

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122823\
 Data File : BP019157.D
 Acq On : 29 Dec 2023 10:07
 Operator : MA/JU
 Sample : PB158093BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS093

Quant Time: Dec 29 11:45:29 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	7.804	152	157868	20.000	ng/u1	0.00
20) Naphthalene-d8	10.598	136	583505	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	351356	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.204	188	787874	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	855565	20.000	ng/u1	0.00
88) Perylene-d12	23.668	264	1032753	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	33093	7.159	ng/uL	0.00
4) Pyridine-d5	3.652	84	423947	36.541	ng/u1	0.00
7) Phenol-d5	6.981	99	492109	34.760	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	293315	35.813	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	398294	34.898	ng/u1	0.00
15) 4-Methylphenol-d8	8.522	113	376524	34.161	ng/u1	0.00
21) Nitrobenzene-d5	8.969	128	183133	36.307	ng/u1	0.00
24) 2-Nitrophenol-d4	9.687	143	202864	37.214	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	400918	36.421	ng/u1	0.00
31) 4-Chloroaniline-d4	10.746	131	456041	33.681	ng/u1	0.00
46) Dimethylphthalate-d6	13.863	166	1074210	34.613	ng/u1	0.00
49) Acenaphthylene-d8	14.139	160	1223426	36.331	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	187149	35.711	ng/u1	0.00
60) Fluorene-d10	15.445	176	933190	34.806	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	191455	37.067	ng/u1	0.00
73) Anthracene-d10	17.304	188	1470392	35.737	ng/u1	0.00
81) Pyrene-d10	19.545	212	1862284	35.716	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.521	264	2172735	36.601	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.269	88	64097	12.612	ng/uL	98
5) Pyridine	3.669	79	414331	35.182	ng/u1	97
6) Benzaldehyde	6.946	77	258624	39.345	ng/u1	97
8) Phenol	7.005	94	483291	34.562	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.234	93	400618	35.408	ng/u1	98
12) 2-Chlorophenol	7.369	128	396496	33.942	ng/u1	99
13) 2-Methylphenol	8.257	108	355142	34.332	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.334	45	467479	35.025	ng/u1	99
16) Acetophenone	8.634	105	562359	34.066	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.622	70	266865	32.420	ng/u1	96
18) 4-Methylphenol	8.587	108	376281	33.794	ng/u1	98
19) Hexachloroethane	8.875	117	171004	34.901	ng/u1	97
22) Nitrobenzene	9.010	77	426082	34.576	ng/u1	98
23) Isophorone	9.540	82	755576	34.002	ng/u1	100
25) 2-Nitrophenol	9.722	139	210521	36.169	ng/u1	95
26) 2,4-Dimethylphenol	9.787	107	365353	35.655	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.022	93	499117	33.983	ng/u1	100
29) 2,4-Dichlorophenol	10.251	162	373417	34.714	ng/u1	99
30) Naphthalene	10.651	128	1190199	33.831	ng/u1	100
32) 4-Chloroaniline	10.769	127	398929	30.705	ng/u1	99
33) Hexachlorobutadiene	10.928	225	294485	35.572	ng/u1	98
34) Caprolactam	11.557	113	102829	36.190	ng/u1	99
35) 4-Chloro-3-methylphenol	11.904	107	361679	34.251	ng/u1	100
36) 2-Methylnaphthalene	12.263	142	803797	33.888	ng/u1	100

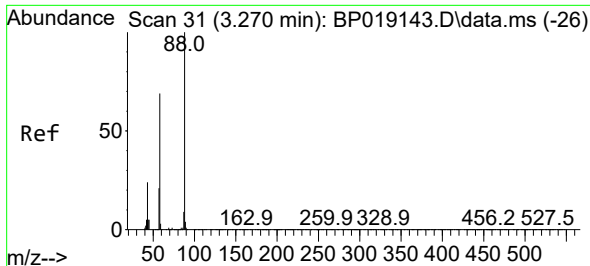
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.487	142	788999	32.986	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.634	216	511572	35.352	ng/ul	99
40) Hexachlorocyclopentadiene	12.610	237	295828	36.831	ng/ul	98
41) 2,4,6-Trichlorophenol	12.881	196	303158	35.104	ng/ul	99
42) 2,4,5-Trichlorophenol	12.951	196	326660	35.634	ng/ul	98
43) 1,1'-Biphenyl	13.281	154	1039847	33.927	ng/ul	100
44) 2-Chloronaphthalene	13.322	162	838117	34.079	ng/ul	100
45) 2-Nitroaniline	13.534	65	211585	35.837	ng/ul	95
47) Dimethylphthalate	13.910	163	1035143	33.790	ng/ul	99
48) 2,6-Dinitrotoluene	14.034	165	205998	36.594	ng/ul	97
50) Acenaphthylene	14.169	152	1326002	34.999	ng/ul	100
51) 3-Nitroaniline	14.363	138	186977	33.975	ng/ul	99
52) Acenaphthene	14.510	153	871849	33.953	ng/ul	100
53) 2,4-Dinitrophenol	14.575	184	114474	31.565	ng/ul	95
55) 4-Nitrophenol	14.681	109	144884	34.593	ng/ul	94
56) Dibenzofuran	14.845	168	1240979	33.842	ng/ul	99
57) 2,4-Dinitrotoluene	14.822	165	302510	36.540	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.075	232	289688	36.169	ng/ul	100
59) Diethylphthalate	15.281	149	1016099	34.209	ng/ul	99
61) Fluorene	15.498	166	991722	33.789	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.498	204	544112	33.947	ng/ul	98
63) 4-Nitroaniline	15.528	138	208097	37.583	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.586	198	196333	35.901	ng/ul	99
67) N-Nitrosodiphenylamine	15.716	169	846628	35.209	ng/ul	99
68) 4-Bromophenyl-phenylether	16.392	248	354721	36.223	ng/ul	99
69) Hexachlorobenzene	16.498	284	423609	35.397	ng/ul	98
70) Atrazine	16.675	200	312062	45.986	ng/ul	99
71) Pentachlorophenol	16.851	266	256058	36.443	ng/ul	97
72) Phenanthrene	17.245	178	1644162	34.435	ng/ul	99
74) Anthracene	17.339	178	1671413	35.163	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.239	216	490664	35.817	ng/ul	99
76) Pentachlorobenzene	14.763	250	477943	35.110	ng/ul	99
77) Carbazole	17.616	167	1483287	37.515	ng/ul	100
78) Di-n-butylphthalate	18.169	149	1791308	36.530	ng/ul	100
80) Fluoranthene	19.222	202	2085779	34.860	ng/ul	100
82) Pyrene	19.574	202	2176897	34.726	ng/ul	100
83) Butylbenzylphthalate	20.457	149	851955	38.047	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.233	252	767085	35.841	ng/ul	99
85) Benzo(a)anthracene	21.292	228	2378484	35.186	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.221	149	1273658	38.627	ng/ul	100
87) Chrysene	21.345	228	2233047	35.426	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	2381213	40.320	ng/ul	100
90) Benzo(b)fluoranthene	22.951	252	2544614	35.078	ng/ul	100
91) Benzo(k)fluoranthene	22.998	252	2508594	35.193	ng/ul	99
93) Benzo(a)pyrene	23.568	252	2416026	35.386	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.127	276	3097721	35.392	ng/ul	99
95) Dibenzo(a,h)anthracene	26.145	278	2582320	35.466	ng/ul	99
96) Benzo(g,h,i)perylene	26.886	276	2484504	35.422	ng/ul	98

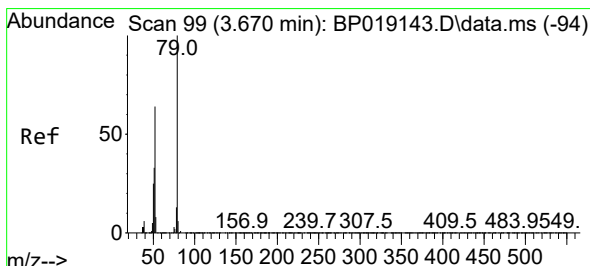
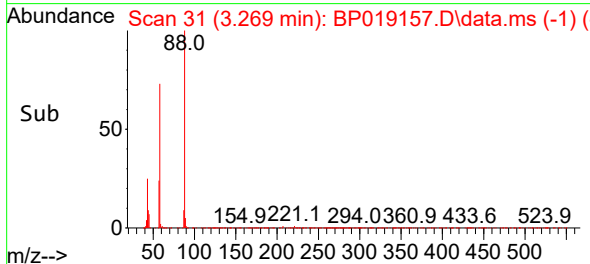
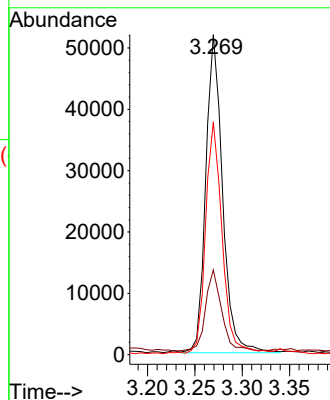
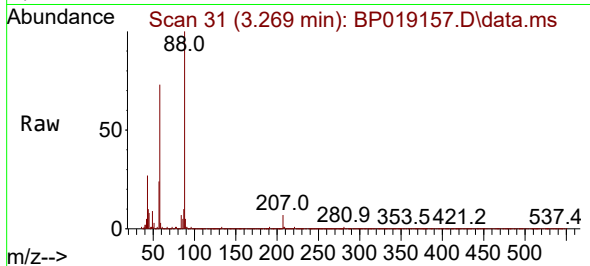
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#2
1,4-Dioxane
Concen: 12.612 ng/uL
RT: 3.269 min Scan# 31
Delta R.T. -0.000 min
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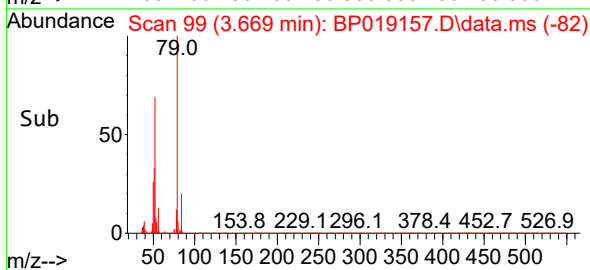
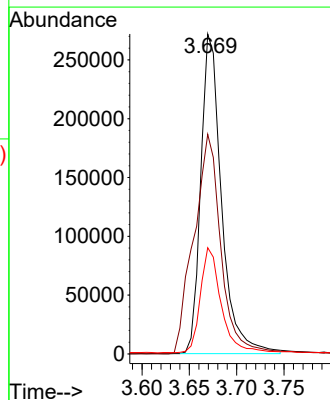
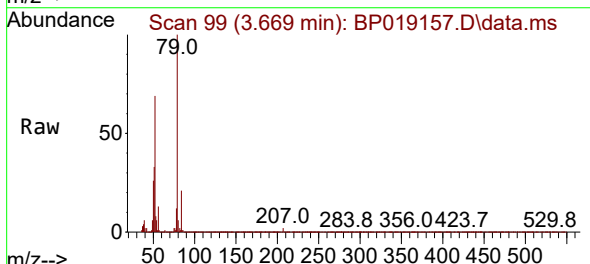
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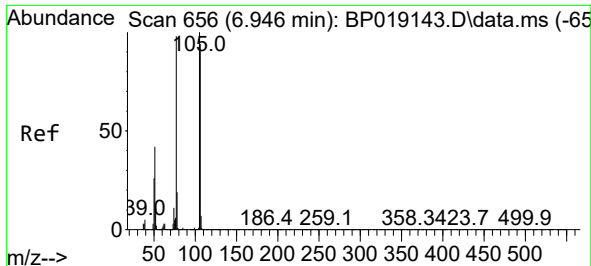
Tgt Ion: 88 Resp: 64097
Ion Ratio Lower Upper
88 100
43 26.5 21.0 31.4
58 72.7 56.6 84.8



#5
Pyridine
Concen: 35.182 ng/uL
RT: 3.669 min Scan# 99
Delta R.T. -0.000 min
Lab File: BP019157.D
Acq: 29 Dec 2023 10:07

Tgt Ion: 79 Resp: 414331
Ion Ratio Lower Upper
79 100
52 68.6 52.4 78.6
51 33.2 25.9 38.9

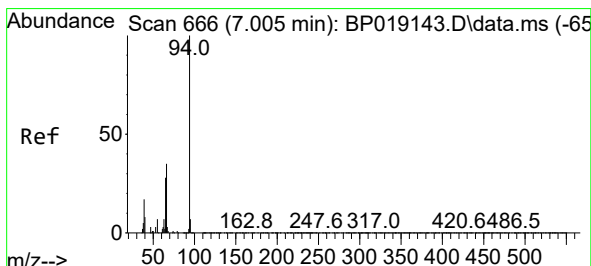
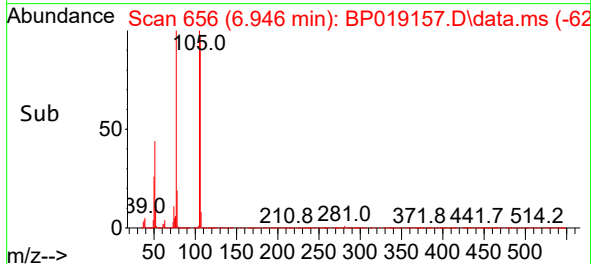
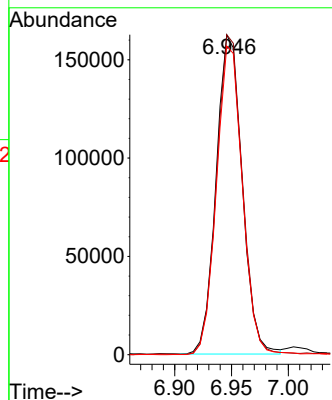
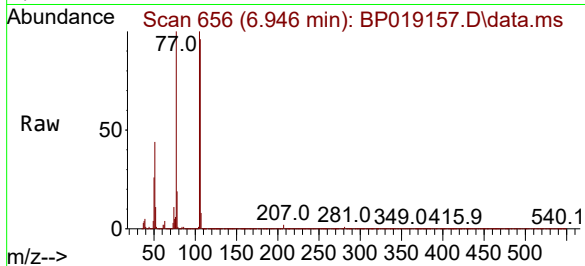




#6
Benzaldehyde
Concen: 39.345 ng/ul
RT: 6.946 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP019157.D
Acq: 29 Dec 2023 10:07

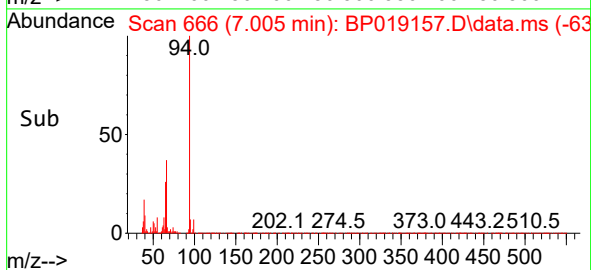
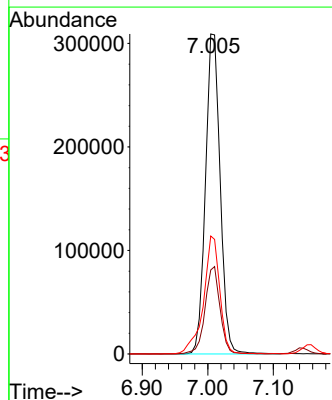
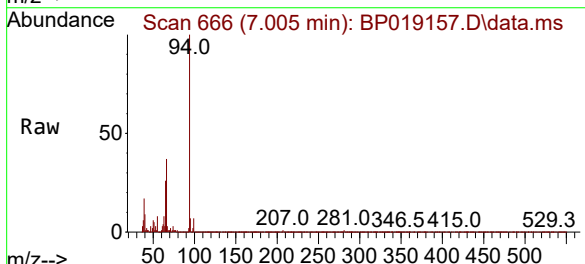
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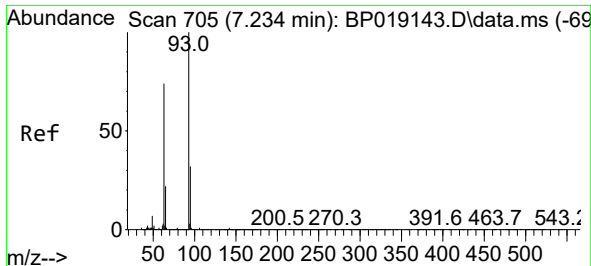
Tgt Ion: 77 Resp: 258624
Ion Ratio Lower Upper
77 100
105 100.1 78.6 117.8
106 96.5 74.8 112.2



#8
Phenol
Concen: 34.562 ng/ul
RT: 7.005 min Scan# 666
Delta R.T. -0.000 min
Lab File: BP019157.D
Acq: 29 Dec 2023 10:07

Tgt Ion: 94 Resp: 483291
Ion Ratio Lower Upper
94 100
65 26.2 21.1 31.7
66 36.9 29.3 43.9

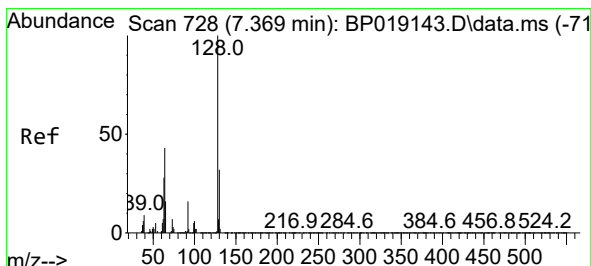
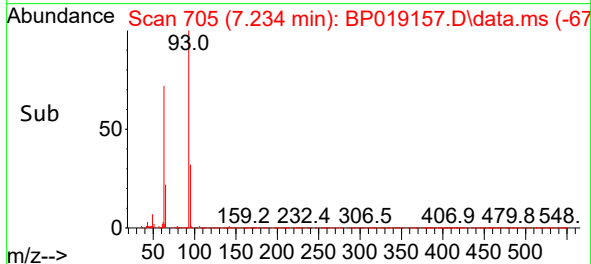
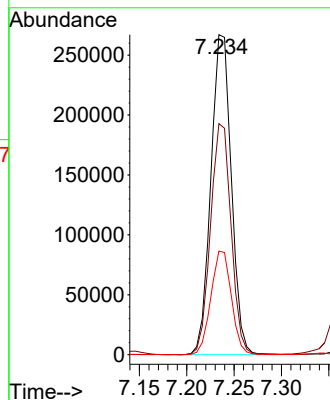
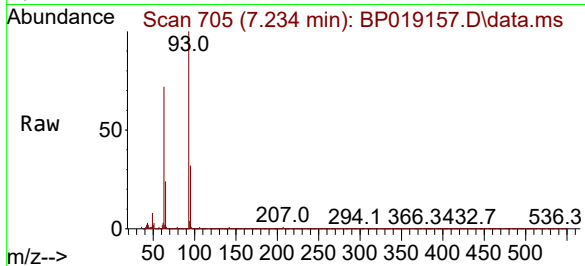




#10
Bis(2-Chloroethyl)ether
Concen: 35.408 ng/ul
RT: 7.234 min Scan# 705
Delta R.T. -0.000 min
Lab File: BP019157.D
Acq: 29 Dec 2023 10:07

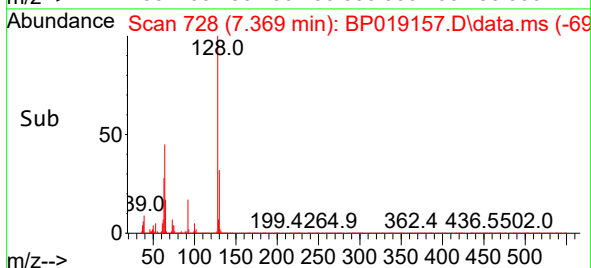
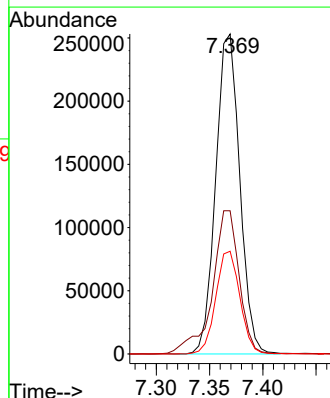
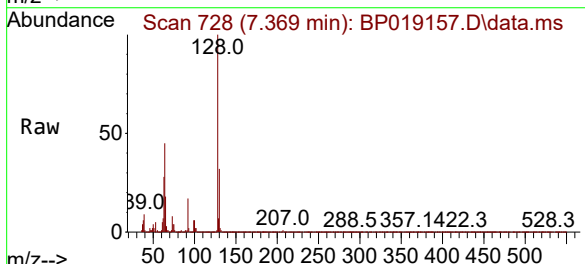
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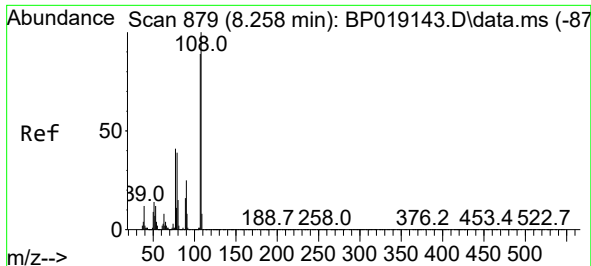
Tgt Ion: 93 Resp: 400618
Ion Ratio Lower Upper
93 100
63 72.2 59.4 89.0
95 32.4 26.6 40.0



#12
2-Chlorophenol
Concen: 33.942 ng/ul
RT: 7.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BP019157.D
Acq: 29 Dec 2023 10:07

Tgt Ion:128 Resp: 396496
Ion Ratio Lower Upper
128 100
64 44.7 35.9 53.9
130 32.1 25.3 37.9

