

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021924\
 Data File : BP019766.D
 Acq On : 19 Feb 2024 16:54
 Operator : MA/JU
 Sample : P1461-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-2MSD

Quant Time: Feb 19 17:19:47 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	57912	20.000	ng	-0.02
21) Naphthalene-d8	10.699	136	212866	20.000	ng	-0.02
39) Acenaphthene-d10	14.534	164	142897	20.000	ng	-0.02
64) Phenanthrene-d10	17.292	188	341629	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	383533	20.000	ng	# 0.00
86) Perylene-d12	23.804	264	460165	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	451616	125.703	ng	-0.01
7) Phenol-d6	7.075	99	560180	115.637	ng	-0.01
23) Nitrobenzene-d5	9.069	82	431544	87.846	ng	-0.02
42) 2,4,6-Tribromophenol	16.034	330	385543	184.789	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	1009816	87.361	ng	-0.02
79) Terphenyl-d14	19.857	244	2161232	92.671	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	48545	35.071	ng	# 65
3) Pyridine	3.787	79	118569	31.595	ng	97
4) n-Nitrosodimethylamine	3.705	42	71609	43.828	ng	97
6) Aniline	7.234	93	146594	31.143	ng	100
8) 2-Chlorophenol	7.463	128	175243	47.510	ng	96
9) Benzaldehyde	7.052	77	17910	5.273	ng	90
10) Phenol	7.099	94	201636	41.762	ng	96
11) bis(2-Chloroethyl)ether	7.334	93	165659	44.101	ng	98
12) 1,3-Dichlorobenzene	7.787	146	194189	43.025	ng	98
13) 1,4-Dichlorobenzene	7.934	146	196730	43.023	ng	98
14) 1,2-Dichlorobenzene	8.246	146	189685	42.874	ng	99
15) Benzyl Alcohol	8.152	79	188792	48.775	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.422	45	159636	42.498	ng	97
17) 2-Methylphenol	8.346	107	148288	45.619	ng	98
18) Hexachloroethane	8.969	117	74401	41.977	ng	96
19) n-Nitroso-di-n-propyla...	8.716	70	144569	43.691	ng	98
20) 3+4-Methylphenols	8.681	107	199533	44.978	ng	97
22) Acetophenone	8.734	105	280957	46.330	ng	# 97
24) Nitrobenzene	9.110	77	217019	43.876	ng	99
25) Isophorone	9.640	82	400969	46.867	ng	99
26) 2-Nitrophenol	9.816	139	95773	50.783	ng	98
27) 2,4-Dimethylphenol	9.881	122	132936	55.125	ng	98
28) bis(2-Chloroethoxy)met...	10.122	93	221976	45.857	ng	100
29) 2,4-Dichlorophenol	10.351	162	188507	51.711	ng	97
30) 1,2,4-Trichlorobenzene	10.563	180	206399	46.177	ng	99
31) Naphthalene	10.751	128	524559	44.931	ng	98
32) Benzoic acid	10.028	122	121142	51.559	ng	97
33) 4-Chloroaniline	10.875	127	44741	10.363	ng	96
34) Hexachlorobutadiene	11.016	225	150891	45.556	ng	96
35) Caprolactam	11.675	113	53284	51.632	ng	96
36) 4-Chloro-3-methylphenol	11.998	107	211066	53.100	ng	97
37) 2-Methylnaphthalene	12.357	142	380271	47.066	ng	99
38) 1-Methylnaphthalene	12.575	142	361329	45.509	ng	99
40) 1,2,4,5-Tetrachloroben...	12.722	216	263222	47.763	ng	99
41) Hexachlorocyclopentadiene	12.693	237	286116	114.925	ng	99
43) 2,4,6-Trichlorophenol	12.969	196	174681	52.346	ng	100

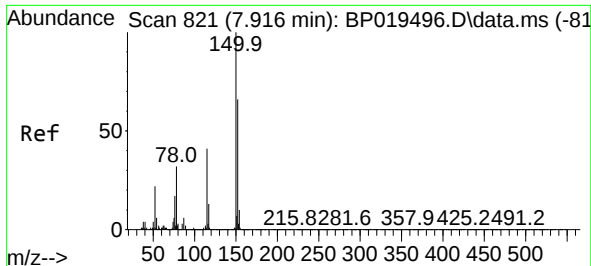
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	191137	52.161	ng	97
46) 1,1'-Biphenyl	13.375	154	533060	46.739	ng	99
47) 2-Chloronaphthalene	13.410	162	423490	45.234	ng	98
48) 2-Nitroaniline	13.628	65	138937	53.072	ng	95
49) Acenaphthylene	14.257	152	692403	52.715	ng	99
50) Dimethylphthalate	14.004	163	584729	53.453	ng	99
51) 2,6-Dinitrotoluene	14.128	165	124509	51.805	ng	99
52) Acenaphthene	14.598	154	384795	47.201	ng	99
53) 3-Nitroaniline	14.457	138	90092	40.789	ng	97
54) 2,4-Dinitrophenol	14.669	184	166773	133.645	ng	97
55) Dibenzofuran	14.934	168	675448	50.872	ng	99
56) 4-Nitrophenol	14.769	139	194406	107.385	ng	98
57) 2,4-Dinitrotoluene	14.916	165	183705	58.328	ng	98
58) Fluorene	15.586	166	552559	52.250	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.163	232	190489	61.803	ng	94
60) Diethylphthalate	15.369	149	584120	53.684	ng	99
61) 4-Chlorophenyl-phenyle...	15.586	204	311742	52.448	ng	94
62) 4-Nitroaniline	15.622	138	129296	55.847	ng	98
63) Azobenzene	15.881	77	518021	49.233	ng	97
65) 4,6-Dinitro-2-methylph...	15.681	198	115545	59.315	ng	91
66) n-Nitrosodiphenylamine	15.804	169	484945	47.398	ng	99
67) 4-Bromophenyl-phenylether	16.486	248	209955	49.161	ng	94
68) Hexachlorobenzene	16.586	284	247369	49.600	ng	95
69) Atrazine	16.769	200	199767	58.839	ng	97
70) Pentachlorophenol	16.939	266	357697	115.170	ng	98
71) Phenanthrene	17.333	178	925998	51.505	ng	100
72) Anthracene	17.428	178	938629	52.335	ng	99
73) Carbazole	17.704	167	856352	52.560	ng	99
74) Di-n-butylphthalate	18.263	149	1044931	53.042	ng	98
75) Fluoranthene	19.304	202	1221994	55.639	ng	99
77) Benzidine	19.492	184	238577	29.754	ng	98
78) Pyrene	19.657	202	1275446	47.120	ng	99
80) Butylbenzylphthalate	20.545	149	507005	50.157	ng	95
81) Benzo(a)anthracene	21.369	228	1438835	53.294	ng	99
82) 3,3'-Dichlorobenzidine	21.310	252	459955	46.753	ng	99
83) Chrysene	21.421	228	1356746	52.932	ng	100
84) Bis(2-ethylhexyl)phtha...	21.304	149	729866	47.416	ng	100
85) Di-n-octyl phthalate	22.245	149	1284939	47.446	ng	99
87) Indeno(1,2,3-cd)pyrene	26.345	276	1793370	50.913	ng	98
88) Benzo(b)fluoranthene	23.068	252	1541606	53.155	ng	99
89) Benzo(k)fluoranthene	23.121	252	1495983	53.999	ng	99
90) Benzo(a)pyrene	23.698	252	1381218	53.525	ng	99
91) Dibenzo(a,h)anthracene	26.368	278	1476235	50.957	ng	97
92) Benzo(g,h,i)perylene	27.115	276	1416083	48.182	ng	98

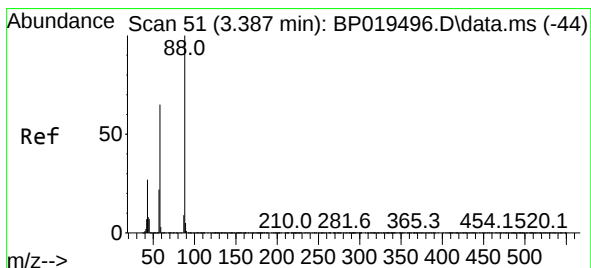
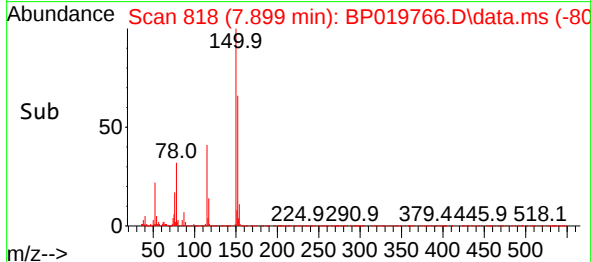
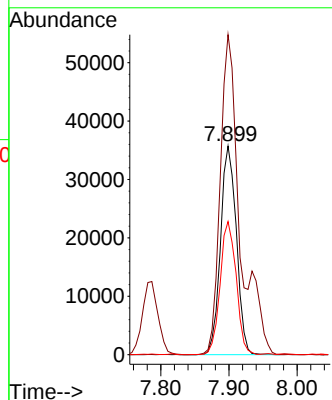
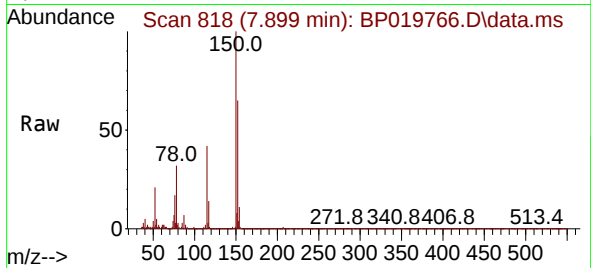
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.899 min Scan# 81
 Delta R.T. -0.017 min
 Lab File: BP019766.D
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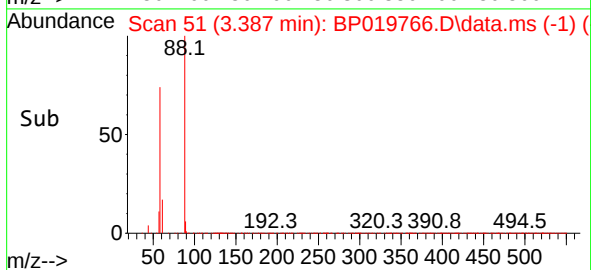
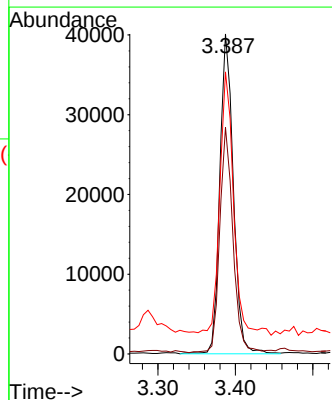
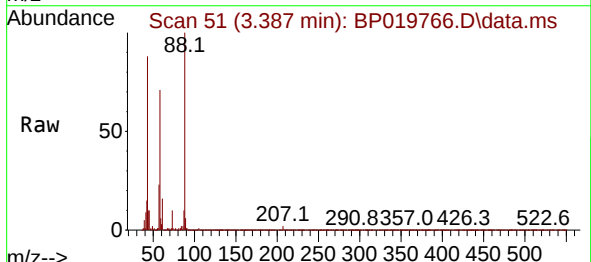
Instrument :
 BNA_P
 ClientSampleId :
 TP-2MSD

Tgt Ion:152 Resp: 57912
 Ion Ratio Lower Upper
 152 100
 150 153.4 121.8 182.8
 115 63.8 49.9 74.9



#2
 1,4-Dioxane
 Concen: 35.071 ng
 RT: 3.387 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: BP019766.D
 Acq: 19 Feb 2024 16:54

Tgt Ion: 88 Resp: 48545
 Ion Ratio Lower Upper
 88 100
 58 68.4 52.6 78.8
 43 84.9 21.9 32.9

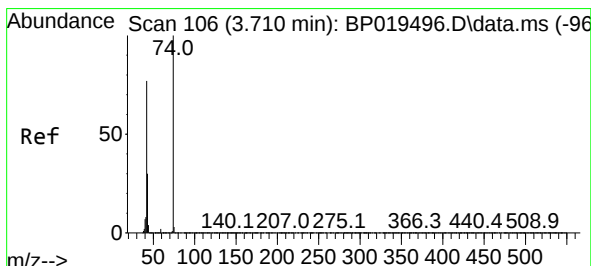
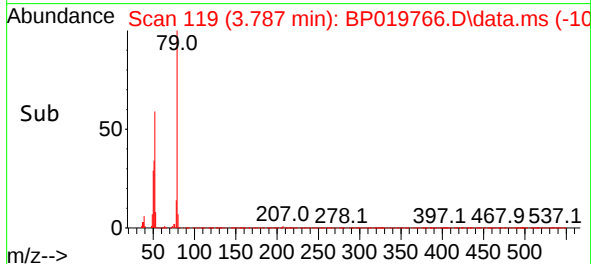
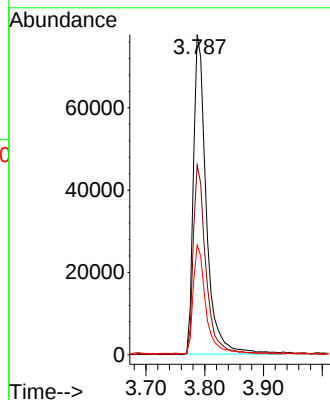
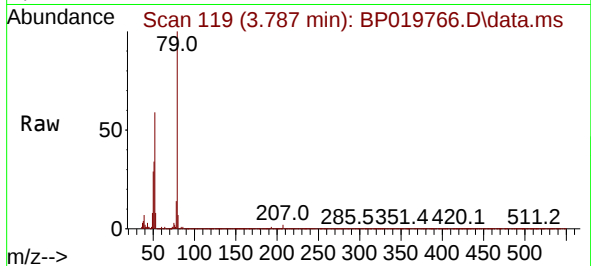




#3
Pyridine
Concen: 31.595 ng
RT: 3.787 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

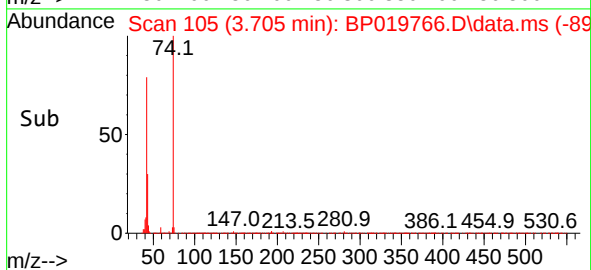
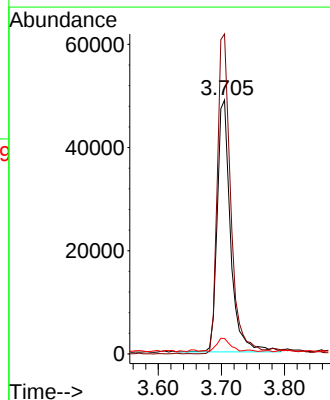
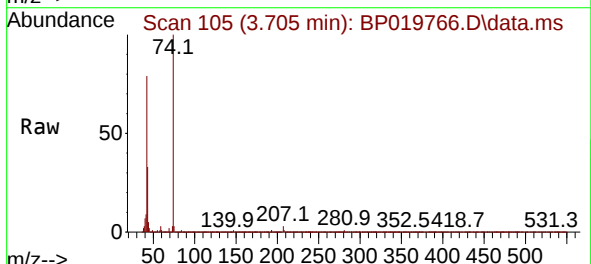
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ClientSampleId :
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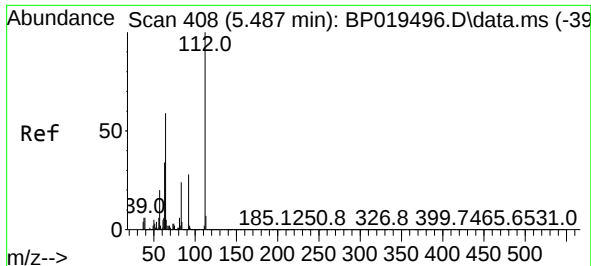
Tgt Ion: 79 Resp: 118569
Ion Ratio Lower Upper
79 100
52 59.2 45.0 67.6
51 34.3 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 43.828 ng
RT: 3.705 min Scan# 105
Delta R.T. -0.006 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

Tgt Ion: 42 Resp: 71609
Ion Ratio Lower Upper
42 100
74 126.0 103.4 155.2
44 6.1 4.8 7.2

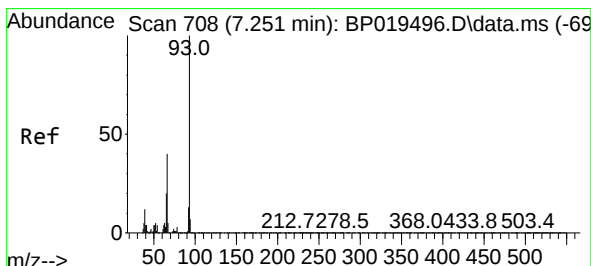
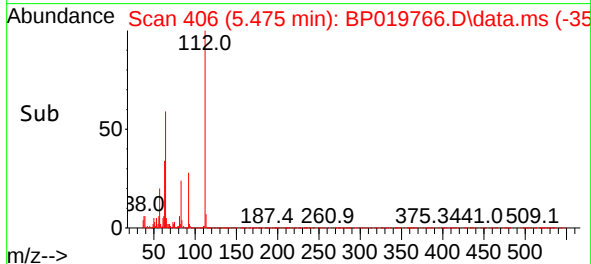
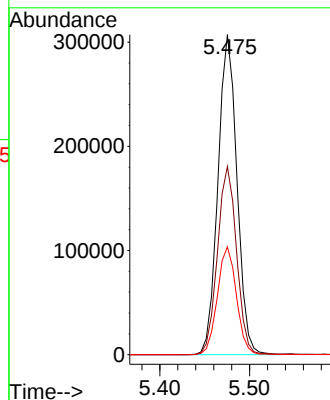
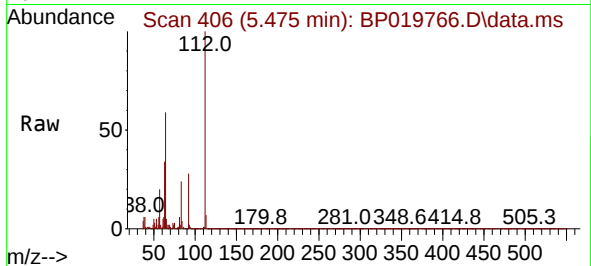




#5
2-Fluorophenol
Concen: 125.703 ng
RT: 5.475 min Scan# 408
Delta R.T. -0.012 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

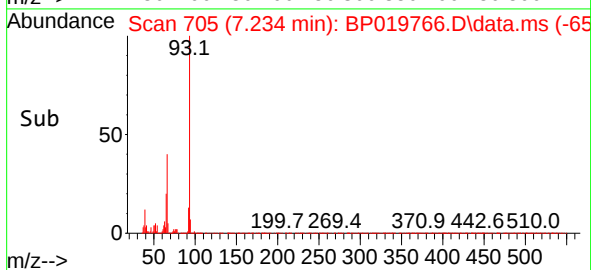
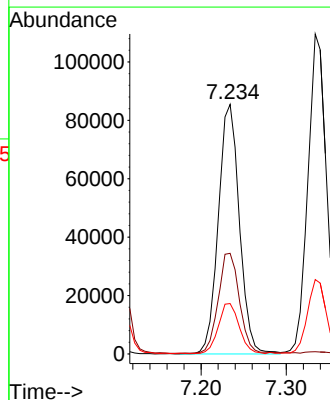
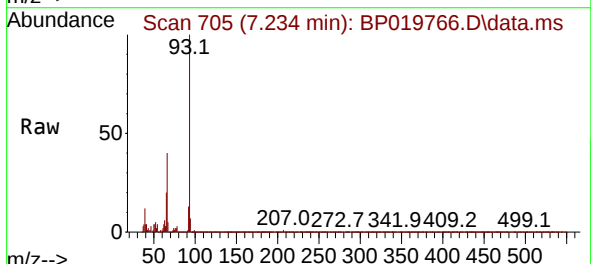
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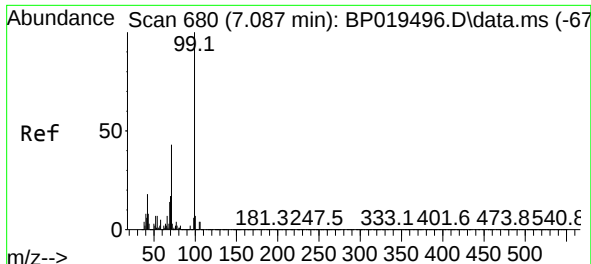
Tgt Ion:112 Resp: 451616
Ion Ratio Lower Upper
112 100
64 58.8 47.4 71.0
63 33.7 27.0 40.6



#6
Aniline
Concen: 31.143 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.017 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

Tgt Ion: 93 Resp: 146594
Ion Ratio Lower Upper
93 100
66 40.3 32.3 48.5
65 20.2 16.4 24.6





#7

Phenol-d6

Concen: 115.637 ng

RT: 7.075 min Scan# 61

Delta R.T. -0.012 min

Lab File: BP019766.D

Acq: 19 Feb 2024 16:54

Instrument :

BNA_P

ClientSampleId :

TP-2MSD

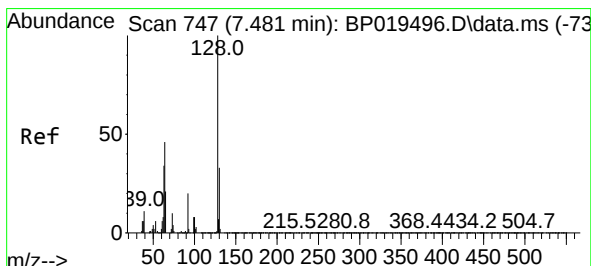
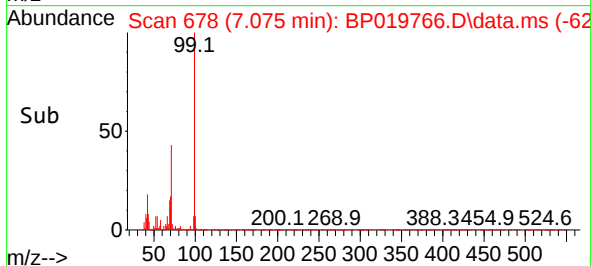
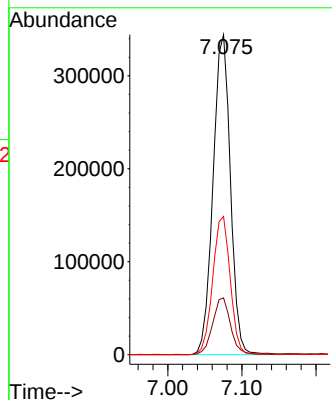
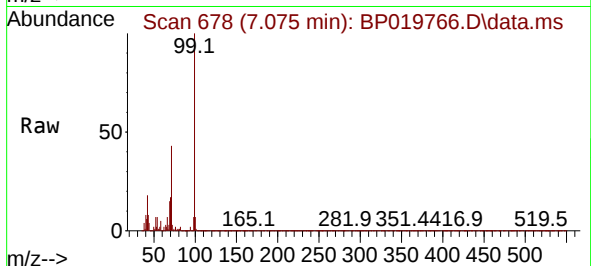
Tgt Ion: 99 Resp: 560180

Ion Ratio Lower Upper

99 100

42 17.7 14.7 22.1

71 43.2 34.8 52.2



#8

2-Chlorophenol

Concen: 47.510 ng

RT: 7.463 min Scan# 744

Delta R.T. -0.017 min

Lab File: BP019766.D

Acq: 19 Feb 2024 16:54

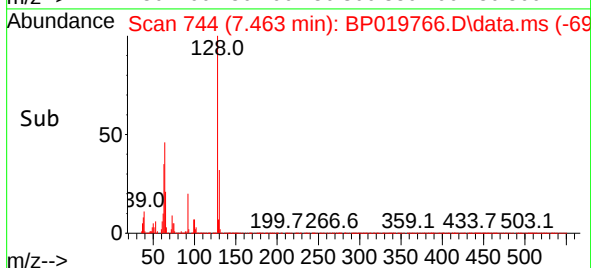
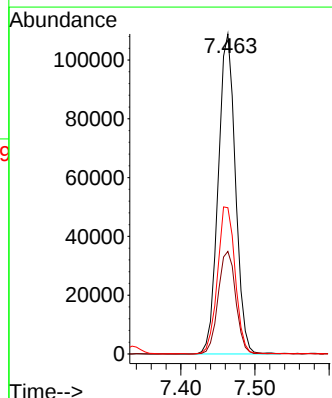
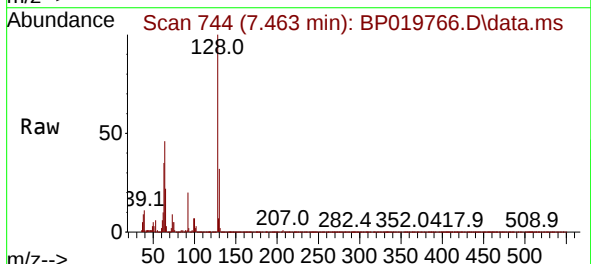
Tgt Ion:128 Resp: 175243

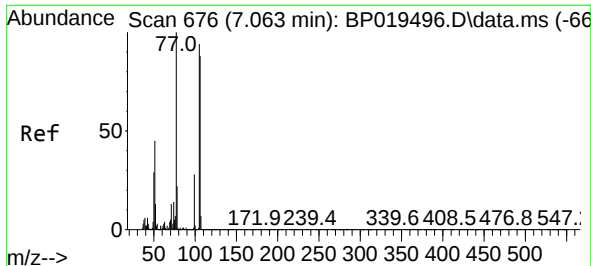
Ion Ratio Lower Upper

128 100

130 32.1 13.3 53.3

64 45.7 29.7 69.7

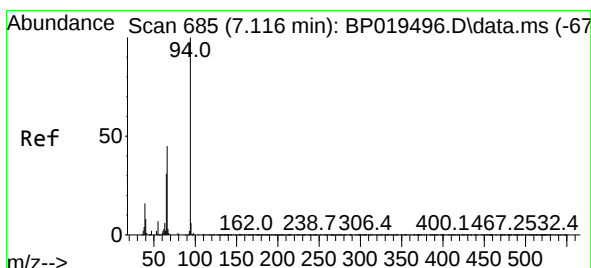
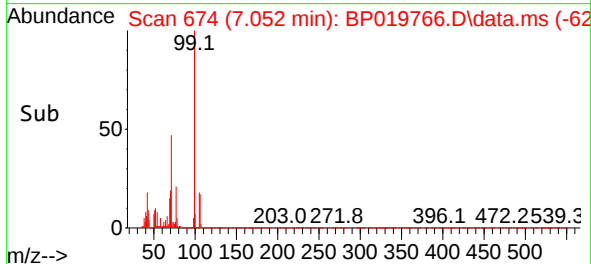
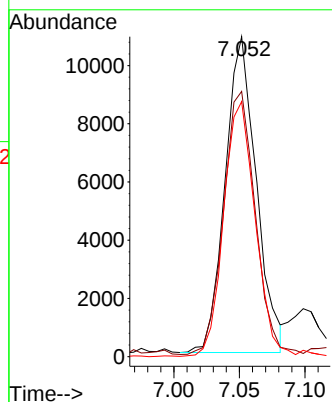
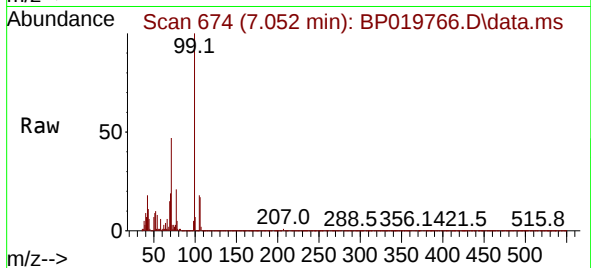




