

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122823\
 Data File : BP019159.D
 Acq On : 29 Dec 2023 11:15
 Operator : MA/JU
 Sample : PB158080BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS080

Quant Time: Dec 29 11:48:05 2023
 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	7.805	152	169883	20.000	ng/u1	0.00
20) Naphthalene-d8	10.599	136	620607	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	368623	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.204	188	832912	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	917508	20.000	ng/u1	0.00
88) Perylene-d12	23.674	264	1103547	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	33289	6.692	ng/uL	0.00
4) Pyridine-d5	3.652	84	413273	33.102	ng/u1	0.00
7) Phenol-d5	6.981	99	473206	31.061	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	288006	32.678	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	386501	31.469	ng/u1	0.00
15) 4-Methylphenol-d8	8.522	113	358384	30.216	ng/u1	0.00
21) Nitrobenzene-d5	8.969	128	175708	32.752	ng/u1	0.00
24) 2-Nitrophenol-d4	9.687	143	192447	33.192	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	380998	32.542	ng/u1	0.00
31) 4-Chloroaniline-d4	10.746	131	454199	31.540	ng/u1	0.00
46) Dimethylphthalate-d6	13.863	166	1019260	31.304	ng/u1	0.00
49) Acenaphthylene-d8	14.140	160	1166908	33.030	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	181554	33.021	ng/u1	0.00
60) Fluorene-d10	15.445	176	891326	31.687	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	179518	32.877	ng/u1	0.00
73) Anthracene-d10	17.304	188	1389738	31.950	ng/u1	0.00
81) Pyrene-d10	19.545	212	1810604	32.380	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.521	264	2118507	33.398	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.269	88	66301	12.123	ng/uL	99
5) Pyridine	3.669	79	426648	33.666	ng/u1	97
6) Benzaldehyde	6.946	77	257134	36.351	ng/u1	96
8) Phenol	7.005	94	485949	32.294	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.234	93	404247	33.202	ng/u1	97
12) 2-Chlorophenol	7.363	128	400209	31.837	ng/u1	98
13) 2-Methylphenol	8.257	108	352492	31.666	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.334	45	478919	33.345	ng/u1	99
16) Acetophenone	8.634	105	568514	32.004	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.622	70	267816	30.234	ng/u1	97
18) 4-Methylphenol	8.587	108	377260	31.486	ng/u1	98
19) Hexachloroethane	8.875	117	173892	32.980	ng/u1	97
22) Nitrobenzene	9.010	77	427641	32.628	ng/u1	98
23) Isophorone	9.540	82	755477	31.965	ng/u1	98
25) 2-Nitrophenol	9.716	139	209303	33.810	ng/u1	98
26) 2,4-Dimethylphenol	9.787	107	339552	31.156	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.022	93	503423	32.227	ng/u1	98
29) 2,4-Dichlorophenol	10.251	162	372766	32.581	ng/u1	100
30) Naphthalene	10.651	128	1189634	31.793	ng/u1	99
32) 4-Chloroaniline	10.769	127	417177	30.190	ng/u1	98
33) Hexachlorobutadiene	10.928	225	295862	33.602	ng/u1	98
34) Caprolactam	11.557	113	99054	32.777	ng/u1	99
35) 4-Chloro-3-methylphenol	11.898	107	353755	31.498	ng/u1	98
36) 2-Methylnaphthalene	12.263	142	794319	31.486	ng/u1	99

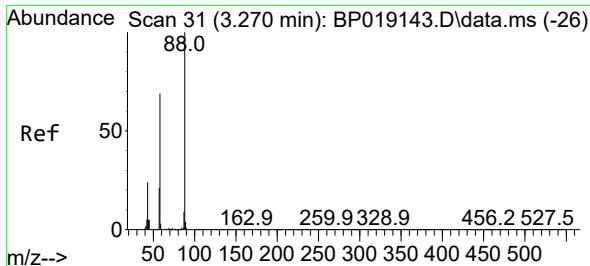
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.481	142	778564	30.604	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.634	216	500549	32.970	ng/ul	99
40) Hexachlorocyclopentadiene	12.610	237	273891	32.502	ng/ul	98
41) 2,4,6-Trichlorophenol	12.881	196	301669	33.296	ng/ul	100
42) 2,4,5-Trichlorophenol	12.951	196	321743	33.453	ng/ul	99
43) 1,1'-Biphenyl	13.281	154	1035915	32.215	ng/ul	99
44) 2-Chloronaphthalene	13.322	162	831673	32.233	ng/ul	98
45) 2-Nitroaniline	13.534	65	210764	34.026	ng/ul	95
47) Dimethylphthalate	13.916	163	1032269	32.118	ng/ul	100
48) 2,6-Dinitrotoluene	14.034	165	204643	34.650	ng/ul	96
50) Acenaphthylene	14.169	152	1311750	33.001	ng/ul	100
51) 3-Nitroaniline	14.363	138	192338	33.312	ng/ul	99
52) Acenaphthene	14.510	153	861830	31.991	ng/ul	99
53) 2,4-Dinitrophenol	14.575	184	114890	30.195	ng/ul	95
55) 4-Nitrophenol	14.681	109	144813	32.957	ng/ul	92
56) Dibenzofuran	14.845	168	1221058	31.739	ng/ul	98
57) 2,4-Dinitrotoluene	14.822	165	302203	34.793	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.075	232	283271	33.711	ng/ul	99
59) Diethylphthalate	15.281	149	1020247	32.740	ng/ul	100
61) Fluorene	15.498	166	991840	32.210	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.498	204	543707	32.332	ng/ul	98
63) 4-Nitroaniline	15.528	138	203404	35.015	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.586	198	196136	33.926	ng/ul	99
67) N-Nitrosodiphenylamine	15.716	169	843413	33.179	ng/ul	99
68) 4-Bromophenyl-phenylether	16.392	248	349170	33.728	ng/ul	98
69) Hexachlorobenzene	16.504	284	418943	33.114	ng/ul	97
70) Atrazine	16.675	200	319485	44.534	ng/ul	99
71) Pentachlorophenol	16.851	266	259243	34.901	ng/ul	98
72) Phenanthrene	17.245	178	1635316	32.398	ng/ul	99
74) Anthracene	17.339	178	1651534	32.866	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.240	216	481993	33.282	ng/uL	98
76) Pentachlorobenzene	14.763	250	469812	32.647	ng/uL	98
77) Carbazole	17.616	167	1486054	35.552	ng/ul	100
78) Di-n-butylphthalate	18.169	149	1803374	34.787	ng/ul	100
80) Fluoranthene	19.222	202	2119180	33.027	ng/ul	100
82) Pyrene	19.575	202	2199080	32.712	ng/ul	100
83) Butylbenzylphthalate	20.457	149	859355	35.786	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.233	252	795939	34.678	ng/ul	99
85) Benzo(a)anthracene	21.292	228	2429194	33.510	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.221	149	1288103	36.428	ng/ul	100
87) Chrysene	21.345	228	2279341	33.719	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	2295646	36.377	ng/ul	100
90) Benzo(b)fluoranthene	22.951	252	2571688	33.177	ng/ul	99
91) Benzo(k)fluoranthene	23.004	252	2582968	33.912	ng/ul	100
93) Benzo(a)pyrene	23.568	252	2462678	33.755	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.133	276	3179253	33.994	ng/ul	98
95) Dibenzo(a,h)anthracene	26.151	278	2653157	34.101	ng/ul	99
96) Benzo(g,h,i)perylene	26.886	276	2560586	34.165	ng/ul	98

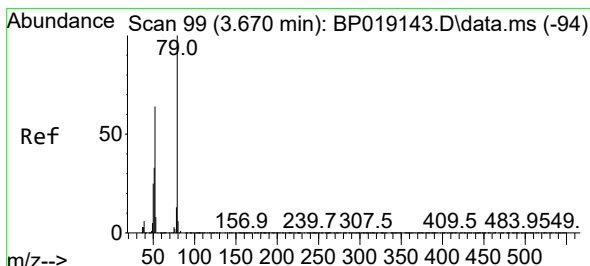
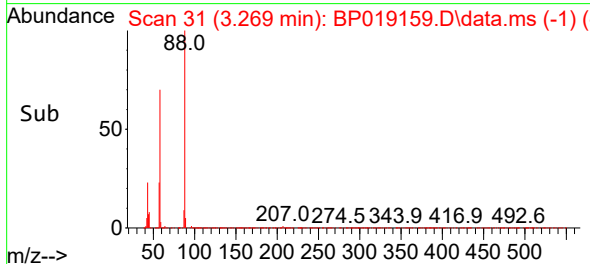
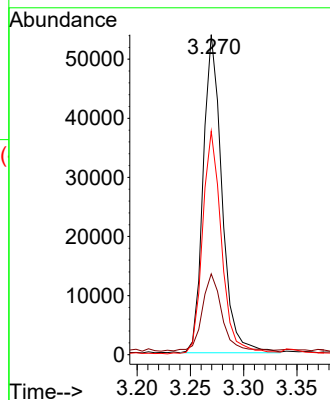
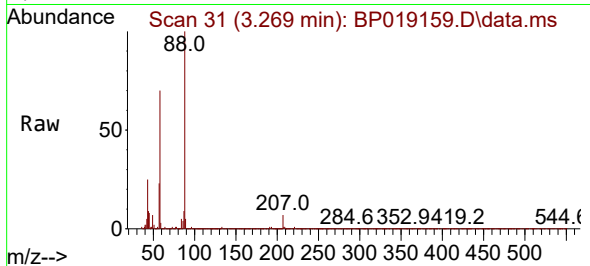
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#2
1,4-Dioxane
Concen: 12.123 ng/uL
RT: 3.269 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP019159.D
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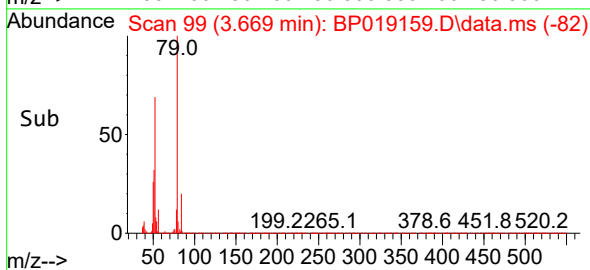
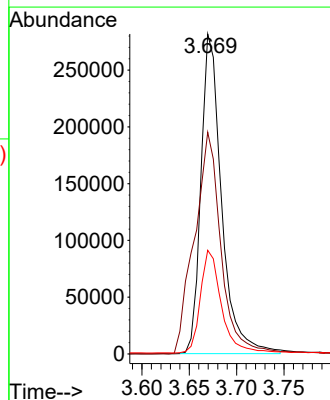
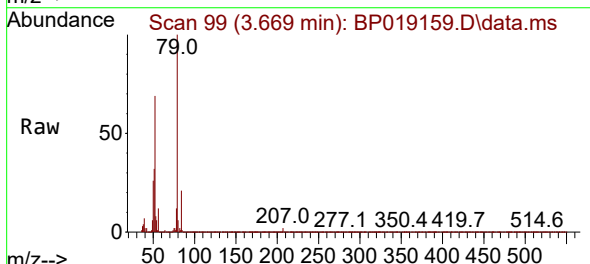
Instrument :
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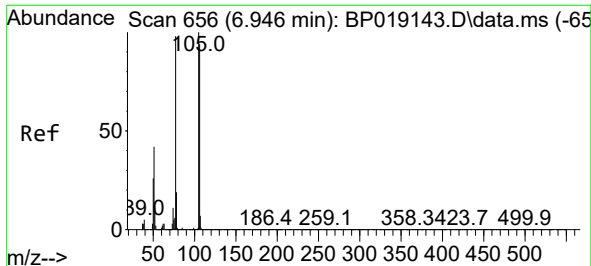
Tgt Ion:	88	Resp:	66301
Ion	Ratio	Lower	Upper
88	100		
43	25.2	21.0	31.4
58	69.8	56.6	84.8



#5
Pyridine
Concen: 33.666 ng/uL
RT: 3.669 min Scan# 99
Delta R.T. -0.000 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

Tgt Ion:	79	Resp:	426648
Ion	Ratio	Lower	Upper
79	100		
52	69.3	52.4	78.6
51	32.4	25.9	38.9

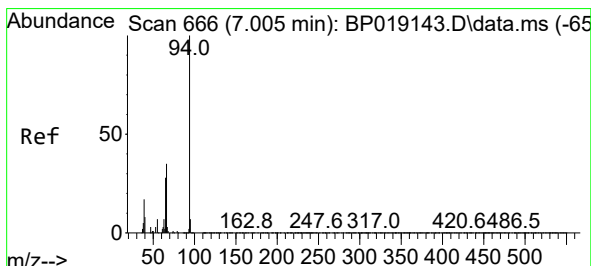
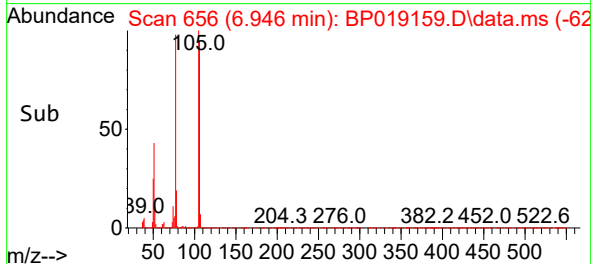
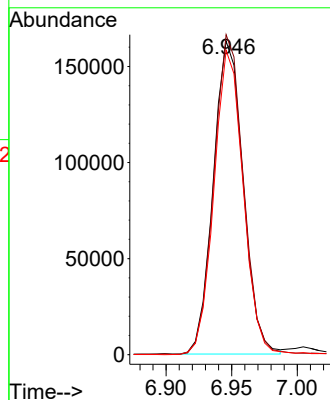
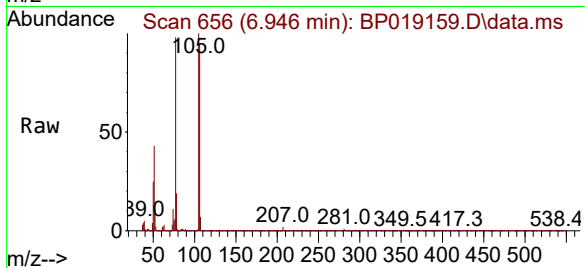




#6
Benzaldehyde
Concen: 36.351 ng/ul
RT: 6.946 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

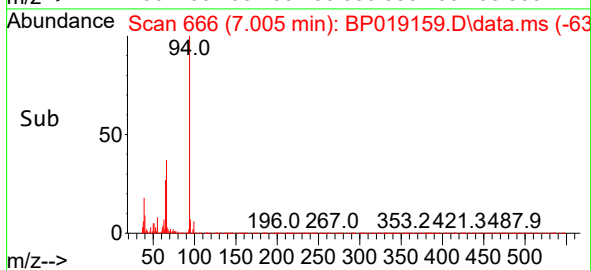
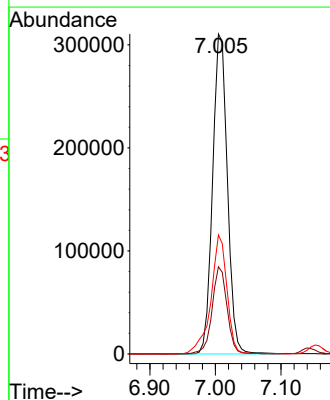
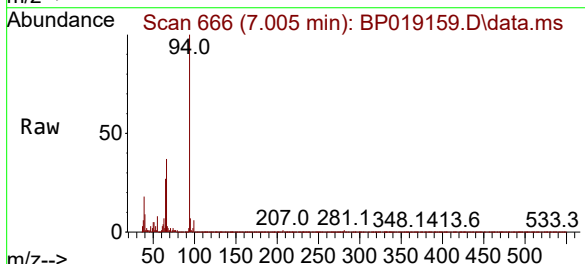
Instrument :
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ClientSampleId :
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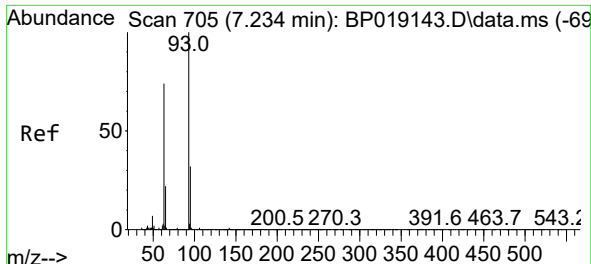
Tgt Ion: 77 Resp: 257134
Ion Ratio Lower Upper
77 100
105 102.0 78.6 117.8
106 97.1 74.8 112.2



#8
Phenol
Concen: 32.294 ng/ul
RT: 7.005 min Scan# 666
Delta R.T. -0.000 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

Tgt Ion: 94 Resp: 485949
Ion Ratio Lower Upper
94 100
65 27.2 21.1 31.7
66 37.2 29.3 43.9

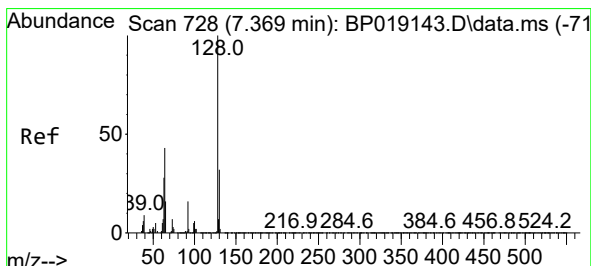
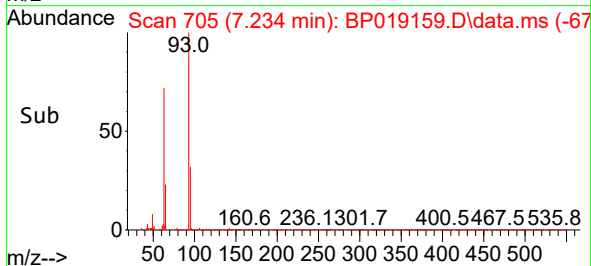
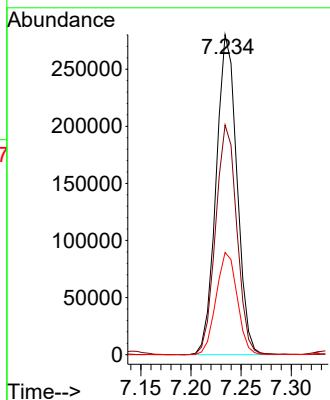
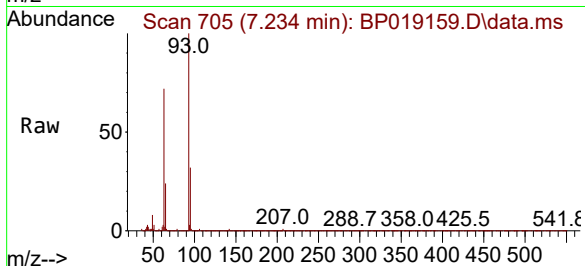




#10
Bis(2-Chloroethyl)ether
Concen: 33.202 ng/ul
RT: 7.234 min Scan# 705
Delta R.T. -0.000 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

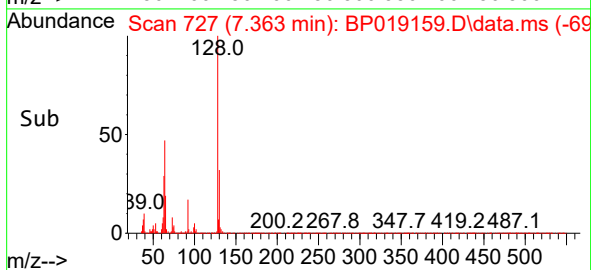
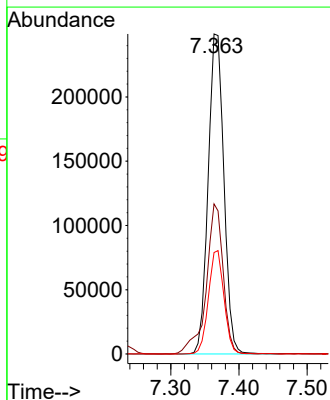
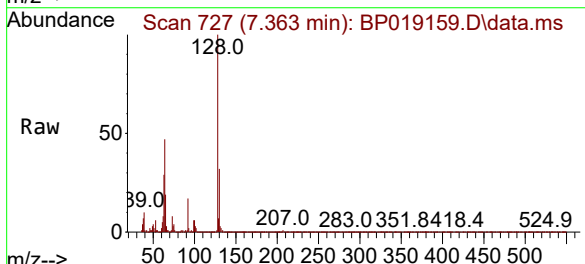
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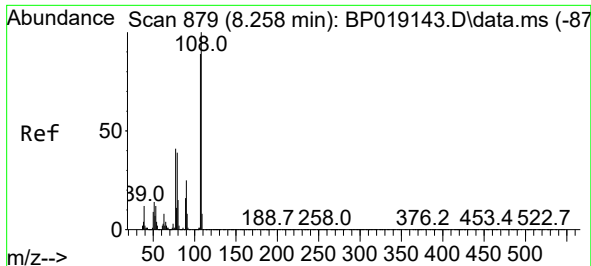
Tgt Ion: 93 Resp: 404247
Ion Ratio Lower Upper
93 100
63 71.8 59.4 89.0
95 32.0 26.6 40.0



#12
2-Chlorophenol
Concen: 31.837 ng/ul
RT: 7.363 min Scan# 727
Delta R.T. -0.006 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

Tgt Ion:128 Resp: 400209
Ion Ratio Lower Upper
128 100
64 46.9 35.9 53.9
130 31.7 25.3 37.9





#13

2-Methylphenol

Concen: 31.666 ng/ul

RT: 8.257 min Scan# 81

Delta R.T. -0.000 min

Lab File: BP019159.D

Acq: 29 Dec 2023 11:15

Instrument :

BNA_P

ClientSampleId :