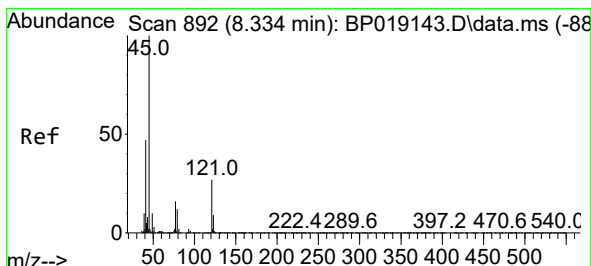
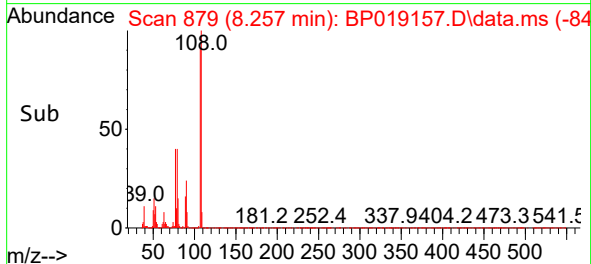
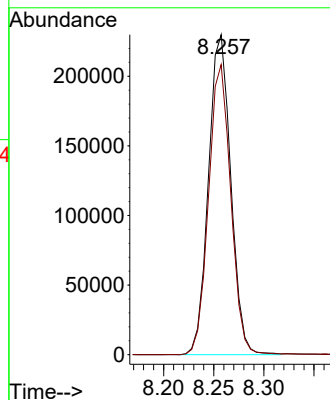
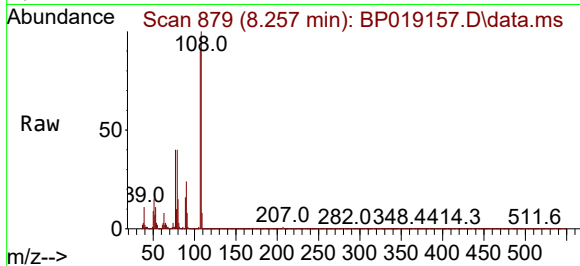




#13
2-Methylphenol
Concen: 34.332 ng/ul
RT: 8.257 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP019157.D
Acq: 29 Dec 2023 10:07

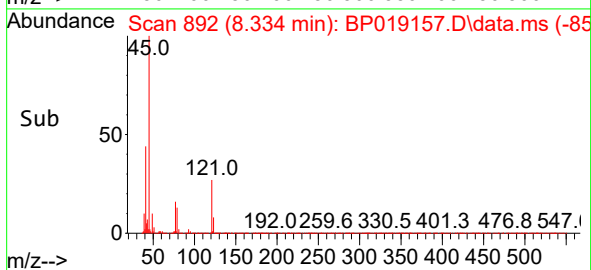
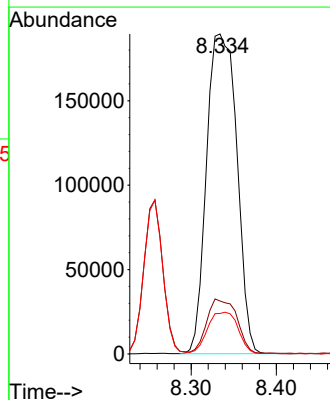
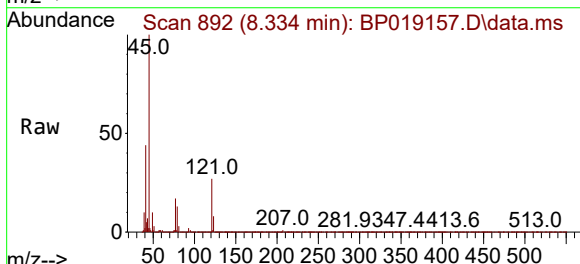
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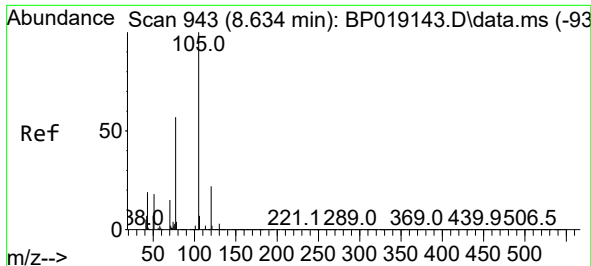
Tgt Ion:108 Resp: 355142
Ion Ratio Lower Upper
108 100
107 90.6 72.6 109.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 35.025 ng/ul
RT: 8.334 min Scan# 892
Delta R.T. -0.000 min
Lab File: BP019157.D
Acq: 29 Dec 2023 10:07

Tgt Ion: 45 Resp: 467479
Ion Ratio Lower Upper
45 100
77 16.6 13.6 20.4
79 12.7 9.7 14.5

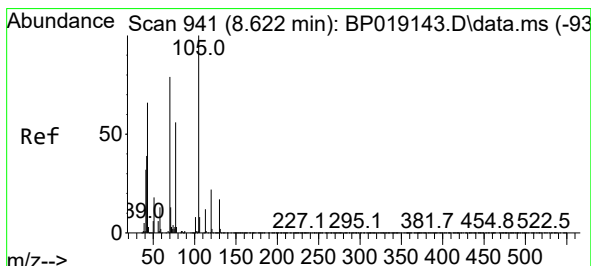
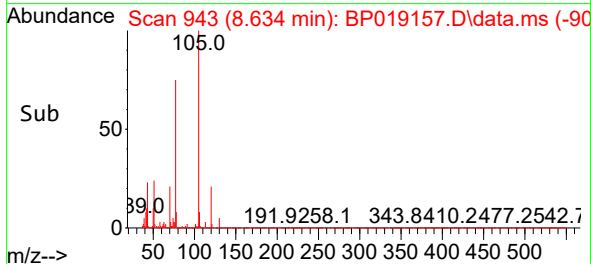
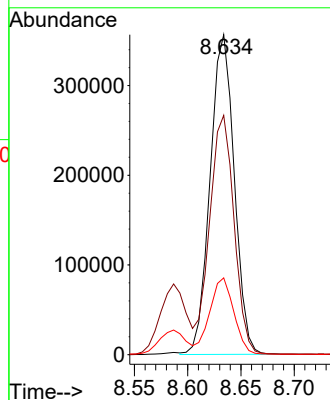
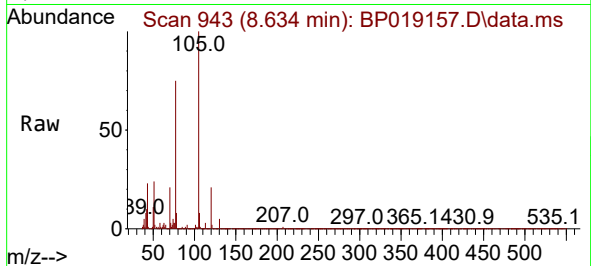




#16
Acetophenone
Concen: 34.066 ng/ul
RT: 8.634 min Scan# 943
Delta R.T. -0.000 min
Lab File: BP019157.D
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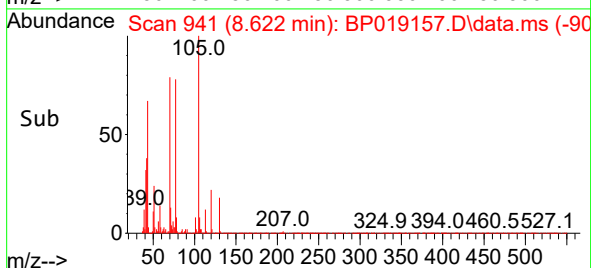
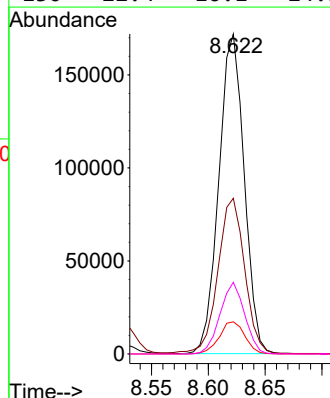
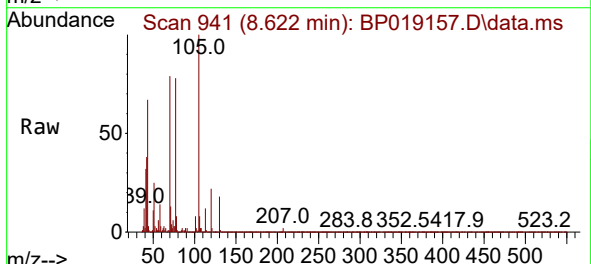
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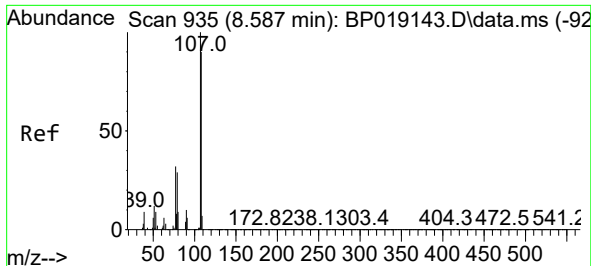
Tgt Ion:105 Resp: 562359
Ion Ratio Lower Upper
105 100
77 74.8 59.8 89.6
51 24.0 19.3 28.9



#17
N-Nitroso-di-n-propylamine
Concen: 32.420 ng/ul
RT: 8.622 min Scan# 941
Delta R.T. -0.000 min
Lab File: BP019157.D
Acq: 29 Dec 2023 10:07

Tgt Ion: 70 Resp: 266865
Ion Ratio Lower Upper
70 100
42 48.6 40.6 61.0
101 10.1 7.3 10.9
130 22.4 16.1 24.1

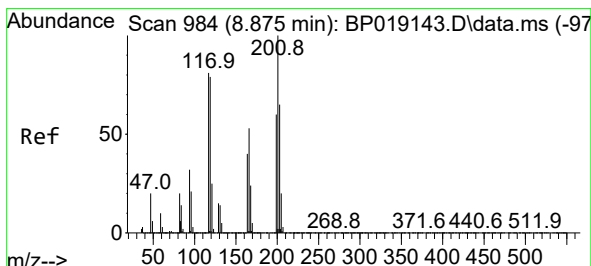
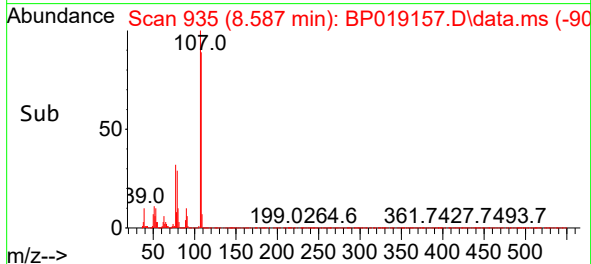
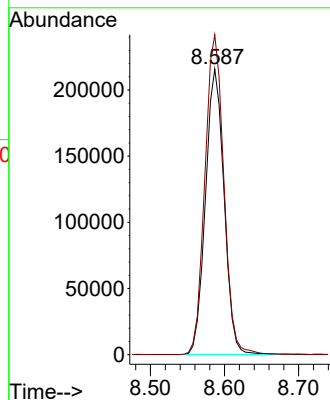
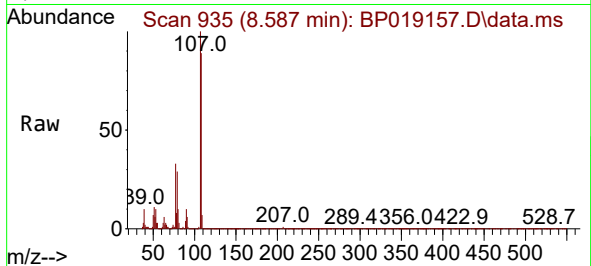




#18
4-Methylphenol
Concen: 33.794 ng/ul
RT: 8.587 min Scan# 911
Delta R.T. -0.000 min
Lab File: BP019157.D
Acq: 29 Dec 2023 10:07

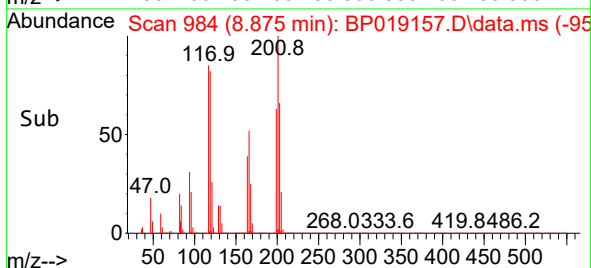
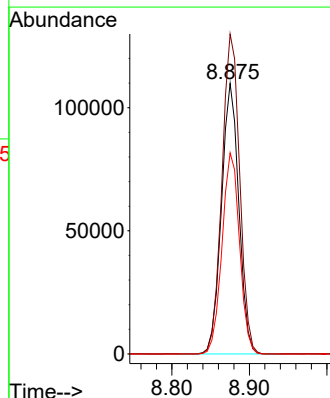
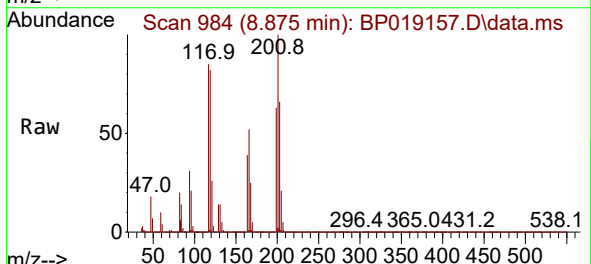
Instrument :
BNA_P
ClientSampleId :
SLCS093

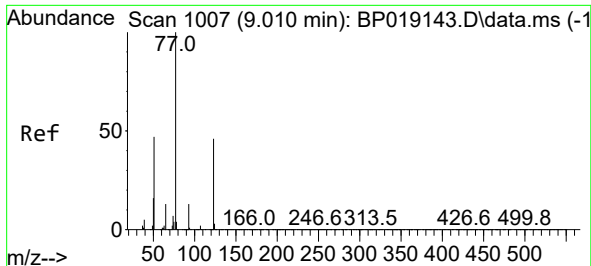
Tgt Ion:108 Resp: 376281
Ion Ratio Lower Upper
108 100
107 112.0 88.1 132.1



#19
Hexachloroethane
Concen: 34.901 ng/ul
RT: 8.875 min Scan# 984
Delta R.T. -0.000 min
Lab File: BP019157.D
Acq: 29 Dec 2023 10:07

Tgt Ion:117 Resp: 171004
Ion Ratio Lower Upper
117 100
201 118.3 92.5 138.7
199 74.3 56.9 85.3

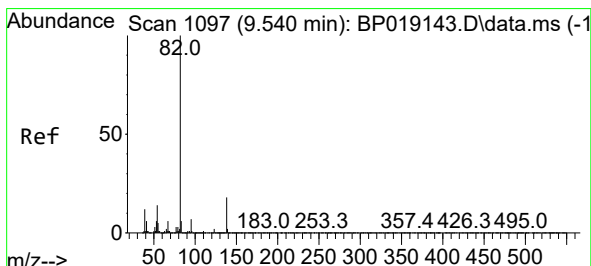
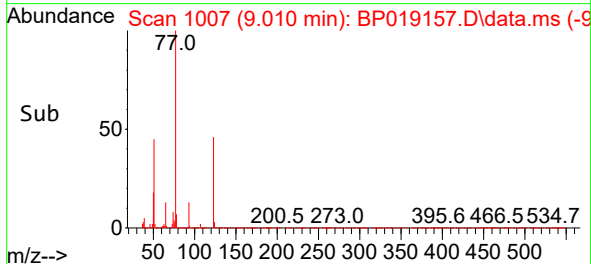
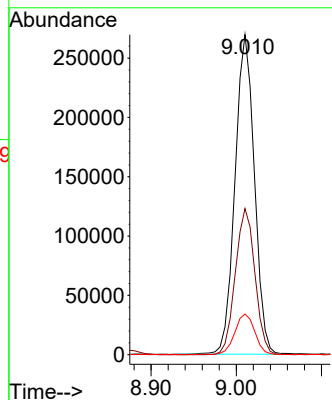
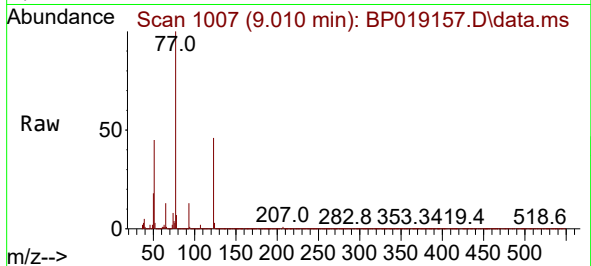




#22
Nitrobenzene
Concen: 34.576 ng/ul
RT: 9.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BP019157.D
Acq: 29 Dec 2023 10:07

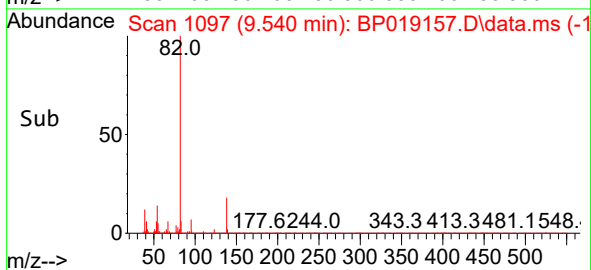
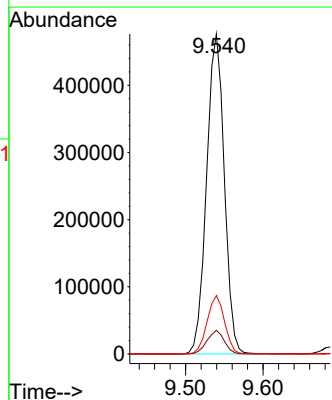
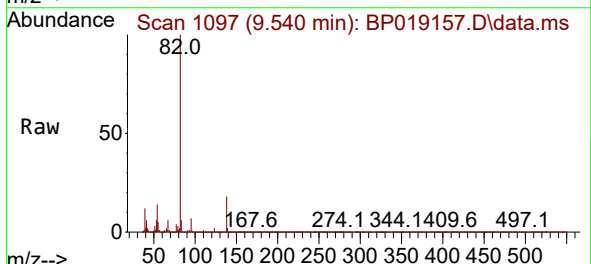
Instrument :
BNA_P
ClientSampleId :
SLCS093

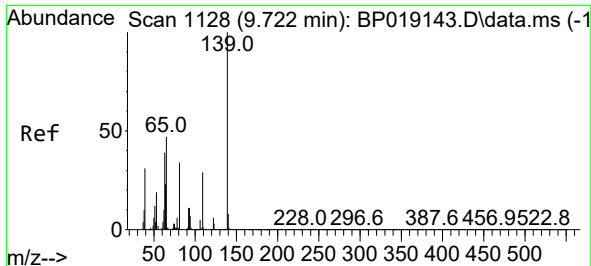
Tgt Ion: 77 Resp: 426082
Ion Ratio Lower Upper
77 100
123 45.7 35.5 53.3
65 12.7 10.3 15.5



#23
Isophorone
Concen: 34.002 ng/ul
RT: 9.540 min Scan# 1097
Delta R.T. -0.000 min
Lab File: BP019157.D
Acq: 29 Dec 2023 10:07

Tgt Ion: 82 Resp: 755576
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 18.2 14.7 22.1

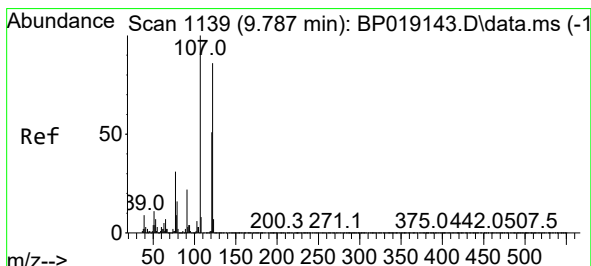
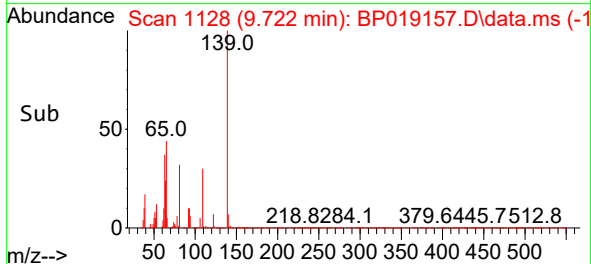
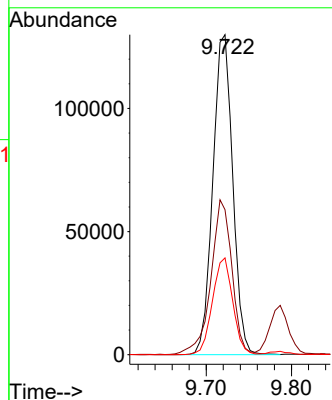
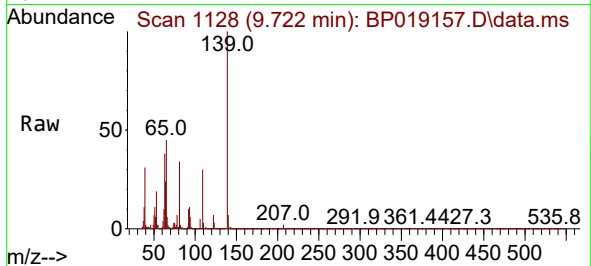




#25
2-Nitrophenol
Concen: 36.169 ng/ul
RT: 9.722 min Scan# 1128
Delta R.T. -0.000 min
Lab File: BP019157.D
Acq: 29 Dec 2023 10:07

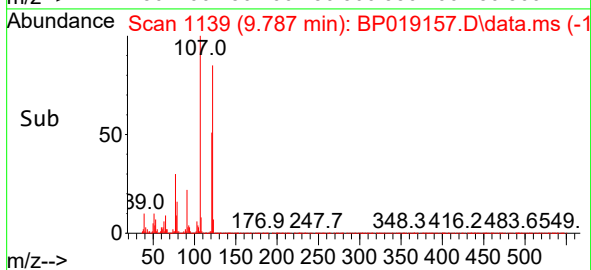
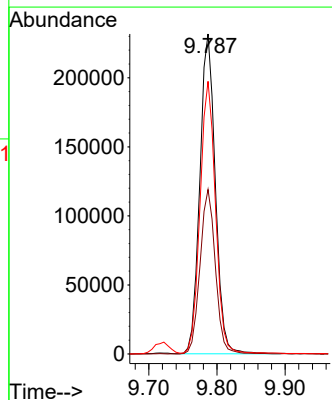
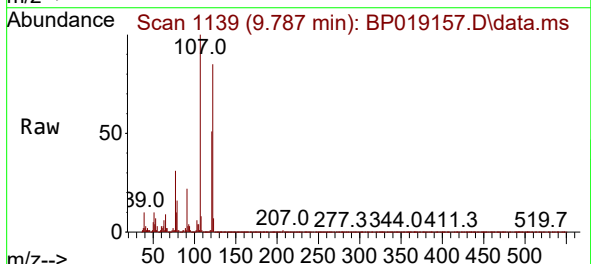
Instrument :
BNA_P
ClientSampleId :
SLCS093

