

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122823\
 Data File : BP019197.D
 Acq On : 30 Dec 2023 09:27
 Operator : MA/JU
 Sample : PB158060BS
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS060

Quant Time: Jan 01 00:22:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 03:48:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	213332	20.000	ng/u1	0.00
20) Naphthalene-d8	10.593	136	800901	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.440	164	499449	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.198	188	1167973	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1279446	20.000	ng/u1	0.00
88) Perylene-d12	23.663	264	1506864	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	35307	5.652	ng/uL	0.00
4) Pyridine-d5	3.652	84	451430	28.794	ng/u1	0.00
7) Phenol-d5	6.975	99	522412	27.307	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	302911	27.369	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	416955	27.034	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	397948	26.718	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	193281	27.917	ng/u1	0.00
24) 2-Nitrophenol-d4	9.681	143	210492	28.132	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	427087	28.267	ng/u1	0.00
31) 4-Chloroaniline-d4	10.740	131	522032	28.090	ng/u1	0.00
46) Dimethylphthalate-d6	13.863	166	1195886	27.108	ng/u1	0.00
49) Acenaphthylene-d8	14.134	160	1362115	28.456	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	223108	29.950	ng/u1	0.00
60) Fluorene-d10	15.440	176	1044460	27.405	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	218278	28.507	ng/u1	0.00
73) Anthracene-d10	17.298	188	1667569	27.339	ng/u1	0.00
81) Pyrene-d10	19.545	212	2155993	27.650	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.516	264	2443456	28.211	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.270	88	71562	10.420	ng/uL	99
5) Pyridine	3.670	79	455633	28.631	ng/u1	96
6) Benzaldehyde	6.946	77	272824	30.714	ng/u1	97
8) Phenol	7.005	94	534303	28.276	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.234	93	430297	28.144	ng/u1	97
12) 2-Chlorophenol	7.364	128	428170	27.124	ng/u1	99
13) 2-Methylphenol	8.252	108	389982	27.898	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.328	45	499126	27.674	ng/u1	99
16) Acetophenone	8.628	105	623564	27.953	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.616	70	295119	26.531	ng/u1	97
18) 4-Methylphenol	8.581	108	419563	27.885	ng/u1	100
19) Hexachloroethane	8.869	117	183048	27.646	ng/u1	96
22) Nitrobenzene	9.005	77	466971	27.608	ng/u1	98
23) Isophorone	9.534	82	846071	27.739	ng/u1	99
25) 2-Nitrophenol	9.716	139	232010	29.041	ng/u1	95
26) 2,4-Dimethylphenol	9.781	107	374482	26.626	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.016	93	548509	27.209	ng/u1	99
29) 2,4-Dichlorophenol	10.246	162	416579	28.214	ng/u1	98
30) Naphthalene	10.646	128	1298947	26.900	ng/u1	100
32) 4-Chloroaniline	10.763	127	477717	26.788	ng/u1	100
33) Hexachlorobutadiene	10.922	225	310934	27.364	ng/u1	97
34) Caprolactam	11.552	113	80256	20.579	ng/u1	97
35) 4-Chloro-3-methylphenol	11.899	107	411307	28.378	ng/u1	99
36) 2-Methylnaphthalene	12.257	142	892163	27.403	ng/u1	99

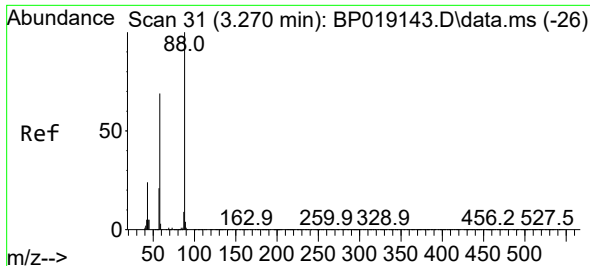
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122823\
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.475	142	871780	26.554	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.628	216	563326	27.386	ng/ul	98
40) Hexachlorocyclopentadiene	12.604	237	303369	26.570	ng/ul	98
41) 2,4,6-Trichlorophenol	12.875	196	339785	27.679	ng/ul	99
42) 2,4,5-Trichlorophenol	12.946	196	367800	28.225	ng/ul	98
43) 1,1'-Biphenyl	13.275	154	1165519	26.752	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	947135	27.092	ng/ul	99
45) 2-Nitroaniline	13.534	65	247088	29.441	ng/ul	97
47) Dimethylphthalate	13.910	163	1192507	27.384	ng/ul	100
48) 2,6-Dinitrotoluene	14.034	165	241104	30.130	ng/ul	94
50) Acenaphthylene	14.163	152	1512646	28.087	ng/ul	100
51) 3-Nitroaniline	14.357	138	231175	29.551	ng/ul	97
52) Acenaphthene	14.504	153	996344	27.296	ng/ul	99
53) 2,4-Dinitrophenol	14.569	184	135088	26.204	ng/ul	96
55) 4-Nitrophenol	14.675	109	174839	29.367	ng/ul	94
56) Dibenzofuran	14.840	168	1415210	27.150	ng/ul	99
57) 2,4-Dinitrotoluene	14.822	165	359722	30.567	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.069	232	329208	28.916	ng/ul	98
59) Diethylphthalate	15.275	149	1166732	27.633	ng/ul	100
61) Fluorene	15.493	166	1148223	27.521	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.493	204	619740	27.200	ng/ul	98
63) 4-Nitroaniline	15.528	138	249735	31.730	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.581	198	235750	29.080	ng/ul	98
67) N-Nitrosodiphenylamine	15.710	169	984312	27.613	ng/ul	99
68) 4-Bromophenyl-phenylether	16.387	248	403794	27.815	ng/ul	97
69) Hexachlorobenzene	16.498	284	483479	27.252	ng/ul	98
70) Atrazine	16.669	200	366225	36.404	ng/ul	98
71) Pentachlorophenol	16.845	266	297687	28.580	ng/ul	98
72) Phenanthrene	17.239	178	1926742	27.221	ng/ul	99
74) Anthracene	17.334	178	1963002	27.858	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.234	216	548272	26.998	ng/ul	99
76) Pentachlorobenzene	14.757	250	536196	26.571	ng/ul	99
77) Carbazole	17.610	167	1786875	30.486	ng/ul	100
78) Di-n-butylphthalate	18.169	149	2045047	28.132	ng/ul	100
80) Fluoranthene	19.216	202	2507400	28.023	ng/ul	99
82) Pyrene	19.575	202	2610469	27.846	ng/ul	98
83) Butylbenzylphthalate	20.457	149	970077	28.969	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.227	252	916223	28.627	ng/ul	100
85) Benzo(a)anthracene	21.286	228	2852827	28.221	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	1415345	28.704	ng/ul	100
87) Chrysene	21.339	228	2625727	27.855	ng/ul	99
89) Di-n-octyl phthalate	22.127	149	2488309	28.877	ng/ul	100
90) Benzo(b)fluoranthene	22.945	252	2979914	28.154	ng/ul	99
91) Benzo(k)fluoranthene	22.992	252	2932620	28.197	ng/ul	99
93) Benzo(a)pyrene	23.563	252	2814783	28.255	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.115	276	3565854	27.922	ng/ul	99
95) Dibenzo(a,h)anthracene	26.139	278	2972745	27.982	ng/ul	99
96) Benzo(g,h,i)perylene	26.874	276	2878237	28.124	ng/ul	99

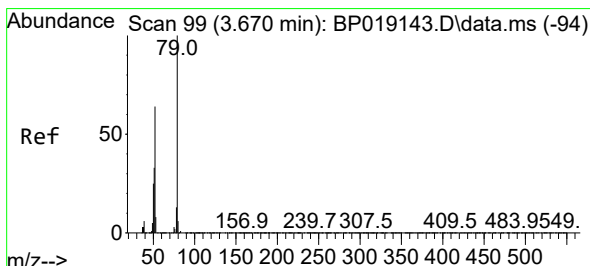
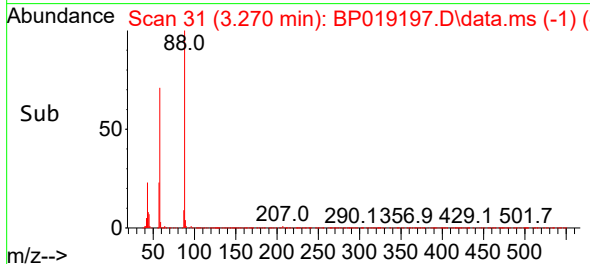
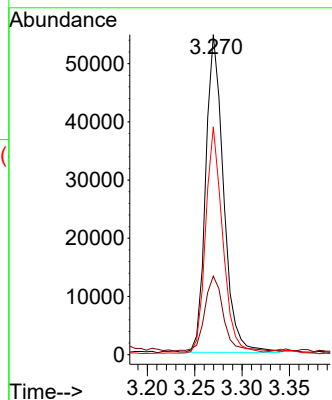
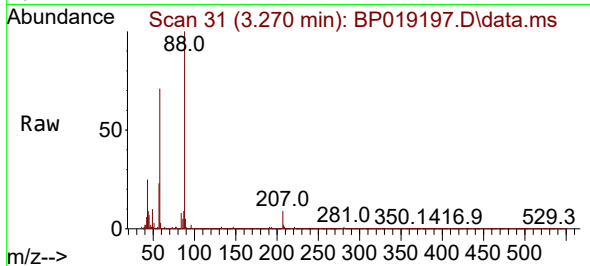
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#2
1,4-Dioxane
Concen: 10.420 ng/uL
RT: 3.270 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP019197.D
Acq: 30 Dec 2023 09:27

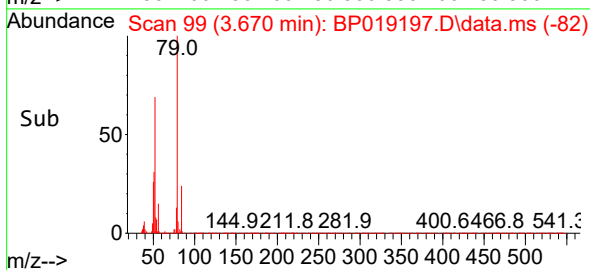
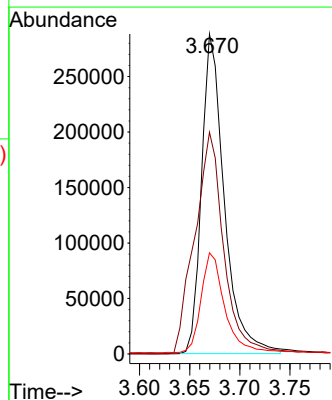
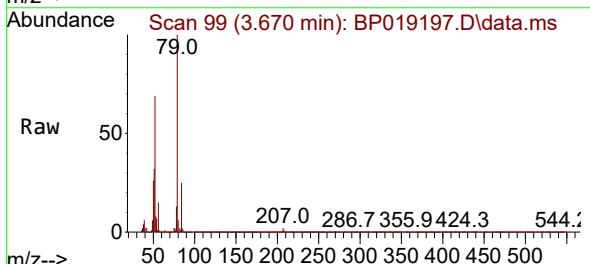
Instrument :
BNA_P
ClientSampleId :
SLCS060

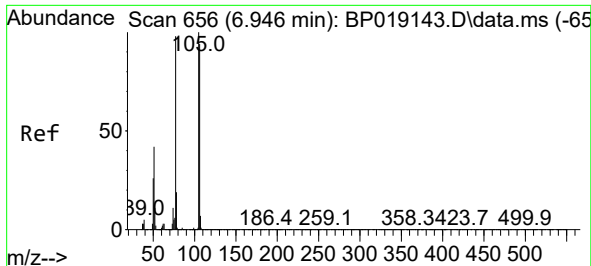
Tgt Ion: 88 Resp: 71562
Ion Ratio Lower Upper
88 100
43 24.6 21.0 31.4
58 71.2 56.6 84.8



#5
Pyridine
Concen: 28.631 ng/uL
RT: 3.670 min Scan# 99
Delta R.T. 0.000 min
Lab File: BP019197.D
Acq: 30 Dec 2023 09:27

Tgt Ion: 79 Resp: 455633
Ion Ratio Lower Upper
79 100
52 69.3 52.4 78.6
51 31.6 25.9 38.9

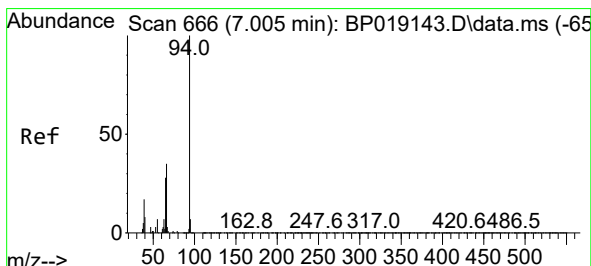
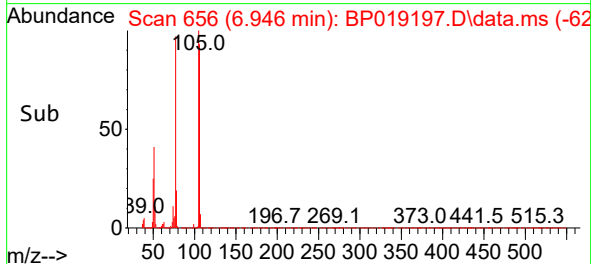
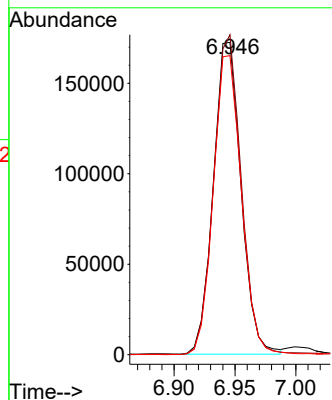
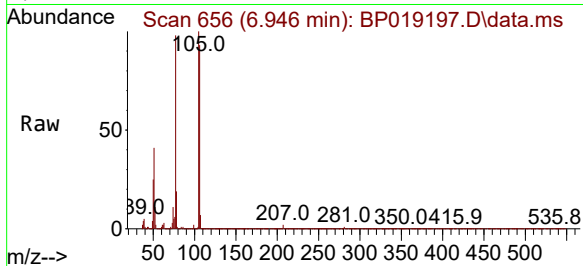




#6
Benzaldehyde
Concen: 30.714 ng/ul
RT: 6.946 min Scan# 656
Delta R.T. 0.000 min
Lab File: BP019197.D
Acq: 30 Dec 2023 09:27

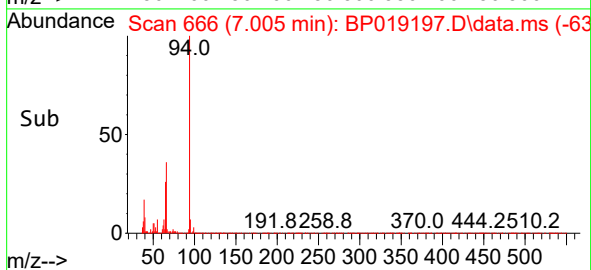
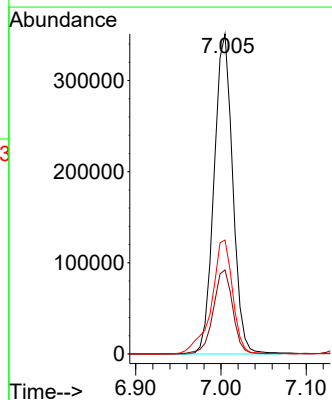
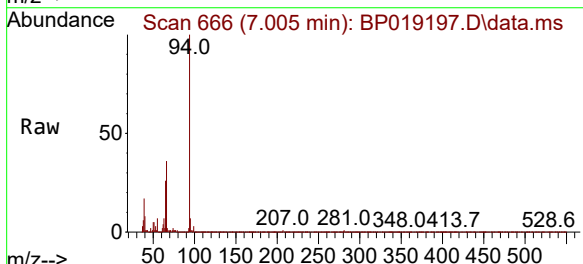
Instrument :
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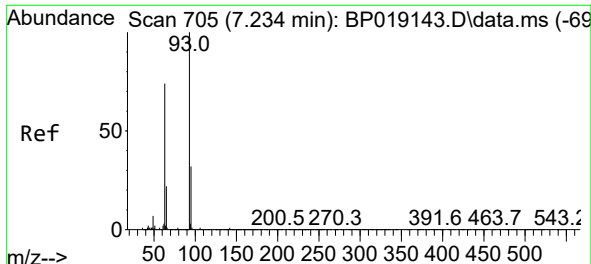
Tgt Ion: 77 Resp: 272824
Ion Ratio Lower Upper
77 100
105 102.4 78.6 117.8
106 95.7 74.8 112.2



#8
Phenol
Concen: 28.276 ng/ul
RT: 7.005 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP019197.D
Acq: 30 Dec 2023 09:27

Tgt Ion: 94 Resp: 534303
Ion Ratio Lower Upper
94 100
65 26.3 21.1 31.7
66 35.6 29.3 43.9



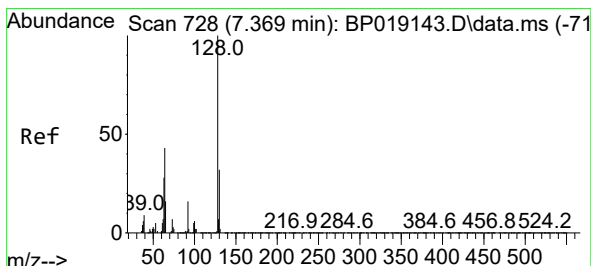
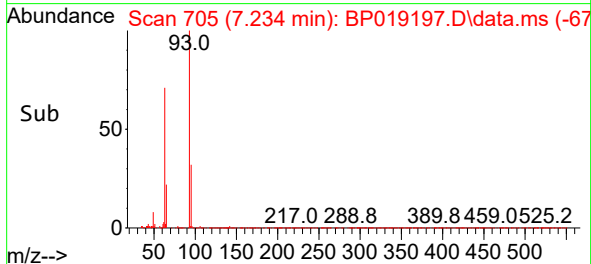
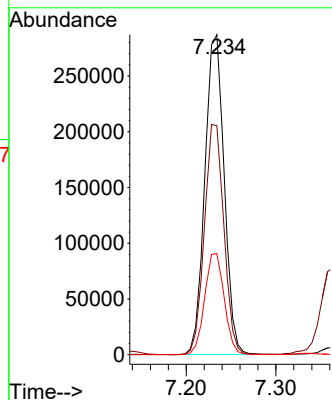
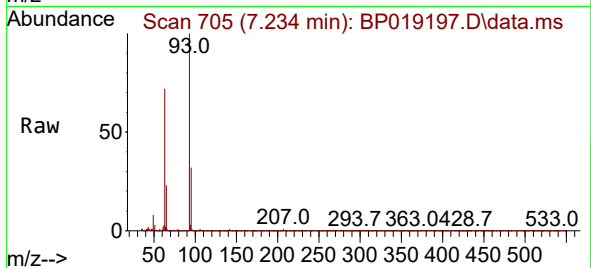


#10
 Bis(2-Chloroethyl)ether
 Concen: 28.144 ng/ul
 RT: 7.234 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: BP019197.D
 Acq: 30 Dec 2023 09:27

Instrument :
 BNA_P
 ClientSampleId :
 SLCS060

Tgt Ion: 93 Resp: 430297

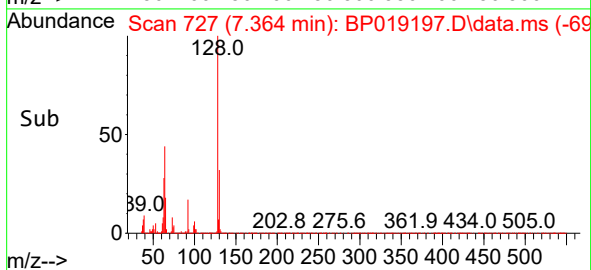
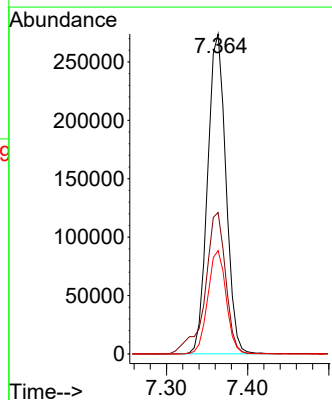
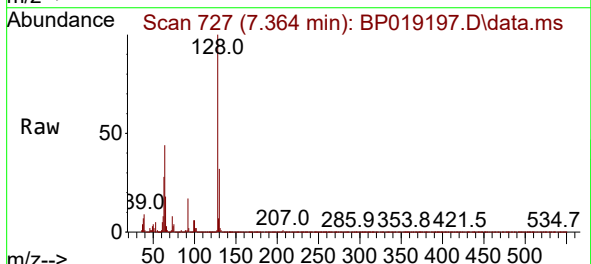
Ion	Ratio	Lower	Upper
93	100		
63	71.5	59.4	89.0
95	31.7	26.6	40.0

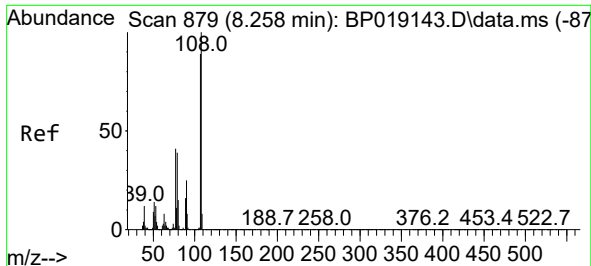


#12
 2-Chlorophenol
 Concen: 27.124 ng/ul
 RT: 7.364 min Scan# 727
 Delta R.T. -0.006 min
 Lab File: BP019197.D
 Acq: 30 Dec 2023 09:27

Tgt Ion:128 Resp: 428170

Ion	Ratio	Lower	Upper
128	100		
64	44.2	35.9	53.9
130	32.3	25.3	37.9





#13

2-Methylphenol

Concen: 27.898 ng/ul

RT: 8.252 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP019197.D

Acq: 30 Dec 2023 09:27

Instrument :

BNA_P

ClientSampleId :

