

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021924\
 Data File : BP019765.D
 Acq On : 19 Feb 2024 16:21
 Operator : MA/JU
 Sample : P1461-03MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-2MS

Quant Time: Feb 19 16:45:58 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	7.899	152	56827	20.000	ng	-0.02
21) Naphthalene-d8	10.699	136	213858	20.000	ng	-0.02
39) Acenaphthene-d10	14.534	164	145842	20.000	ng	-0.02
64) Phenanthrene-d10	17.292	188	351551	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	381011	20.000	ng	0.00
86) Perylene-d12	23.804	264	439364	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	450252	127.716	ng	-0.01
7) Phenol-d6	7.075	99	569328	119.769	ng	-0.01
23) Nitrobenzene-d5	9.069	82	430194	87.165	ng	-0.02
42) 2,4,6-Tribromophenol	16.034	330	391535	183.871	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	1039450	88.109	ng	-0.02
79) Terphenyl-d14	19.857	244	2211409	95.450	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	46633	34.333	ng	# 68
3) Pyridine	3.787	79	118904	32.289	ng	94
4) n-Nitrosodimethylamine	3.705	42	70714	44.107	ng	97
6) Aniline	7.234	93	158293	34.271	ng	98
8) 2-Chlorophenol	7.463	128	172794	47.740	ng	95
9) Benzaldehyde	7.052	77	19647	5.895	ng	91
10) Phenol	7.099	94	206807	43.651	ng	98
11) bis(2-Chloroethyl)ether	7.334	93	163239	44.287	ng	99
12) 1,3-Dichlorobenzene	7.787	146	189653	42.822	ng	99
13) 1,4-Dichlorobenzene	7.934	146	194346	43.313	ng	96
14) 1,2-Dichlorobenzene	8.246	146	186689	43.002	ng	97
15) Benzyl Alcohol	8.152	79	190951	50.275	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.428	45	160143	43.447	ng	97
17) 2-Methylphenol	8.352	107	151446	47.480	ng	98
18) Hexachloroethane	8.969	117	72330	41.588	ng	97
19) n-Nitroso-di-n-propyla...	8.716	70	144245	44.425	ng	98
20) 3+4-Methylphenols	8.681	107	204456	46.968	ng	94
22) Acetophenone	8.734	105	278210	45.664	ng	# 98
24) Nitrobenzene	9.110	77	218289	43.928	ng	100
25) Isophorone	9.640	82	405989	47.234	ng	99
26) 2-Nitrophenol	9.816	139	97199	51.300	ng	97
27) 2,4-Dimethylphenol	9.881	122	136289	56.253	ng	94
28) bis(2-Chloroethoxy)met...	10.128	93	225636	46.397	ng	99
29) 2,4-Dichlorophenol	10.352	162	188843	51.563	ng	99
30) 1,2,4-Trichlorobenzene	10.563	180	201910	44.963	ng	99
31) Naphthalene	10.752	128	526052	44.850	ng	99
32) Benzoic acid	10.028	122	125832	53.307	ng	98
33) 4-Chloroaniline	10.875	127	48154	11.101	ng	98
34) Hexachlorobutadiene	11.022	225	148876	44.739	ng	98
35) Caprolactam	11.681	113	53485	51.587	ng	96
36) 4-Chloro-3-methylphenol	11.999	107	211872	53.055	ng	100
37) 2-Methylnaphthalene	12.357	142	384418	47.359	ng	99
38) 1-Methylnaphthalene	12.581	142	366560	45.953	ng	98
40) 1,2,4,5-Tetrachloroben...	12.722	216	268413	47.721	ng	99
41) Hexachlorocyclopentadiene	12.693	237	297986	117.276	ng	98
43) 2,4,6-Trichlorophenol	12.969	196	178430	52.390	ng	98

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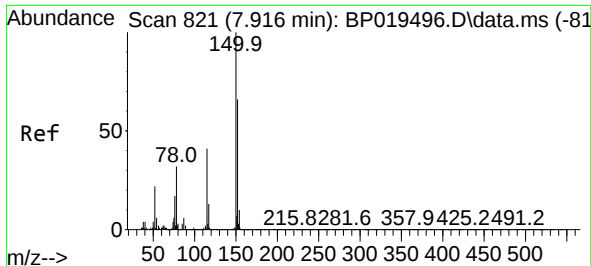
Quant Time: Feb 19 16:45:58 2024
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.046	196	200265	53.549	ng	99
46) 1,1'-Biphenyl	13.375	154	540246	46.412	ng	99
47) 2-Chloronaphthalene	13.416	162	426933	44.681	ng	98
48) 2-Nitroaniline	13.628	65	141407	52.925	ng	98
49) Acenaphthylene	14.257	152	703745	52.496	ng	99
50) Dimethylphthalate	14.010	163	596041	53.387	ng	99
51) 2,6-Dinitrotoluene	14.128	165	130345	53.138	ng	95
52) Acenaphthene	14.598	154	398463	47.891	ng	99
53) 3-Nitroaniline	14.457	138	93528	41.489	ng	93
54) 2,4-Dinitrophenol	14.669	184	172801	135.679	ng	96
55) Dibenzofuran	14.934	168	686507	50.660	ng	98
56) 4-Nitrophenol	14.769	139	201690	109.159	ng	97
57) 2,4-Dinitrotoluene	14.916	165	189305	58.892	ng	98
58) Fluorene	15.587	166	562855	52.149	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.163	232	193989	61.667	ng	95
60) Diethylphthalate	15.369	149	606656	54.629	ng	98
61) 4-Chlorophenyl-phenyle...	15.587	204	319007	52.586	ng	95
62) 4-Nitroaniline	15.622	138	129654	54.871	ng	98
63) Azobenzene	15.881	77	534907	49.812	ng	97
65) 4,6-Dinitro-2-methylph...	15.681	198	115475	57.606	ng	95
66) n-Nitrosodiphenylamine	15.804	169	498661	47.363	ng	99
67) 4-Bromophenyl-phenylether	16.481	248	216571	49.279	ng	97
68) Hexachlorobenzene	16.587	284	254100	49.511	ng	94
69) Atrazine	16.769	200	207142	59.290	ng	97
70) Pentachlorophenol	16.939	266	364822	114.149	ng	98
71) Phenanthrene	17.334	178	939480	50.780	ng	99
72) Anthracene	17.428	178	955907	51.794	ng	99
73) Carbazole	17.704	167	882955	52.663	ng	99
74) Di-n-butylphthalate	18.257	149	1097662	54.146	ng	99
75) Fluoranthene	19.304	202	1243517	55.021	ng	99
77) Benzidine	19.492	184	248098	31.146	ng	99
78) Pyrene	19.657	202	1289246	47.945	ng	99
80) Butylbenzylphthalate	20.545	149	522713	52.053	ng	94
81) Benzo(a)anthracene	21.374	228	1425194	53.138	ng	99
82) 3,3'-Dichlorobenzidine	21.310	252	438588	44.876	ng	98
83) Chrysene	21.427	228	1352057	53.098	ng	100
84) Bis(2-ethylhexyl)phtha...	21.310	149	745809	48.773	ng	99
85) Di-n-octyl phthalate	22.251	149	1318333	49.001	ng	99
87) Indeno(1,2,3-cd)pyrene	26.339	276	1686266	50.139	ng	98
88) Benzo(b)fluoranthene	23.069	252	1478275	53.385	ng	99
89) Benzo(k)fluoranthene	23.121	252	1470250	55.583	ng	98
90) Benzo(a)pyrene	23.704	252	1313349	53.304	ng	98
91) Dibenzo(a,h)anthracene	26.368	278	1386569	50.128	ng	98
92) Benzo(g,h,i)perylene	27.115	276	1335977	47.608	ng	98

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

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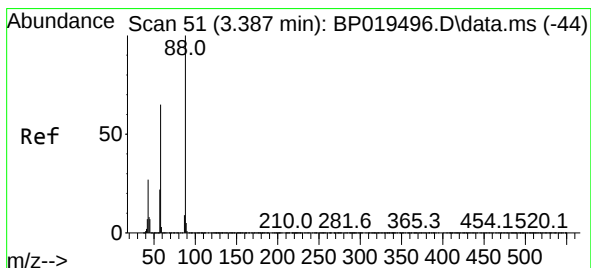
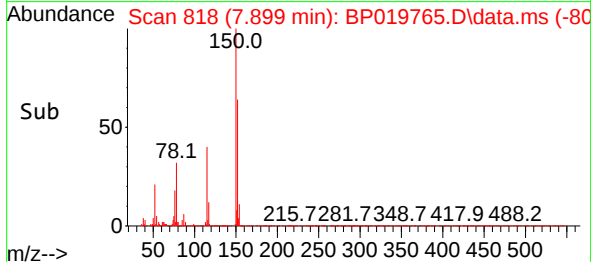
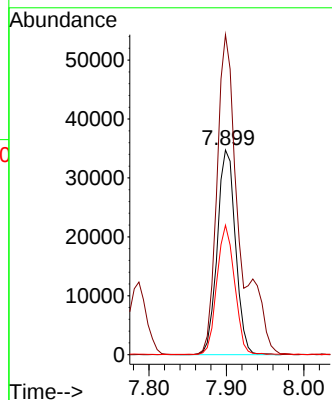
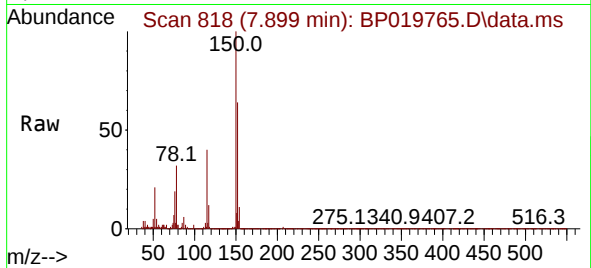




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP019765.D
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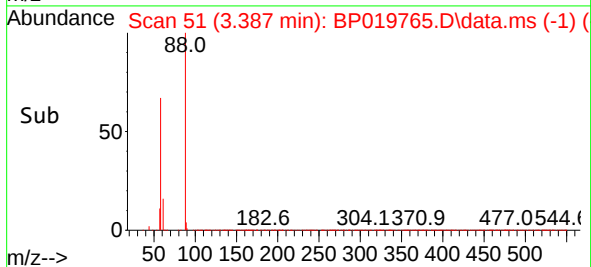
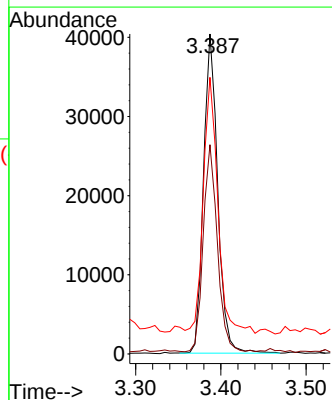
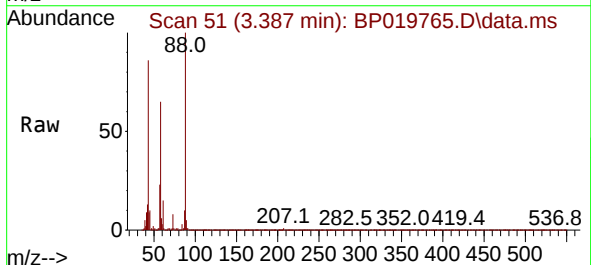
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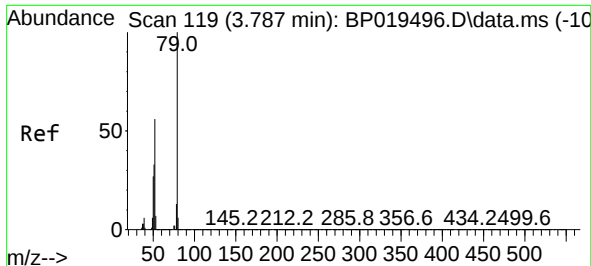
Tgt Ion:152 Resp: 56827
Ion Ratio Lower Upper
152 100
150 156.4 121.8 182.8
115 63.3 49.9 74.9



#2
1,4-Dioxane
Concen: 34.333 ng
RT: 3.387 min Scan# 51
Delta R.T. 0.000 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

Tgt Ion: 88 Resp: 46633
Ion Ratio Lower Upper
88 100
58 64.7 52.6 78.8
43 82.3 21.9 32.9

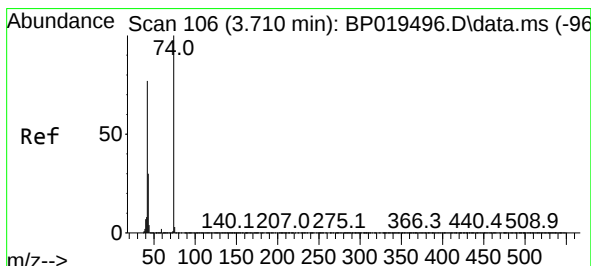
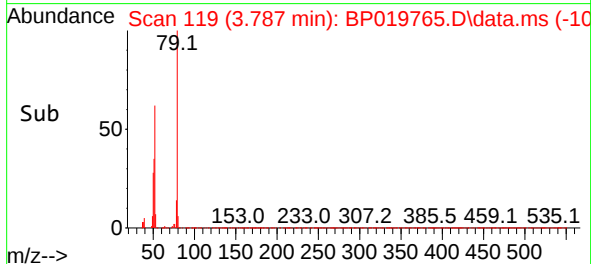
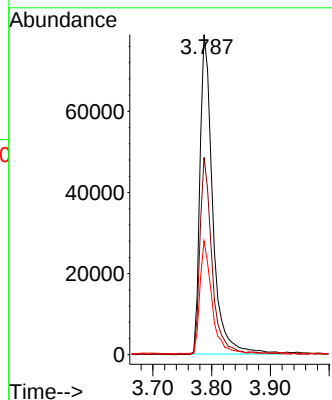
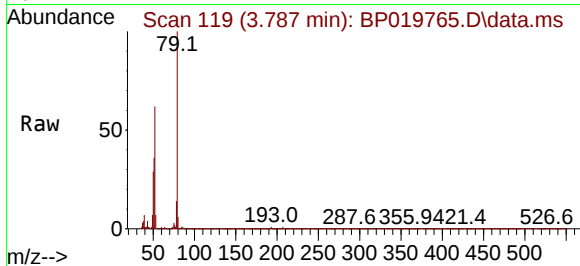




#3
Pyridine
Concen: 32.289 ng
RT: 3.787 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

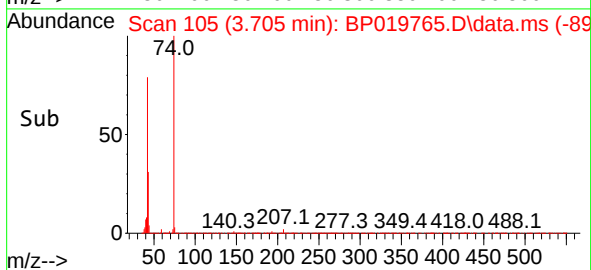
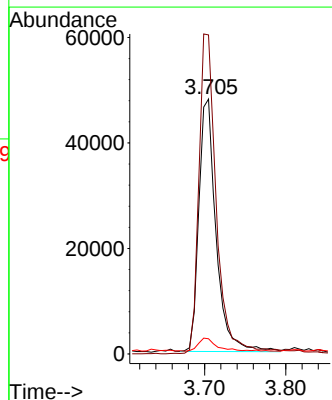
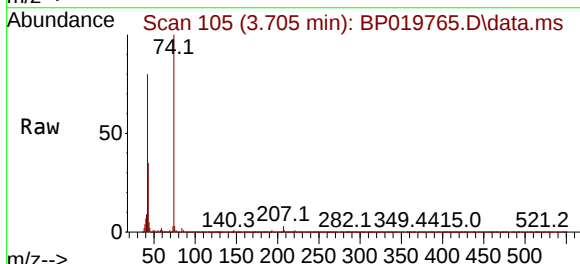
Instrument :
BNA_P
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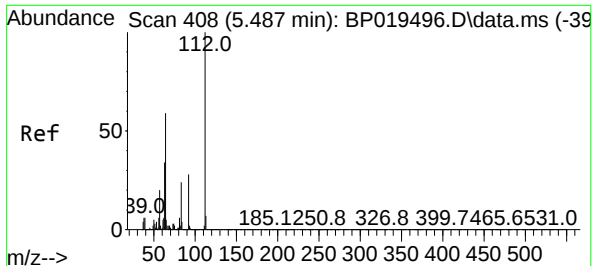
Tgt Ion: 79 Resp: 118904
Ion Ratio Lower Upper
79 100
52 61.6 45.0 67.6
51 35.6 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 44.107 ng
RT: 3.705 min Scan# 105
Delta R.T. -0.006 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

Tgt Ion: 42 Resp: 70714
Ion Ratio Lower Upper
42 100
74 125.1 103.4 155.2
44 5.9 4.8 7.2

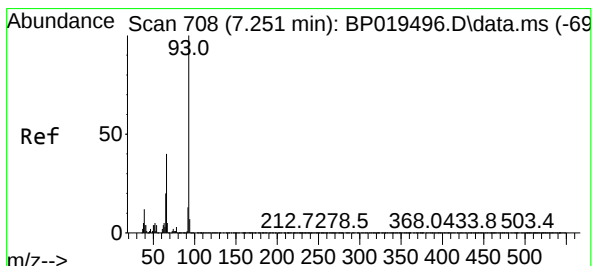
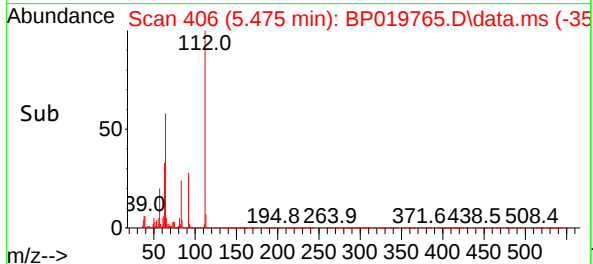
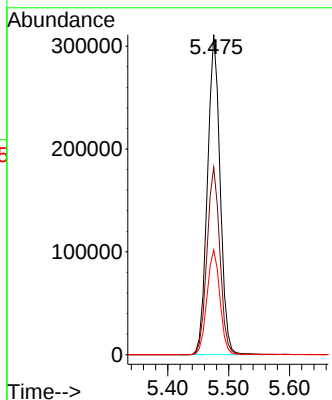
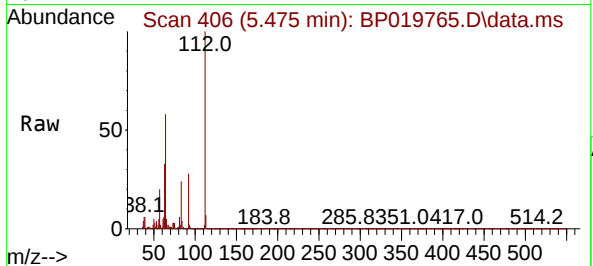




#5
2-Fluorophenol
Concen: 127.716 ng
RT: 5.475 min Scan# 408
Delta R.T. -0.011 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

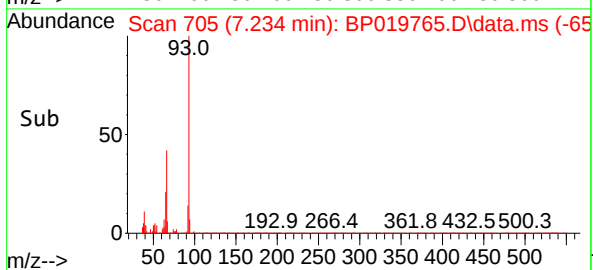
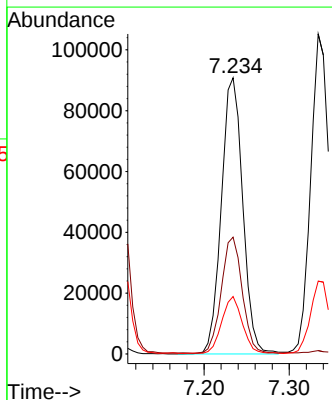
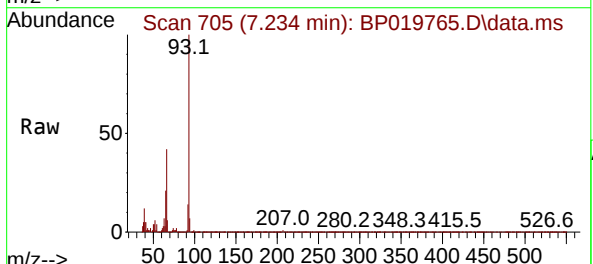
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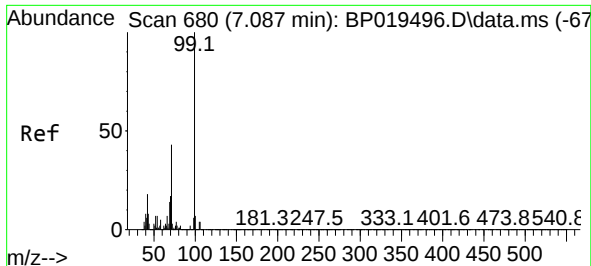
Tgt Ion:112 Resp: 450252
Ion Ratio Lower Upper
112 100
64 58.5 47.4 71.0
63 32.8 27.0 40.6



#6
Aniline
Concen: 34.271 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.017 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

Tgt Ion: 93 Resp: 158293
Ion Ratio Lower Upper
93 100
66 42.3 32.3 48.5
65 20.8 16.4 24.6





#7

Phenol-d6

Concen: 119.769 ng

RT: 7.075 min Scan# 61

Delta R.T. -0.011 min

Lab File: BP019765.D

Acq: 19 Feb 2024 16:21

Instrument :

BNA_P

ClientSampleId :

TP-2MS

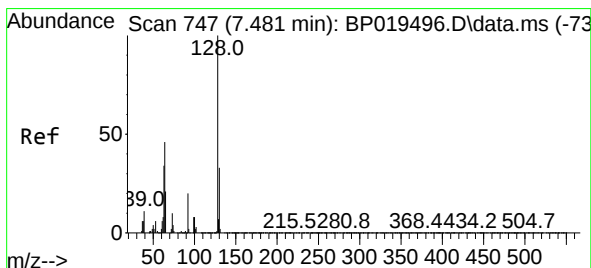
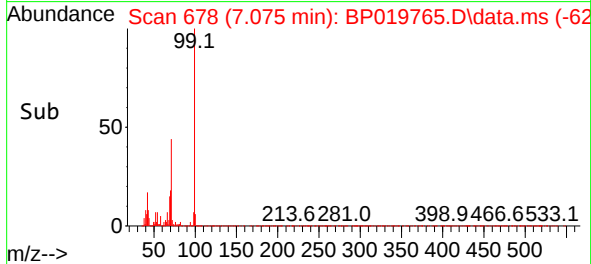
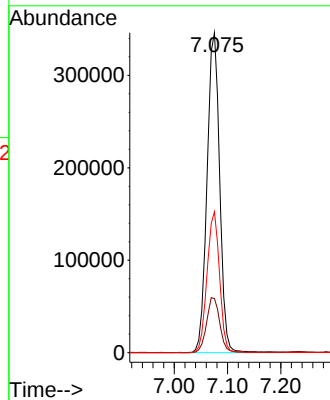
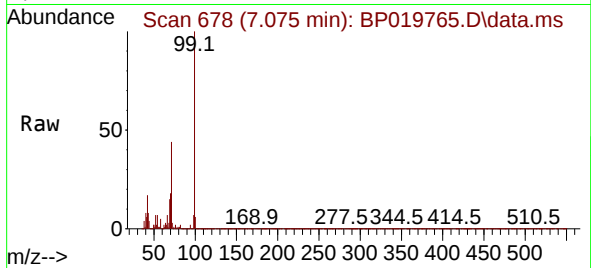
Tgt Ion: 99 Resp: 569328

Ion Ratio Lower Upper

99 100

42 16.9 14.7 22.1

71 44.1 34.8 52.2



#8

2-Chlorophenol

Concen: 47.740 ng

RT: 7.463 min Scan# 744

Delta R.T. -0.017 min

Lab File: BP019765.D

Acq: 19 Feb 2024 16:21

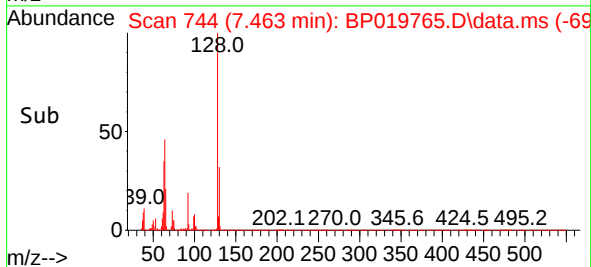
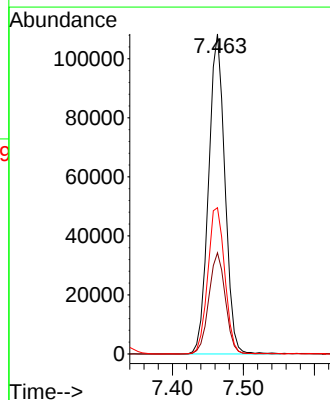
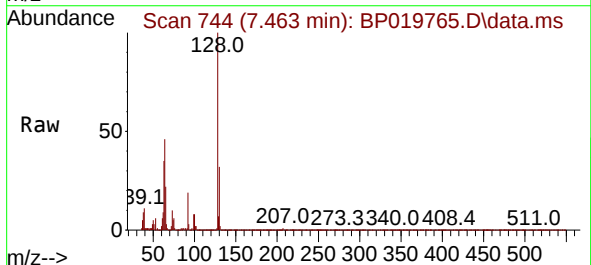
Tgt Ion:128 Resp: 172794

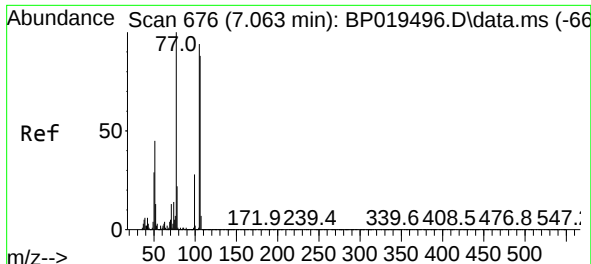
Ion Ratio Lower Upper

128 100

130 31.6 13.3 53.3

64 45.7 29.7 69.7

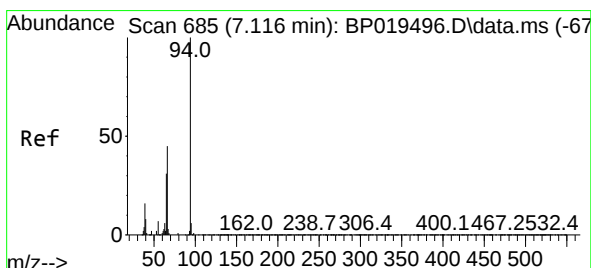
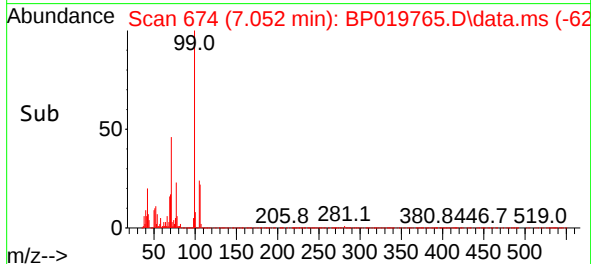
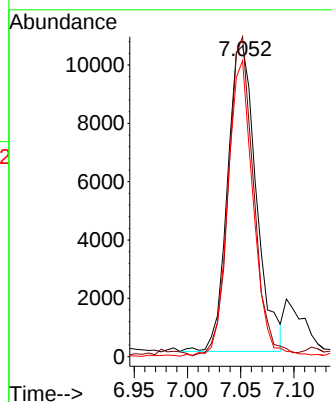
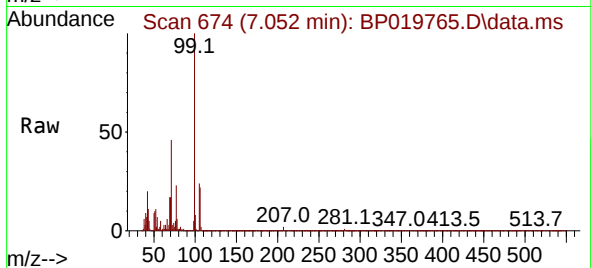




