

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022024\
 Data File : BP019791.D
 Acq On : 20 Feb 2024 18:10
 Operator : MA/JU
 Sample : P1523-09MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Feb 20 23:53:35 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	65990	20.000	ng	0.00
21) Naphthalene-d8	10.698	136	238177	20.000	ng	0.00
39) Acenaphthene-d10	14.534	164	164393	20.000	ng	0.00
64) Phenanthrene-d10	17.292	188	370022	20.000	ng	0.00
76) Chrysene-d12	21.386	240	410344	20.000	ng	# 0.00
86) Perylene-d12	23.804	264	497232	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	154150	37.654	ng	0.00
7) Phenol-d6	7.069	99	346528	62.776	ng	0.00
23) Nitrobenzene-d5	9.069	82	384084	69.876	ng	0.00
42) 2,4,6-Tribromophenol	16.028	330	66860	27.855	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	855001	64.296	ng	0.00
79) Terphenyl-d14	19.857	244	1544047	61.881	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	54257	34.399	ng	# 83
3) Pyridine	3.781	79	160419	37.514	ng	99
4) n-Nitrosodimethylamine	3.699	42	77511	41.633	ng	98
6) Aniline	7.228	93	165383	30.834	ng	98
8) 2-Chlorophenol	7.457	128	178990	42.586	ng	97
9) Benzaldehyde	7.046	77	29356	7.585	ng	96
10) Phenol	7.099	94	227683	41.384	ng	99
11) bis(2-Chloroethyl)ether	7.334	93	172149	40.219	ng	98
12) 1,3-Dichlorobenzene	7.781	146	206358	40.124	ng	98
13) 1,4-Dichlorobenzene	7.934	146	212397	40.763	ng	98
14) 1,2-Dichlorobenzene	8.246	146	201148	39.899	ng	99
15) Benzyl Alcohol	8.146	79	186651	42.319	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.422	45	167116	39.044	ng	99
17) 2-Methylphenol	8.346	107	151277	40.842	ng	97
18) Hexachloroethane	8.963	117	78736	38.985	ng	99
19) n-Nitroso-di-n-propyla...	8.716	70	145445	38.575	ng	# 97
20) 3+4-Methylphenols	8.675	107	206929	40.935	ng	97
22) Acetophenone	8.734	105	284142	41.876	ng	# 97
24) Nitrobenzene	9.110	77	217338	39.271	ng	99
25) Isophorone	9.634	82	388386	40.572	ng	100
26) 2-Nitrophenol	9.816	139	98482	46.670	ng	95
27) 2,4-Dimethylphenol	9.881	122	134313	49.777	ng	99
28) bis(2-Chloroethoxy)met...	10.122	93	222159	41.018	ng	98
29) 2,4-Dichlorophenol	10.351	162	184063	45.126	ng	98
30) 1,2,4-Trichlorobenzene	10.557	180	213679	42.726	ng	98
31) Naphthalene	10.745	128	540759	41.396	ng	100
32) Benzoic acid	10.046	122	160162	60.922	ng	93
33) 4-Chloroaniline	10.869	127	108053	22.367	ng	97
34) Hexachlorobutadiene	11.016	225	158266	42.705	ng	98
35) Caprolactam	11.681	113	55753	48.283	ng	96
36) 4-Chloro-3-methylphenol	11.992	107	203637	45.787	ng	97
37) 2-Methylnaphthalene	12.357	142	384981	42.586	ng	100
38) 1-Methylnaphthalene	12.575	142	362926	40.852	ng	99
40) 1,2,4,5-Tetrachloroben...	12.722	216	268211	42.304	ng	99
41) Hexachlorocyclopentadiene	12.687	237	158325	55.279	ng	97
43) 2,4,6-Trichlorophenol	12.969	196	172666	44.976	ng	98

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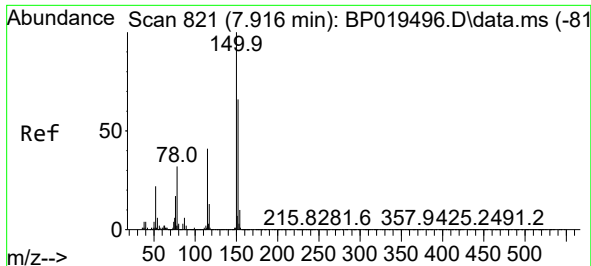
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	184499	43.766	ng	98
46) 1,1'-Biphenyl	13.369	154	525617	40.060	ng	100
47) 2-Chloronaphthalene	13.410	162	422594	39.236	ng	98
48) 2-Nitroaniline	13.628	65	134158	44.546	ng	98
49) Acenaphthylene	14.257	152	673923	44.599	ng	100
50) Dimethylphthalate	14.004	163	538434	42.785	ng	99
51) 2,6-Dinitrotoluene	14.128	165	119252	43.130	ng	94
52) Acenaphthene	14.598	154	378846	40.395	ng	98
53) 3-Nitroaniline	14.457	138	92545	36.421	ng	98
54) 2,4-Dinitrophenol	14.669	184	100843	70.245	ng	95
55) Dibenzofuran	14.934	168	647667	42.401	ng	98
56) 4-Nitrophenol	14.769	139	191790	92.087	ng	98
57) 2,4-Dinitrotoluene	14.916	165	166226	45.877	ng	97
58) Fluorene	15.586	166	525310	43.178	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.163	232	184509	52.035	ng	# 94
60) Diethylphthalate	15.369	149	541423	43.253	ng	98
61) 4-Chlorophenyl-phenyle...	15.581	204	300787	43.988	ng	95
62) 4-Nitroaniline	15.622	138	115324	43.299	ng	99
63) Azobenzene	15.875	77	497785	41.124	ng	98
65) 4,6-Dinitro-2-methylph...	15.681	198	86995	41.232	ng	92
66) n-Nitrosodiphenylamine	15.804	169	461747	41.667	ng	99
67) 4-Bromophenyl-phenylether	16.480	248	201163	43.488	ng	95
68) Hexachlorobenzene	16.580	284	236123	43.712	ng	96
69) Atrazine	16.763	200	183929	50.017	ng	97
70) Pentachlorophenol	16.939	266	304051	90.385	ng	98
71) Phenanthrene	17.333	178	853340	43.822	ng	99
72) Anthracene	17.427	178	861959	44.373	ng	99
73) Carbazole	17.704	167	776619	44.008	ng	98
74) Di-n-butylphthalate	18.257	149	929627	43.568	ng	100
75) Fluoranthene	19.304	202	1127840	47.411	ng	99
77) Benzidine	19.492	184	339525	39.577	ng	99
78) Pyrene	19.651	202	1178614	40.698	ng	100
80) Butylbenzylphthalate	20.539	149	438498	40.545	ng	98
81) Benzo(a)anthracene	21.368	228	1279994	44.313	ng	99
82) 3,3'-Dichlorobenzidine	21.304	252	428765	40.735	ng	98
83) Chrysene	21.421	228	1196008	43.612	ng	100
84) Bis(2-ethylhexyl)phtha...	21.304	149	636441	38.646	ng	99
85) Di-n-octyl phthalate	22.245	149	1126310	38.871	ng	99
87) Indeno(1,2,3-cd)pyrene	26.333	276	1642607	43.157	ng	97
88) Benzo(b)fluoranthene	23.068	252	1394924	44.512	ng	99
89) Benzo(k)fluoranthene	23.115	252	1251056	41.792	ng	99
90) Benzo(a)pyrene	23.698	252	1234290	44.265	ng	99
91) Dibenzo(a,h)anthracene	26.356	278	1341557	42.856	ng	97
92) Benzo(g,h,i)perylene	27.115	276	1281868	40.364	ng	97

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

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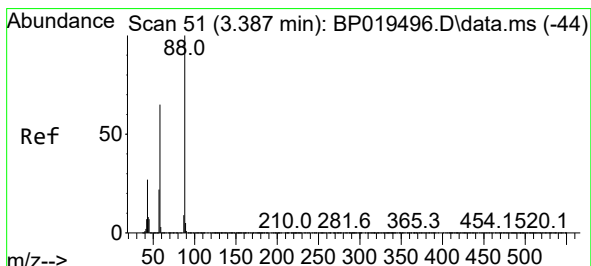
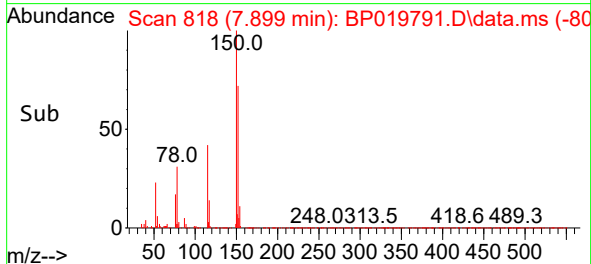
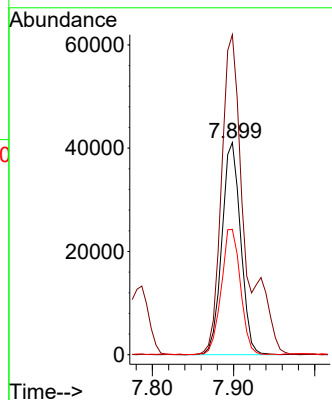
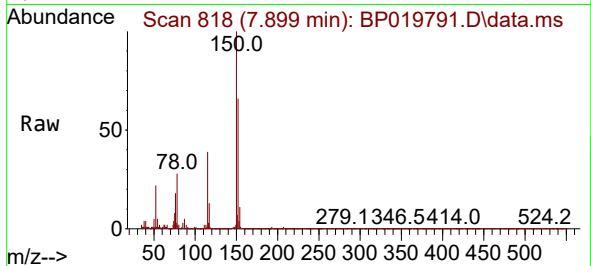
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

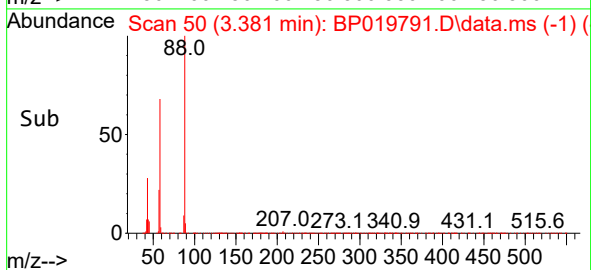
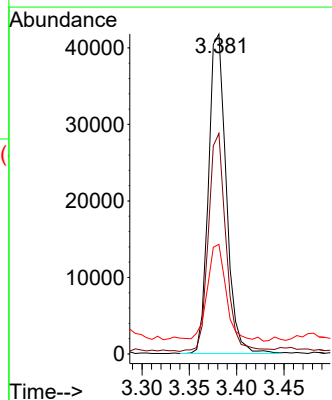
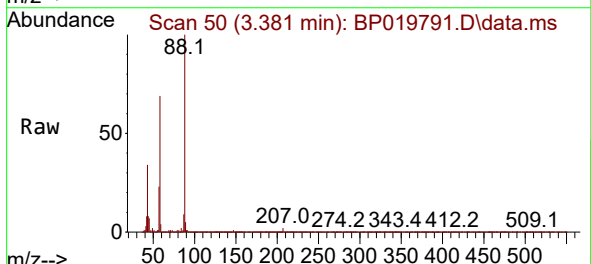
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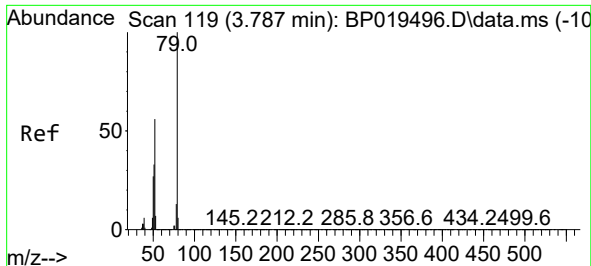
Tgt Ion:152 Resp: 65990
Ion Ratio Lower Upper
152 100
150 150.8 121.8 182.8
115 59.0 49.9 74.9



#2
1,4-Dioxane
Concen: 34.399 ng
RT: 3.381 min Scan# 50
Delta R.T. -0.000 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

Tgt Ion: 88 Resp: 54257
Ion Ratio Lower Upper
88 100
58 67.4 52.6 78.8
43 0.0 21.9 32.9

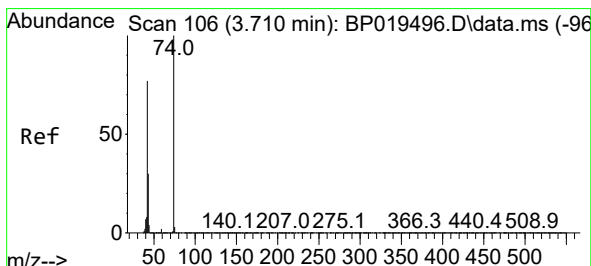
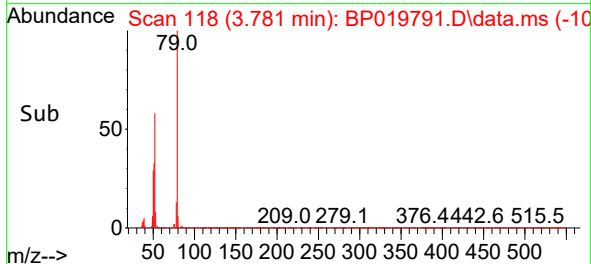
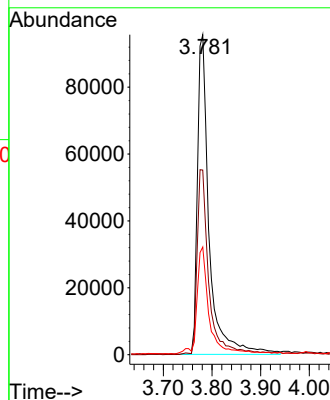
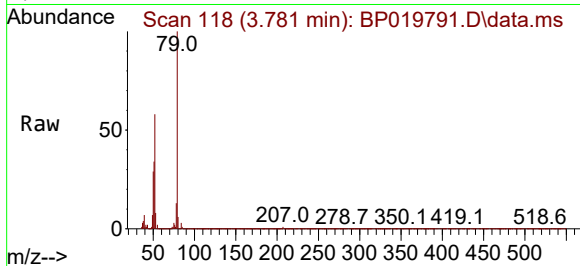




#3
Pyridine
Concen: 37.514 ng
RT: 3.781 min Scan# 119
Delta R.T. -0.000 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

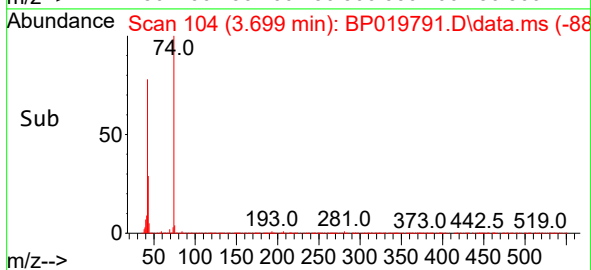
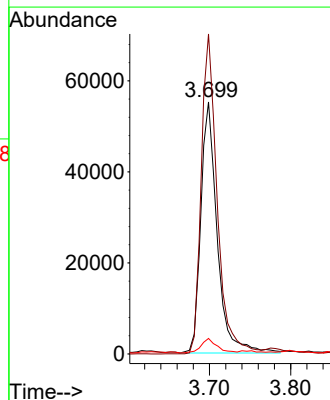
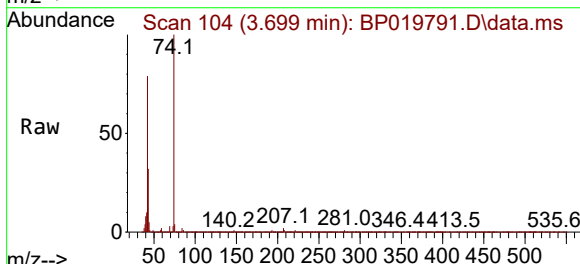
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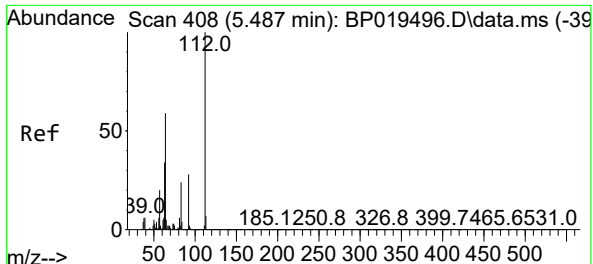
Tgt Ion: 79 Resp: 160419
Ion Ratio Lower Upper
79 100
52 57.7 45.0 67.6
51 33.7 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 41.633 ng
RT: 3.699 min Scan# 104
Delta R.T. -0.006 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

Tgt Ion: 42 Resp: 77511
Ion Ratio Lower Upper
42 100
74 127.0 103.4 155.2
44 6.2 4.8 7.2

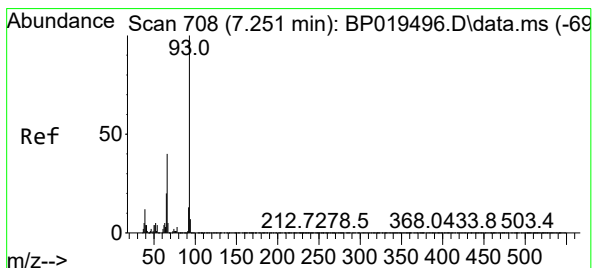
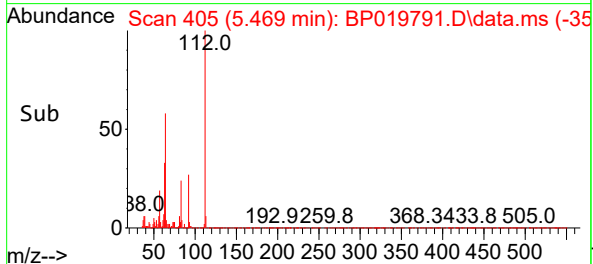
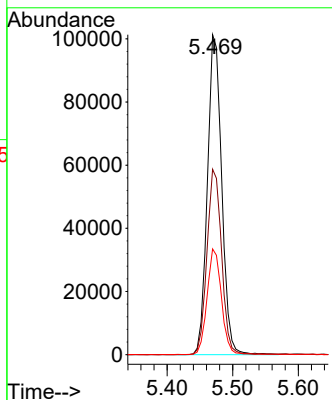
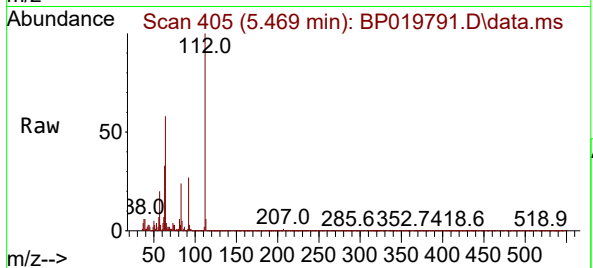




#5
2-Fluorophenol
Concen: 37.654 ng
RT: 5.469 min Scan# 408
Delta R.T. -0.006 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

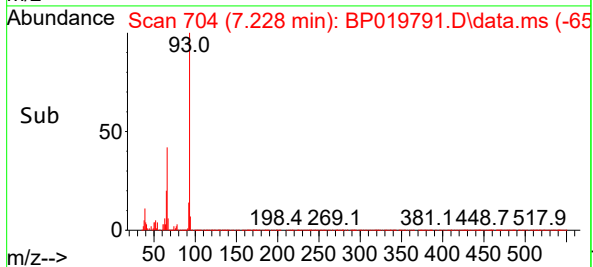
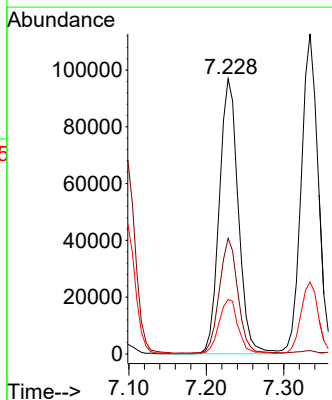
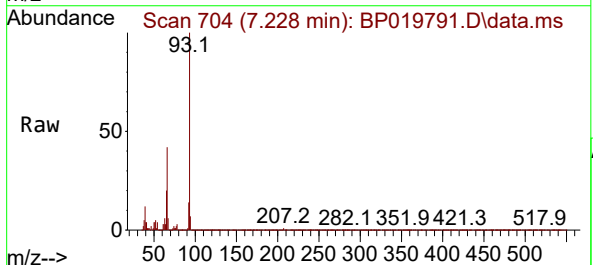
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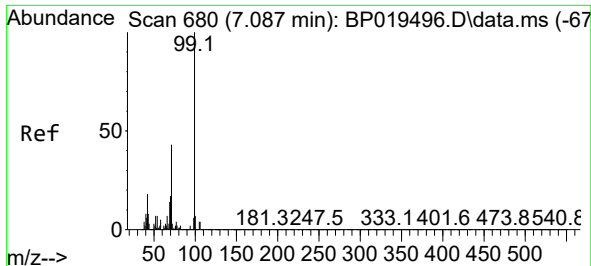
Tgt Ion:112 Resp: 154150
Ion Ratio Lower Upper
112 100
64 57.9 47.4 71.0
63 33.1 27.0 40.6



#6
Aniline
Concen: 30.834 ng
RT: 7.228 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

Tgt Ion: 93 Resp: 165383
Ion Ratio Lower Upper
93 100
66 42.0 32.3 48.5
65 19.8 16.4 24.6

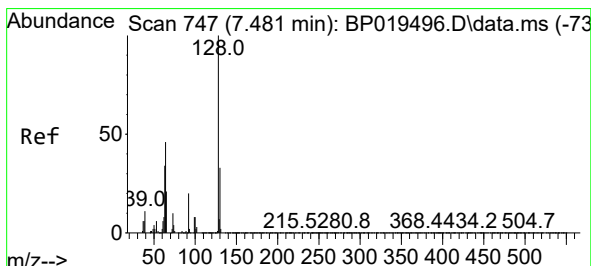
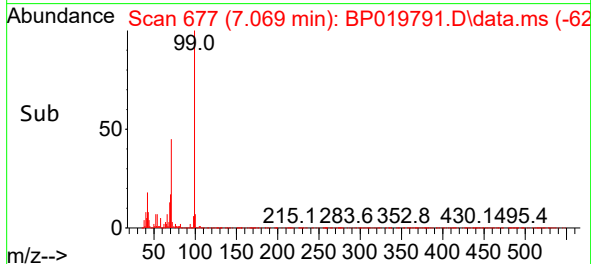
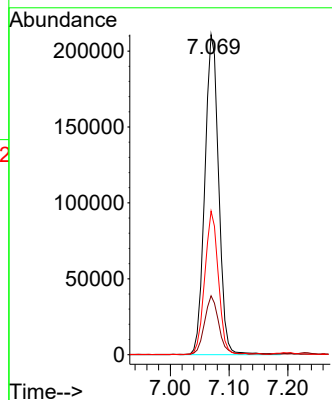
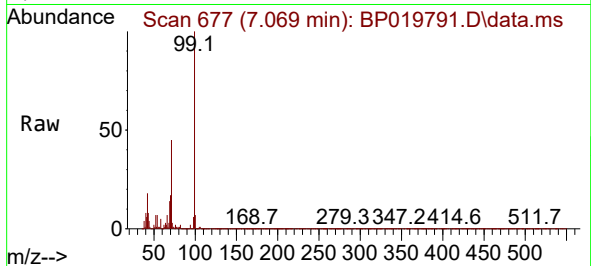




#7
Phenol-d6
Concen: 62.776 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

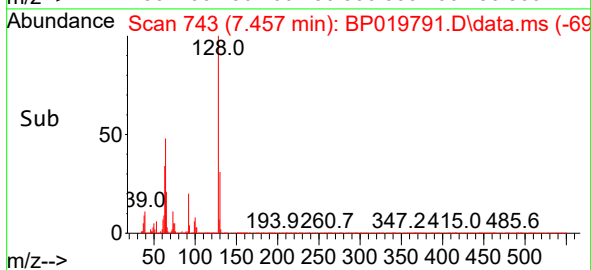
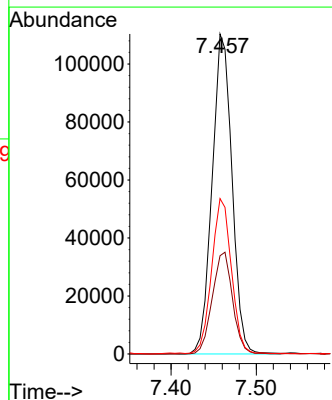
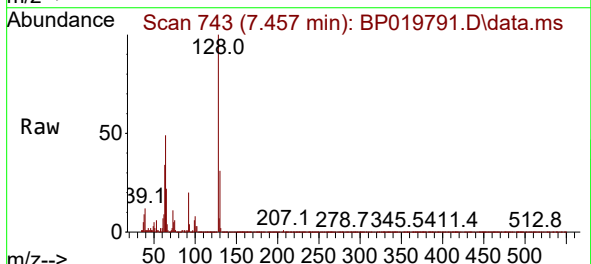
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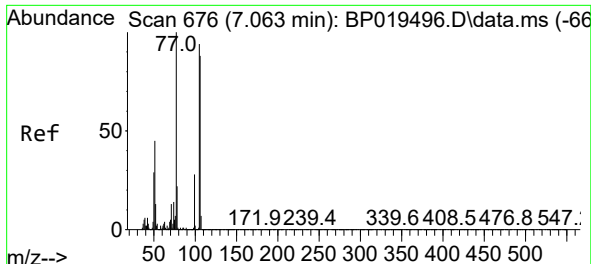
Tgt Ion: 99 Resp: 346528
Ion Ratio Lower Upper
99 100
42 18.4 14.7 22.1
71 44.9 34.8 52.2



#8
2-Chlorophenol
Concen: 42.586 ng
RT: 7.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

Tgt Ion: 128 Resp: 178990
Ion Ratio Lower Upper
128 100
130 30.7 13.3 53.3
64 48.5 29.7 69.7

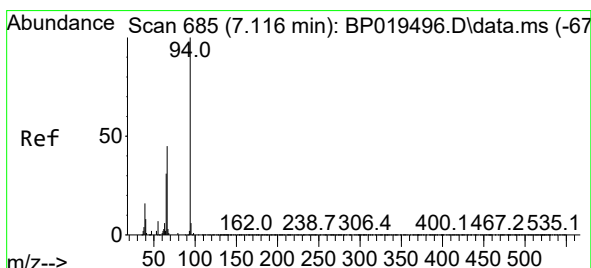
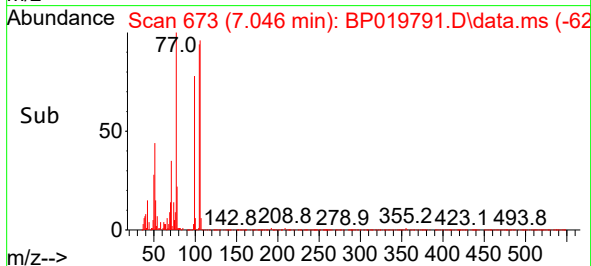
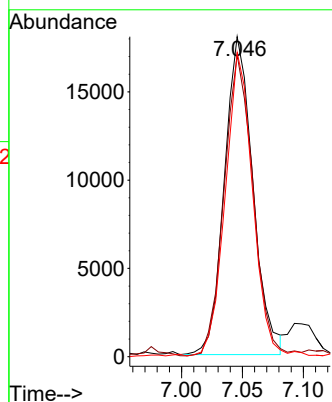
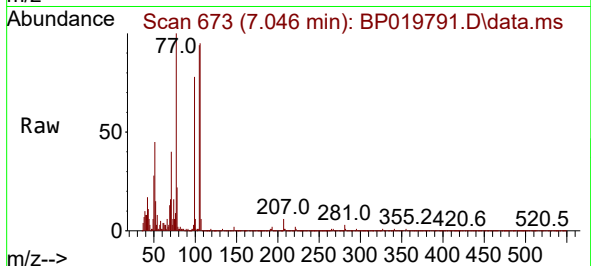




