

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
 Data File : BP019215.D
 Acq On : 02 Jan 2024 19:11
 Operator : MA/JU
 Sample : PB158101BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS101

Quant Time: Jan 02 21:43:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 03:48:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	164995	20.000	ng/u1	0.00
20) Naphthalene-d8	10.598	136	632642	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	407207	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.198	188	958325	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	986168	20.000	ng/u1	0.00
88) Perylene-d12	23.668	264	1206882	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	33542	6.943	ng/uL	0.00
4) Pyridine-d5	3.663	84	456830	37.674	ng/u1	0.01
7) Phenol-d5	6.987	99	547372	36.994	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	314130	36.698	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	427016	35.798	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	416962	36.196	ng/u1	0.00
21) Nitrobenzene-d5	8.969	128	202977	37.115	ng/u1	0.00
24) 2-Nitrophenol-d4	9.687	143	231660	39.195	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	443404	37.152	ng/u1	0.00
31) 4-Chloroaniline-d4	10.745	131	523670	35.672	ng/u1	0.00
46) Dimethylphthalate-d6	13.863	166	1257259	34.955	ng/u1	0.00
49) Acenaphthylene-d8	14.139	160	1437715	36.839	ng/u1	0.00
54) 4-Nitrophenol-d4	14.674	143	239036	39.356	ng/u1	0.01
60) Fluorene-d10	15.439	176	1097181	35.310	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.574	200	239485	38.120	ng/u1	0.00
73) Anthracene-d10	17.298	188	1786590	35.698	ng/u1	0.00
81) Pyrene-d10	19.545	212	2238080	37.238	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.521	264	2482710	35.789	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.275	88	66533	12.526	ng/uL	96
5) Pyridine	3.681	79	452444	36.759	ng/u1	94
6) Benzaldehyde	6.945	77	290880	42.340	ng/u1	98
8) Phenol	7.010	94	537752	36.795	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.234	93	421049	35.607	ng/u1	99
12) 2-Chlorophenol	7.369	128	426730	34.953	ng/u1	98
13) 2-Methylphenol	8.257	108	393201	36.369	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.328	45	519221	37.222	ng/u1	99
16) Acetophenone	8.634	105	633487	36.718	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.622	70	306337	35.608	ng/u1	98
18) 4-Methylphenol	8.587	108	422088	36.271	ng/u1	98
19) Hexachloroethane	8.869	117	180003	35.150	ng/u1	98
22) Nitrobenzene	9.010	77	479648	35.900	ng/u1	98
23) Isophorone	9.539	82	898649	37.299	ng/u1	98
25) 2-Nitrophenol	9.716	139	235636	37.340	ng/u1	98
26) 2,4-Dimethylphenol	9.787	107	402642	36.242	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.022	93	542958	34.096	ng/u1	100
29) 2,4-Dichlorophenol	10.251	162	415182	35.598	ng/u1	99
30) Naphthalene	10.645	128	1305577	34.228	ng/u1	100
32) 4-Chloroaniline	10.769	127	465173	33.023	ng/u1	99
33) Hexachlorobutadiene	10.922	225	316026	35.209	ng/u1	98
34) Caprolactam	11.575	113	132355	42.964	ng/u1	97
35) 4-Chloro-3-methylphenol	11.904	107	431141	37.658	ng/u1	98
36) 2-Methylnaphthalene	12.263	142	886938	34.488	ng/u1	99

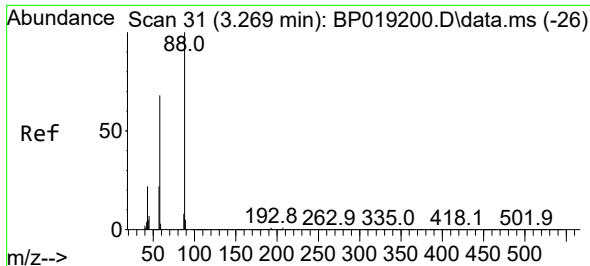
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.480	142	875104	33.744	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.628	216	554926	33.089	ng/ul	99
40) Hexachlorocyclopentadiene	12.604	237	284363	30.547	ng/ul	98
41) 2,4,6-Trichlorophenol	12.880	196	361673	36.136	ng/ul	98
42) 2,4,5-Trichlorophenol	12.957	196	387138	36.439	ng/ul	99
43) 1,1'-Biphenyl	13.275	154	1179339	33.201	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	965230	33.864	ng/ul	99
45) 2-Nitroaniline	13.533	65	272773	39.864	ng/ul	92
47) Dimethylphthalate	13.910	163	1218220	34.312	ng/ul	99
48) 2,6-Dinitrotoluene	14.033	165	252313	38.674	ng/ul	98
50) Acenaphthylene	14.169	152	1557018	35.459	ng/ul	100
51) 3-Nitroaniline	14.363	138	250266	39.238	ng/ul	98
52) Acenaphthene	14.510	153	1021343	34.319	ng/ul	99
53) 2,4-Dinitrophenol	14.575	184	152299	36.235	ng/ul	98
55) 4-Nitrophenol	14.692	109	183393	37.782	ng/ul	95
56) Dibenzofuran	14.845	168	1435849	33.786	ng/ul	97
57) 2,4-Dinitrotoluene	14.827	165	373667	38.944	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.074	232	354573	38.198	ng/ul	97
59) Diethylphthalate	15.274	149	1229454	35.715	ng/ul	100
61) Fluorene	15.498	166	1184605	34.825	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.492	204	628964	33.858	ng/ul	100
63) 4-Nitroaniline	15.533	138	259135	40.382	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.586	198	250295	37.628	ng/ul	98
67) N-Nitrosodiphenylamine	15.710	169	1009149	34.503	ng/ul	99
68) 4-Bromophenyl-phenylether	16.392	248	420979	35.343	ng/ul	99
69) Hexachlorobenzene	16.498	284	499139	34.290	ng/ul	98
70) Atrazine	16.674	200	371797	45.043	ng/ul	99
71) Pentachlorophenol	16.851	266	414248	48.471	ng/ul	98
72) Phenanthrene	17.245	178	1985065	34.180	ng/ul	99
74) Anthracene	17.339	178	2014924	34.850	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.239	216	557337	33.448	ng/uL	98
76) Pentachlorobenzene	14.763	250	550258	33.233	ng/uL	98
77) Carbazole	17.616	167	1868336	38.849	ng/ul	100
78) Di-n-butylphthalate	18.168	149	2268737	38.037	ng/ul	100
80) Fluoranthene	19.221	202	2561879	37.147	ng/ul	99
82) Pyrene	19.574	202	2608123	36.095	ng/ul	99
83) Butylbenzylphthalate	20.457	149	1073435	41.589	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.227	252	819844	33.233	ng/ul	100
85) Benzo(a)anthracene	21.292	228	2761242	35.438	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.215	149	1535678	40.406	ng/ul	99
87) Chrysene	21.345	228	2578951	35.496	ng/ul	99
89) Di-n-octyl phthalate	22.127	149	2772284	40.169	ng/ul	100
90) Benzo(b)fluoranthene	22.951	252	2922392	34.473	ng/ul	100
91) Benzo(k)fluoranthene	22.998	252	2823767	33.899	ng/ul	99
93) Benzo(a)pyrene	23.568	252	2773792	34.764	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.133	276	3514536	34.361	ng/ul	98
95) Dibenzo(a,h)anthracene	26.144	278	2932476	34.464	ng/ul	99
96) Benzo(g,h,i)perylene	26.886	276	2825529	34.472	ng/ul	98

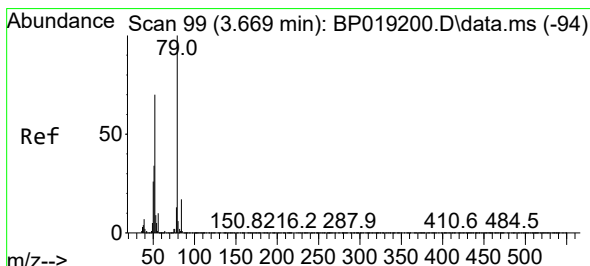
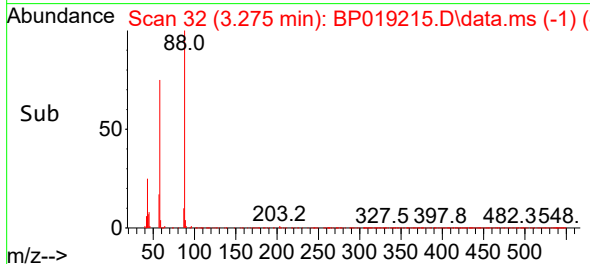
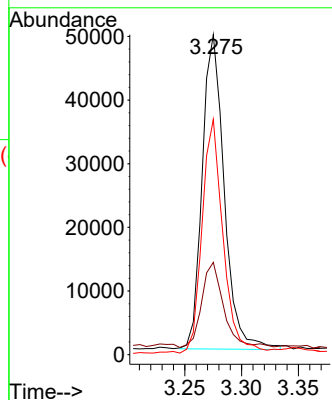
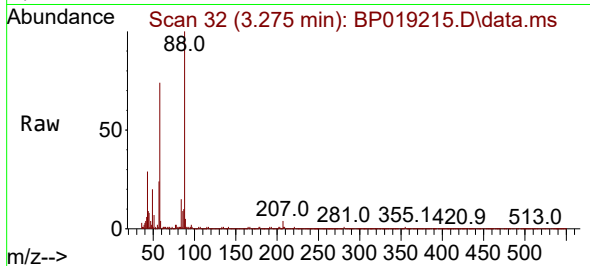
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#2
1,4-Dioxane
Concen: 12.526 ng/uL
RT: 3.275 min Scan# 31
Delta R.T. 0.005 min
Lab File: BP019215.D
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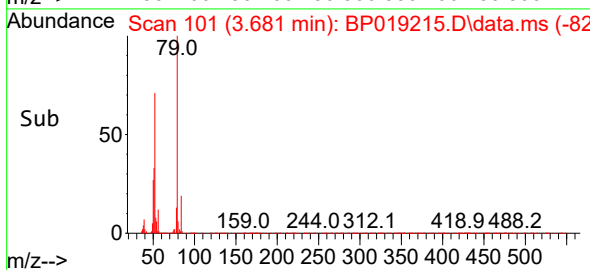
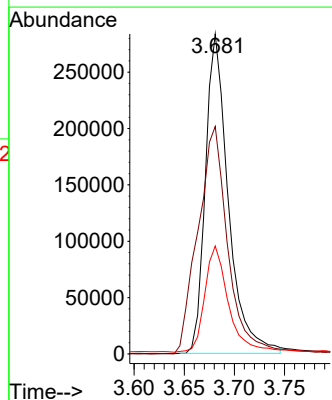
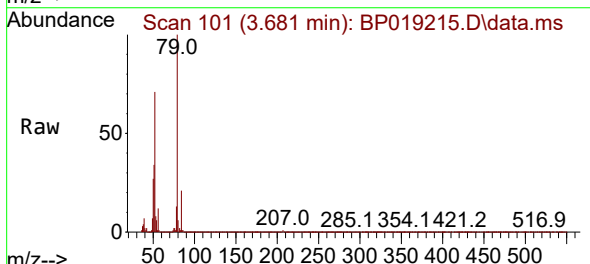
Instrument :
BNA_P
ClientSampleId :
SLCS101

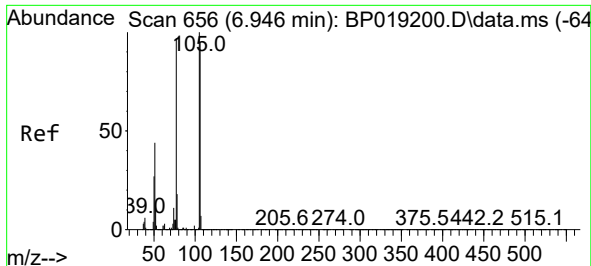
Tgt Ion: 88 Resp: 66533
Ion Ratio Lower Upper
88 100
43 28.8 21.0 31.4
58 73.6 56.6 84.8



#5
Pyridine
Concen: 36.759 ng/uL
RT: 3.681 min Scan# 101
Delta R.T. 0.011 min
Lab File: BP019215.D
Acq: 02 Jan 2024 19:11

Tgt Ion: 79 Resp: 452444
Ion Ratio Lower Upper
79 100
52 71.1 52.4 78.6
51 33.8 25.9 38.9

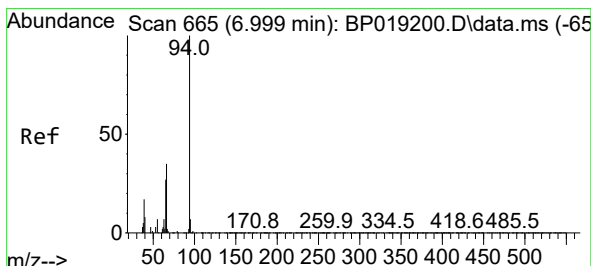
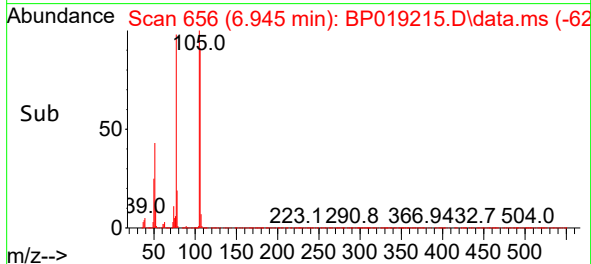
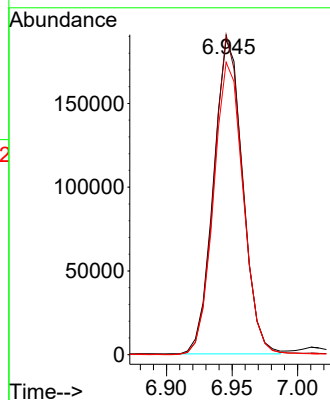
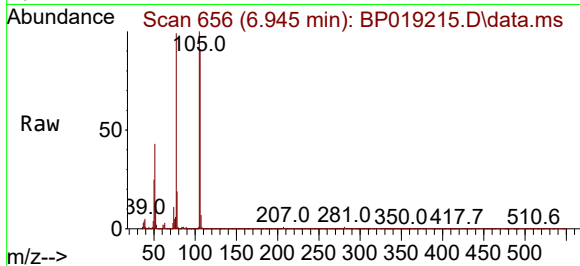




#6
Benzaldehyde
Concen: 42.340 ng/ul
RT: 6.945 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP019215.D
Acq: 02 Jan 2024 19:11

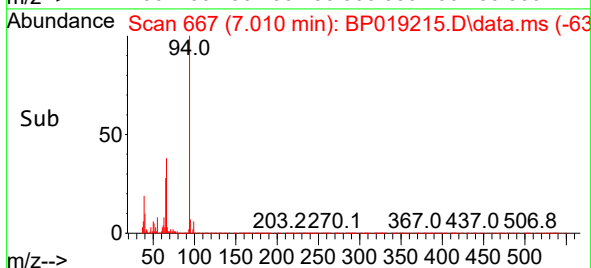
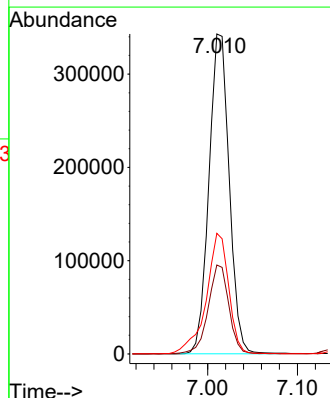
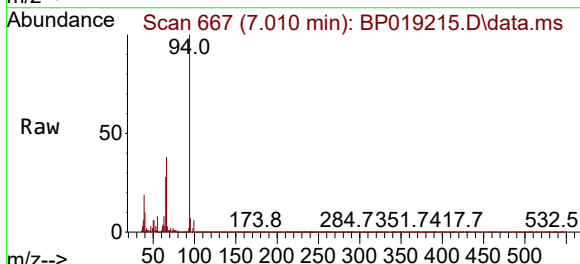
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ClientSampleId :
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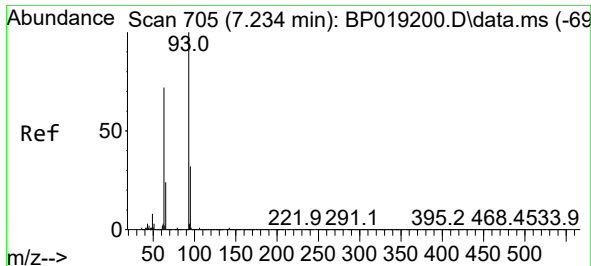
Tgt Ion: 77 Resp: 290880
Ion Ratio Lower Upper
77 100
105 101.5 78.6 117.8
106 92.8 74.8 112.2



#8
Phenol
Concen: 36.795 ng/ul
RT: 7.010 min Scan# 667
Delta R.T. 0.005 min
Lab File: BP019215.D
Acq: 02 Jan 2024 19:11

Tgt Ion: 94 Resp: 537752
Ion Ratio Lower Upper
94 100
65 27.8 21.1 31.7
66 37.7 29.3 43.9



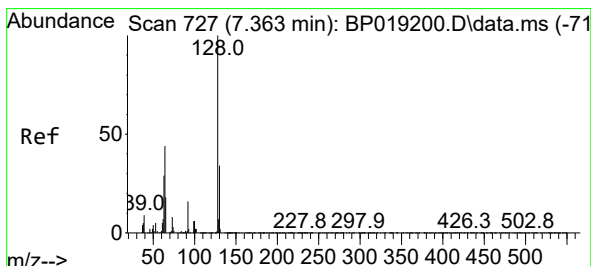
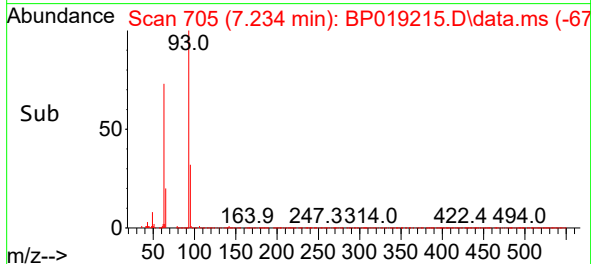
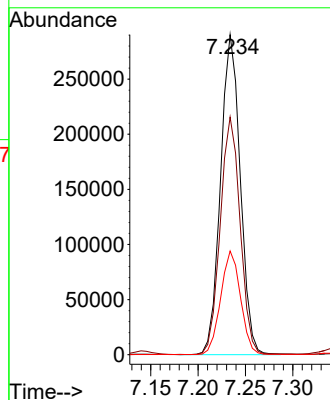
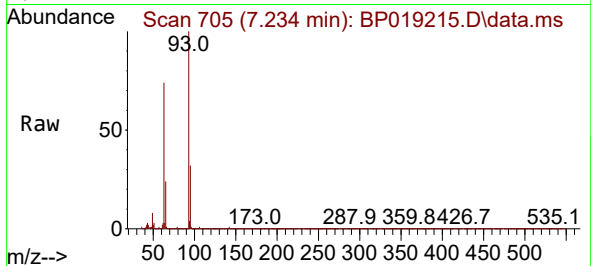


#10
 Bis(2-Chloroethyl)ether
 Concen: 35.607 ng/ul
 RT: 7.234 min Scan# 705
 Delta R.T. -0.000 min
 Lab File: BP019215.D
 Acq: 02 Jan 2024 19:11

Instrument :
 BNA_P
 ClientSampleId :
 SLCS101

Tgt Ion: 93 Resp: 421049

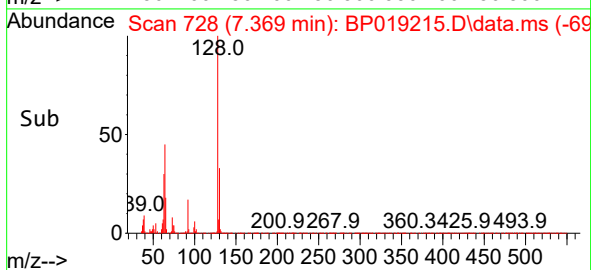
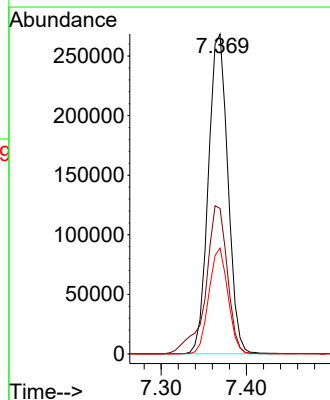
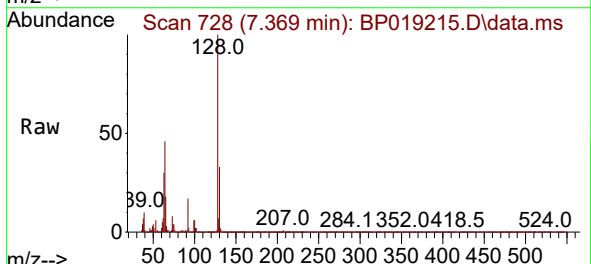
Ion	Ratio	Lower	Upper
93	100		
63	74.2	59.4	89.0
95	32.4	26.6	40.0

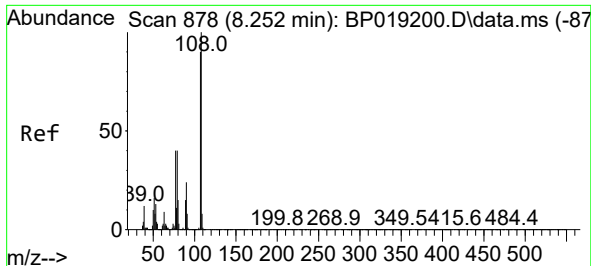


#12
 2-Chlorophenol
 Concen: 34.953 ng/ul
 RT: 7.369 min Scan# 728
 Delta R.T. -0.000 min
 Lab File: BP019215.D
 Acq: 02 Jan 2024 19:11

Tgt Ion:128 Resp: 426730

Ion	Ratio	Lower	Upper
128	100		
64	45.5	35.9	53.9
130	33.1	25.3	37.9





#13

2-Methylphenol

Concen: 36.369 ng/ul

RT: 8.257 min Scan# 81

Delta R.T. -0.000 min

Lab File: BP019215.D

Acq: 02 Jan 2024 19:11

Instrument :

BNA_P

ClientSampleId :

