

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101123\
 Data File : BP017649.D
 Acq On : 11 Oct 2023 16:20
 Operator : MA/JU
 Sample : PB156277BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS277

Quant Time: Oct 12 02:22:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 04:45:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	83738	20.000	ng/u1	0.00
20) Naphthalene-d8	10.757	136	351058	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.622	164	243470	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.410	188	569825	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	630652	20.000	ng/u1	0.00
88) Perylene-d12	24.121	264	696855	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	14894	7.216	ng/uL	0.00
4) Pyridine-d5	3.711	84	209489	36.055	ng/u1	0.00
7) Phenol-d5	7.075	99	275441	38.896	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	169292	38.547	ng/u1	0.00
11) 2-Chlorophenol-d4	7.440	132	221677	39.796	ng/u1	0.00
15) 4-Methylphenol-d8	8.646	113	221842	38.892	ng/u1	0.00
21) Nitrobenzene-d5	9.134	128	106907	39.521	ng/u1	0.00
24) 2-Nitrophenol-d4	9.846	143	118537	39.899	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	234619	40.661	ng/u1	0.00
31) 4-Chloroaniline-d4	10.934	131	302773	36.842	ng/u1	0.00
46) Dimethylphthalate-d6	14.034	166	764428	39.544	ng/u1	0.00
49) Acenaphthylene-d8	14.316	160	826768	39.283	ng/u1	0.00
54) 4-Nitrophenol-d4	14.857	143	113117	38.608	ng/u1	0.00
60) Fluorene-d10	15.622	176	672205	39.762	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.769	200	138006	40.831	ng/u1	0.00
73) Anthracene-d10	17.510	188	1110635	40.613	ng/u1	0.00
81) Pyrene-d10	19.769	212	1417524	39.405	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.957	264	1510862	41.820	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	34679	15.796	ng/uL	98
5) Pyridine	3.734	79	205122	34.111	ng/u1	99
6) Benzaldehyde	7.081	77	148127	42.651	ng/u1	95
8) Phenol	7.104	94	279985	39.018	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.363	93	226806	39.306	ng/u1	99
12) 2-Chlorophenol	7.475	128	228605	40.193	ng/u1	98
13) 2-Methylphenol	8.375	108	208157	39.081	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.440	45	186453	24.668	ng/u1	96
16) Acetophenone	8.781	105	358106	39.970	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.746	70	184636	40.788	ng/u1	97
18) 4-Methylphenol	8.710	108	232294	39.956	ng/u1	98
19) Hexachloroethane	8.987	117	101819	40.643	ng/u1	98
22) Nitrobenzene	9.175	77	286645	40.191	ng/u1	99
23) Isophorone	9.687	82	500264	40.064	ng/u1	99
25) 2-Nitrophenol	9.881	139	132598	41.382	ng/u1	98
26) 2,4-Dimethylphenol	9.922	107	250351	38.243	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.181	93	306964	39.501	ng/u1	98
29) 2,4-Dichlorophenol	10.404	162	233023	40.868	ng/u1	99
30) Naphthalene	10.810	128	762658	39.028	ng/u1	99
32) 4-Chloroaniline	10.957	127	274814	34.395	ng/u1	98
33) Hexachlorobutadiene	11.034	225	176791	40.838	ng/u1	97
34) Caprolactam	11.787	113	62287	36.957	ng/u1	97
35) 4-Chloro-3-methylphenol	12.069	107	245912	41.232	ng/u1	99
36) 2-Methylnaphthalene	12.428	142	532626	39.934	ng/u1	98

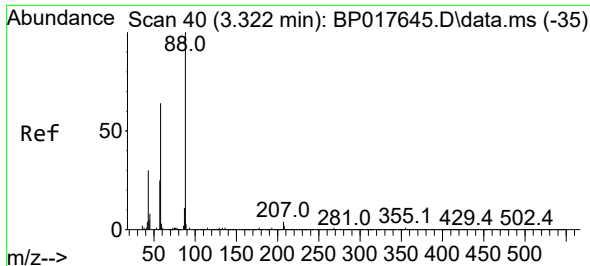
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.645	142	532462	38.725	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.781	216	323395	38.742	ng/ul	98
40) Hexachlorocyclopentadiene	12.722	237	144972	34.464	ng/ul	98
41) 2,4,6-Trichlorophenol	13.039	196	205108	40.038	ng/ul	98
42) 2,4,5-Trichlorophenol	13.116	196	214427	39.702	ng/ul	95
43) 1,1'-Biphenyl	13.445	154	734494	38.419	ng/ul	98
44) 2-Chloronaphthalene	13.492	162	587137	38.214	ng/ul	98
45) 2-Nitroaniline	13.739	65	168932	41.962	ng/ul	99
47) Dimethylphthalate	14.081	163	777992	40.066	ng/ul	99
48) 2,6-Dinitrotoluene	14.234	165	147547	41.749	ng/ul	99
50) Acenaphthylene	14.345	152	964727	39.813	ng/ul	99
51) 3-Nitroaniline	14.581	138	138496	42.245	ng/ul	96
52) Acenaphthene	14.686	153	641623	39.142	ng/ul	97
53) 2,4-Dinitrophenol	14.786	184	67882	30.685	ng/ul	97
55) 4-Nitrophenol	14.875	109	116569	43.461	ng/ul	89
56) Dibenzofuran	15.022	168	932244	39.644	ng/ul	96
57) 2,4-Dinitrotoluene	15.028	165	231542	43.390	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.245	232	206948	42.153	ng/ul	96
59) Diethylphthalate	15.445	149	804542	41.371	ng/ul	99
61) Fluorene	15.681	166	770649	39.931	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.675	204	407787	39.746	ng/ul	98
63) 4-Nitroaniline	15.757	138	145391	47.400	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.781	198	151738	42.077	ng/ul#	97
67) N-Nitrosodiphenylamine	15.904	169	657876	40.957	ng/ul	99
68) 4-Bromophenyl-phenylether	16.580	248	264910	41.044	ng/ul	96
69) Hexachlorobenzene	16.663	284	315489	41.038	ng/ul	97
70) Atrazine	16.869	200	227380	36.370	ng/ul	99
71) Pentachlorophenol	17.033	266	176924	39.464	ng/ul	96
72) Phenanthrene	17.451	178	1295858	40.670	ng/ul	100
74) Anthracene	17.545	178	1313887	40.826	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.398	216	318755	37.204	ng/uL	96
76) Pentachlorobenzene	14.916	250	321705	36.831	ng/uL	100
77) Carbazole	17.839	167	1182414	41.638	ng/ul	99
78) Di-n-butylphthalate	18.351	149	1387553	42.472	ng/ul	100
80) Fluoranthene	19.433	202	1646589	39.483	ng/ul	99
82) Pyrene	19.792	202	1737233	39.456	ng/ul	99
83) Butylbenzylphthalate	20.669	149	639907	41.126	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.474	252	540774	40.878	ng/ul	99
85) Benzo(a)anthracene	21.533	228	1884274	41.253	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	915983	41.804	ng/ul	99
87) Chrysene	21.592	228	1742970	40.833	ng/ul	99
89) Di-n-octyl phthalate	22.398	149	1569587	38.019	ng/ul	100
90) Benzo(b)fluoranthene	23.321	252	1903527	42.233	ng/ul	100
91) Benzo(k)fluoranthene	23.374	252	1859465	40.936	ng/ul	99
93) Benzo(a)pyrene	24.009	252	1768611	42.182	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.856	276	2110142	42.098	ng/ul	99
95) Dibenzo(a,h)anthracene	26.886	278	1749447	42.619	ng/ul	98
96) Benzo(g,h,i)perylene	27.715	276	1736898	42.520	ng/ul	97

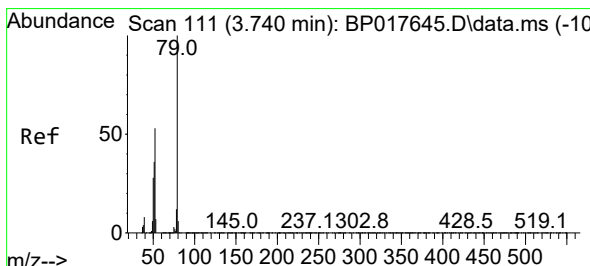
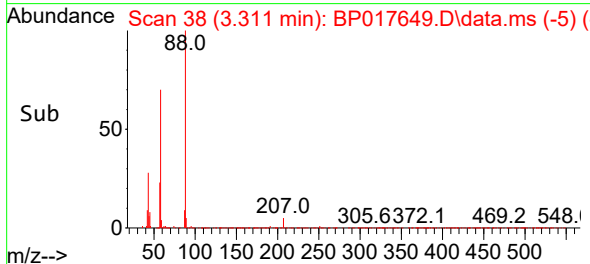
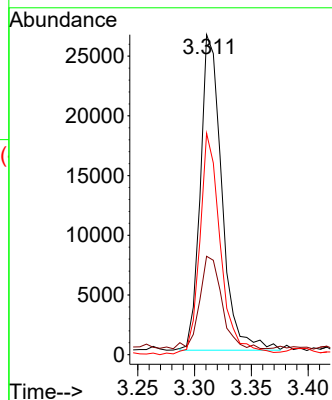
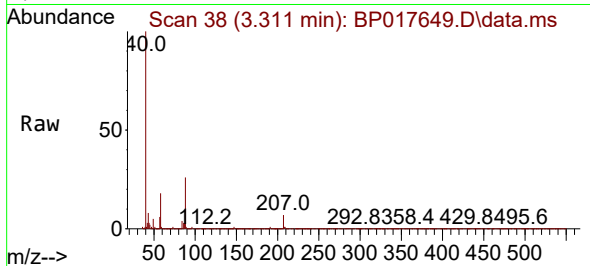
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#2
1,4-Dioxane
Concen: 15.796 ng/uL
RT: 3.311 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

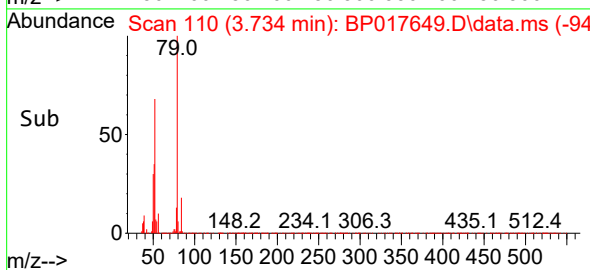
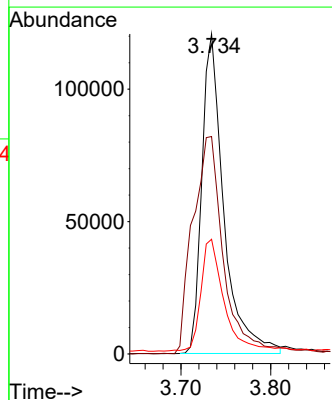
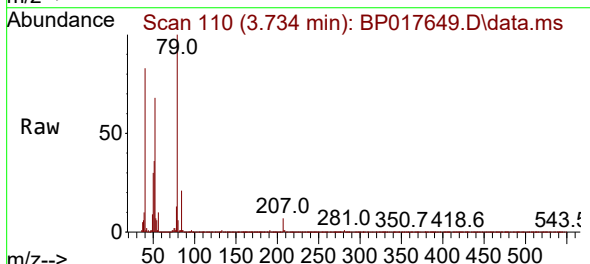
Instrument :
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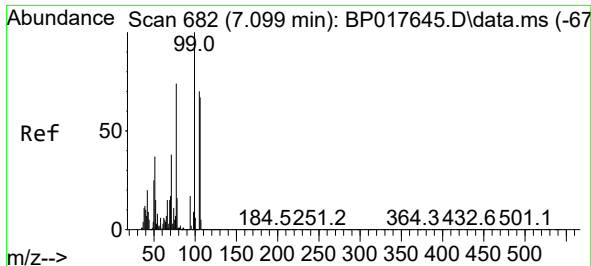
Tgt Ion:	88	Resp:	34679
Ion	Ratio	Lower	Upper
88	100		
43	30.7	24.3	36.5
58	69.2	53.4	80.0



#5
Pyridine
Concen: 34.111 ng/uL
RT: 3.734 min Scan# 110
Delta R.T. -0.006 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

Tgt Ion:	79	Resp:	205122
Ion	Ratio	Lower	Upper
79	100		
52	68.0	55.4	83.2
51	35.8	28.2	42.2