#9
Benzaldehyde
Concen: 5.273 ng
RT: 7.052 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

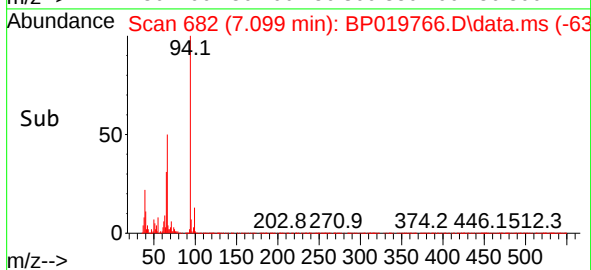
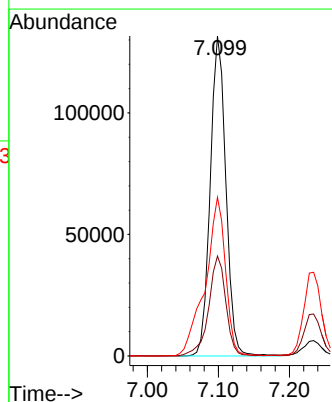
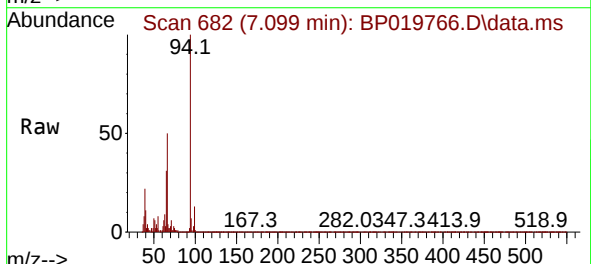
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ClientSampleId :
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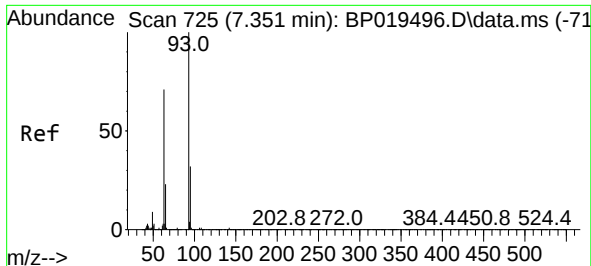
Tgt Ion: 77 Resp: 17910
Ion Ratio Lower Upper
77 100
105 82.9 74.0 114.0
106 79.7 67.8 107.8



#10
Phenol
Concen: 41.762 ng
RT: 7.099 min Scan# 682
Delta R.T. -0.017 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

Tgt Ion: 94 Resp: 201636
Ion Ratio Lower Upper
94 100
65 31.2 11.3 51.3
66 49.6 25.1 65.1

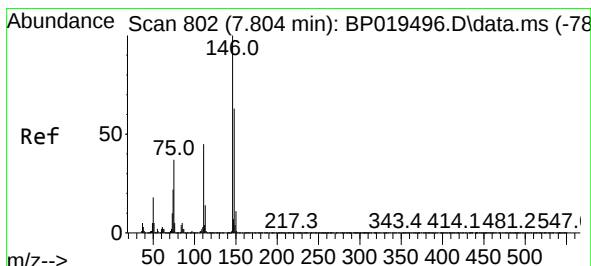
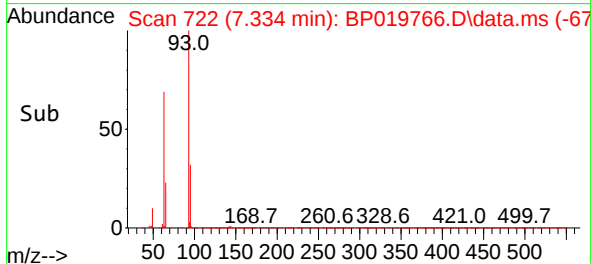
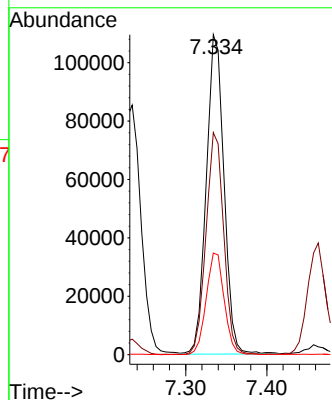
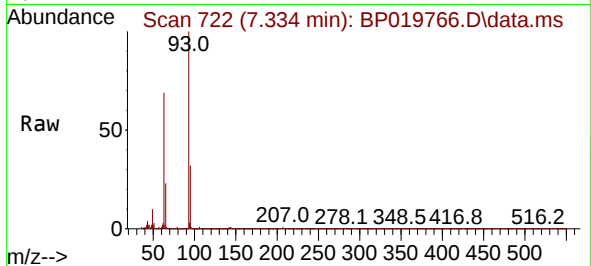




#11
bis(2-Chloroethyl)ether
Concen: 44.101 ng
RT: 7.334 min Scan# 711
Delta R.T. -0.017 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

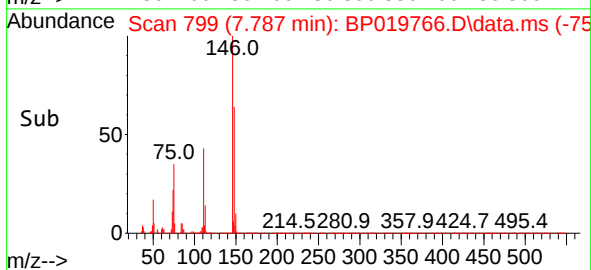
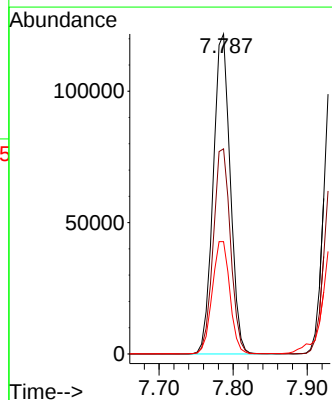
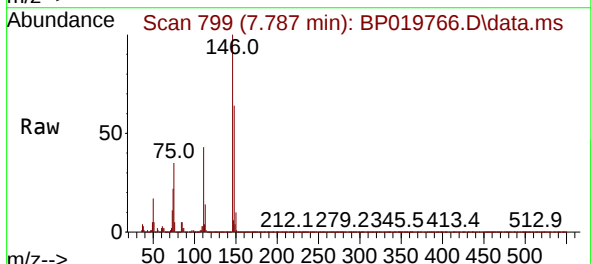
Instrument :
BNA_P
ClientSampleId :
TP-2MSD

Tgt Ion: 93 Resp: 165659
Ion Ratio Lower Upper
93 100
63 69.4 51.2 91.2
95 31.7 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 43.025 ng
RT: 7.787 min Scan# 799
Delta R.T. -0.017 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

Tgt Ion:146 Resp: 194189
Ion Ratio Lower Upper
146 100
148 64.1 50.4 75.6
75 35.1 29.9 44.9

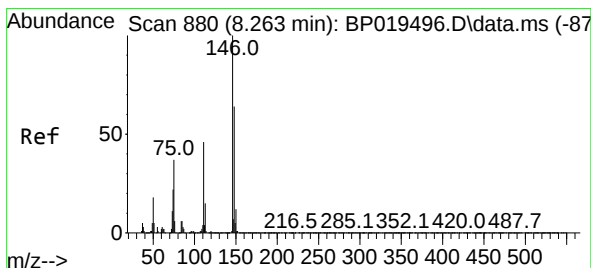
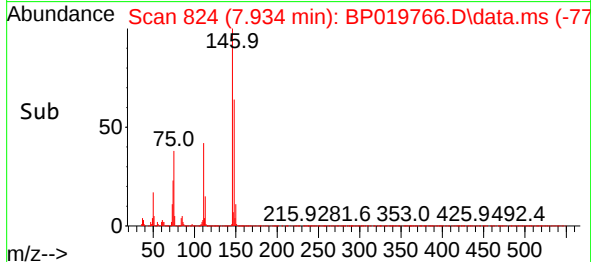
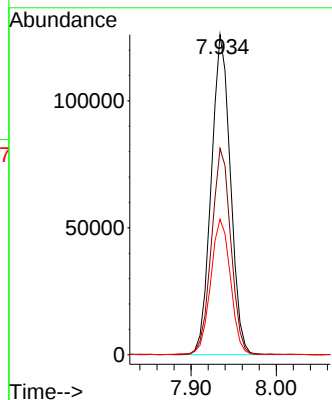
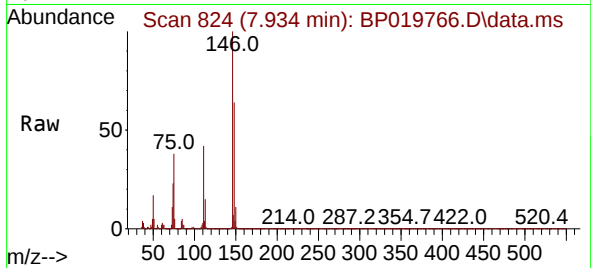




#13
1,4-Dichlorobenzene
Concen: 43.023 ng
RT: 7.934 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

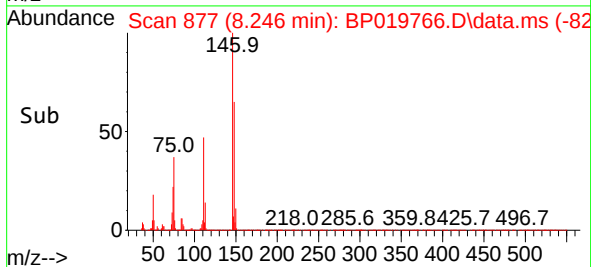
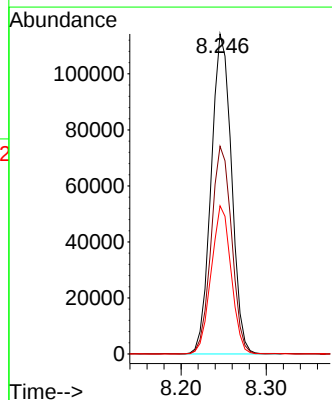
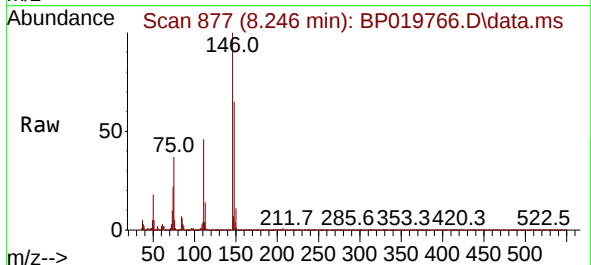
Instrument :
BNA_P
ClientSampleId :
TP-2MSD

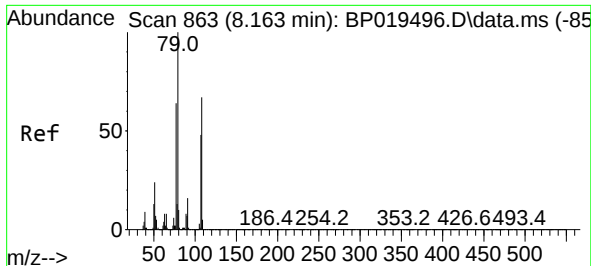
Tgt Ion:146 Resp: 196730
Ion Ratio Lower Upper
146 100
148 64.5 51.9 77.9
111 42.3 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 42.874 ng
RT: 8.246 min Scan# 877
Delta R.T. -0.017 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

Tgt Ion:146 Resp: 189685
Ion Ratio Lower Upper
146 100
148 64.9 51.4 77.0
111 46.3 37.0 55.6

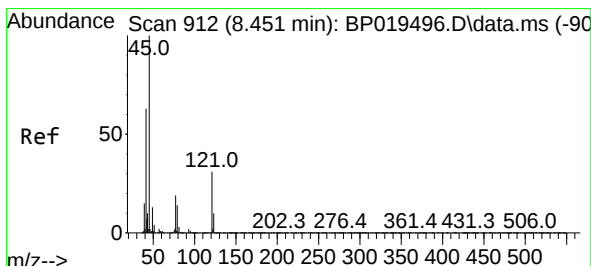
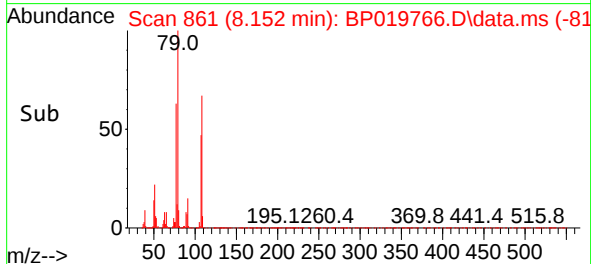
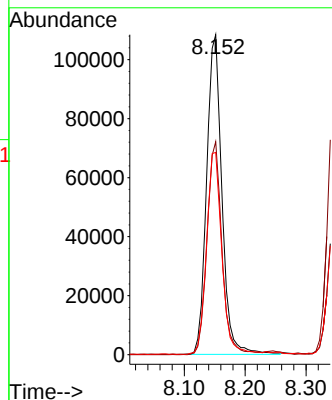
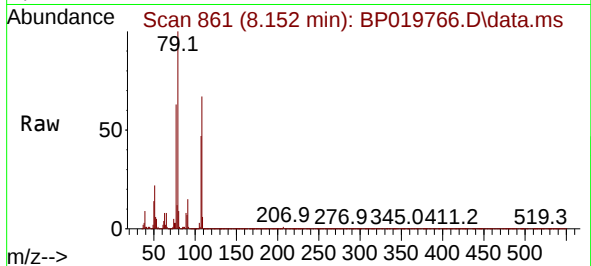




#15
Benzyl Alcohol
Concen: 48.775 ng
RT: 8.152 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

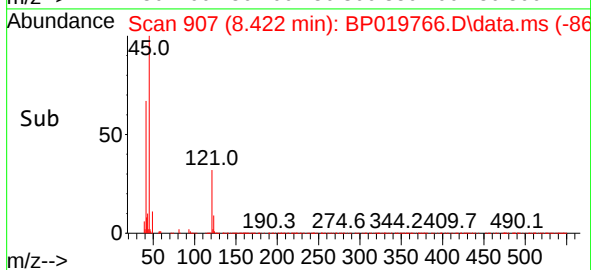
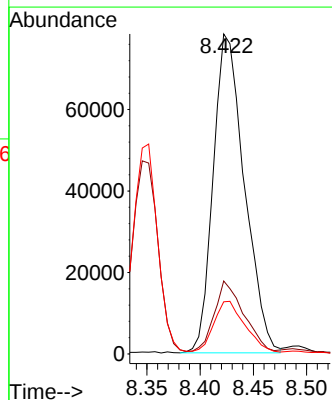
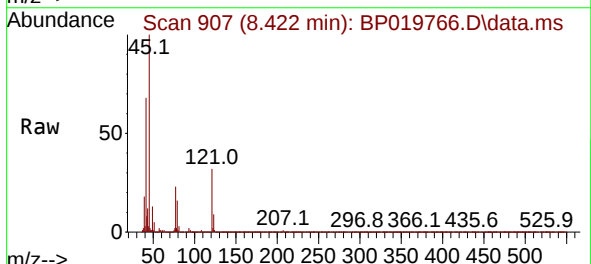
Instrument :
BNA_P
ClientSampleId :
TP-2MSD

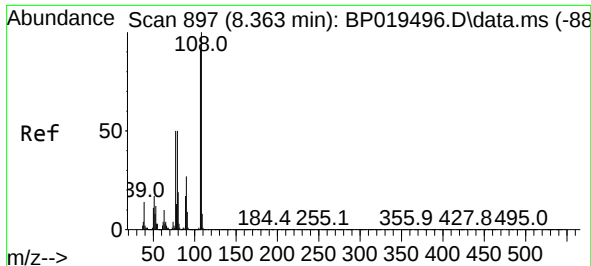
Tgt Ion: 79 Resp: 188792
Ion Ratio Lower Upper
79 100
108 66.5 53.8 80.6
77 63.2 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.498 ng
RT: 8.422 min Scan# 907
Delta R.T. -0.029 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

Tgt Ion: 45 Resp: 159636
Ion Ratio Lower Upper
45 100
77 22.8 0.8 40.8
79 16.3 0.0 35.5





#17

2-Methylphenol

Concen: 45.619 ng

RT: 8.346 min Scan# 897

Delta R.T. -0.017 min

Lab File: BP019766.D

Acq: 19 Feb 2024 16:54

Instrument :

BNA_P

ClientSampleId :

TP-2MSD

Tgt Ion:107 Resp: 148288

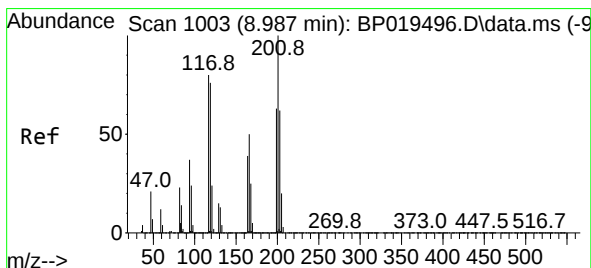
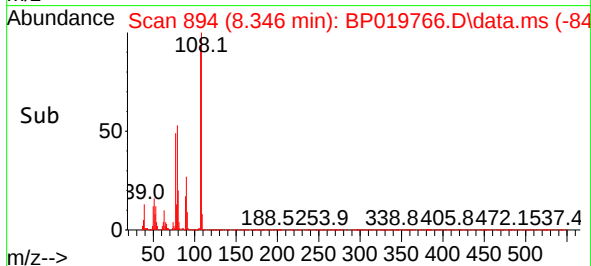
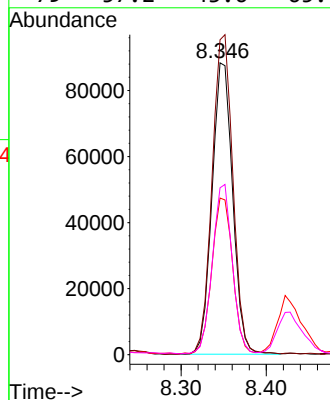
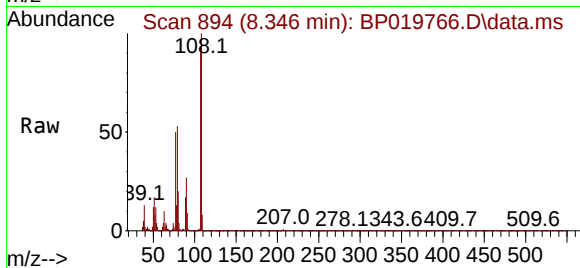
Ion Ratio Lower Upper

107 100

108 107.9 87.0 130.6

77 53.7 43.5 65.3

79 57.2 43.6 65.4



#18

Hexachloroethane

Concen: 41.977 ng

RT: 8.969 min Scan# 1000

Delta R.T. -0.017 min

Lab File: BP019766.D

Acq: 19 Feb 2024 16:54

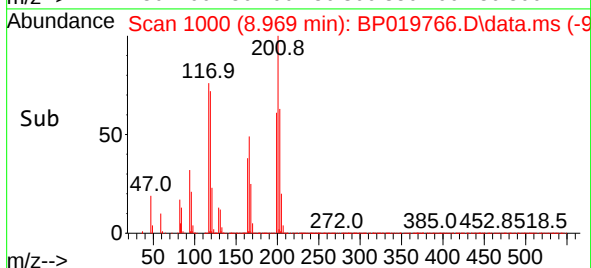
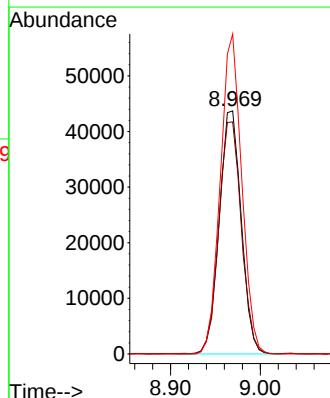
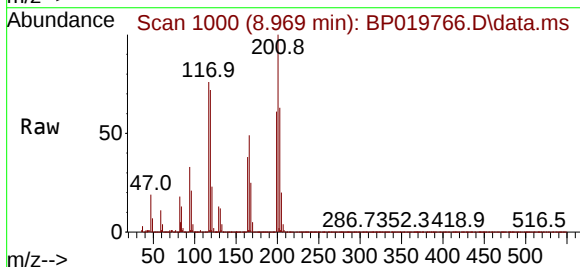
Tgt Ion:117 Resp: 74401

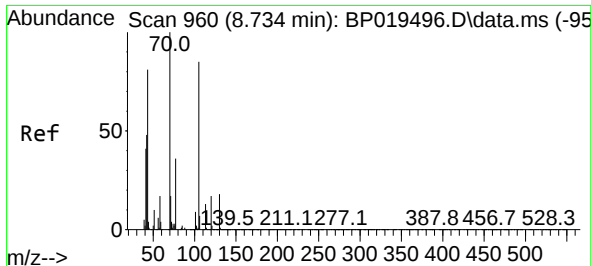
Ion Ratio Lower Upper

117 100

119 95.4 75.5 113.3

201 131.6 99.4 149.2

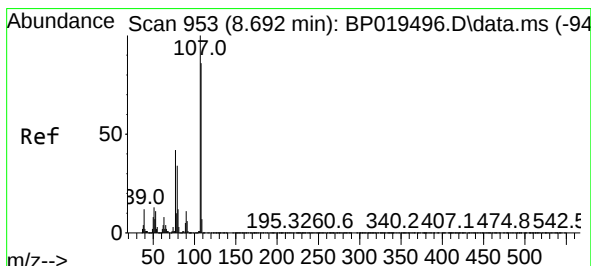
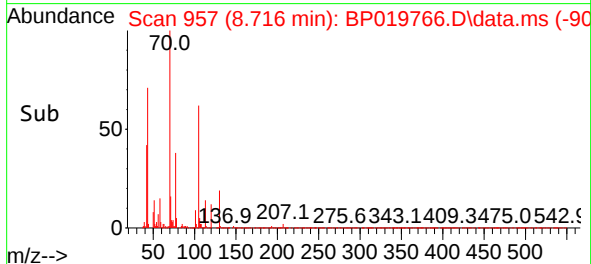
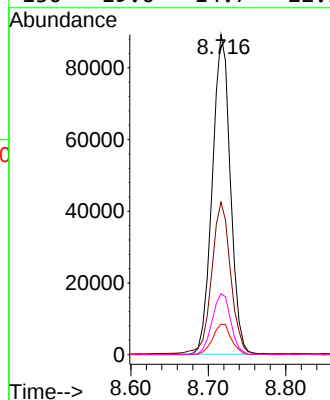
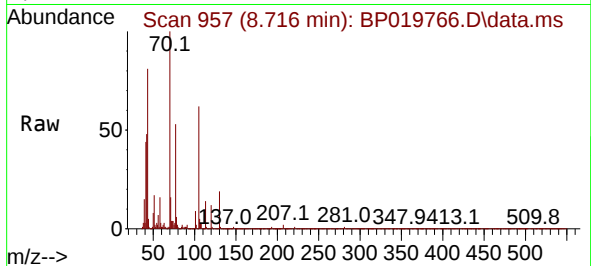




#19
n-Nitroso-di-n-propylamine
Concen: 43.691 ng
RT: 8.716 min Scan# 91
Delta R.T. -0.017 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

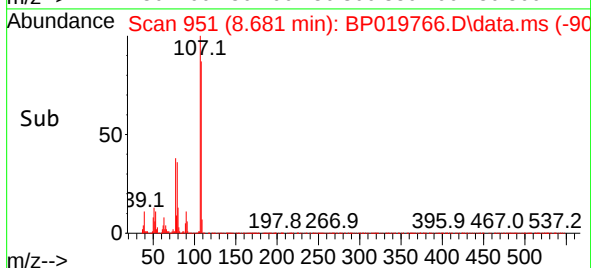
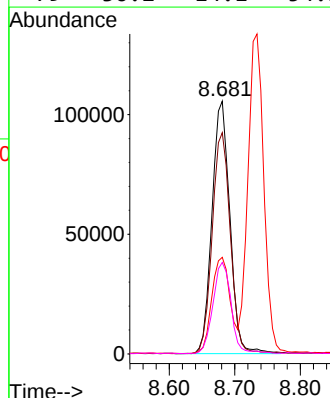
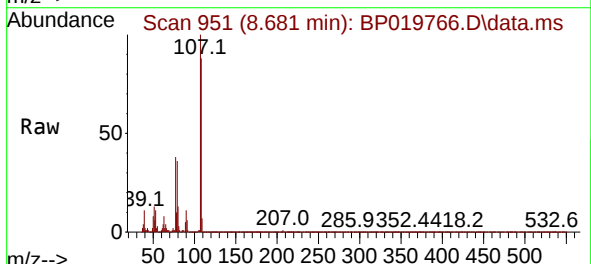
Instrument :
BNA_P
ClientSampleId :
TP-2MSD

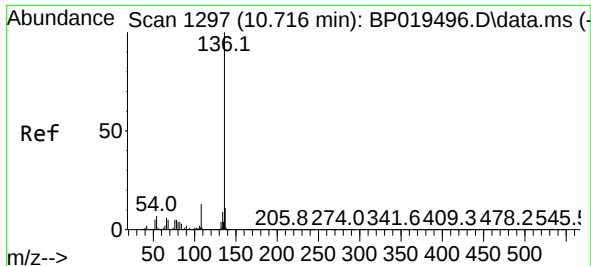
Tgt Ion:	70	Resp:	144569
Ion	Ratio	Lower	Upper
70	100		
42	47.6	39.2	58.8
101	9.5	7.3	10.9
130	19.0	14.7	22.1



#20
3+4-Methylphenols
Concen: 44.978 ng
RT: 8.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

Tgt Ion:	107	Resp:	199533
Ion	Ratio	Lower	Upper
107	100		
108	87.5	65.5	105.5
77	38.3	21.8	61.8
79	36.2	14.1	54.1