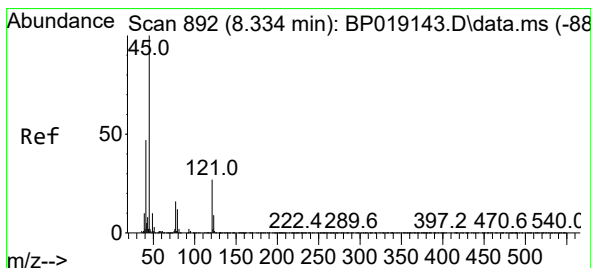
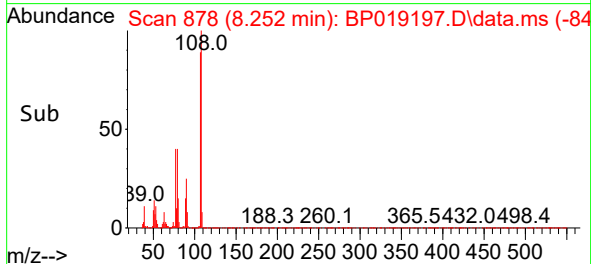
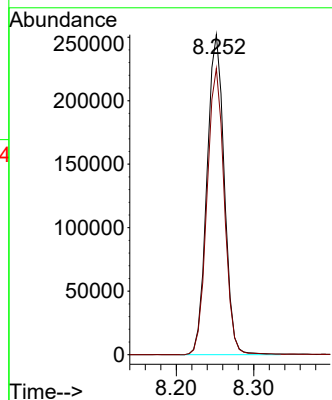
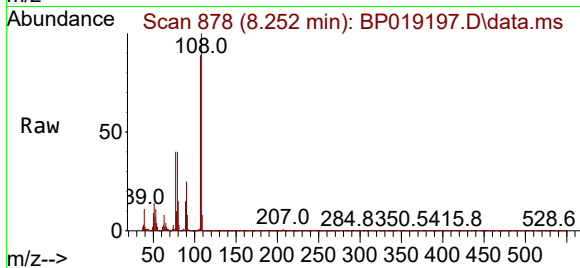
SLCS060

Tgt Ion:108 Resp: 389982

Ion Ratio Lower Upper

108 100

107 89.5 72.6 109.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 27.674 ng/ul

RT: 8.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BP019197.D

Acq: 30 Dec 2023 09:27

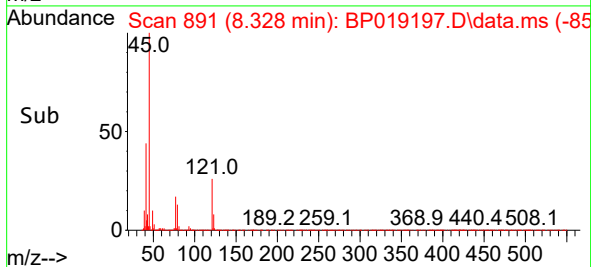
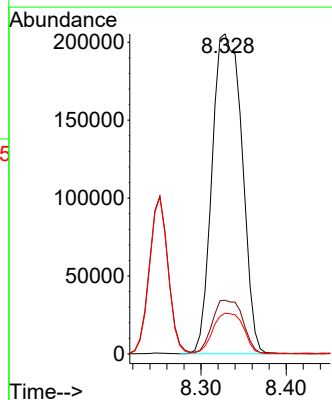
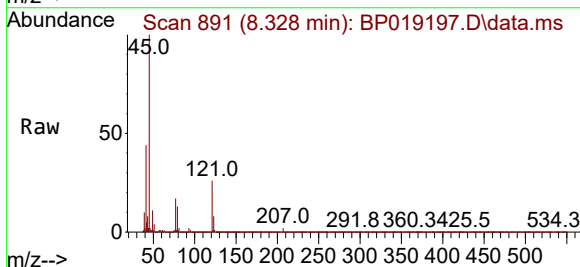
Tgt Ion: 45 Resp: 499126

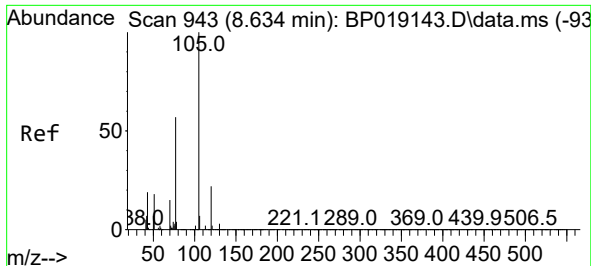
Ion Ratio Lower Upper

45 100

77 16.8 13.6 20.4

79 12.8 9.7 14.5

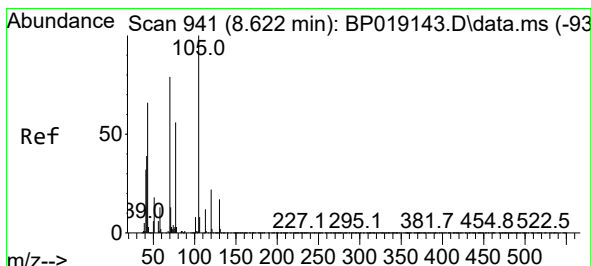
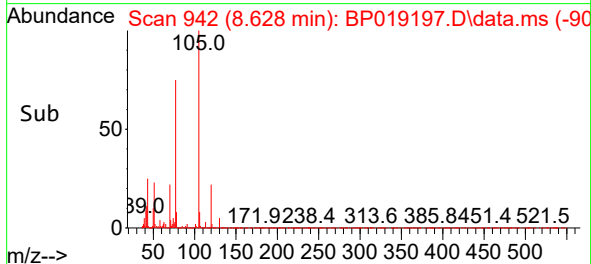
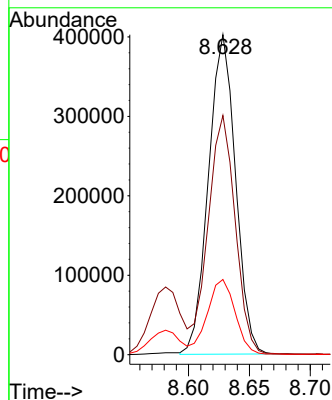
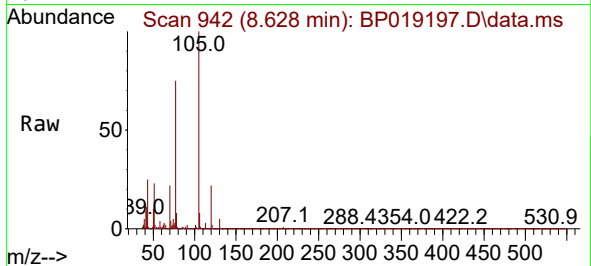




#16
Acetophenone
Concen: 27.953 ng/ul
RT: 8.628 min Scan# 941
Delta R.T. -0.006 min
Lab File: BP019197.D
Acq: 30 Dec 2023 09:27

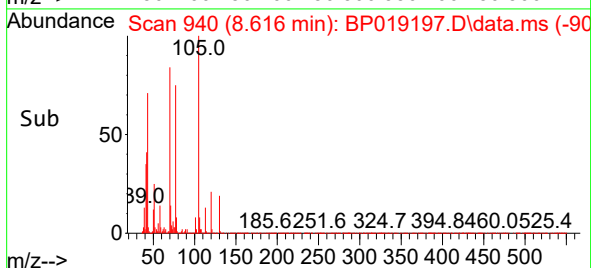
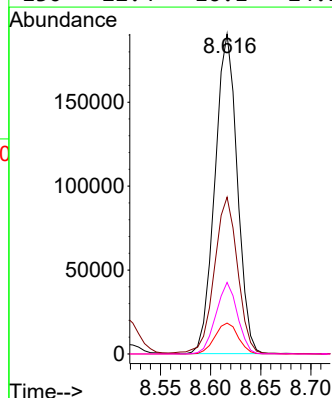
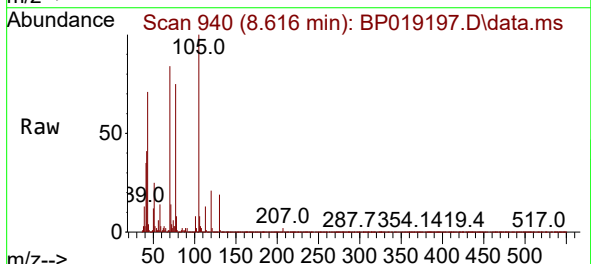
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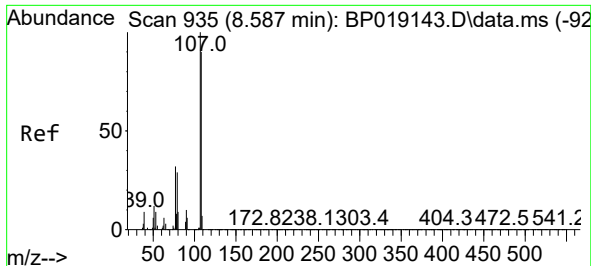
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Ion Ratio Lower Upper
105 100
77 74.8 59.8 89.6
51 23.5 19.3 28.9



#17
N-Nitroso-di-n-propylamine
Concen: 26.531 ng/ul
RT: 8.616 min Scan# 940
Delta R.T. -0.006 min
Lab File: BP019197.D
Acq: 30 Dec 2023 09:27

Tgt Ion: 70 Resp: 295119
Ion Ratio Lower Upper
70 100
42 49.0 40.6 61.0
101 9.6 7.3 10.9
130 22.4 16.1 24.1

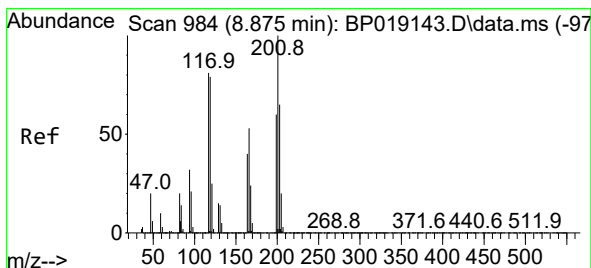
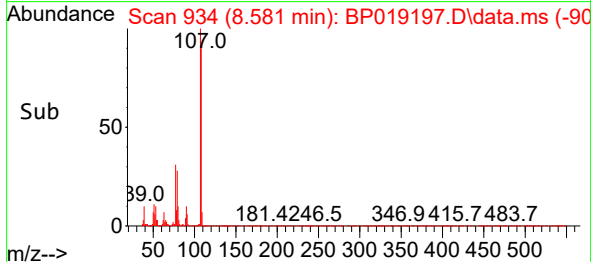
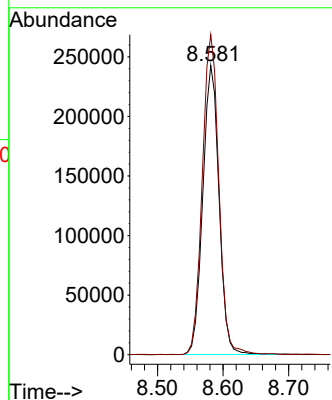
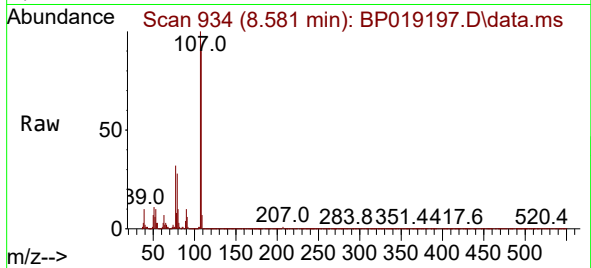




#18
4-Methylphenol
Concen: 27.885 ng/ul
RT: 8.581 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP019197.D
Acq: 30 Dec 2023 09:27

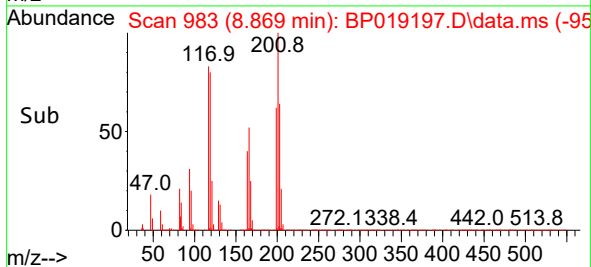
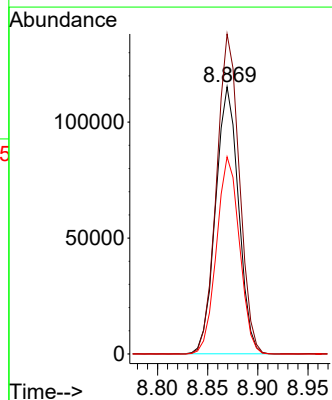
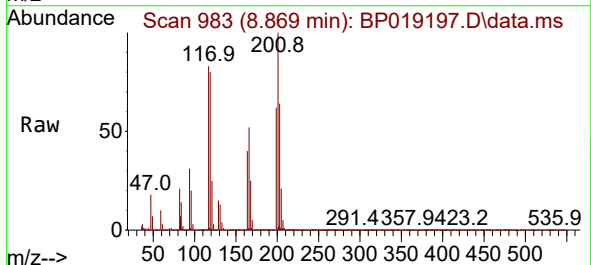
Instrument :
BNA_P
ClientSampleId :
SLCS060

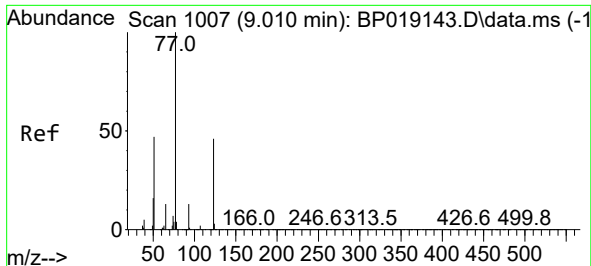
Tgt Ion:108 Resp: 419563
Ion Ratio Lower Upper
108 100
107 110.6 88.1 132.1



#19
Hexachloroethane
Concen: 27.646 ng/ul
RT: 8.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BP019197.D
Acq: 30 Dec 2023 09:27

Tgt Ion:117 Resp: 183048
Ion Ratio Lower Upper
117 100
201 119.8 92.5 138.7
199 73.8 56.9 85.3

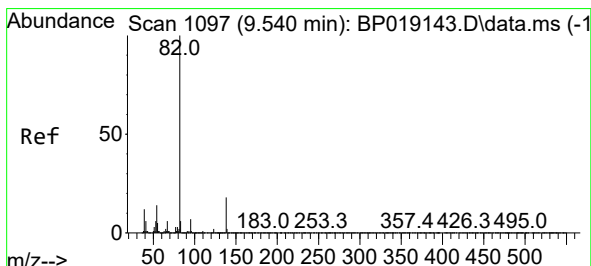
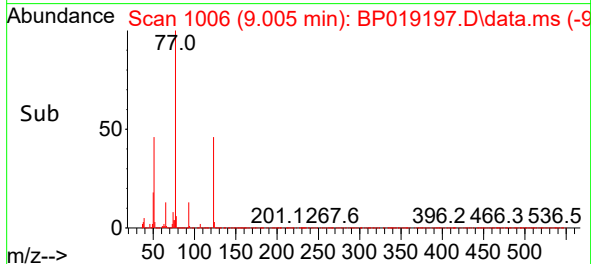
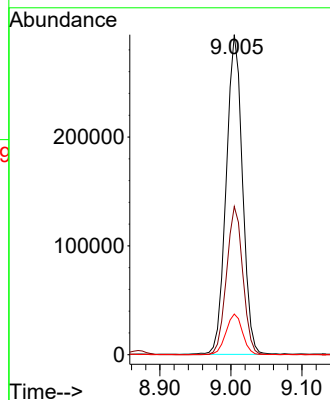
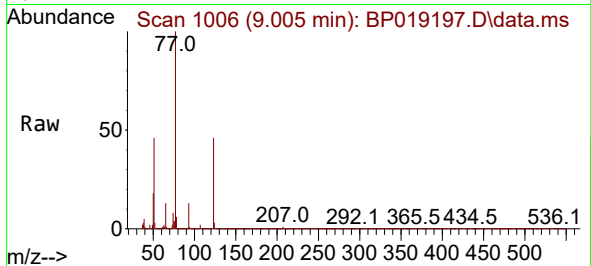




#22
Nitrobenzene
Concen: 27.608 ng/ul
RT: 9.005 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BP019197.D
Acq: 30 Dec 2023 09:27

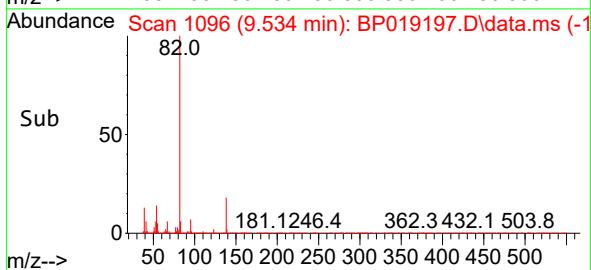
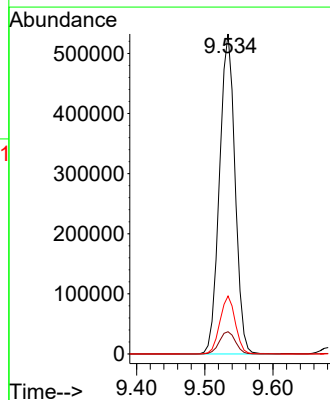
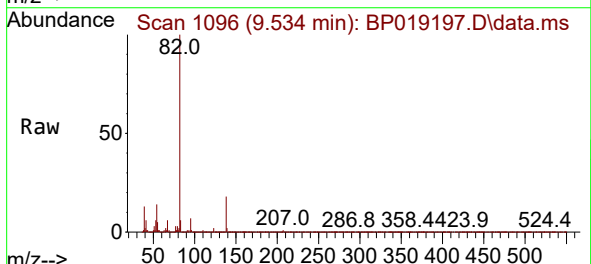
Instrument :
BNA_P
ClientSampleId :
SLCS060

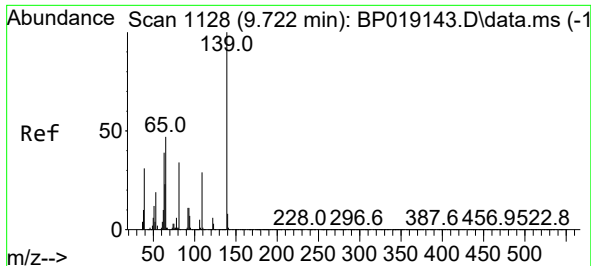
Tgt Ion: 77 Resp: 466971
Ion Ratio Lower Upper
77 100
123 46.3 35.5 53.3
65 12.7 10.3 15.5



#23
Isophorone
Concen: 27.739 ng/ul
RT: 9.534 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BP019197.D
Acq: 30 Dec 2023 09:27

Tgt Ion: 82 Resp: 846071
Ion Ratio Lower Upper
82 100
95 7.0 5.9 8.9
138 18.1 14.7 22.1

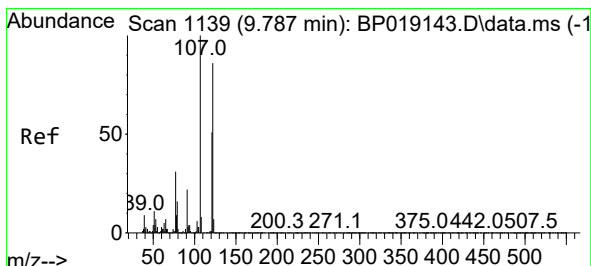
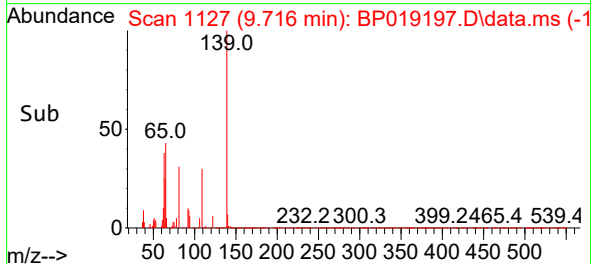
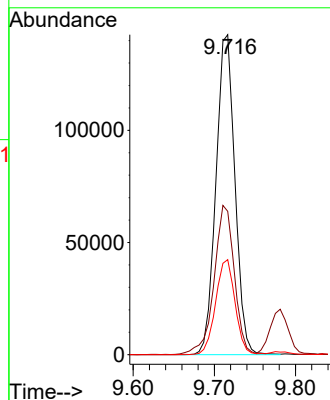
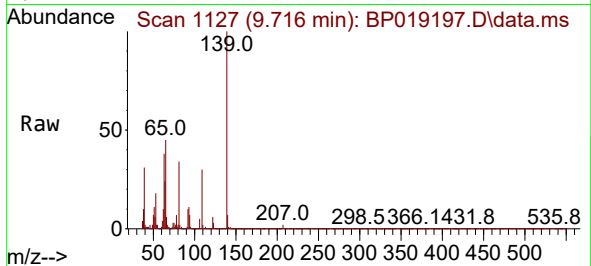




#25
2-Nitrophenol
Concen: 29.041 ng/ul
RT: 9.716 min Scan# 1127
Delta R.T. -0.006 min
Lab File: BP019197.D
Acq: 30 Dec 2023 09:27

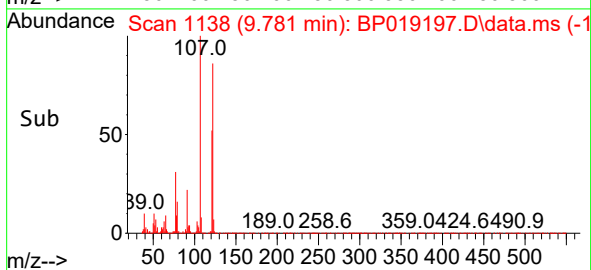
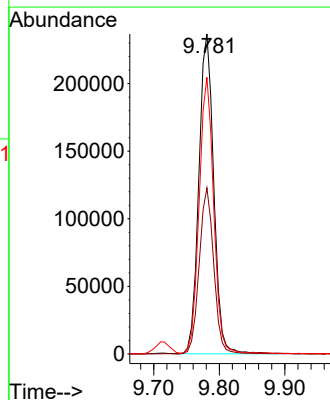
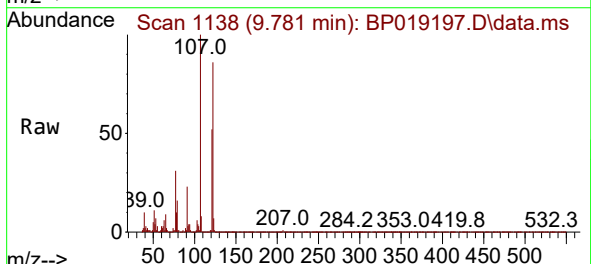
Instrument :
BNA_P
ClientSampleId :
SLCS060