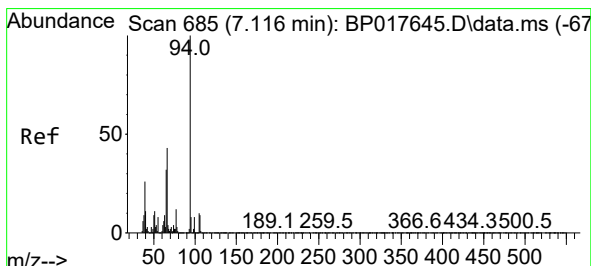
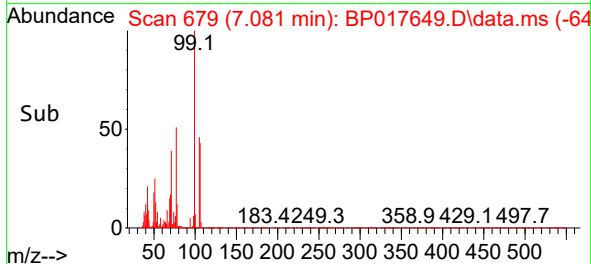
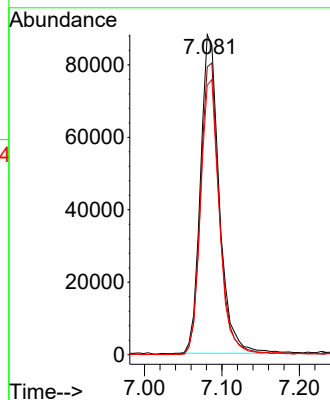
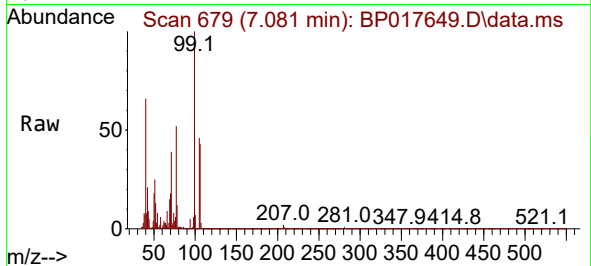




#6
Benzaldehyde
Concen: 42.651 ng/ul
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

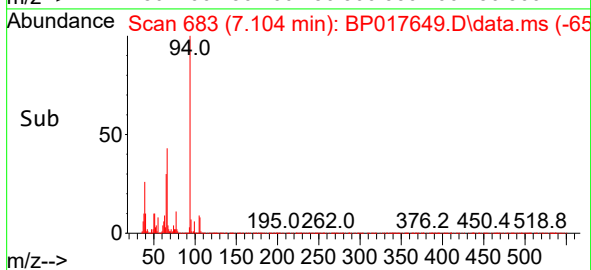
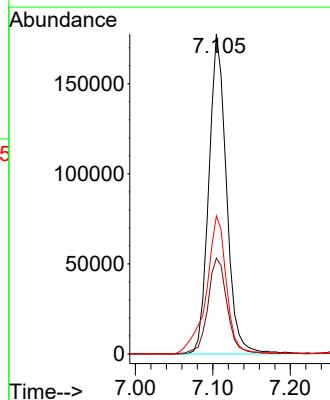
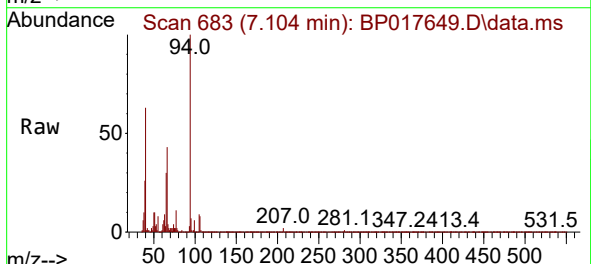
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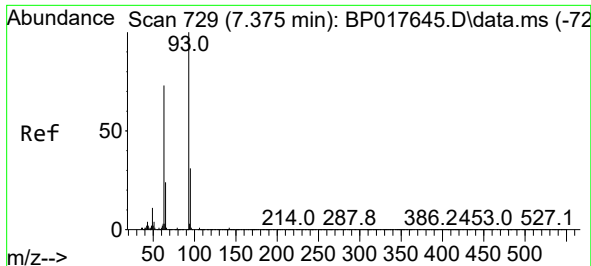
Tgt Ion: 77 Resp: 148127
Ion Ratio Lower Upper
77 100
105 90.0 75.0 112.6
106 84.2 71.8 107.6



#8
Phenol
Concen: 39.018 ng/ul
RT: 7.104 min Scan# 683
Delta R.T. -0.006 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

Tgt Ion: 94 Resp: 279985
Ion Ratio Lower Upper
94 100
65 29.9 24.2 36.4
66 43.2 33.0 49.4

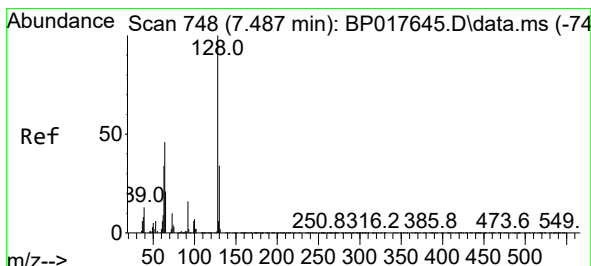
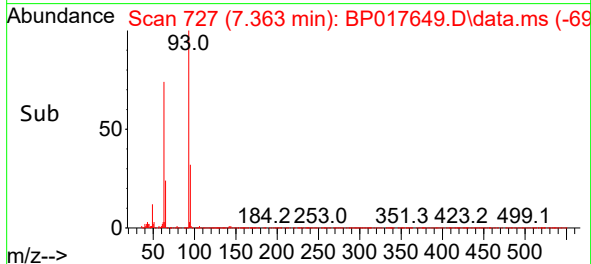
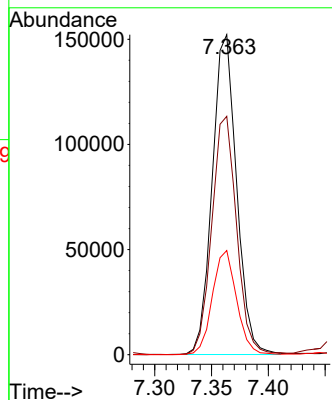
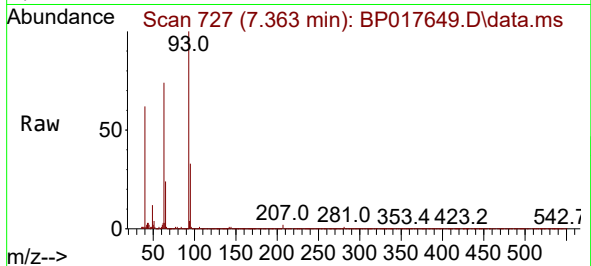




#10
Bis(2-Chloroethyl)ether
Concen: 39.306 ng/ul
RT: 7.363 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

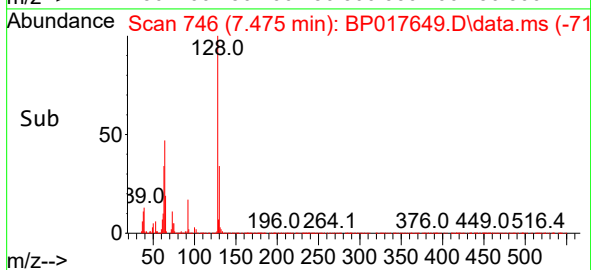
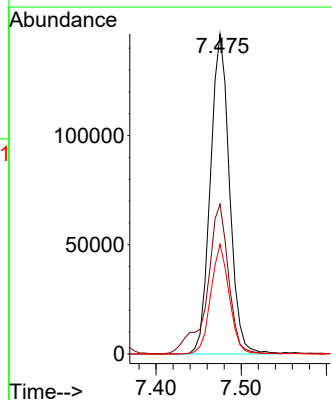
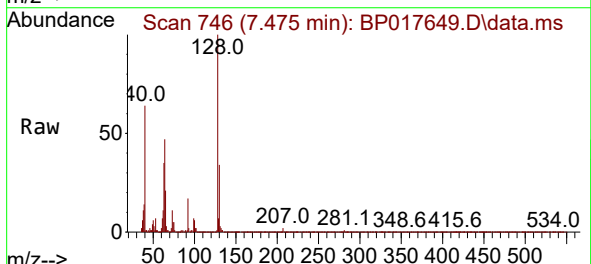
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ClientSampleId :
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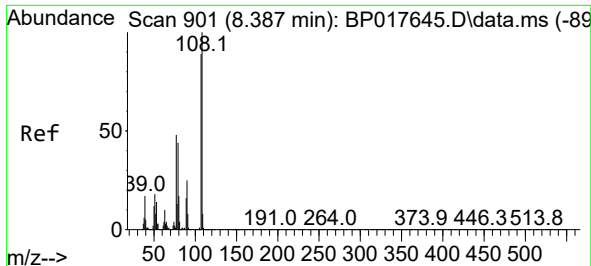
Tgt Ion: 93 Resp: 226806
Ion Ratio Lower Upper
93 100
63 74.5 59.9 89.9
95 32.5 27.2 40.8



#12
2-Chlorophenol
Concen: 40.193 ng/ul
RT: 7.475 min Scan# 746
Delta R.T. -0.006 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

Tgt Ion:128 Resp: 228605
Ion Ratio Lower Upper
128 100
64 46.8 37.0 55.4
130 34.3 25.8 38.6





#13

2-Methylphenol

Concen: 39.081 ng/ul

RT: 8.375 min Scan# 899

Delta R.T. -0.000 min

Lab File: BP017649.D

Acq: 11 Oct 2023 16:20

Instrument :

BNA_P

ClientSampleId :

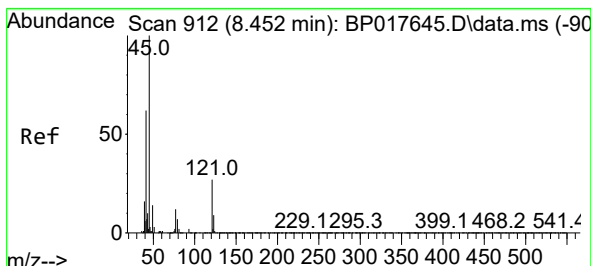
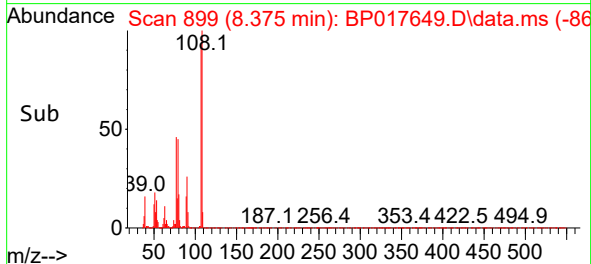
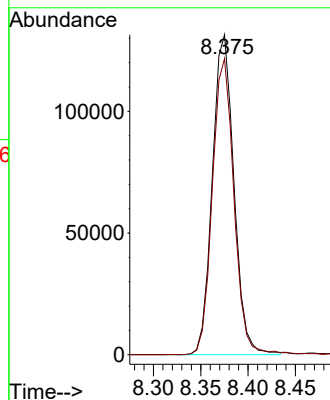
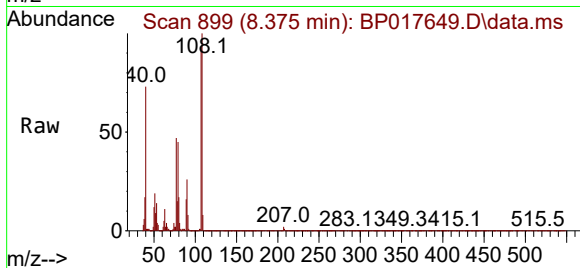
SLCS277

Tgt Ion:108 Resp: 208157

Ion Ratio Lower Upper

108 100

107 92.5 73.4 110.2



#14

2,2'-oxybis(1-Chloropropane)

Concen: 24.668 ng/ul

RT: 8.440 min Scan# 910

Delta R.T. -0.000 min

Lab File: BP017649.D

Acq: 11 Oct 2023 16:20

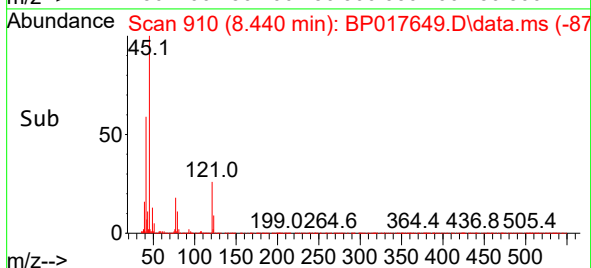
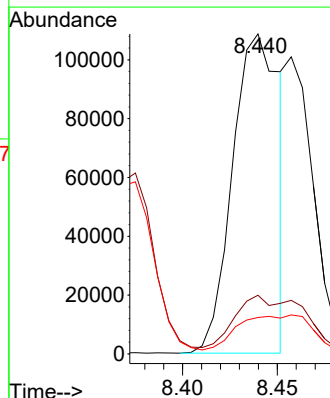
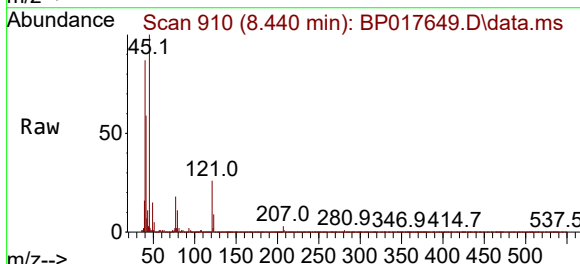
Tgt Ion: 45 Resp: 186453

