

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022724\
 Data File : BP019901.D
 Acq On : 27 Feb 2024 17:42
 Operator : MA/JU
 Sample : P1523-05MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20240765-COMPOSITE-39N-N-3-03MSD

Quant Time: Feb 28 00:57:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 02:05:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	122666	20.000	ng	0.00
21) Naphthalene-d8	10.699	136	433240	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	301768	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	660003	20.000	ng	0.00
76) Chrysene-d12	21.398	240	479518	20.000	ng	-0.01
86) Perylene-d12	23.821	264	445297	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	830933	111.186	ng	0.00
7) Phenol-d6	7.075	99	1135468	102.048	ng	0.00
23) Nitrobenzene-d5	9.069	82	702815	65.492	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	482605	93.270	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	1319608	59.083	ng	0.00
79) Terphenyl-d14	19.869	244	1791938	58.900	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	102130	39.511	ng	98
3) Pyridine	3.775	79	286189	36.199	ng	99
4) n-Nitrosodimethylamine	3.693	42	151529	46.510	ng	94
6) Aniline	7.234	93	345318	25.299	ng	98
8) 2-Chlorophenol	7.457	128	375409	46.583	ng	98
9) Benzaldehyde	7.046	77	64300	10.124	ng	95
10) Phenol	7.099	94	523577	47.190	ng	97
11) bis(2-Chloroethyl)ether	7.334	93	368518	42.172	ng	99
12) 1,3-Dichlorobenzene	7.781	146	389170	44.479	ng	100
13) 1,4-Dichlorobenzene	7.934	146	396865	44.792	ng	98
14) 1,2-Dichlorobenzene	8.246	146	379897	42.742	ng	98
15) Benzyl Alcohol	8.152	79	409072	41.674	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.422	45	372996	39.978	ng	97
17) 2-Methylphenol	8.352	107	317967	38.320	ng	99
18) Hexachloroethane	8.963	117	144960	42.221	ng	99
19) n-Nitroso-di-n-propyla...	8.722	70	311521	37.061	ng	99
20) 3+4-Methylphenols	8.681	107	447172	37.505	ng	100
22) Acetophenone	8.734	105	583193	43.342	ng	# 98
24) Nitrobenzene	9.116	77	456127	43.904	ng	99
25) Isophorone	9.640	82	762928	40.845	ng	100
26) 2-Nitrophenol	9.822	139	187883	45.196	ng	100
27) 2,4-Dimethylphenol	9.881	122	195295	28.458	ng	99
28) bis(2-Chloroethoxy)met...	10.128	93	439350	42.148	ng	99
29) 2,4-Dichlorophenol	10.351	162	354899	46.363	ng	98
30) 1,2,4-Trichlorobenzene	10.557	180	376361	44.754	ng	99
31) Naphthalene	10.751	128	999127	43.072	ng	100
32) Benzoic acid	10.063	122	251864	43.318	ng	99
33) 4-Chloroaniline	10.881	127	205186	19.470	ng	99
34) Hexachlorobutadiene	11.016	225	268958	43.980	ng	100
35) Caprolactam	11.698	113	88128	31.219	ng	96
36) 4-Chloro-3-methylphenol	12.004	107	400079	42.369	ng	98
37) 2-Methylnaphthalene	12.363	142	715362	39.727	ng	99
38) 1-Methylnaphthalene	12.581	142	680814	39.957	ng	99
40) 1,2,4,5-Tetrachloroben...	12.728	216	488433	47.383	ng	99
41) Hexachlorocyclopentadiene	12.693	237	460538	86.284	ng	98
43) 2,4,6-Trichlorophenol	12.975	196	318215	46.755	ng	100

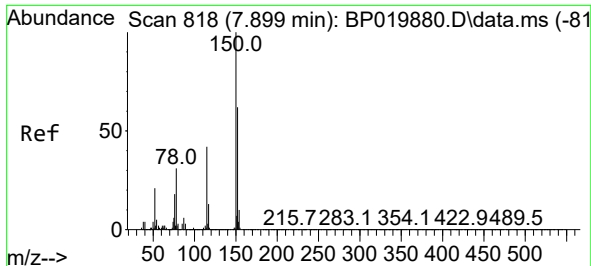
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 02:05:05 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	346374	42.723	ng	97
46) 1,1'-Biphenyl	13.375	154	986954	45.678	ng	99
47) 2-Chloronaphthalene	13.416	162	785109	46.814	ng	99
48) 2-Nitroaniline	13.634	65	269956	44.537	ng	98
49) Acenaphthylene	14.263	152	1255585	46.211	ng	100
50) Dimethylphthalate	14.016	163	1014249	41.172	ng	100
51) 2,6-Dinitrotoluene	14.140	165	223471	42.150	ng	96
52) Acenaphthene	14.604	154	714138	43.773	ng	99
53) 3-Nitroaniline	14.469	138	170281	32.446	ng	93
54) 2,4-Dinitrophenol	14.681	184	306780	88.766	ng	95
55) Dibenzofuran	14.945	168	1222665	43.913	ng	100
56) 4-Nitrophenol	14.787	139	369576	90.021	ng	98
57) 2,4-Dinitrotoluene	14.928	165	316365	41.927	ng	96
58) Fluorene	15.592	166	977327	43.280	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.169	232	321837	43.267	ng	100
60) Diethylphthalate	15.381	149	1007584	41.401	ng	100
61) 4-Chlorophenyl-phenyle...	15.592	204	549260	42.531	ng	99
62) 4-Nitroaniline	15.639	138	188244	34.437	ng	98
63) Azobenzene	15.886	77	1003565	44.295	ng	99
65) 4,6-Dinitro-2-methylph...	15.692	198	197770	44.148	ng	97
66) n-Nitrosodiphenylamine	15.810	169	836849	44.188	ng	100
67) 4-Bromophenyl-phenylether	16.492	248	358620	43.944	ng	99
68) Hexachlorobenzene	16.592	284	407567	46.309	ng	98
69) Atrazine	16.781	200	334180	42.173	ng	100
70) Pentachlorophenol	16.945	266	492508	75.709	ng	98
71) Phenanthrene	17.345	178	1543840	43.823	ng	99
72) Anthracene	17.439	178	1535929	42.709	ng	99
73) Carbazole	17.716	167	1346221	42.266	ng	99
74) Di-n-butylphthalate	18.269	149	1610654	40.433	ng	99
75) Fluoranthene	19.316	202	1761023	38.518	ng	100
77) Benzidine	19.510	184	94173	6.837	ng	99
78) Pyrene	19.669	202	1779318	54.007	ng	100
80) Butylbenzylphthalate	20.557	149	625520	47.479	ng	97
81) Benzo(a)anthracene	21.386	228	1503720	44.178	ng	99
82) 3,3'-Dichlorobenzidine	21.321	252	395403	30.288	ng	98
83) Chrysene	21.439	228	1402408	43.970	ng	100
84) Bis(2-ethylhexyl)phtha...	21.321	149	806959	42.669	ng	100
85) Di-n-octyl phthalate	22.263	149	1166953	37.077	ng	99
87) Indeno(1,2,3-cd)pyrene	26.362	276	1588458	50.670	ng	99
88) Benzo(b)fluoranthene	23.086	252	1281528	46.941	ng	99
89) Benzo(k)fluoranthene	23.133	252	1163370	43.451	ng	100
90) Benzo(a)pyrene	23.715	252	1120798	42.958	ng	100
91) Dibenzo(a,h)anthracene	26.386	278	1298339	49.265	ng	100
92) Benzo(g,h,i)perylene	27.139	276	1303576	51.240	ng	99

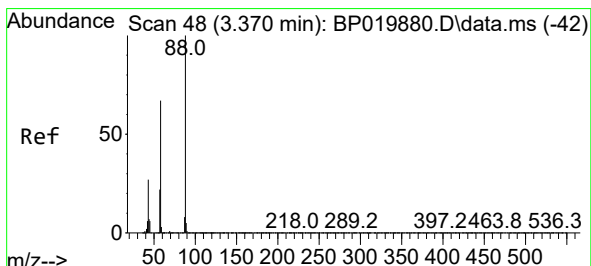
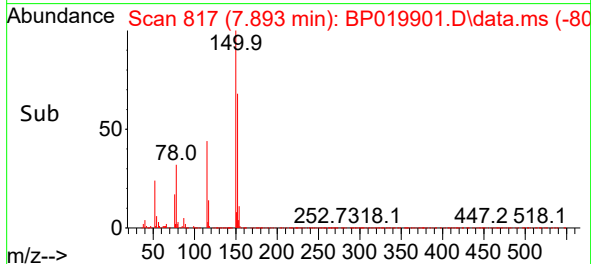
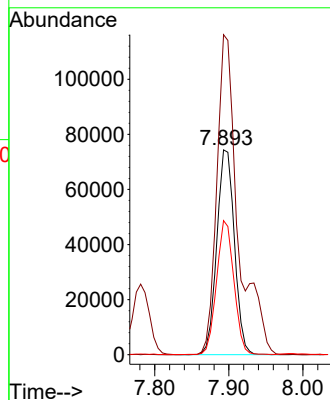
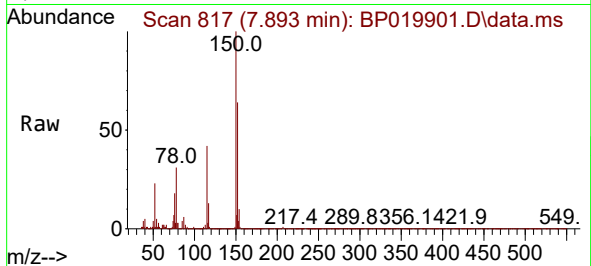
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019901.D
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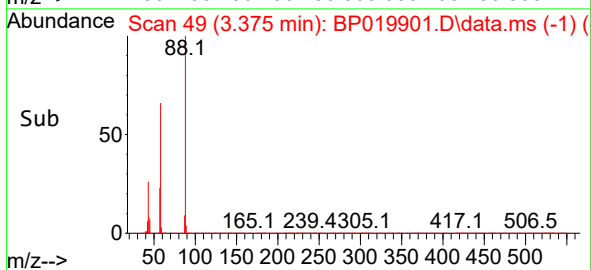
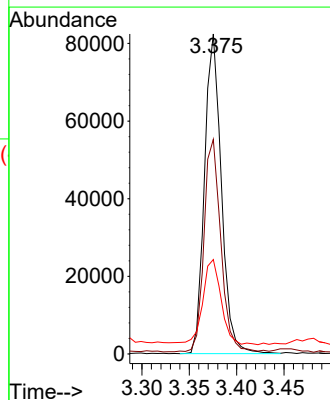
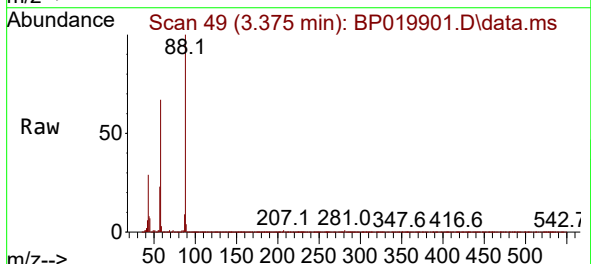
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20240765-COMPOSITE-39N-N-3-03MSD

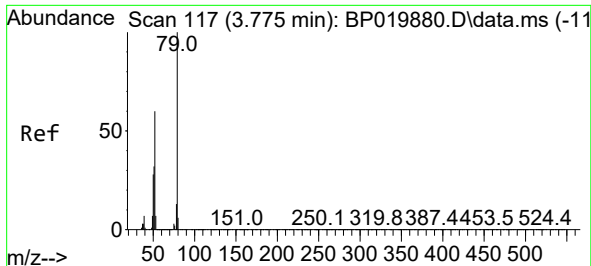
Tgt Ion:152 Resp: 122666
Ion Ratio Lower Upper
152 100
150 156.2 128.6 192.8
115 65.4 53.4 80.2



#2
1,4-Dioxane
Concen: 39.511 ng
RT: 3.375 min Scan# 49
Delta R.T. 0.005 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

Tgt Ion: 88 Resp: 102130
Ion Ratio Lower Upper
88 100
58 65.8 52.0 78.0
43 29.1 21.6 32.4

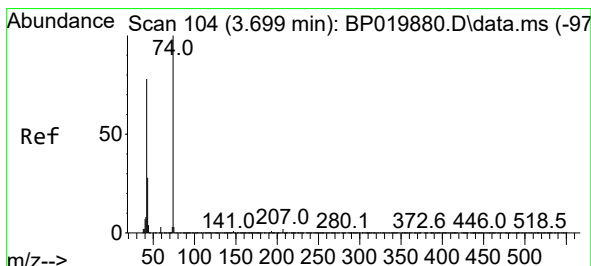
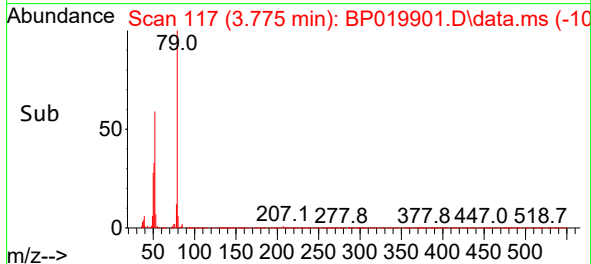
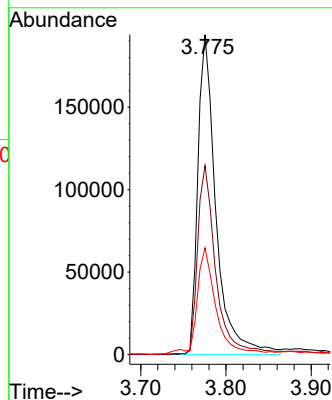
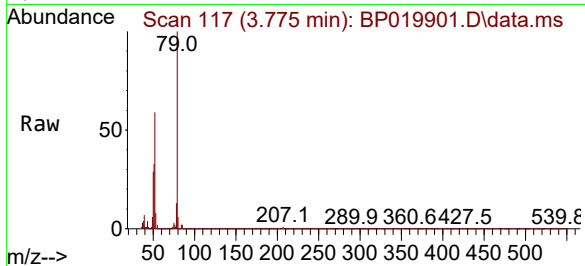




#3
Pyridine
Concen: 36.199 ng
RT: 3.775 min Scan# 117
Delta R.T. 0.000 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

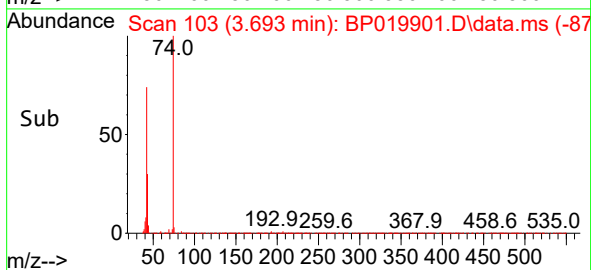
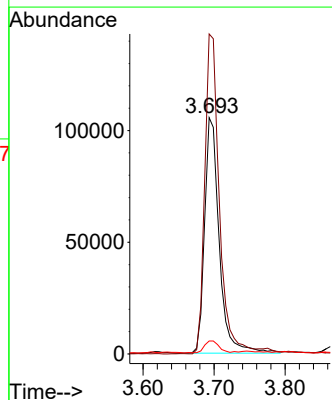
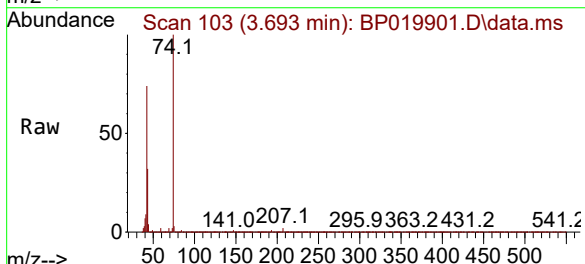
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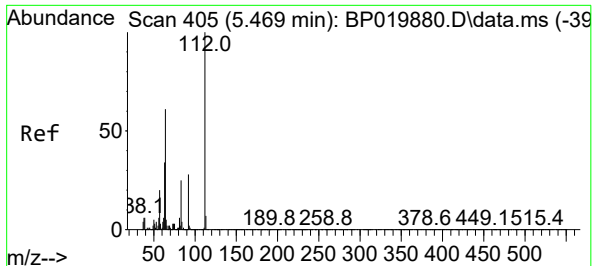
Tgt Ion: 79 Resp: 286189
Ion Ratio Lower Upper
79 100
52 59.1 47.8 71.8
51 33.4 26.2 39.2



#4
n-Nitrosodimethylamine
Concen: 46.510 ng
RT: 3.693 min Scan# 103
Delta R.T. -0.006 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

Tgt Ion: 42 Resp: 151529
Ion Ratio Lower Upper
42 100
74 135.4 103.0 154.4
44 5.5 4.6 6.8

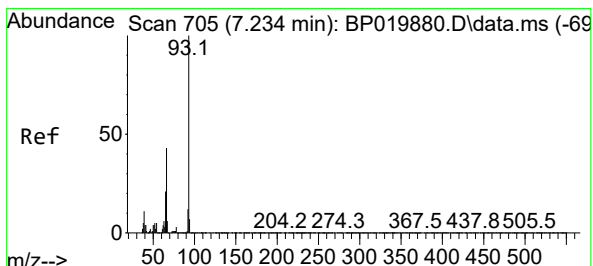
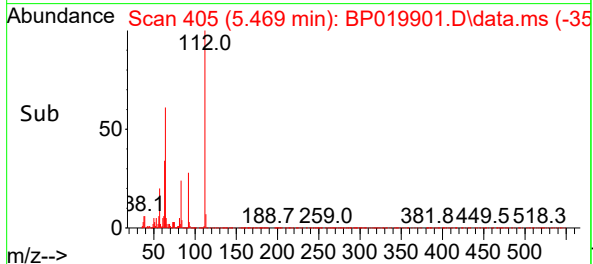
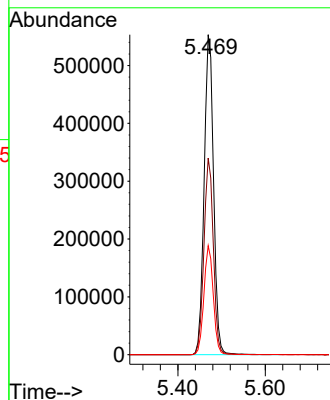
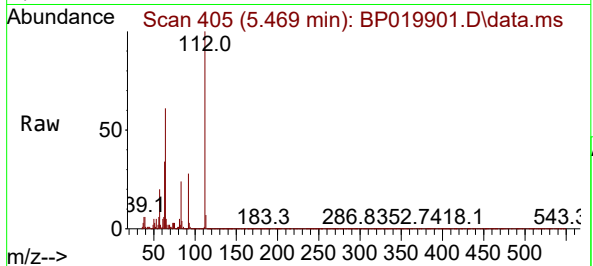




#5
2-Fluorophenol
Concen: 111.186 ng
RT: 5.469 min Scan# 405
Delta R.T. -0.000 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

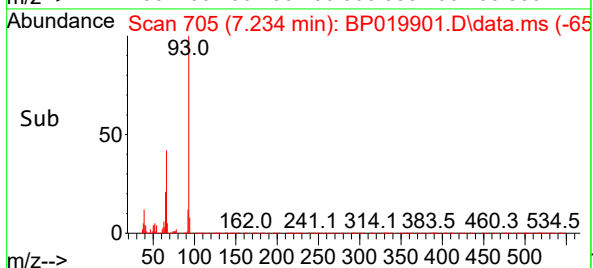
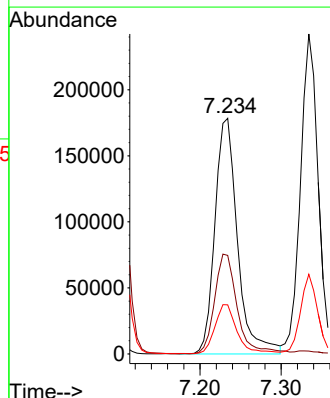
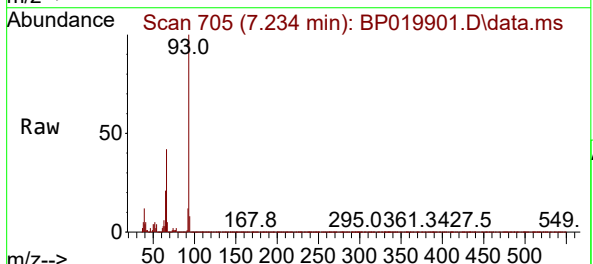
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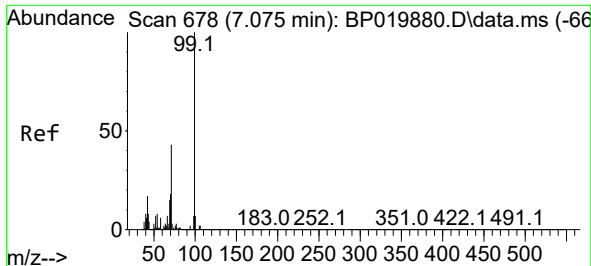
Tgt Ion:112 Resp: 830933
Ion Ratio Lower Upper
112 100
64 61.5 49.0 73.6
63 34.1 27.6 41.4



#6
Aniline
Concen: 25.299 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.000 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

Tgt Ion: 93 Resp: 345318
Ion Ratio Lower Upper
93 100
66 41.8 34.5 51.7
65 20.8 16.5 24.7

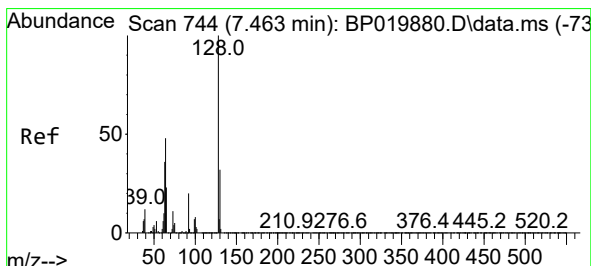
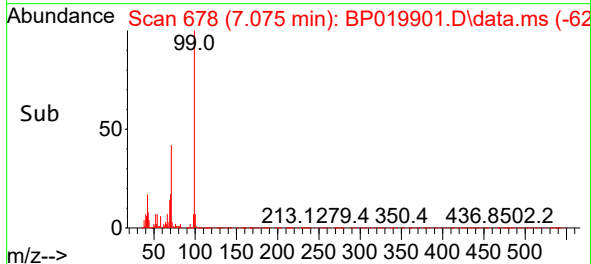
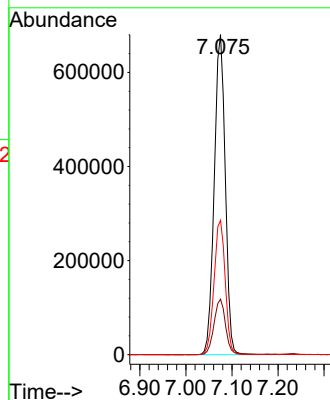
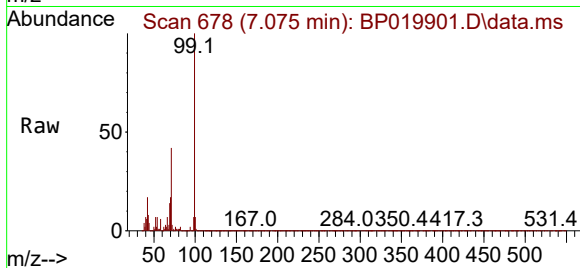




#7
Phenol-d6
Concen: 102.048 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

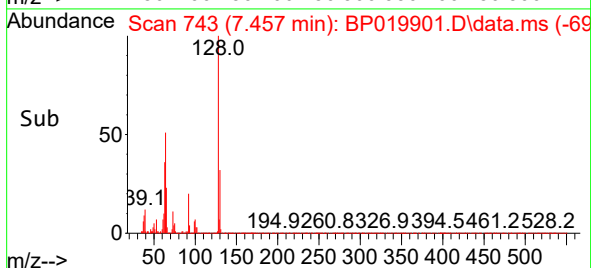
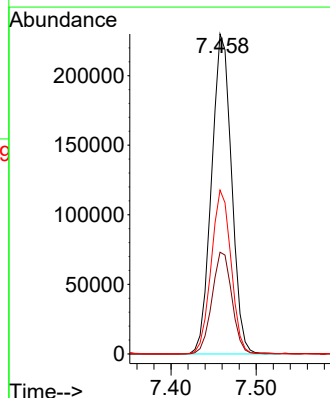
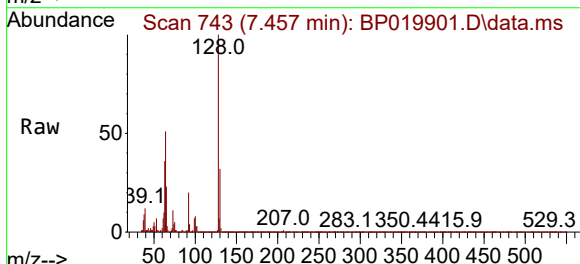
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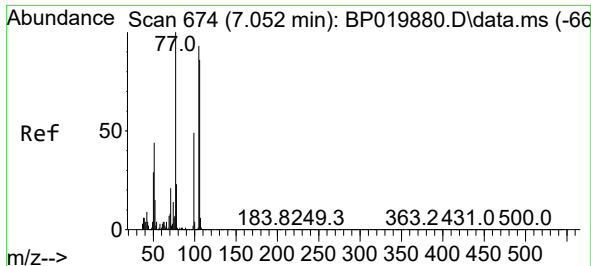
Tgt Ion: 99 Resp: 1135468
Ion Ratio Lower Upper
99 100
42 17.3 13.8 20.8
71 42.0 34.5 51.7



#8
2-Chlorophenol
Concen: 46.583 ng
RT: 7.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

Tgt Ion:128 Resp: 375409
Ion Ratio Lower Upper
128 100
130 31.8 12.3 52.3
64 51.2 29.2 69.2

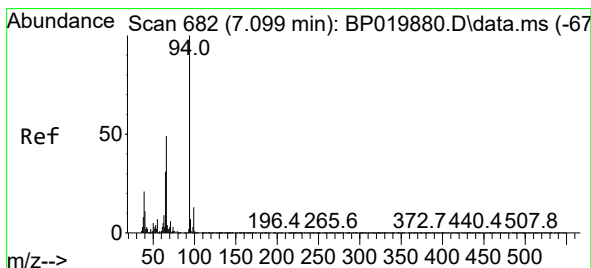
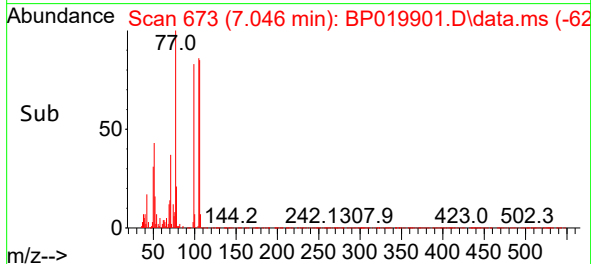
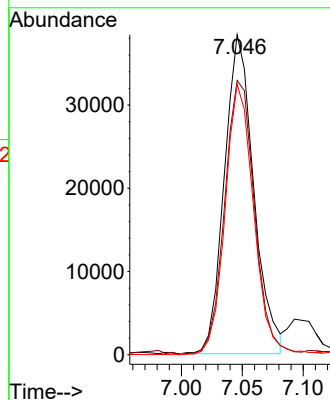
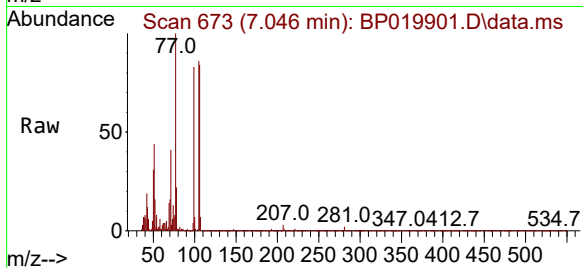