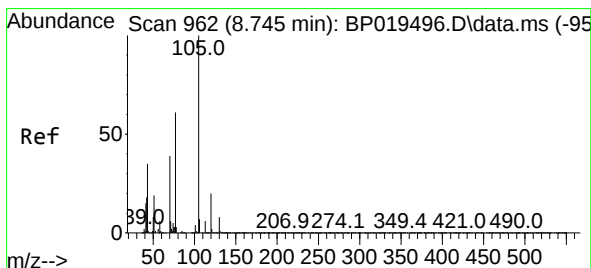
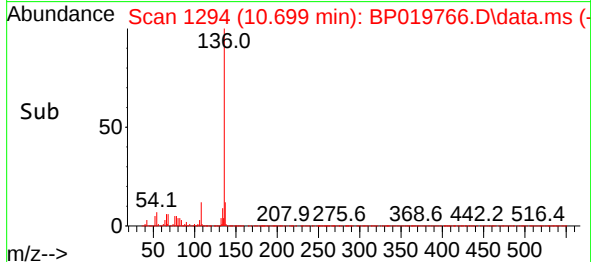
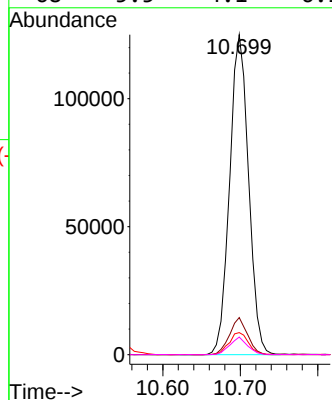
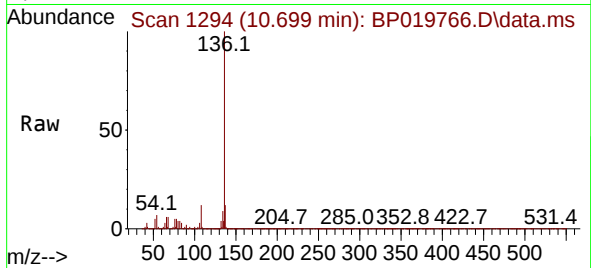




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 11
Delta R.T. -0.017 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

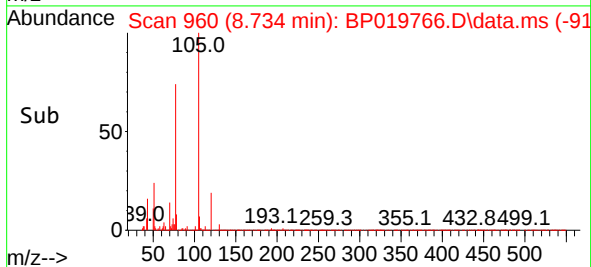
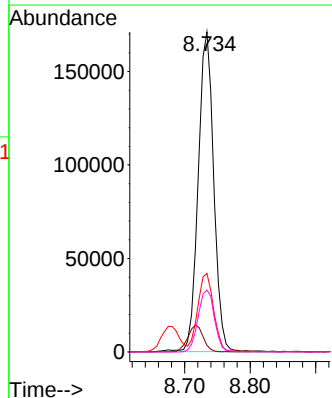
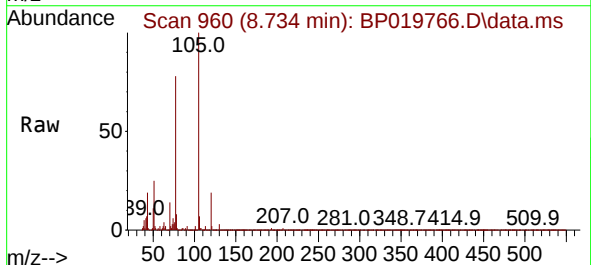
Instrument :
BNA_P
ClientSampleId :
TP-2MSD

Tgt Ion:	136	Resp:	212866
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.8	13.2
54	6.9	5.3	7.9
68	5.5	4.1	6.1



#22
Acetophenone
Concen: 46.330 ng
RT: 8.734 min Scan# 960
Delta R.T. -0.012 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

Tgt Ion:	105	Resp:	280957
Ion Ratio	Lower	Upper	
105	100		
71	2.1	4.9	7.3#
51	24.6	20.7	31.1
120	19.3	15.8	23.8

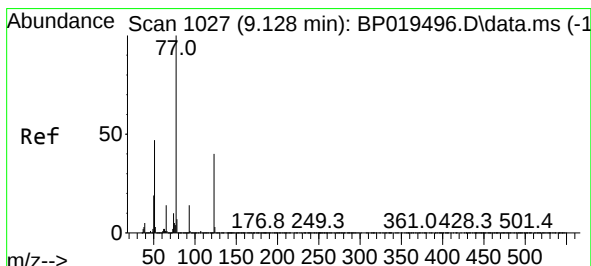
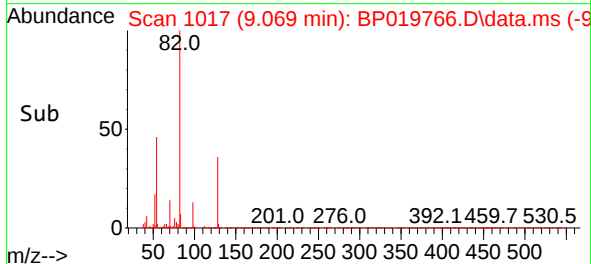
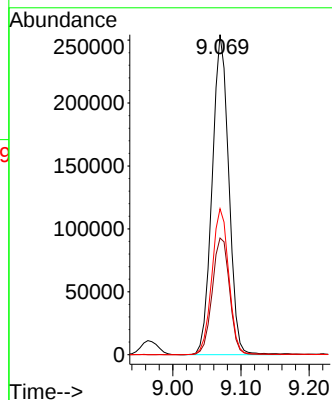
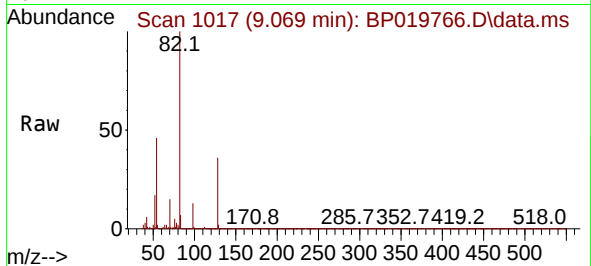




#23
Nitrobenzene-d5
Concen: 87.846 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.017 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

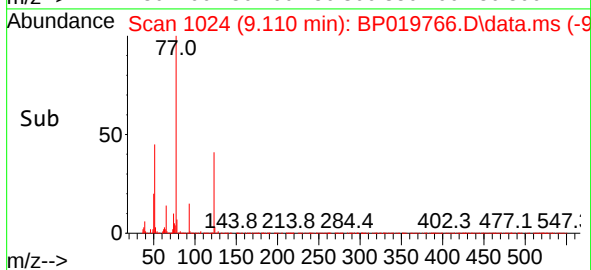
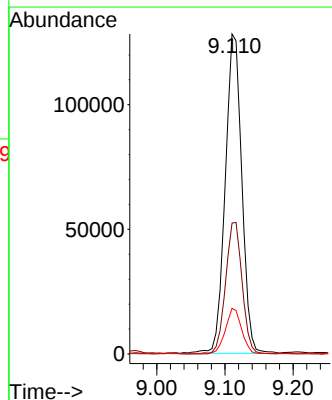
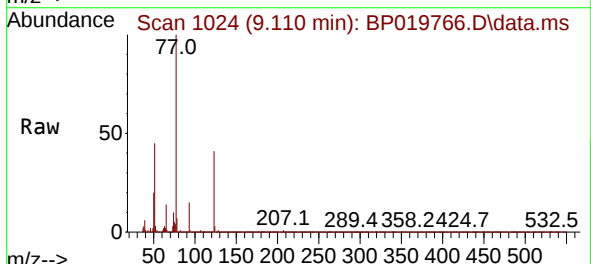
Instrument :
BNA_P
ClientSampleId :
TP-2MSD

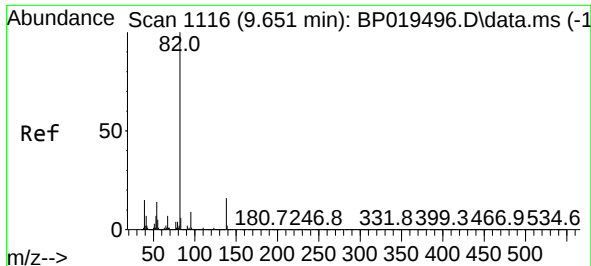
Tgt Ion: 82 Resp: 431544
Ion Ratio Lower Upper
82 100
128 36.4 29.7 44.5
54 45.6 36.8 55.2



#24
Nitrobenzene
Concen: 43.876 ng
RT: 9.110 min Scan# 1024
Delta R.T. -0.017 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

Tgt Ion: 77 Resp: 217019
Ion Ratio Lower Upper
77 100
123 40.9 32.3 48.5
65 14.3 11.6 17.4

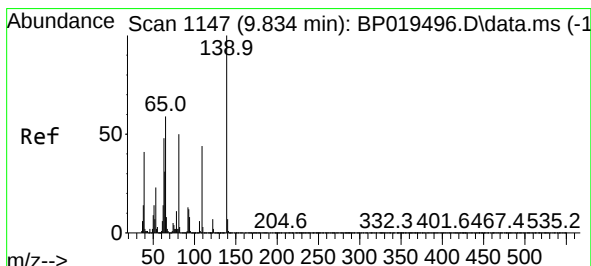
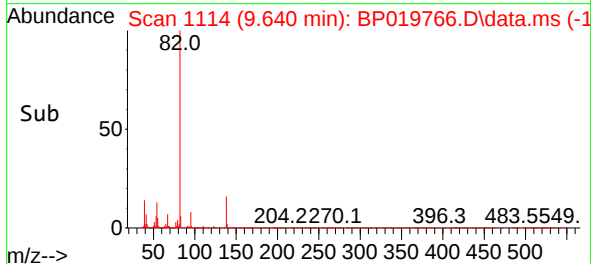
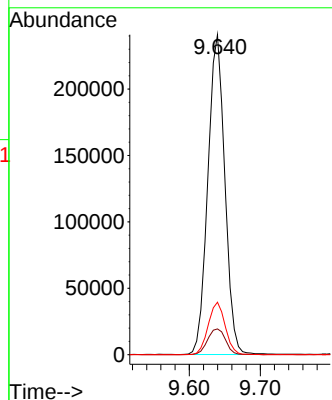
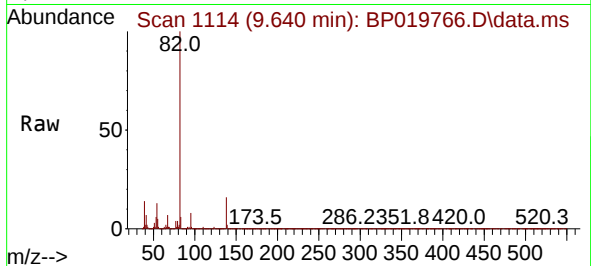




#25
Isophorone
Concen: 46.867 ng
RT: 9.640 min Scan# 1116
Delta R.T. -0.012 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

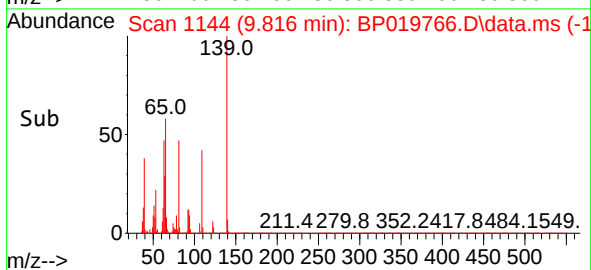
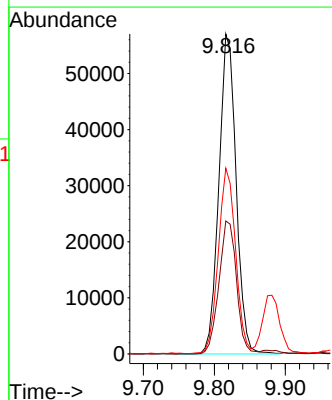
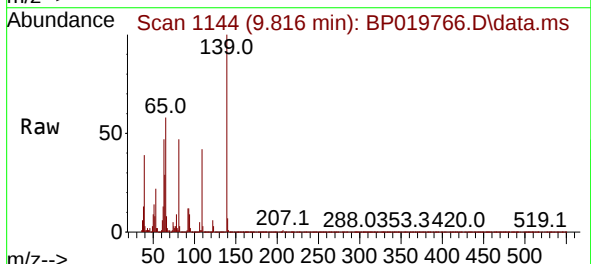
Instrument :
BNA_P
ClientSampleId :
TP-2MSD

Tgt Ion: 82 Resp: 400969
Ion Ratio Lower Upper
82 100
95 8.1 7.0 10.4
138 16.4 13.1 19.7



#26
2-Nitrophenol
Concen: 50.783 ng
RT: 9.816 min Scan# 1144
Delta R.T. -0.017 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

Tgt Ion: 139 Resp: 95773
Ion Ratio Lower Upper
139 100
109 41.6 34.9 52.3
65 58.1 47.5 71.3





#27

2,4-Dimethylphenol

Concen: 55.125 ng

RT: 9.881 min Scan# 1155

Delta R.T. -0.017 min

Lab File: BP019766.D

Acq: 19 Feb 2024 16:54

Instrument :

BNA_P

ClientSampleId :

TP-2MSD

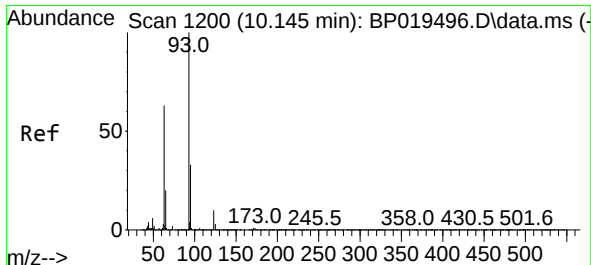
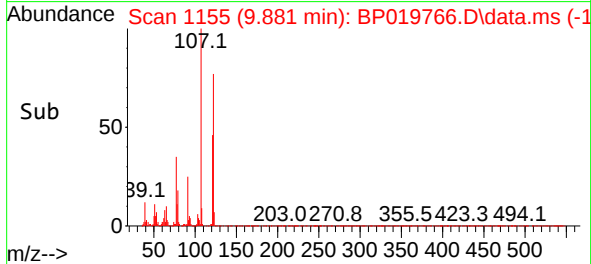
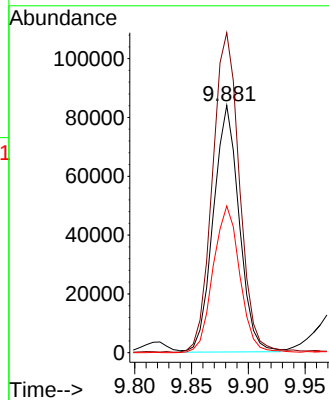
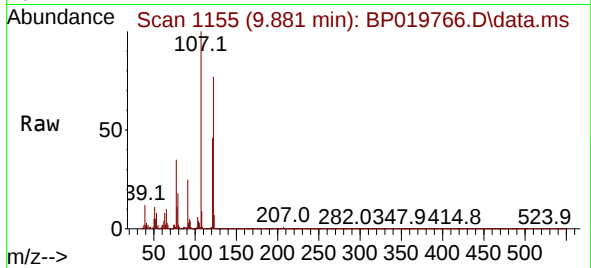
Tgt Ion:122 Resp: 132936

Ion Ratio Lower Upper

122 100

107 129.4 105.9 158.9

121 59.3 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 45.857 ng

RT: 10.122 min Scan# 1196

Delta R.T. -0.023 min

Lab File: BP019766.D

Acq: 19 Feb 2024 16:54

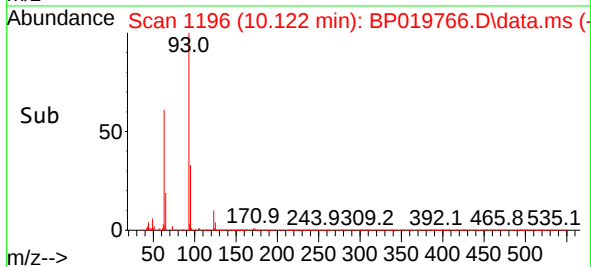
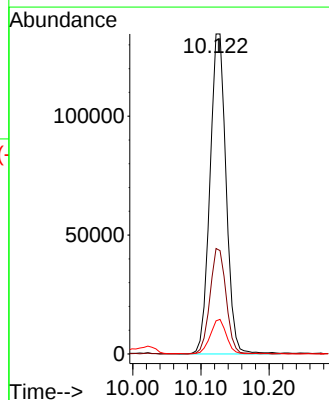
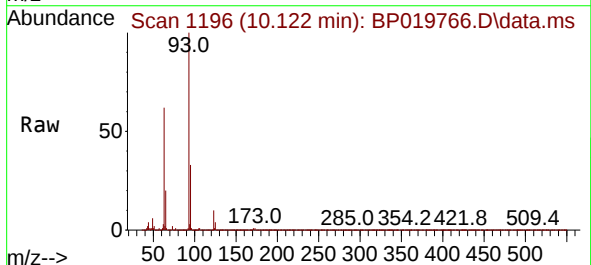
Tgt Ion: 93 Resp: 221976

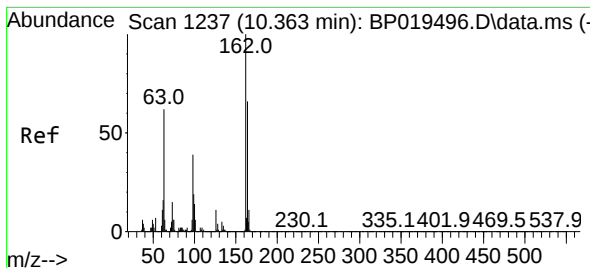
Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.4

123 10.4 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 51.711 ng

RT: 10.351 min Scan# 1235

Delta R.T. -0.012 min

Lab File: BP019766.D

Acq: 19 Feb 2024 16:54

Instrument :

BNA_P

ClientSampleId :

TP-2MSD

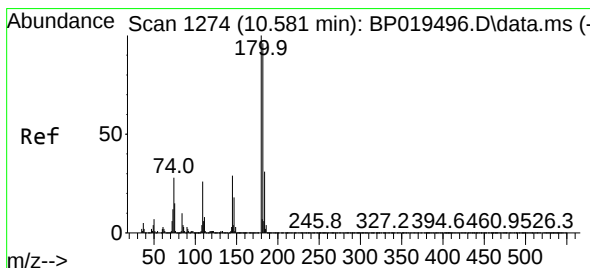
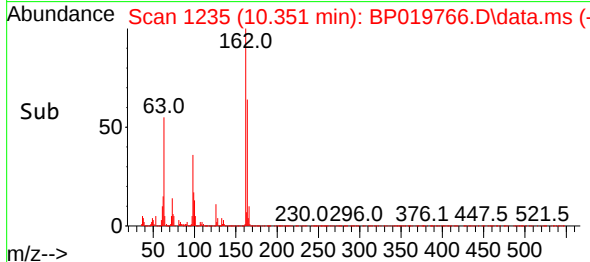
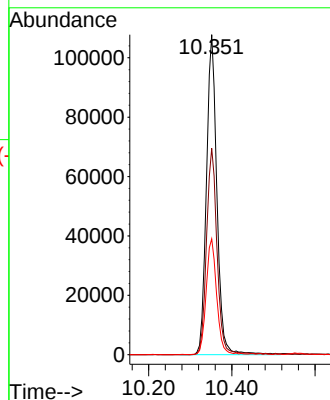
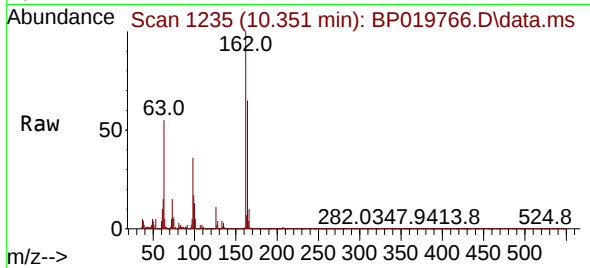
Tgt Ion:162 Resp: 188507

Ion Ratio Lower Upper

162 100

164 64.5 46.0 86.0

98 36.2 18.7 58.7



#30

1,2,4-Trichlorobenzene

Concen: 46.177 ng

RT: 10.563 min Scan# 1271

Delta R.T. -0.017 min

Lab File: BP019766.D

Acq: 19 Feb 2024 16:54

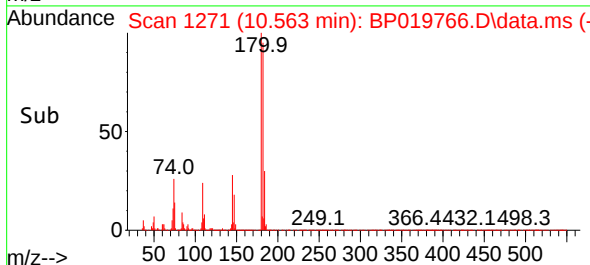
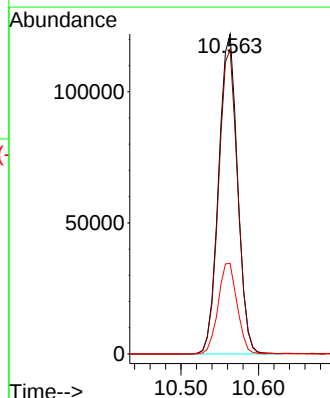
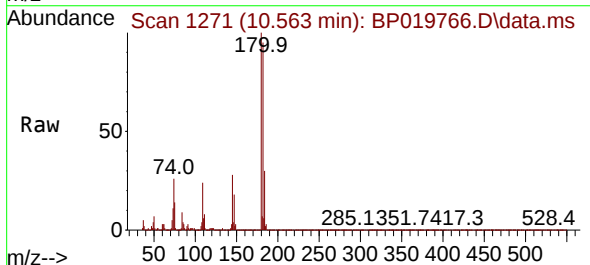
Tgt Ion:180 Resp: 206399

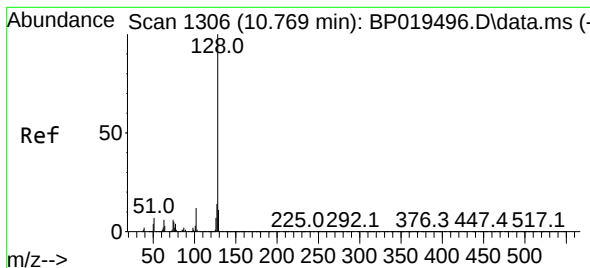
Ion Ratio Lower Upper

180 100

182 95.2 77.0 115.6

145 28.3 23.2 34.8





#31

Naphthalene

Concen: 44.931 ng

RT: 10.751 min Scan# 1180

Delta R.T. -0.017 min

Lab File: BP019766.D

Acq: 19 Feb 2024 16:54

Instrument :

BNA_P

ClientSampleId :

TP-2MSD

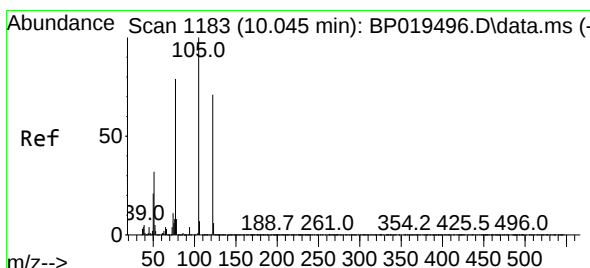
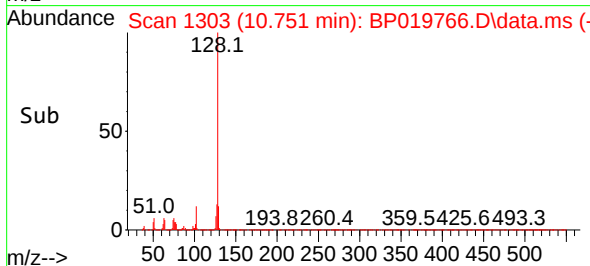
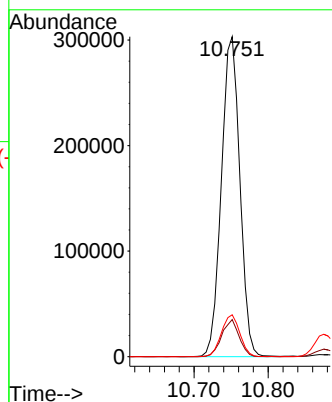
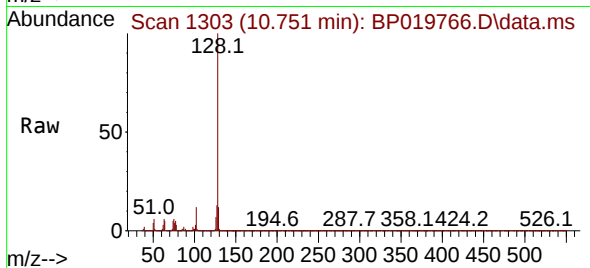
Tgt Ion:128 Resp: 524559

Ion Ratio Lower Upper

128 100

129 11.6 8.6 13.0

127 13.1 10.8 16.2



#32

Benzoic acid

Concen: 51.559 ng

RT: 10.028 min Scan# 1180

Delta R.T. -0.017 min

Lab File: BP019766.D

Acq: 19 Feb 2024 16:54

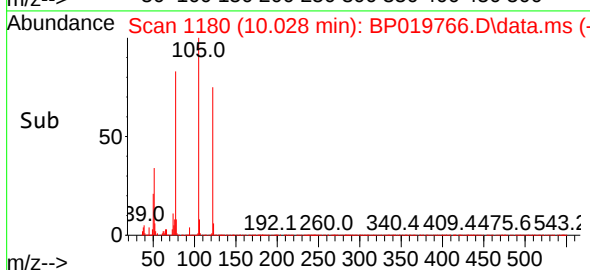
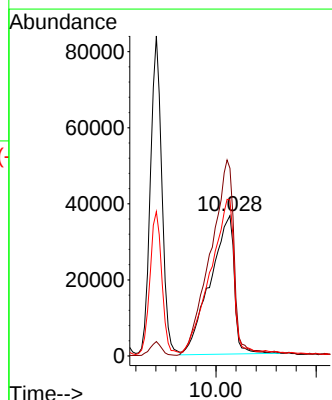
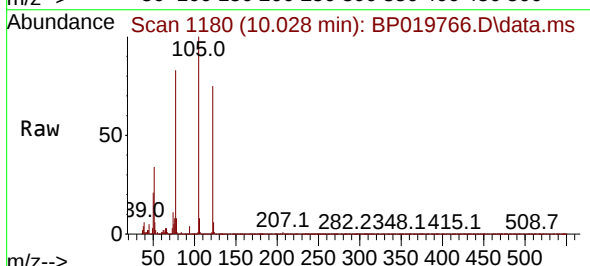
Tgt Ion:122 Resp: 121142