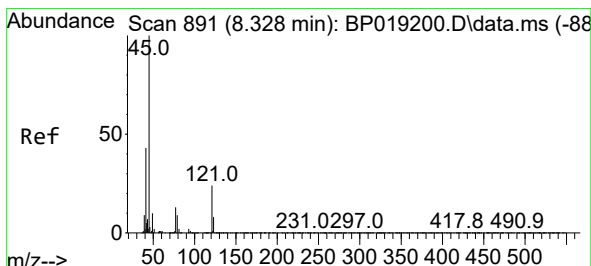
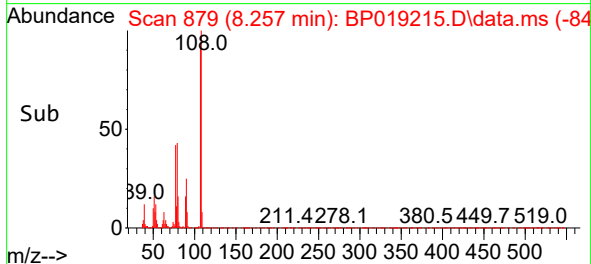
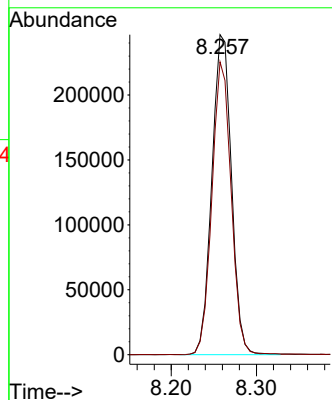
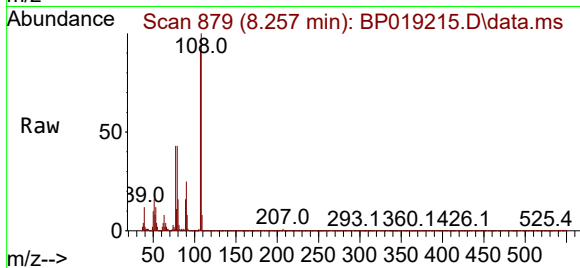
SLCS101

Tgt Ion:108 Resp: 393201

Ion Ratio Lower Upper

108 100

107 91.5 72.6 109.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 37.222 ng/ul

RT: 8.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BP019215.D

Acq: 02 Jan 2024 19:11

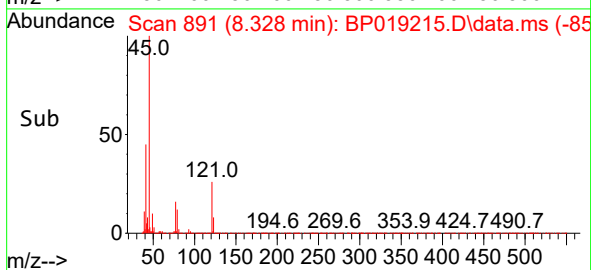
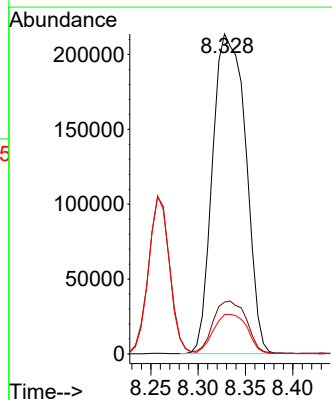
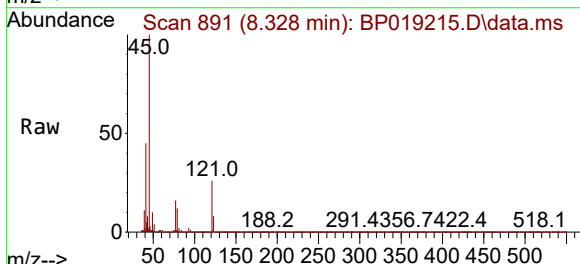
Tgt Ion: 45 Resp: 519221

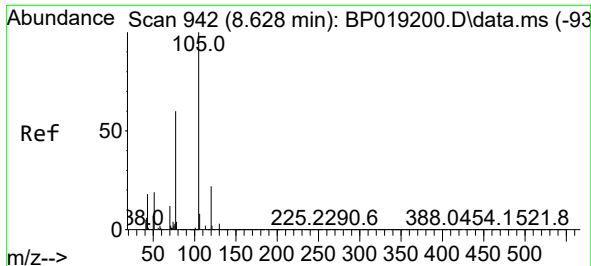
Ion Ratio Lower Upper

45 100

77 16.2 13.6 20.4

79 12.3 9.7 14.5

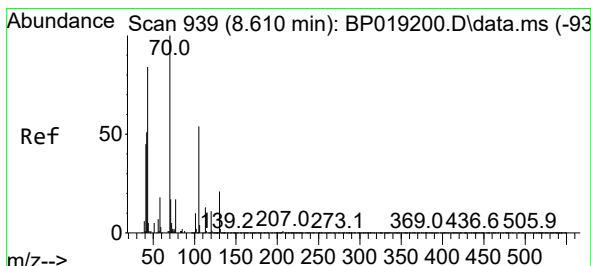
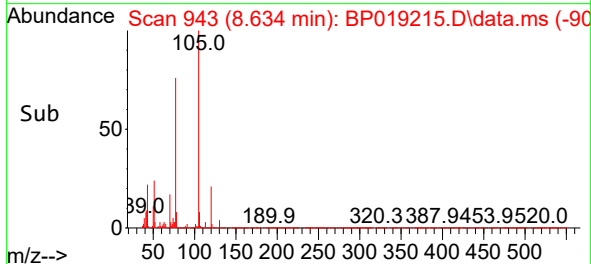
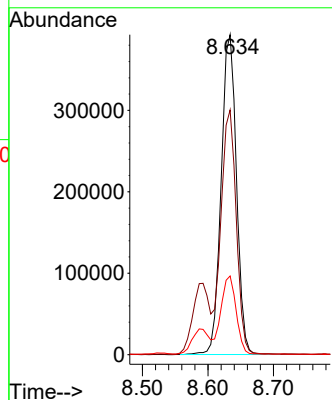
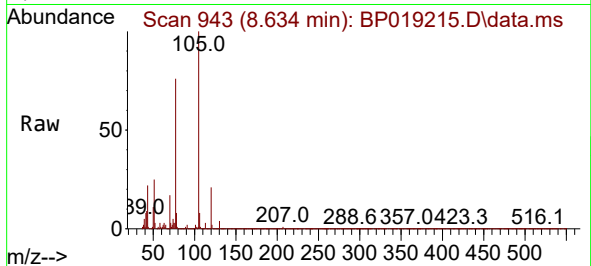




#16
Acetophenone
Concen: 36.718 ng/ul
RT: 8.634 min Scan# 941
Delta R.T. -0.000 min
Lab File: BP019215.D
Acq: 02 Jan 2024 19:11

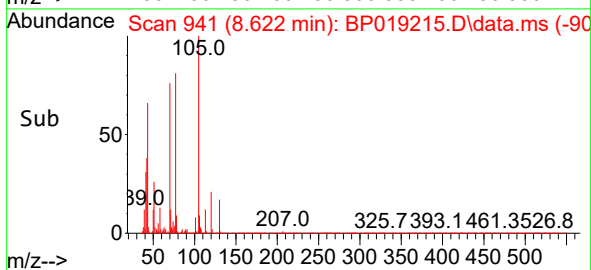
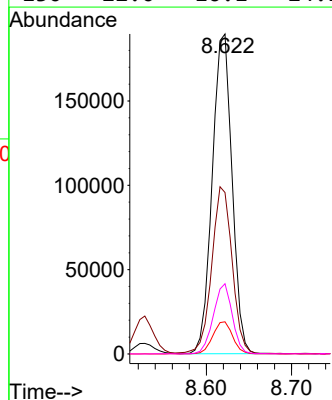
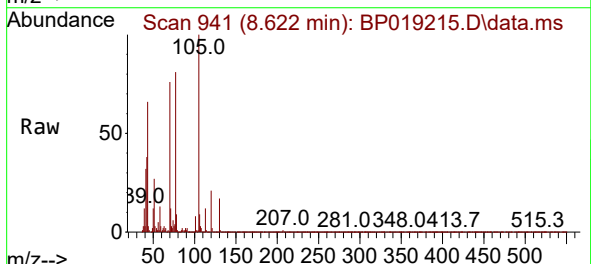
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ClientSampleId :
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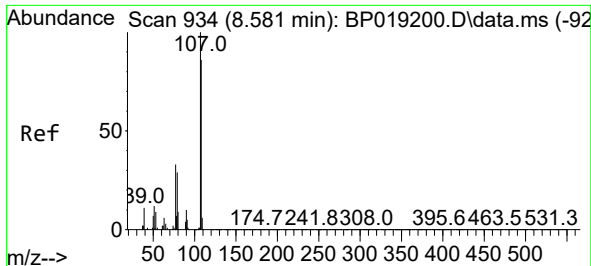
Tgt Ion:105 Resp: 633487
Ion Ratio Lower Upper
105 100
77 76.5 59.8 89.6
51 24.6 19.3 28.9



#17
N-Nitroso-di-n-propylamine
Concen: 35.608 ng/ul
RT: 8.622 min Scan# 941
Delta R.T. -0.000 min
Lab File: BP019215.D
Acq: 02 Jan 2024 19:11

Tgt Ion: 70 Resp: 306337
Ion Ratio Lower Upper
70 100
42 50.5 40.6 61.0
101 10.1 7.3 10.9
130 22.0 16.1 24.1

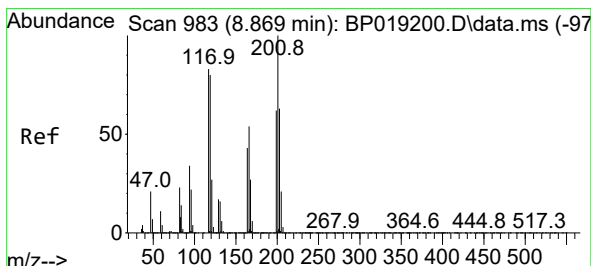
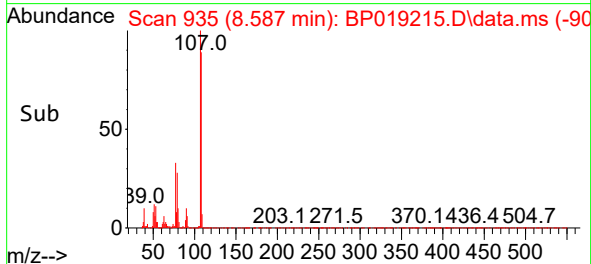
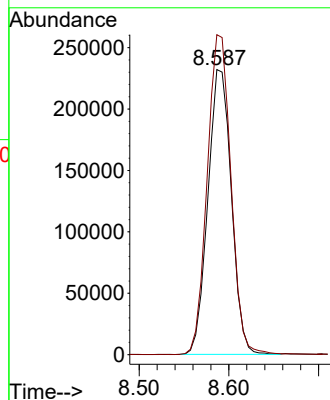
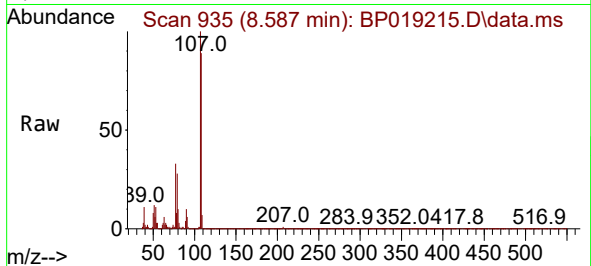




#18
4-Methylphenol
Concen: 36.271 ng/ul
RT: 8.587 min Scan# 911
Delta R.T. -0.000 min
Lab File: BP019215.D
Acq: 02 Jan 2024 19:11

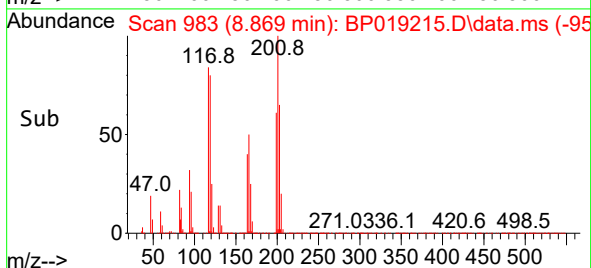
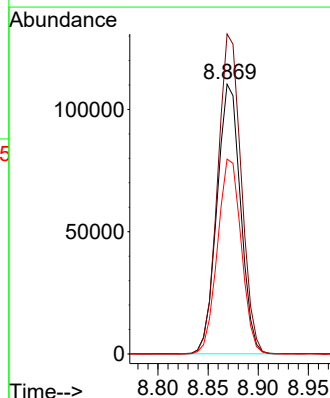
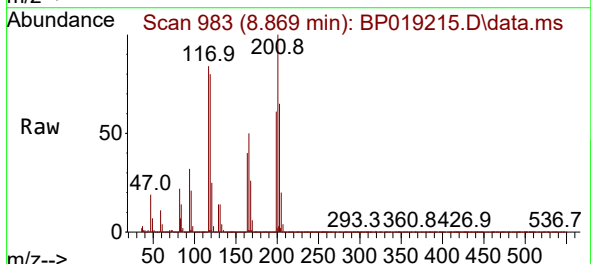
Instrument :
BNA_P
ClientSampleId :
SLCS101

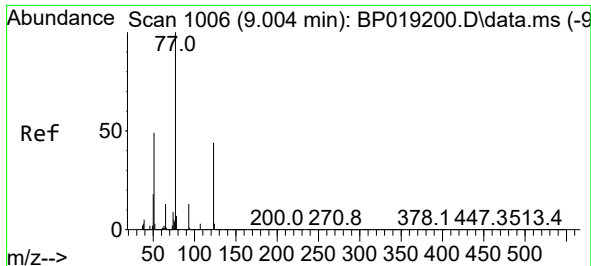
Tgt Ion:108 Resp: 422088
Ion Ratio Lower Upper
108 100
107 112.2 88.1 132.1



#19
Hexachloroethane
Concen: 35.150 ng/ul
RT: 8.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BP019215.D
Acq: 02 Jan 2024 19:11

Tgt Ion:117 Resp: 180003
Ion Ratio Lower Upper
117 100
201 118.6 92.5 138.7
199 72.2 56.9 85.3

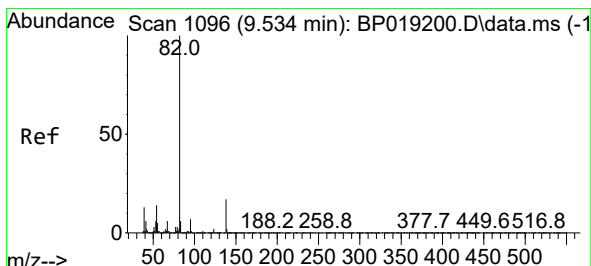
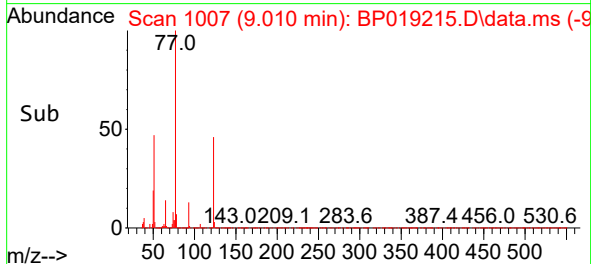
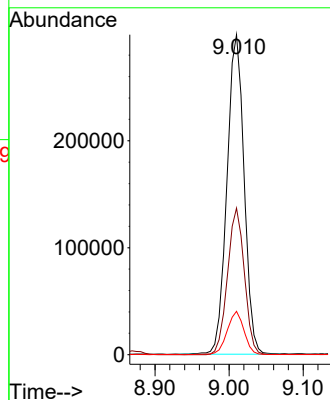
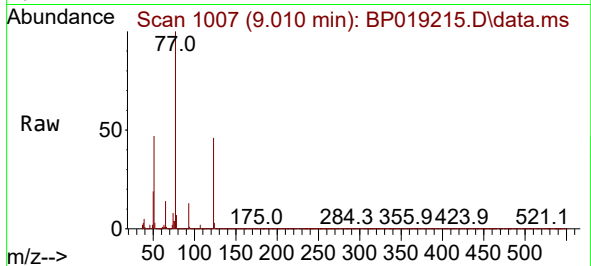




#22
Nitrobenzene
Concen: 35.900 ng/ul
RT: 9.010 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BP019215.D
Acq: 02 Jan 2024 19:11

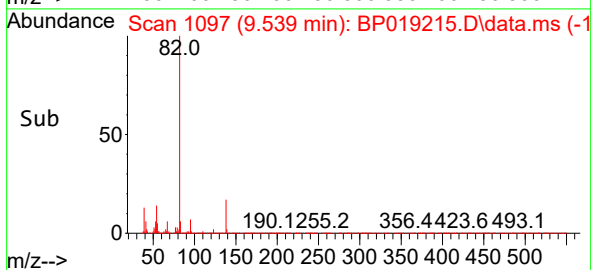
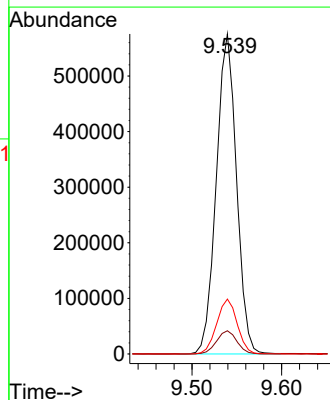
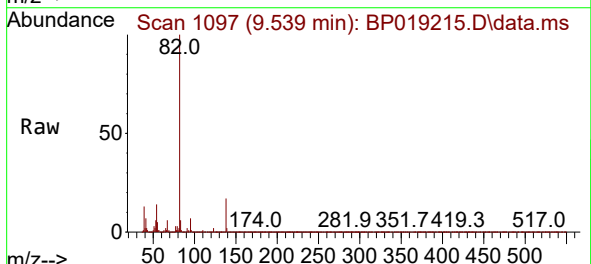
Instrument :
BNA_P
ClientSampleId :
SLCS101

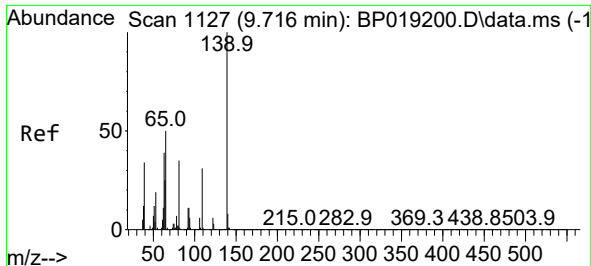
Tgt Ion: 77 Resp: 479648
Ion Ratio Lower Upper
77 100
123 45.8 35.5 53.3
65 13.5 10.3 15.5



#23
Isophorone
Concen: 37.299 ng/ul
RT: 9.539 min Scan# 1097
Delta R.T. -0.000 min
Lab File: BP019215.D
Acq: 02 Jan 2024 19:11

Tgt Ion: 82 Resp: 898649
Ion Ratio Lower Upper
82 100
95 7.2 5.9 8.9
138 17.1 14.7 22.1

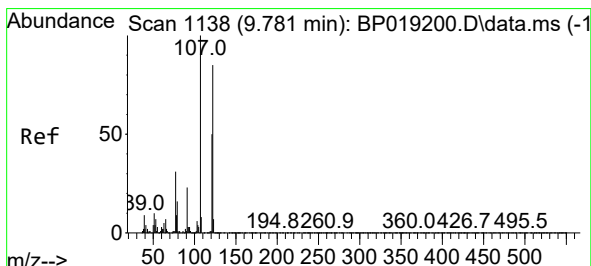
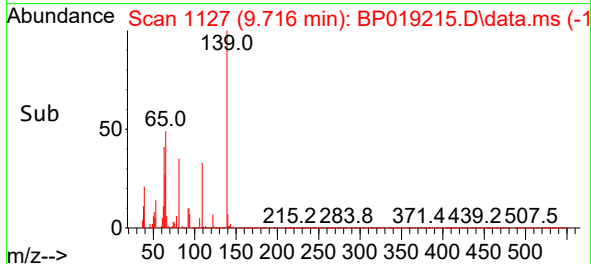
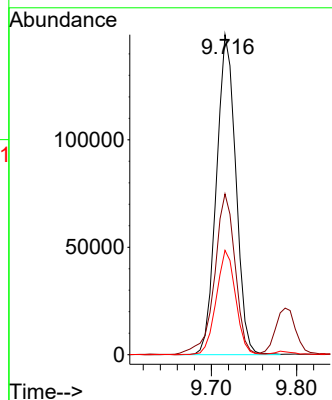
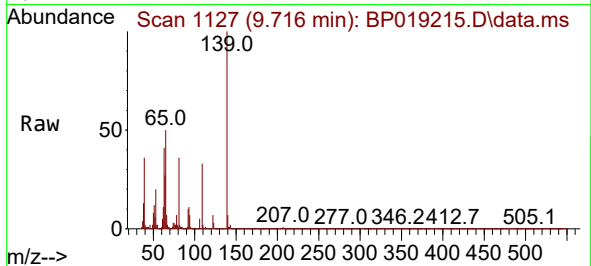




#25
2-Nitrophenol
Concen: 37.340 ng/ul
RT: 9.716 min Scan# 1127
Delta R.T. -0.006 min
Lab File: BP019215.D
Acq: 02 Jan 2024 19:11

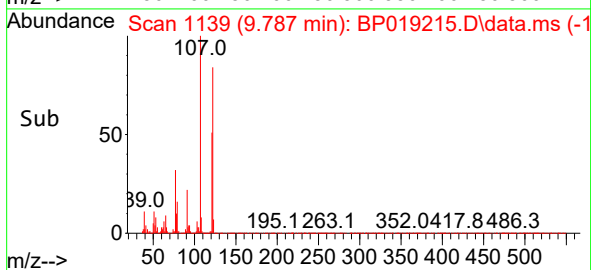
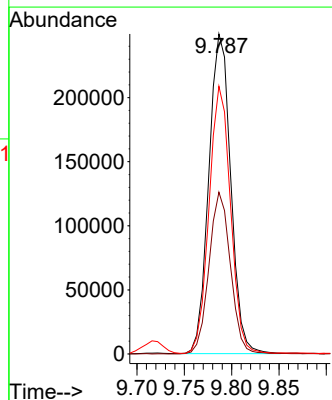
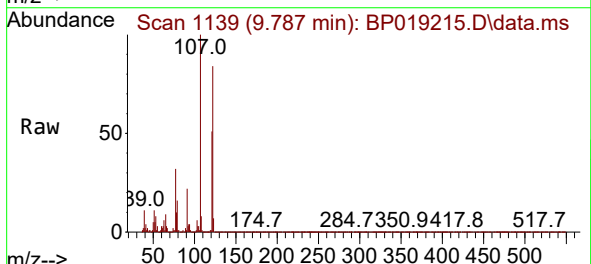
Instrument :
BNA_P
ClientSampleId :
SLCS101

