

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122623\
 Data File : BP019078.D
 Acq On : 26 Dec 2023 12:01
 Operator : MA/JU
 Sample : PB158026BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS026

Quant Time: Dec 26 21:46:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 21 04:46:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	104843	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.605	136	372787	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.445	164	205706	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.198	188	459645	20.000	ng/u1	-0.01
79) Chrysene-d12	21.292	240	527084	20.000	ng/u1	0.00
88) Perylene-d12	23.645	264	653445	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	20690	6.725	ng/uL	0.00
4) Pyridine-d5	3.664	84	267406	32.448	ng/u1	0.00
7) Phenol-d5	6.987	99	299463	28.462	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.152	67	180474	28.941	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.346	132	238543	29.056	ng/u1	0.00
15) 4-Methylphenol-d8	8.534	113	219894	25.825	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	105018	31.652	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.693	143	112302	32.647	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.234	165	224782	31.957	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.752	131	263055	28.616	ng/u1	-0.01
46) Dimethylphthalate-d6	13.863	166	559491	30.474	ng/u1	-0.01
49) Acenaphthylene-d8	14.140	160	667932	33.039	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.663	143	98658	32.737	ng/u1	0.00
60) Fluorene-d10	15.440	176	504155	32.714	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.569	200	95630	34.698	ng/u1	0.00
73) Anthracene-d10	17.298	188	791188	32.742	ng/u1	0.00
81) Pyrene-d10	19.539	212	1020653	24.876	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.492	264	1266443	33.240	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	42159	12.496	ng/uL	94
5) Pyridine	3.681	79	268575	32.273	ng/u1	99
6) Benzaldehyde	6.958	77	160815	29.604	ng/u1	95
8) Phenol	7.016	94	304878	29.548	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.246	93	247455	29.203	ng/u1	99
12) 2-Chlorophenol	7.375	128	248566	29.915	ng/u1	99
13) 2-Methylphenol	8.263	108	219401	27.775	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.340	45	290409	27.010	ng/u1	97
16) Acetophenone	8.640	105	349256	27.523	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.628	70	162739	23.312	ng/u1	98
18) 4-Methylphenol	8.593	108	234669	27.206	ng/u1	100
19) Hexachloroethane	8.887	117	105699	31.030	ng/u1	83
22) Nitrobenzene	9.016	77	262858	32.585	ng/u1	99
23) Isophorone	9.546	82	442765	26.919	ng/u1	97
25) 2-Nitrophenol	9.728	139	122179	33.173	ng/u1	98
26) 2,4-Dimethylphenol	9.793	107	234740	32.588	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.028	93	296075	28.513	ng/u1	99
29) 2,4-Dichlorophenol	10.257	162	219095	32.338	ng/u1	99
30) Naphthalene	10.657	128	728167	32.199	ng/u1	99
32) 4-Chloroaniline	10.775	127	238005	27.165	ng/u1	98
33) Hexachlorobutadiene	10.940	225	174443	38.445	ng/u1	98
34) Caprolactam	11.557	113	56757	27.320	ng/u1	94
35) 4-Chloro-3-methylphenol	11.910	107	204198	26.904	ng/u1	99
36) 2-Methylnaphthalene	12.269	142	458919	28.645	ng/u1	99

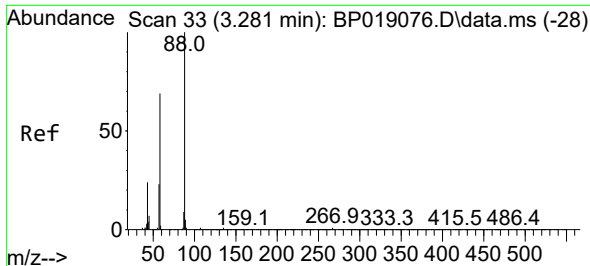
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122623\
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.487	142	450705	27.857	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.640	216	282653	37.872	ng/ul	98
40) Hexachlorocyclopentadiene	12.610	237	155662	35.188	ng/ul	99
41) 2,4,6-Trichlorophenol	12.881	196	166102	34.597	ng/ul	98
42) 2,4,5-Trichlorophenol	12.957	196	179944	34.571	ng/ul	97
43) 1,1'-Biphenyl	13.281	154	591568	33.252	ng/ul	99
44) 2-Chloronaphthalene	13.322	162	482562	34.343	ng/ul	99
45) 2-Nitroaniline	13.534	65	119220	31.298	ng/ul	98
47) Dimethylphthalate	13.910	163	565273	31.279	ng/ul	100
48) 2,6-Dinitrotoluene	14.034	165	106234	31.114	ng/ul	98
50) Acenaphthylene	14.169	152	751206	33.050	ng/ul	100
51) 3-Nitroaniline	14.363	138	100951	29.618	ng/ul	99
52) Acenaphthene	14.510	153	499361	33.228	ng/ul	99
53) 2,4-Dinitrophenol	14.569	184	58777	32.481	ng/ul	98
55) 4-Nitrophenol	14.675	109	80811	35.493	ng/ul	92
56) Dibenzofuran	14.845	168	702822	33.648	ng/ul	100
57) 2,4-Dinitrotoluene	14.822	165	162321	33.797	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.075	232	150020	34.361	ng/ul	94
59) Diethylphthalate	15.275	149	533974	30.194	ng/ul	99
61) Fluorene	15.498	166	559710	33.865	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.492	204	295591	34.101	ng/ul	97
63) 4-Nitroaniline	15.528	138	113279	34.887	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.581	198	104185	35.358	ng/ul	97
67) N-Nitrosodiphenylamine	15.710	169	472395	31.015	ng/ul	99
68) 4-Bromophenyl-phenylether	16.387	248	186016	32.056	ng/ul	97
69) Hexachlorobenzene	16.498	284	227213	35.070	ng/ul	97
70) Atrazine	16.669	200	168958	37.312	ng/ul	98
71) Pentachlorophenol	16.845	266	132722	34.445	ng/ul	99
72) Phenanthrene	17.239	178	928005	33.429	ng/ul	99
74) Anthracene	17.334	178	943422	33.904	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.246	216	278329	35.020	ng/uL	99
76) Pentachlorobenzene	14.763	250	264031	33.820	ng/uL	99
77) Carbazole	17.610	167	861613	38.851	ng/ul	99
78) Di-n-butylphthalate	18.163	149	865362	29.304	ng/ul	100
80) Fluoranthene	19.210	202	1177851	24.286	ng/ul	97
82) Pyrene	19.563	202	1244515	25.437	ng/ul	96
83) Butylbenzylphthalate	20.445	149	422696	23.599	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.216	252	438021	34.197	ng/ul	98
85) Benzo(a)anthracene	21.275	228	1406491	32.875	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.204	149	600365	24.387	ng/ul	99
87) Chrysene	21.327	228	1311099	33.278	ng/ul	99
89) Di-n-octyl phthalate	22.110	149	1096834	22.990	ng/ul	100
90) Benzo(b)fluoranthene	22.927	252	1518924	31.527	ng/ul	98
91) Benzo(k)fluoranthene	22.974	252	1499199	32.160	ng/ul	98
93) Benzo(a)pyrene	23.539	252	1456061	33.075	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.092	276	1905966	36.236	ng/ul	95
95) Dibenzo(a,h)anthracene	26.110	278	1584171	36.206	ng/ul#	96
96) Benzo(g,h,i)perylene	26.839	276	1552095	36.667	ng/ul	95

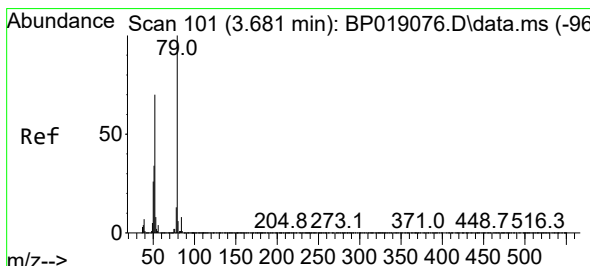
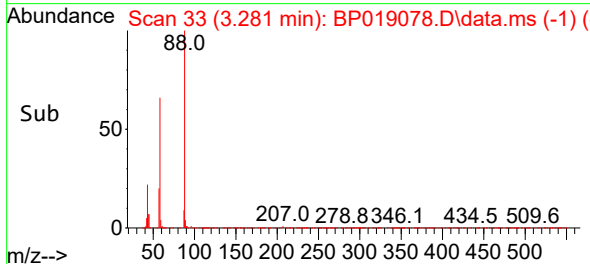
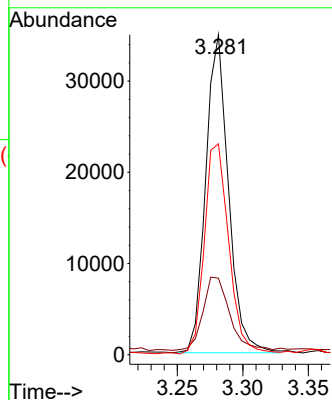
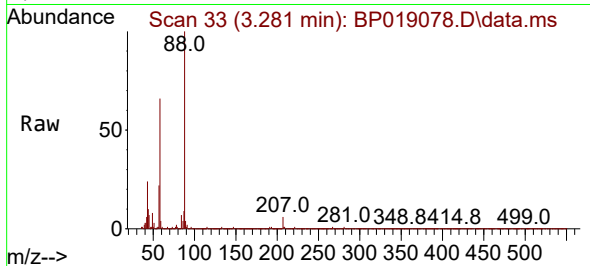
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#2
1,4-Dioxane
Concen: 12.496 ng/uL
RT: 3.281 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP019078.D
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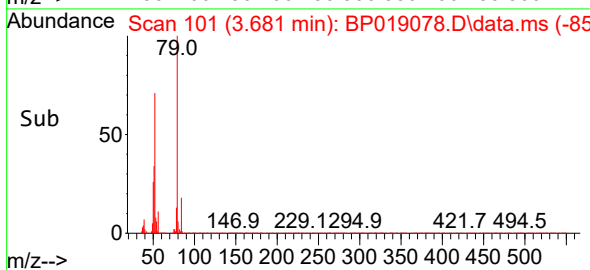
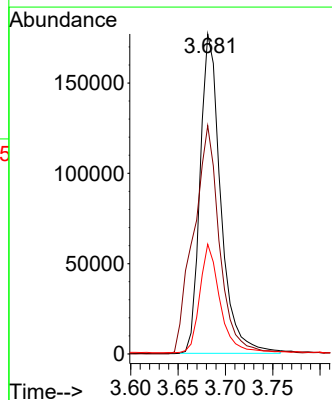
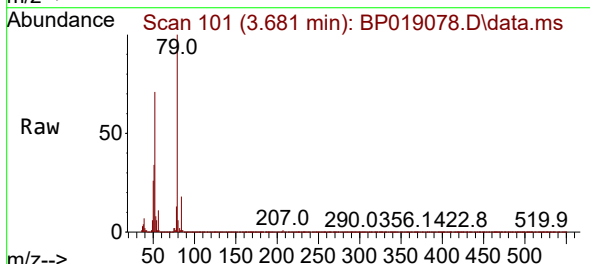
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ClientSampleId :
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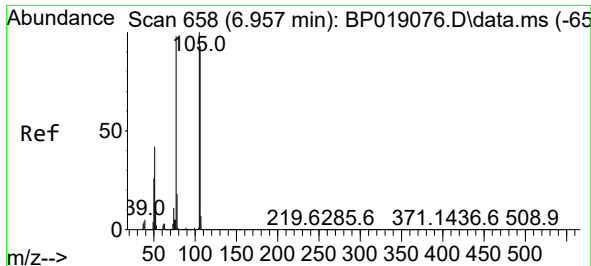
Tgt Ion: 88	Resp: 42159
Ion Ratio	Lower Upper
88 100	
43 23.9	21.8 32.6
58 65.9	56.5 84.7



#5
Pyridine
Concen: 32.273 ng/uL
RT: 3.681 min Scan# 101
Delta R.T. -0.006 min
Lab File: BP019078.D
Acq: 26 Dec 2023 12:01

Tgt Ion: 79	Resp: 268575
Ion Ratio	Lower Upper
79 100	
52 71.4	57.4 86.0
51 34.3	26.2 39.4

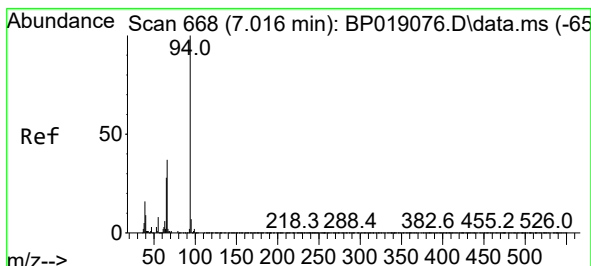
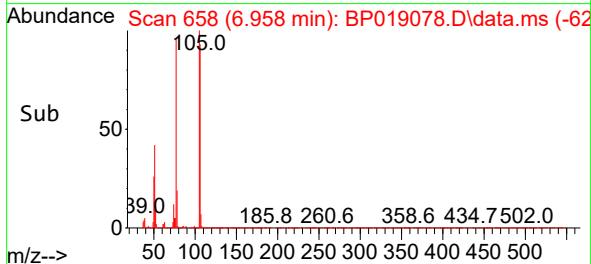
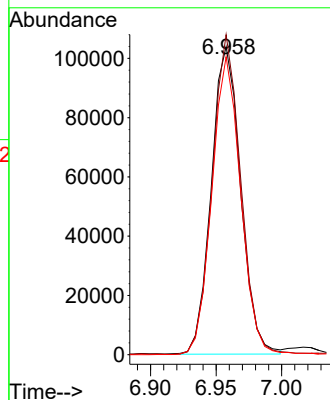
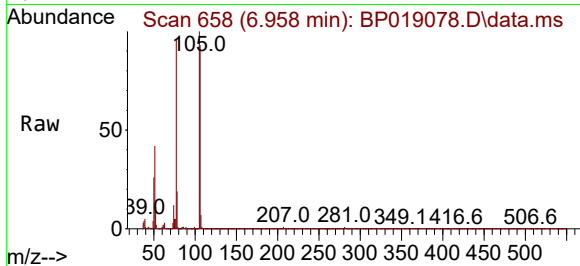




#6
Benzaldehyde
Concen: 29.604 ng/ul
RT: 6.958 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019078.D
Acq: 26 Dec 2023 12:01

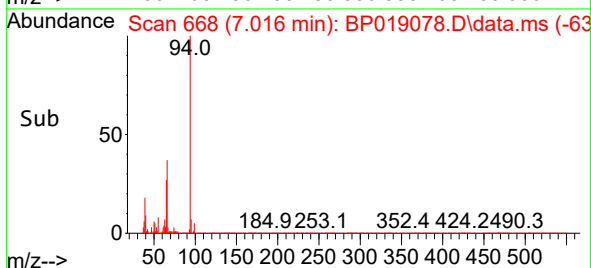
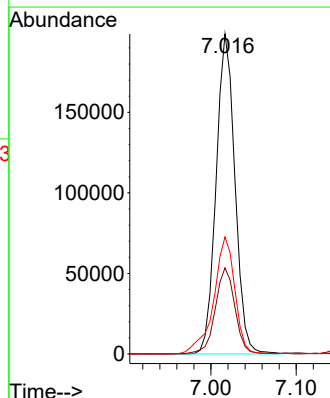
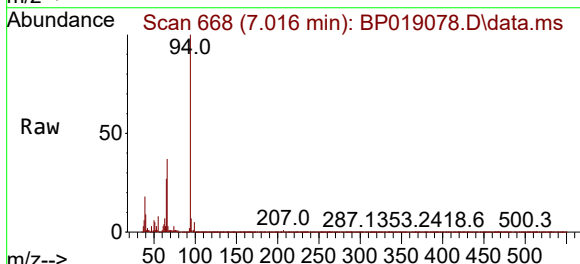
Instrument :
BNA_P
ClientSampleId :
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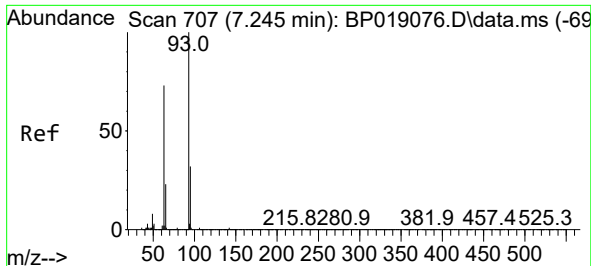
Tgt Ion: 77 Resp: 160815
Ion Ratio Lower Upper
77 100
105 103.9 77.9 116.9
106 96.7 74.6 111.8



#8
Phenol
Concen: 29.548 ng/ul
RT: 7.016 min Scan# 668
Delta R.T. -0.012 min
Lab File: BP019078.D
Acq: 26 Dec 2023 12:01

Tgt Ion: 94 Resp: 304878
Ion Ratio Lower Upper
94 100
65 26.9 21.0 31.6
66 36.6 28.6 43.0

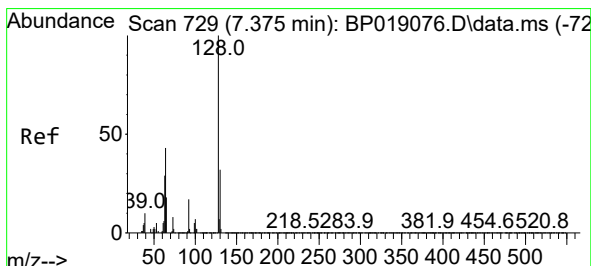
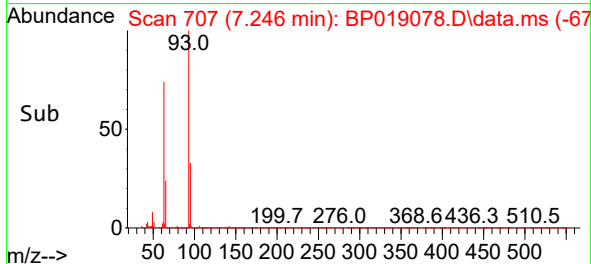
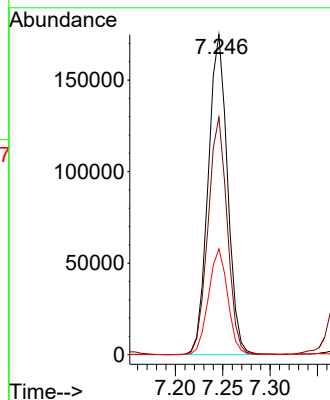
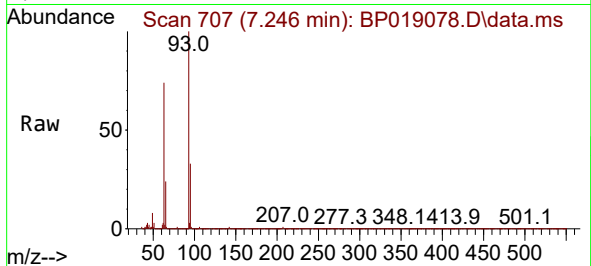




#10
Bis(2-Chloroethyl)ether
Concen: 29.203 ng/ul
RT: 7.246 min Scan# 707
Delta R.T. -0.006 min
Lab File: BP019078.D
Acq: 26 Dec 2023 12:01

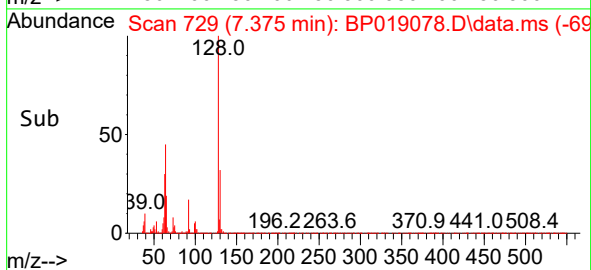
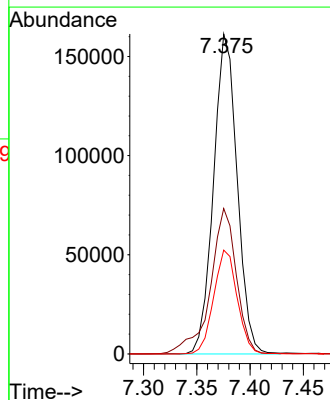
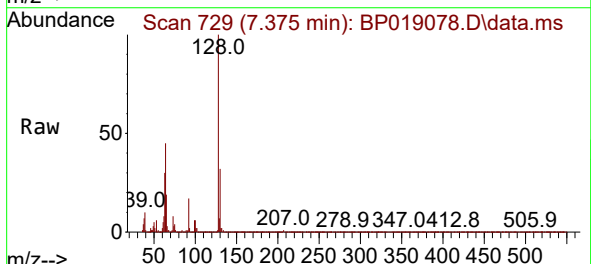
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ClientSampleId :
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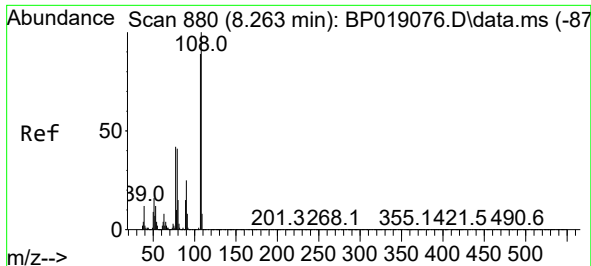
Tgt Ion: 93 Resp: 247455
Ion Ratio Lower Upper
93 100
63 74.1 58.3 87.5
95 33.1 25.9 38.9



#12
2-Chlorophenol
Concen: 29.915 ng/ul
RT: 7.375 min Scan# 729
Delta R.T. -0.012 min
Lab File: BP019078.D
Acq: 26 Dec 2023 12:01

Tgt Ion:128 Resp: 248566
Ion Ratio Lower Upper
128 100
64 45.4 37.0 55.4
130 32.5 26.8 40.2





#13

2-Methylphenol

Concen: 27.775 ng/ul

RT: 8.263 min Scan# 880

Delta R.T. -0.012 min

Lab File: BP019078.D

Acq: 26 Dec 2023 12:01

Instrument :

BNA_P

ClientSampleId :