#9
Benzaldehyde
Concen: 10.124 ng
RT: 7.046 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

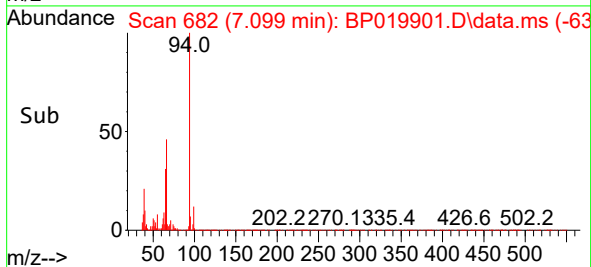
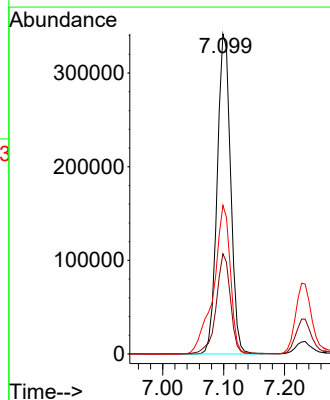
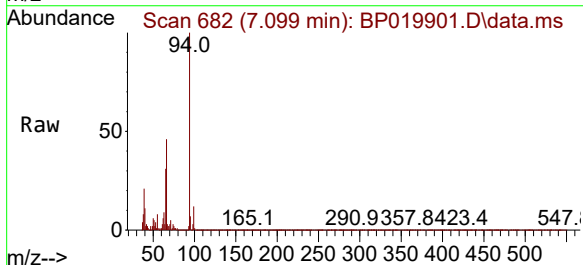
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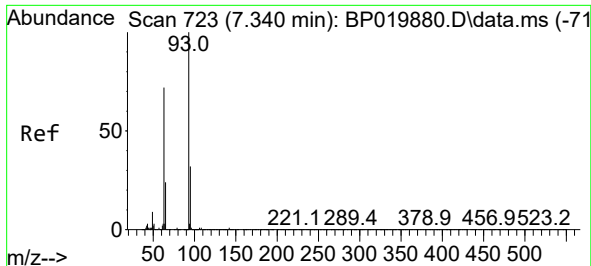
Tgt Ion: 77 Resp: 64300
Ion Ratio Lower Upper
77 100
105 85.7 73.2 113.2
106 84.4 66.3 106.3



#10
Phenol
Concen: 47.190 ng
RT: 7.099 min Scan# 682
Delta R.T. -0.000 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

Tgt Ion: 94 Resp: 523577
Ion Ratio Lower Upper
94 100
65 31.3 11.5 51.5
66 46.5 29.2 69.2

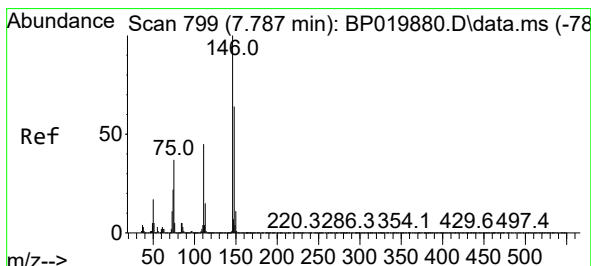
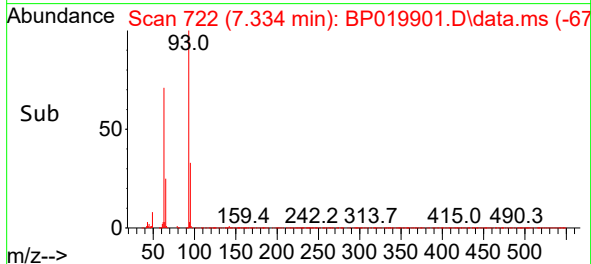
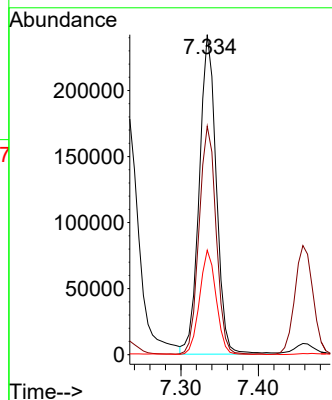
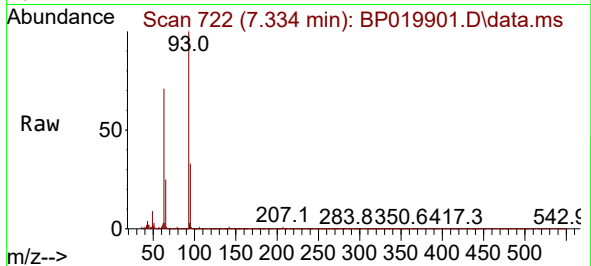




#11
bis(2-Chloroethyl)ether
Concen: 42.172 ng
RT: 7.334 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

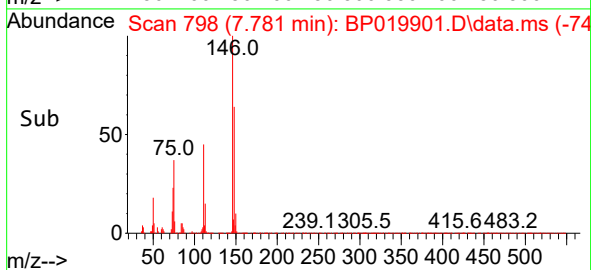
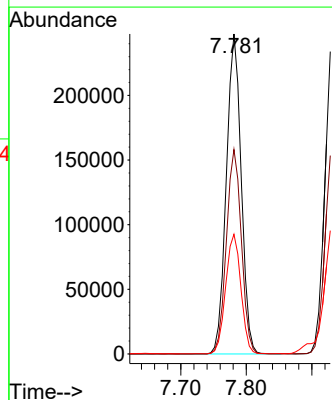
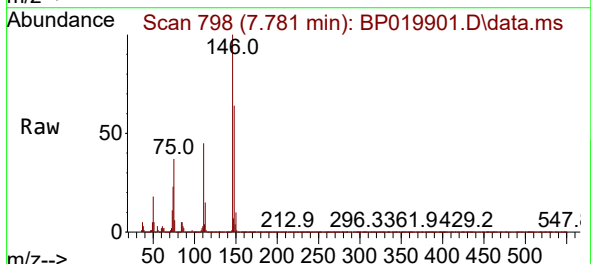
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MSD

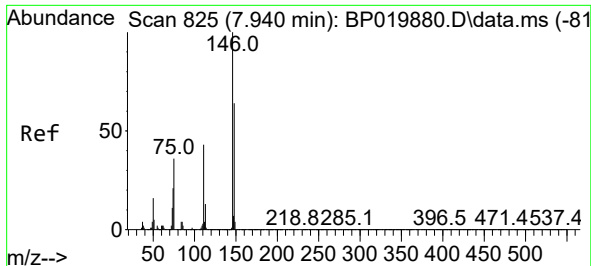
Tgt Ion: 93 Resp: 368518
Ion Ratio Lower Upper
93 100
63 71.4 52.0 92.0
95 32.6 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 44.479 ng
RT: 7.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

Tgt Ion:146 Resp: 389170
Ion Ratio Lower Upper
146 100
148 63.9 51.3 76.9
75 37.4 29.8 44.8

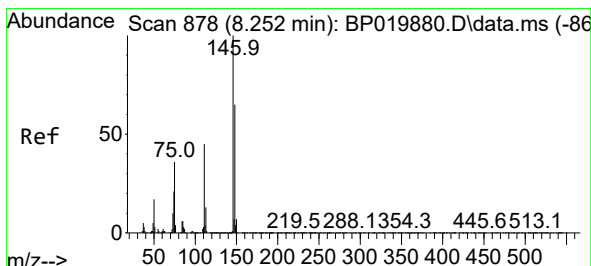
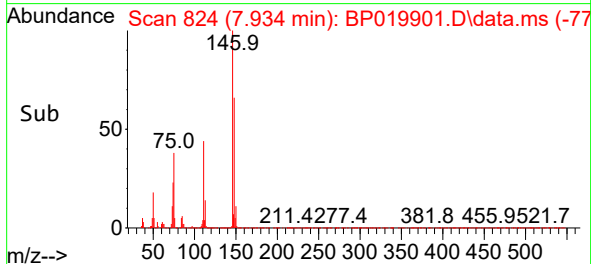
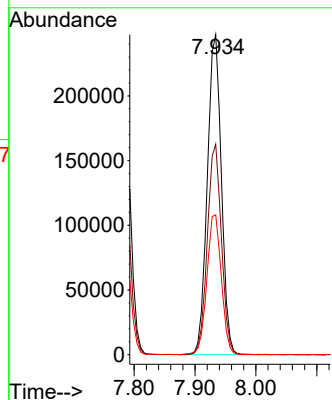
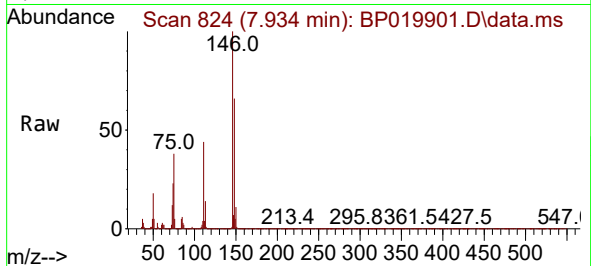




#13
1,4-Dichlorobenzene
Concen: 44.792 ng
RT: 7.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

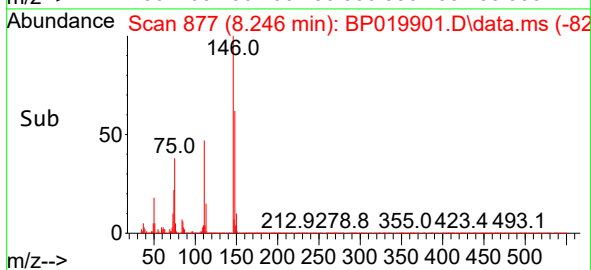
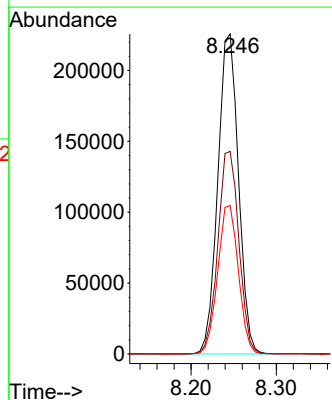
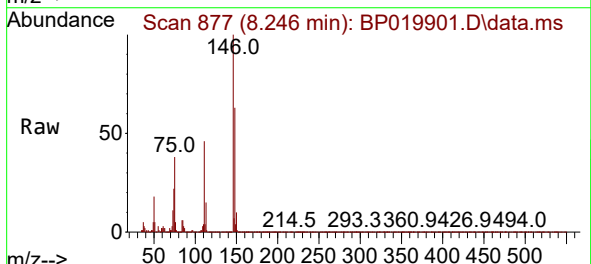
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MSD

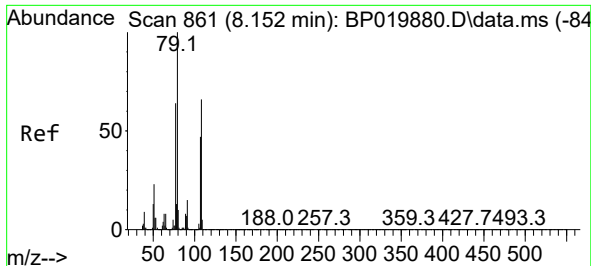
Tgt Ion:146 Resp: 396865
Ion Ratio Lower Upper
146 100
148 65.8 51.0 76.6
111 43.7 34.6 52.0



#14
1,2-Dichlorobenzene
Concen: 42.742 ng
RT: 8.246 min Scan# 877
Delta R.T. -0.006 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

Tgt Ion:146 Resp: 379897
Ion Ratio Lower Upper
146 100
148 63.3 51.7 77.5
111 46.4 35.9 53.9

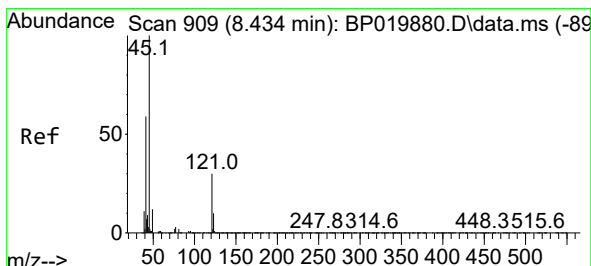
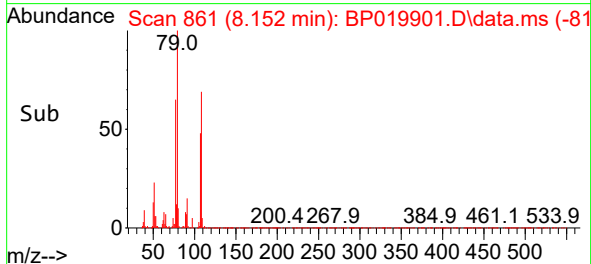
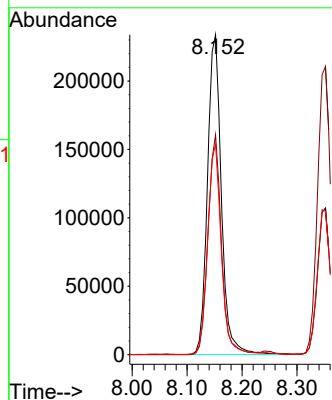
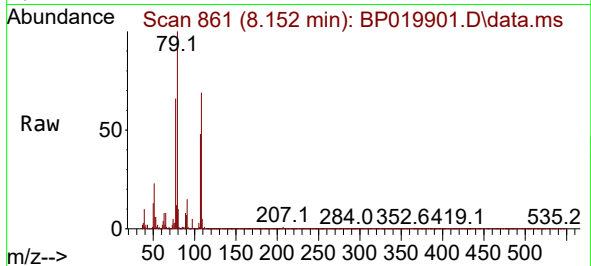




#15
Benzyl Alcohol
Concen: 41.674 ng
RT: 8.152 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

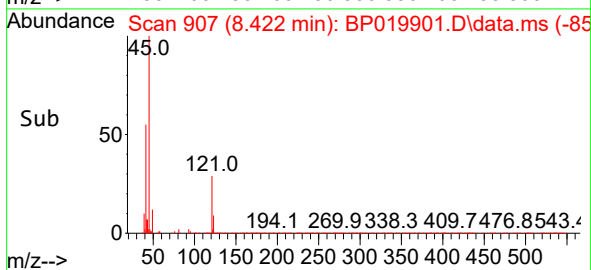
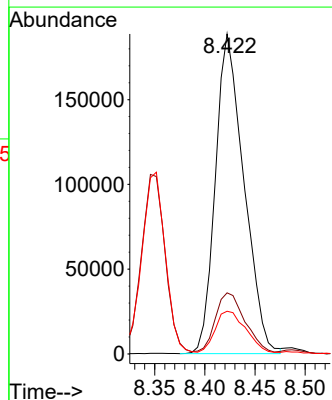
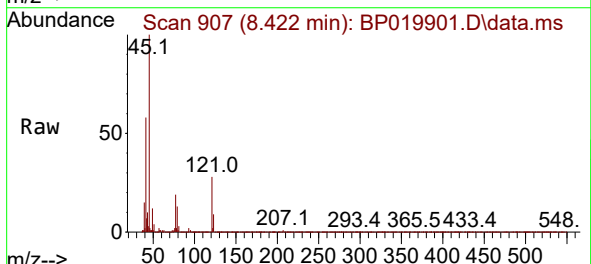
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MSD

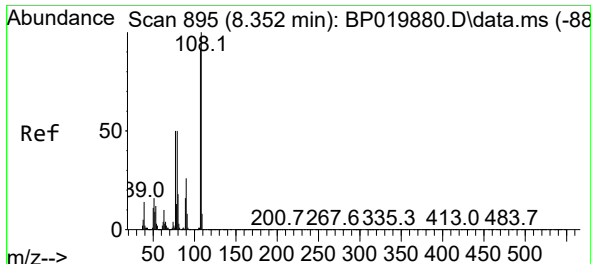
Tgt Ion: 79 Resp: 409072
Ion Ratio Lower Upper
79 100
108 68.7 52.5 78.7
77 65.8 51.0 76.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.978 ng
RT: 8.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

Tgt Ion: 45 Resp: 372996
Ion Ratio Lower Upper
45 100
77 19.1 0.8 40.8
79 13.3 0.0 34.7

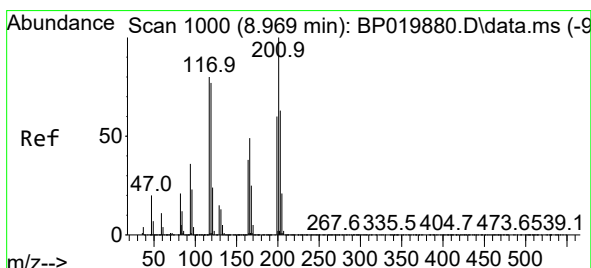
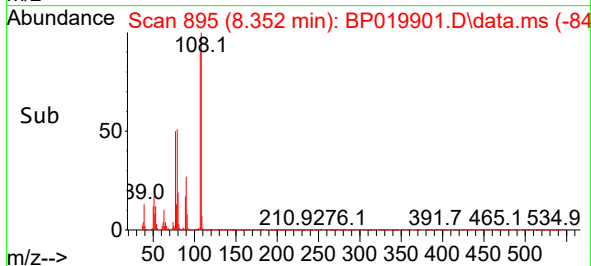
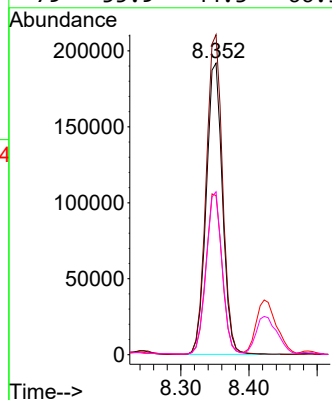
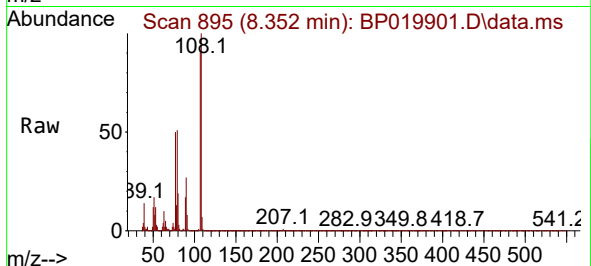




#17
2-Methylphenol
Concen: 38.320 ng
RT: 8.352 min Scan# 895
Delta R.T. -0.000 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

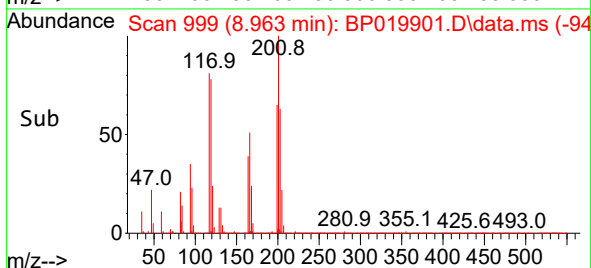
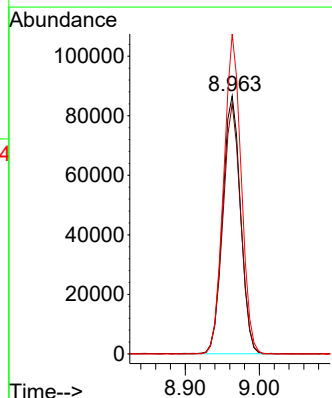
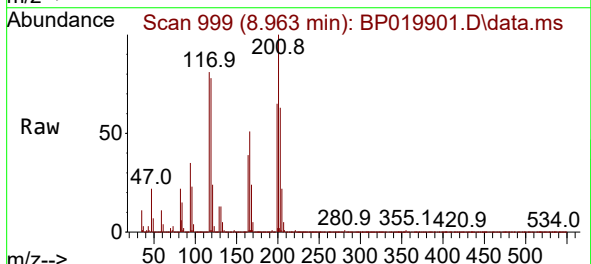
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MSD

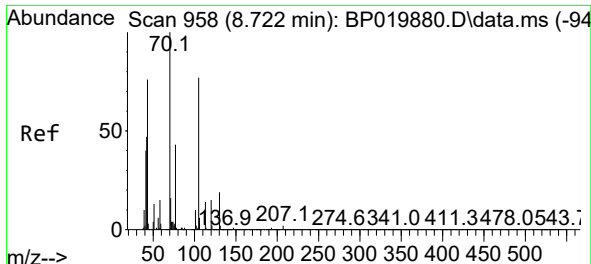
Tgt Ion:	107	Resp:	317967
Ion	Ratio	Lower	Upper
107	100		
108	109.8	88.4	132.6
77	54.5	43.8	65.8
79	55.9	44.3	66.5



#18
Hexachloroethane
Concen: 42.221 ng
RT: 8.963 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

Tgt Ion:	117	Resp:	144960
Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.9	115.3
201	124.0	99.6	149.4

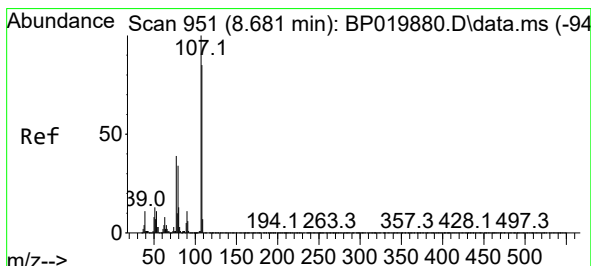
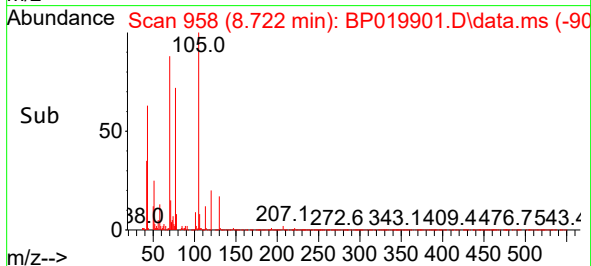
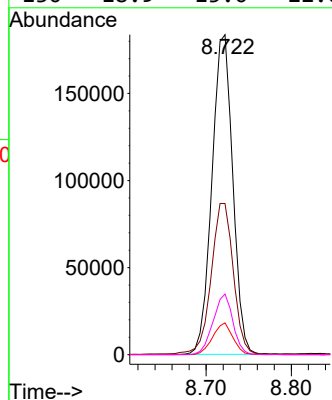
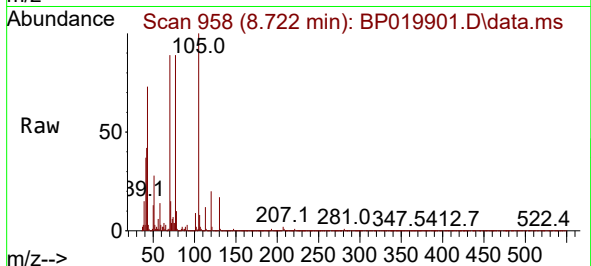




#19
n-Nitroso-di-n-propylamine
Concen: 37.061 ng
RT: 8.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

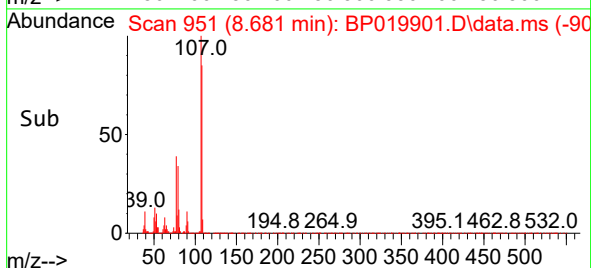
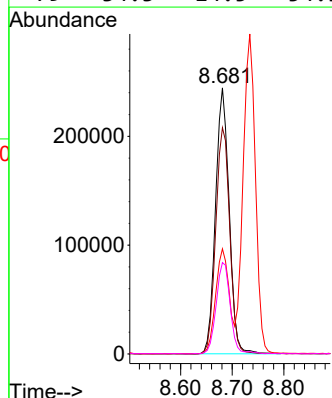
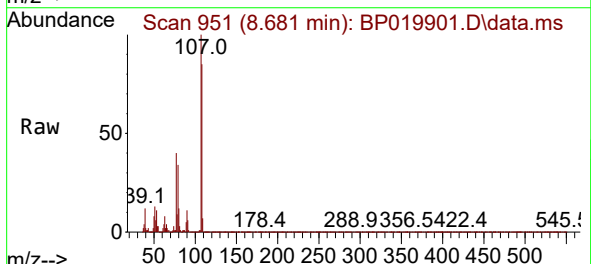
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MSD

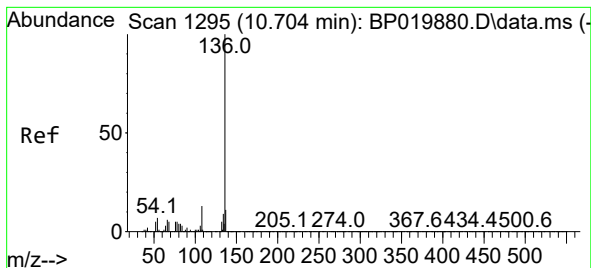
Tgt Ion:	70	Resp:	311521
Ion	Ratio	Lower	Upper
70	100		
42	47.2	38.2	57.2
101	9.9	8.0	12.0
130	18.9	15.0	22.6



#20
3+4-Methylphenols
Concen: 37.505 ng
RT: 8.681 min Scan# 951
Delta R.T. -0.000 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

Tgt Ion:	107	Resp:	447172
Ion	Ratio	Lower	Upper
107	100		
108	85.0	64.8	104.8
77	39.5	18.8	58.8
79	34.3	14.5	54.5

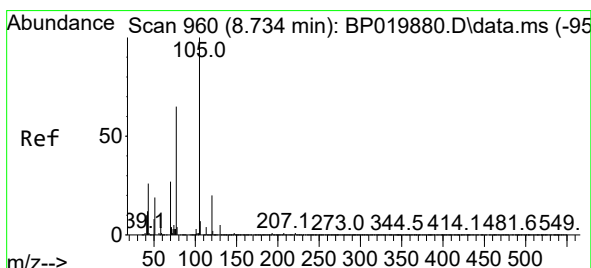
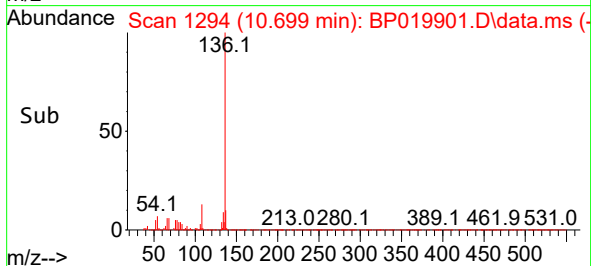
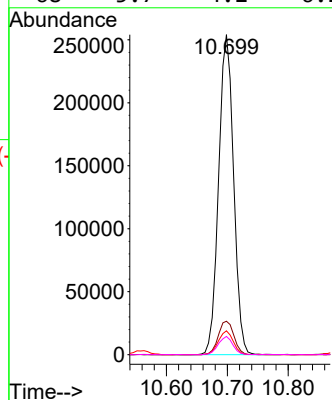
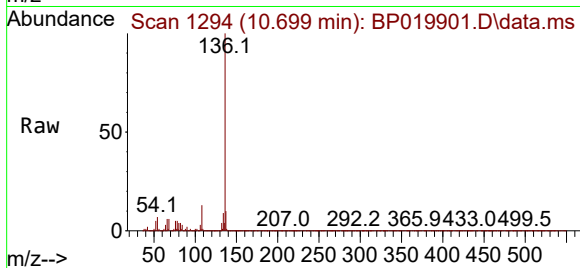