#9
Benzaldehyde
Concen: 5.895 ng
RT: 7.052 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

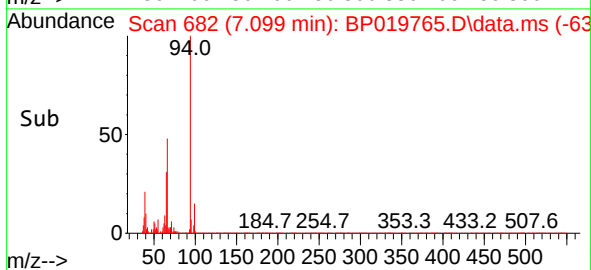
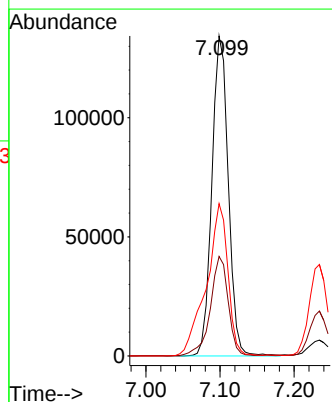
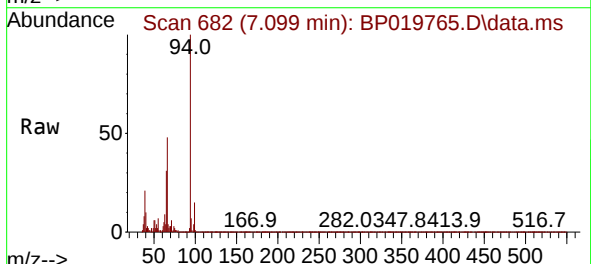
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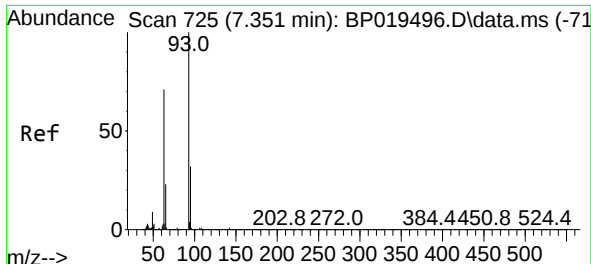
Tgt Ion: 77 Resp: 19647
Ion Ratio Lower Upper
77 100
105 102.9 74.0 114.0
106 95.2 67.8 107.8



#10
Phenol
Concen: 43.651 ng
RT: 7.099 min Scan# 682
Delta R.T. -0.017 min
Lab File: BP019765.D
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Tgt Ion: 94 Resp: 206807
Ion Ratio Lower Upper
94 100
65 31.1 11.3 51.3
66 47.6 25.1 65.1

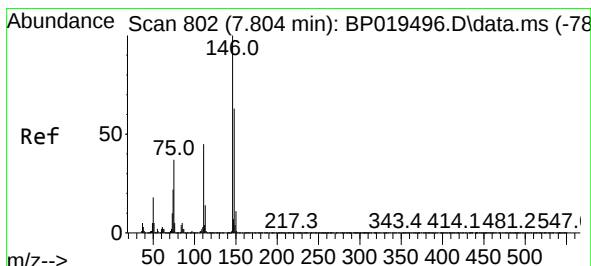
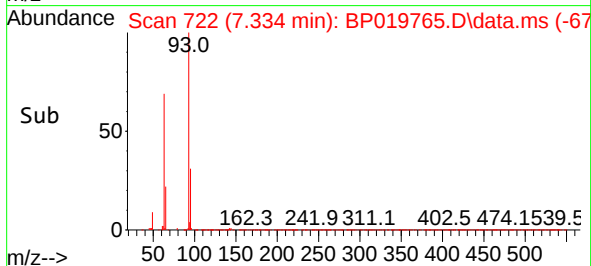
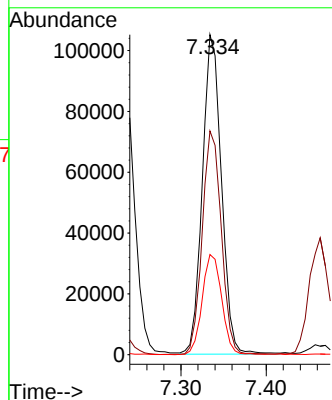
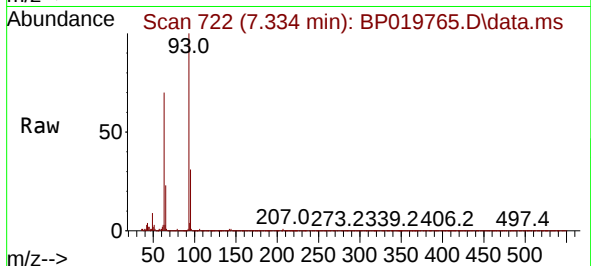




#11
bis(2-Chloroethyl)ether
Concen: 44.287 ng
RT: 7.334 min Scan# 711
Delta R.T. -0.017 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

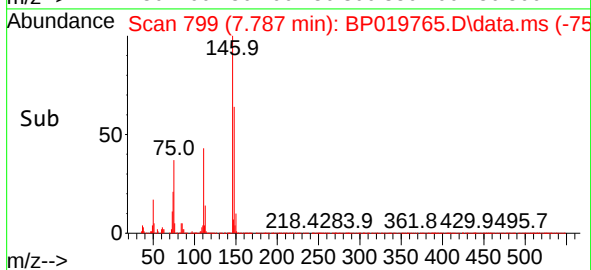
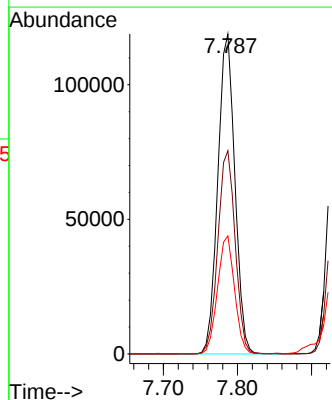
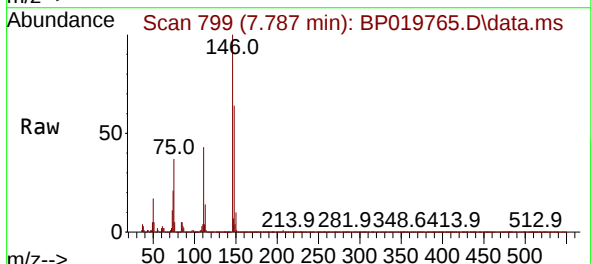
Instrument :
BNA_P
ClientSampleId :
TP-2MS

Tgt Ion: 93 Resp: 163239
Ion Ratio Lower Upper
93 100
63 69.9 51.2 91.2
95 31.3 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 42.822 ng
RT: 7.787 min Scan# 799
Delta R.T. -0.017 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

Tgt Ion:146 Resp: 189653
Ion Ratio Lower Upper
146 100
148 63.5 50.4 75.6
75 36.9 29.9 44.9

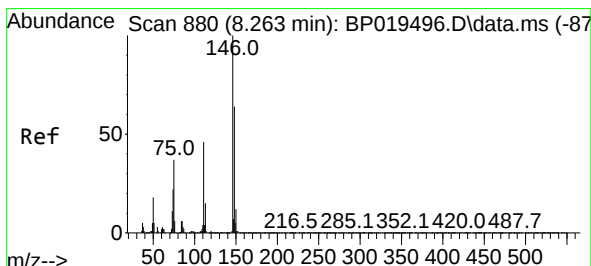
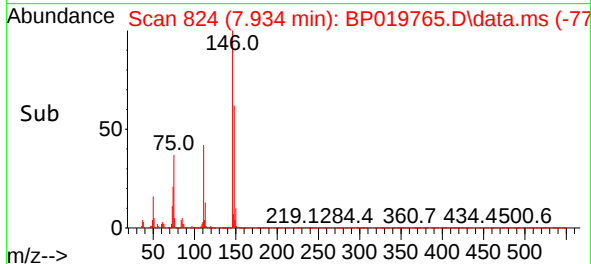
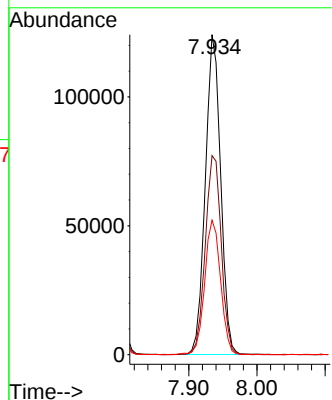
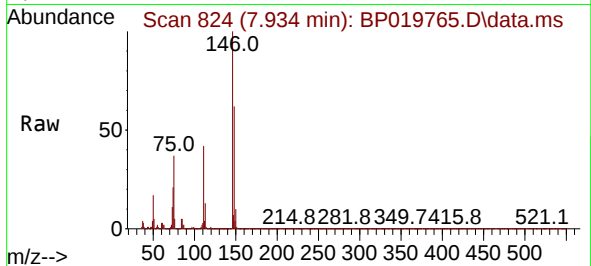




#13
1,4-Dichlorobenzene
Concen: 43.313 ng
RT: 7.934 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

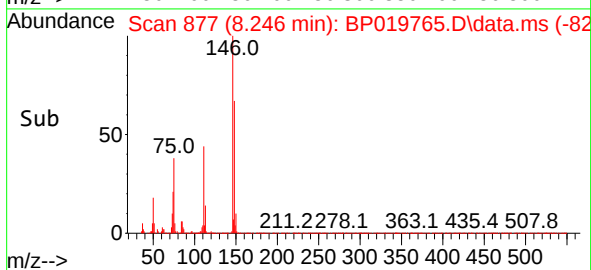
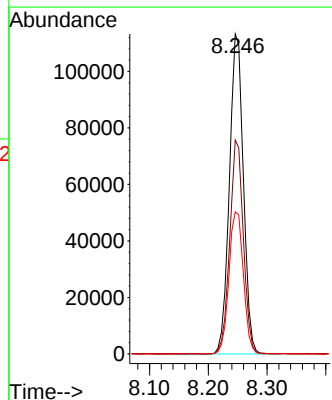
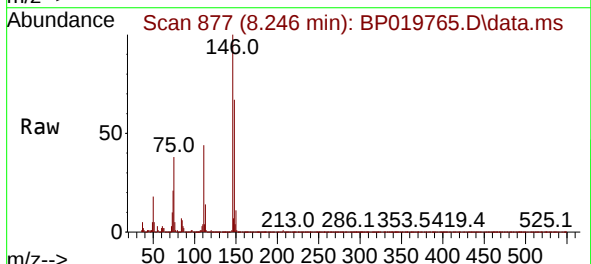
Instrument :
BNA_P
ClientSampleId :
TP-2MS

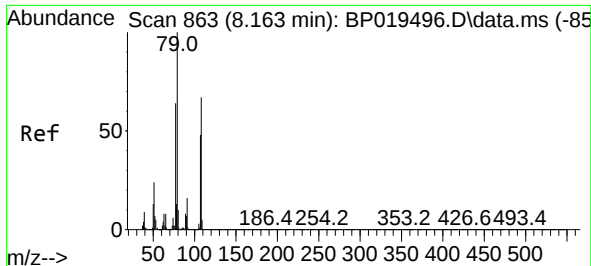
Tgt Ion:146 Resp: 194346
Ion Ratio Lower Upper
146 100
148 62.2 51.9 77.9
111 42.0 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 43.002 ng
RT: 8.246 min Scan# 877
Delta R.T. -0.017 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

Tgt Ion:146 Resp: 186689
Ion Ratio Lower Upper
146 100
148 66.9 51.4 77.0
111 44.4 37.0 55.6

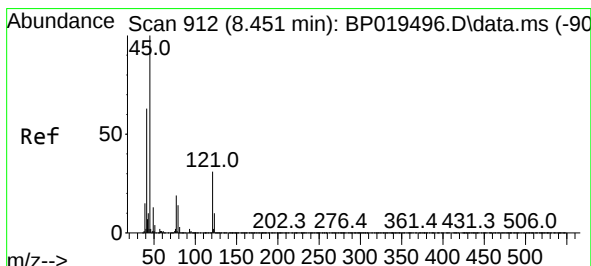
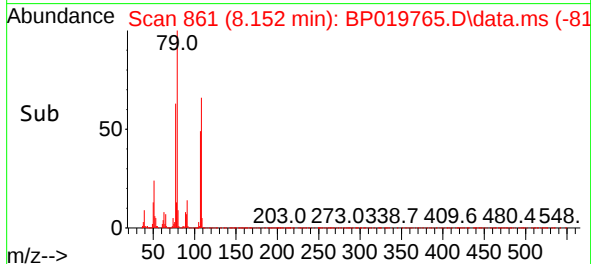
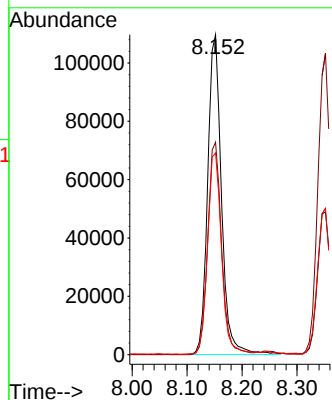
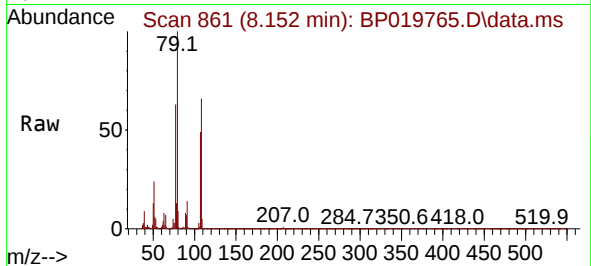




#15
Benzyl Alcohol
Concen: 50.275 ng
RT: 8.152 min Scan# 80
Delta R.T. -0.011 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

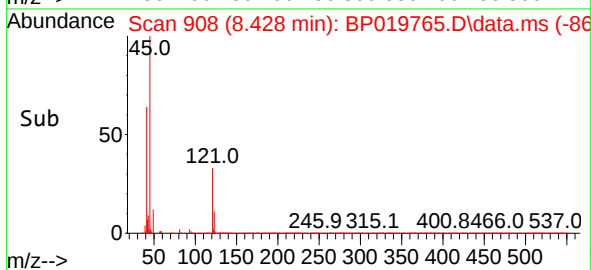
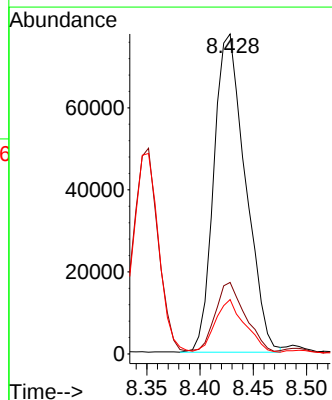
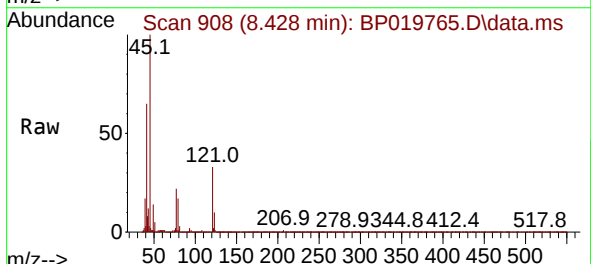
Instrument :
BNA_P
ClientSampleId :
TP-2MS

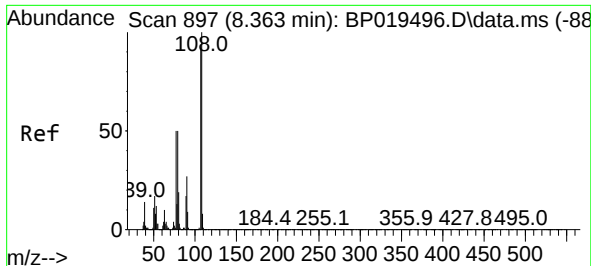
Tgt Ion: 79 Resp: 190951
Ion Ratio Lower Upper
79 100
108 66.4 53.8 80.6
77 63.0 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.447 ng
RT: 8.428 min Scan# 908
Delta R.T. -0.023 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

Tgt Ion: 45 Resp: 160143
Ion Ratio Lower Upper
45 100
77 22.3 0.8 40.8
79 17.0 0.0 35.5

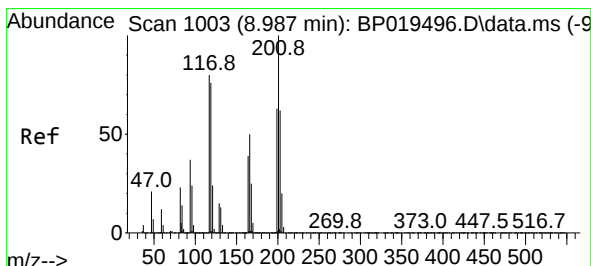
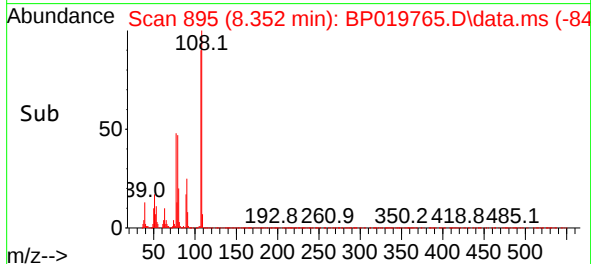
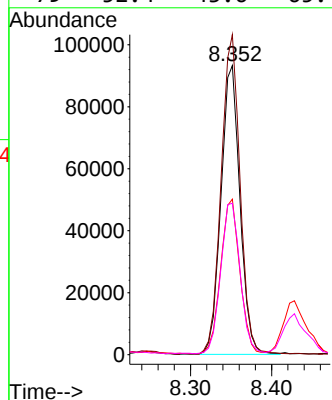
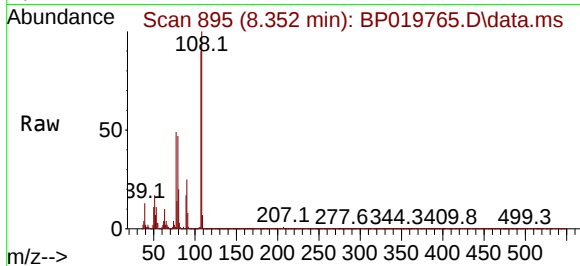




#17
2-Methylphenol
Concen: 47.480 ng
RT: 8.352 min Scan# 895
Delta R.T. -0.011 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

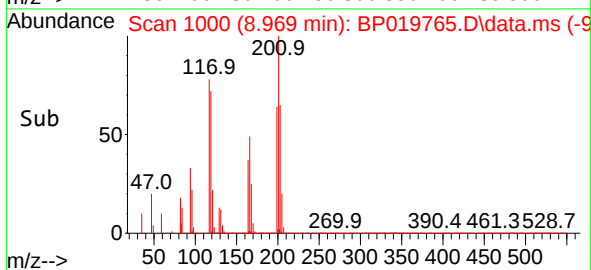
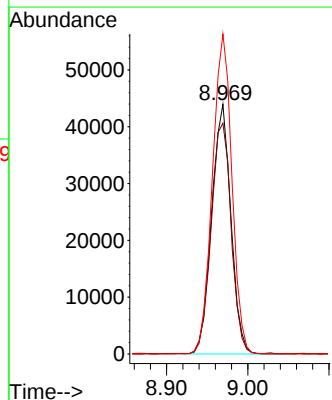
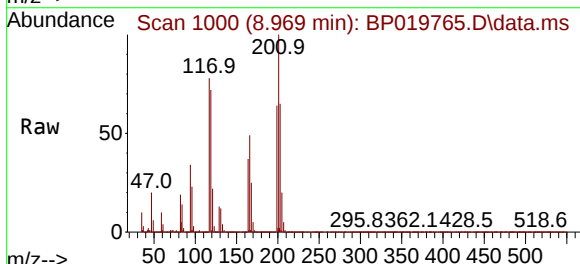
Instrument :
BNA_P
ClientSampleId :
TP-2MS

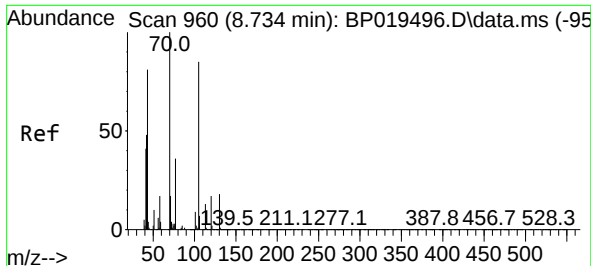
Tgt Ion:	107	Resp:	151446
Ion	Ratio	Lower	Upper
107	100		
108	110.7	87.0	130.6
77	53.8	43.5	65.3
79	52.4	43.6	65.4



#18
Hexachloroethane
Concen: 41.588 ng
RT: 8.969 min Scan# 1000
Delta R.T. -0.017 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

Tgt Ion:	117	Resp:	72330
Ion	Ratio	Lower	Upper
117	100		
119	92.5	75.5	113.3
201	128.2	99.4	149.2

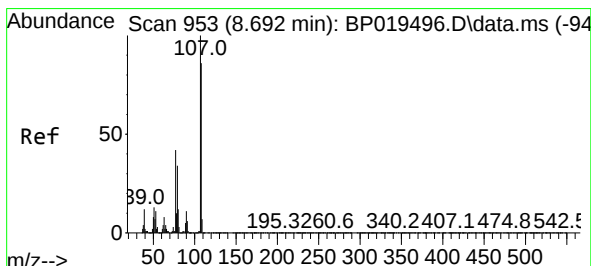
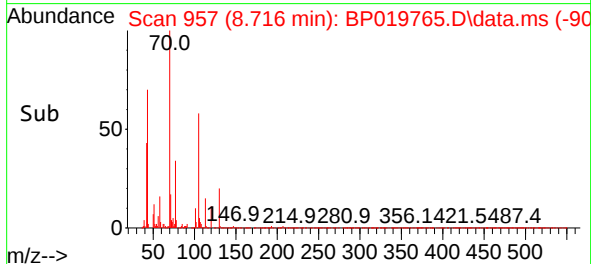
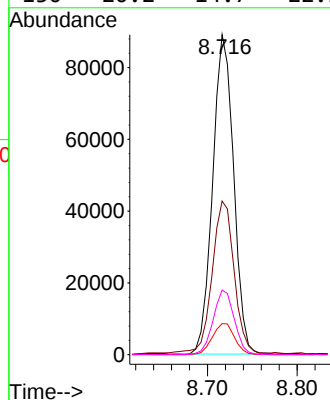
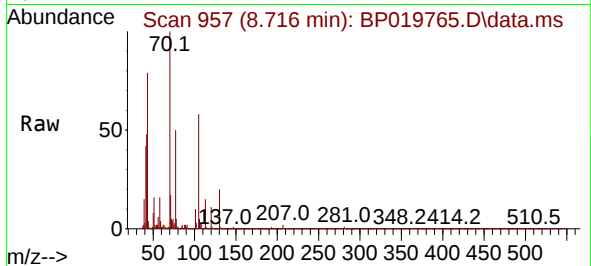




#19
n-Nitroso-di-n-propylamine
Concen: 44.425 ng
RT: 8.716 min Scan# 91
Delta R.T. -0.017 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

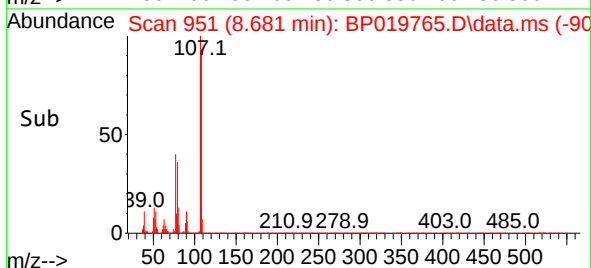
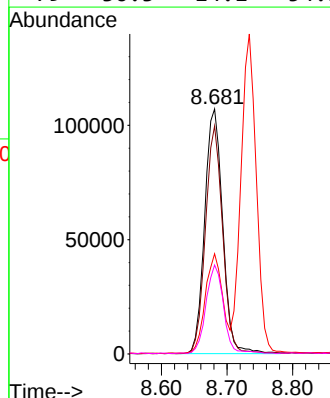
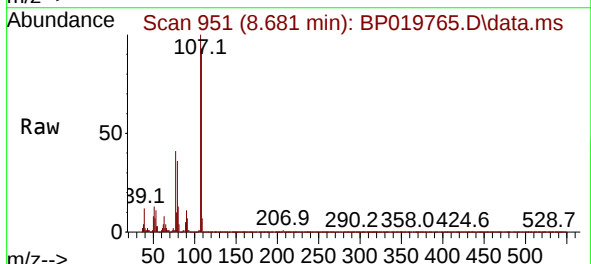
Instrument :
BNA_P
ClientSampleId :
TP-2MS

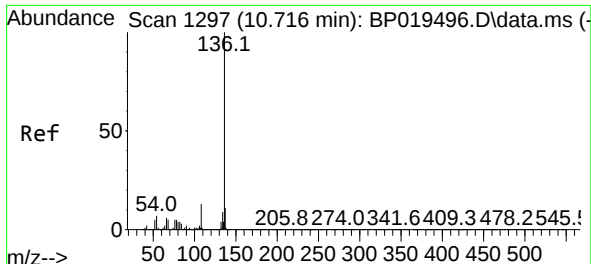
Tgt Ion: 70	Resp: 144245
Ion Ratio	Lower Upper
70 100	
42 48.0	39.2 58.8
101 9.7	7.3 10.9
130 20.2	14.7 22.1



#20
3+4-Methylphenols
Concen: 46.968 ng
RT: 8.681 min Scan# 951
Delta R.T. -0.011 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

Tgt	Ion:107	Resp:	204456
Ion	Ratio	Lower	Upper
107	100		
108	93.1	65.5	105.5
77	40.9	21.8	61.8
79	36.3	14.1	54.1