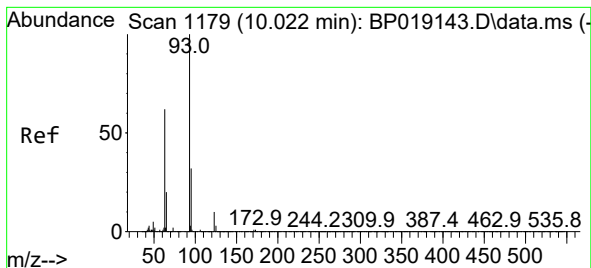
Tgt Ion:139 Resp: 232010
Ion Ratio Lower Upper
139 100
65 44.8 38.8 58.2
109 29.7 26.2 39.2



#26
2,4-Dimethylphenol
Concen: 26.626 ng/ul
RT: 9.781 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BP019197.D
Acq: 30 Dec 2023 09:27

Tgt Ion:107 Resp: 374482
Ion Ratio Lower Upper
107 100
121 51.9 39.8 59.6
122 86.4 66.4 99.6

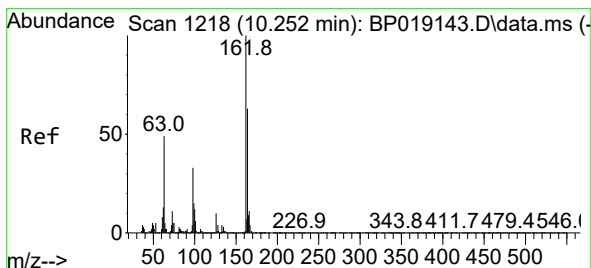
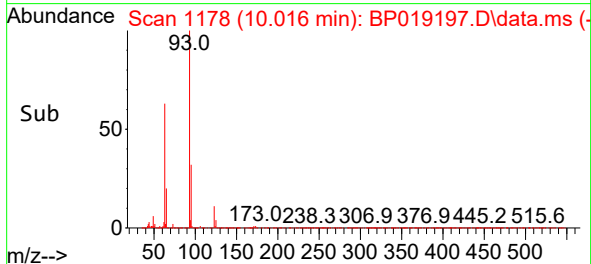
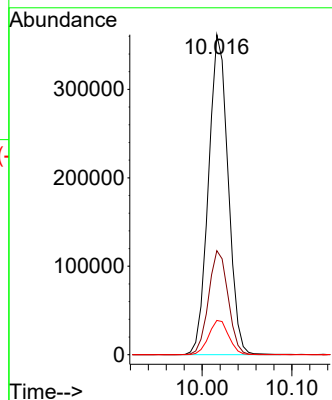
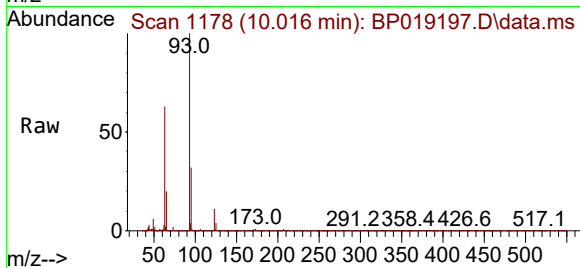




#27
Bis(2-Chloroethoxy)methane
Concen: 27.209 ng/ul
RT: 10.016 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BP019197.D
Acq: 30 Dec 2023 09:27

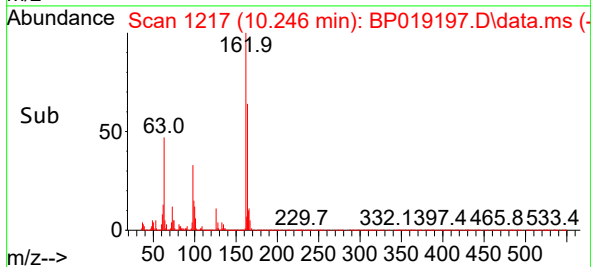
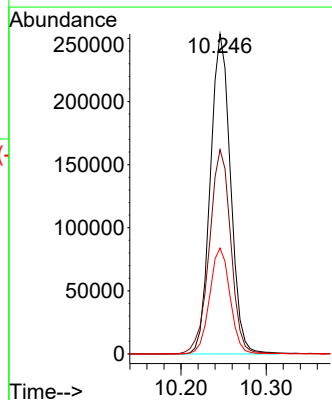
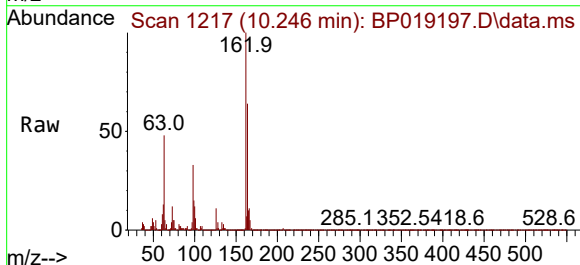
Instrument :
BNA_P
ClientSampleId :
SLCS060

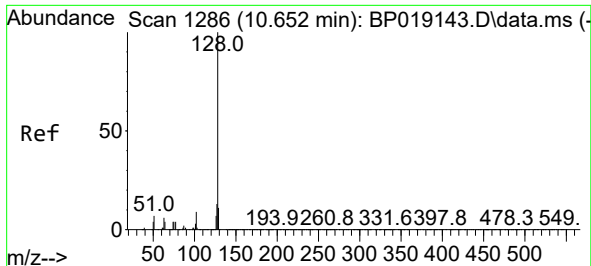
Tgt Ion: 93 Resp: 548509
Ion Ratio Lower Upper
93 100
95 32.5 26.7 40.1
123 10.7 8.5 12.7



#29
2,4-Dichlorophenol
Concen: 28.214 ng/ul
RT: 10.246 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BP019197.D
Acq: 30 Dec 2023 09:27

Tgt Ion:162 Resp: 416579
Ion Ratio Lower Upper
162 100
164 63.8 52.6 78.8
98 33.1 26.7 40.1

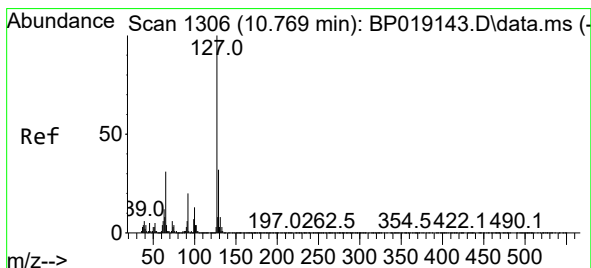
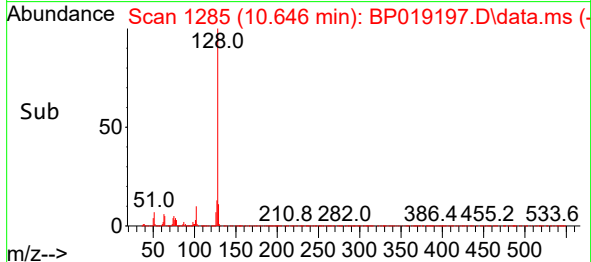
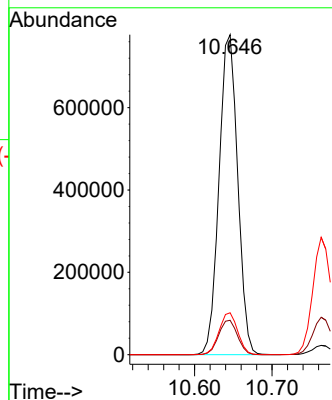
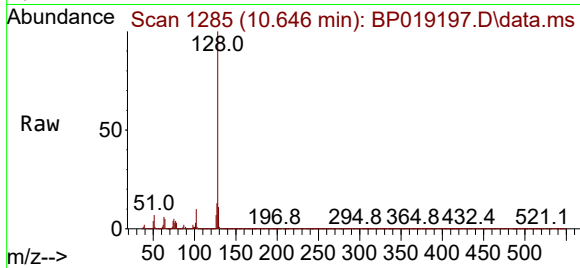




#30
Naphthalene
Concen: 26.900 ng/ul
RT: 10.646 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019197.D
Acq: 30 Dec 2023 09:27

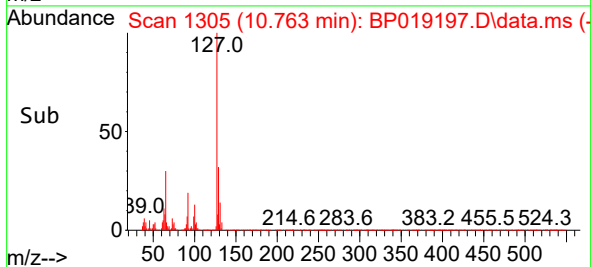
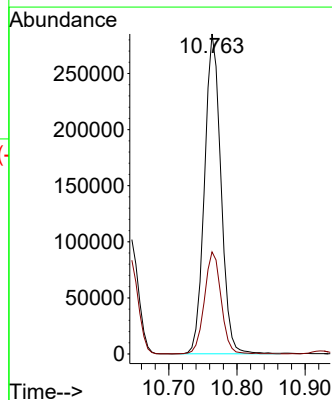
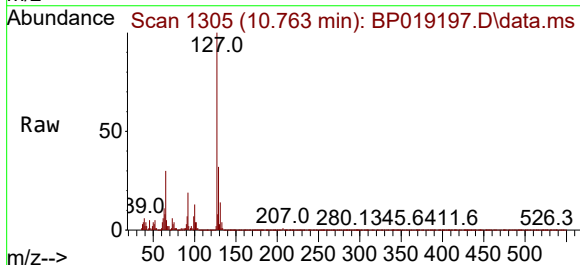
Instrument :
BNA_P
ClientSampleId :
SLCS060

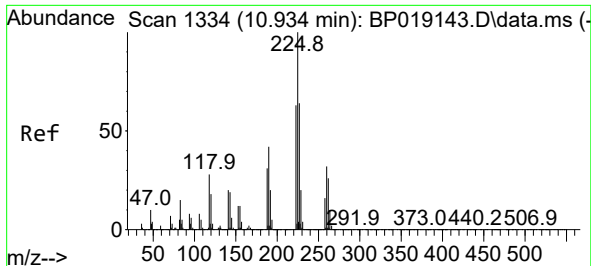
Tgt Ion:128 Resp: 1298947
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.1 10.6 15.8



#32
4-Chloroaniline
Concen: 26.788 ng/ul
RT: 10.763 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BP019197.D
Acq: 30 Dec 2023 09:27

Tgt Ion:127 Resp: 477717
Ion Ratio Lower Upper
127 100
129 31.9 25.6 38.4

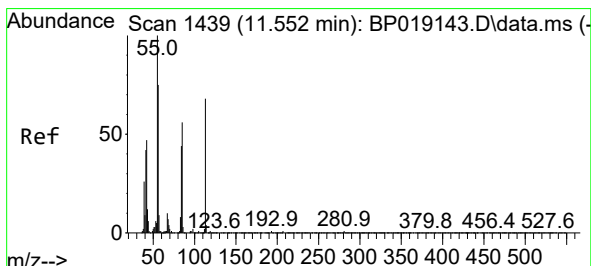
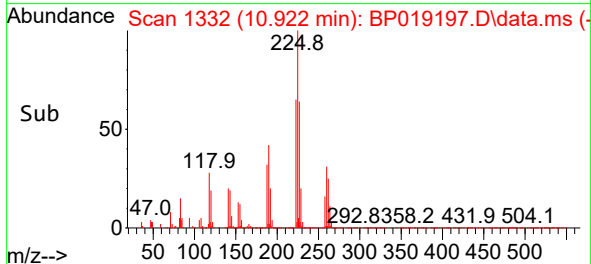
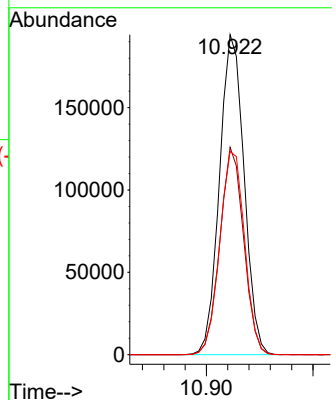
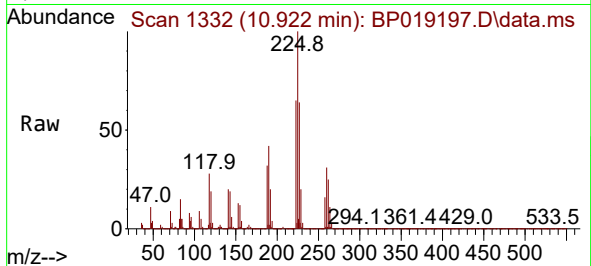




#33
Hexachlorobutadiene
Concen: 27.364 ng/ul
RT: 10.922 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP019197.D
Acq: 30 Dec 2023 09:27

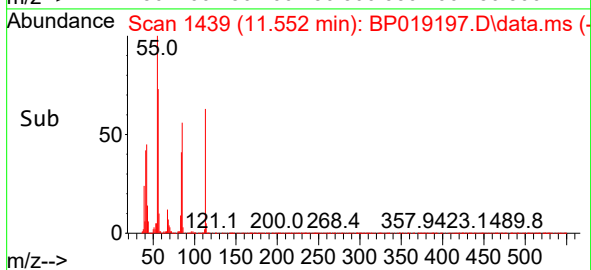
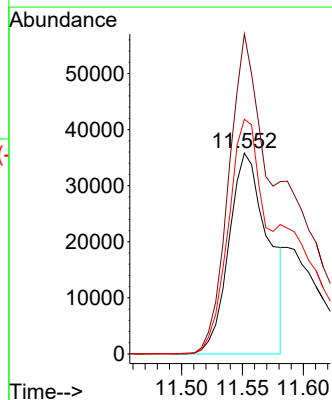
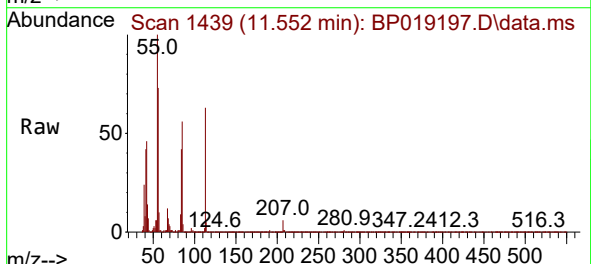
Instrument :
BNA_P
ClientSampleId :
SLCS060

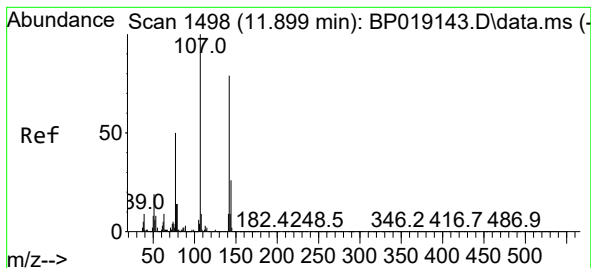
Tgt Ion:225 Resp: 310934
Ion Ratio Lower Upper
225 100
223 64.8 50.5 75.7
227 63.5 53.0 79.4



#34
Caprolactam
Concen: 20.579 ng/ul
RT: 11.552 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BP019197.D
Acq: 30 Dec 2023 09:27

Tgt Ion:113 Resp: 80256
Ion Ratio Lower Upper
113 100
55 159.4 122.6 184.0
56 116.9 93.0 139.4

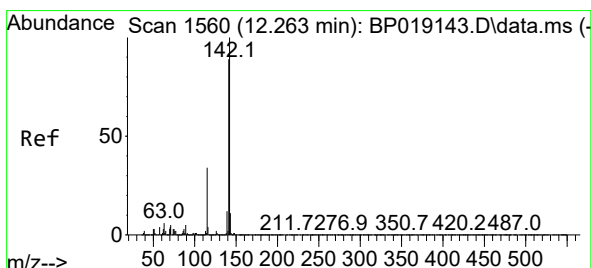
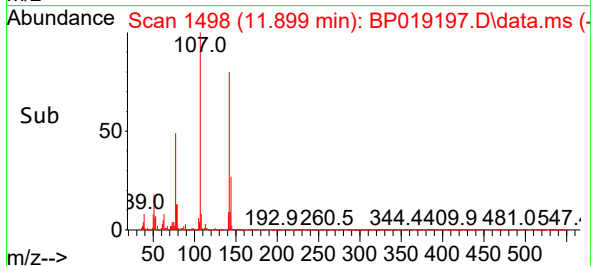
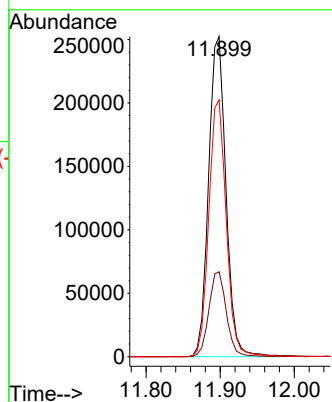
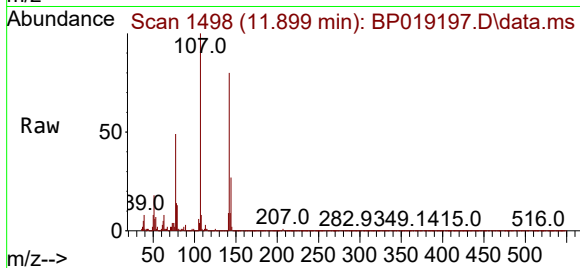




#35
4-Chloro-3-methylphenol
Concen: 28.378 ng/ul
RT: 11.899 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BP019197.D
Acq: 30 Dec 2023 09:27

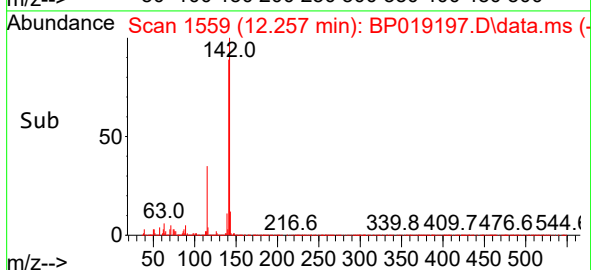
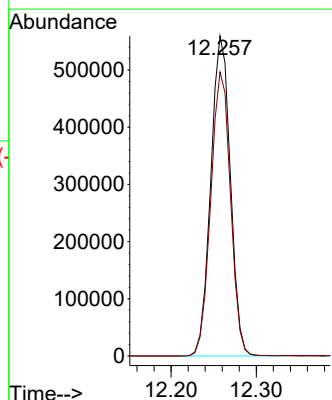
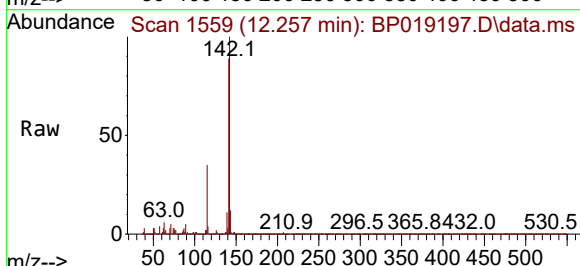
Instrument :
BNA_P
ClientSampleId :
SLCS060

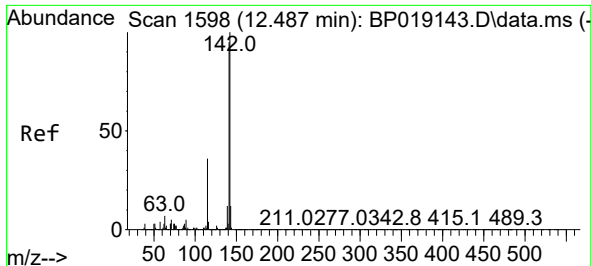
Tgt Ion:107 Resp: 411307
Ion Ratio Lower Upper
107 100
144 26.5 21.0 31.6
142 80.2 64.8 97.2



#36
2-Methylnaphthalene
Concen: 27.403 ng/ul
RT: 12.257 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BP019197.D
Acq: 30 Dec 2023 09:27

Tgt Ion:142 Resp: 892163
Ion Ratio Lower Upper
142 100
141 88.7 71.7 107.5

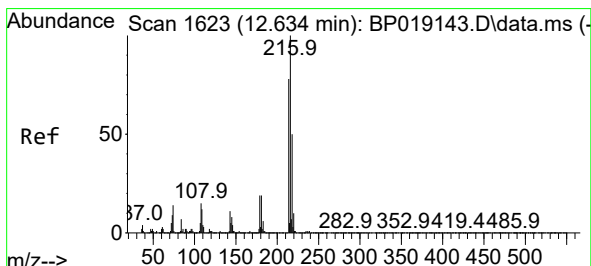
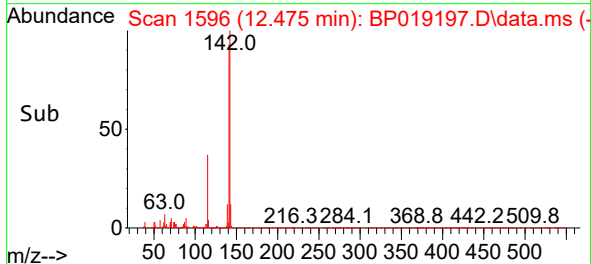
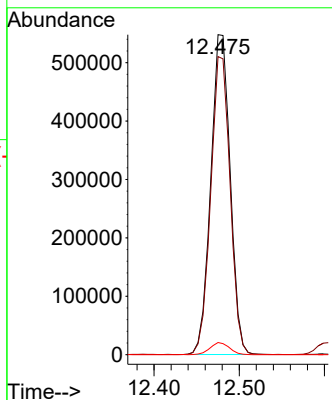
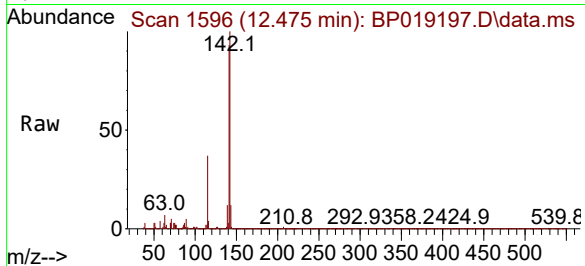