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

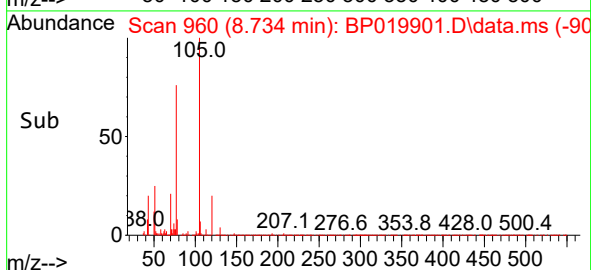
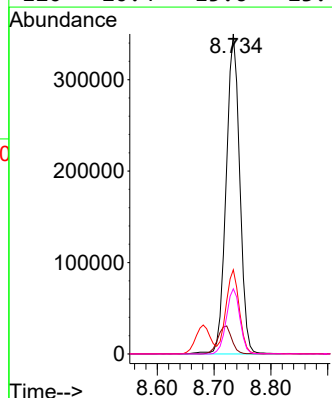
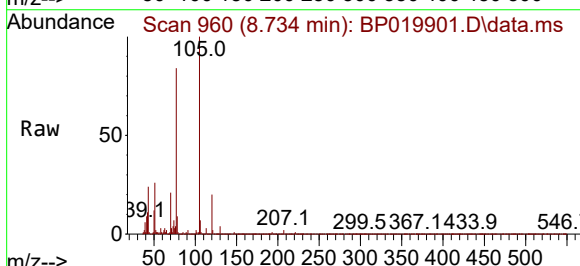
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MSD

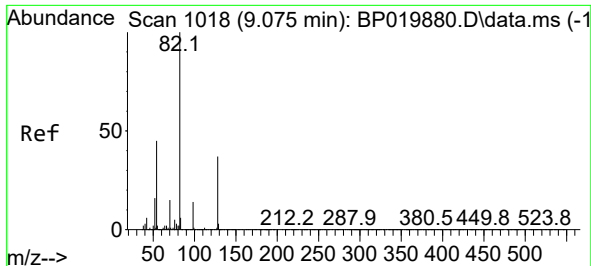
Tgt Ion:	136	Resp:	433240
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.7	13.1
54	7.5	6.0	9.0
68	5.7	4.2	6.2



#22
Acetophenone
Concen: 43.342 ng
RT: 8.734 min Scan# 960
Delta R.T. -0.000 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

Tgt Ion:	105	Resp:	583193
Ion Ratio	Lower	Upper	
105	100		
71	3.4	3.7	5.5
51	26.3	20.5	30.7
120	20.4	15.6	23.4





#23

Nitrobenzene-d5

Concen: 65.492 ng

RT: 9.069 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BP019901.D

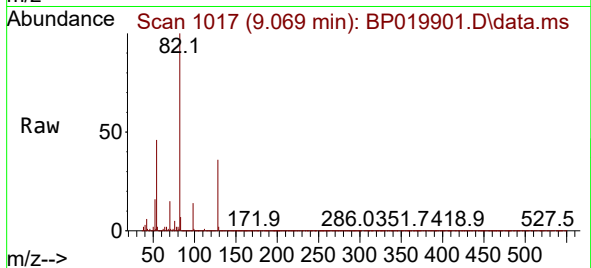
Acq: 27 Feb 2024 17:42

Instrument :

BNA_P

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MSD



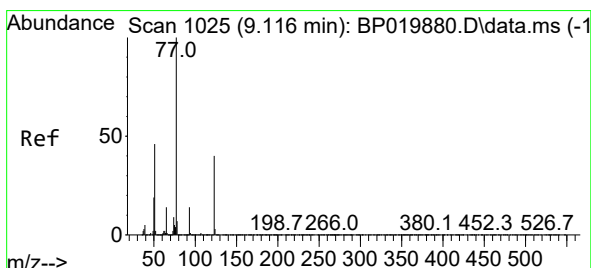
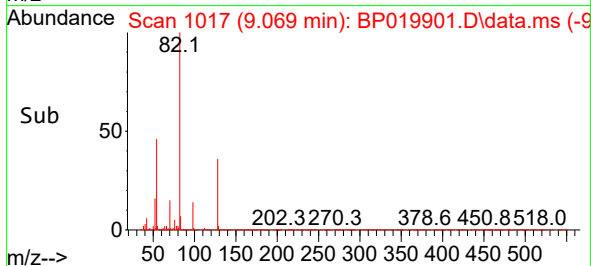
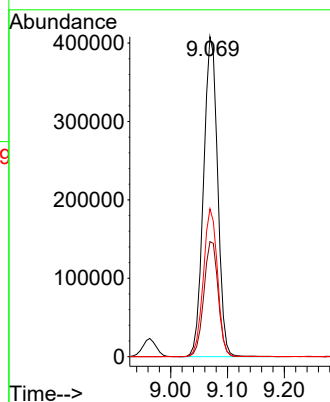
Tgt Ion: 82 Resp: 702815

Ion Ratio Lower Upper

82 100

128 36.0 29.6 44.4

54 46.2 36.3 54.5



#24

Nitrobenzene

Concen: 43.904 ng

RT: 9.116 min Scan# 1025

Delta R.T. -0.000 min

Lab File: BP019901.D

Acq: 27 Feb 2024 17:42

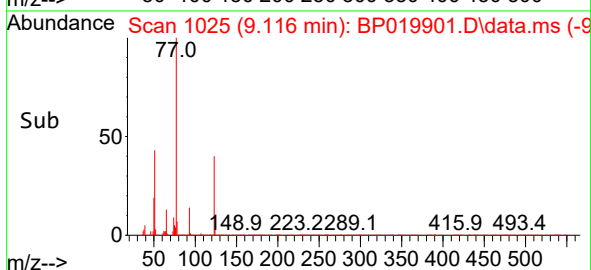
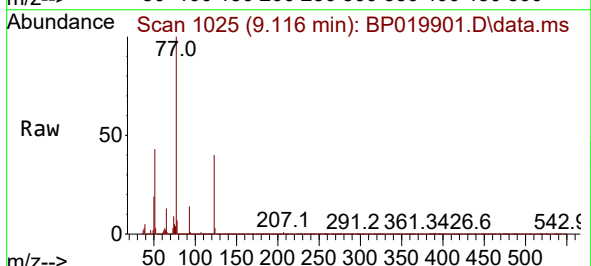
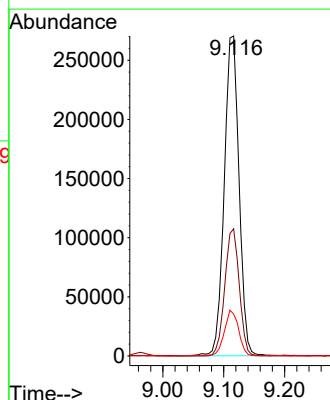
Tgt Ion: 77 Resp: 456127

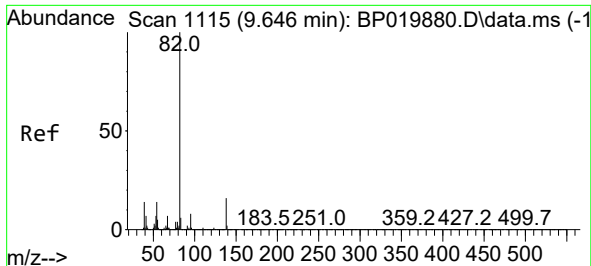
Ion Ratio Lower Upper

77 100

123 39.8 31.8 47.6

65 13.1 11.0 16.6

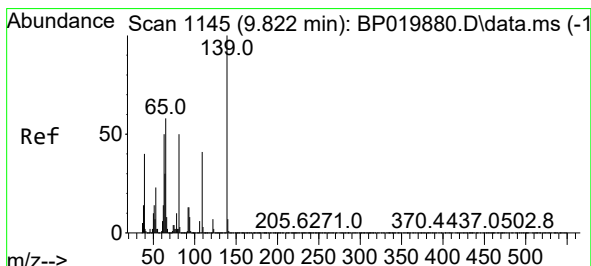
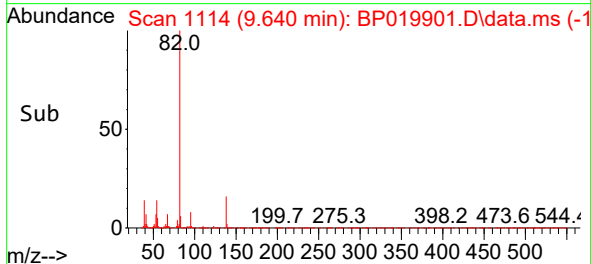
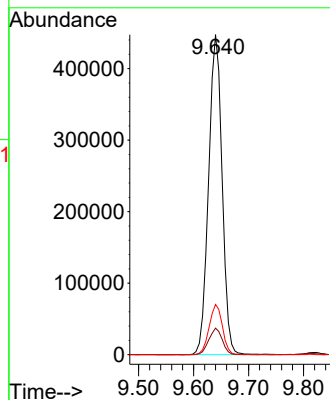
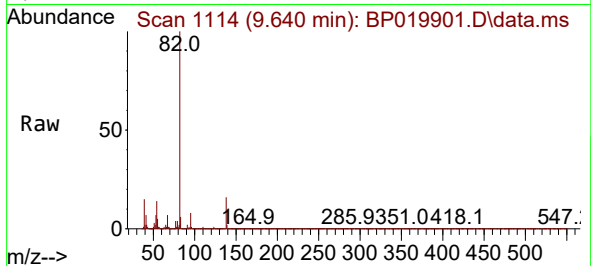




#25
Isophorone
Concen: 40.845 ng
RT: 9.640 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

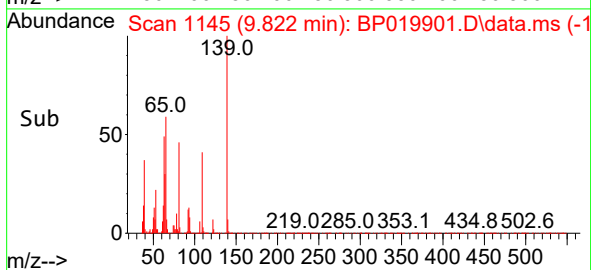
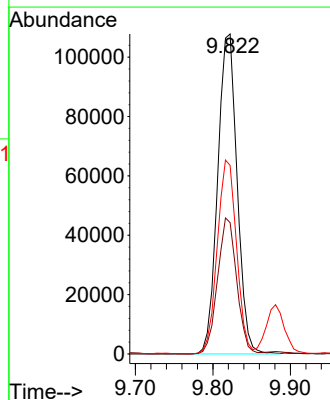
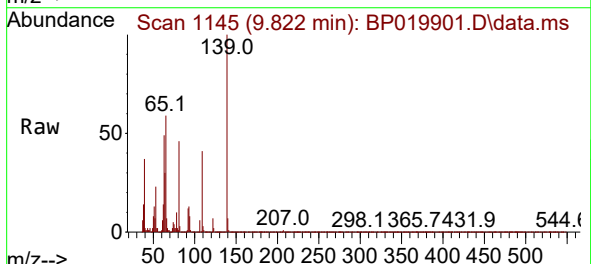
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MSD

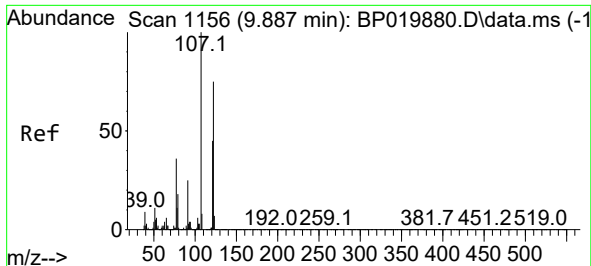
Tgt Ion: 82 Resp: 762928
Ion Ratio Lower Upper
82 100
95 8.3 6.6 10.0
138 15.7 12.8 19.2



#26
2-Nitrophenol
Concen: 45.196 ng
RT: 9.822 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

Tgt Ion:139 Resp: 187883
Ion Ratio Lower Upper
139 100
109 41.0 32.9 49.3
65 58.9 46.7 70.1





#27

2,4-Dimethylphenol

Concen: 28.458 ng

RT: 9.881 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BP019901.D

Acq: 27 Feb 2024 17:42

Instrument :

BNA_P

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MSD

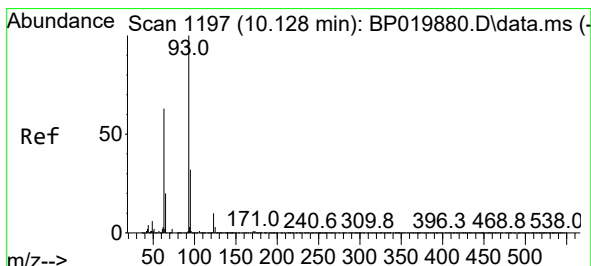
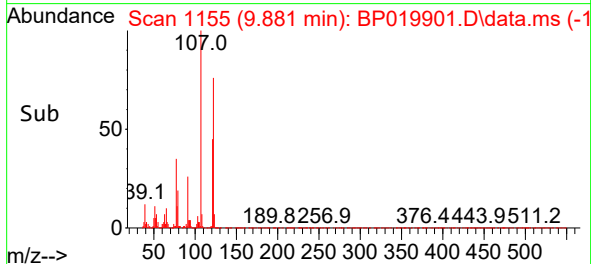
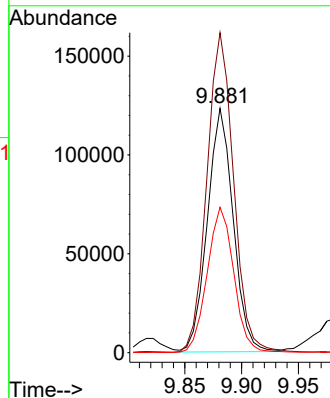
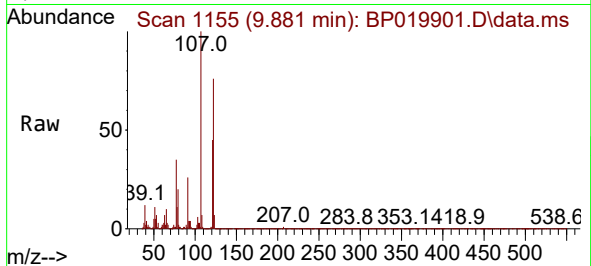
Tgt Ion:122 Resp: 195295

Ion Ratio Lower Upper

122 100

107 131.0 105.7 158.5

121 59.5 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 42.148 ng

RT: 10.128 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BP019901.D

Acq: 27 Feb 2024 17:42

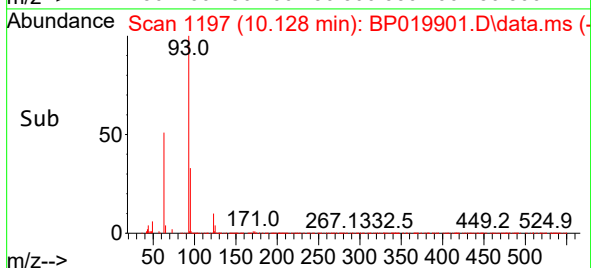
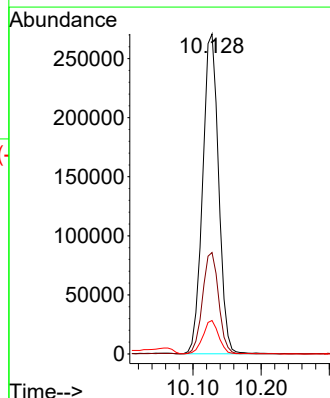
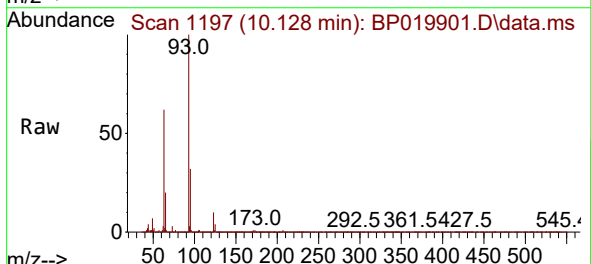
Tgt Ion: 93 Resp: 439350

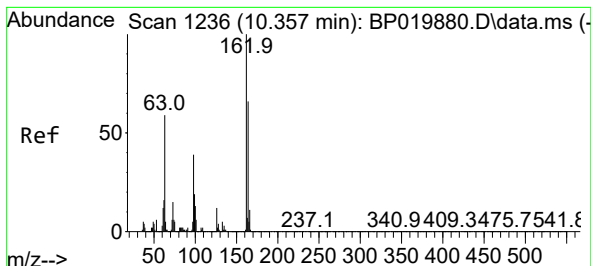
Ion Ratio Lower Upper

93 100

95 31.7 25.8 38.8

123 10.5 7.8 11.6





#29

2,4-Dichlorophenol

Concen: 46.363 ng

RT: 10.351 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP019901.D

Acq: 27 Feb 2024 17:42

Instrument :

BNA_P

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MSD

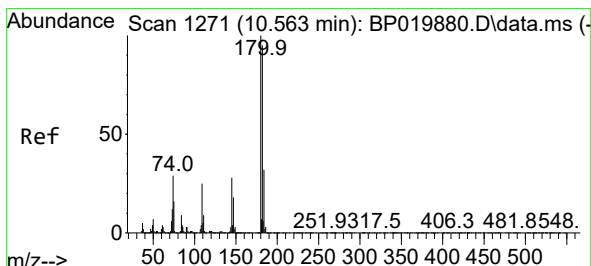
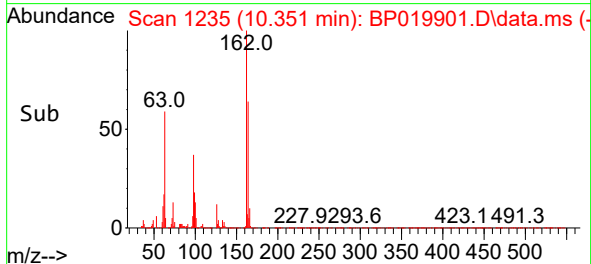
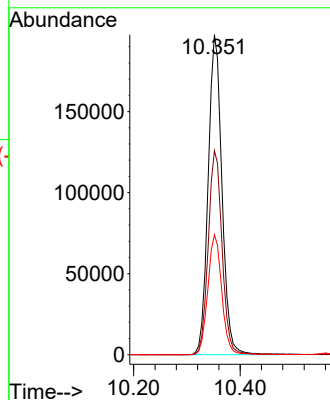
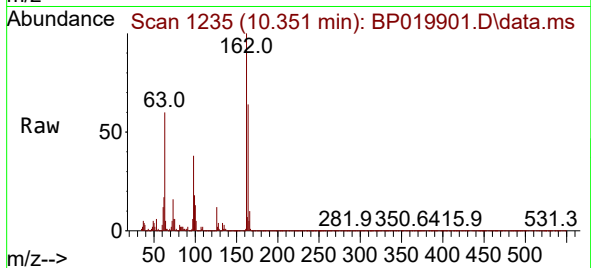
Tgt Ion:162 Resp: 354899

Ion Ratio Lower Upper

162 100

164 63.8 45.8 85.8

98 37.5 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 44.754 ng

RT: 10.557 min Scan# 1270

Delta R.T. -0.006 min

Lab File: BP019901.D

Acq: 27 Feb 2024 17:42

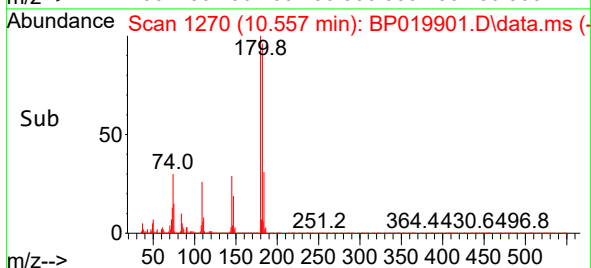
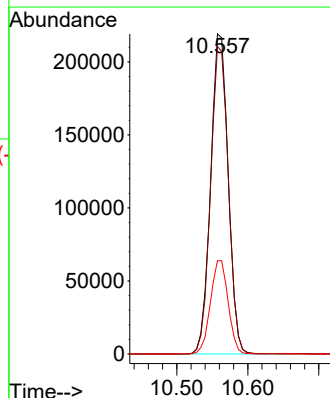
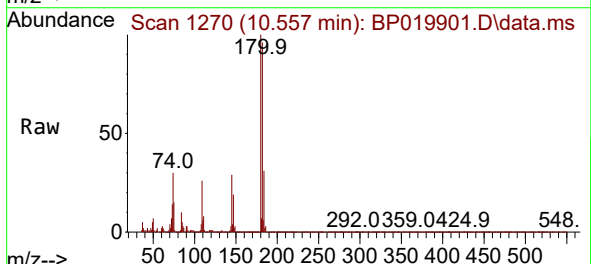
Tgt Ion:180 Resp: 376361

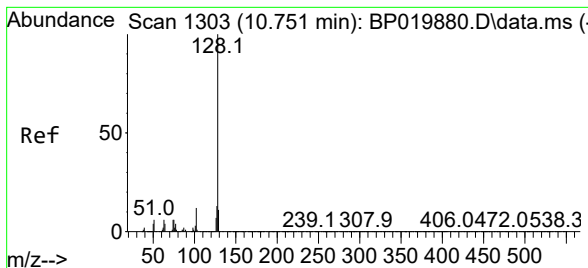
Ion Ratio Lower Upper

180 100

182 96.1 75.7 113.5

145 29.2 22.8 34.2

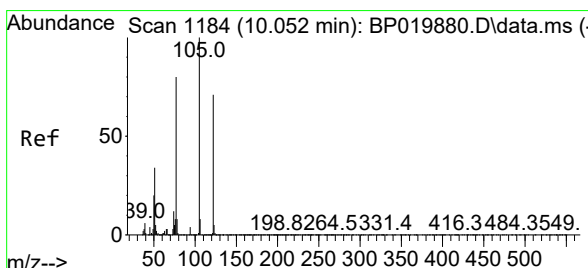
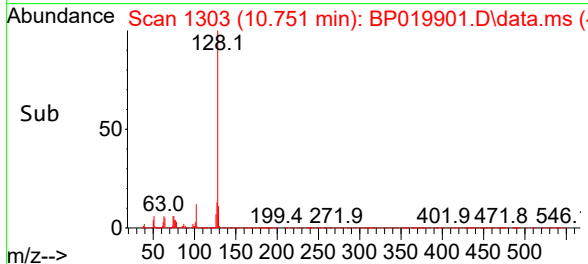
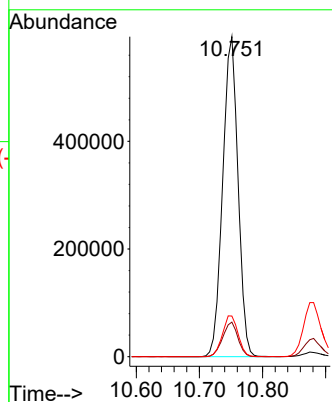
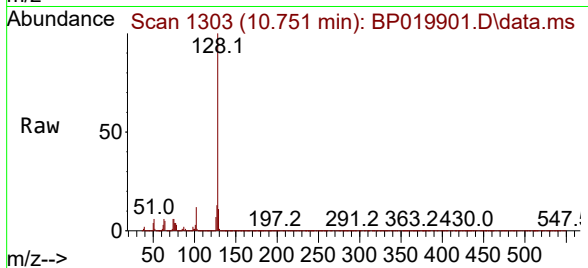




#31
Naphthalene
Concen: 43.072 ng
RT: 10.751 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

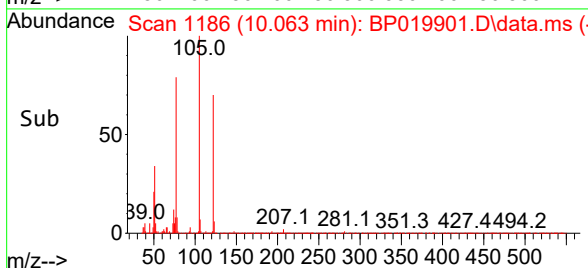
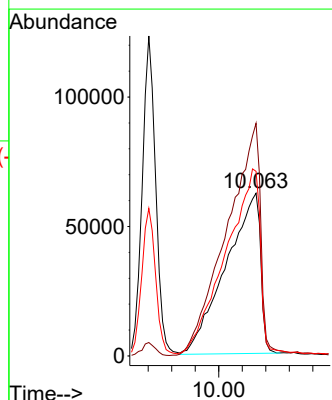
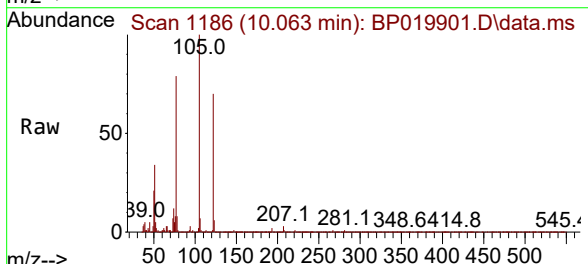
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MSD

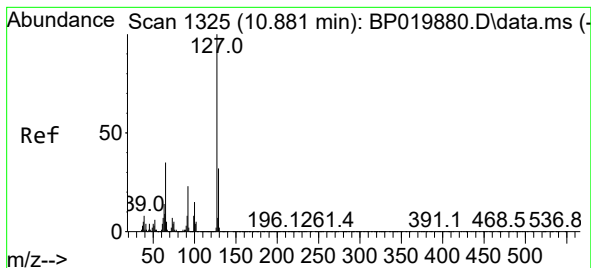
Tgt Ion:128 Resp: 999127
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 12.7 10.2 15.2



#32
Benzoic acid
Concen: 43.318 ng
RT: 10.063 min Scan# 1186
Delta R.T. 0.012 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

Tgt Ion:122 Resp: 251864
Ion Ratio Lower Upper
122 100
105 143.0 120.8 160.8
77 113.4 93.5 133.5

