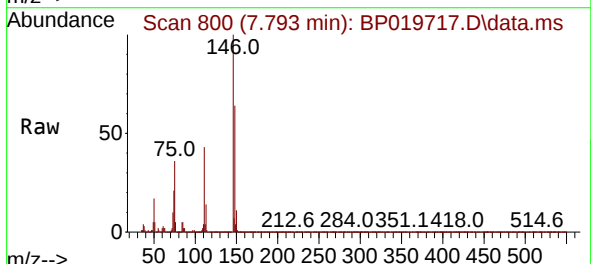
Instrument :
BNA_P
ClientSampleId :
PB158973BS

Tgt Ion: 93 Resp: 176698
Ion Ratio Lower Upper
93 100
63 69.7 51.2 91.2
95 31.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 42.438 ng
RT: 7.793 min Scan# 800
Delta R.T. -0.011 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

Tgt Ion:146 Resp: 221561
Ion Ratio Lower Upper
146 100
148 64.3 50.4 75.6
75 36.3 29.9 44.9

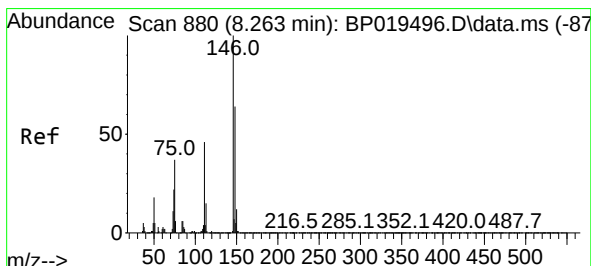
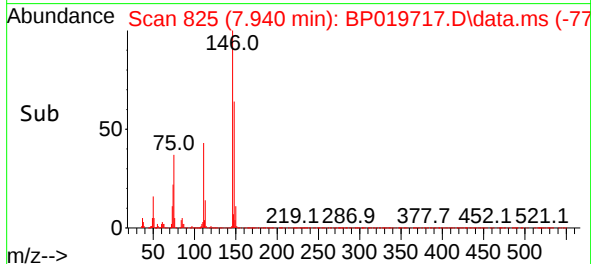
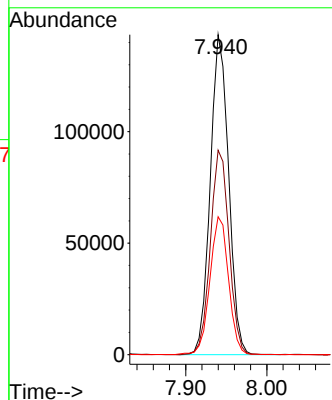
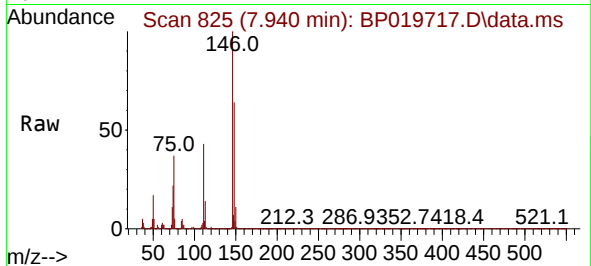




#13
1,4-Dichlorobenzene
Concen: 42.556 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

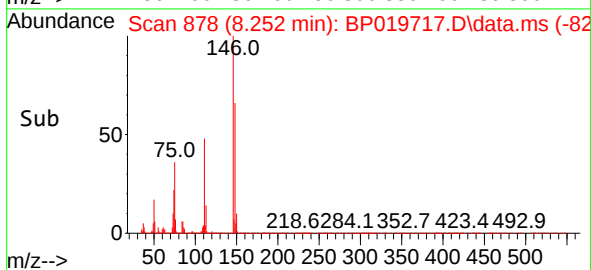
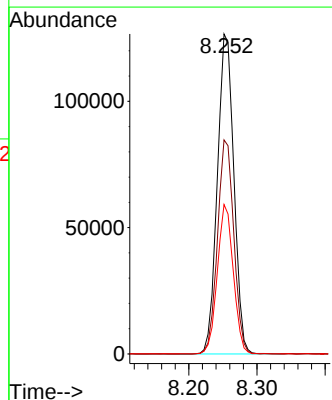
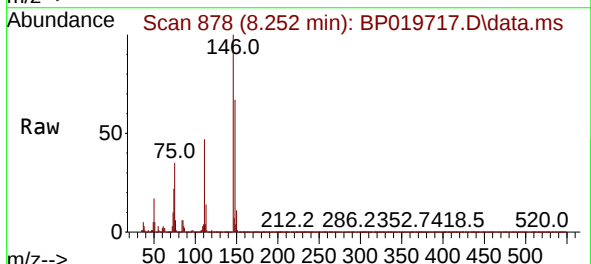
Instrument :
BNA_P
ClientSampleId :
PB158973BS

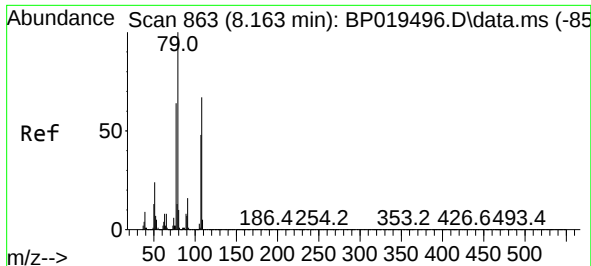
Tgt Ion:146 Resp: 225094
Ion Ratio Lower Upper
146 100
148 63.9 51.9 77.9
111 43.1 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 41.752 ng
RT: 8.252 min Scan# 878
Delta R.T. -0.011 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

Tgt Ion:146 Resp: 213675
Ion Ratio Lower Upper
146 100
148 66.9 51.4 77.0
111 46.7 37.0 55.6

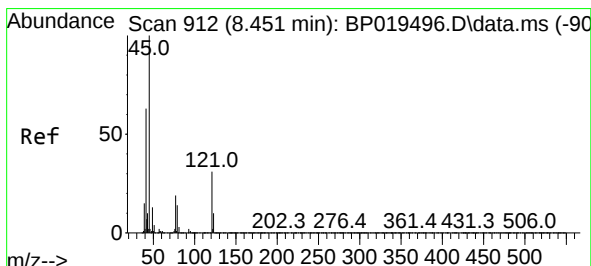
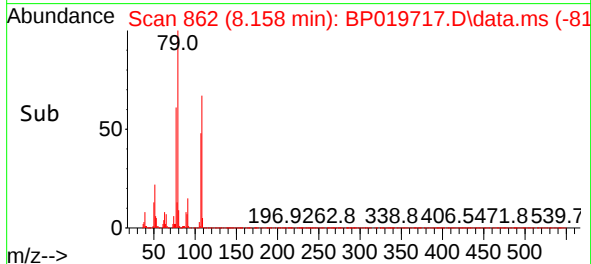
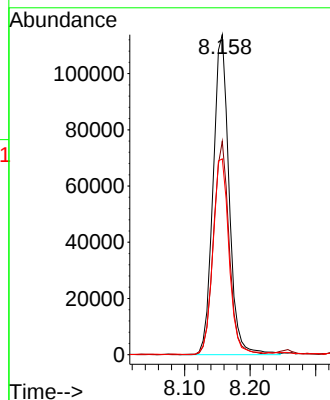
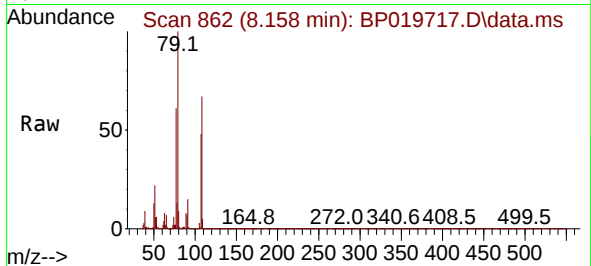




#15
Benzyl Alcohol
Concen: 42.839 ng
RT: 8.158 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

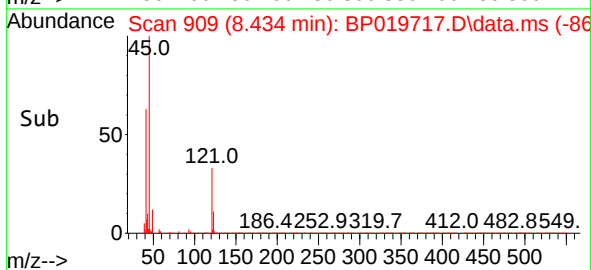
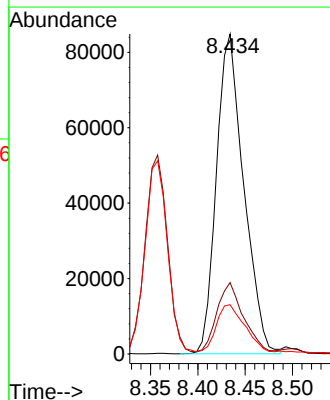
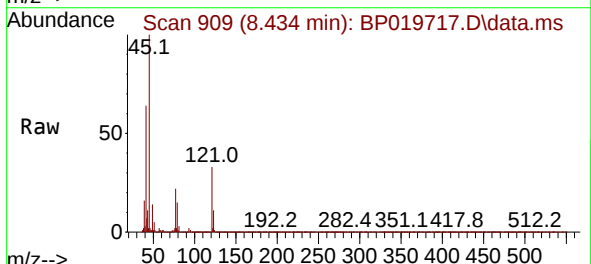
Instrument :
BNA_P
ClientSampleId :
PB158973BS

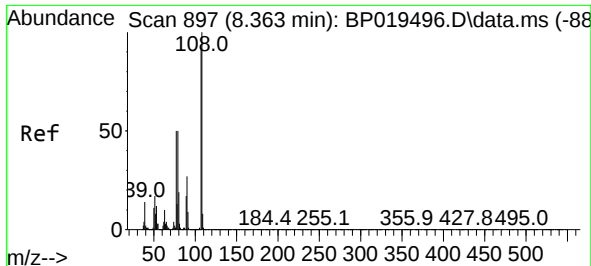
Tgt Ion: 79 Resp: 191802
Ion Ratio Lower Upper
79 100
108 66.7 53.8 80.6
77 61.2 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.169 ng
RT: 8.434 min Scan# 909
Delta R.T. -0.017 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

Tgt Ion: 45 Resp: 170192
Ion Ratio Lower Upper
45 100
77 22.3 0.8 40.8
79 15.4 0.0 35.5

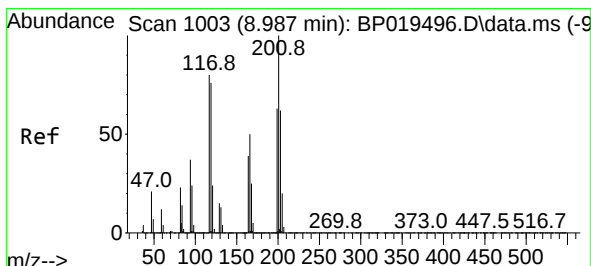
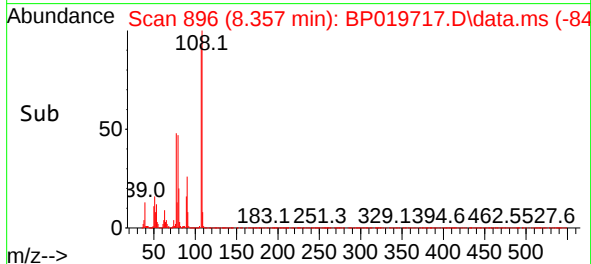
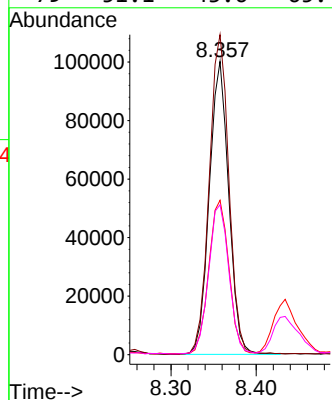
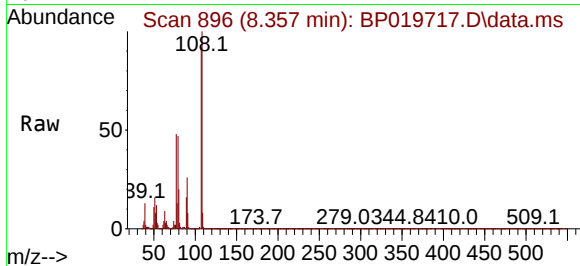




#17
2-Methylphenol
Concen: 42.142 ng
RT: 8.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

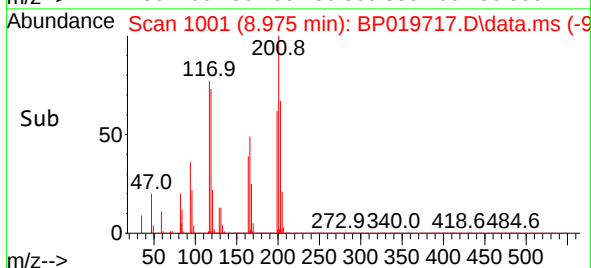
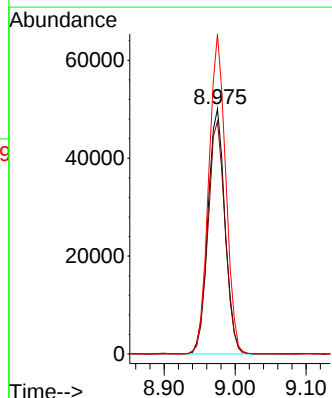
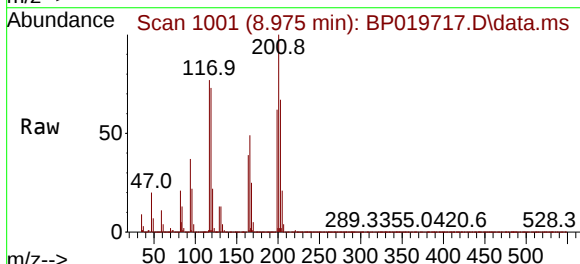
Instrument :
BNA_P
ClientSampleId :
PB158973BS

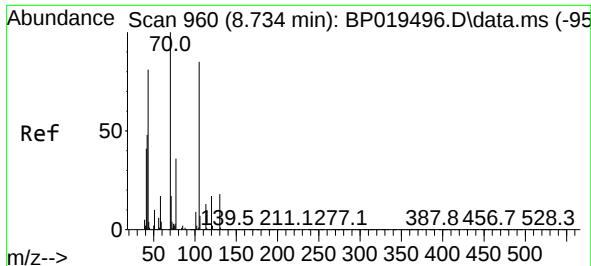
Tgt Ion:	107	Resp:	158457
Ion	Ratio	Lower	Upper
107	100		
108	109.1	87.0	130.6
77	52.6	43.5	65.3
79	51.1	43.6	65.4



#18
Hexachloroethane
Concen: 40.745 ng
RT: 8.975 min Scan# 1001
Delta R.T. -0.011 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

Tgt Ion:	117	Resp:	83537
Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.5	113.3
201	130.5	99.4	149.2

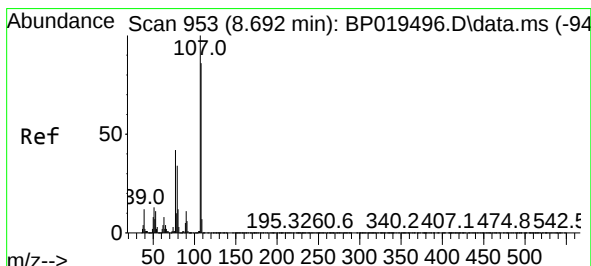
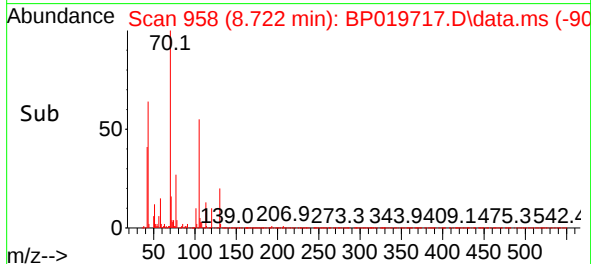
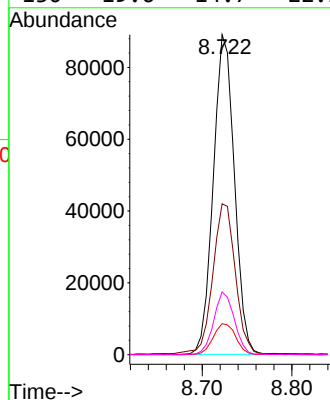
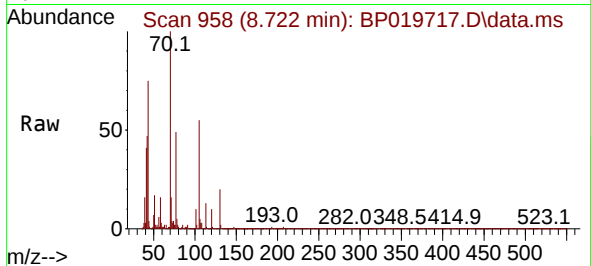




#19
n-Nitroso-di-n-propylamine
Concen: 38.053 ng
RT: 8.722 min Scan# 91
Delta R.T. -0.011 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

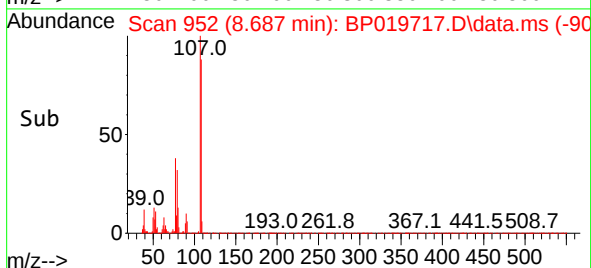
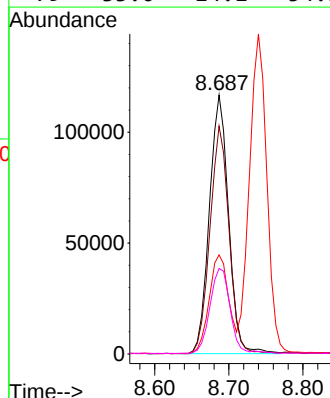
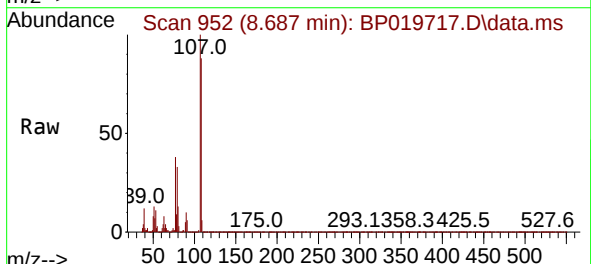
Instrument :
BNA_P
ClientSampleId :
PB158973BS

Tgt Ion: 70 Resp: 145647
Ion Ratio Lower Upper
70 100
42 47.2 39.2 58.8
101 9.7 7.3 10.9
130 19.6 14.7 22.1



#20
3+4-Methylphenols
Concen: 40.886 ng
RT: 8.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

Tgt Ion: 107 Resp: 209809
Ion Ratio Lower Upper
107 100
108 88.0 65.5 105.5
77 38.2 21.8 61.8
79 33.0 14.1 54.1



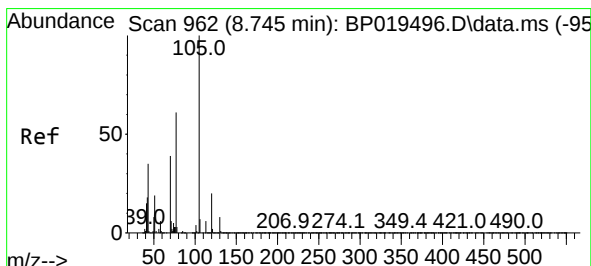
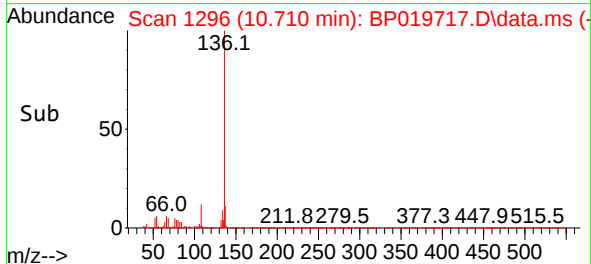
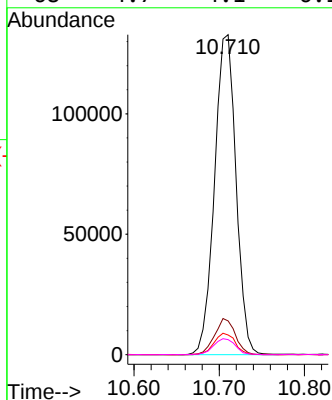
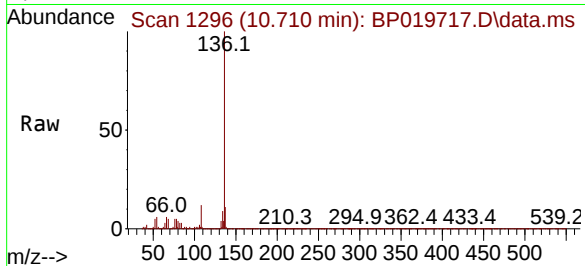


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

Instrument :
BNA_P
ClientSampleId :
PB158973BS

Tgt Ion:136 Resp: 232872

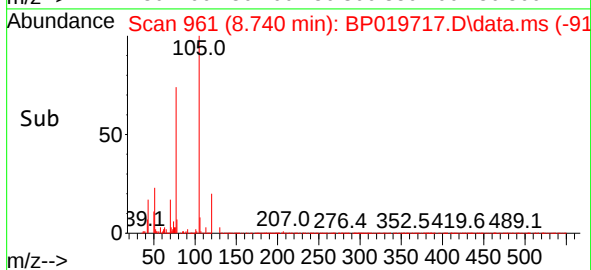
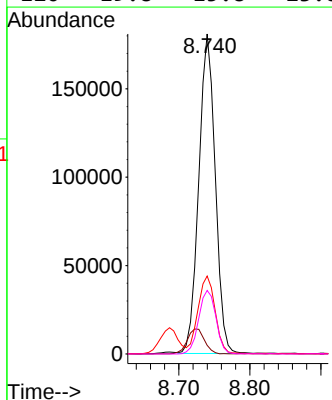
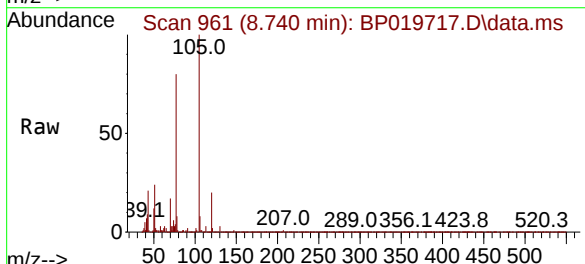
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.2	5.3	7.9
68	4.7	4.1	6.1

