

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022024\
 Data File : BP019792.D
 Acq On : 20 Feb 2024 18:44
 Operator : MA/JU
 Sample : P1523-10MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20240768-AMENDED-COMP-39N-N-3-03MSD

Quant Time: Feb 20 23:54:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 19 23:35:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	72002	20.000	ng	0.00
21) Naphthalene-d8	10.699	136	248127	20.000	ng	0.00
39) Acenaphthene-d10	14.534	164	153687	20.000	ng	0.00
64) Phenanthrene-d10	17.292	188	320464	20.000	ng	0.00
76) Chrysene-d12	21.380	240	368987	20.000	ng	-0.01
86) Perylene-d12	23.798	264	469111	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.470	112	182245	40.800	ng	0.00
7) Phenol-d6	7.069	99	395055	65.592	ng	0.00
23) Nitrobenzene-d5	9.069	82	443468	77.445	ng	0.00
42) 2,4,6-Tribromophenol	16.028	330	60982	27.176	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	909880	73.189	ng	0.00
79) Terphenyl-d14	19.857	244	1398213	62.317	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	68017	39.522	ng	# 83
3) Pyridine	3.781	79	184215	39.482	ng	99
4) n-Nitrosodimethylamine	3.699	42	93630	46.092	ng	# 98
6) Aniline	7.228	93	182353	31.159	ng	99
8) 2-Chlorophenol	7.458	128	209195	45.616	ng	97
9) Benzaldehyde	7.046	77	36929	8.745	ng	95
10) Phenol	7.099	94	258323	43.033	ng	99
11) bis(2-Chloroethyl)ether	7.334	93	203434	43.560	ng	100
12) 1,3-Dichlorobenzene	7.781	146	250744	44.684	ng	98
13) 1,4-Dichlorobenzene	7.934	146	256112	45.049	ng	99
14) 1,2-Dichlorobenzene	8.246	146	239097	43.467	ng	98
15) Benzyl Alcohol	8.146	79	212850	44.230	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.422	45	196189	42.009	ng	99
17) 2-Methylphenol	8.352	107	172844	42.768	ng	99
18) Hexachloroethane	8.963	117	96751	43.905	ng	99
19) n-Nitroso-di-n-propyla...	8.716	70	165695	40.276	ng	99
20) 3+4-Methylphenols	8.681	107	224506	40.704	ng	96
22) Acetophenone	8.734	105	326497	46.189	ng	# 96
24) Nitrobenzene	9.110	77	251136	43.559	ng	99
25) Isophorone	9.634	82	431046	43.223	ng	99
26) 2-Nitrophenol	9.816	139	112483	51.167	ng	97
27) 2,4-Dimethylphenol	9.881	122	145241	51.669	ng	99
28) bis(2-Chloroethoxy)met...	10.122	93	248574	44.055	ng	99
29) 2,4-Dichlorophenol	10.352	162	199105	46.856	ng	96
30) 1,2,4-Trichlorobenzene	10.557	180	246859	47.381	ng	97
31) Naphthalene	10.746	128	617720	45.392	ng	99
32) Benzoic acid	10.034	122	137886	50.346	ng	96
33) 4-Chloroaniline	10.869	127	103111	20.488	ng	99
34) Hexachlorobutadiene	11.016	225	187584	48.586	ng	98
35) Caprolactam	11.675	113	54651	45.431	ng	98
36) 4-Chloro-3-methylphenol	11.993	107	203791	43.984	ng	99
37) 2-Methylnaphthalene	12.357	142	417660	44.348	ng	99
38) 1-Methylnaphthalene	12.575	142	398017	43.006	ng	99
40) 1,2,4,5-Tetrachloroben...	12.722	216	293315	49.487	ng	99
41) Hexachlorocyclopentadiene	12.687	237	160564	59.966	ng	99
43) 2,4,6-Trichlorophenol	12.969	196	174545	48.633	ng	97

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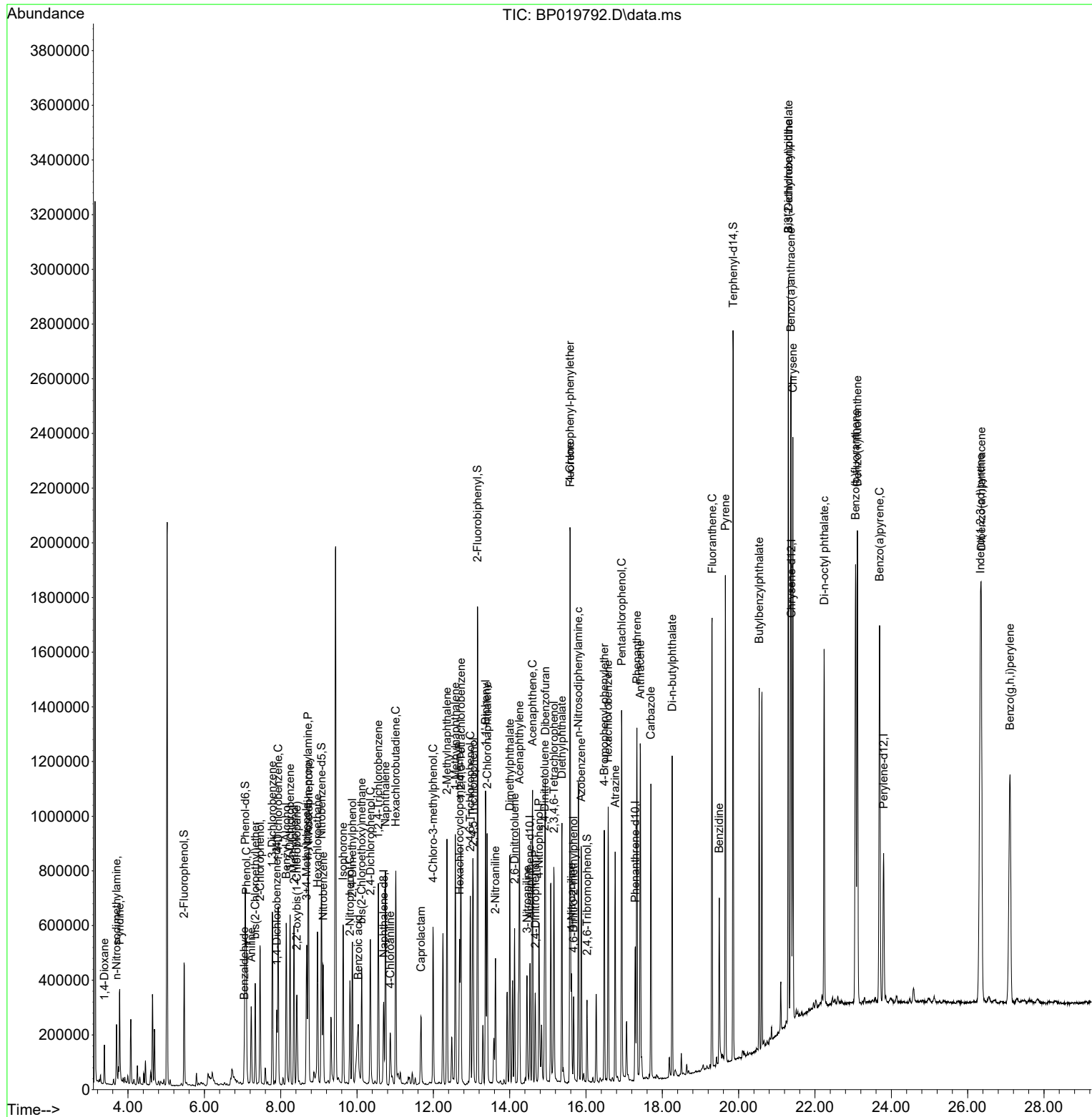
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44) 2,4,5-Trichlorophenol	13.046	196	186534	47.331	ng	98
46) 1,1'-Biphenyl	13.369	154	552537	45.045	ng	100
47) 2-Chloronaphthalene	13.410	162	444066	44.101	ng	98
48) 2-Nitroaniline	13.628	65	133968	47.581	ng	97
49) Acenaphthylene	14.257	152	685959	48.558	ng	99
50) Dimethylphthalate	14.004	163	540629	45.952	ng	99
51) 2,6-Dinitrotoluene	14.128	165	117381	45.410	ng	95
52) Acenaphthene	14.598	154	390921	44.586	ng	99
53) 3-Nitroaniline	14.457	138	84534	35.585	ng	93
54) 2,4-Dinitrophenol	14.669	184	79484	59.223	ng	98
55) Dibenzofuran	14.934	168	648563	45.417	ng	98
56) 4-Nitrophenol	14.769	139	176669	90.736	ng	98
57) 2,4-Dinitrotoluene	14.916	165	161763	47.755	ng	97
58) Fluorene	15.587	166	523263	46.006	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.163	232	168434	50.811	ng	# 95
60) Diethylphthalate	15.369	149	519475	44.391	ng	99
61) 4-Chlorophenyl-phenyle...	15.581	204	295234	46.183	ng	95
62) 4-Nitroaniline	15.622	138	106541	42.788	ng	95
63) Azobenzene	15.875	77	484607	42.824	ng	98
65) 4,6-Dinitro-2-methylph...	15.675	198	70986	38.847	ng	96
66) n-Nitrosodiphenylamine	15.798	169	441528	46.004	ng	100
67) 4-Bromophenyl-phenylether	16.481	248	193508	48.302	ng	96
68) Hexachlorobenzene	16.581	284	220611	47.156	ng	95
69) Atrazine	16.763	200	166120	52.160	ng	96
70) Pentachlorophenol	16.934	266	277846	95.368	ng	99
71) Phenanthrene	17.334	178	797706	47.300	ng	99
72) Anthracene	17.422	178	806592	47.944	ng	100
73) Carbazole	17.698	167	711754	46.570	ng	99
74) Di-n-butylphthalate	18.257	149	832432	45.046	ng	99
75) Fluoranthene	19.304	202	1037016	50.335	ng	98
77) Benzidine	19.492	184	395043	51.209	ng	99
78) Pyrene	19.651	202	1095547	42.069	ng	100
80) Butylbenzylphthalate	20.539	149	380457	39.121	ng	97
81) Benzo(a)anthracene	21.369	228	1259616	48.495	ng	100
82) 3,3'-Dichlorobenzidine	21.304	252	430194	45.452	ng	97
83) Chrysene	21.422	228	1182436	47.950	ng	99
84) Bis(2-ethylhexyl)phtha...	21.304	149	534222	36.074	ng	98
85) Di-n-octyl phthalate	22.239	149	973300	37.355	ng	100
87) Indeno(1,2,3-cd)pyrene	26.333	276	1698051	47.288	ng	97
88) Benzo(b)fluoranthene	23.063	252	1373552	46.457	ng	99
89) Benzo(k)fluoranthene	23.110	252	1307703	46.303	ng	98
90) Benzo(a)pyrene	23.692	252	1268141	48.206	ng	99
91) Dibenzo(a,h)anthracene	26.357	278	1384247	46.871	ng	98
92) Benzo(g,h,i)perylene	27.110	276	1330278	44.399	ng	98

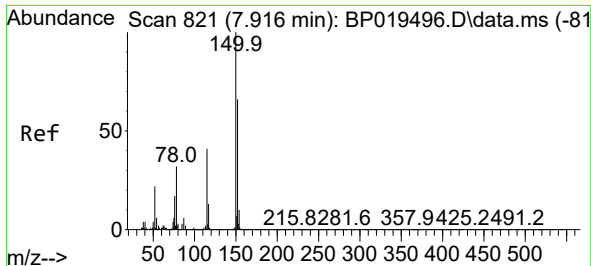
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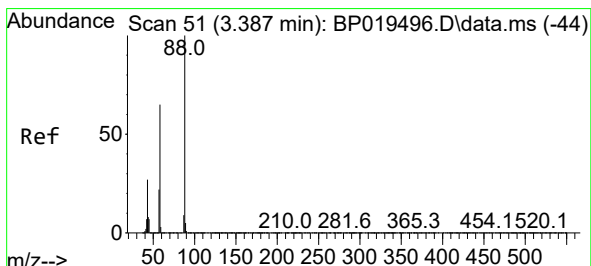
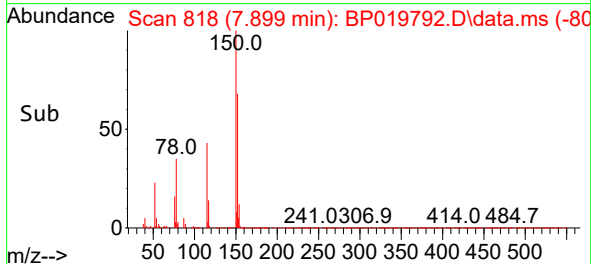
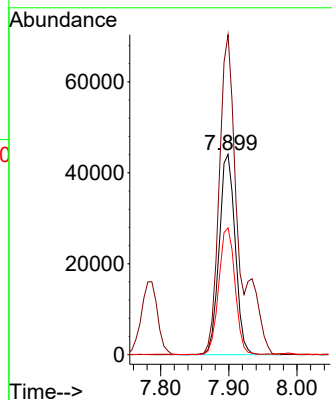
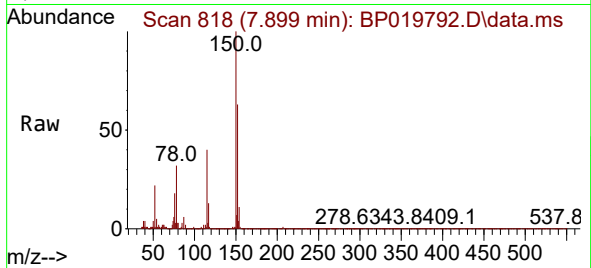




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.000 min
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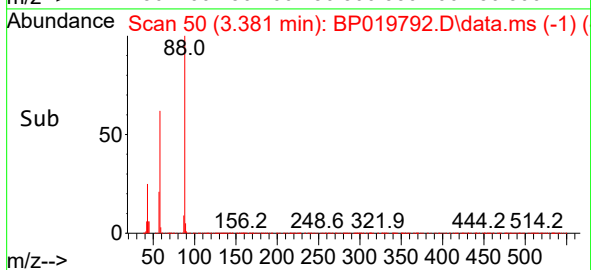
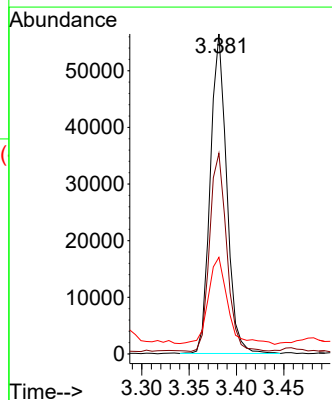
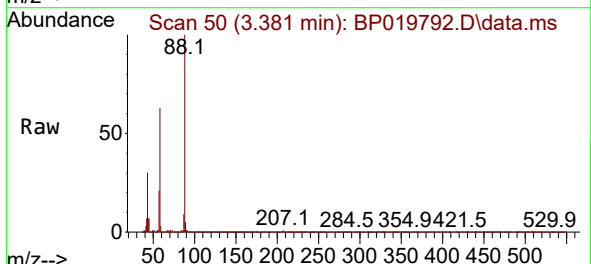
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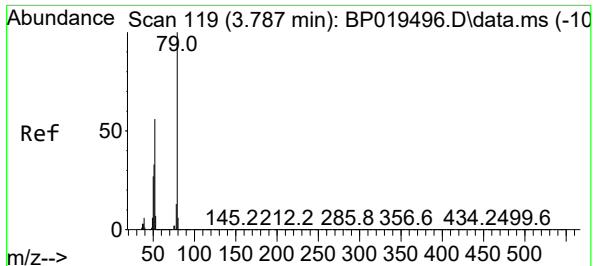
Tgt Ion:152 Resp: 72002
Ion Ratio Lower Upper
152 100
150 159.7 121.8 182.8
115 63.4 49.9 74.9



#2
1,4-Dioxane
Concen: 39.522 ng
RT: 3.381 min Scan# 50
Delta R.T. 0.000 min
Lab File: BP019792.D
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Tgt Ion: 88 Resp: 68017
Ion Ratio Lower Upper
88 100
58 64.5 52.6 78.8
43 0.0 21.9 32.9#

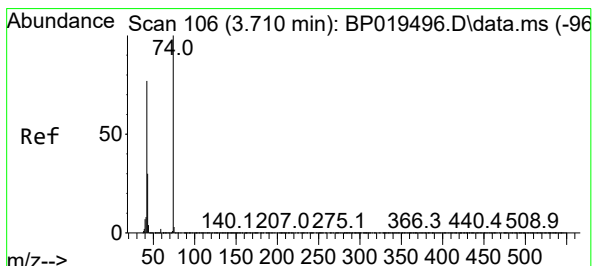
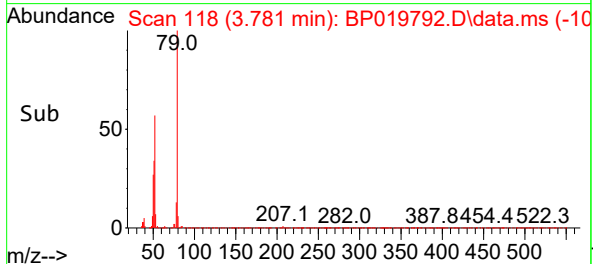
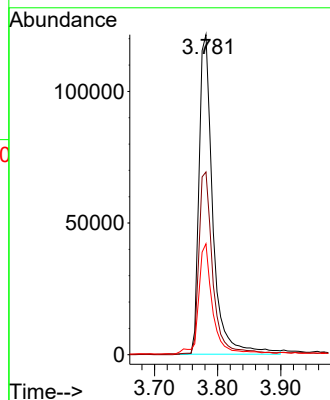
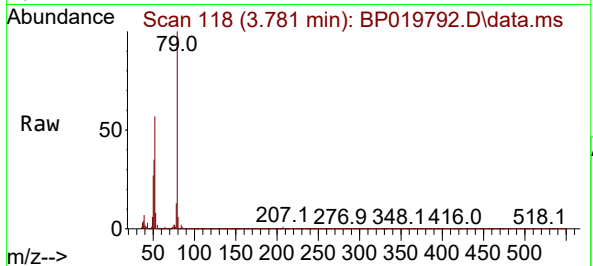




#3
Pyridine
Concen: 39.482 ng
RT: 3.781 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP019792.D
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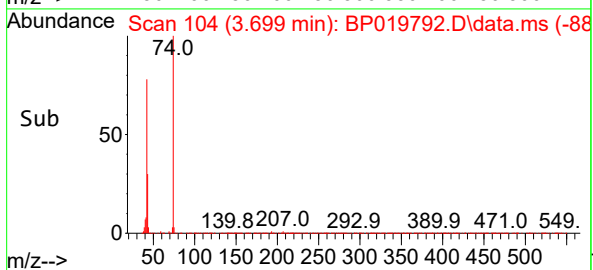
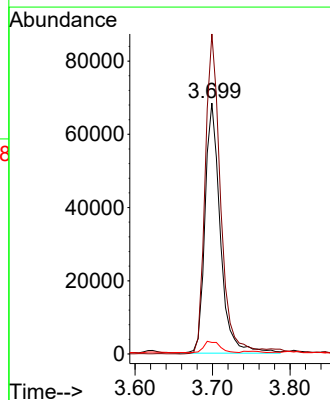
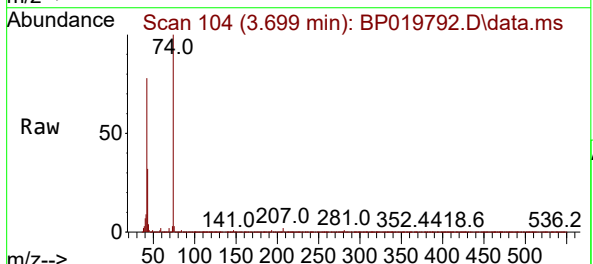
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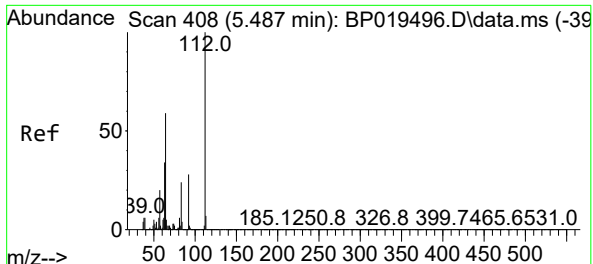
Tgt Ion: 79 Resp: 184215
Ion Ratio Lower Upper
79 100
52 57.1 45.0 67.6
51 34.7 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 46.092 ng
RT: 3.699 min Scan# 104
Delta R.T. -0.006 min
Lab File: BP019792.D
Acq: 20 Feb 2024 18:44

Tgt Ion: 42 Resp: 93630
Ion Ratio Lower Upper
42 100
74 127.6 103.4 155.2
44 4.6 4.8 7.2#

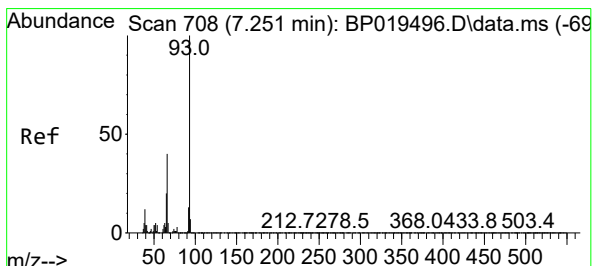
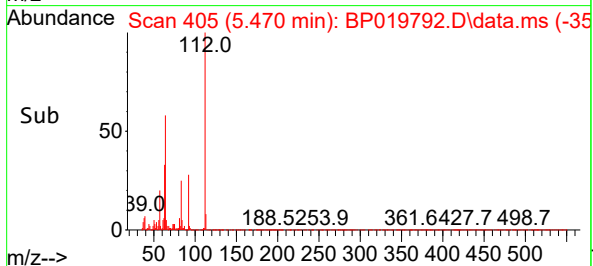
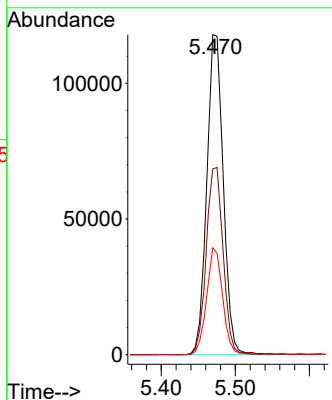
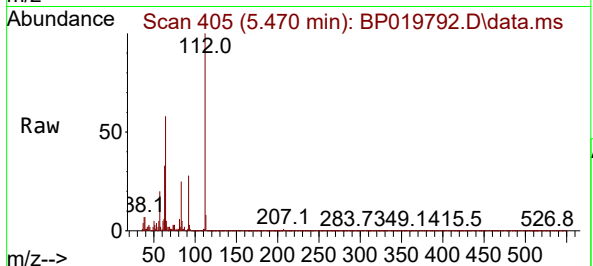




#5
2-Fluorophenol
Concen: 40.800 ng
RT: 5.470 min Scan# 408
Delta R.T. -0.006 min
Lab File: BP019792.D
Acq: 20 Feb 2024 18:44

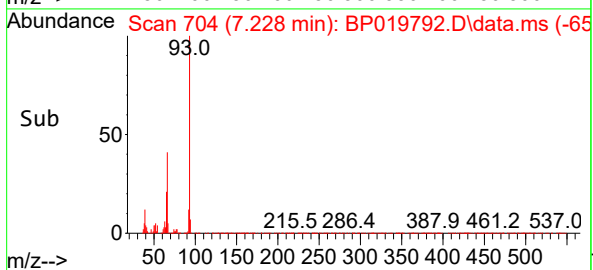
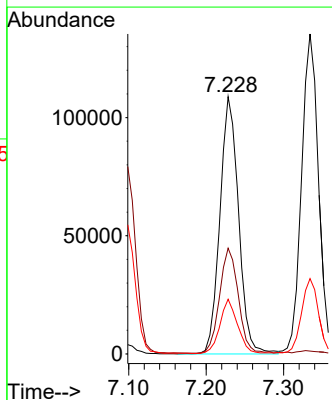
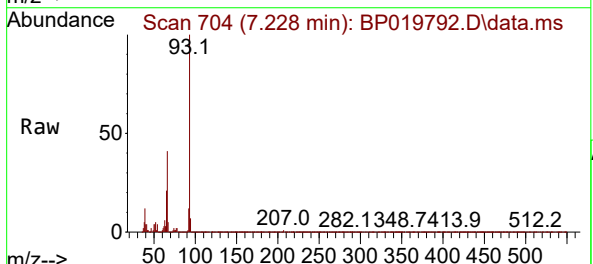
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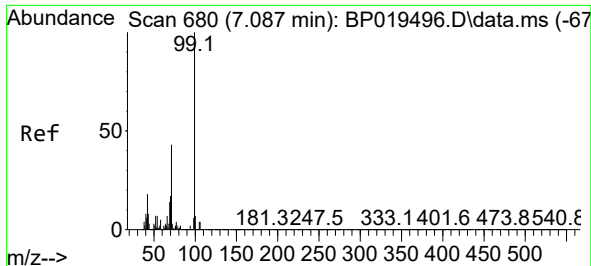
Tgt Ion:112 Resp: 182245
Ion Ratio Lower Upper
112 100
64 58.0 47.4 71.0
63 33.4 27.0 40.6



#6
Aniline
Concen: 31.159 ng
RT: 7.228 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP019792.D
Acq: 20 Feb 2024 18:44

Tgt Ion: 93 Resp: 182353
Ion Ratio Lower Upper
93 100
66 41.1 32.3 48.5
65 21.3 16.4 24.6

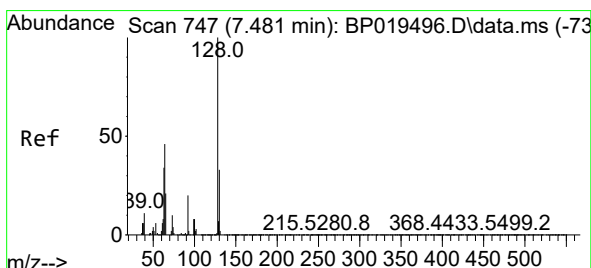
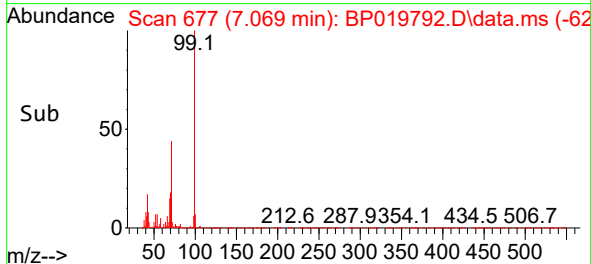
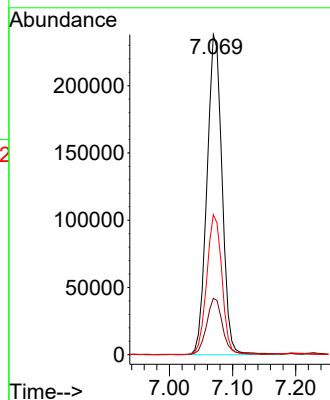
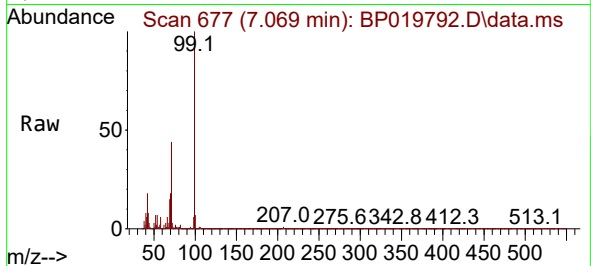