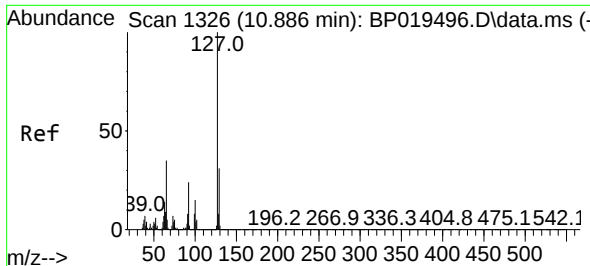
Ion Ratio Lower Upper

122 100

105 133.7 118.8 158.8

77 111.2 91.7 131.7

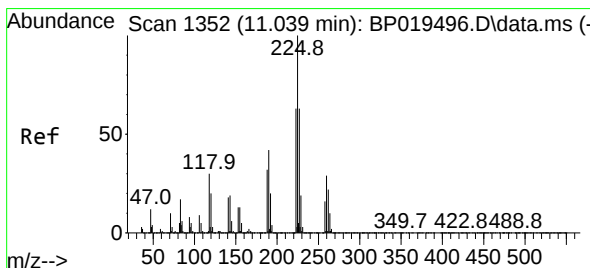
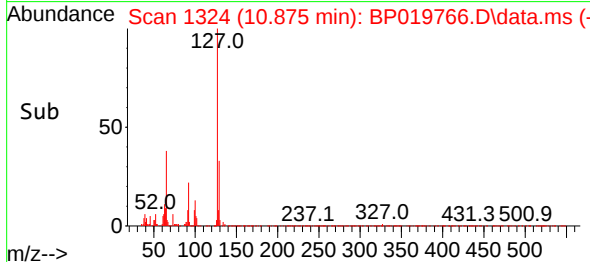
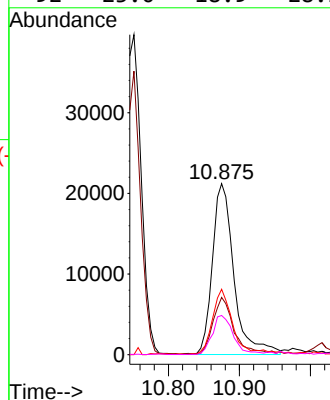
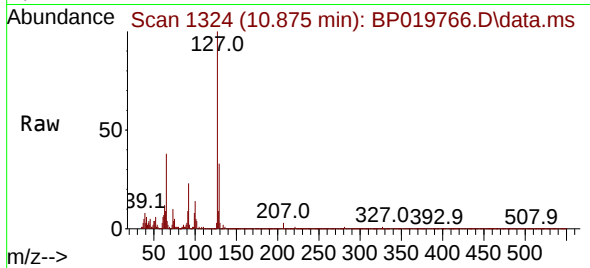




#33
4-Chloroaniline
Concen: 10.363 ng
RT: 10.875 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

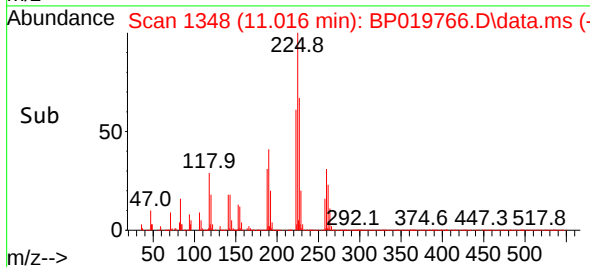
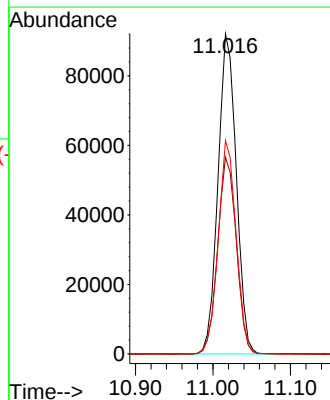
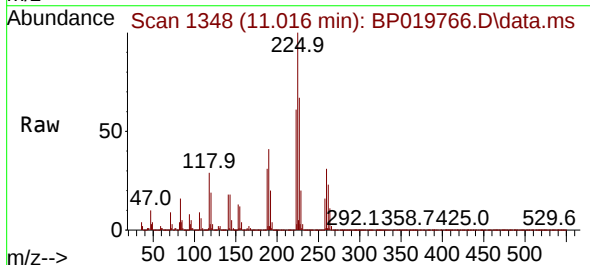
Instrument :
BNA_P
ClientSampleId :
TP-2MSD

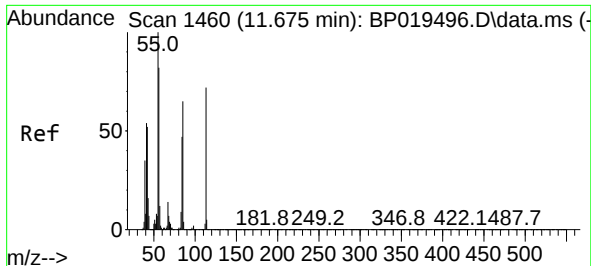
Tgt Ion:127	Resp:	44741
Ion	Ratio	Lower Upper
127	100	
129	33.5	24.6 36.8
65	38.3	28.2 42.4
92	23.0	18.9 28.3



#34
Hexachlorobutadiene
Concen: 45.556 ng
RT: 11.016 min Scan# 1348
Delta R.T. -0.023 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

Tgt Ion:225	Resp:	150891
Ion	Ratio	Lower Upper
225	100	
223	61.5	50.5 75.7
227	66.7	50.2 75.2

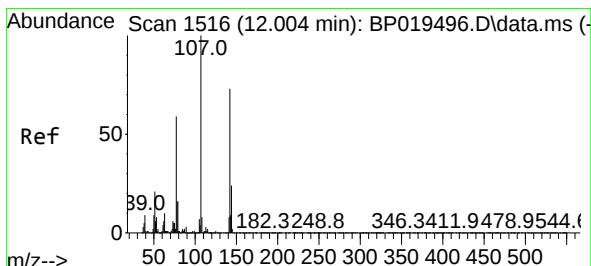
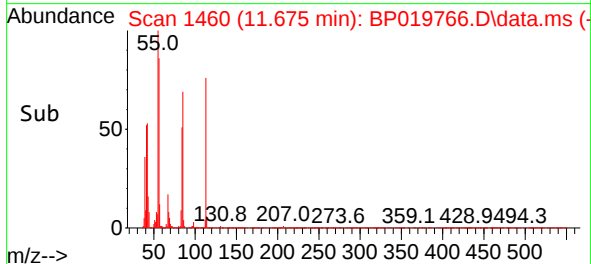
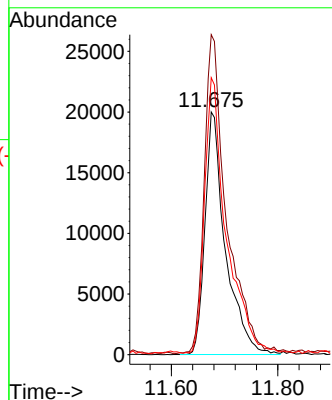
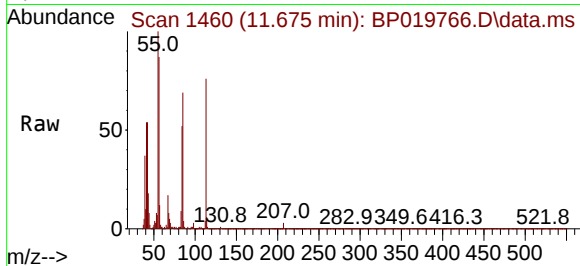




#35
Caprolactam
Concen: 51.632 ng
RT: 11.675 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

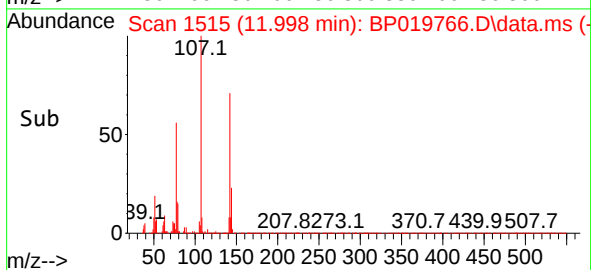
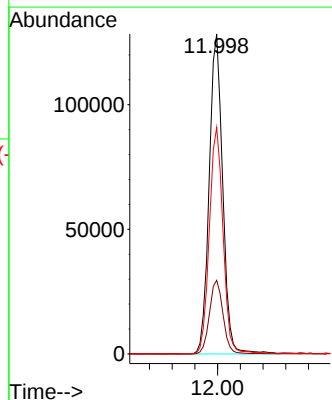
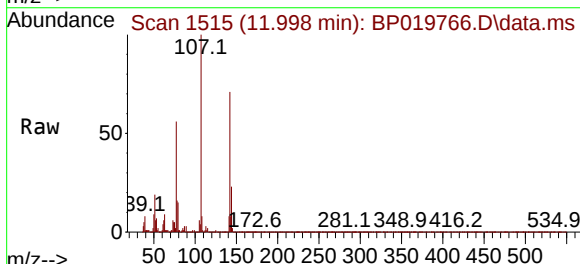
Instrument :
BNA_P
ClientSampleId :
TP-2MSD

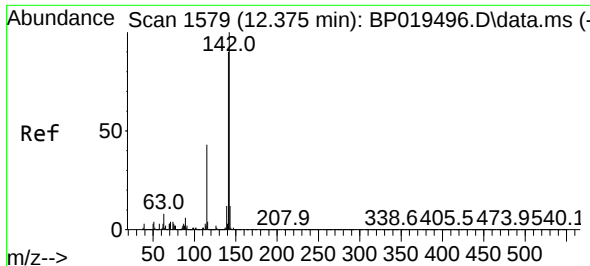
Tgt Ion:113 Resp: 53284
Ion Ratio Lower Upper
113 100
55 131.8 120.0 160.0
56 114.1 94.0 134.0



#36
4-Chloro-3-methylphenol
Concen: 53.100 ng
RT: 11.998 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

Tgt Ion:107 Resp: 211066
Ion Ratio Lower Upper
107 100
144 23.0 19.0 28.4
142 70.8 58.6 88.0

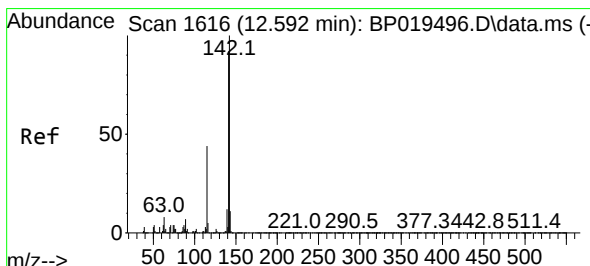
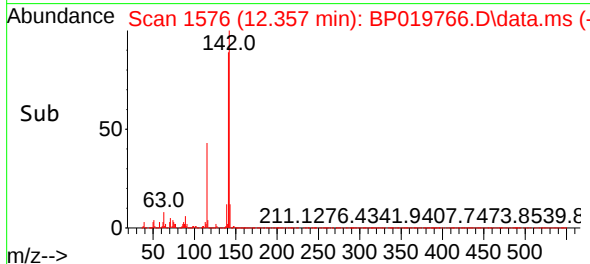
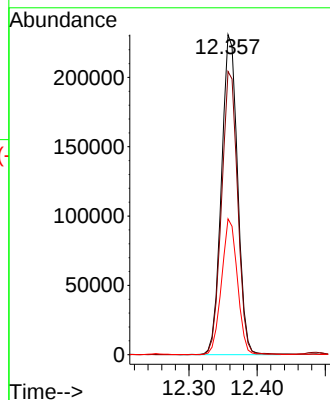
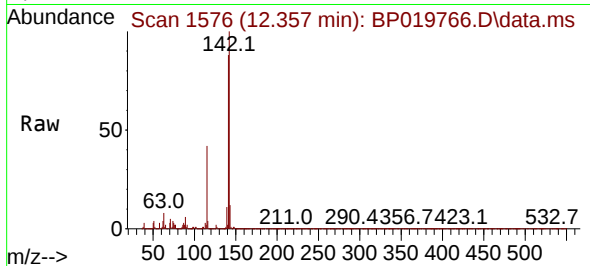




#37
2-Methylnaphthalene
Concen: 47.066 ng
RT: 12.357 min Scan# 11
Delta R.T. -0.017 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

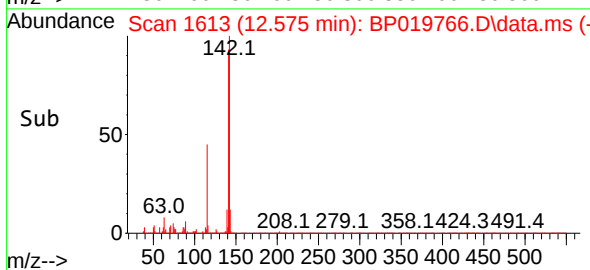
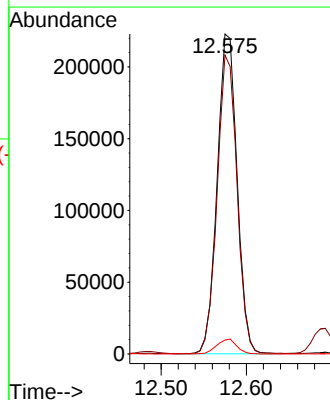
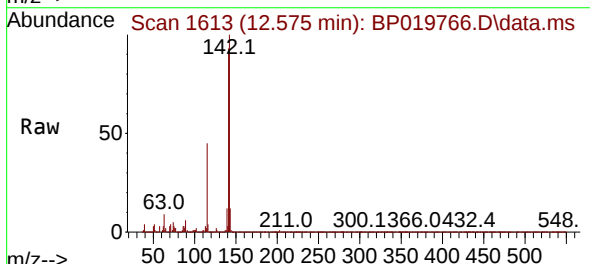
Instrument :
BNA_P
ClientSampleId :
TP-2MSD

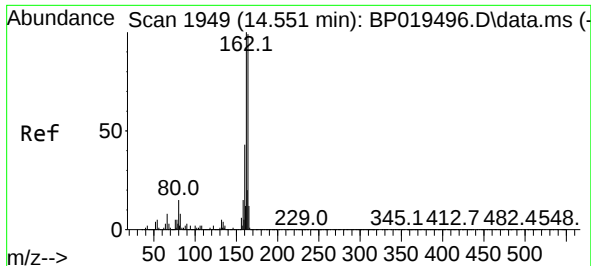
Tgt Ion:142 Resp: 380271
Ion Ratio Lower Upper
142 100
141 88.5 72.2 108.4
115 42.4 34.2 51.2



#38
1-Methylnaphthalene
Concen: 45.509 ng
RT: 12.575 min Scan# 1613
Delta R.T. -0.017 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

Tgt Ion:142 Resp: 361329
Ion Ratio Lower Upper
142 100
141 93.4 74.0 111.0
116 4.4 3.7 5.5

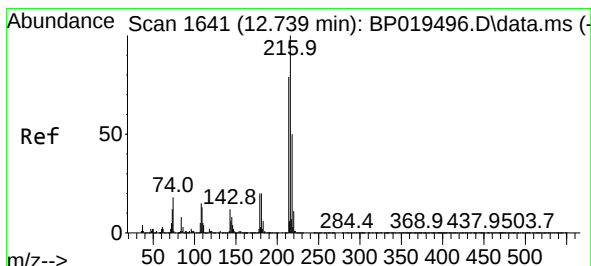
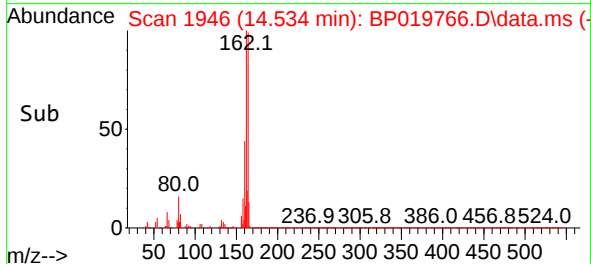
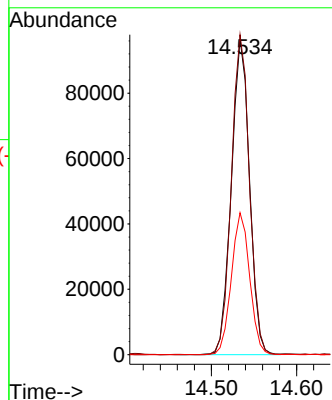
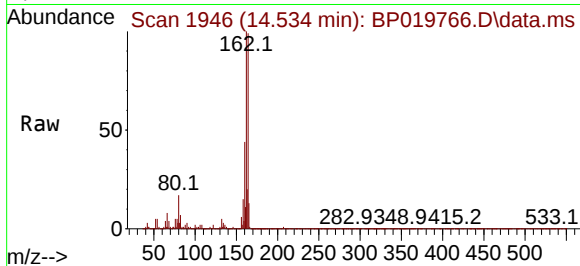




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 14
Delta R.T. -0.017 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

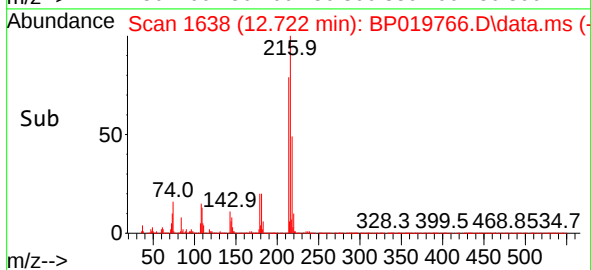
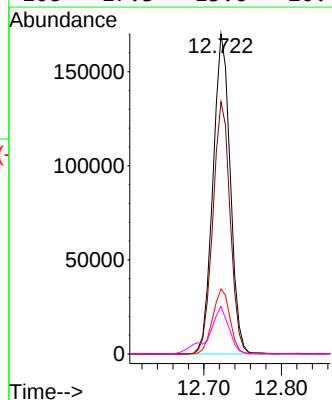
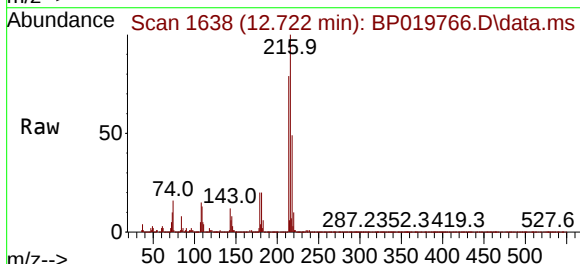
Instrument :
BNA_P
ClientSampleId :
TP-2MSD

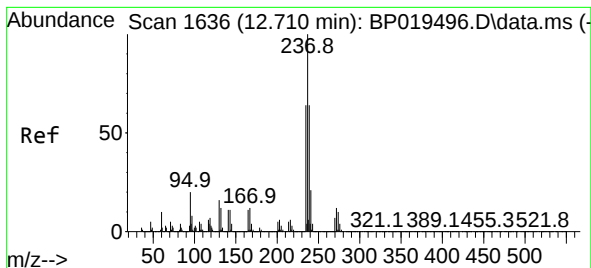
Tgt Ion:164 Resp: 142897
Ion Ratio Lower Upper
164 100
162 101.4 81.2 121.8
160 45.0 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.763 ng
RT: 12.722 min Scan# 1638
Delta R.T. -0.017 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

Tgt Ion:216 Resp: 263222
Ion Ratio Lower Upper
216 100
214 78.9 62.8 94.2
179 20.4 16.6 24.8
108 17.3 13.6 20.4





#41

Hexachlorocyclopentadiene

Concen: 114.925 ng

RT: 12.693 min Scan# 1

Delta R.T. -0.017 min

Lab File: BP019766.D

Acq: 19 Feb 2024 16:54

Instrument :

BNA_P

ClientSampleId :

TP-2MSD

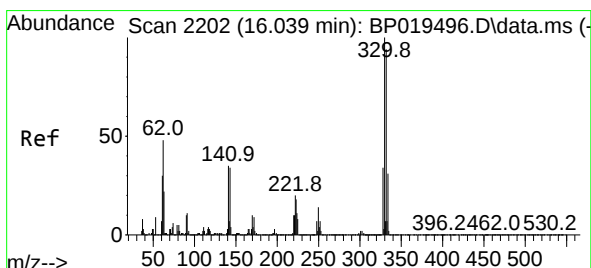
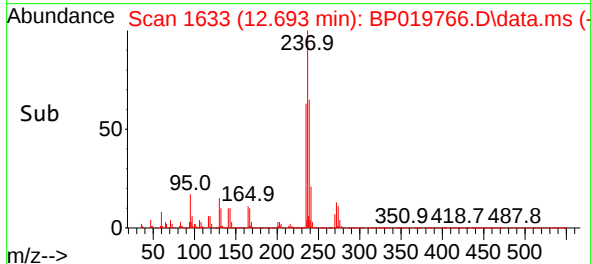
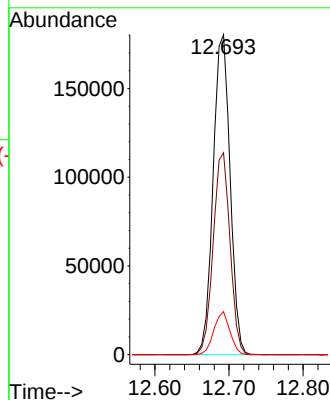
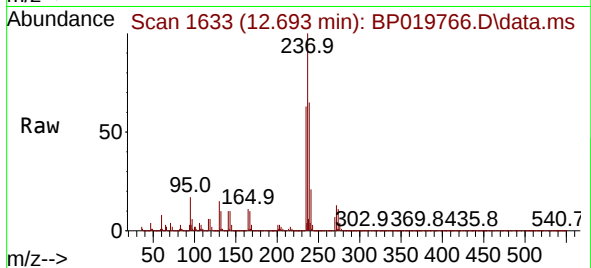
Tgt Ion:237 Resp: 286116

Ion Ratio Lower Upper

237 100

235 63.1 43.7 83.7

272 13.5 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 184.789 ng

RT: 16.034 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BP019766.D

Acq: 19 Feb 2024 16:54

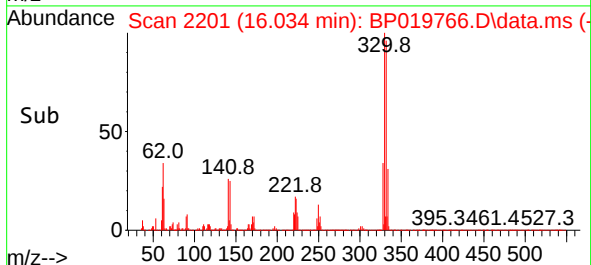
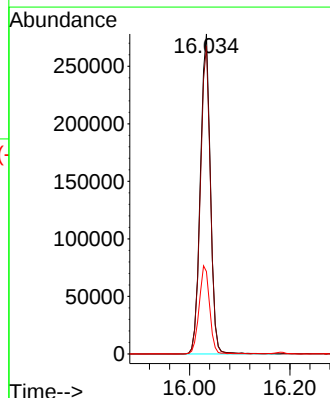
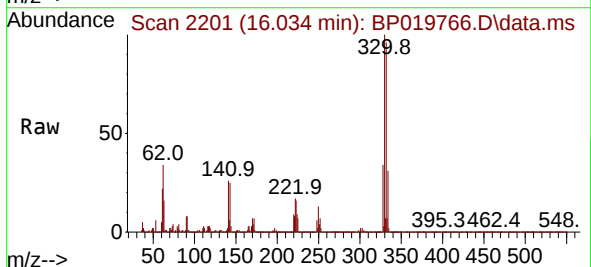
Tgt Ion:330 Resp: 385543

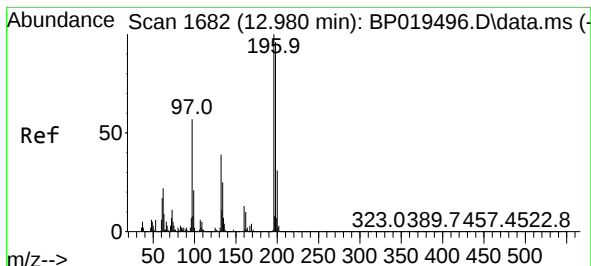
Ion Ratio Lower Upper

330 100

332 96.4 77.2 115.8

141 28.7 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 52.346 ng

RT: 12.969 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP019766.D

Acq: 19 Feb 2024 16:54

Instrument :

BNA_P

ClientSampleId :

TP-2MSD

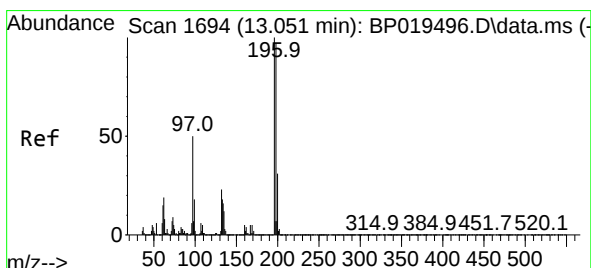
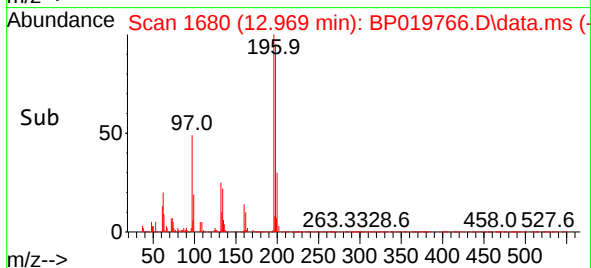
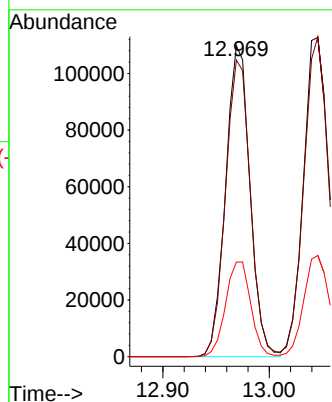
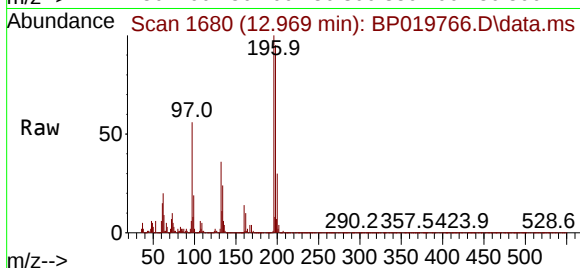
Tgt Ion:196 Resp: 174681

Ion Ratio Lower Upper

196 100

198 95.5 76.7 115.1

200 30.4 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 52.161 ng

RT: 13.045 min Scan# 1693

Delta R.T. -0.006 min

Lab File: BP019766.D

Acq: 19 Feb 2024 16:54

Tgt Ion:196 Resp: 191137

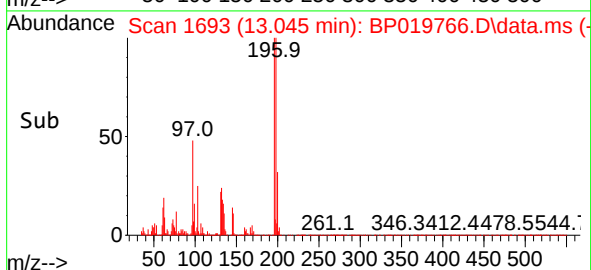
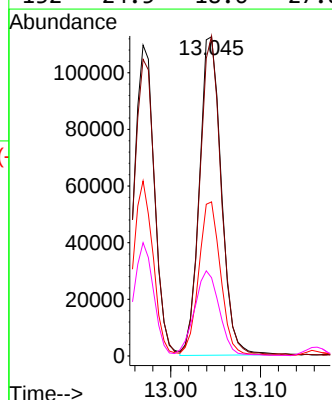
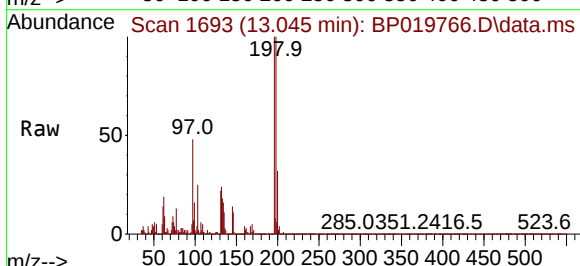
Ion Ratio Lower Upper

