

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022124\
 Data File : BP019801.D
 Acq On : 21 Feb 2024 11:09
 Operator : MA/JU
 Sample : PB159140BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB159140BS

Quant Time: Feb 21 11:33:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 19 23:35:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	69824	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	242615	20.000	ng	0.00
39) Acenaphthene-d10	14.528	164	140214	20.000	ng	-0.01
64) Phenanthrene-d10	17.287	188	285914	20.000	ng	0.00
76) Chrysene-d12	21.380	240	245720	20.000	ng	-0.01
86) Perylene-d12	23.798	264	282208	20.000	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.470	112	560729	129.447	ng	0.00
7) Phenol-d6	7.069	99	682610	116.870	ng	0.00
23) Nitrobenzene-d5	9.069	82	476813	85.160	ng	0.00
42) 2,4,6-Tribromophenol	16.028	330	305545	149.248	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	1011161	89.151	ng	0.00
79) Terphenyl-d14	19.851	244	1426726	95.487	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.375	88	59129	35.429	ng 97
3) Pyridine	3.775	79	153261	33.872	ng 99
4) n-Nitrosodimethylamine	3.693	42	85877	43.594	ng 99
6) Aniline	7.228	93	149002	26.254	ng 98
8) 2-Chlorophenol	7.458	128	197682	44.450	ng 98
9) Benzaldehyde	7.046	77	109365m	26.707	ng
10) Phenol	7.099	94	243490	41.827	ng 100
11) bis(2-Chloroethyl)ether	7.334	93	192816	42.574	ng 98
12) 1,3-Dichlorobenzene	7.781	146	236400	43.442	ng 99
13) 1,4-Dichlorobenzene	7.928	146	241785	43.855	ng 98
14) 1,2-Dichlorobenzene	8.246	146	232297	43.548	ng 99
15) Benzyl Alcohol	8.146	79	191321m	40.996	ng
16) 2,2'-oxybis(1-Chloropr...	8.422	45	187514m	41.404	ng
17) 2-Methylphenol	8.346	107	158009	40.317	ng 97
18) Hexachloroethane	8.963	117	91999	43.051	ng 96
19) n-Nitroso-di-n-propyla...	8.716	70	155894	39.076	ng 96
20) 3+4-Methylphenols	8.675	107	207629	38.819	ng 99
22) Acetophenone	8.728	105	303251	43.875	ng # 98
24) Nitrobenzene	9.110	77	234091	41.525	ng 98
25) Isophorone	9.634	82	405172	41.551	ng 100
26) 2-Nitrophenol	9.816	139	104007	48.387	ng 98
27) 2,4-Dimethylphenol	9.875	122	134403	48.900	ng 99
28) bis(2-Chloroethoxy)met...	10.122	93	230859	41.845	ng 99
29) 2,4-Dichlorophenol	10.346	162	183223	44.098	ng 98
30) 1,2,4-Trichlorobenzene	10.557	180	233269	45.789	ng 98
31) Naphthalene	10.746	128	576606	43.333	ng 98
32) Benzoic acid	10.016	122	108984	40.697	ng 96
33) 4-Chloroaniline	10.869	127	52598	10.689	ng 95
34) Hexachlorobutadiene	11.016	225	175582	46.510	ng 98
35) Caprolactam	11.669	113	48525	41.255	ng 95
36) 4-Chloro-3-methylphenol	11.993	107	188929	41.703	ng 99
37) 2-Methylnaphthalene	12.357	142	387926	42.126	ng 99
38) 1-Methylnaphthalene	12.575	142	367675	40.630	ng 100
40) 1,2,4,5-Tetrachloroben...	12.716	216	274472	50.757	ng 99
41) Hexachlorocyclopentadiene	12.687	237	322676	132.090	ng 98
43) 2,4,6-Trichlorophenol	12.969	196	156416	47.769	ng 99

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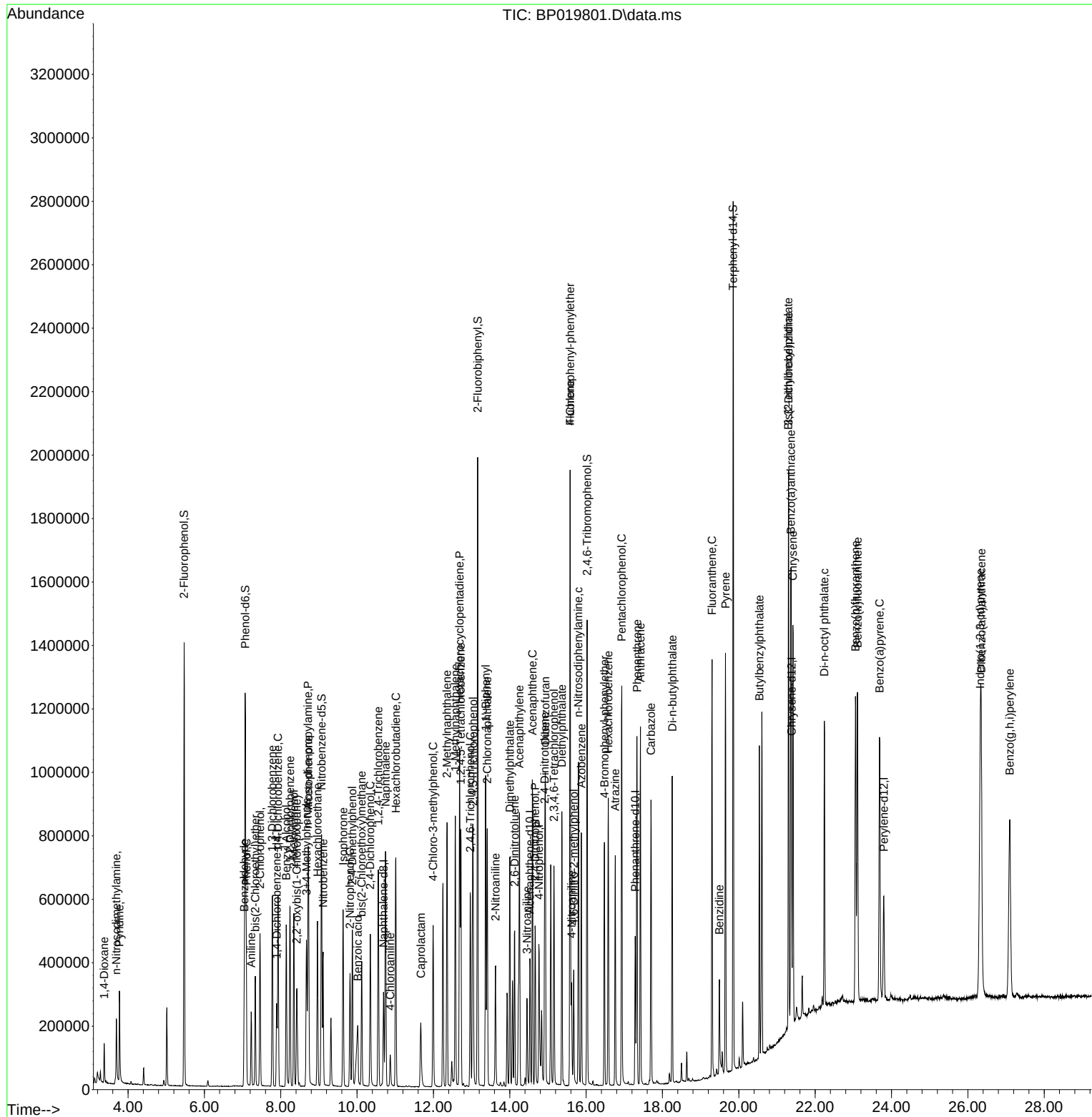
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44) 2,4,5-Trichlorophenol	13.040	196	167486	46.582	ng	98
46) 1,1'-Biphenyl	13.369	154	509236	45.504	ng	98
47) 2-Chloronaphthalene	13.410	162	406847	44.288	ng	98
48) 2-Nitroaniline	13.628	65	114719	44.660	ng	99
49) Acenaphthylene	14.251	152	622096	48.268	ng	100
50) Dimethylphthalate	14.004	163	477856	44.519	ng	99
51) 2,6-Dinitrotoluene	14.128	165	103056	43.700	ng	94
52) Acenaphthene	14.593	154	351690	43.966	ng	98
53) 3-Nitroaniline	14.451	138	68388	31.555	ng	95
54) 2,4-Dinitrophenol	14.663	184	120495	98.407	ng	98
55) Dibenzofuran	14.934	168	592606	45.486	ng	97
56) 4-Nitrophenol	14.763	139	144040	81.086	ng	99
57) 2,4-Dinitrotoluene	14.916	165	142168	46.003	ng	98
58) Fluorene	15.581	166	460332	44.362	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.157	232	150030	49.608	ng	97
60) Diethylphthalate	15.363	149	459689	43.056	ng	100
61) 4-Chlorophenyl-phenyle...	15.581	204	265531	45.528	ng	96
62) 4-Nitroaniline	15.616	138	89948	39.595	ng	97
63) Azobenzene	15.875	77	438432	42.466	ng	98
65) 4,6-Dinitro-2-methylph...	15.675	198	85125	52.214	ng	96
66) n-Nitrosodiphenylamine	15.798	169	394167	46.032	ng	100
67) 4-Bromophenyl-phenylether	16.481	248	172283	48.201	ng	94
68) Hexachlorobenzene	16.581	284	200008	47.918	ng	95
69) Atrazine	16.763	200	140915	49.593	ng	97
70) Pentachlorophenol	16.934	266	246119	94.687	ng	98
71) Phenanthrene	17.334	178	700404	46.549	ng	99
72) Anthracene	17.422	178	704377	46.927	ng	99
73) Carbazole	17.698	167	593062	43.493	ng	99
74) Di-n-butylphthalate	18.257	149	715361	43.389	ng	99
75) Fluoranthene	19.298	202	810147	44.075	ng	99
77) Benzidine	19.492	184	217626	42.363	ng	99
78) Pyrene	19.651	202	830431	47.886	ng	99
80) Butylbenzylphthalate	20.539	149	292019	45.091	ng	97
81) Benzo(a)anthracene	21.363	228	791548	45.762	ng	99
82) 3,3'-Dichlorobenzidine	21.304	252	267186	42.390	ng	99
83) Chrysene	21.416	228	754682	45.956	ng	100
84) Bis(2-ethylhexyl)phtha...	21.298	149	400825	40.645	ng	100
85) Di-n-octyl phthalate	22.239	149	672433	38.755	ng	99
87) Indeno(1,2,3-cd)pyrene	26.321	276	1095147	50.697	ng	98
88) Benzo(b)fluoranthene	23.057	252	840722	47.268	ng	100
89) Benzo(k)fluoranthene	23.110	252	764109	44.974	ng	99
90) Benzo(a)pyrene	23.686	252	760193	48.035	ng	98
91) Dibenzo(a,h)anthracene	26.351	278	906582	51.027	ng	98
92) Benzo(g,h,i)perylene	27.098	276	891704	49.472	ng	97

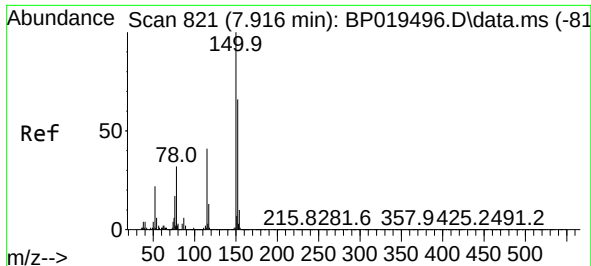
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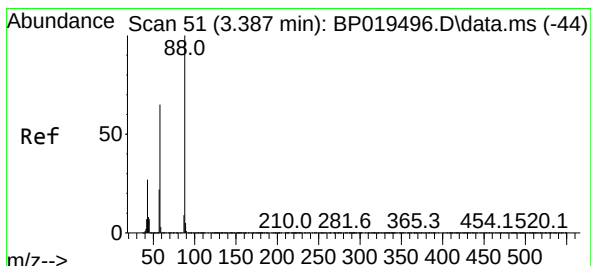
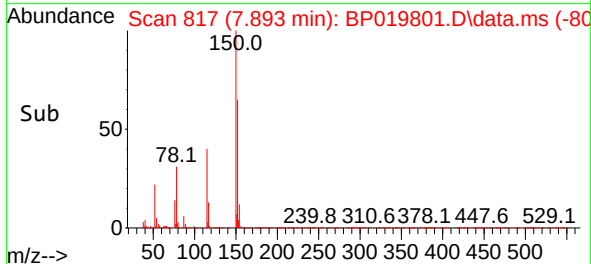
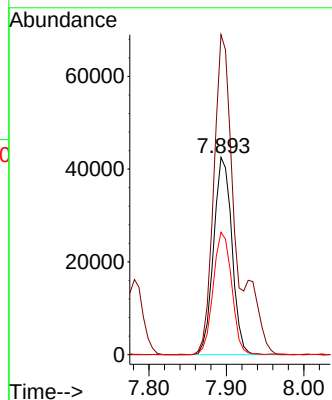
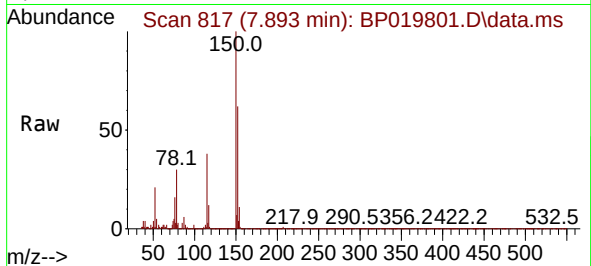




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

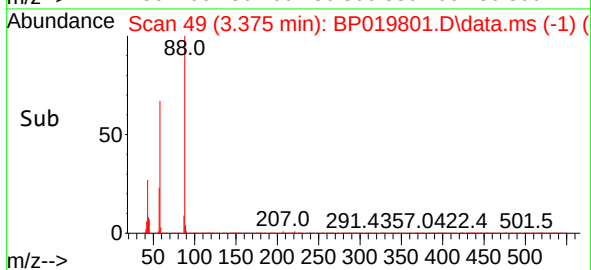
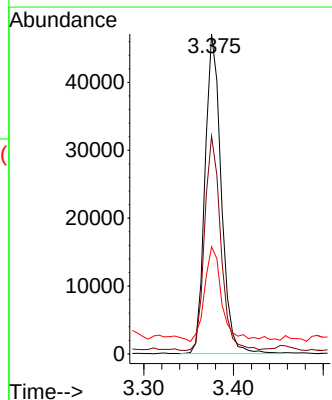
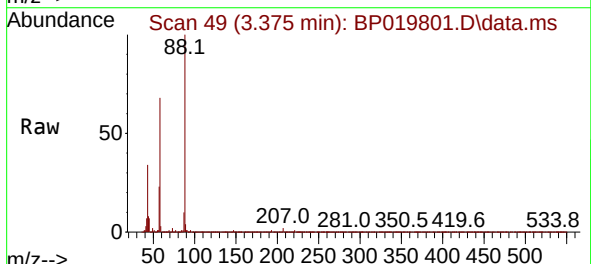
Instrument :
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ClientSampleId :
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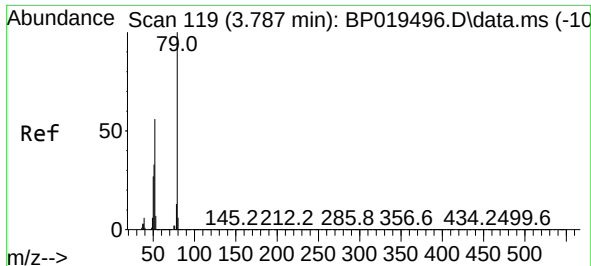
Tgt Ion:152 Resp: 69824
Ion Ratio Lower Upper
152 100
150 162.2 121.8 182.8
115 62.1 49.9 74.9



#2
1,4-Dioxane
Concen: 35.429 ng
RT: 3.375 min Scan# 49
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

Tgt Ion: 88 Resp: 59129
Ion Ratio Lower Upper
88 100
58 66.4 52.6 78.8
43 31.4 21.9 32.9

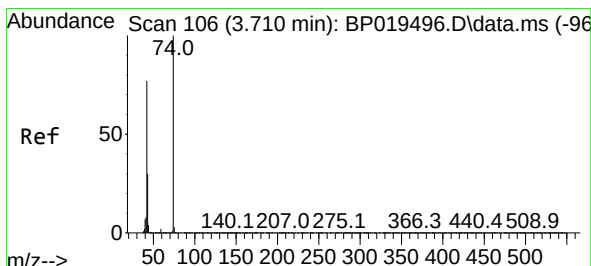
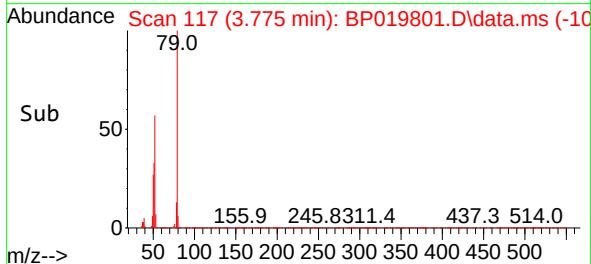
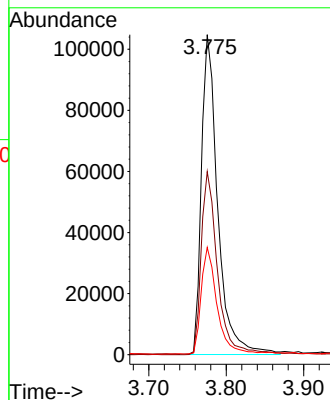
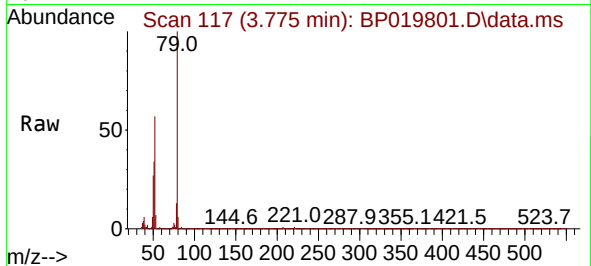




#3
Pyridine
Concen: 33.872 ng
RT: 3.775 min Scan# 119
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

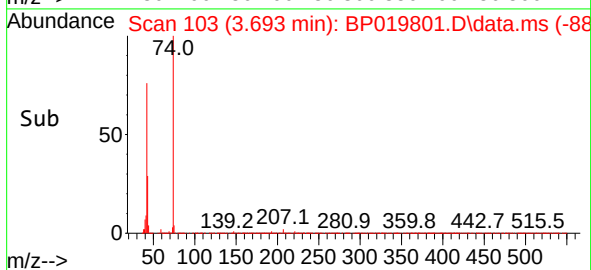
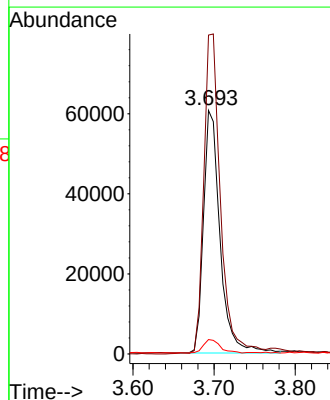
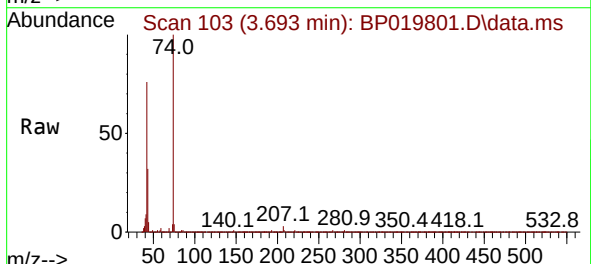
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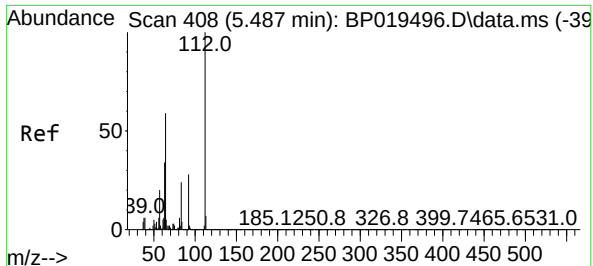
Tgt Ion: 79 Resp: 153261
Ion Ratio Lower Upper
79 100
52 57.2 45.0 67.6
51 33.5 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 43.594 ng
RT: 3.693 min Scan# 103
Delta R.T. -0.012 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

Tgt Ion: 42 Resp: 85877
Ion Ratio Lower Upper
42 100
74 130.9 103.4 155.2
44 5.9 4.8 7.2

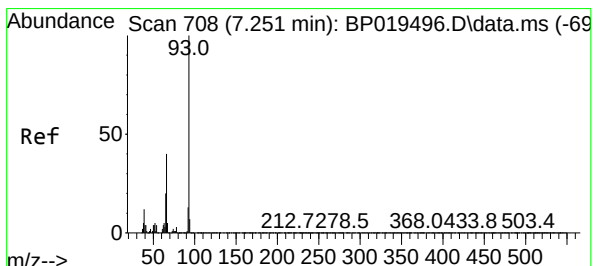
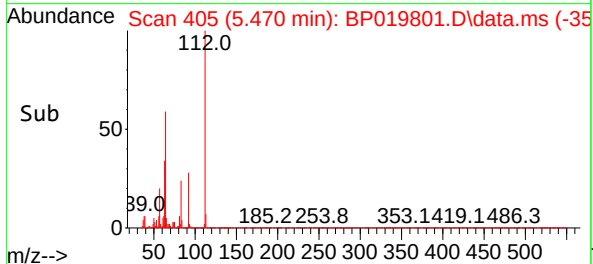
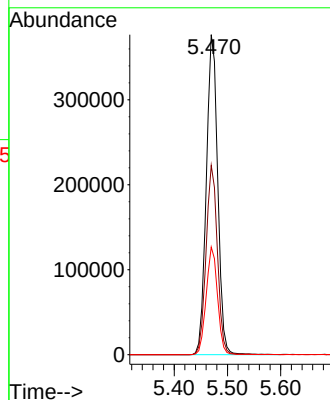
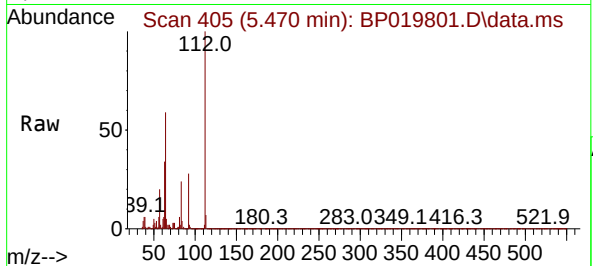




#5
2-Fluorophenol
Concen: 129.447 ng
RT: 5.470 min Scan# 408
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

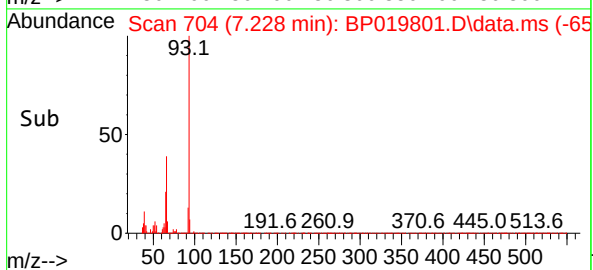
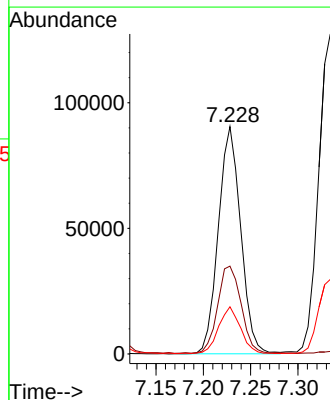
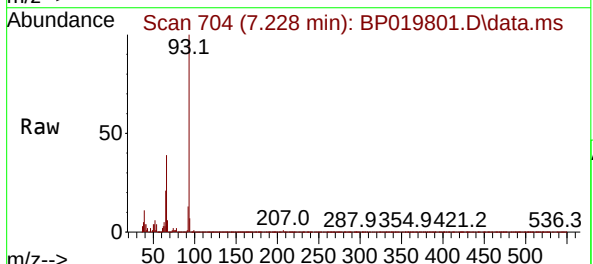
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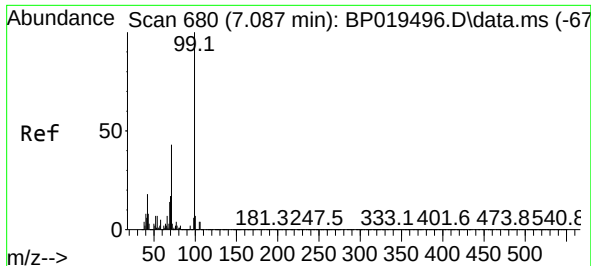
Tgt Ion:112 Resp: 560729
Ion Ratio Lower Upper
112 100
64 59.2 47.4 71.0
63 33.7 27.0 40.6



#6
Aniline
Concen: 26.254 ng
RT: 7.228 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

Tgt Ion: 93 Resp: 149002
Ion Ratio Lower Upper
93 100
66 38.7 32.3 48.5
65 20.7 16.4 24.6

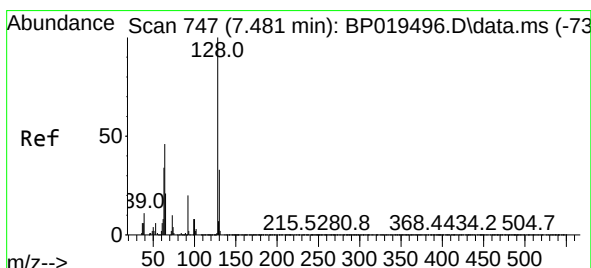
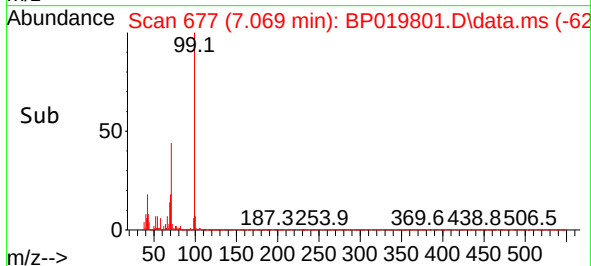
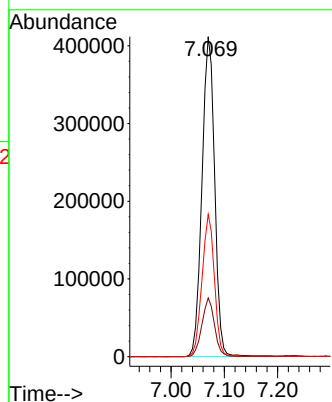
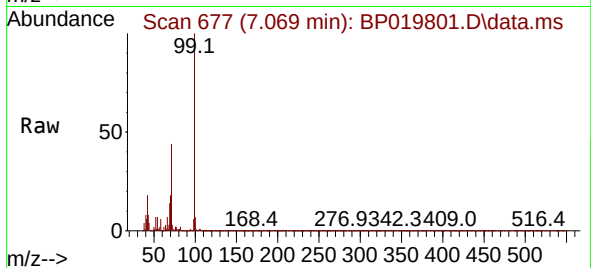




#7
Phenol-d6
Concen: 116.870 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