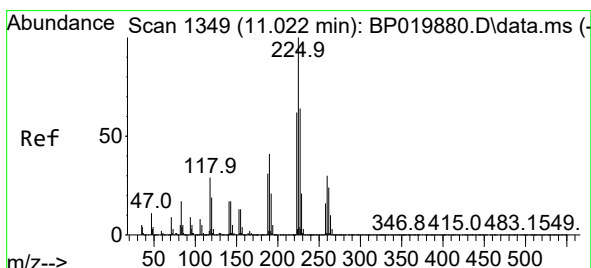
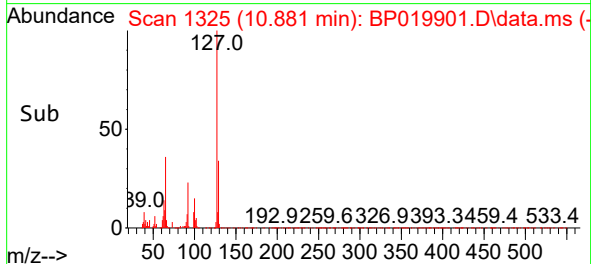
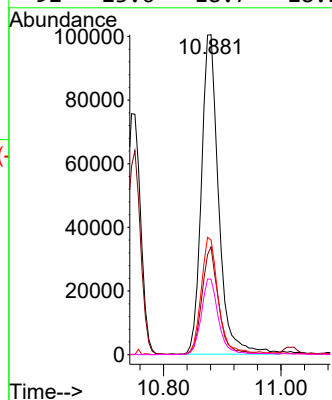
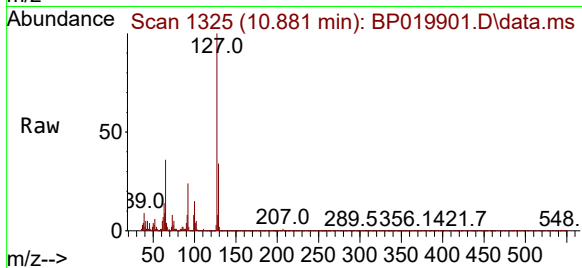




#33
4-Chloroaniline
Concen: 19.470 ng
RT: 10.881 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

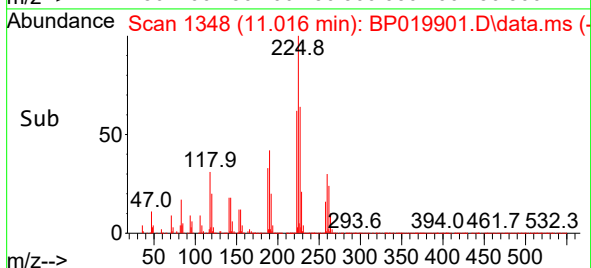
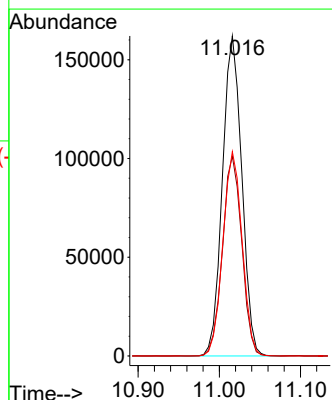
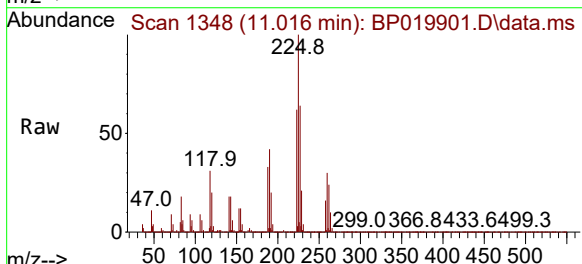
Instrument : BNA_P
ClientSampleId : 20240765-COMPOSITE-39N-N-3-03MSD

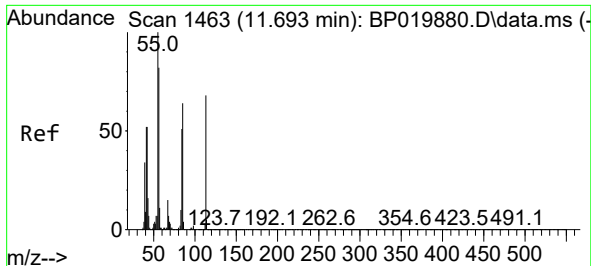
Tgt Ion:	127	Resp:	205186
Ion	Ratio	Lower	Upper
127	100		
129	33.7	25.7	38.5
65	35.8	28.2	42.4
92	23.6	18.7	28.1



#34
Hexachlorobutadiene
Concen: 43.980 ng
RT: 11.016 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

Tgt Ion:	225	Resp:	268958
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.8	74.6
227	63.8	51.1	76.7

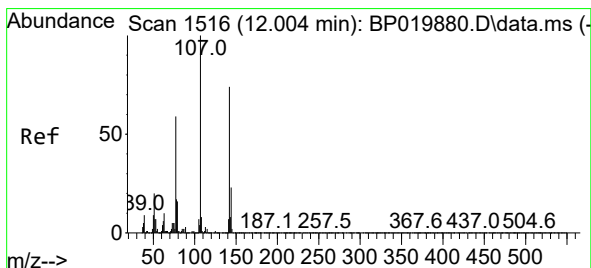
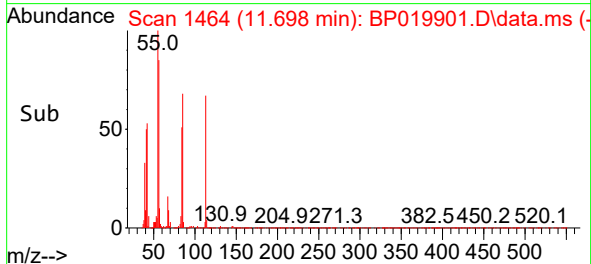
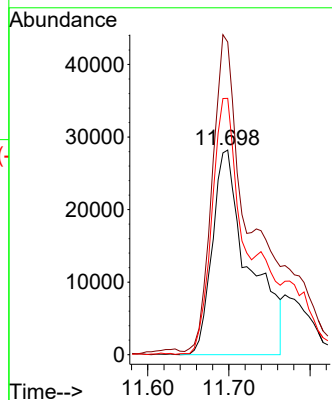
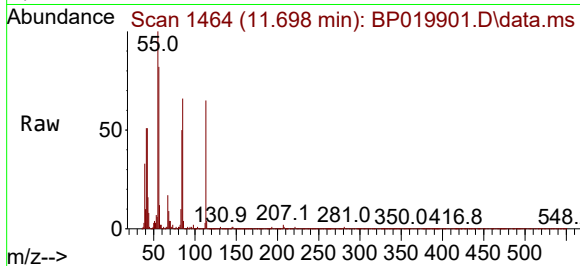




#35
Caprolactam
Concen: 31.219 ng
RT: 11.698 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

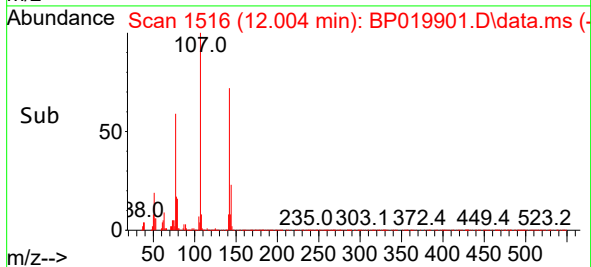
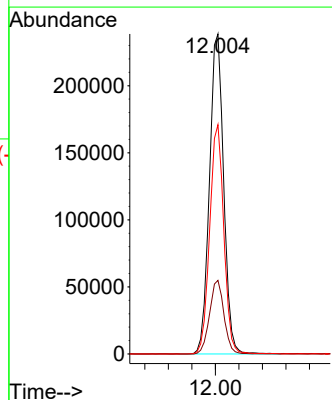
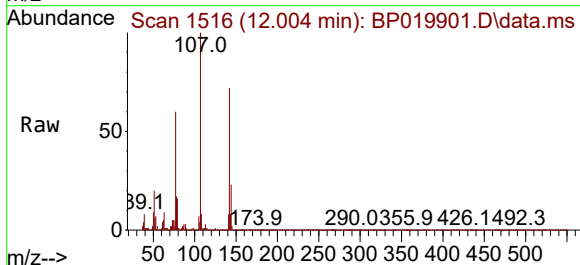
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MSD

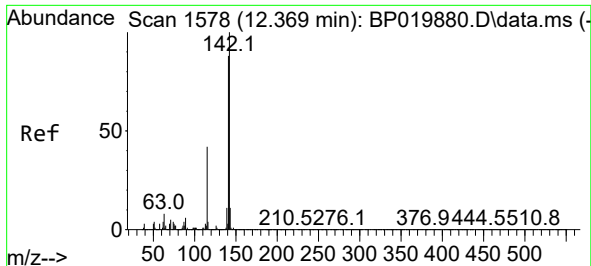
Tgt Ion:113 Resp: 88128
Ion Ratio Lower Upper
113 100
55 152.8 127.6 167.6
56 125.3 100.9 140.9



#36
4-Chloro-3-methylphenol
Concen: 42.369 ng
RT: 12.004 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

Tgt Ion:107 Resp: 400079
Ion Ratio Lower Upper
107 100
144 23.0 18.6 28.0
142 71.6 58.8 88.2

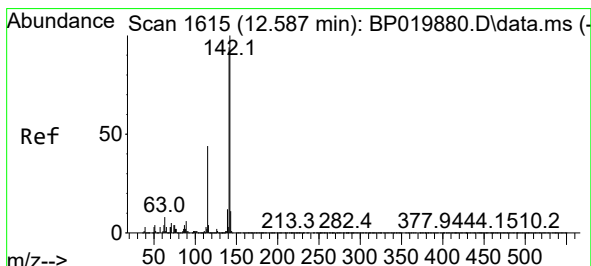
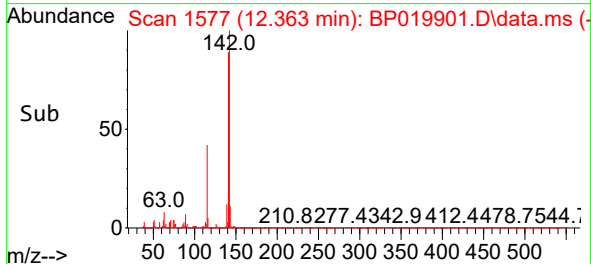
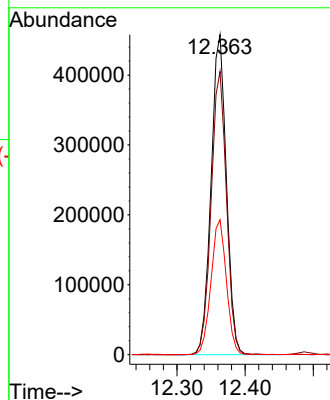
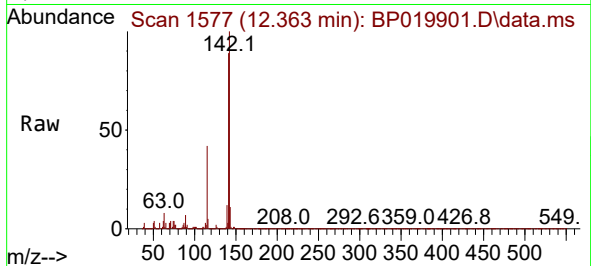




#37
2-Methylnaphthalene
Concen: 39.727 ng
RT: 12.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

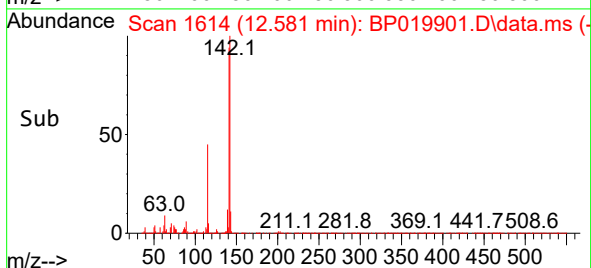
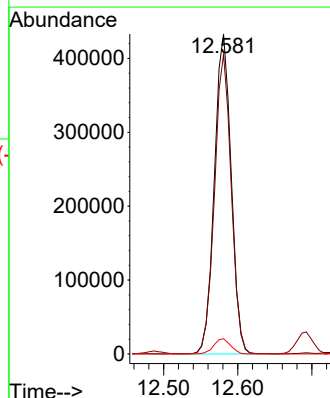
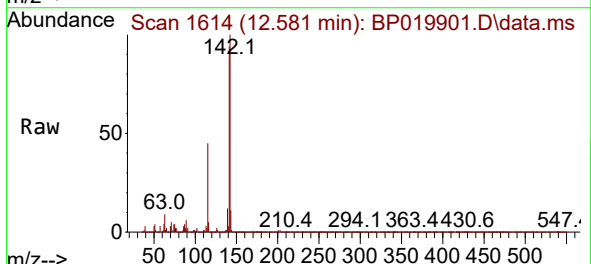
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MSD

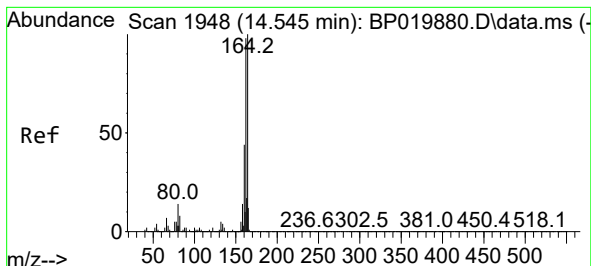
Tgt Ion:142 Resp: 715362
Ion Ratio Lower Upper
142 100
141 88.5 70.0 105.0
115 42.2 33.7 50.5



#38
1-Methylnaphthalene
Concen: 39.957 ng
RT: 12.581 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

Tgt Ion:142 Resp: 680814
Ion Ratio Lower Upper
142 100
141 93.6 75.5 113.3
116 4.7 3.5 5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.539 min Scan# 1947

Delta R.T. -0.006 min

Lab File: BP019901.D

Acq: 27 Feb 2024 17:42

Instrument :

BNA_P

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MSD

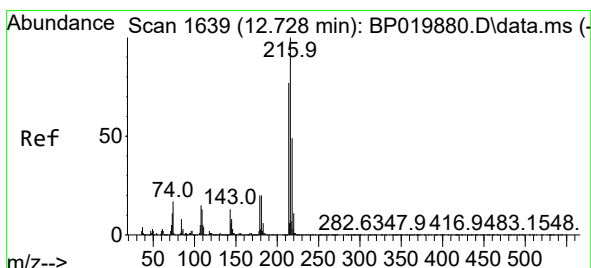
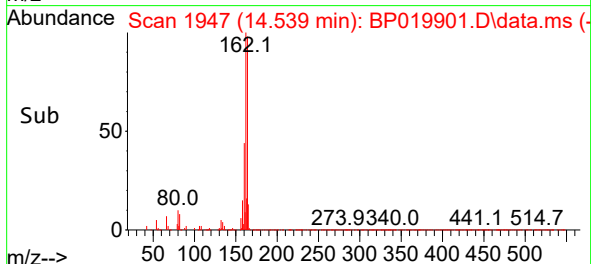
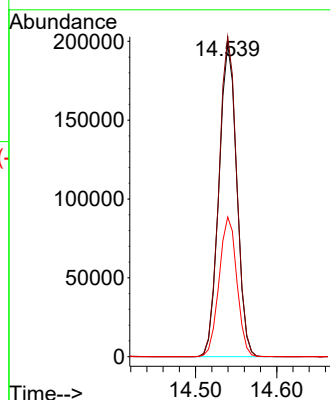
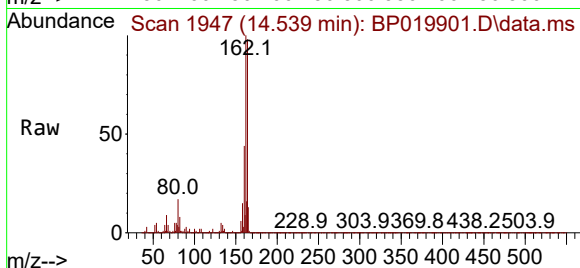
Tgt Ion:164 Resp: 301768

Ion Ratio Lower Upper

164 100

162 102.5 78.1 117.1

160 44.7 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.383 ng

RT: 12.728 min Scan# 1639

Delta R.T. -0.000 min

Lab File: BP019901.D

Acq: 27 Feb 2024 17:42

Tgt Ion:216 Resp: 488433

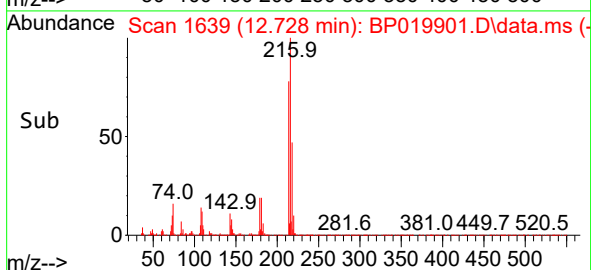
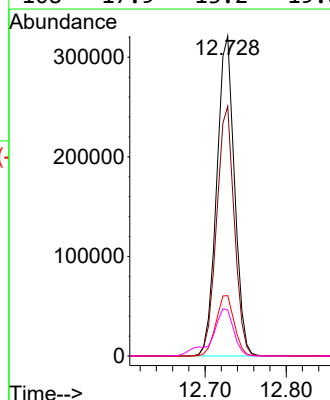
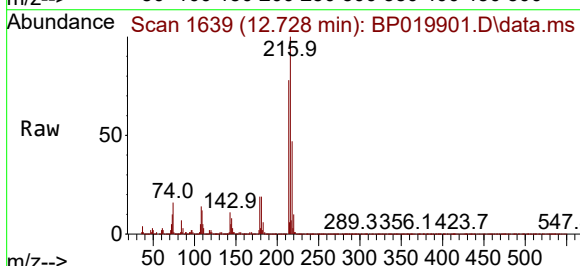
Ion Ratio Lower Upper

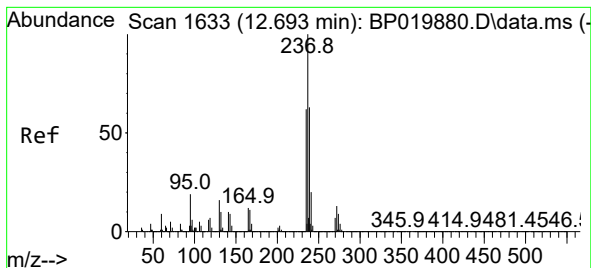
216 100

214 77.7 62.5 93.7

179 19.5 15.8 23.6

108 17.9 13.2 19.8

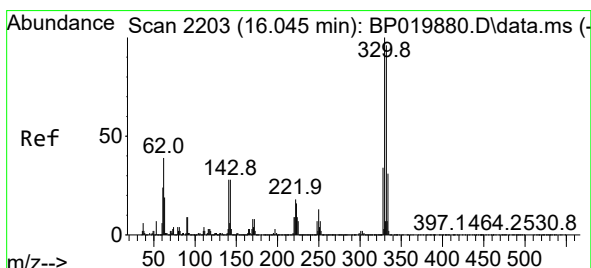
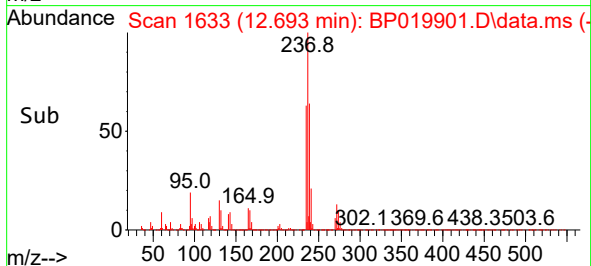
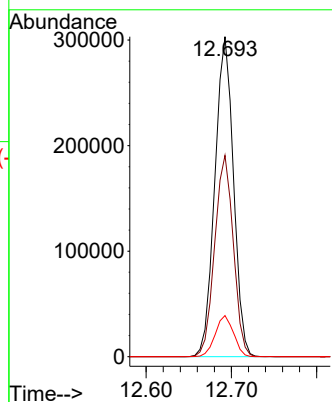
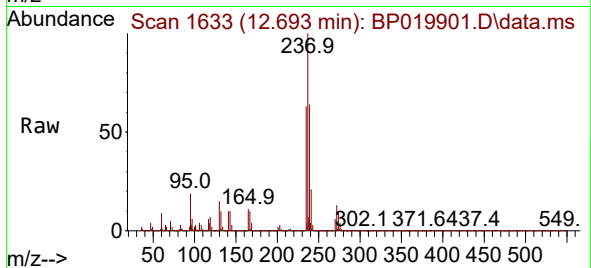




#41
Hexachlorocyclopentadiene
Concen: 86.284 ng
RT: 12.693 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

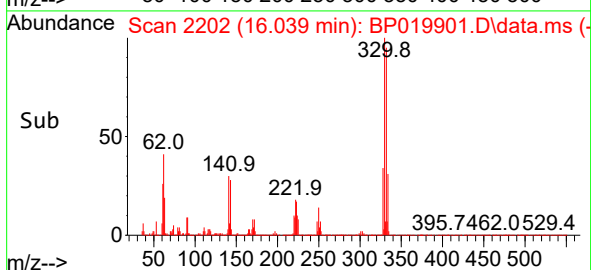
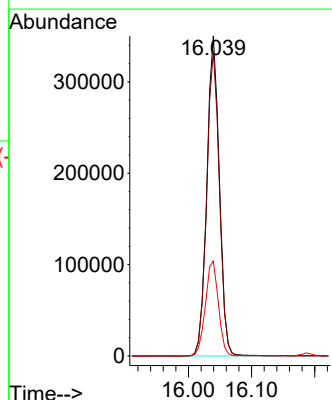
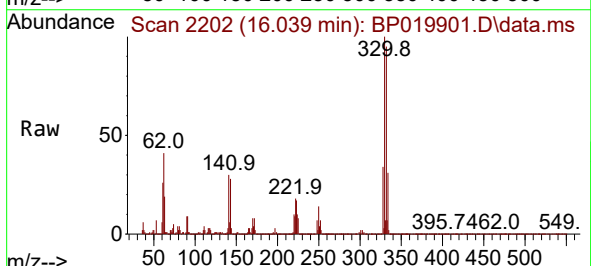
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MSD

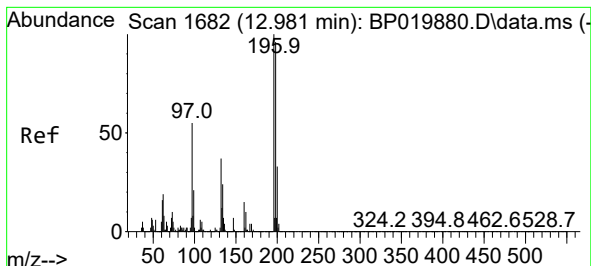
Tgt Ion:237 Resp: 460538
Ion Ratio Lower Upper
237 100
235 62.9 41.5 81.5
272 12.8 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 93.270 ng
RT: 16.039 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

Tgt Ion:330 Resp: 482605
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.2
141 30.8 24.6 37.0





#43

2,4,6-Trichlorophenol

Concen: 46.755 ng

RT: 12.975 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019901.D

Acq: 27 Feb 2024 17:42

Instrument :

BNA_P

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MSD

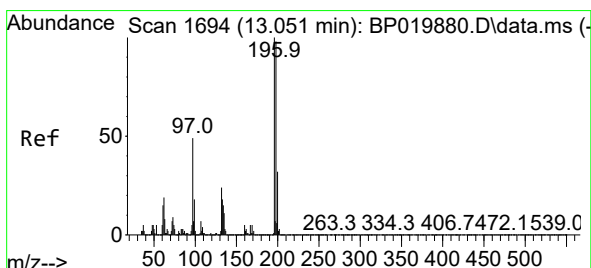
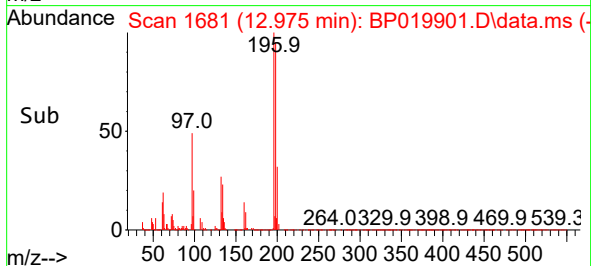
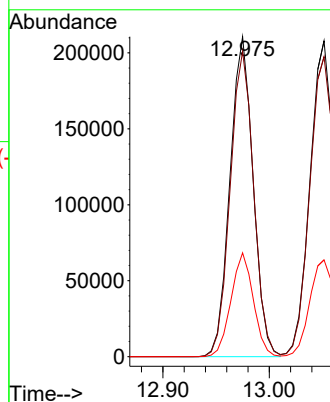
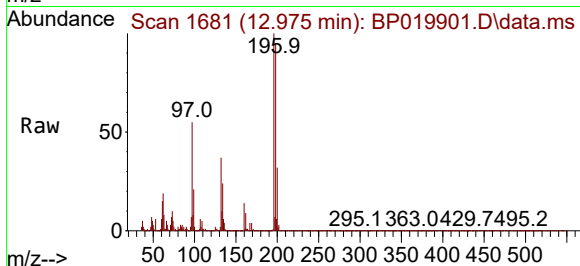
Tgt Ion:196 Resp: 318215

Ion Ratio Lower Upper

196 100

198 95.4 76.5 114.7

200 32.5 26.2 39.4



#44

2,4,5-Trichlorophenol

Concen: 42.723 ng

RT: 13.051 min Scan# 1694

Delta R.T. -0.000 min

Lab File: BP019901.D

Acq: 27 Feb 2024 17:42

Tgt Ion:196 Resp: 346374

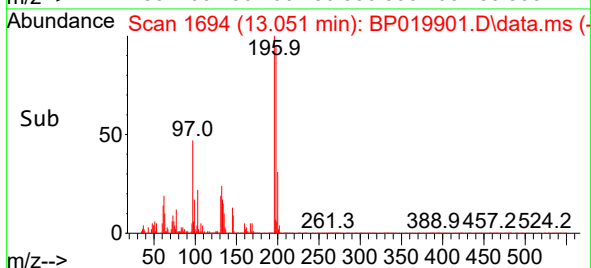
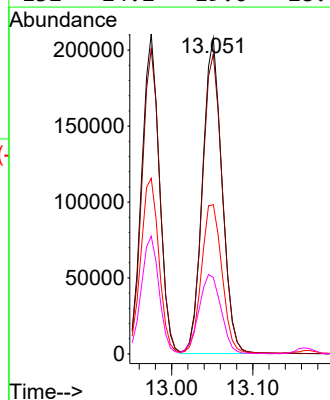
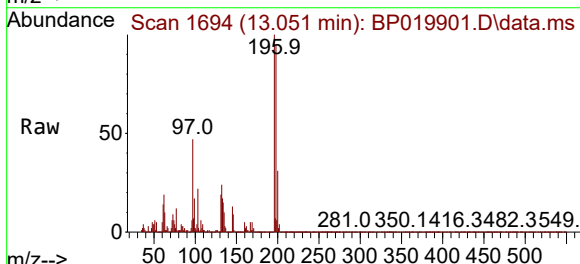
Ion Ratio Lower Upper

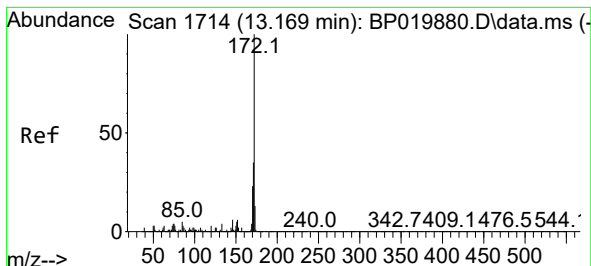
196 100

198 95.0 78.2 117.4

97 47.3 39.4 59.2

132 24.2 19.0 28.6





#45

2-Fluorobiphenyl

Concen: 59.083 ng

RT: 13.163 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019901.D

Acq: 27 Feb 2024 17:42

Instrument :

