

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090823\
 Data File : BP017057.D
 Acq On : 09 Sep 2023 18:00
 Operator : MA/JU
 Sample : PB155261BS
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS261

Quant Time: Sep 09 23:07:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP090523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 09 01:41:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	346394	20.000	ng/u1	0.00
20) Naphthalene-d8	10.798	136	1506450	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.628	164	892756	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.392	188	1856591	20.000	ng/u1	0.00
79) Chrysene-d12	21.492	240	1603387	20.000	ng/u1	0.00
88) Perylene-d12	24.021	264	1439718	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	61306	6.695	ng/uL	0.00
4) Pyridine-d5	3.758	84	576005	22.013	ng/u1	0.00
7) Phenol-d5	7.122	99	1187302	37.518	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.310	67	756428	38.213	ng/u1	0.00
11) 2-Chlorophenol-d4	7.493	132	880274	38.433	ng/u1	0.00
15) 4-Methylphenol-d8	8.687	113	911165	37.793	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	431426	36.914	ng/u1	0.00
24) 2-Nitrophenol-d4	9.887	143	467251	36.881	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	845257	36.138	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	487866	14.457	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	2464211	37.081	ng/u1	0.00
49) Acenaphthylene-d8	14.328	160	2902467	37.845	ng/u1	0.00
54) 4-Nitrophenol-d4	14.845	143	478583	36.868	ng/u1	0.00
60) Fluorene-d10	15.622	176	2105850	37.011	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	399379	35.745	ng/u1	0.00
73) Anthracene-d10	17.498	188	3181538	37.315	ng/u1	0.00
81) Pyrene-d10	19.733	212	3572077	36.576	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.851	264	2870426	39.300	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.358	88	128444	12.991	ng/uL	95
5) Pyridine	3.781	79	919732	33.018	ng/u1	98
6) Benzaldehyde	7.128	77	231426	16.135	ng/u1	98
8) Phenol	7.152	94	1210538	36.817	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.405	93	927576	35.376	ng/u1	97
12) 2-Chlorophenol	7.522	128	880500	36.085	ng/u1	96
13) 2-Methylphenol	8.410	108	859350	35.631	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.487	45	725303	19.647	ng/u1	98
16) Acetophenone	8.822	105	1410065	36.243	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.799	70	760612	36.598	ng/u1	96
18) 4-Methylphenol	8.752	108	953557	36.254	ng/u1	97
19) Hexachloroethane	9.040	117	359504	35.565	ng/u1	96
22) Nitrobenzene	9.216	77	1133542	36.324	ng/u1	99
23) Isophorone	9.728	82	2068918	35.289	ng/u1	98
25) 2-Nitrophenol	9.916	139	488715	35.037	ng/u1	96
26) 2,4-Dimethylphenol	9.957	107	923416	32.423	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.216	93	1257124	34.599	ng/u1	100
29) 2,4-Dichlorophenol	10.440	162	813962	34.148	ng/u1	99
30) Naphthalene	10.851	128	2798251	34.041	ng/u1	99
32) 4-Chloroaniline	10.987	127	880074	25.060	ng/u1	99
33) Hexachlorobutadiene	11.075	225	439701	30.862	ng/u1	100
34) Caprolactam	11.816	113	172714	21.878	ng/u1	89
35) 4-Chloro-3-methylphenol	12.087	107	934938	35.792	ng/u1	99
36) 2-Methylnaphthalene	12.451	142	1857265	34.190	ng/u1	99

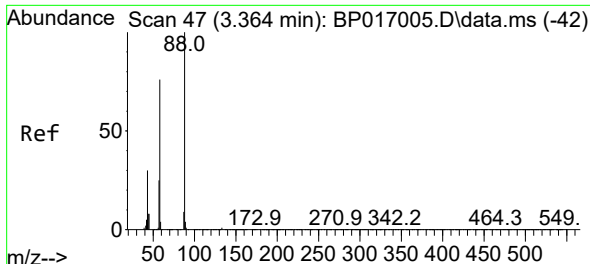
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.669	142	1911790	34.956	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.804	216	869308	33.049	ng/ul	97
40) Hexachlorocyclopentadiene	12.751	237	399306	23.430	ng/ul	99
41) 2,4,6-Trichlorophenol	13.057	196	548578	30.643	ng/ul	100
42) 2,4,5-Trichlorophenol	13.128	196	646570	33.193	ng/ul	99
43) 1,1'-Biphenyl	13.463	154	2479753	35.090	ng/ul	99
44) 2-Chloronaphthalene	13.510	162	1939989	34.965	ng/ul	99
45) 2-Nitroaniline	13.745	65	673050	40.732	ng/ul	96
47) Dimethylphthalate	14.092	163	2437301	34.955	ng/ul	100
48) 2,6-Dinitrotoluene	14.234	165	491227	36.276	ng/ul	93
50) Acenaphthylene	14.357	152	3057305	35.602	ng/ul	100
51) 3-Nitroaniline	14.575	138	532769	39.423	ng/ul	99
52) Acenaphthene	14.692	153	2137233	35.671	ng/ul	99
53) 2,4-Dinitrophenol	14.769	184	251079	29.905	ng/ul	90
55) 4-Nitrophenol	14.863	109	386551	37.206	ng/ul	95
56) Dibenzofuran	15.028	168	2903750	35.247	ng/ul	99
57) 2,4-Dinitrotoluene	15.016	165	739096	38.023	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.245	232	419839	26.733	ng/ul#	96
59) Diethylphthalate	15.445	149	2501748	35.904	ng/ul	99
61) Fluorene	15.681	166	2451604	36.095	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.669	204	1129384	34.407	ng/ul	96
63) 4-Nitroaniline	15.745	138	554014	46.627	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.769	198	386760	33.040	ng/ul	94
67) N-Nitrosodiphenylamine	15.898	169	1995440	35.644	ng/ul	99
68) 4-Bromophenyl-phenylether	16.575	248	618686	33.495	ng/ul	99
69) Hexachlorobenzene	16.657	284	668674	33.025	ng/ul	95
71) Pentachlorophenol	17.016	266	305071	23.105	ng/ul	97
72) Phenanthrene	17.439	178	3745778	36.309	ng/ul	100
74) Anthracene	17.533	178	3705741	35.733	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.416	216	884837	33.458	ng/uL	99
76) Pentachlorobenzene	14.922	250	817164	32.078	ng/uL	100
77) Carbazole	17.816	167	3464061	37.170	ng/ul	99
78) Di-n-butylphthalate	18.328	149	4323249	37.866	ng/ul	99
80) Fluoranthene	19.404	202	4182217	34.296	ng/ul	100
82) Pyrene	19.763	202	4408051	34.816	ng/ul	100
83) Butylbenzylphthalate	20.616	149	1978351	37.783	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.416	252	1166842	32.791	ng/ul	100
85) Benzo(a)anthracene	21.474	228	4079225	36.124	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.351	149	2862599	39.573	ng/ul	100
87) Chrysene	21.533	228	3755190	35.550	ng/ul	99
89) Di-n-octyl phthalate	22.316	149	4780778	39.612	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	3572347	35.514	ng/ul	99
91) Benzo(k)fluoranthene	23.286	252	3626543	37.230	ng/ul	99
93) Benzo(a)pyrene	23.910	252	3065923	36.543	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.704	276	3608228	38.743	ng/ul	97
95) Dibenzo(a,h)anthracene	26.727	278	3002921	39.066	ng/ul	98
96) Benzo(g,h,i)perylene	27.545	276	2786469	37.967	ng/ul	97

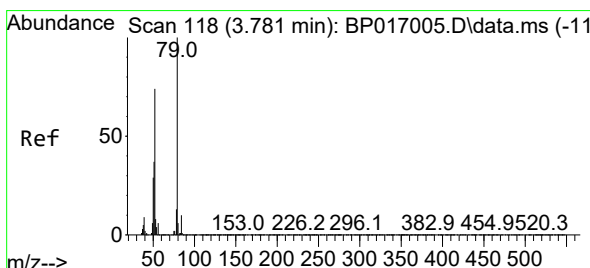
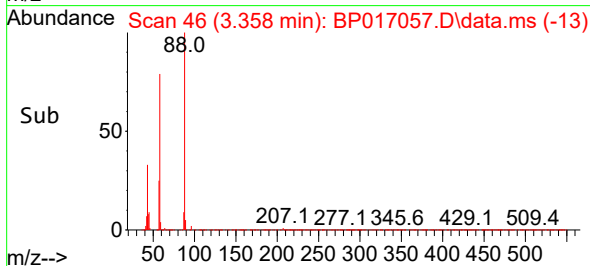
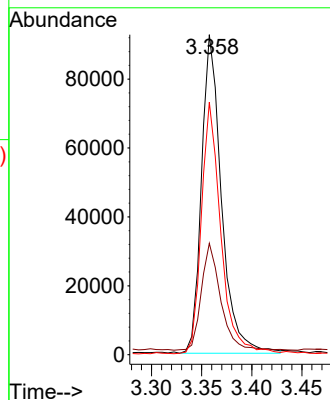
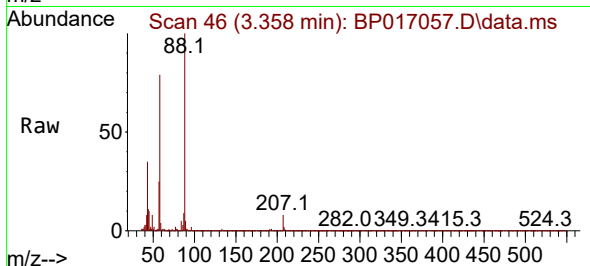
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#2
1,4-Dioxane
Concen: 12.991 ng/uL
RT: 3.358 min Scan# 40
Delta R.T. -0.006 min
Lab File: BP017057.D
Acq: 09 Sep 2023 18:00

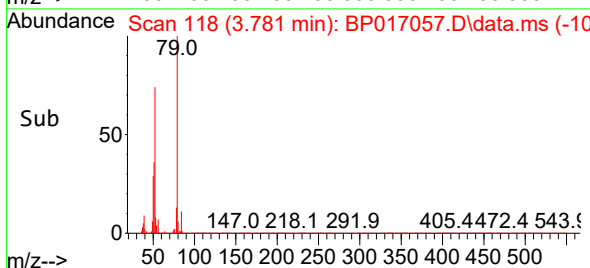
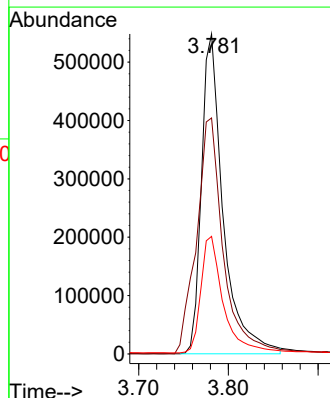
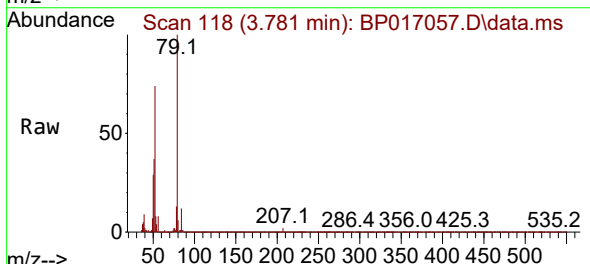
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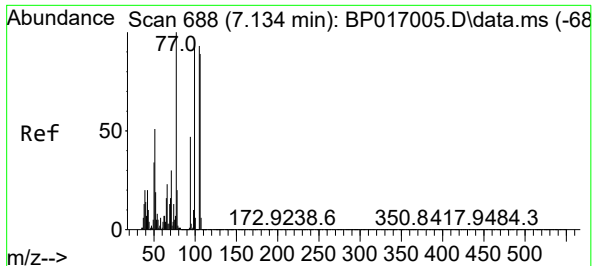
Tgt Ion: 88 Resp: 128444
Ion Ratio Lower Upper
88 100
43 34.8 25.0 37.6
58 78.9 60.6 90.8



#5
Pyridine
Concen: 33.018 ng/uL
RT: 3.781 min Scan# 118
Delta R.T. -0.000 min
Lab File: BP017057.D
Acq: 09 Sep 2023 18:00

Tgt Ion: 79 Resp: 919732
Ion Ratio Lower Upper
79 100
52 73.8 60.1 90.1
51 36.7 30.5 45.7

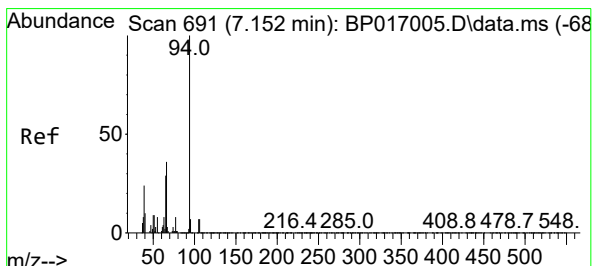
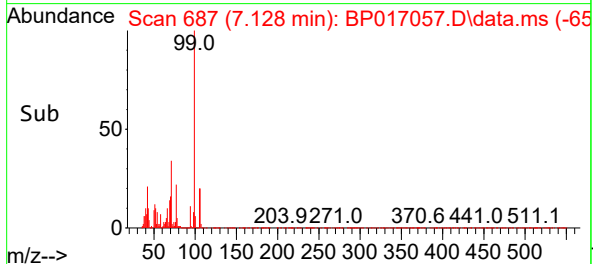
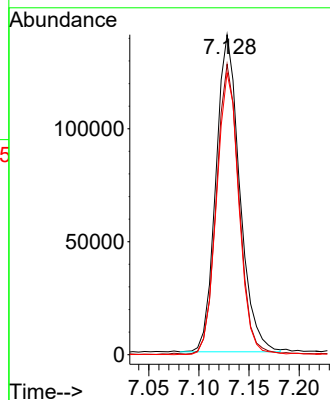
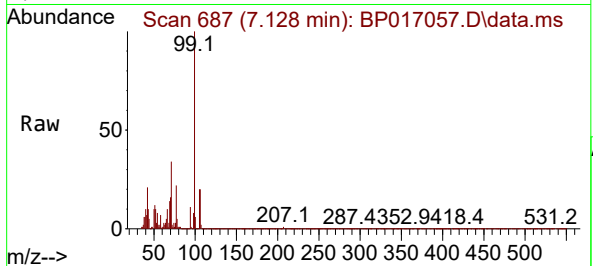




#6
Benzaldehyde
Concen: 16.135 ng/ul
RT: 7.128 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP017057.D
Acq: 09 Sep 2023 18:00

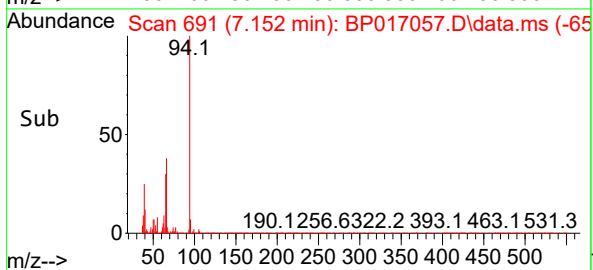
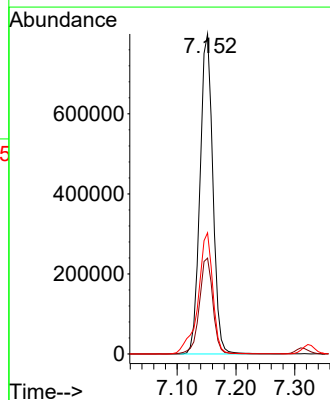
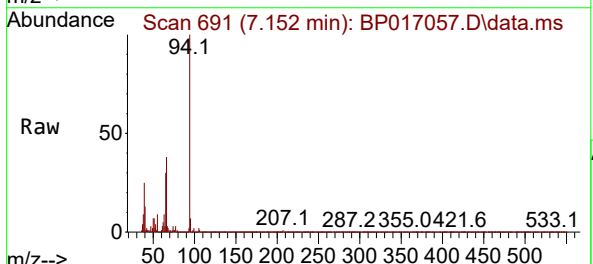
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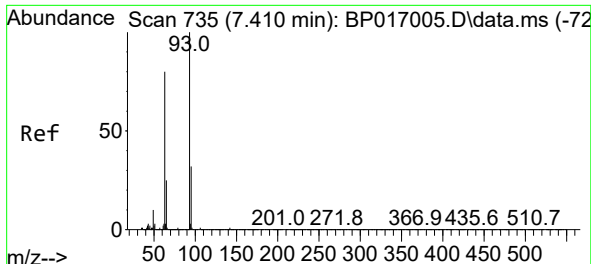
Tgt Ion: 77 Resp: 231426
Ion Ratio Lower Upper
77 100
105 90.8 75.4 113.0
106 88.1 71.4 107.2



#8
Phenol
Concen: 36.817 ng/ul
RT: 7.152 min Scan# 691
Delta R.T. -0.000 min
Lab File: BP017057.D
Acq: 09 Sep 2023 18:00

Tgt Ion: 94 Resp: 1210538
Ion Ratio Lower Upper
94 100
65 30.0 23.2 34.8
66 37.9 29.4 44.2

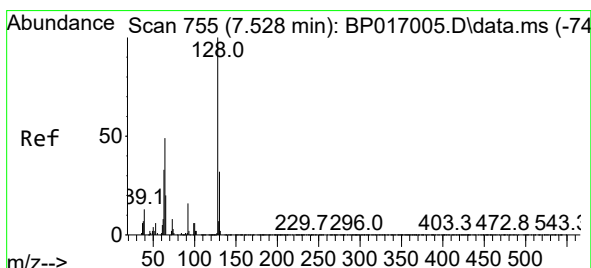
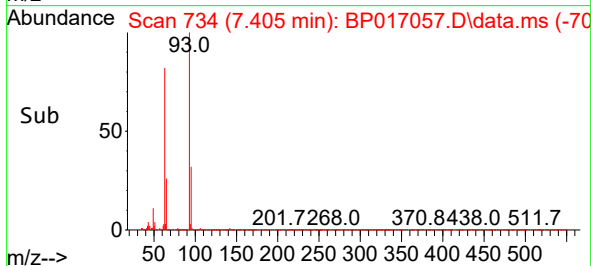
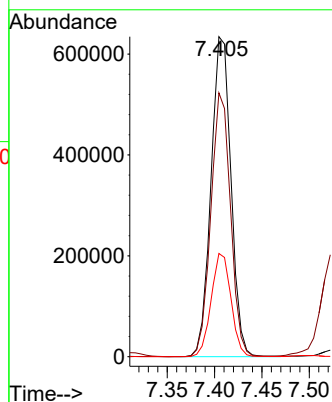
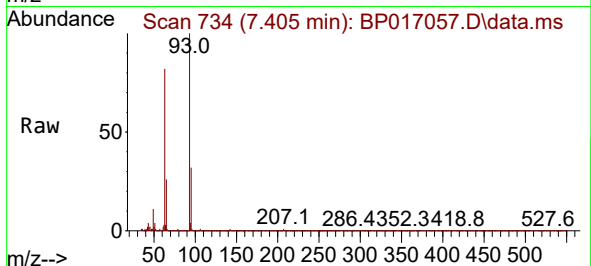




#10
Bis(2-Chloroethyl)ether
Concen: 35.376 ng/ul
RT: 7.405 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP017057.D
Acq: 09 Sep 2023 18:00

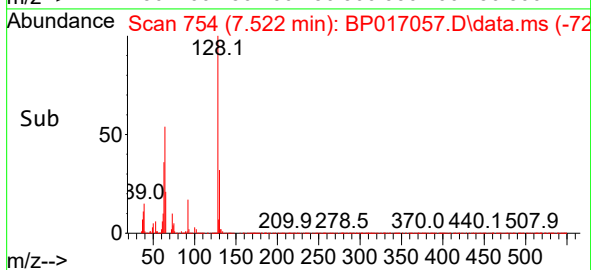
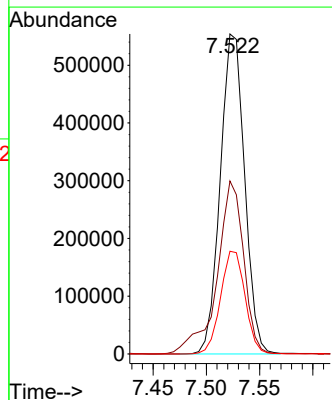
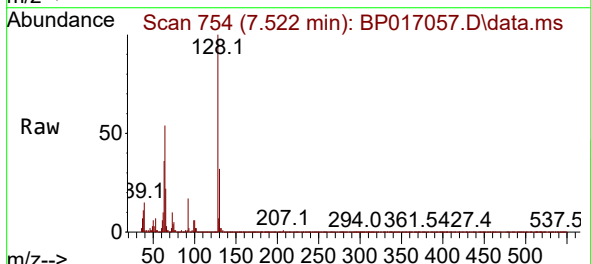
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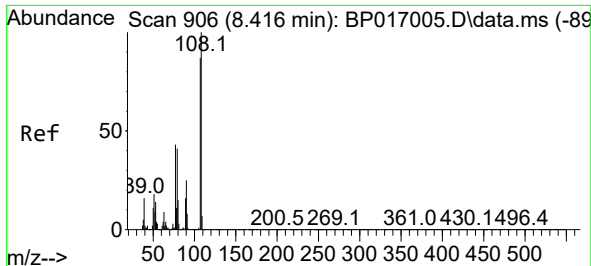
Tgt Ion: 93 Resp: 927576
Ion Ratio Lower Upper
93 100
63 82.5 63.4 95.2
95 32.3 26.1 39.1



#12
2-Chlorophenol
Concen: 36.085 ng/ul
RT: 7.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BP017057.D
Acq: 09 Sep 2023 18:00

Tgt Ion:128 Resp: 880500
Ion Ratio Lower Upper
128 100
64 54.0 40.2 60.2
130 32.1 25.2 37.8





#13

2-Methylphenol

Concen: 35.631 ng/ul

RT: 8.410 min Scan# 906

Delta R.T. -0.006 min

Lab File: BP017057.D

Acq: 09 Sep 2023 18:00

Instrument :

BNA_P

ClientSampleId :