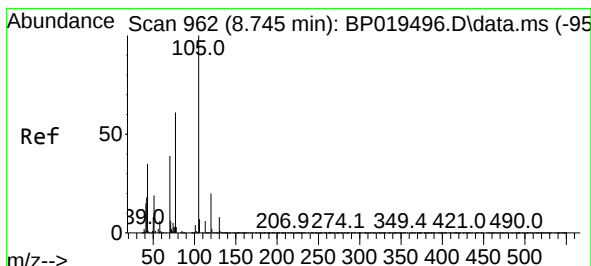
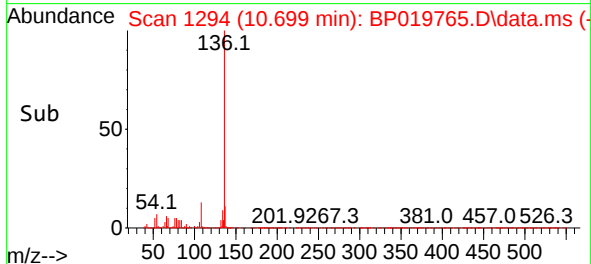
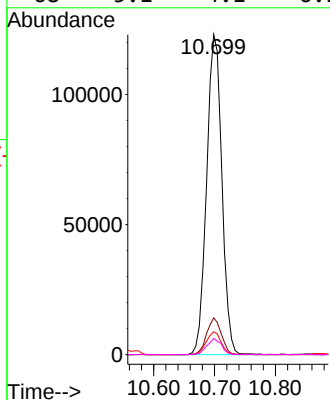
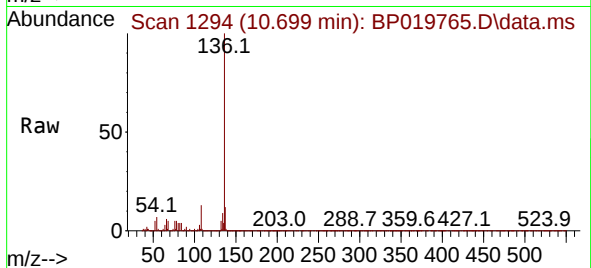




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 11
Delta R.T. -0.017 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

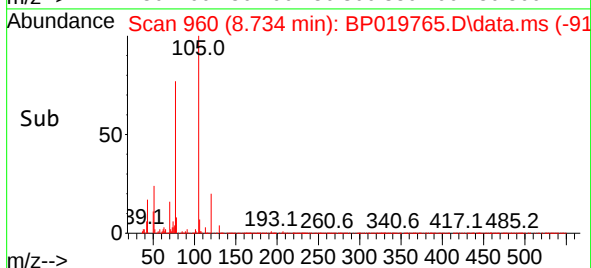
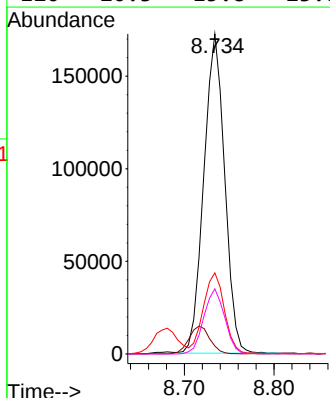
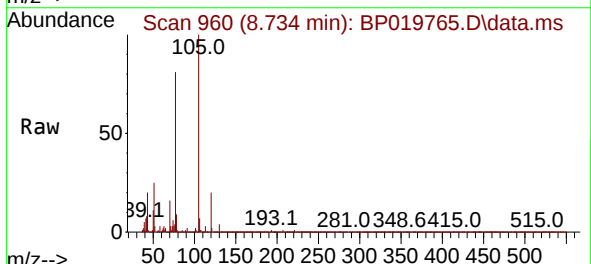
Instrument :
BNA_P
ClientSampleId :
TP-2MS

Tgt Ion:	136	Resp:	213858
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.8	13.2
54	7.2	5.3	7.9
68	5.1	4.1	6.1



#22
Acetophenone
Concen: 45.664 ng
RT: 8.734 min Scan# 960
Delta R.T. -0.011 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

Tgt Ion:	105	Resp:	278210
Ion Ratio	Lower	Upper	
105	100		
71	2.5	4.9	7.3#
51	25.4	20.7	31.1
120	20.3	15.8	23.8





#23

Nitrobenzene-d5

Concen: 87.165 ng

RT: 9.069 min Scan# 1017

Delta R.T. -0.017 min

Lab File: BP019765.D

Acq: 19 Feb 2024 16:21

Instrument :

BNA_P

ClientSampleId :

TP-2MS

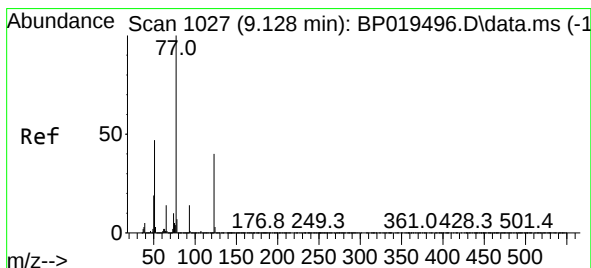
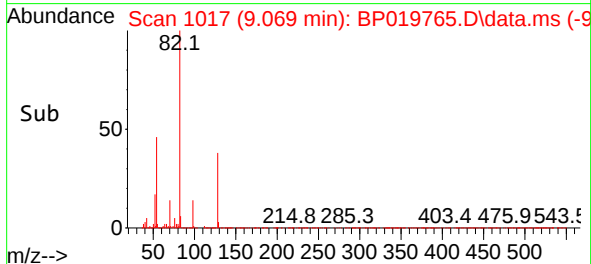
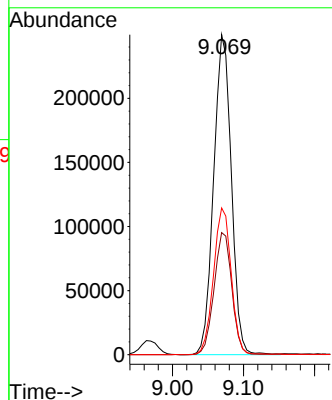
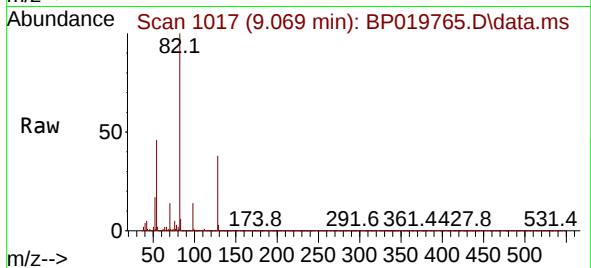
Tgt Ion: 82 Resp: 430194

Ion Ratio Lower Upper

82 100

128 38.1 29.7 44.5

54 45.8 36.8 55.2



#24

Nitrobenzene

Concen: 43.928 ng

RT: 9.110 min Scan# 1024

Delta R.T. -0.017 min

Lab File: BP019765.D

Acq: 19 Feb 2024 16:21

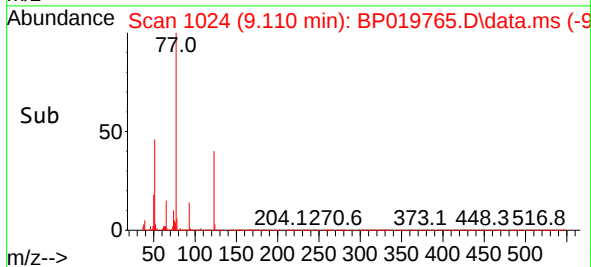
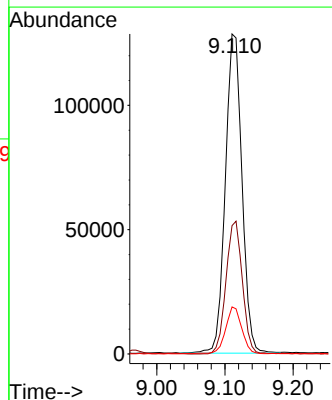
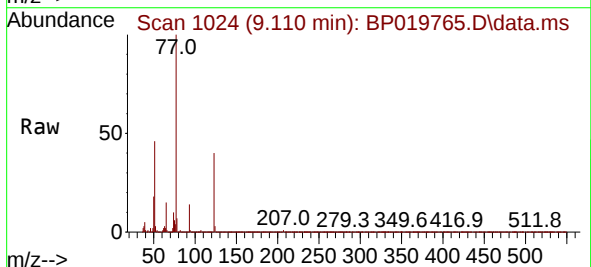
Tgt Ion: 77 Resp: 218289

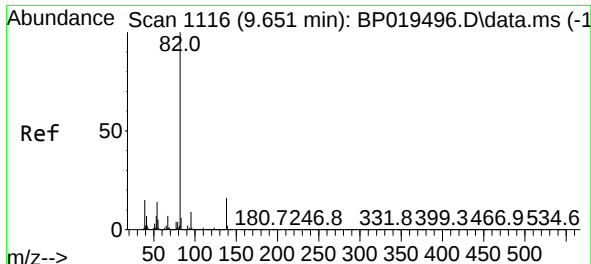
Ion Ratio Lower Upper

77 100

123 40.1 32.3 48.5

65 14.7 11.6 17.4

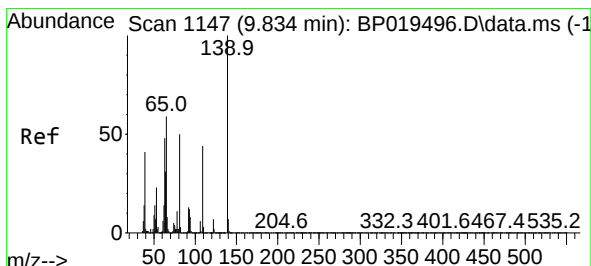
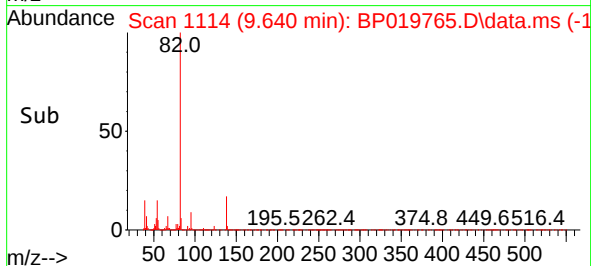
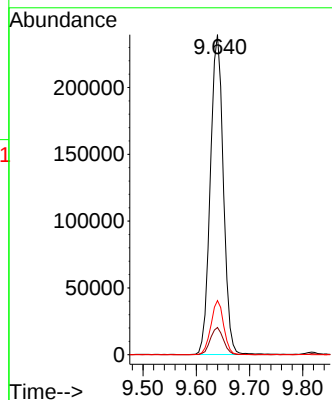
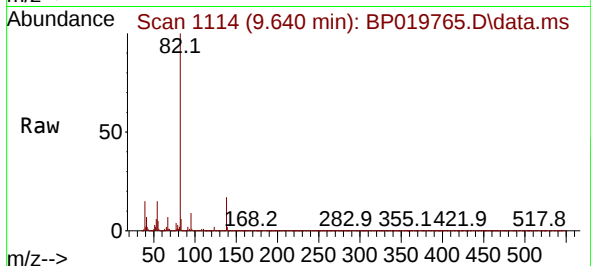




#25
Isophorone
Concen: 47.234 ng
RT: 9.640 min Scan# 1114
Delta R.T. -0.011 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

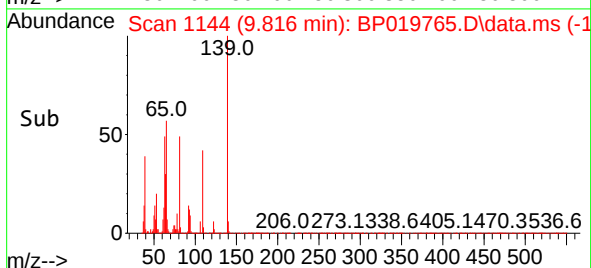
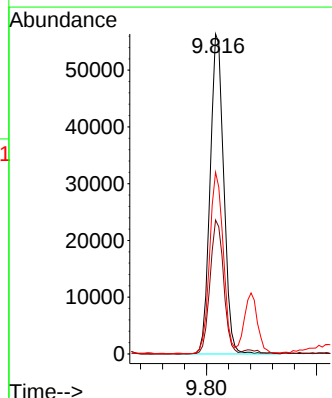
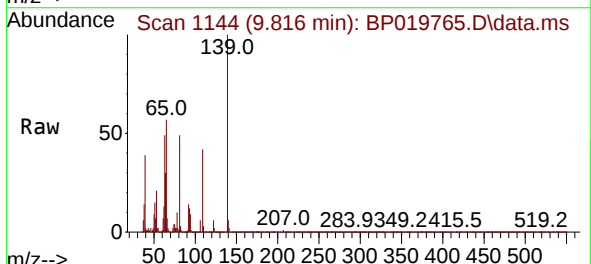
Instrument :
BNA_P
ClientSampleId :
TP-2MS

Tgt Ion: 82 Resp: 405989
Ion Ratio Lower Upper
82 100
95 8.5 7.0 10.4
138 16.9 13.1 19.7



#26
2-Nitrophenol
Concen: 51.300 ng
RT: 9.816 min Scan# 1144
Delta R.T. -0.017 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

Tgt Ion: 139 Resp: 97199
Ion Ratio Lower Upper
139 100
109 41.8 34.9 52.3
65 56.8 47.5 71.3





#27

2,4-Dimethylphenol

Concen: 56.253 ng

RT: 9.881 min Scan# 1155

Delta R.T. -0.017 min

Lab File: BP019765.D

Acq: 19 Feb 2024 16:21

Instrument :

BNA_P

ClientSampleId :

TP-2MS

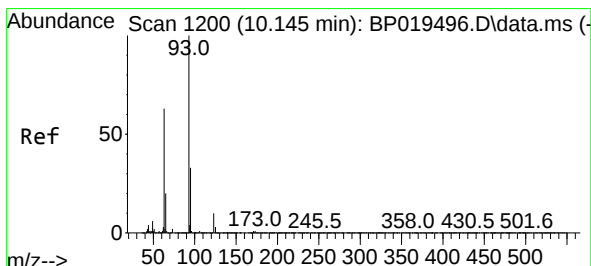
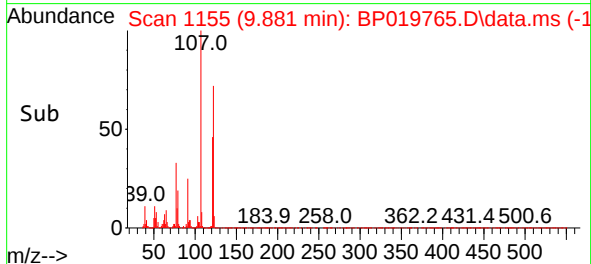
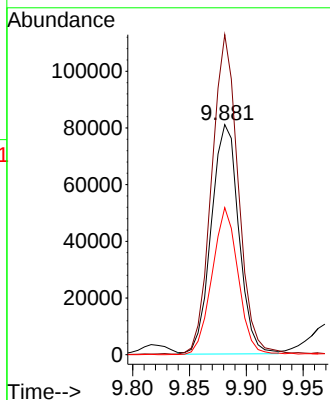
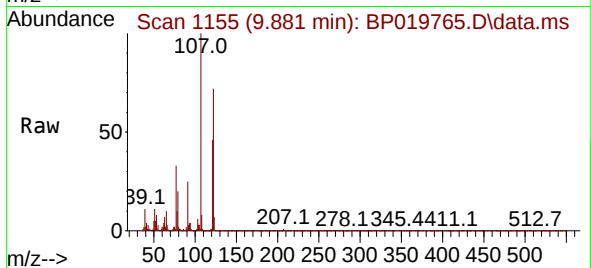
Tgt Ion:122 Resp: 136289

Ion Ratio Lower Upper

122 100

107 139.1 105.9 158.9

121 63.9 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 46.397 ng

RT: 10.128 min Scan# 1197

Delta R.T. -0.017 min

Lab File: BP019765.D

Acq: 19 Feb 2024 16:21

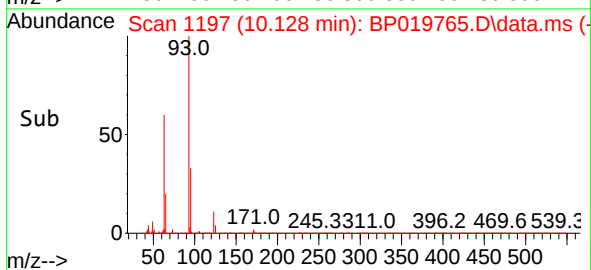
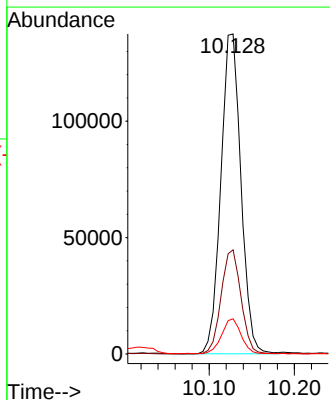
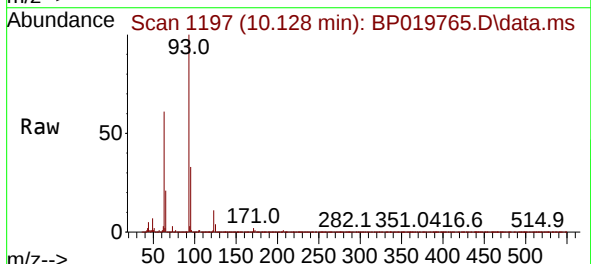
Tgt Ion: 93 Resp: 225636

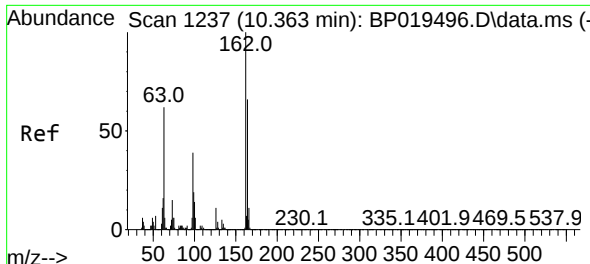
Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.4

123 11.0 8.5 12.7

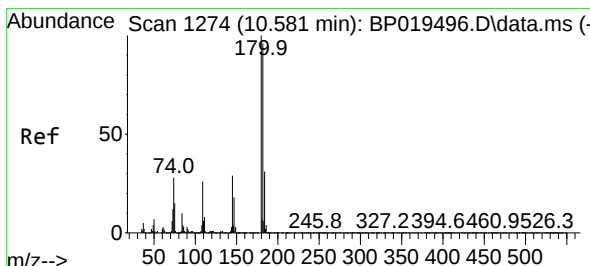
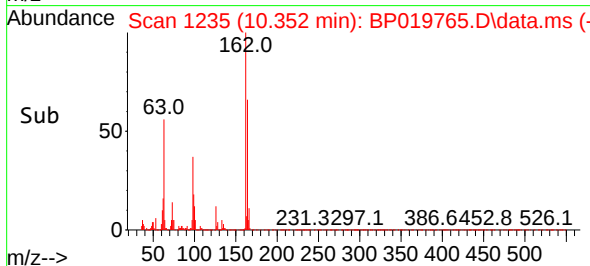
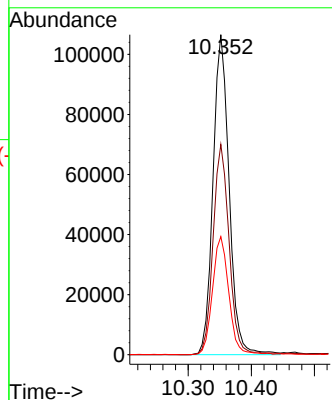
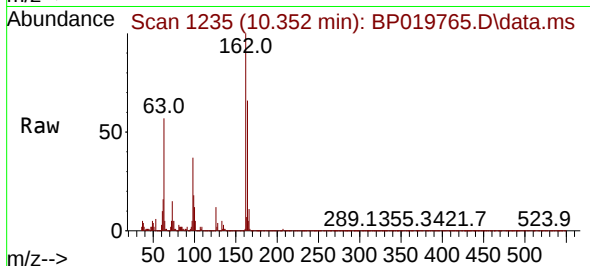




#29
2,4-Dichlorophenol
Concen: 51.563 ng
RT: 10.352 min Scan# 1235
Delta R.T. -0.011 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

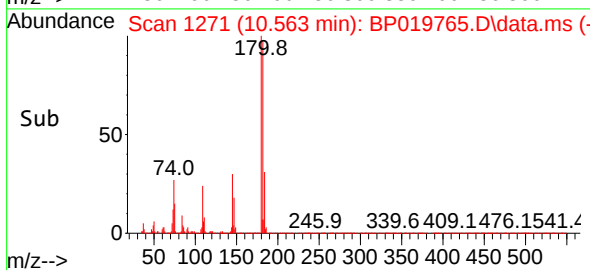
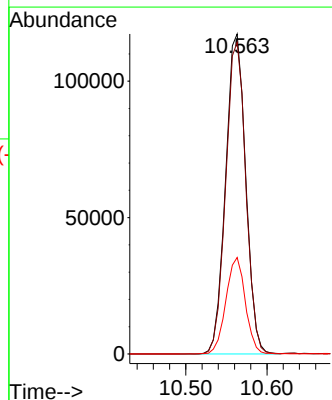
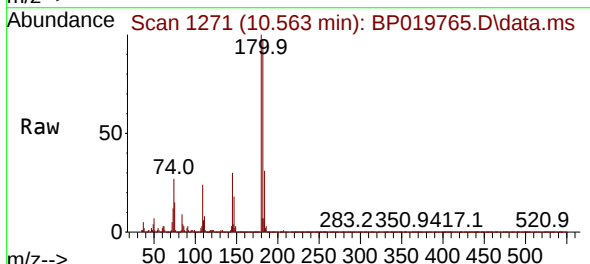
Instrument :
BNA_P
ClientSampleId :
TP-2MS

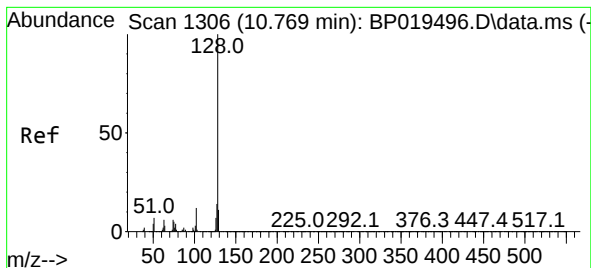
Tgt Ion:162 Resp: 188843
Ion Ratio Lower Upper
162 100
164 65.7 46.0 86.0
98 36.9 18.7 58.7



#30
1,2,4-Trichlorobenzene
Concen: 44.963 ng
RT: 10.563 min Scan# 1271
Delta R.T. -0.017 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

Tgt Ion:180 Resp: 201910
Ion Ratio Lower Upper
180 100
182 97.4 77.0 115.6
145 30.2 23.2 34.8





#31

Naphthalene

Concen: 44.850 ng

RT: 10.752 min Scan# 1180

Delta R.T. -0.017 min

Lab File: BP019765.D

Acq: 19 Feb 2024 16:21

Instrument :

BNA_P

ClientSampleId :

TP-2MS

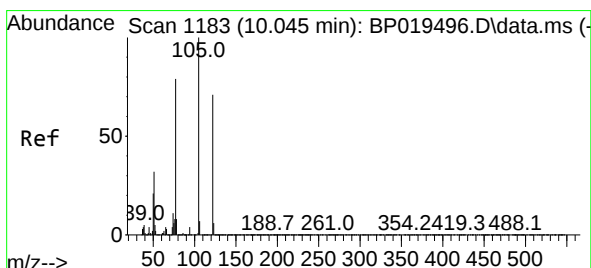
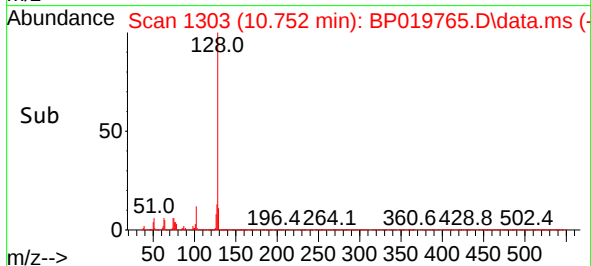
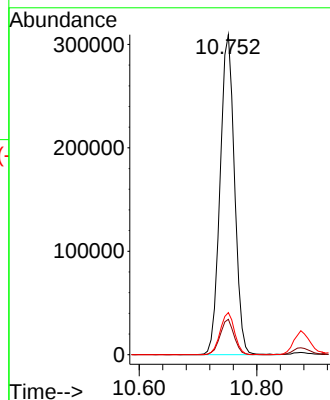
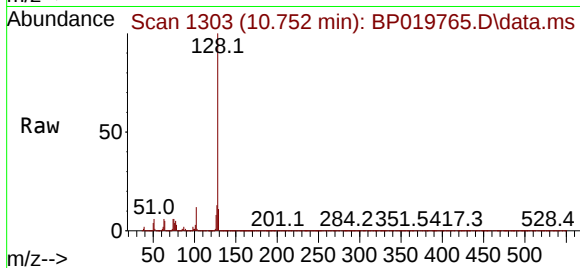
Tgt Ion:128 Resp: 526052

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

127 13.2 10.8 16.2



#32

Benzoic acid

Concen: 53.307 ng

RT: 10.028 min Scan# 1180

Delta R.T. -0.017 min

Lab File: BP019765.D

Acq: 19 Feb 2024 16:21

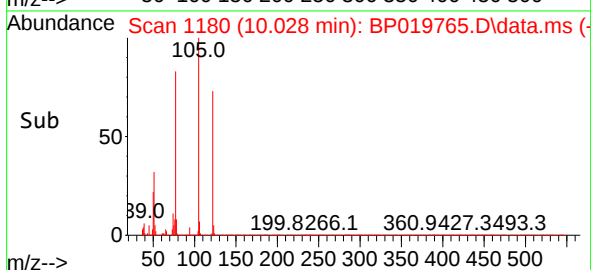
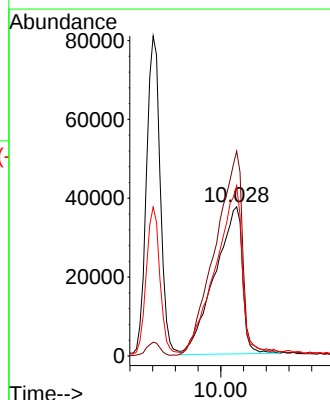
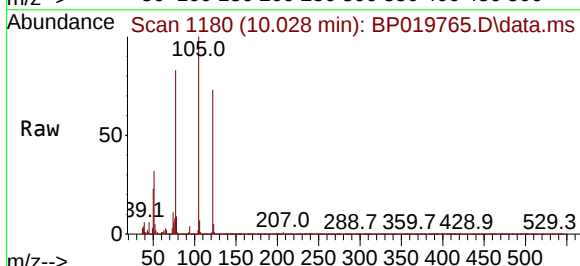
Tgt Ion:122 Resp: 125832