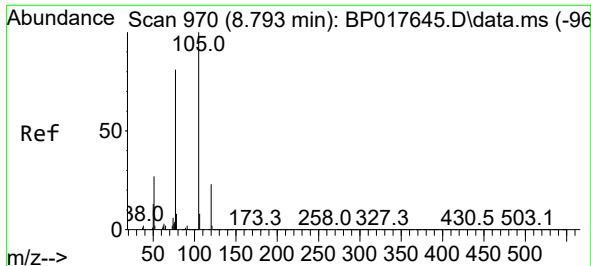
Ion Ratio Lower Upper

45 100

77 18.3 13.4 20.2

79 11.4 10.4 15.6

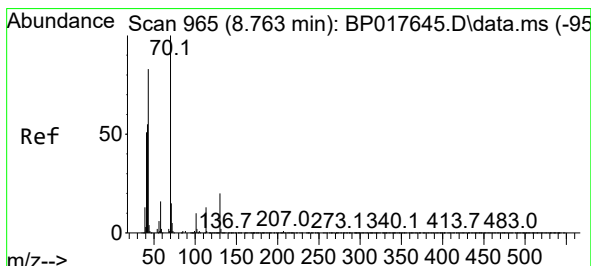
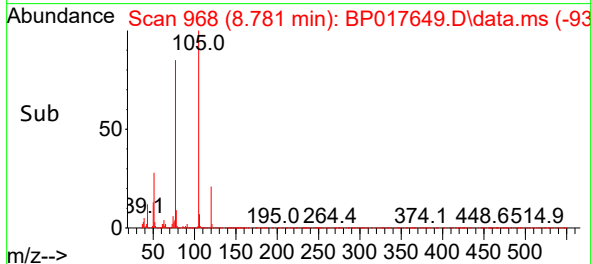
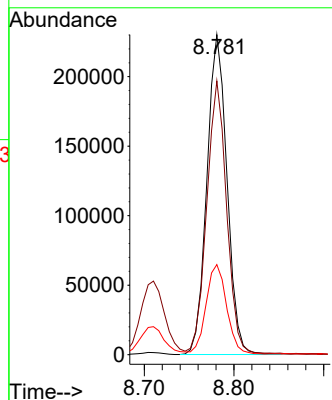
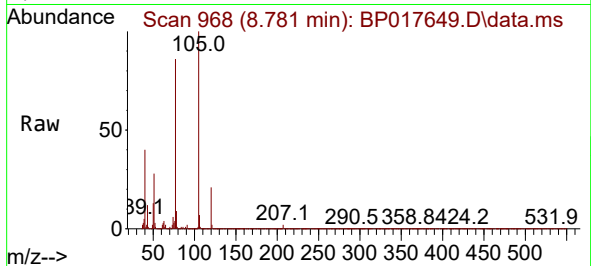




#16
Acetophenone
Concen: 39.970 ng/ul
RT: 8.781 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

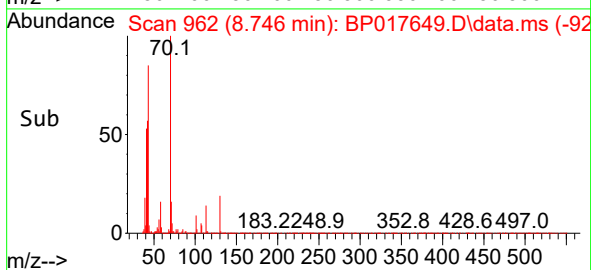
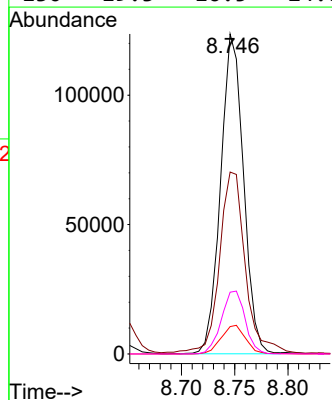
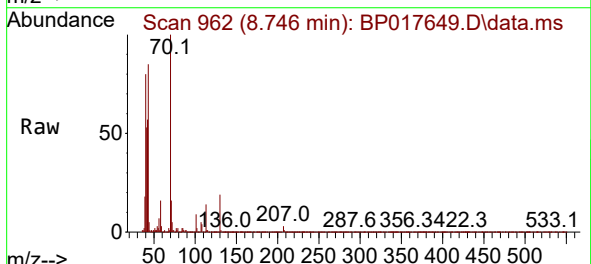
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SLCS277

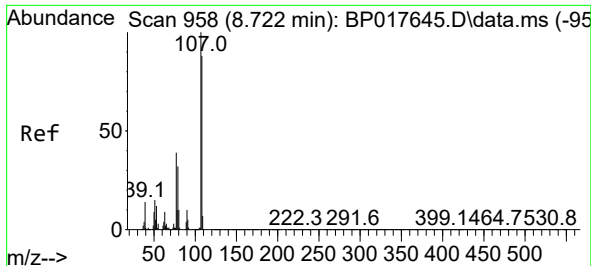
Tgt Ion:105 Resp: 358106
Ion Ratio Lower Upper
105 100
77 85.6 66.0 99.0
51 28.2 21.9 32.9



#17
N-Nitroso-di-n-propylamine
Concen: 40.788 ng/ul
RT: 8.746 min Scan# 962
Delta R.T. -0.006 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

Tgt Ion: 70 Resp: 184636
Ion Ratio Lower Upper
70 100
42 56.8 46.8 70.2
101 8.6 8.3 12.5
130 19.3 16.5 24.7

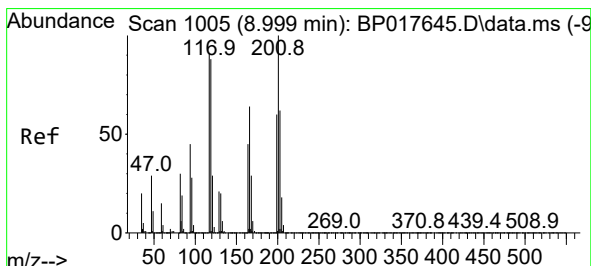
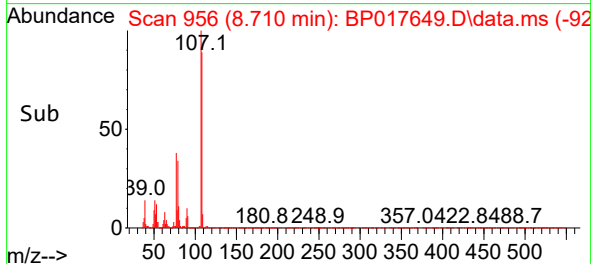
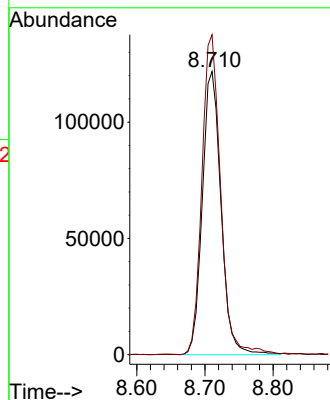
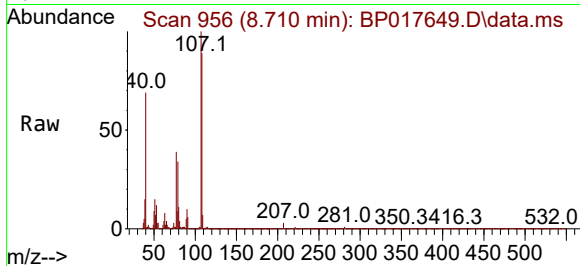




#18
4-Methylphenol
Concen: 39.956 ng/ul
RT: 8.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

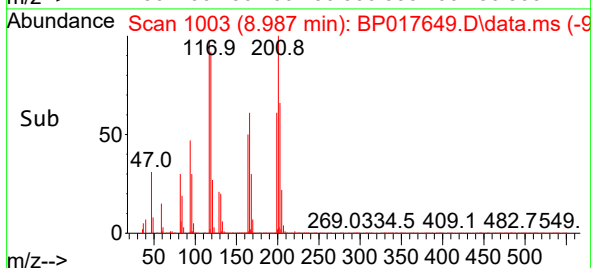
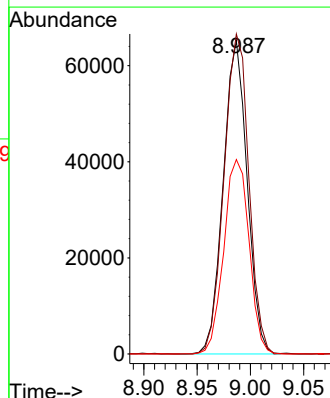
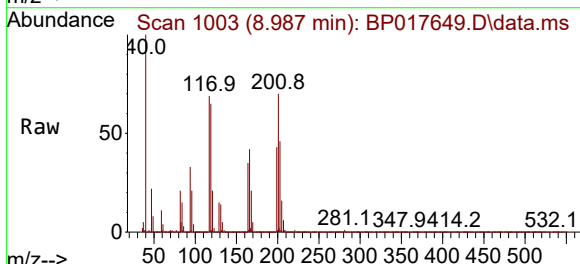
Instrument :
BNA_P
ClientSampleId :
SLCS277

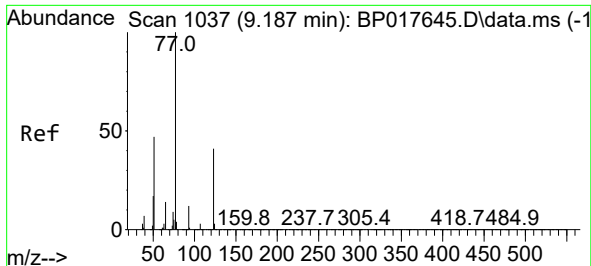
Tgt Ion:108 Resp: 232294
Ion Ratio Lower Upper
108 100
107 113.0 89.0 133.6



#19
Hexachloroethane
Concen: 40.643 ng/ul
RT: 8.987 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

Tgt Ion:117 Resp: 101819
Ion Ratio Lower Upper
117 100
201 102.1 80.9 121.3
199 62.0 52.0 78.0

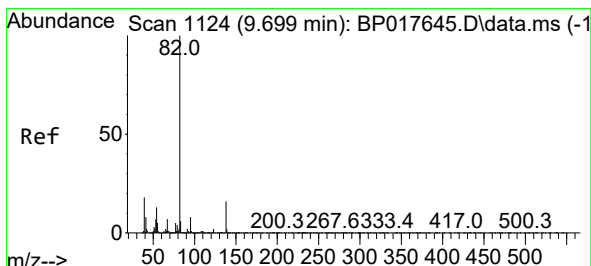
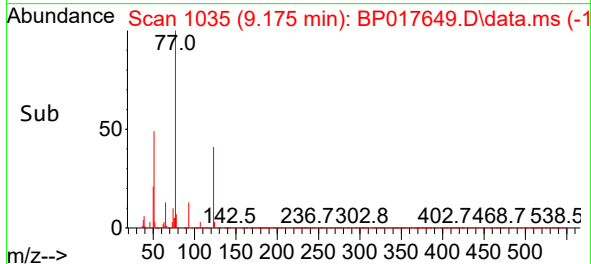
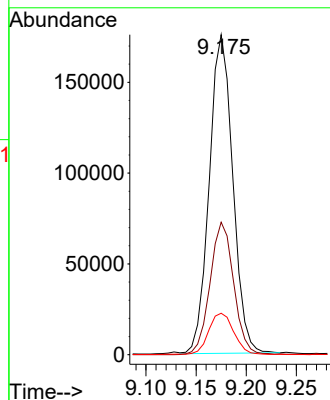
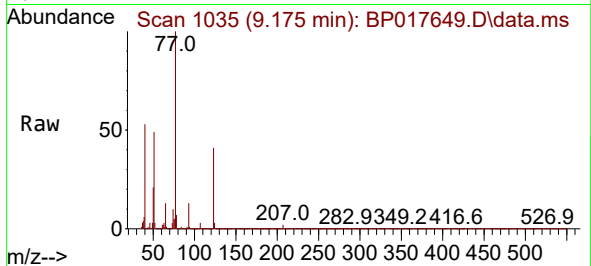




#22
Nitrobenzene
Concen: 40.191 ng/ul
RT: 9.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

