

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
 Data File : BP017169.D
 Acq On : 14 Sep 2023 10:33
 Operator : MA/JU
 Sample : PB155433BS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS433

Quant Time: Sep 14 22:44:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 12 23:27:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	174787	20.000	ng/u1	0.00
20) Naphthalene-d8	10.775	136	782897	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.610	164	513399	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.380	188	1142780	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	1105775	20.000	ng/u1	0.00
88) Perylene-d12	24.015	264	1118992	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	32237	7.751	ng/uL	0.00
4) Pyridine-d5	3.746	84	440035	36.983	ng/u1	0.00
7) Phenol-d5	7.104	99	617555	43.452	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	372715	41.958	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	472274	41.654	ng/u1	0.00
15) 4-Methylphenol-d8	8.663	113	503483	42.745	ng/u1	0.00
21) Nitrobenzene-d5	9.151	128	236587	43.157	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	265522	45.369	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	510410	45.095	ng/u1	0.00
31) 4-Chloroaniline-d4	10.940	131	630071	36.933	ng/u1	0.00
46) Dimethylphthalate-d6	14.028	166	1601359	43.831	ng/u1	0.00
49) Acenaphthylene-d8	14.310	160	1759406	42.441	ng/u1	0.00
54) 4-Nitrophenol-d4	14.834	143	287708	40.745	ng/u1	0.00
60) Fluorene-d10	15.610	176	1358660	43.010	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	278696	43.651	ng/u1	0.00
73) Anthracene-d10	17.486	188	2190321	45.111	ng/u1	0.00
81) Pyrene-d10	19.721	212	2623660	45.241	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.845	264	2415075	45.727	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.346	88	68156	15.239	ng/uL	95
5) Pyridine	3.764	79	434987	35.295	ng/u1	99
6) Benzaldehyde	7.110	77	305188	38.570	ng/u1	98
8) Phenol	7.128	94	657283	43.850	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.387	93	513239	42.929	ng/u1	99
12) 2-Chlorophenol	7.504	128	503819	43.778	ng/u1	100
13) 2-Methylphenol	8.393	108	493427	44.156	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.463	45	333414	20.578	ng/u1	100
16) Acetophenone	8.799	105	824625	44.728	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.775	70	429764	45.363	ng/u1	98
18) 4-Methylphenol	8.728	108	552214	44.666	ng/u1	100
19) Hexachloroethane	9.016	117	200610	42.385	ng/u1	95
22) Nitrobenzene	9.193	77	627603	43.961	ng/u1	98
23) Isophorone	9.710	82	1188259	44.415	ng/u1	100
25) 2-Nitrophenol	9.898	139	298587	45.903	ng/u1	99
26) 2,4-Dimethylphenol	9.934	107	579608	43.722	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.193	93	738755	44.058	ng/u1	98
29) 2,4-Dichlorophenol	10.416	162	524113	45.746	ng/u1	99
30) Naphthalene	10.828	128	1699987	42.911	ng/u1	100
32) 4-Chloroaniline	10.963	127	563996	33.878	ng/u1	98
33) Hexachlorobutadiene	11.057	225	333273	42.839	ng/u1	98
34) Caprolactam	11.798	113	126521	35.131	ng/u1	95
35) 4-Chloro-3-methylphenol	12.069	107	583192	47.046	ng/u1	100
36) 2-Methylnaphthalene	12.434	142	1171628	43.829	ng/u1	100

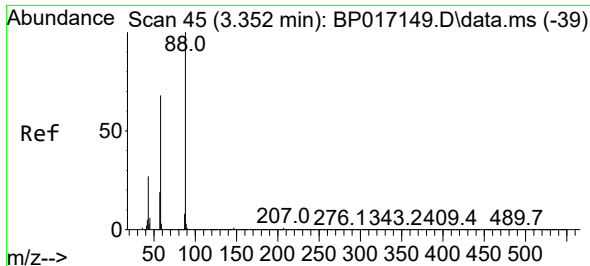
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.651	142	1143270	42.251	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.781	216	656177	42.913	ng/ul	99
40) Hexachlorocyclopentadiene	12.728	237	343020	36.004	ng/ul	99
41) 2,4,6-Trichlorophenol	13.039	196	424219	43.671	ng/ul	98
42) 2,4,5-Trichlorophenol	13.110	196	469292	45.442	ng/ul	99
43) 1,1'-Biphenyl	13.445	154	1605516	43.611	ng/ul	99
44) 2-Chloronaphthalene	13.492	162	1276025	43.647	ng/ul	99
45) 2-Nitroaniline	13.728	65	381764	48.209	ng/ul	97
47) Dimethylphthalate	14.075	163	1681043	45.326	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	337233	49.736	ng/ul	98
50) Acenaphthylene	14.339	152	2004366	41.853	ng/ul	100
51) 3-Nitroaniline	14.557	138	342091	47.162	ng/ul	98
52) Acenaphthene	14.675	153	1374530	43.373	ng/ul	99
53) 2,4-Dinitrophenol	14.757	184	174077	36.654	ng/ul	98
55) 4-Nitrophenol	14.851	109	244183	43.207	ng/ul	97
56) Dibenzofuran	15.016	168	1935171	44.187	ng/ul	99
57) 2,4-Dinitrotoluene	15.004	165	498682	49.392	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.228	232	389451	42.987	ng/ul	100
59) Diethylphthalate	15.433	149	1689106	46.129	ng/ul	99
61) Fluorene	15.663	166	1608269	44.418	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.657	204	819848	44.536	ng/ul	99
63) 4-Nitroaniline	15.733	138	349911	51.889	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.757	198	296282	43.240	ng/ul#	94
67) N-Nitrosodiphenylamine	15.881	169	1372360	46.185	ng/ul	99
68) 4-Bromophenyl-phenylether	16.563	248	512618	47.059	ng/ul	96
69) Hexachlorobenzene	16.639	284	593883	46.061	ng/ul	99
70) Atrazine	16.833	200	123299	11.463	ng/ul	97
71) Pentachlorophenol	17.004	266	312049	37.240	ng/ul	98
72) Phenanthrene	17.427	178	2632046	45.831	ng/ul	100
74) Anthracene	17.522	178	2652793	45.608	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.392	216	67562	4.276	ng/uL	97
76) Pentachlorobenzene	14.904	250	684884	47.769	ng/uL	99
77) Carbazole	17.804	167	2397846	46.949	ng/ul	100
78) Di-n-butylphthalate	18.316	149	2912156	50.037	ng/ul	100
80) Fluoranthene	19.392	202	3181889	46.942	ng/ul	99
82) Pyrene	19.751	202	3334921	46.563	ng/ul	100
83) Butylbenzylphthalate	20.610	149	1342256	52.547	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.410	252	1074584	47.401	ng/ul	99
85) Benzo(a)anthracene	21.468	228	3291620	45.463	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.345	149	1916685	53.452	ng/ul	99
87) Chrysene	21.527	228	3076561	45.681	ng/ul	98
89) Di-n-octyl phthalate	22.315	149	3304116	53.252	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	3105100	47.077	ng/ul	99
91) Benzo(k)fluoranthene	23.280	252	3167922	48.313	ng/ul	100
93) Benzo(a)pyrene	23.904	252	2750858	44.954	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.698	276	3220939	47.533	ng/ul	99
95) Dibenzo(a,h)anthracene	26.721	278	2713838	47.677	ng/ul	100
96) Benzo(g,h,i)perylene	27.533	276	2519123	48.077	ng/ul	99

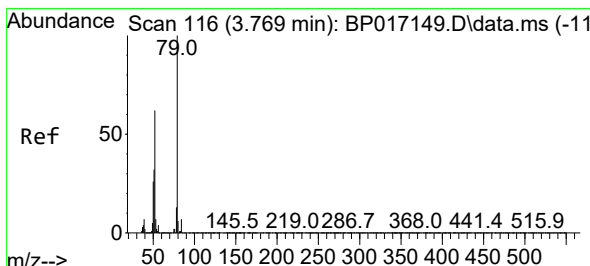
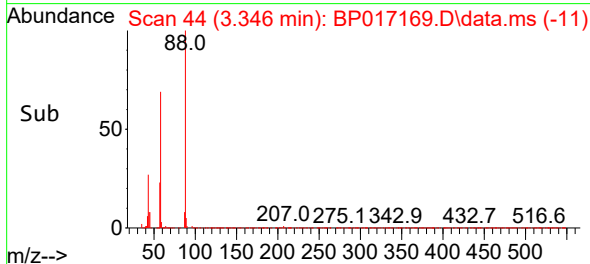
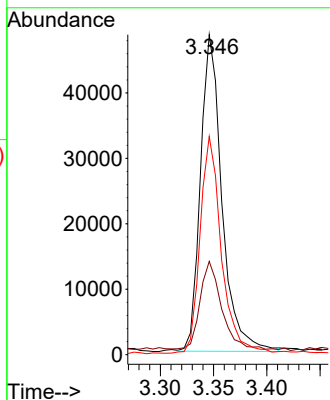
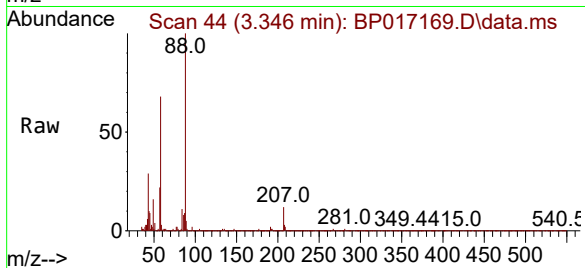
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#2
1,4-Dioxane
Concen: 15.239 ng/uL
RT: 3.346 min Scan# 44
Delta R.T. -0.006 min
Lab File: BP017169.D
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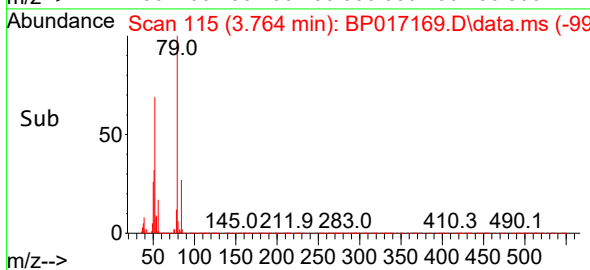
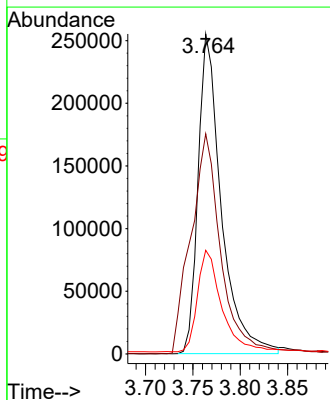
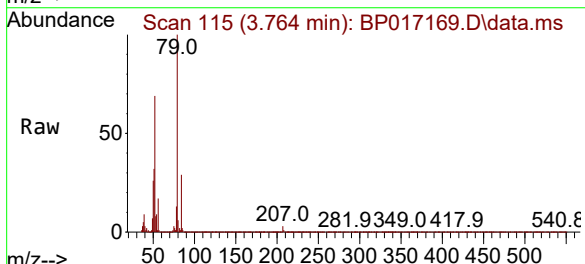
Instrument :
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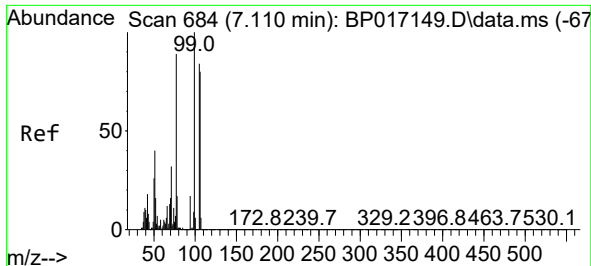
Tgt Ion:	88	Resp:	68156
Ion	Ratio	Lower	Upper
88	100		
43	29.2	21.9	32.9
58	68.2	50.8	76.2



#5
Pyridine
Concen: 35.295 ng/uL
RT: 3.764 min Scan# 115
Delta R.T. -0.006 min
Lab File: BP017169.D
Acq: 14 Sep 2023 10:33

Tgt Ion:	79	Resp:	434987
Ion	Ratio	Lower	Upper
79	100		
52	68.8	54.5	81.7
51	32.4	27.0	40.6

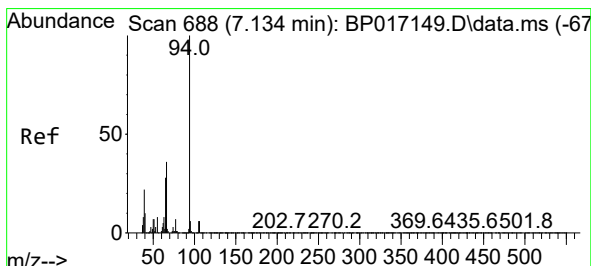
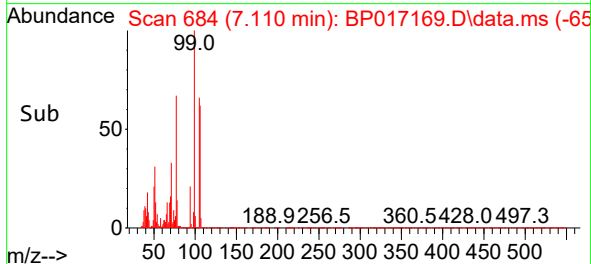
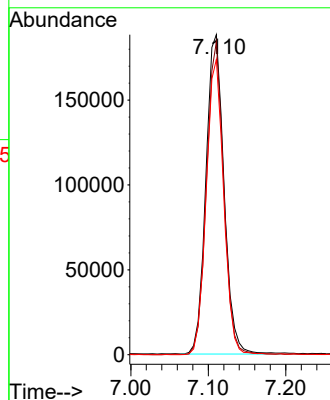
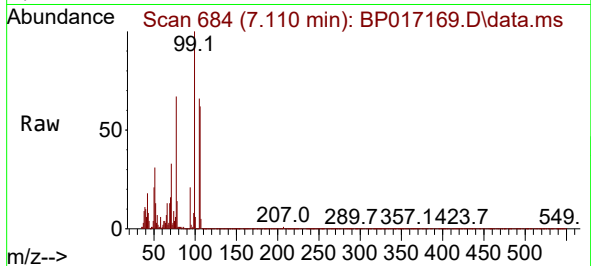




#6
Benzaldehyde
Concen: 38.570 ng/ul
RT: 7.110 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP017169.D
Acq: 14 Sep 2023 10:33

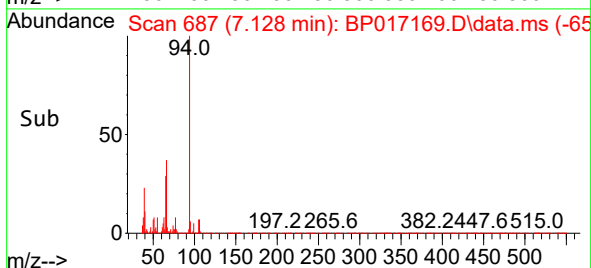
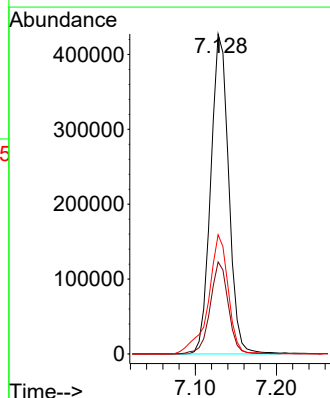
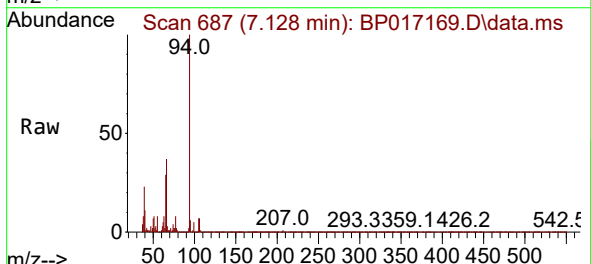
Instrument :
BNA_P
ClientSampleId :
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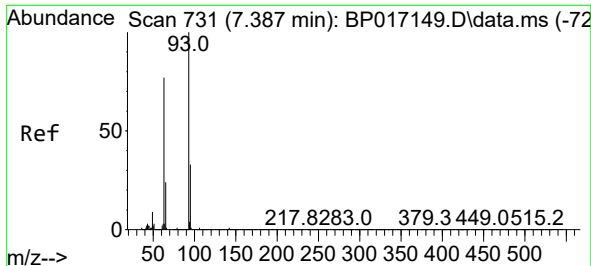
Tgt Ion: 77 Resp: 305188
Ion Ratio Lower Upper
77 100
105 97.7 75.3 112.9
106 92.2 74.6 111.8



#8
Phenol
Concen: 43.850 ng/ul
RT: 7.128 min Scan# 687
Delta R.T. -0.006 min
Lab File: BP017169.D
Acq: 14 Sep 2023 10:33

Tgt Ion: 94 Resp: 657283
Ion Ratio Lower Upper
94 100
65 28.7 22.7 34.1
66 37.2 29.6 44.4



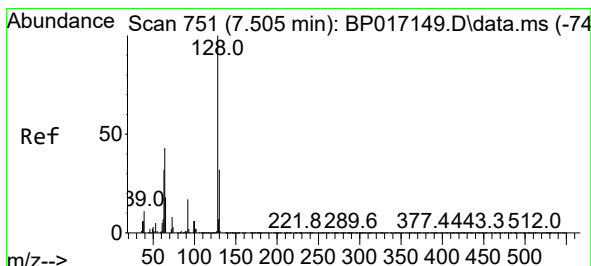
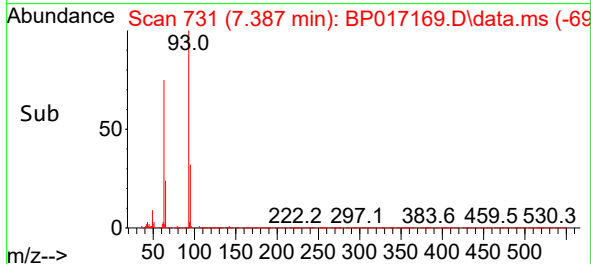
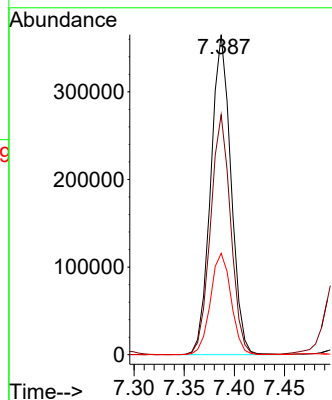
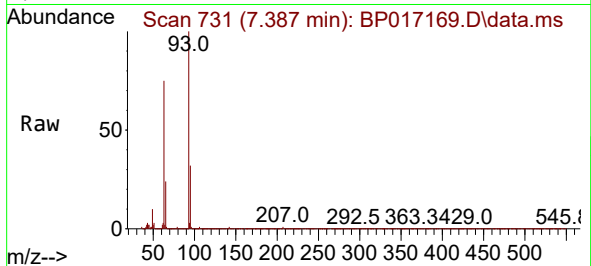


#10
 Bis(2-Chloroethyl)ether
 Concen: 42.929 ng/ul
 RT: 7.387 min Scan# 731
 Delta R.T. -0.006 min
 Lab File: BP017169.D
 Acq: 14 Sep 2023 10:33

Instrument :
 BNA_P
 ClientSampleId :
 SLCS433

Tgt Ion: 93 Resp: 513239

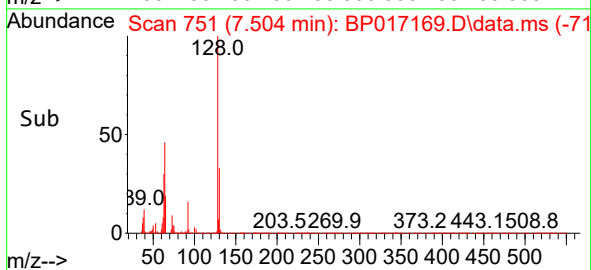
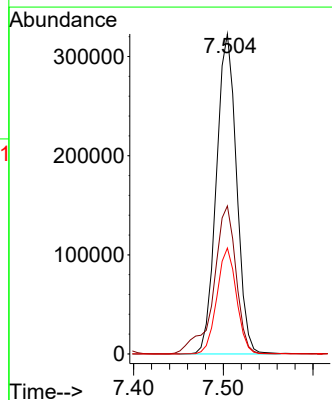
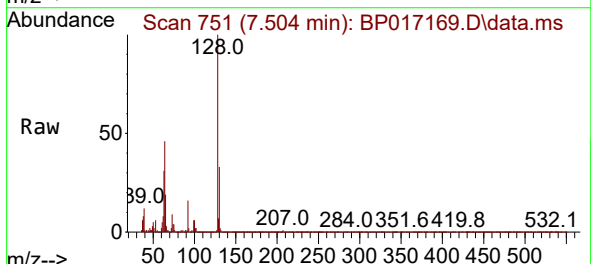
Ion	Ratio	Lower	Upper
93	100		
63	75.0	59.5	89.3
95	31.7	25.8	38.6

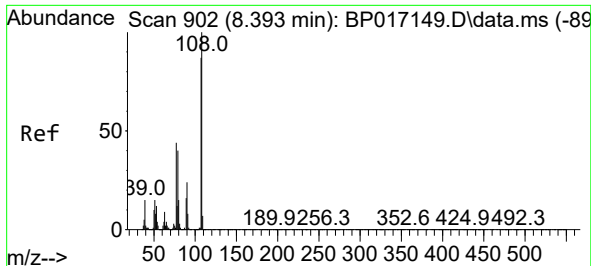


#12
 2-Chlorophenol
 Concen: 43.778 ng/ul
 RT: 7.504 min Scan# 751
 Delta R.T. -0.006 min
 Lab File: BP017169.D
 Acq: 14 Sep 2023 10:33

Tgt Ion:128 Resp: 503819

Ion	Ratio	Lower	Upper
128	100		
64	46.3	36.8	55.2
130	33.1	26.3	39.5





#13

2-Methylphenol

Concen: 44.156 ng/ul

RT: 8.393 min Scan# 902

Delta R.T. -0.006 min

Lab File: BP017169.D

Acq: 14 Sep 2023 10:33

Instrument :

BNA_P

ClientSampleId :