#7
Phenol-d6
Concen: 65.592 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP019792.D
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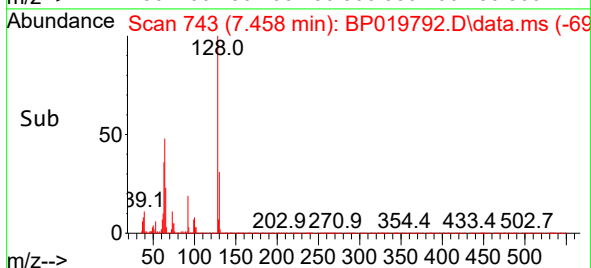
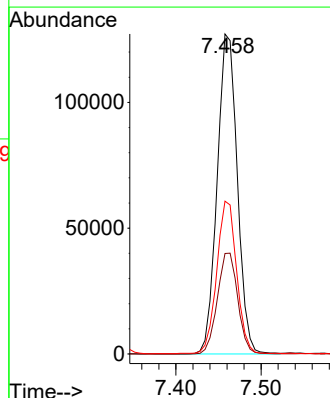
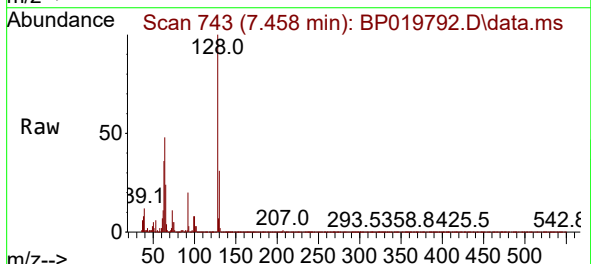
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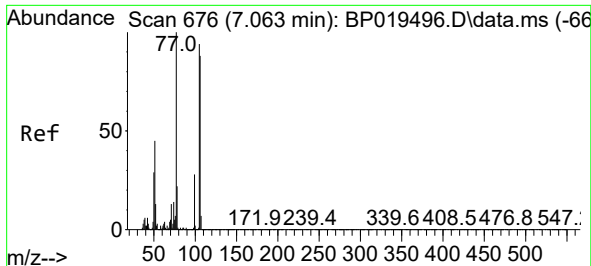
Tgt Ion: 99 Resp: 395055
Ion Ratio Lower Upper
99 100
42 17.6 14.7 22.1
71 43.8 34.8 52.2



#8
2-Chlorophenol
Concen: 45.616 ng
RT: 7.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: BP019792.D
Acq: 20 Feb 2024 18:44

Tgt Ion: 128 Resp: 209195
Ion Ratio Lower Upper
128 100
130 31.4 13.3 53.3
64 47.8 29.7 69.7

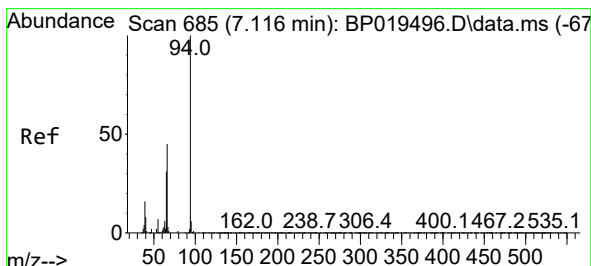
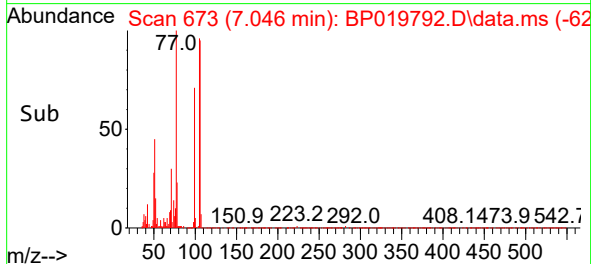
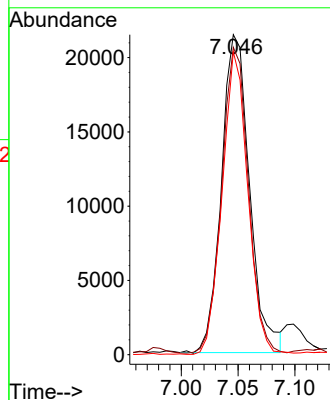
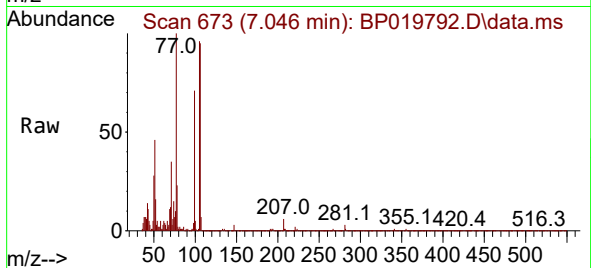




#9
Benzaldehyde
Concen: 8.745 ng
RT: 7.046 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019792.D
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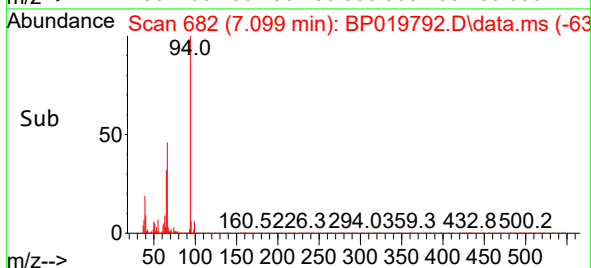
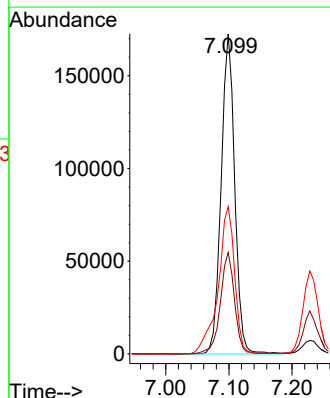
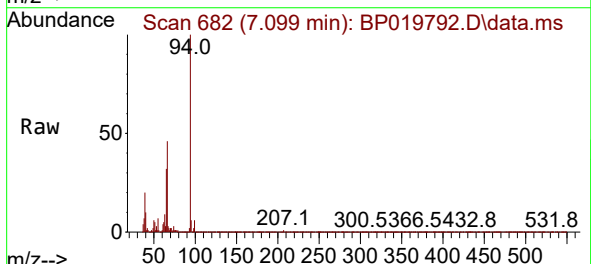
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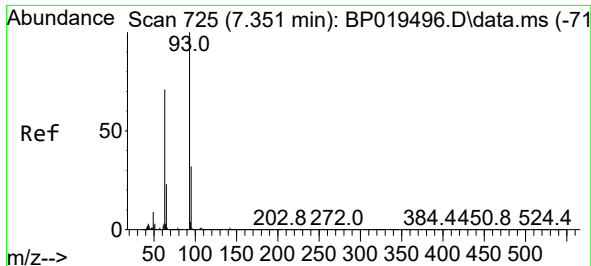
Tgt Ion: 77 Resp: 36929
Ion Ratio Lower Upper
77 100
105 96.0 74.0 114.0
106 94.7 67.8 107.8



#10
Phenol
Concen: 43.033 ng
RT: 7.099 min Scan# 682
Delta R.T. 0.000 min
Lab File: BP019792.D
Acq: 20 Feb 2024 18:44

Tgt Ion: 94 Resp: 258323
Ion Ratio Lower Upper
94 100
65 31.7 11.3 51.3
66 46.0 25.1 65.1

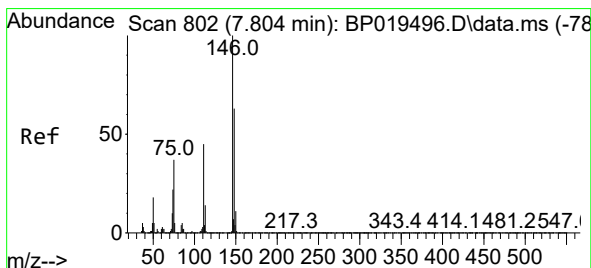
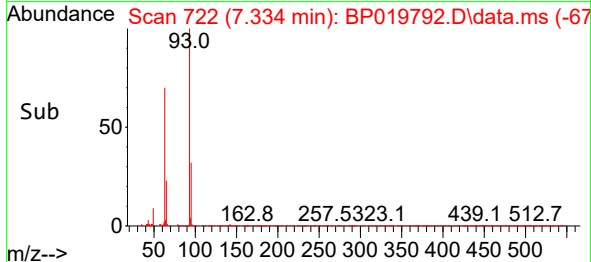
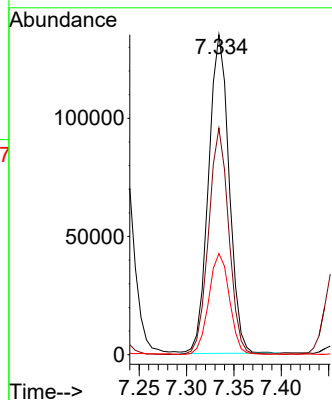
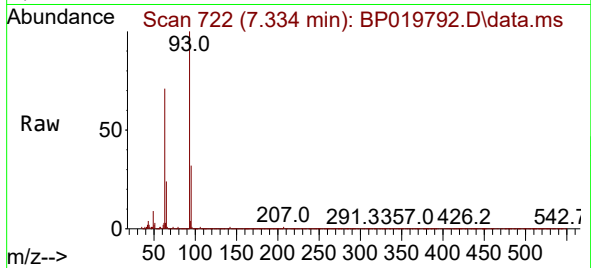




#11
bis(2-Chloroethyl)ether
Concen: 43.560 ng
RT: 7.334 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP019792.D
Acq: 20 Feb 2024 18:44

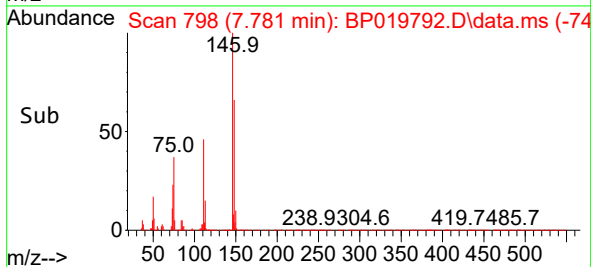
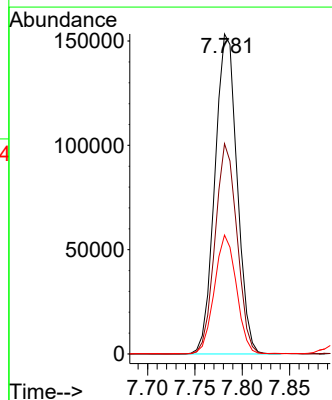
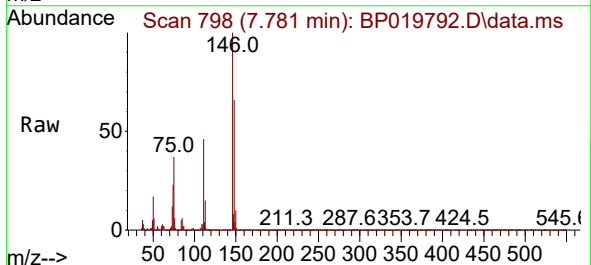
Instrument :
BNA_P
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

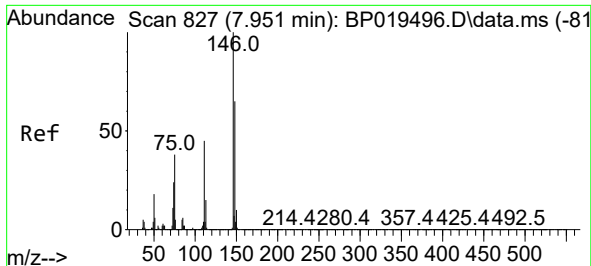
Tgt Ion: 93 Resp: 203434
Ion Ratio Lower Upper
93 100
63 70.8 51.2 91.2
95 31.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 44.684 ng
RT: 7.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BP019792.D
Acq: 20 Feb 2024 18:44

Tgt Ion:146 Resp: 250744
Ion Ratio Lower Upper
146 100
148 65.7 50.4 75.6
75 37.2 29.9 44.9

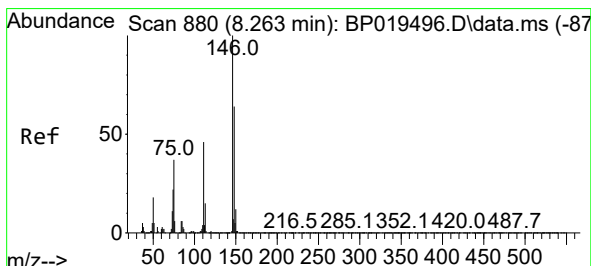
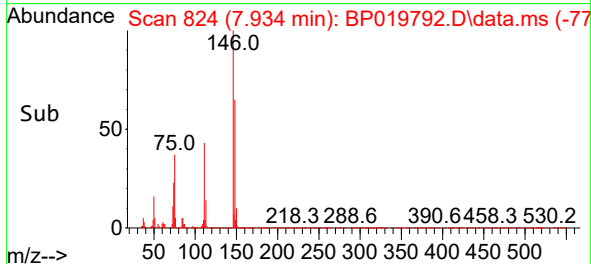
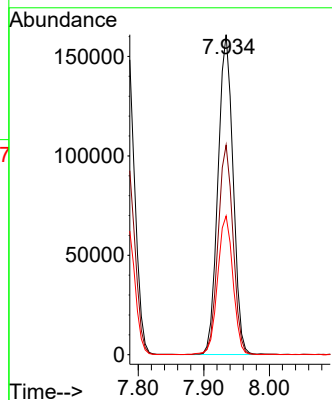
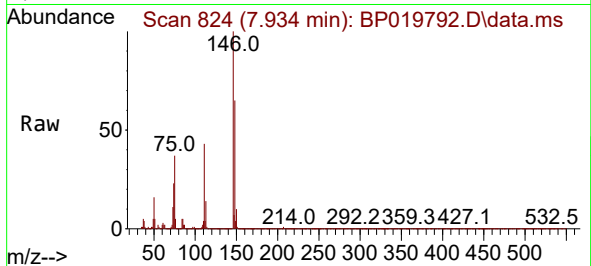




#13
1,4-Dichlorobenzene
Concen: 45.049 ng
RT: 7.934 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP019792.D
Acq: 20 Feb 2024 18:44

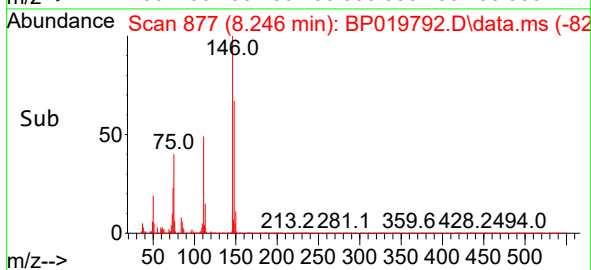
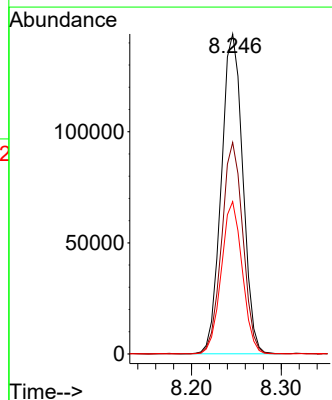
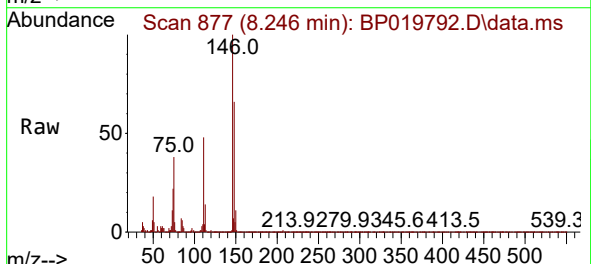
Instrument :
BNA_P
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

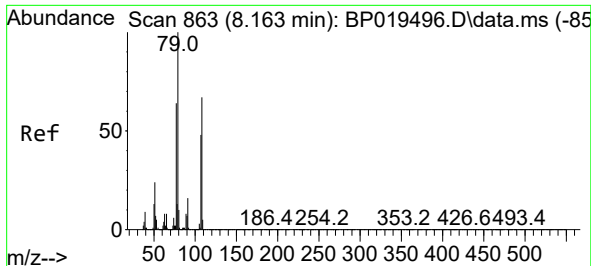
Tgt Ion:146 Resp: 256112
Ion Ratio Lower Upper
146 100
148 65.5 51.9 77.9
111 43.3 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 43.467 ng
RT: 8.246 min Scan# 877
Delta R.T. -0.006 min
Lab File: BP019792.D
Acq: 20 Feb 2024 18:44

Tgt Ion:146 Resp: 239097
Ion Ratio Lower Upper
146 100
148 66.1 51.4 77.0
111 47.6 37.0 55.6

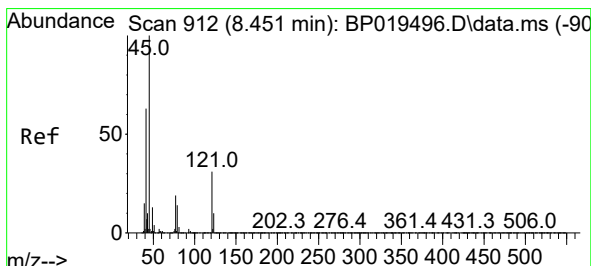
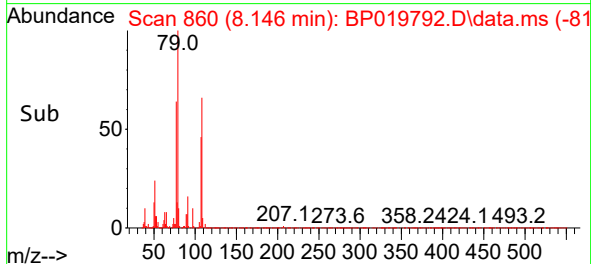
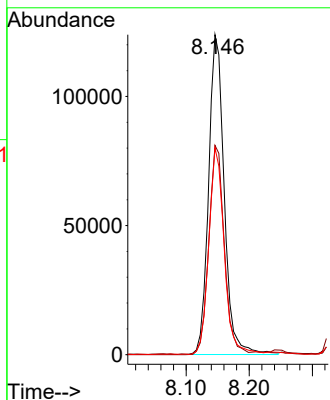
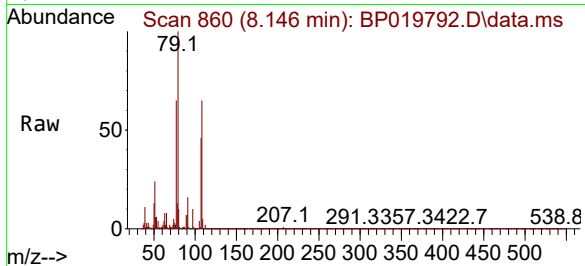




#15
Benzyl Alcohol
Concen: 44.230 ng
RT: 8.146 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP019792.D
Acq: 20 Feb 2024 18:44

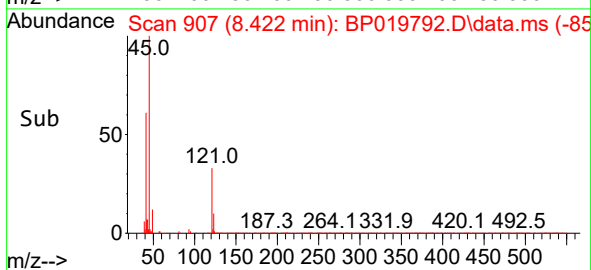
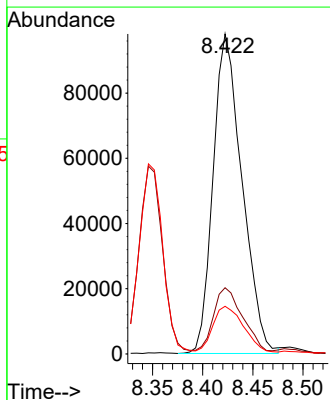
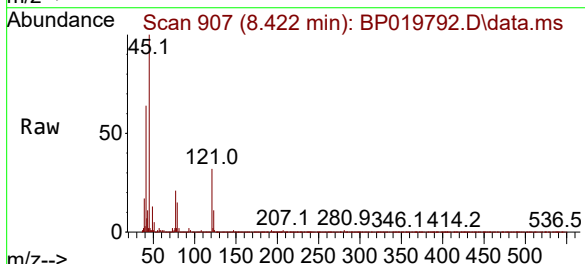
Instrument :
BNA_P
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

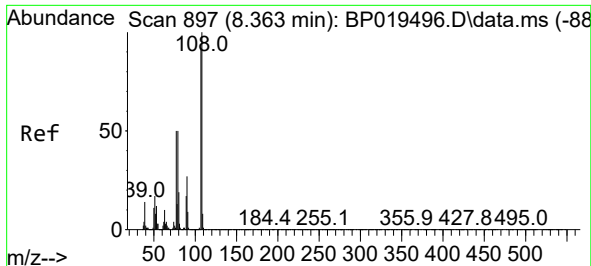
Tgt Ion: 79 Resp: 212850
Ion Ratio Lower Upper
79 100
108 65.4 53.8 80.6
77 64.7 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.009 ng
RT: 8.422 min Scan# 907
Delta R.T. -0.018 min
Lab File: BP019792.D
Acq: 20 Feb 2024 18:44

Tgt Ion: 45 Resp: 196189
Ion Ratio Lower Upper
45 100
77 20.7 0.8 40.8
79 14.9 0.0 35.5

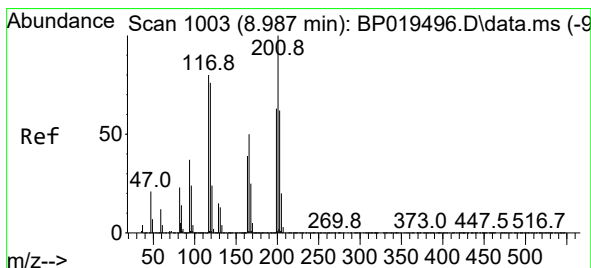
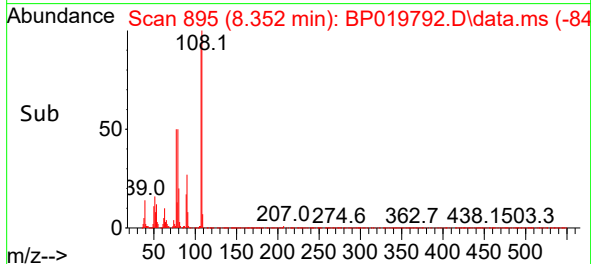
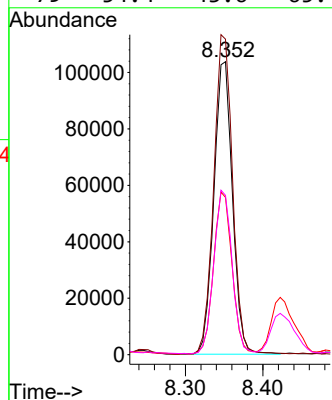
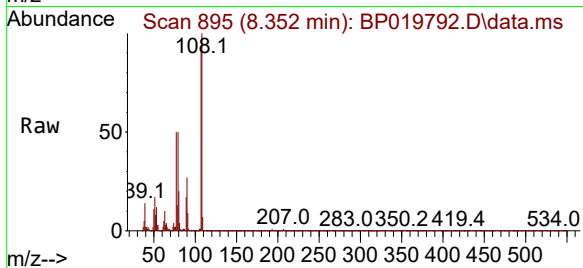




#17
2-Methylphenol
Concen: 42.768 ng
RT: 8.352 min Scan# 897
Delta R.T. 0.006 min
Lab File: BP019792.D
Acq: 20 Feb 2024 18:44

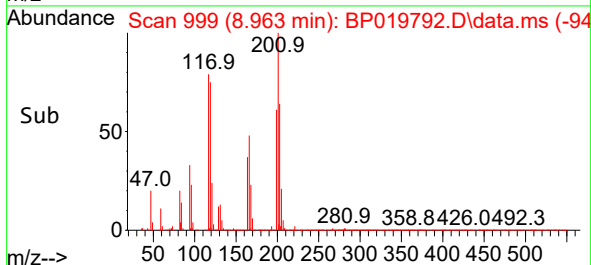
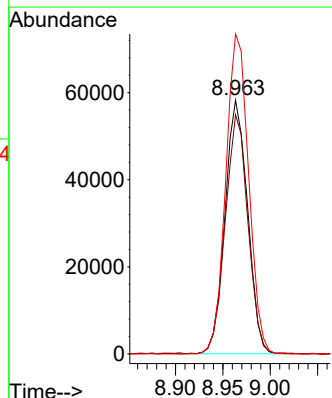
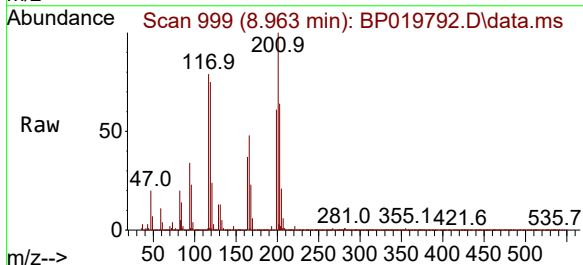
Instrument :
BNA_P
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

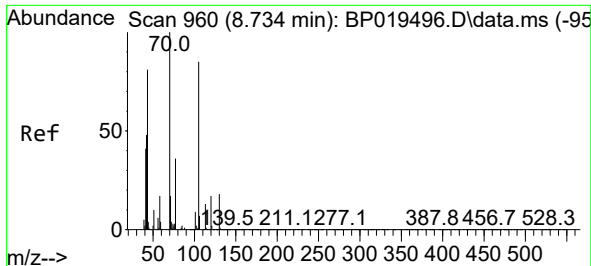
Tgt Ion:	107	Resp:	172844
Ion	Ratio	Lower	Upper
107	100		
108	107.7	87.0	130.6
77	53.7	43.5	65.3
79	54.4	43.6	65.4



#18
Hexachloroethane
Concen: 43.905 ng
RT: 8.963 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP019792.D
Acq: 20 Feb 2024 18:44

Tgt Ion:	117	Resp:	96751
Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.5	113.3
201	126.1	99.4	149.2

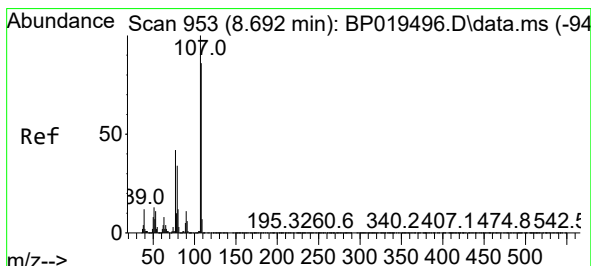
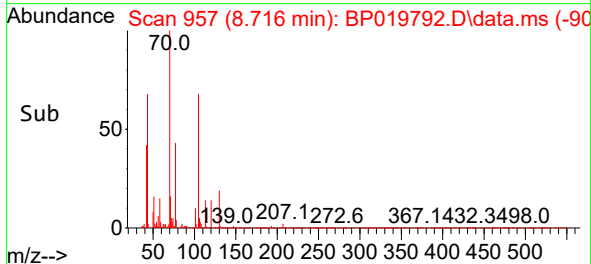
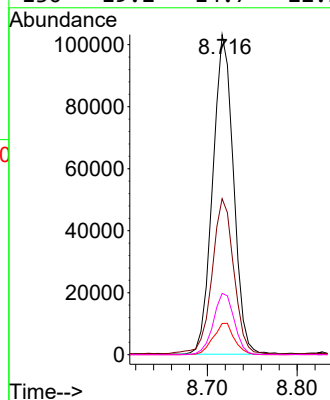
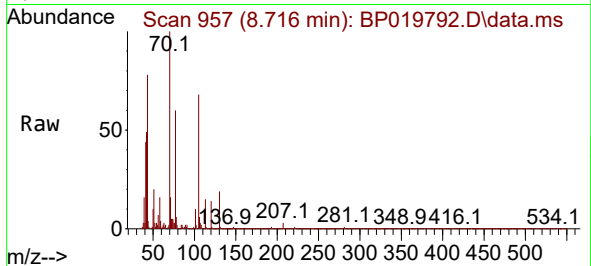




#19
n-Nitroso-di-n-propylamine
Concen: 40.276 ng
RT: 8.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP019792.D
Acq: 20 Feb 2024 18:44