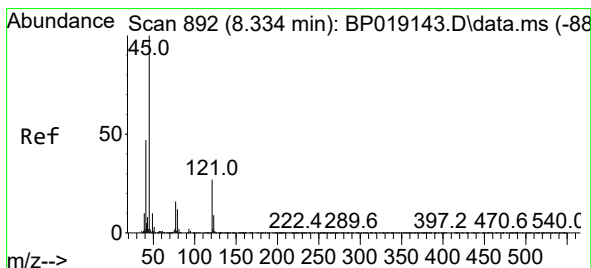
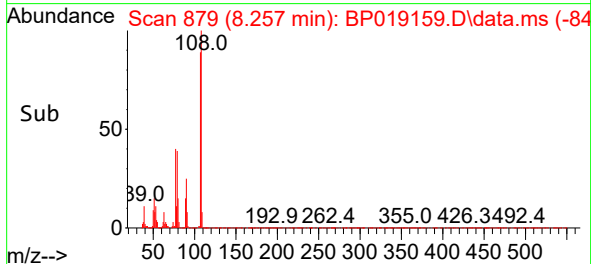
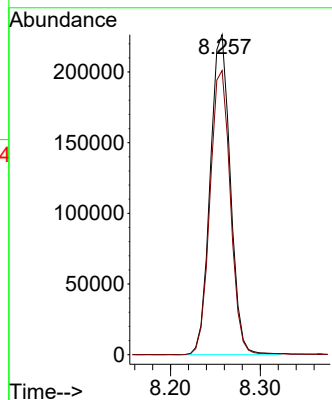
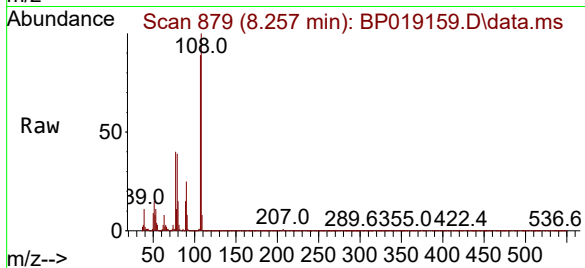
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Tgt Ion:108 Resp: 352492

Ion Ratio Lower Upper

108 100

107 88.8 72.6 109.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 33.345 ng/ul

RT: 8.334 min Scan# 892

Delta R.T. -0.000 min

Lab File: BP019159.D

Acq: 29 Dec 2023 11:15

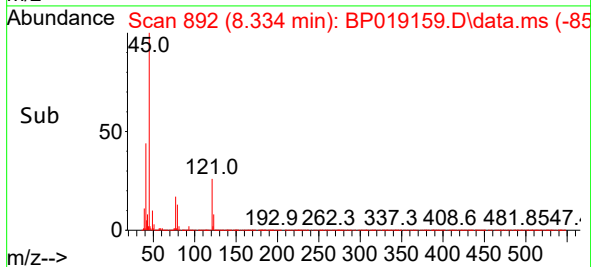
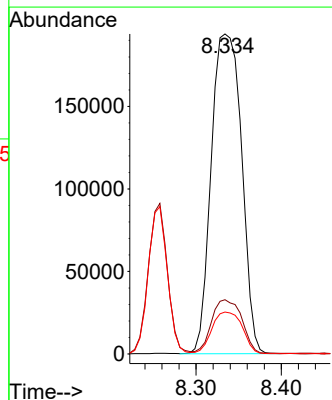
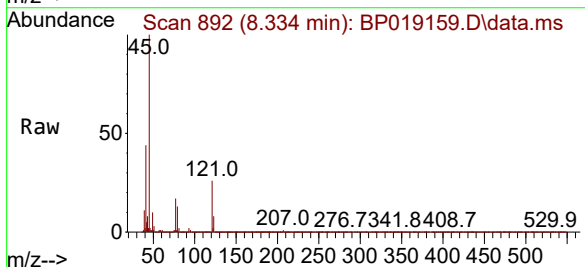
Tgt Ion: 45 Resp: 478919

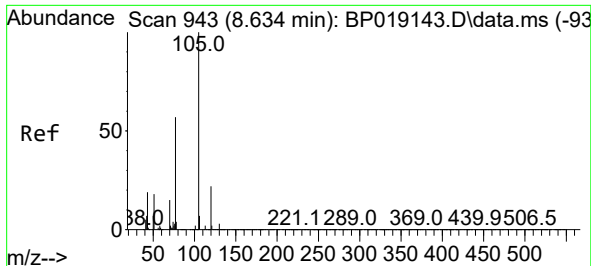
Ion Ratio Lower Upper

45 100

77 17.0 13.6 20.4

79 13.1 9.7 14.5

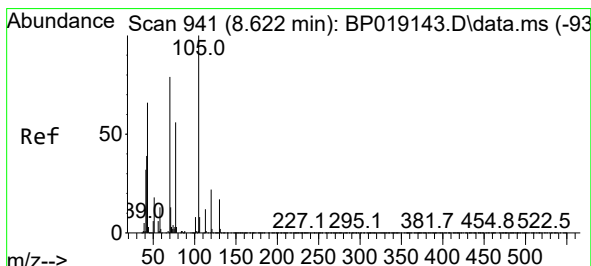
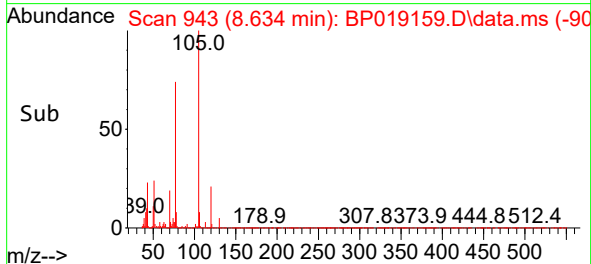
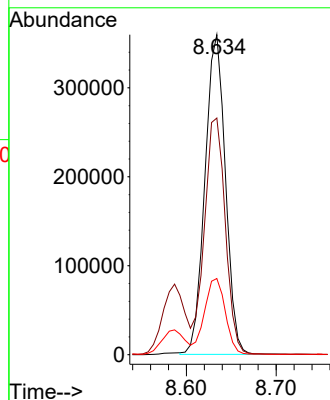
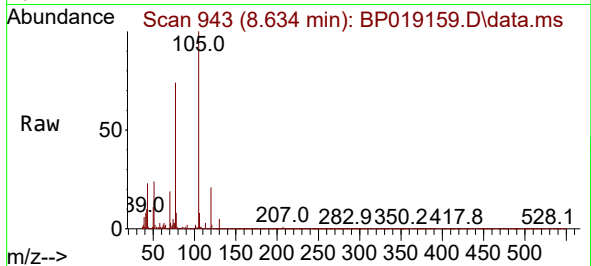




#16
Acetophenone
Concen: 32.004 ng/ul
RT: 8.634 min Scan# 943
Delta R.T. -0.000 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

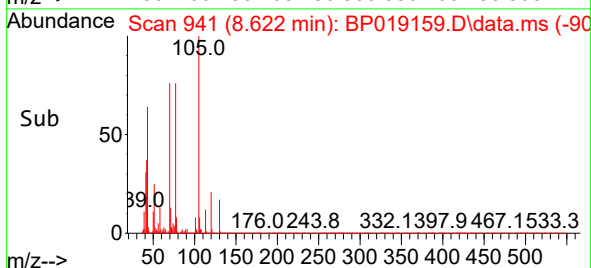
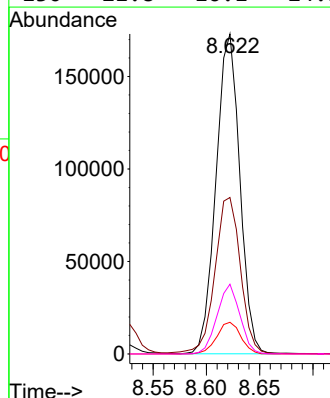
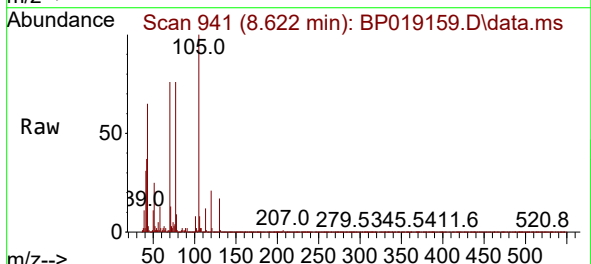
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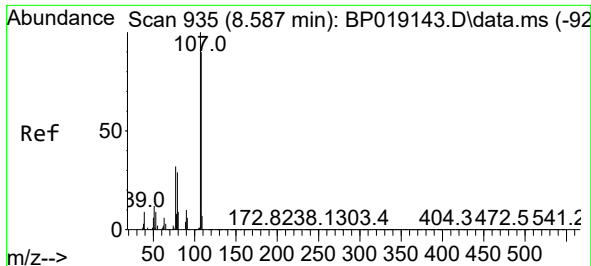
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Ion Ratio Lower Upper
105 100
77 74.0 59.8 89.6
51 23.8 19.3 28.9



#17
N-Nitroso-di-n-propylamine
Concen: 30.234 ng/ul
RT: 8.622 min Scan# 941
Delta R.T. -0.000 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

Tgt Ion: 70 Resp: 267816
Ion Ratio Lower Upper
70 100
42 48.9 40.6 61.0
101 9.9 7.3 10.9
130 21.8 16.1 24.1

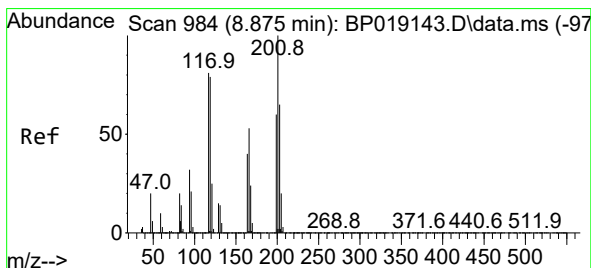
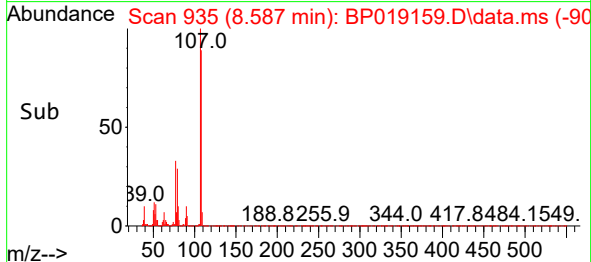
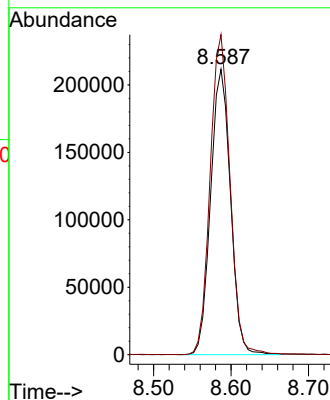
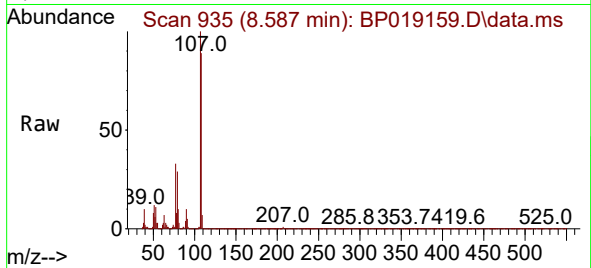




#18
4-Methylphenol
Concen: 31.486 ng/ul
RT: 8.587 min Scan# 911
Delta R.T. -0.000 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

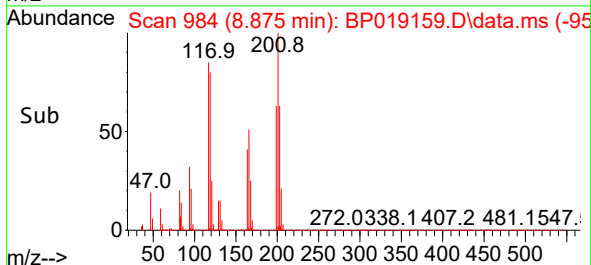
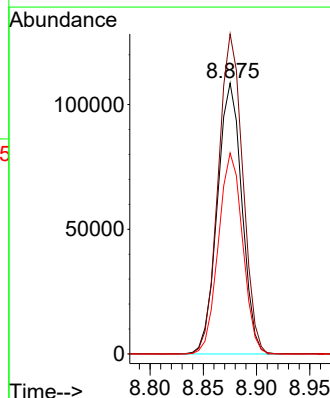
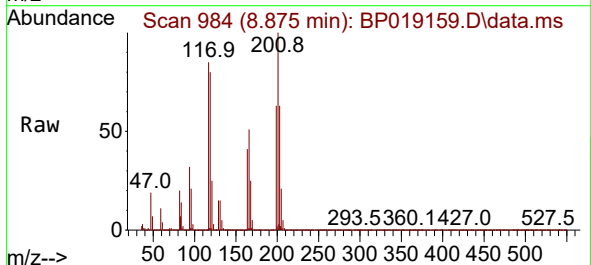
Instrument :
BNA_P
ClientSampleId :
SLCS080

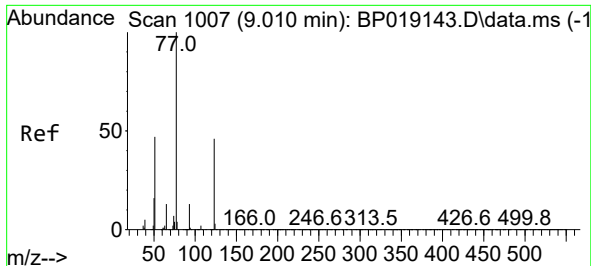
Tgt Ion:108 Resp: 377260
Ion Ratio Lower Upper
108 100
107 112.1 88.1 132.1



#19
Hexachloroethane
Concen: 32.980 ng/ul
RT: 8.875 min Scan# 984
Delta R.T. -0.000 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

Tgt Ion:117 Resp: 173892
Ion Ratio Lower Upper
117 100
201 118.2 92.5 138.7
199 74.2 56.9 85.3

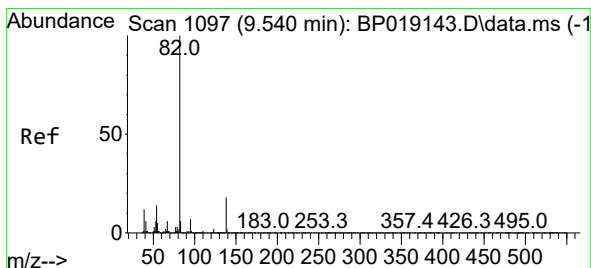
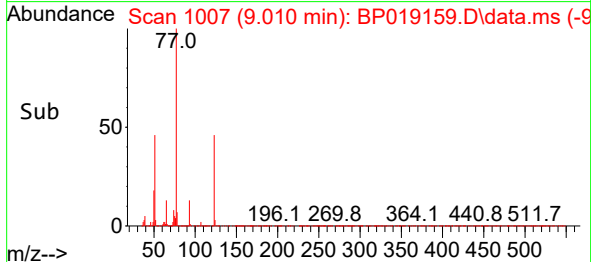
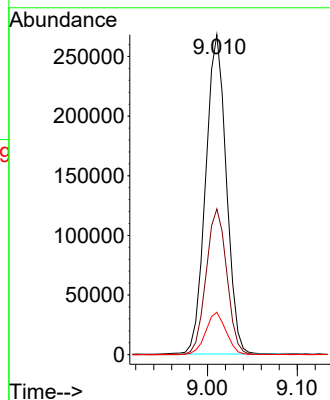
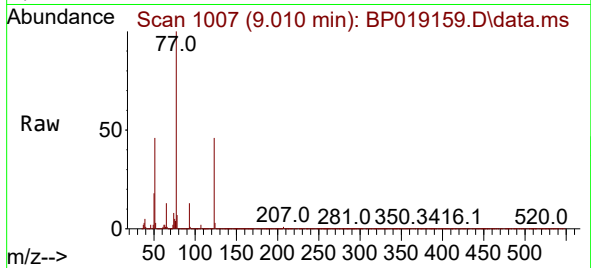




#22
Nitrobenzene
Concen: 32.628 ng/ul
RT: 9.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

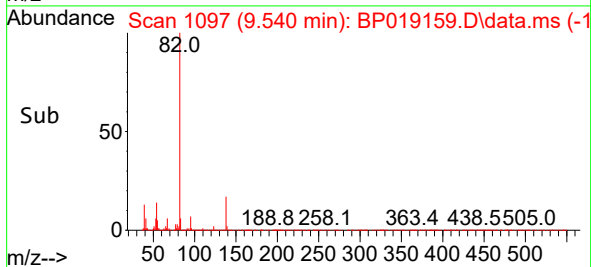
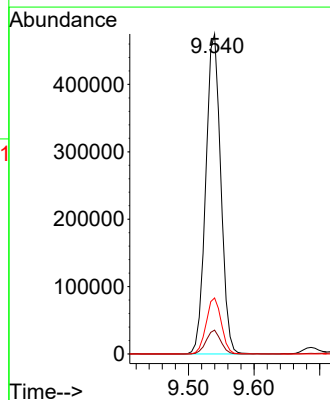
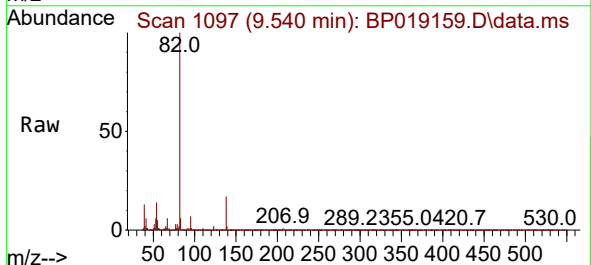
Instrument :
BNA_P
ClientSampleId :
SLCS080

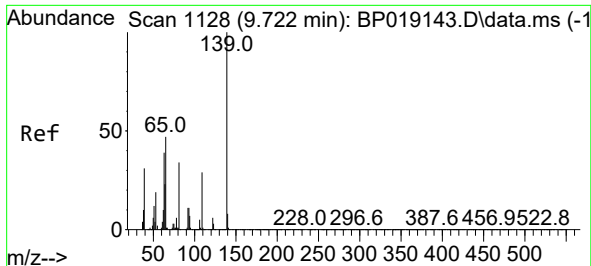
Tgt Ion: 77 Resp: 427641
Ion Ratio Lower Upper
77 100
123 45.6 35.5 53.3
65 13.3 10.3 15.5



#23
Isophorone
Concen: 31.965 ng/ul
RT: 9.540 min Scan# 1097
Delta R.T. -0.000 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

Tgt Ion: 82 Resp: 755477
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 17.5 14.7 22.1

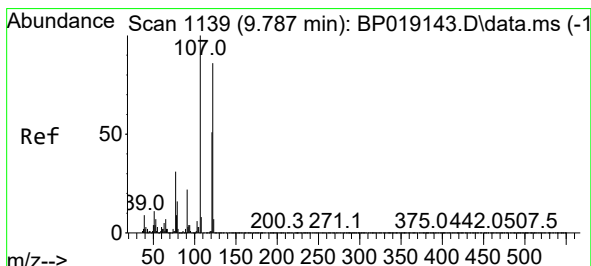
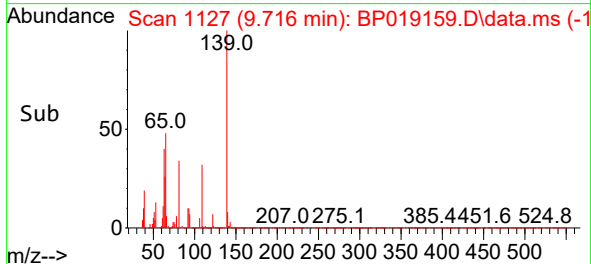
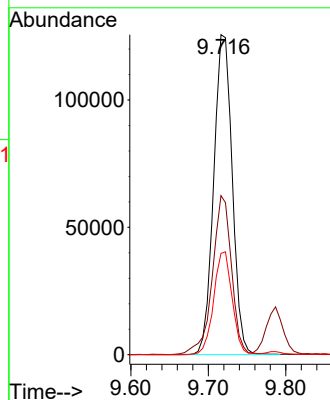
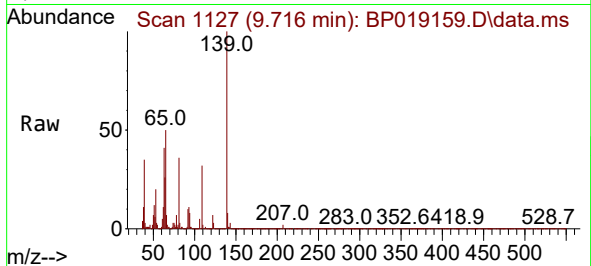




#25
2-Nitrophenol
Concen: 33.810 ng/ul
RT: 9.716 min Scan# 1127
Delta R.T. -0.006 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

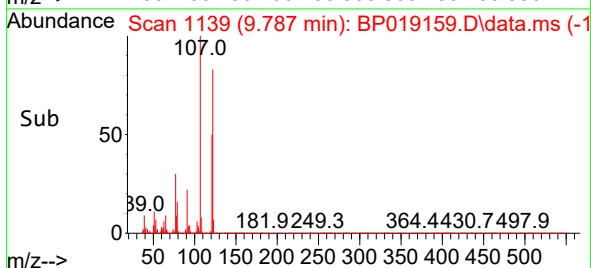
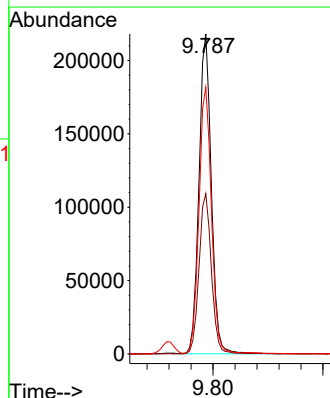
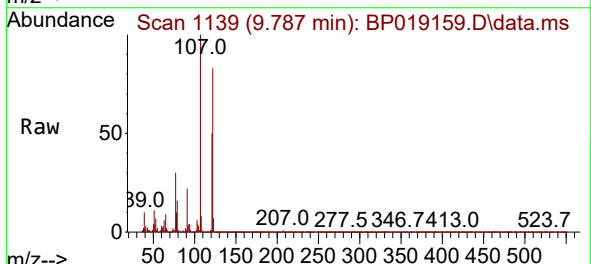
Instrument :
BNA_P
ClientSampleId :
SLCS080