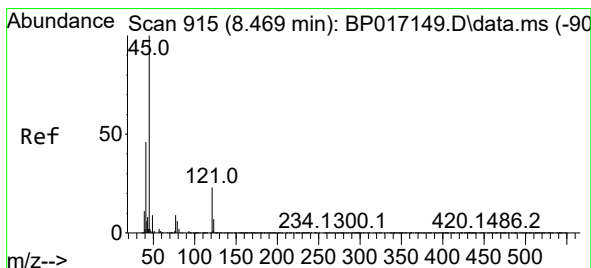
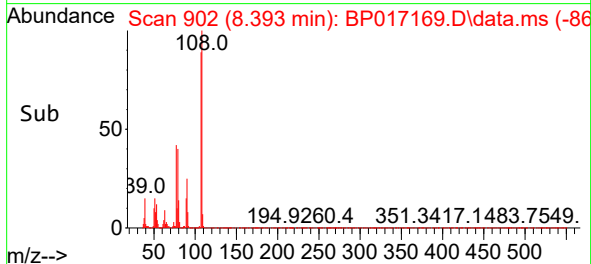
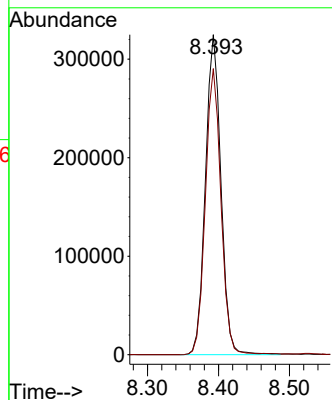
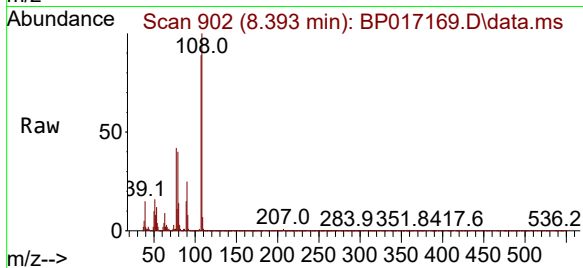
SLCS433

Tgt Ion:108 Resp: 493427

Ion Ratio Lower Upper

108 100

107 89.4 72.2 108.4



#14

2,2'-oxybis(1-Chloropropane)

Concen: 20.578 ng/ul

RT: 8.463 min Scan# 914

Delta R.T. -0.006 min

Lab File: BP017169.D

Acq: 14 Sep 2023 10:33

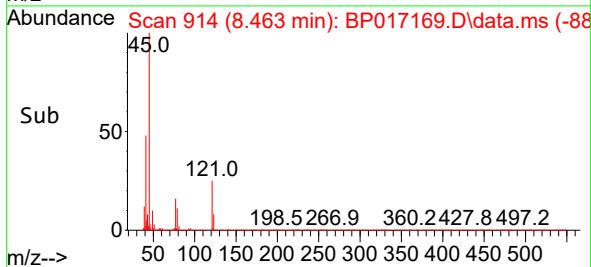
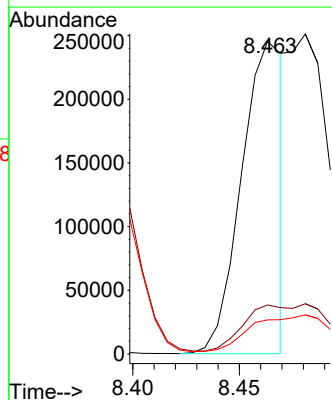
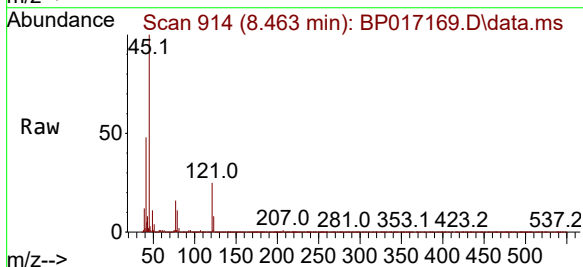
Tgt Ion: 45 Resp: 333414

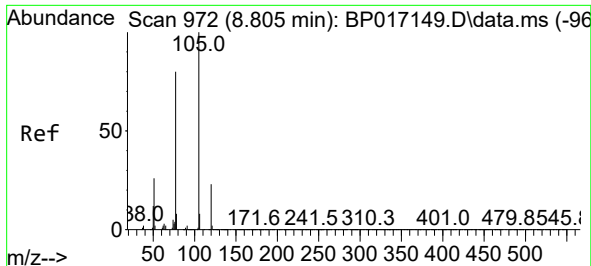
Ion Ratio Lower Upper

45 100

77 15.7 12.5 18.7

79 10.9 8.8 13.2

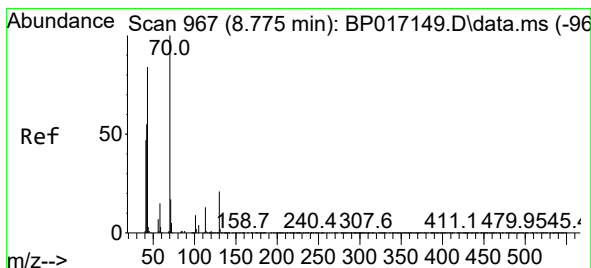
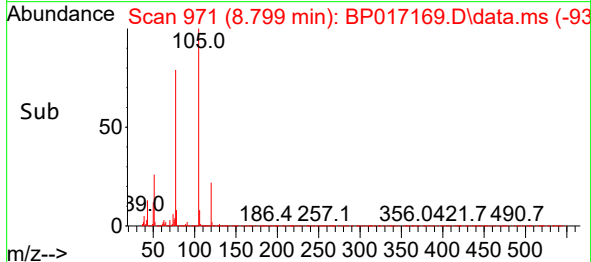
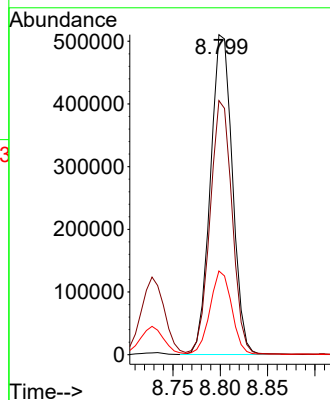
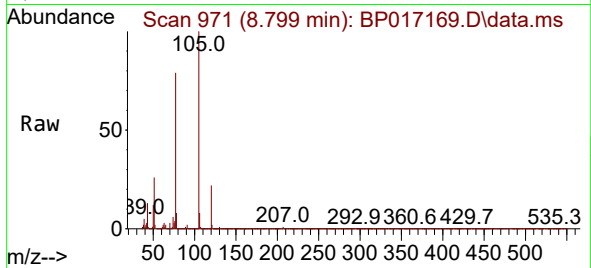




#16
Acetophenone
Concen: 44.728 ng/ul
RT: 8.799 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP017169.D
Acq: 14 Sep 2023 10:33

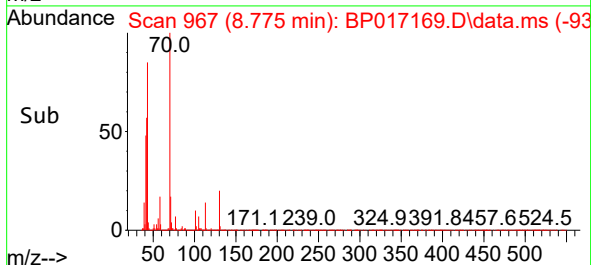
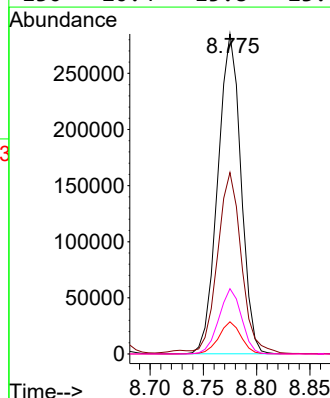
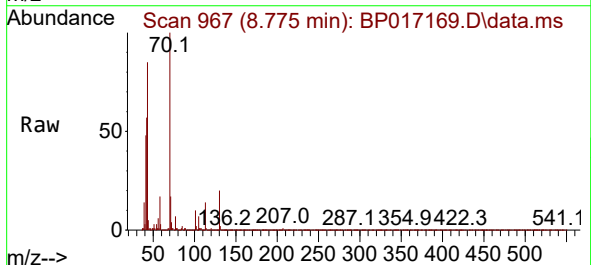
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ClientSampleId :
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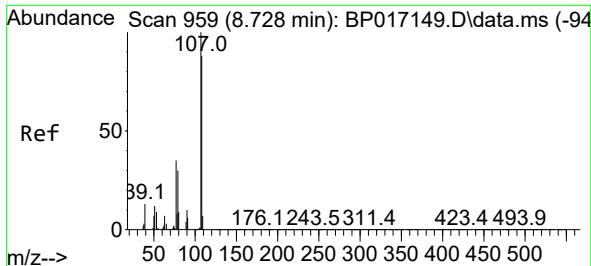
Tgt Ion:105 Resp: 824625
Ion Ratio Lower Upper
105 100
77 79.4 63.0 94.4
51 26.2 20.5 30.7



#17
N-Nitroso-di-n-propylamine
Concen: 45.363 ng/ul
RT: 8.775 min Scan# 967
Delta R.T. -0.006 min
Lab File: BP017169.D
Acq: 14 Sep 2023 10:33

Tgt Ion: 70 Resp: 429764
Ion Ratio Lower Upper
70 100
42 56.7 43.9 65.9
101 10.1 7.0 10.4
130 20.4 15.8 23.6

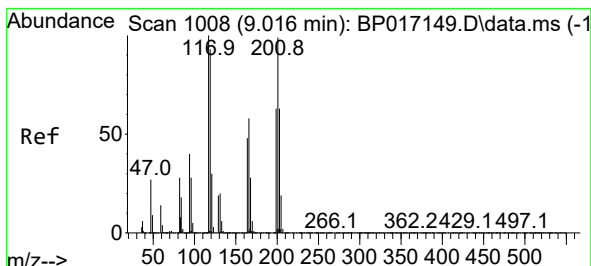
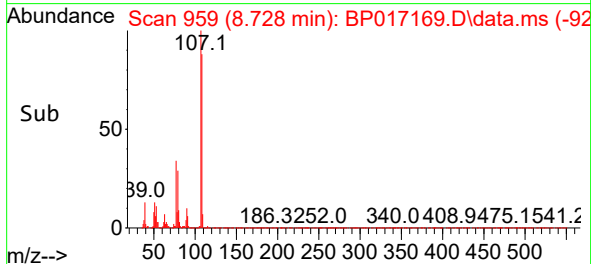
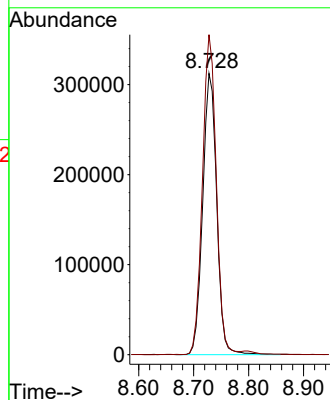
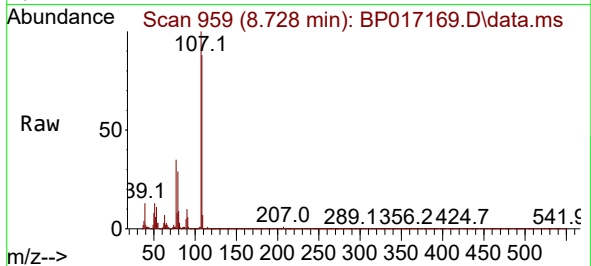




#18
4-Methylphenol
Concen: 44.666 ng/ul
RT: 8.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP017169.D
Acq: 14 Sep 2023 10:33

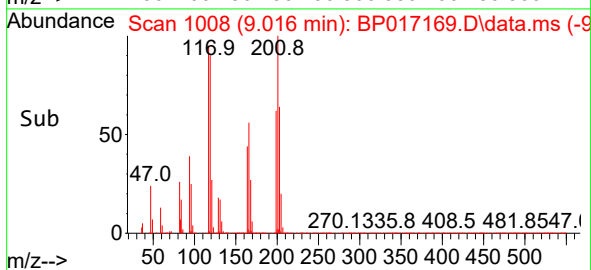
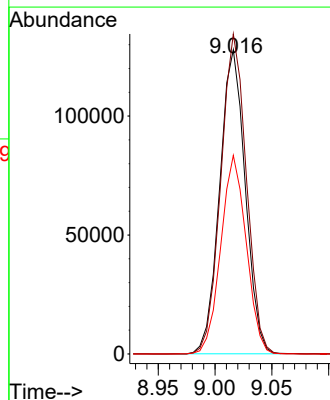
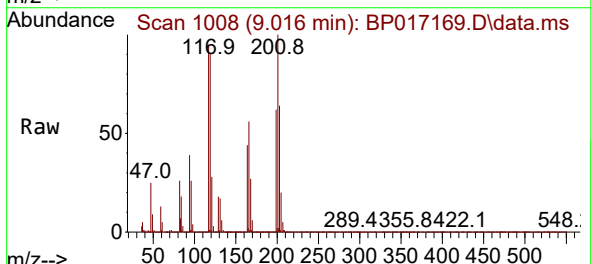
Instrument :
BNA_P
ClientSampleId :
SLCS433

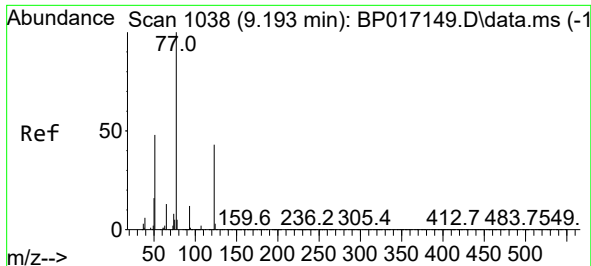
Tgt Ion:108 Resp: 552214
Ion Ratio Lower Upper
108 100
107 113.7 91.4 137.0



#19
Hexachloroethane
Concen: 42.385 ng/ul
RT: 9.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BP017169.D
Acq: 14 Sep 2023 10:33

Tgt Ion:117 Resp: 200610
Ion Ratio Lower Upper
117 100
201 105.2 79.9 119.9
199 65.3 49.4 74.2

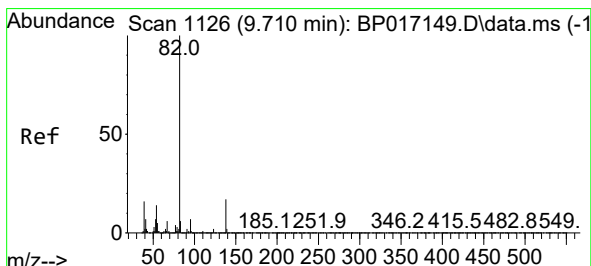
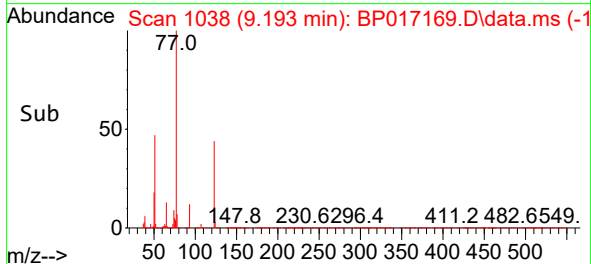
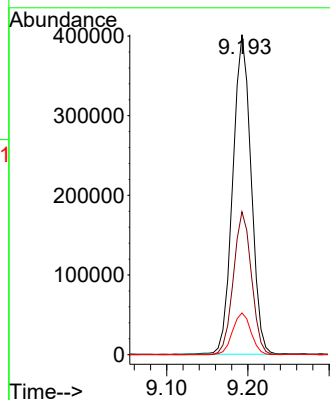
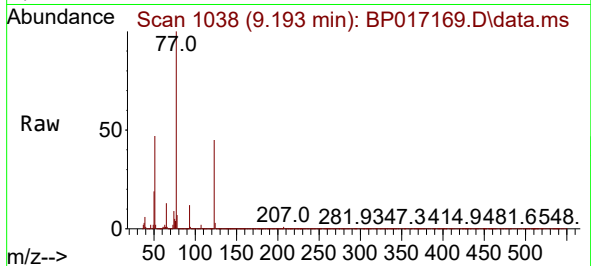




#22
Nitrobenzene
Concen: 43.961 ng/ul
RT: 9.193 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BP017169.D
Acq: 14 Sep 2023 10:33

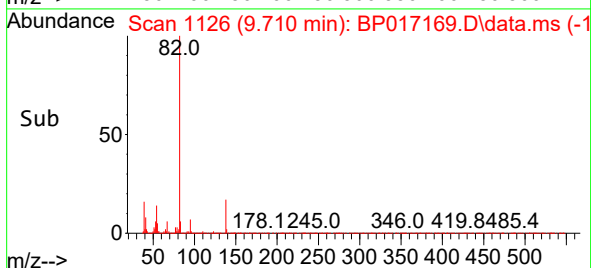
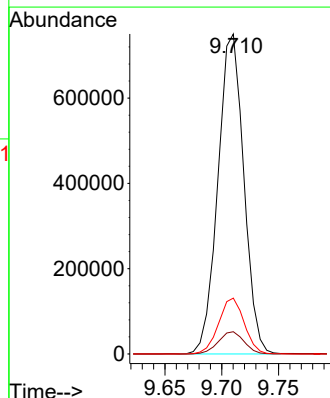
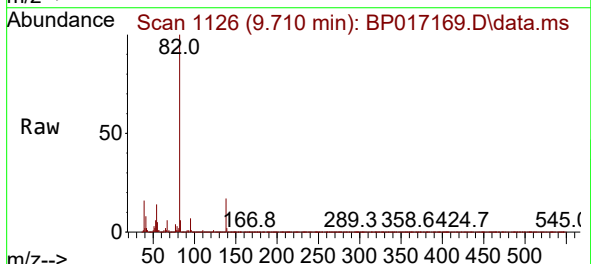
Instrument :
BNA_P
ClientSampleId :
SLCS433

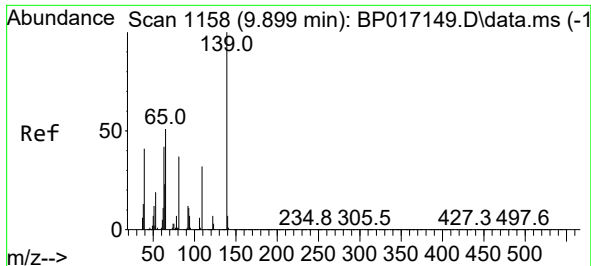
Tgt Ion: 77 Resp: 627603
Ion Ratio Lower Upper
77 100
123 44.6 34.6 51.8
65 13.0 10.6 16.0



#23
Isophorone
Concen: 44.415 ng/ul
RT: 9.710 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BP017169.D
Acq: 14 Sep 2023 10:33

Tgt Ion: 82 Resp: 1188259
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 17.5 14.0 21.0

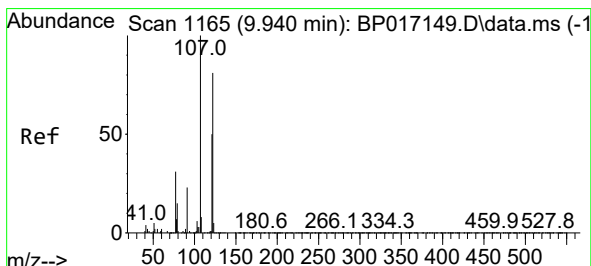
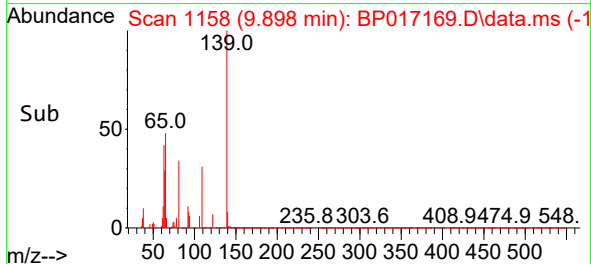
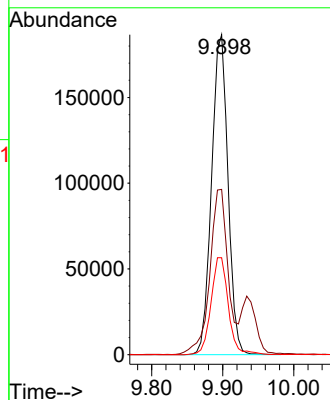
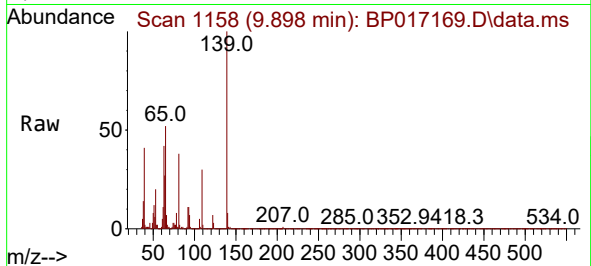




#25
2-Nitrophenol
Concen: 45.903 ng/ul
RT: 9.898 min Scan# 1158
Delta R.T. -0.006 min
Lab File: BP017169.D
Acq: 14 Sep 2023 10:33

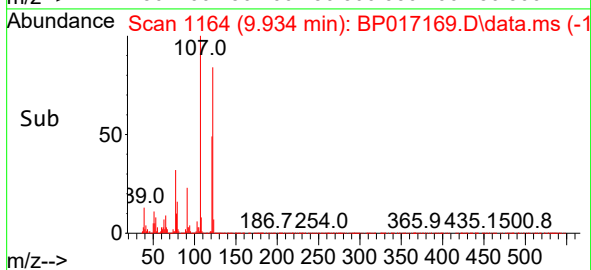
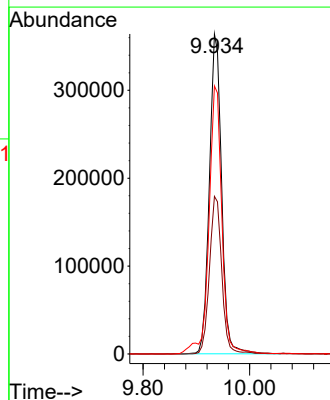
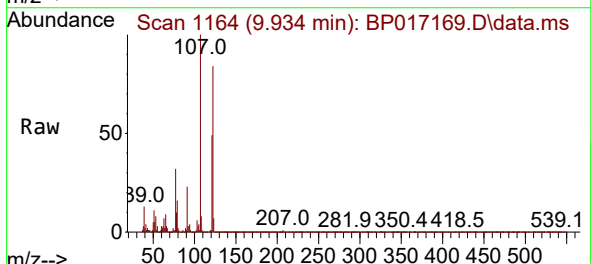
Instrument :
BNA_P
ClientSampleId :
SLCS433