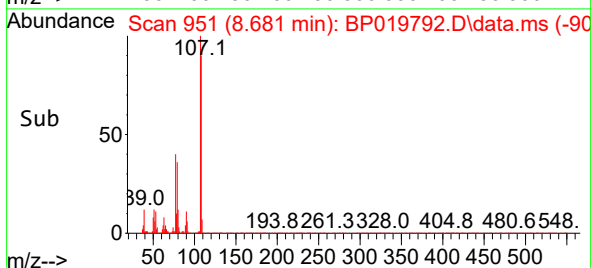
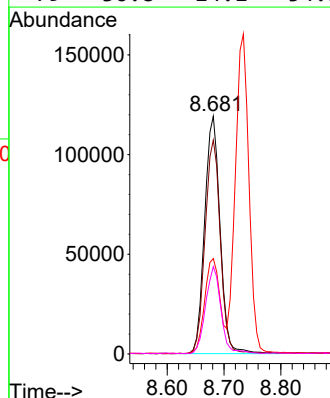
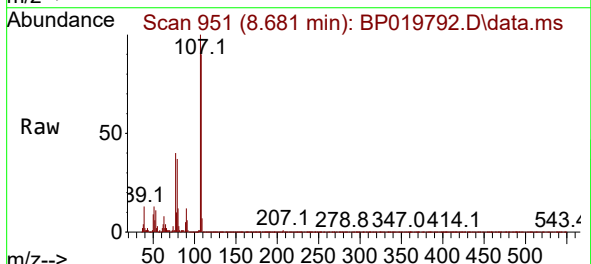
Instrument :
BNA_P
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

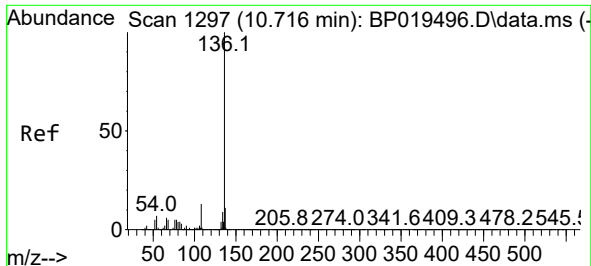
Tgt Ion: 70 Resp: 165695
Ion Ratio Lower Upper
70 100
42 48.8 39.2 58.8
101 9.8 7.3 10.9
130 19.2 14.7 22.1



#20
3+4-Methylphenols
Concen: 40.704 ng
RT: 8.681 min Scan# 951
Delta R.T. 0.000 min
Lab File: BP019792.D
Acq: 20 Feb 2024 18:44

Tgt Ion: 107 Resp: 224506
Ion Ratio Lower Upper
107 100
108 90.0 65.5 105.5
77 40.2 21.8 61.8
79 36.8 14.1 54.1

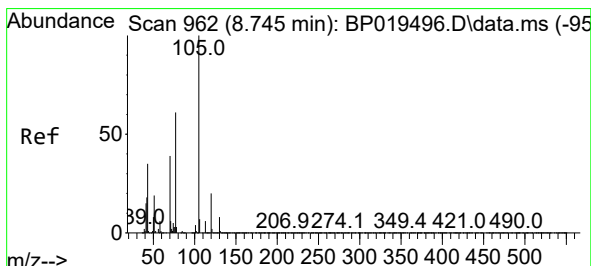
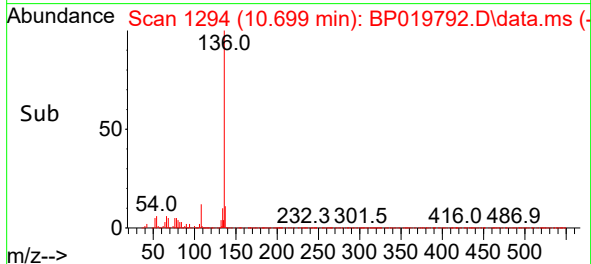
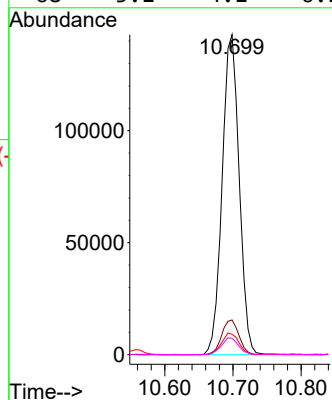
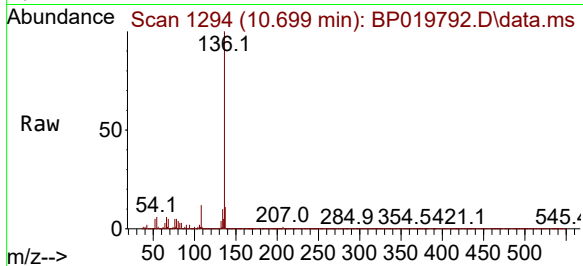




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP019792.D
Acq: 20 Feb 2024 18:44

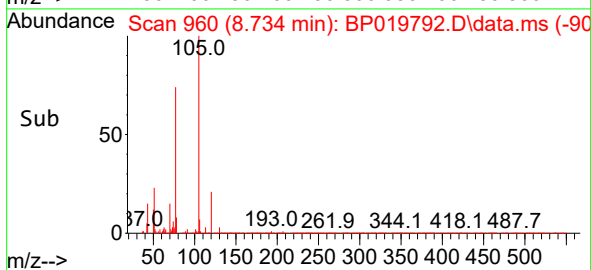
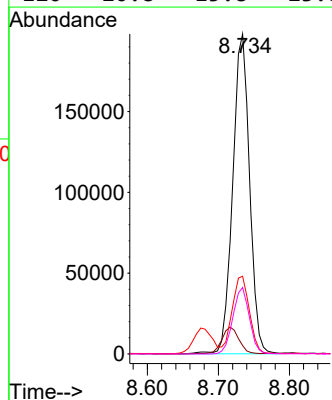
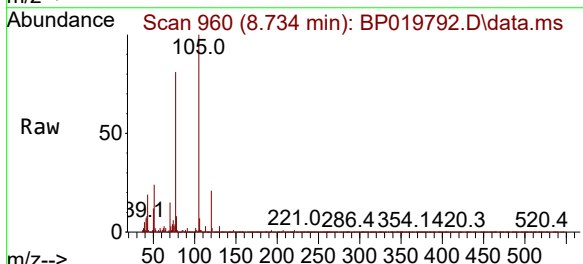
Instrument :
BNA_P
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

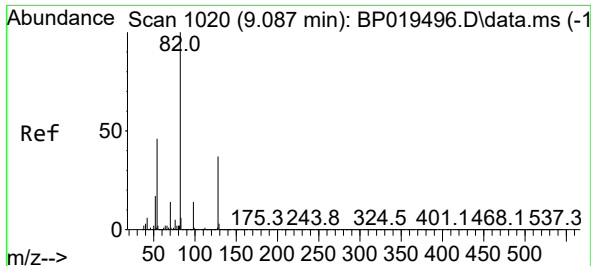
Tgt Ion:	136	Resp:	248127
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.4	5.3	7.9
68	5.1	4.1	6.1



#22
Acetophenone
Concen: 46.189 ng
RT: 8.734 min Scan# 960
Delta R.T. 0.000 min
Lab File: BP019792.D
Acq: 20 Feb 2024 18:44

Tgt Ion:	105	Resp:	326497
Ion	Ratio	Lower	Upper
105	100		
71	2.7	4.9	7.3
51	24.3	20.7	31.1
120	20.8	15.8	23.8





#23

Nitrobenzene-d5

Concen: 77.445 ng

RT: 9.069 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BP019792.D

Acq: 20 Feb 2024 18:44

Instrument :

BNA_P

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD

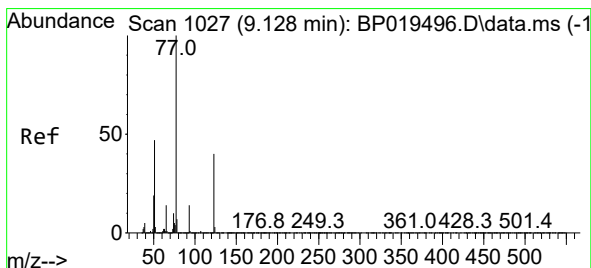
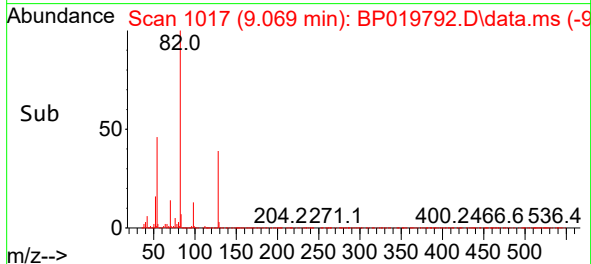
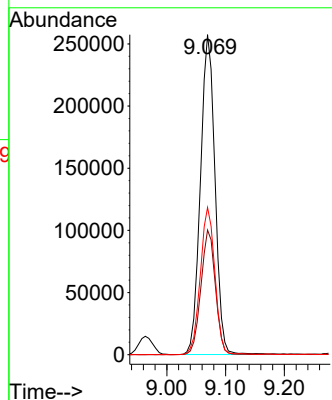
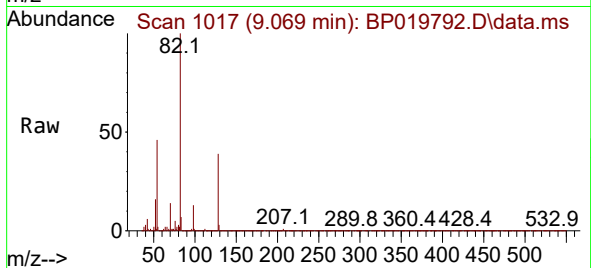
Tgt Ion: 82 Resp: 443468

Ion Ratio Lower Upper

82 100

128 38.9 29.7 44.5

54 46.0 36.8 55.2



#24

Nitrobenzene

Concen: 43.559 ng

RT: 9.110 min Scan# 1024

Delta R.T. -0.006 min

Lab File: BP019792.D

Acq: 20 Feb 2024 18:44

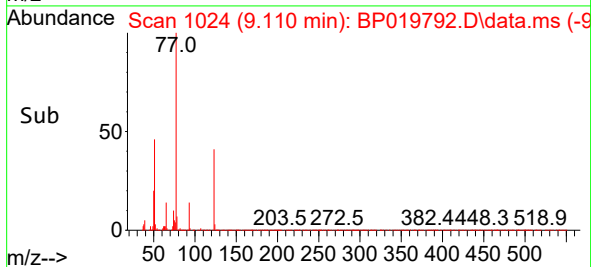
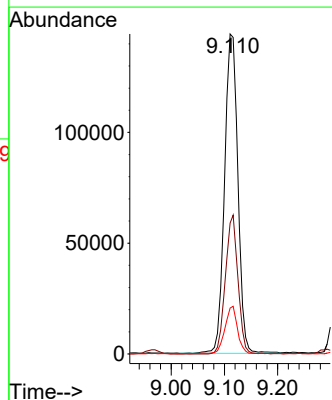
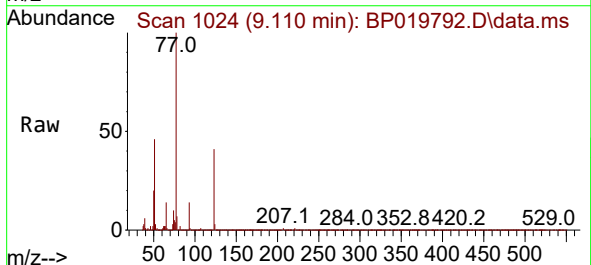
Tgt Ion: 77 Resp: 251136

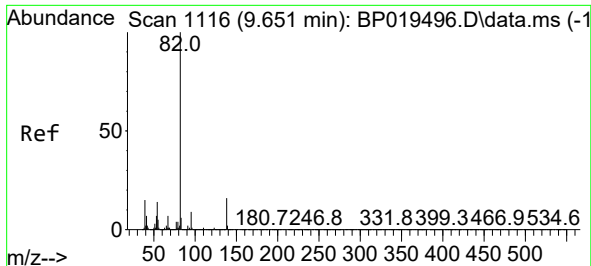
Ion Ratio Lower Upper

77 100

123 40.9 32.3 48.5

65 14.4 11.6 17.4

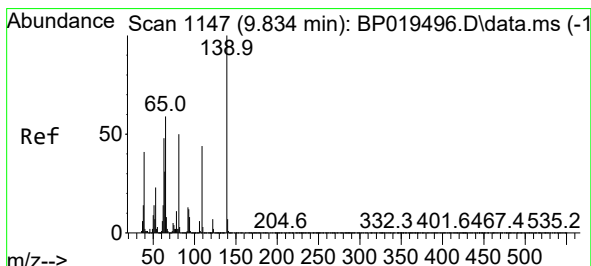
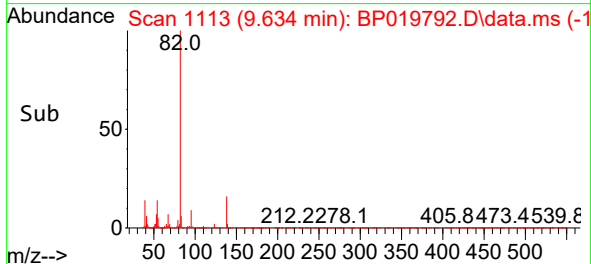
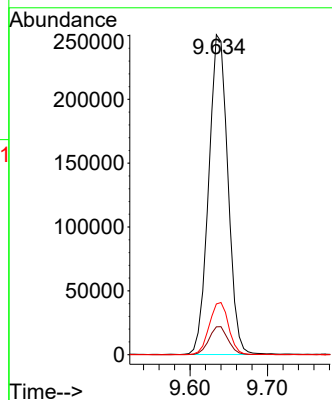
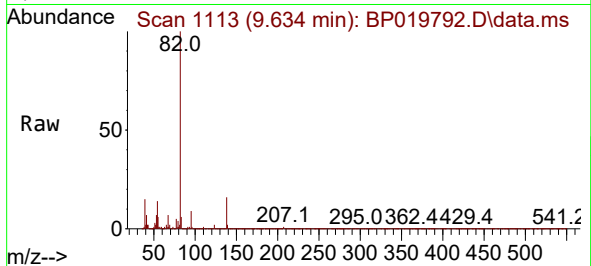




#25
Isophorone
Concen: 43.223 ng
RT: 9.634 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BP019792.D
Acq: 20 Feb 2024 18:44

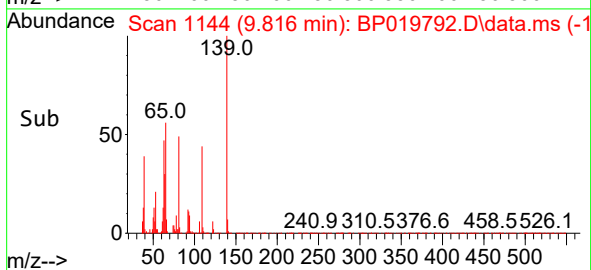
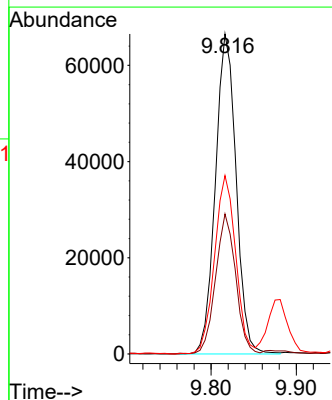
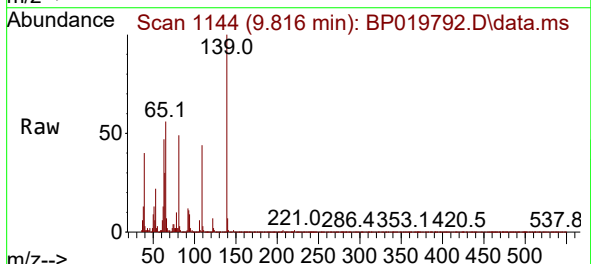
Instrument :
BNA_P
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

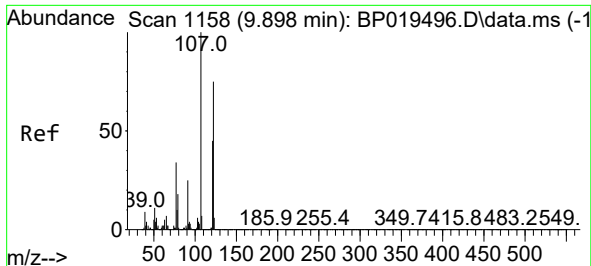
Tgt Ion: 82 Resp: 431046
Ion Ratio Lower Upper
82 100
95 8.7 7.0 10.4
138 15.8 13.1 19.7



#26
2-Nitrophenol
Concen: 51.167 ng
RT: 9.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BP019792.D
Acq: 20 Feb 2024 18:44

Tgt Ion: 139 Resp: 112483
Ion Ratio Lower Upper
139 100
109 43.7 34.9 52.3
65 55.8 47.5 71.3





#27

2,4-Dimethylphenol

Concen: 51.669 ng

RT: 9.881 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BP019792.D

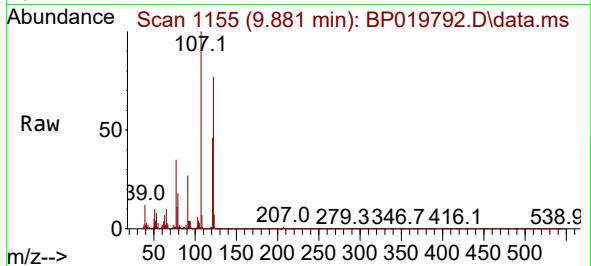
Acq: 20 Feb 2024 18:44

Instrument :

BNA_P

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD



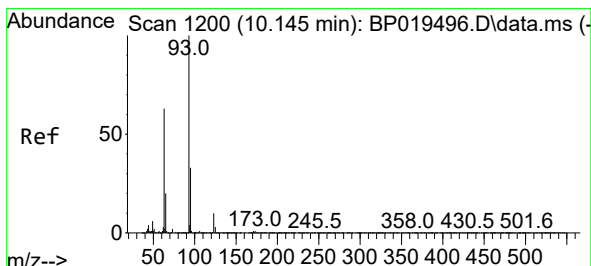
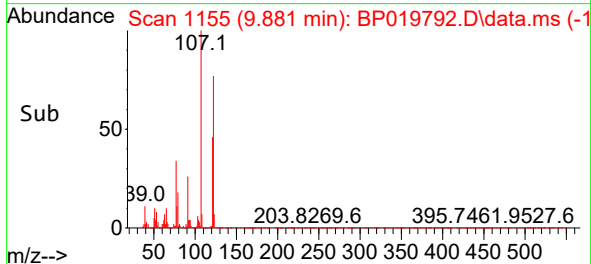
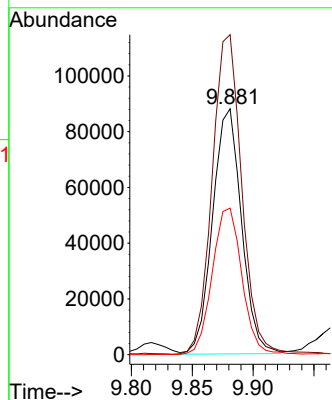
Tgt Ion:122 Resp: 145241

Ion Ratio Lower Upper

122 100

107 130.1 105.9 158.9

121 59.6 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 44.055 ng

RT: 10.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BP019792.D

Acq: 20 Feb 2024 18:44

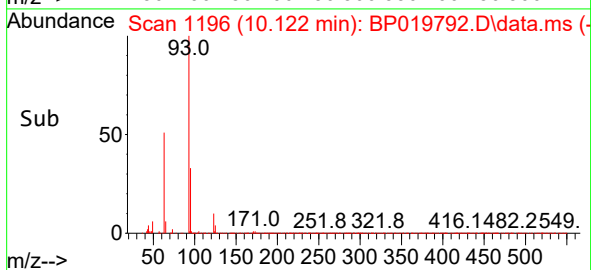
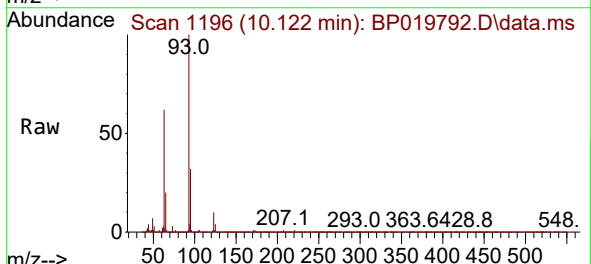
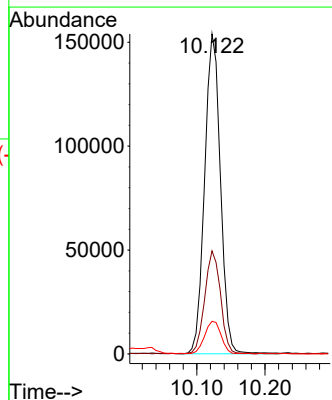
Tgt Ion: 93 Resp: 248574

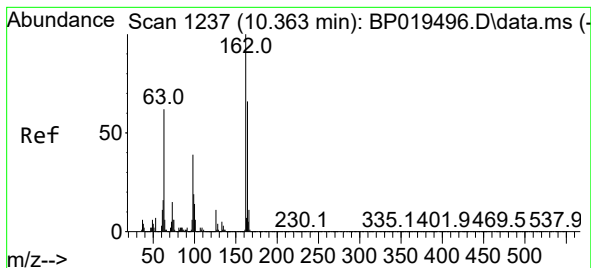
Ion Ratio Lower Upper

93 100

95 32.2 26.2 39.4

123 10.2 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 46.856 ng

RT: 10.352 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BP019792.D

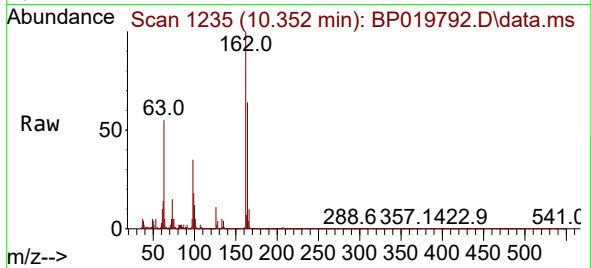
Acq: 20 Feb 2024 18:44

Instrument :

BNA_P

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD



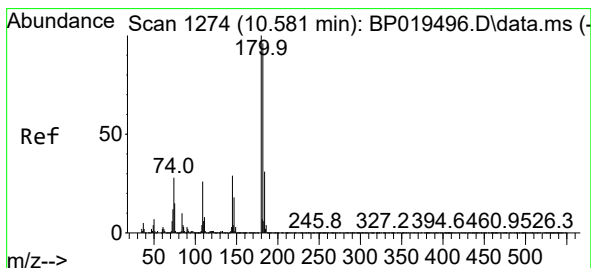
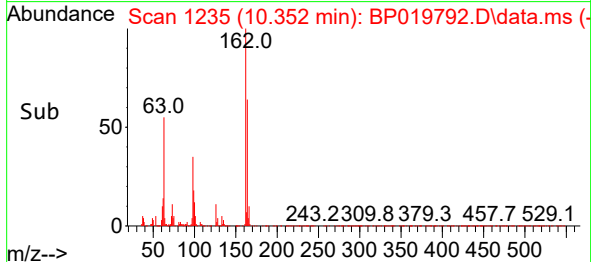
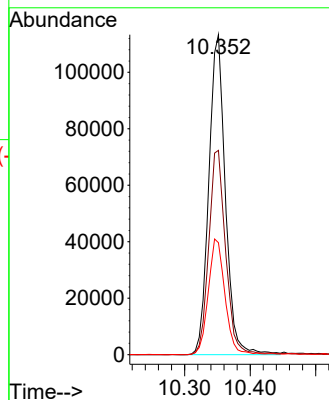
Tgt Ion:162 Resp: 199105

Ion Ratio Lower Upper

162 100

164 63.9 46.0 86.0

98 35.0 18.7 58.7



#30

1,2,4-Trichlorobenzene

Concen: 47.381 ng

RT: 10.557 min Scan# 1270

Delta R.T. -0.006 min

Lab File: BP019792.D

Acq: 20 Feb 2024 18:44

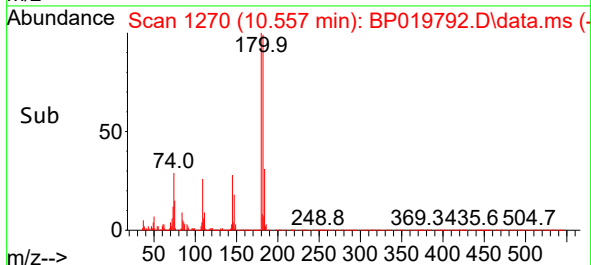
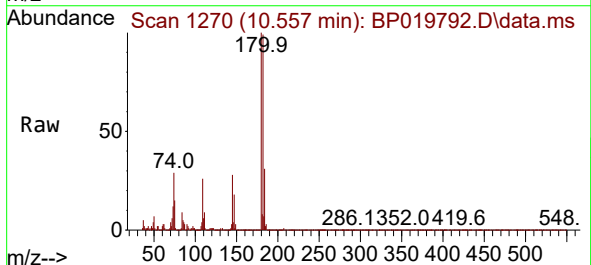
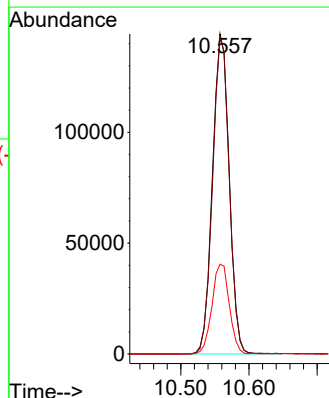
Tgt Ion:180 Resp: 246859

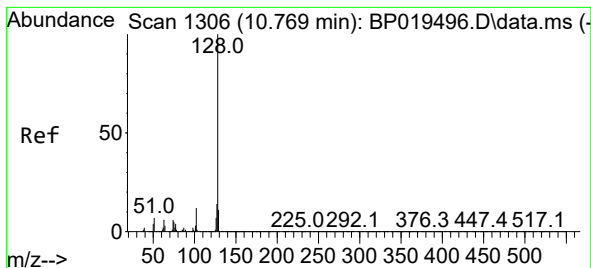
Ion Ratio Lower Upper

180 100

182 99.1 77.0 115.6

145 28.0 23.2 34.8





#31

Naphthalene

Concen: 45.392 ng

RT: 10.746 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BP019792.D

Acq: 20 Feb 2024 18:44

Instrument :

BNA_P

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD

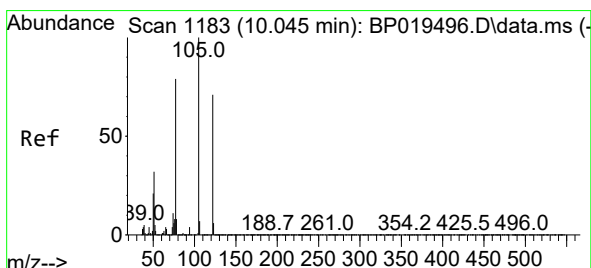
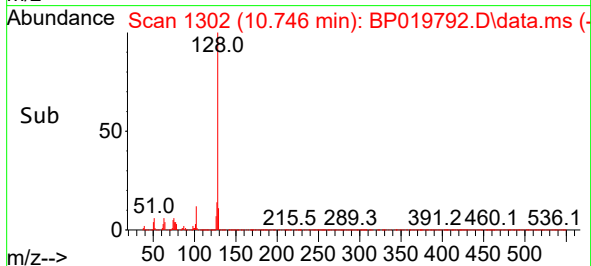
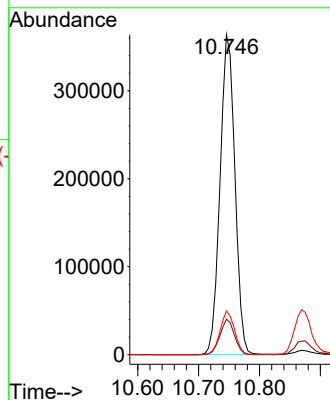
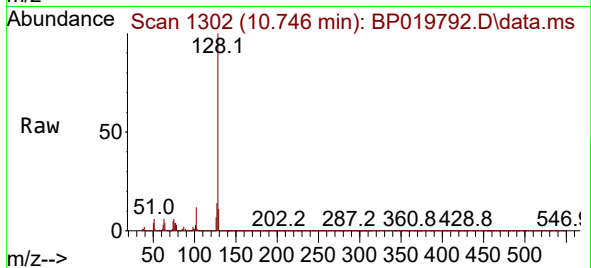
Tgt Ion:128 Resp: 617720