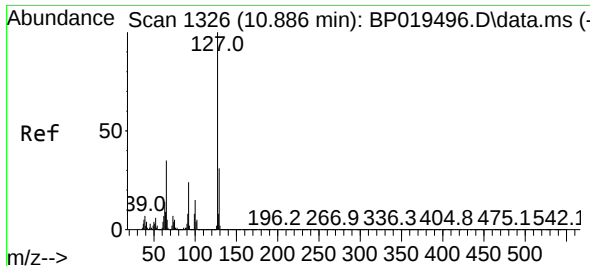
Ion Ratio Lower Upper

122 100

105 137.3 118.8 158.8

77 114.2 91.7 131.7

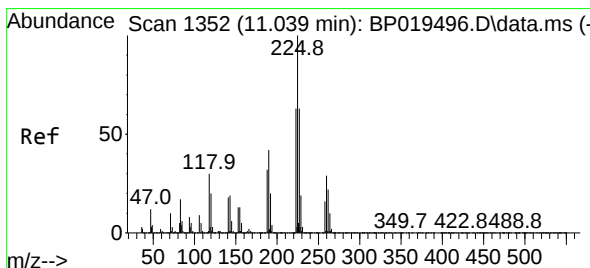
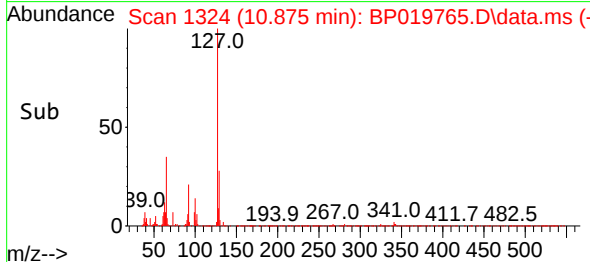
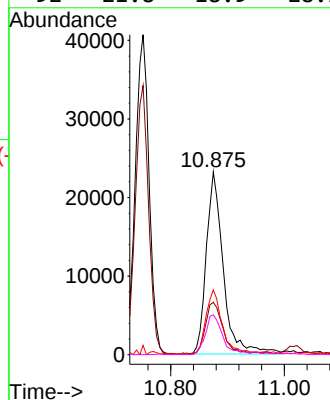
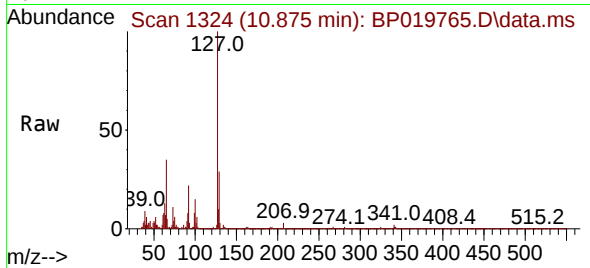




#33
4-Chloroaniline
Concen: 11.101 ng
RT: 10.875 min Scan# 11
Delta R.T. -0.011 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

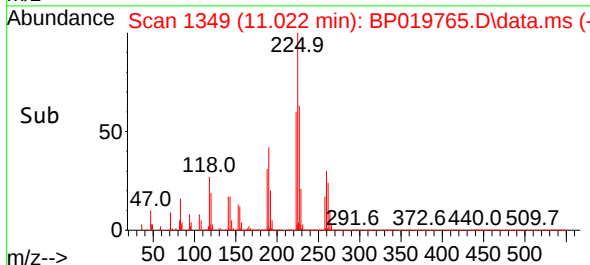
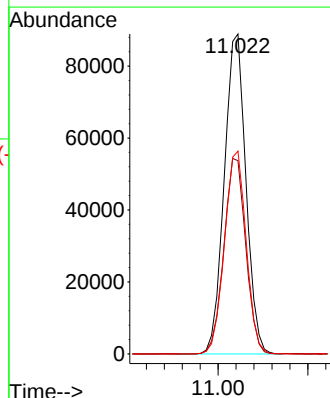
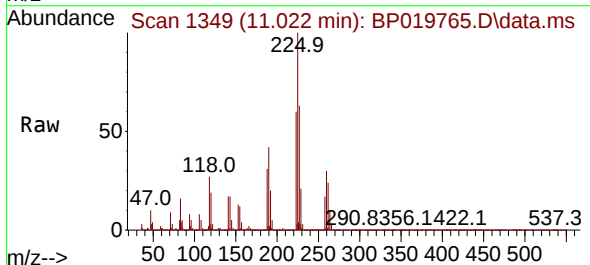
Instrument :
BNA_P
ClientSampleId :
TP-2MS

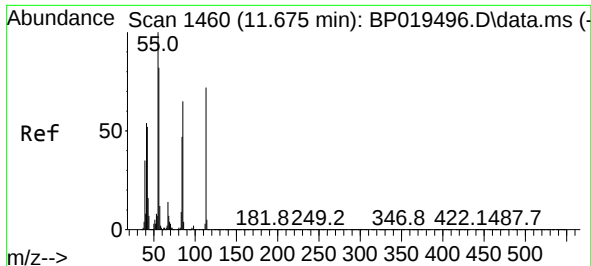
Tgt Ion:127	Resp:	48154
Ion Ratio	Lower	Upper
127	100	
129	28.6	24.6 36.8
65	35.4	28.2 42.4
92	21.8	18.9 28.3



#34
Hexachlorobutadiene
Concen: 44.739 ng
RT: 11.022 min Scan# 1349
Delta R.T. -0.017 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

Tgt Ion:225	Resp:	148876
Ion Ratio	Lower	Upper
225	100	
223	60.4	50.5 75.7
227	63.4	50.2 75.2

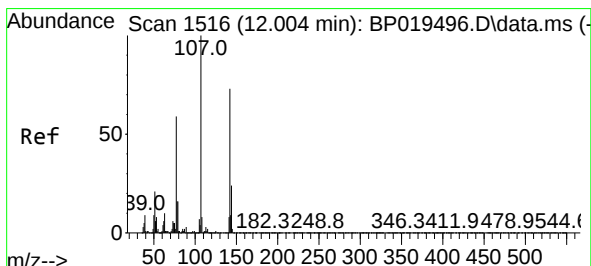
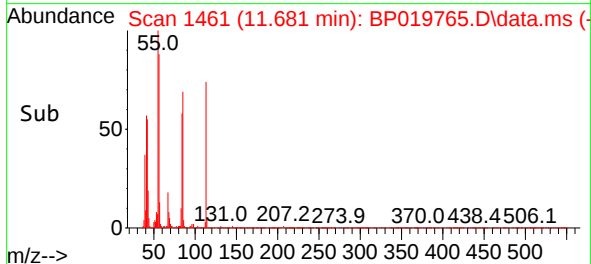
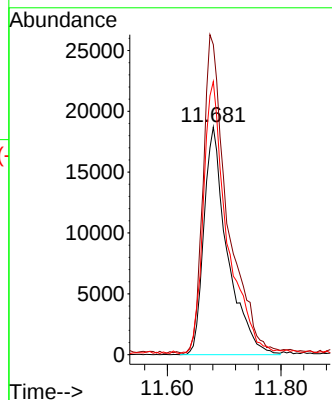
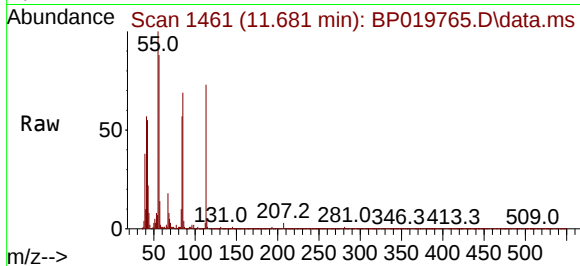




#35
Caprolactam
Concen: 51.587 ng
RT: 11.681 min Scan# 1460
Delta R.T. 0.006 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

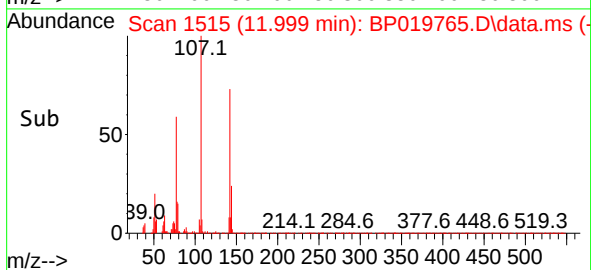
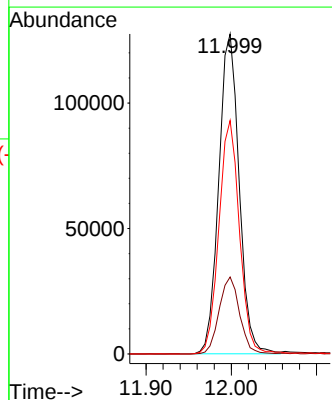
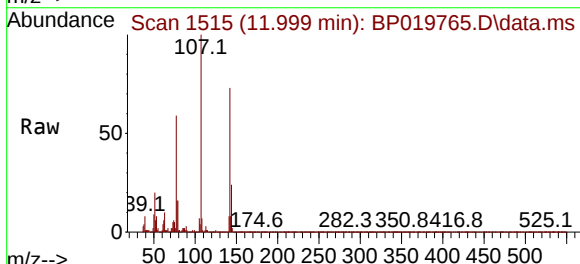
Instrument :
BNA_P
ClientSampleId :
TP-2MS

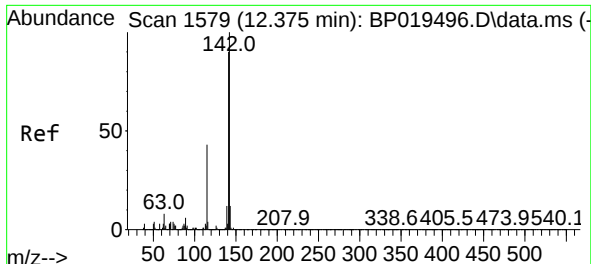
Tgt Ion:113 Resp: 53485
Ion Ratio Lower Upper
113 100
55 136.2 120.0 160.0
56 120.0 94.0 134.0



#36
4-Chloro-3-methylphenol
Concen: 53.055 ng
RT: 11.999 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

Tgt Ion:107 Resp: 211872
Ion Ratio Lower Upper
107 100
144 24.0 19.0 28.4
142 73.0 58.6 88.0

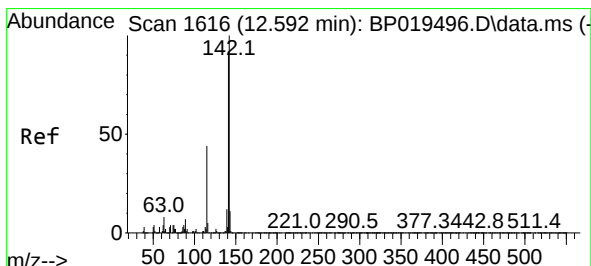
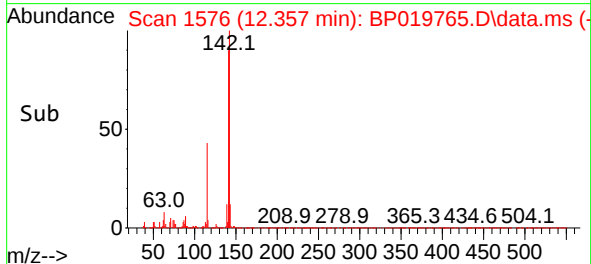
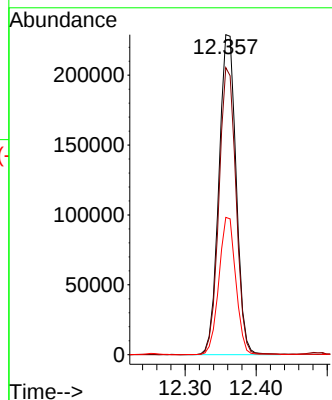
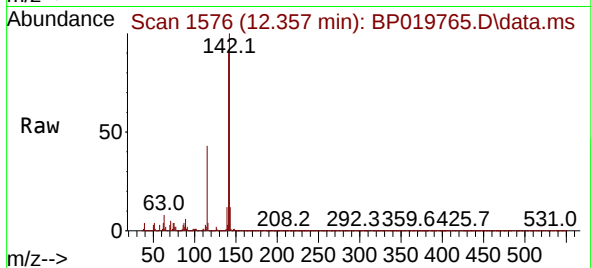




#37
2-Methylnaphthalene
Concen: 47.359 ng
RT: 12.357 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

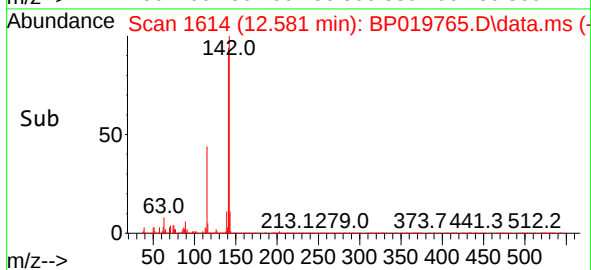
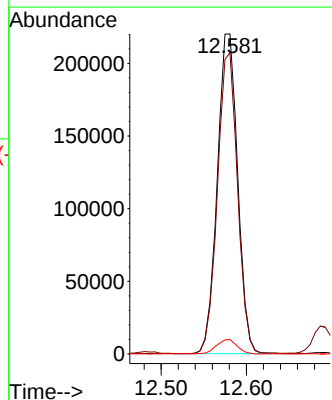
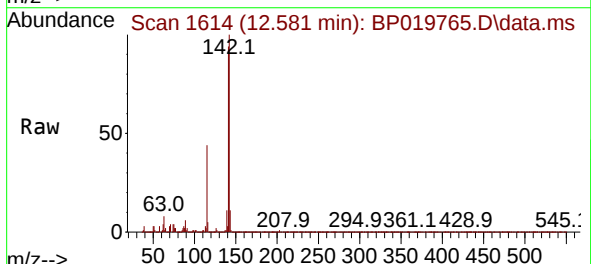
Instrument :
BNA_P
ClientSampleId :
TP-2MS

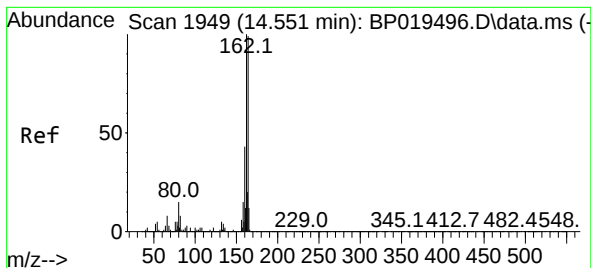
Tgt Ion:142 Resp: 384418
Ion Ratio Lower Upper
142 100
141 89.7 72.2 108.4
115 42.9 34.2 51.2



#38
1-Methylnaphthalene
Concen: 45.953 ng
RT: 12.581 min Scan# 1614
Delta R.T. -0.011 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

Tgt Ion:142 Resp: 366560
Ion Ratio Lower Upper
142 100
141 94.1 74.0 111.0
116 4.5 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.534 min Scan# 1946

Delta R.T. -0.017 min

Lab File: BP019765.D

Acq: 19 Feb 2024 16:21

Instrument :

BNA_P

ClientSampleId :

TP-2MS

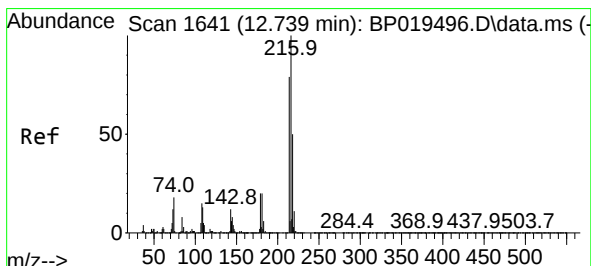
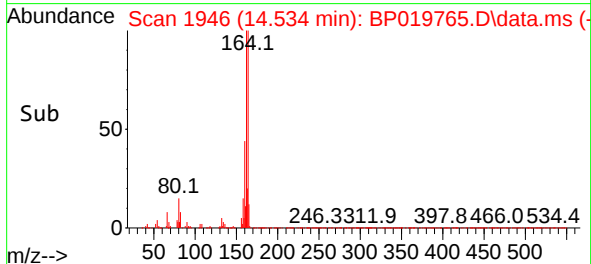
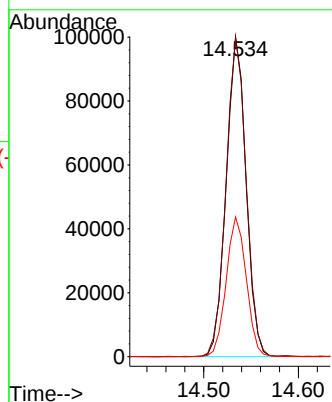
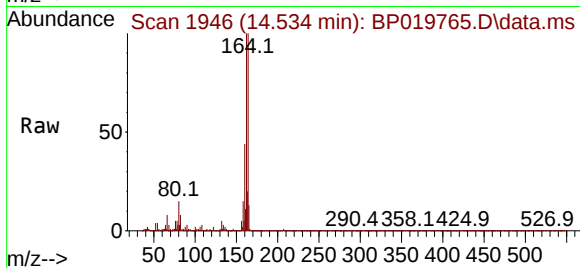
Tgt Ion:164 Resp: 145842

Ion Ratio Lower Upper

164 100

162 99.7 81.2 121.8

160 43.7 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.721 ng

RT: 12.722 min Scan# 1638

Delta R.T. -0.017 min

Lab File: BP019765.D

Acq: 19 Feb 2024 16:21

Tgt Ion:216 Resp: 268413

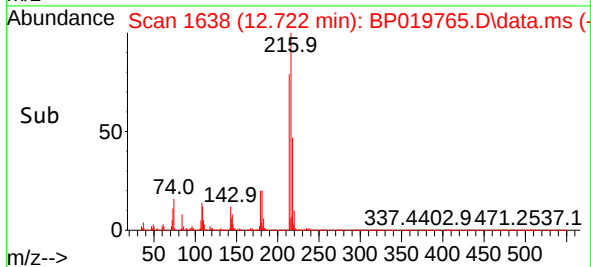
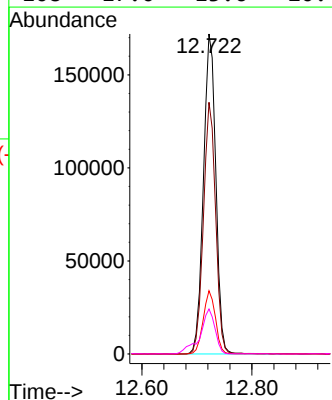
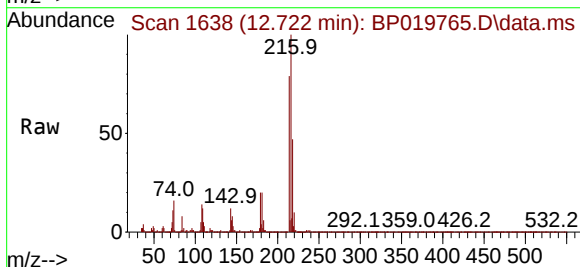
Ion Ratio Lower Upper

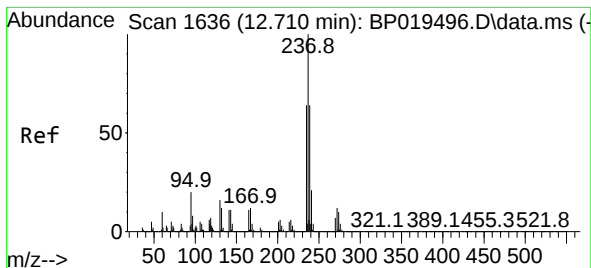
216 100

214 77.6 62.8 94.2

179 19.6 16.6 24.8

108 17.0 13.6 20.4





#41

Hexachlorocyclopentadiene

Concen: 117.276 ng

RT: 12.693 min Scan# 1

Delta R.T. -0.017 min

Lab File: BP019765.D

Acq: 19 Feb 2024 16:21

Instrument :

BNA_P

ClientSampleId :

TP-2MS

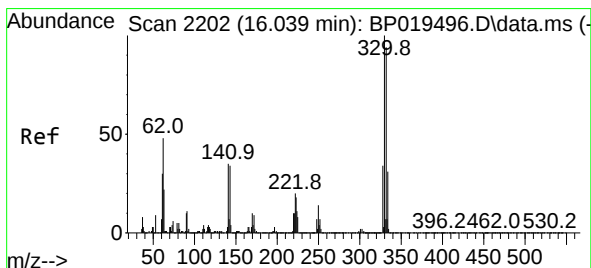
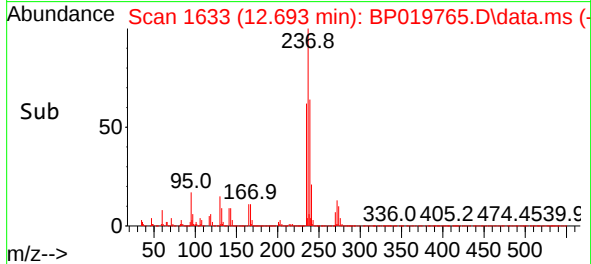
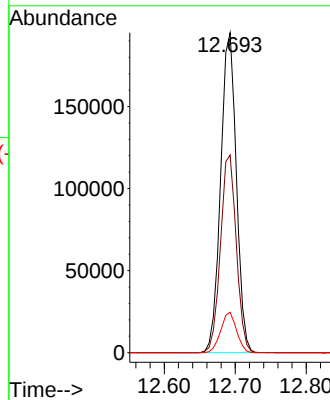
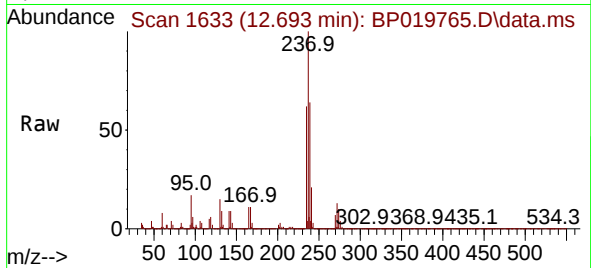
Tgt Ion:237 Resp: 297986

Ion Ratio Lower Upper

237 100

235 61.7 43.7 83.7

272 12.6 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 183.871 ng

RT: 16.034 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BP019765.D

Acq: 19 Feb 2024 16:21

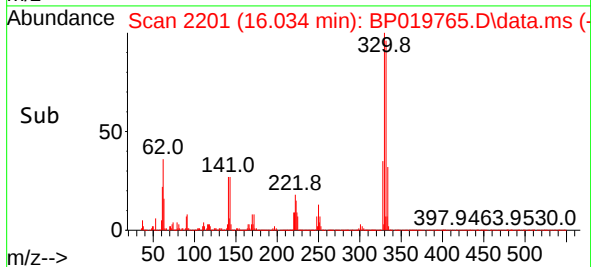
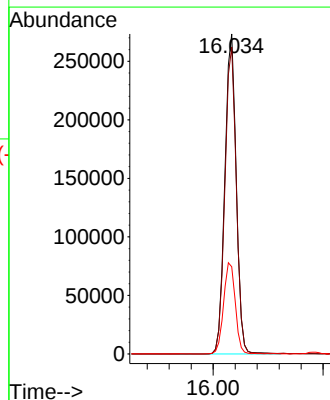
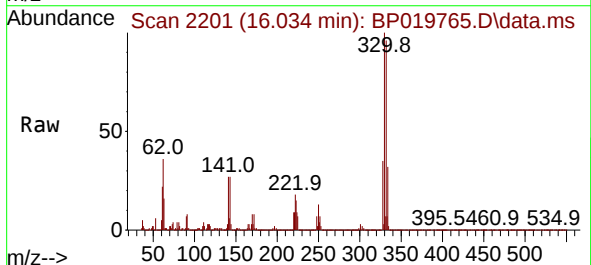
Tgt Ion:330 Resp: 391535

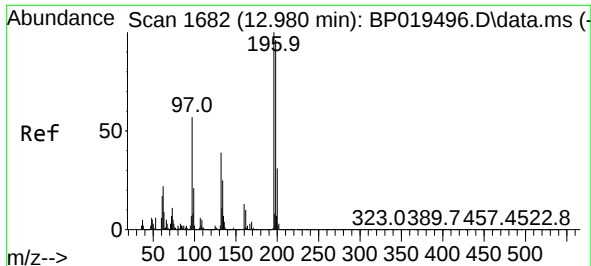
Ion Ratio Lower Upper

330 100

332 96.1 77.2 115.8

141 29.4 27.0 40.4

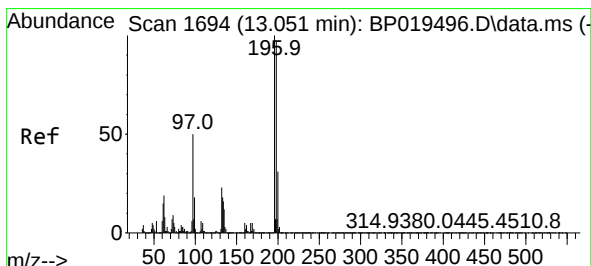
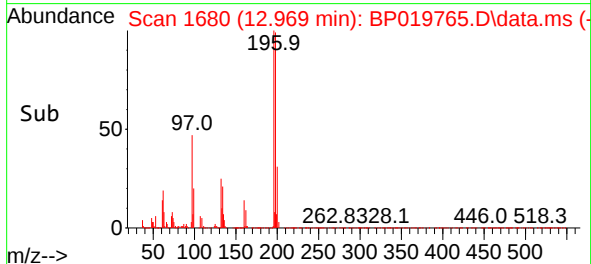
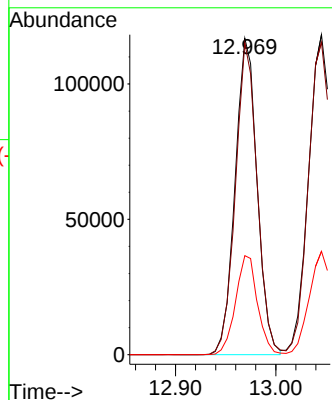
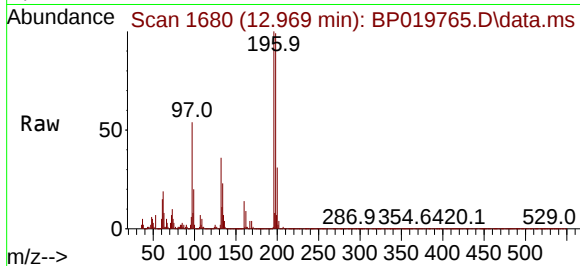




#43
2,4,6-Trichlorophenol
Concen: 52.390 ng
RT: 12.969 min Scan# 1680
Delta R.T. -0.011 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

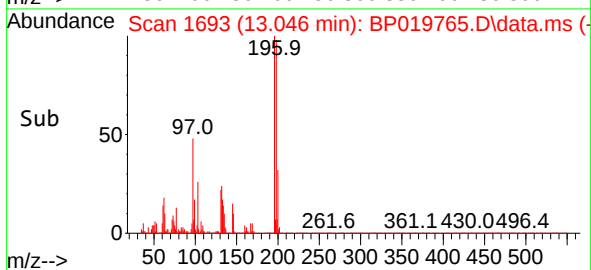
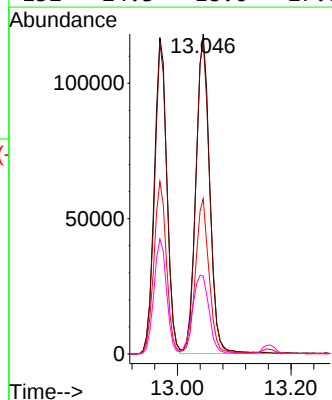
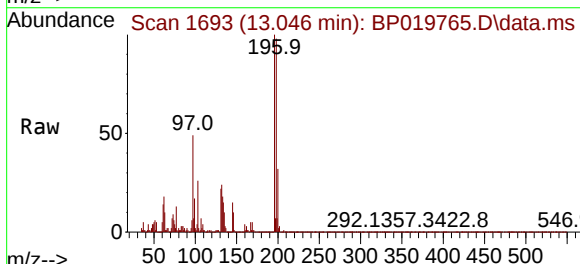
Instrument :
BNA_P
ClientSampleId :
TP-2MS