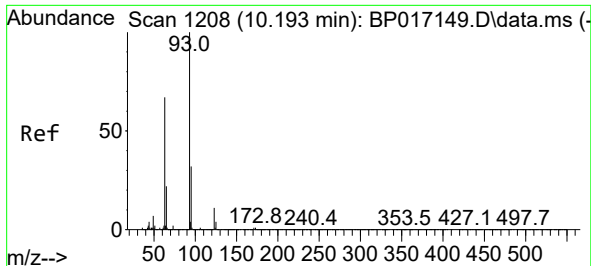
Tgt Ion:139 Resp: 298587
Ion Ratio Lower Upper
139 100
65 51.6 41.9 62.9
109 30.3 23.5 35.3



#26
2,4-Dimethylphenol
Concen: 43.722 ng/ul
RT: 9.934 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BP017169.D
Acq: 14 Sep 2023 10:33

Tgt Ion:107 Resp: 579608
Ion Ratio Lower Upper
107 100
121 49.3 41.7 62.5
122 83.8 70.4 105.6





#27

Bis(2-Chloroethoxy)methane

Concen: 44.058 ng/ul

RT: 10.193 min Scan# 1208

Delta R.T. -0.012 min

Lab File: BP017169.D

Acq: 14 Sep 2023 10:33

Instrument :

BNA_P

ClientSampleId :

SLCS433

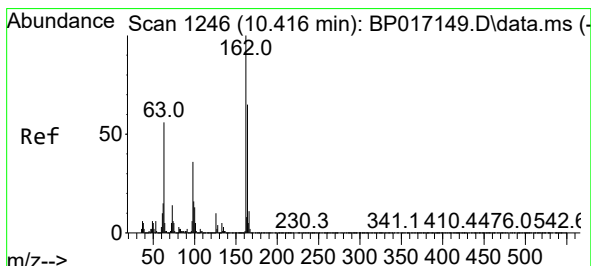
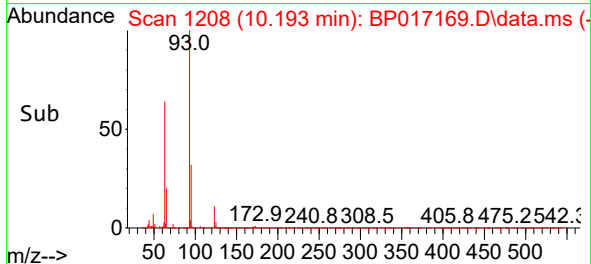
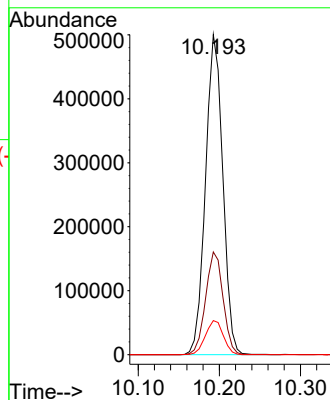
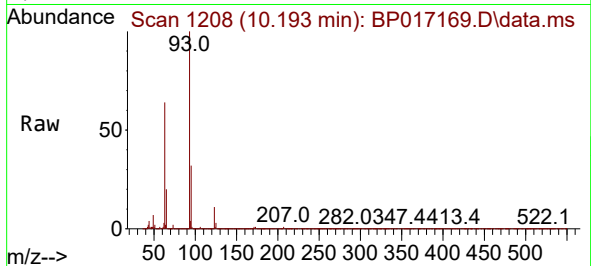
Tgt Ion: 93 Resp: 738755

Ion Ratio Lower Upper

93 100

95 32.1 26.2 39.4

123 10.6 9.3 13.9



#29

2,4-Dichlorophenol

Concen: 45.746 ng/ul

RT: 10.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BP017169.D

Acq: 14 Sep 2023 10:33

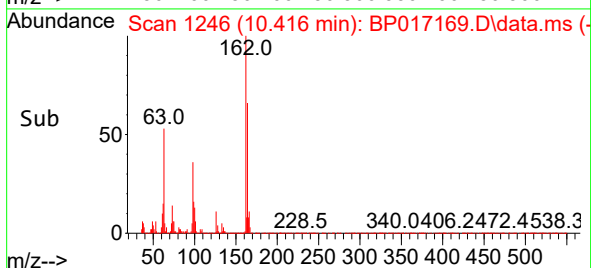
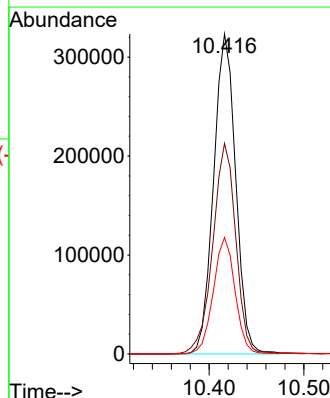
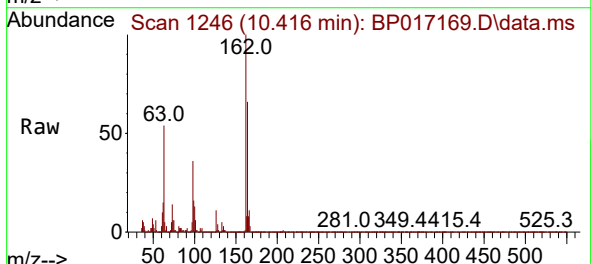
Tgt Ion:162 Resp: 524113

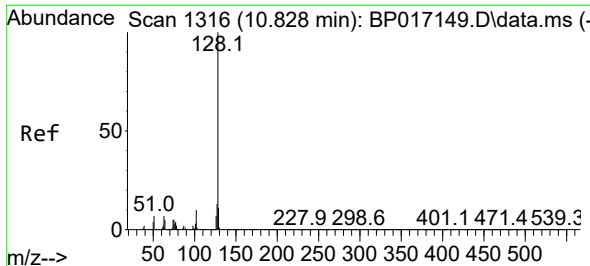
Ion Ratio Lower Upper

162 100

164 65.8 53.2 79.8

98 36.4 30.0 45.0

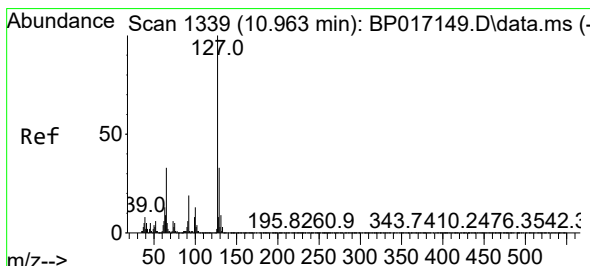
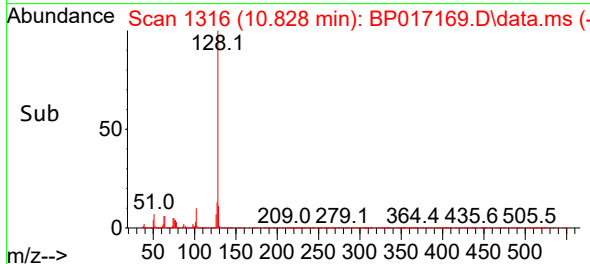
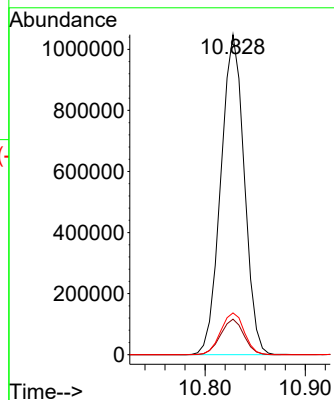
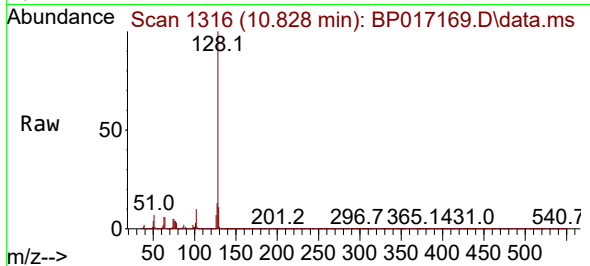




#30
Naphthalene
Concen: 42.911 ng/ul
RT: 10.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BP017169.D
Acq: 14 Sep 2023 10:33

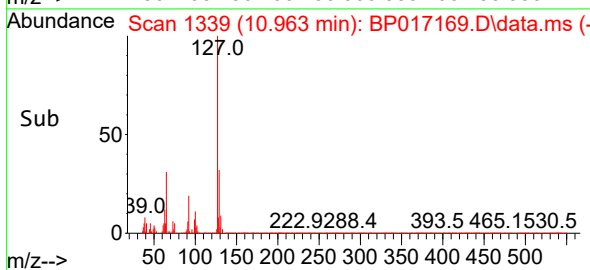
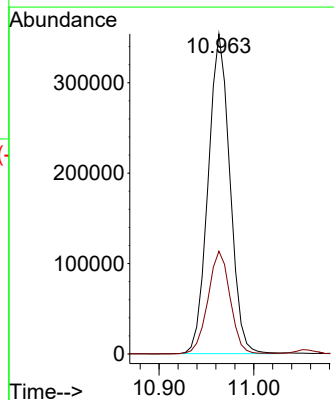
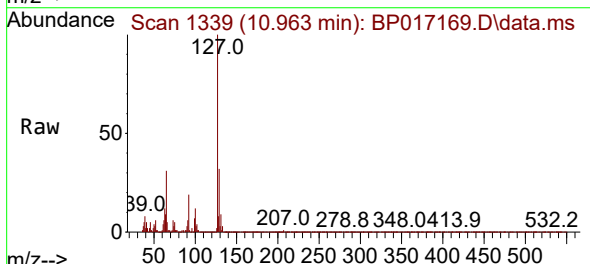
Instrument :
BNA_P
ClientSampleId :
SLCS433

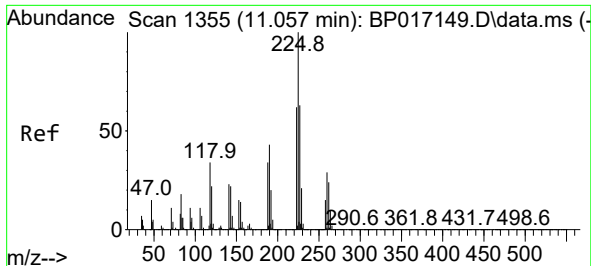
Tgt Ion:128 Resp: 1699987
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.1 10.4 15.6



#32
4-Chloroaniline
Concen: 33.878 ng/ul
RT: 10.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BP017169.D
Acq: 14 Sep 2023 10:33

Tgt Ion:127 Resp: 563996
Ion Ratio Lower Upper
127 100
129 32.1 24.8 37.2

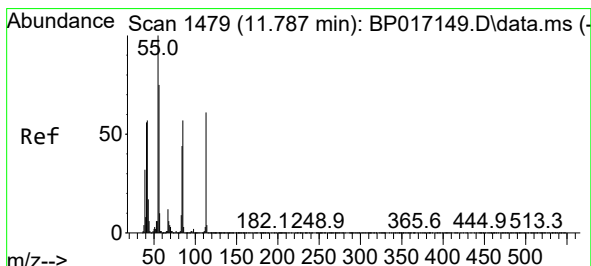
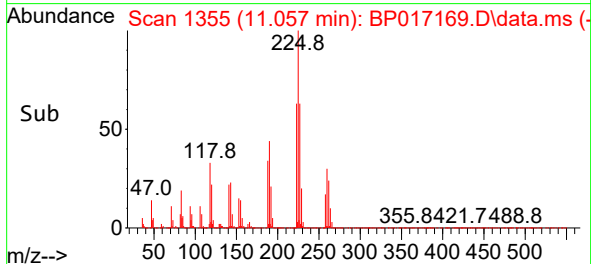
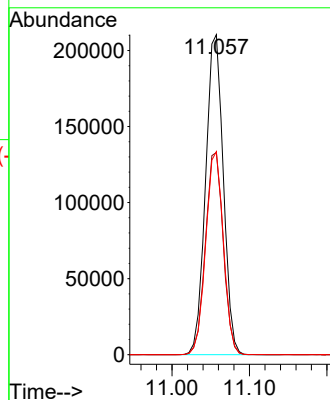
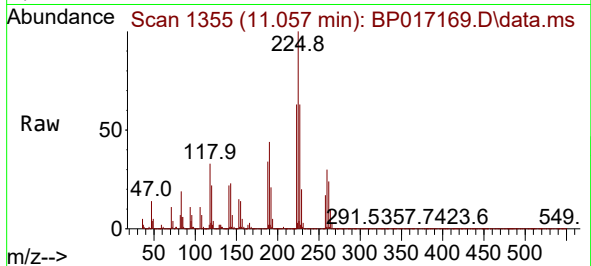




#33
Hexachlorobutadiene
Concen: 42.839 ng/ul
RT: 11.057 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP017169.D
Acq: 14 Sep 2023 10:33

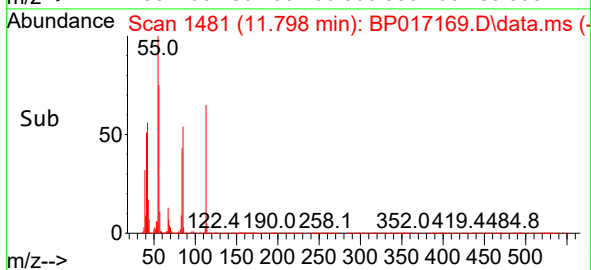
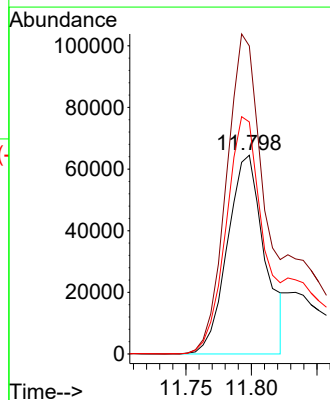
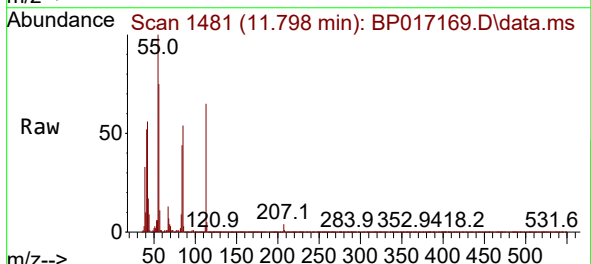
Instrument :
BNA_P
ClientSampleId :
SLCS433

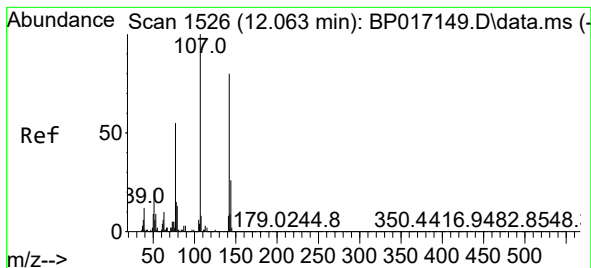
Tgt Ion:225 Resp: 333273
Ion Ratio Lower Upper
225 100
223 63.2 49.0 73.4
227 63.4 50.2 75.4



#34
Caprolactam
Concen: 35.131 ng/ul
RT: 11.798 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BP017169.D
Acq: 14 Sep 2023 10:33

Tgt Ion:113 Resp: 126521
Ion Ratio Lower Upper
113 100
55 154.9 130.7 196.1
56 116.7 96.8 145.2

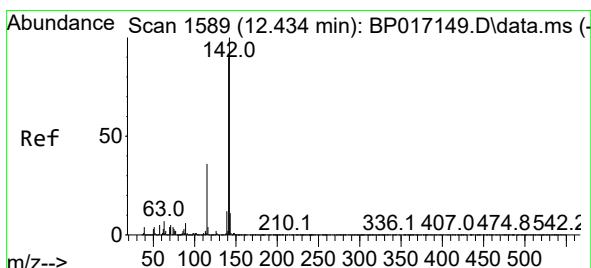
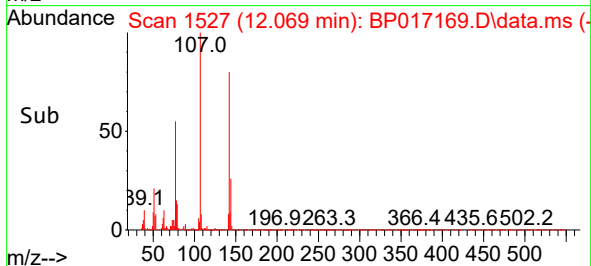
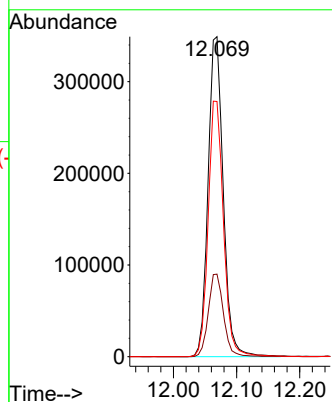
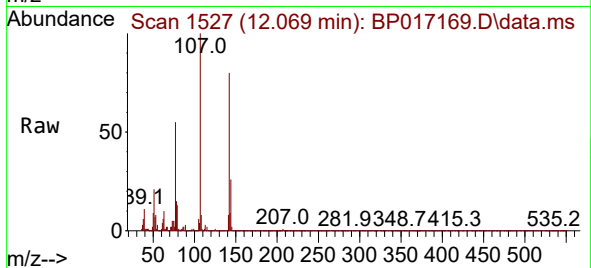




#35
4-Chloro-3-methylphenol
Concen: 47.046 ng/ul
RT: 12.069 min Scan# 1526
Delta R.T. 0.000 min
Lab File: BP017169.D
Acq: 14 Sep 2023 10:33

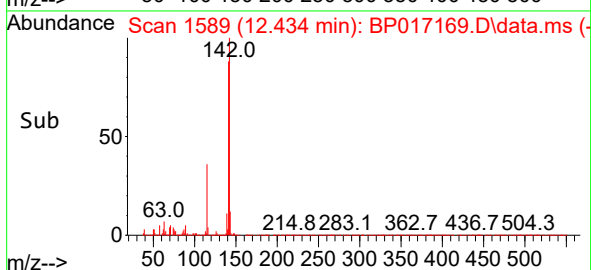
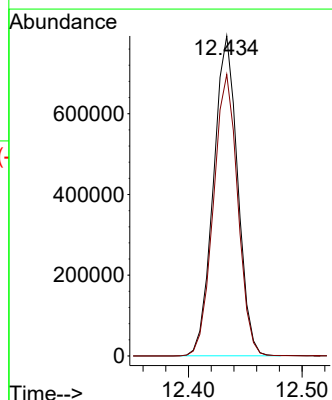
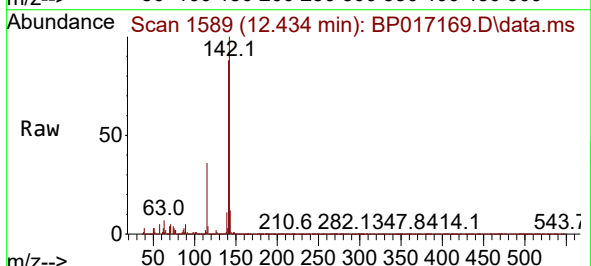
Instrument :
BNA_P
ClientSampleId :
SLCS433

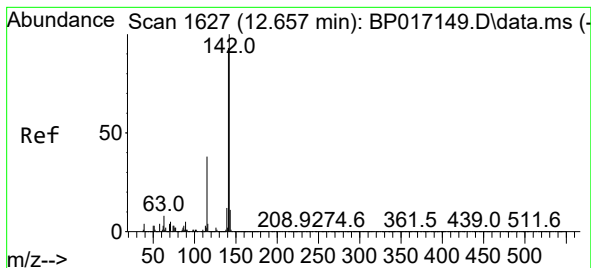
Tgt Ion:107 Resp: 583192
Ion Ratio Lower Upper
107 100
144 25.8 20.6 31.0
142 79.8 63.4 95.0



#36
2-Methylnaphthalene
Concen: 43.829 ng/ul
RT: 12.434 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BP017169.D
Acq: 14 Sep 2023 10:33

Tgt Ion:142 Resp: 1171628
Ion Ratio Lower Upper
142 100
141 88.0 70.1 105.1





#37

1-Methylnaphthalene

Concen: 42.251 ng/ul

RT: 12.651 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP017169.D

Acq: 14 Sep 2023 10:33

Instrument :

BNA_P

ClientSampleId :

SLCS433

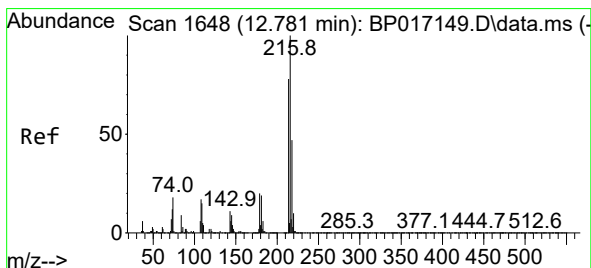
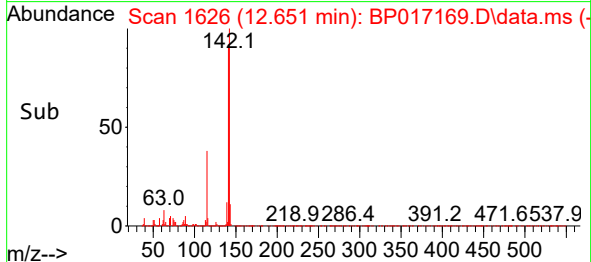
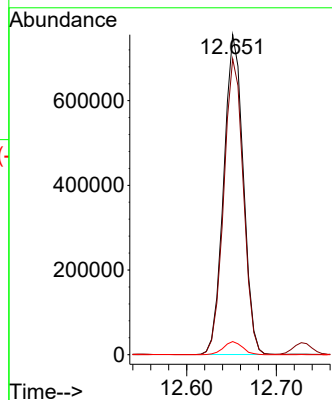
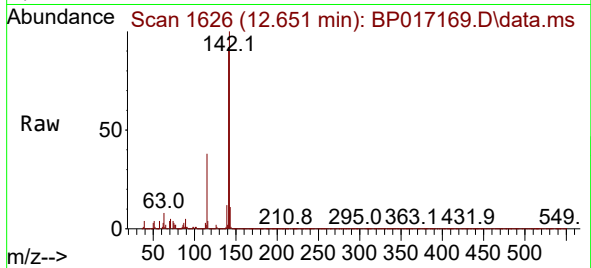
Tgt Ion:142 Resp: 1143270