#37
1-Methylnaphthalene
Concen: 26.554 ng/ul
RT: 12.475 min Scan# 1598
Delta R.T. -0.012 min
Lab File: BP019197.D
Acq: 30 Dec 2023 09:27

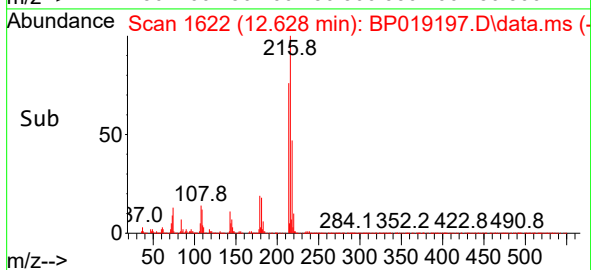
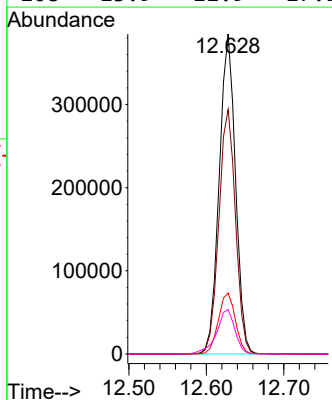
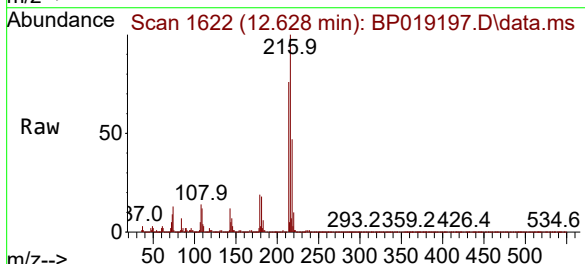
Instrument :
BNA_P
ClientSampleId :
SLCS060

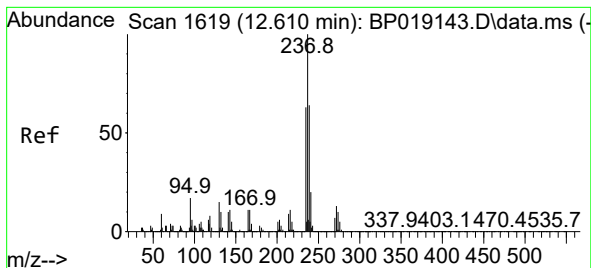
Tgt Ion:142 Resp: 871780
Ion Ratio Lower Upper
142 100
141 93.1 74.4 111.6
116 3.8 3.0 4.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 27.386 ng/ul
RT: 12.628 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BP019197.D
Acq: 30 Dec 2023 09:27

Tgt Ion:216 Resp: 563326
Ion Ratio Lower Upper
216 100
214 76.4 62.6 94.0
179 19.1 15.8 23.8
108 13.9 11.9 17.9





#40

Hexachlorocyclopentadiene

Concen: 26.570 ng/ul

RT: 12.604 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019197.D

Acq: 30 Dec 2023 09:27

Instrument :

BNA_P

ClientSampleId :

SLCS060

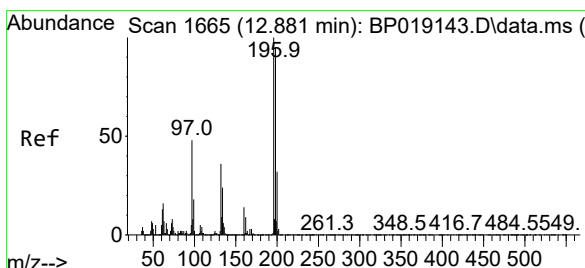
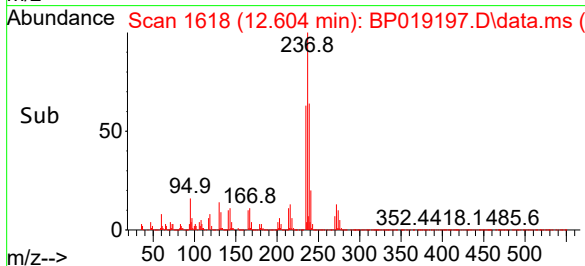
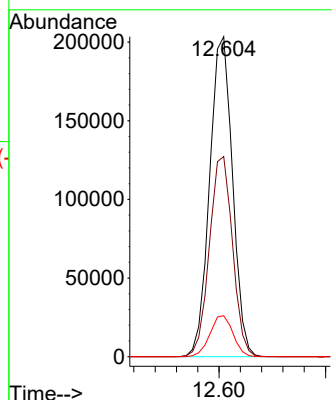
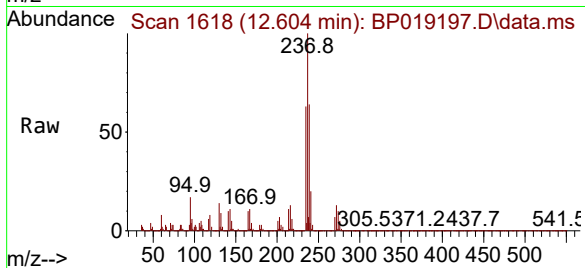
Tgt Ion:237 Resp: 303369

Ion Ratio Lower Upper

237 100

235 62.6 51.2 76.8

272 12.8 10.9 16.3



#41

2,4,6-Trichlorophenol

Concen: 27.679 ng/ul

RT: 12.875 min Scan# 1664

Delta R.T. -0.006 min

Lab File: BP019197.D

Acq: 30 Dec 2023 09:27

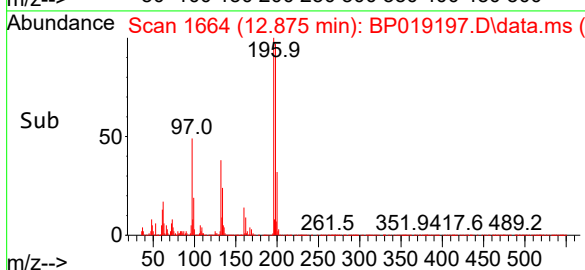
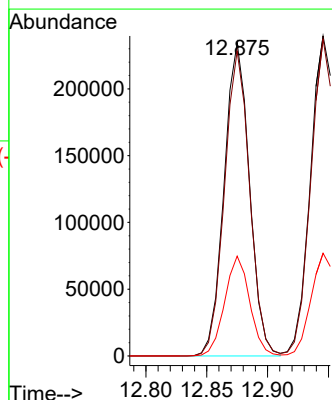
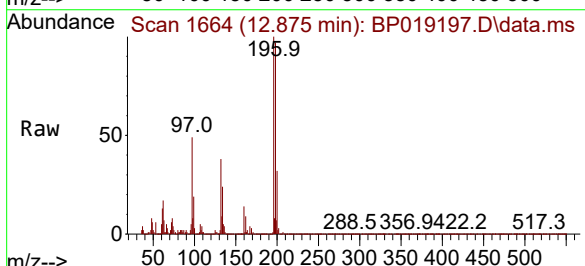
Tgt Ion:196 Resp: 339785

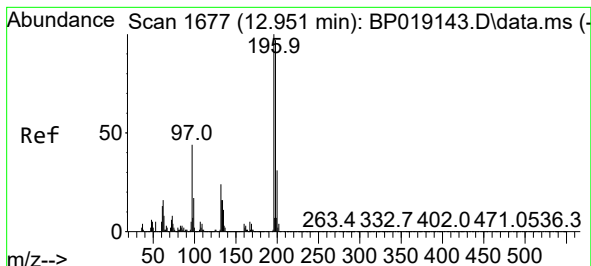
Ion Ratio Lower Upper

196 100

198 97.4 77.4 116.0

200 31.9 24.6 36.8





#42

2,4,5-Trichlorophenol

Concen: 28.225 ng/ul

RT: 12.946 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019197.D

Acq: 30 Dec 2023 09:27

Instrument :

BNA_P

ClientSampleId :

SLCS060

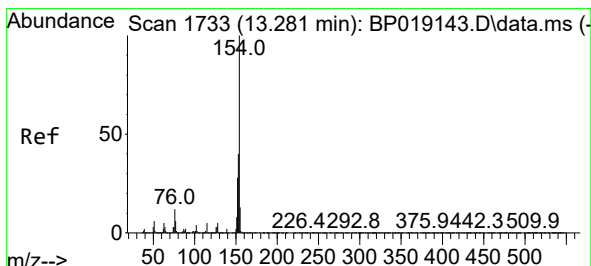
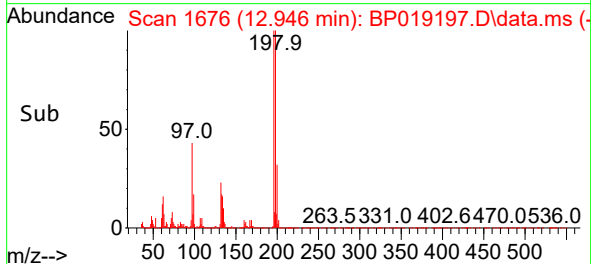
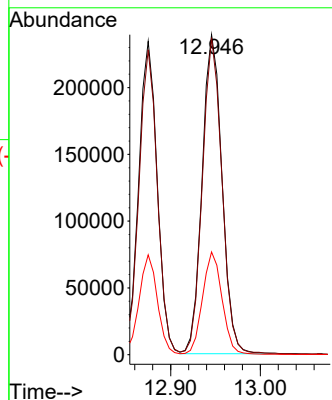
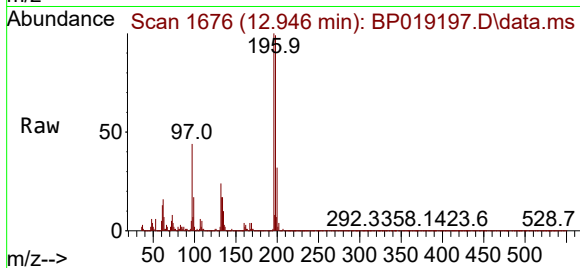
Tgt Ion:196 Resp: 367800

Ion Ratio Lower Upper

196 100

198 99.1 77.3 115.9

200 32.1 25.7 38.5



#43

1,1'-Biphenyl

Concen: 26.752 ng/ul

RT: 13.275 min Scan# 1732

Delta R.T. -0.006 min

Lab File: BP019197.D

Acq: 30 Dec 2023 09:27

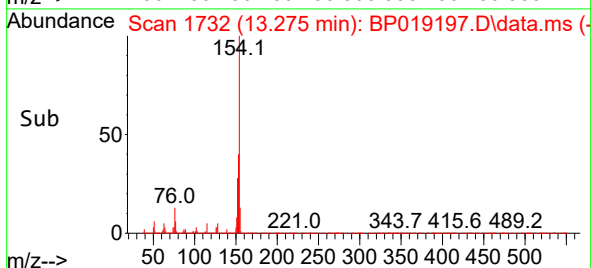
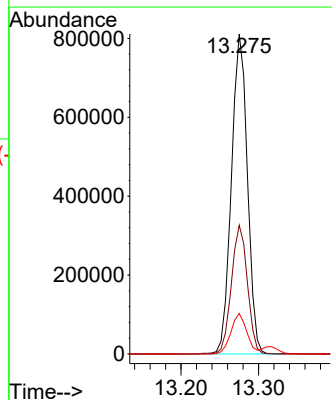
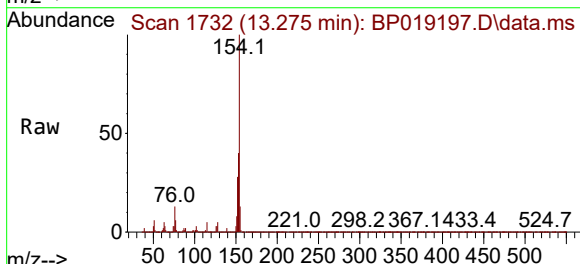
Tgt Ion:154 Resp: 1165519

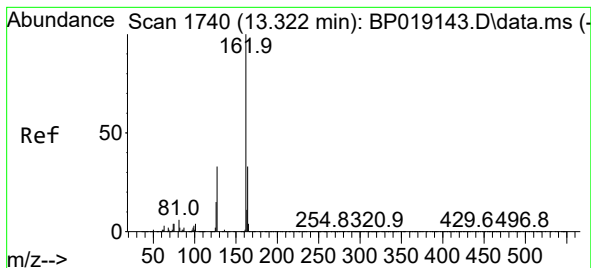
Ion Ratio Lower Upper

154 100

153 40.3 31.9 47.9

76 12.6 9.5 14.3





#44

2-Chloronaphthalene

Concen: 27.092 ng/ul

RT: 13.316 min Scan# 1739

Delta R.T. -0.006 min

Lab File: BP019197.D

Acq: 30 Dec 2023 09:27

Instrument :

BNA_P

ClientSampleId :

SLCS060

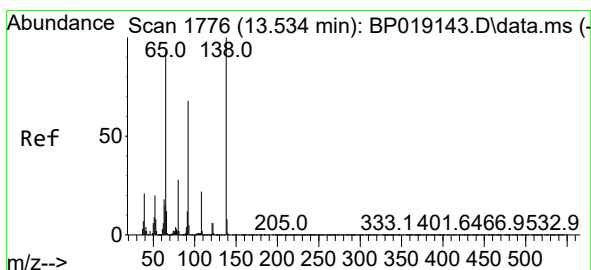
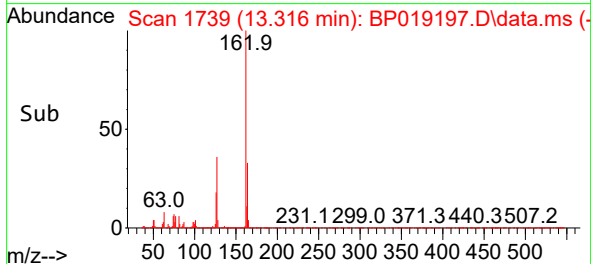
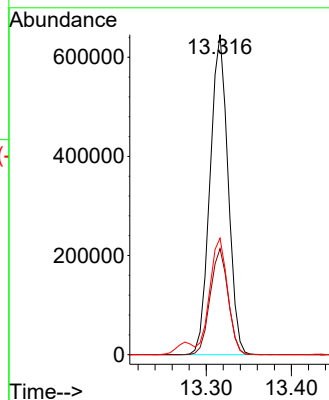
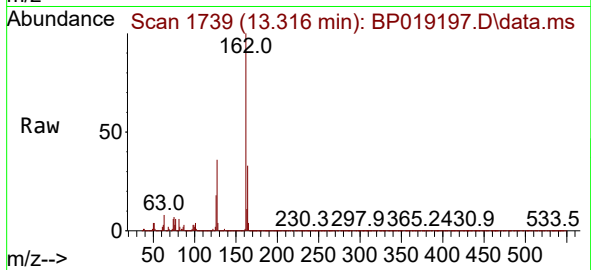
Tgt Ion:162 Resp: 947135

Ion Ratio Lower Upper

162 100

164 33.1 26.2 39.4

127 36.4 28.8 43.2



#45

2-Nitroaniline

Concen: 29.441 ng/ul

RT: 13.534 min Scan# 1776

Delta R.T. 0.000 min

Lab File: BP019197.D

Acq: 30 Dec 2023 09:27

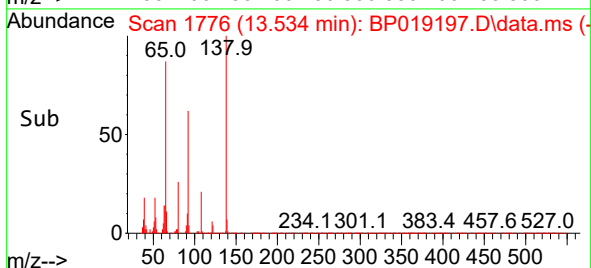
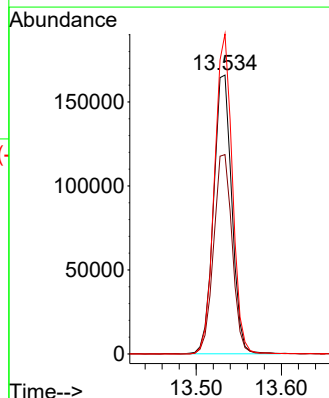
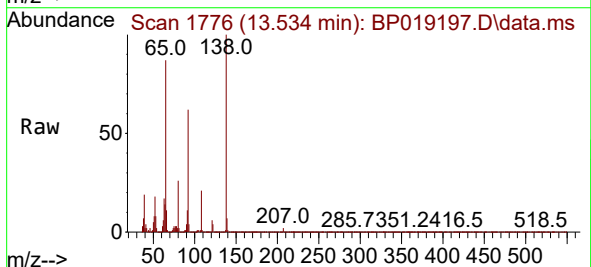
Tgt Ion: 65 Resp: 247088

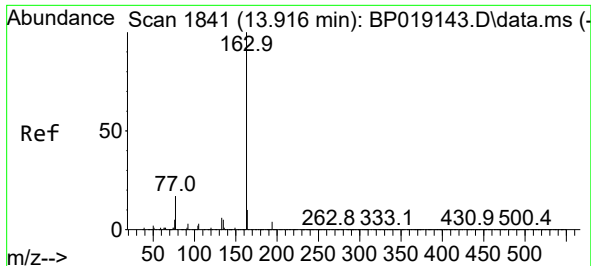
Ion Ratio Lower Upper

65 100

92 71.5 60.2 90.4

138 114.7 92.9 139.3

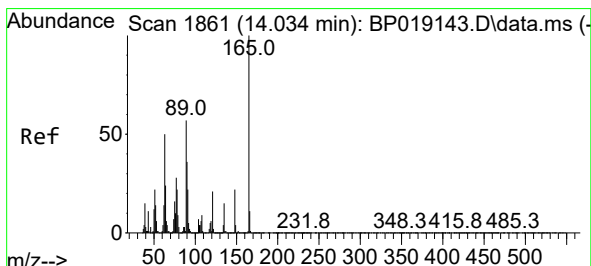
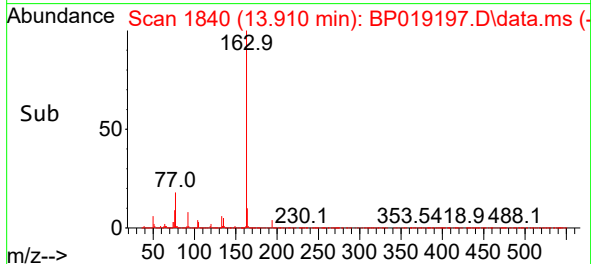
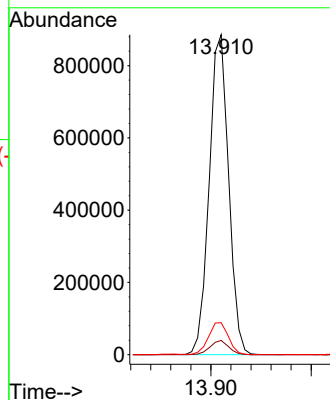
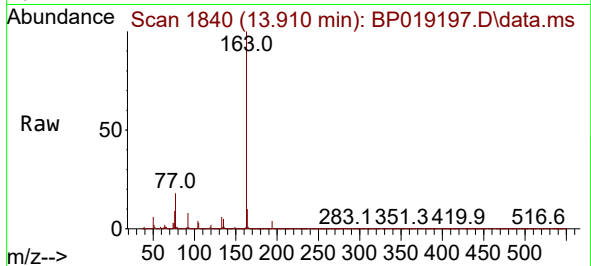




#47
Dimethylphthalate
Concen: 27.384 ng/ul
RT: 13.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BP019197.D
Acq: 30 Dec 2023 09:27

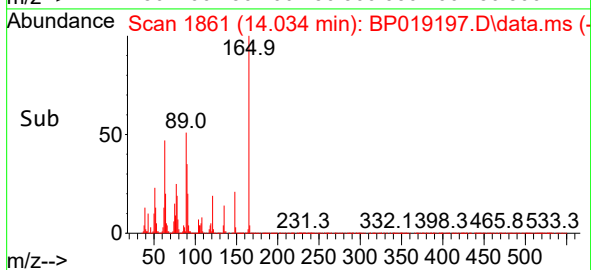
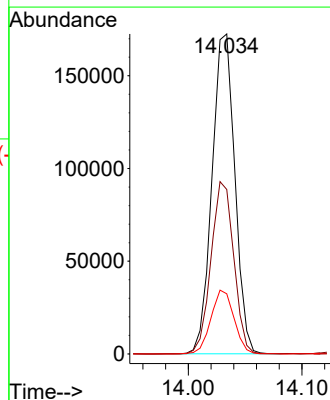
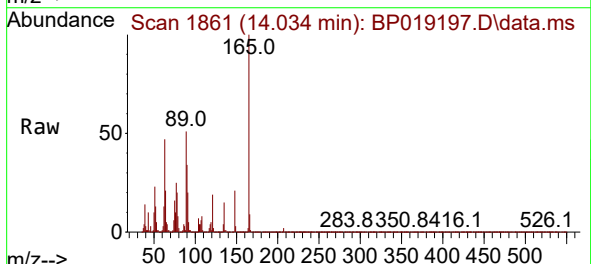
Instrument :
BNA_P
ClientSampleId :
SLCS060

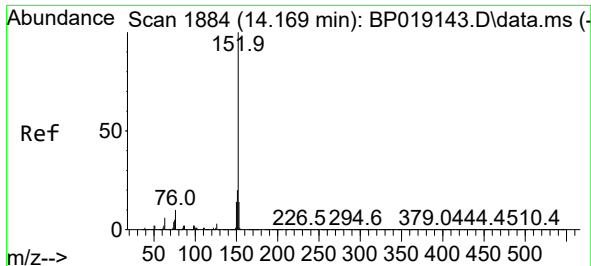
Tgt Ion:163 Resp: 1192507
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 10.0 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 30.130 ng/ul
RT: 14.034 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BP019197.D
Acq: 30 Dec 2023 09:27

Tgt Ion:165 Resp: 241104
Ion Ratio Lower Upper
165 100
89 51.4 45.1 67.7
121 18.8 16.7 25.1