BNA_P

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MSD

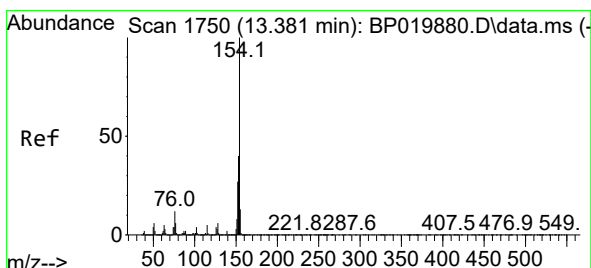
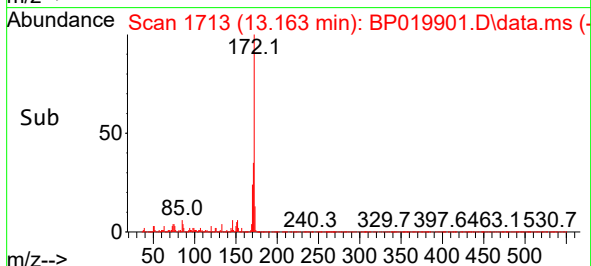
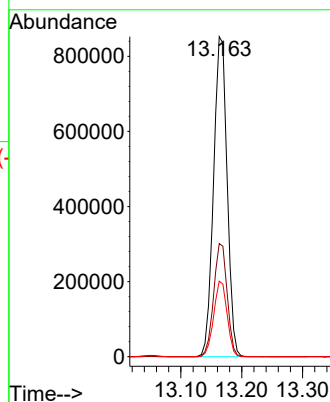
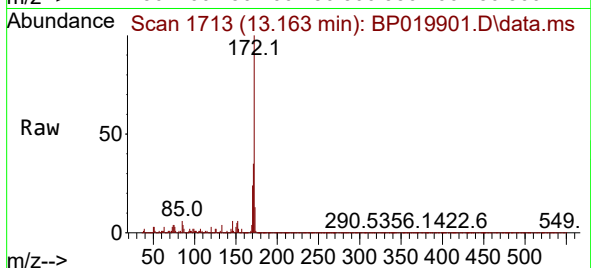
Tgt Ion:172 Resp: 1319608

Ion Ratio Lower Upper

172 100

171 35.4 27.8 41.6

170 23.6 18.4 27.6



#46

1,1'-Biphenyl

Concen: 45.678 ng

RT: 13.375 min Scan# 1749

Delta R.T. -0.006 min

Lab File: BP019901.D

Acq: 27 Feb 2024 17:42

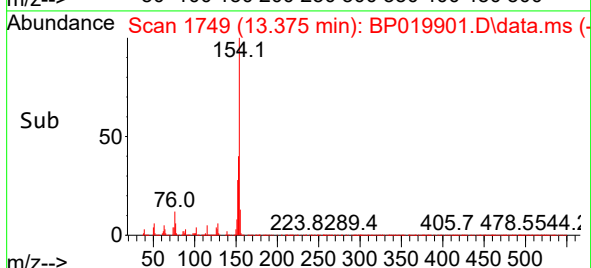
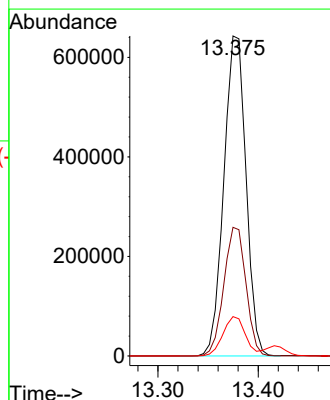
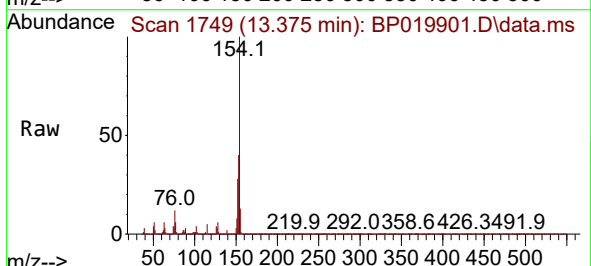
Tgt Ion:154 Resp: 986954

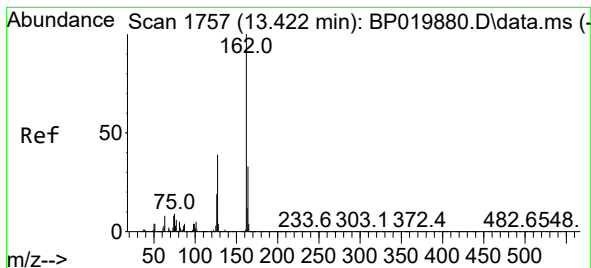
Ion Ratio Lower Upper

154 100

153 40.2 19.8 59.8

76 12.3 0.0 31.8

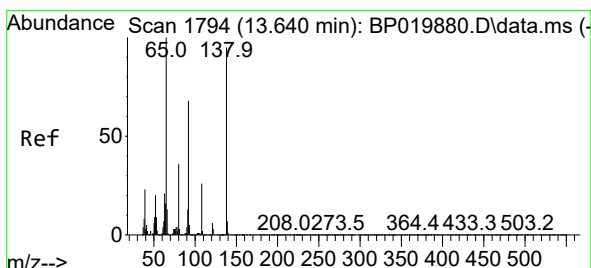
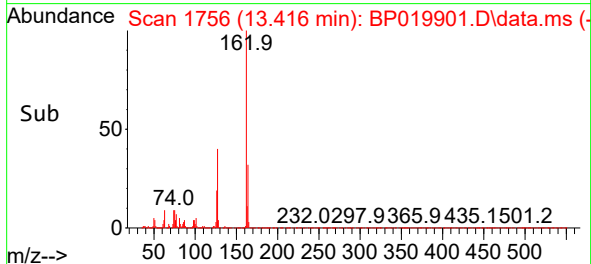
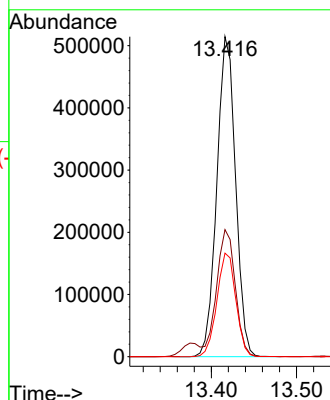
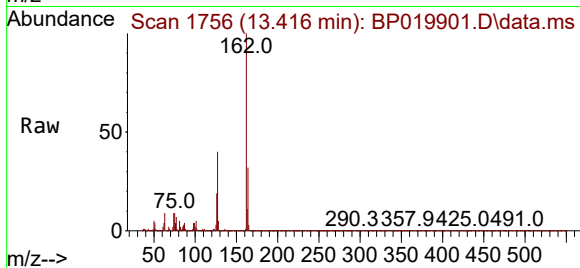




#47
2-Chloronaphthalene
Concen: 46.814 ng
RT: 13.416 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

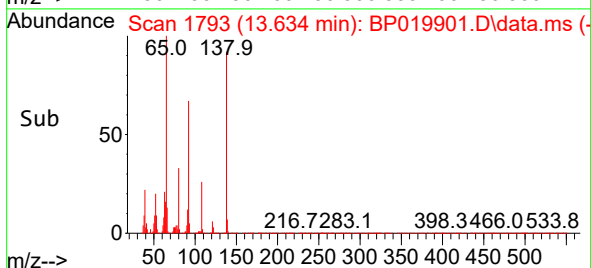
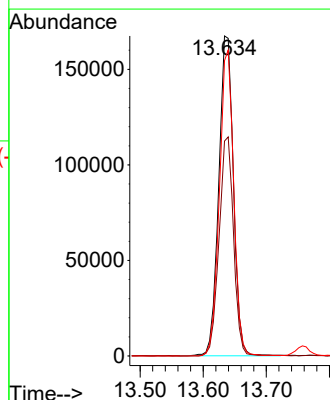
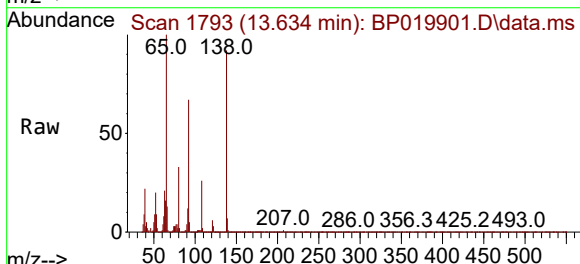
Instrument : BNA_P
ClientSampleId : 20240765-COMPOSITE-39N-N-3-03MSD

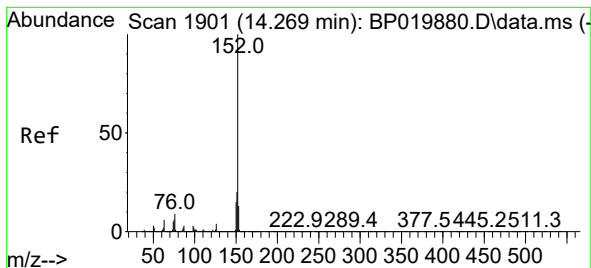
Tgt Ion:162 Resp: 785109
Ion Ratio Lower Upper
162 100
127 39.7 31.4 47.2
164 32.4 26.2 39.4



#48
2-Nitroaniline
Concen: 44.537 ng
RT: 13.634 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

Tgt Ion: 65 Resp: 269956
Ion Ratio Lower Upper
65 100
92 67.2 54.3 81.5
138 92.3 75.7 113.5





#49

Acenaphthylene

Concen: 46.211 ng

RT: 14.263 min Scan# 1901

Delta R.T. -0.006 min

Lab File: BP019901.D

Acq: 27 Feb 2024 17:42

Instrument :

BNA_P

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MSD

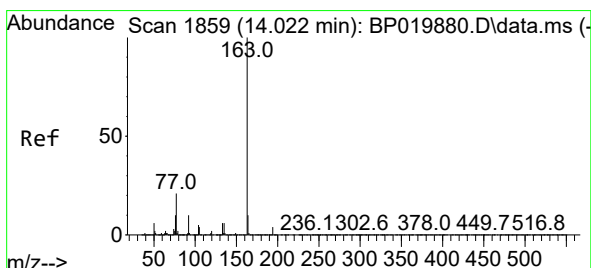
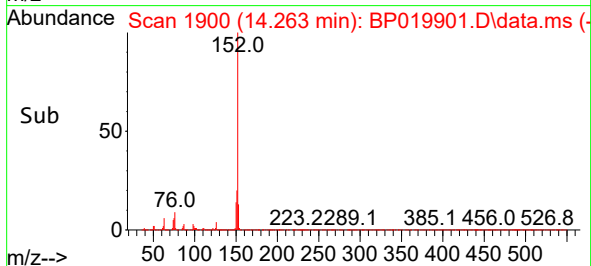
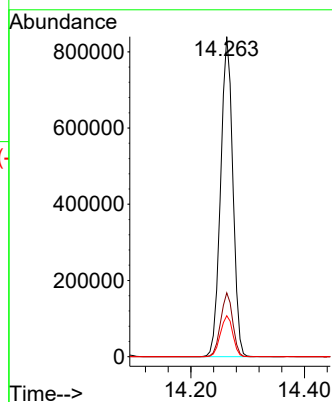
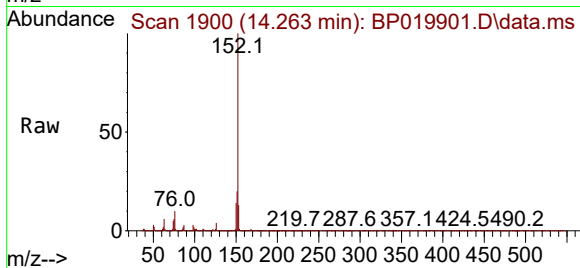
Tgt Ion:152 Resp: 1255585

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 12.8 10.4 15.6



#50

Dimethylphthalate

Concen: 41.172 ng

RT: 14.016 min Scan# 1858

Delta R.T. -0.006 min

Lab File: BP019901.D

Acq: 27 Feb 2024 17:42

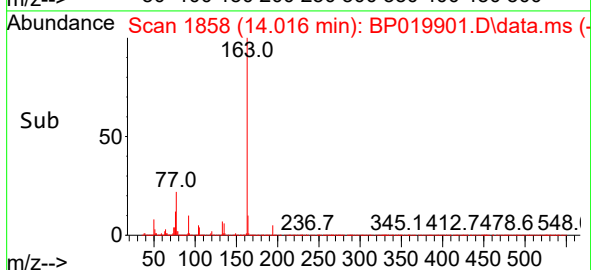
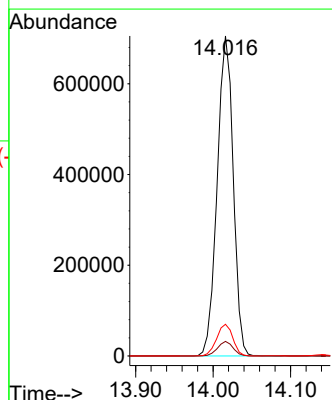
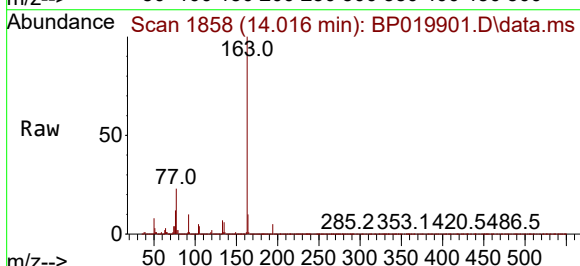
Tgt Ion:163 Resp: 1014249

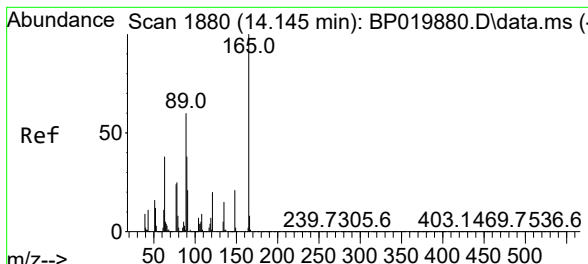
Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

164 9.9 8.0 12.0

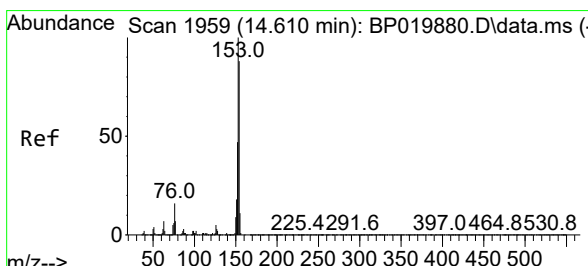
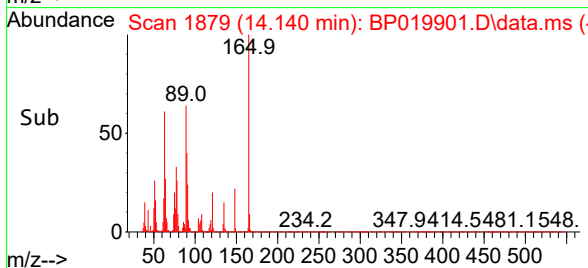
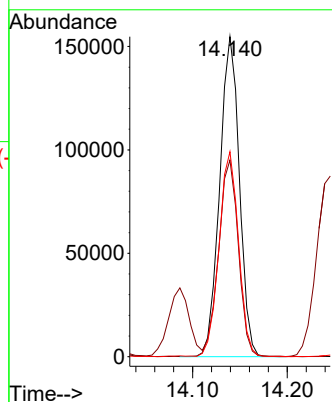
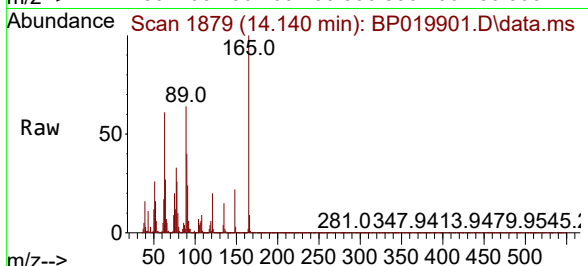




#51
2,6-Dinitrotoluene
Concen: 42.150 ng
RT: 14.140 min Scan# 1880
Delta R.T. -0.006 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

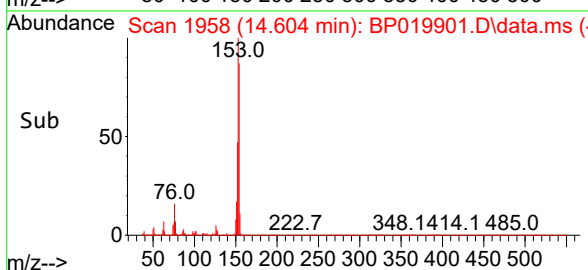
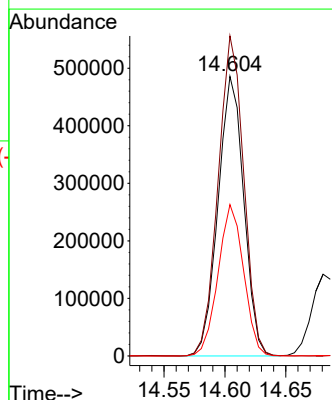
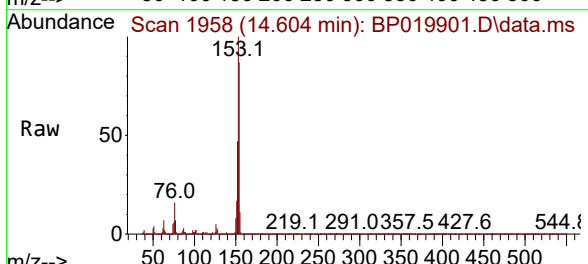
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MSD

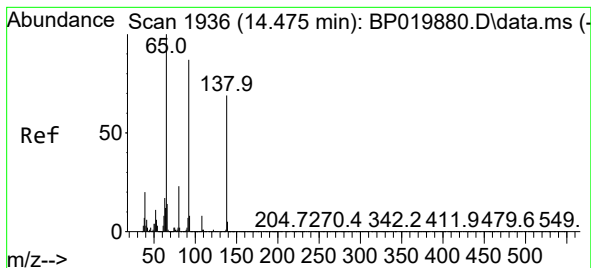
Tgt Ion:165 Resp: 223471
Ion Ratio Lower Upper
165 100
63 61.4 46.9 70.3
89 64.0 48.3 72.5



#52
Acenaphthene
Concen: 43.773 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

Tgt Ion:154 Resp: 714138
Ion Ratio Lower Upper
154 100
153 114.5 90.9 136.3
152 54.1 42.3 63.5

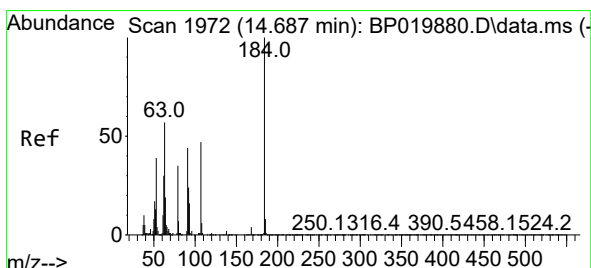
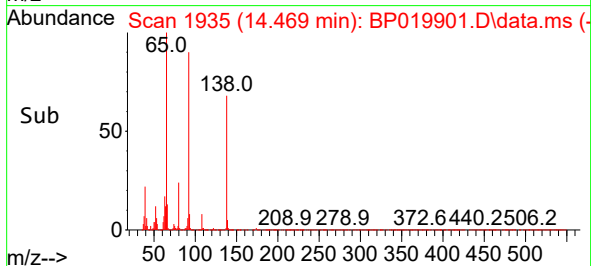
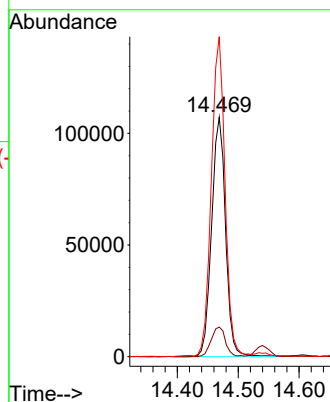
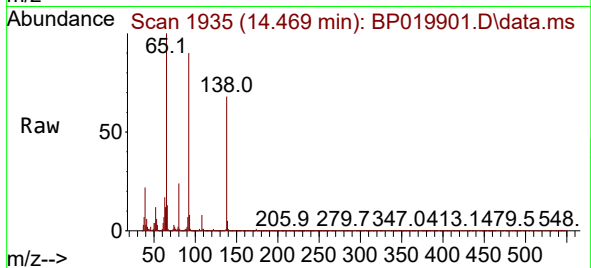




#53
3-Nitroaniline
Concen: 32.446 ng
RT: 14.469 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

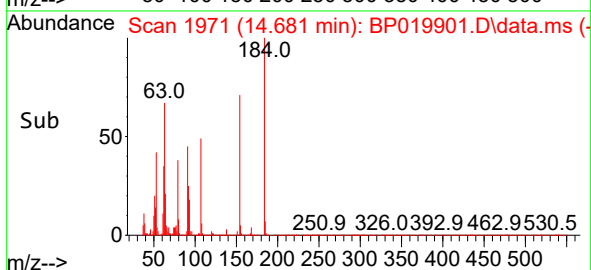
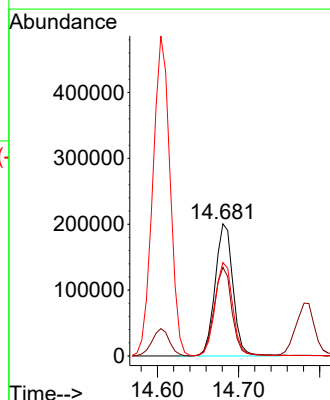
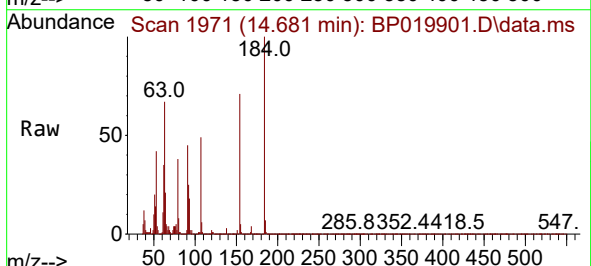
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MSD

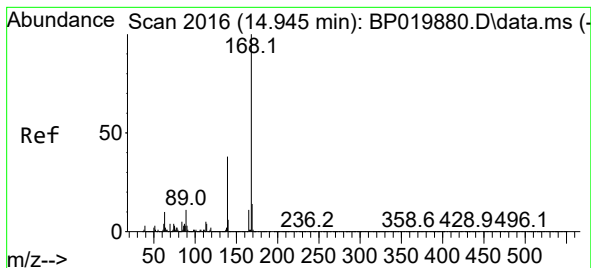
Tgt Ion:138 Resp: 170281
Ion Ratio Lower Upper
138 100
108 12.4 9.2 13.8
92 133.6 100.3 150.5



#54
2,4-Dinitrophenol
Concen: 88.766 ng
RT: 14.681 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

Tgt Ion:184 Resp: 306780
Ion Ratio Lower Upper
184 100
63 67.1 49.6 74.4
154 70.8 54.6 82.0





#55

Dibenzenofuran

Concen: 43.913 ng

RT: 14.945 min Scan# 2016

Delta R.T. -0.000 min

Lab File: BP019901.D

Acq: 27 Feb 2024 17:42

Instrument :

BNA_P

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MSD

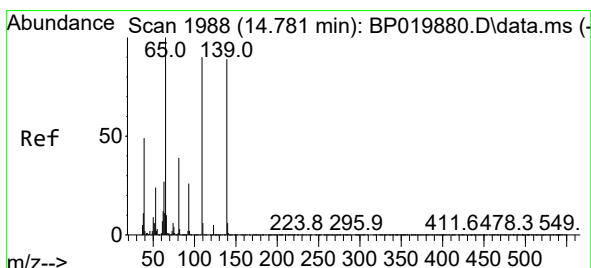
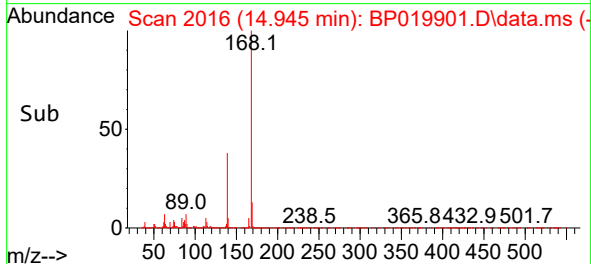
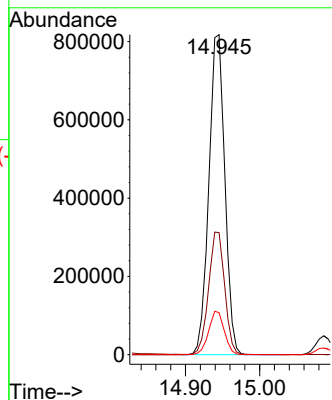
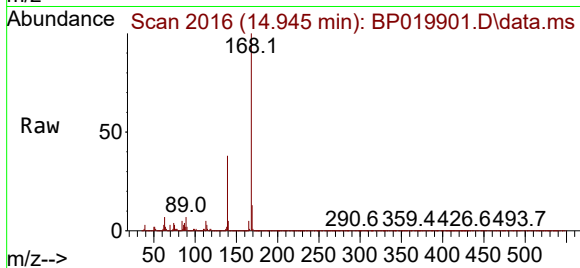
Tgt Ion:168 Resp: 1222665

Ion Ratio Lower Upper

168 100

139 38.2 30.6 45.8

169 13.2 10.9 16.3



#56

4-Nitrophenol

Concen: 90.021 ng

RT: 14.787 min Scan# 1989

Delta R.T. 0.006 min

Lab File: BP019901.D

Acq: 27 Feb 2024 17:42

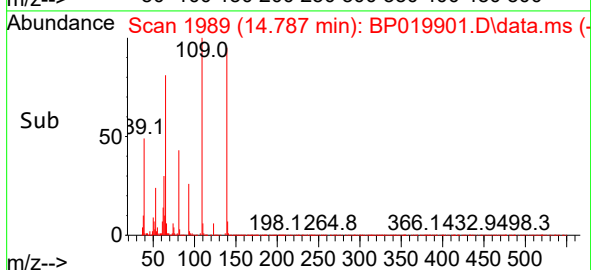
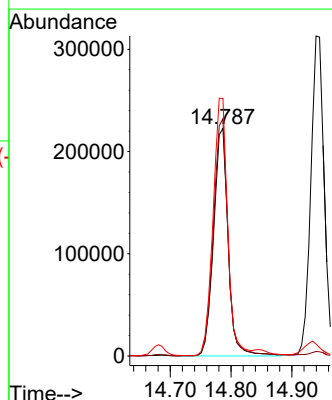
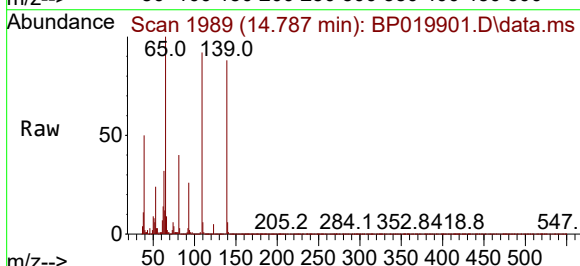
Tgt Ion:139 Resp: 369576