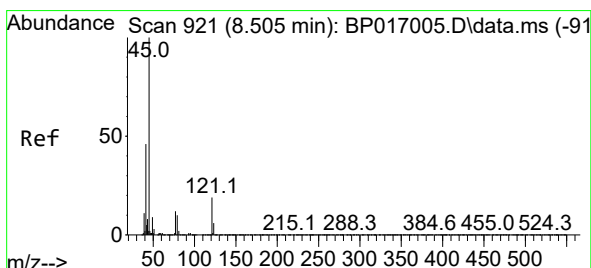
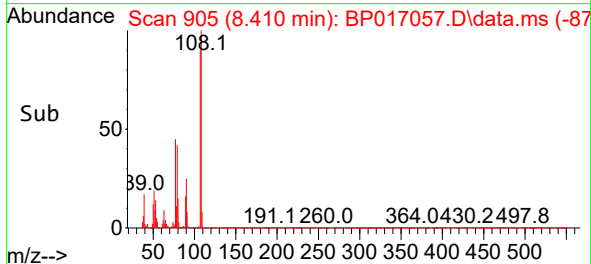
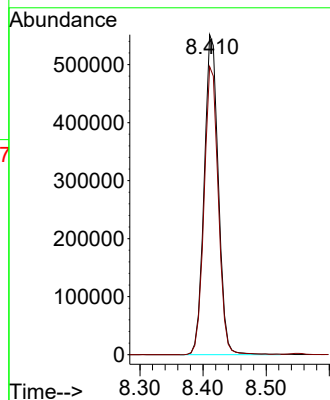
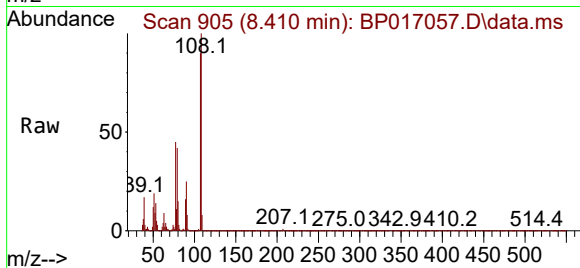
SLCS261

Tgt Ion:108 Resp: 859350

Ion Ratio Lower Upper

108 100

107 90.0 70.6 106.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 19.647 ng/ul

RT: 8.487 min Scan# 918

Delta R.T. -0.018 min

Lab File: BP017057.D

Acq: 09 Sep 2023 18:00

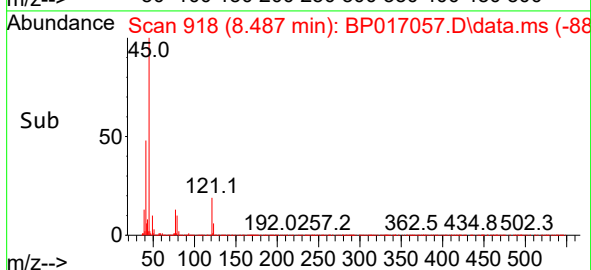
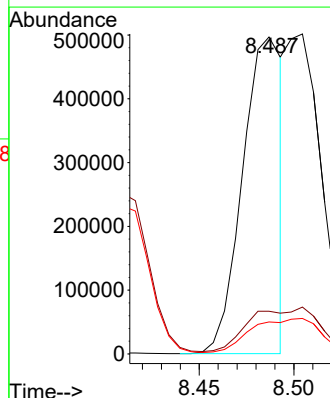
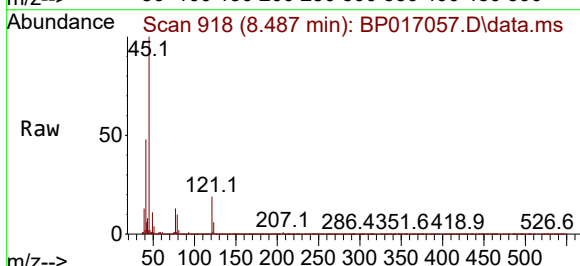
Tgt Ion: 45 Resp: 725303

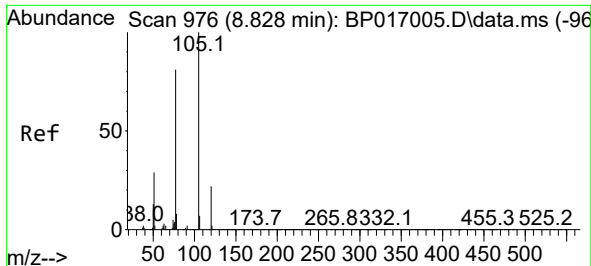
Ion Ratio Lower Upper

45 100

77 13.5 11.3 16.9

79 10.1 9.0 13.4

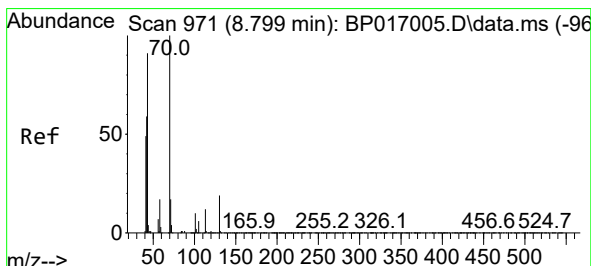
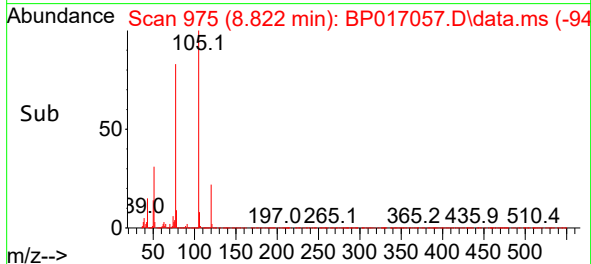
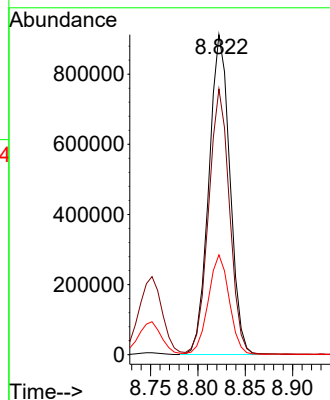
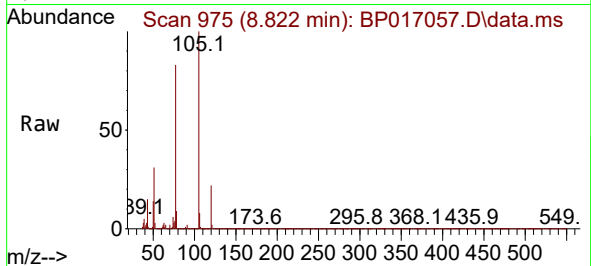




#16
Acetophenone
Concen: 36.243 ng/ul
RT: 8.822 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP017057.D
Acq: 09 Sep 2023 18:00

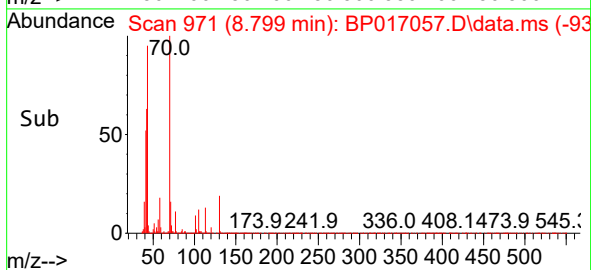
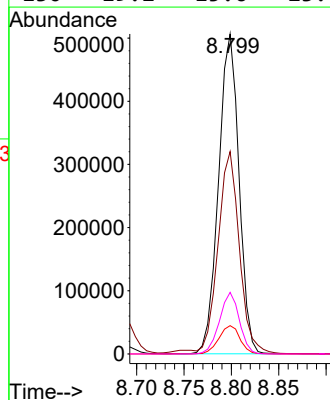
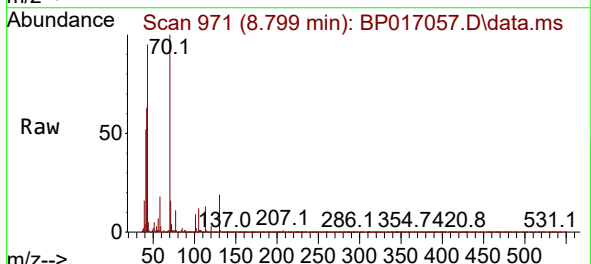
Instrument :
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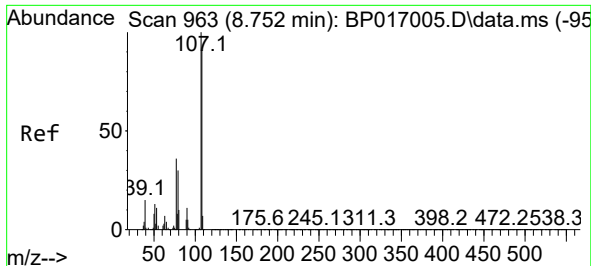
Tgt Ion:105 Resp: 1410065
Ion Ratio Lower Upper
105 100
77 83.0 63.6 95.4
51 31.2 23.4 35.0



#17
N-Nitroso-di-n-propylamine
Concen: 36.598 ng/ul
RT: 8.799 min Scan# 971
Delta R.T. -0.000 min
Lab File: BP017057.D
Acq: 09 Sep 2023 18:00

Tgt Ion: 70 Resp: 760612
Ion Ratio Lower Upper
70 100
42 63.2 47.4 71.2
101 8.8 7.3 10.9
130 19.2 15.6 23.4

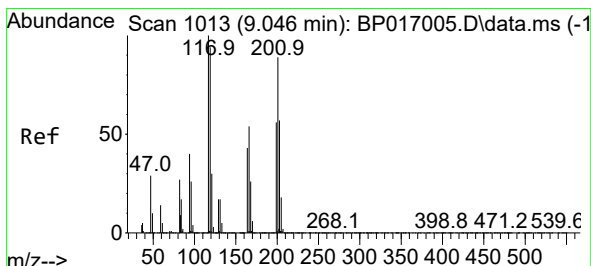
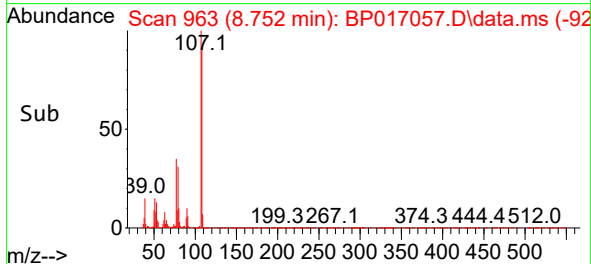
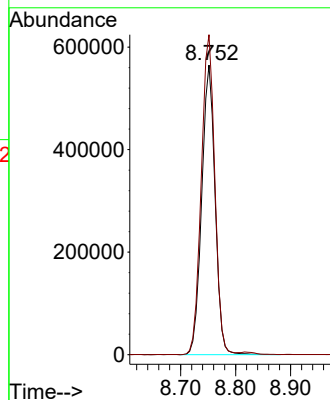
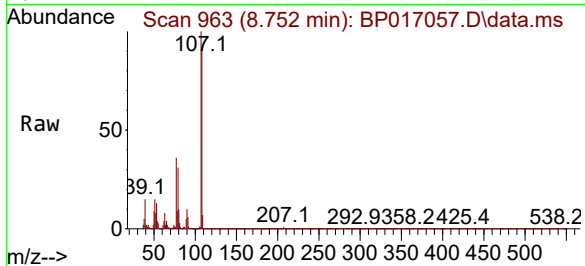




#18
4-Methylphenol
Concen: 36.254 ng/ul
RT: 8.752 min Scan# 90
Delta R.T. -0.000 min
Lab File: BP017057.D
Acq: 09 Sep 2023 18:00

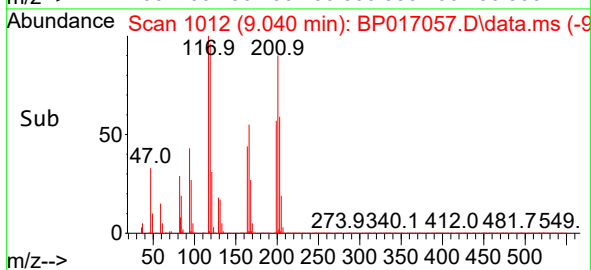
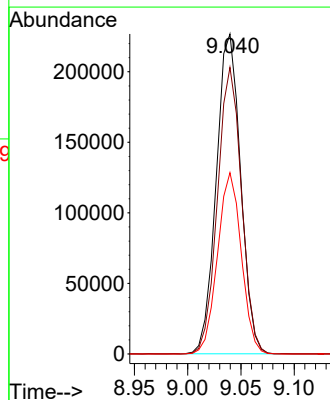
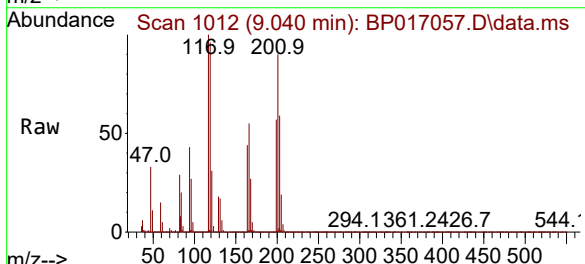
Instrument :
BNA_P
ClientSampleId :
SLCS261

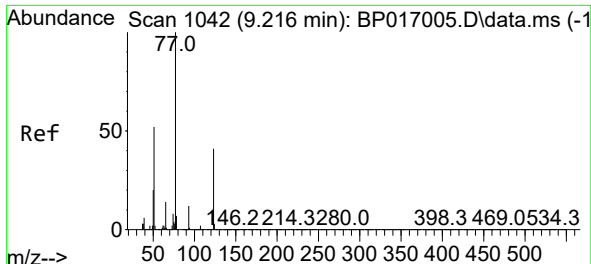
Tgt Ion:108 Resp: 953557
Ion Ratio Lower Upper
108 100
107 110.5 90.6 135.8



#19
Hexachloroethane
Concen: 35.565 ng/ul
RT: 9.040 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BP017057.D
Acq: 09 Sep 2023 18:00

Tgt Ion:117 Resp: 359504
Ion Ratio Lower Upper
117 100
201 89.5 75.8 113.6
199 56.6 46.8 70.2

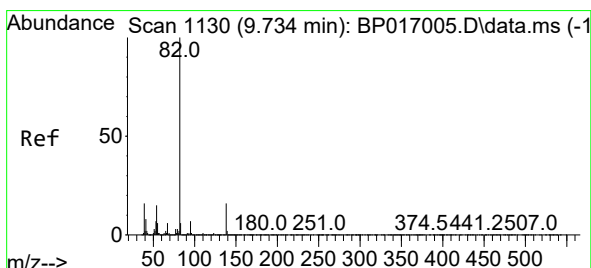
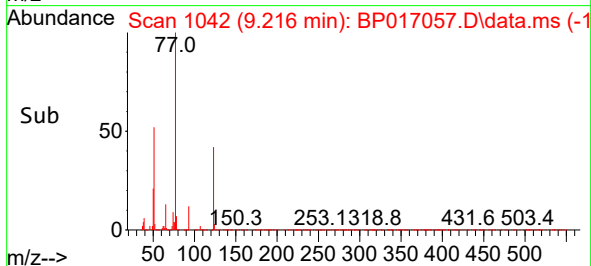
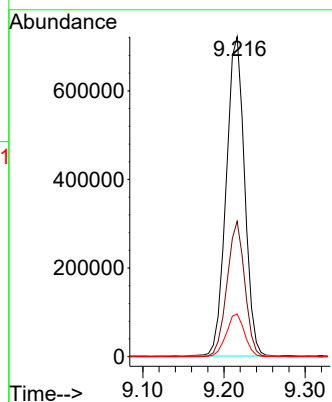
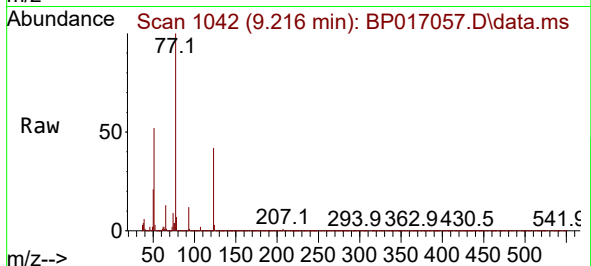




#22
Nitrobenzene
Concen: 36.324 ng/ul
RT: 9.216 min Scan# 110
Delta R.T. -0.000 min
Lab File: BP017057.D
Acq: 09 Sep 2023 18:00

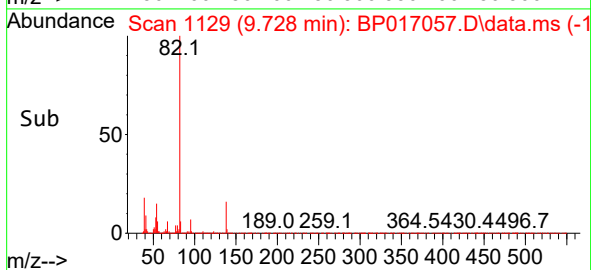
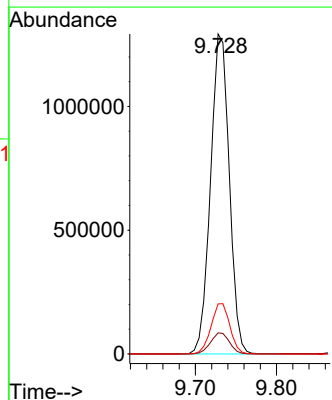
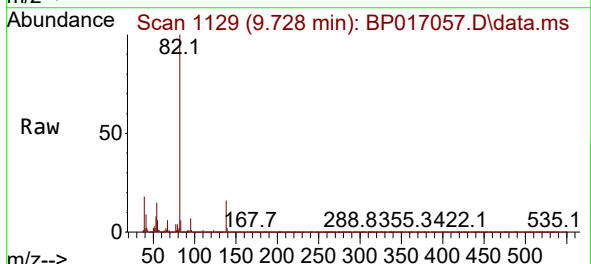
Instrument :
BNA_P
ClientSampleId :
SLCS261

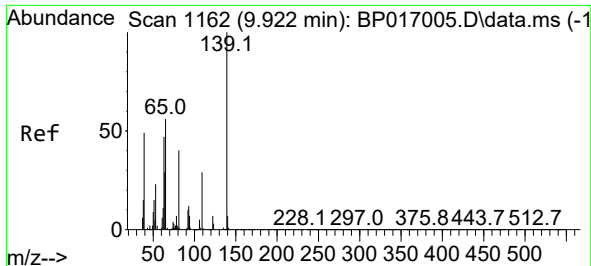
Tgt Ion: 77 Resp: 1133542
Ion Ratio Lower Upper
77 100
123 42.3 34.4 51.6
65 13.3 10.6 15.8



#23
Isophorone
Concen: 35.289 ng/ul
RT: 9.728 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BP017057.D
Acq: 09 Sep 2023 18:00

Tgt Ion: 82 Resp: 2068918
Ion Ratio Lower Upper
82 100
95 6.6 5.3 7.9
138 15.7 13.4 20.2

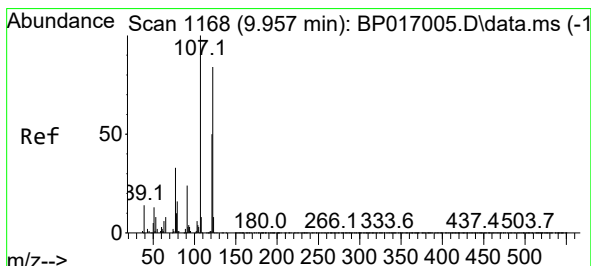
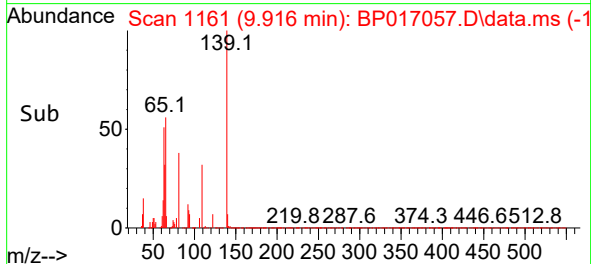
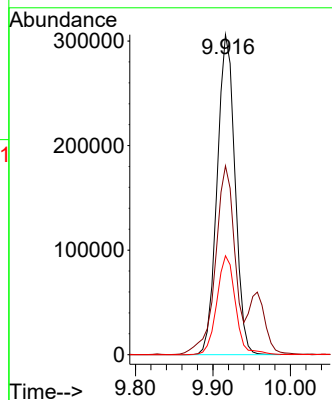
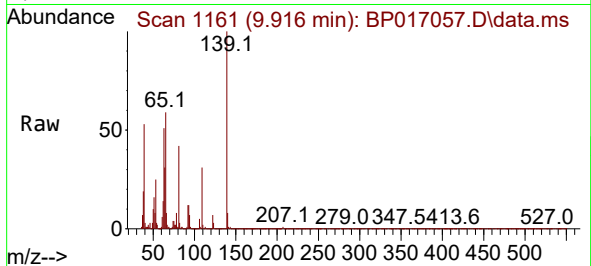




#25
2-Nitrophenol
Concen: 35.037 ng/ul
RT: 9.916 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BP017057.D
Acq: 09 Sep 2023 18:00

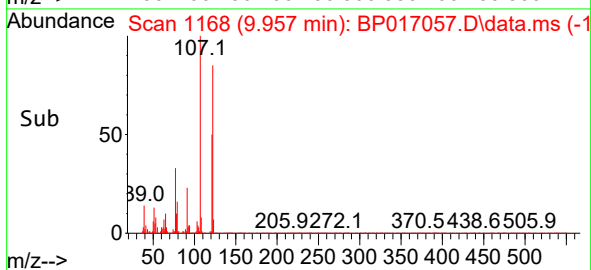
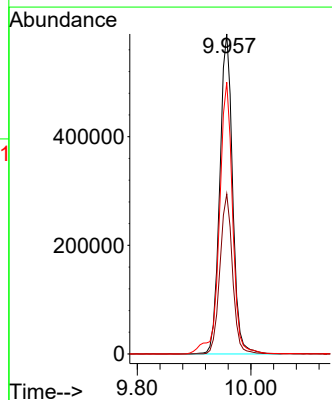
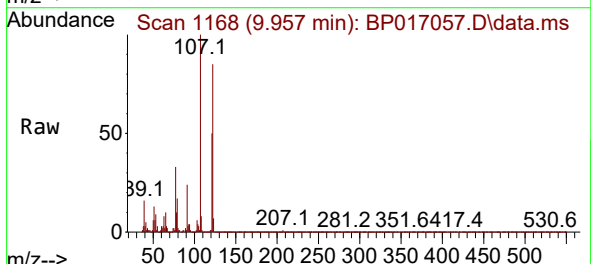
Instrument :
BNA_P
ClientSampleId :
SLCS261