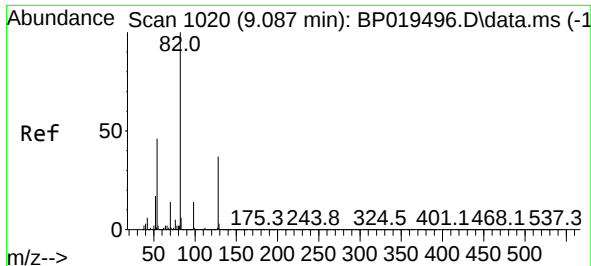


#22
Acetophenone
Concen: 44.048 ng
RT: 8.740 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

Tgt Ion:105 Resp: 292223

Ion	Ratio	Lower	Upper
105	100		
71	2.7	4.9	7.3#
51	24.3	20.7	31.1
120	19.8	15.8	23.8

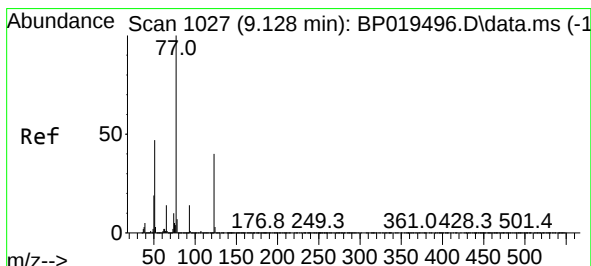
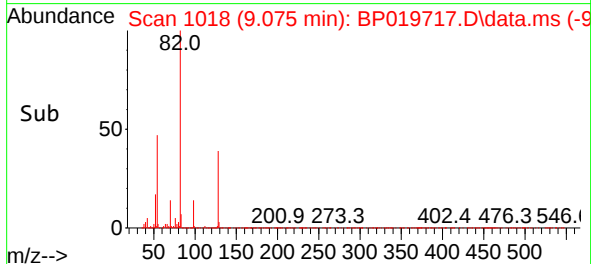
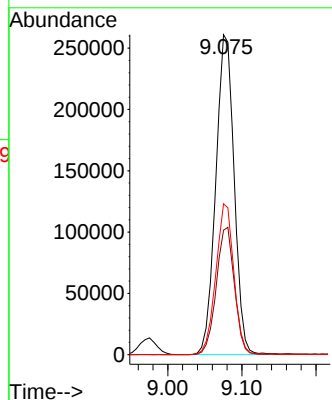
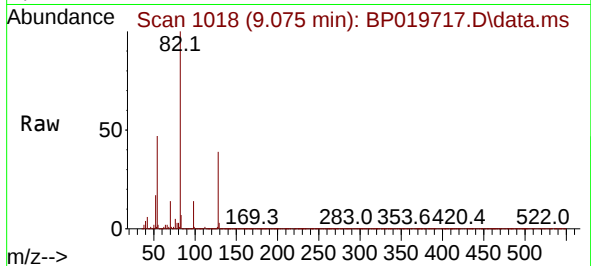




#23
Nitrobenzene-d5
Concen: 83.726 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.011 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

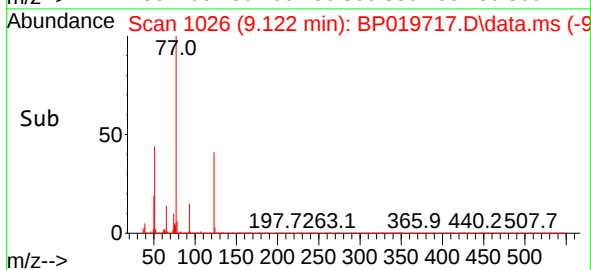
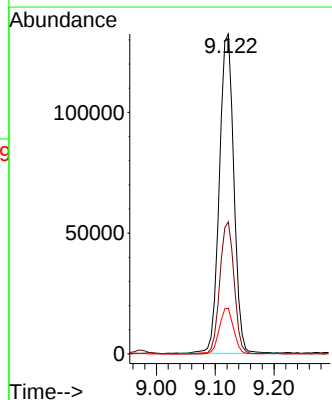
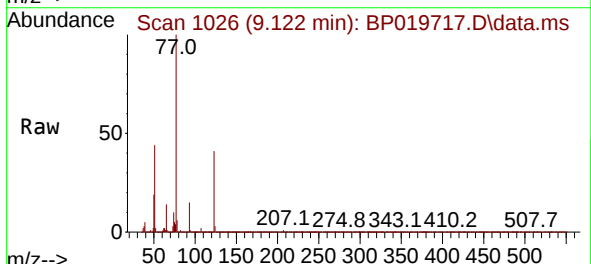
Instrument :
BNA_P
ClientSampleId :
PB158973BS

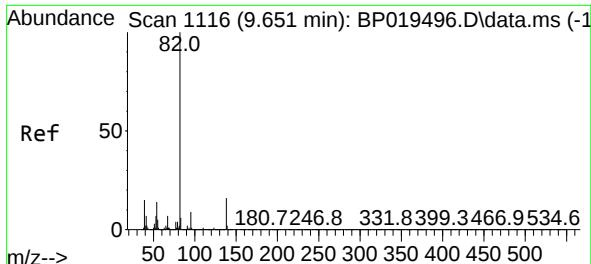
Tgt Ion: 82 Resp: 449959
Ion Ratio Lower Upper
82 100
128 38.9 29.7 44.5
54 47.1 36.8 55.2



#24
Nitrobenzene
Concen: 41.799 ng
RT: 9.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

Tgt Ion: 77 Resp: 226174
Ion Ratio Lower Upper
77 100
123 41.3 32.3 48.5
65 14.2 11.6 17.4

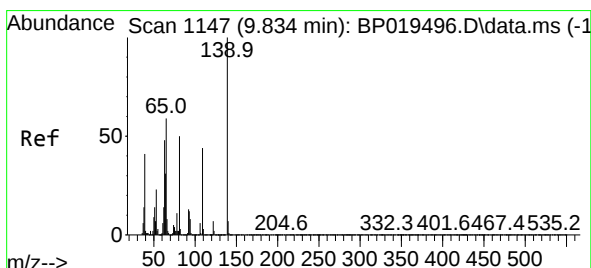
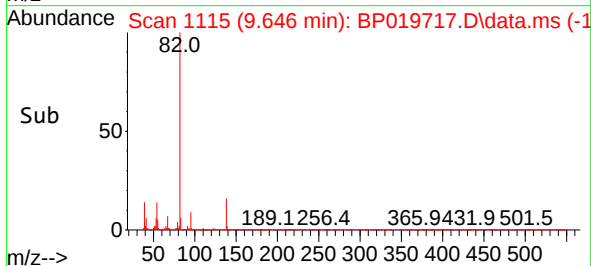
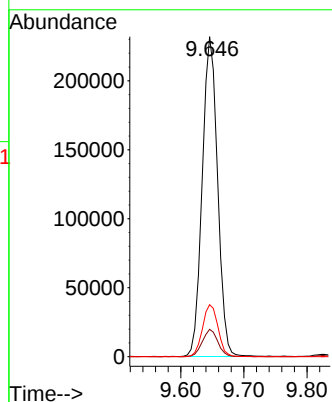
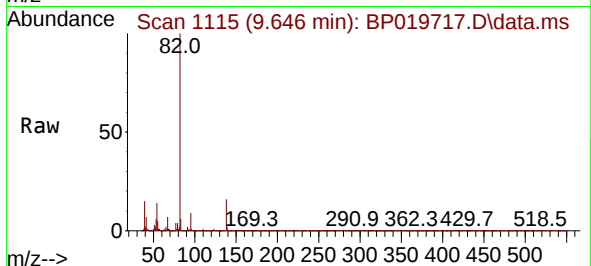




#25
Isophorone
Concen: 41.892 ng
RT: 9.646 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

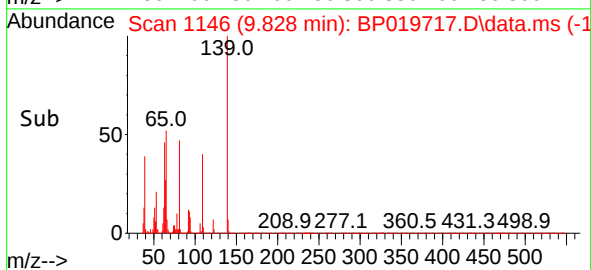
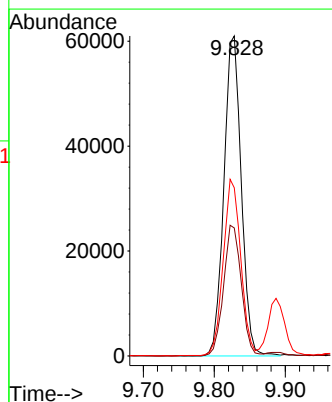
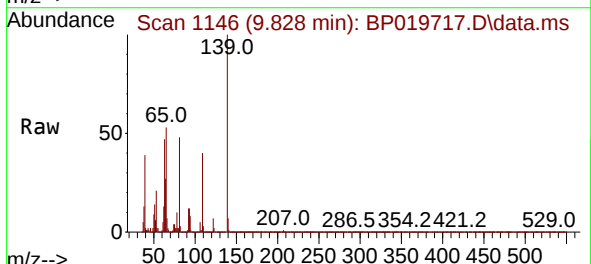
Instrument :
BNA_P
ClientSampleId :
PB158973BS

Tgt Ion: 82 Resp: 392089
Ion Ratio Lower Upper
82 100
95 8.6 7.0 10.4
138 16.3 13.1 19.7



#26
2-Nitrophenol
Concen: 50.138 ng
RT: 9.828 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

Tgt Ion:139 Resp: 103443
Ion Ratio Lower Upper
139 100
109 40.0 34.9 52.3
65 52.6 47.5 71.3





#27

2,4-Dimethylphenol

Concen: 52.746 ng

RT: 9.887 min Scan# 1156

Delta R.T. -0.011 min

Lab File: BP019717.D

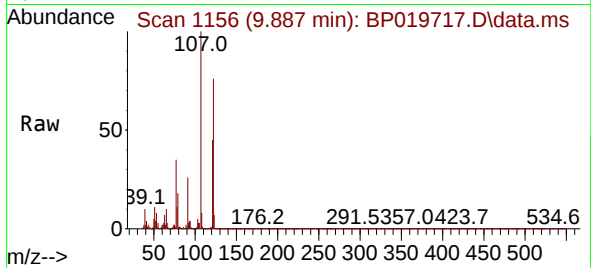
Acq: 15 Feb 2024 11:43

Instrument :

BNA_P

ClientSampleId :

PB158973BS



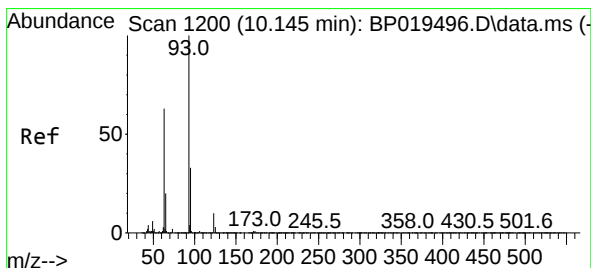
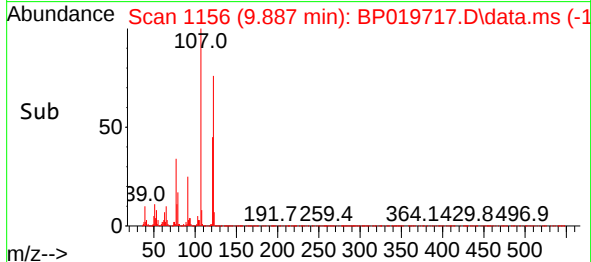
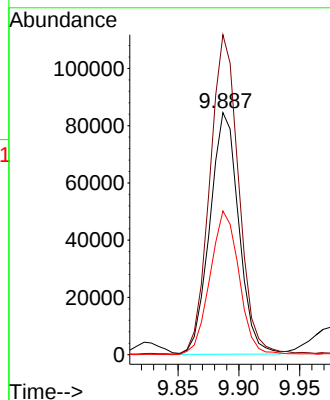
Tgt Ion:122 Resp: 139154

Ion Ratio Lower Upper

122 100

107 132.2 105.9 158.9

121 59.4 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 42.158 ng

RT: 10.134 min Scan# 1198

Delta R.T. -0.011 min

Lab File: BP019717.D

Acq: 15 Feb 2024 11:43

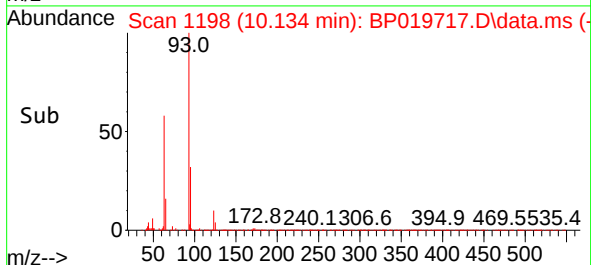
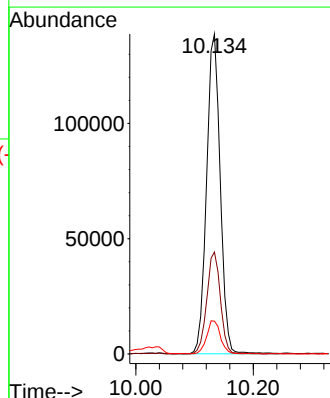
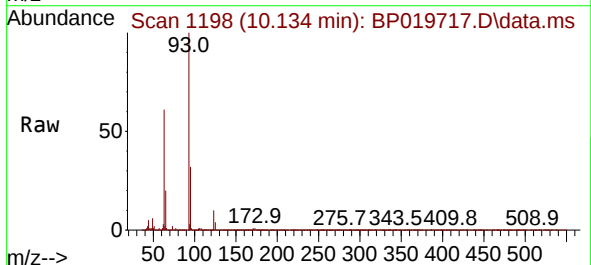
Tgt Ion: 93 Resp: 223248

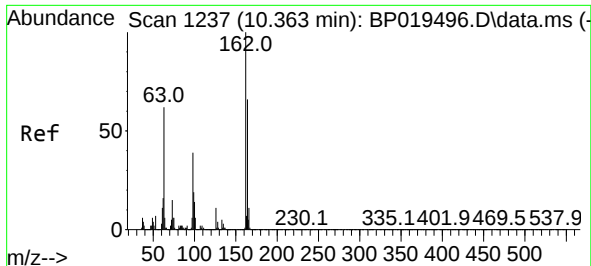
Ion Ratio Lower Upper

93 100

95 31.9 26.2 39.4

123 10.2 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 47.146 ng

RT: 10.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP019717.D

Acq: 15 Feb 2024 11:43

Instrument :

BNA_P

ClientSampleId :

PB158973BS

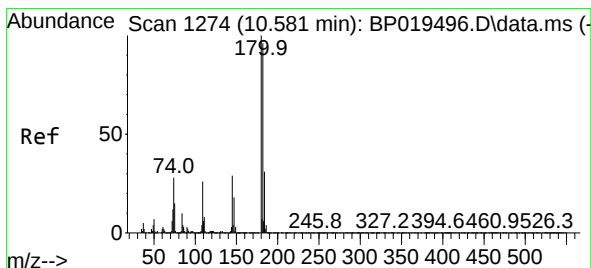
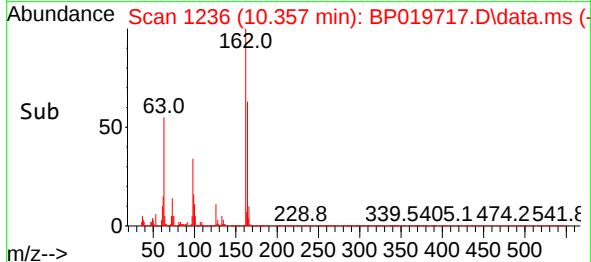
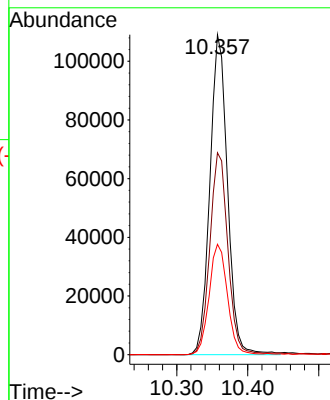
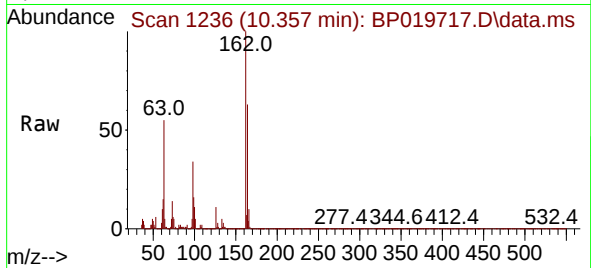
Tgt Ion:162 Resp: 188018

Ion Ratio Lower Upper

162 100

164 63.1 46.0 86.0

98 34.5 18.7 58.7



#30

1,2,4-Trichlorobenzene

Concen: 45.441 ng

RT: 10.569 min Scan# 1272

Delta R.T. -0.011 min

Lab File: BP019717.D

Acq: 15 Feb 2024 11:43

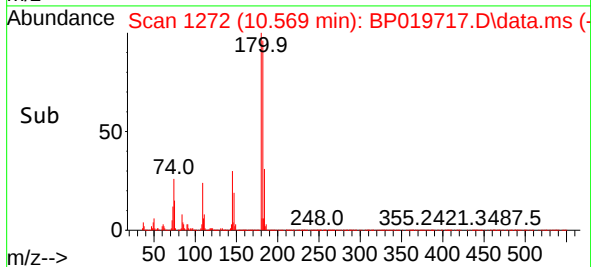
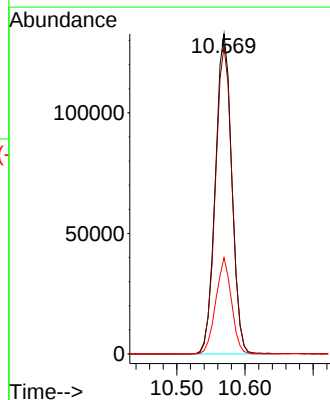
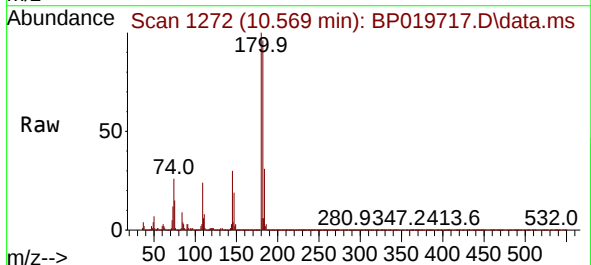
Tgt Ion:180 Resp: 222195

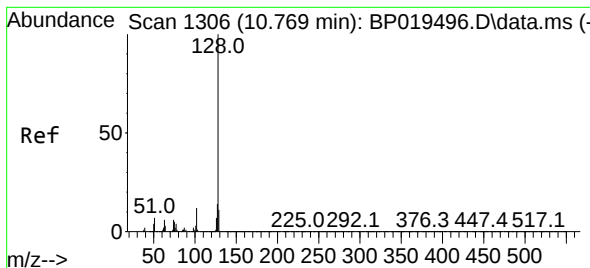
Ion Ratio Lower Upper

180 100

182 96.2 77.0 115.6

145 30.1 23.2 34.8

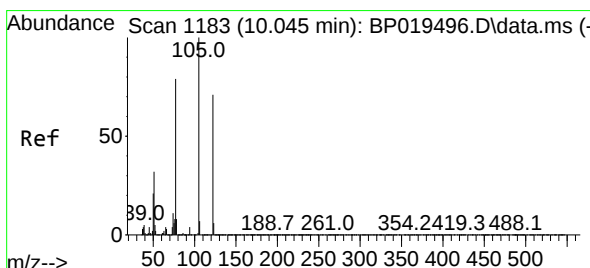
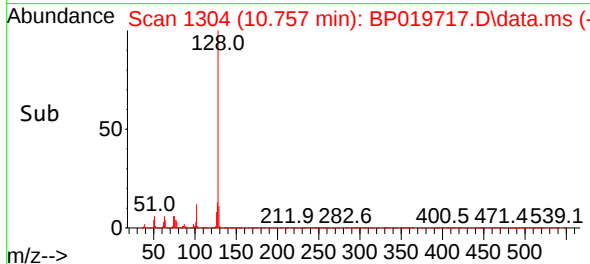
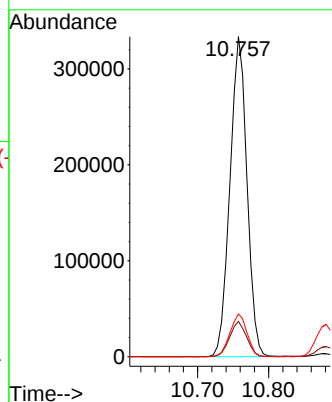
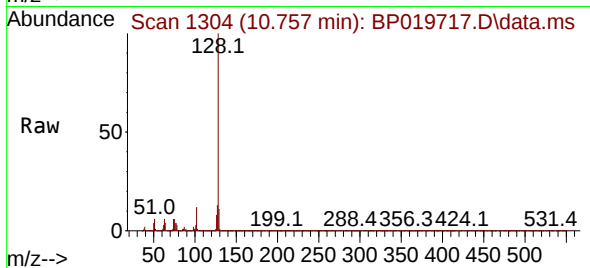




#31
Naphthalene
Concen: 43.511 ng
RT: 10.757 min Scan# 111
Delta R.T. -0.011 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

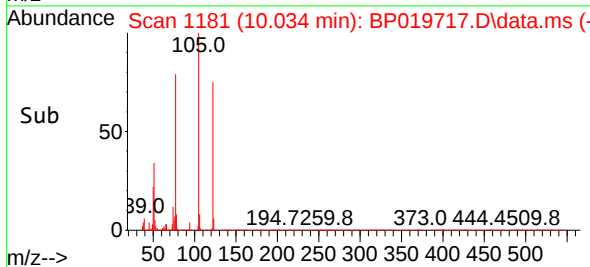
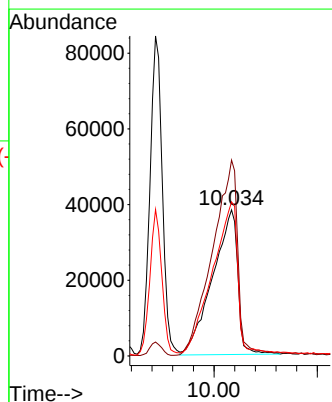
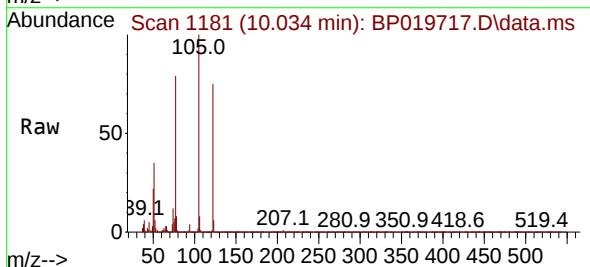
Instrument :
BNA_P
ClientSampleId :
PB158973BS

