

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022124\
 Data File : BP019810.D
 Acq On : 21 Feb 2024 16:20
 Operator : MA/JU
 Sample : P1523-05MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Feb 21 16:45:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 19 23:35:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	59086	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	225048	20.000	ng	0.00
39) Acenaphthene-d10	14.528	164	166007	20.000	ng	-0.01
64) Phenanthrene-d10	17.287	188	384377	20.000	ng	0.00
76) Chrysene-d12	21.380	240	416810	20.000	ng	#-0.01
86) Perylene-d12	23.792	264	436272	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	366093	99.874	ng	0.00
7) Phenol-d6	7.069	99	487967	98.729	ng	0.00
23) Nitrobenzene-d5	9.063	82	325706	62.712	ng	0.00
42) 2,4,6-Tribromophenol	16.022	330	291012	120.063	ng	-0.01
45) 2-Fluorobiphenyl	13.157	172	712487	53.058	ng	0.00
79) Terphenyl-d14	19.851	244	1268027	50.031	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.370	88	48692	34.478	ng	96
3) Pyridine	3.770	79	131699	34.396	ng	97
4) n-Nitrosodimethylamine	3.693	42	70189	42.106	ng	97
6) Aniline	7.222	93	144313	30.049	ng	99
8) 2-Chlorophenol	7.458	128	170004	45.174	ng	99
9) Benzaldehyde	7.040	77	31800m	9.177	ng	
10) Phenol	7.093	94	220339	44.729	ng	97
11) bis(2-Chloroethyl)ether	7.328	93	158801	41.436	ng	98
12) 1,3-Dichlorobenzene	7.775	146	189242	41.096	ng	100
13) 1,4-Dichlorobenzene	7.928	146	195151	41.830	ng	99
14) 1,2-Dichlorobenzene	8.240	146	186921	41.409	ng	99
15) Benzyl Alcohol	8.140	79	179105m	45.353	ng	
16) 2,2'-oxybis(1-Chloropr...	8.416	45	157073	40.985	ng	99
17) 2-Methylphenol	8.346	107	144413	43.544	ng	100
18) Hexachloroethane	8.958	117	74022	40.934	ng	99
19) n-Nitroso-di-n-propyla...	8.710	70	142411	42.184	ng	97
20) 3+4-Methylphenols	8.669	107	200658	44.333	ng	99
22) Acetophenone	8.728	105	270149	42.137	ng	# 97
24) Nitrobenzene	9.105	77	210008	40.161	ng	99
25) Isophorone	9.634	82	385106	42.576	ng	99
26) 2-Nitrophenol	9.810	139	96199	48.248	ng	95
27) 2,4-Dimethylphenol	9.875	122	111605	43.775	ng	98
28) bis(2-Chloroethoxy)met...	10.116	93	216300	42.266	ng	97
29) 2,4-Dichlorophenol	10.346	162	183464	47.603	ng	97
30) 1,2,4-Trichlorobenzene	10.557	180	206347	43.667	ng	99
31) Naphthalene	10.746	128	520108	42.138	ng	100
32) Benzoic acid	10.022	122	129021	51.940	ng	98
33) 4-Chloroaniline	10.869	127	85853	18.808	ng	97
34) Hexachlorobutadiene	11.010	225	150469	42.969	ng	99
35) Caprolactam	11.675	113	55732	51.081	ng	100
36) 4-Chloro-3-methylphenol	11.993	107	202320	48.144	ng	100
37) 2-Methylnaphthalene	12.351	142	376717	44.102	ng	99
38) 1-Methylnaphthalene	12.569	142	361989	43.124	ng	100
40) 1,2,4,5-Tetrachloroben...	12.716	216	269025	42.020	ng	99
41) Hexachlorocyclopentadiene	12.681	237	288449	99.733	ng	100
43) 2,4,6-Trichlorophenol	12.963	196	174247	44.947	ng	98

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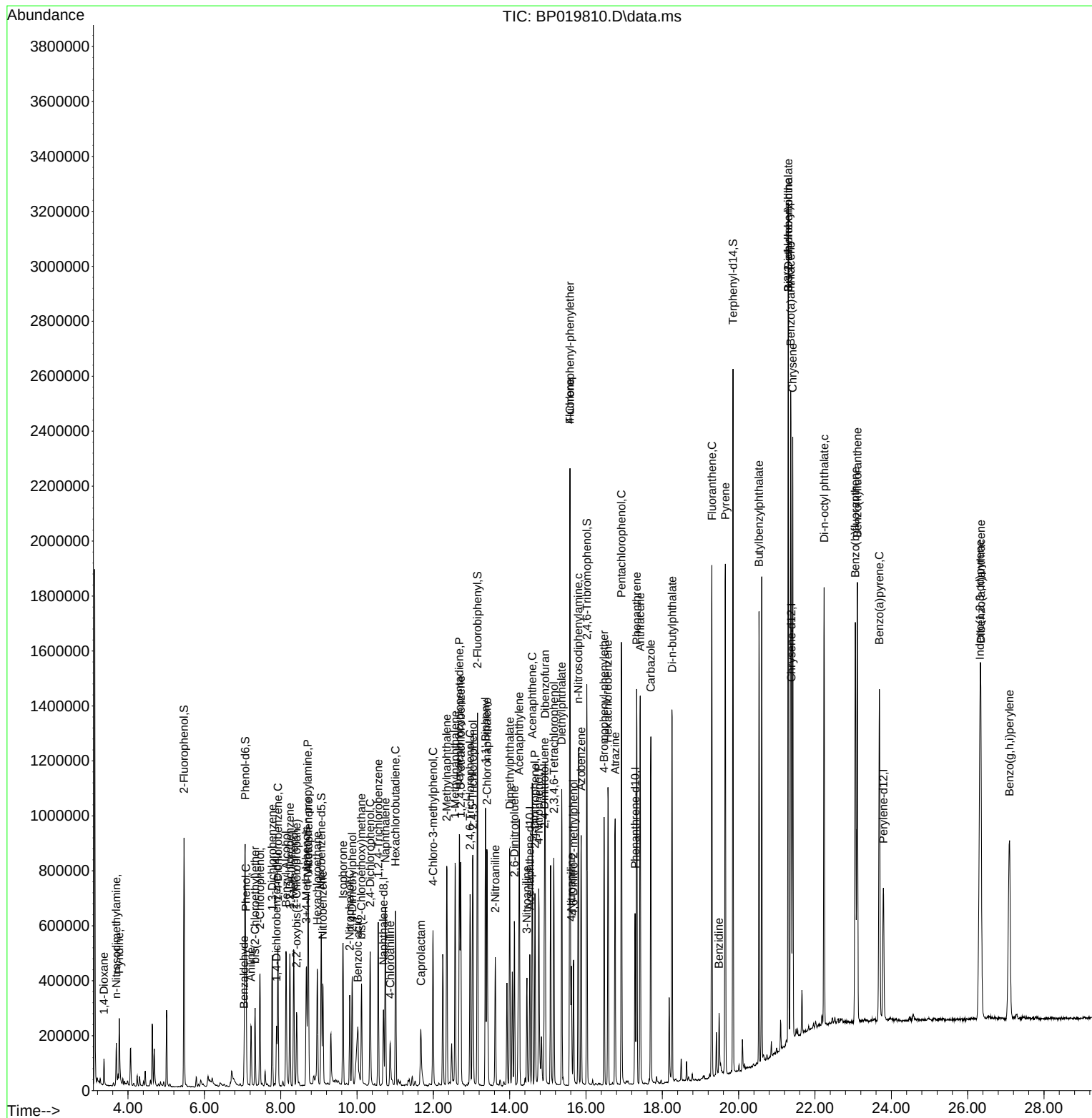
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.040	196	189620	44.544	ng	99
46) 1,1'-Biphenyl	13.369	154	533596	40.273	ng	99
47) 2-Chloronaphthalene	13.404	162	422334	38.830	ng	100
48) 2-Nitroaniline	13.622	65	134600	44.258	ng	98
49) Acenaphthylene	14.251	152	678475	44.464	ng	99
50) Dimethylphthalate	14.004	163	558835	43.974	ng	100
51) 2,6-Dinitrotoluene	14.122	165	120066	43.002	ng	97
52) Acenaphthene	14.593	154	386267	40.786	ng	99
53) 3-Nitroaniline	14.451	138	92731	36.139	ng	93
54) 2,4-Dinitrophenol	14.663	184	156474	107.936	ng	98
55) Dibenzofuran	14.928	168	670902	43.495	ng	99
56) 4-Nitrophenol	14.763	139	200499	95.333	ng	97
57) 2,4-Dinitrotoluene	14.910	165	177549	48.525	ng	# 99
58) Fluorene	15.581	166	544937	44.356	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.157	232	184285	51.467	ng	95
60) Diethylphthalate	15.363	149	567187	44.871	ng	99
61) 4-Chlorophenyl-phenyle...	15.581	204	311832	45.160	ng	95
62) 4-Nitroaniline	15.616	138	117963	43.859	ng	97
63) Azobenzene	15.875	77	520308	42.567	ng	97
65) 4,6-Dinitro-2-methylph...	15.675	198	109839	50.115	ng	93
66) n-Nitrosodiphenylamine	15.798	169	473571	41.138	ng	99
67) 4-Bromophenyl-phenylether	16.475	248	209179	43.532	ng	97
68) Hexachlorobenzene	16.575	284	244098	43.501	ng	98
69) Atrazine	16.763	200	204022	53.409	ng	97
70) Pentachlorophenol	16.928	266	316370	90.535	ng	97
71) Phenanthrene	17.328	178	900807	44.532	ng	100
72) Anthracene	17.422	178	909244	45.059	ng	100
73) Carbazole	17.698	167	813152	44.358	ng	99
74) Di-n-butylphthalate	18.257	149	988461	44.595	ng	99
75) Fluoranthene	19.298	202	1169912	47.343	ng	99
77) Benzidine	19.486	184	158078	18.140	ng	99
78) Pyrene	19.651	202	1211090	41.170	ng	99
80) Butylbenzylphthalate	20.533	149	473860	43.135	ng	99
81) Benzo(a)anthracene	21.363	228	1283986	43.762	ng	99
82) 3,3'-Dichlorobenzidine	21.298	252	404728	37.855	ng	100
83) Chrysene	21.416	228	1209463	43.418	ng	99
84) Bis(2-ethylhexyl)phtha...	21.298	149	693492	41.456	ng	99
85) Di-n-octyl phthalate	22.239	149	1194819	40.596	ng	99
87) Indeno(1,2,3-cd)pyrene	26.321	276	1363439	40.828	ng	97
88) Benzo(b)fluoranthene	23.057	252	1234308	44.890	ng	99
89) Benzo(k)fluoranthene	23.110	252	1211690	46.133	ng	99
90) Benzo(a)pyrene	23.686	252	1087795	44.463	ng	98
91) Dibenzo(a,h)anthracene	26.345	278	1128127	41.074	ng	98
92) Benzo(g,h,i)perylene	27.098	276	1056599	37.919	ng	98

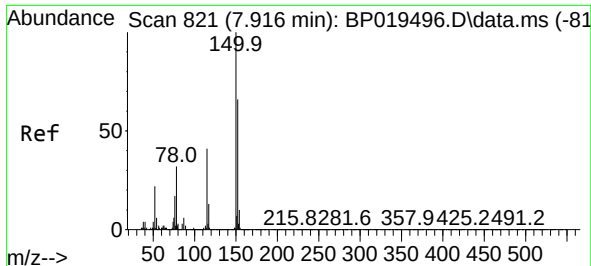
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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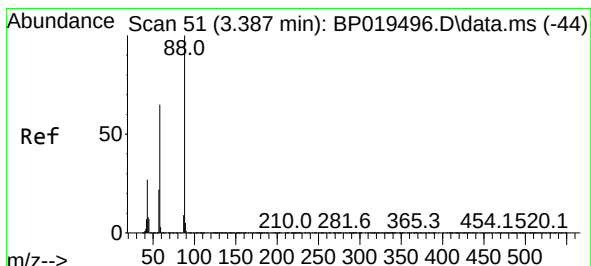
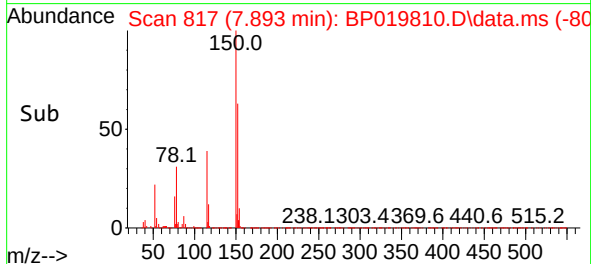
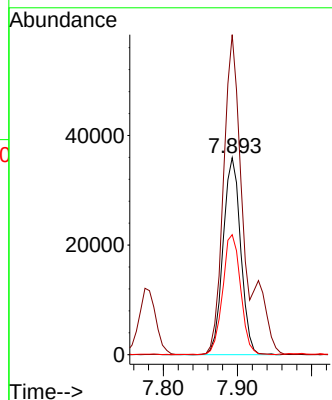
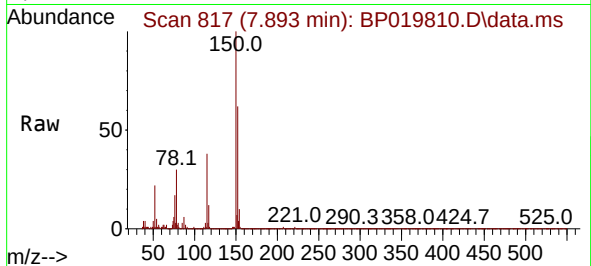




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

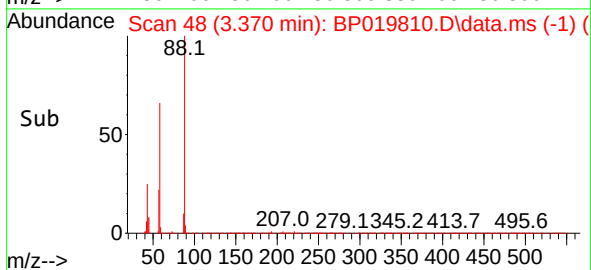
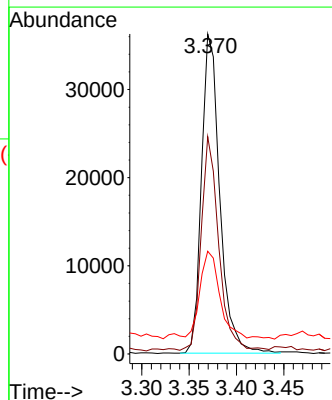
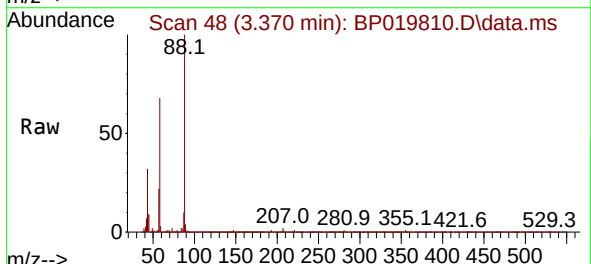
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BNA_P
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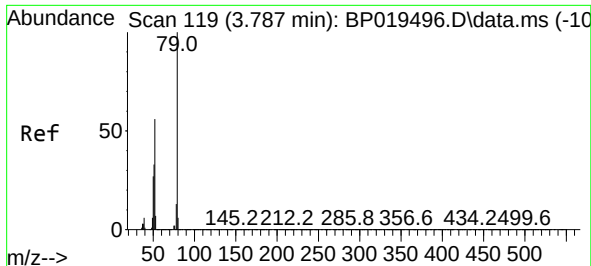
Tgt Ion:152 Resp: 59086
Ion Ratio Lower Upper
152 100
150 162.5 121.8 182.8
115 61.0 49.9 74.9



#2
1,4-Dioxane
Concen: 34.478 ng
RT: 3.370 min Scan# 48
Delta R.T. -0.012 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

Tgt Ion: 88 Resp: 48692
Ion Ratio Lower Upper
88 100
58 63.6 52.6 78.8
43 30.6 21.9 32.9

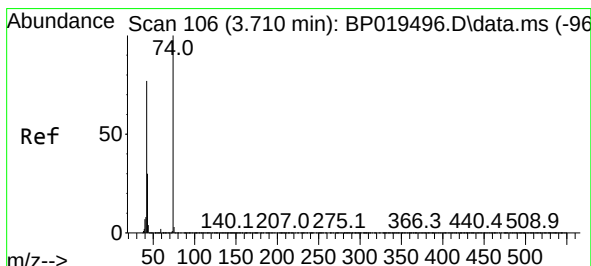
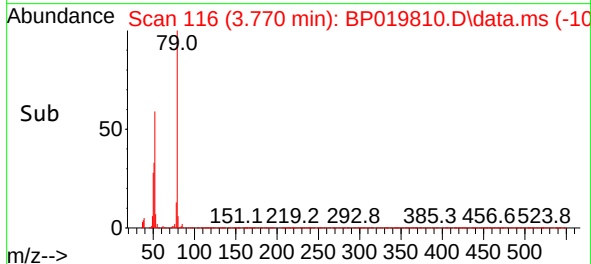
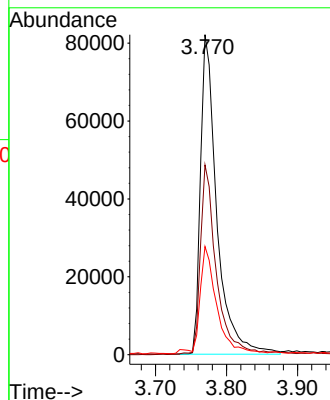
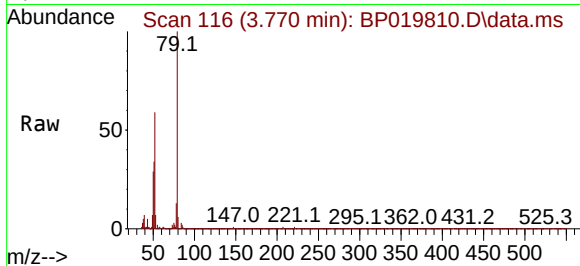




#3
Pyridine
Concen: 34.396 ng
RT: 3.770 min Scan# 119
Delta R.T. -0.012 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

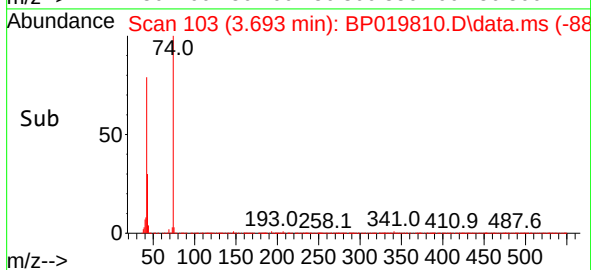
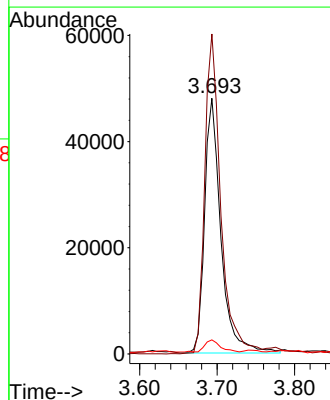
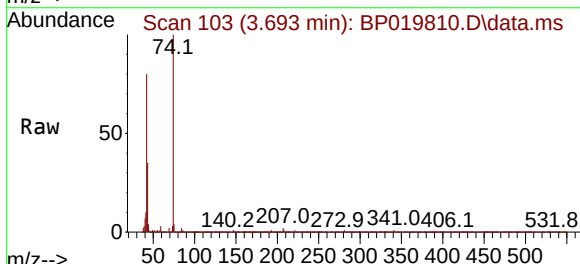
Instrument :
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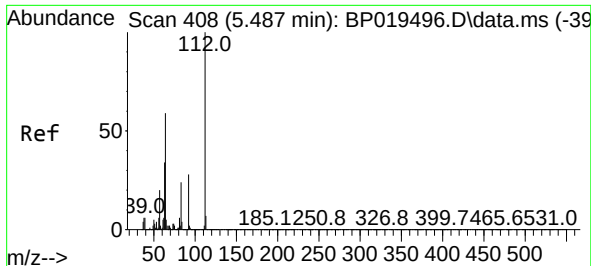
Tgt Ion: 79 Resp: 131699
Ion Ratio Lower Upper
79 100
52 59.3 45.0 67.6
51 33.8 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 42.106 ng
RT: 3.693 min Scan# 103
Delta R.T. -0.012 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

Tgt Ion: 42 Resp: 70189
Ion Ratio Lower Upper
42 100
74 125.2 103.4 155.2
44 5.5 4.8 7.2

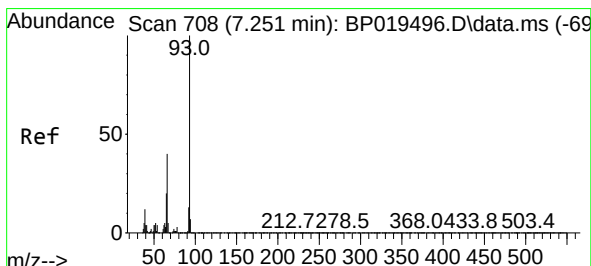
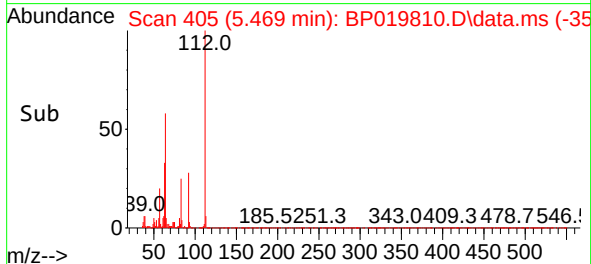
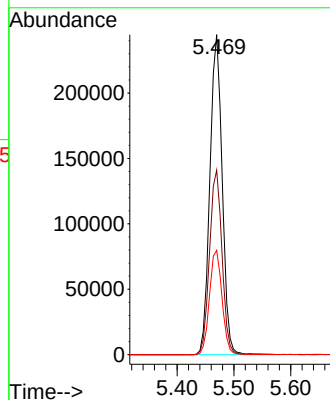
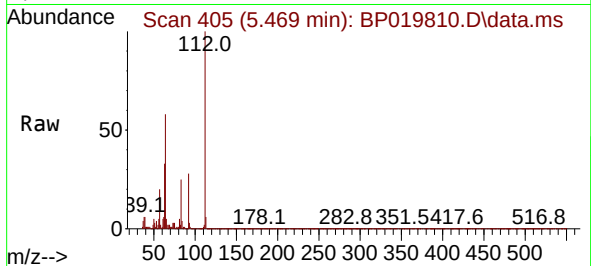




#5
2-Fluorophenol
Concen: 99.874 ng
RT: 5.469 min Scan# 408
Delta R.T. -0.006 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

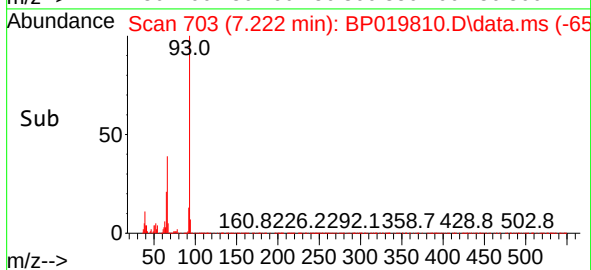
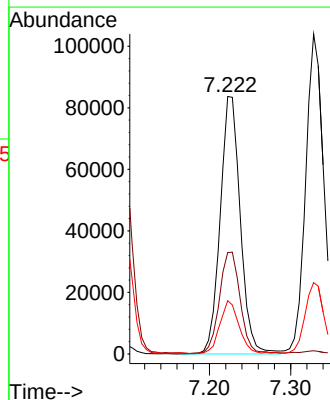
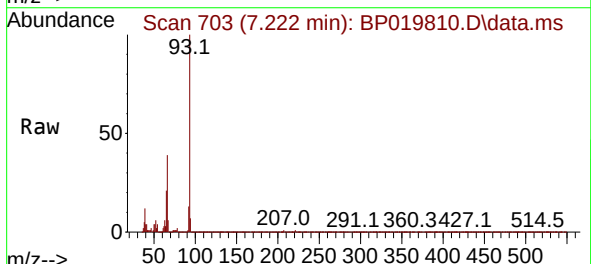
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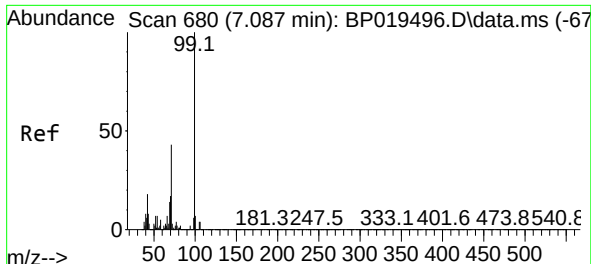
Tgt Ion:112 Resp: 366093
Ion Ratio Lower Upper
112 100
64 57.7 47.4 71.0
63 32.6 27.0 40.6



#6
Aniline
Concen: 30.049 ng
RT: 7.222 min Scan# 703
Delta R.T. -0.012 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

Tgt Ion: 93 Resp: 144313
Ion Ratio Lower Upper
93 100
66 39.4 32.3 48.5
65 20.7 16.4 24.6





#7

Phenol-d6

Concen: 98.729 ng

RT: 7.069 min Scan# 61

Delta R.T. 0.000 min

Lab File: BP019810.D

Acq: 21 Feb 2024 16:20

Instrument :

BNA_P

ClientSampleId :

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

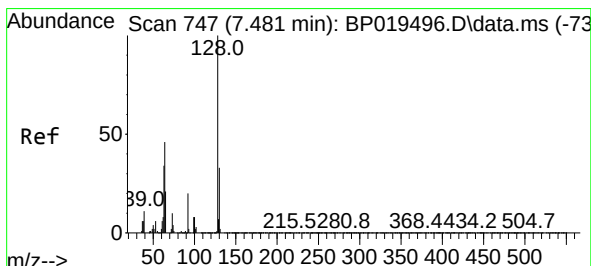
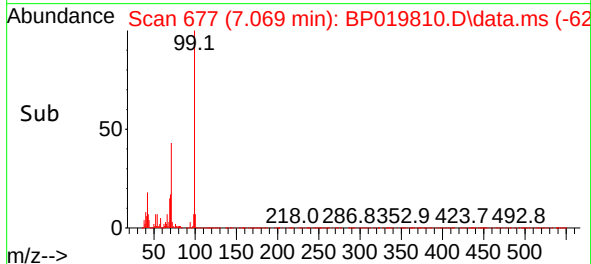
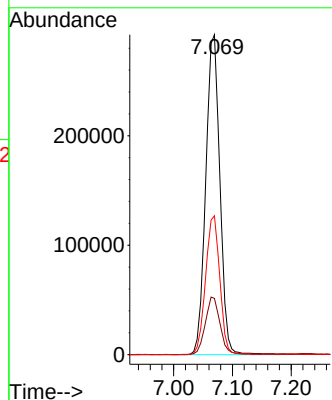
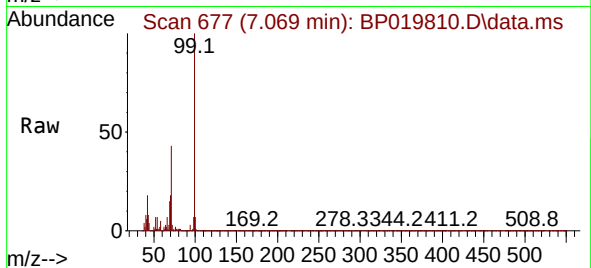
Tgt Ion: 99 Resp: 487967