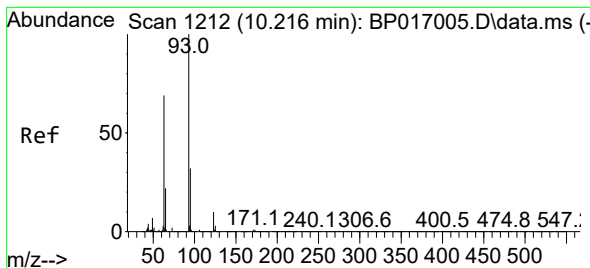
Tgt Ion:139 Resp: 488715
Ion Ratio Lower Upper
139 100
65 59.0 44.0 66.0
109 30.9 24.1 36.1



#26
2,4-Dimethylphenol
Concen: 32.423 ng/ul
RT: 9.957 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BP017057.D
Acq: 09 Sep 2023 18:00

Tgt Ion:107 Resp: 923416
Ion Ratio Lower Upper
107 100
121 50.0 41.0 61.6
122 84.9 69.0 103.4





#27

Bis(2-Chloroethoxy)methane

Concen: 34.599 ng/ul

RT: 10.216 min Scan# 1212

Delta R.T. -0.000 min

Lab File: BP017057.D

Acq: 09 Sep 2023 18:00

Instrument :

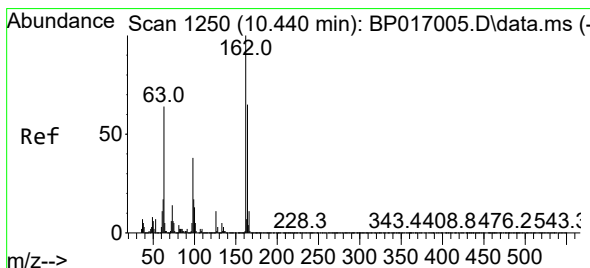
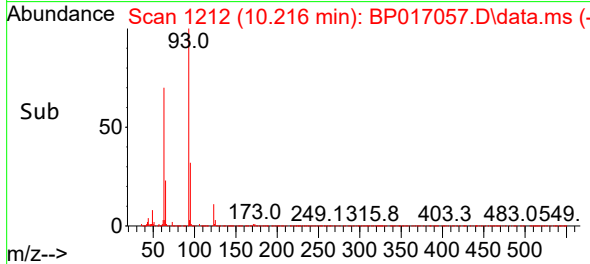
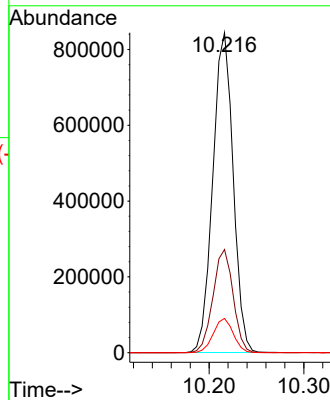
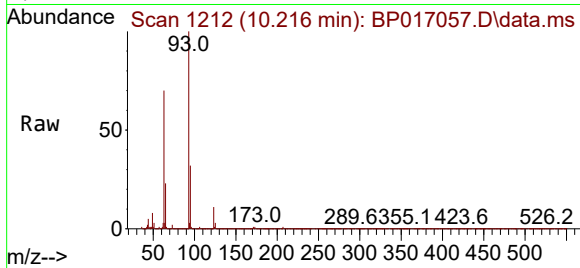
BNA_P

ClientSampleId :

SLCS261

Tgt Ion: 93 Resp: 1257124

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.0	39.0
123	10.7	8.6	13.0



#29

2,4-Dichlorophenol

Concen: 34.148 ng/ul

RT: 10.440 min Scan# 1250

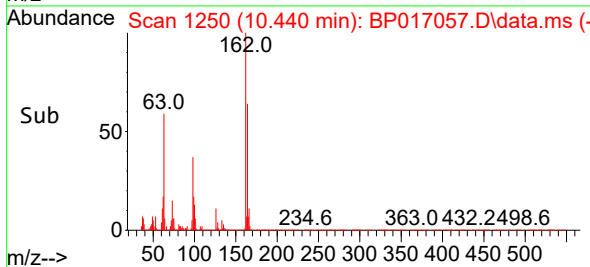
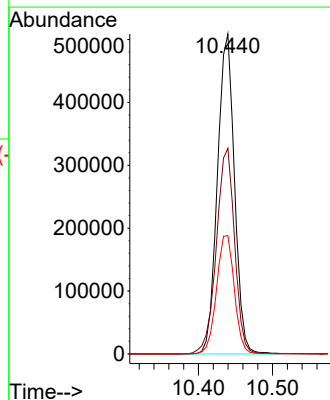
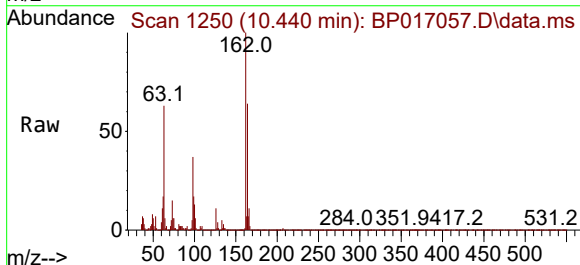
Delta R.T. -0.000 min

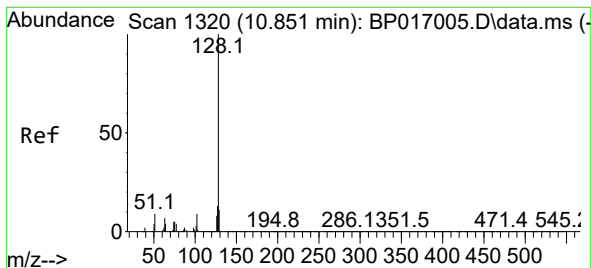
Lab File: BP017057.D

Acq: 09 Sep 2023 18:00

Tgt Ion:162 Resp: 813962

Ion	Ratio	Lower	Upper
162	100		
164	64.3	51.8	77.6
98	36.9	28.2	42.4





#30

Naphthalene

Concen: 34.041 ng/ul

RT: 10.851 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP017057.D

Acq: 09 Sep 2023 18:00

Instrument :

BNA_P

ClientSampleId :

SLCS261

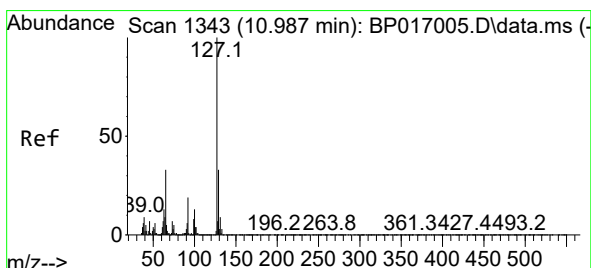
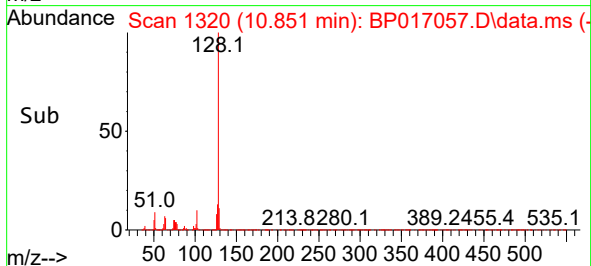
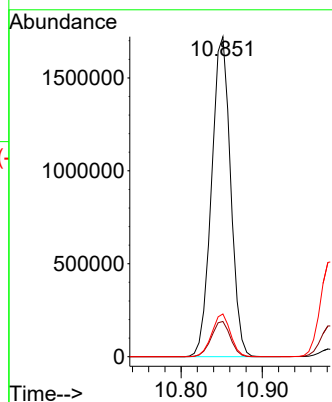
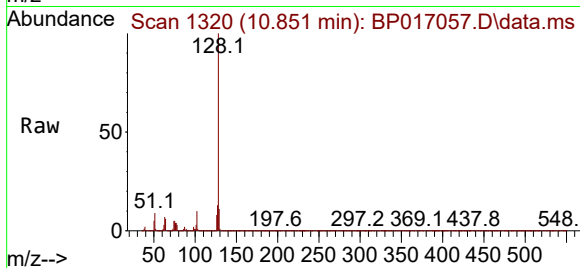
Tgt Ion:128 Resp: 2798251

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.3 10.3 15.5



#32

4-Chloroaniline

Concen: 25.060 ng/ul

RT: 10.987 min Scan# 1343

Delta R.T. -0.000 min

Lab File: BP017057.D

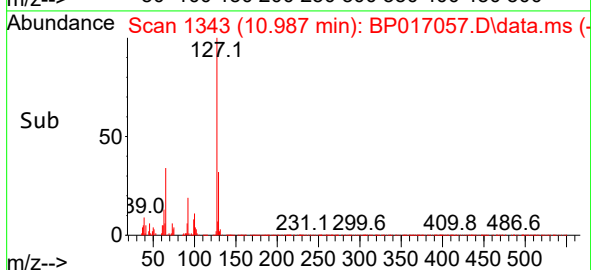
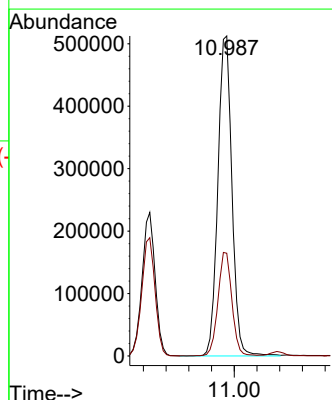
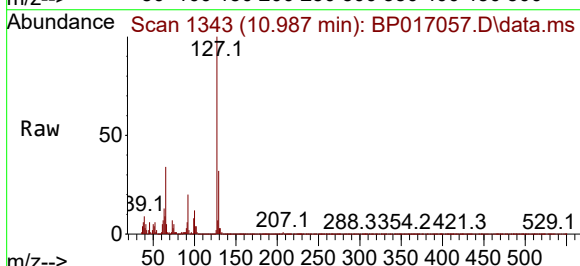
Acq: 09 Sep 2023 18:00

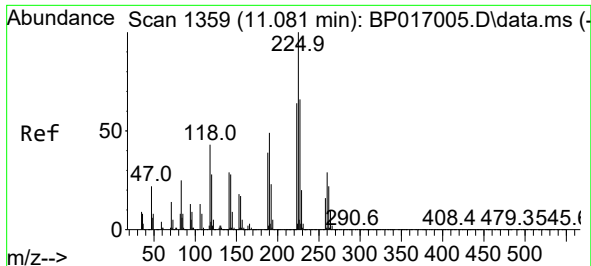
Tgt Ion:127 Resp: 880074

Ion Ratio Lower Upper

127 100

129 32.1 26.0 39.0

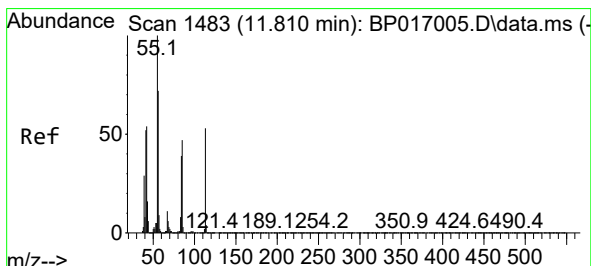
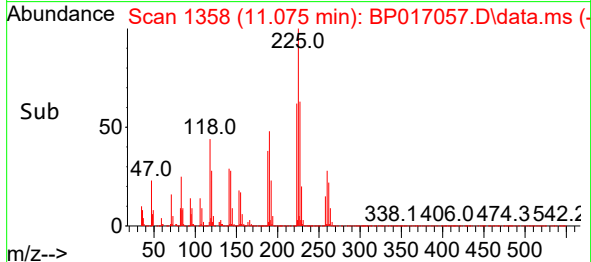
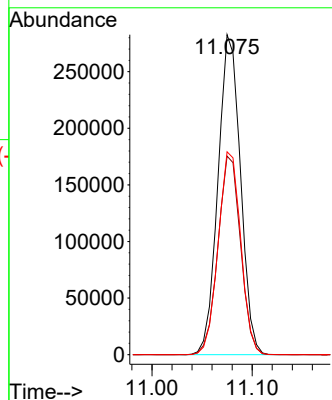
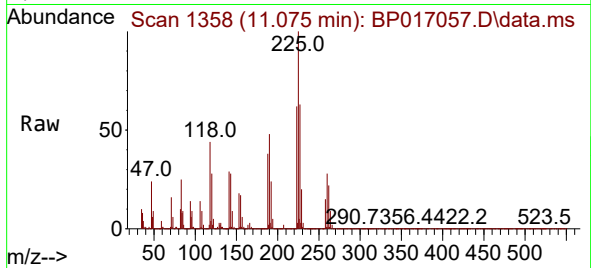




#33
Hexachlorobutadiene
Concen: 30.862 ng/ul
RT: 11.075 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP017057.D
Acq: 09 Sep 2023 18:00

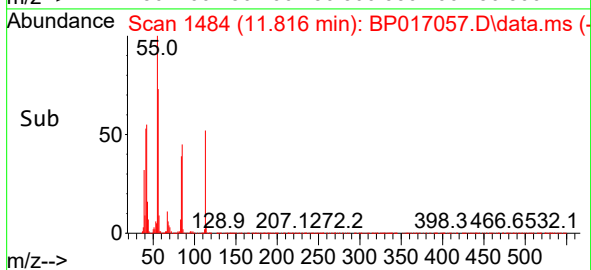
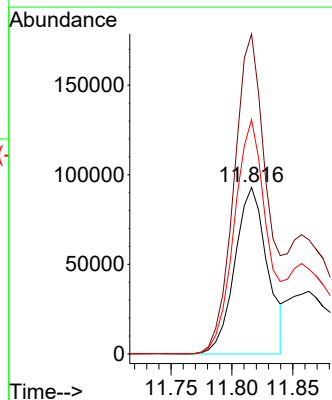
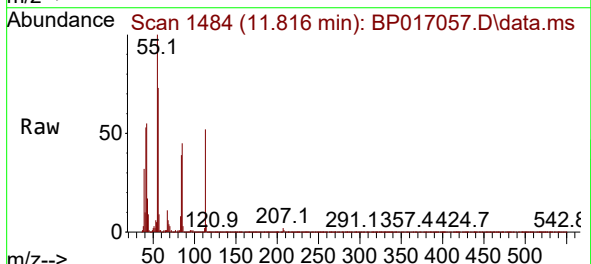
Instrument :
BNA_P
ClientSampleId :
SLCS261

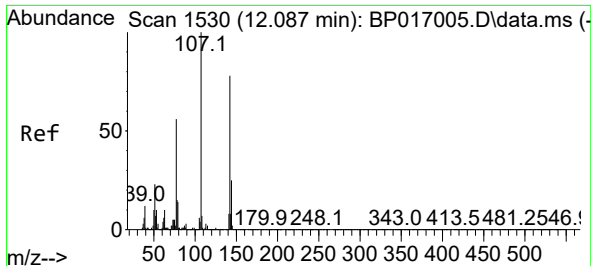
Tgt Ion:225 Resp: 439701
Ion Ratio Lower Upper
225 100
223 62.0 50.1 75.1
227 63.4 50.9 76.3



#34
Caprolactam
Concen: 21.878 ng/ul
RT: 11.816 min Scan# 1484
Delta R.T. -0.000 min
Lab File: BP017057.D
Acq: 09 Sep 2023 18:00

Tgt Ion:113 Resp: 172714
Ion Ratio Lower Upper
113 100
55 192.1 142.3 213.5
56 140.6 102.2 153.2

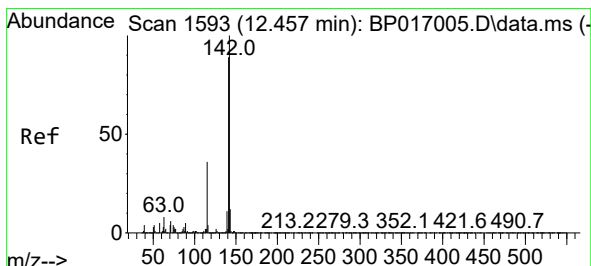
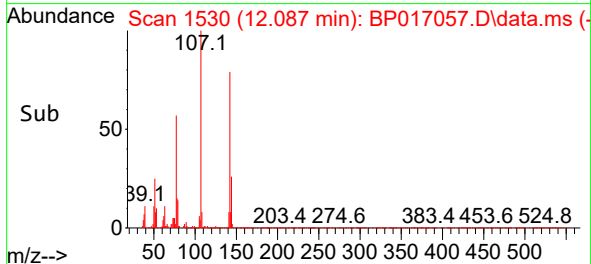
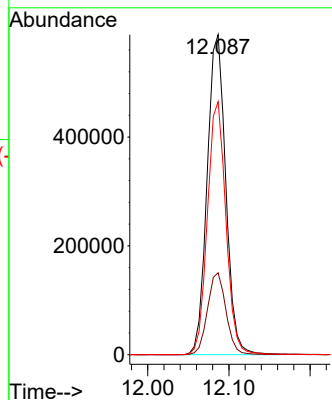
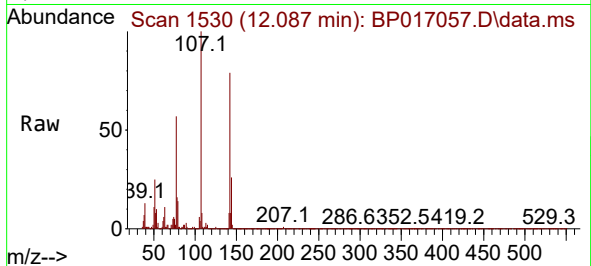




#35
4-Chloro-3-methylphenol
Concen: 35.792 ng/ul
RT: 12.087 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BP017057.D
Acq: 09 Sep 2023 18:00

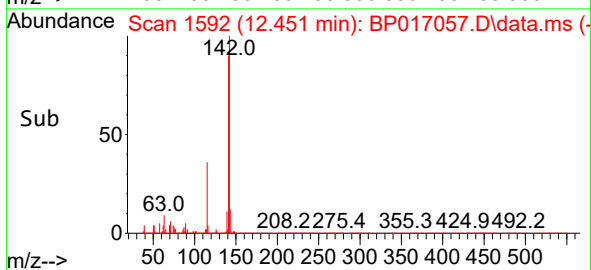
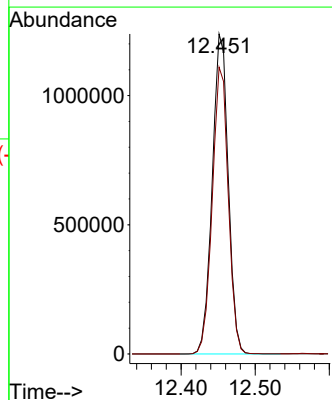
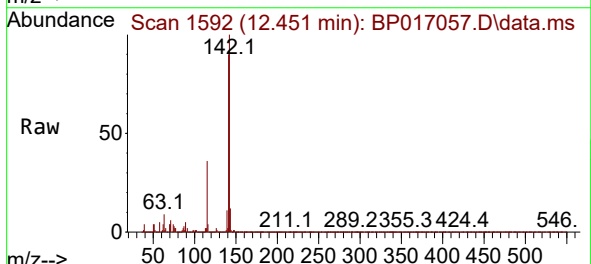
Instrument :
BNA_P
ClientSampleId :
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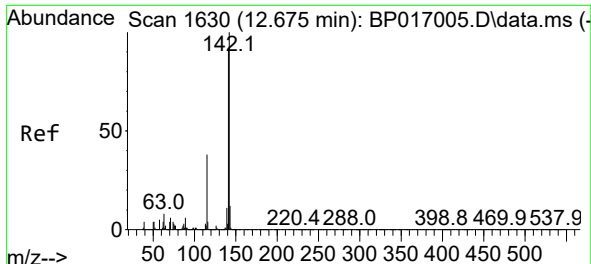
Tgt Ion:107 Resp: 934938
Ion Ratio Lower Upper
107 100
144 25.6 20.3 30.5
142 79.0 63.8 95.8



#36
2-Methylnaphthalene
Concen: 34.190 ng/ul
RT: 12.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BP017057.D
Acq: 09 Sep 2023 18:00

Tgt Ion:142 Resp: 1857265
Ion Ratio Lower Upper
142 100
141 89.6 71.1 106.7





#37

1-Methylnaphthalene

Concen: 34.956 ng/ul

RT: 12.669 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP017057.D

Acq: 09 Sep 2023 18:00

Instrument :

BNA_P

ClientSampleId :

SLCS261

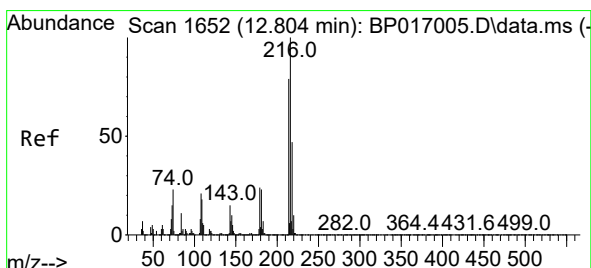
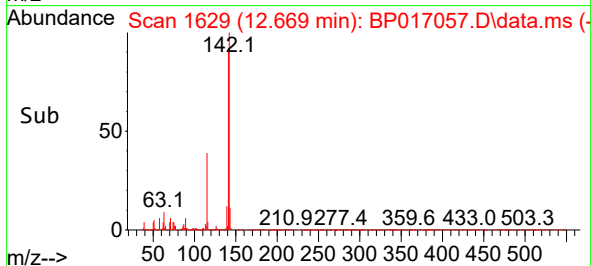
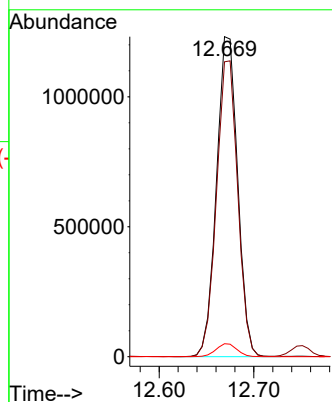
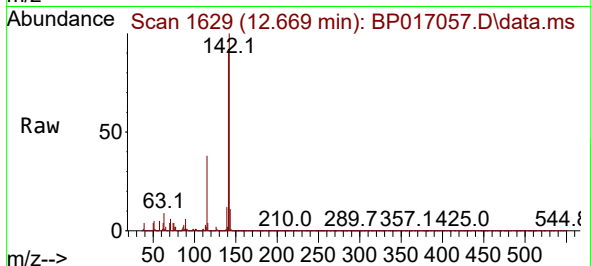
Tgt Ion:142 Resp: 1911790