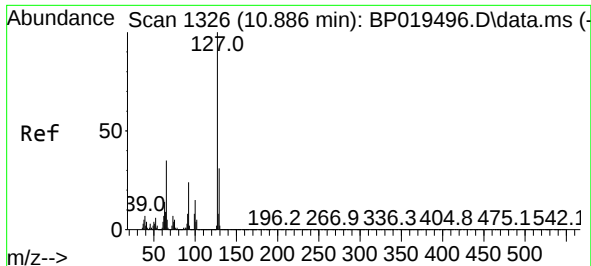
Tgt Ion:128 Resp: 555723
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 50.224 ng
RT: 10.034 min Scan# 1181
Delta R.T. -0.011 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

Tgt Ion:122 Resp: 129096
Ion Ratio Lower Upper
122 100
105 134.0 118.8 158.8
77 105.5 91.7 131.7

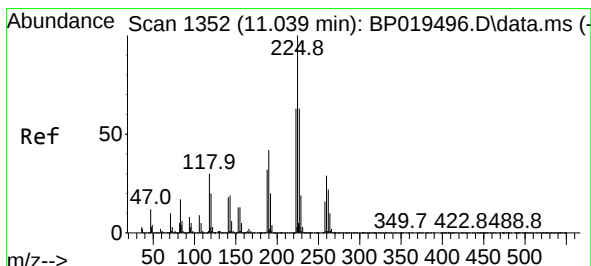
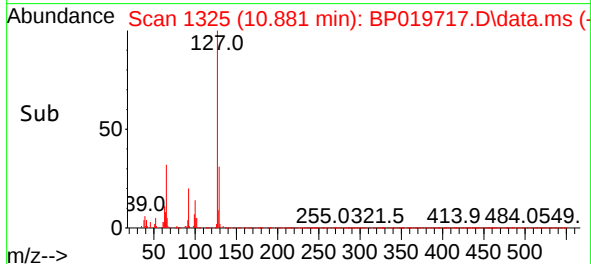
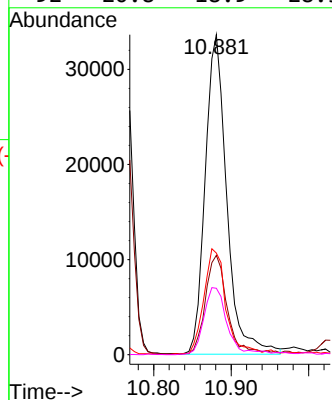
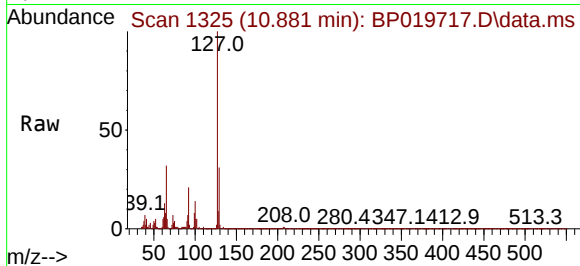




#33
4-Chloroaniline
Concen: 13.765 ng
RT: 10.881 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

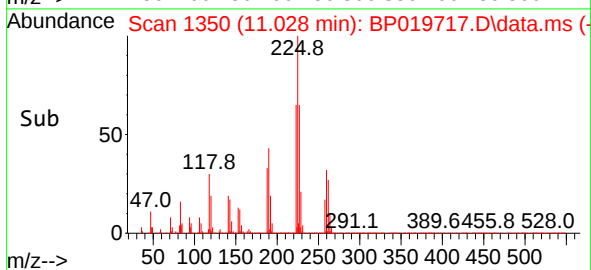
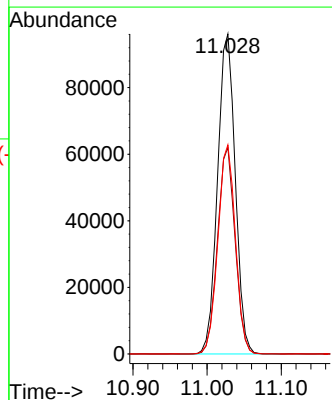
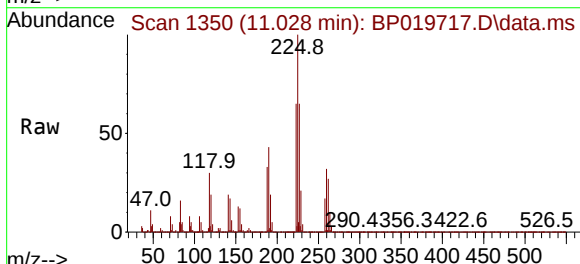
Instrument :
BNA_P
ClientSampleId :
PB158973BS

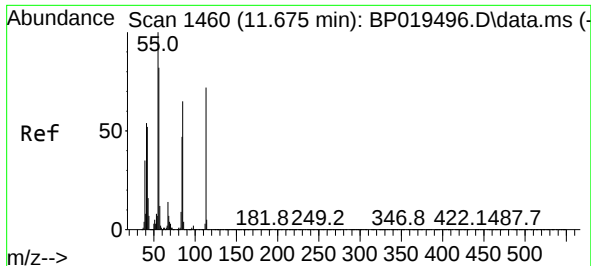
Tgt Ion:	127	Resp:	65014
Ion	Ratio	Lower	Upper
127	100		
129	31.1	24.6	36.8
65	31.8	28.2	42.4
92	20.8	18.9	28.3



#34
Hexachlorobutadiene
Concen: 43.998 ng
RT: 11.028 min Scan# 1350
Delta R.T. -0.011 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

Tgt Ion:	225	Resp:	159427
Ion	Ratio	Lower	Upper
225	100		
223	64.6	50.5	75.7
227	65.3	50.2	75.2

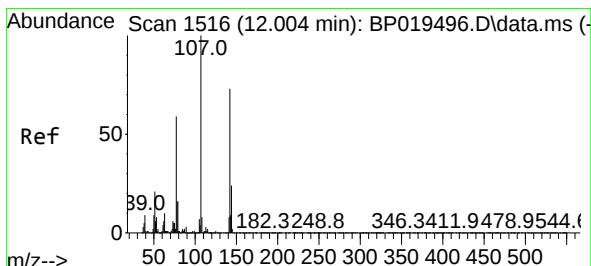
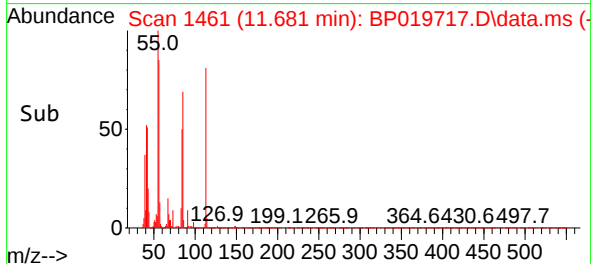
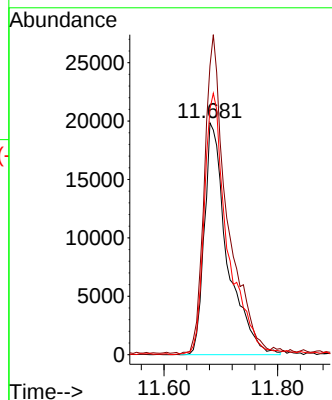
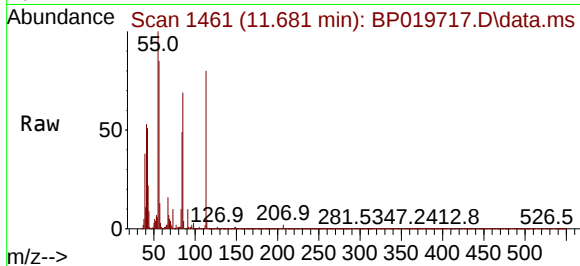




#35
Caprolactam
Concen: 49.159 ng
RT: 11.681 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

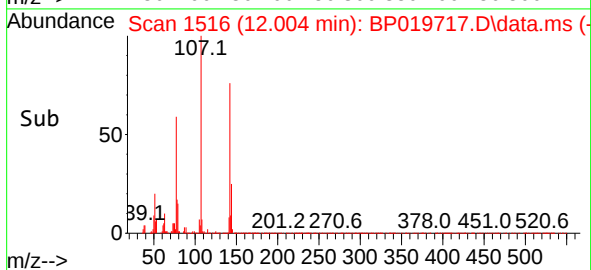
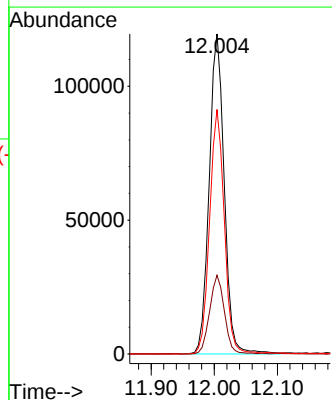
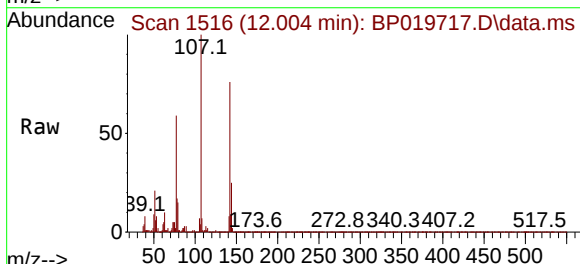
Instrument :
BNA_P
ClientSampleId :
PB158973BS

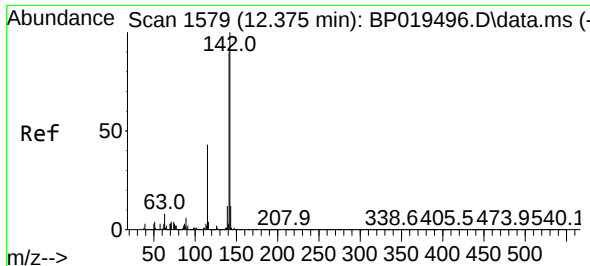
Tgt Ion:113 Resp: 55500
Ion Ratio Lower Upper
113 100
55 124.6 120.0 160.0
56 106.0 94.0 134.0



#36
4-Chloro-3-methylphenol
Concen: 45.585 ng
RT: 12.004 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

Tgt Ion:107 Resp: 198224
Ion Ratio Lower Upper
107 100
144 24.6 19.0 28.4
142 76.4 58.6 88.0

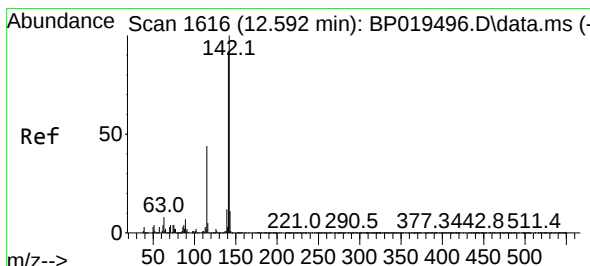
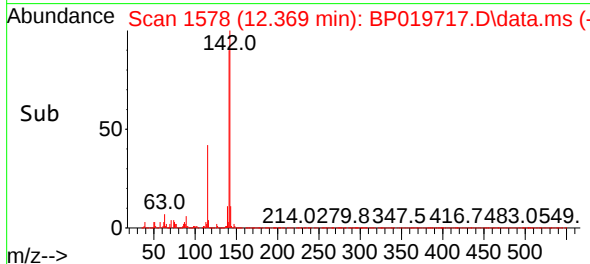
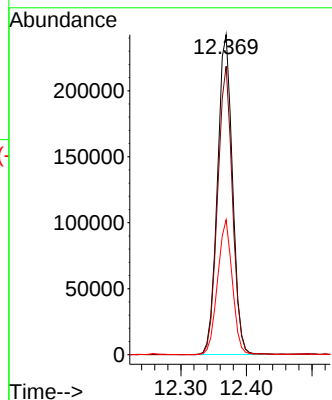
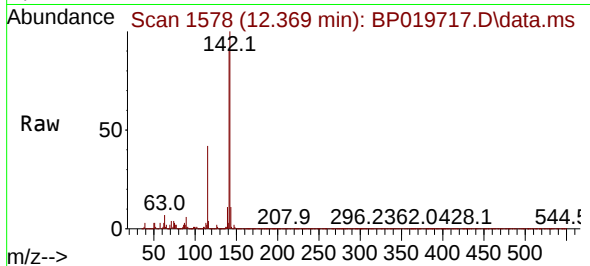




#37
2-Methylnaphthalene
Concen: 43.514 ng
RT: 12.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

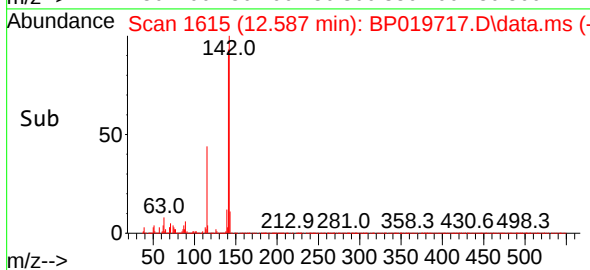
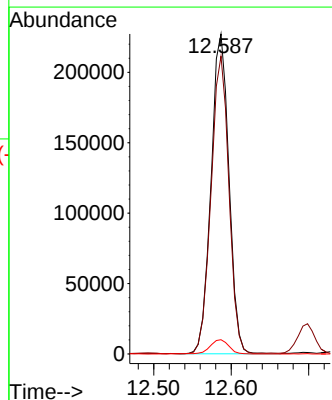
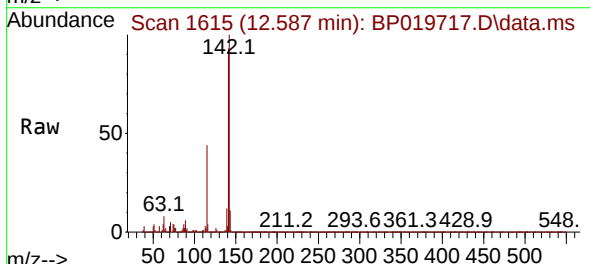
Instrument :
BNA_P
ClientSampleId :
PB158973BS

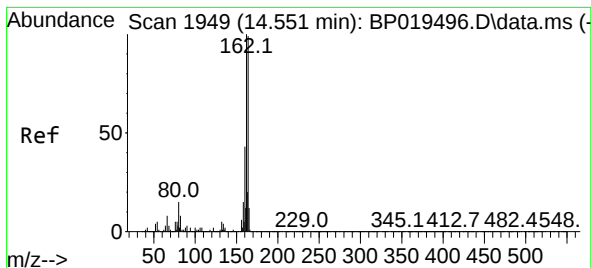
Tgt Ion:142 Resp: 384613
Ion Ratio Lower Upper
142 100
141 90.1 72.2 108.4
115 42.1 34.2 51.2



#38
1-Methylnaphthalene
Concen: 41.975 ng
RT: 12.587 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

Tgt Ion:142 Resp: 364595
Ion Ratio Lower Upper
142 100
141 93.1 74.0 111.0
116 4.5 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.540 min Scan# 14

Delta R.T. -0.011 min

Lab File: BP019717.D

Acq: 15 Feb 2024 11:43

Instrument :

BNA_P

ClientSampleId :

PB158973BS

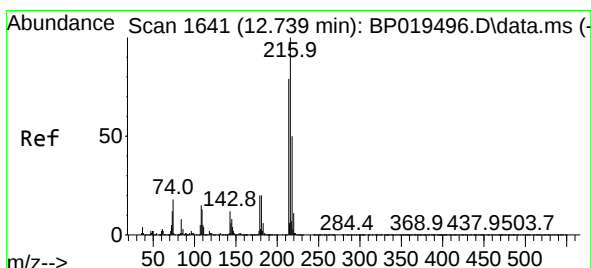
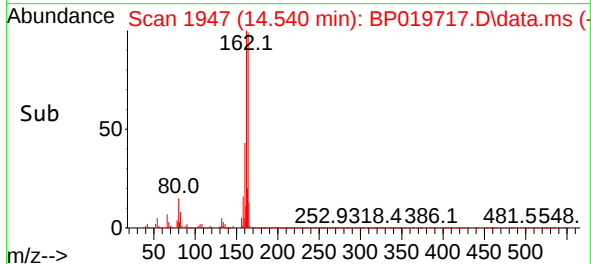
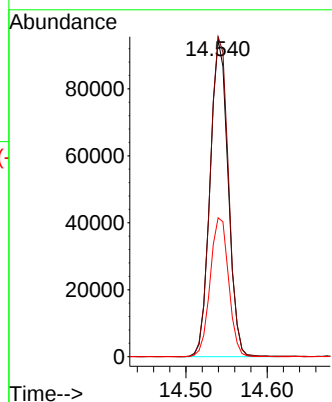
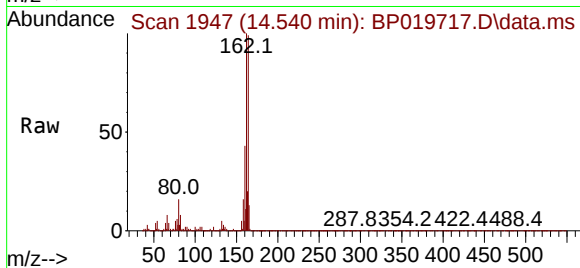
Tgt Ion:164 Resp: 145897

Ion Ratio Lower Upper

164 100

162 101.0 81.2 121.8

160 43.8 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.407 ng

RT: 12.728 min Scan# 1639

Delta R.T. -0.011 min

Lab File: BP019717.D

Acq: 15 Feb 2024 11:43

Tgt Ion:216 Resp: 272373

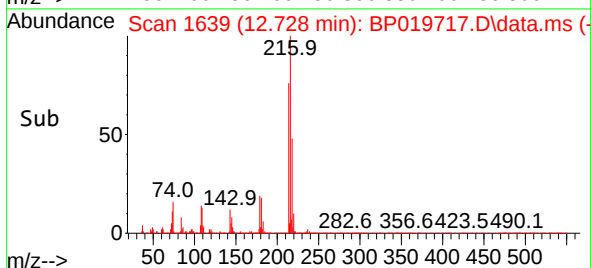
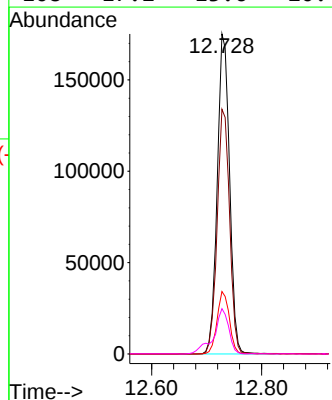
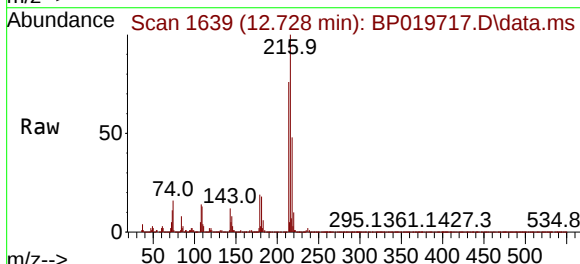
Ion Ratio Lower Upper

216 100

214 77.3 62.8 94.2

179 19.4 16.6 24.8

108 17.2 13.6 20.4

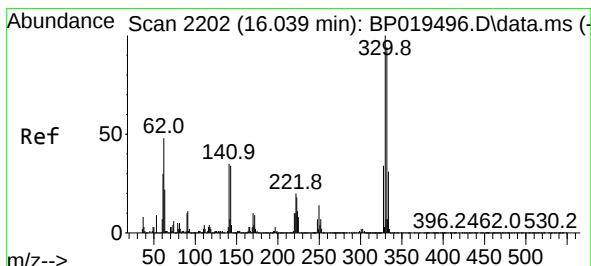
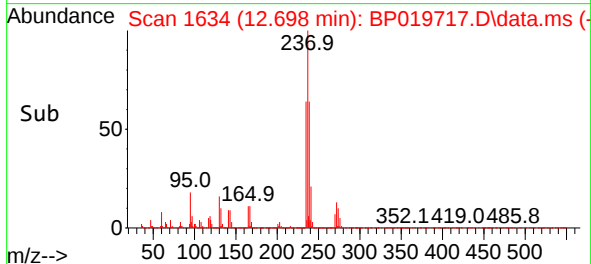
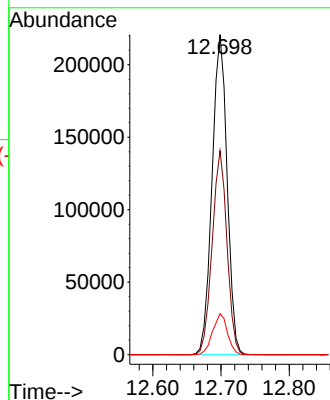
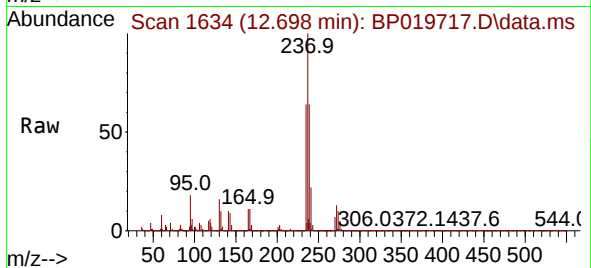




#41
Hexachlorocyclopentadiene
Concen: 133.311 ng
RT: 12.698 min Scan# 1634
Delta R.T. -0.011 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

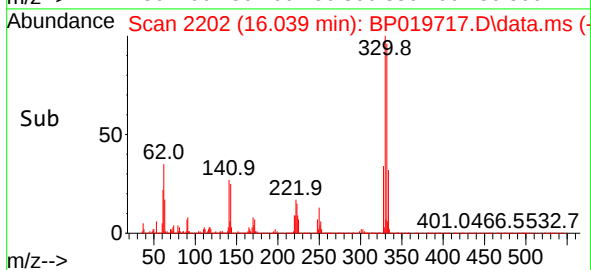
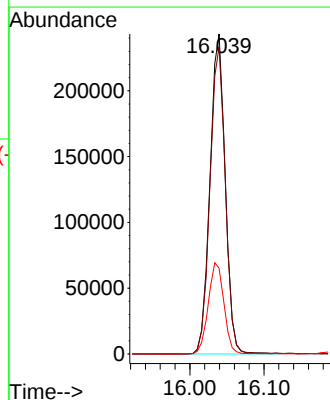
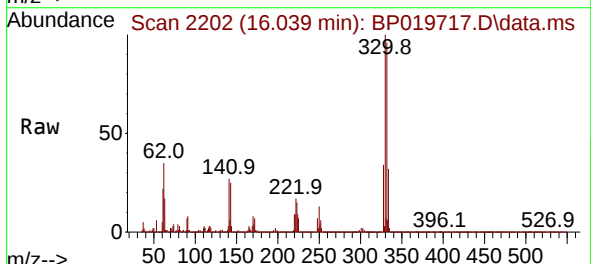
Instrument :
BNA_P
ClientSampleId :
PB158973BS