Ion Ratio Lower Upper

142 100

141 92.4 74.1 111.1

116 4.1 3.1 4.7



#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.913 ng/ul

RT: 12.781 min Scan# 1648

Delta R.T. -0.012 min

Lab File: BP017169.D

Acq: 14 Sep 2023 10:33

Tgt Ion:216 Resp: 656177

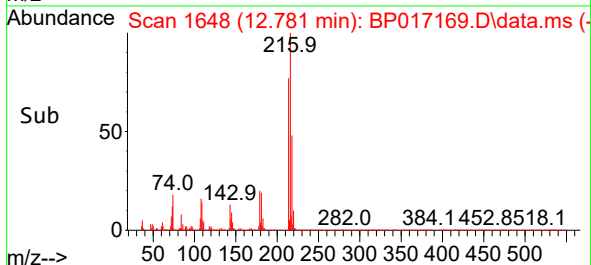
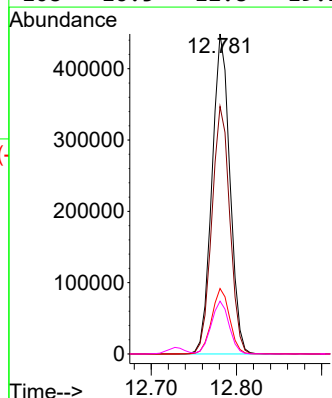
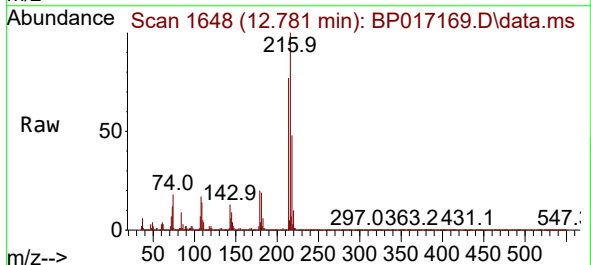
Ion Ratio Lower Upper

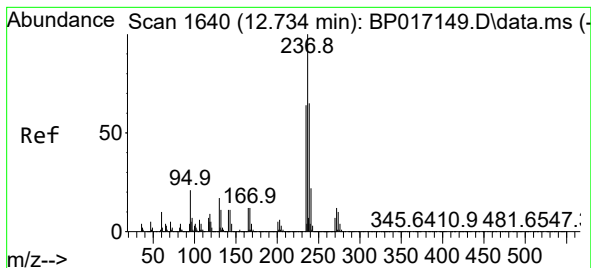
216 100

214 77.4 62.1 93.1

179 20.5 15.6 23.4

108 16.5 12.8 19.2





#40

Hexachlorocyclopentadiene

Concen: 36.004 ng/ul

RT: 12.728 min Scan# 1639

Delta R.T. -0.012 min

Lab File: BP017169.D

Acq: 14 Sep 2023 10:33

Instrument :

BNA_P

ClientSampleId :

SLCS433

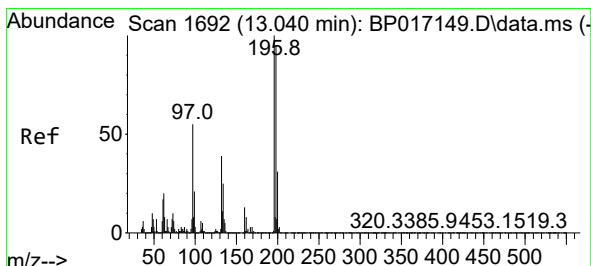
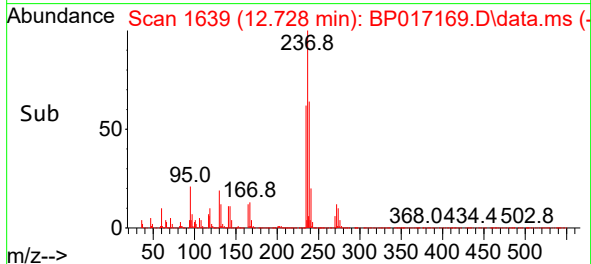
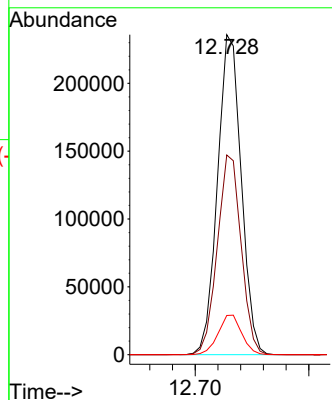
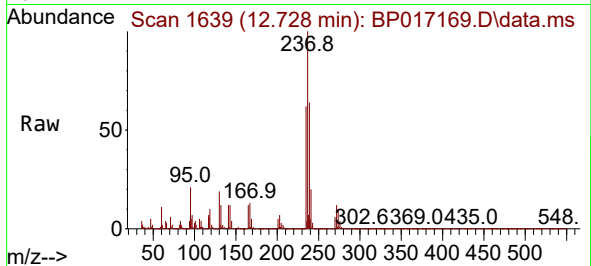
Tgt Ion:237 Resp: 343020

Ion Ratio Lower Upper

237 100

235 62.4 50.4 75.6

272 12.3 10.2 15.4



#41

2,4,6-Trichlorophenol

Concen: 43.671 ng/ul

RT: 13.039 min Scan# 1692

Delta R.T. -0.006 min

Lab File: BP017169.D

Acq: 14 Sep 2023 10:33

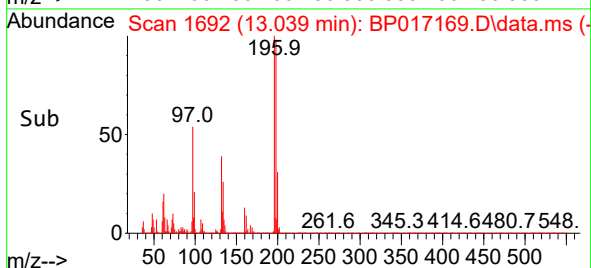
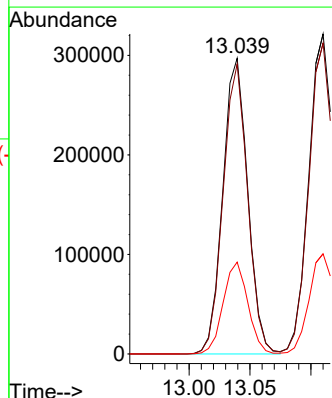
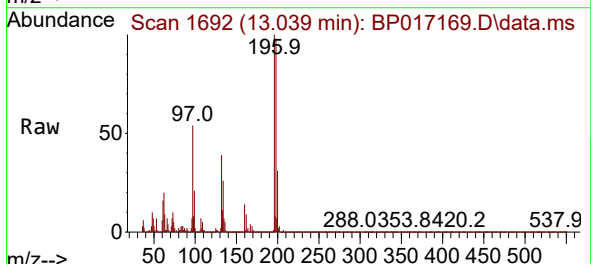
Tgt Ion:196 Resp: 424219

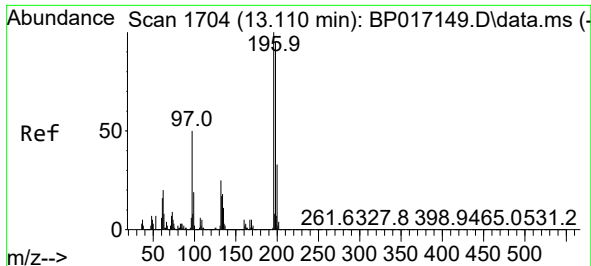
Ion Ratio Lower Upper

196 100

198 98.0 76.0 114.0

200 31.1 25.0 37.4

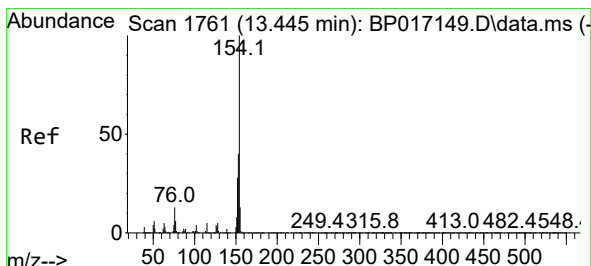
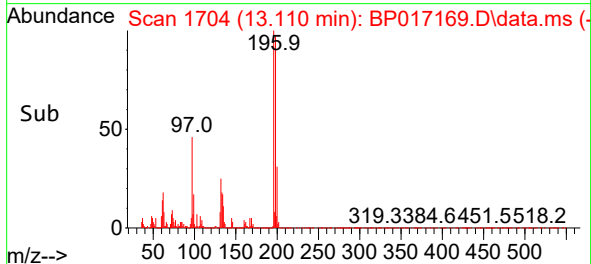
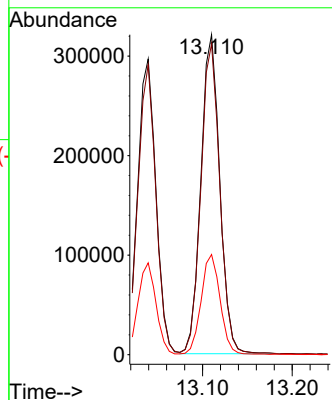
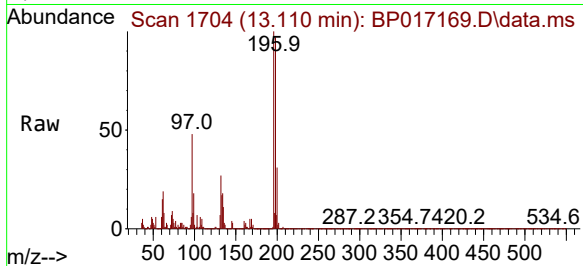




#42
2,4,5-Trichlorophenol
Concen: 45.442 ng/ul
RT: 13.110 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BP017169.D
Acq: 14 Sep 2023 10:33

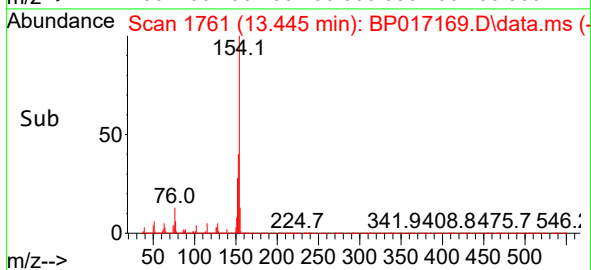
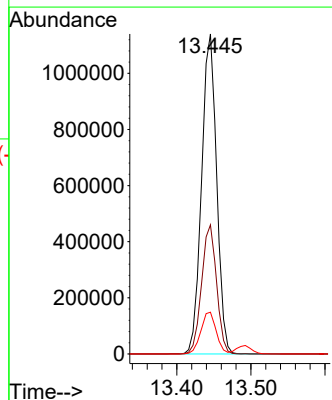
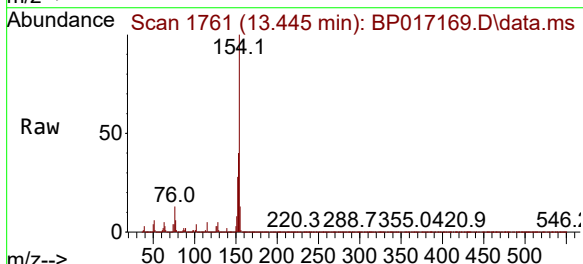
Instrument :
BNA_P
ClientSampleId :
SLCS433

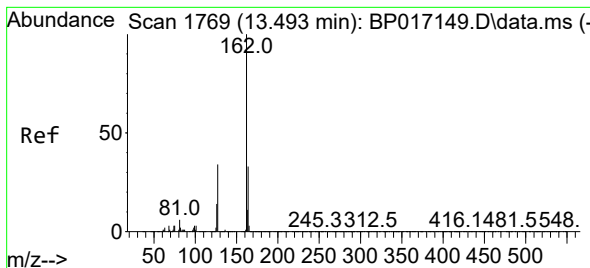
Tgt Ion:196 Resp: 469292
Ion Ratio Lower Upper
196 100
198 97.2 76.9 115.3
200 31.3 25.0 37.6



#43
1,1'-Biphenyl
Concen: 43.611 ng/ul
RT: 13.445 min Scan# 1761
Delta R.T. -0.006 min
Lab File: BP017169.D
Acq: 14 Sep 2023 10:33

Tgt Ion:154 Resp: 1605516
Ion Ratio Lower Upper
154 100
153 40.4 31.8 47.8
76 13.0 10.8 16.2

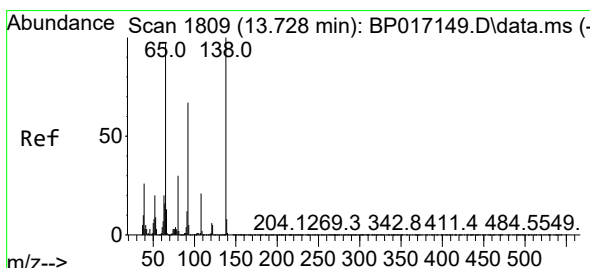
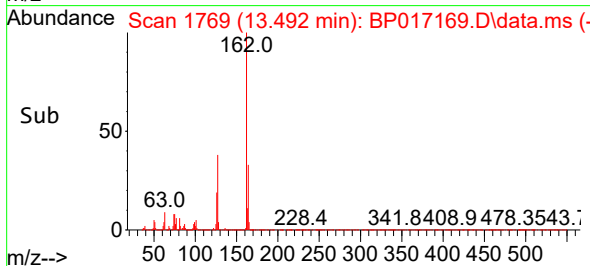
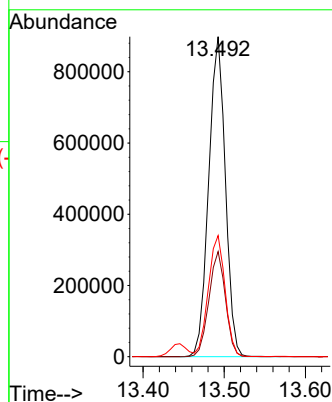
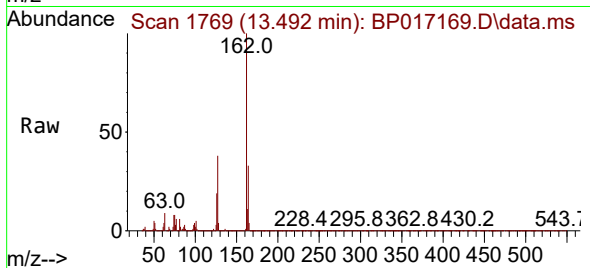




#44
2-Chloronaphthalene
Concen: 43.647 ng/ul
RT: 13.492 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BP017169.D
Acq: 14 Sep 2023 10:33

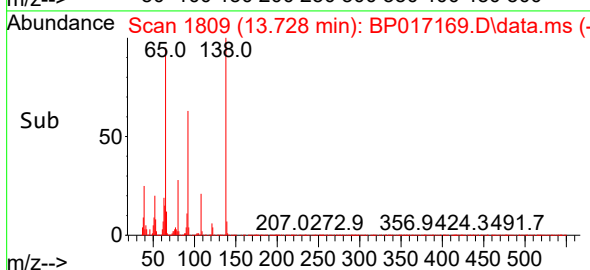
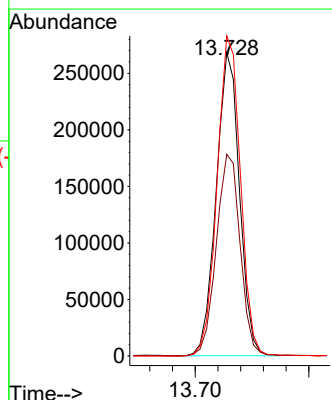
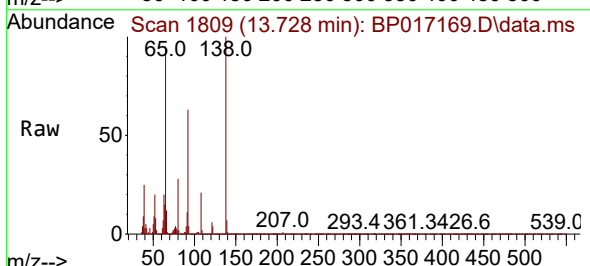
Instrument :
BNA_P
ClientSampleId :
SLCS433

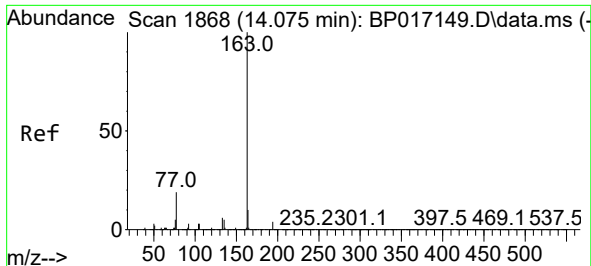
Tgt Ion:162 Resp: 1276025
Ion Ratio Lower Upper
162 100
164 32.8 26.6 39.8
127 37.9 31.0 46.4



#45
2-Nitroaniline
Concen: 48.209 ng/ul
RT: 13.728 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BP017169.D
Acq: 14 Sep 2023 10:33

Tgt Ion: 65 Resp: 381764
Ion Ratio Lower Upper
65 100
92 66.4 55.6 83.4
138 105.5 82.2 123.2

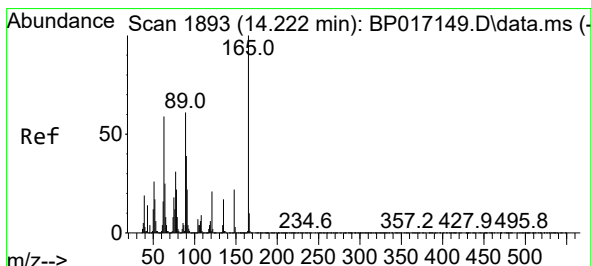
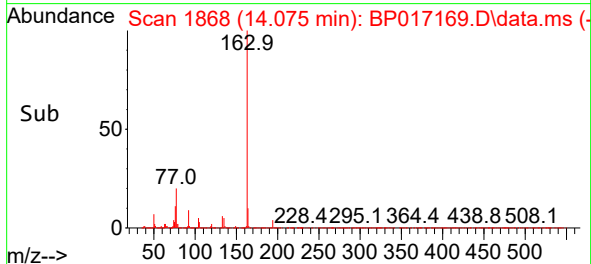
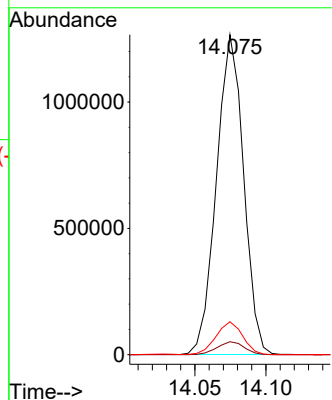
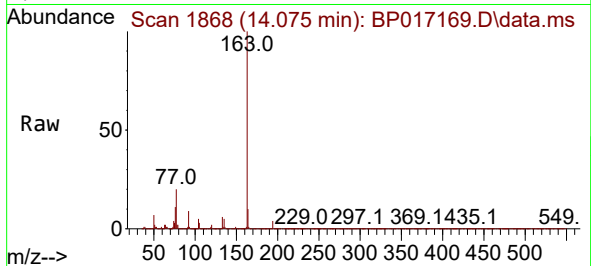




#47
Dimethylphthalate
Concen: 45.326 ng/ul
RT: 14.075 min Scan# 1868
Delta R.T. -0.006 min
Lab File: BP017169.D
Acq: 14 Sep 2023 10:33

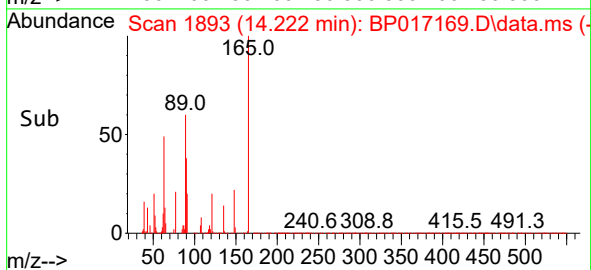
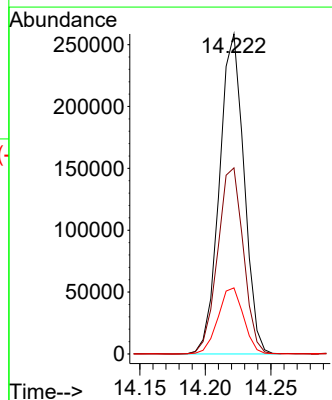
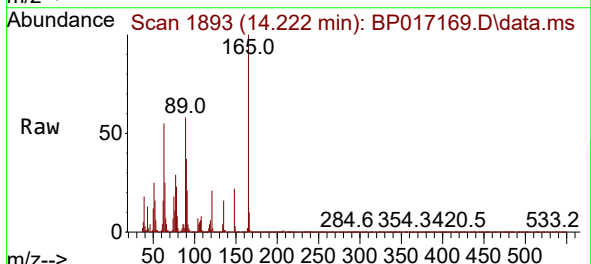
Instrument :
BNA_P
ClientSampleId :
SLCS433

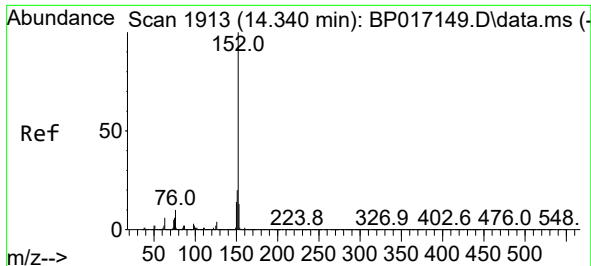
Tgt Ion:163 Resp: 1681043
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.3 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 49.736 ng/ul
RT: 14.222 min Scan# 1893
Delta R.T. -0.006 min
Lab File: BP017169.D
Acq: 14 Sep 2023 10:33

Tgt Ion:165 Resp: 337233
Ion Ratio Lower Upper
165 100
89 58.2 47.8 71.8
121 20.6 17.4 26.2