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

127 13.7 10.8 16.2



#32

Benzoic acid

Concen: 50.346 ng

RT: 10.034 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BP019792.D

Acq: 20 Feb 2024 18:44

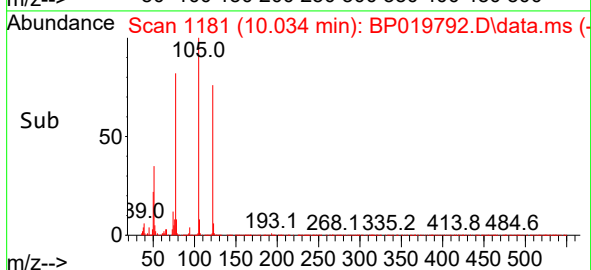
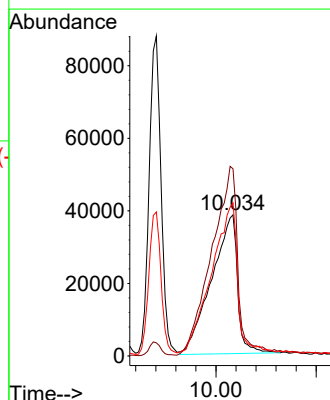
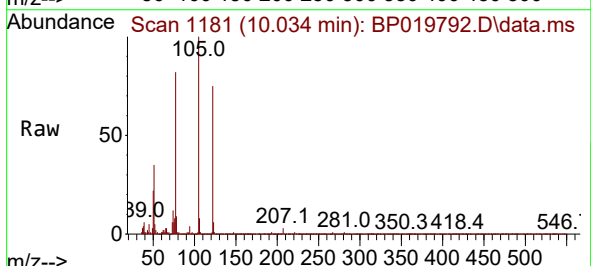
Tgt Ion:122 Resp: 137886

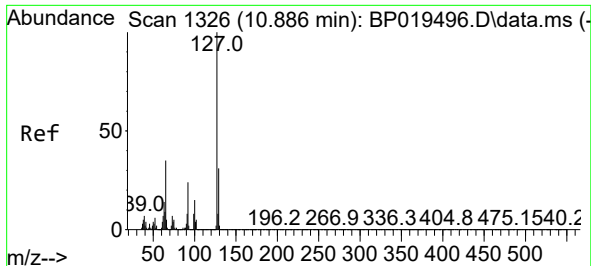
Ion Ratio Lower Upper

122 100

105 132.7 118.8 158.8

77 108.5 91.7 131.7

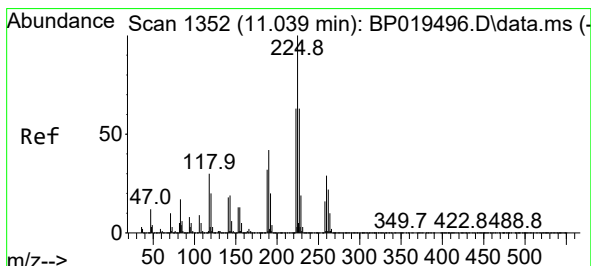
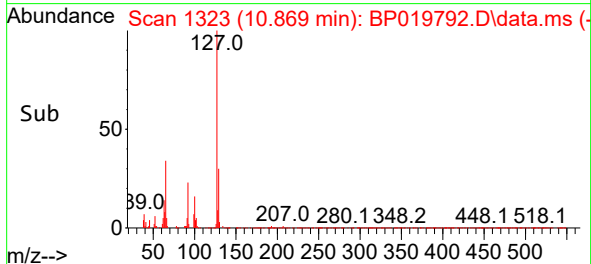
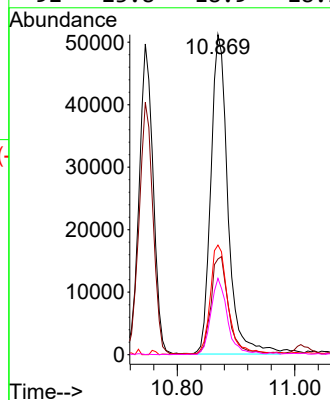
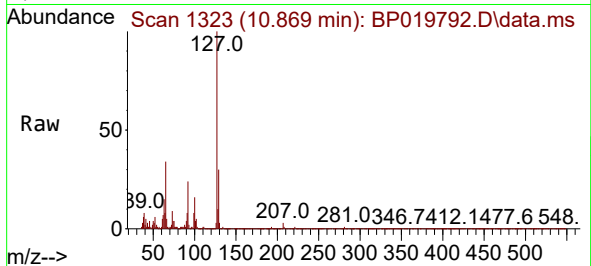




#33
4-Chloroaniline
Concen: 20.488 ng
RT: 10.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019792.D
Acq: 20 Feb 2024 18:44

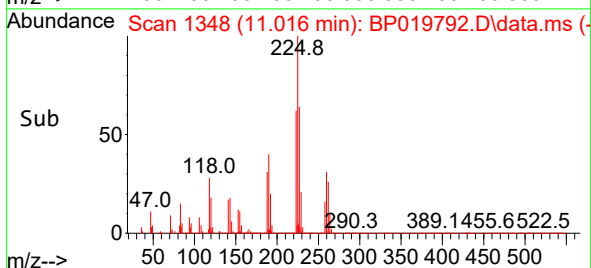
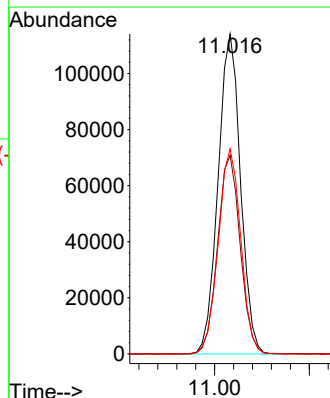
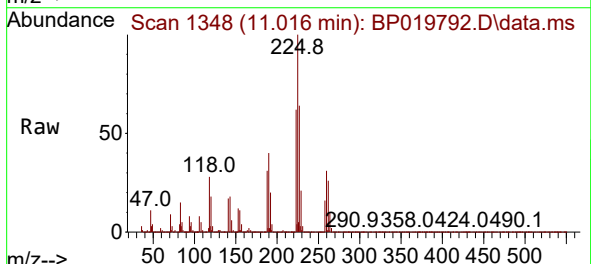
Instrument :
BNA_P
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

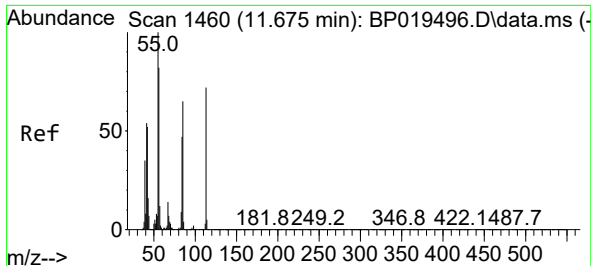
Tgt Ion:	127	Resp:	103111
Ion	Ratio	Lower	Upper
127	100		
129	29.9	24.6	36.8
65	34.2	28.2	42.4
92	23.8	18.9	28.3



#34
Hexachlorobutadiene
Concen: 48.586 ng
RT: 11.016 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BP019792.D
Acq: 20 Feb 2024 18:44

Tgt Ion:	225	Resp:	187584
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.5	75.7
227	64.1	50.2	75.2

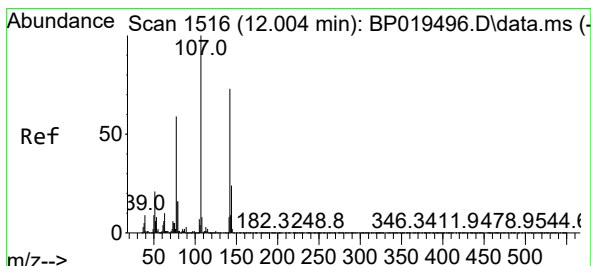
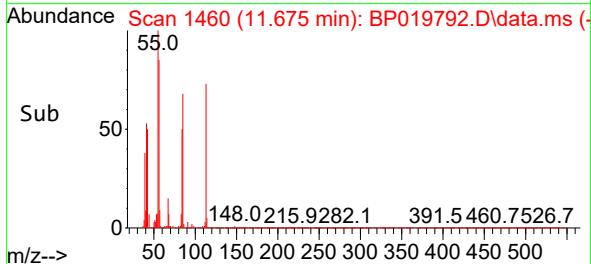
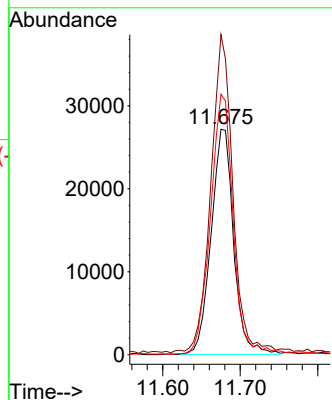
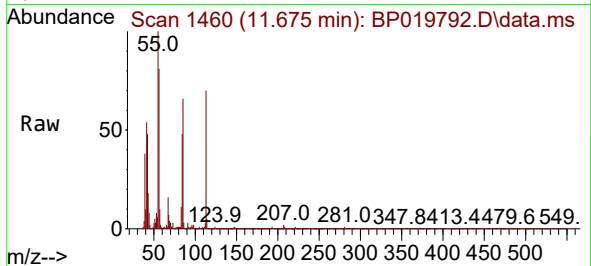




#35
Caprolactam
Concen: 45.431 ng
RT: 11.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BP019792.D
Acq: 20 Feb 2024 18:44

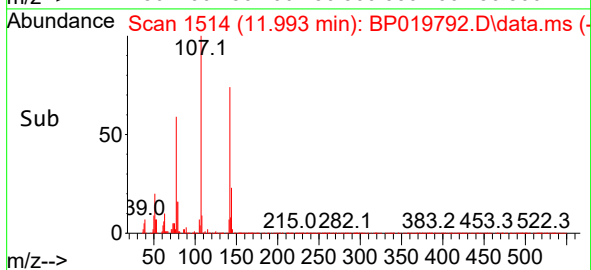
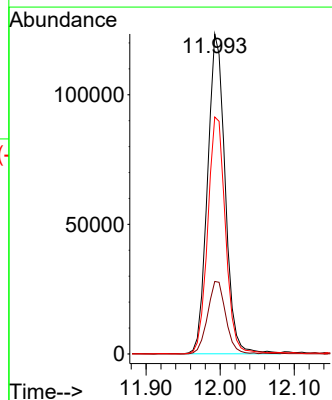
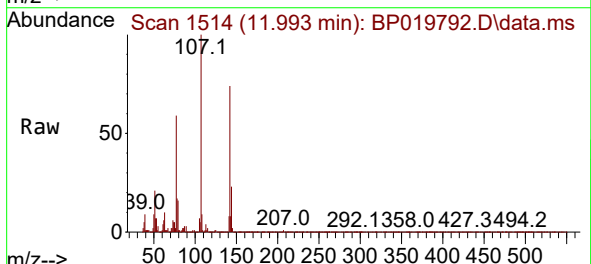
Instrument :
BNA_P
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

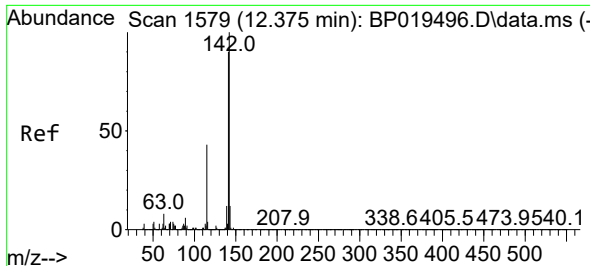
Tgt Ion	Ratio	Lower	Upper
113	100		
55	141.9	120.0	160.0
56	115.5	94.0	134.0



#36
4-Chloro-3-methylphenol
Concen: 43.984 ng
RT: 11.993 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BP019792.D
Acq: 20 Feb 2024 18:44

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.6	19.0	28.4
142	74.0	58.6	88.0

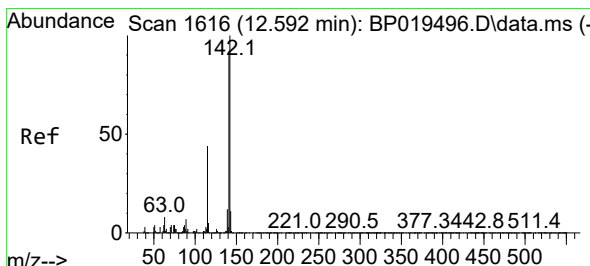
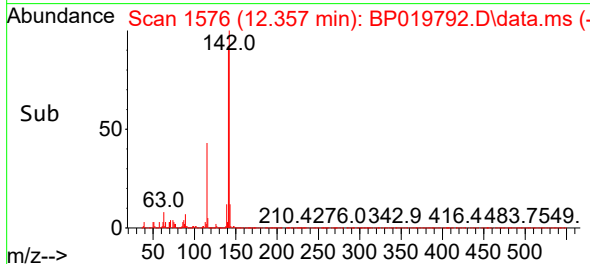
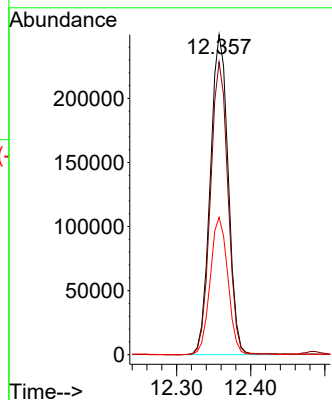
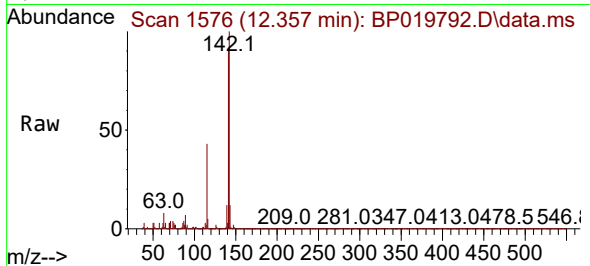




#37
2-Methylnaphthalene
Concen: 44.348 ng
RT: 12.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019792.D
Acq: 20 Feb 2024 18:44

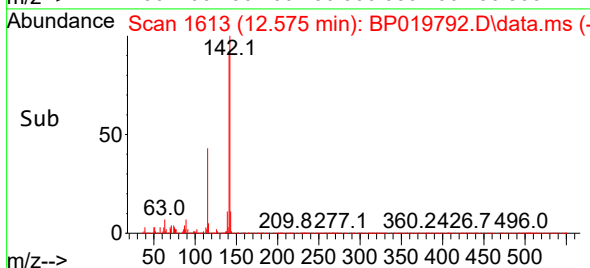
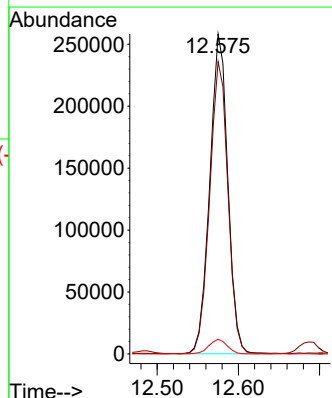
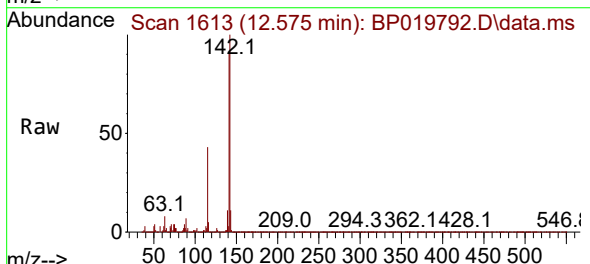
Instrument :
BNA_P
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

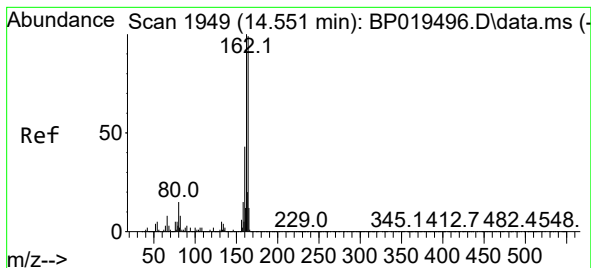
Tgt Ion:142 Resp: 417660
Ion Ratio Lower Upper
142 100
141 91.4 72.2 108.4
115 42.9 34.2 51.2



#38
1-Methylnaphthalene
Concen: 43.006 ng
RT: 12.575 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BP019792.D
Acq: 20 Feb 2024 18:44

Tgt Ion:142 Resp: 398017
Ion Ratio Lower Upper
142 100
141 91.4 74.0 111.0
116 4.6 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.534 min Scan# 1946

Delta R.T. -0.006 min

Lab File: BP019792.D

Acq: 20 Feb 2024 18:44

Instrument :

BNA_P

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD

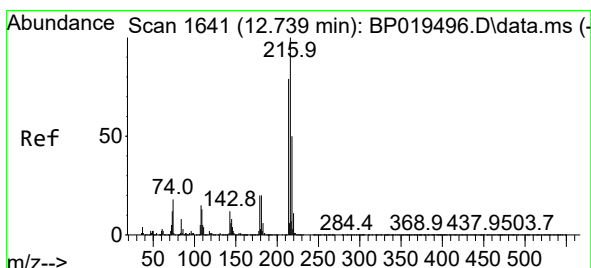
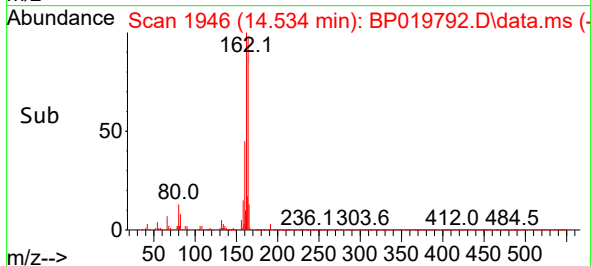
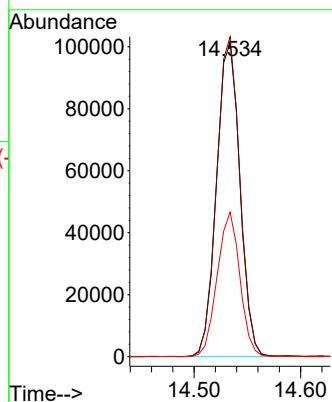
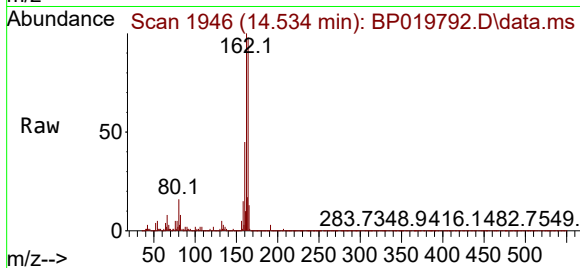
Tgt Ion:164 Resp: 153687

Ion Ratio Lower Upper

164 100

162 101.9 81.2 121.8

160 46.0 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.487 ng

RT: 12.722 min Scan# 1638

Delta R.T. -0.006 min

Lab File: BP019792.D

Acq: 20 Feb 2024 18:44

Tgt Ion:216 Resp: 293315

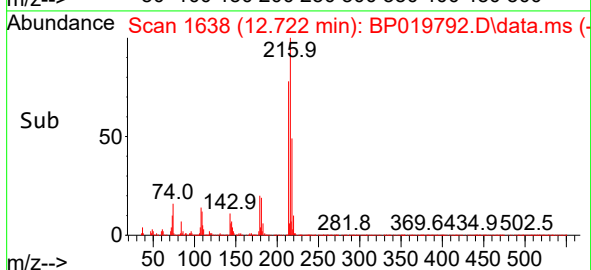
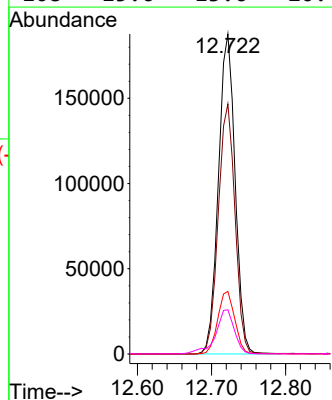
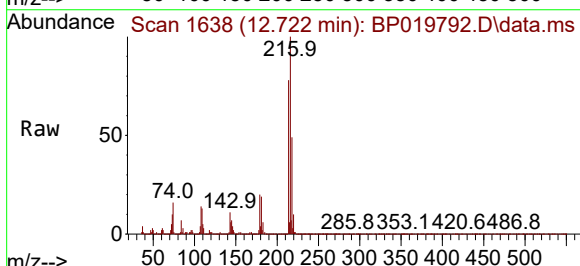
Ion Ratio Lower Upper

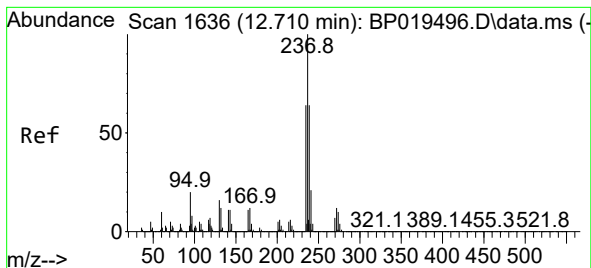
216 100

214 78.5 62.8 94.2

179 20.0 16.6 24.8

108 15.6 13.6 20.4





#41

Hexachlorocyclopentadiene

Concen: 59.966 ng

RT: 12.687 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019792.D

Acq: 20 Feb 2024 18:44

Instrument :

BNA_P

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD

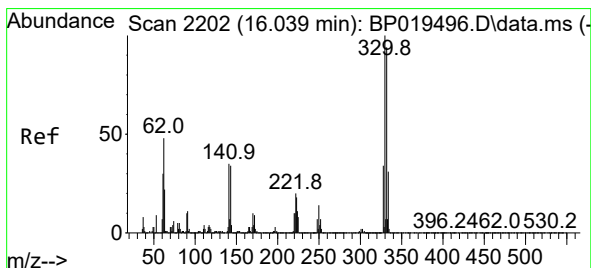
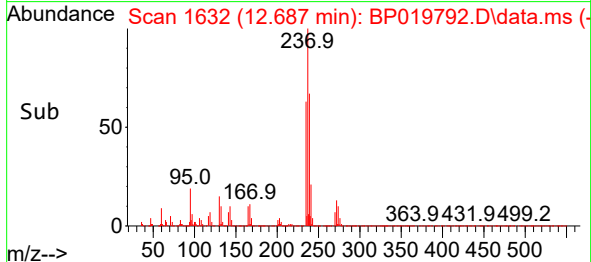
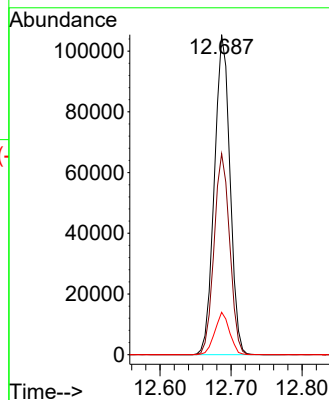
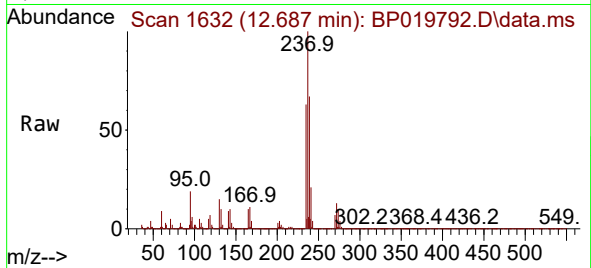
Tgt Ion:237 Resp: 160564

Ion Ratio Lower Upper

237 100

235 62.8 43.7 83.7

272 13.3 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 27.176 ng

RT: 16.028 min Scan# 2200

Delta R.T. -0.006 min

Lab File: BP019792.D

Acq: 20 Feb 2024 18:44

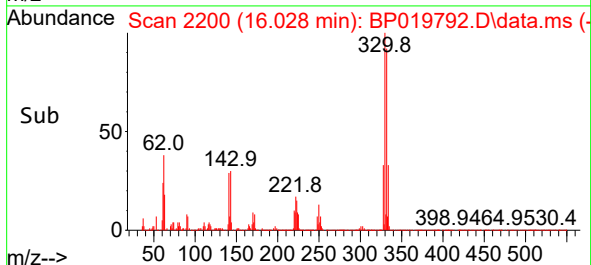
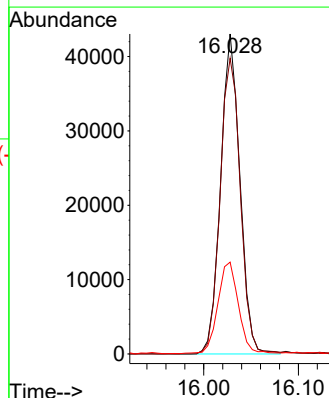
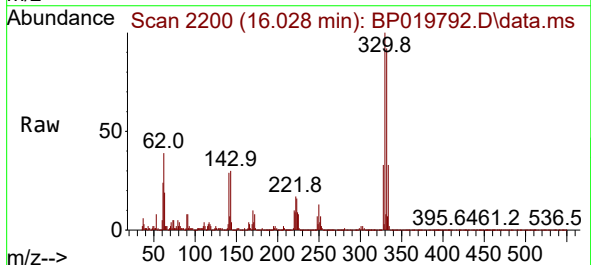
Tgt Ion:330 Resp: 60982

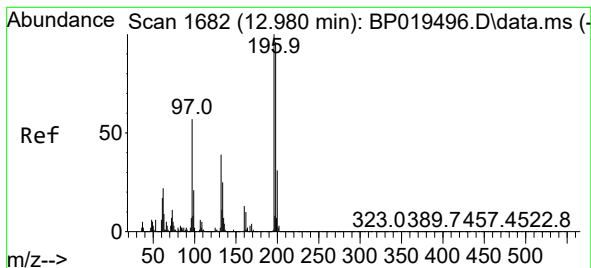
Ion Ratio Lower Upper

330 100

332 97.3 77.2 115.8

141 30.4 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 48.633 ng

RT: 12.969 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019792.D

Acq: 20 Feb 2024 18:44

Instrument :

BNA_P

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD

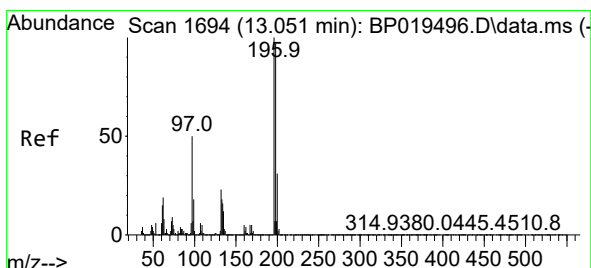
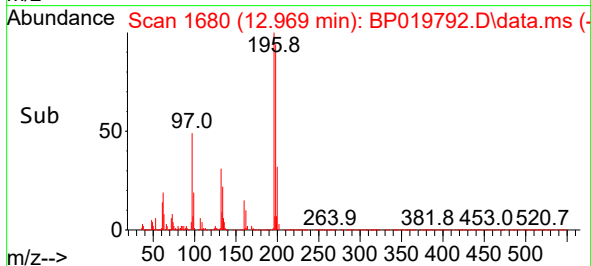
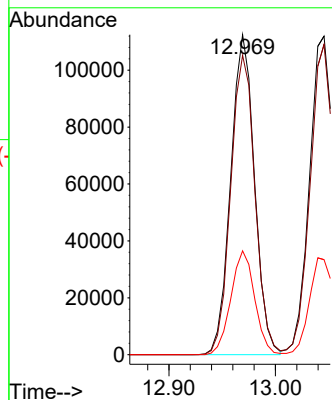
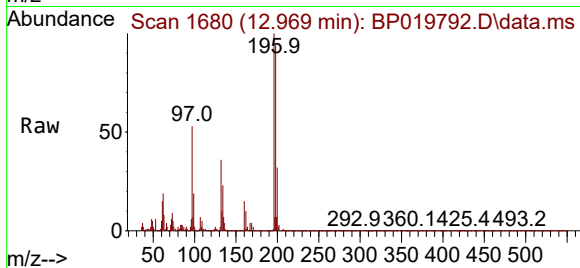
Tgt Ion:196 Resp: 174545