Ion Ratio Lower Upper

142 100

141 92.1 74.5 111.7

116 4.0 3.1 4.7



#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.049 ng/ul

RT: 12.804 min Scan# 1652

Delta R.T. -0.000 min

Lab File: BP017057.D

Acq: 09 Sep 2023 18:00

Tgt Ion:216 Resp: 869308

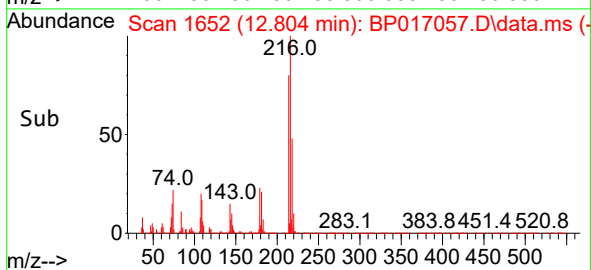
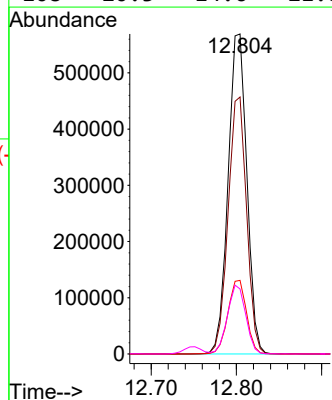
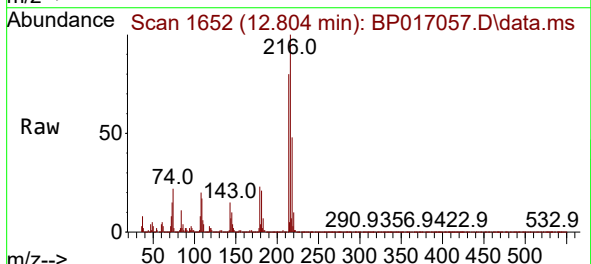
Ion Ratio Lower Upper

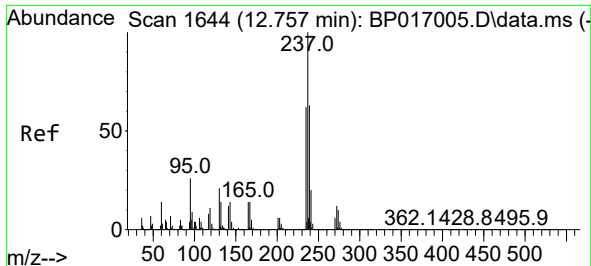
216 100

214 80.3 62.8 94.2

179 23.0 17.5 26.3

108 20.3 14.6 21.8

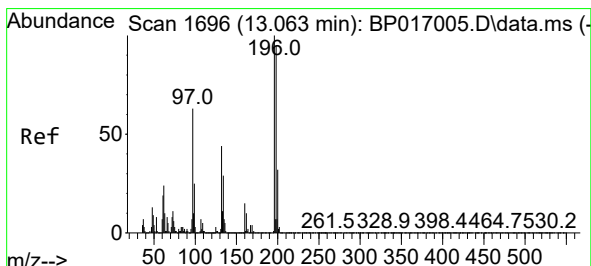
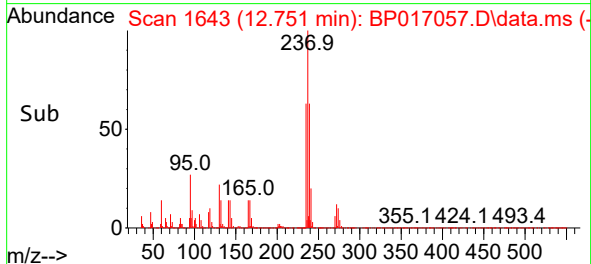
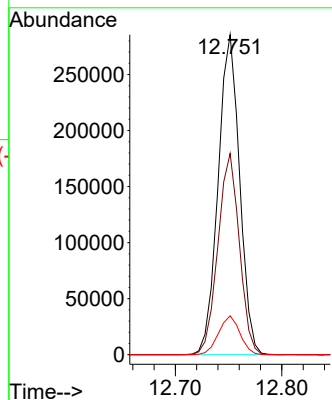
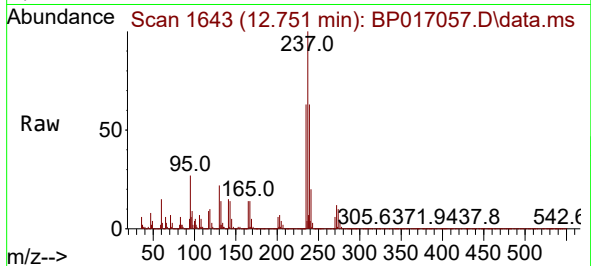




#40
Hexachlorocyclopentadiene
Concen: 23.430 ng/ul
RT: 12.751 min Scan# 1643
Delta R.T. -0.006 min
Lab File: BP017057.D
Acq: 09 Sep 2023 18:00

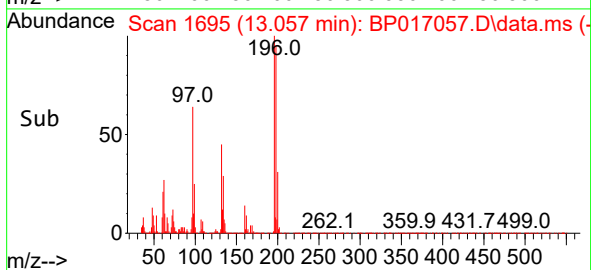
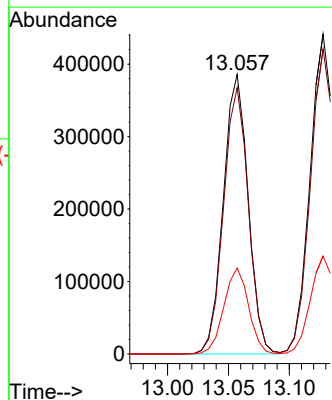
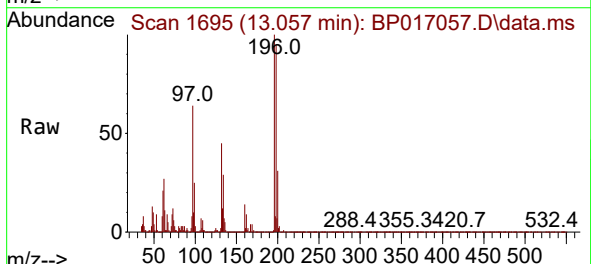
Instrument :
BNA_P
ClientSampleId :
SLCS261

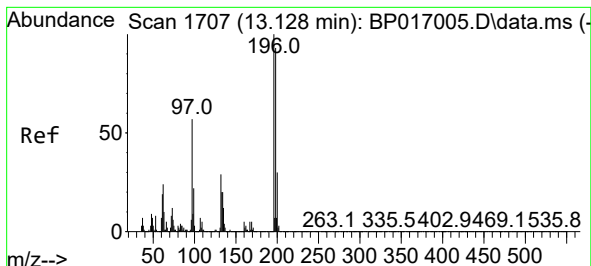
Tgt Ion:237 Resp: 399306
Ion Ratio Lower Upper
237 100
235 62.9 50.8 76.2
272 12.2 10.0 15.0



#41
2,4,6-Trichlorophenol
Concen: 30.643 ng/ul
RT: 13.057 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BP017057.D
Acq: 09 Sep 2023 18:00

Tgt Ion:196 Resp: 548578
Ion Ratio Lower Upper
196 100
198 95.3 75.8 113.6
200 30.7 24.6 36.8





#42

2,4,5-Trichlorophenol

Concen: 33.193 ng/ul

RT: 13.128 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP017057.D

Acq: 09 Sep 2023 18:00

Instrument :

BNA_P

ClientSampleId :

SLCS261

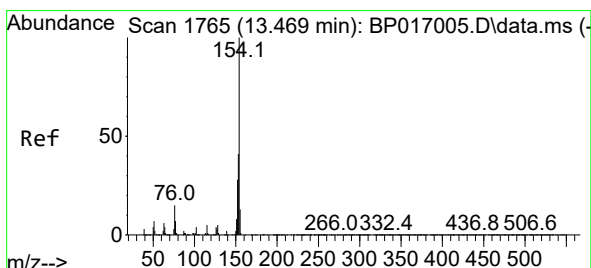
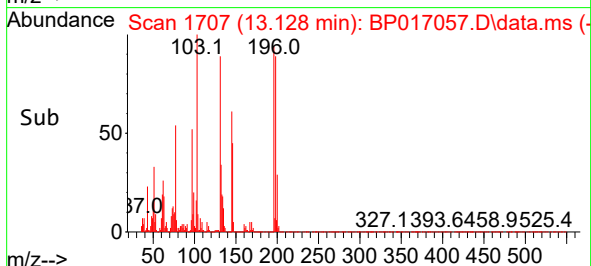
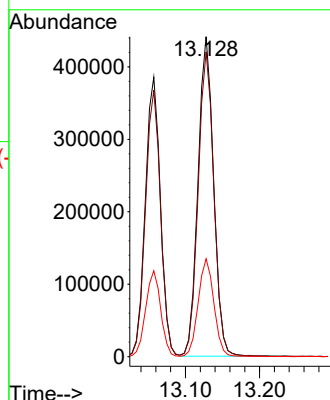
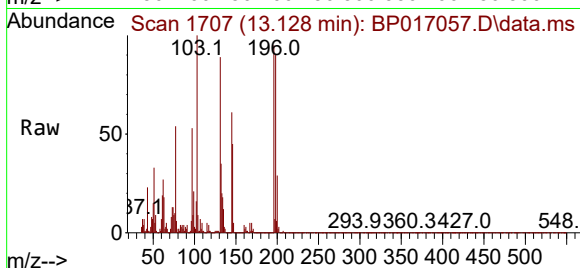
Tgt Ion:196 Resp: 646570

Ion Ratio Lower Upper

196 100

198 95.3 74.9 112.3

200 30.6 24.5 36.7



#43

1,1'-Biphenyl

Concen: 35.090 ng/ul

RT: 13.463 min Scan# 1764

Delta R.T. -0.000 min

Lab File: BP017057.D

Acq: 09 Sep 2023 18:00

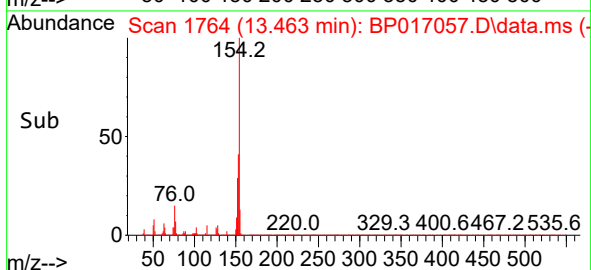
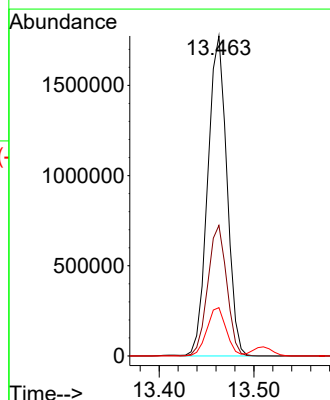
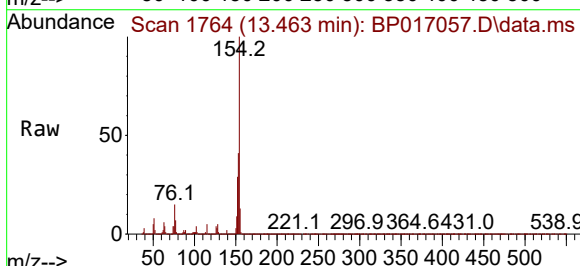
Tgt Ion:154 Resp: 2479753

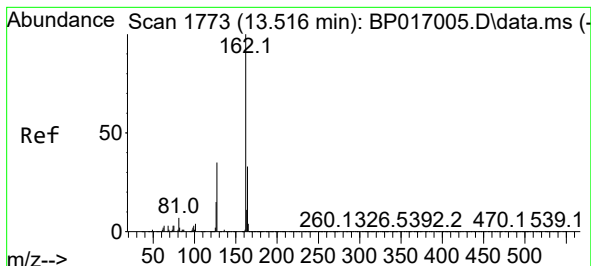
Ion Ratio Lower Upper

154 100

153 40.8 32.7 49.1

76 15.1 11.5 17.3

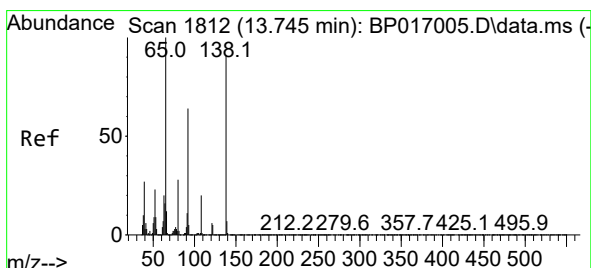
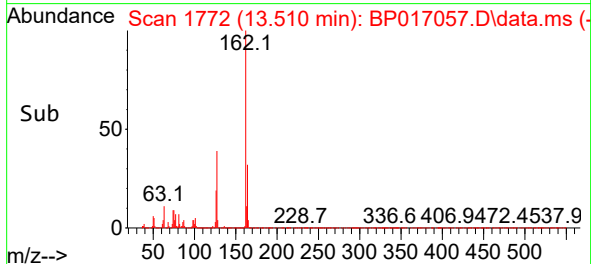
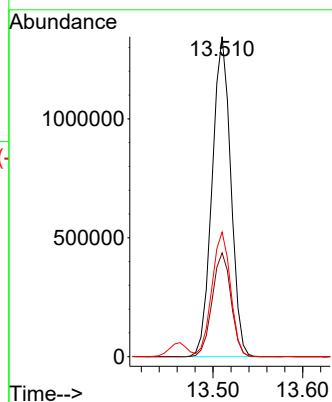
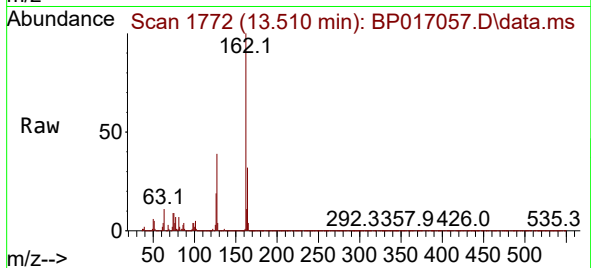




#44
2-Chloronaphthalene
Concen: 34.965 ng/ul
RT: 13.510 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BP017057.D
Acq: 09 Sep 2023 18:00

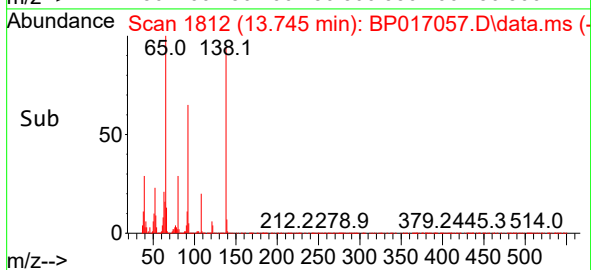
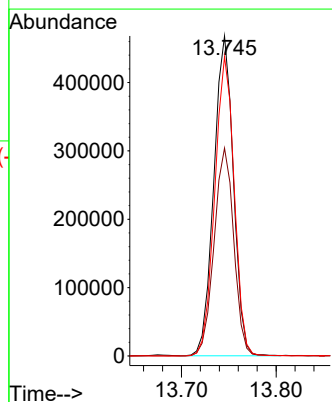
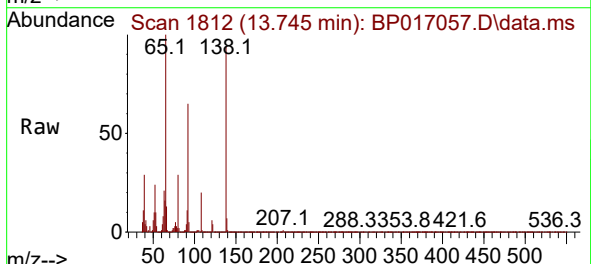
Instrument :
BNA_P
ClientSampleId :
SLCS261

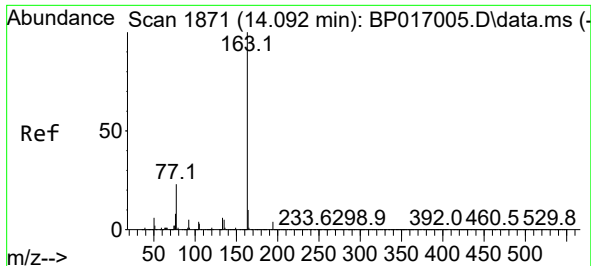
Tgt Ion:162 Resp: 1939989
Ion Ratio Lower Upper
162 100
164 32.4 26.2 39.4
127 38.9 30.8 46.2



#45
2-Nitroaniline
Concen: 40.732 ng/ul
RT: 13.745 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BP017057.D
Acq: 09 Sep 2023 18:00

Tgt Ion: 65 Resp: 673050
Ion Ratio Lower Upper
65 100
92 65.0 55.4 83.0
138 93.6 76.8 115.2

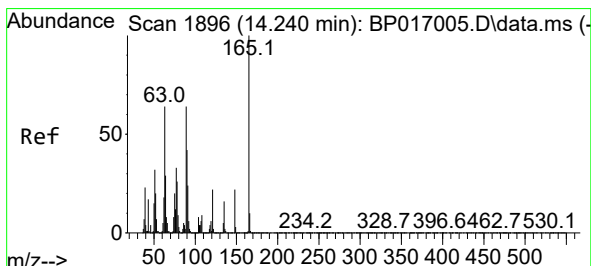
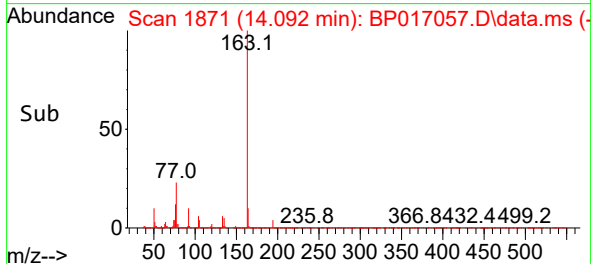
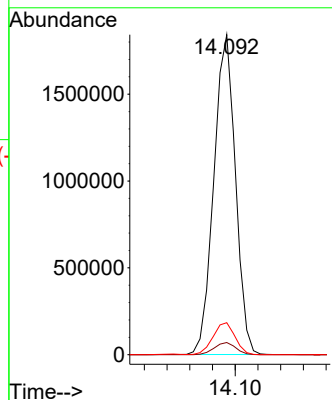
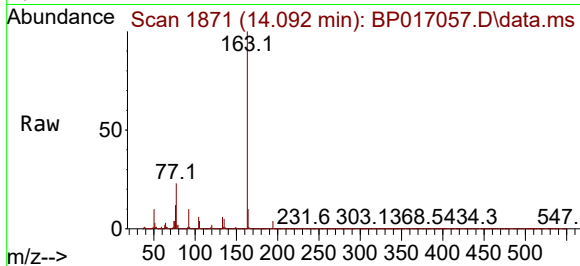




#47
Dimethylphthalate
Concen: 34.955 ng/ul
RT: 14.092 min Scan# 1871
Delta R.T. -0.000 min
Lab File: BP017057.D
Acq: 09 Sep 2023 18:00

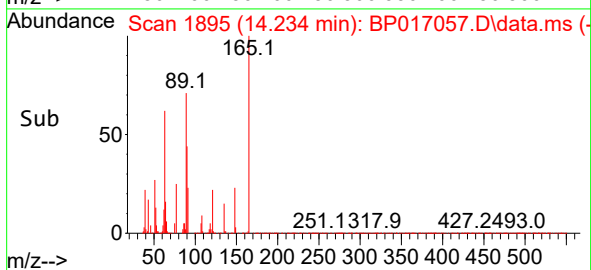
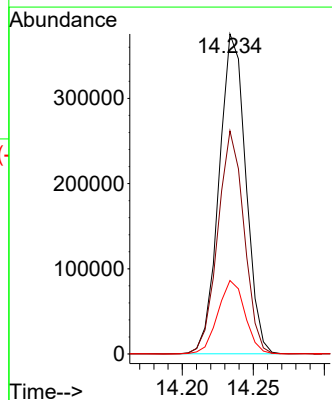
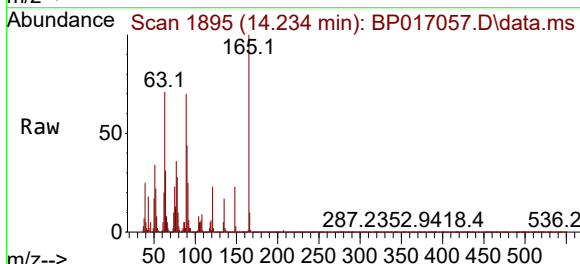
Instrument :
BNA_P
ClientSampleId :
SLCS261