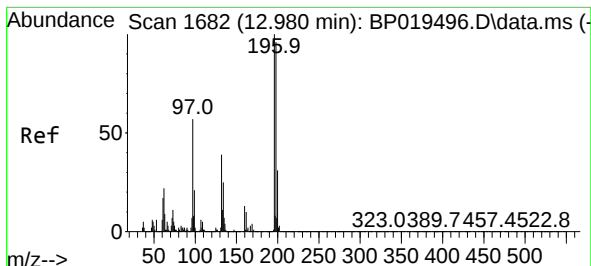
Tgt Ion:237 Resp: 338858
Ion Ratio Lower Upper
237 100
235 63.8 43.7 83.7
272 12.8 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 162.639 ng
RT: 16.039 min Scan# 2202
Delta R.T. 0.000 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

Tgt Ion:330 Resp: 346454
Ion Ratio Lower Upper
330 100
332 96.7 77.2 115.8
141 29.5 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 48.997 ng

RT: 12.975 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019717.D

Acq: 15 Feb 2024 11:43

Instrument :

BNA_P

ClientSampleId :

PB158973BS

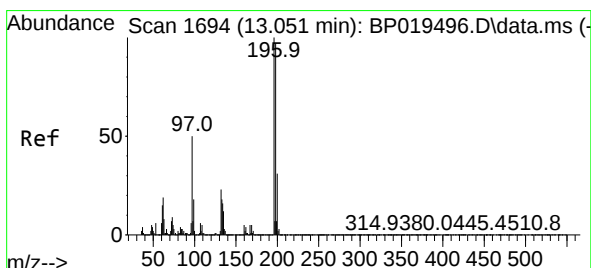
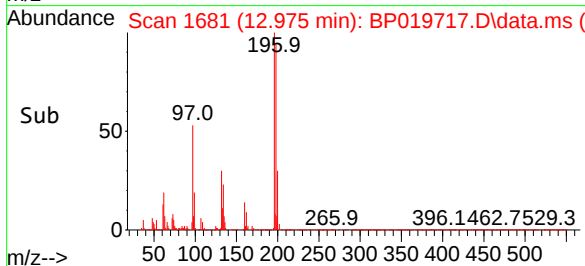
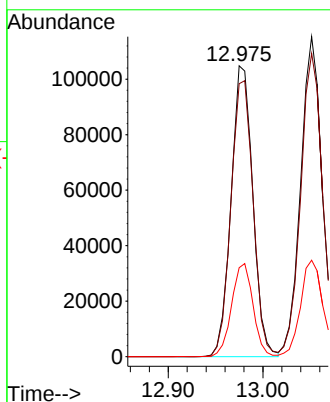
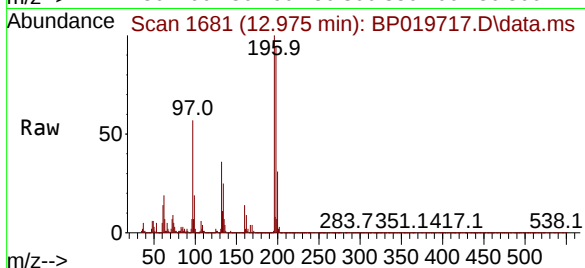
Tgt Ion:196 Resp: 166938

Ion Ratio Lower Upper

196 100

198 93.8 76.7 115.1

200 30.6 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 48.401 ng

RT: 13.051 min Scan# 1694

Delta R.T. 0.000 min

Lab File: BP019717.D

Acq: 15 Feb 2024 11:43

Tgt Ion:196 Resp: 181080

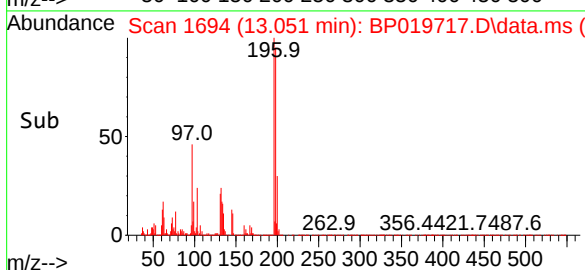
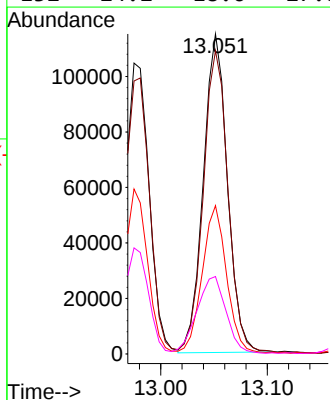
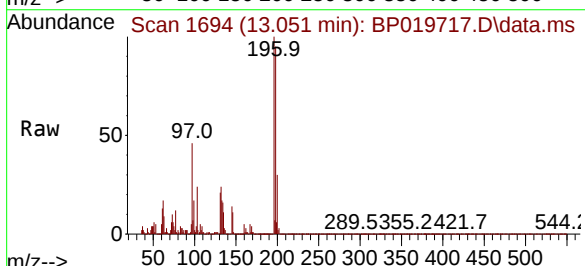
Ion Ratio Lower Upper

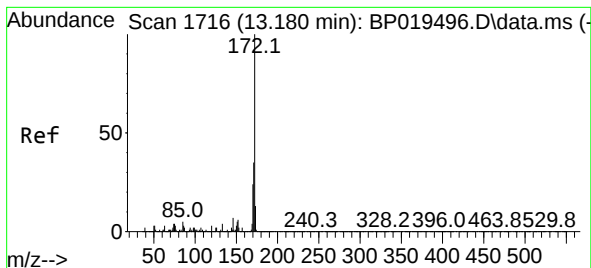
196 100

198 94.7 77.5 116.3

97 46.4 39.9 59.9

132 24.2 18.6 27.8

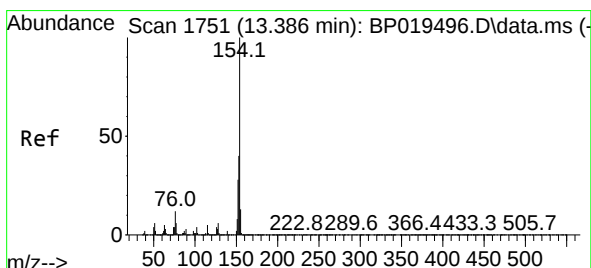
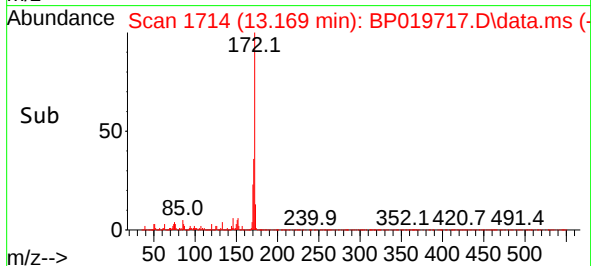
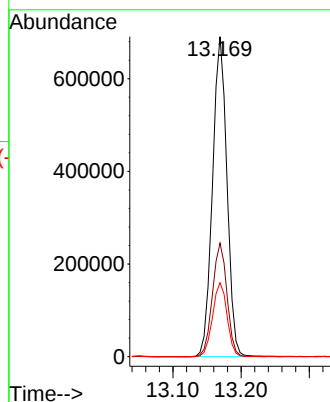
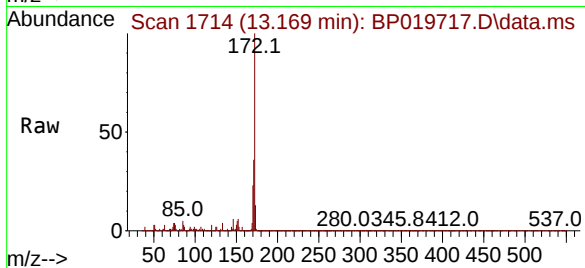




#45
2-Fluorobiphenyl
Concen: 86.362 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.011 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

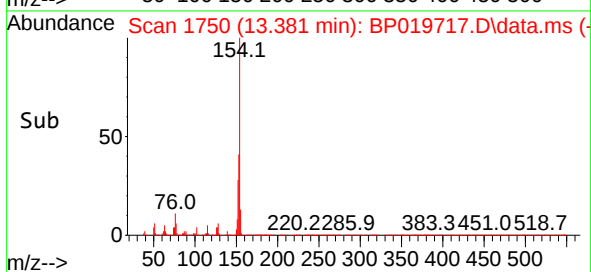
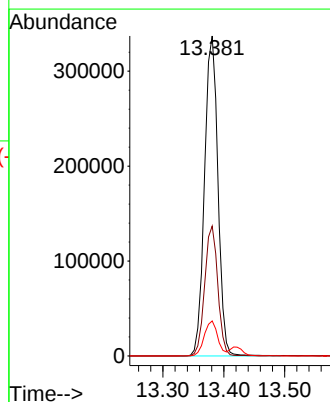
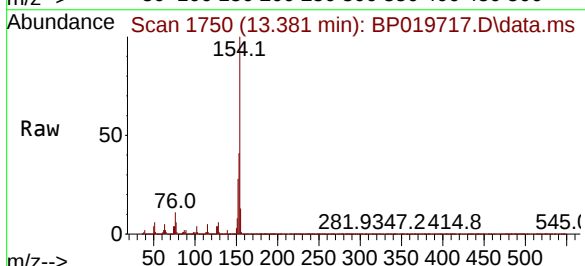
Instrument :
BNA_P
ClientSampleId :
PB158973BS

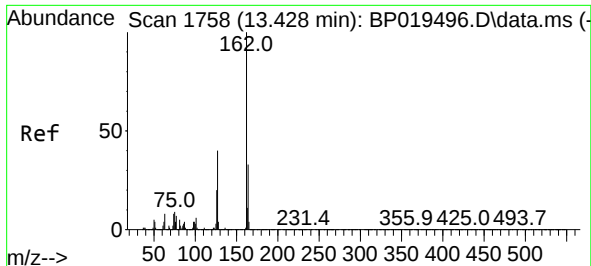
Tgt Ion:172 Resp: 1019227
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 23.1 18.9 28.3



#46
1,1'-Biphenyl
Concen: 44.391 ng
RT: 13.381 min Scan# 1750
Delta R.T. -0.006 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

Tgt Ion:154 Resp: 516906
Ion Ratio Lower Upper
154 100
153 40.6 20.2 60.2
76 11.0 0.0 31.6

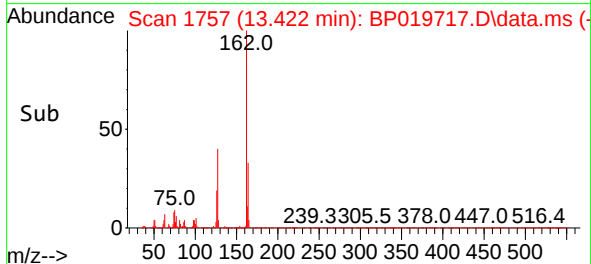
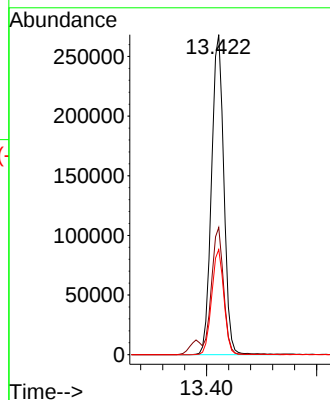
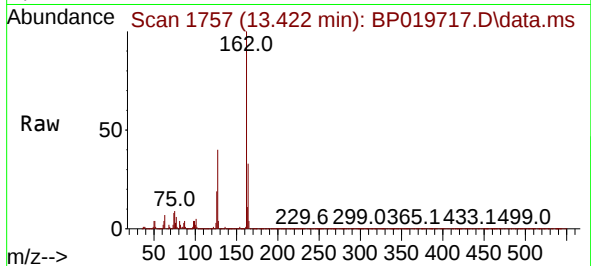




#47
2-Chloronaphthalene
Concen: 43.712 ng
RT: 13.422 min Scan# 1757
Delta R.T. -0.006 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

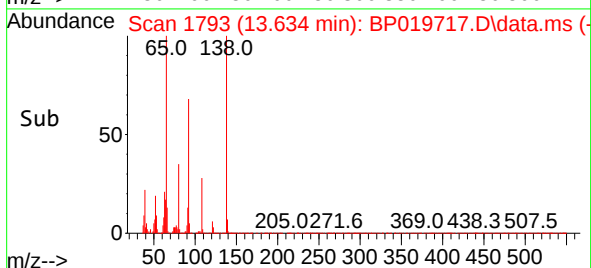
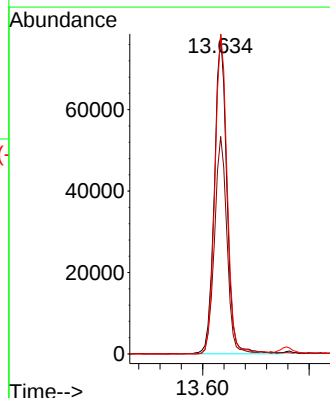
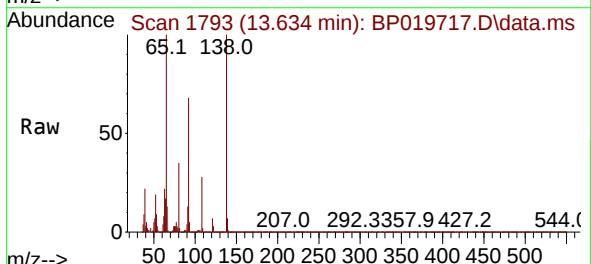
Instrument :
BNA_P
ClientSampleId :
PB158973BS

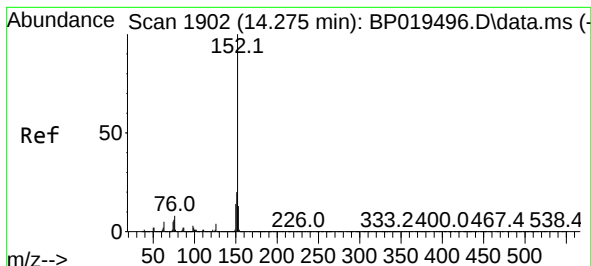
Tgt Ion:162 Resp: 417831
Ion Ratio Lower Upper
162 100
127 39.8 32.1 48.1
164 32.8 26.7 40.1



#48
2-Nitroaniline
Concen: 47.635 ng
RT: 13.634 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

Tgt Ion: 65 Resp: 127321
Ion Ratio Lower Upper
65 100
92 68.1 54.7 82.1
138 100.2 77.8 116.6





#49

Acenaphthylene

Concen: 48.994 ng

RT: 14.263 min Scan# 1902

Delta R.T. -0.011 min

Lab File: BP019717.D

Acq: 15 Feb 2024 11:43

Instrument :

BNA_P

ClientSampleId :

PB158973BS

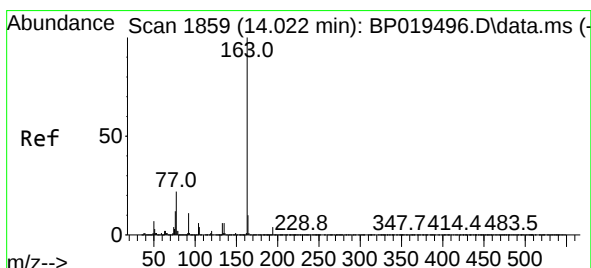
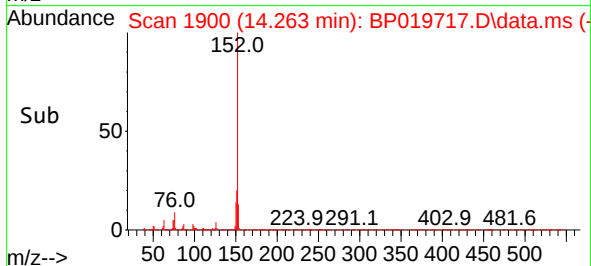
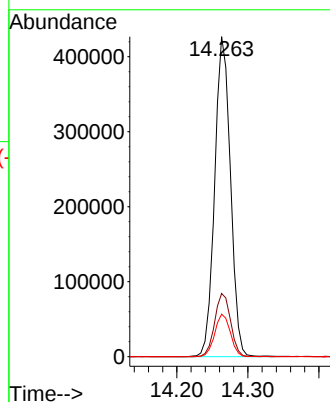
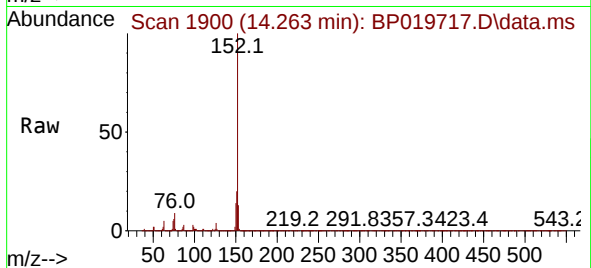
Tgt Ion:152 Resp: 657041

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

153 13.3 10.6 15.8



#50

Dimethylphthalate

Concen: 46.191 ng

RT: 14.010 min Scan# 1857

Delta R.T. -0.011 min

Lab File: BP019717.D

Acq: 15 Feb 2024 11:43

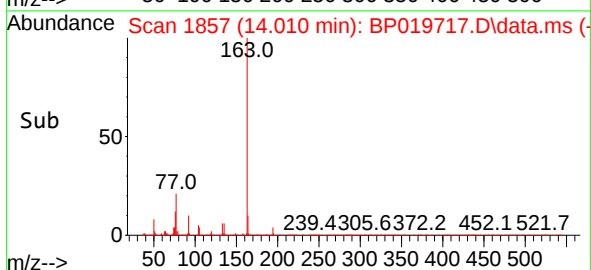
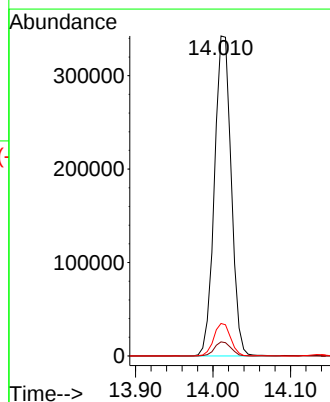
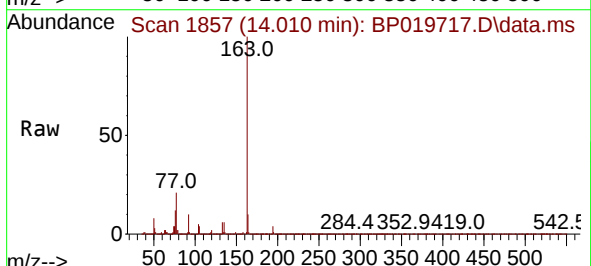
Tgt Ion:163 Resp: 515895

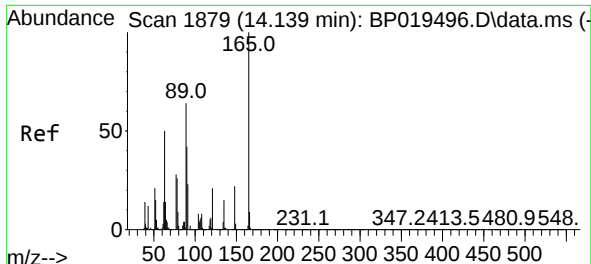
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

164 10.1 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 47.447 ng

RT: 14.134 min Scan# 1879

Delta R.T. -0.006 min

Lab File: BP019717.D

Acq: 15 Feb 2024 11:43

Instrument :

BNA_P

ClientSampleId :

PB158973BS

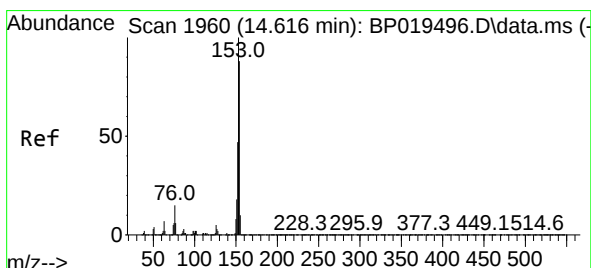
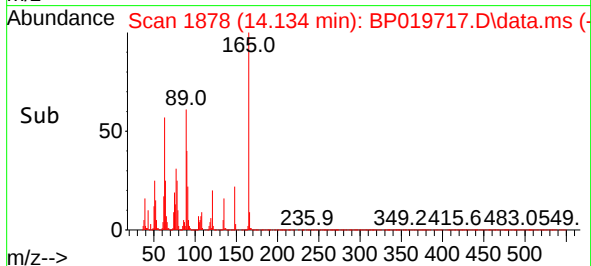
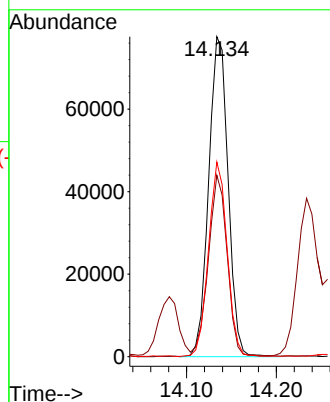
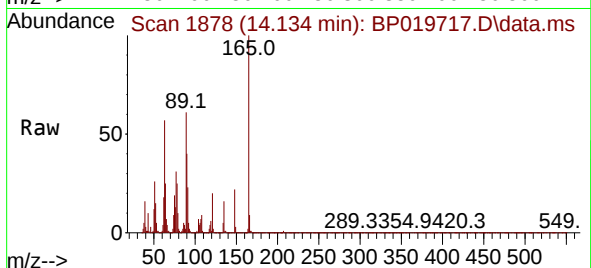
Tgt Ion:165 Resp: 116429

