

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021624\
 Data File : BP019739.D
 Acq On : 16 Feb 2024 11:40
 Operator : MA/JU
 Sample : PB159037BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB159037BS

Quant Time: Feb 16 12:06:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	64902	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	230948	20.000	ng	-0.01
39) Acenaphthene-d10	14.540	164	147518	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	337083	20.000	ng	0.00
76) Chrysene-d12	21.392	240	317391	20.000	ng	0.00
86) Perylene-d12	23.816	264	389478	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	524568	130.283	ng	0.00
7) Phenol-d6	7.081	99	662419	122.014	ng	0.00
23) Nitrobenzene-d5	9.075	82	447529	83.967	ng	-0.01
42) 2,4,6-Tribromophenol	16.039	330	356993	165.745	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1018446	85.348	ng	-0.01
79) Terphenyl-d14	19.869	244	1784282	92.452	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	54302	35.005	ng	96
3) Pyridine	3.781	79	141723	33.698	ng	96
4) n-Nitrosodimethylamine	3.699	42	78201	42.708	ng	95
6) Aniline	7.234	93	143532	27.209	ng	99
8) 2-Chlorophenol	7.469	128	186834	45.197	ng	97
10) Phenol	7.105	94	236132	43.639	ng	97
11) bis(2-Chloroethyl)ether	7.340	93	171698	40.786	ng	99
12) 1,3-Dichlorobenzene	7.793	146	216617	42.825	ng	96
13) 1,4-Dichlorobenzene	7.940	146	220962	43.118	ng	97
14) 1,2-Dichlorobenzene	8.252	146	210748	42.504	ng	99
15) Benzyl Alcohol	8.158	79	186490	42.992	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.428	45	168928	40.129	ng	98
17) 2-Methylphenol	8.358	107	154832	42.502	ng	96
18) Hexachloroethane	8.975	117	82460	41.513	ng	96
19) n-Nitroso-di-n-propyla...	8.722	70	145503	39.237	ng	98
20) 3+4-Methylphenols	8.687	107	208700	41.978	ng	98
22) Acetophenone	8.740	105	285931	43.459	ng	# 97
24) Nitrobenzene	9.116	77	223526	41.654	ng	98
25) Isophorone	9.646	82	389830	41.998	ng	99
26) 2-Nitrophenol	9.828	139	100895	49.310	ng	97
27) 2,4-Dimethylphenol	9.887	122	136659	52.232	ng	98
28) bis(2-Chloroethoxy)met...	10.128	93	220390	41.965	ng	99
29) 2,4-Dichlorophenol	10.357	162	185696	46.951	ng	98
30) 1,2,4-Trichlorobenzene	10.569	180	217340	44.818	ng	98
31) Naphthalene	10.757	128	548765	43.324	ng	99
32) Benzoic acid	10.034	122	127491	50.013	ng	95
33) 4-Chloroaniline	10.881	127	65897	14.068	ng	99
34) Hexachlorobutadiene	11.022	225	159486	44.381	ng	96
35) Caprolactam	11.687	113	57818	51.639	ng	96
36) 4-Chloro-3-methylphenol	12.004	107	197422	45.779	ng	97
37) 2-Methylnaphthalene	12.369	142	377134	43.023	ng	98
38) 1-Methylnaphthalene	12.587	142	364820	42.351	ng	99
40) 1,2,4,5-Tetrachloroben...	12.734	216	265664	46.696	ng	98
41) Hexachlorocyclopentadiene	12.698	237	325393	126.607	ng	98
43) 2,4,6-Trichlorophenol	12.981	196	167542	48.634	ng	99
44) 2,4,5-Trichlorophenol	13.051	196	182888	48.347	ng	97

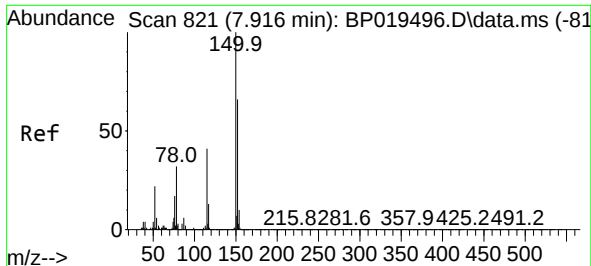
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 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.381	154	513959	43.652	ng	99
47) 2-Chloronaphthalene	13.422	162	409115	42.329	ng	99
48) 2-Nitroaniline	13.634	65	127307	47.106	ng	95
49) Acenaphthylene	14.263	152	659029	48.602	ng	100
50) Dimethylphthalate	14.010	163	522905	46.304	ng	98
51) 2,6-Dinitrotoluene	14.140	165	116378	46.905	ng	89
52) Acenaphthene	14.604	154	371610	44.156	ng	98
53) 3-Nitroaniline	14.463	138	78703	34.516	ng	95
54) 2,4-Dinitrophenol	14.681	184	152215	118.158	ng	97
55) Dibenzofuran	14.945	168	631674	46.084	ng	98
56) 4-Nitrophenol	14.775	139	191962	102.713	ng	99
57) 2,4-Dinitrotoluene	14.928	165	165534	50.912	ng	96
58) Fluorene	15.592	166	513519	47.038	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.169	232	174279	54.772	ng	95
60) Diethylphthalate	15.375	149	511524	45.539	ng	98
61) 4-Chlorophenyl-phenyle...	15.592	204	285283	46.493	ng	96
62) 4-Nitroaniline	15.628	138	114406	47.868	ng	98
63) Azobenzene	15.887	77	466542	42.952	ng	97
65) 4,6-Dinitro-2-methylph...	15.687	198	99433	51.732	ng	97
66) n-Nitrosodiphenylamine	15.810	169	442839	43.866	ng	99
67) 4-Bromophenyl-phenylether	16.492	248	190414	45.187	ng	95
68) Hexachlorobenzene	16.592	284	223385	45.395	ng	96
69) Atrazine	16.775	200	169333	50.548	ng	95
70) Pentachlorophenol	16.945	266	310719	101.394	ng	99
71) Phenanthrene	17.339	178	827616	46.654	ng	99
72) Anthracene	17.434	178	834254	47.143	ng	99
73) Carbazole	17.710	167	761710	47.381	ng	99
74) Di-n-butylphthalate	18.269	149	838006	43.112	ng	99
75) Fluoranthene	19.310	202	1015088	46.841	ng	99
77) Benzidine	19.498	184	328073	49.441	ng	99
78) Pyrene	19.663	202	1045898	46.692	ng	99
80) Butylbenzylphthalate	20.551	149	366681	43.834	ng	96
81) Benzo(a)anthracene	21.380	228	1034304	46.294	ng	100
82) 3,3'-Dichlorobenzidine	21.316	252	344694	42.338	ng	98
83) Chrysene	21.433	228	971472	45.799	ng	100
84) Bis(2-ethylhexyl)phtha...	21.316	149	480184	37.697	ng	97
85) Di-n-octyl phthalate	22.257	149	851722	38.003	ng	100
87) Indeno(1,2,3-cd)pyrene	26.357	276	1473110	49.411	ng	98
88) Benzo(b)fluoranthene	23.074	252	1118167	45.552	ng	99
89) Benzo(k)fluoranthene	23.127	252	1061299	45.262	ng	100
90) Benzo(a)pyrene	23.710	252	1036656	47.463	ng	98
91) Dibenzo(a,h)anthracene	26.386	278	1224192	49.926	ng #	97
92) Benzo(g,h,i)perylene	27.139	276	1180712	47.464	ng	98

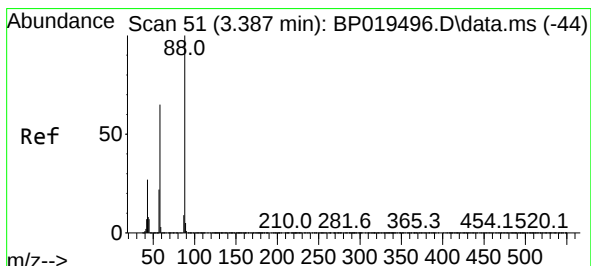
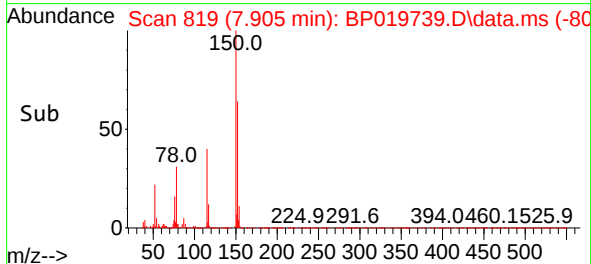
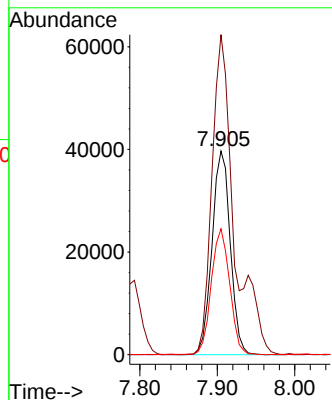
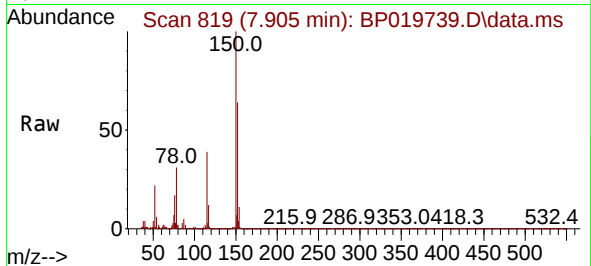
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.905 min Scan# 81
 Delta R.T. -0.011 min
 Lab File: BP019739.D
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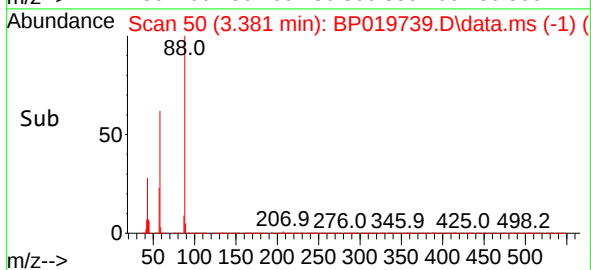
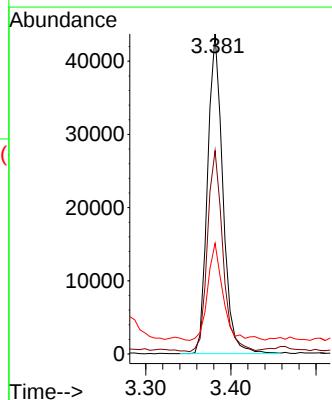
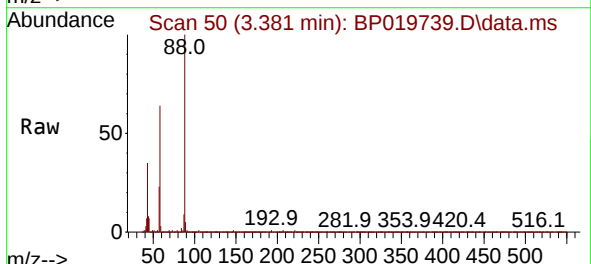
Instrument :
 BNA_P
 ClientSampleId :
 PB159037BS

Tgt Ion:152 Resp: 64902
 Ion Ratio Lower Upper
 152 100
 150 157.3 121.8 182.8
 115 61.9 49.9 74.9



#2
 1,4-Dioxane
 Concen: 35.005 ng
 RT: 3.381 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: BP019739.D
 Acq: 16 Feb 2024 11:40

Tgt Ion: 88 Resp: 54302
 Ion Ratio Lower Upper
 88 100
 58 63.4 52.6 78.8
 43 30.2 21.9 32.9

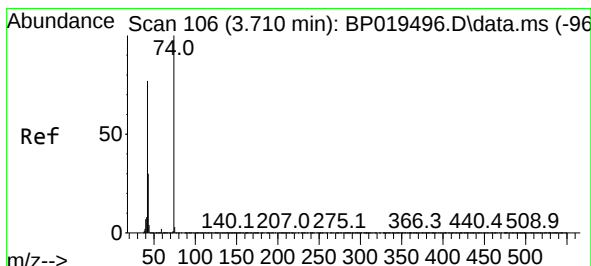
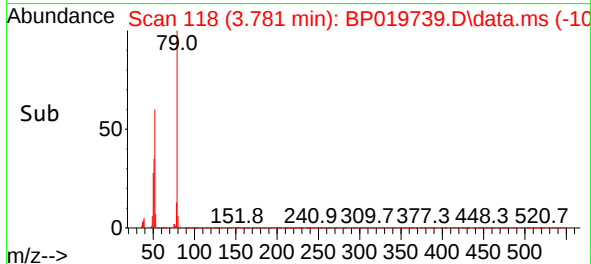
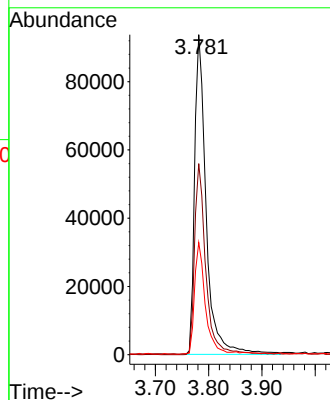
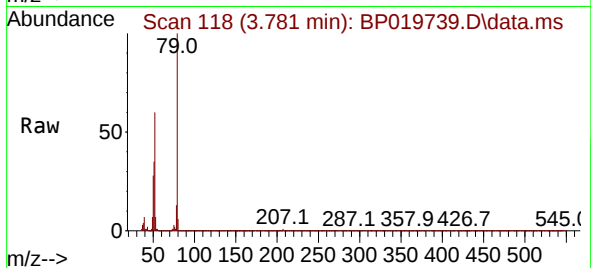




#3
Pyridine
Concen: 33.698 ng
RT: 3.781 min Scan# 119
Delta R.T. -0.006 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

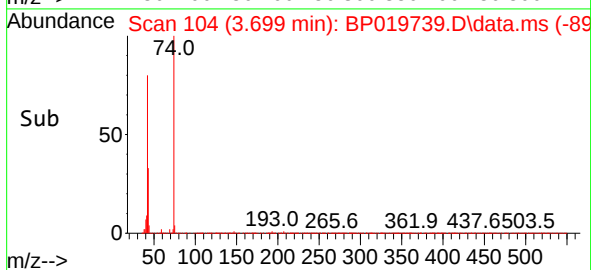
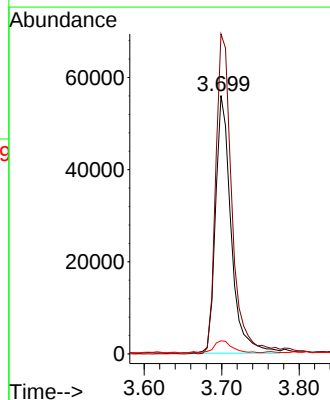
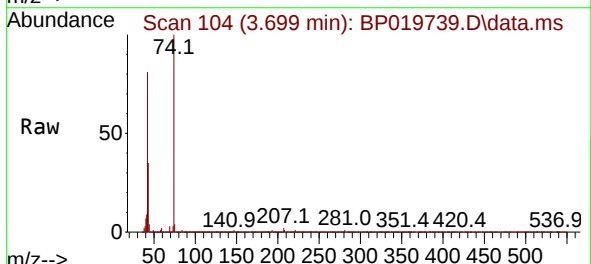
Instrument :
BNA_P
ClientSampleId :
PB159037BS

Tgt Ion: 79 Resp: 141723
Ion Ratio Lower Upper
79 100
52 59.7 45.0 67.6
51 35.1 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 42.708 ng
RT: 3.699 min Scan# 104
Delta R.T. -0.011 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

Tgt Ion: 42 Resp: 78201
Ion Ratio Lower Upper
42 100
74 123.9 103.4 155.2
44 5.1 4.8 7.2

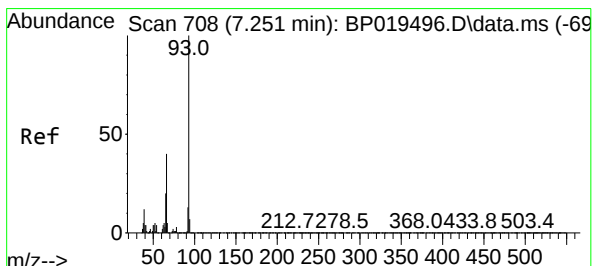
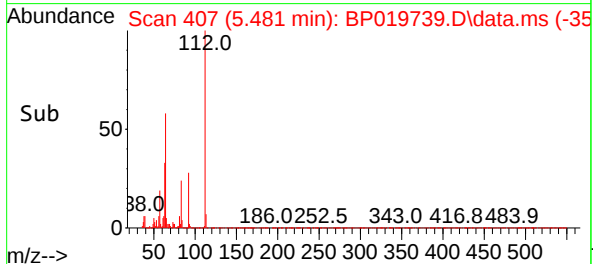
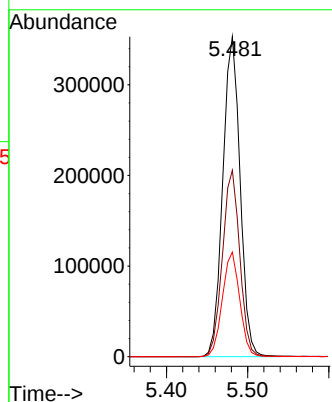
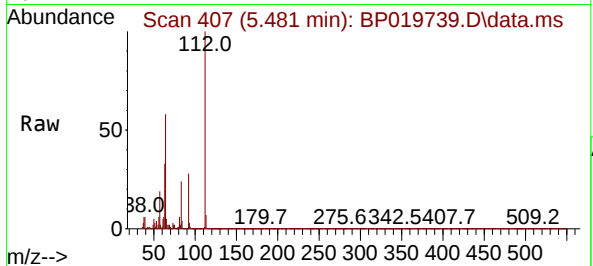




#5
2-Fluorophenol
Concen: 130.283 ng
RT: 5.481 min Scan# 408
Delta R.T. -0.006 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

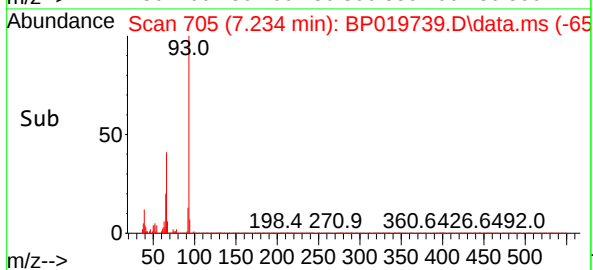
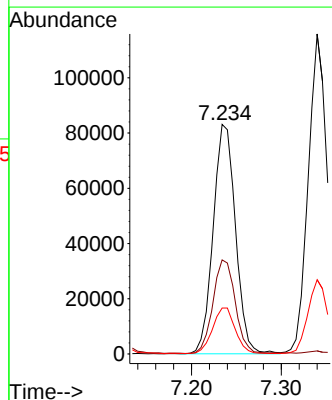
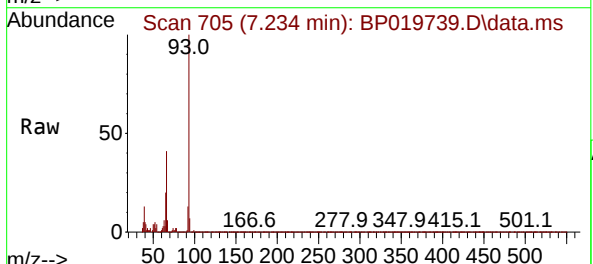
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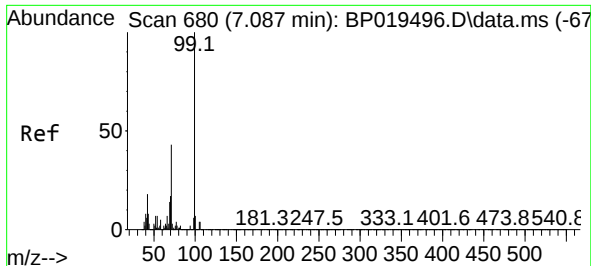
Tgt Ion:112 Resp: 524568
Ion Ratio Lower Upper
112 100
64 58.2 47.4 71.0
63 32.7 27.0 40.6



#6
Aniline
Concen: 27.209 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.017 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

Tgt Ion: 93 Resp: 143532
Ion Ratio Lower Upper
93 100
66 41.0 32.3 48.5
65 20.0 16.4 24.6

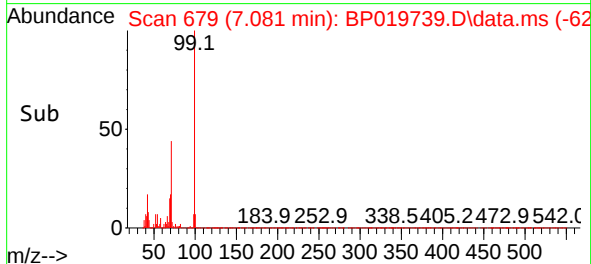
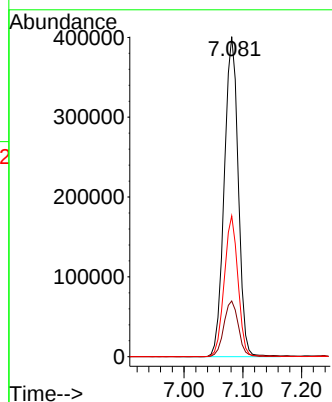
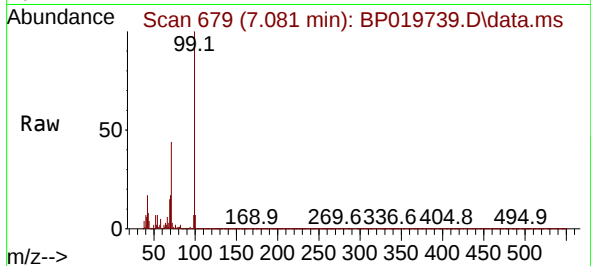




#7
Phenol-d6
Concen: 122.014 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

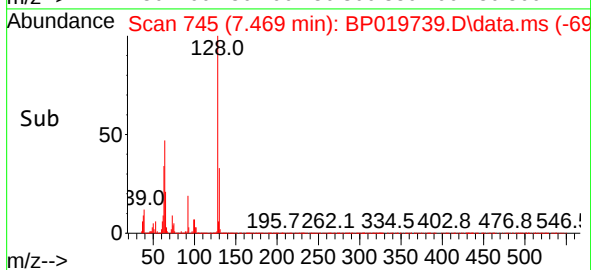
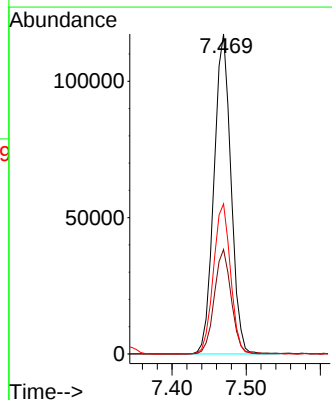
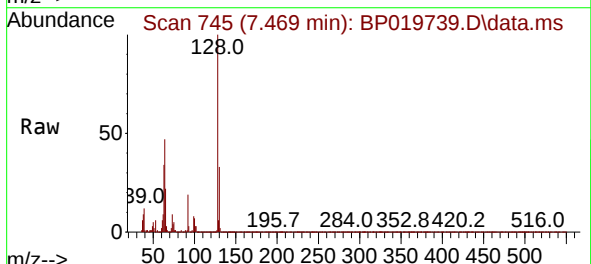
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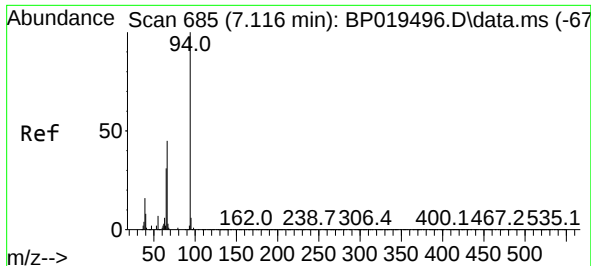
Tgt Ion: 99 Resp: 662419
Ion Ratio Lower Upper
99 100
42 17.4 14.7 22.1
71 44.0 34.8 52.2



#8
2-Chlorophenol
Concen: 45.197 ng
RT: 7.469 min Scan# 745
Delta R.T. -0.011 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

Tgt Ion: 128 Resp: 186834
Ion Ratio Lower Upper
128 100
130 32.6 13.3 53.3
64 46.9 29.7 69.7

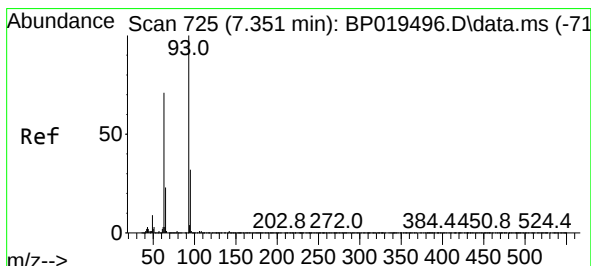
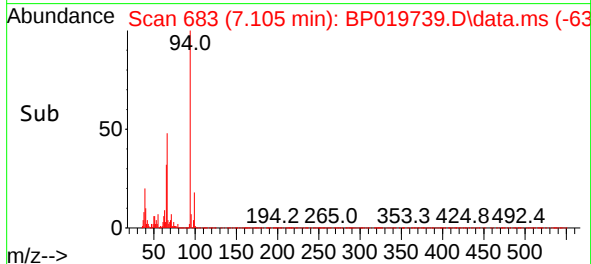
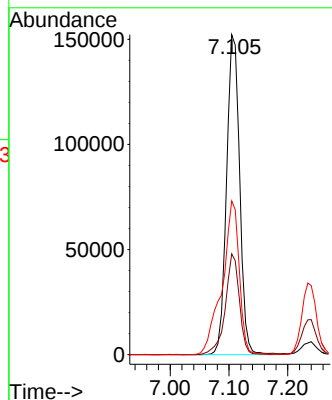
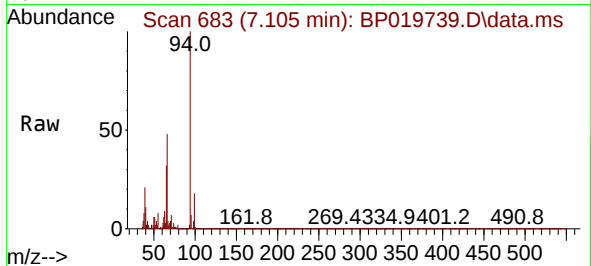




#10
Phenol
Concen: 43.639 ng
RT: 7.105 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

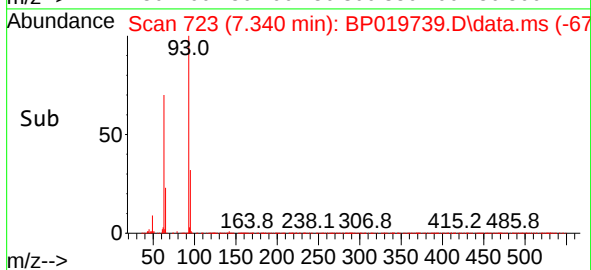
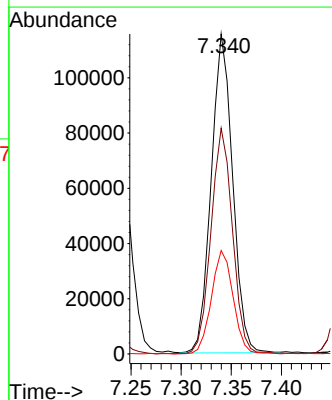
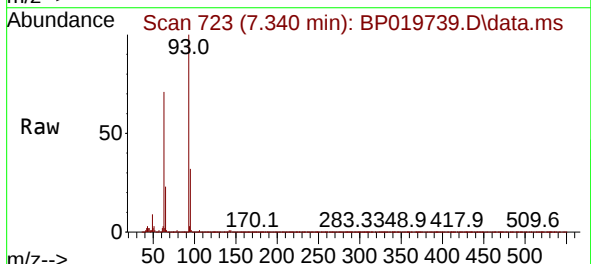
Instrument :
BNA_P
ClientSampleId :
PB159037BS