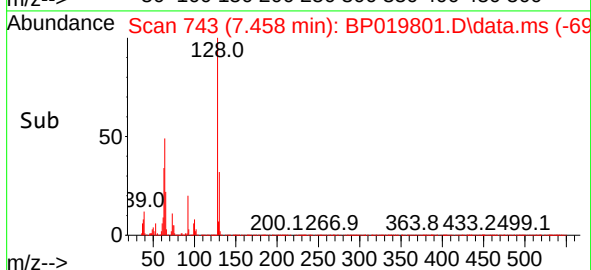
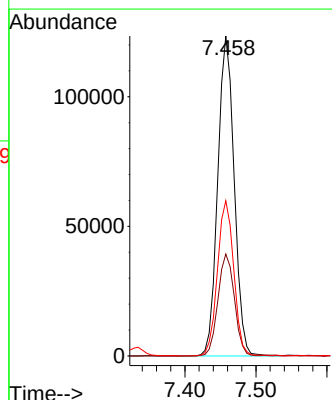
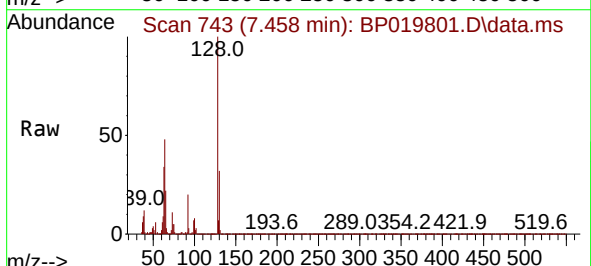
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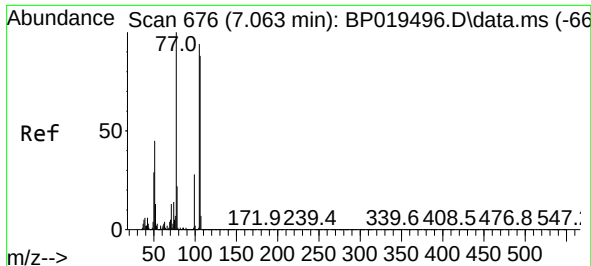
Tgt Ion: 99 Resp: 682610
Ion Ratio Lower Upper
99 100
42 18.3 14.7 22.1
71 44.4 34.8 52.2



#8
2-Chlorophenol
Concen: 44.450 ng
RT: 7.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

Tgt Ion: 128 Resp: 197682
Ion Ratio Lower Upper
128 100
130 31.9 13.3 53.3
64 48.5 29.7 69.7

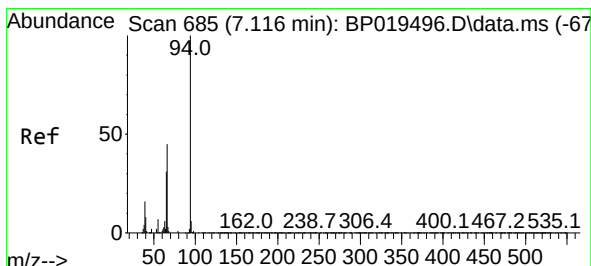
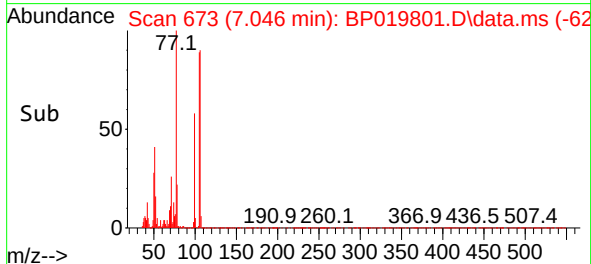
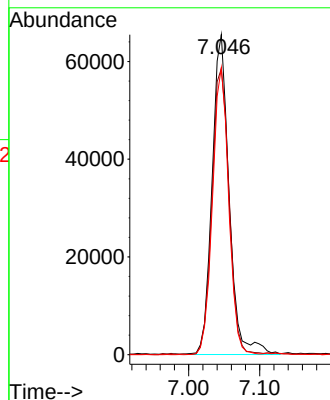
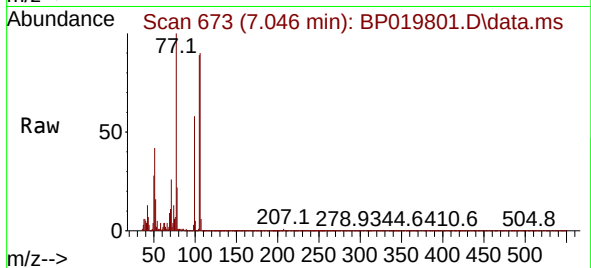




#9
Benzaldehyde
Concen: 26.707 ng m
RT: 7.046 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

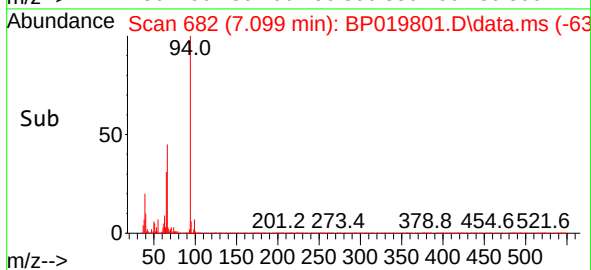
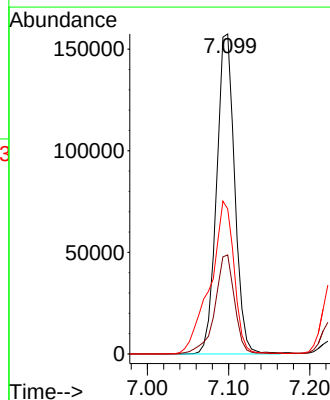
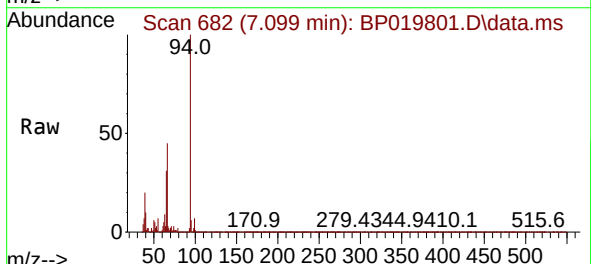
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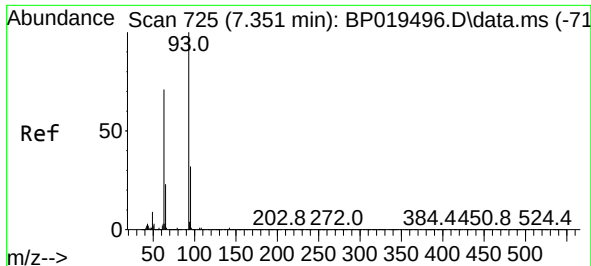
Tgt Ion: 77 Resp: 109365
Ion Ratio Lower Upper
77 100
105 89.3 74.0 114.0
106 89.7 67.8 107.8



#10
Phenol
Concen: 41.827 ng
RT: 7.099 min Scan# 682
Delta R.T. 0.000 min
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Tgt Ion: 94 Resp: 243490
Ion Ratio Lower Upper
94 100
65 31.0 11.3 51.3
66 45.3 25.1 65.1

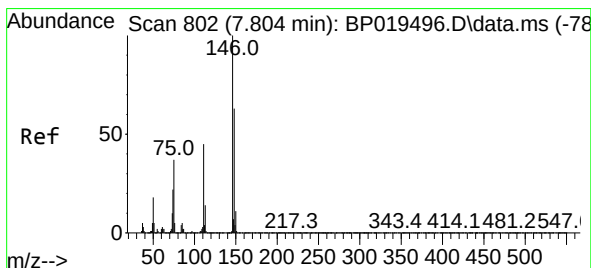
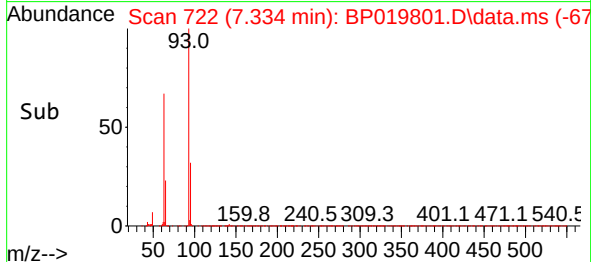
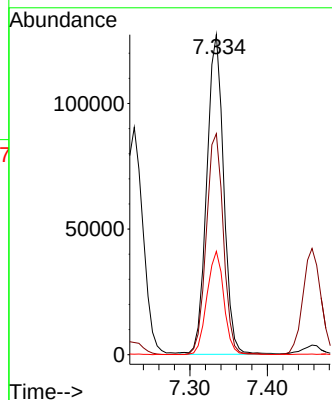
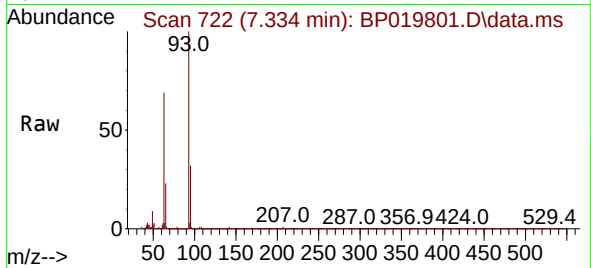




#11
bis(2-Chloroethyl)ether
Concen: 42.574 ng
RT: 7.334 min Scan# 711
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

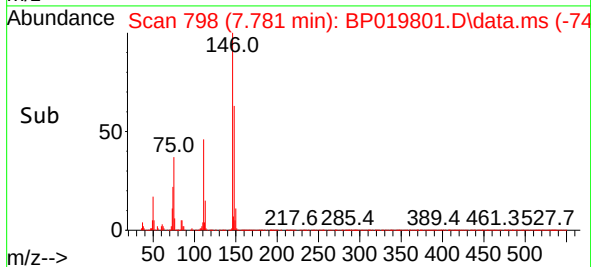
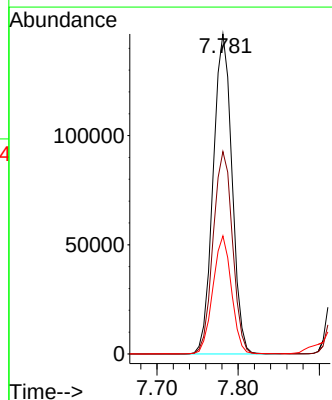
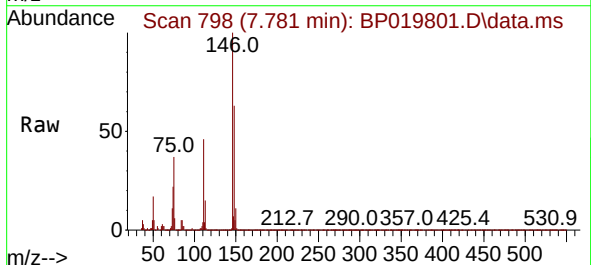
Instrument :
BNA_P
ClientSampleId :
PB159140BS

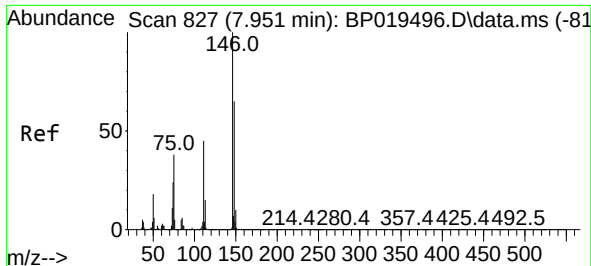
Tgt Ion: 93 Resp: 192816
Ion Ratio Lower Upper
93 100
63 69.0 51.2 91.2
95 32.3 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 43.442 ng
RT: 7.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

Tgt Ion:146 Resp: 236400
Ion Ratio Lower Upper
146 100
148 63.3 50.4 75.6
75 36.9 29.9 44.9

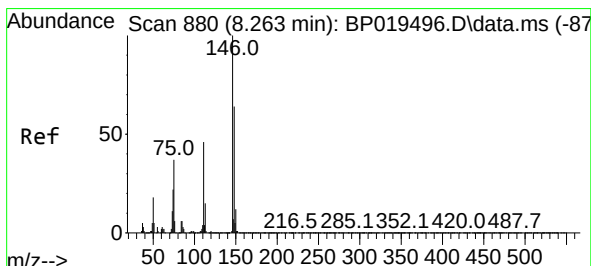
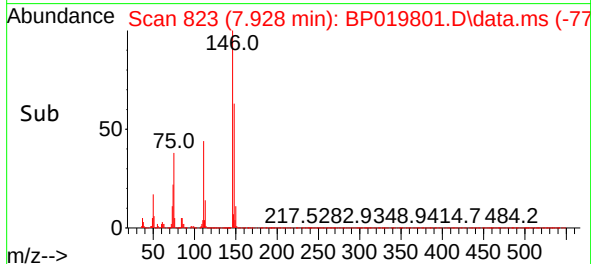
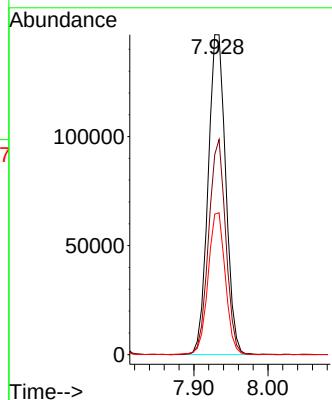
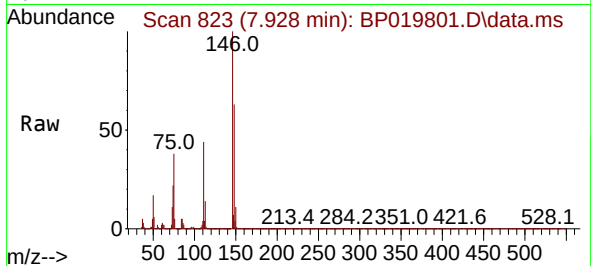




#13
1,4-Dichlorobenzene
Concen: 43.855 ng
RT: 7.928 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

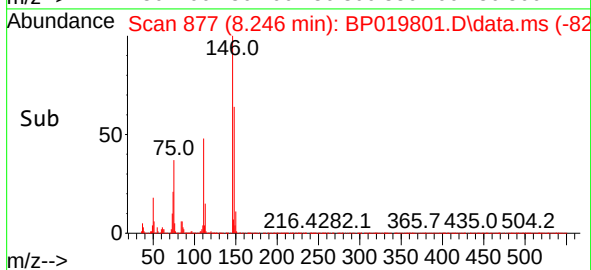
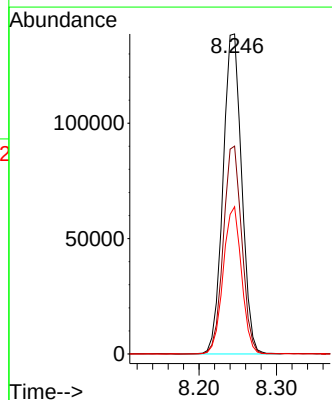
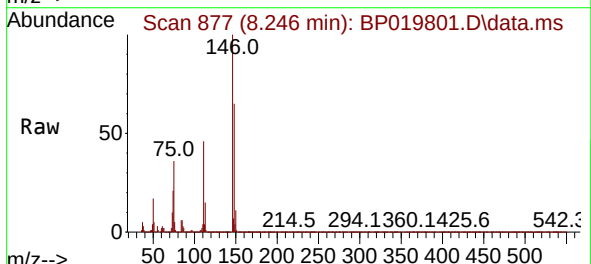
Instrument :
BNA_P
ClientSampleId :
PB159140BS

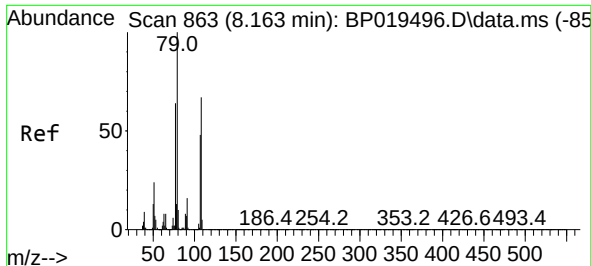
Tgt Ion:146 Resp: 241785
Ion Ratio Lower Upper
146 100
148 62.5 51.9 77.9
111 43.9 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 43.548 ng
RT: 8.246 min Scan# 877
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

Tgt Ion:146 Resp: 232297
Ion Ratio Lower Upper
146 100
148 65.0 51.4 77.0
111 46.0 37.0 55.6

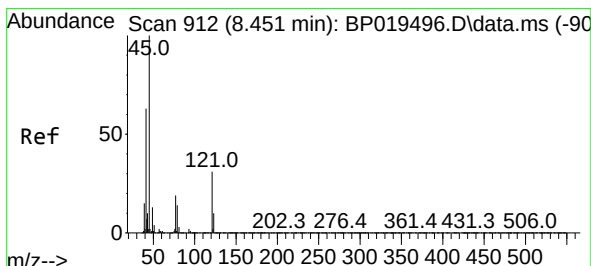
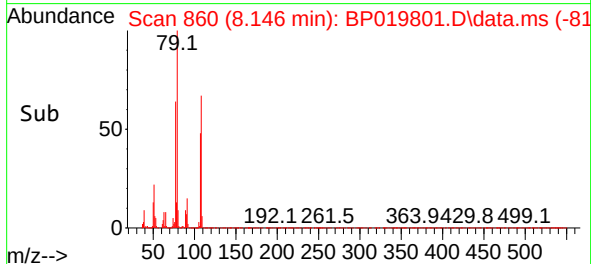
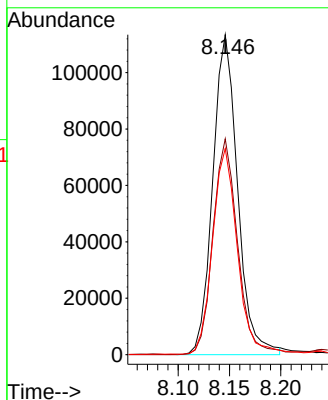
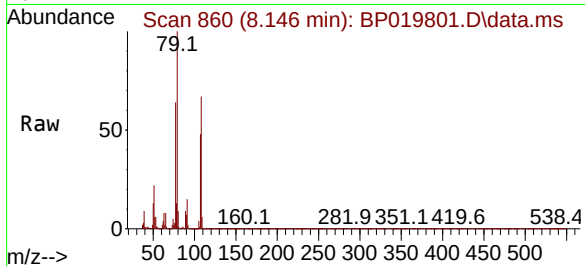




#15
Benzyl Alcohol
Concen: 40.996 ng m
RT: 8.146 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

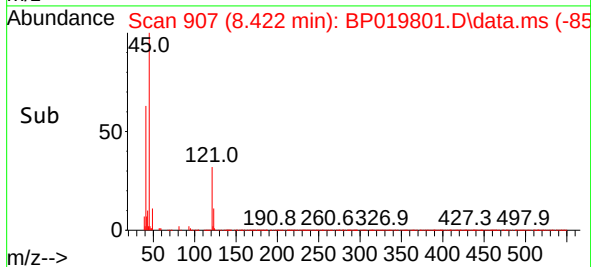
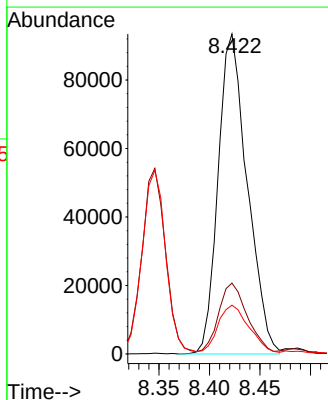
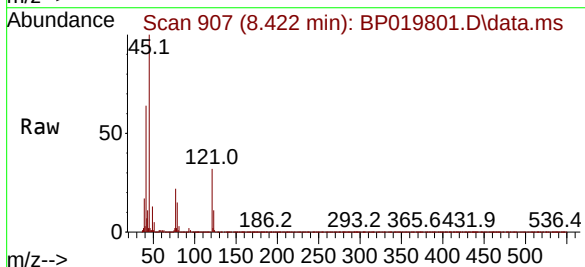
Instrument :
BNA_P
ClientSampleId :
PB159140BS

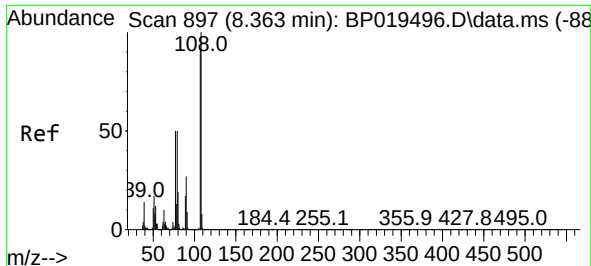
Tgt Ion: 79 Resp: 191321
Ion Ratio Lower Upper
79 100
108 67.4 53.8 80.6
77 64.4 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.404 ng m
RT: 8.422 min Scan# 907
Delta R.T. -0.018 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

Tgt Ion: 45 Resp: 187514
Ion Ratio Lower Upper
45 100
77 22.1 0.8 40.8
79 15.3 0.0 35.5

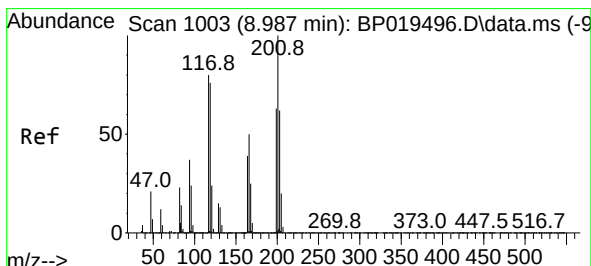
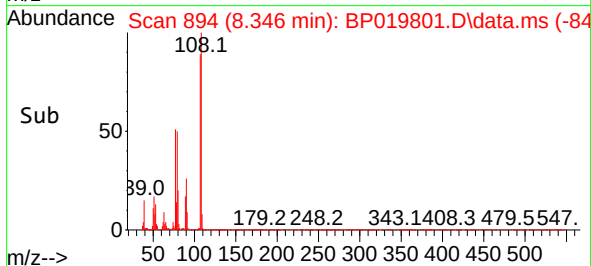
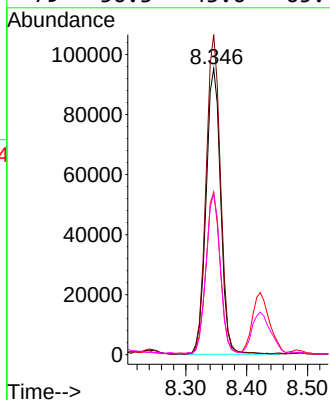
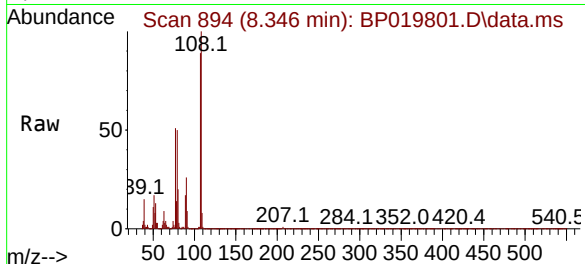




#17
2-Methylphenol
Concen: 40.317 ng
RT: 8.346 min Scan# 897
Delta R.T. 0.000 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

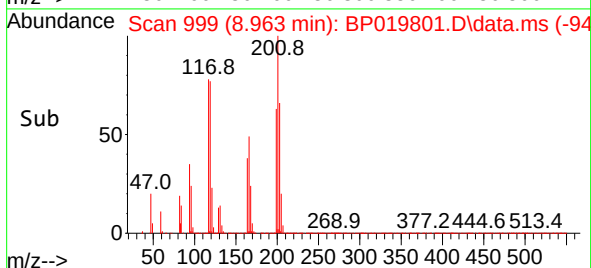
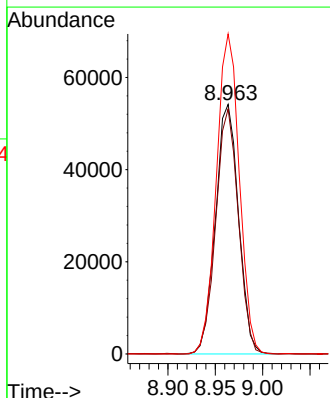
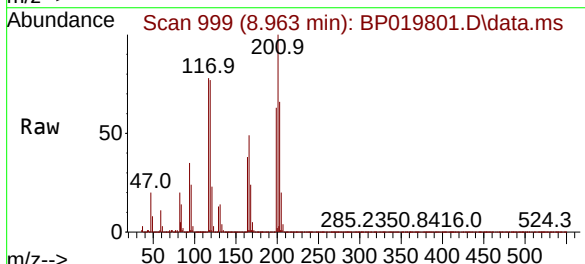
Instrument :
BNA_P
ClientSampleId :
PB159140BS

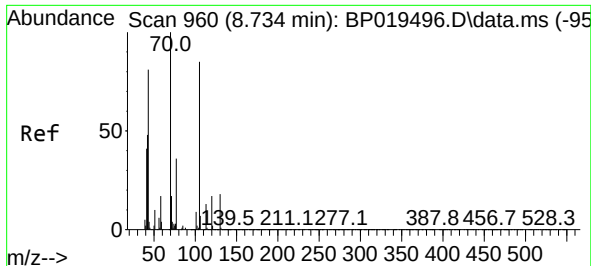
Tgt Ion:	107	Resp:	158009
Ion	Ratio	Lower	Upper
107	100		
108	111.9	87.0	130.6
77	56.9	43.5	65.3
79	56.3	43.6	65.4



#18
Hexachloroethane
Concen: 43.051 ng
RT: 8.963 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

Tgt Ion:	117	Resp:	91999
Ion	Ratio	Lower	Upper
117	100		
119	98.2	75.5	113.3
201	128.2	99.4	149.2

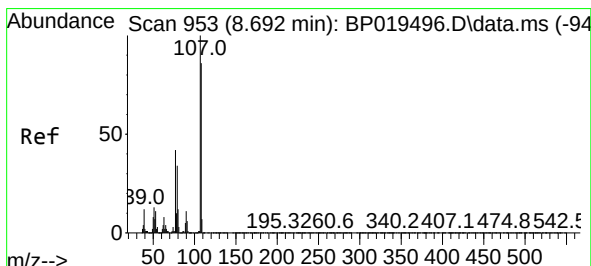
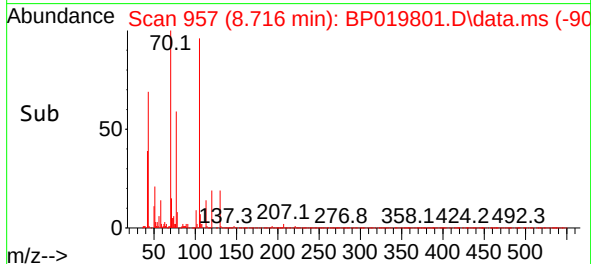
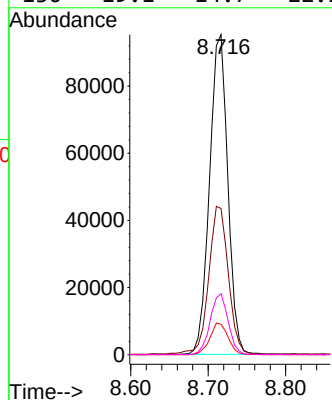
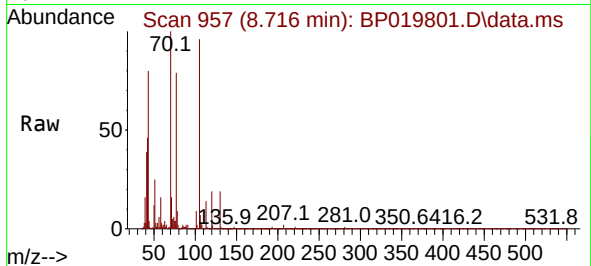




#19
n-Nitroso-di-n-propylamine
Concen: 39.076 ng
RT: 8.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

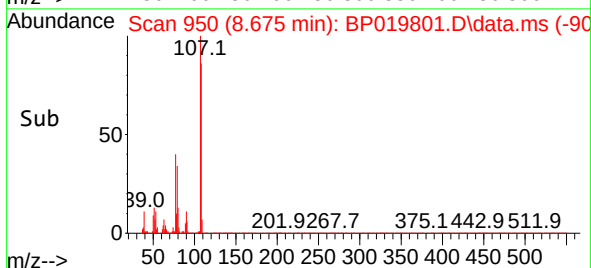
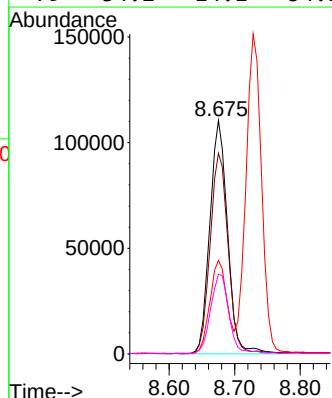
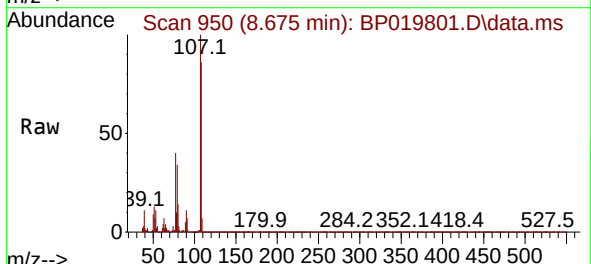
Instrument :
BNA_P
ClientSampleId :
PB159140BS