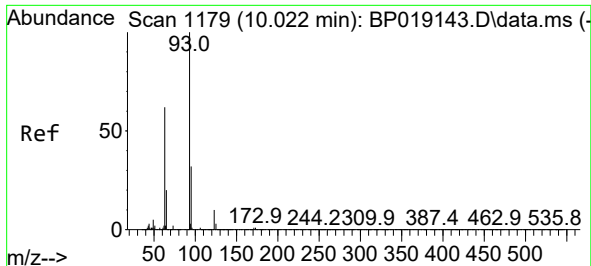
Tgt Ion:139 Resp: 210521
Ion Ratio Lower Upper
139 100
65 45.3 38.8 58.2
109 30.3 26.2 39.2



#26
2,4-Dimethylphenol
Concen: 35.655 ng/ul
RT: 9.787 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BP019157.D
Acq: 29 Dec 2023 10:07

Tgt Ion:107 Resp: 365353
Ion Ratio Lower Upper
107 100
121 51.4 39.8 59.6
122 85.2 66.4 99.6

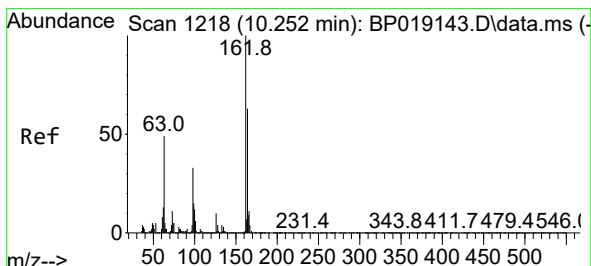
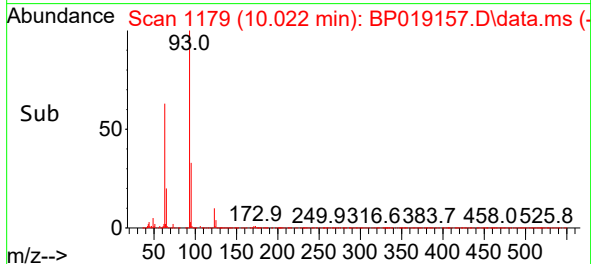
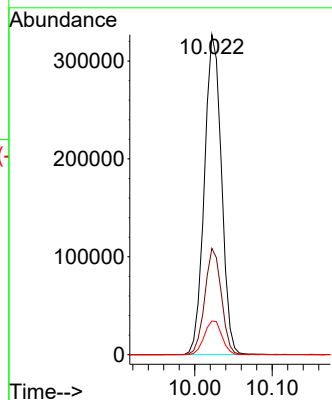
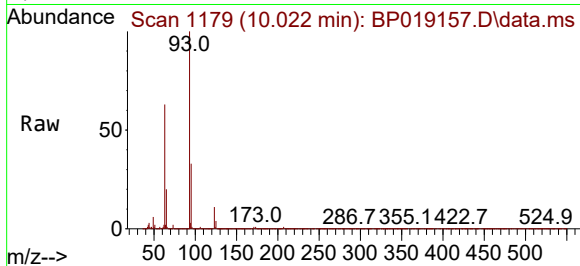




#27
Bis(2-Chloroethoxy)methane
Concen: 33.983 ng/ul
RT: 10.022 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BP019157.D
Acq: 29 Dec 2023 10:07

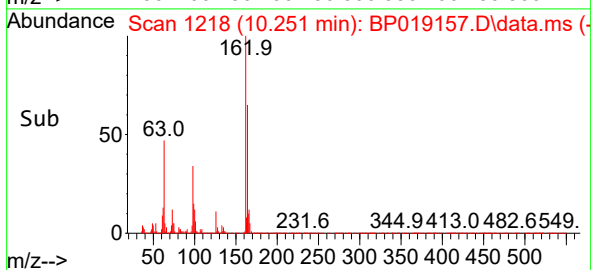
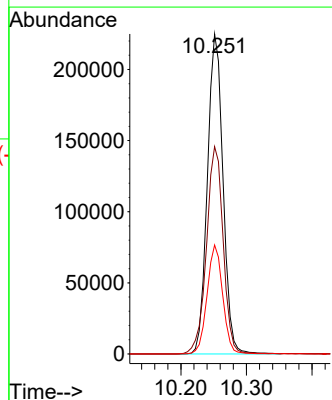
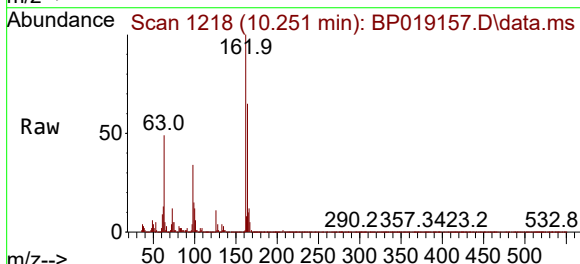
Instrument :
BNA_P
ClientSampleId :
SLCS093

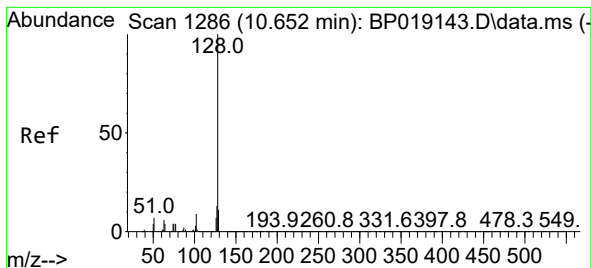
Tgt Ion: 93 Resp: 499117
Ion Ratio Lower Upper
93 100
95 33.2 26.7 40.1
123 10.5 8.5 12.7



#29
2,4-Dichlorophenol
Concen: 34.714 ng/ul
RT: 10.251 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BP019157.D
Acq: 29 Dec 2023 10:07

Tgt Ion: 162 Resp: 373417
Ion Ratio Lower Upper
162 100
164 64.8 52.6 78.8
98 34.1 26.7 40.1





#30

Naphthalene

Concen: 33.831 ng/ul

RT: 10.651 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP019157.D

Acq: 29 Dec 2023 10:07

Instrument :

BNA_P

ClientSampleId :

SLCS093

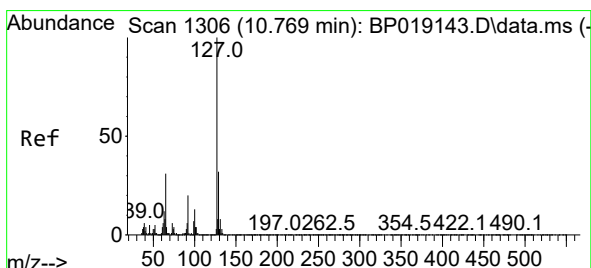
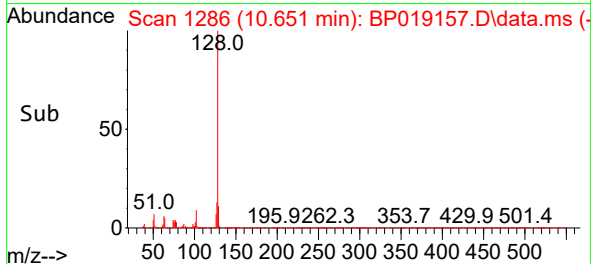
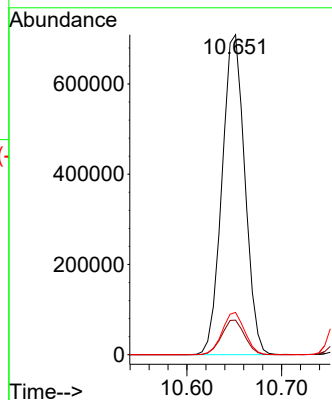
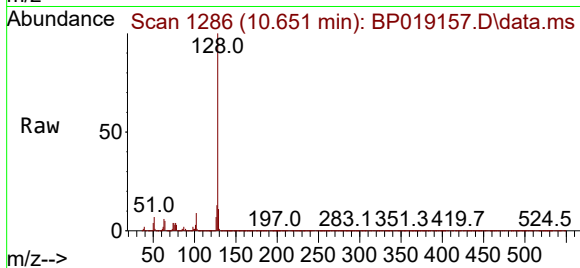
Tgt Ion:128 Resp: 1190199

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

127 13.2 10.6 15.8



#32

4-Chloroaniline

Concen: 30.705 ng/ul

RT: 10.769 min Scan# 1306

Delta R.T. -0.000 min

Lab File: BP019157.D

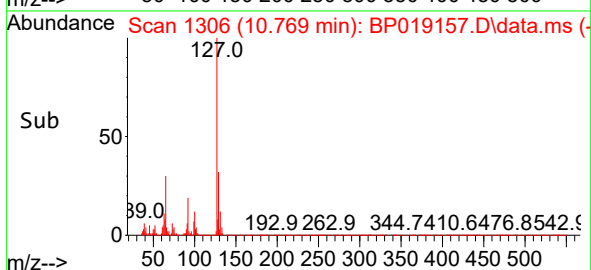
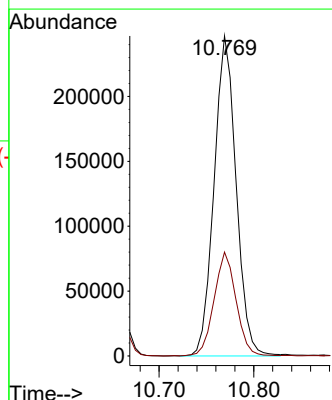
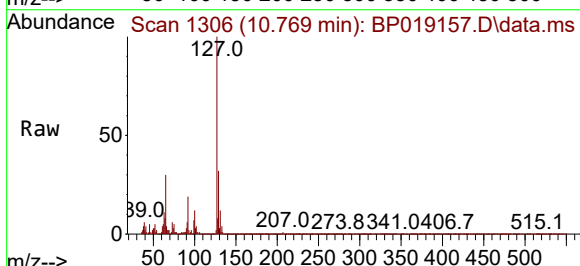
Acq: 29 Dec 2023 10:07

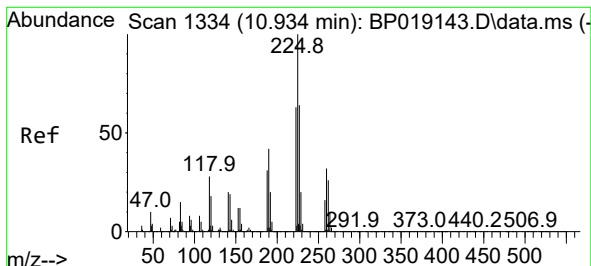
Tgt Ion:127 Resp: 398929

Ion Ratio Lower Upper

127 100

129 32.5 25.6 38.4

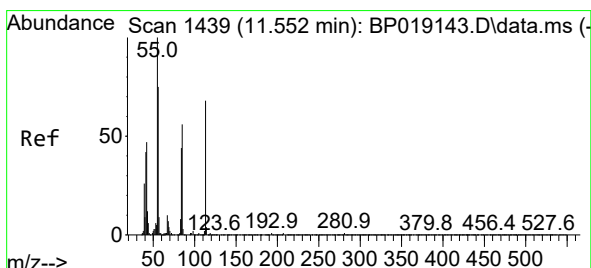
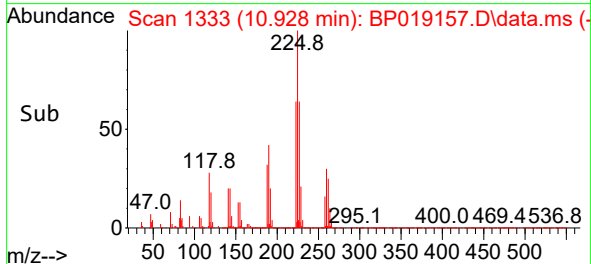
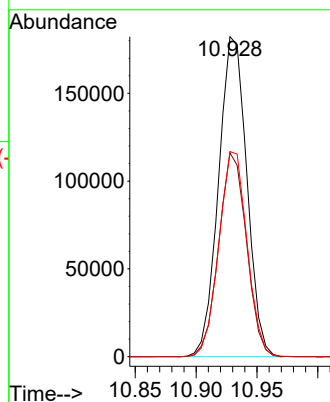
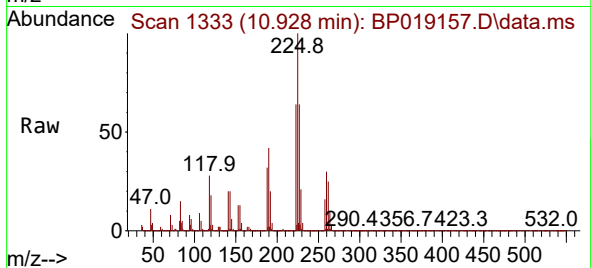




#33
Hexachlorobutadiene
Concen: 35.572 ng/ul
RT: 10.928 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019157.D
Acq: 29 Dec 2023 10:07

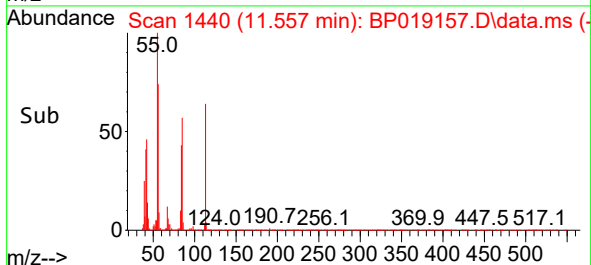
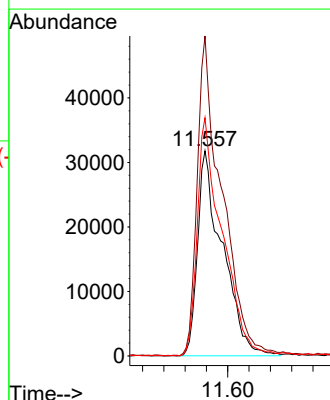
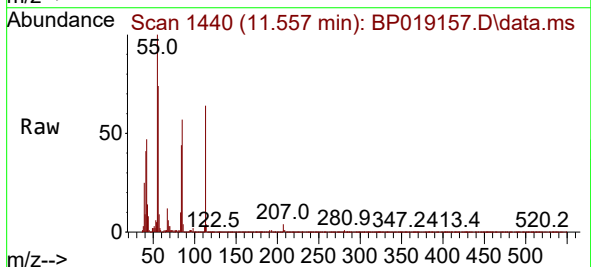
Instrument :
BNA_P
ClientSampleId :
SLCS093

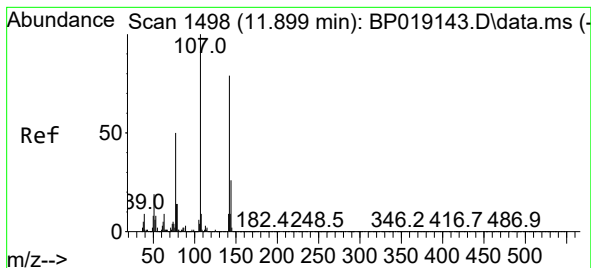
Tgt Ion:225 Resp: 294485
Ion Ratio Lower Upper
225 100
223 63.7 50.5 75.7
227 64.1 53.0 79.4



#34
Caprolactam
Concen: 36.190 ng/ul
RT: 11.557 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BP019157.D
Acq: 29 Dec 2023 10:07

Tgt Ion:113 Resp: 102829
Ion Ratio Lower Upper
113 100
55 156.0 122.6 184.0
56 116.1 93.0 139.4

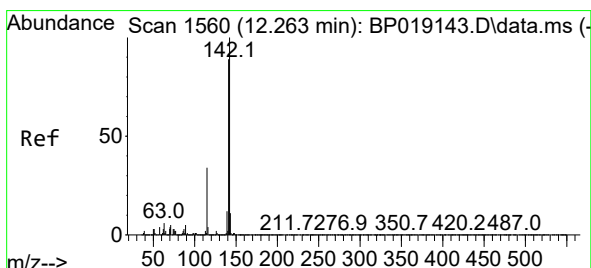
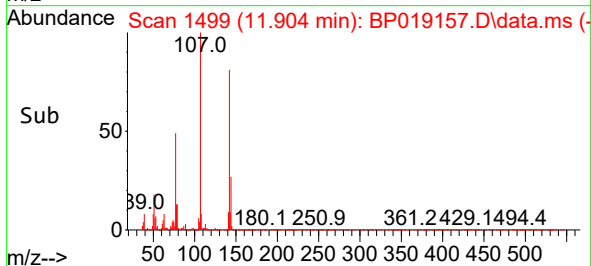
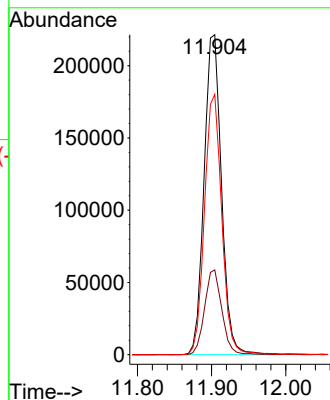
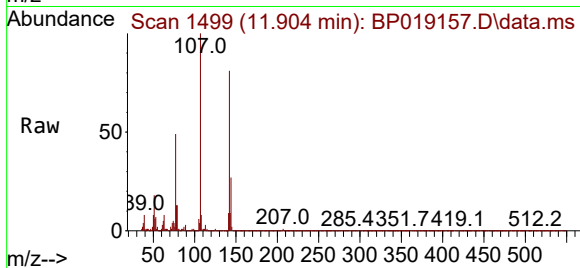




#35
4-Chloro-3-methylphenol
Concen: 34.251 ng/ul
RT: 11.904 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BP019157.D
Acq: 29 Dec 2023 10:07

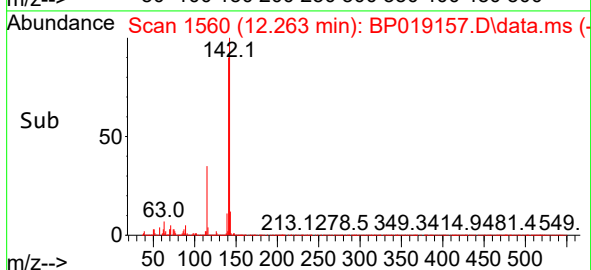
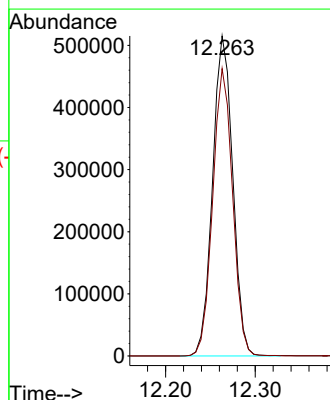
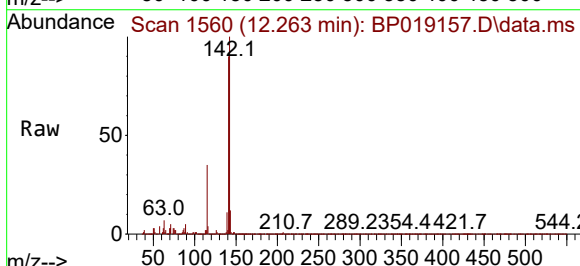
Instrument :
BNA_P
ClientSampleId :
SLCS093

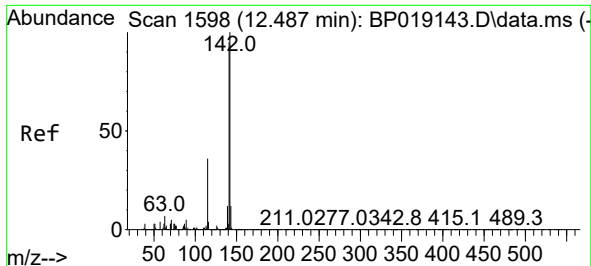
Tgt Ion:107 Resp: 361679
Ion Ratio Lower Upper
107 100
144 26.5 21.0 31.6
142 81.3 64.8 97.2



#36
2-Methylnaphthalene
Concen: 33.888 ng/ul
RT: 12.263 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BP019157.D
Acq: 29 Dec 2023 10:07

Tgt Ion:142 Resp: 803797
Ion Ratio Lower Upper
142 100
141 89.8 71.7 107.5

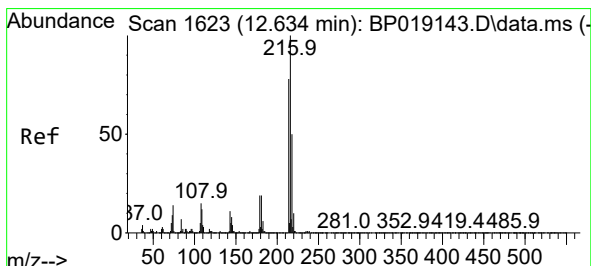
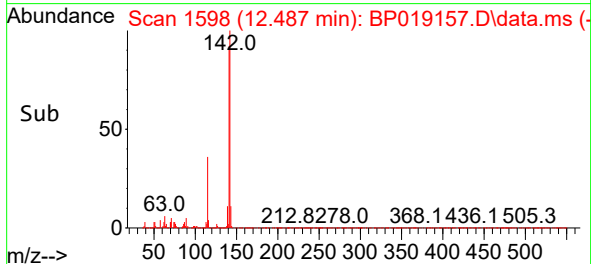
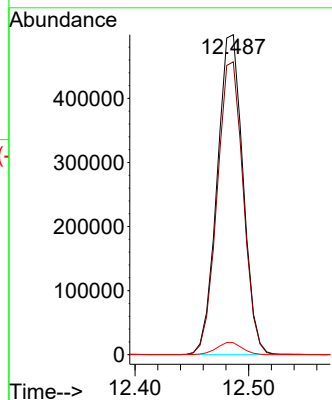
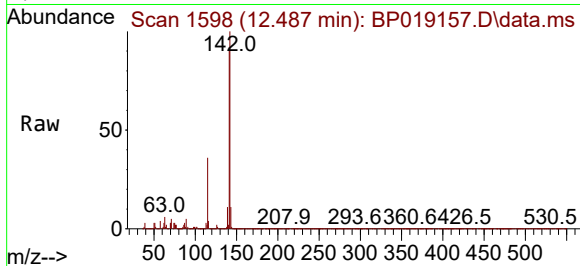




#37
1-Methylnaphthalene
Concen: 32.986 ng/ul
RT: 12.487 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BP019157.D
Acq: 29 Dec 2023 10:07

