

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022424\
 Data File : BP019859.D
 Acq On : 24 Feb 2024 13:37
 Operator : MA/JU
 Sample : PB159213BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB159213BS

Quant Time: Feb 26 00:09:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 13:10:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	75539	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	276669	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	179065	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	405459	20.000	ng	0.00
76) Chrysene-d12	21.416	240	361184	20.000	ng	-0.01
86) Perylene-d12	23.851	264	425520	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	621923	132.712	ng	0.00
7) Phenol-d6	7.081	99	750456	118.766	ng	0.00
23) Nitrobenzene-d5	9.075	82	525552	82.311	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	413188	158.039	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1232027	85.057	ng	0.00
79) Terphenyl-d14	19.880	244	2102690	95.740	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	59882	33.166	ng	98
3) Pyridine	3.787	79	148949	30.429	ng	98
4) n-Nitrosodimethylamine	3.705	42	86147	40.423	ng	100
6) Aniline	7.240	93	142619	23.228	ng	98
8) 2-Chlorophenol	7.469	128	213921	44.463	ng	98
10) Phenol	7.111	94	264779	42.043	ng	96
11) bis(2-Chloroethyl)ether	7.340	93	201408	41.106	ng	99
12) 1,3-Dichlorobenzene	7.787	146	244976	41.612	ng	99
13) 1,4-Dichlorobenzene	7.940	146	251735	42.206	ng	98
14) 1,2-Dichlorobenzene	8.252	146	237979	41.238	ng	99
15) Benzyl Alcohol	8.158	79	216218	42.826	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.446	45	198956	40.607	ng	98
17) 2-Methylphenol	8.358	107	180958	42.679	ng	98
18) Hexachloroethane	8.969	117	97525	42.184	ng	97
19) n-Nitroso-di-n-propyla...	8.722	70	170194	39.433	ng	98
20) 3+4-Methylphenols	8.687	107	239987	41.474	ng	97
22) Acetophenone	8.740	105	343884	43.630	ng	# 98
24) Nitrobenzene	9.122	77	257113	39.995	ng	97
25) Isophorone	9.646	82	462045	41.552	ng	100
26) 2-Nitrophenol	9.828	139	117144	47.790	ng	96
27) 2,4-Dimethylphenol	9.887	122	165176	52.699	ng	99
28) bis(2-Chloroethoxy)met...	10.134	93	266993	42.437	ng	98
29) 2,4-Dichlorophenol	10.363	162	214300	45.230	ng	96
30) 1,2,4-Trichlorobenzene	10.569	180	253216	43.587	ng	99
31) Naphthalene	10.757	128	638129	42.054	ng	100
32) Benzoic acid	10.052	122	147017	48.142	ng	95
33) 4-Chloroaniline	10.881	127	58075	10.349	ng	99
34) Hexachlorobutadiene	11.022	225	186521	43.327	ng	98
35) Caprolactam	11.693	113	63995	47.711	ng	98
36) 4-Chloro-3-methylphenol	12.010	107	231499	44.810	ng	99
37) 2-Methylnaphthalene	12.369	142	440013	41.901	ng	97
38) 1-Methylnaphthalene	12.587	142	427944	41.469	ng	99
40) 1,2,4,5-Tetrachloroben...	12.734	216	323797	46.887	ng	99
41) Hexachlorocyclopentadiene	12.698	237	363440	116.497	ng	99
43) 2,4,6-Trichlorophenol	12.981	196	194309	46.467	ng	96
44) 2,4,5-Trichlorophenol	13.057	196	212644	46.309	ng	98

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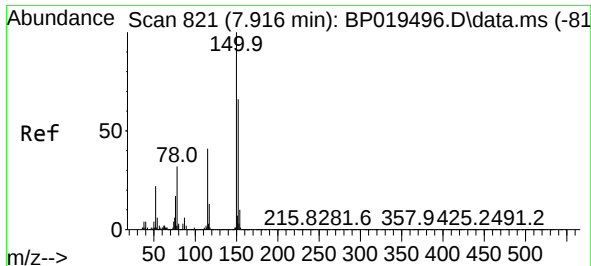
Quant Time: Feb 26 00:09:19 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.381	154	622375	43.548	ng	99
47) 2-Chloronaphthalene	13.422	162	484453	41.294	ng	99
48) 2-Nitroaniline	13.640	65	147913	45.089	ng	98
49) Acenaphthylene	14.269	152	765809	46.527	ng	99
50) Dimethylphthalate	14.016	163	613046	44.722	ng	100
51) 2,6-Dinitrotoluene	14.140	165	135901	45.124	ng	94
52) Acenaphthene	14.610	154	431974	42.286	ng	99
53) 3-Nitroaniline	14.469	138	69166	24.990	ng	96
54) 2,4-Dinitrophenol	14.687	184	171288	109.538	ng	98
55) Dibenzofuran	14.945	168	737524	44.327	ng	98
56) 4-Nitrophenol	14.792	139	201887	88.993	ng	97
57) 2,4-Dinitrotoluene	14.934	165	189775	48.085	ng	98
58) Fluorene	15.598	166	596106	44.983	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.175	232	200381	51.881	ng	95
60) Diethylphthalate	15.381	149	606903	44.512	ng	98
61) 4-Chlorophenyl-phenyle...	15.598	204	335925	45.101	ng	93
62) 4-Nitroaniline	15.634	138	124055	42.761	ng	99
63) Azobenzene	15.892	77	552872	41.932	ng	96
65) 4,6-Dinitro-2-methylph...	15.698	198	110282	47.701	ng	94
66) n-Nitrosodiphenylamine	15.816	169	523555	43.116	ng	98
67) 4-Bromophenyl-phenylether	16.498	248	226682	44.722	ng	94
68) Hexachlorobenzene	16.598	284	264924	44.757	ng	94
69) Atrazine	16.781	200	217855	54.065	ng	96
70) Pentachlorophenol	16.957	266	361674	98.118	ng	99
71) Phenanthrene	17.351	178	946145	44.341	ng	100
72) Anthracene	17.445	178	946406	44.462	ng	99
73) Carbazole	17.722	167	831970	43.025	ng	99
74) Di-n-butylphthalate	18.275	149	1016431	43.473	ng	100
75) Fluoranthene	19.322	202	1150240	44.127	ng	99
77) Benzidine	19.516	184	247742	32.808	ng	99
78) Pyrene	19.680	202	1174832	46.088	ng	98
80) Butylbenzylphthalate	20.569	149	426411	44.794	ng	93
81) Benzo(a)anthracene	21.398	228	1130834	44.478	ng	99
82) 3,3'-Dichlorobenzidine	21.333	252	329191	35.532	ng	99
83) Chrysene	21.451	228	1039462	43.063	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	602883	41.590	ng	99
85) Di-n-octyl phthalate	22.274	149	1033898	40.538	ng	99
87) Indeno(1,2,3-cd)pyrene	26.410	276	1550525	47.603	ng	97
88) Benzo(b)fluoranthene	23.110	252	1206251	44.978	ng	99
89) Benzo(k)fluoranthene	23.157	252	1093064	42.668	ng	97
90) Benzo(a)pyrene	23.745	252	1068701	44.786	ng	98
91) Dibenzo(a,h)anthracene	26.427	278	1301499	48.583	ng	98
92) Benzo(g,h,i)perylene	27.192	276	1256760	46.242	ng	98

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

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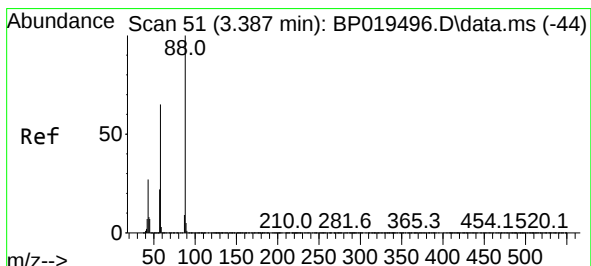
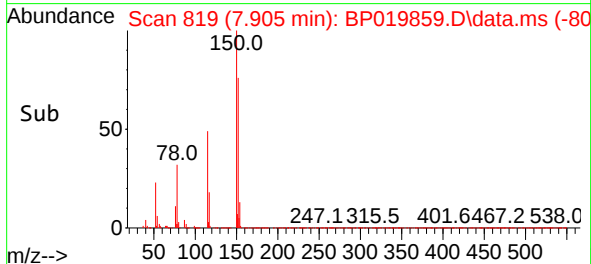
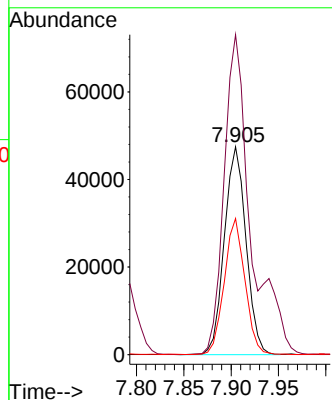
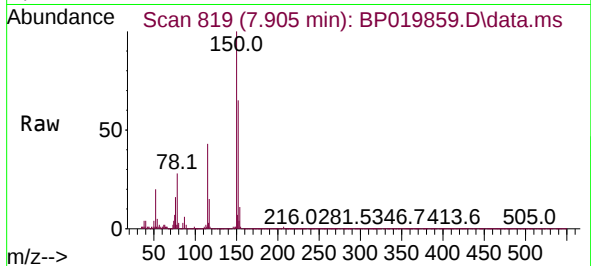




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.905 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: BP019859.D
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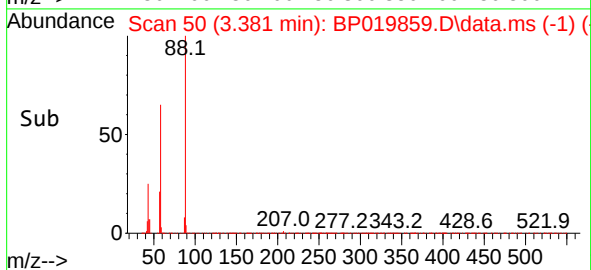
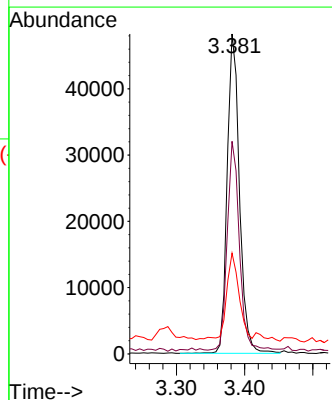
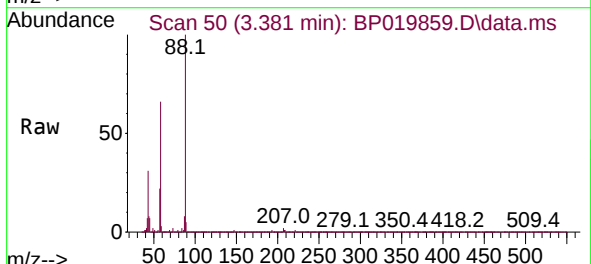
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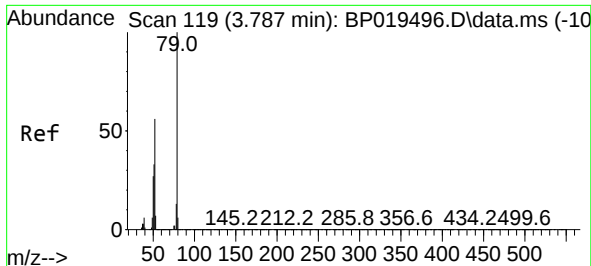
Tgt Ion:152 Resp: 75539
 Ion Ratio Lower Upper
 152 100
 150 154.1 121.8 182.8
 115 65.5 49.9 74.9



#2
 1,4-Dioxane
 Concen: 33.166 ng
 RT: 3.381 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: BP019859.D
 Acq: 24 Feb 2024 13:37

Tgt Ion: 88 Resp: 59882
 Ion Ratio Lower Upper
 88 100
 58 64.5 52.6 78.8
 43 28.4 21.9 32.9

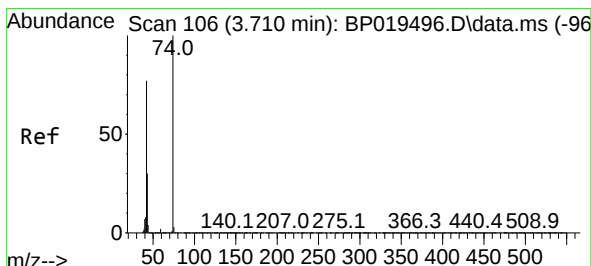
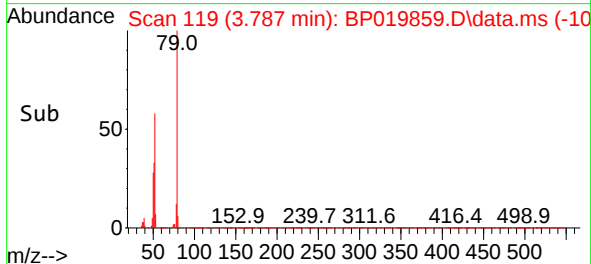
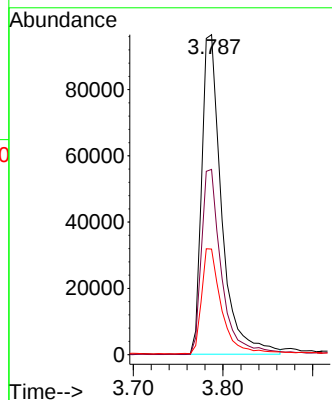
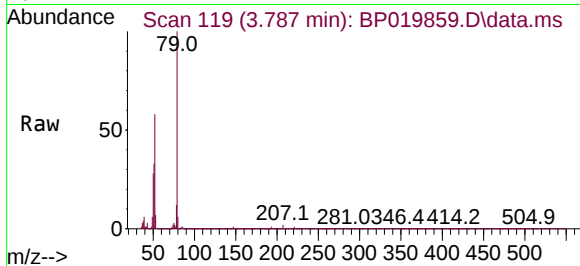




#3
Pyridine
Concen: 30.429 ng
RT: 3.787 min Scan# 119
Delta R.T. 0.006 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

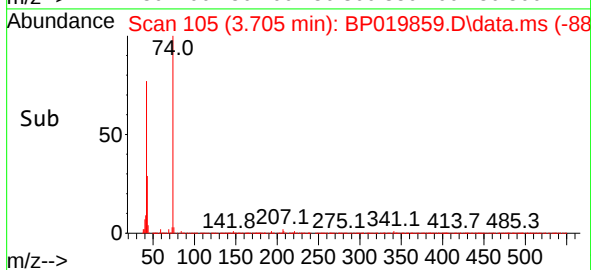
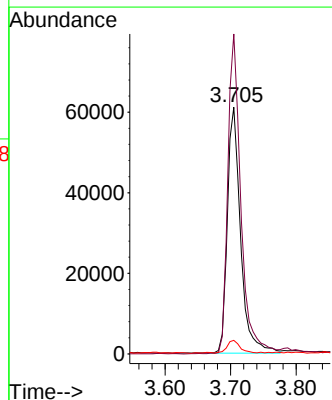
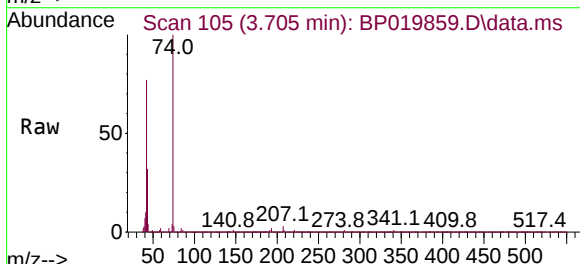
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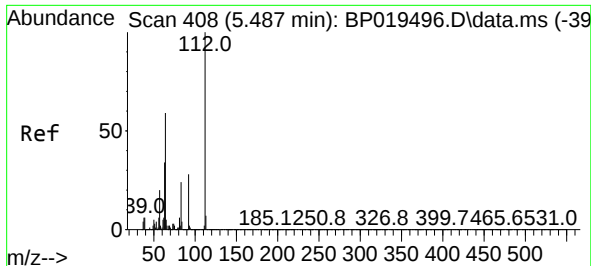
Tgt Ion: 79 Resp: 148949
Ion Ratio Lower Upper
79 100
52 57.9 45.0 67.6
51 33.0 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 40.423 ng
RT: 3.705 min Scan# 105
Delta R.T. -0.000 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

Tgt Ion: 42 Resp: 86147
Ion Ratio Lower Upper
42 100
74 129.8 103.4 155.2
44 5.5 4.8 7.2

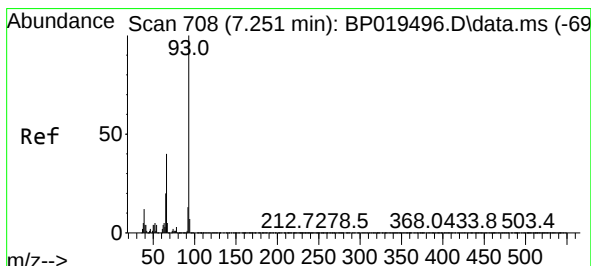
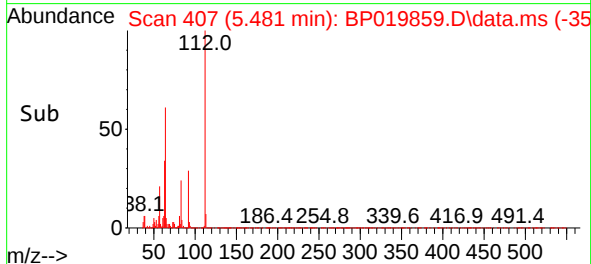
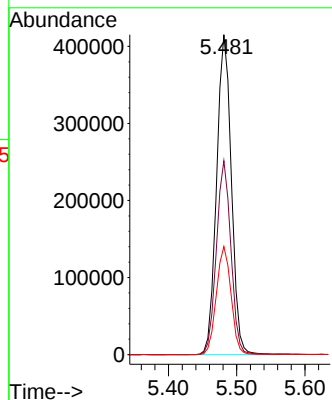
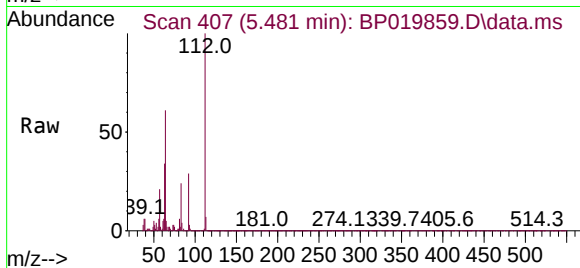




#5
2-Fluorophenol
Concen: 132.712 ng
RT: 5.481 min Scan# 408
Delta R.T. 0.006 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

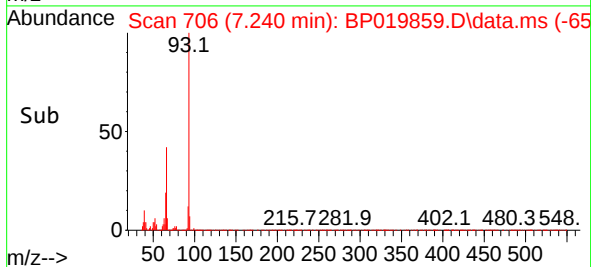
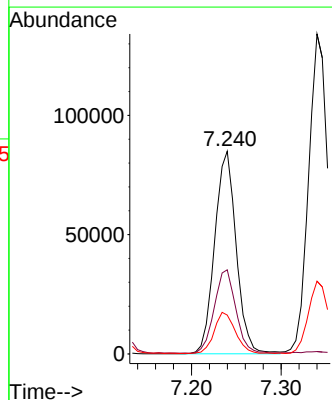
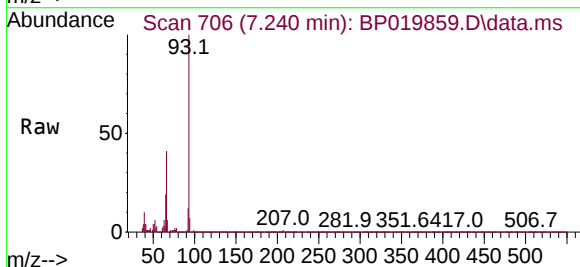
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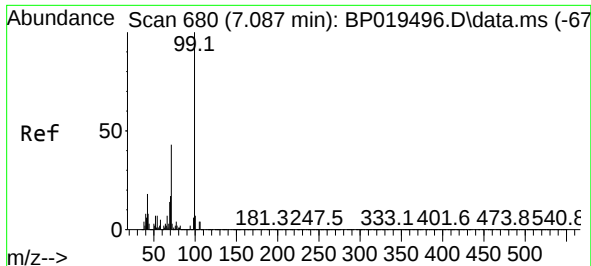
Tgt Ion:112 Resp: 621923
Ion Ratio Lower Upper
112 100
64 60.6 47.4 71.0
63 33.8 27.0 40.6



#6
Aniline
Concen: 23.228 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.006 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

Tgt Ion: 93 Resp: 142619
Ion Ratio Lower Upper
93 100
66 41.5 32.3 48.5
65 19.1 16.4 24.6

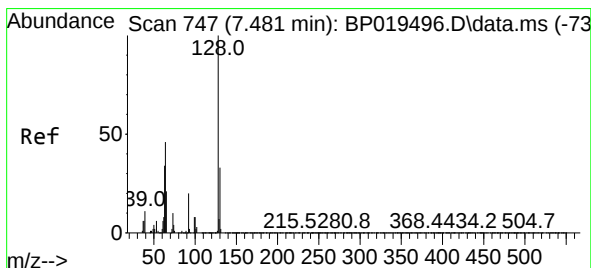
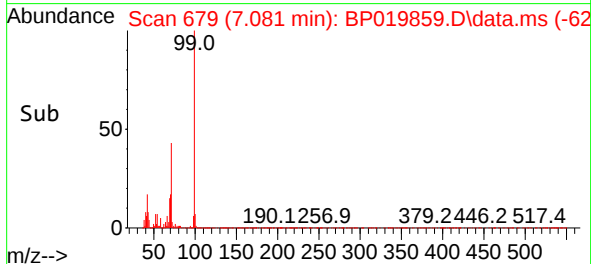
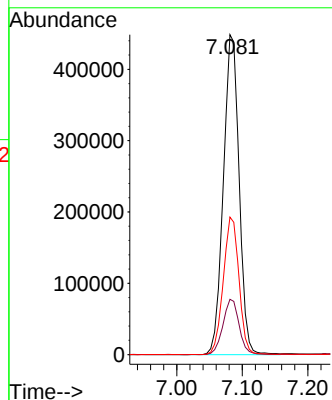
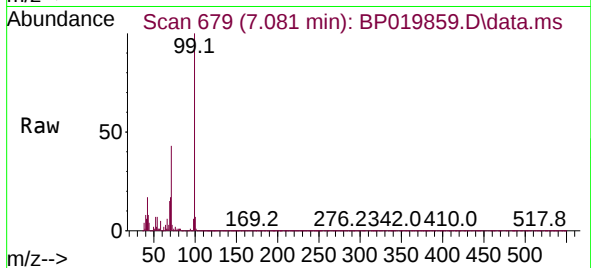




#7
Phenol-d6
Concen: 118.766 ng
RT: 7.081 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

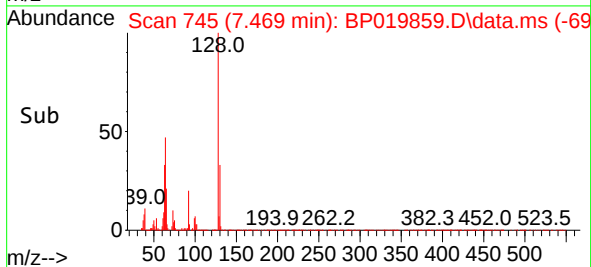
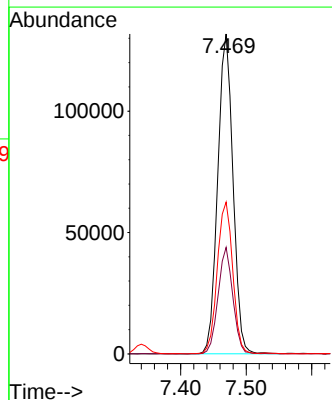
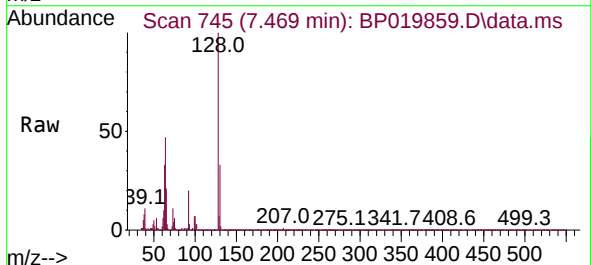
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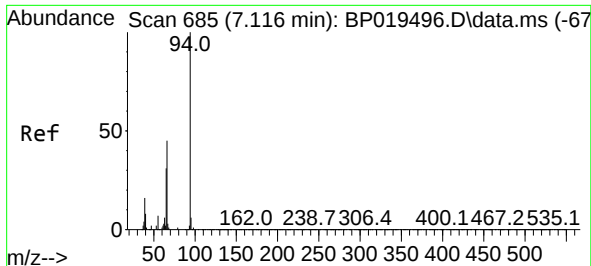
Tgt Ion: 99 Resp: 750456
Ion Ratio Lower Upper
99 100
42 17.3 14.7 22.1
71 43.0 34.8 52.2



#8
2-Chlorophenol
Concen: 44.463 ng
RT: 7.469 min Scan# 745
Delta R.T. 0.006 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

Tgt Ion: 128 Resp: 213921
Ion Ratio Lower Upper
128 100
130 33.3 13.3 53.3
64 47.4 29.7 69.7

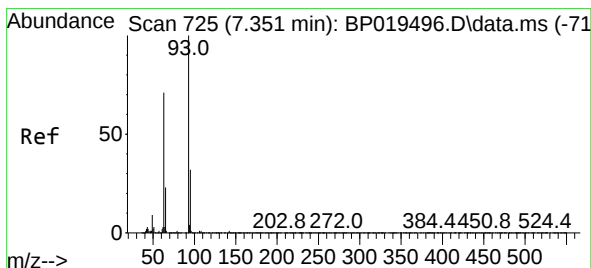
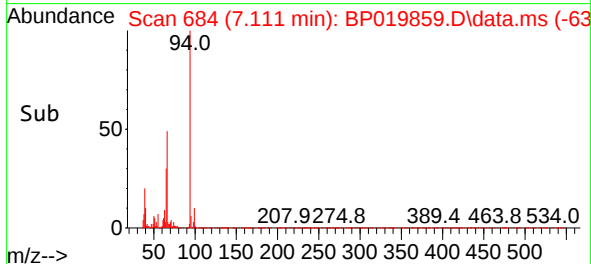
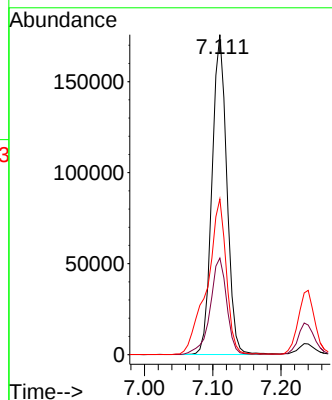
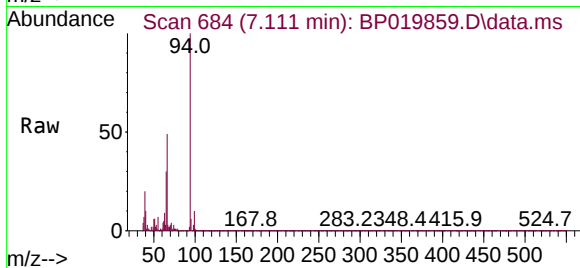