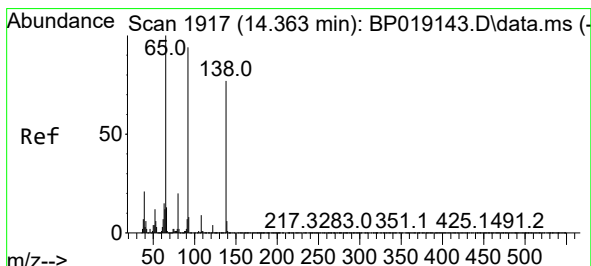
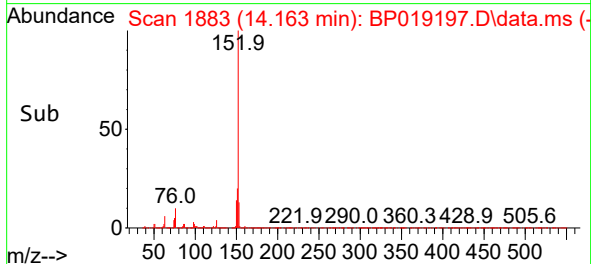
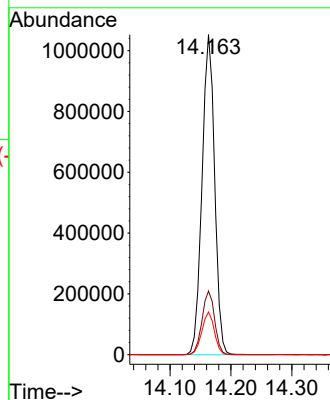
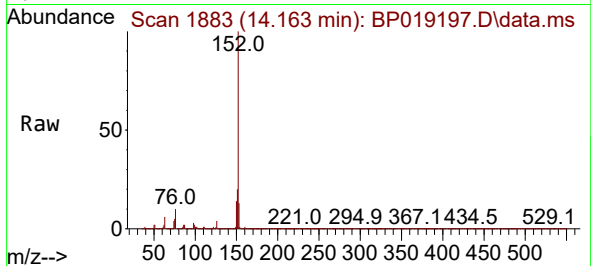




#50
Acenaphthylene
Concen: 28.087 ng/ul
RT: 14.163 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019197.D
Acq: 30 Dec 2023 09:27

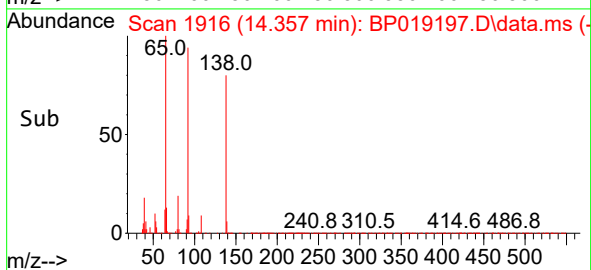
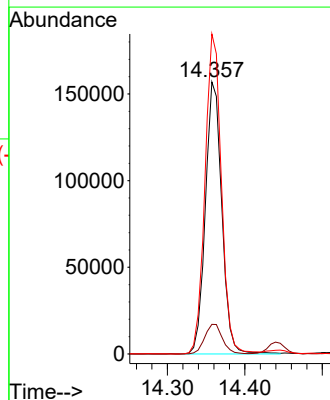
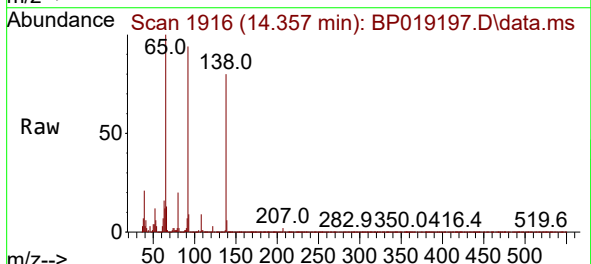
Instrument :
BNA_P
ClientSampleId :
SLCS060

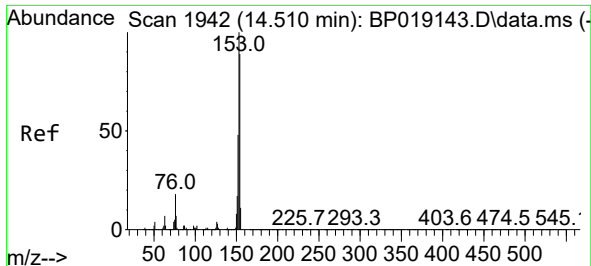
Tgt Ion:152 Resp: 1512646
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.3 10.6 15.8



#51
3-Nitroaniline
Concen: 29.551 ng/ul
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP019197.D
Acq: 30 Dec 2023 09:27

Tgt Ion:138 Resp: 231175
Ion Ratio Lower Upper
138 100
108 10.9 9.8 14.6
92 117.6 91.9 137.9

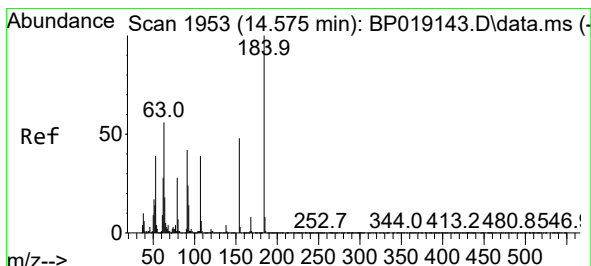
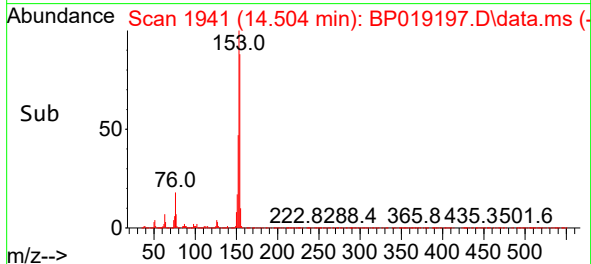
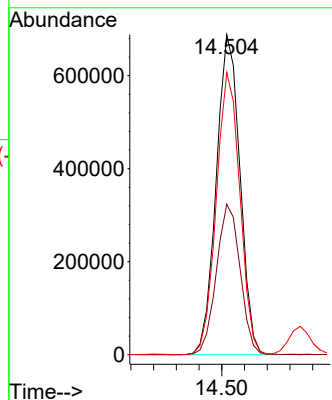
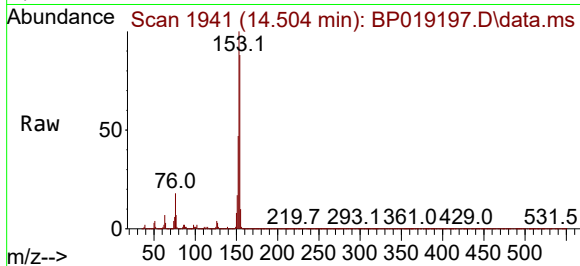




#52
Acenaphthene
Concen: 27.296 ng/ul
RT: 14.504 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BP019197.D
Acq: 30 Dec 2023 09:27

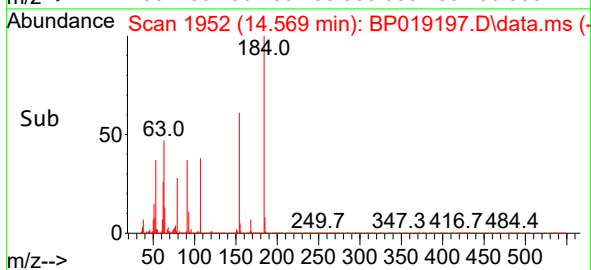
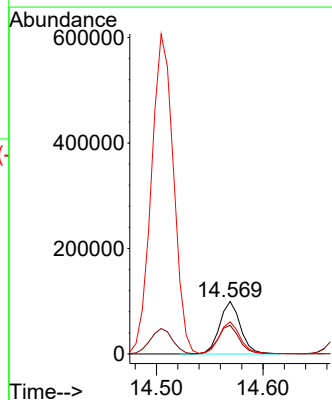
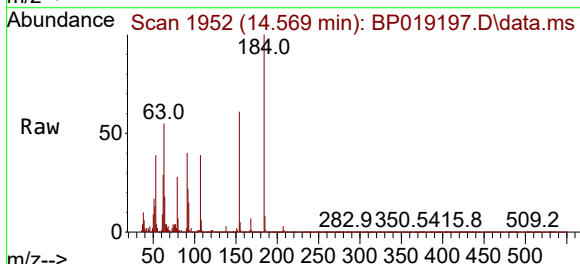
Instrument :
BNA_P
ClientSampleId :
SLCS060

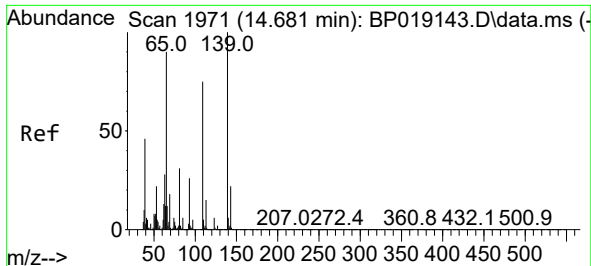
Tgt Ion:153 Resp: 996344
Ion Ratio Lower Upper
153 100
152 47.0 38.1 57.1
154 88.2 70.1 105.1



#53
2,4-Dinitrophenol
Concen: 26.204 ng/ul
RT: 14.569 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BP019197.D
Acq: 30 Dec 2023 09:27

Tgt Ion:184 Resp: 135088
Ion Ratio Lower Upper
184 100
63 54.6 48.5 72.7
154 61.3 49.3 73.9

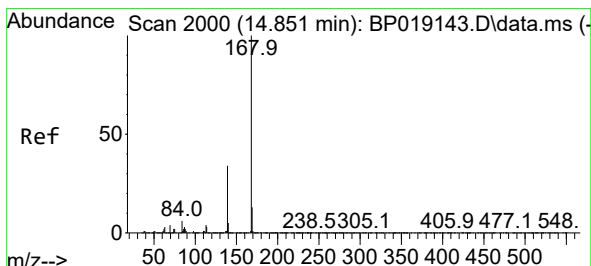
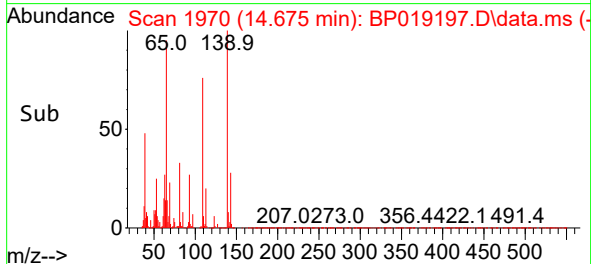
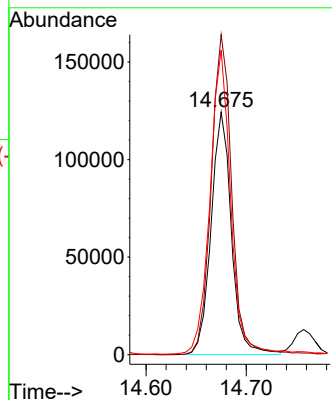
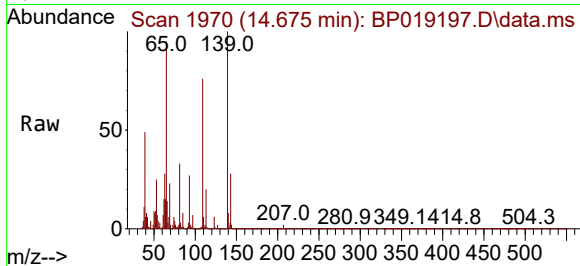




#55
4-Nitrophenol
Concen: 29.367 ng/ul
RT: 14.675 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BP019197.D
Acq: 30 Dec 2023 09:27

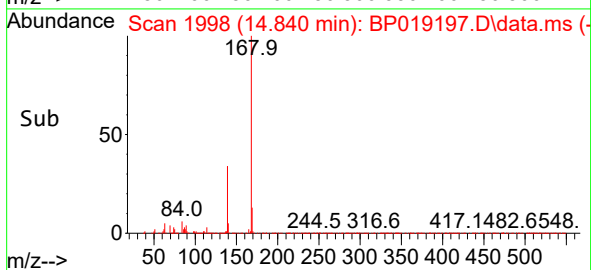
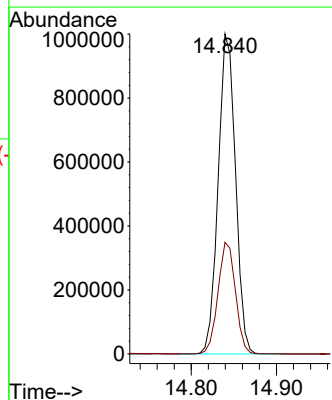
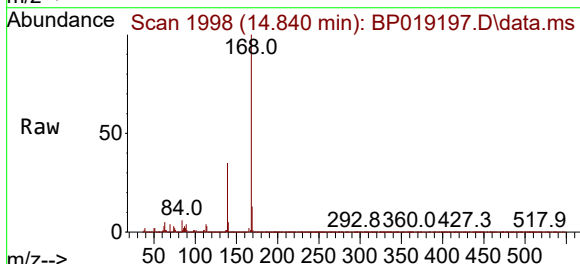
Instrument :
BNA_P
ClientSampleId :
SLCS060

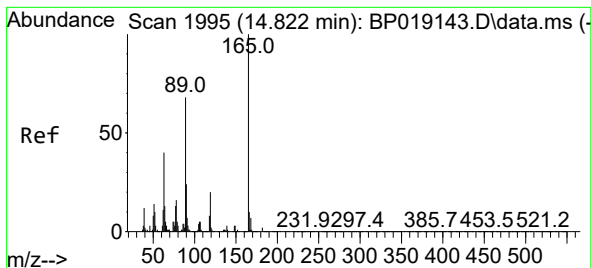
Tgt Ion:109 Resp: 174839
Ion Ratio Lower Upper
109 100
139 131.9 102.6 154.0
65 125.6 92.9 139.3



#56
Dibenzofuran
Concen: 27.150 ng/ul
RT: 14.840 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BP019197.D
Acq: 30 Dec 2023 09:27

Tgt Ion:168 Resp: 1415210
Ion Ratio Lower Upper
168 100
139 34.9 27.4 41.0

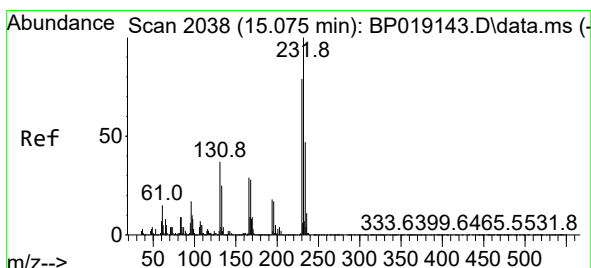
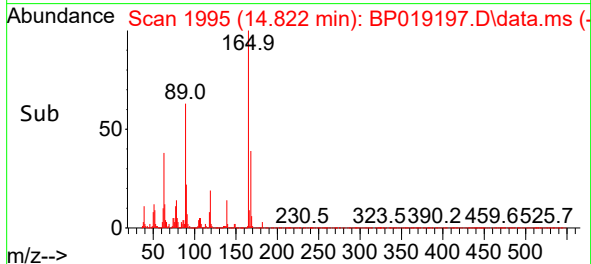
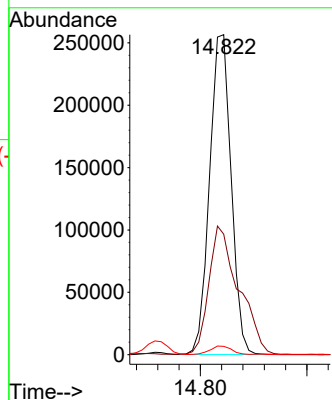
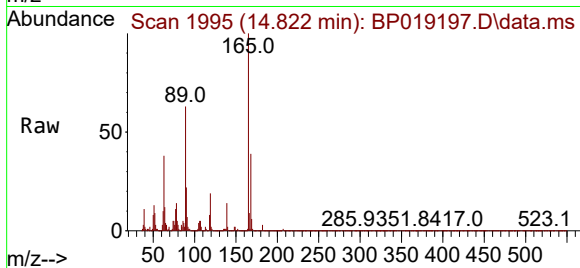




#57
2,4-Dinitrotoluene
Concen: 30.567 ng/ul
RT: 14.822 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BP019197.D
Acq: 30 Dec 2023 09:27

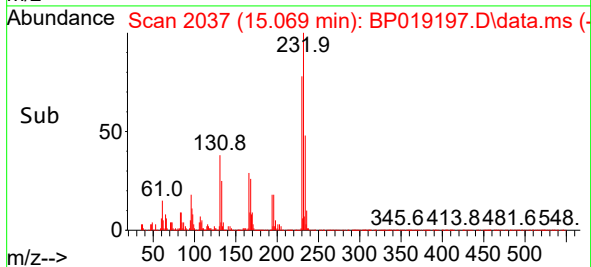
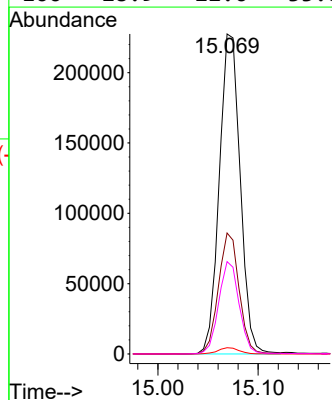
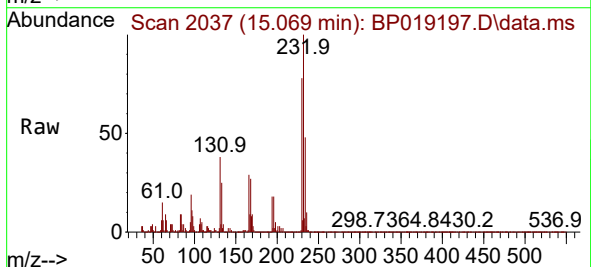
Instrument :
BNA_P
ClientSampleId :
SLCS060

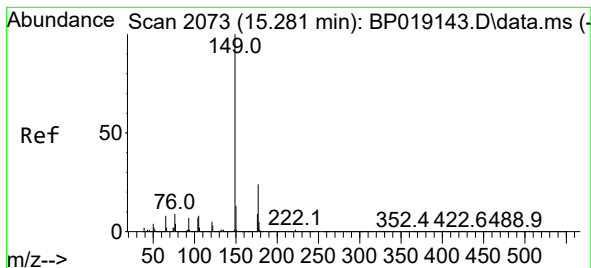
Tgt Ion:165 Resp: 359722
Ion Ratio Lower Upper
165 100
63 37.7 31.5 47.3
182 2.6 2.2 3.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 28.916 ng/ul
RT: 15.069 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BP019197.D
Acq: 30 Dec 2023 09:27

Tgt Ion:232 Resp: 329208
Ion Ratio Lower Upper
232 100
131 37.8 29.3 43.9
130 1.9 1.4 2.2
166 28.9 22.6 33.8





#59

Diethylphthalate

Concen: 27.633 ng/ul

RT: 15.275 min Scan# 2109

Delta R.T. -0.006 min

Lab File: BP019197.D

Acq: 30 Dec 2023 09:27

Instrument :

BNA_P

ClientSampleId :

SLCS060

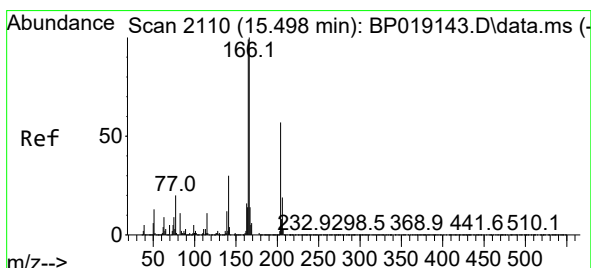
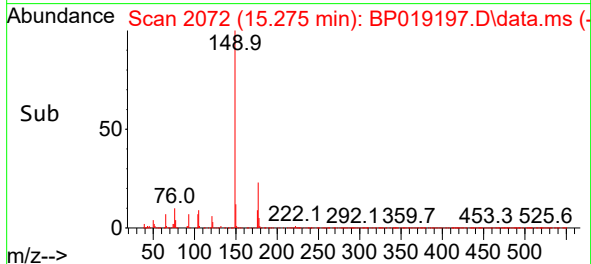
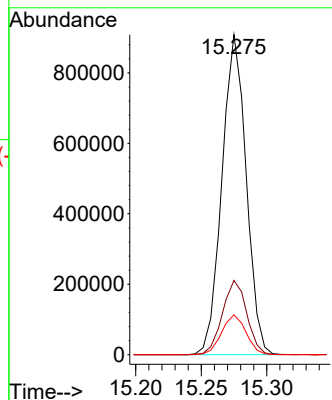
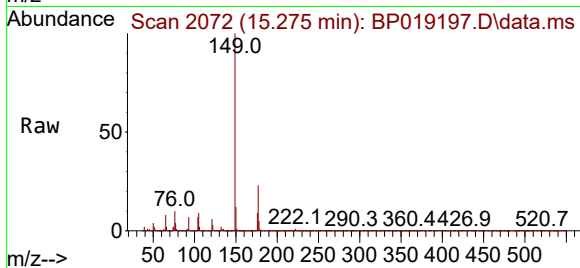
Tgt Ion:149 Resp: 1166732

Ion Ratio Lower Upper

149 100

177 23.2 18.7 28.1

150 12.5 9.8 14.8



#61

Fluorene

Concen: 27.521 ng/ul

RT: 15.493 min Scan# 2109

Delta R.T. -0.006 min

Lab File: BP019197.D

Acq: 30 Dec 2023 09:27

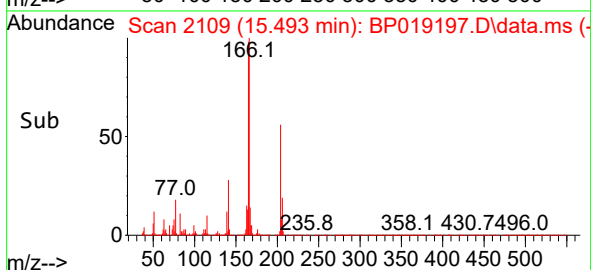
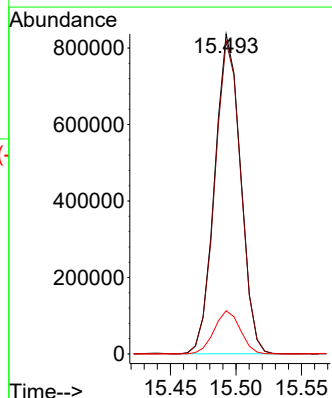
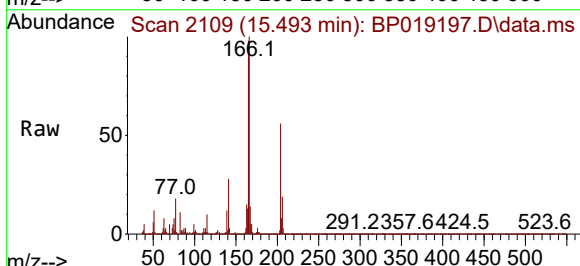
Tgt Ion:166 Resp: 1148223