Ion Ratio Lower Upper

196 100

198 93.6 76.7 115.1

200 32.4 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 47.331 ng

RT: 13.046 min Scan# 1693

Delta R.T. 0.000 min

Lab File: BP019792.D

Acq: 20 Feb 2024 18:44

Tgt Ion:196 Resp: 186534

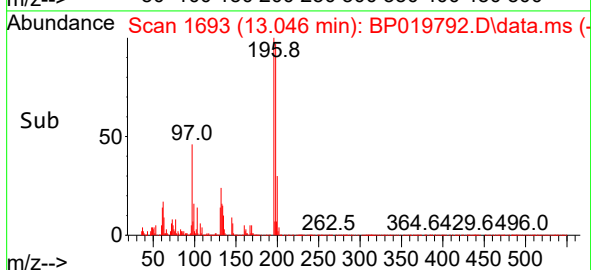
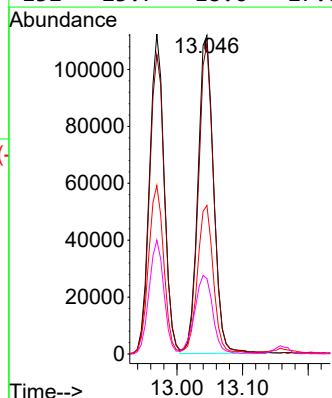
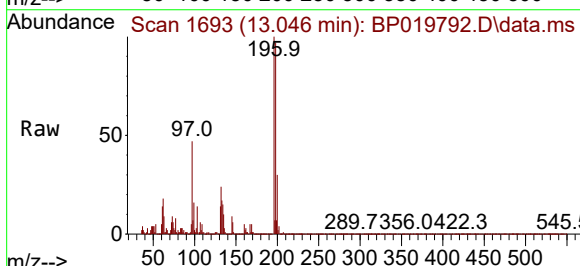
Ion Ratio Lower Upper

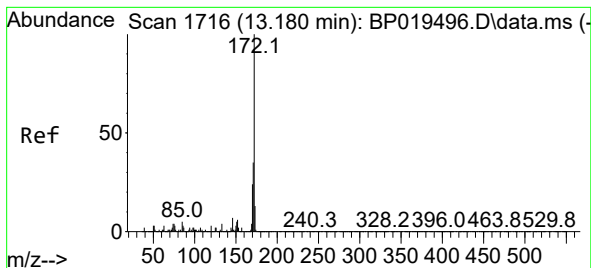
196 100

198 97.4 77.5 116.3

97 46.6 39.9 59.9

132 23.7 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 73.189 ng

RT: 13.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019792.D

Acq: 20 Feb 2024 18:44

Instrument :

BNA_P

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD

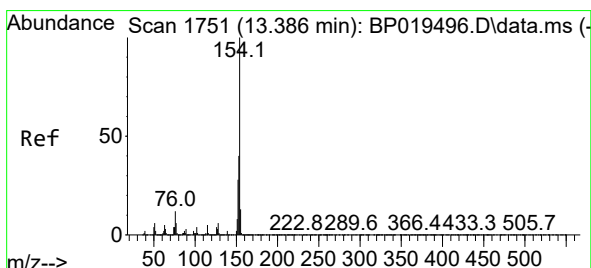
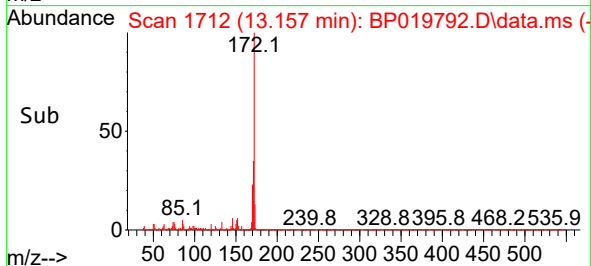
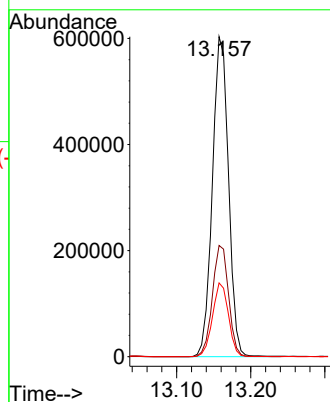
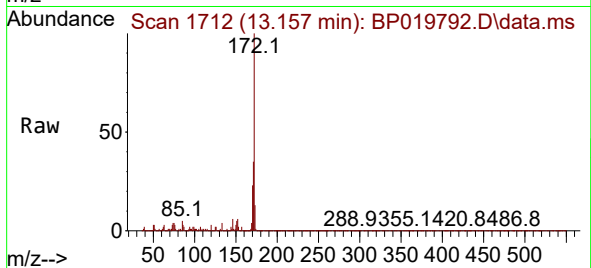
Tgt Ion:172 Resp: 909880

Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.4

170 23.1 18.9 28.3



#46

1,1'-Biphenyl

Concen: 45.045 ng

RT: 13.369 min Scan# 1748

Delta R.T. -0.006 min

Lab File: BP019792.D

Acq: 20 Feb 2024 18:44

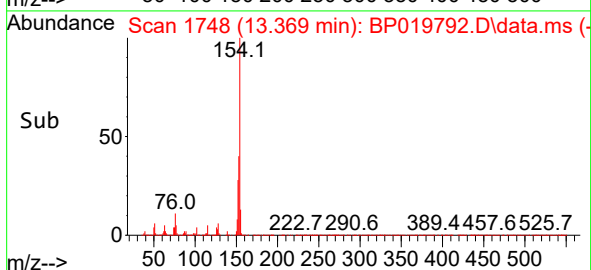
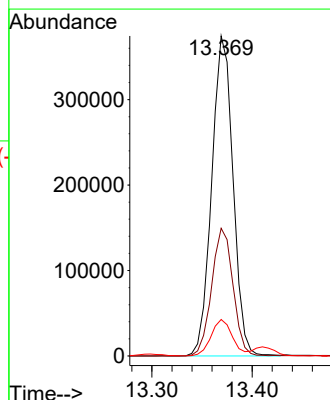
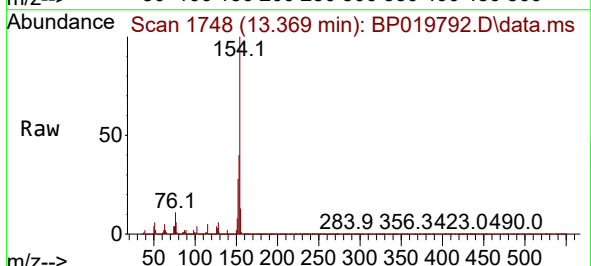
Tgt Ion:154 Resp: 552537

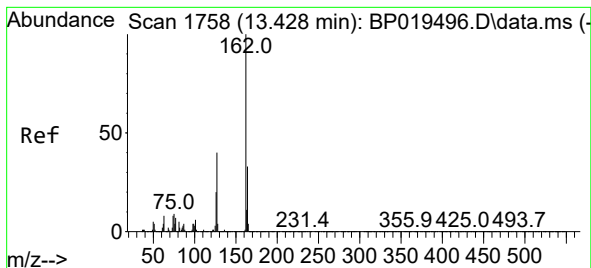
Ion Ratio Lower Upper

154 100

153 39.9 20.2 60.2

76 11.4 0.0 31.6





#47

2-Chloronaphthalene

Concen: 44.101 ng

RT: 13.410 min Scan# 1755

Delta R.T. -0.006 min

Lab File: BP019792.D

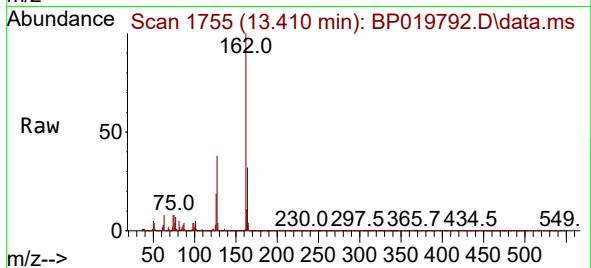
Acq: 20 Feb 2024 18:44

Instrument :

BNA_P

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD



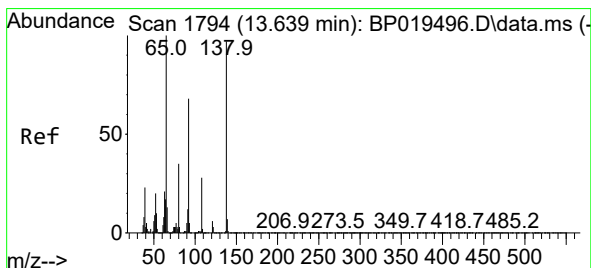
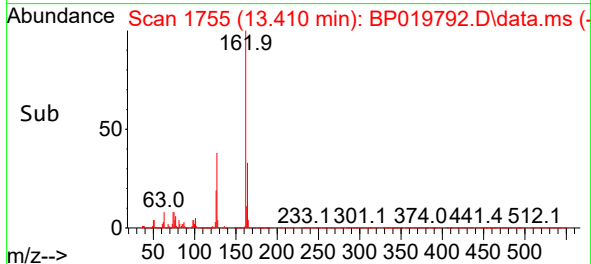
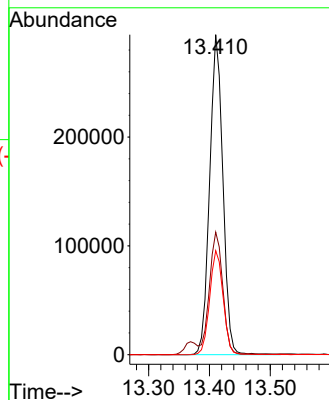
Tgt Ion:162 Resp: 444066

Ion Ratio Lower Upper

162 100

127 38.3 32.1 48.1

164 32.5 26.7 40.1



#48

2-Nitroaniline

Concen: 47.581 ng

RT: 13.628 min Scan# 1792

Delta R.T. 0.000 min

Lab File: BP019792.D

Acq: 20 Feb 2024 18:44

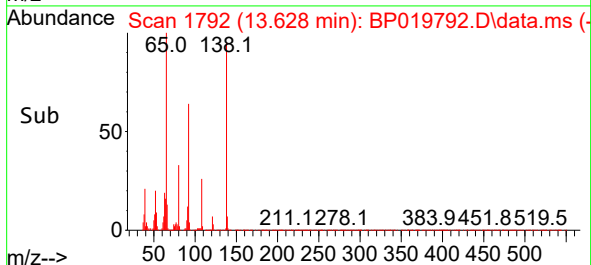
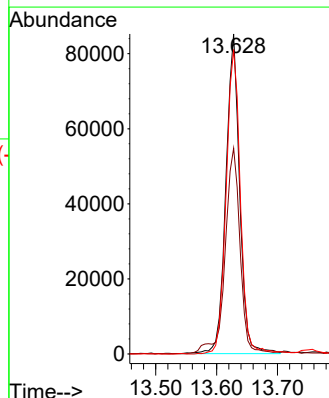
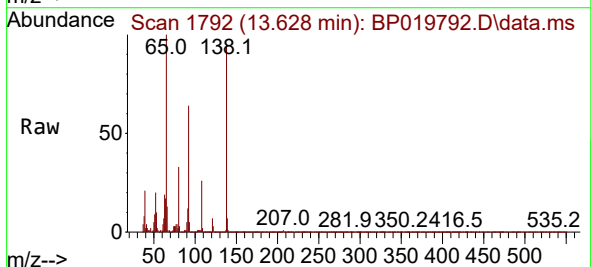
Tgt Ion: 65 Resp: 133968

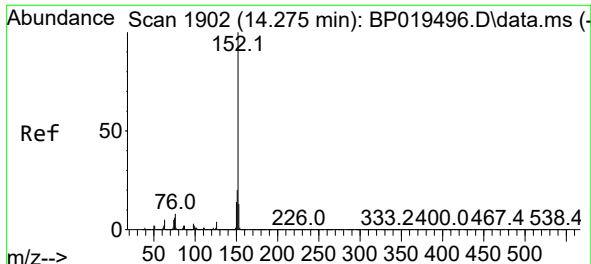
Ion Ratio Lower Upper

65 100

92 64.3 54.7 82.1

138 95.1 77.8 116.6

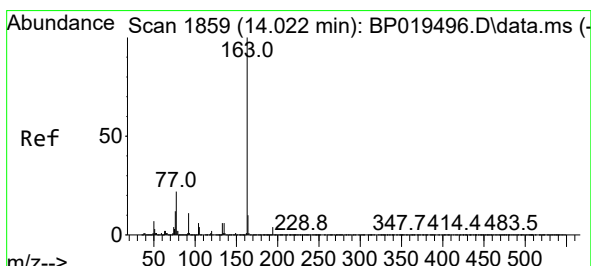
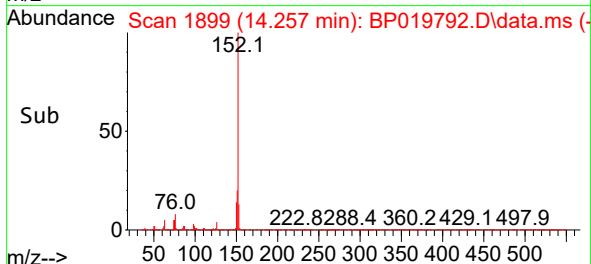
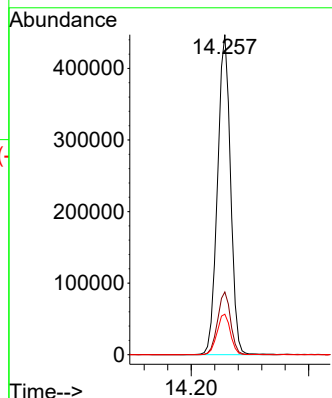
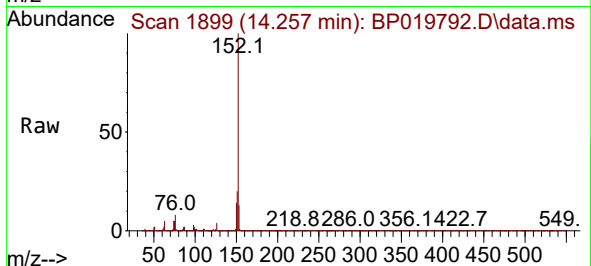




#49
Acenaphthylene
Concen: 48.558 ng
RT: 14.257 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BP019792.D
Acq: 20 Feb 2024 18:44

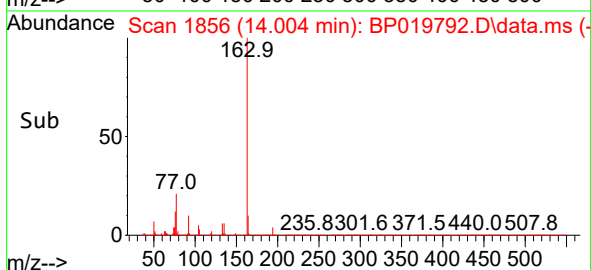
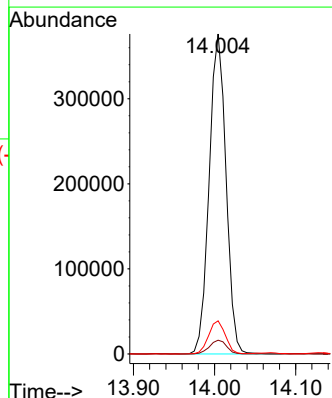
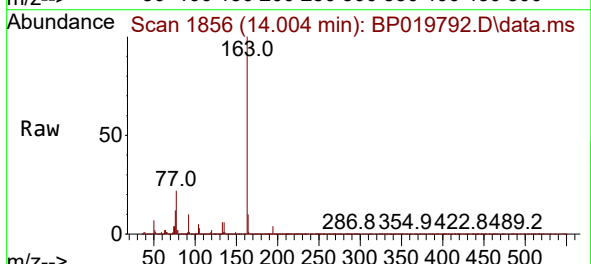
Instrument :
BNA_P
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

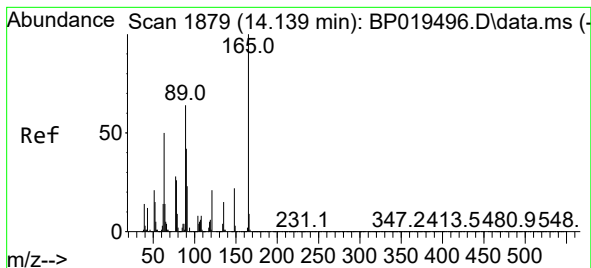
Tgt Ion:152 Resp: 685959
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.6
153 12.6 10.6 15.8



#50
Dimethylphthalate
Concen: 45.952 ng
RT: 14.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BP019792.D
Acq: 20 Feb 2024 18:44

Tgt Ion:163 Resp: 540629
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.4 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 45.410 ng

RT: 14.128 min Scan# 1879

Delta R.T. -0.006 min

Lab File: BP019792.D

Acq: 20 Feb 2024 18:44

Instrument :

BNA_P

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD

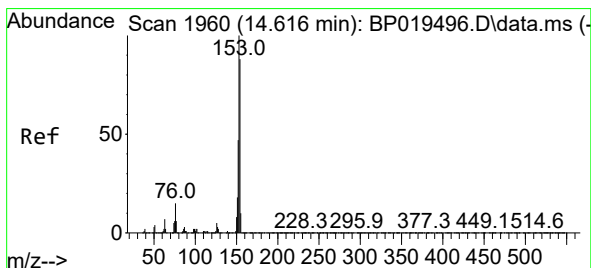
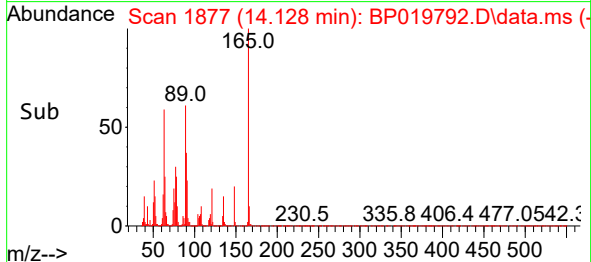
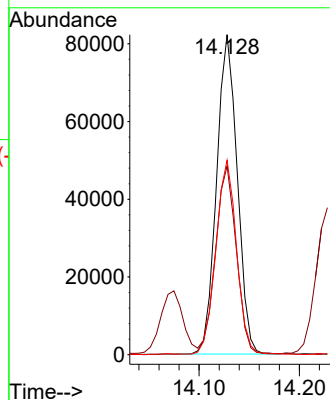
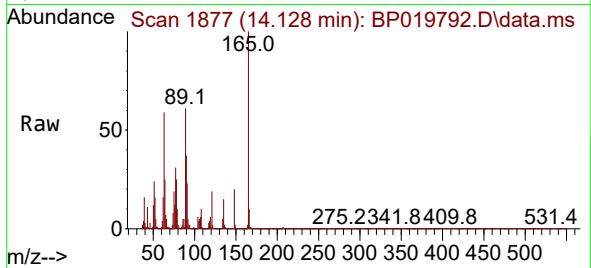
Tgt Ion:165 Resp: 117381

Ion Ratio Lower Upper

165 100

63 59.0 50.4 75.6

89 60.8 51.7 77.5



#52

Acenaphthene

Concen: 44.586 ng

RT: 14.598 min Scan# 1957

Delta R.T. -0.006 min

Lab File: BP019792.D

Acq: 20 Feb 2024 18:44

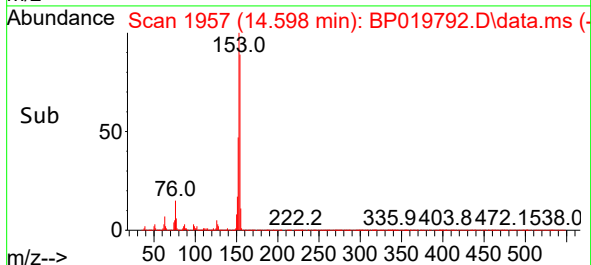
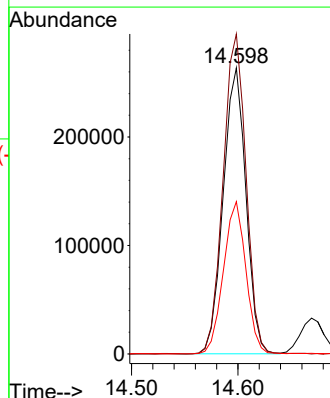
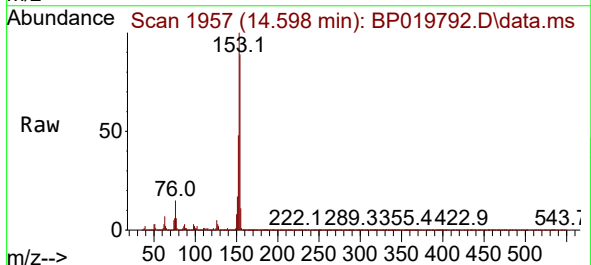
Tgt Ion:154 Resp: 390921

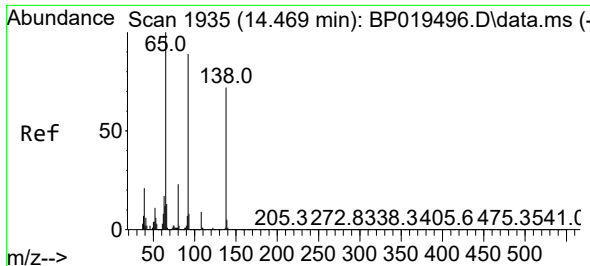
Ion Ratio Lower Upper

154 100

153 111.8 90.5 135.7

152 53.2 42.1 63.1

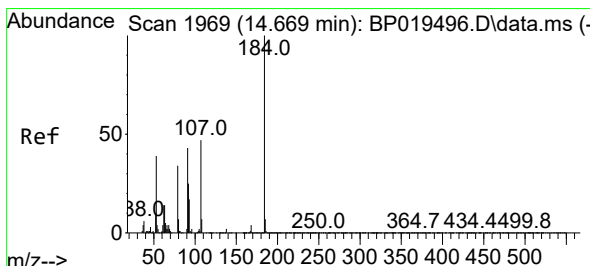
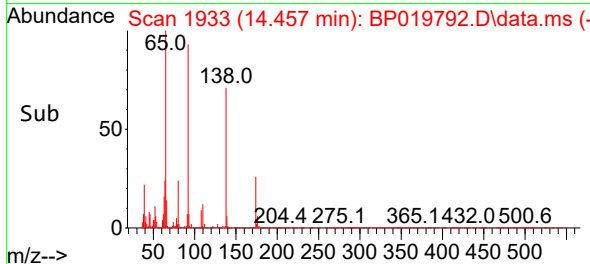
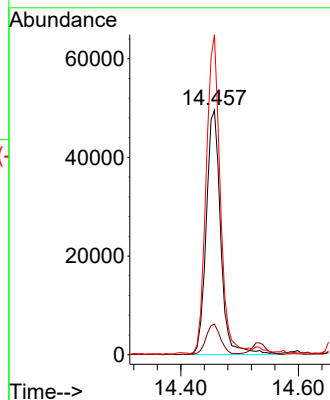
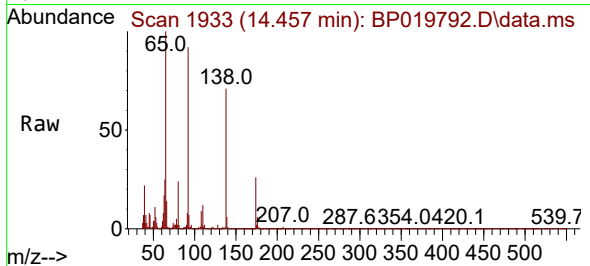




#53
3-Nitroaniline
Concen: 35.585 ng
RT: 14.457 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BP019792.D
Acq: 20 Feb 2024 18:44

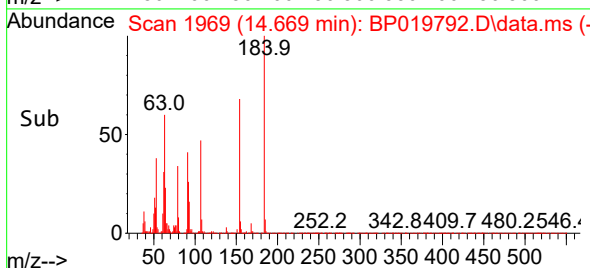
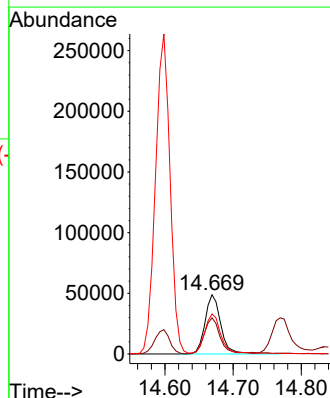
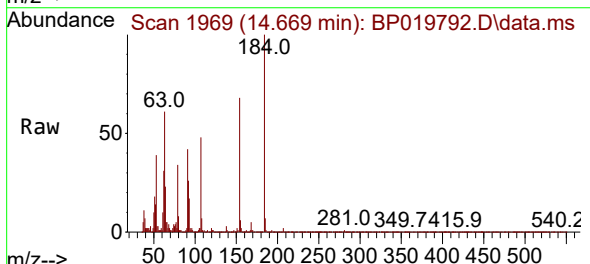
Instrument :
BNA_P
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

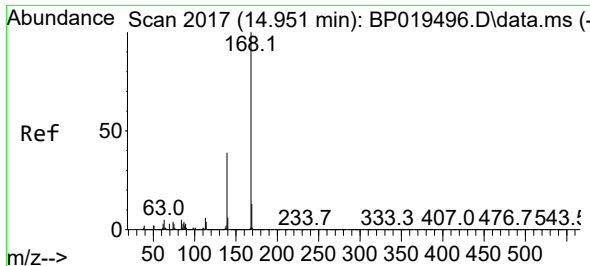
Tgt Ion:138 Resp: 84534
Ion Ratio Lower Upper
138 100
108 12.6 9.7 14.5
92 130.9 98.0 147.0



#54
2,4-Dinitrophenol
Concen: 59.223 ng
RT: 14.669 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BP019792.D
Acq: 20 Feb 2024 18:44

Tgt Ion:184 Resp: 79484
Ion Ratio Lower Upper
184 100
63 61.1 50.5 75.7
154 67.6 53.4 80.0

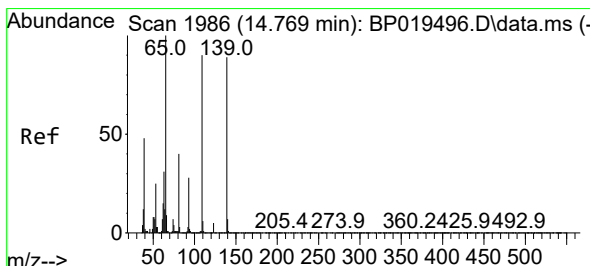
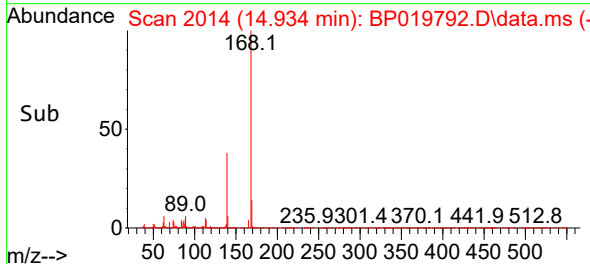
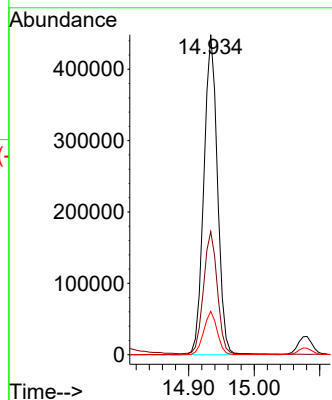
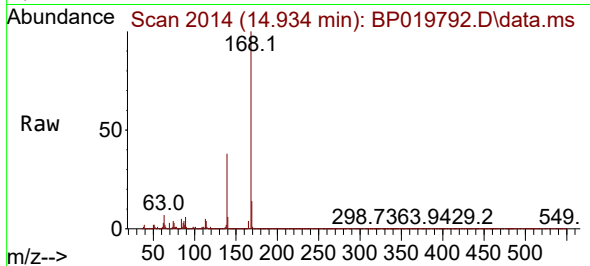




#55
Dibenzofuran
Concen: 45.417 ng
RT: 14.934 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BP019792.D
Acq: 20 Feb 2024 18:44