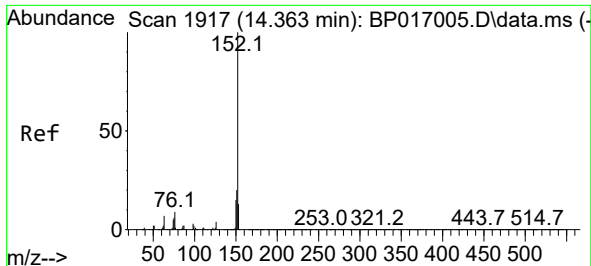
Tgt Ion:163 Resp: 2437301
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.0 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 36.276 ng/ul
RT: 14.234 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BP017057.D
Acq: 09 Sep 2023 18:00

Tgt Ion:165 Resp: 491227
Ion Ratio Lower Upper
165 100
89 69.7 50.0 75.0
121 23.0 17.8 26.6

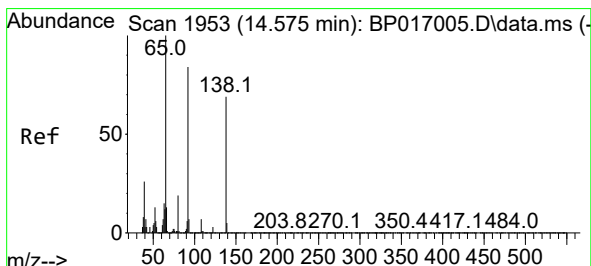
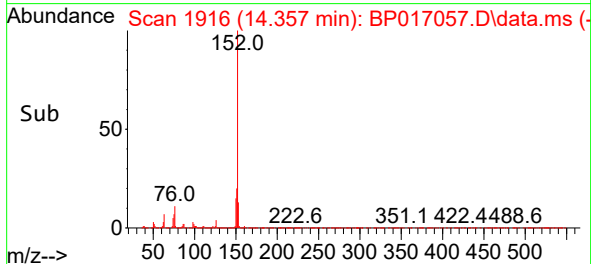
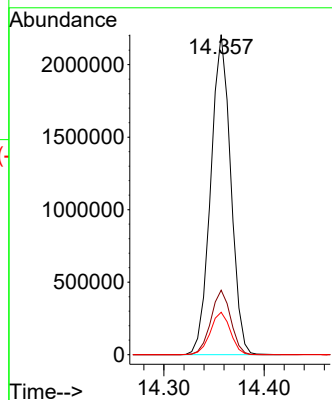
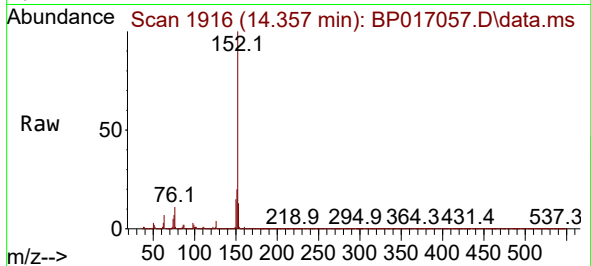




#50
Acenaphthylene
Concen: 35.602 ng/ul
RT: 14.357 min Scan# 1916
Delta R.T. -0.000 min
Lab File: BP017057.D
Acq: 09 Sep 2023 18:00

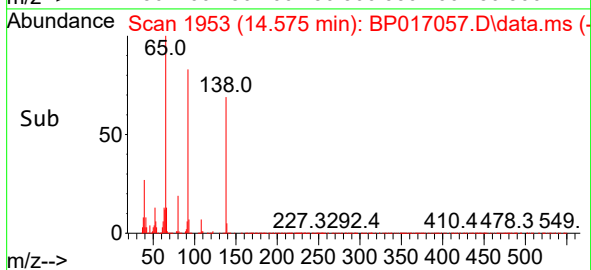
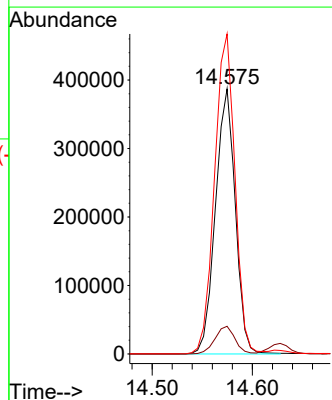
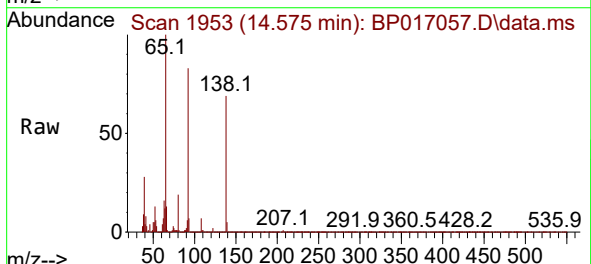
Instrument :
BNA_P
ClientSampleId :
SLCS261

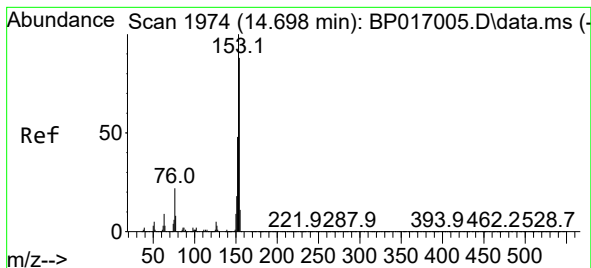
Tgt Ion:152 Resp: 3057305
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.2 10.5 15.7



#51
3-Nitroaniline
Concen: 39.423 ng/ul
RT: 14.575 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BP017057.D
Acq: 09 Sep 2023 18:00

Tgt Ion:138 Resp: 532769
Ion Ratio Lower Upper
138 100
108 10.4 8.4 12.6
92 120.7 97.2 145.8





#52

Acenaphthene

Concen: 35.671 ng/ul

RT: 14.692 min Scan# 1973

Delta R.T. -0.006 min

Lab File: BP017057.D

Acq: 09 Sep 2023 18:00

Instrument :

BNA_P

ClientSampleId :

SLCS261

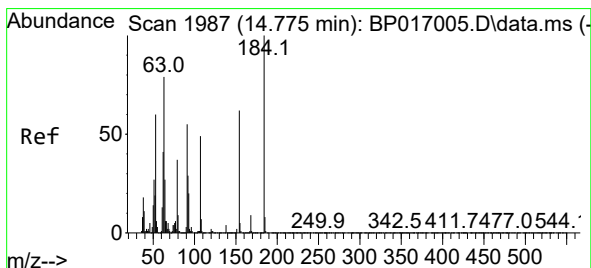
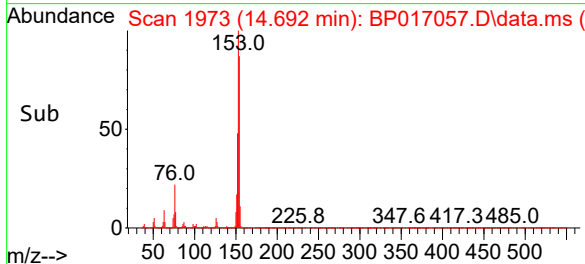
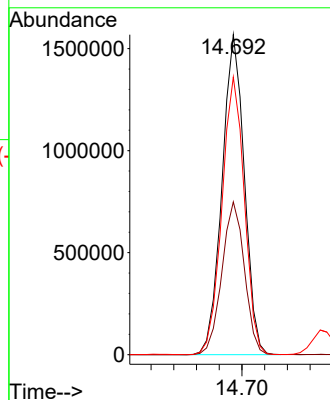
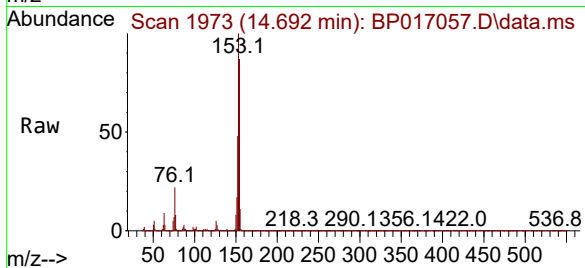
Tgt Ion:153 Resp: 2137233

Ion Ratio Lower Upper

153 100

152 47.7 38.6 57.8

154 86.7 70.2 105.4



#53

2,4-Dinitrophenol

Concen: 29.905 ng/ul

RT: 14.769 min Scan# 1986

Delta R.T. -0.006 min

Lab File: BP017057.D

Acq: 09 Sep 2023 18:00

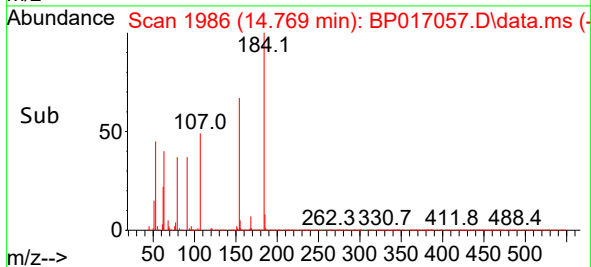
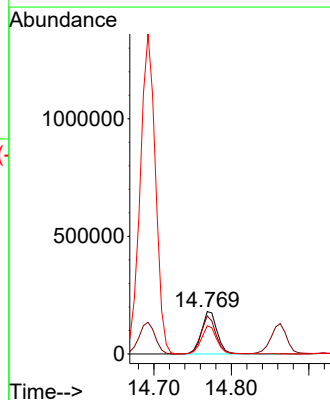
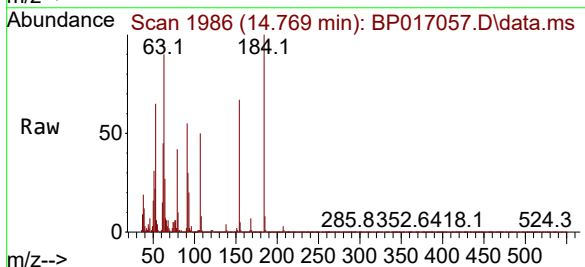
Tgt Ion:184 Resp: 251079

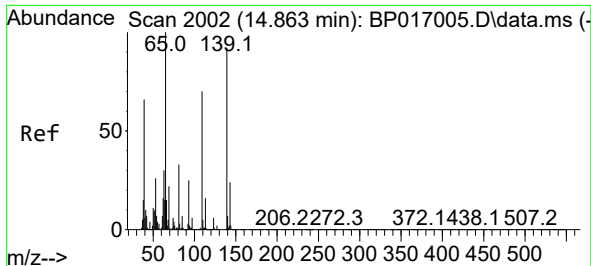
Ion Ratio Lower Upper

184 100

63 89.9 61.6 92.4

154 66.9 50.8 76.2

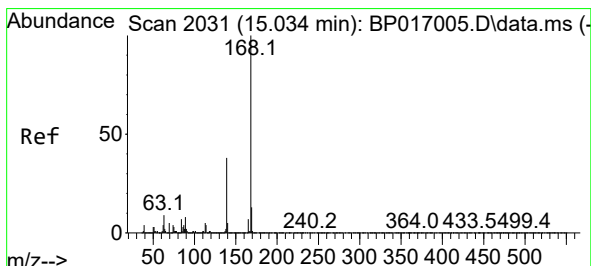
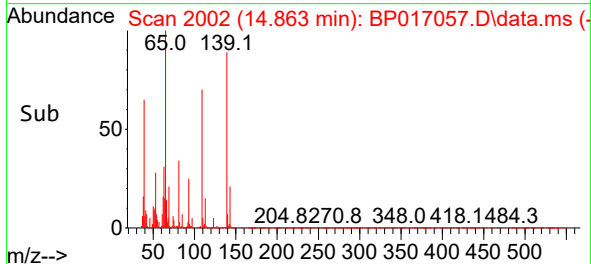
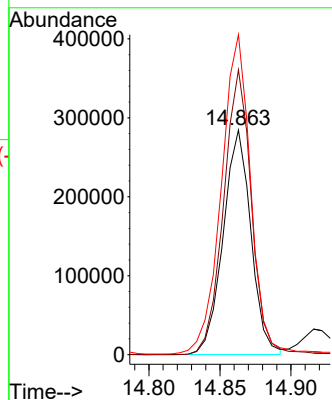
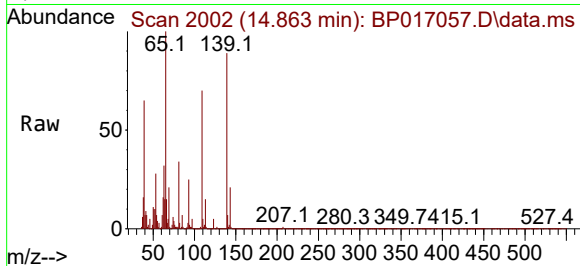




#55
4-Nitrophenol
Concen: 37.206 ng/ul
RT: 14.863 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BP017057.D
Acq: 09 Sep 2023 18:00

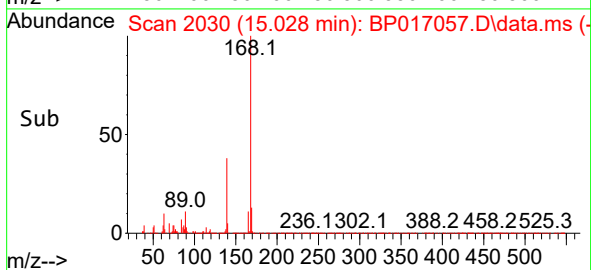
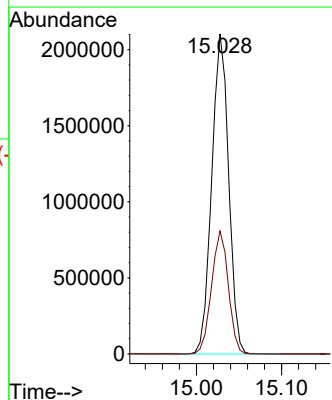
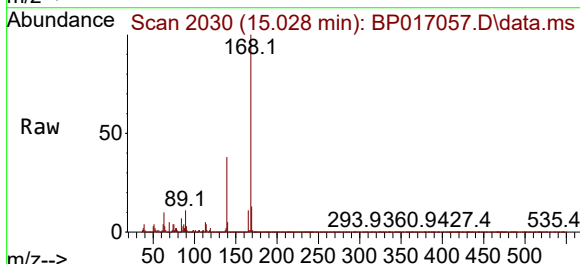
Instrument :
BNA_P
ClientSampleId :
SLCS261

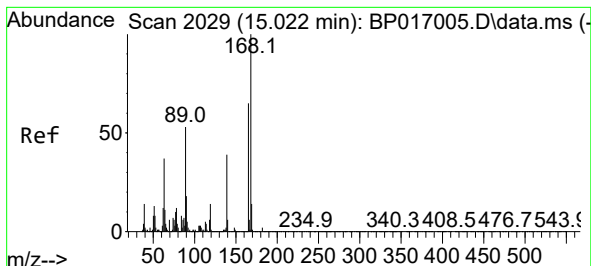
Tgt Ion:109 Resp: 386551
Ion Ratio Lower Upper
109 100
139 126.7 105.0 157.4
65 142.4 108.4 162.6



#56
Dibenzofuran
Concen: 35.247 ng/ul
RT: 15.028 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BP017057.D
Acq: 09 Sep 2023 18:00

Tgt Ion:168 Resp: 2903750
Ion Ratio Lower Upper
168 100
139 38.4 30.1 45.1





#57

2,4-Dinitrotoluene

Concen: 38.023 ng/ul

RT: 15.016 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BP017057.D

Acq: 09 Sep 2023 18:00

Instrument :

BNA_P

ClientSampleId :

SLCS261

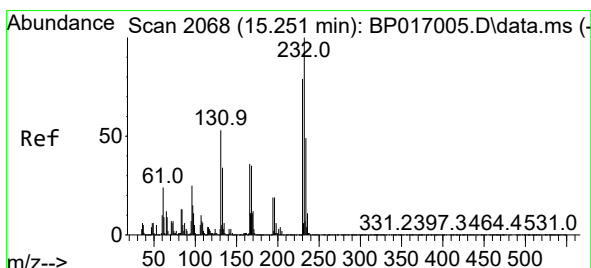
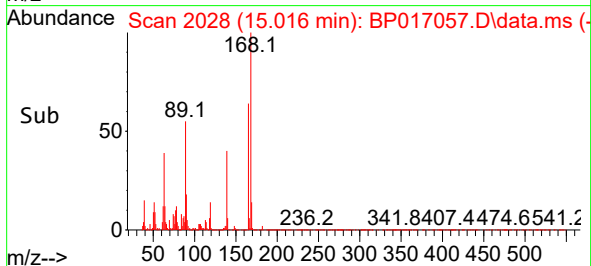
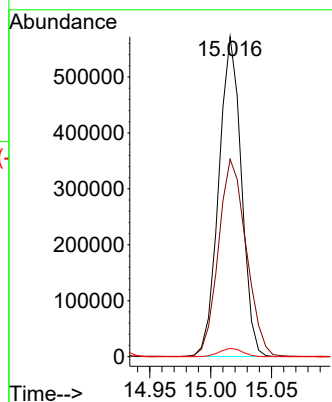
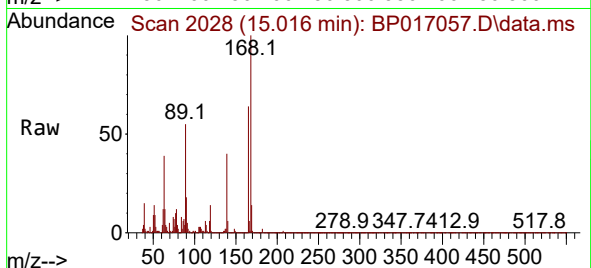
Tgt Ion:165 Resp: 739096

Ion Ratio Lower Upper

165 100

63 61.7 42.1 63.1

182 2.6 2.3 3.5



#58

2,3,4,6-Tetrachlorophenol

Concen: 26.733 ng/ul

RT: 15.245 min Scan# 2067

Delta R.T. -0.000 min

Lab File: BP017057.D

Acq: 09 Sep 2023 18:00

Tgt Ion:232 Resp: 419839

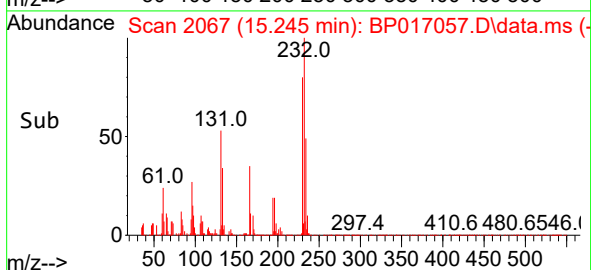
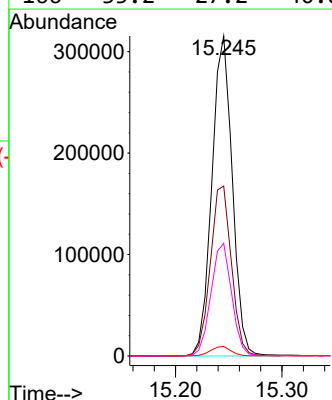
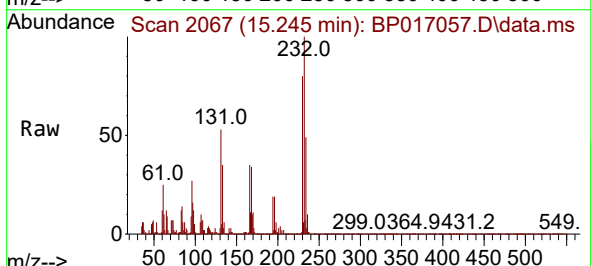
Ion Ratio Lower Upper

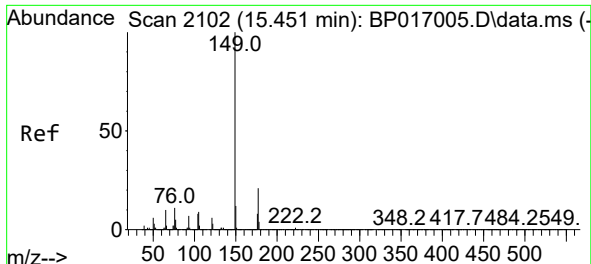
232 100

131 53.1 39.2 58.8

130 3.0 2.0 3.0#

166 35.2 27.2 40.8

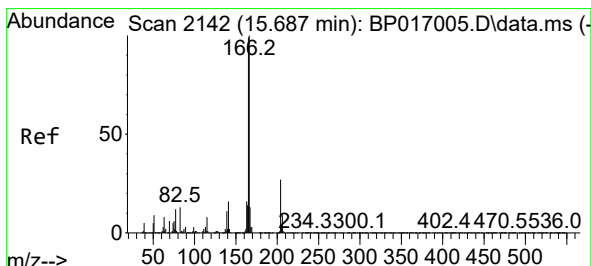
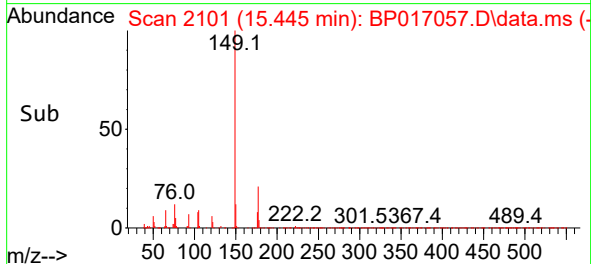
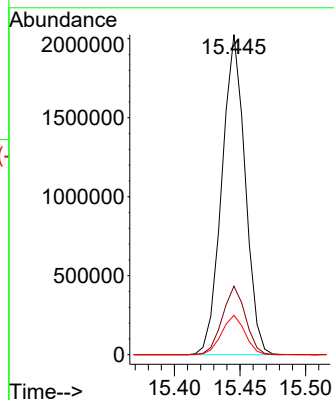
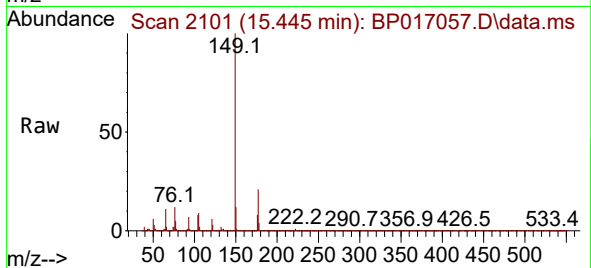




#59
Diethylphthalate
Concen: 35.904 ng/ul
RT: 15.445 min Scan# 2101
Delta R.T. -0.000 min
Lab File: BP017057.D
Acq: 09 Sep 2023 18:00