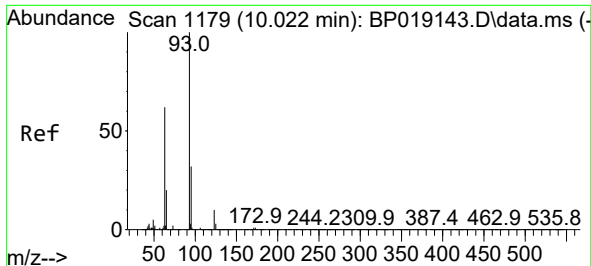
Tgt Ion:139 Resp: 209303
Ion Ratio Lower Upper
139 100
65 49.7 38.8 58.2
109 31.7 26.2 39.2



#26
2,4-Dimethylphenol
Concen: 31.156 ng/ul
RT: 9.787 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

Tgt Ion:107 Resp: 339552
Ion Ratio Lower Upper
107 100
121 50.1 39.8 59.6
122 83.4 66.4 99.6

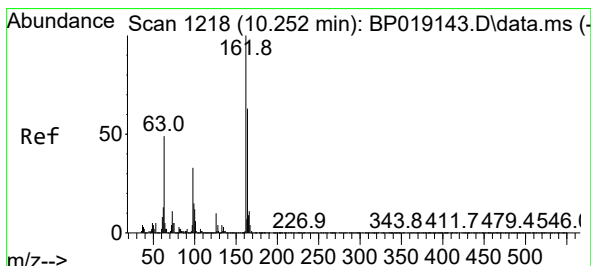
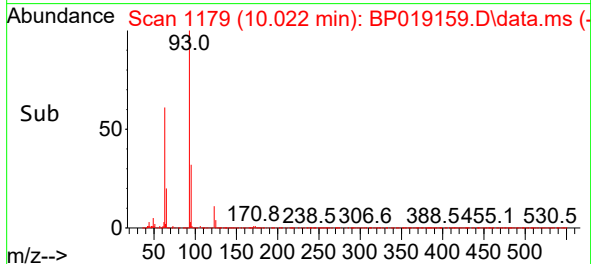
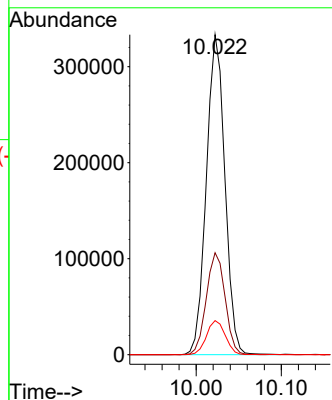
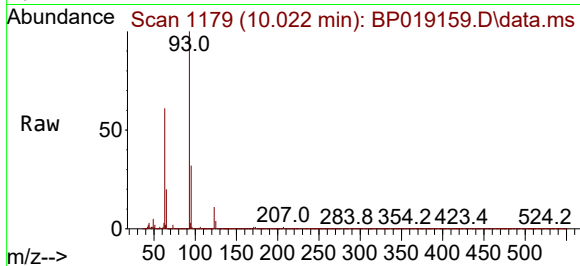




#27
Bis(2-Chloroethoxy)methane
Concen: 32.227 ng/ul
RT: 10.022 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

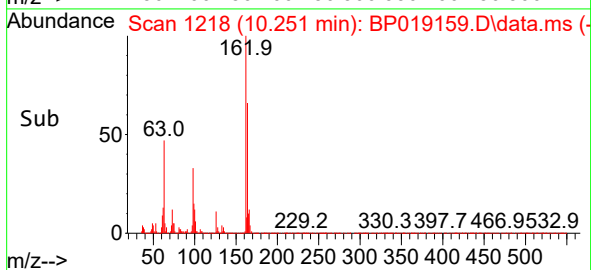
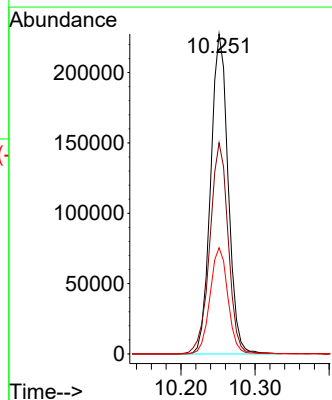
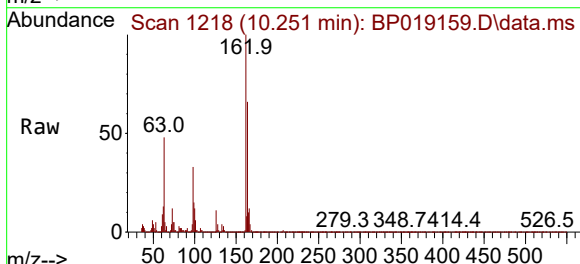
Instrument :
BNA_P
ClientSampleId :
SLCS080

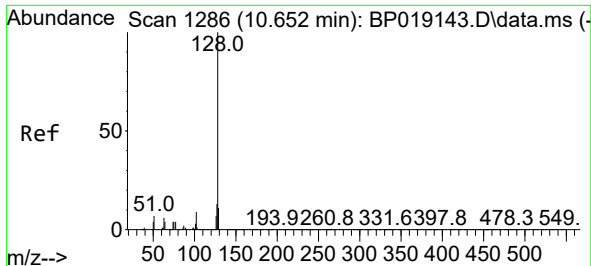
Tgt Ion: 93 Resp: 503423
Ion Ratio Lower Upper
93 100
95 31.8 26.7 40.1
123 10.7 8.5 12.7



#29
2,4-Dichlorophenol
Concen: 32.581 ng/ul
RT: 10.251 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

Tgt Ion:162 Resp: 372766
Ion Ratio Lower Upper
162 100
164 66.0 52.6 78.8
98 33.2 26.7 40.1

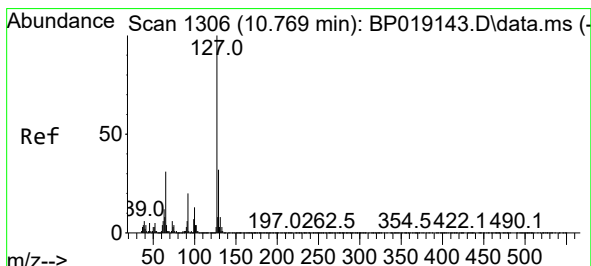
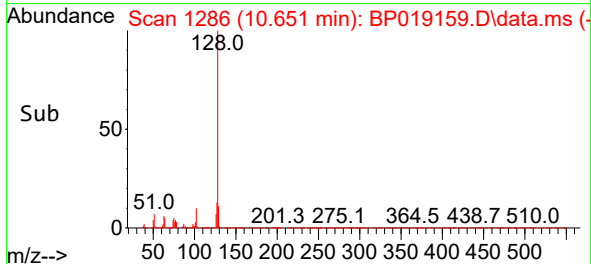
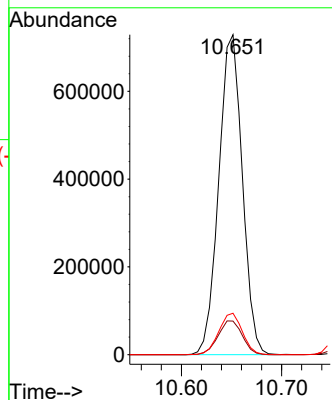
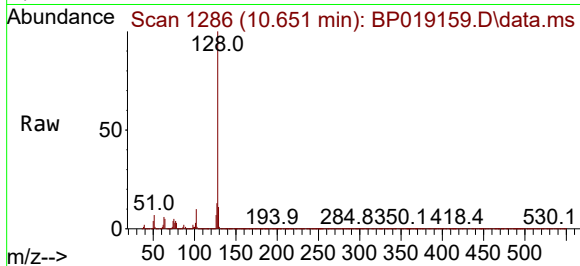




#30
Naphthalene
Concen: 31.793 ng/ul
RT: 10.651 min Scan# 1189634
Delta R.T. -0.000 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

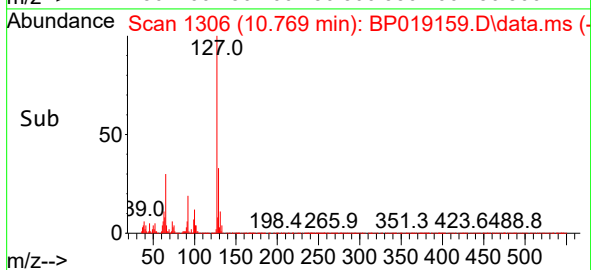
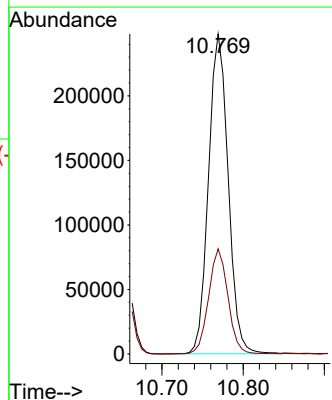
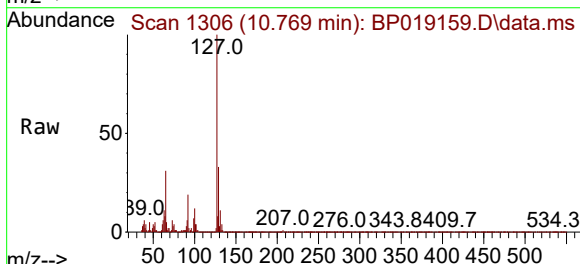
Instrument :
BNA_P
ClientSampleId :
SLCS080

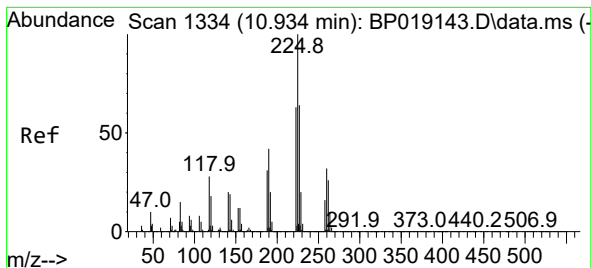
Tgt Ion:128 Resp: 1189634
Ion Ratio Lower Upper
128 100
129 10.5 8.6 13.0
127 13.0 10.6 15.8



#32
4-Chloroaniline
Concen: 30.190 ng/ul
RT: 10.769 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

Tgt Ion:127 Resp: 417177
Ion Ratio Lower Upper
127 100
129 32.9 25.6 38.4





#33

Hexachlorobutadiene

Concen: 33.602 ng/ul

RT: 10.928 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP019159.D

Acq: 29 Dec 2023 11:15

Instrument :

BNA_P

ClientSampleId :

SLCS080

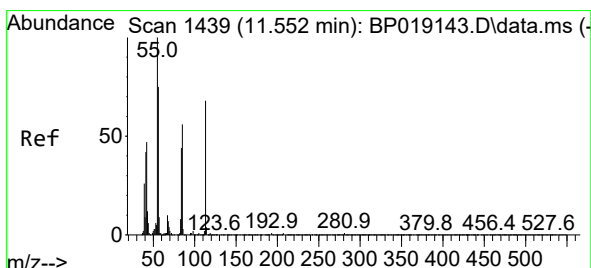
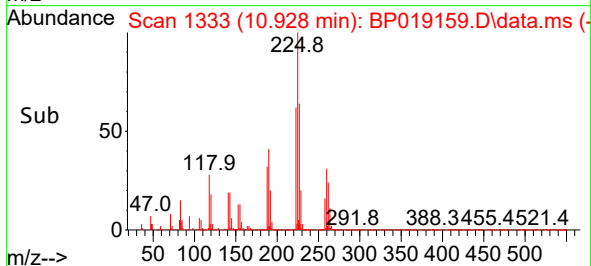
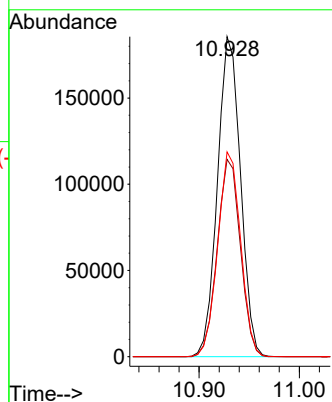
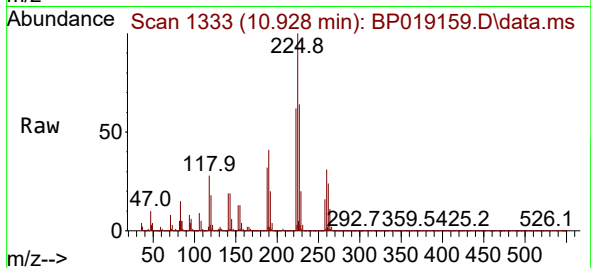
Tgt Ion:225 Resp: 295862

Ion Ratio Lower Upper

225 100

223 61.7 50.5 75.7

227 64.0 53.0 79.4



#34

Caprolactam

Concen: 32.777 ng/ul

RT: 11.557 min Scan# 1440

Delta R.T. 0.006 min

Lab File: BP019159.D

Acq: 29 Dec 2023 11:15

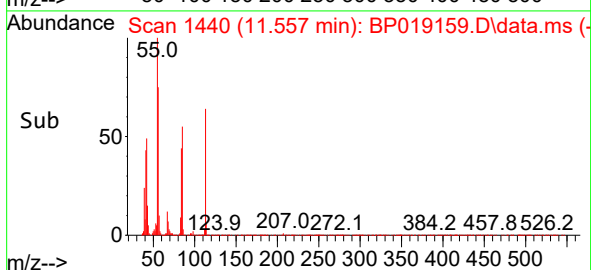
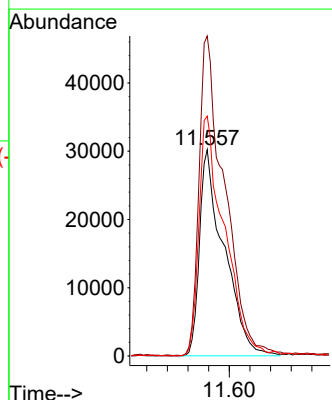
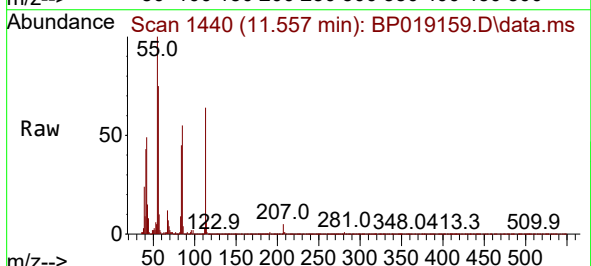
Tgt Ion:113 Resp: 99054

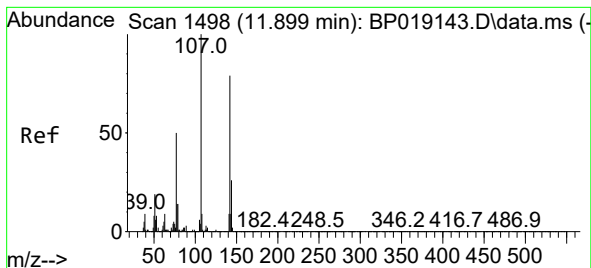
Ion Ratio Lower Upper

113 100

55 155.2 122.6 184.0

56 116.3 93.0 139.4

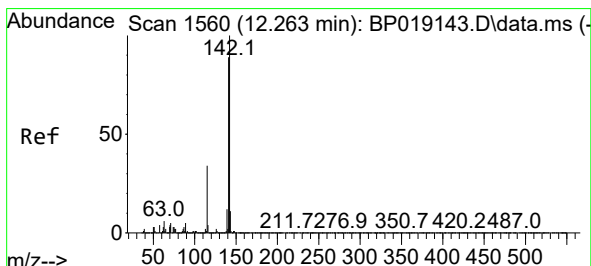
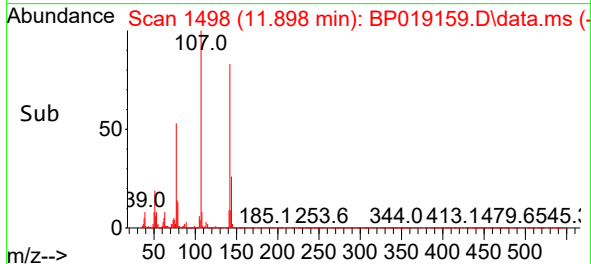
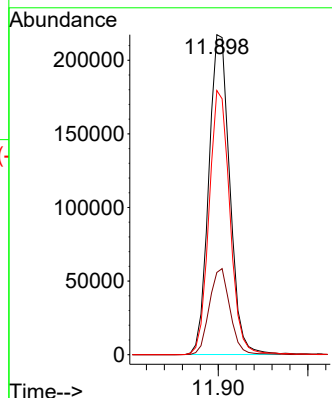
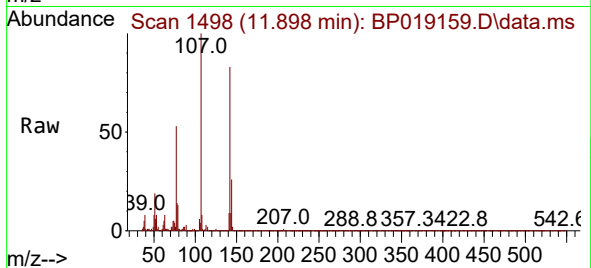




#35
4-Chloro-3-methylphenol
Concen: 31.498 ng/ul
RT: 11.898 min Scan# 1498
Delta R.T. -0.000 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

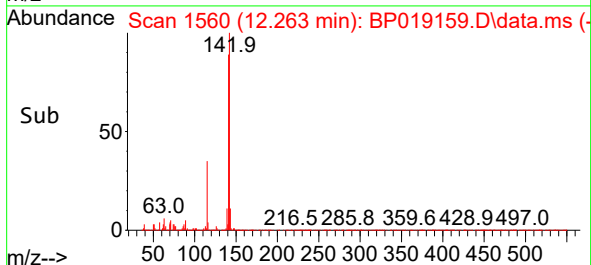
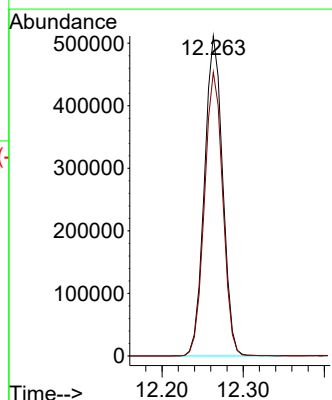
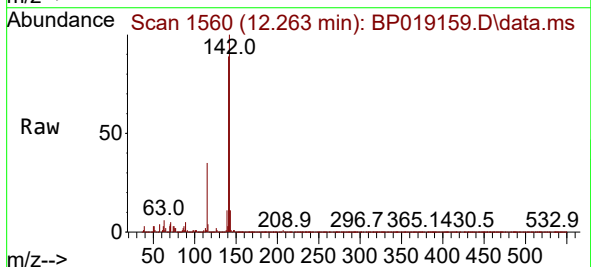
Instrument :
BNA_P
ClientSampleId :
SLCS080

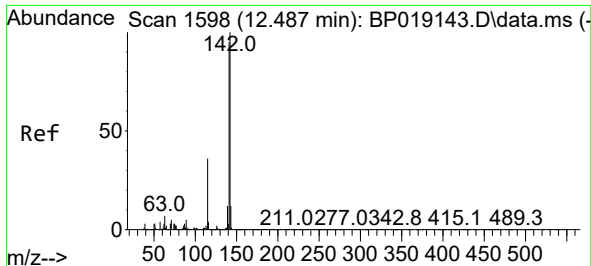
Tgt Ion:107 Resp: 353755
Ion Ratio Lower Upper
107 100
144 25.7 21.0 31.6
142 82.5 64.8 97.2



#36
2-Methylnaphthalene
Concen: 31.486 ng/ul
RT: 12.263 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

Tgt Ion:142 Resp: 794319
Ion Ratio Lower Upper
142 100
141 88.7 71.7 107.5

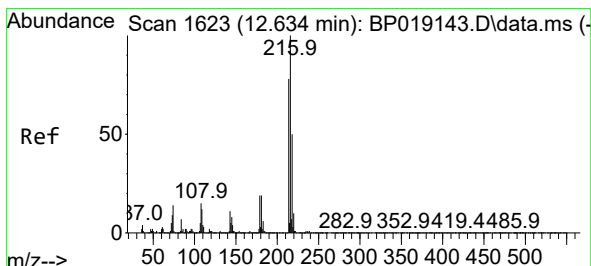
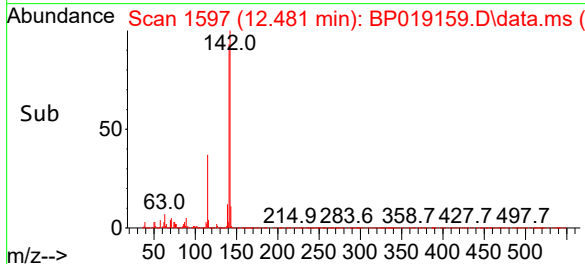
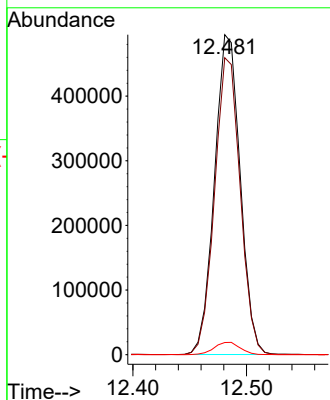
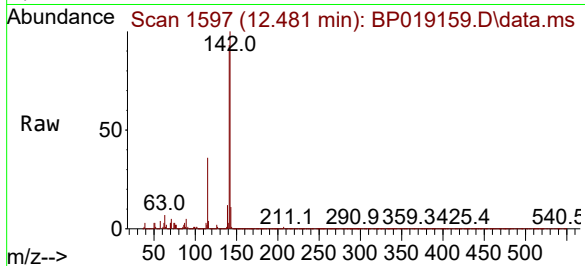




#37
1-Methylnaphthalene
Concen: 30.604 ng/ul
RT: 12.481 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