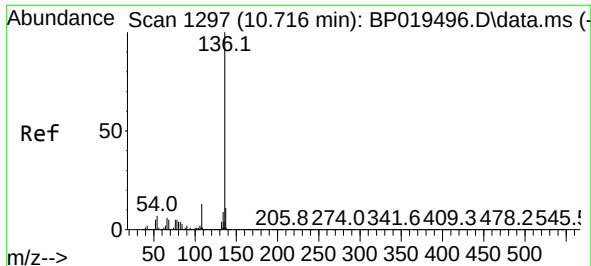
Tgt Ion: 70 Resp: 155894
Ion Ratio Lower Upper
70 100
42 45.7 39.2 58.8
101 9.5 7.3 10.9
130 19.1 14.7 22.1



#20
3+4-Methylphenols
Concen: 38.819 ng
RT: 8.675 min Scan# 950
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

Tgt Ion: 107 Resp: 207629
Ion Ratio Lower Upper
107 100
108 86.1 65.5 105.5
77 40.1 21.8 61.8
79 34.2 14.1 54.1

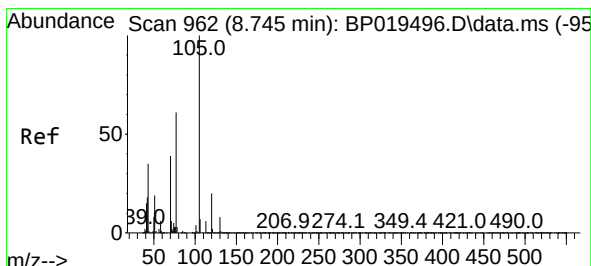
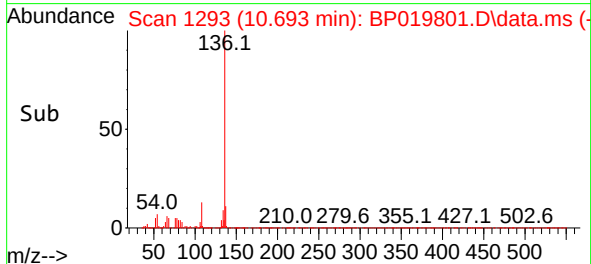
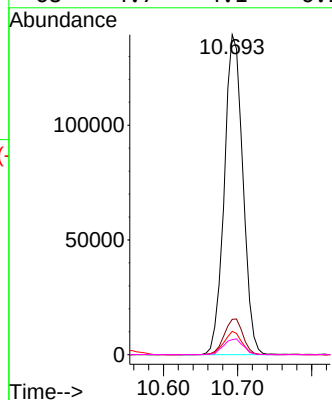
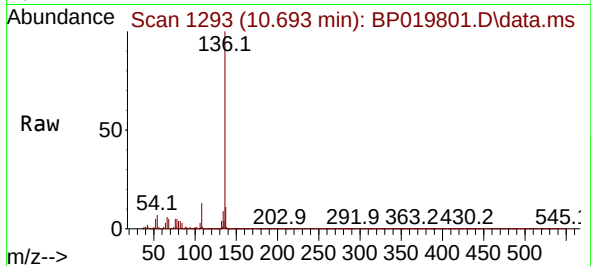




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

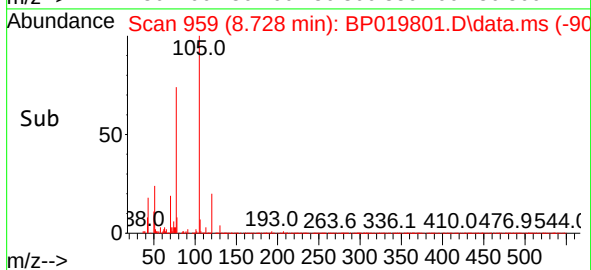
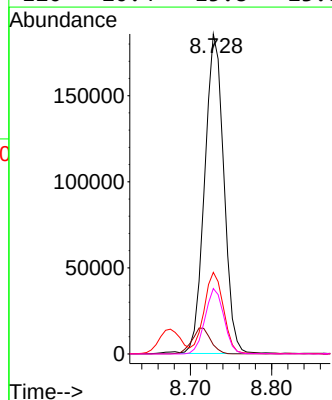
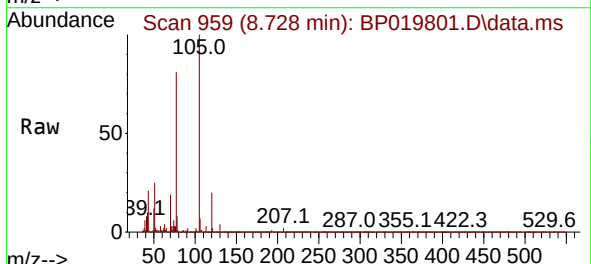
Instrument :
BNA_P
ClientSampleId :
PB159140BS

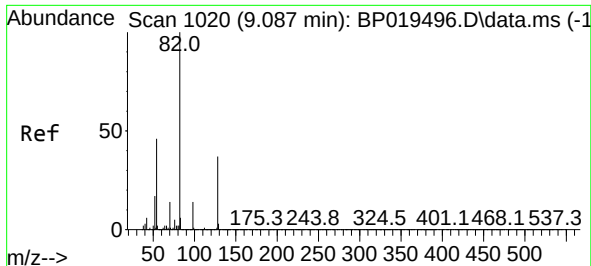
Tgt Ion:	136	Resp:	242615
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.3	5.3	7.9
68	4.7	4.1	6.1



#22
Acetophenone
Concen: 43.875 ng
RT: 8.728 min Scan# 959
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

Tgt Ion:	105	Resp:	303251
Ion	Ratio	Lower	Upper
105	100		
71	2.9	4.9	7.3#
51	25.5	20.7	31.1
120	20.4	15.8	23.8

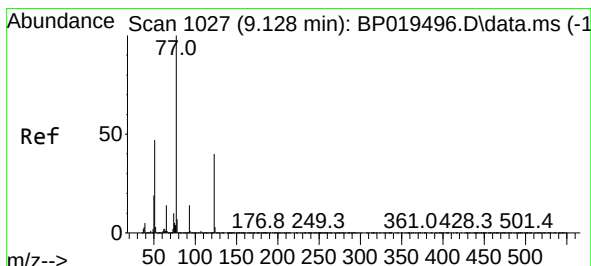
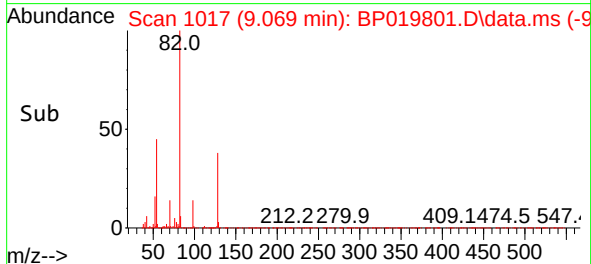
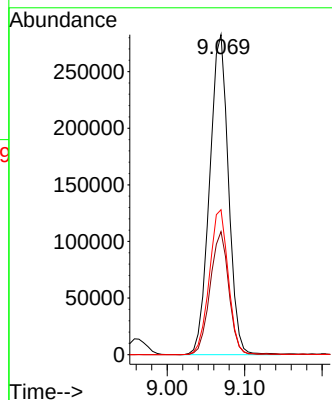
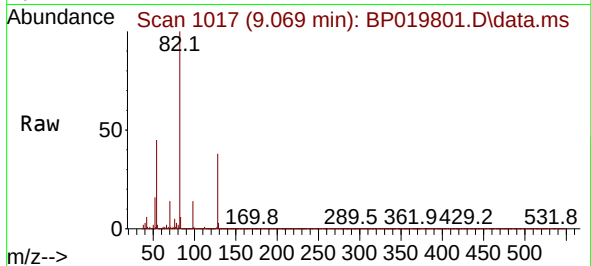




#23
Nitrobenzene-d5
Concen: 85.160 ng
RT: 9.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

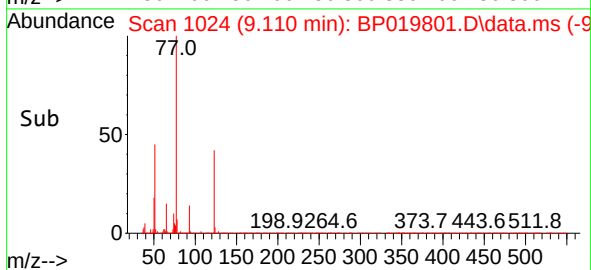
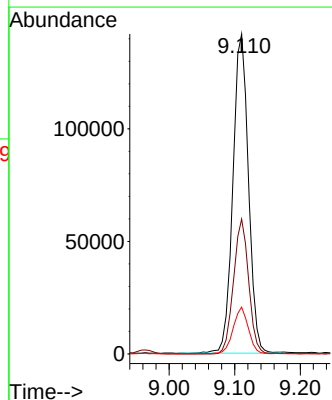
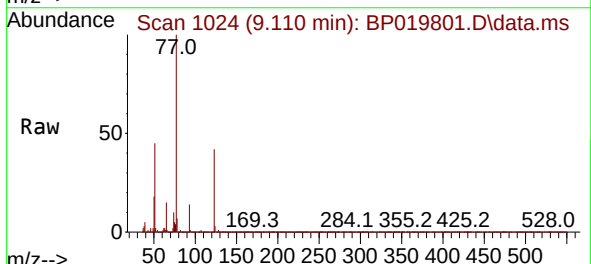
Instrument :
BNA_P
ClientSampleId :
PB159140BS

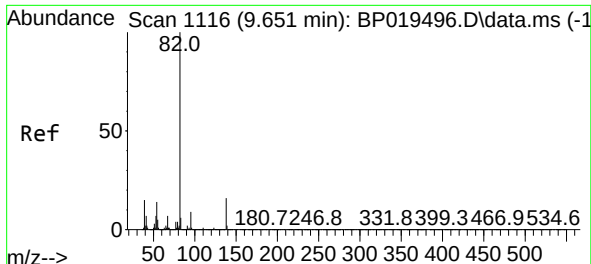
Tgt Ion: 82 Resp: 476813
Ion Ratio Lower Upper
82 100
128 38.4 29.7 44.5
54 45.3 36.8 55.2



#24
Nitrobenzene
Concen: 41.525 ng
RT: 9.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

Tgt Ion: 77 Resp: 234091
Ion Ratio Lower Upper
77 100
123 42.1 32.3 48.5
65 14.6 11.6 17.4

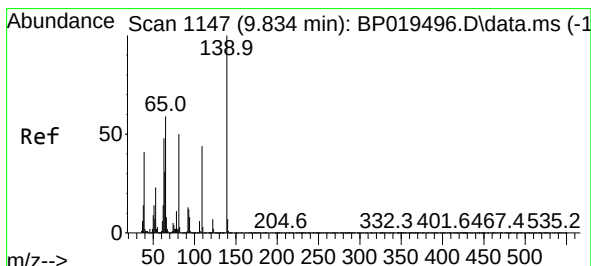
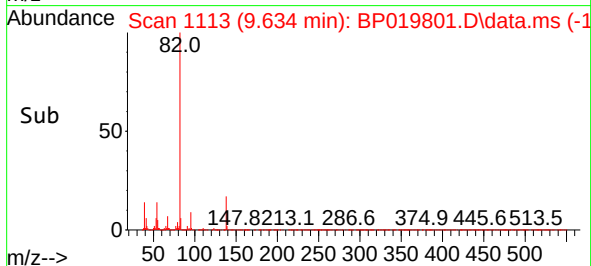
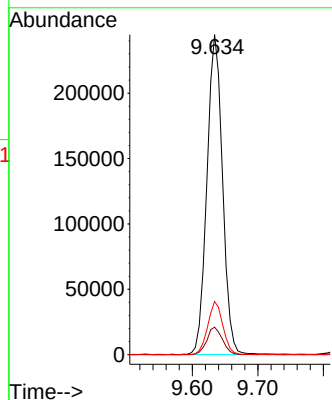
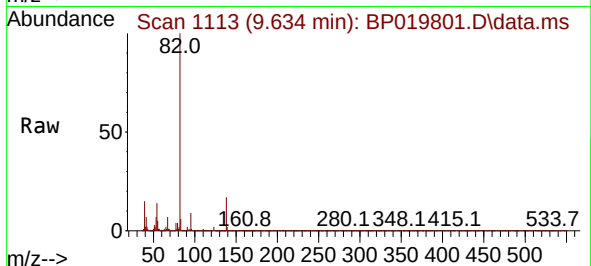




#25
Isophorone
Concen: 41.551 ng
RT: 9.634 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

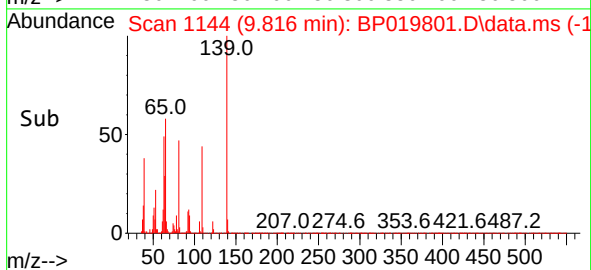
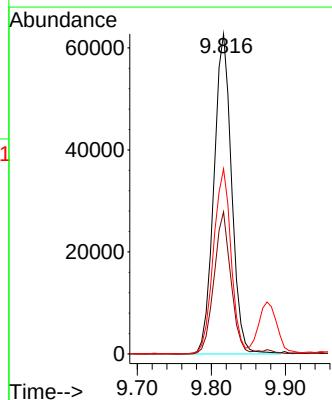
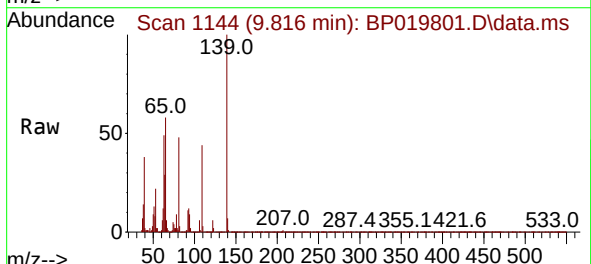
Instrument :
BNA_P
ClientSampleId :
PB159140BS

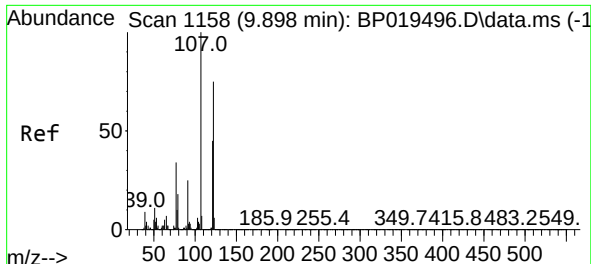
Tgt Ion: 82 Resp: 405172
Ion Ratio Lower Upper
82 100
95 8.6 7.0 10.4
138 16.6 13.1 19.7



#26
2-Nitrophenol
Concen: 48.387 ng
RT: 9.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

Tgt Ion: 139 Resp: 104007
Ion Ratio Lower Upper
139 100
109 44.4 34.9 52.3
65 57.9 47.5 71.3

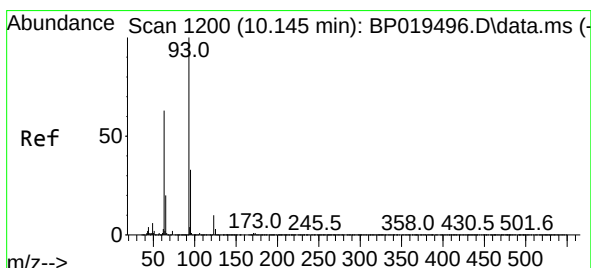
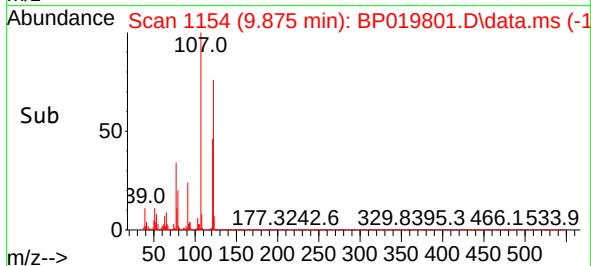
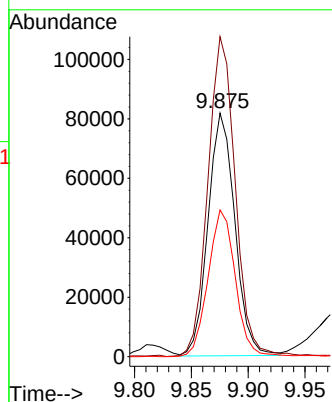
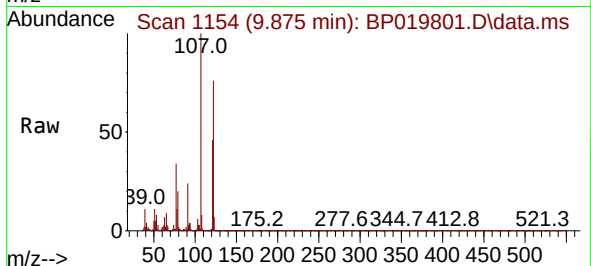




#27
2,4-Dimethylphenol
Concen: 48.900 ng
RT: 9.875 min Scan# 1158
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

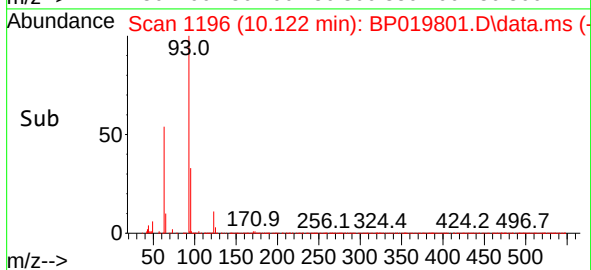
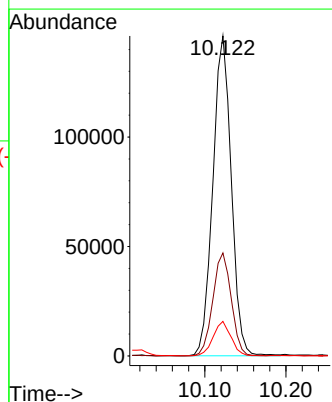
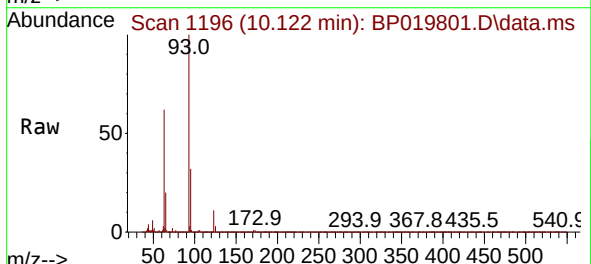
Instrument :
BNA_P
ClientSampleId :
PB159140BS

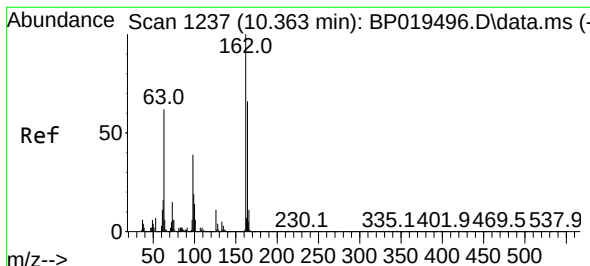
Tgt Ion:122 Resp: 134403
Ion Ratio Lower Upper
122 100
107 131.4 105.9 158.9
121 60.3 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 41.845 ng
RT: 10.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

Tgt Ion: 93 Resp: 230859
Ion Ratio Lower Upper
93 100
95 32.2 26.2 39.4
123 10.8 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 44.098 ng

RT: 10.346 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP019801.D

Acq: 21 Feb 2024 11:09

Instrument :

BNA_P

ClientSampleId :

PB159140BS

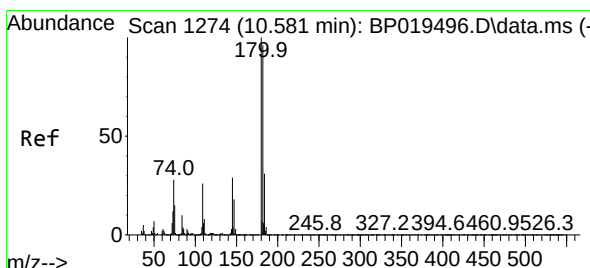
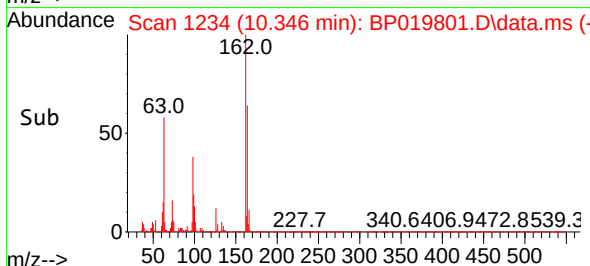
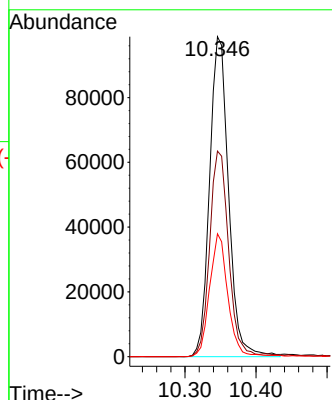
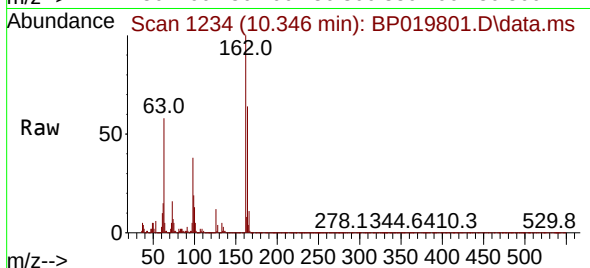
Tgt Ion:162 Resp: 183223

Ion Ratio Lower Upper

162 100

164 64.2 46.0 86.0

98 38.4 18.7 58.7



#30

1,2,4-Trichlorobenzene

Concen: 45.789 ng

RT: 10.557 min Scan# 1270

Delta R.T. -0.006 min

Lab File: BP019801.D

Acq: 21 Feb 2024 11:09

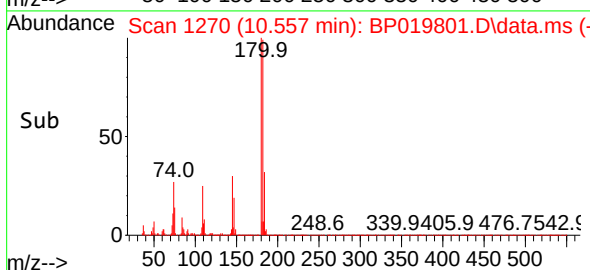
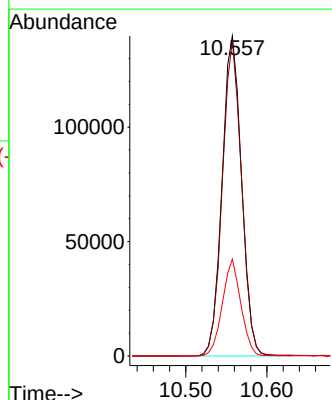
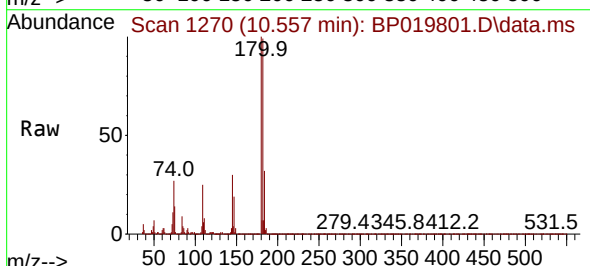
Tgt Ion:180 Resp: 233269

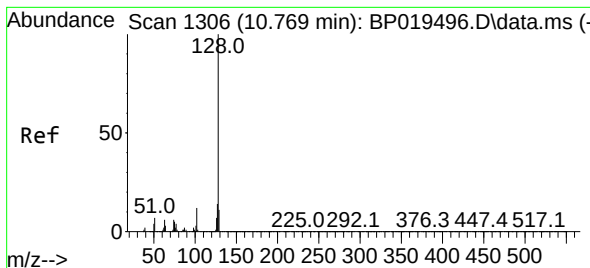
Ion Ratio Lower Upper

180 100

182 98.5 77.0 115.6

145 30.2 23.2 34.8

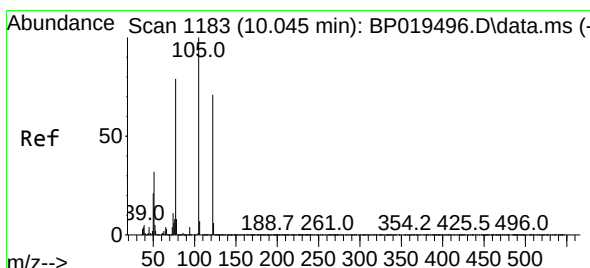
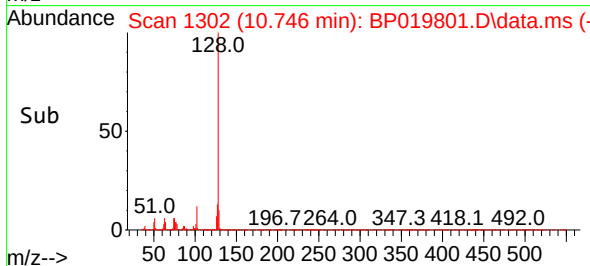
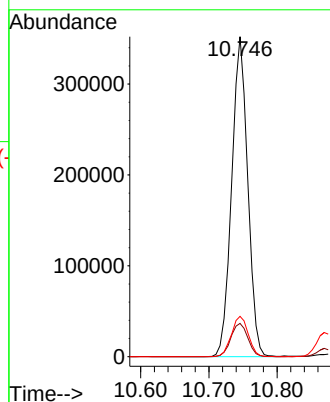
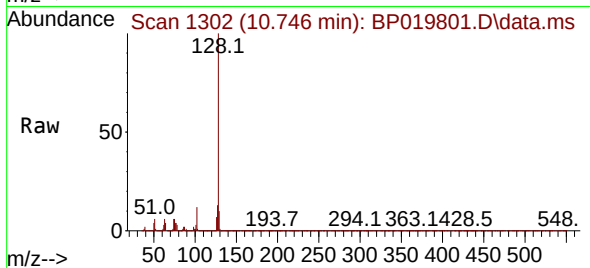




#31
Naphthalene
Concen: 43.333 ng
RT: 10.746 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

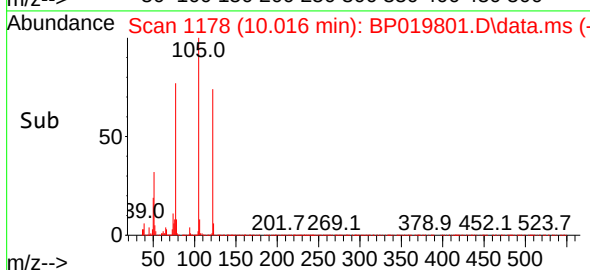
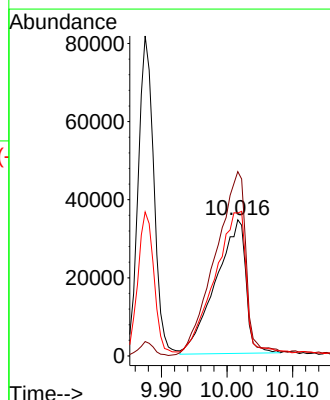
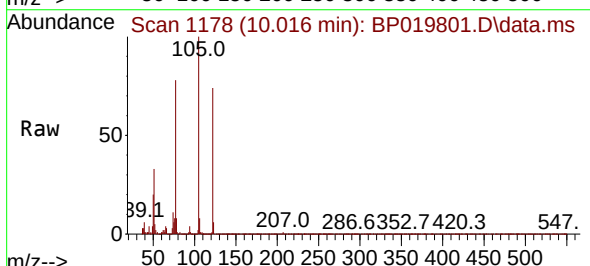
Instrument :
BNA_P
ClientSampleId :
PB159140BS