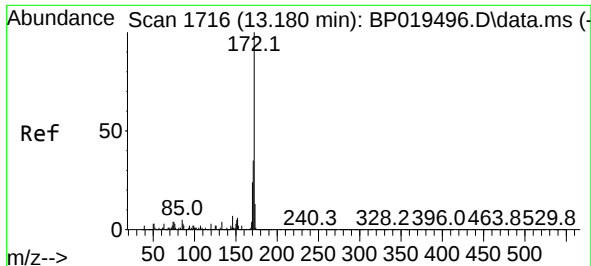
Tgt Ion:196 Resp: 178430
Ion Ratio Lower Upper
196 100
198 98.5 76.7 115.1
200 31.3 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 53.549 ng
RT: 13.046 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

Tgt Ion:196 Resp: 200265
Ion Ratio Lower Upper
196 100
198 97.7 77.5 116.3
97 48.5 39.9 59.9
132 24.3 18.6 27.8

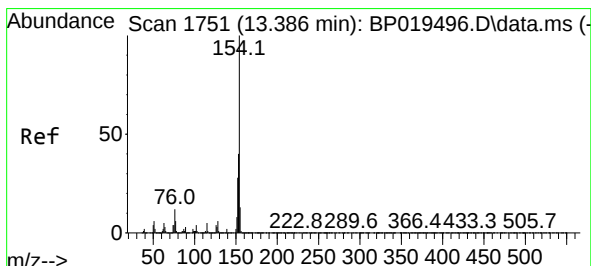
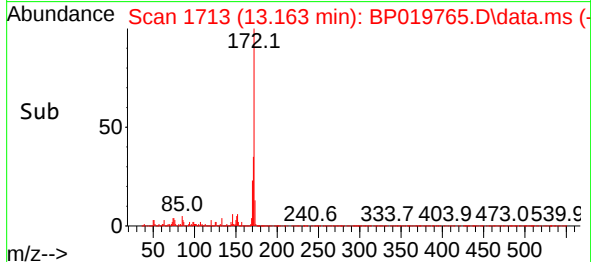
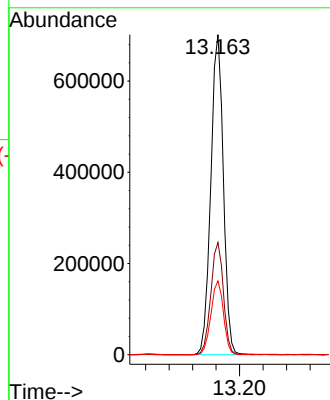
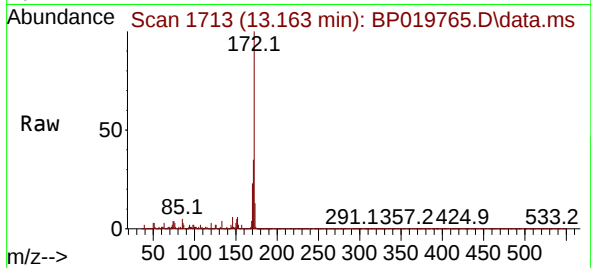




#45
2-Fluorobiphenyl
Concen: 88.109 ng
RT: 13.163 min Scan# 1716
Delta R.T. -0.017 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

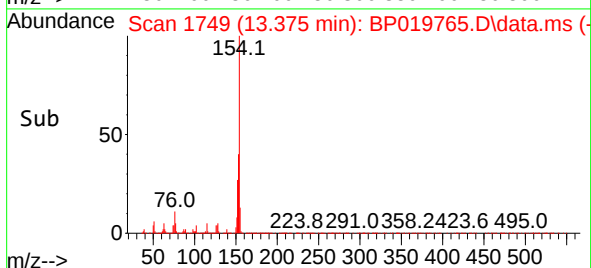
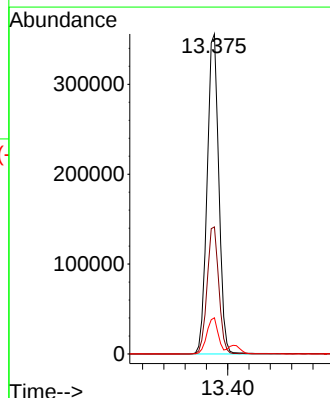
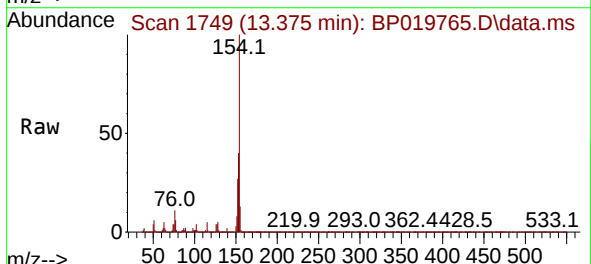
Instrument :
BNA_P
ClientSampleId :
TP-2MS

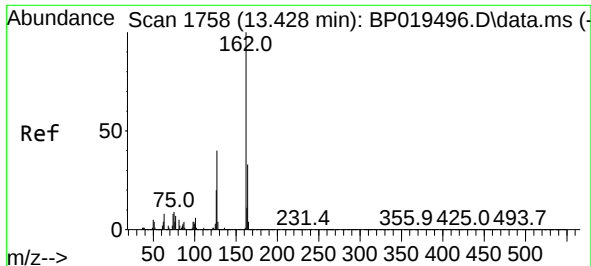
Tgt Ion:172 Resp: 1039450
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.0 18.9 28.3



#46
1,1'-Biphenyl
Concen: 46.412 ng
RT: 13.375 min Scan# 1749
Delta R.T. -0.011 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

Tgt Ion:154 Resp: 540246
Ion Ratio Lower Upper
154 100
153 39.7 20.2 60.2
76 11.3 0.0 31.6

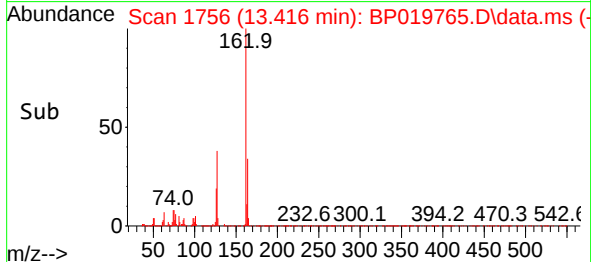
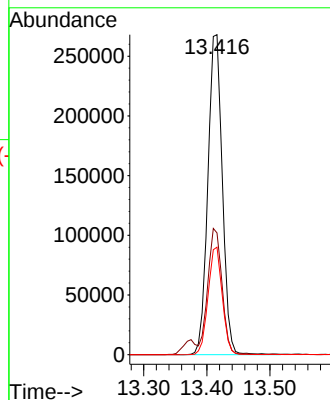
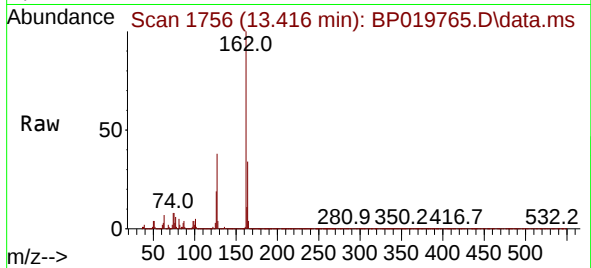




#47
2-Chloronaphthalene
Concen: 44.681 ng
RT: 13.416 min Scan# 1756
Delta R.T. -0.011 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

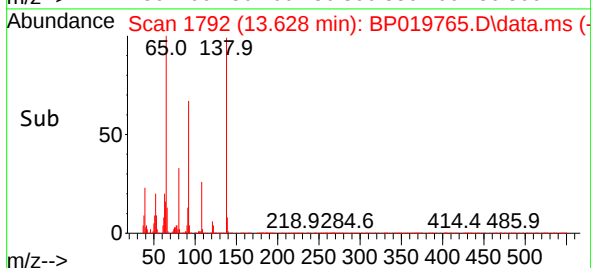
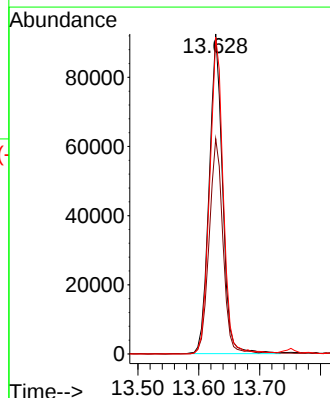
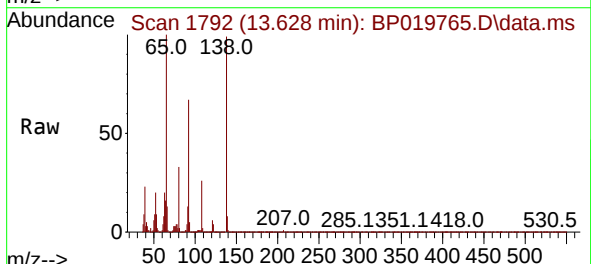
Instrument :
BNA_P
ClientSampleId :
TP-2MS

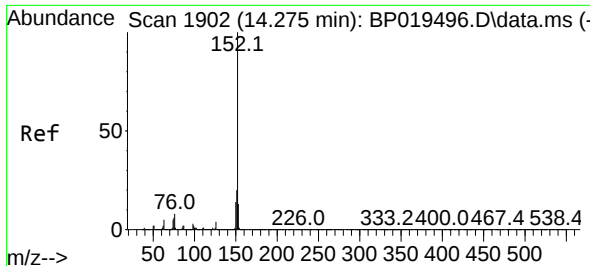
Tgt Ion:162 Resp: 426933
Ion Ratio Lower Upper
162 100
127 38.0 32.1 48.1
164 33.6 26.7 40.1



#48
2-Nitroaniline
Concen: 52.925 ng
RT: 13.628 min Scan# 1792
Delta R.T. -0.011 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

Tgt Ion: 65 Resp: 141407
Ion Ratio Lower Upper
65 100
92 67.2 54.7 82.1
138 98.9 77.8 116.6

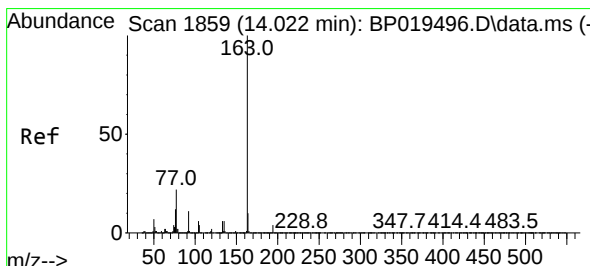
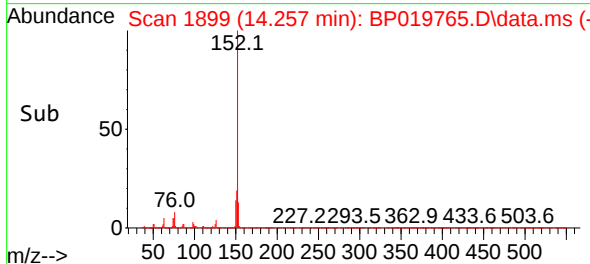
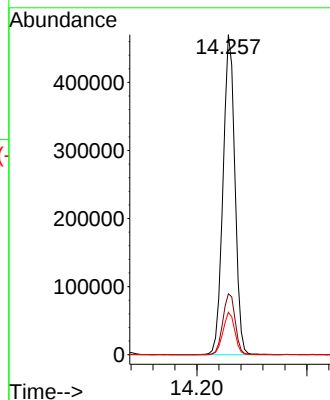
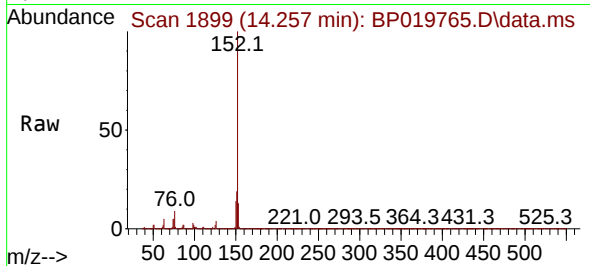




#49
Acenaphthylene
Concen: 52.496 ng
RT: 14.257 min Scan# 1899
Delta R.T. -0.017 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

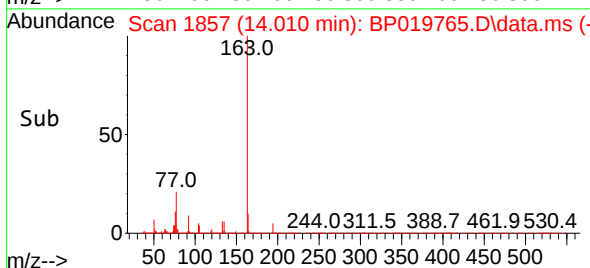
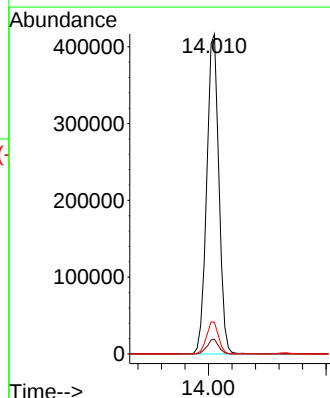
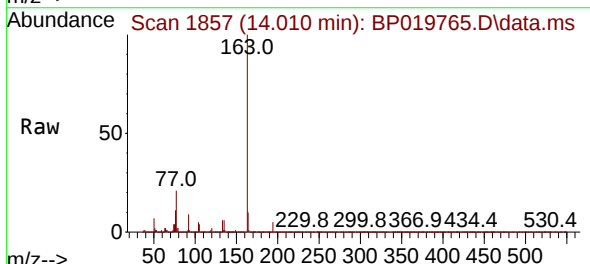
Instrument :
BNA_P
ClientSampleId :
TP-2MS

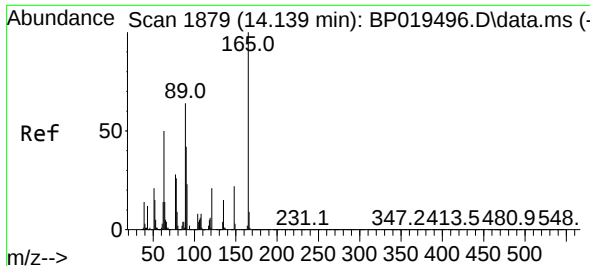
Tgt Ion:152 Resp: 703745
Ion Ratio Lower Upper
152 100
151 19.0 15.8 23.6
153 13.3 10.6 15.8



#50
Dimethylphthalate
Concen: 53.387 ng
RT: 14.010 min Scan# 1857
Delta R.T. -0.011 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

Tgt Ion:163 Resp: 596041
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 9.9 7.8 11.6

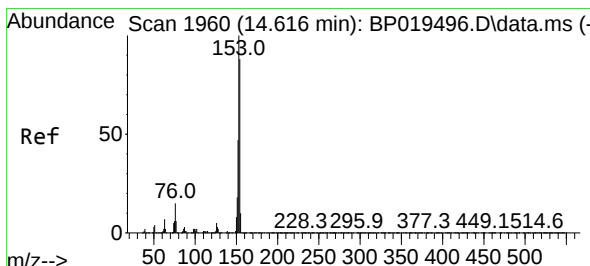
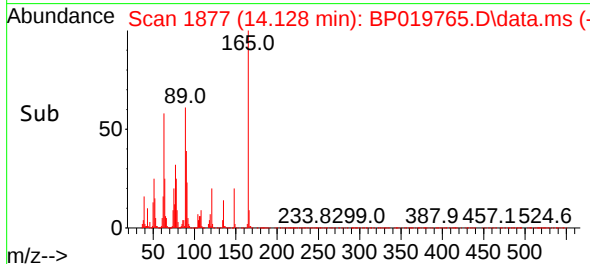
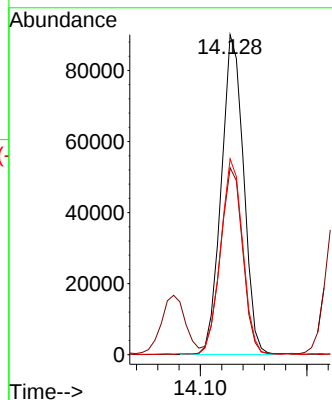
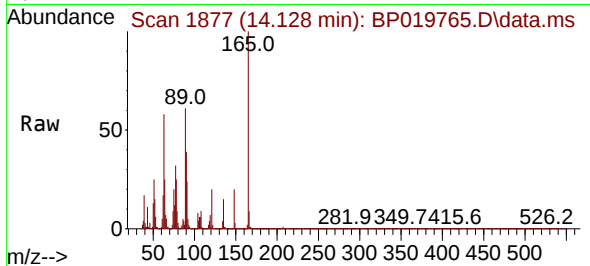




#51
2,6-Dinitrotoluene
Concen: 53.138 ng
RT: 14.128 min Scan# 1879
Delta R.T. -0.011 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

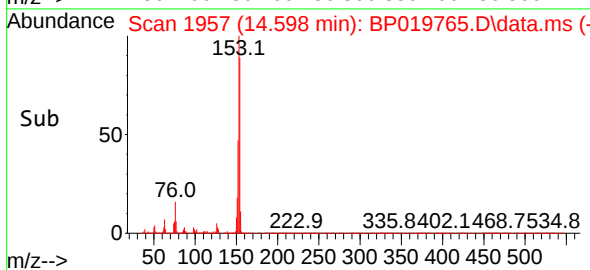
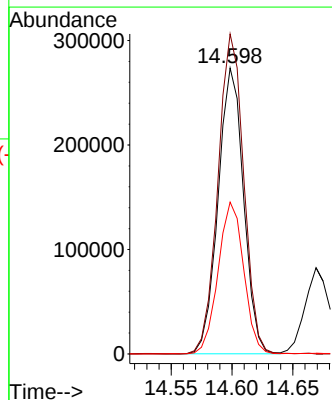
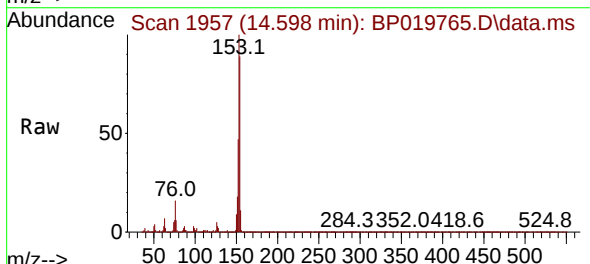
Instrument :
BNA_P
ClientSampleId :
TP-2MS

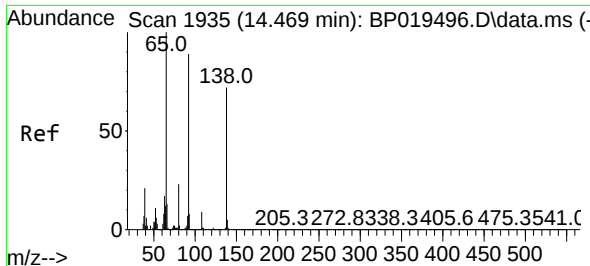
Tgt Ion:165 Resp: 130345
Ion Ratio Lower Upper
165 100
63 58.4 50.4 75.6
89 61.2 51.7 77.5



#52
Acenaphthene
Concen: 47.891 ng
RT: 14.598 min Scan# 1957
Delta R.T. -0.017 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

Tgt Ion:154 Resp: 398463
Ion Ratio Lower Upper
154 100
153 111.9 90.5 135.7
152 53.1 42.1 63.1

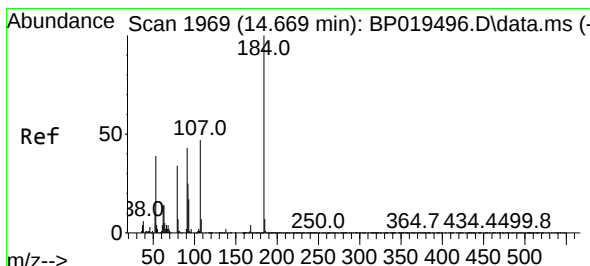
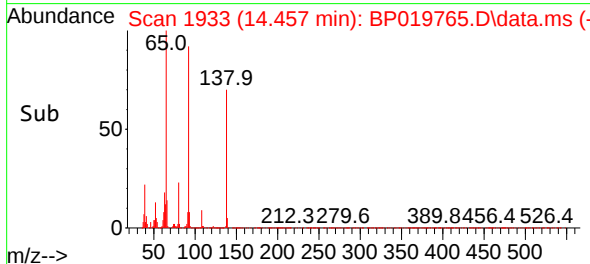
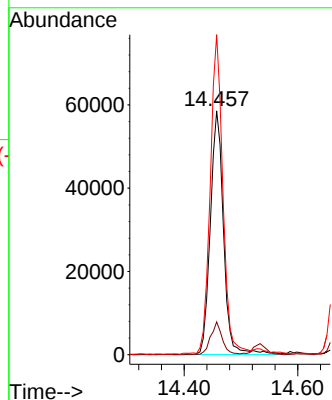
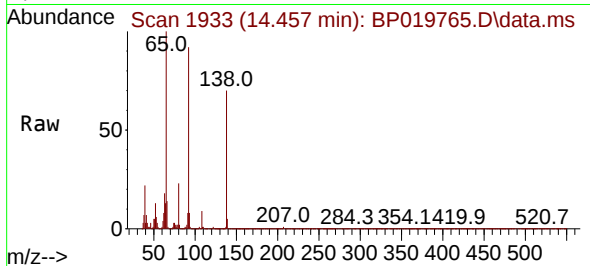




#53
3-Nitroaniline
Concen: 41.489 ng
RT: 14.457 min Scan# 1933
Delta R.T. -0.011 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

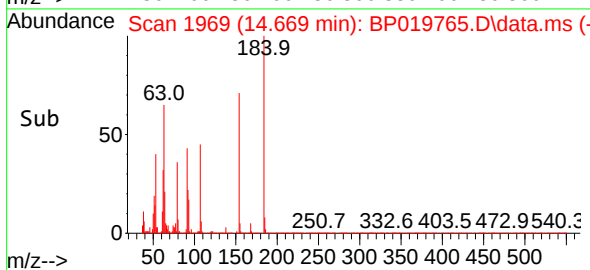
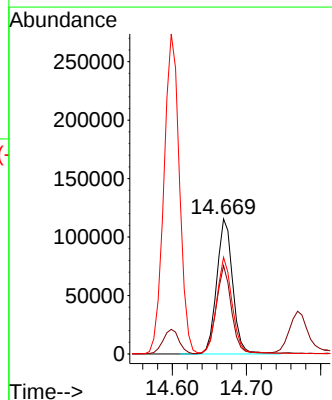
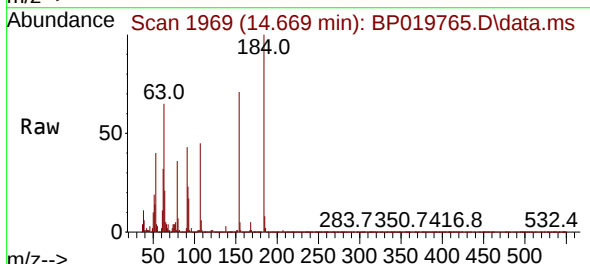
Instrument :
BNA_P
ClientSampleId :
TP-2MS

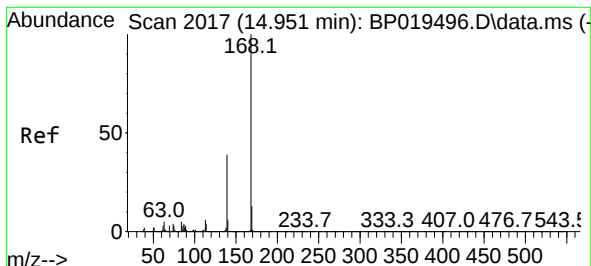
Tgt Ion:138 Resp: 93528
Ion Ratio Lower Upper
138 100
108 13.4 9.7 14.5
92 131.2 98.0 147.0



#54
2,4-Dinitrophenol
Concen: 135.679 ng
RT: 14.669 min Scan# 1969
Delta R.T. -0.000 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

Tgt Ion:184 Resp: 172801
Ion Ratio Lower Upper
184 100
63 65.3 50.5 75.7
154 71.5 53.4 80.0





#55

Dibenzofuran

Concen: 50.660 ng

RT: 14.934 min Scan# 2014

Delta R.T. -0.017 min

Lab File: BP019765.D

Acq: 19 Feb 2024 16:21

Instrument :

BNA_P

ClientSampleId :

TP-2MS

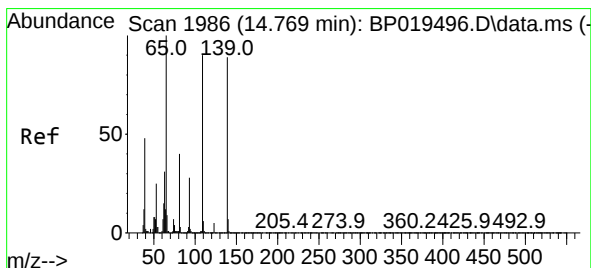
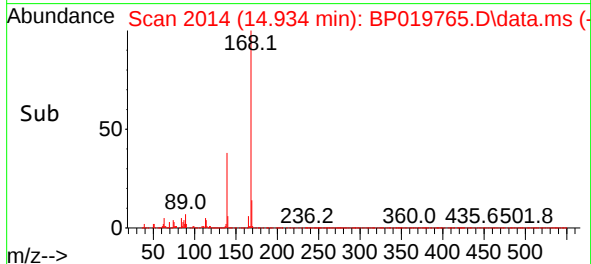
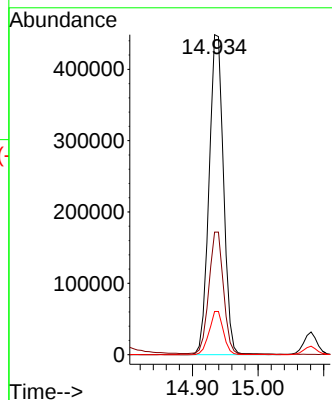
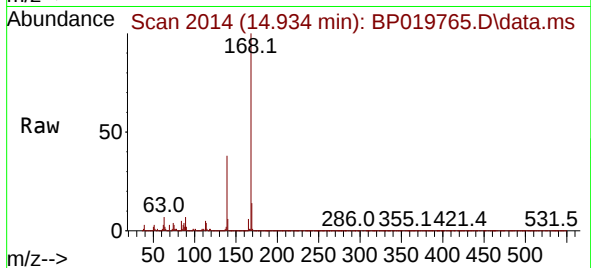
Tgt Ion:168 Resp: 686507

Ion Ratio Lower Upper

168 100

139 38.3 31.5 47.3

169 13.5 10.3 15.5



#56

4-Nitrophenol

Concen: 109.159 ng

RT: 14.769 min Scan# 1986

Delta R.T. 0.000 min

Lab File: BP019765.D

Acq: 19 Feb 2024 16:21

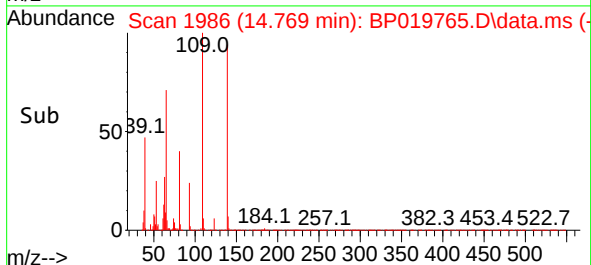
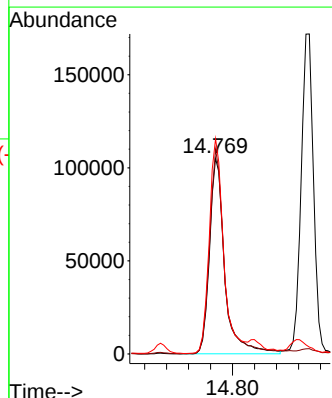
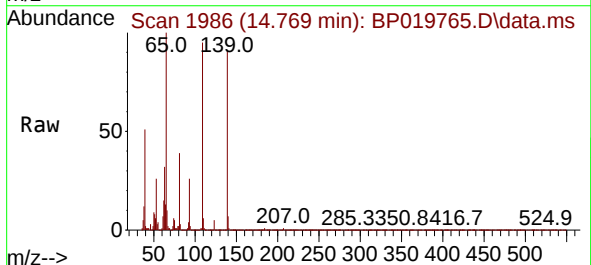
Tgt Ion:139 Resp: 201690