Ion Ratio Lower Upper

99 100

42 17.6 14.7 22.1

71 43.4 34.8 52.2



#8

2-Chlorophenol

Concen: 45.174 ng

RT: 7.458 min Scan# 743

Delta R.T. -0.006 min

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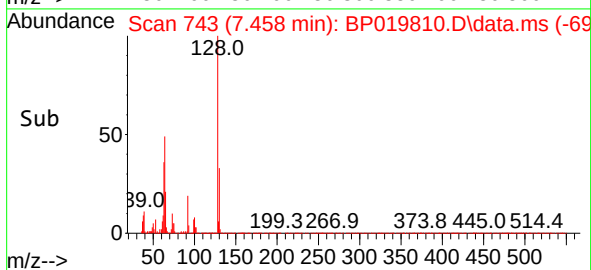
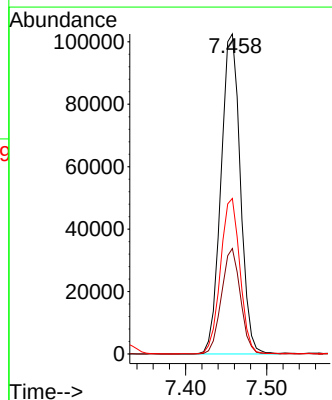
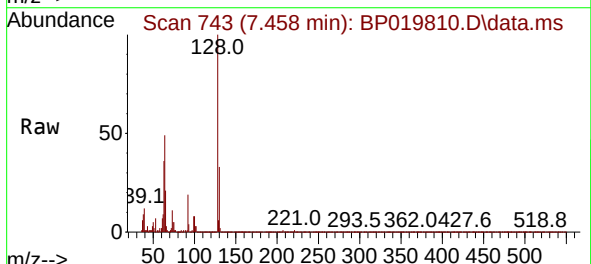
Tgt Ion:128 Resp: 170004

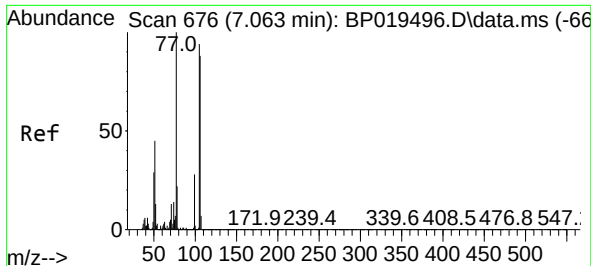
Ion Ratio Lower Upper

128 100

130 33.0 13.3 53.3

64 48.6 29.7 69.7

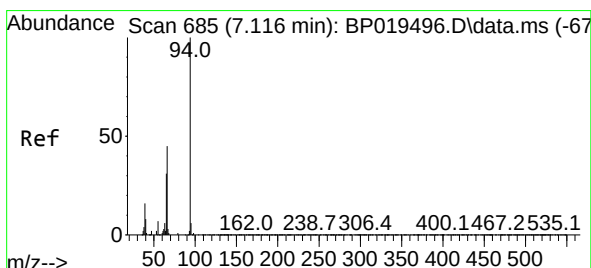
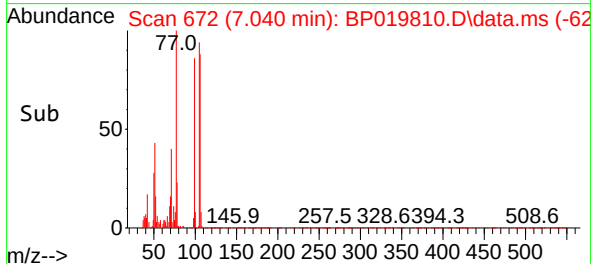
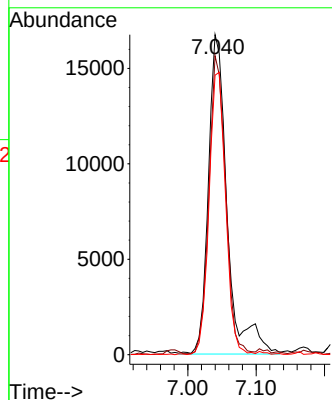
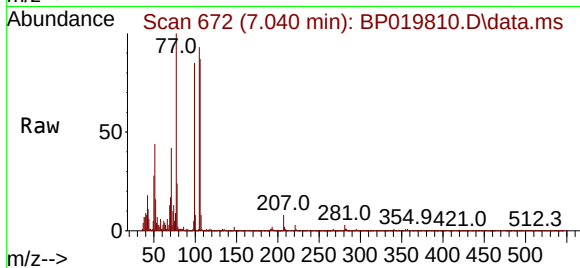




#9
Benzaldehyde
Concen: 9.177 ng m
RT: 7.040 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP019810.D
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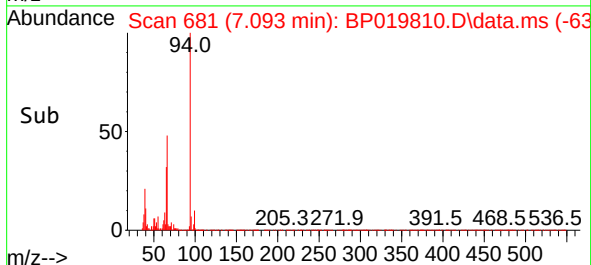
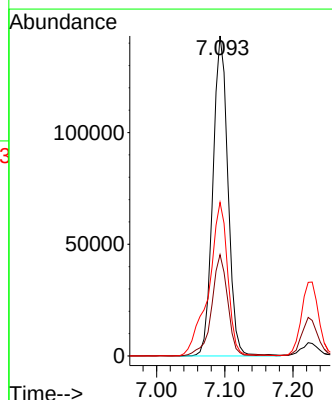
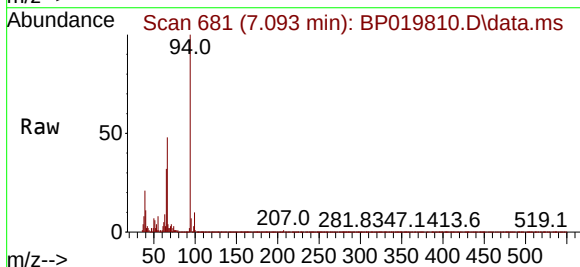
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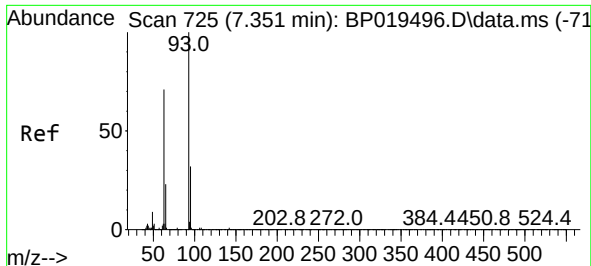
Tgt Ion: 77 Resp: 31800
Ion Ratio Lower Upper
77 100
105 93.4 74.0 114.0
106 87.4 67.8 107.8



#10
Phenol
Concen: 44.729 ng
RT: 7.093 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

Tgt Ion: 94 Resp: 220339
Ion Ratio Lower Upper
94 100
65 31.6 11.3 51.3
66 48.0 25.1 65.1

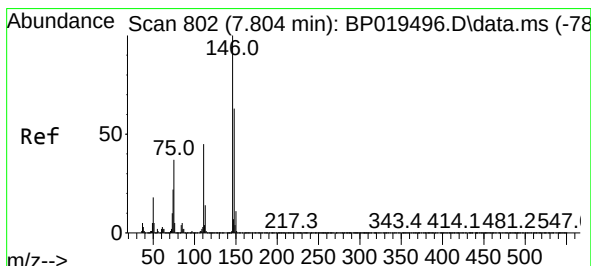
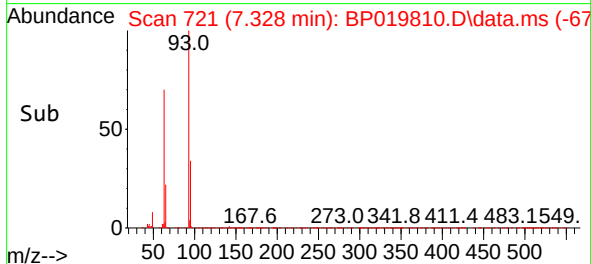
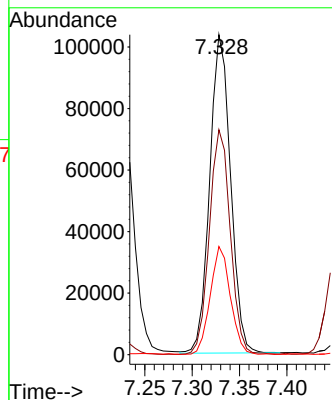
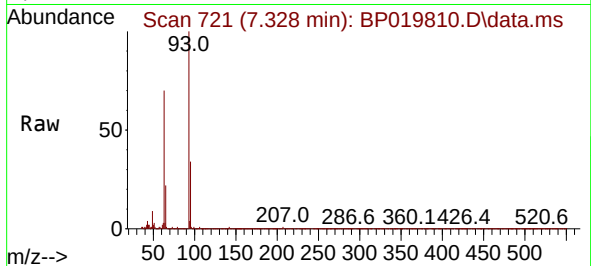




#11
bis(2-Chloroethyl)ether
Concen: 41.436 ng
RT: 7.328 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

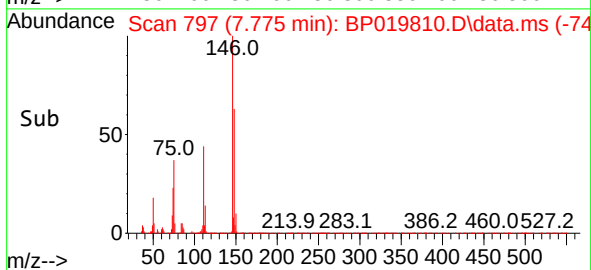
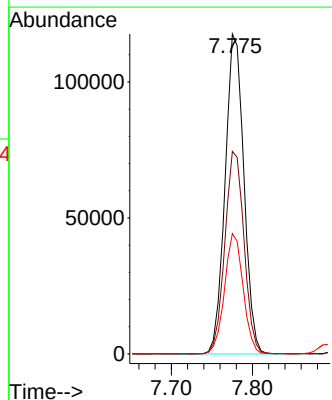
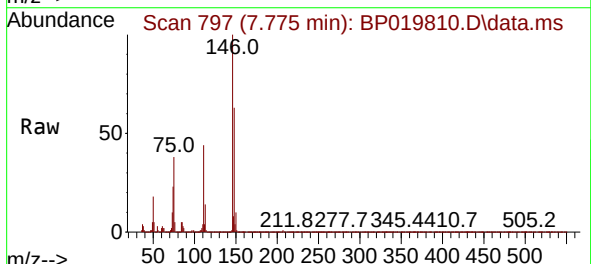
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MSD

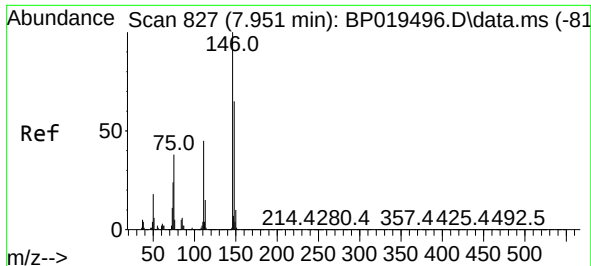
Tgt Ion: 93 Resp: 158801
Ion Ratio Lower Upper
93 100
63 70.3 51.2 91.2
95 33.8 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 41.096 ng
RT: 7.775 min Scan# 797
Delta R.T. -0.012 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

Tgt Ion: 146 Resp: 189242
Ion Ratio Lower Upper
146 100
148 63.3 50.4 75.6
75 37.6 29.9 44.9

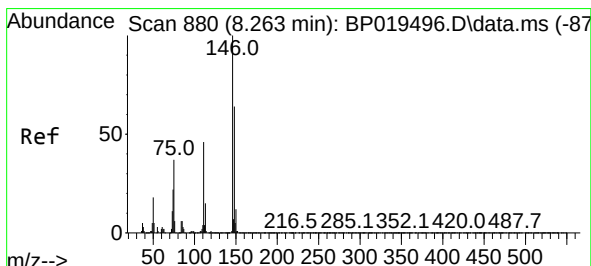
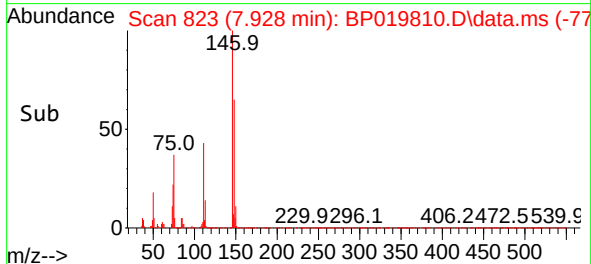
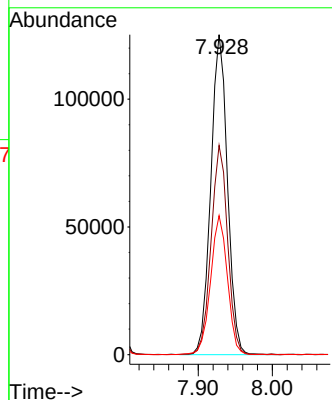
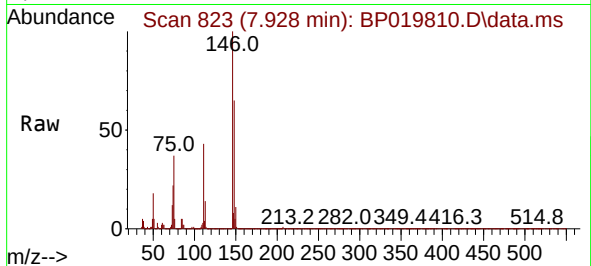




#13
1,4-Dichlorobenzene
Concen: 41.830 ng
RT: 7.928 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

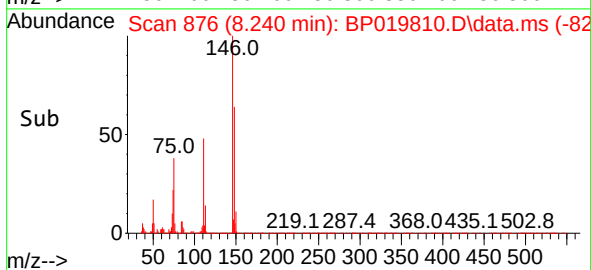
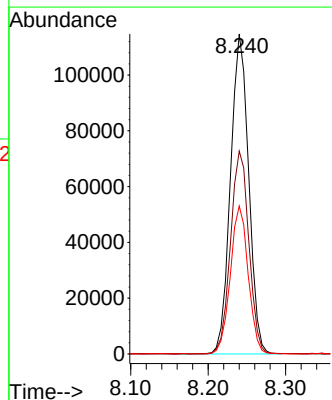
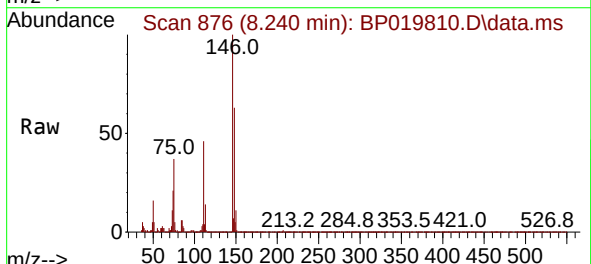
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MSD

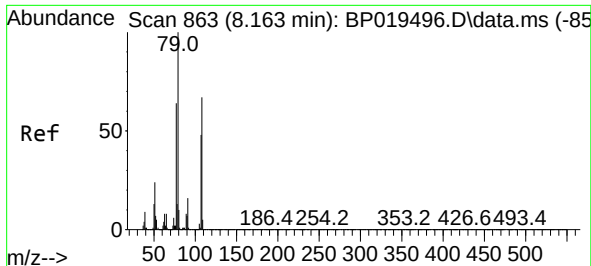
Tgt Ion:146 Resp: 195151
Ion Ratio Lower Upper
146 100
148 65.4 51.9 77.9
111 43.4 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 41.409 ng
RT: 8.240 min Scan# 876
Delta R.T. -0.012 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

Tgt Ion:146 Resp: 186921
Ion Ratio Lower Upper
146 100
148 63.4 51.4 77.0
111 46.3 37.0 55.6

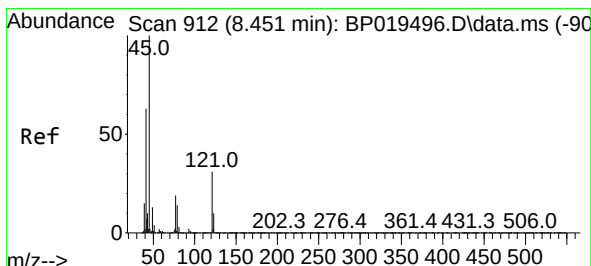
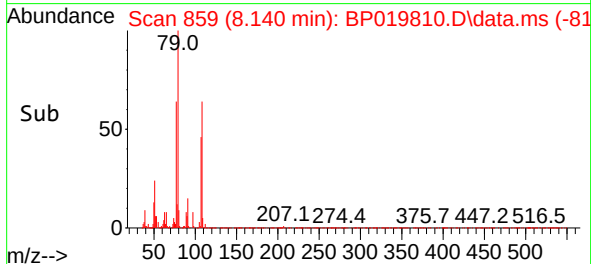
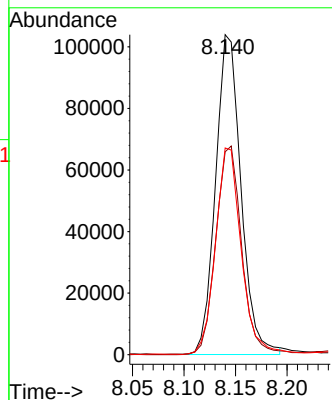
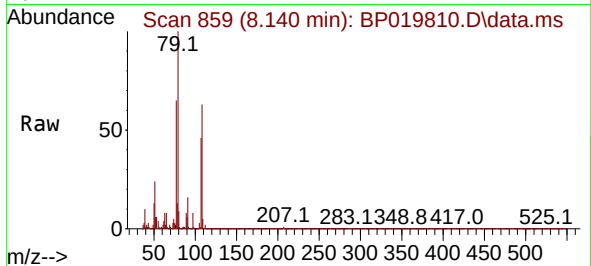




#15
Benzyl Alcohol
Concen: 45.353 ng m
RT: 8.140 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

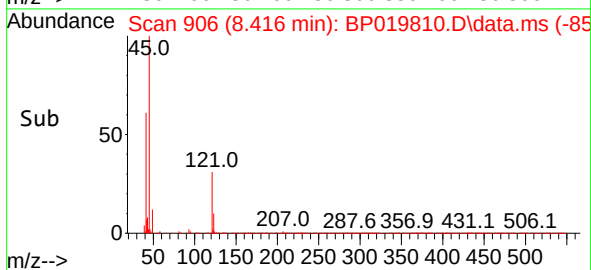
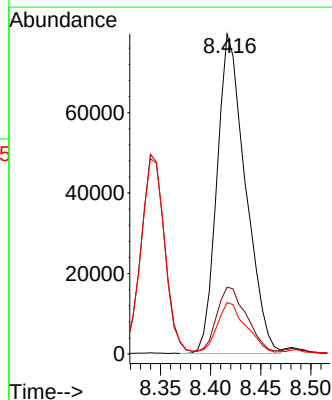
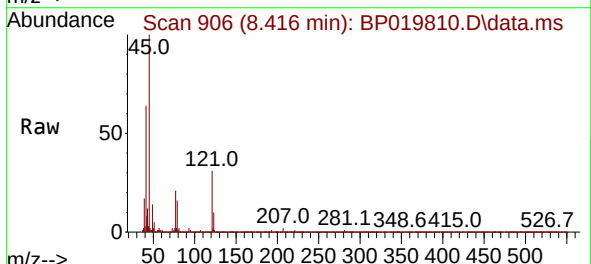
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MSD

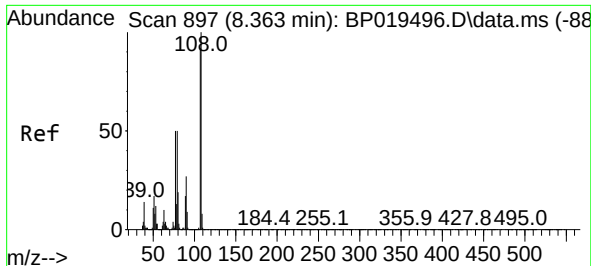
Tgt Ion: 79 Resp: 179105
Ion Ratio Lower Upper
79 100
108 63.4 53.8 80.6
77 64.6 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.985 ng
RT: 8.416 min Scan# 906
Delta R.T. -0.023 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

Tgt Ion: 45 Resp: 157073
Ion Ratio Lower Upper
45 100
77 20.9 0.8 40.8
79 16.0 0.0 35.5

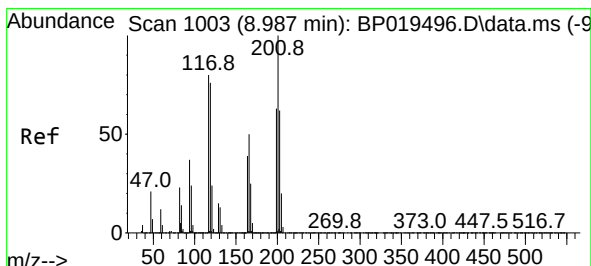
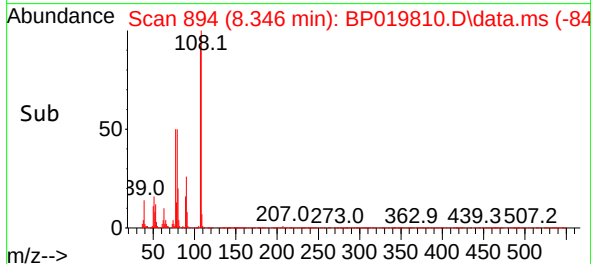
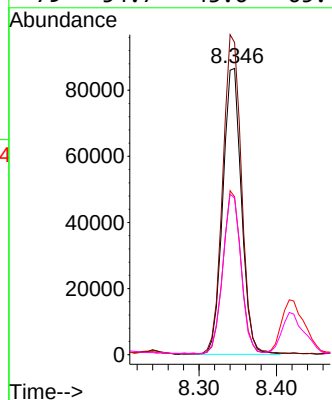
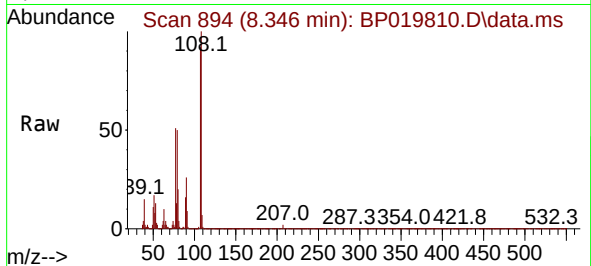




#17
2-Methylphenol
Concen: 43.544 ng
RT: 8.346 min Scan# 897
Delta R.T. 0.000 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

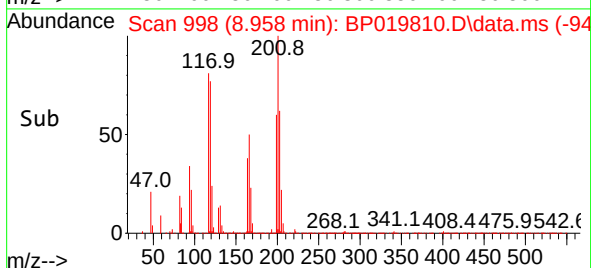
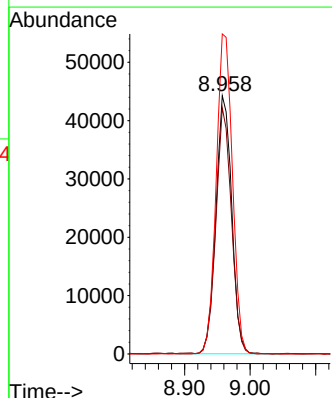
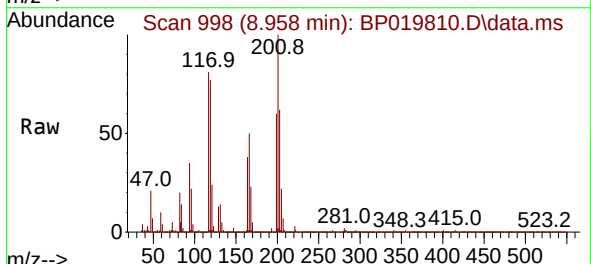
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MSD

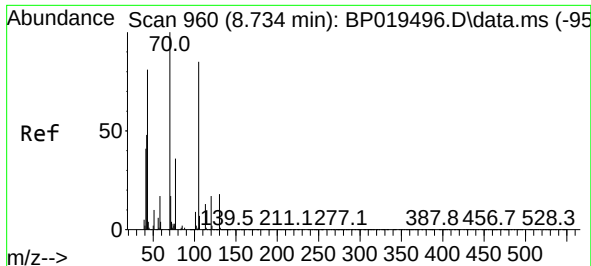
Tgt Ion:107 Resp: 144413
Ion Ratio Lower Upper
107 100
108 109.0 87.0 130.6
77 55.1 43.5 65.3
79 54.7 43.6 65.4



#18
Hexachloroethane
Concen: 40.934 ng
RT: 8.958 min Scan# 998
Delta R.T. -0.012 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

Tgt Ion:117 Resp: 74022
Ion Ratio Lower Upper
117 100
119 95.3 75.5 113.3
201 123.9 99.4 149.2



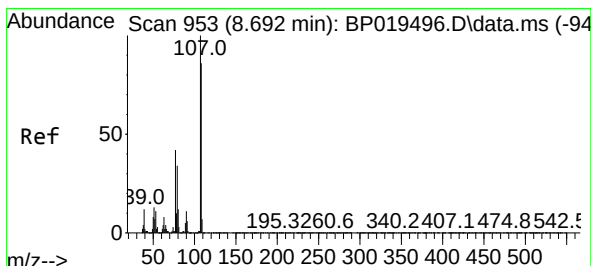
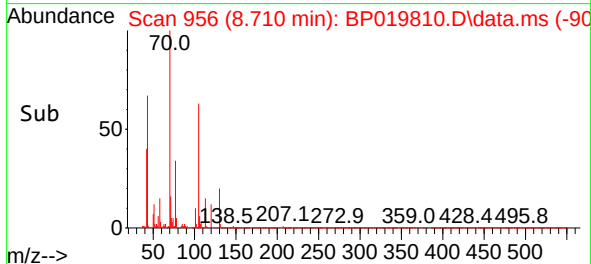
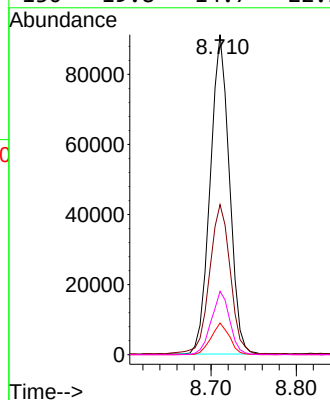
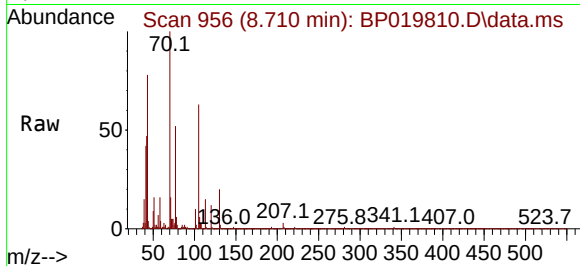


#19
n-Nitroso-di-n-propylamine
Concen: 42.184 ng
RT: 8.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

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

Tgt Ion: 70 Resp: 142411

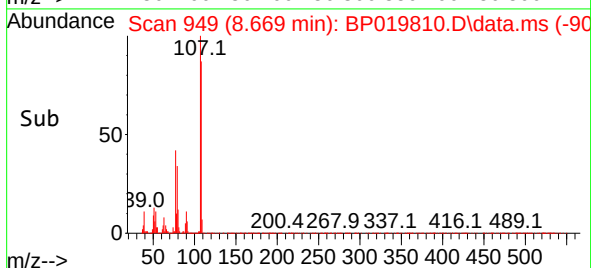
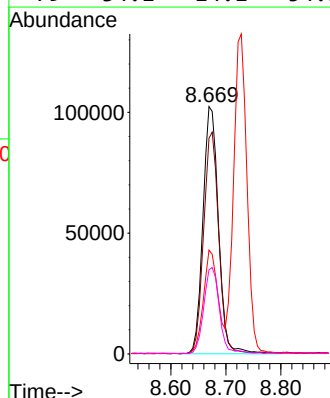
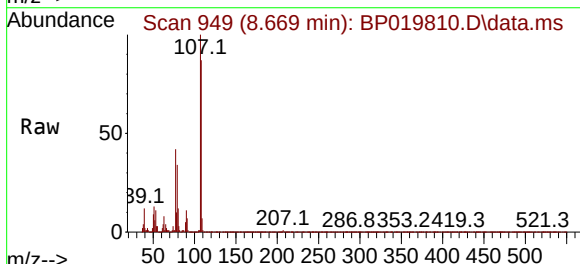
Ion	Ratio	Lower	Upper
70	100		
42	46.9	39.2	58.8
101	9.9	7.3	10.9
130	19.8	14.7	22.1