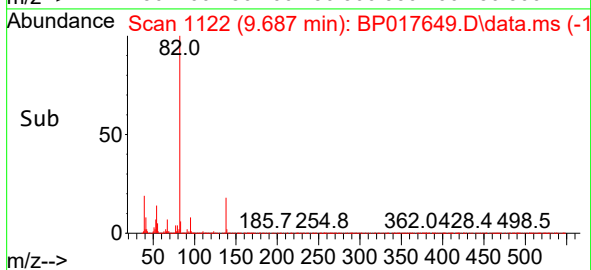
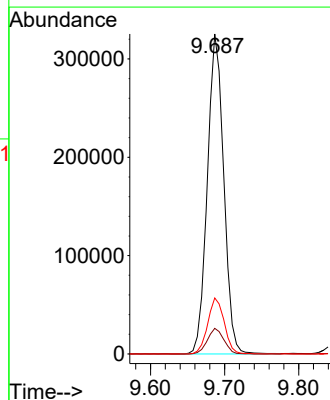
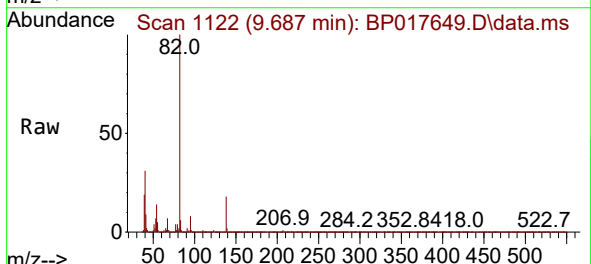
Instrument :
BNA_P
ClientSampleId :
SLCS277

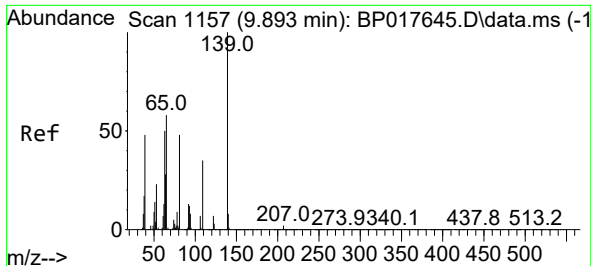
Tgt Ion: 77 Resp: 286645
Ion Ratio Lower Upper
77 100
123 41.4 32.5 48.7
65 13.0 10.2 15.4



#23
Isophorone
Concen: 40.064 ng/ul
RT: 9.687 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

Tgt Ion: 82 Resp: 500264
Ion Ratio Lower Upper
82 100
95 8.0 5.7 8.5
138 17.5 14.1 21.1

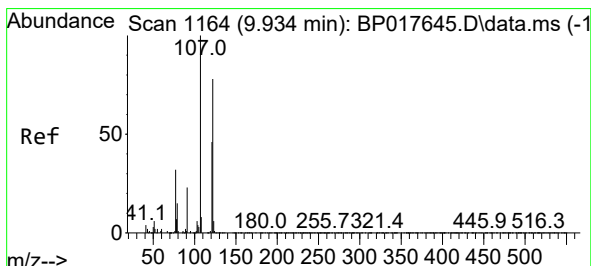
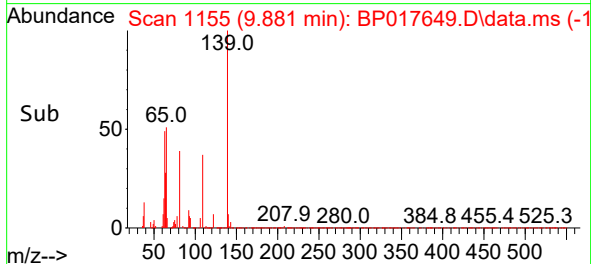
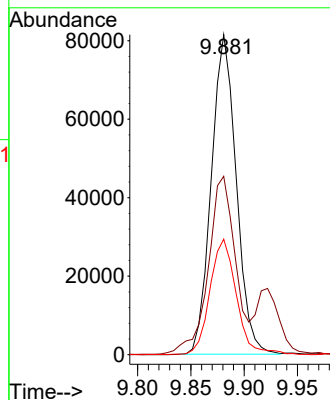
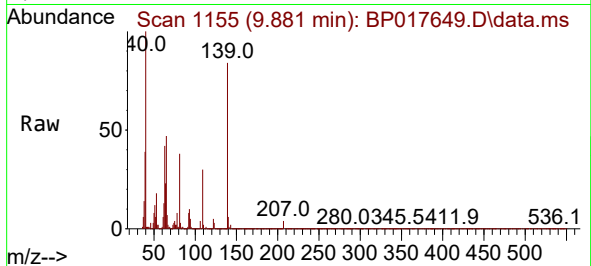




#25
2-Nitrophenol
Concen: 41.382 ng/ul
RT: 9.881 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

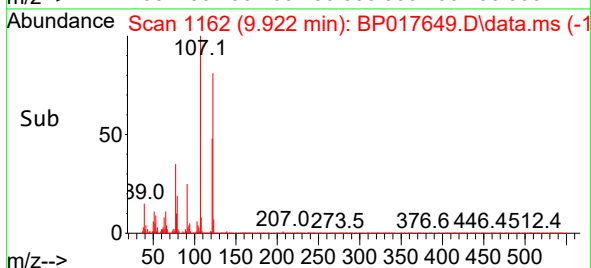
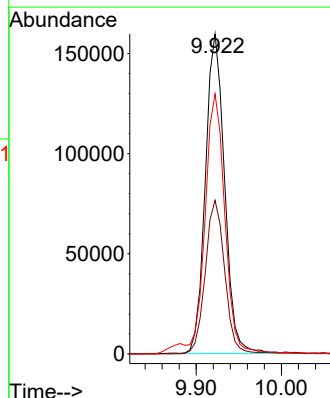
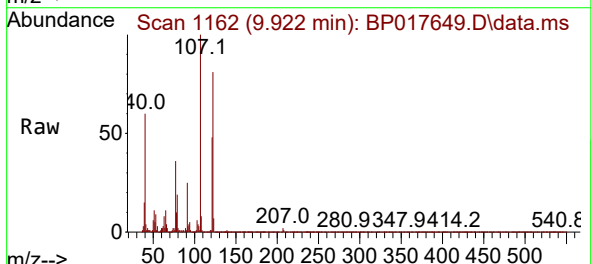
Instrument :
BNA_P
ClientSampleId :
SLCS277

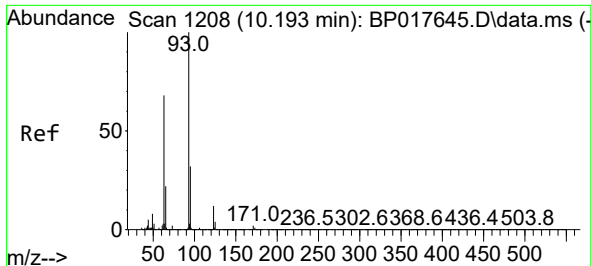
Tgt Ion:139 Resp: 132598
Ion Ratio Lower Upper
139 100
65 55.8 46.1 69.1
109 36.1 29.6 44.4



#26
2,4-Dimethylphenol
Concen: 38.243 ng/ul
RT: 9.922 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

Tgt Ion:107 Resp: 250351
Ion Ratio Lower Upper
107 100
121 48.0 38.0 57.0
122 81.2 65.6 98.4





#27

Bis(2-Chloroethoxy)methane

Concen: 39.501 ng/ul

RT: 10.181 min Scan# 1206

Delta R.T. -0.000 min

Lab File: BP017649.D

Acq: 11 Oct 2023 16:20

Instrument :

BNA_P

ClientSampleId :

SLCS277

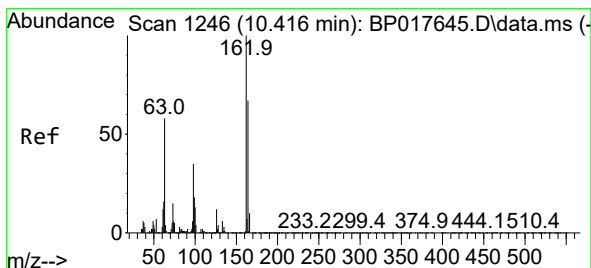
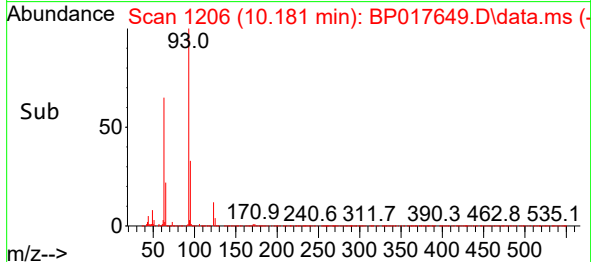
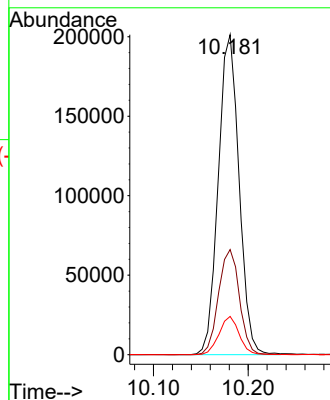
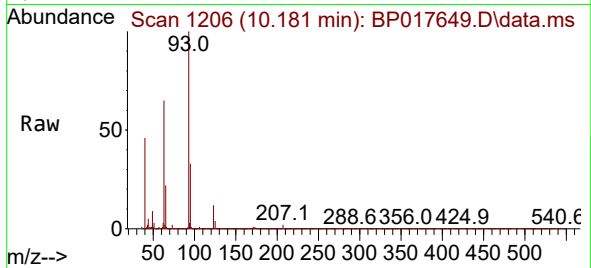
Tgt Ion: 93 Resp: 306964

Ion Ratio Lower Upper

93 100

95 32.8 27.0 40.4

123 11.9 8.9 13.3



#29

2,4-Dichlorophenol

Concen: 40.868 ng/ul

RT: 10.404 min Scan# 1244

Delta R.T. -0.006 min

Lab File: BP017649.D

Acq: 11 Oct 2023 16:20

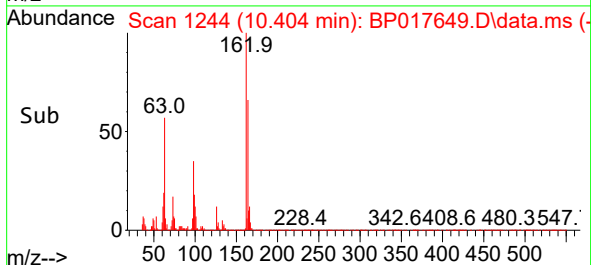
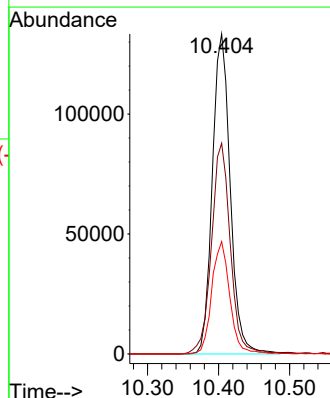
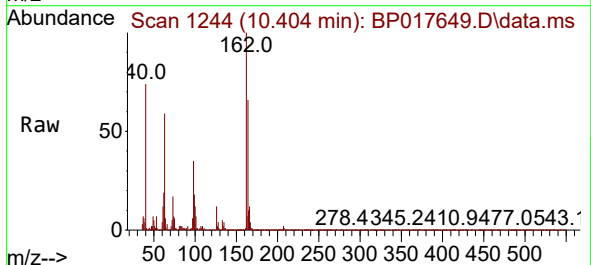
Tgt Ion: 162 Resp: 233023