#10
Phenol
Concen: 42.043 ng
RT: 7.111 min Scan# 685
Delta R.T. 0.006 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

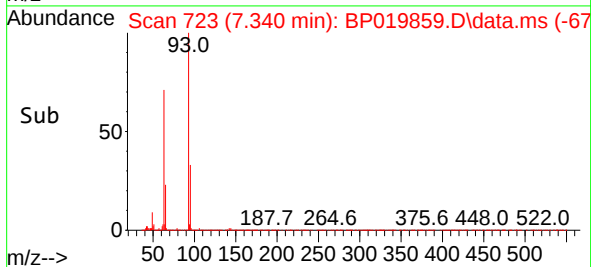
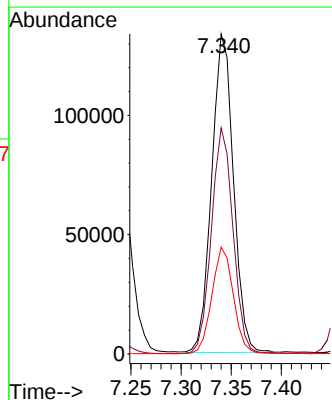
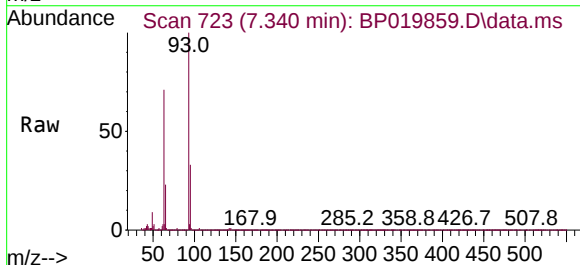
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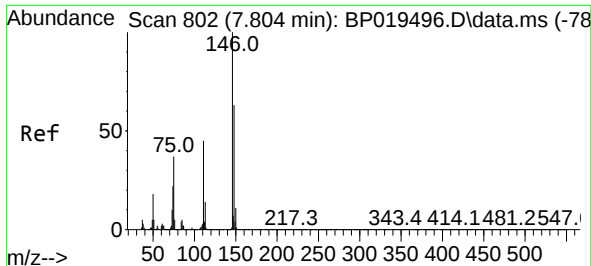
Tgt Ion: 94 Resp: 264779
Ion Ratio Lower Upper
94 100
65 30.2 11.3 51.3
66 48.6 25.1 65.1



#11
bis(2-Chloroethyl)ether
Concen: 41.106 ng
RT: 7.340 min Scan# 723
Delta R.T. 0.006 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

Tgt Ion: 93 Resp: 201408
Ion Ratio Lower Upper
93 100
63 70.6 51.2 91.2
95 33.4 11.8 51.8





#12

1,3-Dichlorobenzene

Concen: 41.612 ng

RT: 7.787 min Scan# 799

Delta R.T. -0.000 min

Lab File: BP019859.D

Acq: 24 Feb 2024 13:37

Instrument :

BNA_P

ClientSampleId :

PB159213BS

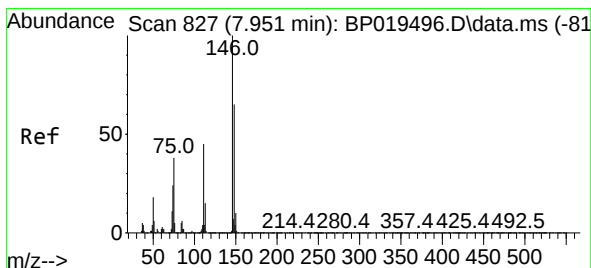
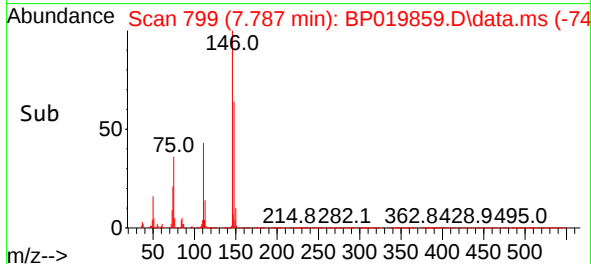
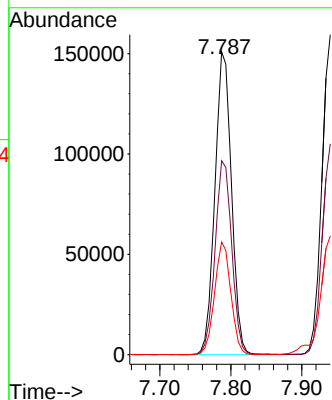
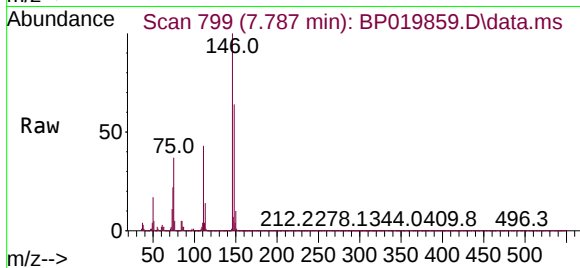
Tgt Ion:146 Resp: 244976

Ion Ratio Lower Upper

146 100

148 64.0 50.4 75.6

75 37.2 29.9 44.9



#13

1,4-Dichlorobenzene

Concen: 42.206 ng

RT: 7.940 min Scan# 825

Delta R.T. 0.006 min

Lab File: BP019859.D

Acq: 24 Feb 2024 13:37

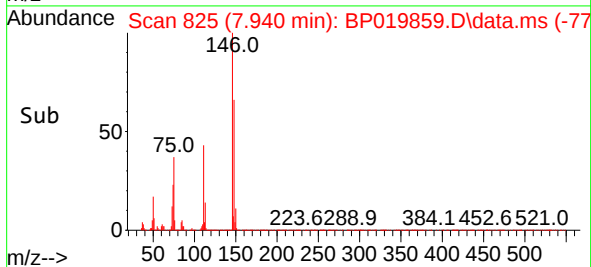
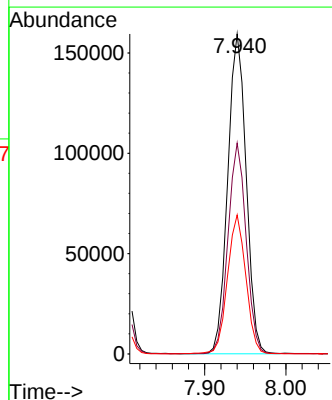
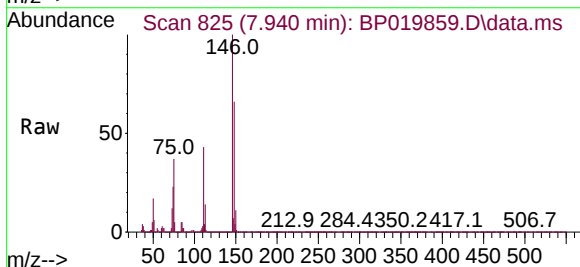
Tgt Ion:146 Resp: 251735

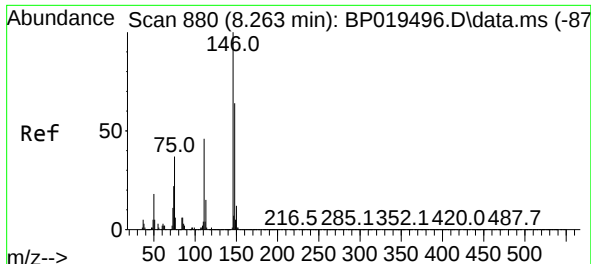
Ion Ratio Lower Upper

146 100

148 65.9 51.9 77.9

111 43.4 35.8 53.6

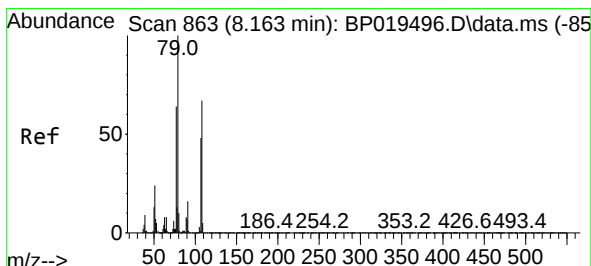
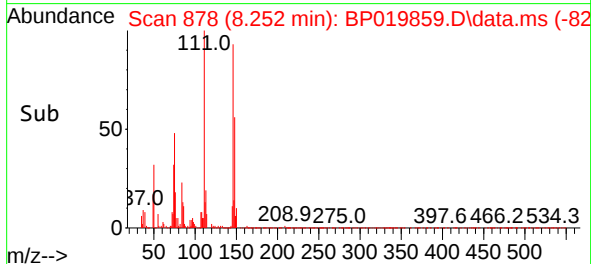
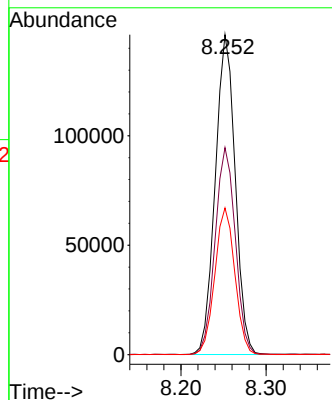
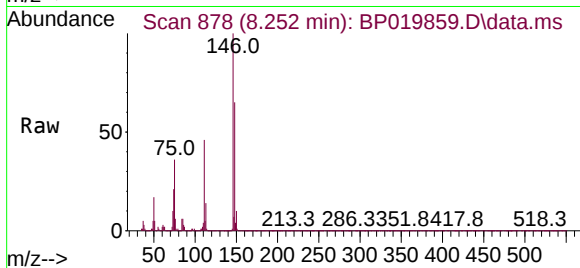




#14
1,2-Dichlorobenzene
Concen: 41.238 ng
RT: 8.252 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

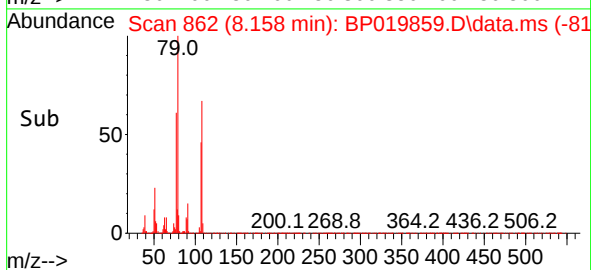
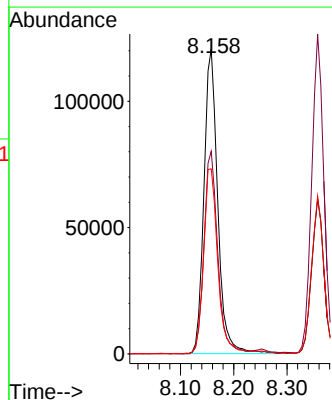
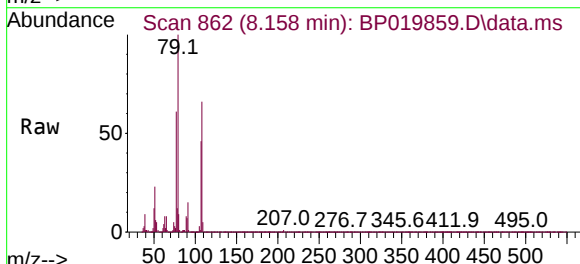
Instrument :
BNA_P
ClientSampleId :
PB159213BS

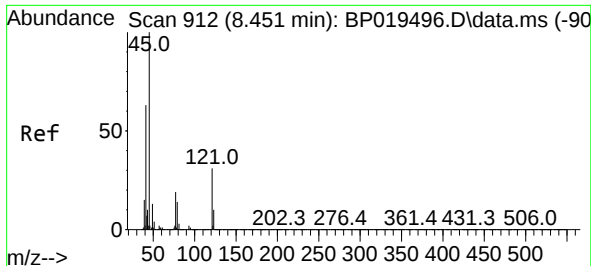
Tgt Ion:146 Resp: 237979
Ion Ratio Lower Upper
146 100
148 64.7 51.4 77.0
111 45.8 37.0 55.6



#15
Benzyl Alcohol
Concen: 42.826 ng
RT: 8.158 min Scan# 862
Delta R.T. 0.006 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

Tgt Ion: 79 Resp: 216218
Ion Ratio Lower Upper
79 100
108 66.4 53.8 80.6
77 60.7 51.3 76.9

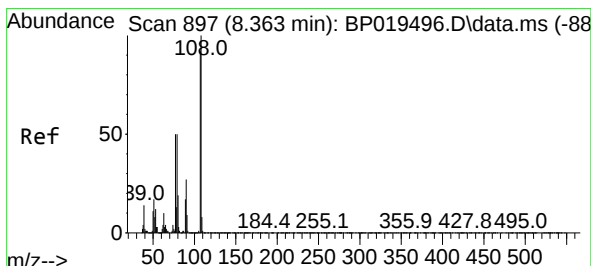
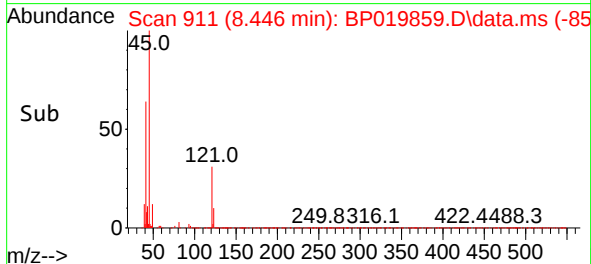
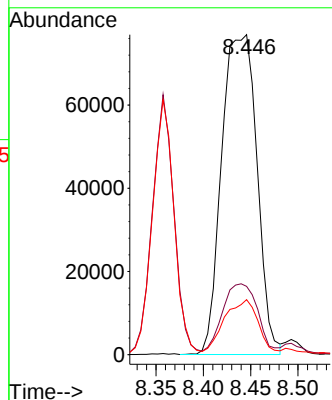
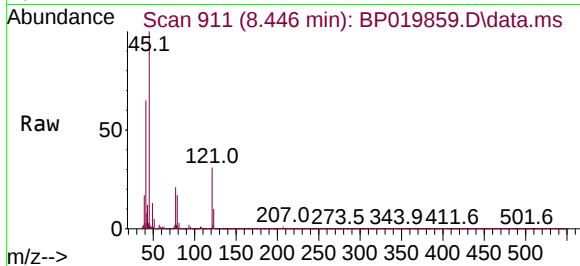




#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.607 ng
RT: 8.446 min Scan# 911
Delta R.T. 0.006 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

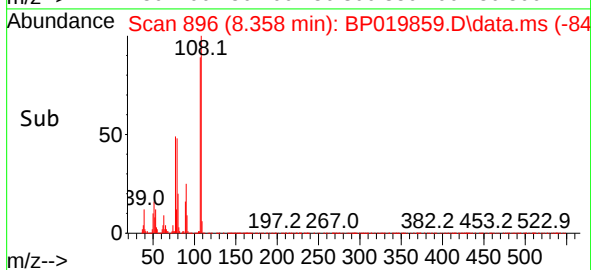
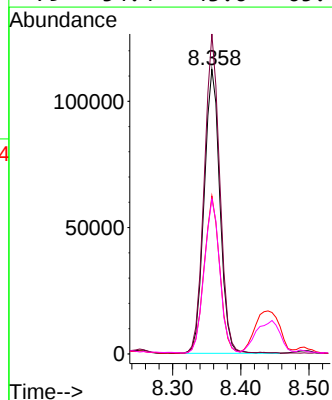
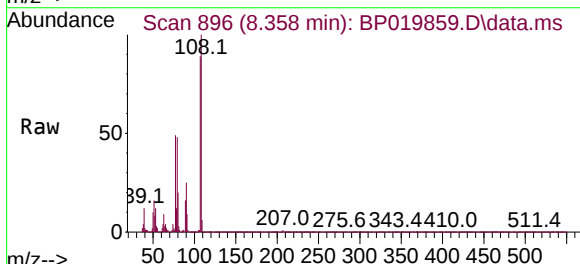
Instrument :
BNA_P
ClientSampleId :
PB159213BS

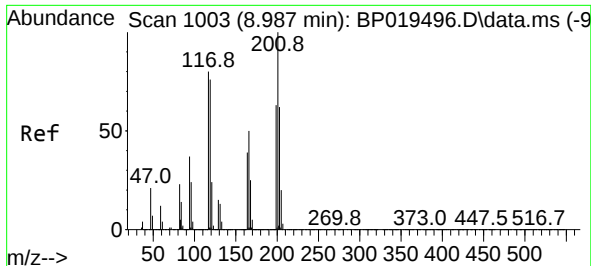
Tgt Ion: 45 Resp: 198956
Ion Ratio Lower Upper
45 100
77 21.3 0.8 40.8
79 17.2 0.0 35.5



#17
2-Methylphenol
Concen: 42.679 ng
RT: 8.358 min Scan# 896
Delta R.T. 0.006 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

Tgt Ion: 107 Resp: 180958
Ion Ratio Lower Upper
107 100
108 112.4 87.0 130.6
77 55.5 43.5 65.3
79 54.4 43.6 65.4

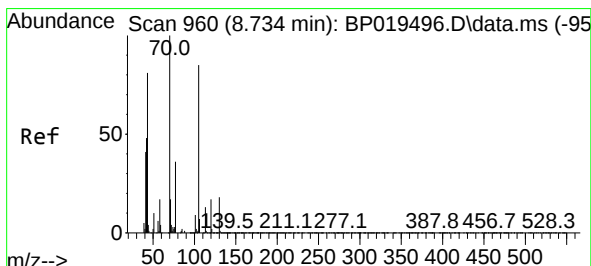
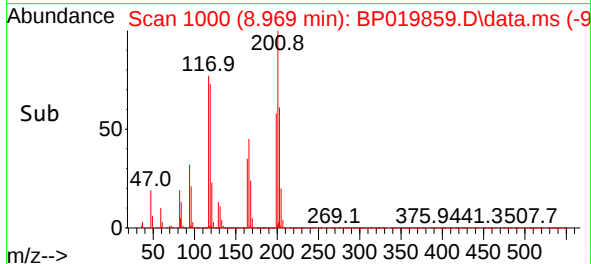
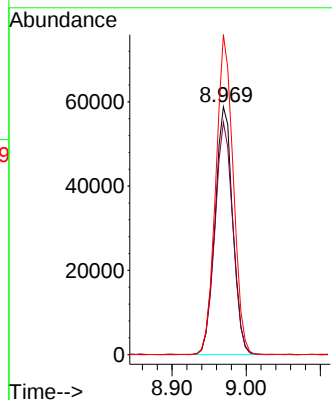
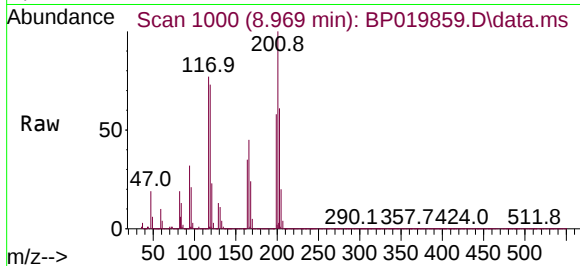




#18
Hexachloroethane
Concen: 42.184 ng
RT: 8.969 min Scan# 10
Delta R.T. 0.006 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

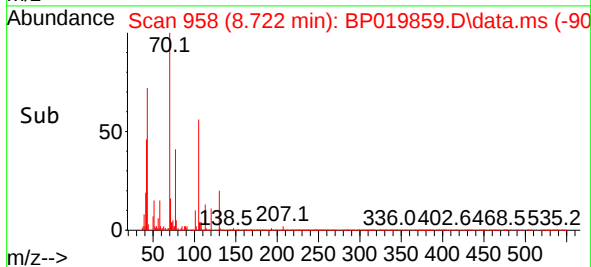
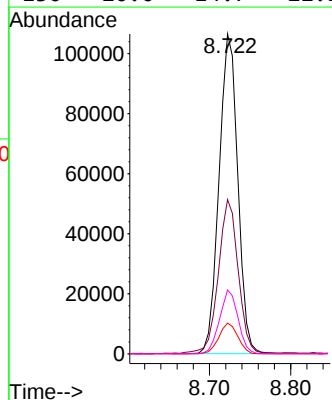
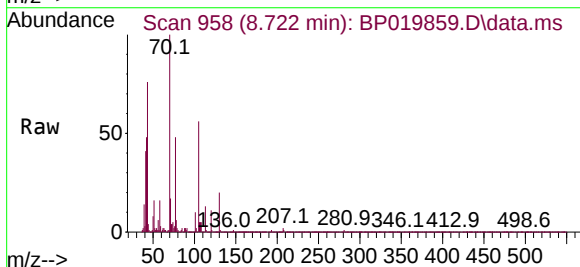
Instrument :
BNA_P
ClientSampleId :
PB159213BS

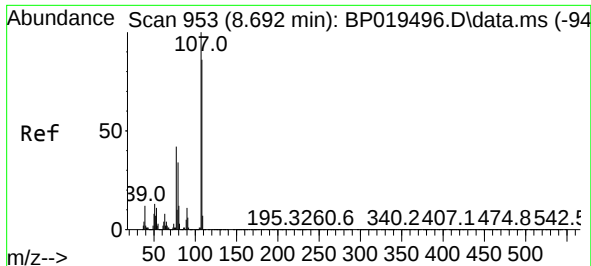
Tgt Ion:117 Resp: 97525
Ion Ratio Lower Upper
117 100
119 93.8 75.5 113.3
201 129.1 99.4 149.2



#19
n-Nitroso-di-n-propylamine
Concen: 39.433 ng
RT: 8.722 min Scan# 958
Delta R.T. 0.006 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

Tgt Ion: 70 Resp: 170194
Ion Ratio Lower Upper
70 100
42 48.2 39.2 58.8
101 9.7 7.3 10.9
130 20.0 14.7 22.1

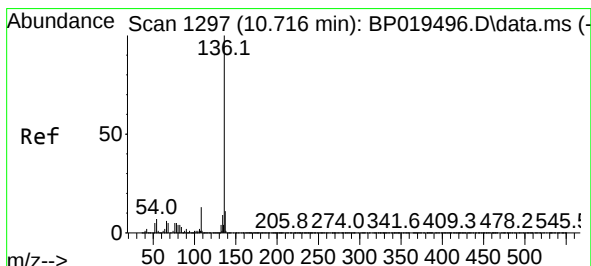
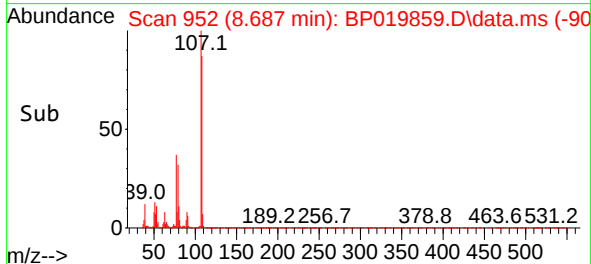
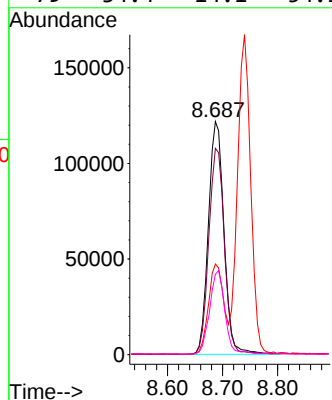
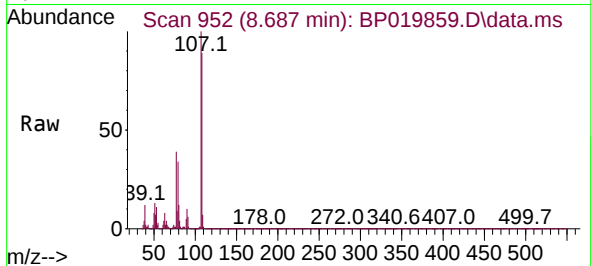




#20
3+4-Methylphenols
Concen: 41.474 ng
RT: 8.687 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

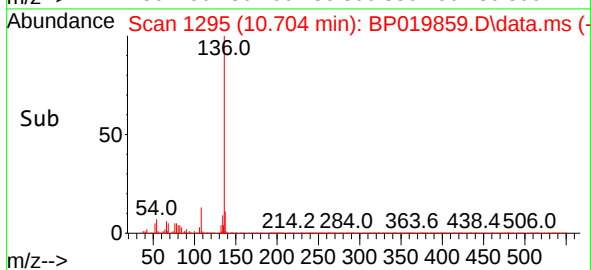
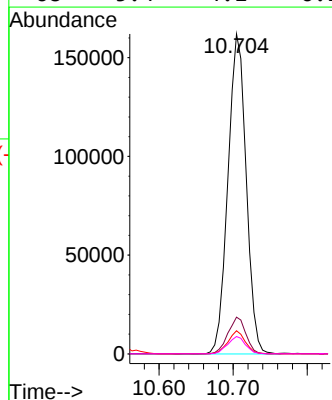
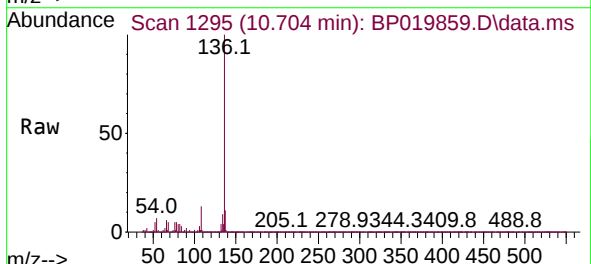
Instrument :
BNA_P
ClientSampleId :
PB159213BS

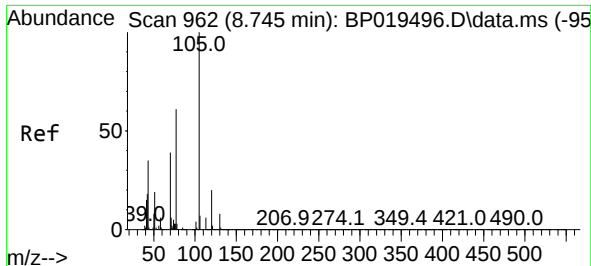
Tgt Ion:107	Resp:	239987
Ion	Ratio	Lower Upper
107	100	
108	88.6	65.5 105.5
77	38.9	21.8 61.8
79	34.4	14.1 54.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

Tgt Ion:136	Resp:	276669
Ion	Ratio	Lower Upper
136	100	
137	11.5	8.8 13.2
54	7.2	5.3 7.9
68	5.4	4.1 6.1