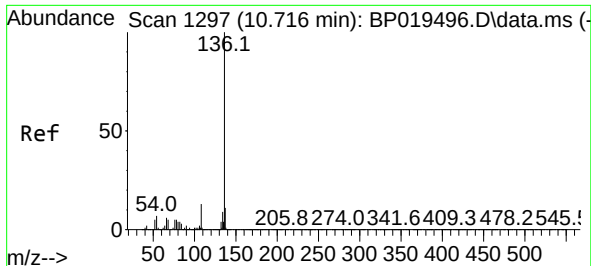


#20
3+4-Methylphenols
Concen: 44.333 ng
RT: 8.669 min Scan# 949
Delta R.T. -0.012 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

Tgt Ion: 107 Resp: 200658

Ion	Ratio	Lower	Upper
107	100		
108	87.3	65.5	105.5
77	42.0	21.8	61.8
79	34.1	14.1	54.1

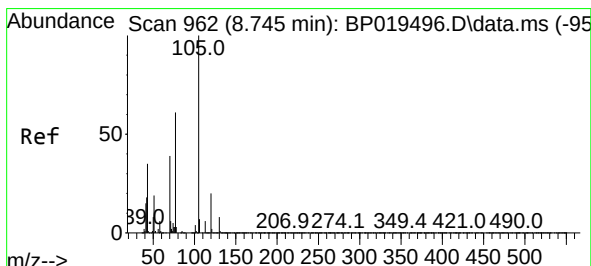
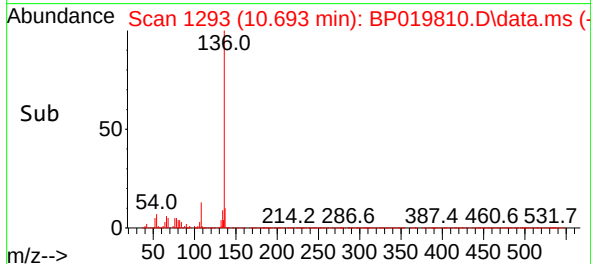
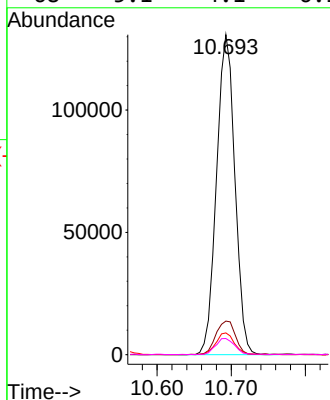
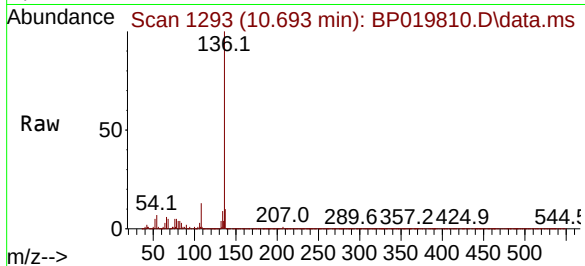




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

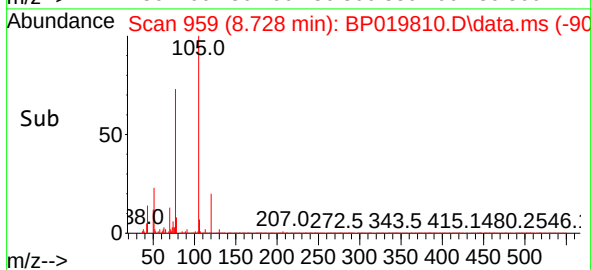
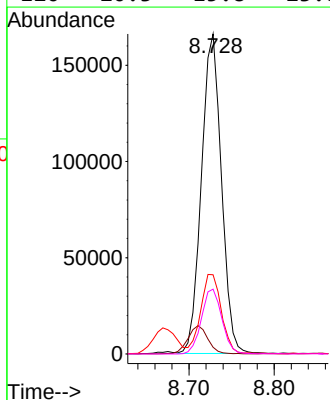
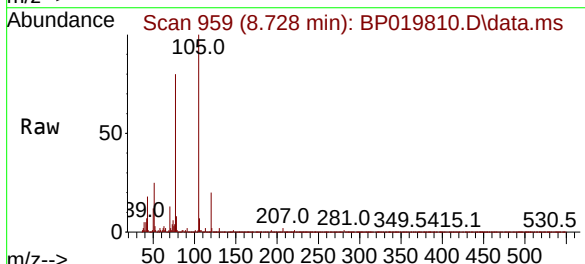
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MSD

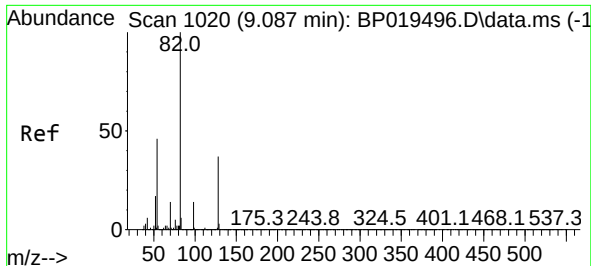
Tgt Ion:	136	Resp:	225048
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	6.8	5.3	7.9
68	5.1	4.1	6.1



#22
Acetophenone
Concen: 42.137 ng
RT: 8.728 min Scan# 959
Delta R.T. -0.006 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

Tgt Ion:	105	Resp:	270149
Ion	Ratio	Lower	Upper
105	100		
71	2.1	4.9	7.3#
51	24.7	20.7	31.1
120	20.3	15.8	23.8

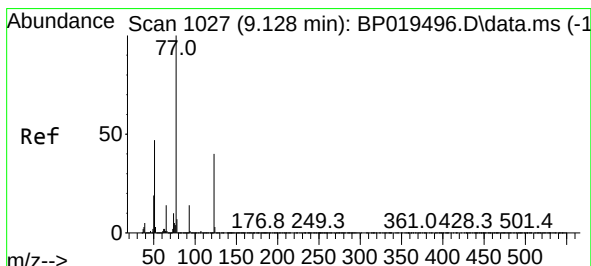
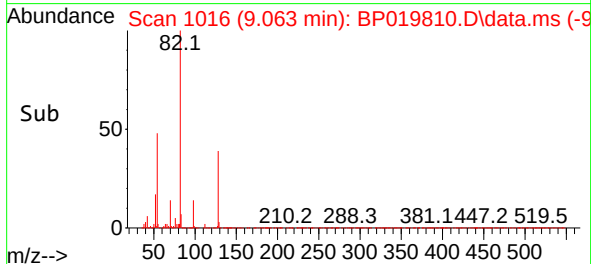
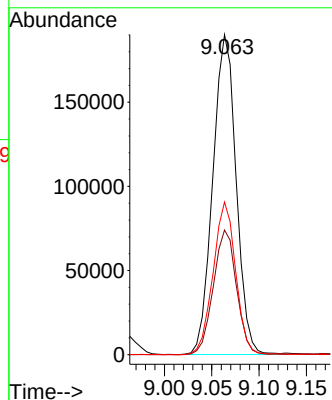
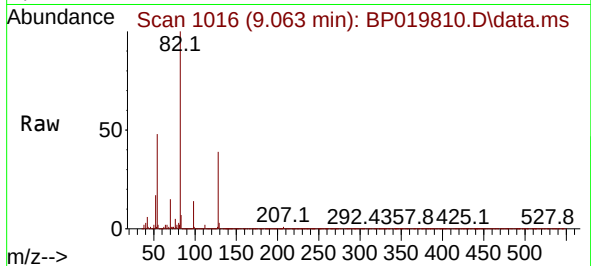




#23
Nitrobenzene-d5
Concen: 62.712 ng
RT: 9.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

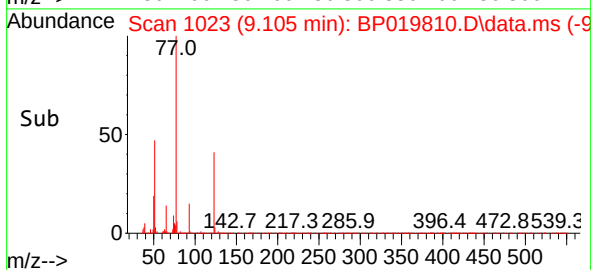
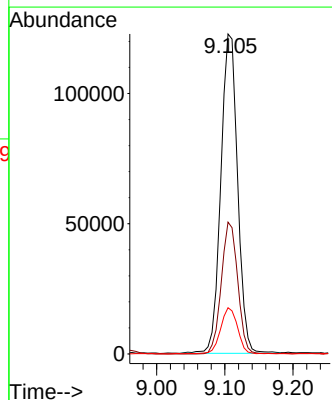
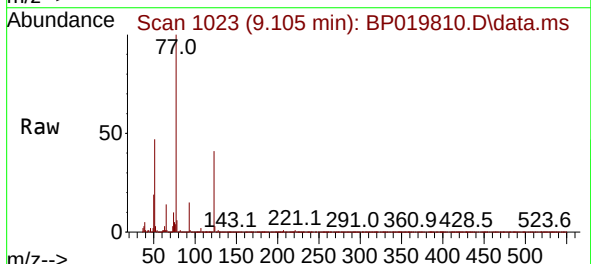
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MSD

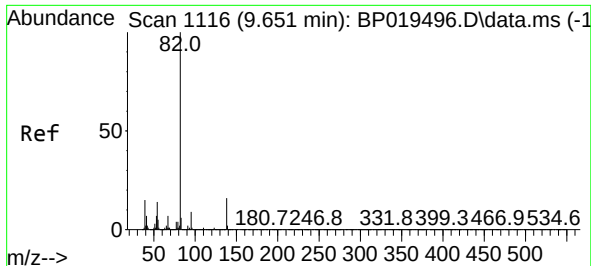
Tgt Ion: 82 Resp: 325706
Ion Ratio Lower Upper
82 100
128 38.9 29.7 44.5
54 47.7 36.8 55.2



#24
Nitrobenzene
Concen: 40.161 ng
RT: 9.105 min Scan# 1023
Delta R.T. -0.012 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

Tgt Ion: 77 Resp: 210008
Ion Ratio Lower Upper
77 100
123 41.2 32.3 48.5
65 14.4 11.6 17.4

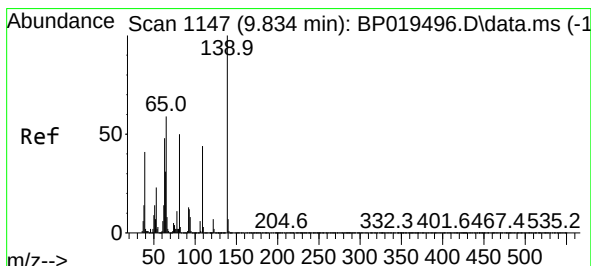
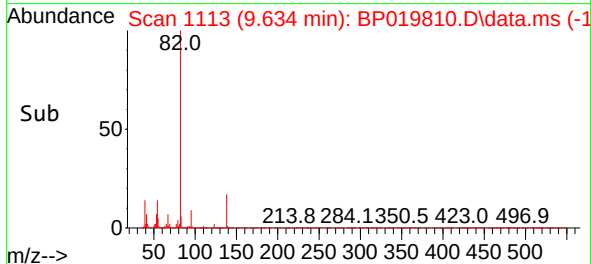
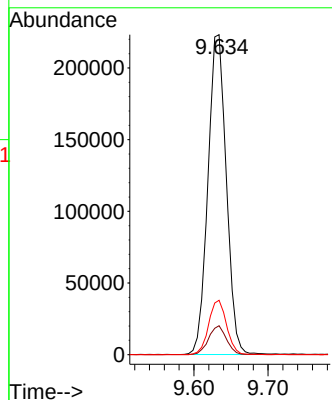
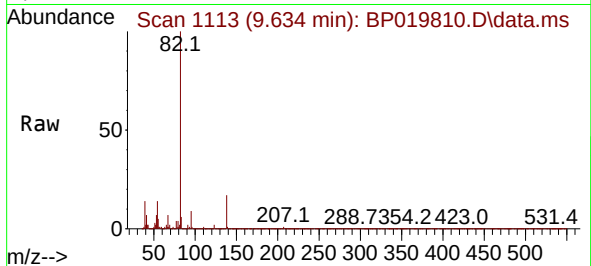




#25
Isophorone
Concen: 42.576 ng
RT: 9.634 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

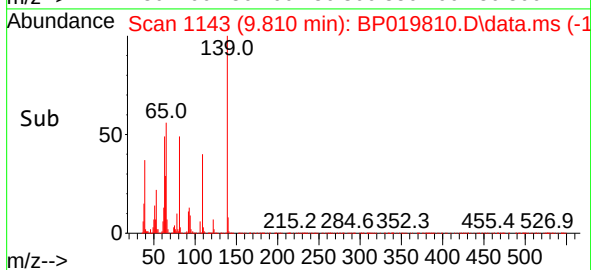
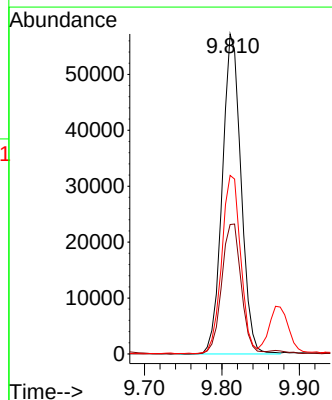
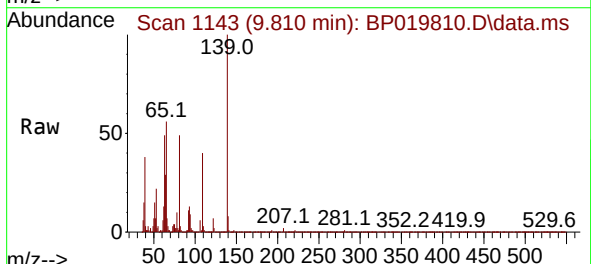
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MSD

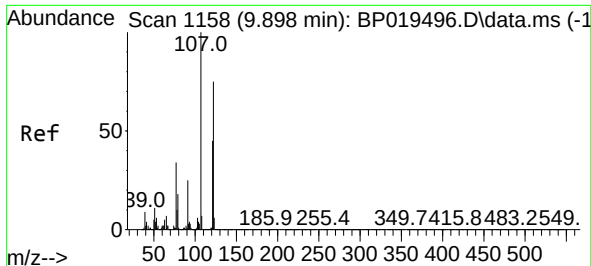
Tgt Ion: 82 Resp: 385106
Ion Ratio Lower Upper
82 100
95 9.0 7.0 10.4
138 17.0 13.1 19.7



#26
2-Nitrophenol
Concen: 48.248 ng
RT: 9.810 min Scan# 1143
Delta R.T. -0.012 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

Tgt Ion: 139 Resp: 96199
Ion Ratio Lower Upper
139 100
109 40.5 34.9 52.3
65 55.8 47.5 71.3

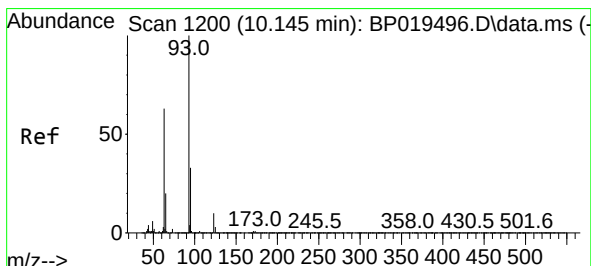
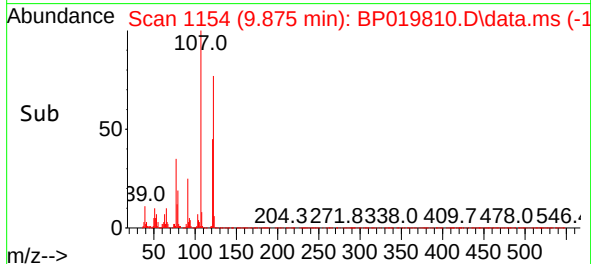
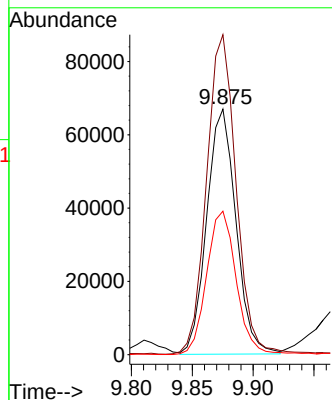
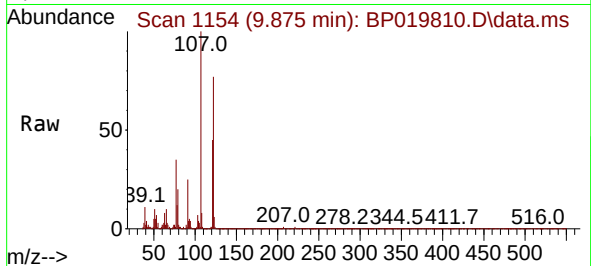




#27
2,4-Dimethylphenol
Concen: 43.775 ng
RT: 9.875 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

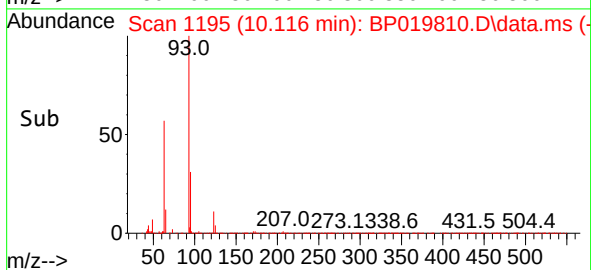
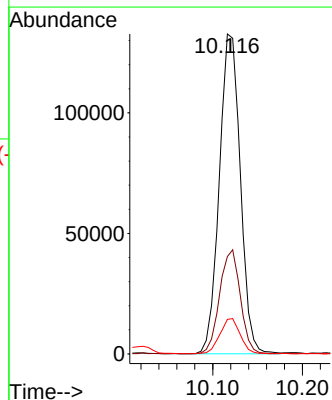
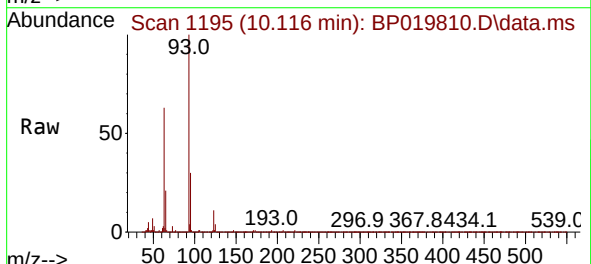
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MSD

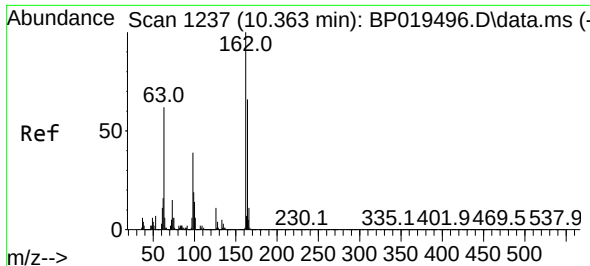
Tgt Ion:122 Resp: 111605
Ion Ratio Lower Upper
122 100
107 130.3 105.9 158.9
121 58.4 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 42.266 ng
RT: 10.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

Tgt Ion: 93 Resp: 216300
Ion Ratio Lower Upper
93 100
95 30.4 26.2 39.4
123 10.8 8.5 12.7

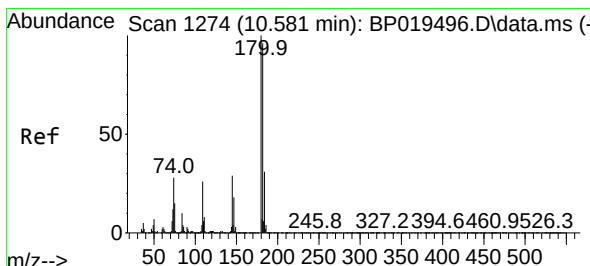
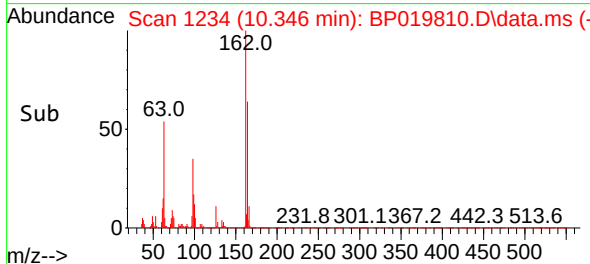
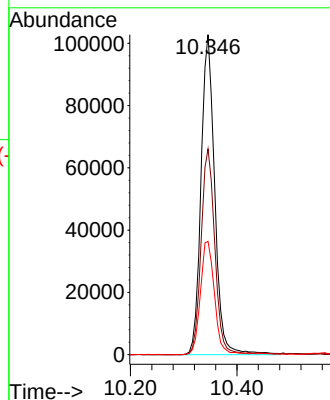
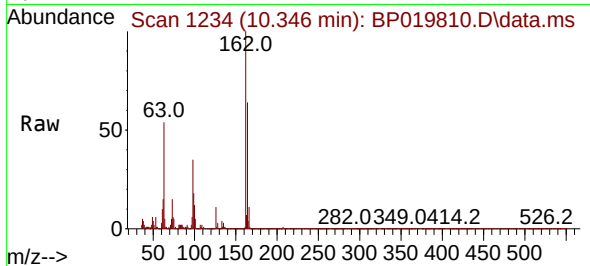




#29
2,4-Dichlorophenol
Concen: 47.603 ng
RT: 10.346 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

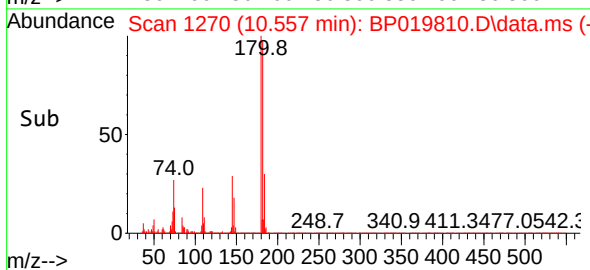
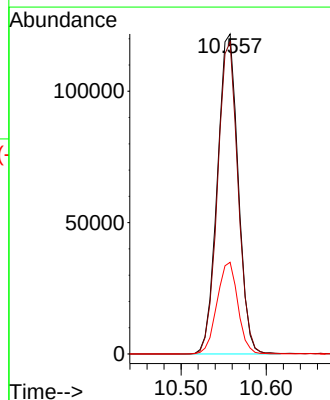
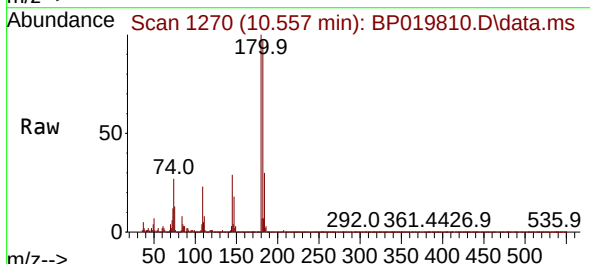
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MSD

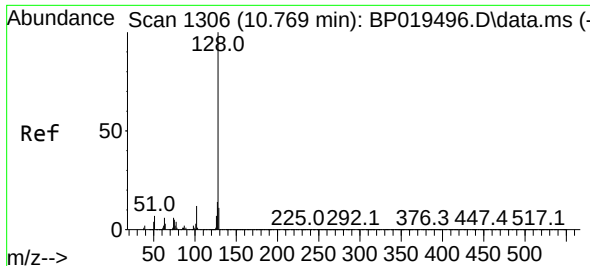
Tgt Ion:162 Resp: 183464
Ion Ratio Lower Upper
162 100
164 64.3 46.0 86.0
98 35.4 18.7 58.7



#30
1,2,4-Trichlorobenzene
Concen: 43.667 ng
RT: 10.557 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

Tgt Ion:180 Resp: 206347
Ion Ratio Lower Upper
180 100
182 97.5 77.0 115.6
145 28.6 23.2 34.8

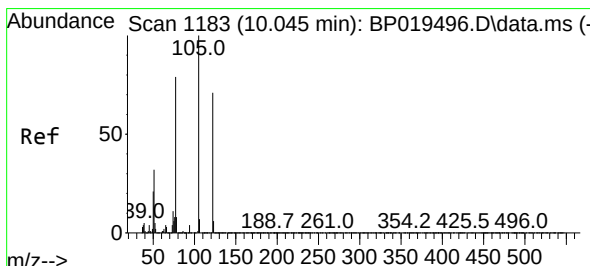
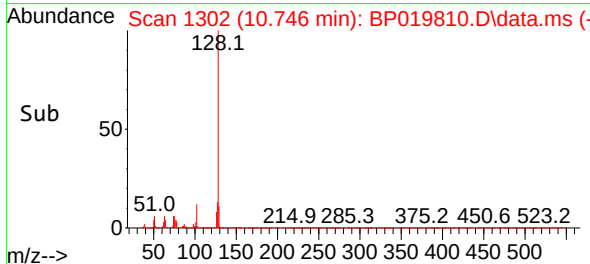
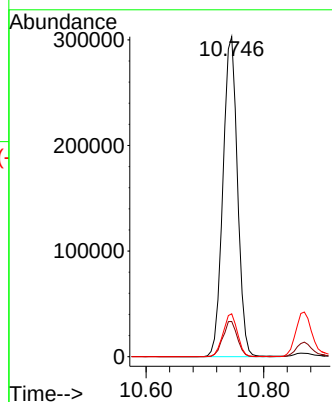
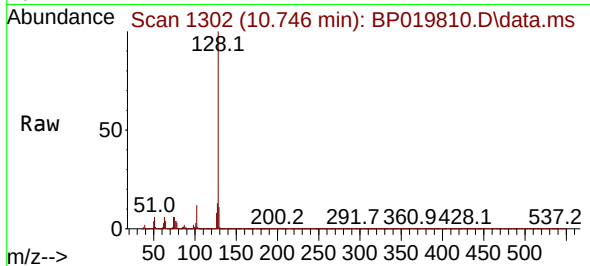




#31
Naphthalene
Concen: 42.138 ng
RT: 10.746 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

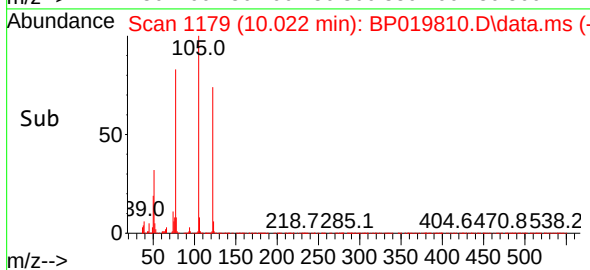
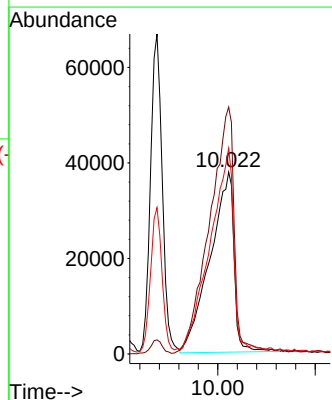
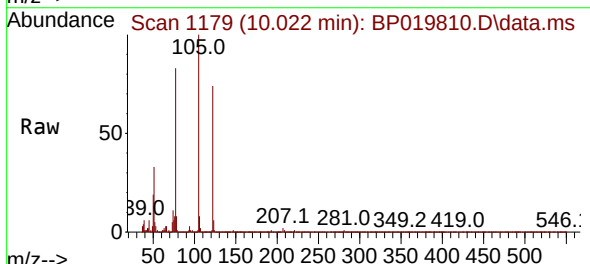
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MSD