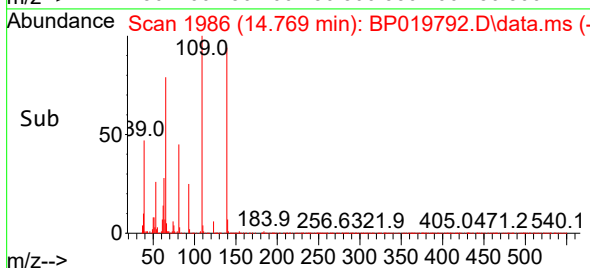
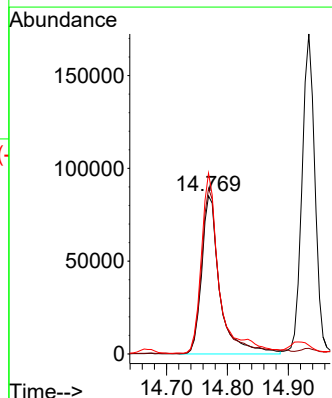
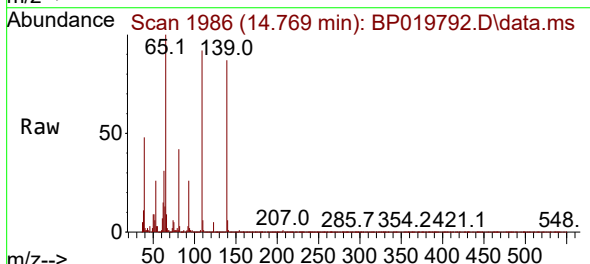
Instrument :
BNA_P
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

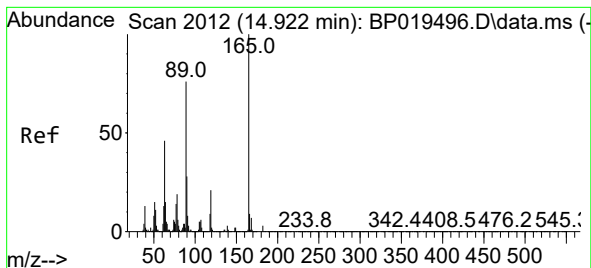
Tgt Ion:168 Resp: 648563
Ion Ratio Lower Upper
168 100
139 38.4 31.5 47.3
169 13.6 10.3 15.5



#56
4-Nitrophenol
Concen: 90.736 ng
RT: 14.769 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BP019792.D
Acq: 20 Feb 2024 18:44

Tgt Ion:139 Resp: 176669
Ion Ratio Lower Upper
139 100
109 104.7 82.0 122.0
65 114.3 92.9 132.9

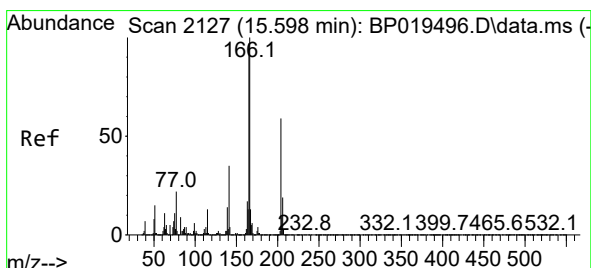
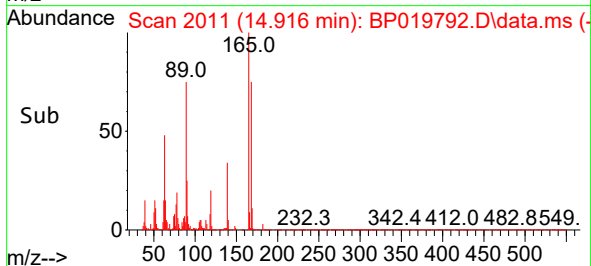
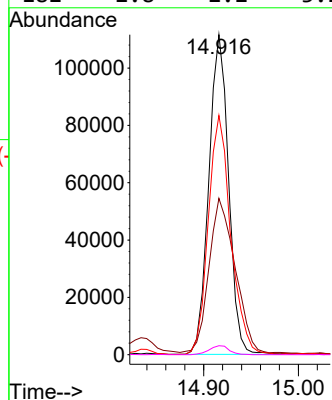
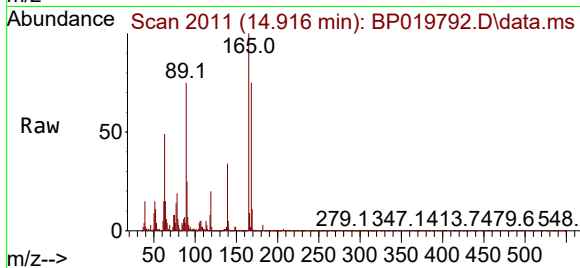




#57
2,4-Dinitrotoluene
Concen: 47.755 ng
RT: 14.916 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BP019792.D
Acq: 20 Feb 2024 18:44

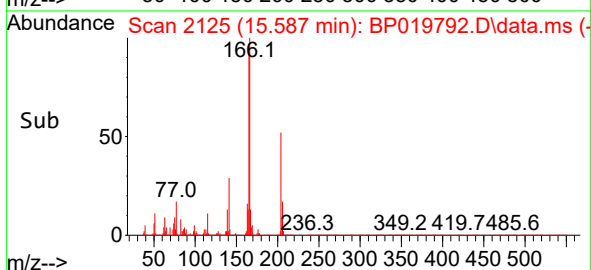
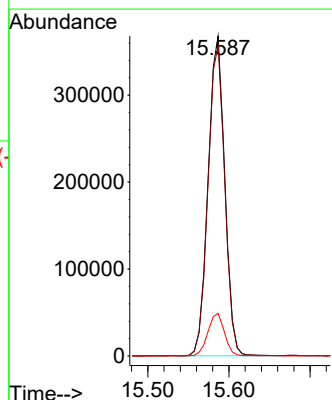
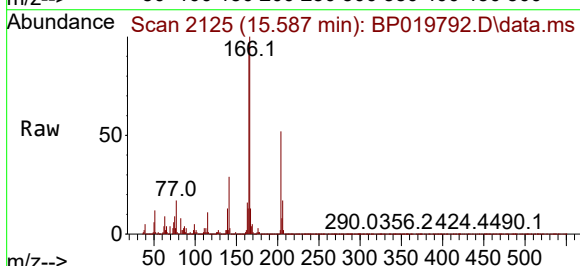
Instrument :
BNA_P
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

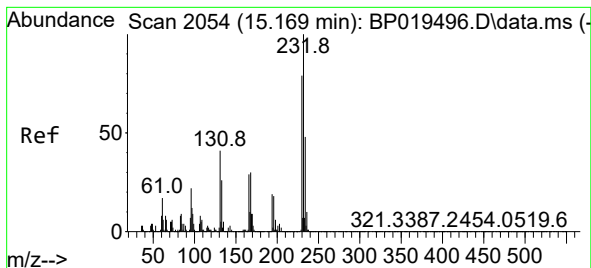
Tgt Ion:165 Resp: 161763
Ion Ratio Lower Upper
165 100
63 48.9 36.9 55.3
89 74.7 61.1 91.7
182 2.8 2.2 3.2



#58
Fluorene
Concen: 46.006 ng
RT: 15.587 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BP019792.D
Acq: 20 Feb 2024 18:44

Tgt Ion:166 Resp: 523263
Ion Ratio Lower Upper
166 100
165 97.0 77.8 116.8
167 13.3 10.7 16.1

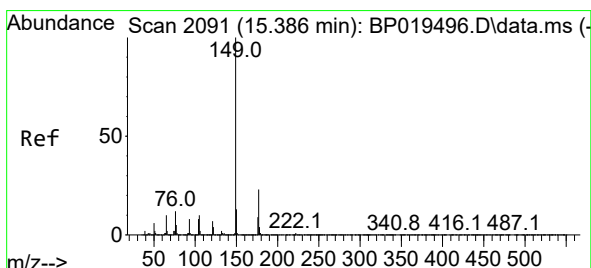
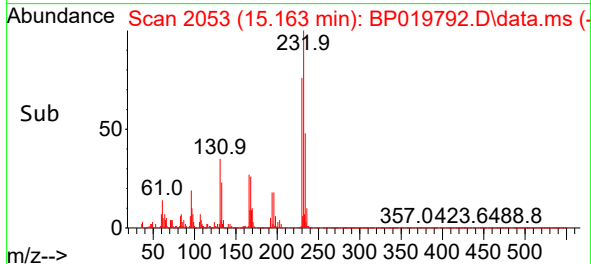
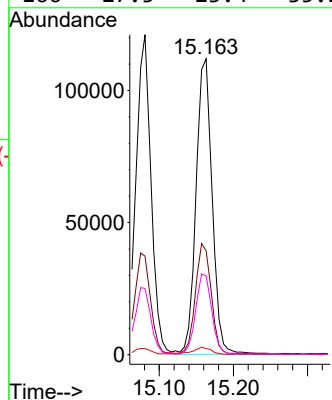
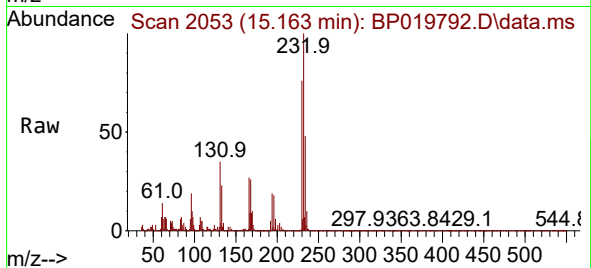




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.811 ng
RT: 15.163 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BP019792.D
Acq: 20 Feb 2024 18:44

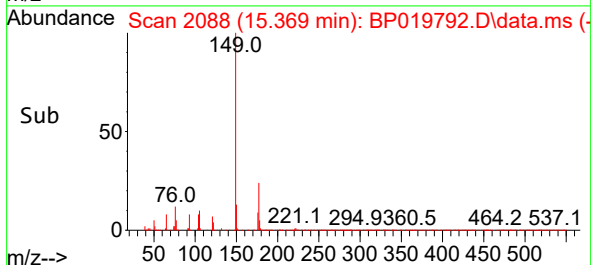
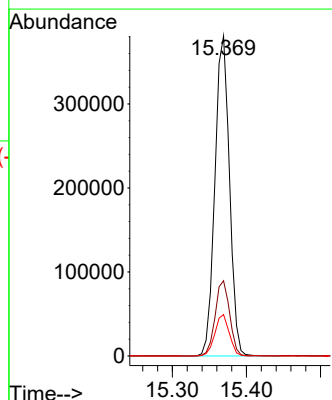
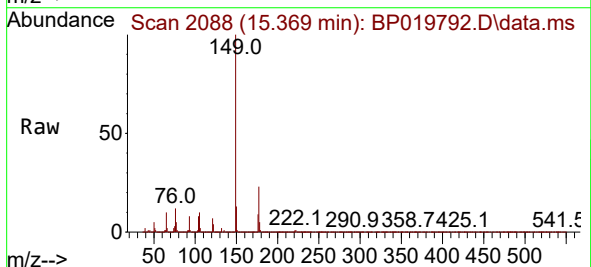
Instrument :
BNA_P
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

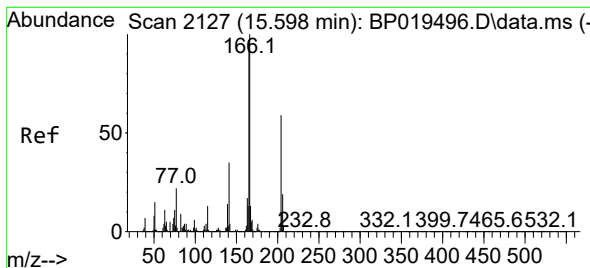
Tgt Ion:232 Resp: 168434
Ion Ratio Lower Upper
232 100
131 36.6 32.4 48.6
130 2.9 1.9 2.9#
166 27.5 23.4 35.2



#60
Diethylphthalate
Concen: 44.391 ng
RT: 15.369 min Scan# 2088
Delta R.T. -0.006 min
Lab File: BP019792.D
Acq: 20 Feb 2024 18:44

Tgt Ion:149 Resp: 519475
Ion Ratio Lower Upper
149 100
177 23.5 18.2 27.2
150 12.9 10.2 15.4

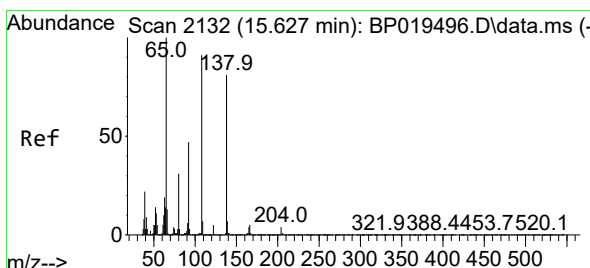
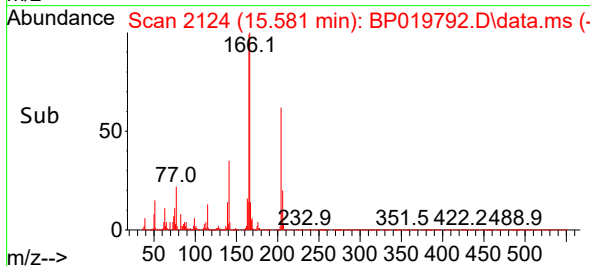
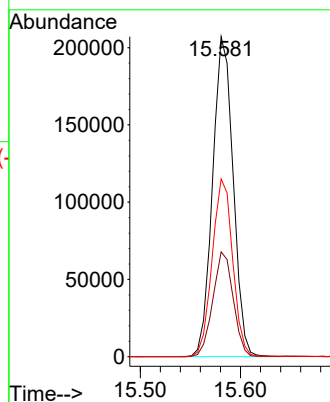
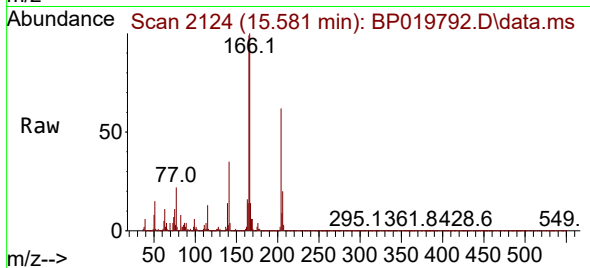




#61
4-Chlorophenyl-phenylether
Concen: 46.183 ng
RT: 15.581 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BP019792.D
Acq: 20 Feb 2024 18:44

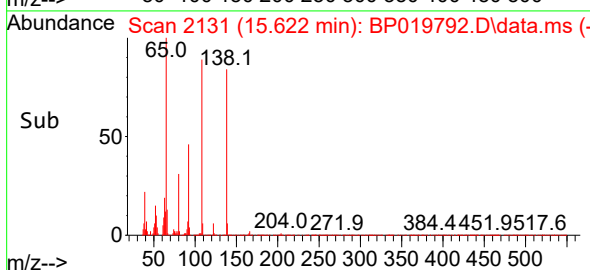
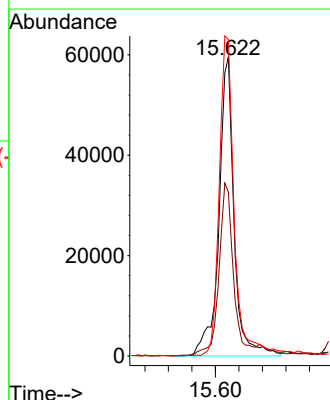
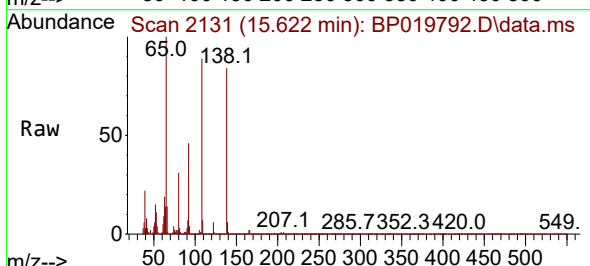
Instrument : BNA_P
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD

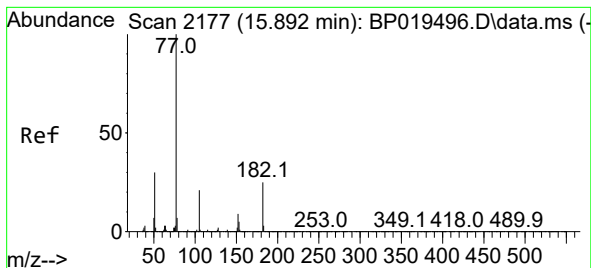
Tgt Ion:204 Resp: 295234
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 55.6 48.5 72.7



#62
4-Nitroaniline
Concen: 42.788 ng
RT: 15.622 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BP019792.D
Acq: 20 Feb 2024 18:44

Tgt Ion:138 Resp: 106541
Ion Ratio Lower Upper
138 100
92 54.9 38.3 78.3
108 105.9 91.2 131.2





#63

Azobenzene

Concen: 42.824 ng

RT: 15.875 min Scan# 2174

Delta R.T. -0.006 min

Lab File: BP019792.D

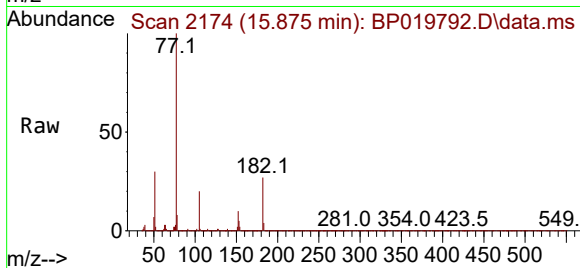
Acq: 20 Feb 2024 18:44

Instrument :

BNA_P

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD



Tgt Ion: 77 Resp: 484607

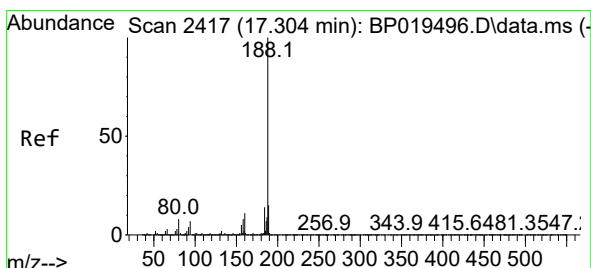
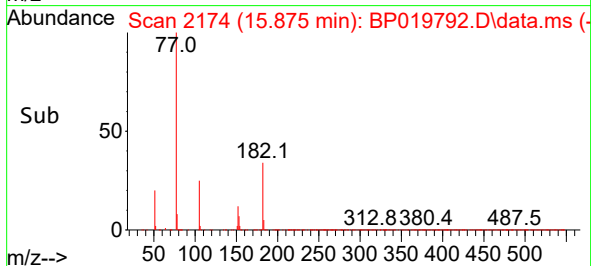
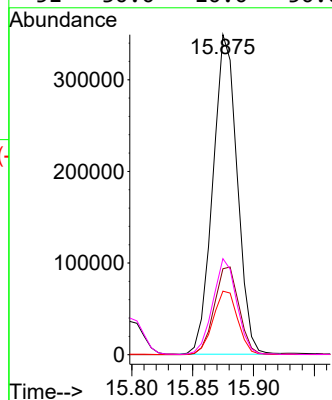
Ion Ratio Lower Upper

77 100

182 26.8 5.1 45.1

105 19.8 0.8 40.8

51 30.0 10.0 50.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.292 min Scan# 2415

Delta R.T. 0.000 min

Lab File: BP019792.D

Acq: 20 Feb 2024 18:44

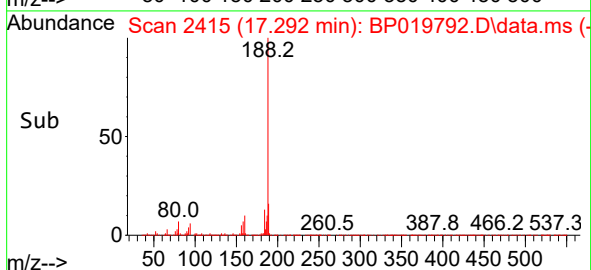
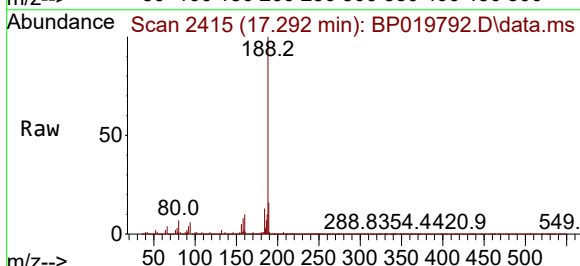
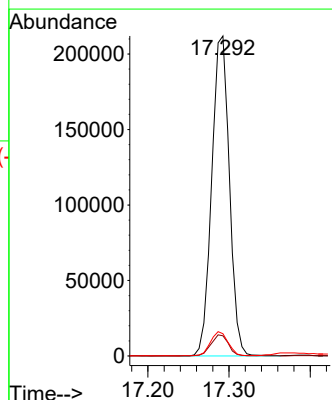
Tgt Ion:188 Resp: 320464

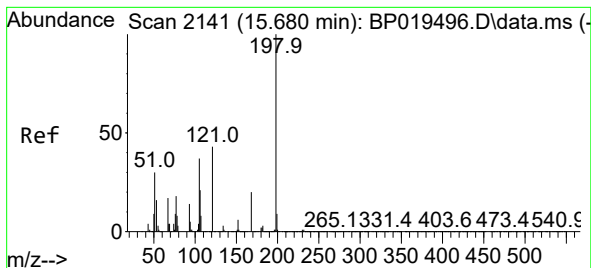
Ion Ratio Lower Upper

188 100

94 6.3 5.4 8.2

80 6.9 6.3 9.5

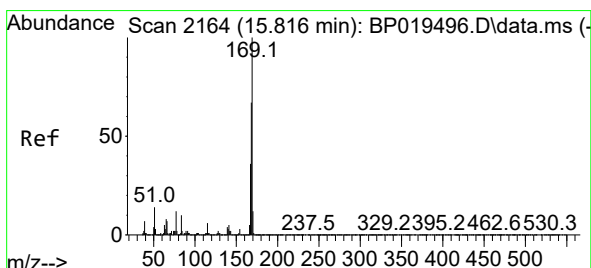
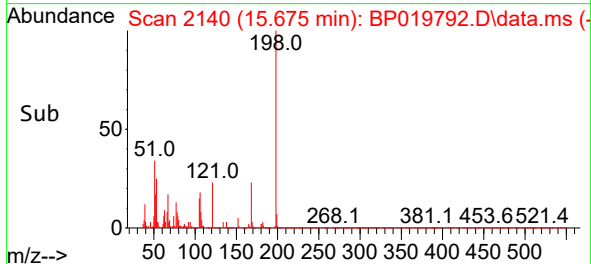
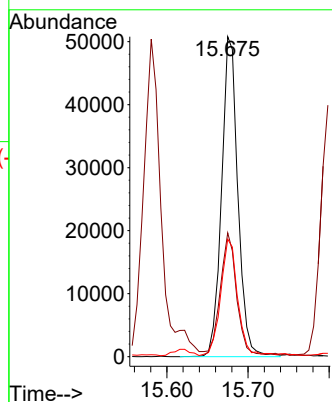
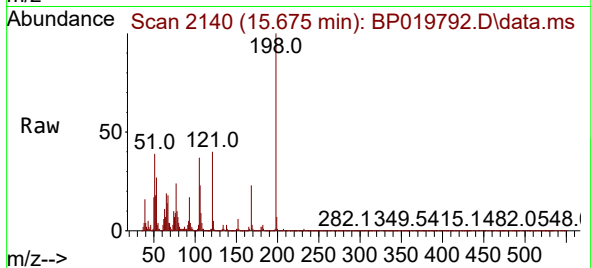




#65
4,6-Dinitro-2-methylphenol
Concen: 38.847 ng
RT: 15.675 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BP019792.D
Acq: 20 Feb 2024 18:44

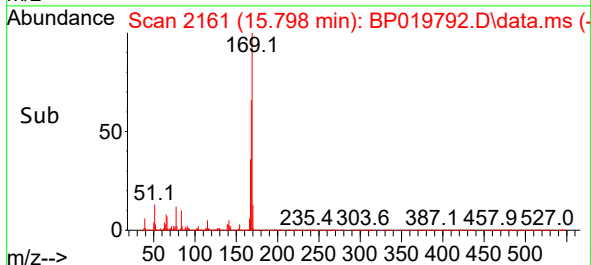
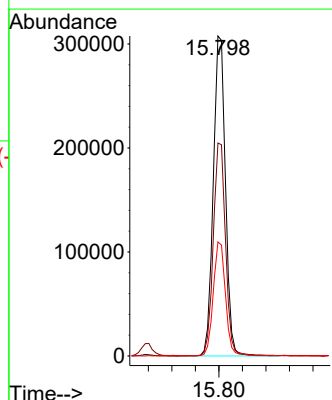
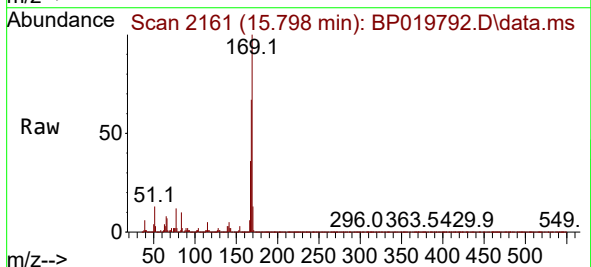
Instrument : BNA_P
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD

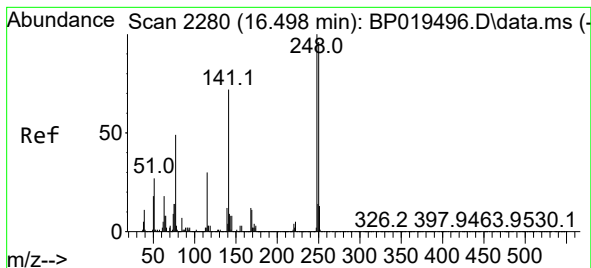
Tgt Ion:198 Resp: 70986
Ion Ratio Lower Upper
198 100
51 38.7 21.2 61.2
105 36.7 19.1 59.1



#66
n-Nitrosodiphenylamine
Concen: 46.004 ng
RT: 15.798 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BP019792.D
Acq: 20 Feb 2024 18:44

Tgt Ion:169 Resp: 441528
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.2
167 35.7 28.9 43.3

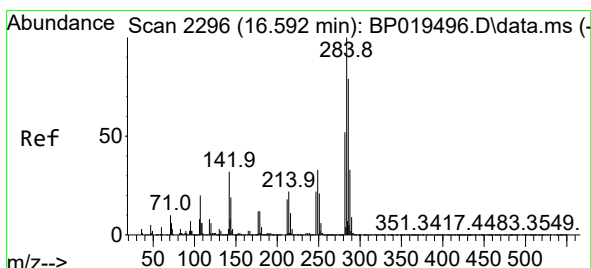
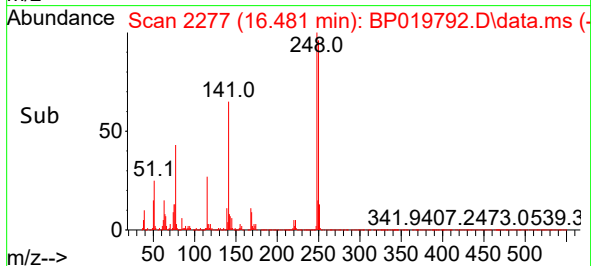
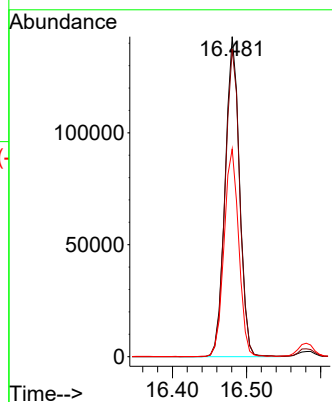
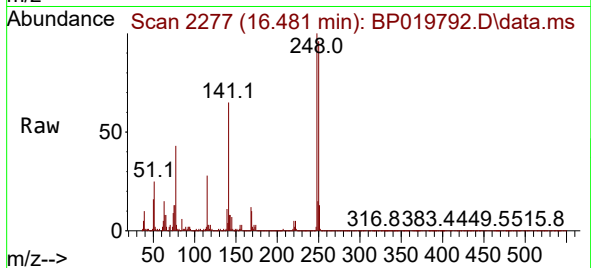




#67
4-Bromophenyl-phenylether
Concen: 48.302 ng
RT: 16.481 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019792.D
Acq: 20 Feb 2024 18:44