#9
Benzaldehyde
Concen: 7.585 ng
RT: 7.046 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

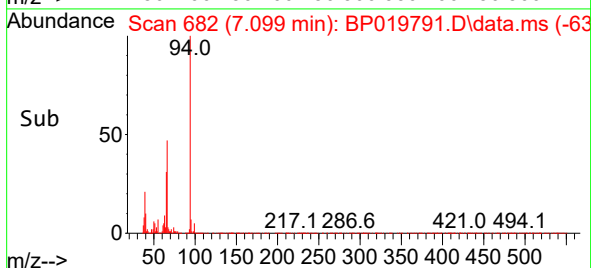
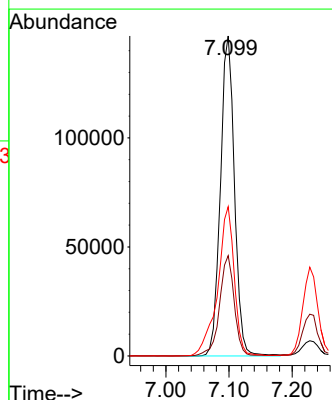
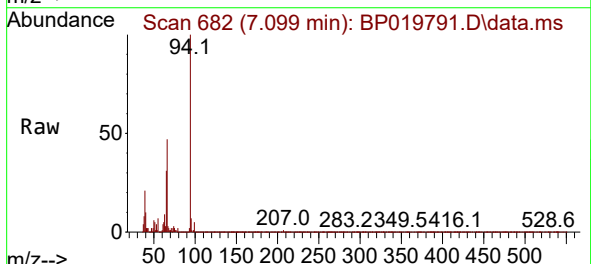
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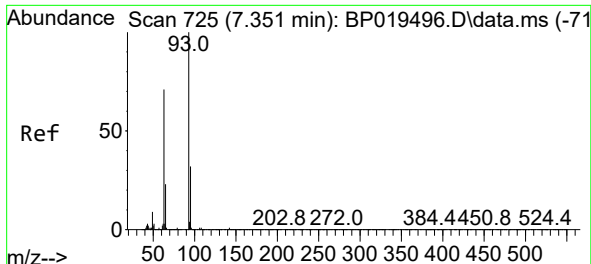
Tgt Ion: 77 Resp: 29356
Ion Ratio Lower Upper
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106 95.1 67.8 107.8



#10
Phenol
Concen: 41.384 ng
RT: 7.099 min Scan# 682
Delta R.T. -0.000 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

Tgt Ion: 94 Resp: 227683
Ion Ratio Lower Upper
94 100
65 31.3 11.3 51.3
66 46.7 25.1 65.1

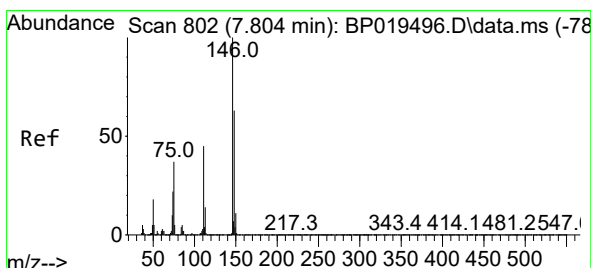
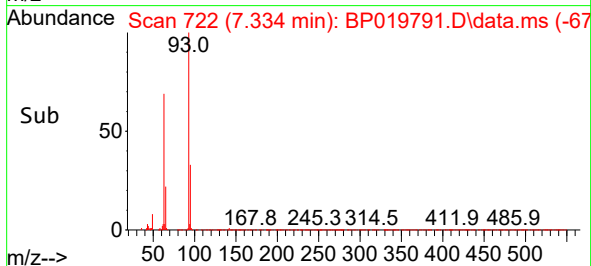
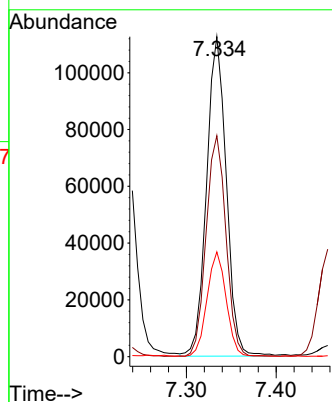
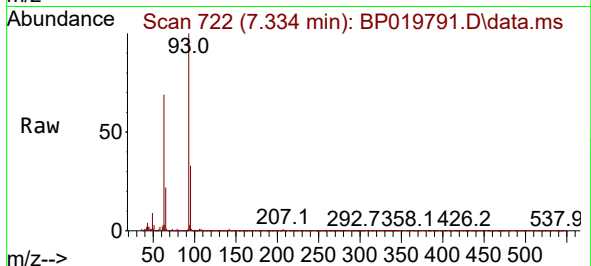




#11
bis(2-Chloroethyl)ether
Concen: 40.219 ng
RT: 7.334 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

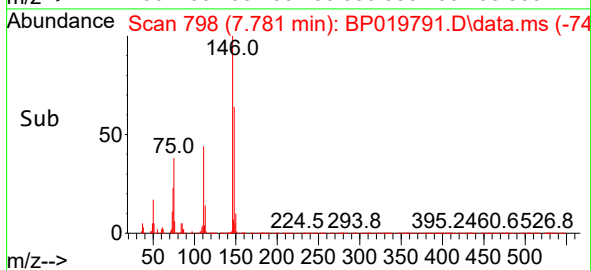
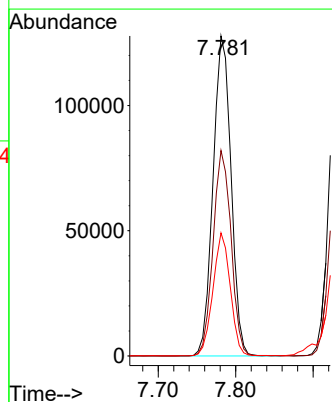
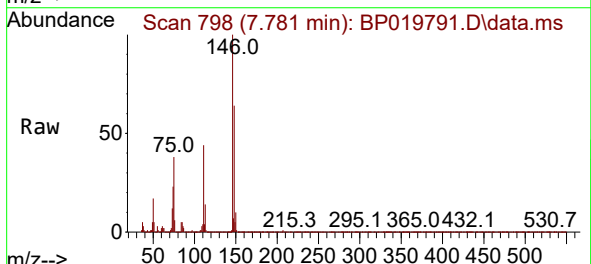
Instrument :
BNA_P
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS

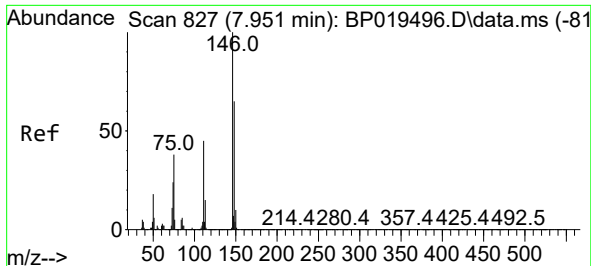
Tgt Ion: 93 Resp: 172149
Ion Ratio Lower Upper
93 100
63 69.0 51.2 91.2
95 32.8 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 40.124 ng
RT: 7.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

Tgt Ion:146 Resp: 206358
Ion Ratio Lower Upper
146 100
148 64.2 50.4 75.6
75 38.5 29.9 44.9

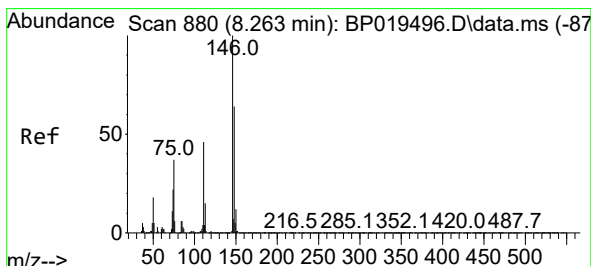
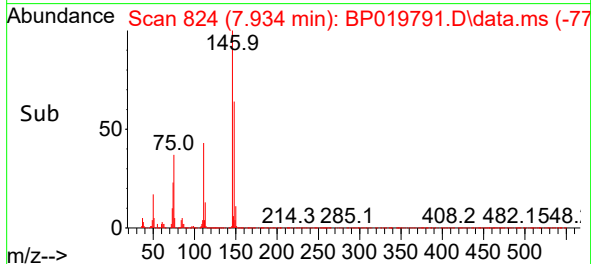
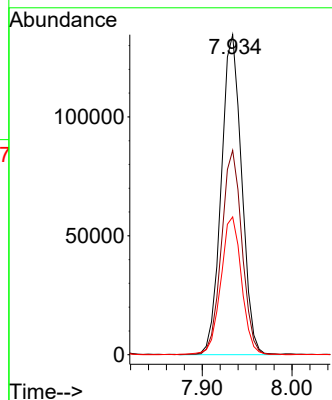
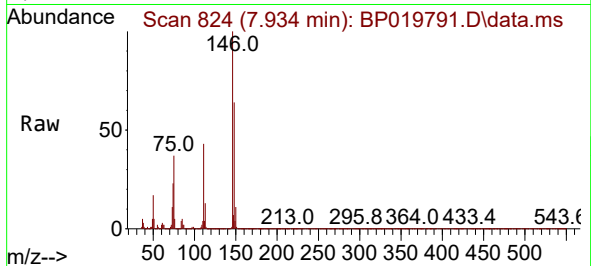




#13
1,4-Dichlorobenzene
Concen: 40.763 ng
RT: 7.934 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

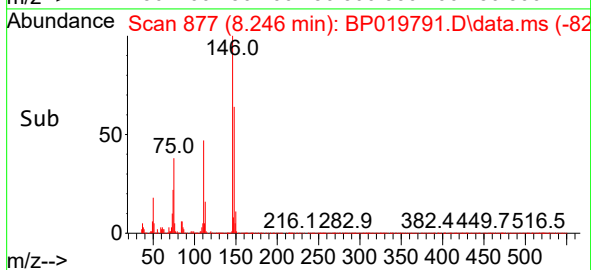
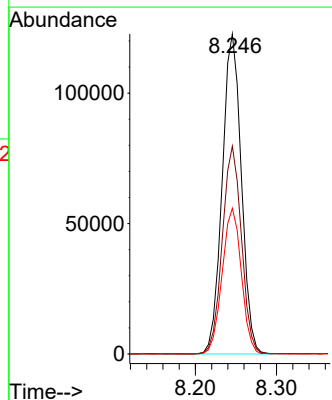
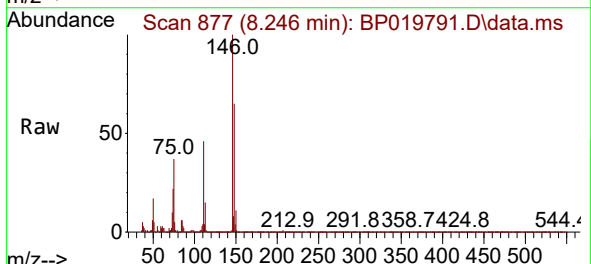
Instrument :
BNA_P
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS

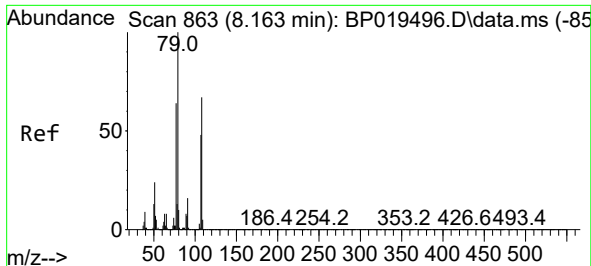
Tgt Ion:146 Resp: 212397
Ion Ratio Lower Upper
146 100
148 63.8 51.9 77.9
111 43.0 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 39.899 ng
RT: 8.246 min Scan# 877
Delta R.T. -0.006 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

Tgt Ion:146 Resp: 201148
Ion Ratio Lower Upper
146 100
148 64.9 51.4 77.0
111 45.5 37.0 55.6

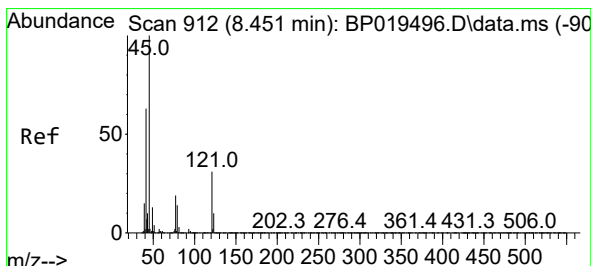
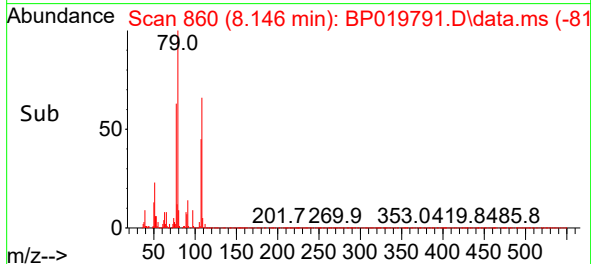
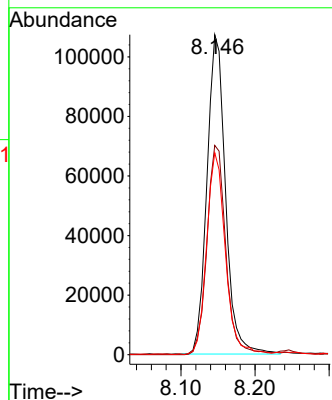
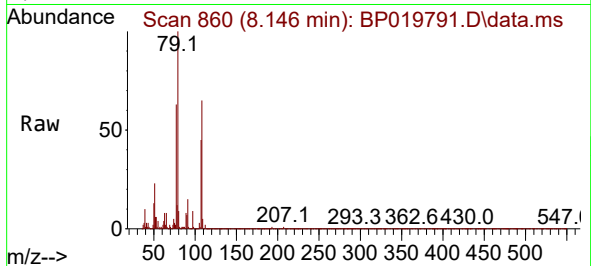




#15
Benzyl Alcohol
Concen: 42.319 ng
RT: 8.146 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

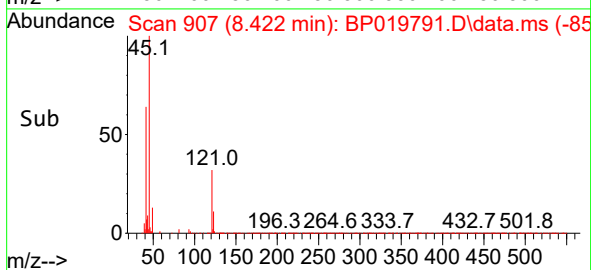
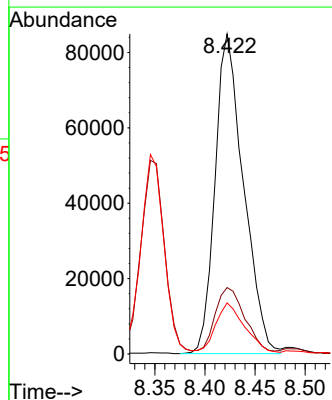
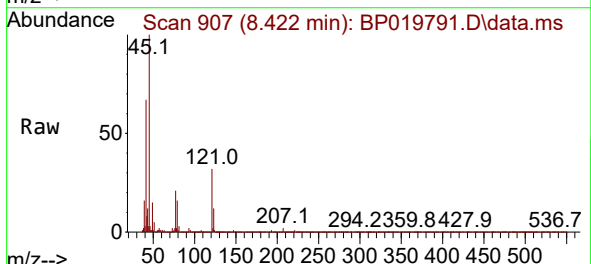
Instrument :
BNA_P
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS

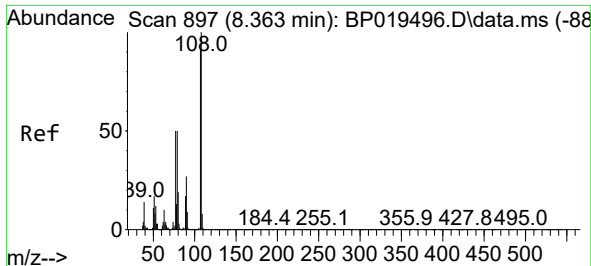
Tgt Ion: 79 Resp: 186651
Ion Ratio Lower Upper
79 100
108 65.4 53.8 80.6
77 63.1 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.044 ng
RT: 8.422 min Scan# 907
Delta R.T. -0.018 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

Tgt Ion: 45 Resp: 167116
Ion Ratio Lower Upper
45 100
77 20.8 0.8 40.8
79 16.0 0.0 35.5

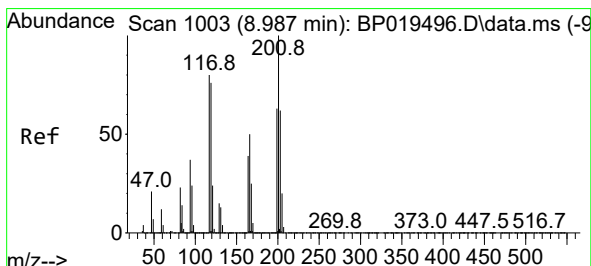
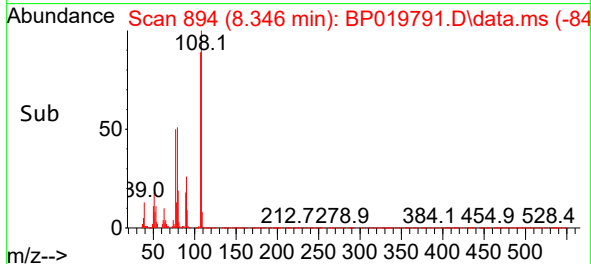
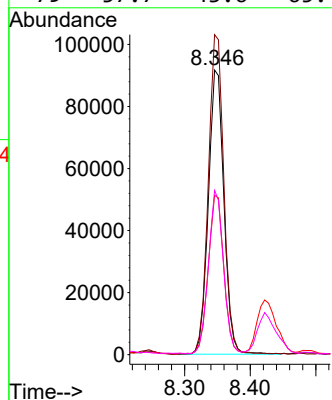
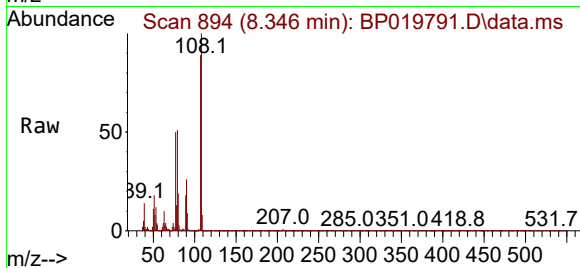




#17
2-Methylphenol
Concen: 40.842 ng
RT: 8.346 min Scan# 894
Delta R.T. -0.000 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

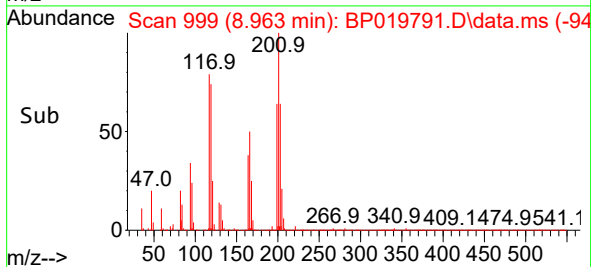
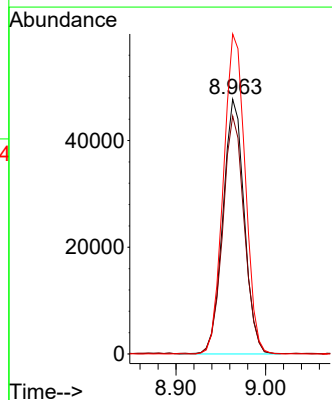
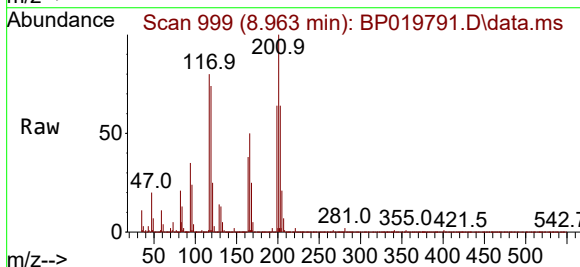
Instrument : BNA_P
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS

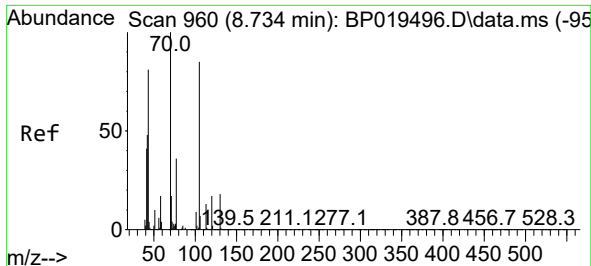
Tgt Ion:	107	Resp:	151277
Ion	Ratio	Lower	Upper
107	100		
108	112.4	87.0	130.6
77	56.0	43.5	65.3
79	57.7	43.6	65.4



#18
Hexachloroethane
Concen: 38.985 ng
RT: 8.963 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

Tgt Ion:	117	Resp:	78736
Ion	Ratio	Lower	Upper
117	100		
119	93.4	75.5	113.3
201	125.6	99.4	149.2





#19

n-Nitroso-di-n-propylamine

Concen: 38.575 ng

RT: 8.716 min Scan# 91

Delta R.T. -0.000 min

Lab File: BP019791.D

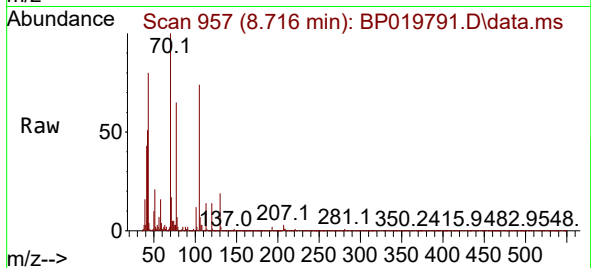
Acq: 20 Feb 2024 18:10

Instrument :

BNA_P

ClientSampleId :

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



Tgt Ion: 70 Resp: 145445

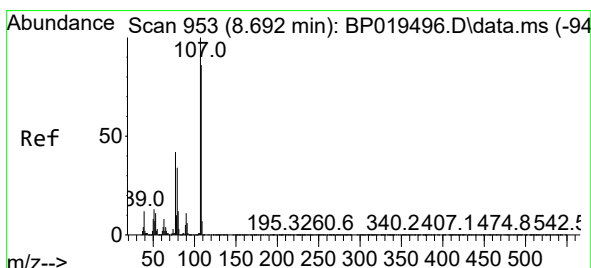
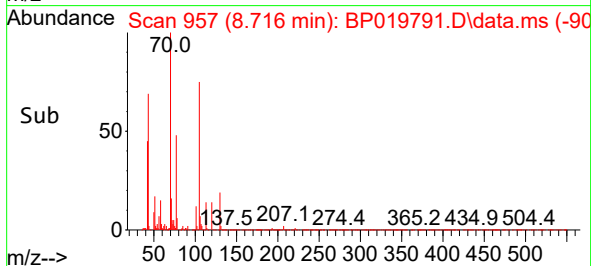
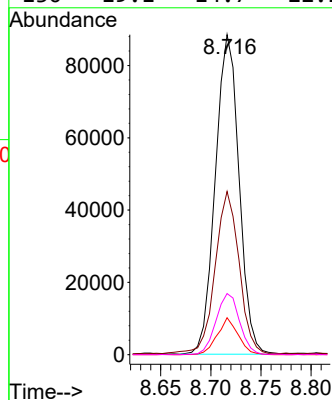
Ion	Ratio	Lower	Upper
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70	100		
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42	51.0	39.2	58.8
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101	11.6	7.3	10.9
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130	19.1	14.7	22.1
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#20

3+4-Methylphenols

Concen: 40.935 ng

RT: 8.675 min Scan# 950

Delta R.T. -0.006 min

Lab File: BP019791.D

Acq: 20 Feb 2024 18:10

Tgt Ion: 107 Resp: 206929

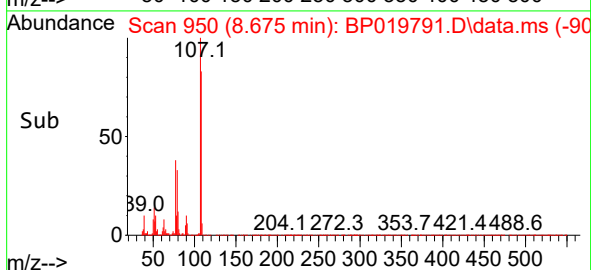
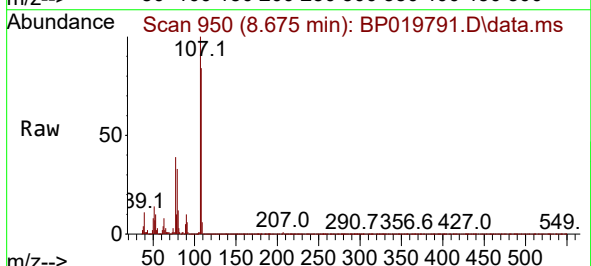
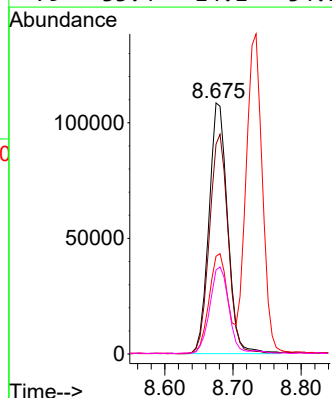
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

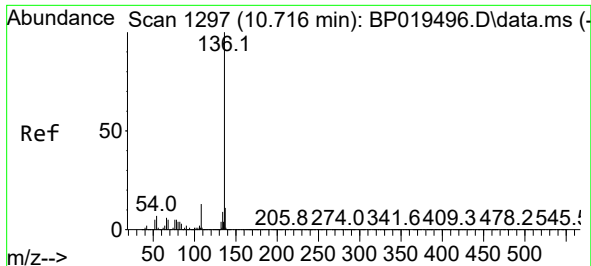
107	100		
-----	-----	--	--

108	83.6	65.5	105.5
-----	------	------	-------

77	38.9	21.8	61.8
----	------	------	------

79	33.4	14.1	54.1
----	------	------	------

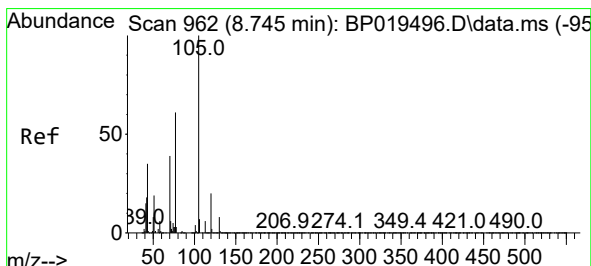
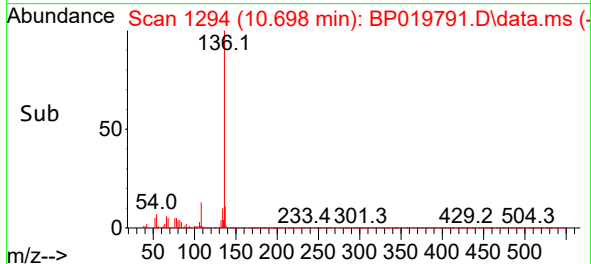
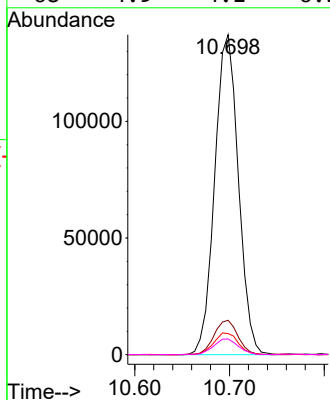
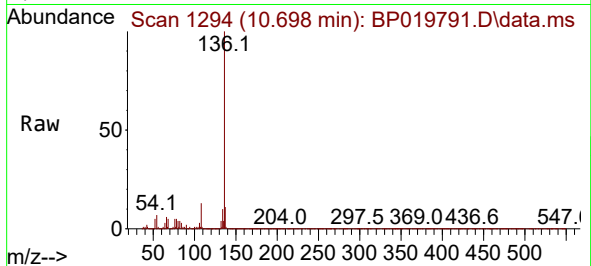