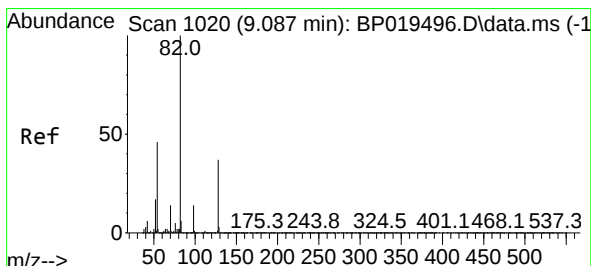
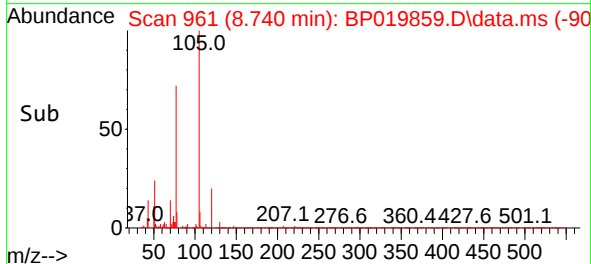
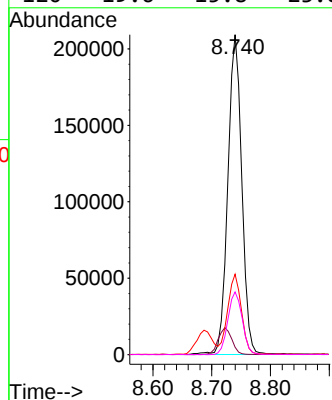
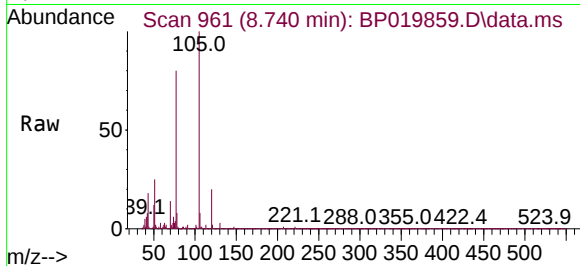




#22
Acetophenone
Concen: 43.630 ng
RT: 8.740 min Scan# 90
Delta R.T. 0.006 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

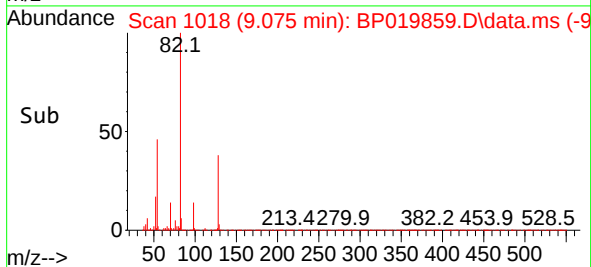
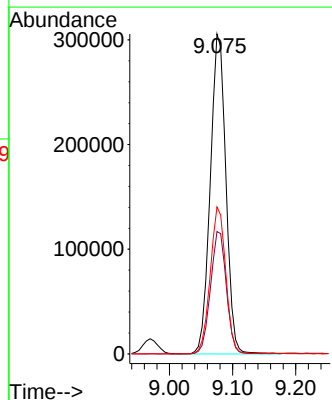
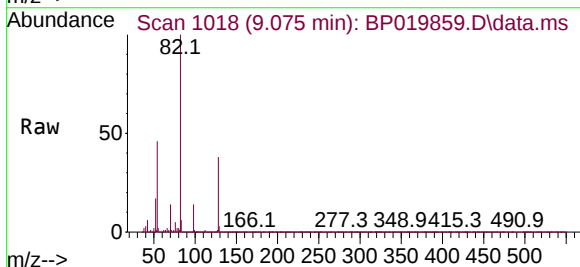
Instrument :
BNA_P
ClientSampleId :
PB159213BS

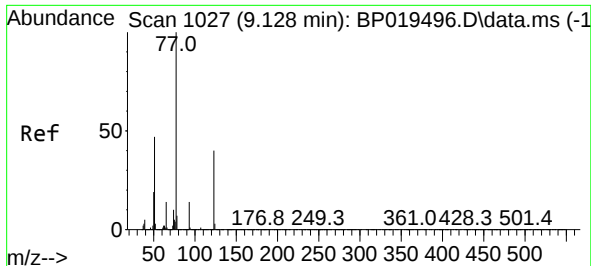
Tgt Ion:105 Resp: 343884
Ion Ratio Lower Upper
105 100
71 2.3 4.9 7.3#
51 25.1 20.7 31.1
120 19.6 15.8 23.8



#23
Nitrobenzene-d5
Concen: 82.311 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

Tgt Ion: 82 Resp: 525552
Ion Ratio Lower Upper
82 100
128 38.2 29.7 44.5
54 45.9 36.8 55.2

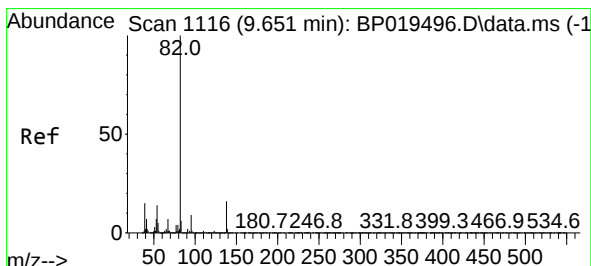
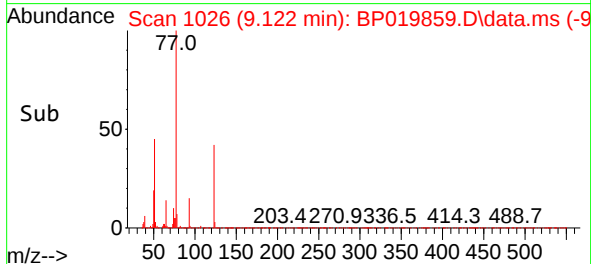
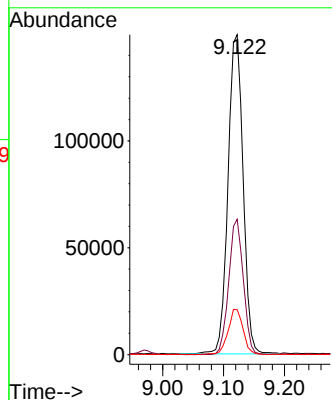
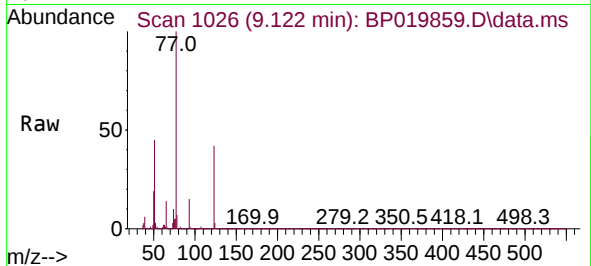




#24
Nitrobenzene
Concen: 39.995 ng
RT: 9.122 min Scan# 1026
Delta R.T. 0.006 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

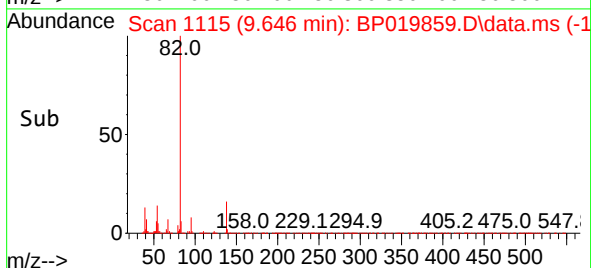
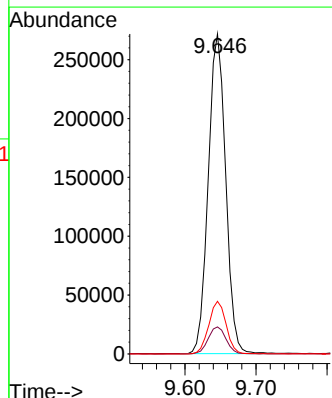
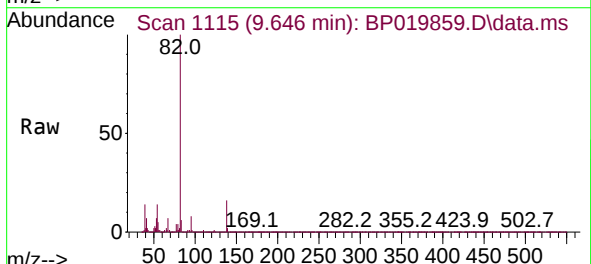
Instrument :
BNA_P
ClientSampleId :
PB159213BS

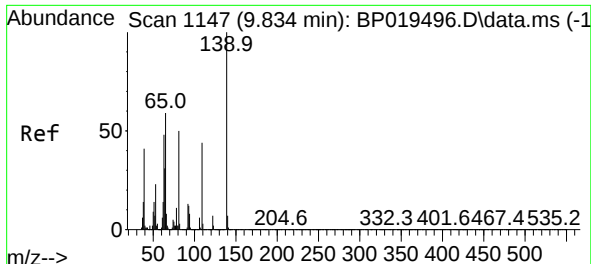
Tgt Ion: 77 Resp: 257113
Ion Ratio Lower Upper
77 100
123 42.3 32.3 48.5
65 14.0 11.6 17.4



#25
Isophorone
Concen: 41.552 ng
RT: 9.646 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

Tgt Ion: 82 Resp: 462045
Ion Ratio Lower Upper
82 100
95 8.5 7.0 10.4
138 16.4 13.1 19.7

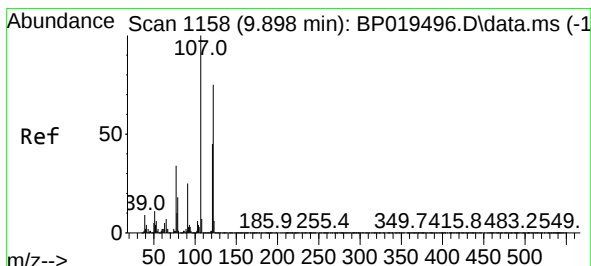
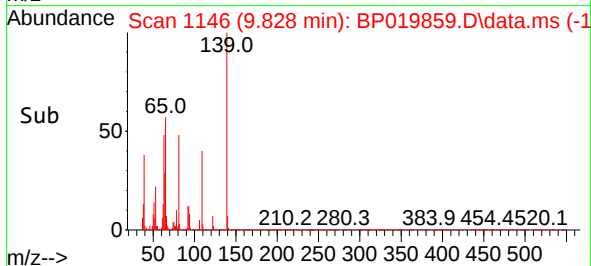
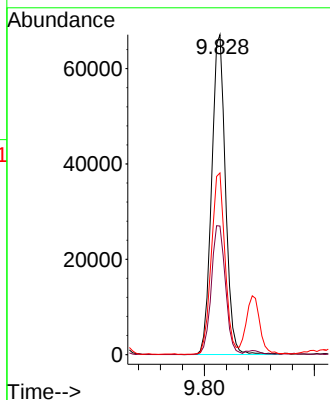
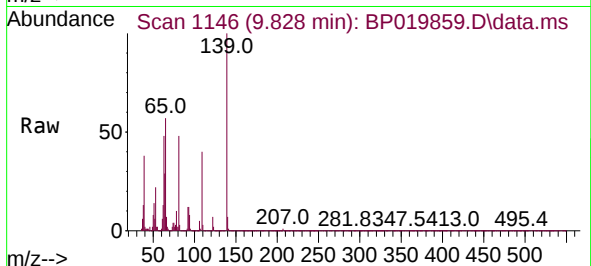




#26
2-Nitrophenol
Concen: 47.790 ng
RT: 9.828 min Scan# 1146
Delta R.T. 0.006 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

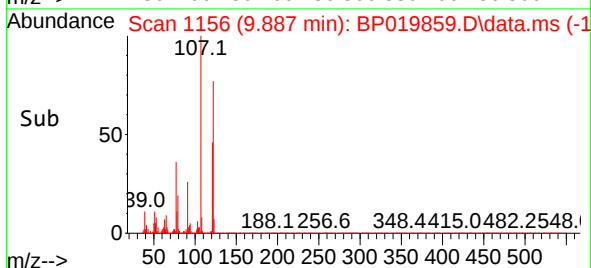
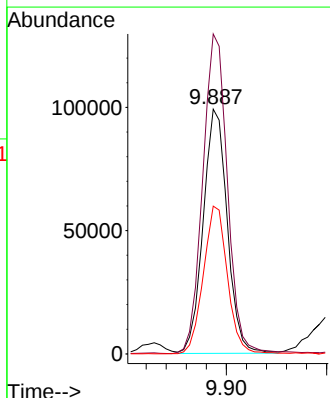
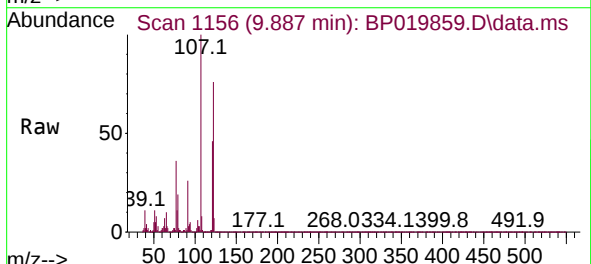
Instrument :
BNA_P
ClientSampleId :
PB159213BS

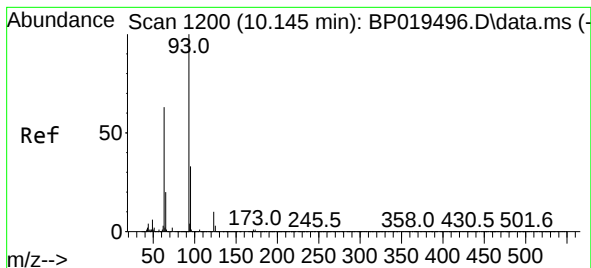
Tgt Ion:139 Resp: 117144
Ion Ratio Lower Upper
139 100
109 40.2 34.9 52.3
65 56.8 47.5 71.3



#27
2,4-Dimethylphenol
Concen: 52.699 ng
RT: 9.887 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

Tgt Ion:122 Resp: 165176
Ion Ratio Lower Upper
122 100
107 130.8 105.9 158.9
121 60.4 47.5 71.3

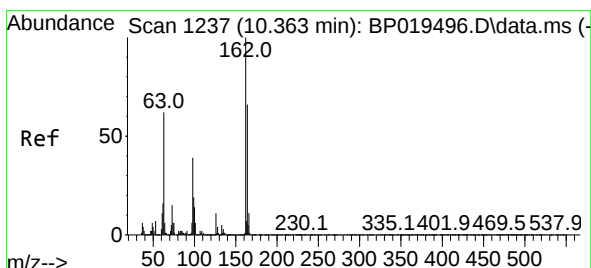
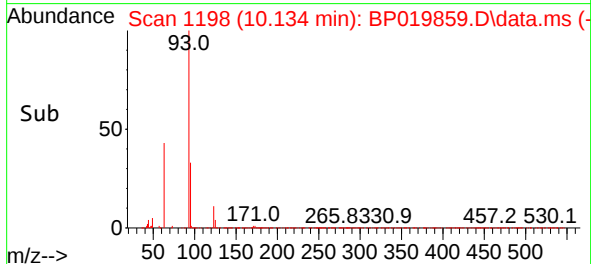
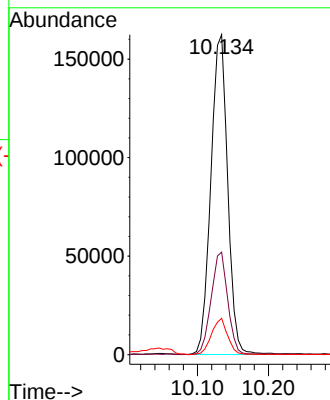
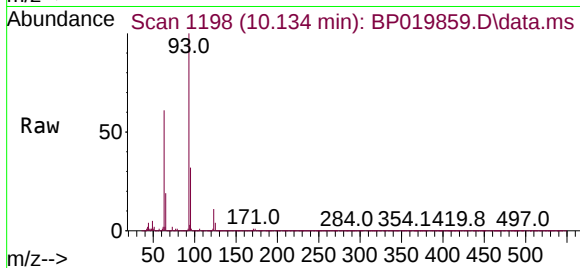




#28
bis(2-Chloroethoxy)methane
Concen: 42.437 ng
RT: 10.134 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

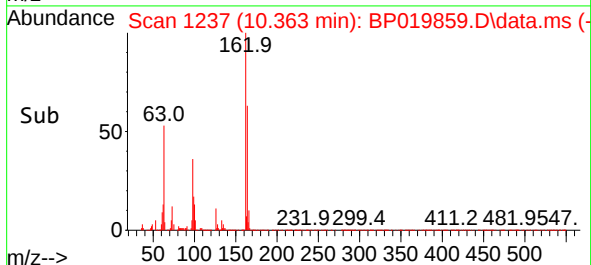
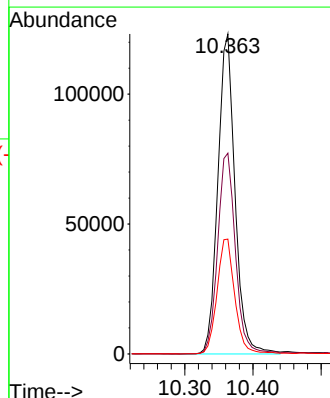
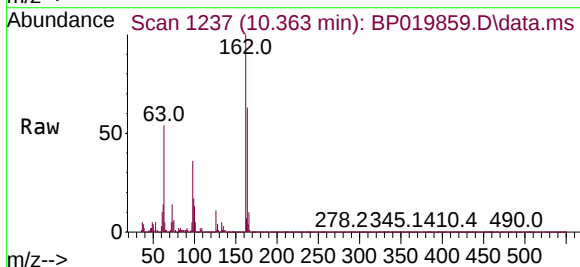
Instrument :
BNA_P
ClientSampleId :
PB159213BS

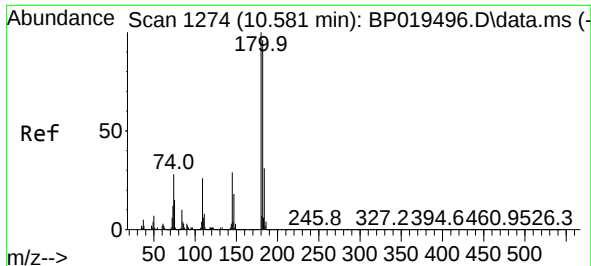
Tgt Ion: 93 Resp: 266993
Ion Ratio Lower Upper
93 100
95 32.0 26.2 39.4
123 11.3 8.5 12.7



#29
2,4-Dichlorophenol
Concen: 45.230 ng
RT: 10.363 min Scan# 1237
Delta R.T. 0.006 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

Tgt Ion:162 Resp: 214300
Ion Ratio Lower Upper
162 100
164 62.7 46.0 86.0
98 35.9 18.7 58.7

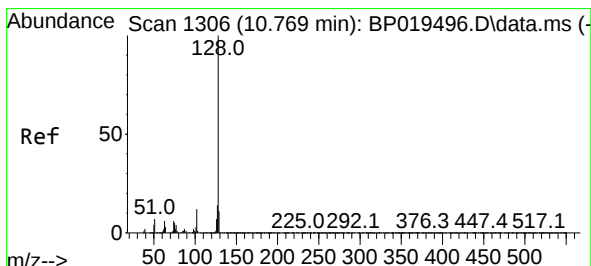
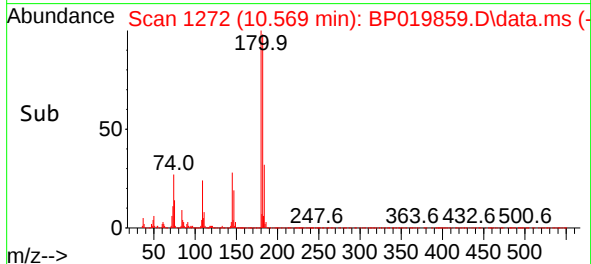
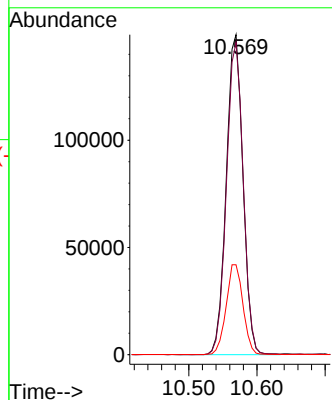
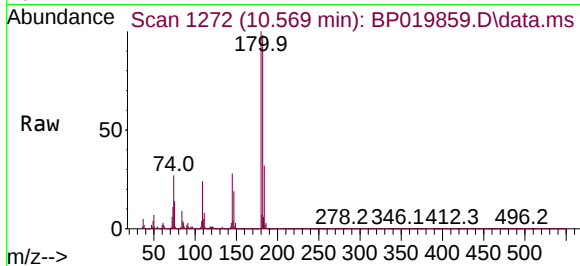




#30
1,2,4-Trichlorobenzene
Concen: 43.587 ng
RT: 10.569 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

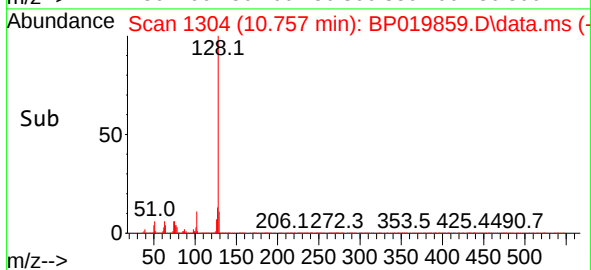
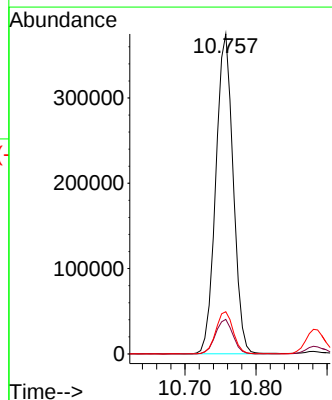
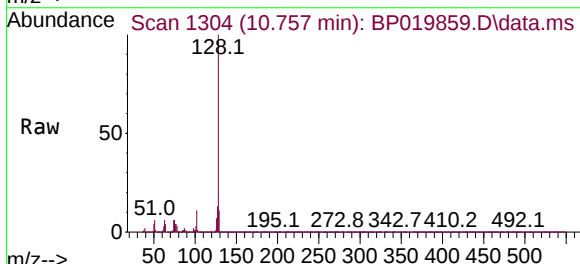
Instrument :
BNA_P
ClientSampleId :
PB159213BS

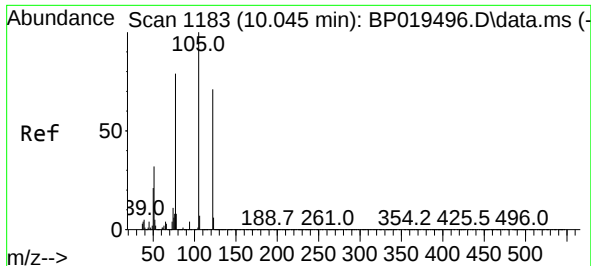
Tgt Ion:180 Resp: 253216
Ion Ratio Lower Upper
180 100
182 97.5 77.0 115.6
145 28.1 23.2 34.8



#31
Naphthalene
Concen: 42.054 ng
RT: 10.757 min Scan# 1304
Delta R.T. 0.006 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

Tgt Ion:128 Resp: 638129
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.2 10.8 16.2

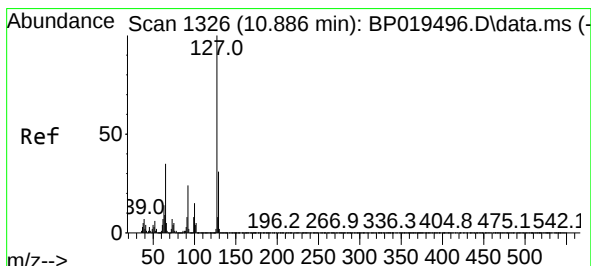
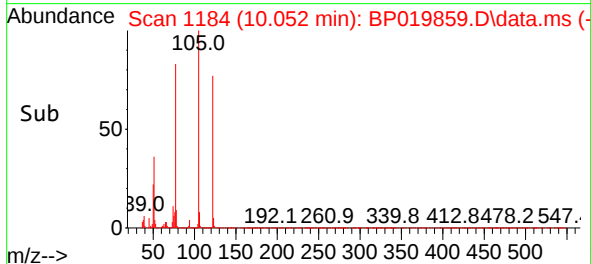
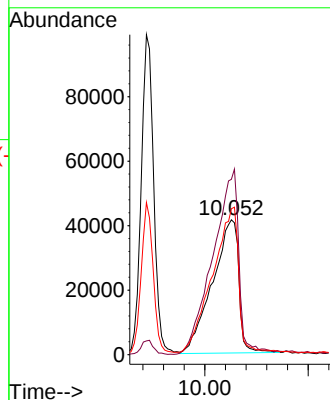
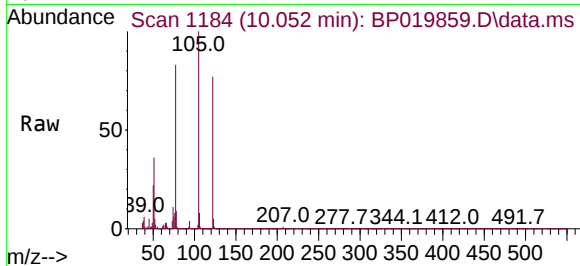




#32
Benzoic acid
Concen: 48.142 ng
RT: 10.052 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

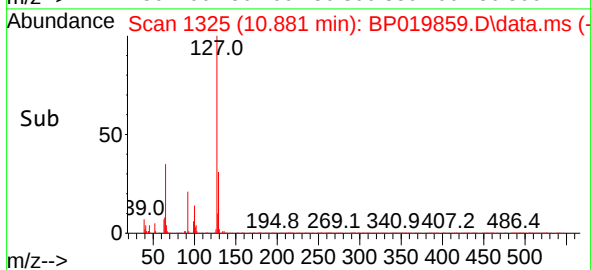
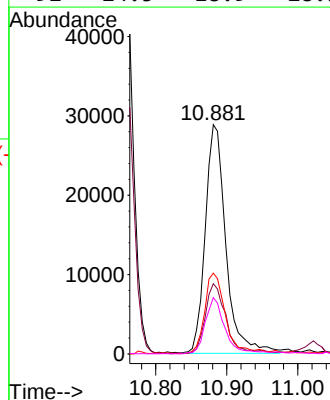
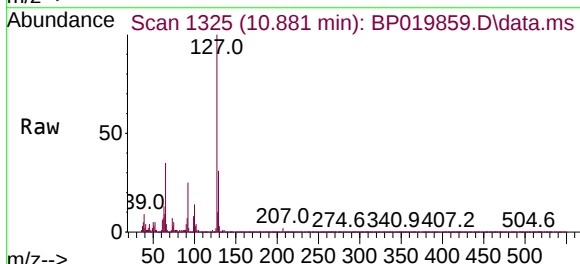
Instrument :
BNA_P
ClientSampleId :
PB159213BS

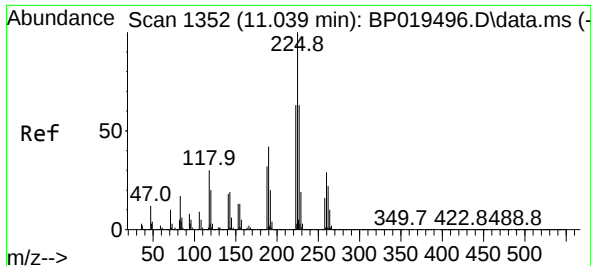
Tgt Ion:122 Resp: 147017
Ion Ratio Lower Upper
122 100
105 130.0 118.8 158.8
77 108.2 91.7 131.7



#33
4-Chloroaniline
Concen: 10.349 ng
RT: 10.881 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

Tgt Ion:127 Resp: 58075
Ion Ratio Lower Upper
127 100
129 30.6 24.6 36.8
65 35.2 28.2 42.4
92 24.5 18.9 28.3