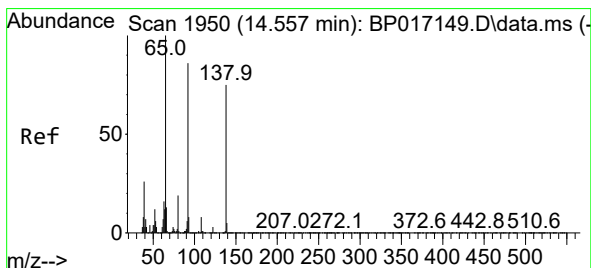
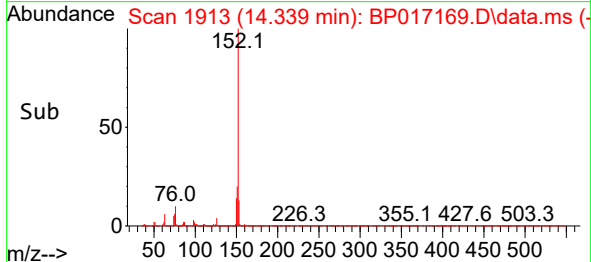
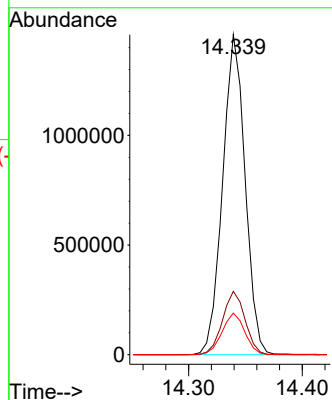
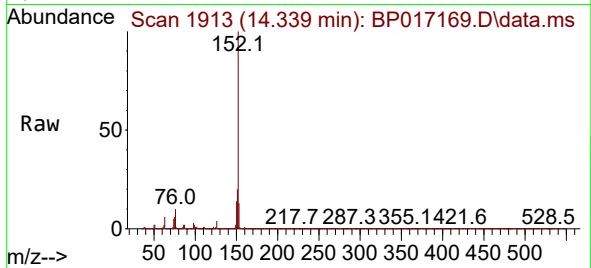




#50
Acenaphthylene
Concen: 41.853 ng/ul
RT: 14.339 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BP017169.D
Acq: 14 Sep 2023 10:33

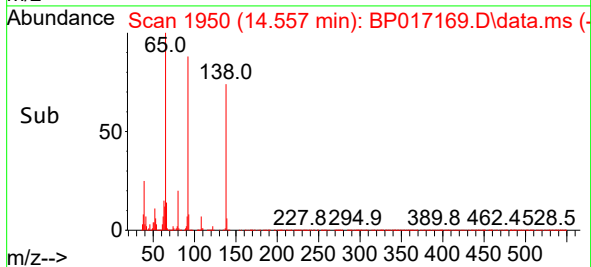
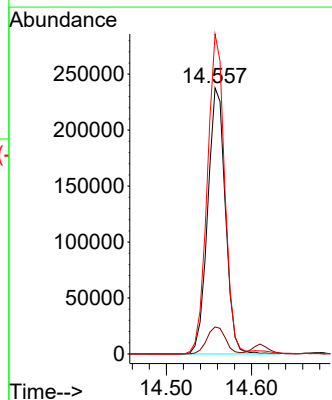
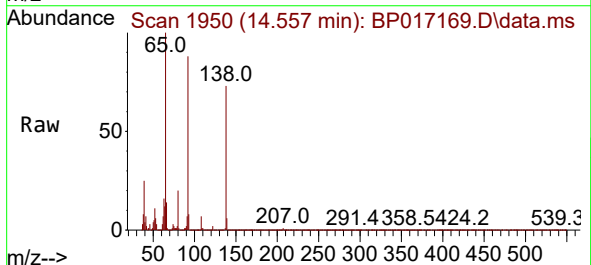
Instrument :
BNA_P
ClientSampleId :
SLCS433

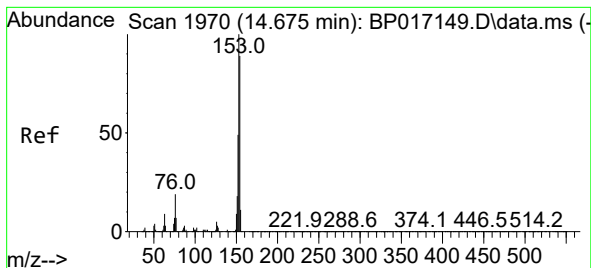
Tgt Ion:152 Resp: 2004366
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.0 10.6 15.8



#51
3-Nitroaniline
Concen: 47.162 ng/ul
RT: 14.557 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP017169.D
Acq: 14 Sep 2023 10:33

Tgt Ion:138 Resp: 342091
Ion Ratio Lower Upper
138 100
108 10.2 8.5 12.7
92 120.2 94.2 141.4





#52

Acenaphthene

Concen: 43.373 ng/ul

RT: 14.675 min Scan# 1970

Delta R.T. -0.006 min

Lab File: BP017169.D

Acq: 14 Sep 2023 10:33

Instrument :

BNA_P

ClientSampleId :

SLCS433

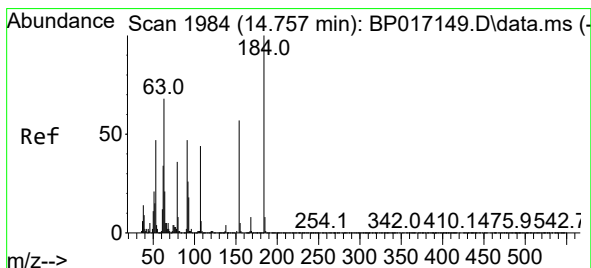
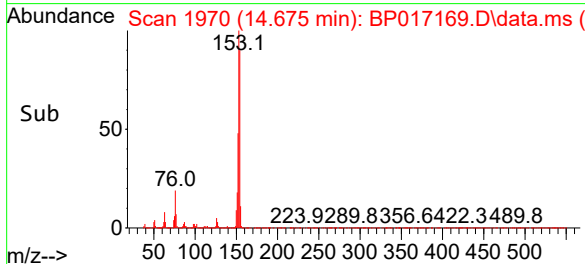
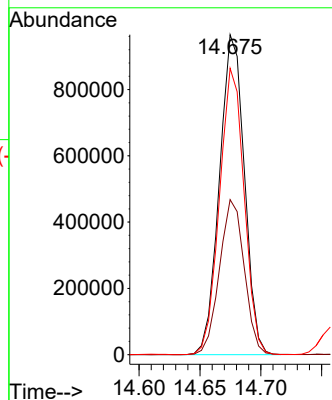
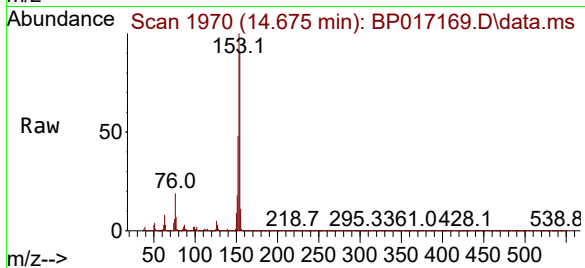
Tgt Ion:153 Resp: 1374530

Ion Ratio Lower Upper

153 100

152 48.4 38.6 57.8

154 89.5 70.4 105.6



#53

2,4-Dinitrophenol

Concen: 36.654 ng/ul

RT: 14.757 min Scan# 1984

Delta R.T. -0.006 min

Lab File: BP017169.D

Acq: 14 Sep 2023 10:33

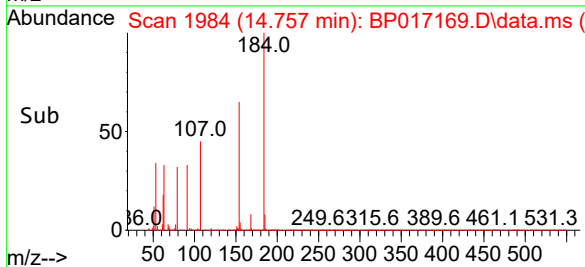
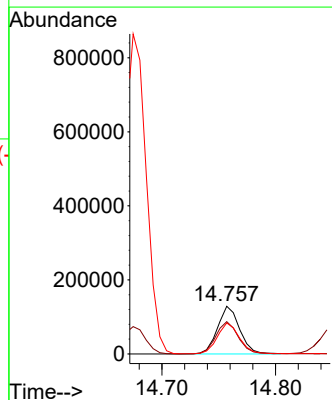
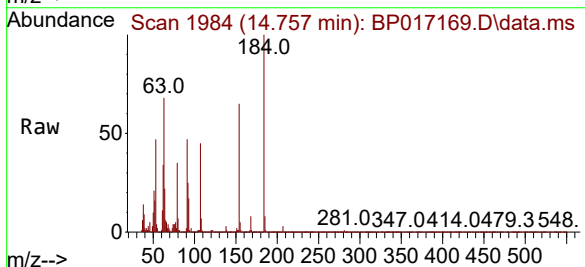
Tgt Ion:184 Resp: 174077

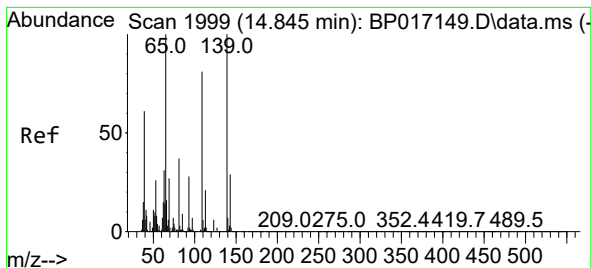
Ion Ratio Lower Upper

184 100

63 67.8 55.2 82.8

154 64.9 53.0 79.4

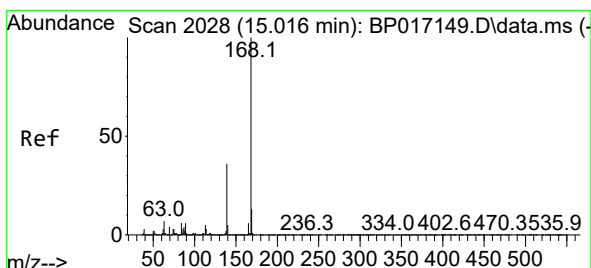
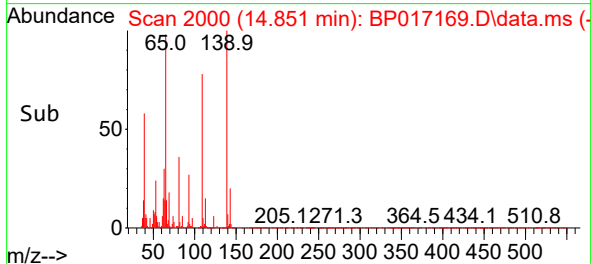
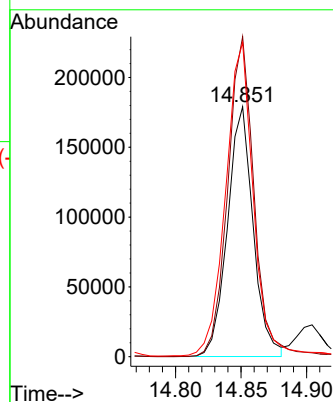
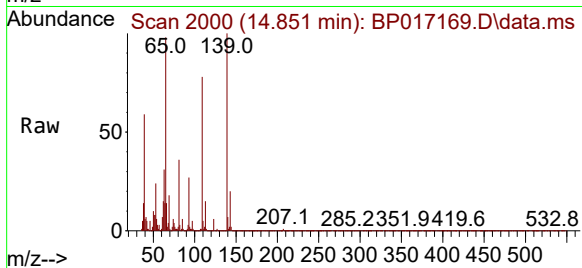




#55
4-Nitrophenol
Concen: 43.207 ng/ul
RT: 14.851 min Scan# 20
Delta R.T. -0.000 min
Lab File: BP017169.D
Acq: 14 Sep 2023 10:33

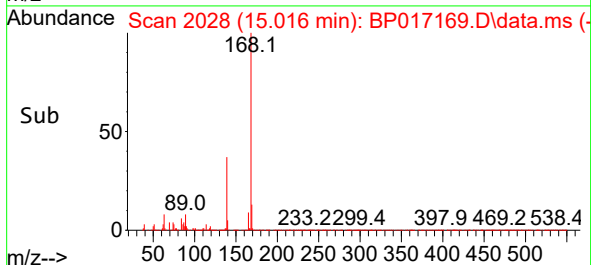
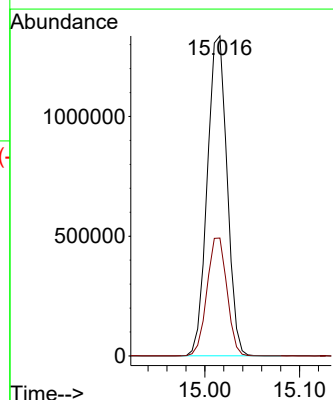
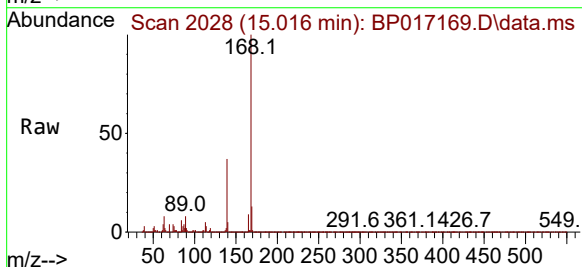
Instrument :
BNA_P
ClientSampleId :
SLCS433

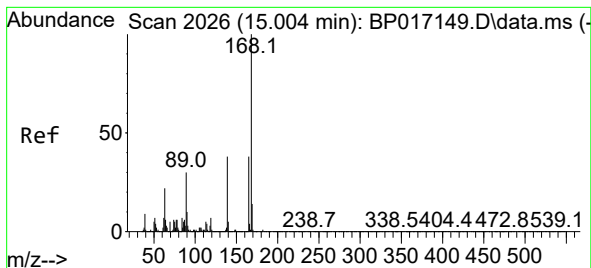
Tgt Ion:109 Resp: 244183
Ion Ratio Lower Upper
109 100
139 128.0 101.1 151.7
65 125.7 105.0 157.4



#56
Dibenzofuran
Concen: 44.187 ng/ul
RT: 15.016 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BP017169.D
Acq: 14 Sep 2023 10:33

Tgt Ion:168 Resp: 1935171
Ion Ratio Lower Upper
168 100
139 36.8 29.9 44.9

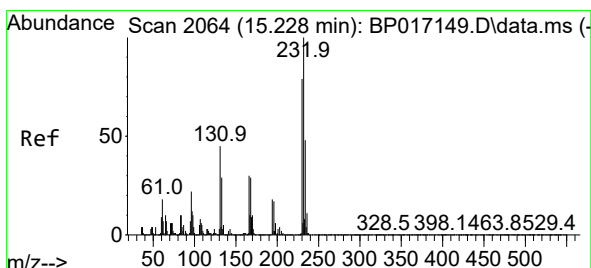
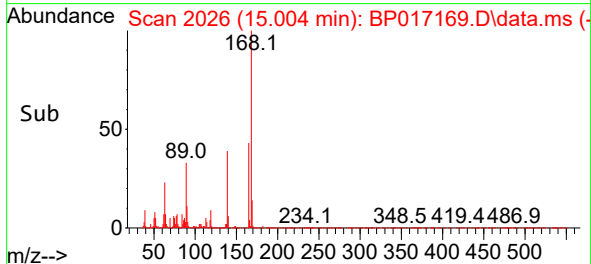
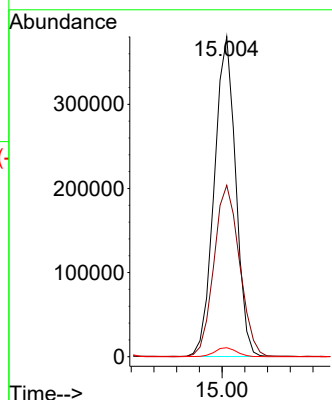
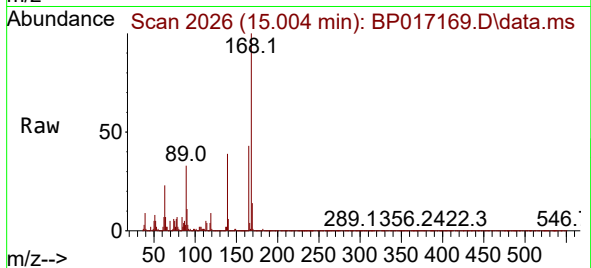




#57
2,4-Dinitrotoluene
Concen: 49.392 ng/ul
RT: 15.004 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BP017169.D
Acq: 14 Sep 2023 10:33

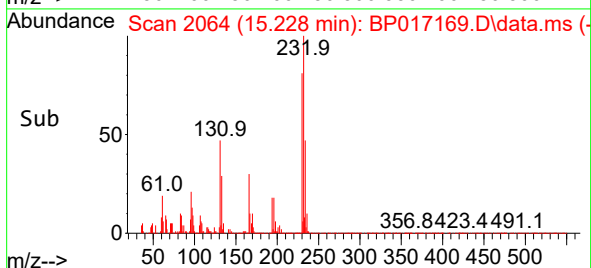
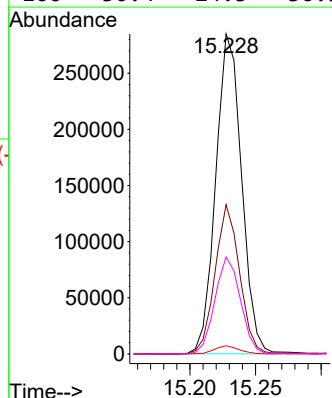
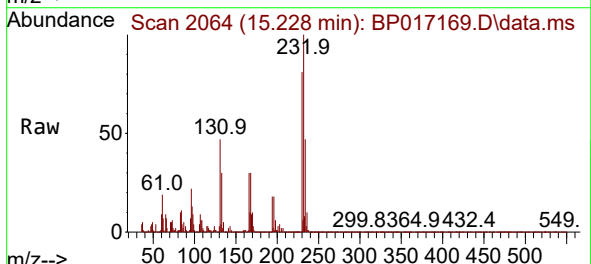
Instrument :
BNA_P
ClientSampleId :
SLCS433

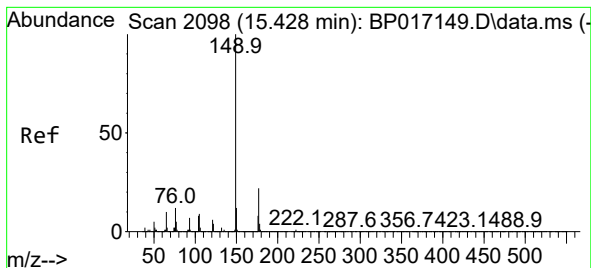
Tgt Ion:165 Resp: 498682
Ion Ratio Lower Upper
165 100
63 53.6 42.3 63.5
182 2.8 2.2 3.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 42.987 ng/ul
RT: 15.228 min Scan# 2064
Delta R.T. -0.006 min
Lab File: BP017169.D
Acq: 14 Sep 2023 10:33

Tgt Ion:232 Resp: 389451
Ion Ratio Lower Upper
232 100
131 46.7 37.0 55.6
130 2.6 1.8 2.8
166 30.4 24.3 36.5





#59

Diethylphthalate

Concen: 46.129 ng/ul

RT: 15.433 min Scan# 2099

Delta R.T. 0.000 min

Lab File: BP017169.D

Acq: 14 Sep 2023 10:33

Instrument :

BNA_P

ClientSampleId :

SLCS433

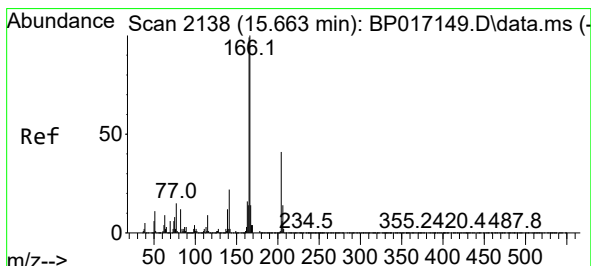
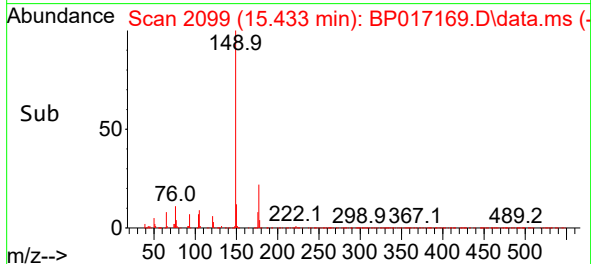
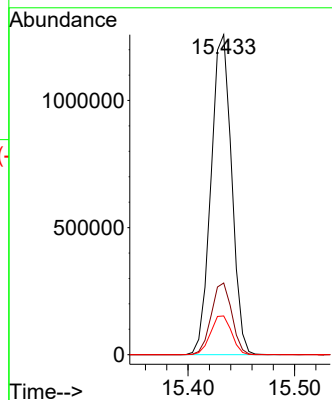
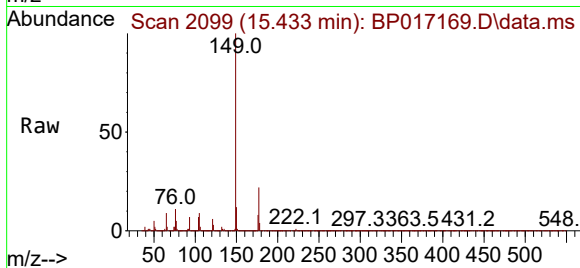
Tgt Ion:149 Resp: 1689106