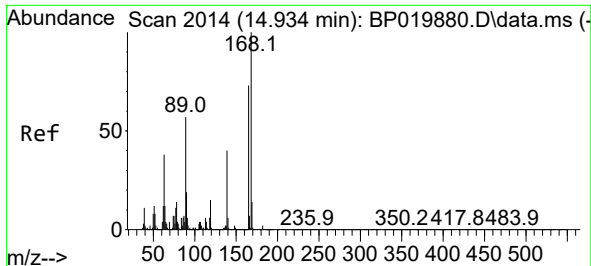
Ion Ratio Lower Upper

139 100

109 104.3 81.3 121.3

65 113.2 93.5 133.5

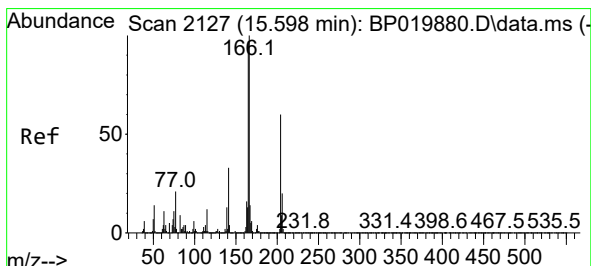
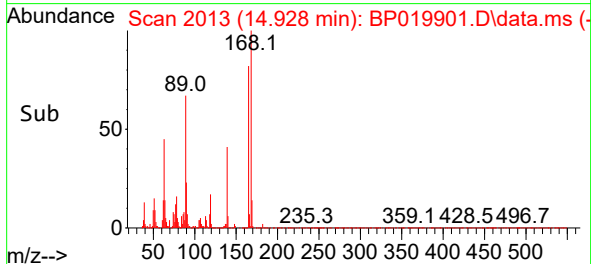
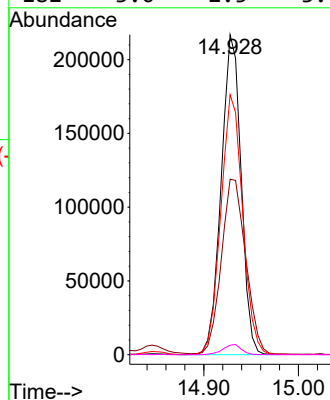
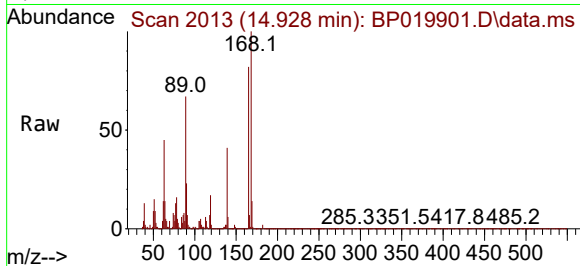




#57
2,4-Dinitrotoluene
Concen: 41.927 ng
RT: 14.928 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

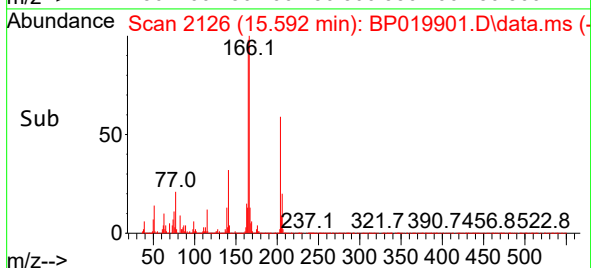
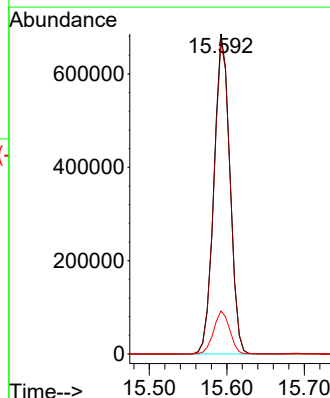
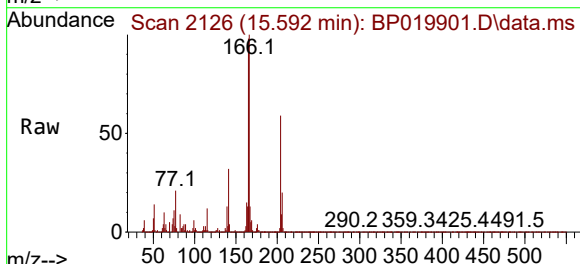
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MSD

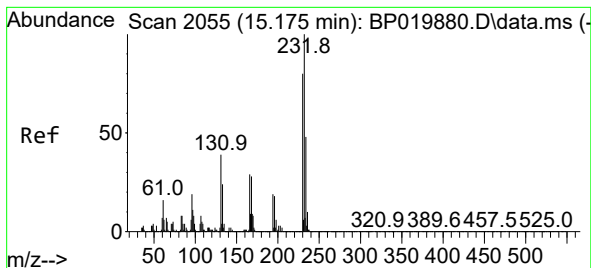
Tgt Ion:165 Resp: 316365
Ion Ratio Lower Upper
165 100
63 54.9 41.4 62.0
89 81.2 62.1 93.1
182 3.0 2.5 3.7



#58
Fluorene
Concen: 43.280 ng
RT: 15.592 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

Tgt Ion:166 Resp: 977327
Ion Ratio Lower Upper
166 100
165 97.6 77.8 116.6
167 13.5 10.8 16.2

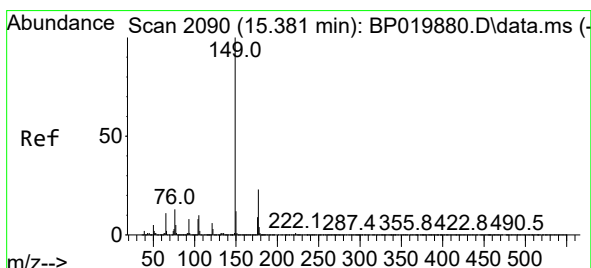
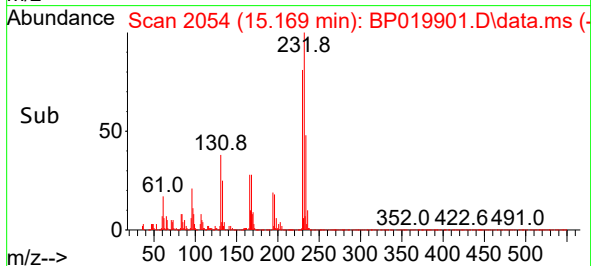
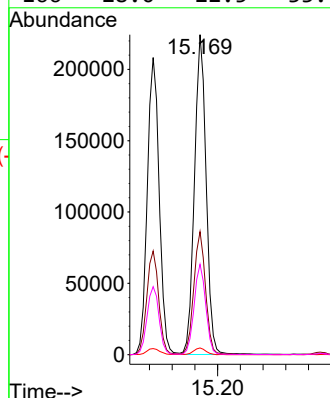
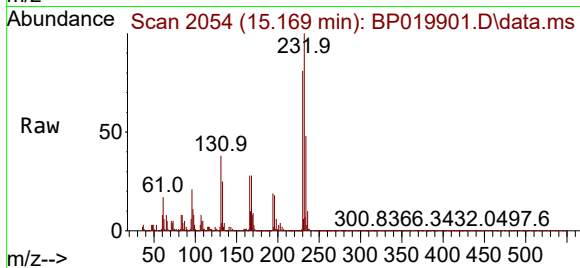




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.267 ng
RT: 15.169 min Scan# 2054
Delta R.T. -0.006 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

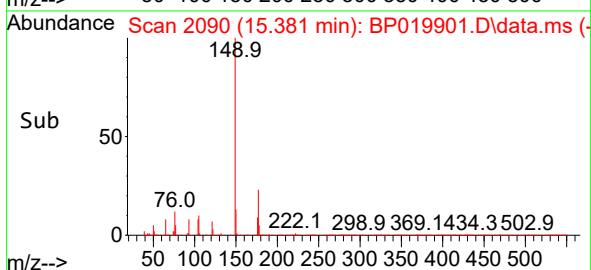
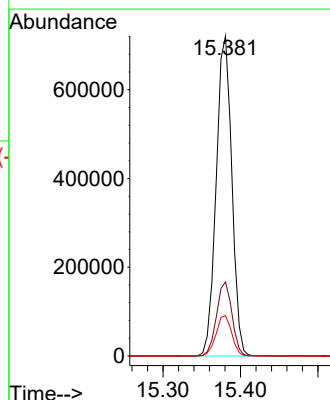
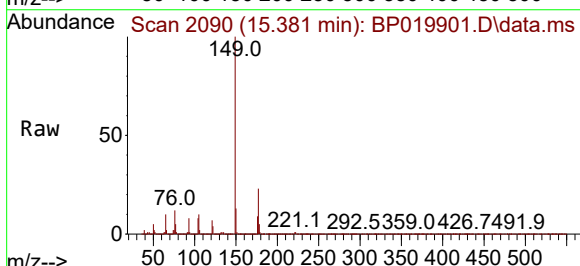
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MSD

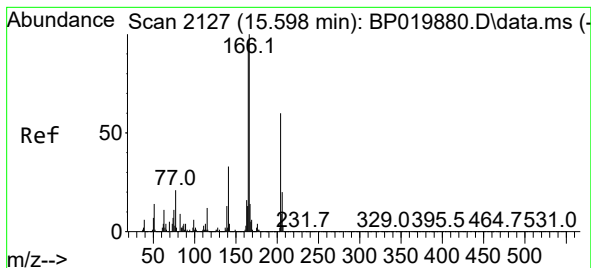
Tgt Ion:	232	Resp:	321837
Ion	Ratio	Lower	Upper
232	100		
131	38.4	30.7	46.1
130	2.2	1.8	2.6
166	28.0	22.5	33.7



#60
Diethylphthalate
Concen: 41.401 ng
RT: 15.381 min Scan# 2090
Delta R.T. -0.000 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

Tgt Ion:	149	Resp:	1007584
Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.4	27.6
150	12.6	9.9	14.9

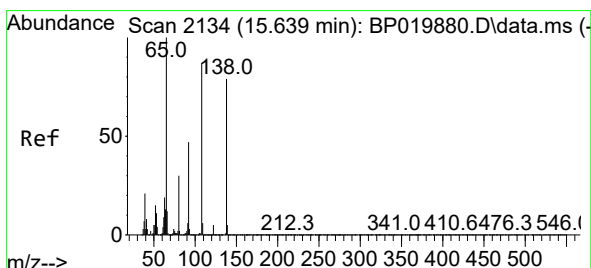
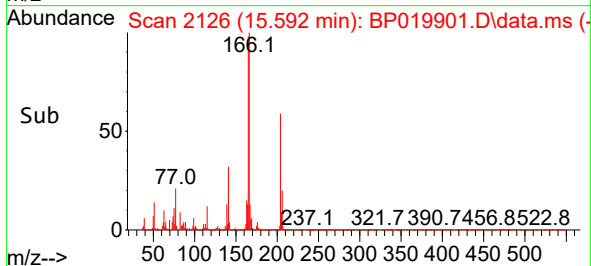
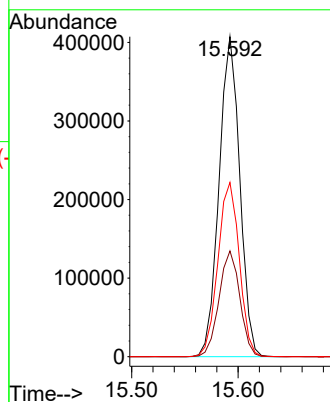
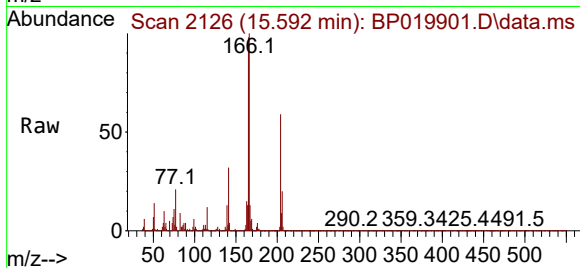




#61
4-Chlorophenyl-phenylether
Concen: 42.531 ng
RT: 15.592 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

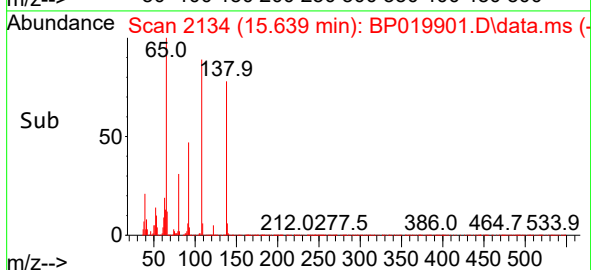
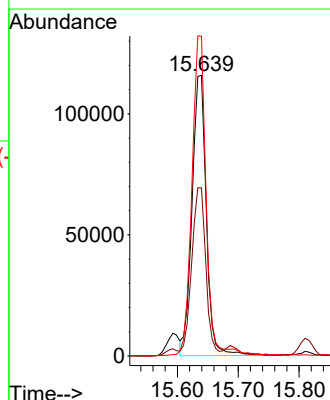
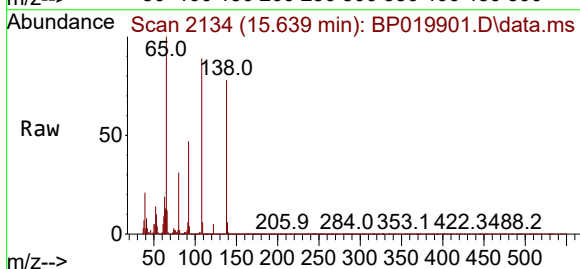
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MSD

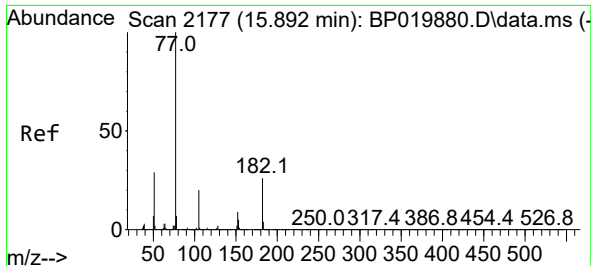
Tgt Ion:204 Resp: 549260
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 54.4 44.2 66.4



#62
4-Nitroaniline
Concen: 34.437 ng
RT: 15.639 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

Tgt Ion:138 Resp: 188244
Ion Ratio Lower Upper
138 100
92 60.0 39.5 79.5
108 113.9 90.7 130.7



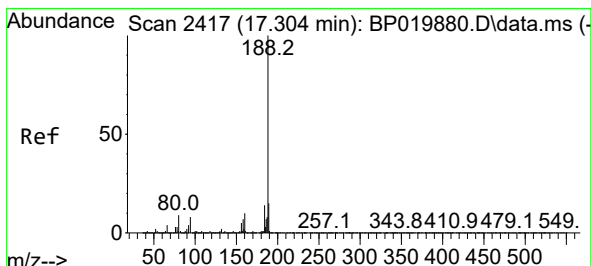
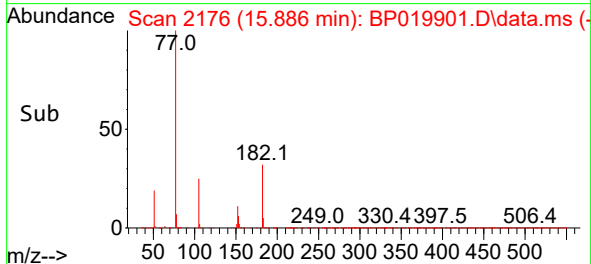
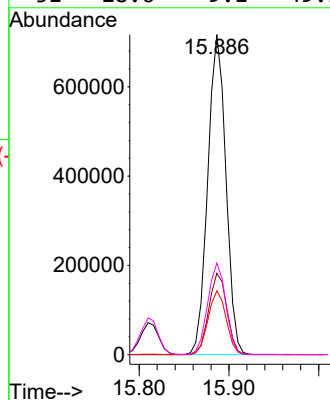
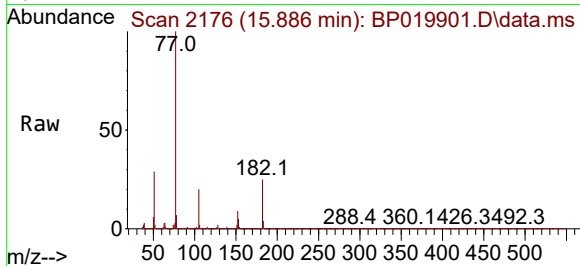


#63
Azobenzene
Concen: 44.295 ng
RT: 15.886 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MSD

Tgt Ion: 77 Resp: 1003565

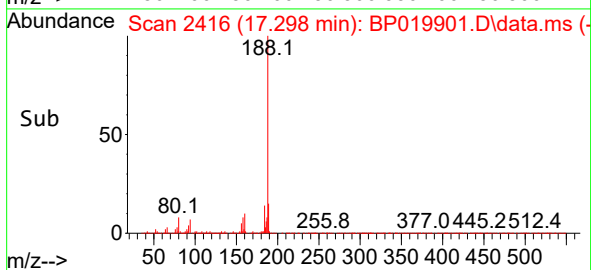
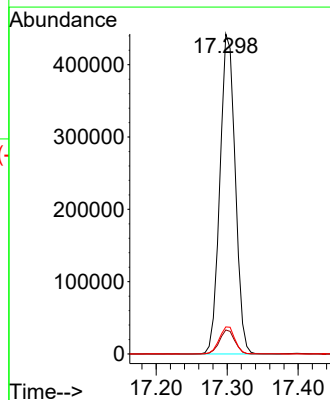
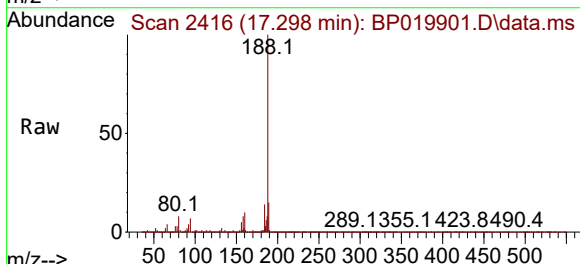
Ion	Ratio	Lower	Upper
77	100		
182	25.4	6.3	46.3
105	19.9	0.0	40.0
51	28.6	9.1	49.1

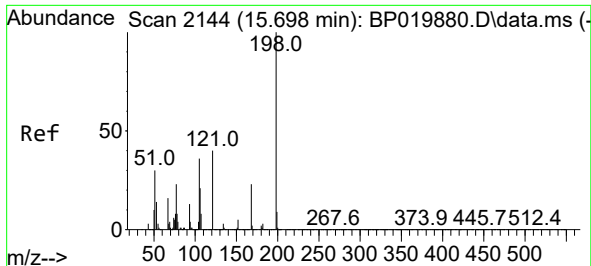


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

Tgt Ion: 188 Resp: 660003

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.2	9.4
80	8.5	7.0	10.4

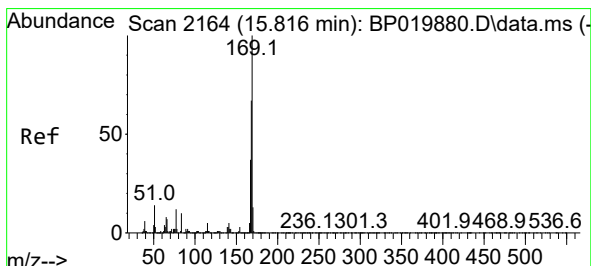
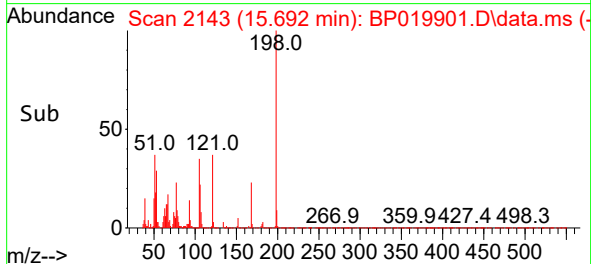
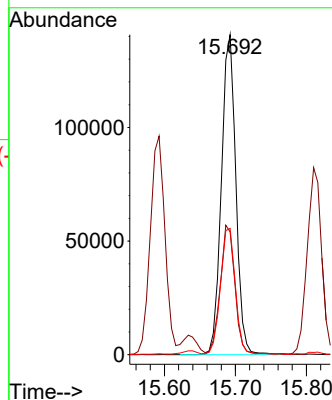
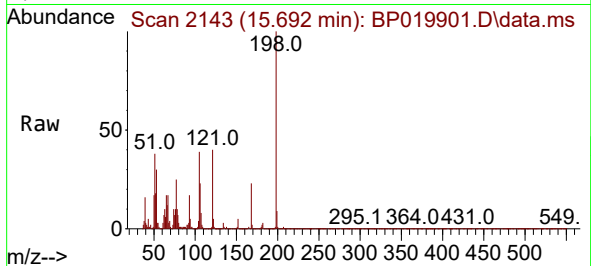




#65
4,6-Dinitro-2-methylphenol
Concen: 44.148 ng
RT: 15.692 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

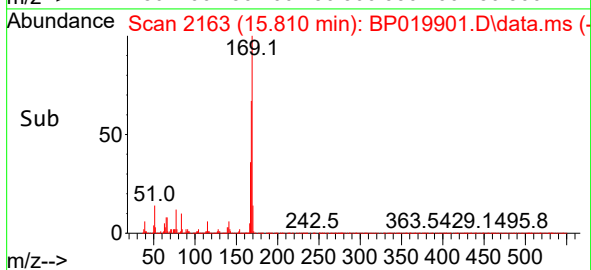
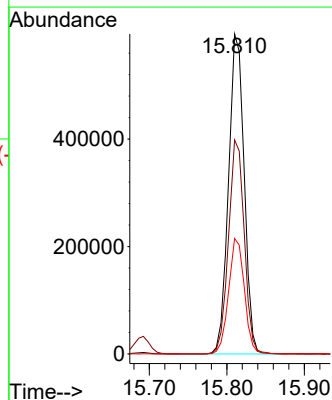
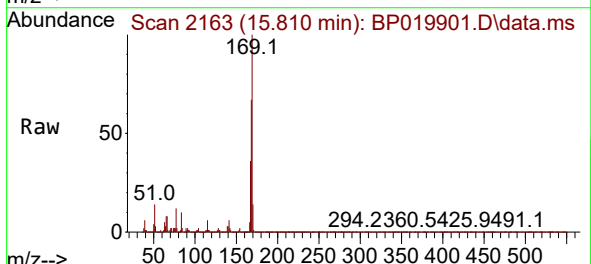
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MSD

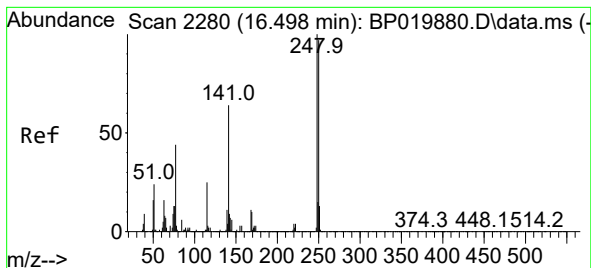
Tgt Ion:198 Resp: 197770
Ion Ratio Lower Upper
198 100
51 38.4 16.3 56.3
105 39.5 17.8 57.8



#66
n-Nitrosodiphenylamine
Concen: 44.188 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

Tgt Ion:169 Resp: 836849
Ion Ratio Lower Upper
169 100
168 66.9 53.6 80.4
167 36.1 29.4 44.0

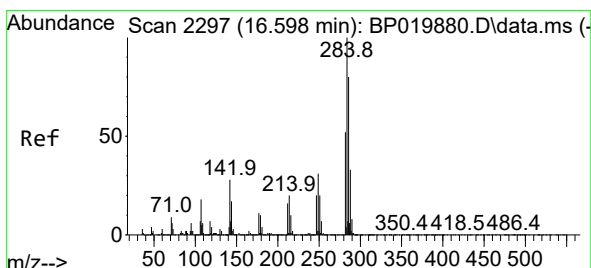
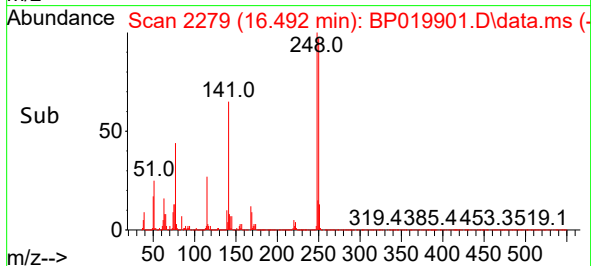
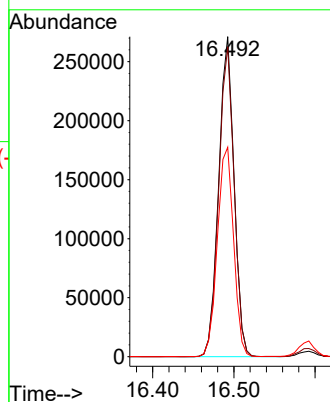
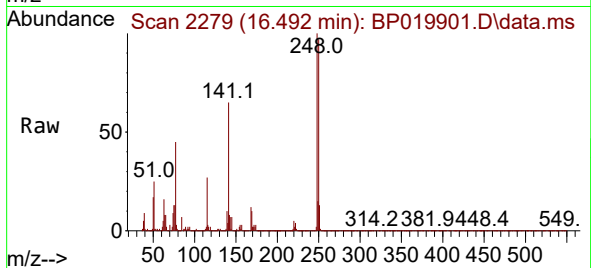




#67
4-Bromophenyl-phenylether
Concen: 43.944 ng
RT: 16.492 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

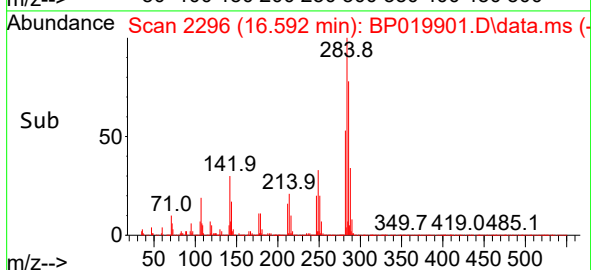
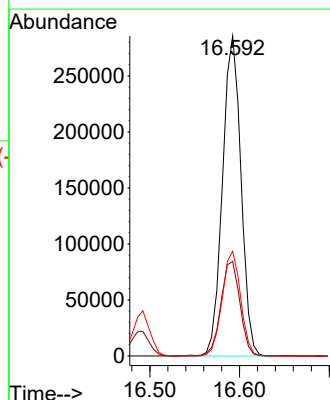
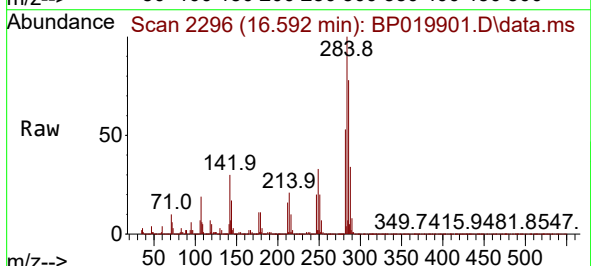
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MSD

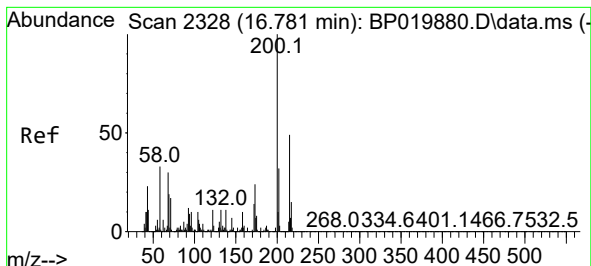
Tgt Ion:248 Resp: 358620
Ion Ratio Lower Upper
248 100
250 96.9 78.0 117.0
141 65.4 51.6 77.4