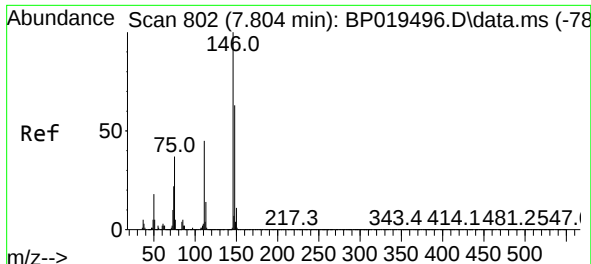
Tgt Ion: 94 Resp: 236132
Ion Ratio Lower Upper
94 100
65 31.5 11.3 51.3
66 48.0 25.1 65.1



#11
bis(2-Chloroethyl)ether
Concen: 40.786 ng
RT: 7.340 min Scan# 723
Delta R.T. -0.011 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

Tgt Ion: 93 Resp: 171698
Ion Ratio Lower Upper
93 100
63 70.6 51.2 91.2
95 32.3 11.8 51.8





#12

1,3-Dichlorobenzene

Concen: 42.825 ng

RT: 7.793 min Scan# 80

Delta R.T. -0.011 min

Lab File: BP019739.D

Acq: 16 Feb 2024 11:40

Instrument :

BNA_P

ClientSampleId :

PB159037BS

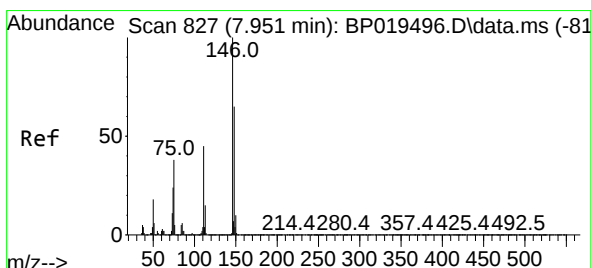
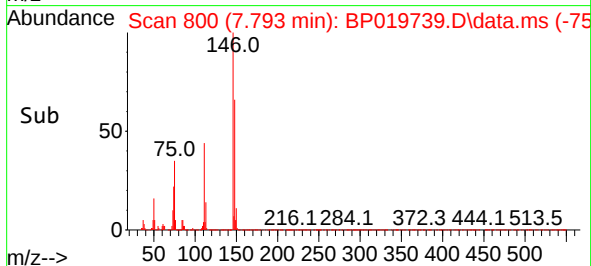
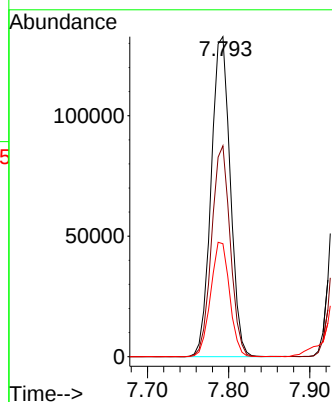
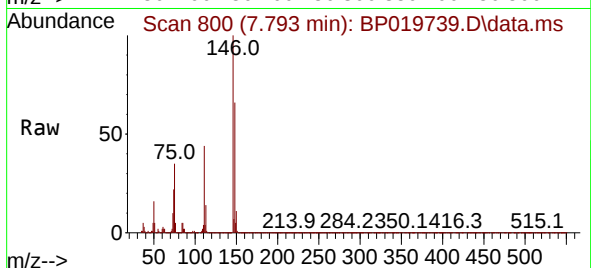
Tgt Ion:146 Resp: 216617

Ion Ratio Lower Upper

146 100

148 65.9 50.4 75.6

75 35.3 29.9 44.9



#13

1,4-Dichlorobenzene

Concen: 43.118 ng

RT: 7.940 min Scan# 825

Delta R.T. -0.011 min

Lab File: BP019739.D

Acq: 16 Feb 2024 11:40

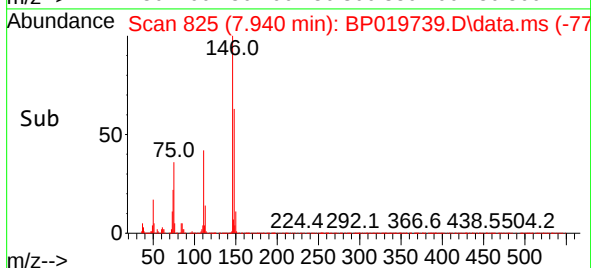
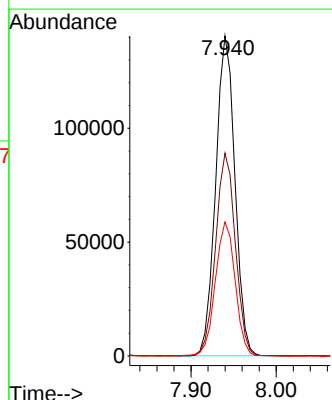
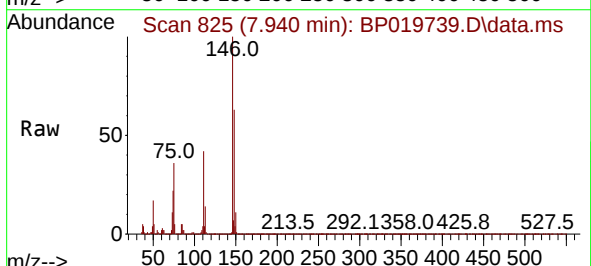
Tgt Ion:146 Resp: 220962

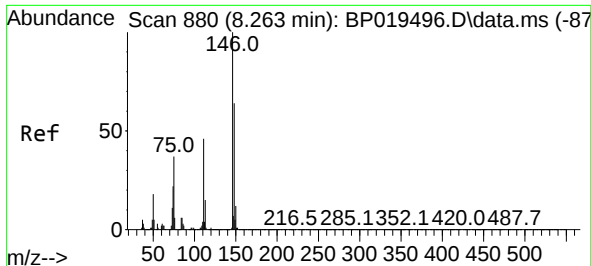
Ion Ratio Lower Upper

146 100

148 63.3 51.9 77.9

111 41.9 35.8 53.6

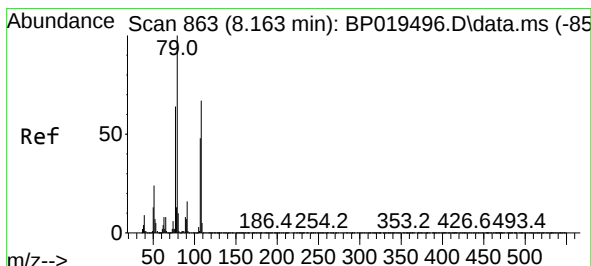
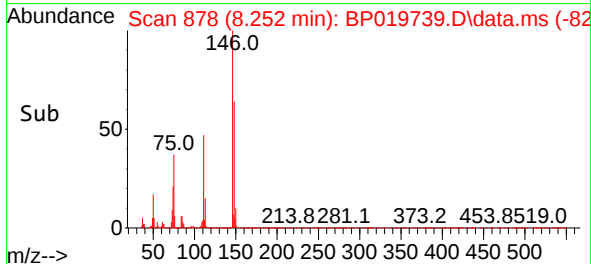
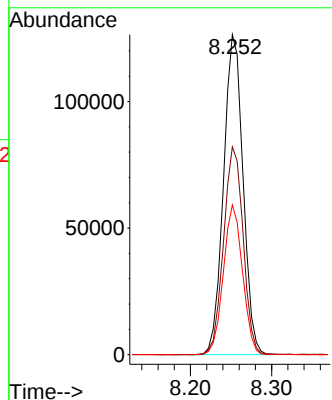
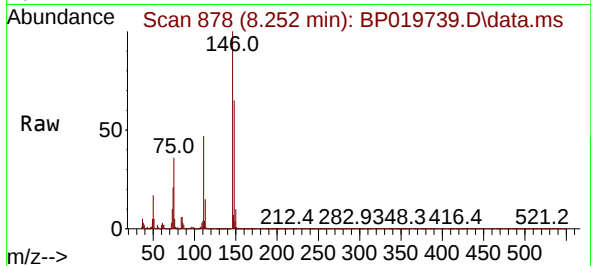




#14
1,2-Dichlorobenzene
Concen: 42.504 ng
RT: 8.252 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

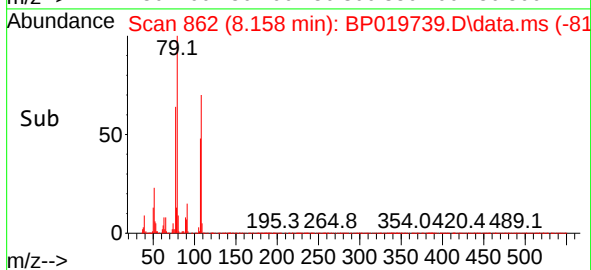
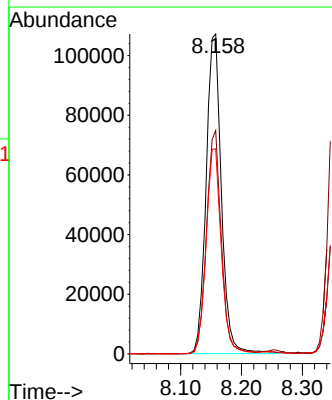
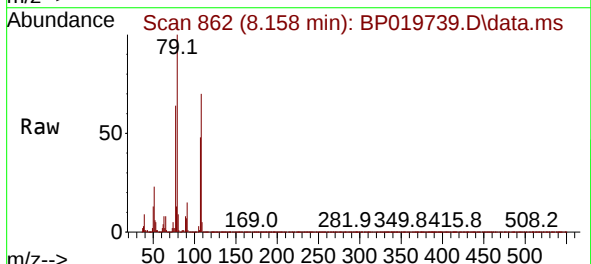
Instrument :
BNA_P
ClientSampleId :
PB159037BS

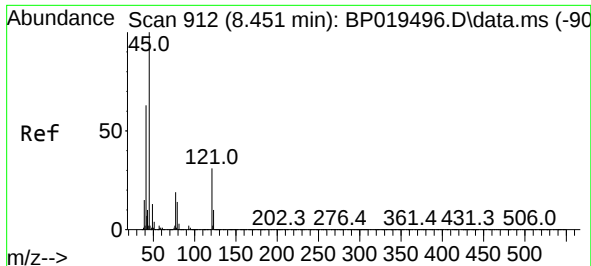
Tgt Ion:146 Resp: 210748
Ion Ratio Lower Upper
146 100
148 65.0 51.4 77.0
111 46.8 37.0 55.6



#15
Benzyl Alcohol
Concen: 42.992 ng
RT: 8.158 min Scan# 862
Delta R.T. -0.006 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

Tgt Ion: 79 Resp: 186490
Ion Ratio Lower Upper
79 100
108 69.9 53.8 80.6
77 64.1 51.3 76.9

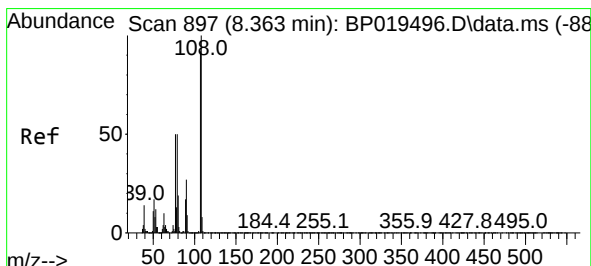
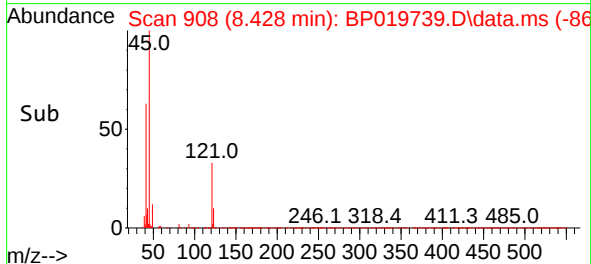
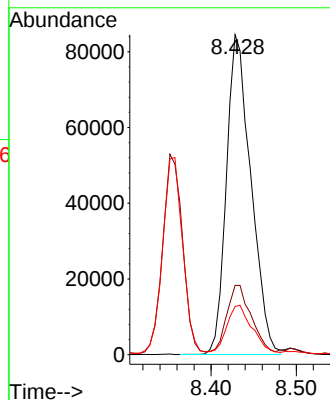
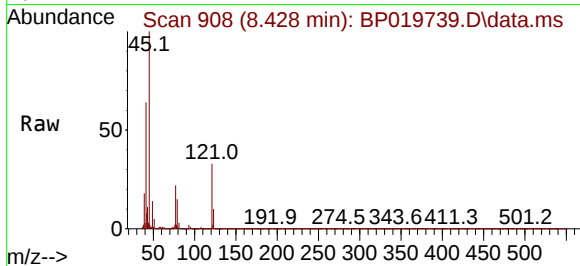




#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.129 ng
RT: 8.428 min Scan# 90
Delta R.T. -0.023 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

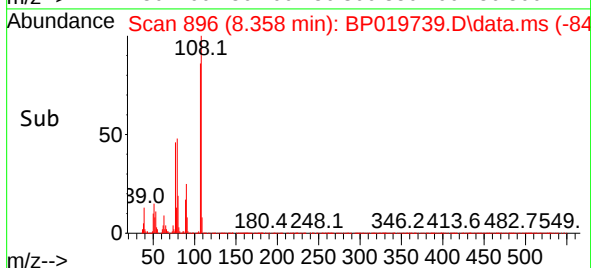
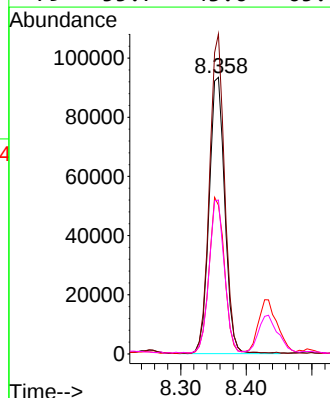
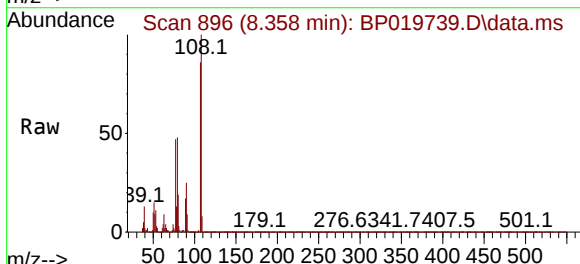
Instrument :
BNA_P
ClientSampleId :
PB159037BS

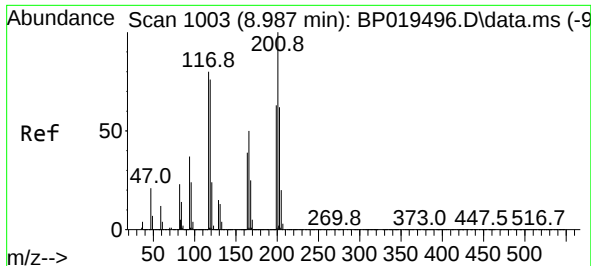
Tgt Ion: 45 Resp: 168928
Ion Ratio Lower Upper
45 100
77 21.7 0.8 40.8
79 15.1 0.0 35.5



#17
2-Methylphenol
Concen: 42.502 ng
RT: 8.358 min Scan# 896
Delta R.T. -0.006 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

Tgt Ion: 107 Resp: 154832
Ion Ratio Lower Upper
107 100
108 115.7 87.0 130.6
77 53.8 43.5 65.3
79 55.7 43.6 65.4

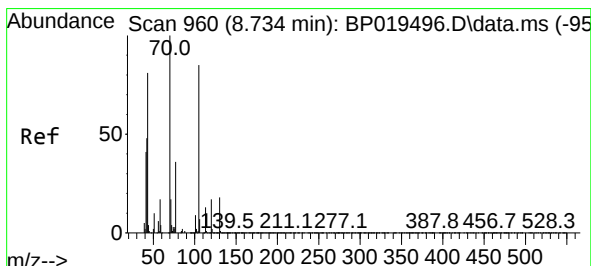
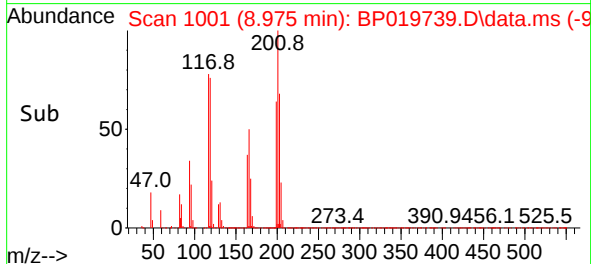
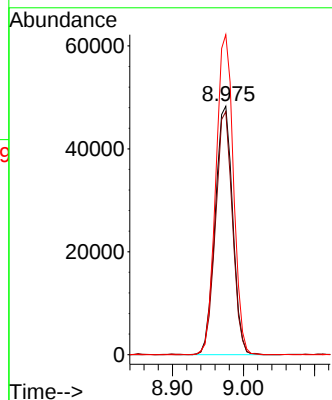
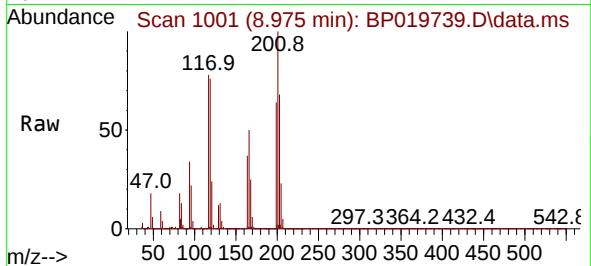




#18
Hexachloroethane
Concen: 41.513 ng
RT: 8.975 min Scan# 10
Delta R.T. -0.011 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

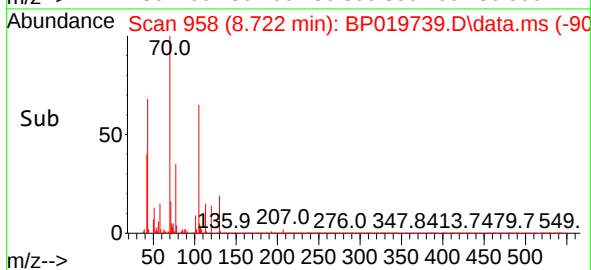
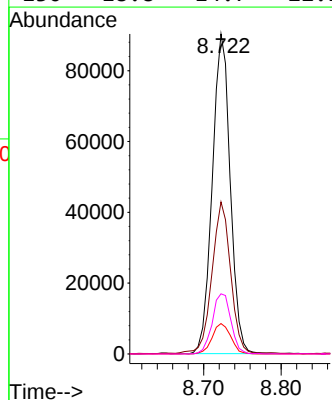
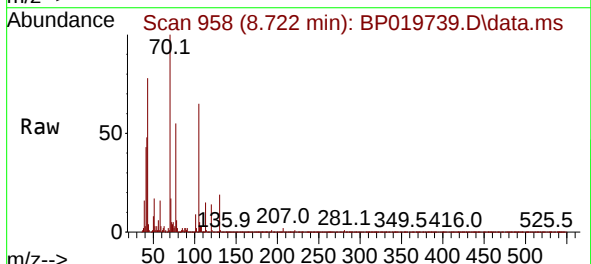
Instrument :
BNA_P
ClientSampleId :
PB159037BS

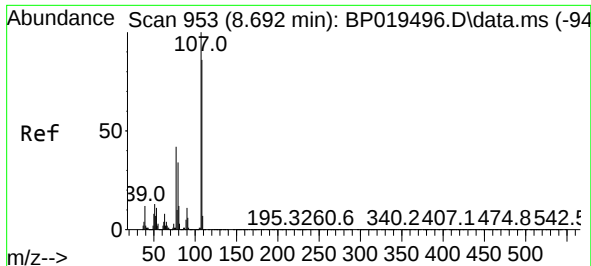
Tgt Ion:117 Resp: 82460
Ion Ratio Lower Upper
117 100
119 97.8 75.5 113.3
201 128.8 99.4 149.2



#19
n-Nitroso-di-n-propylamine
Concen: 39.237 ng
RT: 8.722 min Scan# 958
Delta R.T. -0.011 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

Tgt Ion: 70 Resp: 145503
Ion Ratio Lower Upper
70 100
42 47.5 39.2 58.8
101 9.5 7.3 10.9
130 18.8 14.7 22.1

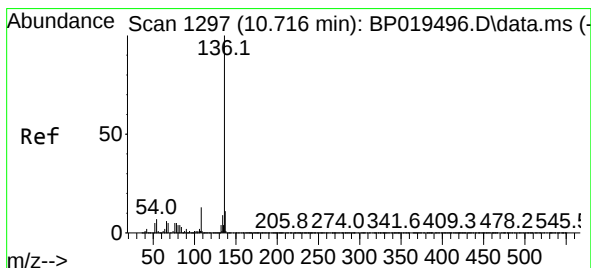
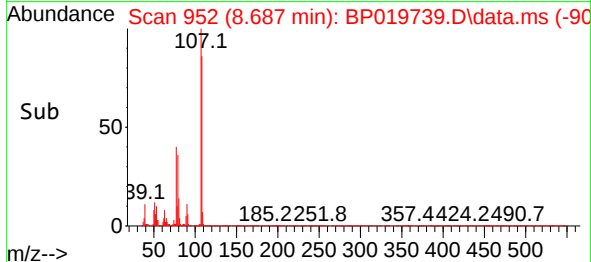
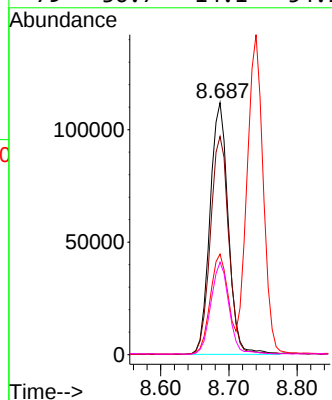
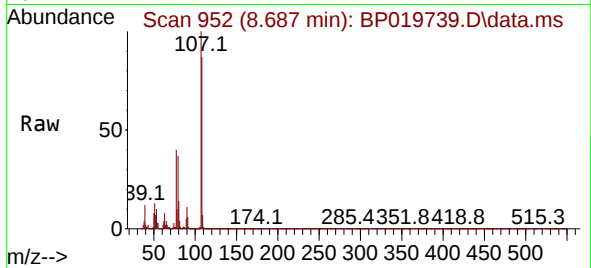




#20
3+4-Methylphenols
Concen: 41.978 ng
RT: 8.687 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

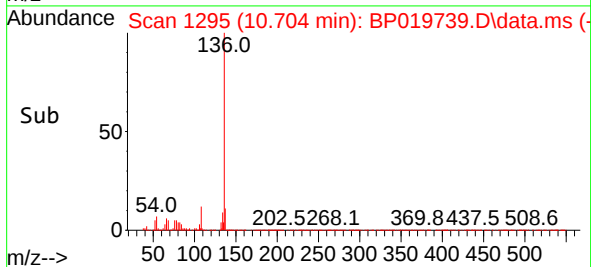
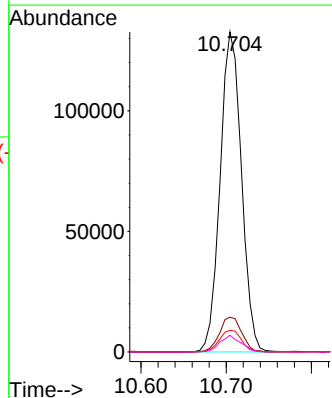
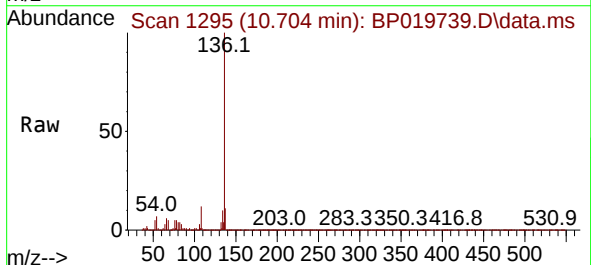
Instrument :
BNA_P
ClientSampleId :
PB159037BS

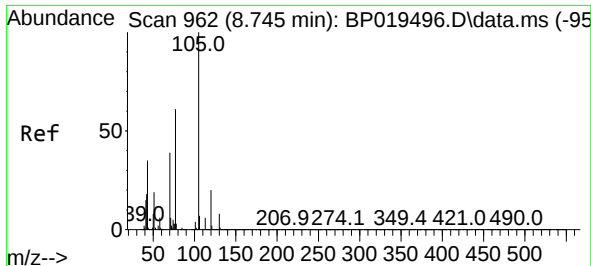
Tgt	Ion:107	Resp:	208700
Ion	Ratio	Lower	Upper
107	100		
108	86.6	65.5	105.5
77	40.0	21.8	61.8
79	36.7	14.1	54.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.011 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

Tgt	Ion:136	Resp:	230948
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.8	5.3	7.9
68	5.2	4.1	6.1

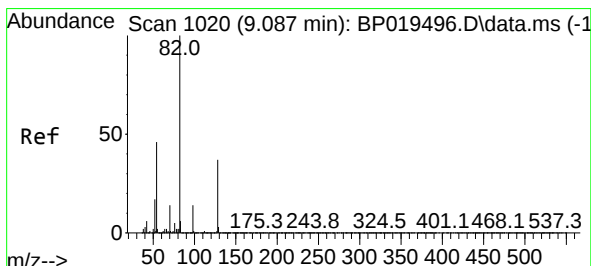
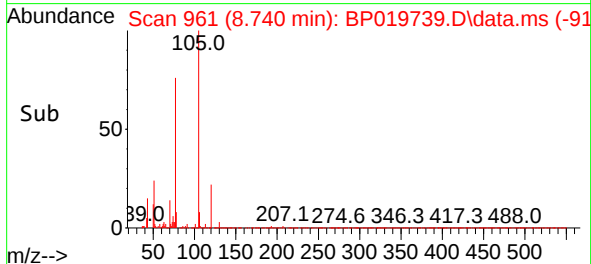
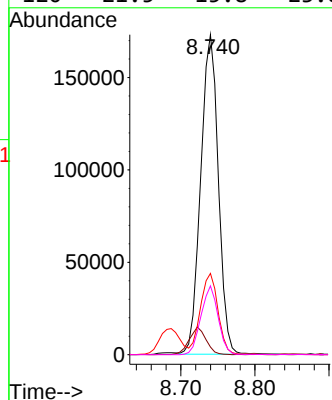
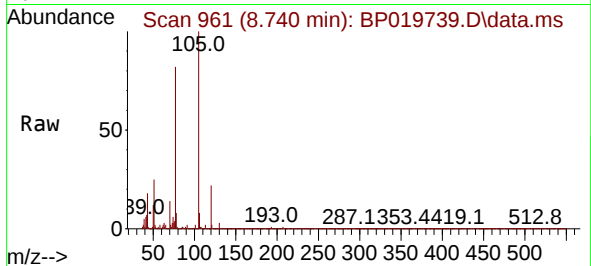