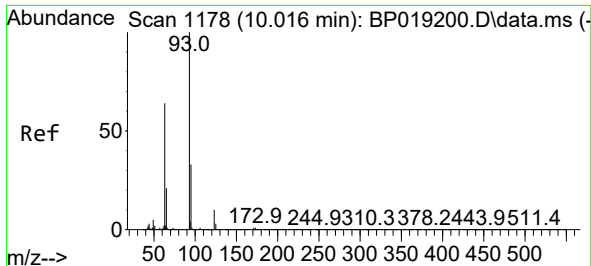
Tgt Ion:139 Resp: 235636
Ion Ratio Lower Upper
139 100
65 50.3 38.8 58.2
109 32.6 26.2 39.2



#26
2,4-Dimethylphenol
Concen: 36.242 ng/ul
RT: 9.787 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BP019215.D
Acq: 02 Jan 2024 19:11

Tgt Ion:107 Resp: 402642
Ion Ratio Lower Upper
107 100
121 50.6 39.8 59.6
122 83.7 66.4 99.6

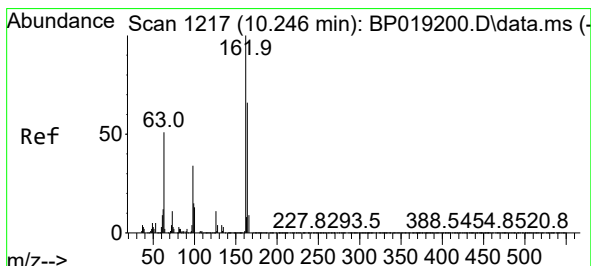
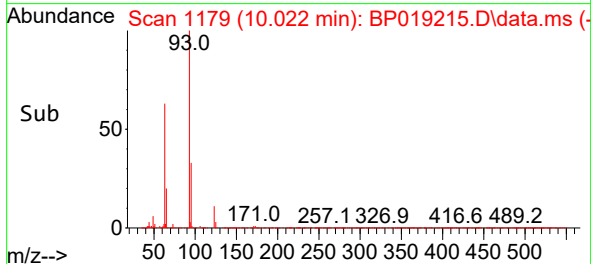
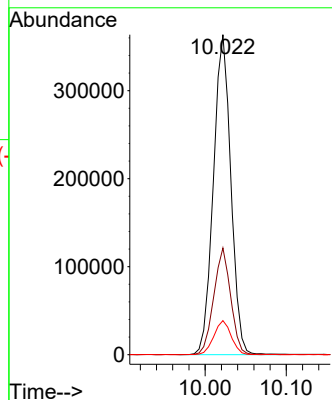
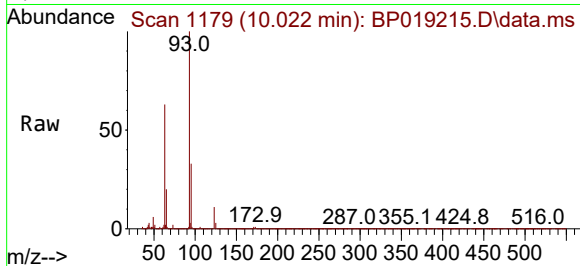




#27
Bis(2-Chloroethoxy)methane
Concen: 34.096 ng/ul
RT: 10.022 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BP019215.D
Acq: 02 Jan 2024 19:11

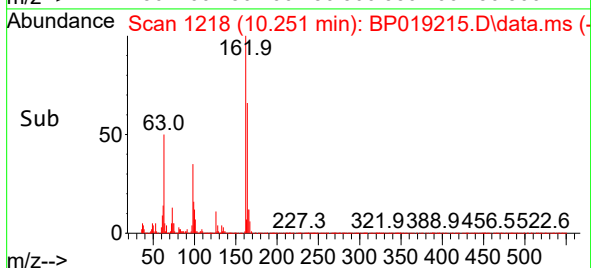
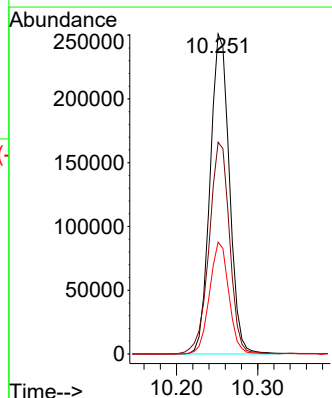
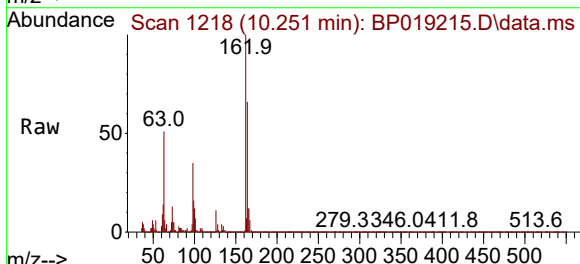
Instrument :
BNA_P
ClientSampleId :
SLCS101

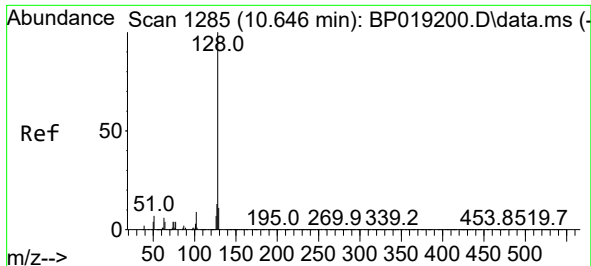
Tgt Ion: 93 Resp: 542958
Ion Ratio Lower Upper
93 100
95 33.3 26.7 40.1
123 10.7 8.5 12.7



#29
2,4-Dichlorophenol
Concen: 35.598 ng/ul
RT: 10.251 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BP019215.D
Acq: 02 Jan 2024 19:11

Tgt Ion: 162 Resp: 415182
Ion Ratio Lower Upper
162 100
164 66.2 52.6 78.8
98 35.0 26.7 40.1

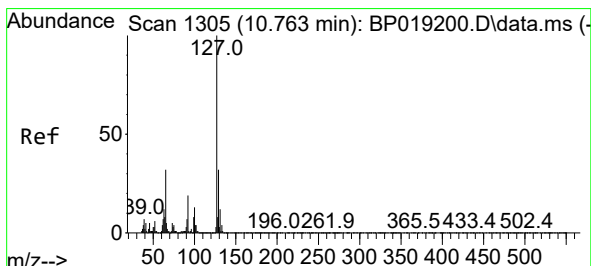
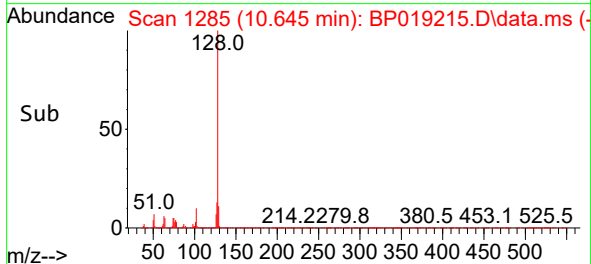
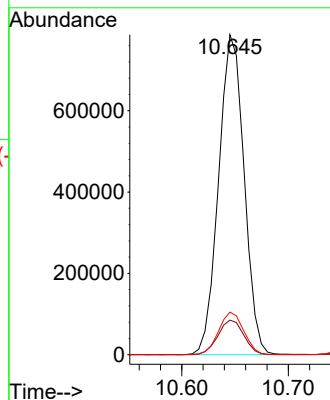
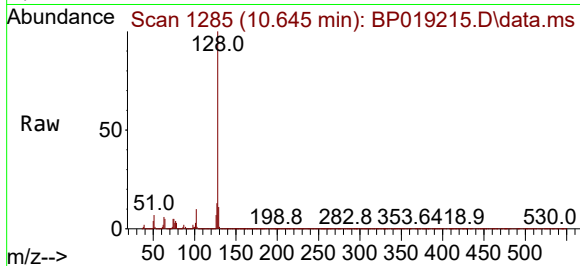




#30
Naphthalene
Concen: 34.228 ng/ul
RT: 10.645 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019215.D
Acq: 02 Jan 2024 19:11

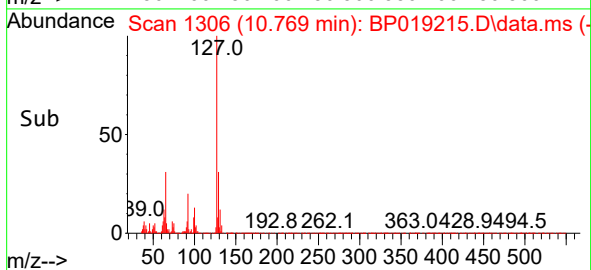
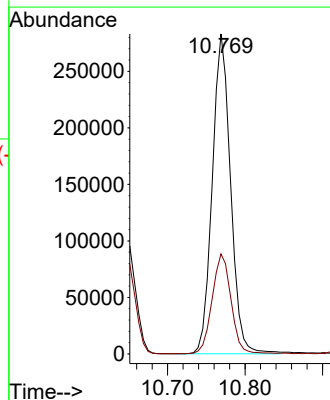
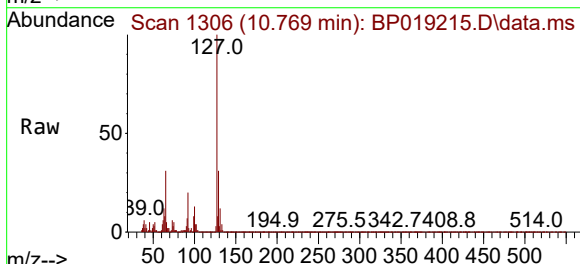
Instrument :
BNA_P
ClientSampleId :
SLCS101

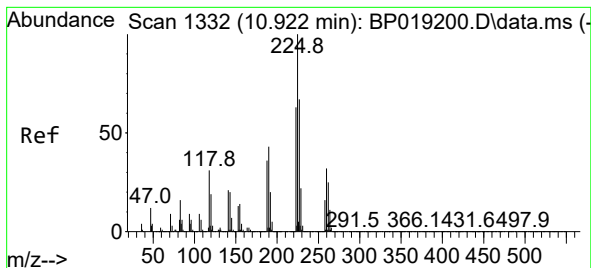
Tgt Ion:128 Resp: 1305577
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.3 10.6 15.8



#32
4-Chloroaniline
Concen: 33.023 ng/ul
RT: 10.769 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BP019215.D
Acq: 02 Jan 2024 19:11

Tgt Ion:127 Resp: 465173
Ion Ratio Lower Upper
127 100
129 31.2 25.6 38.4





#33

Hexachlorobutadiene

Concen: 35.209 ng/ul

RT: 10.922 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP019215.D

Acq: 02 Jan 2024 19:11

Instrument :

BNA_P

ClientSampleId :

SLCS101

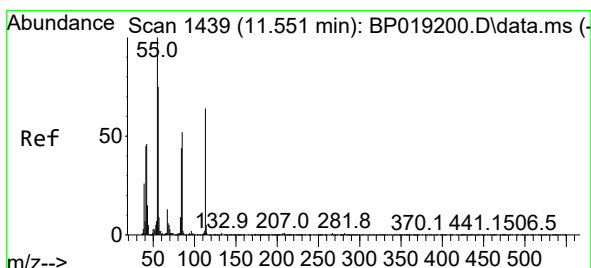
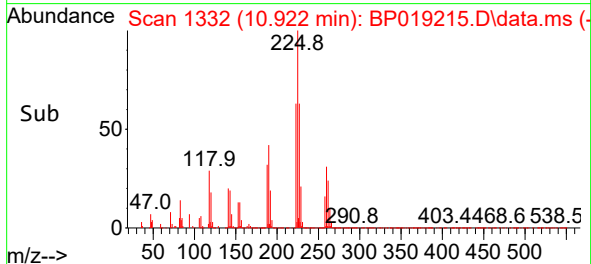
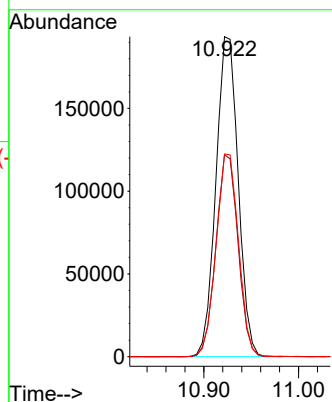
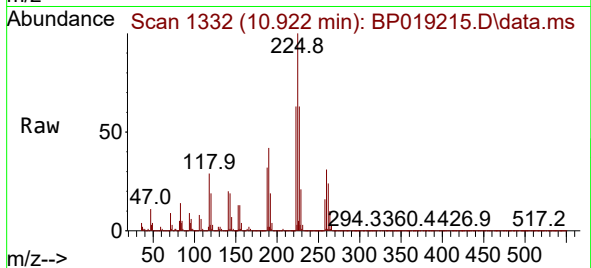
Tgt Ion:225 Resp: 316026

Ion Ratio Lower Upper

225 100

223 63.1 50.5 75.7

227 63.3 53.0 79.4



#34

Caprolactam

Concen: 42.964 ng/ul

RT: 11.575 min Scan# 1443

Delta R.T. 0.023 min

Lab File: BP019215.D

Acq: 02 Jan 2024 19:11

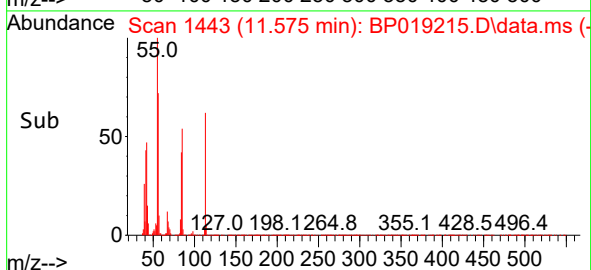
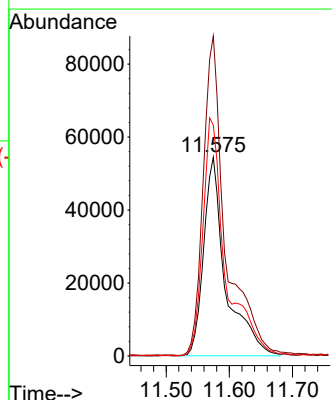
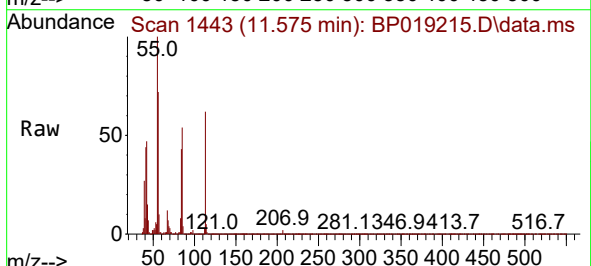
Tgt Ion:113 Resp: 132355

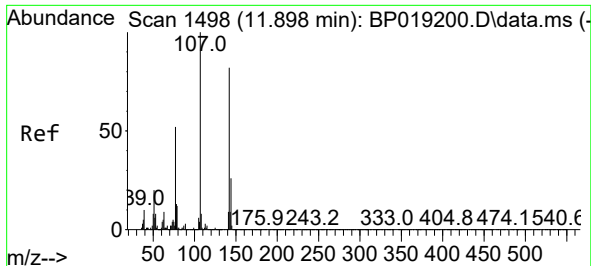
Ion Ratio Lower Upper

113 100

55 161.1 122.6 184.0

56 116.1 93.0 139.4

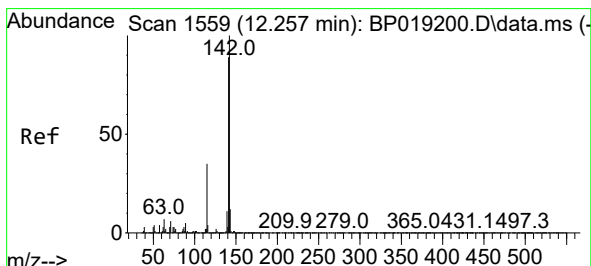
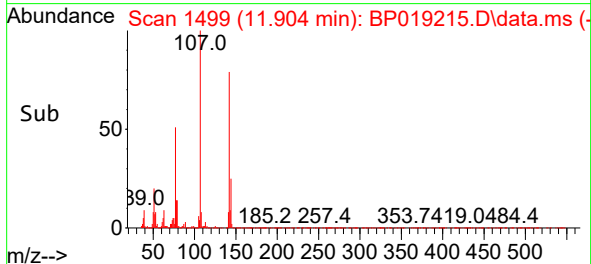
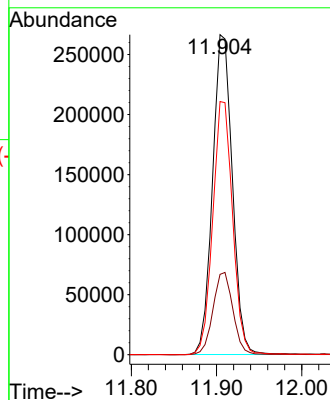
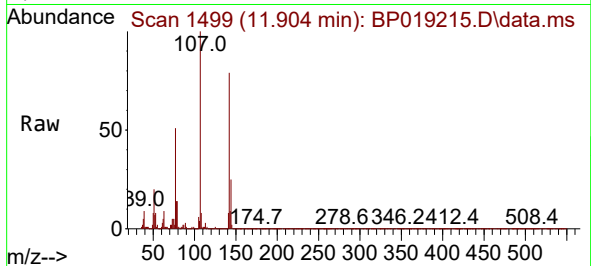




#35
4-Chloro-3-methylphenol
Concen: 37.658 ng/ul
RT: 11.904 min Scan# 1498
Delta R.T. 0.005 min
Lab File: BP019215.D
Acq: 02 Jan 2024 19:11

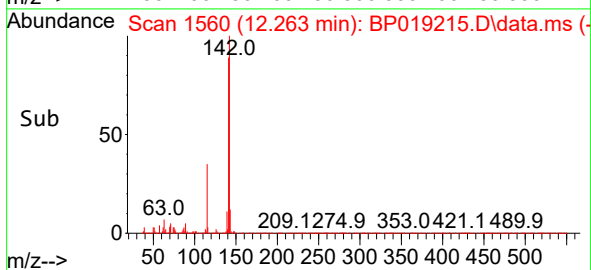
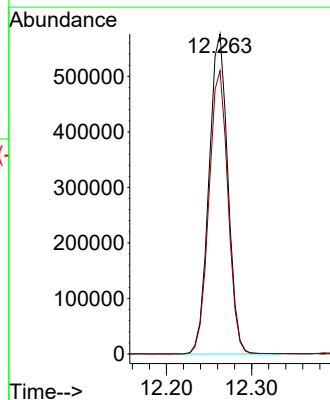
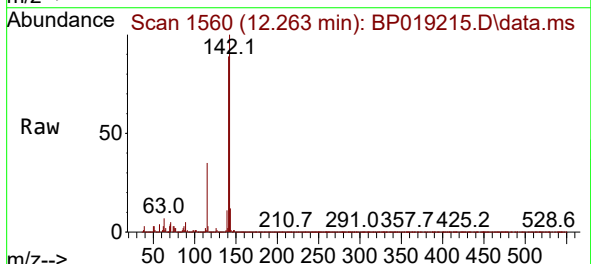
Instrument :
BNA_P
ClientSampleId :
SLCS101

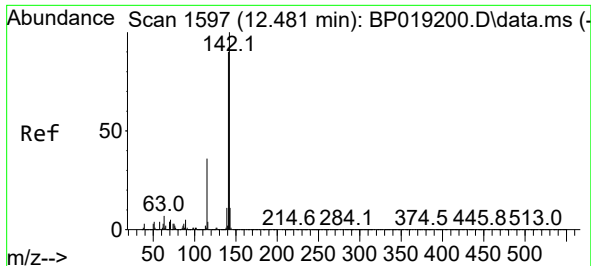
Tgt Ion:107 Resp: 431141
Ion Ratio Lower Upper
107 100
144 25.1 21.0 31.6
142 79.1 64.8 97.2



#36
2-Methylnaphthalene
Concen: 34.488 ng/ul
RT: 12.263 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BP019215.D
Acq: 02 Jan 2024 19:11

Tgt Ion:142 Resp: 886938
Ion Ratio Lower Upper
142 100
141 88.5 71.7 107.5

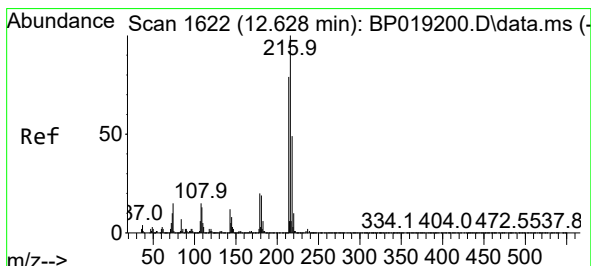
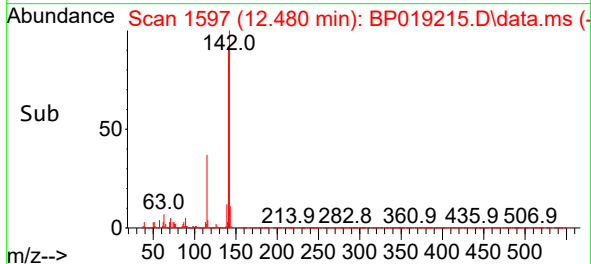
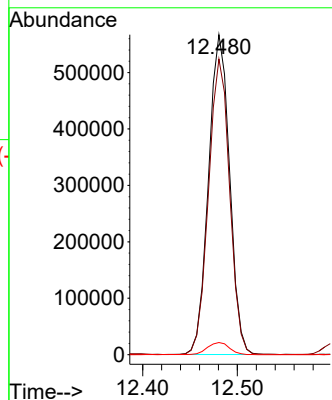
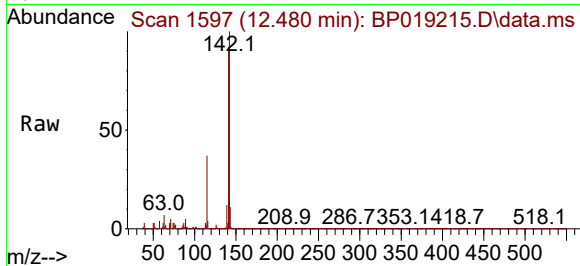