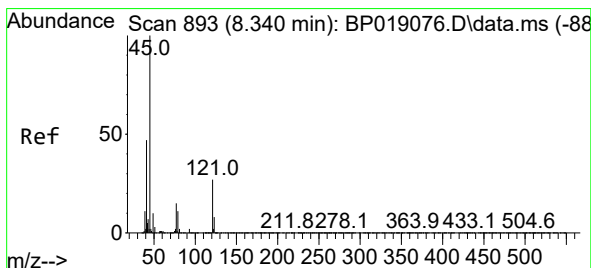
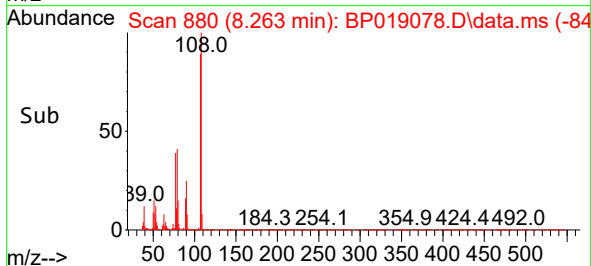
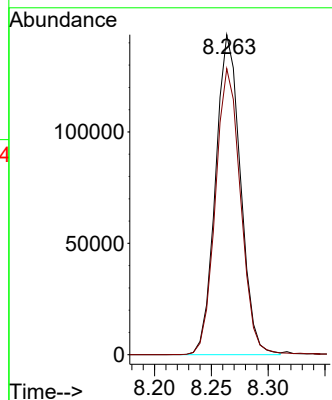
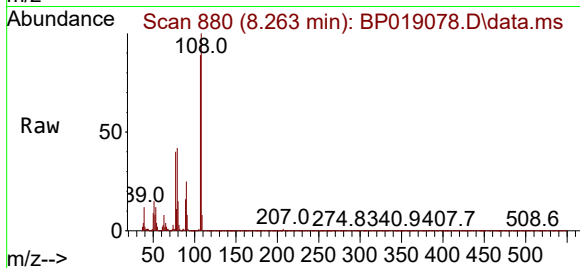
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Tgt Ion:108 Resp: 219401

Ion Ratio Lower Upper

108 100

107 89.4 70.6 105.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 27.010 ng/ul

RT: 8.340 min Scan# 893

Delta R.T. -0.012 min

Lab File: BP019078.D

Acq: 26 Dec 2023 12:01

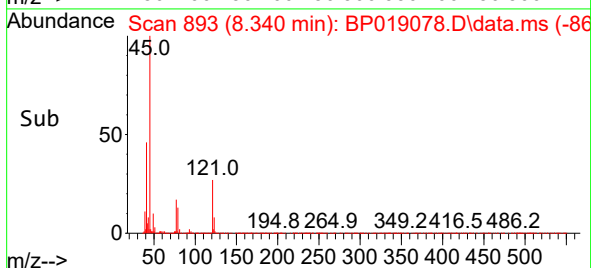
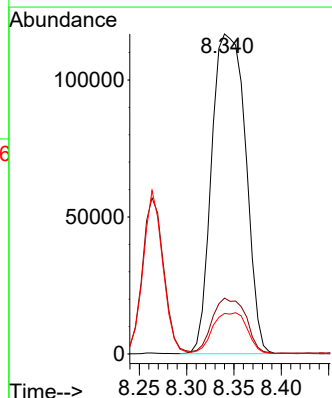
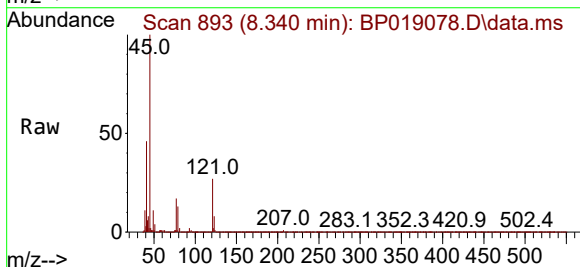
Tgt Ion: 45 Resp: 290409

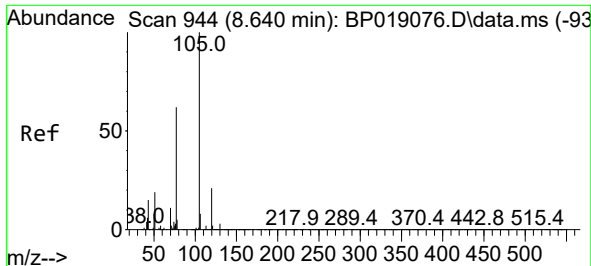
Ion Ratio Lower Upper

45 100

77 17.5 12.7 19.1

79 12.6 10.5 15.7

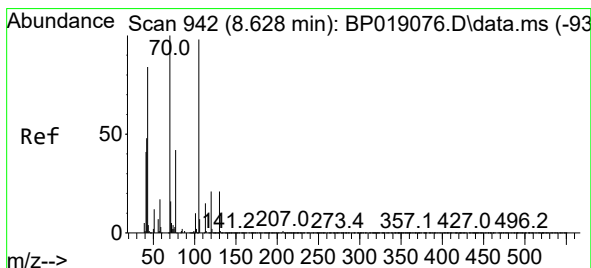
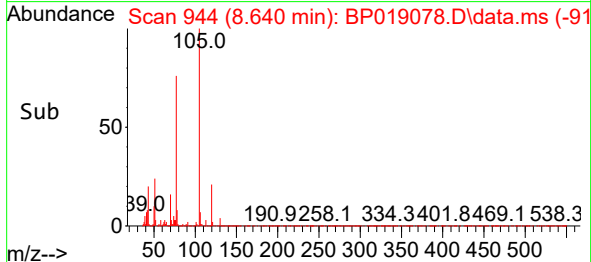
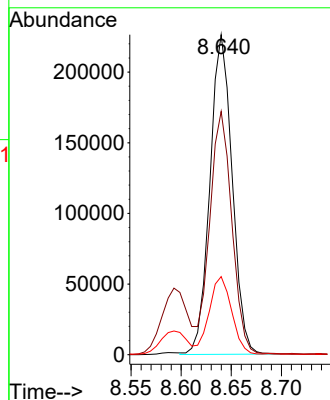
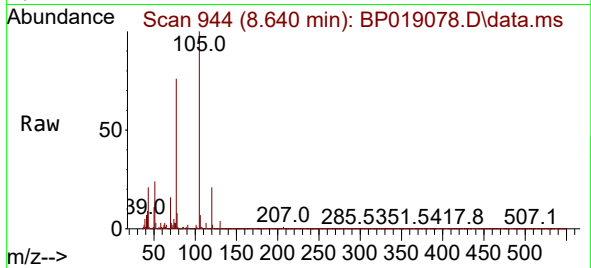




#16
Acetophenone
Concen: 27.523 ng/ul
RT: 8.640 min Scan# 944
Delta R.T. -0.012 min
Lab File: BP019078.D
Acq: 26 Dec 2023 12:01

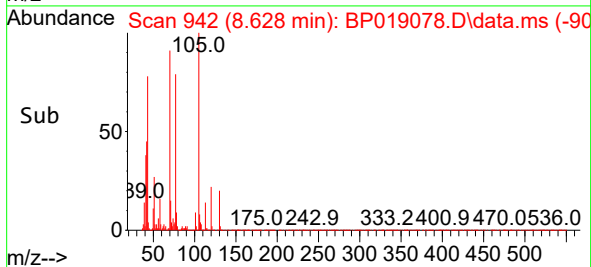
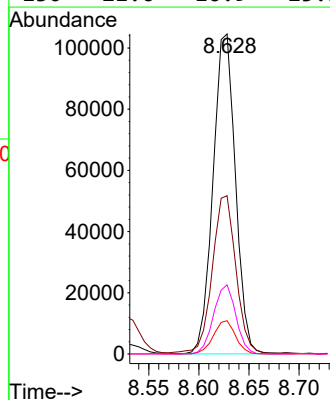
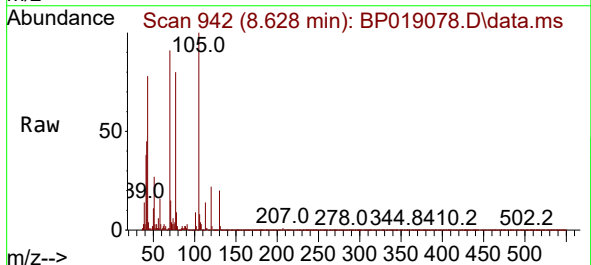
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ClientSampleId :
SLCS026

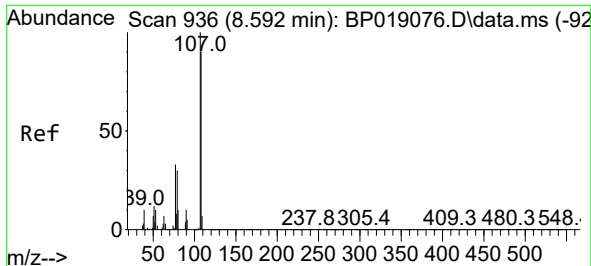
Tgt Ion:105 Resp: 349256
Ion Ratio Lower Upper
105 100
77 76.0 59.4 89.0
51 24.4 19.4 29.0



#17
N-Nitroso-di-n-propylamine
Concen: 23.312 ng/ul
RT: 8.628 min Scan# 942
Delta R.T. -0.006 min
Lab File: BP019078.D
Acq: 26 Dec 2023 12:01

Tgt Ion: 70 Resp: 162739
Ion Ratio Lower Upper
70 100
42 49.4 41.0 61.4
101 10.4 7.8 11.8
130 21.6 16.9 25.3

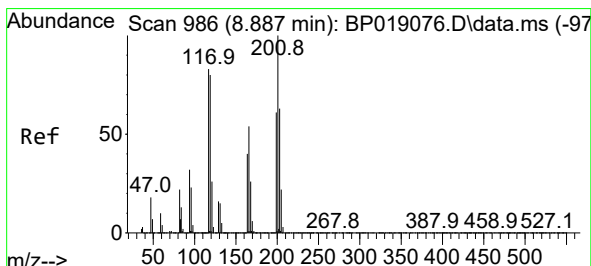
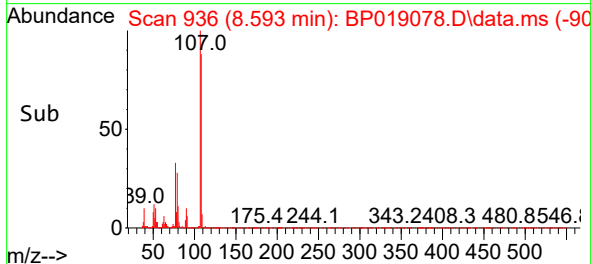
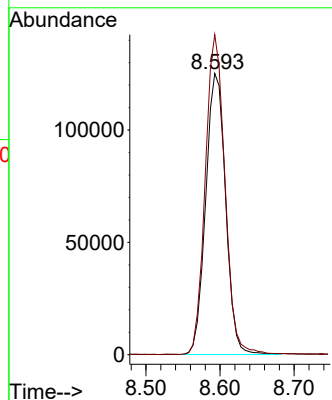
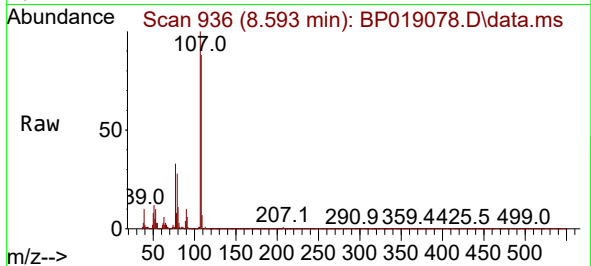




#18
4-Methylphenol
Concen: 27.206 ng/ul
RT: 8.593 min Scan# 911
Delta R.T. -0.012 min
Lab File: BP019078.D
Acq: 26 Dec 2023 12:01

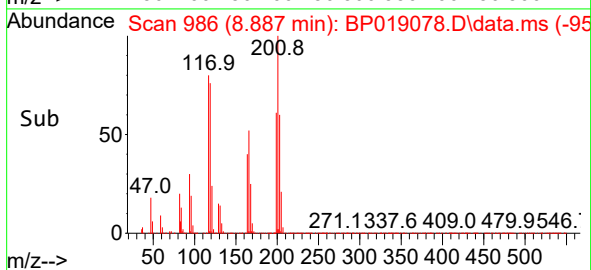
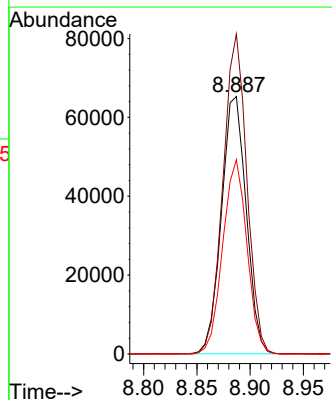
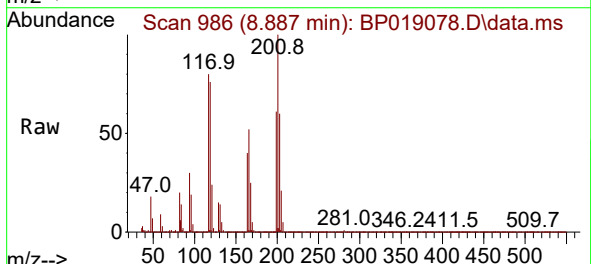
Instrument :
BNA_P
ClientSampleId :
SLCS026

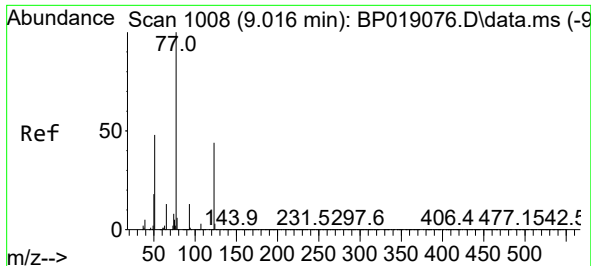
Tgt Ion:108 Resp: 234669
Ion Ratio Lower Upper
108 100
107 113.8 90.6 136.0



#19
Hexachloroethane
Concen: 31.030 ng/ul
RT: 8.887 min Scan# 986
Delta R.T. -0.012 min
Lab File: BP019078.D
Acq: 26 Dec 2023 12:01

Tgt Ion:117 Resp: 105699
Ion Ratio Lower Upper
117 100
201 124.3 83.7 125.5
199 75.5 52.3 78.5





#22

Nitrobenzene

Concen: 32.585 ng/ul

RT: 9.016 min Scan# 1008

Delta R.T. -0.012 min

Lab File: BP019078.D

Acq: 26 Dec 2023 12:01

Instrument :

BNA_P

ClientSampleId :

SLCS026

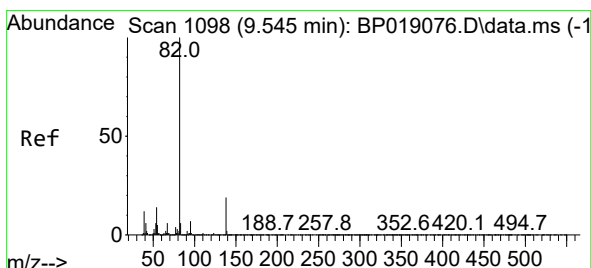
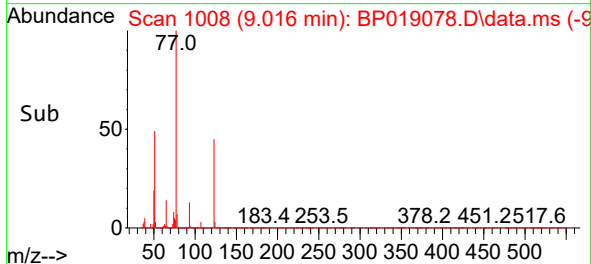
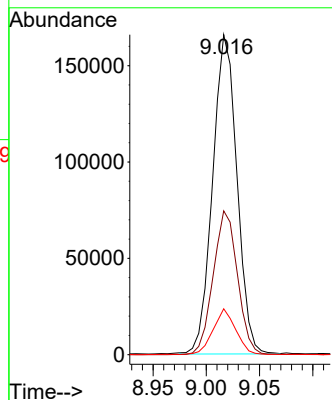
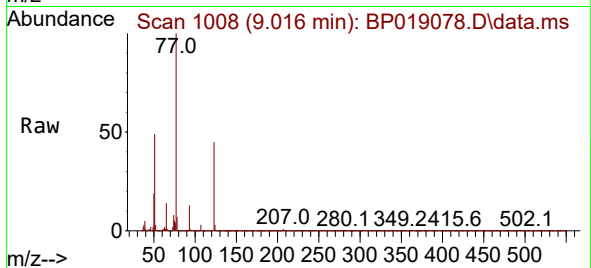
Tgt Ion: 77 Resp: 262858

Ion Ratio Lower Upper

77 100

123 45.0 35.8 53.8

65 14.3 10.5 15.7



#23

Isophorone

Concen: 26.919 ng/ul

RT: 9.546 min Scan# 1098

Delta R.T. -0.012 min

Lab File: BP019078.D

Acq: 26 Dec 2023 12:01

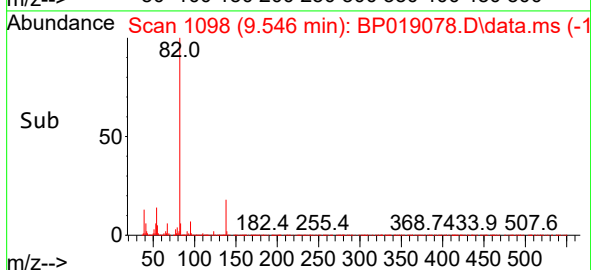
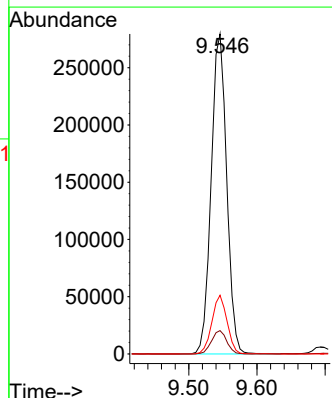
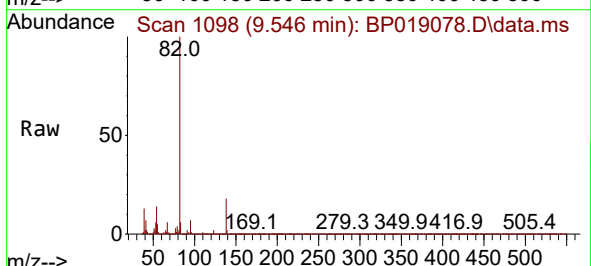
Tgt Ion: 82 Resp: 442765

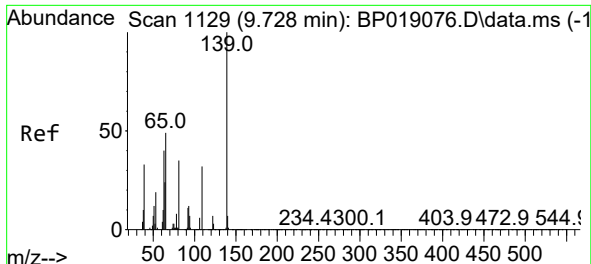
Ion Ratio Lower Upper

82 100

95 7.3 5.5 8.3

138 18.3 13.5 20.3

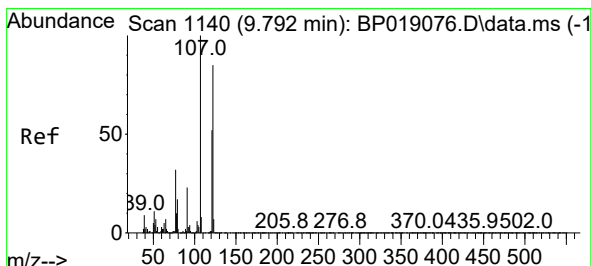
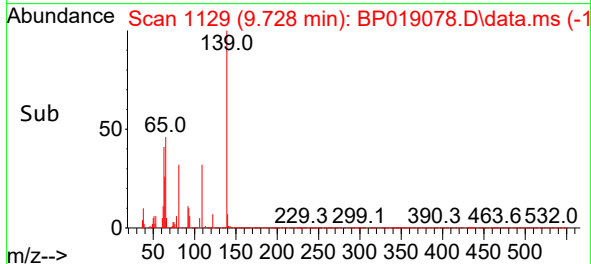
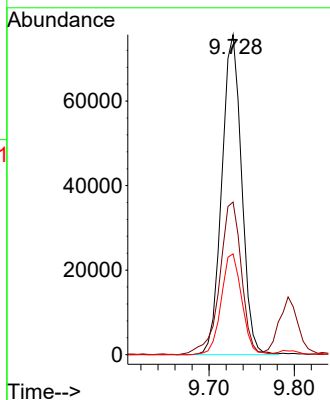
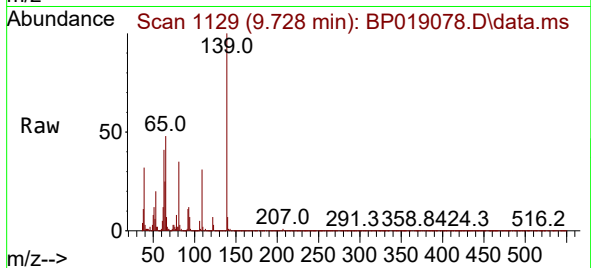




#25
2-Nitrophenol
Concen: 33.173 ng/ul
RT: 9.728 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BP019078.D
Acq: 26 Dec 2023 12:01

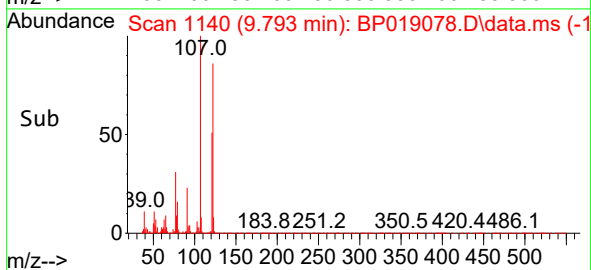
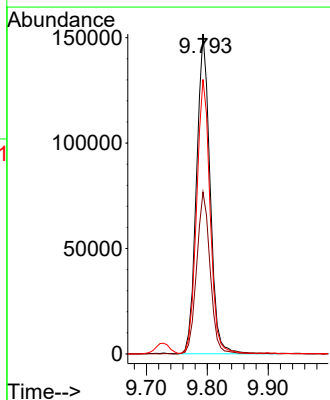
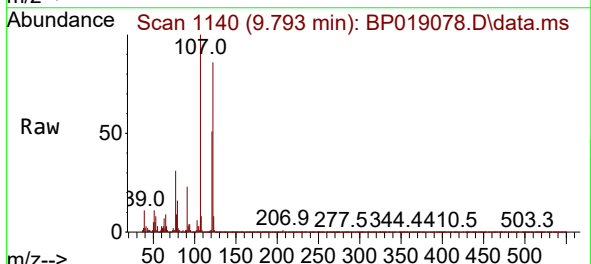
Instrument :
BNA_P
ClientSampleId :
SLCS026