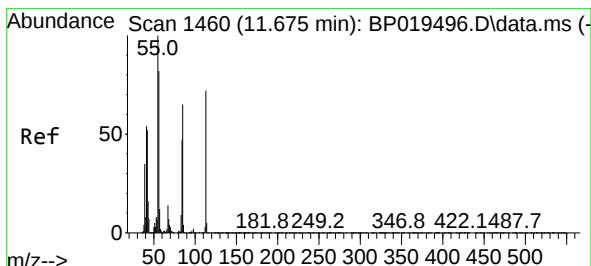
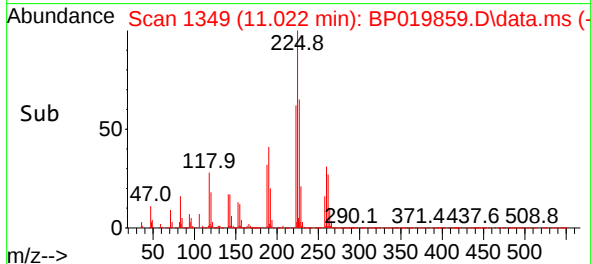
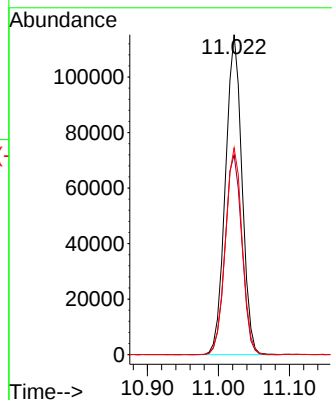
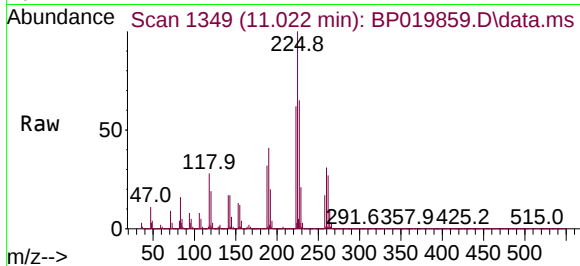




#34
Hexachlorobutadiene
Concen: 43.327 ng
RT: 11.022 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

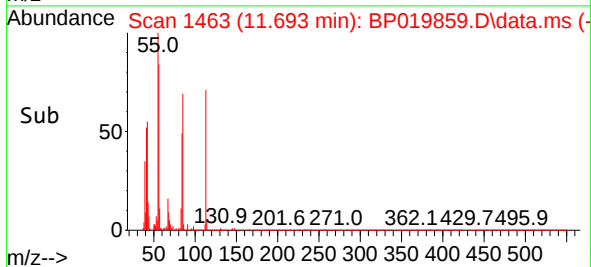
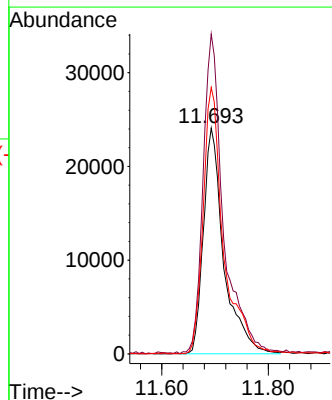
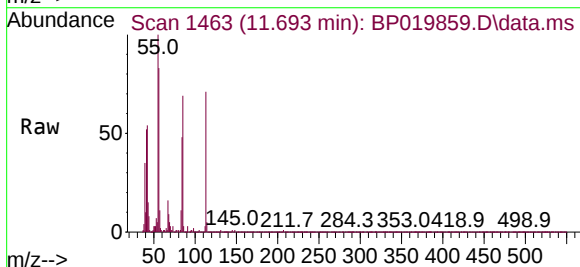
Instrument :
BNA_P
ClientSampleId :
PB159213BS

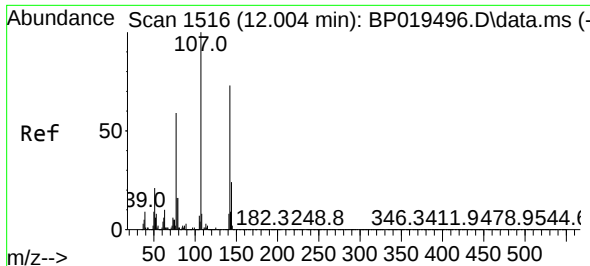
Tgt Ion:225 Resp: 186521
Ion Ratio Lower Upper
225 100
223 62.4 50.5 75.7
227 64.6 50.2 75.2



#35
Caprolactam
Concen: 47.711 ng
RT: 11.693 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

Tgt Ion:113 Resp: 63995
Ion Ratio Lower Upper
113 100
55 141.7 120.0 160.0
56 118.0 94.0 134.0

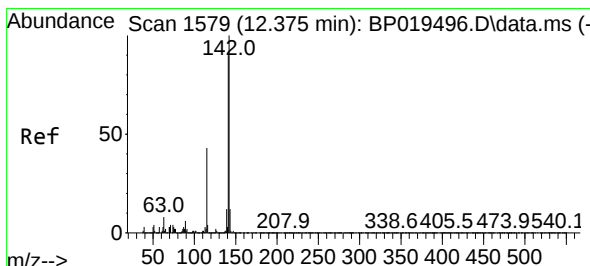
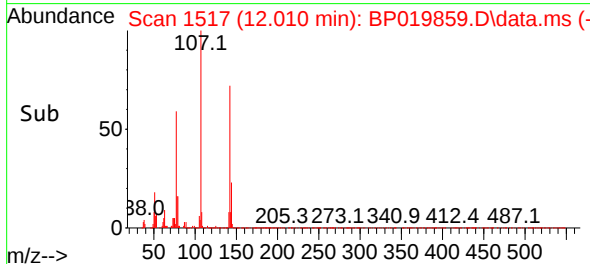
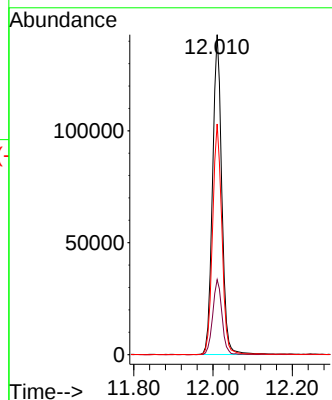
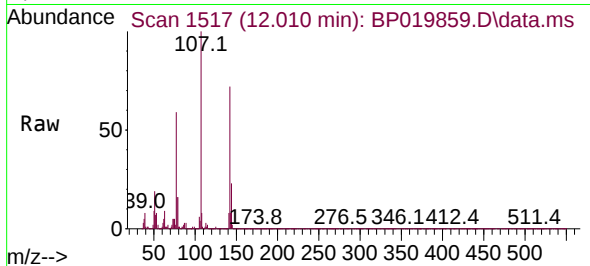




#36
4-Chloro-3-methylphenol
Concen: 44.810 ng
RT: 12.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

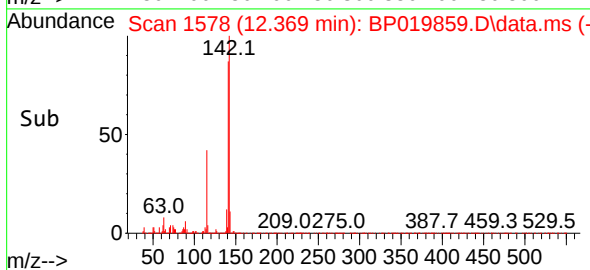
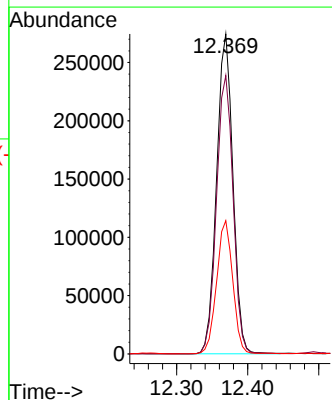
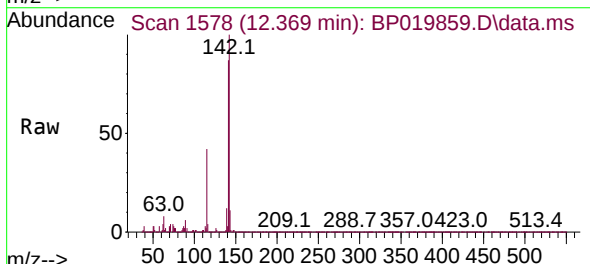
Instrument :
BNA_P
ClientSampleId :
PB159213BS

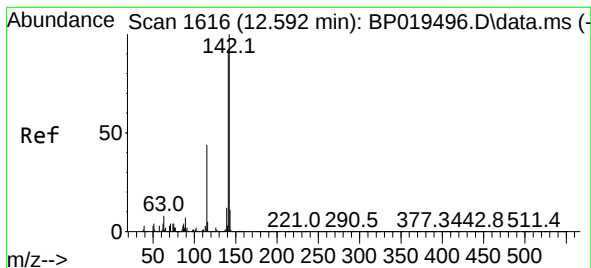
Tgt Ion:107 Resp: 231499
Ion Ratio Lower Upper
107 100
144 23.4 19.0 28.4
142 72.1 58.6 88.0



#37
2-Methylnaphthalene
Concen: 41.901 ng
RT: 12.369 min Scan# 1578
Delta R.T. 0.006 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

Tgt Ion:142 Resp: 440013
Ion Ratio Lower Upper
142 100
141 87.0 72.2 108.4
115 41.6 34.2 51.2





#38

1-Methylnaphthalene

Concen: 41.469 ng

RT: 12.587 min Scan# 1615

Delta R.T. -0.000 min

Lab File: BP019859.D

Acq: 24 Feb 2024 13:37

Instrument :

BNA_P

ClientSampleId :

PB159213BS

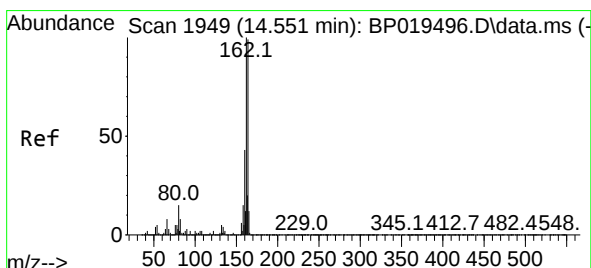
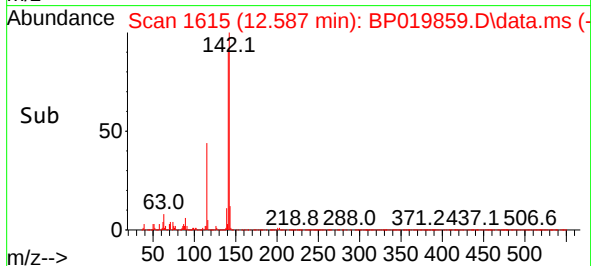
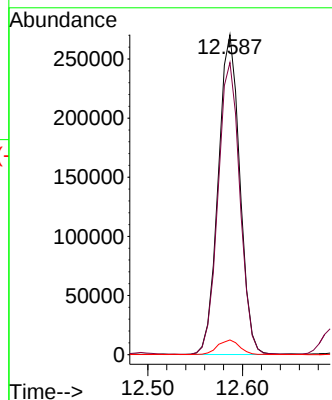
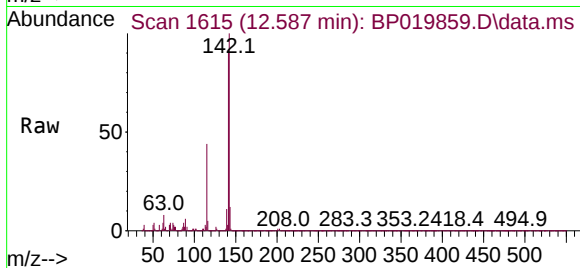
Tgt Ion:142 Resp: 427944

Ion Ratio Lower Upper

142 100

141 91.3 74.0 111.0

116 4.6 3.7 5.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.545 min Scan# 1948

Delta R.T. -0.000 min

Lab File: BP019859.D

Acq: 24 Feb 2024 13:37

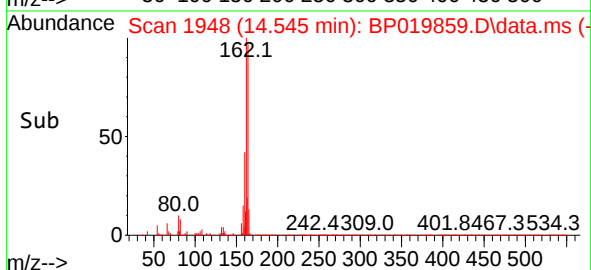
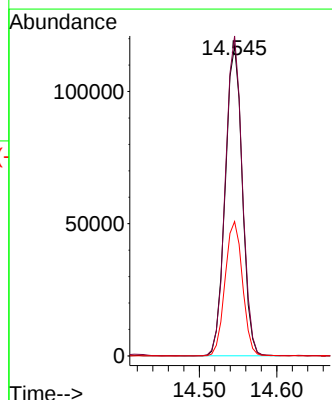
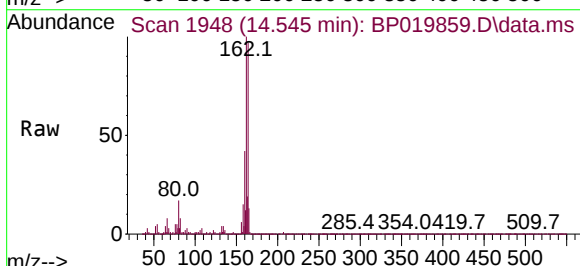
Tgt Ion:164 Resp: 179065

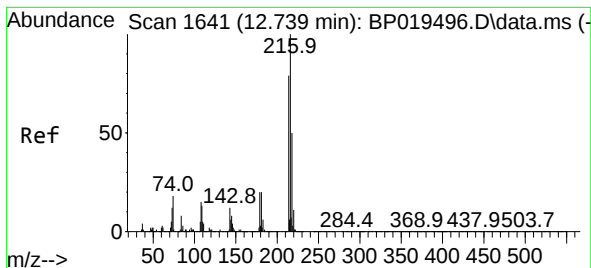
Ion Ratio Lower Upper

164 100

162 103.3 81.2 121.8

160 43.4 35.1 52.7

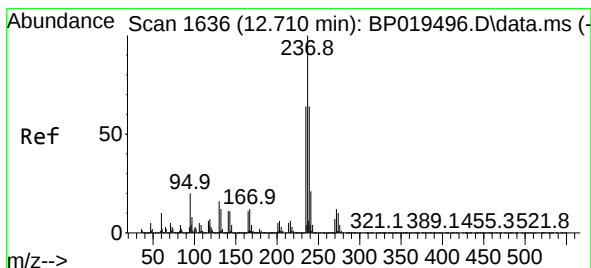
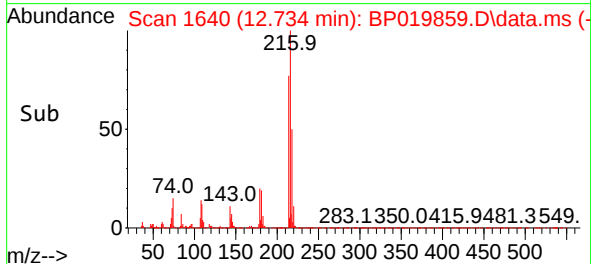
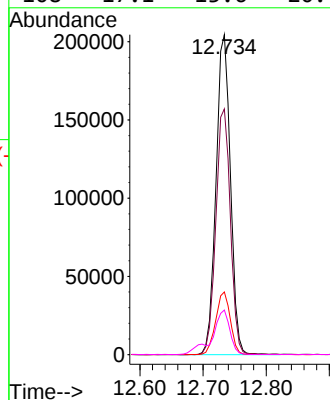
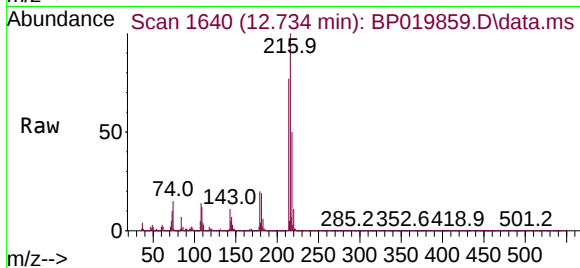




#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.887 ng
RT: 12.734 min Scan# 1640
Delta R.T. 0.006 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

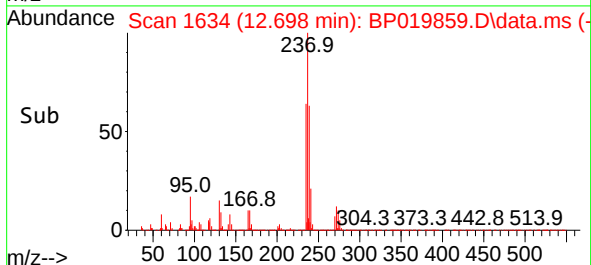
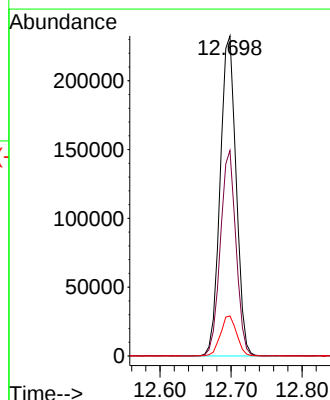
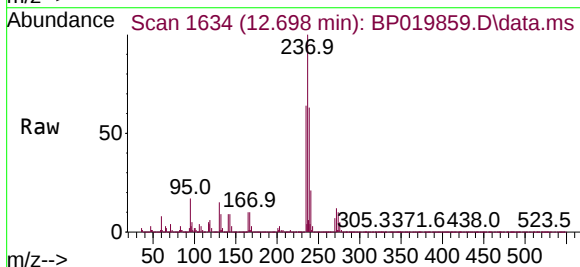
Instrument :
BNA_P
ClientSampleId :
PB159213BS

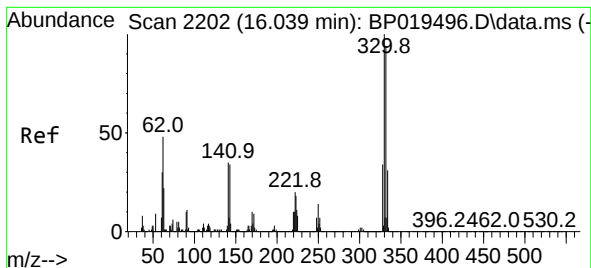
Tgt Ion:216 Resp: 323797
Ion Ratio Lower Upper
216 100
214 77.5 62.8 94.2
179 19.9 16.6 24.8
108 17.1 13.6 20.4



#41
Hexachlorocyclopentadiene
Concen: 116.497 ng
RT: 12.698 min Scan# 1634
Delta R.T. 0.006 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

Tgt Ion:237 Resp: 363440
Ion Ratio Lower Upper
237 100
235 64.2 43.7 83.7
272 12.5 0.0 32.4

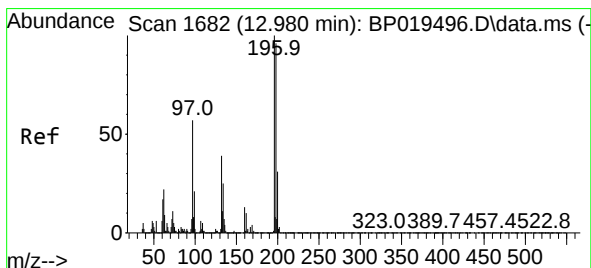
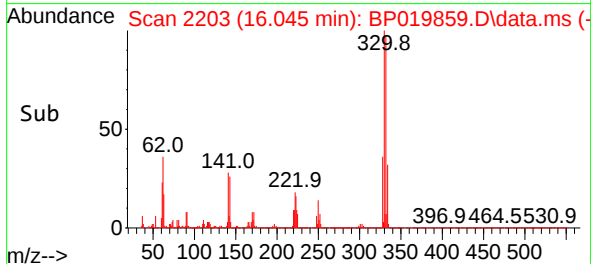
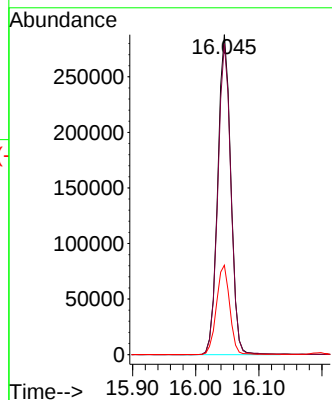
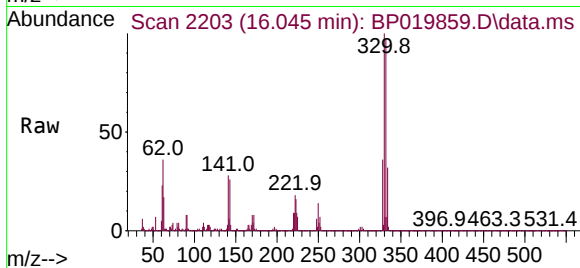




#42
2,4,6-Tribromophenol
Concen: 158.039 ng
RT: 16.045 min Scan# 2203
Delta R.T. -0.000 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

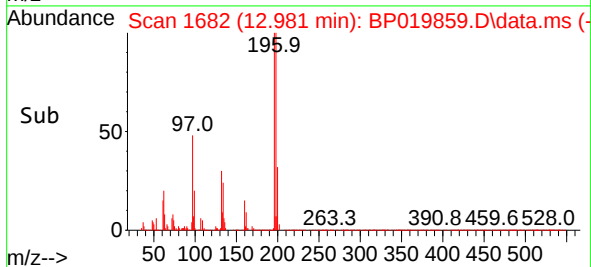
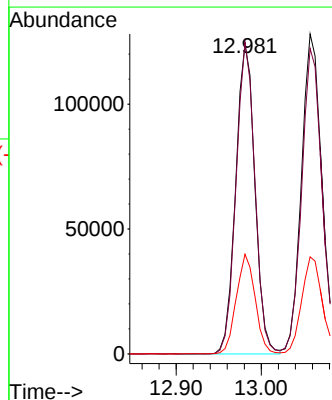
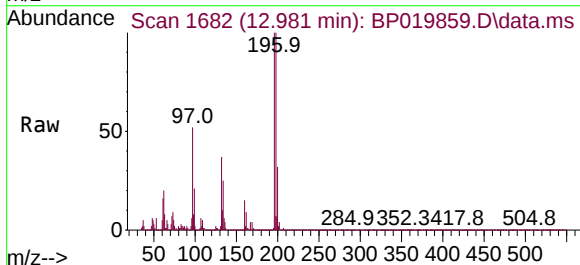
Instrument :
BNA_P
ClientSampleId :
PB159213BS

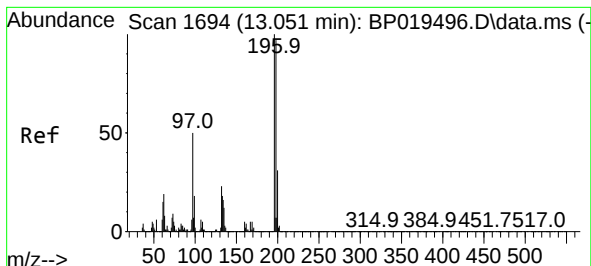
Tgt Ion:330 Resp: 413188
Ion Ratio Lower Upper
330 100
332 97.1 77.2 115.8
141 28.4 27.0 40.4



#43
2,4,6-Trichlorophenol
Concen: 46.467 ng
RT: 12.981 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

Tgt Ion:196 Resp: 194309
Ion Ratio Lower Upper
196 100
198 100.5 76.7 115.1
200 32.1 24.6 36.8





#44

2,4,5-Trichlorophenol

Concen: 46.309 ng

RT: 13.057 min Scan# 1694

Delta R.T. -0.000 min

Lab File: BP019859.D

Acq: 24 Feb 2024 13:37

Instrument :

BNA_P

ClientSampleId :

PB159213BS

Tgt Ion:196 Resp: 212644

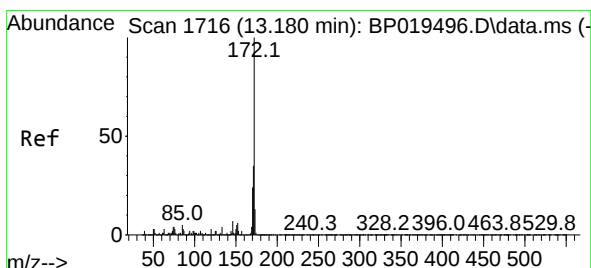
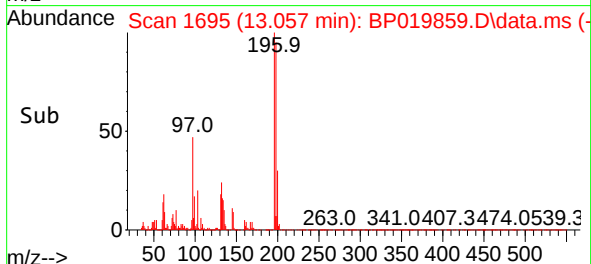
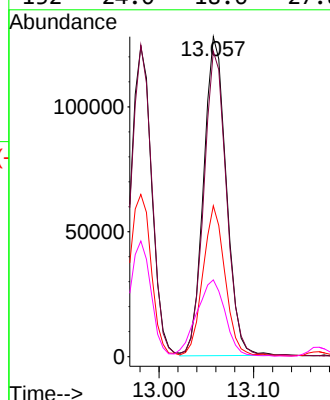
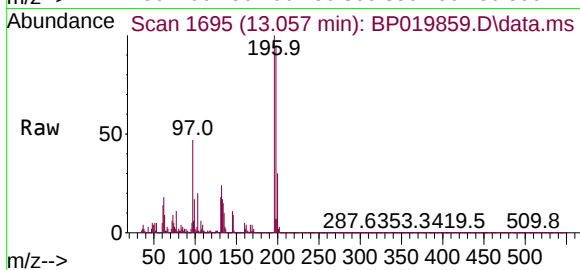
Ion Ratio Lower Upper

196 100

198 95.4 77.5 116.3

97 47.1 39.9 59.9

132 24.0 18.6 27.8



#45

2-Fluorobiphenyl

Concen: 85.057 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.000 min

Lab File: BP019859.D

Acq: 24 Feb 2024 13:37

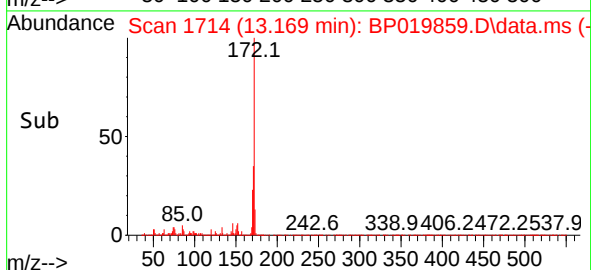
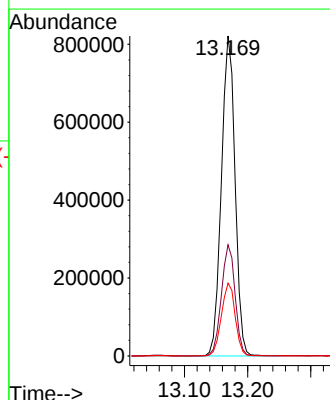
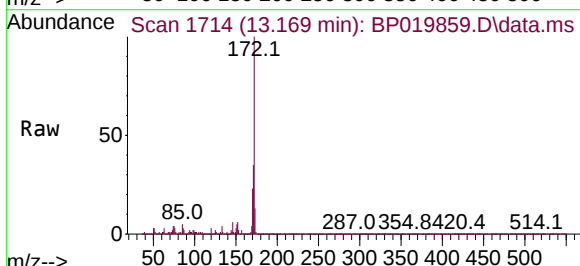
Tgt Ion:172 Resp: 1232027