Ion Ratio Lower Upper

149 100

177 22.4 17.5 26.3

150 12.1 10.0 15.0



#61

Fluorene

Concen: 44.418 ng/ul

RT: 15.663 min Scan# 2138

Delta R.T. -0.006 min

Lab File: BP017169.D

Acq: 14 Sep 2023 10:33

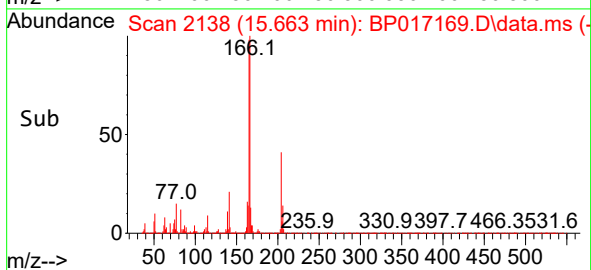
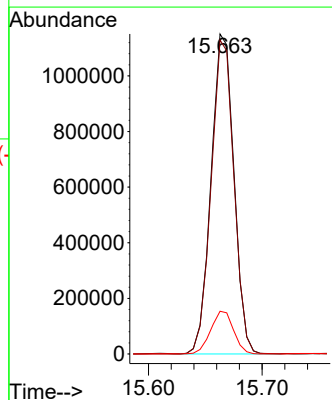
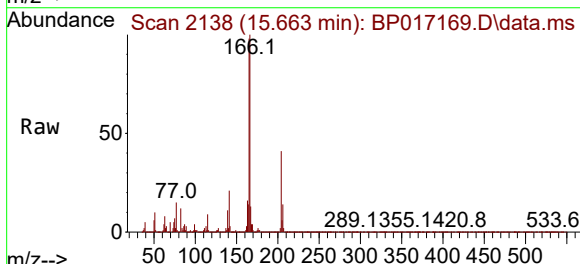
Tgt Ion:166 Resp: 1608269

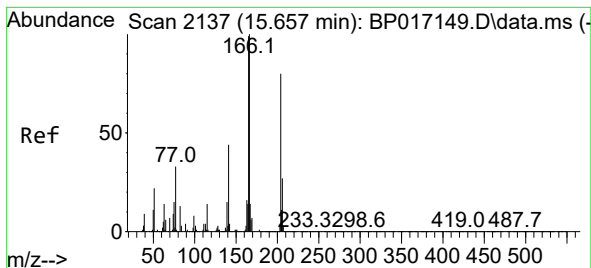
Ion Ratio Lower Upper

166 100

165 98.1 78.2 117.2

167 13.4 11.0 16.4

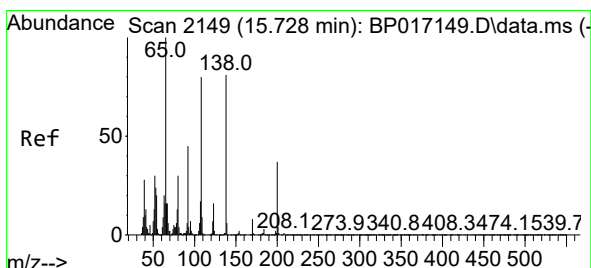
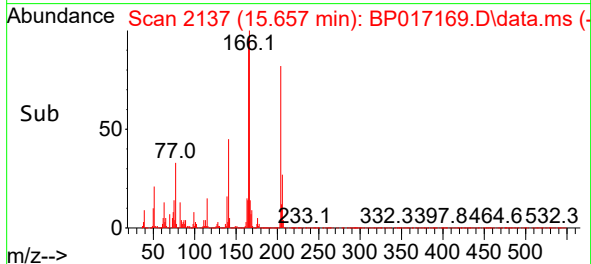
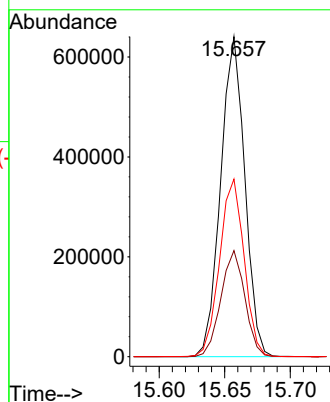
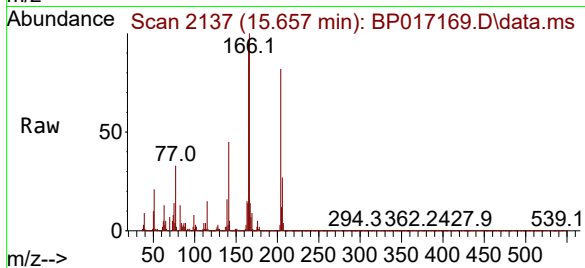




#62
4-Chlorophenyl-phenylether
Concen: 44.536 ng/ul
RT: 15.657 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BP017169.D
Acq: 14 Sep 2023 10:33

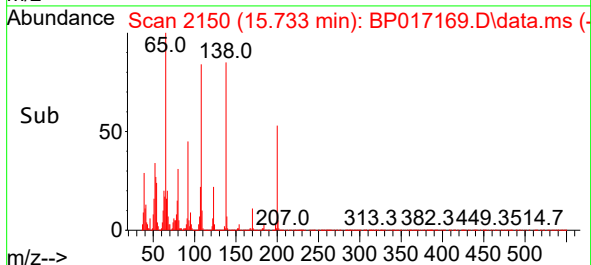
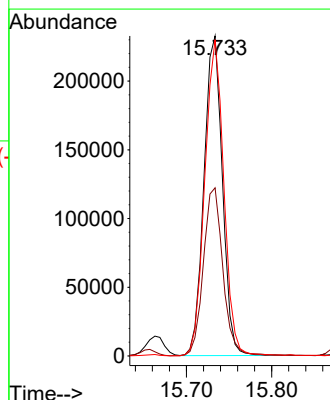
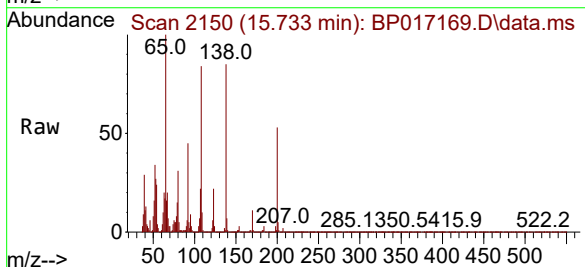
Instrument :
BNA_P
ClientSampleId :
SLCS433

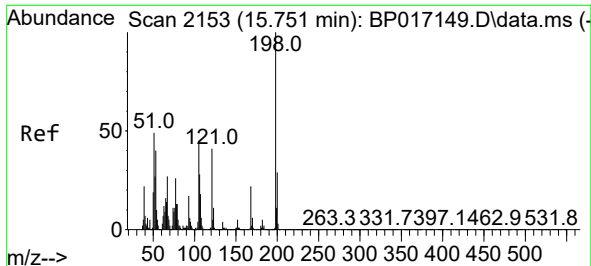
Tgt Ion:204 Resp: 819848
Ion Ratio Lower Upper
204 100
206 33.1 27.3 40.9
141 55.5 45.0 67.6



#63
4-Nitroaniline
Concen: 51.889 ng/ul
RT: 15.733 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BP017169.D
Acq: 14 Sep 2023 10:33

Tgt Ion:138 Resp: 349911
Ion Ratio Lower Upper
138 100
92 52.5 43.3 64.9
108 98.8 75.3 112.9

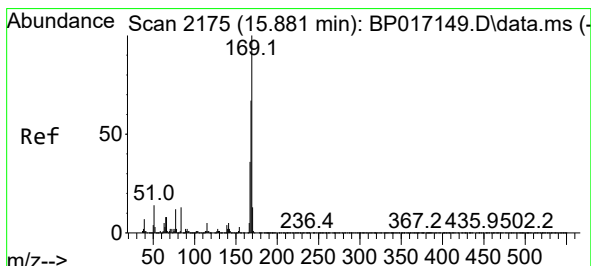
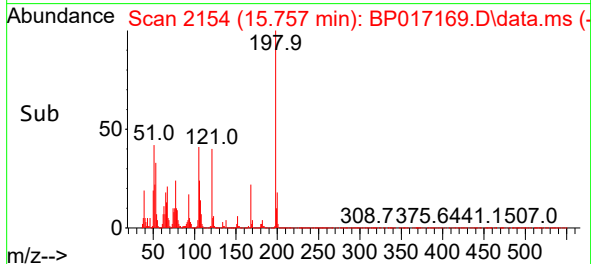
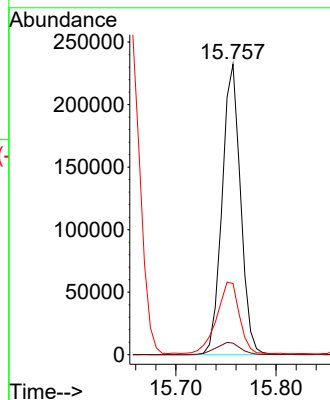
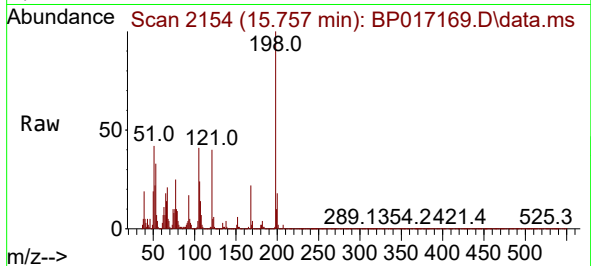




#66
4,6-Dinitro-2-methylphenol
Concen: 43.240 ng/ul
RT: 15.757 min Scan# 2153
Delta R.T. -0.000 min
Lab File: BP017169.D
Acq: 14 Sep 2023 10:33

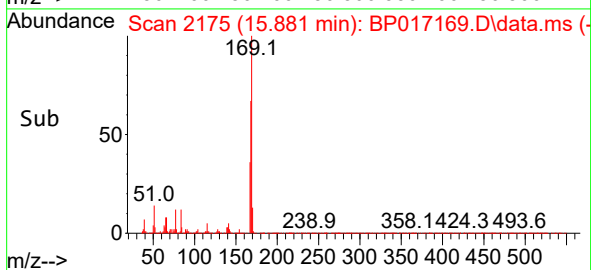
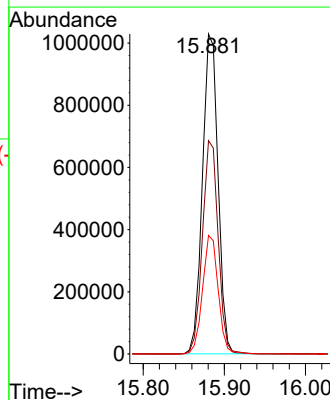
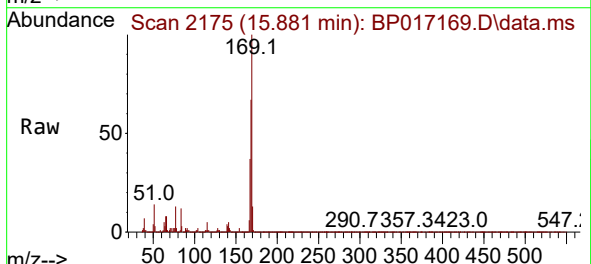
Instrument :
BNA_P
ClientSampleId :
SLCS433

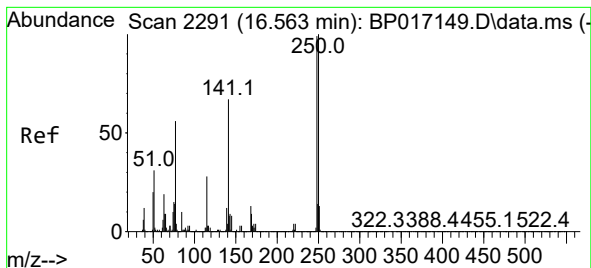
Tgt Ion:198 Resp: 296282
Ion Ratio Lower Upper
198 100
182 4.0 4.2 6.2#
77 24.5 22.5 33.7



#67
N-Nitrosodiphenylamine
Concen: 46.185 ng/ul
RT: 15.881 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BP017169.D
Acq: 14 Sep 2023 10:33

Tgt Ion:169 Resp: 1372360
Ion Ratio Lower Upper
169 100
168 66.6 52.7 79.1
167 37.1 29.0 43.4

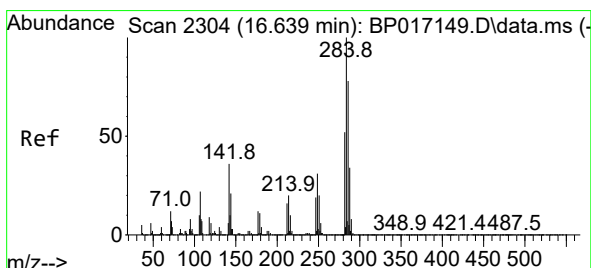
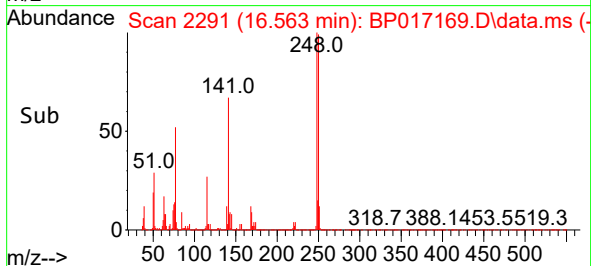
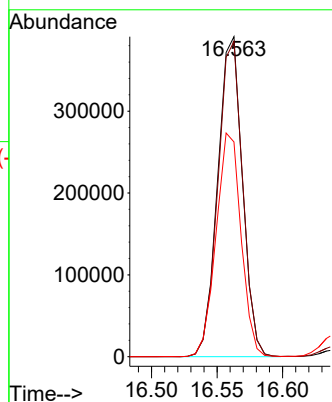
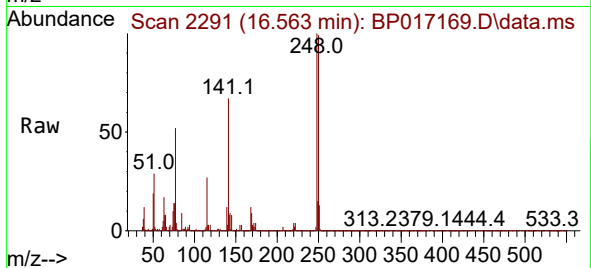




#68
4-Bromophenyl-phenylether
Concen: 47.059 ng/ul
RT: 16.563 min Scan# 2291
Delta R.T. 0.000 min
Lab File: BP017169.D
Acq: 14 Sep 2023 10:33

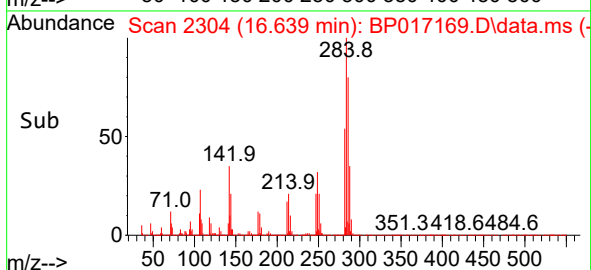
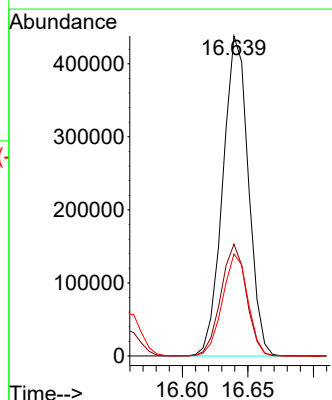
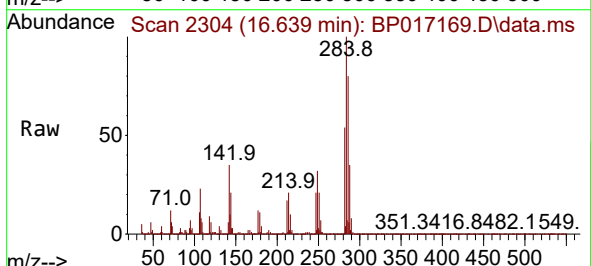
Instrument :
BNA_P
ClientSampleId :
SLCS433

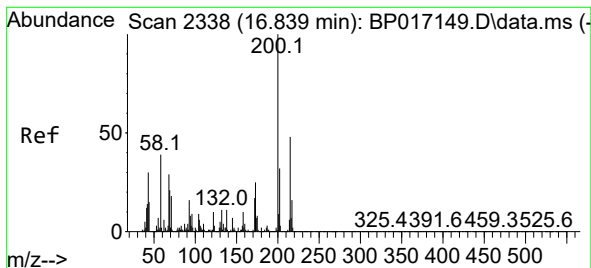
Tgt Ion:248 Resp: 512618
Ion Ratio Lower Upper
248 100
250 98.5 78.6 118.0
141 67.1 60.4 90.6



#69
Hexachlorobenzene
Concen: 46.061 ng/ul
RT: 16.639 min Scan# 2304
Delta R.T. -0.006 min
Lab File: BP017169.D
Acq: 14 Sep 2023 10:33

Tgt Ion:284 Resp: 593883
Ion Ratio Lower Upper
284 100
142 34.9 28.6 42.8
249 31.8 25.0 37.6





#70

Atrazine

Concen: 11.463 ng/ul

RT: 16.833 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP017169.D

Acq: 14 Sep 2023 10:33

Instrument :

BNA_P

ClientSampleId :

SLCS433

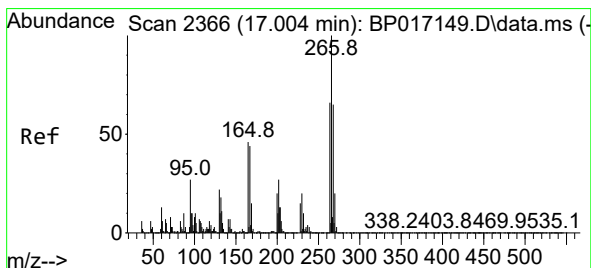
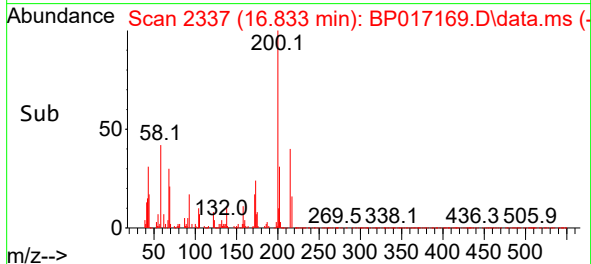
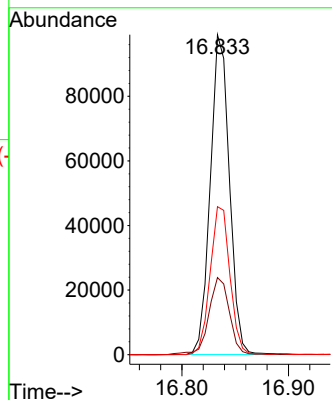
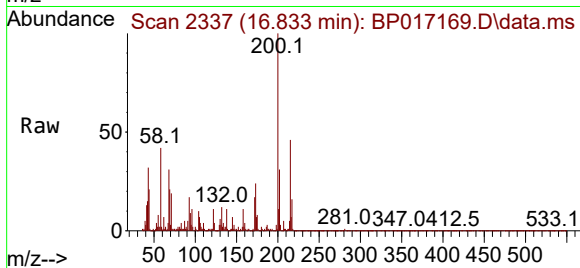
Tgt Ion:200 Resp: 123299

Ion Ratio Lower Upper

200 100

173 24.1 20.7 31.1

215 46.2 38.8 58.2



#71

Pentachlorophenol

Concen: 37.240 ng/ul

RT: 17.004 min Scan# 2366

Delta R.T. -0.006 min

Lab File: BP017169.D

Acq: 14 Sep 2023 10:33

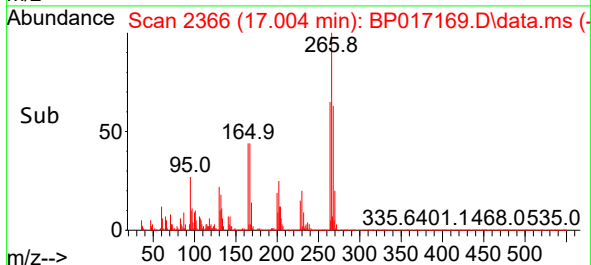
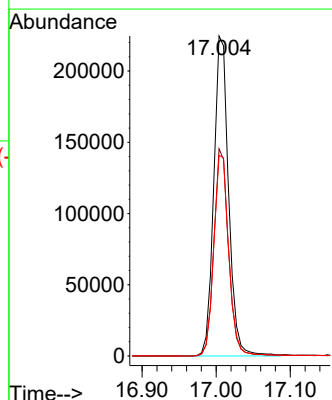
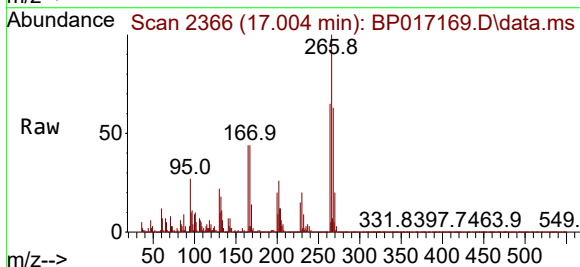
Tgt Ion:266 Resp: 312049

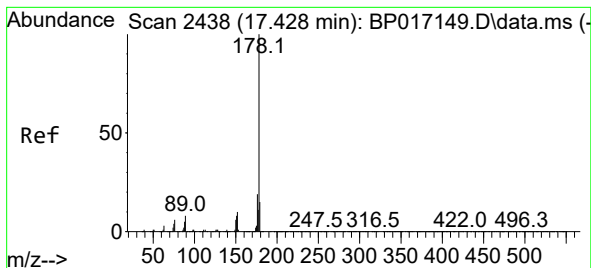
Ion Ratio Lower Upper

266 100

264 64.7 50.7 76.1

268 62.7 51.1 76.7





#72

Phenanthrene

Concen: 45.831 ng/ul

RT: 17.427 min Scan# 2438

Delta R.T. -0.006 min

Lab File: BP017169.D

Acq: 14 Sep 2023 10:33

Instrument :

BNA_P

ClientSampleId :

SLCS433

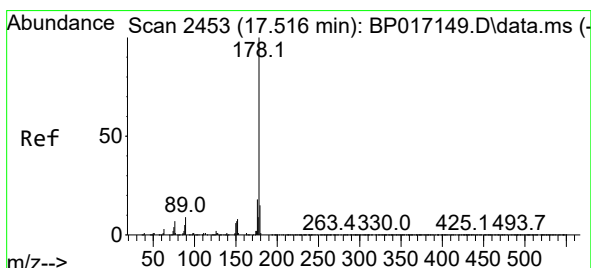
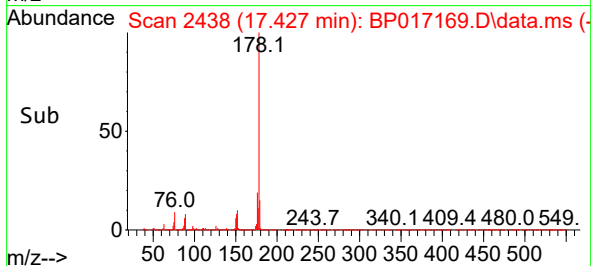
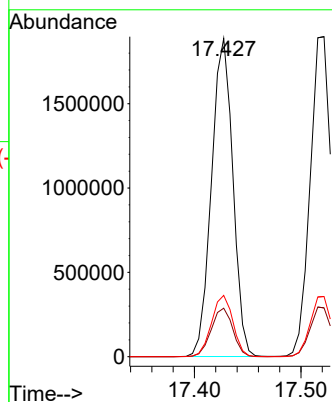
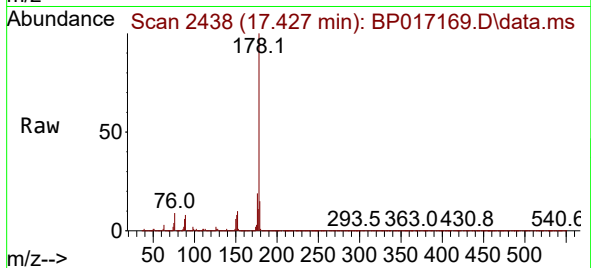
Tgt Ion:178 Resp: 2632046