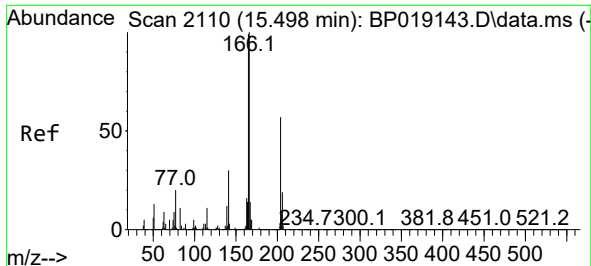
Ion Ratio Lower Upper

166 100

165 97.9 79.3 118.9

167 13.5 11.0 16.4

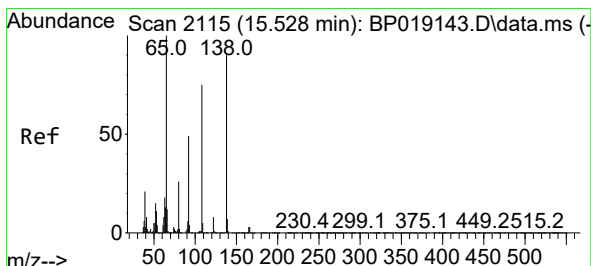
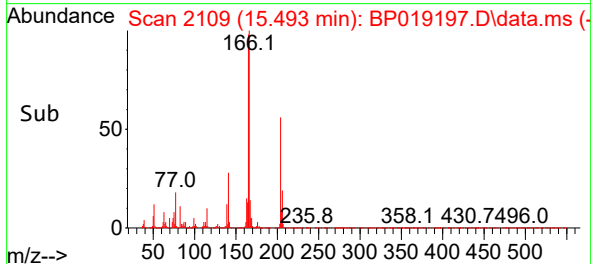
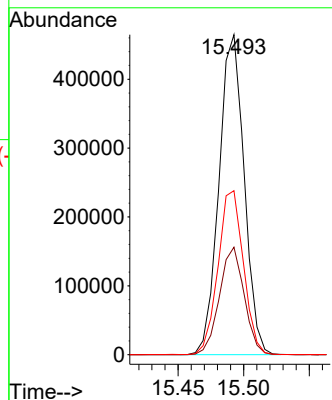
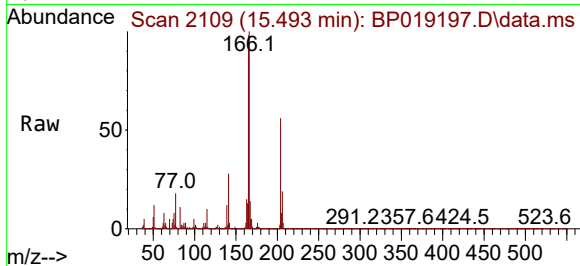




#62
4-Chlorophenyl-phenylether
Concen: 27.200 ng/ul
RT: 15.493 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BP019197.D
Acq: 30 Dec 2023 09:27

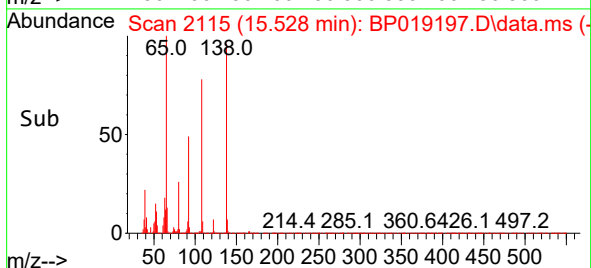
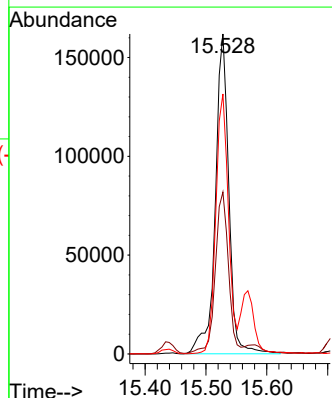
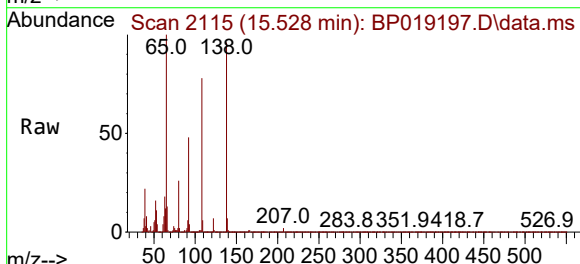
Instrument :
BNA_P
ClientSampleId :
SLCS060

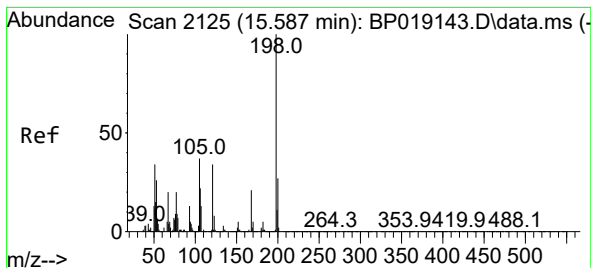
Tgt Ion:204 Resp: 619740
Ion Ratio Lower Upper
204 100
206 33.6 26.3 39.5
141 51.2 42.2 63.2



#63
4-Nitroaniline
Concen: 31.730 ng/ul
RT: 15.528 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP019197.D
Acq: 30 Dec 2023 09:27

Tgt Ion:138 Resp: 249735
Ion Ratio Lower Upper
138 100
92 50.6 42.2 63.4
108 81.3 66.2 99.4

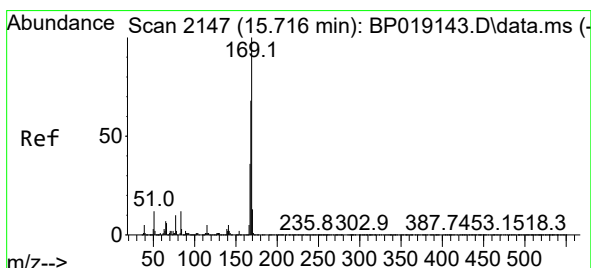
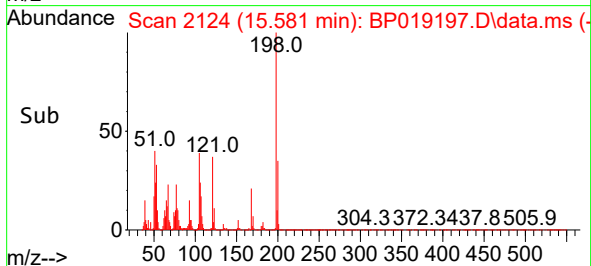
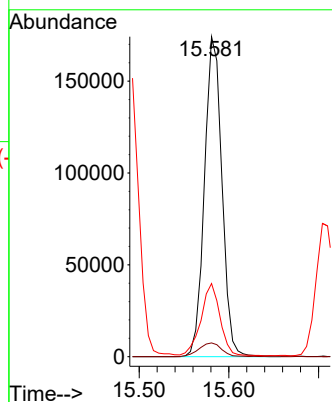
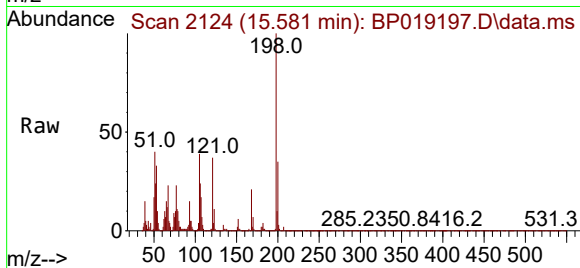




#66
4,6-Dinitro-2-methylphenol
Concen: 29.080 ng/ul
RT: 15.581 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BP019197.D
Acq: 30 Dec 2023 09:27

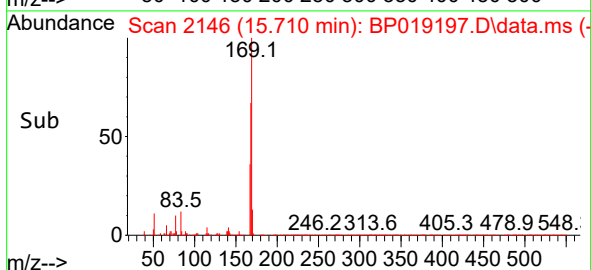
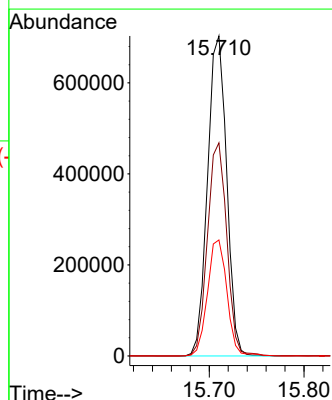
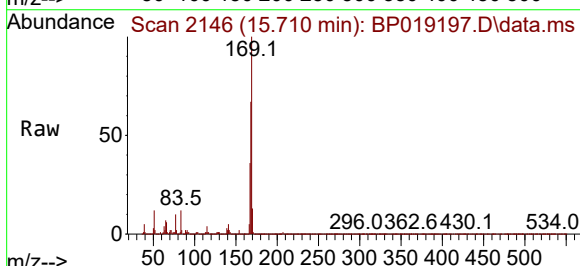
Instrument :
BNA_P
ClientSampleId :
SLCS060

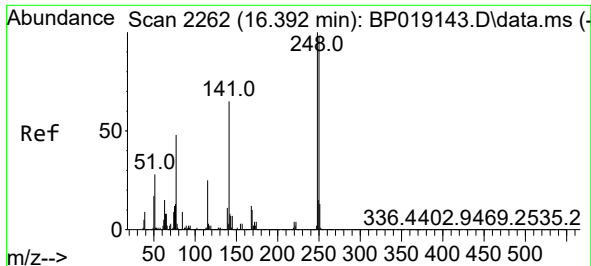
Tgt Ion:198 Resp: 235750
Ion Ratio Lower Upper
198 100
182 4.3 4.0 6.0
77 22.9 17.4 26.2



#67
N-Nitrosodiphenylamine
Concen: 27.613 ng/ul
RT: 15.710 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BP019197.D
Acq: 30 Dec 2023 09:27

Tgt Ion:169 Resp: 984312
Ion Ratio Lower Upper
169 100
168 66.6 53.8 80.8
167 36.3 29.5 44.3

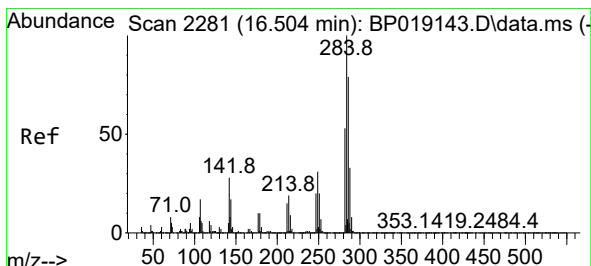
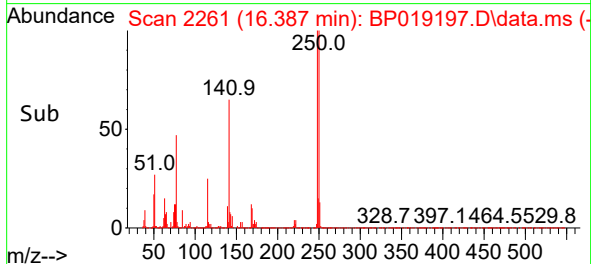
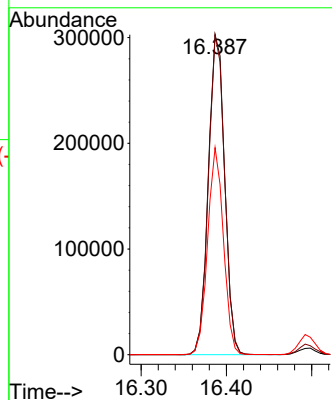
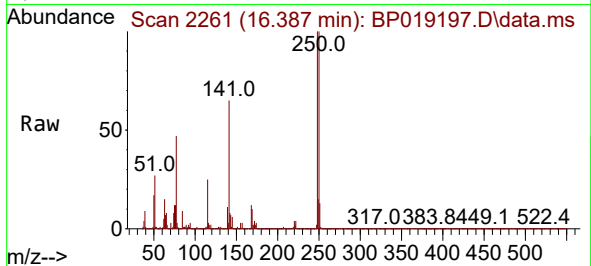




#68
4-Bromophenyl-phenylether
Concen: 27.815 ng/ul
RT: 16.387 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP019197.D
Acq: 30 Dec 2023 09:27

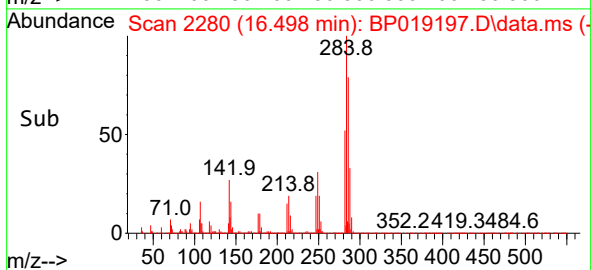
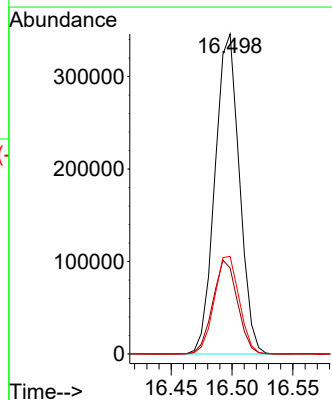
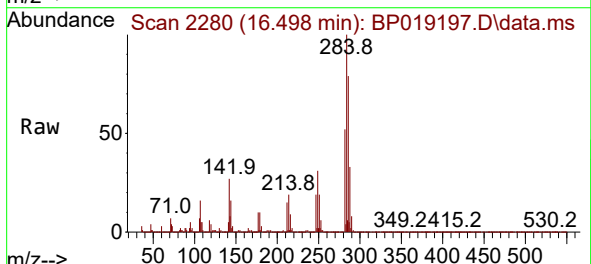
Instrument :
BNA_P
ClientSampleId :
SLCS060

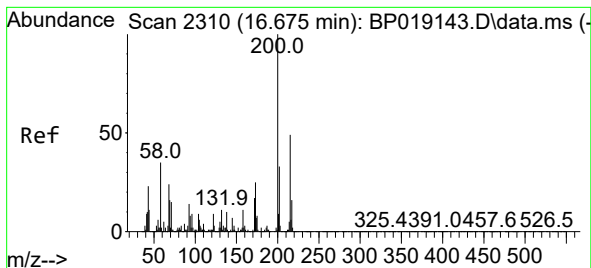
Tgt Ion:248 Resp: 403794
Ion Ratio Lower Upper
248 100
250 99.8 78.3 117.5
141 64.7 48.6 72.8



#69
Hexachlorobenzene
Concen: 27.252 ng/ul
RT: 16.498 min Scan# 2280
Delta R.T. -0.006 min
Lab File: BP019197.D
Acq: 30 Dec 2023 09:27

Tgt Ion:284 Resp: 483479
Ion Ratio Lower Upper
284 100
142 26.8 22.9 34.3
249 30.5 23.7 35.5





#70

Atrazine

Concen: 36.404 ng/ul

RT: 16.669 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019197.D

Acq: 30 Dec 2023 09:27

Instrument :

BNA_P

ClientSampleId :

SLCS060

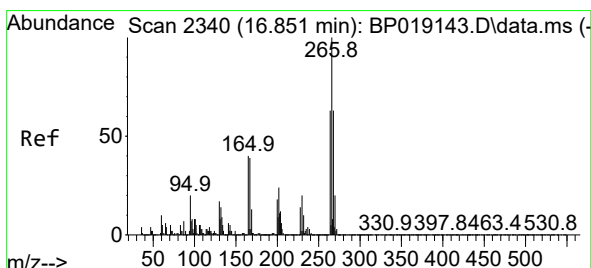
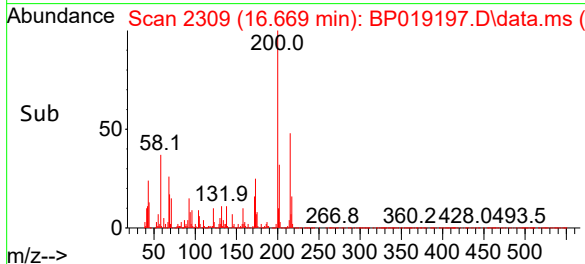
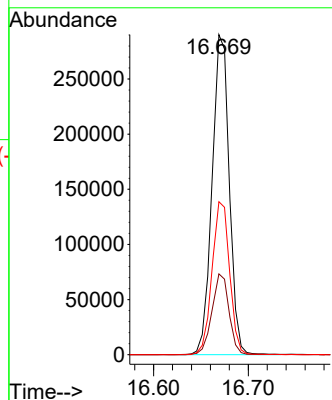
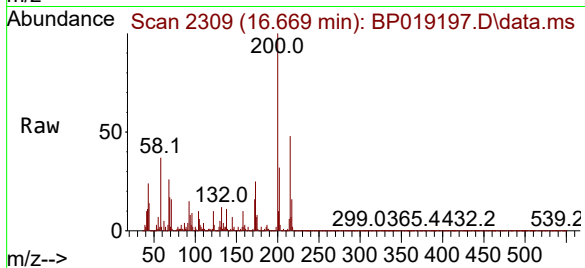
Tgt Ion:200 Resp: 366225

Ion Ratio Lower Upper

200 100

173 25.2 20.2 30.2

215 47.8 39.9 59.9



#71

Pentachlorophenol

Concen: 28.580 ng/ul

RT: 16.845 min Scan# 2339

Delta R.T. -0.006 min

Lab File: BP019197.D

Acq: 30 Dec 2023 09:27

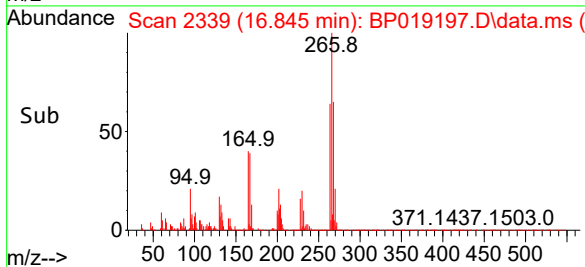
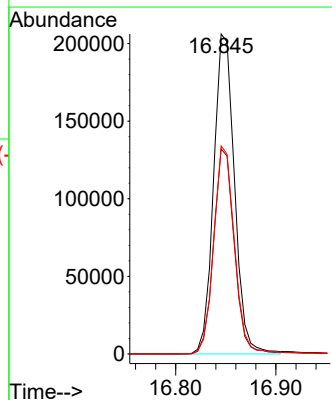
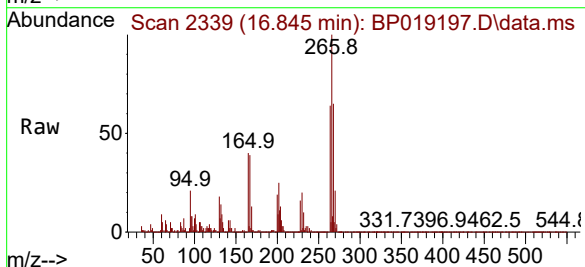
Tgt Ion:266 Resp: 297687

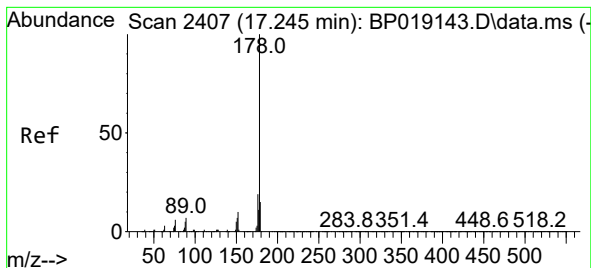
Ion Ratio Lower Upper

266 100

264 64.1 50.0 75.0

268 65.0 52.8 79.2





#72

Phenanthrene

Concen: 27.221 ng/ul

RT: 17.239 min Scan# 2406

Delta R.T. -0.006 min

Lab File: BP019197.D

Acq: 30 Dec 2023 09:27

Instrument :

BNA_P

ClientSampleId :

SLCS060

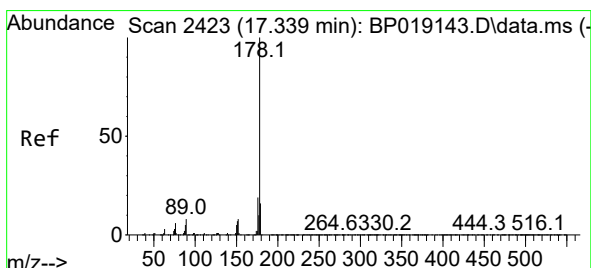
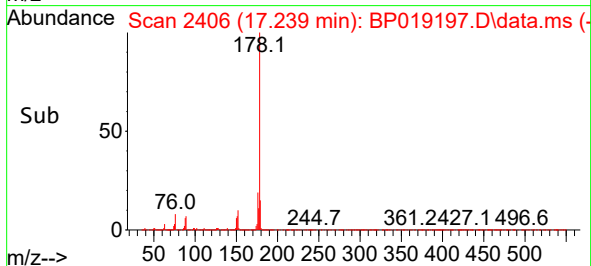
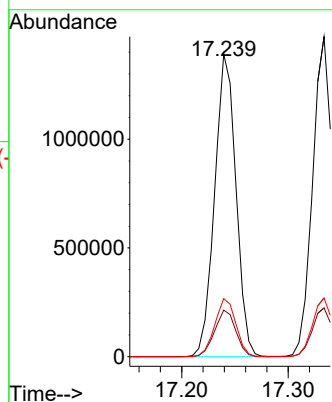
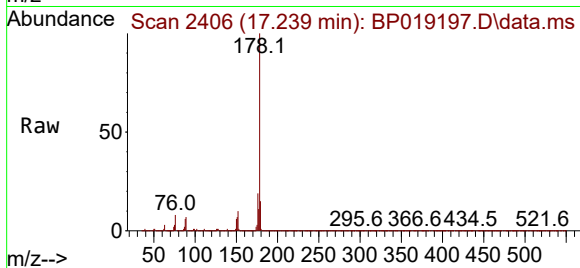
Tgt Ion:178 Resp: 1926742