#37
1-Methylnaphthalene
Concen: 33.744 ng/ul
RT: 12.480 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BP019215.D
Acq: 02 Jan 2024 19:11

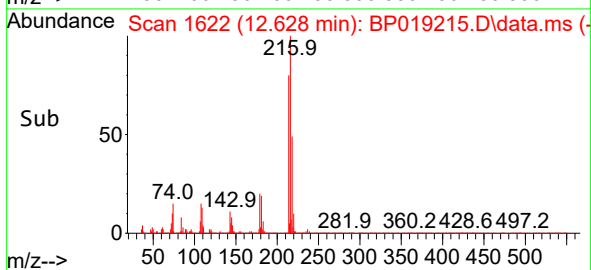
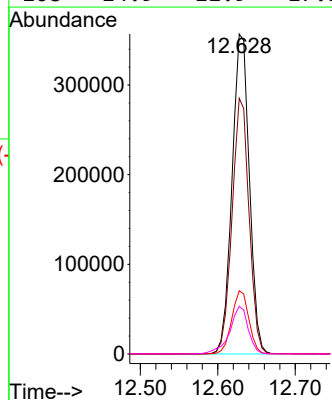
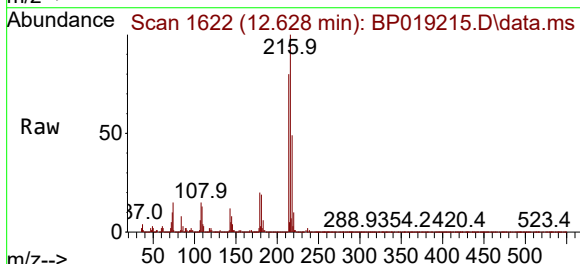
Instrument :
BNA_P
ClientSampleId :
SLCS101

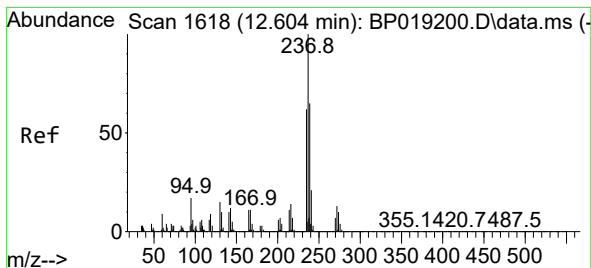
Tgt Ion:142 Resp: 875104
Ion Ratio Lower Upper
142 100
141 92.4 74.4 111.6
116 3.8 3.0 4.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 33.089 ng/ul
RT: 12.628 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BP019215.D
Acq: 02 Jan 2024 19:11

Tgt Ion:216 Resp: 554926
Ion Ratio Lower Upper
216 100
214 79.9 62.6 94.0
179 19.8 15.8 23.8
108 14.9 11.9 17.9





#40

Hexachlorocyclopentadiene

Concen: 30.547 ng/ul

RT: 12.604 min Scan# 1618

Delta R.T. -0.006 min

Lab File: BP019215.D

Acq: 02 Jan 2024 19:11

Instrument :

BNA_P

ClientSampleId :

SLCS101

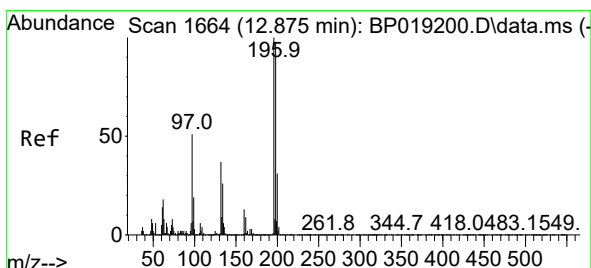
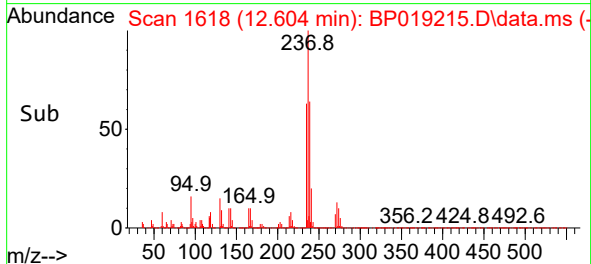
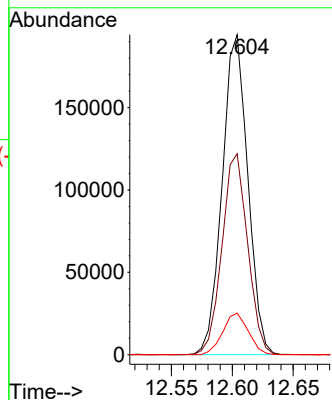
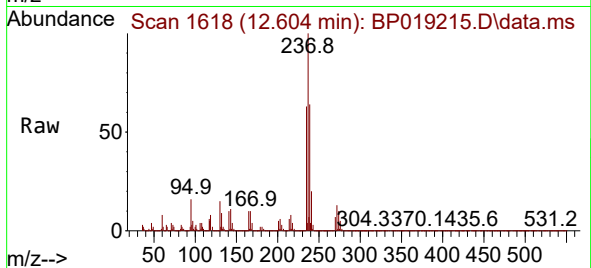
Tgt Ion:237 Resp: 284363

Ion Ratio Lower Upper

237 100

235 62.8 51.2 76.8

272 13.0 10.9 16.3



#41

2,4,6-Trichlorophenol

Concen: 36.136 ng/ul

RT: 12.880 min Scan# 1665

Delta R.T. -0.000 min

Lab File: BP019215.D

Acq: 02 Jan 2024 19:11

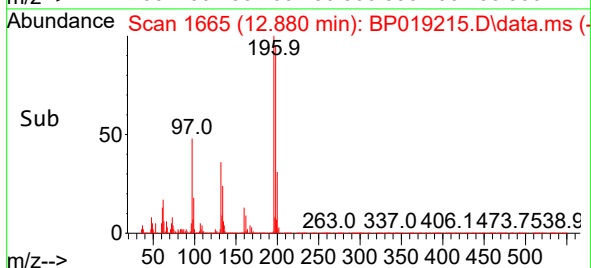
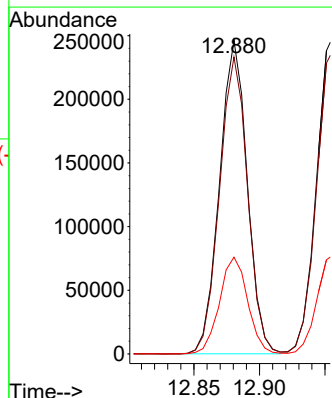
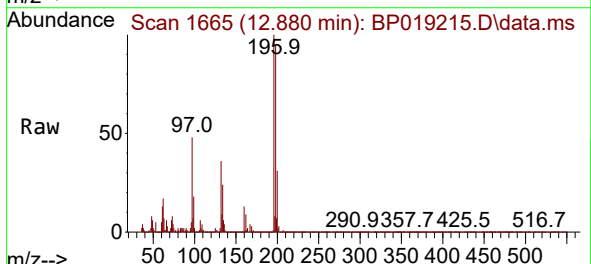
Tgt Ion:196 Resp: 361673

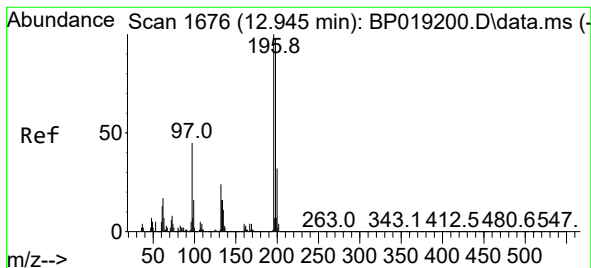
Ion Ratio Lower Upper

196 100

198 94.6 77.4 116.0

200 30.9 24.6 36.8





#42

2,4,5-Trichlorophenol

Concen: 36.439 ng/ul

RT: 12.957 min Scan# 1

Delta R.T. 0.005 min

Lab File: BP019215.D

Acq: 02 Jan 2024 19:11

Instrument :

BNA_P

ClientSampleId :

SLCS101

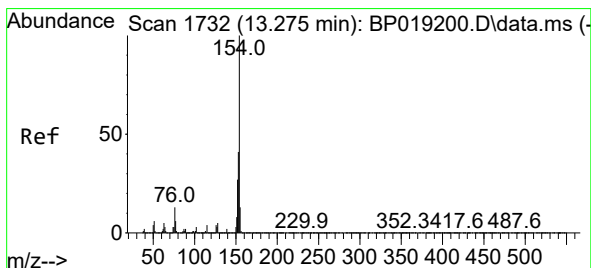
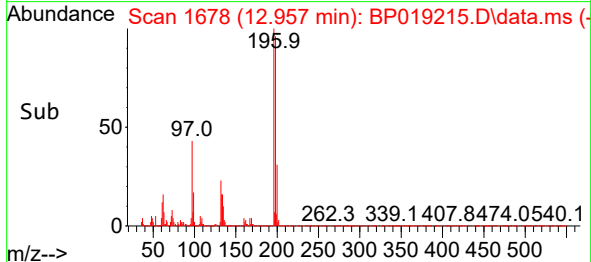
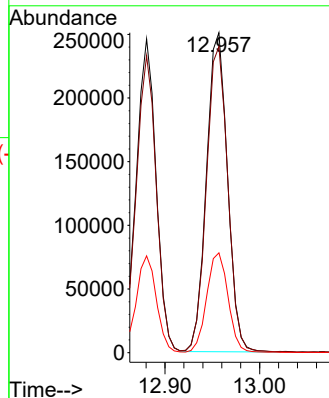
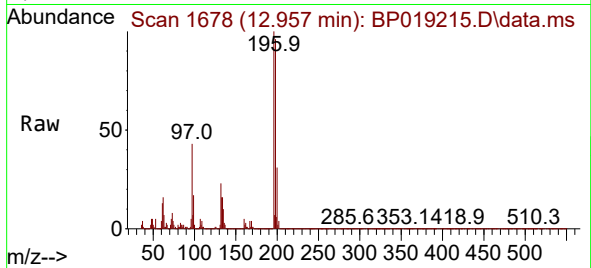
Tgt Ion:196 Resp: 387138

Ion Ratio Lower Upper

196 100

198 95.7 77.3 115.9

200 31.2 25.7 38.5



#43

1,1'-Biphenyl

Concen: 33.201 ng/ul

RT: 13.275 min Scan# 1732

Delta R.T. -0.006 min

Lab File: BP019215.D

Acq: 02 Jan 2024 19:11

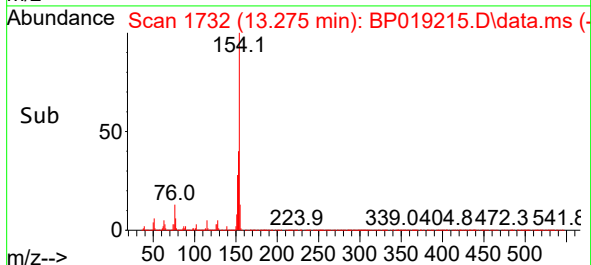
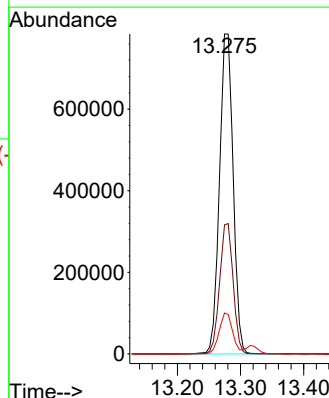
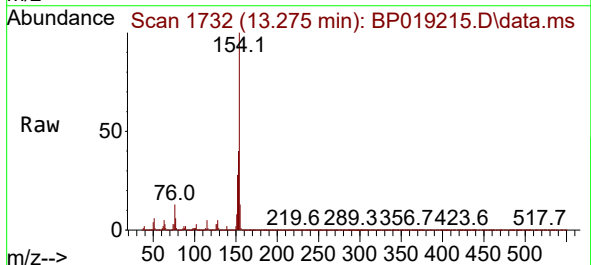
Tgt Ion:154 Resp: 1179339

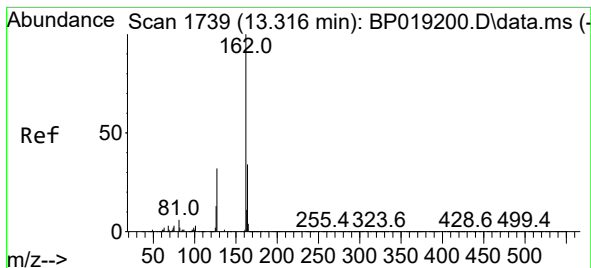
Ion Ratio Lower Upper

154 100

153 40.3 31.9 47.9

76 12.8 9.5 14.3

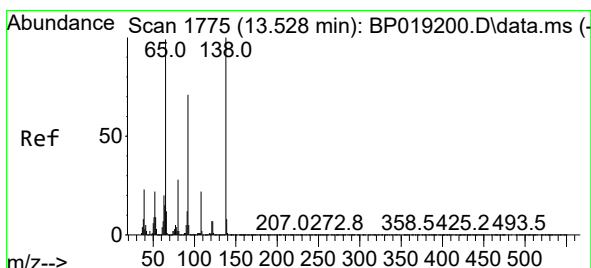
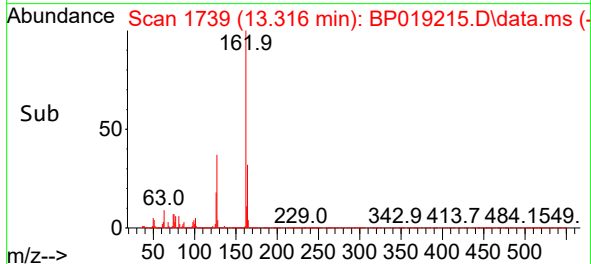
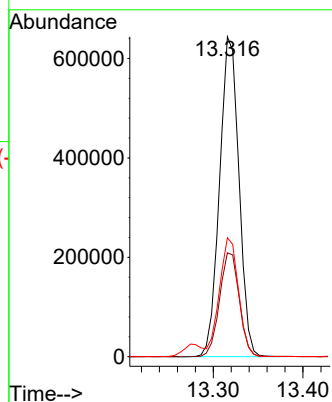
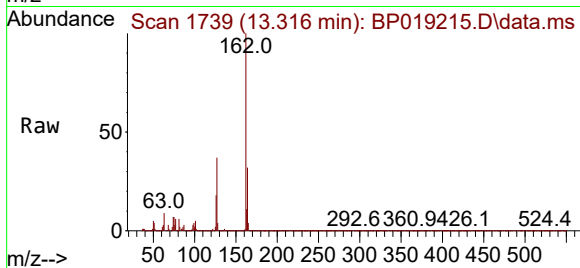




#44
2-Chloronaphthalene
Concen: 33.864 ng/ul
RT: 13.316 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BP019215.D
Acq: 02 Jan 2024 19:11

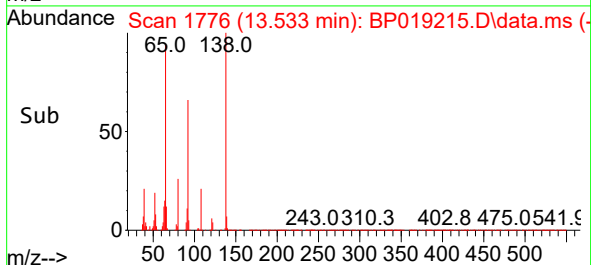
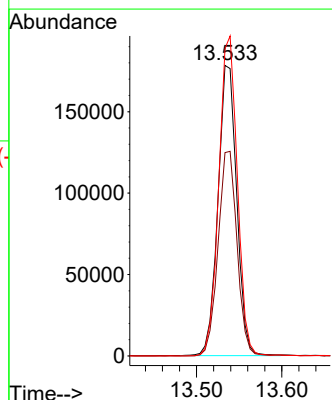
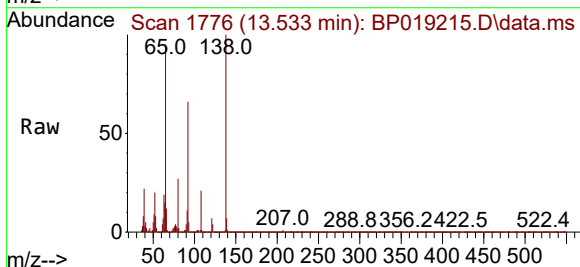
Instrument :
BNA_P
ClientSampleId :
SLCS101

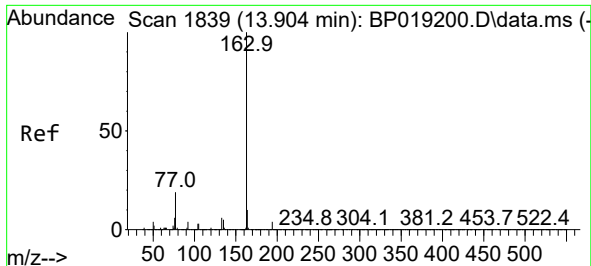
Tgt Ion:162 Resp: 965230
Ion Ratio Lower Upper
162 100
164 32.5 26.2 39.4
127 37.2 28.8 43.2



#45
2-Nitroaniline
Concen: 39.864 ng/ul
RT: 13.533 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BP019215.D
Acq: 02 Jan 2024 19:11

Tgt Ion: 65 Resp: 272773
Ion Ratio Lower Upper
65 100
92 70.0 60.2 90.4
138 105.7 92.9 139.3

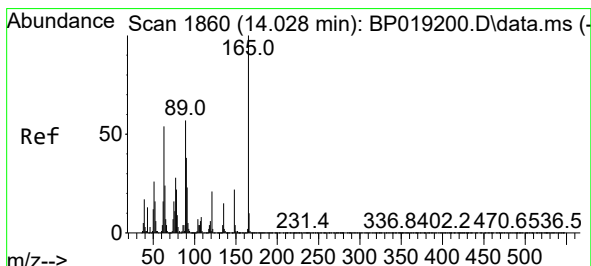
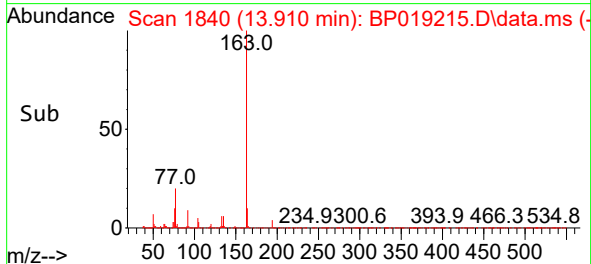
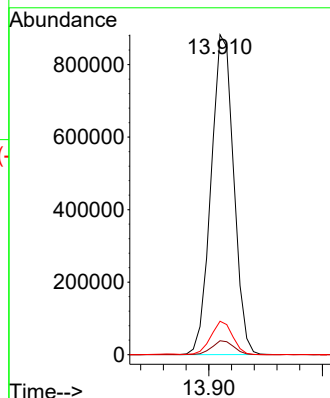
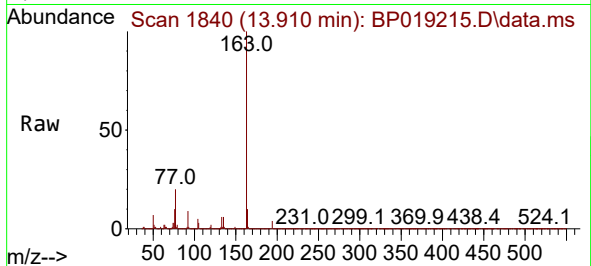




#47
Dimethylphthalate
Concen: 34.312 ng/ul
RT: 13.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BP019215.D
Acq: 02 Jan 2024 19:11

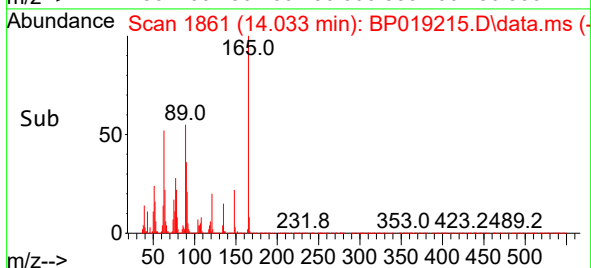
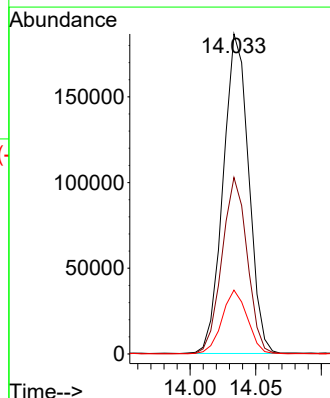
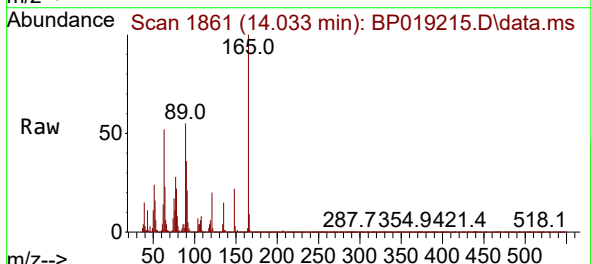
Instrument :
BNA_P
ClientSampleId :
SLCS101

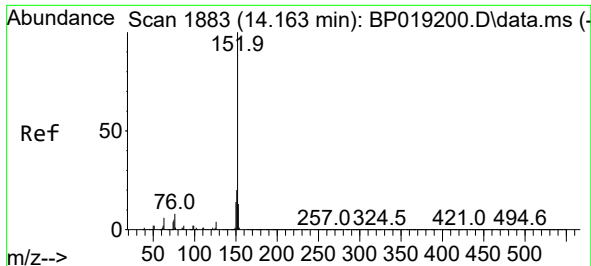
Tgt Ion:163 Resp: 1218220
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.5 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 38.674 ng/ul
RT: 14.033 min Scan# 1861
Delta R.T. -0.000 min
Lab File: BP019215.D
Acq: 02 Jan 2024 19:11

Tgt Ion:165 Resp: 252313
Ion Ratio Lower Upper
165 100
89 55.2 45.1 67.7
121 20.0 16.7 25.1