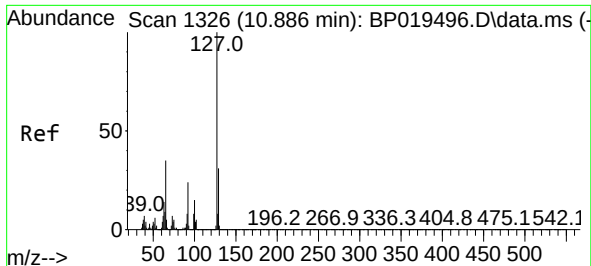
Tgt Ion:128 Resp: 576606
Ion Ratio Lower Upper
128 100
129 10.4 8.6 13.0
127 12.6 10.8 16.2



#32
Benzoic acid
Concen: 40.697 ng
RT: 10.016 min Scan# 1178
Delta R.T. -0.012 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

Tgt Ion:122 Resp: 108984
Ion Ratio Lower Upper
122 100
105 135.5 118.8 158.8
77 105.0 91.7 131.7

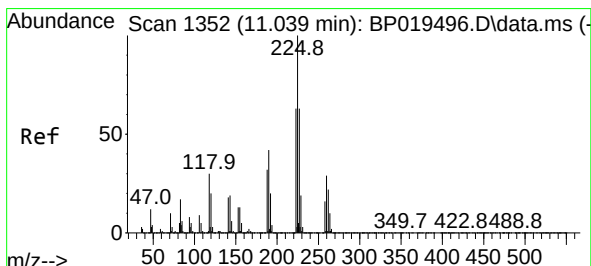
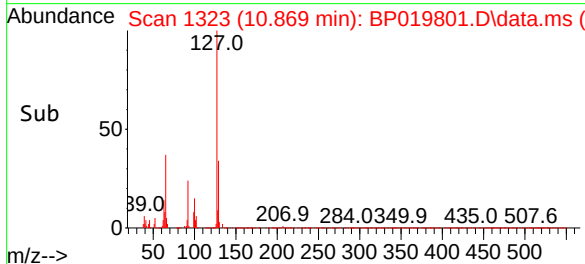
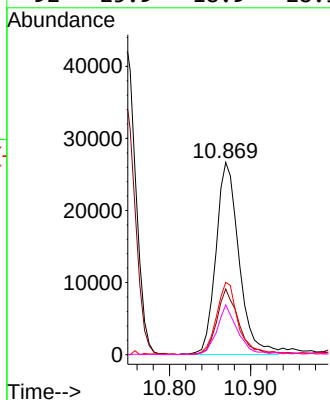
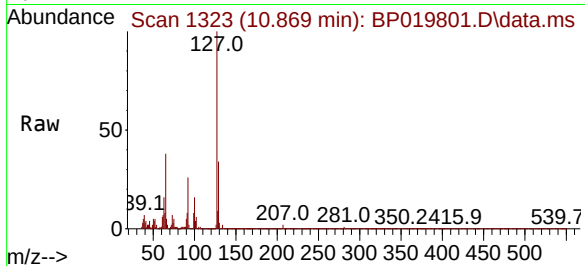




#33
4-Chloroaniline
Concen: 10.689 ng
RT: 10.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

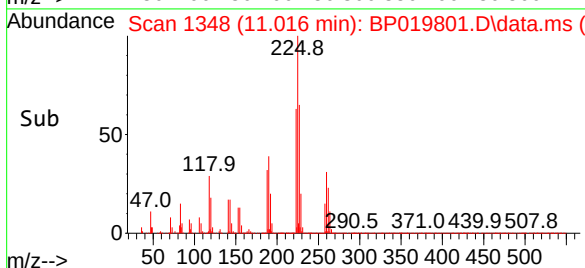
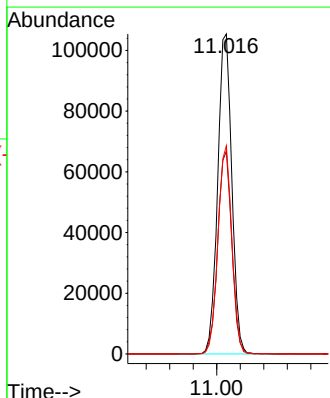
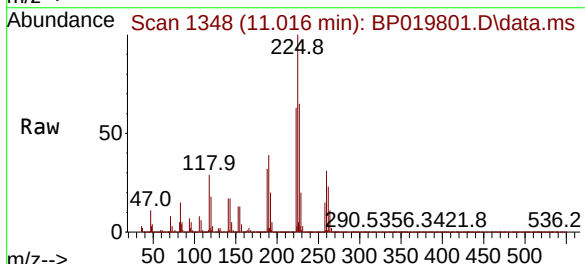
Instrument :
BNA_P
ClientSampleId :
PB159140BS

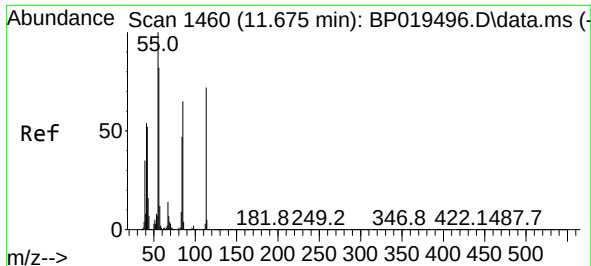
Tgt Ion:	127	Resp:	52598
Ion	Ratio	Lower	Upper
127	100		
129	34.2	24.6	36.8
65	37.6	28.2	42.4
92	25.9	18.9	28.3



#34
Hexachlorobutadiene
Concen: 46.510 ng
RT: 11.016 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

Tgt Ion:	225	Resp:	175582
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.5	75.7
227	65.0	50.2	75.2

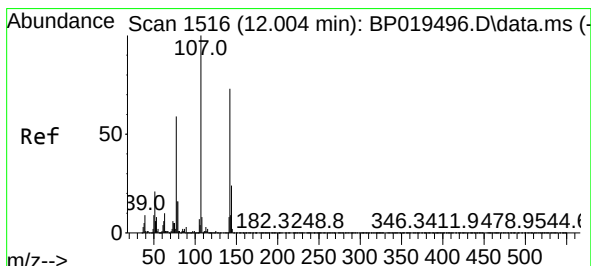
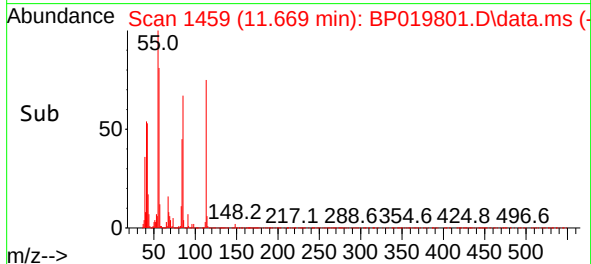
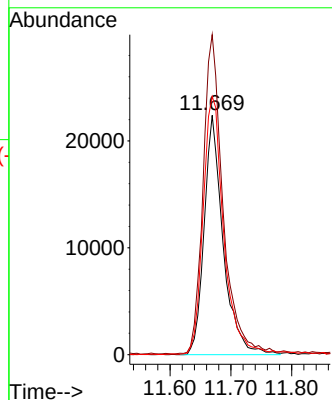
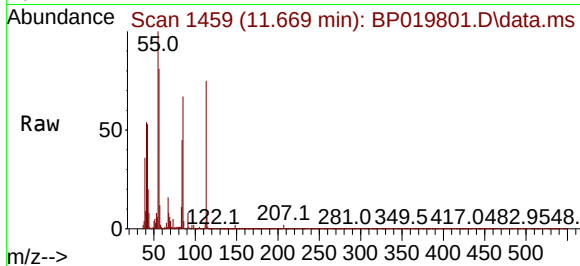




#35
Caprolactam
Concen: 41.255 ng
RT: 11.669 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

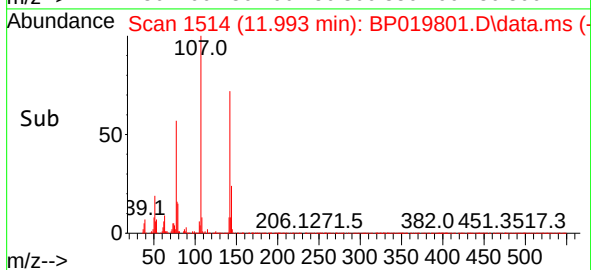
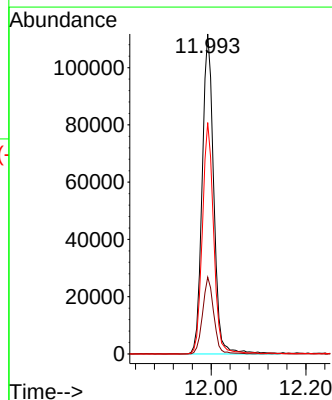
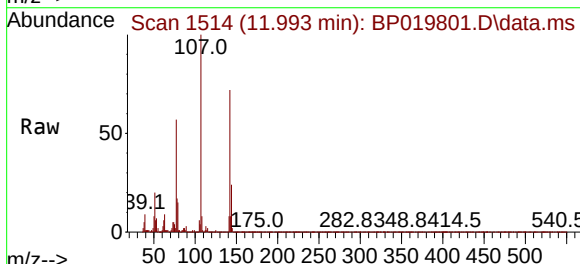
Instrument :
BNA_P
ClientSampleId :
PB159140BS

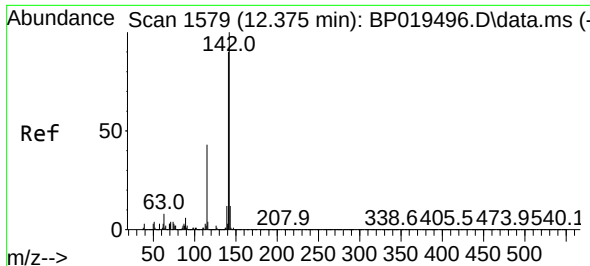
Tgt Ion:113 Resp: 48525
Ion Ratio Lower Upper
113 100
55 133.7 120.0 160.0
56 107.9 94.0 134.0



#36
4-Chloro-3-methylphenol
Concen: 41.703 ng
RT: 11.993 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

Tgt Ion:107 Resp: 188929
Ion Ratio Lower Upper
107 100
144 24.0 19.0 28.4
142 72.3 58.6 88.0

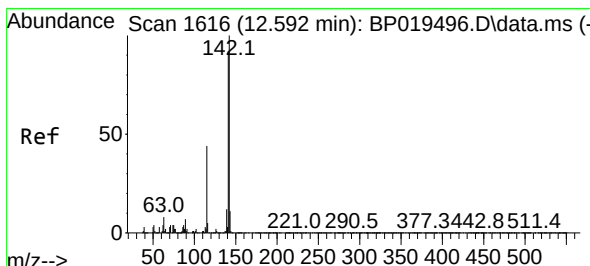
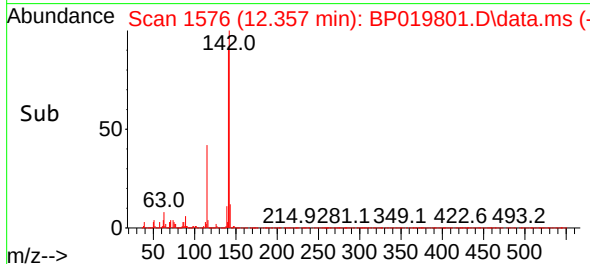
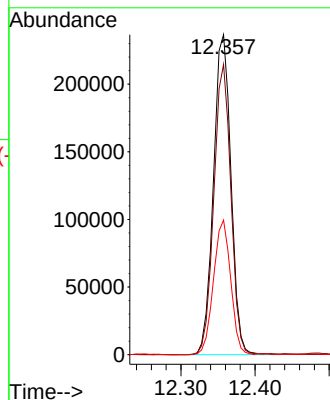
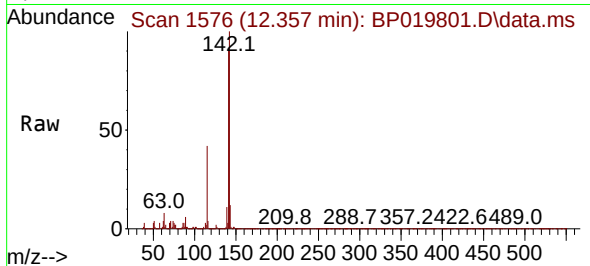




#37
2-Methylnaphthalene
Concen: 42.126 ng
RT: 12.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

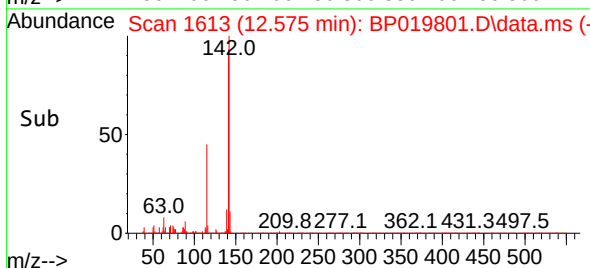
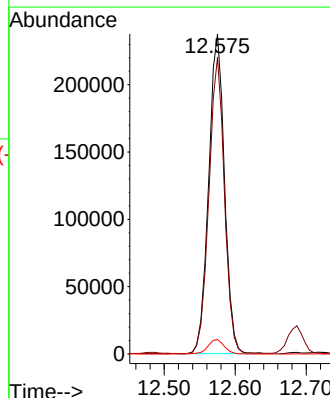
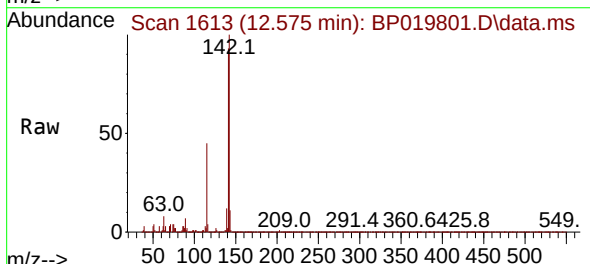
Instrument :
BNA_P
ClientSampleId :
PB159140BS

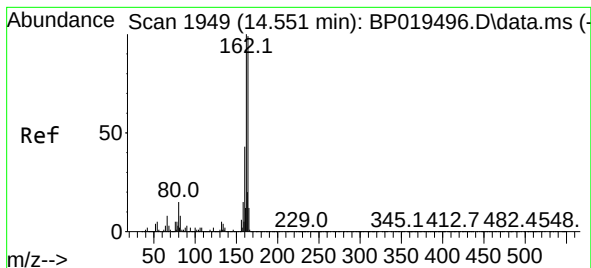
Tgt Ion:142 Resp: 387926
Ion Ratio Lower Upper
142 100
141 90.7 72.2 108.4
115 42.0 34.2 51.2



#38
1-Methylnaphthalene
Concen: 40.630 ng
RT: 12.575 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

Tgt Ion:142 Resp: 367675
Ion Ratio Lower Upper
142 100
141 92.6 74.0 111.0
116 4.5 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.528 min Scan# 14

Delta R.T. -0.012 min

Lab File: BP019801.D

Acq: 21 Feb 2024 11:09

Instrument :

BNA_P

ClientSampleId :

PB159140BS

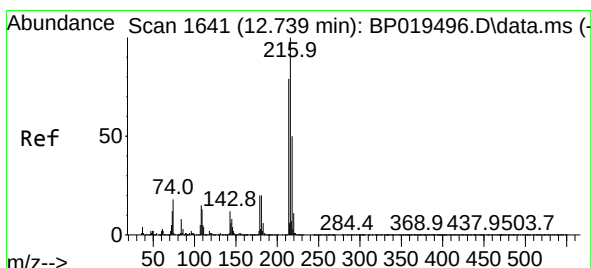
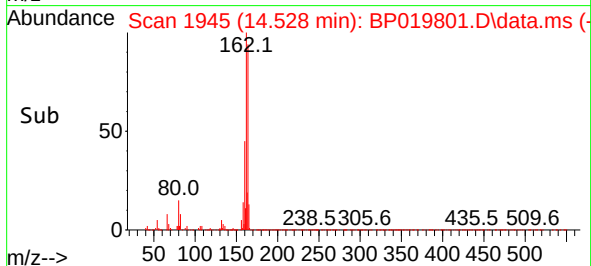
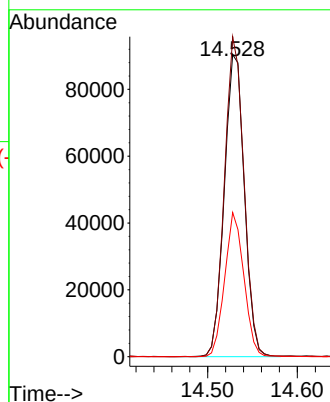
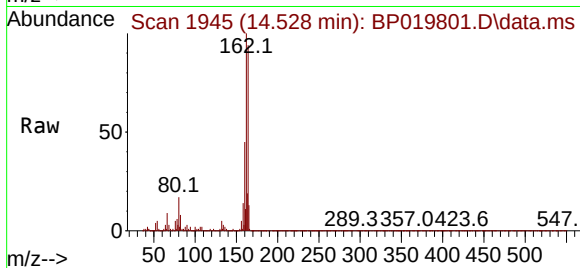
Tgt Ion:164 Resp: 140214

Ion Ratio Lower Upper

164 100

162 105.9 81.2 121.8

160 47.7 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.757 ng

RT: 12.716 min Scan# 1637

Delta R.T. -0.012 min

Lab File: BP019801.D

Acq: 21 Feb 2024 11:09

Tgt Ion:216 Resp: 274472

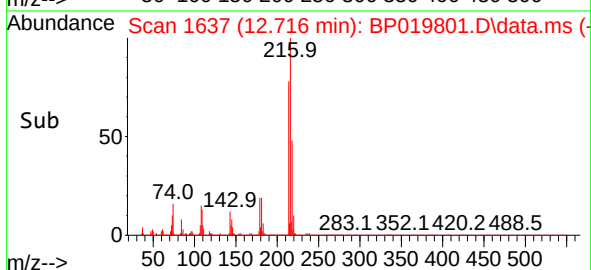
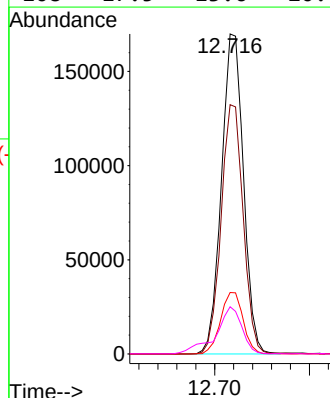
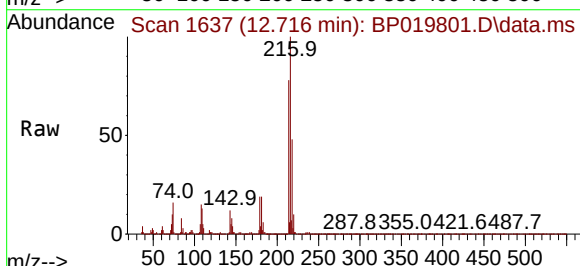
Ion Ratio Lower Upper

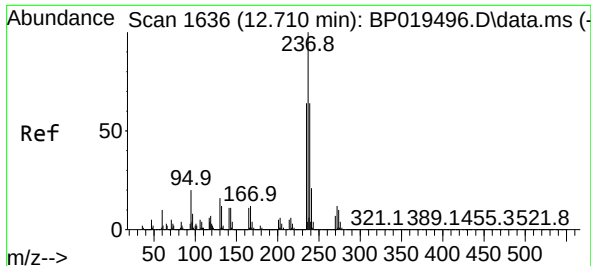
216 100

214 78.2 62.8 94.2

179 19.7 16.6 24.8

108 17.5 13.6 20.4

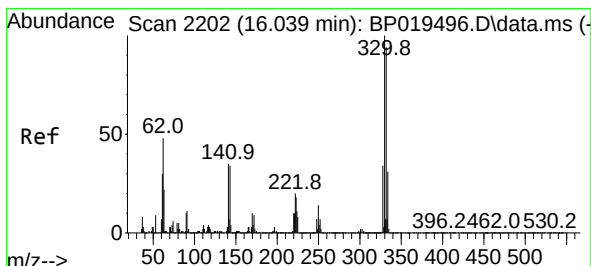
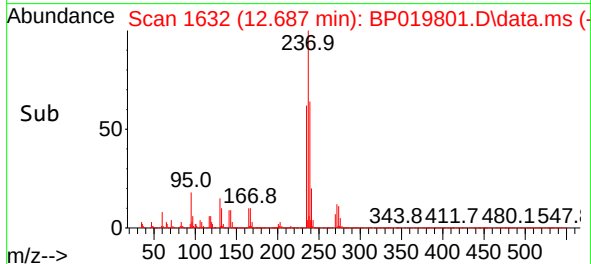
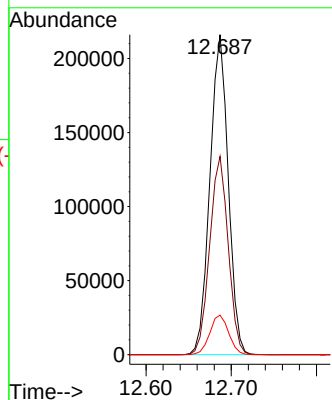
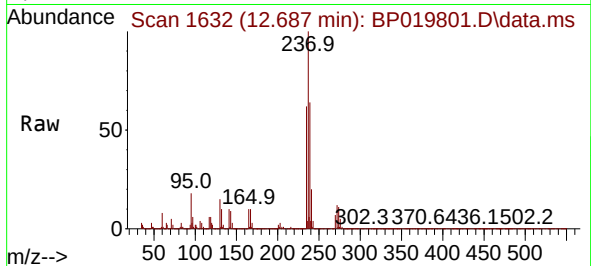




#41
Hexachlorocyclopentadiene
Concen: 132.090 ng
RT: 12.687 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

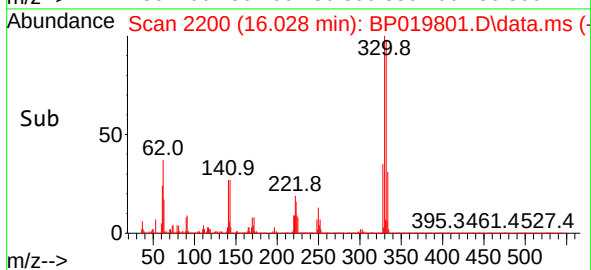
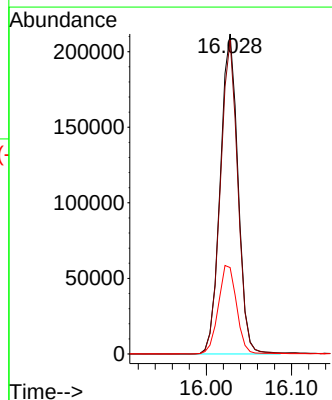
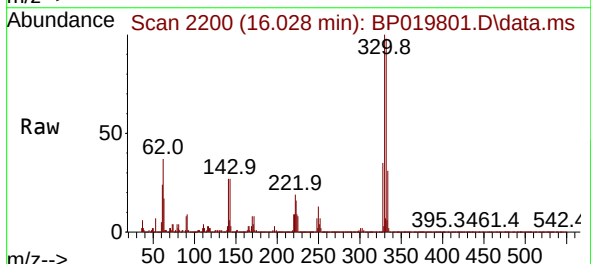
Instrument :
BNA_P
ClientSampleId :
PB159140BS

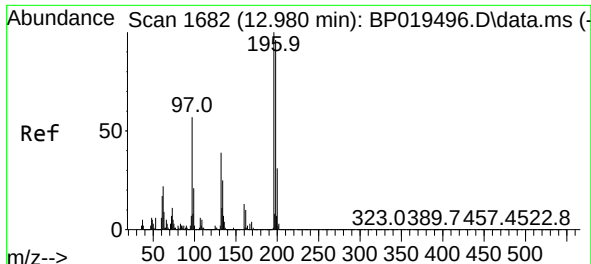
Tgt Ion:237 Resp: 322676
Ion Ratio Lower Upper
237 100
235 61.9 43.7 83.7
272 12.3 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 149.248 ng
RT: 16.028 min Scan# 2200
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

Tgt Ion:330 Resp: 305545
Ion Ratio Lower Upper
330 100
332 96.7 77.2 115.8
141 28.5 27.0 40.4

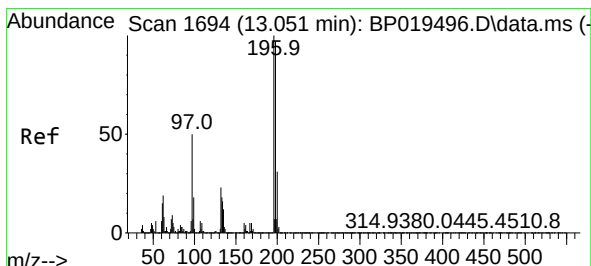
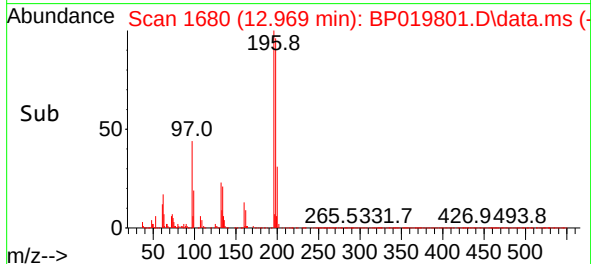
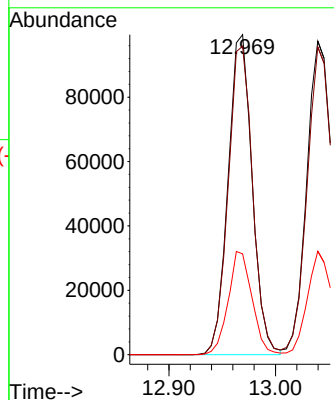
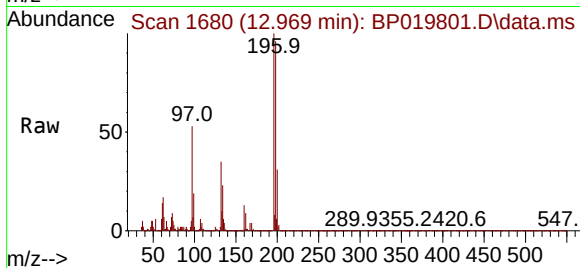




#43
2,4,6-Trichlorophenol
Concen: 47.769 ng
RT: 12.969 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

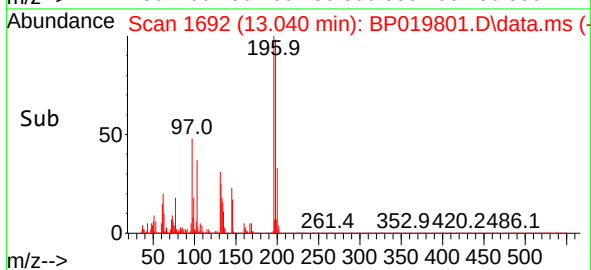
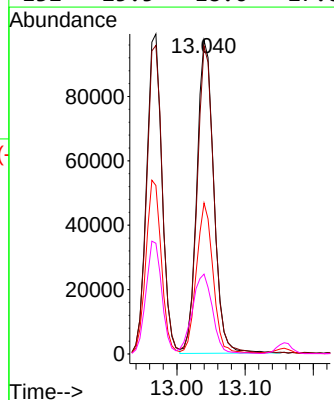
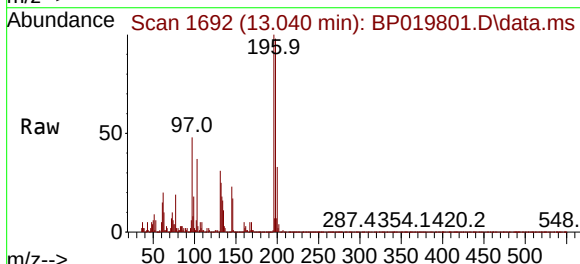
Instrument :
BNA_P
ClientSampleId :
PB159140BS