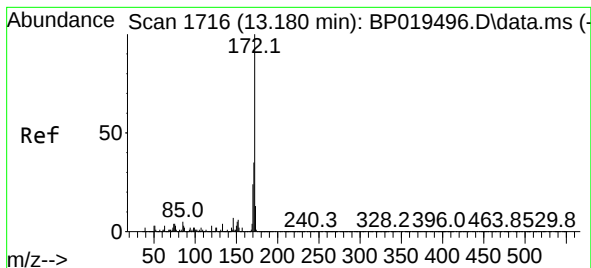
196 100

198 100.3 77.5 116.3

97 48.3 39.9 59.9

132 24.5 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 87.361 ng

RT: 13.163 min Scan# 1716

Delta R.T. -0.017 min

Lab File: BP019766.D

Acq: 19 Feb 2024 16:54

Instrument :

BNA_P

ClientSampleId :

TP-2MSD

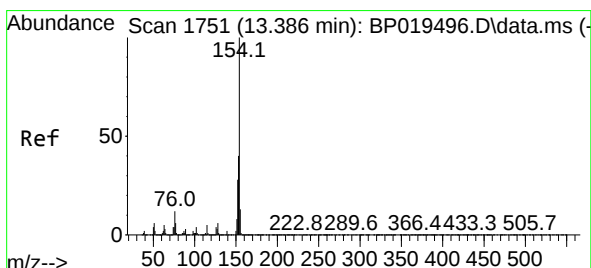
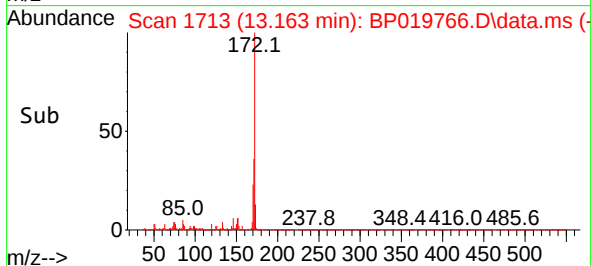
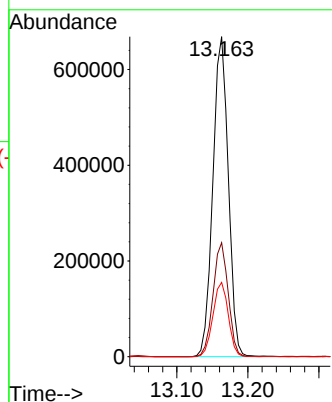
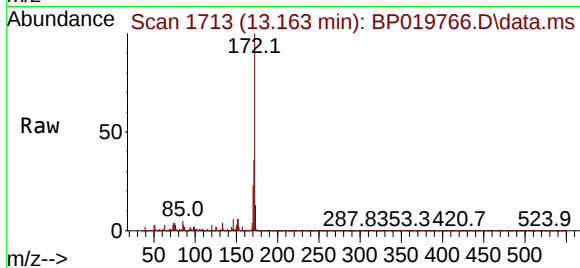
Tgt Ion:172 Resp: 1009816

Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.4

170 23.2 18.9 28.3



#46

1,1'-Biphenyl

Concen: 46.739 ng

RT: 13.375 min Scan# 1749

Delta R.T. -0.012 min

Lab File: BP019766.D

Acq: 19 Feb 2024 16:54

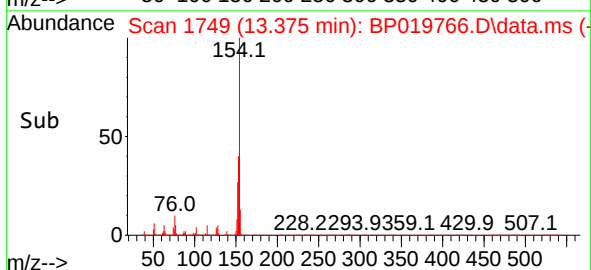
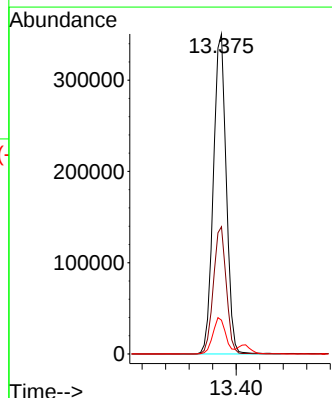
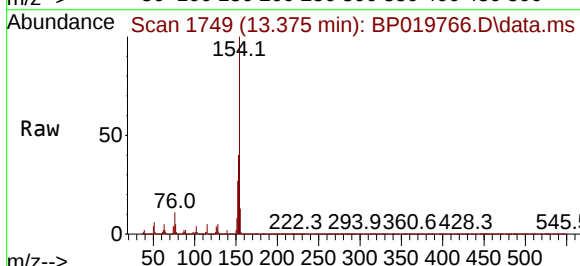
Tgt Ion:154 Resp: 533060

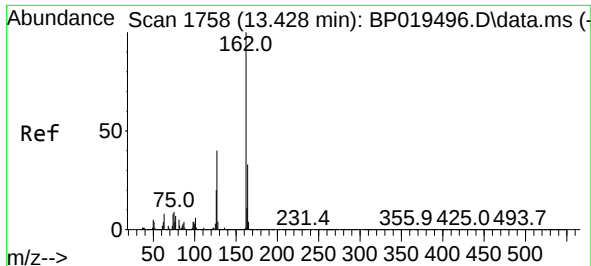
Ion Ratio Lower Upper

154 100

153 39.8 20.2 60.2

76 10.5 0.0 31.6

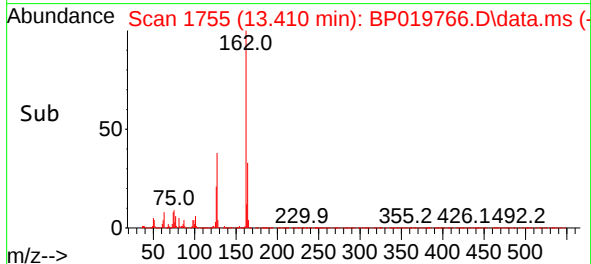
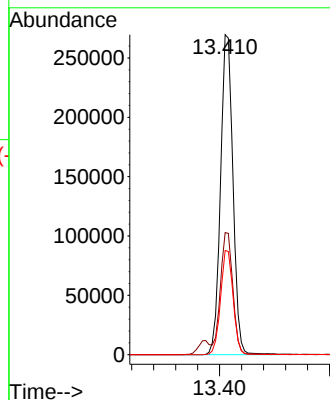
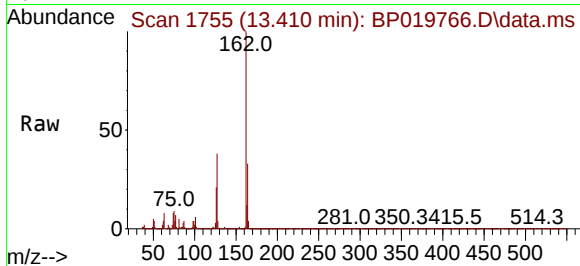




#47
2-Chloronaphthalene
Concen: 45.234 ng
RT: 13.410 min Scan# 1755
Delta R.T. -0.017 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

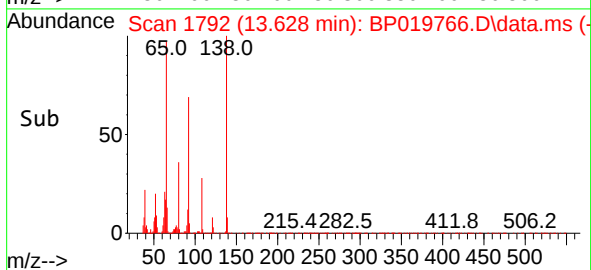
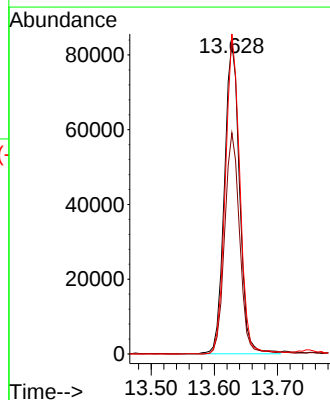
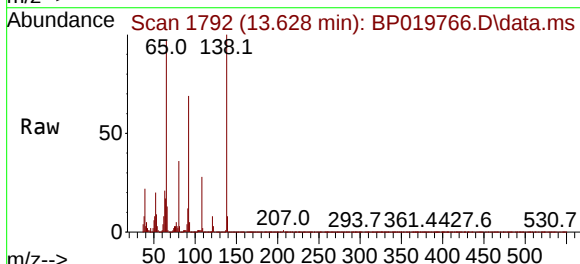
Instrument :
BNA_P
ClientSampleId :
TP-2MSD

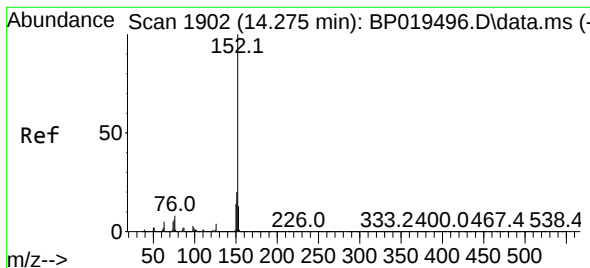
Tgt Ion:162 Resp: 423490
Ion Ratio Lower Upper
162 100
127 38.1 32.1 48.1
164 32.6 26.7 40.1



#48
2-Nitroaniline
Concen: 53.072 ng
RT: 13.628 min Scan# 1792
Delta R.T. -0.012 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

Tgt Ion: 65 Resp: 138937
Ion Ratio Lower Upper
65 100
92 71.0 54.7 82.1
138 102.7 77.8 116.6





#49

Acenaphthylene

Concen: 52.715 ng

RT: 14.257 min Scan# 1899

Delta R.T. -0.017 min

Lab File: BP019766.D

Acq: 19 Feb 2024 16:54

Instrument :

BNA_P

ClientSampleId :

TP-2MSD

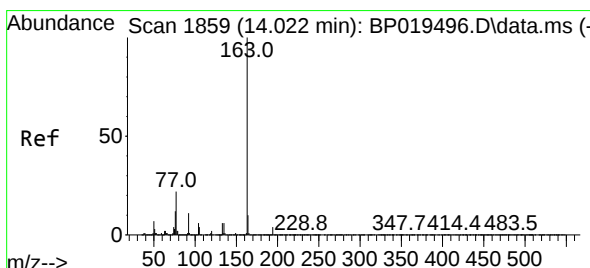
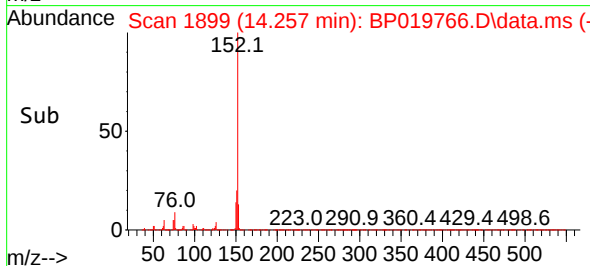
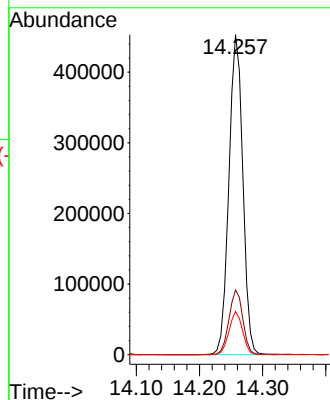
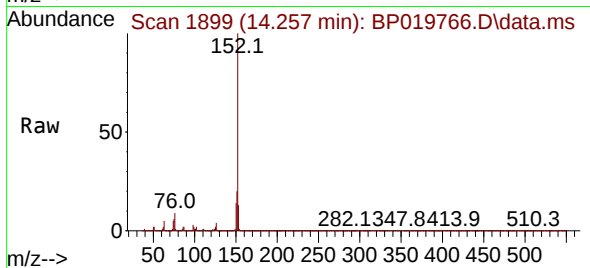
Tgt Ion:152 Resp: 692403

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.6

153 13.5 10.6 15.8



#50

Dimethylphthalate

Concen: 53.453 ng

RT: 14.004 min Scan# 1856

Delta R.T. -0.017 min

Lab File: BP019766.D

Acq: 19 Feb 2024 16:54

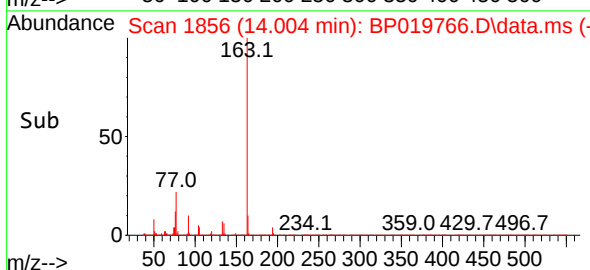
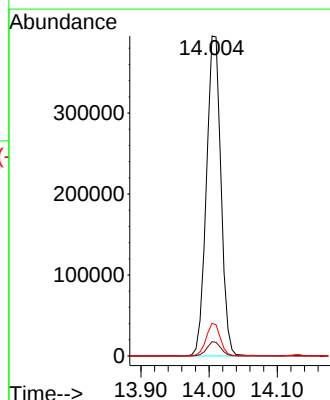
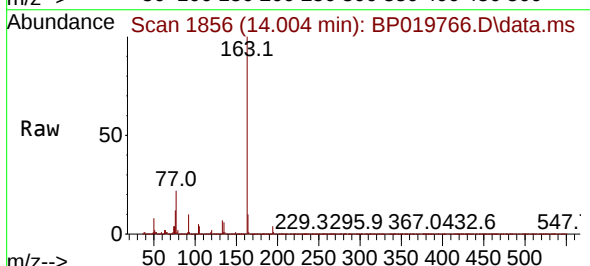
Tgt Ion:163 Resp: 584729

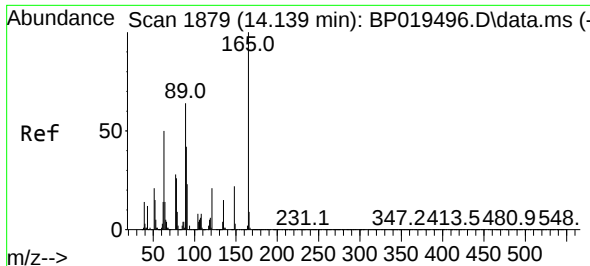
Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

164 10.2 7.8 11.6

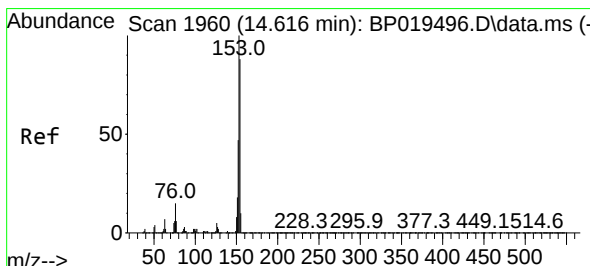
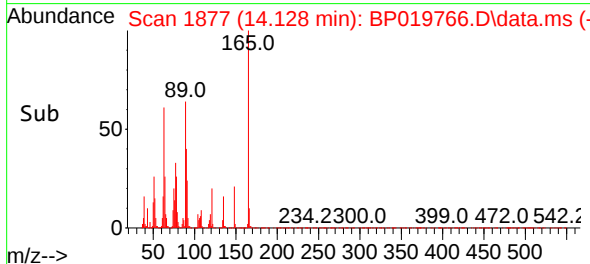
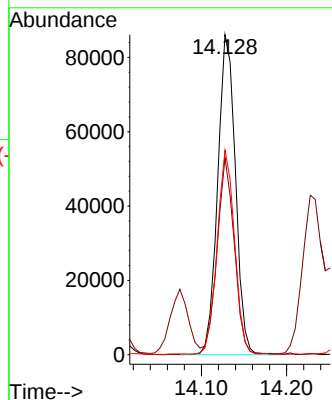
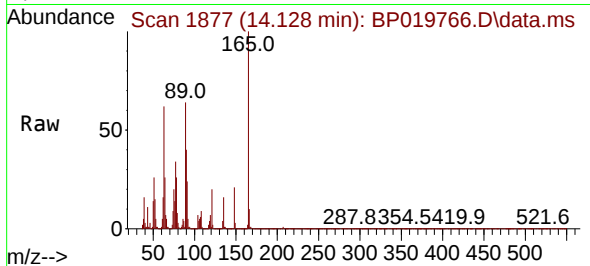




#51
2,6-Dinitrotoluene
Concen: 51.805 ng
RT: 14.128 min Scan# 1879
Delta R.T. -0.012 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

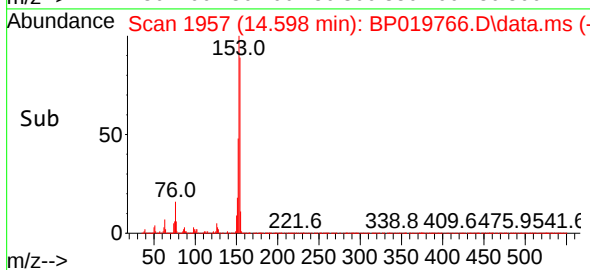
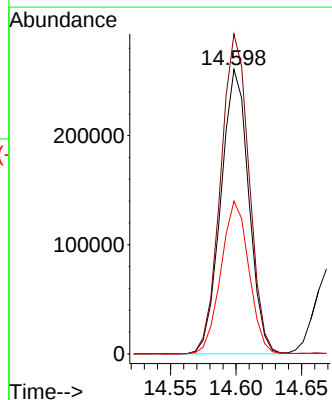
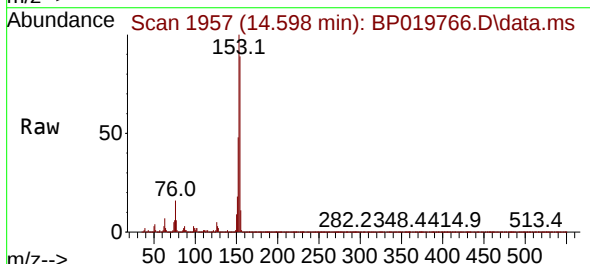
Instrument :
BNA_P
ClientSampleId :
TP-2MSD

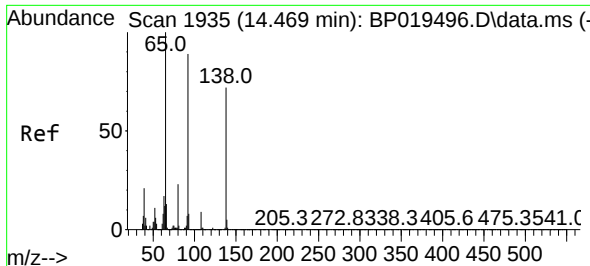
Tgt Ion:165 Resp: 124509
Ion Ratio Lower Upper
165 100
63 61.5 50.4 75.6
89 63.9 51.7 77.5



#52
Acenaphthene
Concen: 47.201 ng
RT: 14.598 min Scan# 1957
Delta R.T. -0.017 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

Tgt Ion:154 Resp: 384795
Ion Ratio Lower Upper
154 100
153 112.5 90.5 135.7
152 53.7 42.1 63.1

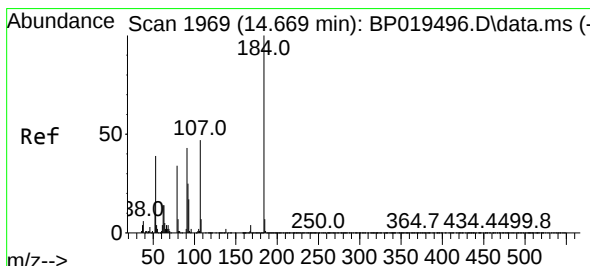
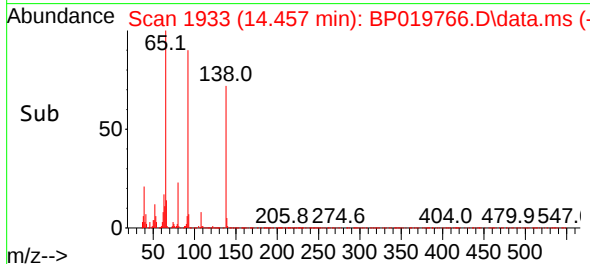
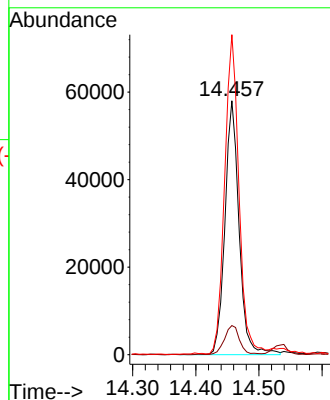
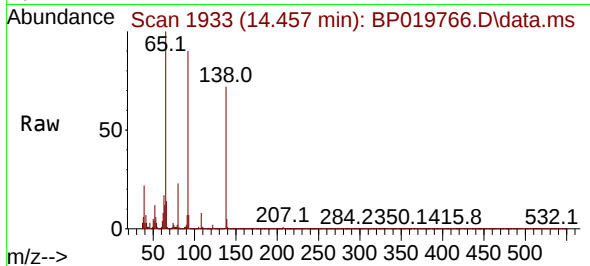




#53
3-Nitroaniline
Concen: 40.789 ng
RT: 14.457 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

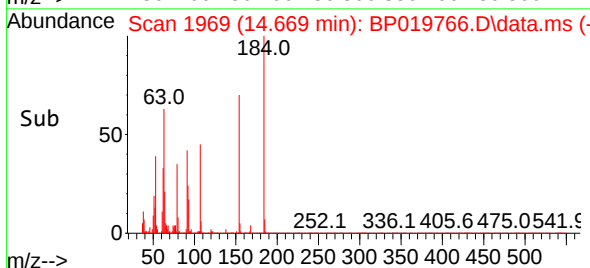
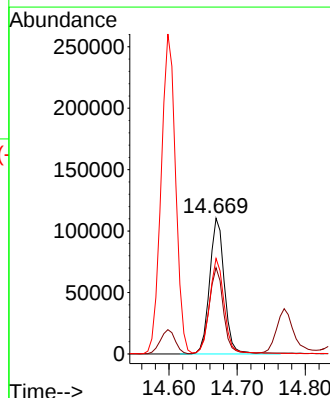
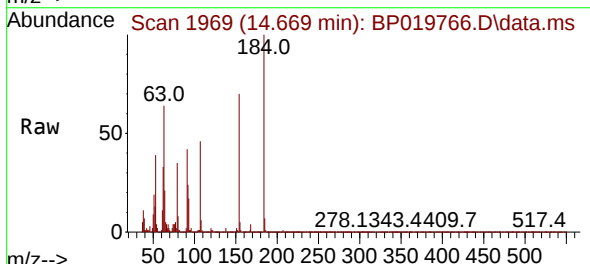
Instrument :
BNA_P
ClientSampleId :
TP-2MSD

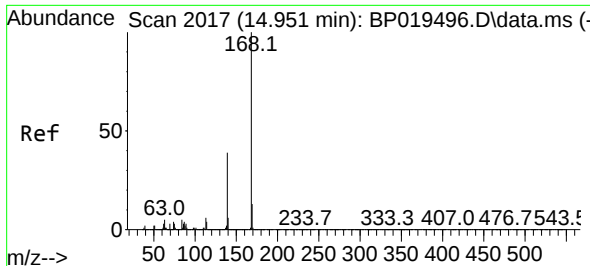
Tgt Ion:138 Resp: 90092
Ion Ratio Lower Upper
138 100
108 11.5 9.7 14.5
92 126.0 98.0 147.0



#54
2,4-Dinitrophenol
Concen: 133.645 ng
RT: 14.669 min Scan# 1969
Delta R.T. -0.000 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

Tgt Ion:184 Resp: 166773
Ion Ratio Lower Upper
184 100
63 63.5 50.5 75.7
154 70.4 53.4 80.0

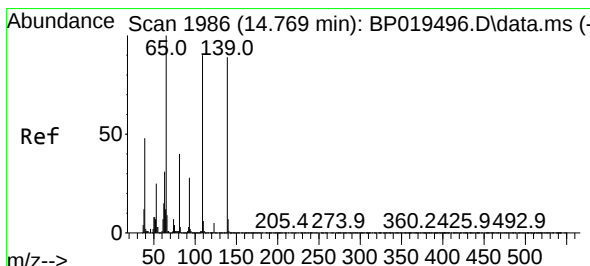
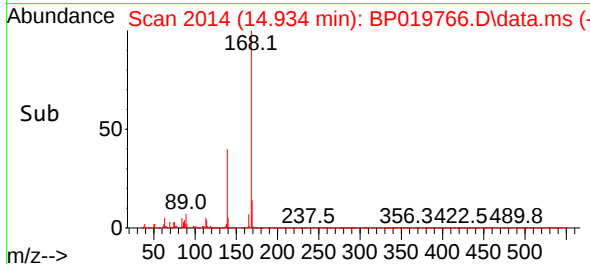
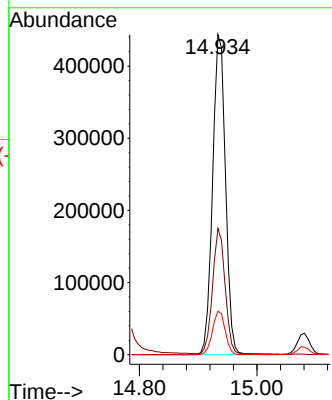
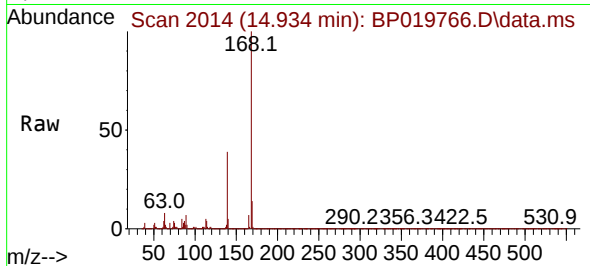




#55
Dibenzofuran
Concen: 50.872 ng
RT: 14.934 min Scan# 2014
Delta R.T. -0.017 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

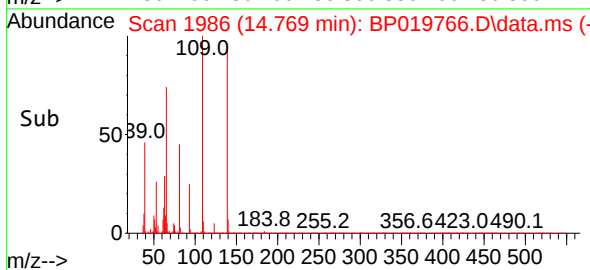
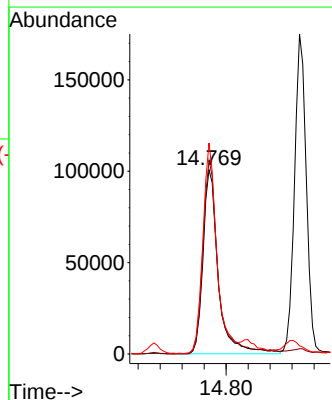
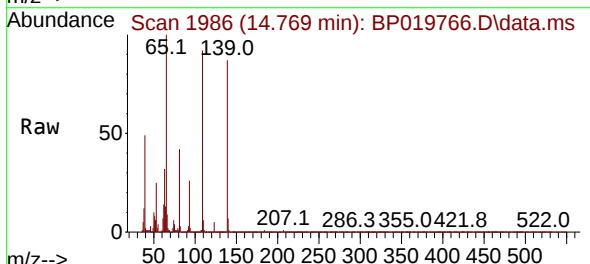
Instrument :
BNA_P
ClientSampleId :
TP-2MSD