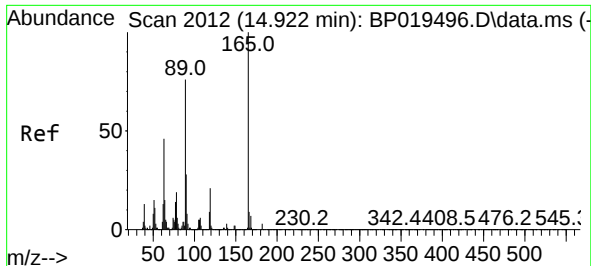
Ion Ratio Lower Upper

139 100

109 104.6 82.0 122.0

65 109.9 92.9 132.9

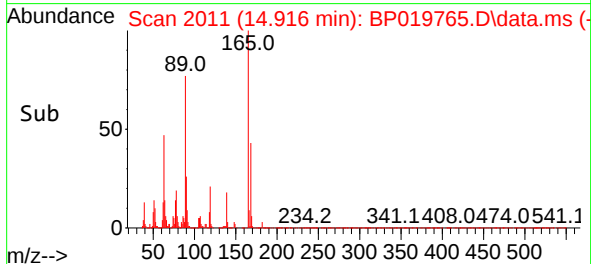
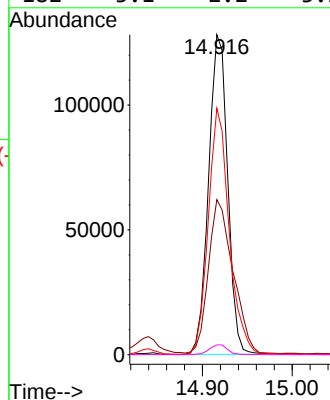
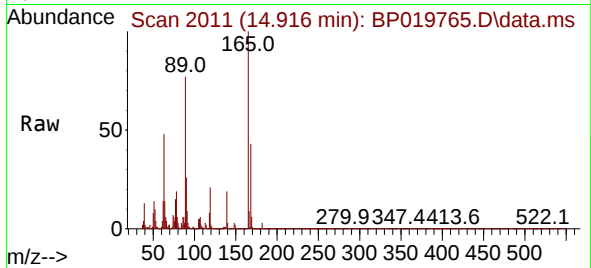




#57
2,4-Dinitrotoluene
Concen: 58.892 ng
RT: 14.916 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

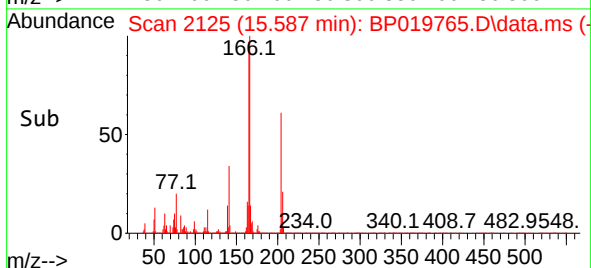
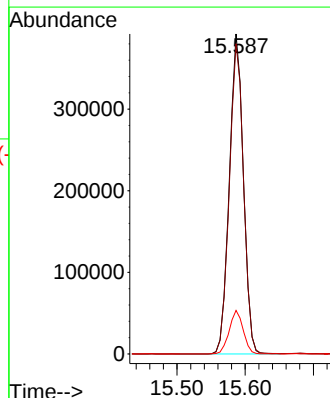
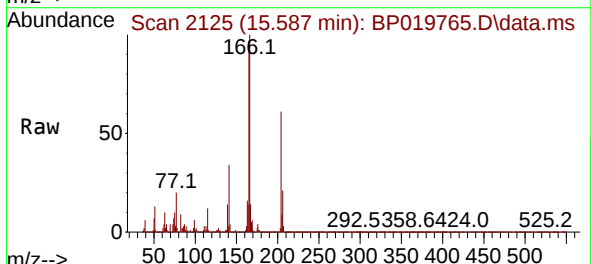
Instrument :
BNA_P
ClientSampleId :
TP-2MS

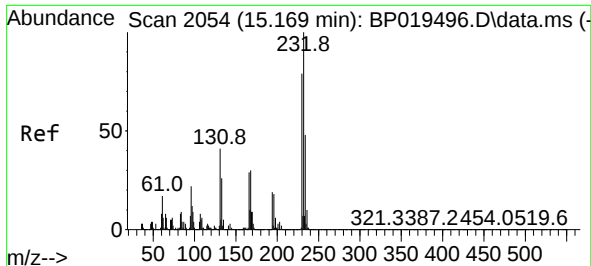
Tgt Ion:165 Resp: 189305
Ion Ratio Lower Upper
165 100
63 48.4 36.9 55.3
89 77.0 61.1 91.7
182 3.1 2.2 3.2



#58
Fluorene
Concen: 52.149 ng
RT: 15.587 min Scan# 2125
Delta R.T. -0.011 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

Tgt Ion:166 Resp: 562855
Ion Ratio Lower Upper
166 100
165 96.9 77.8 116.8
167 13.6 10.7 16.1

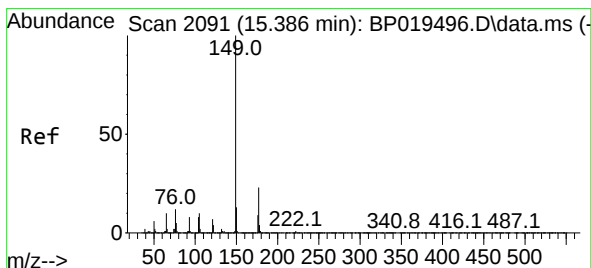
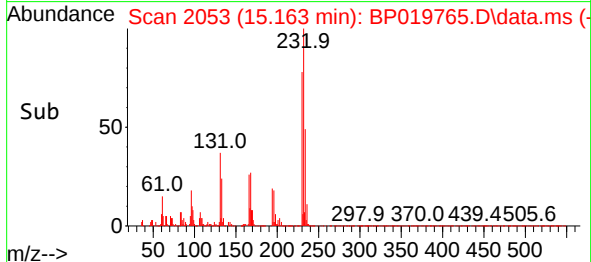
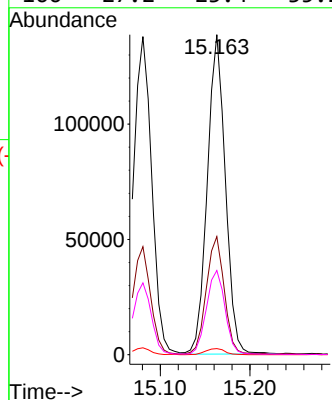
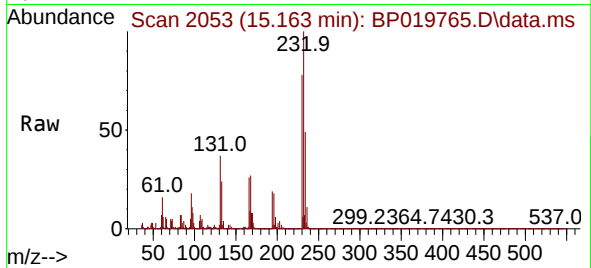




#59
2,3,4,6-Tetrachlorophenol
Concen: 61.667 ng
RT: 15.163 min Scan# 2053
Delta R.T. -0.006 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

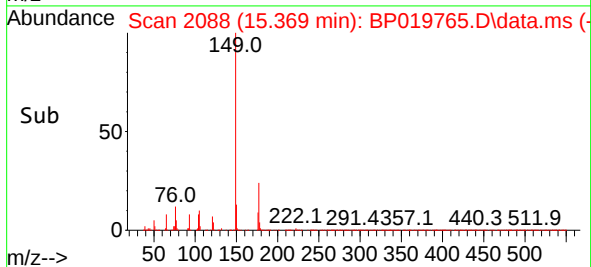
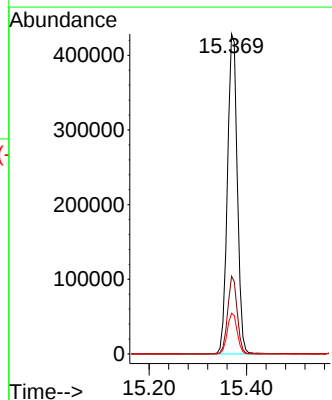
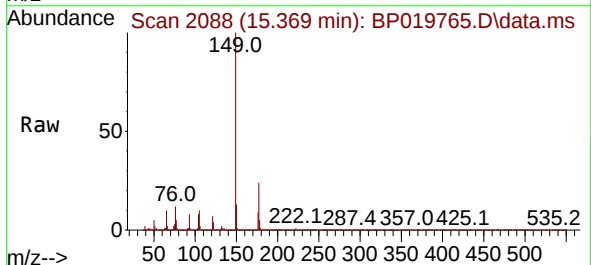
Instrument :
BNA_P
ClientSampleId :
TP-2MS

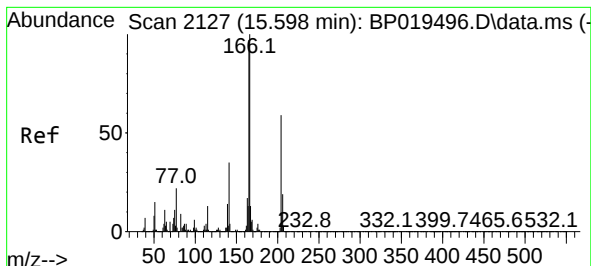
Tgt Ion:	232	Resp:	193989
Ion	Ratio	Lower	Upper
232	100		
131	36.6	32.4	48.6
130	2.1	1.9	2.9
166	27.2	23.4	35.2



#60
Diethylphthalate
Concen: 54.629 ng
RT: 15.369 min Scan# 2088
Delta R.T. -0.017 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

Tgt Ion:	149	Resp:	606656
Ion	Ratio	Lower	Upper
149	100		
177	24.3	18.2	27.2
150	12.7	10.2	15.4

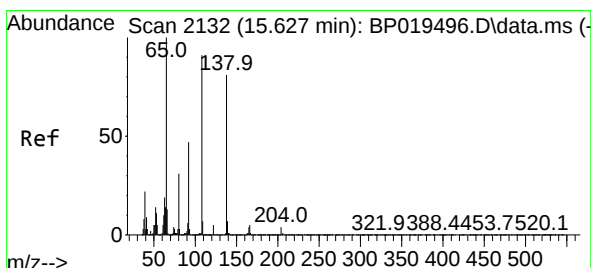
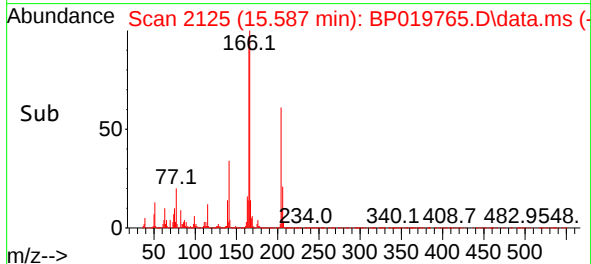
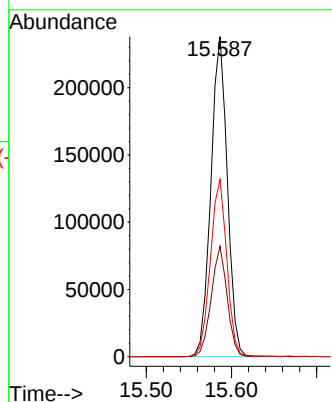
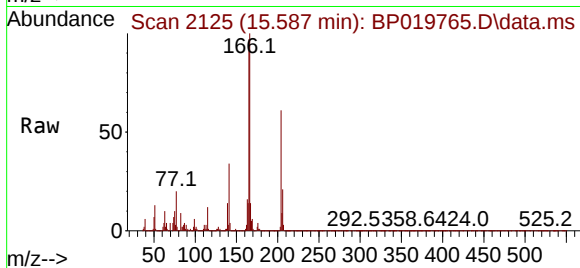




#61
4-Chlorophenyl-phenylether
Concen: 52.586 ng
RT: 15.587 min Scan# 2125
Delta R.T. -0.011 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

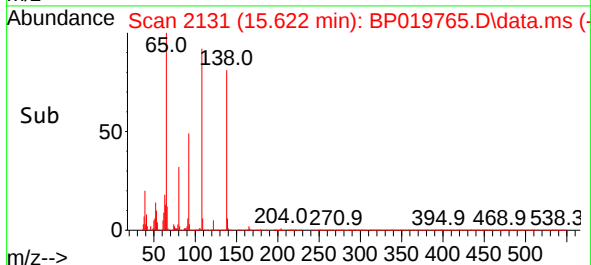
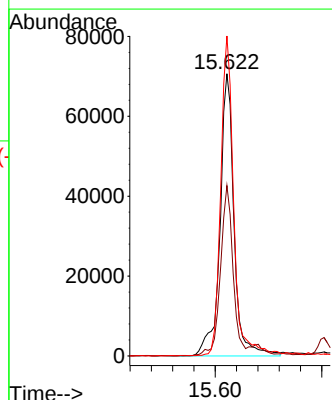
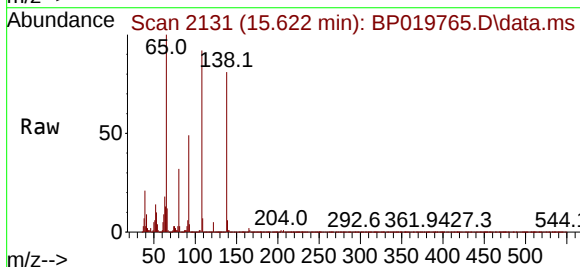
Instrument :
BNA_P
ClientSampleId :
TP-2MS

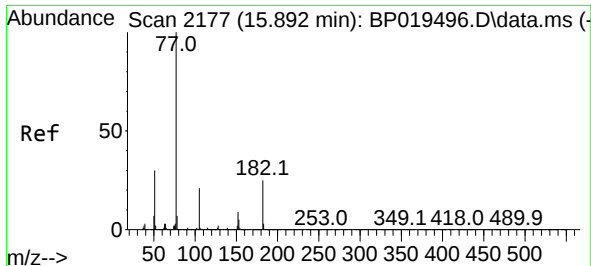
Tgt Ion:204 Resp: 319007
Ion Ratio Lower Upper
204 100
206 34.4 26.5 39.7
141 55.3 48.5 72.7



#62
4-Nitroaniline
Concen: 54.871 ng
RT: 15.622 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

Tgt Ion:138 Resp: 129654
Ion Ratio Lower Upper
138 100
92 60.4 38.3 78.3
108 113.4 91.2 131.2

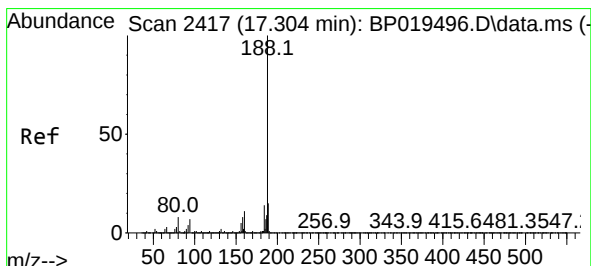
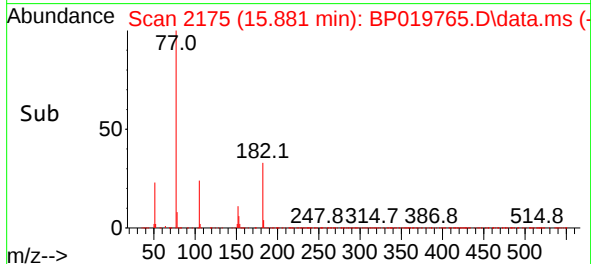
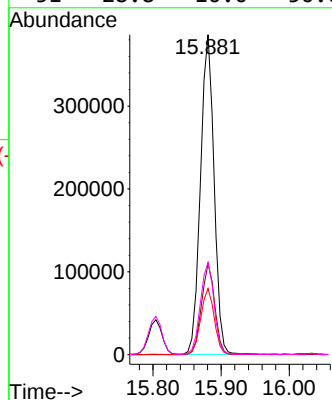
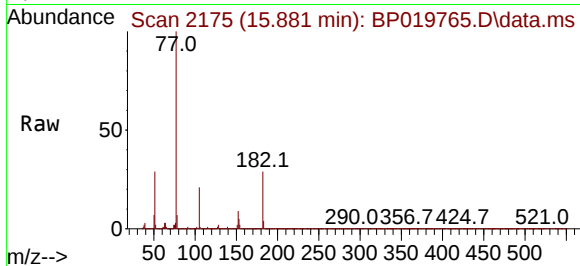




#63
Azobenzene
Concen: 49.812 ng
RT: 15.881 min Scan# 2175
Delta R.T. -0.011 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

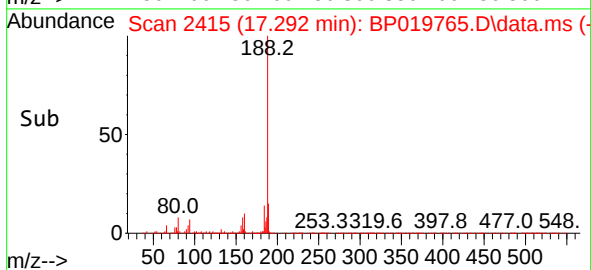
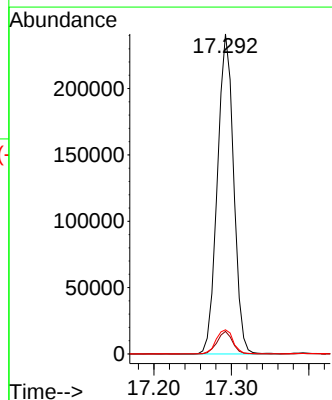
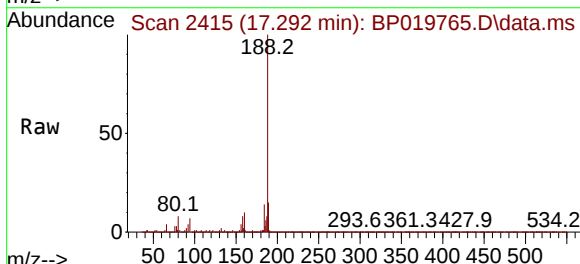
Instrument :
BNA_P
ClientSampleId :
TP-2MS

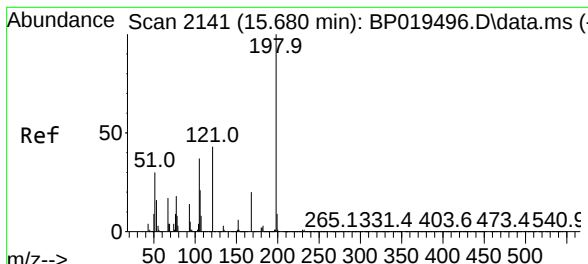
Tgt Ion: 77	Resp: 534907
Ion Ratio	Lower Upper
77 100	
182 28.5	5.1 45.1
105 20.7	0.8 40.8
51 28.8	10.0 50.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

Tgt Ion:188	Resp: 351551
Ion Ratio	Lower Upper
188 100	
94 7.0	5.4 8.2
80 7.6	6.3 9.5

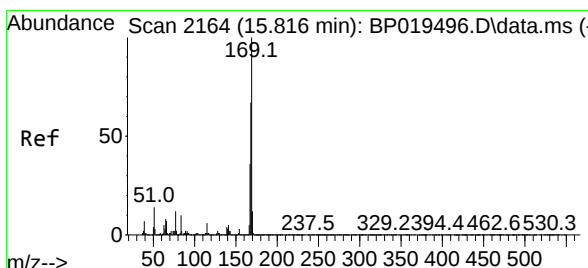
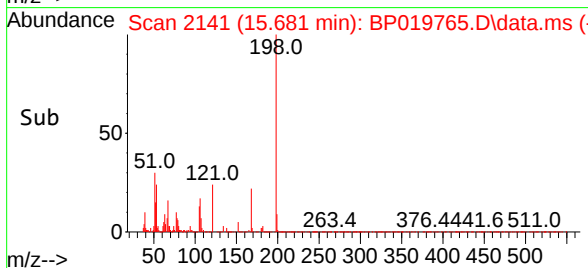
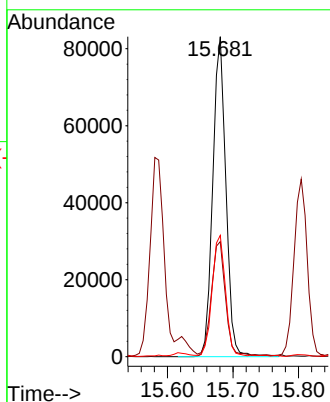
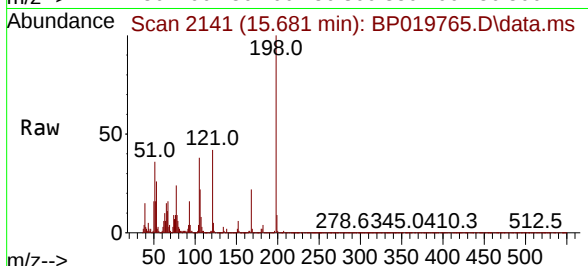




#65
4,6-Dinitro-2-methylphenol
Concen: 57.606 ng
RT: 15.681 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

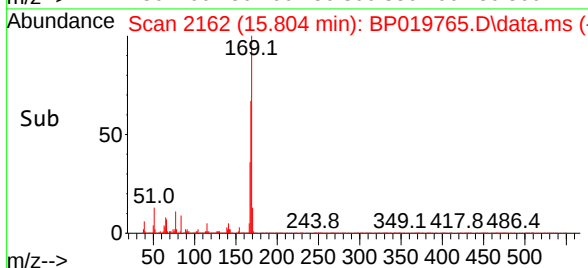
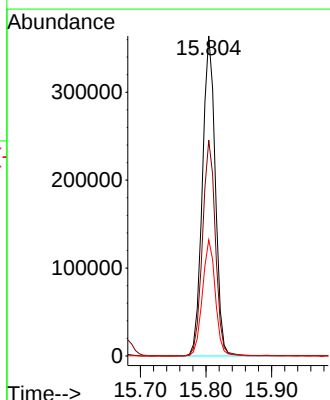
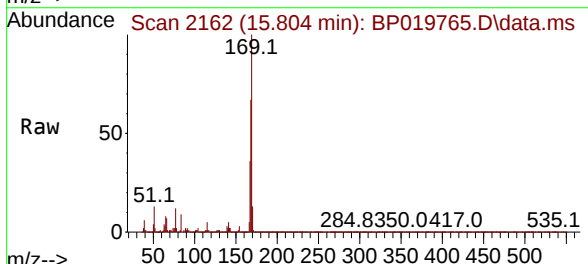
Instrument :
BNA_P
ClientSampleId :
TP-2MS

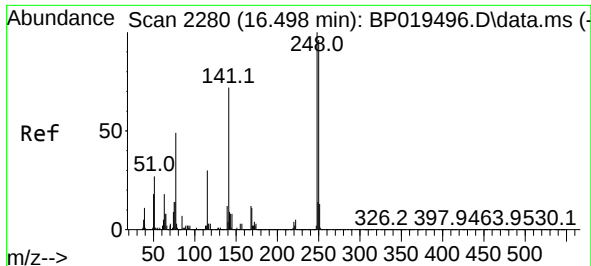
Tgt Ion:198 Resp: 115475
Ion Ratio Lower Upper
198 100
51 35.9 21.2 61.2
105 37.9 19.1 59.1



#66
n-Nitrosodiphenylamine
Concen: 47.363 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.011 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

Tgt Ion:169 Resp: 498661
Ion Ratio Lower Upper
169 100
168 67.4 53.4 80.2
167 36.3 28.9 43.3

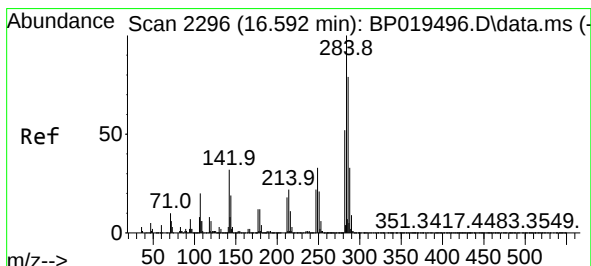
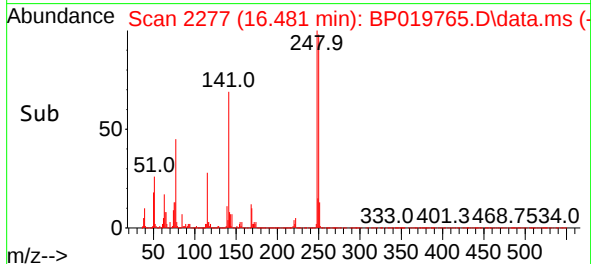
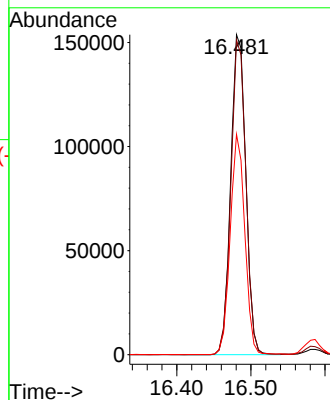
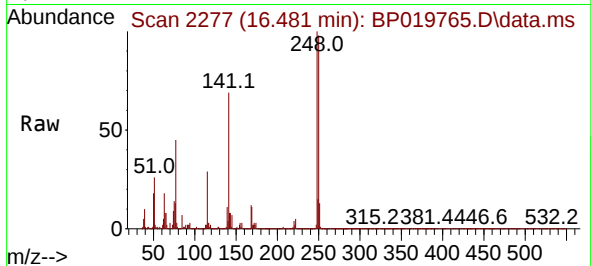




#67
4-Bromophenyl-phenylether
Concen: 49.279 ng
RT: 16.481 min Scan# 21
Delta R.T. -0.017 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

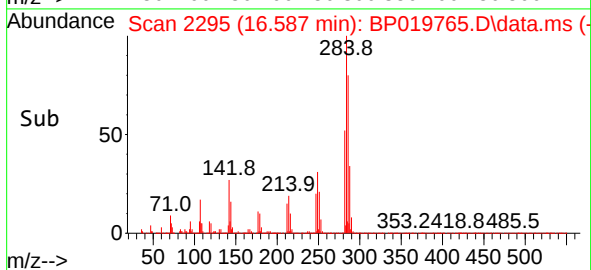
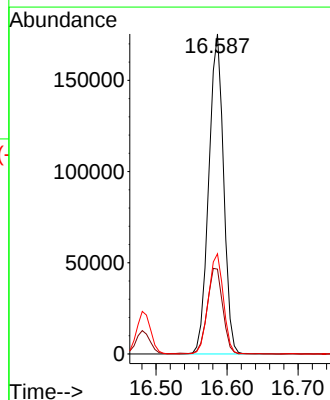
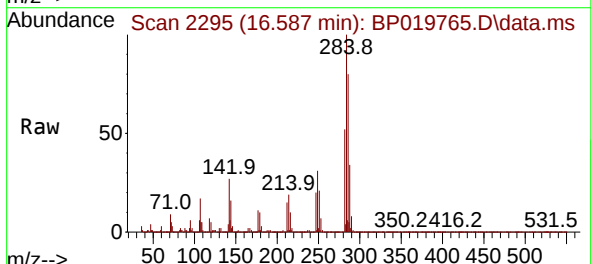
Instrument :
BNA_P
ClientSampleId :
TP-2MS