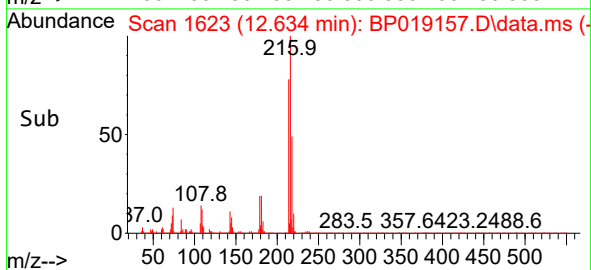
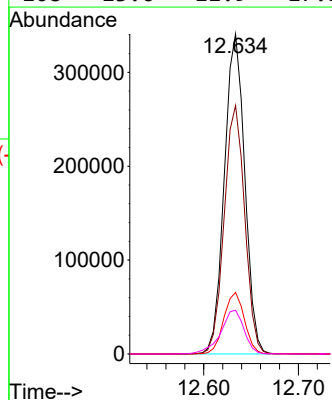
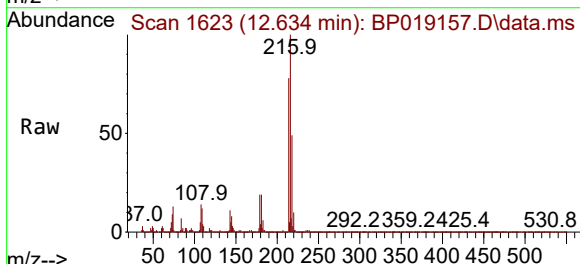
Instrument :
BNA_P
ClientSampleId :
SLCS093

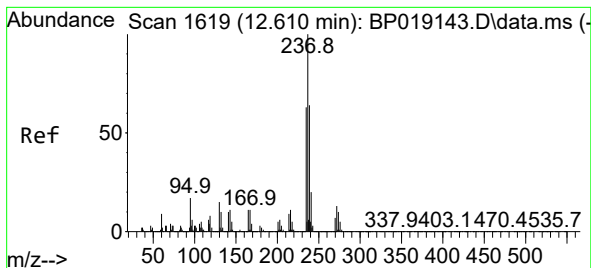
Tgt Ion:142 Resp: 788999
Ion Ratio Lower Upper
142 100
141 91.5 74.4 111.6
116 3.8 3.0 4.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 35.352 ng/ul
RT: 12.634 min Scan# 1623
Delta R.T. -0.000 min
Lab File: BP019157.D
Acq: 29 Dec 2023 10:07

Tgt Ion:216 Resp: 511572
Ion Ratio Lower Upper
216 100
214 77.7 62.6 94.0
179 19.3 15.8 23.8
108 13.6 11.9 17.9





#40

Hexachlorocyclopentadiene

Concen: 36.831 ng/ul

RT: 12.610 min Scan# 1619

Delta R.T. -0.000 min

Lab File: BP019157.D

Acq: 29 Dec 2023 10:07

Instrument :

BNA_P

ClientSampleId :

SLCS093

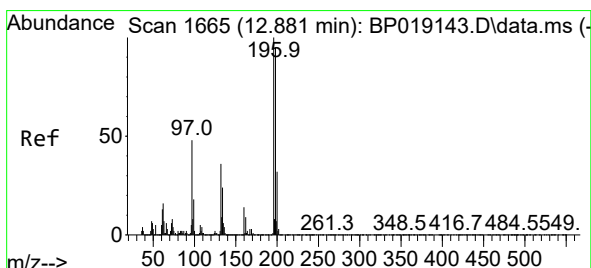
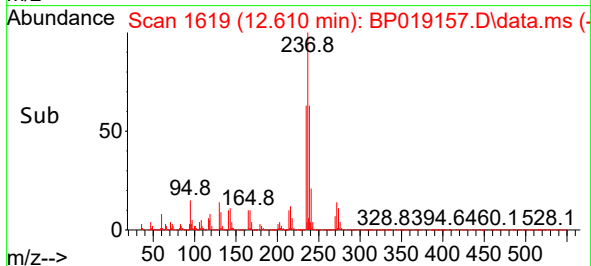
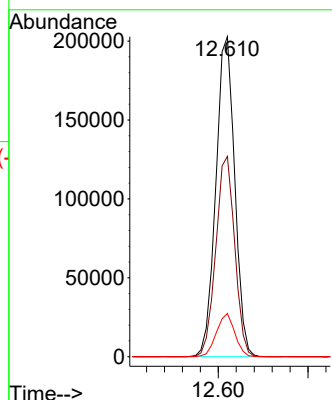
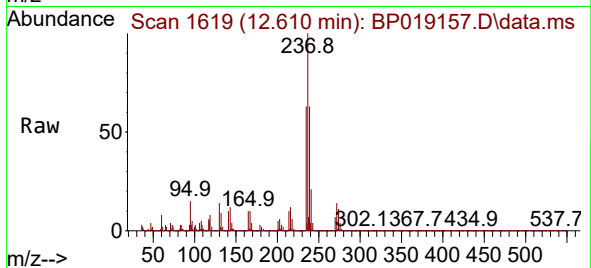
Tgt Ion:237 Resp: 295828

Ion Ratio Lower Upper

237 100

235 62.6 51.2 76.8

272 13.5 10.9 16.3



#41

2,4,6-Trichlorophenol

Concen: 35.104 ng/ul

RT: 12.881 min Scan# 1665

Delta R.T. -0.000 min

Lab File: BP019157.D

Acq: 29 Dec 2023 10:07

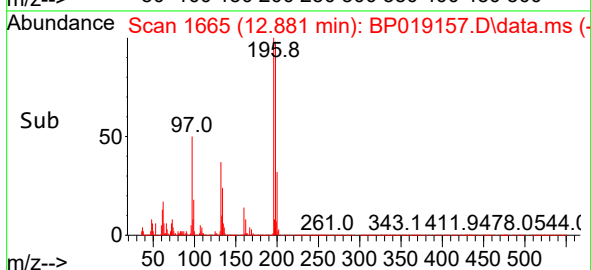
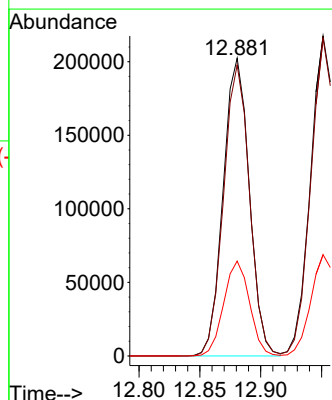
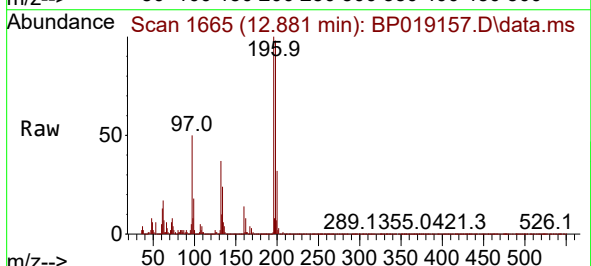
Tgt Ion:196 Resp: 303158

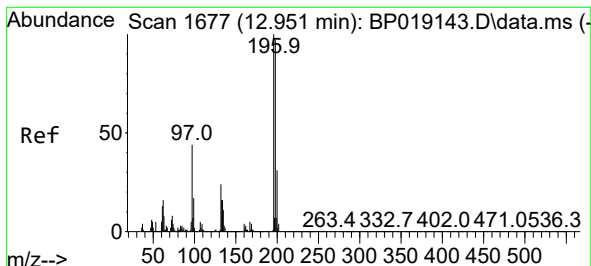
Ion Ratio Lower Upper

196 100

198 97.7 77.4 116.0

200 31.9 24.6 36.8





#42

2,4,5-Trichlorophenol

Concen: 35.634 ng/ul

RT: 12.951 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP019157.D

Acq: 29 Dec 2023 10:07

Instrument :

BNA_P

ClientSampleId :

SLCS093

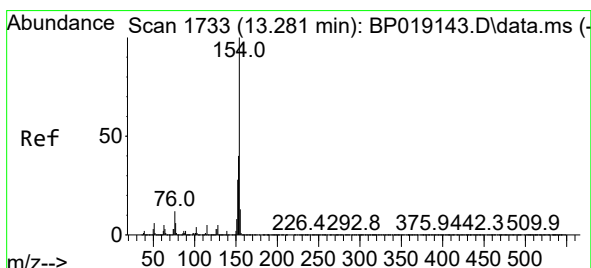
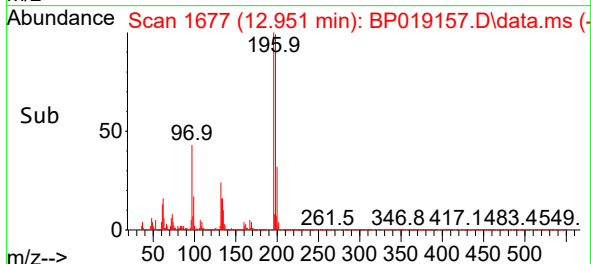
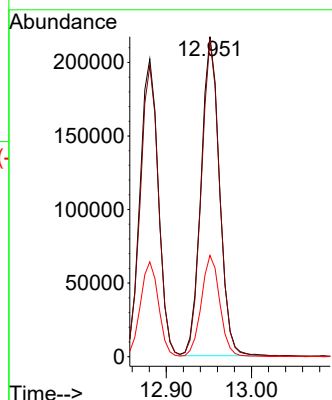
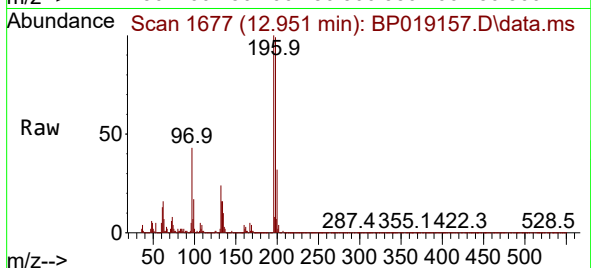
Tgt Ion:196 Resp: 326660

Ion Ratio Lower Upper

196 100

198 99.2 77.3 115.9

200 31.6 25.7 38.5



#43

1,1'-Biphenyl

Concen: 33.927 ng/ul

RT: 13.281 min Scan# 1733

Delta R.T. -0.000 min

Lab File: BP019157.D

Acq: 29 Dec 2023 10:07

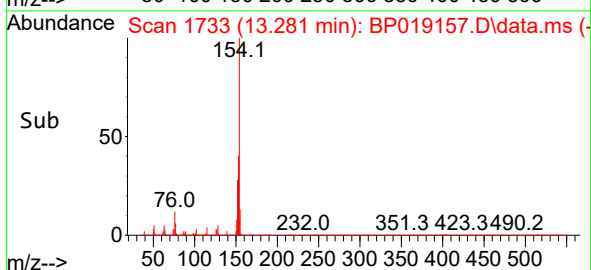
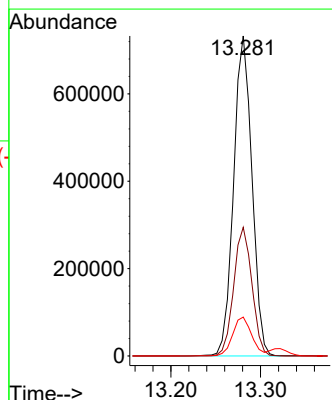
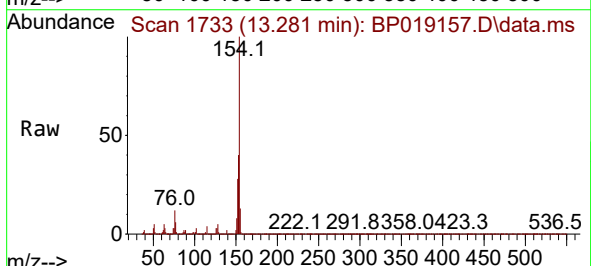
Tgt Ion:154 Resp: 1039847

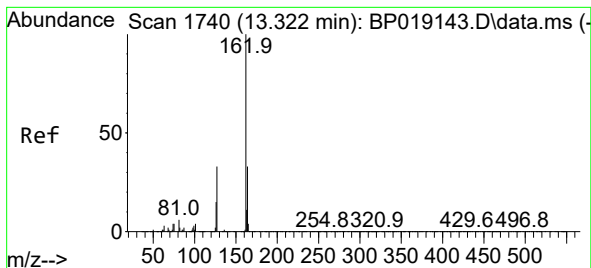
Ion Ratio Lower Upper

154 100

153 40.2 31.9 47.9

76 12.1 9.5 14.3





#44

2-Chloronaphthalene

Concen: 34.079 ng/ul

RT: 13.322 min Scan# 1740

Delta R.T. -0.000 min

Lab File: BP019157.D

Acq: 29 Dec 2023 10:07

Instrument :

BNA_P

ClientSampleId :

SLCS093

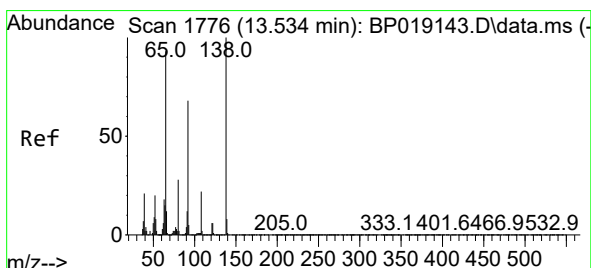
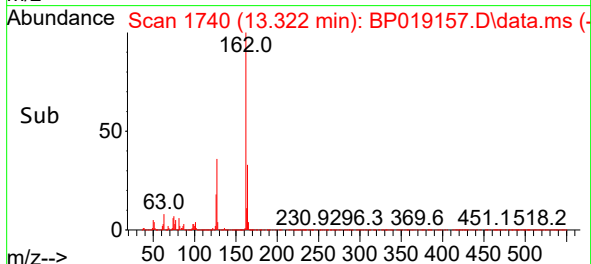
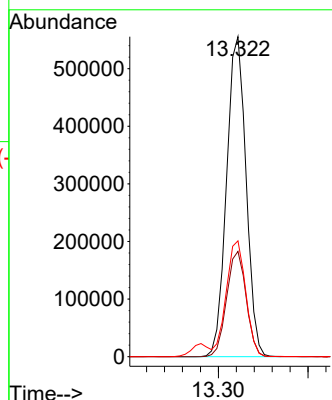
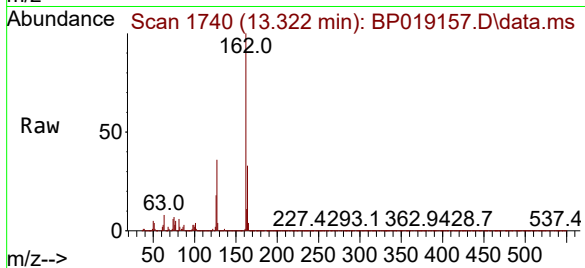
Tgt Ion:162 Resp: 838117

Ion Ratio Lower Upper

162 100

164 32.9 26.2 39.4

127 36.2 28.8 43.2



#45

2-Nitroaniline

Concen: 35.837 ng/ul

RT: 13.534 min Scan# 1776

Delta R.T. -0.000 min

Lab File: BP019157.D

Acq: 29 Dec 2023 10:07

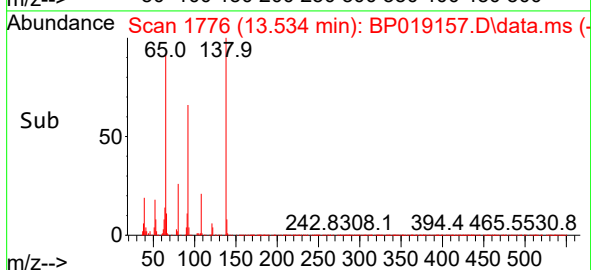
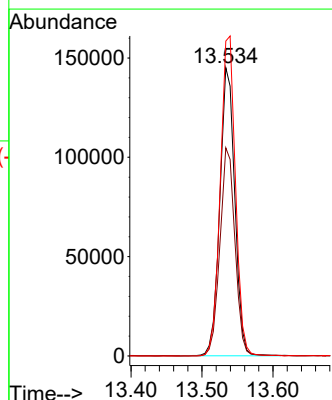
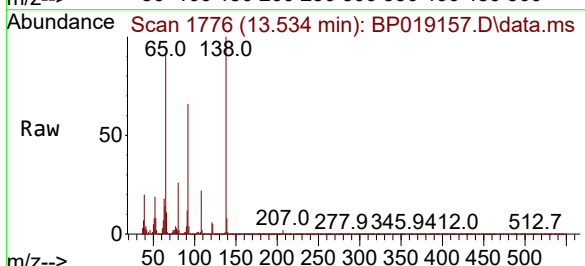
Tgt Ion: 65 Resp: 211585

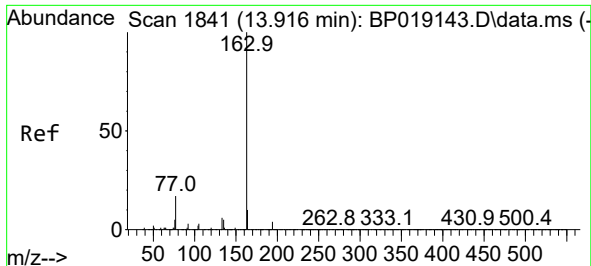
Ion Ratio Lower Upper

65 100

92 72.2 60.2 90.4

138 109.2 92.9 139.3

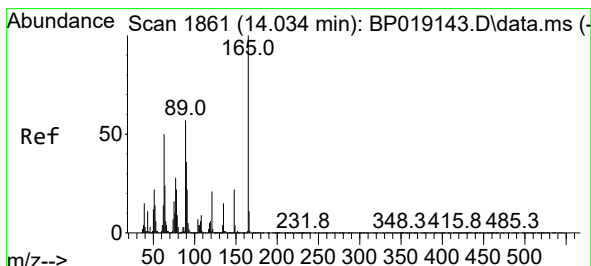
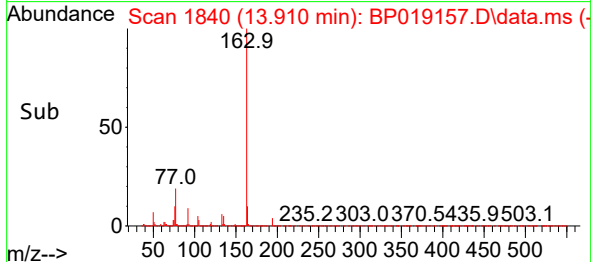
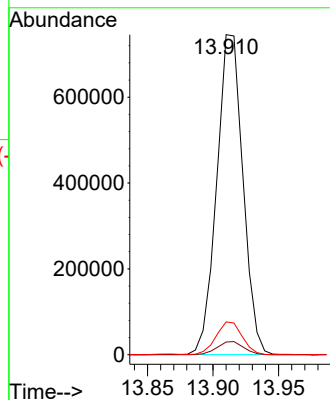
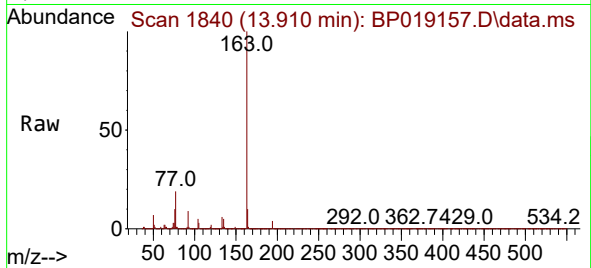




#47
Dimethylphthalate
Concen: 33.790 ng/ul
RT: 13.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BP019157.D
Acq: 29 Dec 2023 10:07

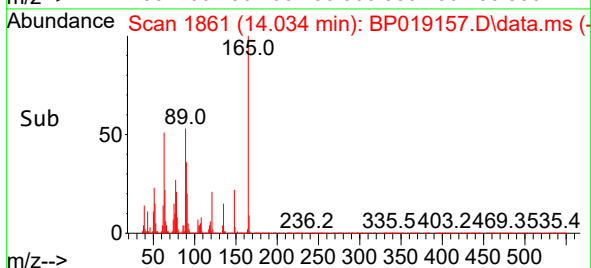
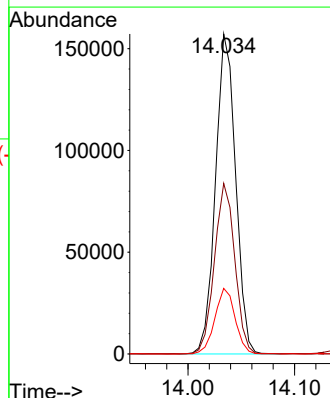
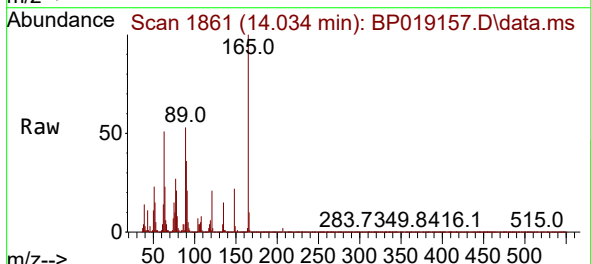
Instrument :
BNA_P
ClientSampleId :
SLCS093

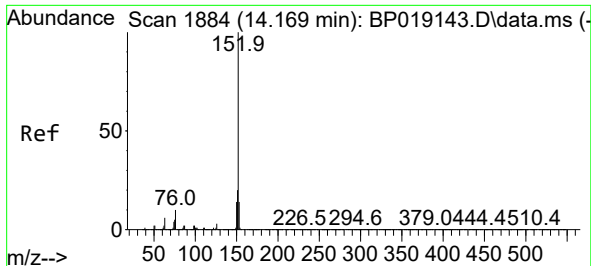
Tgt Ion:163 Resp: 1035143
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.2 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 36.594 ng/ul
RT: 14.034 min Scan# 1861
Delta R.T. -0.000 min
Lab File: BP019157.D
Acq: 29 Dec 2023 10:07

Tgt Ion:165 Resp: 205998
Ion Ratio Lower Upper
165 100
89 53.3 45.1 67.7
121 20.5 16.7 25.1