Ion Ratio Lower Upper

165 100

63 56.7 50.4 75.6

89 60.8 51.7 77.5



#52

Acenaphthene

Concen: 44.182 ng

RT: 14.604 min Scan# 1958

Delta R.T. -0.011 min

Lab File: BP019717.D

Acq: 15 Feb 2024 11:43

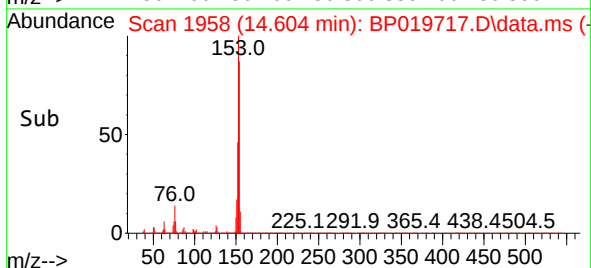
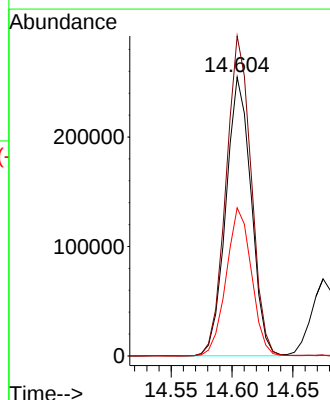
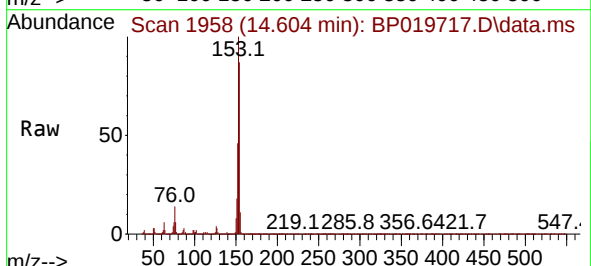
Tgt Ion:154 Resp: 367740

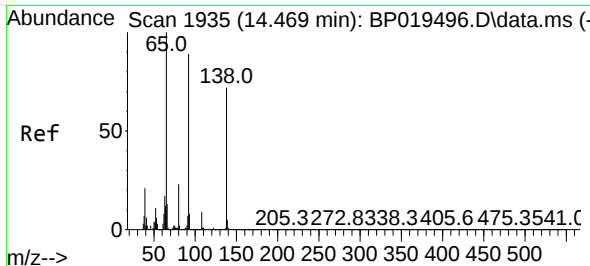
Ion Ratio Lower Upper

154 100

153 114.7 90.5 135.7

152 53.1 42.1 63.1

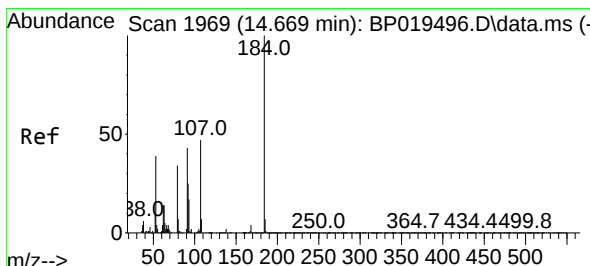
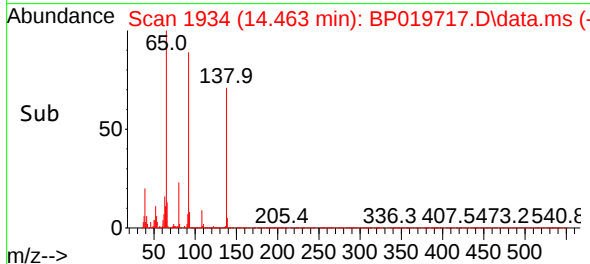
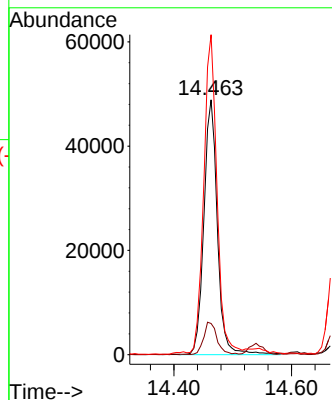
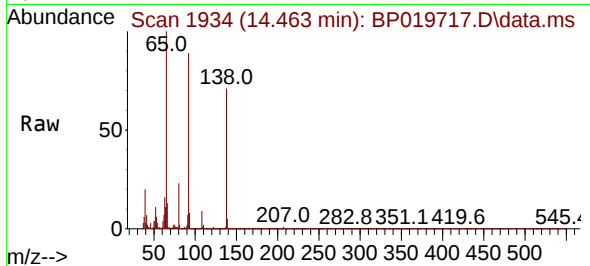




#53
3-Nitroaniline
Concen: 34.712 ng
RT: 14.463 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

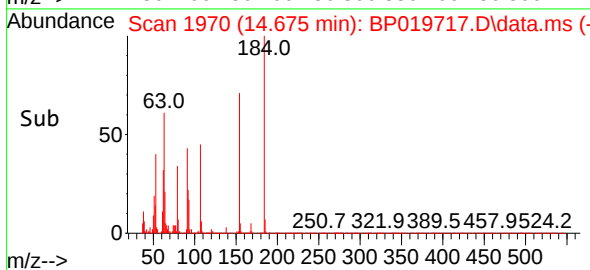
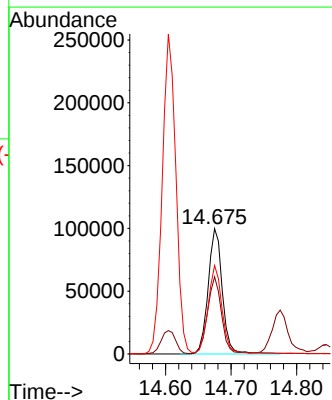
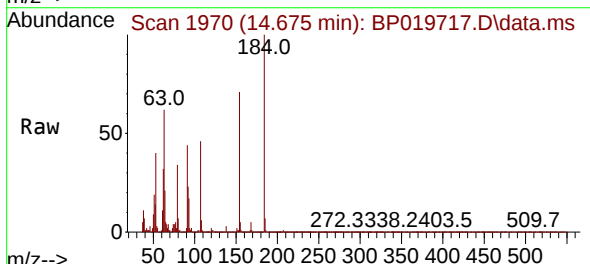
Instrument :
BNA_P
ClientSampleId :
PB158973BS

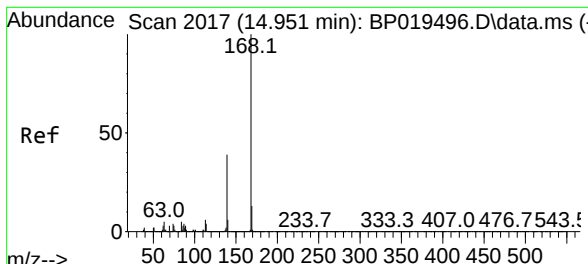
Tgt Ion:138 Resp: 78279
Ion Ratio Lower Upper
138 100
108 12.3 9.7 14.5
92 125.5 98.0 147.0



#54
2,4-Dinitrophenol
Concen: 118.282 ng
RT: 14.675 min Scan# 1970
Delta R.T. 0.006 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

Tgt Ion:184 Resp: 150700
Ion Ratio Lower Upper
184 100
63 61.6 50.5 75.7
154 70.6 53.4 80.0

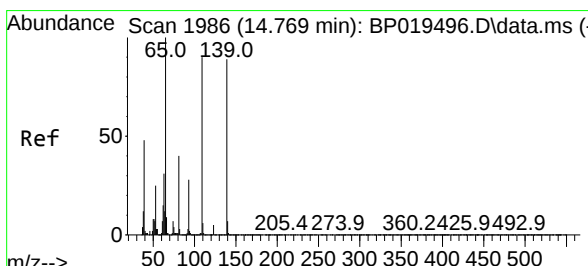
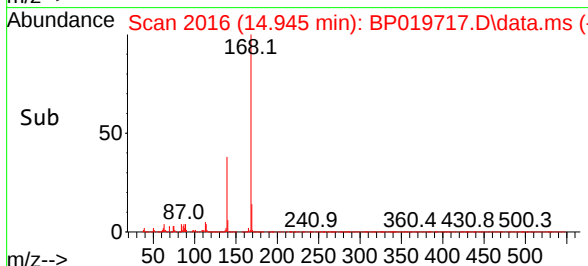
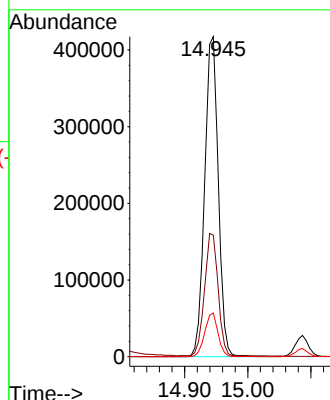
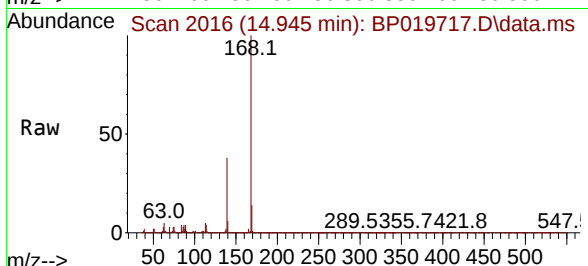




#55
Dibenzenofuran
Concen: 46.258 ng
RT: 14.945 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

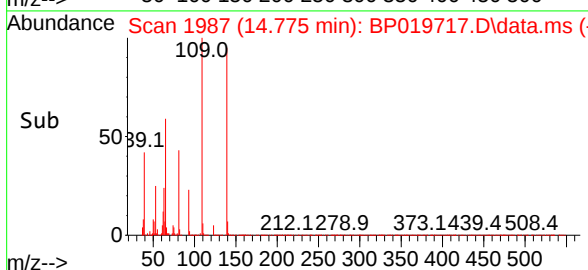
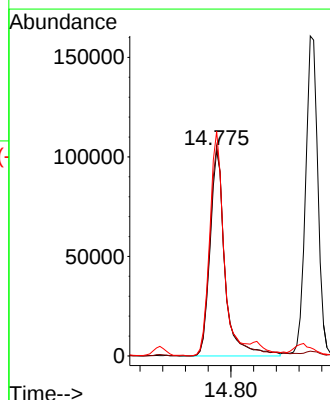
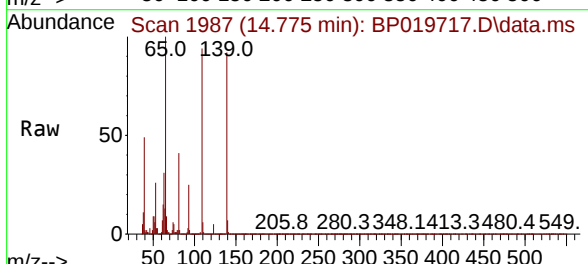
Instrument :
BNA_P
ClientSampleId :
PB158973BS

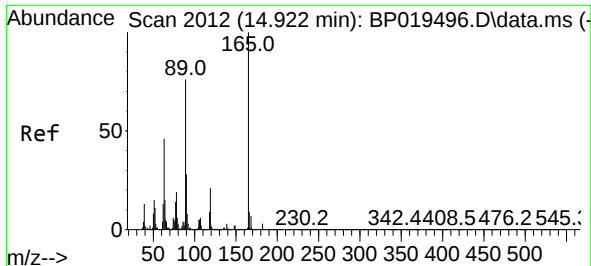
Tgt Ion:168 Resp: 627093
Ion Ratio Lower Upper
168 100
139 38.0 31.5 47.3
169 13.6 10.3 15.5



#56
4-Nitrophenol
Concen: 101.682 ng
RT: 14.775 min Scan# 1987
Delta R.T. 0.006 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

Tgt Ion:139 Resp: 187947
Ion Ratio Lower Upper
139 100
109 102.2 82.0 122.0
65 109.2 92.9 132.9



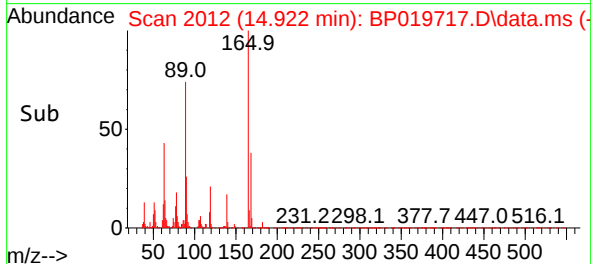
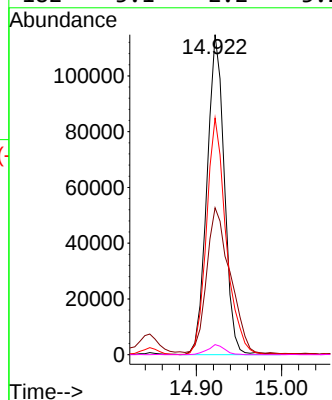
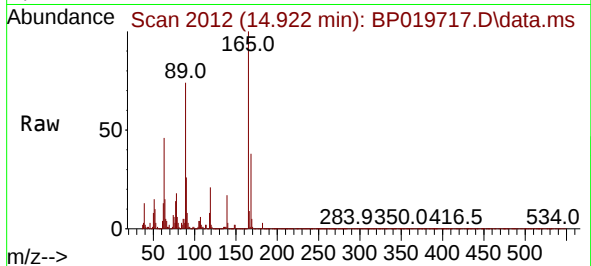


#57
2,4-Dinitrotoluene
Concen: 50.602 ng
RT: 14.922 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

Instrument :
BNA_P
ClientSampleId :
PB158973BS

Tgt Ion:165 Resp: 162718

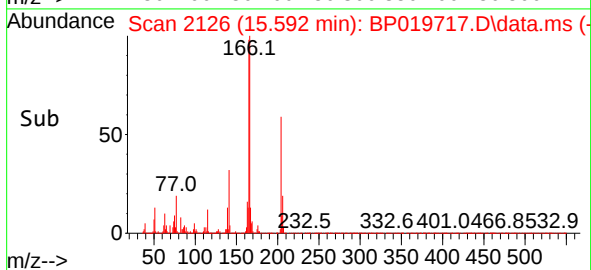
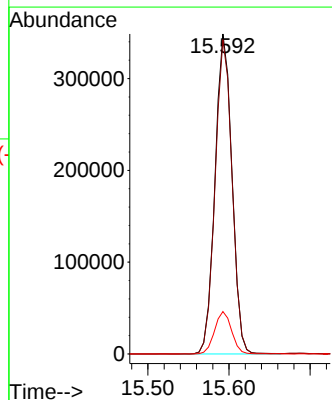
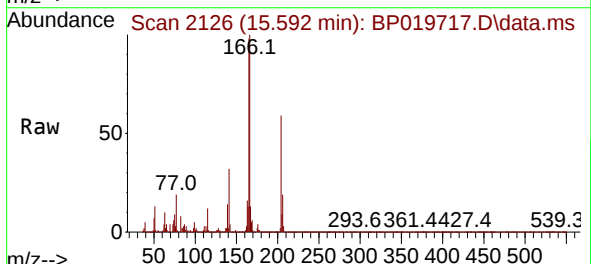
Ion	Ratio	Lower	Upper
165	100		
63	45.9	36.9	55.3
89	73.9	61.1	91.7
182	3.1	2.2	3.2

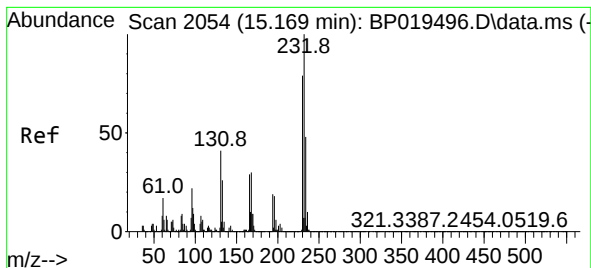


#58
Fluorene
Concen: 46.916 ng
RT: 15.592 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

Tgt Ion:166 Resp: 506559

Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.8	116.8
167	13.2	10.7	16.1



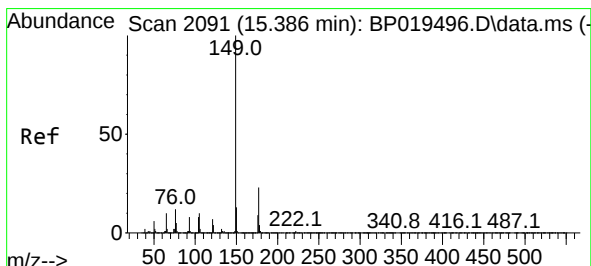
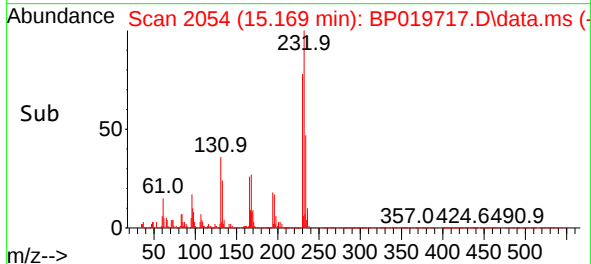
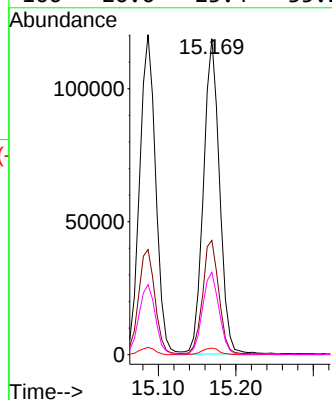
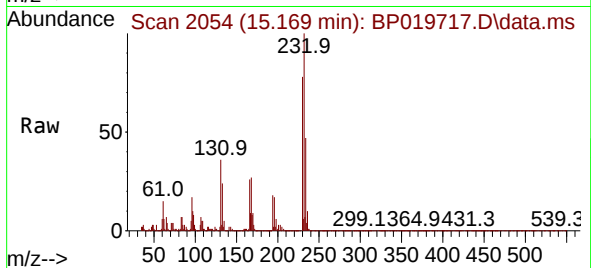


#59
2,3,4,6-Tetrachlorophenol
Concen: 54.325 ng
RT: 15.169 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

Instrument :
BNA_P
ClientSampleId :
PB158973BS

Tgt Ion:232 Resp: 170957

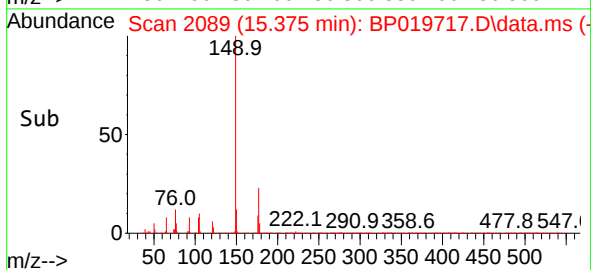
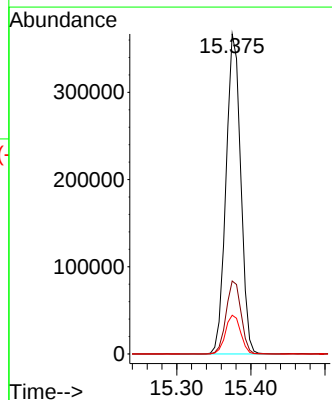
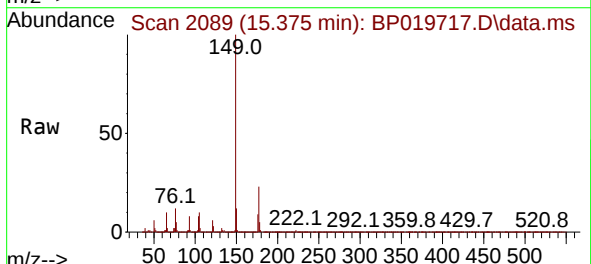
Ion	Ratio	Lower	Upper
232	100		
131	36.2	32.4	48.6
130	2.2	1.9	2.9
166	26.6	23.4	35.2



#60
Diethylphthalate
Concen: 45.473 ng
RT: 15.375 min Scan# 2089
Delta R.T. -0.011 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

Tgt Ion:149 Resp: 505166

Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.2	27.2
150	12.1	10.2	15.4

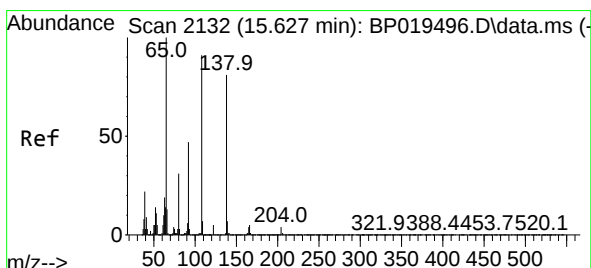
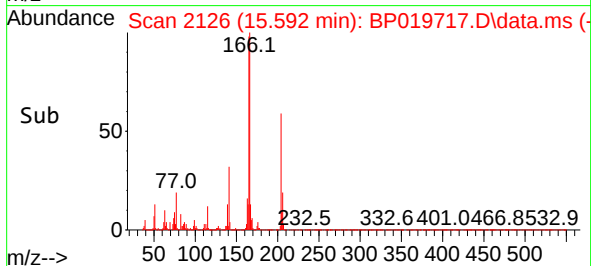
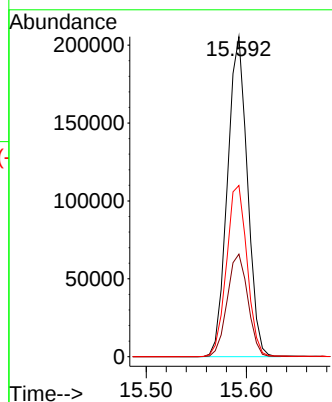
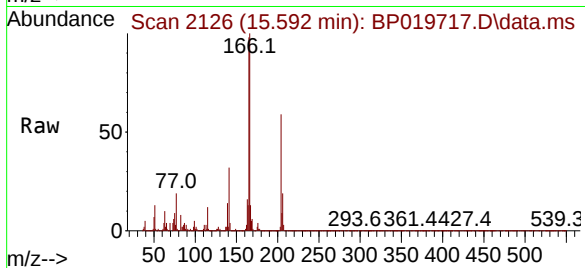




#61
4-Chlorophenyl-phenylether
Concen: 46.732 ng
RT: 15.592 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

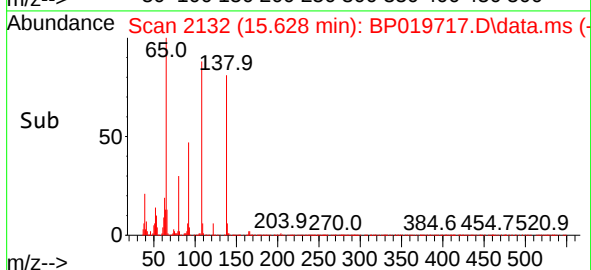
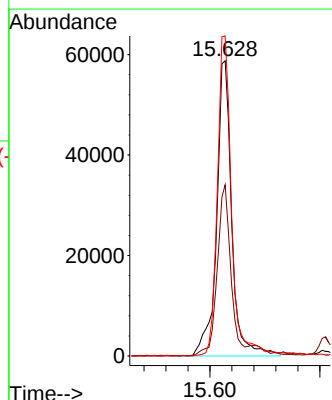
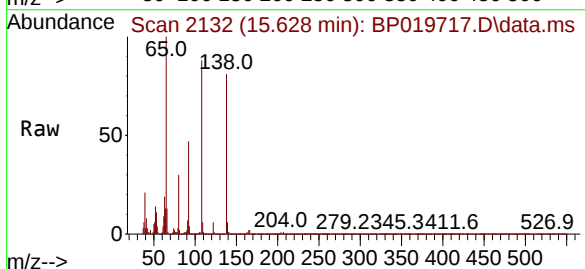
Instrument :
BNA_P
ClientSampleId :
PB158973BS