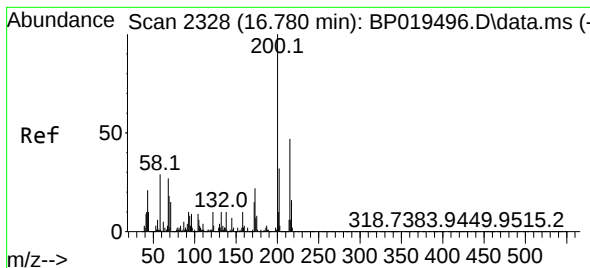
Tgt Ion:248 Resp: 216571
Ion Ratio Lower Upper
248 100
250 98.3 76.9 115.3
141 68.8 58.0 87.0



#68
Hexachlorobenzene
Concen: 49.511 ng
RT: 16.587 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

Tgt Ion:284 Resp: 254100
Ion Ratio Lower Upper
284 100
142 26.5 25.4 38.2
249 31.3 26.5 39.7





#69

Atrazine

Concen: 59.290 ng

RT: 16.769 min Scan# 21

Delta R.T. -0.011 min

Lab File: BP019765.D

Acq: 19 Feb 2024 16:21

Instrument :

BNA_P

ClientSampleId :

TP-2MS

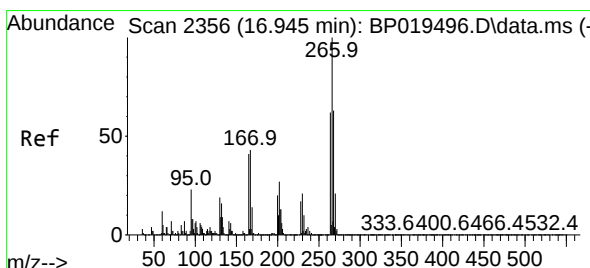
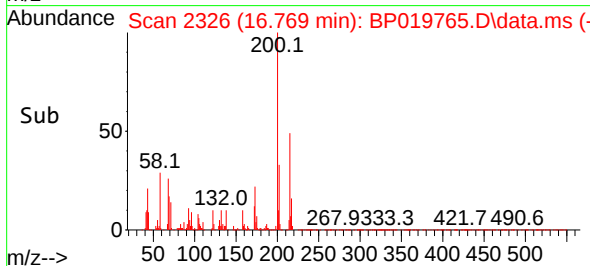
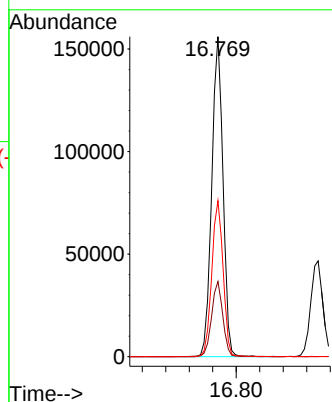
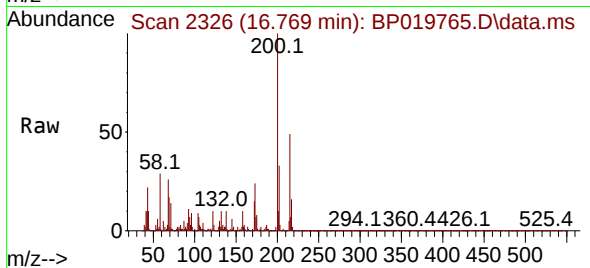
Tgt Ion:200 Resp: 207142

Ion Ratio Lower Upper

200 100

173 23.5 1.7 41.7

215 48.7 26.9 66.9



#70

Pentachlorophenol

Concen: 114.149 ng

RT: 16.939 min Scan# 2355

Delta R.T. -0.006 min

Lab File: BP019765.D

Acq: 19 Feb 2024 16:21

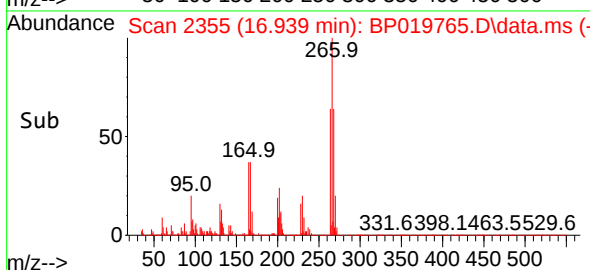
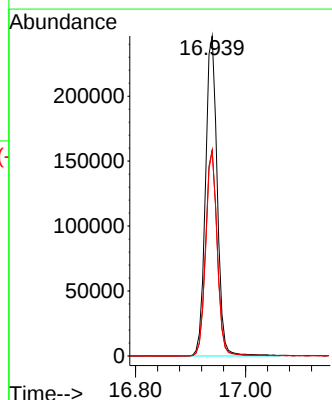
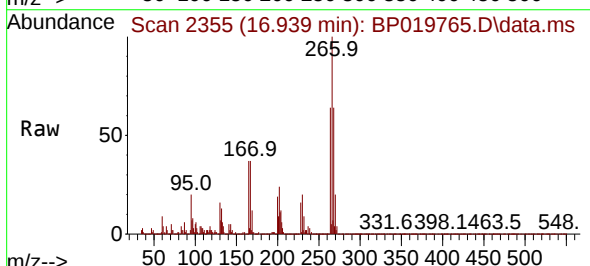
Tgt Ion:266 Resp: 364822

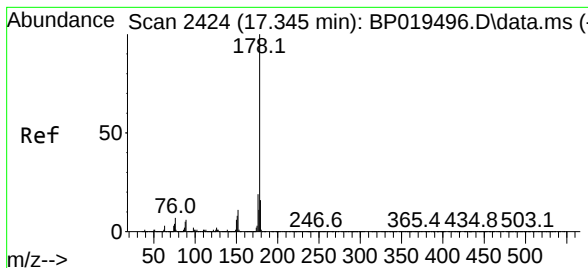
Ion Ratio Lower Upper

266 100

268 64.4 50.3 75.5

264 64.0 49.7 74.5





#71

Phenanthrene

Concen: 50.780 ng

RT: 17.334 min Scan# 2422

Delta R.T. -0.011 min

Lab File: BP019765.D

Acq: 19 Feb 2024 16:21

Instrument :

BNA_P

ClientSampleId :

TP-2MS

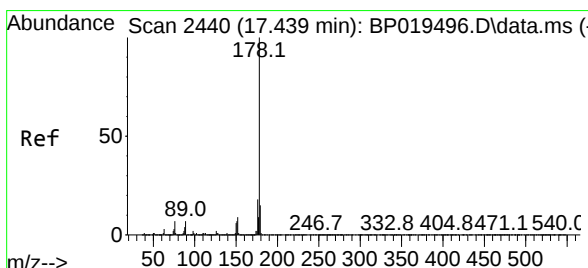
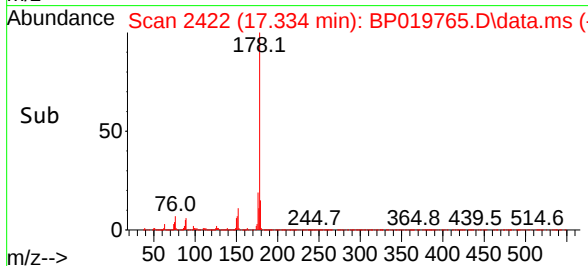
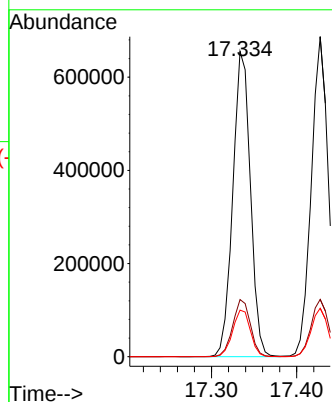
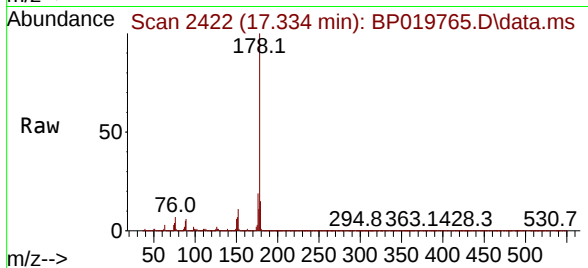
Tgt Ion:178 Resp: 939480

Ion Ratio Lower Upper

178 100

176 18.7 15.5 23.3

179 15.3 12.6 19.0



#72

Anthracene

Concen: 51.794 ng

RT: 17.428 min Scan# 2438

Delta R.T. -0.011 min

Lab File: BP019765.D

Acq: 19 Feb 2024 16:21

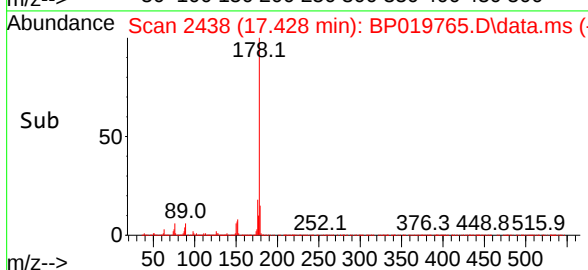
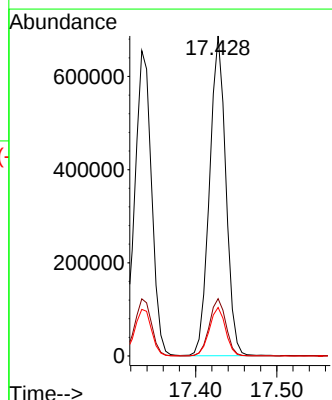
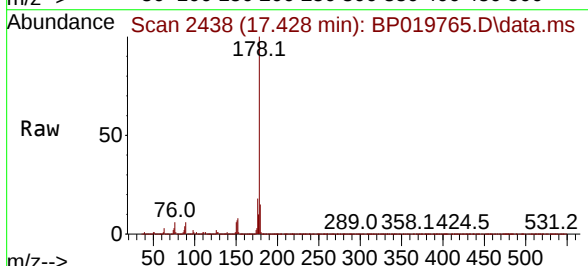
Tgt Ion:178 Resp: 955907

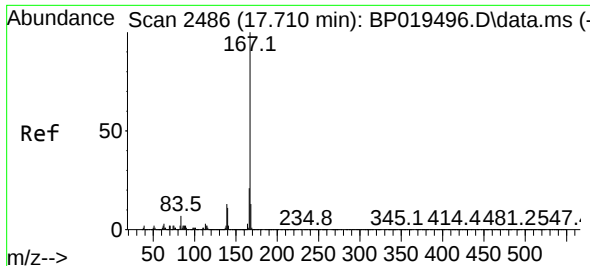
Ion Ratio Lower Upper

178 100

176 17.9 14.7 22.1

179 15.1 12.2 18.2

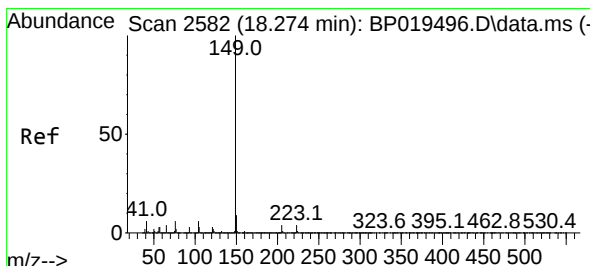
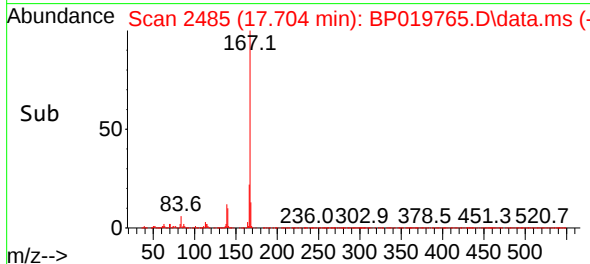
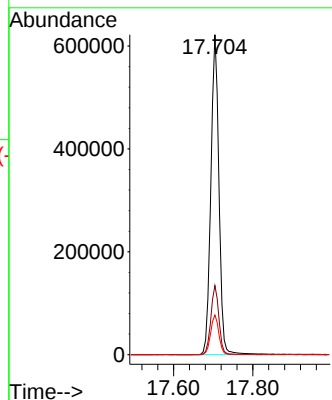
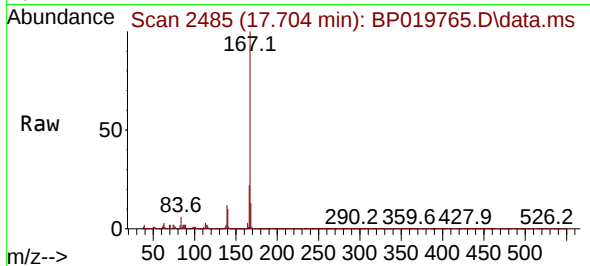




#73
 Carbazole
 Concen: 52.663 ng
 RT: 17.704 min Scan# 2486
 Delta R.T. -0.006 min
 Lab File: BP019765.D
 Acq: 19 Feb 2024 16:21

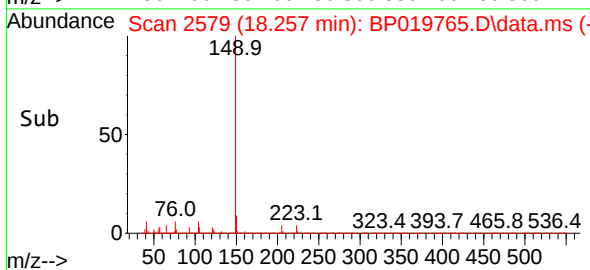
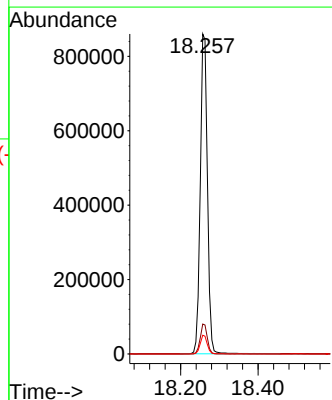
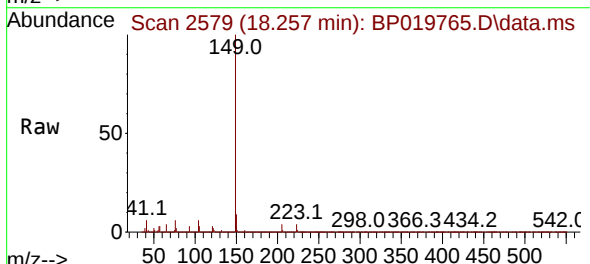
Instrument :
 BNA_P
 ClientSampleId :
 TP-2MS

Tgt Ion:	167	Resp:	882955
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	12.4	10.6	15.8



#74
 Di-n-butylphthalate
 Concen: 54.146 ng
 RT: 18.257 min Scan# 2579
 Delta R.T. -0.017 min
 Lab File: BP019765.D
 Acq: 19 Feb 2024 16:21

Tgt Ion:	149	Resp:	1097662
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.3	10.9
104	5.9	4.8	7.2

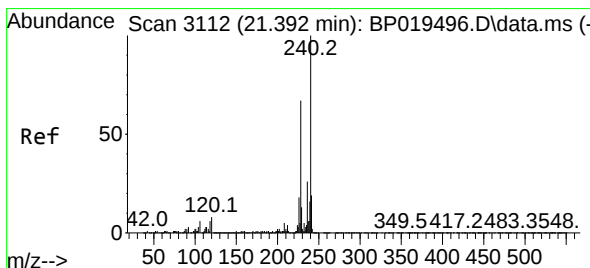
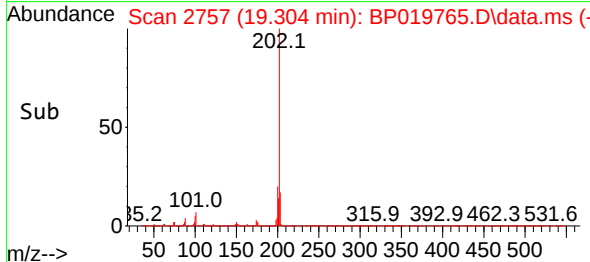
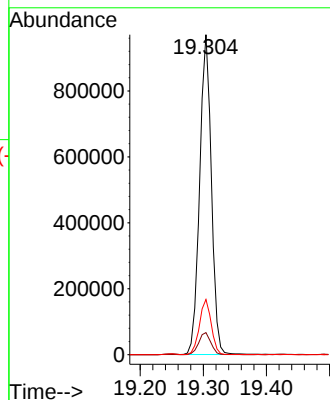
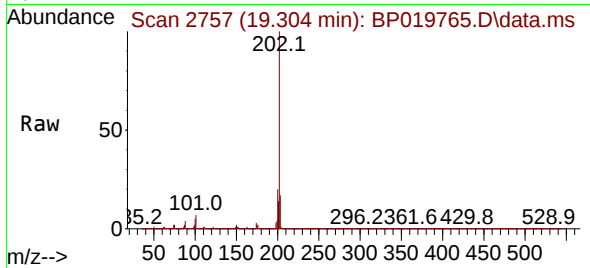




#75
Fluoranthene
Concen: 55.021 ng
RT: 19.304 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

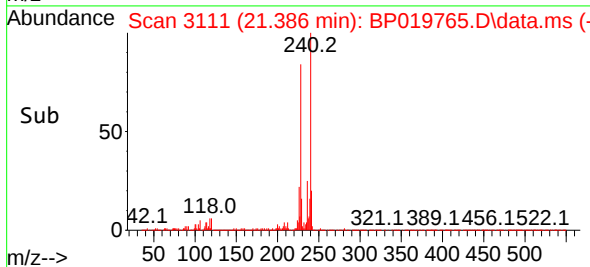
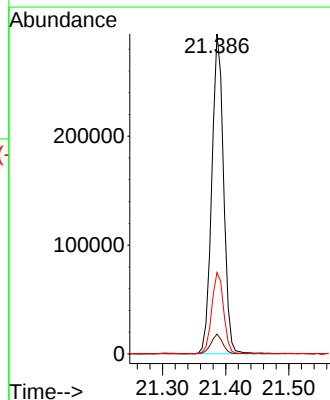
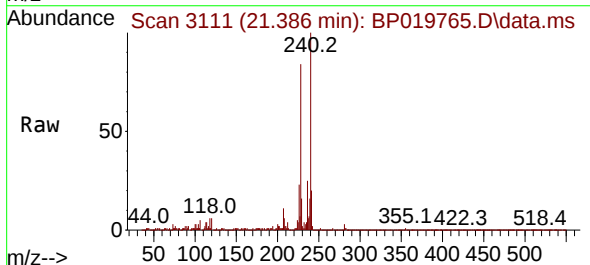
Instrument :
BNA_P
ClientSampleId :
TP-2MS

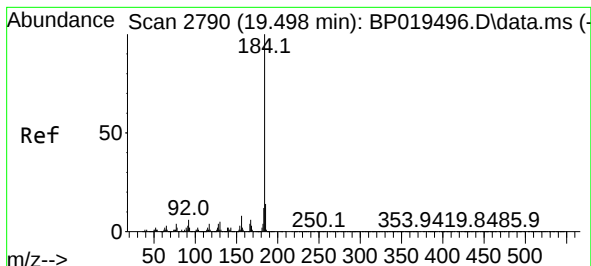
Tgt Ion:202 Resp: 1243517
Ion Ratio Lower Upper
202 100
101 6.9 0.0 27.7
203 17.2 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

Tgt Ion:240 Resp: 381011
Ion Ratio Lower Upper
240 100
120 6.2 6.1 9.1
236 25.5 20.7 31.1





#77

Benzidine

Concen: 31.146 ng

RT: 19.492 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019765.D

Acq: 19 Feb 2024 16:21

Instrument :

BNA_P

ClientSampleId :

TP-2MS

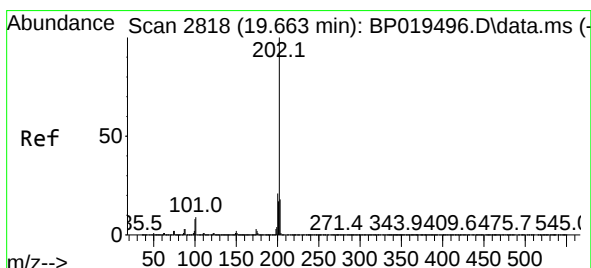
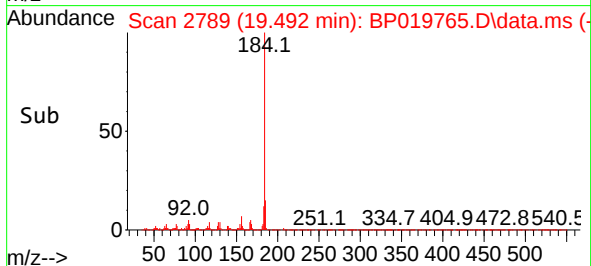
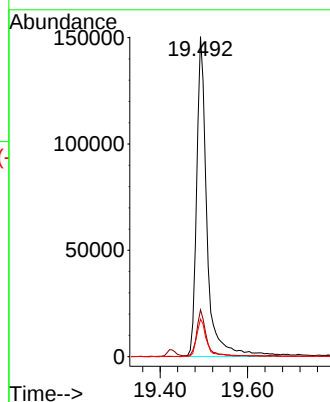
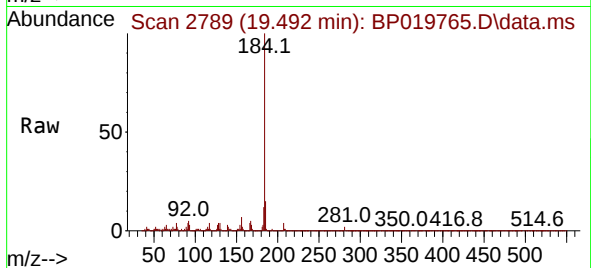
Tgt Ion:184 Resp: 248098

Ion Ratio Lower Upper

184 100

185 14.7 11.1 16.7

183 11.7 9.7 14.5



#78

Pyrene

Concen: 47.945 ng

RT: 19.657 min Scan# 2817

Delta R.T. -0.006 min

Lab File: BP019765.D

Acq: 19 Feb 2024 16:21

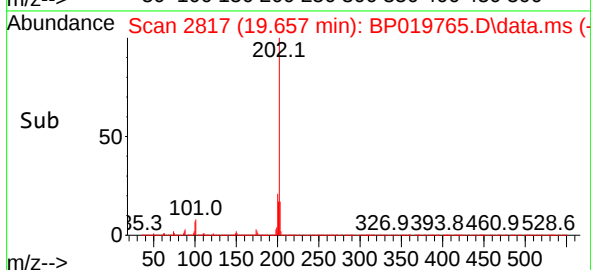
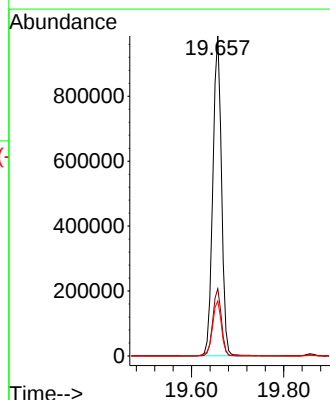
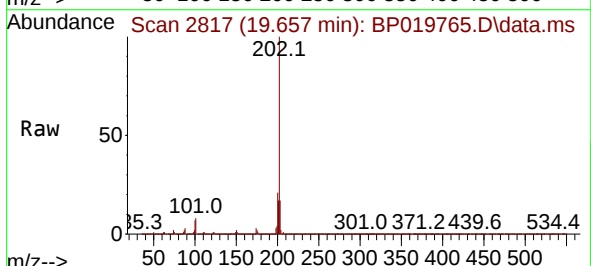
Tgt Ion:202 Resp: 1289246

Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

203 17.2 14.2 21.2





#79

Terphenyl-d14

Concen: 95.450 ng

RT: 19.857 min Scan# 21

Delta R.T. -0.011 min

Lab File: BP019765.D

Acq: 19 Feb 2024 16:21

Instrument :

BNA_P

ClientSampleId :

TP-2MS

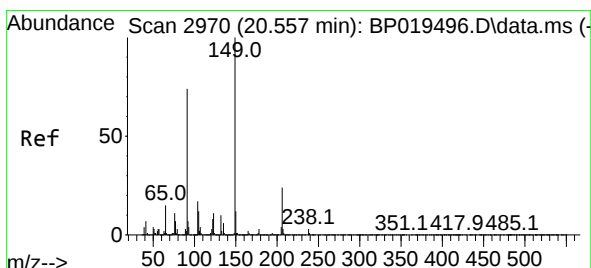
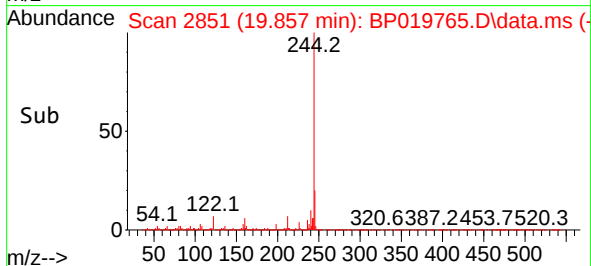
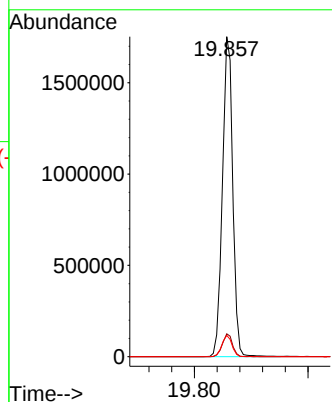
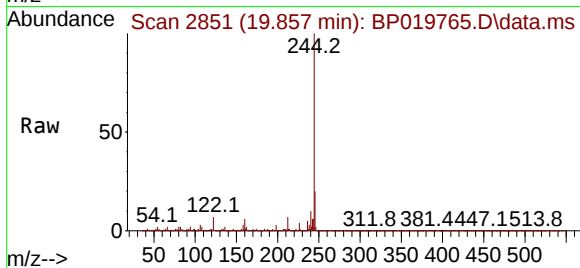
Tgt Ion:244 Resp: 2211409