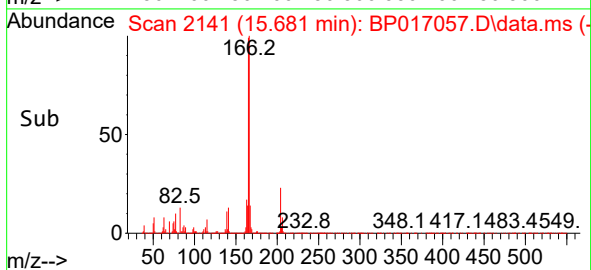
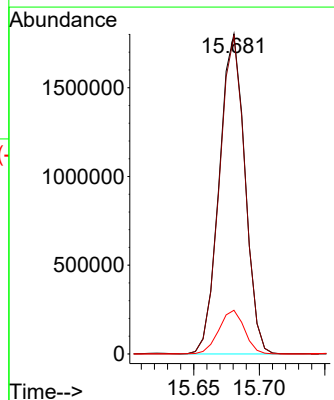
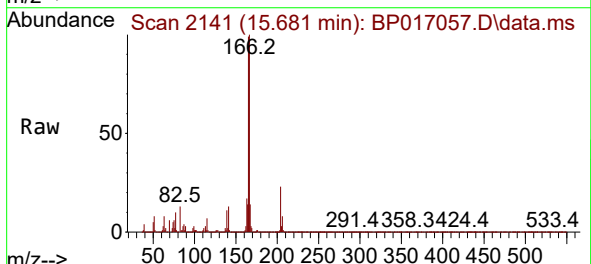
Instrument :
BNA_P
ClientSampleId :
SLCS261

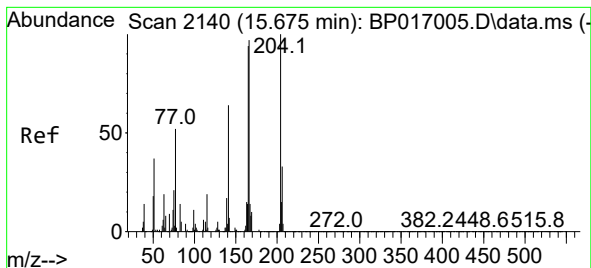
Tgt Ion:149 Resp: 2501748
Ion Ratio Lower Upper
149 100
177 21.4 17.3 25.9
150 12.3 10.1 15.1



#61
Fluorene
Concen: 36.095 ng/ul
RT: 15.681 min Scan# 2141
Delta R.T. -0.000 min
Lab File: BP017057.D
Acq: 09 Sep 2023 18:00

Tgt Ion:166 Resp: 2451604
Ion Ratio Lower Upper
166 100
165 99.4 78.3 117.5
167 13.6 10.6 16.0

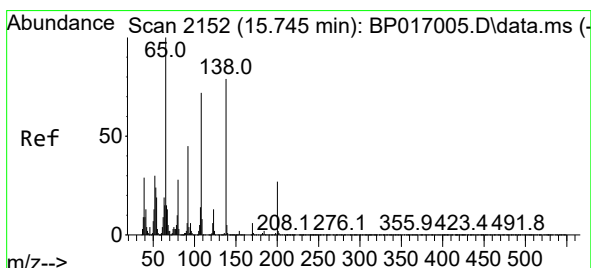
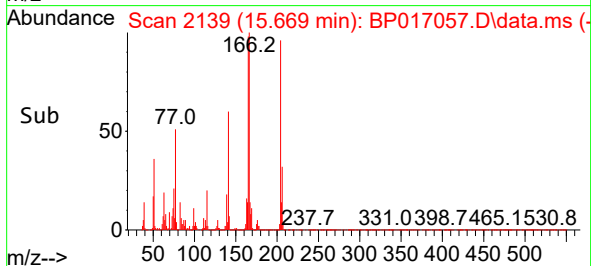
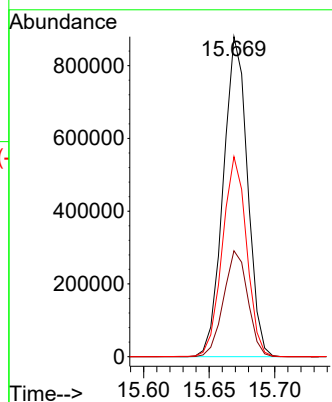
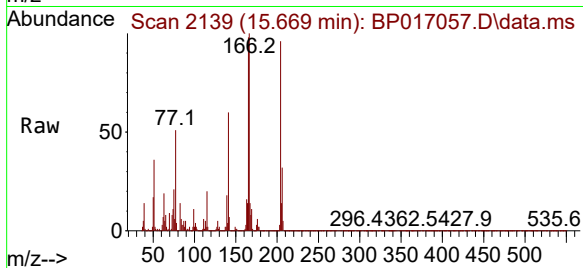




#62
4-Chlorophenyl-phenylether
Concen: 34.407 ng/ul
RT: 15.669 min Scan# 2139
Delta R.T. -0.006 min
Lab File: BP017057.D
Acq: 09 Sep 2023 18:00

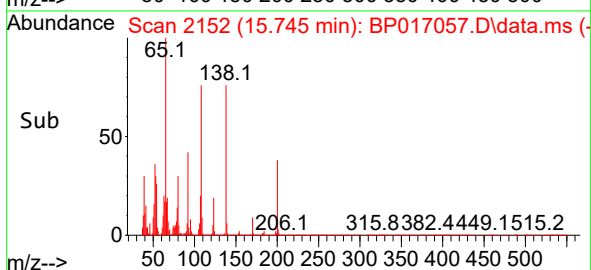
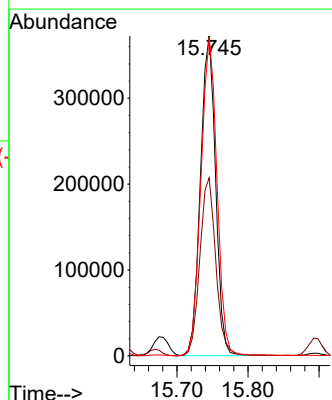
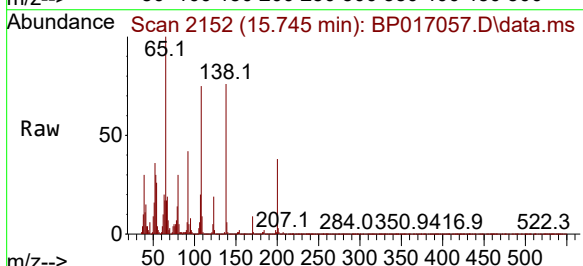
Instrument :
BNA_P
ClientSampleId :
SLCS261

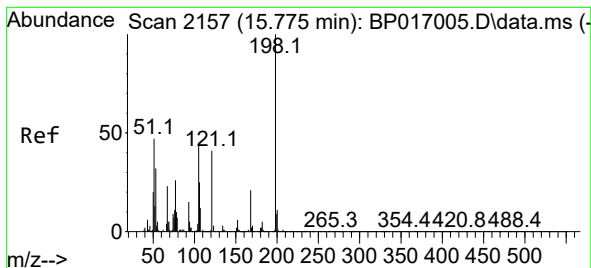
Tgt Ion:204 Resp: 1129384
Ion Ratio Lower Upper
204 100
206 33.1 26.4 39.6
141 62.5 46.2 69.4



#63
4-Nitroaniline
Concen: 46.627 ng/ul
RT: 15.745 min Scan# 2152
Delta R.T. -0.000 min
Lab File: BP017057.D
Acq: 09 Sep 2023 18:00

Tgt Ion:138 Resp: 554014
Ion Ratio Lower Upper
138 100
92 55.7 41.9 62.9
108 99.6 70.3 105.5

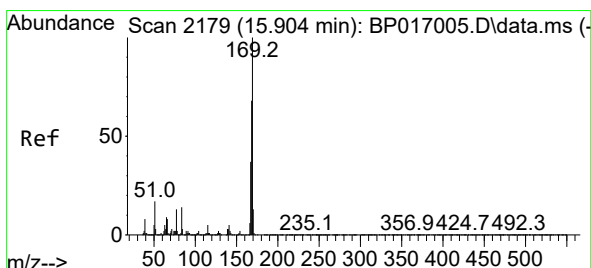
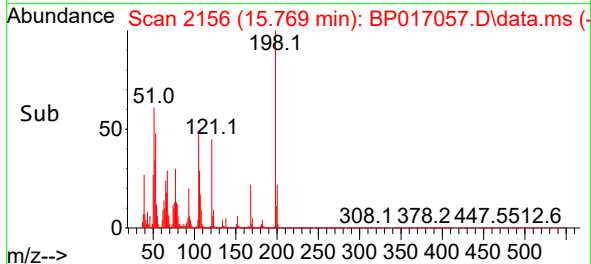
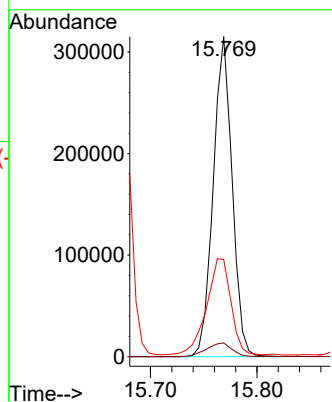
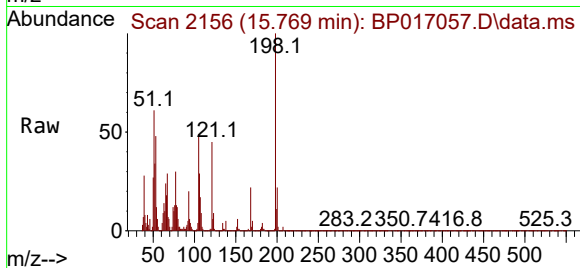




#66
4,6-Dinitro-2-methylphenol
Concen: 33.040 ng/ul
RT: 15.769 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BP017057.D
Acq: 09 Sep 2023 18:00

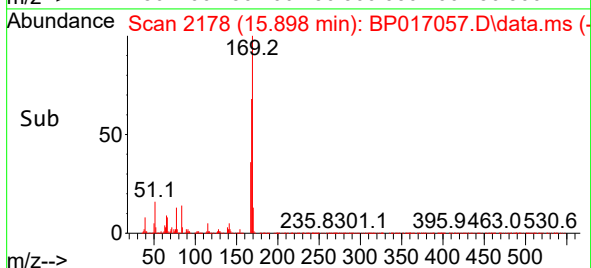
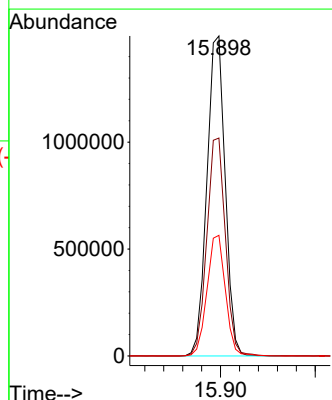
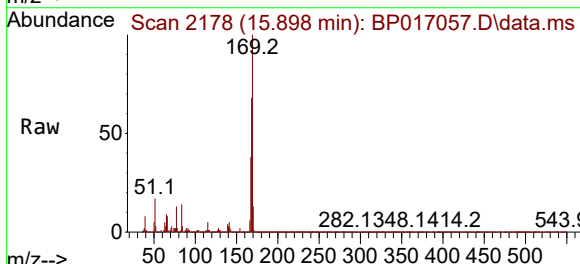
Instrument :
BNA_P
ClientSampleId :
SLCS261

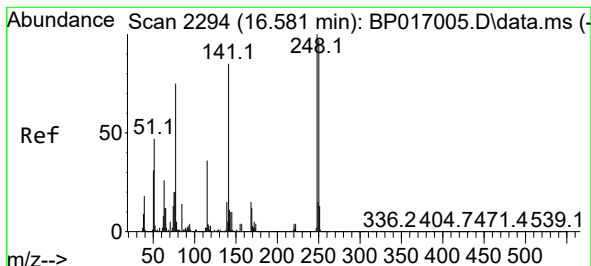
Tgt Ion:198 Resp: 386760
Ion Ratio Lower Upper
198 100
182 4.3 3.6 5.4
77 30.3 21.4 32.0



#67
N-Nitrosodiphenylamine
Concen: 35.644 ng/ul
RT: 15.898 min Scan# 2178
Delta R.T. -0.000 min
Lab File: BP017057.D
Acq: 09 Sep 2023 18:00

Tgt Ion:169 Resp: 1995440
Ion Ratio Lower Upper
169 100
168 68.1 54.2 81.4
167 37.7 29.4 44.2

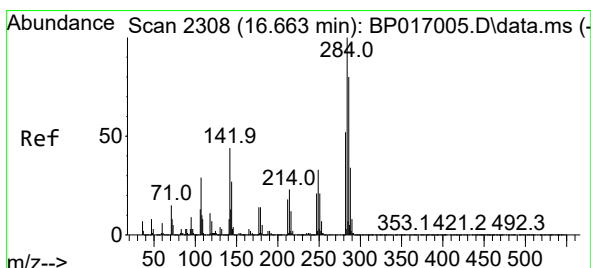
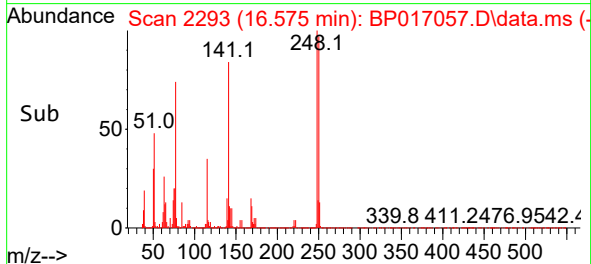
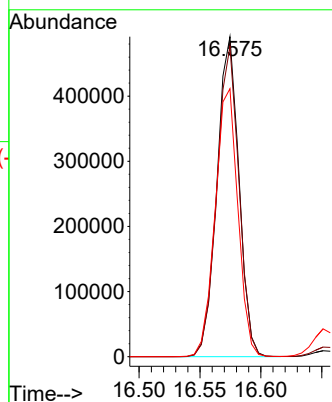
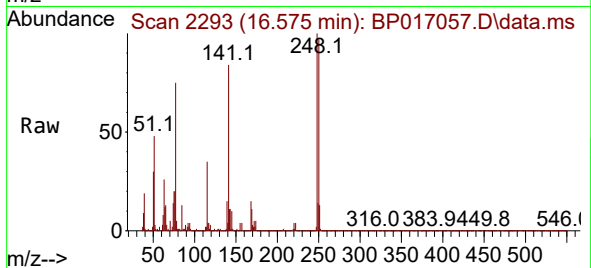




#68
4-Bromophenyl-phenylether
Concen: 33.495 ng/ul
RT: 16.575 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP017057.D
Acq: 09 Sep 2023 18:00

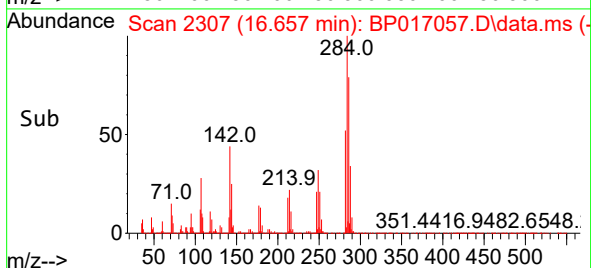
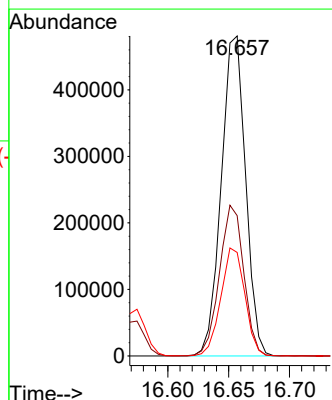
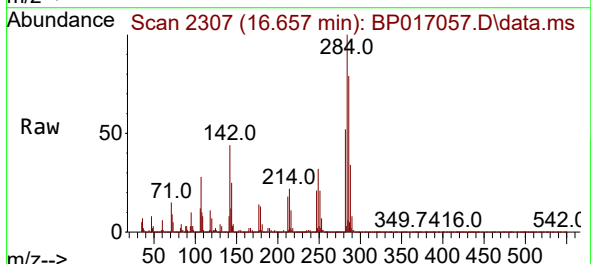
Instrument :
BNA_P
ClientSampleId :
SLCS261

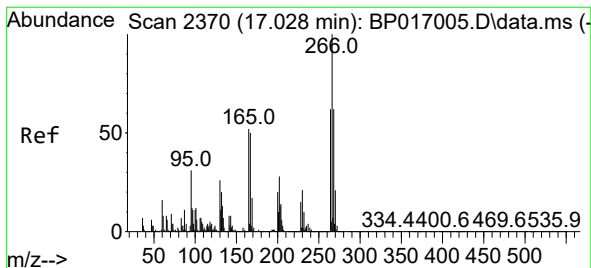
Tgt Ion:248 Resp: 618686
Ion Ratio Lower Upper
248 100
250 97.0 76.8 115.2
141 83.7 66.3 99.5



#69
Hexachlorobenzene
Concen: 33.025 ng/ul
RT: 16.657 min Scan# 2307
Delta R.T. -0.000 min
Lab File: BP017057.D
Acq: 09 Sep 2023 18:00

Tgt Ion:284 Resp: 668674
Ion Ratio Lower Upper
284 100
142 43.8 31.9 47.9
249 32.4 27.0 40.6

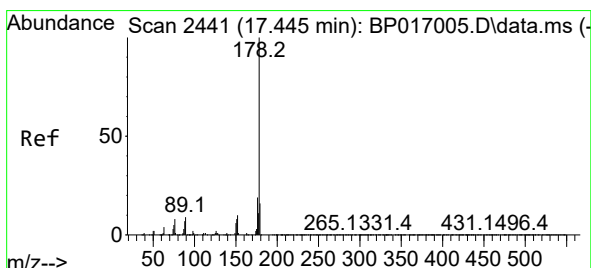
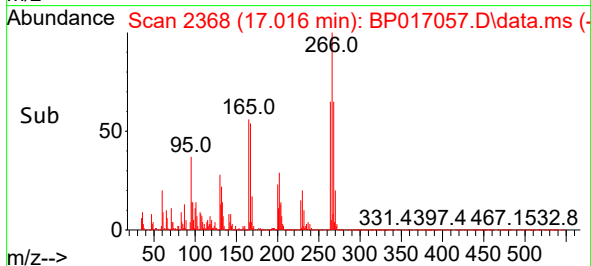
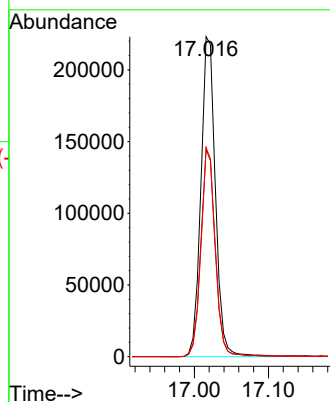
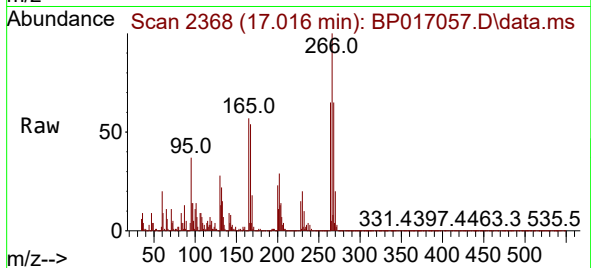




#71
 Pentachlorophenol
 Concen: 23.105 ng/ul
 RT: 17.016 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP017057.D
 Acq: 09 Sep 2023 18:00

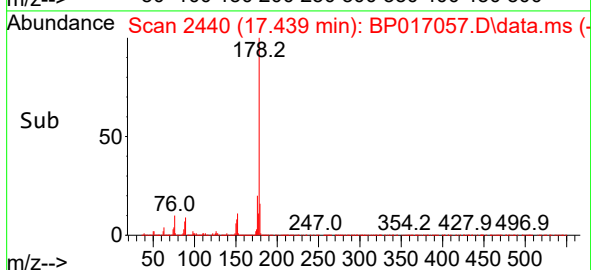
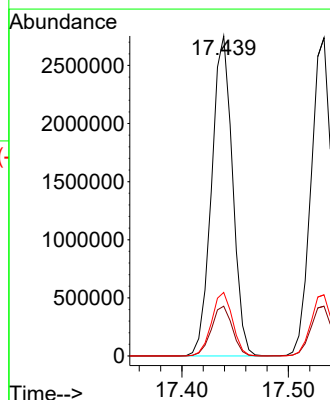
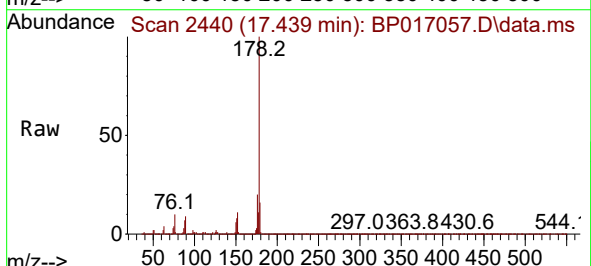
Instrument :
 BNA_P
 ClientSampleId :
 SLCS261

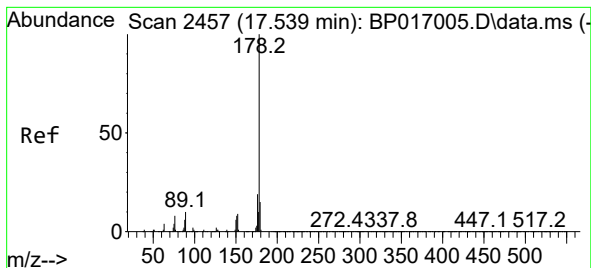
Tgt Ion:266 Resp: 305071
 Ion Ratio Lower Upper
 266 100
 264 64.8 50.4 75.6
 268 65.4 50.4 75.6



#72
 Phenanthrene
 Concen: 36.309 ng/ul
 RT: 17.439 min Scan# 2440
 Delta R.T. -0.000 min
 Lab File: BP017057.D
 Acq: 09 Sep 2023 18:00

Tgt Ion:178 Resp: 3745778
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.5 18.7
 176 19.8 15.8 23.8