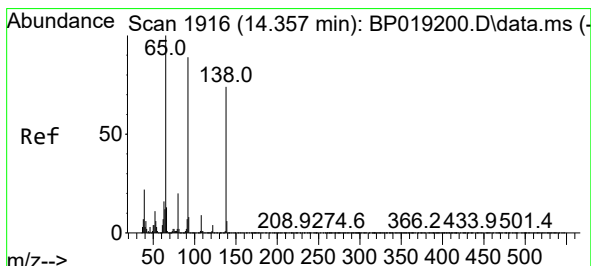
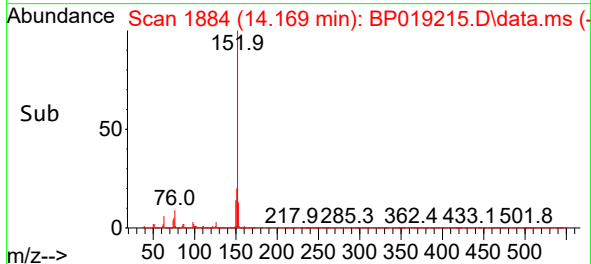
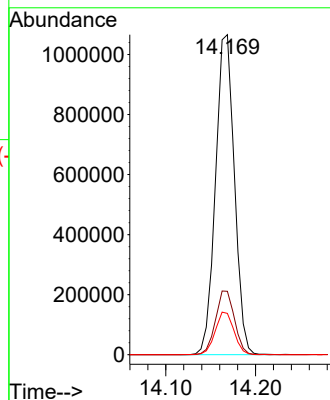
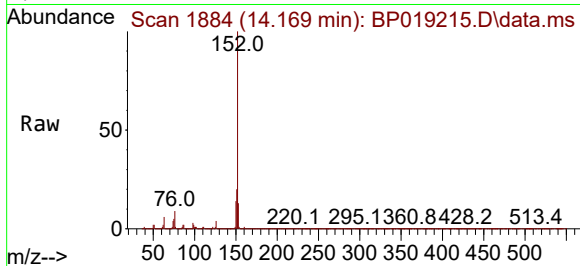




#50
Acenaphthylene
Concen: 35.459 ng/ul
RT: 14.169 min Scan# 1883
Delta R.T. -0.000 min
Lab File: BP019215.D
Acq: 02 Jan 2024 19:11

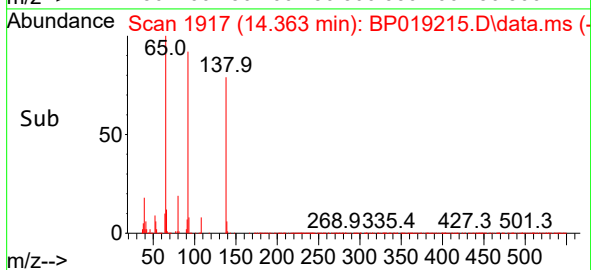
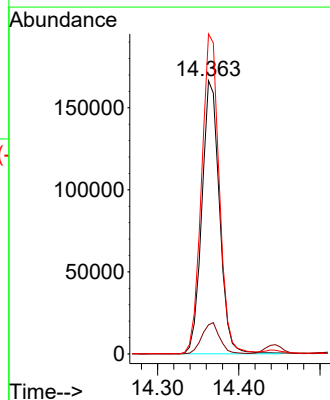
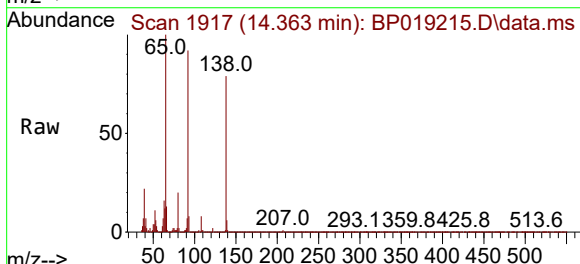
Instrument :
BNA_P
ClientSampleId :
SLCS101

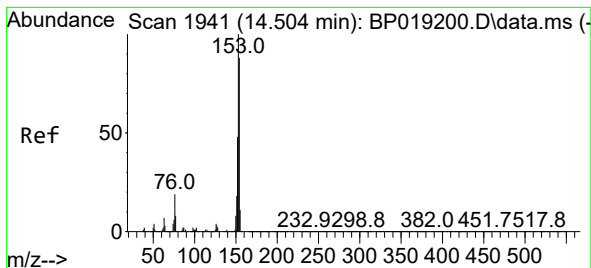
Tgt Ion:152 Resp: 1557018
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 12.9 10.6 15.8



#51
3-Nitroaniline
Concen: 39.238 ng/ul
RT: 14.363 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BP019215.D
Acq: 02 Jan 2024 19:11

Tgt Ion:138 Resp: 250266
Ion Ratio Lower Upper
138 100
108 10.7 9.8 14.6
92 117.1 91.9 137.9





#52

Acenaphthene

Concen: 34.319 ng/ul

RT: 14.510 min Scan# 1942

Delta R.T. -0.000 min

Lab File: BP019215.D

Acq: 02 Jan 2024 19:11

Instrument :

BNA_P

ClientSampleId :

SLCS101

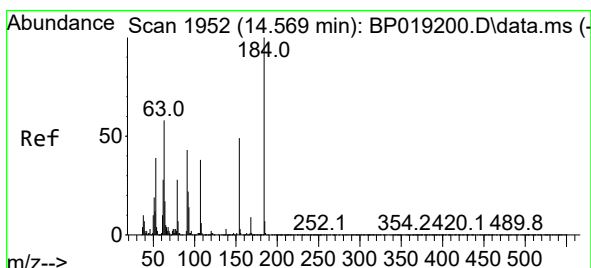
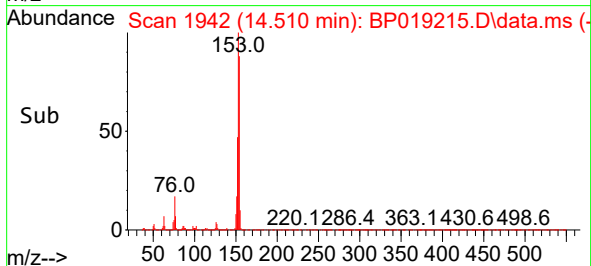
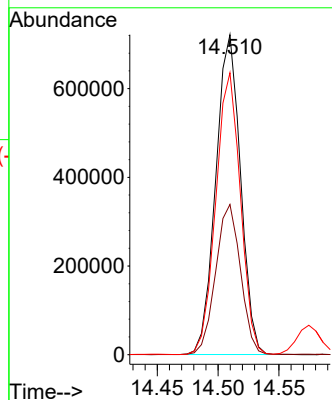
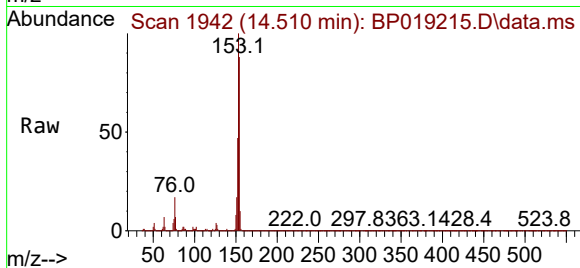
Tgt Ion:153 Resp: 1021343

Ion Ratio Lower Upper

153 100

152 46.9 38.1 57.1

154 88.1 70.1 105.1



#53

2,4-Dinitrophenol

Concen: 36.235 ng/ul

RT: 14.575 min Scan# 1953

Delta R.T. -0.000 min

Lab File: BP019215.D

Acq: 02 Jan 2024 19:11

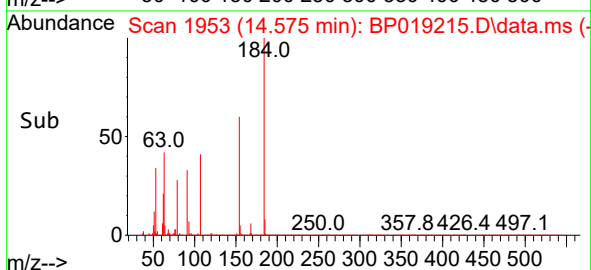
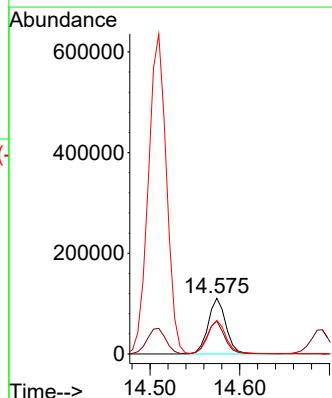
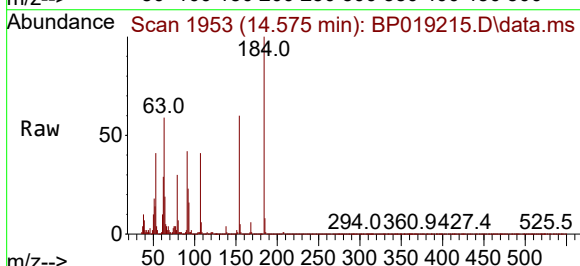
Tgt Ion:184 Resp: 152299

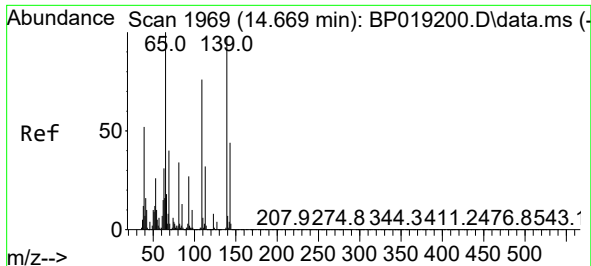
Ion Ratio Lower Upper

184 100

63 59.1 48.5 72.7

154 60.2 49.3 73.9

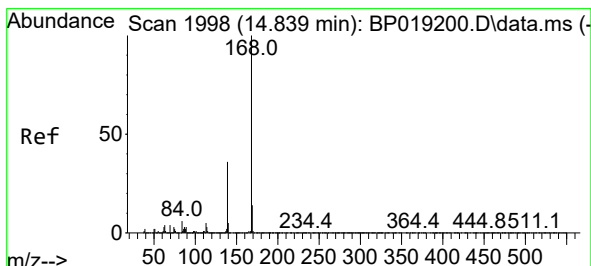
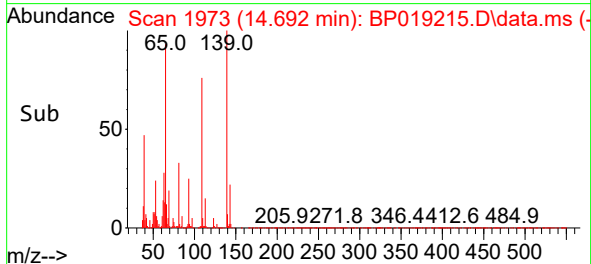
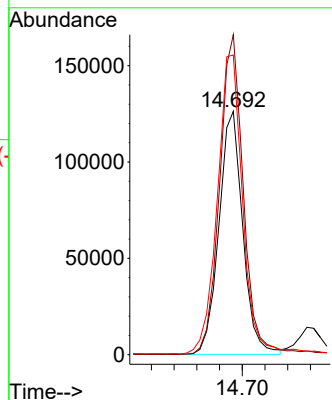
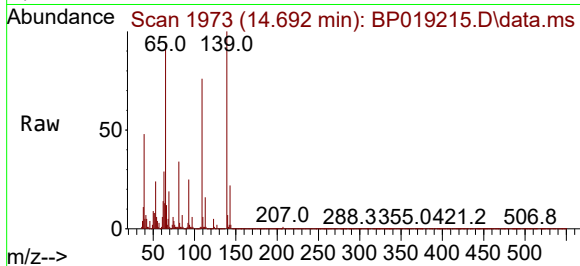




#55
4-Nitrophenol
Concen: 37.782 ng/ul
RT: 14.692 min Scan# 1973
Delta R.T. 0.011 min
Lab File: BP019215.D
Acq: 02 Jan 2024 19:11

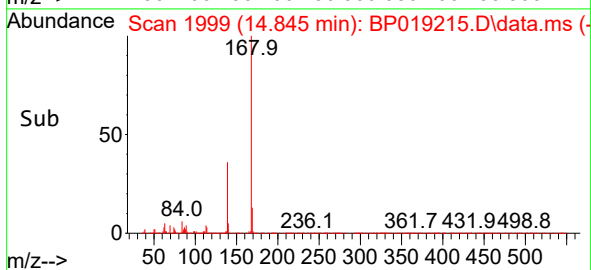
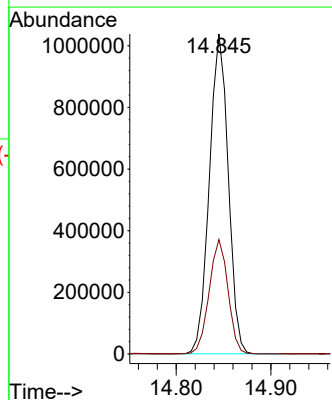
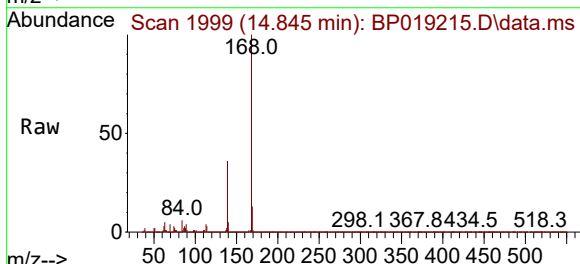
Instrument :
BNA_P
ClientSampleId :
SLCS101

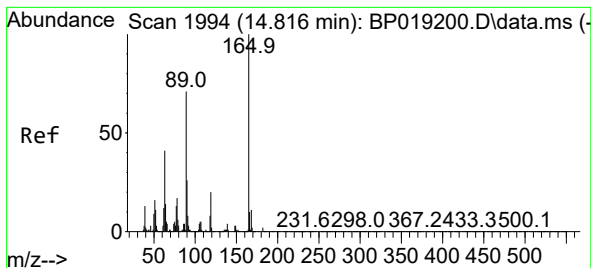
Tgt Ion:109 Resp: 183393
Ion Ratio Lower Upper
109 100
139 131.5 102.6 154.0
65 123.2 92.9 139.3



#56
Dibenzofuran
Concen: 33.786 ng/ul
RT: 14.845 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BP019215.D
Acq: 02 Jan 2024 19:11

Tgt Ion:168 Resp: 1435849
Ion Ratio Lower Upper
168 100
139 35.7 27.4 41.0





#57

2,4-Dinitrotoluene

Concen: 38.944 ng/ul

RT: 14.827 min Scan# 1996

Delta R.T. 0.005 min

Lab File: BP019215.D

Acq: 02 Jan 2024 19:11

Instrument :

BNA_P

ClientSampleId :

SLCS101

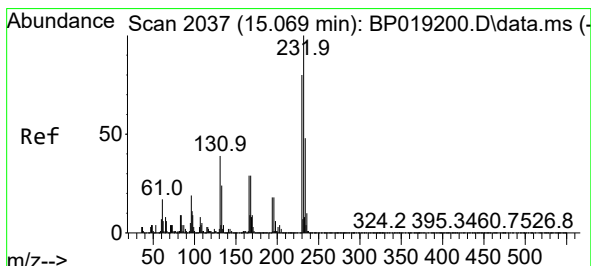
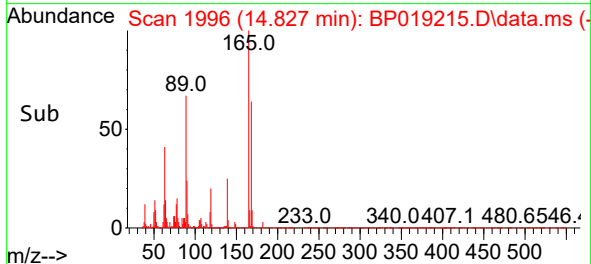
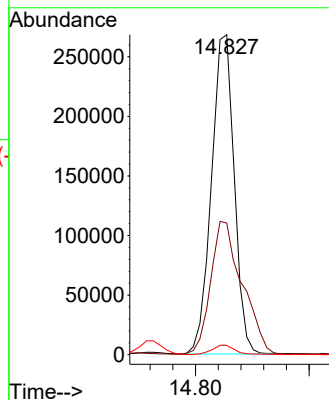
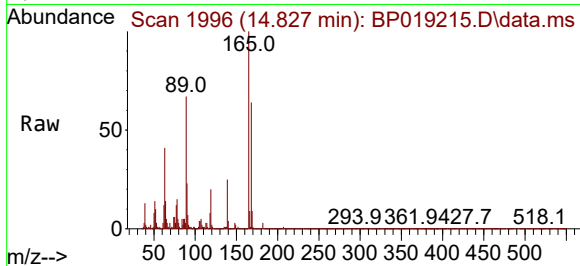
Tgt Ion:165 Resp: 373667

Ion Ratio Lower Upper

165 100

63 41.2 31.5 47.3

182 2.9 2.2 3.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.198 ng/ul

RT: 15.074 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BP019215.D

Acq: 02 Jan 2024 19:11

Tgt Ion:232 Resp: 354573

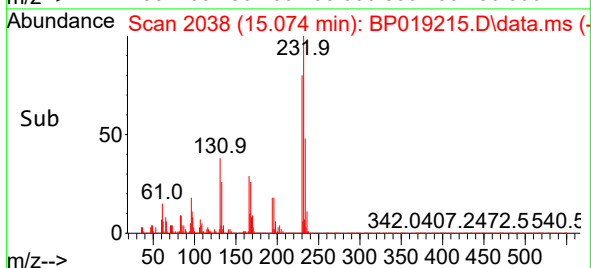
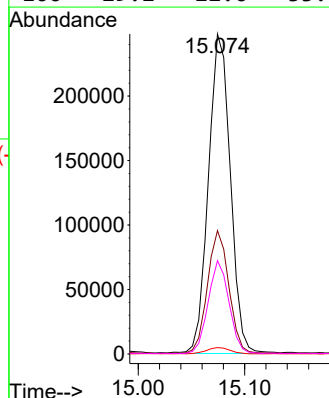
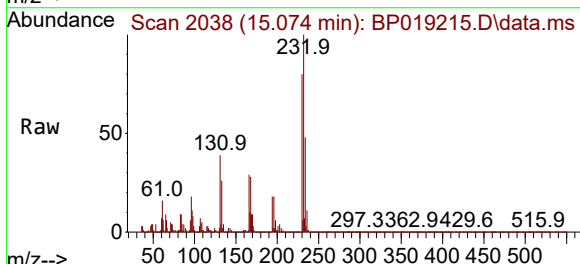
Ion Ratio Lower Upper

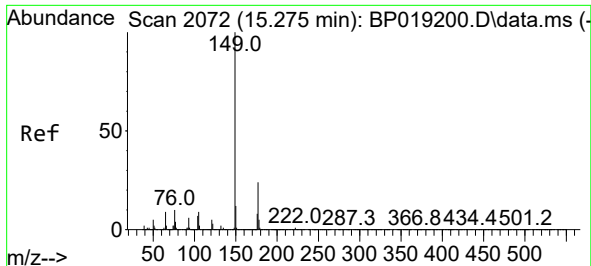
232 100

131 38.6 29.3 43.9

130 2.0 1.4 2.2

166 29.2 22.6 33.8

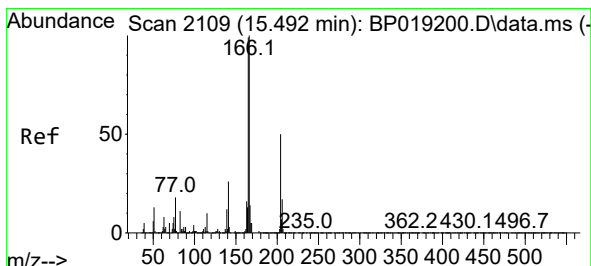
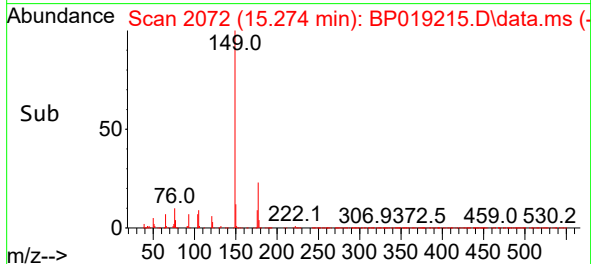
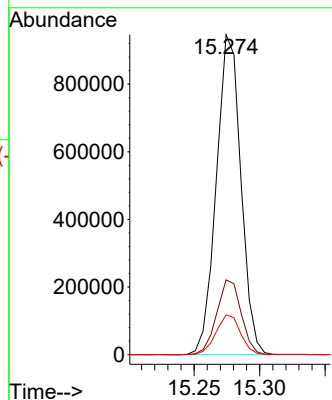
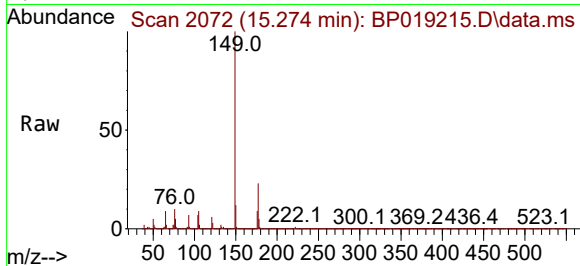




#59
Diethylphthalate
Concen: 35.715 ng/ul
RT: 15.274 min Scan# 2072
Delta R.T. -0.006 min
Lab File: BP019215.D
Acq: 02 Jan 2024 19:11

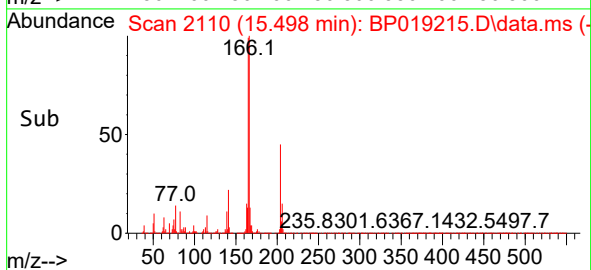
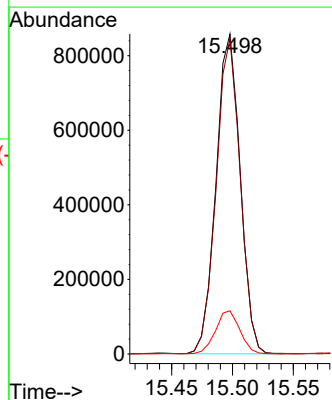
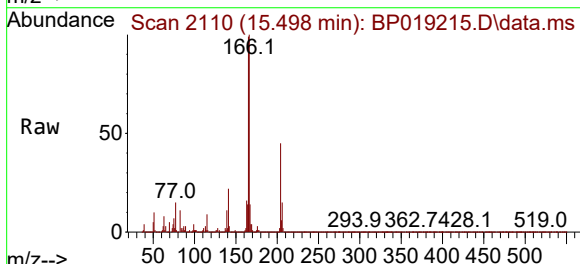
Instrument :
BNA_P
ClientSampleId :
SLCS101