#68
Hexachlorobenzene
Concen: 46.309 ng
RT: 16.592 min Scan# 2296
Delta R.T. -0.006 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

Tgt Ion:284 Resp: 407567
Ion Ratio Lower Upper
284 100
142 29.5 22.6 33.8
249 32.7 25.2 37.8





#69

Atrazine

Concen: 42.173 ng

RT: 16.781 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP019901.D

Acq: 27 Feb 2024 17:42

Instrument :

BNA_P

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MSD

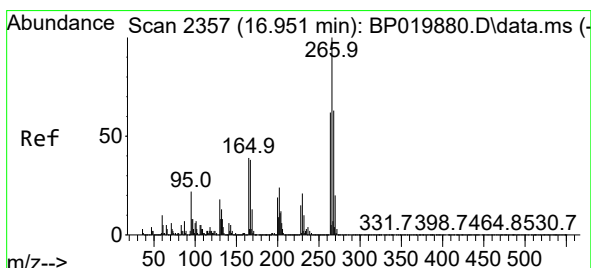
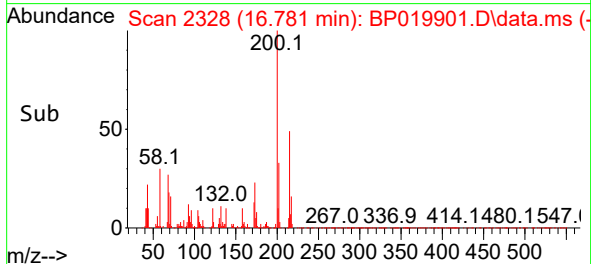
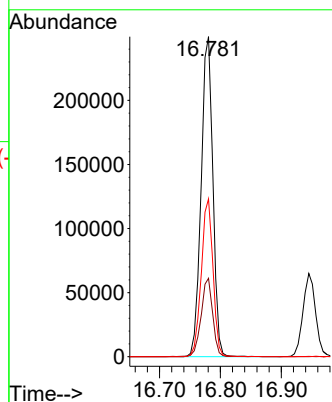
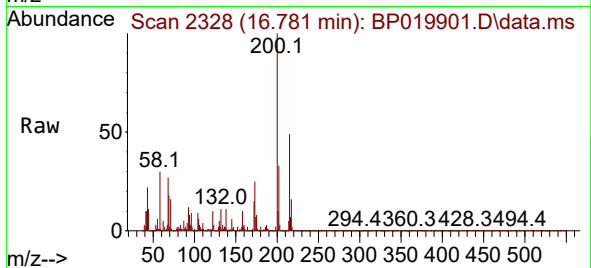
Tgt Ion:200 Resp: 334180

Ion Ratio Lower Upper

200 100

173 24.5 4.1 44.1

215 49.3 29.1 69.1



#70

Pentachlorophenol

Concen: 75.709 ng

RT: 16.945 min Scan# 2356

Delta R.T. -0.006 min

Lab File: BP019901.D

Acq: 27 Feb 2024 17:42

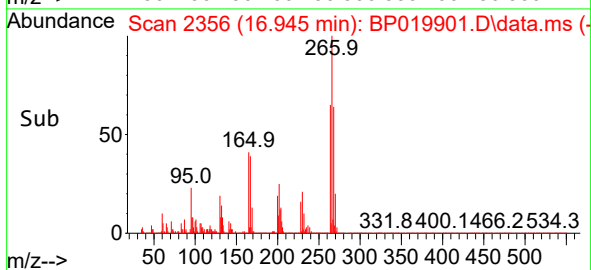
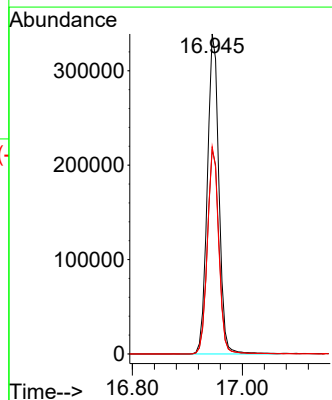
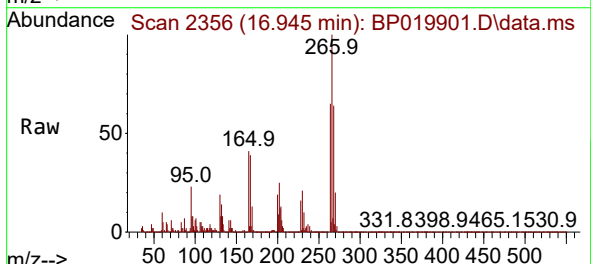
Tgt Ion:266 Resp: 492508

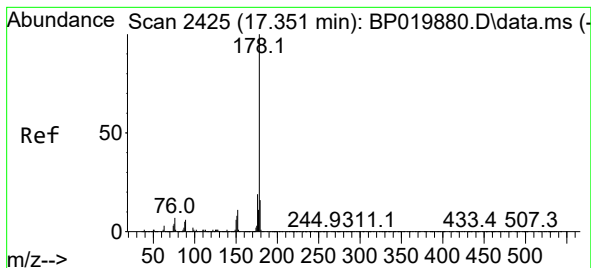
Ion Ratio Lower Upper

266 100

268 63.9 50.6 76.0

264 64.8 49.7 74.5





#71

Phenanthrene

Concen: 43.823 ng

RT: 17.345 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BP019901.D

Acq: 27 Feb 2024 17:42

Instrument :

BNA_P

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MSD

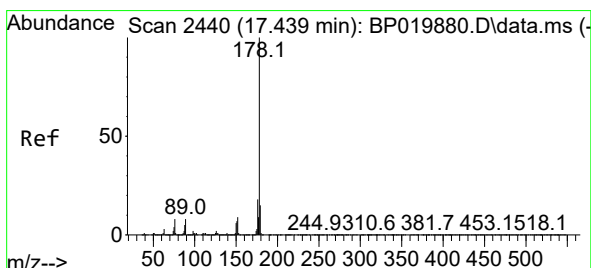
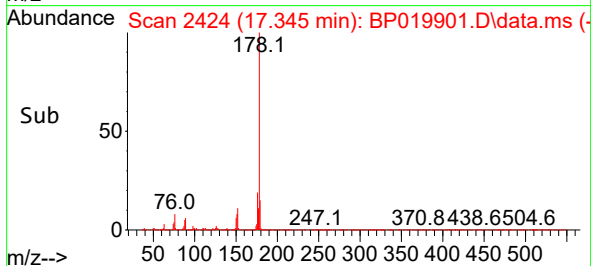
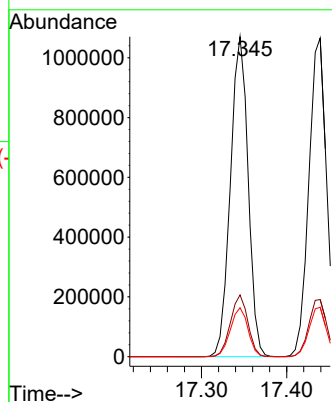
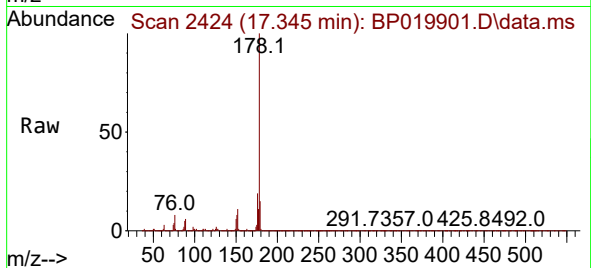
Tgt Ion:178 Resp: 1543840

Ion Ratio Lower Upper

178 100

176 19.3 15.2 22.8

179 15.3 12.5 18.7



#72

Anthracene

Concen: 42.709 ng

RT: 17.439 min Scan# 2440

Delta R.T. -0.000 min

Lab File: BP019901.D

Acq: 27 Feb 2024 17:42

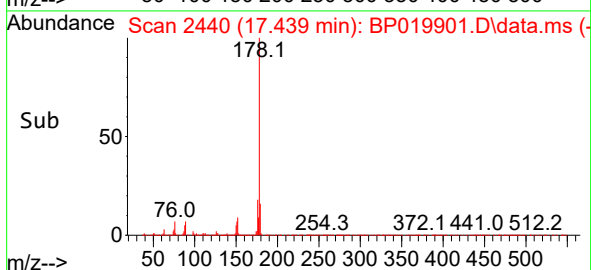
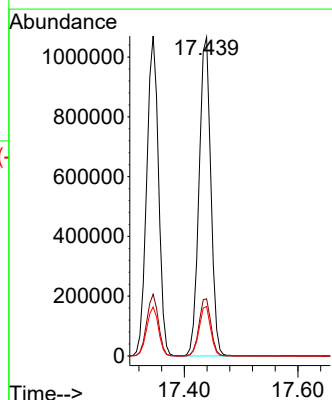
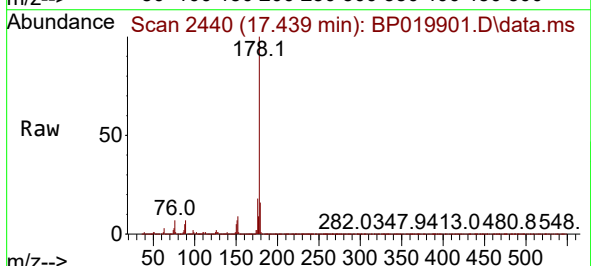
Tgt Ion:178 Resp: 1535929

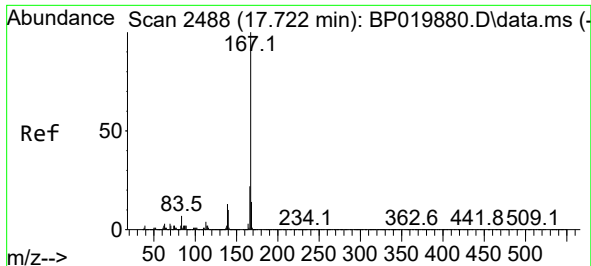
Ion Ratio Lower Upper

178 100

176 17.9 14.7 22.1

179 15.5 12.2 18.4

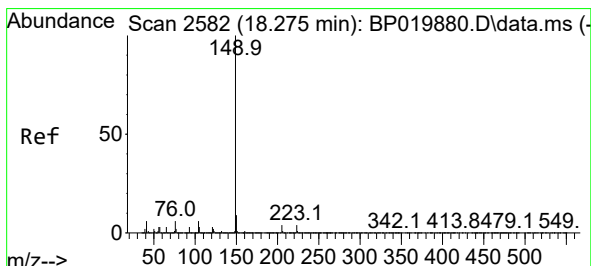
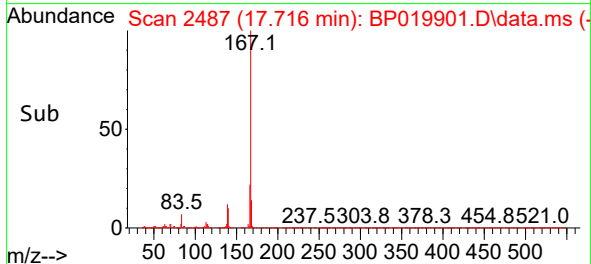
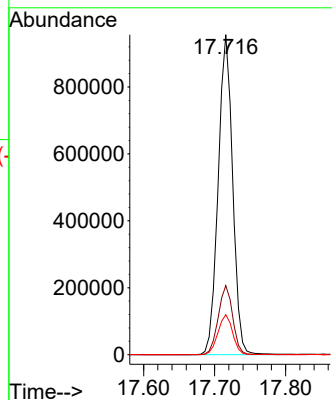
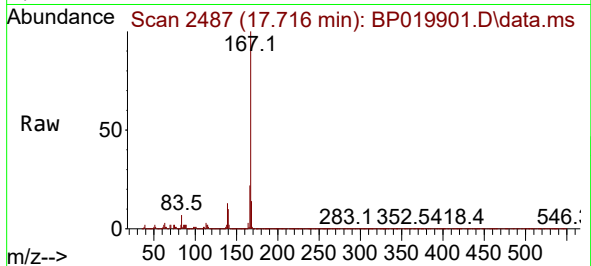




#73
 Carbazole
 Concen: 42.266 ng
 RT: 17.716 min Scan# 2488
 Delta R.T. -0.006 min
 Lab File: BP019901.D
 Acq: 27 Feb 2024 17:42

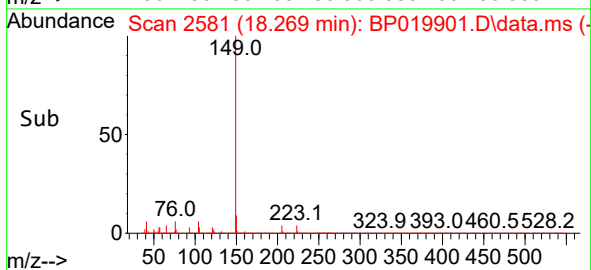
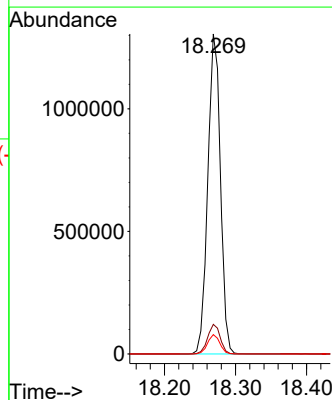
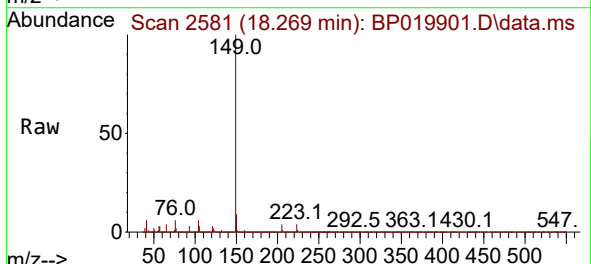
Instrument : BNA_P
 ClientSampleId : 20240765-COMPOSITE-39N-N-3-03MSD

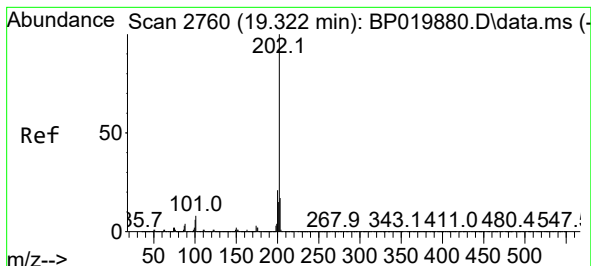
Tgt Ion:167 Resp: 1346221
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.3 25.9
 139 12.5 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 40.433 ng
 RT: 18.269 min Scan# 2581
 Delta R.T. -0.006 min
 Lab File: BP019901.D
 Acq: 27 Feb 2024 17:42

Tgt Ion:149 Resp: 1610654
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 6.0 4.6 7.0





#75

Fluoranthene

Concen: 38.518 ng

RT: 19.316 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019901.D

Acq: 27 Feb 2024 17:42

Instrument :

BNA_P

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MSD

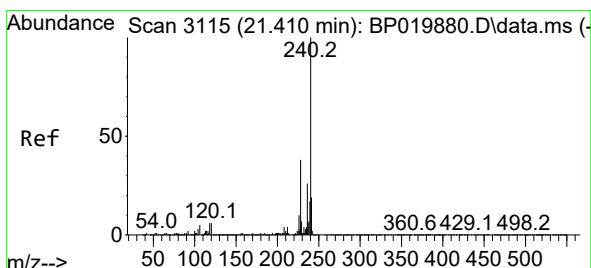
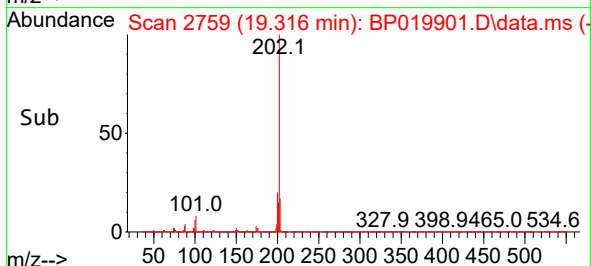
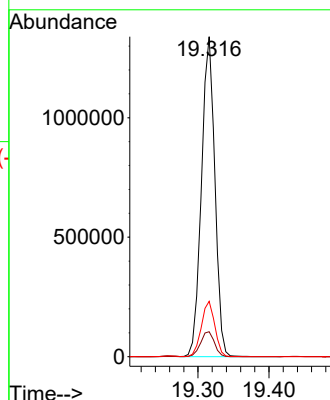
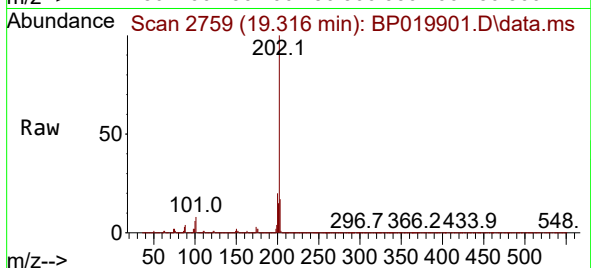
Tgt Ion:202 Resp: 1761023

Ion Ratio Lower Upper

202 100

101 7.8 0.0 27.7

203 17.3 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.398 min Scan# 3113

Delta R.T. -0.012 min

Lab File: BP019901.D

Acq: 27 Feb 2024 17:42

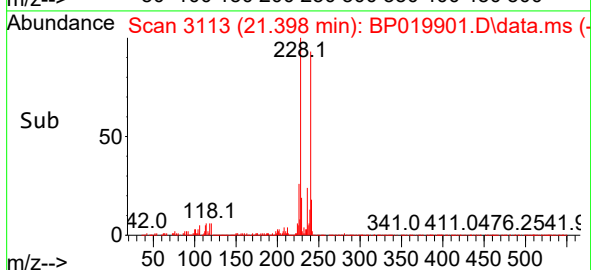
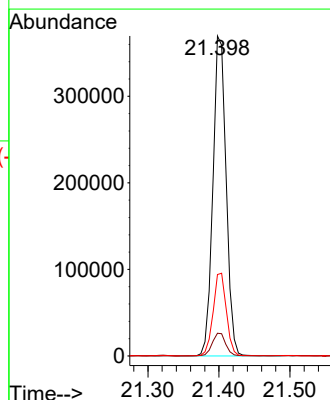
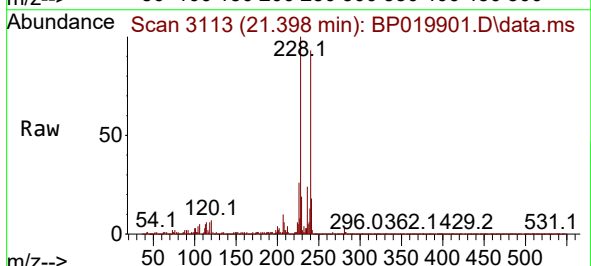
Tgt Ion:240 Resp: 479518

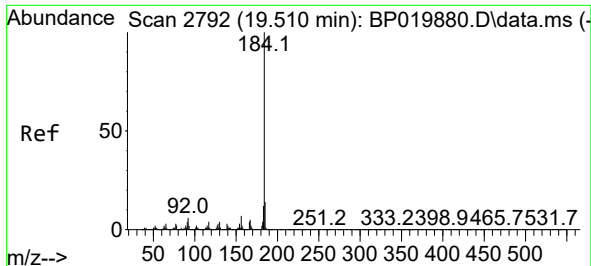
Ion Ratio Lower Upper

240 100

120 7.1 5.1 7.7

236 25.5 20.5 30.7

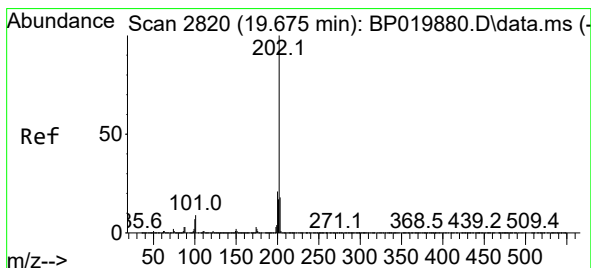
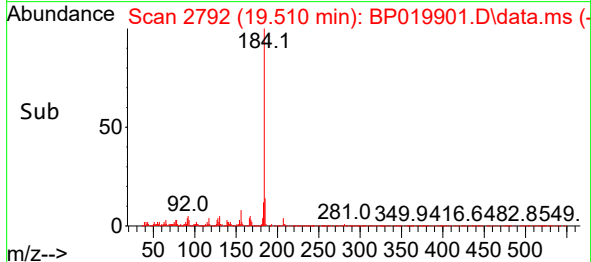
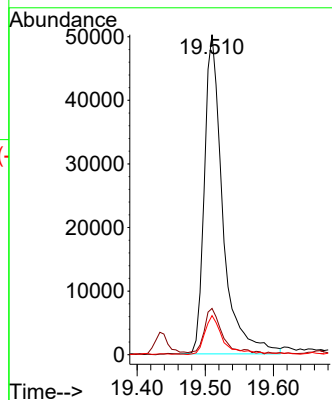
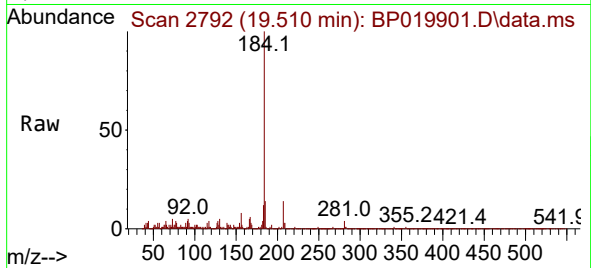




#77
Benzidine
Concen: 6.837 ng
RT: 19.510 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

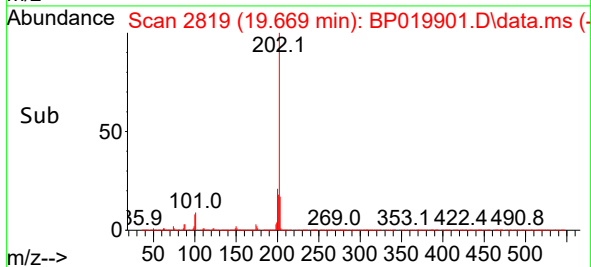
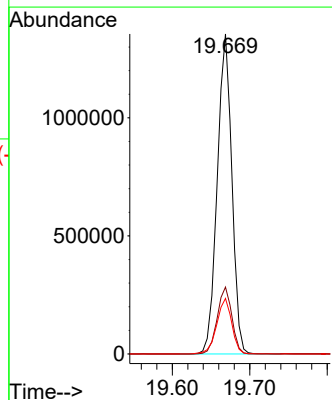
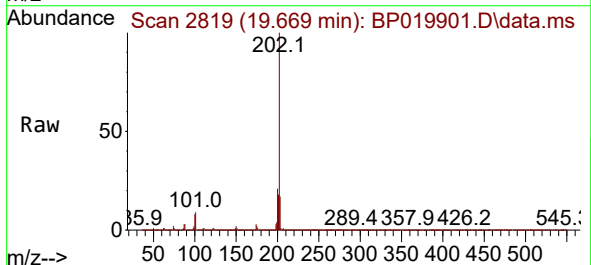
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MSD

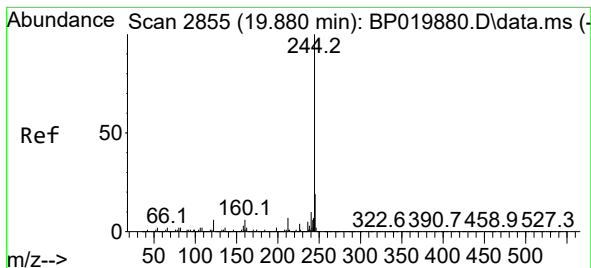
Tgt Ion:184 Resp: 94173
Ion Ratio Lower Upper
184 100
185 14.5 11.2 16.8
183 12.2 9.3 13.9



#78
Pyrene
Concen: 54.007 ng
RT: 19.669 min Scan# 2819
Delta R.T. -0.006 min
Lab File: BP019901.D
Acq: 27 Feb 2024 17:42

Tgt Ion:202 Resp: 1779318
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.3 14.2 21.2





#79

Terphenyl-d14

Concen: 58.900 ng

RT: 19.869 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP019901.D

Acq: 27 Feb 2024 17:42

Instrument :

BNA_P

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MSD

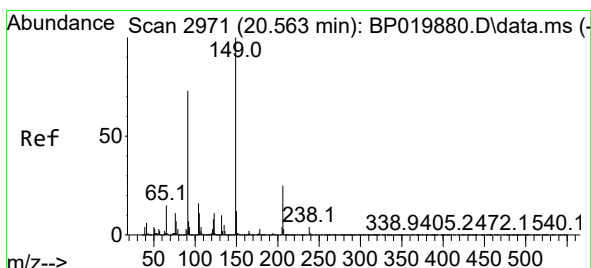
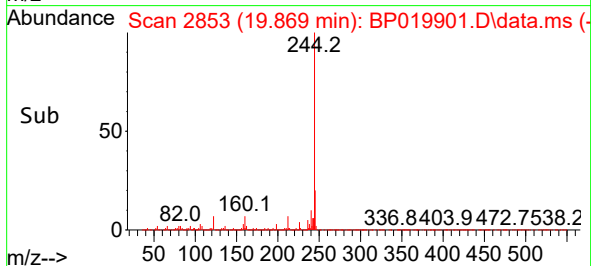
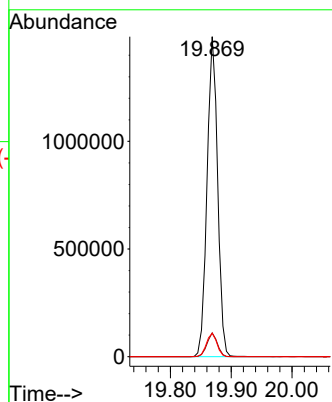
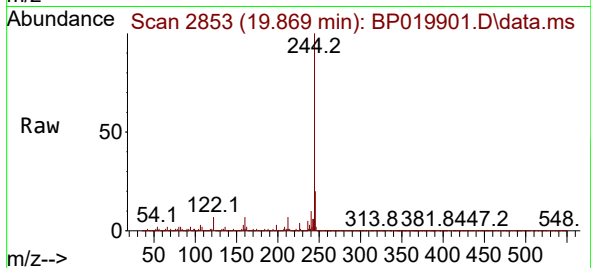
Tgt Ion:244 Resp: 1791938

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

122 7.3 5.0 7.6



#80

Butylbenzylphthalate

Concen: 47.479 ng

RT: 20.557 min Scan# 2970

Delta R.T. -0.006 min

Lab File: BP019901.D

Acq: 27 Feb 2024 17:42

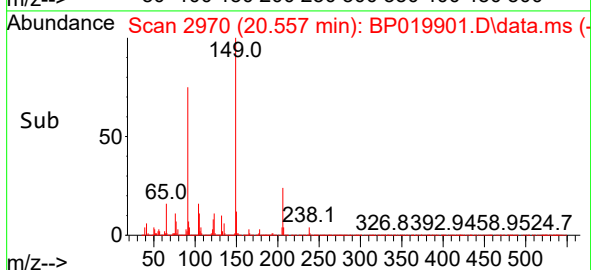
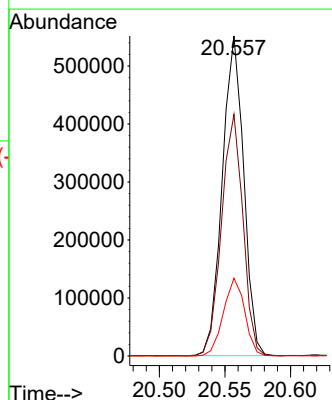
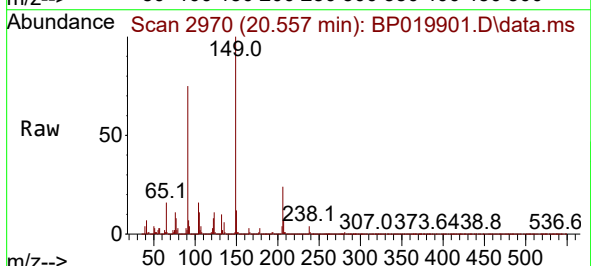
Tgt Ion:149 Resp: 625520