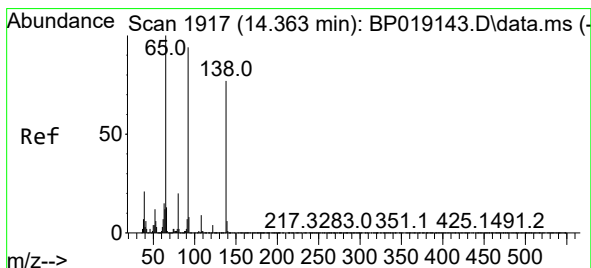
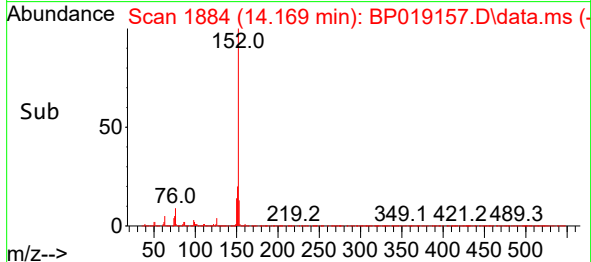
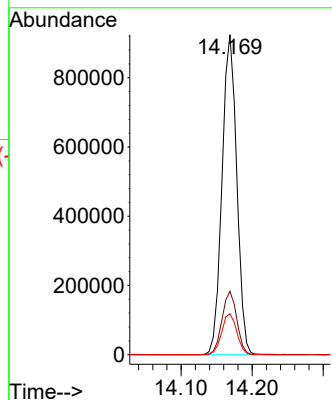
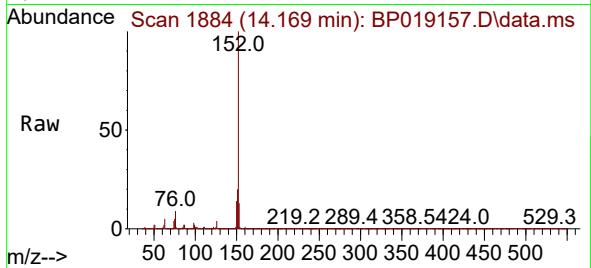




#50
Acenaphthylene
Concen: 34.999 ng/ul
RT: 14.169 min Scan# 1884
Delta R.T. -0.000 min
Lab File: BP019157.D
Acq: 29 Dec 2023 10:07

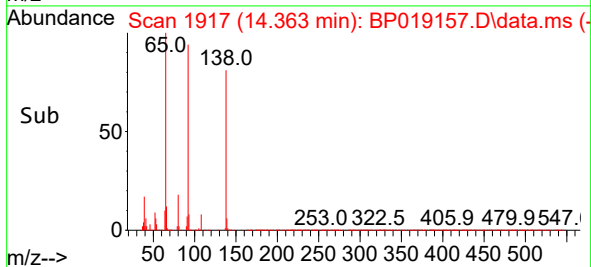
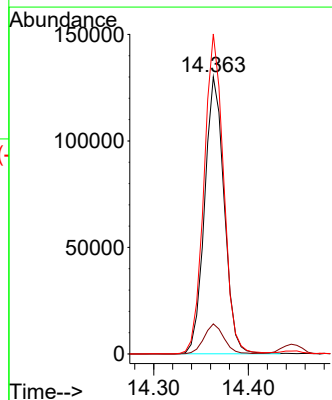
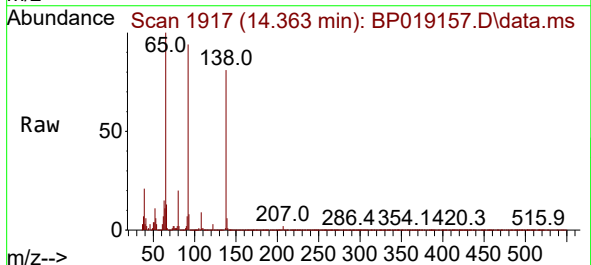
Instrument :
BNA_P
ClientSampleId :
SLCS093

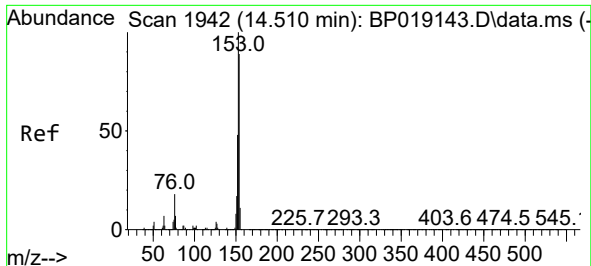
Tgt Ion:152 Resp: 1326002
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 12.8 10.6 15.8



#51
3-Nitroaniline
Concen: 33.975 ng/ul
RT: 14.363 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BP019157.D
Acq: 29 Dec 2023 10:07

Tgt Ion:138 Resp: 186977
Ion Ratio Lower Upper
138 100
108 10.9 9.8 14.6
92 115.4 91.9 137.9

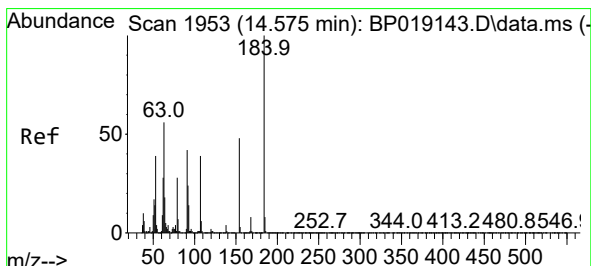
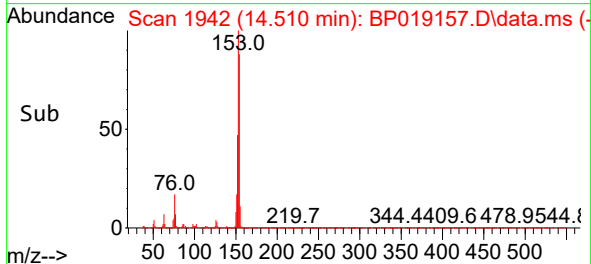
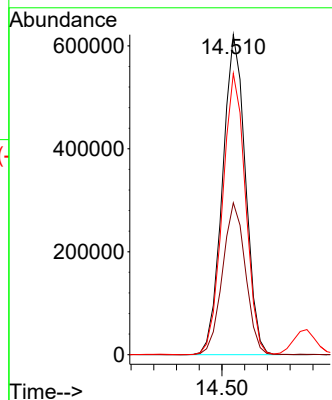
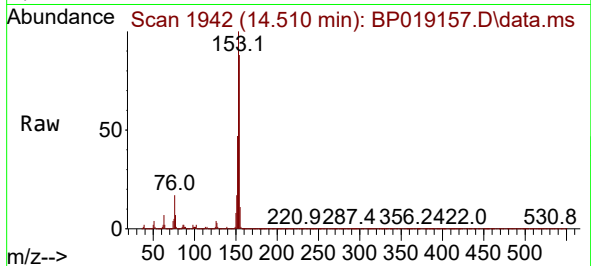




#52
Acenaphthene
Concen: 33.953 ng/ul
RT: 14.510 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BP019157.D
Acq: 29 Dec 2023 10:07

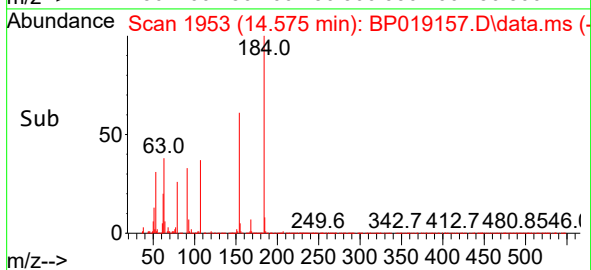
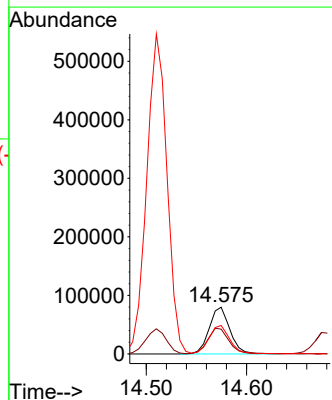
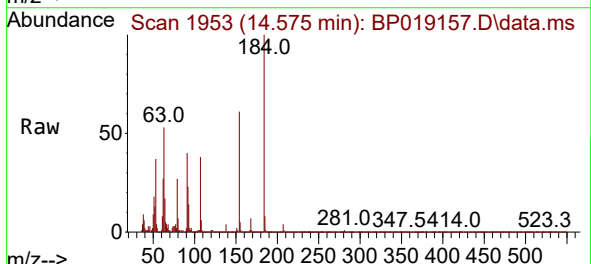
Instrument :
BNA_P
ClientSampleId :
SLCS093

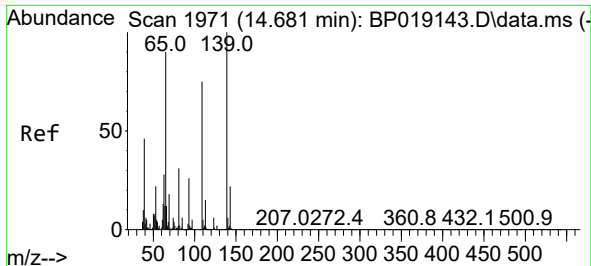
Tgt Ion:153 Resp: 871849
Ion Ratio Lower Upper
153 100
152 47.4 38.1 57.1
154 87.9 70.1 105.1



#53
2,4-Dinitrophenol
Concen: 31.565 ng/ul
RT: 14.575 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BP019157.D
Acq: 29 Dec 2023 10:07

Tgt Ion:184 Resp: 114474
Ion Ratio Lower Upper
184 100
63 53.0 48.5 72.7
154 60.9 49.3 73.9

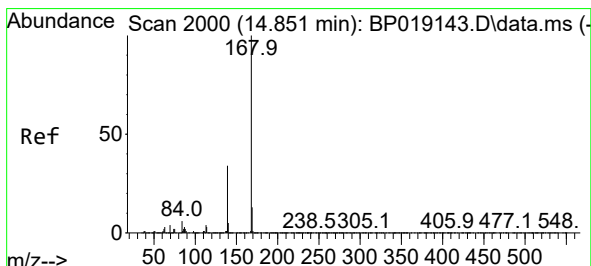
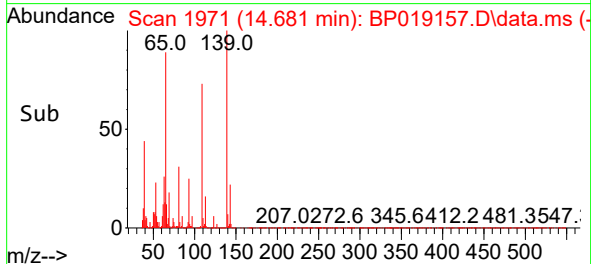
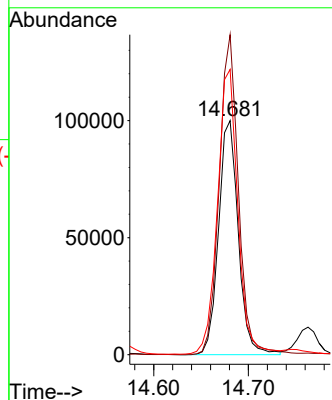
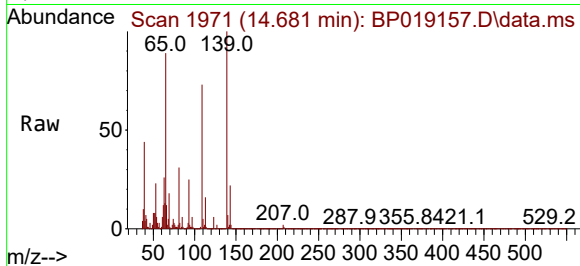




#55
4-Nitrophenol
Concen: 34.593 ng/ul
RT: 14.681 min Scan# 1971
Delta R.T. -0.000 min
Lab File: BP019157.D
Acq: 29 Dec 2023 10:07

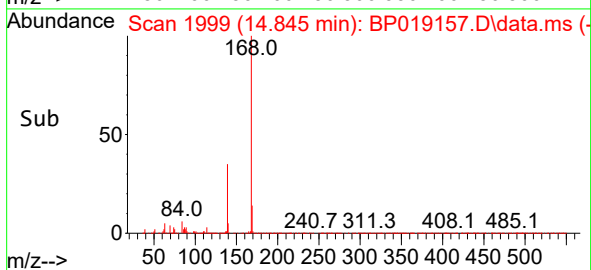
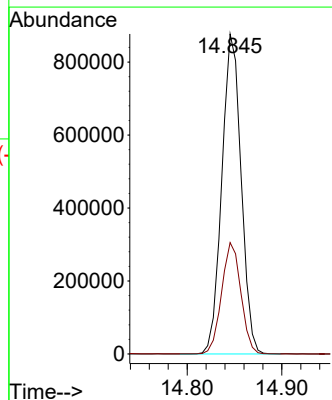
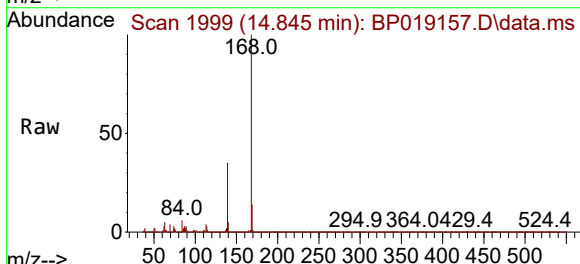
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BNA_P
ClientSampleId :
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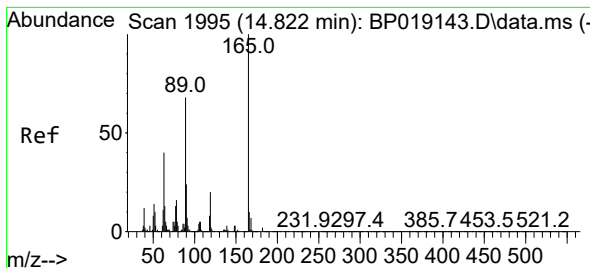
Tgt Ion:109 Resp: 144884
Ion Ratio Lower Upper
109 100
139 136.7 102.6 154.0
65 121.9 92.9 139.3



#56
Dibenzofuran
Concen: 33.842 ng/ul
RT: 14.845 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BP019157.D
Acq: 29 Dec 2023 10:07

Tgt Ion:168 Resp: 1240979
Ion Ratio Lower Upper
168 100
139 34.8 27.4 41.0

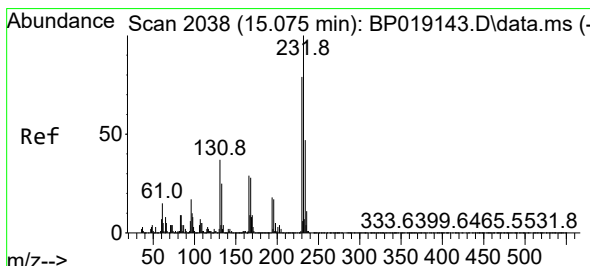
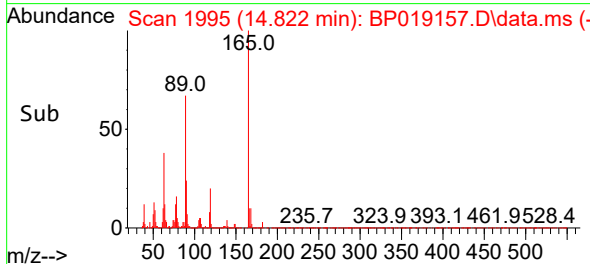
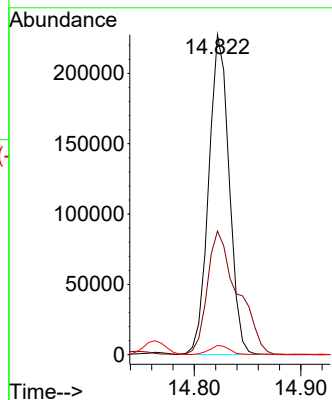
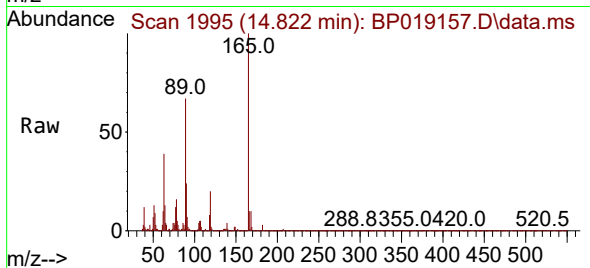




#57
2,4-Dinitrotoluene
Concen: 36.540 ng/ul
RT: 14.822 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BP019157.D
Acq: 29 Dec 2023 10:07

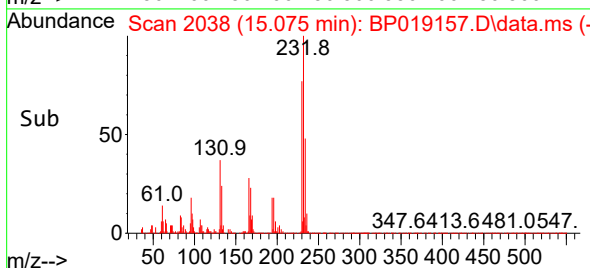
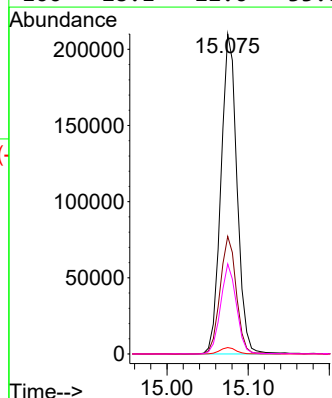
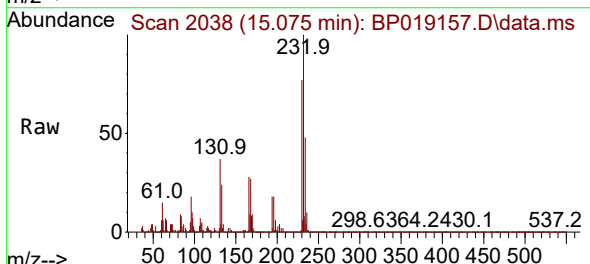
Instrument :
BNA_P
ClientSampleId :
SLCS093

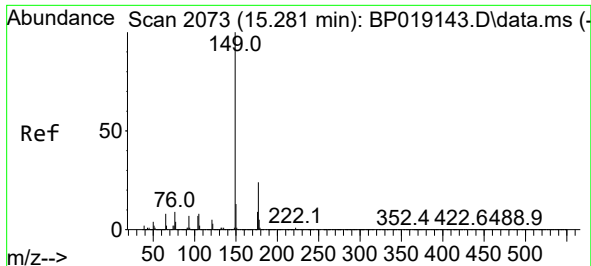
Tgt Ion:165 Resp: 302510
Ion Ratio Lower Upper
165 100
63 38.6 31.5 47.3
182 2.9 2.2 3.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 36.169 ng/ul
RT: 15.075 min Scan# 2038
Delta R.T. -0.000 min
Lab File: BP019157.D
Acq: 29 Dec 2023 10:07

Tgt Ion:232 Resp: 289688
Ion Ratio Lower Upper
232 100
131 36.8 29.3 43.9
130 2.0 1.4 2.2
166 28.1 22.6 33.8

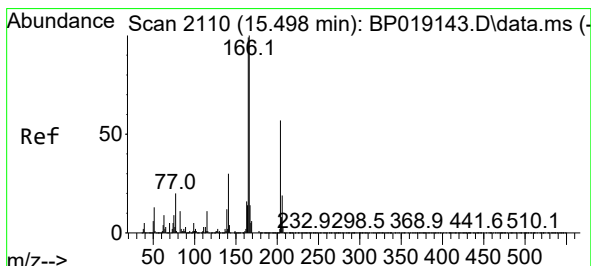
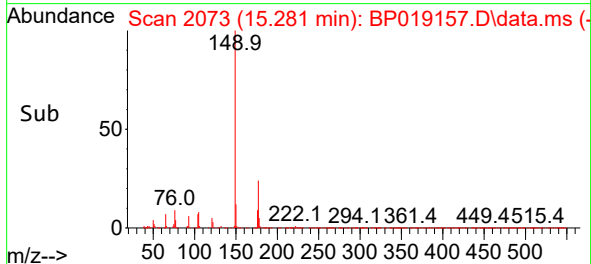
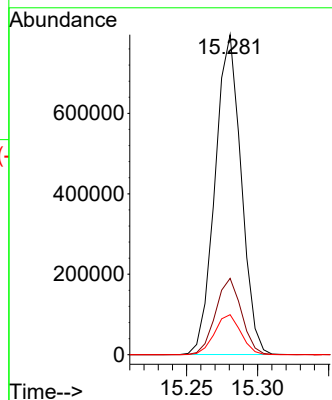
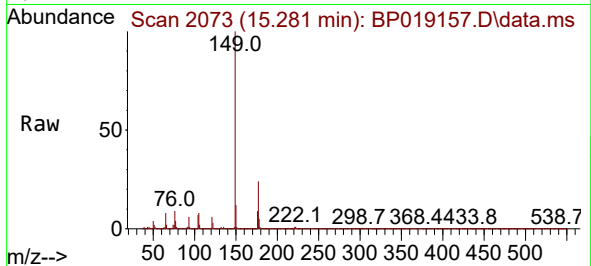




#59
Diethylphthalate
Concen: 34.209 ng/ul
RT: 15.281 min Scan# 2073
Delta R.T. -0.000 min
Lab File: BP019157.D
Acq: 29 Dec 2023 10:07

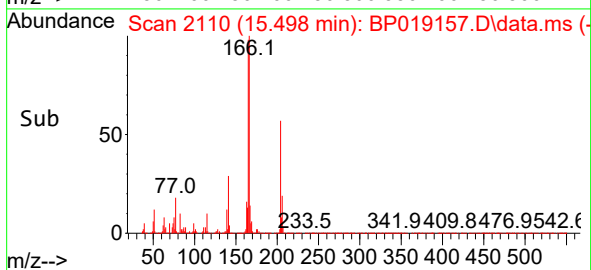
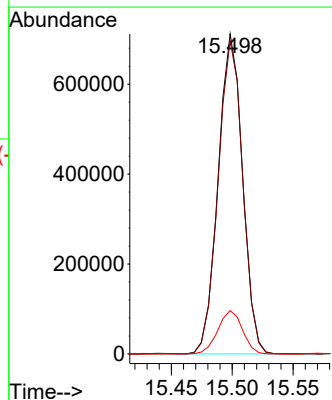
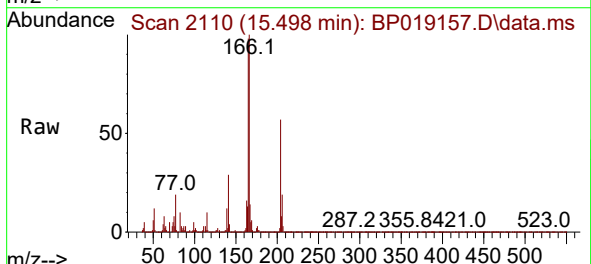
Instrument :
BNA_P
ClientSampleId :
SLCS093