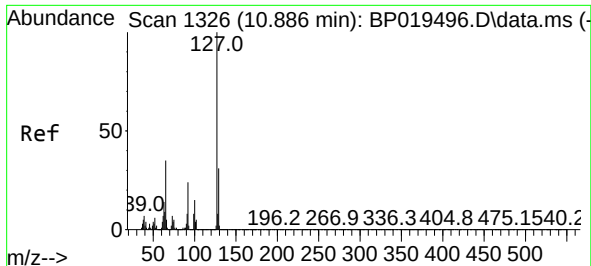
Tgt Ion:128 Resp: 520108
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 51.940 ng
RT: 10.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

Tgt Ion:122 Resp: 129021
Ion Ratio Lower Upper
122 100
105 135.7 118.8 158.8
77 113.0 91.7 131.7

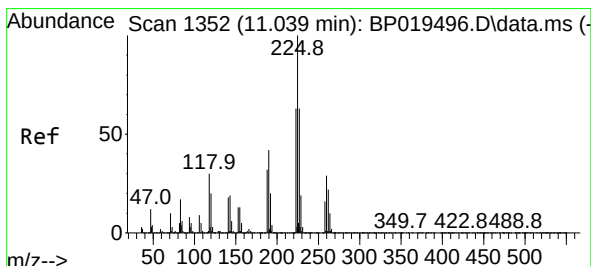
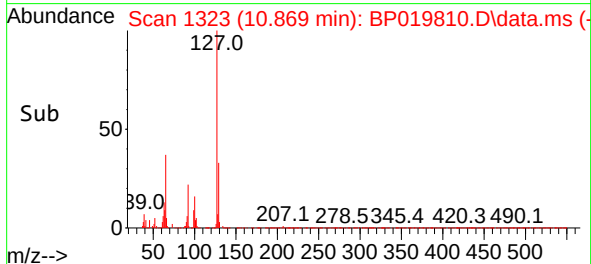
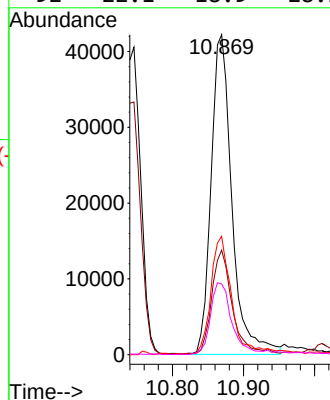
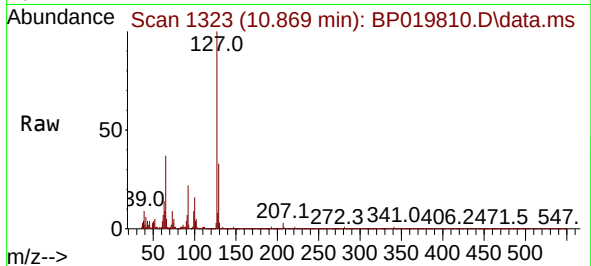




#33
4-Chloroaniline
Concen: 18.808 ng
RT: 10.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

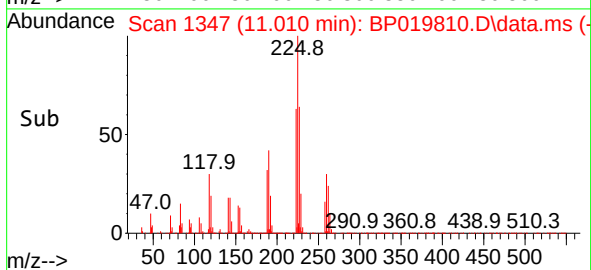
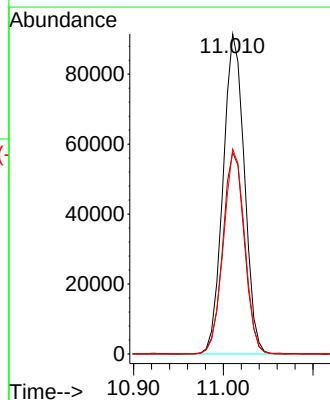
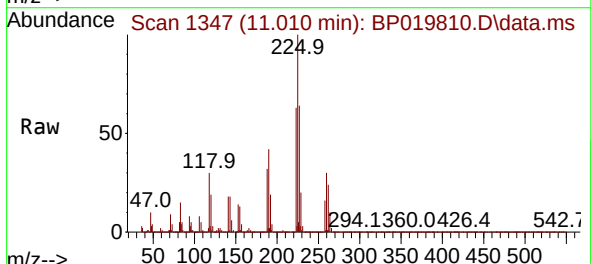
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MSD

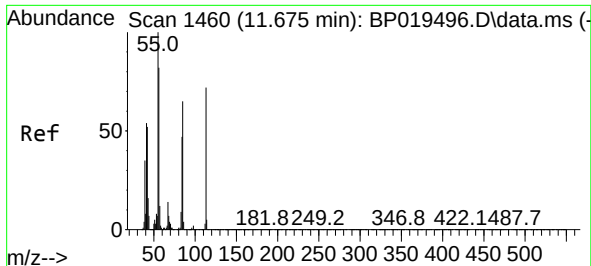
Tgt Ion:	127	Resp:	85853
Ion	Ratio	Lower	Upper
127	100		
129	32.6	24.6	36.8
65	37.0	28.2	42.4
92	22.1	18.9	28.3



#34
Hexachlorobutadiene
Concen: 42.969 ng
RT: 11.010 min Scan# 1347
Delta R.T. -0.012 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

Tgt Ion:	225	Resp:	150469
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.5	75.7
227	64.0	50.2	75.2

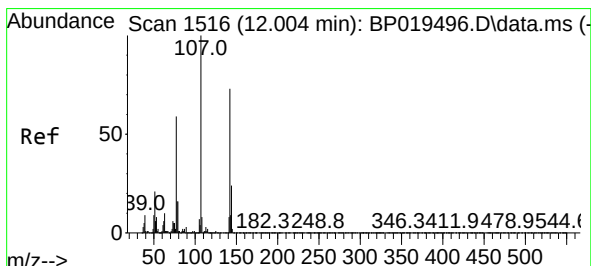
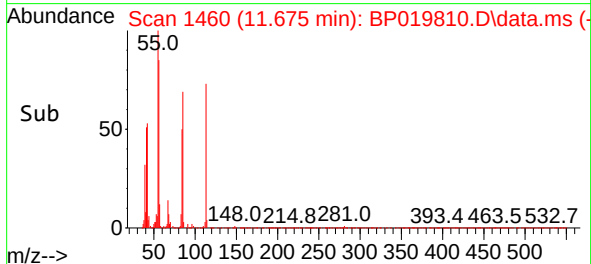
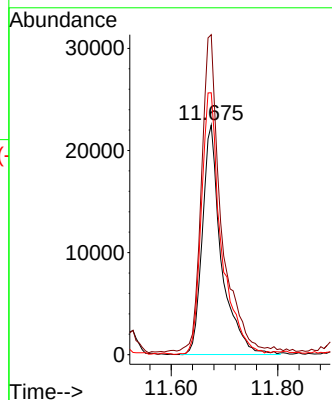
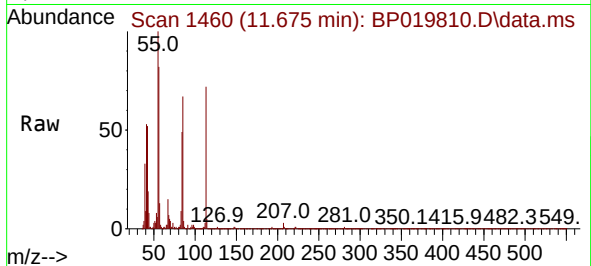




#35
Caprolactam
Concen: 51.081 ng
RT: 11.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

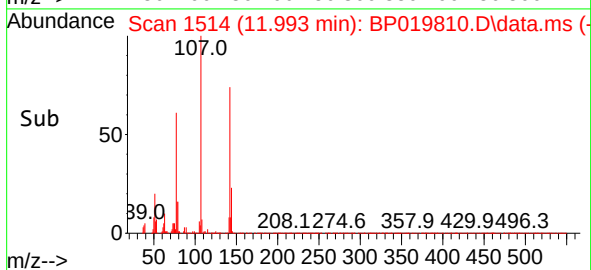
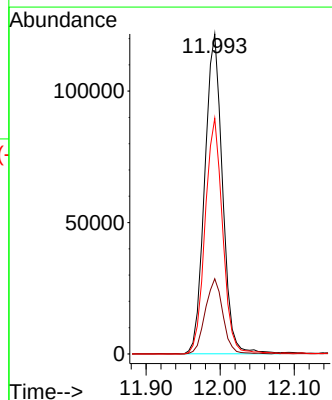
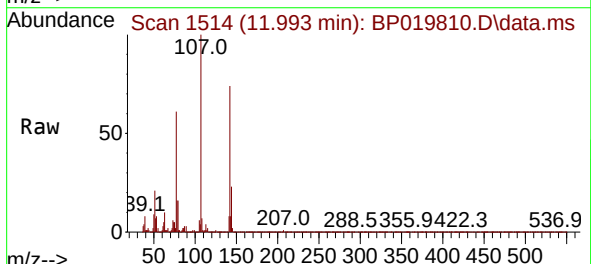
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MSD

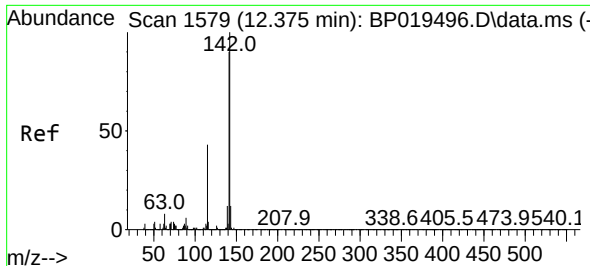
Tgt Ion	113	Resp	55732
Ion	Ratio	Lower	Upper
113	100		
55	139.4	120.0	160.0
56	114.1	94.0	134.0



#36
4-Chloro-3-methylphenol
Concen: 48.144 ng
RT: 11.993 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

Tgt Ion	107	Resp	202320
Ion	Ratio	Lower	Upper
107	100		
144	23.5	19.0	28.4
142	73.7	58.6	88.0

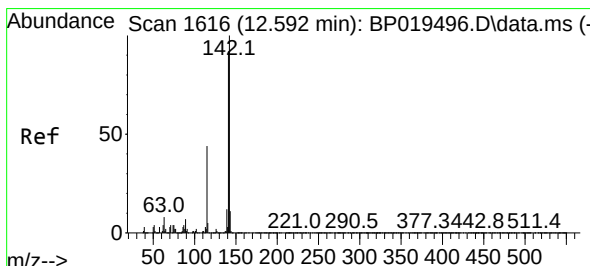
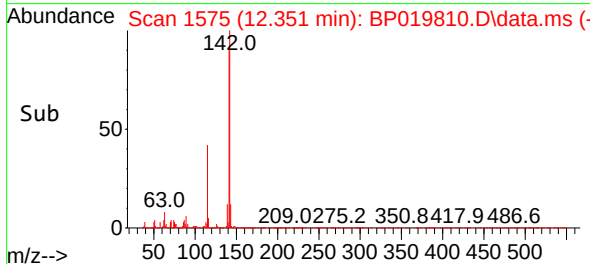
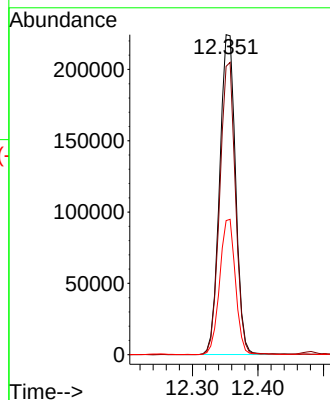
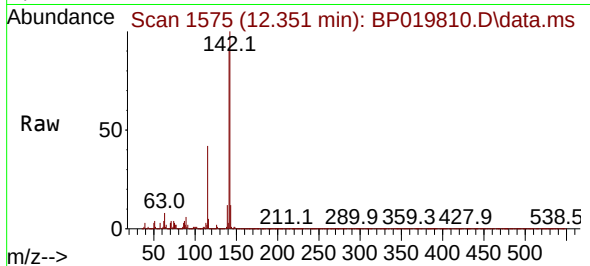




#37
2-Methylnaphthalene
Concen: 44.102 ng
RT: 12.351 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

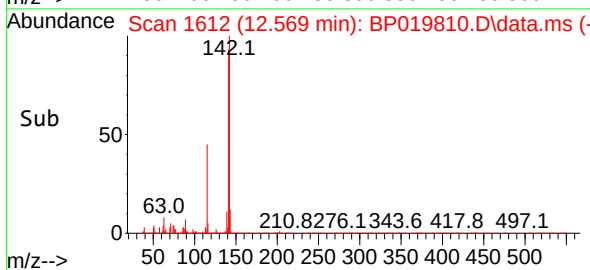
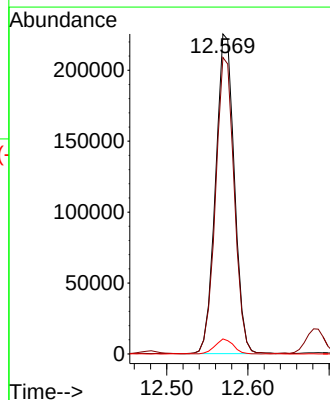
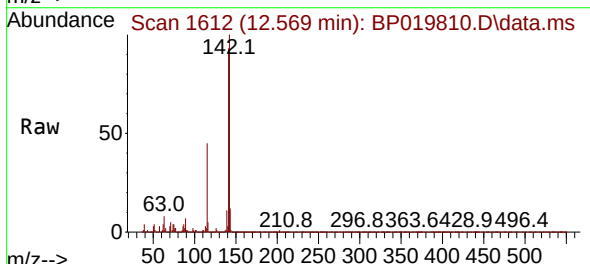
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MSD

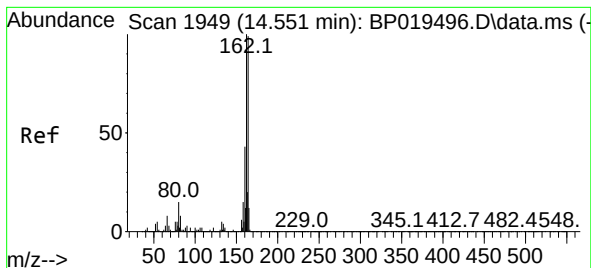
Tgt Ion:142 Resp: 376717
Ion Ratio Lower Upper
142 100
141 90.1 72.2 108.4
115 41.9 34.2 51.2



#38
1-Methylnaphthalene
Concen: 43.124 ng
RT: 12.569 min Scan# 1612
Delta R.T. -0.012 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

Tgt Ion:142 Resp: 361989
Ion Ratio Lower Upper
142 100
141 92.7 74.0 111.0
116 4.7 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.528 min Scan# 1945

Delta R.T. -0.012 min

Lab File: BP019810.D

Acq: 21 Feb 2024 16:20

Instrument :

BNA_P

ClientSampleId :

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

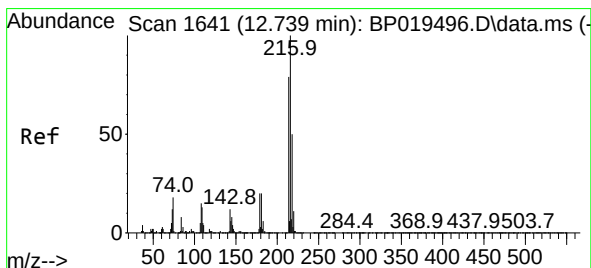
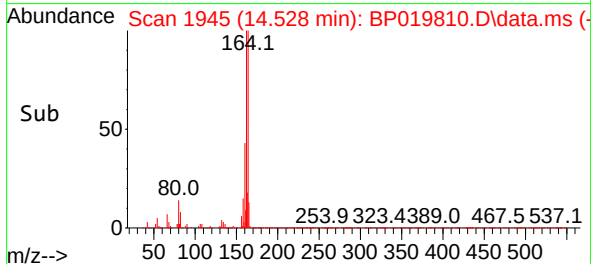
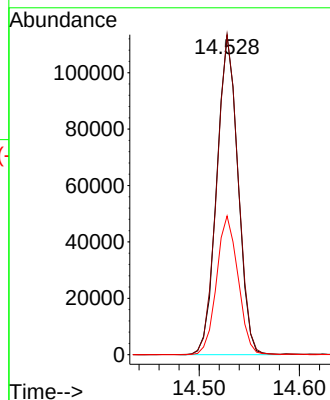
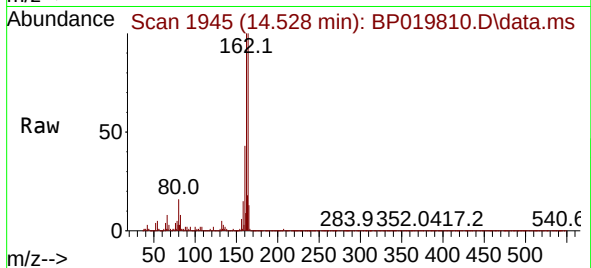
Tgt Ion:164 Resp: 166007

Ion Ratio Lower Upper

164 100

162 100.3 81.2 121.8

160 43.5 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.020 ng

RT: 12.716 min Scan# 1637

Delta R.T. -0.012 min

Lab File: BP019810.D

Acq: 21 Feb 2024 16:20

Tgt Ion:216 Resp: 269025

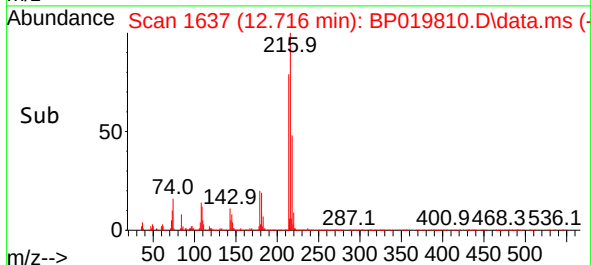
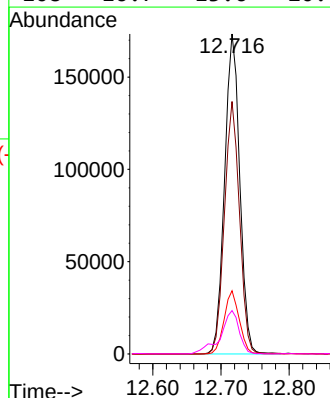
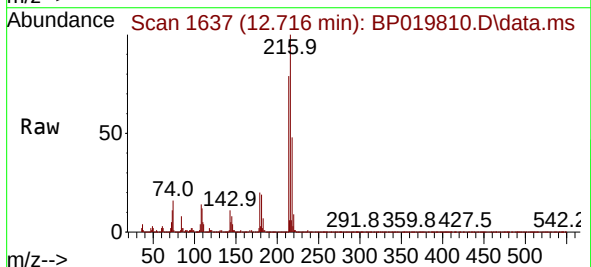
Ion Ratio Lower Upper

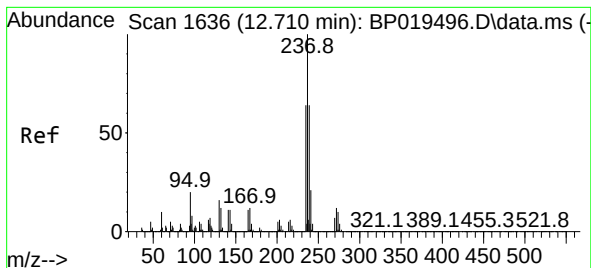
216 100

214 78.1 62.8 94.2

179 19.7 16.6 24.8

108 16.7 13.6 20.4





#41

Hexachlorocyclopentadiene

Concen: 99.733 ng

RT: 12.681 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP019810.D

Acq: 21 Feb 2024 16:20

Instrument :

BNA_P

ClientSampleId :

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

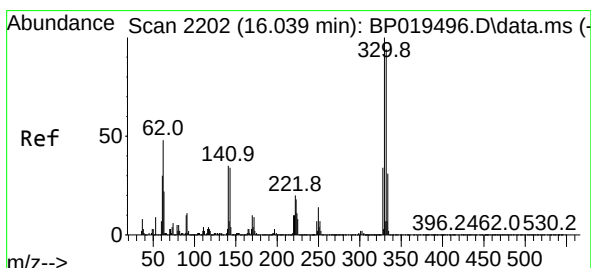
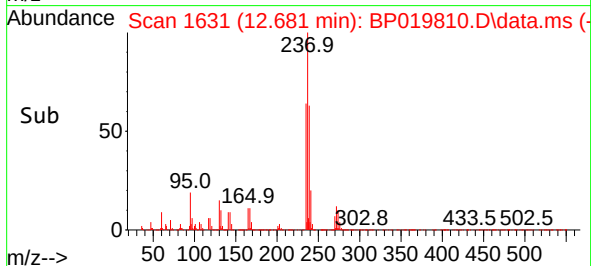
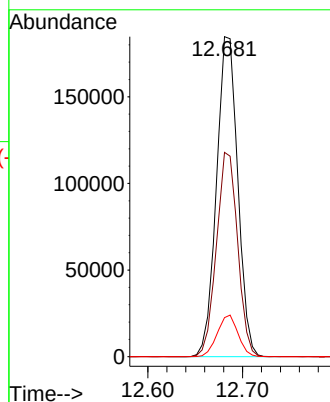
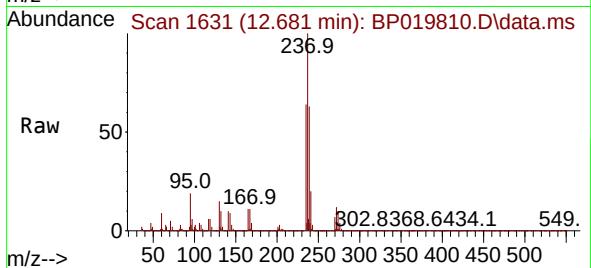
Tgt Ion:237 Resp: 288449

Ion Ratio Lower Upper

237 100

235 63.8 43.7 83.7

272 12.2 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 120.063 ng

RT: 16.022 min Scan# 2199

Delta R.T. -0.012 min

Lab File: BP019810.D

Acq: 21 Feb 2024 16:20

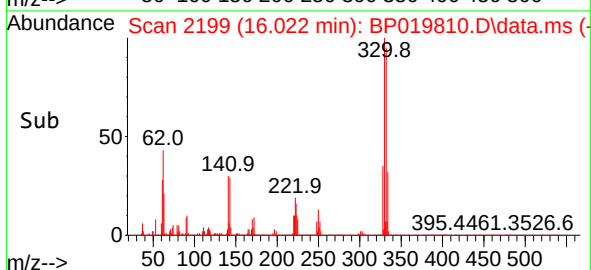
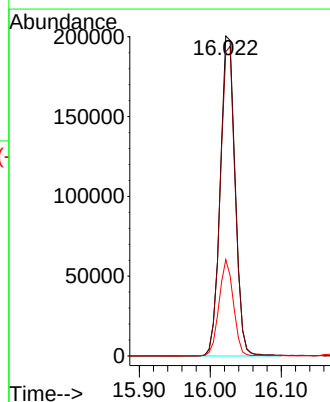
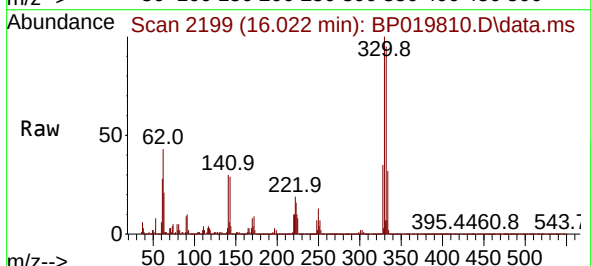
Tgt Ion:330 Resp: 291012

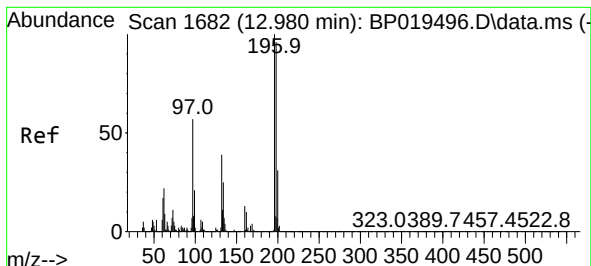
Ion Ratio Lower Upper

330 100

332 97.0 77.2 115.8

141 29.0 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 44.947 ng

RT: 12.963 min Scan# 1679

Delta R.T. -0.012 min

Lab File: BP019810.D

Acq: 21 Feb 2024 16:20

Instrument :

BNA_P

ClientSampleId :

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

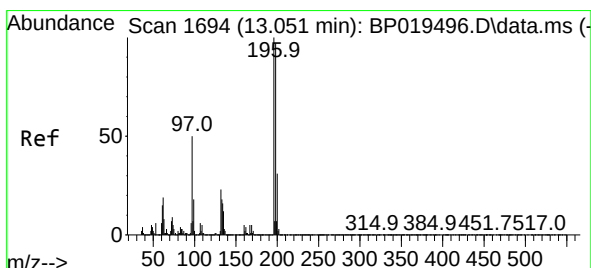
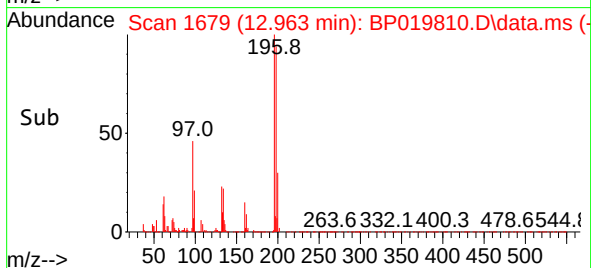
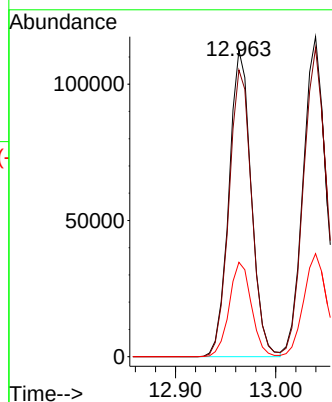
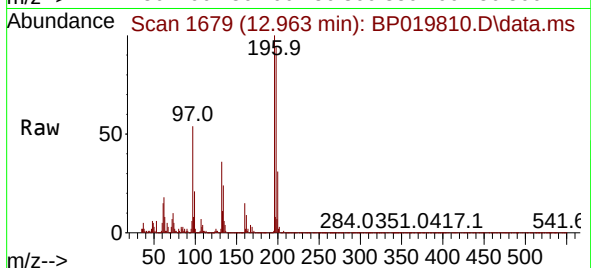
Tgt Ion:196 Resp: 174247

Ion Ratio Lower Upper

196 100

198 93.6 76.7 115.1

200 30.8 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 44.544 ng

RT: 13.040 min Scan# 1692

Delta R.T. -0.006 min

Lab File: BP019810.D

Acq: 21 Feb 2024 16:20

Tgt Ion:196 Resp: 189620

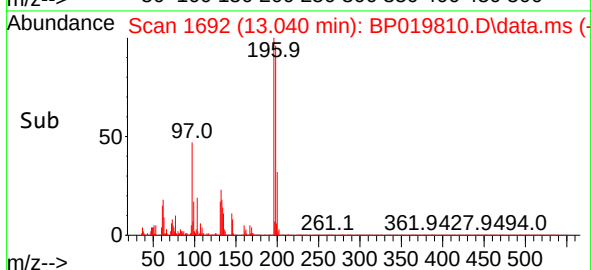
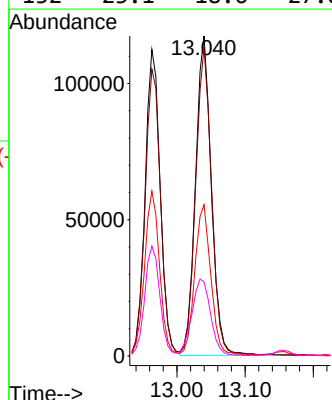
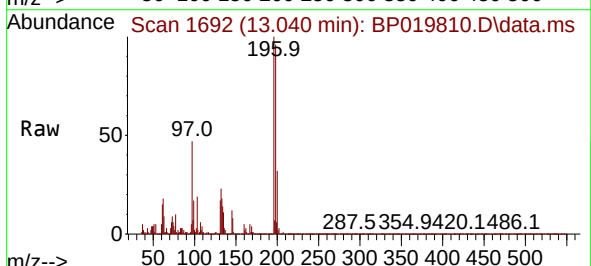
Ion Ratio Lower Upper