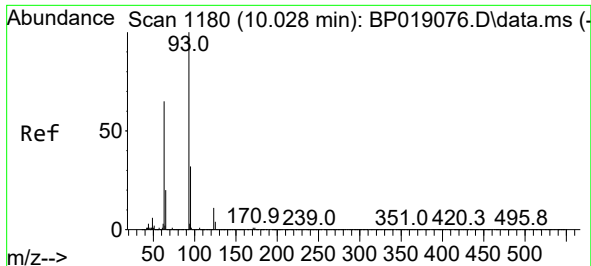
Tgt Ion:139 Resp: 122179
Ion Ratio Lower Upper
139 100
65 47.7 39.1 58.7
109 31.5 23.8 35.6



#26
2,4-Dimethylphenol
Concen: 32.588 ng/ul
RT: 9.793 min Scan# 1140
Delta R.T. -0.012 min
Lab File: BP019078.D
Acq: 26 Dec 2023 12:01

Tgt Ion:107 Resp: 234740
Ion Ratio Lower Upper
107 100
121 50.6 40.0 60.0
122 85.8 69.1 103.7





#27

Bis(2-Chloroethoxy)methane

Concen: 28.513 ng/ul

RT: 10.028 min Scan# 1180

Delta R.T. -0.012 min

Lab File: BP019078.D

Acq: 26 Dec 2023 12:01

Instrument :

BNA_P

ClientSampleId :

SLCS026

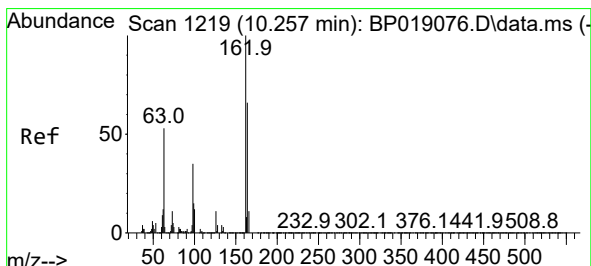
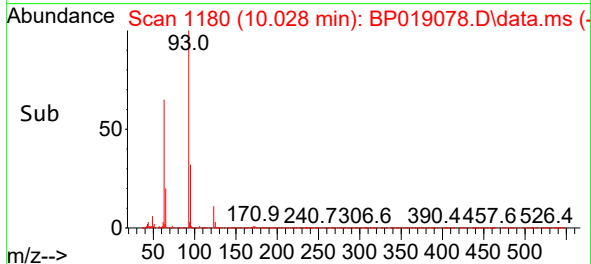
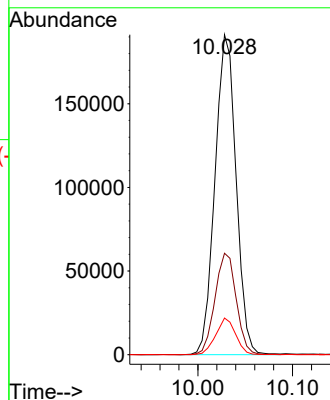
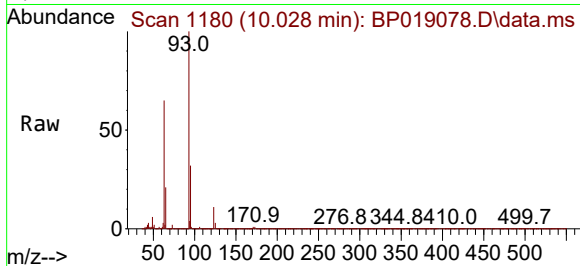
Tgt Ion: 93 Resp: 296075

Ion Ratio Lower Upper

93 100

95 31.7 26.1 39.1

123 11.4 8.9 13.3



#29

2,4-Dichlorophenol

Concen: 32.338 ng/ul

RT: 10.257 min Scan# 1219

Delta R.T. -0.012 min

Lab File: BP019078.D

Acq: 26 Dec 2023 12:01

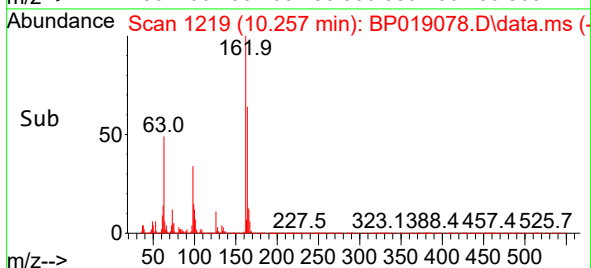
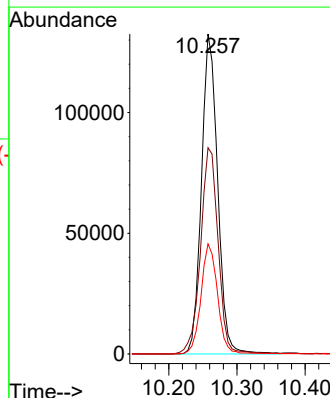
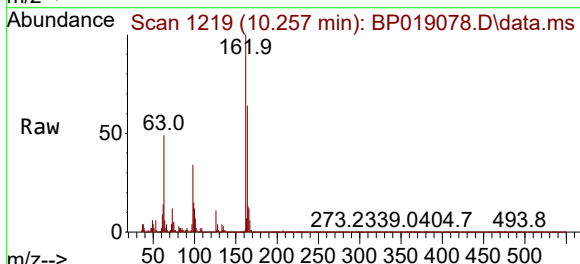
Tgt Ion: 162 Resp: 219095

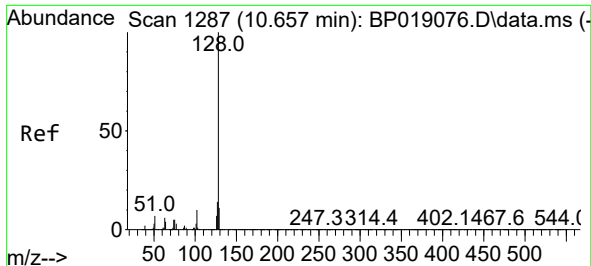
Ion Ratio Lower Upper

162 100

164 64.5 51.7 77.5

98 34.4 29.2 43.8

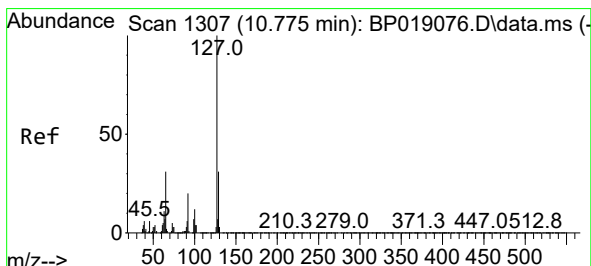
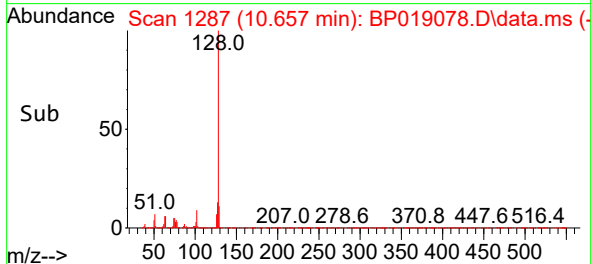
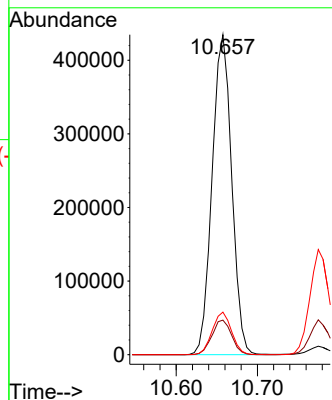
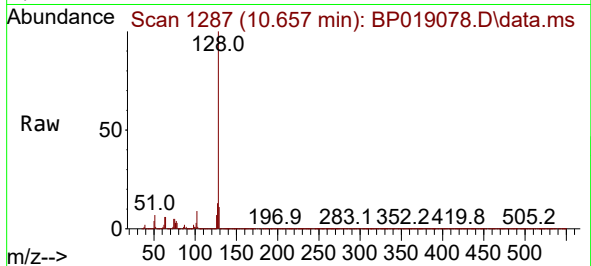




#30
Naphthalene
Concen: 32.199 ng/ul
RT: 10.657 min Scan# 1287
Delta R.T. -0.012 min
Lab File: BP019078.D
Acq: 26 Dec 2023 12:01

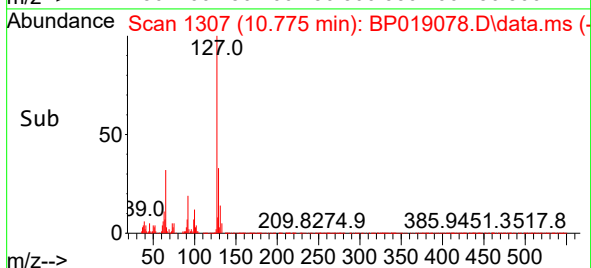
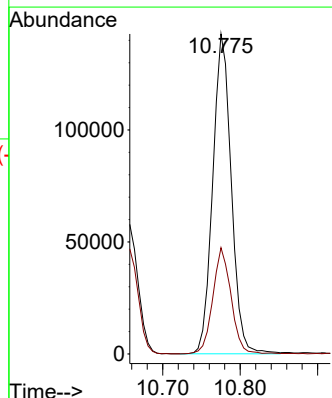
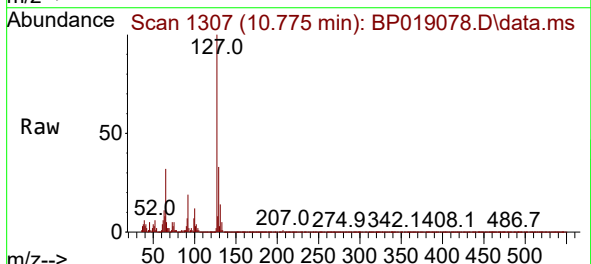
Instrument :
BNA_P
ClientSampleId :
SLCS026

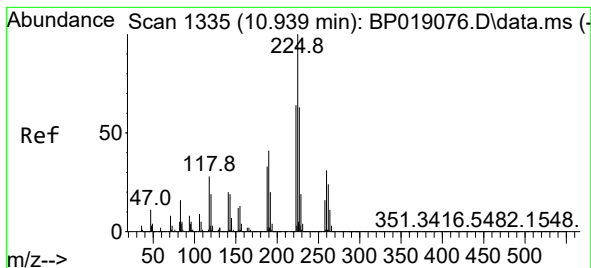
Tgt Ion:128 Resp: 728167
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.3 10.5 15.7



#32
4-Chloroaniline
Concen: 27.165 ng/ul
RT: 10.775 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BP019078.D
Acq: 26 Dec 2023 12:01

Tgt Ion:127 Resp: 238005
Ion Ratio Lower Upper
127 100
129 33.2 25.6 38.4





#33

Hexachlorobutadiene

Concen: 38.445 ng/ul

RT: 10.940 min Scan# 1335

Delta R.T. -0.012 min

Lab File: BP019078.D

Acq: 26 Dec 2023 12:01

Instrument :

BNA_P

ClientSampleId :

SLCS026

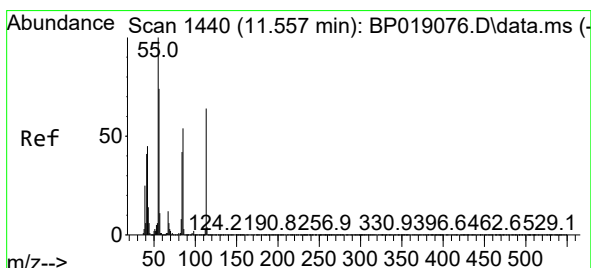
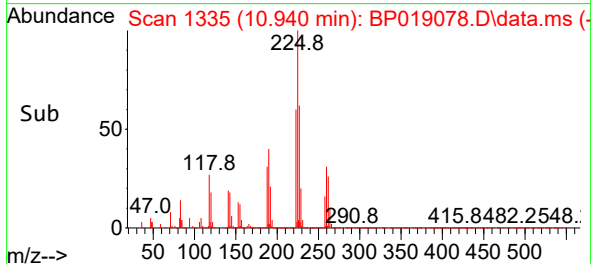
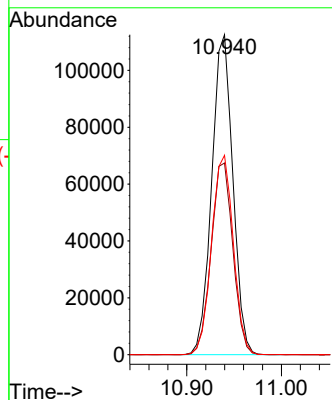
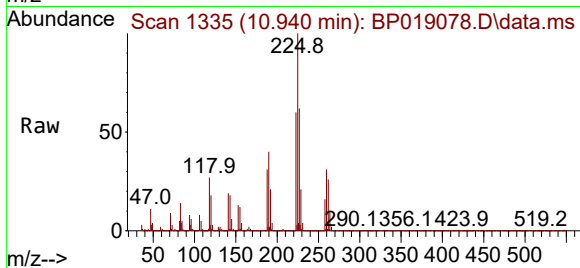
Tgt Ion:225 Resp: 174443

Ion Ratio Lower Upper

225 100

223 59.9 49.5 74.3

227 62.3 50.9 76.3



#34

Caprolactam

Concen: 27.320 ng/ul

RT: 11.557 min Scan# 1440

Delta R.T. -0.006 min

Lab File: BP019078.D

Acq: 26 Dec 2023 12:01

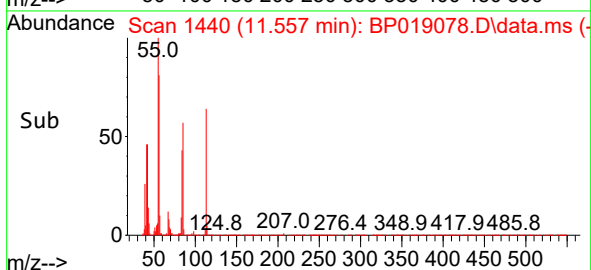
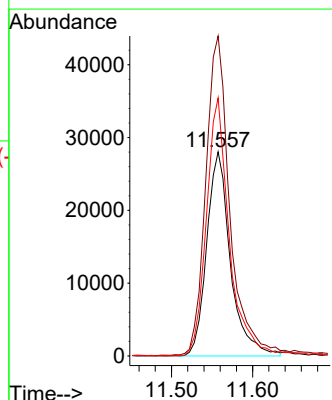
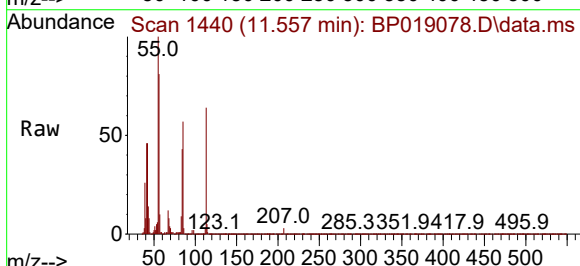
Tgt Ion:113 Resp: 56757

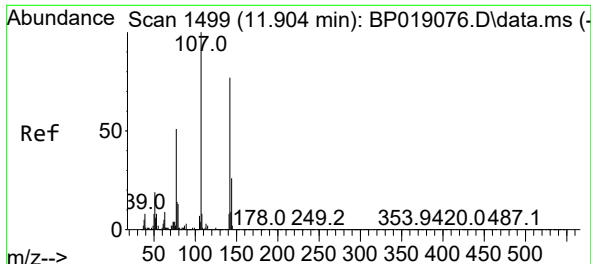
Ion Ratio Lower Upper

113 100

55 156.8 133.7 200.5

56 126.4 97.4 146.2

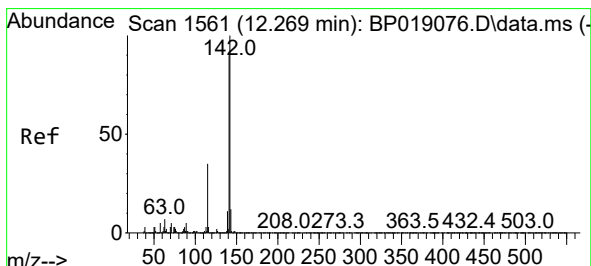
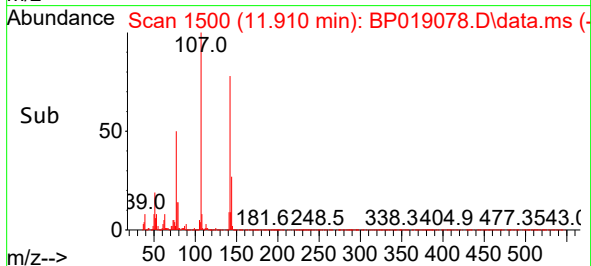
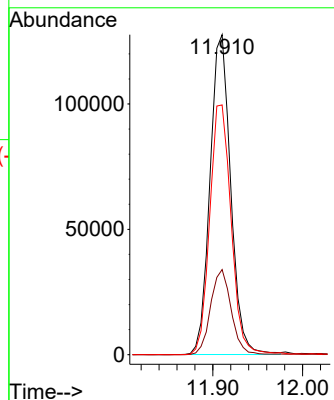
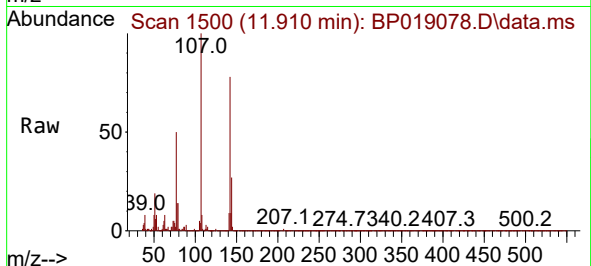




#35
4-Chloro-3-methylphenol
Concen: 26.904 ng/ul
RT: 11.910 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BP019078.D
Acq: 26 Dec 2023 12:01

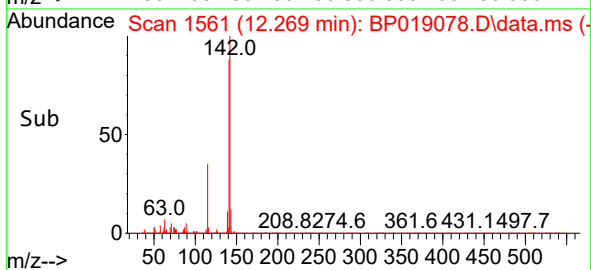
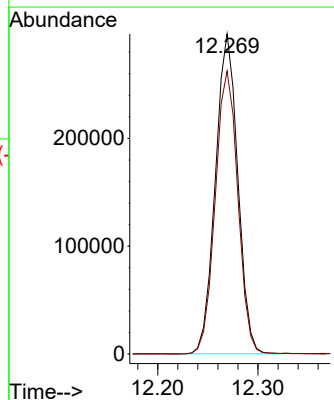
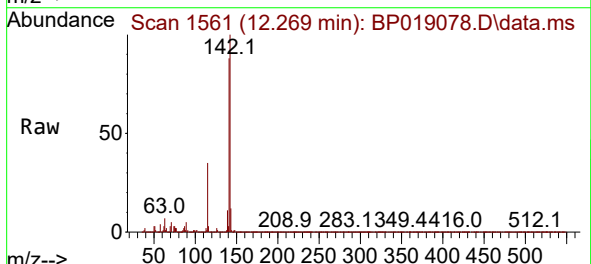
Instrument :
BNA_P
ClientSampleId :
SLCS026

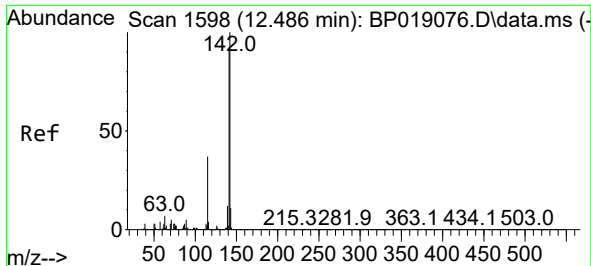
Tgt Ion:107 Resp: 204198
Ion Ratio Lower Upper
107 100
144 26.6 21.0 31.6
142 78.1 63.6 95.4



#36
2-Methylnaphthalene
Concen: 28.645 ng/ul
RT: 12.269 min Scan# 1561
Delta R.T. -0.012 min
Lab File: BP019078.D
Acq: 26 Dec 2023 12:01

Tgt Ion:142 Resp: 458919
Ion Ratio Lower Upper
142 100
141 88.4 71.4 107.0





#37

1-Methylnaphthalene

Concen: 27.857 ng/ul

RT: 12.487 min Scan# 1598

Delta R.T. -0.012 min

Lab File: BP019078.D

Acq: 26 Dec 2023 12:01

Instrument :

BNA_P

ClientSampleId :

SLCS026

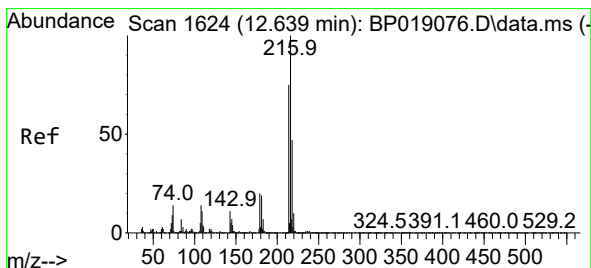
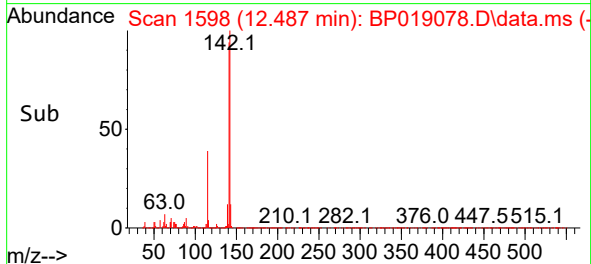
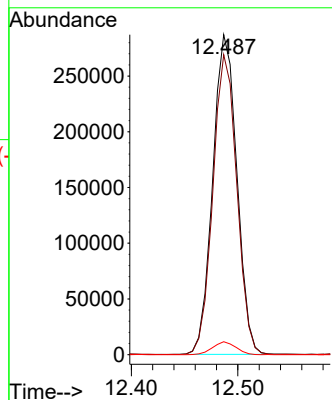
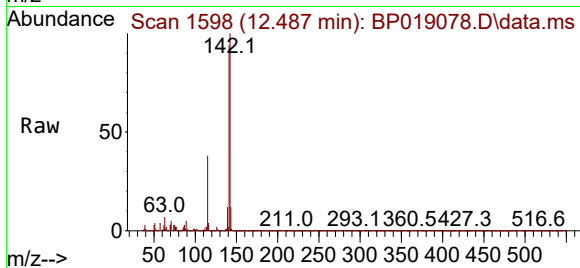
Tgt Ion:142 Resp: 450705