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 6.6 5.9 8.9



#80

Butylbenzylphthalate

Concen: 52.053 ng

RT: 20.545 min Scan# 2968

Delta R.T. -0.011 min

Lab File: BP019765.D

Acq: 19 Feb 2024 16:21

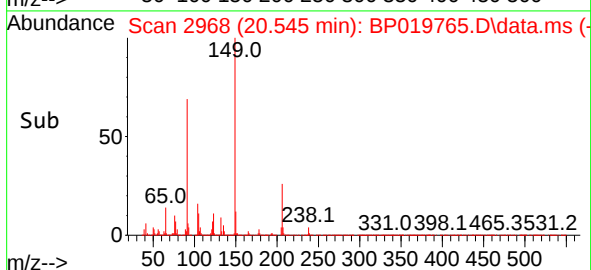
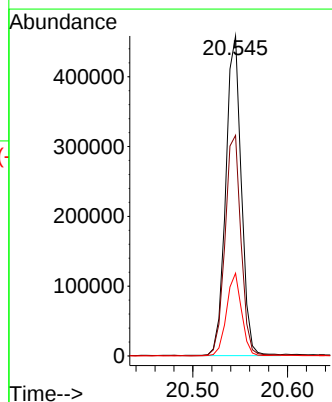
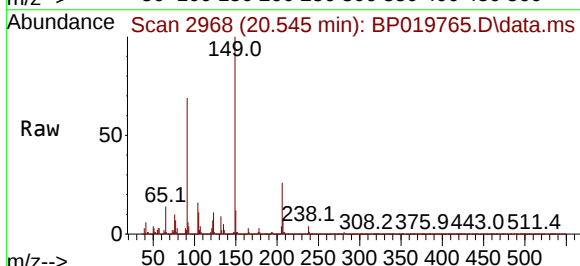
Tgt Ion:149 Resp: 522713

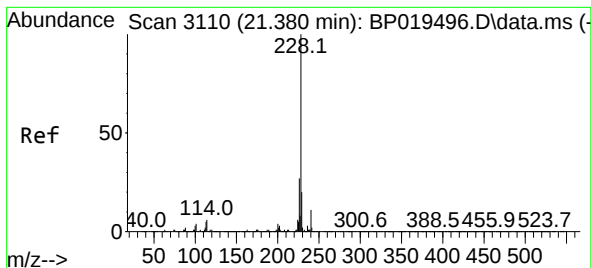
Ion Ratio Lower Upper

149 100

91 69.0 59.4 89.0

206 25.8 19.0 28.6





#81

Benzo(a)anthracene

Concen: 53.138 ng

RT: 21.374 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BP019765.D

Acq: 19 Feb 2024 16:21

Instrument :

BNA_P

ClientSampleId :

TP-2MS

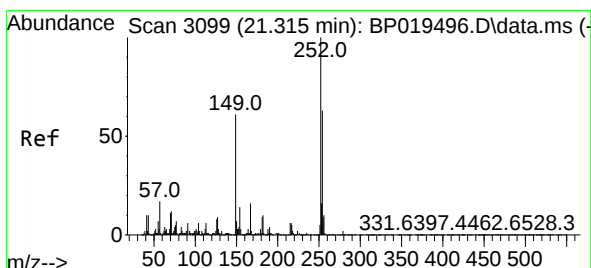
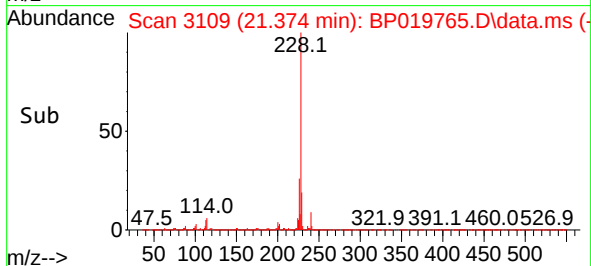
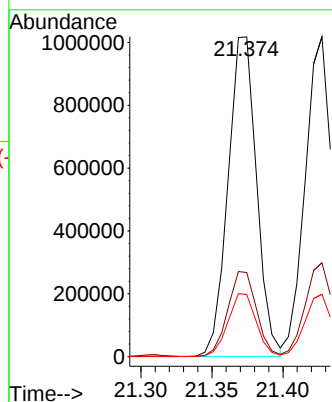
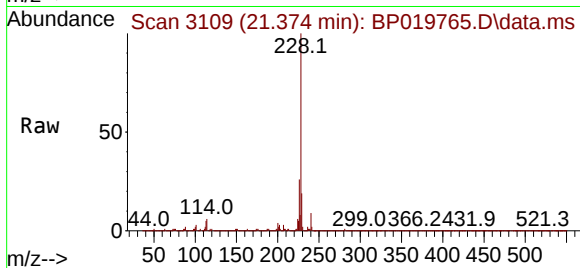
Tgt Ion:228 Resp: 1425194

Ion Ratio Lower Upper

228 100

226 26.4 21.7 32.5

229 19.4 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 44.876 ng

RT: 21.310 min Scan# 3098

Delta R.T. -0.006 min

Lab File: BP019765.D

Acq: 19 Feb 2024 16:21

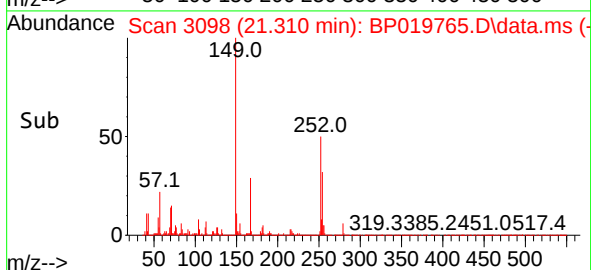
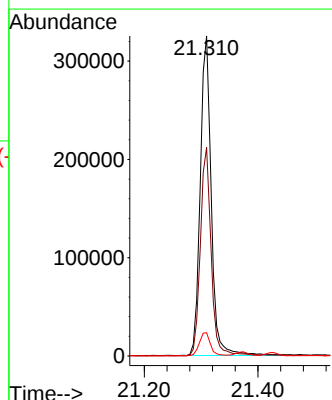
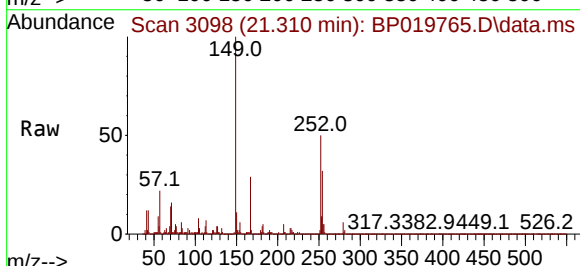
Tgt Ion:252 Resp: 438588

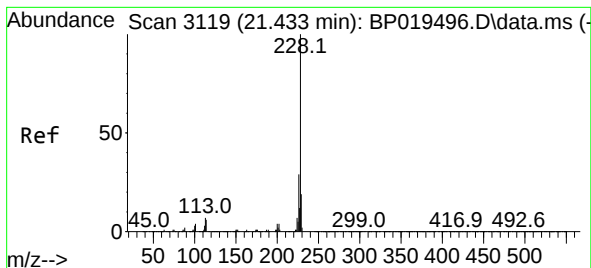
Ion Ratio Lower Upper

252 100

254 65.1 50.7 76.1

126 7.2 6.4 9.6





#83

Chrysene

Concen: 53.098 ng

RT: 21.427 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP019765.D

Acq: 19 Feb 2024 16:21

Instrument :

BNA_P

ClientSampleId :

TP-2MS

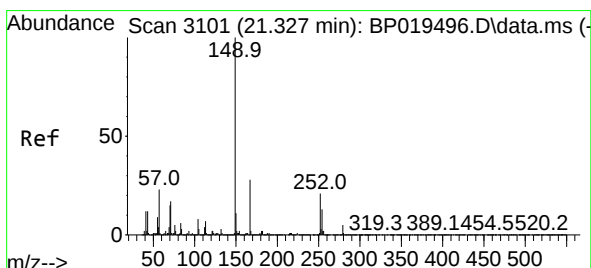
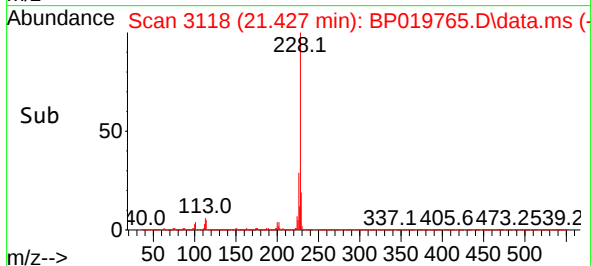
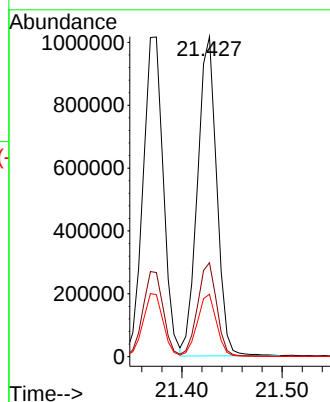
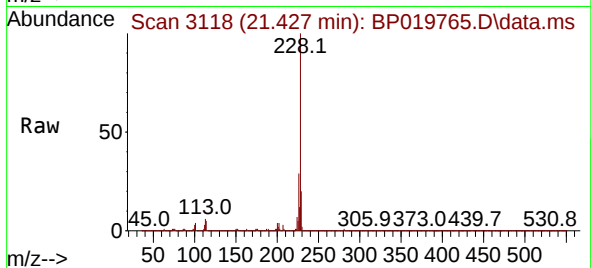
Tgt Ion:228 Resp: 1352057

Ion Ratio Lower Upper

228 100

226 29.4 23.4 35.2

229 19.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.773 ng

RT: 21.310 min Scan# 3098

Delta R.T. -0.017 min

Lab File: BP019765.D

Acq: 19 Feb 2024 16:21

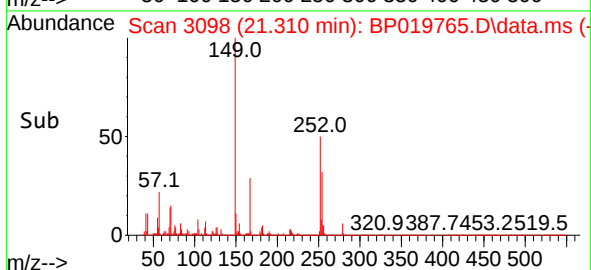
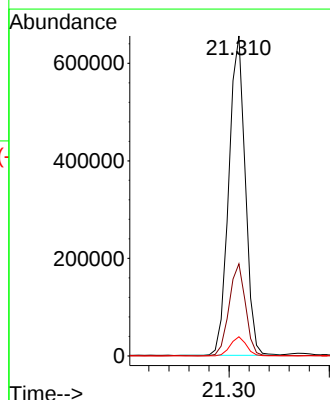
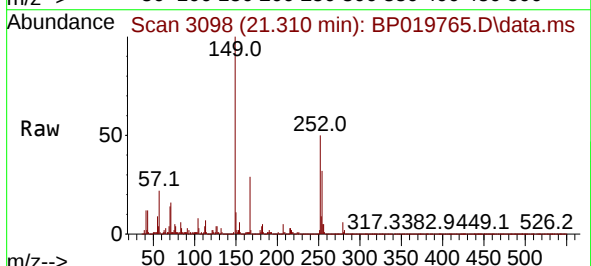
Tgt Ion:149 Resp: 745809

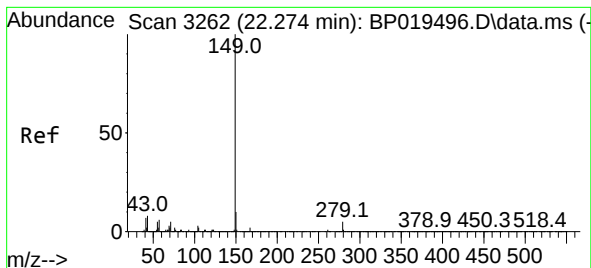
Ion Ratio Lower Upper

149 100

167 28.8 22.7 34.1

279 6.0 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 49.001 ng

RT: 22.251 min Scan# 31

Delta R.T. -0.023 min

Lab File: BP019765.D

Acq: 19 Feb 2024 16:21

Instrument :

BNA_P

ClientSampleId :

TP-2MS

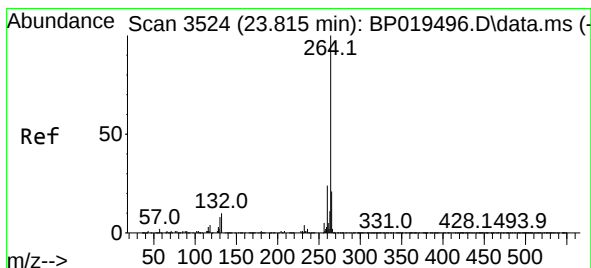
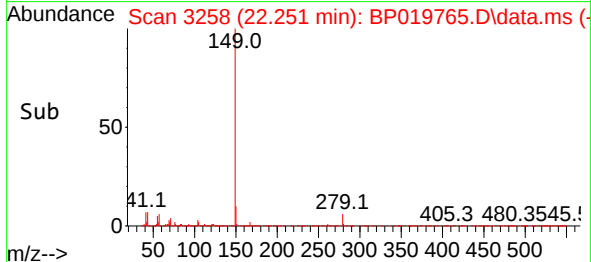
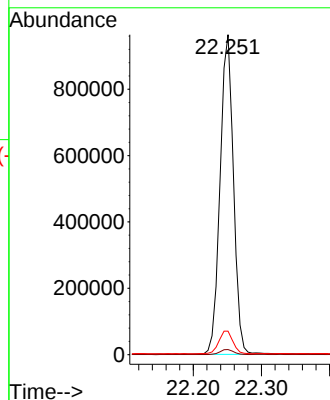
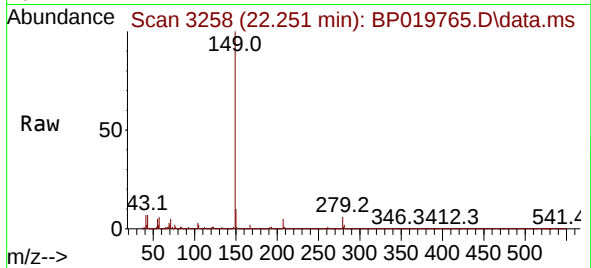
Tgt Ion:149 Resp: 1318333

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.4 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.804 min Scan# 3522

Delta R.T. -0.011 min

Lab File: BP019765.D

Acq: 19 Feb 2024 16:21

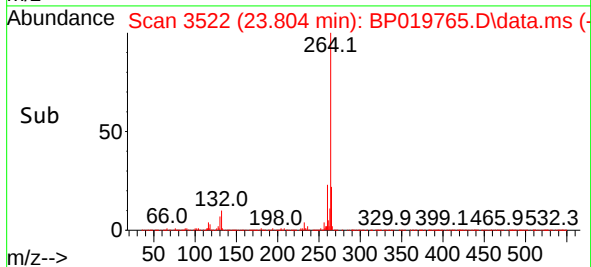
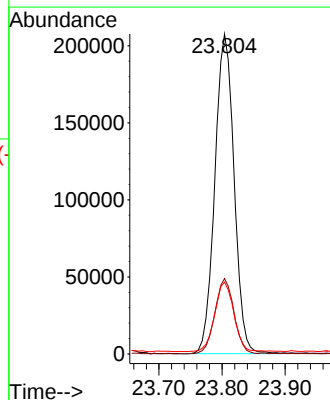
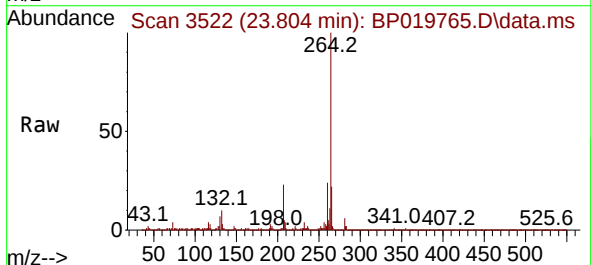
Tgt Ion:264 Resp: 439364

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 22.5 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.139 ng

RT: 26.339 min Scan# 3953

Delta R.T. -0.006 min

Lab File: BP019765.D

Acq: 19 Feb 2024 16:21

Instrument :

BNA_P

ClientSampleId :

TP-2MS

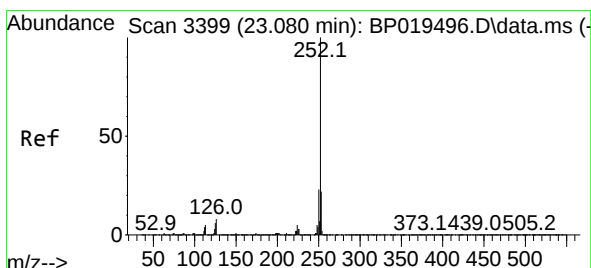
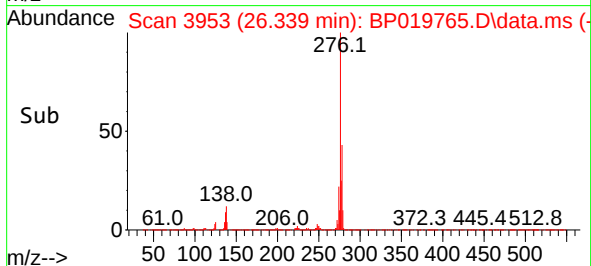
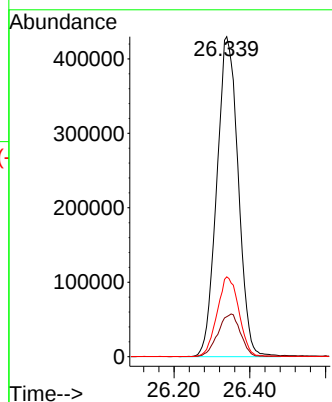
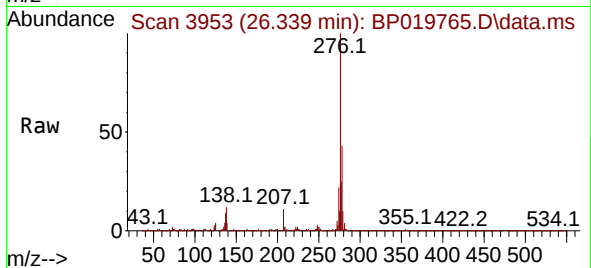
Tgt Ion:276 Resp: 1686266

Ion Ratio Lower Upper

276 100

138 14.0 13.1 19.7

277 25.4 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 53.385 ng

RT: 23.069 min Scan# 3397

Delta R.T. -0.011 min

Lab File: BP019765.D

Acq: 19 Feb 2024 16:21

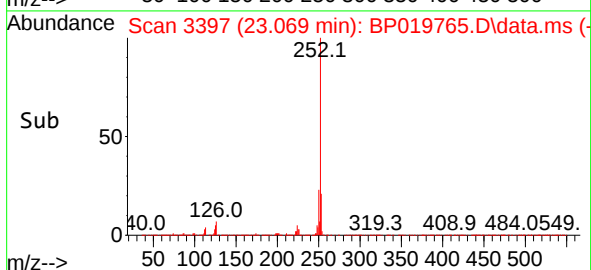
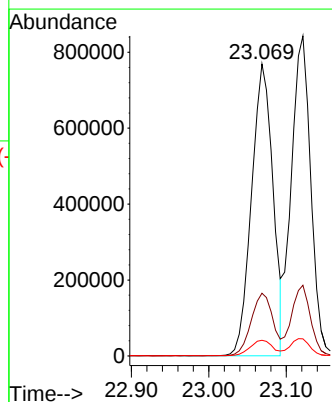
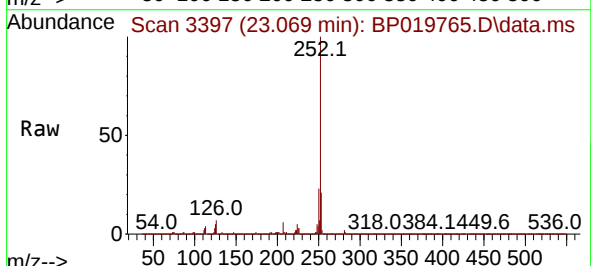
Tgt Ion:252 Resp: 1478275

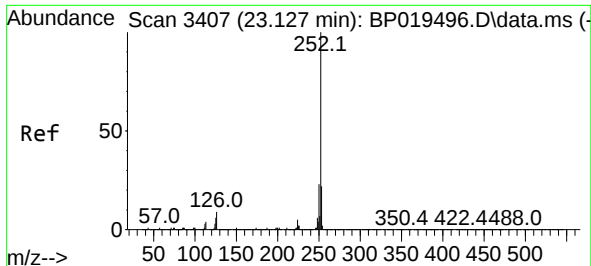
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 5.4 4.9 7.3

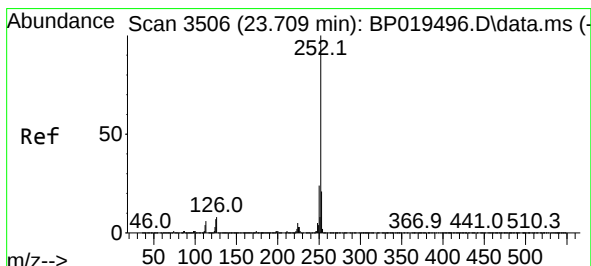
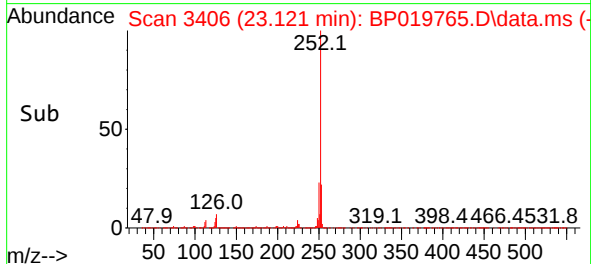
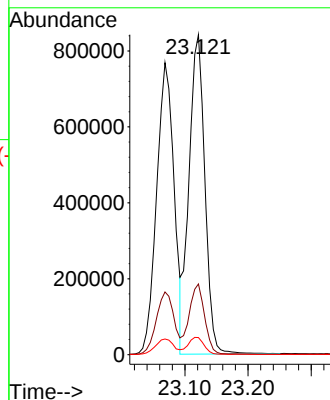
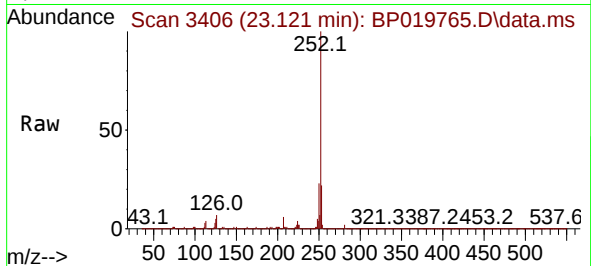




#89
Benzo(k)fluoranthene
Concen: 55.583 ng
RT: 23.121 min Scan# 34
Delta R.T. -0.006 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

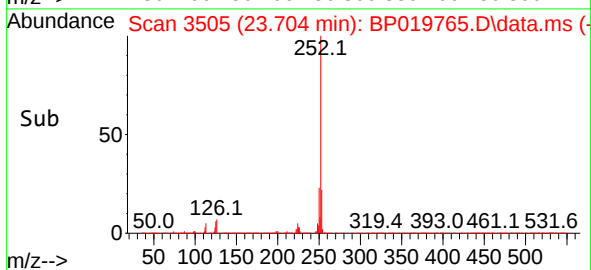
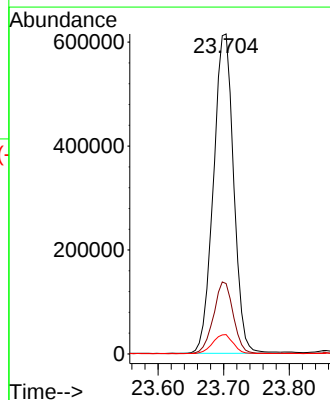
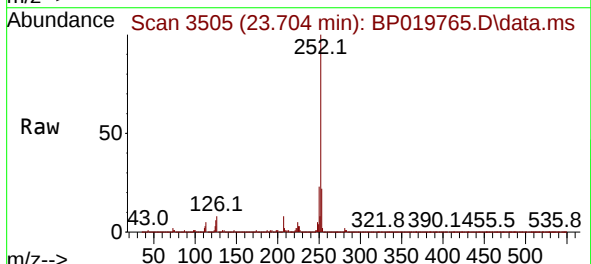
Instrument :
BNA_P
ClientSampleId :
TP-2MS

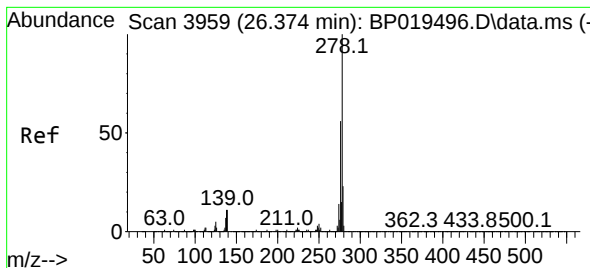
Tgt Ion:252 Resp: 1470250
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 5.4 5.0 7.6



#90
Benzo(a)pyrene
Concen: 53.304 ng
RT: 23.704 min Scan# 3505
Delta R.T. -0.006 min
Lab File: BP019765.D
Acq: 19 Feb 2024 16:21

Tgt Ion:252 Resp: 1313349
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 6.0 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 50.128 ng

RT: 26.368 min Scan# 3958

Delta R.T. -0.006 min

Lab File: BP019765.D

Acq: 19 Feb 2024 16:21

Instrument :

BNA_P

ClientSampleId :

TP-2MS

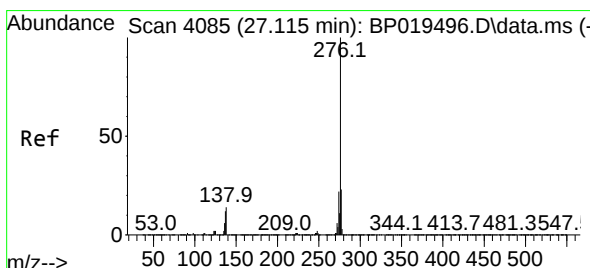
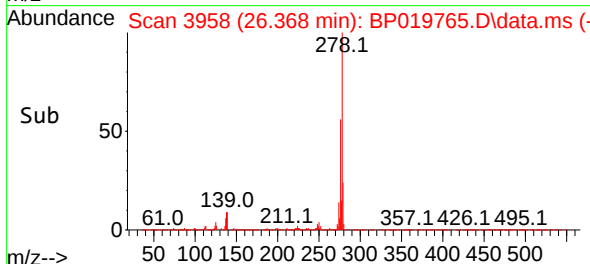
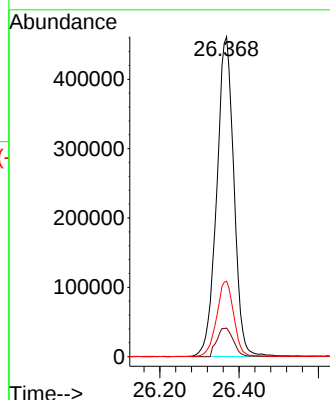
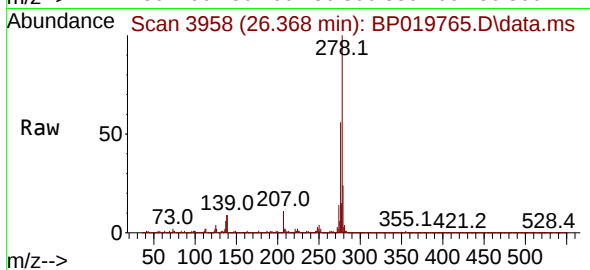
Tgt Ion:278 Resp: 1386569

Ion Ratio Lower Upper

278 100

139 8.9 8.6 12.8

279 23.6 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 47.608 ng

RT: 27.115 min Scan# 4085

Delta R.T. 0.000 min

Lab File: BP019765.D

Acq: 19 Feb 2024 16:21

Tgt Ion:276 Resp: 1335977

Ion Ratio Lower Upper

276 100

277 22.6 18.6 28.0

138 12.0 10.9 16.3