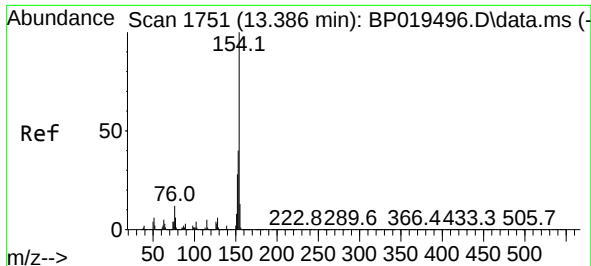
Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.4

170 22.7 18.9 28.3

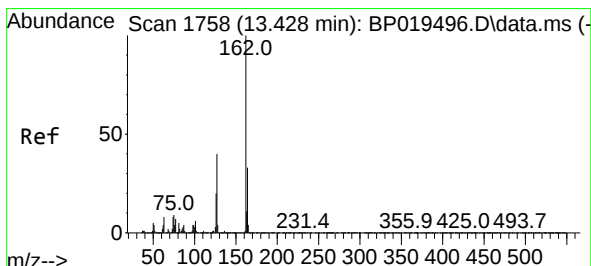
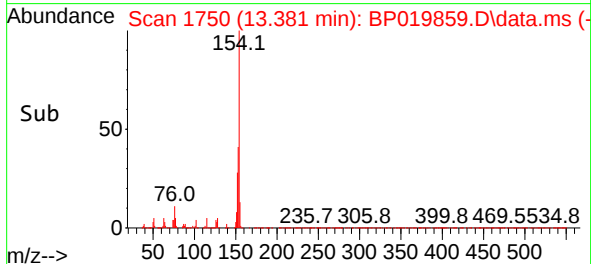
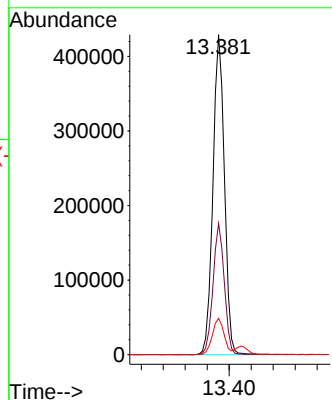
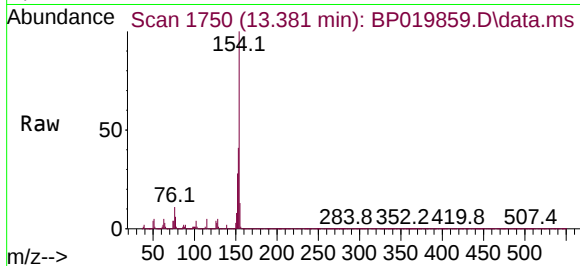




#46
1,1'-Biphenyl
Concen: 43.548 ng
RT: 13.381 min Scan# 1751
Delta R.T. -0.000 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

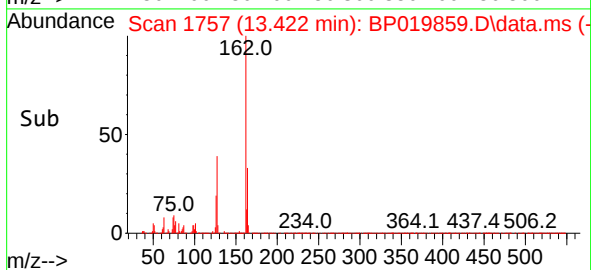
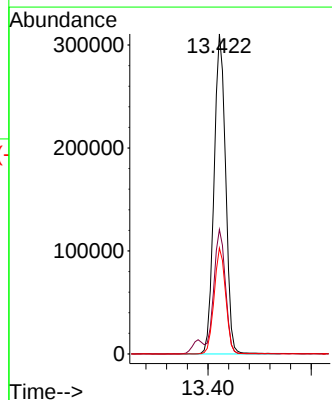
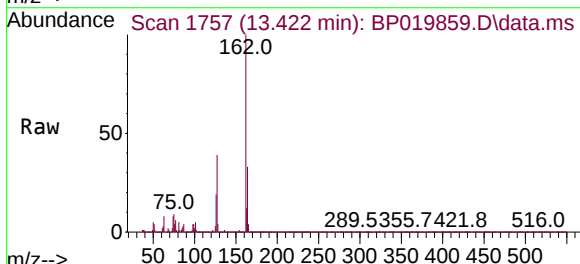
Instrument :
BNA_P
ClientSampleId :
PB159213BS

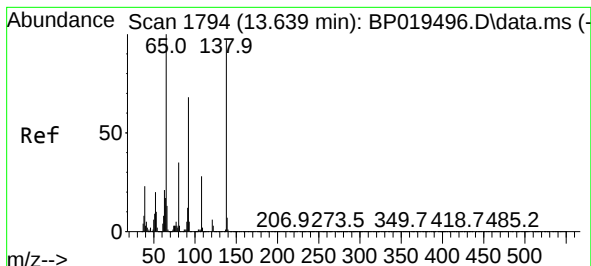
Tgt Ion:154 Resp: 622375
Ion Ratio Lower Upper
154 100
153 41.0 20.2 60.2
76 11.3 0.0 31.6



#47
2-Chloronaphthalene
Concen: 41.294 ng
RT: 13.422 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

Tgt Ion:162 Resp: 484453
Ion Ratio Lower Upper
162 100
127 38.9 32.1 48.1
164 33.1 26.7 40.1





#48

2-Nitroaniline

Concen: 45.089 ng

RT: 13.640 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP019859.D

Acq: 24 Feb 2024 13:37

Instrument :

BNA_P

ClientSampleId :

PB159213BS

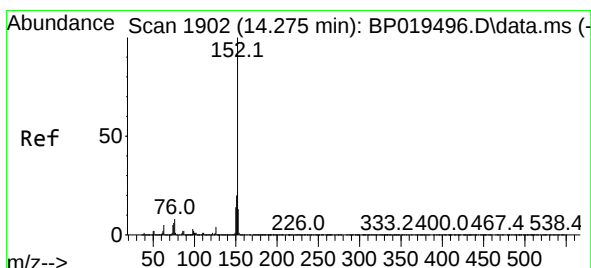
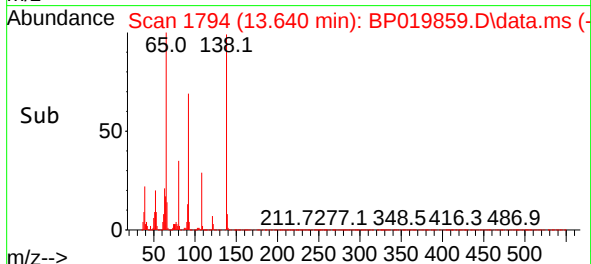
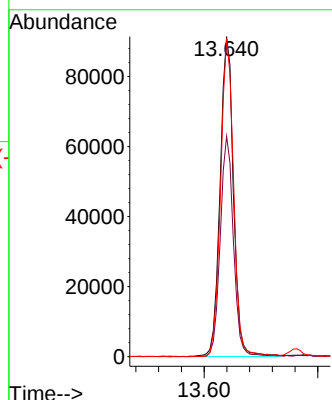
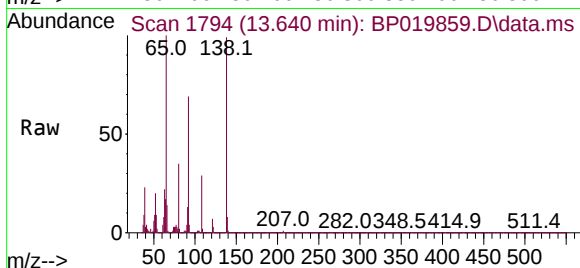
Tgt Ion: 65 Resp: 147913

Ion Ratio Lower Upper

65 100

92 68.9 54.7 82.1

138 99.4 77.8 116.6



#49

Acenaphthylene

Concen: 46.527 ng

RT: 14.269 min Scan# 1901

Delta R.T. -0.000 min

Lab File: BP019859.D

Acq: 24 Feb 2024 13:37

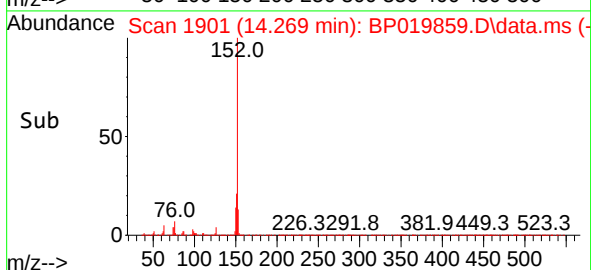
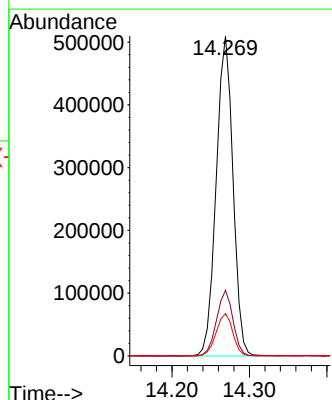
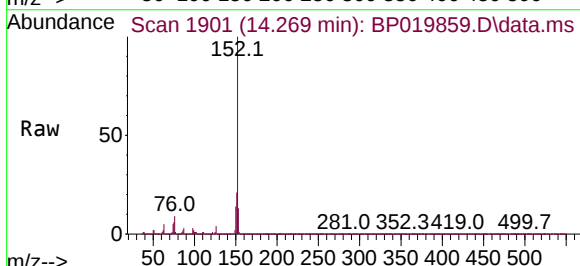
Tgt Ion:152 Resp: 765809

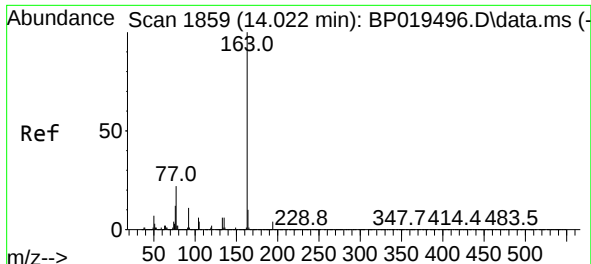
Ion Ratio Lower Upper

152 100

151 20.5 15.8 23.6

153 13.2 10.6 15.8

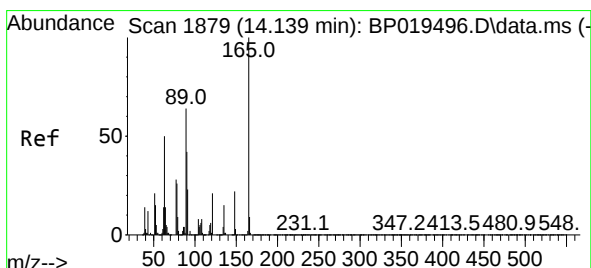
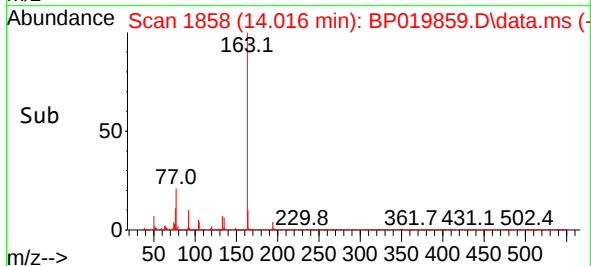
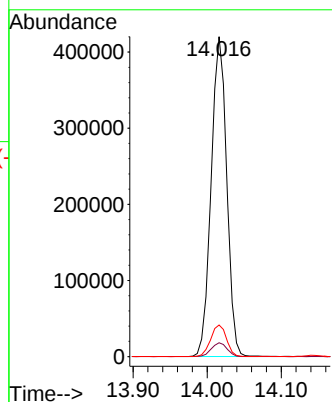
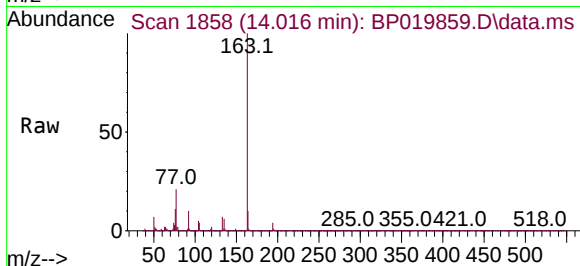




#50
Dimethylphthalate
Concen: 44.722 ng
RT: 14.016 min Scan# 1858
Delta R.T. -0.000 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

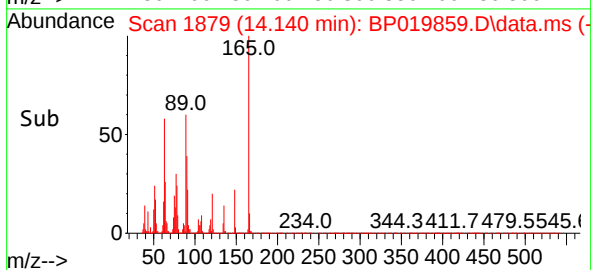
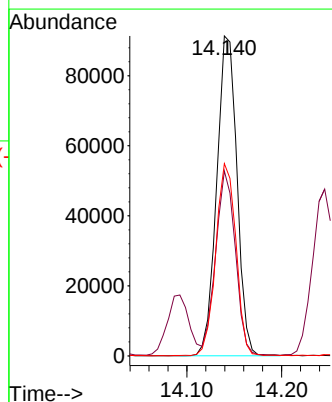
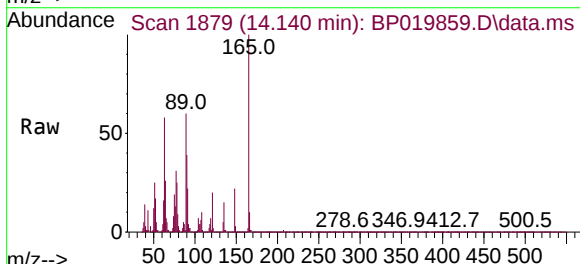
Instrument :
BNA_P
ClientSampleId :
PB159213BS

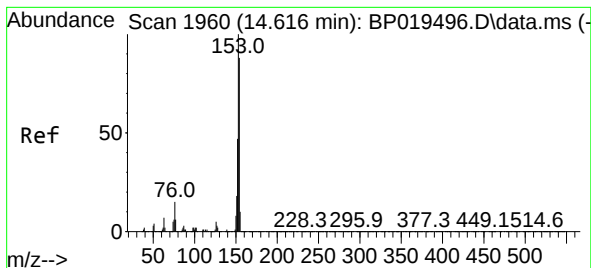
Tgt Ion:163 Resp: 613046
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 9.9 7.8 11.6



#51
2,6-Dinitrotoluene
Concen: 45.124 ng
RT: 14.140 min Scan# 1879
Delta R.T. -0.000 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

Tgt Ion:165 Resp: 135901
Ion Ratio Lower Upper
165 100
63 57.8 50.4 75.6
89 60.1 51.7 77.5





#52

Acenaphthene

Concen: 42.286 ng

RT: 14.610 min Scan# 1960

Delta R.T. -0.000 min

Lab File: BP019859.D

Acq: 24 Feb 2024 13:37

Instrument :

BNA_P

ClientSampleId :

PB159213BS

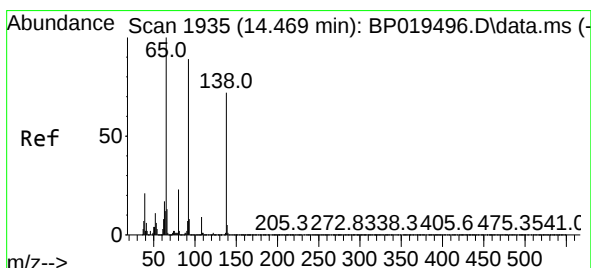
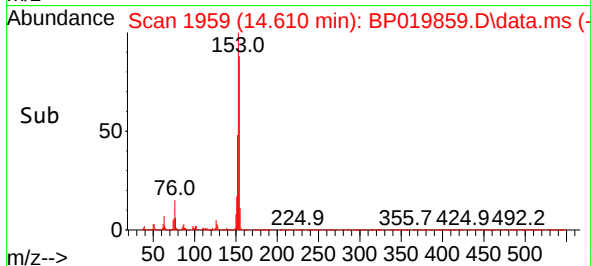
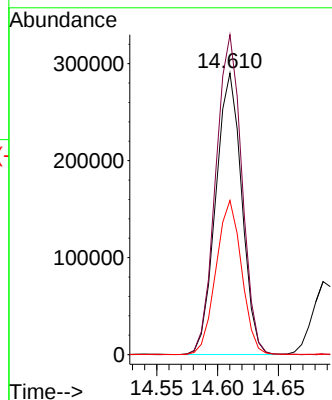
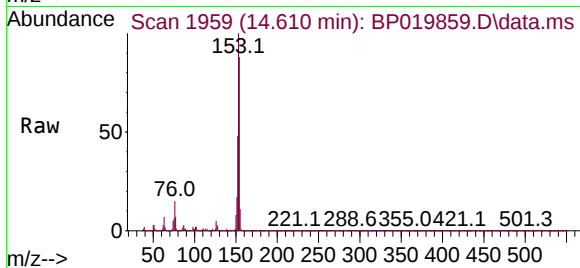
Tgt Ion:154 Resp: 431974

Ion Ratio Lower Upper

154 100

153 113.6 90.5 135.7

152 54.8 42.1 63.1



#53

3-Nitroaniline

Concen: 24.990 ng

RT: 14.469 min Scan# 1935

Delta R.T. -0.000 min

Lab File: BP019859.D

Acq: 24 Feb 2024 13:37

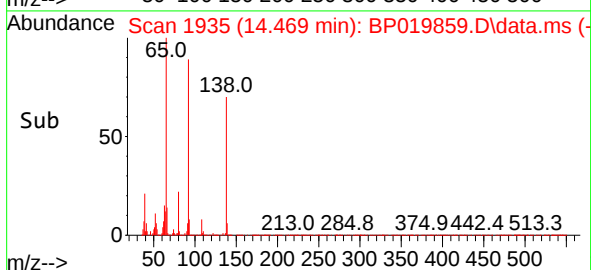
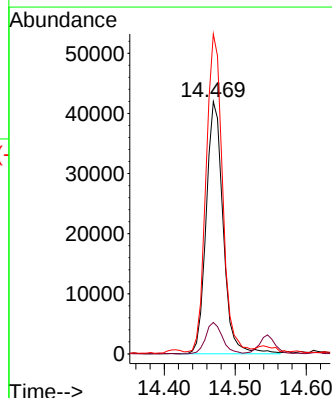
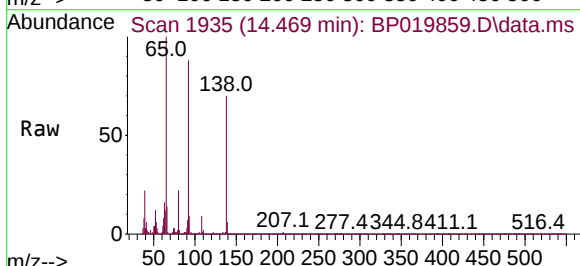
Tgt Ion:138 Resp: 69166

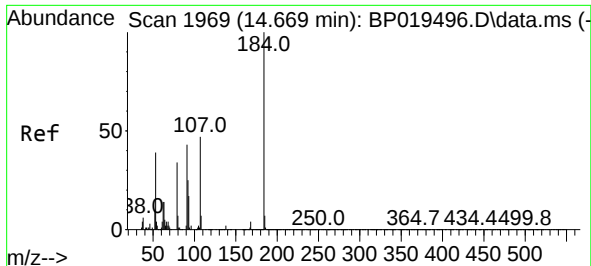
Ion Ratio Lower Upper

138 100

108 12.5 9.7 14.5

92 126.9 98.0 147.0

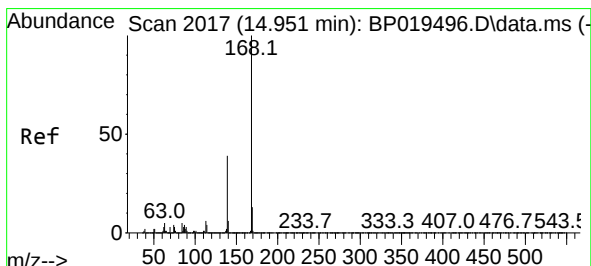
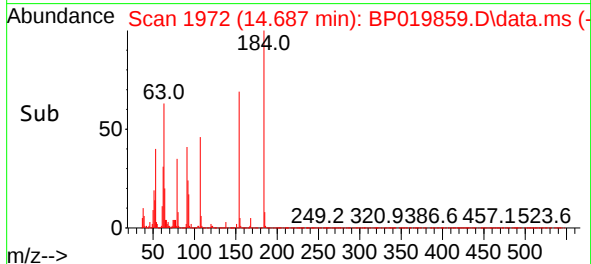
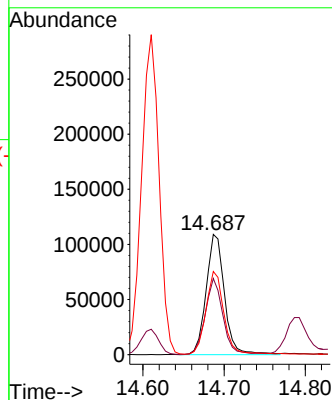
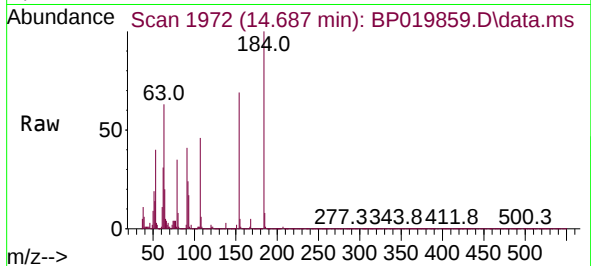




#54
2,4-Dinitrophenol
Concen: 109.538 ng
RT: 14.687 min Scan# 1969
Delta R.T. -0.000 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

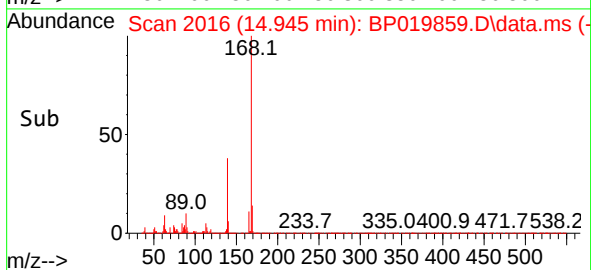
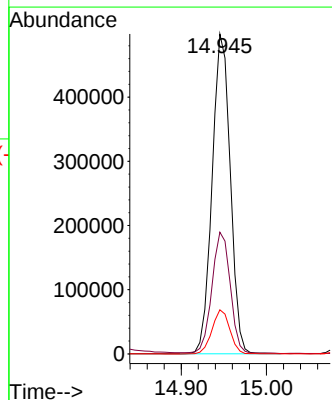
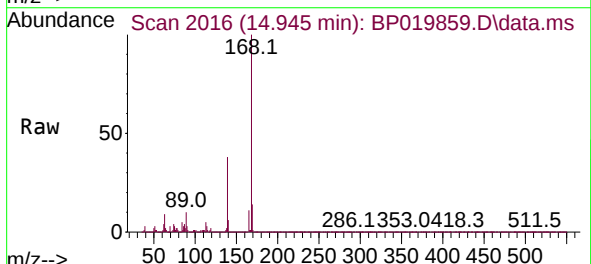
Instrument :
BNA_P
ClientSampleId :
PB159213BS

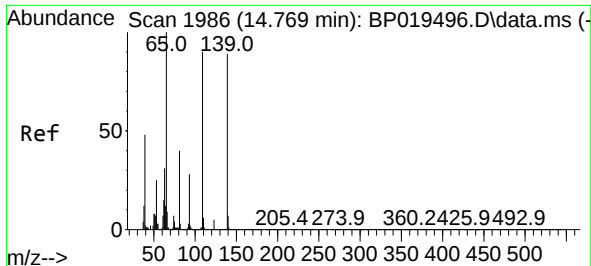
Tgt Ion:184 Resp: 171288
Ion Ratio Lower Upper
184 100
63 63.3 50.5 75.7
154 69.1 53.4 80.0



#55
Dibenzofuran
Concen: 44.327 ng
RT: 14.945 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

Tgt Ion:168 Resp: 737524
Ion Ratio Lower Upper
168 100
139 38.0 31.5 47.3
169 13.8 10.3 15.5

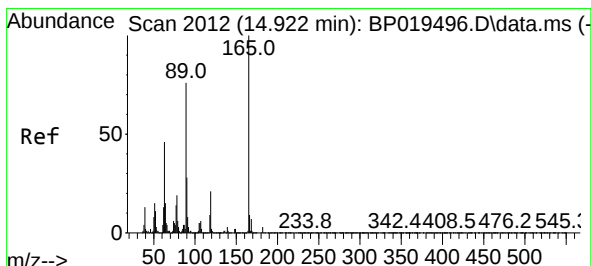
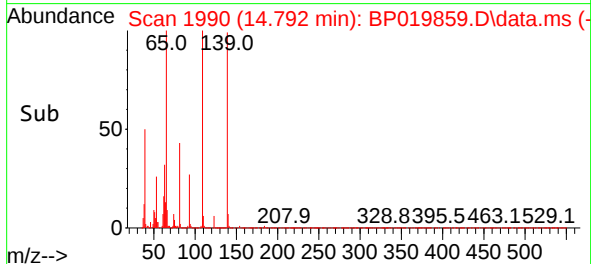
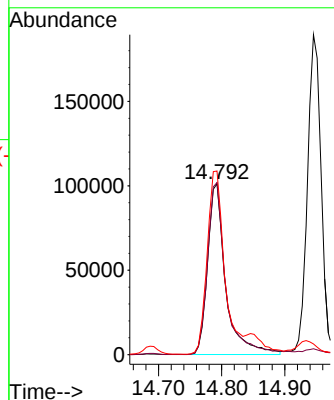
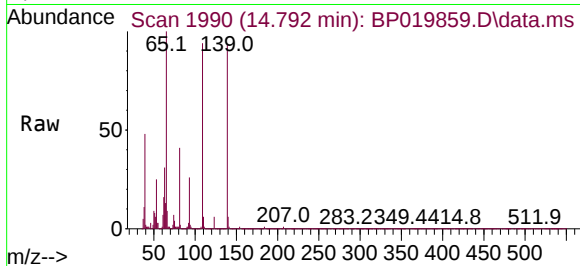




#56
4-Nitrophenol
Concen: 88.993 ng
RT: 14.792 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

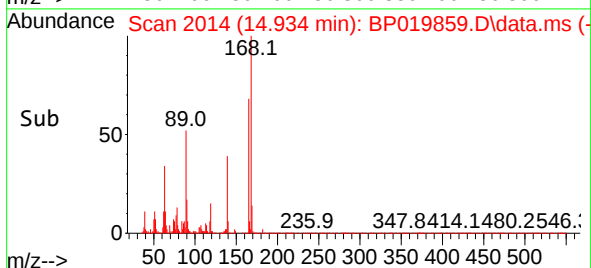
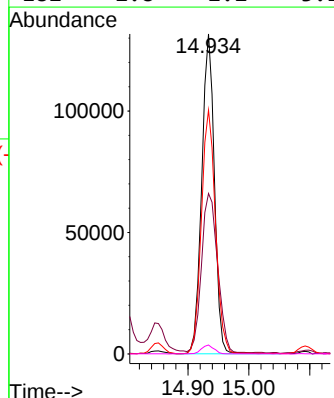
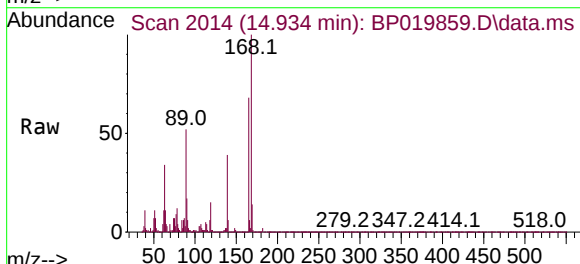
Instrument :
BNA_P
ClientSampleId :
PB159213BS