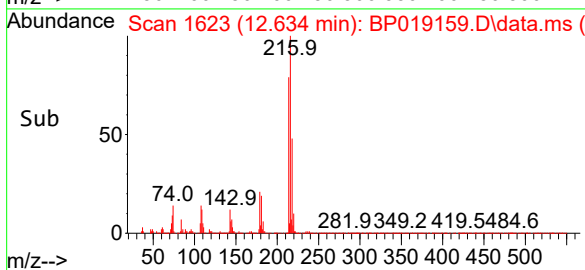
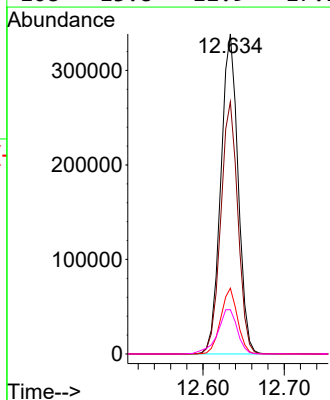
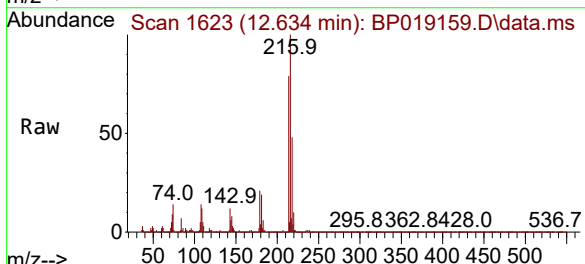
Instrument :
BNA_P
ClientSampleId :
SLCS080

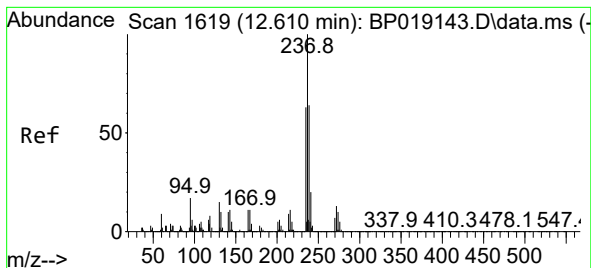
Tgt Ion:142 Resp: 778564
Ion Ratio Lower Upper
142 100
141 92.8 74.4 111.6
116 3.8 3.0 4.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 32.970 ng/ul
RT: 12.634 min Scan# 1623
Delta R.T. -0.000 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

Tgt Ion:216 Resp: 500549
Ion Ratio Lower Upper
216 100
214 78.8 62.6 94.0
179 20.5 15.8 23.8
108 13.8 11.9 17.9





#40

Hexachlorocyclopentadiene

Concen: 32.502 ng/ul

RT: 12.610 min Scan# 1619

Delta R.T. -0.000 min

Lab File: BP019159.D

Acq: 29 Dec 2023 11:15

Instrument :

BNA_P

ClientSampleId :

SLCS080

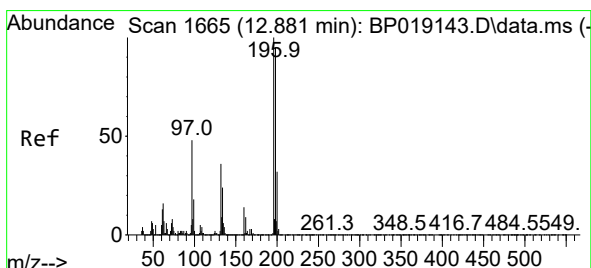
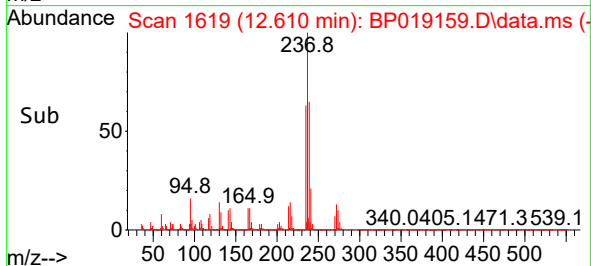
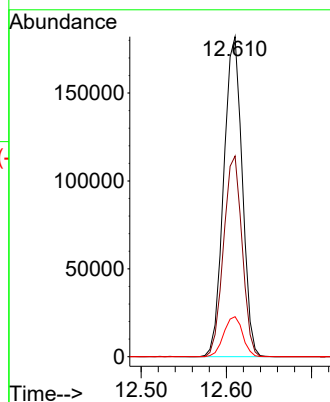
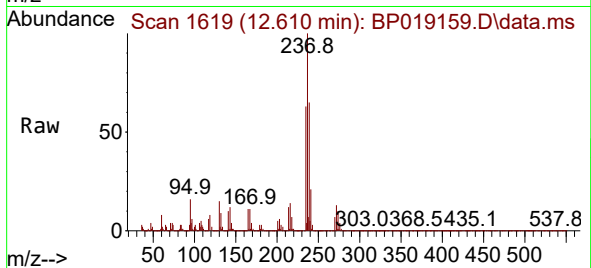
Tgt Ion:237 Resp: 273891

Ion Ratio Lower Upper

237 100

235 62.7 51.2 76.8

272 12.5 10.9 16.3



#41

2,4,6-Trichlorophenol

Concen: 33.296 ng/ul

RT: 12.881 min Scan# 1665

Delta R.T. -0.000 min

Lab File: BP019159.D

Acq: 29 Dec 2023 11:15

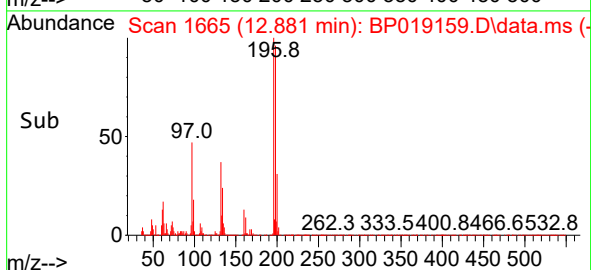
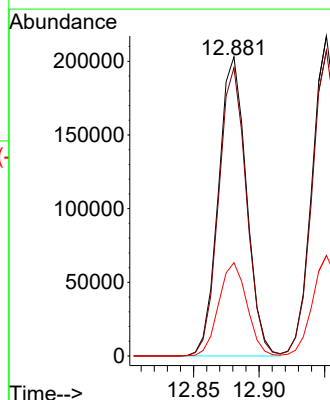
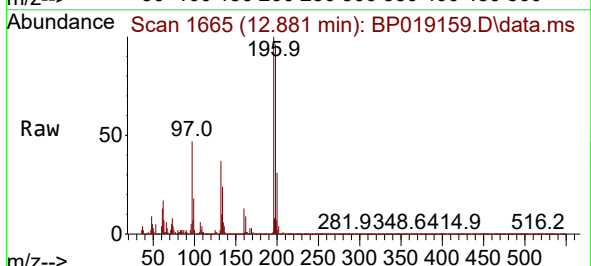
Tgt Ion:196 Resp: 301669

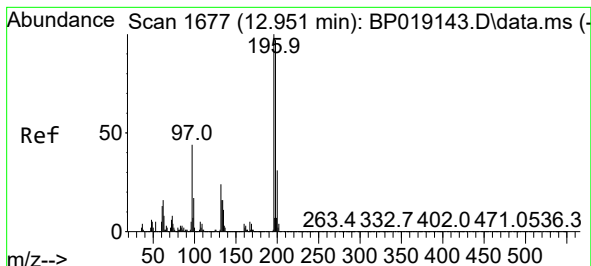
Ion Ratio Lower Upper

196 100

198 96.4 77.4 116.0

200 31.2 24.6 36.8





#42

2,4,5-Trichlorophenol

Concen: 33.453 ng/ul

RT: 12.951 min Scan# 1677

Delta R.T. -0.000 min

Lab File: BP019159.D

Acq: 29 Dec 2023 11:15

Instrument :

BNA_P

ClientSampleId :

SLCS080

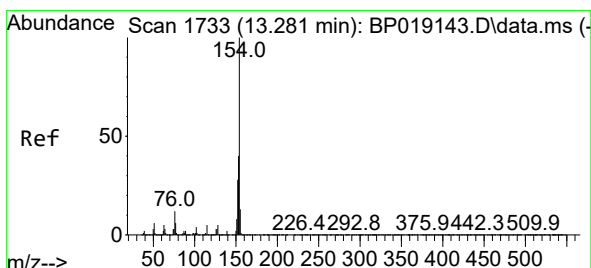
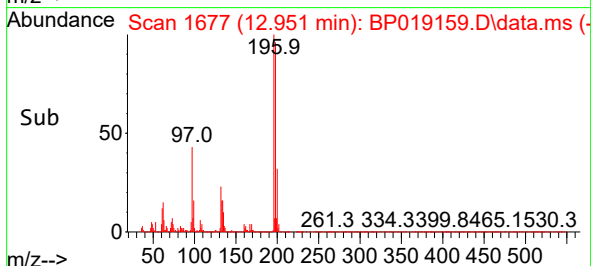
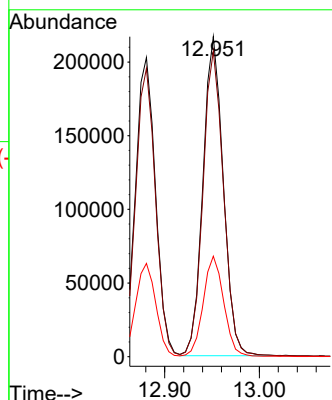
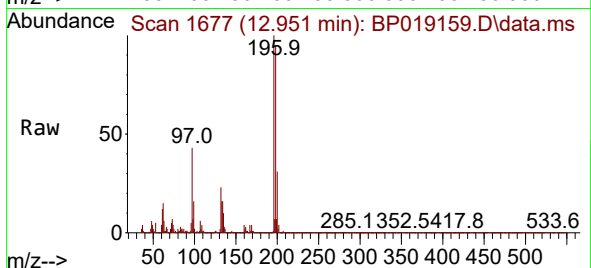
Tgt Ion:196 Resp: 321743

Ion Ratio Lower Upper

196 100

198 95.4 77.3 115.9

200 31.4 25.7 38.5



#43

1,1'-Biphenyl

Concen: 32.215 ng/ul

RT: 13.281 min Scan# 1733

Delta R.T. -0.000 min

Lab File: BP019159.D

Acq: 29 Dec 2023 11:15

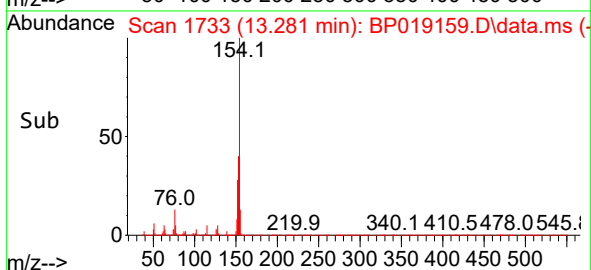
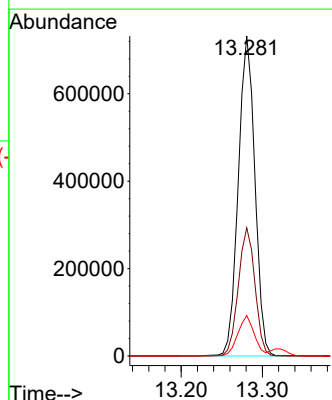
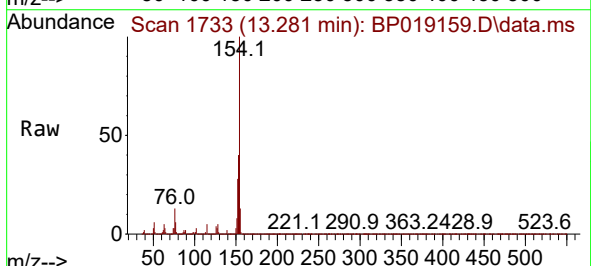
Tgt Ion:154 Resp: 1035915

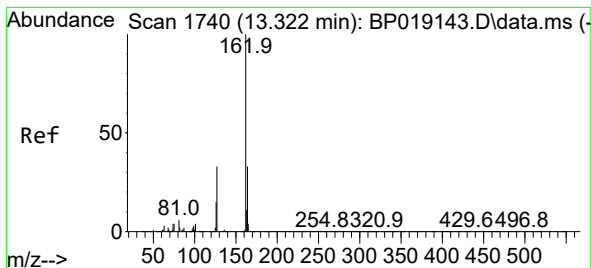
Ion Ratio Lower Upper

154 100

153 40.1 31.9 47.9

76 12.6 9.5 14.3





#44

2-Chloronaphthalene

Concen: 32.233 ng/ul

RT: 13.322 min Scan# 1740

Delta R.T. -0.000 min

Lab File: BP019159.D

Acq: 29 Dec 2023 11:15

Instrument :

BNA_P

ClientSampleId :

SLCS080

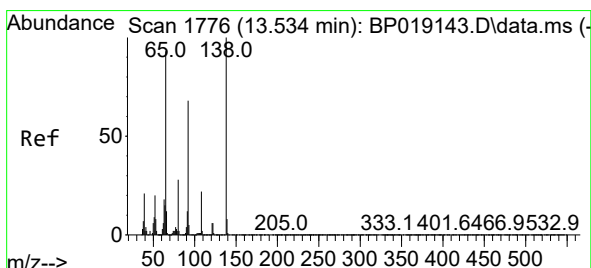
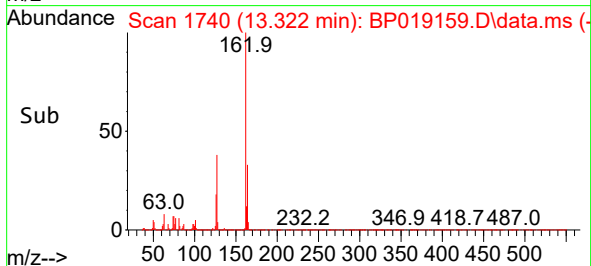
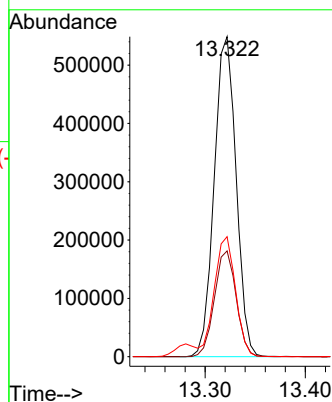
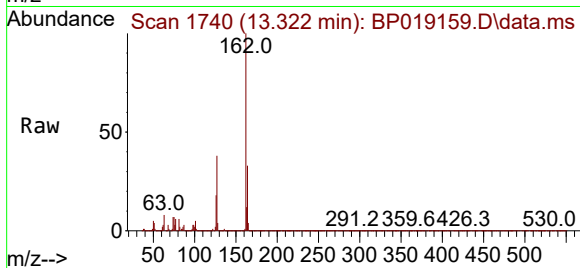
Tgt Ion:162 Resp: 831673

Ion Ratio Lower Upper

162 100

164 33.0 26.2 39.4

127 37.5 28.8 43.2



#45

2-Nitroaniline

Concen: 34.026 ng/ul

RT: 13.534 min Scan# 1776

Delta R.T. -0.000 min

Lab File: BP019159.D

Acq: 29 Dec 2023 11:15

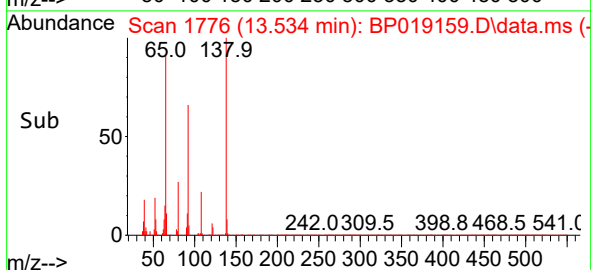
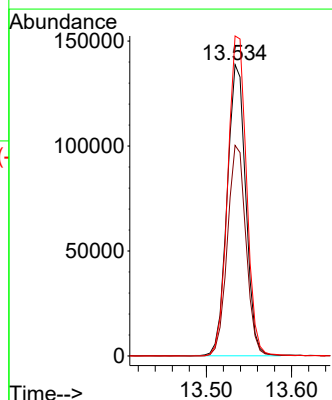
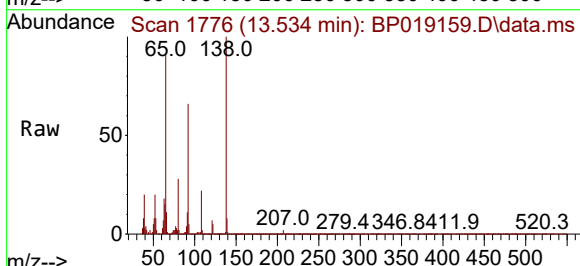
Tgt Ion: 65 Resp: 210764

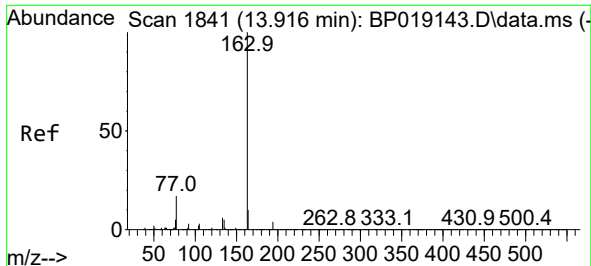
Ion Ratio Lower Upper

65 100

92 72.3 60.2 90.4

138 109.8 92.9 139.3

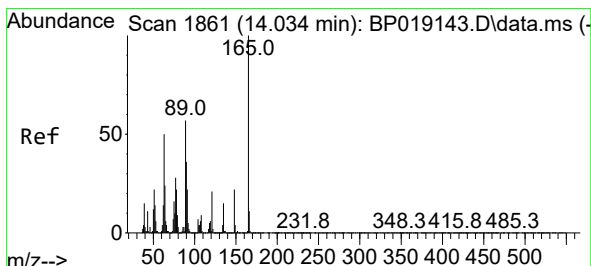
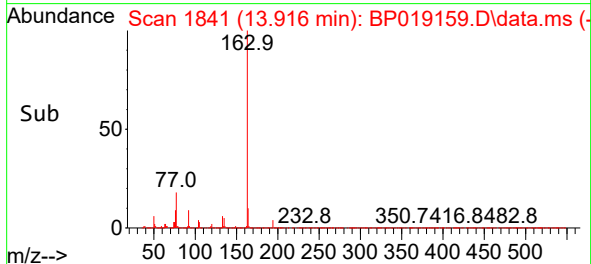
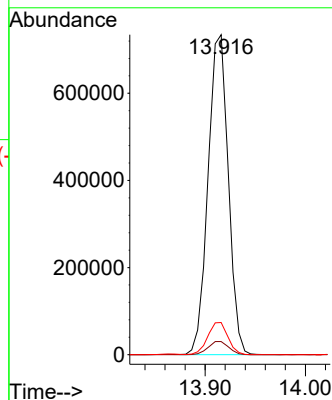
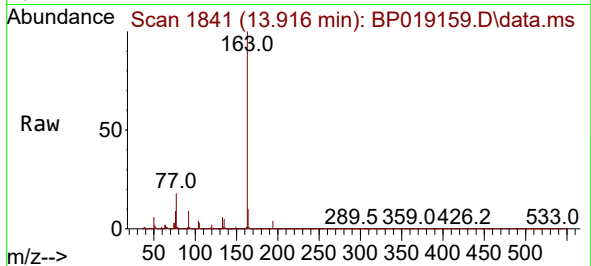




#47
Dimethylphthalate
Concen: 32.118 ng/ul
RT: 13.916 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

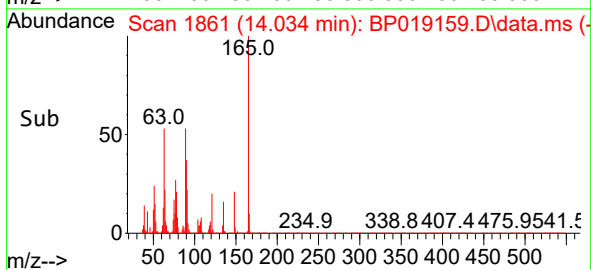
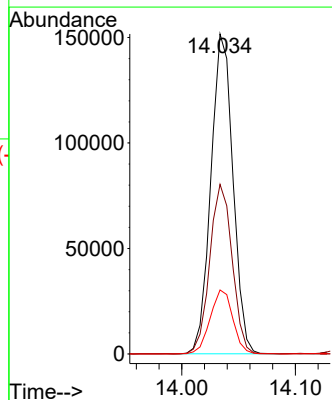
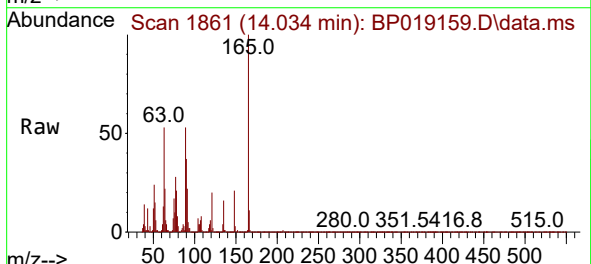
Instrument :
BNA_P
ClientSampleId :
SLCS080

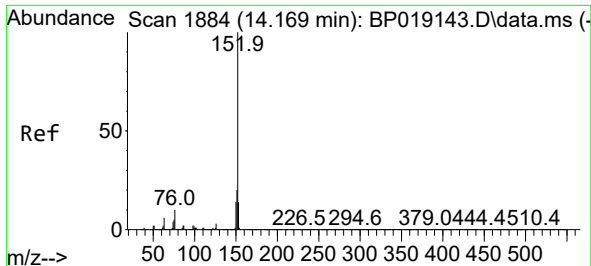
Tgt Ion:163 Resp: 1032269
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.1 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 34.650 ng/ul
RT: 14.034 min Scan# 1861
Delta R.T. -0.000 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

Tgt Ion:165 Resp: 204643
Ion Ratio Lower Upper
165 100
89 53.0 45.1 67.7
121 20.0 16.7 25.1