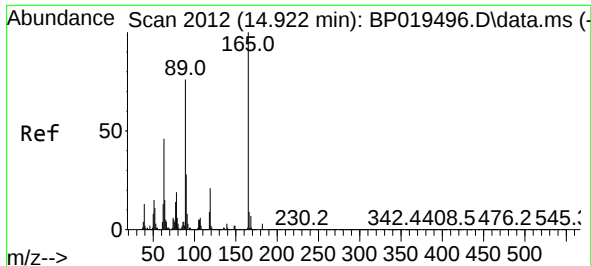
Tgt Ion:168 Resp: 675448
Ion Ratio Lower Upper
168 100
139 39.5 31.5 47.3
169 13.6 10.3 15.5



#56
4-Nitrophenol
Concen: 107.385 ng
RT: 14.769 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

Tgt Ion:139 Resp: 194406
Ion Ratio Lower Upper
139 100
109 105.2 82.0 122.0
65 114.5 92.9 132.9

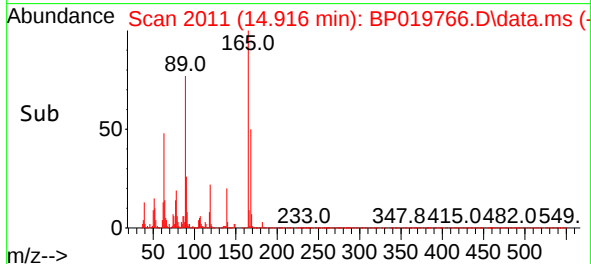
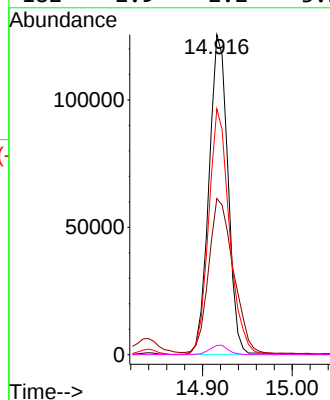
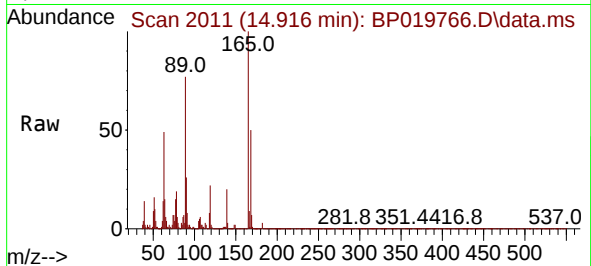




#57
2,4-Dinitrotoluene
Concen: 58.328 ng
RT: 14.916 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

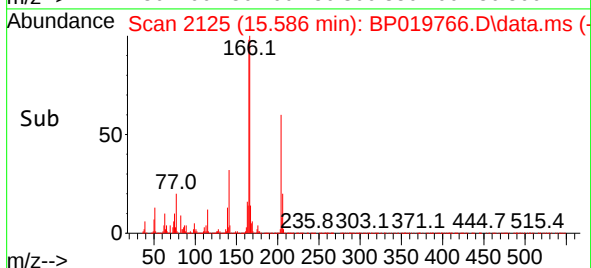
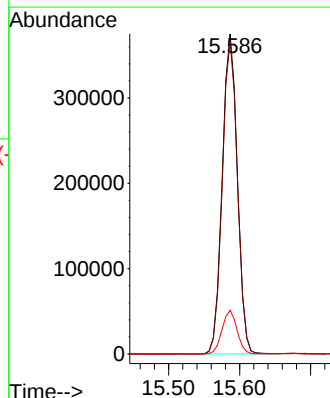
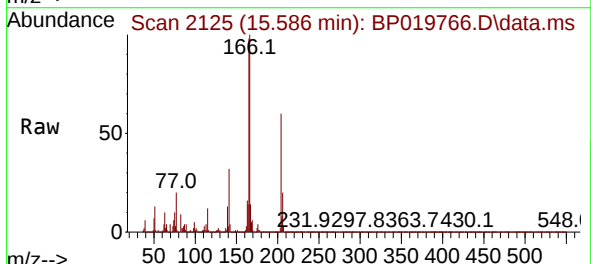
Instrument :
BNA_P
ClientSampleId :
TP-2MSD

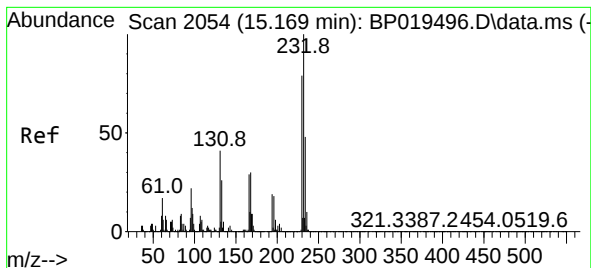
Tgt Ion:165 Resp: 183705
Ion Ratio Lower Upper
165 100
63 48.8 36.9 55.3
89 76.8 61.1 91.7
182 2.9 2.2 3.2



#58
Fluorene
Concen: 52.250 ng
RT: 15.586 min Scan# 2125
Delta R.T. -0.012 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

Tgt Ion:166 Resp: 552559
Ion Ratio Lower Upper
166 100
165 97.8 77.8 116.8
167 13.6 10.7 16.1



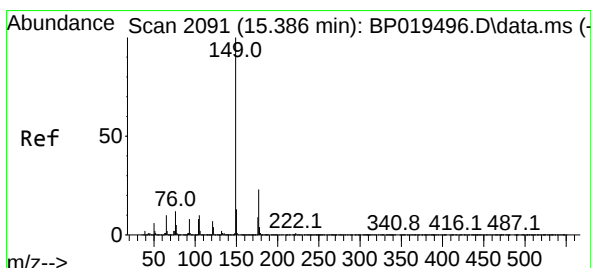
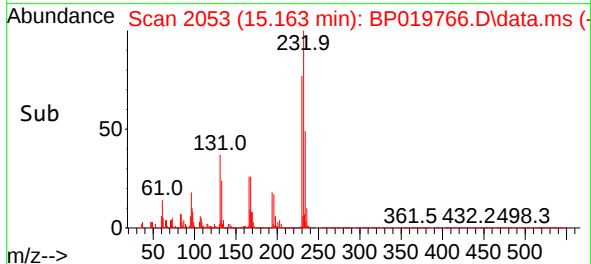
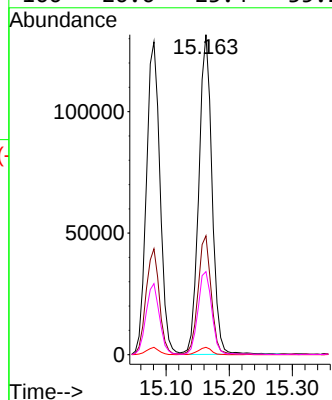
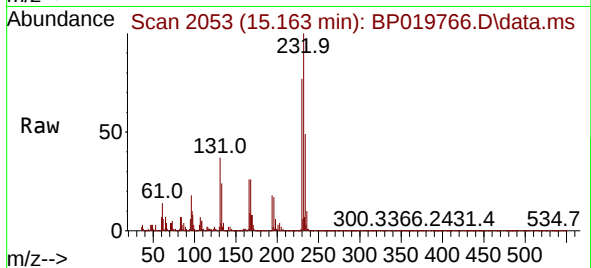


#59
2,3,4,6-Tetrachlorophenol
Concen: 61.803 ng
RT: 15.163 min Scan# 2054
Delta R.T. -0.006 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

Instrument :
BNA_P
ClientSampleId :
TP-2MSD

Tgt Ion:232 Resp: 190489

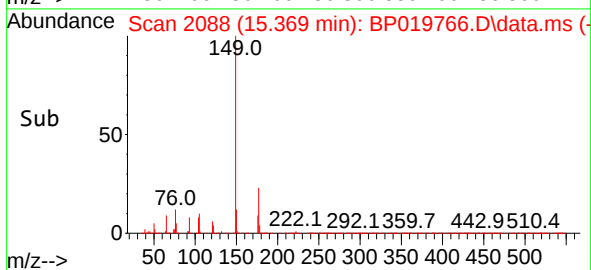
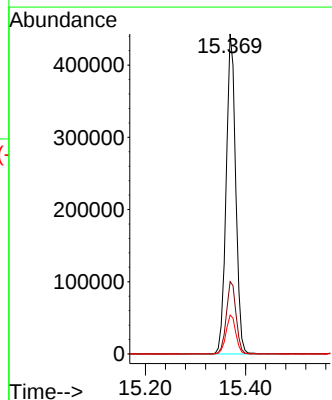
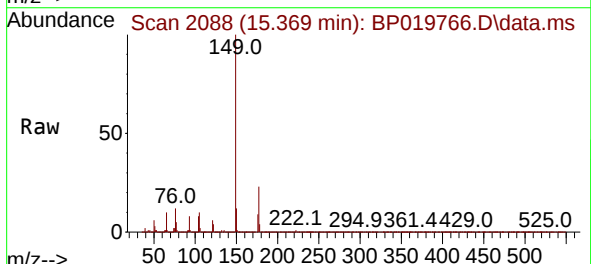
Ion	Ratio	Lower	Upper
232	100		
131	36.2	32.4	48.6
130	2.3	1.9	2.9
166	26.6	23.4	35.2



#60
Diethylphthalate
Concen: 53.684 ng
RT: 15.369 min Scan# 2088
Delta R.T. -0.017 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

Tgt Ion:149 Resp: 584120

Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.2	27.2
150	12.2	10.2	15.4

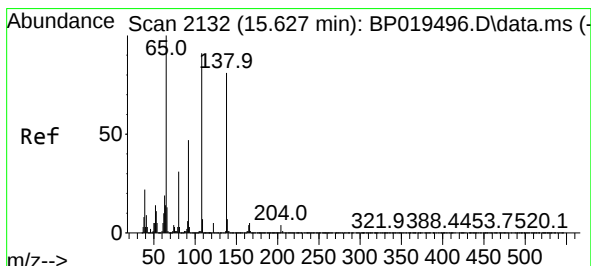
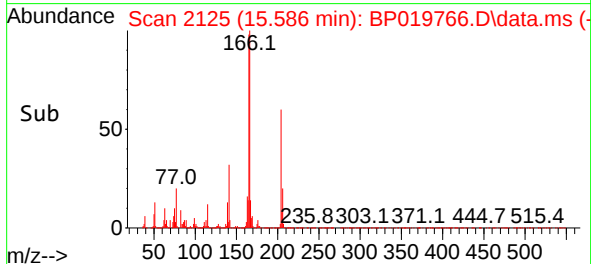
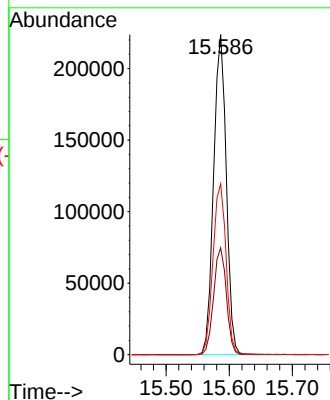
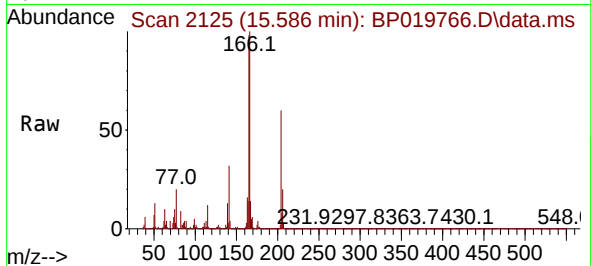




#61
4-Chlorophenyl-phenylether
Concen: 52.448 ng
RT: 15.586 min Scan# 2125
Delta R.T. -0.012 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

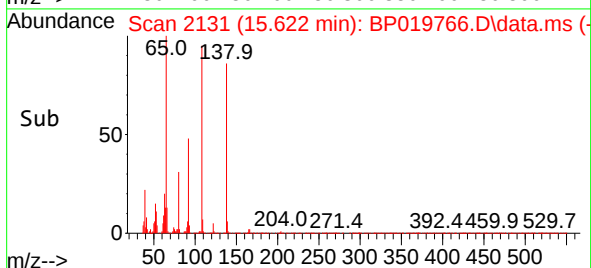
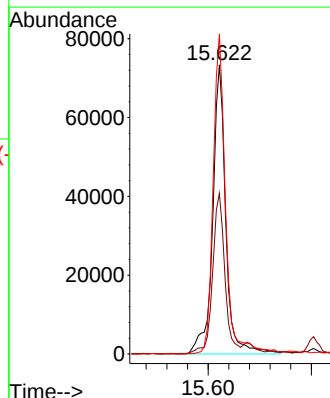
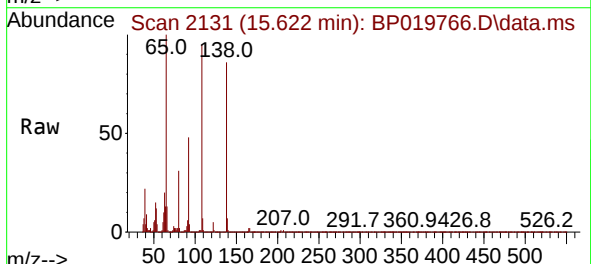
Instrument :
BNA_P
ClientSampleId :
TP-2MSD

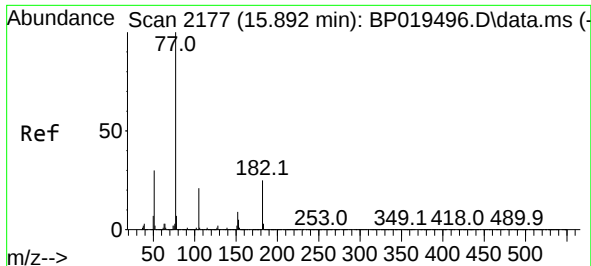
Tgt Ion:204 Resp: 311742
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 53.4 48.5 72.7



#62
4-Nitroaniline
Concen: 55.847 ng
RT: 15.622 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

Tgt Ion:138 Resp: 129296
Ion Ratio Lower Upper
138 100
92 55.6 38.3 78.3
108 110.7 91.2 131.2

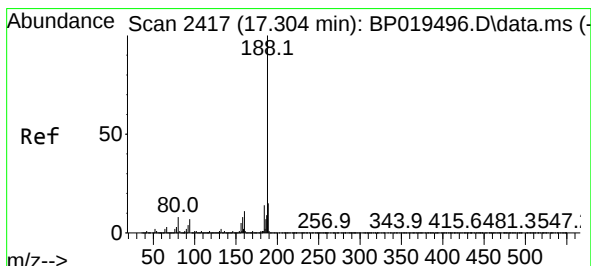
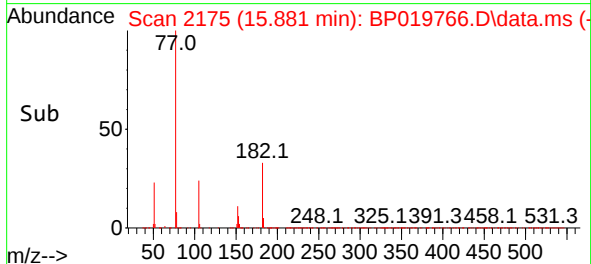
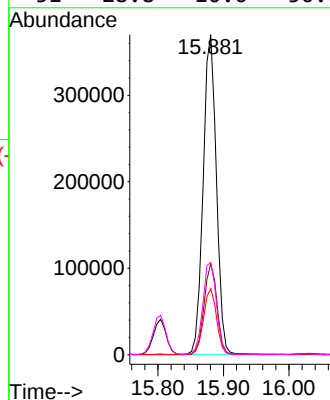
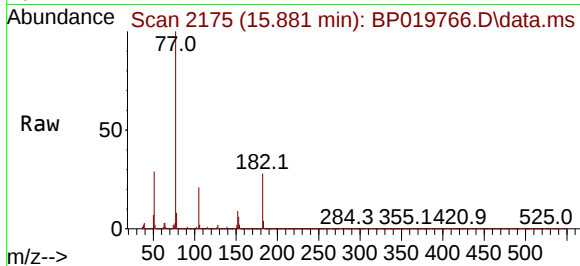




#63
 Azobenzene
 Concen: 49.233 ng
 RT: 15.881 min Scan# 2175
 Delta R.T. -0.012 min
 Lab File: BP019766.D
 Acq: 19 Feb 2024 16:54

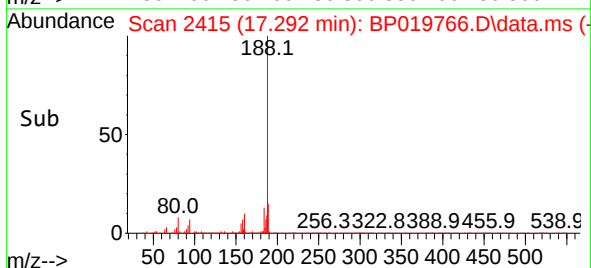
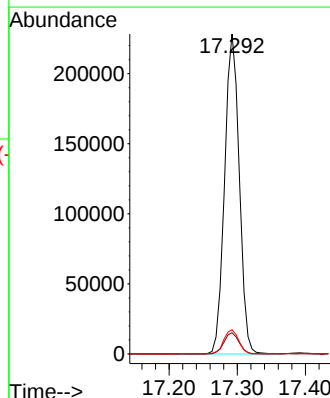
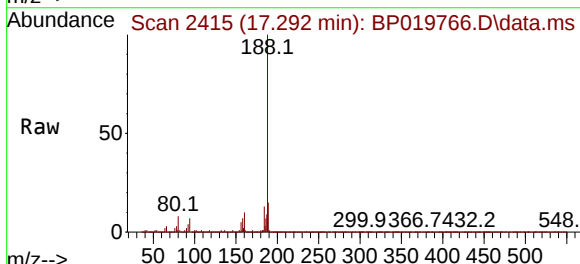
Instrument :
 BNA_P
 ClientSampleId :
 TP-2MSD

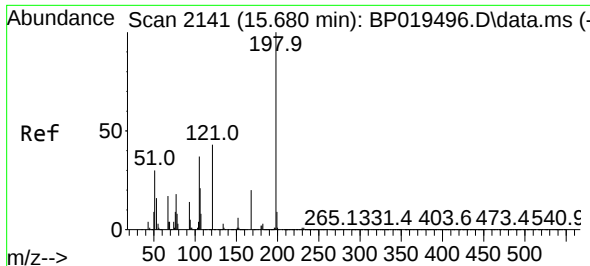
Tgt Ion: 77	Resp: 518021
Ion Ratio	Lower Upper
77 100	
182 28.4	5.1 45.1
105 20.6	0.8 40.8
51 28.8	10.0 50.0



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.292 min Scan# 2415
 Delta R.T. -0.012 min
 Lab File: BP019766.D
 Acq: 19 Feb 2024 16:54

Tgt Ion:188	Resp: 341629
Ion Ratio	Lower Upper
188 100	
94 6.6	5.4 8.2
80 7.6	6.3 9.5

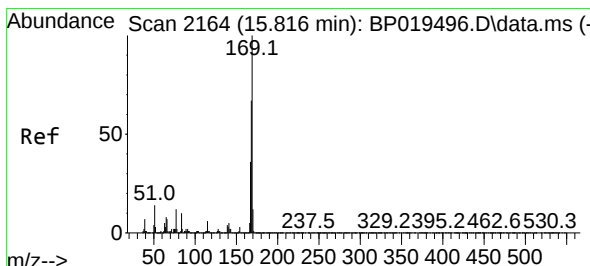
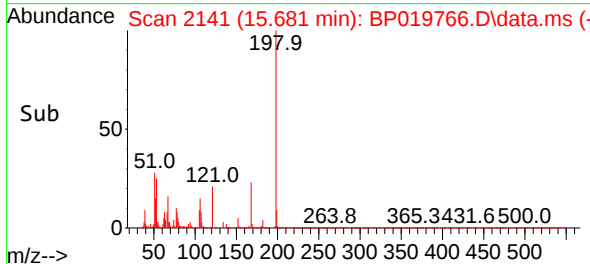
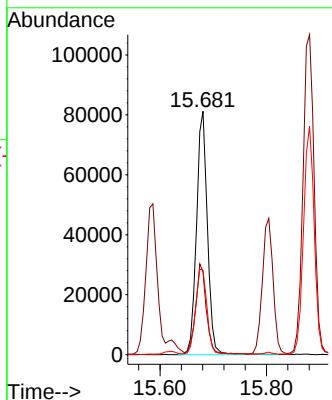
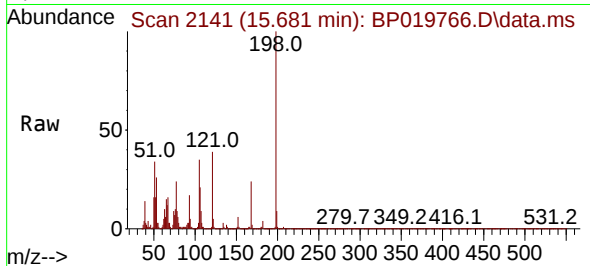




#65
4,6-Dinitro-2-methylphenol
Concen: 59.315 ng
RT: 15.681 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

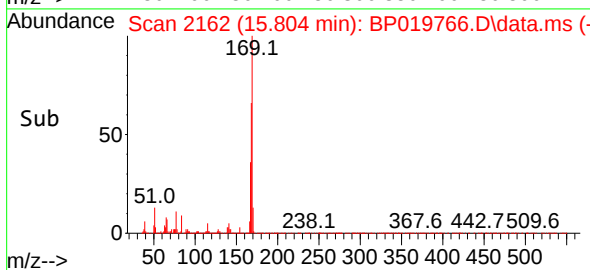
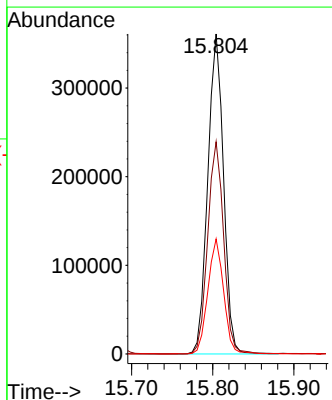
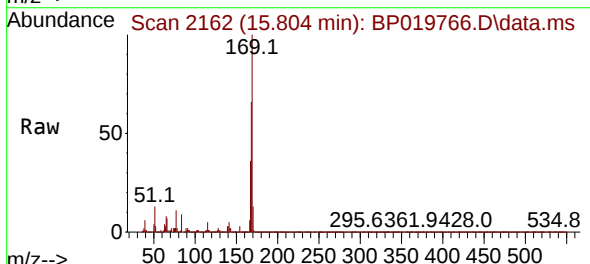
Instrument :
BNA_P
ClientSampleId :
TP-2MSD

Tgt Ion:198 Resp: 115545
Ion Ratio Lower Upper
198 100
51 34.0 21.2 61.2
105 34.7 19.1 59.1



#66
n-Nitrosodiphenylamine
Concen: 47.398 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.012 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

Tgt Ion:169 Resp: 484945
Ion Ratio Lower Upper
169 100
168 66.3 53.4 80.2
167 36.0 28.9 43.3

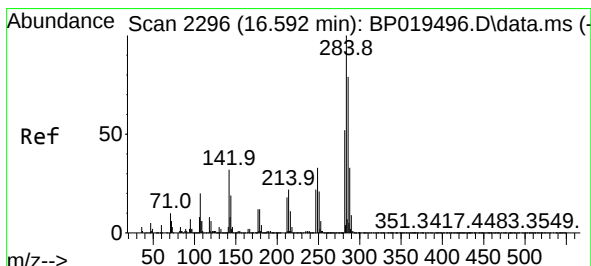
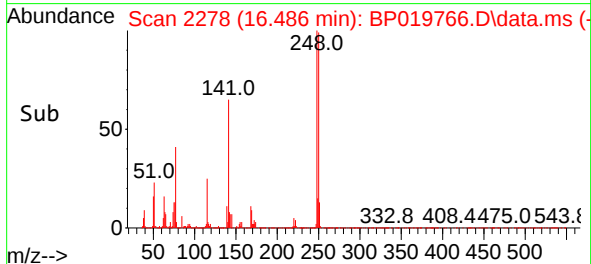
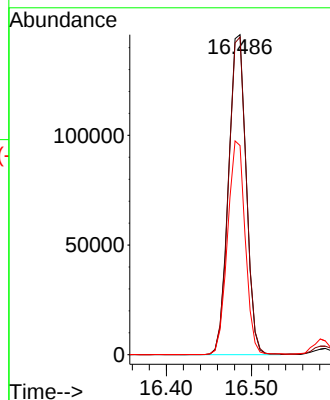
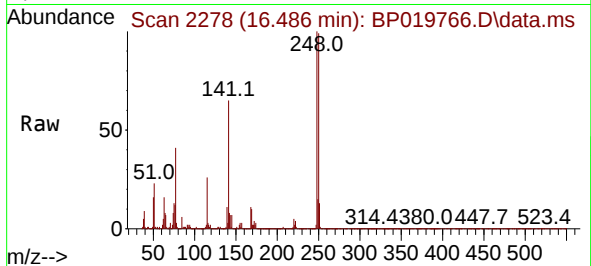




#67
4-Bromophenyl-phenylether
Concen: 49.161 ng
RT: 16.486 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

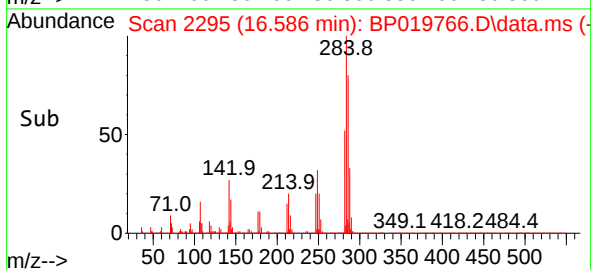
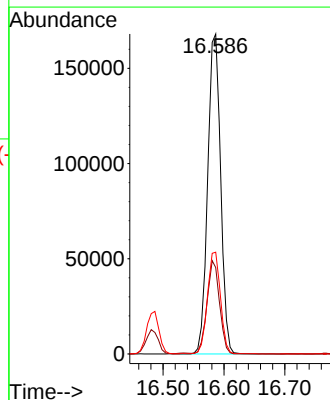
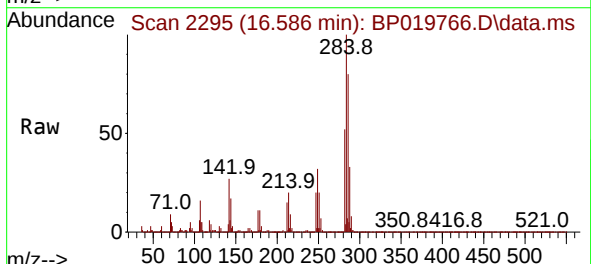
Instrument :
BNA_P
ClientSampleId :
TP-2MSD