#22
Acetophenone
Concen: 43.459 ng
RT: 8.740 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

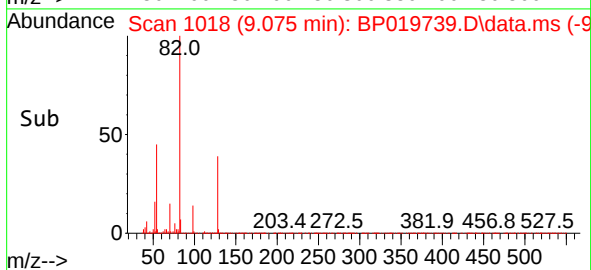
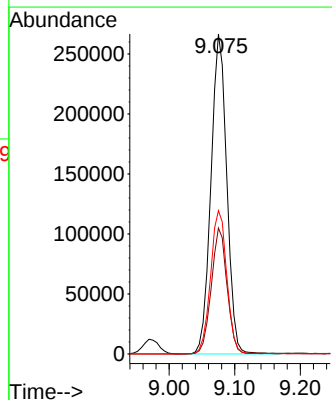
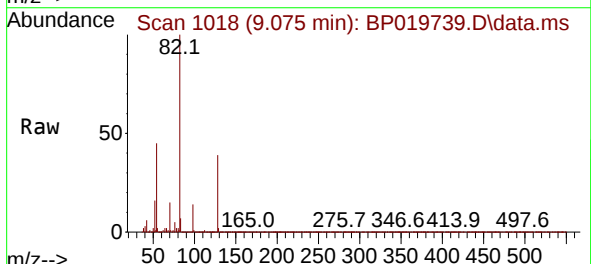
Instrument :
BNA_P
ClientSampleId :
PB159037BS

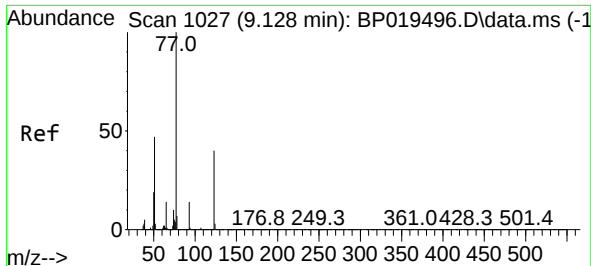
Tgt Ion:	105	Resp:	285931
Ion	Ratio	Lower	Upper
105	100		
71	2.4	4.9	7.3#
51	25.4	20.7	31.1
120	21.5	15.8	23.8



#23
Nitrobenzene-d5
Concen: 83.967 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.011 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

Tgt Ion:	82	Resp:	447529
Ion	Ratio	Lower	Upper
82	100		
128	39.3	29.7	44.5
54	44.8	36.8	55.2

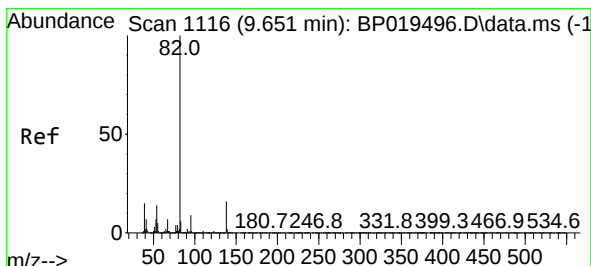
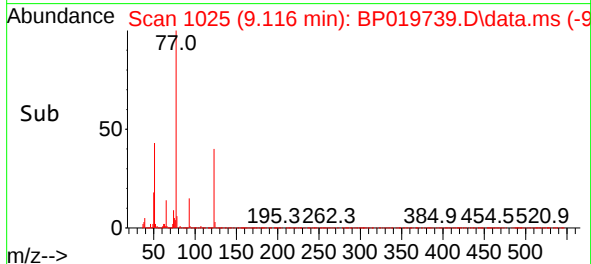
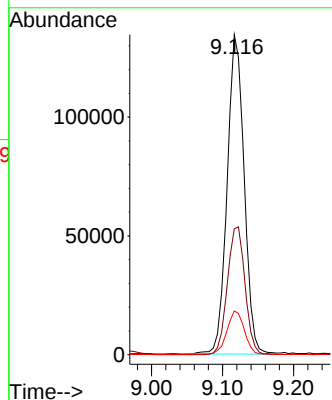
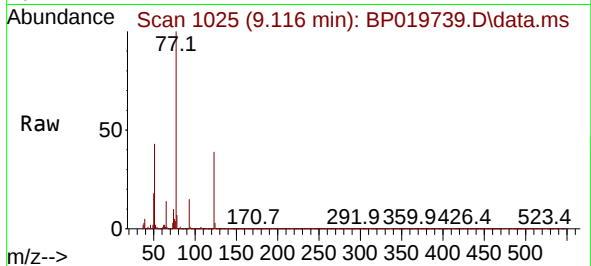




#24
Nitrobenzene
Concen: 41.654 ng
RT: 9.116 min Scan# 1025
Delta R.T. -0.011 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

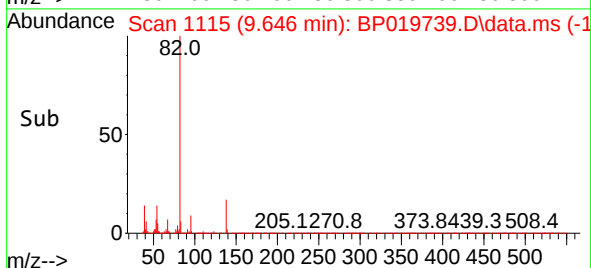
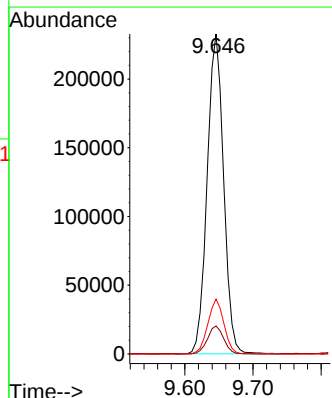
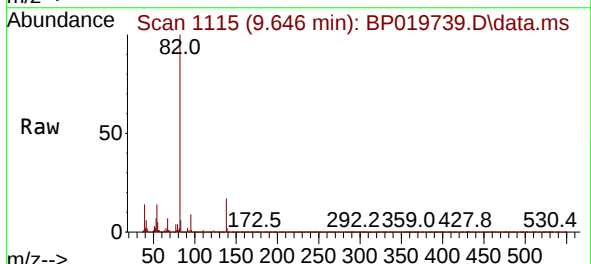
Instrument :
BNA_P
ClientSampleId :
PB159037BS

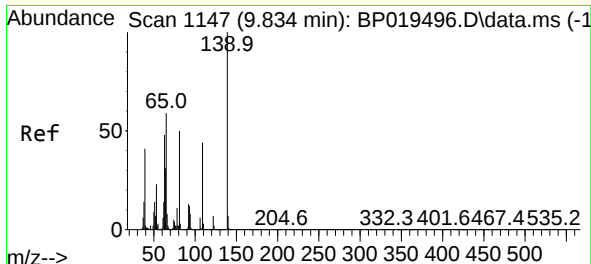
Tgt Ion: 77 Resp: 223526
Ion Ratio Lower Upper
77 100
123 39.4 32.3 48.5
65 13.7 11.6 17.4



#25
Isophorone
Concen: 41.998 ng
RT: 9.646 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

Tgt Ion: 82 Resp: 389830
Ion Ratio Lower Upper
82 100
95 8.8 7.0 10.4
138 17.1 13.1 19.7

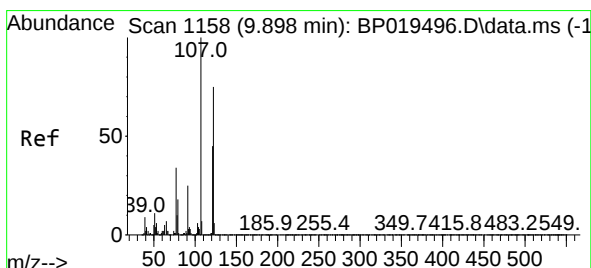
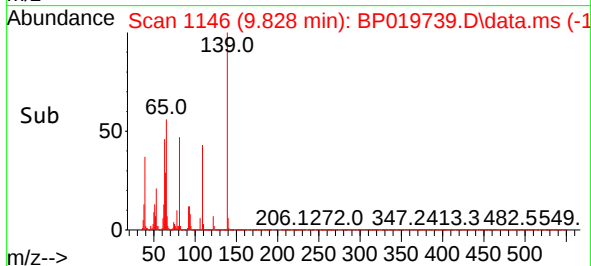
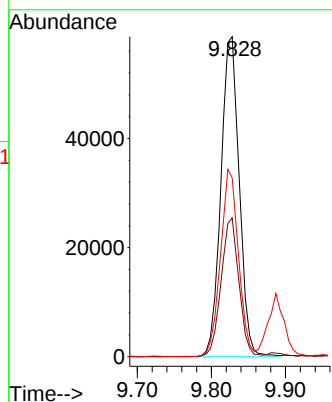
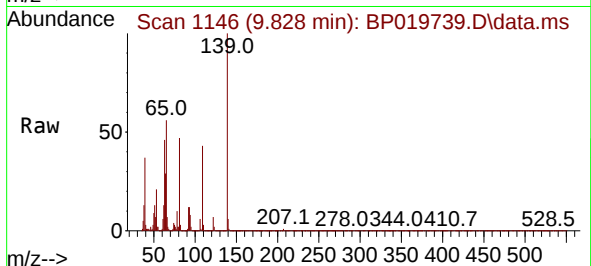




#26
2-Nitrophenol
Concen: 49.310 ng
RT: 9.828 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

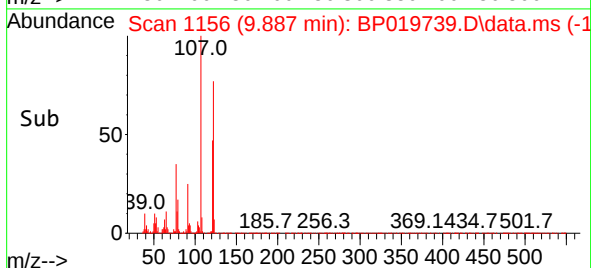
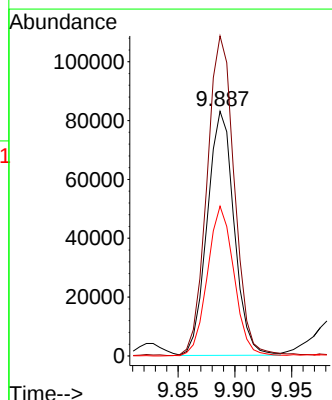
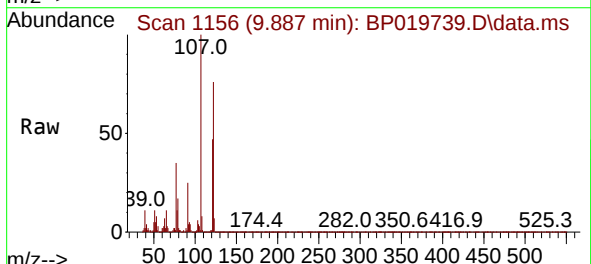
Instrument :
BNA_P
ClientSampleId :
PB159037BS

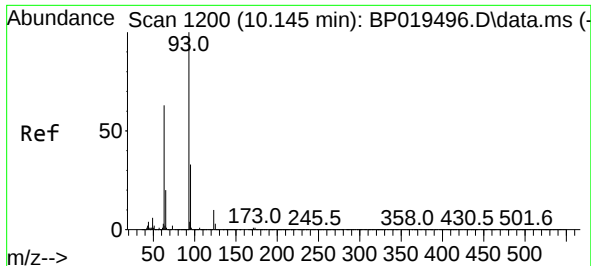
Tgt Ion:139 Resp: 100895
Ion Ratio Lower Upper
139 100
109 43.3 34.9 52.3
65 55.9 47.5 71.3



#27
2,4-Dimethylphenol
Concen: 52.232 ng
RT: 9.887 min Scan# 1156
Delta R.T. -0.011 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

Tgt Ion:122 Resp: 136659
Ion Ratio Lower Upper
122 100
107 130.8 105.9 158.9
121 61.2 47.5 71.3

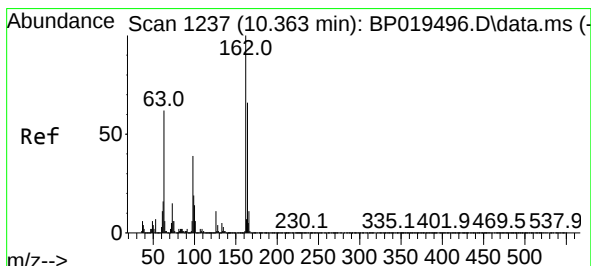
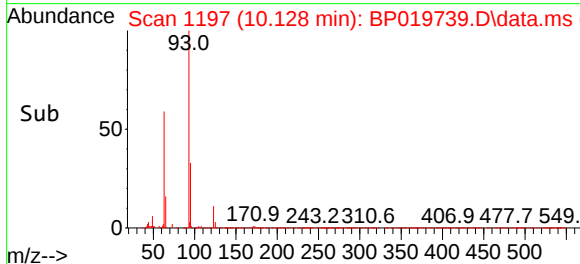
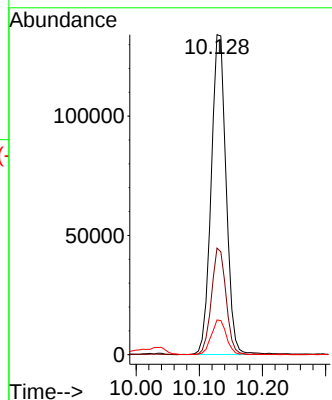
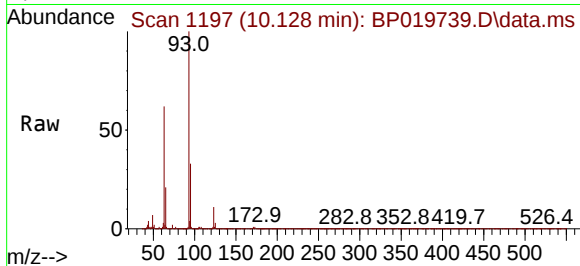




#28
bis(2-Chloroethoxy)methane
Concen: 41.965 ng
RT: 10.128 min Scan# 1197
Delta R.T. -0.017 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

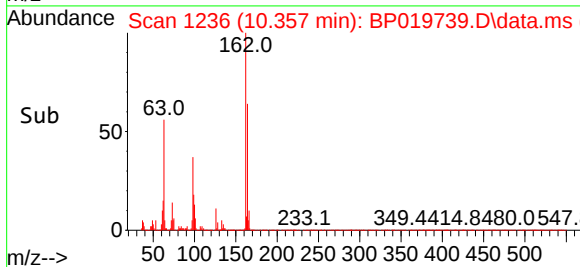
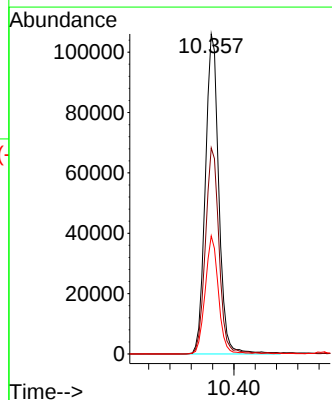
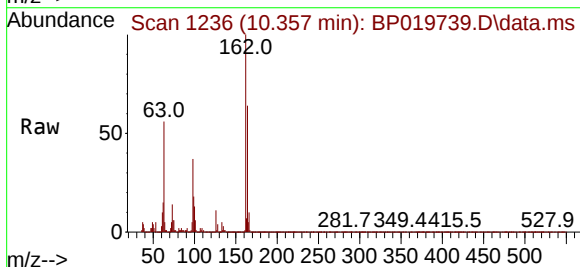
Instrument :
BNA_P
ClientSampleId :
PB159037BS

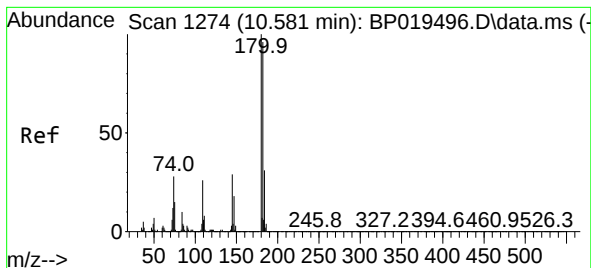
Tgt Ion: 93 Resp: 220390
Ion Ratio Lower Upper
93 100
95 33.3 26.2 39.4
123 10.8 8.5 12.7



#29
2,4-Dichlorophenol
Concen: 46.951 ng
RT: 10.357 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

Tgt Ion: 162 Resp: 185696
Ion Ratio Lower Upper
162 100
164 64.4 46.0 86.0
98 36.9 18.7 58.7





#30

1,2,4-Trichlorobenzene

Concen: 44.818 ng

RT: 10.569 min Scan# 1

Delta R.T. -0.011 min

Lab File: BP019739.D

Acq: 16 Feb 2024 11:40

Instrument :

BNA_P

ClientSampleId :

PB159037BS

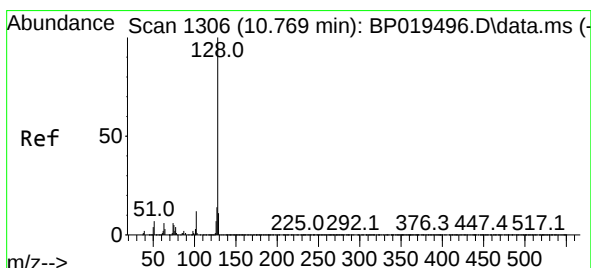
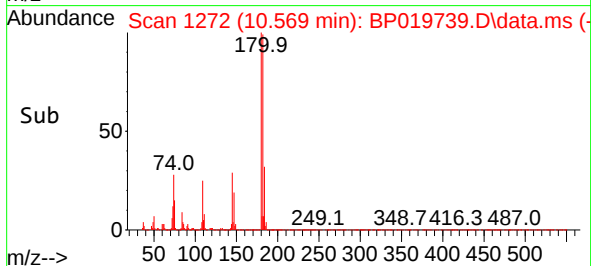
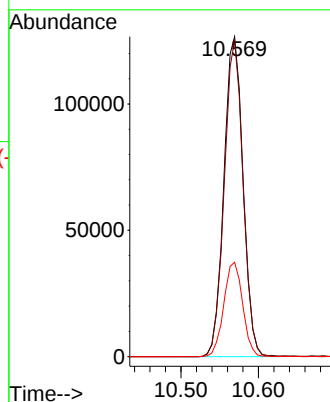
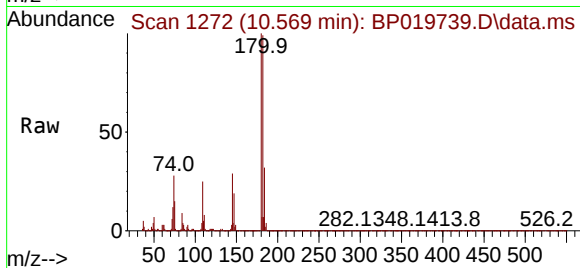
Tgt Ion:180 Resp: 217340

Ion Ratio Lower Upper

180 100

182 98.9 77.0 115.6

145 29.5 23.2 34.8



#31

Naphthalene

Concen: 43.324 ng

RT: 10.757 min Scan# 1304

Delta R.T. -0.011 min

Lab File: BP019739.D

Acq: 16 Feb 2024 11:40

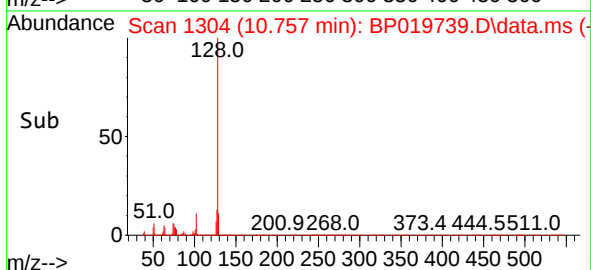
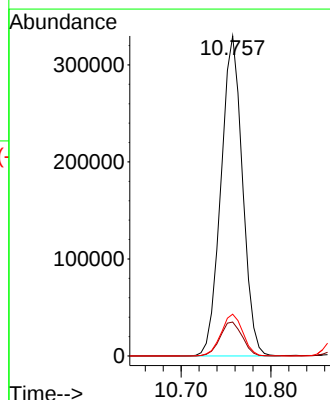
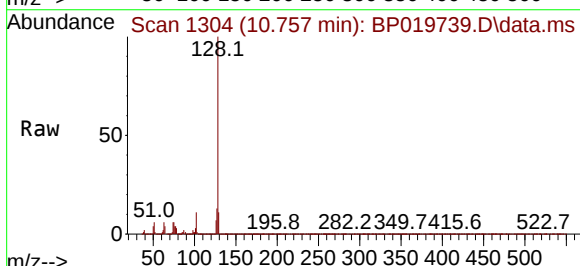
Tgt Ion:128 Resp: 548765

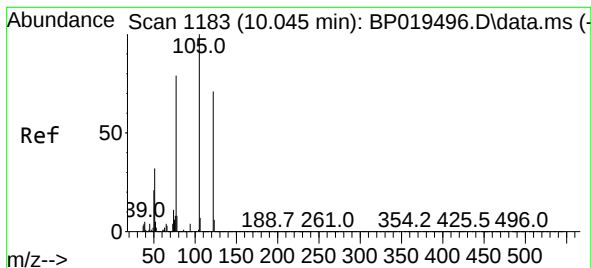
Ion Ratio Lower Upper

128 100

129 10.6 8.6 13.0

127 13.1 10.8 16.2





#32

Benzoic acid

Concen: 50.013 ng

RT: 10.034 min Scan# 1181

Delta R.T. -0.011 min

Lab File: BP019739.D

Acq: 16 Feb 2024 11:40

Instrument :

BNA_P

ClientSampleId :

PB159037BS

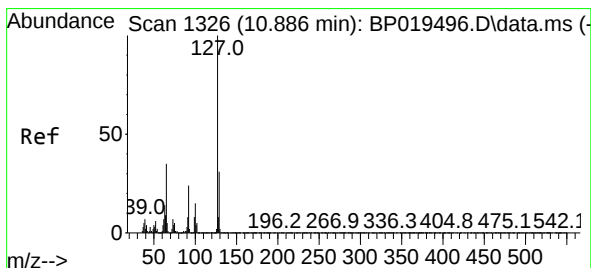
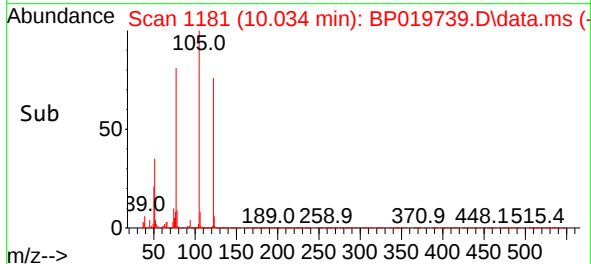
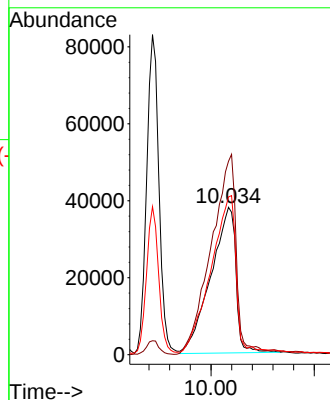
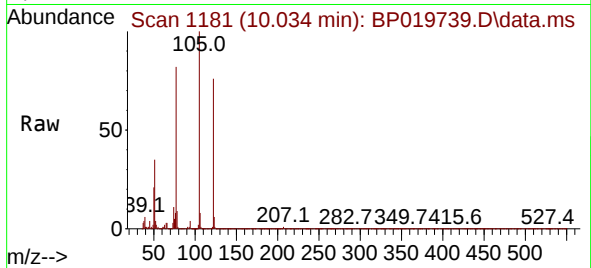
Tgt Ion:122 Resp: 127491

Ion Ratio Lower Upper

122 100

105 131.3 118.8 158.8

77 107.1 91.7 131.7



#33

4-Chloroaniline

Concen: 14.068 ng

RT: 10.881 min Scan# 1325

Delta R.T. -0.006 min

Lab File: BP019739.D

Acq: 16 Feb 2024 11:40

Tgt Ion:127 Resp: 65897

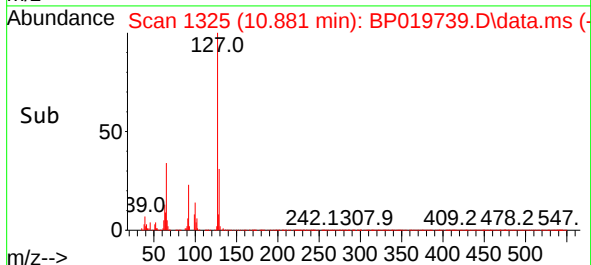
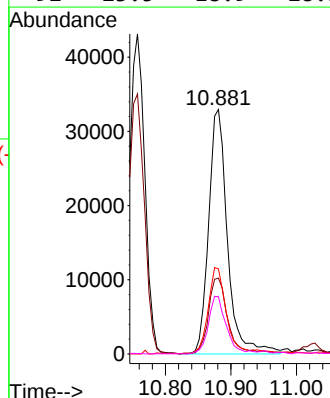
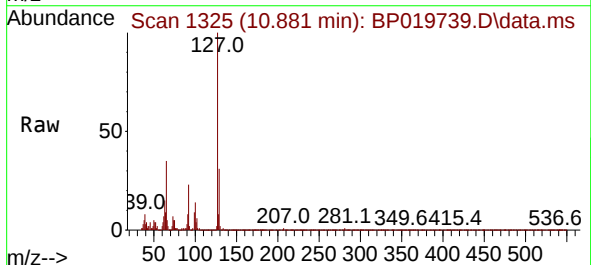
Ion Ratio Lower Upper