Ion Ratio Lower Upper

142 100

141 93.8 73.5 110.3

116 4.0 2.8 4.2



#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.872 ng/ul

RT: 12.640 min Scan# 1624

Delta R.T. -0.006 min

Lab File: BP019078.D

Acq: 26 Dec 2023 12:01

Tgt Ion:216 Resp: 282653

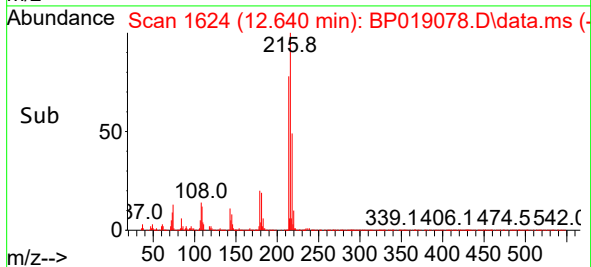
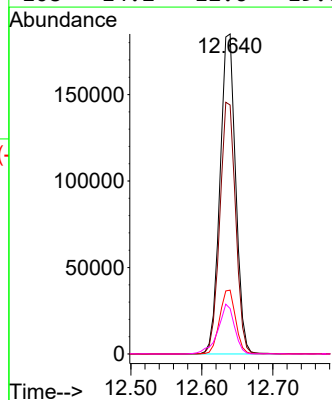
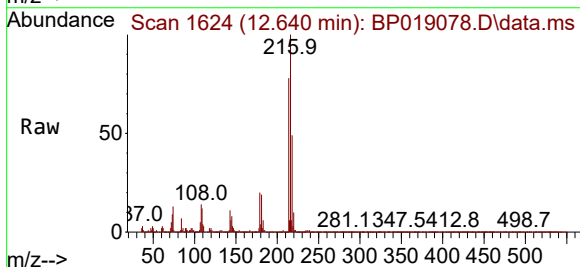
Ion Ratio Lower Upper

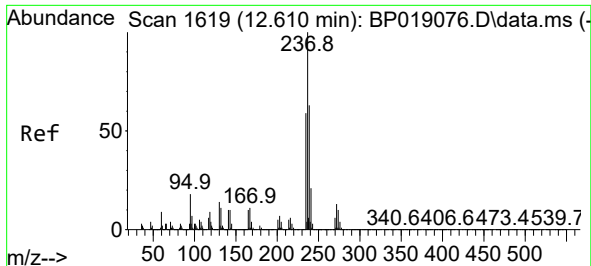
216 100

214 77.8 63.9 95.9

179 19.9 16.3 24.5

108 14.2 12.6 19.0

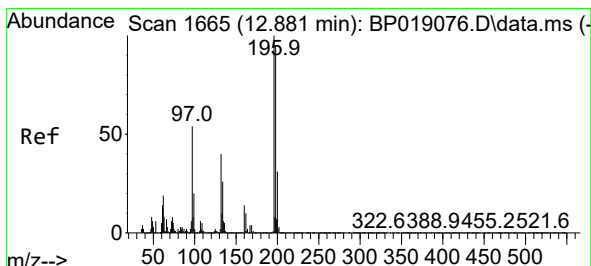
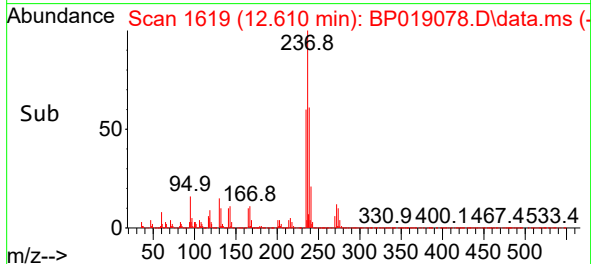
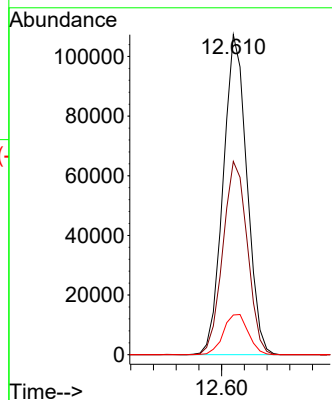
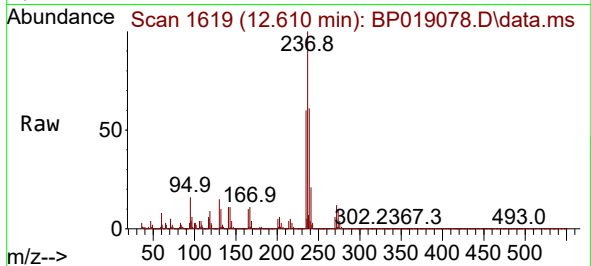




#40
Hexachlorocyclopentadiene
Concen: 35.188 ng/ul
RT: 12.610 min Scan# 1619
Delta R.T. -0.012 min
Lab File: BP019078.D
Acq: 26 Dec 2023 12:01

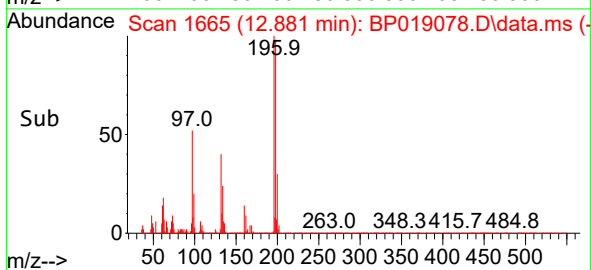
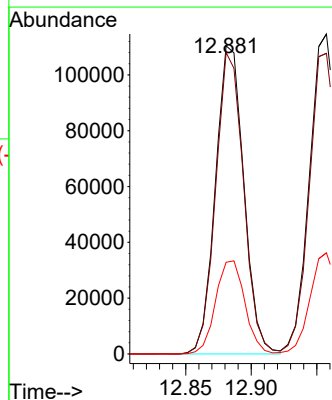
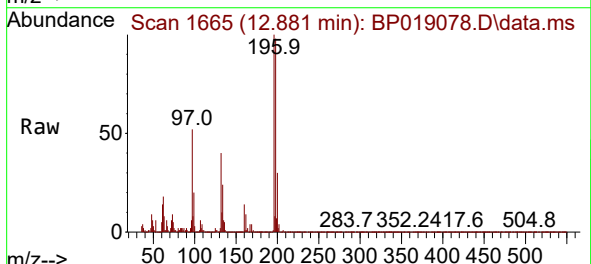
Instrument :
BNA_P
ClientSampleId :
SLCS026

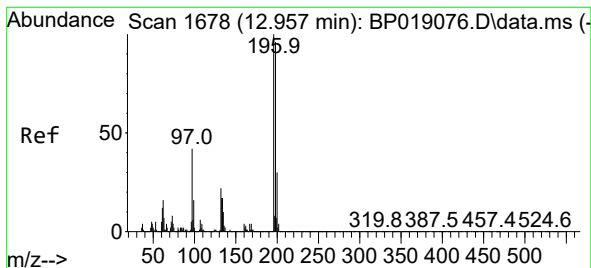
Tgt Ion:237 Resp: 155662
Ion Ratio Lower Upper
237 100
235 60.4 49.4 74.0
272 12.4 9.8 14.8



#41
2,4,6-Trichlorophenol
Concen: 34.597 ng/ul
RT: 12.881 min Scan# 1665
Delta R.T. -0.012 min
Lab File: BP019078.D
Acq: 26 Dec 2023 12:01

Tgt Ion:196 Resp: 166102
Ion Ratio Lower Upper
196 100
198 97.9 76.9 115.3
200 29.7 25.0 37.6





#42

2,4,5-Trichlorophenol

Concen: 34.571 ng/ul

RT: 12.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019078.D

Acq: 26 Dec 2023 12:01

Instrument :

BNA_P

ClientSampleId :

SLCS026

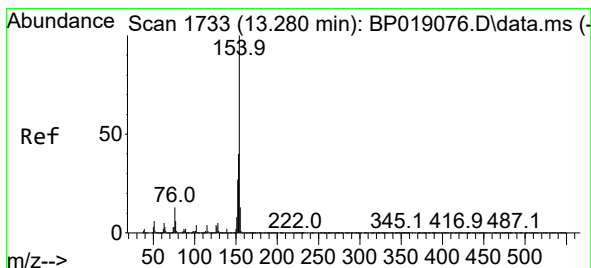
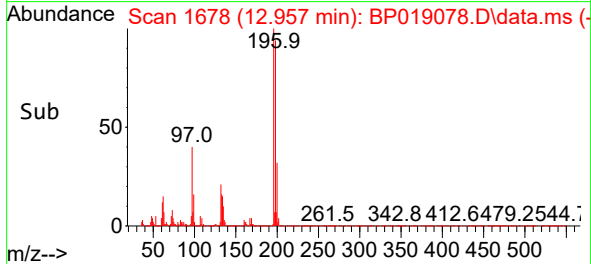
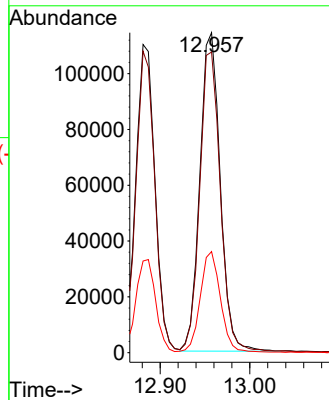
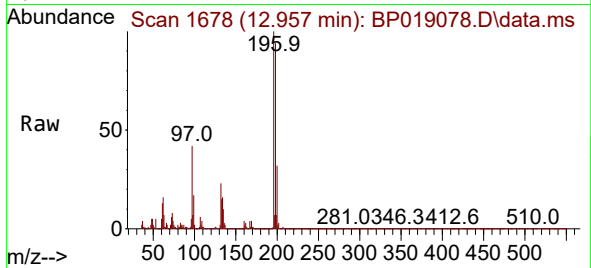
Tgt Ion:196 Resp: 179944

Ion Ratio Lower Upper

196 100

198 94.0 77.9 116.9

200 31.6 25.2 37.8



#43

1,1'-Biphenyl

Concen: 33.252 ng/ul

RT: 13.281 min Scan# 1733

Delta R.T. -0.012 min

Lab File: BP019078.D

Acq: 26 Dec 2023 12:01

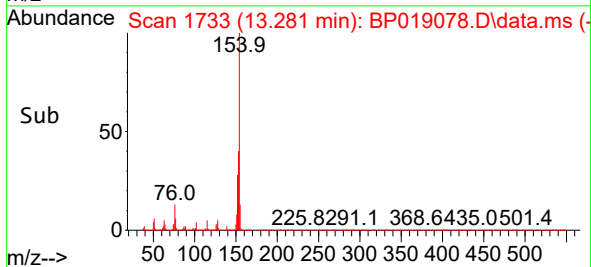
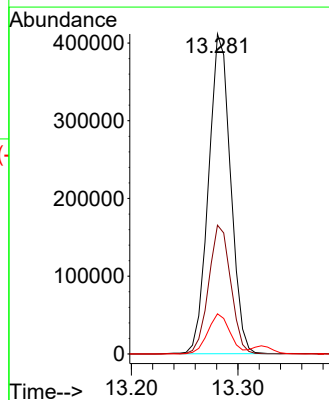
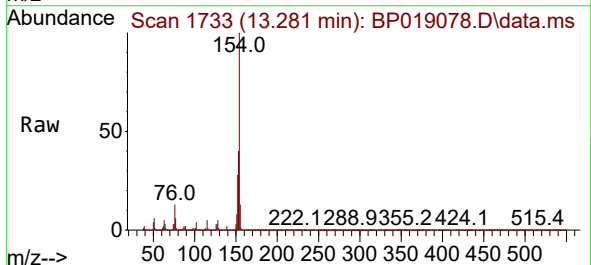
Tgt Ion:154 Resp: 591568

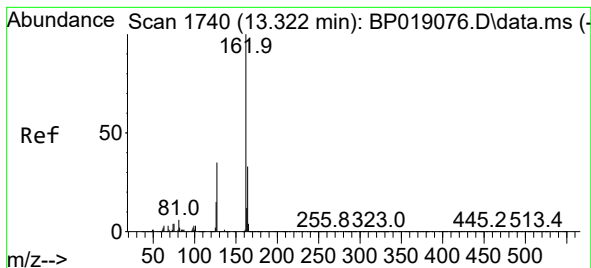
Ion Ratio Lower Upper

154 100

153 40.3 32.8 49.2

76 12.6 10.7 16.1

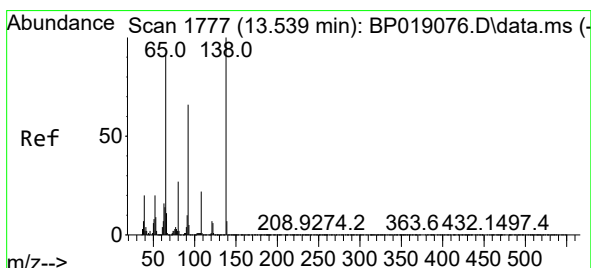
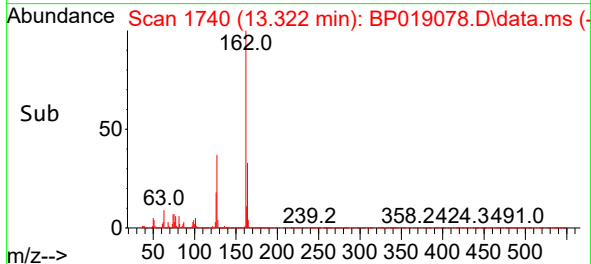
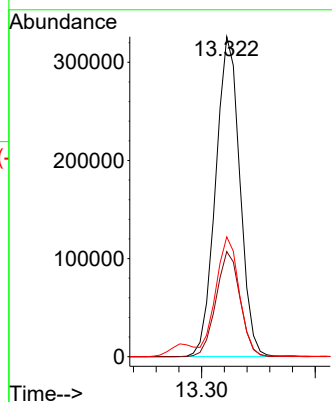
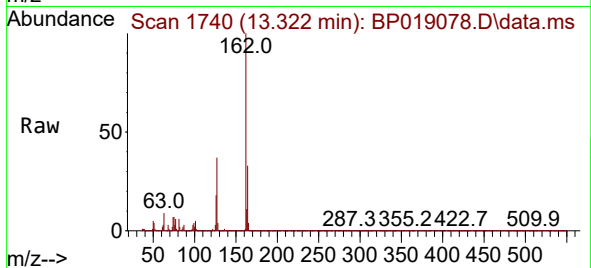




#44
2-Chloronaphthalene
Concen: 34.343 ng/ul
RT: 13.322 min Scan# 1740
Delta R.T. -0.012 min
Lab File: BP019078.D
Acq: 26 Dec 2023 12:01

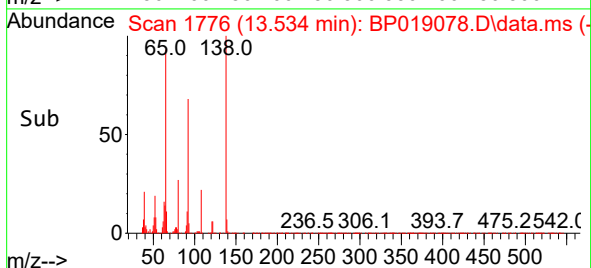
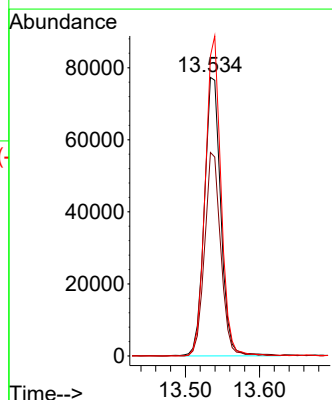
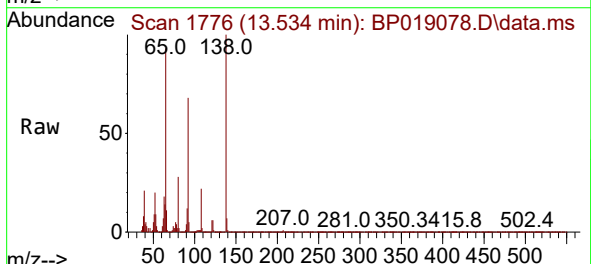
Instrument :
BNA_P
ClientSampleId :
SLCS026

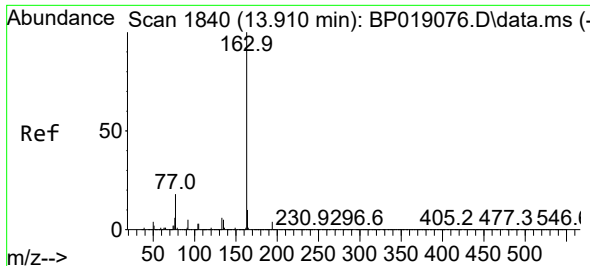
Tgt Ion:162 Resp: 482562
Ion Ratio Lower Upper
162 100
164 32.8 25.7 38.5
127 37.5 30.3 45.5



#45
2-Nitroaniline
Concen: 31.298 ng/ul
RT: 13.534 min Scan# 1776
Delta R.T. -0.012 min
Lab File: BP019078.D
Acq: 26 Dec 2023 12:01

Tgt Ion: 65 Resp: 119220
Ion Ratio Lower Upper
65 100
92 73.0 56.9 85.3
138 107.7 88.2 132.2

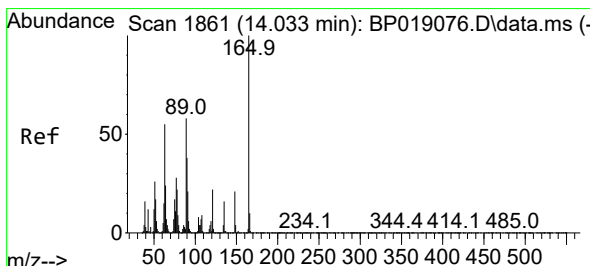
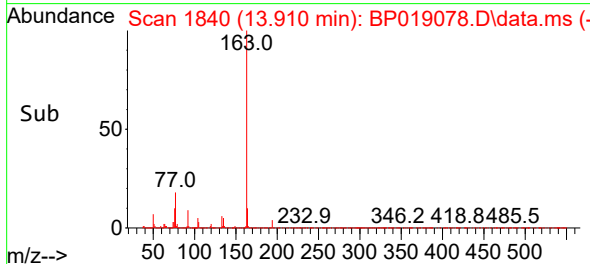
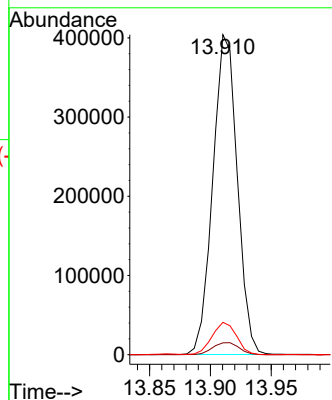
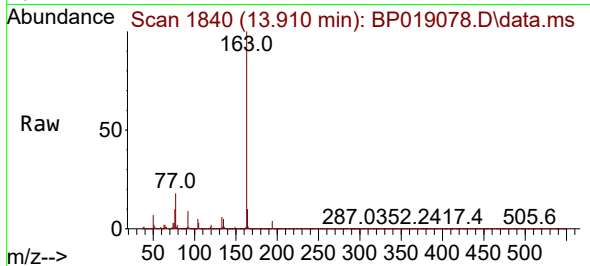




#47
Dimethylphthalate
Concen: 31.279 ng/ul
RT: 13.910 min Scan# 1840
Delta R.T. -0.012 min
Lab File: BP019078.D
Acq: 26 Dec 2023 12:01

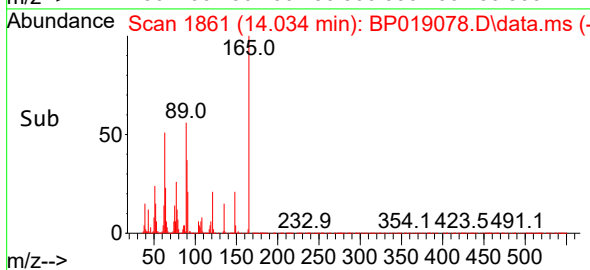
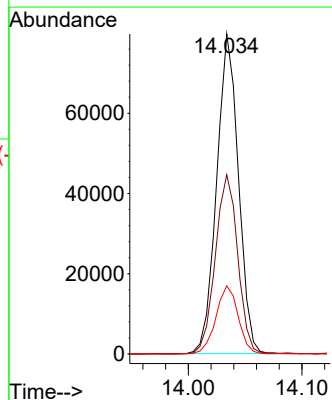
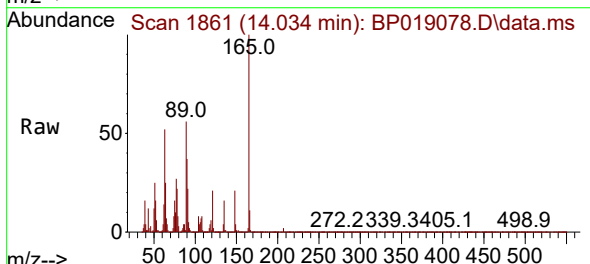
Instrument :
BNA_P
ClientSampleId :
SLCS026

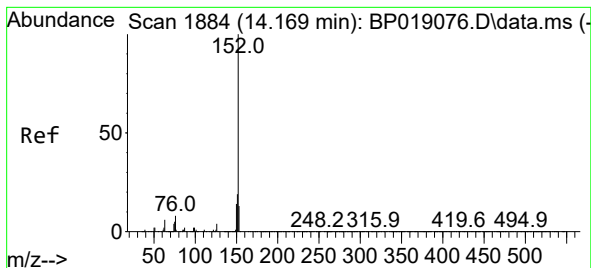
Tgt Ion:163 Resp: 565273
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.1 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 31.114 ng/ul
RT: 14.034 min Scan# 1861
Delta R.T. -0.012 min
Lab File: BP019078.D
Acq: 26 Dec 2023 12:01