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.698 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

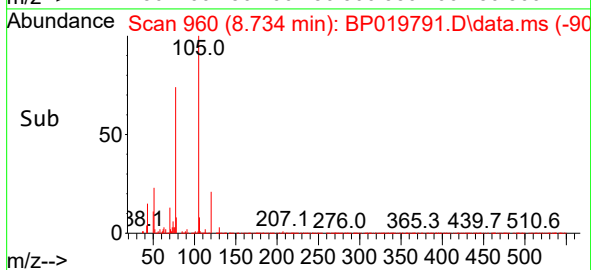
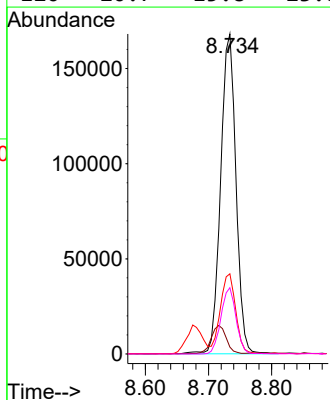
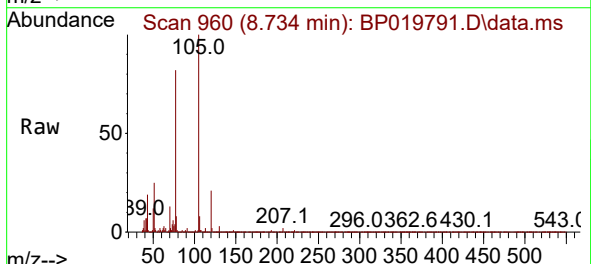
Instrument : BNA_P
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS

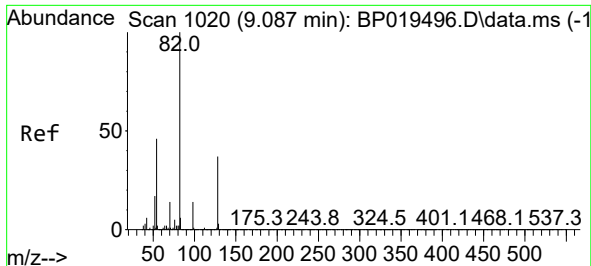
Tgt Ion:	136	Resp:	238177
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.6	5.3	7.9
68	4.9	4.1	6.1



#22
Acetophenone
Concen: 41.876 ng
RT: 8.734 min Scan# 960
Delta R.T. -0.000 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

Tgt Ion:	105	Resp:	284142
Ion	Ratio	Lower	Upper
105	100		
71	2.1	4.9	7.3
51	25.1	20.7	31.1
120	20.7	15.8	23.8

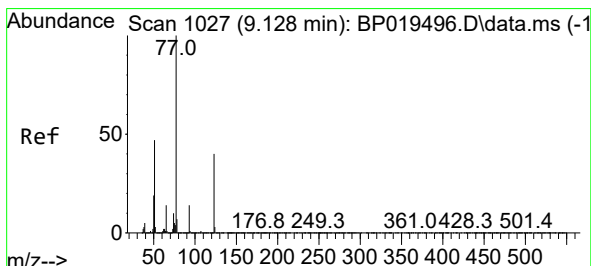
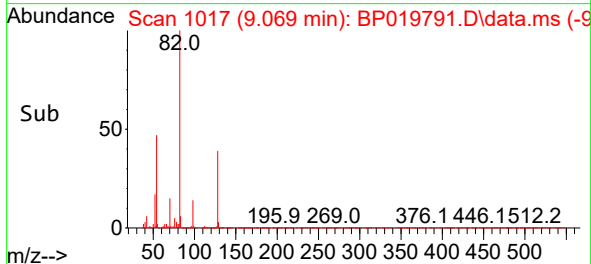
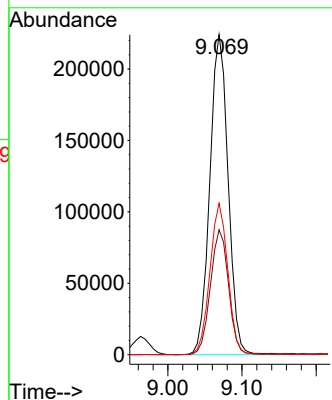
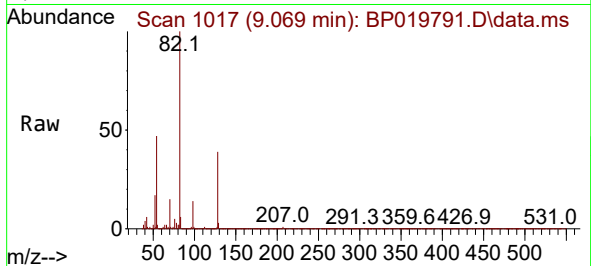




#23
Nitrobenzene-d5
Concen: 69.876 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

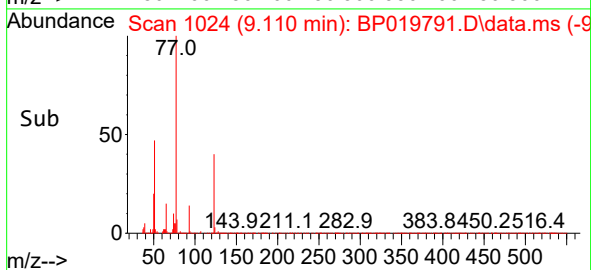
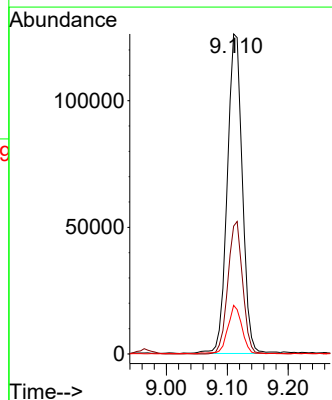
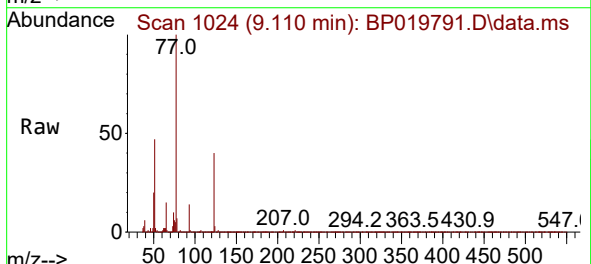
Instrument :
BNA_P
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS

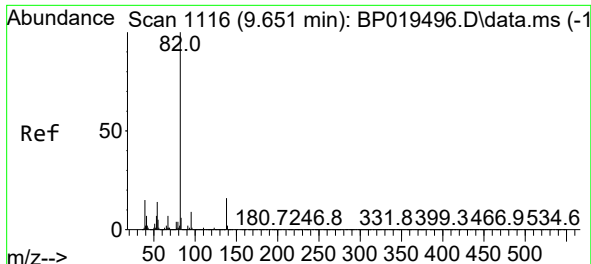
Tgt Ion: 82 Resp: 384084
Ion Ratio Lower Upper
82 100
128 39.0 29.7 44.5
54 47.3 36.8 55.2



#24
Nitrobenzene
Concen: 39.271 ng
RT: 9.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

Tgt Ion: 77 Resp: 217338
Ion Ratio Lower Upper
77 100
123 39.9 32.3 48.5
65 15.2 11.6 17.4

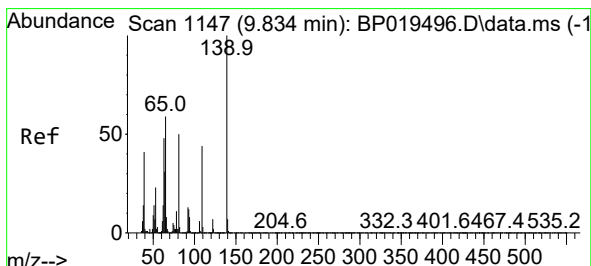
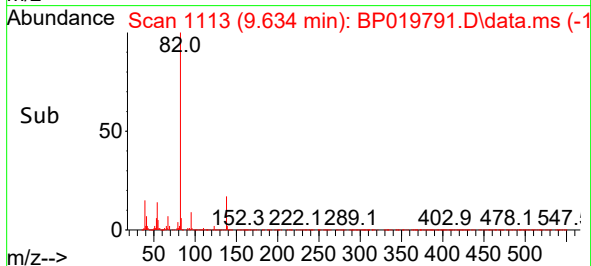
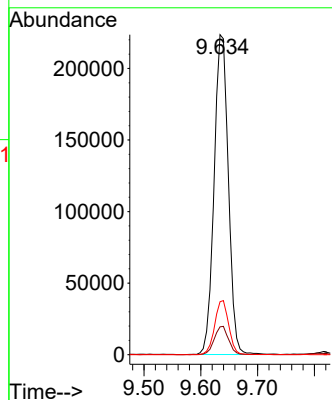
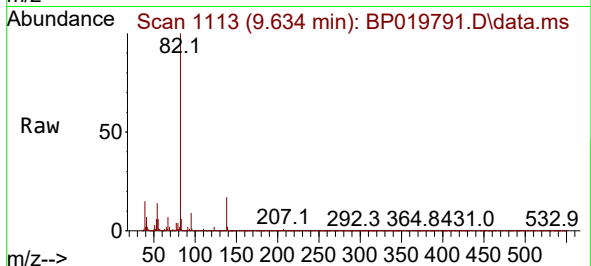




#25
Isophorone
Concen: 40.572 ng
RT: 9.634 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

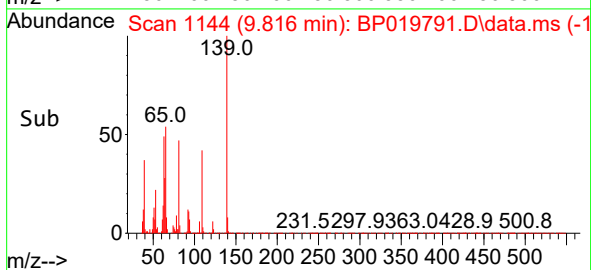
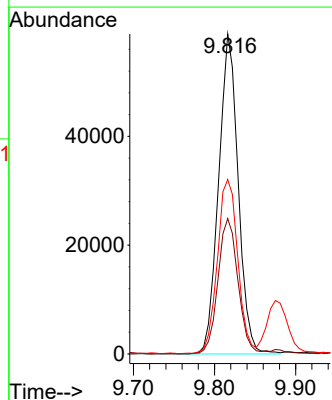
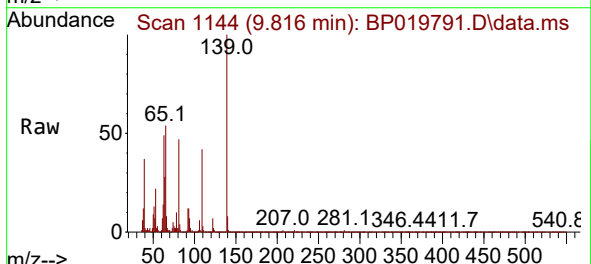
Instrument :
BNA_P
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS

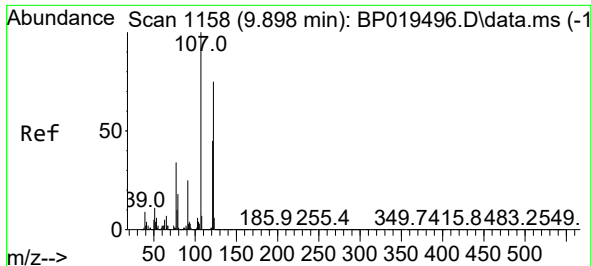
Tgt Ion: 82 Resp: 388386
Ion Ratio Lower Upper
82 100
95 8.7 7.0 10.4
138 16.5 13.1 19.7



#26
2-Nitrophenol
Concen: 46.670 ng
RT: 9.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

Tgt Ion: 139 Resp: 98482
Ion Ratio Lower Upper
139 100
109 42.3 34.9 52.3
65 54.5 47.5 71.3

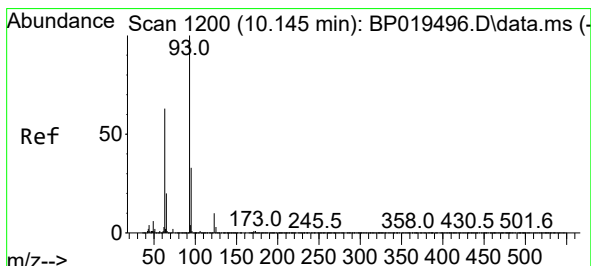
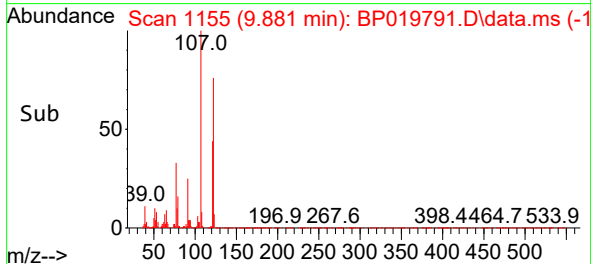
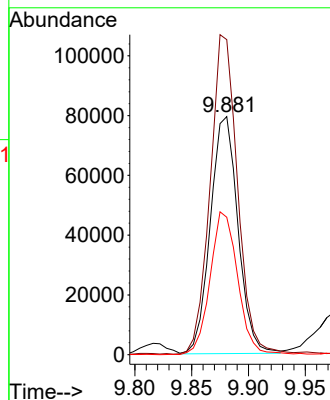
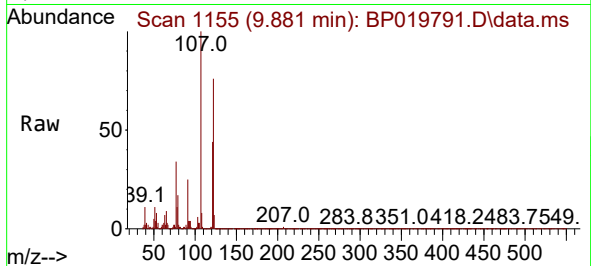




#27
2,4-Dimethylphenol
Concen: 49.777 ng
RT: 9.881 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

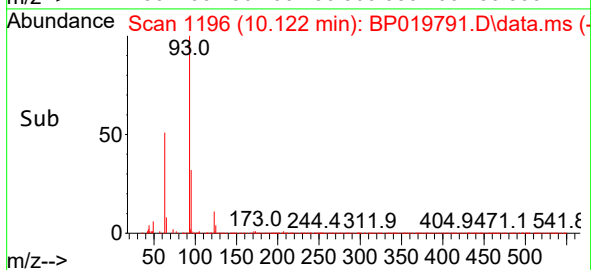
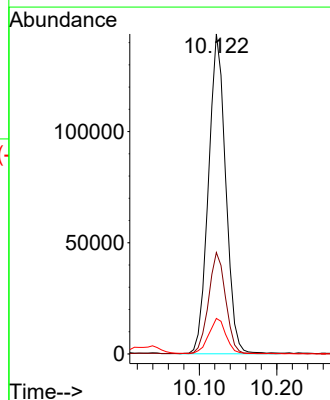
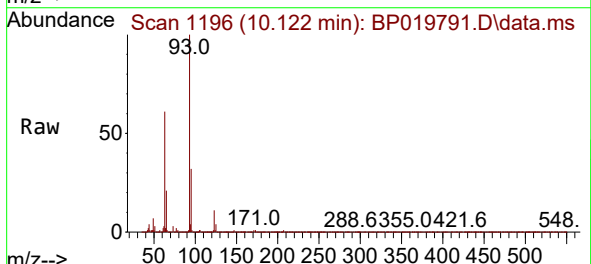
Instrument :
BNA_P
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS

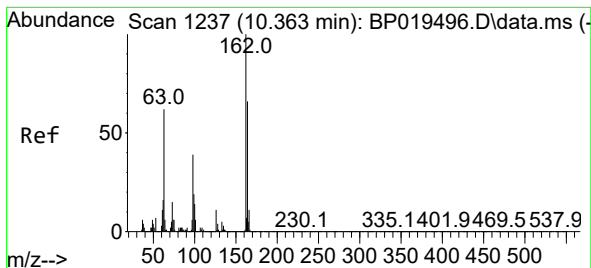
Tgt Ion:122 Resp: 134313
Ion Ratio Lower Upper
122 100
107 132.3 105.9 158.9
121 57.7 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 41.018 ng
RT: 10.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

Tgt Ion: 93 Resp: 222159
Ion Ratio Lower Upper
93 100
95 31.7 26.2 39.4
123 11.1 8.5 12.7

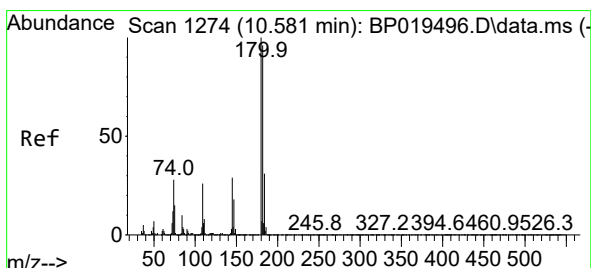
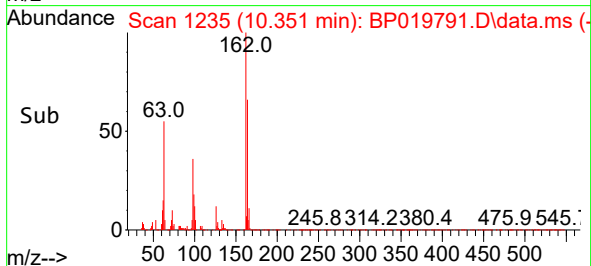
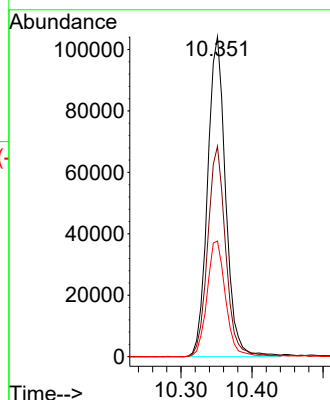
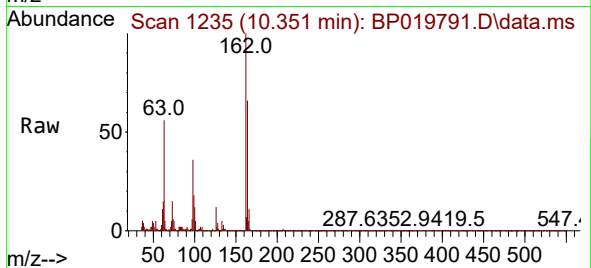




#29
2,4-Dichlorophenol
Concen: 45.126 ng
RT: 10.351 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

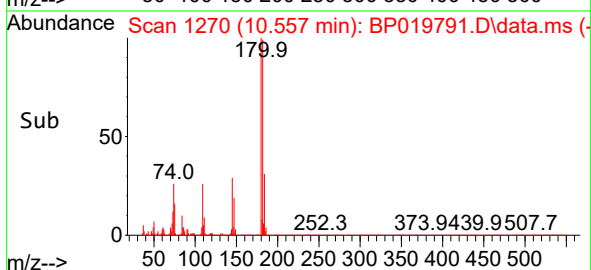
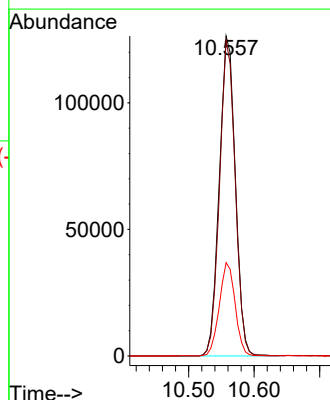
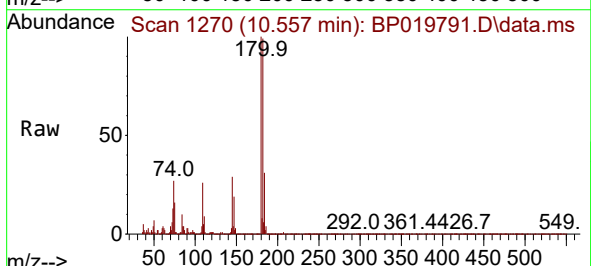
Instrument :
BNA_P
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS

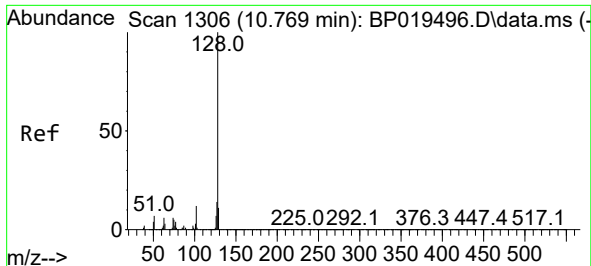
Tgt Ion:162 Resp: 184063
Ion Ratio Lower Upper
162 100
164 65.7 46.0 86.0
98 36.1 18.7 58.7



#30
1,2,4-Trichlorobenzene
Concen: 42.726 ng
RT: 10.557 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

Tgt Ion:180 Resp: 213679
Ion Ratio Lower Upper
180 100
182 98.6 77.0 115.6
145 29.2 23.2 34.8

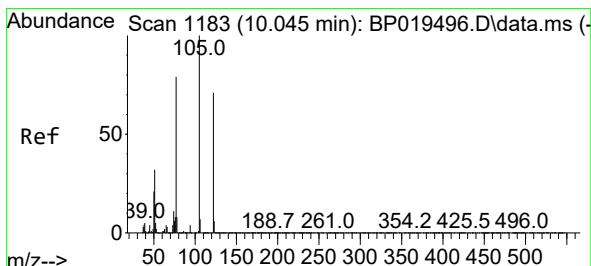
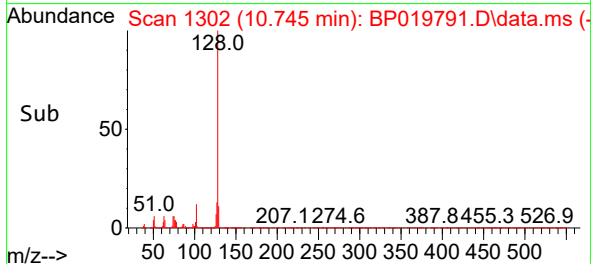
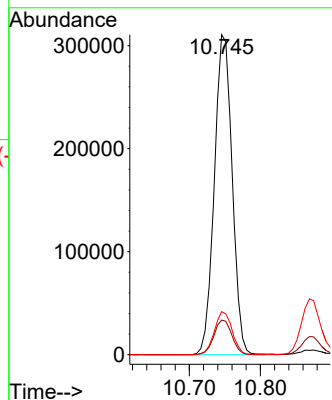
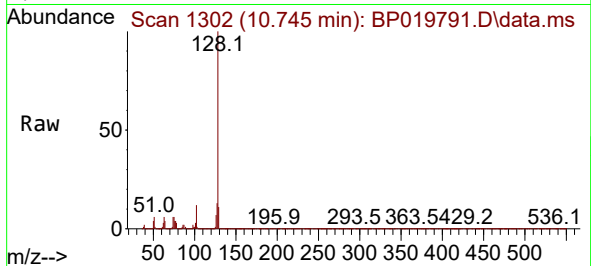




#31
Naphthalene
Concen: 41.396 ng
RT: 10.745 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

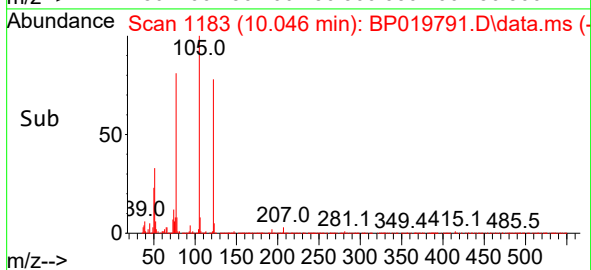
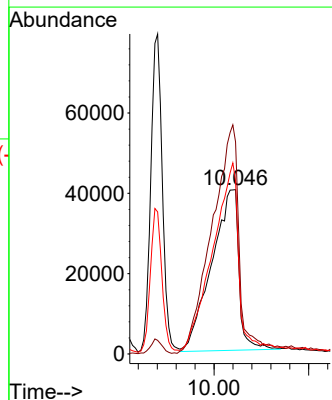
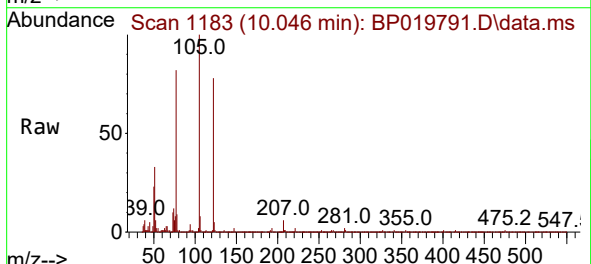
Instrument :
BNA_P
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS

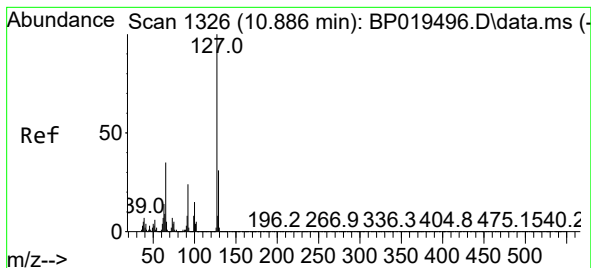
Tgt Ion:128 Resp: 540759
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 60.922 ng
RT: 10.046 min Scan# 1183
Delta R.T. 0.018 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

Tgt Ion:122 Resp: 160162
Ion Ratio Lower Upper
122 100
105 129.0 118.8 158.8
77 105.4 91.7 131.7