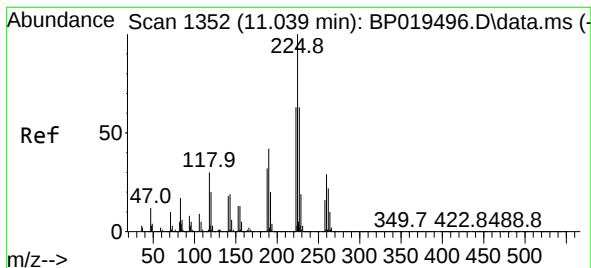
127 100

129 31.0 24.6 36.8

65 34.8 28.2 42.4

92 23.5 18.9 28.3

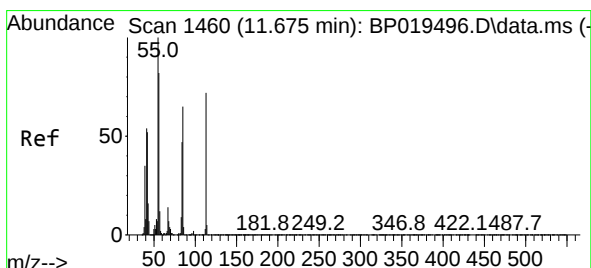
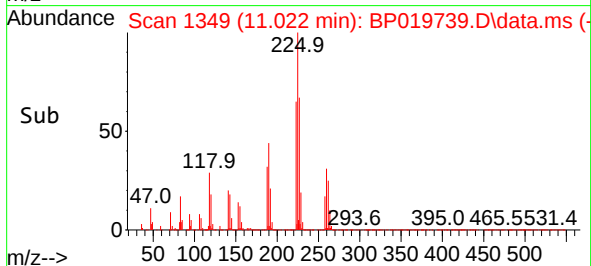
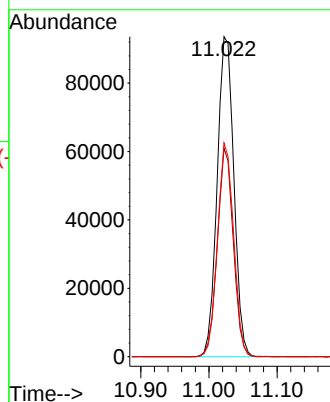
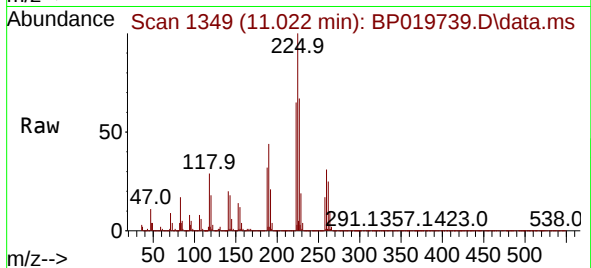




#34
Hexachlorobutadiene
Concen: 44.381 ng
RT: 11.022 min Scan# 11
Delta R.T. -0.017 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

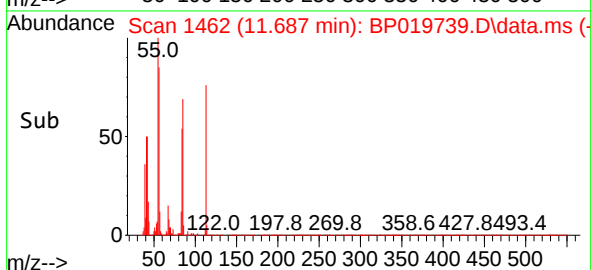
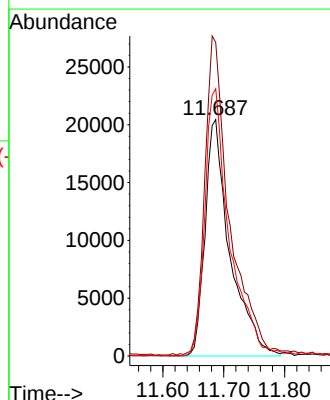
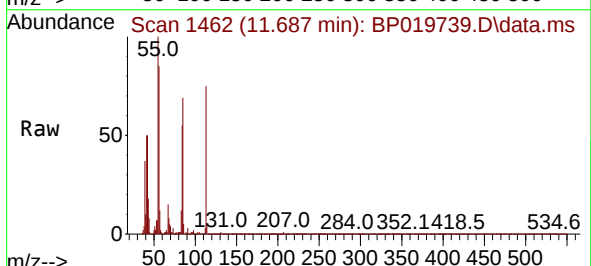
Instrument :
BNA_P
ClientSampleId :
PB159037BS

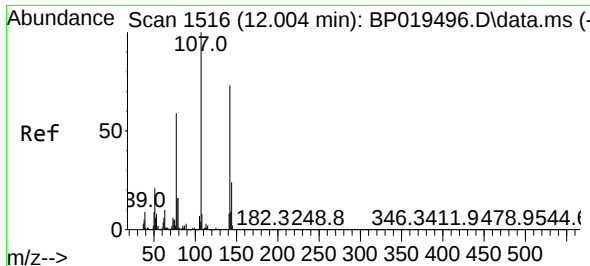
Tgt Ion:225 Resp: 159486
Ion Ratio Lower Upper
225 100
223 65.1 50.5 75.7
227 66.8 50.2 75.2



#35
Caprolactam
Concen: 51.639 ng
RT: 11.687 min Scan# 1462
Delta R.T. 0.012 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

Tgt Ion:113 Resp: 57818
Ion Ratio Lower Upper
113 100
55 132.7 120.0 160.0
56 113.1 94.0 134.0

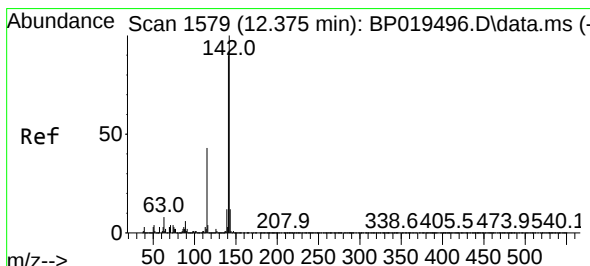
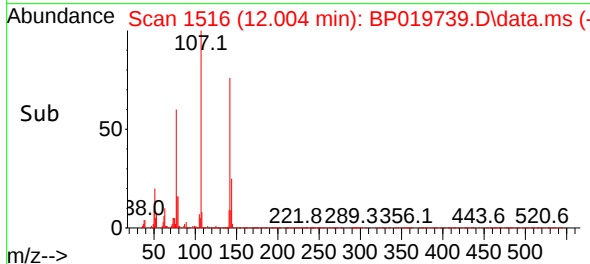
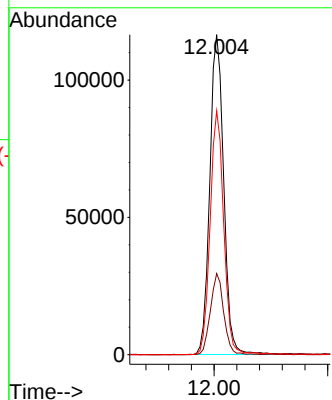
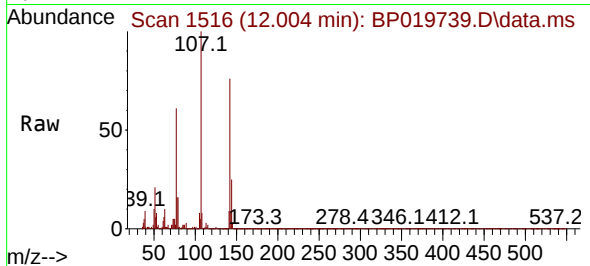




#36
4-Chloro-3-methylphenol
Concen: 45.779 ng
RT: 12.004 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

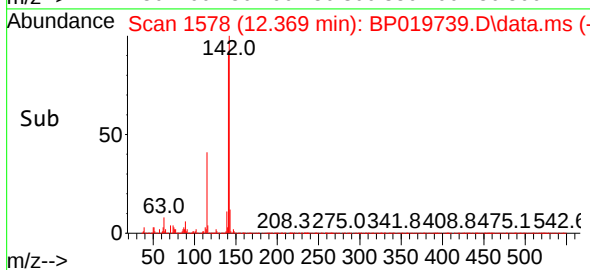
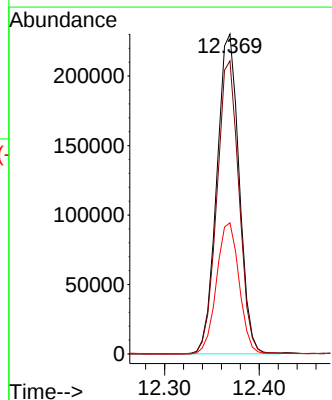
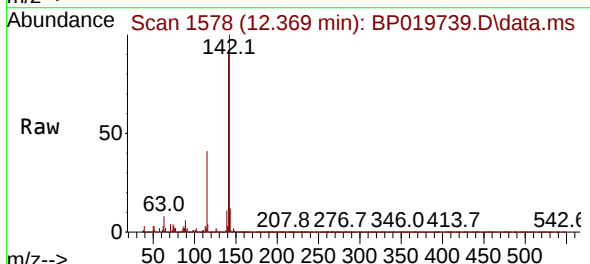
Instrument :
BNA_P
ClientSampleId :
PB159037BS

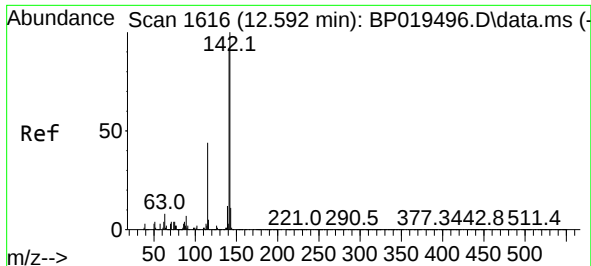
Tgt Ion:107 Resp: 197422
Ion Ratio Lower Upper
107 100
144 25.4 19.0 28.4
142 76.2 58.6 88.0



#37
2-Methylnaphthalene
Concen: 43.023 ng
RT: 12.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

Tgt Ion:142 Resp: 377134
Ion Ratio Lower Upper
142 100
141 91.6 72.2 108.4
115 41.0 34.2 51.2

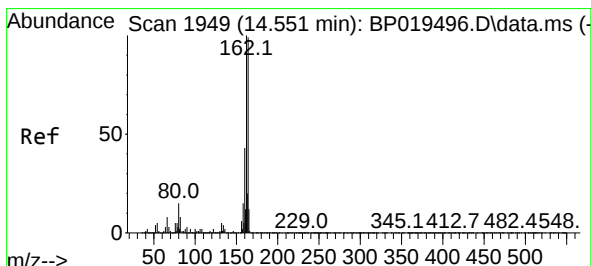
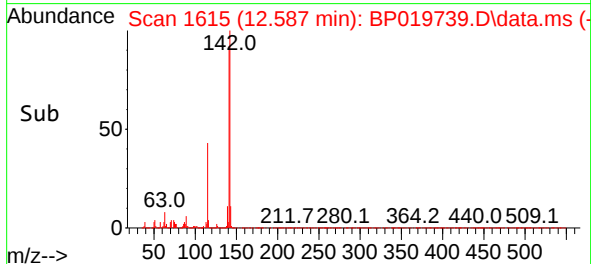
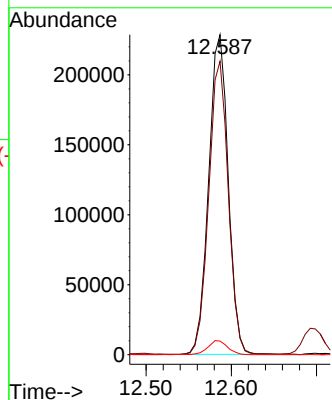
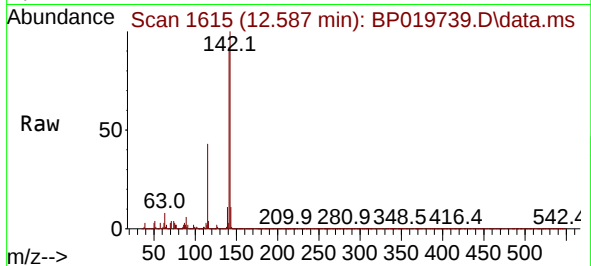




#38
1-Methylnaphthalene
Concen: 42.351 ng
RT: 12.587 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

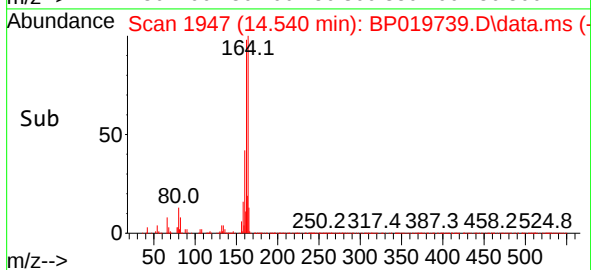
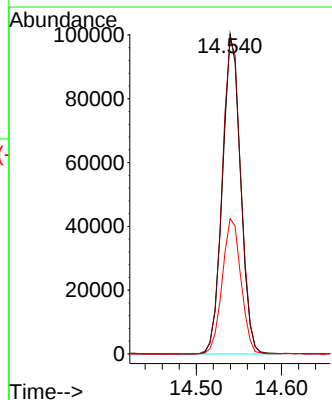
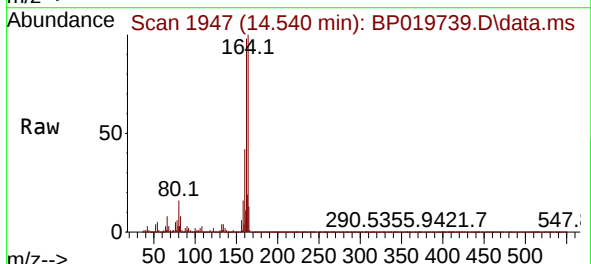
Instrument :
BNA_P
ClientSampleId :
PB159037BS

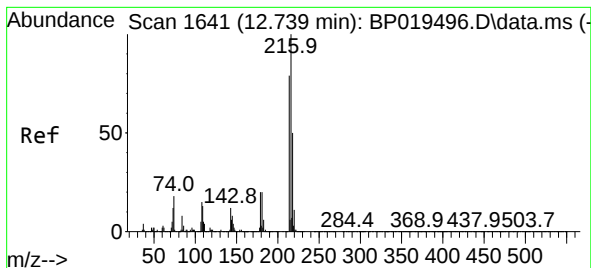
Tgt Ion:142 Resp: 364820
Ion Ratio Lower Upper
142 100
141 91.7 74.0 111.0
116 4.3 3.7 5.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.011 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

Tgt Ion:164 Resp: 147518
Ion Ratio Lower Upper
164 100
162 98.1 81.2 121.8
160 42.3 35.1 52.7

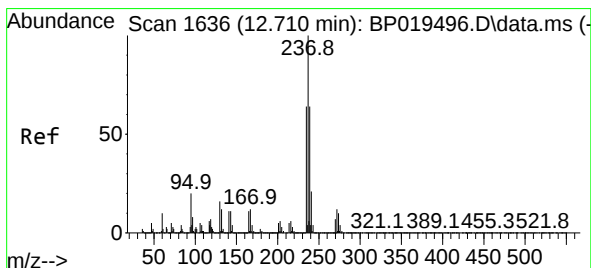
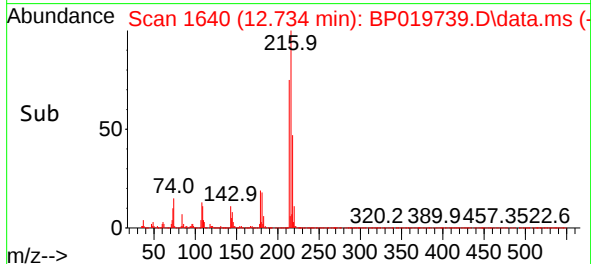
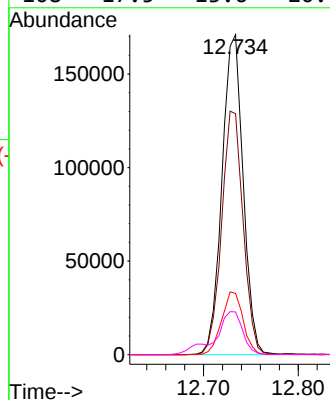
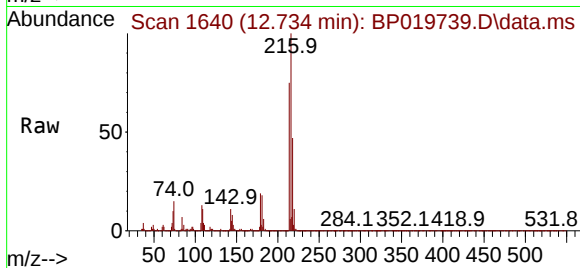




#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.696 ng
RT: 12.734 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

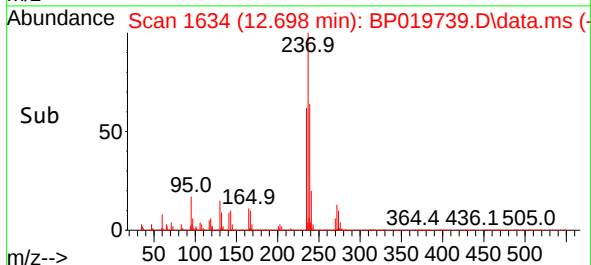
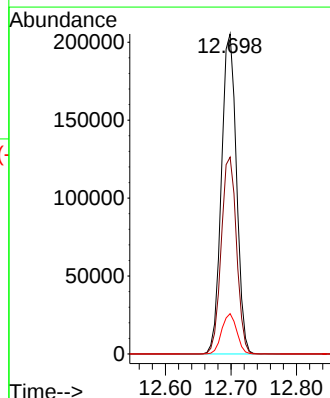
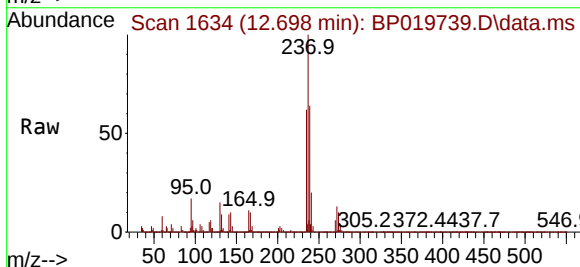
Instrument :
BNA_P
ClientSampleId :
PB159037BS

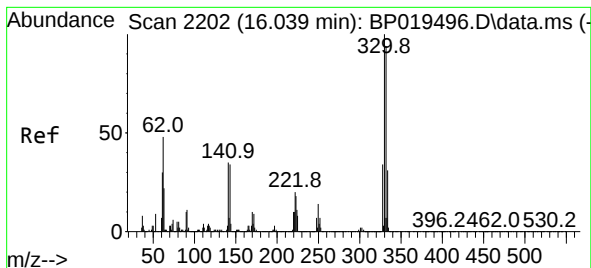
Tgt Ion:216 Resp: 265664
Ion Ratio Lower Upper
216 100
214 77.2 62.8 94.2
179 19.9 16.6 24.8
108 17.5 13.6 20.4



#41
Hexachlorocyclopentadiene
Concen: 126.607 ng
RT: 12.698 min Scan# 1634
Delta R.T. -0.011 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

Tgt Ion:237 Resp: 325393
Ion Ratio Lower Upper
237 100
235 61.5 43.7 83.7
272 12.6 0.0 32.4





#42

2,4,6-Tribromophenol

Concen: 165.745 ng

RT: 16.039 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019739.D

Acq: 16 Feb 2024 11:40

Instrument :

BNA_P

ClientSampleId :

PB159037BS

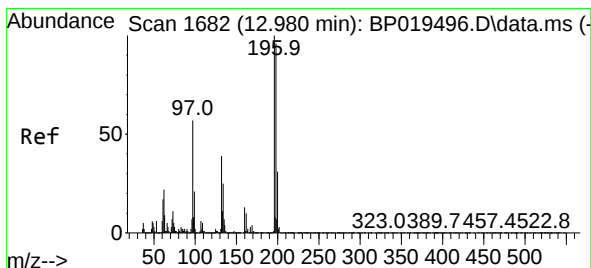
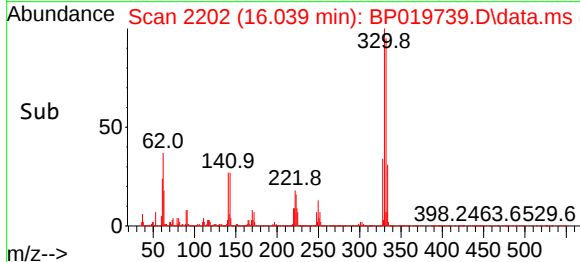
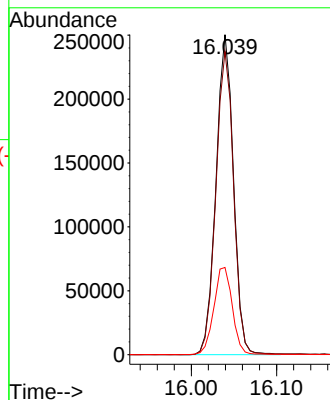
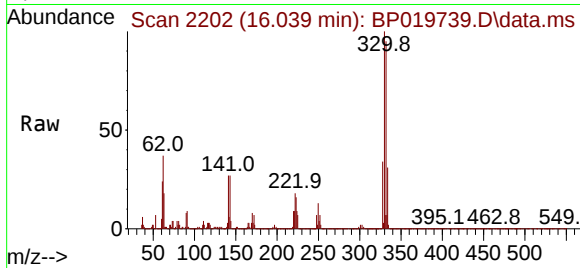
Tgt Ion:330 Resp: 356993

Ion Ratio Lower Upper

330 100

332 96.3 77.2 115.8

141 28.8 27.0 40.4



#43

2,4,6-Trichlorophenol

Concen: 48.634 ng

RT: 12.981 min Scan# 1682

Delta R.T. 0.000 min

Lab File: BP019739.D

Acq: 16 Feb 2024 11:40

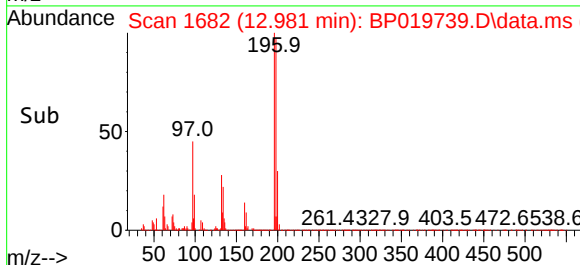
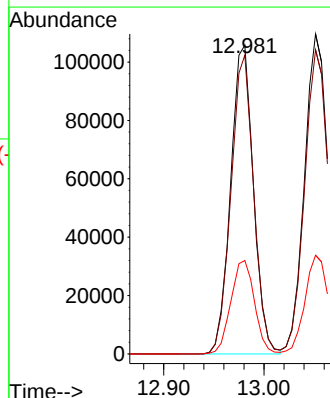
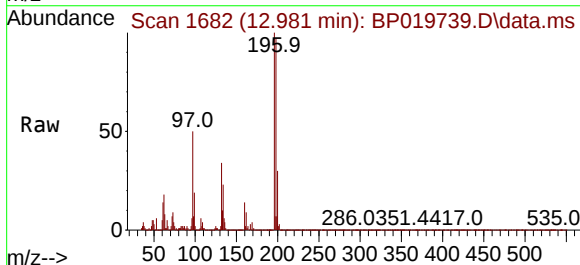
Tgt Ion:196 Resp: 167542

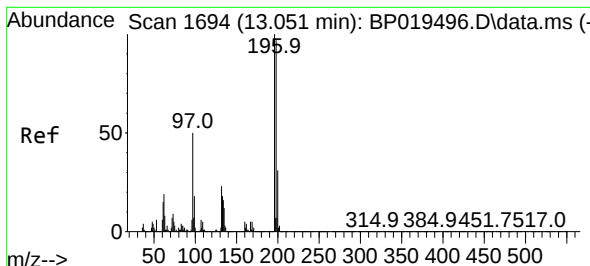
Ion Ratio Lower Upper

196 100

198 96.8 76.7 115.1

200 30.3 24.6 36.8





#44

2,4,5-Trichlorophenol

Concen: 48.347 ng

RT: 13.051 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP019739.D

Acq: 16 Feb 2024 11:40

Instrument :

BNA_P

ClientSampleId :

PB159037BS

Tgt Ion:196 Resp: 182888

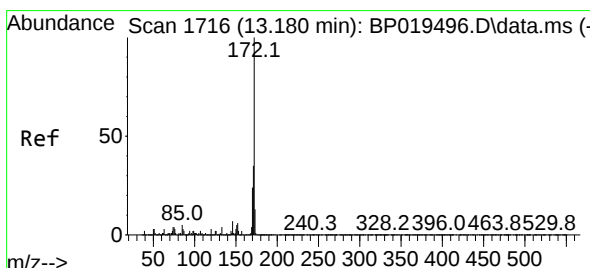
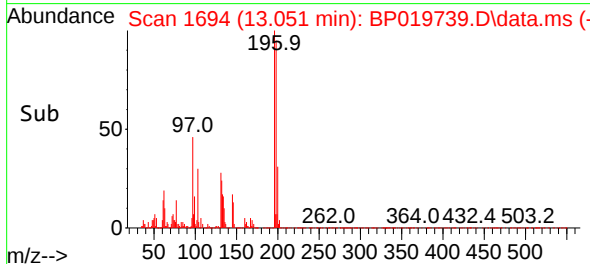
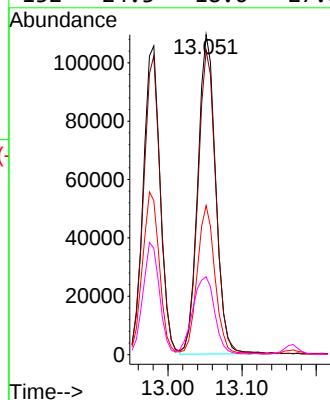
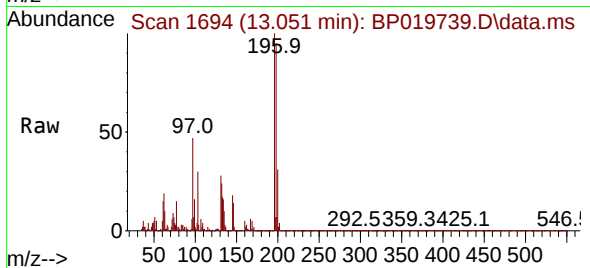
Ion Ratio Lower Upper

196 100

198 95.1 77.5 116.3

97 46.6 39.9 59.9

132 24.3 18.6 27.8



#45

2-Fluorobiphenyl

Concen: 85.348 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.011 min

Lab File: BP019739.D

Acq: 16 Feb 2024 11:40

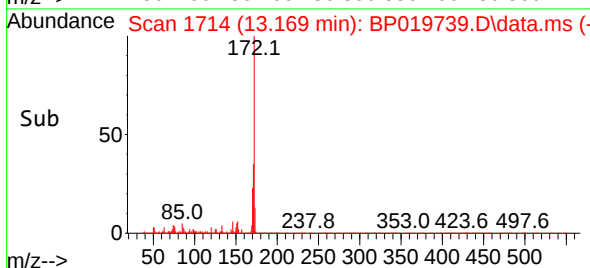
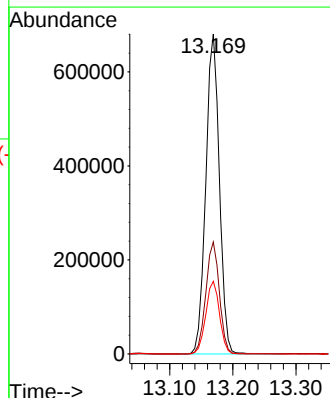
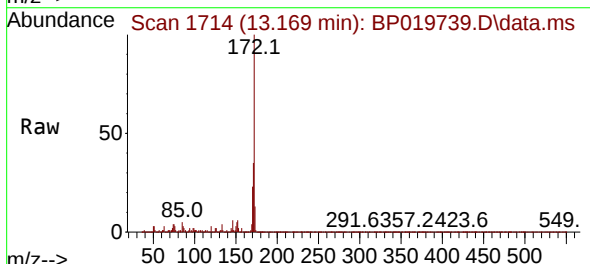
Tgt Ion:172 Resp: 1018446

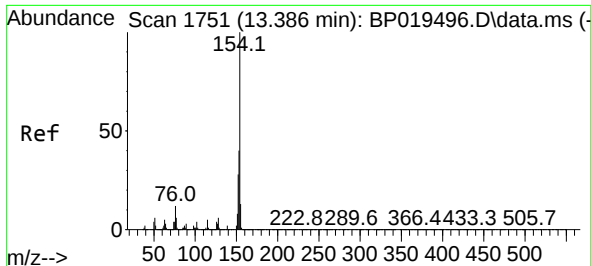
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 22.7 18.9 28.3