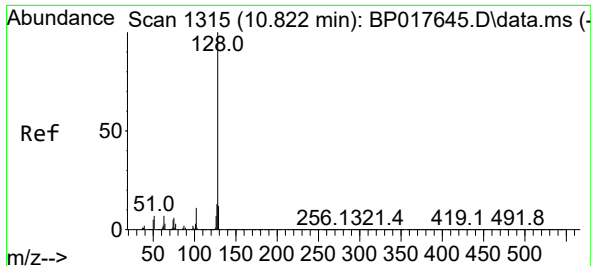
Ion Ratio Lower Upper

162 100

164 65.8 51.9 77.9

98 35.1 28.6 43.0

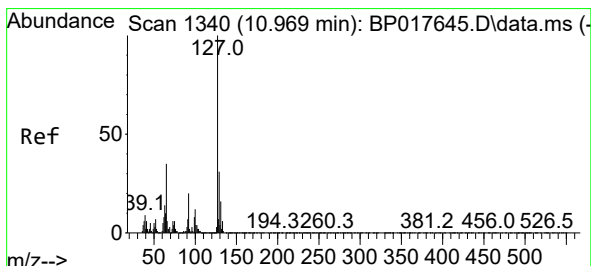
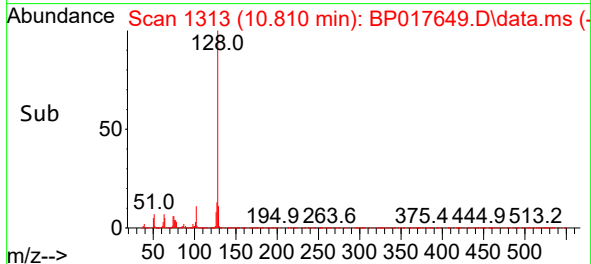
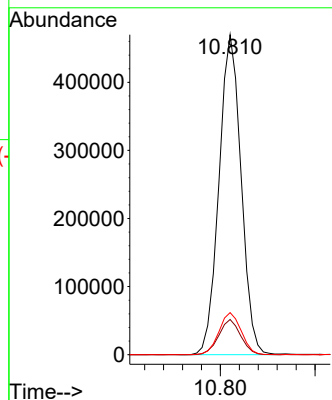
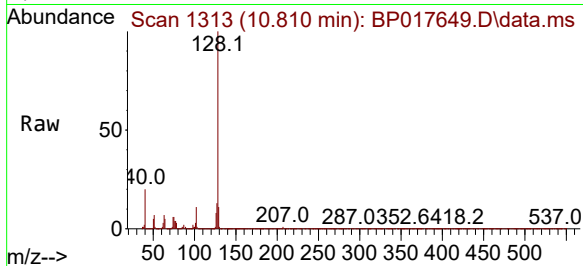




#30
Naphthalene
Concen: 39.028 ng/ul
RT: 10.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

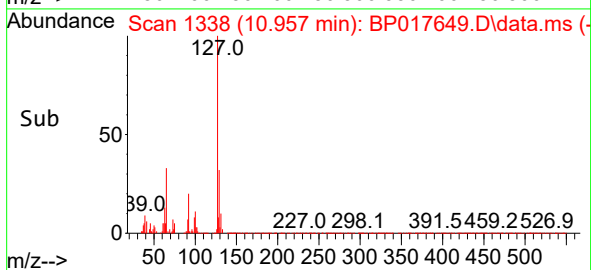
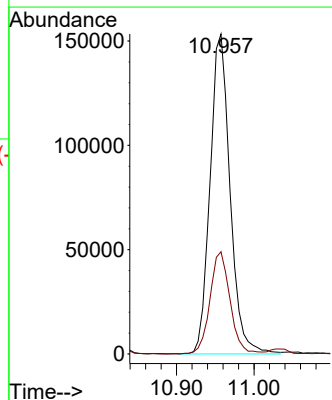
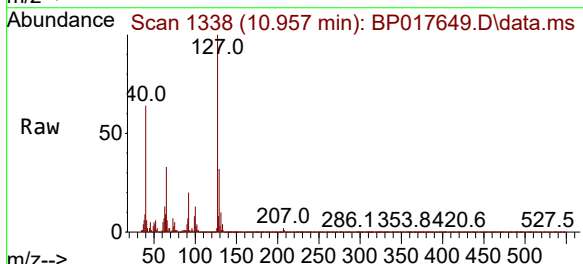
Instrument :
BNA_P
ClientSampleId :
SLCS277

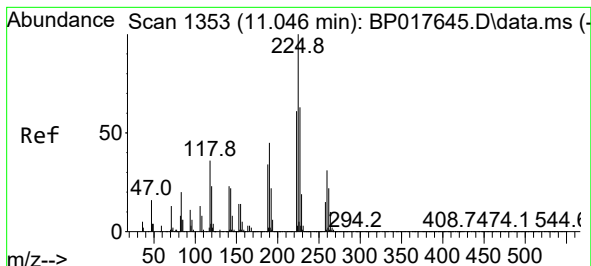
Tgt Ion:128 Resp: 762658
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.2 10.6 16.0



#32
4-Chloroaniline
Concen: 34.395 ng/ul
RT: 10.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

Tgt Ion:127 Resp: 274814
Ion Ratio Lower Upper
127 100
129 31.9 26.5 39.7





#33

Hexachlorobutadiene

Concen: 40.838 ng/ul

RT: 11.034 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP017649.D

Acq: 11 Oct 2023 16:20

Instrument :

BNA_P

ClientSampleId :

SLCS277

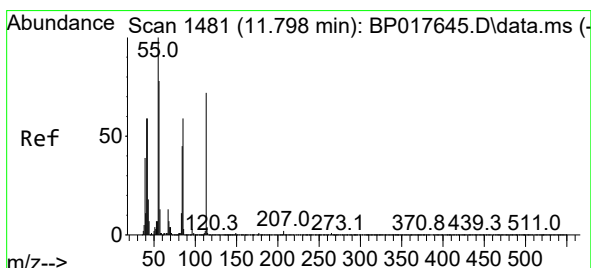
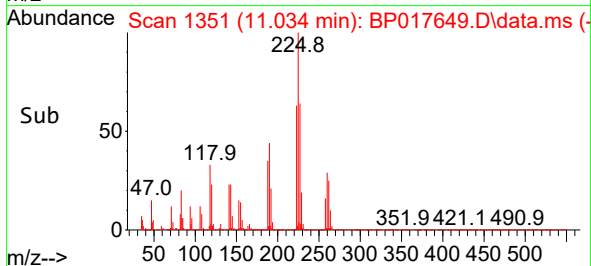
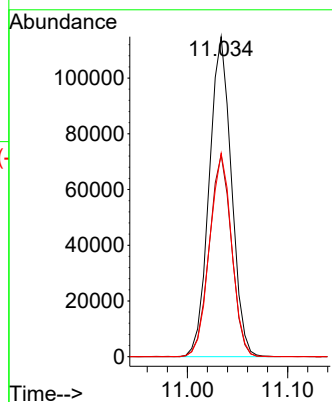
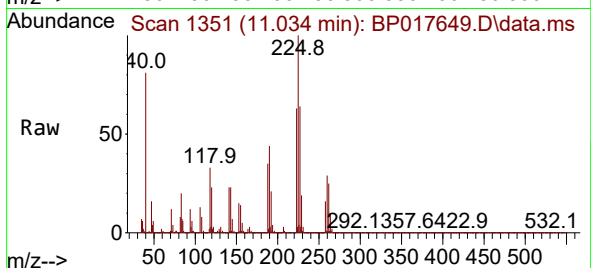
Tgt Ion:225 Resp: 176791

Ion Ratio Lower Upper

225 100

223 63.0 49.4 74.2

227 63.6 48.6 72.8



#34

Caprolactam

Concen: 36.957 ng/ul

RT: 11.787 min Scan# 1479

Delta R.T. -0.000 min

Lab File: BP017649.D

Acq: 11 Oct 2023 16:20

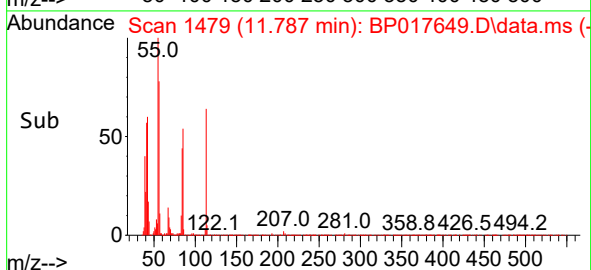
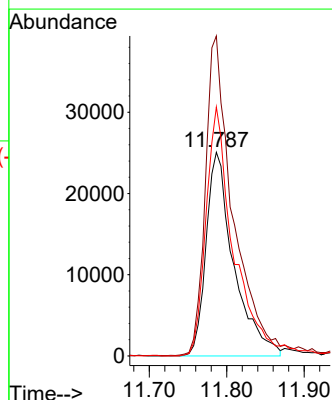
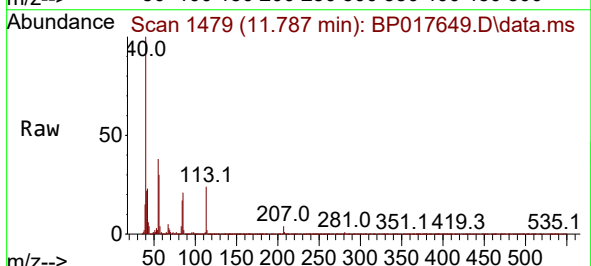
Tgt Ion:113 Resp: 62287

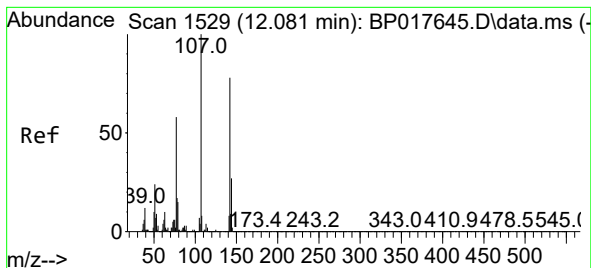
Ion Ratio Lower Upper

113 100

55 157.2 124.2 186.2

56 122.2 101.2 151.8

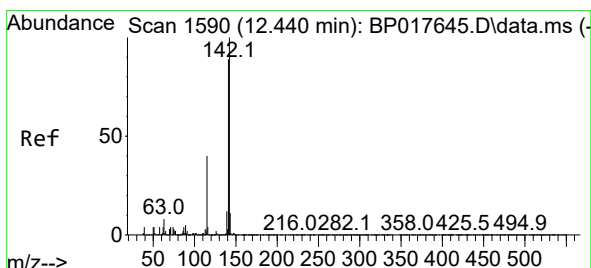
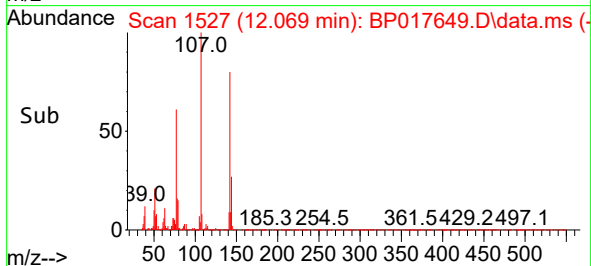
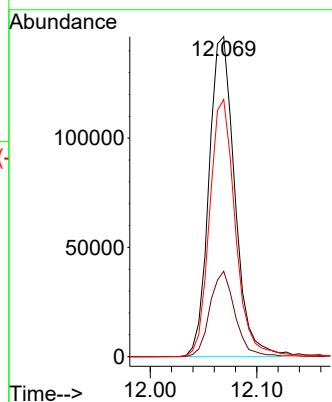
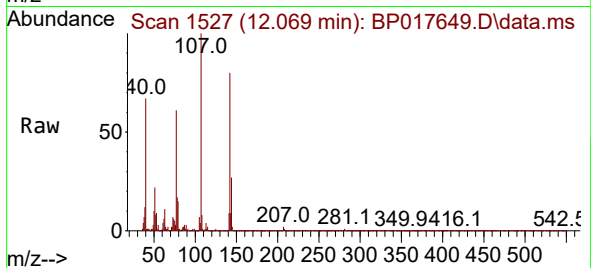




#35
4-Chloro-3-methylphenol
Concen: 41.232 ng/ul
RT: 12.069 min Scan# 1527
Delta R.T. -0.000 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

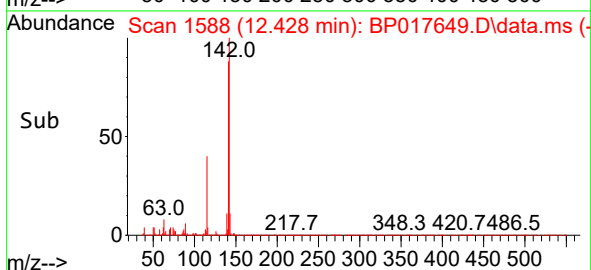
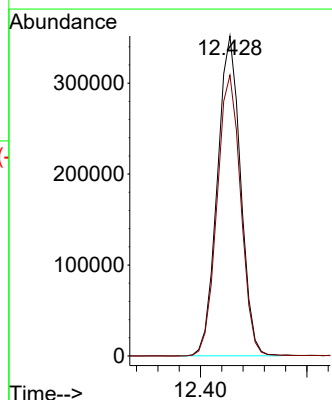
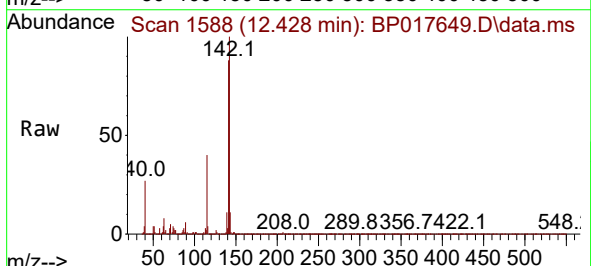
Instrument :
BNA_P
ClientSampleId :
SLCS277