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.2

176 19.3 15.6 23.4



#74

Anthracene

Concen: 45.608 ng/ul

RT: 17.522 min Scan# 2454

Delta R.T. 0.000 min

Lab File: BP017169.D

Acq: 14 Sep 2023 10:33

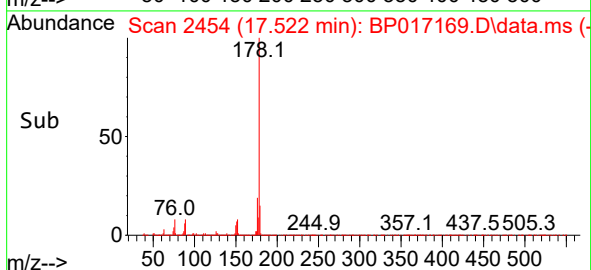
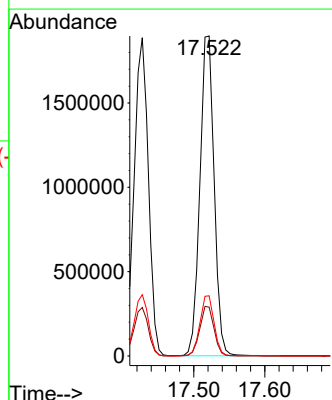
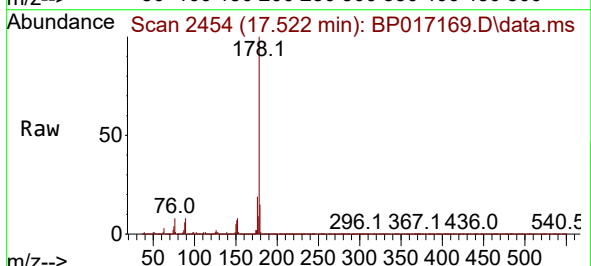
Tgt Ion:178 Resp: 2652793

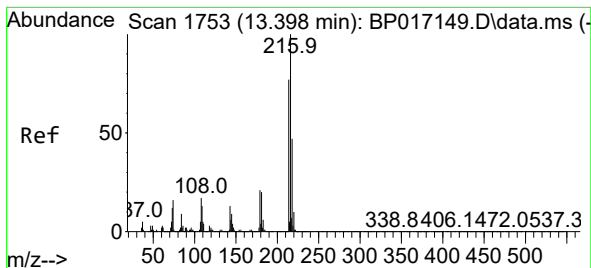
Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

176 18.8 14.9 22.3





#75

1,2,3,4-Tetrachlorobenzene

Concen: 4.276 ng/uL

RT: 13.392 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP017169.D

Acq: 14 Sep 2023 10:33

Instrument :

BNA_P

ClientSampleId :

SLCS433

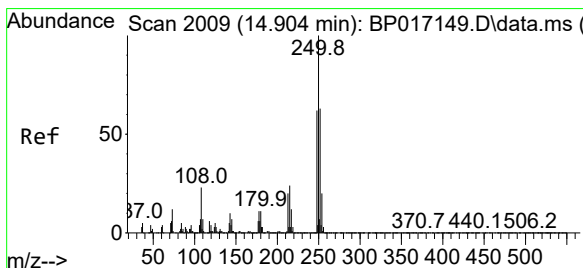
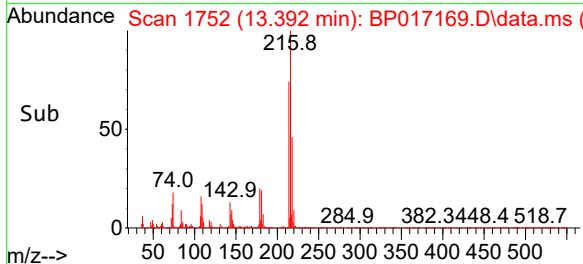
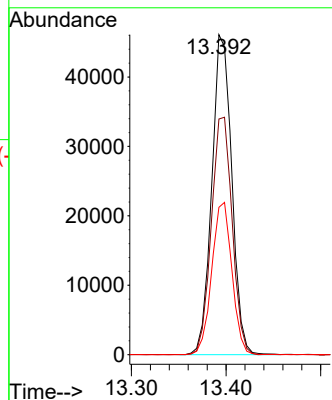
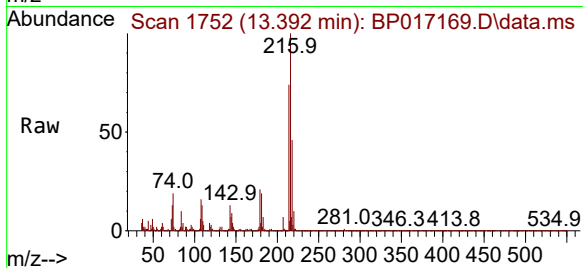
Tgt Ion:216 Resp: 67562

Ion Ratio Lower Upper

216 100

214 73.6 61.3 91.9

218 46.0 38.3 57.5



#76

Pentachlorobenzene

Concen: 47.769 ng/uL

RT: 14.904 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BP017169.D

Acq: 14 Sep 2023 10:33

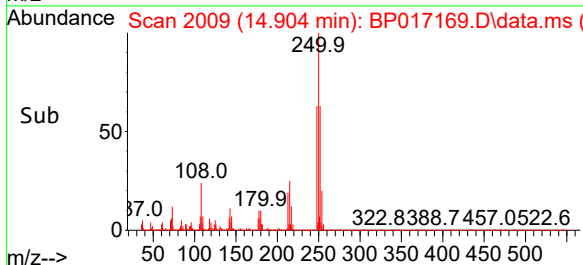
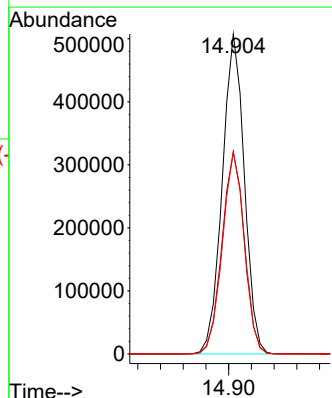
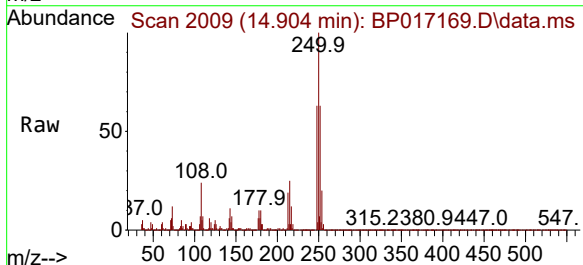
Tgt Ion:250 Resp: 684884

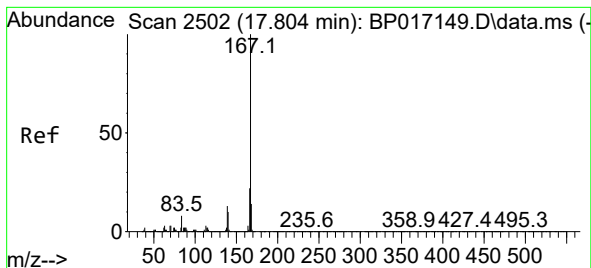
Ion Ratio Lower Upper

250 100

248 63.2 51.1 76.7

252 63.1 50.7 76.1





#77

Carbazole

Concen: 46.949 ng/ul

RT: 17.804 min Scan# 2502

Delta R.T. -0.006 min

Lab File: BP017169.D

Acq: 14 Sep 2023 10:33

Instrument :

BNA_P

ClientSampleId :

SLCS433

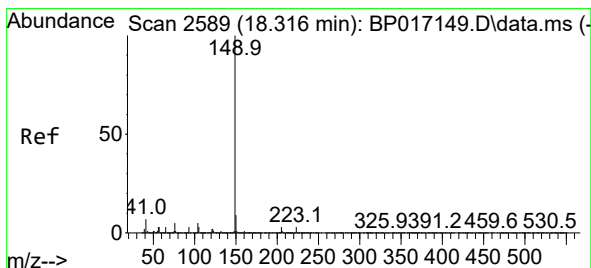
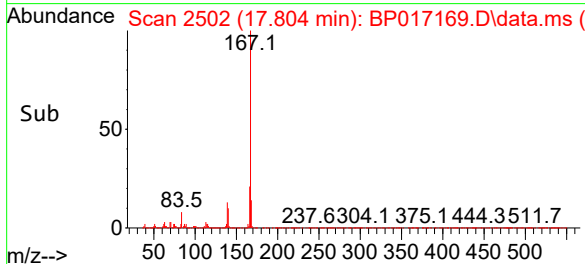
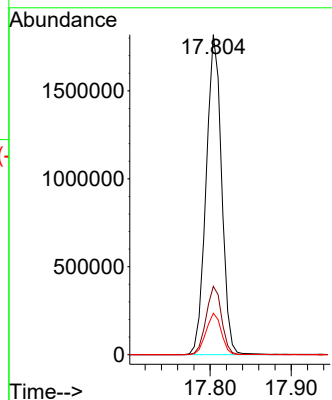
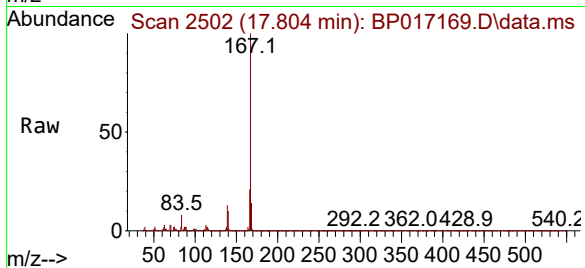
Tgt Ion:167 Resp: 2397846

Ion Ratio Lower Upper

167 100

166 21.4 17.0 25.6

139 13.0 10.4 15.6



#78

Di-n-butylphthalate

Concen: 50.037 ng/ul

RT: 18.316 min Scan# 2589

Delta R.T. -0.006 min

Lab File: BP017169.D

Acq: 14 Sep 2023 10:33

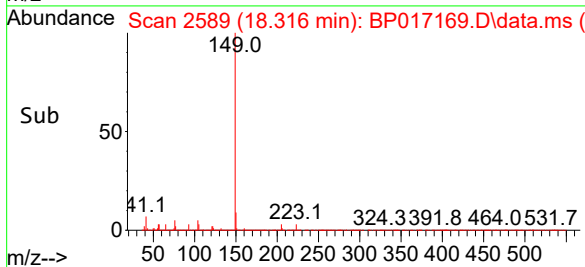
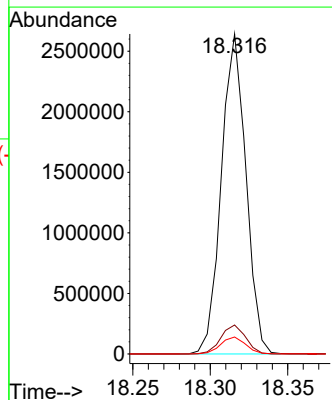
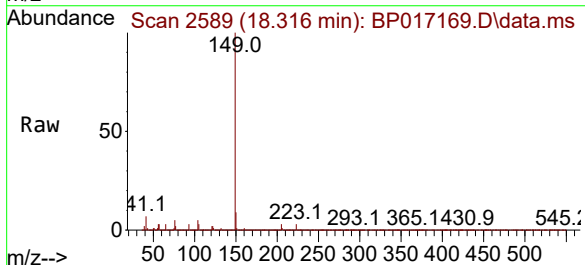
Tgt Ion:149 Resp: 2912156

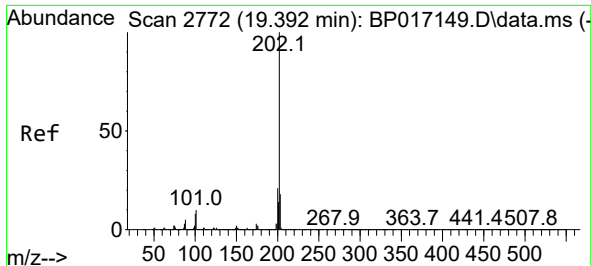
Ion Ratio Lower Upper

149 100

150 9.1 7.2 10.8

104 5.3 4.2 6.4

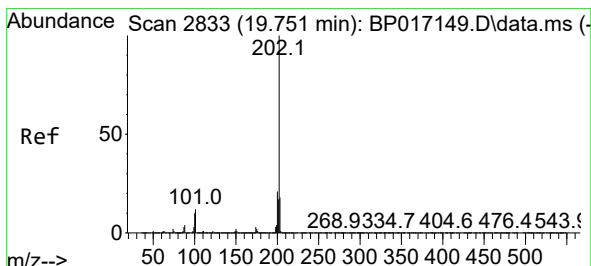
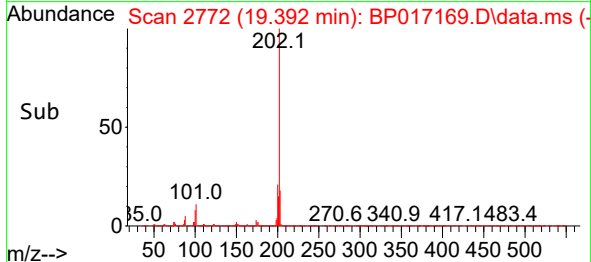
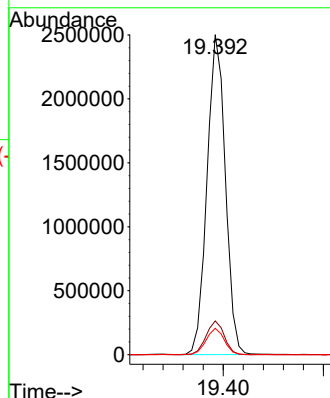
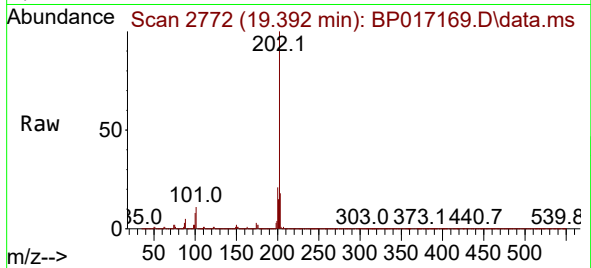




#80
Fluoranthene
Concen: 46.942 ng/ul
RT: 19.392 min Scan# 2772
Delta R.T. -0.006 min
Lab File: BP017169.D
Acq: 14 Sep 2023 10:33

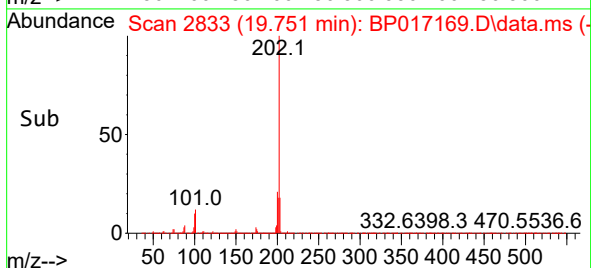
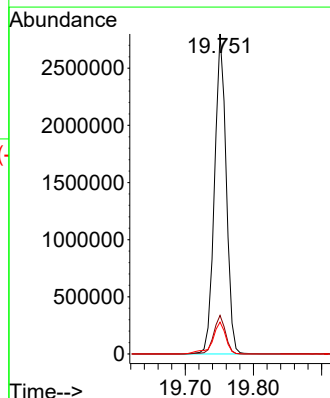
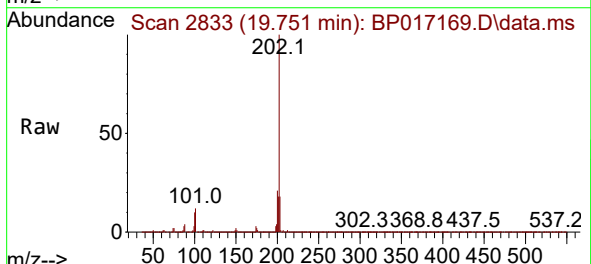
Instrument :
BNA_P
ClientSampleId :
SLCS433

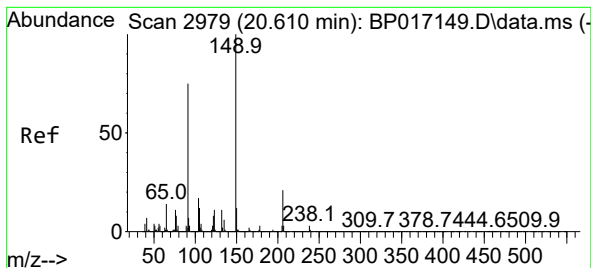
Tgt Ion:202 Resp: 3181889
Ion Ratio Lower Upper
202 100
101 10.5 8.3 12.5
100 8.3 6.4 9.6



#82
Pyrene
Concen: 46.563 ng/ul
RT: 19.751 min Scan# 2833
Delta R.T. -0.006 min
Lab File: BP017169.D
Acq: 14 Sep 2023 10:33

Tgt Ion:202 Resp: 3334921
Ion Ratio Lower Upper
202 100
101 12.1 9.7 14.5
100 10.0 7.8 11.8





#83

Butylbenzylphthalate

Concen: 52.547 ng/ul

RT: 20.610 min Scan# 2979

Delta R.T. -0.006 min

Lab File: BP017169.D

Acq: 14 Sep 2023 10:33

Instrument :

BNA_P

ClientSampleId :

SLCS433

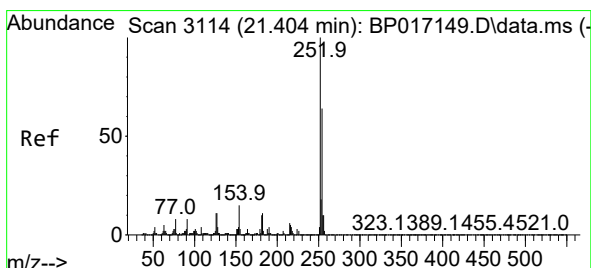
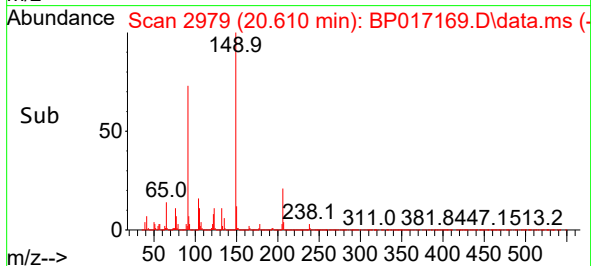
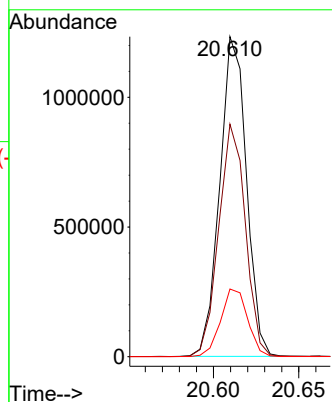
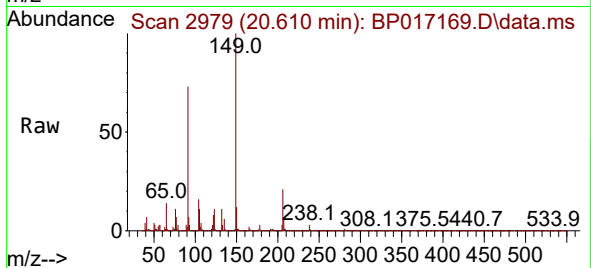
Tgt Ion:149 Resp: 1342256

Ion Ratio Lower Upper

149 100

91 72.6 57.4 86.0

206 21.2 16.7 25.1



#84

3,3'-Dichlorobenzidine

Concen: 47.401 ng/ul

RT: 21.410 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BP017169.D

Acq: 14 Sep 2023 10:33

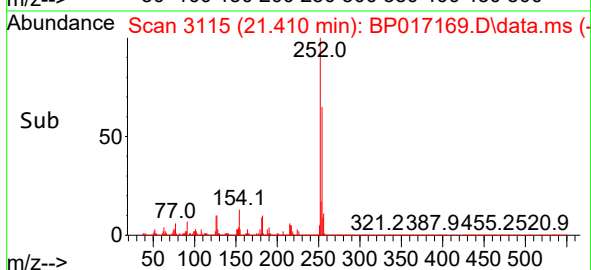
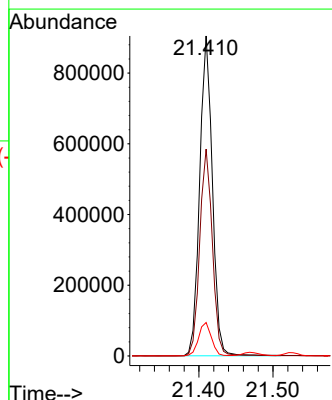
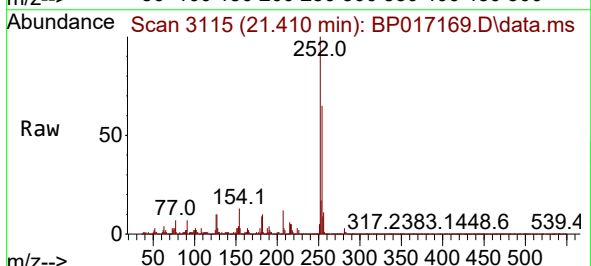
Tgt Ion:252 Resp: 1074584