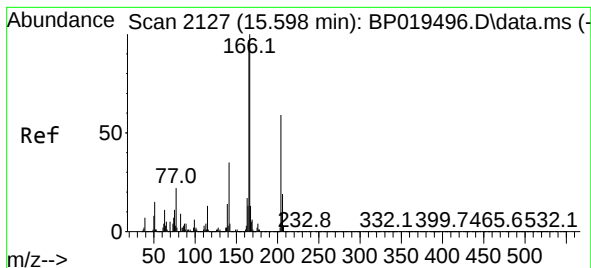
Tgt Ion:139	Resp: 201887		
Ion	Ratio	Lower	Upper
139	100		
109	100.8	82.0	122.0
65	107.5	92.9	132.9



#57
2,4-Dinitrotoluene
Concen: 48.085 ng
RT: 14.934 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

Tgt Ion:165	Resp: 189775		
Ion	Ratio	Lower	Upper
165	100		
63	50.1	36.9	55.3
89	76.2	61.1	91.7
182	2.8	2.2	3.2





#58

Fluorene

Concen: 44.983 ng

RT: 15.598 min Scan# 2127

Delta R.T. -0.006 min

Lab File: BP019859.D

Acq: 24 Feb 2024 13:37

Instrument :

BNA_P

ClientSampleId :

PB159213BS

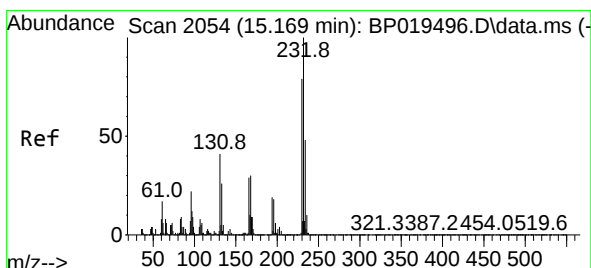
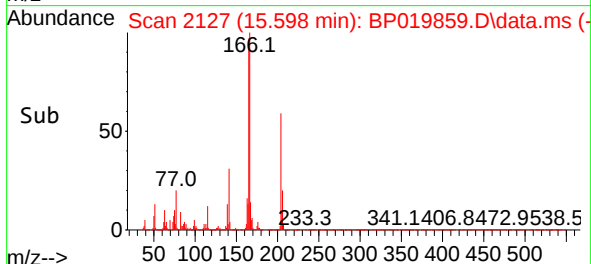
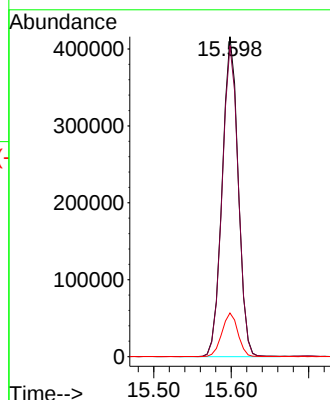
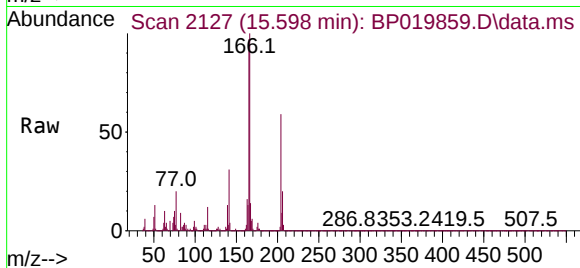
Tgt Ion:166 Resp: 596106

Ion Ratio Lower Upper

166 100

165 97.2 77.8 116.8

167 13.6 10.7 16.1



#59

2,3,4,6-Tetrachlorophenol

Concen: 51.881 ng

RT: 15.175 min Scan# 2055

Delta R.T. -0.000 min

Lab File: BP019859.D

Acq: 24 Feb 2024 13:37

Tgt Ion:232 Resp: 200381

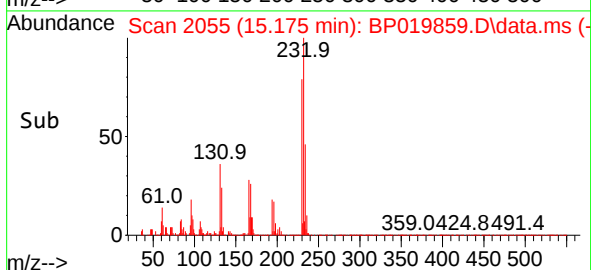
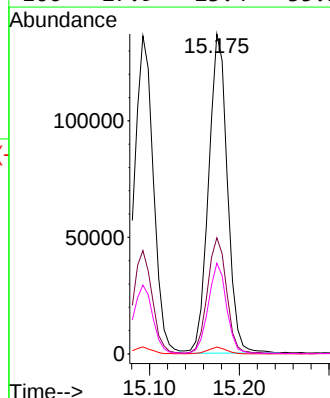
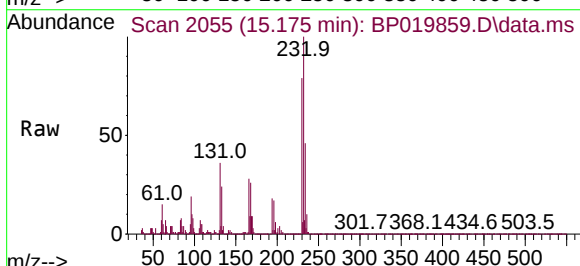
Ion Ratio Lower Upper

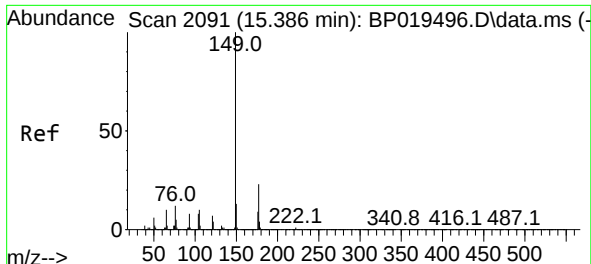
232 100

131 36.7 32.4 48.6

130 2.1 1.9 2.9

166 27.9 23.4 35.2

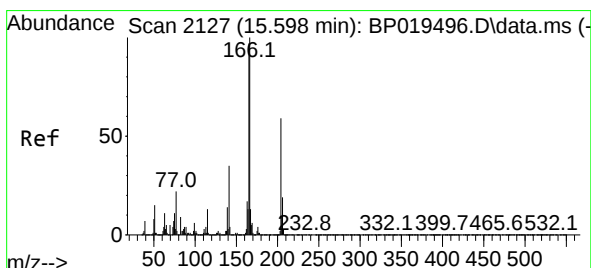
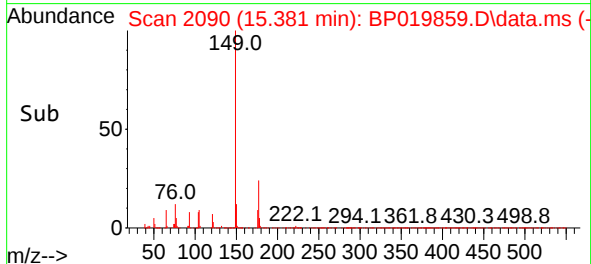
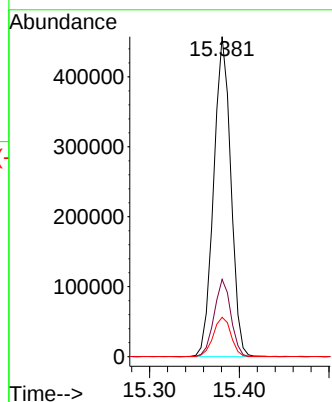
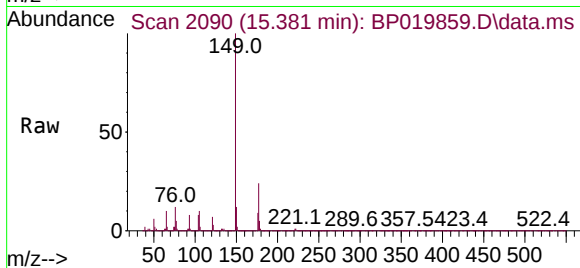




#60
Diethylphthalate
Concen: 44.512 ng
RT: 15.381 min Scan# 2091
Delta R.T. -0.000 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

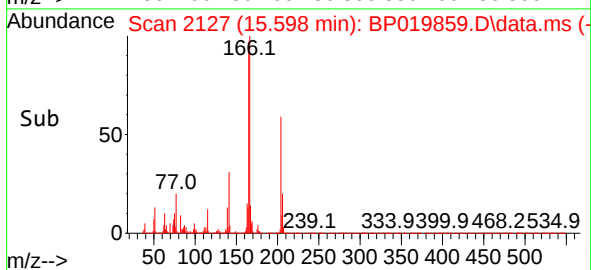
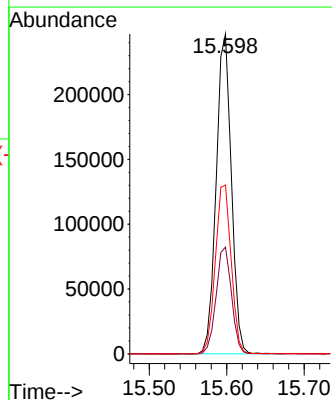
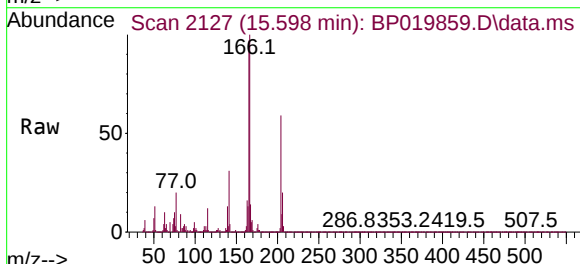
Instrument :
BNA_P
ClientSampleId :
PB159213BS

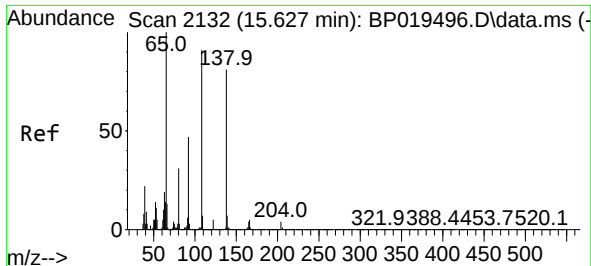
Tgt Ion:149 Resp: 606903
Ion Ratio Lower Upper
149 100
177 24.1 18.2 27.2
150 12.3 10.2 15.4



#61
4-Chlorophenyl-phenylether
Concen: 45.101 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

Tgt Ion:204 Resp: 335925
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 52.8 48.5 72.7

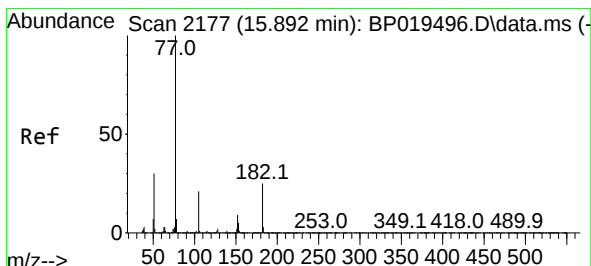
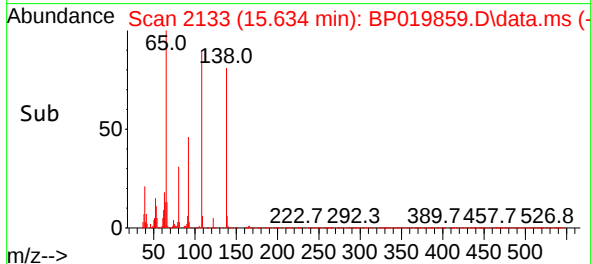
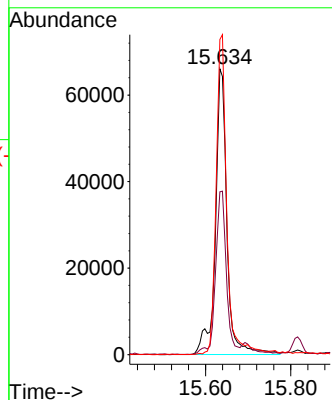
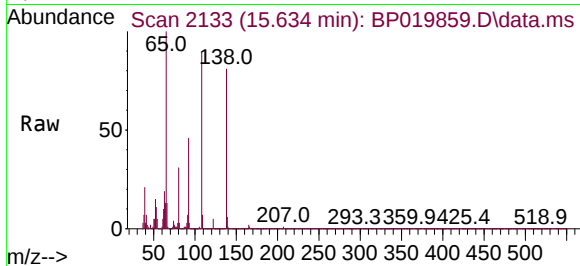




#62
4-Nitroaniline
Concen: 42.761 ng
RT: 15.634 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

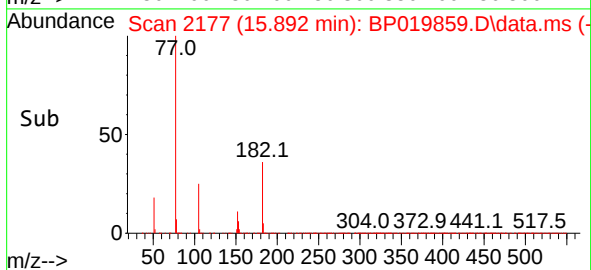
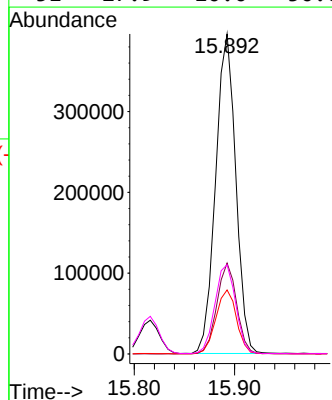
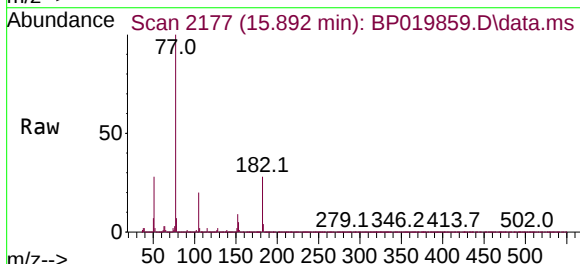
Instrument :
BNA_P
ClientSampleId :
PB159213BS

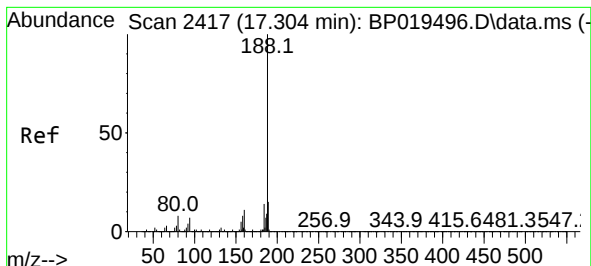
Tgt Ion:138 Resp: 124055
Ion Ratio Lower Upper
138 100
92 57.0 38.3 78.3
108 110.3 91.2 131.2



#63
Azobenzene
Concen: 41.932 ng
RT: 15.892 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

Tgt Ion: 77 Resp: 552872
Ion Ratio Lower Upper
77 100
182 28.4 5.1 45.1
105 20.0 0.8 40.8
51 27.9 10.0 50.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.310 min Scan# 2417

Delta R.T. -0.000 min

Lab File: BP019859.D

Acq: 24 Feb 2024 13:37

Instrument :

BNA_P

ClientSampleId :

PB159213BS

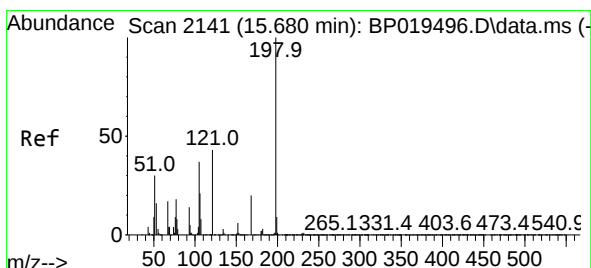
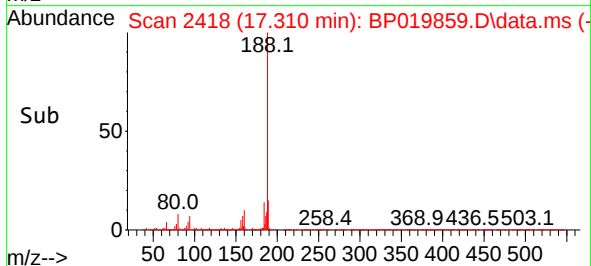
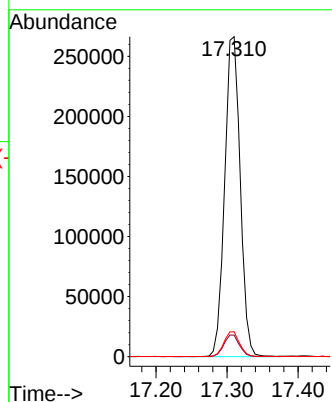
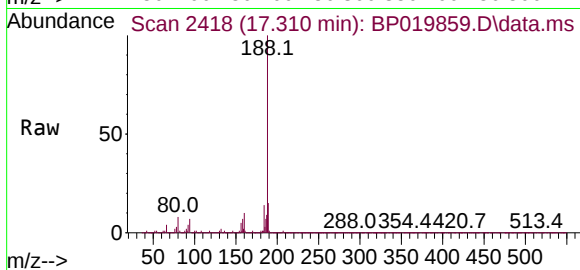
Tgt Ion:188 Resp: 405459

Ion Ratio Lower Upper

188 100

94 6.7 5.4 8.2

80 7.8 6.3 9.5



#65

4,6-Dinitro-2-methylphenol

Concen: 47.701 ng

RT: 15.698 min Scan# 2144

Delta R.T. -0.000 min

Lab File: BP019859.D

Acq: 24 Feb 2024 13:37

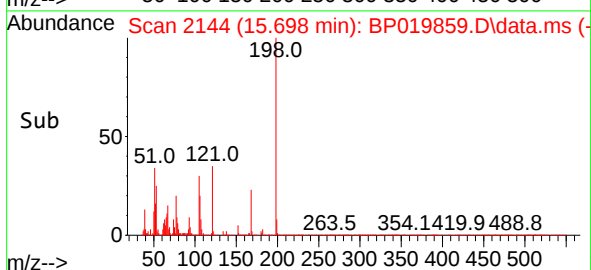
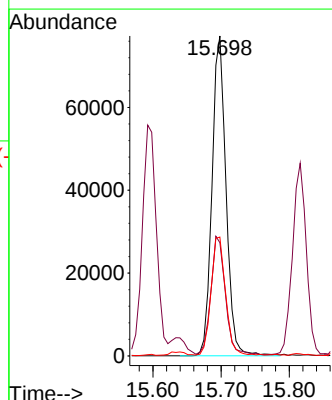
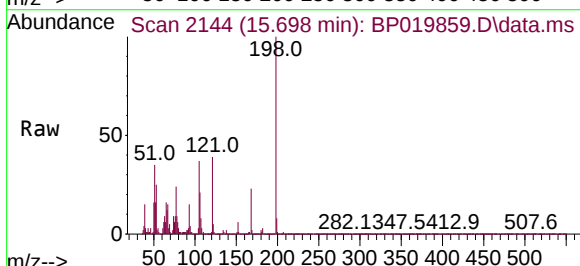
Tgt Ion:198 Resp: 110282

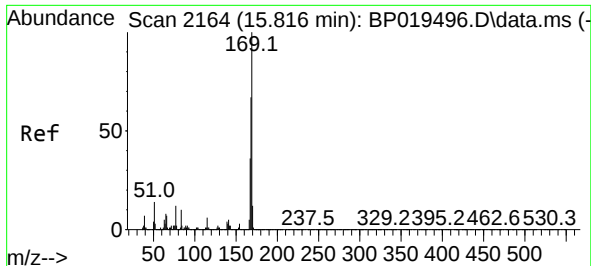
Ion Ratio Lower Upper

198 100

51 35.4 21.2 61.2

105 37.1 19.1 59.1

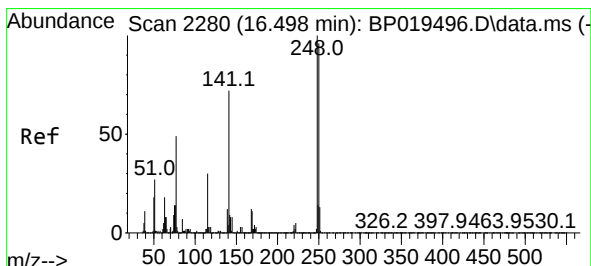
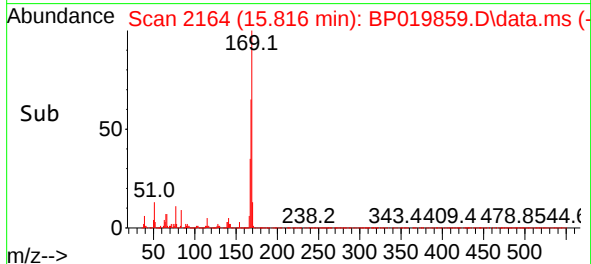
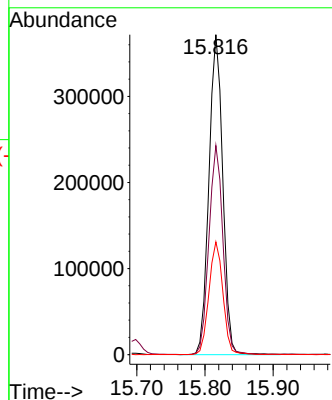
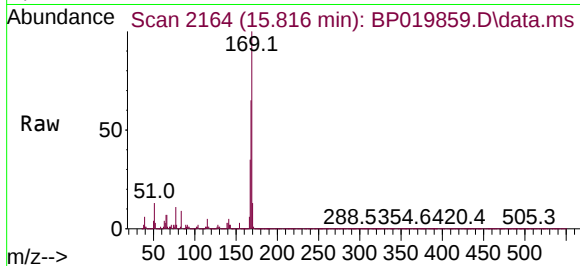




#66
n-Nitrosodiphenylamine
Concen: 43.116 ng
RT: 15.816 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

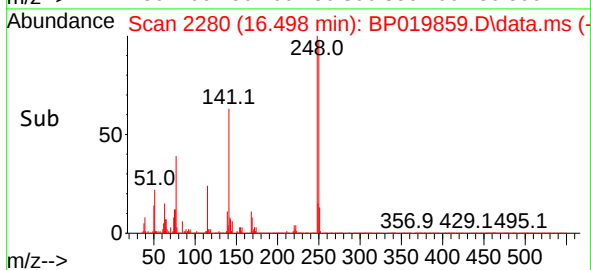
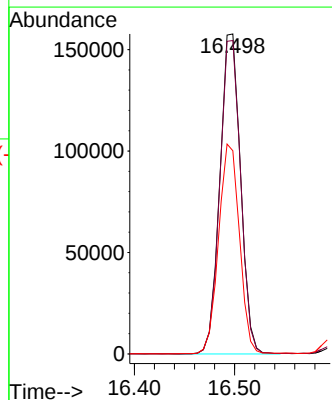
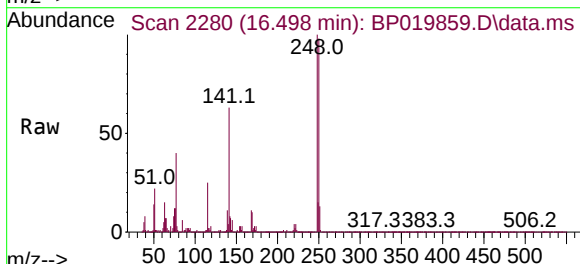
Instrument :
BNA_P
ClientSampleId :
PB159213BS

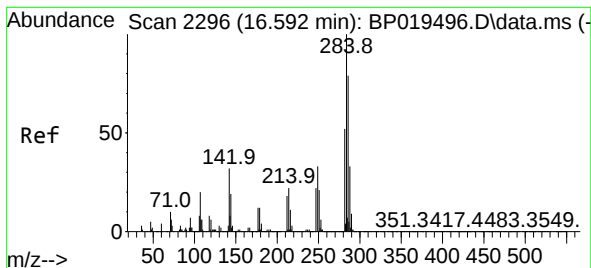
Tgt Ion:169 Resp: 523555
Ion Ratio Lower Upper
169 100
168 65.3 53.4 80.2
167 35.2 28.9 43.3



#67
4-Bromophenyl-phenylether
Concen: 44.722 ng
RT: 16.498 min Scan# 2280
Delta R.T. -0.000 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

Tgt Ion:248 Resp: 226682
Ion Ratio Lower Upper
248 100
250 97.9 76.9 115.3
141 63.5 58.0 87.0





#68

Hexachlorobenzene

Concen: 44.757 ng

RT: 16.598 min Scan# 2296

Delta R.T. -0.006 min

Lab File: BP019859.D

Acq: 24 Feb 2024 13:37

Instrument :

BNA_P

ClientSampleId :

PB159213BS

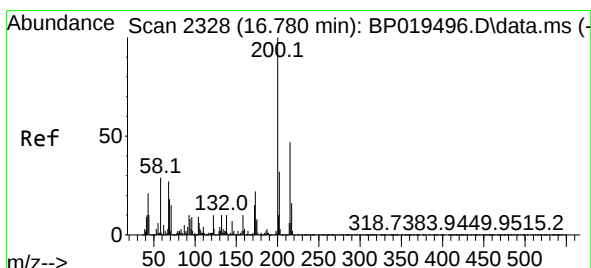
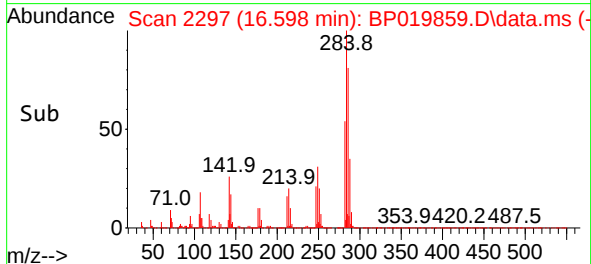
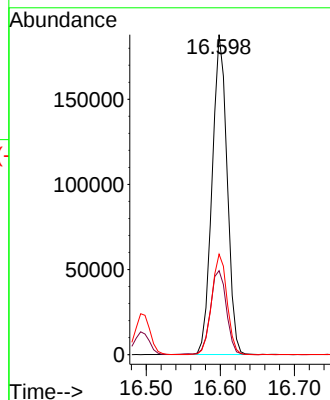
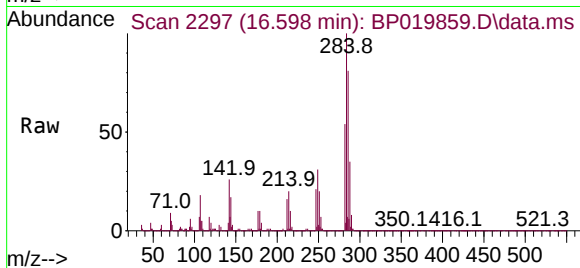
Tgt Ion:284 Resp: 264924