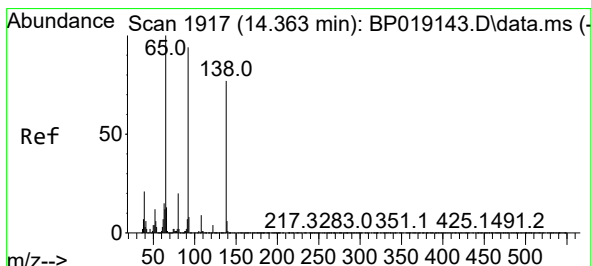
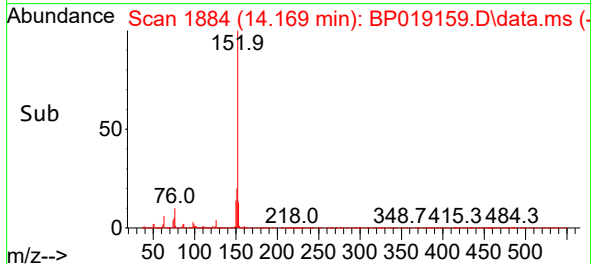
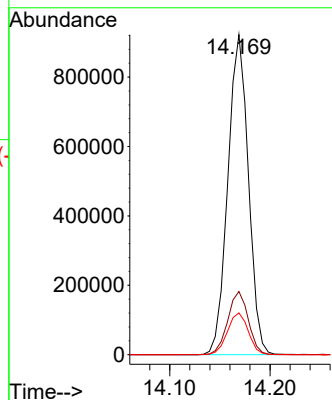
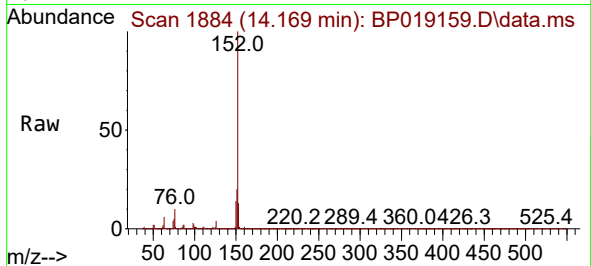




#50
Acenaphthylene
Concen: 33.001 ng/ul
RT: 14.169 min Scan# 1884
Delta R.T. -0.000 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

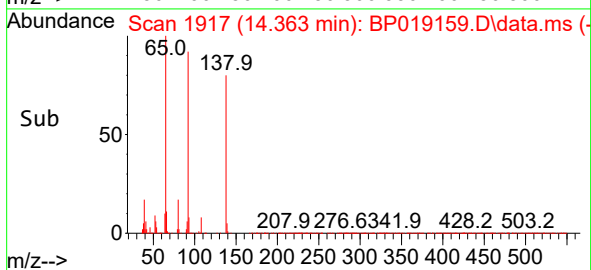
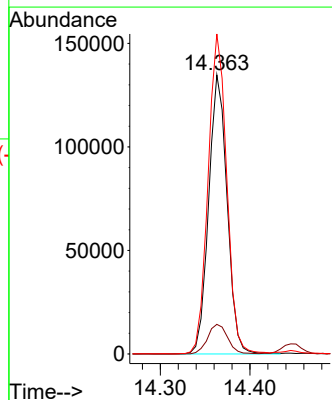
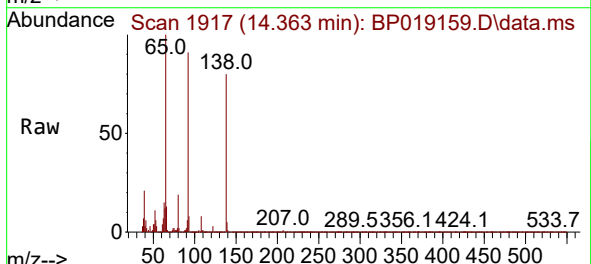
Instrument :
BNA_P
ClientSampleId :
SLCS080

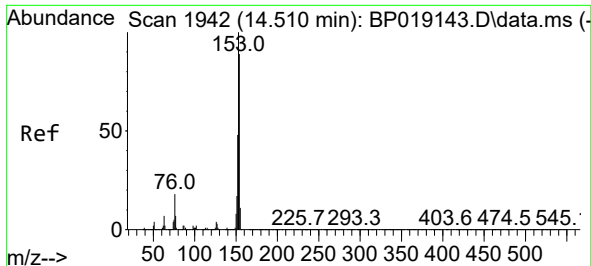
Tgt Ion:152 Resp: 1311750
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.1 10.6 15.8



#51
3-Nitroaniline
Concen: 33.312 ng/ul
RT: 14.363 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

Tgt Ion:138 Resp: 192338
Ion Ratio Lower Upper
138 100
108 10.6 9.8 14.6
92 114.7 91.9 137.9

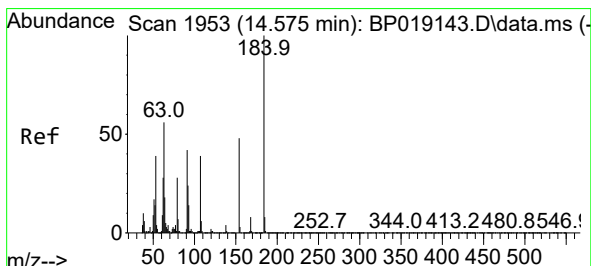
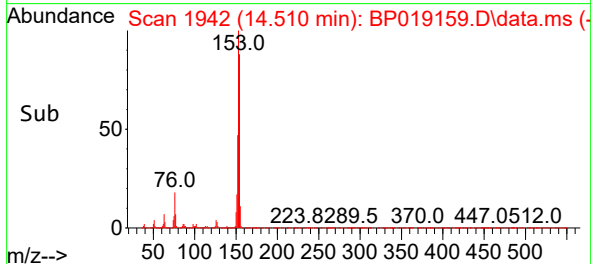
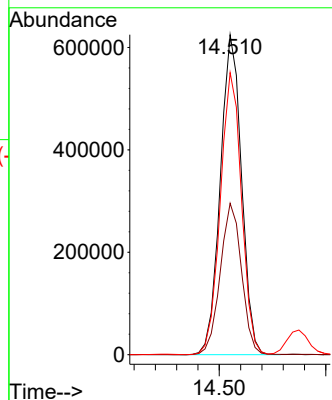
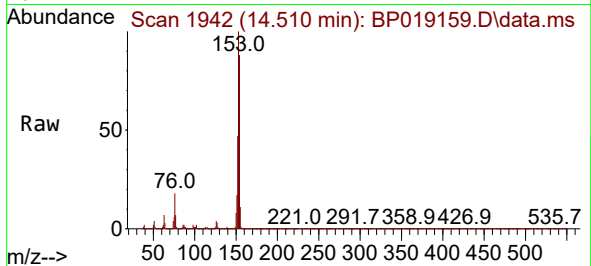




#52
Acenaphthene
Concen: 31.991 ng/ul
RT: 14.510 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

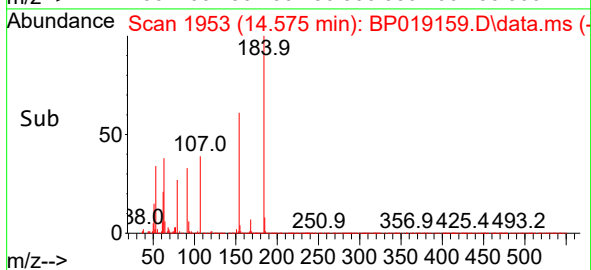
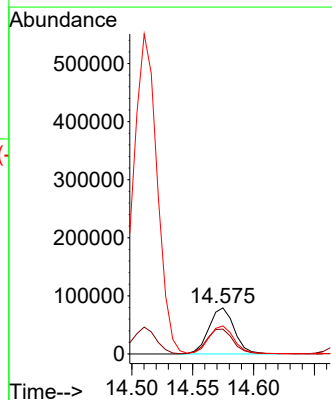
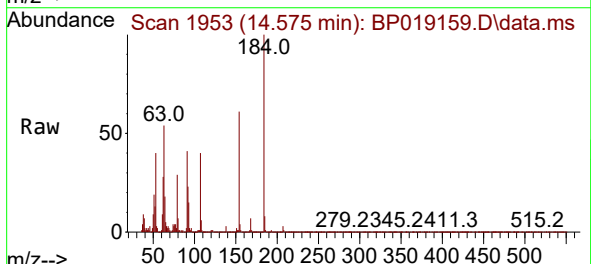
Instrument :
BNA_P
ClientSampleId :
SLCS080

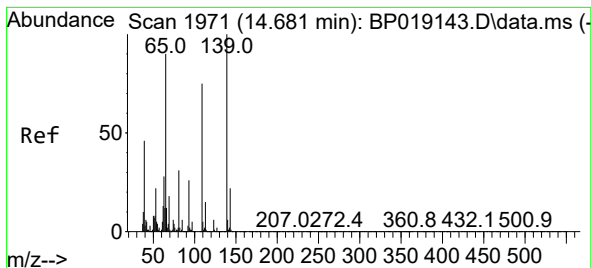
Tgt Ion:153 Resp: 861830
Ion Ratio Lower Upper
153 100
152 47.3 38.1 57.1
154 88.2 70.1 105.1



#53
2,4-Dinitrophenol
Concen: 30.195 ng/ul
RT: 14.575 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

Tgt Ion:184 Resp: 114890
Ion Ratio Lower Upper
184 100
63 53.7 48.5 72.7
154 60.7 49.3 73.9

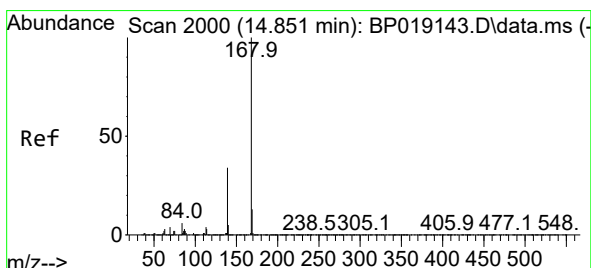
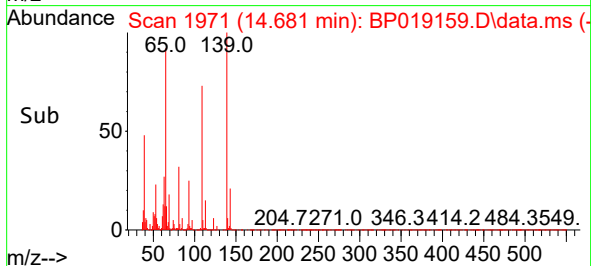
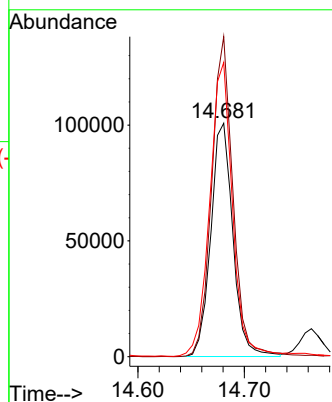
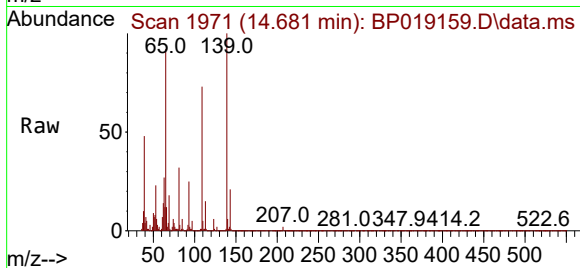




#55
4-Nitrophenol
Concen: 32.957 ng/ul
RT: 14.681 min Scan# 1971
Delta R.T. -0.000 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

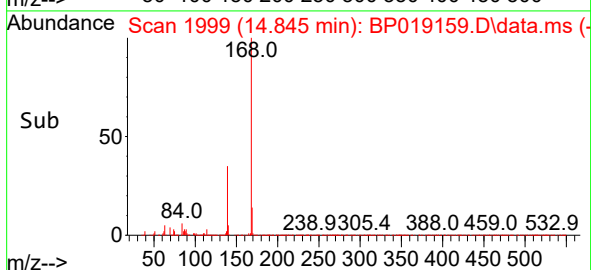
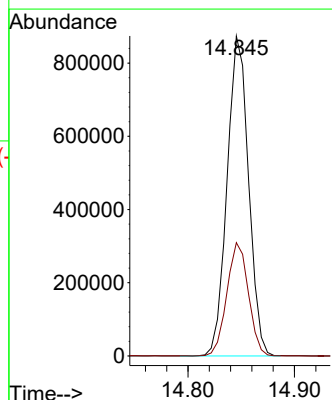
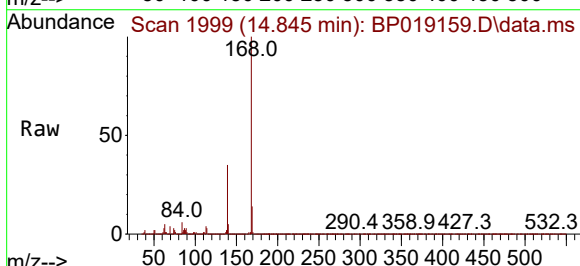
Instrument :
BNA_P
ClientSampleId :
SLCS080

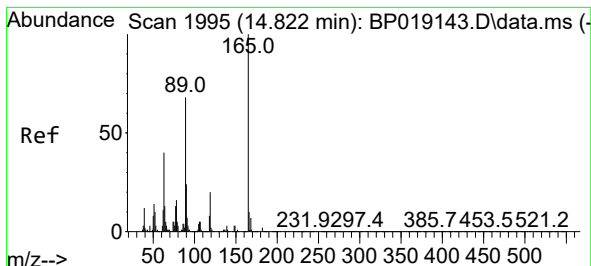
Tgt Ion:109 Resp: 144813
Ion Ratio Lower Upper
109 100
139 137.1 102.6 154.0
65 126.1 92.9 139.3



#56
Dibenzofuran
Concen: 31.739 ng/ul
RT: 14.845 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

Tgt Ion:168 Resp: 1221058
Ion Ratio Lower Upper
168 100
139 35.4 27.4 41.0

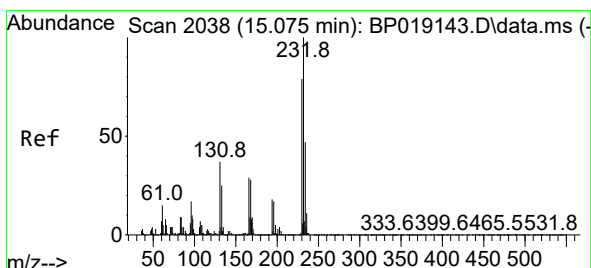
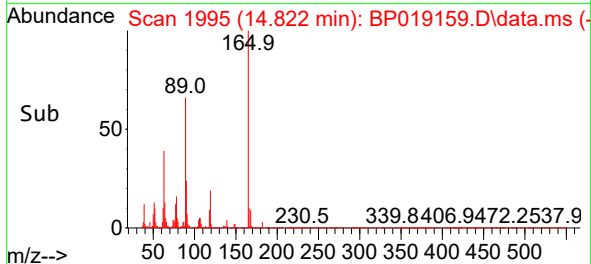
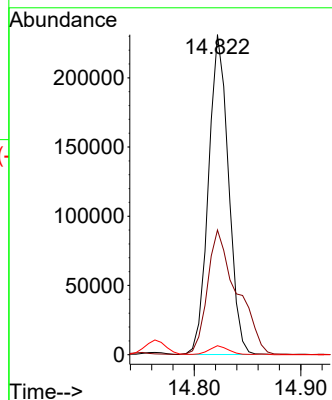
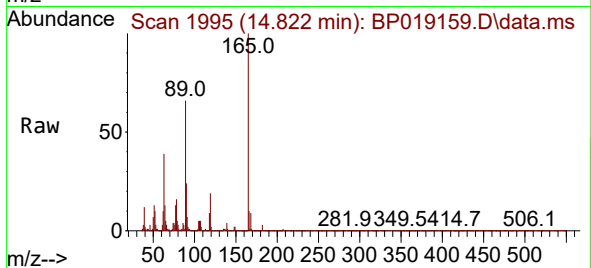




#57
2,4-Dinitrotoluene
Concen: 34.793 ng/ul
RT: 14.822 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

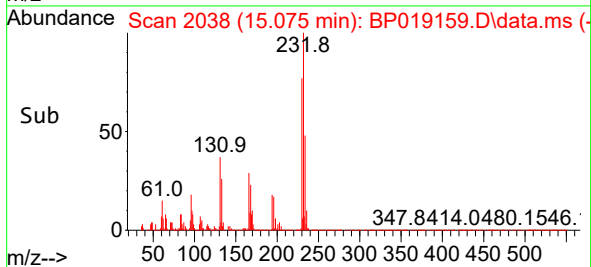
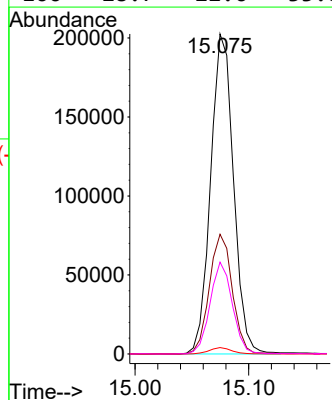
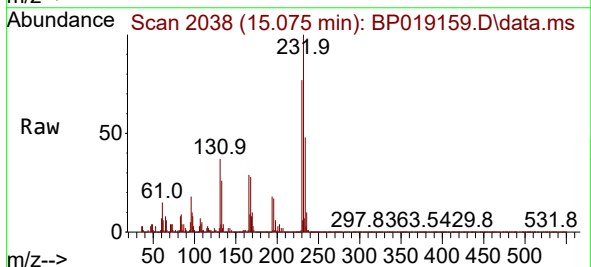
Instrument :
BNA_P
ClientSampleId :
SLCS080

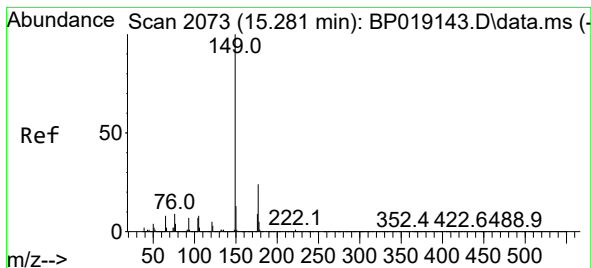
Tgt Ion:165 Resp: 302203
Ion Ratio Lower Upper
165 100
63 38.9 31.5 47.3
182 2.8 2.2 3.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 33.711 ng/ul
RT: 15.075 min Scan# 2038
Delta R.T. -0.000 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

Tgt Ion:232 Resp: 283271
Ion Ratio Lower Upper
232 100
131 37.4 29.3 43.9
130 2.0 1.4 2.2
166 28.7 22.6 33.8





#59

Diethylphthalate

Concen: 32.740 ng/ul

RT: 15.281 min Scan# 2073

Delta R.T. -0.000 min

Lab File: BP019159.D

Acq: 29 Dec 2023 11:15

Instrument :

BNA_P

ClientSampleId :

SLCS080

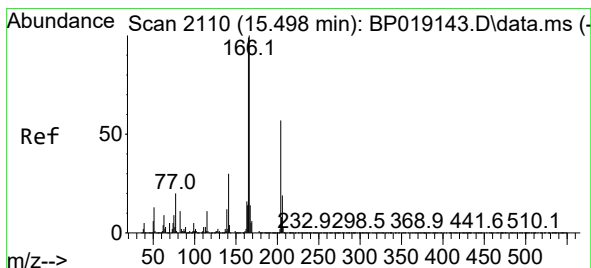
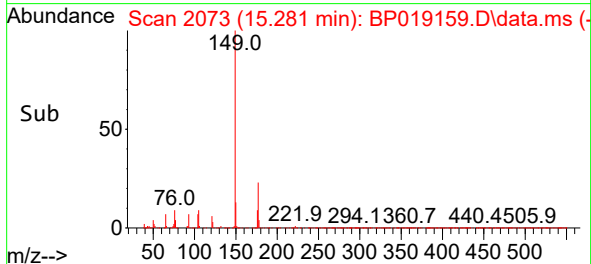
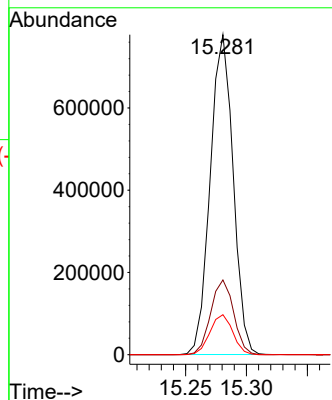
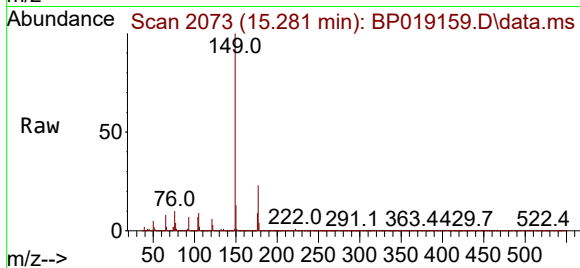
Tgt Ion:149 Resp: 1020247

Ion Ratio Lower Upper

149 100

177 23.3 18.7 28.1

150 12.5 9.8 14.8



#61

Fluorene

Concen: 32.210 ng/ul

RT: 15.498 min Scan# 2110

Delta R.T. -0.000 min

Lab File: BP019159.D

Acq: 29 Dec 2023 11:15

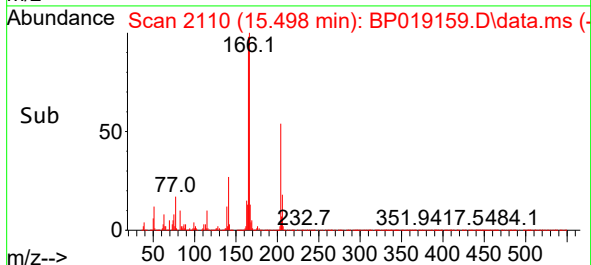
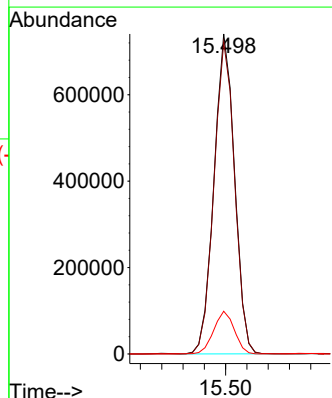
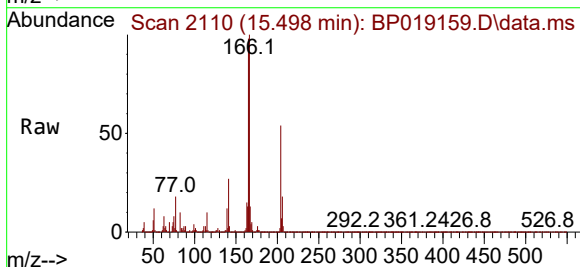
Tgt Ion:166 Resp: 991840