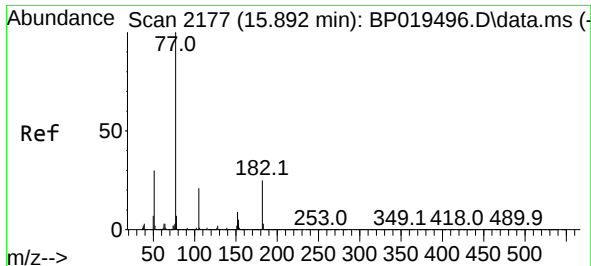
Tgt Ion:204 Resp: 283601
Ion Ratio Lower Upper
204 100
206 32.1 26.5 39.7
141 53.5 48.5 72.7



#62
4-Nitroaniline
Concen: 47.369 ng
RT: 15.628 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

Tgt Ion:138 Resp: 111969
Ion Ratio Lower Upper
138 100
92 58.0 38.3 78.3
108 108.4 91.2 131.2

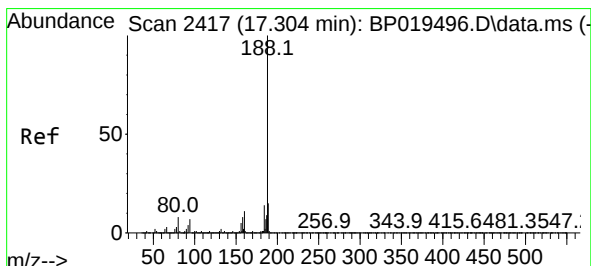
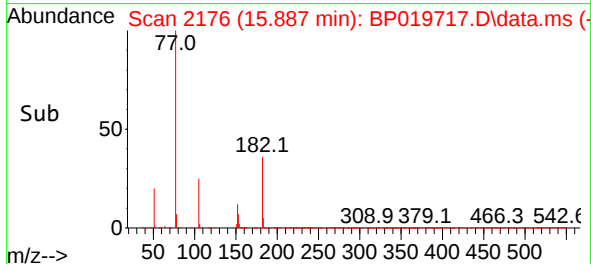
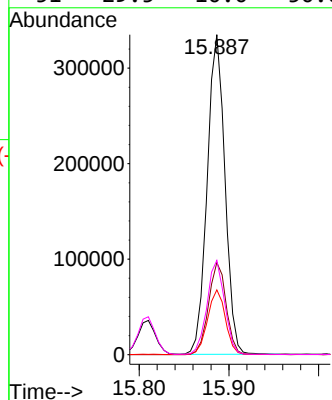
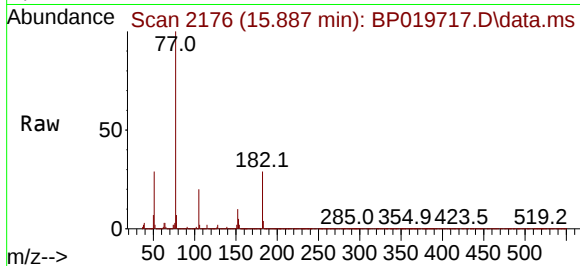




#63
Azobenzene
Concen: 42.778 ng
RT: 15.887 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

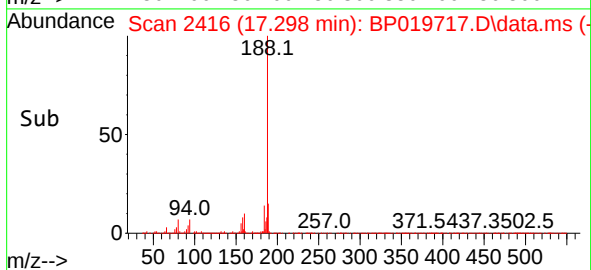
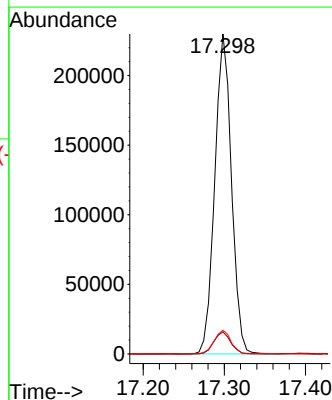
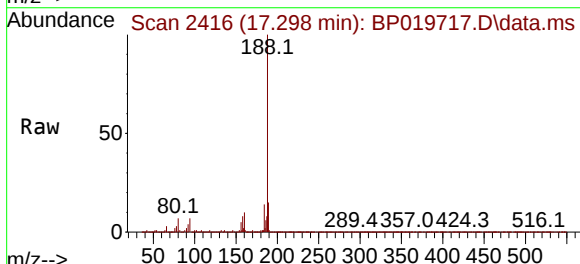
Instrument :
BNA_P
ClientSampleId :
PB158973BS

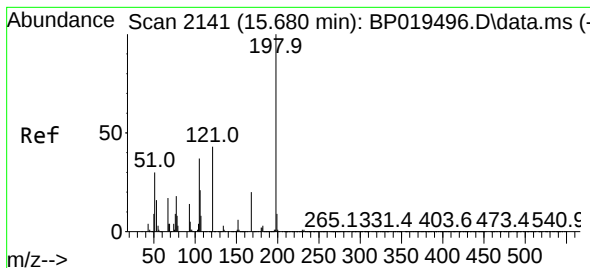
Tgt Ion:	77	Resp:	459552
Ion	Ratio	Lower	Upper
77	100		
182	28.8	5.1	45.1
105	20.3	0.8	40.8
51	29.5	10.0	50.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

Tgt Ion:	188	Resp:	328127
Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.4	8.2
80	7.4	6.3	9.5

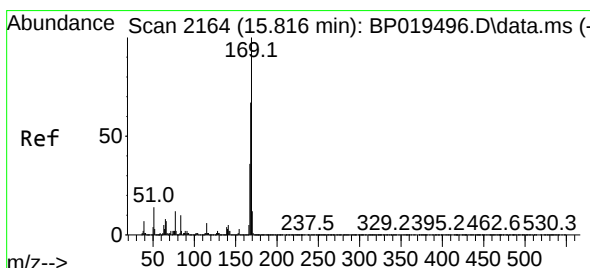
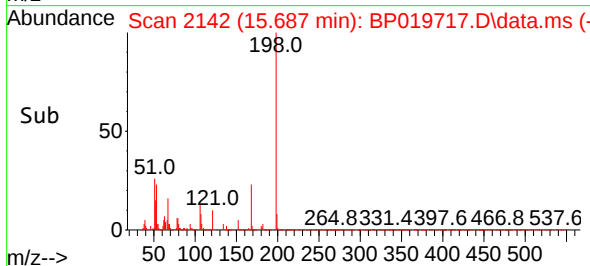
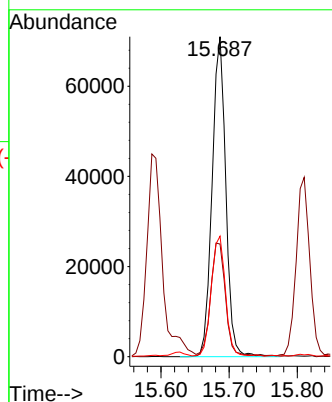
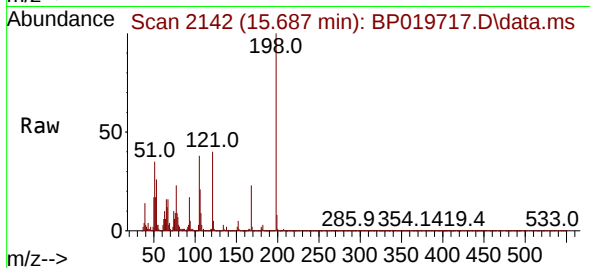




#65
4,6-Dinitro-2-methylphenol
Concen: 53.027 ng
RT: 15.687 min Scan# 2141
Delta R.T. 0.006 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

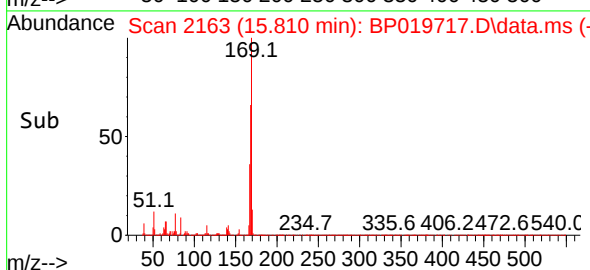
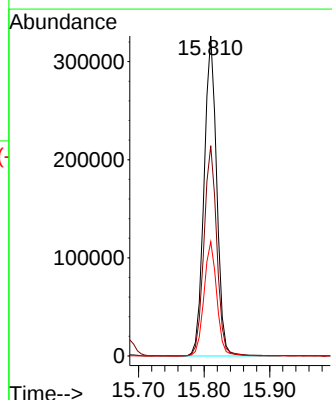
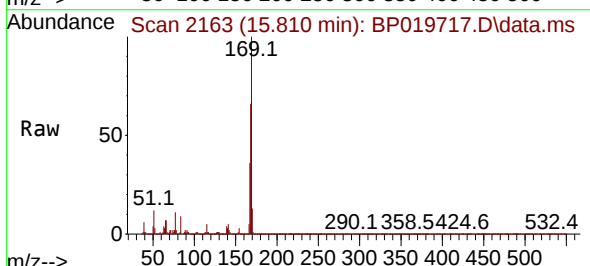
Instrument :
BNA_P
ClientSampleId :
PB158973BS

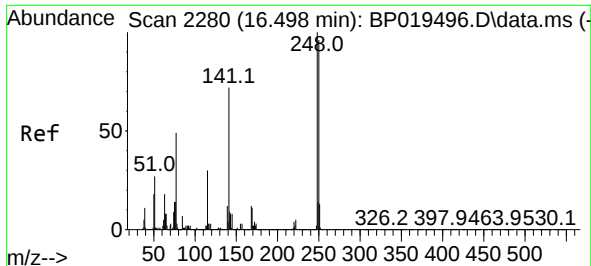
Tgt Ion:198 Resp: 99214
Ion Ratio Lower Upper
198 100
51 35.2 21.2 61.2
105 37.7 19.1 59.1



#66
n-Nitrosodiphenylamine
Concen: 44.595 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

Tgt Ion:169 Resp: 438235
Ion Ratio Lower Upper
169 100
168 65.7 53.4 80.2
167 35.7 28.9 43.3

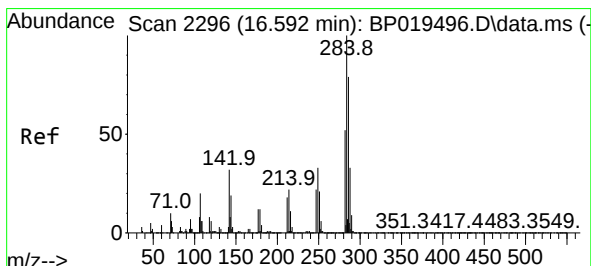
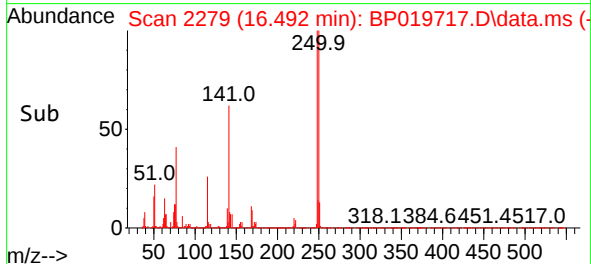
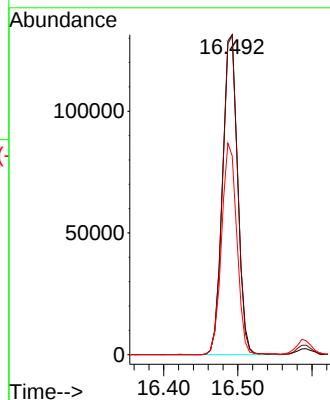
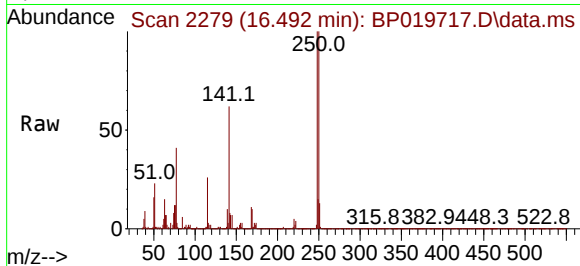




#67
4-Bromophenyl-phenylether
Concen: 45.461 ng
RT: 16.492 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

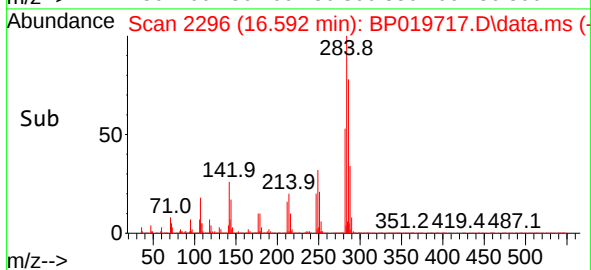
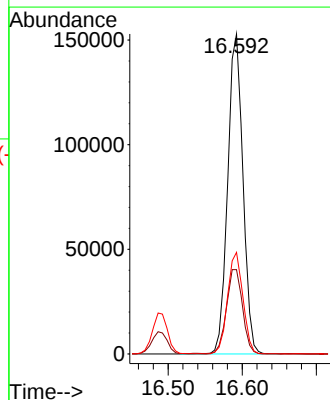
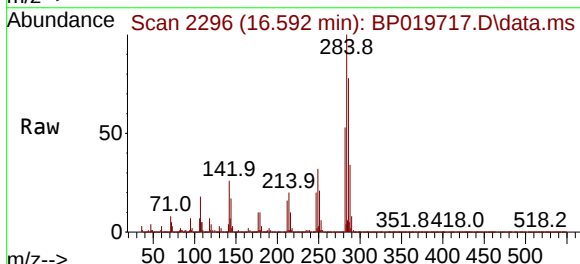
Instrument :
BNA_P
ClientSampleId :
PB158973BS

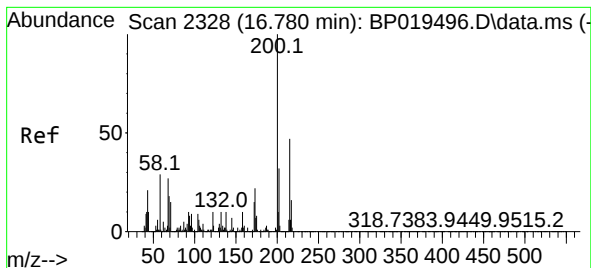
Tgt Ion:248 Resp: 186482
Ion Ratio Lower Upper
248 100
250 99.8 76.9 115.3
141 62.2 58.0 87.0



#68
Hexachlorobenzene
Concen: 45.458 ng
RT: 16.592 min Scan# 2296
Delta R.T. 0.000 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

Tgt Ion:284 Resp: 217754
Ion Ratio Lower Upper
284 100
142 26.3 25.4 38.2
249 31.7 26.5 39.7





#69

Atrazine

Concen: 50.446 ng

RT: 16.775 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019717.D

Acq: 15 Feb 2024 11:43

Instrument :

BNA_P

ClientSampleId :

PB158973BS

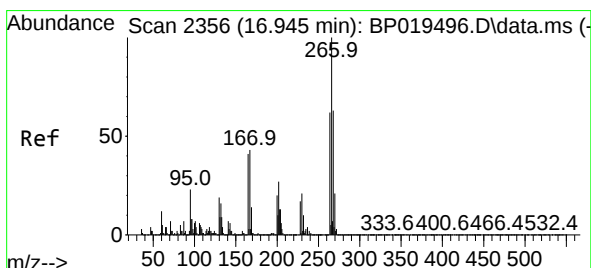
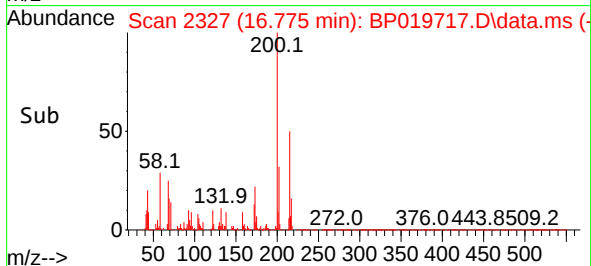
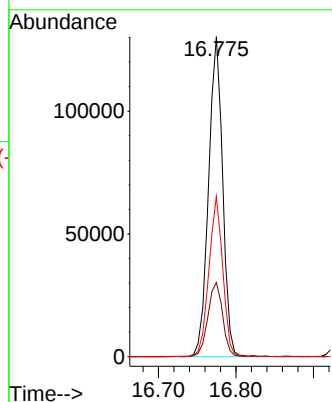
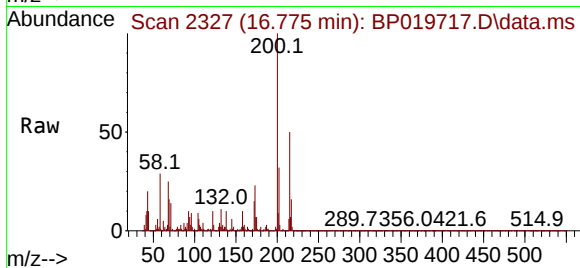
Tgt Ion:200 Resp: 164502

Ion Ratio Lower Upper

200 100

173 23.2 1.7 41.7

215 50.1 26.9 66.9



#70

Pentachlorophenol

Concen: 101.851 ng

RT: 16.945 min Scan# 2356

Delta R.T. 0.000 min

Lab File: BP019717.D

Acq: 15 Feb 2024 11:43

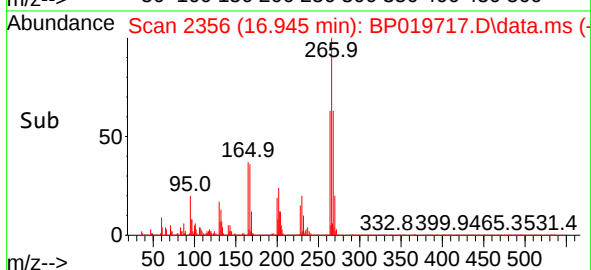
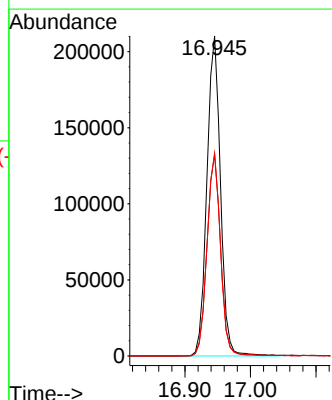
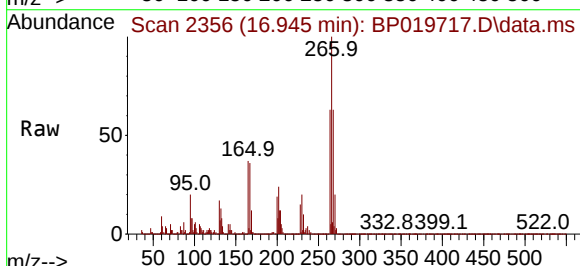
Tgt Ion:266 Resp: 303829

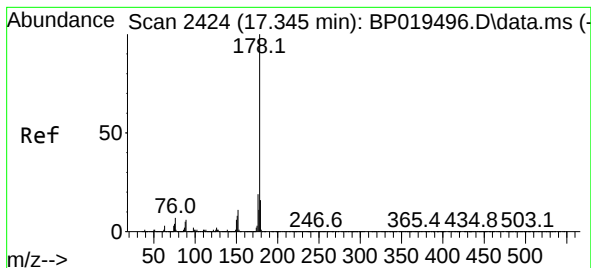
Ion Ratio Lower Upper

266 100

268 63.0 50.3 75.5

264 63.4 49.7 74.5





#71

Phenanthrene

Concen: 46.543 ng

RT: 17.339 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BP019717.D

Acq: 15 Feb 2024 11:43

Instrument :

BNA_P

ClientSampleId :

PB158973BS

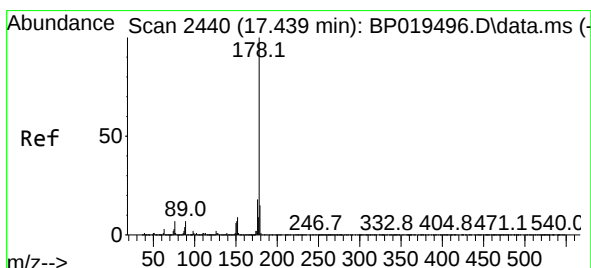
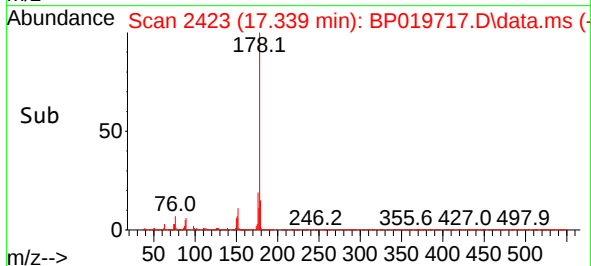
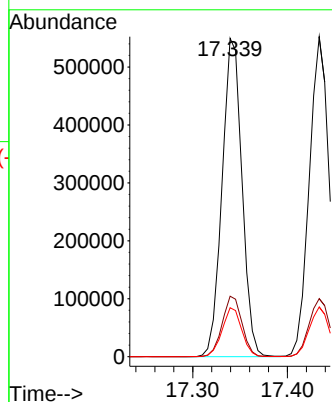
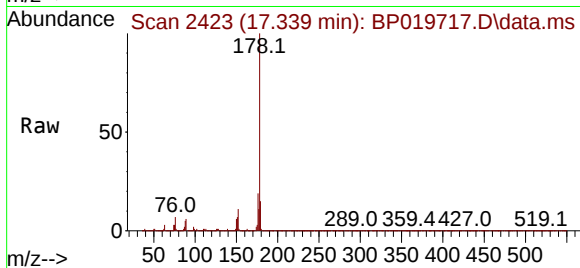
Tgt Ion:178 Resp: 803717