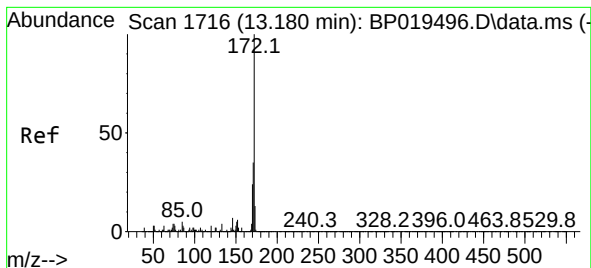
196 100

198 96.5 77.5 116.3

97 47.3 39.9 59.9

132 23.1 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 53.058 ng

RT: 13.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019810.D

Acq: 21 Feb 2024 16:20

Instrument :

BNA_P

ClientSampleId :

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

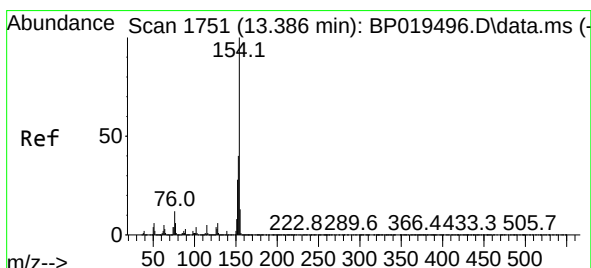
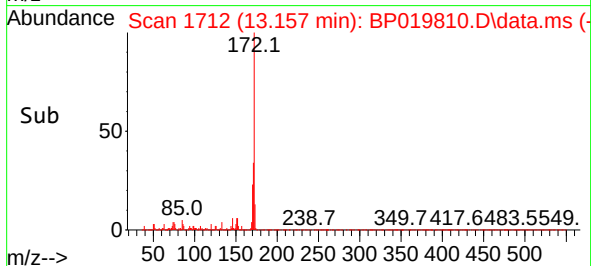
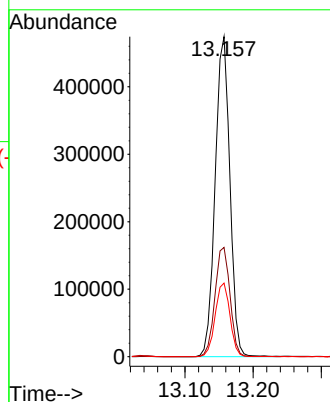
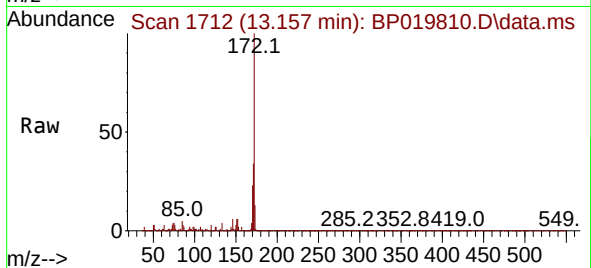
Tgt Ion:172 Resp: 712487

Ion Ratio Lower Upper

172 100

171 34.2 28.2 42.4

170 23.0 18.9 28.3



#46

1,1'-Biphenyl

Concen: 40.273 ng

RT: 13.369 min Scan# 1748

Delta R.T. -0.006 min

Lab File: BP019810.D

Acq: 21 Feb 2024 16:20

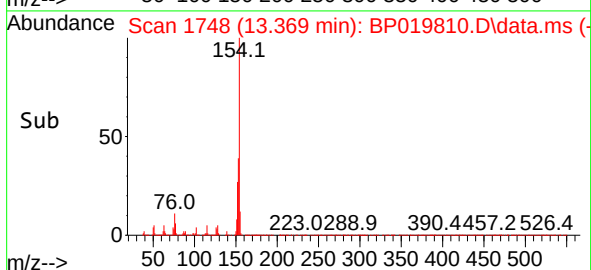
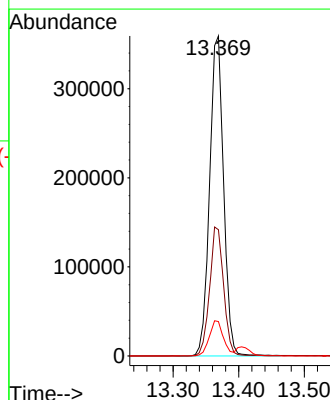
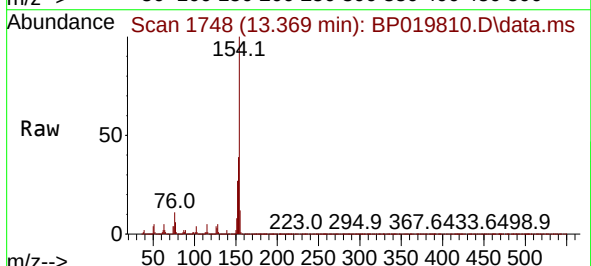
Tgt Ion:154 Resp: 533596

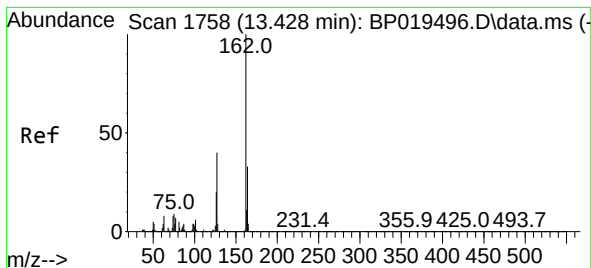
Ion Ratio Lower Upper

154 100

153 39.4 20.2 60.2

76 10.7 0.0 31.6





#47

2-Chloronaphthalene

Concen: 38.830 ng

RT: 13.404 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP019810.D

Acq: 21 Feb 2024 16:20

Instrument :

BNA_P

ClientSampleId :

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

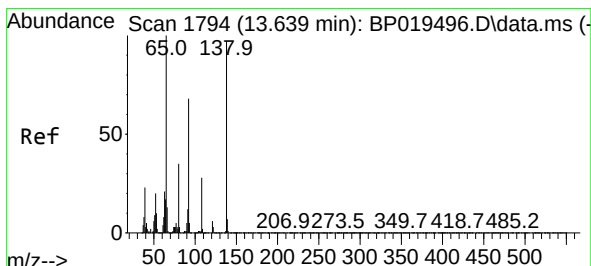
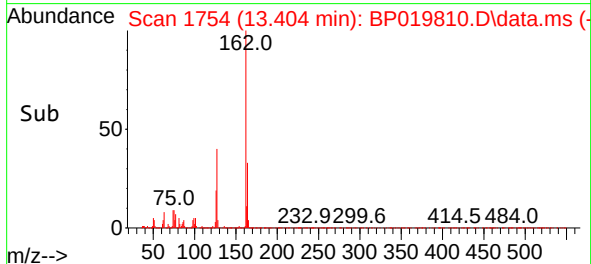
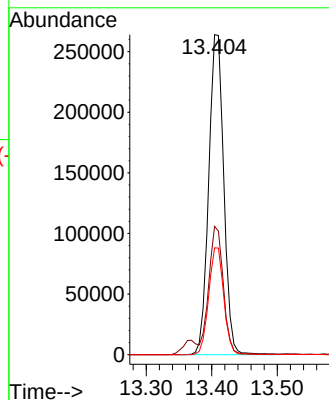
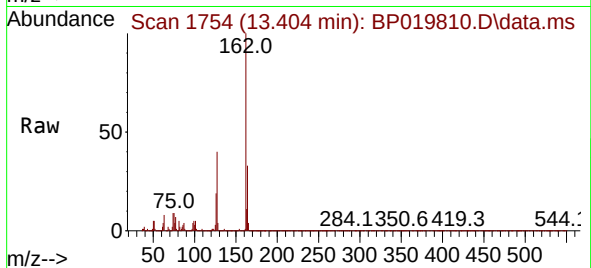
Tgt Ion:162 Resp: 422334

Ion Ratio Lower Upper

162 100

127 40.1 32.1 48.1

164 33.4 26.7 40.1



#48

2-Nitroaniline

Concen: 44.258 ng

RT: 13.622 min Scan# 1791

Delta R.T. -0.006 min

Lab File: BP019810.D

Acq: 21 Feb 2024 16:20

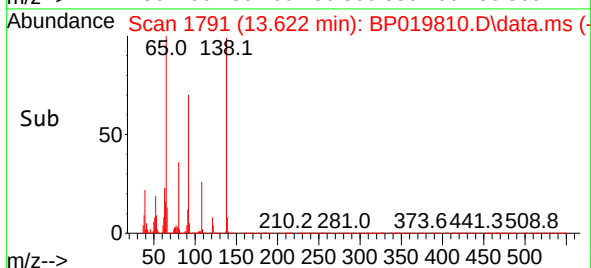
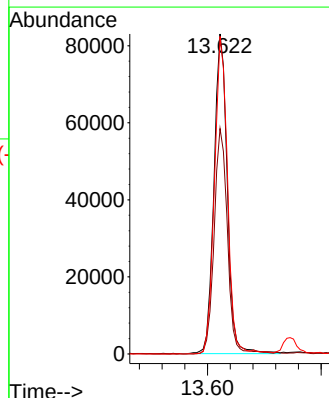
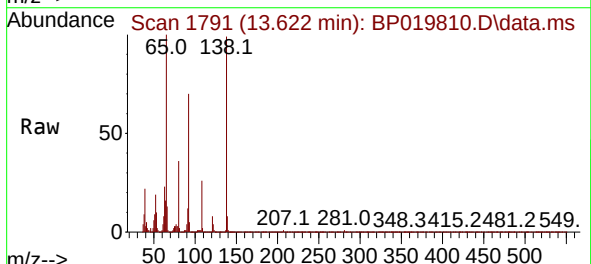
Tgt Ion: 65 Resp: 134600

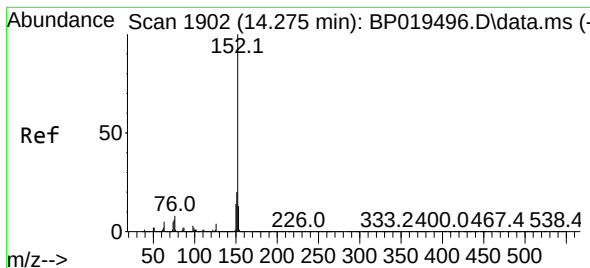
Ion Ratio Lower Upper

65 100

92 70.5 54.7 82.1

138 99.3 77.8 116.6





#49

Acenaphthylene

Concen: 44.464 ng

RT: 14.251 min Scan# 1898

Delta R.T. -0.012 min

Lab File: BP019810.D

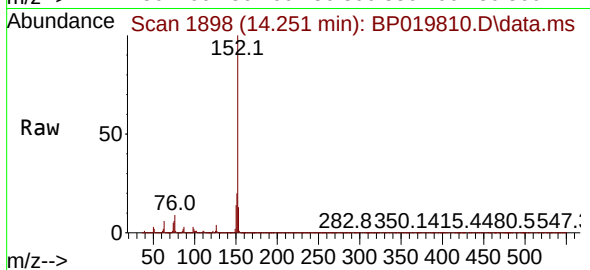
Acq: 21 Feb 2024 16:20

Instrument :

BNA_P

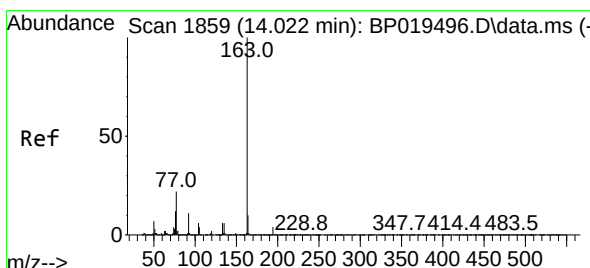
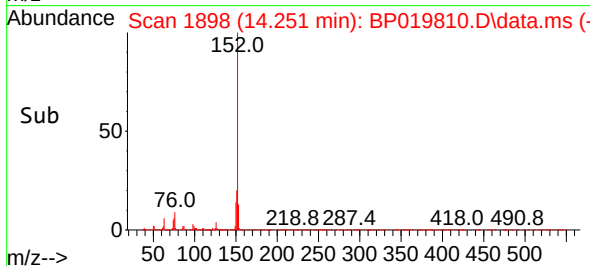
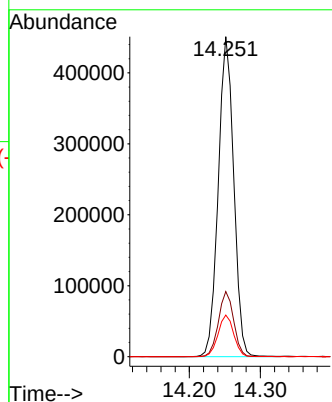
ClientSampleId :

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



Tgt Ion:152 Resp: 678475

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.8	23.6
153	13.0	10.6	15.8



#50

Dimethylphthalate

Concen: 43.974 ng

RT: 14.004 min Scan# 1856

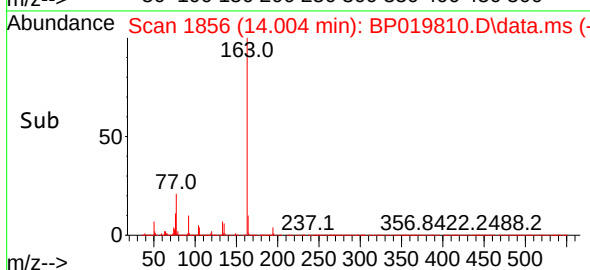
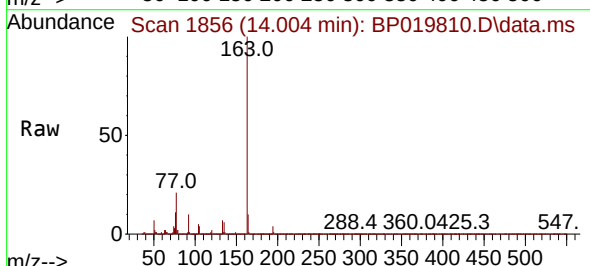
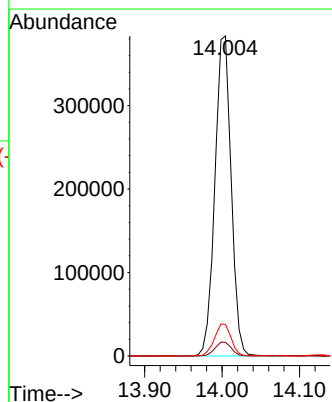
Delta R.T. -0.006 min

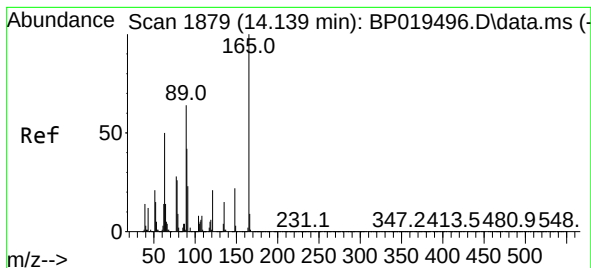
Lab File: BP019810.D

Acq: 21 Feb 2024 16:20

Tgt Ion:163 Resp: 558835

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	9.8	7.8	11.6





#51

2,6-Dinitrotoluene

Concen: 43.002 ng

RT: 14.122 min Scan# 1876

Delta R.T. -0.012 min

Lab File: BP019810.D

Acq: 21 Feb 2024 16:20

Instrument :

BNA_P

ClientSampleId :

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

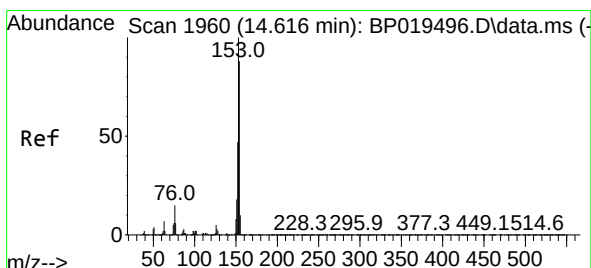
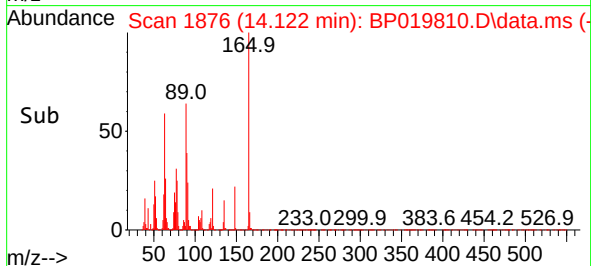
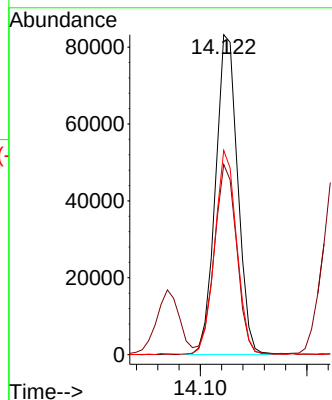
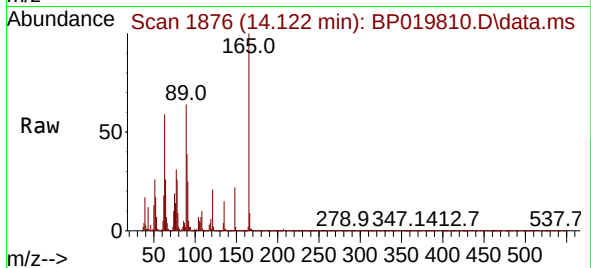
Tgt Ion:165 Resp: 120066

Ion Ratio Lower Upper

165 100

63 59.5 50.4 75.6

89 63.8 51.7 77.5



#52

Acenaphthene

Concen: 40.786 ng

RT: 14.593 min Scan# 1956

Delta R.T. -0.012 min

Lab File: BP019810.D

Acq: 21 Feb 2024 16:20

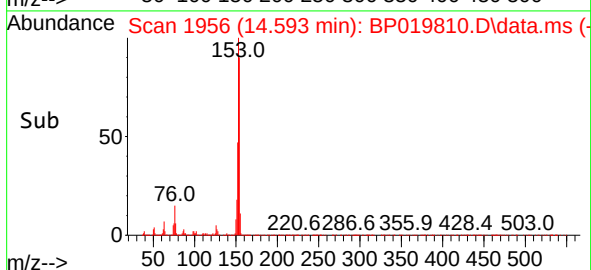
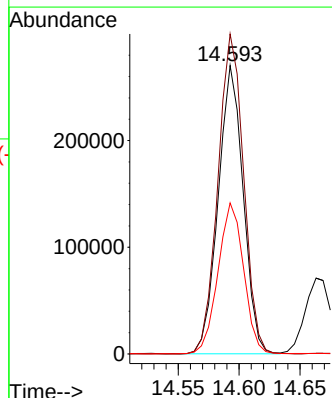
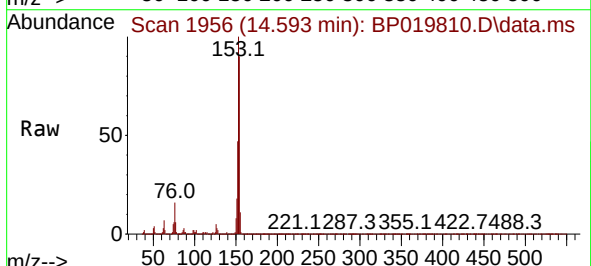
Tgt Ion:154 Resp: 386267

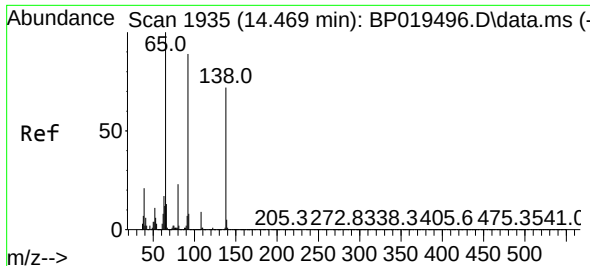
Ion Ratio Lower Upper

154 100

153 110.9 90.5 135.7

152 52.3 42.1 63.1

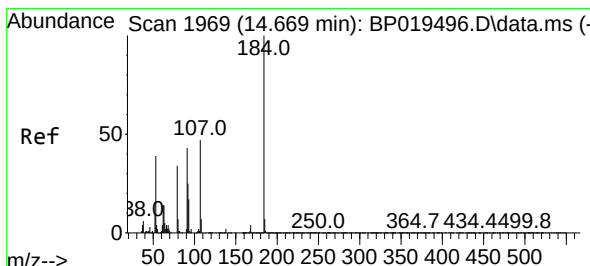
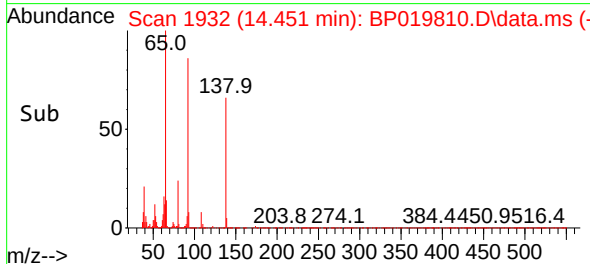
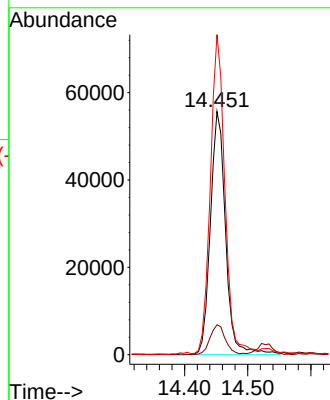
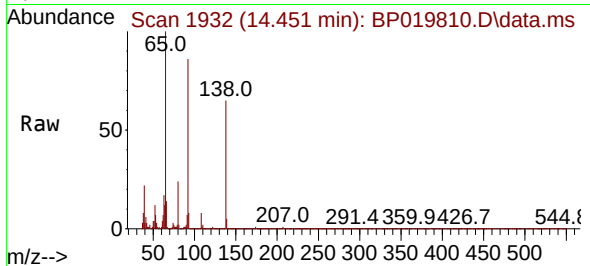




#53
3-Nitroaniline
Concen: 36.139 ng
RT: 14.451 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

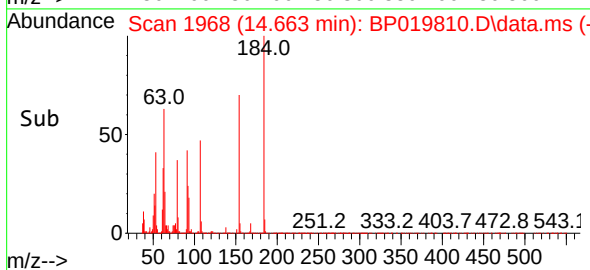
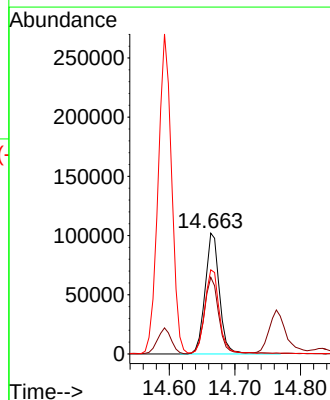
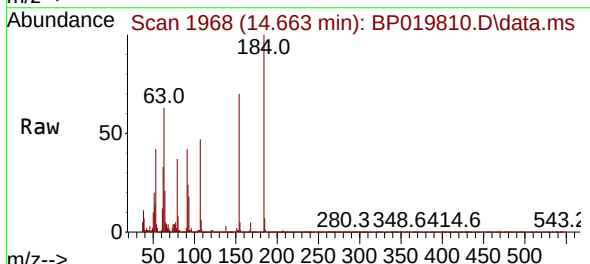
Instrument : BNA_P
ClientSampleId : 20240765-COMPOSITE-39N-N-3-03MSD

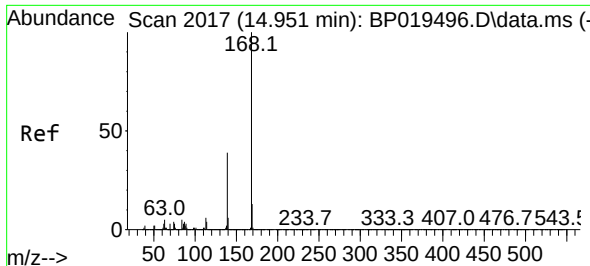
Tgt Ion:138 Resp: 92731
Ion Ratio Lower Upper
138 100
108 12.3 9.7 14.5
92 131.5 98.0 147.0



#54
2,4-Dinitrophenol
Concen: 107.936 ng
RT: 14.663 min Scan# 1968
Delta R.T. -0.012 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

Tgt Ion:184 Resp: 156474
Ion Ratio Lower Upper
184 100
63 63.5 50.5 75.7
154 69.7 53.4 80.0

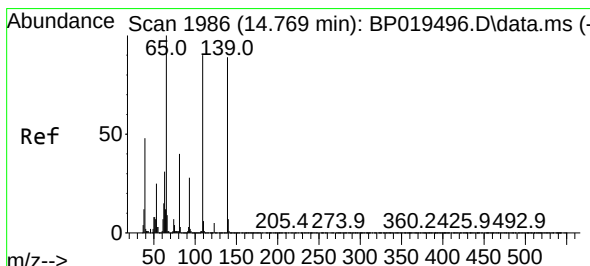
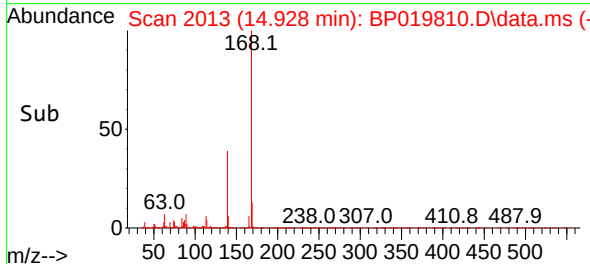
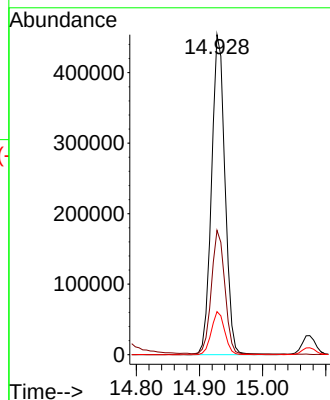
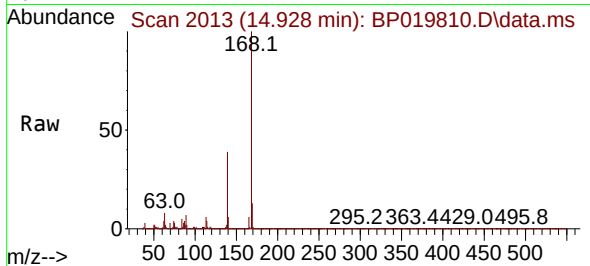




#55
Dibenzofuran
Concen: 43.495 ng
RT: 14.928 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

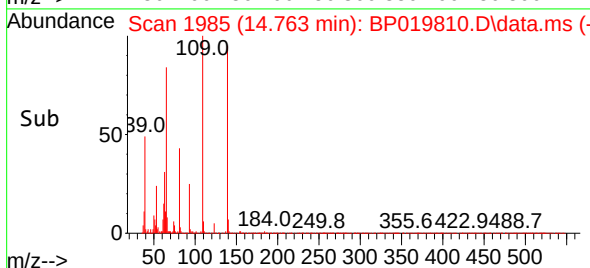
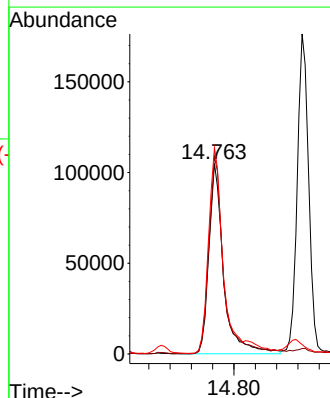
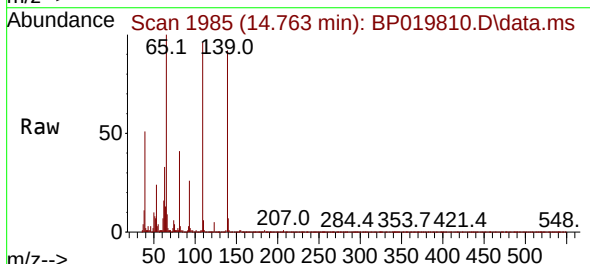
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MSD