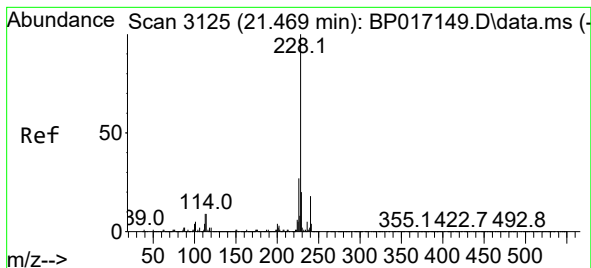
Ion Ratio Lower Upper

252 100

254 64.7 51.4 77.2

126 10.4 9.4 14.2





#85

Benzo(a)anthracene

Concen: 45.463 ng/ul

RT: 21.468 min Scan# 3125

Delta R.T. -0.000 min

Lab File: BP017169.D

Acq: 14 Sep 2023 10:33

Instrument :

BNA_P

ClientSampleId :

SLCS433

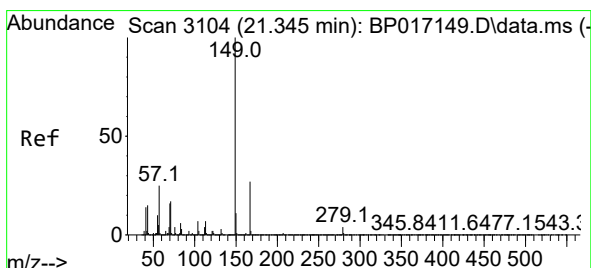
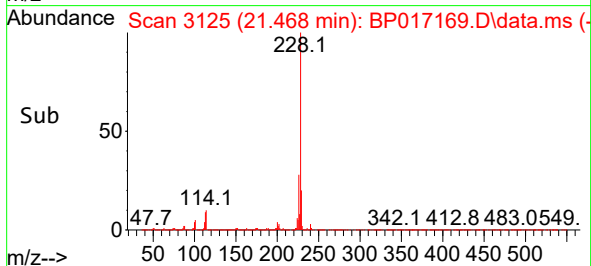
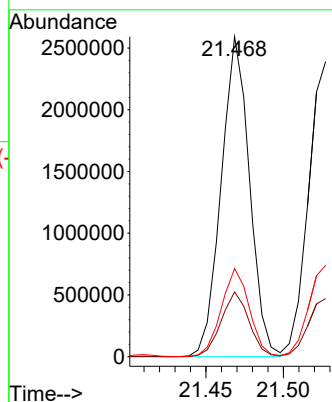
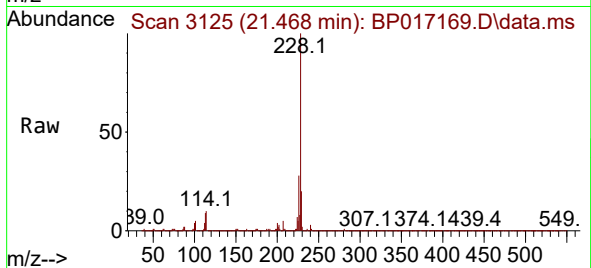
Tgt Ion:228 Resp: 3291620

Ion Ratio Lower Upper

228 100

229 20.3 16.1 24.1

226 27.5 22.2 33.4



#86

Bis(2-ethylhexyl)phthalate

Concen: 53.452 ng/ul

RT: 21.345 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BP017169.D

Acq: 14 Sep 2023 10:33

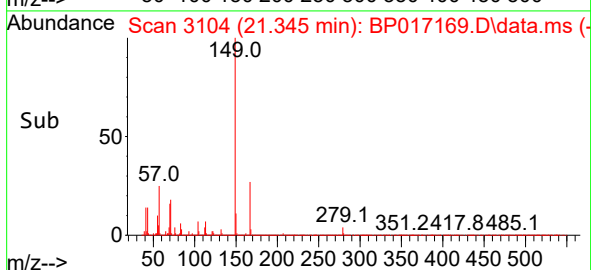
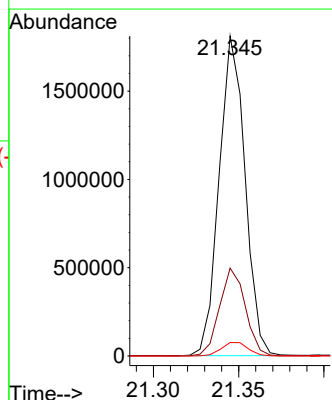
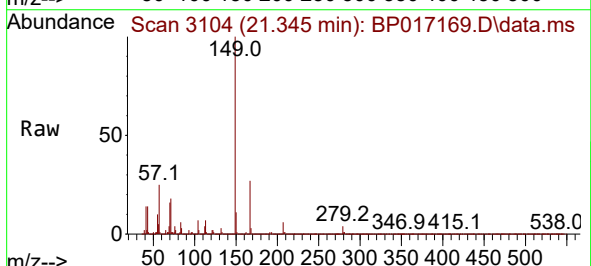
Tgt Ion:149 Resp: 1916685

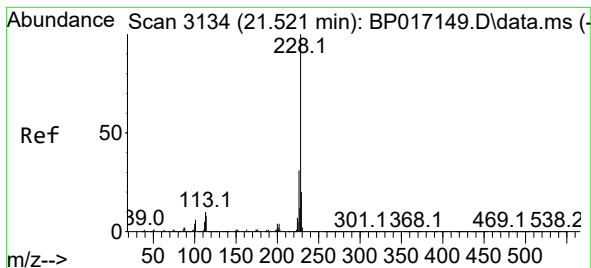
Ion Ratio Lower Upper

149 100

167 27.4 21.3 31.9

279 4.2 3.4 5.2





#87

Chrysene

Concen: 45.681 ng/ul

RT: 21.527 min Scan# 3134

Delta R.T. -0.000 min

Lab File: BP017169.D

Acq: 14 Sep 2023 10:33

Instrument :

BNA_P

ClientSampleId :

SLCS433

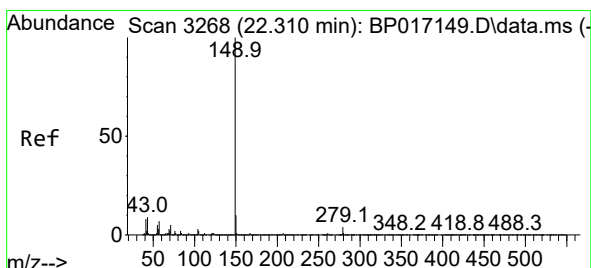
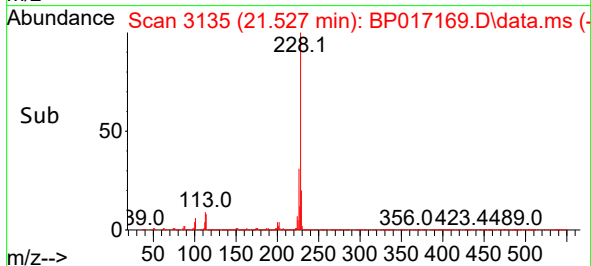
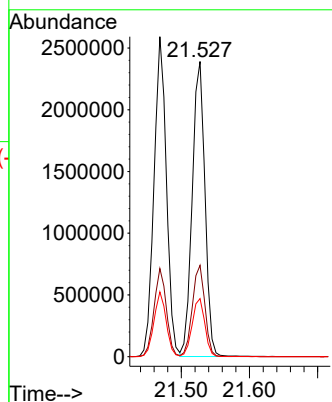
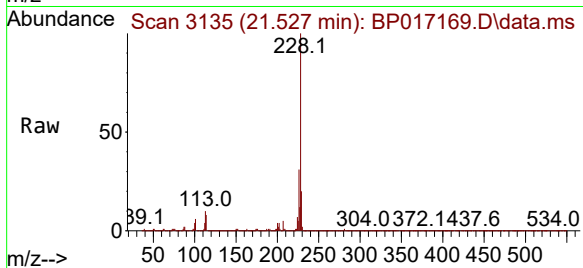
Tgt Ion:228 Resp: 3076561

Ion Ratio Lower Upper

228 100

226 30.9 23.9 35.9

229 19.7 15.3 22.9



#89

Di-n-octyl phthalate

Concen: 53.252 ng/ul

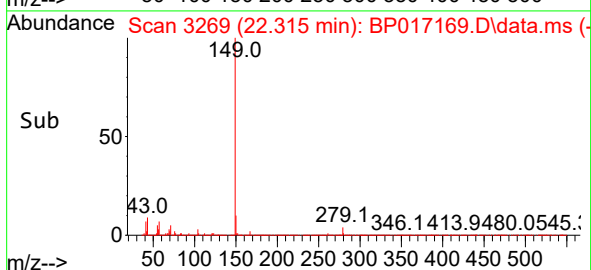
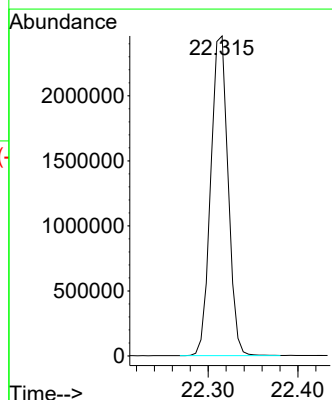
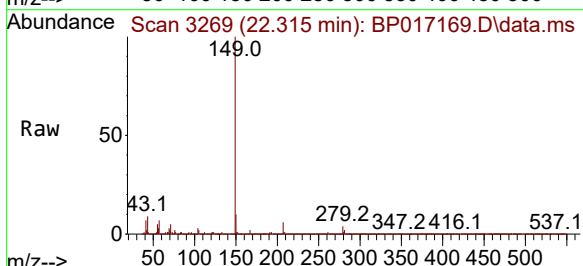
RT: 22.315 min Scan# 3269

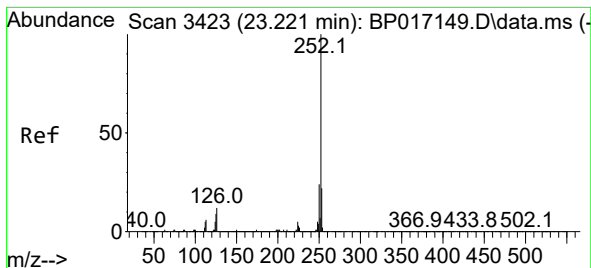
Delta R.T. 0.000 min

Lab File: BP017169.D

Acq: 14 Sep 2023 10:33

Tgt Ion:149 Resp: 3304116





#90

Benzo(b)fluoranthene

Concen: 47.077 ng/ul

RT: 23.227 min Scan# 3423

Delta R.T. 0.000 min

Lab File: BP017169.D

Acq: 14 Sep 2023 10:33

Instrument :

BNA_P

ClientSampleId :

SLCS433

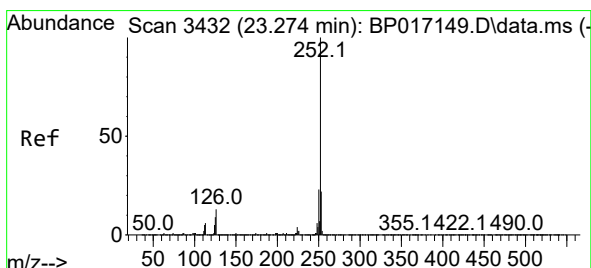
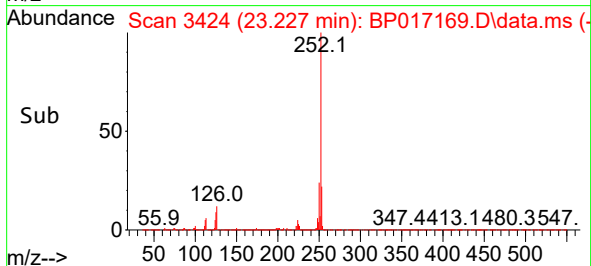
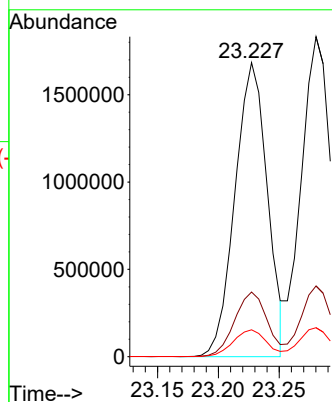
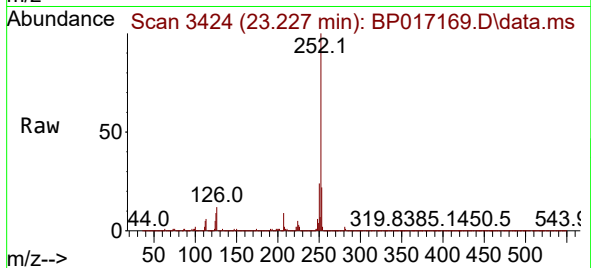
Tgt Ion:252 Resp: 3105100

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

125 9.1 7.5 11.3



#91

Benzo(k)fluoranthene

Concen: 48.313 ng/ul

RT: 23.280 min Scan# 3433

Delta R.T. -0.000 min

Lab File: BP017169.D

Acq: 14 Sep 2023 10:33

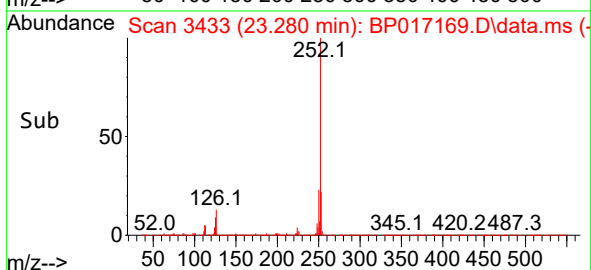
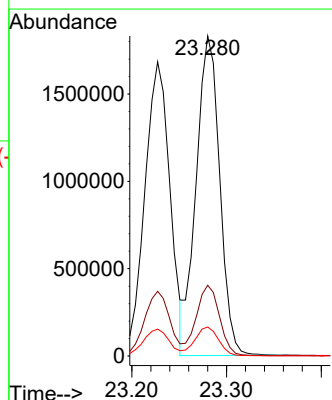
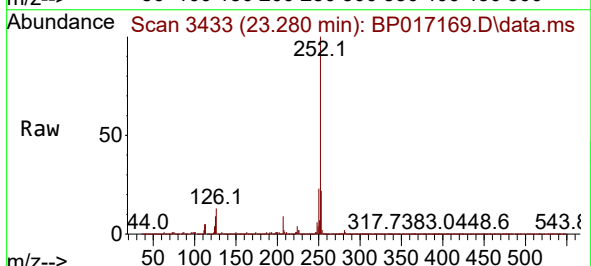
Tgt Ion:252 Resp: 3167922

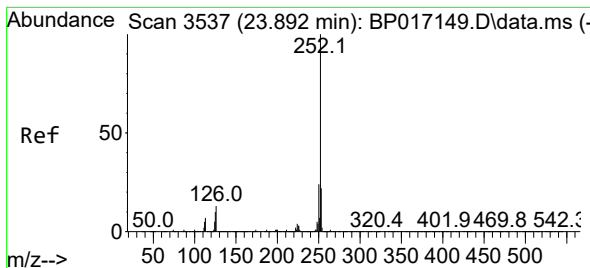
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 9.1 7.4 11.2





#93

Benzo(a)pyrene

Concen: 44.954 ng/ul

RT: 23.904 min Scan# 3539

Delta R.T. 0.000 min

Lab File: BP017169.D

Acq: 14 Sep 2023 10:33

Instrument :

BNA_P

ClientSampleId :

SLCS433

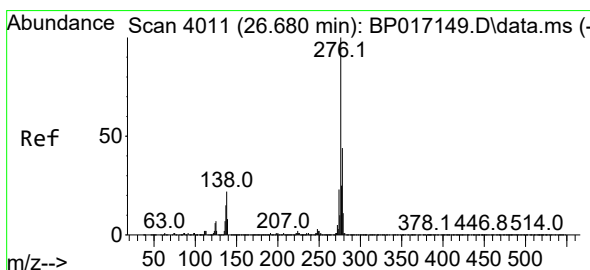
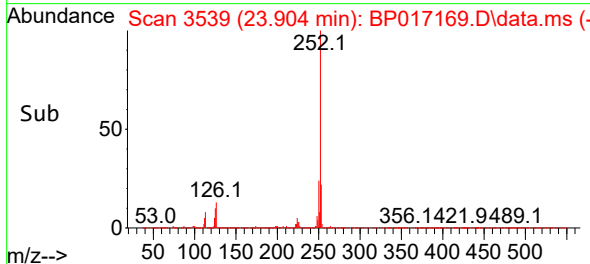
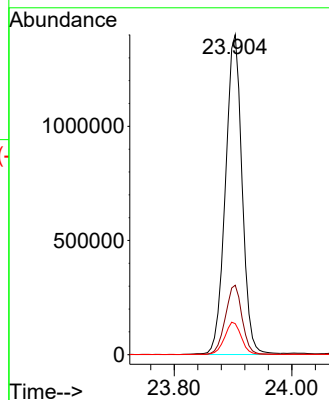
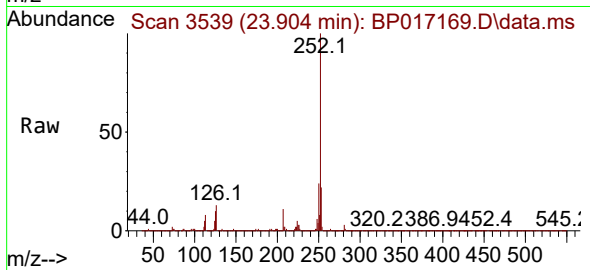
Tgt Ion:252 Resp: 2750858

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 9.7 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 47.533 ng/ul

RT: 26.698 min Scan# 4014

Delta R.T. -0.000 min

Lab File: BP017169.D

Acq: 14 Sep 2023 10:33

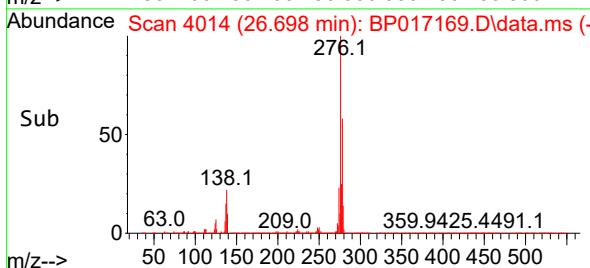
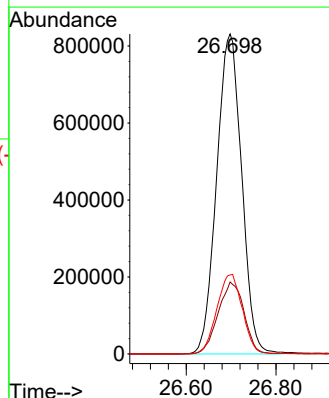
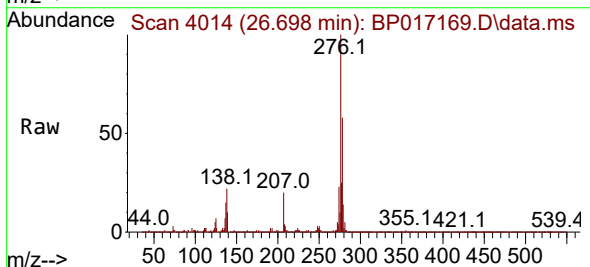
Tgt Ion:276 Resp: 3220939

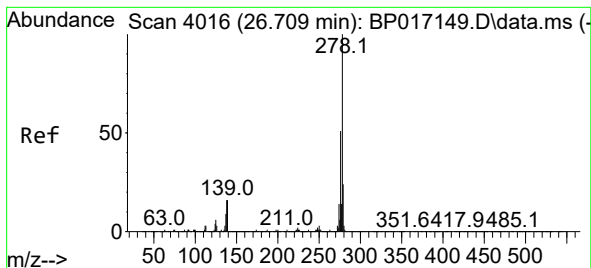
Ion Ratio Lower Upper

276 100

138 22.5 17.5 26.3

277 24.7 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 47.677 ng/ul

RT: 26.721 min Scan# 4016

Delta R.T. 0.000 min

Lab File: BP017169.D

Acq: 14 Sep 2023 10:33

Instrument :

BNA_P

ClientSampleId :

SLCS433

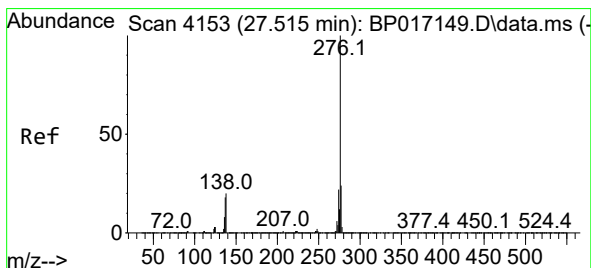
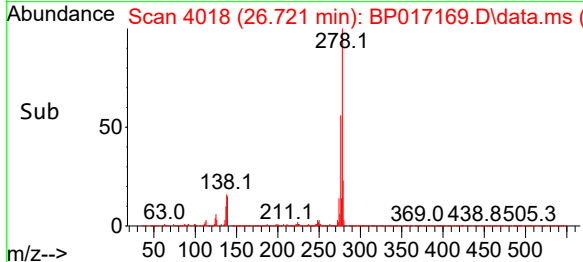
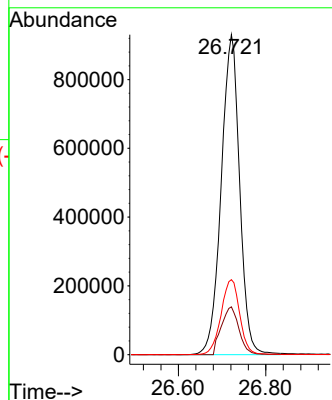
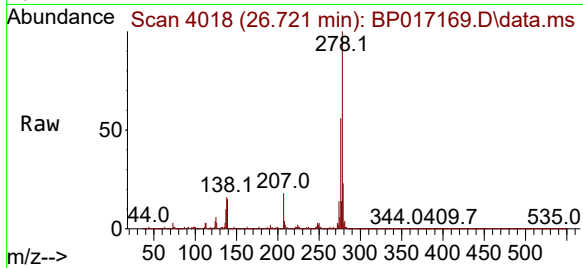
Tgt Ion:278 Resp: 2713838

Ion Ratio Lower Upper

278 100

139 14.9 11.9 17.9

279 23.5 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 48.077 ng/ul

RT: 27.533 min Scan# 4156

Delta R.T. -0.000 min

Lab File: BP017169.D

Acq: 14 Sep 2023 10:33

Tgt Ion:276 Resp: 2519123

Ion Ratio Lower Upper

276 100

138 19.9 16.2 24.4

277 23.9 19.6 29.4