#74

Anthracene

Concen: 35.733 ng/uI

RT: 17.533 min Scan# 2457

Delta R.T. -0.000 min

Lab File: BP017057.D

Acq: 09 Sep 2023 18:00

Instrument :

BNA_P

ClientSampleId :

SLCS261

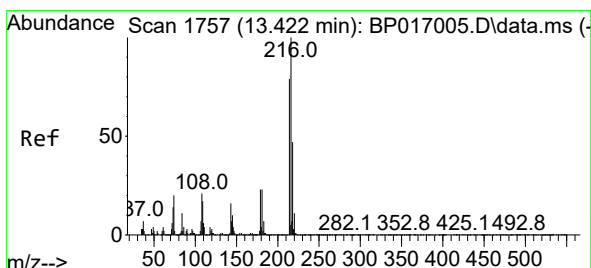
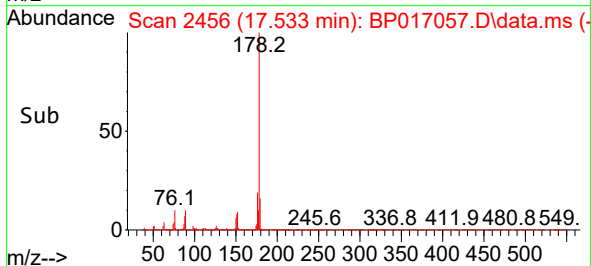
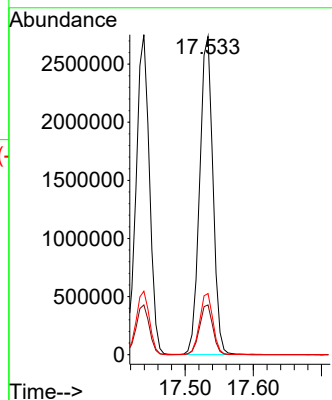
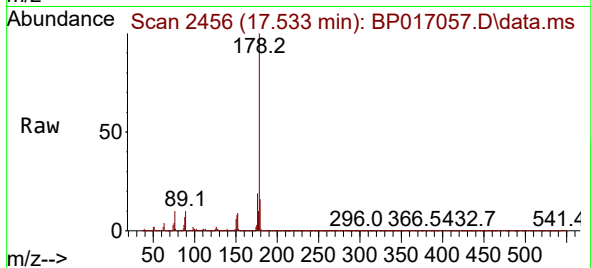
Tgt Ion:178 Resp: 3705741

Ion Ratio Lower Upper

178 100

179 15.7 12.3 18.5

176 19.2 15.0 22.6



#75

1,2,3,4-Tetrachlorobenzene

Concen: 33.458 ng/uI

RT: 13.416 min Scan# 1756

Delta R.T. -0.000 min

Lab File: BP017057.D

Acq: 09 Sep 2023 18:00

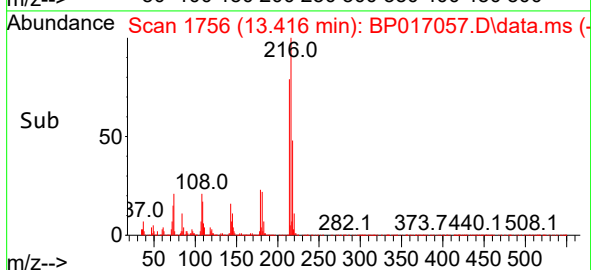
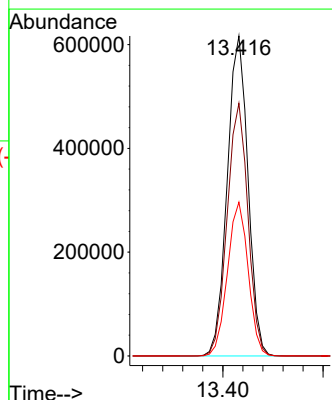
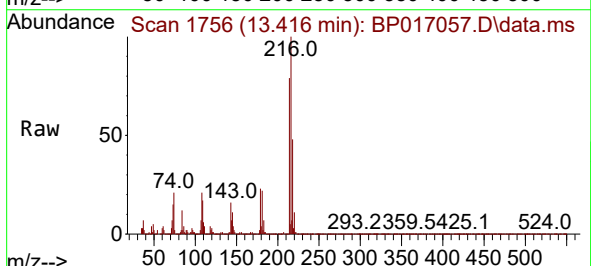
Tgt Ion:216 Resp: 884837

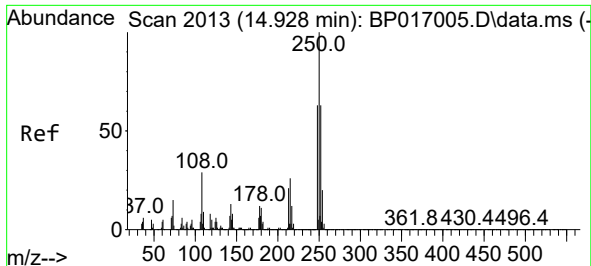
Ion Ratio Lower Upper

216 100

214 78.9 64.5 96.7

218 48.0 38.6 57.8

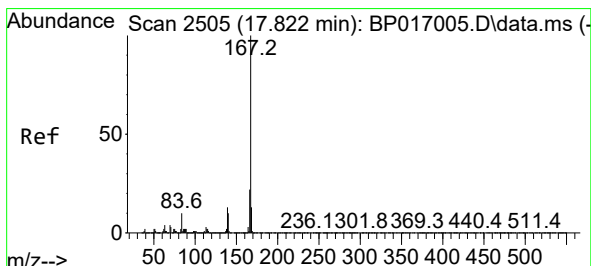
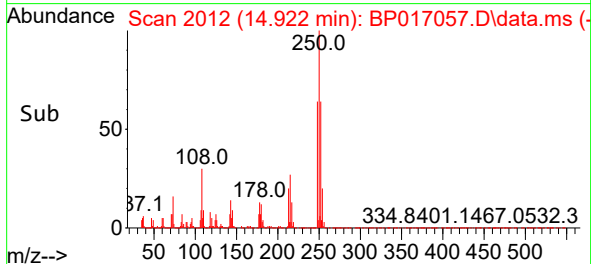
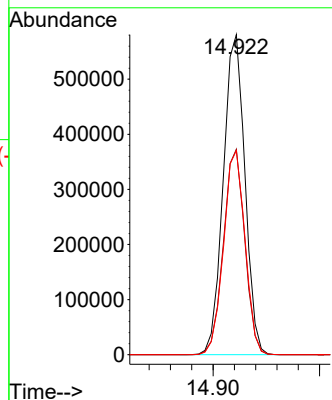
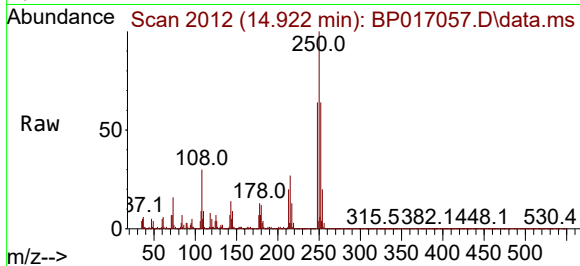




#76
 Pentachlorobenzene
 Concen: 32.078 ng/uL
 RT: 14.922 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: BP017057.D
 Acq: 09 Sep 2023 18:00

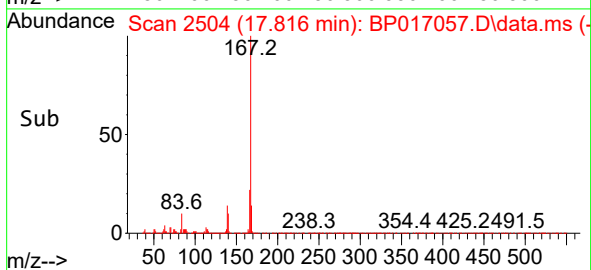
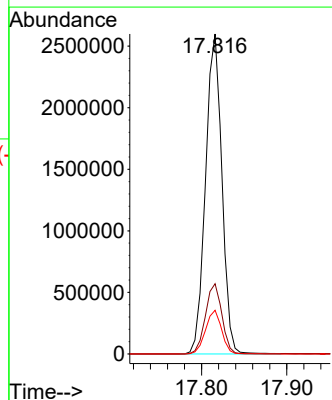
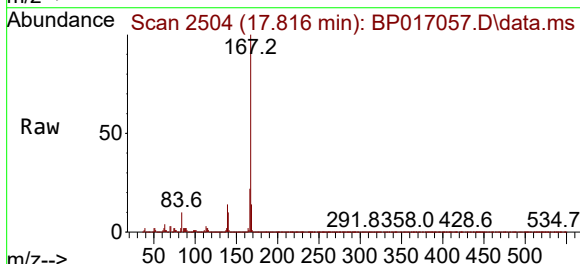
Instrument :
 BNA_P
 ClientSampleId :
 SLCS261

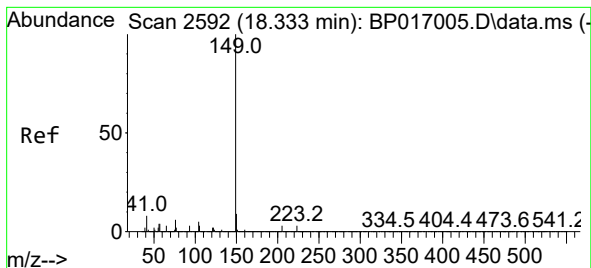
Tgt Ion:250 Resp: 817164
 Ion Ratio Lower Upper
 250 100
 248 64.2 51.2 76.8
 252 63.8 50.9 76.3



#77
 Carbazole
 Concen: 37.170 ng/uL
 RT: 17.816 min Scan# 2504
 Delta R.T. -0.000 min
 Lab File: BP017057.D
 Acq: 09 Sep 2023 18:00

Tgt Ion:167 Resp: 3464061
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.3 25.9
 139 13.7 10.3 15.5





#78

Di-n-butylphthalate

Concen: 37.866 ng/ul

RT: 18.328 min Scan# 2592

Delta R.T. -0.000 min

Lab File: BP017057.D

Acq: 09 Sep 2023 18:00

Instrument :

BNA_P

ClientSampleId :

SLCS261

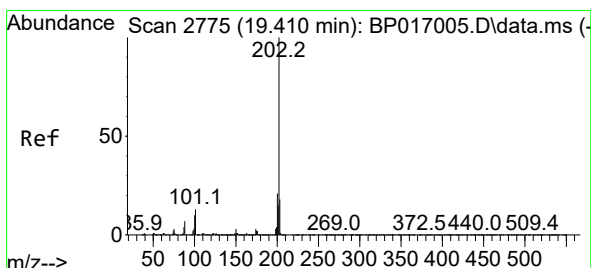
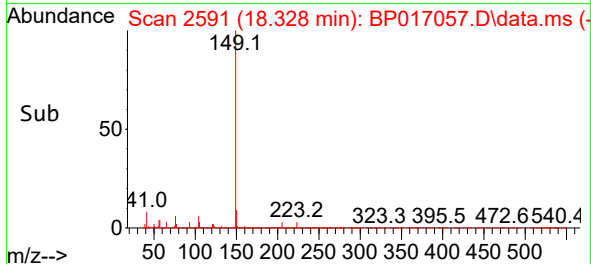
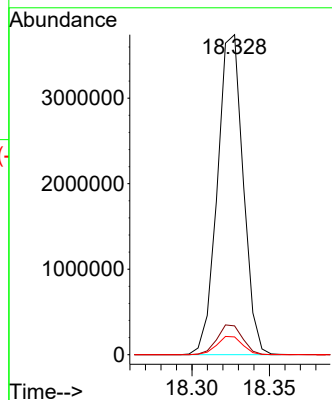
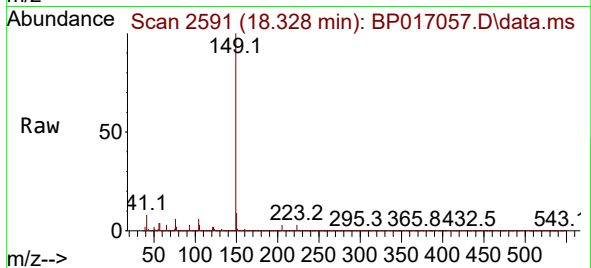
Tgt Ion:149 Resp: 4323249

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

104 5.5 4.2 6.4



#80

Fluoranthene

Concen: 34.296 ng/ul

RT: 19.404 min Scan# 2774

Delta R.T. -0.000 min

Lab File: BP017057.D

Acq: 09 Sep 2023 18:00

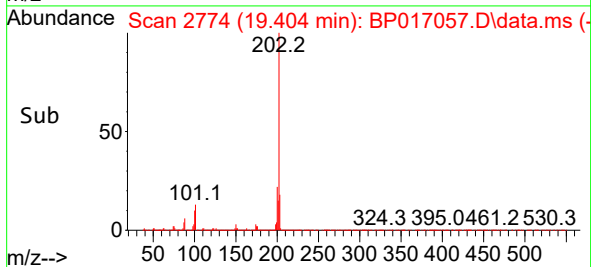
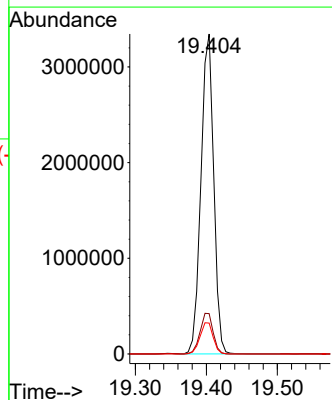
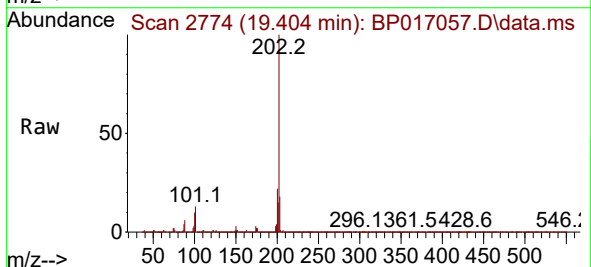
Tgt Ion:202 Resp: 4182217

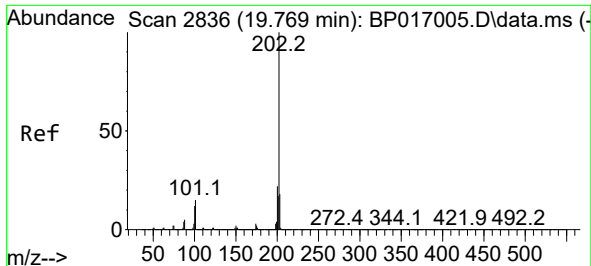
Ion Ratio Lower Upper

202 100

101 12.6 10.0 15.0

100 9.7 7.5 11.3

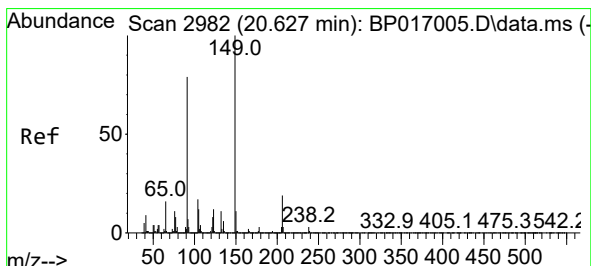
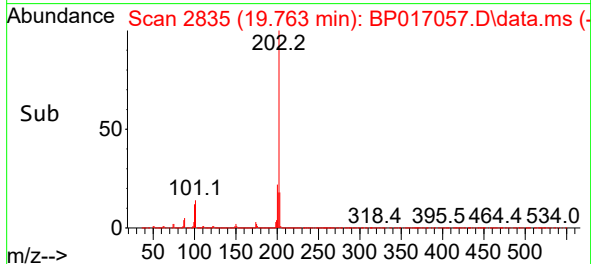
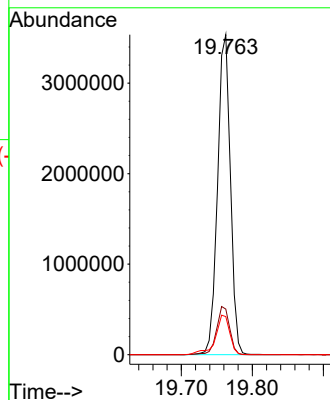
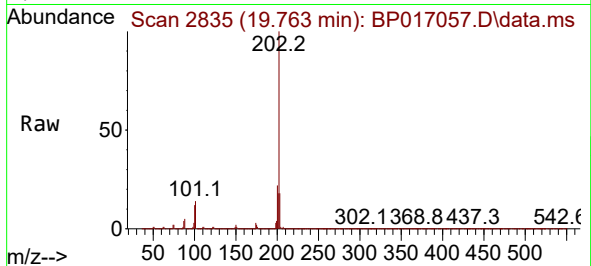




#82
Pyrene
Concen: 34.816 ng/ul
RT: 19.763 min Scan# 2835
Delta R.T. -0.000 min
Lab File: BP017057.D
Acq: 09 Sep 2023 18:00

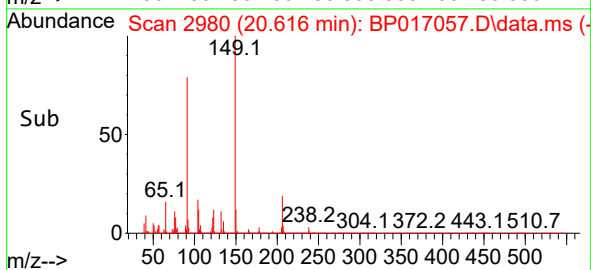
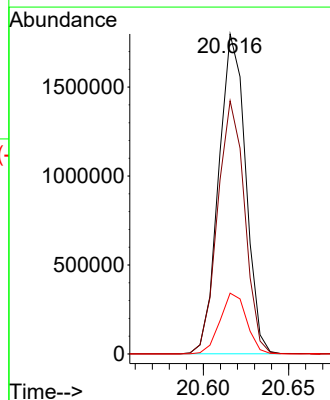
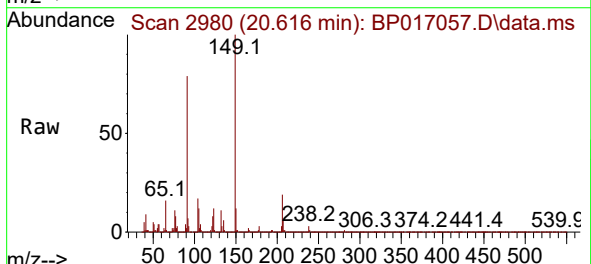
Instrument :
BNA_P
ClientSampleId :
SLCS261

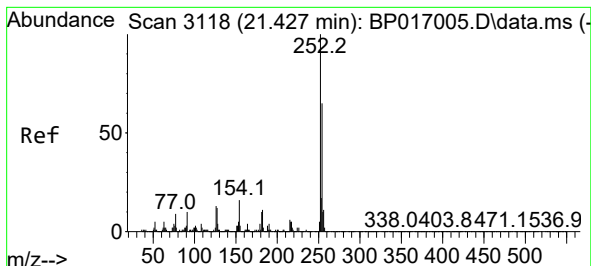
Tgt Ion:202 Resp: 4408051
Ion Ratio Lower Upper
202 100
101 14.3 11.3 16.9
100 11.9 9.4 14.0



#83
Butylbenzylphthalate
Concen: 37.783 ng/ul
RT: 20.616 min Scan# 2980
Delta R.T. -0.006 min
Lab File: BP017057.D
Acq: 09 Sep 2023 18:00

Tgt Ion:149 Resp: 1978351
Ion Ratio Lower Upper
149 100
91 79.1 59.1 88.7
206 19.0 15.7 23.5





#84

3,3'-Dichlorobenzidine

Concen: 32.791 ng/ul

RT: 21.416 min Scan# 3116

Delta R.T. -0.000 min

Lab File: BP017057.D

Acq: 09 Sep 2023 18:00

Instrument :

BNA_P

ClientSampleId :

SLCS261

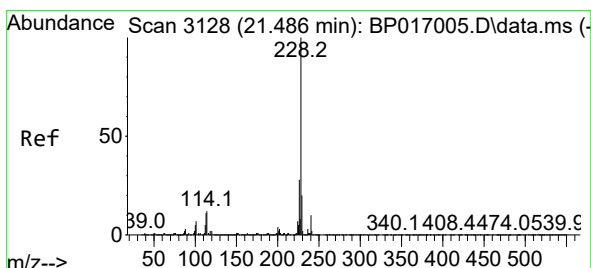
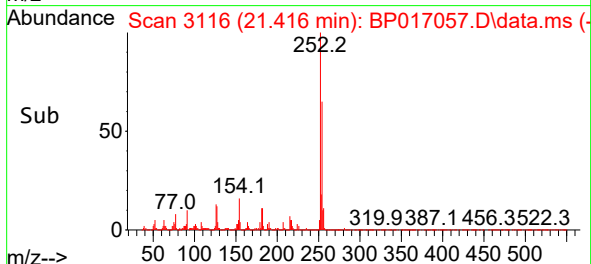
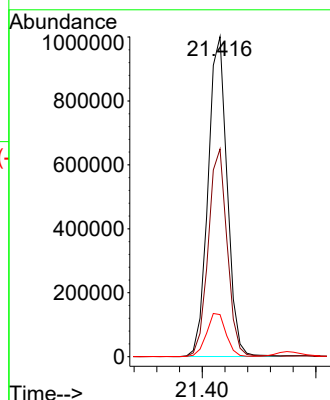
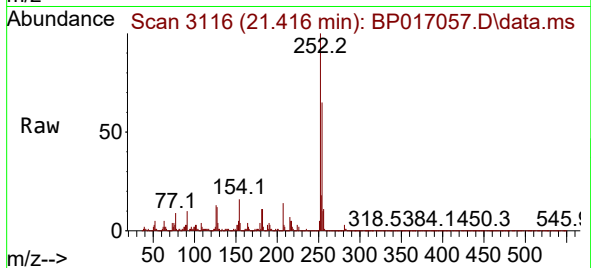
Tgt Ion:252 Resp: 1166842