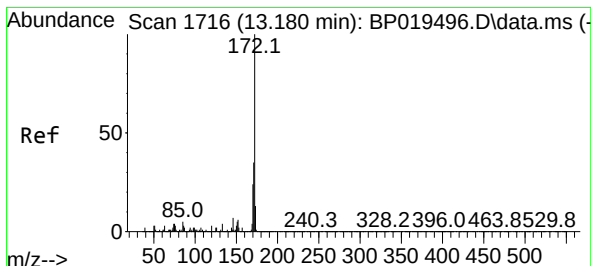
Tgt Ion:196 Resp: 156416
Ion Ratio Lower Upper
196 100
198 96.4 76.7 115.1
200 31.5 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 46.582 ng
RT: 13.040 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

Tgt Ion:196 Resp: 167486
Ion Ratio Lower Upper
196 100
198 98.1 77.5 116.3
97 48.1 39.9 59.9
132 25.5 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 89.151 ng

RT: 13.157 min Scan# 1712

Delta R.T. -0.006 min

Lab File: BP019801.D

Acq: 21 Feb 2024 11:09

Instrument :

BNA_P

ClientSampleId :

PB159140BS

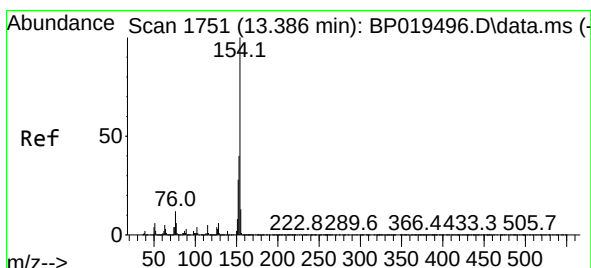
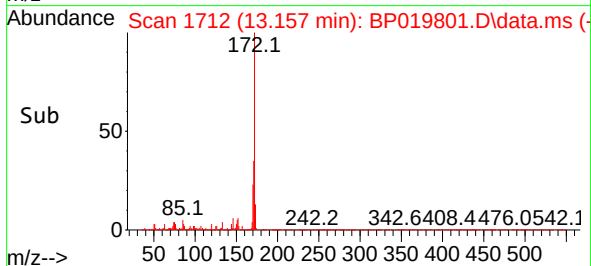
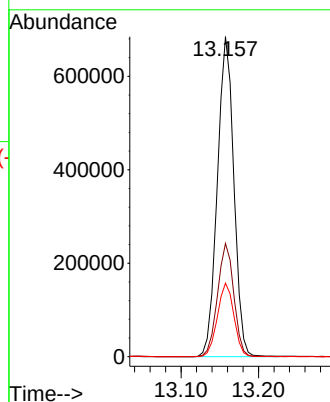
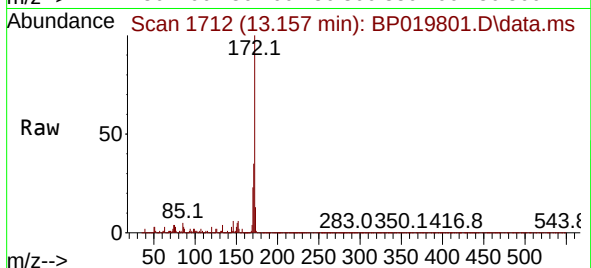
Tgt Ion:172 Resp: 1011161

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.0 18.9 28.3



#46

1,1'-Biphenyl

Concen: 45.504 ng

RT: 13.369 min Scan# 1748

Delta R.T. -0.006 min

Lab File: BP019801.D

Acq: 21 Feb 2024 11:09

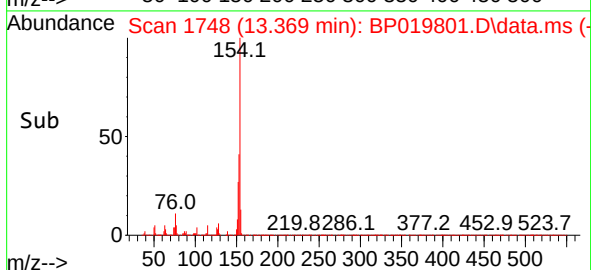
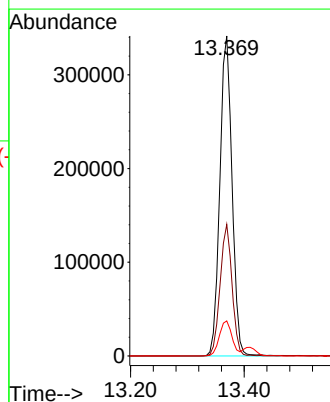
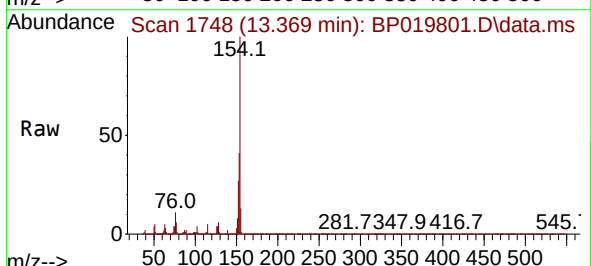
Tgt Ion:154 Resp: 509236

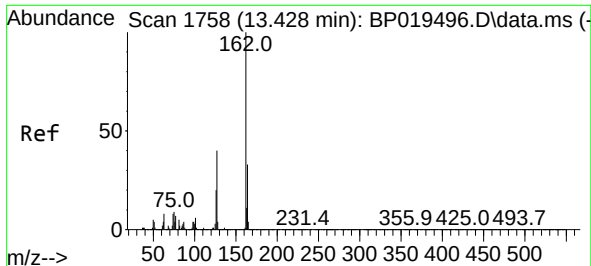
Ion Ratio Lower Upper

154 100

153 41.1 20.2 60.2

76 10.9 0.0 31.6

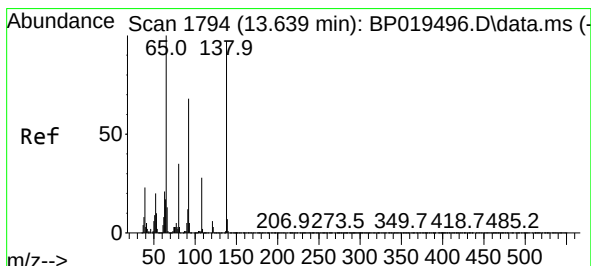
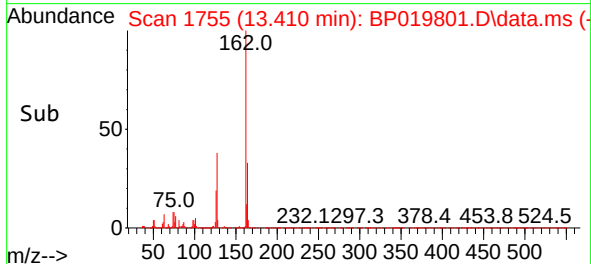
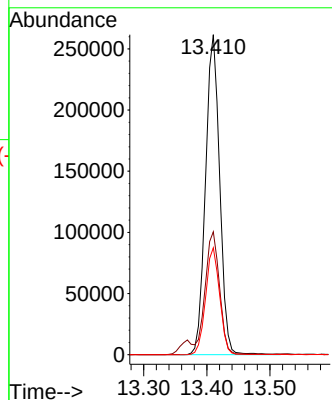
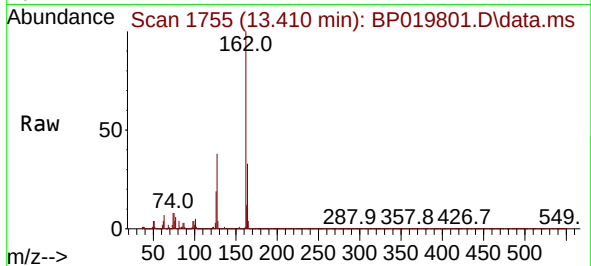




#47
2-Chloronaphthalene
Concen: 44.288 ng
RT: 13.410 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

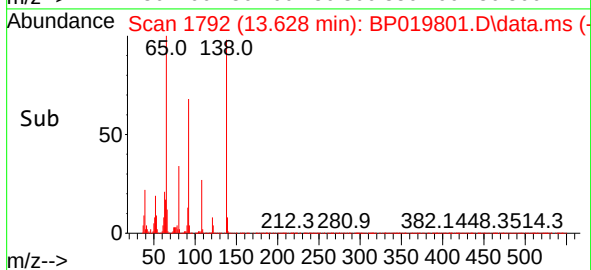
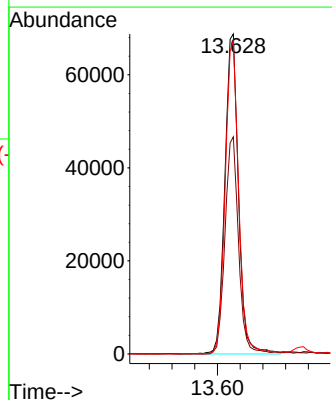
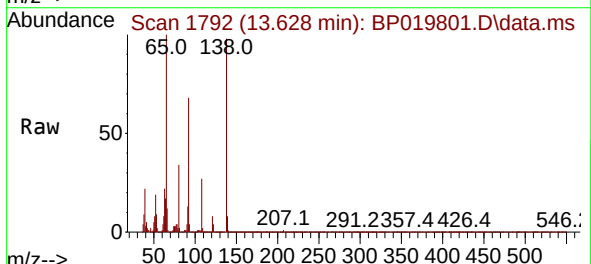
Instrument :
BNA_P
ClientSampleId :
PB159140BS

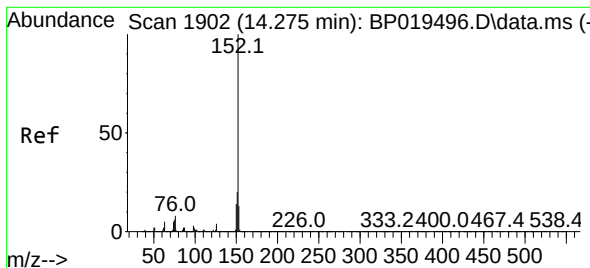
Tgt Ion:162 Resp: 406847
Ion Ratio Lower Upper
162 100
127 38.4 32.1 48.1
164 33.4 26.7 40.1



#48
2-Nitroaniline
Concen: 44.660 ng
RT: 13.628 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

Tgt Ion: 65 Resp: 114719
Ion Ratio Lower Upper
65 100
92 67.9 54.7 82.1
138 97.8 77.8 116.6





#49

Acenaphthylene

Concen: 48.268 ng

RT: 14.251 min Scan# 1898

Delta R.T. -0.012 min

Lab File: BP019801.D

Acq: 21 Feb 2024 11:09

Instrument :

BNA_P

ClientSampleId :

PB159140BS

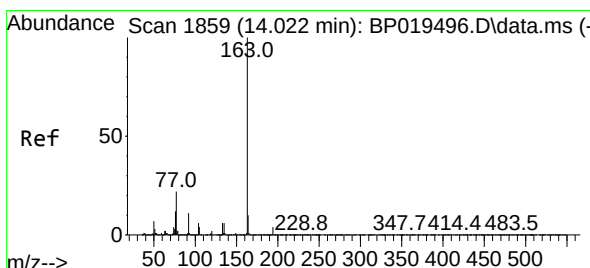
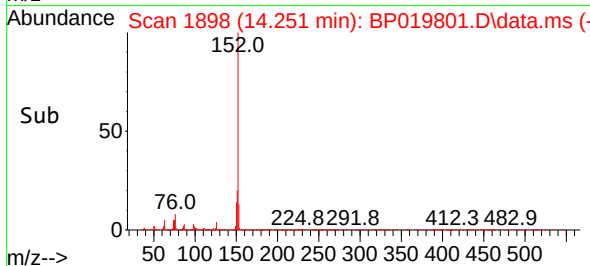
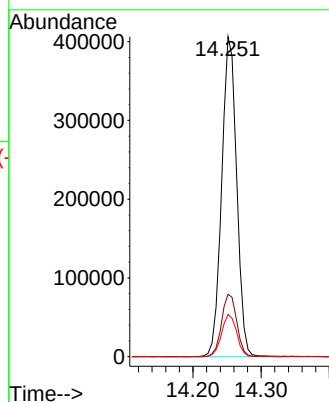
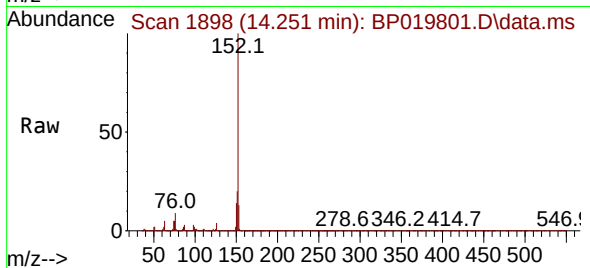
Tgt Ion:152 Resp: 622096

Ion Ratio Lower Upper

152 100

151 19.5 15.8 23.6

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 44.519 ng

RT: 14.004 min Scan# 1856

Delta R.T. -0.006 min

Lab File: BP019801.D

Acq: 21 Feb 2024 11:09

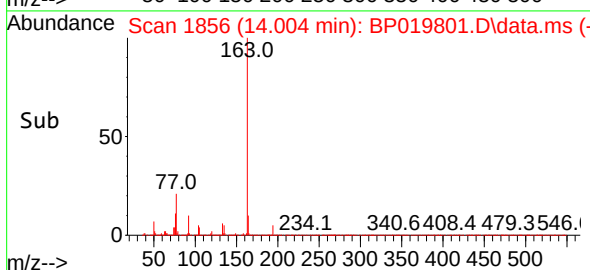
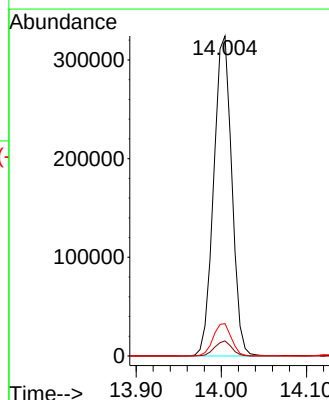
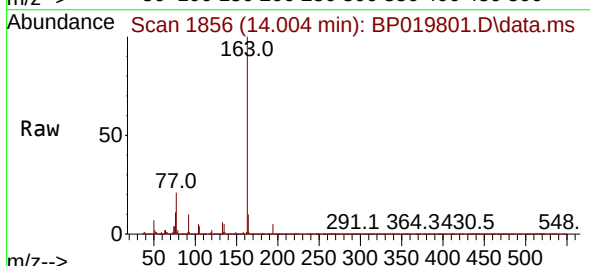
Tgt Ion:163 Resp: 477856

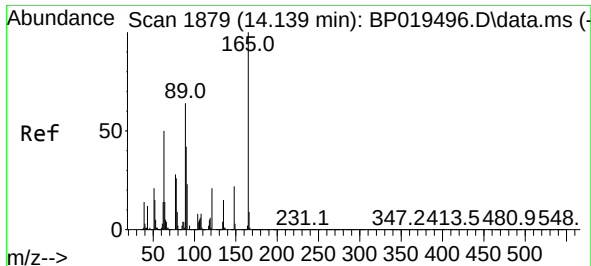
Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

164 10.1 7.8 11.6

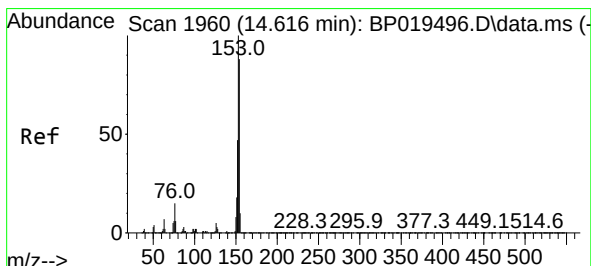
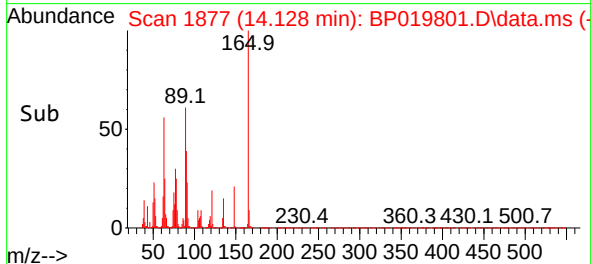
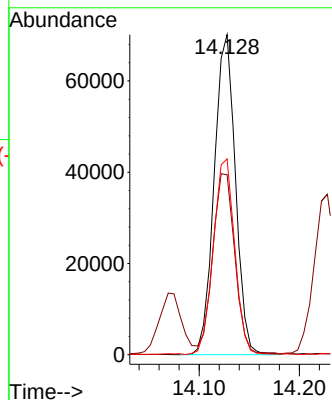
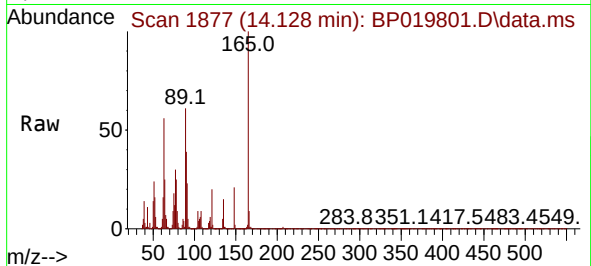




#51
2,6-Dinitrotoluene
Concen: 43.700 ng
RT: 14.128 min Scan# 1877
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

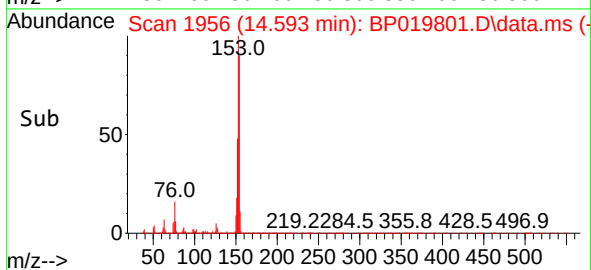
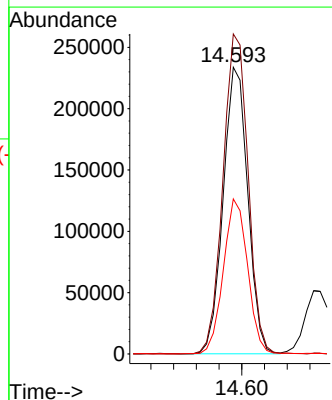
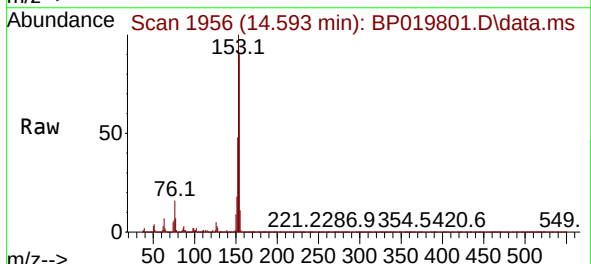
Instrument :
BNA_P
ClientSampleId :
PB159140BS

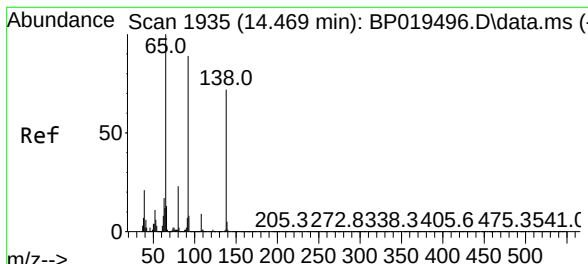
Tgt Ion:165 Resp: 103056
Ion Ratio Lower Upper
165 100
63 56.3 50.4 75.6
89 61.2 51.7 77.5



#52
Acenaphthene
Concen: 43.966 ng
RT: 14.593 min Scan# 1956
Delta R.T. -0.012 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

Tgt Ion:154 Resp: 351690
Ion Ratio Lower Upper
154 100
153 111.6 90.5 135.7
152 54.1 42.1 63.1

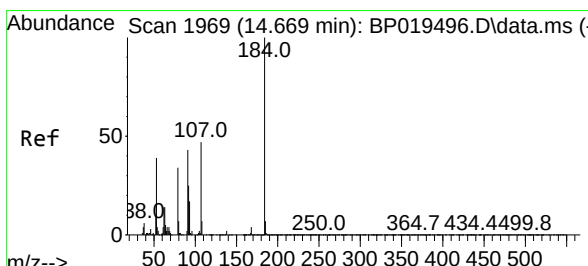
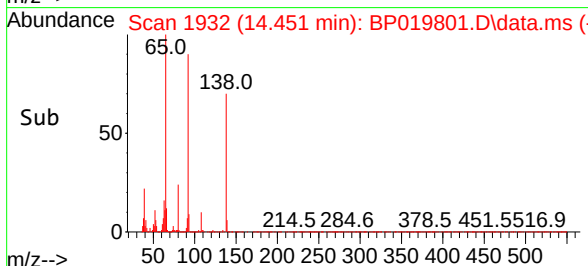
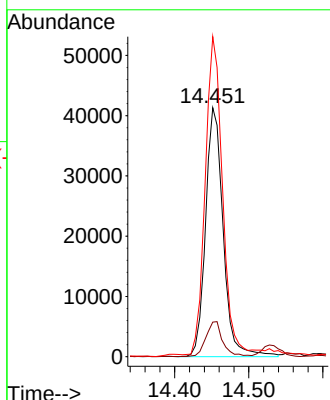
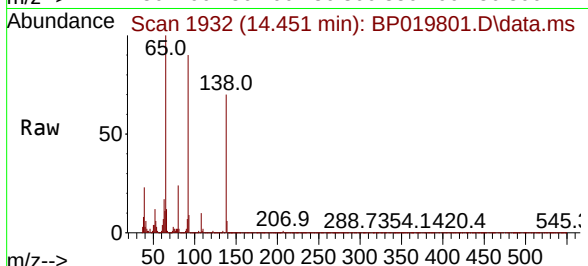




#53
3-Nitroaniline
Concen: 31.555 ng
RT: 14.451 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

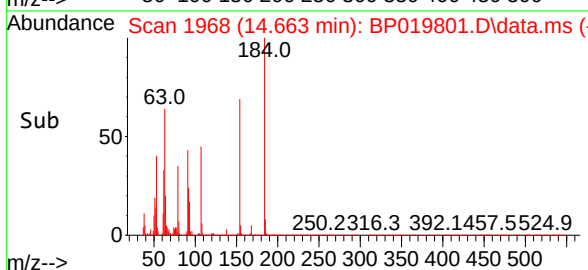
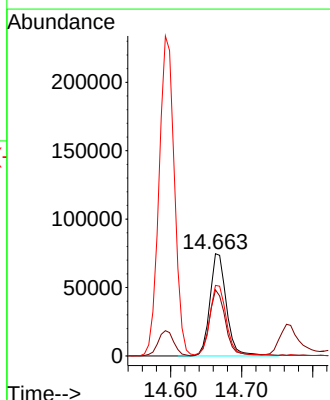
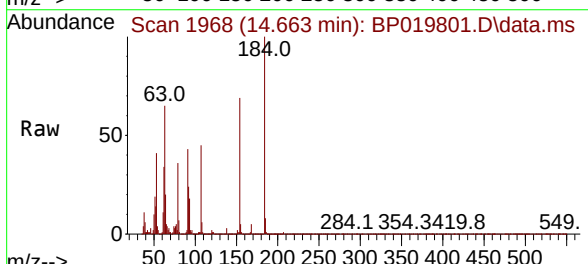
Instrument :
BNA_P
ClientSampleId :
PB159140BS

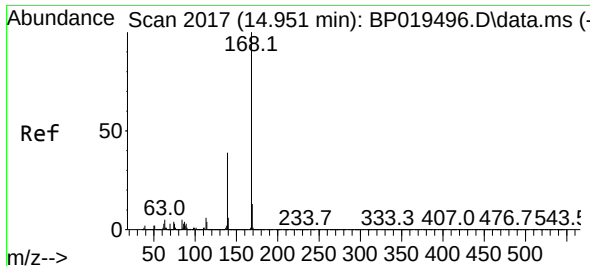
Tgt Ion:138 Resp: 68388
Ion Ratio Lower Upper
138 100
108 13.9 9.7 14.5
92 128.5 98.0 147.0



#54
2,4-Dinitrophenol
Concen: 98.407 ng
RT: 14.663 min Scan# 1968
Delta R.T. -0.012 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

Tgt Ion:184 Resp: 120495
Ion Ratio Lower Upper
184 100
63 64.7 50.5 75.7
154 68.9 53.4 80.0

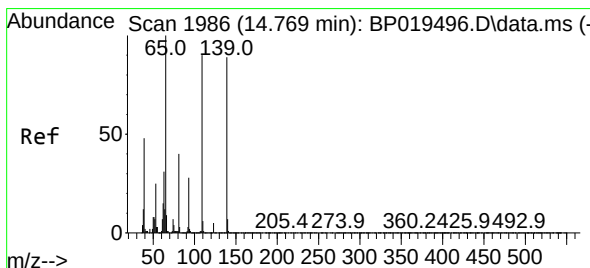
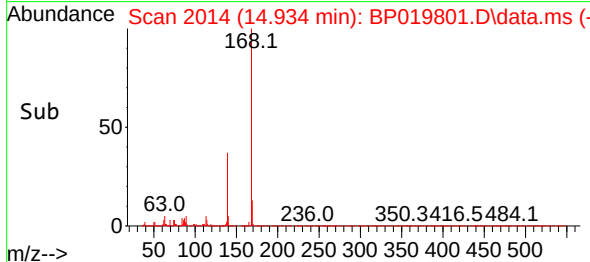
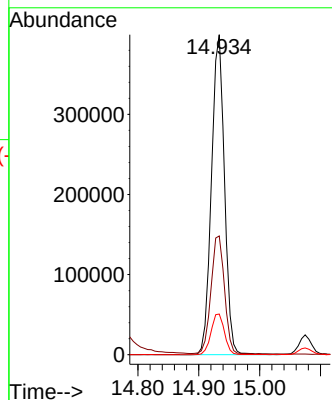
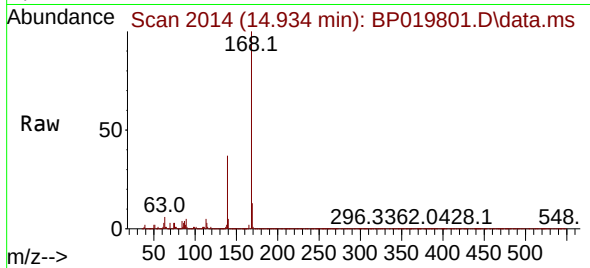




#55
Dibenzenofuran
Concen: 45.486 ng
RT: 14.934 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

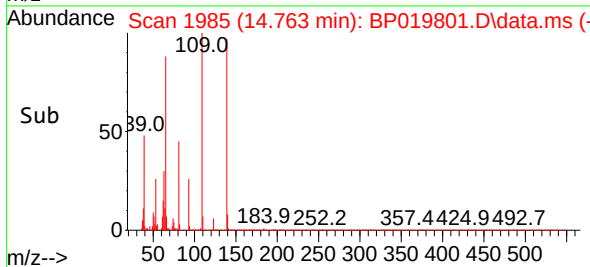
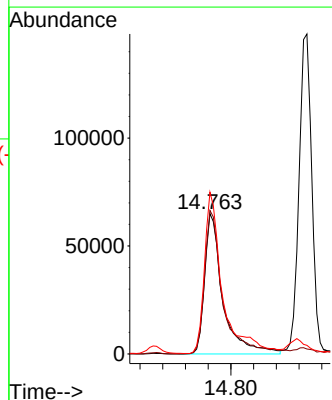
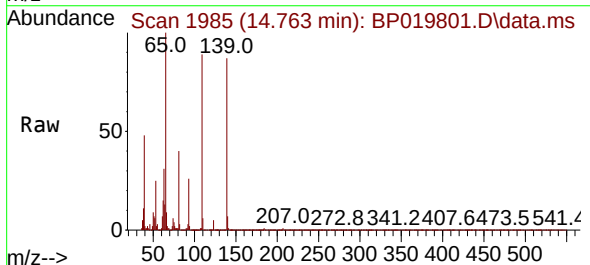
Instrument :
BNA_P
ClientSampleId :
PB159140BS