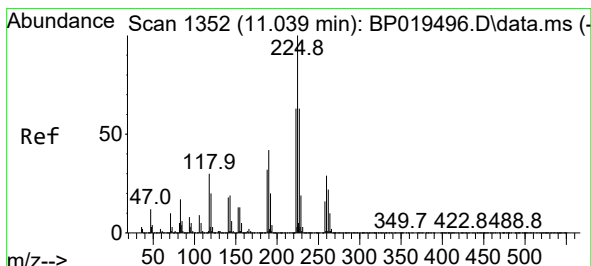
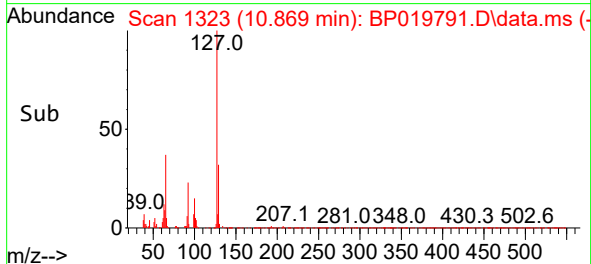
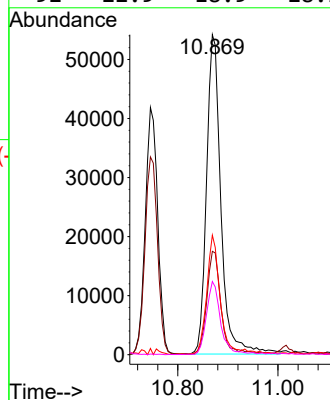
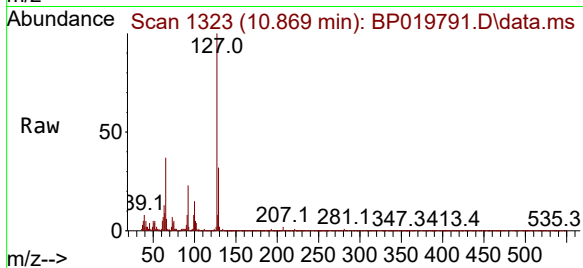




#33
4-Chloroaniline
Concen: 22.367 ng
RT: 10.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

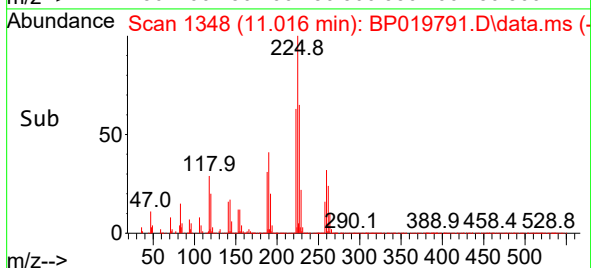
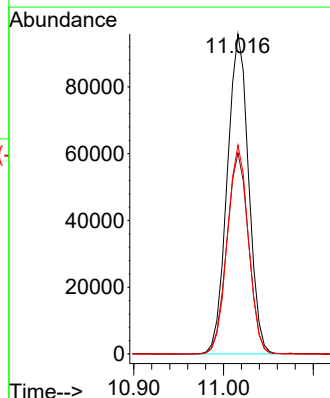
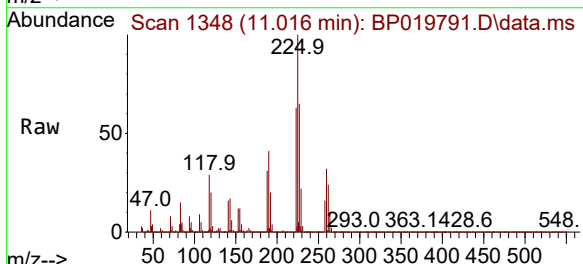
Instrument :
BNA_P
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS

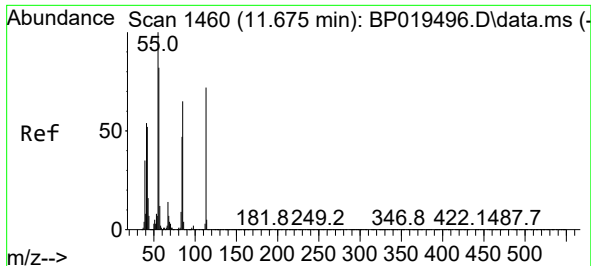
Tgt Ion:	127	Resp:	108053
Ion	Ratio	Lower	Upper
127	100		
129	32.3	24.6	36.8
65	37.4	28.2	42.4
92	22.9	18.9	28.3



#34
Hexachlorobutadiene
Concen: 42.705 ng
RT: 11.016 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

Tgt Ion:	225	Resp:	158266
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.5	75.7
227	65.2	50.2	75.2

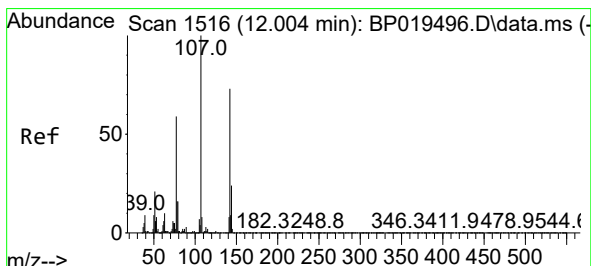
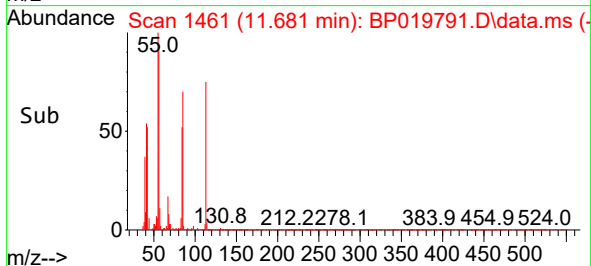
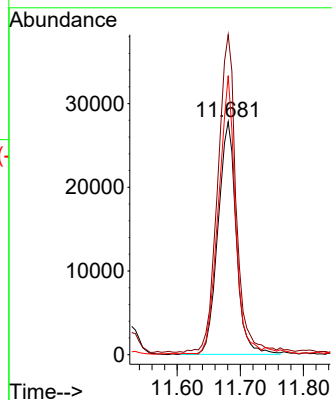
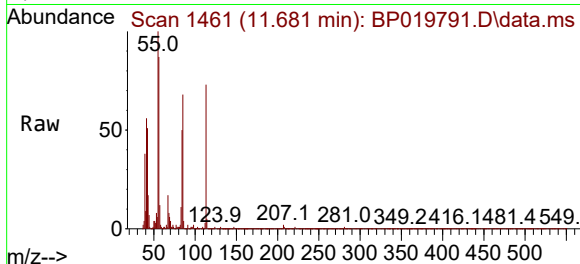




#35
Caprolactam
Concen: 48.283 ng
RT: 11.681 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

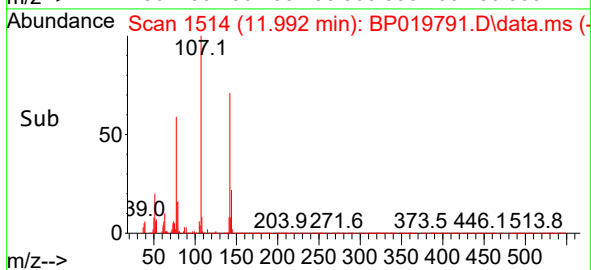
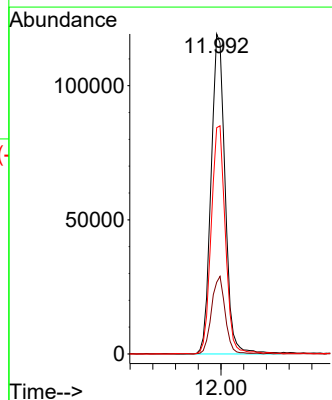
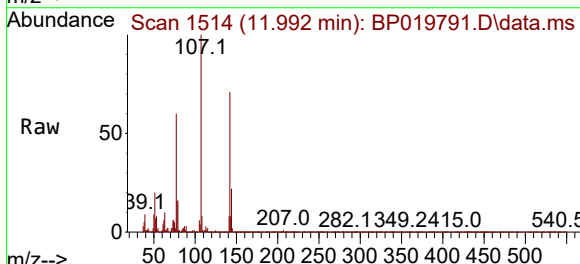
Instrument :
BNA_P
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS

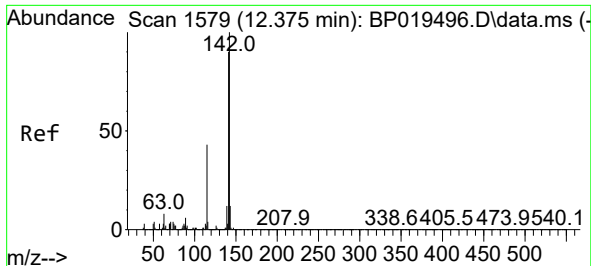
Tgt Ion:113 Resp: 55753
Ion Ratio Lower Upper
113 100
55 137.3 120.0 160.0
56 119.7 94.0 134.0



#36
4-Chloro-3-methylphenol
Concen: 45.787 ng
RT: 11.992 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

Tgt Ion:107 Resp: 203637
Ion Ratio Lower Upper
107 100
144 22.4 19.0 28.4
142 70.7 58.6 88.0

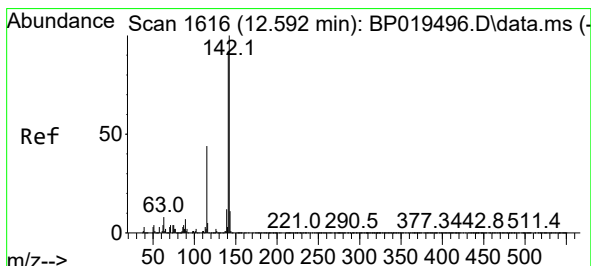
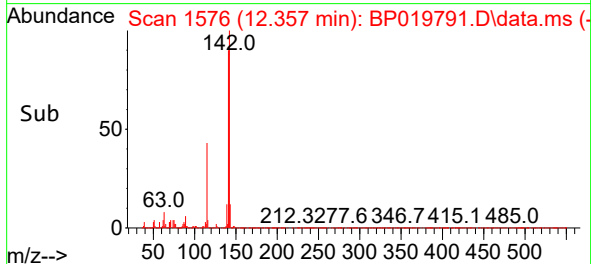
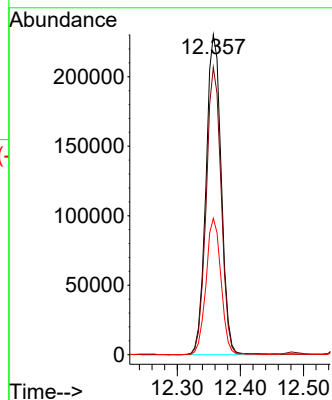
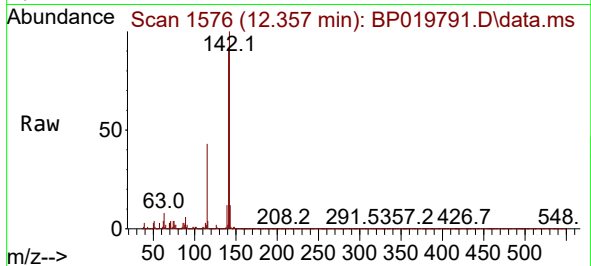




#37
2-Methylnaphthalene
Concen: 42.586 ng
RT: 12.357 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

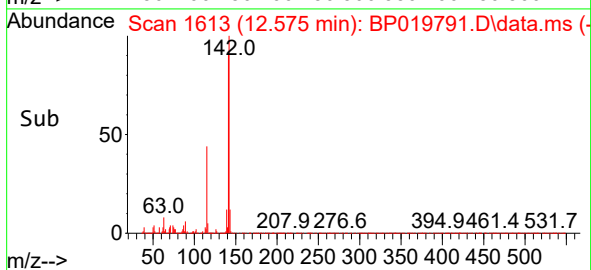
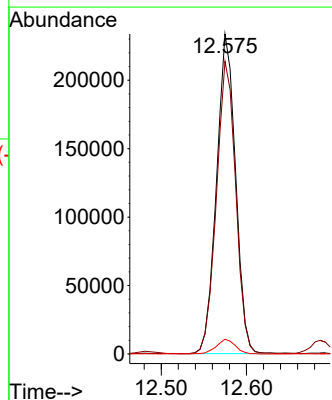
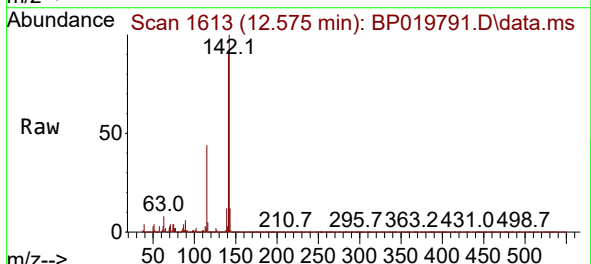
Instrument :
BNA_P
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS

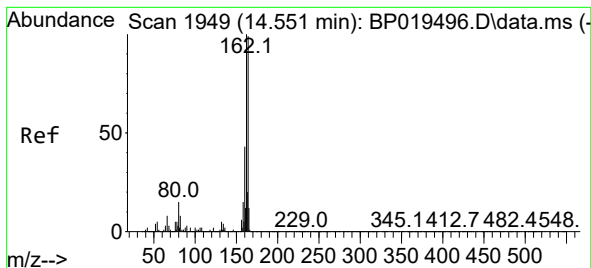
Tgt Ion:142 Resp: 384981
Ion Ratio Lower Upper
142 100
141 89.8 72.2 108.4
115 42.6 34.2 51.2



#38
1-Methylnaphthalene
Concen: 40.852 ng
RT: 12.575 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

Tgt Ion:142 Resp: 362926
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# 1638

Delta R.T. -0.006 min

Lab File: BP019791.D

Acq: 20 Feb 2024 18:10

Instrument :

BNA_P

ClientSampleId :

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

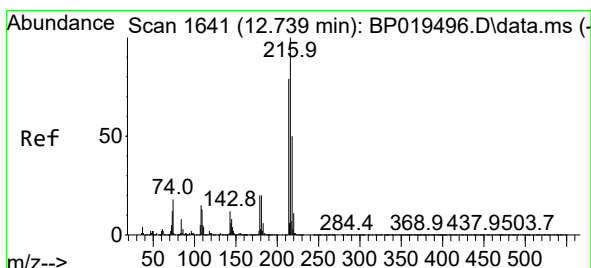
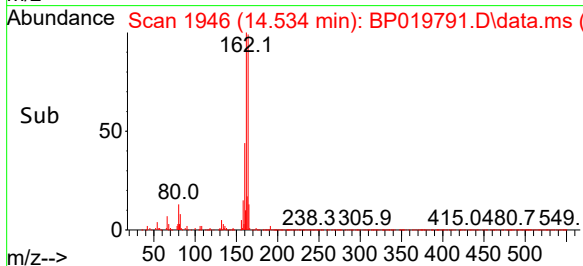
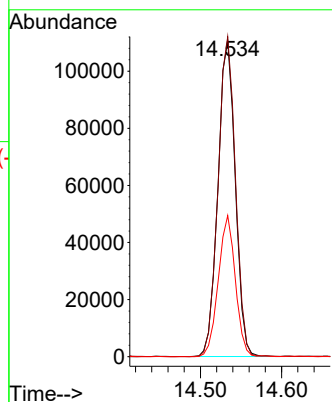
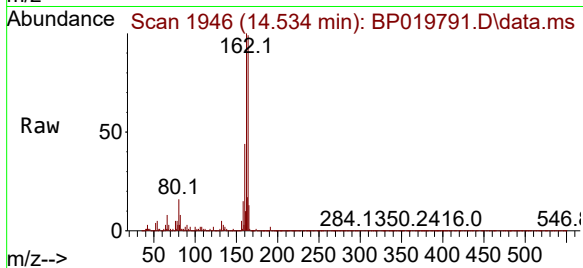
Tgt Ion:164 Resp: 164393

Ion Ratio Lower Upper

164 100

162 101.4 81.2 121.8

160 44.7 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.304 ng

RT: 12.722 min Scan# 1638

Delta R.T. -0.006 min

Lab File: BP019791.D

Acq: 20 Feb 2024 18:10

Tgt Ion:216 Resp: 268211

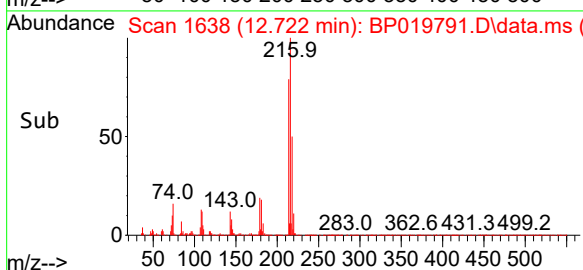
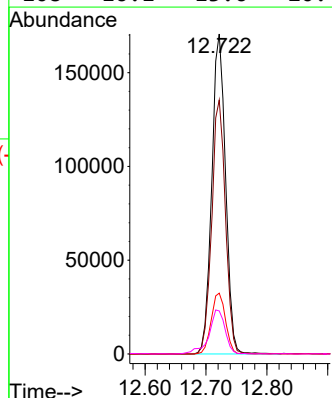
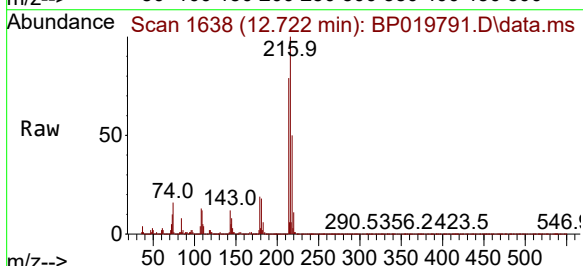
Ion Ratio Lower Upper

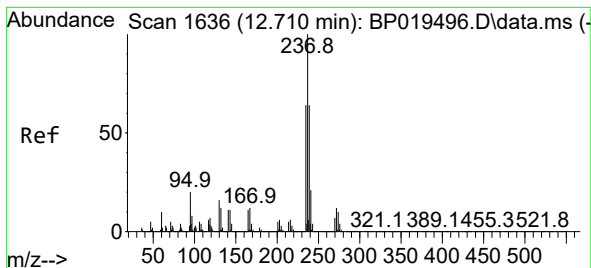
216 100

214 79.2 62.8 94.2

179 19.8 16.6 24.8

108 16.1 13.6 20.4

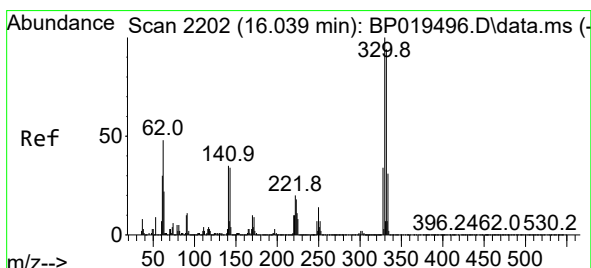
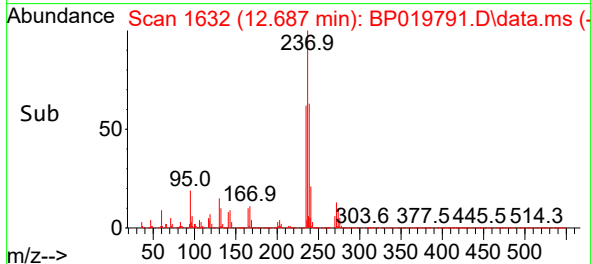
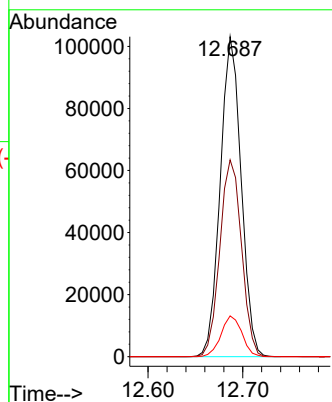
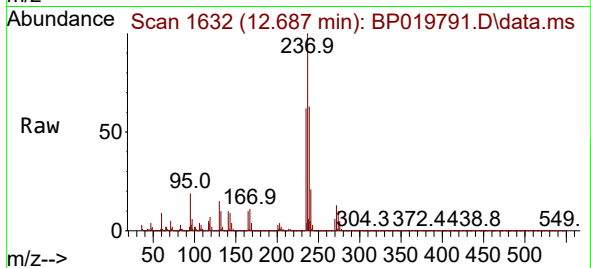




#41
Hexachlorocyclopentadiene
Concen: 55.279 ng
RT: 12.687 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

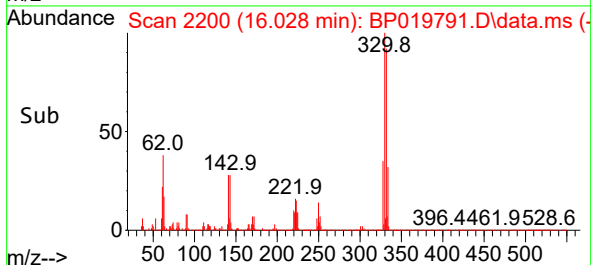
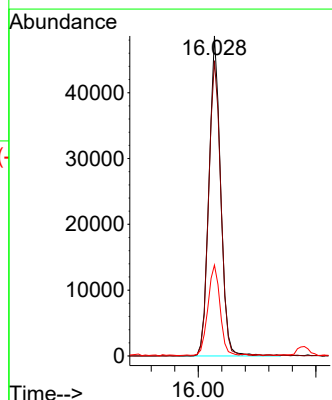
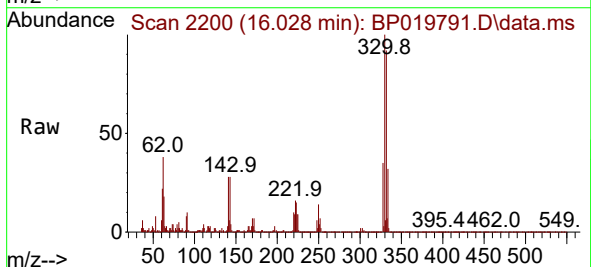
Instrument :
BNA_P
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS

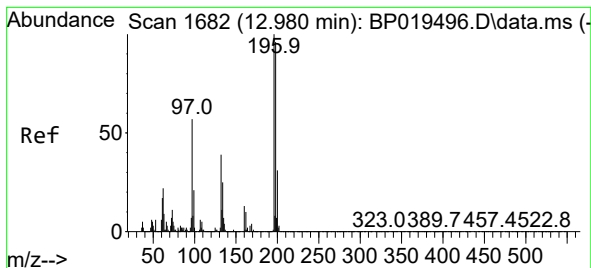
Tgt Ion:237 Resp: 158325
Ion Ratio Lower Upper
237 100
235 61.5 43.7 83.7
272 12.8 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 27.855 ng
RT: 16.028 min Scan# 2200
Delta R.T. -0.006 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

Tgt Ion:330 Resp: 66860
Ion Ratio Lower Upper
330 100
332 95.8 77.2 115.8
141 29.4 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 44.976 ng

RT: 12.969 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019791.D

Acq: 20 Feb 2024 18:10

Instrument :

BNA_P

ClientSampleId :

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

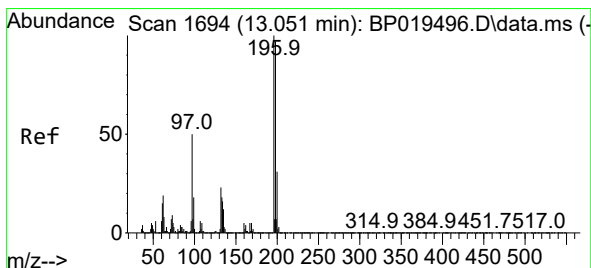
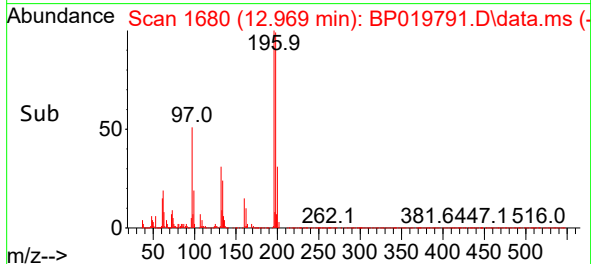
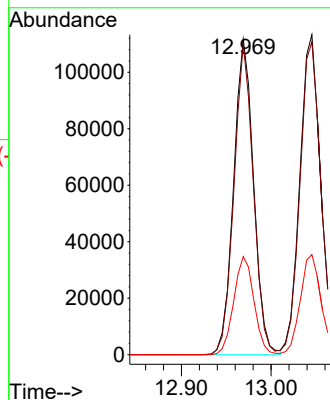
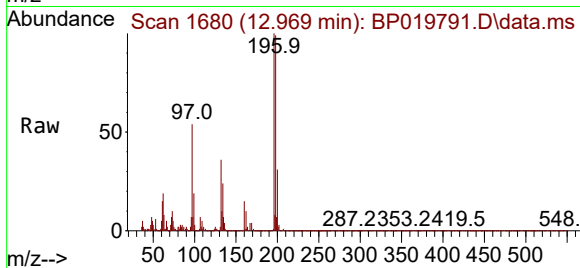
Tgt Ion:196 Resp: 172666

Ion Ratio Lower Upper

196 100

198 98.6 76.7 115.1

200 31.1 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 43.766 ng

RT: 13.045 min Scan# 1693

Delta R.T. -0.000 min

Lab File: BP019791.D

Acq: 20 Feb 2024 18:10

Tgt Ion:196 Resp: 184499

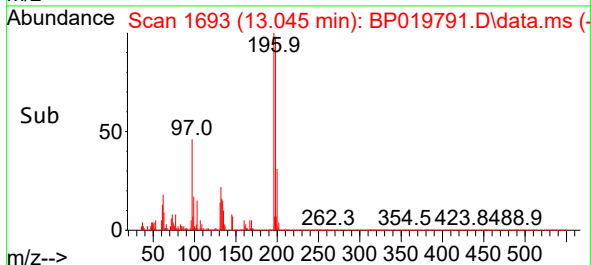
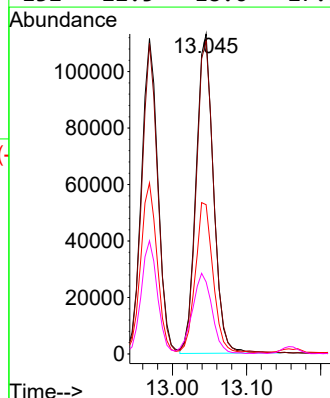
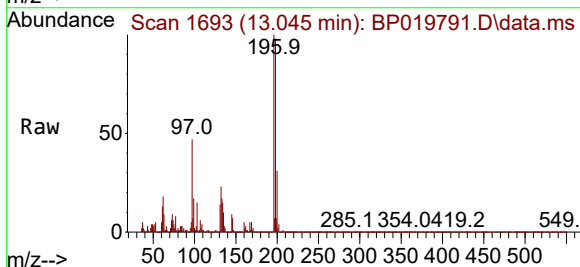
Ion Ratio Lower Upper

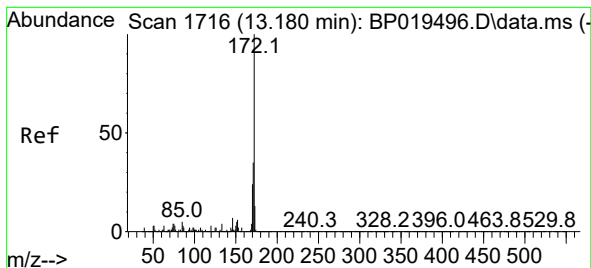
196 100

198 97.8 77.5 116.3

97 46.7 39.9 59.9

132 22.5 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 64.296 ng

RT: 13.157 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP019791.D

Acq: 20 Feb 2024 18:10

Instrument :

BNA_P

ClientSampleId :