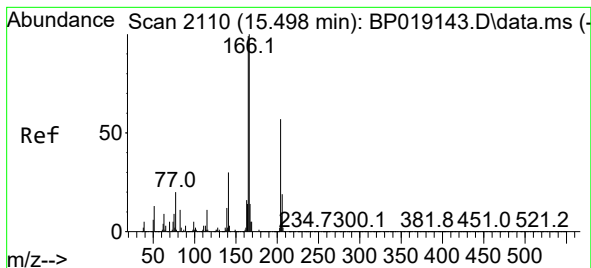
Tgt Ion:149 Resp: 1016099
Ion Ratio Lower Upper
149 100
177 23.9 18.7 28.1
150 12.5 9.8 14.8



#61
Fluorene
Concen: 33.789 ng/ul
RT: 15.498 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BP019157.D
Acq: 29 Dec 2023 10:07

Tgt Ion:166 Resp: 991722
Ion Ratio Lower Upper
166 100
165 97.9 79.3 118.9
167 13.6 11.0 16.4

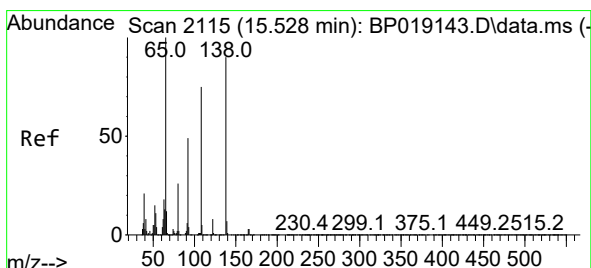
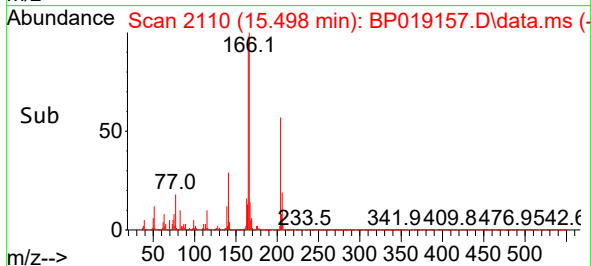
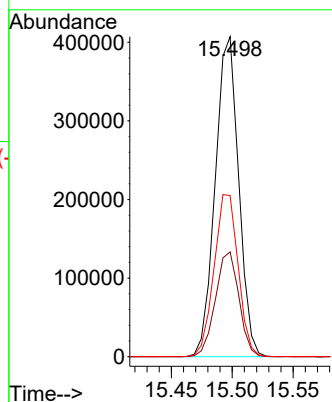
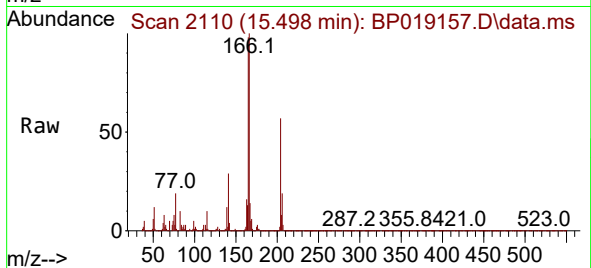




#62
4-Chlorophenyl-phenylether
Concen: 33.947 ng/ul
RT: 15.498 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BP019157.D
Acq: 29 Dec 2023 10:07

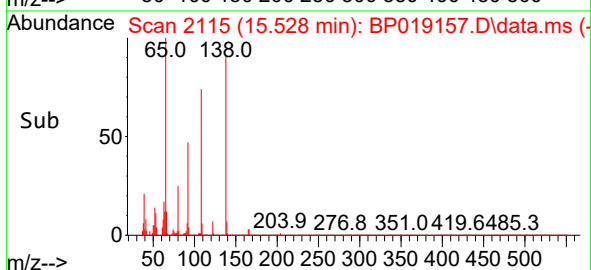
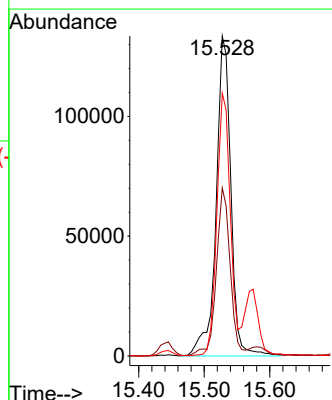
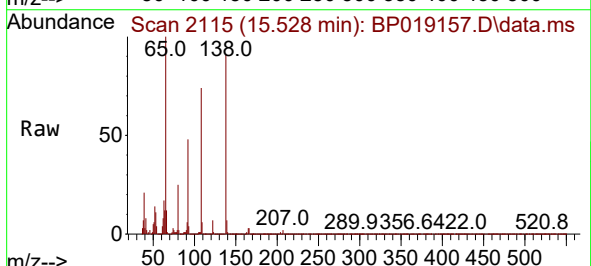
Instrument :
BNA_P
ClientSampleId :
SLCS093

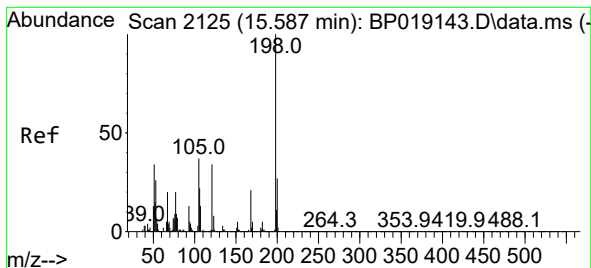
Tgt Ion:204 Resp: 544112
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 50.4 42.2 63.2



#63
4-Nitroaniline
Concen: 37.583 ng/ul
RT: 15.528 min Scan# 2115
Delta R.T. -0.000 min
Lab File: BP019157.D
Acq: 29 Dec 2023 10:07

Tgt Ion:138 Resp: 208097
Ion Ratio Lower Upper
138 100
92 52.5 42.2 63.4
108 82.1 66.2 99.4

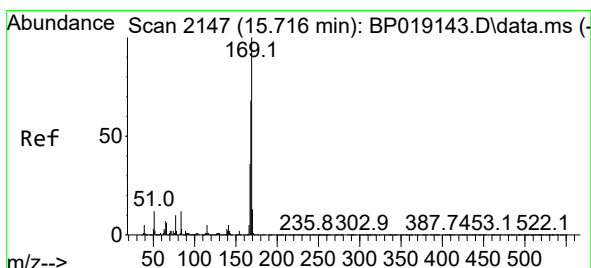
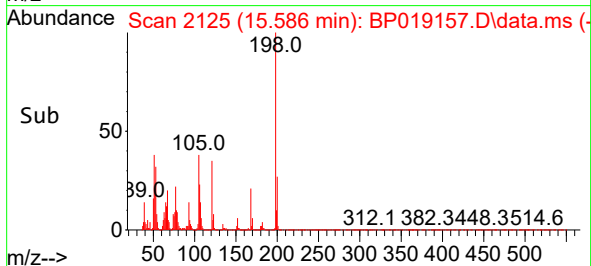
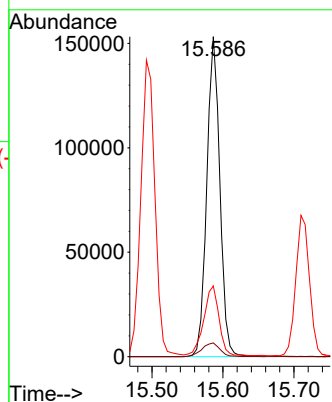
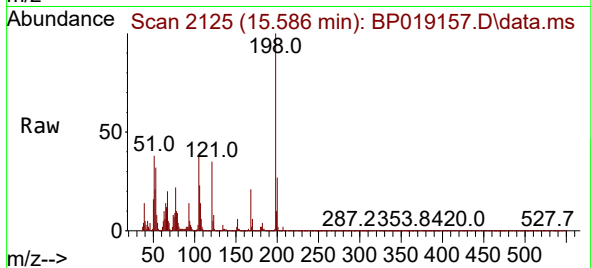




#66
4,6-Dinitro-2-methylphenol
Concen: 35.901 ng/ul
RT: 15.586 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BP019157.D
Acq: 29 Dec 2023 10:07

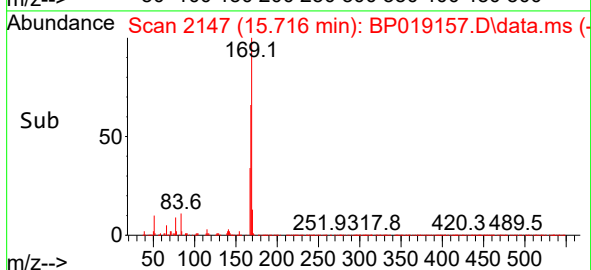
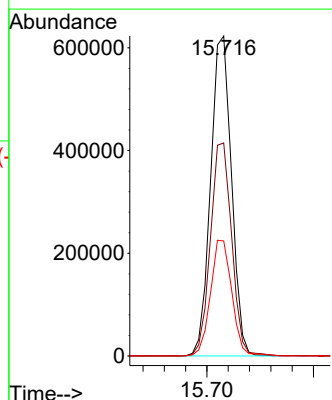
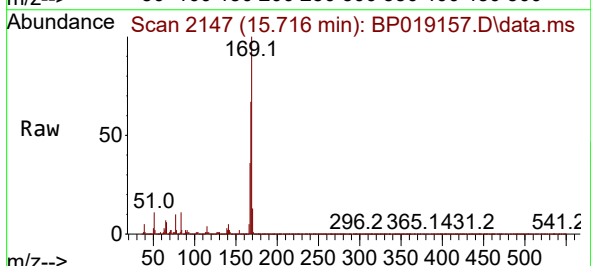
Instrument :
BNA_P
ClientSampleId :
SLCS093

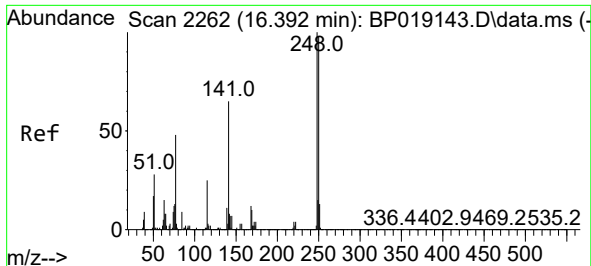
Tgt Ion:198 Resp: 196333
Ion Ratio Lower Upper
198 100
182 4.3 4.0 6.0
77 22.1 17.4 26.2



#67
N-Nitrosodiphenylamine
Concen: 35.209 ng/ul
RT: 15.716 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BP019157.D
Acq: 29 Dec 2023 10:07

Tgt Ion:169 Resp: 846628
Ion Ratio Lower Upper
169 100
168 66.5 53.8 80.8
167 35.9 29.5 44.3

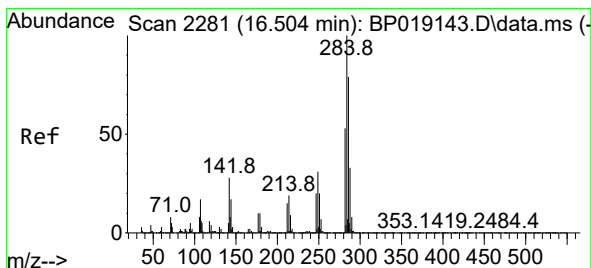
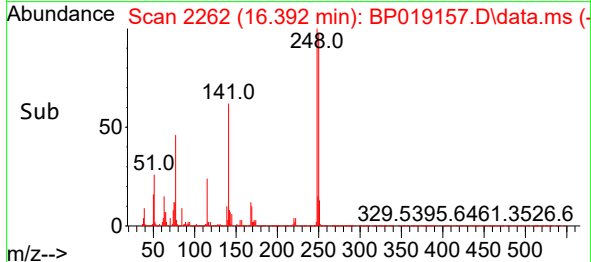
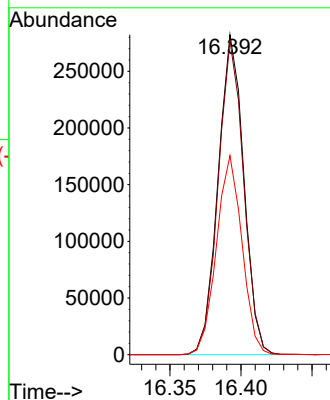
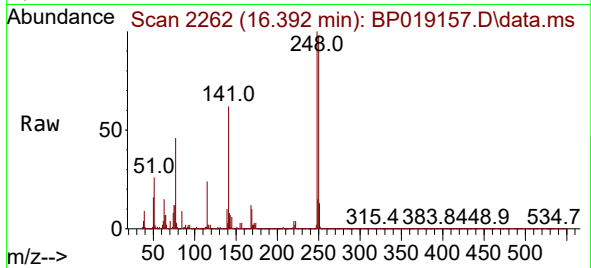




#68
4-Bromophenyl-phenylether
Concen: 36.223 ng/ul
RT: 16.392 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP019157.D
Acq: 29 Dec 2023 10:07

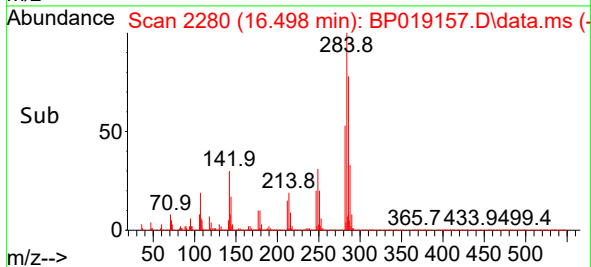
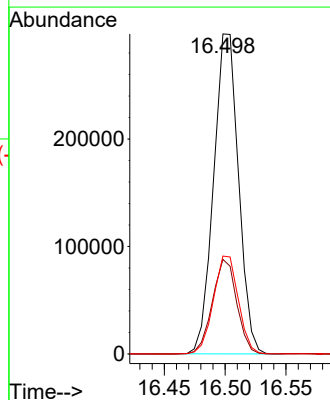
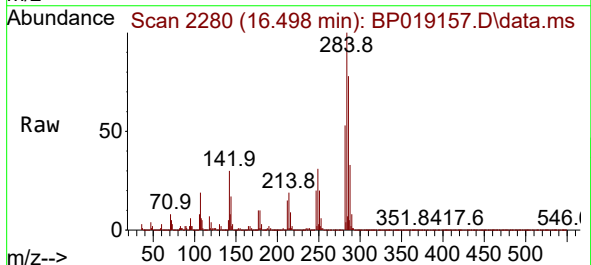
Instrument :
BNA_P
ClientSampleId :
SLCS093

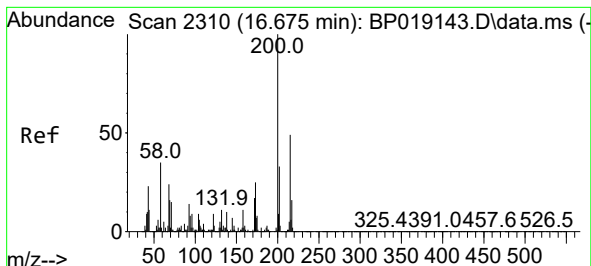
Tgt Ion:248 Resp: 354721
Ion Ratio Lower Upper
248 100
250 98.1 78.3 117.5
141 62.2 48.6 72.8



#69
Hexachlorobenzene
Concen: 35.397 ng/ul
RT: 16.498 min Scan# 2280
Delta R.T. -0.006 min
Lab File: BP019157.D
Acq: 29 Dec 2023 10:07

Tgt Ion:284 Resp: 423609
Ion Ratio Lower Upper
284 100
142 29.6 22.9 34.3
249 30.6 23.7 35.5





#70

Atrazine

Concen: 45.986 ng/ul

RT: 16.675 min Scan# 2310

Delta R.T. -0.000 min

Lab File: BP019157.D

Acq: 29 Dec 2023 10:07

Instrument :

BNA_P

ClientSampleId :

SLCS093

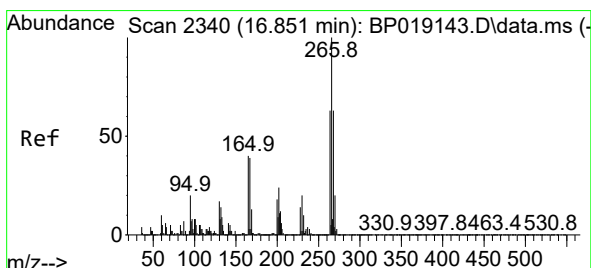
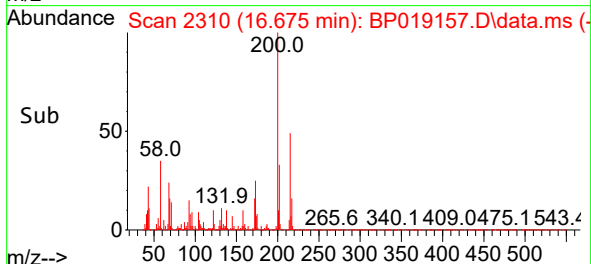
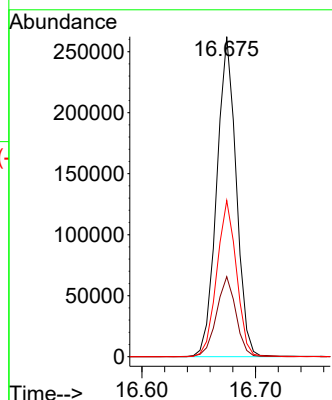
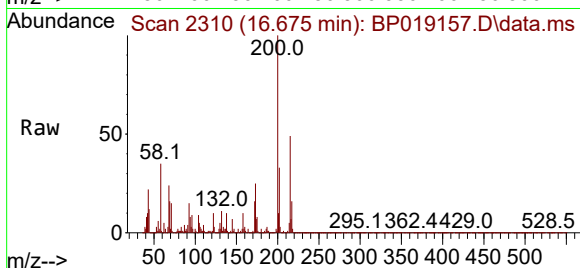
Tgt Ion:200 Resp: 312062

Ion Ratio Lower Upper

200 100

173 25.0 20.2 30.2

215 48.8 39.9 59.9



#71

Pentachlorophenol

Concen: 36.443 ng/ul

RT: 16.851 min Scan# 2340

Delta R.T. -0.000 min

Lab File: BP019157.D

Acq: 29 Dec 2023 10:07

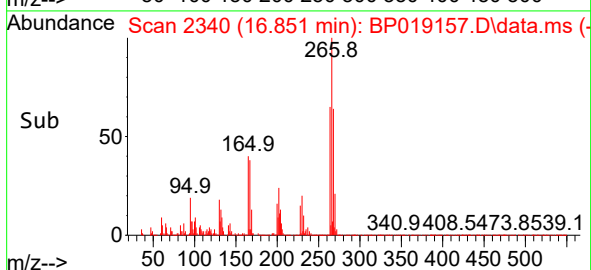
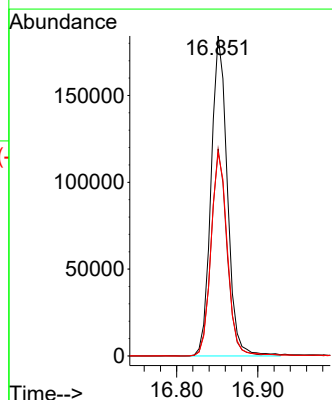
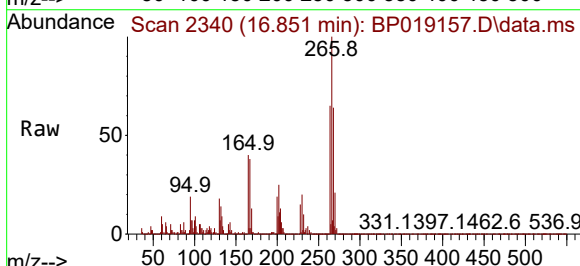
Tgt Ion:266 Resp: 256058

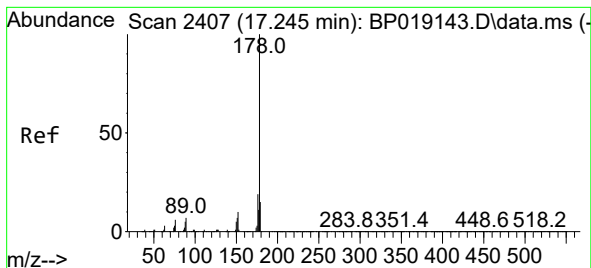
Ion Ratio Lower Upper

266 100

264 64.7 50.0 75.0

268 63.5 52.8 79.2





#72

Phenanthrene

Concen: 34.435 ng/ul

RT: 17.245 min Scan# 2407

Delta R.T. -0.000 min

Lab File: BP019157.D

Acq: 29 Dec 2023 10:07

Instrument :

BNA_P

ClientSampleId :

SLCS093

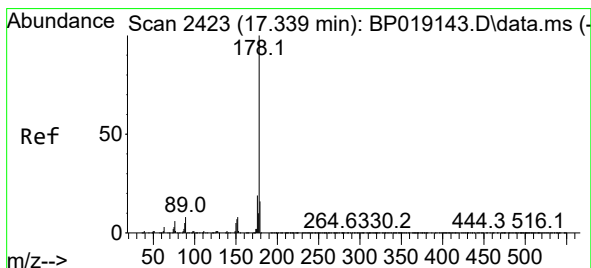
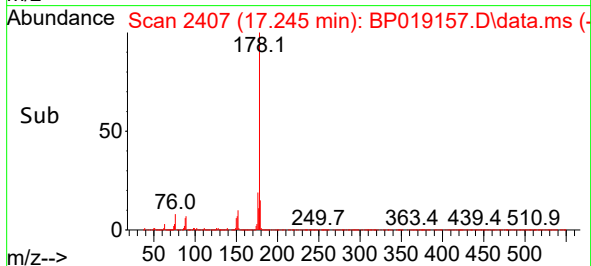
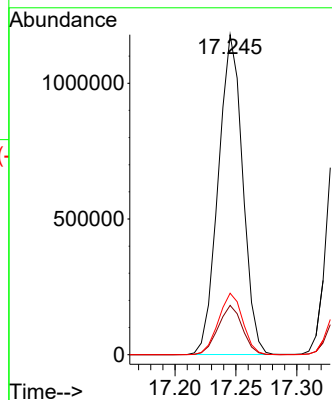
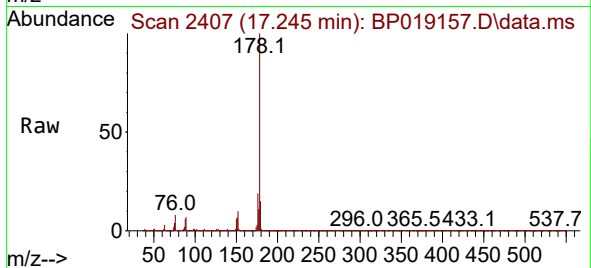
Tgt Ion:178 Resp: 1644162