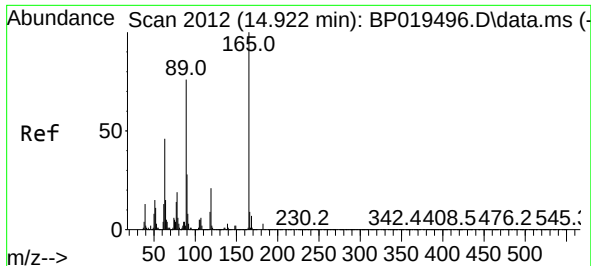
Tgt Ion:168 Resp: 592606
Ion Ratio Lower Upper
168 100
139 37.1 31.5 47.3
169 12.7 10.3 15.5



#56
4-Nitrophenol
Concen: 81.086 ng
RT: 14.763 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

Tgt Ion:139 Resp: 144040
Ion Ratio Lower Upper
139 100
109 102.3 82.0 122.0
65 115.3 92.9 132.9

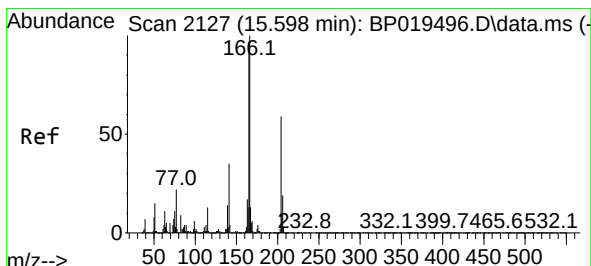
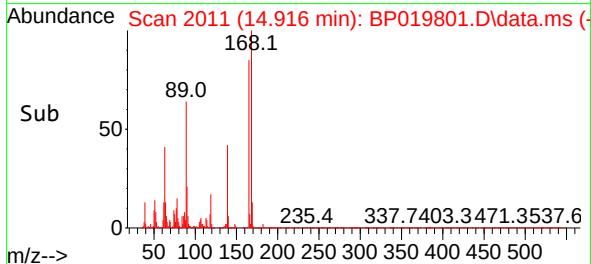
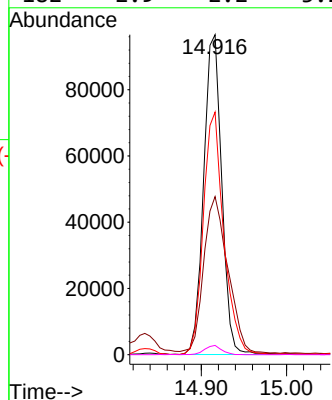
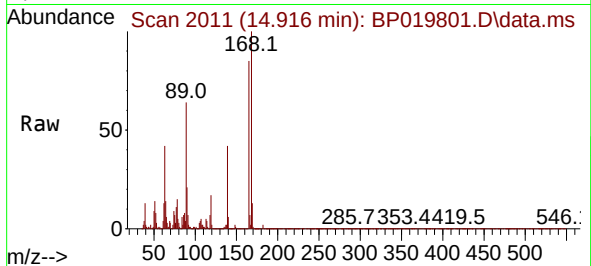




#57
2,4-Dinitrotoluene
Concen: 46.003 ng
RT: 14.916 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

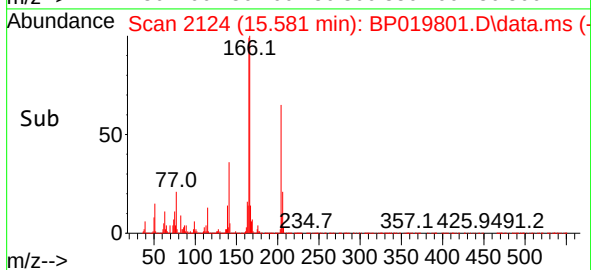
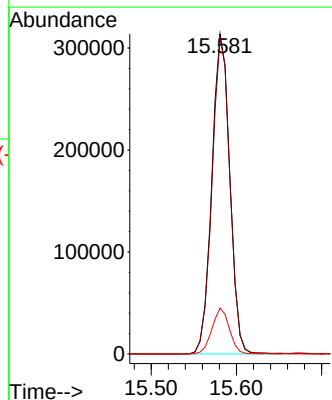
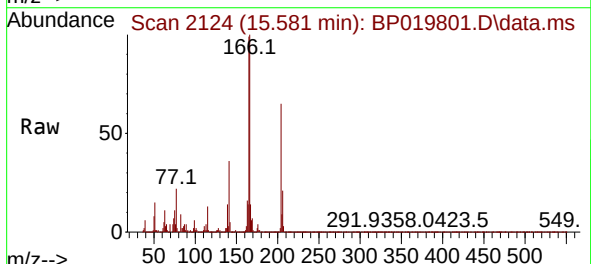
Instrument :
BNA_P
ClientSampleId :
PB159140BS

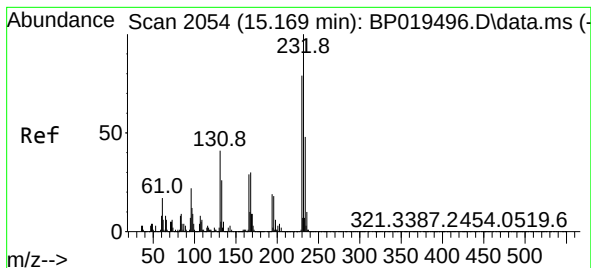
Tgt Ion:165 Resp: 142168
Ion Ratio Lower Upper
165 100
63 49.4 36.9 55.3
89 75.8 61.1 91.7
182 2.9 2.2 3.2



#58
Fluorene
Concen: 44.362 ng
RT: 15.581 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

Tgt Ion:166 Resp: 460332
Ion Ratio Lower Upper
166 100
165 98.8 77.8 116.8
167 14.3 10.7 16.1

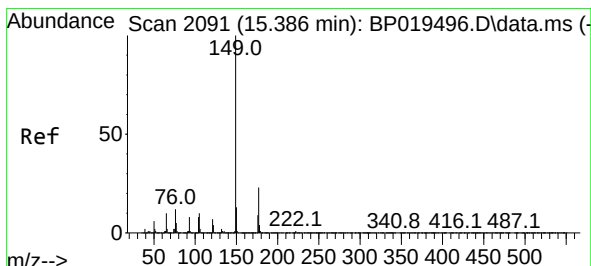
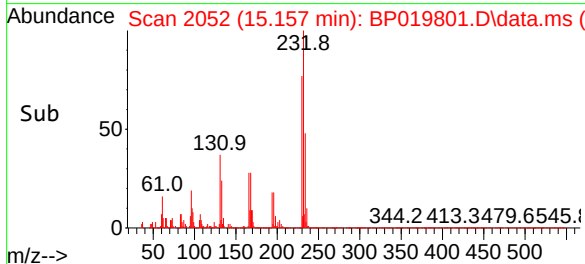
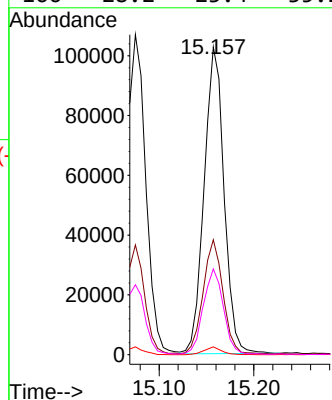
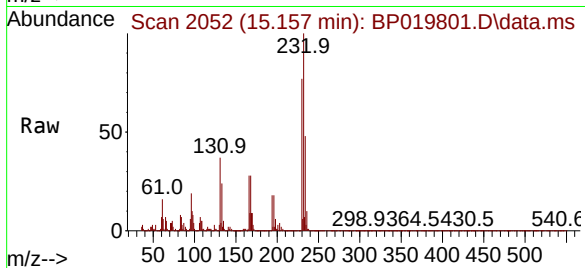




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.608 ng
RT: 15.157 min Scan# 2052
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

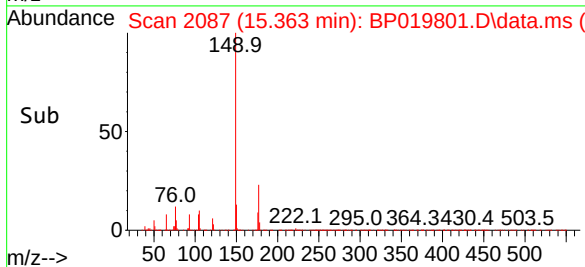
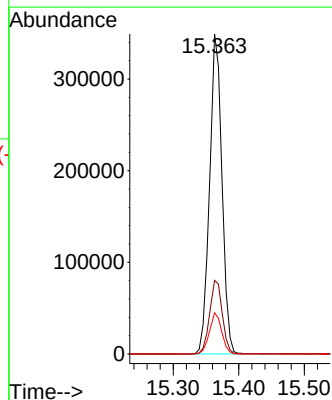
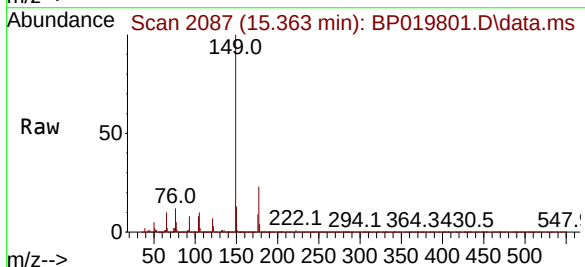
Instrument :
BNA_P
ClientSampleId :
PB159140BS

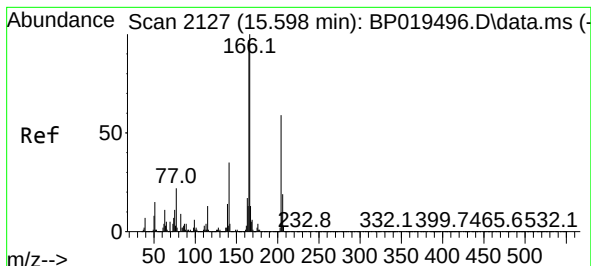
Tgt Ion:232 Resp: 150030
Ion Ratio Lower Upper
232 100
131 37.6 32.4 48.6
130 2.3 1.9 2.9
166 28.2 23.4 35.2



#60
Diethylphthalate
Concen: 43.056 ng
RT: 15.363 min Scan# 2087
Delta R.T. -0.012 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

Tgt Ion:149 Resp: 459689
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.2
150 12.8 10.2 15.4

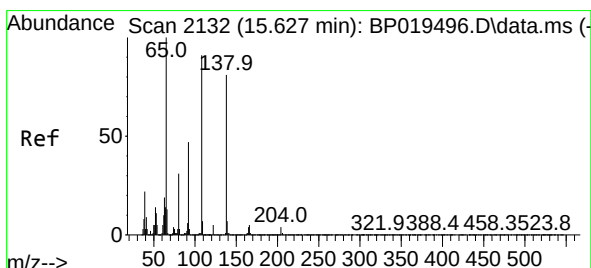
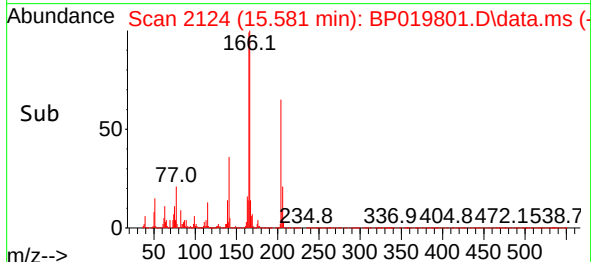
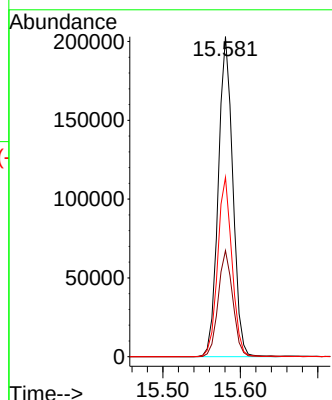
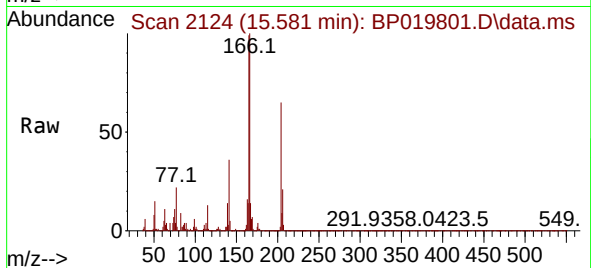




#61
4-Chlorophenyl-phenylether
Concen: 45.528 ng
RT: 15.581 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

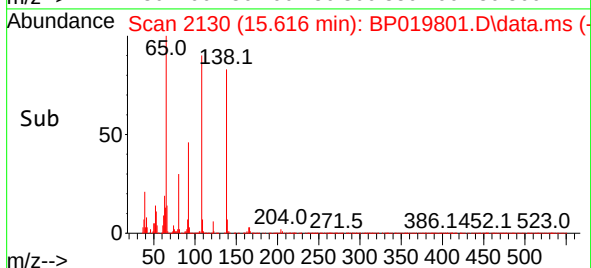
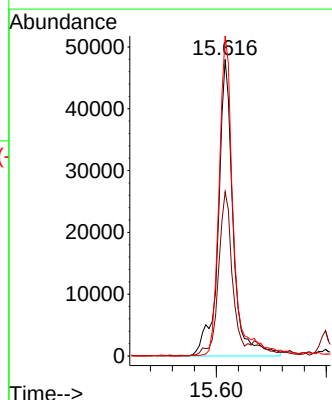
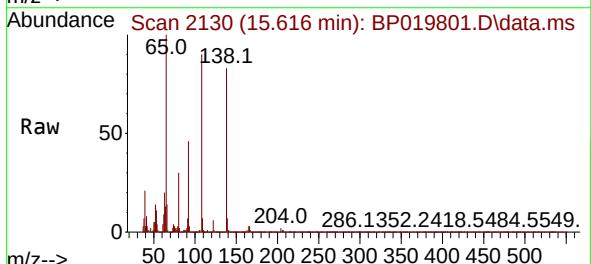
Instrument :
BNA_P
ClientSampleId :
PB159140BS

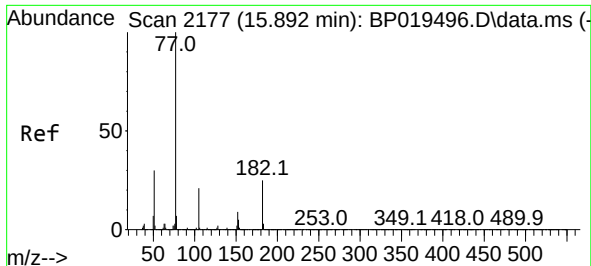
Tgt Ion:204 Resp: 265531
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 56.1 48.5 72.7



#62
4-Nitroaniline
Concen: 39.595 ng
RT: 15.616 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

Tgt Ion:138 Resp: 89948
Ion Ratio Lower Upper
138 100
92 55.4 38.3 78.3
108 108.0 91.2 131.2

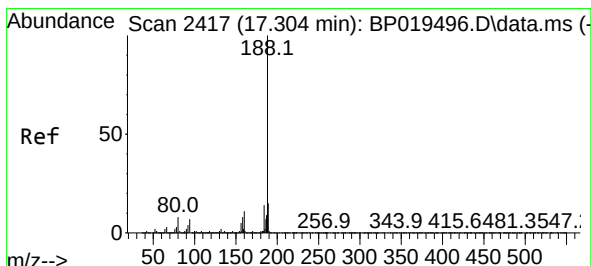
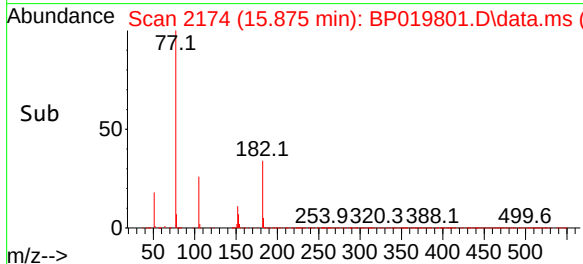
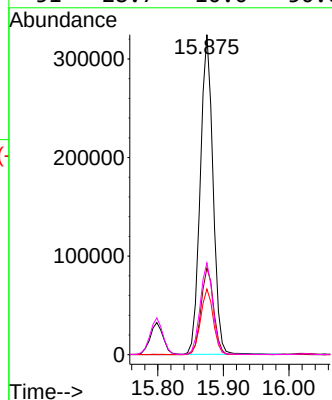
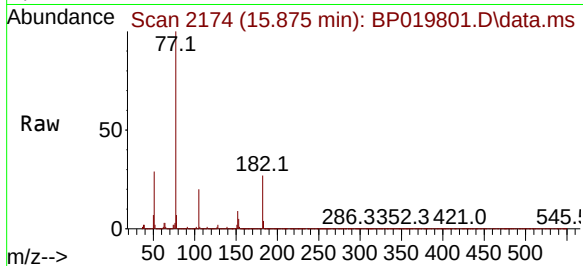




#63
Azobenzene
Concen: 42.466 ng
RT: 15.875 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

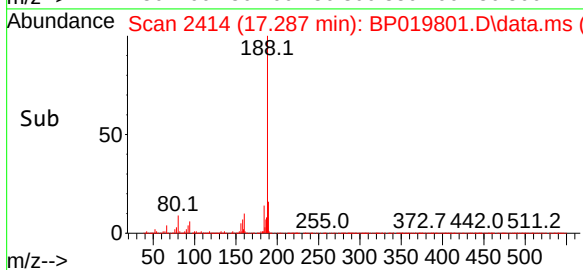
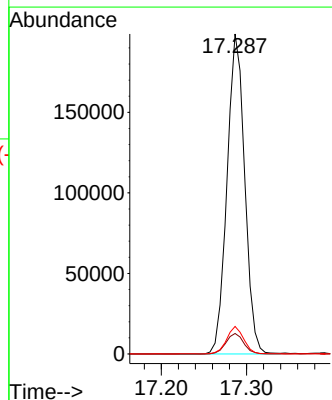
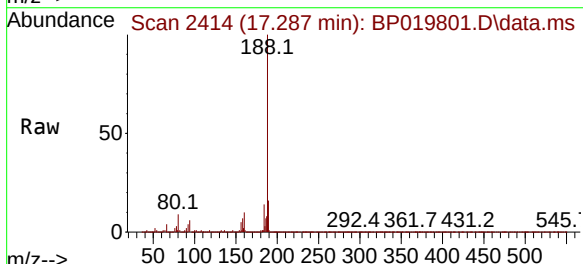
Instrument :
BNA_P
ClientSampleId :
PB159140BS

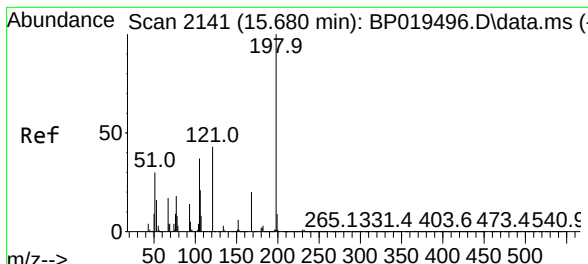
Tgt Ion:	77	Resp:	438432
Ion	Ratio	Lower	Upper
77	100		
182	27.1	5.1	45.1
105	20.5	0.8	40.8
51	28.7	10.0	50.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.287 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

Tgt Ion:	188	Resp:	285914
Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.4	8.2
80	8.6	6.3	9.5

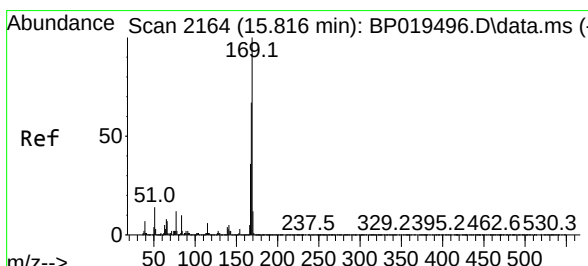
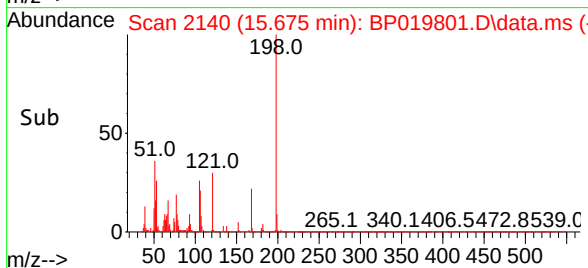
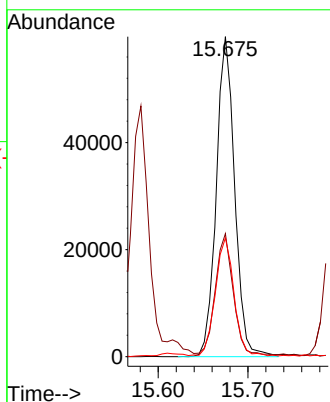
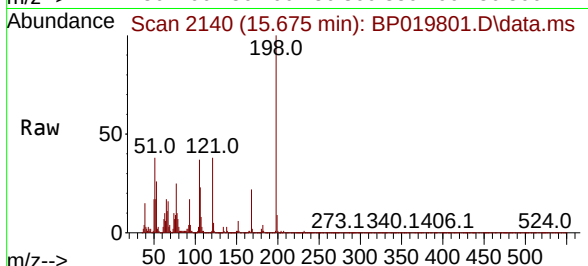




#65
 4,6-Dinitro-2-methylphenol
 Concen: 52.214 ng
 RT: 15.675 min Scan# 2140
 Delta R.T. -0.006 min
 Lab File: BP019801.D
 Acq: 21 Feb 2024 11:09

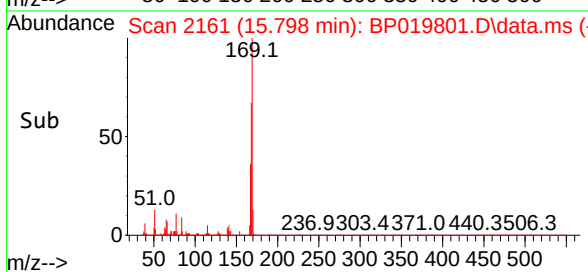
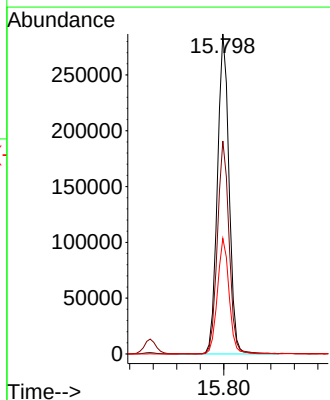
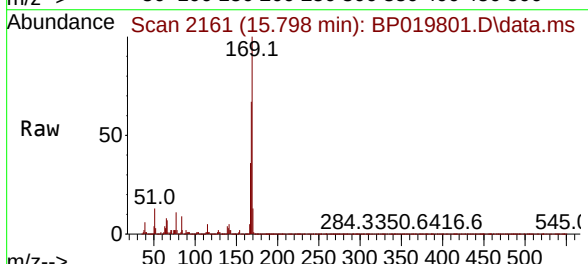
Instrument :
 BNA_P
 ClientSampleId :
 PB159140BS

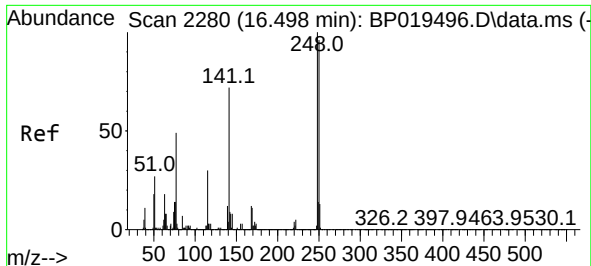
Tgt Ion:	198	Resp:	85125
Ion	Ratio	Lower	Upper
198	100		
51	38.5	21.2	61.2
105	37.1	19.1	59.1



#66
 n-Nitrosodiphenylamine
 Concen: 46.032 ng
 RT: 15.798 min Scan# 2161
 Delta R.T. -0.006 min
 Lab File: BP019801.D
 Acq: 21 Feb 2024 11:09

Tgt Ion:	169	Resp:	394167
Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.4	80.2
167	36.1	28.9	43.3

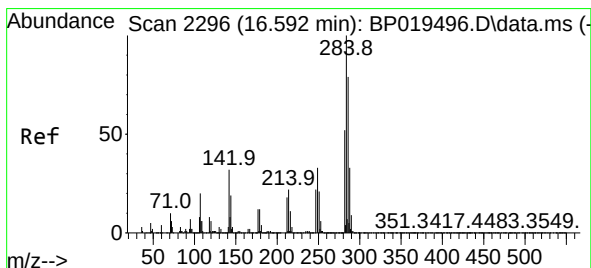
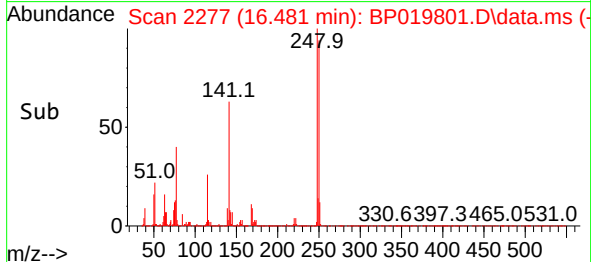
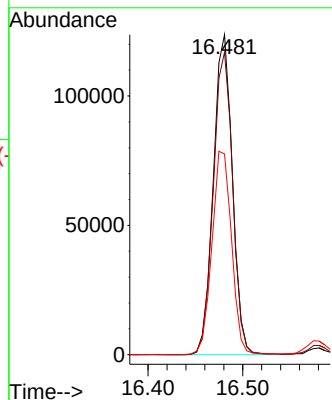
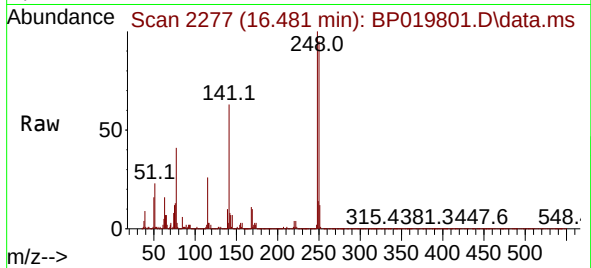




#67
4-Bromophenyl-phenylether
Concen: 48.201 ng
RT: 16.481 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

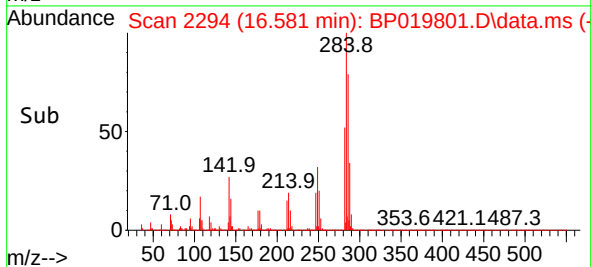
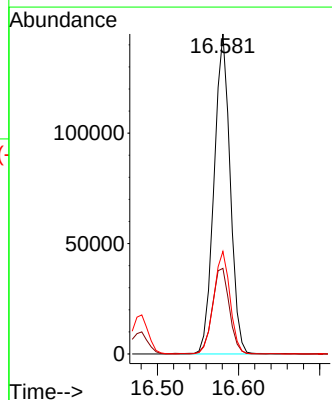
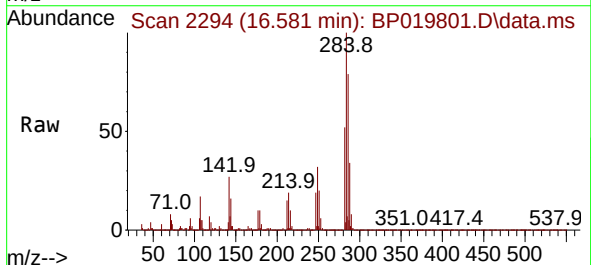
Instrument :
BNA_P
ClientSampleId :
PB159140BS