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

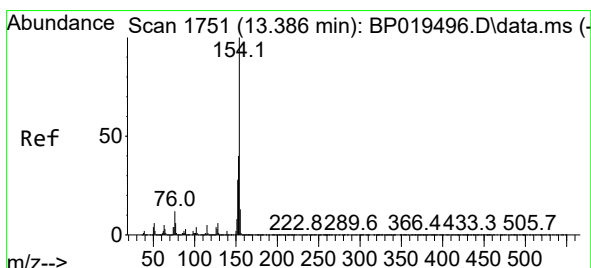
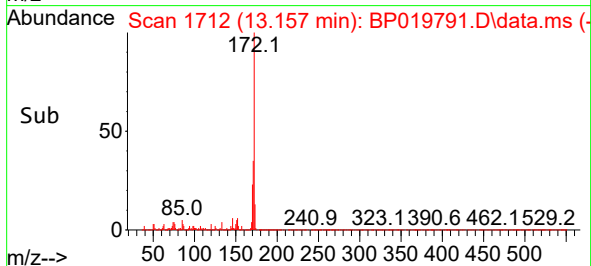
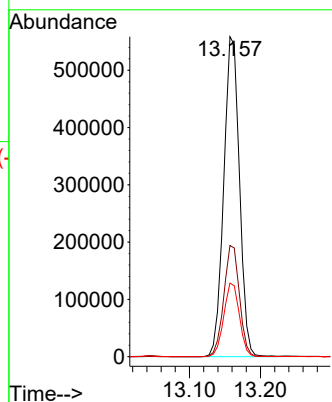
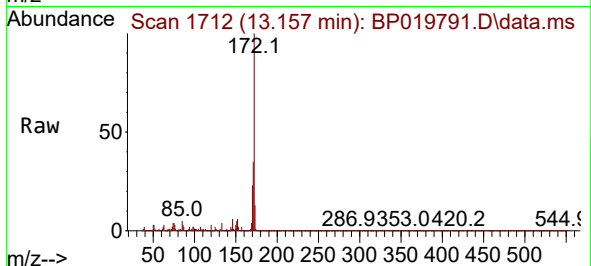
Tgt Ion:172 Resp: 855001

Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.4

170 23.0 18.9 28.3



#46

1,1'-Biphenyl

Concen: 40.060 ng

RT: 13.369 min Scan# 1748

Delta R.T. -0.006 min

Lab File: BP019791.D

Acq: 20 Feb 2024 18:10

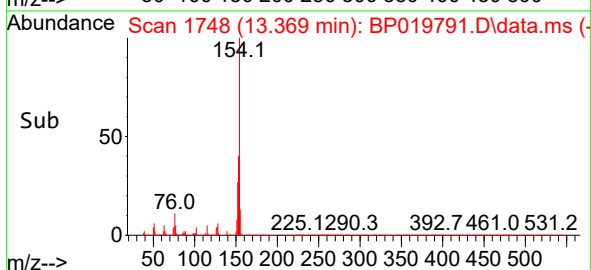
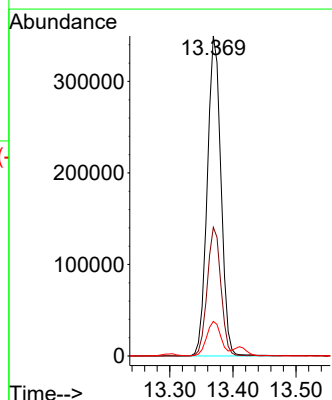
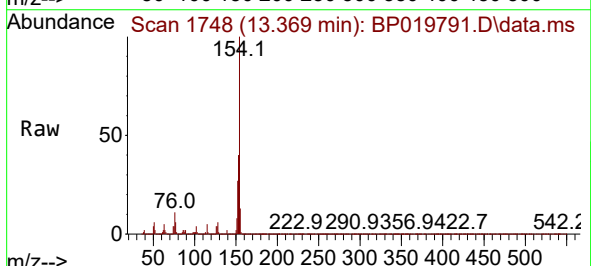
Tgt Ion:154 Resp: 525617

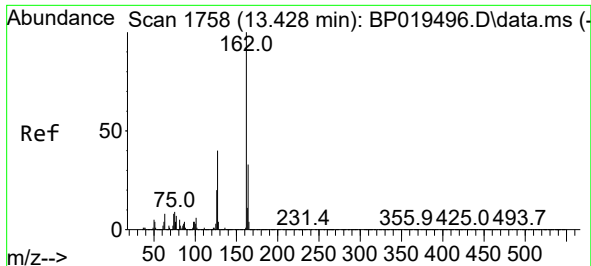
Ion Ratio Lower Upper

154 100

153 40.2 20.2 60.2

76 10.8 0.0 31.6

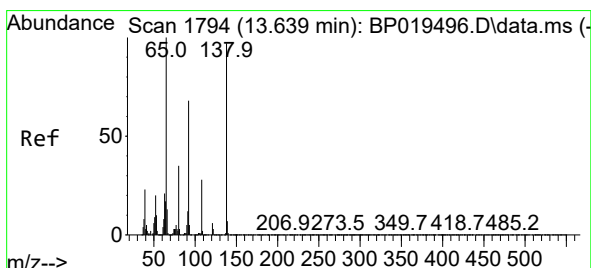
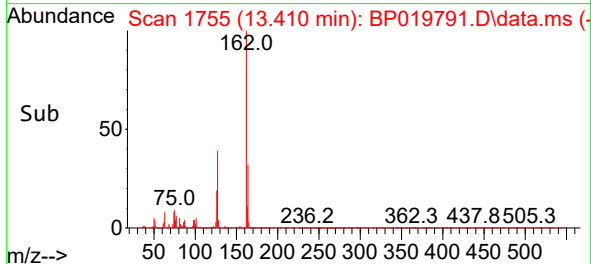
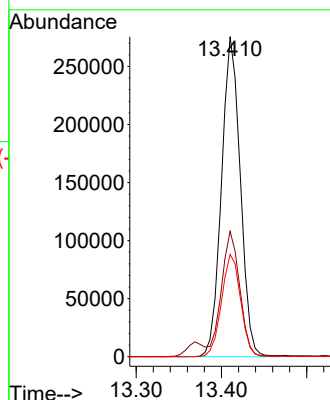
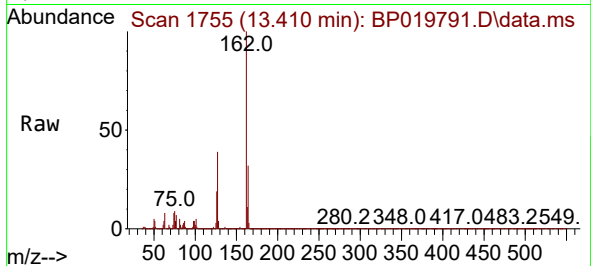




#47
2-Chloronaphthalene
Concen: 39.236 ng
RT: 13.410 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

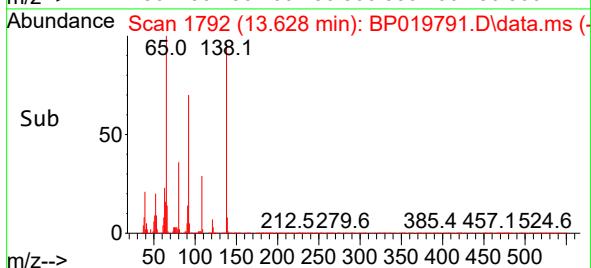
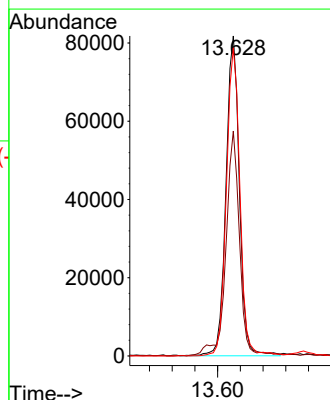
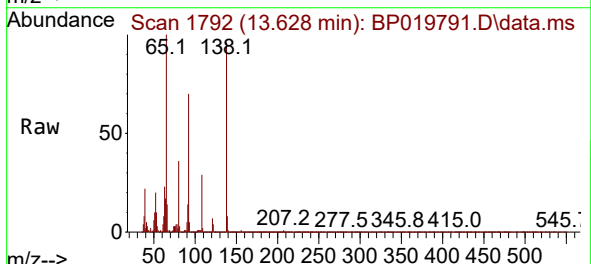
Instrument : BNA_P
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS

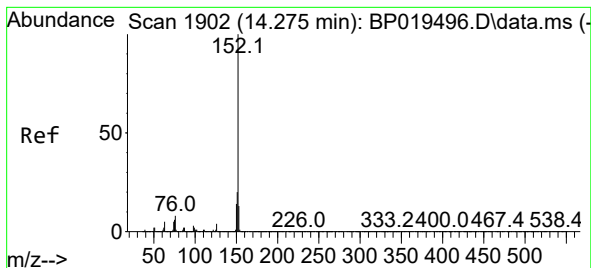
Tgt Ion:162 Resp: 422594
Ion Ratio Lower Upper
162 100
127 39.1 32.1 48.1
164 32.0 26.7 40.1



#48
2-Nitroaniline
Concen: 44.546 ng
RT: 13.628 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

Tgt Ion: 65 Resp: 134158
Ion Ratio Lower Upper
65 100
92 70.3 54.7 82.1
138 96.3 77.8 116.6





#49

Acenaphthylene

Concen: 44.599 ng

RT: 14.257 min Scan# 1899

Delta R.T. -0.006 min

Lab File: BP019791.D

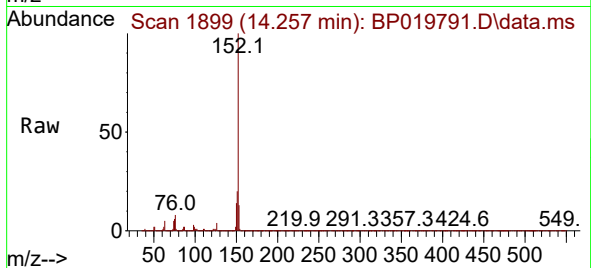
Acq: 20 Feb 2024 18:10

Instrument :

BNA_P

ClientSampleId :

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



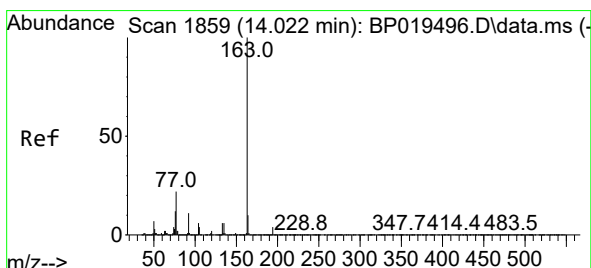
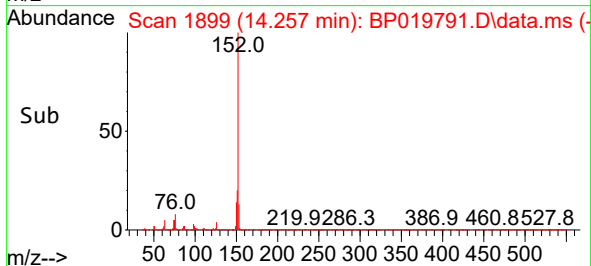
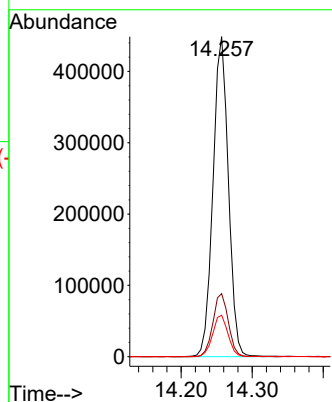
Tgt Ion:152 Resp: 673923

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

153 12.9 10.6 15.8



#50

Dimethylphthalate

Concen: 42.785 ng

RT: 14.004 min Scan# 1856

Delta R.T. -0.006 min

Lab File: BP019791.D

Acq: 20 Feb 2024 18:10

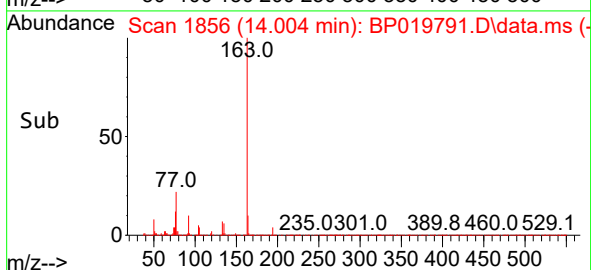
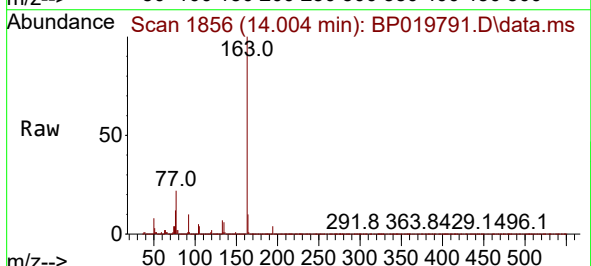
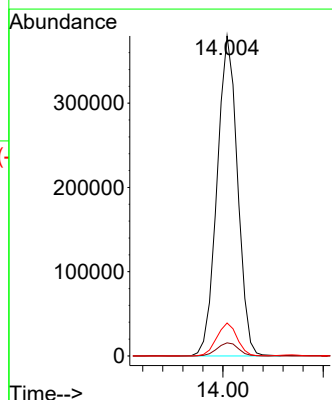
Tgt Ion:163 Resp: 538434

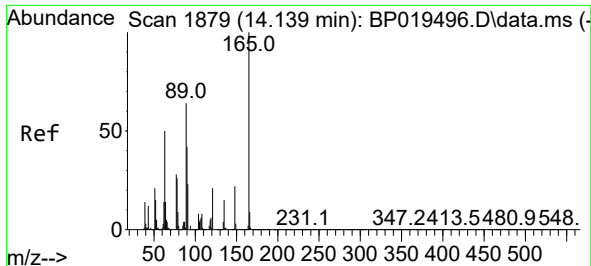
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

164 10.3 7.8 11.6

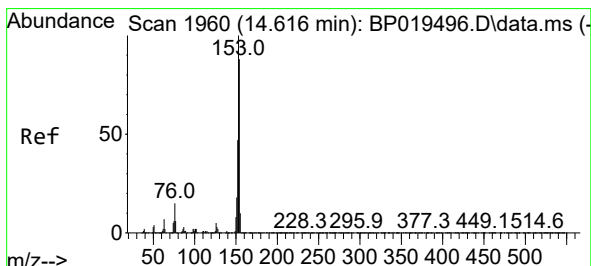
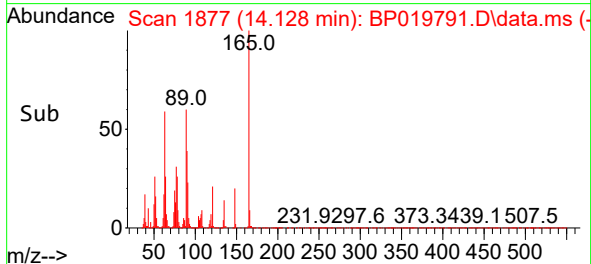
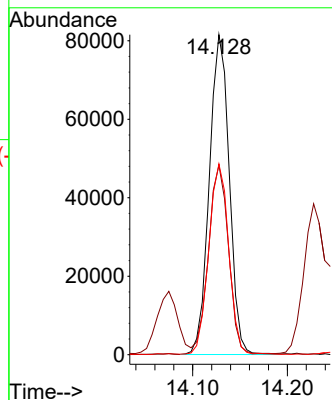
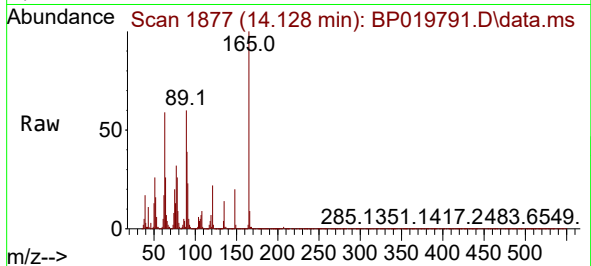




#51
2,6-Dinitrotoluene
Concen: 43.130 ng
RT: 14.128 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

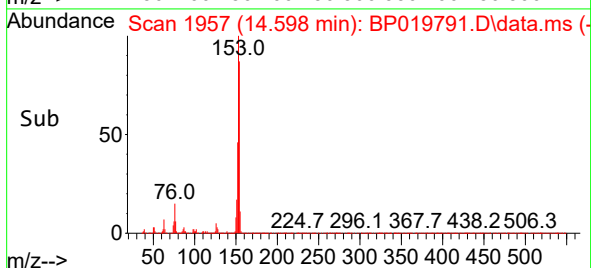
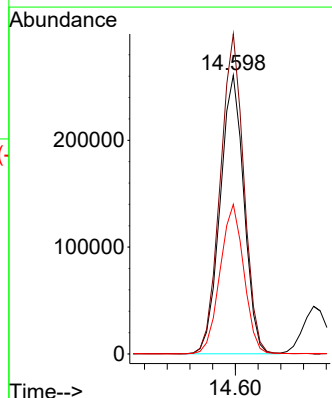
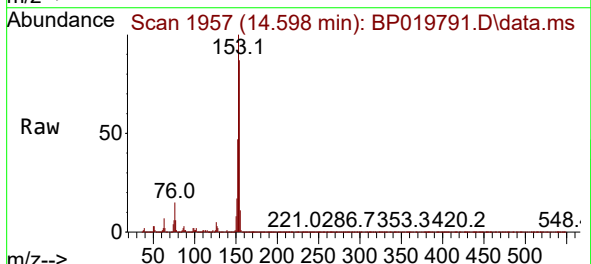
Instrument :
BNA_P
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS

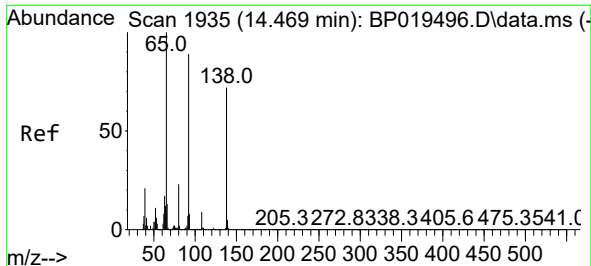
Tgt Ion:165 Resp: 119252
Ion Ratio Lower Upper
165 100
63 59.2 50.4 75.6
89 59.6 51.7 77.5



#52
Acenaphthene
Concen: 40.395 ng
RT: 14.598 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

Tgt Ion:154 Resp: 378846
Ion Ratio Lower Upper
154 100
153 114.8 90.5 135.7
152 53.7 42.1 63.1

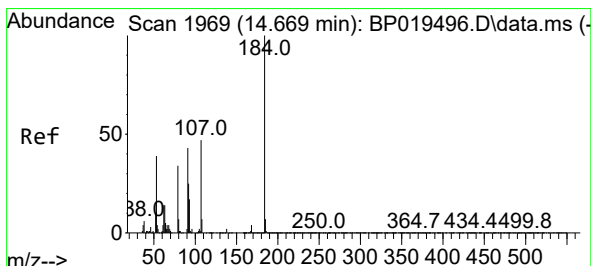
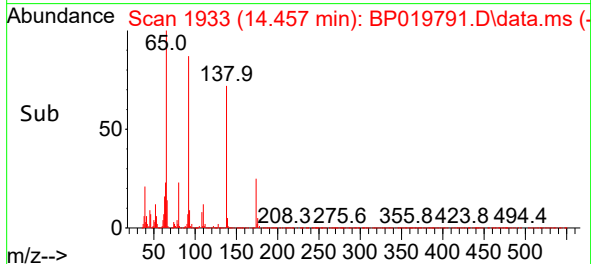
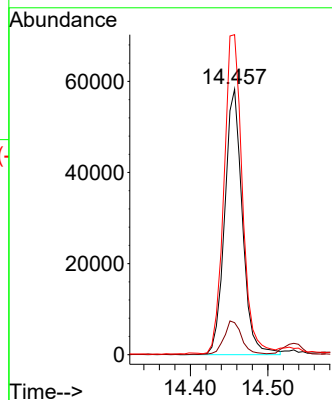
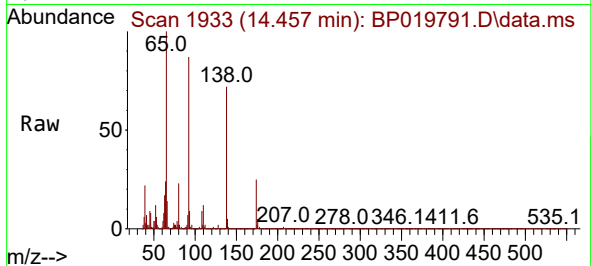




#53
3-Nitroaniline
Concen: 36.421 ng
RT: 14.457 min Scan# 1933
Delta R.T. -0.000 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

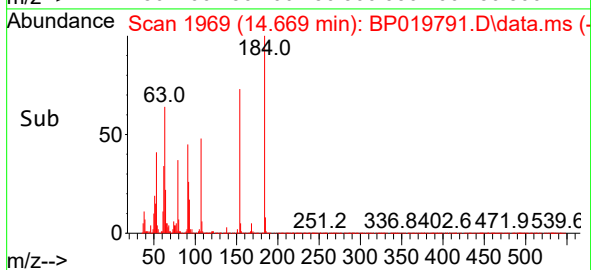
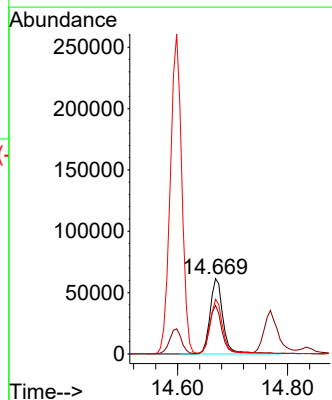
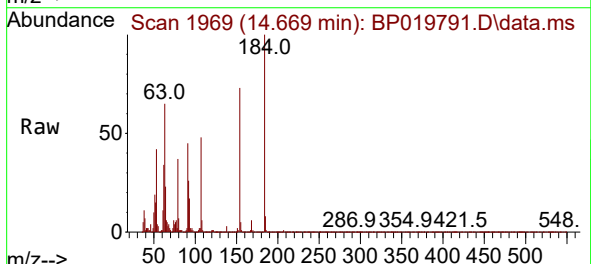
Instrument :
BNA_P
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS

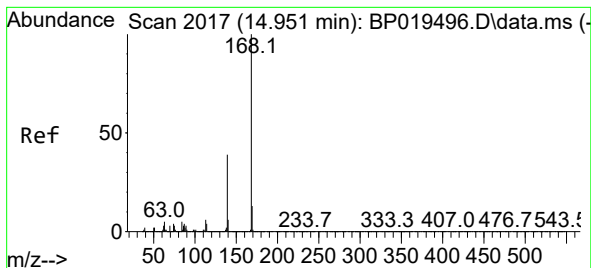
Tgt Ion:138 Resp: 92545
Ion Ratio Lower Upper
138 100
108 12.1 9.7 14.5
92 120.6 98.0 147.0



#54
2,4-Dinitrophenol
Concen: 70.245 ng
RT: 14.669 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

Tgt Ion:184 Resp: 100843
Ion Ratio Lower Upper
184 100
63 64.6 50.5 75.7
154 72.7 53.4 80.0





#55

Dibenzenofuran

Concen: 42.401 ng

RT: 14.934 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BP019791.D

Acq: 20 Feb 2024 18:10

Instrument :

BNA_P

ClientSampleId :

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

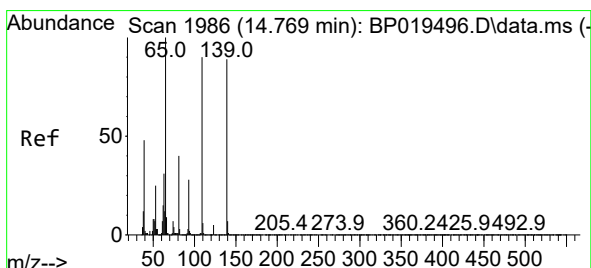
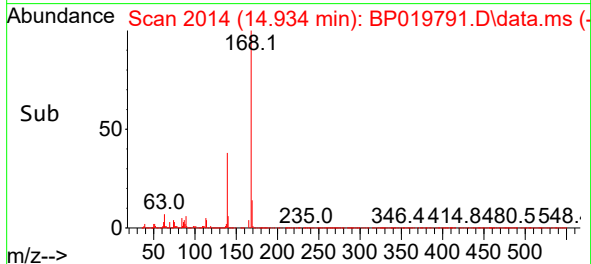
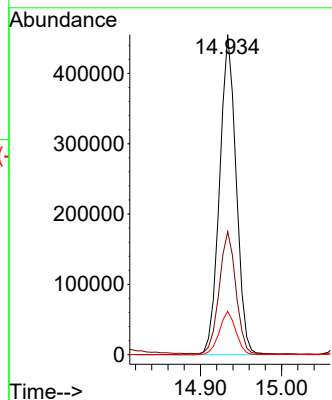
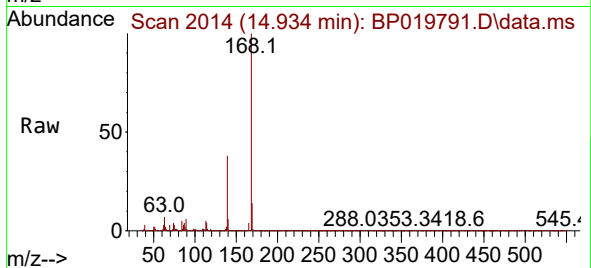
Tgt Ion:168 Resp: 647667

Ion Ratio Lower Upper

168 100

139 38.4 31.5 47.3

169 13.6 10.3 15.5



#56

4-Nitrophenol

Concen: 92.087 ng

RT: 14.769 min Scan# 1986

Delta R.T. -0.000 min

Lab File: BP019791.D

Acq: 20 Feb 2024 18:10

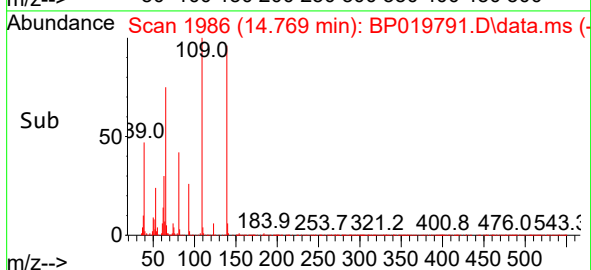
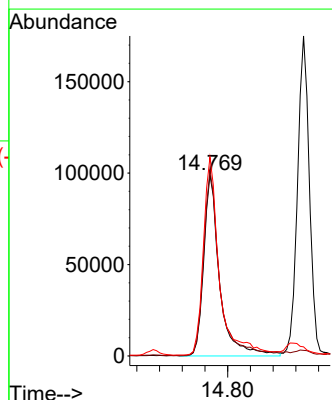
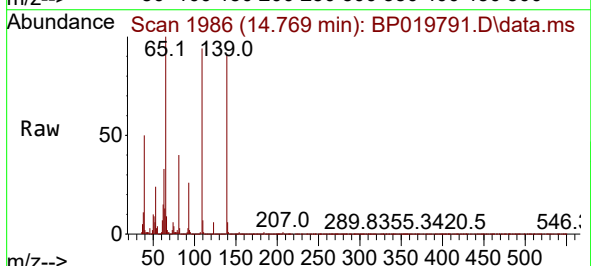
Tgt Ion:139 Resp: 191790