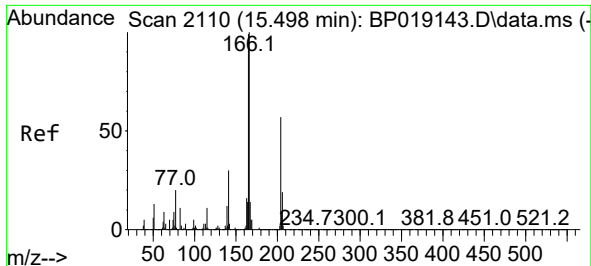
Ion Ratio Lower Upper

166 100

165 97.5 79.3 118.9

167 13.3 11.0 16.4

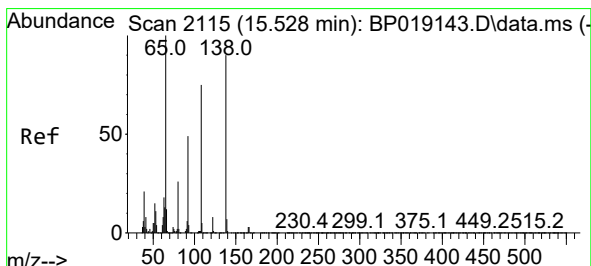
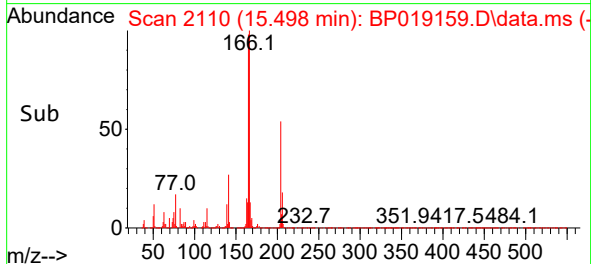
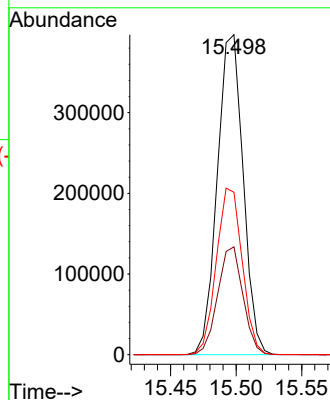
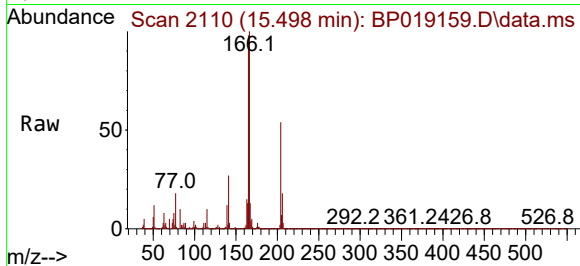




#62
4-Chlorophenyl-phenylether
Concen: 32.332 ng/ul
RT: 15.498 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

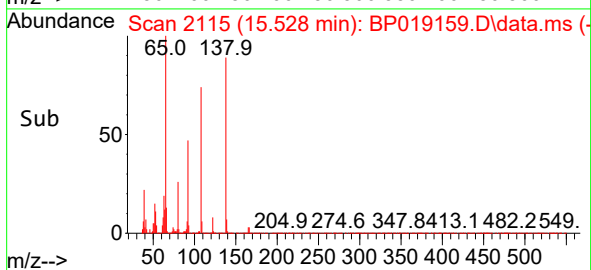
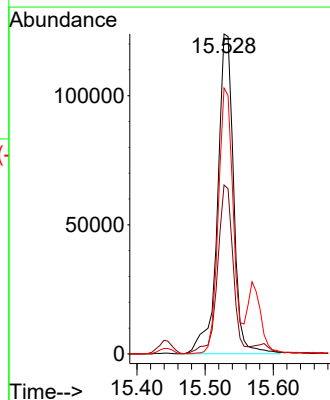
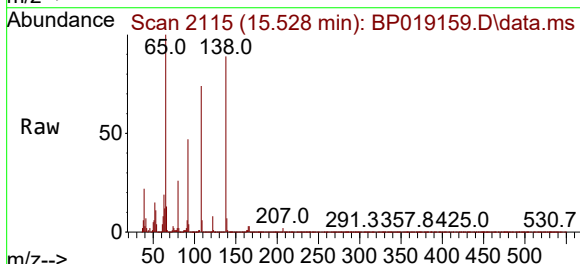
Instrument :
BNA_P
ClientSampleId :
SLCS080

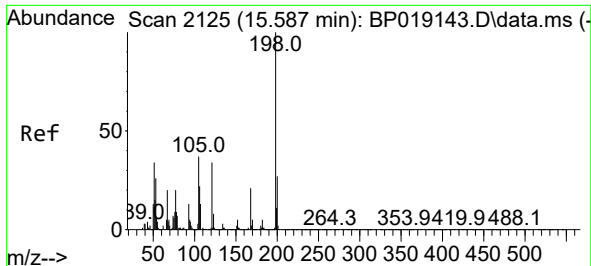
Tgt Ion:204 Resp: 543707
Ion Ratio Lower Upper
204 100
206 33.7 26.3 39.5
141 50.8 42.2 63.2



#63
4-Nitroaniline
Concen: 35.015 ng/ul
RT: 15.528 min Scan# 2115
Delta R.T. -0.000 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

Tgt Ion:138 Resp: 203404
Ion Ratio Lower Upper
138 100
92 52.8 42.2 63.4
108 83.1 66.2 99.4

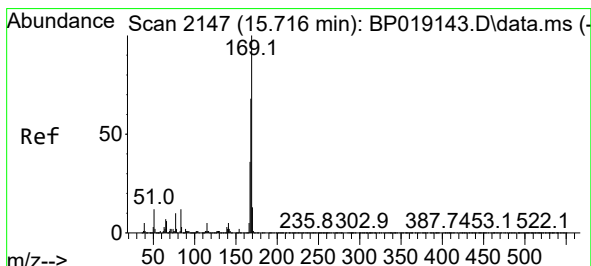
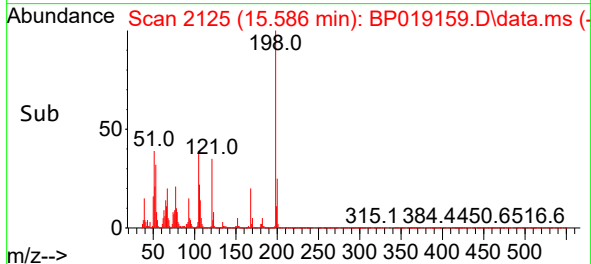
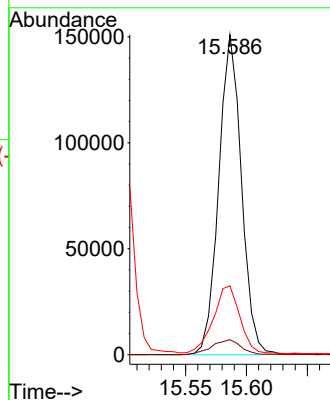
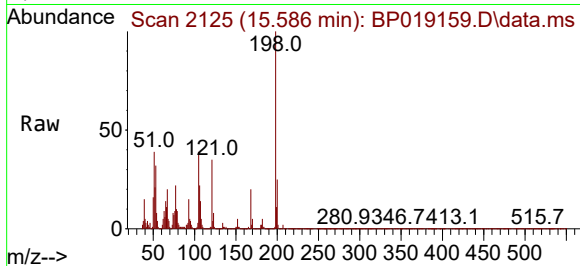




#66
4,6-Dinitro-2-methylphenol
Concen: 33.926 ng/ul
RT: 15.586 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

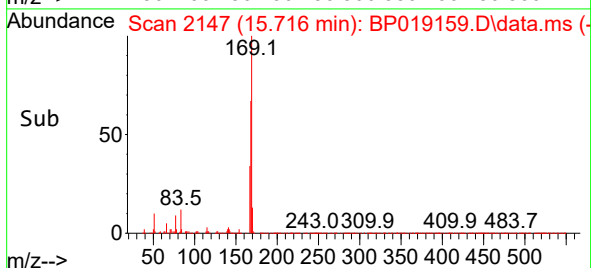
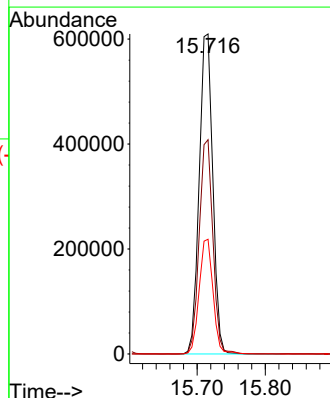
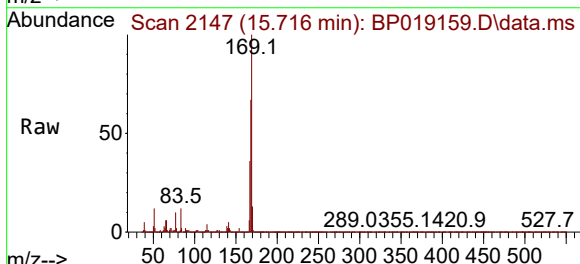
Instrument :
BNA_P
ClientSampleId :
SLCS080

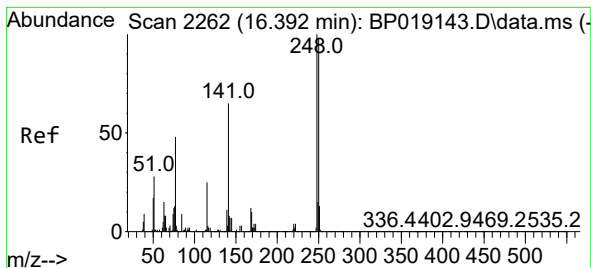
Tgt Ion:198 Resp: 196136
Ion Ratio Lower Upper
198 100
182 4.7 4.0 6.0
77 21.5 17.4 26.2



#67
N-Nitrosodiphenylamine
Concen: 33.179 ng/ul
RT: 15.716 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

Tgt Ion:169 Resp: 843413
Ion Ratio Lower Upper
169 100
168 67.0 53.8 80.8
167 35.9 29.5 44.3

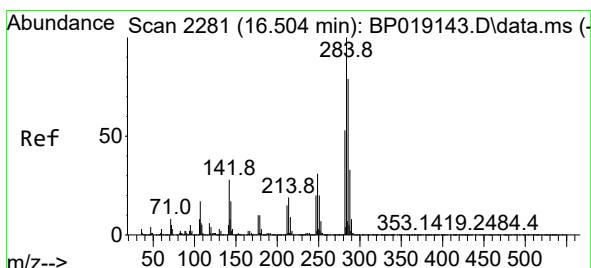
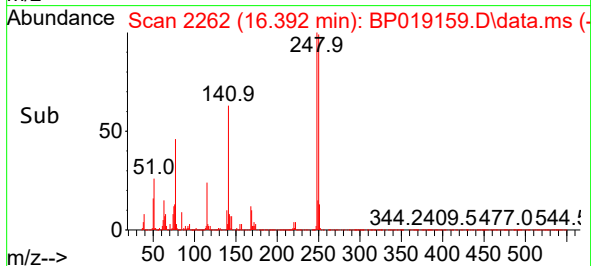
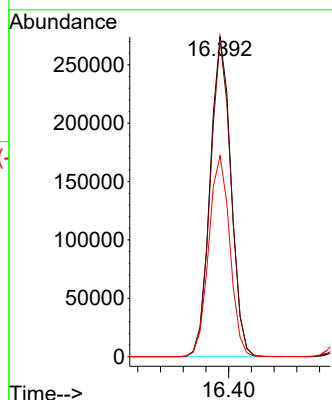
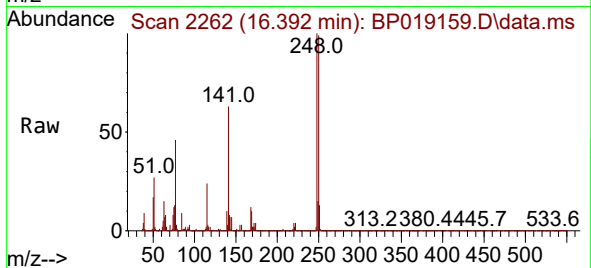




#68
4-Bromophenyl-phenylether
Concen: 33.728 ng/ul
RT: 16.392 min Scan# 2262
Delta R.T. -0.000 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

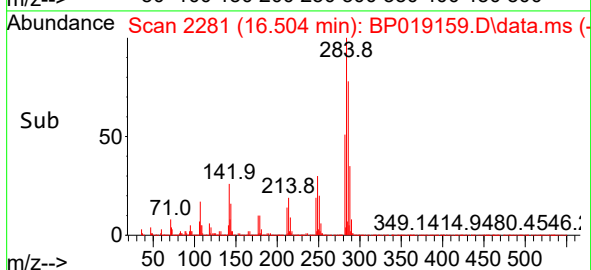
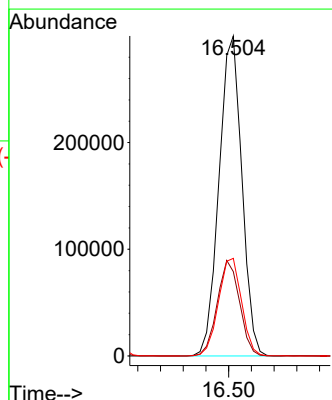
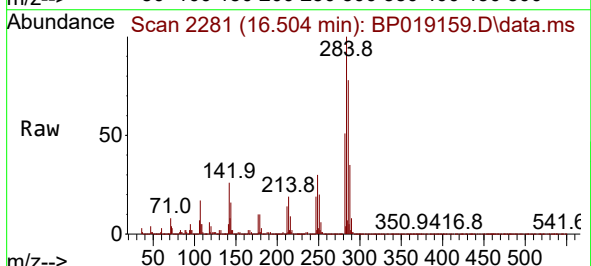
Instrument :
BNA_P
ClientSampleId :
SLCS080

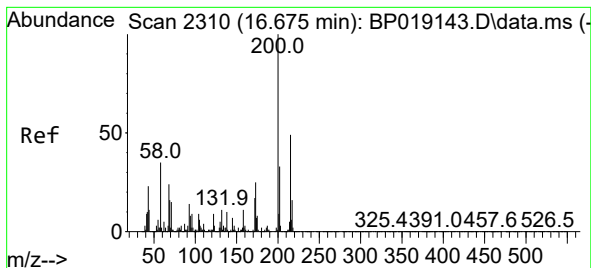
Tgt Ion:248 Resp: 349170
Ion Ratio Lower Upper
248 100
250 98.9 78.3 117.5
141 62.8 48.6 72.8



#69
Hexachlorobenzene
Concen: 33.114 ng/ul
RT: 16.504 min Scan# 2281
Delta R.T. -0.000 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

Tgt Ion:284 Resp: 418943
Ion Ratio Lower Upper
284 100
142 26.3 22.9 34.3
249 30.5 23.7 35.5





#70

Atrazine

Concen: 44.534 ng/ul

RT: 16.675 min Scan# 2310

Delta R.T. -0.000 min

Lab File: BP019159.D

Acq: 29 Dec 2023 11:15

Instrument :

BNA_P

ClientSampleId :

SLCS080

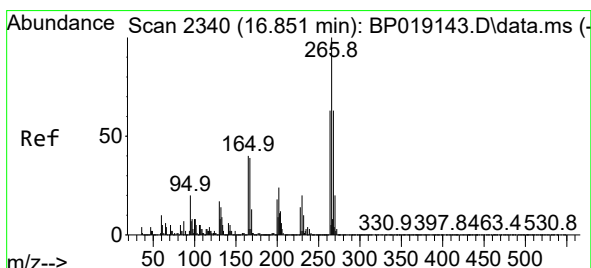
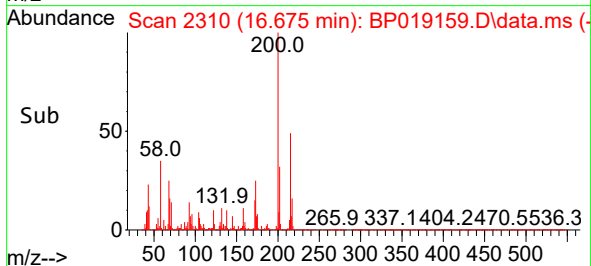
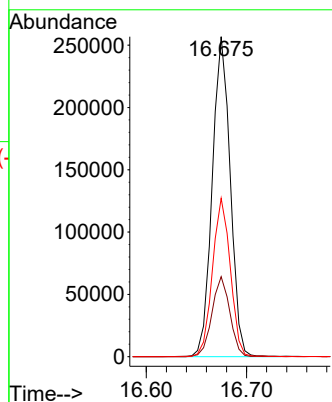
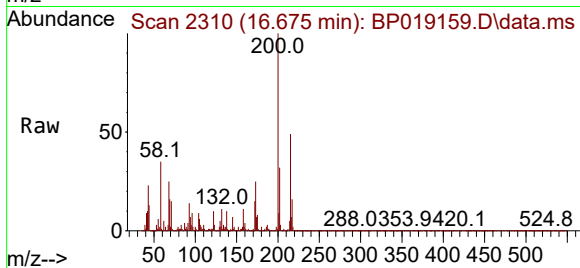
Tgt Ion:200 Resp: 319485

Ion Ratio Lower Upper

200 100

173 25.0 20.2 30.2

215 49.5 39.9 59.9



#71

Pentachlorophenol

Concen: 34.901 ng/ul

RT: 16.851 min Scan# 2340

Delta R.T. -0.000 min

Lab File: BP019159.D

Acq: 29 Dec 2023 11:15

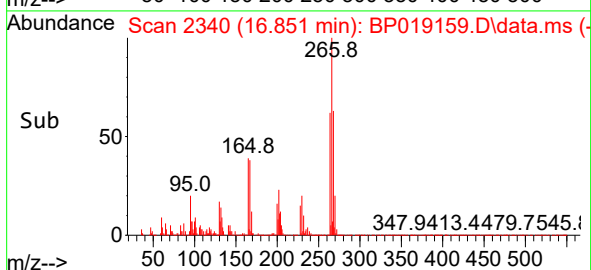
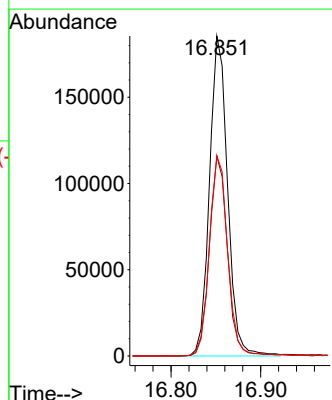
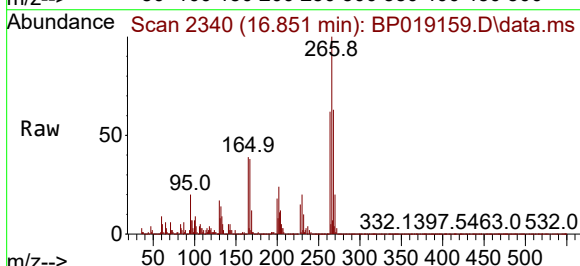
Tgt Ion:266 Resp: 259243

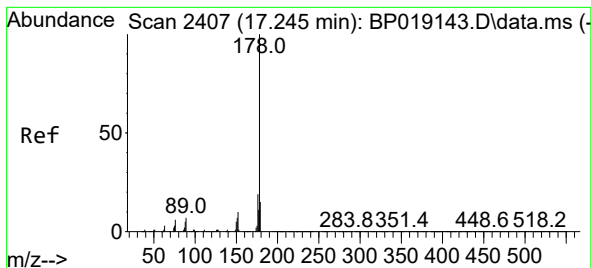
Ion Ratio Lower Upper

266 100

264 62.4 50.0 75.0

268 62.6 52.8 79.2





#72

Phenanthrene

Concen: 32.398 ng/ul

RT: 17.245 min Scan# 2407

Delta R.T. -0.000 min

Lab File: BP019159.D

Acq: 29 Dec 2023 11:15

Instrument :

BNA_P

ClientSampleId :

SLCS080

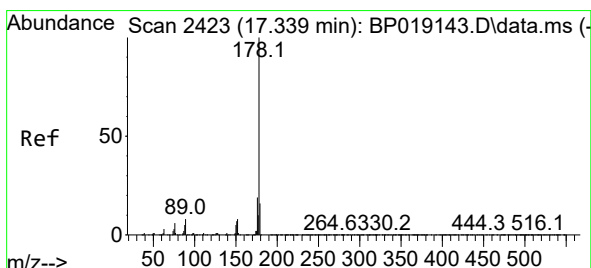
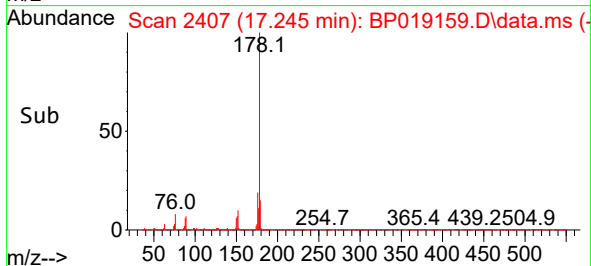
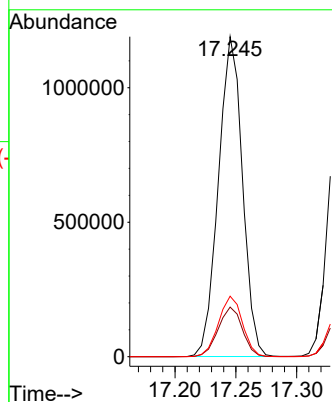
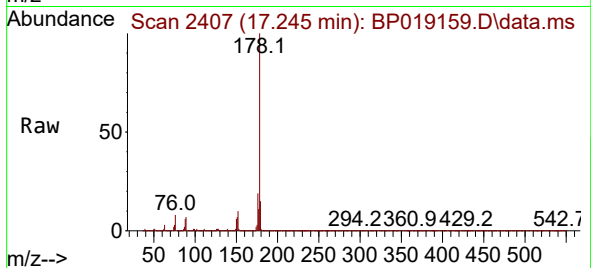
Tgt Ion:178 Resp: 1635316