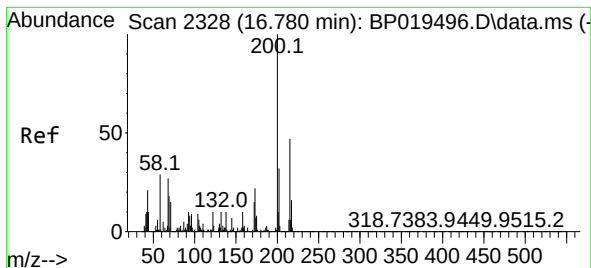
Tgt Ion:248 Resp: 172283
Ion Ratio Lower Upper
248 100
250 94.5 76.9 115.3
141 62.8 58.0 87.0



#68
Hexachlorobenzene
Concen: 47.918 ng
RT: 16.581 min Scan# 2294
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

Tgt Ion:284 Resp: 200008
Ion Ratio Lower Upper
284 100
142 26.8 25.4 38.2
249 32.0 26.5 39.7





#69

Atrazine

Concen: 49.593 ng

RT: 16.763 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019801.D

Acq: 21 Feb 2024 11:09

Instrument :

BNA_P

ClientSampleId :

PB159140BS

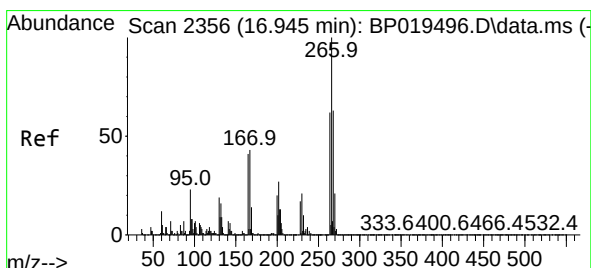
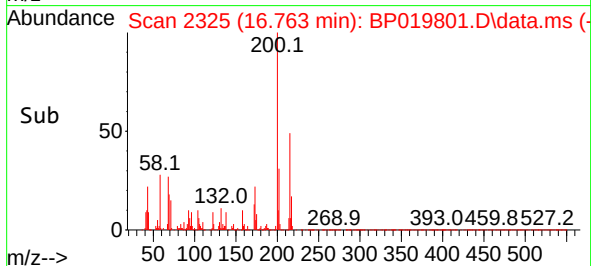
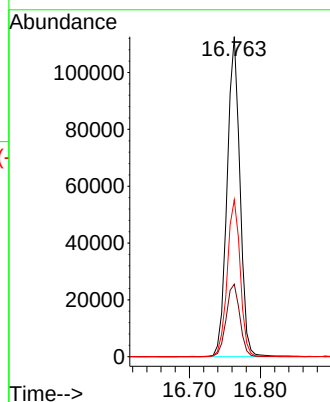
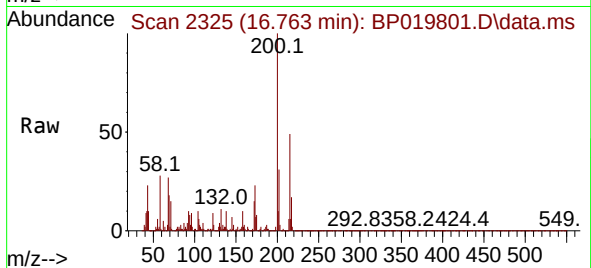
Tgt Ion:200 Resp: 140915

Ion Ratio Lower Upper

200 100

173 22.6 1.7 41.7

215 49.0 26.9 66.9



#70

Pentachlorophenol

Concen: 94.687 ng

RT: 16.934 min Scan# 2354

Delta R.T. -0.006 min

Lab File: BP019801.D

Acq: 21 Feb 2024 11:09

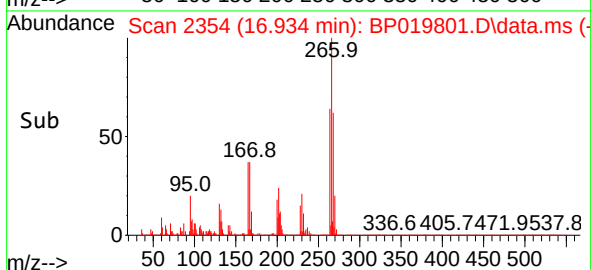
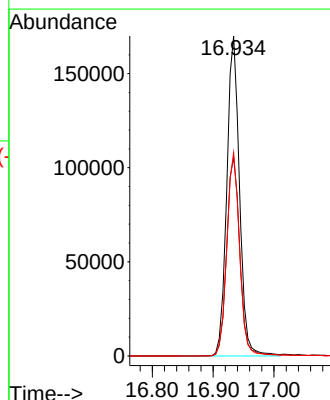
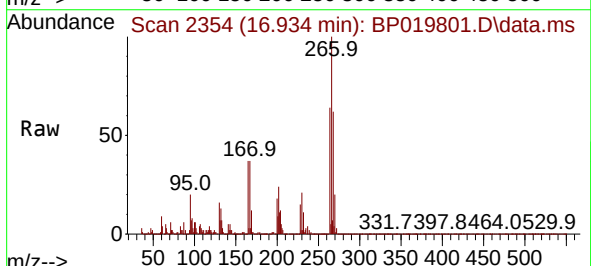
Tgt Ion:266 Resp: 246119

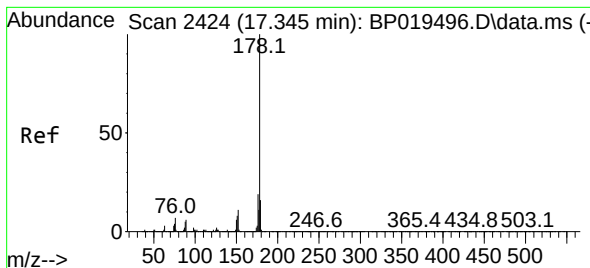
Ion Ratio Lower Upper

266 100

268 62.0 50.3 75.5

264 63.6 49.7 74.5





#71

Phenanthrene

Concen: 46.549 ng

RT: 17.334 min Scan# 2422

Delta R.T. -0.006 min

Lab File: BP019801.D

Acq: 21 Feb 2024 11:09

Instrument :

BNA_P

ClientSampleId :

PB159140BS

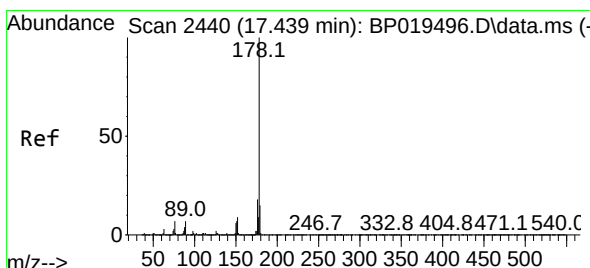
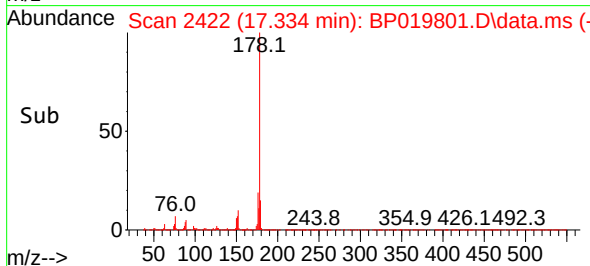
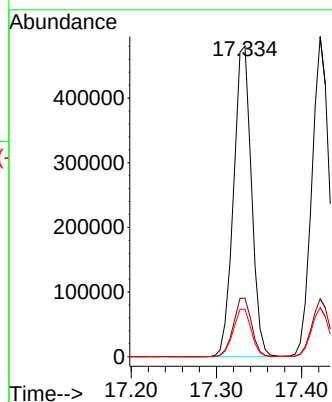
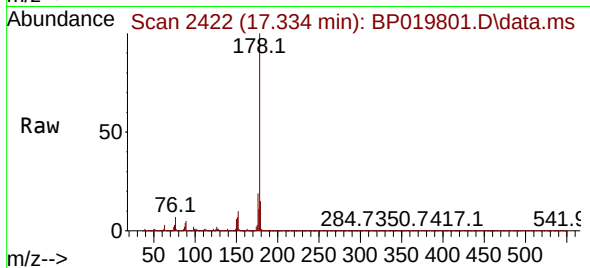
Tgt Ion:178 Resp: 700404

Ion Ratio Lower Upper

178 100

176 18.8 15.5 23.3

179 15.2 12.6 19.0



#72

Anthracene

Concen: 46.927 ng

RT: 17.422 min Scan# 2437

Delta R.T. -0.006 min

Lab File: BP019801.D

Acq: 21 Feb 2024 11:09

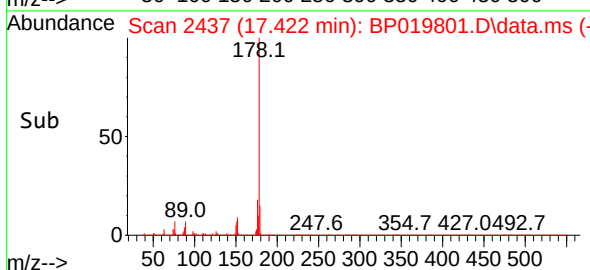
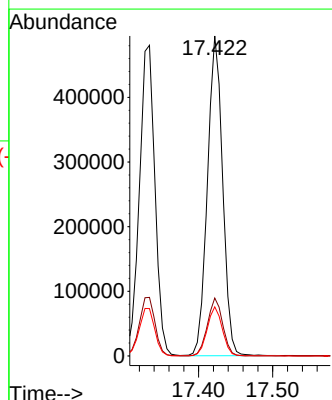
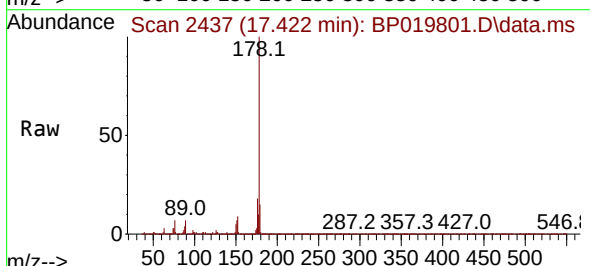
Tgt Ion:178 Resp: 704377

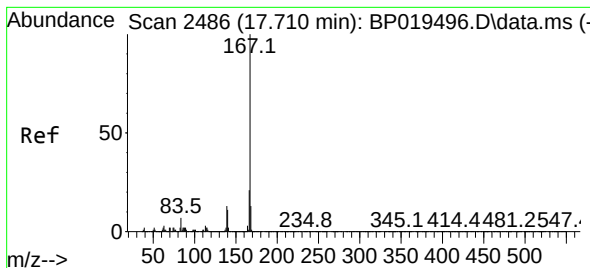
Ion Ratio Lower Upper

178 100

176 18.1 14.7 22.1

179 15.3 12.2 18.2





#73

Carbazole

Concen: 43.493 ng

RT: 17.698 min Scan# 2484

Delta R.T. -0.012 min

Lab File: BP019801.D

Acq: 21 Feb 2024 11:09

Instrument :

BNA_P

ClientSampleId :

PB159140BS

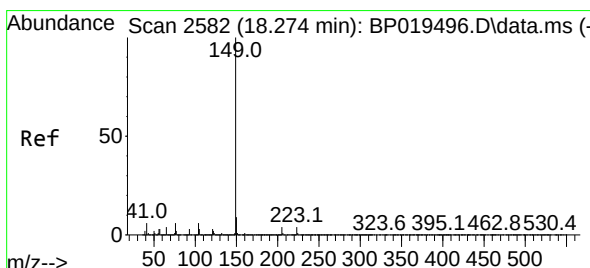
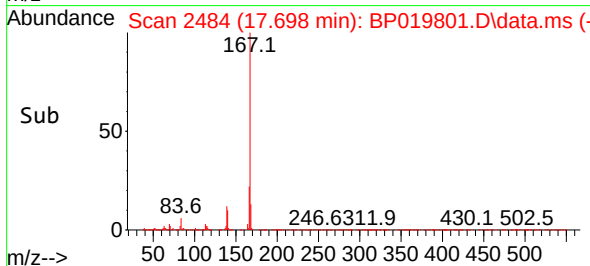
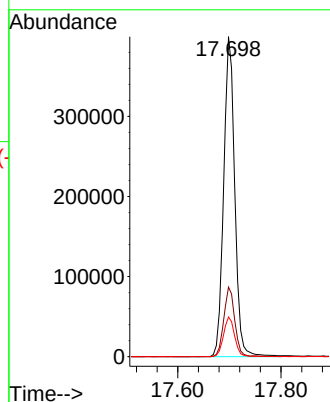
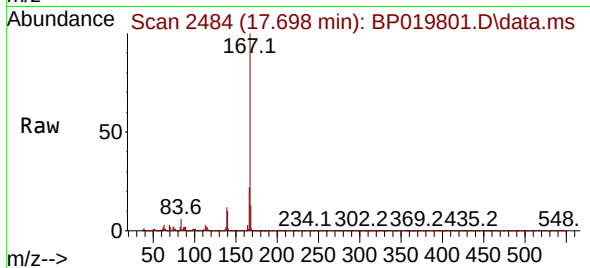
Tgt Ion:167 Resp: 593062

Ion Ratio Lower Upper

167 100

166 21.7 17.2 25.8

139 12.4 10.6 15.8



#74

Di-n-butylphthalate

Concen: 43.389 ng

RT: 18.257 min Scan# 2579

Delta R.T. -0.006 min

Lab File: BP019801.D

Acq: 21 Feb 2024 11:09

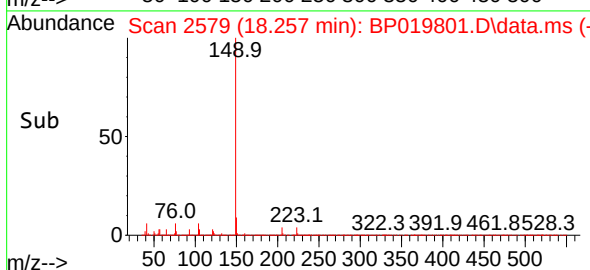
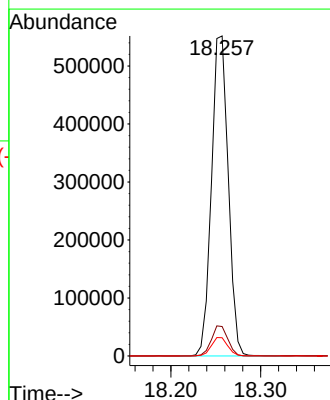
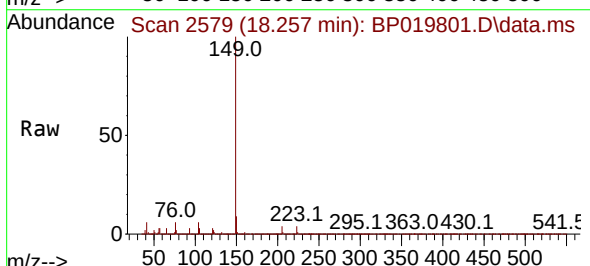
Tgt Ion:149 Resp: 715361

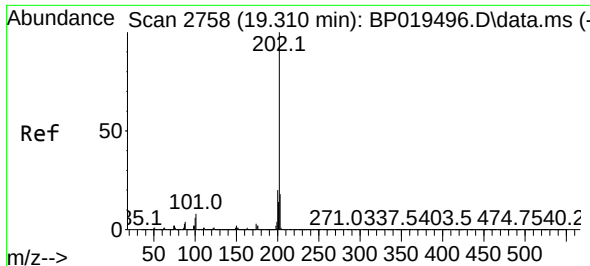
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 5.7 4.8 7.2

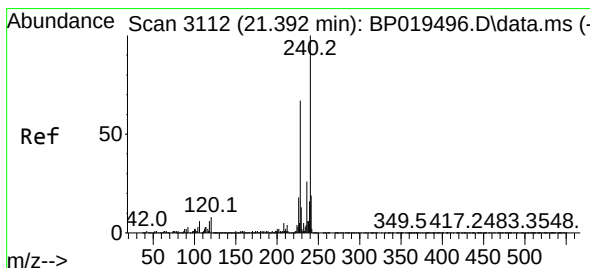
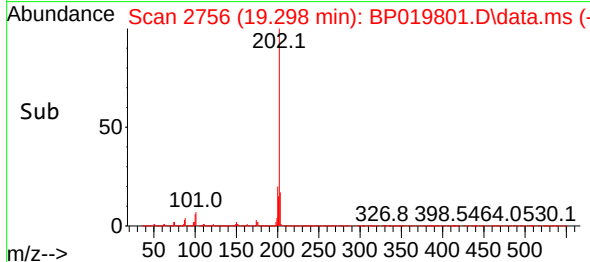
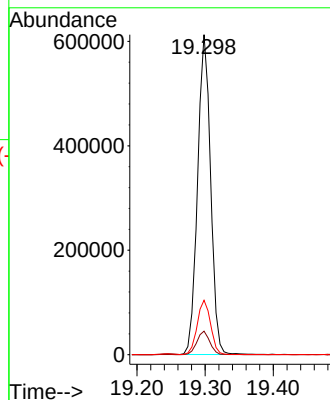
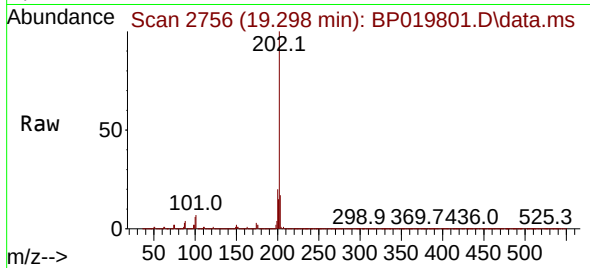




#75
Fluoranthene
Concen: 44.075 ng
RT: 19.298 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

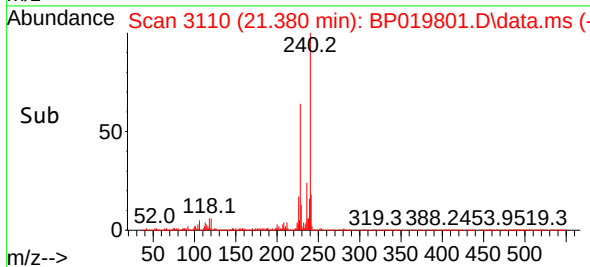
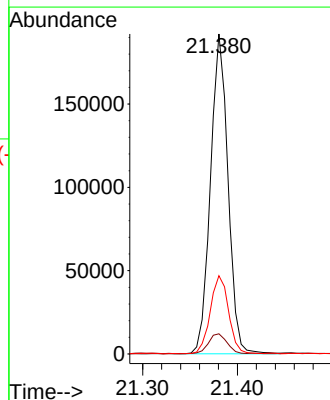
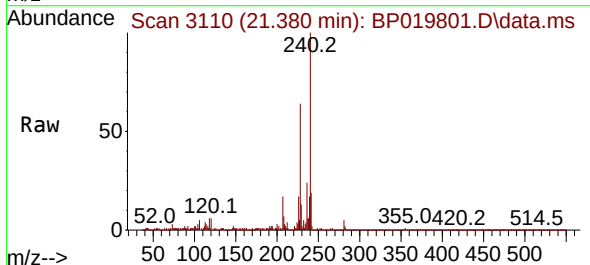
Instrument :
BNA_P
ClientSampleId :
PB159140BS

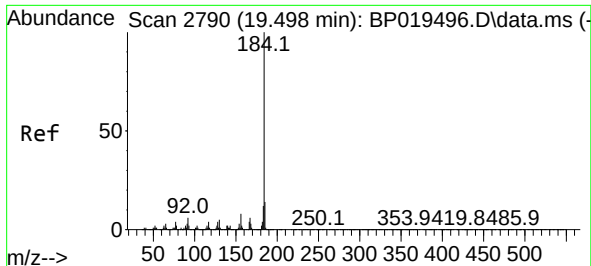
Tgt Ion:202 Resp: 810147
Ion Ratio Lower Upper
202 100
101 7.4 0.0 27.7
203 17.0 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3110
Delta R.T. -0.012 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

Tgt Ion:240 Resp: 245720
Ion Ratio Lower Upper
240 100
120 6.3 6.1 9.1
236 24.5 20.7 31.1

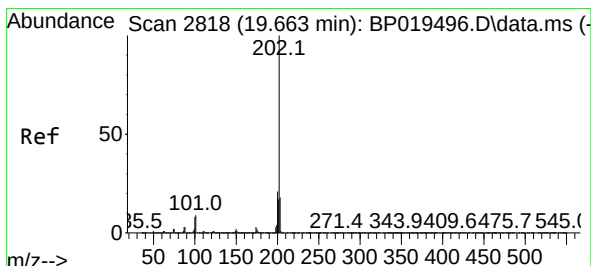
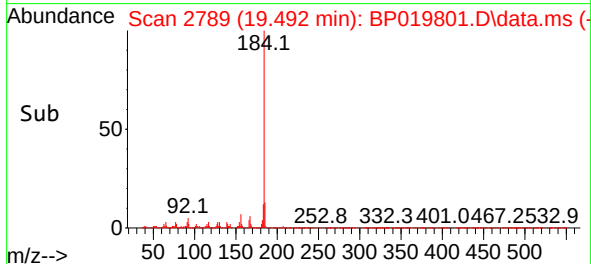
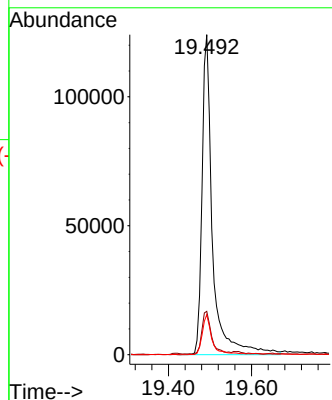
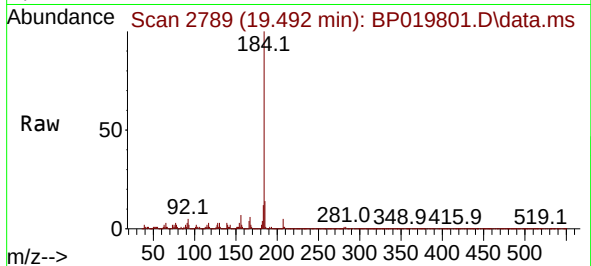




#77
Benzidine
Concen: 42.363 ng
RT: 19.492 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

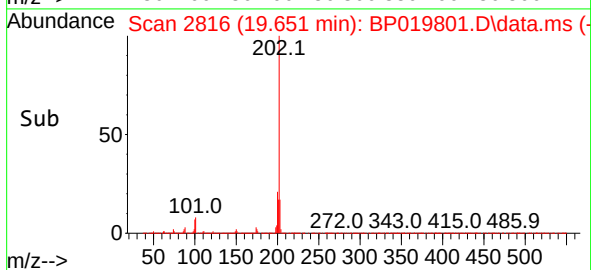
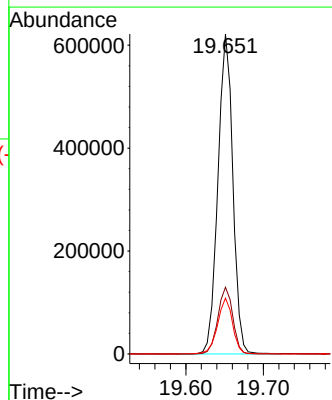
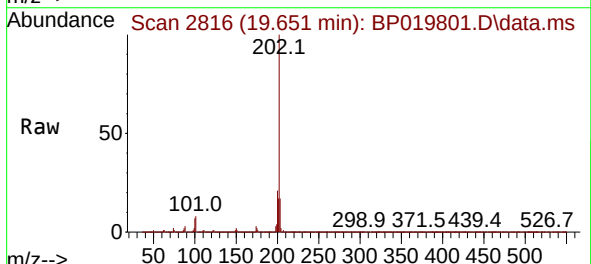
Instrument :
BNA_P
ClientSampleId :
PB159140BS

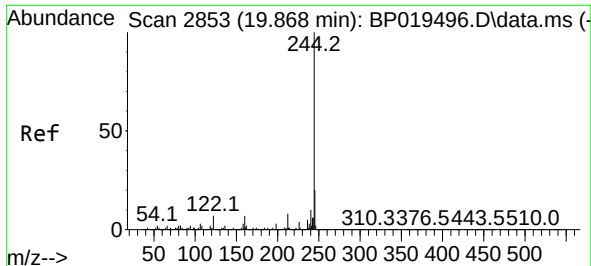
Tgt Ion:184 Resp: 217626
Ion Ratio Lower Upper
184 100
185 13.6 11.1 16.7
183 12.5 9.7 14.5



#78
Pyrene
Concen: 47.886 ng
RT: 19.651 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

Tgt Ion:202 Resp: 830431
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 17.5 14.2 21.2

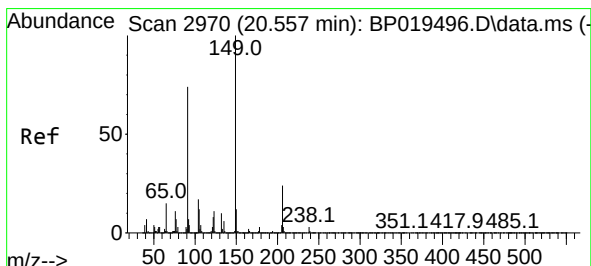
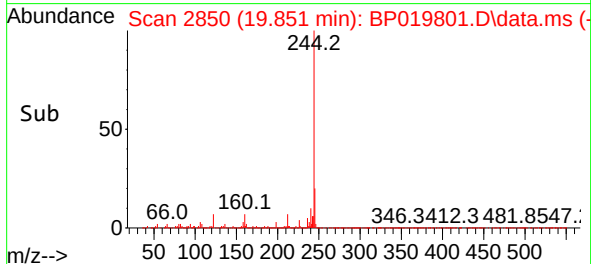
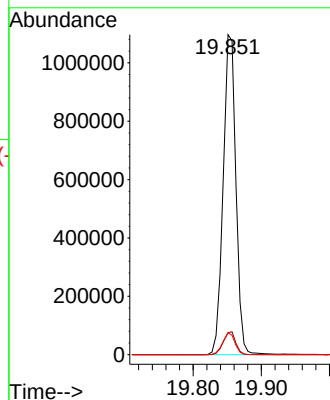
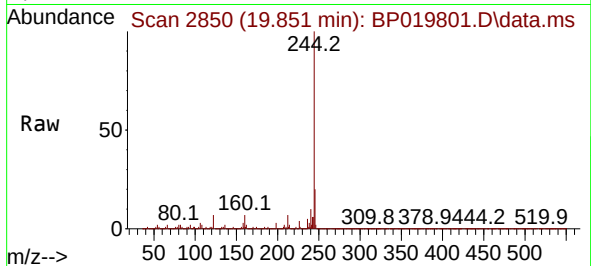




#79
 Terphenyl-d14
 Concen: 95.487 ng
 RT: 19.851 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP019801.D
 Acq: 21 Feb 2024 11:09

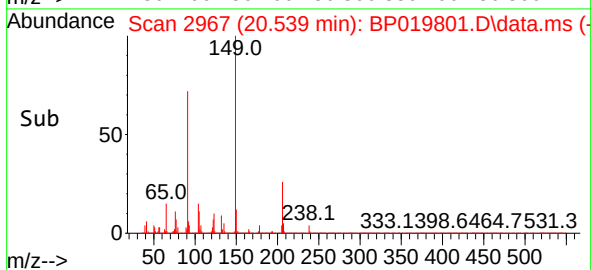
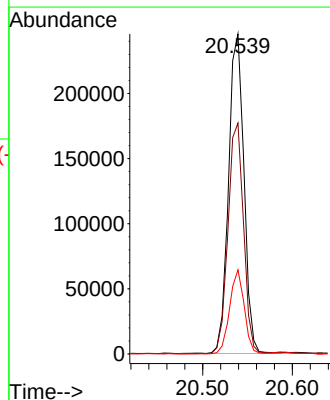
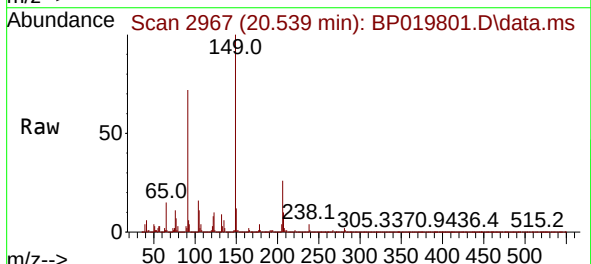
Instrument :
 BNA_P
 ClientSampleId :
 PB159140BS