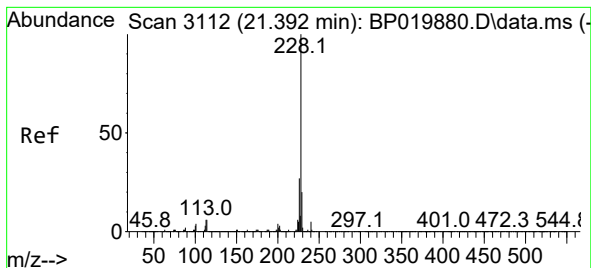
Ion Ratio Lower Upper

149 100

91 75.5 58.3 87.5

206 24.3 19.8 29.8





#81

Benzo(a)anthracene

Concen: 44.178 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP019901.D

Acq: 27 Feb 2024 17:42

Instrument :

BNA_P

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MSD

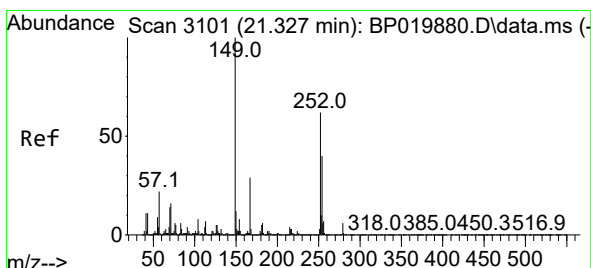
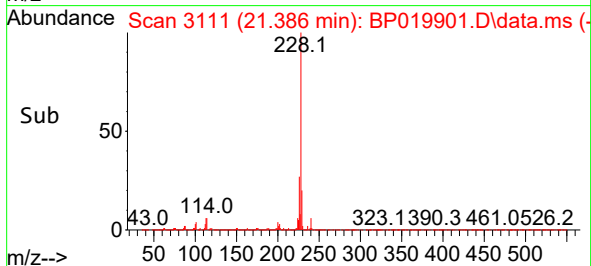
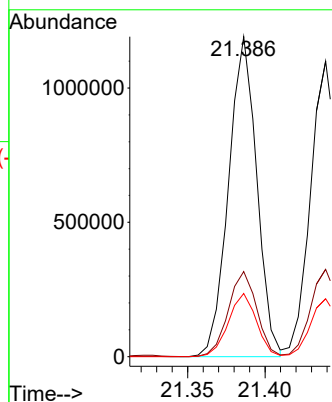
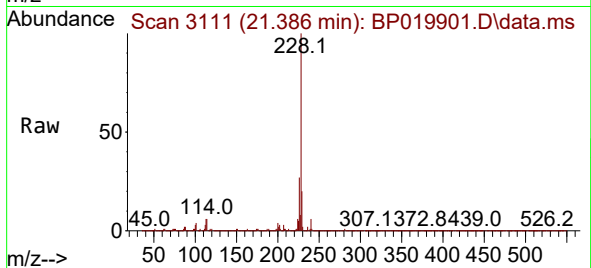
Tgt Ion:228 Resp: 1503720

Ion Ratio Lower Upper

228 100

226 26.6 21.5 32.3

229 19.7 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 30.288 ng

RT: 21.321 min Scan# 3100

Delta R.T. -0.006 min

Lab File: BP019901.D

Acq: 27 Feb 2024 17:42

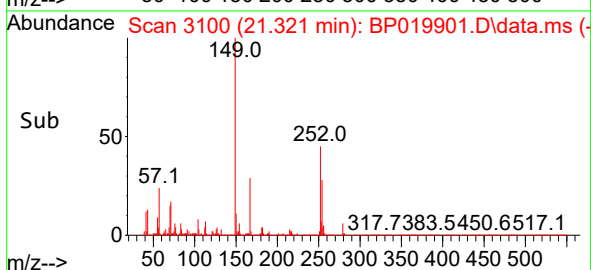
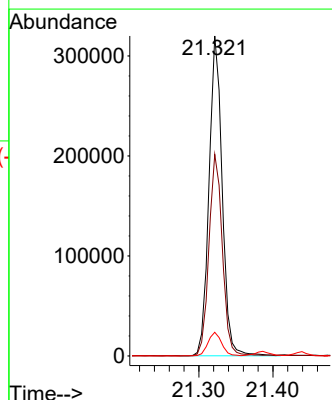
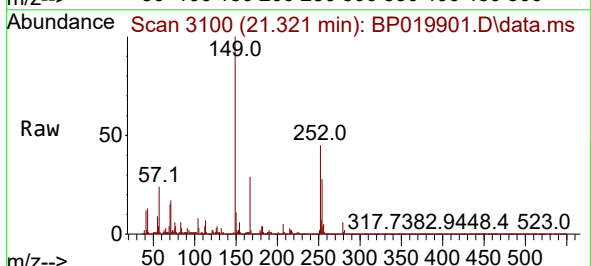
Tgt Ion:252 Resp: 395403

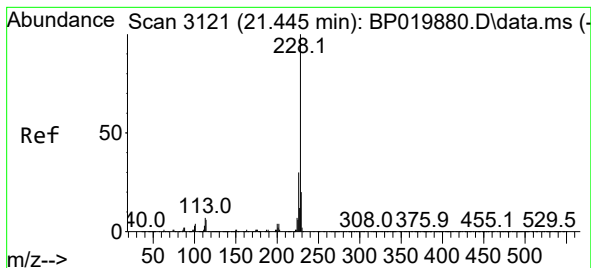
Ion Ratio Lower Upper

252 100

254 63.0 52.0 78.0

126 7.4 6.1 9.1





#83

Chrysene

Concen: 43.970 ng

RT: 21.439 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP019901.D

Acq: 27 Feb 2024 17:42

Instrument :

BNA_P

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MSD

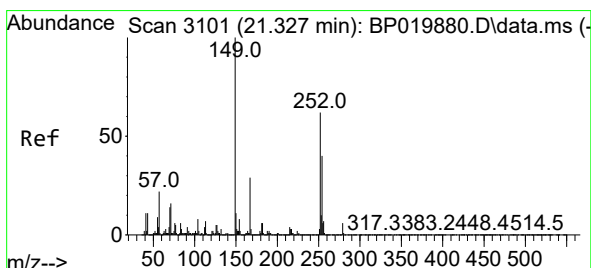
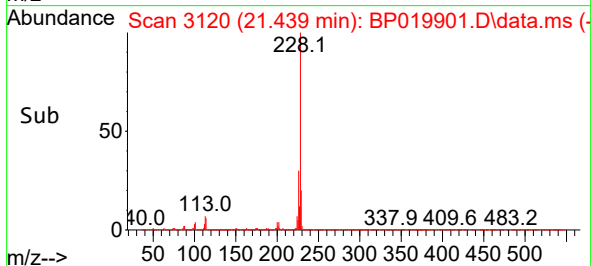
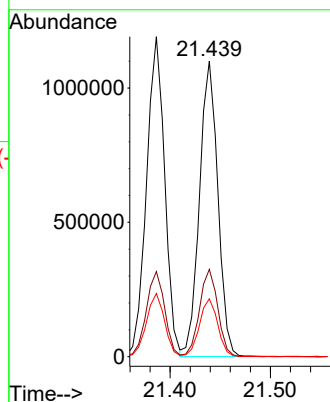
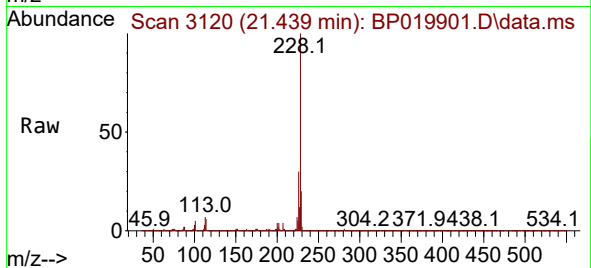
Tgt Ion:228 Resp: 1402408

Ion Ratio Lower Upper

228 100

226 29.6 23.9 35.9

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.669 ng

RT: 21.321 min Scan# 3100

Delta R.T. -0.006 min

Lab File: BP019901.D

Acq: 27 Feb 2024 17:42

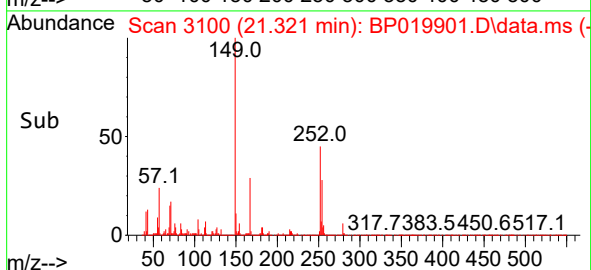
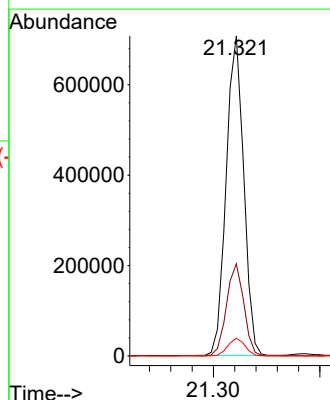
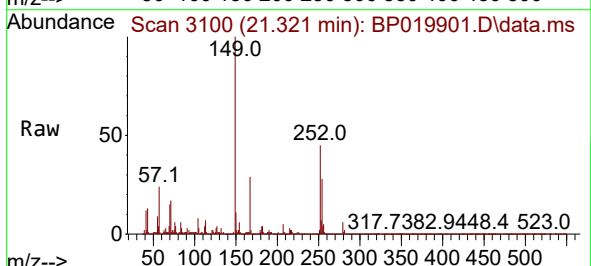
Tgt Ion:149 Resp: 806959

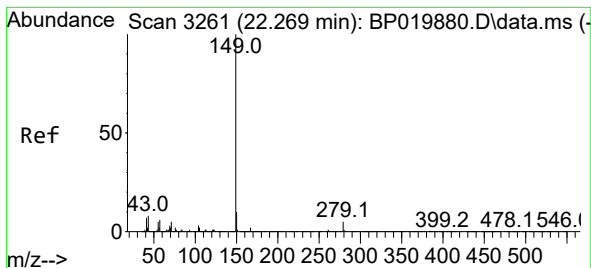
Ion Ratio Lower Upper

149 100

167 28.8 23.0 34.4

279 5.6 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 37.077 ng

RT: 22.263 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP019901.D

Acq: 27 Feb 2024 17:42

Instrument :

BNA_P

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MSD

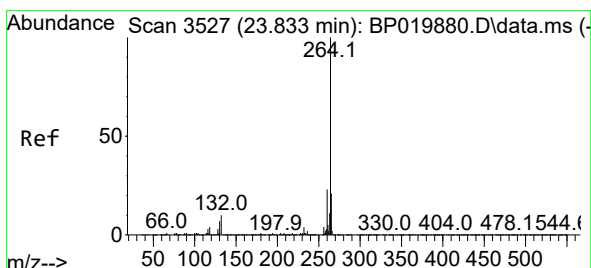
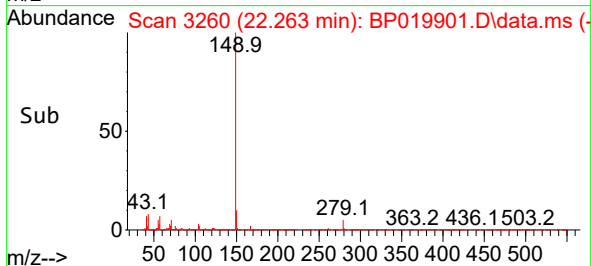
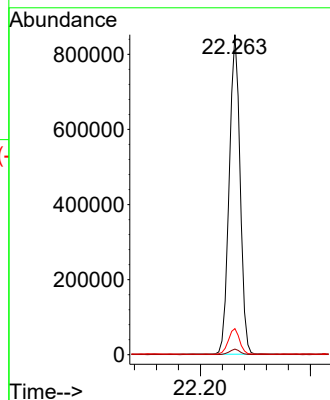
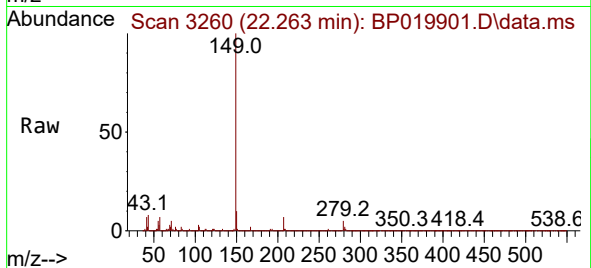
Tgt Ion:149 Resp: 1166953

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 8.2 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.821 min Scan# 3525

Delta R.T. -0.012 min

Lab File: BP019901.D

Acq: 27 Feb 2024 17:42

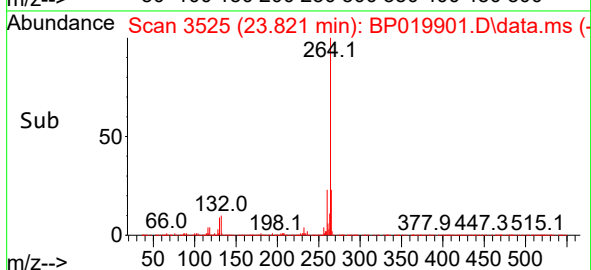
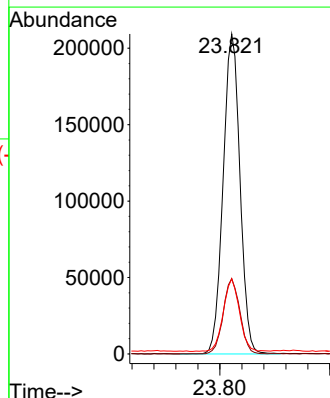
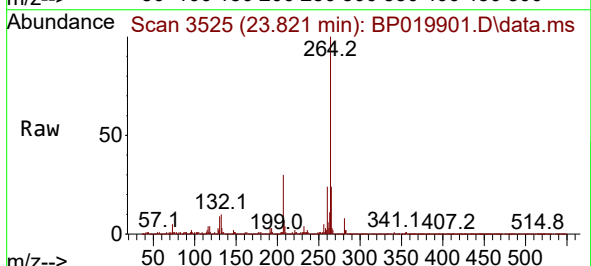
Tgt Ion:264 Resp: 445297

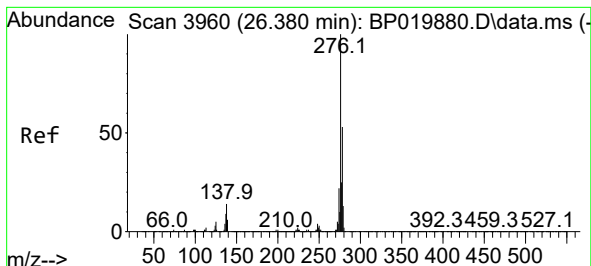
Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 23.5 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.670 ng

RT: 26.362 min Scan# 3957

Delta R.T. -0.018 min

Lab File: BP019901.D

Acq: 27 Feb 2024 17:42

Instrument :

BNA_P

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MSD

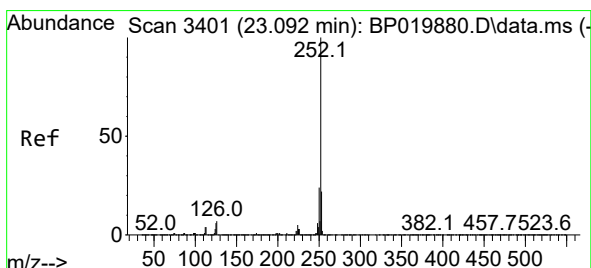
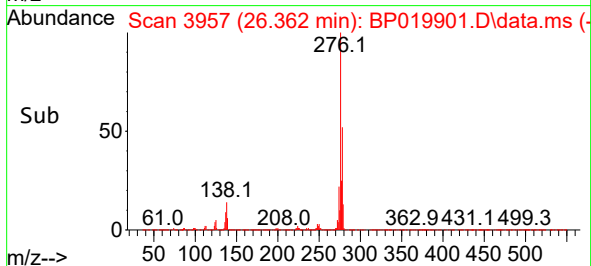
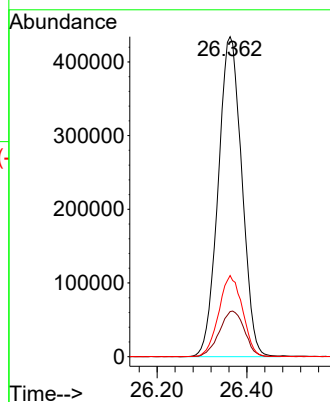
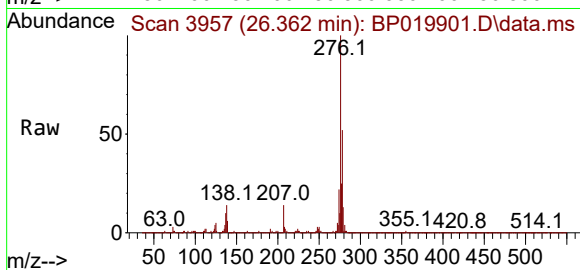
Tgt Ion:276 Resp: 1588458

Ion Ratio Lower Upper

276 100

138 15.3 11.7 17.5

277 25.5 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 46.941 ng

RT: 23.086 min Scan# 3400

Delta R.T. -0.006 min

Lab File: BP019901.D

Acq: 27 Feb 2024 17:42

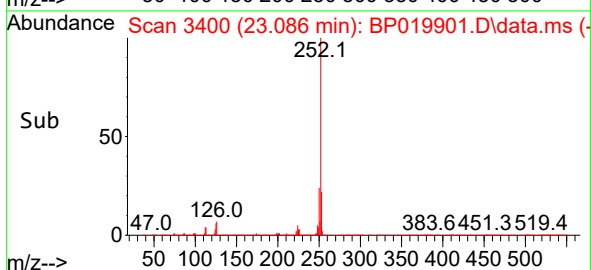
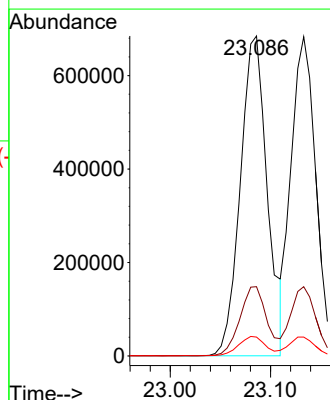
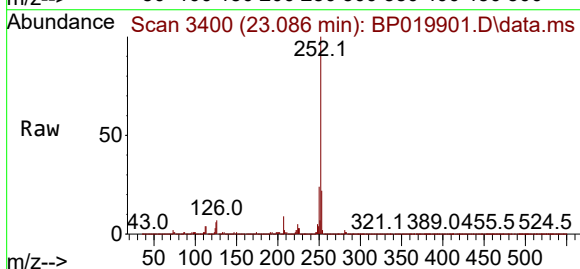
Tgt Ion:252 Resp: 1281528

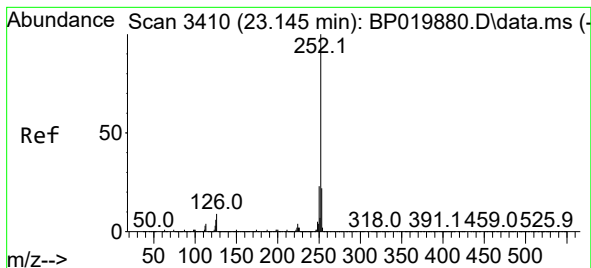
Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 5.9 4.6 7.0





#89

Benzo(k)fluoranthene

Concen: 43.451 ng

RT: 23.133 min Scan# 3410

Delta R.T. -0.012 min

Lab File: BP019901.D

Acq: 27 Feb 2024 17:42

Instrument :

BNA_P

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MSD

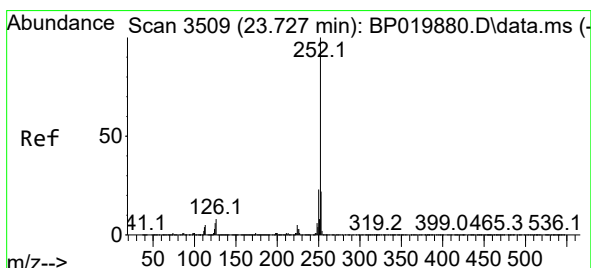
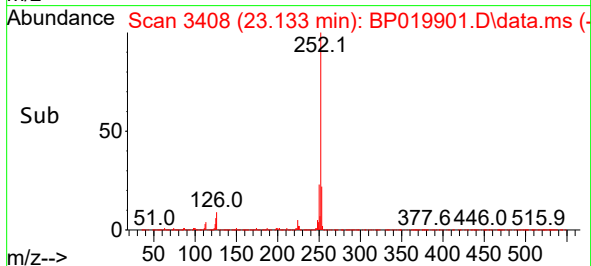
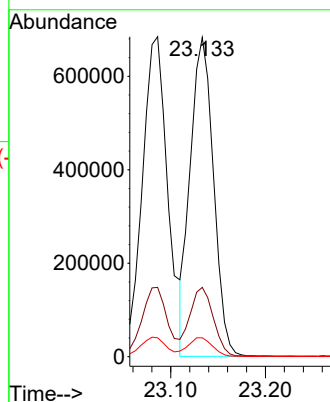
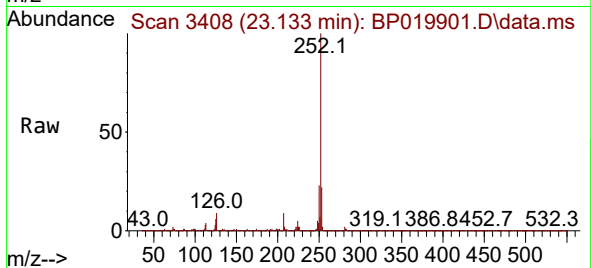
Tgt Ion:252 Resp: 1163370

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 5.9 4.6 6.8



#90

Benzo(a)pyrene

Concen: 42.958 ng

RT: 23.715 min Scan# 3507

Delta R.T. -0.012 min

Lab File: BP019901.D

Acq: 27 Feb 2024 17:42

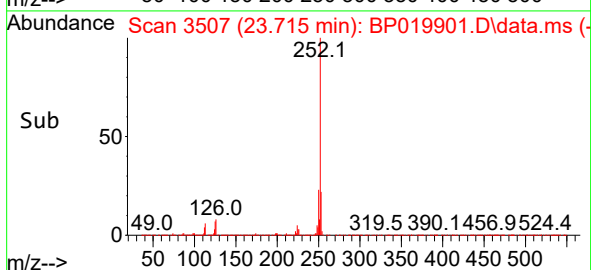
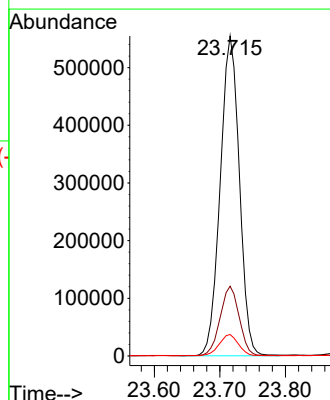
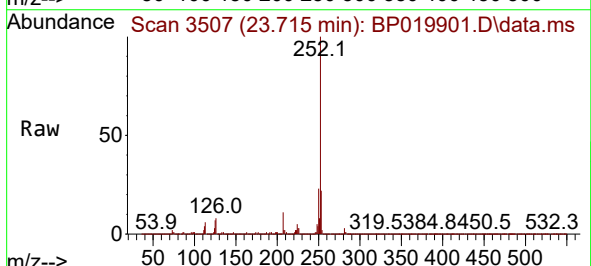
Tgt Ion:252 Resp: 1120798

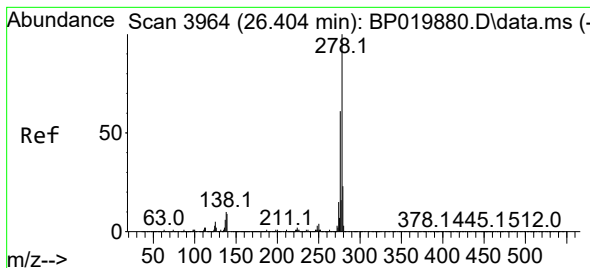
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 6.7 5.2 7.8





#91

Dibenzo(a,h)anthracene

Concen: 49.265 ng

RT: 26.386 min Scan# 3961

Delta R.T. -0.018 min

Lab File: BP019901.D

Acq: 27 Feb 2024 17:42

Instrument :

BNA_P

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MSD

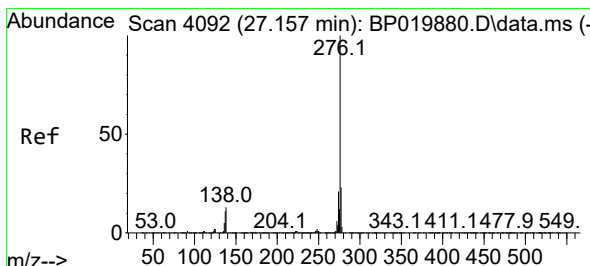
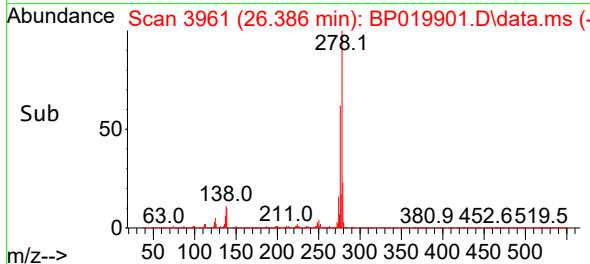
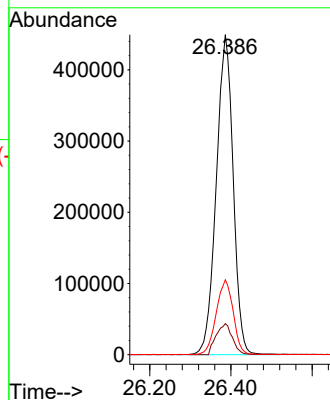
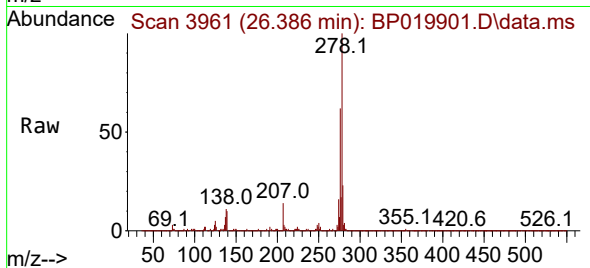
Tgt Ion:278 Resp: 1298339

Ion Ratio Lower Upper

278 100

139 9.7 7.4 11.0

279 23.4 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 51.240 ng

RT: 27.139 min Scan# 4089

Delta R.T. -0.018 min

Lab File: BP019901.D

Acq: 27 Feb 2024 17:42

Tgt Ion:276 Resp: 1303576

Ion Ratio Lower Upper

276 100

277 23.8 18.5 27.7

138 12.6 10.2 15.2