Tgt Ion:165 Resp: 106234
Ion Ratio Lower Upper
165 100
89 56.0 46.6 70.0
121 21.3 17.3 25.9





#50

Acenaphthylene

Concen: 33.050 ng/ul

RT: 14.169 min Scan# 1884

Delta R.T. -0.012 min

Lab File: BP019078.D

Acq: 26 Dec 2023 12:01

Instrument :

BNA_P

ClientSampleId :

SLCS026

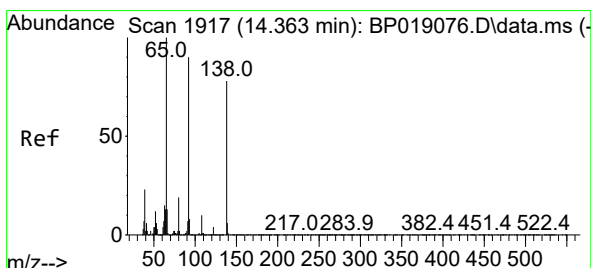
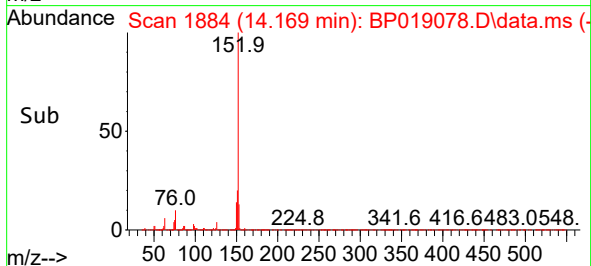
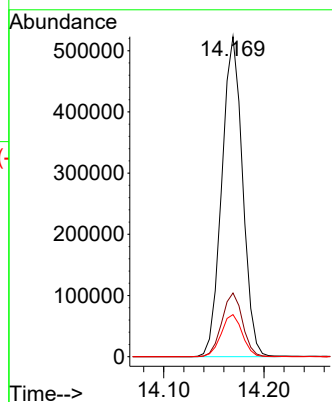
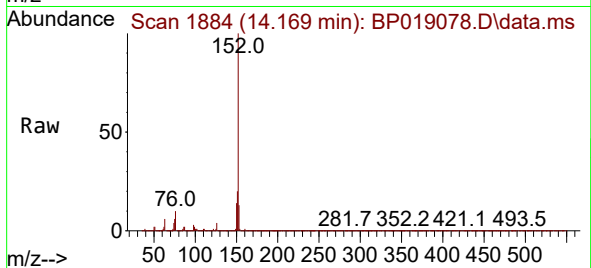
Tgt Ion:152 Resp: 751206

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.1 10.6 16.0



#51

3-Nitroaniline

Concen: 29.618 ng/ul

RT: 14.363 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BP019078.D

Acq: 26 Dec 2023 12:01

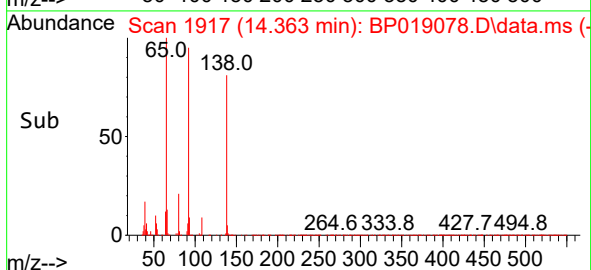
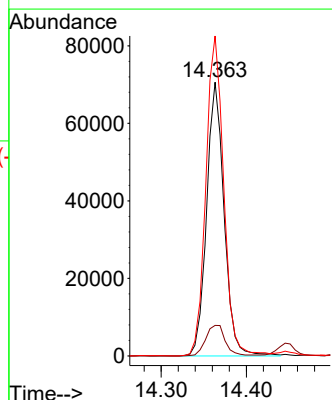
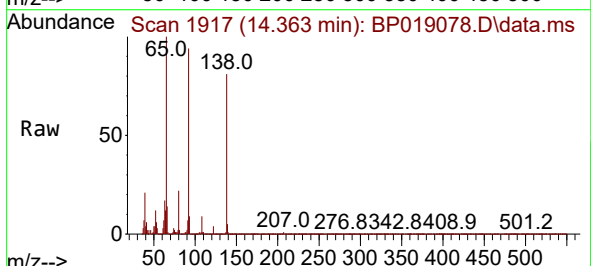
Tgt Ion:138 Resp: 100951

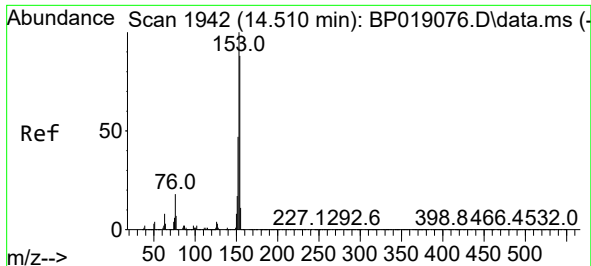
Ion Ratio Lower Upper

138 100

108 11.2 9.5 14.3

92 116.9 93.1 139.7

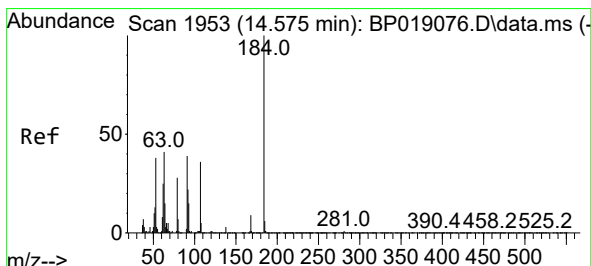
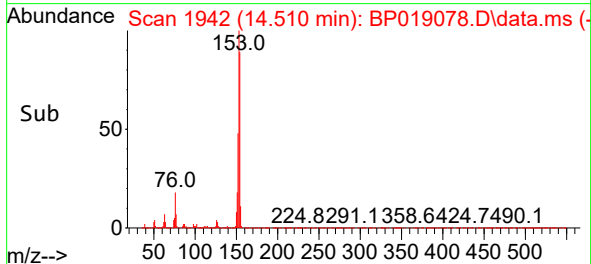
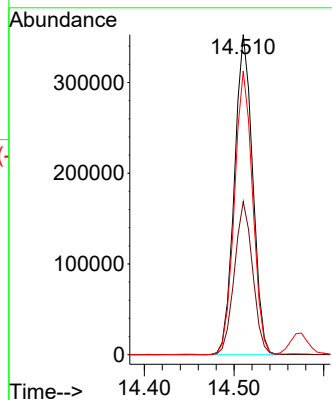
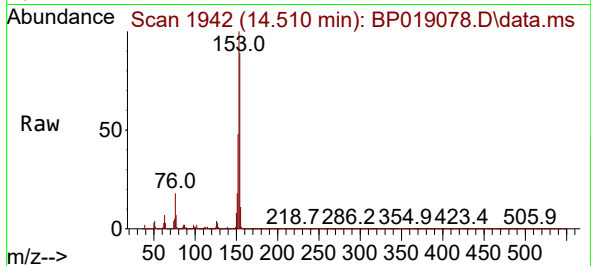




#52
Acenaphthene
Concen: 33.228 ng/ul
RT: 14.510 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BP019078.D
Acq: 26 Dec 2023 12:01

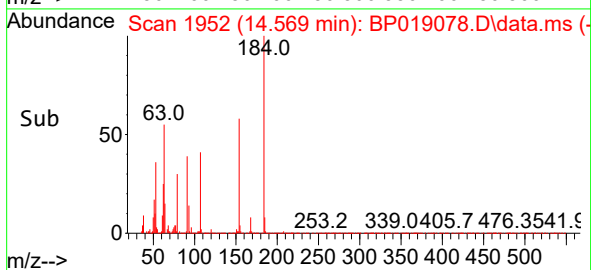
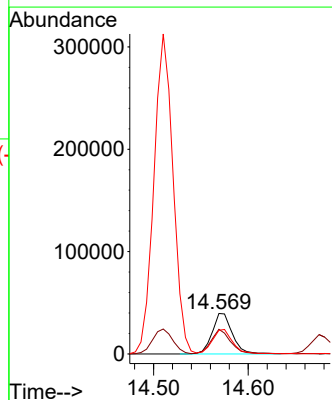
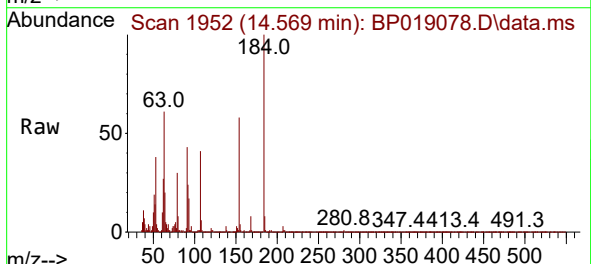
Instrument :
BNA_P
ClientSampleId :
SLCS026

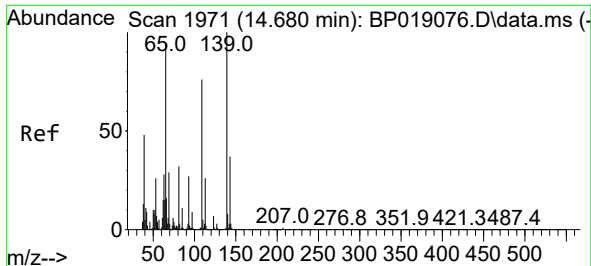
Tgt Ion:153 Resp: 499361
Ion Ratio Lower Upper
153 100
152 47.8 38.1 57.1
154 88.6 71.7 107.5



#53
2,4-Dinitrophenol
Concen: 32.481 ng/ul
RT: 14.569 min Scan# 1952
Delta R.T. -0.012 min
Lab File: BP019078.D
Acq: 26 Dec 2023 12:01

Tgt Ion:184 Resp: 58777
Ion Ratio Lower Upper
184 100
63 60.7 48.2 72.4
154 58.4 49.1 73.7

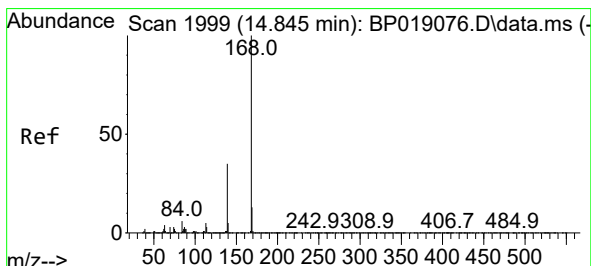
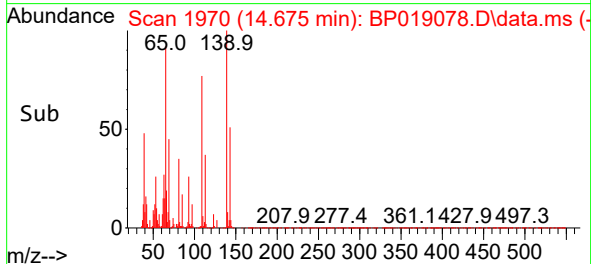
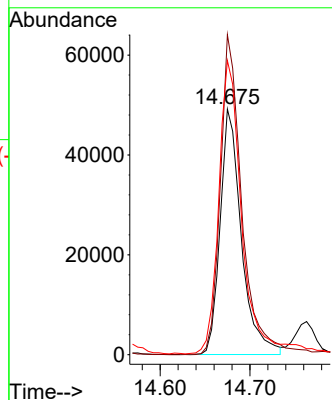
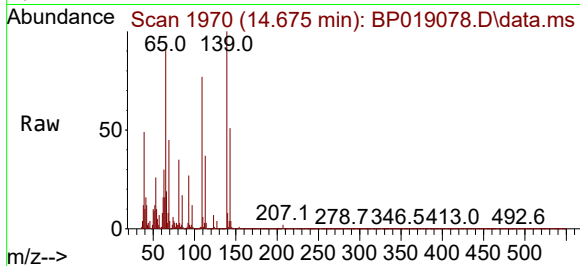




#55
4-Nitrophenol
Concen: 35.493 ng/ul
RT: 14.675 min Scan# 1970
Delta R.T. -0.012 min
Lab File: BP019078.D
Acq: 26 Dec 2023 12:01

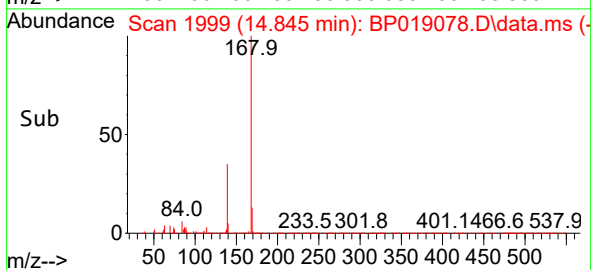
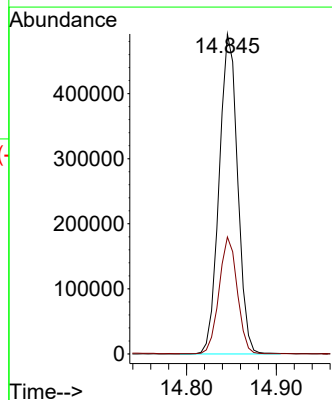
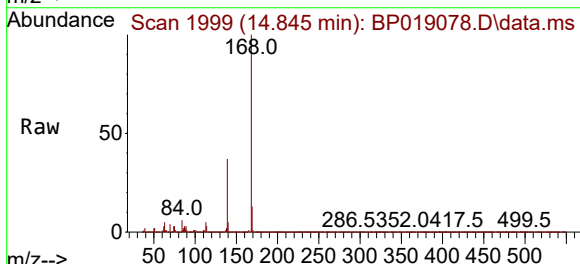
Instrument :
BNA_P
ClientSampleId :
SLCS026

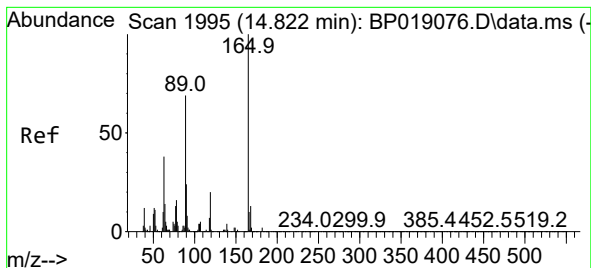
Tgt Ion:109 Resp: 80811
Ion Ratio Lower Upper
109 100
139 130.3 109.0 163.4
65 119.8 106.2 159.4



#56
Dibenzofuran
Concen: 33.648 ng/ul
RT: 14.845 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BP019078.D
Acq: 26 Dec 2023 12:01

Tgt Ion:168 Resp: 702822
Ion Ratio Lower Upper
168 100
139 36.5 29.1 43.7

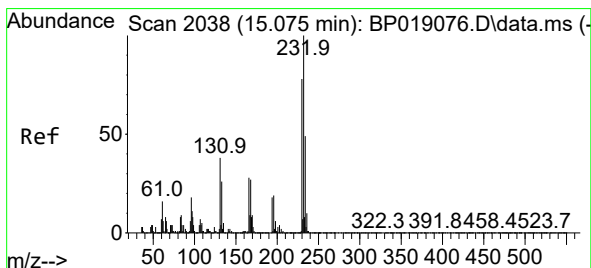
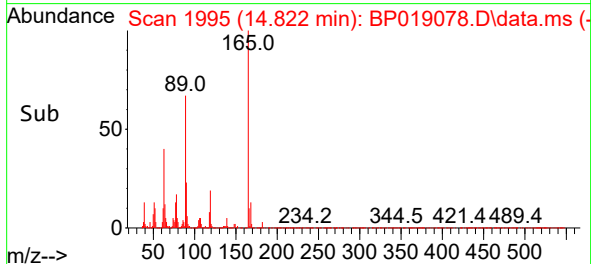
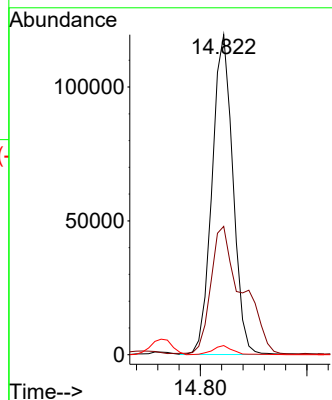
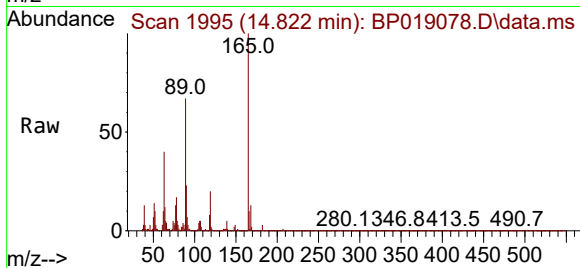




#57
2,4-Dinitrotoluene
Concen: 33.797 ng/ul
RT: 14.822 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BP019078.D
Acq: 26 Dec 2023 12:01

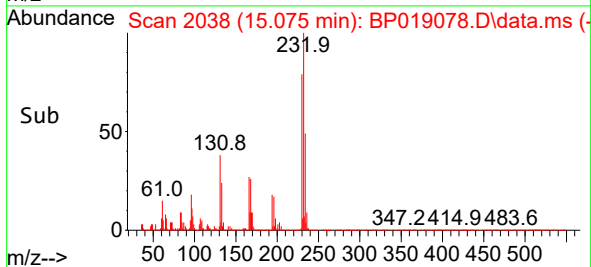
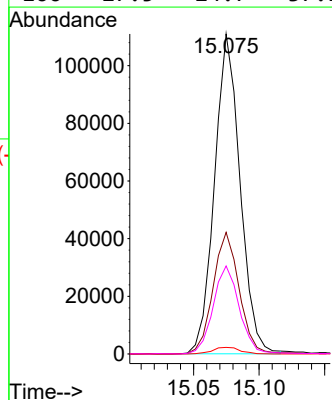
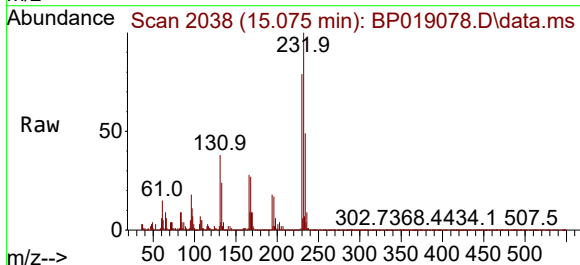
Instrument :
BNA_P
ClientSampleId :
SLCS026

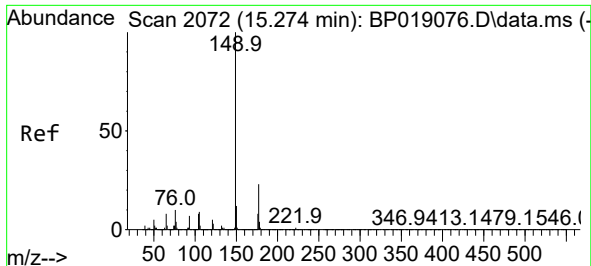
Tgt Ion:165 Resp: 162321
Ion Ratio Lower Upper
165 100
63 40.1 32.7 49.1
182 2.8 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 34.361 ng/ul
RT: 15.075 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BP019078.D
Acq: 26 Dec 2023 12:01

Tgt Ion:232 Resp: 150020
Ion Ratio Lower Upper
232 100
131 38.0 33.8 50.8
130 2.0 1.8 2.8
166 27.5 24.7 37.1

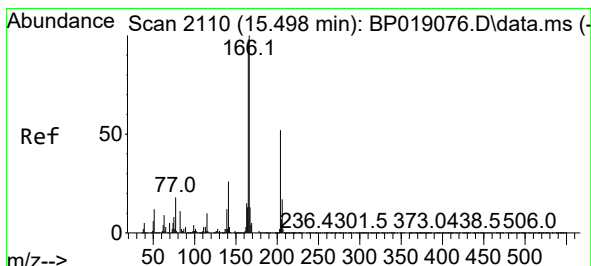
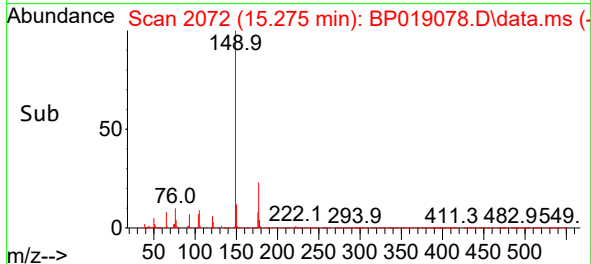
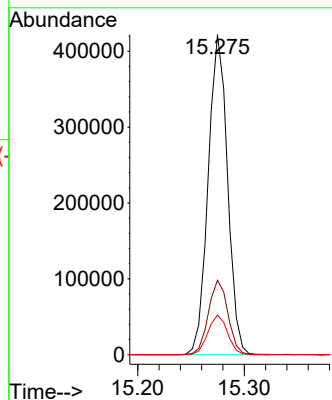
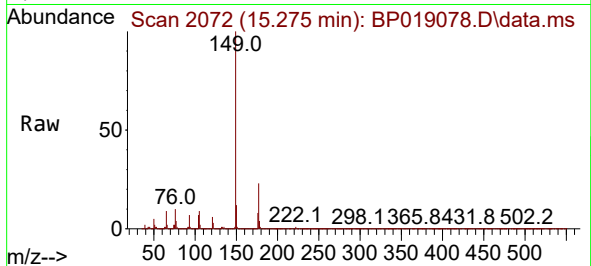




#59
Diethylphthalate
Concen: 30.194 ng/ul
RT: 15.275 min Scan# 2072
Delta R.T. -0.012 min
Lab File: BP019078.D
Acq: 26 Dec 2023 12:01