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

179 15.4 12.6 19.0



#72

Anthracene

Concen: 46.658 ng

RT: 17.433 min Scan# 2439

Delta R.T. -0.006 min

Lab File: BP019717.D

Acq: 15 Feb 2024 11:43

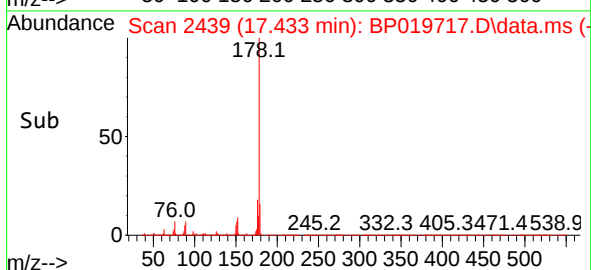
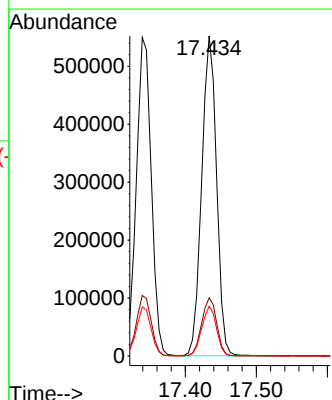
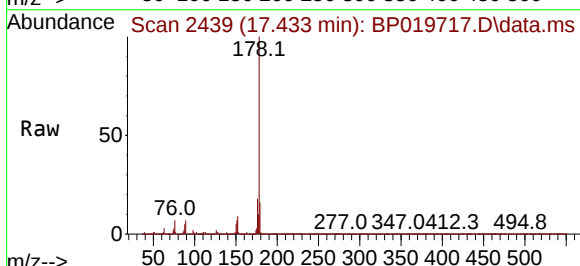
Tgt Ion:178 Resp: 803742

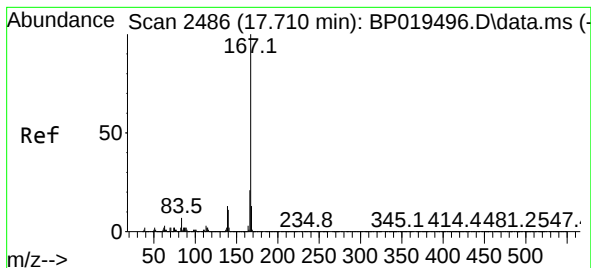
Ion Ratio Lower Upper

178 100

176 18.2 14.7 22.1

179 15.6 12.2 18.2





#73

Carbazole

Concen: 45.867 ng

RT: 17.710 min Scan# 2486

Delta R.T. 0.000 min

Lab File: BP019717.D

Acq: 15 Feb 2024 11:43

Instrument :

BNA_P

ClientSampleId :

PB158973BS

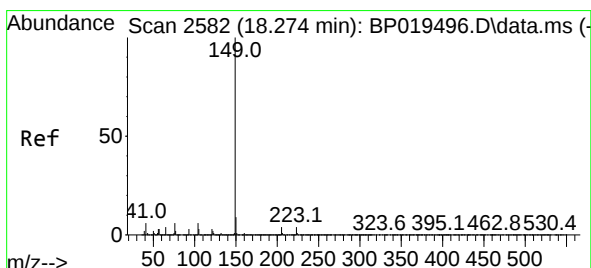
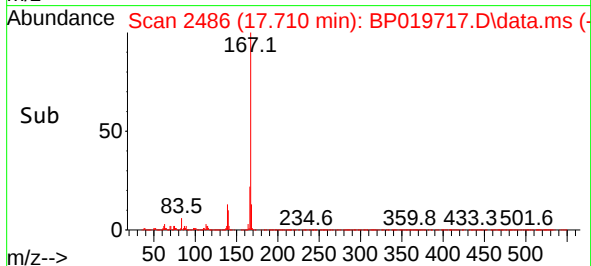
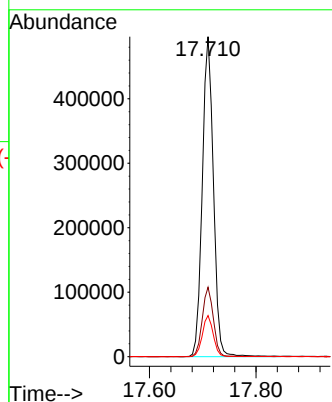
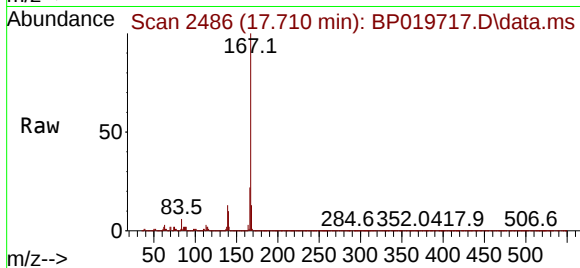
Tgt Ion:167 Resp: 717780

Ion Ratio Lower Upper

167 100

166 21.7 17.2 25.8

139 12.8 10.6 15.8



#74

Di-n-butylphthalate

Concen: 42.873 ng

RT: 18.263 min Scan# 2580

Delta R.T. -0.011 min

Lab File: BP019717.D

Acq: 15 Feb 2024 11:43

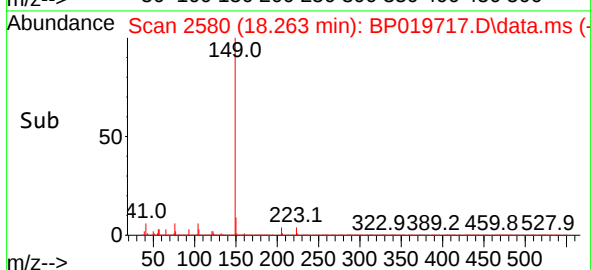
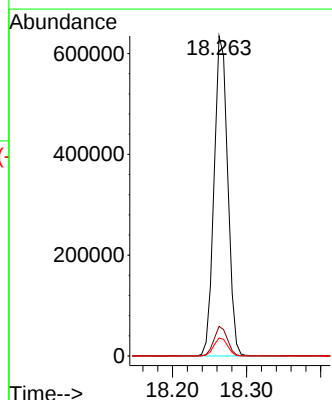
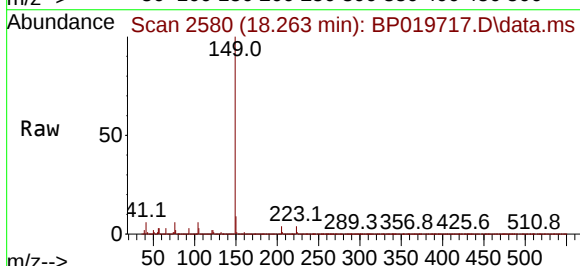
Tgt Ion:149 Resp: 811217

Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 5.6 4.8 7.2

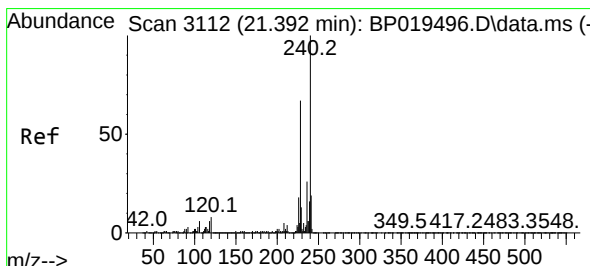
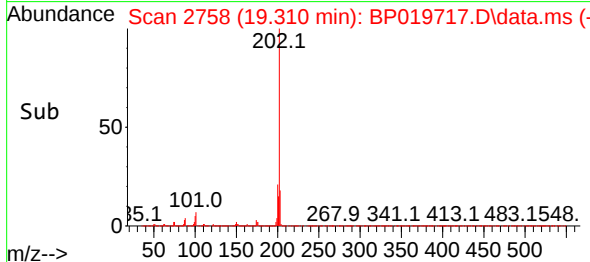
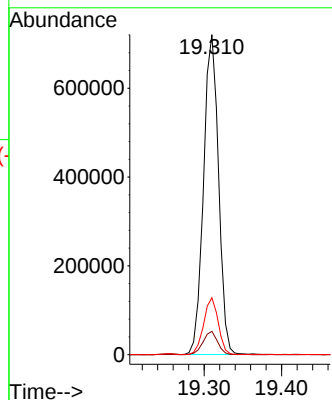
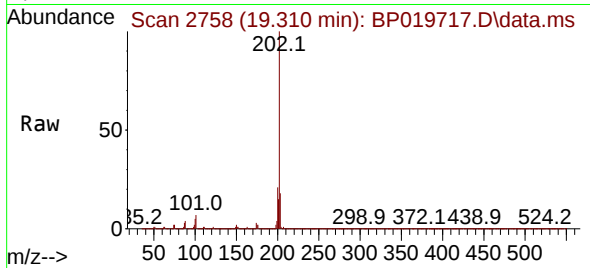




#75
Fluoranthene
Concen: 45.831 ng
RT: 19.310 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

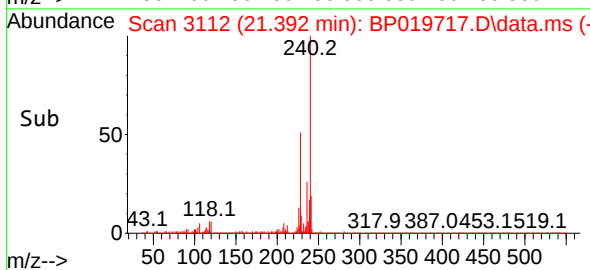
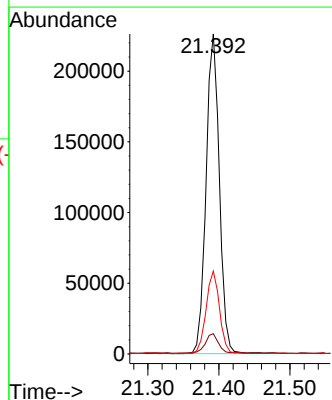
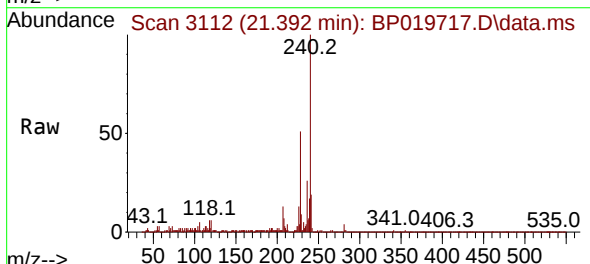
Instrument :
BNA_P
ClientSampleId :
PB158973BS

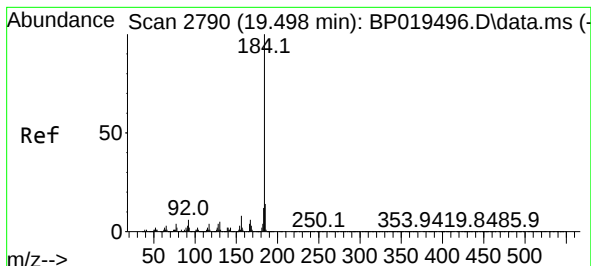
Tgt Ion:202 Resp: 966810
Ion Ratio Lower Upper
202 100
101 7.3 0.0 27.7
203 17.8 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

Tgt Ion:240 Resp: 293766
Ion Ratio Lower Upper
240 100
120 6.4 6.1 9.1
236 25.9 20.7 31.1





#77

Benzidine

Concen: 53.173 ng

RT: 19.498 min Scan# 2790

Delta R.T. 0.000 min

Lab File: BP019717.D

Acq: 15 Feb 2024 11:43

Instrument :

BNA_P

ClientSampleId :

PB158973BS

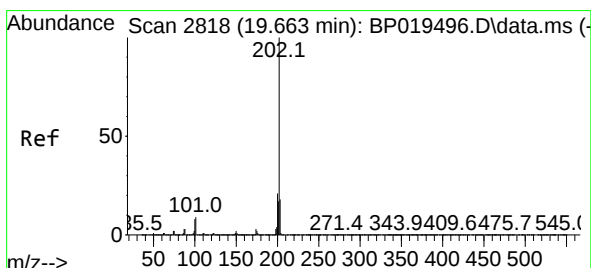
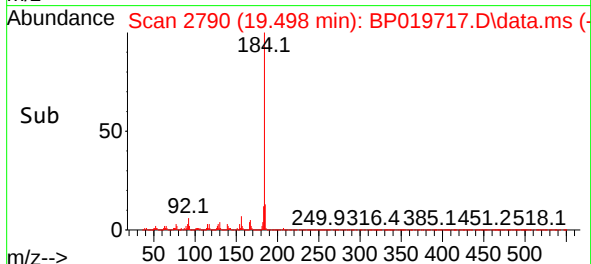
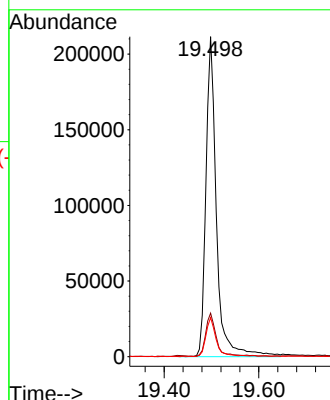
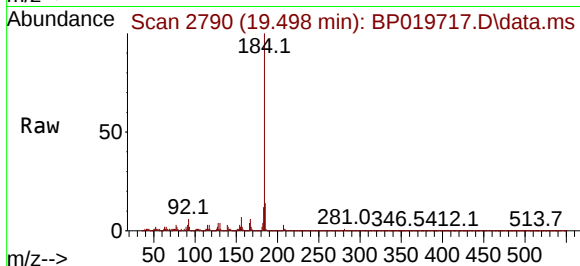
Tgt Ion:184 Resp: 326573

Ion Ratio Lower Upper

184 100

185 13.6 11.1 16.7

183 12.2 9.7 14.5



#78

Pyrene

Concen: 47.517 ng

RT: 19.663 min Scan# 2818

Delta R.T. 0.000 min

Lab File: BP019717.D

Acq: 15 Feb 2024 11:43

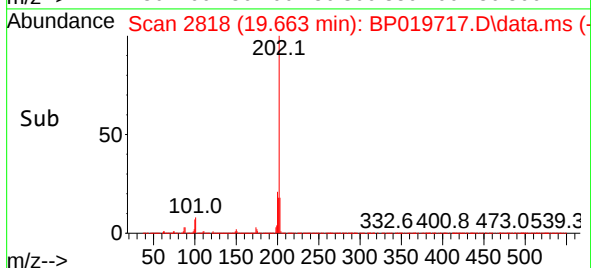
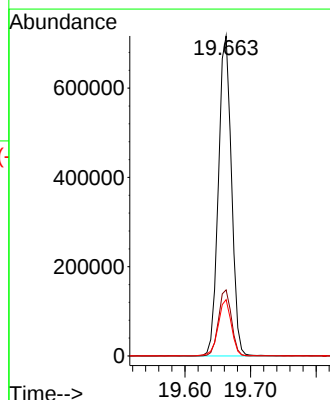
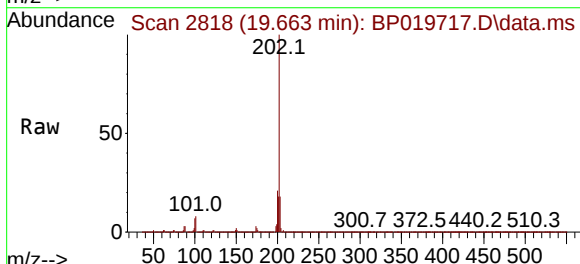
Tgt Ion:202 Resp: 985160

Ion Ratio Lower Upper

202 100

200 20.7 16.9 25.3

203 17.6 14.2 21.2





#79

Terphenyl-d14

Concen: 95.204 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019717.D

Acq: 15 Feb 2024 11:43

Instrument :

BNA_P

ClientSampleId :

PB158973BS

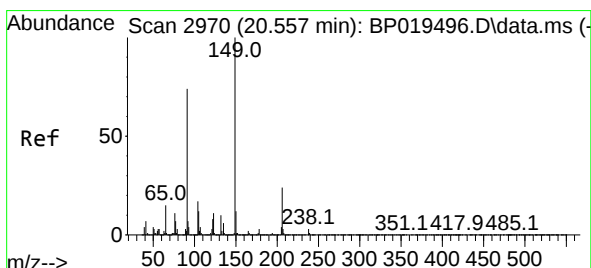
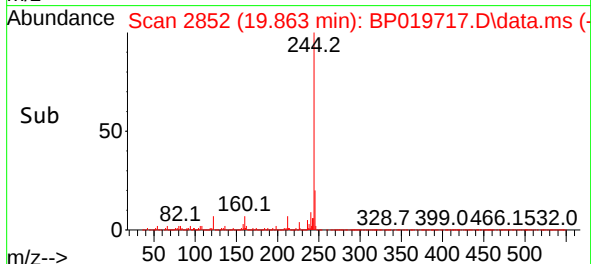
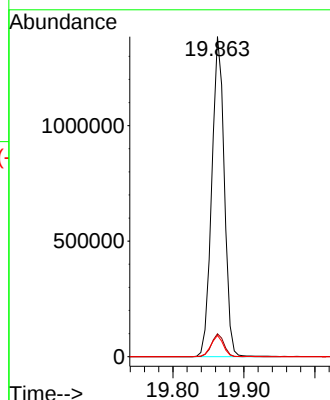
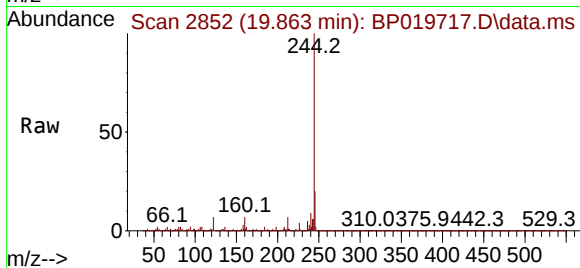
Tgt Ion:244 Resp: 1700637

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 6.6 5.9 8.9



#80

Butylbenzylphthalate

Concen: 44.479 ng

RT: 20.545 min Scan# 2968

Delta R.T. -0.011 min

Lab File: BP019717.D

Acq: 15 Feb 2024 11:43

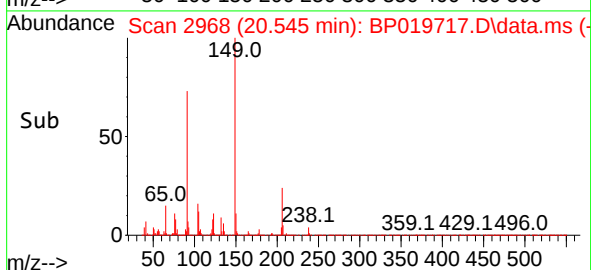
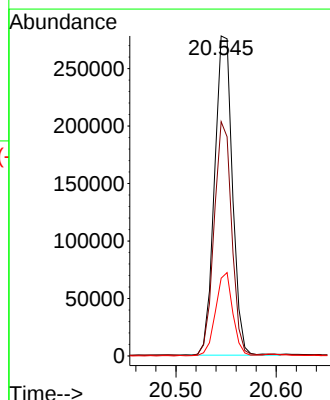
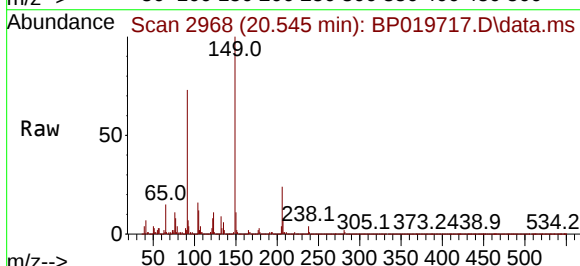
Tgt Ion:149 Resp: 344377

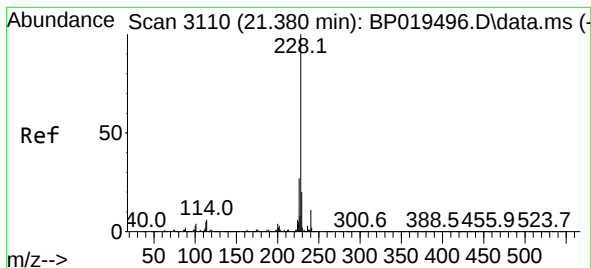
Ion Ratio Lower Upper

149 100

91 73.2 59.4 89.0

206 24.3 19.0 28.6





#81

Benzo(a)anthracene

Concen: 46.558 ng

RT: 21.374 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BP019717.D

Acq: 15 Feb 2024 11:43

Instrument :

BNA_P

ClientSampleId :

PB158973BS

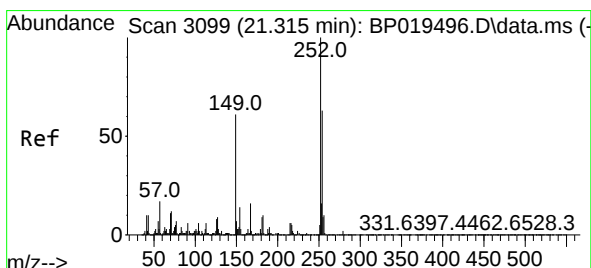
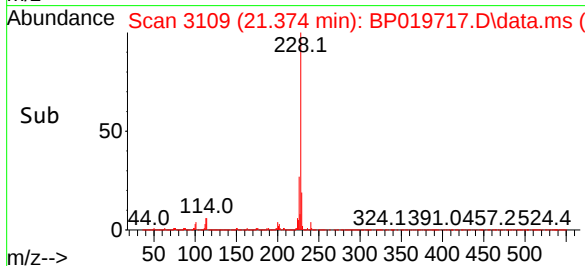
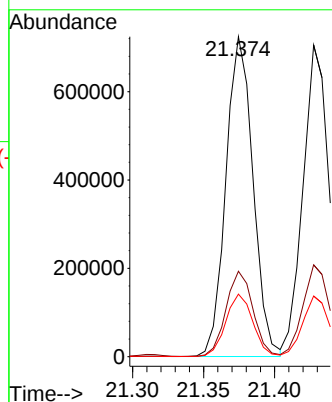
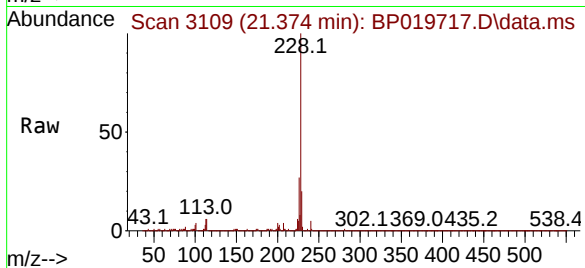
Tgt Ion:228 Resp: 962772

Ion Ratio Lower Upper

228 100

226 26.7 21.7 32.5

229 19.5 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 42.200 ng

RT: 21.310 min Scan# 3098

Delta R.T. -0.006 min

Lab File: BP019717.D

Acq: 15 Feb 2024 11:43

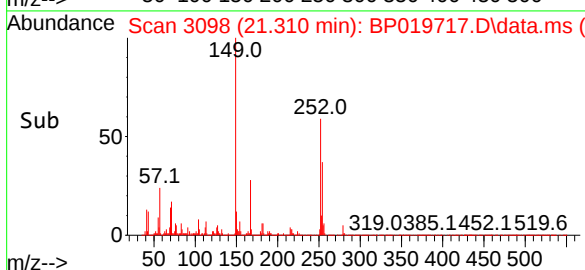
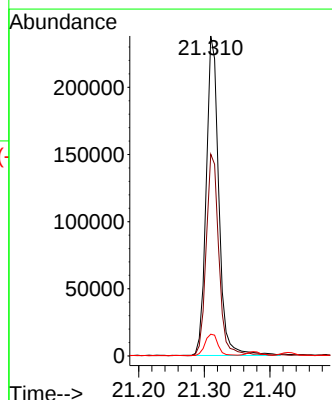
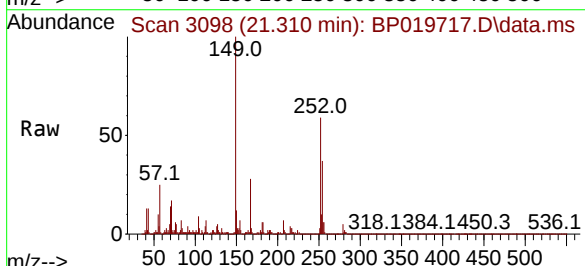
Tgt Ion:252 Resp: 317997