Ion Ratio Lower Upper

178 100

179 15.4 11.9 17.9

176 19.2 15.0 22.6



#74

Anthracene

Concen: 35.163 ng/ul

RT: 17.339 min Scan# 2423

Delta R.T. -0.000 min

Lab File: BP019157.D

Acq: 29 Dec 2023 10:07

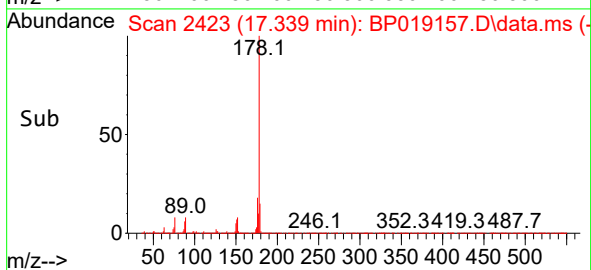
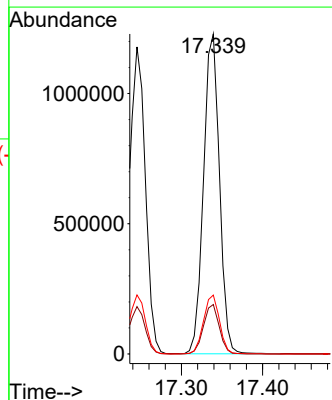
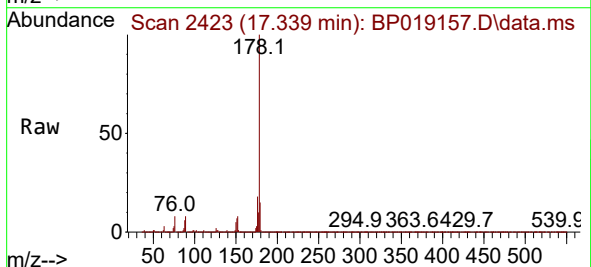
Tgt Ion:178 Resp: 1671413

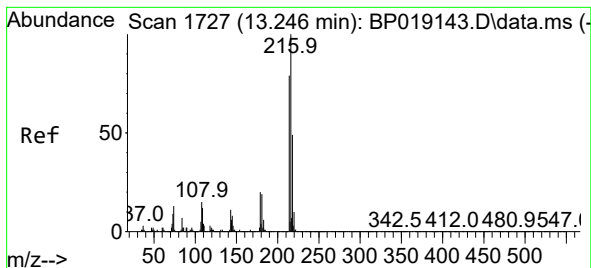
Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.4

176 18.4 14.9 22.3





#75

1,2,3,4-Tetrachlorobenzene

Concen: 35.817 ng/uL

RT: 13.239 min Scan# 1726

Delta R.T. -0.006 min

Lab File: BP019157.D

Acq: 29 Dec 2023 10:07

Instrument :

BNA_P

ClientSampleId :

SLCS093

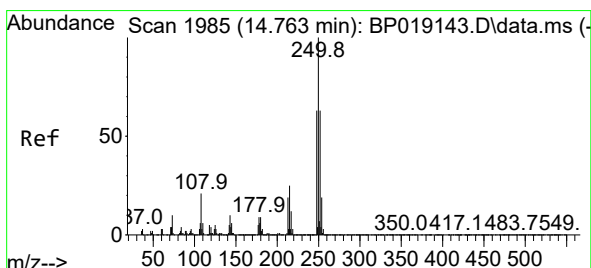
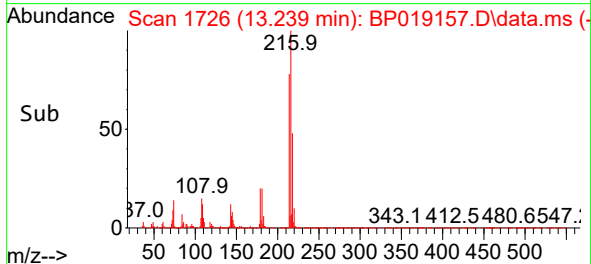
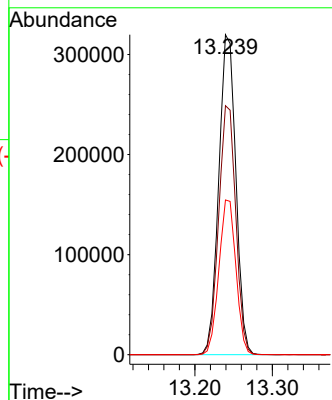
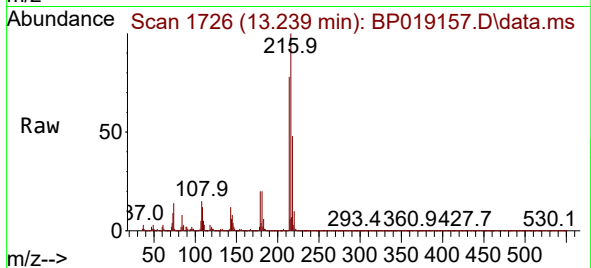
Tgt Ion:216 Resp: 490664

Ion Ratio Lower Upper

216 100

214 77.8 61.6 92.4

218 48.4 38.9 58.3



#76

Pentachlorobenzene

Concen: 35.110 ng/uL

RT: 14.763 min Scan# 1985

Delta R.T. -0.000 min

Lab File: BP019157.D

Acq: 29 Dec 2023 10:07

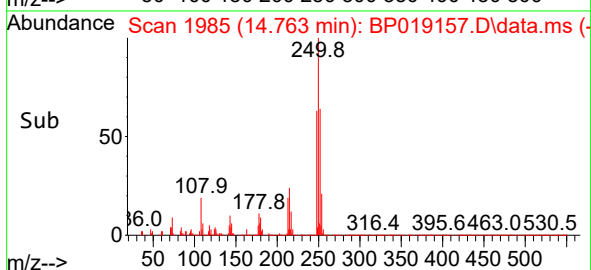
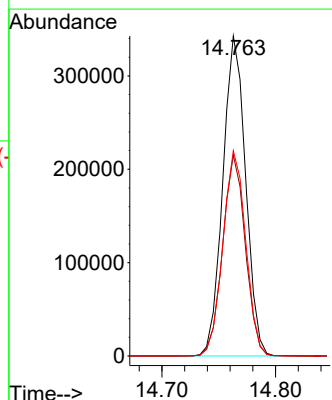
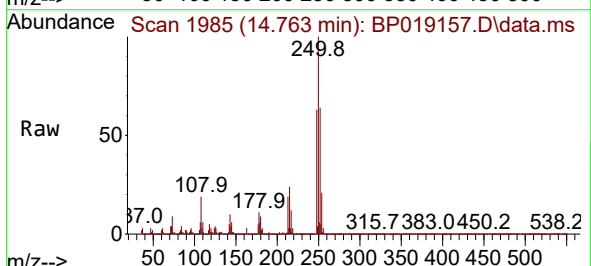
Tgt Ion:250 Resp: 477943

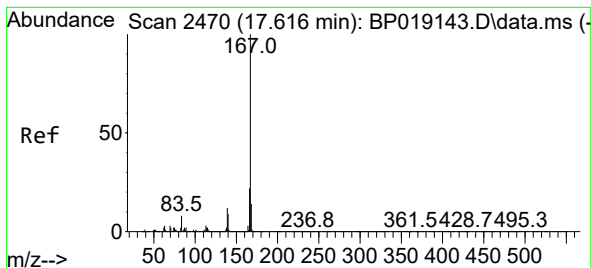
Ion Ratio Lower Upper

250 100

248 62.8 50.4 75.6

252 64.1 52.1 78.1





#77

Carbazole

Concen: 37.515 ng/ul

RT: 17.616 min Scan# 2470

Delta R.T. -0.000 min

Lab File: BP019157.D

Acq: 29 Dec 2023 10:07

Instrument :

BNA_P

ClientSampleId :

SLCS093

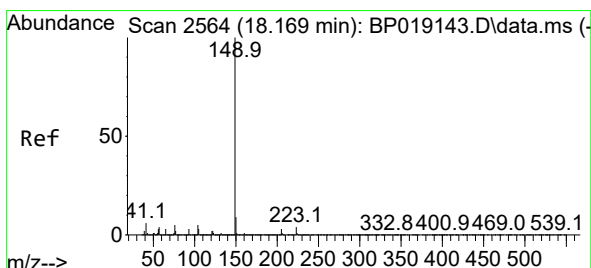
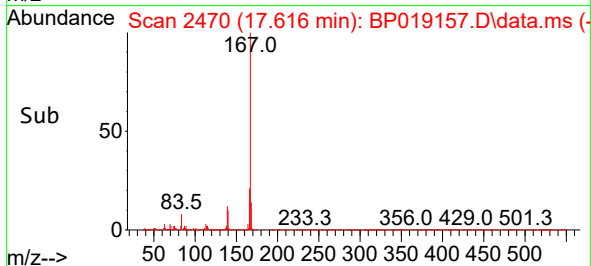
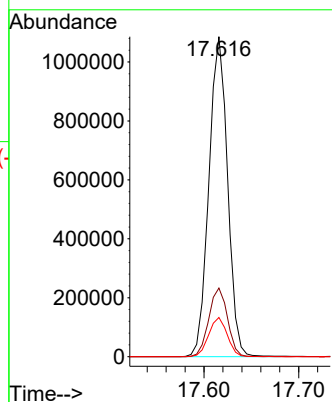
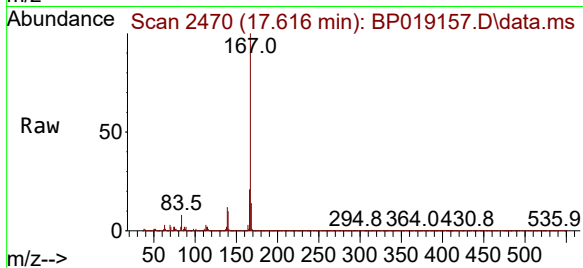
Tgt Ion:167 Resp: 1483287

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.0

139 12.3 9.8 14.6



#78

Di-n-butylphthalate

Concen: 36.530 ng/ul

RT: 18.169 min Scan# 2564

Delta R.T. -0.000 min

Lab File: BP019157.D

Acq: 29 Dec 2023 10:07

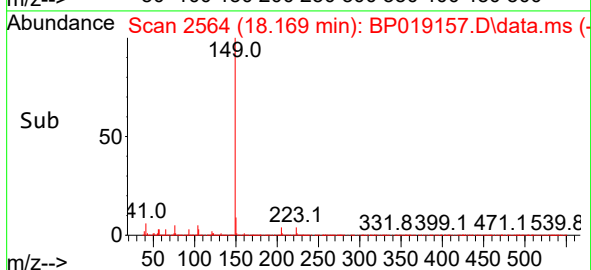
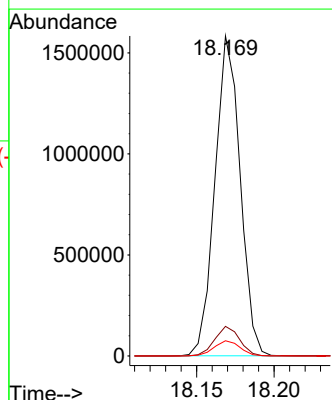
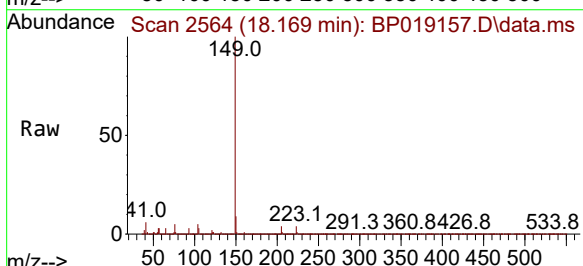
Tgt Ion:149 Resp: 1791308

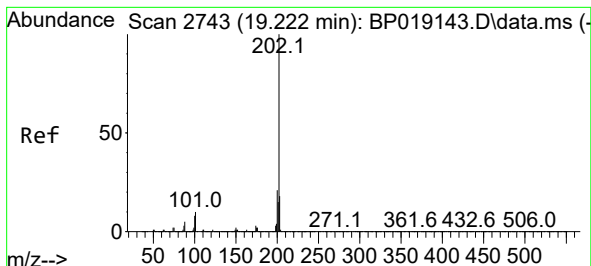
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 4.8 3.9 5.9





#80

Fluoranthene

Concen: 34.860 ng/ul

RT: 19.222 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP019157.D

Acq: 29 Dec 2023 10:07

Instrument :

BNA_P

ClientSampleId :

SLCS093

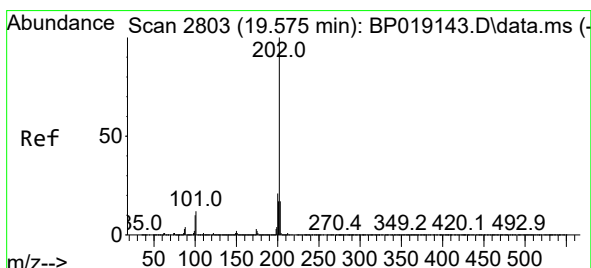
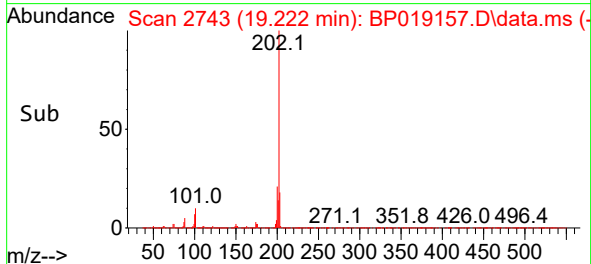
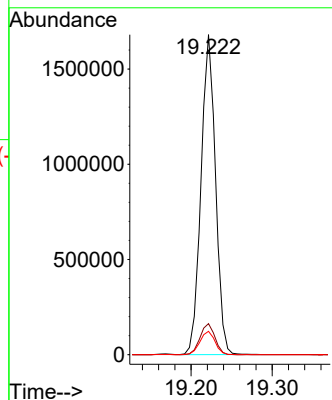
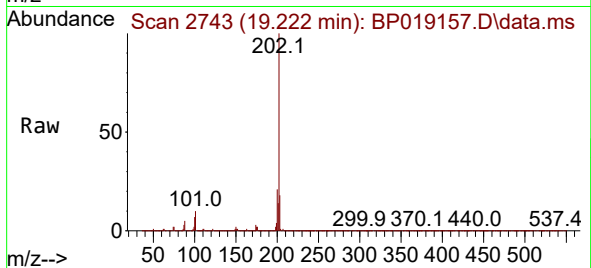
Tgt Ion:202 Resp: 2085779

Ion Ratio Lower Upper

202 100

101 9.7 7.8 11.6

100 7.3 6.0 9.0



#82

Pyrene

Concen: 34.726 ng/ul

RT: 19.574 min Scan# 2803

Delta R.T. -0.000 min

Lab File: BP019157.D

Acq: 29 Dec 2023 10:07

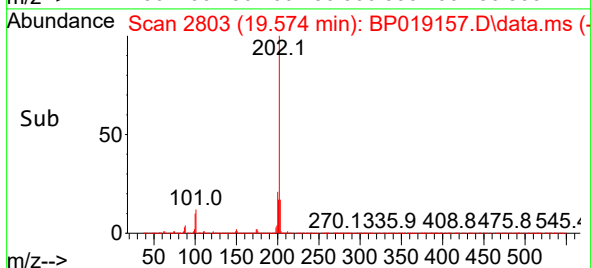
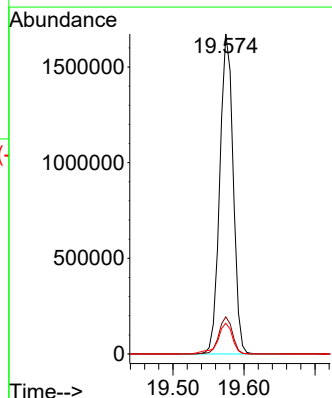
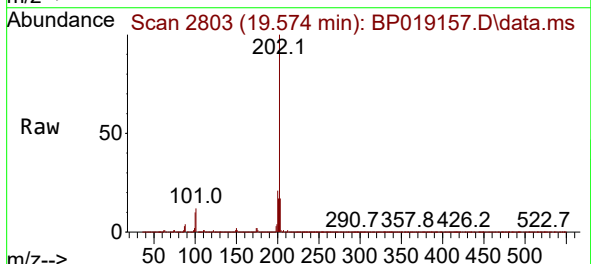
Tgt Ion:202 Resp: 2176897

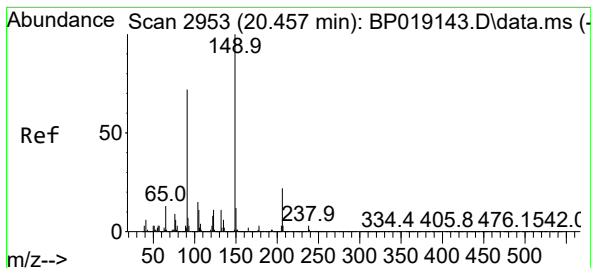
Ion Ratio Lower Upper

202 100

101 11.6 9.2 13.8

100 9.6 7.8 11.6





#83

Butylbenzylphthalate

Concen: 38.047 ng/ul

RT: 20.457 min Scan# 2953

Delta R.T. -0.000 min

Lab File: BP019157.D

Acq: 29 Dec 2023 10:07

Instrument :

BNA_P

ClientSampleId :

SLCS093

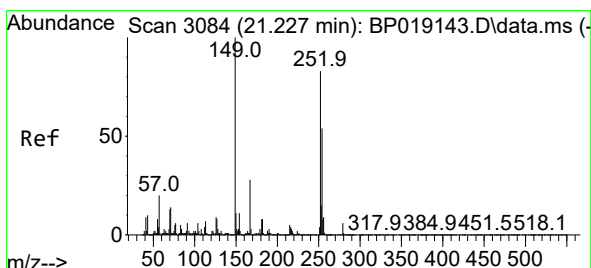
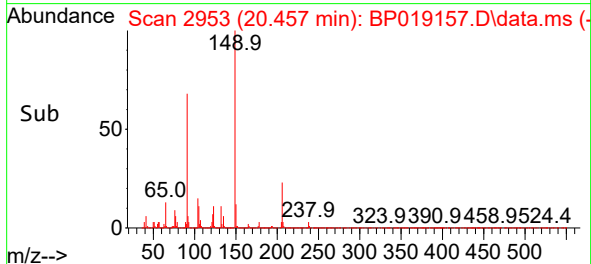
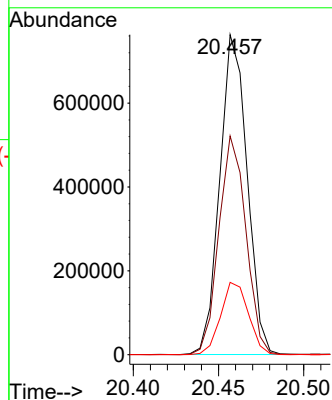
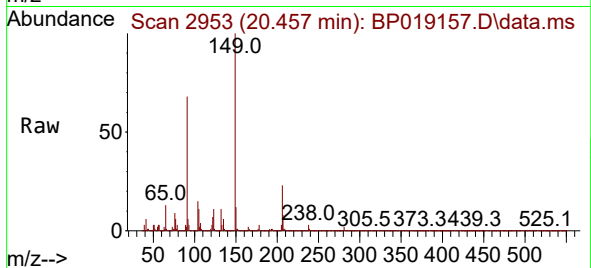
Tgt Ion:149 Resp: 851955

Ion Ratio Lower Upper

149 100

91 68.4 55.6 83.4

206 22.6 17.9 26.9



#84

3,3'-Dichlorobenzidine

Concen: 35.841 ng/ul

RT: 21.233 min Scan# 3085

Delta R.T. 0.006 min

Lab File: BP019157.D

Acq: 29 Dec 2023 10:07

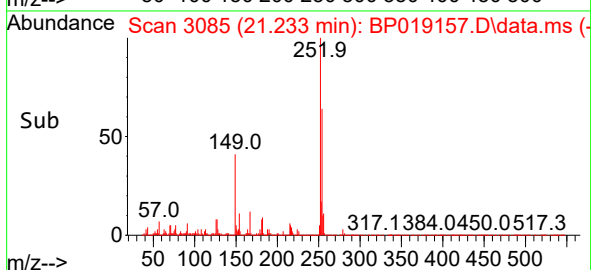
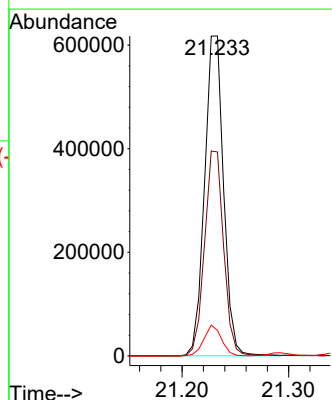
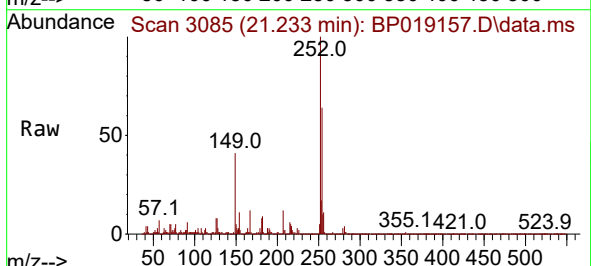
Tgt Ion:252 Resp: 767085