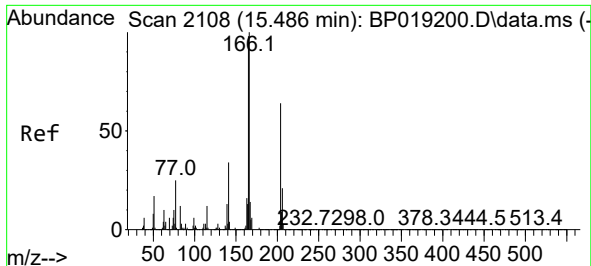
Tgt Ion:149 Resp: 1229454
Ion Ratio Lower Upper
149 100
177 23.4 18.7 28.1
150 12.5 9.8 14.8



#61
Fluorene
Concen: 34.825 ng/ul
RT: 15.498 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BP019215.D
Acq: 02 Jan 2024 19:11

Tgt Ion:166 Resp: 1184605
Ion Ratio Lower Upper
166 100
165 98.6 79.3 118.9
167 13.5 11.0 16.4

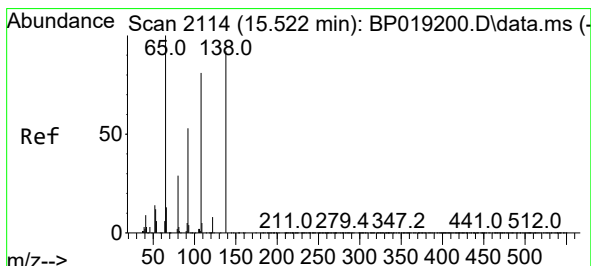
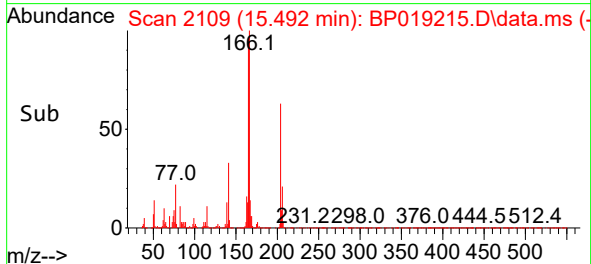
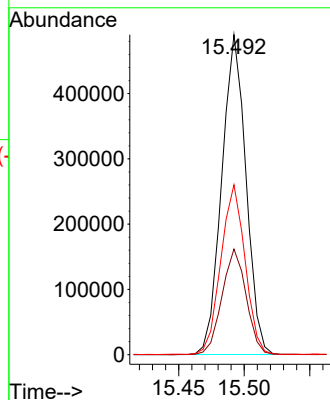
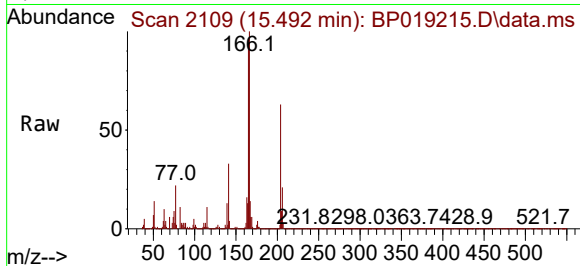




#62
4-Chlorophenyl-phenylether
Concen: 33.858 ng/ul
RT: 15.492 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BP019215.D
Acq: 02 Jan 2024 19:11

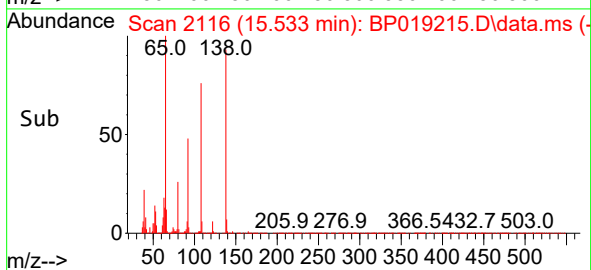
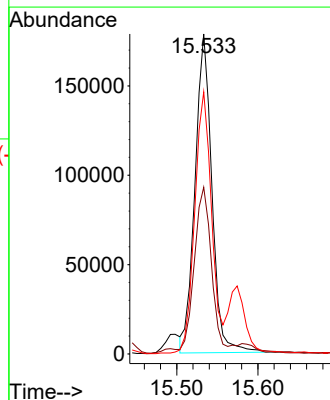
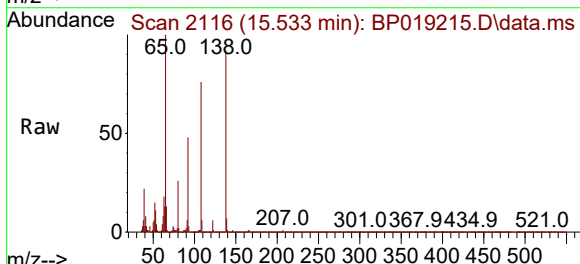
Instrument :
BNA_P
ClientSampleId :
SLCS101

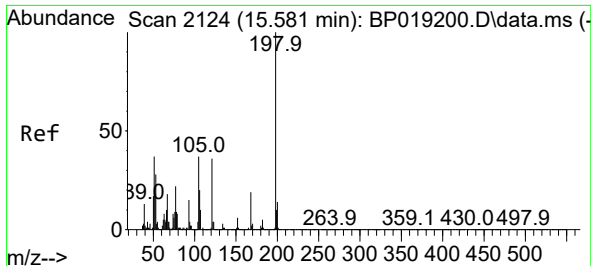
Tgt Ion:204 Resp: 628964
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 53.1 42.2 63.2



#63
4-Nitroaniline
Concen: 40.382 ng/ul
RT: 15.533 min Scan# 2116
Delta R.T. 0.005 min
Lab File: BP019215.D
Acq: 02 Jan 2024 19:11

Tgt Ion:138 Resp: 259135
Ion Ratio Lower Upper
138 100
92 52.1 42.2 63.4
108 81.9 66.2 99.4

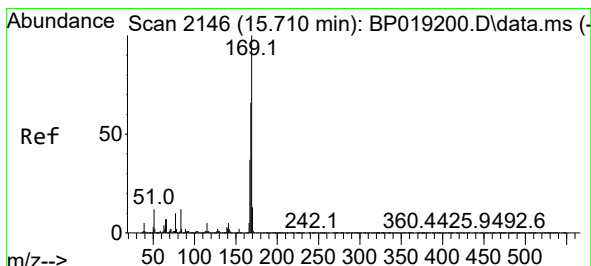
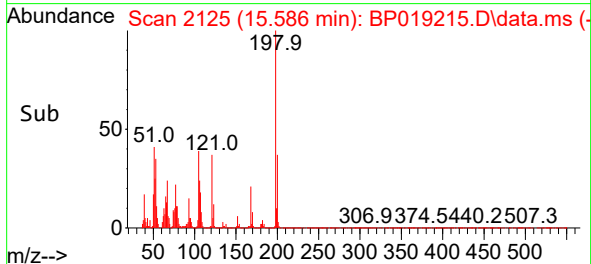
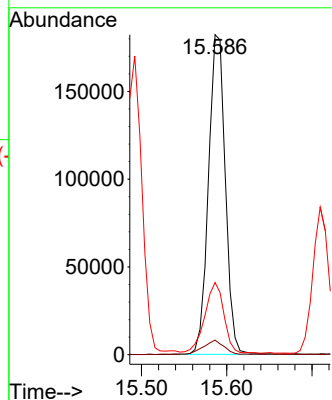
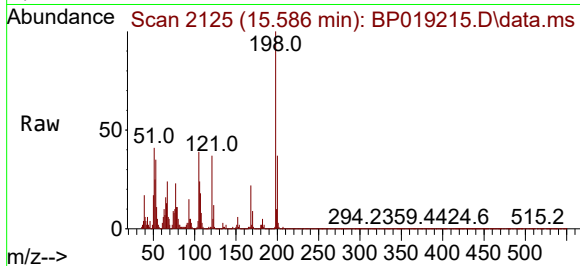




#66
4,6-Dinitro-2-methylphenol
Concen: 37.628 ng/ul
RT: 15.586 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BP019215.D
Acq: 02 Jan 2024 19:11

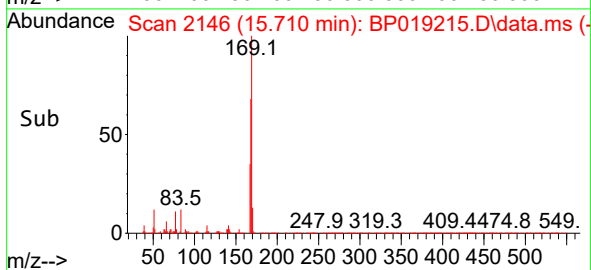
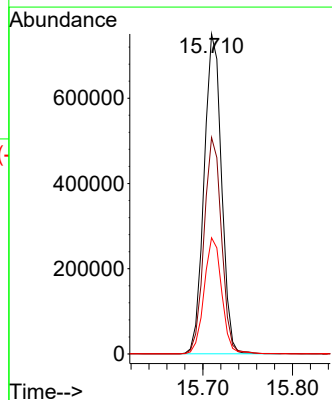
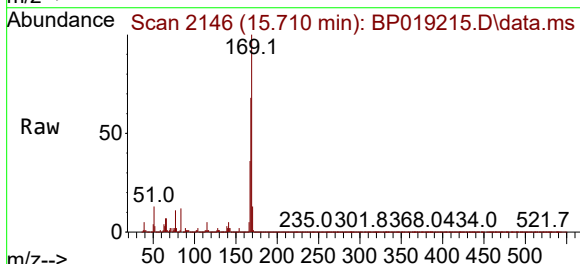
Instrument :
BNA_P
ClientSampleId :
SLCS101

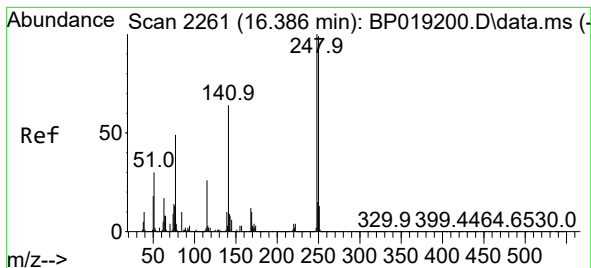
Tgt Ion:198 Resp: 250295
Ion Ratio Lower Upper
198 100
182 4.5 4.0 6.0
77 22.5 17.4 26.2



#67
N-Nitrosodiphenylamine
Concen: 34.503 ng/ul
RT: 15.710 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BP019215.D
Acq: 02 Jan 2024 19:11

Tgt Ion:169 Resp: 1009149
Ion Ratio Lower Upper
169 100
168 67.6 53.8 80.8
167 36.3 29.5 44.3

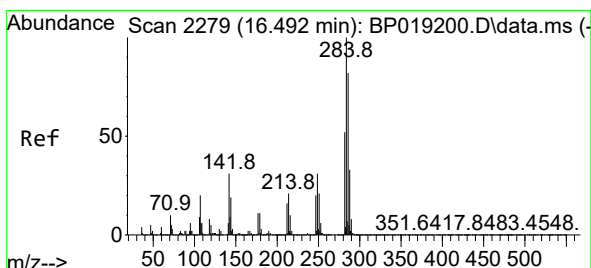
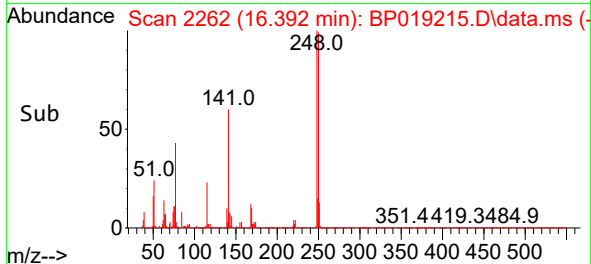
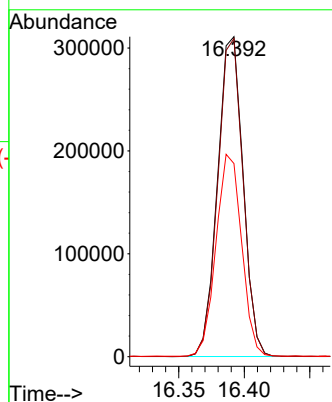
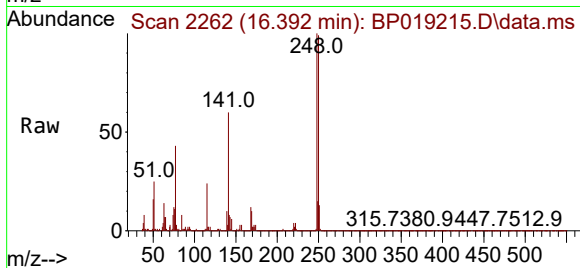




#68
4-Bromophenyl-phenylether
Concen: 35.343 ng/ul
RT: 16.392 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP019215.D
Acq: 02 Jan 2024 19:11

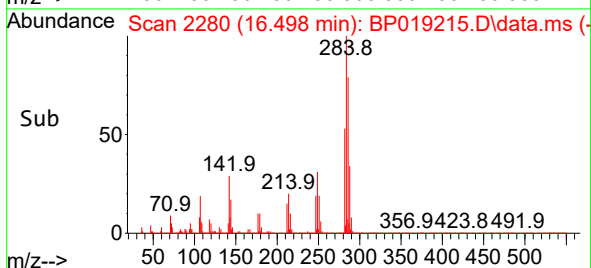
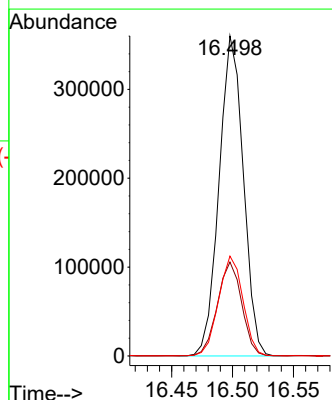
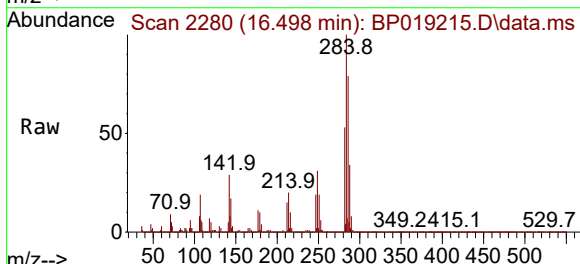
Instrument :
BNA_P
ClientSampleId :
SLCS101

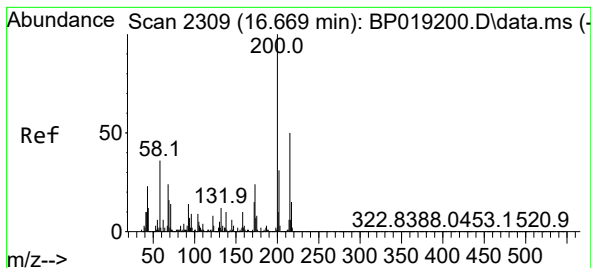
Tgt Ion:248 Resp: 420979
Ion Ratio Lower Upper
248 100
250 99.4 78.3 117.5
141 60.3 48.6 72.8



#69
Hexachlorobenzene
Concen: 34.290 ng/ul
RT: 16.498 min Scan# 2280
Delta R.T. -0.006 min
Lab File: BP019215.D
Acq: 02 Jan 2024 19:11

Tgt Ion:284 Resp: 499139
Ion Ratio Lower Upper
284 100
142 29.3 22.9 34.3
249 31.2 23.7 35.5





#70

Atrazine

Concen: 45.043 ng/ul

RT: 16.674 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP019215.D

Acq: 02 Jan 2024 19:11

Instrument :

BNA_P

ClientSampleId :

SLCS101

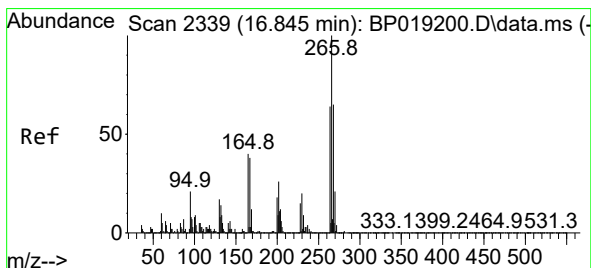
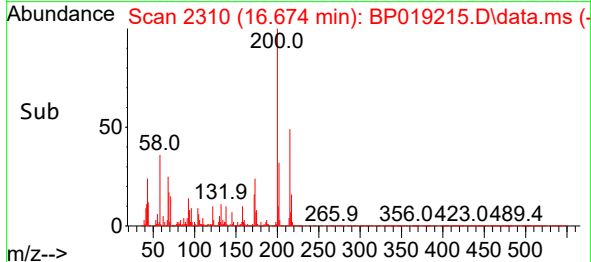
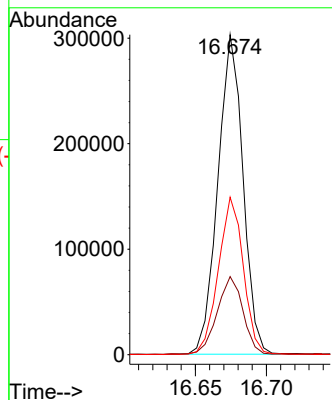
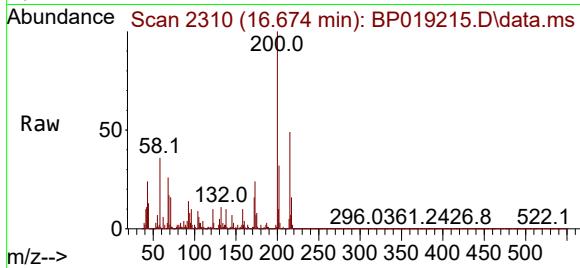
Tgt Ion:200 Resp: 371797

Ion Ratio Lower Upper

200 100

173 24.4 20.2 30.2

215 49.2 39.9 59.9



#71

Pentachlorophenol

Concen: 48.471 ng/ul

RT: 16.851 min Scan# 2340

Delta R.T. -0.000 min

Lab File: BP019215.D

Acq: 02 Jan 2024 19:11

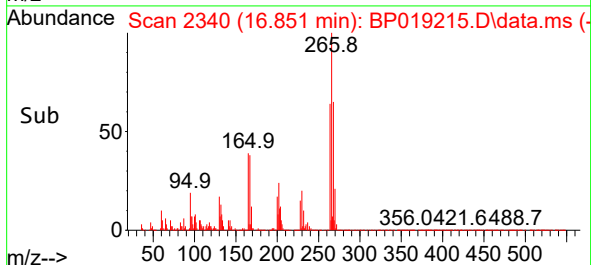
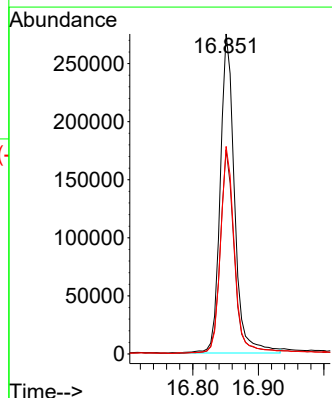
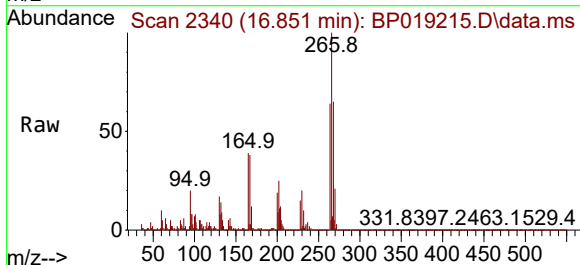
Tgt Ion:266 Resp: 414248

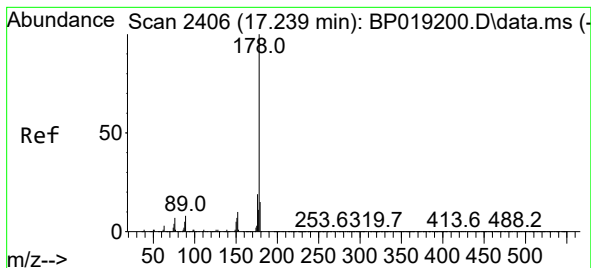
Ion Ratio Lower Upper

266 100

264 63.8 50.0 75.0

268 64.8 52.8 79.2





#72

Phenanthrene

Concen: 34.180 ng/ul

RT: 17.245 min Scan# 2406

Delta R.T. -0.000 min

Lab File: BP019215.D

Acq: 02 Jan 2024 19:11

Instrument :

BNA_P

ClientSampleId :

SLCS101

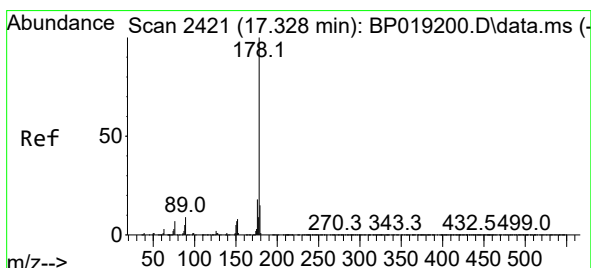
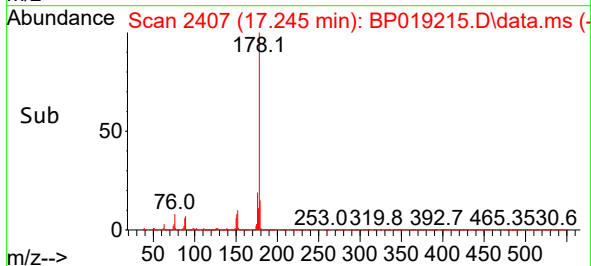
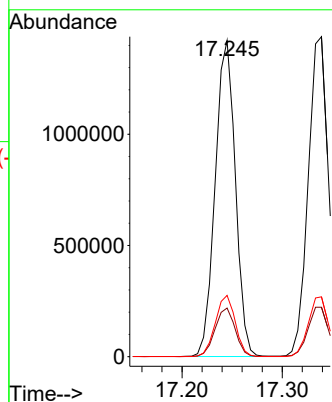
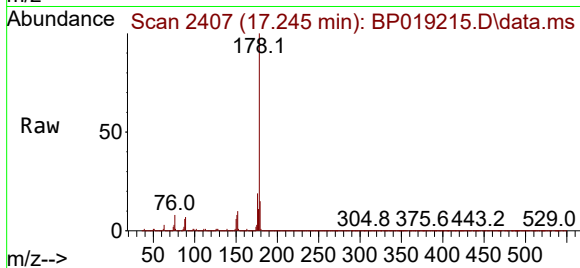
Tgt Ion:178 Resp: 1985065