Ion Ratio Lower Upper

178 100

179 15.5 11.9 17.9

176 18.9 15.0 22.6



#74

Anthracene

Concen: 32.866 ng/ul

RT: 17.339 min Scan# 2423

Delta R.T. -0.000 min

Lab File: BP019159.D

Acq: 29 Dec 2023 11:15

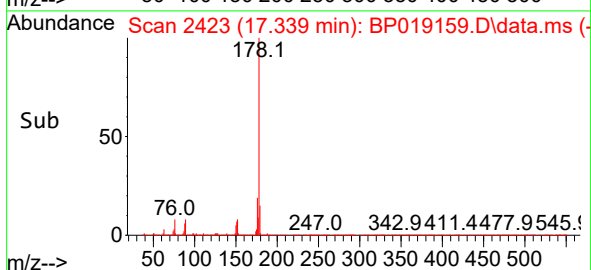
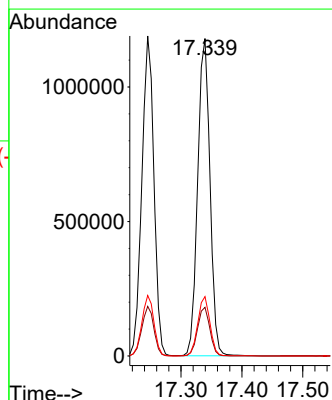
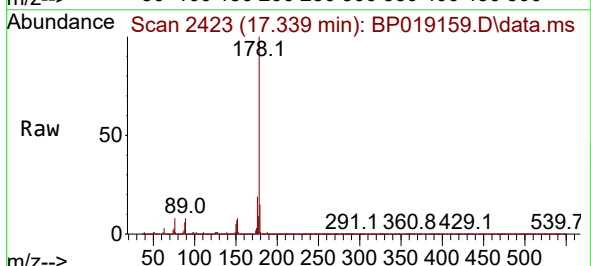
Tgt Ion:178 Resp: 1651534

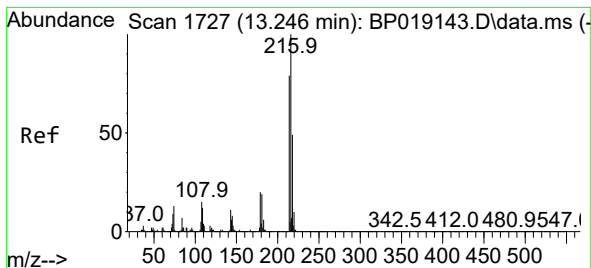
Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.4

176 18.7 14.9 22.3

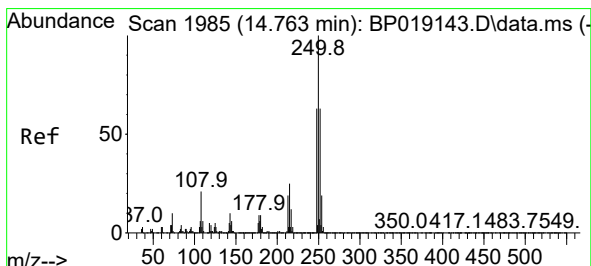
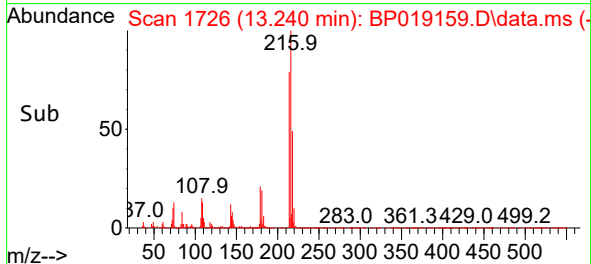
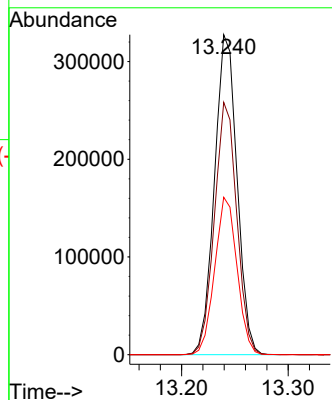
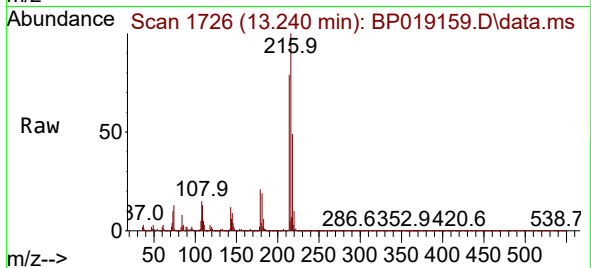




#75
1,2,3,4-Tetrachlorobenzene
Concen: 33.282 ng/uL
RT: 13.240 min Scan# 1727
Delta R.T. -0.006 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

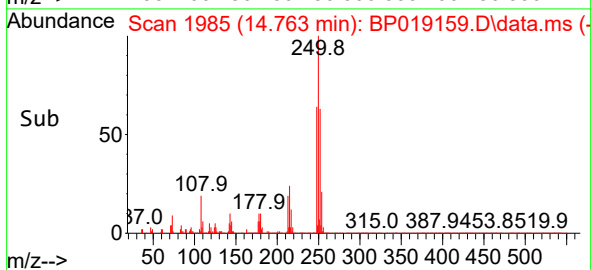
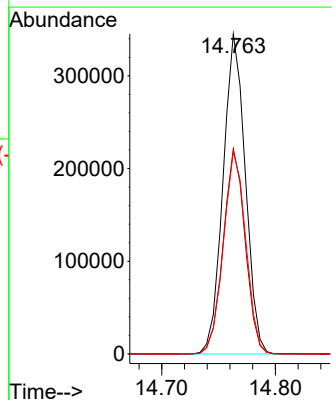
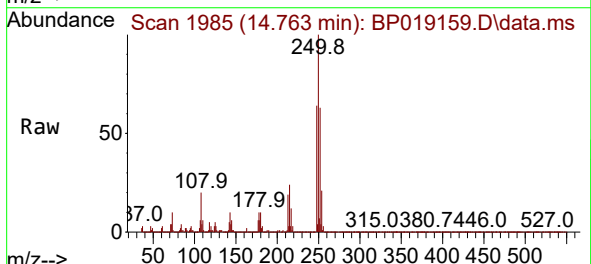
Instrument :
BNA_P
ClientSampleId :
SLCS080

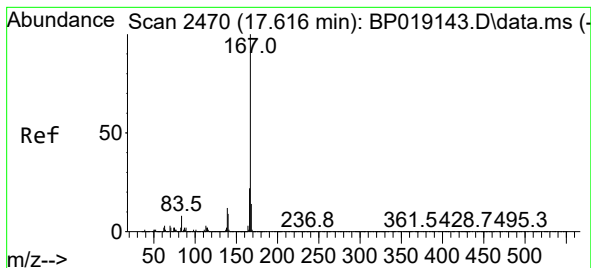
Tgt Ion:216 Resp: 481993
Ion Ratio Lower Upper
216 100
214 78.9 61.6 92.4
218 49.2 38.9 58.3



#76
Pentachlorobenzene
Concen: 32.647 ng/uL
RT: 14.763 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

Tgt Ion:250 Resp: 469812
Ion Ratio Lower Upper
250 100
248 64.2 50.4 75.6
252 63.2 52.1 78.1





#77

Carbazole

Concen: 35.552 ng/ul

RT: 17.616 min Scan# 2470

Delta R.T. -0.000 min

Lab File: BP019159.D

Acq: 29 Dec 2023 11:15

Instrument :

BNA_P

ClientSampleId :

SLCS080

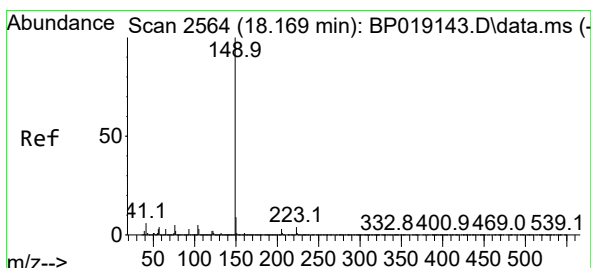
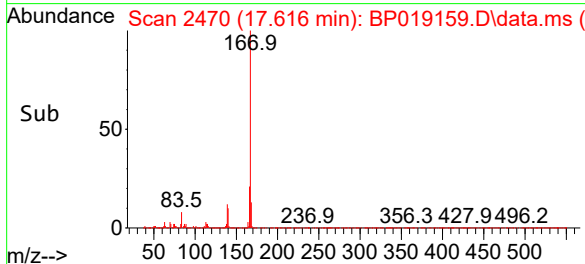
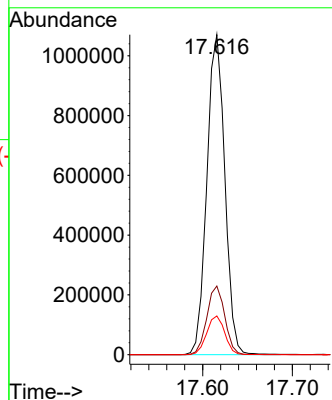
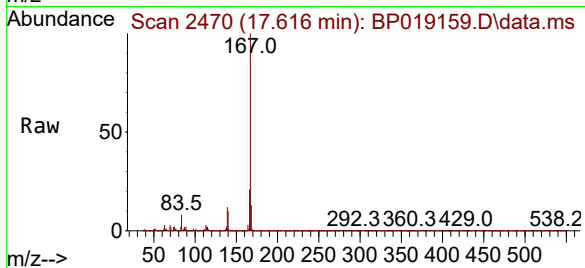
Tgt Ion:167 Resp: 1486054

Ion Ratio Lower Upper

167 100

166 21.4 17.4 26.0

139 12.1 9.8 14.6



#78

Di-n-butylphthalate

Concen: 34.787 ng/ul

RT: 18.169 min Scan# 2564

Delta R.T. -0.000 min

Lab File: BP019159.D

Acq: 29 Dec 2023 11:15

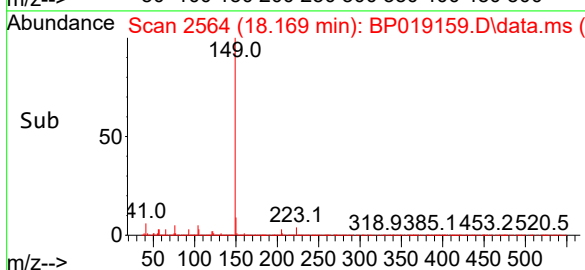
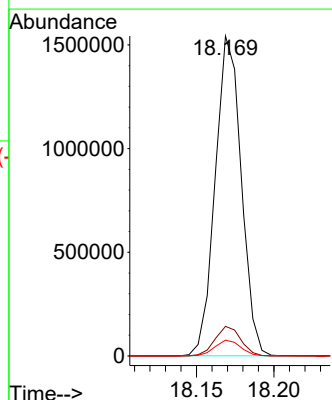
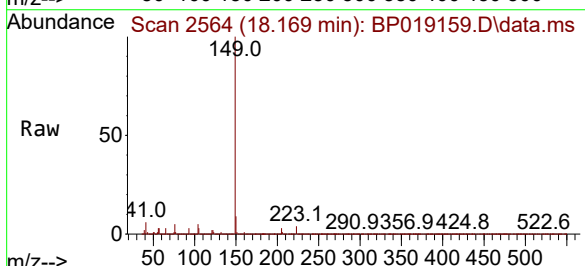
Tgt Ion:149 Resp: 1803374

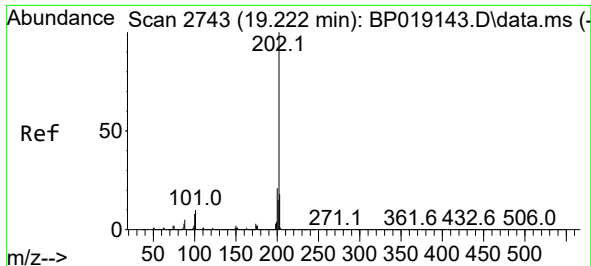
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 5.0 3.9 5.9

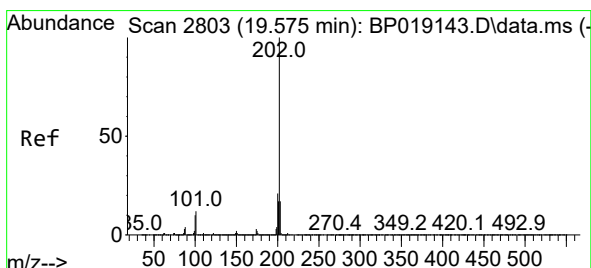
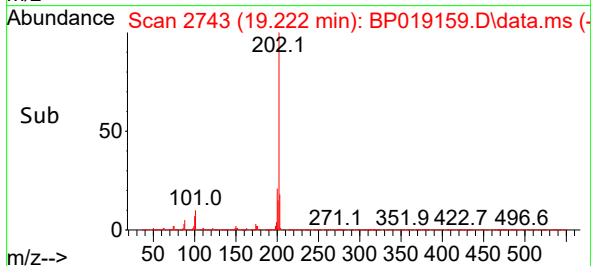
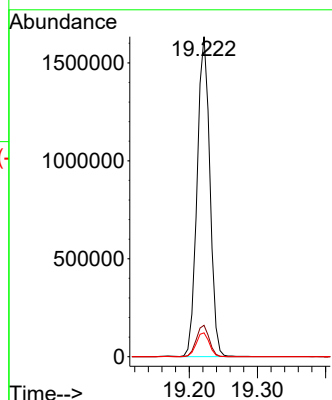
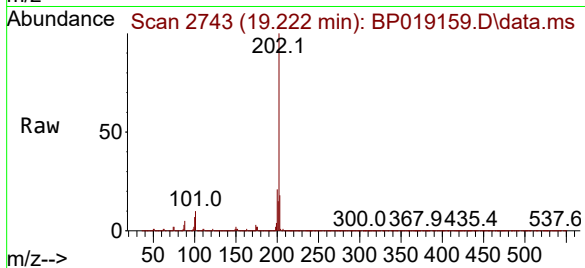




#80
Fluoranthene
Concen: 33.027 ng/ul
RT: 19.222 min Scan# 2119180
Delta R.T. -0.000 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

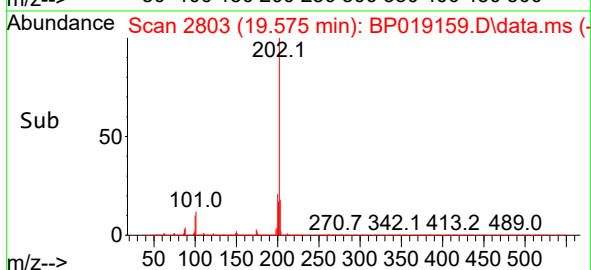
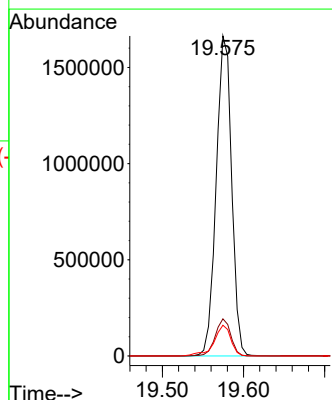
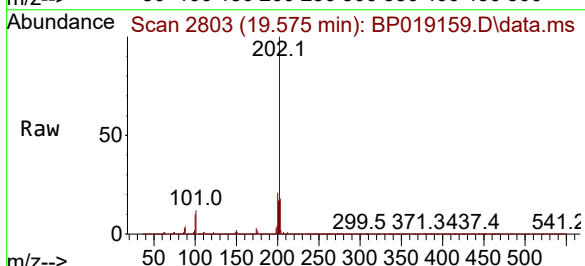
Instrument :
BNA_P
ClientSampleId :
SLCS080

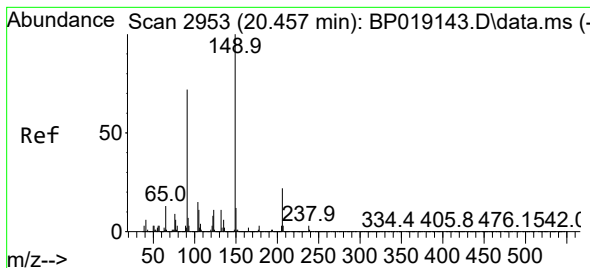
Tgt Ion:202 Resp: 2119180
Ion Ratio Lower Upper
202 100
101 9.8 7.8 11.6
100 7.4 6.0 9.0



#82
Pyrene
Concen: 32.712 ng/ul
RT: 19.575 min Scan# 2803
Delta R.T. -0.000 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

Tgt Ion:202 Resp: 2199080
Ion Ratio Lower Upper
202 100
101 11.6 9.2 13.8
100 9.6 7.8 11.6





#83

Butylbenzylphthalate

Concen: 35.786 ng/ul

RT: 20.457 min Scan# 2953

Delta R.T. -0.000 min

Lab File: BP019159.D

Acq: 29 Dec 2023 11:15

Instrument :

BNA_P

ClientSampleId :

SLCS080

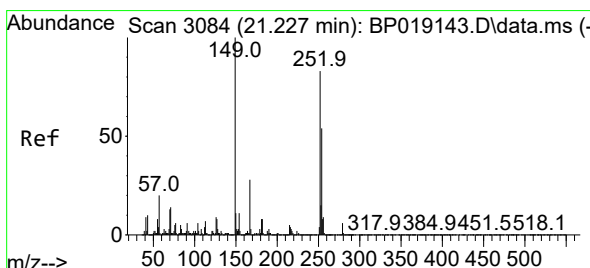
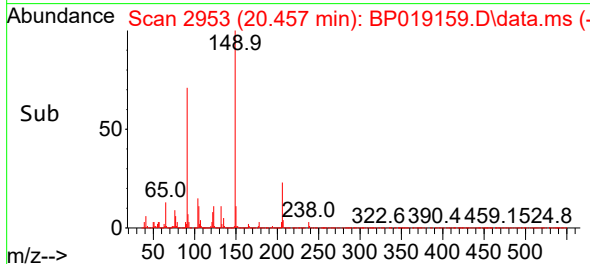
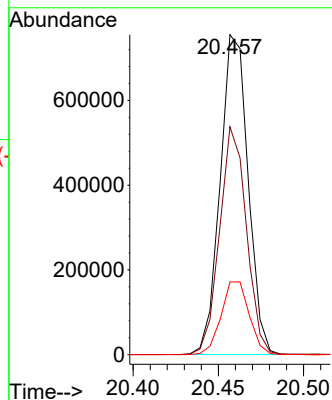
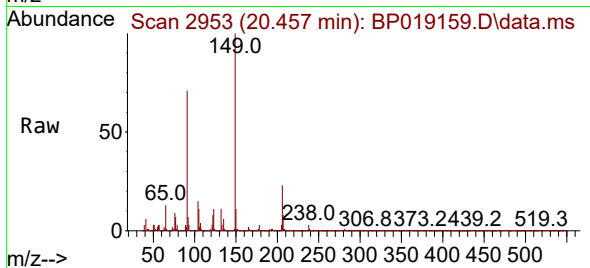
Tgt Ion:149 Resp: 859355

Ion Ratio Lower Upper

149 100

91 71.2 55.6 83.4

206 22.7 17.9 26.9



#84

3,3'-Dichlorobenzidine

Concen: 34.678 ng/ul

RT: 21.233 min Scan# 3085

Delta R.T. 0.006 min

Lab File: BP019159.D

Acq: 29 Dec 2023 11:15

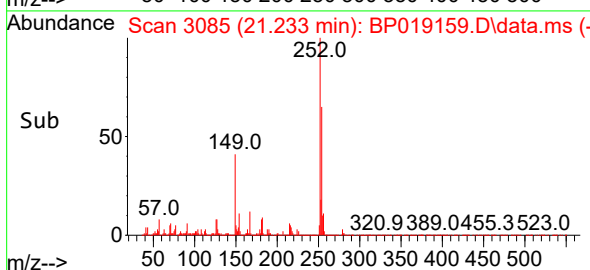
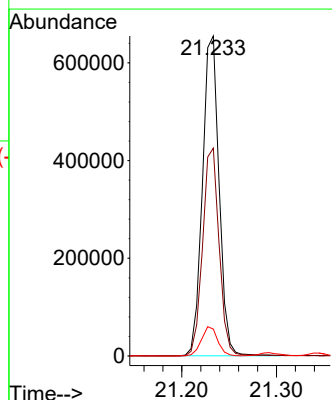
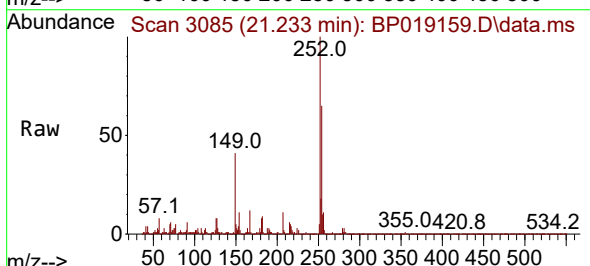
Tgt Ion:252 Resp: 795939