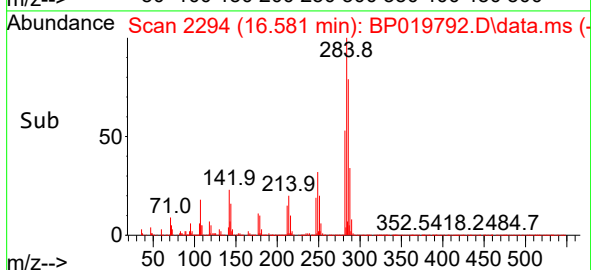
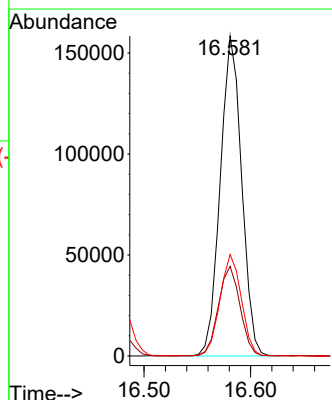
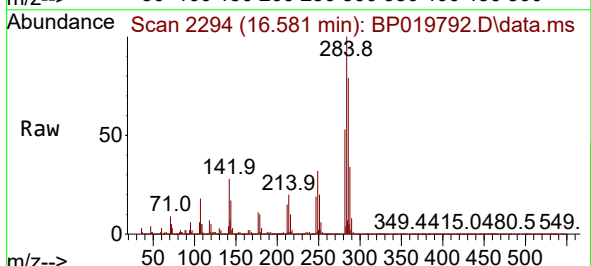
Instrument :
BNA_P
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

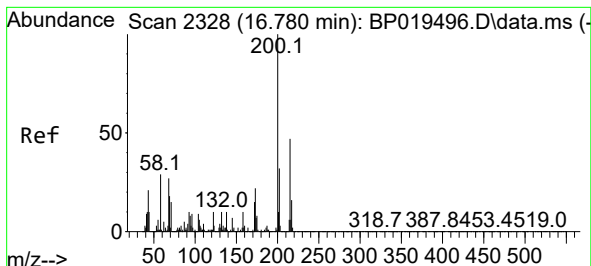
Tgt Ion:248 Resp: 193508
Ion Ratio Lower Upper
248 100
250 96.1 76.9 115.3
141 64.9 58.0 87.0



#68
Hexachlorobenzene
Concen: 47.156 ng
RT: 16.581 min Scan# 2294
Delta R.T. -0.006 min
Lab File: BP019792.D
Acq: 20 Feb 2024 18:44

Tgt Ion:284 Resp: 220611
Ion Ratio Lower Upper
284 100
142 28.0 25.4 38.2
249 31.7 26.5 39.7





#69

Atrazine

Concen: 52.160 ng

RT: 16.763 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019792.D

Acq: 20 Feb 2024 18:44

Instrument :

BNA_P

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD

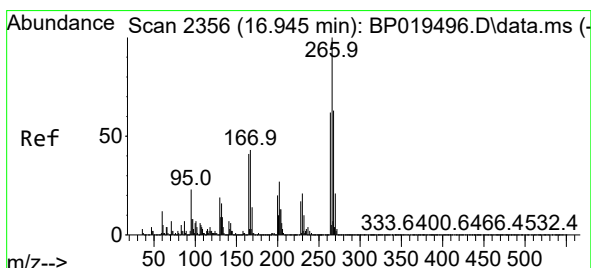
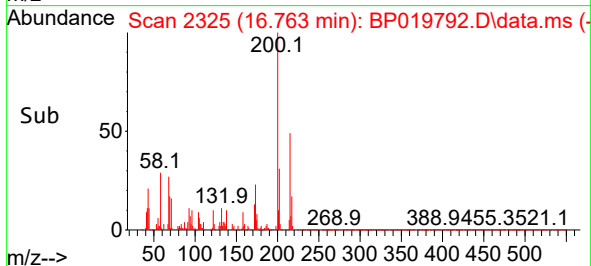
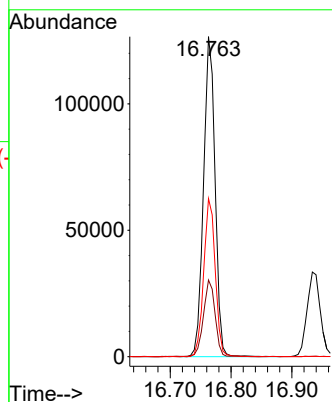
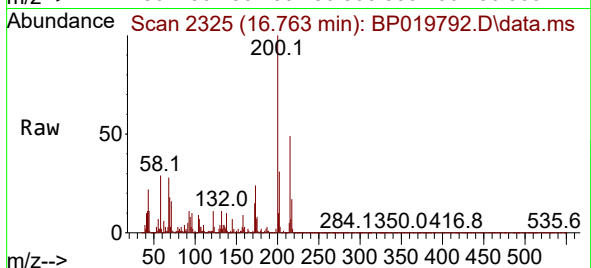
Tgt Ion:200 Resp: 166120

Ion Ratio Lower Upper

200 100

173 24.0 1.7 41.7

215 49.4 26.9 66.9



#70

Pentachlorophenol

Concen: 95.368 ng

RT: 16.934 min Scan# 2354

Delta R.T. -0.006 min

Lab File: BP019792.D

Acq: 20 Feb 2024 18:44

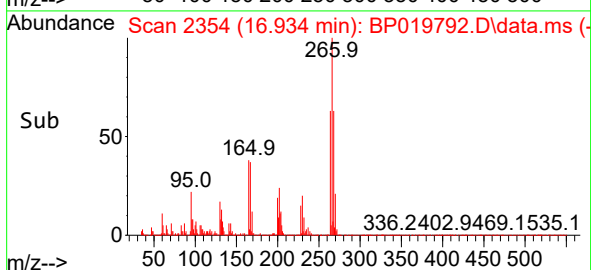
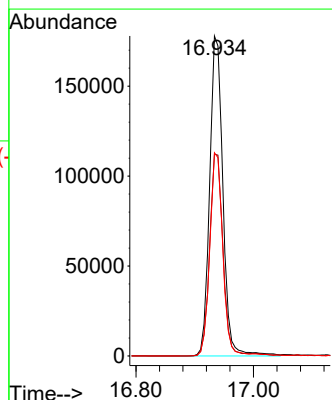
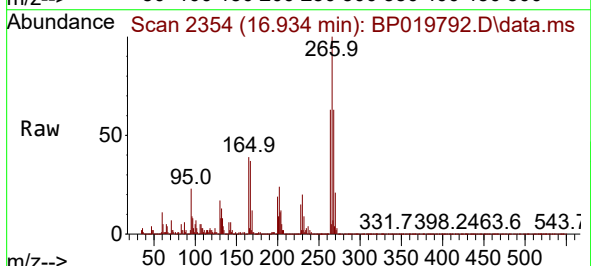
Tgt Ion:266 Resp: 277846

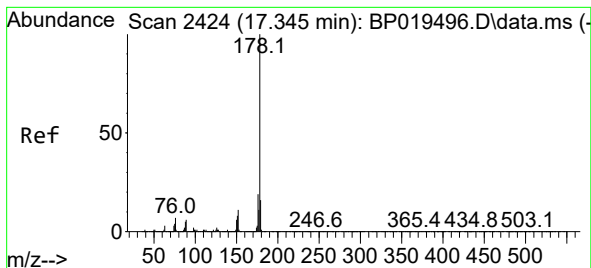
Ion Ratio Lower Upper

266 100

268 63.1 50.3 75.5

264 63.5 49.7 74.5





#71

Phenanthrene

Concen: 47.300 ng

RT: 17.334 min Scan# 2424

Delta R.T. -0.006 min

Lab File: BP019792.D

Acq: 20 Feb 2024 18:44

Instrument :

BNA_P

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD

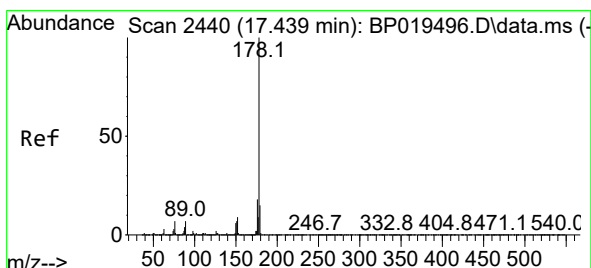
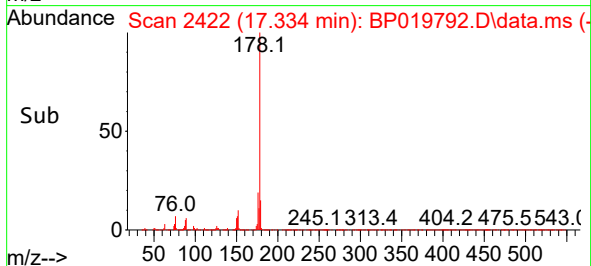
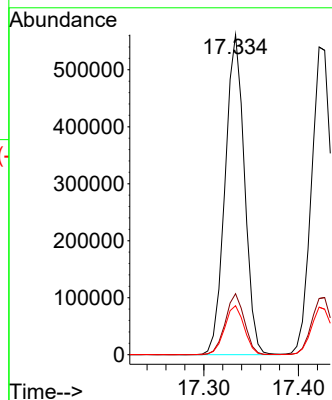
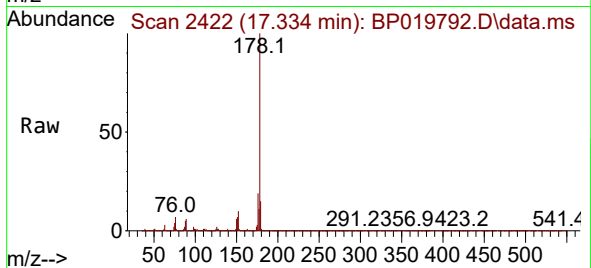
Tgt Ion:178 Resp: 797706

Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

179 15.3 12.6 19.0



#72

Anthracene

Concen: 47.944 ng

RT: 17.422 min Scan# 2437

Delta R.T. -0.006 min

Lab File: BP019792.D

Acq: 20 Feb 2024 18:44

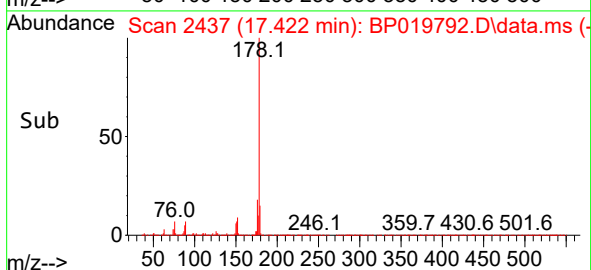
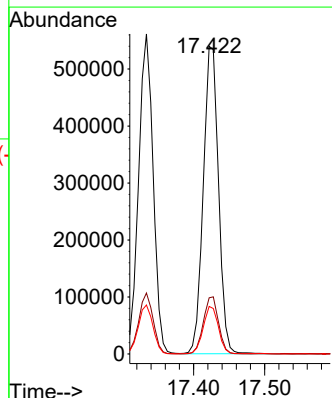
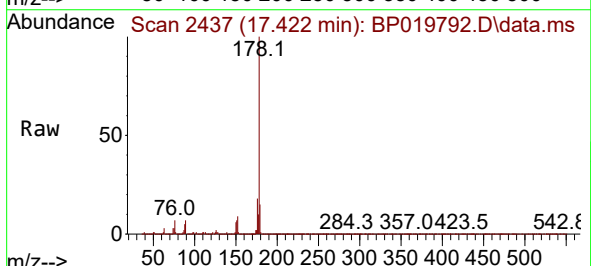
Tgt Ion:178 Resp: 806592

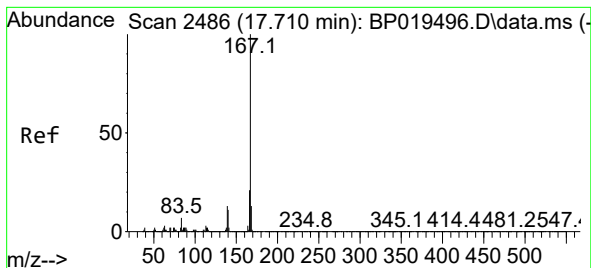
Ion Ratio Lower Upper

178 100

176 18.3 14.7 22.1

179 15.4 12.2 18.2





#73

Carbazole

Concen: 46.570 ng

RT: 17.698 min Scan# 2486

Delta R.T. -0.012 min

Lab File: BP019792.D

Acq: 20 Feb 2024 18:44

Instrument :

BNA_P

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD

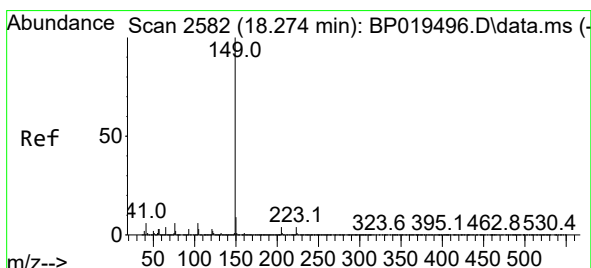
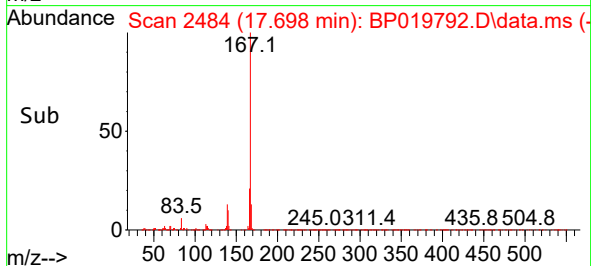
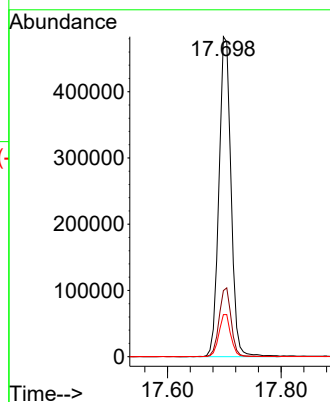
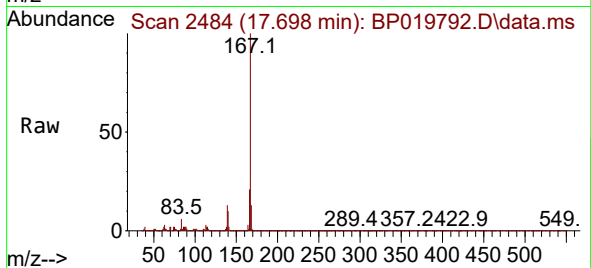
Tgt Ion:167 Resp: 711754

Ion Ratio Lower Upper

167 100

166 20.7 17.2 25.8

139 13.2 10.6 15.8



#74

Di-n-butylphthalate

Concen: 45.046 ng

RT: 18.257 min Scan# 2579

Delta R.T. -0.006 min

Lab File: BP019792.D

Acq: 20 Feb 2024 18:44

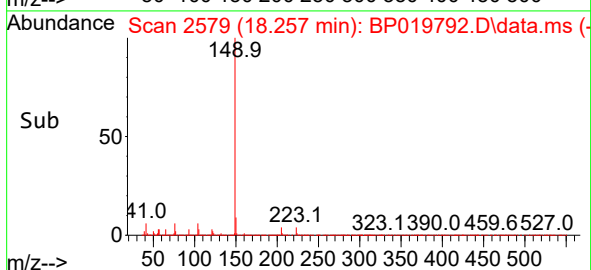
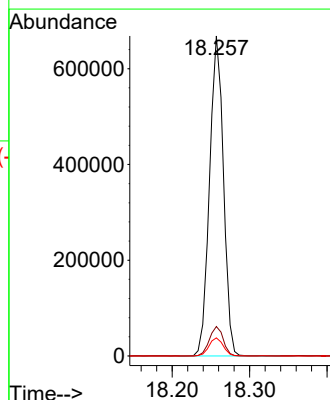
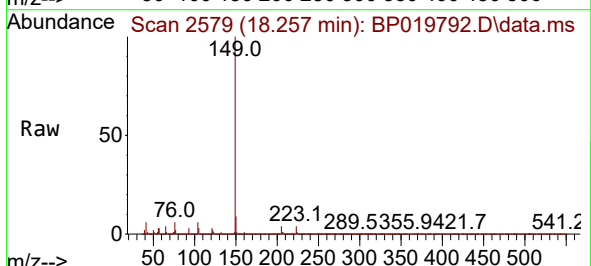
Tgt Ion:149 Resp: 832432

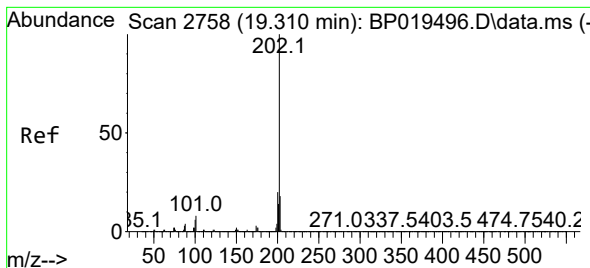
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 5.6 4.8 7.2





#75

Fluoranthene

Concen: 50.335 ng

RT: 19.304 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019792.D

Acq: 20 Feb 2024 18:44

Instrument :

BNA_P

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD

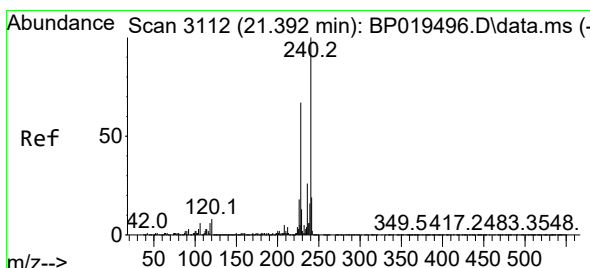
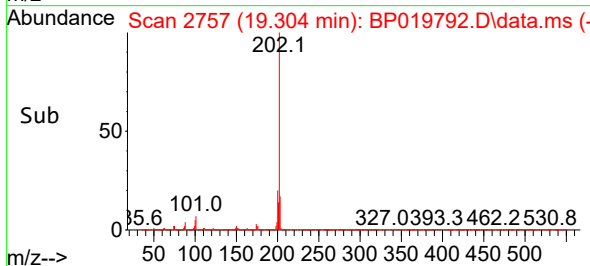
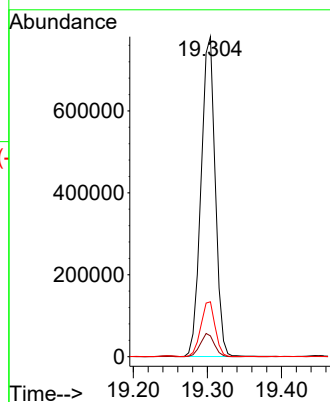
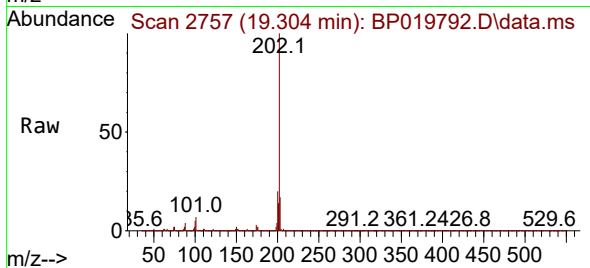
Tgt Ion:202 Resp: 1037016

Ion Ratio Lower Upper

202 100

101 6.5 0.0 27.7

203 17.1 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.380 min Scan# 3110

Delta R.T. -0.012 min

Lab File: BP019792.D

Acq: 20 Feb 2024 18:44

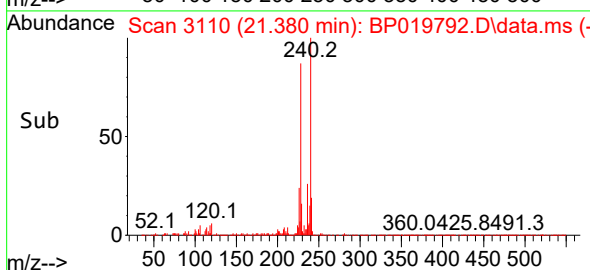
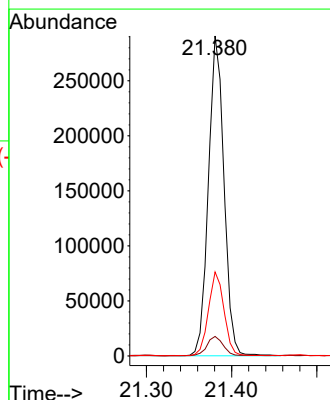
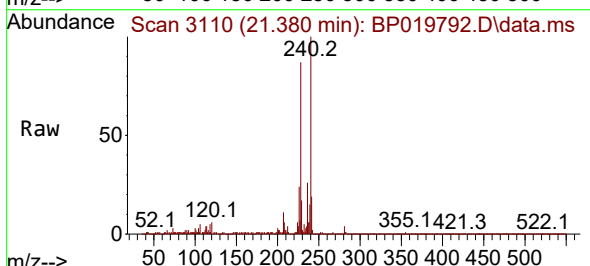
Tgt Ion:240 Resp: 368987

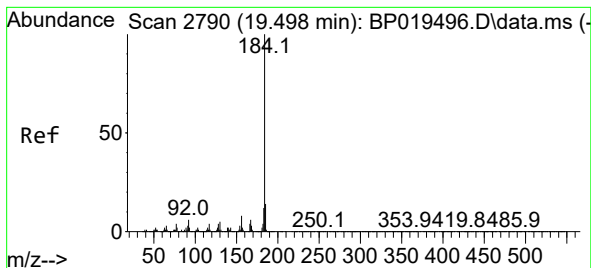
Ion Ratio Lower Upper

240 100

120 6.1 6.1 9.1

236 26.3 20.7 31.1





#77

Benzidine

Concen: 51.209 ng

RT: 19.492 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019792.D

Acq: 20 Feb 2024 18:44

Instrument :

BNA_P

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD

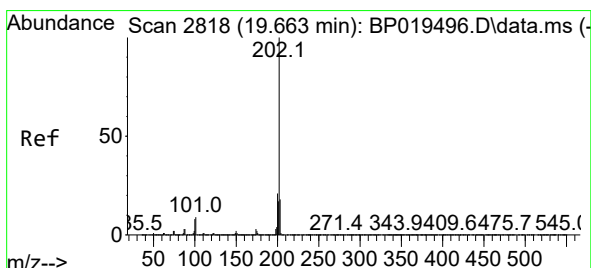
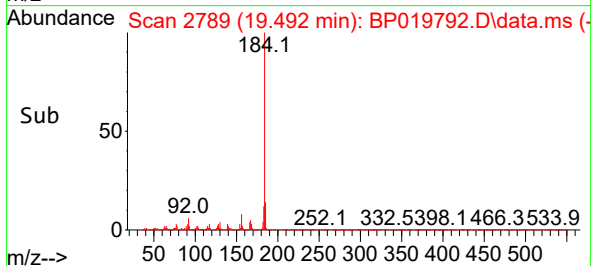
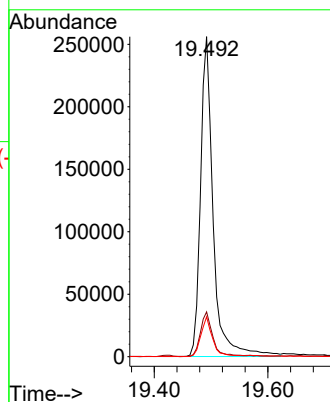
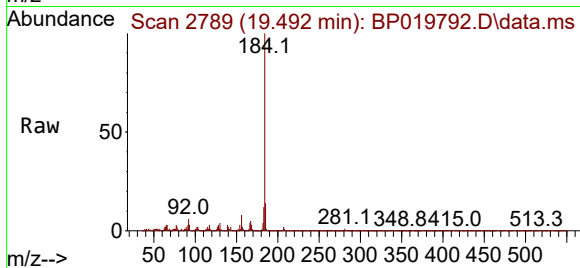
Tgt Ion:184 Resp: 395043

Ion Ratio Lower Upper

184 100

185 14.0 11.1 16.7

183 12.5 9.7 14.5



#78

Pyrene

Concen: 42.069 ng

RT: 19.651 min Scan# 2816

Delta R.T. -0.006 min

Lab File: BP019792.D

Acq: 20 Feb 2024 18:44

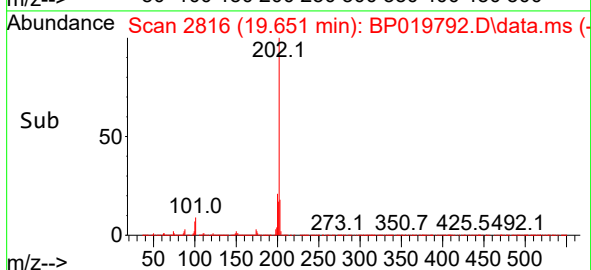
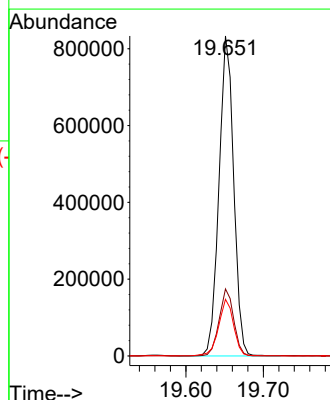
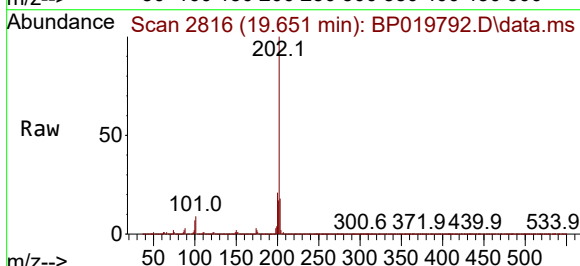
Tgt Ion:202 Resp: 1095547

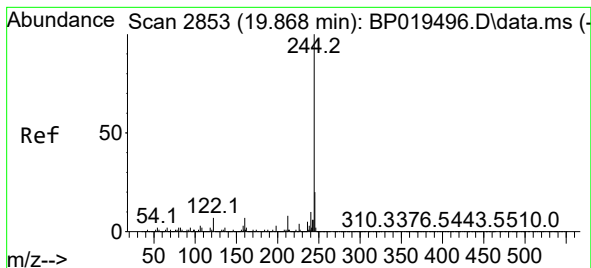
Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

203 17.7 14.2 21.2





#79

Terphenyl-d14

Concen: 62.317 ng

RT: 19.857 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019792.D

Acq: 20 Feb 2024 18:44

Instrument :

BNA_P

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD

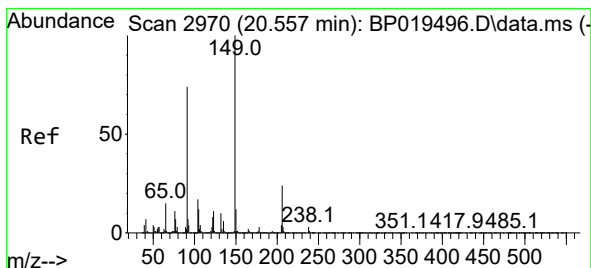
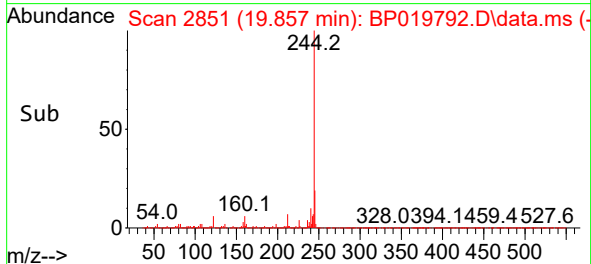
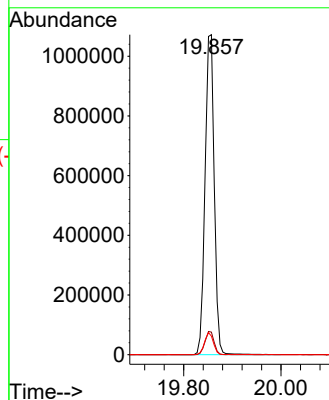
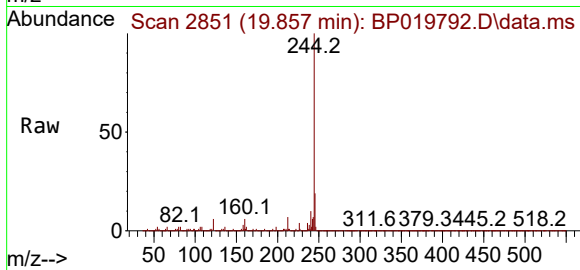
Tgt Ion:244 Resp: 1398213