Ion Ratio Lower Upper

252 100

254 64.9 51.8 77.6

126 13.2 10.4 15.6



#85

Benzo(a)anthracene

Concen: 36.124 ng/ul

RT: 21.474 min Scan# 3126

Delta R.T. -0.000 min

Lab File: BP017057.D

Acq: 09 Sep 2023 18:00

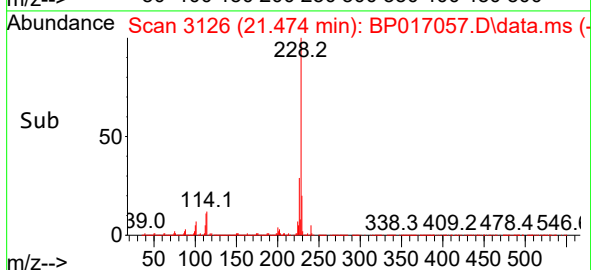
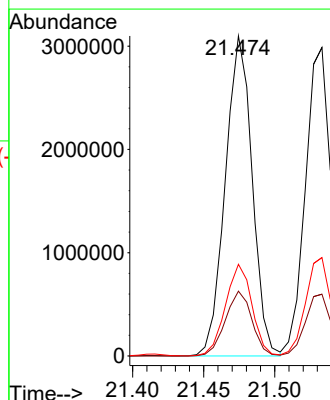
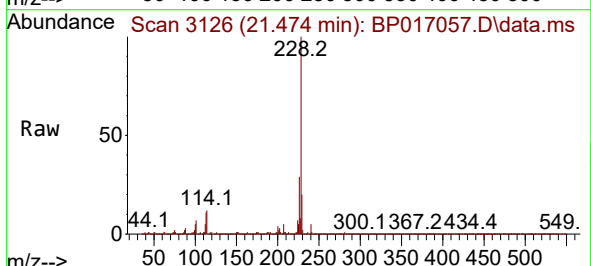
Tgt Ion:228 Resp: 4079225

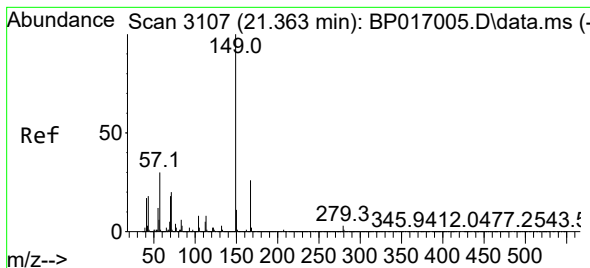
Ion Ratio Lower Upper

228 100

229 20.3 15.8 23.8

226 28.7 22.2 33.2

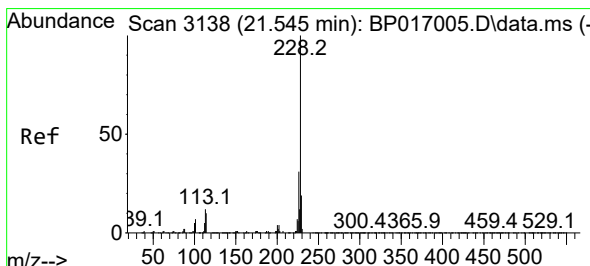
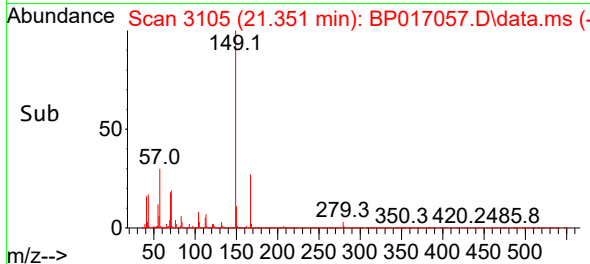
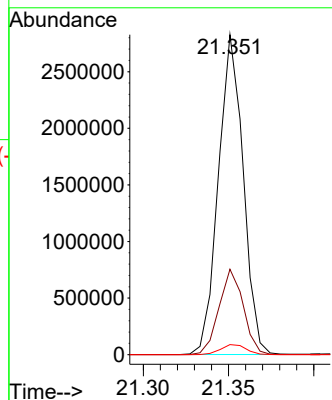
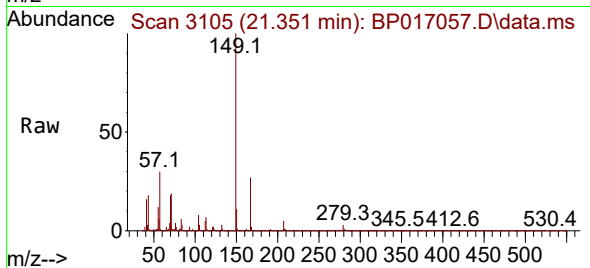




#86
Bis(2-ethylhexyl)phthalate
Concen: 39.573 ng/ul
RT: 21.351 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BP017057.D
Acq: 09 Sep 2023 18:00

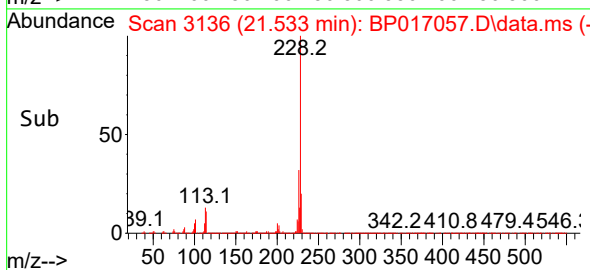
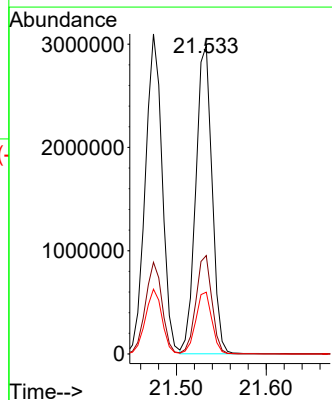
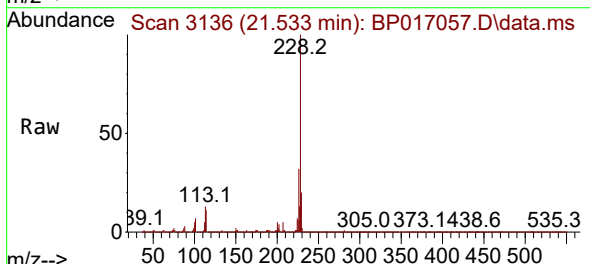
Instrument :
BNA_P
ClientSampleId :
SLCS261

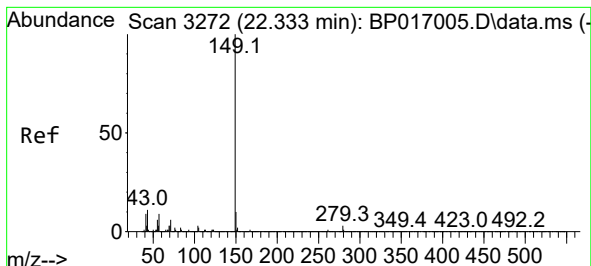
Tgt Ion:149 Resp: 2862599
Ion Ratio Lower Upper
149 100
167 26.7 21.4 32.2
279 3.1 3.0 4.4



#87
Chrysene
Concen: 35.550 ng/ul
RT: 21.533 min Scan# 3136
Delta R.T. -0.000 min
Lab File: BP017057.D
Acq: 09 Sep 2023 18:00

Tgt Ion:228 Resp: 3755190
Ion Ratio Lower Upper
228 100
226 31.9 24.6 36.8
229 20.0 15.9 23.9





#89

Di-n-octyl phthalate

Concen: 39.612 ng/ul

RT: 22.316 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP017057.D

Acq: 09 Sep 2023 18:00

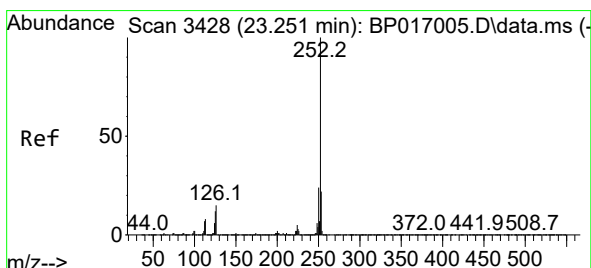
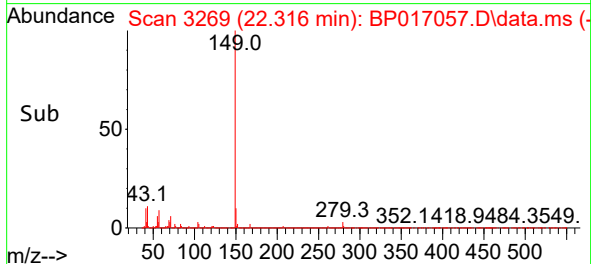
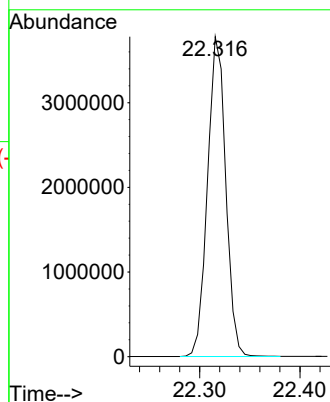
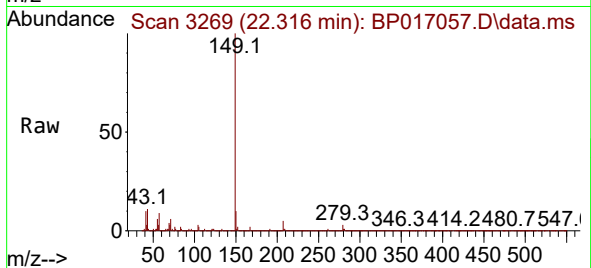
Instrument :

BNA_P

ClientSampleId :

SLCS261

Tgt Ion:149 Resp: 4780778



#90

Benzo(b)fluoranthene

Concen: 35.514 ng/ul

RT: 23.233 min Scan# 3425

Delta R.T. -0.006 min

Lab File: BP017057.D

Acq: 09 Sep 2023 18:00

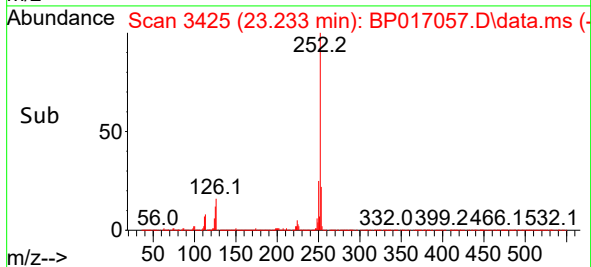
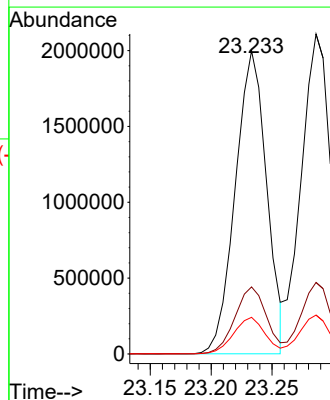
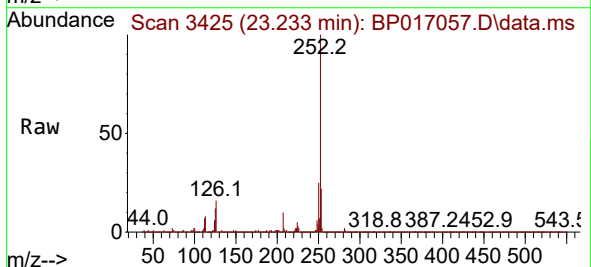
Tgt Ion:252 Resp: 3572347

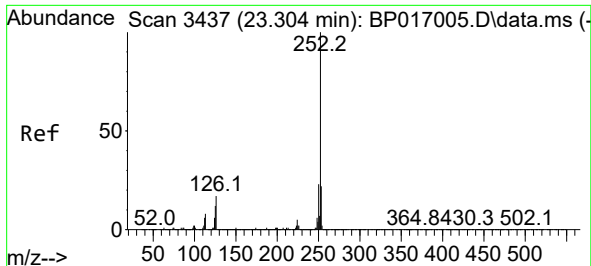
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 12.1 8.8 13.2

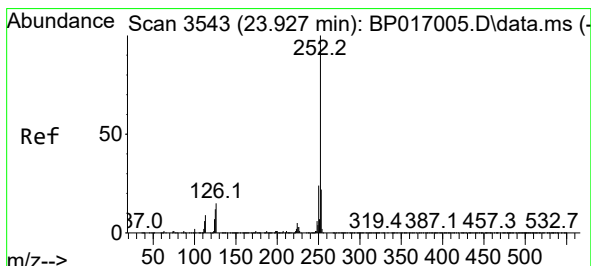
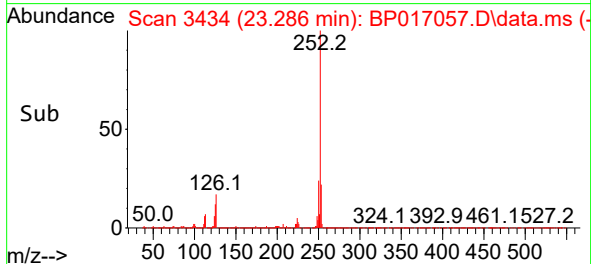
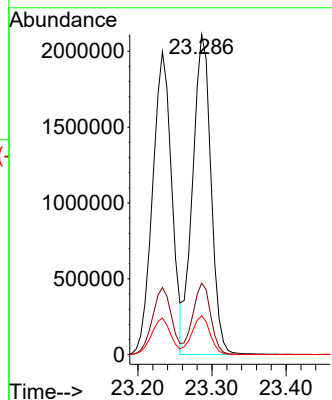
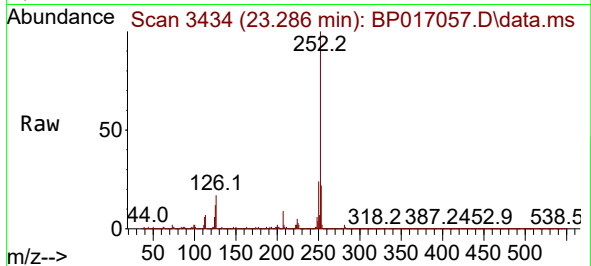




#91
Benzo(k)fluoranthene
Concen: 37.230 ng/ul
RT: 23.286 min Scan# 3437
Delta R.T. -0.006 min
Lab File: BP017057.D
Acq: 09 Sep 2023 18:00

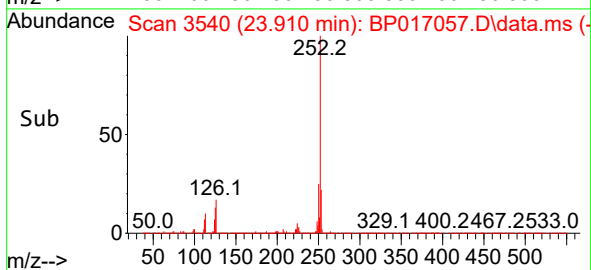
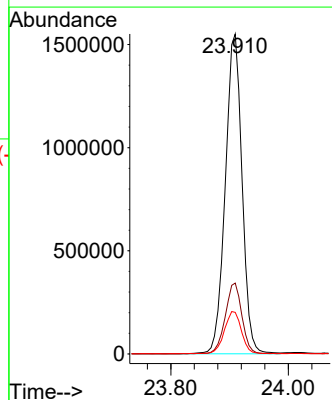
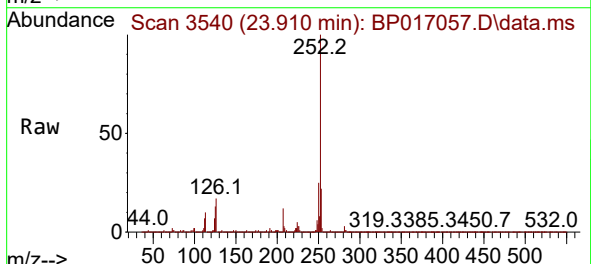
Instrument :
BNA_P
ClientSampleId :
SLCS261

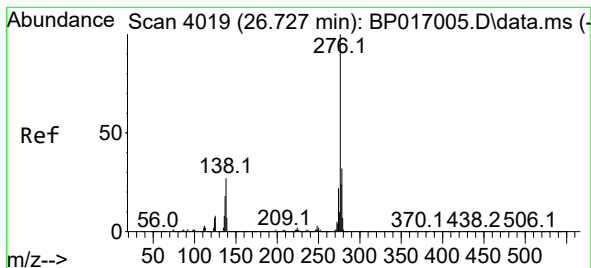
Tgt Ion:252 Resp: 3626543
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 12.2 8.9 13.3



#93
Benzo(a)pyrene
Concen: 36.543 ng/ul
RT: 23.910 min Scan# 3540
Delta R.T. -0.000 min
Lab File: BP017057.D
Acq: 09 Sep 2023 18:00

Tgt Ion:252 Resp: 3065923
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 13.0 9.9 14.9





#94

Indeno(1,2,3-cd)pyrene

Concen: 38.743 ng/ul

RT: 26.704 min Scan# 4015

Delta R.T. -0.006 min

Lab File: BP017057.D

Acq: 09 Sep 2023 18:00

Instrument :

BNA_P

ClientSampleId :

SLCS261

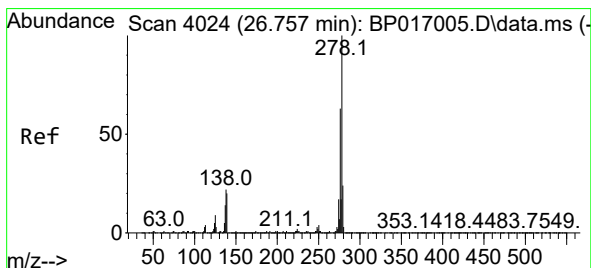
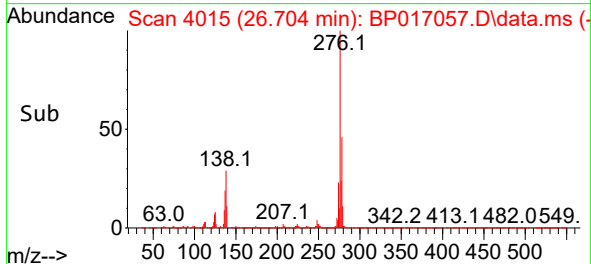
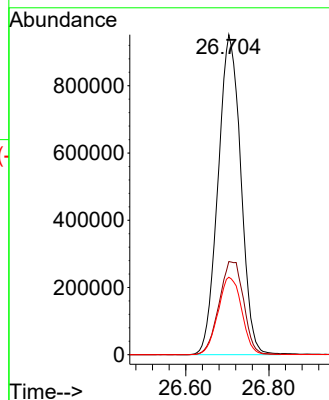
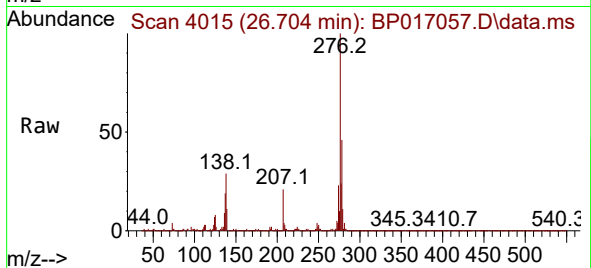
Tgt Ion:276 Resp: 3608228

Ion Ratio Lower Upper

276 100

138 29.1 21.4 32.0

277 24.2 20.0 30.0



#95

Dibenzo(a,h)anthracene

Concen: 39.066 ng/ul

RT: 26.727 min Scan# 4019

Delta R.T. -0.012 min

Lab File: BP017057.D

Acq: 09 Sep 2023 18:00

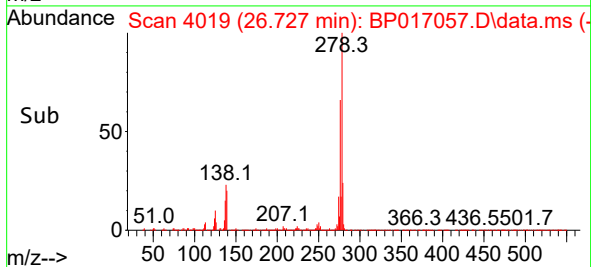
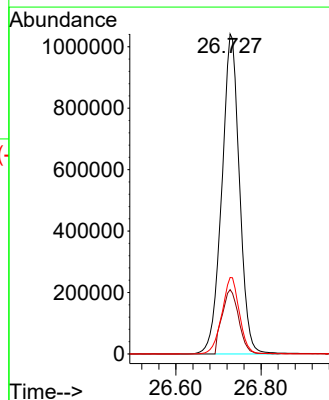
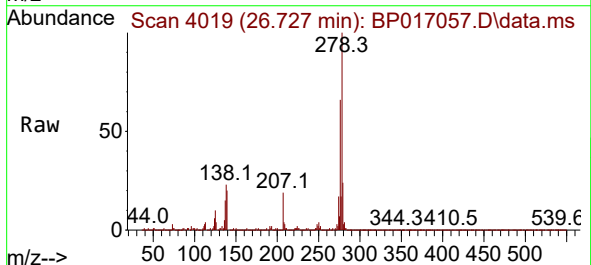
Tgt Ion:278 Resp: 3002921

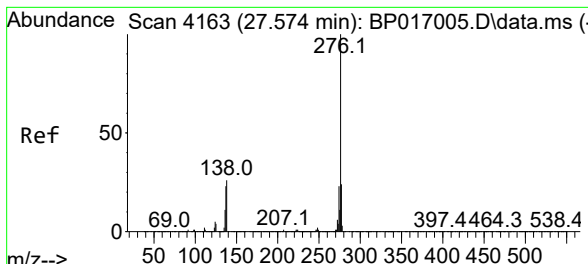
Ion Ratio Lower Upper

278 100

139 20.1 14.9 22.3

279 23.9 19.6 29.4





#96
 Benzo(g,h,i)perylene
 Concen: 37.967 ng/ul
 RT: 27.545 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BP017057.D
 Acq: 09 Sep 2023 18:00

Instrument :
 BNA_P
 ClientSampleId :
 SLCS261

Tgt Ion:276 Resp: 2786469
 Ion Ratio Lower Upper
 276 100
 138 26.6 19.5 29.3
 277 24.0 18.7 28.1