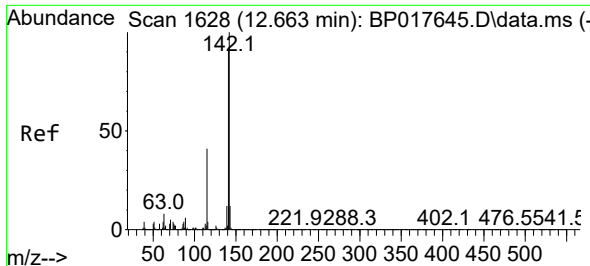
Tgt Ion:107 Resp: 245912
Ion Ratio Lower Upper
107 100
144 26.7 20.6 31.0
142 80.4 65.0 97.4



#36
2-Methylnaphthalene
Concen: 39.934 ng/ul
RT: 12.428 min Scan# 1588
Delta R.T. -0.000 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

Tgt Ion:142 Resp: 532626
Ion Ratio Lower Upper
142 100
141 87.8 72.1 108.1





#37

1-Methylnaphthalene

Concen: 38.725 ng/ul

RT: 12.645 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP017649.D

Acq: 11 Oct 2023 16:20

Instrument :

BNA_P

ClientSampleId :

SLCS277

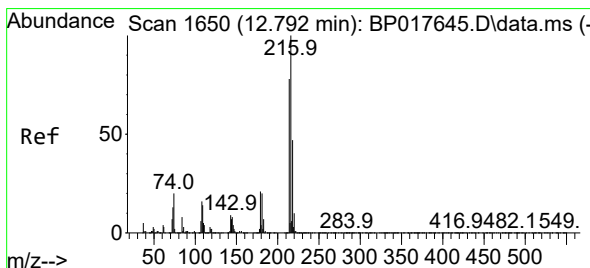
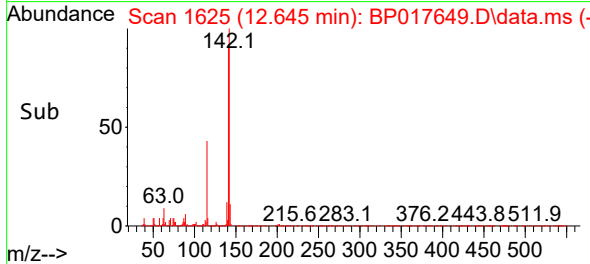
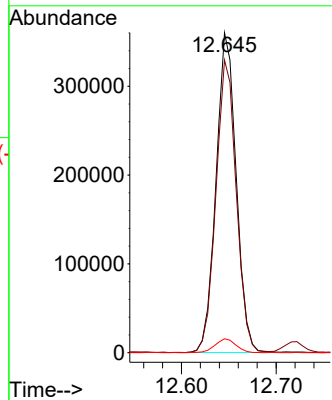
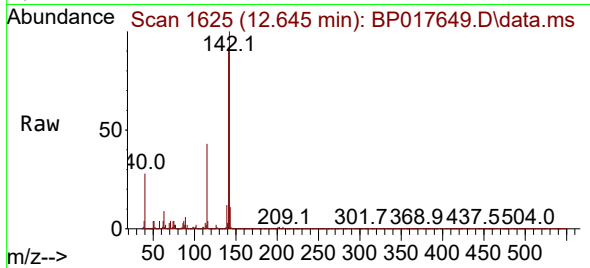
Tgt Ion:142 Resp: 532462

Ion Ratio Lower Upper

142 100

141 91.5 72.6 108.8

116 4.3 3.1 4.7



#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.742 ng/ul

RT: 12.781 min Scan# 1648

Delta R.T. -0.000 min

Lab File: BP017649.D

Acq: 11 Oct 2023 16:20

Tgt Ion:216 Resp: 323395

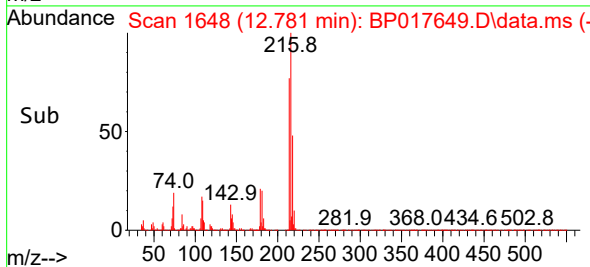
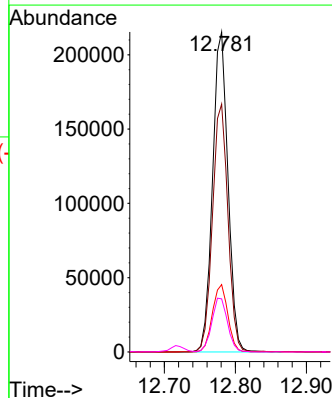
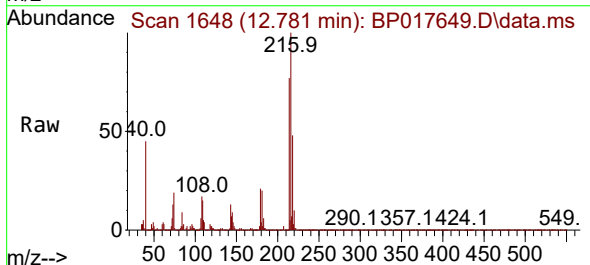
Ion Ratio Lower Upper

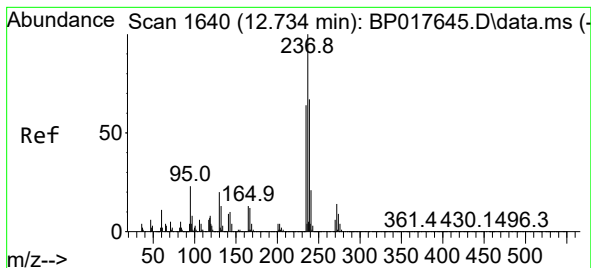
216 100

214 77.4 63.4 95.2

179 21.0 17.0 25.6

108 16.6 13.7 20.5





#40

Hexachlorocyclopentadiene

Concen: 34.464 ng/ul

RT: 12.722 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP017649.D

Acq: 11 Oct 2023 16:20

Instrument :

BNA_P

ClientSampleId :

SLCS277

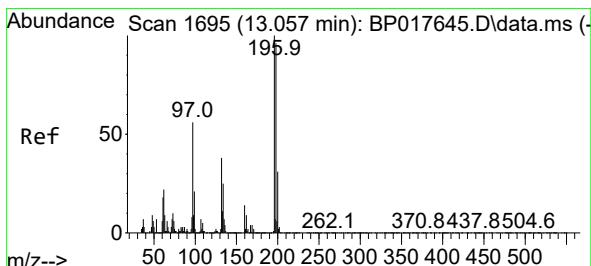
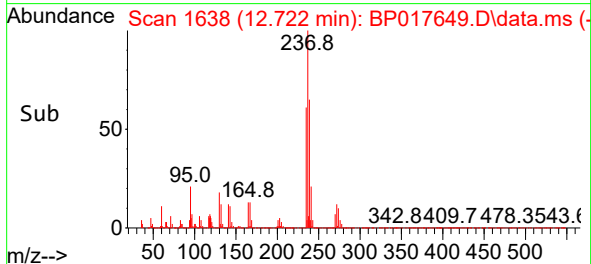
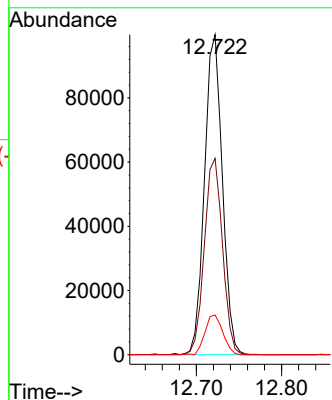
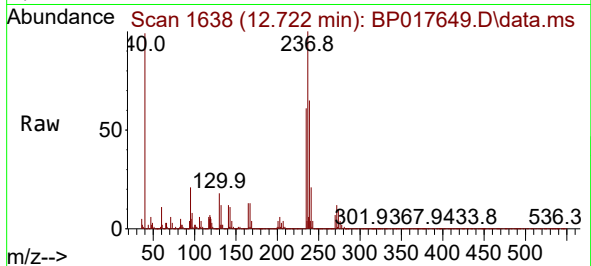
Tgt Ion:237 Resp: 144972

Ion Ratio Lower Upper

237 100

235 61.3 50.2 75.2

272 12.4 10.7 16.1



#41

2,4,6-Trichlorophenol

Concen: 40.038 ng/ul

RT: 13.039 min Scan# 1692

Delta R.T. -0.006 min

Lab File: BP017649.D

Acq: 11 Oct 2023 16:20

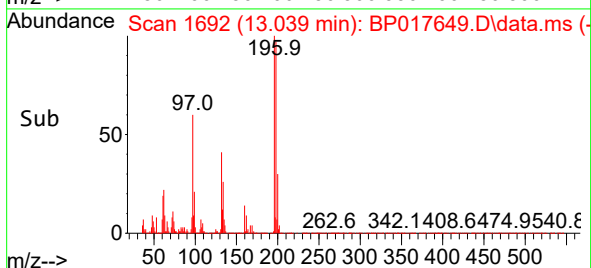
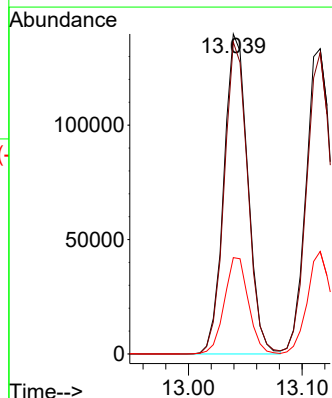
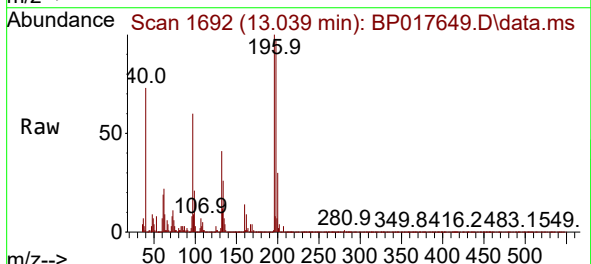
Tgt Ion:196 Resp: 205108

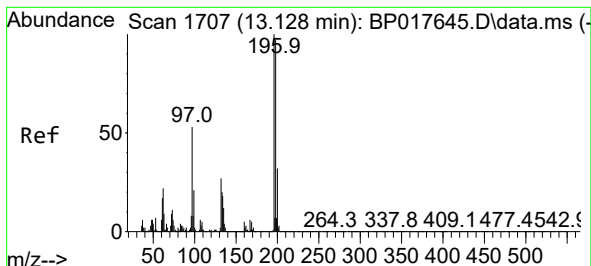
Ion Ratio Lower Upper

196 100

198 97.4 80.2 120.2

200 30.1 24.6 37.0

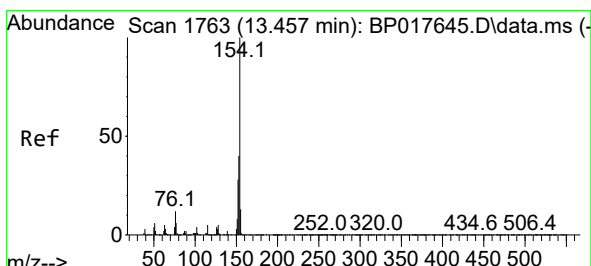
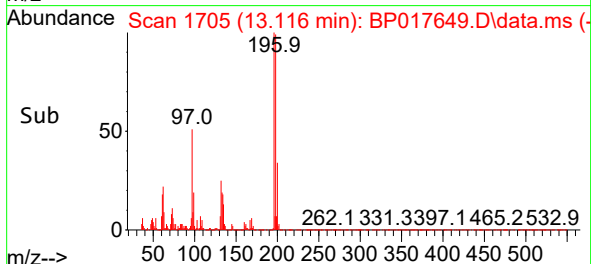
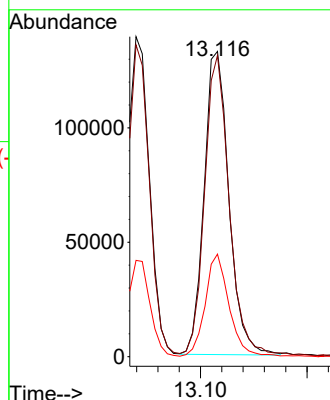
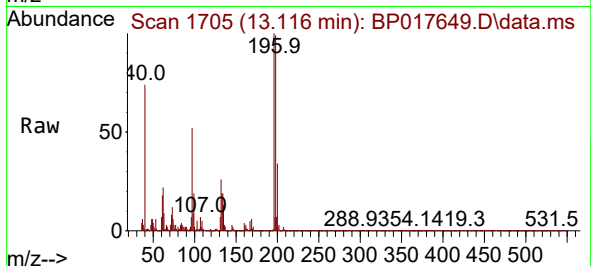