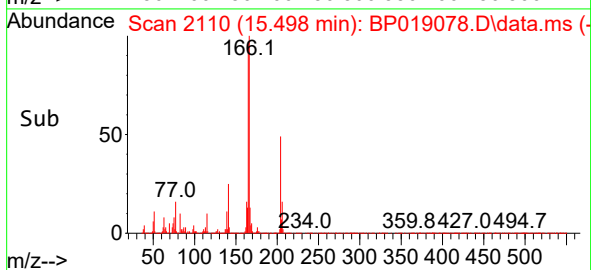
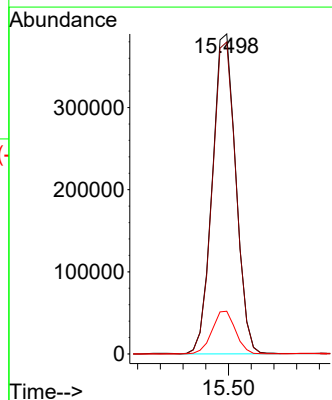
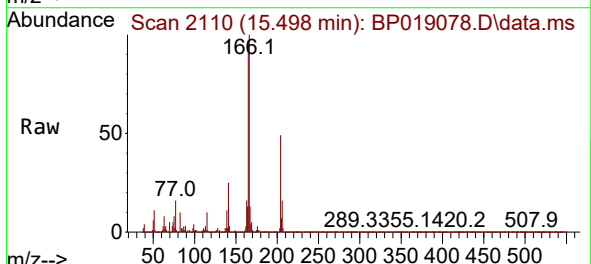
Instrument :
BNA_P
ClientSampleId :
SLCS026

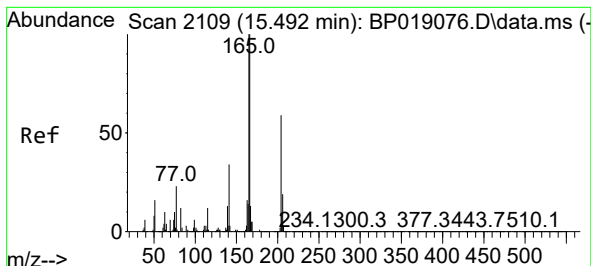
Tgt Ion:149 Resp: 533974
Ion Ratio Lower Upper
149 100
177 23.3 18.2 27.4
150 12.4 9.9 14.9



#61
Fluorene
Concen: 33.865 ng/ul
RT: 15.498 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BP019078.D
Acq: 26 Dec 2023 12:01

Tgt Ion:166 Resp: 559710
Ion Ratio Lower Upper
166 100
165 97.5 78.0 117.0
167 13.4 10.8 16.2

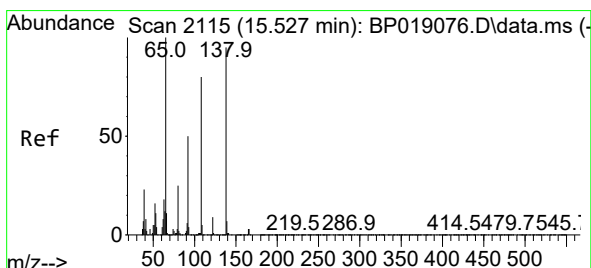
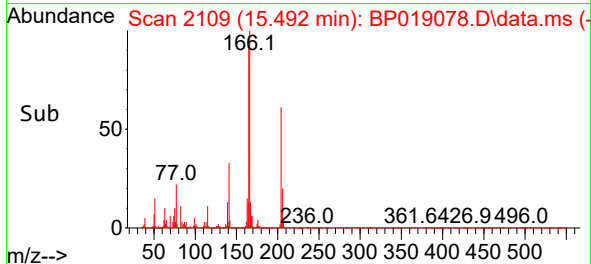
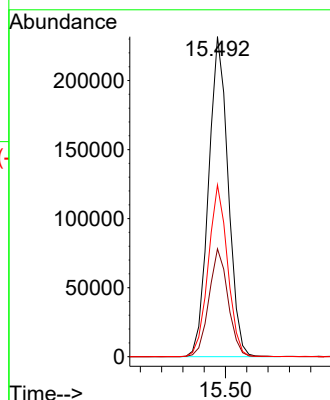
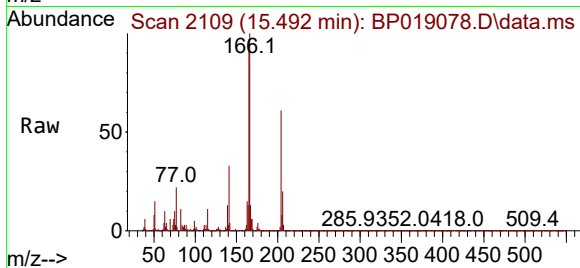




#62
4-Chlorophenyl-phenylether
Concen: 34.101 ng/ul
RT: 15.492 min Scan# 2109
Delta R.T. -0.012 min
Lab File: BP019078.D
Acq: 26 Dec 2023 12:01

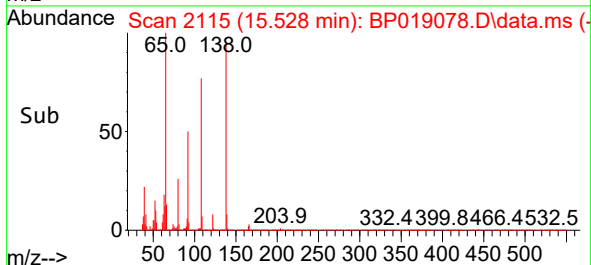
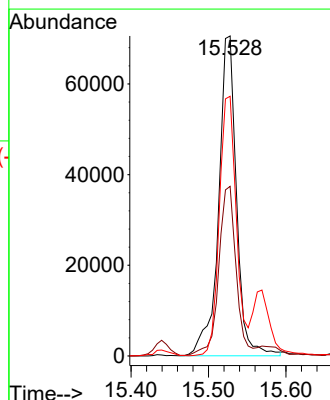
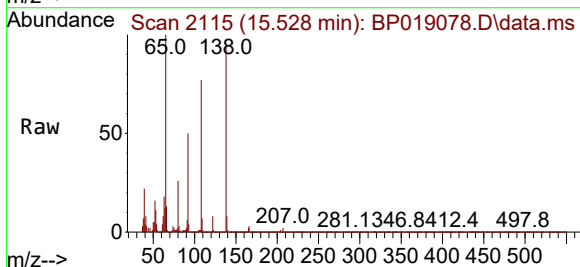
Instrument :
BNA_P
ClientSampleId :
SLCS026

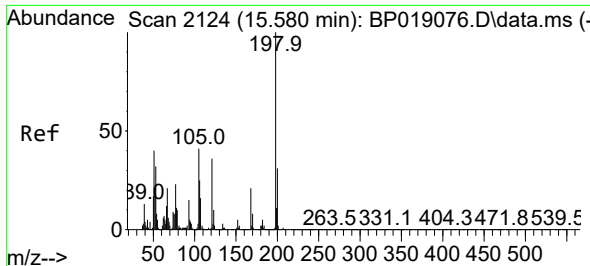
Tgt Ion:204 Resp: 295591
Ion Ratio Lower Upper
204 100
206 33.7 27.1 40.7
141 53.7 45.8 68.8



#63
4-Nitroaniline
Concen: 34.887 ng/ul
RT: 15.528 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BP019078.D
Acq: 26 Dec 2023 12:01

Tgt Ion:138 Resp: 113279
Ion Ratio Lower Upper
138 100
92 53.0 42.3 63.5
108 81.1 62.0 93.0

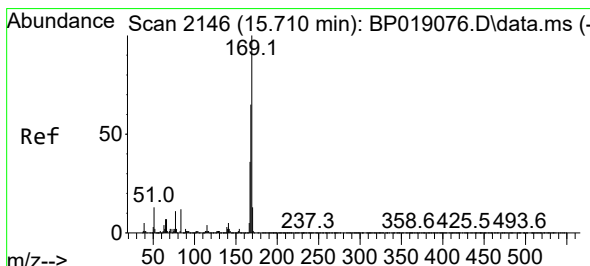
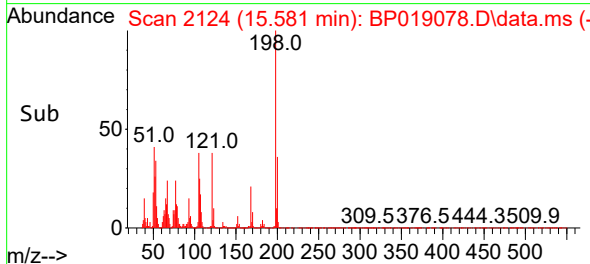
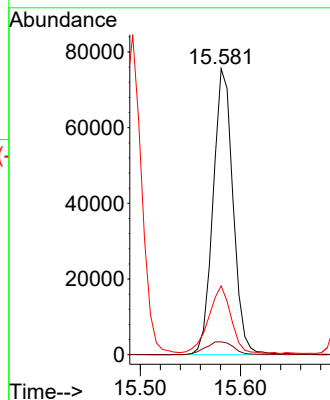
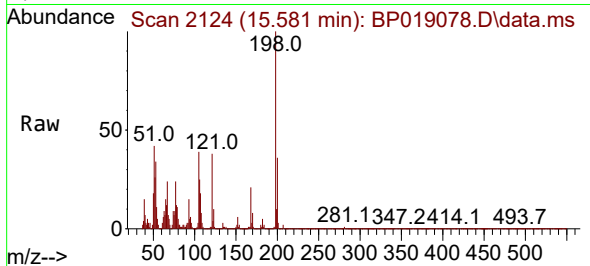




#66
4,6-Dinitro-2-methylphenol
Concen: 35.358 ng/ul
RT: 15.581 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BP019078.D
Acq: 26 Dec 2023 12:01

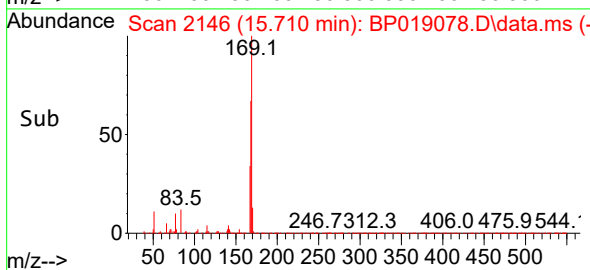
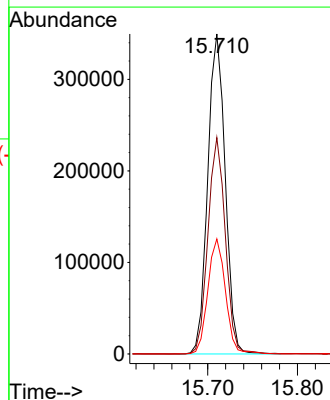
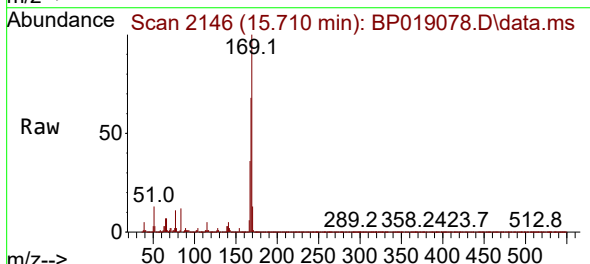
Instrument :
BNA_P
ClientSampleId :
SLCS026

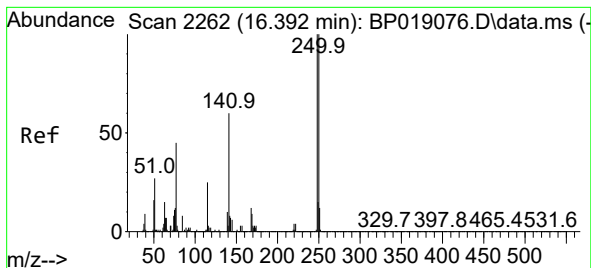
Tgt Ion:198 Resp: 104185
Ion Ratio Lower Upper
198 100
182 4.5 3.4 5.2
77 24.1 20.6 30.8



#67
N-Nitrosodiphenylamine
Concen: 31.015 ng/ul
RT: 15.710 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BP019078.D
Acq: 26 Dec 2023 12:01

Tgt Ion:169 Resp: 472395
Ion Ratio Lower Upper
169 100
168 67.6 53.1 79.7
167 35.9 29.1 43.7

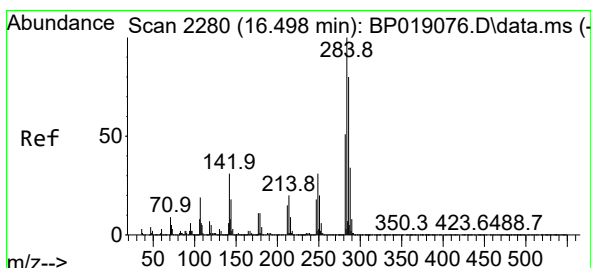
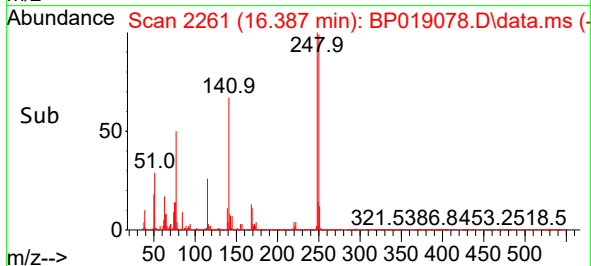
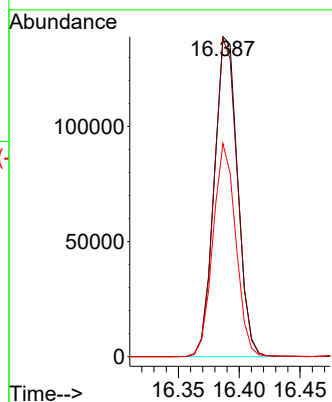
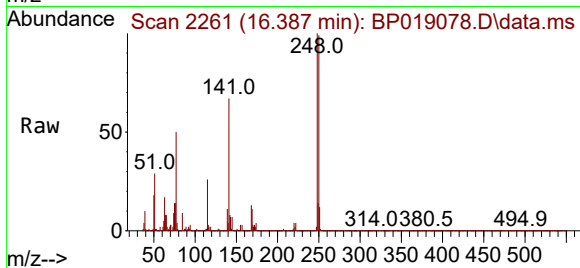




#68
4-Bromophenyl-phenylether
Concen: 32.056 ng/ul
RT: 16.387 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP019078.D
Acq: 26 Dec 2023 12:01

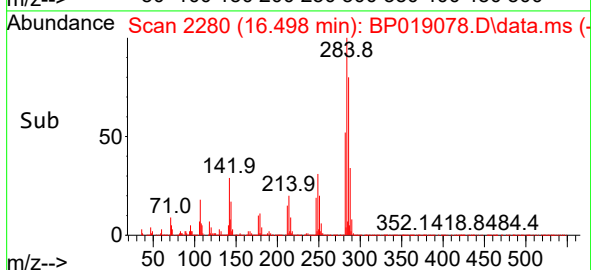
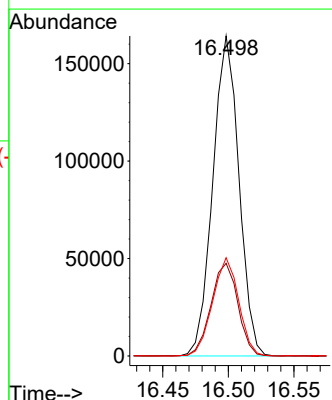
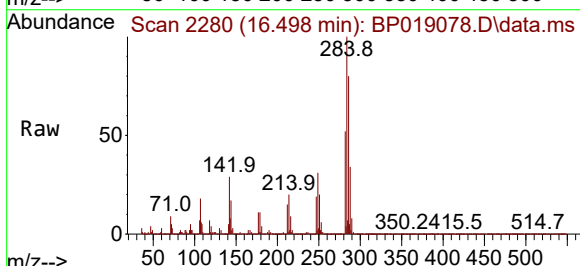
Instrument :
BNA_P
ClientSampleId :
SLCS026

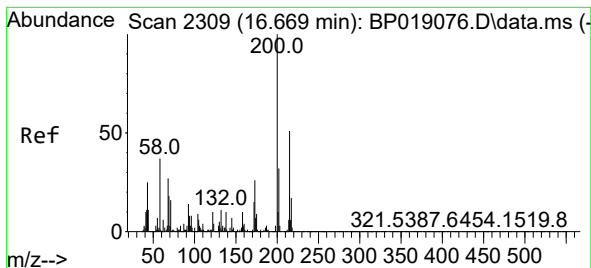
Tgt Ion:248 Resp: 186016
Ion Ratio Lower Upper
248 100
250 99.4 79.3 118.9
141 66.6 57.2 85.8



#69
Hexachlorobenzene
Concen: 35.070 ng/ul
RT: 16.498 min Scan# 2280
Delta R.T. -0.012 min
Lab File: BP019078.D
Acq: 26 Dec 2023 12:01

Tgt Ion:284 Resp: 227213
Ion Ratio Lower Upper
284 100
142 29.0 25.8 38.6
249 30.7 24.9 37.3





#70

Atrazine

Concen: 37.312 ng/ul

RT: 16.669 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019078.D

Acq: 26 Dec 2023 12:01

Instrument :

BNA_P

ClientSampleId :

SLCS026

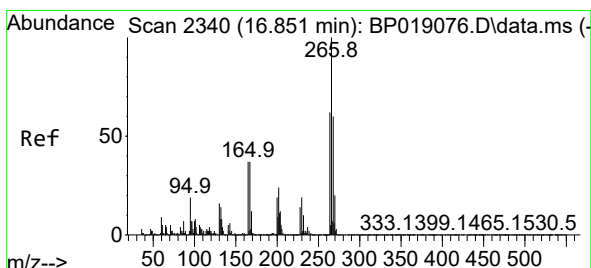
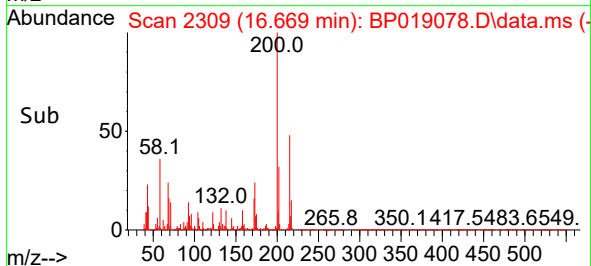
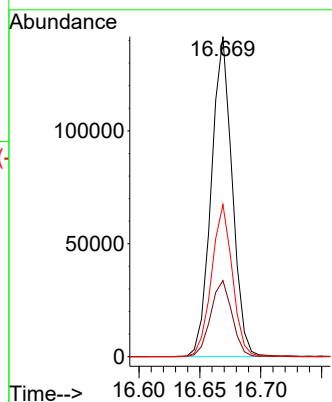
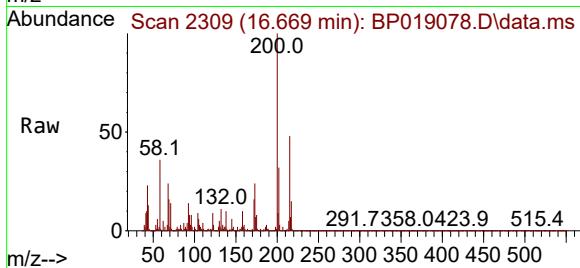
Tgt Ion:200 Resp: 168958

Ion Ratio Lower Upper

200 100

173 23.8 21.0 31.4

215 47.6 38.2 57.2



#71

Pentachlorophenol

Concen: 34.445 ng/ul

RT: 16.845 min Scan# 2339

Delta R.T. -0.012 min

Lab File: BP019078.D

Acq: 26 Dec 2023 12:01

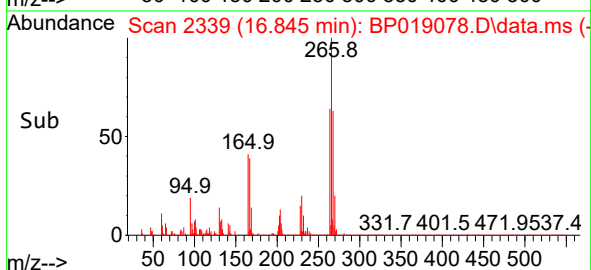
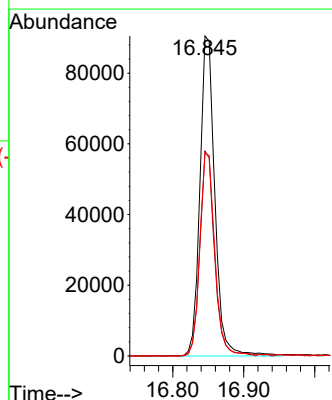
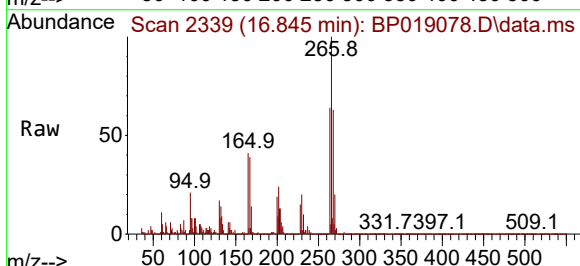
Tgt Ion:266 Resp: 132722

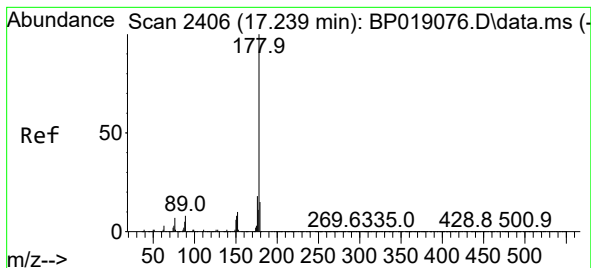
Ion Ratio Lower Upper

266 100

264 64.0 50.2 75.2

268 63.4 50.5 75.7





#72

Phenanthrene

Concen: 33.429 ng/ul

RT: 17.239 min Scan# 2406

Delta R.T. -0.012 min

Lab File: BP019078.D

Acq: 26 Dec 2023 12:01

Instrument :

BNA_P

ClientSampleId :

SLCS026

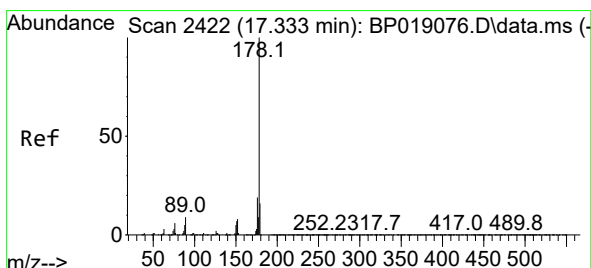
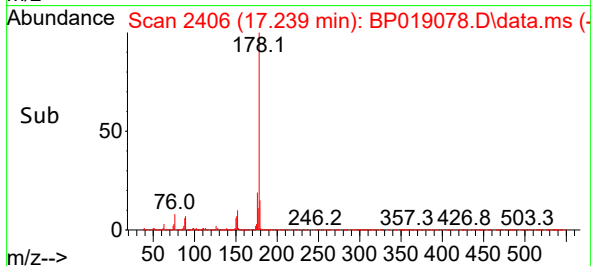
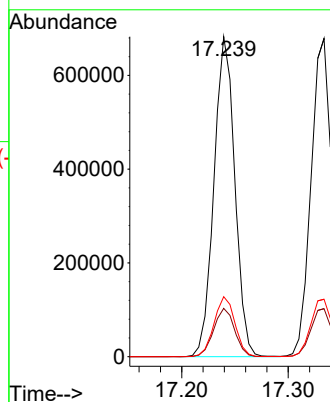
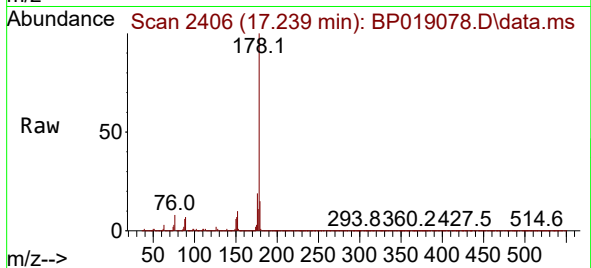
Tgt Ion:178 Resp: 928005