Ion Ratio Lower Upper

178 100

179 15.4 11.9 17.9

176 19.2 15.0 22.6



#74

Anthracene

Concen: 27.858 ng/ul

RT: 17.334 min Scan# 2422

Delta R.T. -0.006 min

Lab File: BP019197.D

Acq: 30 Dec 2023 09:27

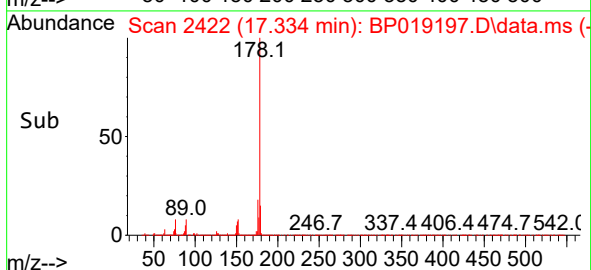
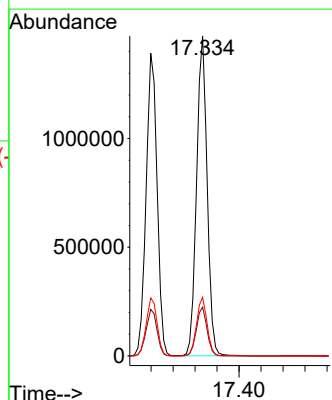
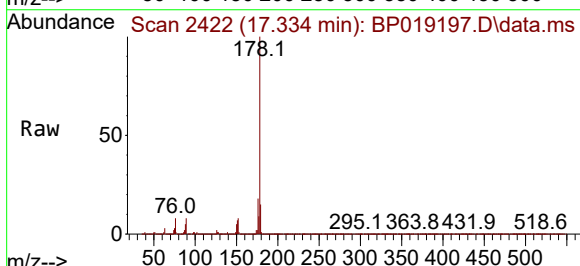
Tgt Ion:178 Resp: 1963002

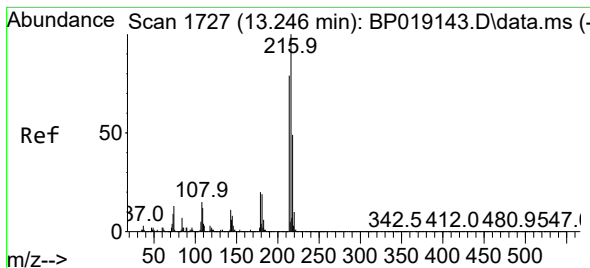
Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.4

176 18.3 14.9 22.3





#75

1,2,3,4-Tetrachlorobenzene

Concen: 26.998 ng/uL

RT: 13.234 min Scan# 1725

Delta R.T. -0.012 min

Lab File: BP019197.D

Acq: 30 Dec 2023 09:27

Instrument :

BNA_P

ClientSampleId :

SLCS060

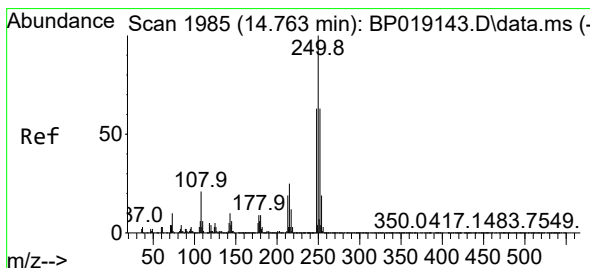
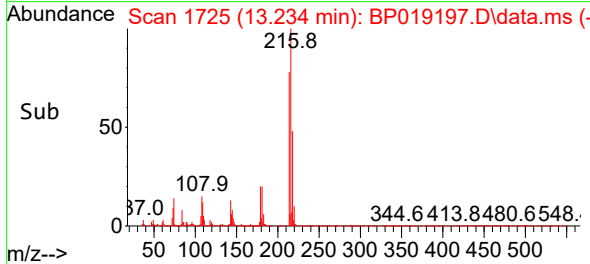
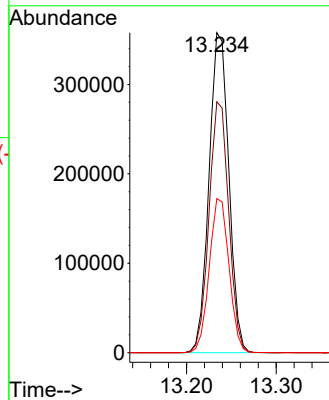
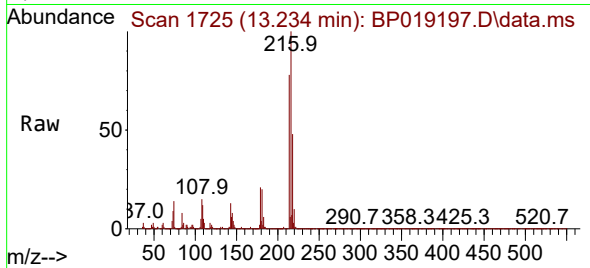
Tgt Ion:216 Resp: 548272

Ion Ratio Lower Upper

216 100

214 78.4 61.6 92.4

218 48.1 38.9 58.3



#76

Pentachlorobenzene

Concen: 26.571 ng/uL

RT: 14.757 min Scan# 1984

Delta R.T. -0.006 min

Lab File: BP019197.D

Acq: 30 Dec 2023 09:27

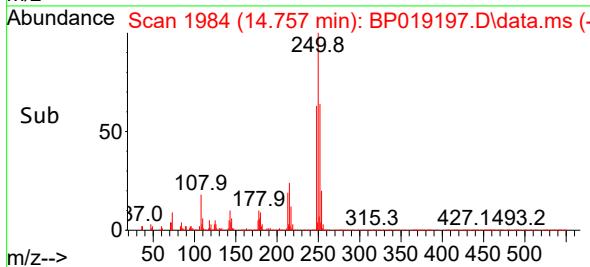
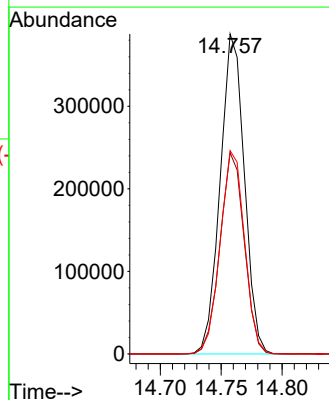
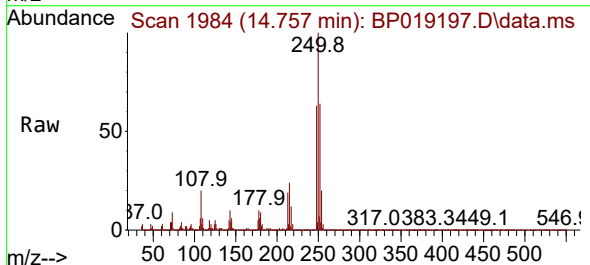
Tgt Ion:250 Resp: 536196

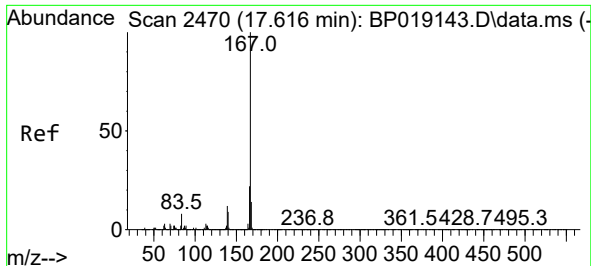
Ion Ratio Lower Upper

250 100

248 62.9 50.4 75.6

252 63.5 52.1 78.1

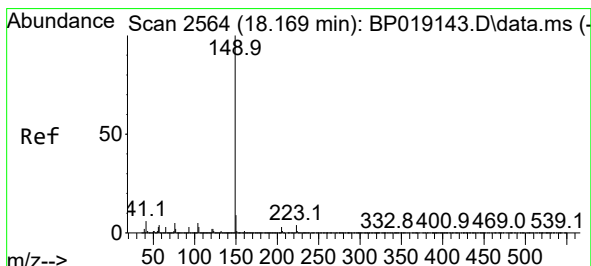
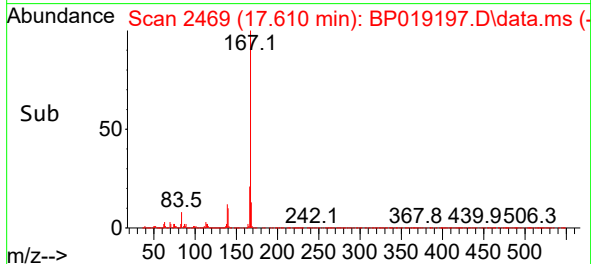
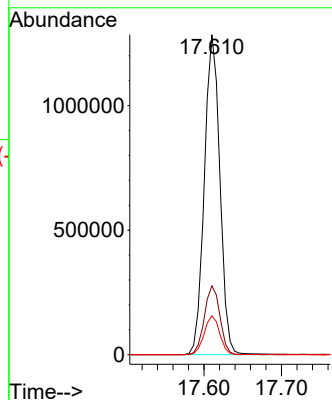
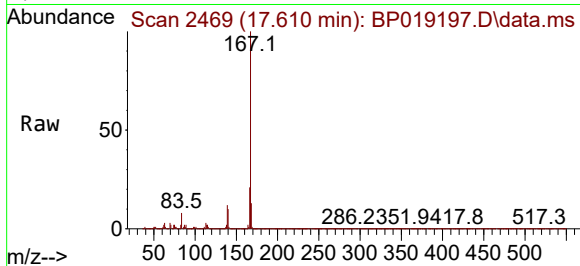




#77
 Carbazole
 Concen: 30.486 ng/ul
 RT: 17.610 min Scan# 2470
 Delta R.T. -0.006 min
 Lab File: BP019197.D
 Acq: 30 Dec 2023 09:27

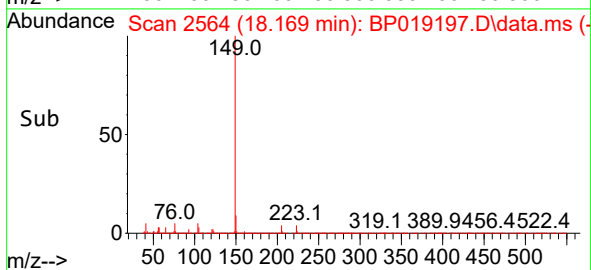
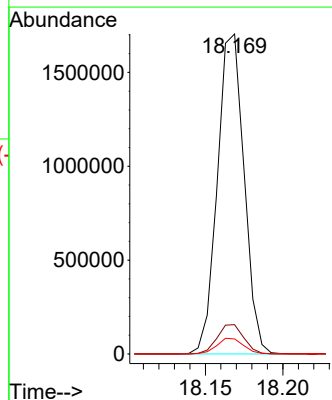
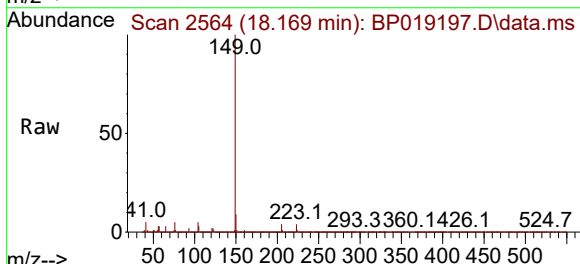
Instrument :
 BNA_P
 ClientSampleId :
 SLCS060

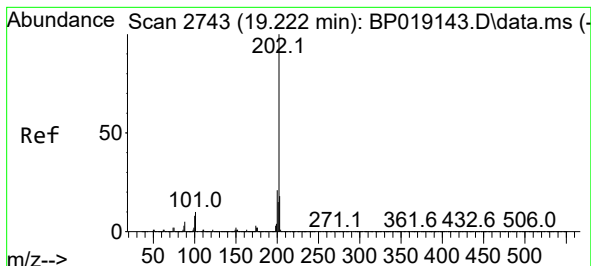
Tgt Ion:167 Resp: 1786875
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.0
 139 12.2 9.8 14.6



#78
 Di-n-butylphthalate
 Concen: 28.132 ng/ul
 RT: 18.169 min Scan# 2564
 Delta R.T. 0.000 min
 Lab File: BP019197.D
 Acq: 30 Dec 2023 09:27

Tgt Ion:149 Resp: 2045047
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 4.7 3.9 5.9





#80

Fluoranthene

Concen: 28.023 ng/ul

RT: 19.216 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019197.D

Acq: 30 Dec 2023 09:27

Instrument :

BNA_P

ClientSampleId :

SLCS060

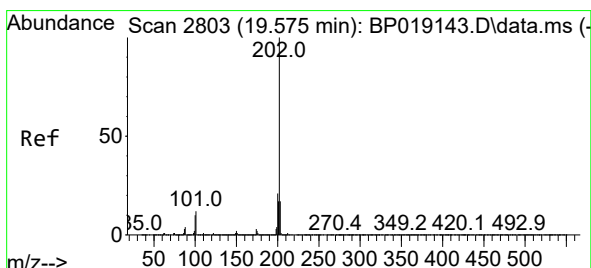
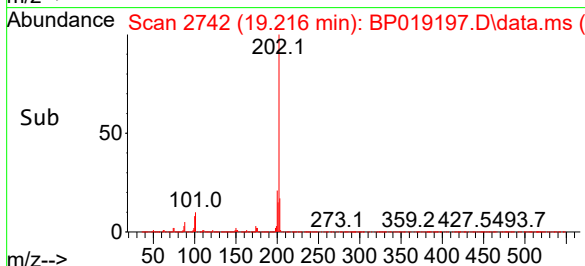
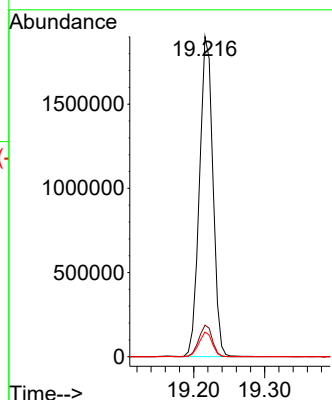
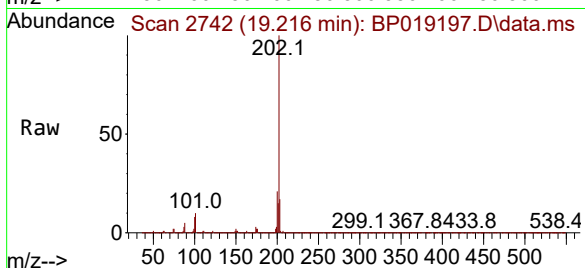
Tgt Ion:202 Resp: 2507400

Ion Ratio Lower Upper

202 100

101 9.9 7.8 11.6

100 7.7 6.0 9.0



#82

Pyrene

Concen: 27.846 ng/ul

RT: 19.575 min Scan# 2803

Delta R.T. 0.000 min

Lab File: BP019197.D

Acq: 30 Dec 2023 09:27

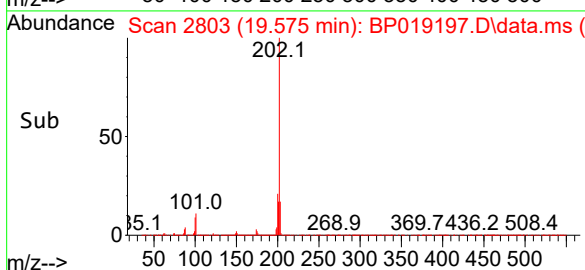
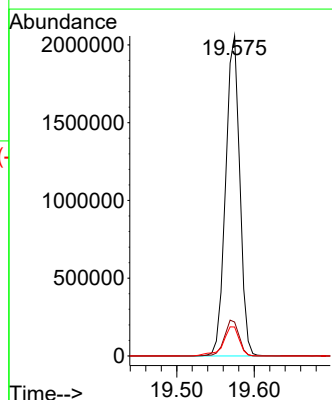
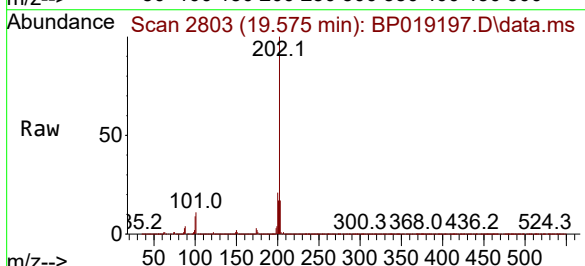
Tgt Ion:202 Resp: 2610469

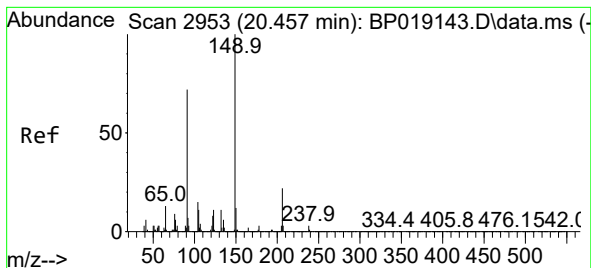
Ion Ratio Lower Upper

202 100

101 10.6 9.2 13.8

100 9.0 7.8 11.6





#83

Butylbenzylphthalate

Concen: 28.969 ng/ul

RT: 20.457 min Scan# 2953

Delta R.T. 0.000 min

Lab File: BP019197.D

Acq: 30 Dec 2023 09:27

Instrument :

BNA_P

ClientSampleId :

SLCS060

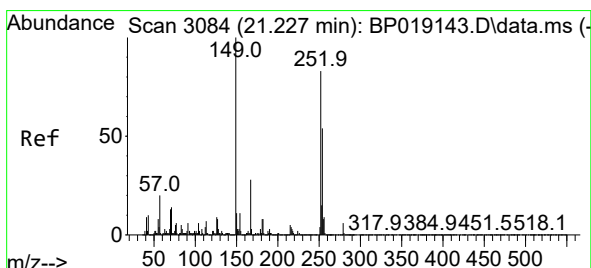
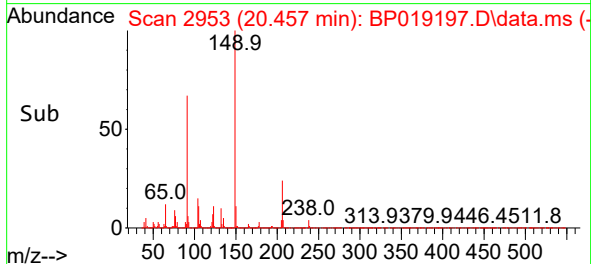
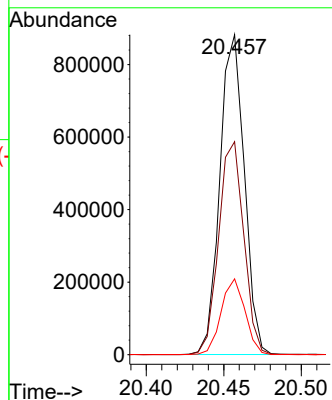
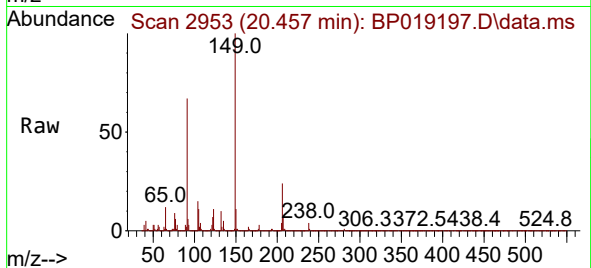
Tgt Ion:149 Resp: 970077

Ion Ratio Lower Upper

149 100

91 66.6 55.6 83.4

206 23.7 17.9 26.9



#84

3,3'-Dichlorobenzidine

Concen: 28.627 ng/ul

RT: 21.227 min Scan# 3084

Delta R.T. 0.000 min

Lab File: BP019197.D

Acq: 30 Dec 2023 09:27

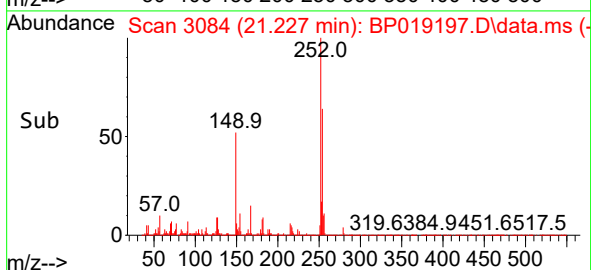
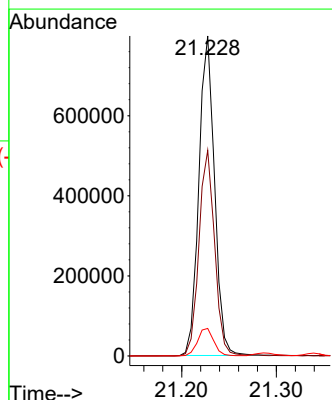
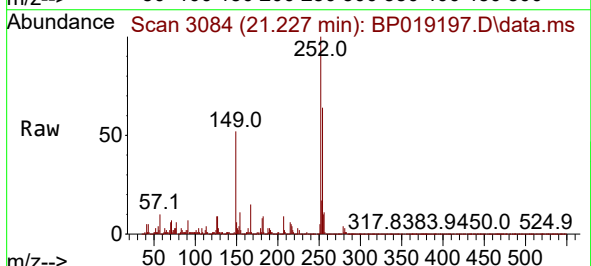
Tgt Ion:252 Resp: 916223