Ion Ratio Lower Upper

284 100

142 26.2 25.4 38.2

249 31.4 26.5 39.7



#69

Atrazine

Concen: 54.065 ng

RT: 16.781 min Scan# 2328

Delta R.T. -0.006 min

Lab File: BP019859.D

Acq: 24 Feb 2024 13:37

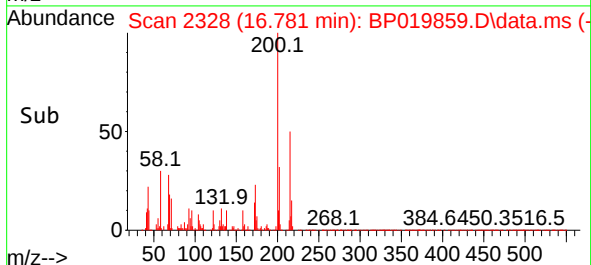
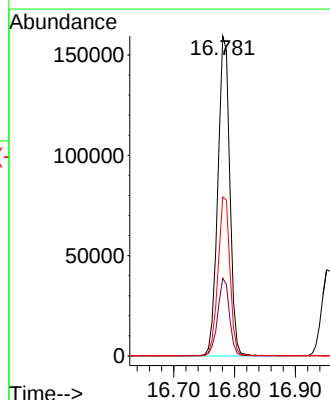
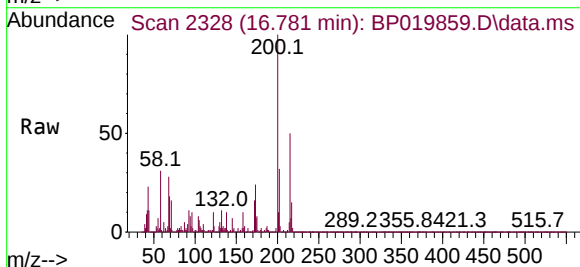
Tgt Ion:200 Resp: 217855

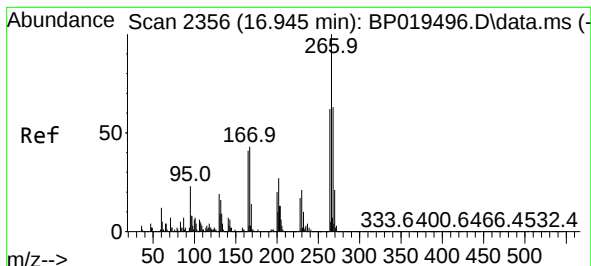
Ion Ratio Lower Upper

200 100

173 24.3 1.7 41.7

215 49.6 26.9 66.9





#70

Pentachlorophenol

Concen: 98.118 ng

RT: 16.957 min Scan# 2356

Delta R.T. -0.000 min

Lab File: BP019859.D

Acq: 24 Feb 2024 13:37

Instrument :

BNA_P

ClientSampleId :

PB159213BS

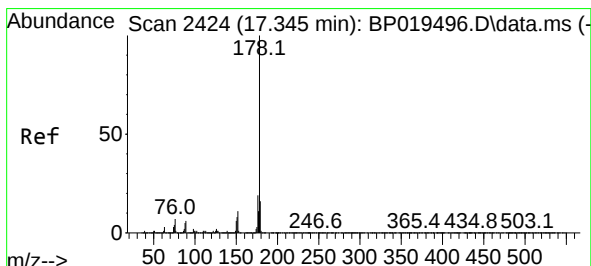
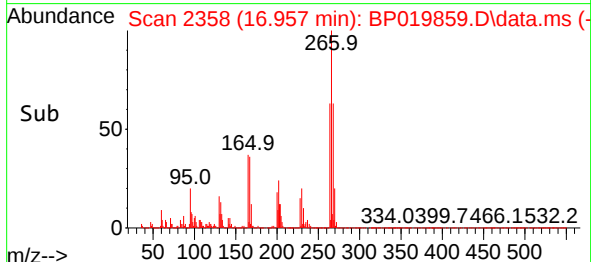
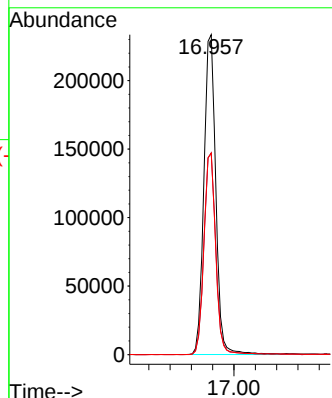
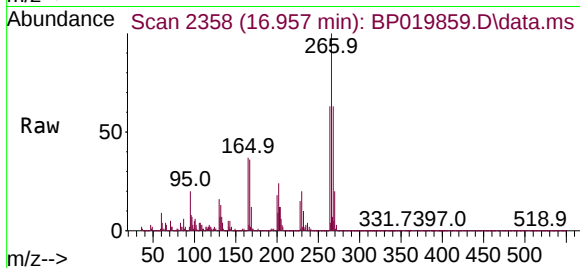
Tgt Ion:266 Resp: 361674

Ion Ratio Lower Upper

266 100

268 63.0 50.3 75.5

264 63.0 49.7 74.5



#71

Phenanthrene

Concen: 44.341 ng

RT: 17.351 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BP019859.D

Acq: 24 Feb 2024 13:37

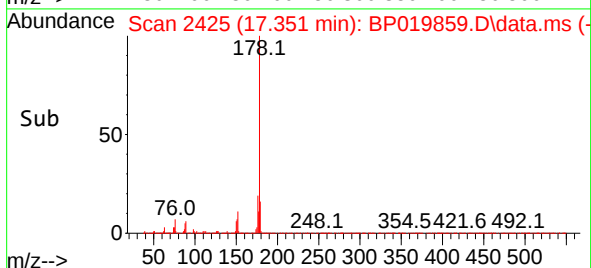
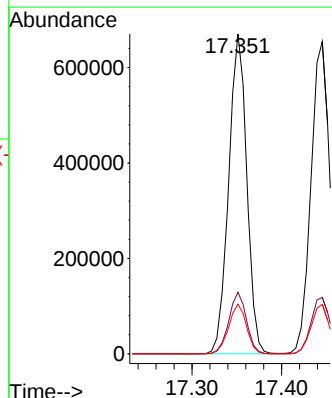
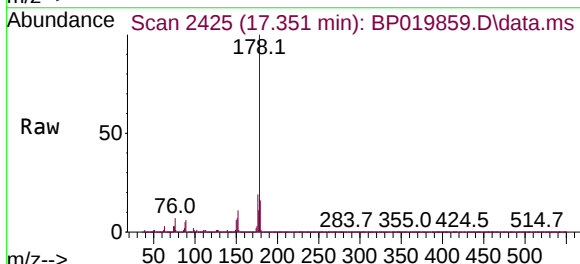
Tgt Ion:178 Resp: 946145

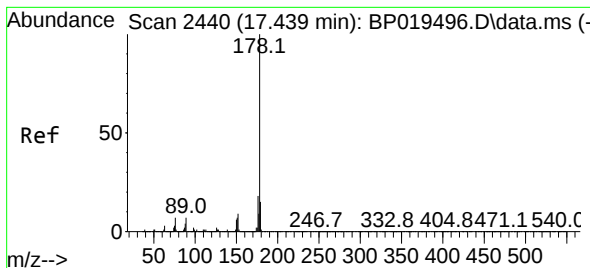
Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

179 15.5 12.6 19.0





#72

Anthracene

Concen: 44.462 ng

RT: 17.445 min Scan# 2440

Delta R.T. -0.006 min

Lab File: BP019859.D

Acq: 24 Feb 2024 13:37

Instrument :

BNA_P

ClientSampleId :

PB159213BS

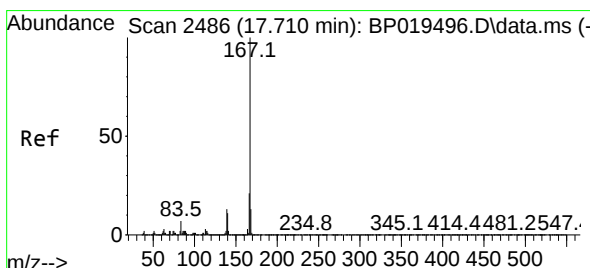
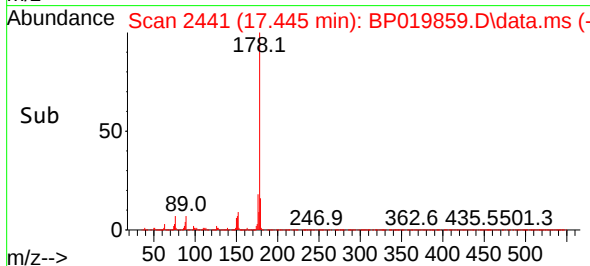
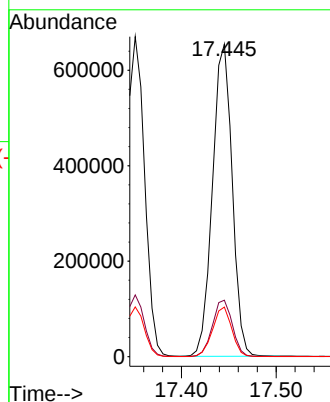
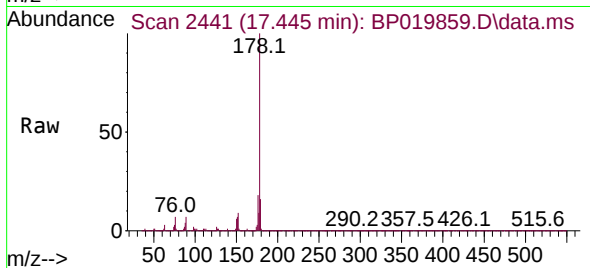
Tgt Ion:178 Resp: 946406

Ion Ratio Lower Upper

178 100

176 18.0 14.7 22.1

179 15.9 12.2 18.2



#73

Carbazole

Concen: 43.025 ng

RT: 17.722 min Scan# 2488

Delta R.T. -0.006 min

Lab File: BP019859.D

Acq: 24 Feb 2024 13:37

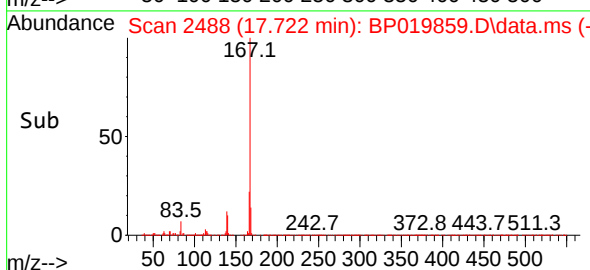
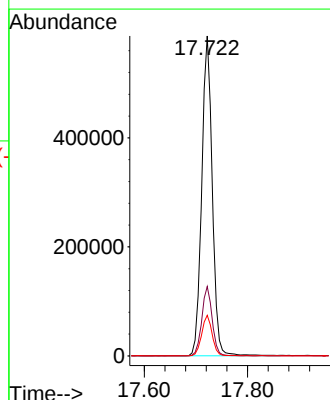
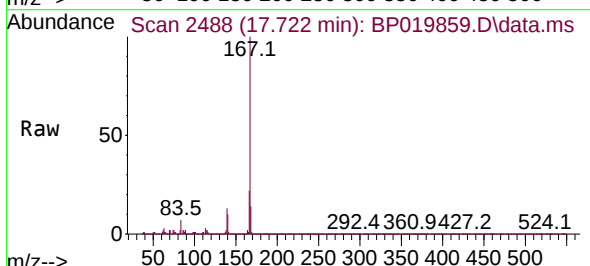
Tgt Ion:167 Resp: 831970

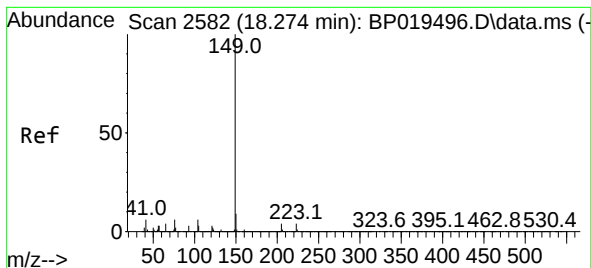
Ion Ratio Lower Upper

167 100

166 21.7 17.2 25.8

139 12.7 10.6 15.8





#74

Di-n-butylphthalate

Concen: 43.473 ng

RT: 18.275 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019859.D

Acq: 24 Feb 2024 13:37

Instrument :

BNA_P

ClientSampleId :

PB159213BS

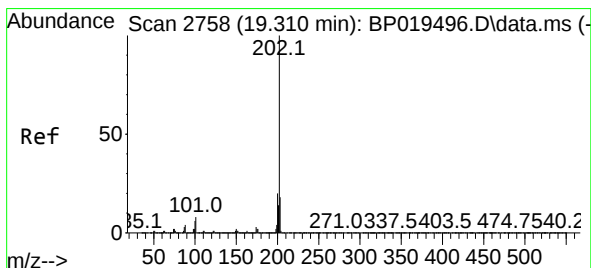
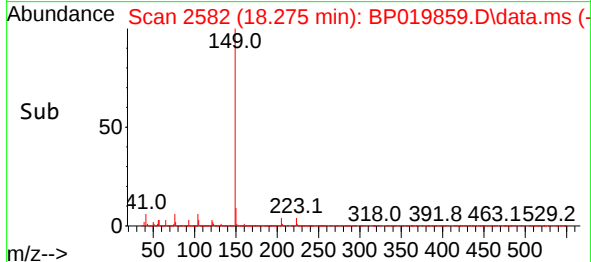
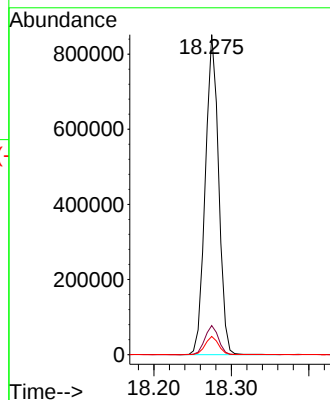
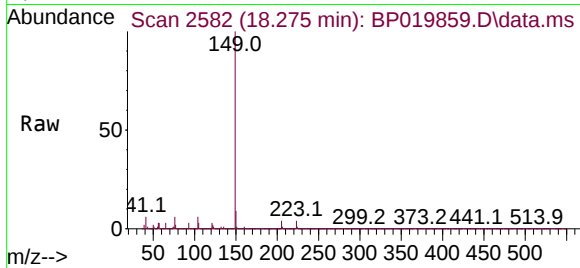
Tgt Ion:149 Resp: 1016431

Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 5.7 4.8 7.2



#75

Fluoranthene

Concen: 44.127 ng

RT: 19.322 min Scan# 2760

Delta R.T. -0.012 min

Lab File: BP019859.D

Acq: 24 Feb 2024 13:37

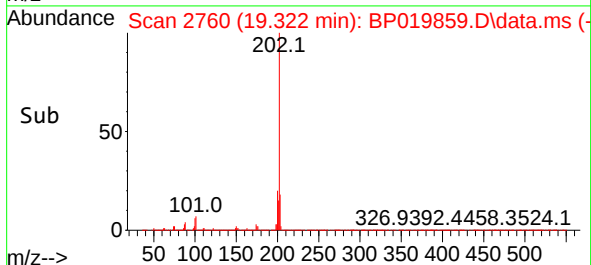
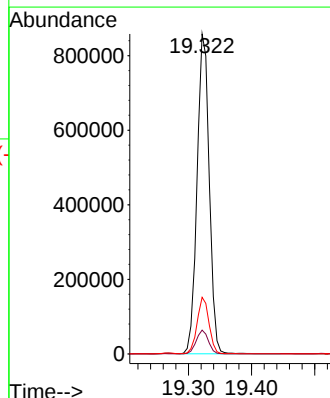
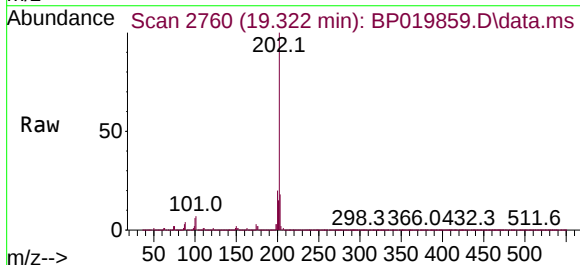
Tgt Ion:202 Resp: 1150240

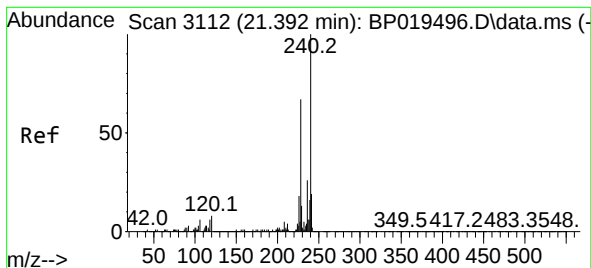
Ion Ratio Lower Upper

202 100

101 7.4 0.0 27.7

203 17.7 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.416 min Scan# 3112

Delta R.T. -0.012 min

Lab File: BP019859.D

Acq: 24 Feb 2024 13:37

Instrument :

BNA_P

ClientSampleId :

PB159213BS

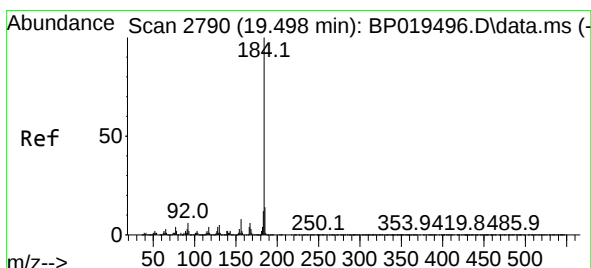
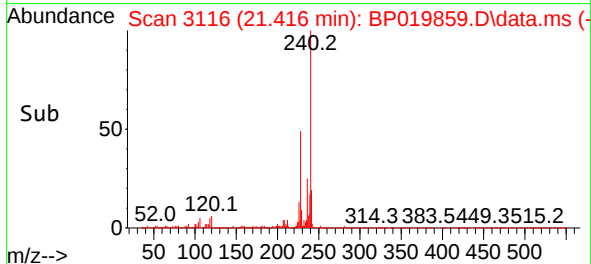
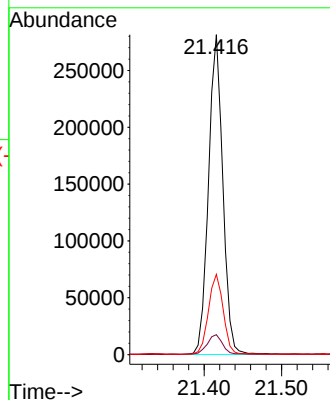
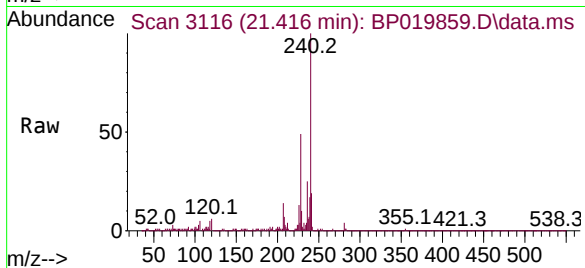
Tgt Ion:240 Resp: 361184

Ion Ratio Lower Upper

240 100

120 6.2 6.1 9.1

236 25.1 20.7 31.1



#77

Benzidine

Concen: 32.808 ng

RT: 19.516 min Scan# 2793

Delta R.T. -0.006 min

Lab File: BP019859.D

Acq: 24 Feb 2024 13:37

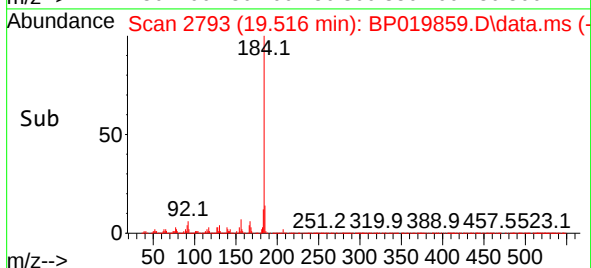
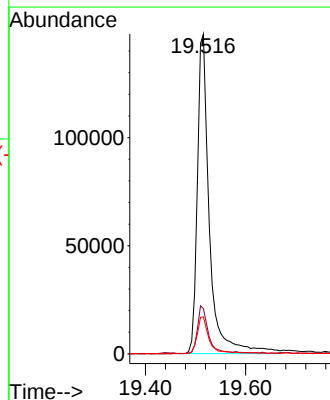
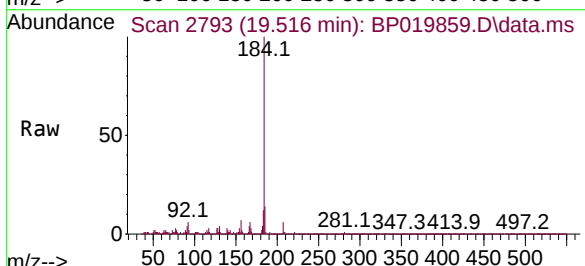
Tgt Ion:184 Resp: 247742

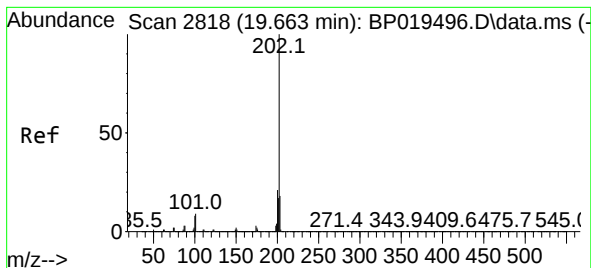
Ion Ratio Lower Upper

184 100

185 14.1 11.1 16.7

183 11.6 9.7 14.5





#78

Pyrene

Concen: 46.088 ng

RT: 19.680 min Scan# 2818

Delta R.T. -0.006 min

Lab File: BP019859.D

Acq: 24 Feb 2024 13:37

Instrument :

BNA_P

ClientSampleId :

PB159213BS

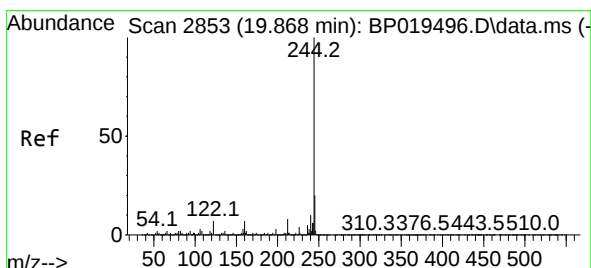
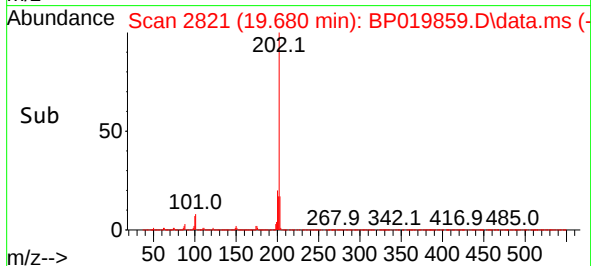
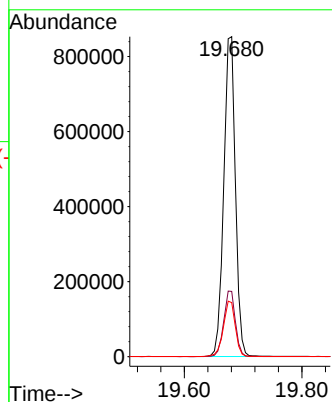
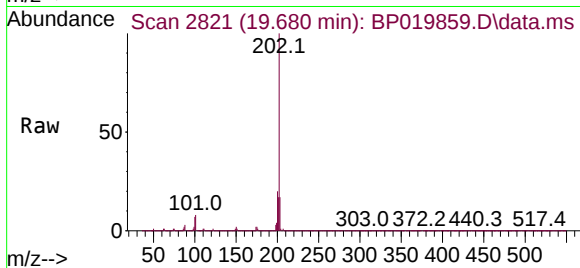
Tgt Ion:202 Resp: 1174832

Ion Ratio Lower Upper

202 100

200 20.4 16.9 25.3

203 16.9 14.2 21.2



#79

Terphenyl-d14

Concen: 95.740 ng

RT: 19.880 min Scan# 2855

Delta R.T. -0.012 min

Lab File: BP019859.D

Acq: 24 Feb 2024 13:37

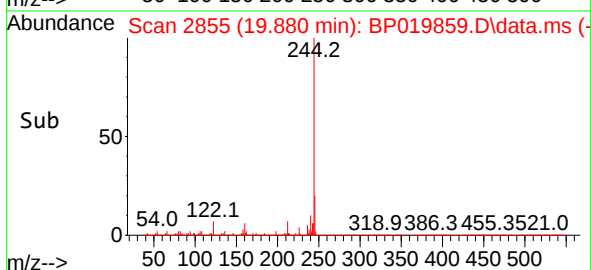
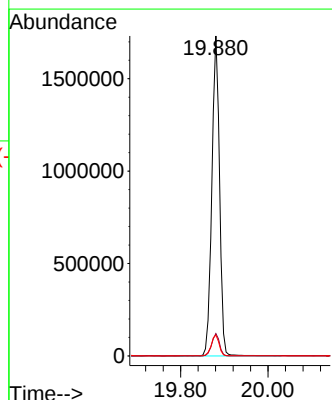
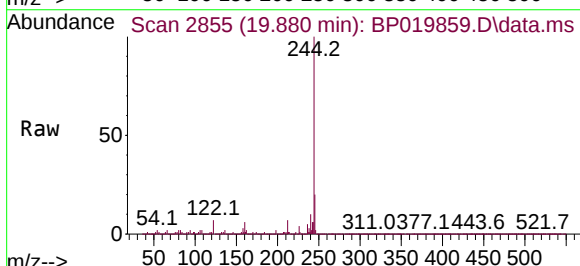
Tgt Ion:244 Resp: 2102690

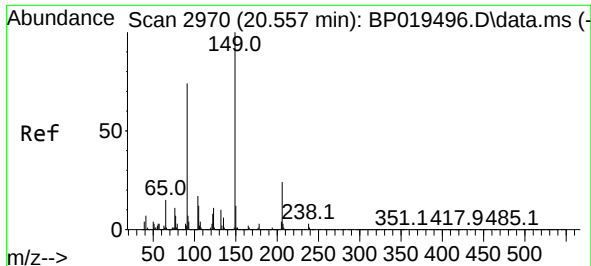
Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

122 6.5 5.9 8.9

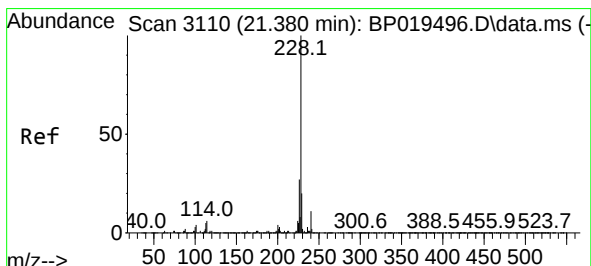
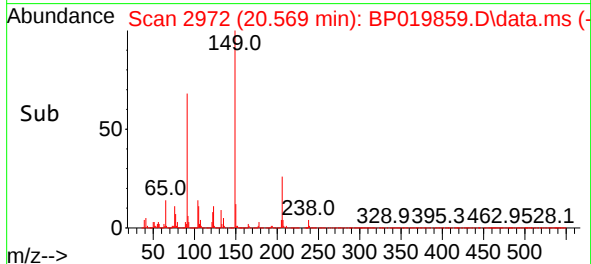
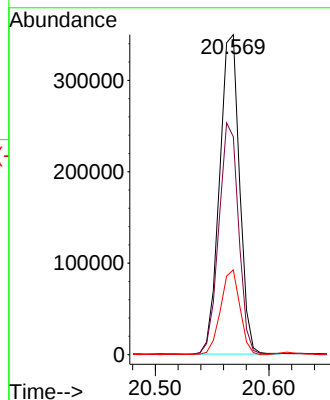
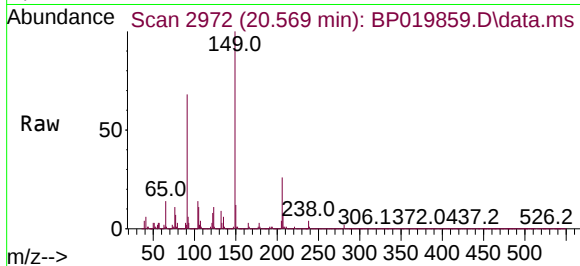