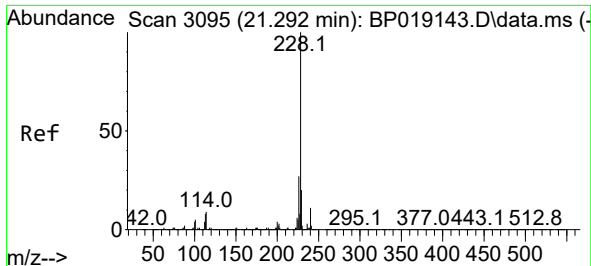
Ion Ratio Lower Upper

252 100

254 64.9 51.5 77.3

126 8.4 7.6 11.4

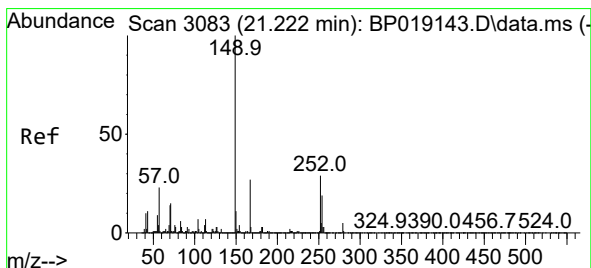
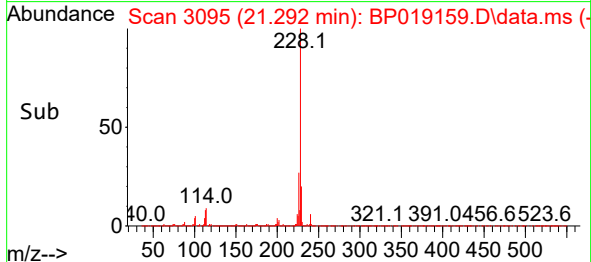
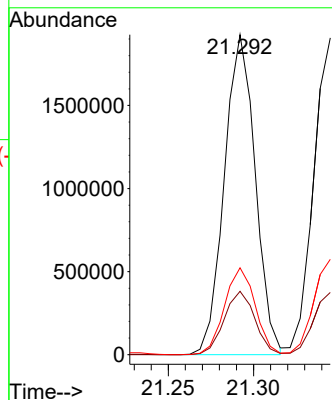
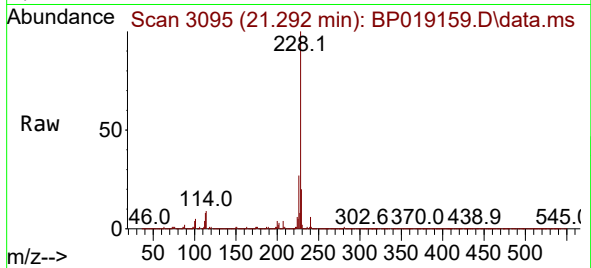




#85
Benzo(a)anthracene
Concen: 33.510 ng/ul
RT: 21.292 min Scan# 3095
Delta R.T. -0.000 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

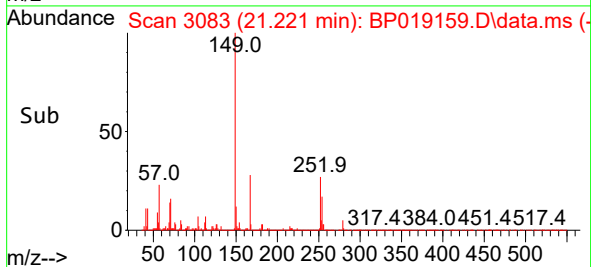
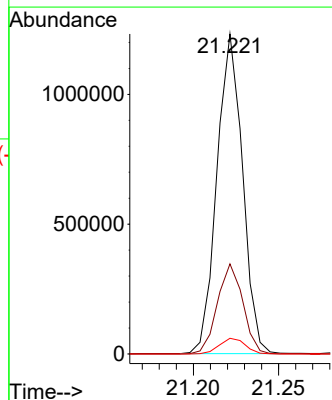
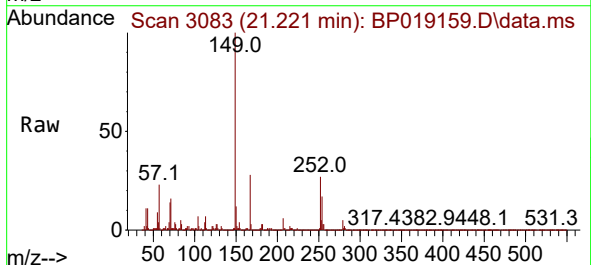
Instrument :
BNA_P
ClientSampleId :
SLCS080

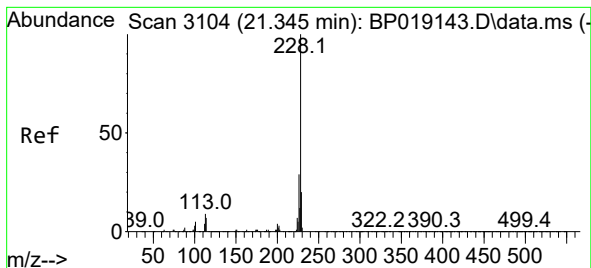
Tgt Ion:228 Resp: 2429194
Ion Ratio Lower Upper
228 100
229 19.8 15.5 23.3
226 27.1 21.9 32.9



#86
Bis(2-ethylhexyl)phthalate
Concen: 36.428 ng/ul
RT: 21.221 min Scan# 3083
Delta R.T. -0.000 min
Lab File: BP019159.D
Acq: 29 Dec 2023 11:15

Tgt Ion:149 Resp: 1288103
Ion Ratio Lower Upper
149 100
167 28.2 22.5 33.7
279 4.9 4.0 6.0





#87

Chrysene

Concen: 33.719 ng/ul

RT: 21.345 min Scan# 3104

Delta R.T. -0.000 min

Lab File: BP019159.D

Acq: 29 Dec 2023 11:15

Instrument :

BNA_P

ClientSampleId :

SLCS080

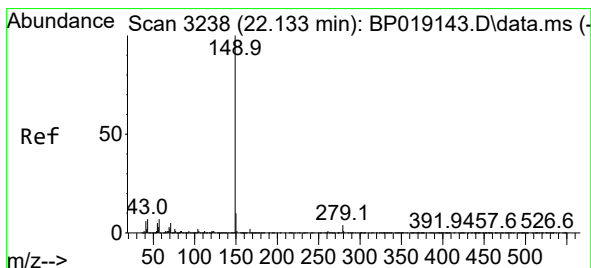
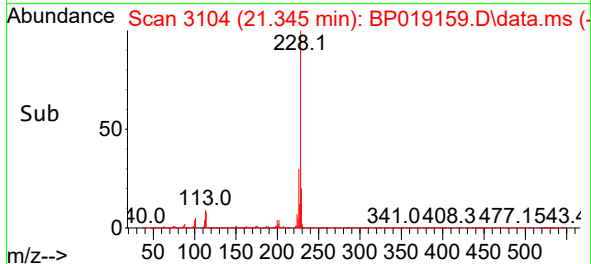
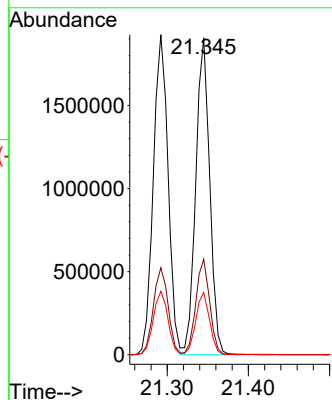
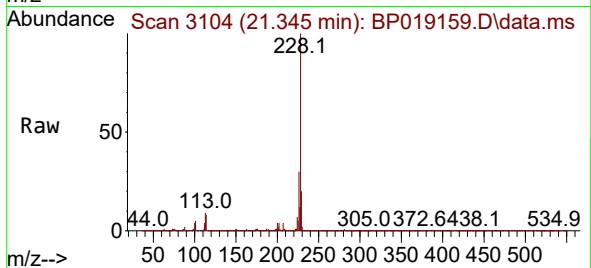
Tgt Ion:228 Resp: 2279341

Ion Ratio Lower Upper

228 100

226 30.1 23.4 35.2

229 19.6 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 36.377 ng/ul

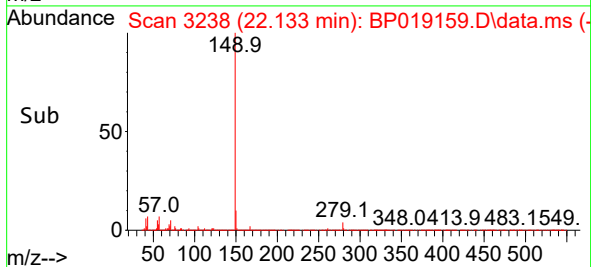
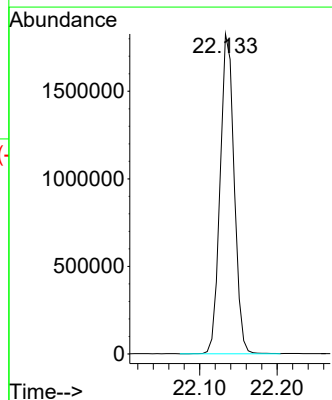
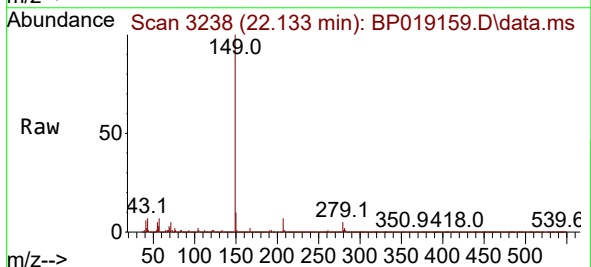
RT: 22.133 min Scan# 3238

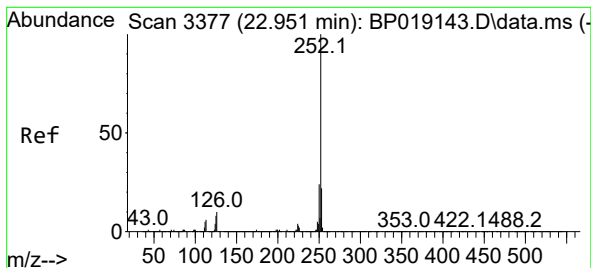
Delta R.T. -0.000 min

Lab File: BP019159.D

Acq: 29 Dec 2023 11:15

Tgt Ion:149 Resp: 2295646





#90

Benzo(b)fluoranthene

Concen: 33.177 ng/ul

RT: 22.951 min Scan# 3377

Delta R.T. -0.000 min

Lab File: BP019159.D

Acq: 29 Dec 2023 11:15

Instrument :

BNA_P

ClientSampleId :

SLCS080

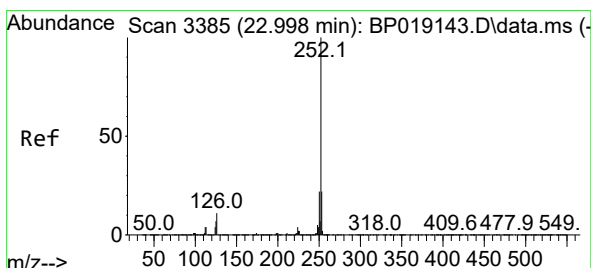
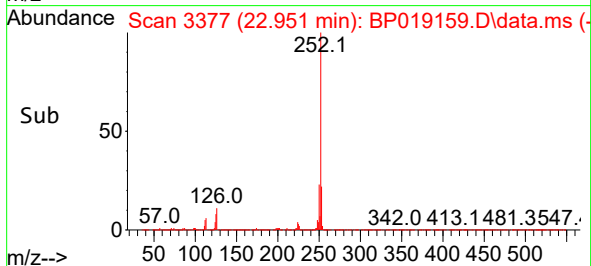
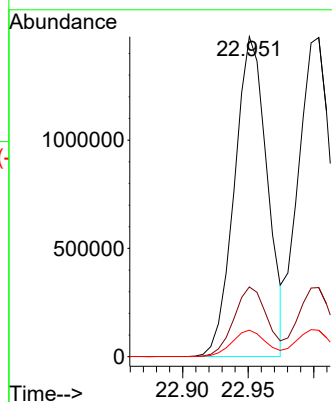
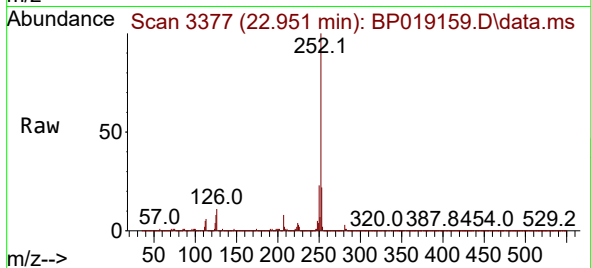
Tgt Ion:252 Resp: 2571688

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

125 8.3 6.8 10.2



#91

Benzo(k)fluoranthene

Concen: 33.912 ng/ul

RT: 23.004 min Scan# 3386

Delta R.T. 0.006 min

Lab File: BP019159.D

Acq: 29 Dec 2023 11:15

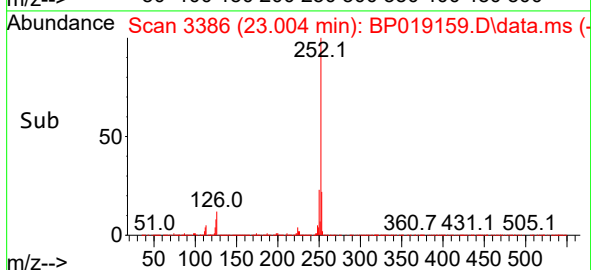
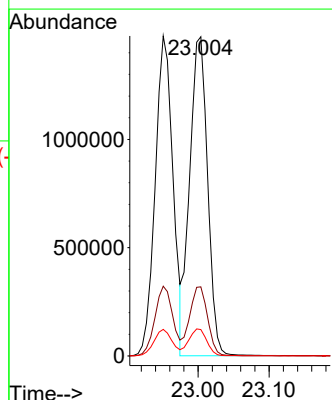
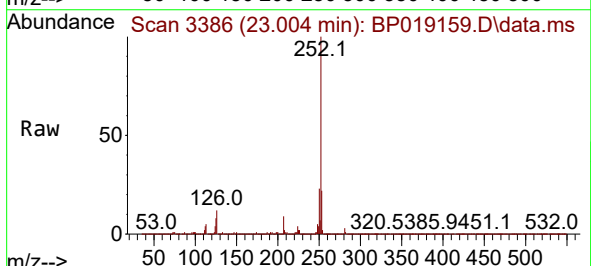
Tgt Ion:252 Resp: 2582968

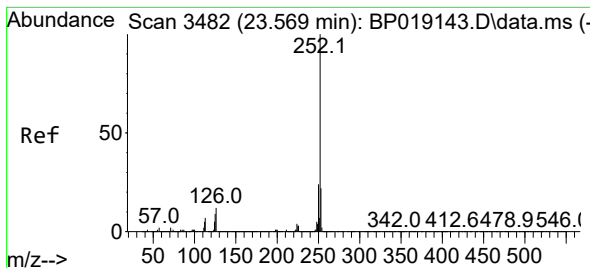
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 8.3 6.7 10.1





#93

Benzo(a)pyrene

Concen: 33.755 ng/ul

RT: 23.568 min Scan# 34

Delta R.T. -0.000 min

Lab File: BP019159.D

Acq: 29 Dec 2023 11:15

Instrument :

BNA_P

ClientSampleId :

SLCS080

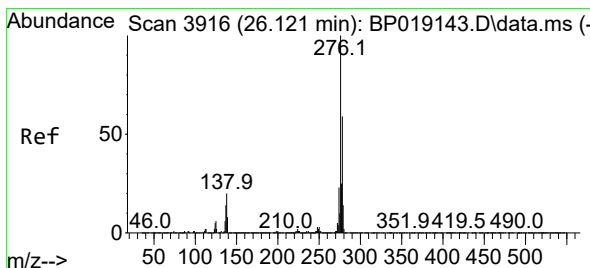
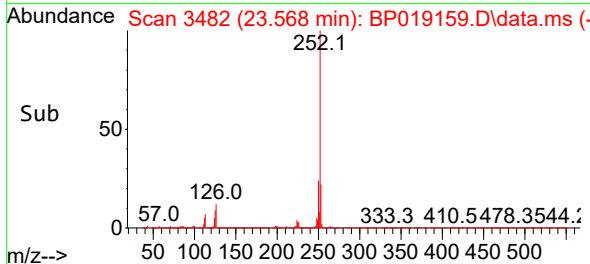
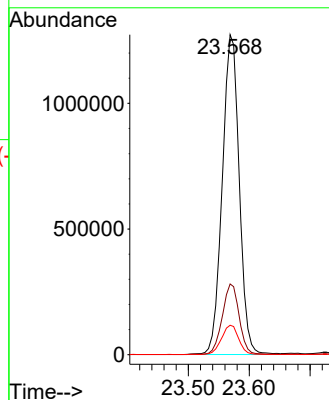
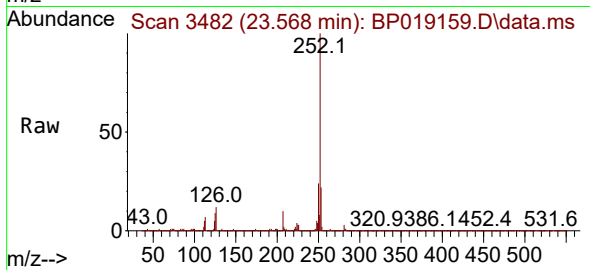
Tgt Ion:252 Resp: 2462678

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 9.2 7.4 11.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 33.994 ng/ul

RT: 26.133 min Scan# 3918

Delta R.T. 0.012 min

Lab File: BP019159.D

Acq: 29 Dec 2023 11:15

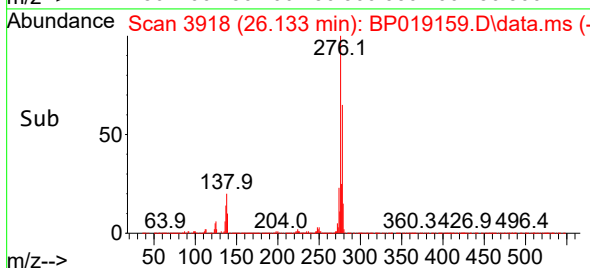
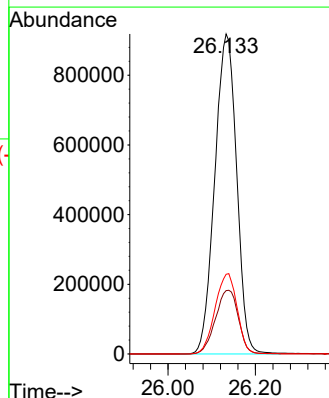
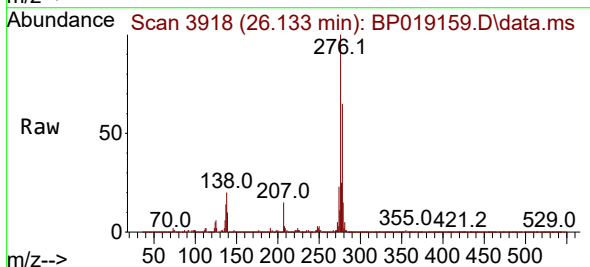
Tgt Ion:276 Resp: 3179253

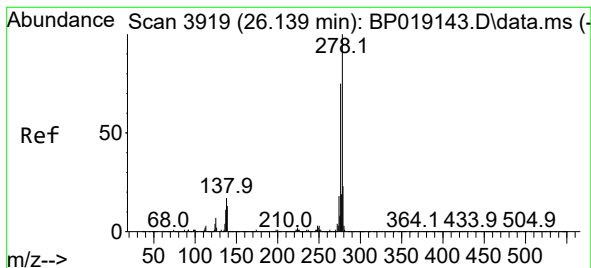
Ion Ratio Lower Upper

276 100

138 19.8 16.6 25.0

277 24.9 19.5 29.3





#95

Dibenzo(a,h)anthracene

Concen: 34.101 ng/ul

RT: 26.151 min Scan# 3919

Delta R.T. 0.012 min

Lab File: BP019159.D

Acq: 29 Dec 2023 11:15

Instrument :

BNA_P

ClientSampleId :

SLCS080

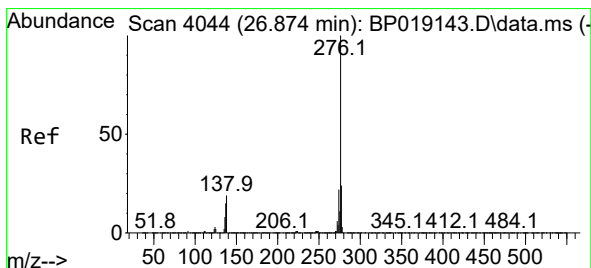
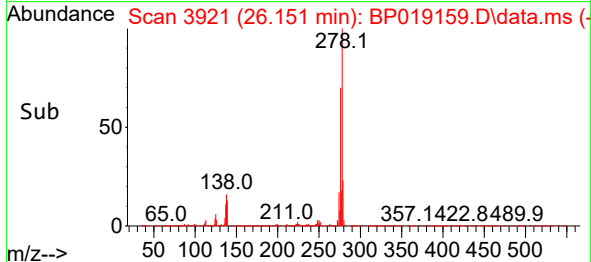
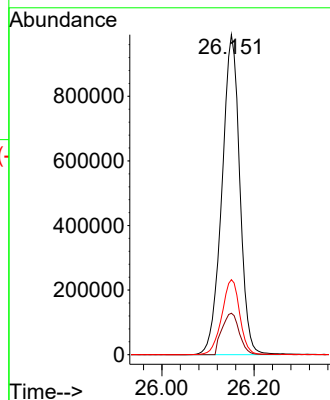
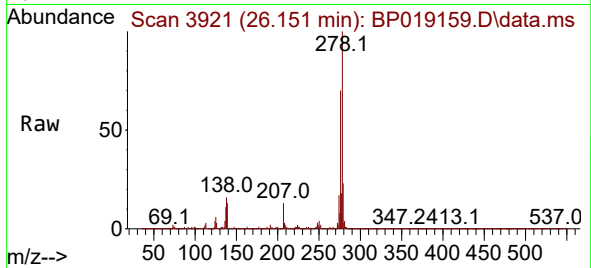
Tgt Ion:278 Resp: 2653157

Ion Ratio Lower Upper

278 100

139 12.9 11.0 16.4

279 23.5 19.2 28.8



#96

Benzo(g,h,i)perylene

Concen: 34.165 ng/ul

RT: 26.886 min Scan# 4046

Delta R.T. 0.012 min

Lab File: BP019159.D

Acq: 29 Dec 2023 11:15

Tgt Ion:276 Resp: 2560586

Ion Ratio Lower Upper

276 100

138 17.8 15.2 22.8

277 23.7 19.4 29.0