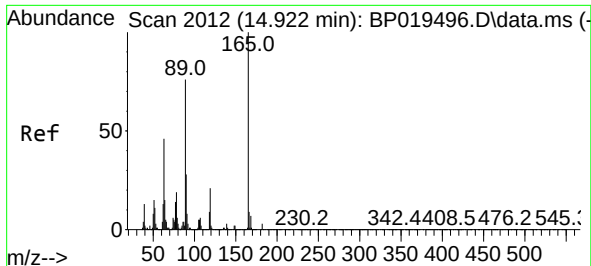
Tgt Ion:168 Resp: 670902
Ion Ratio Lower Upper
168 100
139 38.9 31.5 47.3
169 13.5 10.3 15.5



#56
4-Nitrophenol
Concen: 95.333 ng
RT: 14.763 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

Tgt Ion:139 Resp: 200499
Ion Ratio Lower Upper
139 100
109 103.9 82.0 122.0
65 108.3 92.9 132.9

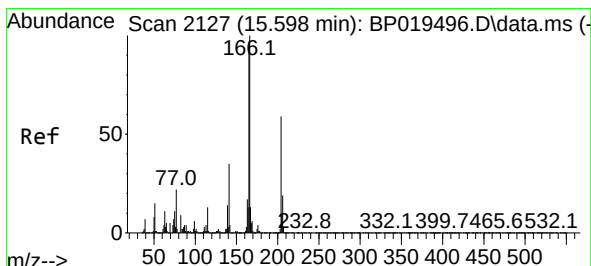
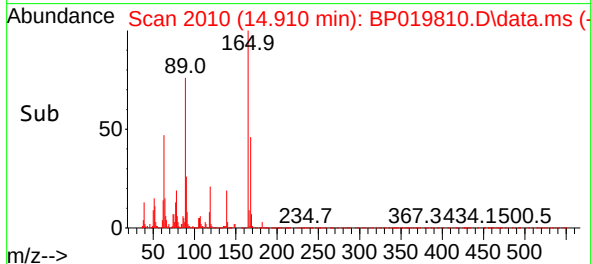
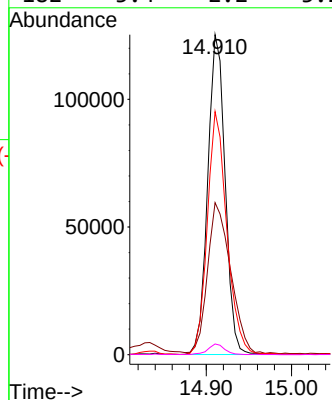
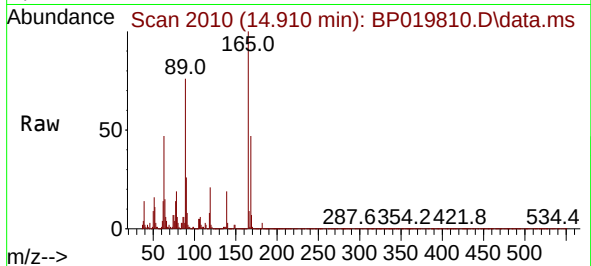




#57
2,4-Dinitrotoluene
Concen: 48.525 ng
RT: 14.910 min Scan# 2012
Delta R.T. -0.012 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

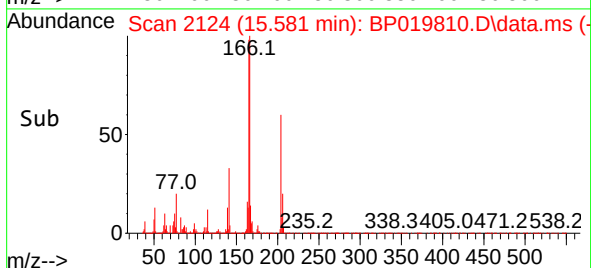
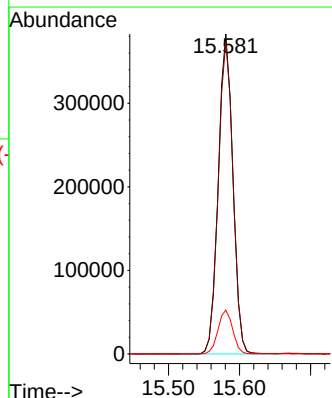
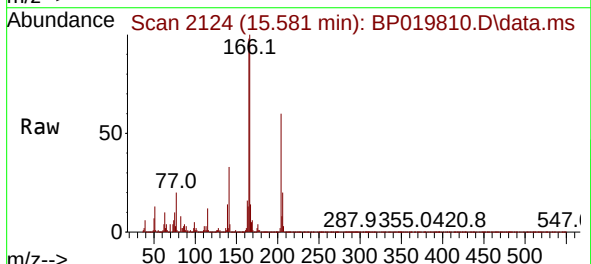
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MSD

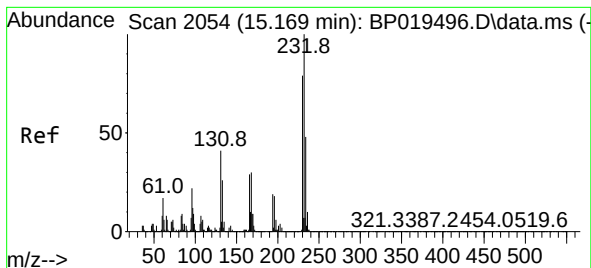
Tgt Ion:165 Resp: 177549
Ion Ratio Lower Upper
165 100
63 47.5 36.9 55.3
89 76.0 61.1 91.7
182 3.4 2.2 3.2#



#58
Fluorene
Concen: 44.356 ng
RT: 15.581 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

Tgt Ion:166 Resp: 544937
Ion Ratio Lower Upper
166 100
165 97.5 77.8 116.8
167 13.7 10.7 16.1

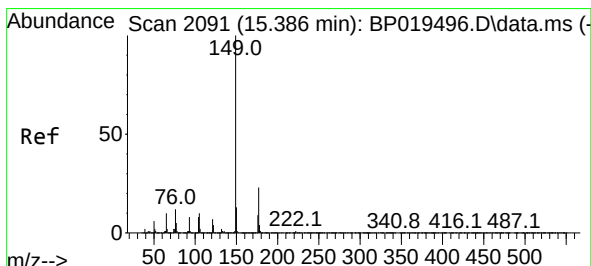
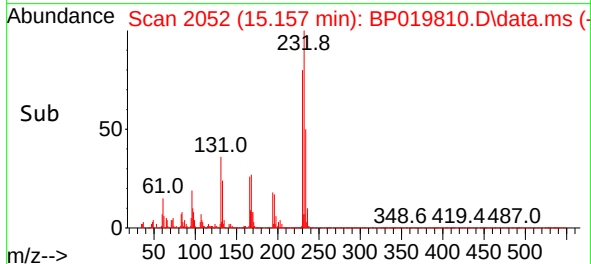
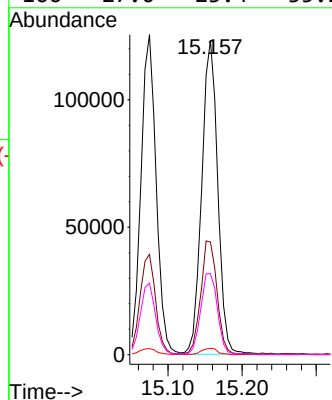
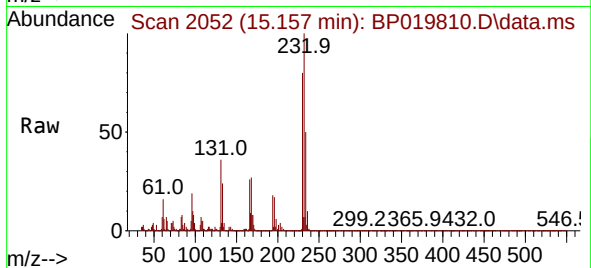




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.467 ng
RT: 15.157 min Scan# 2052
Delta R.T. -0.006 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

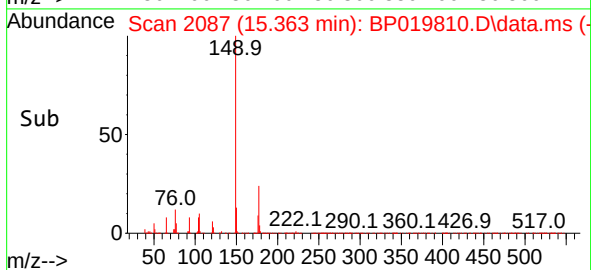
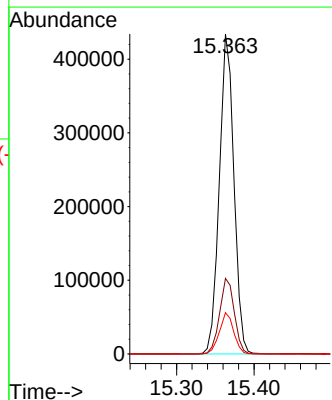
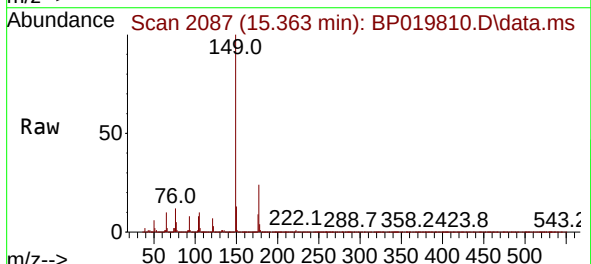
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MSD

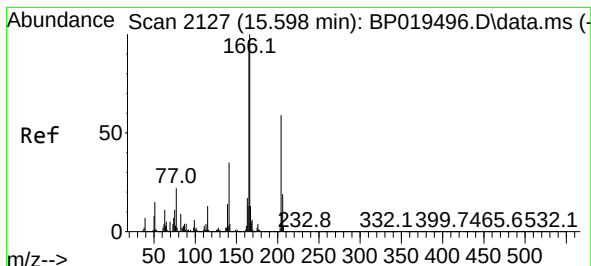
Tgt Ion:	232	Resp:	184285
Ion	Ratio	Lower	Upper
232	100		
131	36.8	32.4	48.6
130	2.1	1.9	2.9
166	27.0	23.4	35.2



#60
Diethylphthalate
Concen: 44.871 ng
RT: 15.363 min Scan# 2087
Delta R.T. -0.012 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

Tgt Ion:	149	Resp:	567187
Ion	Ratio	Lower	Upper
149	100		
177	23.6	18.2	27.2
150	12.9	10.2	15.4

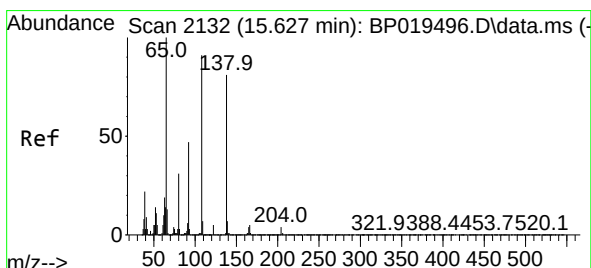
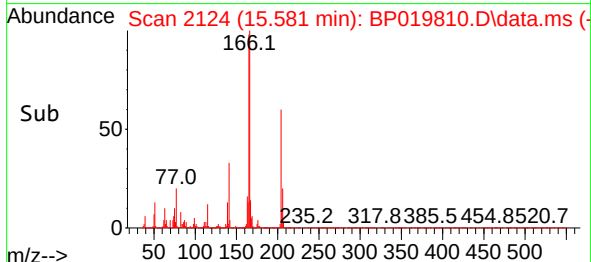
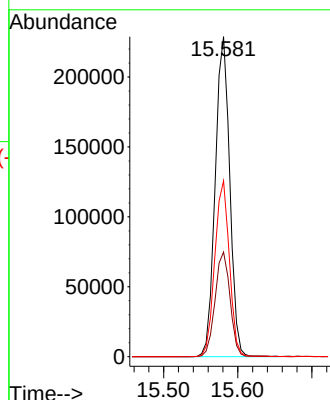
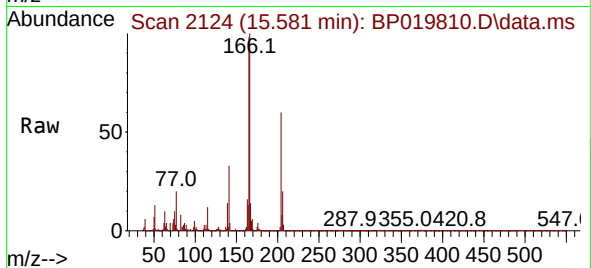




#61
4-Chlorophenyl-phenylether
Concen: 45.160 ng
RT: 15.581 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

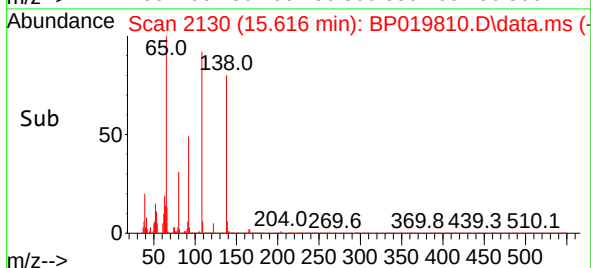
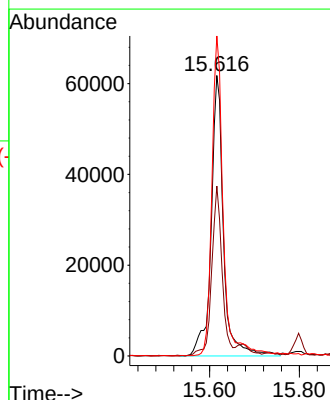
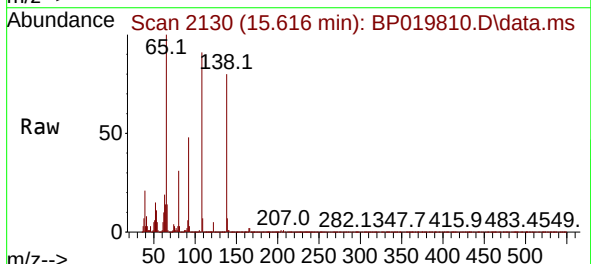
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MSD

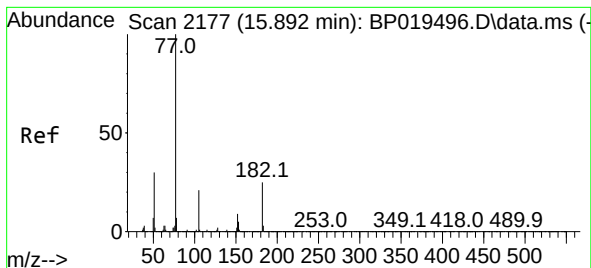
Tgt Ion:204 Resp: 311832
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 55.0 48.5 72.7



#62
4-Nitroaniline
Concen: 43.859 ng
RT: 15.616 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

Tgt Ion:138 Resp: 117963
Ion Ratio Lower Upper
138 100
92 60.6 38.3 78.3
108 114.1 91.2 131.2





#63

Azobenzene

Concen: 42.567 ng

RT: 15.875 min Scan# 2177

Delta R.T. -0.006 min

Lab File: BP019810.D

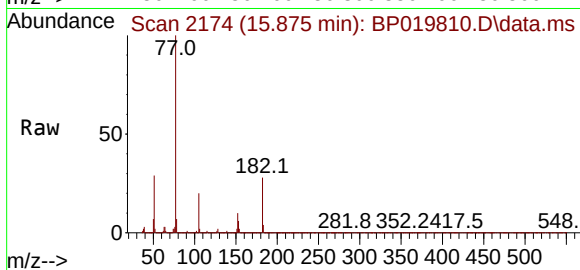
Acq: 21 Feb 2024 16:20

Instrument :

BNA_P

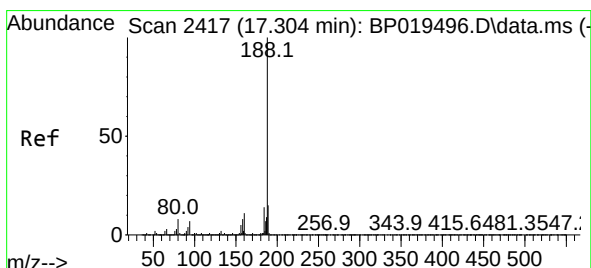
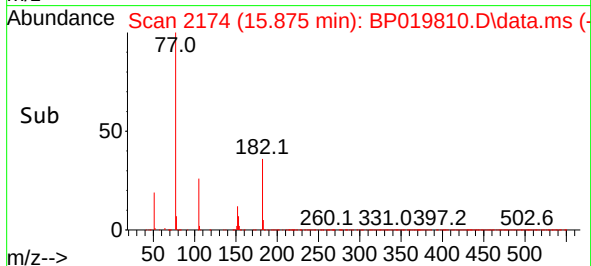
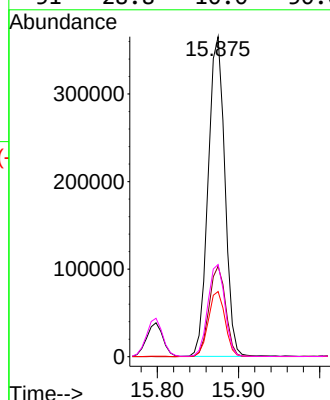
ClientSampleId :

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



Tgt Ion: 77 Resp: 520308

Ion	Ratio	Lower	Upper
77	100		
182	28.2	5.1	45.1
105	20.3	0.8	40.8
51	28.8	10.0	50.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.287 min Scan# 2414

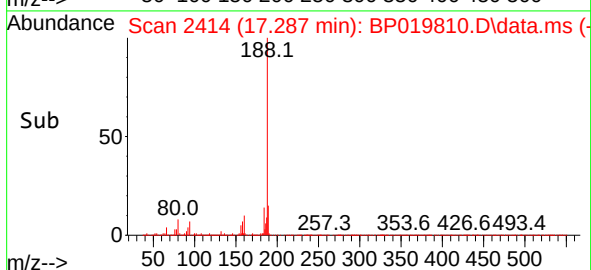
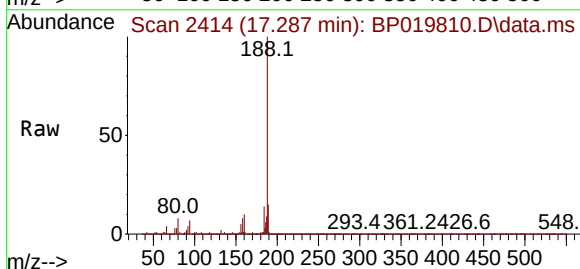
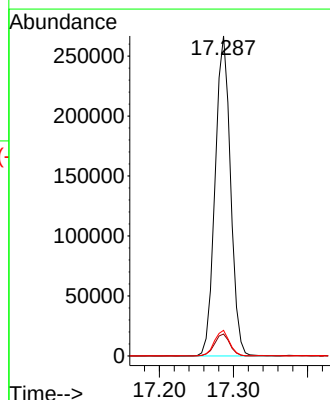
Delta R.T. -0.006 min

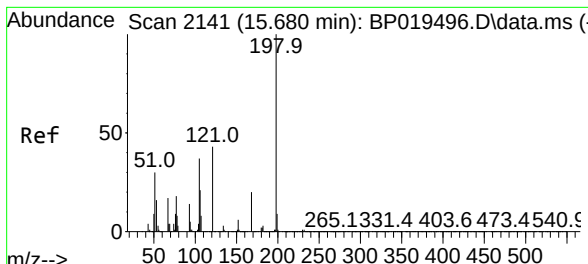
Lab File: BP019810.D

Acq: 21 Feb 2024 16:20

Tgt Ion: 188 Resp: 384377

Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.4	8.2
80	8.0	6.3	9.5

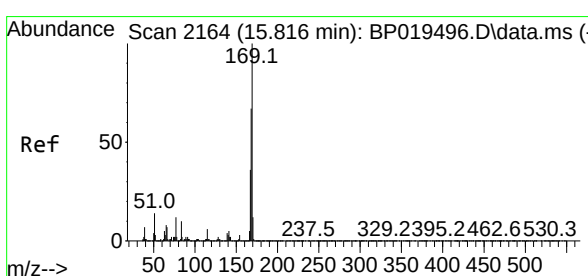
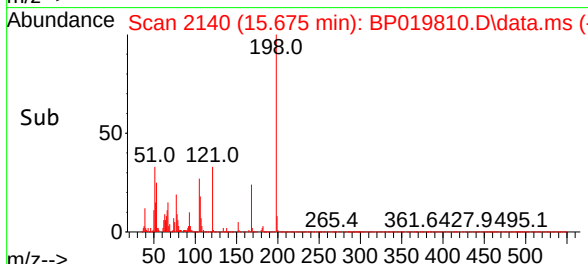
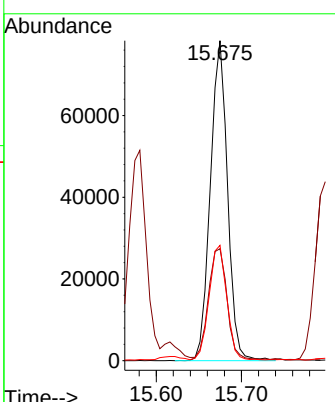
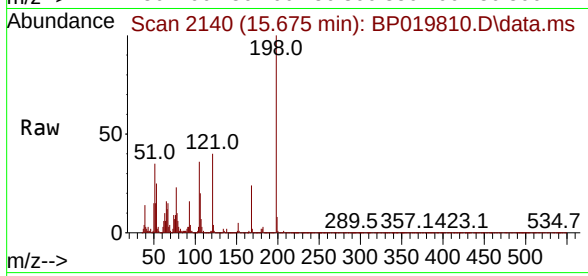




#65
 4,6-Dinitro-2-methylphenol
 Concen: 50.115 ng
 RT: 15.675 min Scan# 2140
 Delta R.T. -0.006 min
 Lab File: BP019810.D
 Acq: 21 Feb 2024 16:20

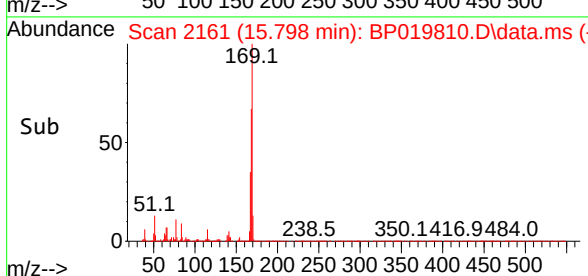
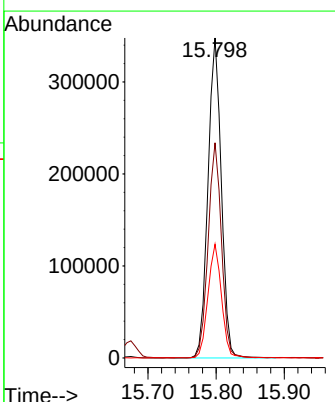
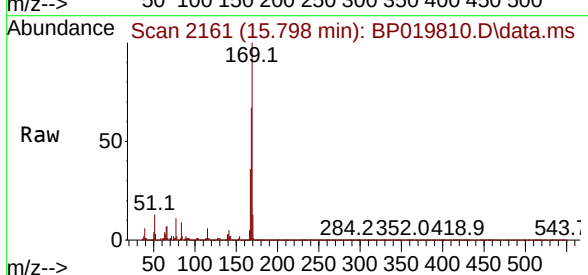
Instrument : BNA_P
 ClientSampleId : 20240765-COMPOSITE-39N-N-3-03MSD

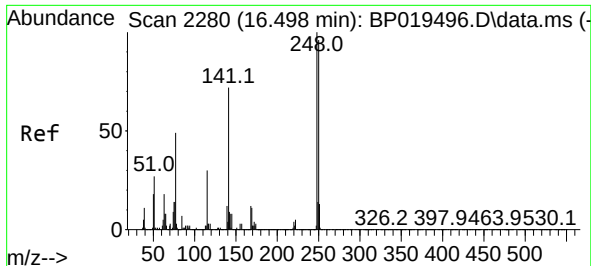
Tgt Ion:	198	Resp:	109839
Ion Ratio	Lower	Upper	
198	100		
51	35.0	21.2	61.2
105	36.1	19.1	59.1



#66
 n-Nitrosodiphenylamine
 Concen: 41.138 ng
 RT: 15.798 min Scan# 2161
 Delta R.T. -0.006 min
 Lab File: BP019810.D
 Acq: 21 Feb 2024 16:20

Tgt Ion:	169	Resp:	473571
Ion Ratio	Lower	Upper	
169	100		
168	67.2	53.4	80.2
167	35.5	28.9	43.3

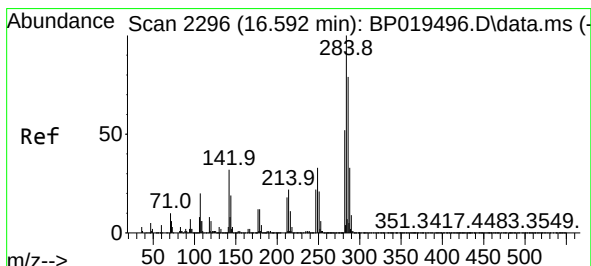
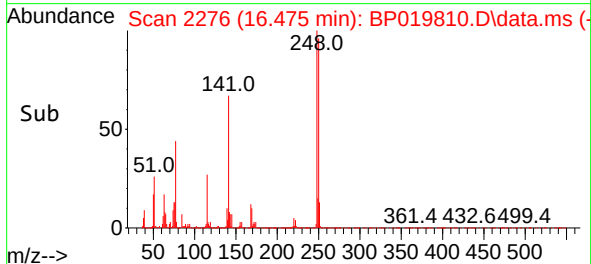
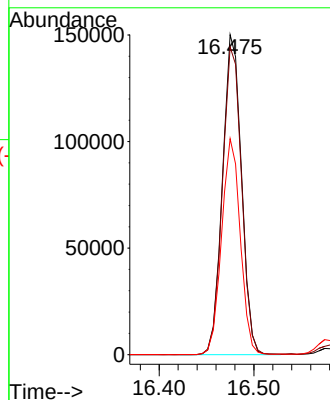
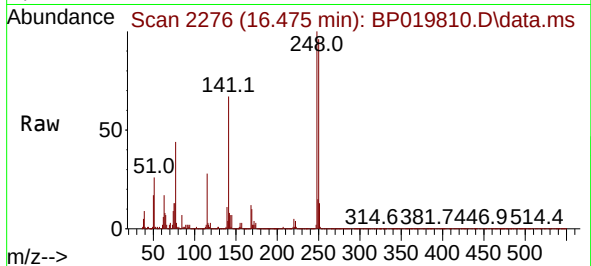




#67
4-Bromophenyl-phenylether
Concen: 43.532 ng
RT: 16.475 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