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

122 5.8 5.9 8.9#



#80

Butylbenzylphthalate

Concen: 39.121 ng

RT: 20.539 min Scan# 2967

Delta R.T. -0.006 min

Lab File: BP019792.D

Acq: 20 Feb 2024 18:44

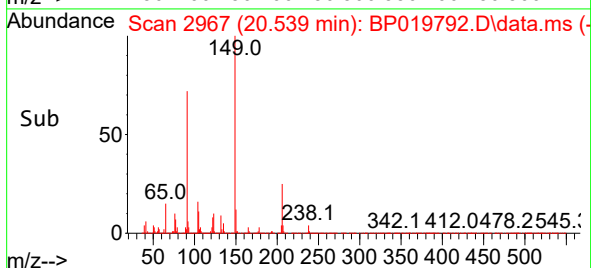
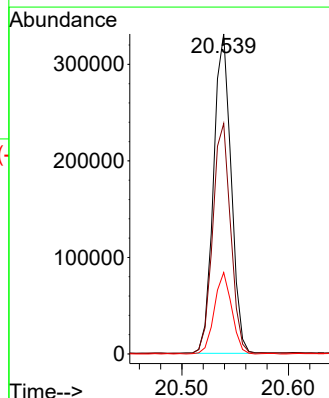
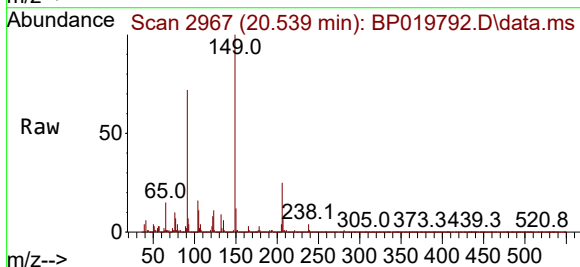
Tgt Ion:149 Resp: 380457

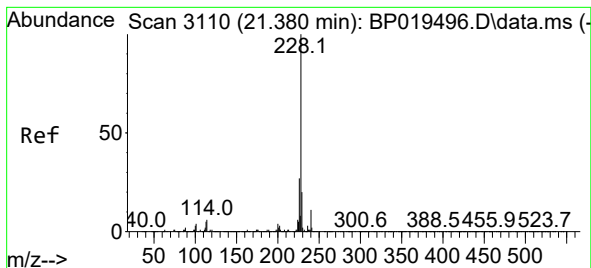
Ion Ratio Lower Upper

149 100

91 72.0 59.4 89.0

206 25.5 19.0 28.6





#81

Benzo(a)anthracene

Concen: 48.495 ng

RT: 21.369 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BP019792.D

Acq: 20 Feb 2024 18:44

Instrument :

BNA_P

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD

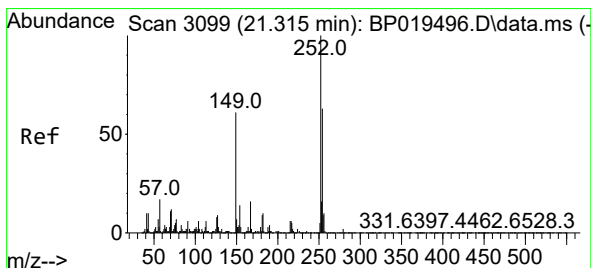
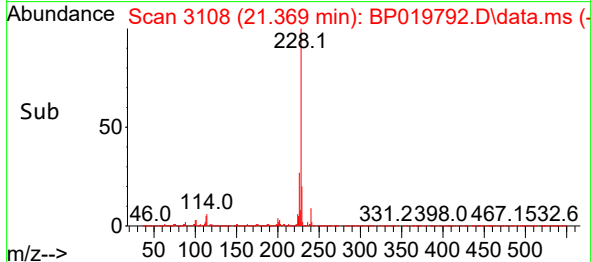
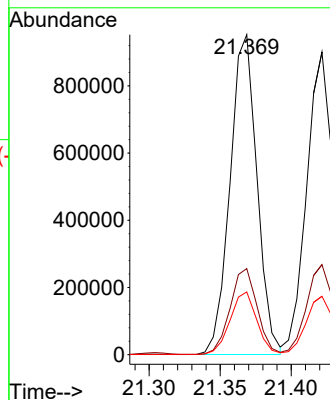
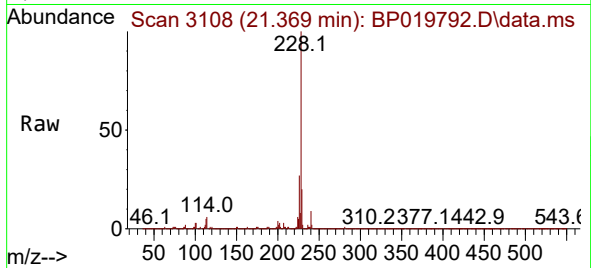
Tgt Ion:228 Resp: 1259616

Ion Ratio Lower Upper

228 100

226 26.9 21.7 32.5

229 19.6 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 45.452 ng

RT: 21.304 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BP019792.D

Acq: 20 Feb 2024 18:44

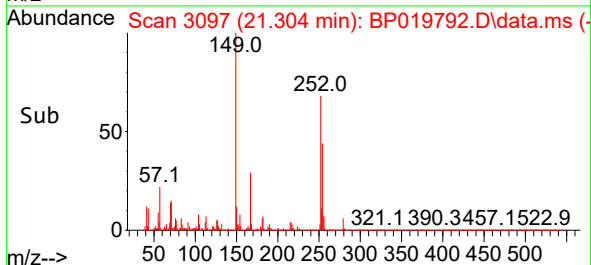
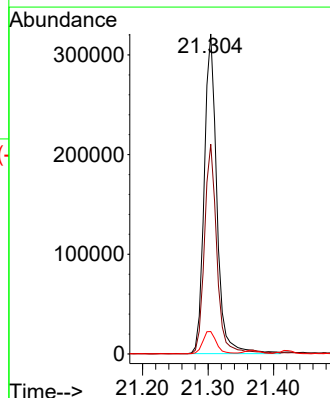
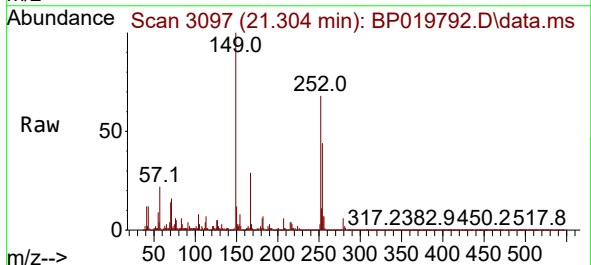
Tgt Ion:252 Resp: 430194

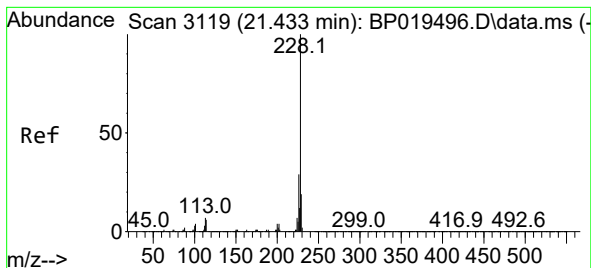
Ion Ratio Lower Upper

252 100

254 65.5 50.7 76.1

126 7.0 6.4 9.6





#83

Chrysene

Concen: 47.950 ng

RT: 21.422 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP019792.D

Acq: 20 Feb 2024 18:44

Instrument :

BNA_P

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD

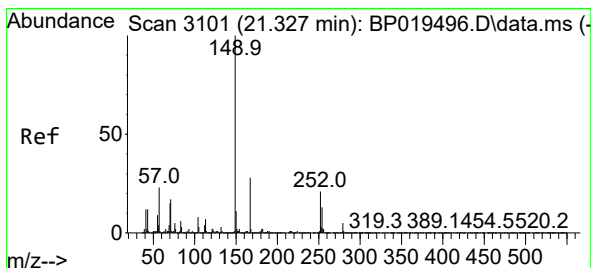
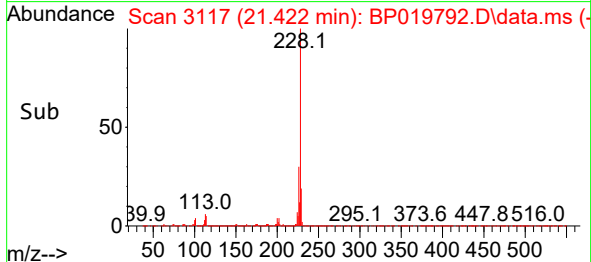
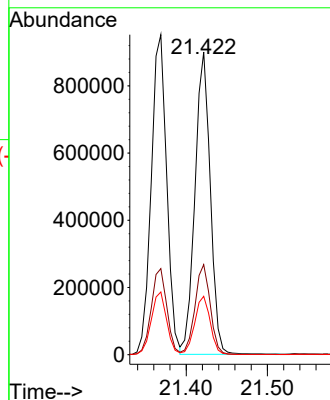
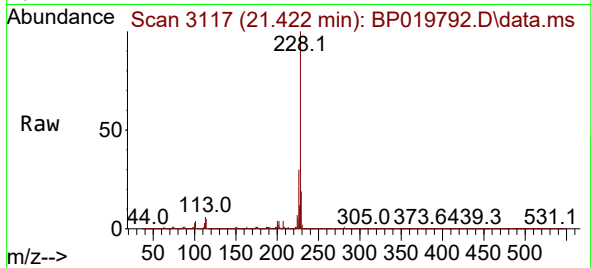
Tgt Ion:228 Resp: 1182436

Ion Ratio Lower Upper

228 100

226 29.8 23.4 35.2

229 19.3 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.074 ng

RT: 21.304 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BP019792.D

Acq: 20 Feb 2024 18:44

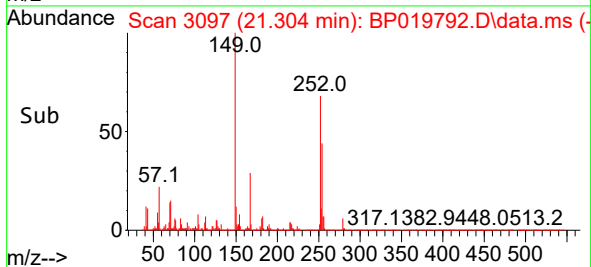
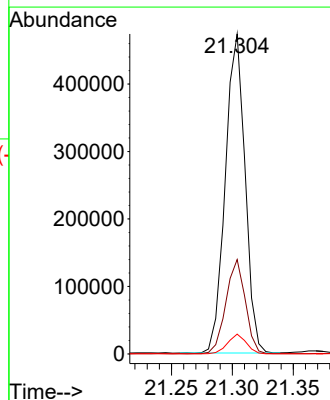
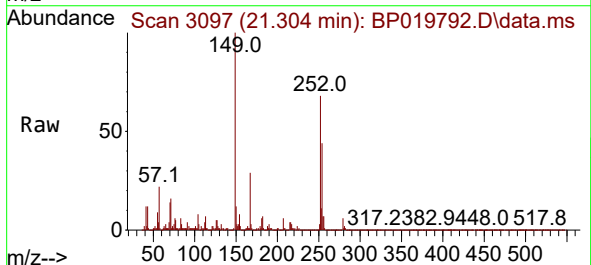
Tgt Ion:149 Resp: 534222

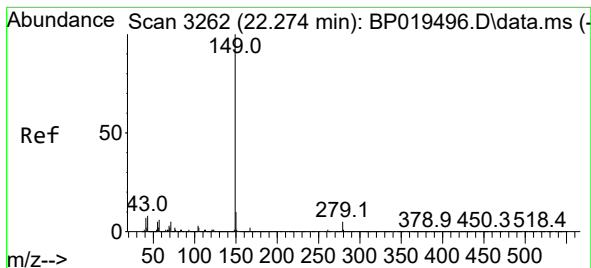
Ion Ratio Lower Upper

149 100

167 29.5 22.7 34.1

279 6.2 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 37.355 ng

RT: 22.239 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP019792.D

Acq: 20 Feb 2024 18:44

Instrument :

BNA_P

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD

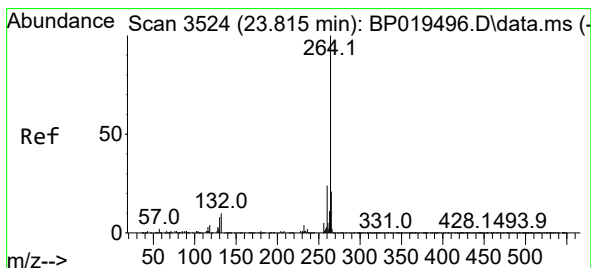
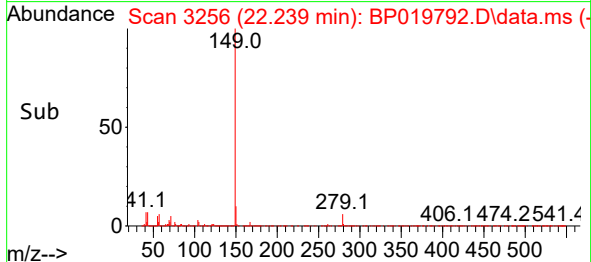
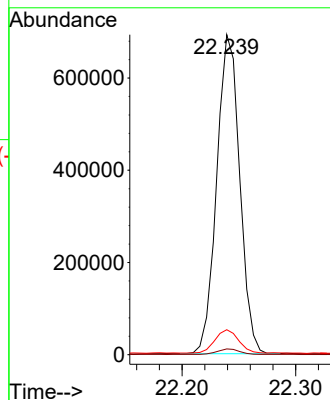
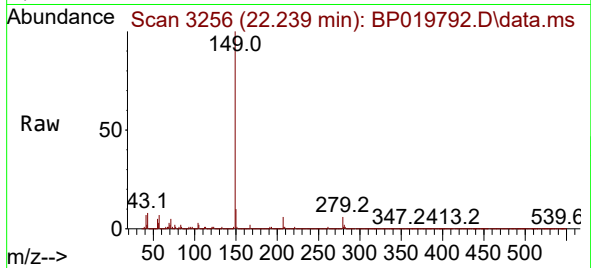
Tgt Ion:149 Resp: 973300

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 7.8 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.798 min Scan# 3521

Delta R.T. -0.012 min

Lab File: BP019792.D

Acq: 20 Feb 2024 18:44

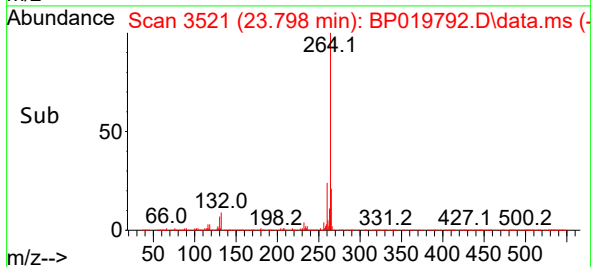
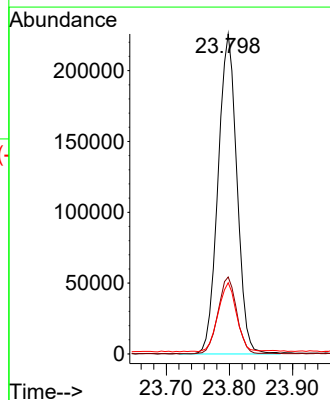
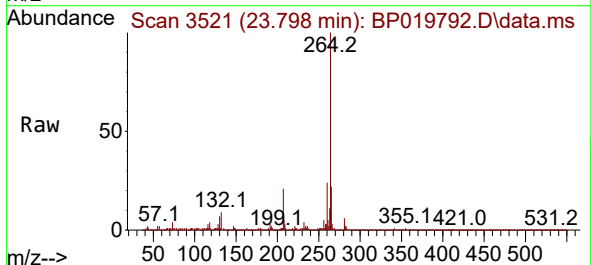
Tgt Ion:264 Resp: 469111

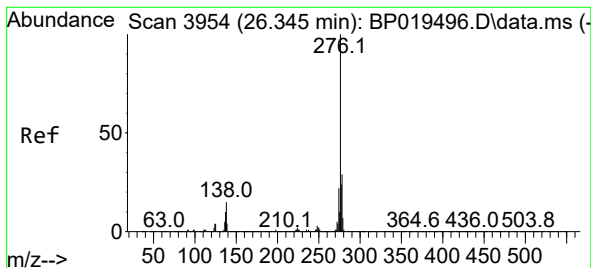
Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.2 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.288 ng

RT: 26.333 min Scan# 3954

Delta R.T. -0.012 min

Lab File: BP019792.D

Acq: 20 Feb 2024 18:44

Instrument :

BNA_P

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD

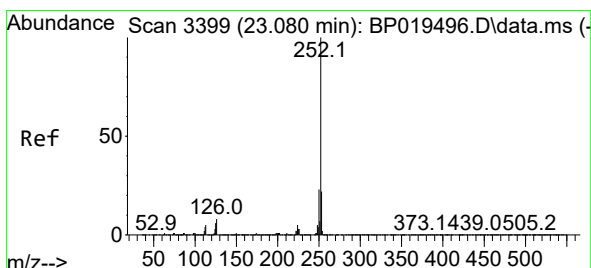
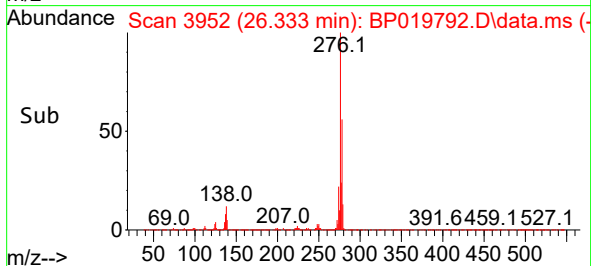
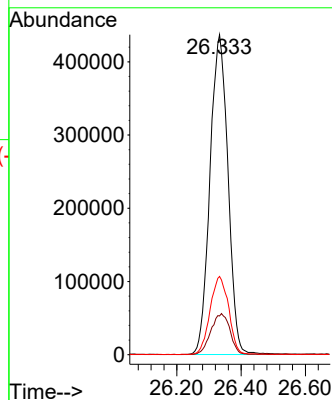
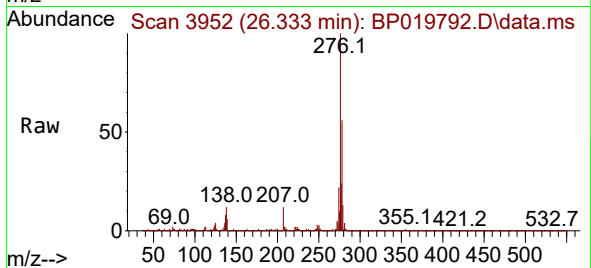
Tgt Ion:276 Resp: 1698051

Ion Ratio Lower Upper

276 100

138 13.5 13.1 19.7

277 25.1 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 46.457 ng

RT: 23.063 min Scan# 3396

Delta R.T. -0.012 min

Lab File: BP019792.D

Acq: 20 Feb 2024 18:44

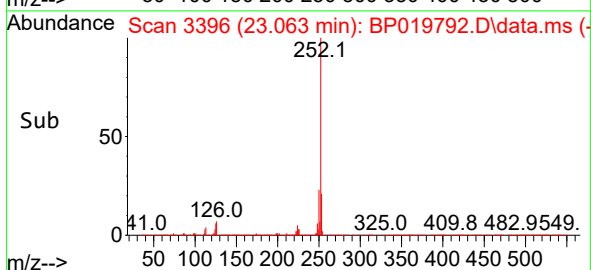
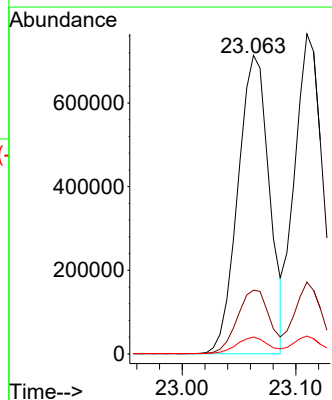
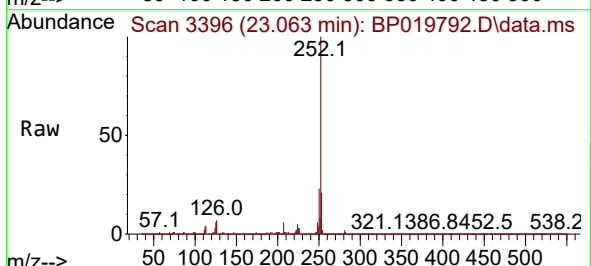
Tgt Ion:252 Resp: 1373552

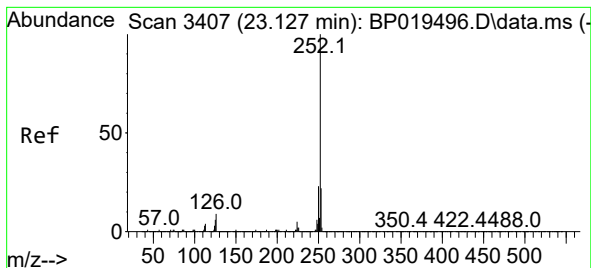
Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

125 5.7 4.9 7.3





#89

Benzo(k)fluoranthene

Concen: 46.303 ng

RT: 23.110 min Scan# 34

Delta R.T. -0.012 min

Lab File: BP019792.D

Acq: 20 Feb 2024 18:44

Instrument :

BNA_P

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD

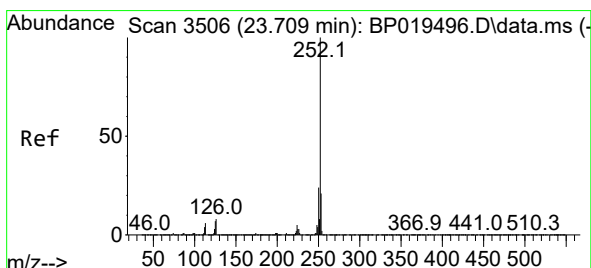
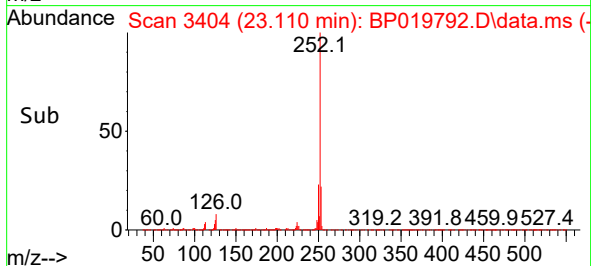
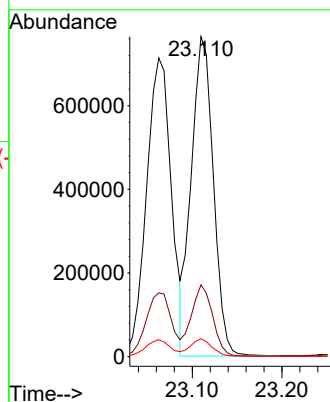
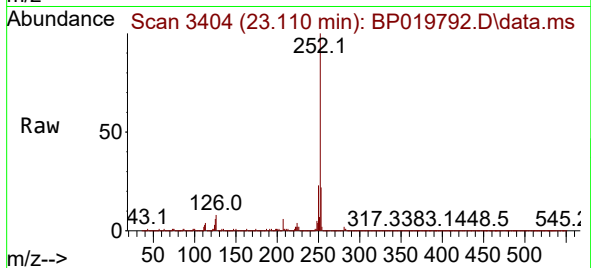
Tgt Ion:252 Resp: 1307703

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

125 5.6 5.0 7.6



#90

Benzo(a)pyrene

Concen: 48.206 ng

RT: 23.692 min Scan# 3503

Delta R.T. -0.012 min

Lab File: BP019792.D

Acq: 20 Feb 2024 18:44

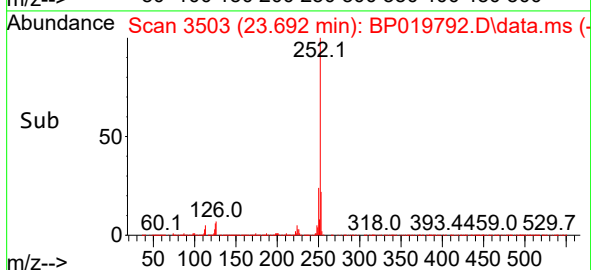
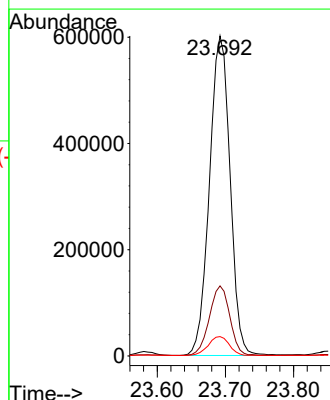
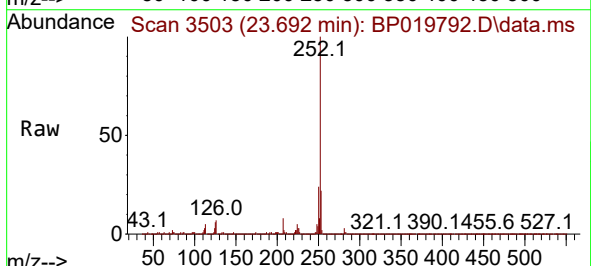
Tgt Ion:252 Resp: 1268141

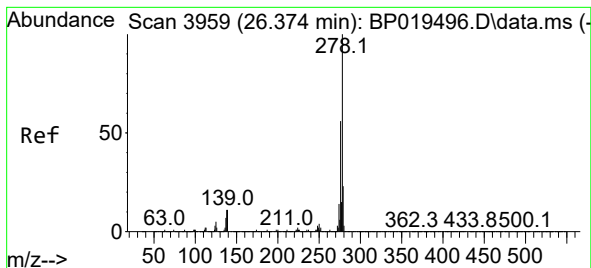
Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

125 6.1 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 46.871 ng

RT: 26.357 min Scan# 3959

Delta R.T. -0.012 min

Lab File: BP019792.D

Acq: 20 Feb 2024 18:44

Instrument :

BNA_P

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD

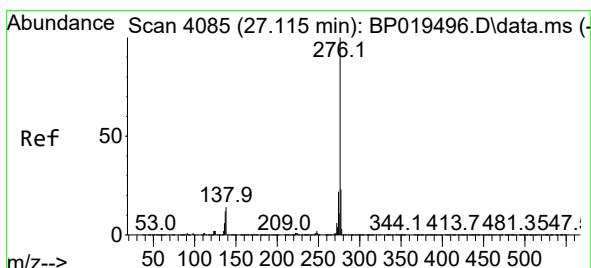
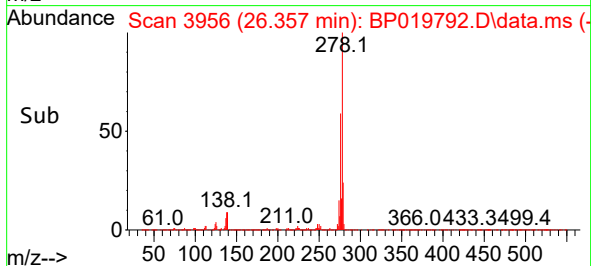
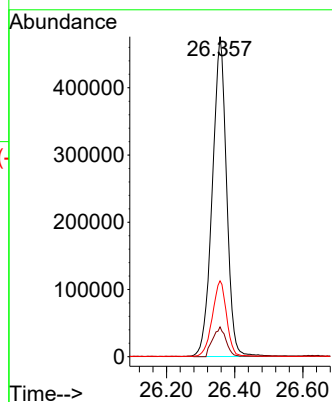
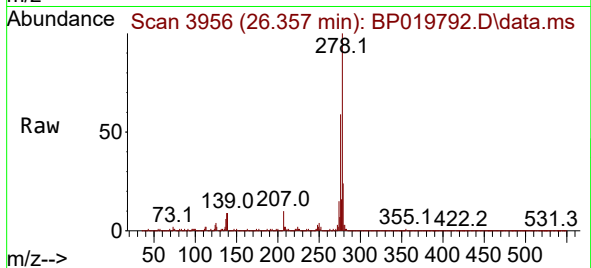
Tgt Ion:278 Resp: 1384247

Ion Ratio Lower Upper

278 100

139 9.3 8.6 12.8

279 23.7 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 44.399 ng

RT: 27.110 min Scan# 4084

Delta R.T. -0.012 min

Lab File: BP019792.D

Acq: 20 Feb 2024 18:44

Tgt Ion:276 Resp: 1330278

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 12.0 10.9 16.3