Ion Ratio Lower Upper

178 100

179 15.4 11.9 17.9

176 19.4 15.0 22.6



#74

Anthracene

Concen: 34.850 ng/ul

RT: 17.339 min Scan# 2423

Delta R.T. -0.000 min

Lab File: BP019215.D

Acq: 02 Jan 2024 19:11

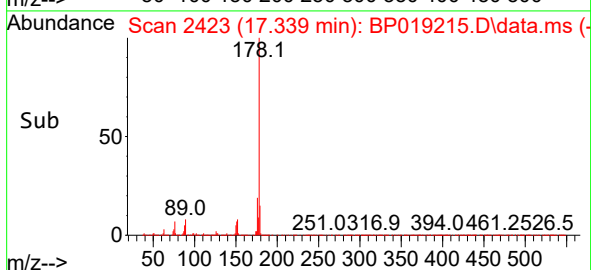
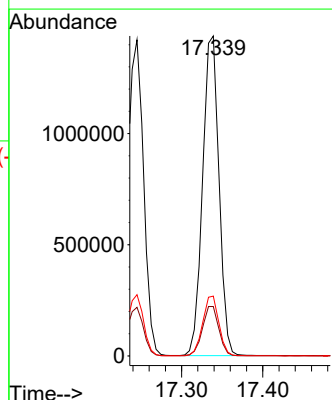
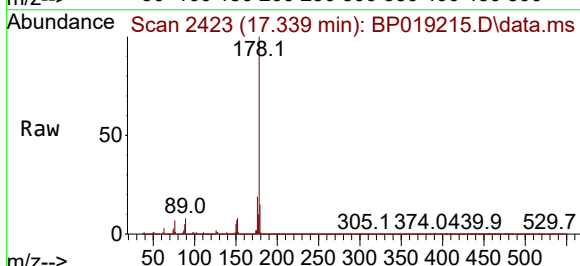
Tgt Ion:178 Resp: 2014924

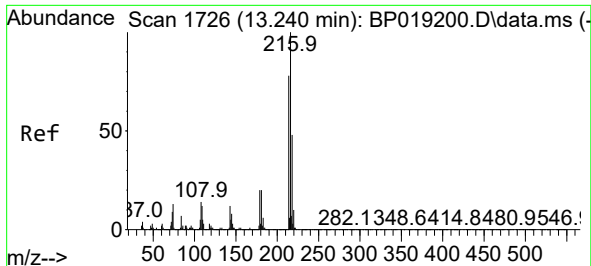
Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.4

176 18.7 14.9 22.3

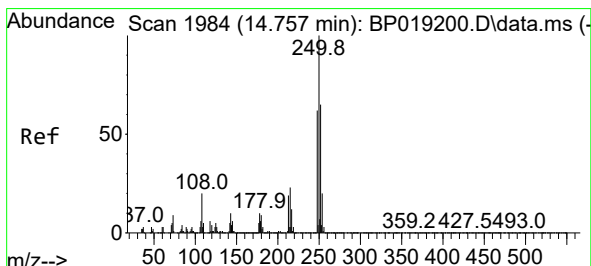
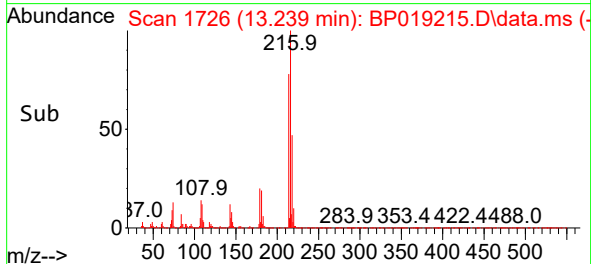
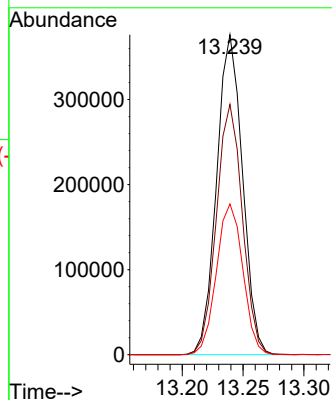
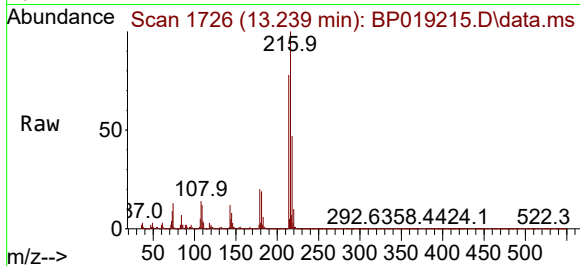




#75
1,2,3,4-Tetrachlorobenzene
Concen: 33.448 ng/uL
RT: 13.239 min Scan# 1726
Delta R.T. -0.006 min
Lab File: BP019215.D
Acq: 02 Jan 2024 19:11

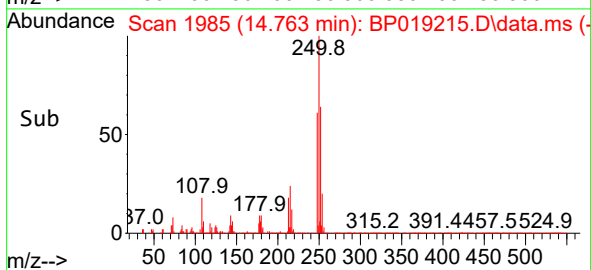
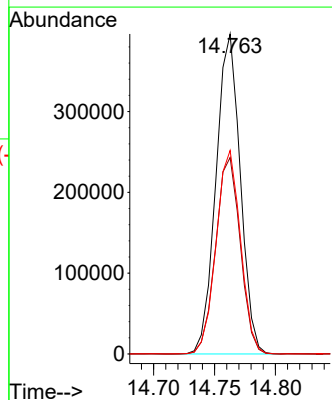
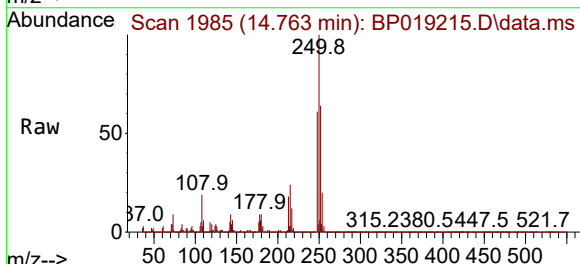
Instrument :
BNA_P
ClientSampleId :
SLCS101

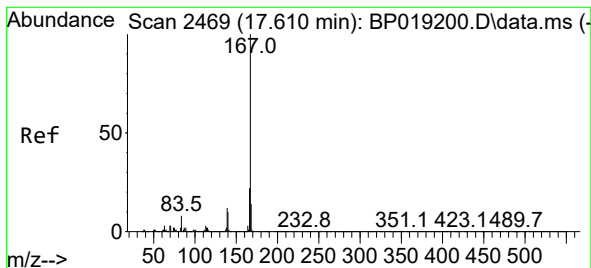
Tgt Ion:216 Resp: 557337
Ion Ratio Lower Upper
216 100
214 78.2 61.6 92.4
218 47.1 38.9 58.3



#76
Pentachlorobenzene
Concen: 33.233 ng/uL
RT: 14.763 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BP019215.D
Acq: 02 Jan 2024 19:11

Tgt Ion:250 Resp: 550258
Ion Ratio Lower Upper
250 100
248 61.4 50.4 75.6
252 63.6 52.1 78.1





#77

Carbazole

Concen: 38.849 ng/ul

RT: 17.616 min Scan# 2469

Delta R.T. -0.000 min

Lab File: BP019215.D

Acq: 02 Jan 2024 19:11

Instrument :

BNA_P

ClientSampleId :

SLCS101

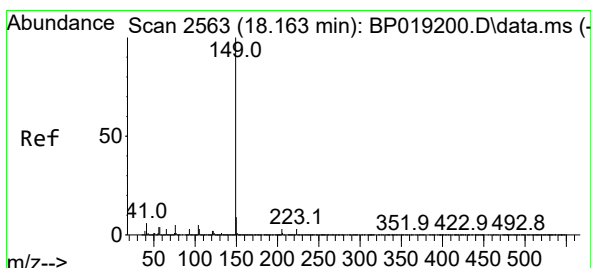
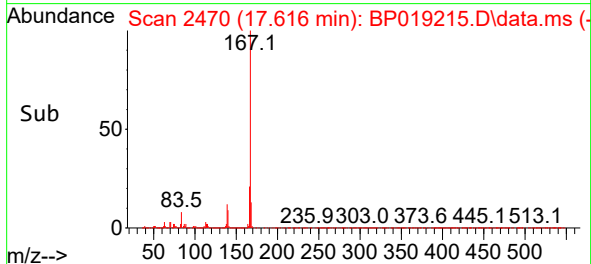
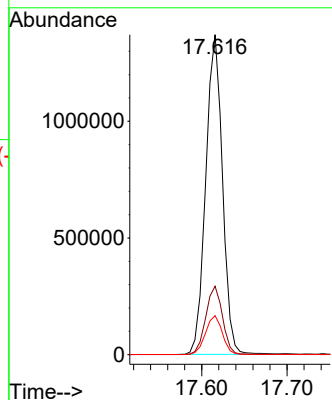
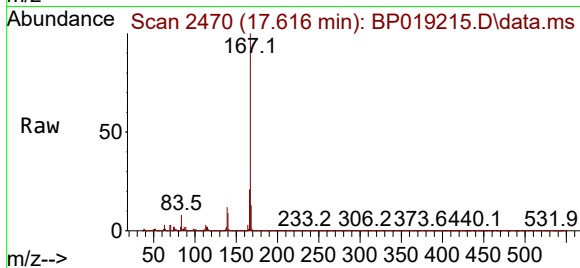
Tgt Ion:167 Resp: 1868336

Ion Ratio Lower Upper

167 100

166 21.4 17.4 26.0

139 12.2 9.8 14.6



#78

Di-n-butylphthalate

Concen: 38.037 ng/ul

RT: 18.168 min Scan# 2564

Delta R.T. -0.000 min

Lab File: BP019215.D

Acq: 02 Jan 2024 19:11

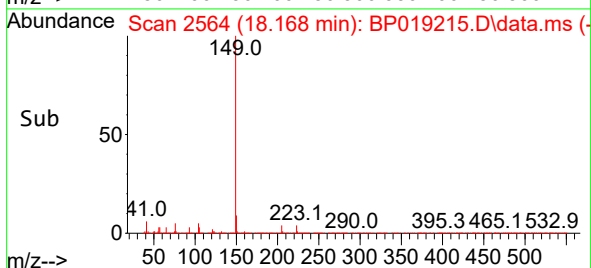
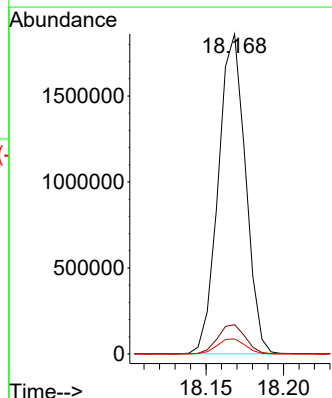
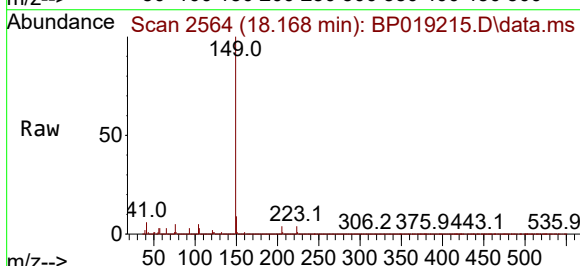
Tgt Ion:149 Resp: 2268737

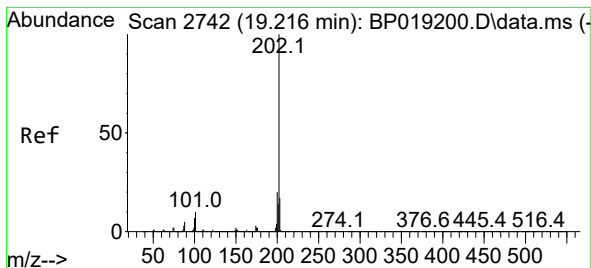
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 4.7 3.9 5.9





#80

Fluoranthene

Concen: 37.147 ng/ul

RT: 19.221 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP019215.D

Acq: 02 Jan 2024 19:11

Instrument :

BNA_P

ClientSampleId :

SLCS101

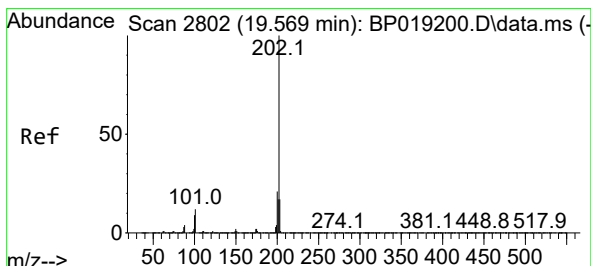
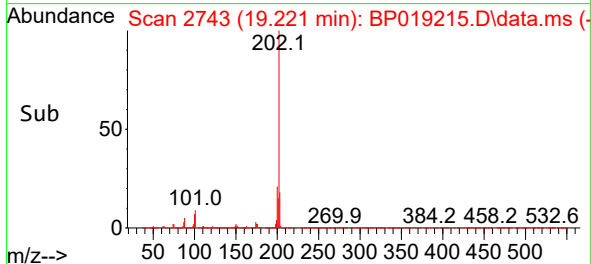
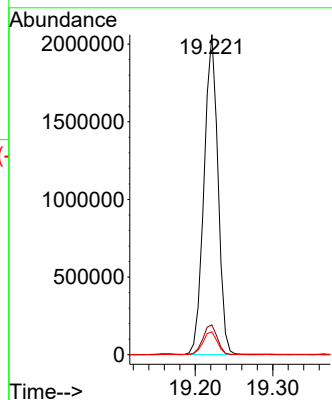
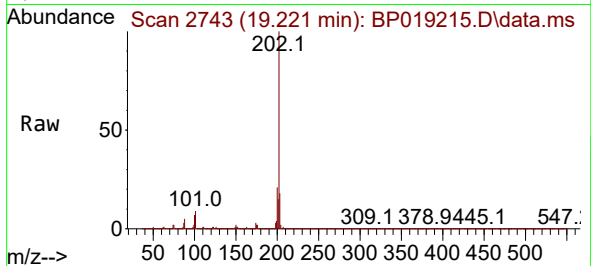
Tgt Ion:202 Resp: 2561879

Ion Ratio Lower Upper

202 100

101 9.3 7.8 11.6

100 7.2 6.0 9.0



#82

Pyrene

Concen: 36.095 ng/ul

RT: 19.574 min Scan# 2803

Delta R.T. -0.000 min

Lab File: BP019215.D

Acq: 02 Jan 2024 19:11

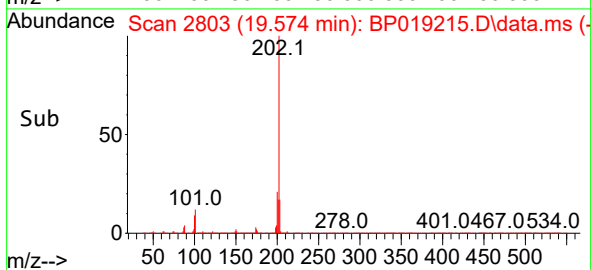
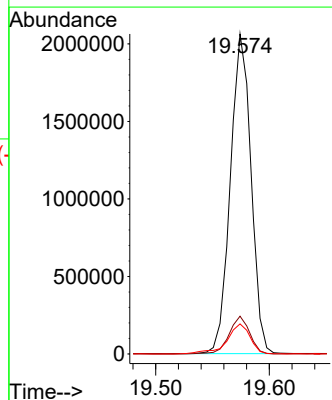
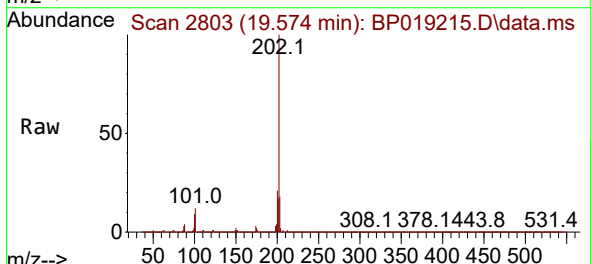
Tgt Ion:202 Resp: 2608123

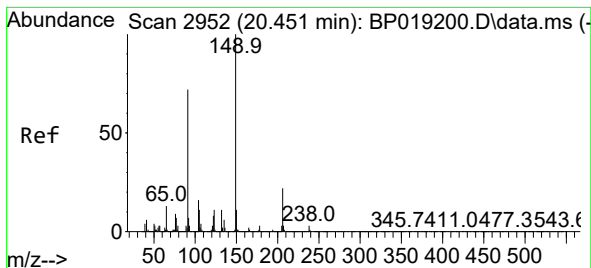
Ion Ratio Lower Upper

202 100

101 11.8 9.2 13.8

100 9.4 7.8 11.6





#83

Butylbenzylphthalate

Concen: 41.589 ng/ul

RT: 20.457 min Scan# 2952

Delta R.T. -0.000 min

Lab File: BP019215.D

Acq: 02 Jan 2024 19:11

Instrument :

BNA_P

ClientSampleId :

SLCS101

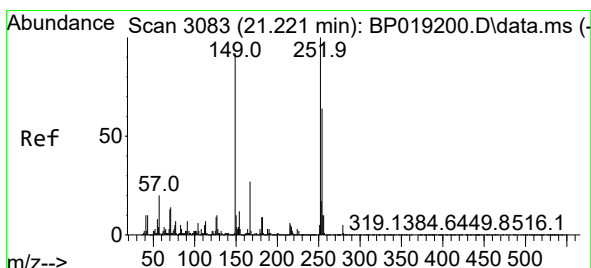
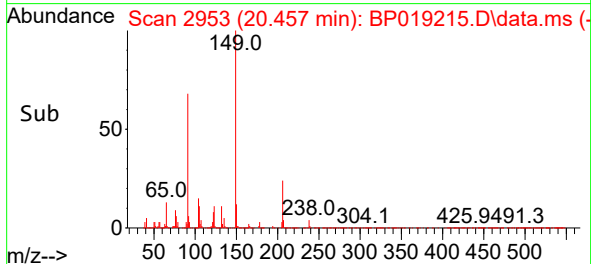
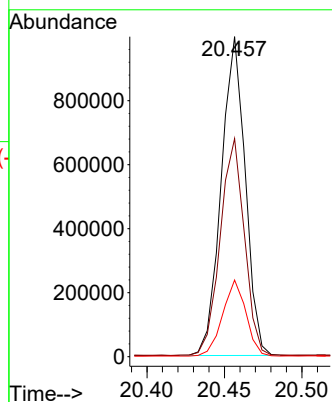
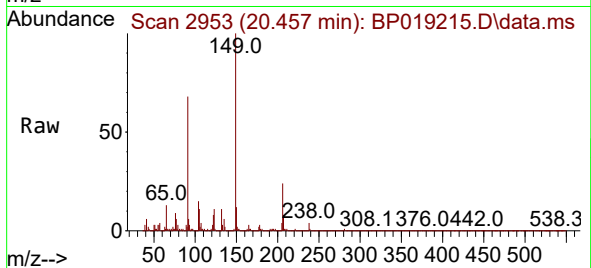
Tgt Ion:149 Resp: 1073435

Ion Ratio Lower Upper

149 100

91 68.2 55.6 83.4

206 24.0 17.9 26.9



#84

3,3'-Dichlorobenzidine

Concen: 33.233 ng/ul

RT: 21.227 min Scan# 3084

Delta R.T. -0.000 min

Lab File: BP019215.D

Acq: 02 Jan 2024 19:11

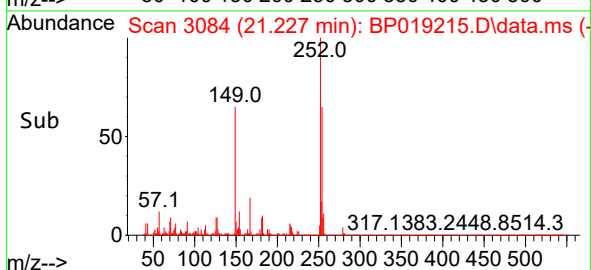
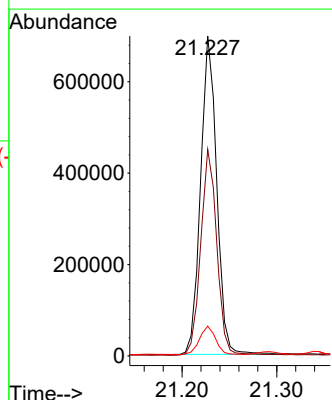
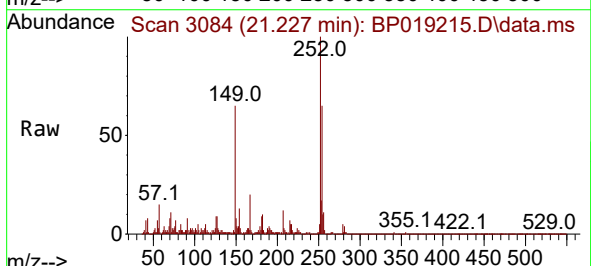
Tgt Ion:252 Resp: 819844