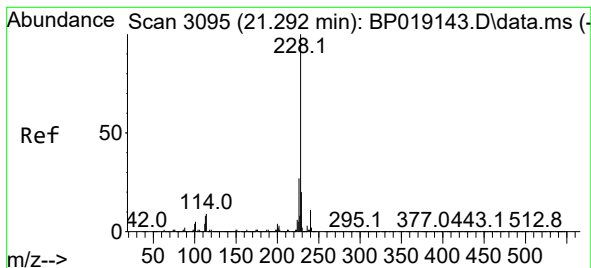
Ion Ratio Lower Upper

252 100

254 64.3 51.5 77.3

126 8.6 7.6 11.4





#85

Benzo(a)anthracene

Concen: 28.221 ng/ul

RT: 21.286 min Scan# 3094

Delta R.T. -0.006 min

Lab File: BP019197.D

Acq: 30 Dec 2023 09:27

Instrument :

BNA_P

ClientSampleId :

SLCS060

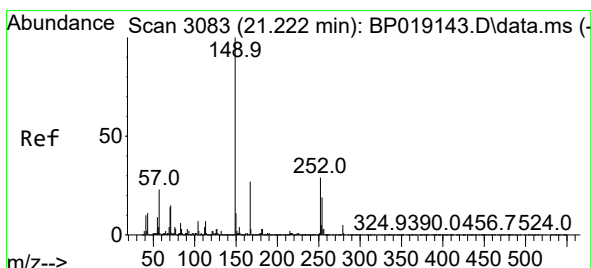
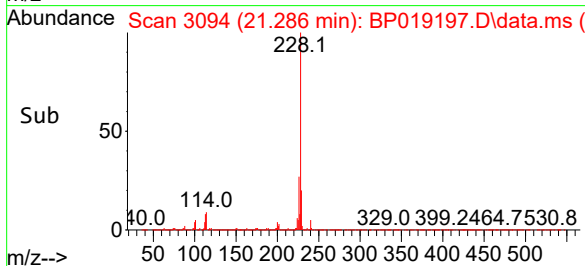
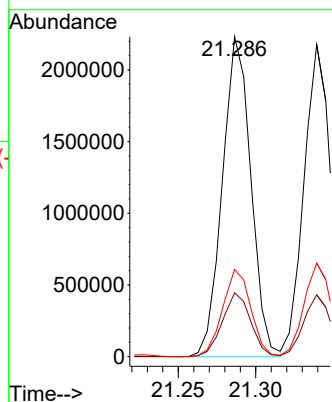
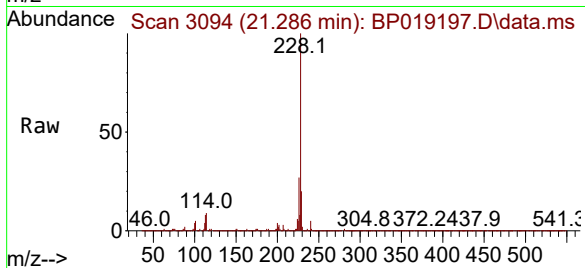
Tgt Ion:228 Resp: 2852827

Ion Ratio Lower Upper

228 100

229 19.9 15.5 23.3

226 27.2 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 28.704 ng/ul

RT: 21.216 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BP019197.D

Acq: 30 Dec 2023 09:27

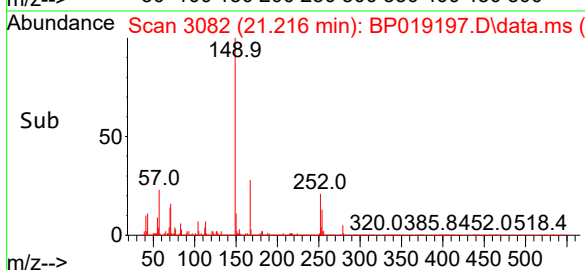
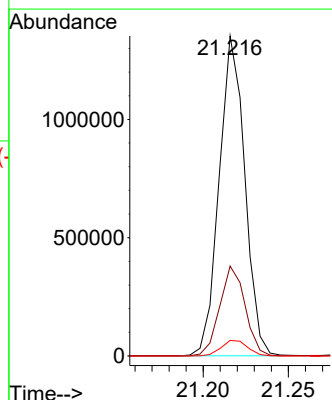
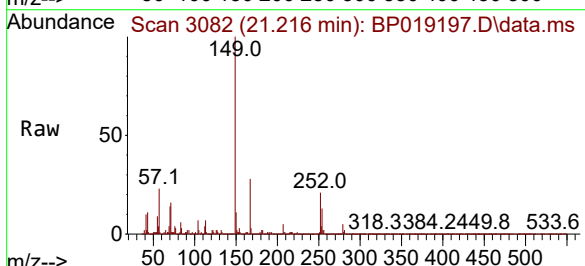
Tgt Ion:149 Resp: 1415345

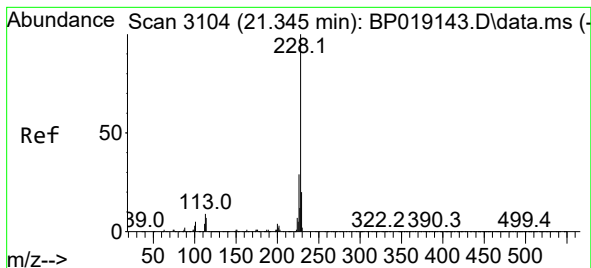
Ion Ratio Lower Upper

149 100

167 28.1 22.5 33.7

279 4.9 4.0 6.0





#87

Chrysene

Concen: 27.855 ng/ul

RT: 21.339 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BP019197.D

Acq: 30 Dec 2023 09:27

Instrument :

BNA_P

ClientSampleId :

SLCS060

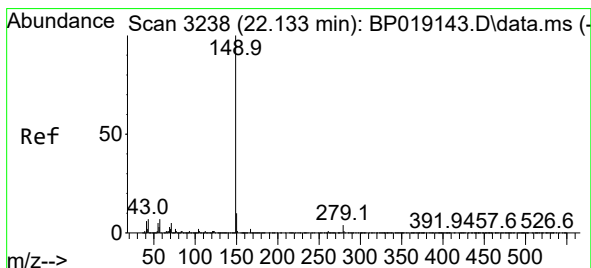
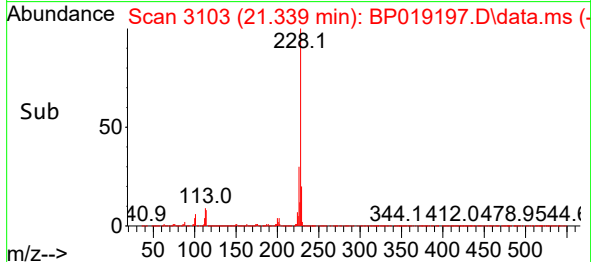
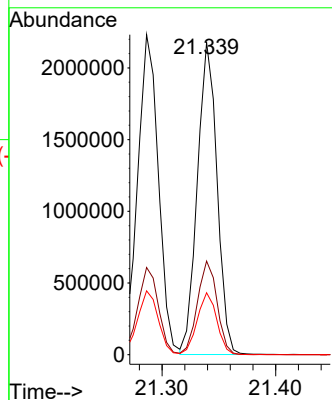
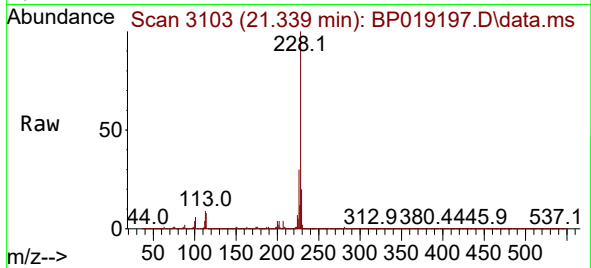
Tgt Ion:228 Resp: 2625727

Ion Ratio Lower Upper

228 100

226 30.0 23.4 35.2

229 19.8 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 28.877 ng/ul

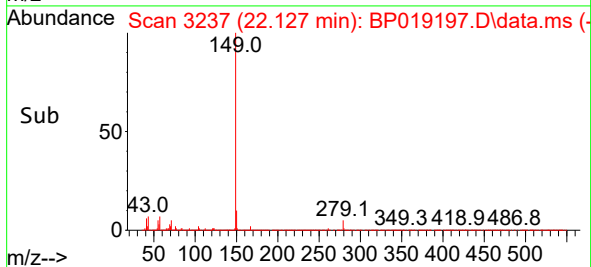
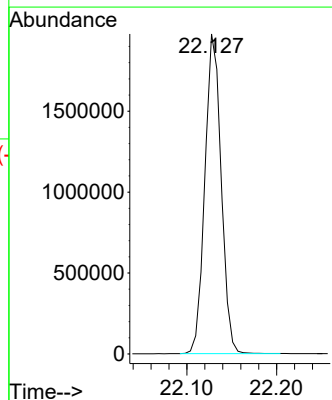
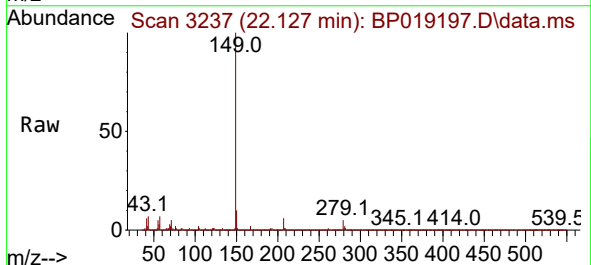
RT: 22.127 min Scan# 3237

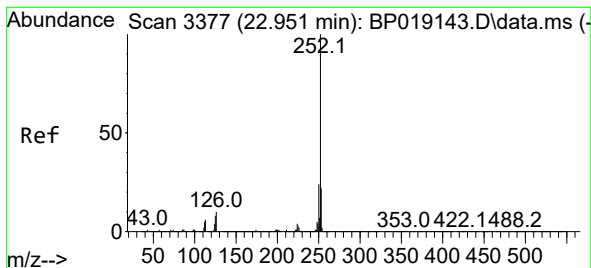
Delta R.T. -0.006 min

Lab File: BP019197.D

Acq: 30 Dec 2023 09:27

Tgt Ion:149 Resp: 2488309





#90

Benzo(b)fluoranthene

Concen: 28.154 ng/ul

RT: 22.945 min Scan# 3377

Delta R.T. -0.006 min

Lab File: BP019197.D

Acq: 30 Dec 2023 09:27

Instrument :

BNA_P

ClientSampleId :

SLCS060

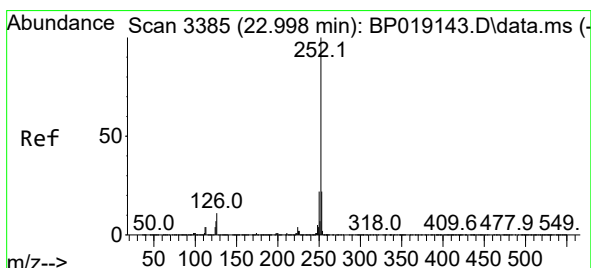
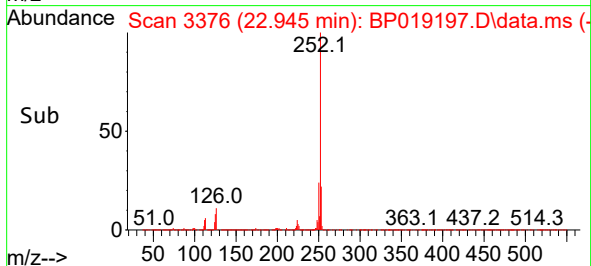
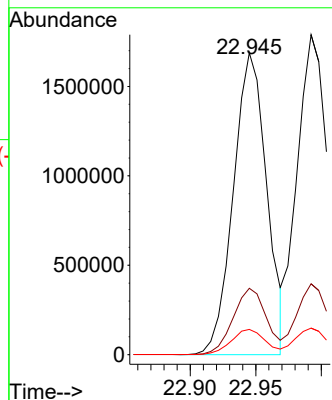
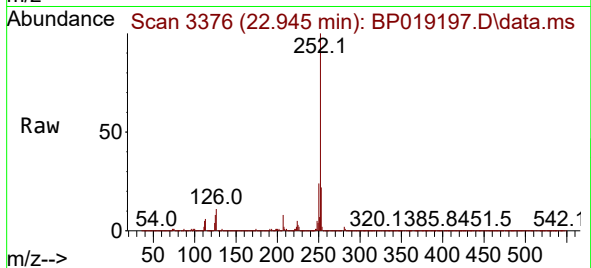
Tgt Ion:252 Resp: 2979914

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 8.4 6.8 10.2



#91

Benzo(k)fluoranthene

Concen: 28.197 ng/ul

RT: 22.992 min Scan# 3384

Delta R.T. -0.006 min

Lab File: BP019197.D

Acq: 30 Dec 2023 09:27

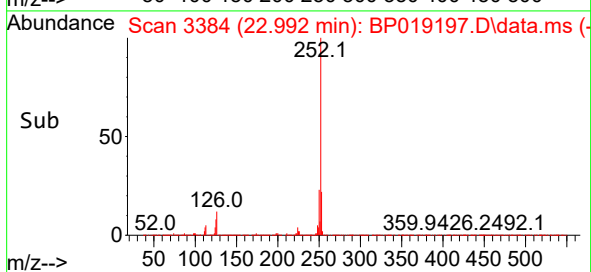
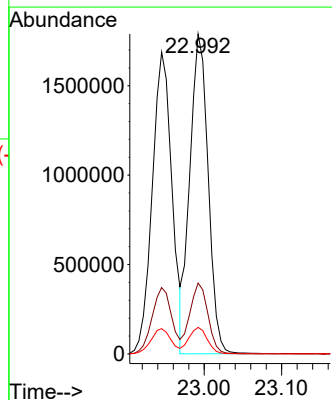
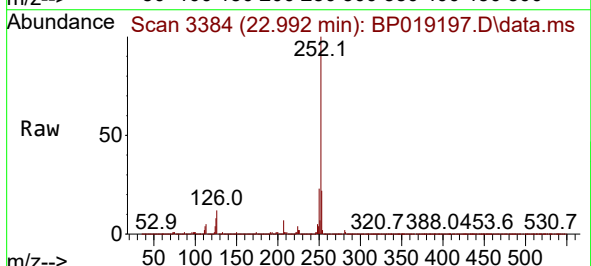
Tgt Ion:252 Resp: 2932620

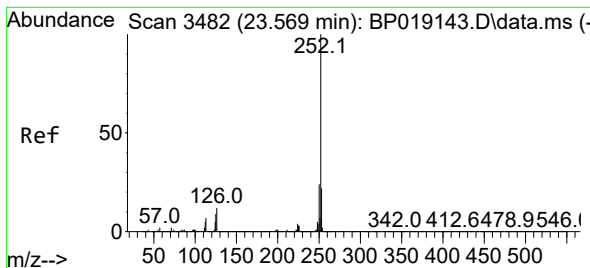
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 8.3 6.7 10.1





#93

Benzo(a)pyrene

Concen: 28.255 ng/ul

RT: 23.563 min Scan# 34

Delta R.T. -0.006 min

Lab File: BP019197.D

Acq: 30 Dec 2023 09:27

Instrument :

BNA_P

ClientSampleId :

SLCS060

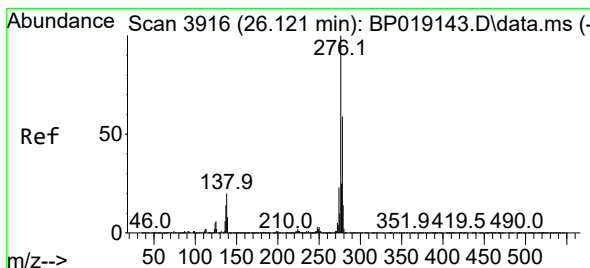
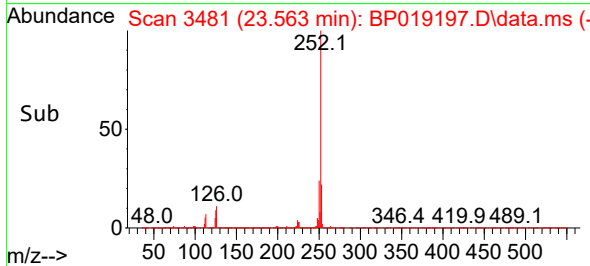
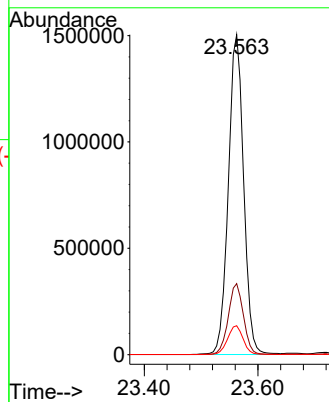
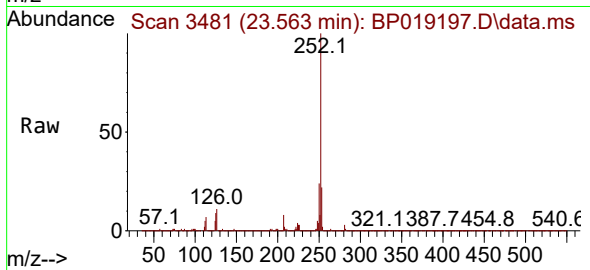
Tgt Ion:252 Resp: 2814783

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 9.0 7.4 11.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 27.922 ng/ul

RT: 26.115 min Scan# 3915

Delta R.T. -0.006 min

Lab File: BP019197.D

Acq: 30 Dec 2023 09:27

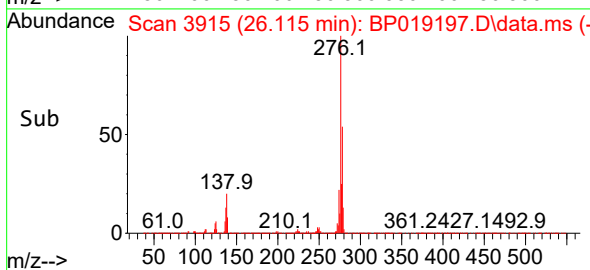
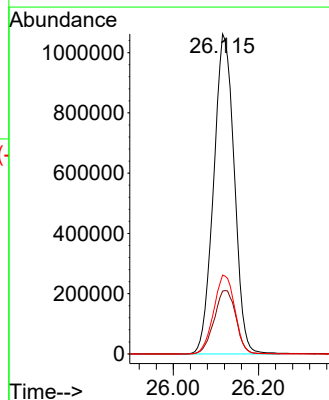
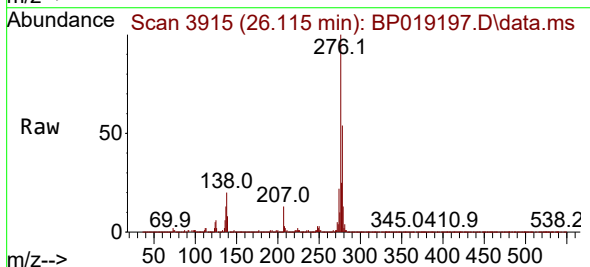
Tgt Ion:276 Resp: 3565854

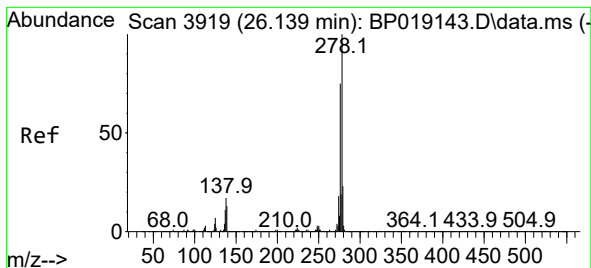
Ion Ratio Lower Upper

276 100

138 19.7 16.6 25.0

277 24.7 19.5 29.3





#95

Dibenzo(a,h)anthracene

Concen: 27.982 ng/ul

RT: 26.139 min Scan# 3919

Delta R.T. 0.000 min

Lab File: BP019197.D

Acq: 30 Dec 2023 09:27

Instrument :

BNA_P

ClientSampleId :

SLCS060

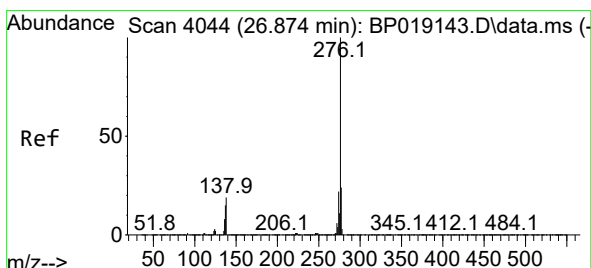
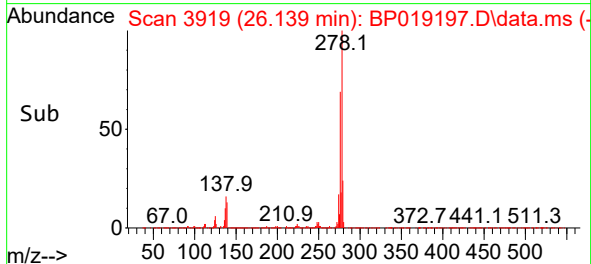
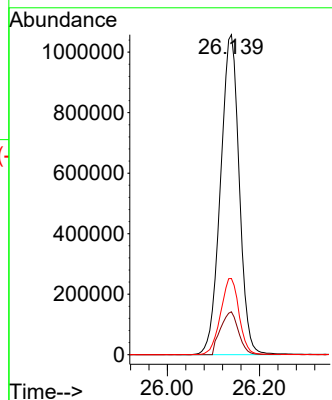
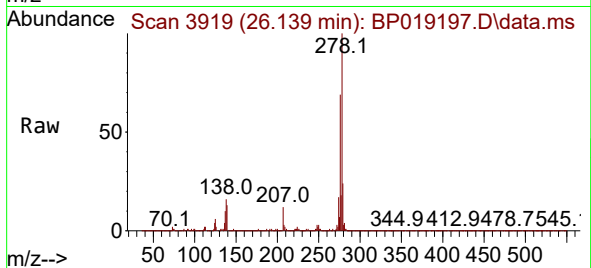
Tgt Ion:278 Resp: 2972745

Ion Ratio Lower Upper

278 100

139 13.4 11.0 16.4

279 23.8 19.2 28.8



#96

Benzo(g,h,i)perylene

Concen: 28.124 ng/ul

RT: 26.874 min Scan# 4044

Delta R.T. 0.000 min

Lab File: BP019197.D

Acq: 30 Dec 2023 09:27

Tgt Ion:276 Resp: 2878237

Ion Ratio Lower Upper

276 100

138 17.9 15.2 22.8

277 24.0 19.4 29.0