#80
Butylbenzylphthalate
Concen: 44.794 ng
RT: 20.569 min Scan# 2970
Delta R.T. -0.006 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

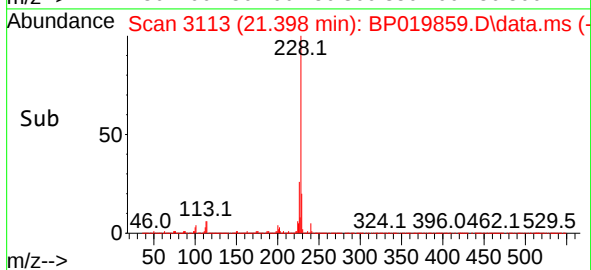
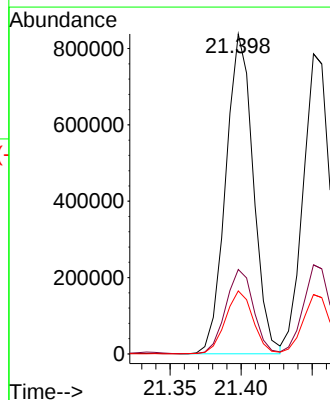
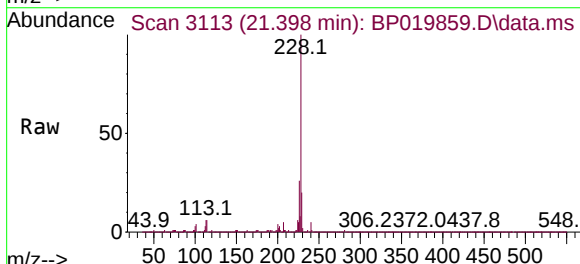
Instrument :
BNA_P
ClientSampleId :
PB159213BS

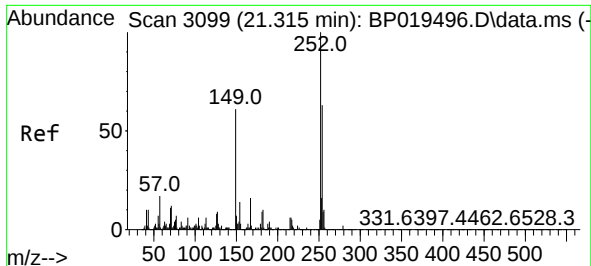
Tgt Ion:149 Resp: 426411
Ion Ratio Lower Upper
149 100
91 68.1 59.4 89.0
206 26.5 19.0 28.6



#81
Benzo(a)anthracene
Concen: 44.478 ng
RT: 21.398 min Scan# 3113
Delta R.T. -0.012 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

Tgt Ion:228 Resp: 1130834
Ion Ratio Lower Upper
228 100
226 26.4 21.7 32.5
229 19.7 15.6 23.4

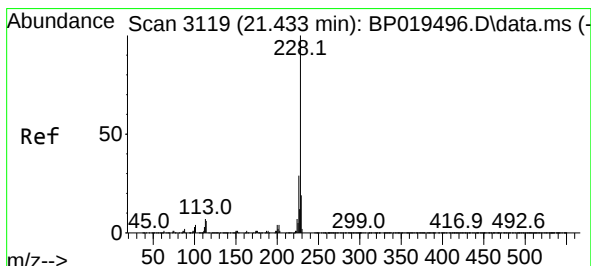
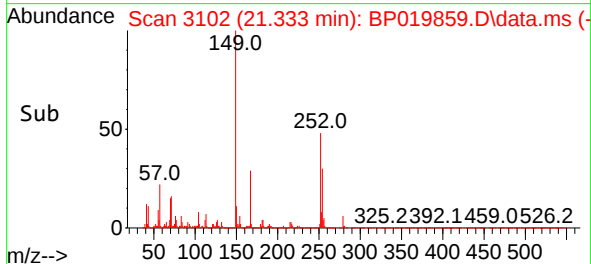
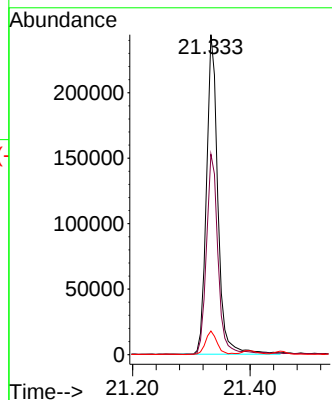
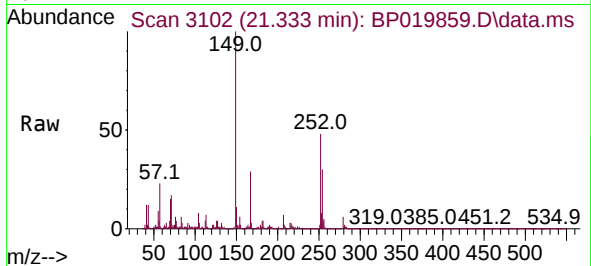




#82
3,3'-Dichlorobenzidine
Concen: 35.532 ng
RT: 21.333 min Scan# 3102
Delta R.T. -0.012 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

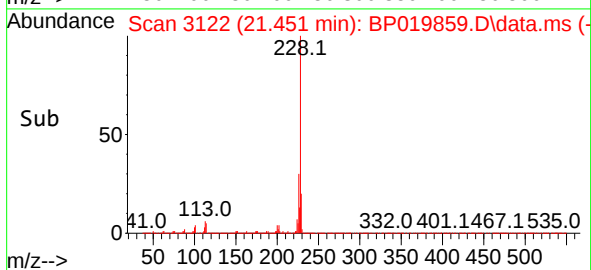
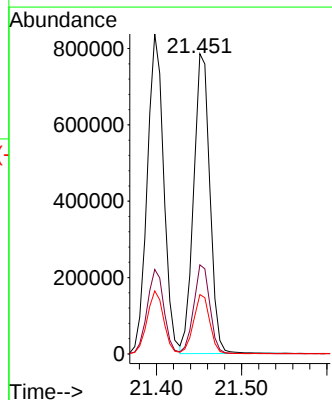
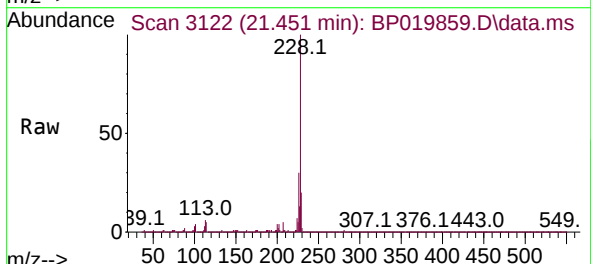
Instrument :
BNA_P
ClientSampleId :
PB159213BS

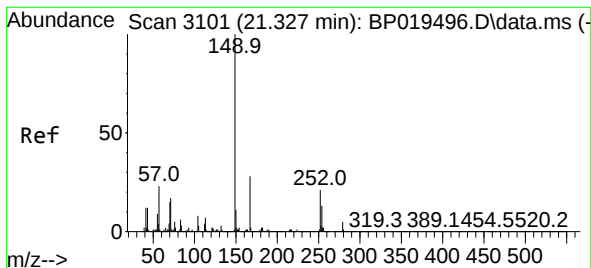
Tgt Ion:252 Resp: 329191
Ion Ratio Lower Upper
252 100
254 62.6 50.7 76.1
126 7.4 6.4 9.6



#83
Chrysene
Concen: 43.063 ng
RT: 21.451 min Scan# 3122
Delta R.T. -0.018 min
Lab File: BP019859.D
Acq: 24 Feb 2024 13:37

Tgt Ion:228 Resp: 1039462
Ion Ratio Lower Upper
228 100
226 29.7 23.4 35.2
229 19.8 15.6 23.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 41.590 ng

RT: 21.333 min Scan# 3101

Delta R.T. -0.012 min

Lab File: BP019859.D

Acq: 24 Feb 2024 13:37

Instrument :

BNA_P

ClientSampleId :

PB159213BS

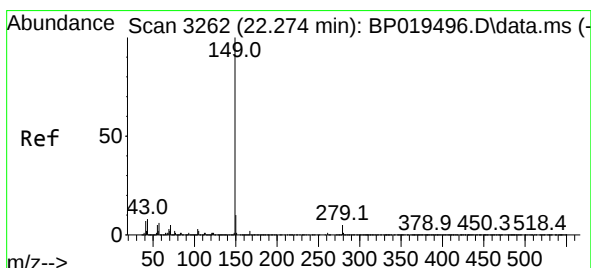
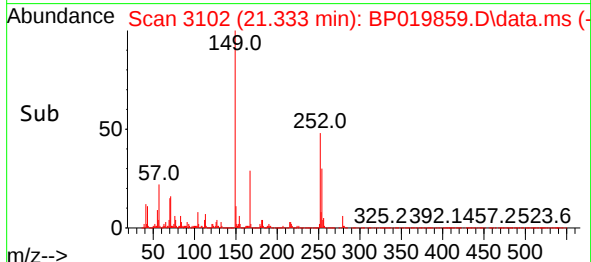
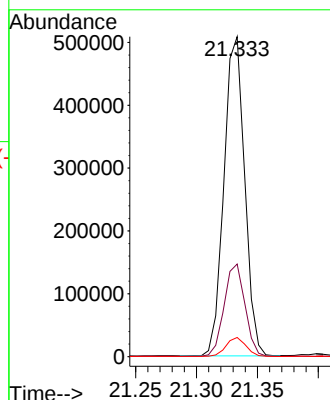
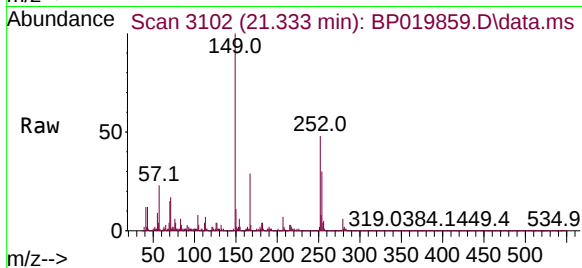
Tgt Ion:149 Resp: 602883

Ion Ratio Lower Upper

149 100

167 28.9 22.7 34.1

279 6.0 4.2 6.2



#85

Di-n-octyl phthalate

Concen: 40.538 ng

RT: 22.274 min Scan# 3262

Delta R.T. -0.018 min

Lab File: BP019859.D

Acq: 24 Feb 2024 13:37

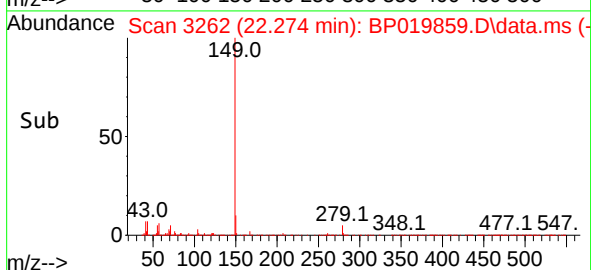
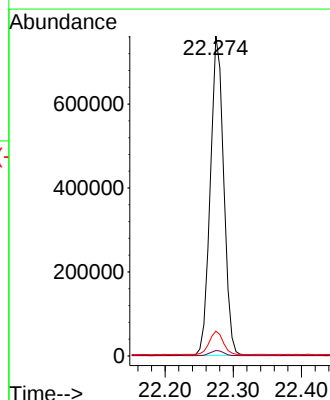
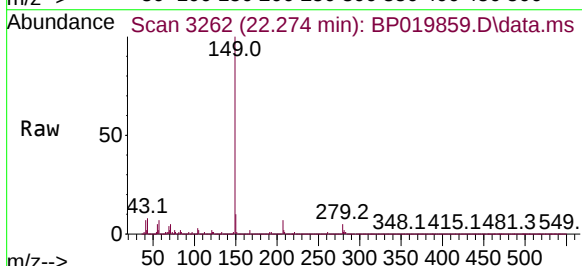
Tgt Ion:149 Resp: 1033898

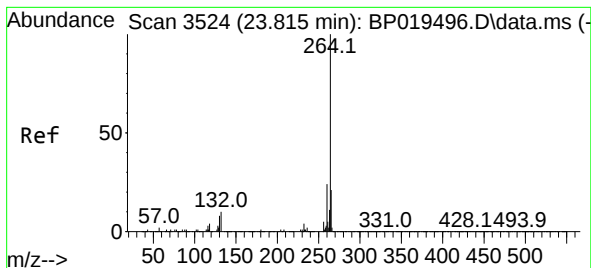
Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 7.6 6.3 9.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.851 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP019859.D

Acq: 24 Feb 2024 13:37

Instrument :

BNA_P

ClientSampleId :

PB159213BS

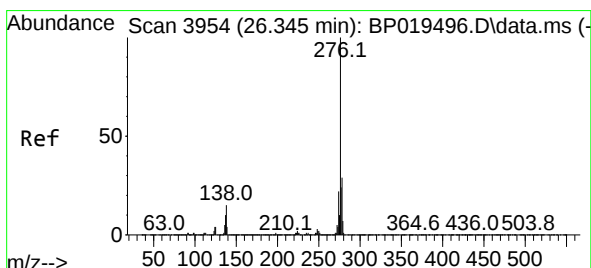
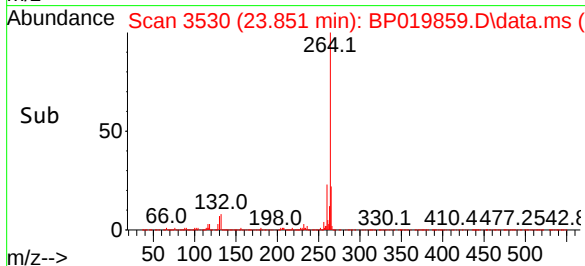
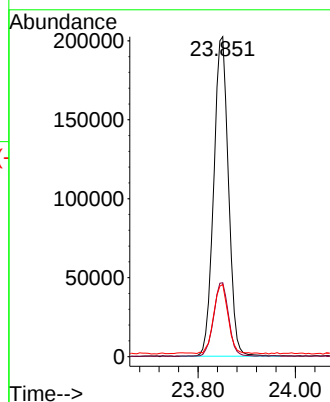
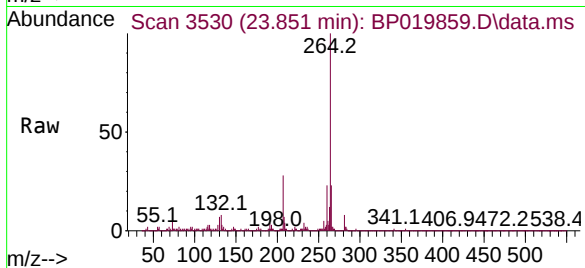
Tgt Ion:264 Resp: 425520

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 22.5 17.0 25.4



#87

Indeno(1,2,3-cd)pyrene

Concen: 47.603 ng

RT: 26.410 min Scan# 3965

Delta R.T. -0.024 min

Lab File: BP019859.D

Acq: 24 Feb 2024 13:37

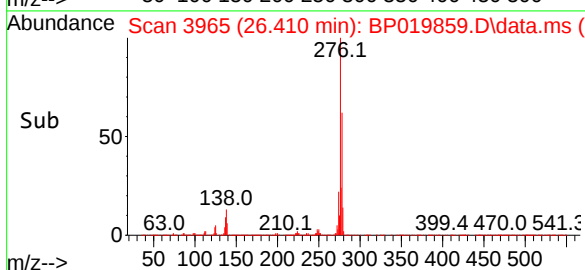
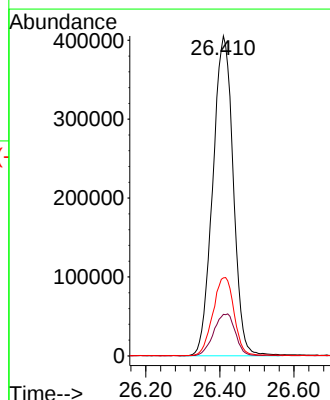
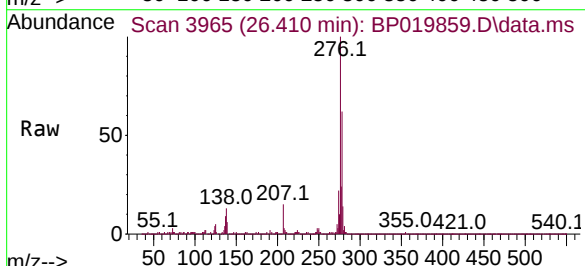
Tgt Ion:276 Resp: 1550525

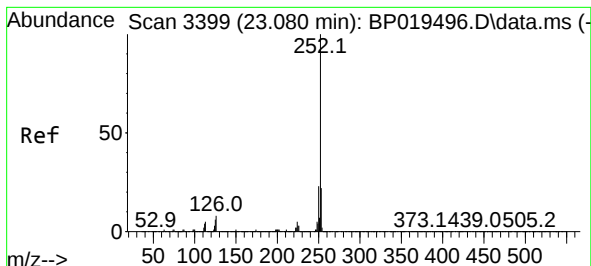
Ion Ratio Lower Upper

276 100

138 13.8 13.1 19.7

277 25.2 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 44.978 ng

RT: 23.110 min Scan# 3411

Delta R.T. -0.018 min

Lab File: BP019859.D

Acq: 24 Feb 2024 13:37

Instrument :

BNA_P

ClientSampleId :

PB159213BS

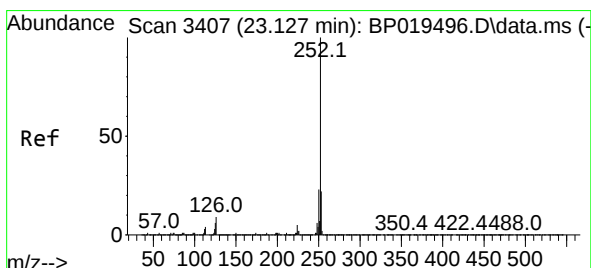
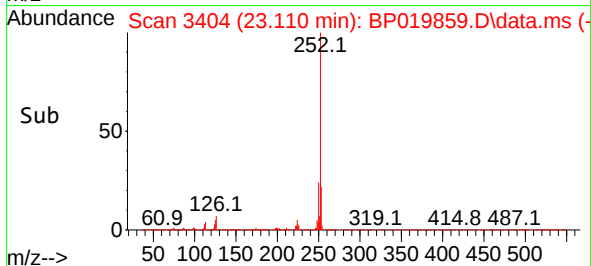
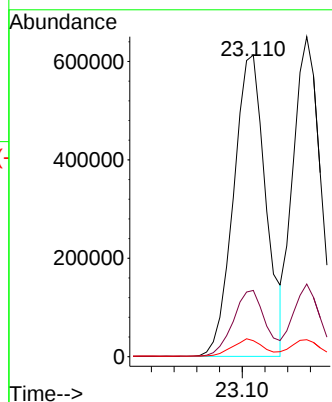
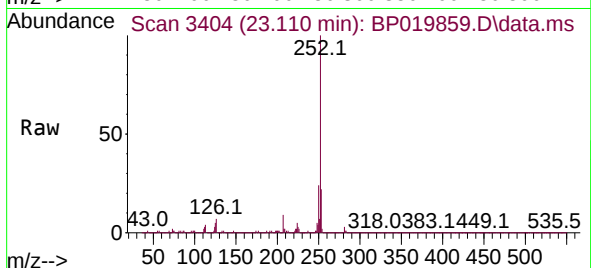
Tgt Ion:252 Resp: 1206251

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 5.3 4.9 7.3



#89

Benzo(k)fluoranthene

Concen: 42.668 ng

RT: 23.157 min Scan# 3412

Delta R.T. -0.018 min

Lab File: BP019859.D

Acq: 24 Feb 2024 13:37

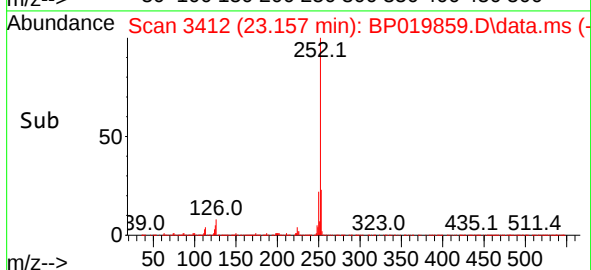
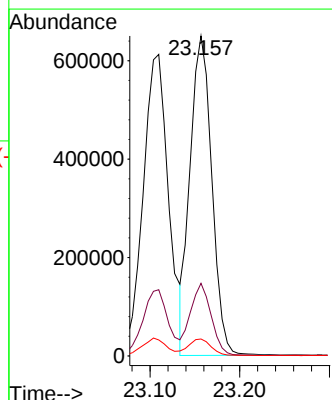
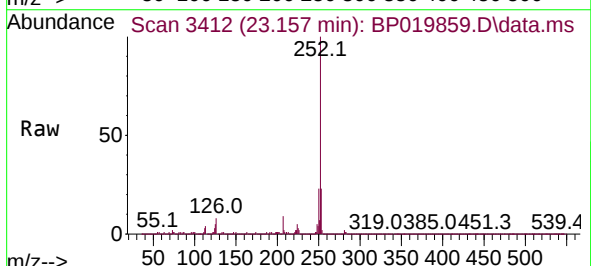
Tgt Ion:252 Resp: 1093064

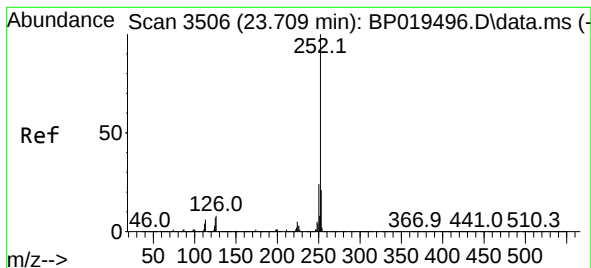
Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

125 5.3 5.0 7.6





#90

Benzo(a)pyrene

Concen: 44.786 ng

RT: 23.745 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP019859.D

Acq: 24 Feb 2024 13:37

Instrument :

BNA_P

ClientSampleId :

PB159213BS

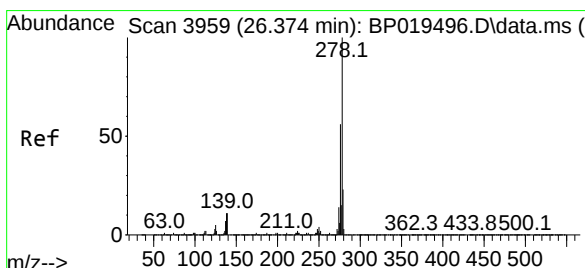
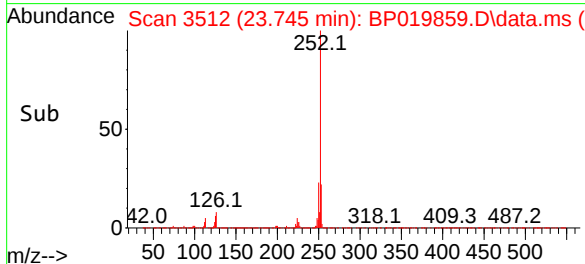
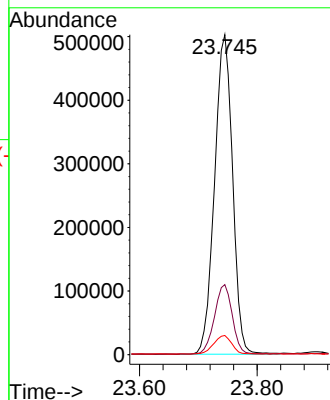
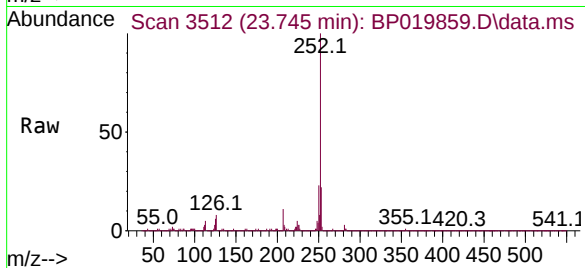
Tgt Ion:252 Resp: 1068701

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

125 6.0 5.6 8.4



#91

Dibenzo(a,h)anthracene

Concen: 48.583 ng

RT: 26.427 min Scan# 3968

Delta R.T. -0.029 min

Lab File: BP019859.D

Acq: 24 Feb 2024 13:37

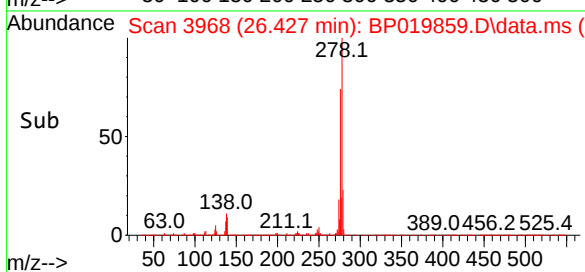
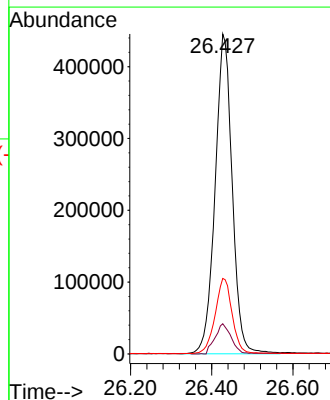
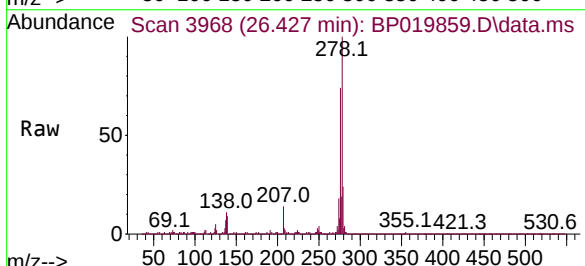
Tgt Ion:278 Resp: 1301499

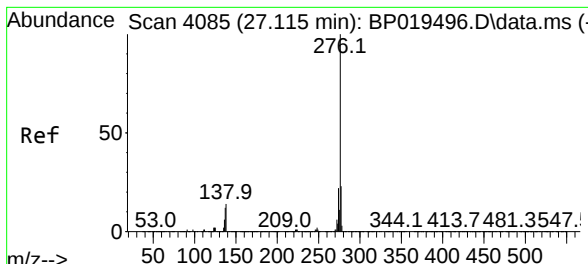
Ion Ratio Lower Upper

278 100

139 9.4 8.6 12.8

279 23.6 18.5 27.7





#92
 Benzo(g,h,i)perylene
 Concen: 46.242 ng
 RT: 27.192 min Scan# 40
 Delta R.T. -0.024 min
 Lab File: BP019859.D
 Acq: 24 Feb 2024 13:37

Instrument :
 BNA_P
 ClientSampleId :
 PB159213BS

Tgt Ion:276 Resp: 1256760

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	11.4	10.9	16.3