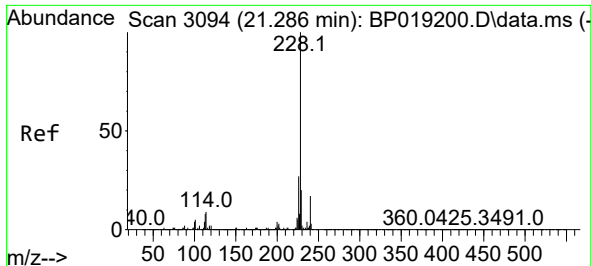
Ion Ratio Lower Upper

252 100

254 64.6 51.5 77.3

126 9.3 7.6 11.4

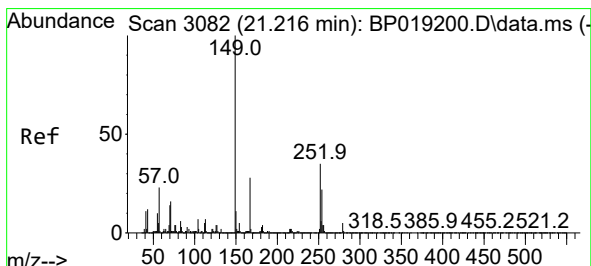
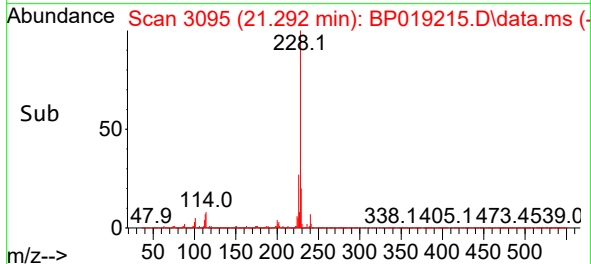
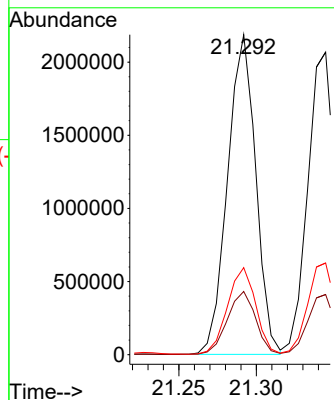
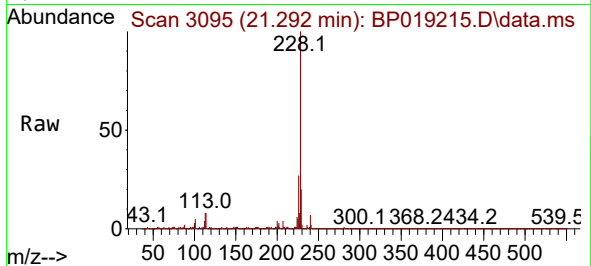




#85
Benzo(a)anthracene
Concen: 35.438 ng/ul
RT: 21.292 min Scan# 3095
Delta R.T. -0.000 min
Lab File: BP019215.D
Acq: 02 Jan 2024 19:11

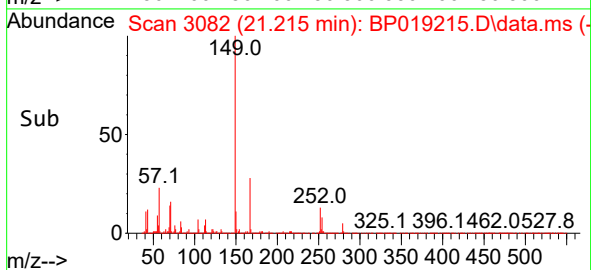
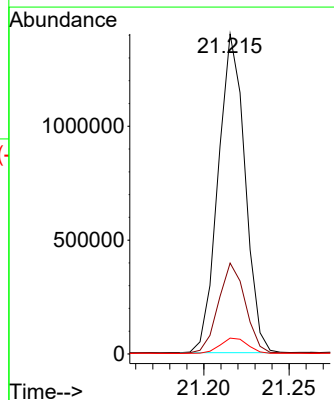
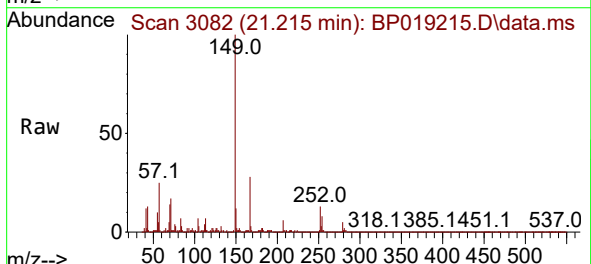
Instrument :
BNA_P
ClientSampleId :
SLCS101

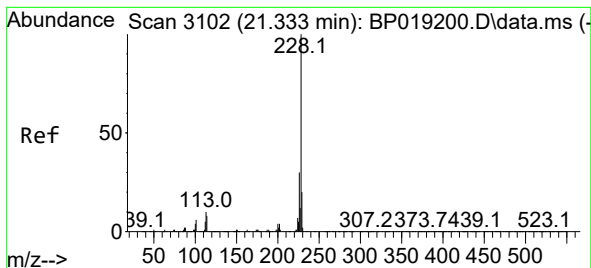
Tgt Ion:228 Resp: 2761242
Ion Ratio Lower Upper
228 100
229 19.8 15.5 23.3
226 27.2 21.9 32.9



#86
Bis(2-ethylhexyl)phthalate
Concen: 40.406 ng/ul
RT: 21.215 min Scan# 3082
Delta R.T. -0.006 min
Lab File: BP019215.D
Acq: 02 Jan 2024 19:11

Tgt Ion:149 Resp: 1535678
Ion Ratio Lower Upper
149 100
167 28.4 22.5 33.7
279 5.0 4.0 6.0





#87

Chrysene

Concen: 35.496 ng/ul

RT: 21.345 min Scan# 3104

Delta R.T. -0.000 min

Lab File: BP019215.D

Acq: 02 Jan 2024 19:11

Instrument :

BNA_P

ClientSampleId :

SLCS101

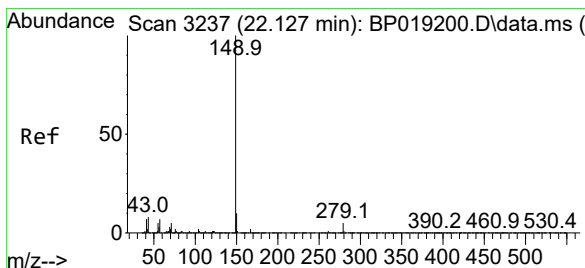
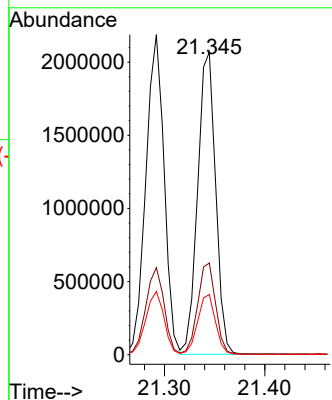
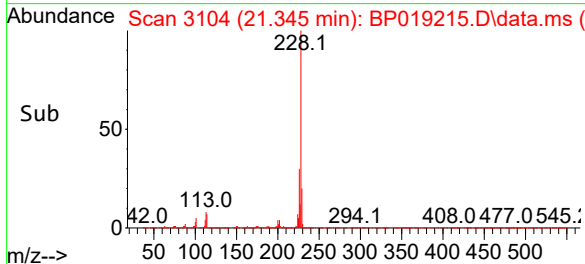
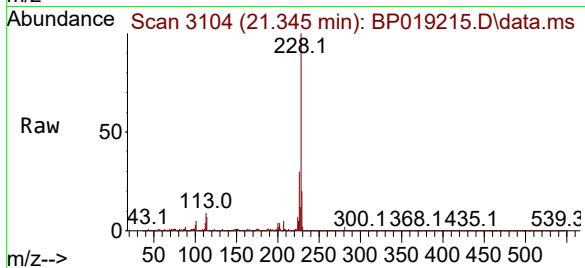
Tgt Ion:228 Resp: 2578951

Ion Ratio Lower Upper

228 100

226 30.3 23.4 35.2

229 19.9 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 40.169 ng/ul

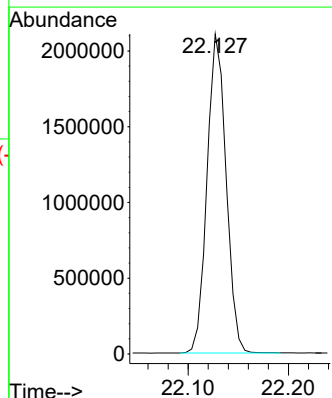
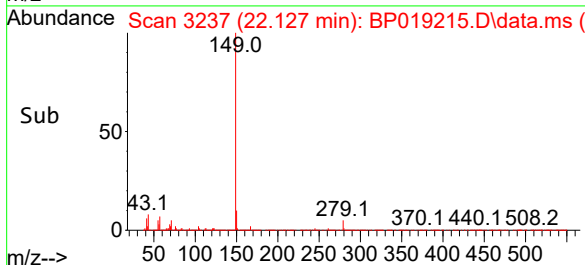
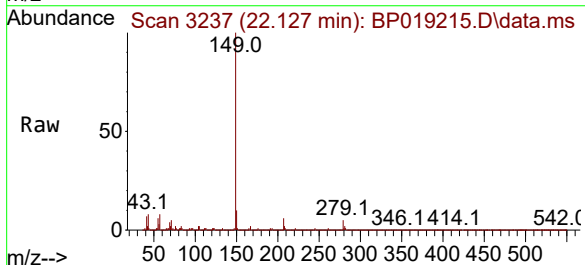
RT: 22.127 min Scan# 3237

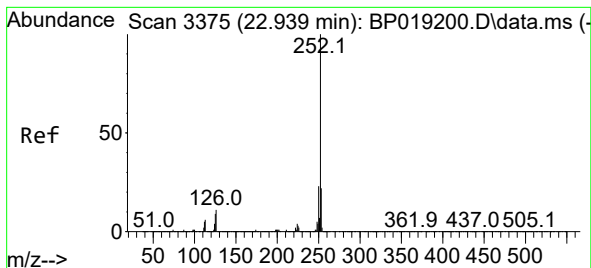
Delta R.T. -0.006 min

Lab File: BP019215.D

Acq: 02 Jan 2024 19:11

Tgt Ion:149 Resp: 2772284





#90

Benzo(b)fluoranthene

Concen: 34.473 ng/ul

RT: 22.951 min Scan# 3377

Delta R.T. -0.000 min

Lab File: BP019215.D

Acq: 02 Jan 2024 19:11

Instrument :

BNA_P

ClientSampleId :

SLCS101

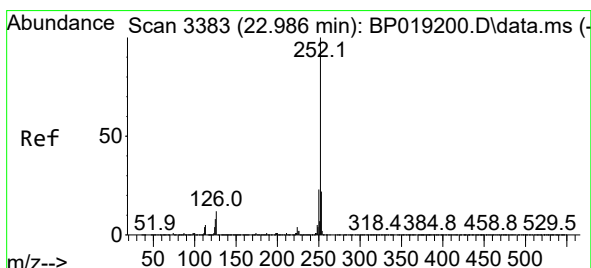
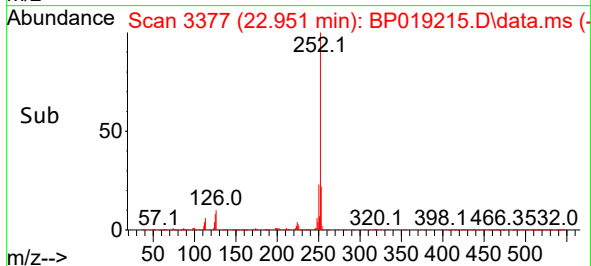
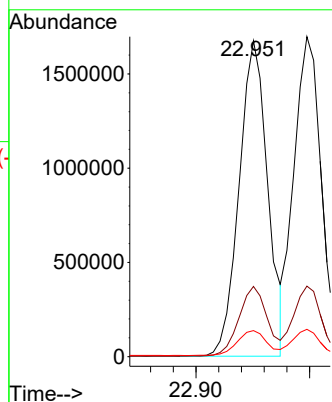
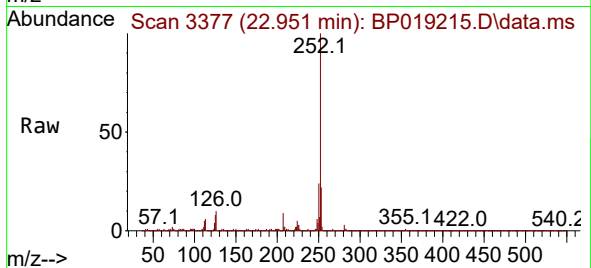
Tgt Ion:252 Resp: 2922392

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 8.3 6.8 10.2



#91

Benzo(k)fluoranthene

Concen: 33.899 ng/ul

RT: 22.998 min Scan# 3385

Delta R.T. -0.000 min

Lab File: BP019215.D

Acq: 02 Jan 2024 19:11

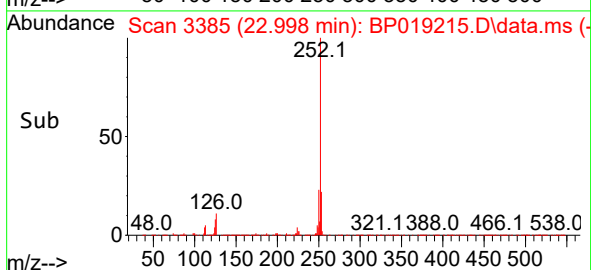
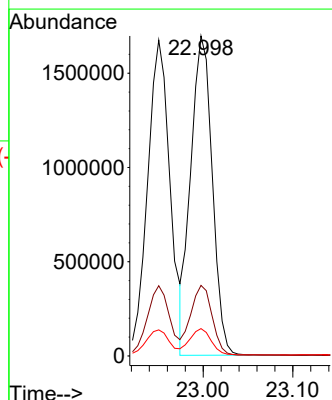
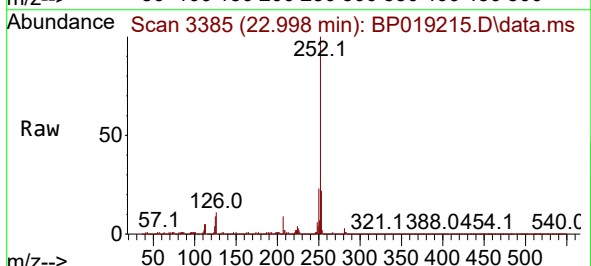
Tgt Ion:252 Resp: 2823767

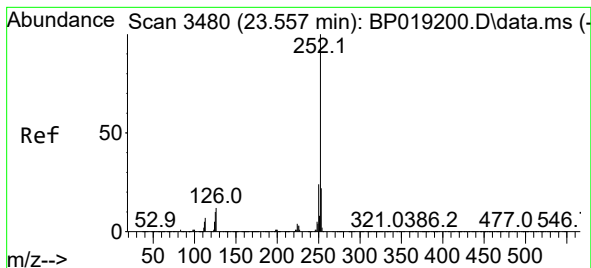
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 8.6 6.7 10.1





#93

Benzo(a)pyrene

Concen: 34.764 ng/ul

RT: 23.568 min Scan# 34

Delta R.T. -0.000 min

Lab File: BP019215.D

Acq: 02 Jan 2024 19:11

Instrument :

BNA_P

ClientSampleId :

SLCS101

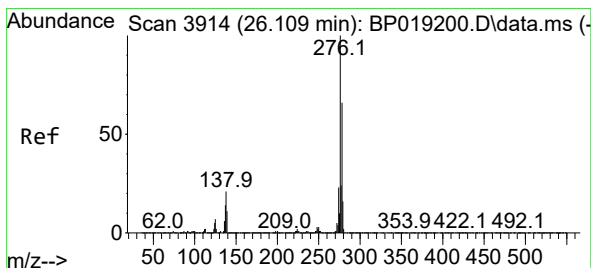
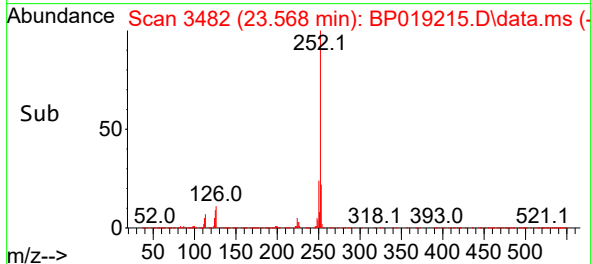
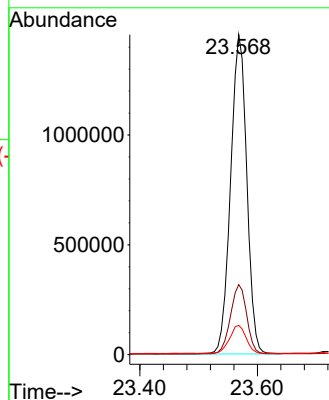
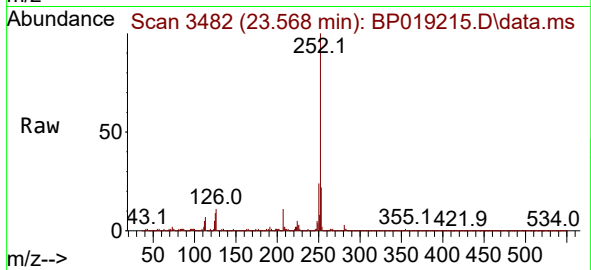
Tgt Ion:252 Resp: 2773792

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.2 7.4 11.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 34.361 ng/ul

RT: 26.133 min Scan# 3918

Delta R.T. 0.011 min

Lab File: BP019215.D

Acq: 02 Jan 2024 19:11

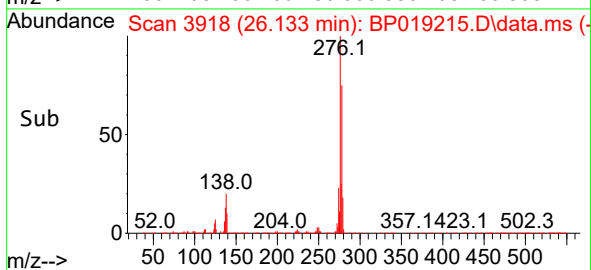
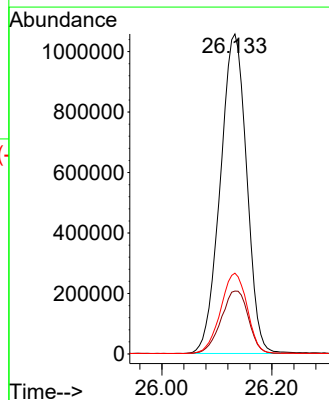
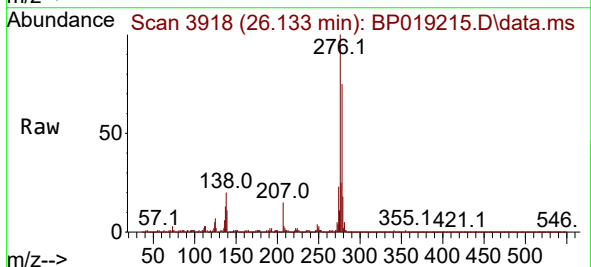
Tgt Ion:276 Resp: 3514536

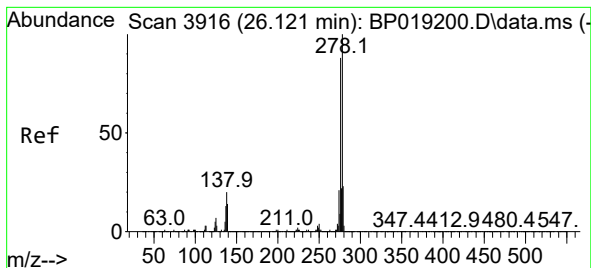
Ion Ratio Lower Upper

276 100

138 19.6 16.6 25.0

277 25.2 19.5 29.3





#95

Dibenzo(a,h)anthracene

Concen: 34.464 ng/ul

RT: 26.144 min Scan# 3916

Delta R.T. 0.005 min

Lab File: BP019215.D

Acq: 02 Jan 2024 19:11

Instrument :

BNA_P

ClientSampleId :

SLCS101

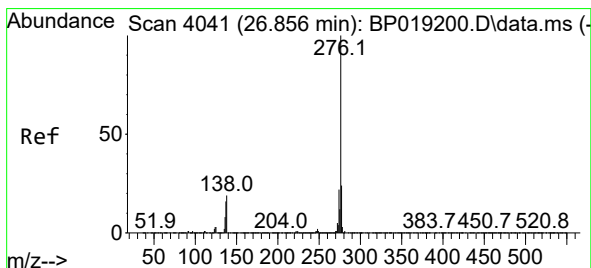
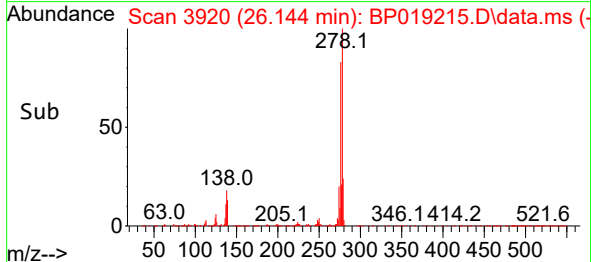
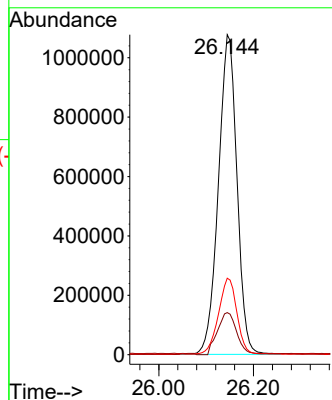
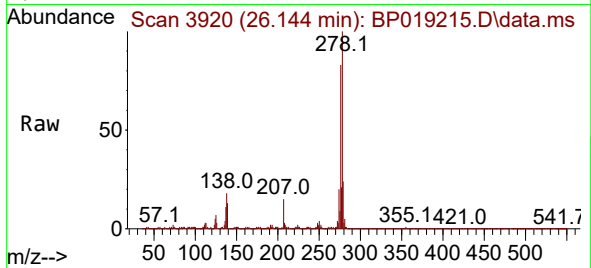
Tgt Ion:278 Resp: 2932476

Ion Ratio Lower Upper

278 100

139 13.1 11.0 16.4

279 23.9 19.2 28.8



#96

Benzo(g,h,i)perylene

Concen: 34.472 ng/ul

RT: 26.886 min Scan# 4046

Delta R.T. 0.011 min

Lab File: BP019215.D

Acq: 02 Jan 2024 19:11

Tgt Ion:276 Resp: 2825529

Ion Ratio Lower Upper

276 100

138 18.0 15.2 22.8

277 23.6 19.4 29.0