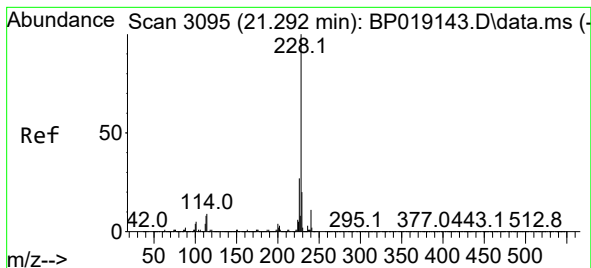
Ion Ratio Lower Upper

252 100

254 63.7 51.5 77.3

126 8.0 7.6 11.4





#85

Benzo(a)anthracene

Concen: 35.186 ng/ul

RT: 21.292 min Scan# 3095

Delta R.T. -0.000 min

Lab File: BP019157.D

Acq: 29 Dec 2023 10:07

Instrument :

BNA_P

ClientSampleId :

SLCS093

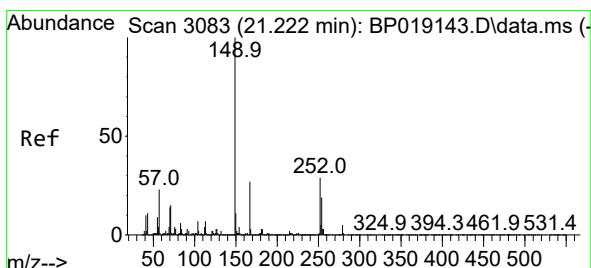
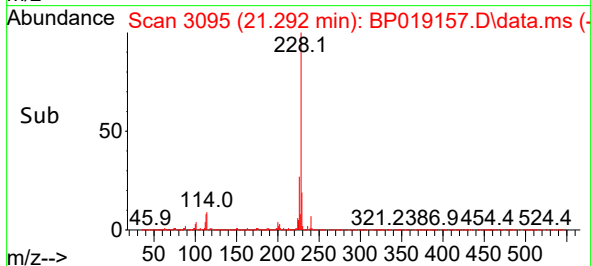
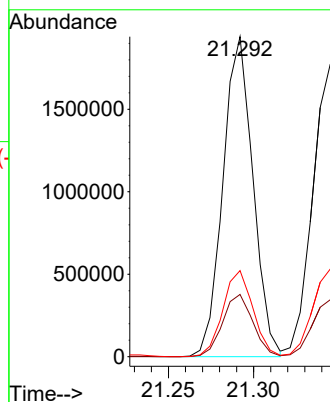
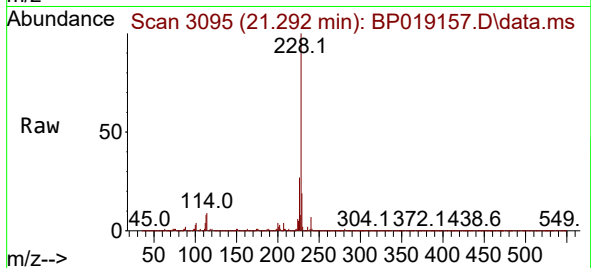
Tgt Ion:228 Resp: 2378484

Ion Ratio Lower Upper

228 100

229 19.5 15.5 23.3

226 26.9 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 38.627 ng/ul

RT: 21.221 min Scan# 3083

Delta R.T. -0.000 min

Lab File: BP019157.D

Acq: 29 Dec 2023 10:07

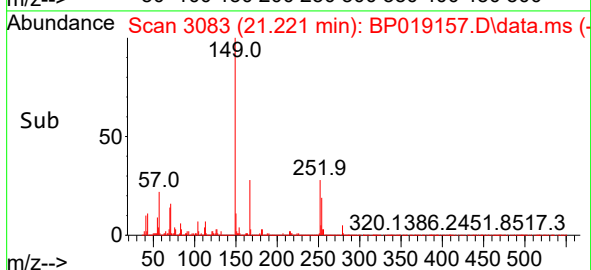
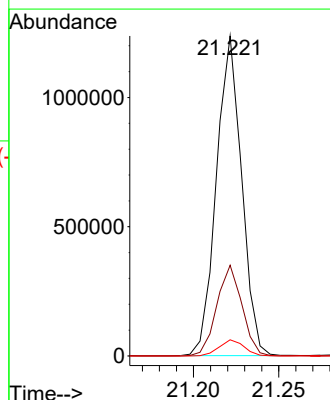
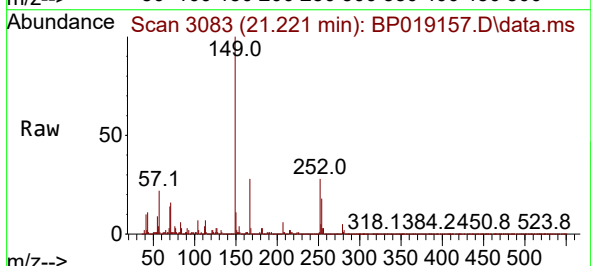
Tgt Ion:149 Resp: 1273658

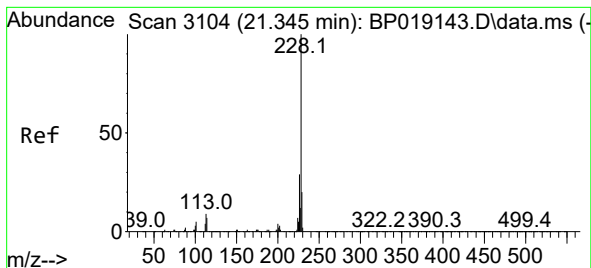
Ion Ratio Lower Upper

149 100

167 28.4 22.5 33.7

279 5.1 4.0 6.0





#87

Chrysene

Concen: 35.426 ng/ul

RT: 21.345 min Scan# 3104

Delta R.T. -0.000 min

Lab File: BP019157.D

Acq: 29 Dec 2023 10:07

Instrument :

BNA_P

ClientSampleId :

SLCS093

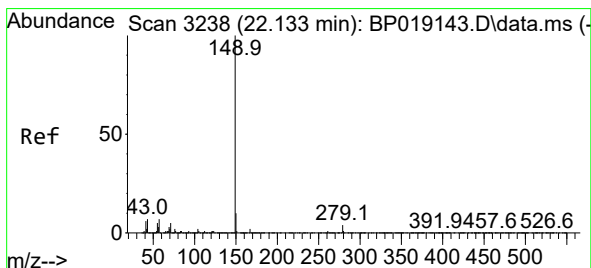
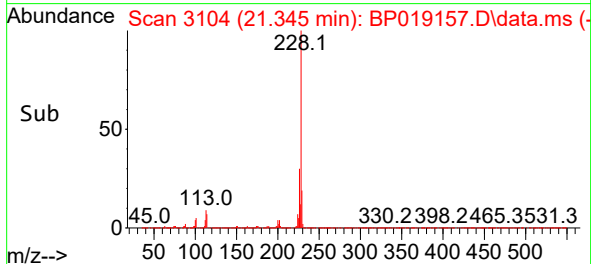
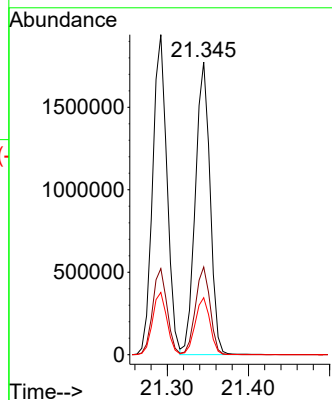
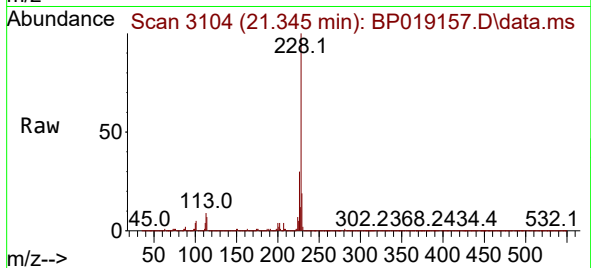
Tgt Ion:228 Resp: 2233047

Ion Ratio Lower Upper

228 100

226 29.9 23.4 35.2

229 19.4 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 40.320 ng/ul

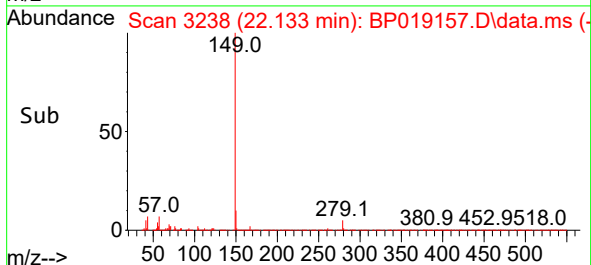
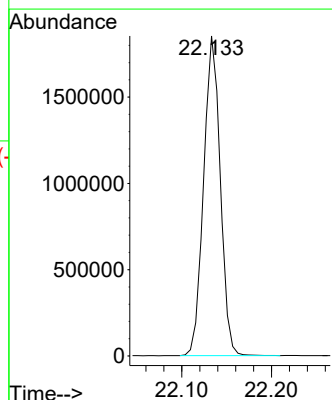
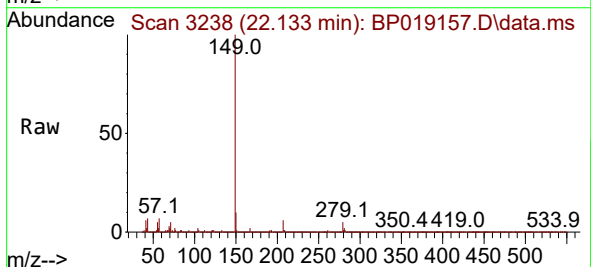
RT: 22.133 min Scan# 3238

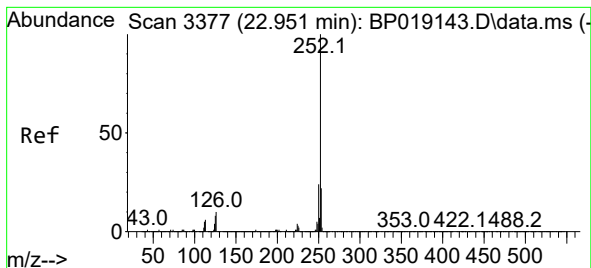
Delta R.T. -0.000 min

Lab File: BP019157.D

Acq: 29 Dec 2023 10:07

Tgt Ion:149 Resp: 2381213





#90

Benzo(b)fluoranthene

Concen: 35.078 ng/ul

RT: 22.951 min Scan# 3377

Delta R.T. -0.000 min

Lab File: BP019157.D

Acq: 29 Dec 2023 10:07

Instrument :

BNA_P

ClientSampleId :

SLCS093

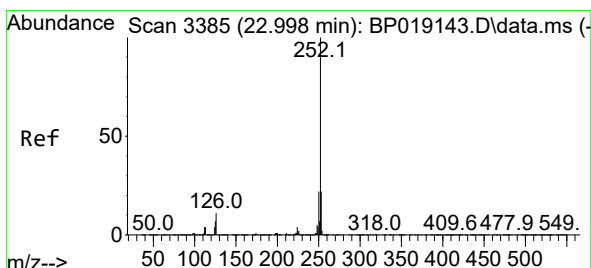
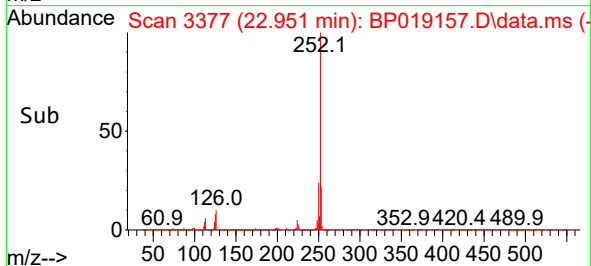
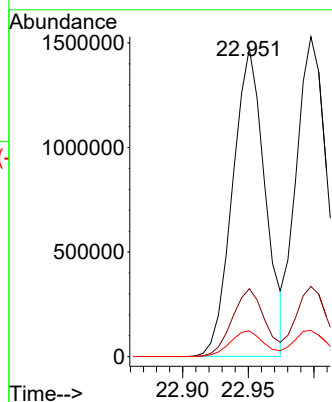
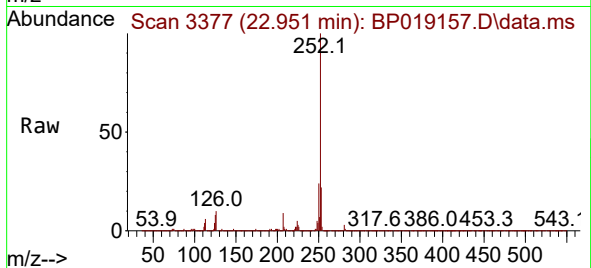
Tgt Ion:252 Resp: 2544614

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 8.3 6.8 10.2



#91

Benzo(k)fluoranthene

Concen: 35.193 ng/ul

RT: 22.998 min Scan# 3385

Delta R.T. -0.000 min

Lab File: BP019157.D

Acq: 29 Dec 2023 10:07

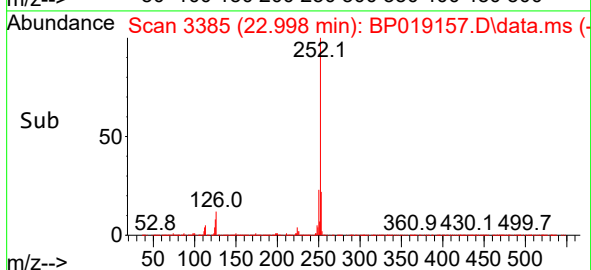
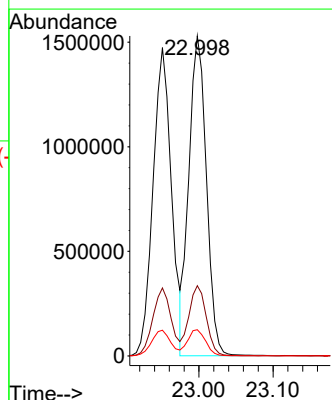
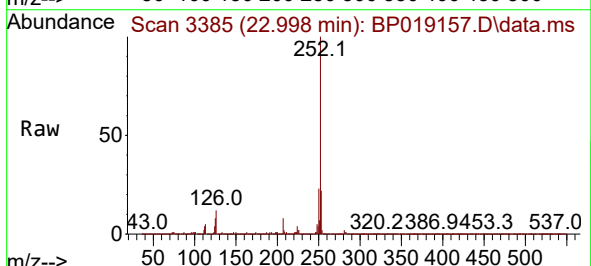
Tgt Ion:252 Resp: 2508594

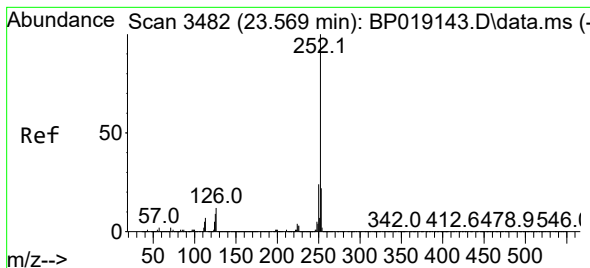
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 8.2 6.7 10.1





#93

Benzo(a)pyrene

Concen: 35.386 ng/ul

RT: 23.568 min Scan# 34

Delta R.T. -0.000 min

Lab File: BP019157.D

Acq: 29 Dec 2023 10:07

Instrument :

BNA_P

ClientSampleId :

SLCS093

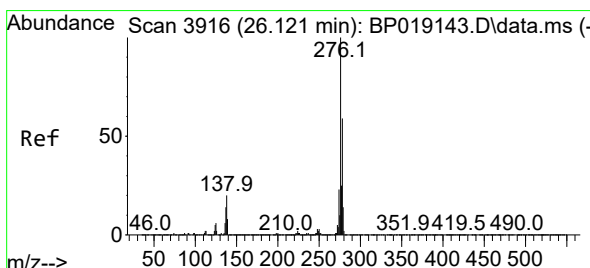
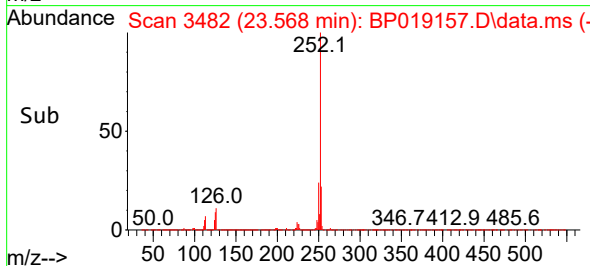
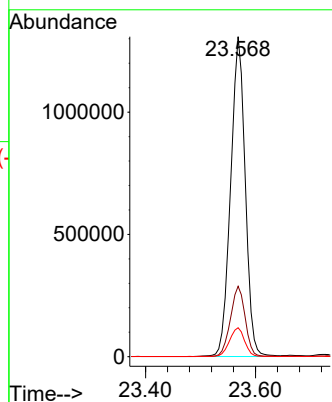
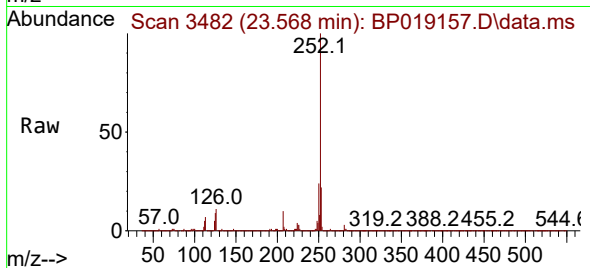
Tgt Ion:252 Resp: 2416026

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.0 7.4 11.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 35.392 ng/ul

RT: 26.127 min Scan# 3917

Delta R.T. 0.006 min

Lab File: BP019157.D

Acq: 29 Dec 2023 10:07

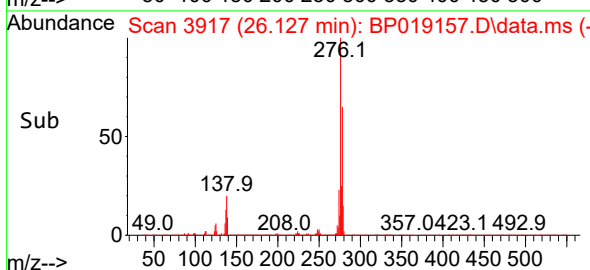
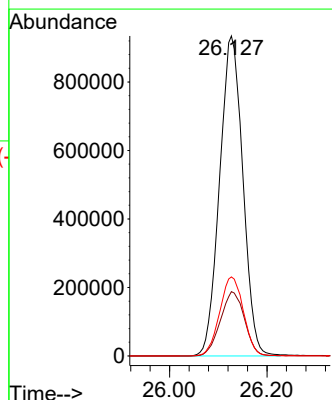
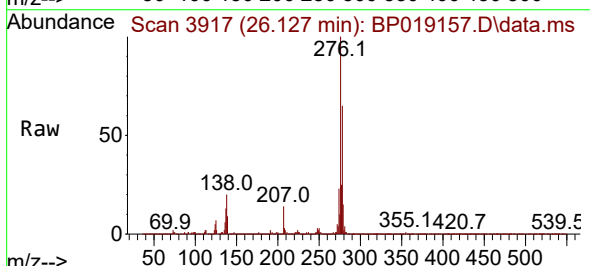
Tgt Ion:276 Resp: 3097721

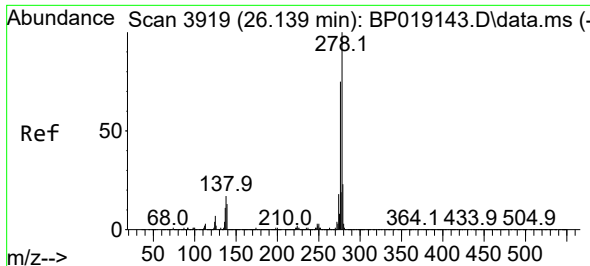
Ion Ratio Lower Upper

276 100

138 20.1 16.6 25.0

277 24.7 19.5 29.3

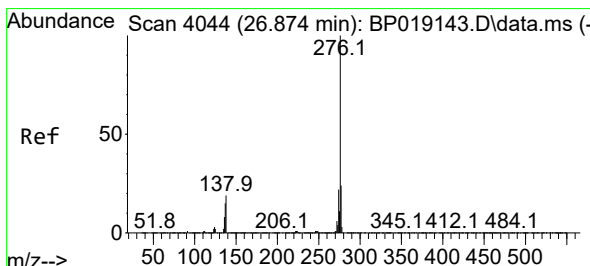
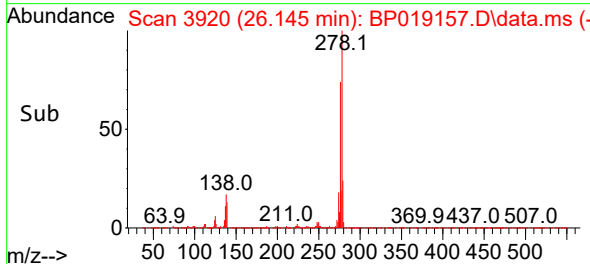
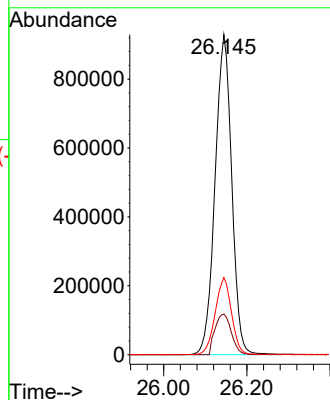
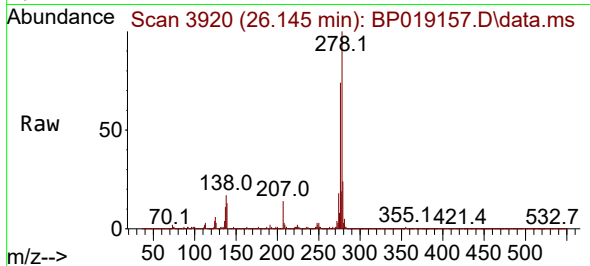




#95
Dibenzo(a,h)anthracene
Concen: 35.466 ng/ul
RT: 26.145 min Scan# 3919
Delta R.T. 0.006 min
Lab File: BP019157.D
Acq: 29 Dec 2023 10:07

Instrument :
BNA_P
ClientSampleId :
SLCS093

Tgt Ion:278 Resp: 2582320
Ion Ratio Lower Upper
278 100
139 12.7 11.0 16.4
279 24.1 19.2 28.8



#96
Benzo(g,h,i)perylene
Concen: 35.422 ng/ul
RT: 26.886 min Scan# 4046
Delta R.T. 0.012 min
Lab File: BP019157.D
Acq: 29 Dec 2023 10:07

Tgt Ion:276 Resp: 2484504
Ion Ratio Lower Upper
276 100
138 17.4 15.2 22.8
277 24.1 19.4 29.0