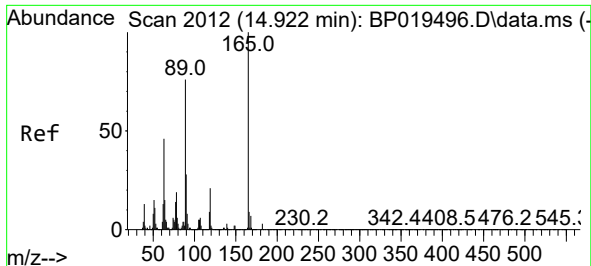
Ion Ratio Lower Upper

139 100

109 103.1 82.0 122.0

65 109.9 92.9 132.9





#57

2,4-Dinitrotoluene

Concen: 45.877 ng

RT: 14.916 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BP019791.D

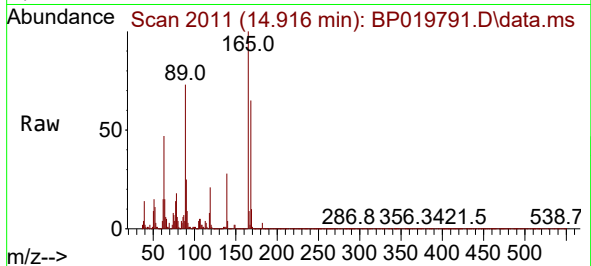
Acq: 20 Feb 2024 18:10

Instrument :

BNA_P

ClientSampleId :

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



Tgt Ion:165 Resp: 166226

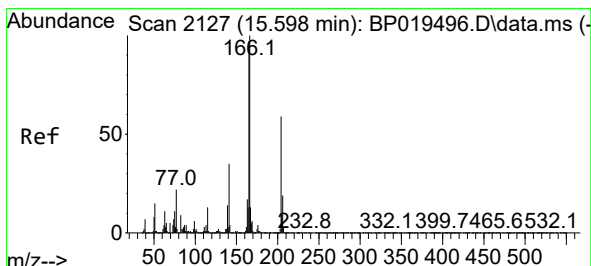
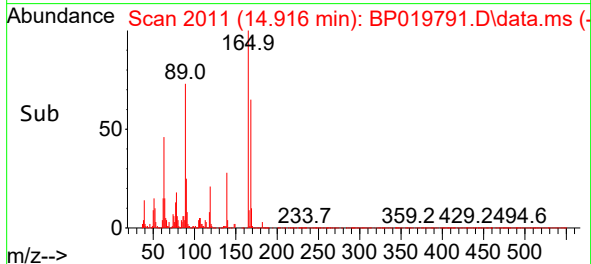
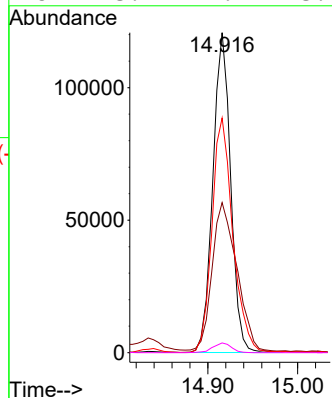
Ion Ratio Lower Upper

165 100

63 46.9 36.9 55.3

89 73.4 61.1 91.7

182 3.1 2.2 3.2



#58

Fluorene

Concen: 43.178 ng

RT: 15.586 min Scan# 2125

Delta R.T. -0.006 min

Lab File: BP019791.D

Acq: 20 Feb 2024 18:10

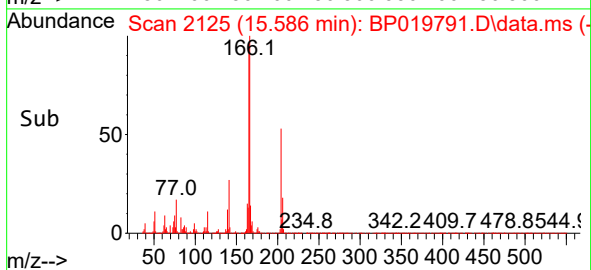
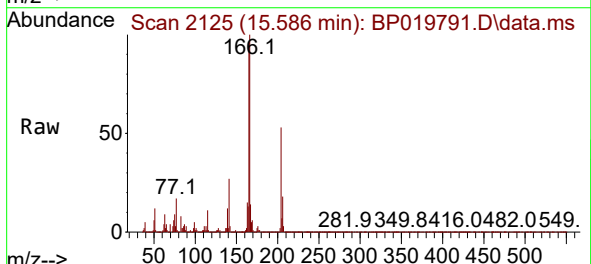
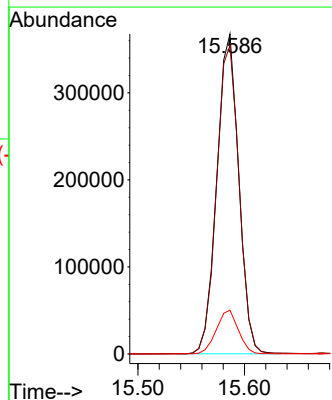
Tgt Ion:166 Resp: 525310

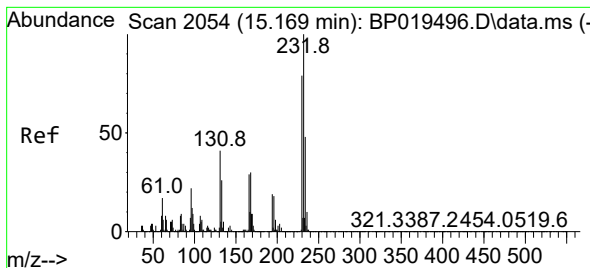
Ion Ratio Lower Upper

166 100

165 96.4 77.8 116.8

167 13.7 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 52.035 ng

RT: 15.163 min Scan# 2054

Delta R.T. -0.000 min

Lab File: BP019791.D

Acq: 20 Feb 2024 18:10

Instrument :

BNA_P

ClientSampleId :

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

Tgt Ion:232 Resp: 184509

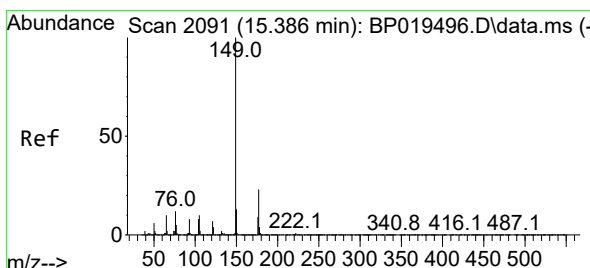
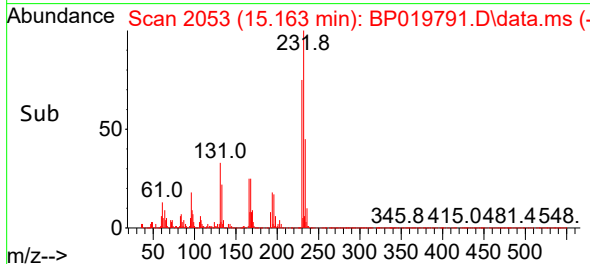
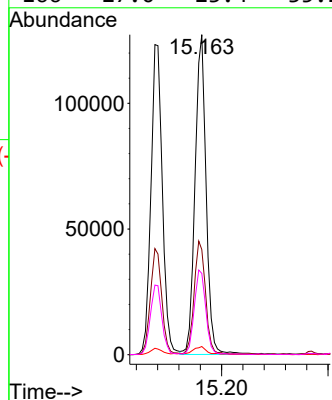
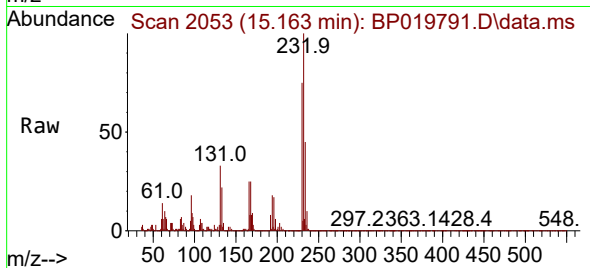
Ion Ratio Lower Upper

232 100

131 36.4 32.4 48.6

130 2.9 1.9 2.9#

166 27.0 23.4 35.2



#60

Diethylphthalate

Concen: 43.253 ng

RT: 15.369 min Scan# 2088

Delta R.T. -0.006 min

Lab File: BP019791.D

Acq: 20 Feb 2024 18:10

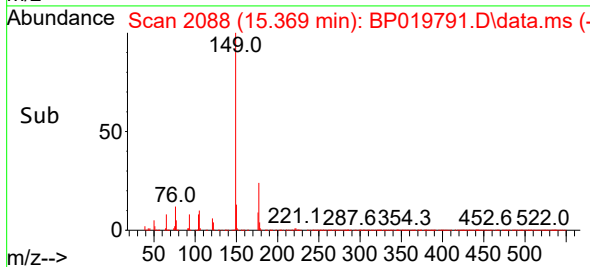
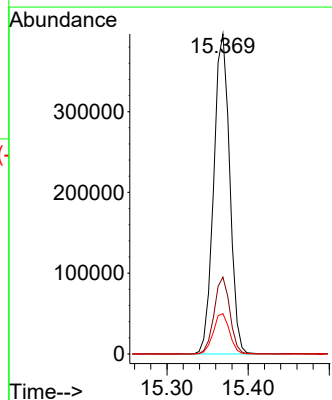
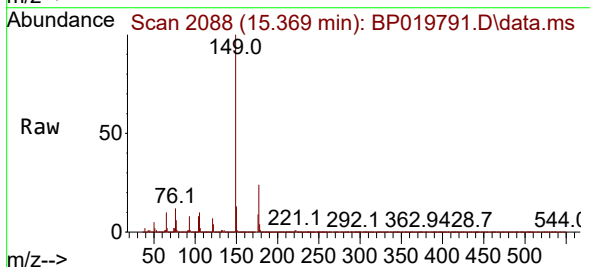
Tgt Ion:149 Resp: 541423

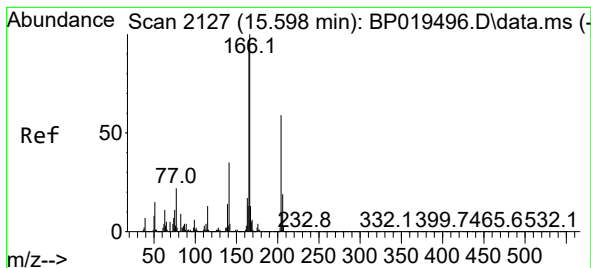
Ion Ratio Lower Upper

149 100

177 24.0 18.2 27.2

150 12.6 10.2 15.4

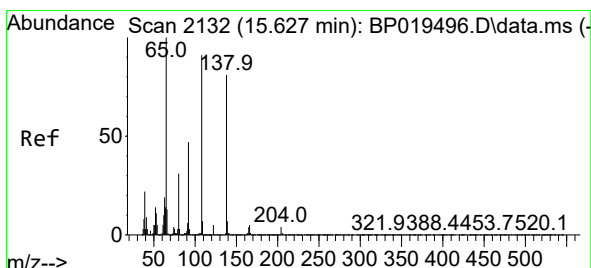
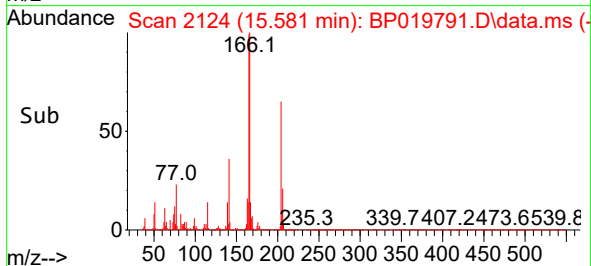
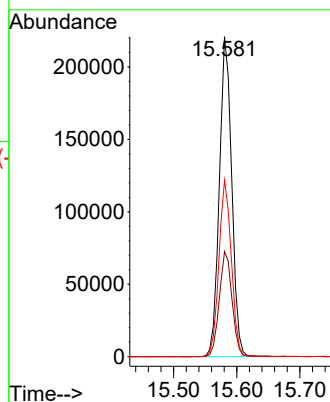
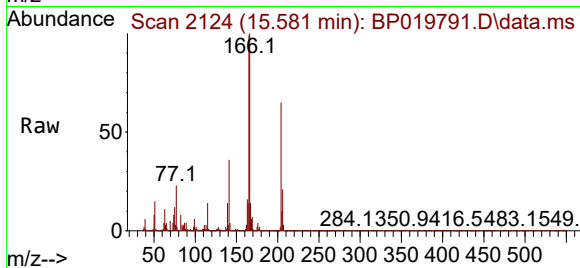




#61
4-Chlorophenyl-phenylether
Concen: 43.988 ng
RT: 15.581 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

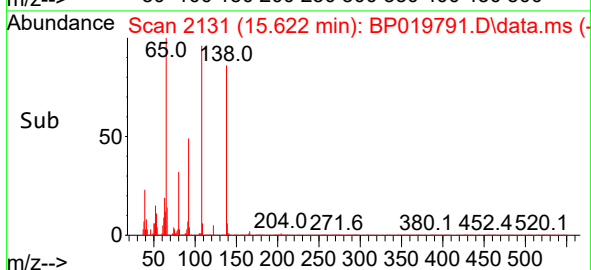
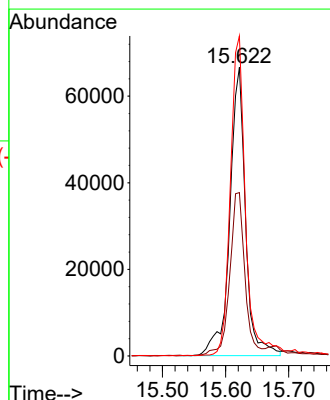
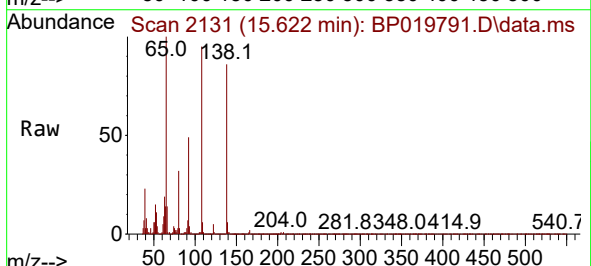
Instrument : BNA_P
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS

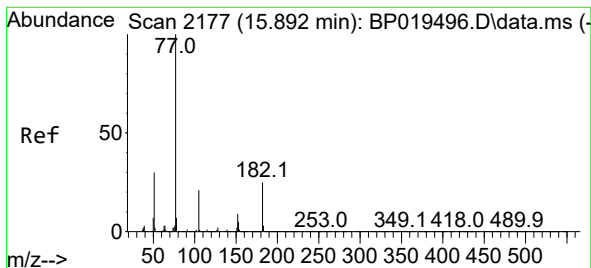
Tgt Ion:204 Resp: 300787
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 55.1 48.5 72.7



#62
4-Nitroaniline
Concen: 43.299 ng
RT: 15.622 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

Tgt Ion:138 Resp: 115324
Ion Ratio Lower Upper
138 100
92 56.6 38.3 78.3
108 110.9 91.2 131.2





#63

Azobenzene

Concen: 41.124 ng

RT: 15.875 min Scan# 2177

Delta R.T. -0.006 min

Lab File: BP019791.D

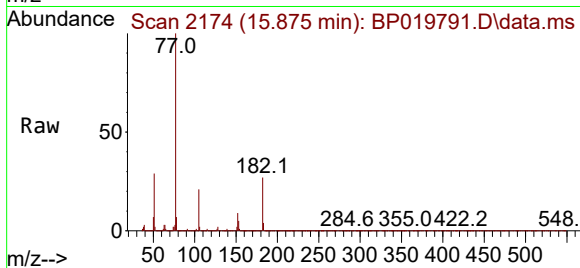
Acq: 20 Feb 2024 18:10

Instrument :

BNA_P

ClientSampleId :

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



Tgt Ion: 77 Resp: 497785

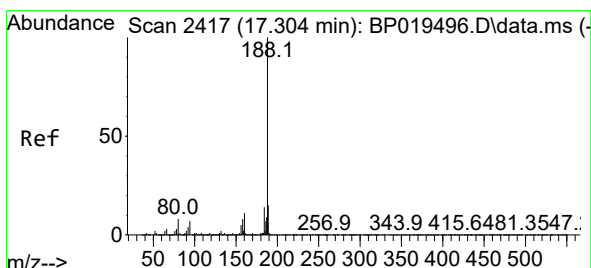
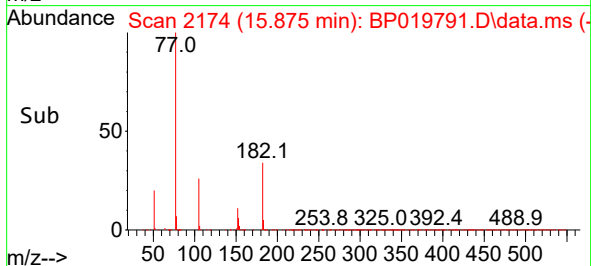
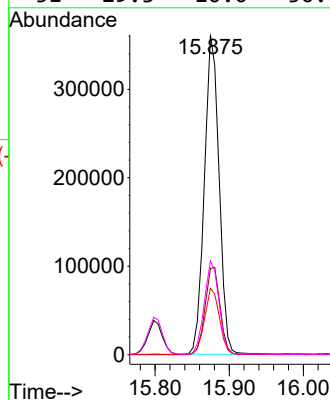
Ion Ratio Lower Upper

77 100

182 26.9 5.1 45.1

105 20.7 0.8 40.8

51 29.3 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: BP019791.D

Acq: 20 Feb 2024 18:10

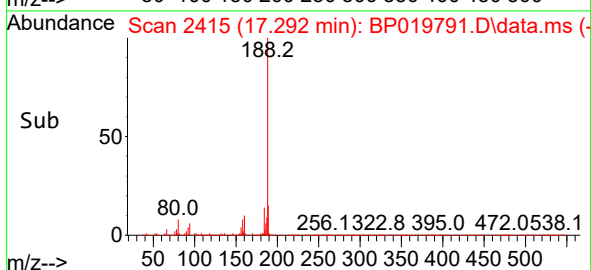
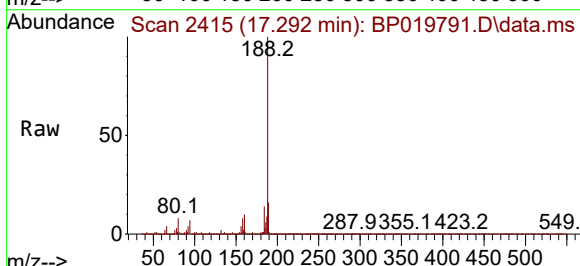
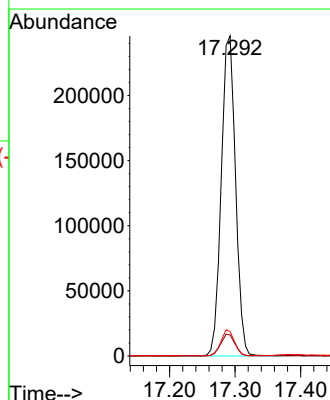
Tgt Ion: 188 Resp: 370022

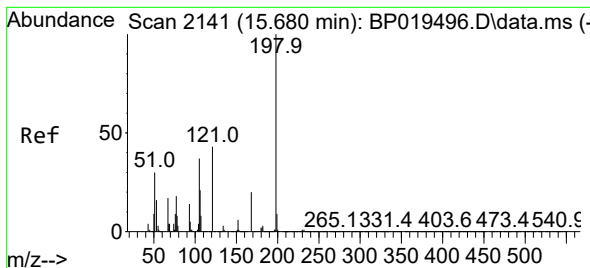
Ion Ratio Lower Upper

188 100

94 6.6 5.4 8.2

80 7.6 6.3 9.5

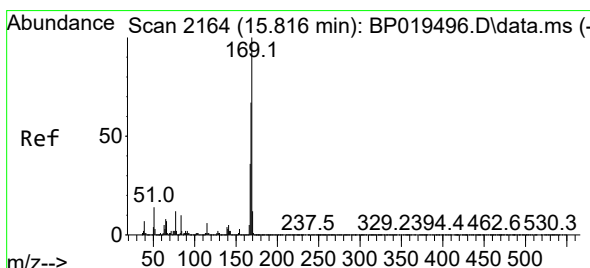
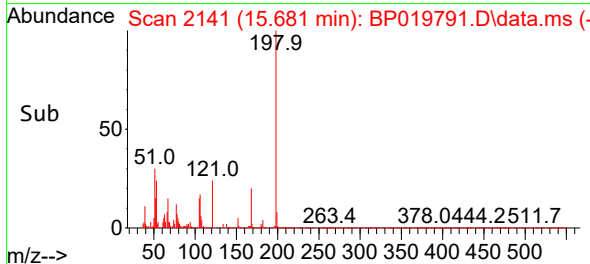
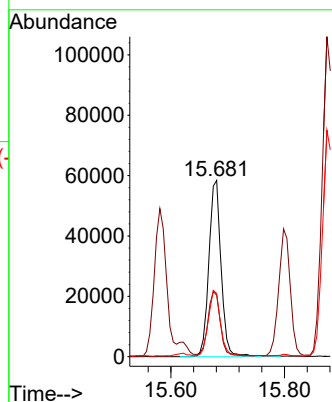
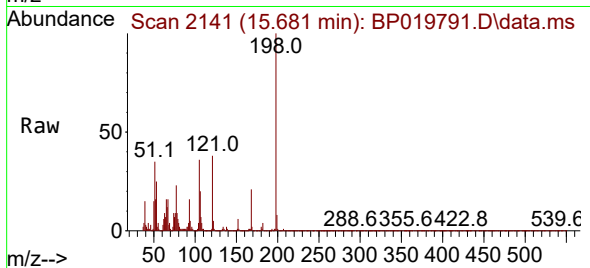




#65
4,6-Dinitro-2-methylphenol
Concen: 41.232 ng
RT: 15.681 min Scan# 2141
Delta R.T. -0.000 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

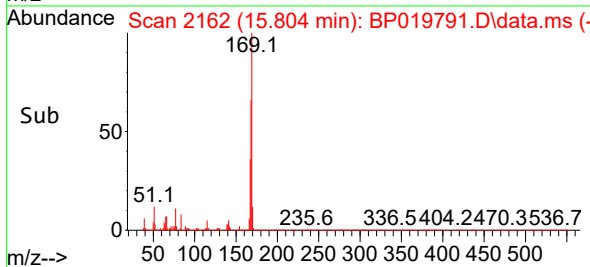
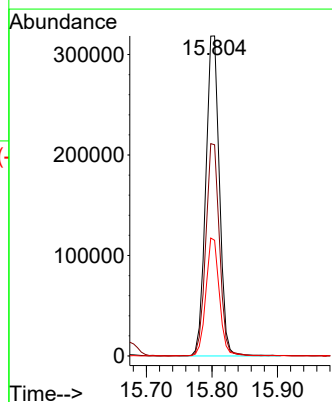
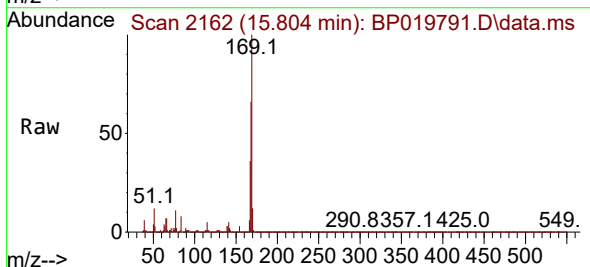
Instrument : BNA_P
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS

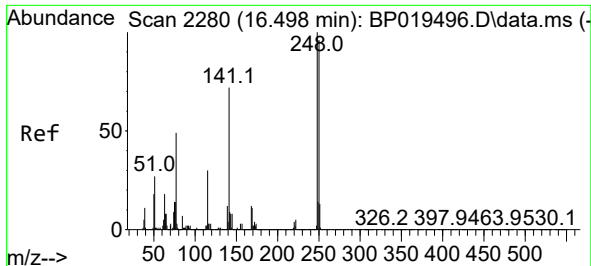
Tgt Ion:198 Resp: 86995
Ion Ratio Lower Upper
198 100
51 34.8 21.2 61.2
105 35.8 19.1 59.1



#66
n-Nitrosodiphenylamine
Concen: 41.667 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.000 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

Tgt Ion:169 Resp: 461747
Ion Ratio Lower Upper
169 100
168 66.0 53.4 80.2
167 36.1 28.9 43.3

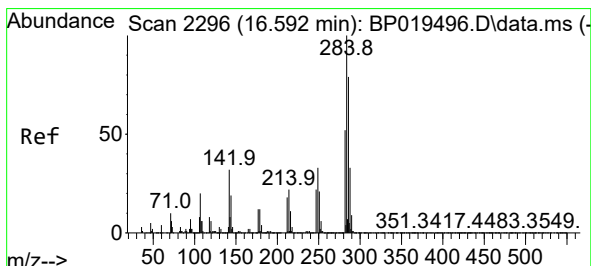
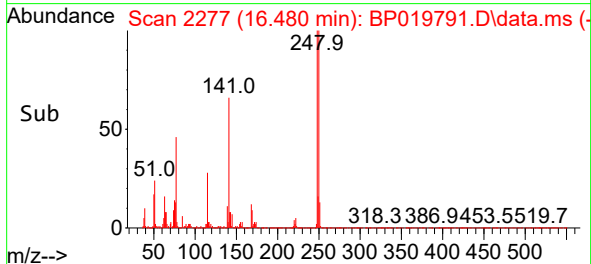
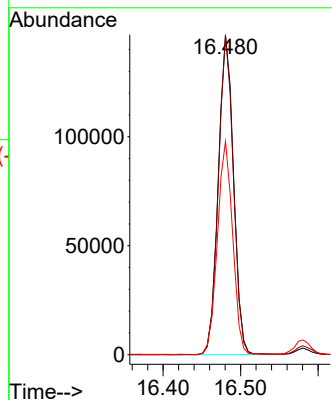
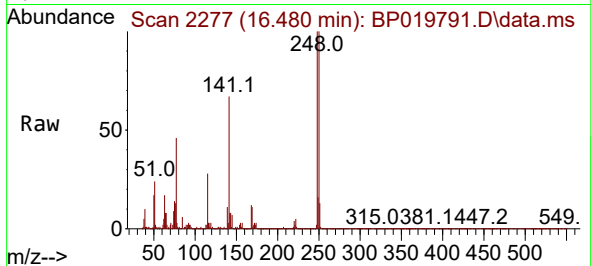




#67
4-Bromophenyl-phenylether
Concen: 43.488 ng
RT: 16.480 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

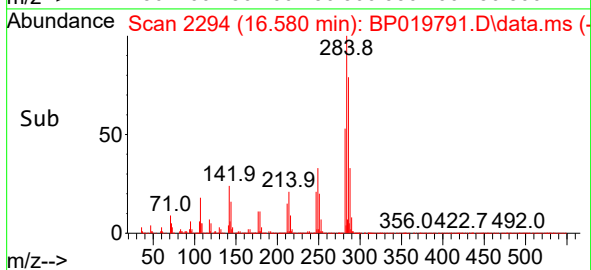
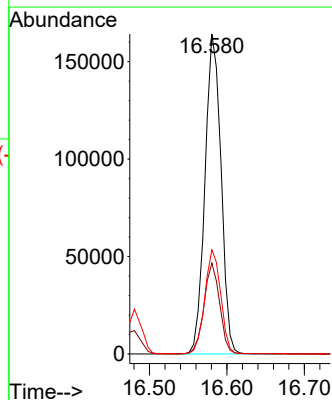
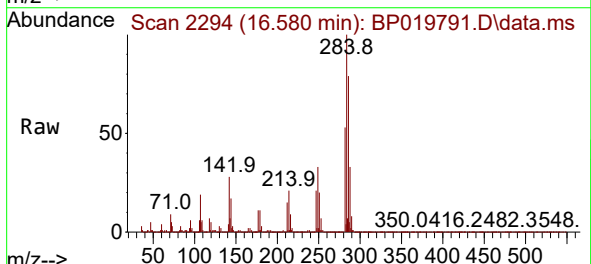
Instrument :
BNA_P
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS

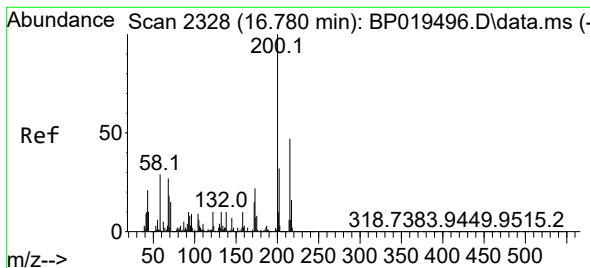
Tgt Ion:248 Resp: 201163
Ion Ratio Lower Upper
248 100
250 100.1 76.9 115.3
141 66.8 58.0 87.0



#68
Hexachlorobenzene
Concen: 43.712 ng
RT: 16.580 min Scan# 2294
Delta R.T. -0.006 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

Tgt Ion:284 Resp: 236123
Ion Ratio Lower Upper
284 100
142 28.4 25.4 38.2
249 32.5 26.5 39.7





#69

Atrazine

Concen: 50.017 ng

RT: 16.763 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019791.D

Acq: 20 Feb 2024 18:10

Instrument :

BNA_P

ClientSampleId :

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

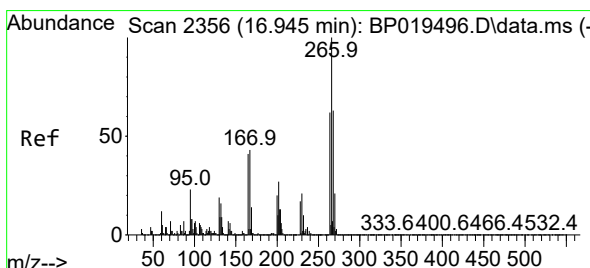
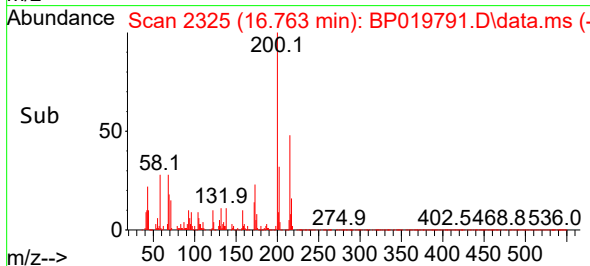
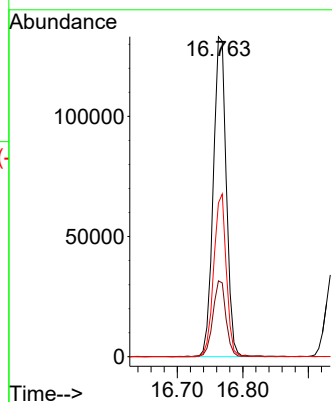
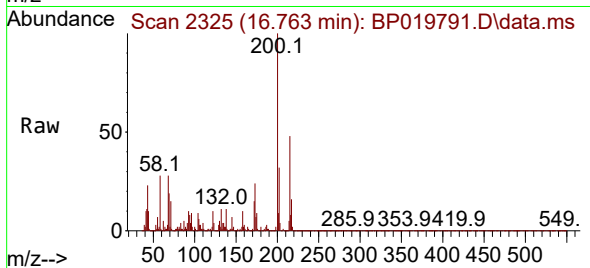
Tgt Ion:200 Resp: 183929

Ion Ratio Lower Upper

200 100

173 23.7 1.7 41.7

215 48.1 26.9 66.9



#70

Pentachlorophenol

Concen: 90.385 ng

RT: 16.939 min Scan# 2355

Delta R.T. -0.000 min

Lab File: BP019791.D

Acq: 20 Feb 2024 18:10

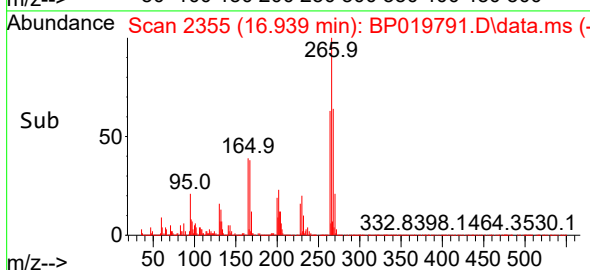
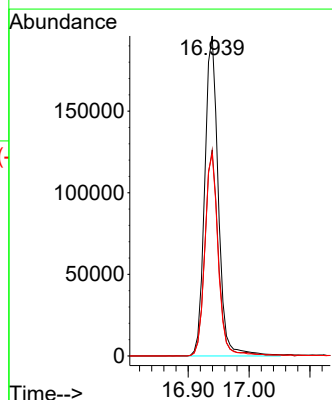
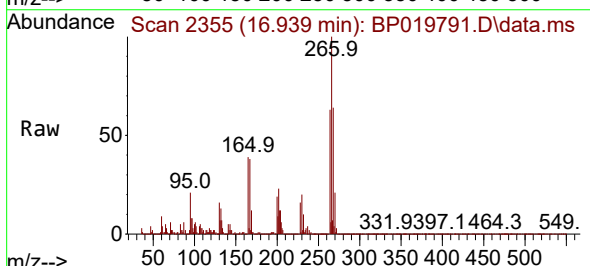
Tgt Ion:266 Resp: 304051

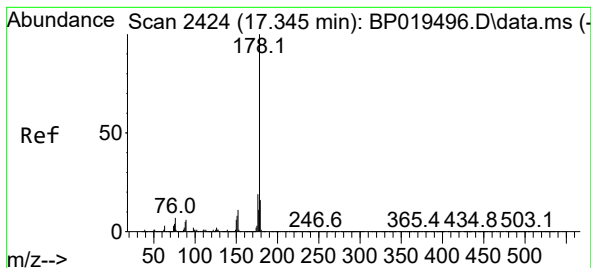
Ion Ratio Lower Upper

266 100

268 64.4 50.3 75.5

264 63.0 49.7 74.5





#71

Phenanthrene

Concen: 43.822 ng

RT: 17.333 min Scan# 2422

Delta R.T. -0.006 min

Lab File: BP019791.D

Acq: 20 Feb 2024 18:10

Instrument :

BNA_P

ClientSampleId :

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

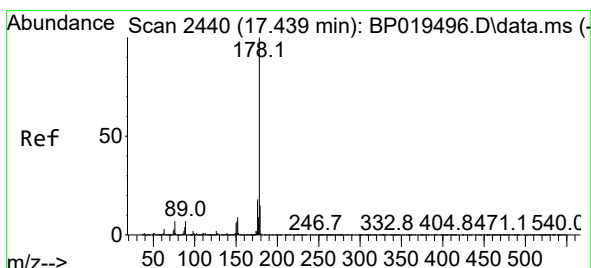
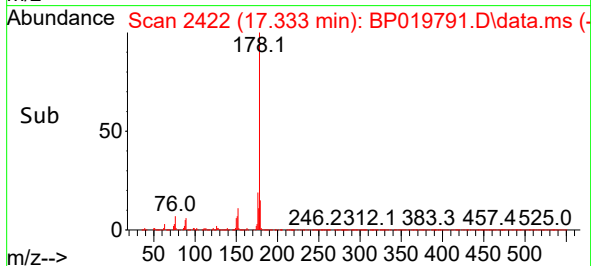
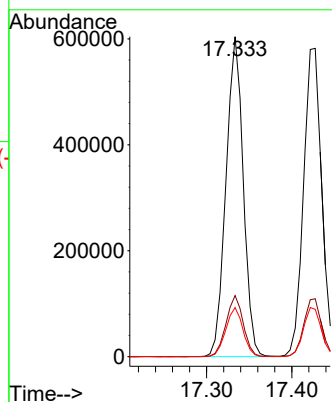
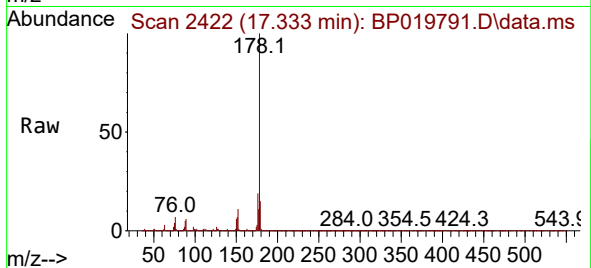
Tgt Ion:178 Resp: 853340

Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

179 15.3 12.6 19.0



#72

Anthracene

Concen: 44.373 ng

RT: 17.427 min Scan# 2438

Delta R.T. -0.000 min

Lab File: BP019791.D

Acq: 20 Feb 2024 18:10

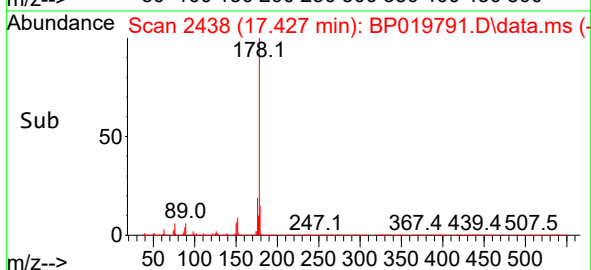
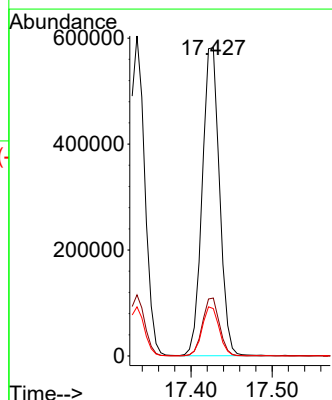
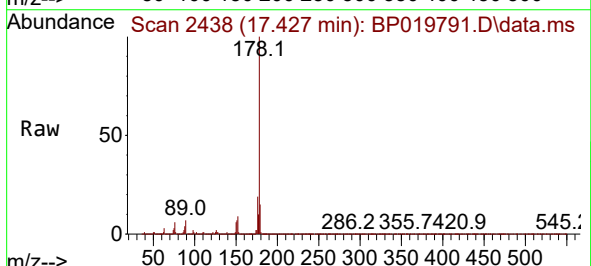
Tgt Ion:178 Resp: 861959

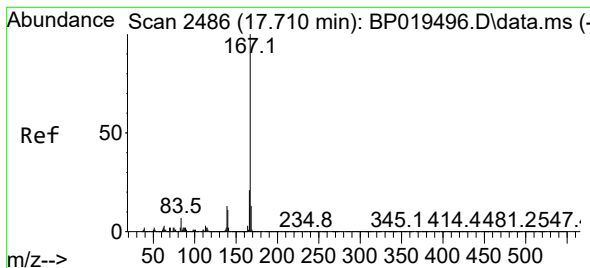
Ion Ratio Lower Upper

178 100

176 18.8 14.7 22.1

179 15.4 12.2 18.2





#73

Carbazole

Concen: 44.008 ng

RT: 17.704 min Scan# 2486

Delta R.T. -0.006 min

Lab File: BP019791.D

Acq: 20 Feb 2024 18:10

Instrument :

BNA_P

ClientSampleId :

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

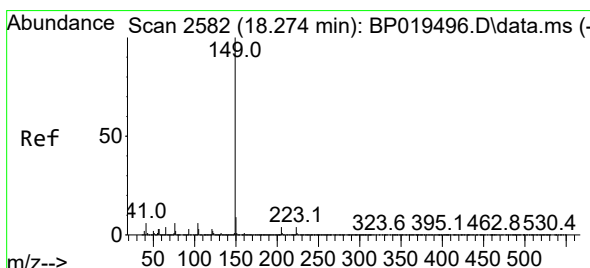
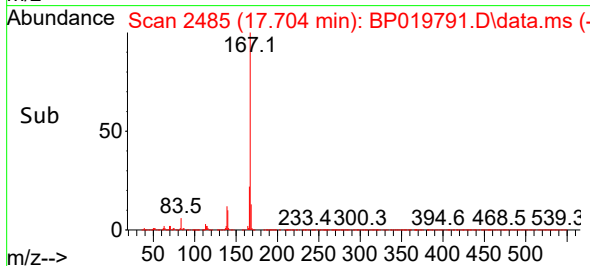
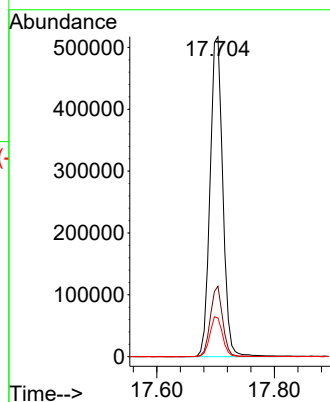
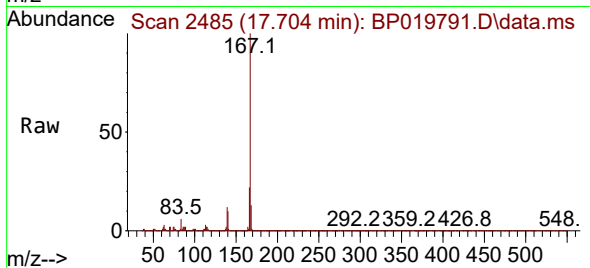
Tgt Ion:167 Resp: 776619

Ion Ratio Lower Upper

167 100

166 22.0 17.2 25.8

139 12.1 10.6 15.8



#74

Di-n-butylphthalate

Concen: 43.568 ng

RT: 18.257 min Scan# 2579

Delta R.T. -0.006 min

Lab File: BP019791.D

Acq: 20 Feb 2024 18:10

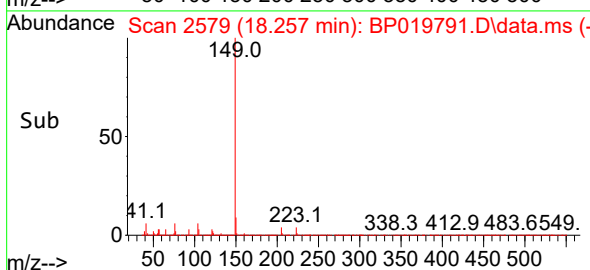
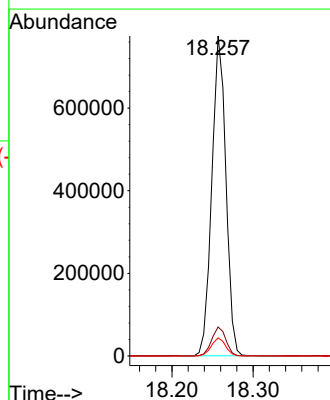
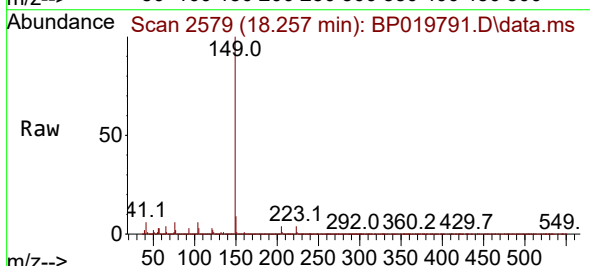
Tgt Ion:149 Resp: 929627

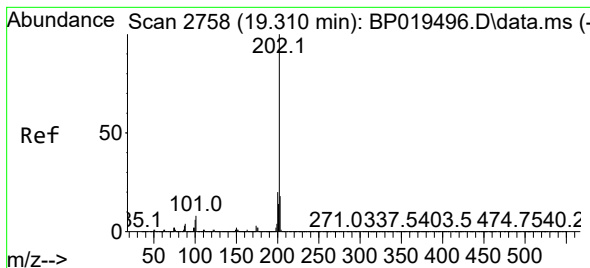
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 5.7 4.8 7.2





#75

Fluoranthene

Concen: 47.411 ng

RT: 19.304 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP019791.D

Acq: 20 Feb 2024 18:10

Instrument :

BNA_P

ClientSampleId :

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

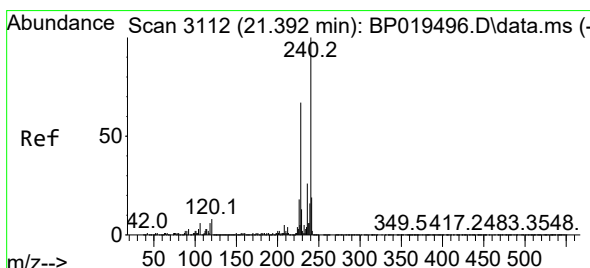
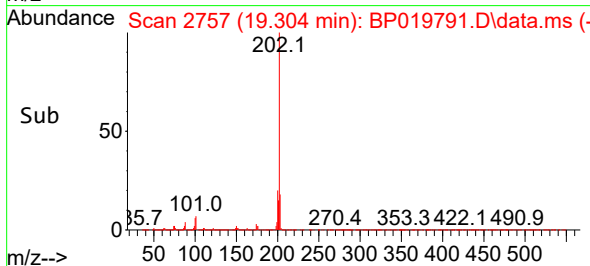
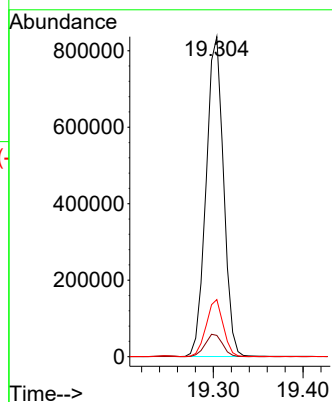
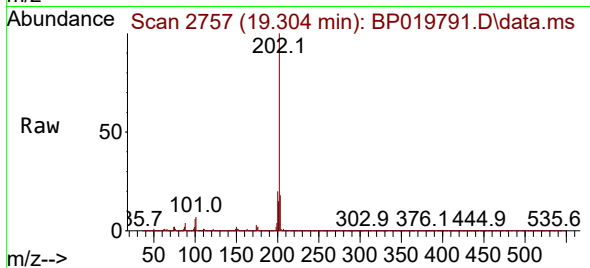
Tgt Ion:202 Resp: 1127840

Ion Ratio Lower Upper

202 100

101 6.7 0.0 27.7

203 17.9 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP019791.D

Acq: 20 Feb 2024 18:10

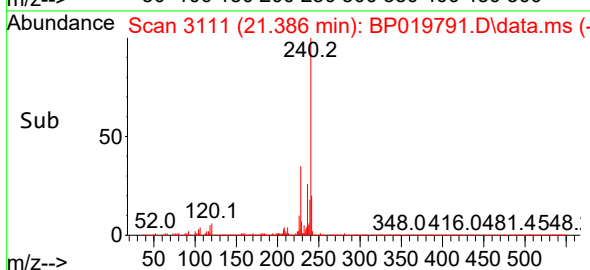
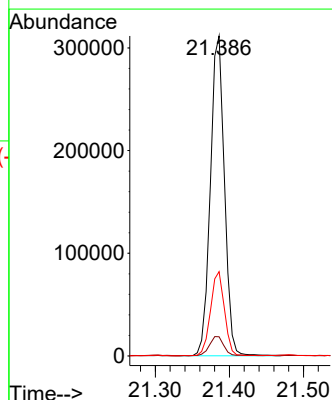
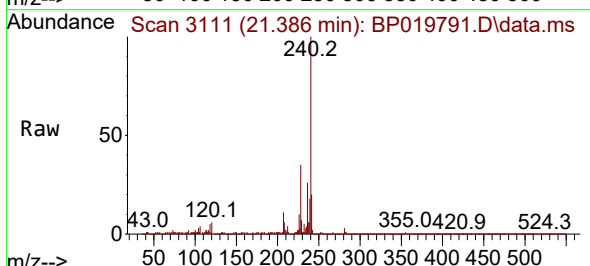
Tgt Ion:240 Resp: 410344

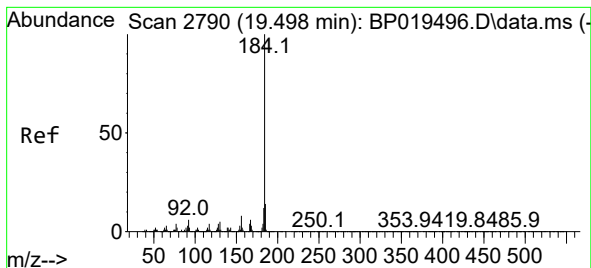
Ion Ratio Lower Upper

240 100

120 6.0 6.1 9.1#

236 26.4 20.7 31.1





#77

Benzidine

Concen: 39.577 ng

RT: 19.492 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019791.D

Acq: 20 Feb 2024 18:10

Instrument :

BNA_P

ClientSampleId :

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

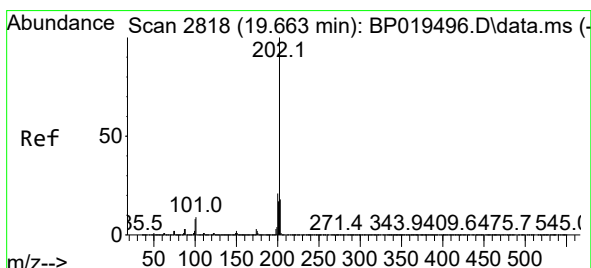
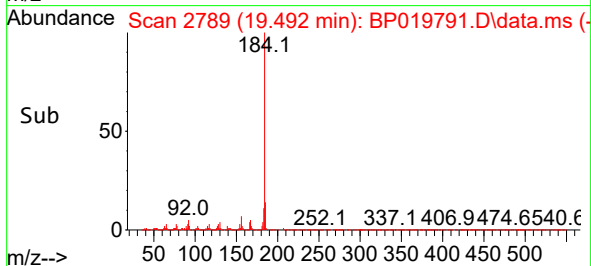
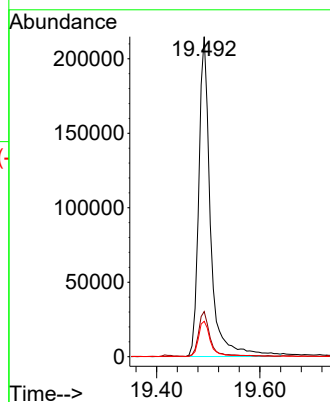
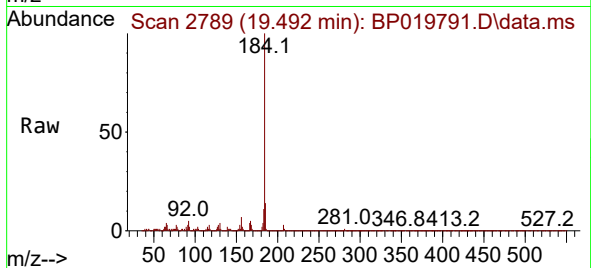
Tgt Ion:184 Resp: 339525

Ion Ratio Lower Upper

184 100

185 14.1 11.1 16.7

183 11.1 9.7 14.5



#78

Pyrene

Concen: 40.698 ng

RT: 19.651 min Scan# 2816

Delta R.T. -0.006 min

Lab File: BP019791.D

Acq: 20 Feb 2024 18:10

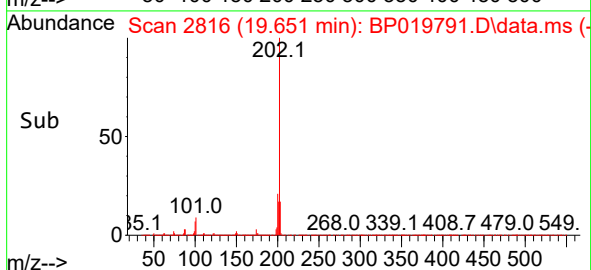
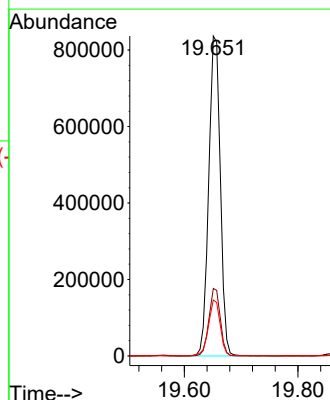
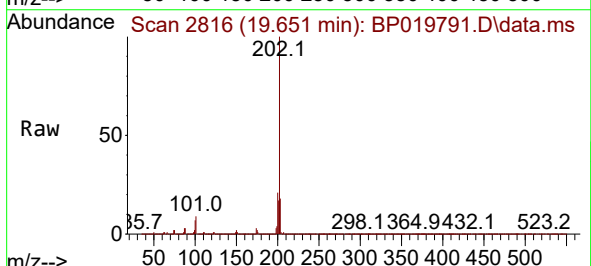
Tgt Ion:202 Resp: 1178614

Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 17.5 14.2 21.2





#79

Terphenyl-d14

Concen: 61.881 ng

RT: 19.857 min Scan# 2853

Delta R.T. -0.006 min

Lab File: BP019791.D

Acq: 20 Feb 2024 18:10

Instrument :

BNA_P

ClientSampleId :

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

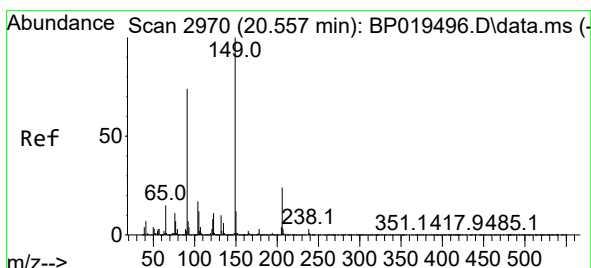
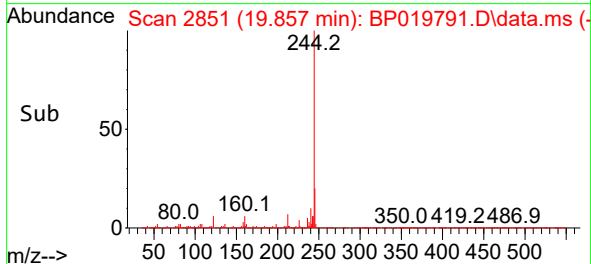
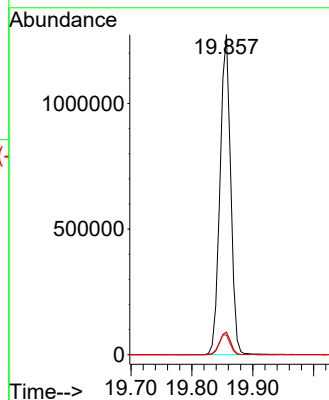
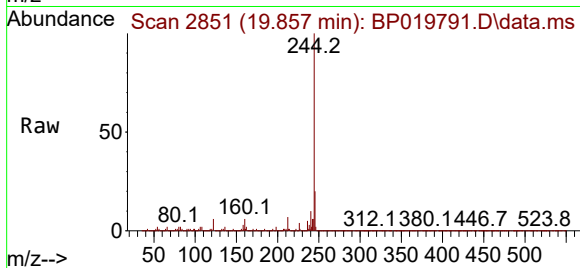
Tgt Ion:244 Resp: 1544047