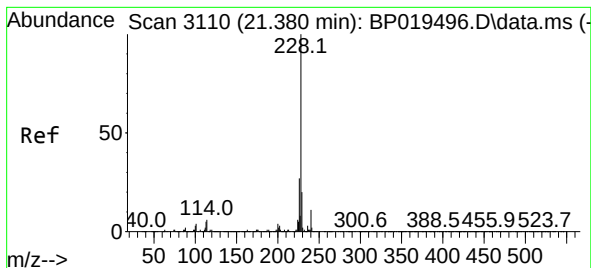
Tgt Ion:244 Resp: 1426726
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 6.8 5.9 8.9



#80
 Butylbenzylphthalate
 Concen: 45.091 ng
 RT: 20.539 min Scan# 2967
 Delta R.T. -0.006 min
 Lab File: BP019801.D
 Acq: 21 Feb 2024 11:09

Tgt Ion:149 Resp: 292019
 Ion Ratio Lower Upper
 149 100
 91 72.1 59.4 89.0
 206 26.3 19.0 28.6





#81

Benzo(a)anthracene

Concen: 45.762 ng

RT: 21.363 min Scan# 3110

Delta R.T. -0.012 min

Lab File: BP019801.D

Acq: 21 Feb 2024 11:09

Instrument :

BNA_P

ClientSampleId :

PB159140BS

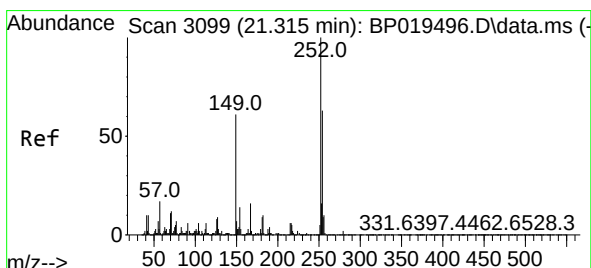
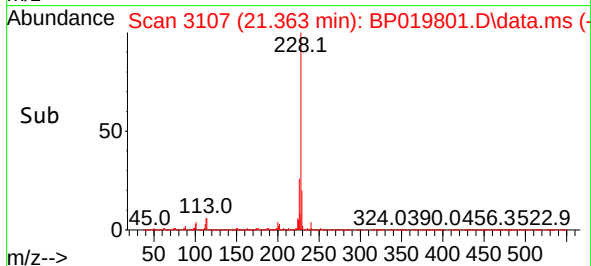
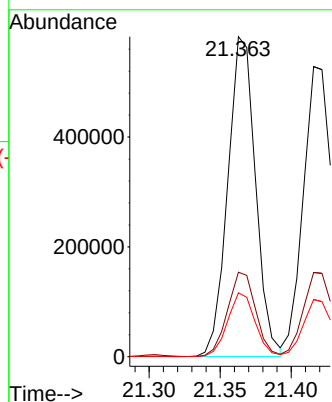
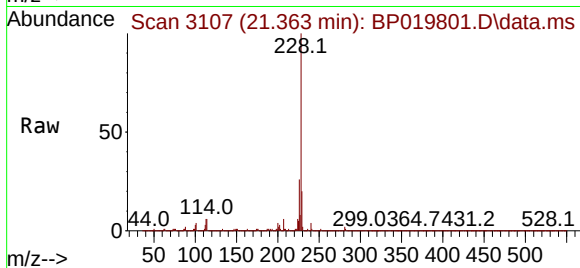
Tgt Ion:228 Resp: 791548

Ion Ratio Lower Upper

228 100

226 26.4 21.7 32.5

229 20.0 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 42.390 ng

RT: 21.304 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BP019801.D

Acq: 21 Feb 2024 11:09

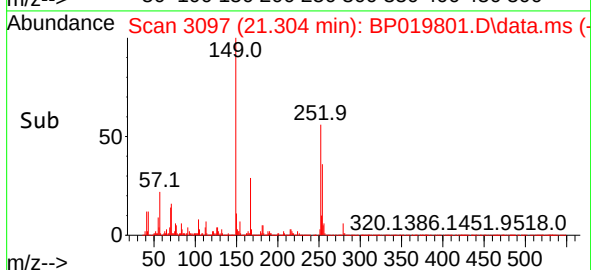
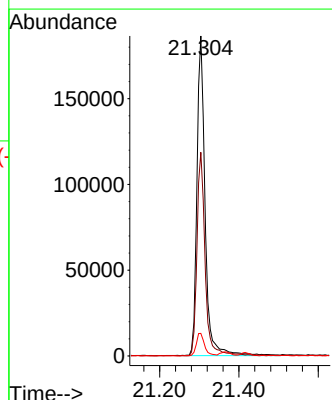
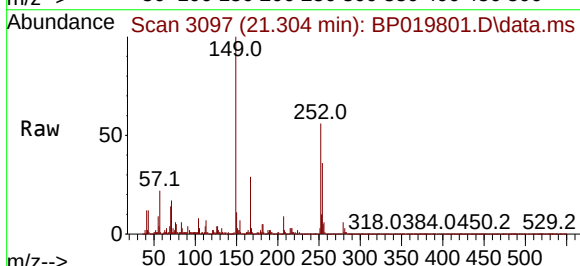
Tgt Ion:252 Resp: 267186

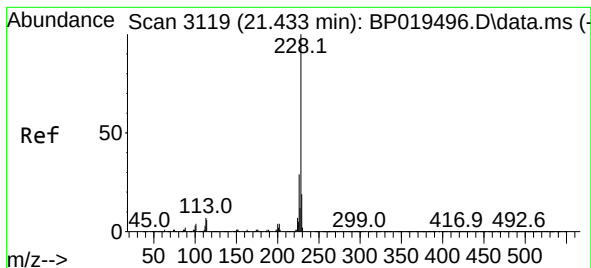
Ion Ratio Lower Upper

252 100

254 63.6 50.7 76.1

126 7.0 6.4 9.6





#83

Chrysene

Concen: 45.956 ng

RT: 21.416 min Scan# 3119

Delta R.T. -0.012 min

Lab File: BP019801.D

Acq: 21 Feb 2024 11:09

Instrument :

BNA_P

ClientSampleId :

PB159140BS

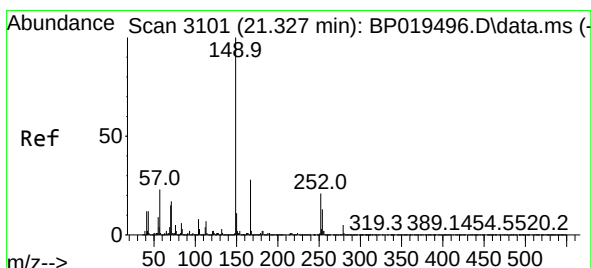
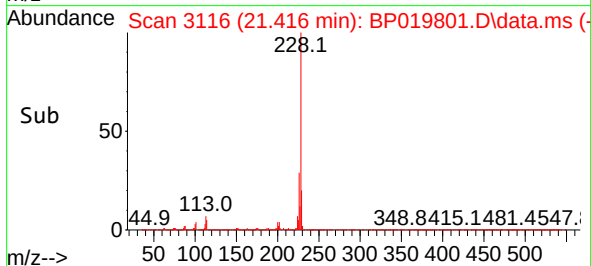
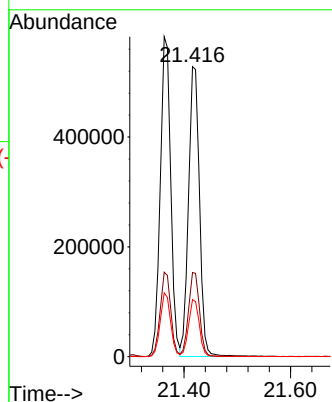
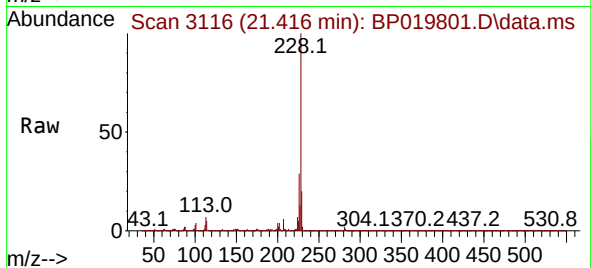
Tgt Ion:228 Resp: 754682

Ion Ratio Lower Upper

228 100

226 29.0 23.4 35.2

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.645 ng

RT: 21.298 min Scan# 3096

Delta R.T. -0.012 min

Lab File: BP019801.D

Acq: 21 Feb 2024 11:09

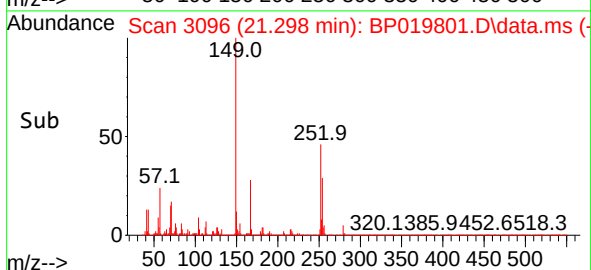
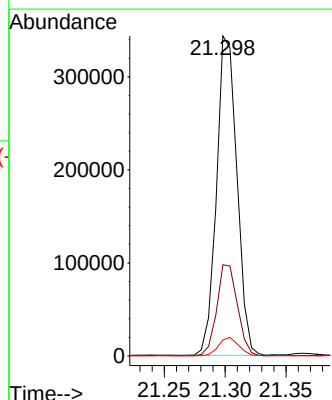
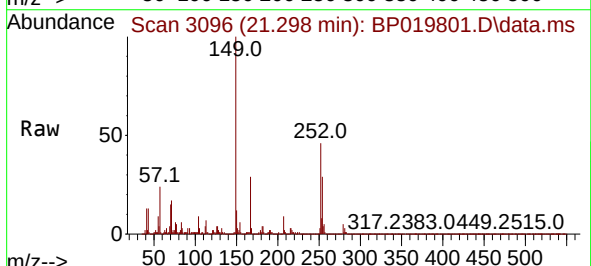
Tgt Ion:149 Resp: 400825

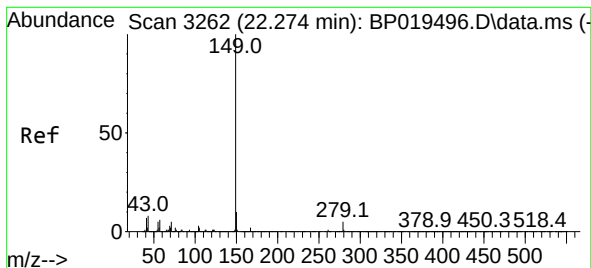
Ion Ratio Lower Upper

149 100

167 28.5 22.7 34.1

279 5.0 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 38.755 ng

RT: 22.239 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP019801.D

Acq: 21 Feb 2024 11:09

Instrument :

BNA_P

ClientSampleId :

PB159140BS

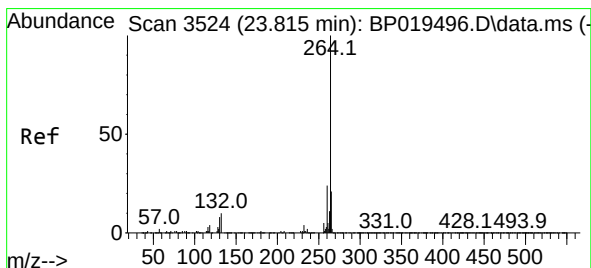
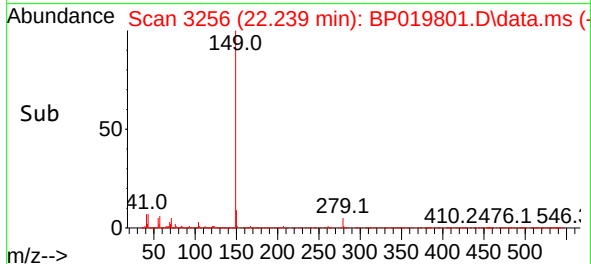
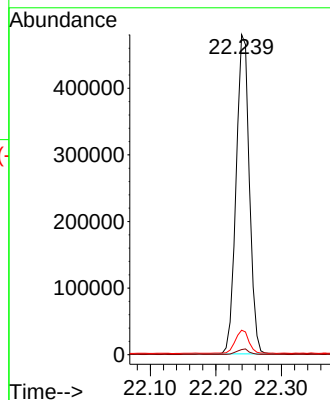
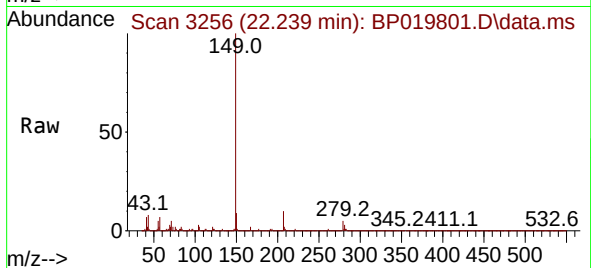
Tgt Ion:149 Resp: 672433

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.6 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.798 min Scan# 3521

Delta R.T. -0.012 min

Lab File: BP019801.D

Acq: 21 Feb 2024 11:09

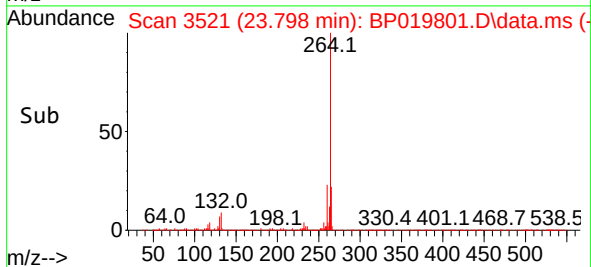
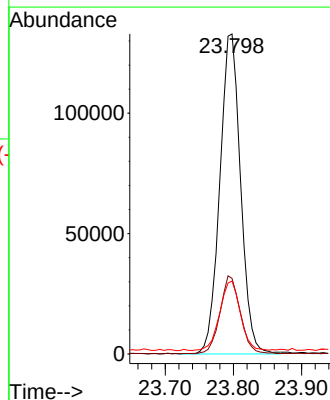
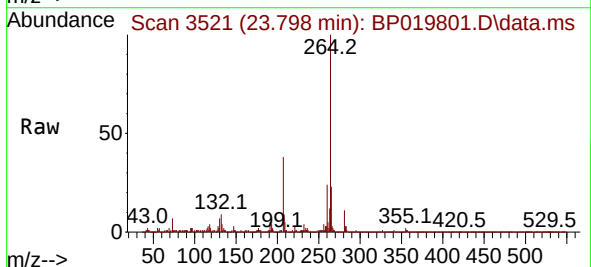
Tgt Ion:264 Resp: 282208

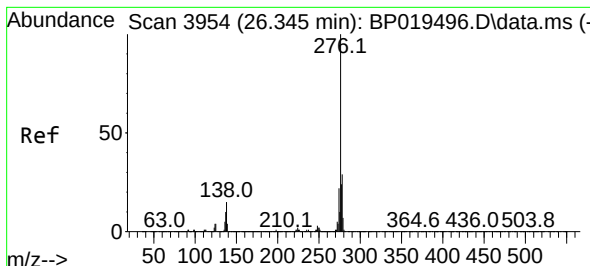
Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 22.8 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.697 ng

RT: 26.321 min Scan# 3950

Delta R.T. -0.023 min

Lab File: BP019801.D

Acq: 21 Feb 2024 11:09

Instrument :

BNA_P

ClientSampleId :

PB159140BS

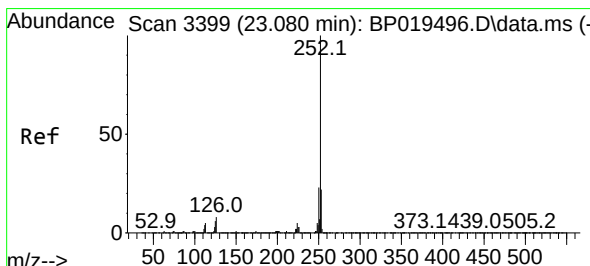
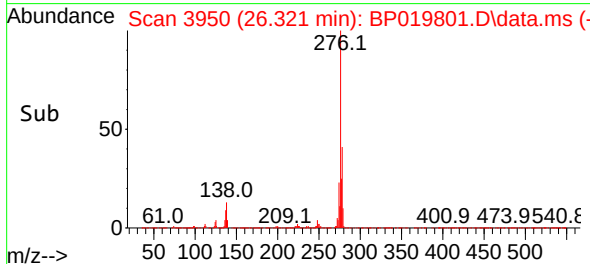
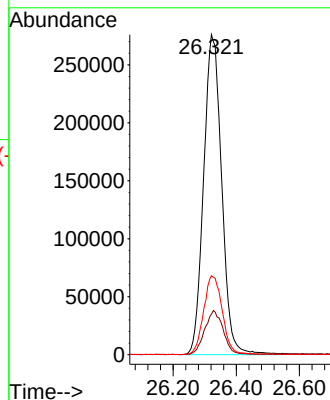
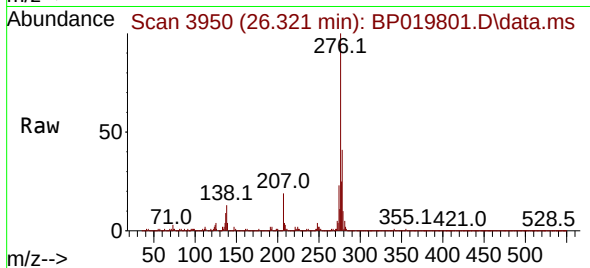
Tgt Ion:276 Resp: 1095147

Ion Ratio Lower Upper

276 100

138 14.1 13.1 19.7

277 25.4 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 47.268 ng

RT: 23.057 min Scan# 3395

Delta R.T. -0.018 min

Lab File: BP019801.D

Acq: 21 Feb 2024 11:09

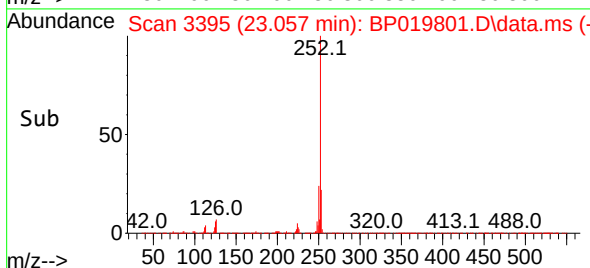
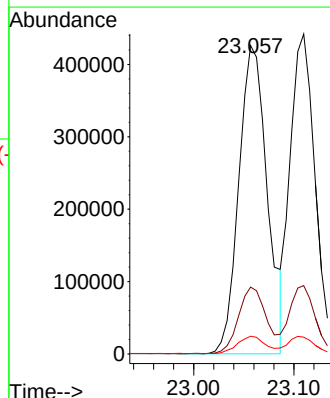
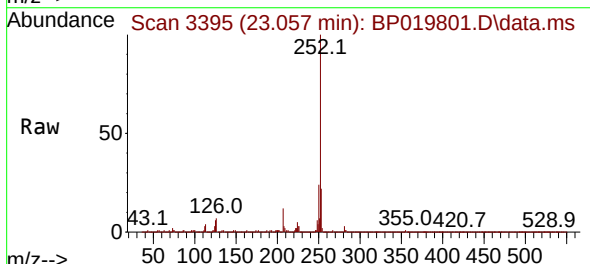
Tgt Ion:252 Resp: 840722

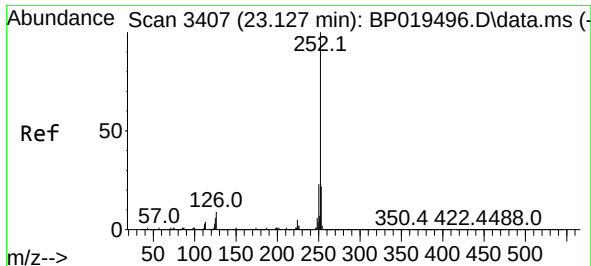
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 5.7 4.9 7.3

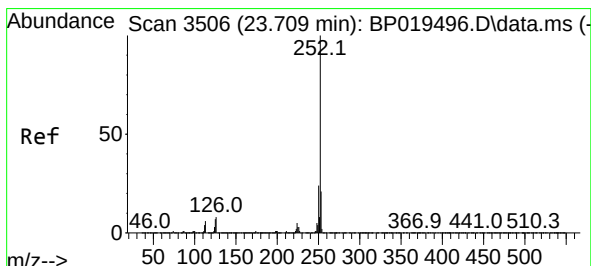
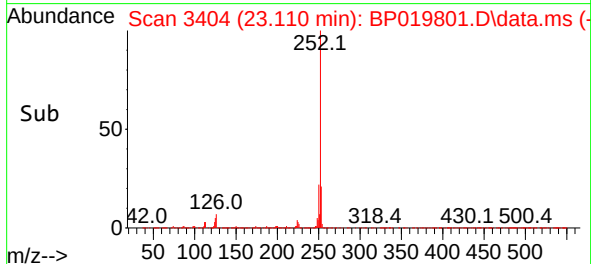
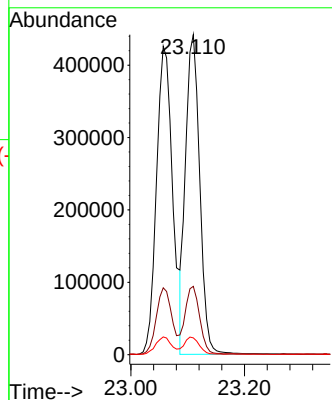
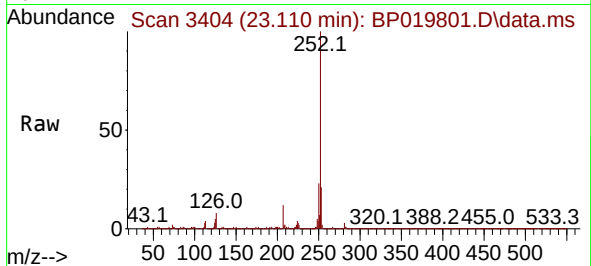




#89
Benzo(k)fluoranthene
Concen: 44.974 ng
RT: 23.110 min Scan# 34
Delta R.T. -0.012 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

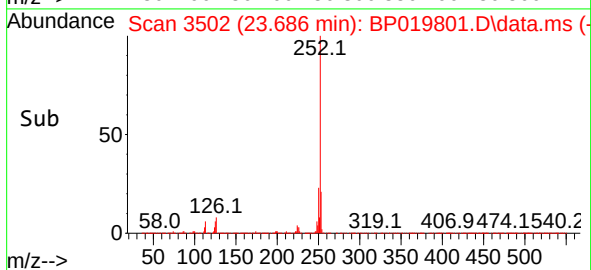
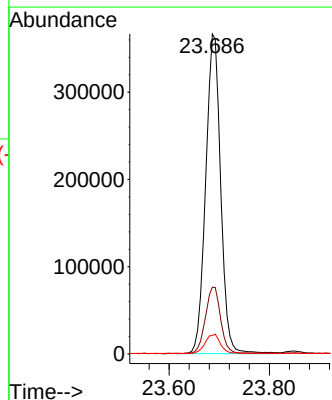
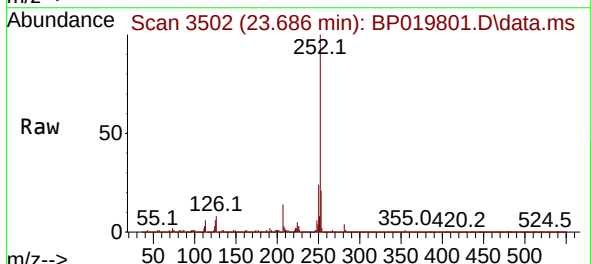
Instrument :
BNA_P
ClientSampleId :
PB159140BS

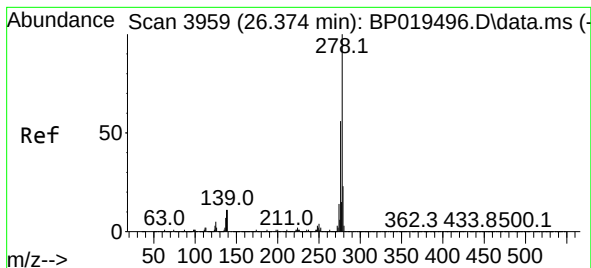
Tgt Ion:252 Resp: 764109
Ion Ratio Lower Upper
252 100
253 21.3 17.1 25.7
125 5.3 5.0 7.6



#90
Benzo(a)pyrene
Concen: 48.035 ng
RT: 23.686 min Scan# 3502
Delta R.T. -0.018 min
Lab File: BP019801.D
Acq: 21 Feb 2024 11:09

Tgt Ion:252 Resp: 760193
Ion Ratio Lower Upper
252 100
253 20.9 17.1 25.7
125 5.8 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 51.027 ng

RT: 26.351 min Scan# 3955

Delta R.T. -0.017 min

Lab File: BP019801.D

Acq: 21 Feb 2024 11:09

Instrument :

BNA_P

ClientSampleId :

PB159140BS

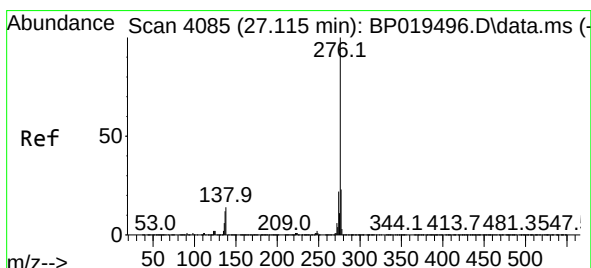
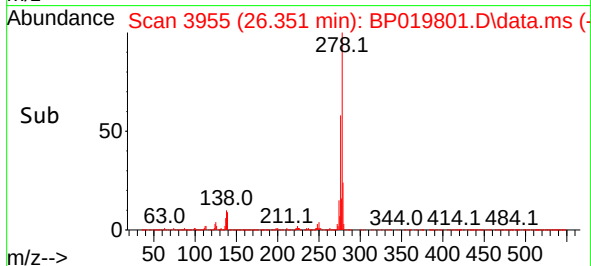
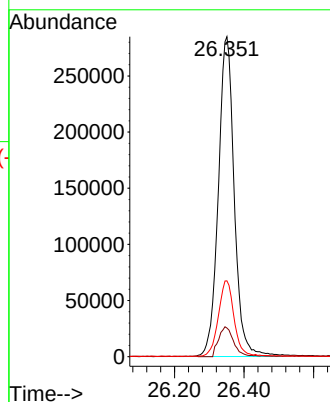
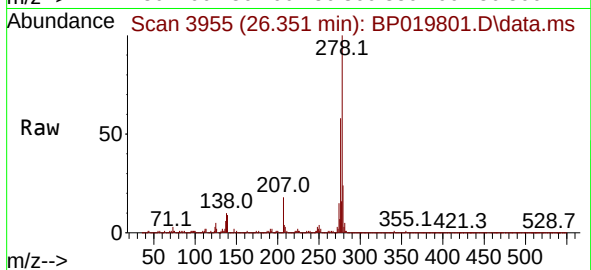
Tgt Ion:278 Resp: 906582

Ion Ratio Lower Upper

278 100

139 8.9 8.6 12.8

279 23.7 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 49.472 ng

RT: 27.098 min Scan# 4082

Delta R.T. -0.023 min

Lab File: BP019801.D

Acq: 21 Feb 2024 11:09

Tgt Ion:276 Resp: 891704

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 12.0 10.9 16.3