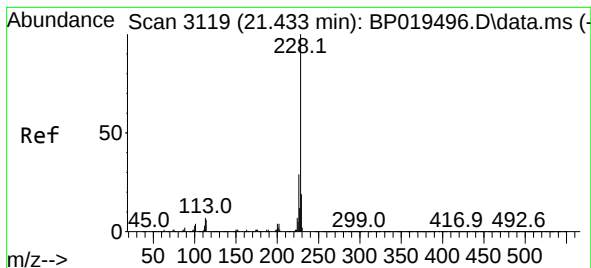
Ion Ratio Lower Upper

252 100

254 63.1 50.7 76.1

126 6.8 6.4 9.6





#83

Chrysene

Concen: 45.943 ng

RT: 21.427 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP019717.D

Acq: 15 Feb 2024 11:43

Instrument :

BNA_P

ClientSampleId :

PB158973BS

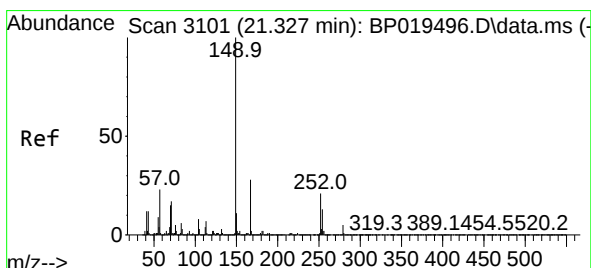
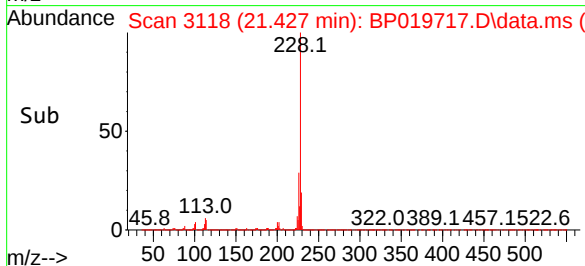
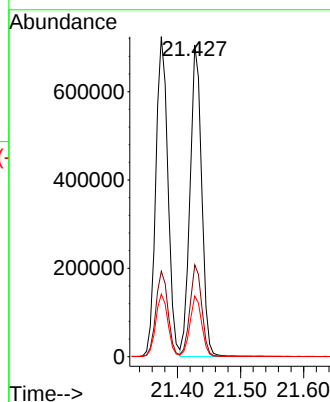
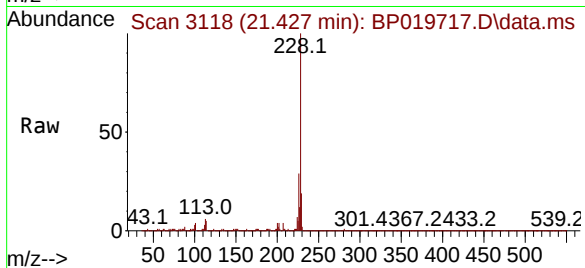
Tgt Ion:228 Resp: 901985

Ion Ratio Lower Upper

228 100

226 29.5 23.4 35.2

229 19.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.830 ng

RT: 21.310 min Scan# 3098

Delta R.T. -0.017 min

Lab File: BP019717.D

Acq: 15 Feb 2024 11:43

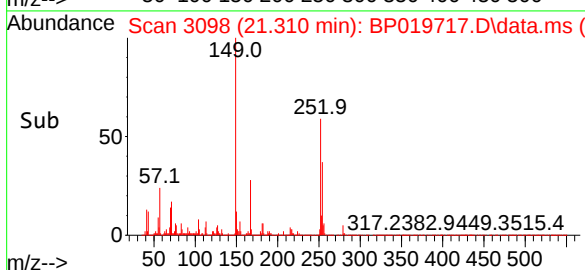
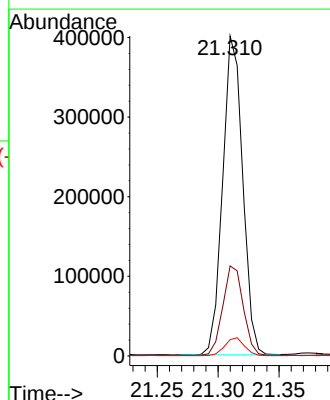
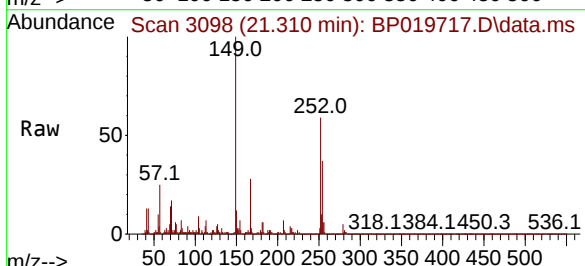
Tgt Ion:149 Resp: 457809

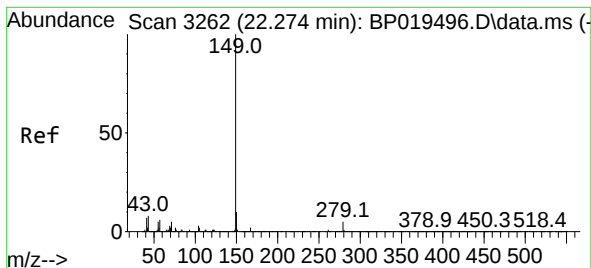
Ion Ratio Lower Upper

149 100

167 28.1 22.7 34.1

279 5.1 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 38.069 ng

RT: 22.257 min Scan# 31

Delta R.T. -0.017 min

Lab File: BP019717.D

Acq: 15 Feb 2024 11:43

Instrument :

BNA_P

ClientSampleId :

PB158973BS

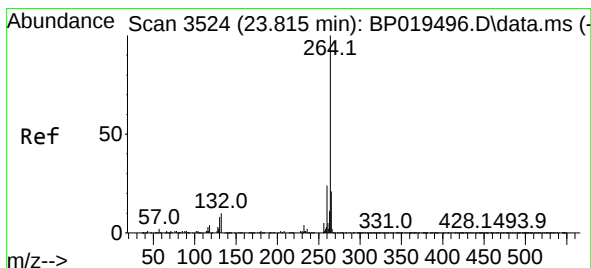
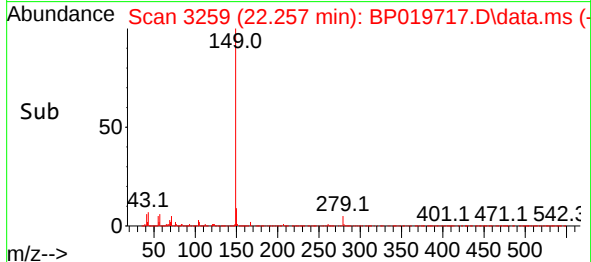
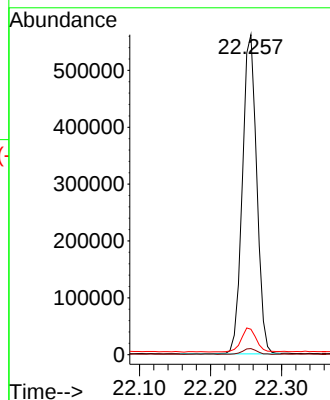
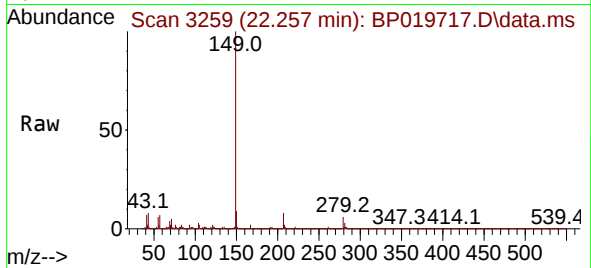
Tgt Ion:149 Resp: 789695

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 8.1 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.810 min Scan# 3523

Delta R.T. -0.006 min

Lab File: BP019717.D

Acq: 15 Feb 2024 11:43

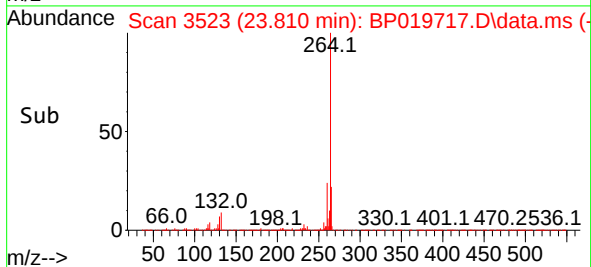
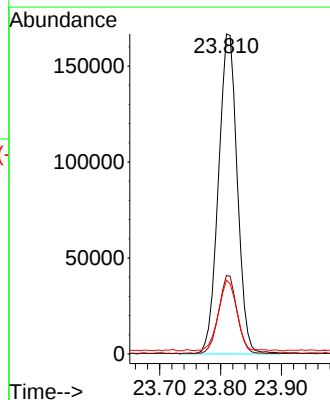
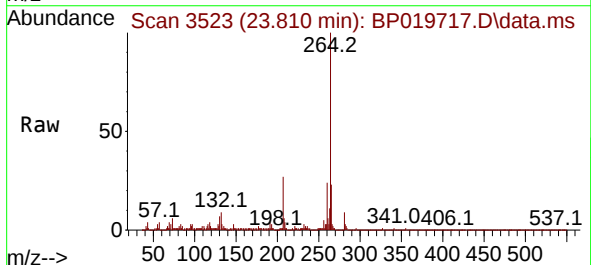
Tgt Ion:264 Resp: 359019

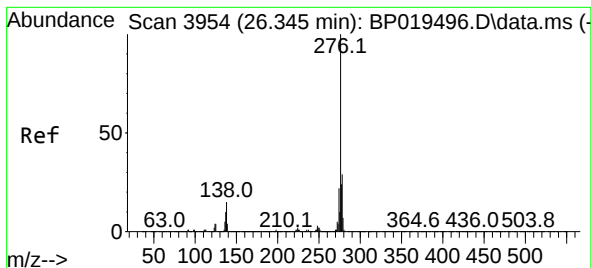
Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 23.1 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.768 ng

RT: 26.357 min Scan# 3956

Delta R.T. 0.012 min

Lab File: BP019717.D

Acq: 15 Feb 2024 11:43

Instrument :

BNA_P

ClientSampleId :

PB158973BS

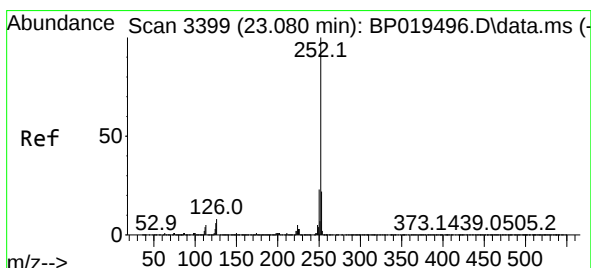
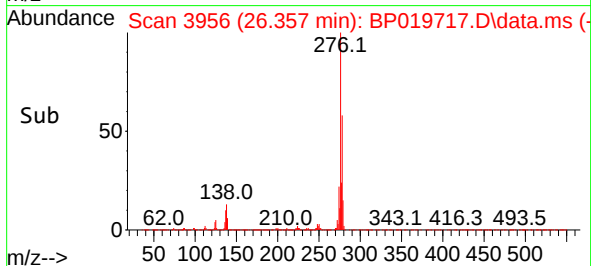
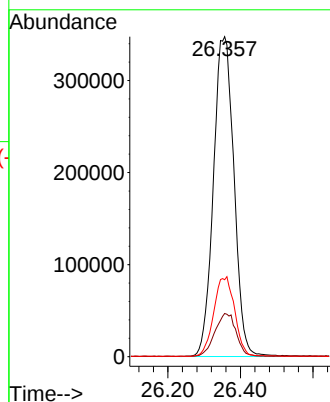
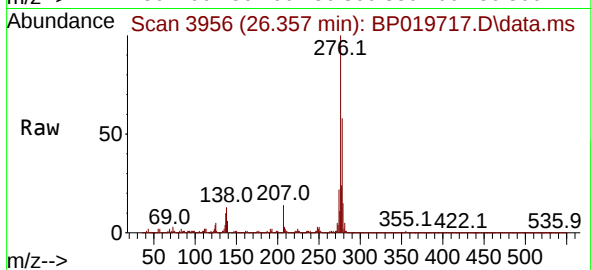
Tgt Ion:276 Resp: 1367693

Ion Ratio Lower Upper

276 100

138 13.9 13.1 19.7

277 25.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 44.239 ng

RT: 23.074 min Scan# 3398

Delta R.T. -0.006 min

Lab File: BP019717.D

Acq: 15 Feb 2024 11:43

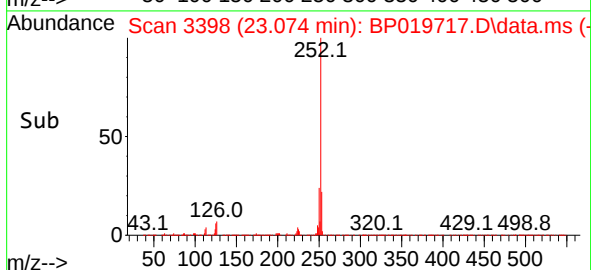
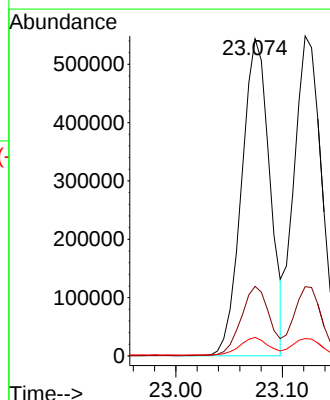
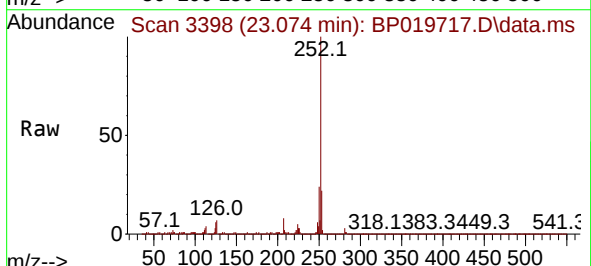
Tgt Ion:252 Resp: 1001008

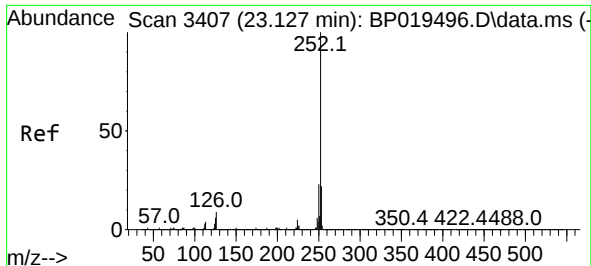
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 5.9 4.9 7.3

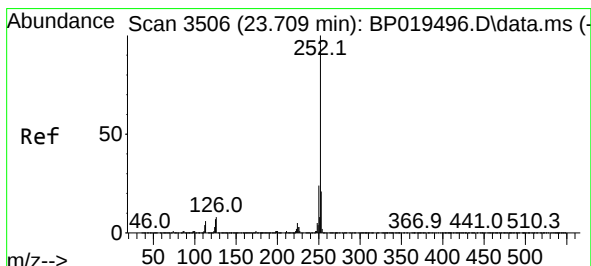
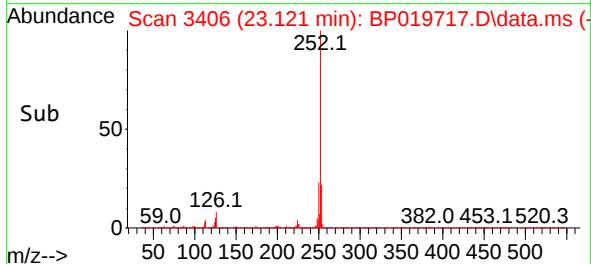
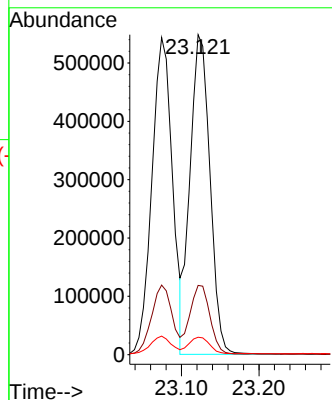
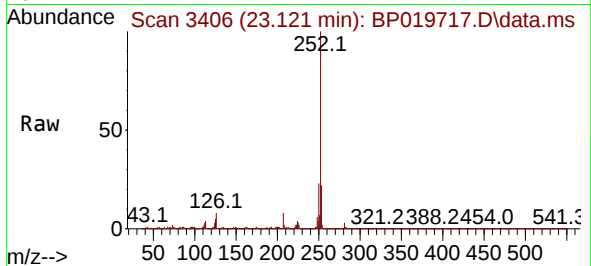




#89
Benzo(k)fluoranthene
Concen: 45.245 ng
RT: 23.121 min Scan# 3407
Delta R.T. -0.006 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

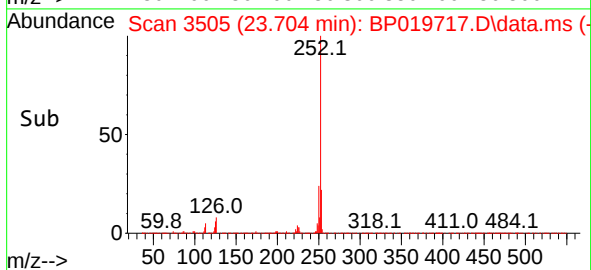
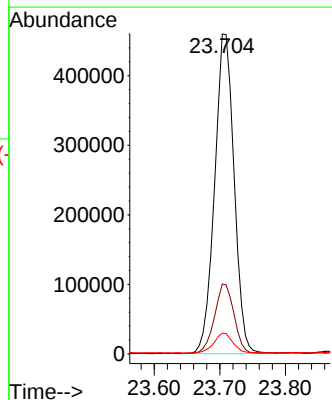
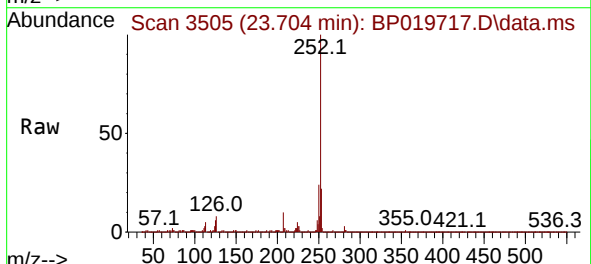
Instrument :
BNA_P
ClientSampleId :
PB158973BS

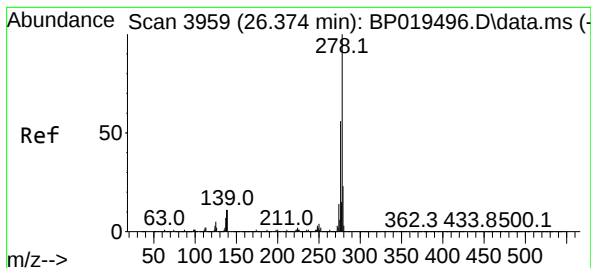
Tgt Ion:252 Resp: 977935
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 5.5 5.0 7.6



#90
Benzo(a)pyrene
Concen: 47.011 ng
RT: 23.704 min Scan# 3505
Delta R.T. -0.006 min
Lab File: BP019717.D
Acq: 15 Feb 2024 11:43

Tgt Ion:252 Resp: 946468
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 6.5 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 50.215 ng

RT: 26.380 min Scan# 3959

Delta R.T. 0.006 min

Lab File: BP019717.D

Acq: 15 Feb 2024 11:43

Instrument :

BNA_P

ClientSampleId :

PB158973BS

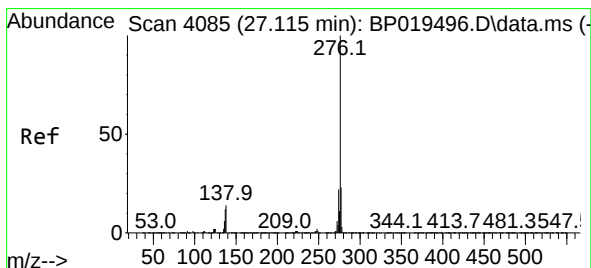
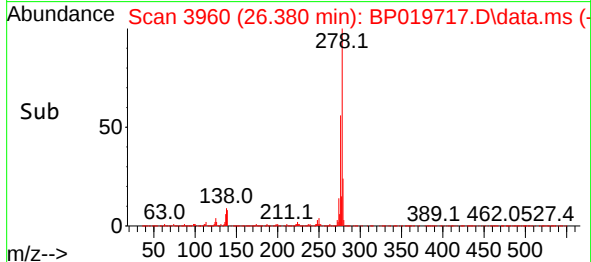
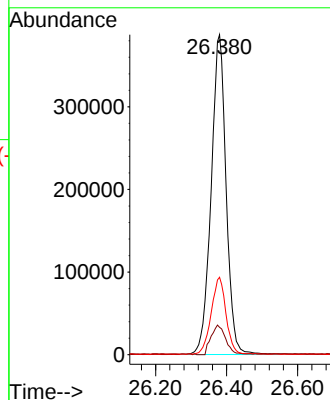
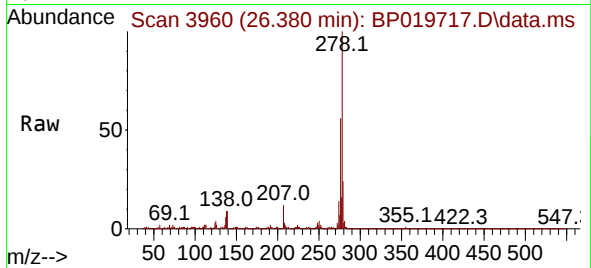
Tgt Ion:278 Resp: 1134976

Ion Ratio Lower Upper

278 100

139 8.5 8.6 12.8#

279 24.2 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 48.096 ng

RT: 27.133 min Scan# 4088

Delta R.T. 0.018 min

Lab File: BP019717.D

Acq: 15 Feb 2024 11:43

Tgt Ion:276 Resp: 1102868

Ion Ratio Lower Upper

276 100

277 24.3 18.6 28.0

138 11.8 10.9 16.3