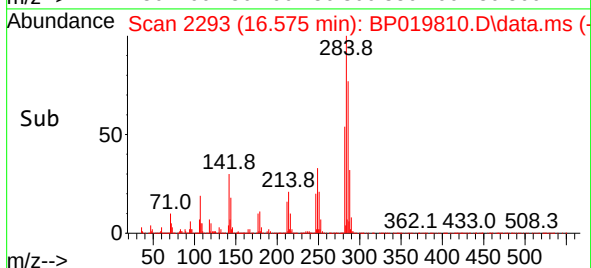
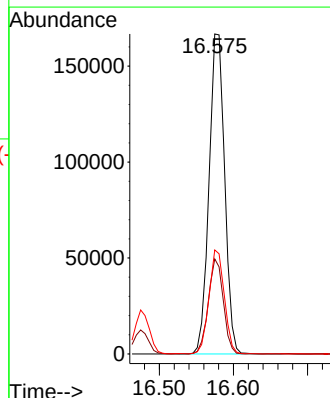
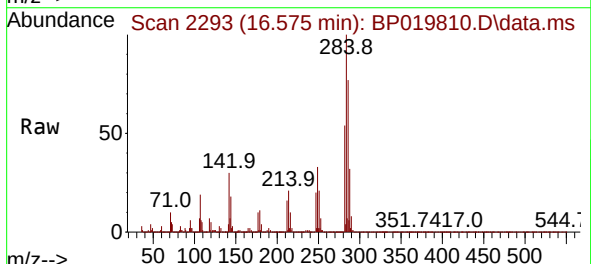
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MSD

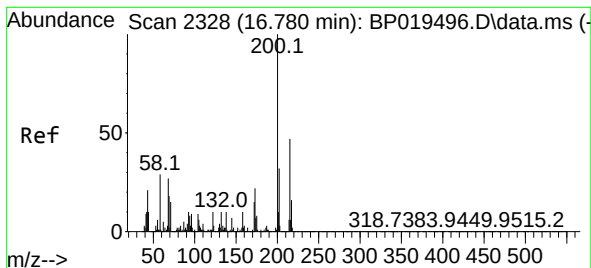
Tgt Ion:248 Resp: 209179
Ion Ratio Lower Upper
248 100
250 96.2 76.9 115.3
141 67.5 58.0 87.0



#68
Hexachlorobenzene
Concen: 43.501 ng
RT: 16.575 min Scan# 2293
Delta R.T. -0.012 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

Tgt Ion:284 Resp: 244098
Ion Ratio Lower Upper
284 100
142 29.7 25.4 38.2
249 32.5 26.5 39.7





#69

Atrazine

Concen: 53.409 ng

RT: 16.763 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019810.D

Acq: 21 Feb 2024 16:20

Instrument :

BNA_P

ClientSampleId :

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

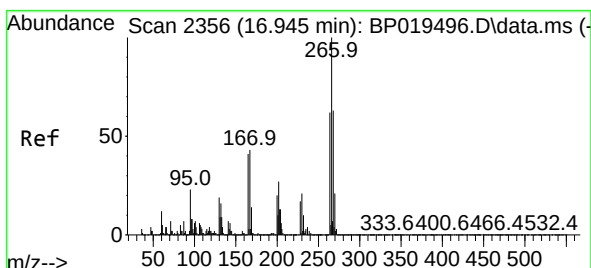
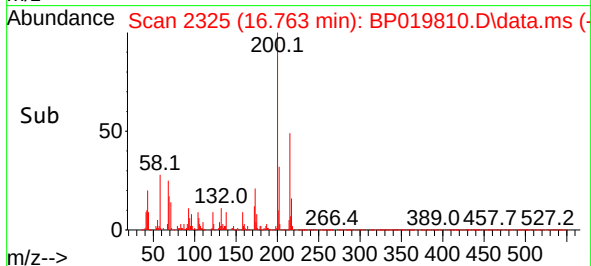
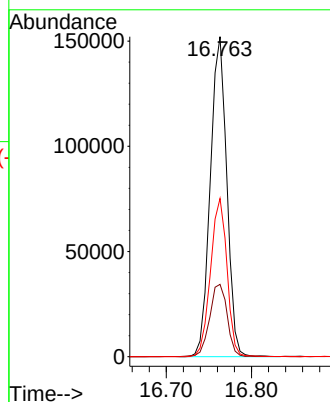
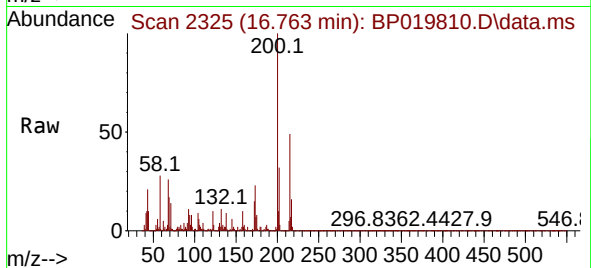
Tgt Ion:200 Resp: 204022

Ion Ratio Lower Upper

200 100

173 22.6 1.7 41.7

215 49.5 26.9 66.9



#70

Pentachlorophenol

Concen: 90.535 ng

RT: 16.928 min Scan# 2353

Delta R.T. -0.012 min

Lab File: BP019810.D

Acq: 21 Feb 2024 16:20

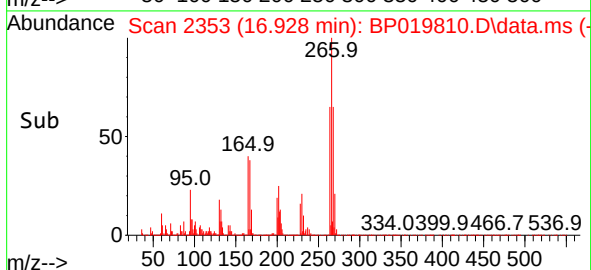
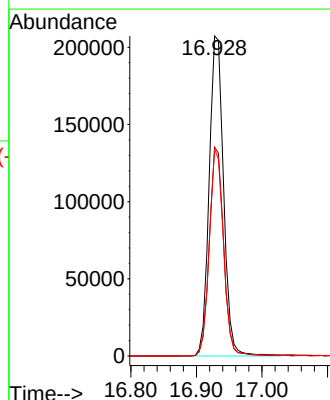
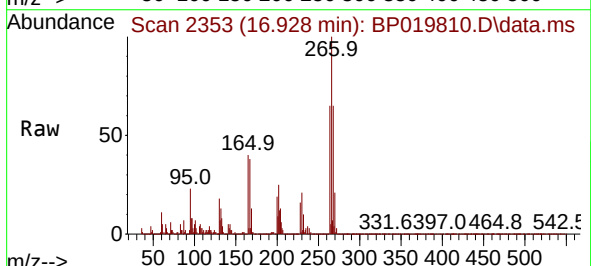
Tgt Ion:266 Resp: 316370

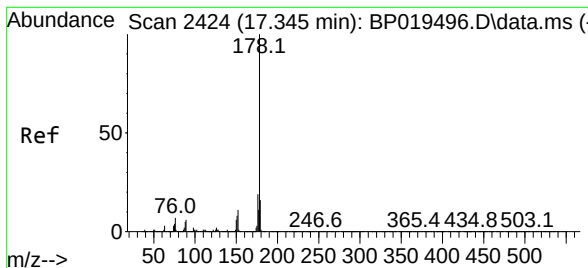
Ion Ratio Lower Upper

266 100

268 65.2 50.3 75.5

264 64.7 49.7 74.5





#71

Phenanthrene

Concen: 44.532 ng

RT: 17.328 min Scan# 2421

Delta R.T. -0.012 min

Lab File: BP019810.D

Acq: 21 Feb 2024 16:20

Instrument :

BNA_P

ClientSampleId :

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

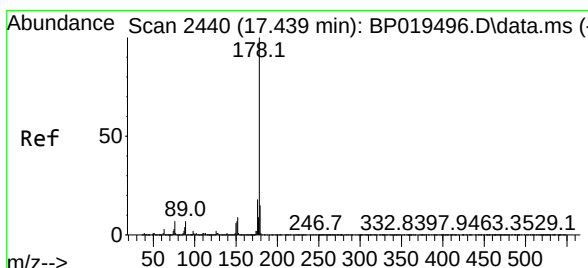
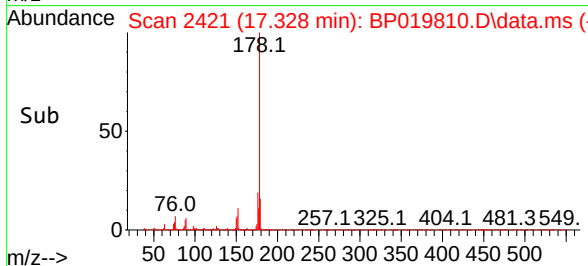
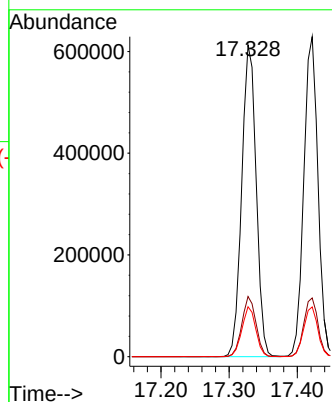
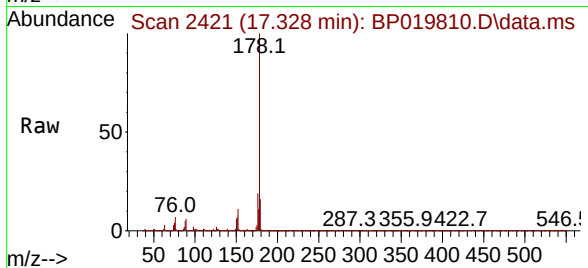
Tgt Ion:178 Resp: 900807

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

179 16.1 12.6 19.0



#72

Anthracene

Concen: 45.059 ng

RT: 17.422 min Scan# 2437

Delta R.T. -0.006 min

Lab File: BP019810.D

Acq: 21 Feb 2024 16:20

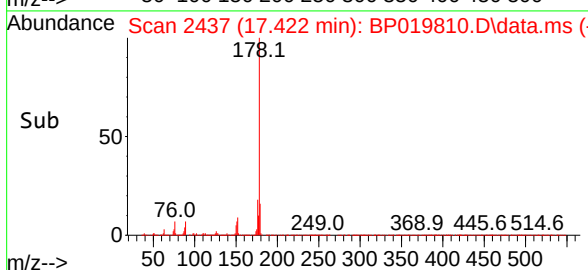
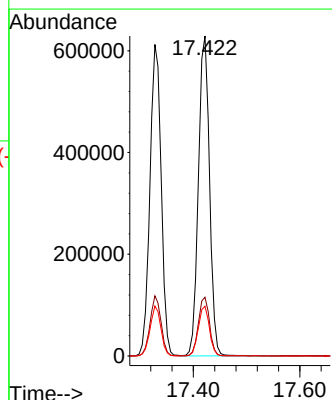
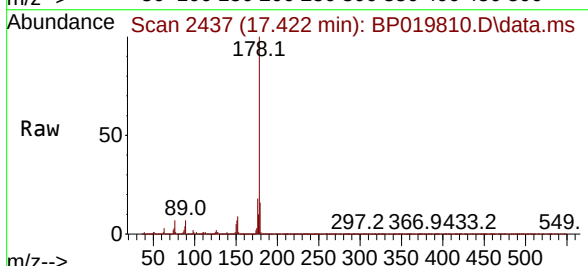
Tgt Ion:178 Resp: 909244

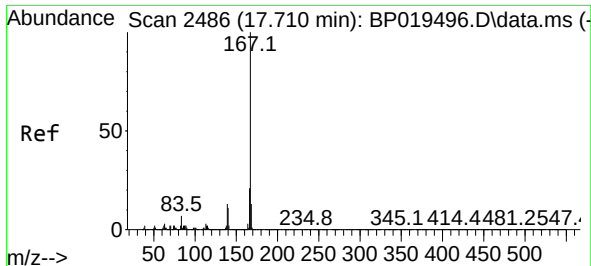
Ion Ratio Lower Upper

178 100

176 18.3 14.7 22.1

179 15.6 12.2 18.2

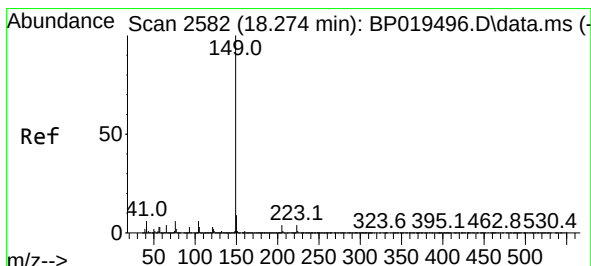
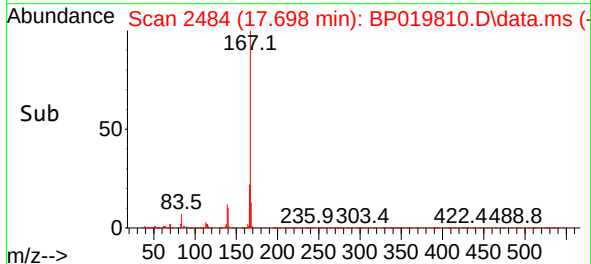
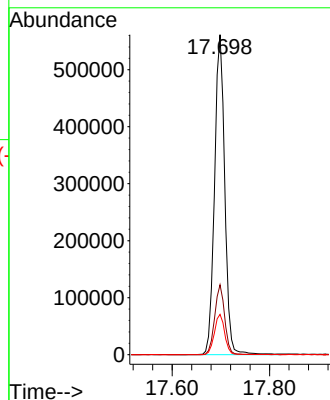
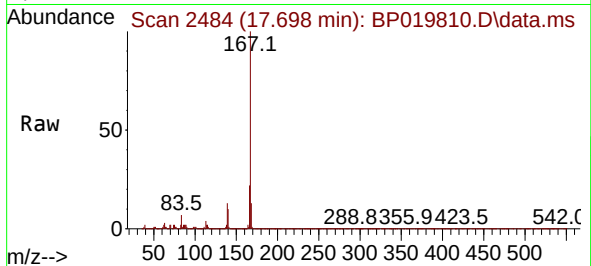




#73
 Carbazole
 Concen: 44.358 ng
 RT: 17.698 min Scan# 2486
 Delta R.T. -0.012 min
 Lab File: BP019810.D
 Acq: 21 Feb 2024 16:20

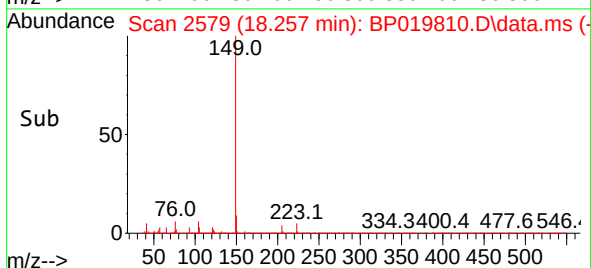
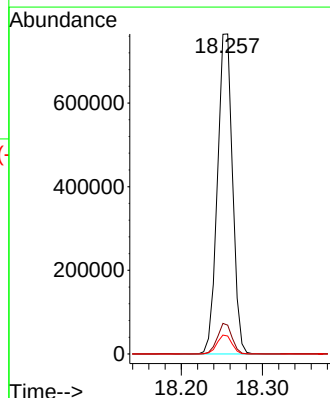
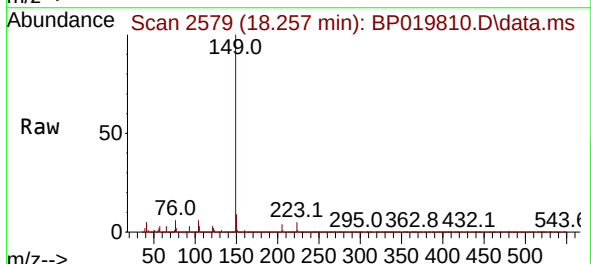
Instrument : BNA_P
 ClientSampleId : 20240765-COMPOSITE-39N-N-3-03MSD

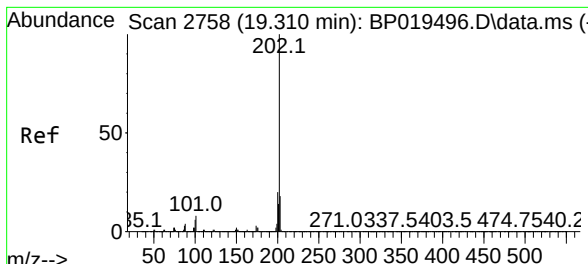
Tgt Ion:167 Resp: 813152
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 12.6 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 44.595 ng
 RT: 18.257 min Scan# 2579
 Delta R.T. -0.006 min
 Lab File: BP019810.D
 Acq: 21 Feb 2024 16:20

Tgt Ion:149 Resp: 988461
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 5.6 4.8 7.2



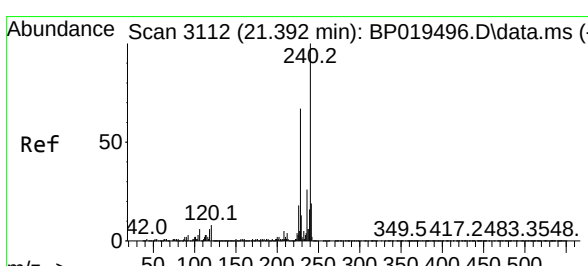
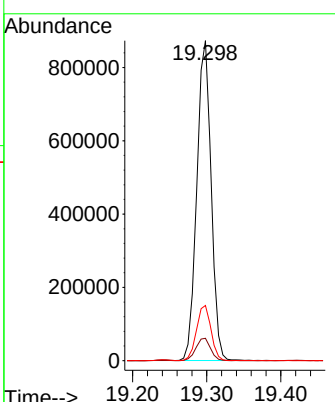
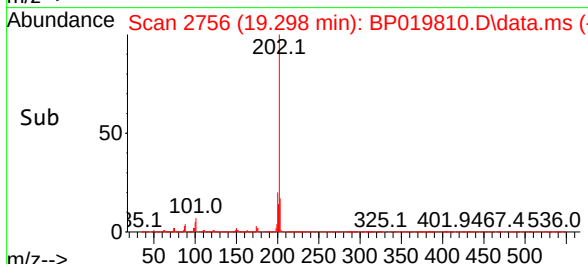
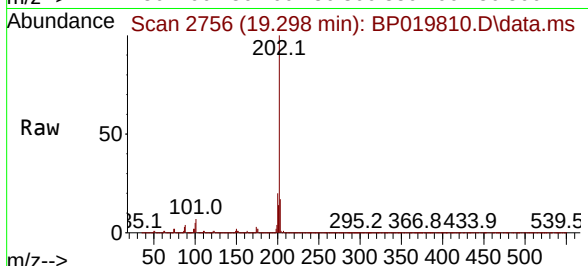


#75
 Fluoranthene
 Concen: 47.343 ng
 RT: 19.298 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019810.D
 Acq: 21 Feb 2024 16:20

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

Tgt Ion: 202 Resp: 1169912

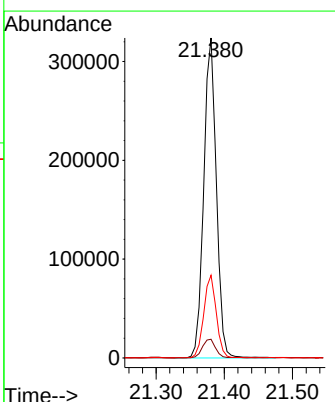
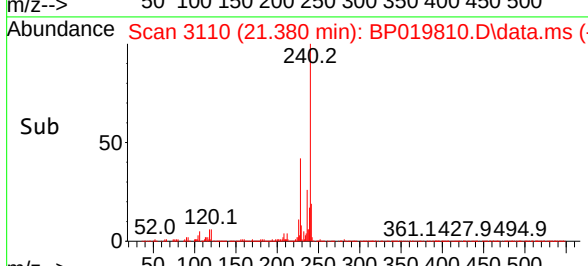
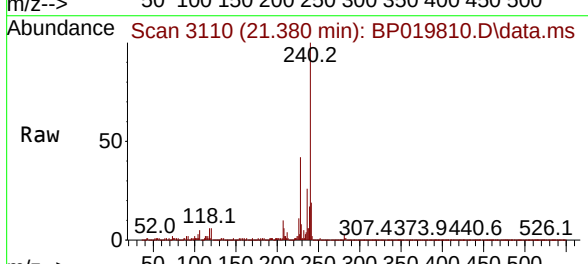
Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	27.7
203	17.2	0.0	37.5

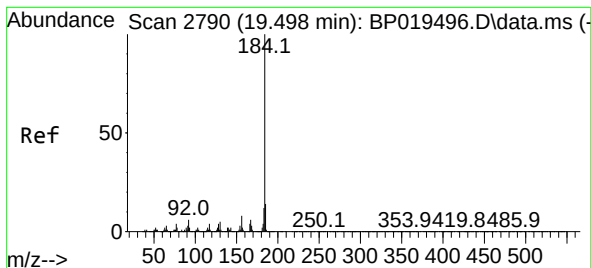


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.380 min Scan# 3110
 Delta R.T. -0.012 min
 Lab File: BP019810.D
 Acq: 21 Feb 2024 16:20

Tgt Ion: 240 Resp: 416810

Ion	Ratio	Lower	Upper
240	100		
120	5.9	6.1	9.1#
236	25.9	20.7	31.1





#77

Benzidine

Concen: 18.140 ng

RT: 19.486 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP019810.D

Acq: 21 Feb 2024 16:20

Instrument :

BNA_P

ClientSampleId :

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

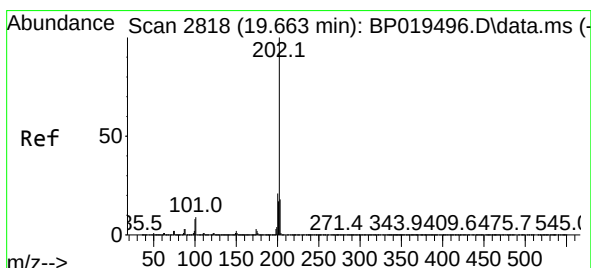
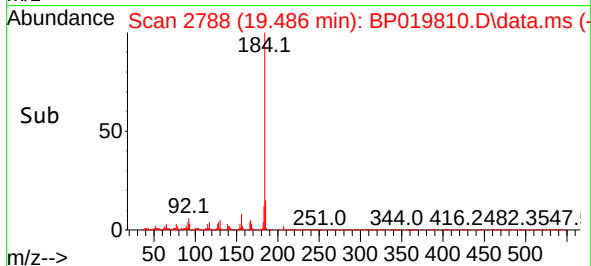
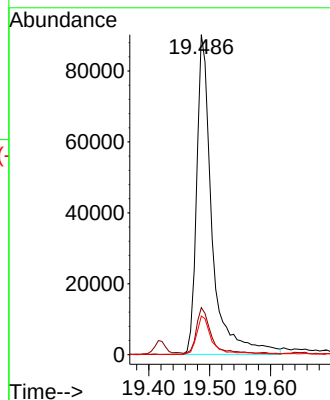
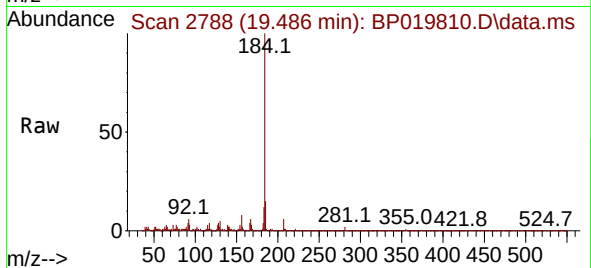
Tgt Ion:184 Resp: 158078

Ion Ratio Lower Upper

184 100

185 14.7 11.1 16.7

183 12.1 9.7 14.5



#78

Pyrene

Concen: 41.170 ng

RT: 19.651 min Scan# 2816

Delta R.T. -0.006 min

Lab File: BP019810.D

Acq: 21 Feb 2024 16:20

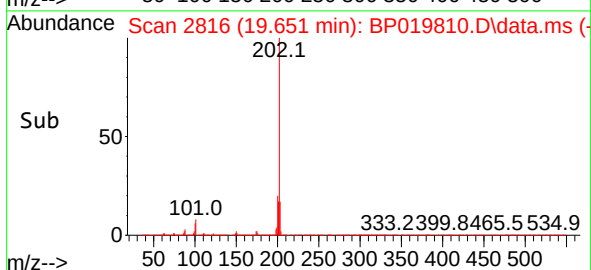
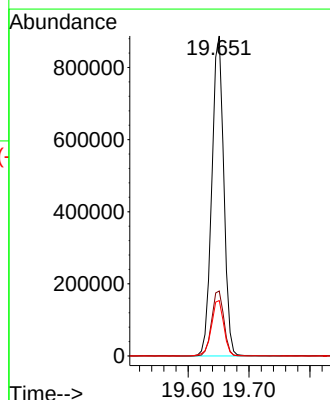
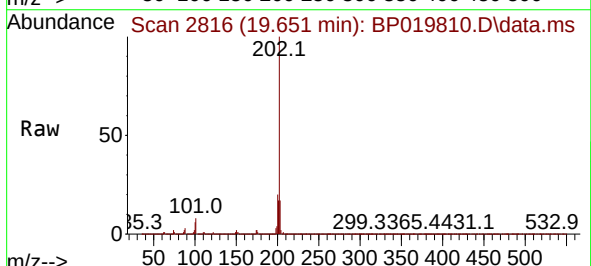
Tgt Ion:202 Resp: 1211090

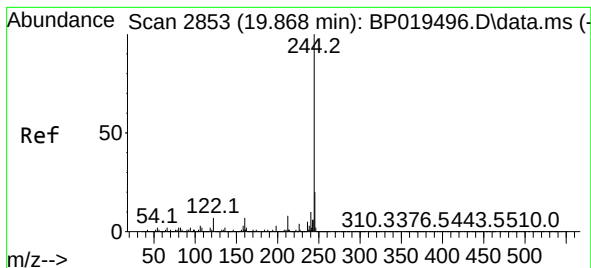
Ion Ratio Lower Upper

202 100

200 20.3 16.9 25.3

203 17.3 14.2 21.2





#79

Terphenyl-d14

Concen: 50.031 ng

RT: 19.851 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP019810.D

Acq: 21 Feb 2024 16:20

Instrument :

BNA_P

ClientSampleId :

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

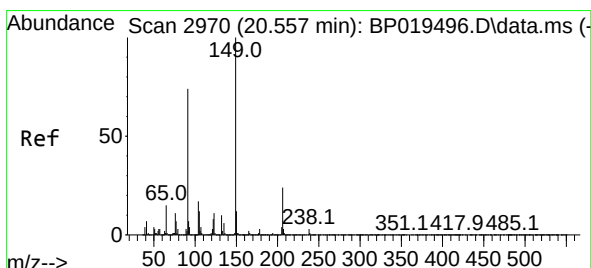
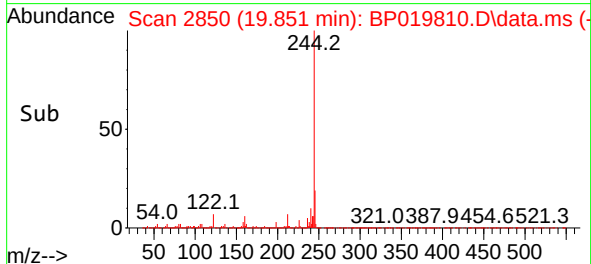
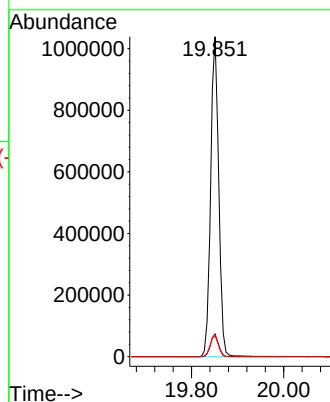
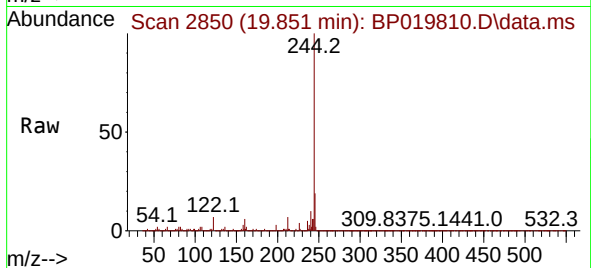
Tgt Ion:244 Resp: 1268027