Ion Ratio Lower Upper

178 100

179 15.1 12.3 18.5

176 18.8 15.4 23.2



#74

Anthracene

Concen: 33.904 ng/ul

RT: 17.334 min Scan# 2422

Delta R.T. -0.006 min

Lab File: BP019078.D

Acq: 26 Dec 2023 12:01

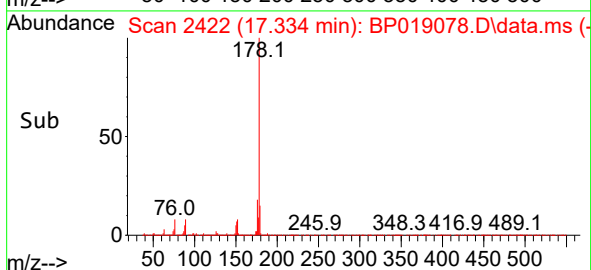
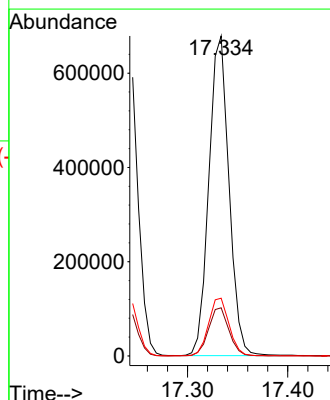
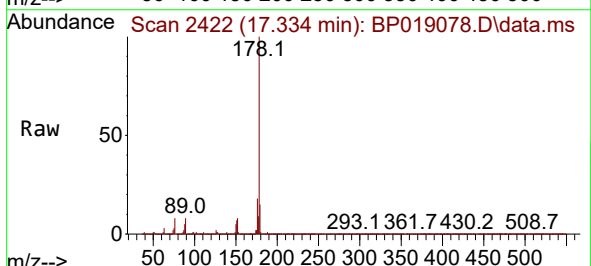
Tgt Ion:178 Resp: 943422

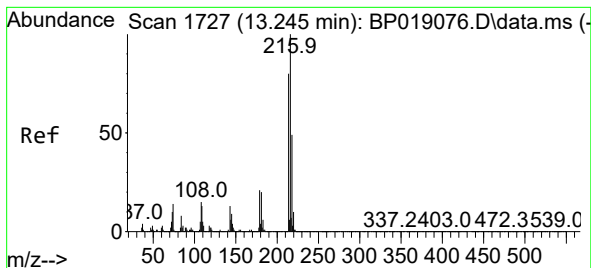
Ion Ratio Lower Upper

178 100

179 15.1 12.5 18.7

176 18.0 15.0 22.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 35.020 ng/uL

RT: 13.246 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP019078.D

Acq: 26 Dec 2023 12:01

Instrument :

BNA_P

ClientSampleId :

SLCS026

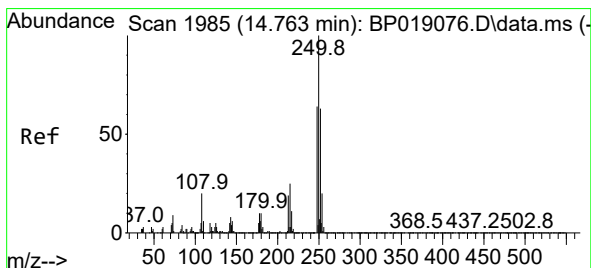
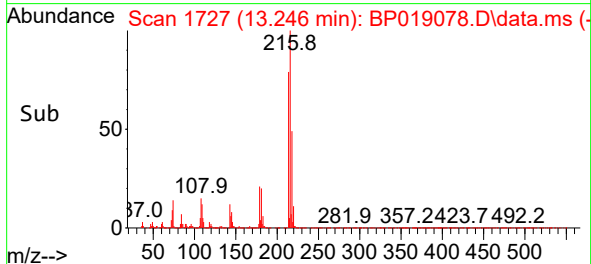
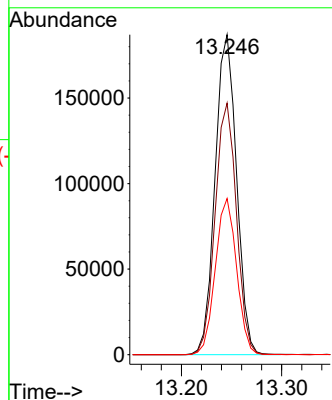
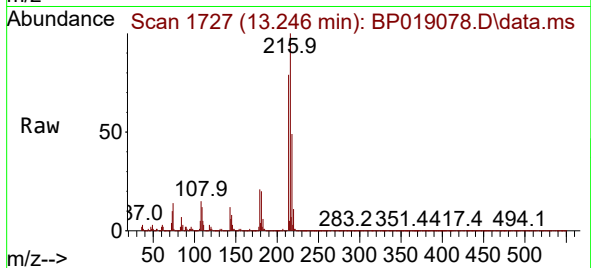
Tgt Ion:216 Resp: 278329

Ion Ratio Lower Upper

216 100

214 78.6 61.4 92.2

218 48.8 39.2 58.8



#76

Pentachlorobenzene

Concen: 33.820 ng/uL

RT: 14.763 min Scan# 1985

Delta R.T. -0.012 min

Lab File: BP019078.D

Acq: 26 Dec 2023 12:01

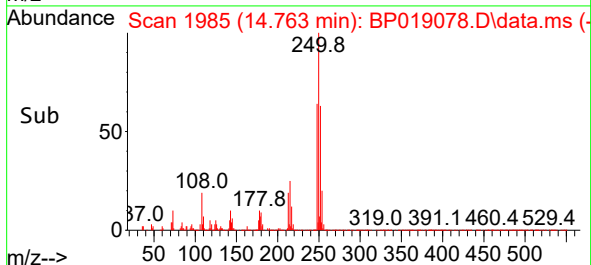
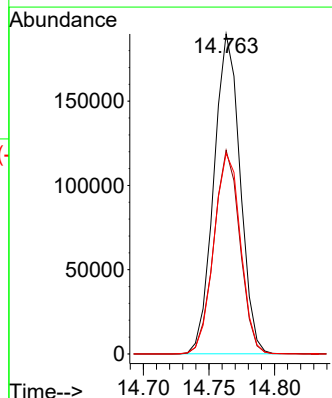
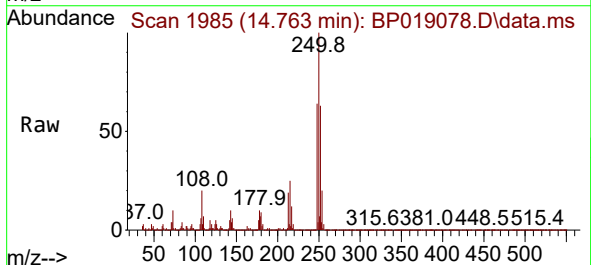
Tgt Ion:250 Resp: 264031

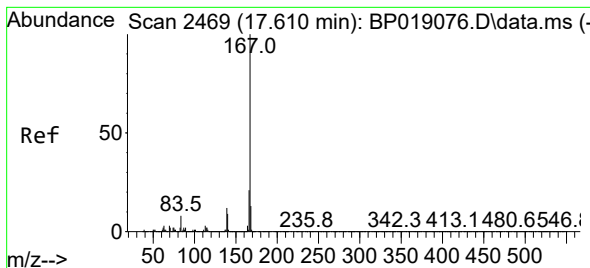
Ion Ratio Lower Upper

250 100

248 63.7 50.6 75.8

252 62.7 51.3 76.9





#77

Carbazole

Concen: 38.851 ng/ul

RT: 17.610 min Scan# 2469

Delta R.T. -0.006 min

Lab File: BP019078.D

Acq: 26 Dec 2023 12:01

Instrument :

BNA_P

ClientSampleId :

SLCS026

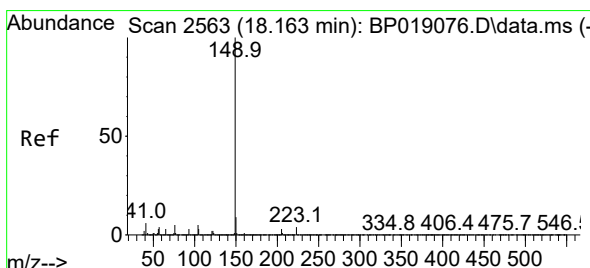
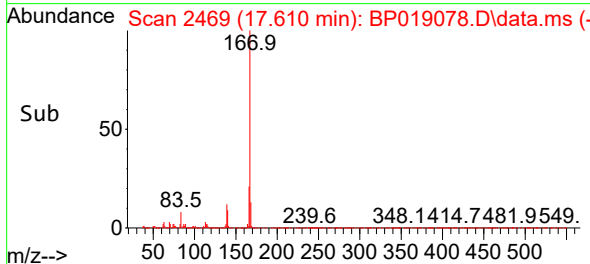
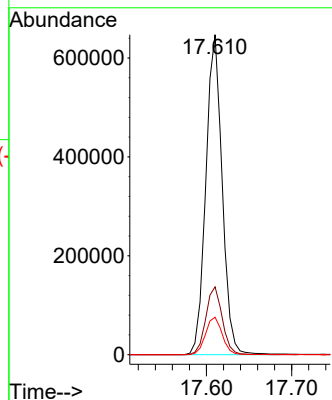
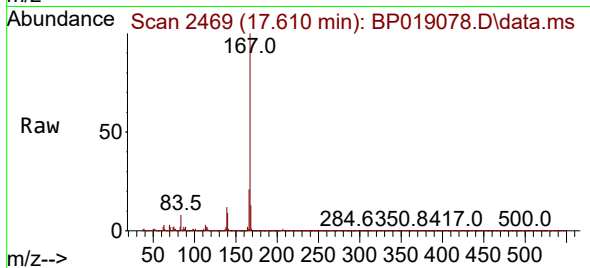
Tgt Ion:167 Resp: 861613

Ion Ratio Lower Upper

167 100

166 21.2 17.1 25.7

139 11.7 10.2 15.4



#78

Di-n-butylphthalate

Concen: 29.304 ng/ul

RT: 18.163 min Scan# 2563

Delta R.T. -0.006 min

Lab File: BP019078.D

Acq: 26 Dec 2023 12:01

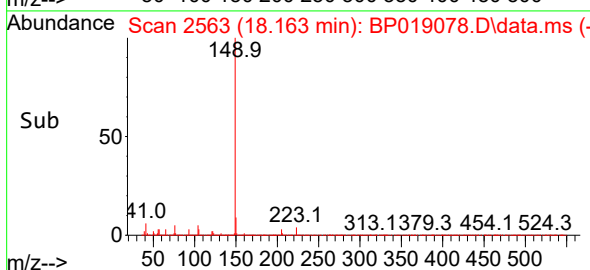
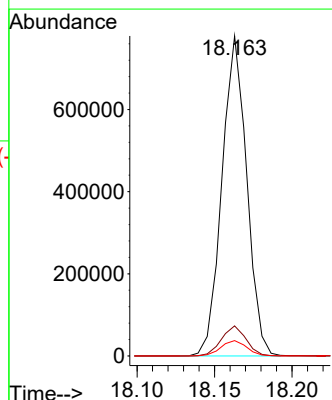
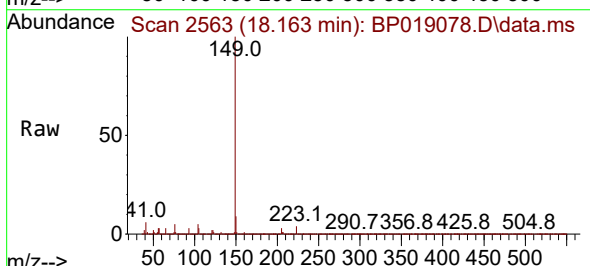
Tgt Ion:149 Resp: 865362

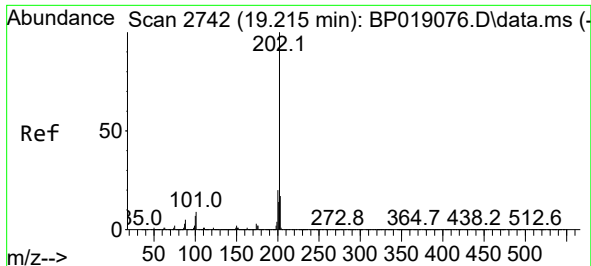
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 4.8 3.9 5.9

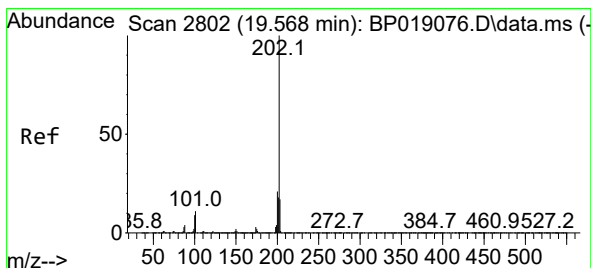
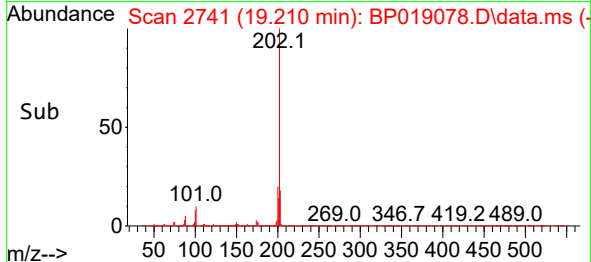
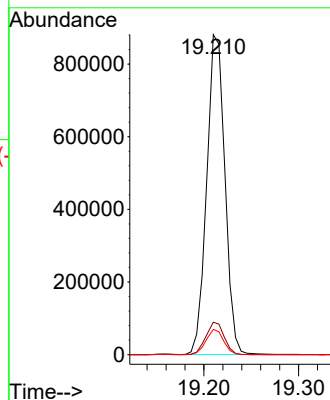
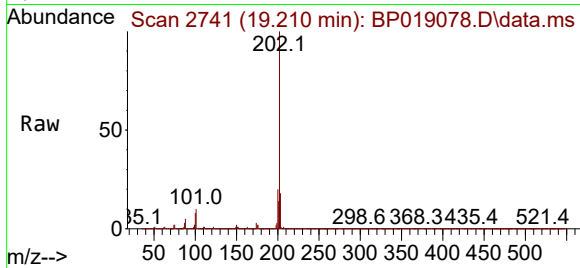




#80
Fluoranthene
Concen: 24.286 ng/ul
RT: 19.210 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP019078.D
Acq: 26 Dec 2023 12:01

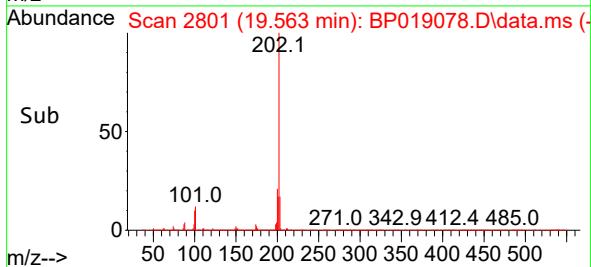
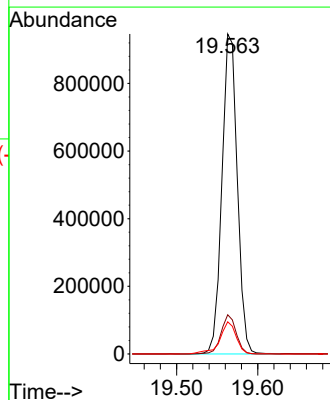
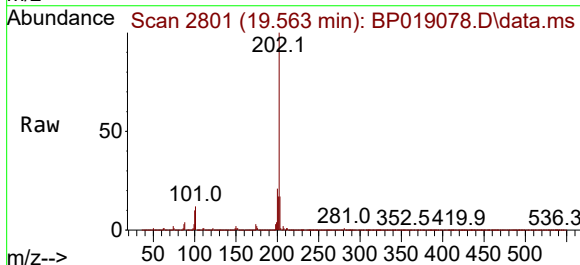
Instrument :
BNA_P
ClientSampleId :
SLCS026

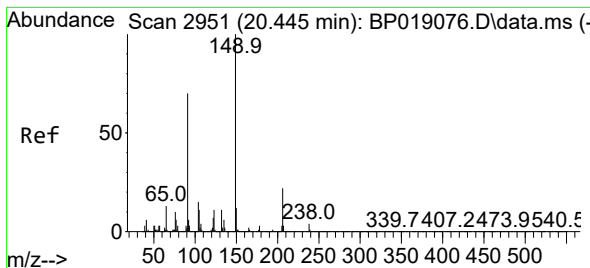
Tgt Ion:202 Resp: 1177851
Ion Ratio Lower Upper
202 100
101 10.2 9.1 13.7
100 7.9 7.1 10.7



#82
Pyrene
Concen: 25.437 ng/ul
RT: 19.563 min Scan# 2801
Delta R.T. -0.012 min
Lab File: BP019078.D
Acq: 26 Dec 2023 12:01

Tgt Ion:202 Resp: 1244515
Ion Ratio Lower Upper
202 100
101 12.2 11.0 16.4
100 10.1 9.1 13.7





#83

Butylbenzylphthalate

Concen: 23.599 ng/ul

RT: 20.445 min Scan# 2951

Delta R.T. -0.006 min

Lab File: BP019078.D

Acq: 26 Dec 2023 12:01

Instrument :

BNA_P

ClientSampleId :

SLCS026

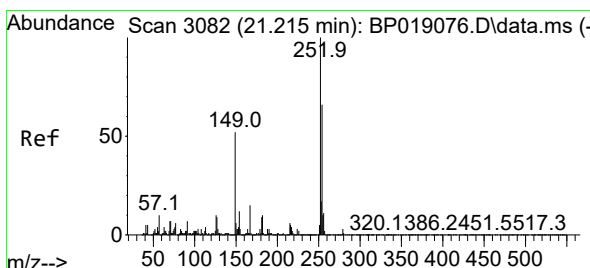
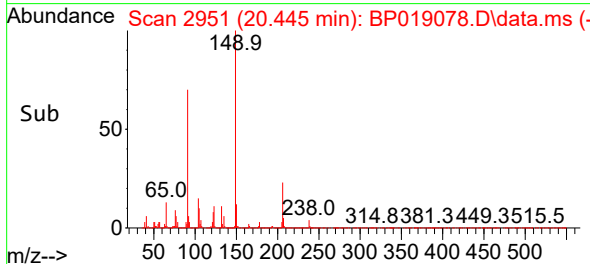
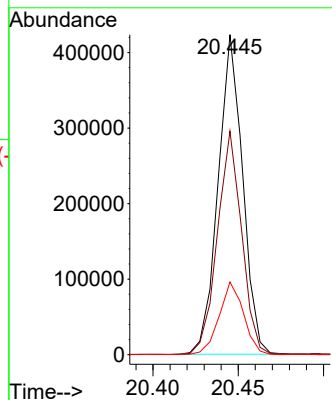
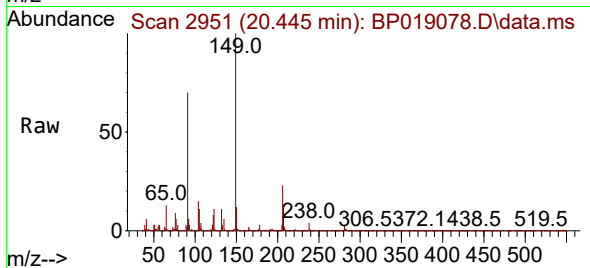
Tgt Ion:149 Resp: 422696

Ion Ratio Lower Upper

149 100

91 69.8 56.6 85.0

206 22.7 17.4 26.0



#84

3,3'-Dichlorobenzidine

Concen: 34.197 ng/ul

RT: 21.216 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BP019078.D

Acq: 26 Dec 2023 12:01

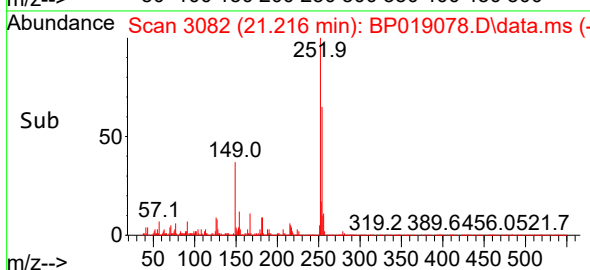
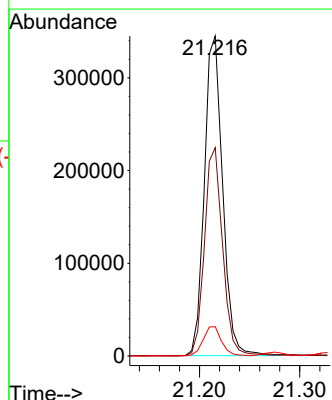
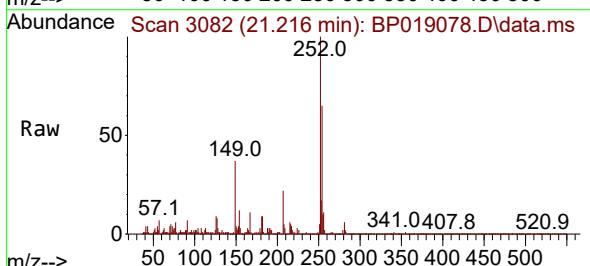
Tgt Ion:252 Resp: 438021