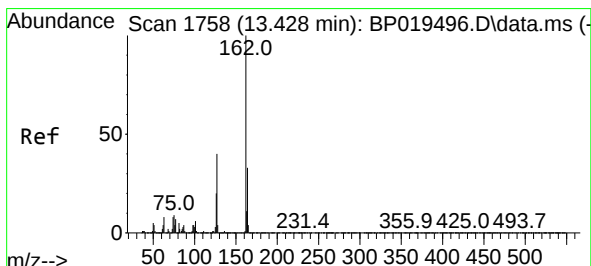
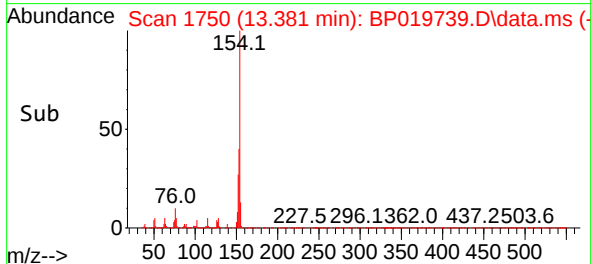
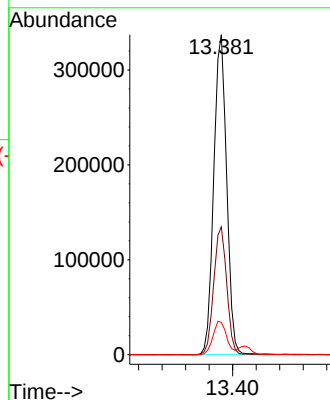
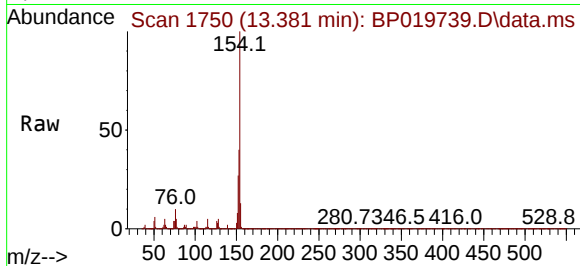




#46
1,1'-Biphenyl
Concen: 43.652 ng
RT: 13.381 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

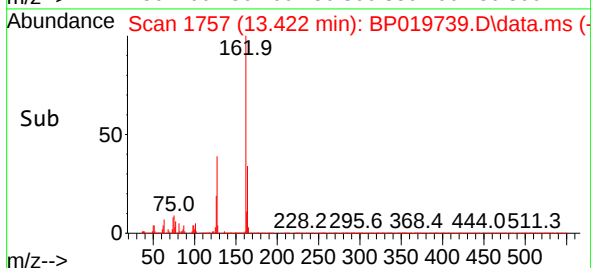
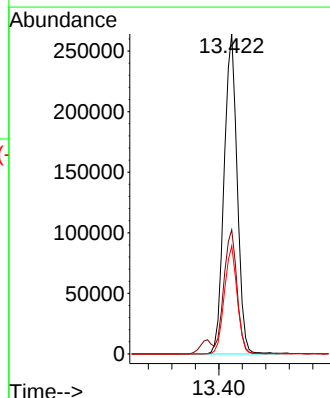
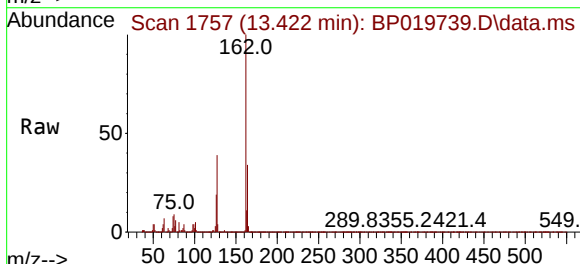
Instrument :
BNA_P
ClientSampleId :
PB159037BS

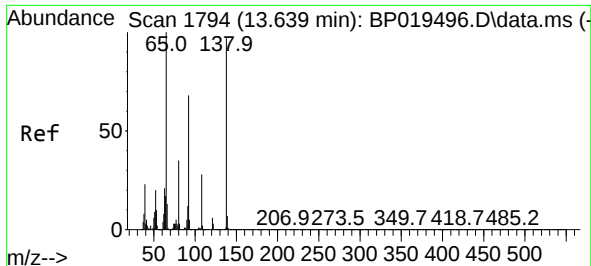
Tgt Ion:154 Resp: 513959
Ion Ratio Lower Upper
154 100
153 40.0 20.2 60.2
76 10.1 0.0 31.6



#47
2-Chloronaphthalene
Concen: 42.329 ng
RT: 13.422 min Scan# 1757
Delta R.T. -0.006 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

Tgt Ion:162 Resp: 409115
Ion Ratio Lower Upper
162 100
127 38.8 32.1 48.1
164 33.8 26.7 40.1

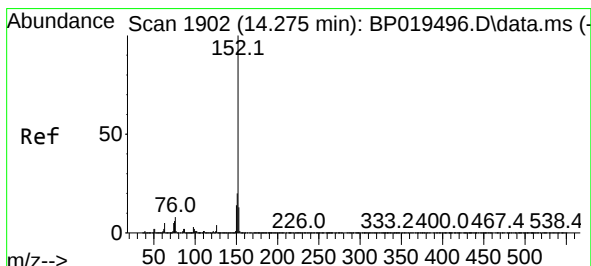
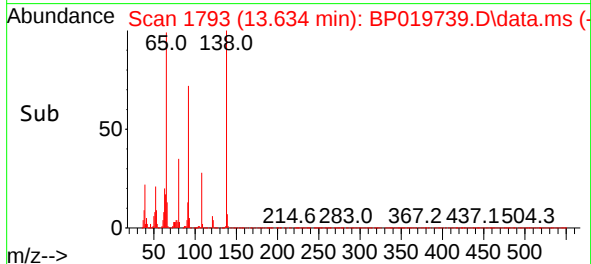
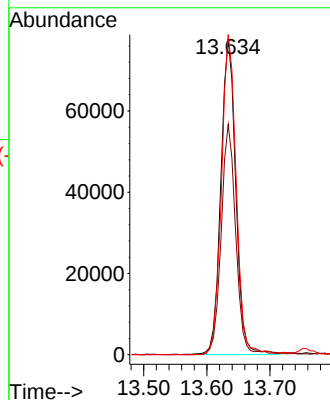
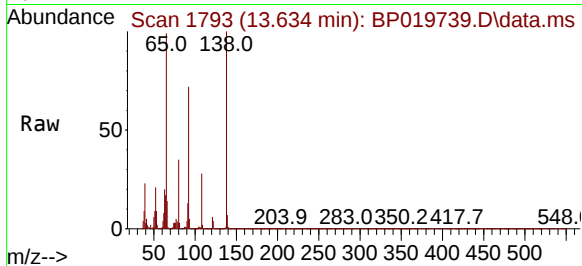




#48
2-Nitroaniline
Concen: 47.106 ng
RT: 13.634 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

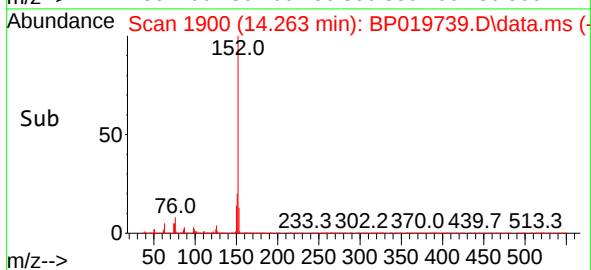
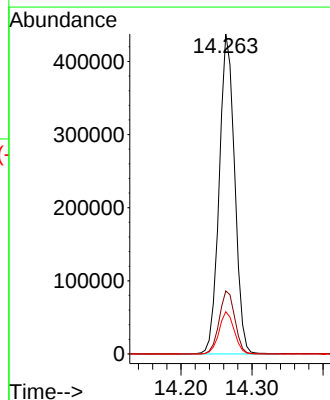
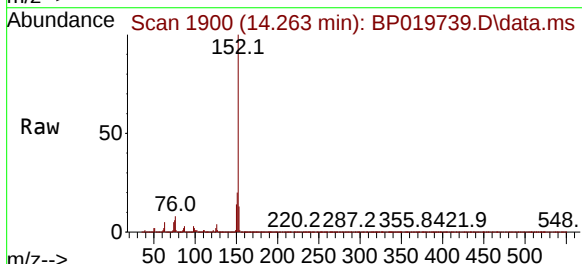
Instrument :
BNA_P
ClientSampleId :
PB159037BS

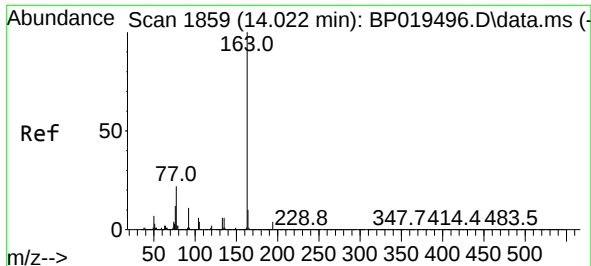
Tgt Ion: 65 Resp: 127307
Ion Ratio Lower Upper
65 100
92 72.9 54.7 82.1
138 101.3 77.8 116.6



#49
Acenaphthylene
Concen: 48.602 ng
RT: 14.263 min Scan# 1900
Delta R.T. -0.011 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

Tgt Ion: 152 Resp: 659029
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.6
153 13.2 10.6 15.8

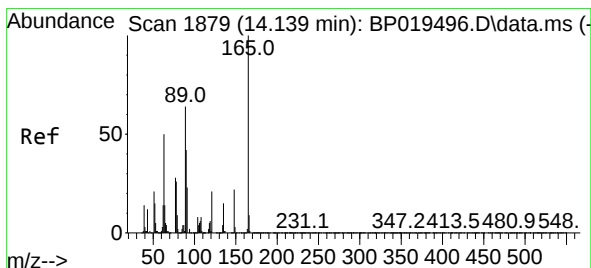
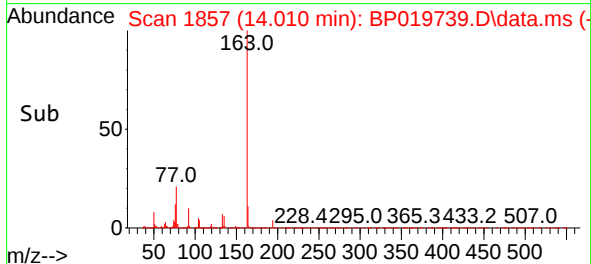
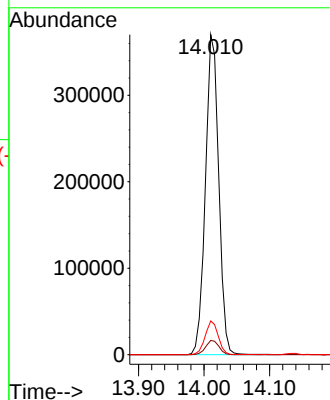
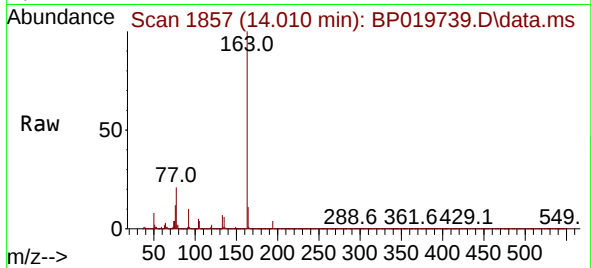




#50
Dimethylphthalate
Concen: 46.304 ng
RT: 14.010 min Scan# 1857
Delta R.T. -0.011 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

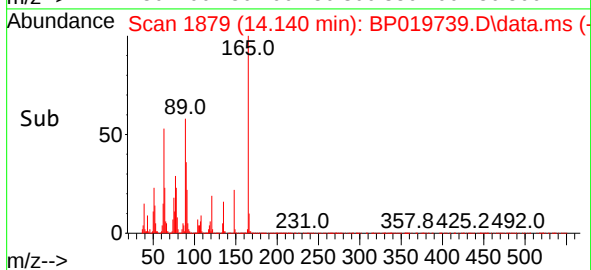
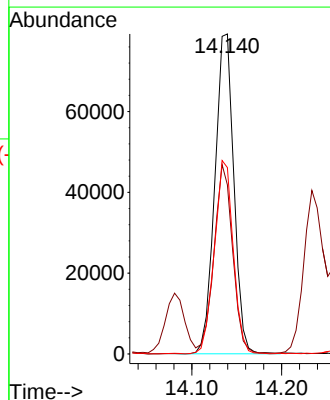
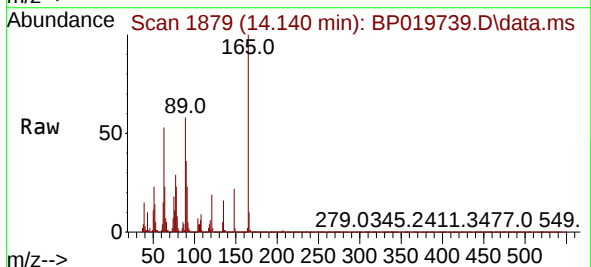
Instrument :
BNA_P
ClientSampleId :
PB159037BS

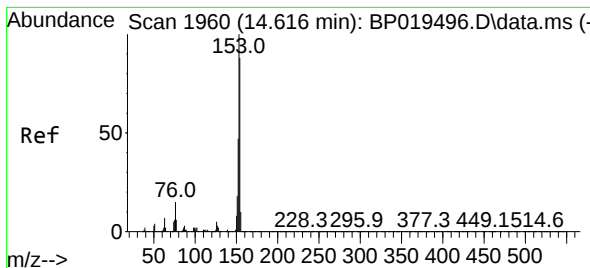
Tgt Ion:163 Resp: 522905
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 10.5 7.8 11.6



#51
2,6-Dinitrotoluene
Concen: 46.905 ng
RT: 14.140 min Scan# 1879
Delta R.T. 0.000 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

Tgt Ion:165 Resp: 116378
Ion Ratio Lower Upper
165 100
63 52.9 50.4 75.6
89 58.3 51.7 77.5





#52

Acenaphthene

Concen: 44.156 ng

RT: 14.604 min Scan# 1958

Delta R.T. -0.011 min

Lab File: BP019739.D

Acq: 16 Feb 2024 11:40

Instrument :

BNA_P

ClientSampleId :

PB159037BS

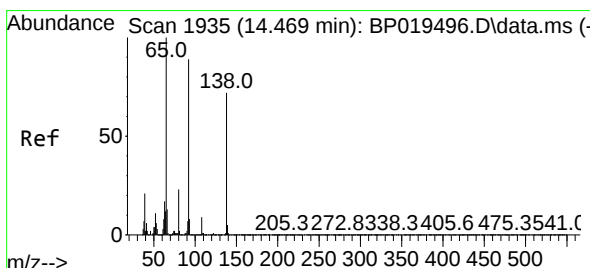
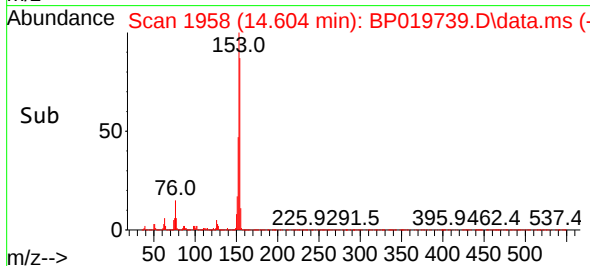
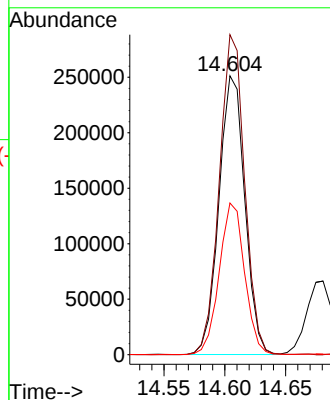
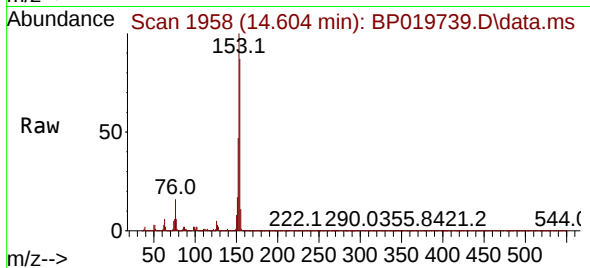
Tgt Ion:154 Resp: 371610

Ion Ratio Lower Upper

154 100

153 114.7 90.5 135.7

152 54.4 42.1 63.1



#53

3-Nitroaniline

Concen: 34.516 ng

RT: 14.463 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BP019739.D

Acq: 16 Feb 2024 11:40

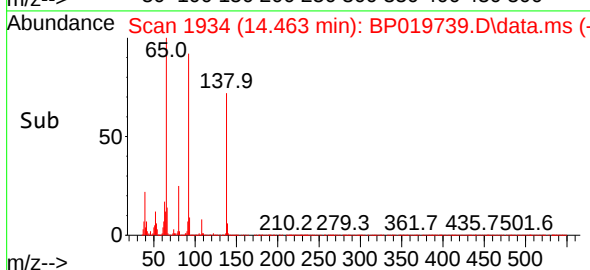
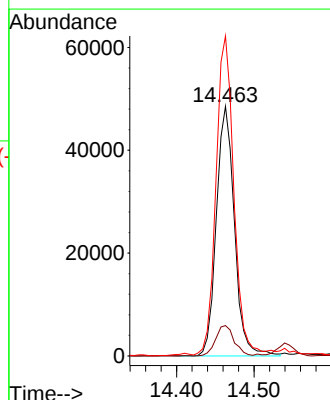
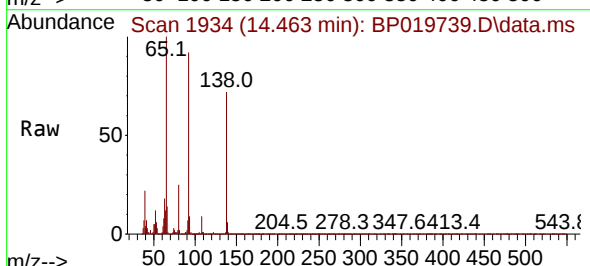
Tgt Ion:138 Resp: 78703

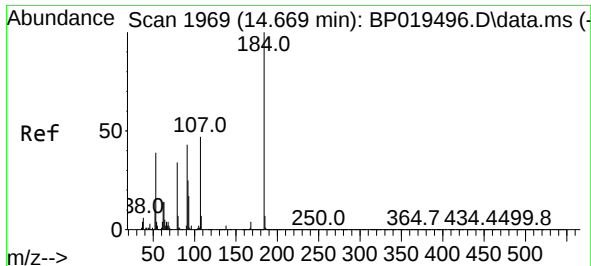
Ion Ratio Lower Upper

138 100

108 12.2 9.7 14.5

92 128.2 98.0 147.0

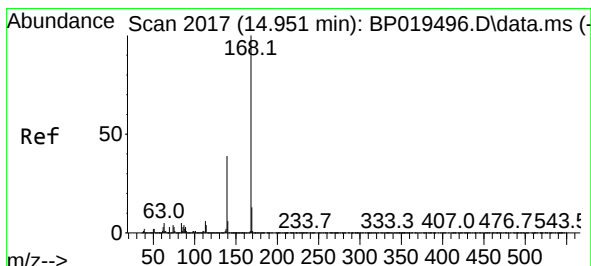
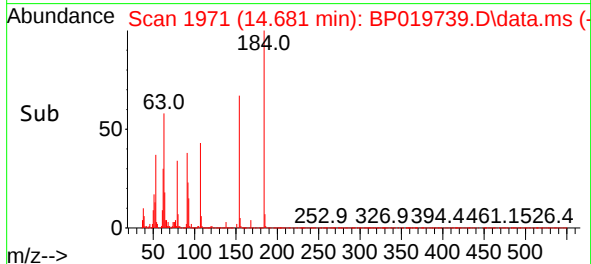
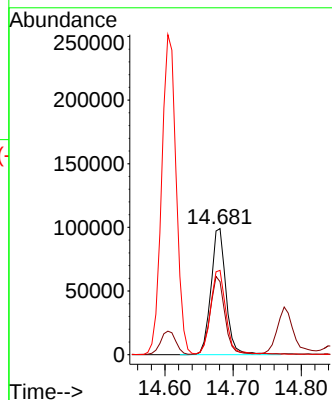
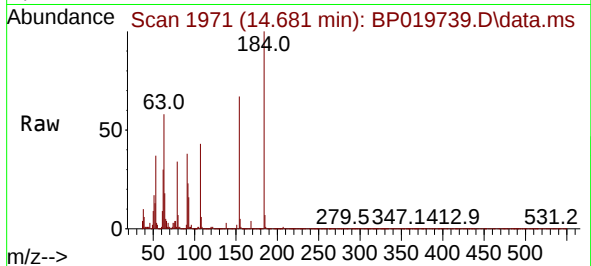




#54
2,4-Dinitrophenol
Concen: 118.158 ng
RT: 14.681 min Scan# 1969
Delta R.T. 0.012 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

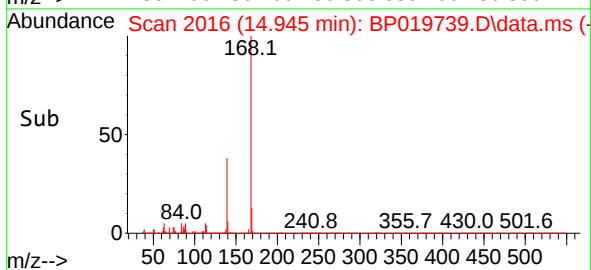
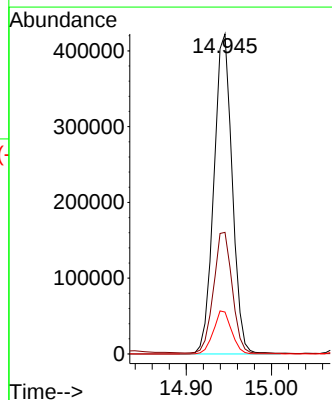
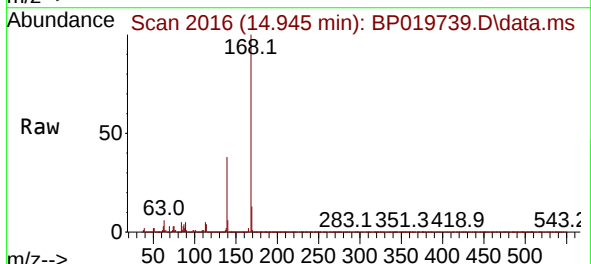
Instrument :
BNA_P
ClientSampleId :
PB159037BS

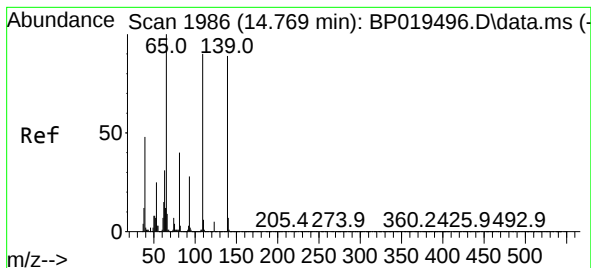
Tgt Ion:184 Resp: 152215
Ion Ratio Lower Upper
184 100
63 57.8 50.5 75.7
154 66.9 53.4 80.0



#55
Dibenzofuran
Concen: 46.084 ng
RT: 14.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

Tgt Ion:168 Resp: 631674
Ion Ratio Lower Upper
168 100
139 38.0 31.5 47.3
169 13.1 10.3 15.5

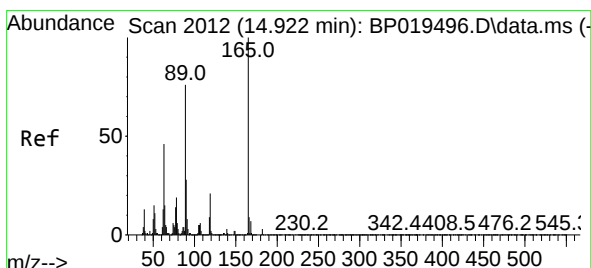
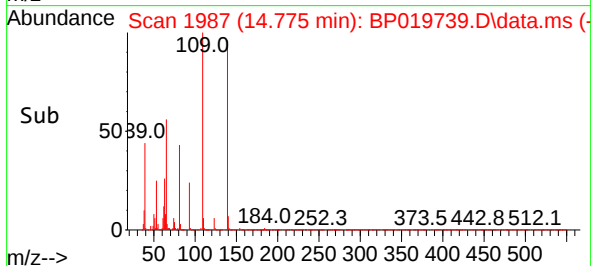
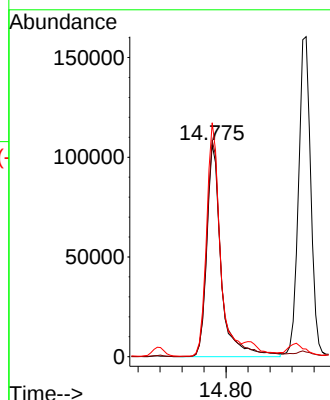
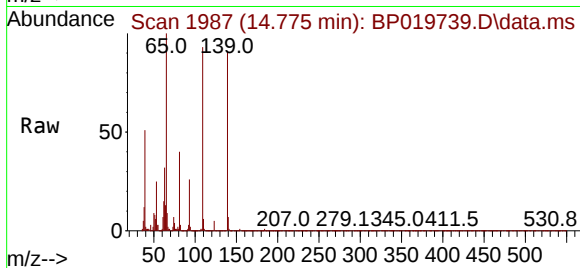




#56
4-Nitrophenol
Concen: 102.713 ng
RT: 14.775 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

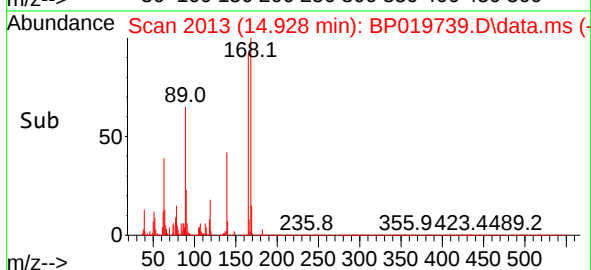
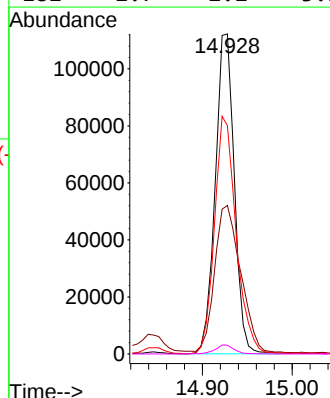
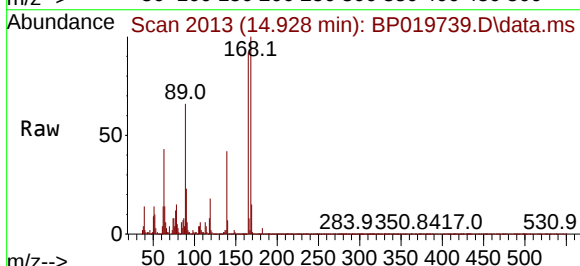
Instrument :
BNA_P
ClientSampleId :
PB159037BS