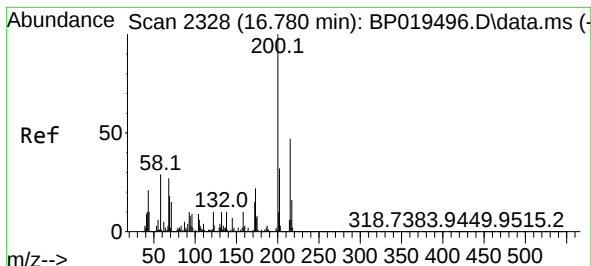
Tgt Ion:248 Resp: 209955
Ion Ratio Lower Upper
248 100
250 99.3 76.9 115.3
141 65.3 58.0 87.0



#68
Hexachlorobenzene
Concen: 49.600 ng
RT: 16.586 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

Tgt Ion:284 Resp: 247369
Ion Ratio Lower Upper
284 100
142 27.0 25.4 38.2
249 31.8 26.5 39.7





#69

Atrazine

Concen: 58.839 ng

RT: 16.769 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP019766.D

Acq: 19 Feb 2024 16:54

Instrument :

BNA_P

ClientSampleId :

TP-2MSD

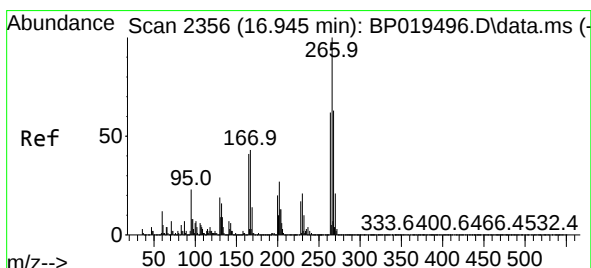
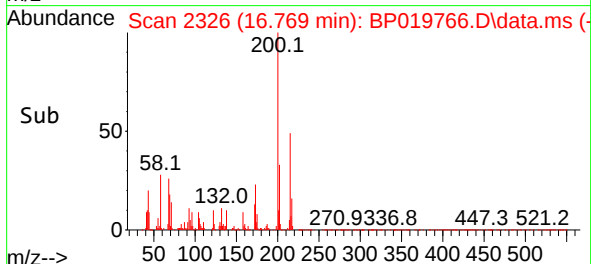
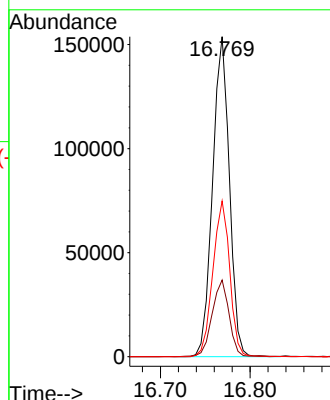
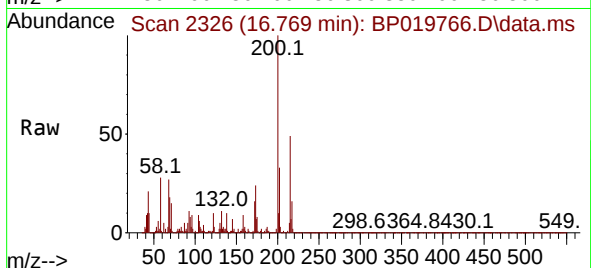
Tgt Ion:200 Resp: 199767

Ion Ratio Lower Upper

200 100

173 24.0 1.7 41.7

215 48.7 26.9 66.9



#70

Pentachlorophenol

Concen: 115.170 ng

RT: 16.939 min Scan# 2355

Delta R.T. -0.006 min

Lab File: BP019766.D

Acq: 19 Feb 2024 16:54

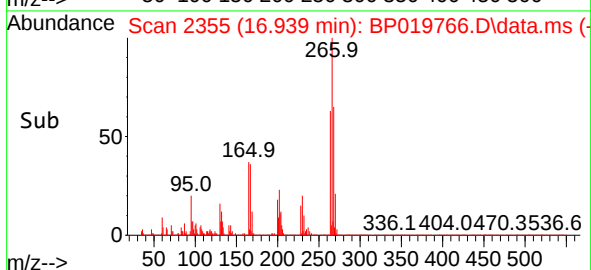
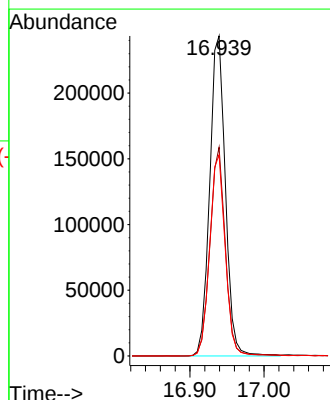
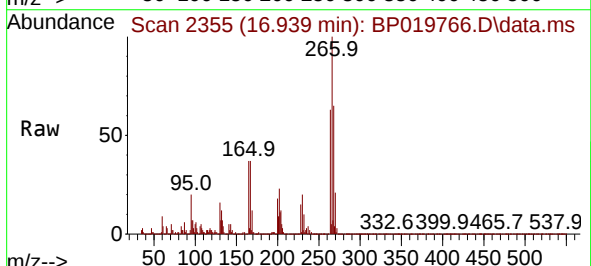
Tgt Ion:266 Resp: 357697

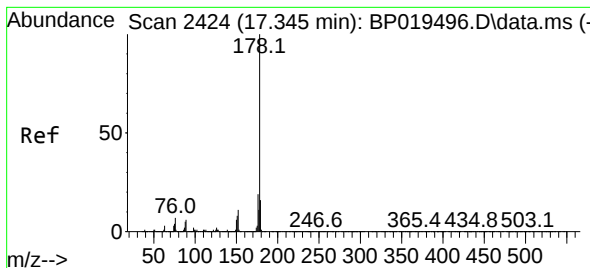
Ion Ratio Lower Upper

266 100

268 65.2 50.3 75.5

264 62.9 49.7 74.5





#71

Phenanthrene

Concen: 51.505 ng

RT: 17.333 min Scan# 2422

Delta R.T. -0.012 min

Lab File: BP019766.D

Acq: 19 Feb 2024 16:54

Instrument :

BNA_P

ClientSampleId :

TP-2MSD

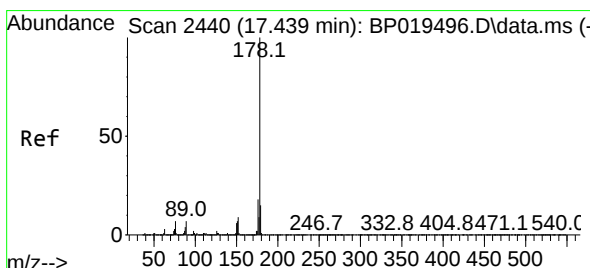
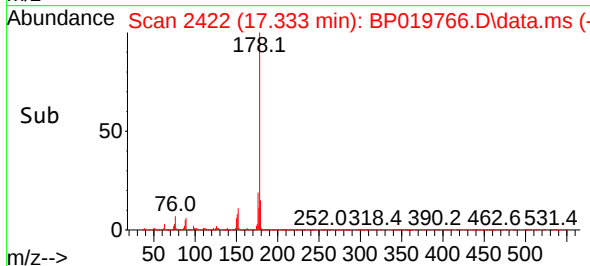
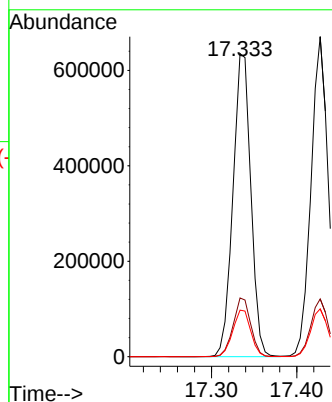
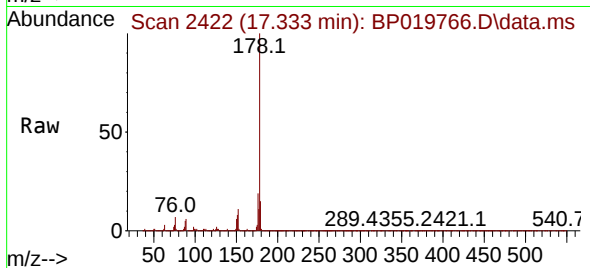
Tgt Ion:178 Resp: 925998

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 15.4 12.6 19.0



#72

Anthracene

Concen: 52.335 ng

RT: 17.428 min Scan# 2438

Delta R.T. -0.012 min

Lab File: BP019766.D

Acq: 19 Feb 2024 16:54

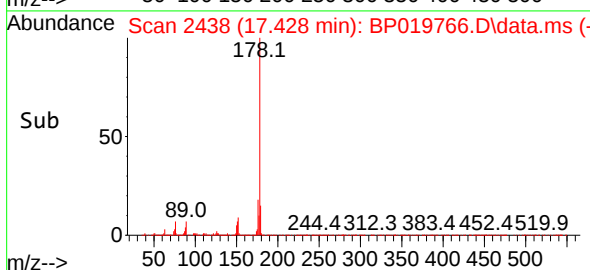
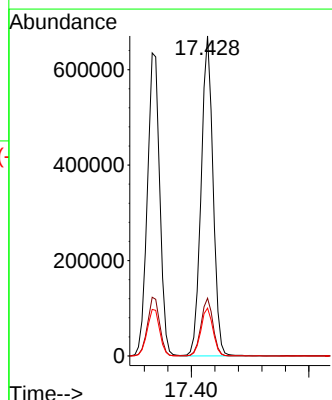
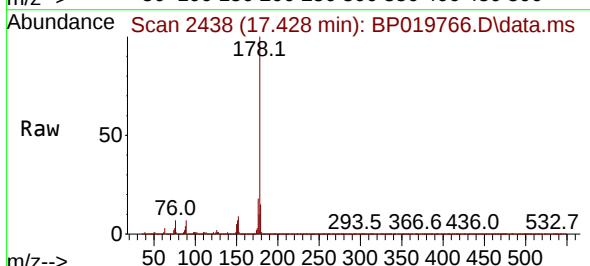
Tgt Ion:178 Resp: 938629

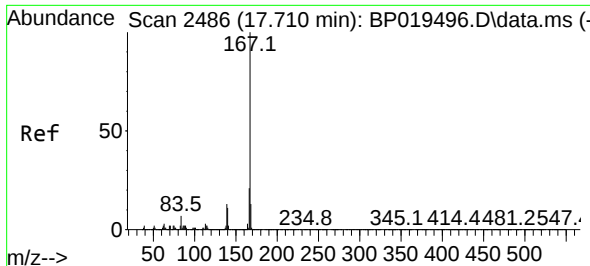
Ion Ratio Lower Upper

178 100

176 18.1 14.7 22.1

179 14.9 12.2 18.2

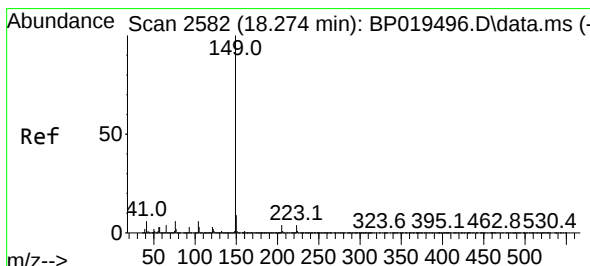
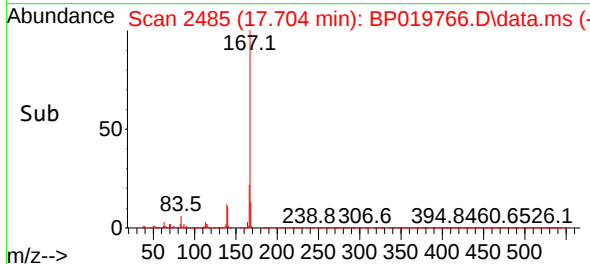
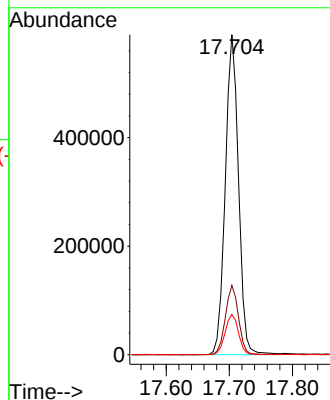
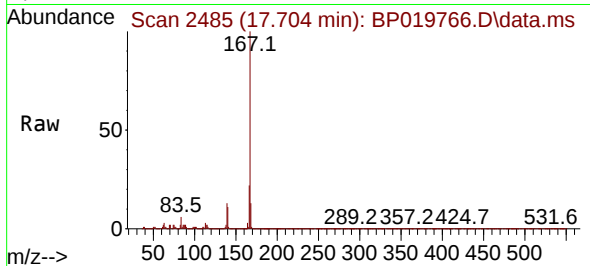




#73
Carbazole
Concen: 52.560 ng
RT: 17.704 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

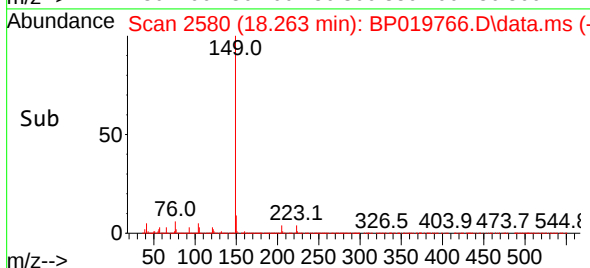
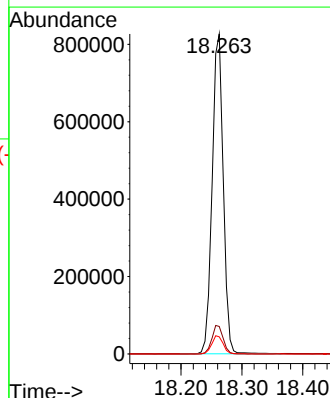
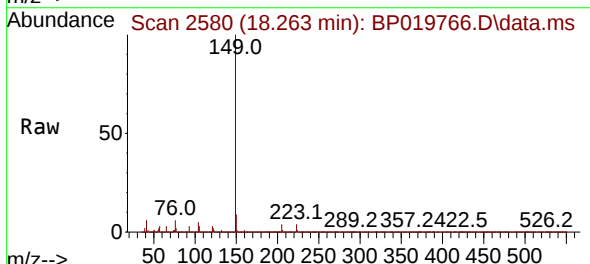
Instrument :
BNA_P
ClientSampleId :
TP-2MSD

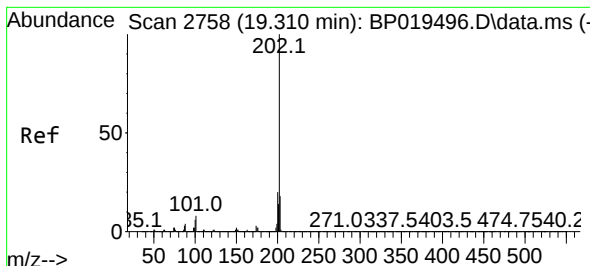
Tgt Ion:167 Resp: 856352
Ion Ratio Lower Upper
167 100
166 21.7 17.2 25.8
139 12.6 10.6 15.8



#74
Di-n-butylphthalate
Concen: 53.042 ng
RT: 18.263 min Scan# 2580
Delta R.T. -0.012 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

Tgt Ion:149 Resp: 1044931
Ion Ratio Lower Upper
149 100
150 8.6 7.3 10.9
104 5.4 4.8 7.2





#75

Fluoranthene

Concen: 55.639 ng

RT: 19.304 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019766.D

Acq: 19 Feb 2024 16:54

Instrument :

BNA_P

ClientSampleId :

TP-2MSD

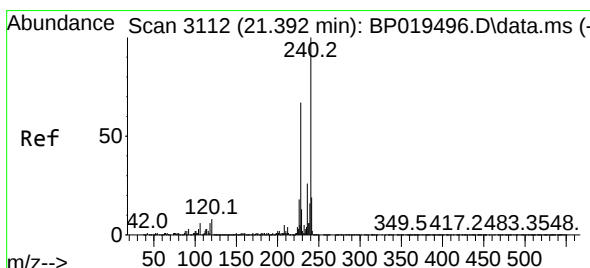
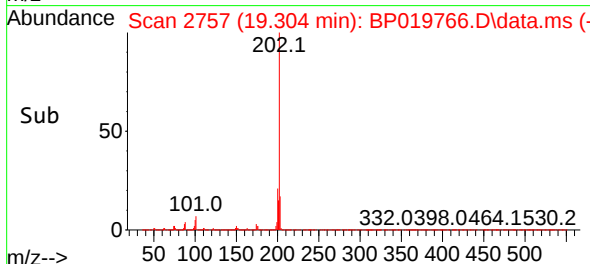
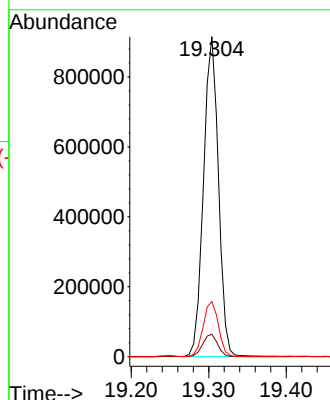
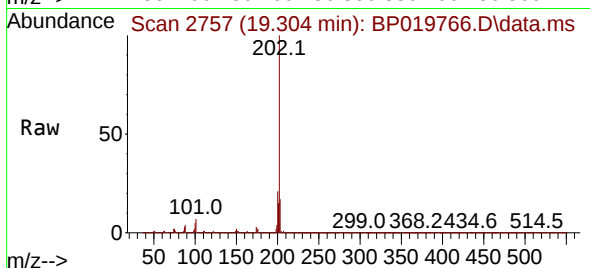
Tgt Ion:202 Resp: 1221994

Ion Ratio Lower Upper

202 100

101 7.0 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: BP019766.D

Acq: 19 Feb 2024 16:54

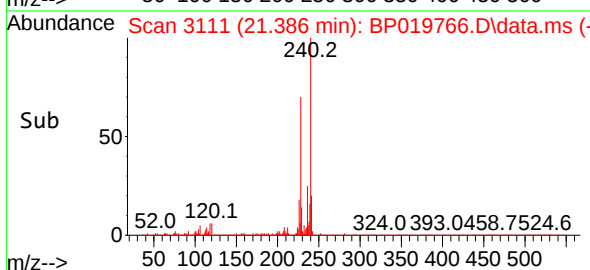
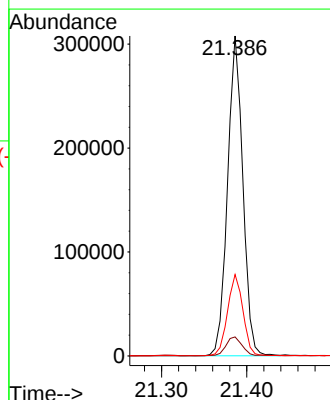
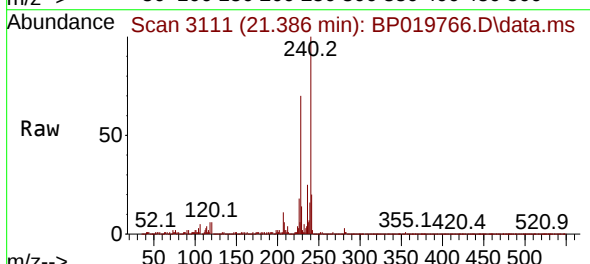
Tgt Ion:240 Resp: 383533

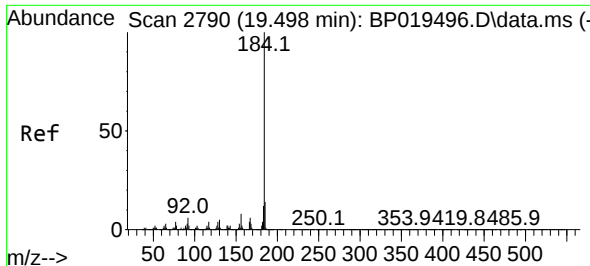
Ion Ratio Lower Upper

240 100

120 6.0 6.1 9.1#

236 25.4 20.7 31.1

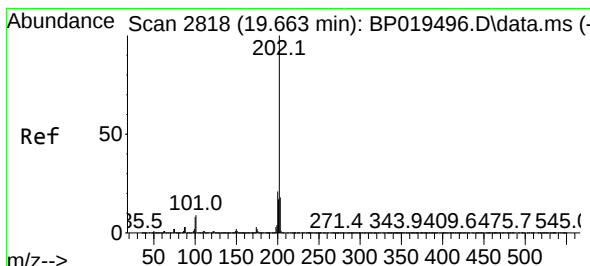
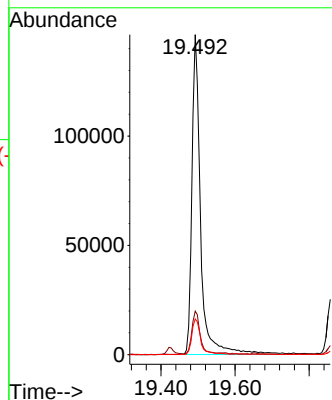
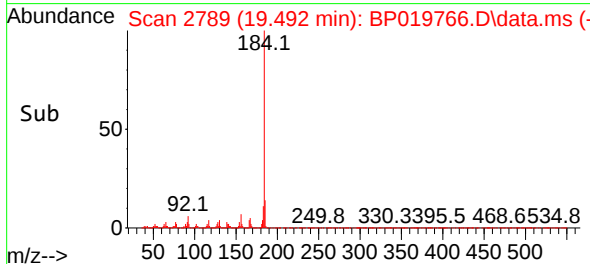
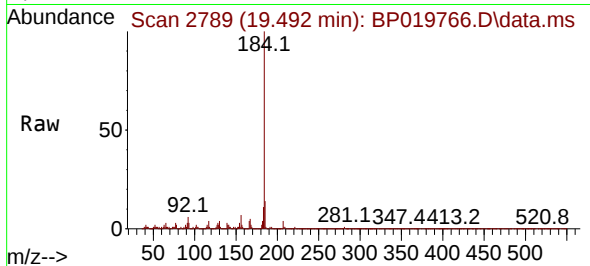




#77
Benzidine
Concen: 29.754 ng
RT: 19.492 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

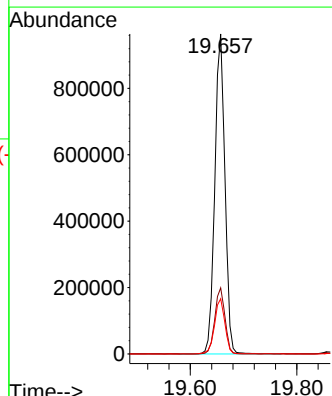
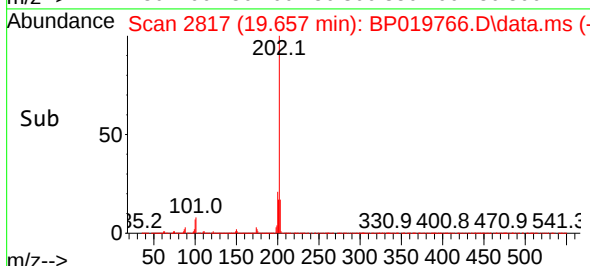
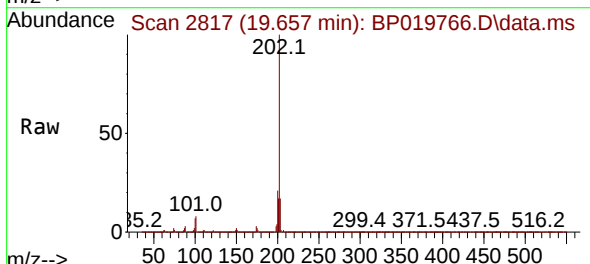
Instrument :
BNA_P
ClientSampleId :
TP-2MSD

Tgt Ion:184 Resp: 238577
Ion Ratio Lower Upper
184 100
185 13.6 11.1 16.7
183 11.1 9.7 14.5



#78
Pyrene
Concen: 47.120 ng
RT: 19.657 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

Tgt Ion:202 Resp: 1275446
Ion Ratio Lower Upper
202 100
200 20.7 16.9 25.3
203 17.2 14.2 21.2





#79

Terphenyl-d14

Concen: 92.671 ng

RT: 19.857 min Scan# 2851

Delta R.T. -0.012 min

Lab File: BP019766.D

Acq: 19 Feb 2024 16:54

Instrument :

BNA_P

ClientSampleId :

TP-2MSD

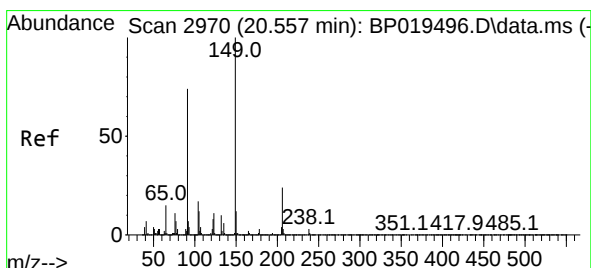
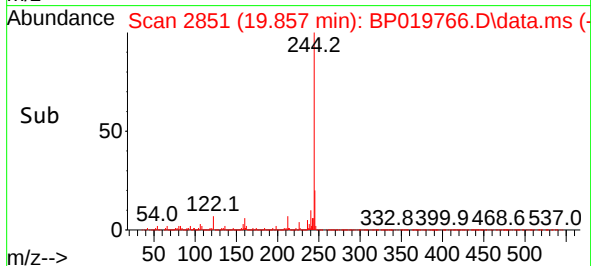
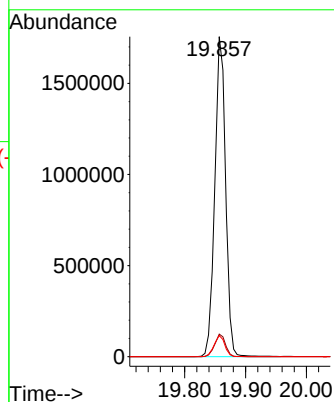
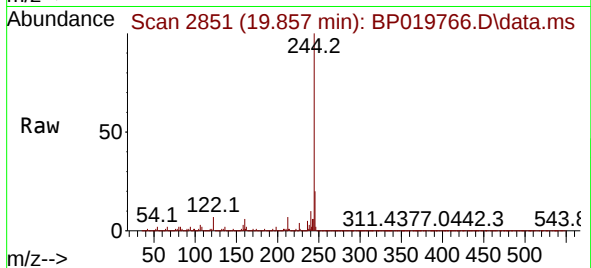
Tgt Ion:244 Resp: 2161232