#42
2,4,5-Trichlorophenol
Concen: 39.702 ng/ul
RT: 13.116 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

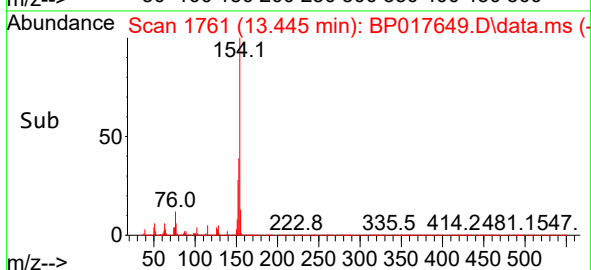
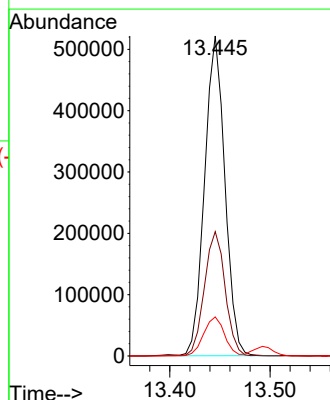
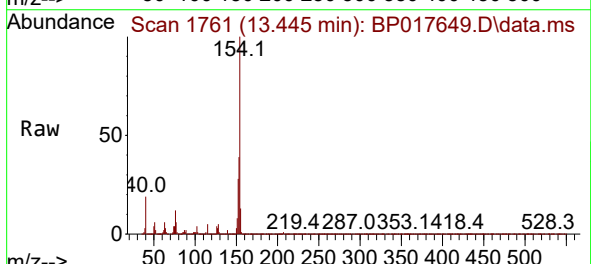
Instrument :
BNA_P
ClientSampleId :
SLCS277

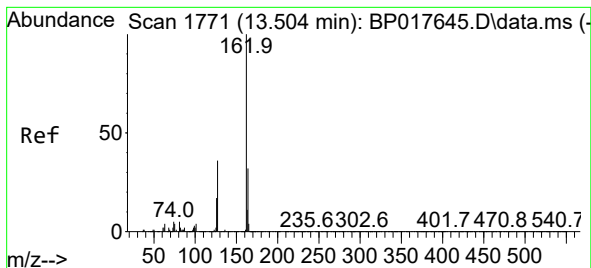
Tgt Ion:196 Resp: 214427
Ion Ratio Lower Upper
196 100
198 98.7 74.6 112.0
200 33.6 25.8 38.8



#43
1,1'-Biphenyl
Concen: 38.419 ng/ul
RT: 13.445 min Scan# 1761
Delta R.T. -0.000 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

Tgt Ion:154 Resp: 734494
Ion Ratio Lower Upper
154 100
153 38.9 32.2 48.4
76 12.2 10.0 15.0





#44

2-Chloronaphthalene

Concen: 38.214 ng/ul

RT: 13.492 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP017649.D

Acq: 11 Oct 2023 16:20

Instrument :

BNA_P

ClientSampleId :

SLCS277

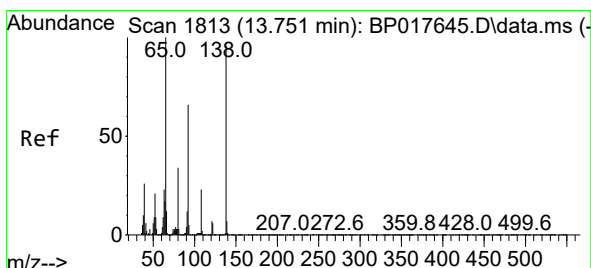
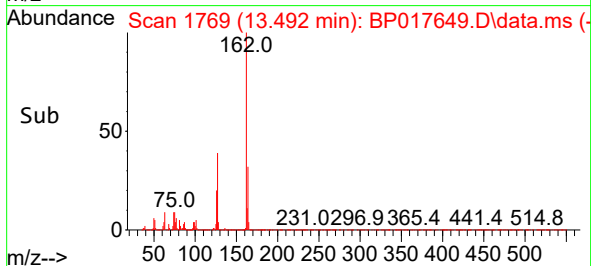
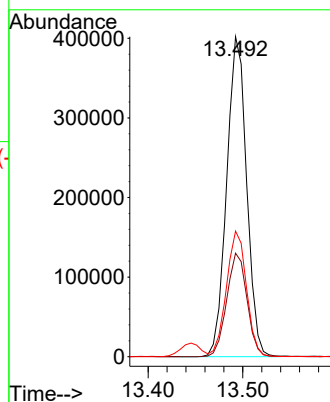
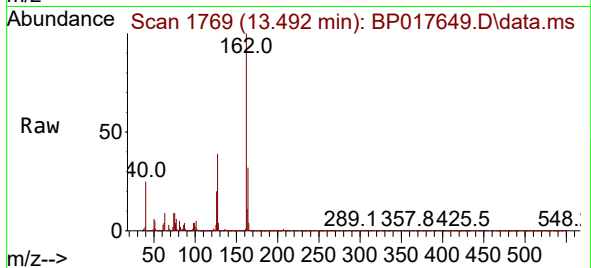
Tgt Ion:162 Resp: 587137

Ion Ratio Lower Upper

162 100

164 32.4 26.9 40.3

127 39.3 30.3 45.5



#45

2-Nitroaniline

Concen: 41.962 ng/ul

RT: 13.739 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BP017649.D

Acq: 11 Oct 2023 16:20

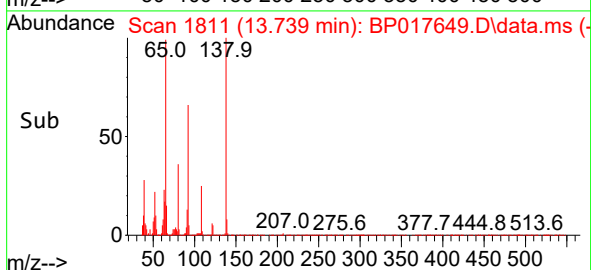
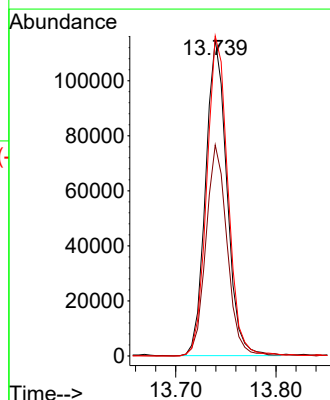
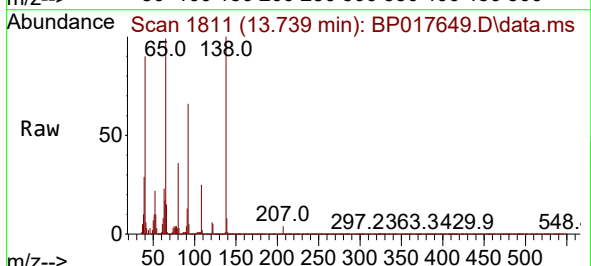
Tgt Ion: 65 Resp: 168932

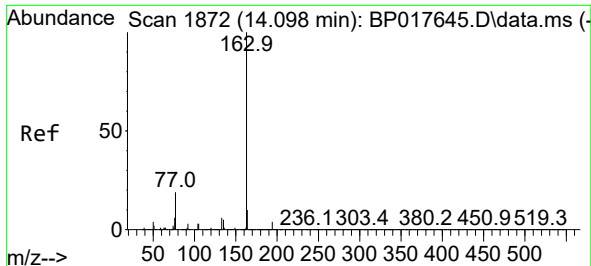
Ion Ratio Lower Upper

65 100

92 66.6 53.0 79.6

138 101.1 81.9 122.9

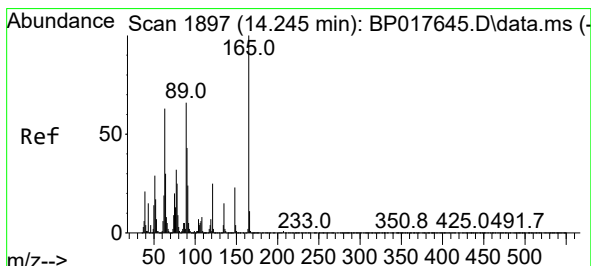
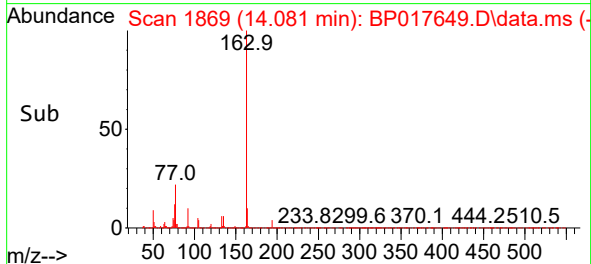
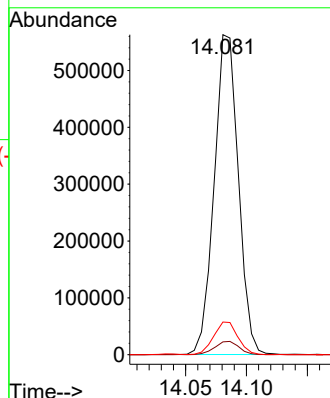
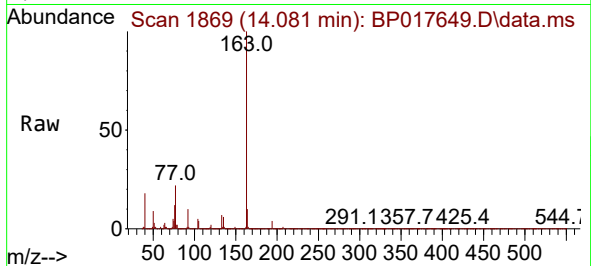




#47
Dimethylphthalate
Concen: 40.066 ng/ul
RT: 14.081 min Scan# 1869
Delta R.T. -0.006 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

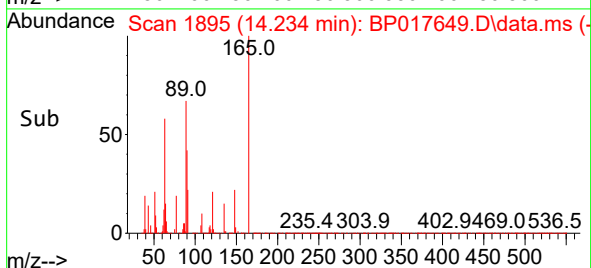
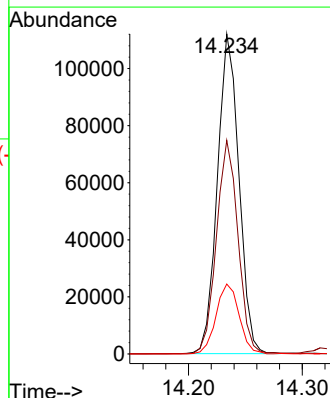
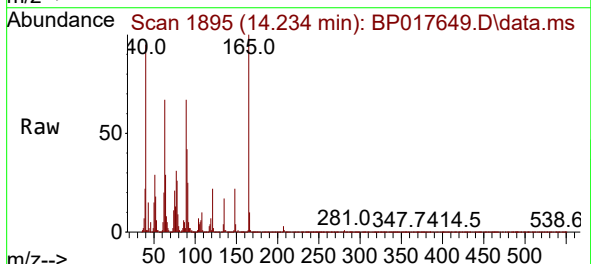
Instrument :
BNA_P
ClientSampleId :
SLCS277

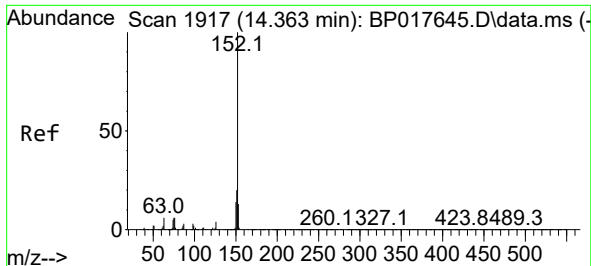
Tgt Ion:163 Resp: 777992
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.2 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 41.749 ng/ul
RT: 14.234 min Scan# 1895
Delta R.T. -0.000 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

Tgt Ion:165 Resp: 147547
Ion Ratio Lower Upper
165 100
89 66.8 53.9 80.9
121 21.8 17.4 26.2