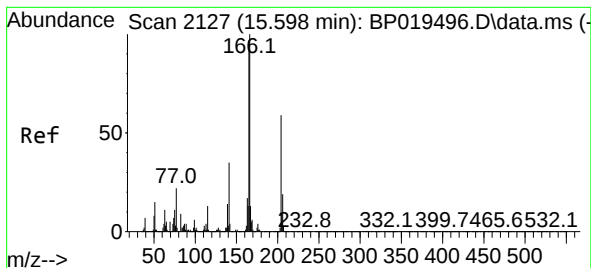
Tgt Ion:139 Resp: 191962
Ion Ratio Lower Upper
139 100
109 102.2 82.0 122.0
65 110.4 92.9 132.9



#57
2,4-Dinitrotoluene
Concen: 50.912 ng
RT: 14.928 min Scan# 2013
Delta R.T. 0.006 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

Tgt Ion:165 Resp: 165534
Ion Ratio Lower Upper
165 100
63 46.4 36.9 55.3
89 71.4 61.1 91.7
182 2.7 2.2 3.2





#58

Fluorene

Concen: 47.038 ng

RT: 15.592 min Scan# 2127

Delta R.T. -0.006 min

Lab File: BP019739.D

Acq: 16 Feb 2024 11:40

Instrument :

BNA_P

ClientSampleId :

PB159037BS

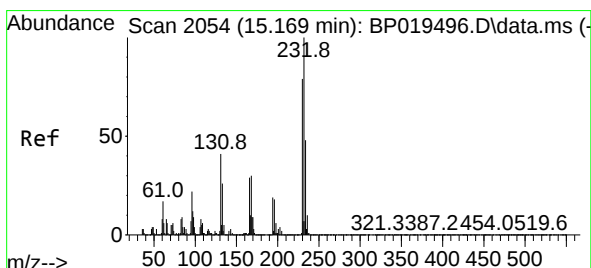
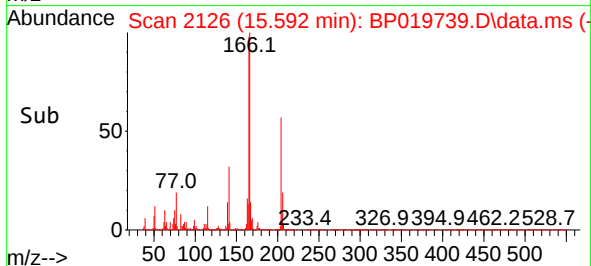
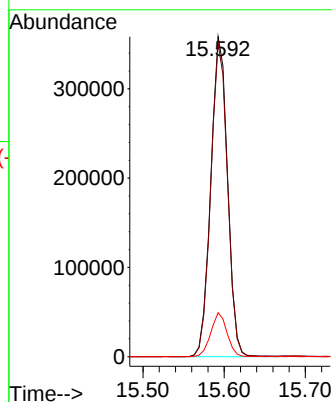
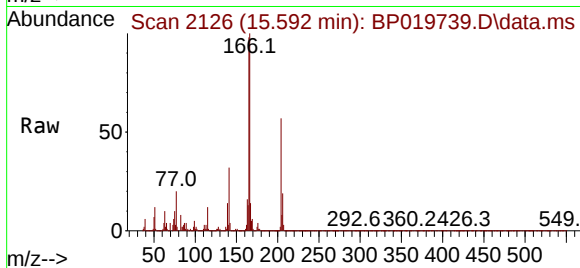
Tgt Ion:166 Resp: 513519

Ion Ratio Lower Upper

166 100

165 97.9 77.8 116.8

167 13.8 10.7 16.1



#59

2,3,4,6-Tetrachlorophenol

Concen: 54.772 ng

RT: 15.169 min Scan# 2054

Delta R.T. 0.000 min

Lab File: BP019739.D

Acq: 16 Feb 2024 11:40

Tgt Ion:232 Resp: 174279

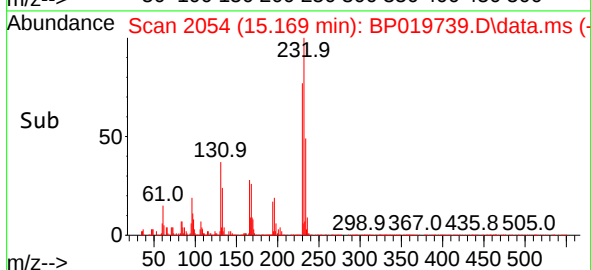
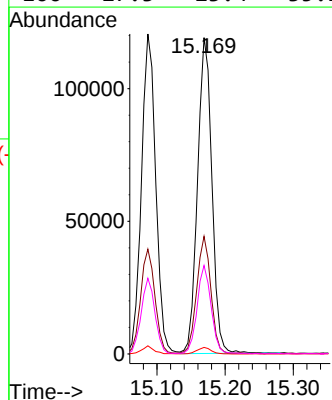
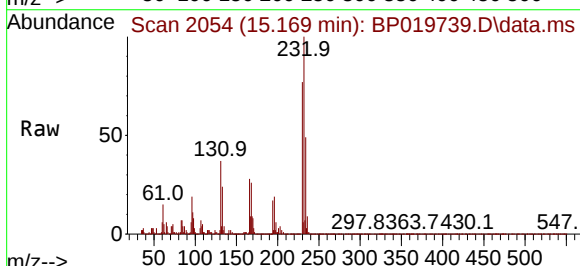
Ion Ratio Lower Upper

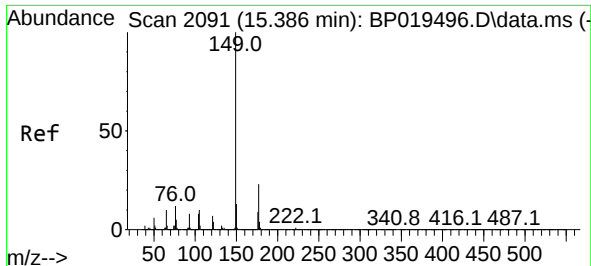
232 100

131 36.2 32.4 48.6

130 2.1 1.9 2.9

166 27.3 23.4 35.2

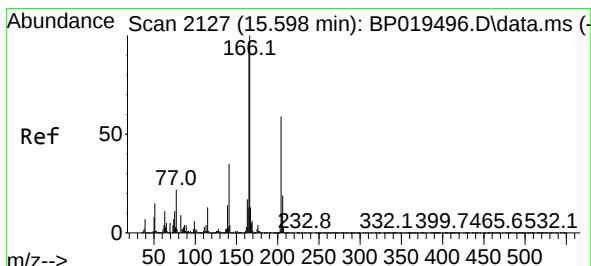
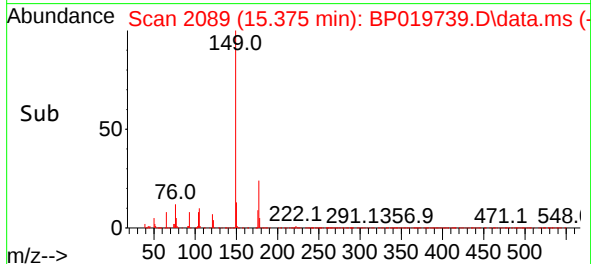
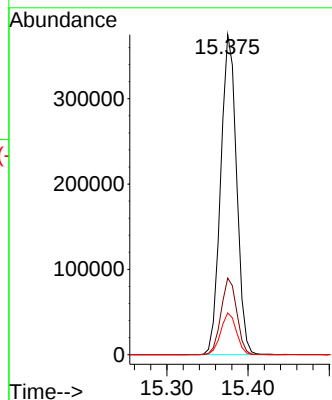
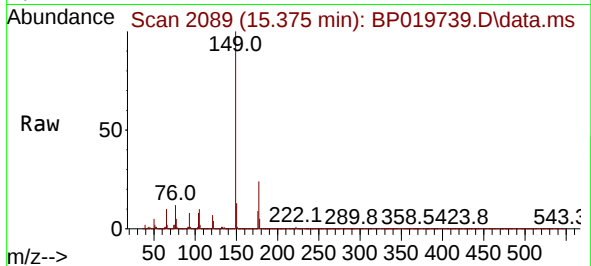




#60
Diethylphthalate
Concen: 45.539 ng
RT: 15.375 min Scan# 2091
Delta R.T. -0.011 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

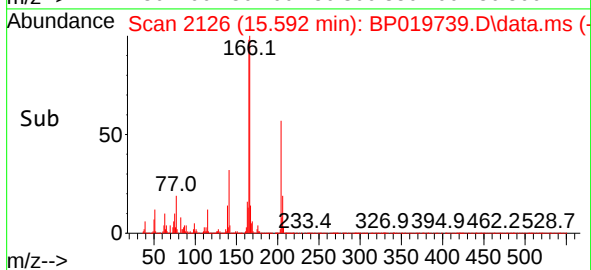
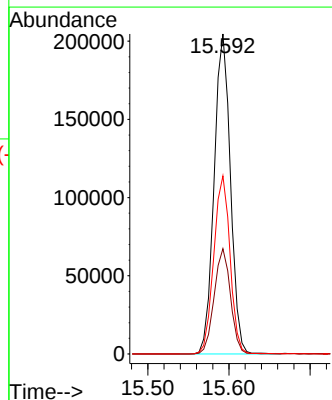
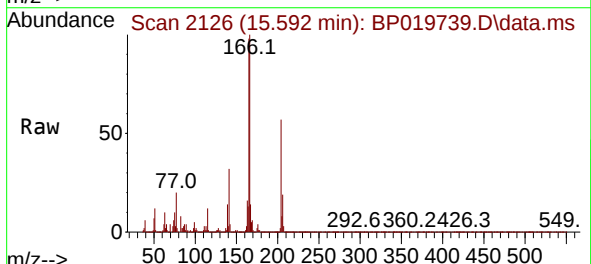
Instrument :
BNA_P
ClientSampleId :
PB159037BS

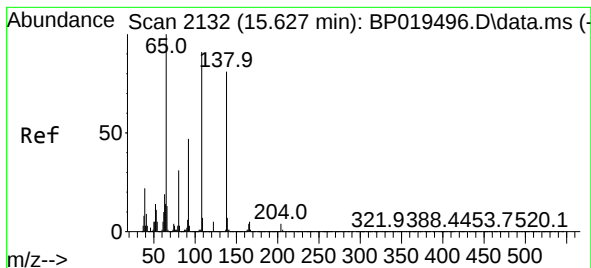
Tgt Ion:149 Resp: 511524
Ion Ratio Lower Upper
149 100
177 24.0 18.2 27.2
150 13.1 10.2 15.4



#61
4-Chlorophenyl-phenylether
Concen: 46.493 ng
RT: 15.592 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

Tgt Ion:204 Resp: 285283
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 55.6 48.5 72.7

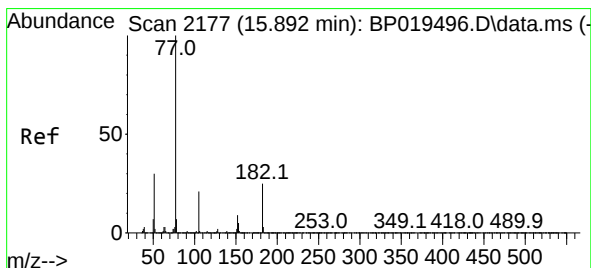
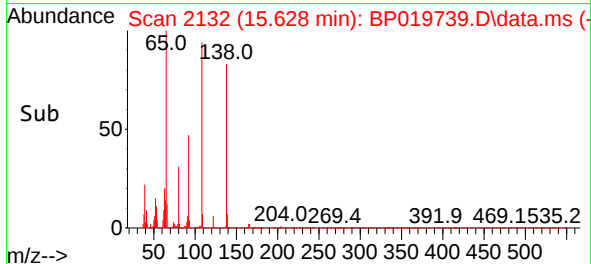
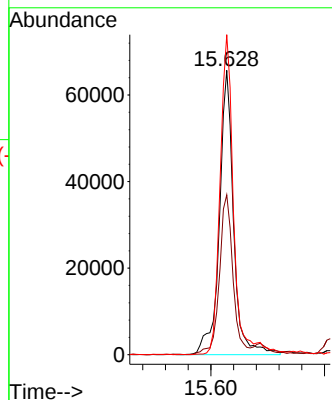
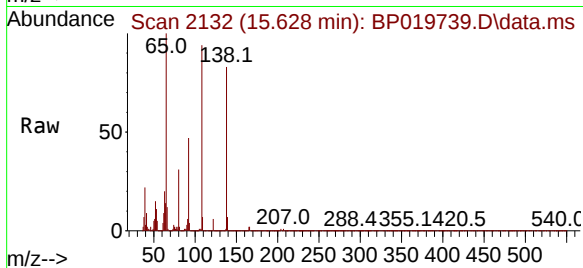




#62
4-Nitroaniline
Concen: 47.868 ng
RT: 15.628 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

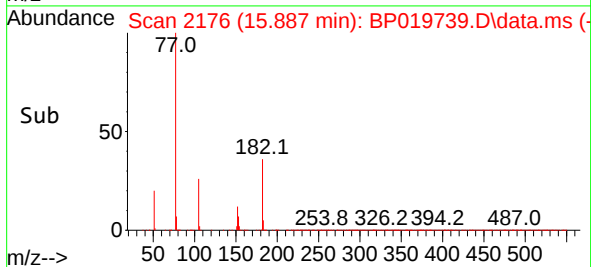
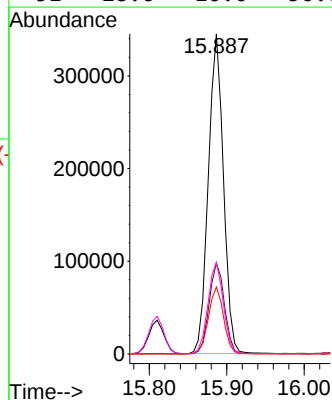
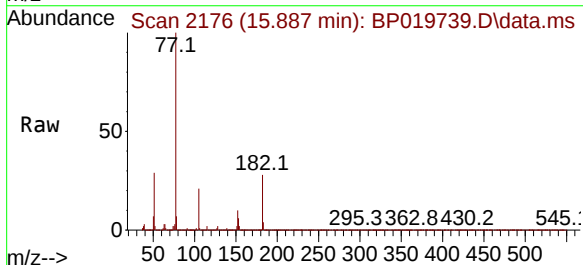
Instrument :
BNA_P
ClientSampleId :
PB159037BS

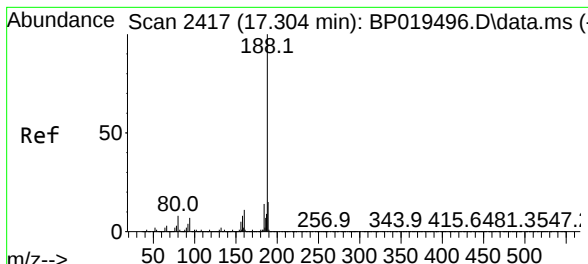
Tgt Ion:138 Resp: 114406
Ion Ratio Lower Upper
138 100
92 56.2 38.3 78.3
108 112.6 91.2 131.2



#63
Azobenzene
Concen: 42.952 ng
RT: 15.887 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

Tgt Ion: 77 Resp: 466542
Ion Ratio Lower Upper
77 100
182 28.3 5.1 45.1
105 20.9 0.8 40.8
51 28.6 10.0 50.0

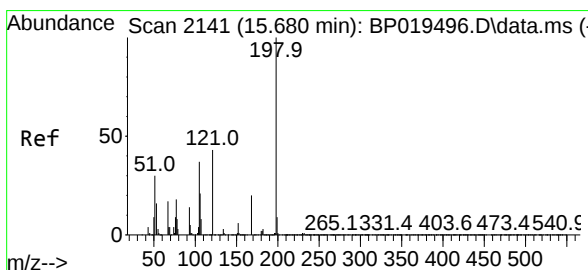
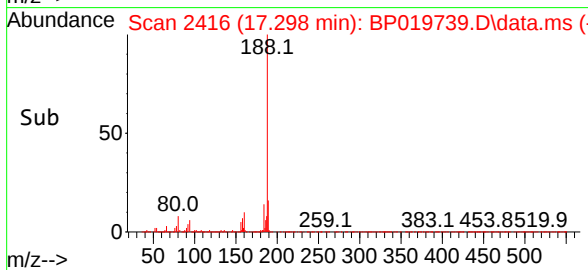
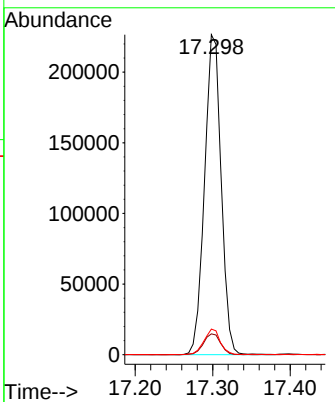
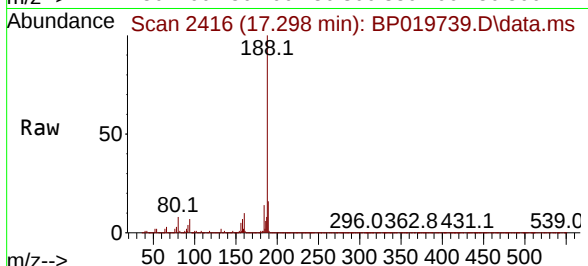




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.298 min Scan# 2416
 Delta R.T. -0.006 min
 Lab File: BP019739.D
 Acq: 16 Feb 2024 11:40

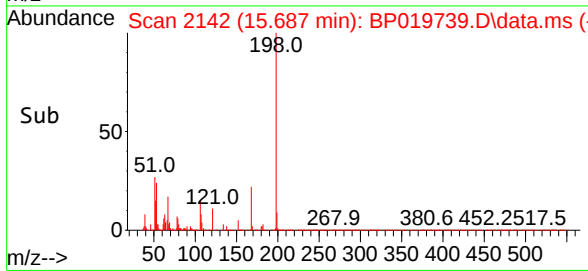
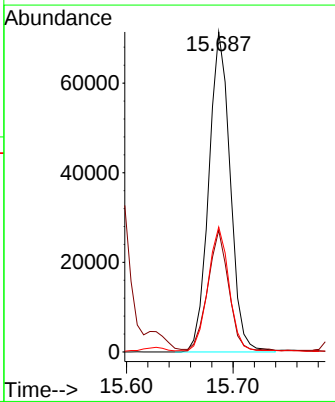
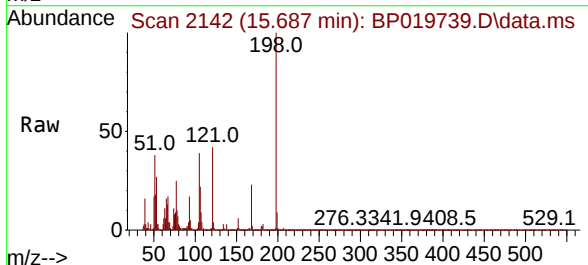
Instrument :
 BNA_P
 ClientSampleId :
 PB159037BS

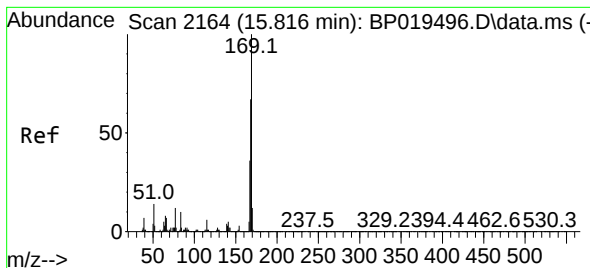
Tgt Ion:	188	Resp:	337083
Ion Ratio	100	Lower	Upper
188	100		
94	6.5	5.4	8.2
80	8.0	6.3	9.5



#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.732 ng
 RT: 15.687 min Scan# 2142
 Delta R.T. 0.006 min
 Lab File: BP019739.D
 Acq: 16 Feb 2024 11:40

Tgt Ion:	198	Resp:	99433
Ion Ratio	100	Lower	Upper
198	100		
51	38.0	21.2	61.2
105	39.0	19.1	59.1





#66

n-Nitrosodiphenylamine

Concen: 43.866 ng

RT: 15.810 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019739.D

Acq: 16 Feb 2024 11:40

Instrument :

BNA_P

ClientSampleId :

PB159037BS

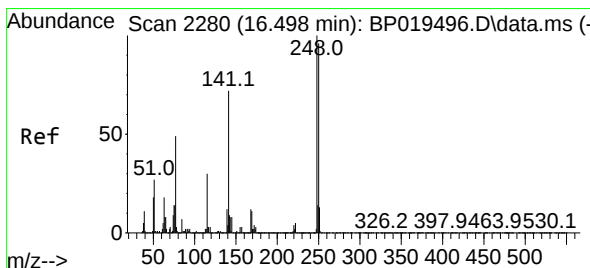
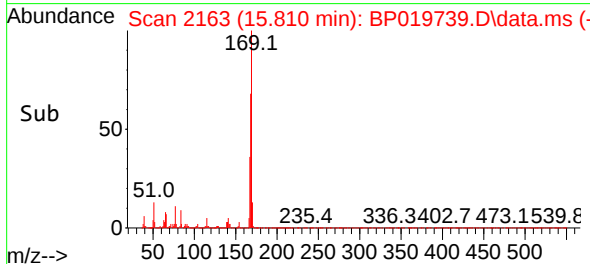
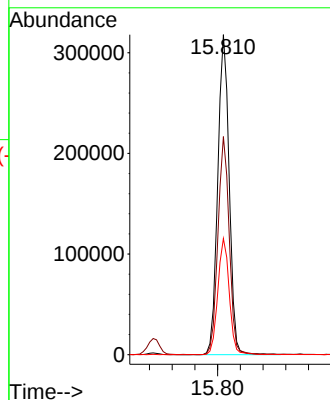
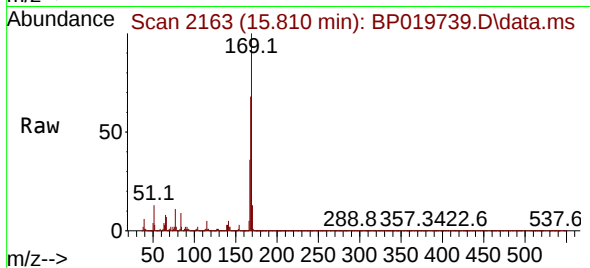
Tgt Ion:169 Resp: 442839

Ion Ratio Lower Upper

169 100

168 68.2 53.4 80.2

167 36.3 28.9 43.3



#67

4-Bromophenyl-phenylether

Concen: 45.187 ng

RT: 16.492 min Scan# 2279

Delta R.T. -0.006 min

Lab File: BP019739.D

Acq: 16 Feb 2024 11:40

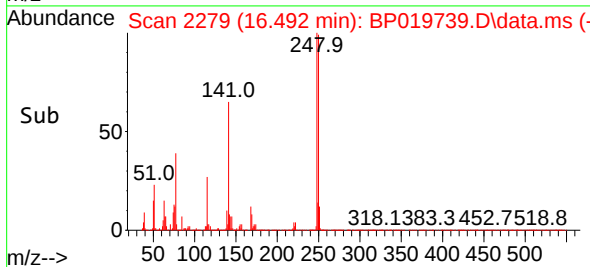
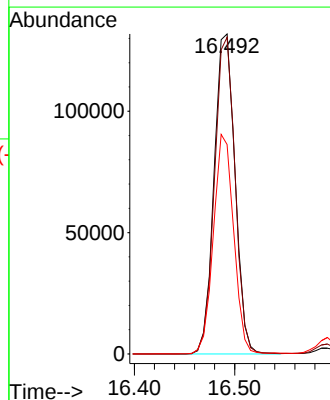
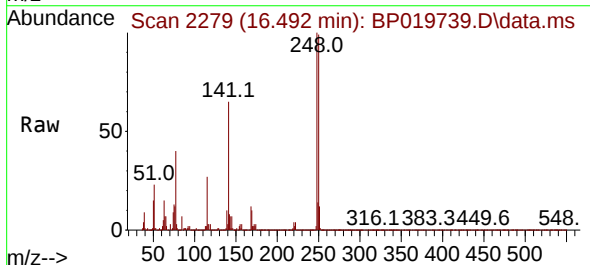
Tgt Ion:248 Resp: 190414

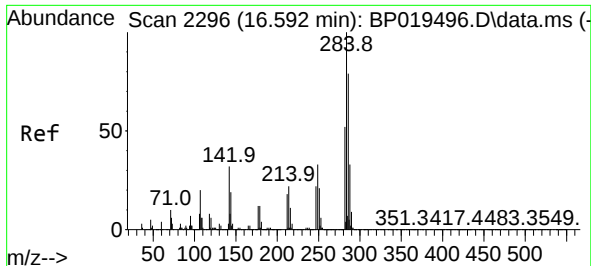
Ion Ratio Lower Upper

248 100

250 99.0 76.9 115.3

141 65.4 58.0 87.0

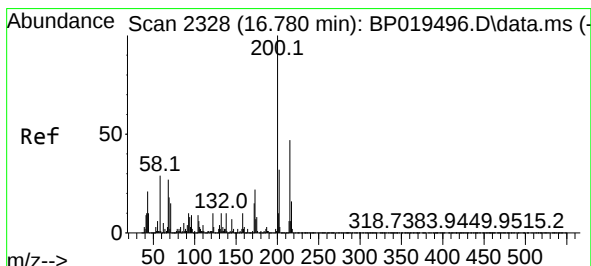
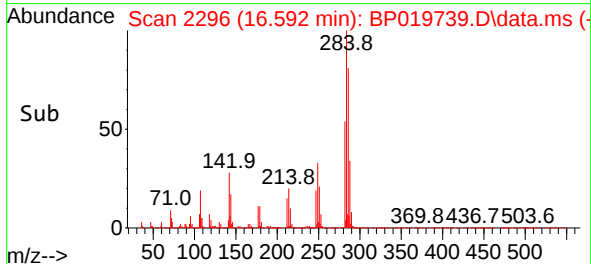
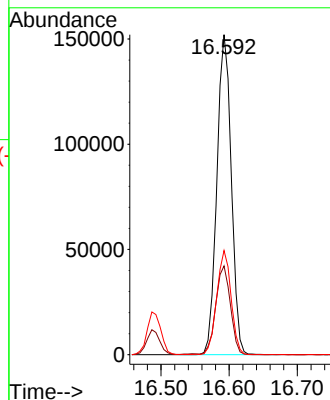
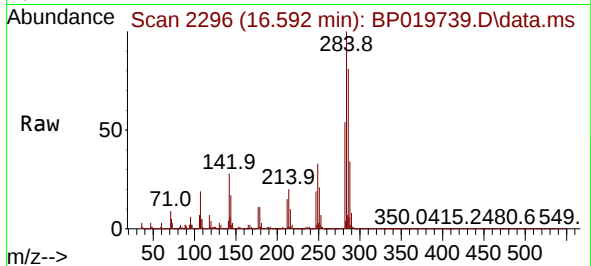




#68
Hexachlorobenzene
Concen: 45.395 ng
RT: 16.592 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