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 6.6 5.9 8.9



#80

Butylbenzylphthalate

Concen: 50.157 ng

RT: 20.545 min Scan# 2968

Delta R.T. -0.012 min

Lab File: BP019766.D

Acq: 19 Feb 2024 16:54

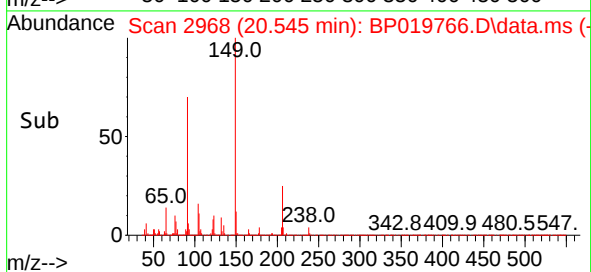
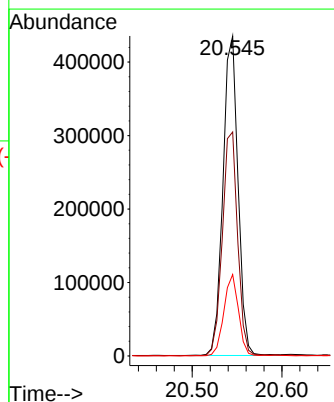
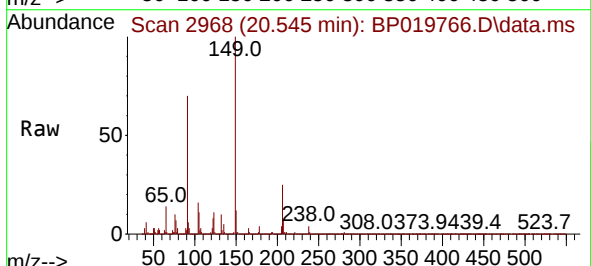
Tgt Ion:149 Resp: 507005

Ion Ratio Lower Upper

149 100

91 70.0 59.4 89.0

206 25.4 19.0 28.6





#81

Benzo(a)anthracene

Concen: 53.294 ng

RT: 21.369 min Scan# 3110

Delta R.T. -0.012 min

Lab File: BP019766.D

Acq: 19 Feb 2024 16:54

Instrument :

BNA_P

ClientSampleId :

TP-2MSD

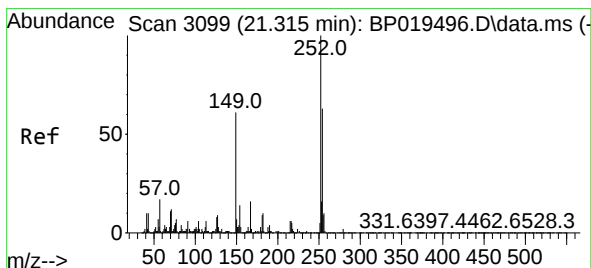
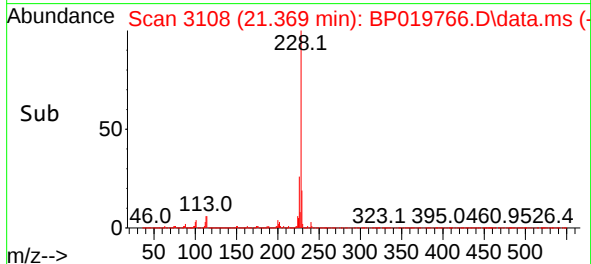
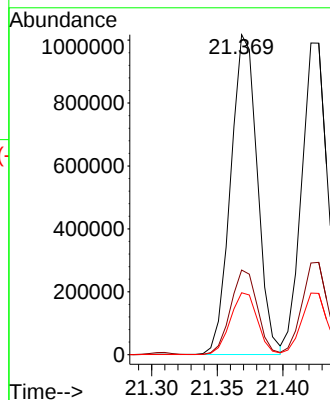
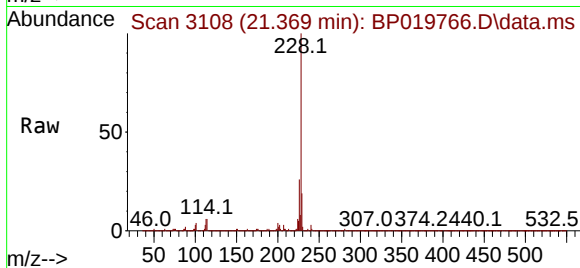
Tgt Ion:228 Resp: 1438835

Ion Ratio Lower Upper

228 100

226 26.5 21.7 32.5

229 19.4 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 46.753 ng

RT: 21.310 min Scan# 3098

Delta R.T. -0.006 min

Lab File: BP019766.D

Acq: 19 Feb 2024 16:54

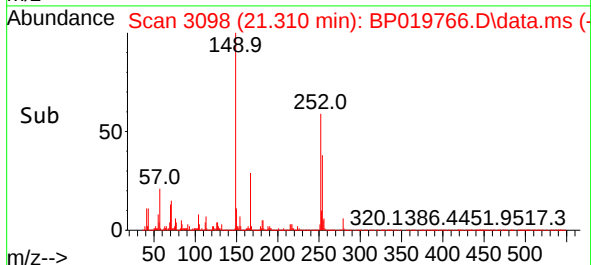
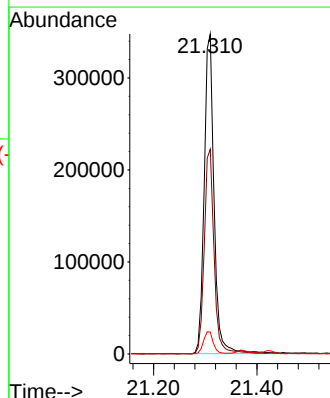
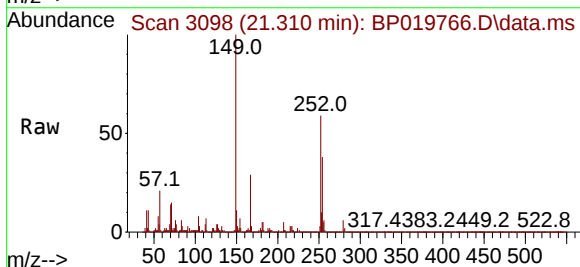
Tgt Ion:252 Resp: 459955

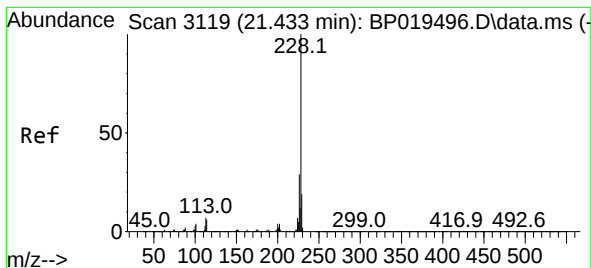
Ion Ratio Lower Upper

252 100

254 64.0 50.7 76.1

126 6.9 6.4 9.6





#83

Chrysene

Concen: 52.932 ng

RT: 21.421 min Scan# 3119

Delta R.T. -0.012 min

Lab File: BP019766.D

Acq: 19 Feb 2024 16:54

Instrument :

BNA_P

ClientSampleId :

TP-2MSD

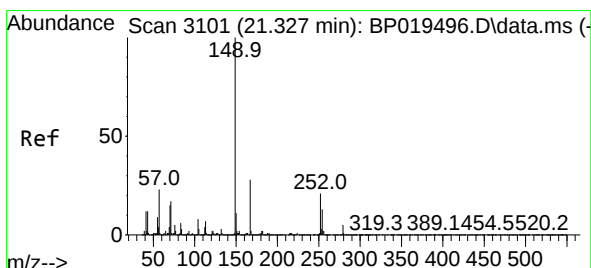
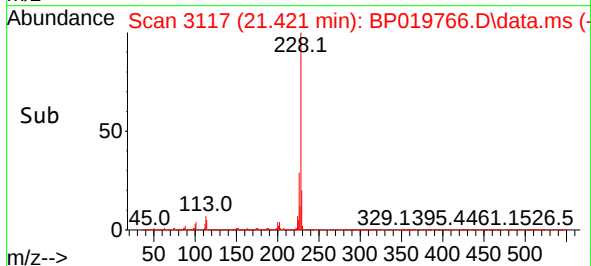
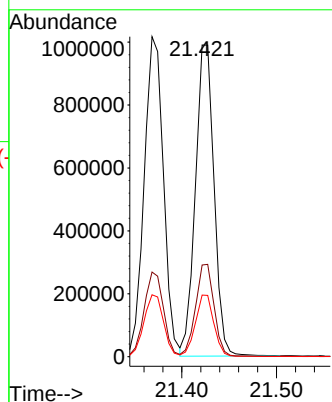
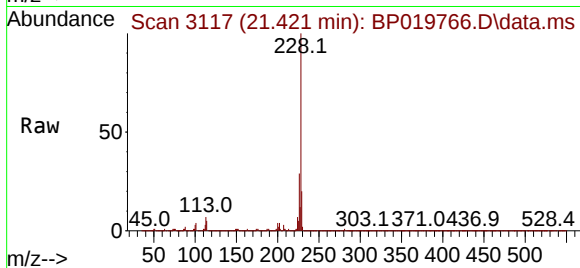
Tgt Ion:228 Resp: 1356746

Ion Ratio Lower Upper

228 100

226 29.4 23.4 35.2

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.416 ng

RT: 21.304 min Scan# 3097

Delta R.T. -0.023 min

Lab File: BP019766.D

Acq: 19 Feb 2024 16:54

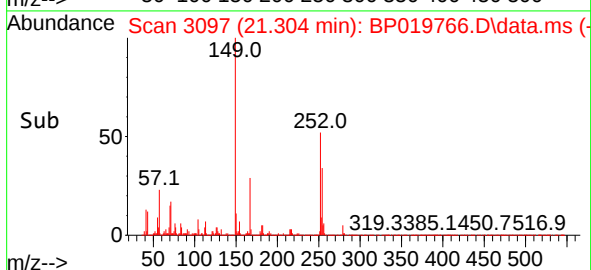
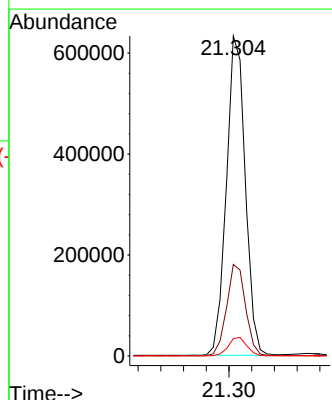
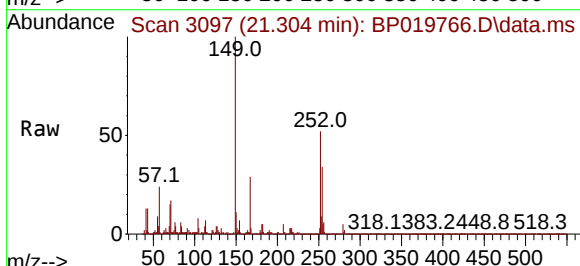
Tgt Ion:149 Resp: 729866

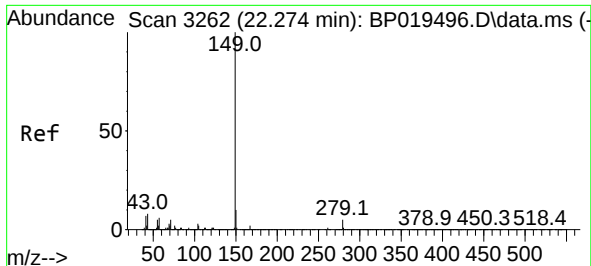
Ion Ratio Lower Upper

149 100

167 28.6 22.7 34.1

279 5.4 4.2 6.2

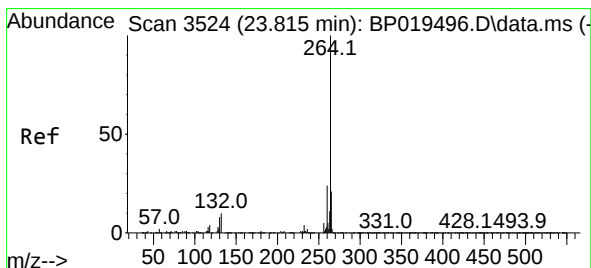
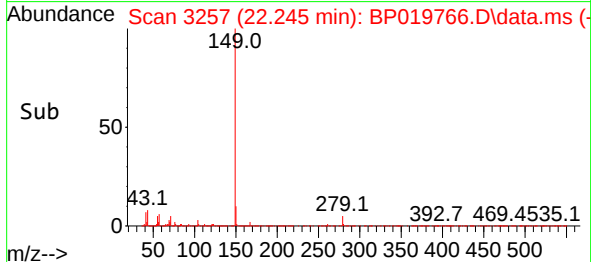
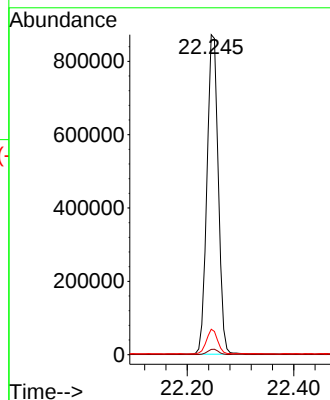
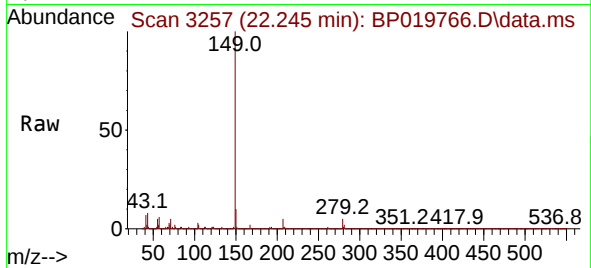




#85
Di-n-octyl phthalate
Concen: 47.446 ng
RT: 22.245 min Scan# 31
Delta R.T. -0.029 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

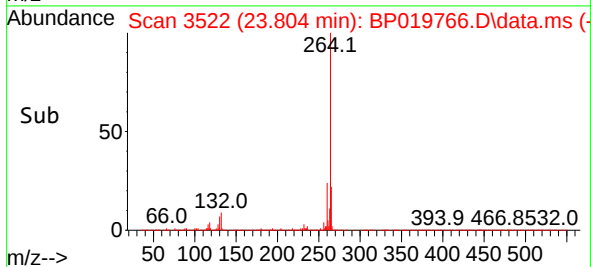
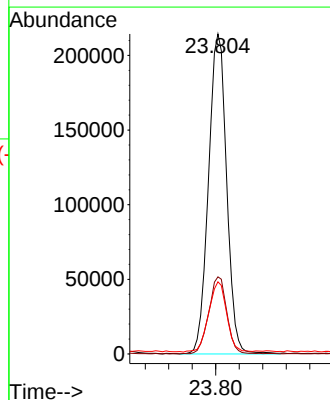
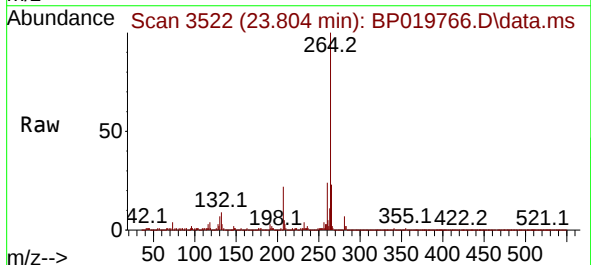
Instrument :
BNA_P
ClientSampleId :
TP-2MSD

Tgt Ion:149 Resp: 1284939
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.5 6.3 9.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.804 min Scan# 3522
Delta R.T. -0.012 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

Tgt Ion:264 Resp: 460165
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 22.6 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.913 ng

RT: 26.345 min Scan# 3954

Delta R.T. 0.000 min

Lab File: BP019766.D

Acq: 19 Feb 2024 16:54

Instrument :

BNA_P

ClientSampleId :

TP-2MSD

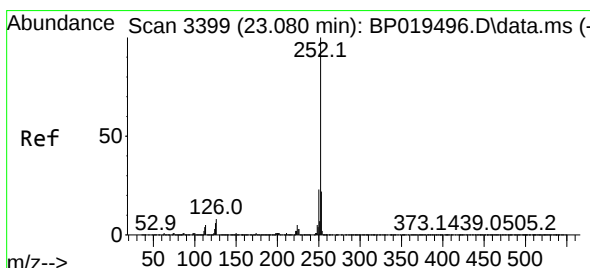
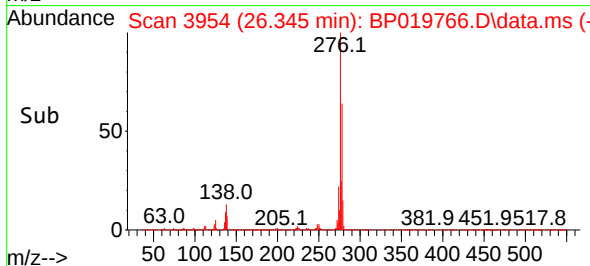
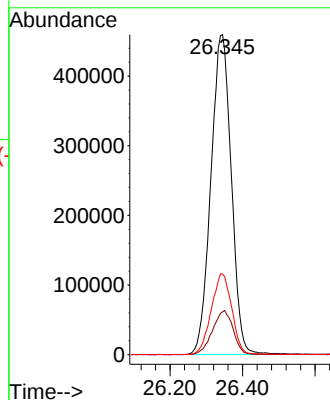
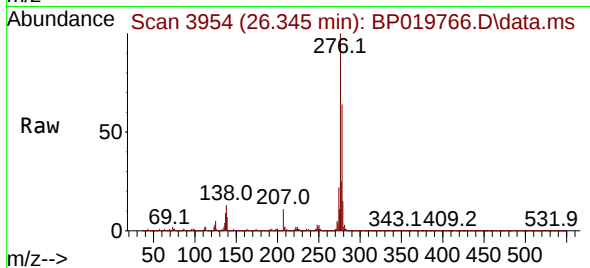
Tgt Ion:276 Resp: 1793370

Ion Ratio Lower Upper

276 100

138 13.9 13.1 19.7

277 25.4 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 53.155 ng

RT: 23.068 min Scan# 3397

Delta R.T. -0.012 min

Lab File: BP019766.D

Acq: 19 Feb 2024 16:54

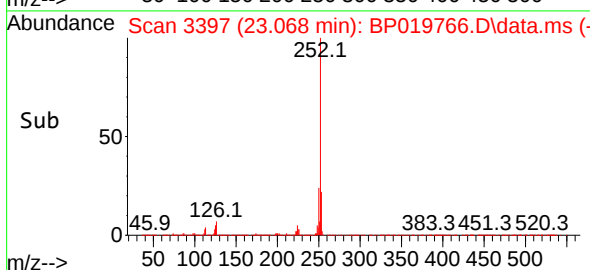
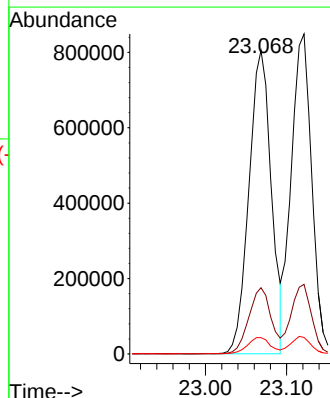
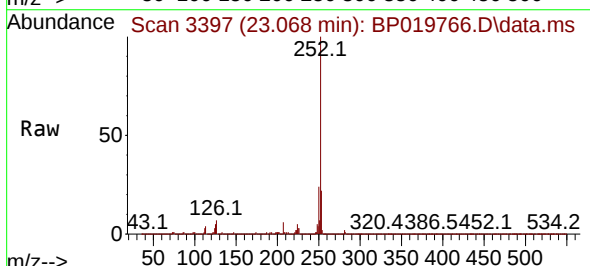
Tgt Ion:252 Resp: 1541606

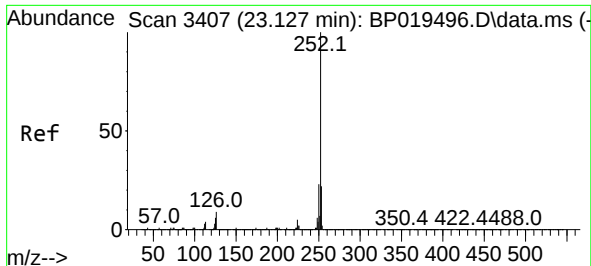
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 5.4 4.9 7.3

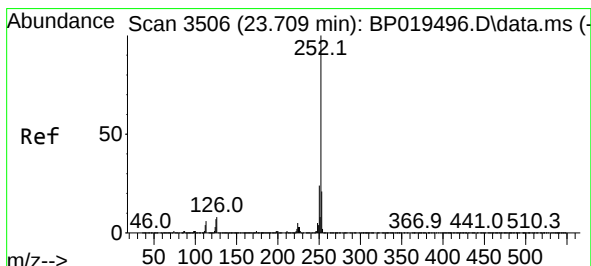
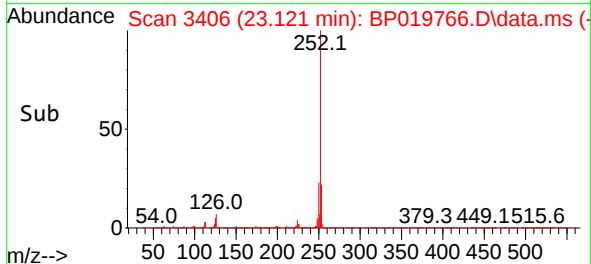
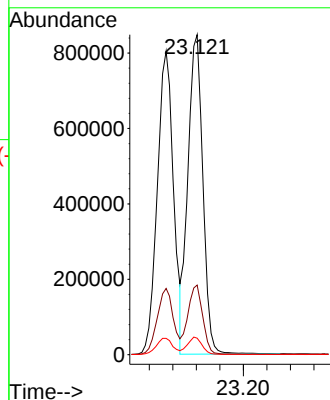
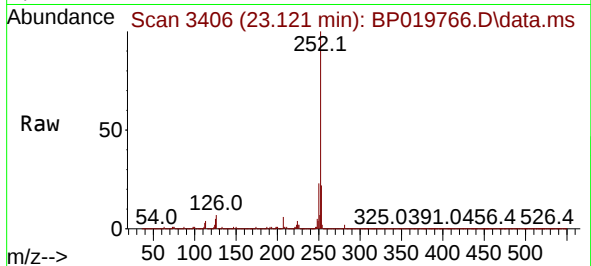




#89
Benzo(k)fluoranthene
Concen: 53.999 ng
RT: 23.121 min Scan# 34
Delta R.T. -0.006 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

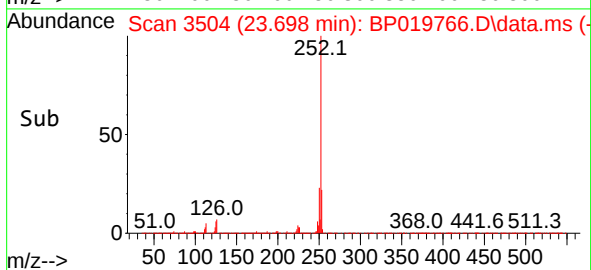
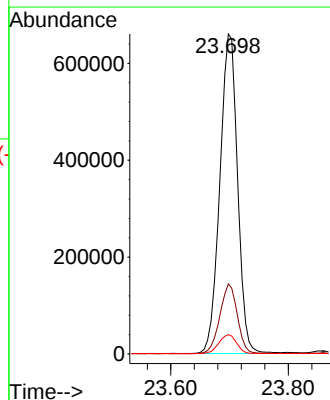
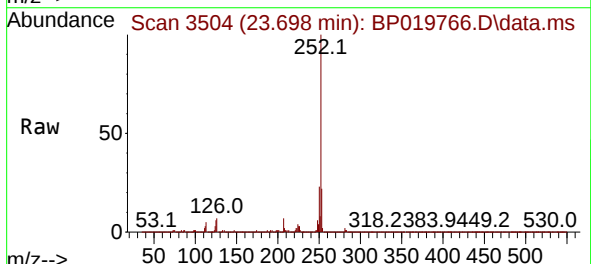
Instrument :
BNA_P
ClientSampleId :
TP-2MSD

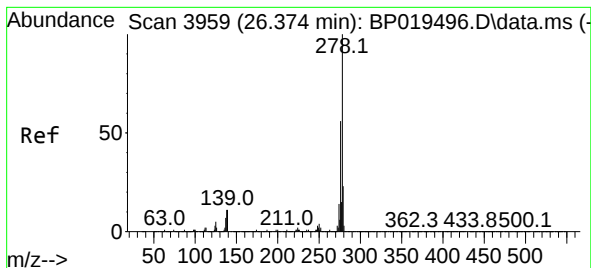
Tgt Ion:252 Resp: 1495983
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 5.1 5.0 7.6



#90
Benzo(a)pyrene
Concen: 53.525 ng
RT: 23.698 min Scan# 3504
Delta R.T. -0.012 min
Lab File: BP019766.D
Acq: 19 Feb 2024 16:54

Tgt Ion:252 Resp: 1381218
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 6.0 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 50.957 ng

RT: 26.368 min Scan# 3959

Delta R.T. -0.006 min

Lab File: BP019766.D

Acq: 19 Feb 2024 16:54

Instrument :

BNA_P

ClientSampleId :

TP-2MSD

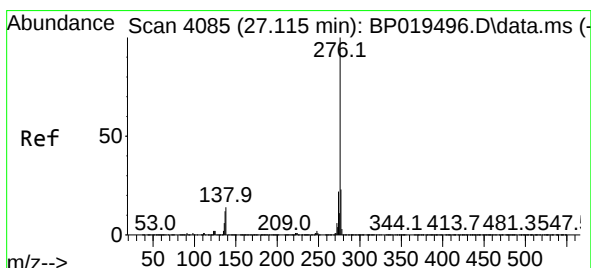
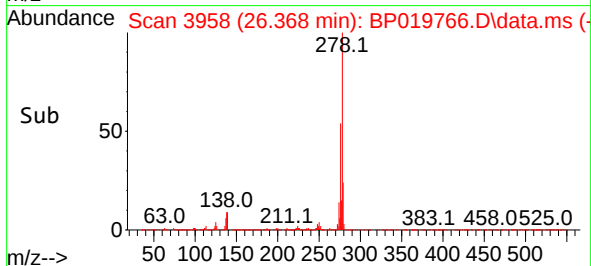
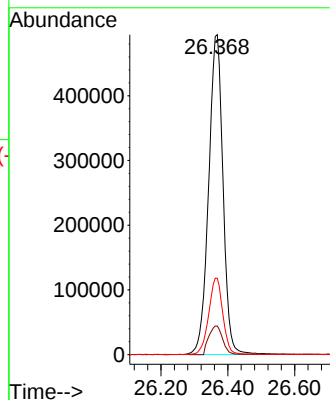
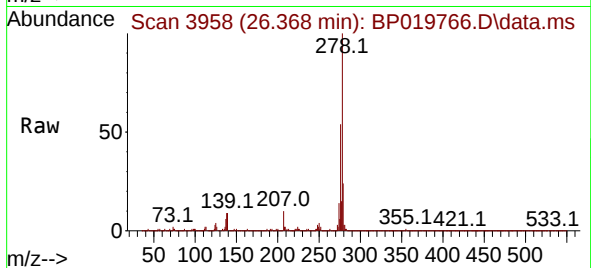
Tgt Ion:278 Resp: 1476235

Ion Ratio Lower Upper

278 100

139 9.0 8.6 12.8

279 23.9 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 48.182 ng

RT: 27.115 min Scan# 4085

Delta R.T. 0.000 min

Lab File: BP019766.D

Acq: 19 Feb 2024 16:54

Tgt Ion:276 Resp: 1416083

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 12.4 10.9 16.3