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 6.5 5.9 8.9



#80

Butylbenzylphthalate

Concen: 43.135 ng

RT: 20.533 min Scan# 2966

Delta R.T. -0.012 min

Lab File: BP019810.D

Acq: 21 Feb 2024 16:20

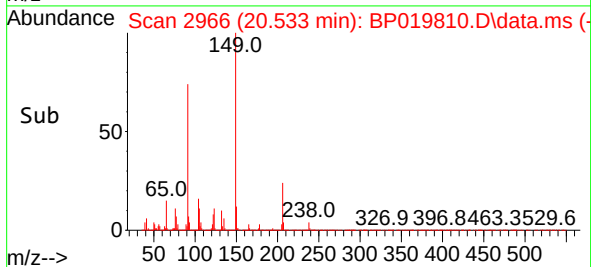
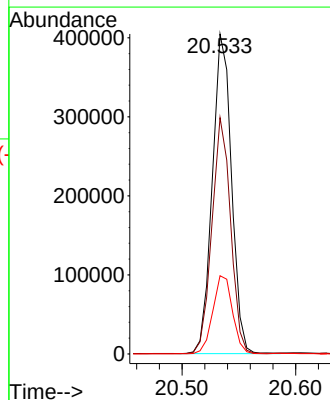
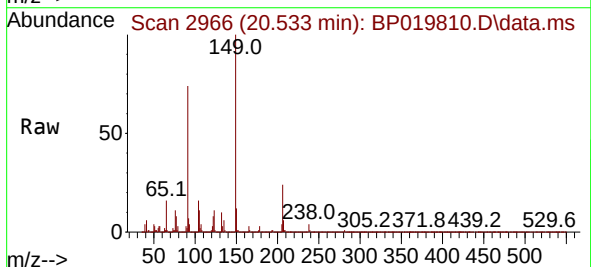
Tgt Ion:149 Resp: 473860

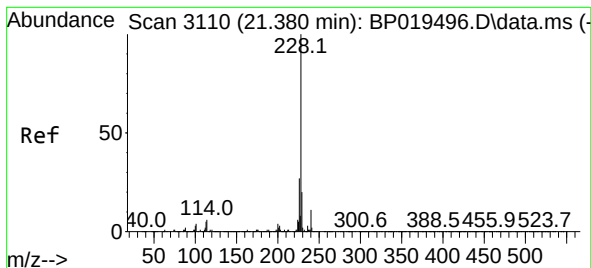
Ion Ratio Lower Upper

149 100

91 73.9 59.4 89.0

206 24.5 19.0 28.6





#81

Benzo(a)anthracene

Concen: 43.762 ng

RT: 21.363 min Scan# 3110

Delta R.T. -0.012 min

Lab File: BP019810.D

Acq: 21 Feb 2024 16:20

Instrument :

BNA_P

ClientSampleId :

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

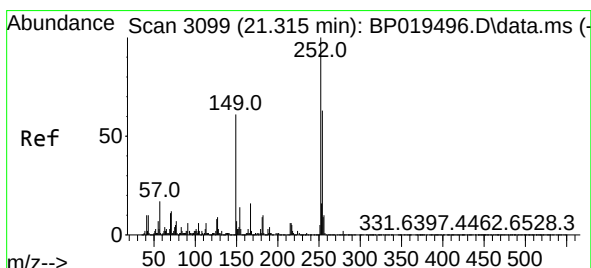
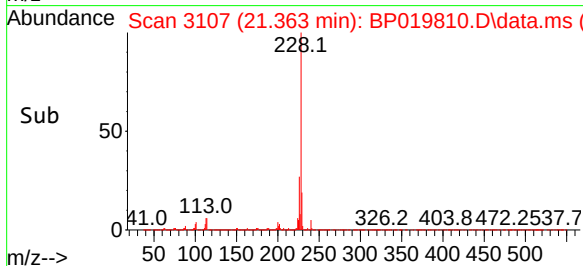
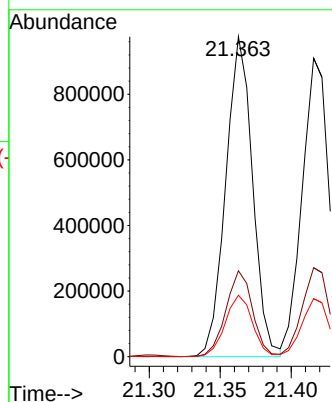
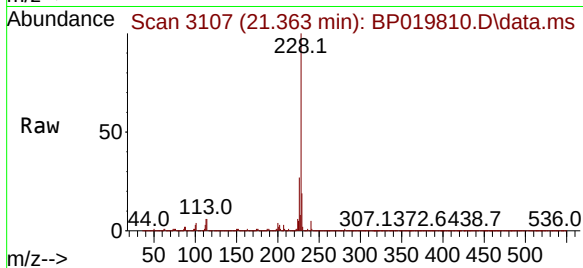
Tgt Ion:228 Resp: 1283986

Ion Ratio Lower Upper

228 100

226 26.9 21.7 32.5

229 19.2 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 37.855 ng

RT: 21.298 min Scan# 3096

Delta R.T. -0.012 min

Lab File: BP019810.D

Acq: 21 Feb 2024 16:20

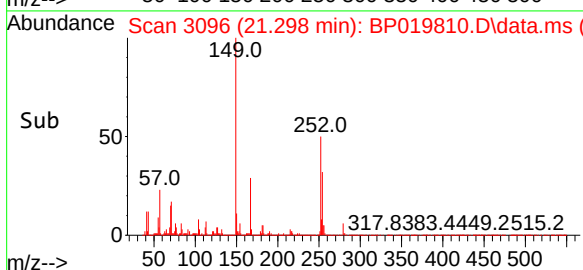
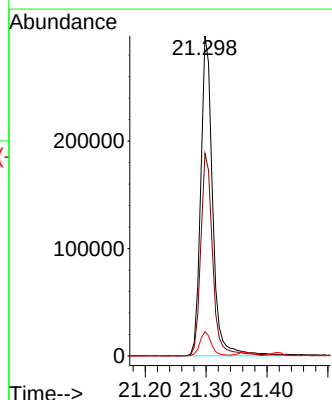
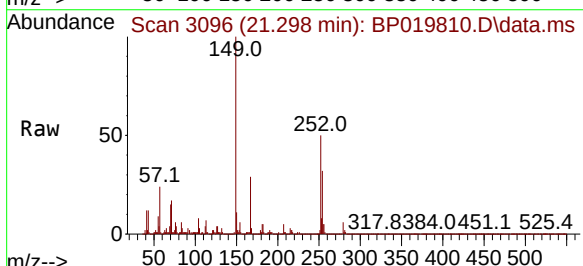
Tgt Ion:252 Resp: 404728

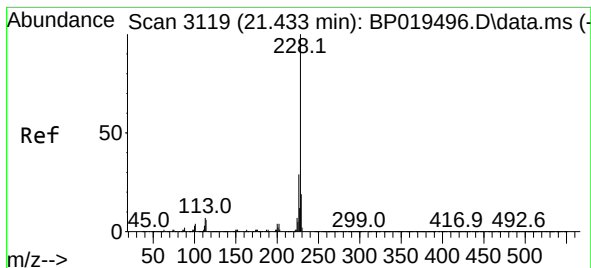
Ion Ratio Lower Upper

252 100

254 63.3 50.7 76.1

126 7.6 6.4 9.6





#83

Chrysene

Concen: 43.418 ng

RT: 21.416 min Scan# 3119

Delta R.T. -0.012 min

Lab File: BP019810.D

Acq: 21 Feb 2024 16:20

Instrument :

BNA_P

ClientSampleId :

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

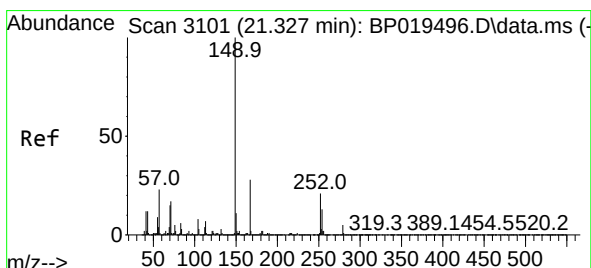
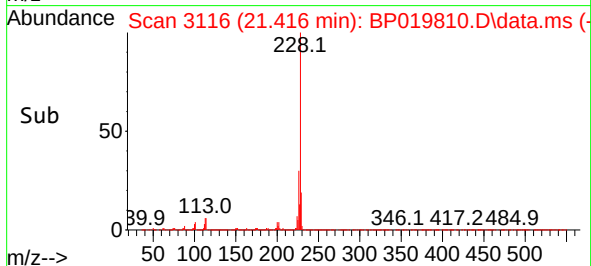
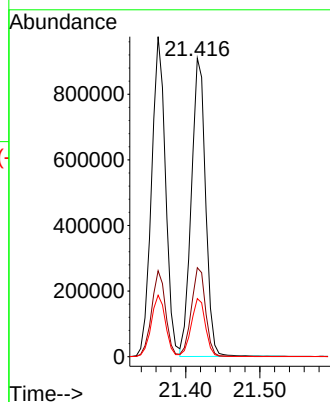
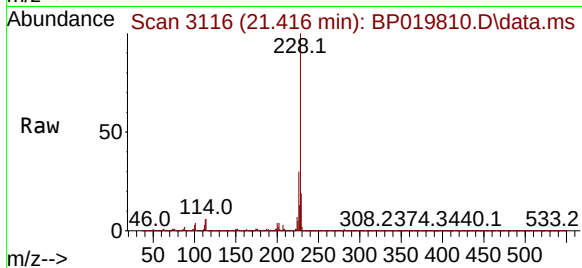
Tgt Ion:228 Resp: 1209463

Ion Ratio Lower Upper

228 100

226 29.8 23.4 35.2

229 19.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.456 ng

RT: 21.298 min Scan# 3096

Delta R.T. -0.012 min

Lab File: BP019810.D

Acq: 21 Feb 2024 16:20

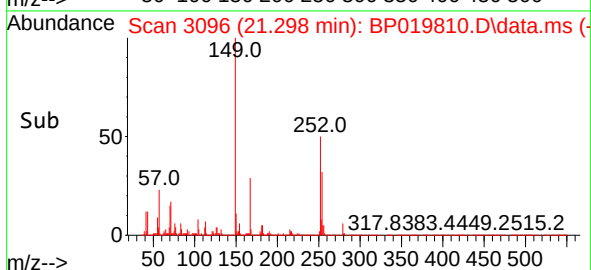
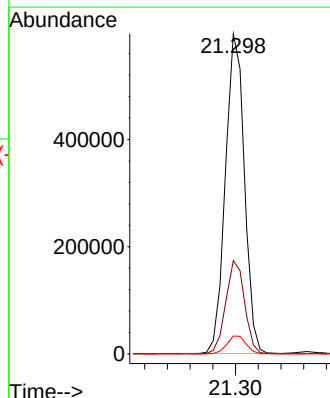
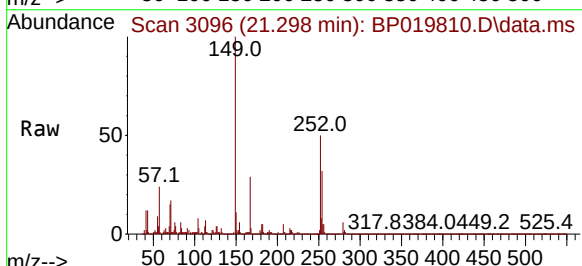
Tgt Ion:149 Resp: 693492

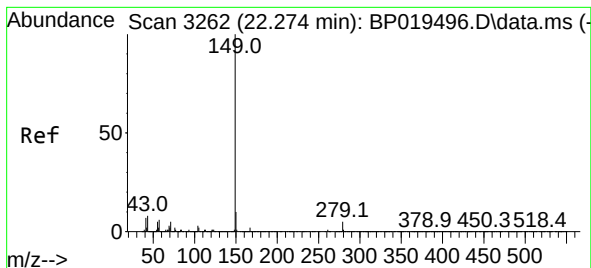
Ion Ratio Lower Upper

149 100

167 29.1 22.7 34.1

279 5.6 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 40.596 ng

RT: 22.239 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP019810.D

Acq: 21 Feb 2024 16:20

Instrument :

BNA_P

ClientSampleId :

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

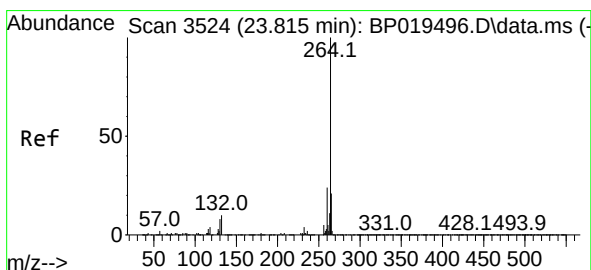
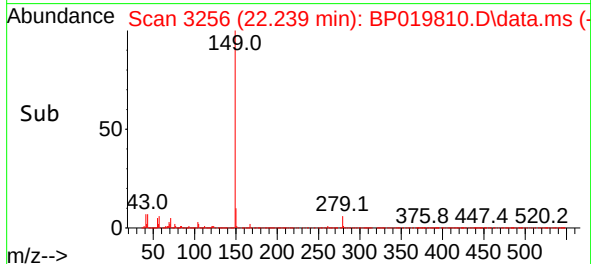
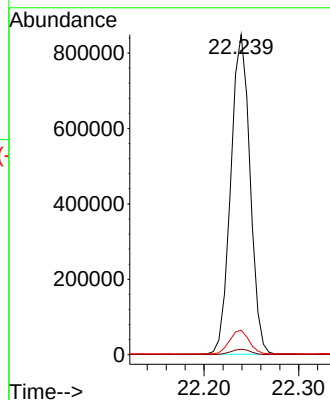
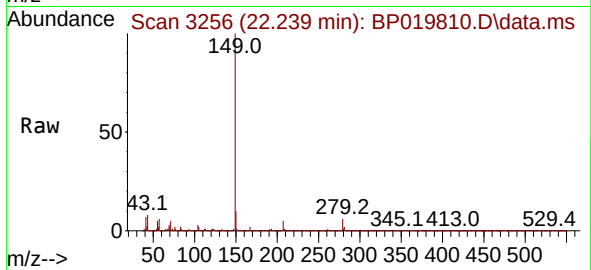
Tgt Ion:149 Resp: 1194819

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 7.6 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.792 min Scan# 3520

Delta R.T. -0.018 min

Lab File: BP019810.D

Acq: 21 Feb 2024 16:20

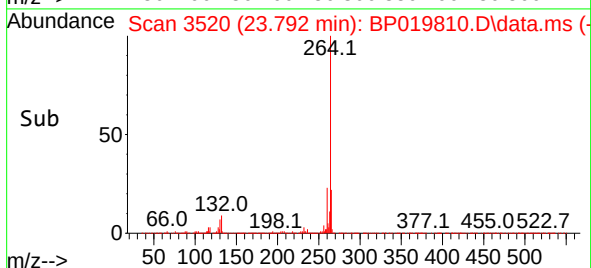
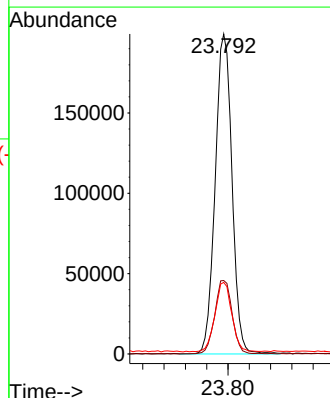
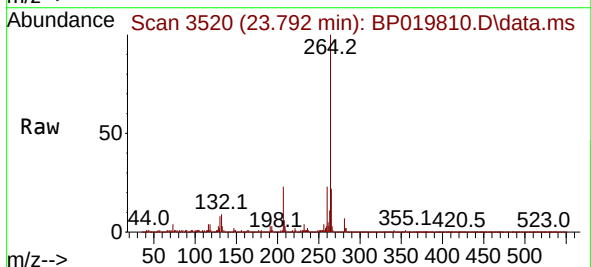
Tgt Ion:264 Resp: 436272

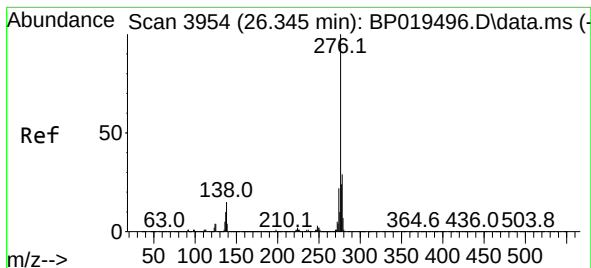
Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 22.3 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.828 ng

RT: 26.321 min Scan# 3950

Delta R.T. -0.023 min

Lab File: BP019810.D

Acq: 21 Feb 2024 16:20

Instrument :

BNA_P

ClientSampleId :

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

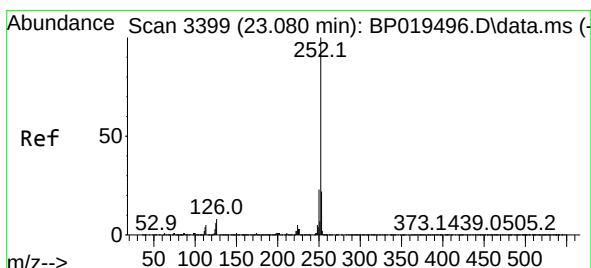
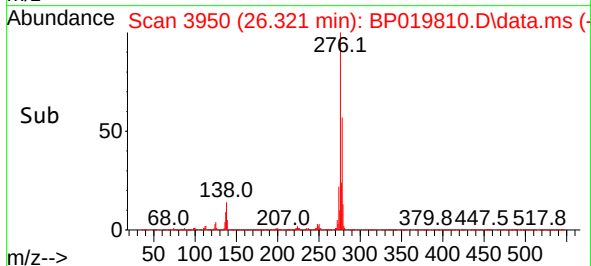
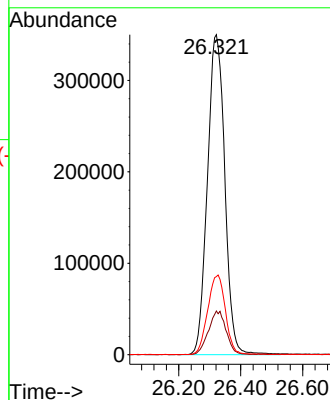
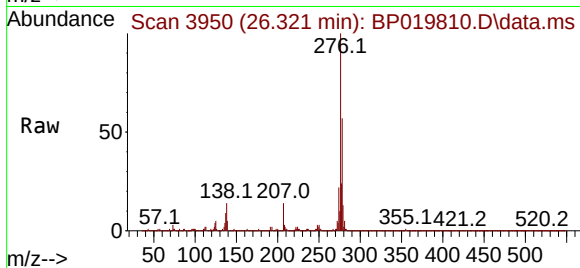
Tgt Ion:276 Resp: 1363439

Ion Ratio Lower Upper

276 100

138 13.9 13.1 19.7

277 25.2 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 44.890 ng

RT: 23.057 min Scan# 3395

Delta R.T. -0.018 min

Lab File: BP019810.D

Acq: 21 Feb 2024 16:20

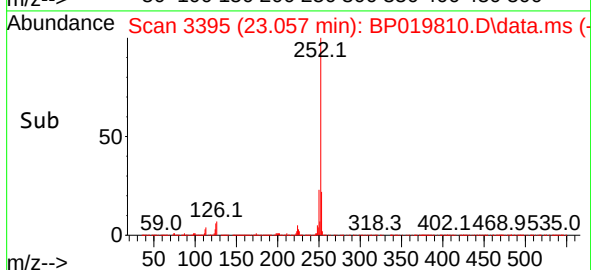
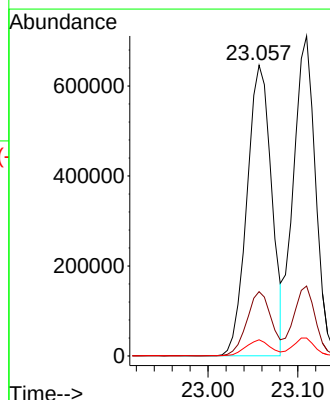
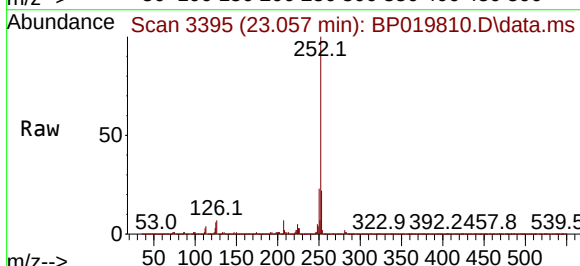
Tgt Ion:252 Resp: 1234308

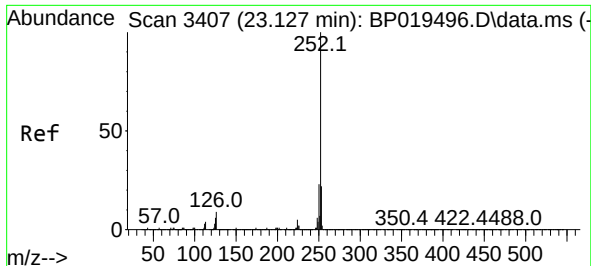
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 5.6 4.9 7.3

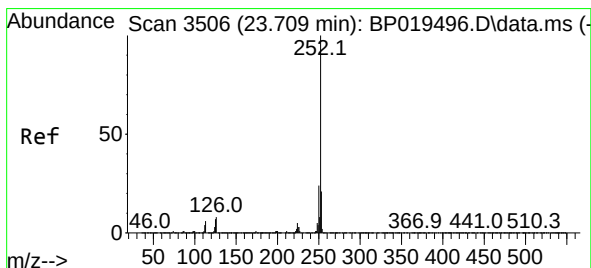
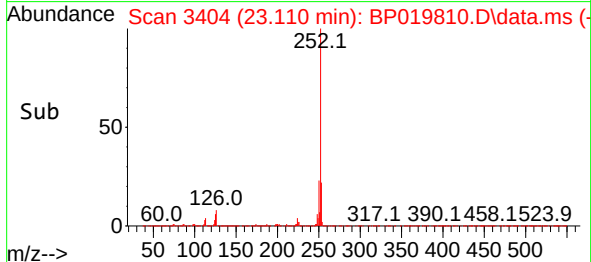
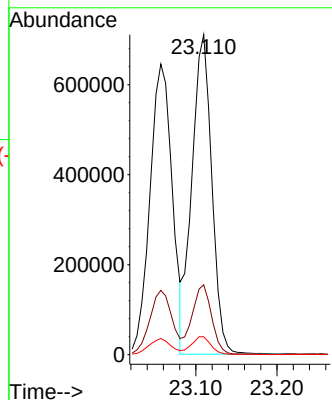
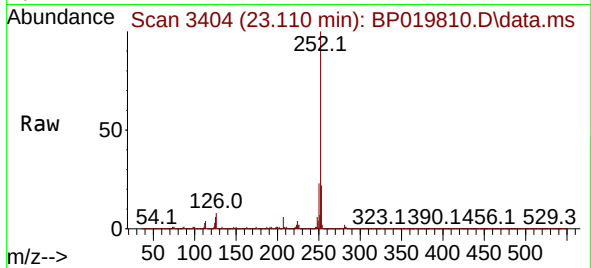




#89
Benzo(k)fluoranthene
Concen: 46.133 ng
RT: 23.110 min Scan# 3407
Delta R.T. -0.012 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

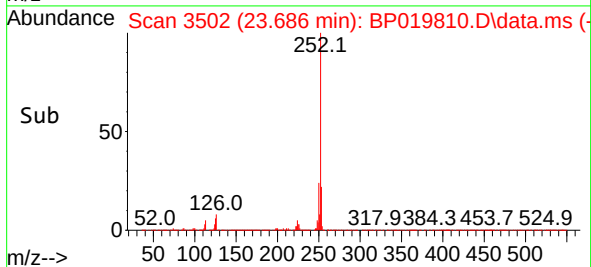
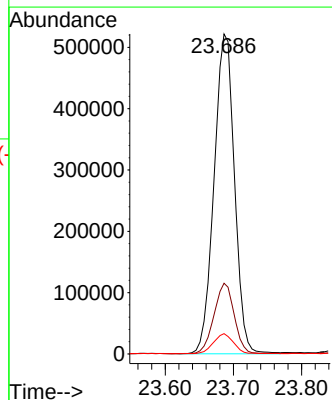
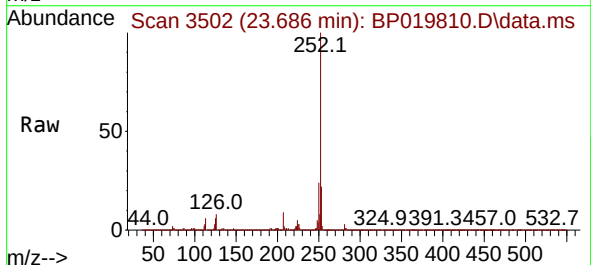
Instrument : BNA_P
ClientSampleId : 20240765-COMPOSITE-39N-N-3-03MSD

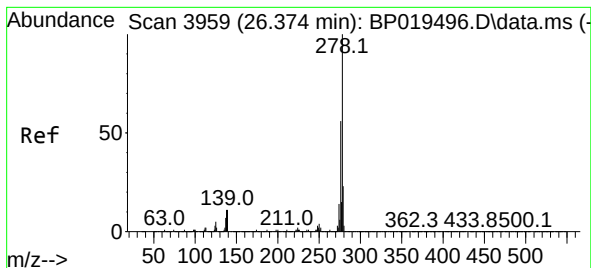
Tgt Ion:252 Resp: 1211690
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 5.6 5.0 7.6



#90
Benzo(a)pyrene
Concen: 44.463 ng
RT: 23.686 min Scan# 3502
Delta R.T. -0.018 min
Lab File: BP019810.D
Acq: 21 Feb 2024 16:20

Tgt Ion:252 Resp: 1087795
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 6.3 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 41.074 ng

RT: 26.345 min Scan# 3954

Delta R.T. -0.023 min

Lab File: BP019810.D

Acq: 21 Feb 2024 16:20

Instrument :

BNA_P

ClientSampleId :

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

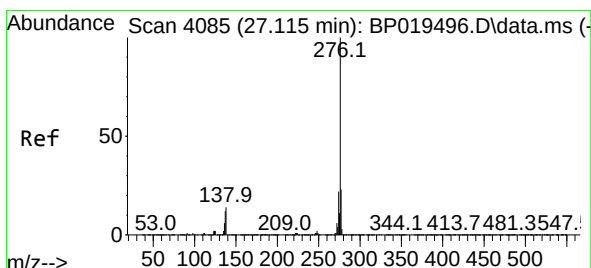
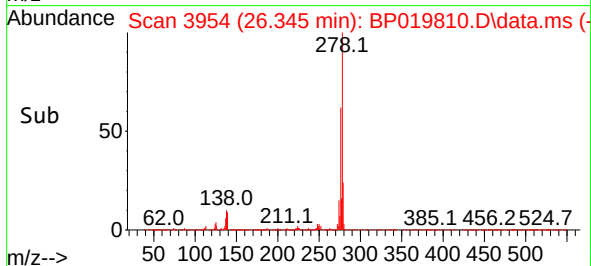
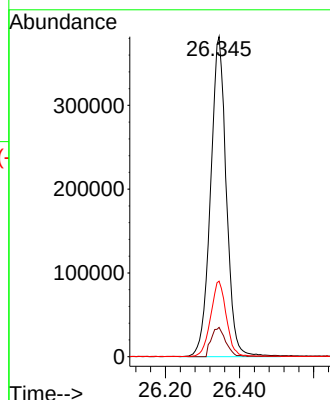
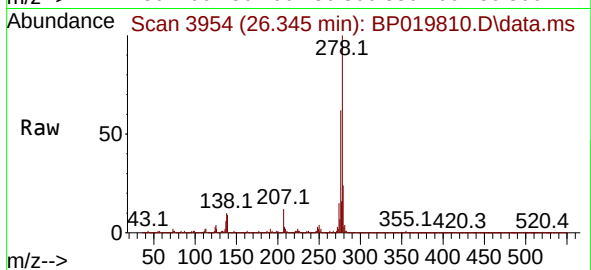
Tgt Ion:278 Resp: 1128127

Ion Ratio Lower Upper

278 100

139 9.1 8.6 12.8

279 23.6 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 37.919 ng

RT: 27.098 min Scan# 4082

Delta R.T. -0.023 min

Lab File: BP019810.D

Acq: 21 Feb 2024 16:20

Tgt Ion:276 Resp: 1056599

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 11.7 10.9 16.3