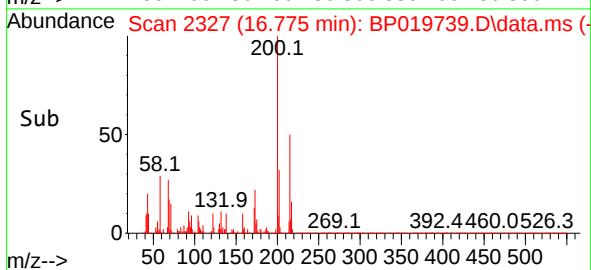
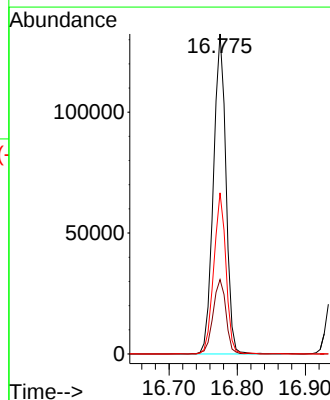
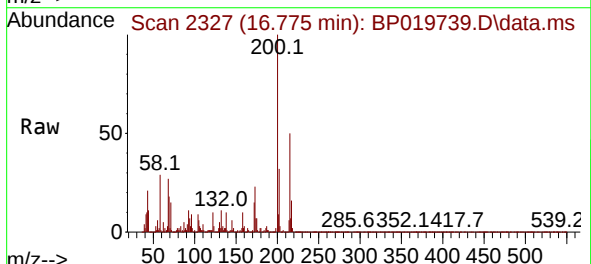
Instrument :
BNA_P
ClientSampleId :
PB159037BS

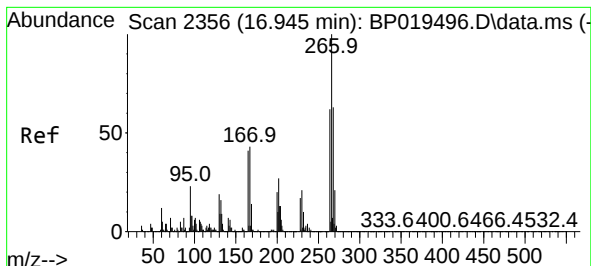
Tgt Ion:284 Resp: 223385
Ion Ratio Lower Upper
284 100
142 27.7 25.4 38.2
249 32.5 26.5 39.7



#69
Atrazine
Concen: 50.548 ng
RT: 16.775 min Scan# 2327
Delta R.T. -0.006 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

Tgt Ion:200 Resp: 169333
Ion Ratio Lower Upper
200 100
173 23.3 1.7 41.7
215 50.3 26.9 66.9





#70

Pentachlorophenol

Concen: 101.394 ng

RT: 16.945 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019739.D

Acq: 16 Feb 2024 11:40

Instrument :

BNA_P

ClientSampleId :

PB159037BS

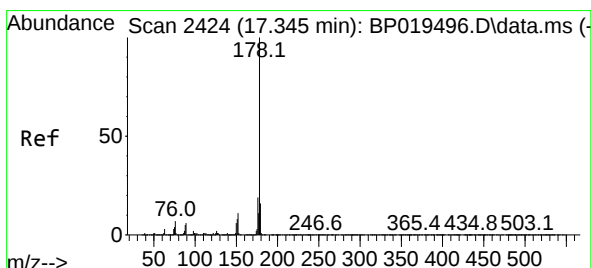
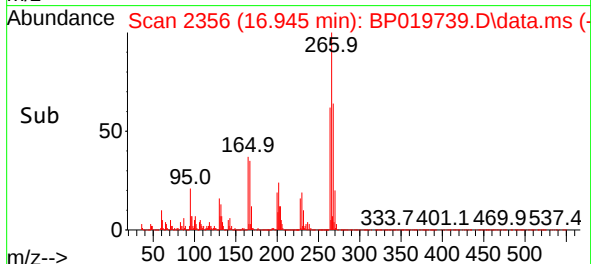
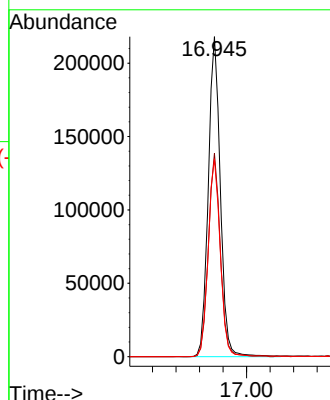
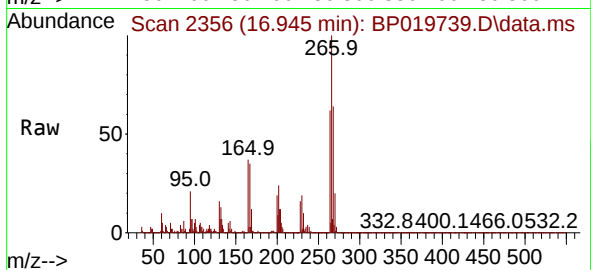
Tgt Ion:266 Resp: 310719

Ion Ratio Lower Upper

266 100

268 63.5 50.3 75.5

264 61.9 49.7 74.5



#71

Phenanthrene

Concen: 46.654 ng

RT: 17.339 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BP019739.D

Acq: 16 Feb 2024 11:40

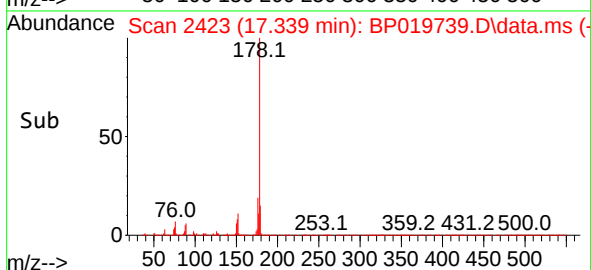
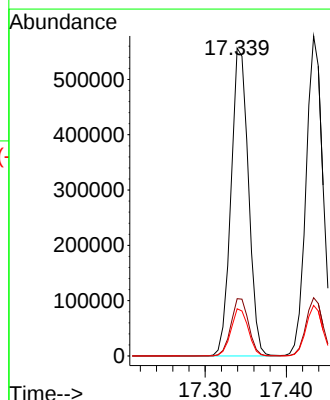
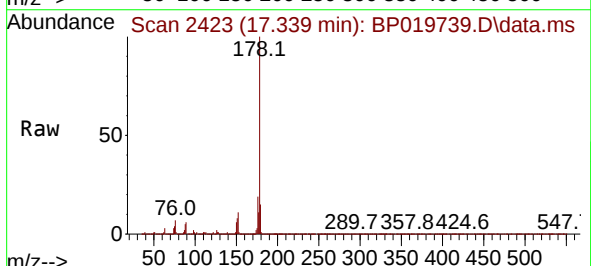
Tgt Ion:178 Resp: 827616

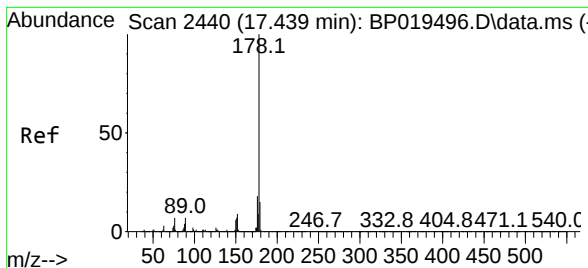
Ion Ratio Lower Upper

178 100

176 18.6 15.5 23.3

179 15.4 12.6 19.0





#72

Anthracene

Concen: 47.143 ng

RT: 17.434 min Scan# 2440

Delta R.T. -0.006 min

Lab File: BP019739.D

Acq: 16 Feb 2024 11:40

Instrument :

BNA_P

ClientSampleId :

PB159037BS

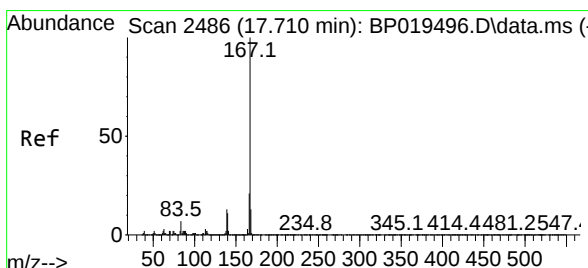
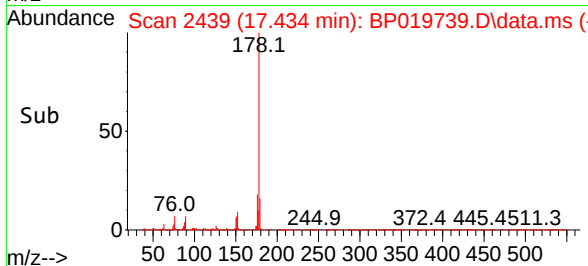
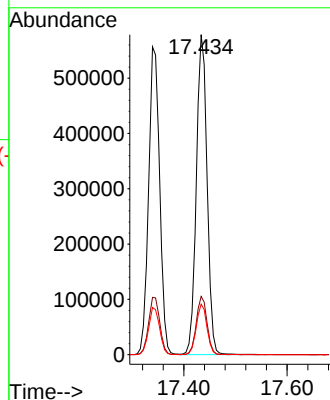
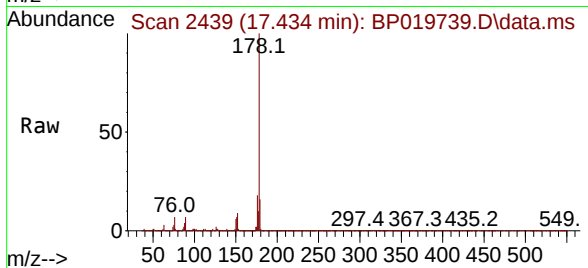
Tgt Ion:178 Resp: 834254

Ion Ratio Lower Upper

178 100

176 18.2 14.7 22.1

179 15.8 12.2 18.2



#73

Carbazole

Concen: 47.381 ng

RT: 17.710 min Scan# 2486

Delta R.T. 0.000 min

Lab File: BP019739.D

Acq: 16 Feb 2024 11:40

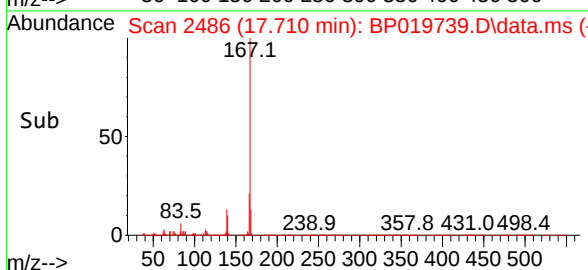
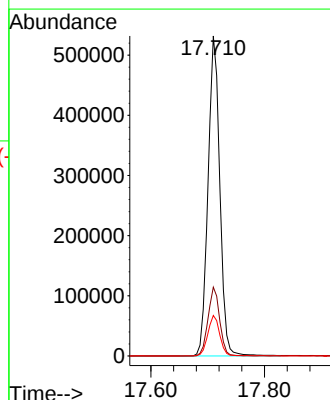
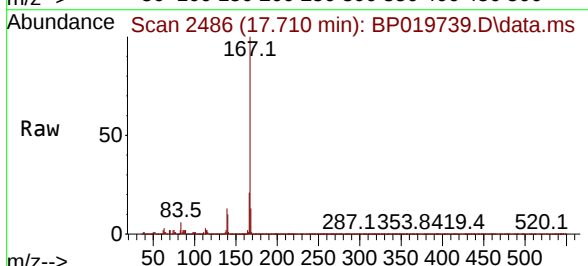
Tgt Ion:167 Resp: 761710

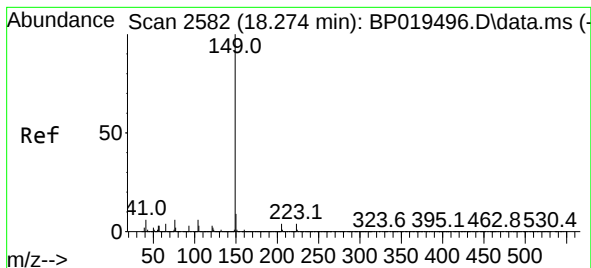
Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

139 12.6 10.6 15.8





#74

Di-n-butylphthalate

Concen: 43.112 ng

RT: 18.269 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019739.D

Acq: 16 Feb 2024 11:40

Instrument :

BNA_P

ClientSampleId :

PB159037BS

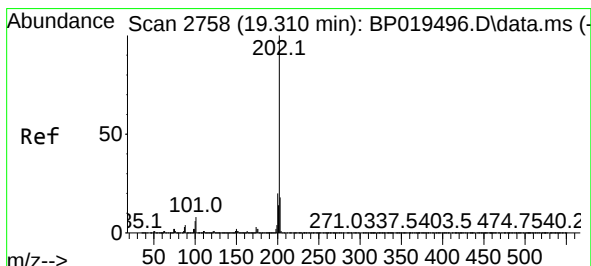
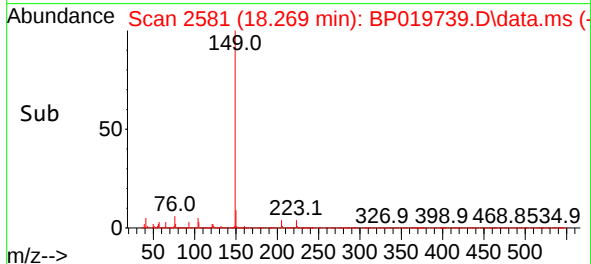
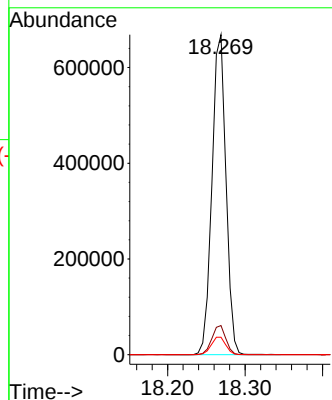
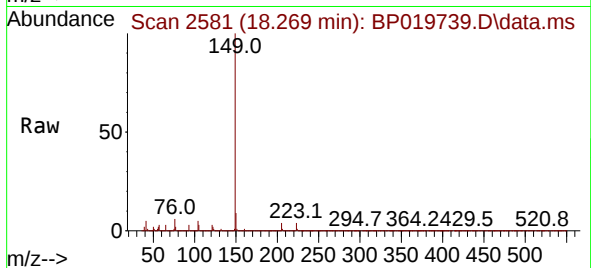
Tgt Ion:149 Resp: 838006

Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 5.5 4.8 7.2



#75

Fluoranthene

Concen: 46.841 ng

RT: 19.310 min Scan# 2758

Delta R.T. 0.000 min

Lab File: BP019739.D

Acq: 16 Feb 2024 11:40

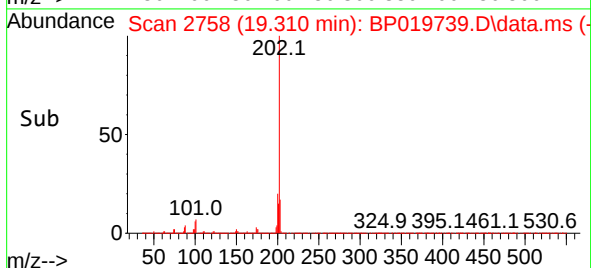
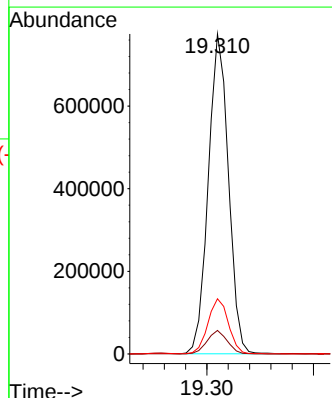
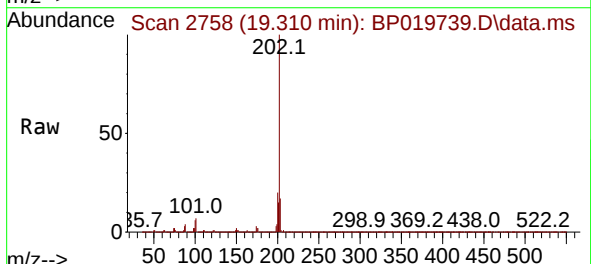
Tgt Ion:202 Resp: 1015088

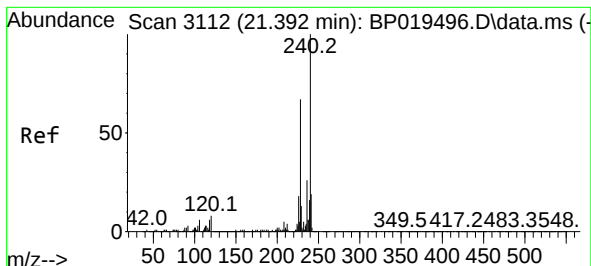
Ion Ratio Lower Upper

202 100

101 7.3 0.0 27.7

203 17.3 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.392 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BP019739.D

Acq: 16 Feb 2024 11:40

Instrument :

BNA_P

ClientSampleId :

PB159037BS

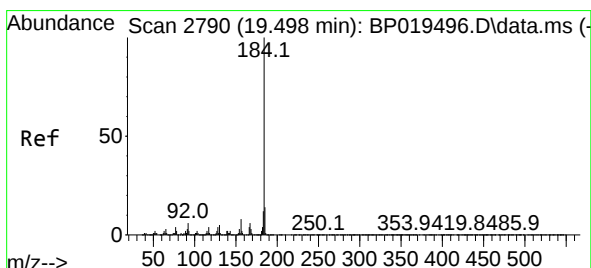
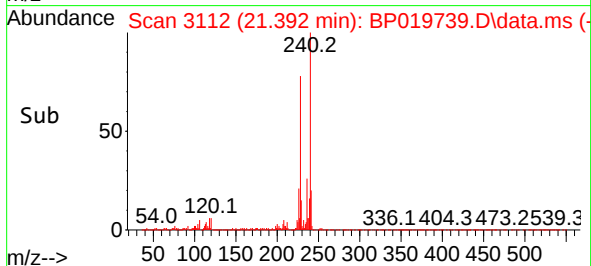
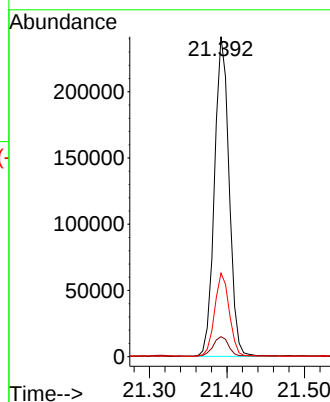
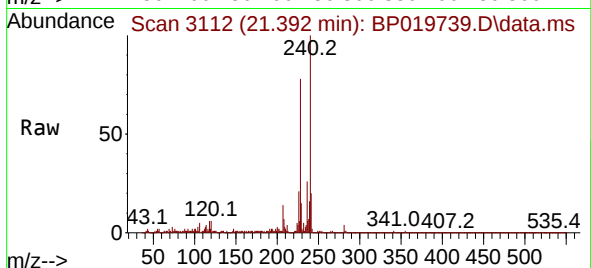
Tgt Ion:240 Resp: 317391

Ion Ratio Lower Upper

240 100

120 6.3 6.1 9.1

236 26.1 20.7 31.1



#77

Benzidine

Concen: 49.441 ng

RT: 19.498 min Scan# 2790

Delta R.T. 0.000 min

Lab File: BP019739.D

Acq: 16 Feb 2024 11:40

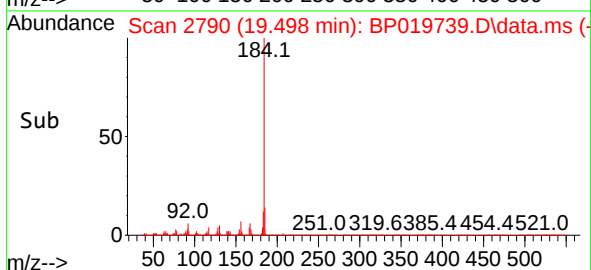
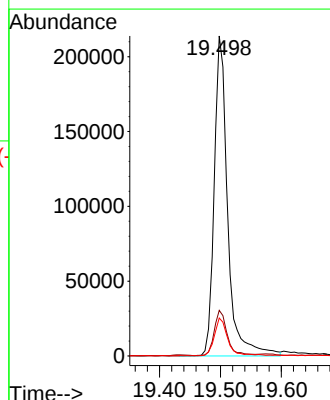
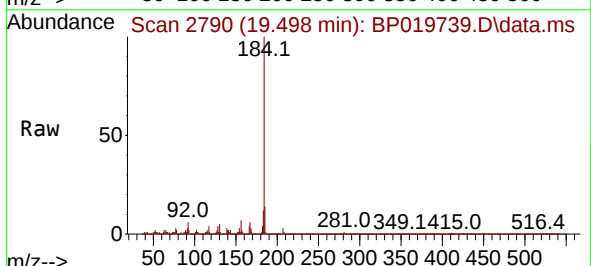
Tgt Ion:184 Resp: 328073

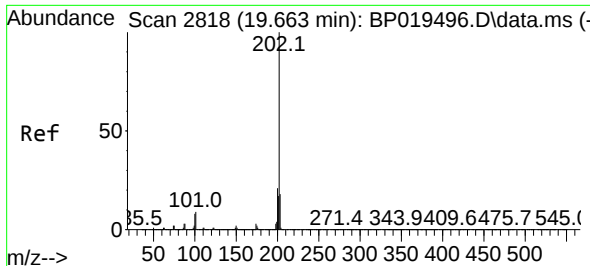
Ion Ratio Lower Upper

184 100

185 14.3 11.1 16.7

183 11.8 9.7 14.5

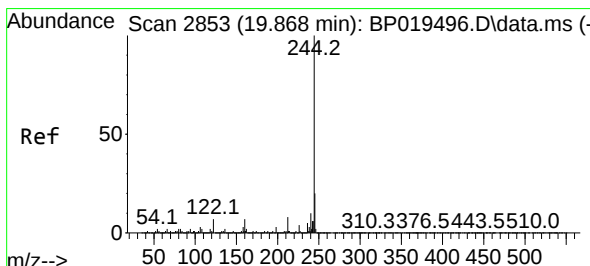
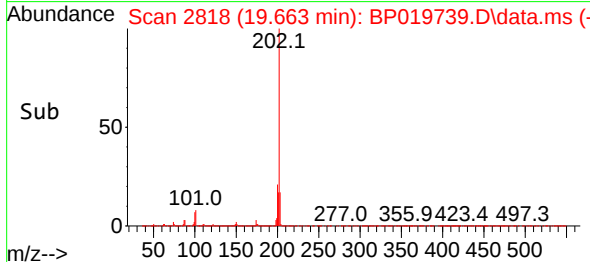
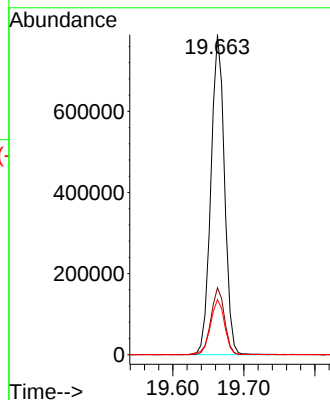
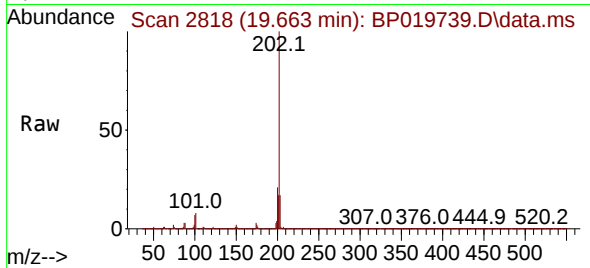




#78
Pyrene
Concen: 46.692 ng
RT: 19.663 min Scan# 2818
Delta R.T. 0.000 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

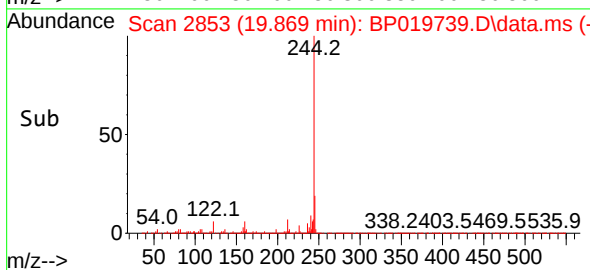
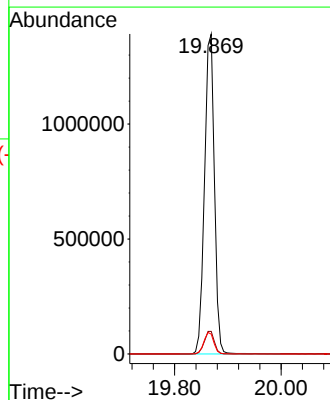
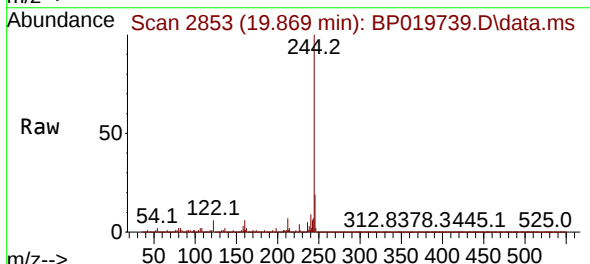
Instrument :
BNA_P
ClientSampleId :
PB159037BS

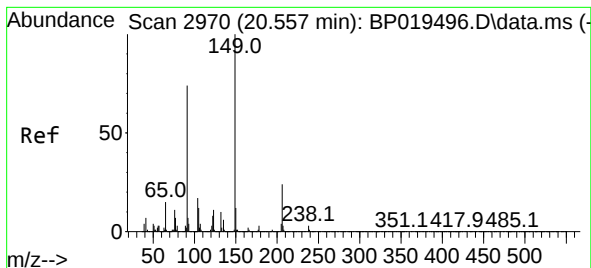
Tgt Ion:202 Resp: 1045898
Ion Ratio Lower Upper
202 100
200 20.9 16.9 25.3
203 17.2 14.2 21.2



#79
Terphenyl-d14
Concen: 92.452 ng
RT: 19.869 min Scan# 2853
Delta R.T. 0.000 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

Tgt Ion:244 Resp: 1784282
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 6.2 5.9 8.9





#80

Butylbenzylphthalate

Concen: 43.834 ng

RT: 20.551 min Scan# 2970

Delta R.T. -0.006 min

Lab File: BP019739.D

Acq: 16 Feb 2024 11:40

Instrument :

BNA_P

ClientSampleId :

PB159037BS

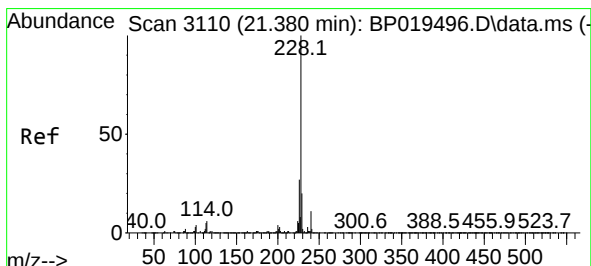
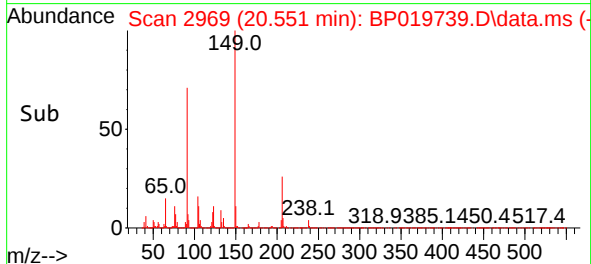
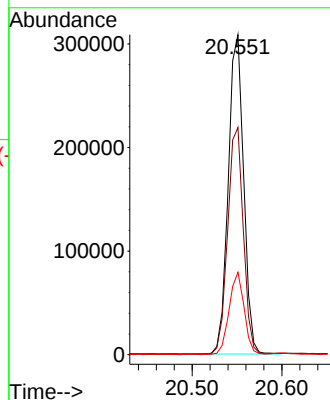
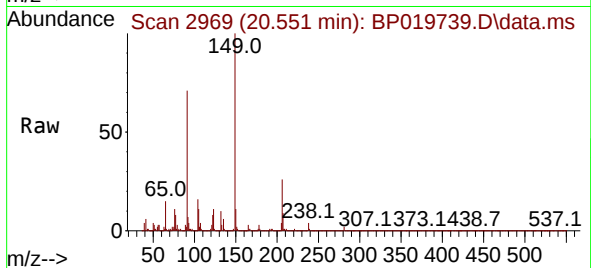
Tgt Ion:149 Resp: 366681