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 6.2 5.9 8.9



#80

Butylbenzylphthalate

Concen: 40.545 ng

RT: 20.539 min Scan# 2967

Delta R.T. -0.006 min

Lab File: BP019791.D

Acq: 20 Feb 2024 18:10

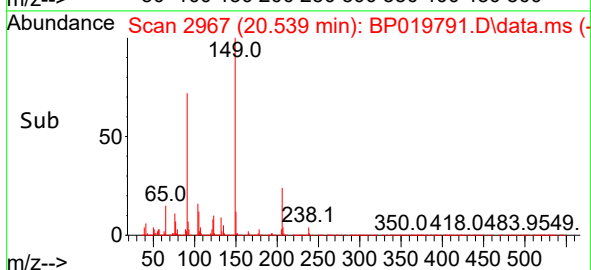
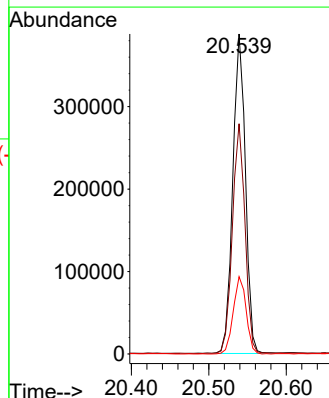
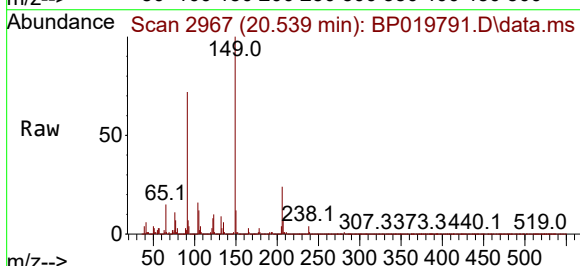
Tgt Ion:149 Resp: 438498

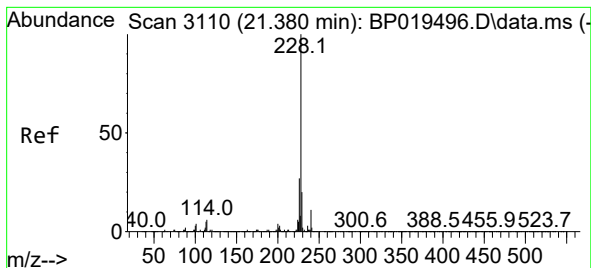
Ion Ratio Lower Upper

149 100

91 71.9 59.4 89.0

206 24.1 19.0 28.6





#81

Benzo(a)anthracene

Concen: 44.313 ng

RT: 21.368 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BP019791.D

Acq: 20 Feb 2024 18:10

Instrument :

BNA_P

ClientSampleId :

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

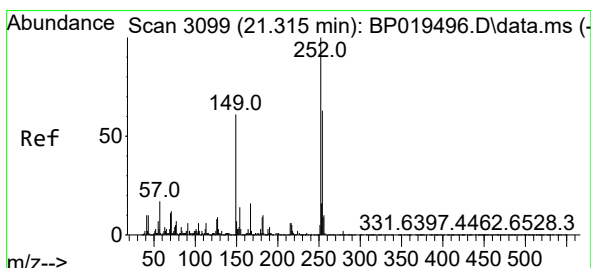
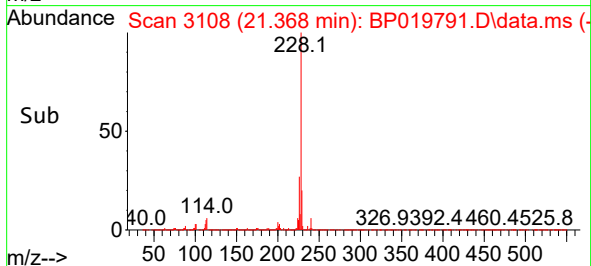
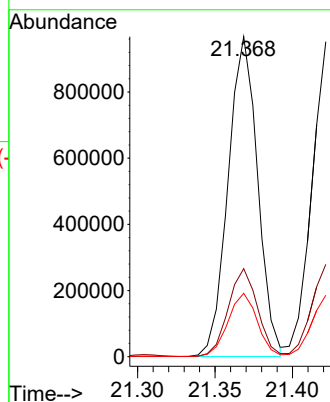
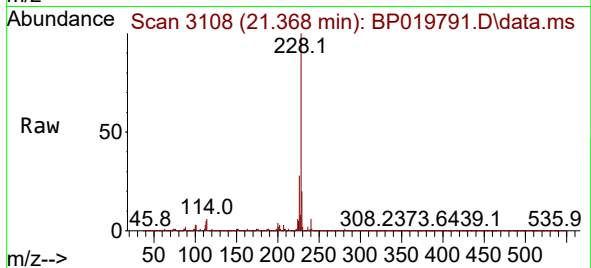
Tgt Ion:228 Resp: 1279994

Ion Ratio Lower Upper

228 100

226 27.5 21.7 32.5

229 19.8 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 40.735 ng

RT: 21.304 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BP019791.D

Acq: 20 Feb 2024 18:10

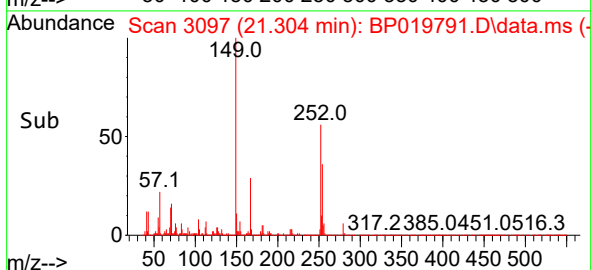
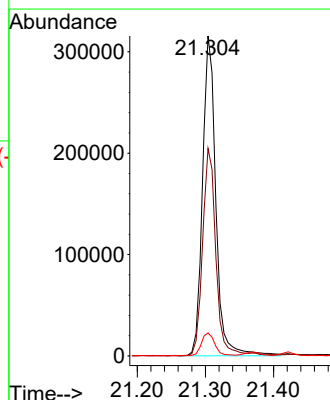
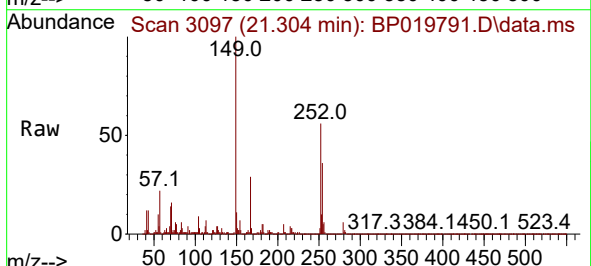
Tgt Ion:252 Resp: 428765

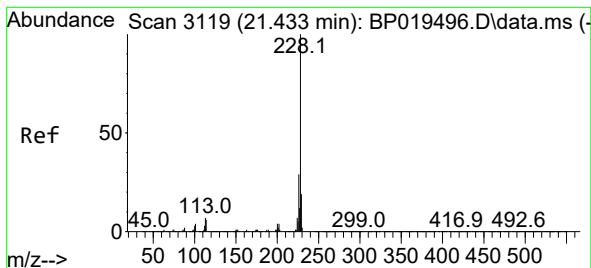
Ion Ratio Lower Upper

252 100

254 64.9 50.7 76.1

126 7.2 6.4 9.6





#83

Chrysene

Concen: 43.612 ng

RT: 21.421 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP019791.D

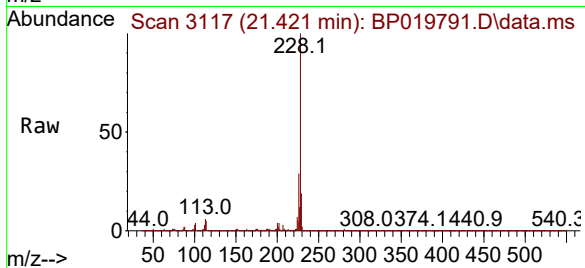
Acq: 20 Feb 2024 18:10

Instrument :

BNA_P

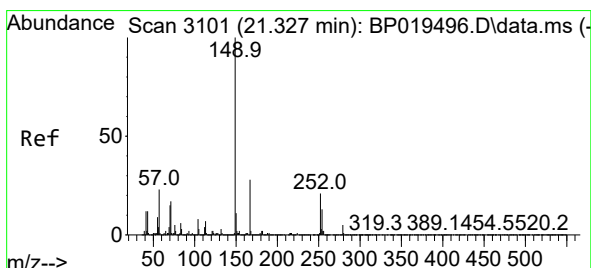
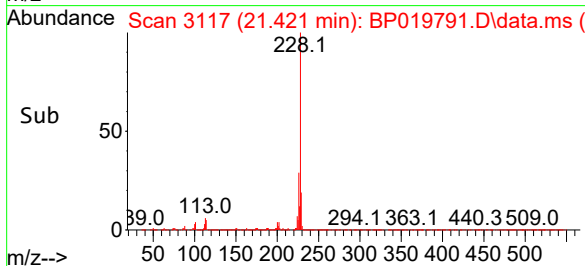
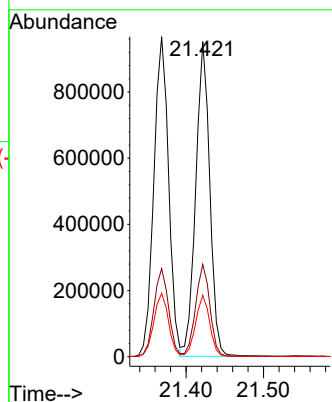
ClientSampleId :

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



Tgt Ion:228 Resp: 1196008

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.2
229	19.5	15.6	23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.646 ng

RT: 21.304 min Scan# 3097

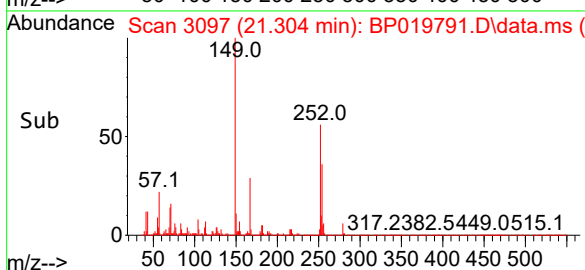
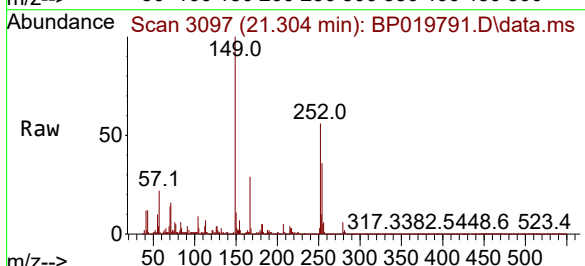
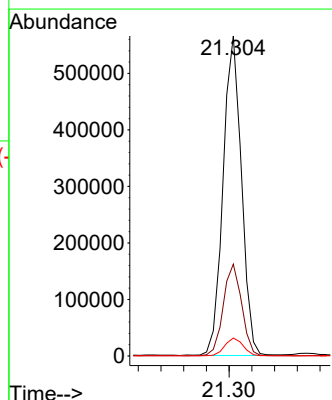
Delta R.T. -0.006 min

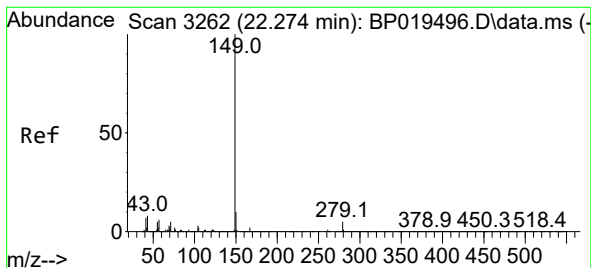
Lab File: BP019791.D

Acq: 20 Feb 2024 18:10

Tgt Ion:149 Resp: 636441

Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.7	34.1
279	5.6	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 38.871 ng

RT: 22.245 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP019791.D

Acq: 20 Feb 2024 18:10

Instrument :

BNA_P

ClientSampleId :

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

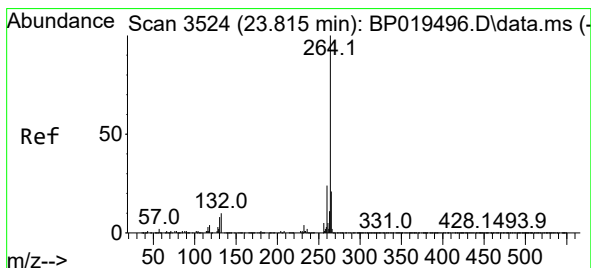
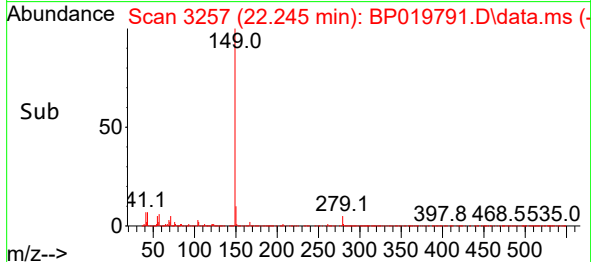
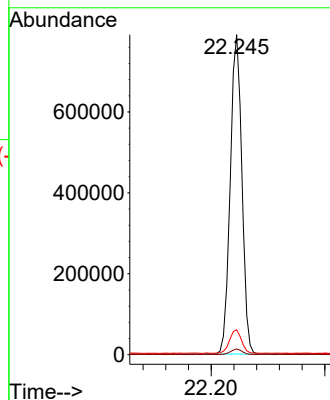
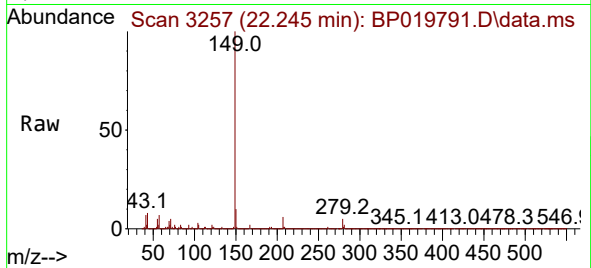
Tgt Ion:149 Resp: 1126310

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 7.5 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.804 min Scan# 3522

Delta R.T. -0.006 min

Lab File: BP019791.D

Acq: 20 Feb 2024 18:10

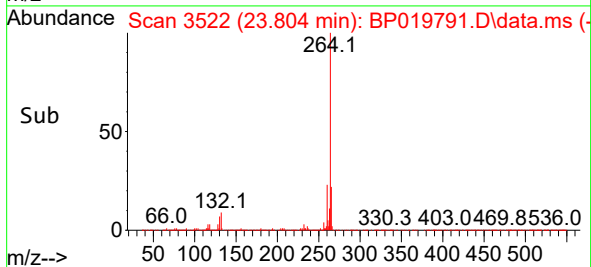
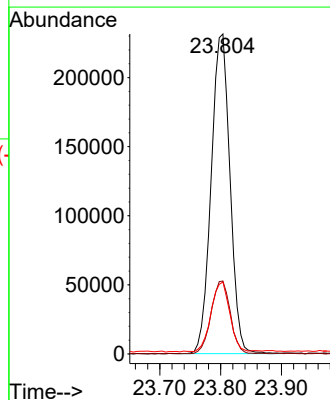
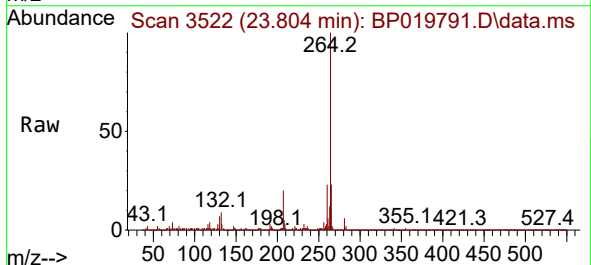
Tgt Ion:264 Resp: 497232

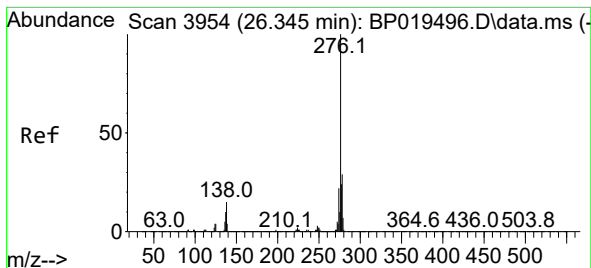
Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 22.5 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.157 ng

RT: 26.333 min Scan# 3954

Delta R.T. -0.012 min

Lab File: BP019791.D

Acq: 20 Feb 2024 18:10

Instrument :

BNA_P

ClientSampleId :

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

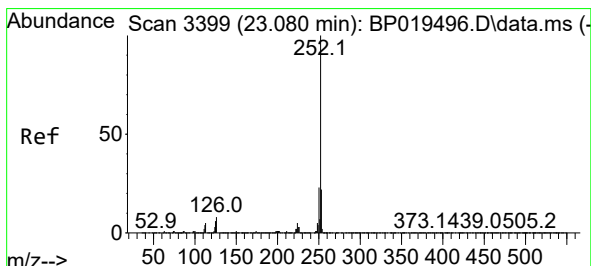
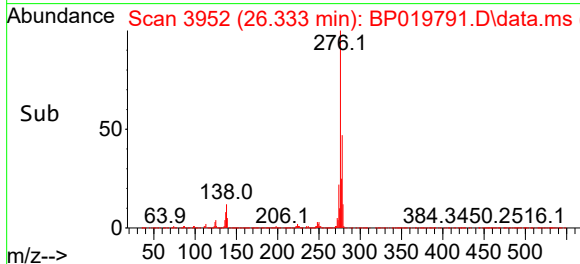
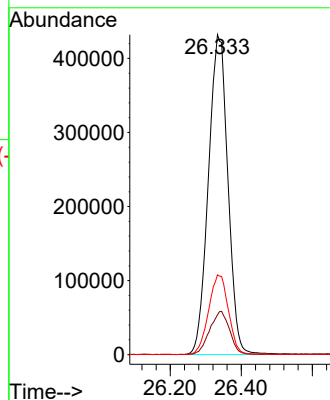
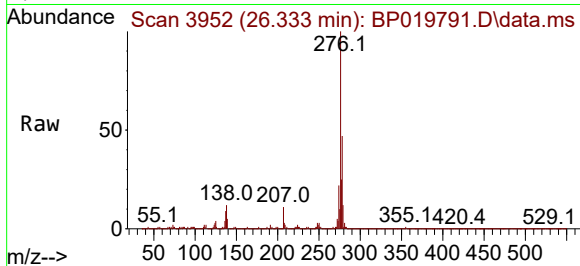
Tgt Ion:276 Resp: 1642607

Ion Ratio Lower Upper

276 100

138 13.8 13.1 19.7

277 25.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 44.512 ng

RT: 23.068 min Scan# 3397

Delta R.T. -0.006 min

Lab File: BP019791.D

Acq: 20 Feb 2024 18:10

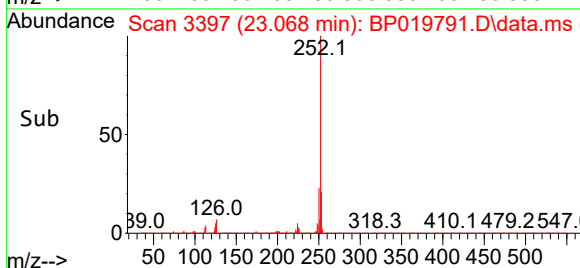
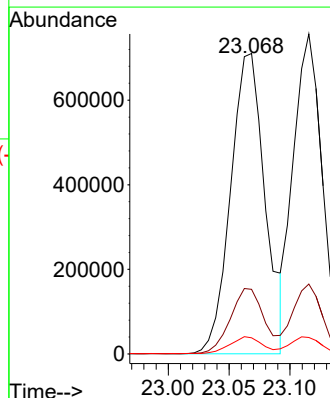
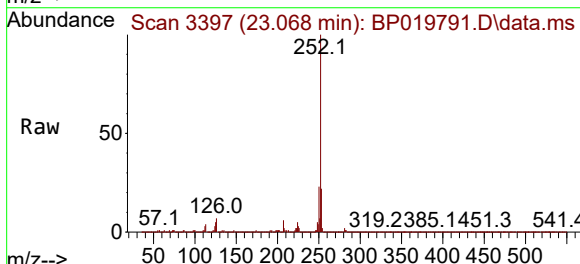
Tgt Ion:252 Resp: 1394924

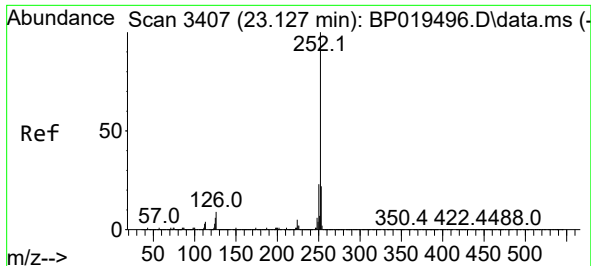
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 5.4 4.9 7.3

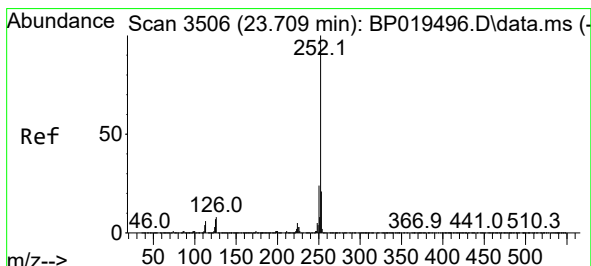
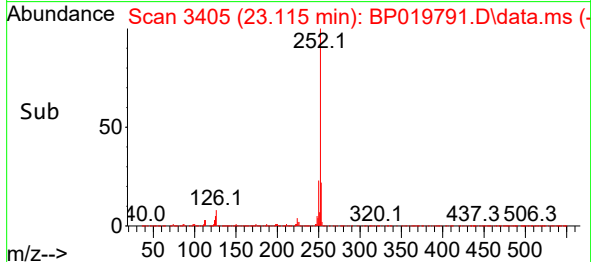
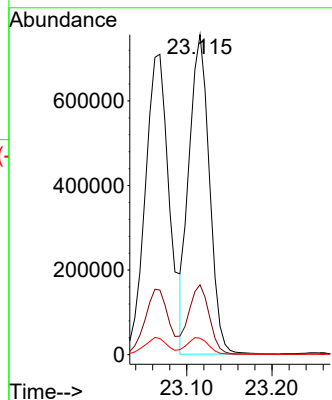
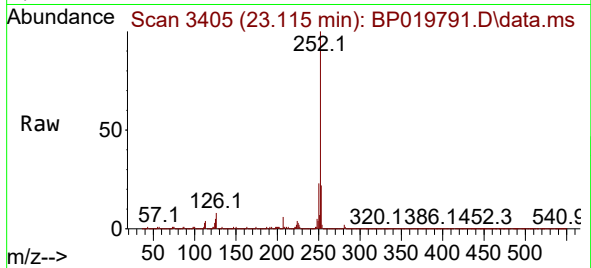




#89
Benzo(k)fluoranthene
Concen: 41.792 ng
RT: 23.115 min Scan# 34
Delta R.T. -0.006 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

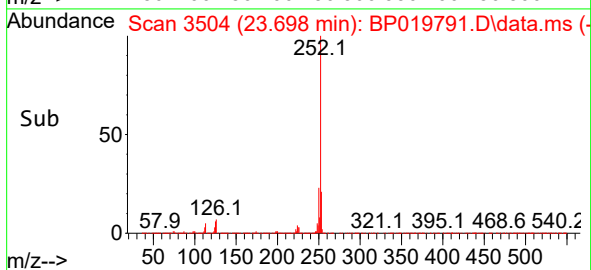
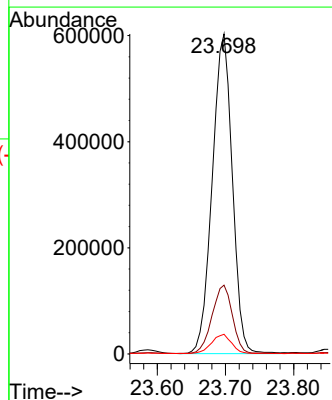
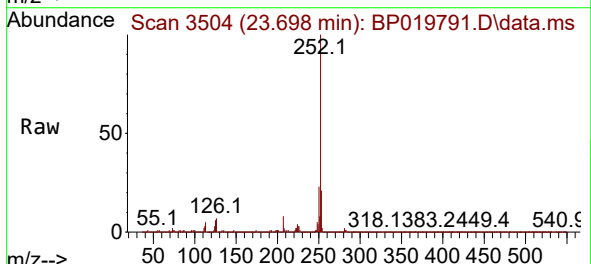
Instrument :
BNA_P
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS

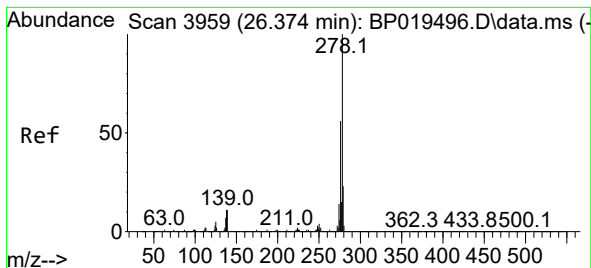
Tgt Ion:252 Resp: 1251056
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 5.2 5.0 7.6



#90
Benzo(a)pyrene
Concen: 44.265 ng
RT: 23.698 min Scan# 3504
Delta R.T. -0.006 min
Lab File: BP019791.D
Acq: 20 Feb 2024 18:10

Tgt Ion:252 Resp: 1234290
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 6.2 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 42.856 ng

RT: 26.356 min Scan# 3959

Delta R.T. -0.012 min

Lab File: BP019791.D

Acq: 20 Feb 2024 18:10

Instrument :

BNA_P

ClientSampleId :

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

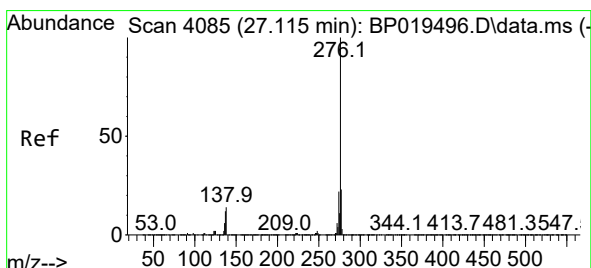
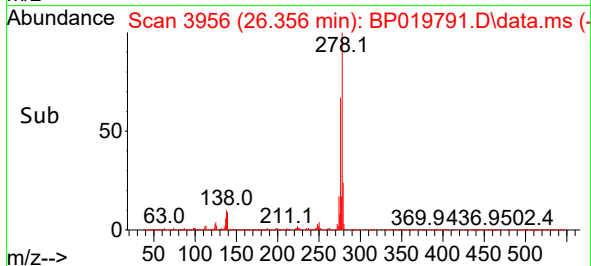
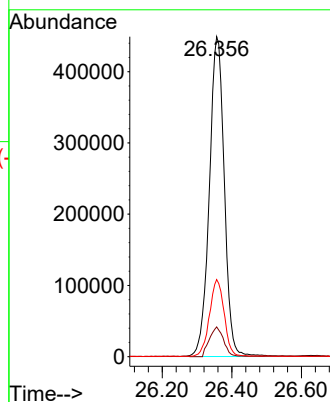
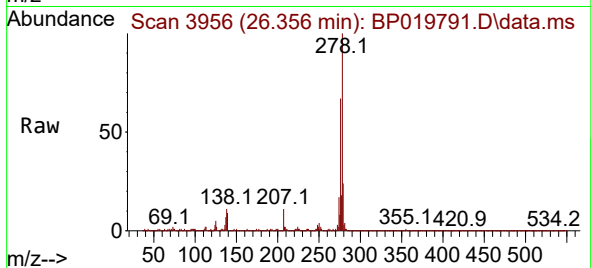
Tgt Ion:278 Resp: 1341557

Ion Ratio Lower Upper

278 100

139 9.3 8.6 12.8

279 24.1 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 40.364 ng

RT: 27.115 min Scan# 4085

Delta R.T. -0.006 min

Lab File: BP019791.D

Acq: 20 Feb 2024 18:10

Tgt Ion:276 Resp: 1281868

Ion Ratio Lower Upper

276 100

277 23.1 18.6 28.0

138 11.1 10.9 16.3