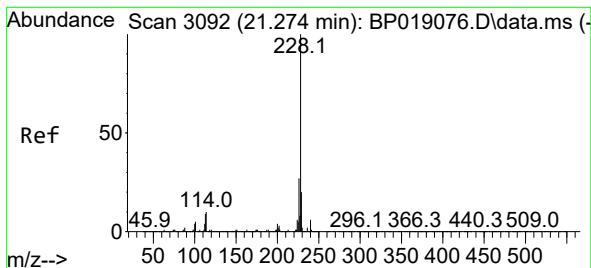
Ion Ratio Lower Upper

252 100

254 65.1 51.0 76.4

126 9.1 7.8 11.6





#85

Benzo(a)anthracene

Concen: 32.875 ng/ul

RT: 21.275 min Scan# 3092

Delta R.T. -0.012 min

Lab File: BP019078.D

Acq: 26 Dec 2023 12:01

Instrument :

BNA_P

ClientSampleId :

SLCS026

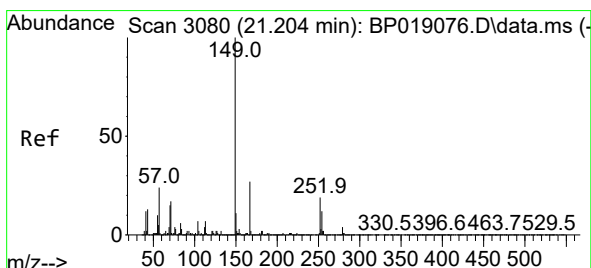
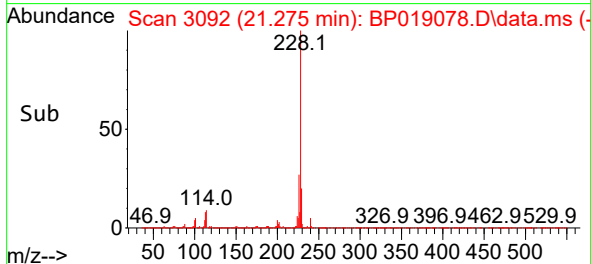
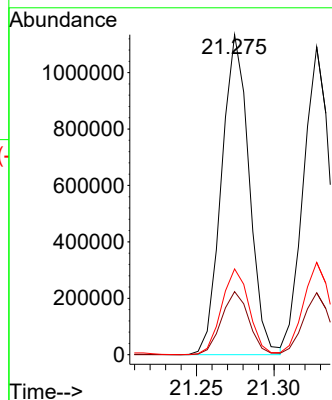
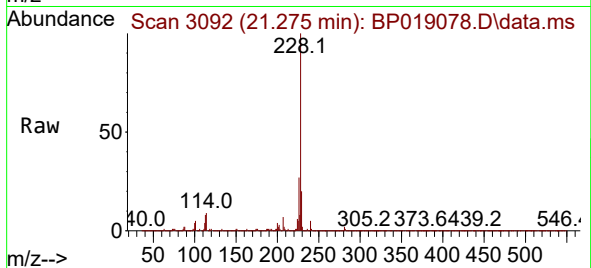
Tgt Ion:228 Resp: 1406491

Ion Ratio Lower Upper

228 100

229 19.7 15.7 23.5

226 26.8 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 24.387 ng/ul

RT: 21.204 min Scan# 3080

Delta R.T. -0.006 min

Lab File: BP019078.D

Acq: 26 Dec 2023 12:01

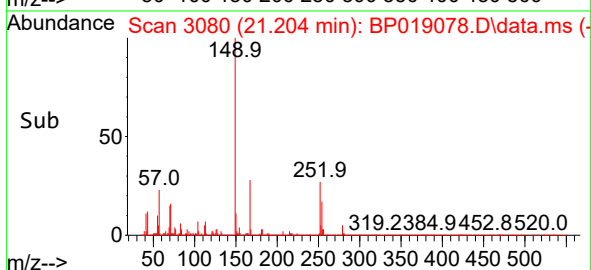
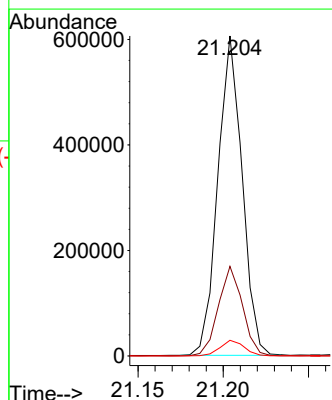
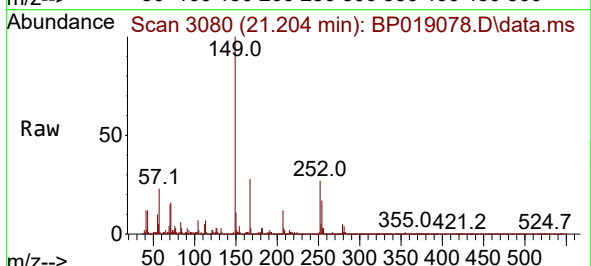
Tgt Ion:149 Resp: 600365

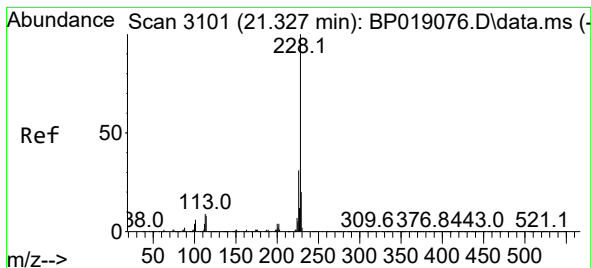
Ion Ratio Lower Upper

149 100

167 28.0 22.2 33.2

279 4.9 3.3 4.9





#87

Chrysene

Concen: 33.278 ng/ul

RT: 21.327 min Scan# 3101

Delta R.T. -0.006 min

Lab File: BP019078.D

Acq: 26 Dec 2023 12:01

Instrument :

BNA_P

ClientSampleId :

SLCS026

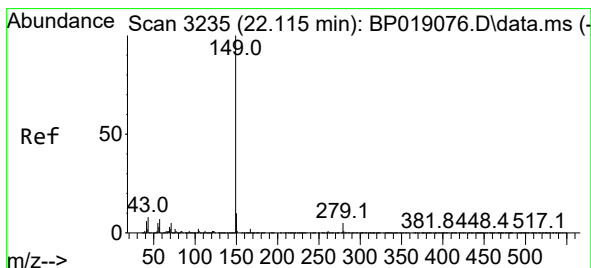
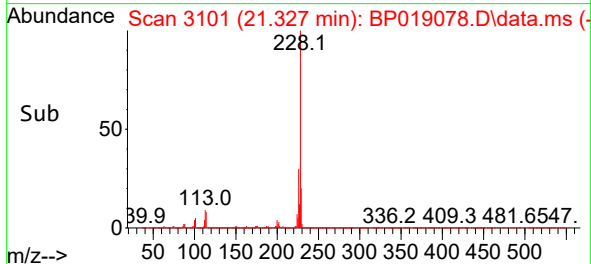
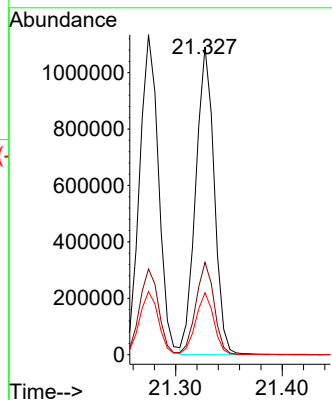
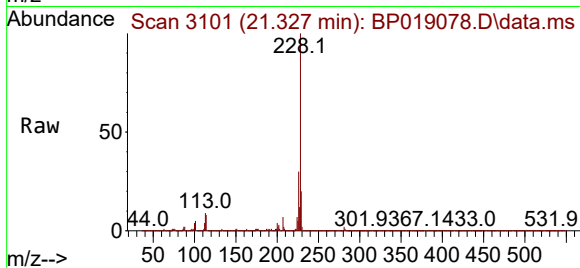
Tgt Ion:228 Resp: 1311099

Ion Ratio Lower Upper

228 100

226 30.0 23.9 35.9

229 20.1 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 22.990 ng/ul

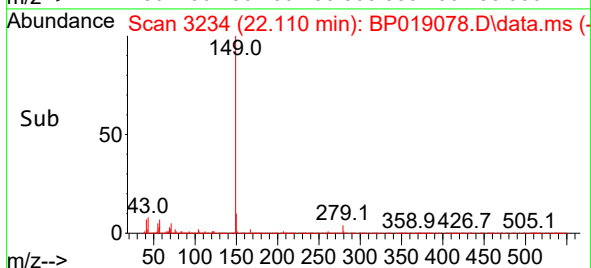
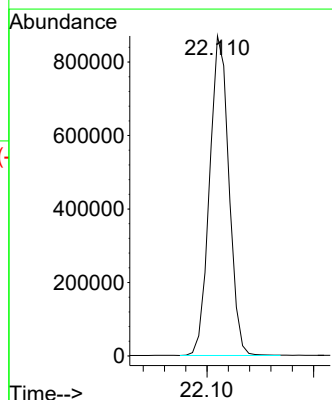
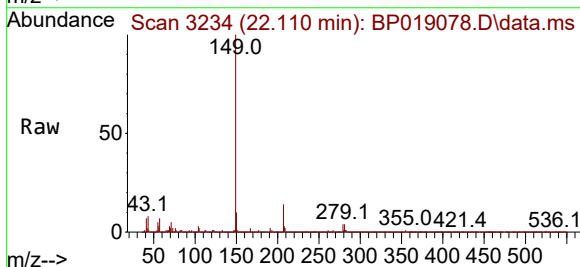
RT: 22.110 min Scan# 3234

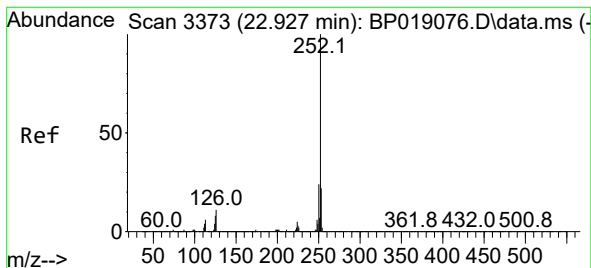
Delta R.T. -0.012 min

Lab File: BP019078.D

Acq: 26 Dec 2023 12:01

Tgt Ion:149 Resp: 1096834





#90

Benzo(b)fluoranthene

Concen: 31.527 ng/ul

RT: 22.927 min Scan# 3373

Delta R.T. -0.012 min

Lab File: BP019078.D

Acq: 26 Dec 2023 12:01

Instrument :

BNA_P

ClientSampleId :

SLCS026

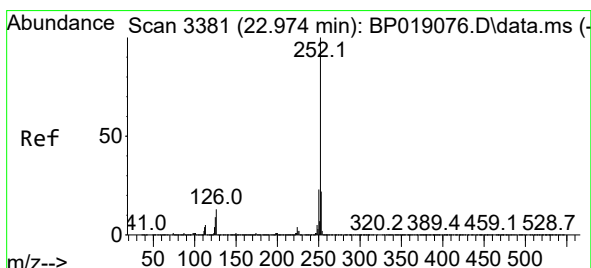
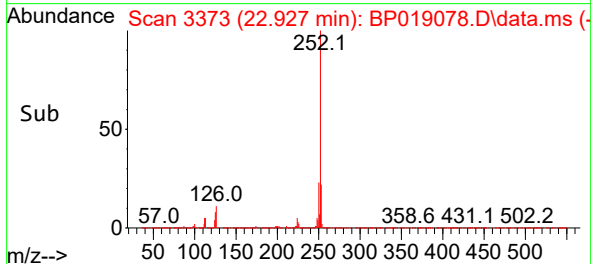
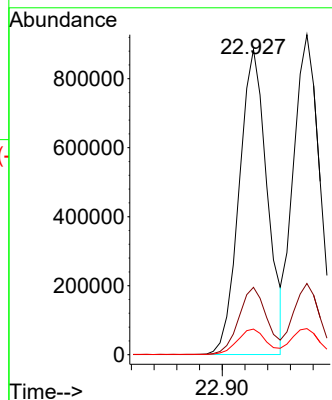
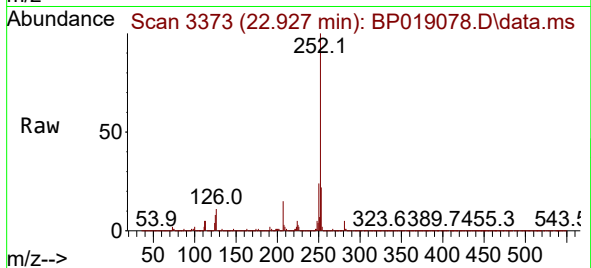
Tgt Ion:252 Resp: 1518924

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 8.4 7.8 11.6



#91

Benzo(k)fluoranthene

Concen: 32.160 ng/ul

RT: 22.974 min Scan# 3381

Delta R.T. -0.012 min

Lab File: BP019078.D

Acq: 26 Dec 2023 12:01

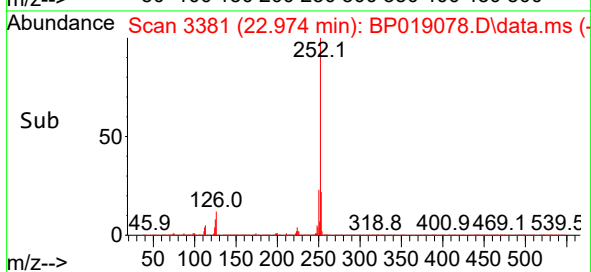
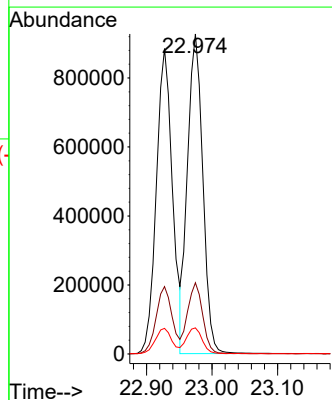
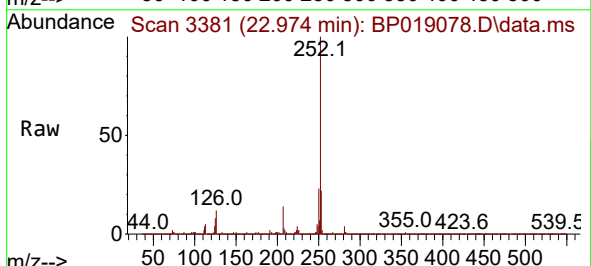
Tgt Ion:252 Resp: 1499199

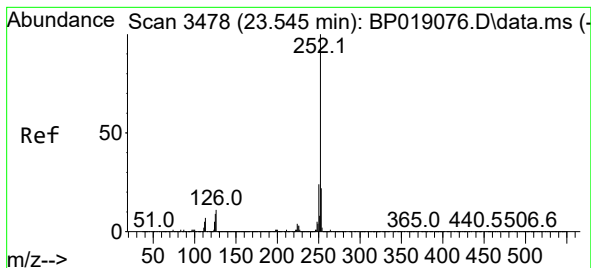
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 8.2 8.0 12.0





#93

Benzo(a)pyrene

Concen: 33.075 ng/ul

RT: 23.539 min Scan# 3478

Delta R.T. -0.018 min

Lab File: BP019078.D

Acq: 26 Dec 2023 12:01

Instrument :

BNA_P

ClientSampleId :

SLCS026

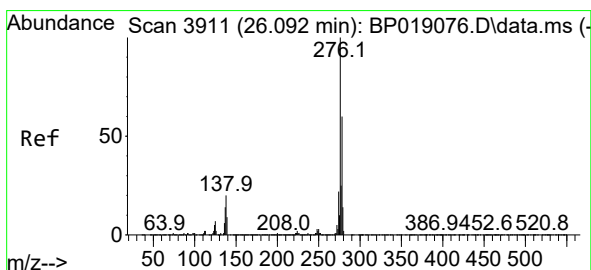
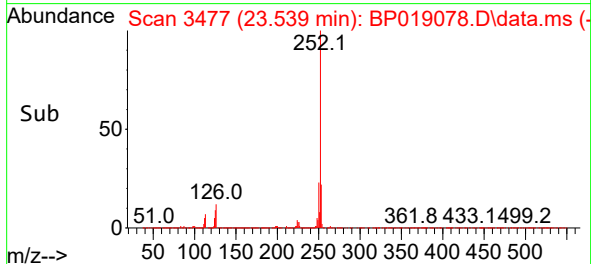
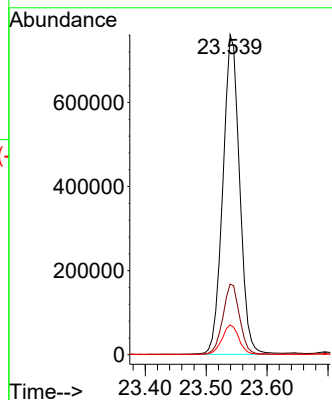
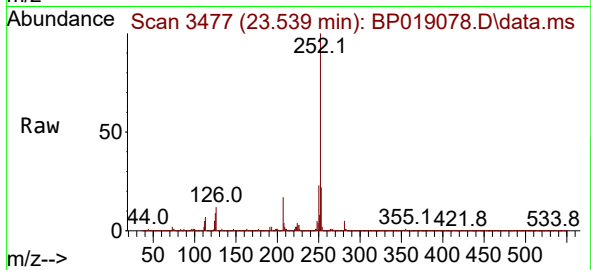
Tgt Ion:252 Resp: 1456061

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 9.3 9.2 13.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 36.236 ng/ul

RT: 26.092 min Scan# 3911

Delta R.T. -0.023 min

Lab File: BP019078.D

Acq: 26 Dec 2023 12:01

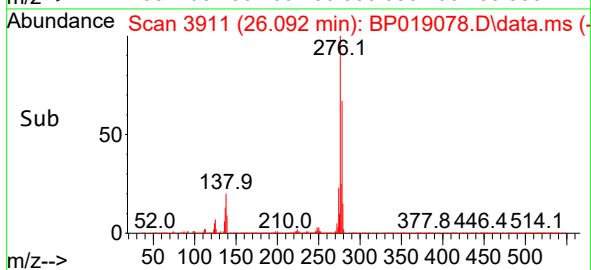
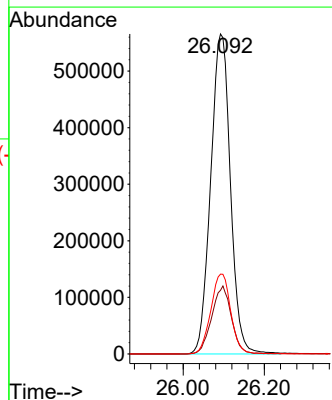
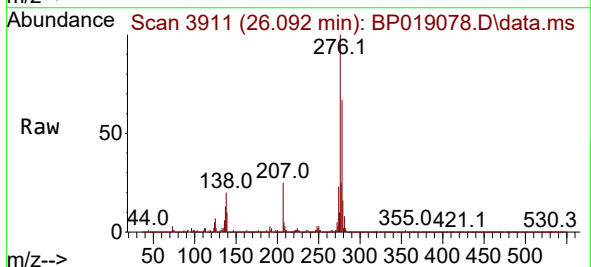
Tgt Ion:276 Resp: 1905966

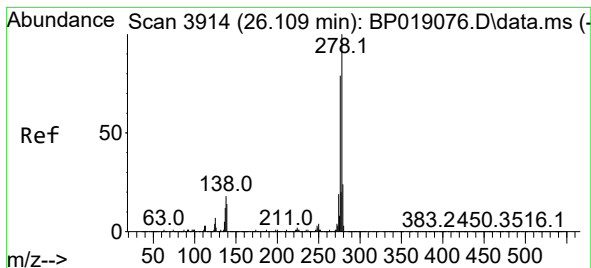
Ion Ratio Lower Upper

276 100

138 19.9 19.4 29.2

277 24.9 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 36.206 ng/ul

RT: 26.110 min Scan# 3914

Delta R.T. -0.023 min

Lab File: BP019078.D

Acq: 26 Dec 2023 12:01

Instrument :

BNA_P

ClientSampleId :

SLCS026

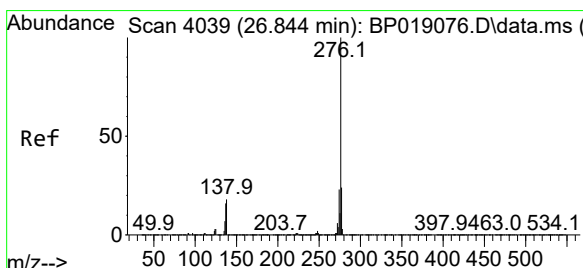
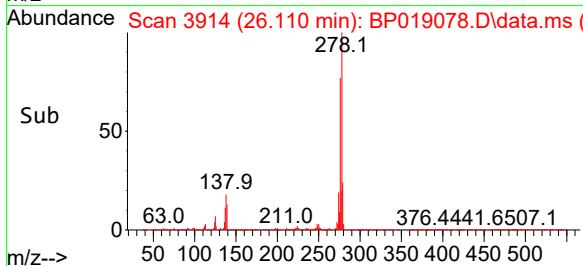
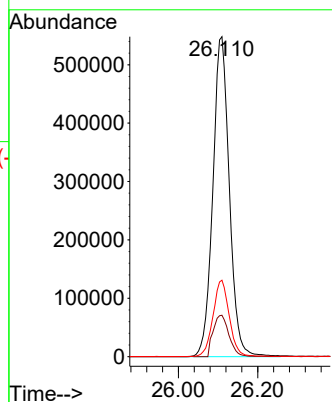
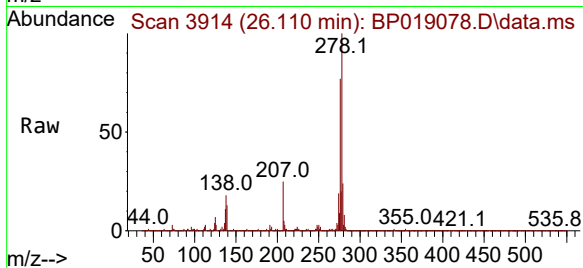
Tgt Ion:278 Resp: 1584171

Ion Ratio Lower Upper

278 100

139 13.0 13.0 19.6#

279 23.9 18.7 28.1



#96

Benzo(g,h,i)perylene

Concen: 36.667 ng/ul

RT: 26.839 min Scan# 4038

Delta R.T. -0.029 min

Lab File: BP019078.D

Acq: 26 Dec 2023 12:01

Tgt Ion:276 Resp: 1552095

Ion Ratio Lower Upper

276 100

138 18.4 18.1 27.1

277 23.7 19.4 29.0