Ion Ratio Lower Upper

149 100

91 71.0 59.4 89.0

206 25.8 19.0 28.6



#81

Benzo(a)anthracene

Concen: 46.294 ng

RT: 21.380 min Scan# 3110

Delta R.T. 0.000 min

Lab File: BP019739.D

Acq: 16 Feb 2024 11:40

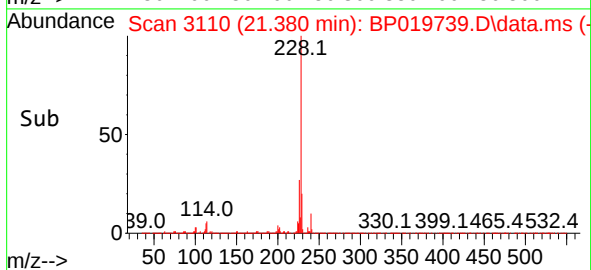
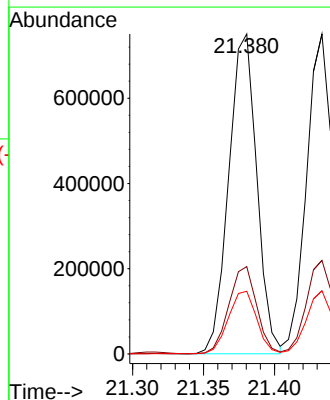
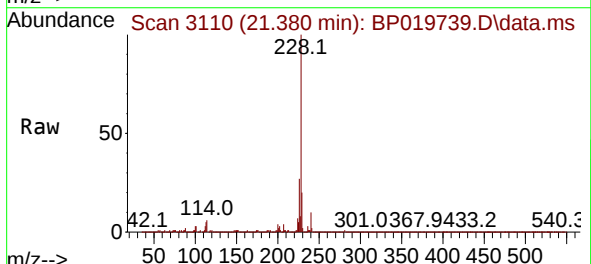
Tgt Ion:228 Resp: 1034304

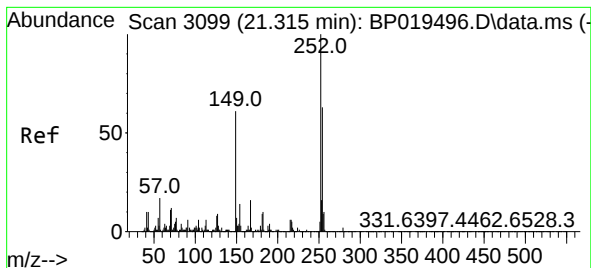
Ion Ratio Lower Upper

228 100

226 27.3 21.7 32.5

229 19.6 15.6 23.4





#82

3,3'-Dichlorobenzidine

Concen: 42.338 ng

RT: 21.316 min Scan# 3099

Delta R.T. 0.000 min

Lab File: BP019739.D

Acq: 16 Feb 2024 11:40

Instrument :

BNA_P

ClientSampleId :

PB159037BS

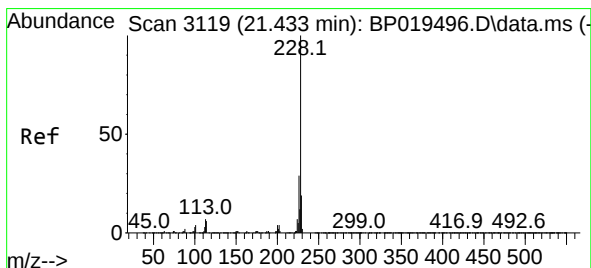
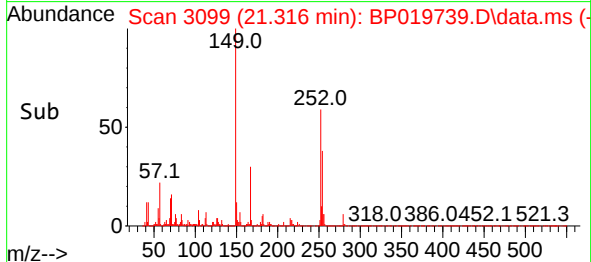
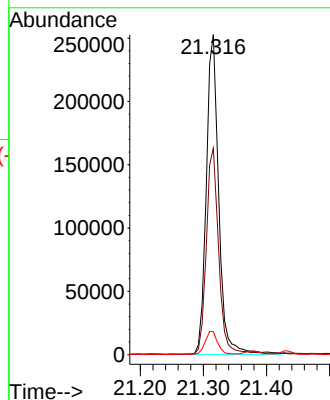
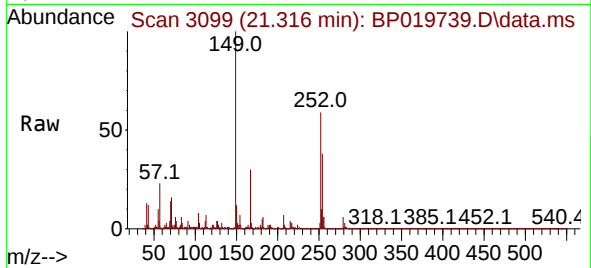
Tgt Ion:252 Resp: 344694

Ion Ratio Lower Upper

252 100

254 64.6 50.7 76.1

126 7.2 6.4 9.6



#83

Chrysene

Concen: 45.799 ng

RT: 21.433 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BP019739.D

Acq: 16 Feb 2024 11:40

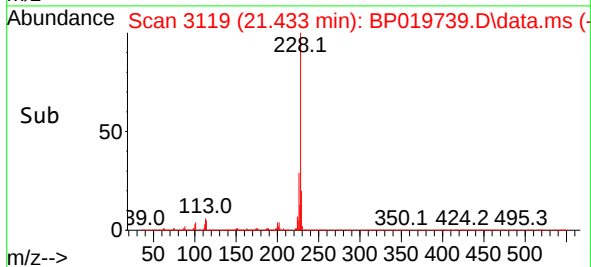
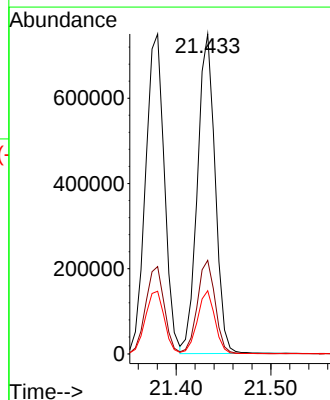
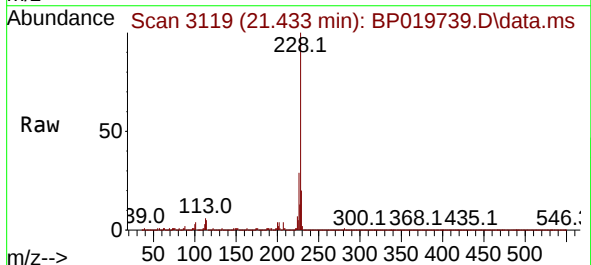
Tgt Ion:228 Resp: 971472

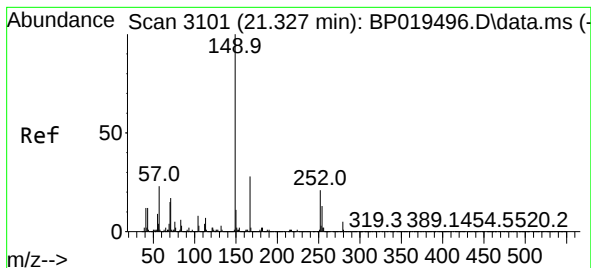
Ion Ratio Lower Upper

228 100

226 29.3 23.4 35.2

229 19.7 15.6 23.4

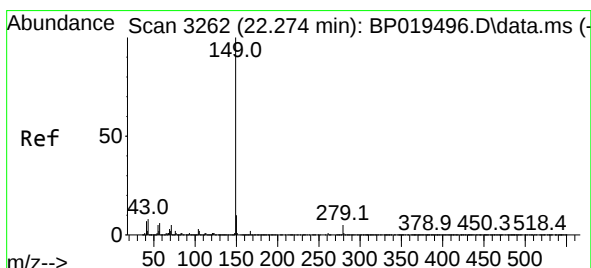
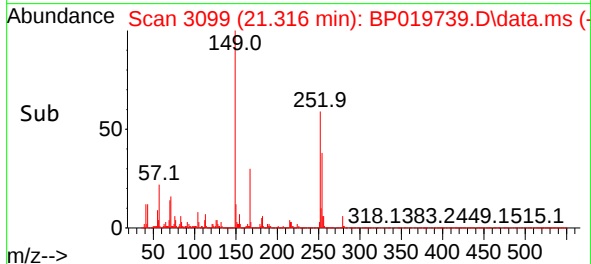
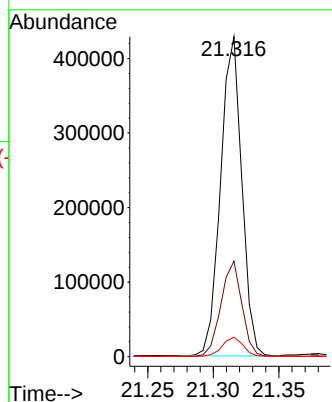
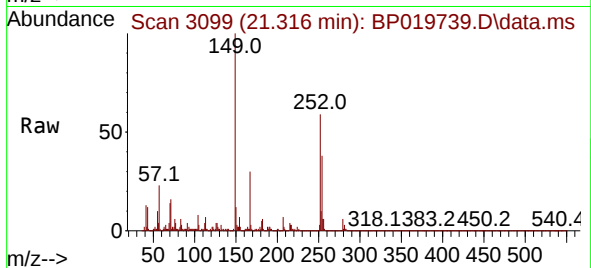




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.697 ng
 RT: 21.316 min Scan# 3099
 Delta R.T. -0.011 min
 Lab File: BP019739.D
 Acq: 16 Feb 2024 11:40

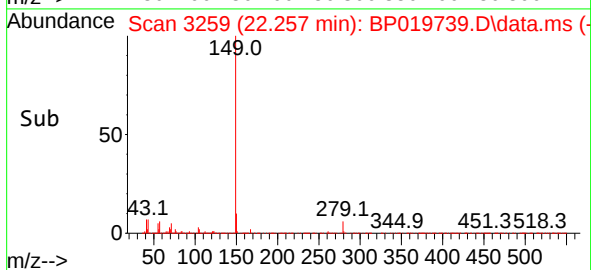
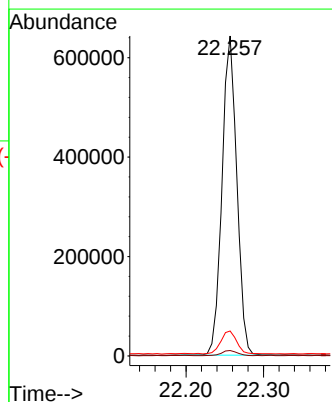
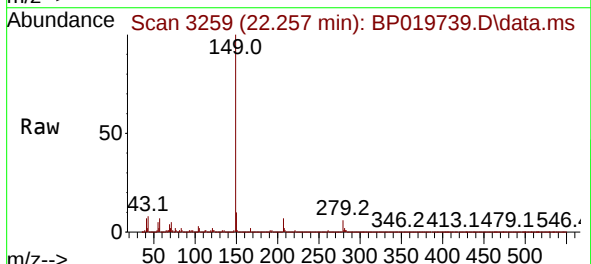
Instrument :
 BNA_P
 ClientSampleId :
 PB159037BS

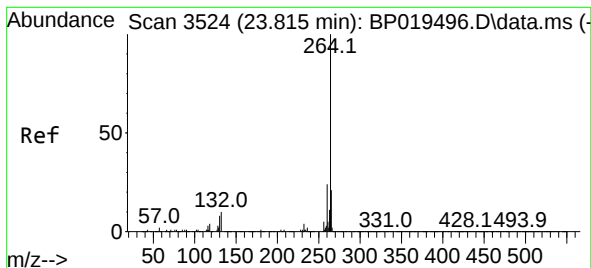
Tgt Ion:149 Resp: 480184
 Ion Ratio Lower Upper
 149 100
 167 29.8 22.7 34.1
 279 6.1 4.2 6.2



#85
 Di-n-octyl phthalate
 Concen: 38.003 ng
 RT: 22.257 min Scan# 3259
 Delta R.T. -0.017 min
 Lab File: BP019739.D
 Acq: 16 Feb 2024 11:40

Tgt Ion:149 Resp: 851722
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.3 1.9
 43 7.7 6.3 9.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.816 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP019739.D

Acq: 16 Feb 2024 11:40

Instrument :

BNA_P

ClientSampleId :

PB159037BS

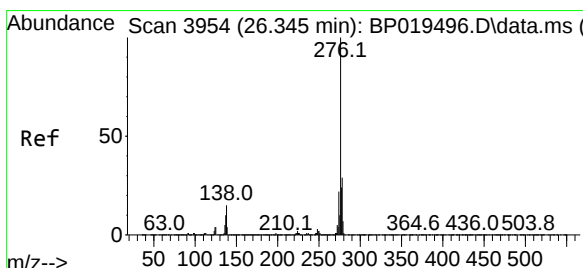
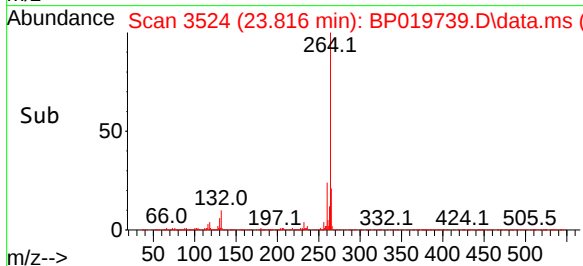
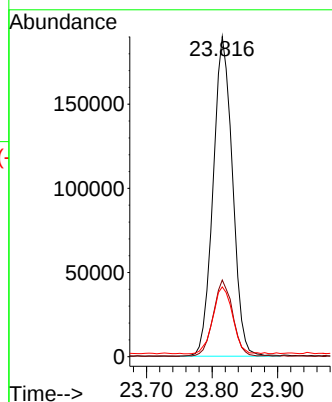
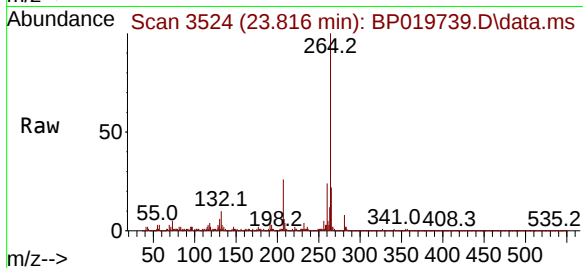
Tgt Ion:264 Resp: 389478

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.8 17.0 25.4



#87

Indeno(1,2,3-cd)pyrene

Concen: 49.411 ng

RT: 26.357 min Scan# 3956

Delta R.T. 0.012 min

Lab File: BP019739.D

Acq: 16 Feb 2024 11:40

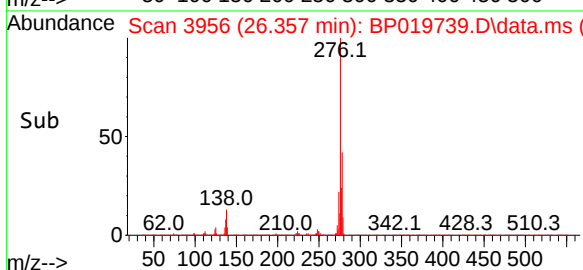
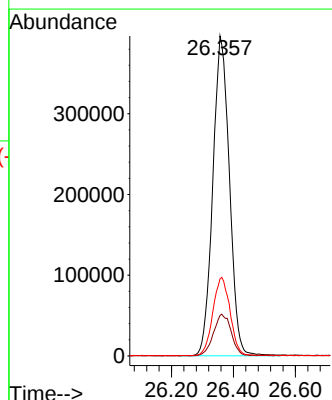
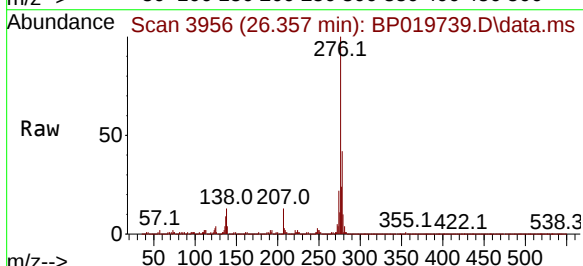
Tgt Ion:276 Resp: 1473110

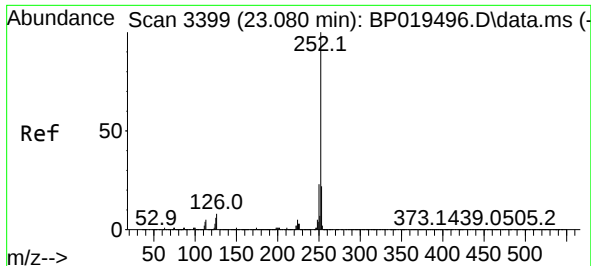
Ion Ratio Lower Upper

276 100

138 13.8 13.1 19.7

277 25.4 20.3 30.5

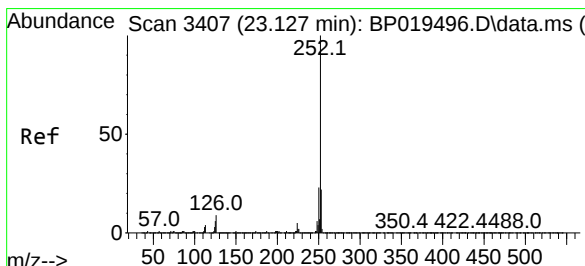
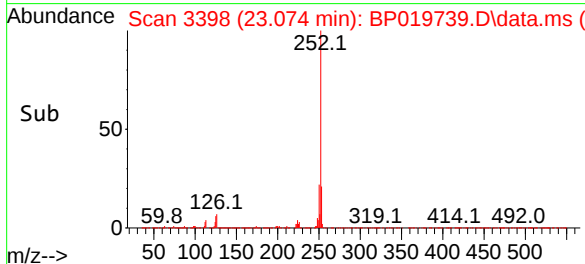
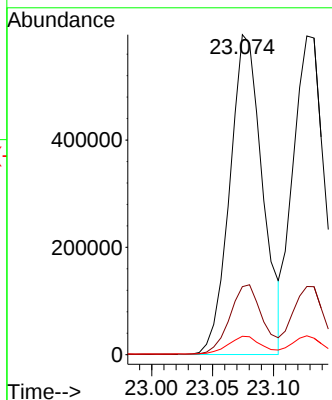
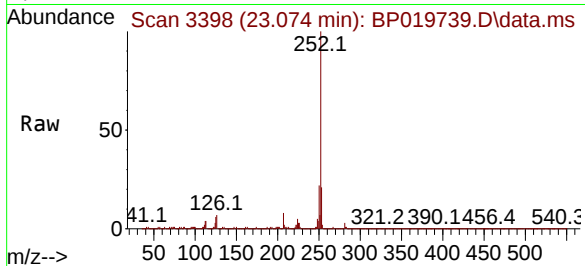




#88
Benzo(b)fluoranthene
Concen: 45.552 ng
RT: 23.074 min Scan# 311
Delta R.T. -0.006 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

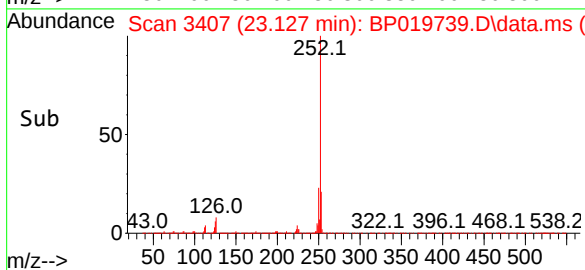
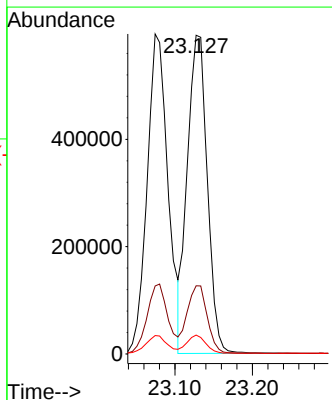
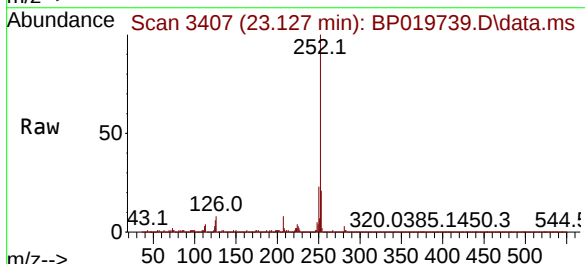
Instrument :
BNA_P
ClientSampleId :
PB159037BS

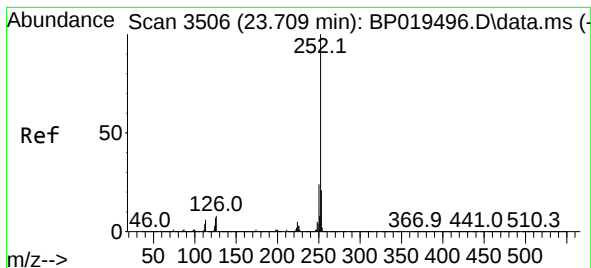
Tgt Ion:252 Resp: 1118167
Ion Ratio Lower Upper
252 100
253 21.3 17.3 25.9
125 5.8 4.9 7.3



#89
Benzo(k)fluoranthene
Concen: 45.262 ng
RT: 23.127 min Scan# 3407
Delta R.T. 0.000 min
Lab File: BP019739.D
Acq: 16 Feb 2024 11:40

Tgt Ion:252 Resp: 1061299
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 5.9 5.0 7.6





#90

Benzo(a)pyrene

Concen: 47.463 ng

RT: 23.710 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP019739.D

Acq: 16 Feb 2024 11:40

Instrument :

BNA_P

ClientSampleId :

PB159037BS

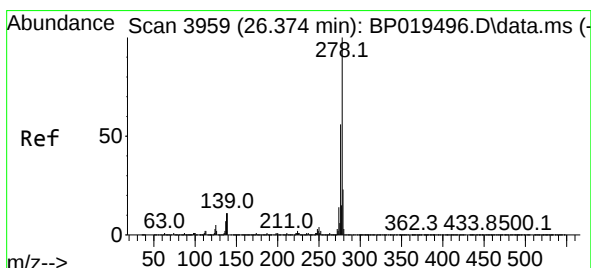
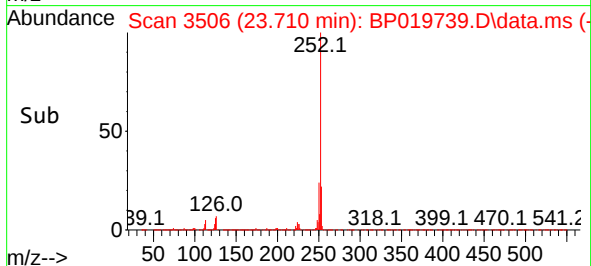
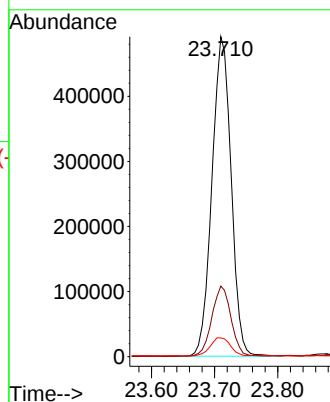
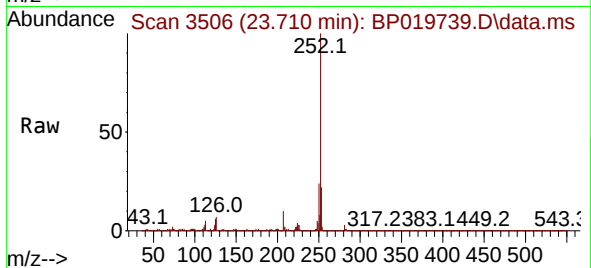
Tgt Ion:252 Resp: 1036656

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 5.8 5.6 8.4



#91

Dibenzo(a,h)anthracene

Concen: 49.926 ng

RT: 26.386 min Scan# 3961

Delta R.T. 0.012 min

Lab File: BP019739.D

Acq: 16 Feb 2024 11:40

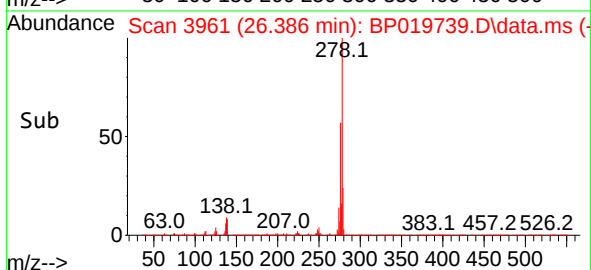
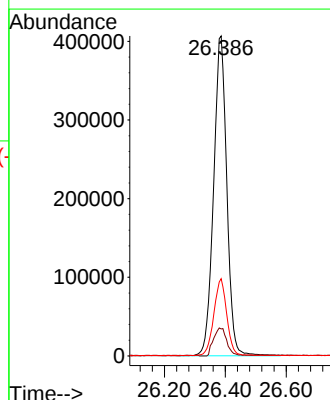
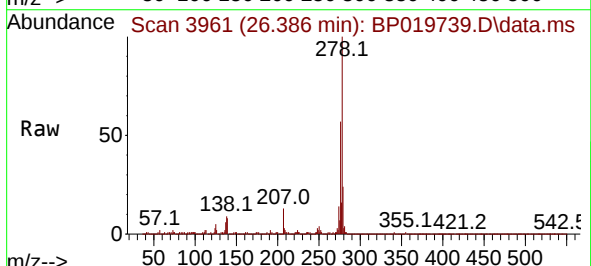
Tgt Ion:278 Resp: 1224192

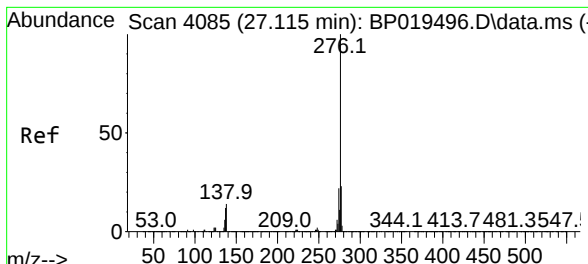
Ion Ratio Lower Upper

278 100

139 8.4 8.6 12.8#

279 24.1 18.5 27.7





#92
 Benzo(g,h,i)perylene
 Concen: 47.464 ng
 RT: 27.139 min Scan# 4089
 Delta R.T. 0.024 min
 Lab File: BP019739.D
 Acq: 16 Feb 2024 11:40

Instrument :
 BNA_P
 ClientSampleId :
 PB159037BS

Tgt Ion:276 Resp: 1180712

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	11.7	10.9	16.3