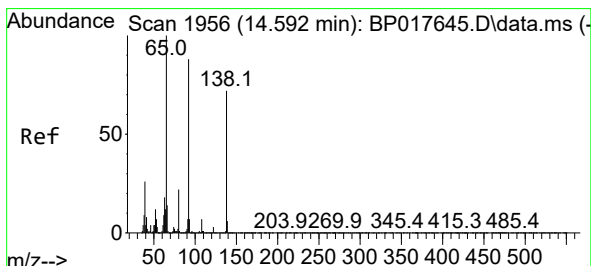
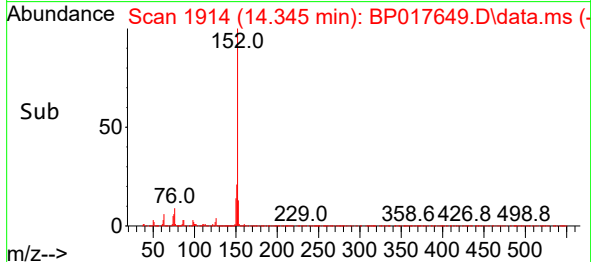
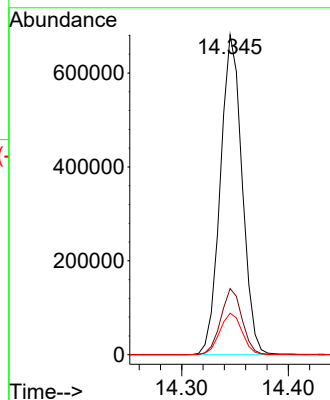
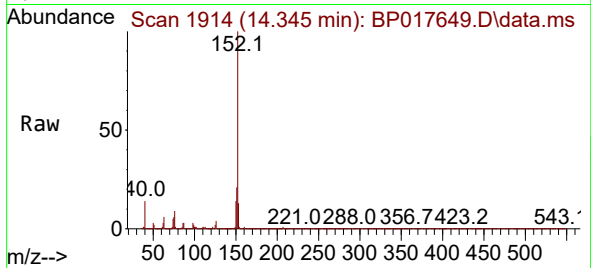




#50
Acenaphthylene
Concen: 39.813 ng/ul
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

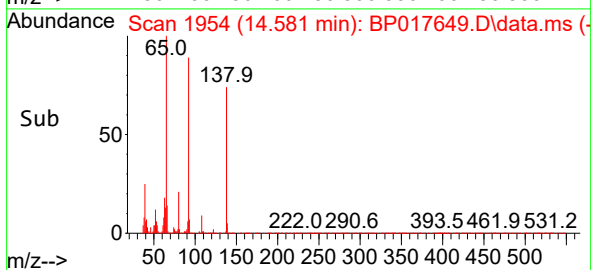
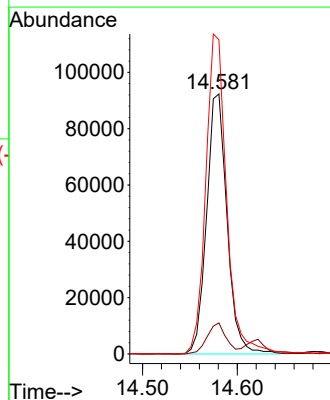
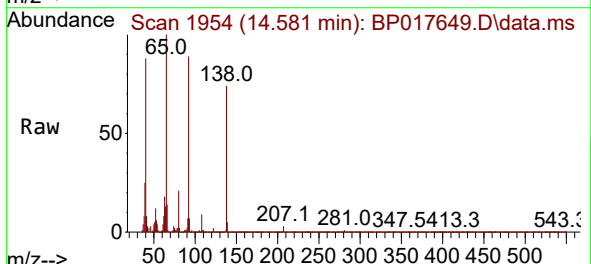
Instrument :
BNA_P
ClientSampleId :
SLCS277

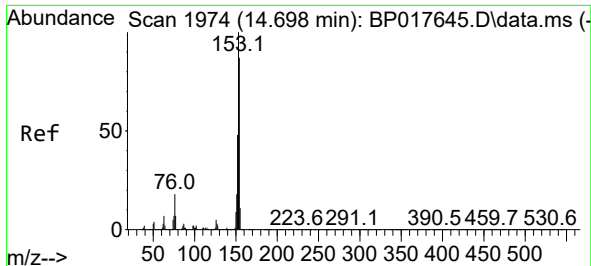
Tgt Ion:152 Resp: 964727
Ion Ratio Lower Upper
152 100
151 20.6 16.1 24.1
153 13.0 10.2 15.4



#51
3-Nitroaniline
Concen: 42.245 ng/ul
RT: 14.581 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

Tgt Ion:138 Resp: 138496
Ion Ratio Lower Upper
138 100
108 11.9 10.0 15.0
92 120.9 100.2 150.4

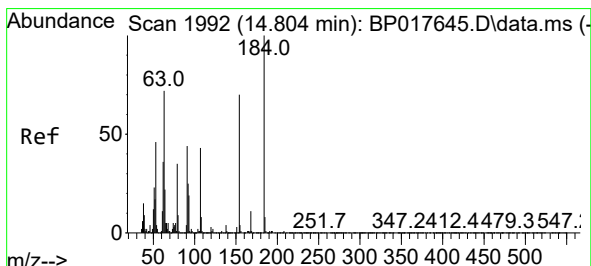
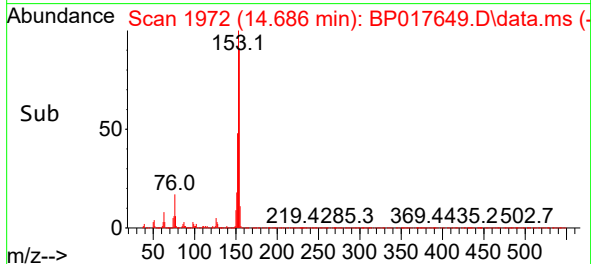
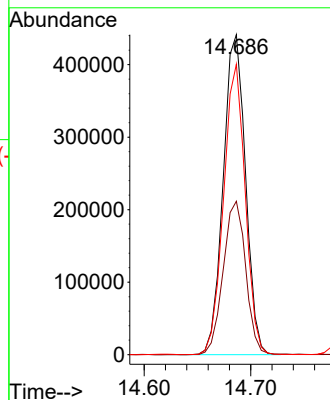
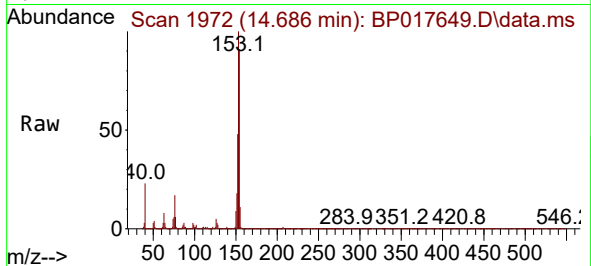




#52
Acenaphthene
Concen: 39.142 ng/ul
RT: 14.686 min Scan# 1989
Delta R.T. -0.000 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

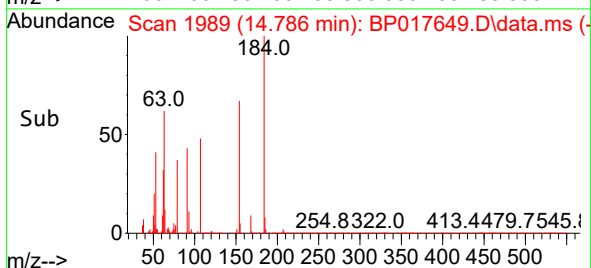
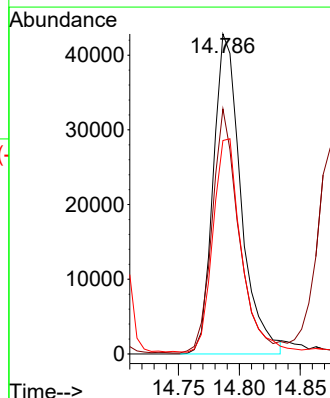
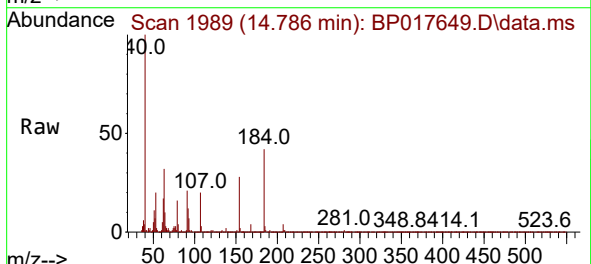
Instrument :
BNA_P
ClientSampleId :
SLCS277

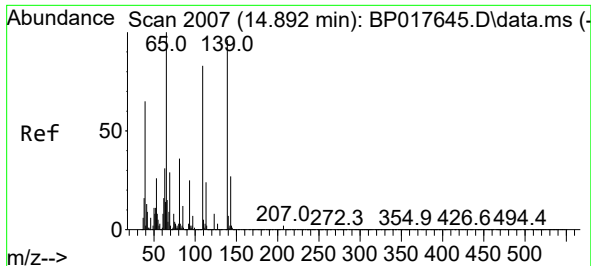
Tgt Ion:153 Resp: 641623
Ion Ratio Lower Upper
153 100
152 48.0 38.0 57.0
154 90.7 69.7 104.5



#53
2,4-Dinitrophenol
Concen: 30.685 ng/ul
RT: 14.786 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

Tgt Ion:184 Resp: 67882
Ion Ratio Lower Upper
184 100
63 76.6 60.5 90.7
154 66.7 56.1 84.1

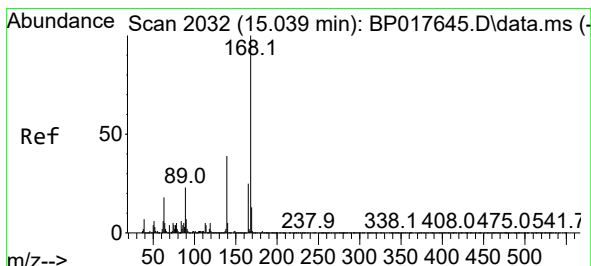
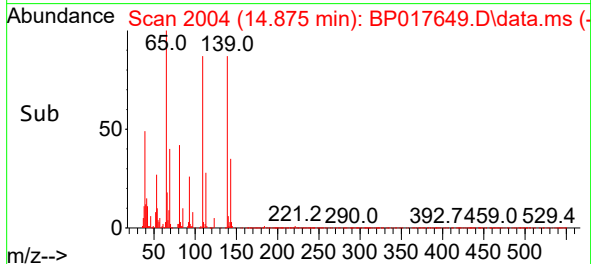
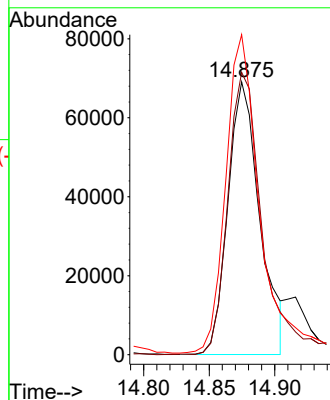
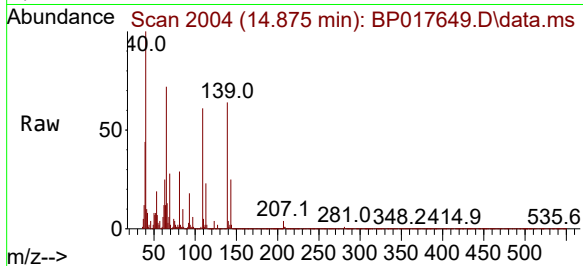




#55
4-Nitrophenol
Concen: 43.461 ng/ul
RT: 14.875 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

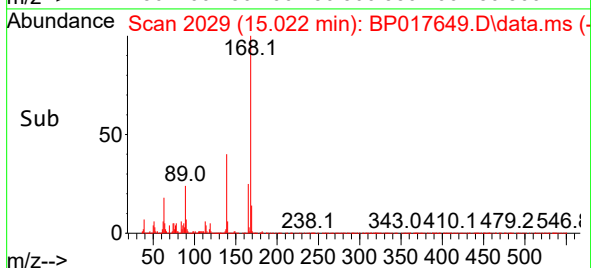
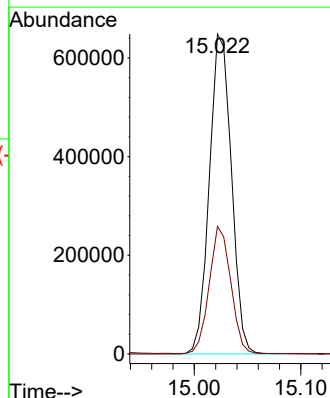
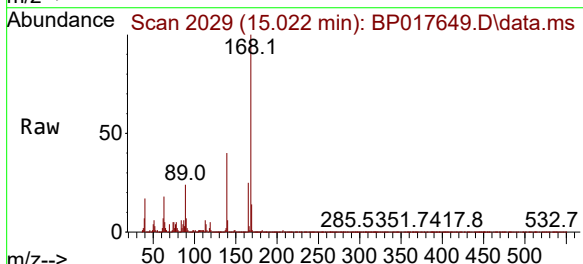
Instrument :
BNA_P
ClientSampleId :
SLCS277

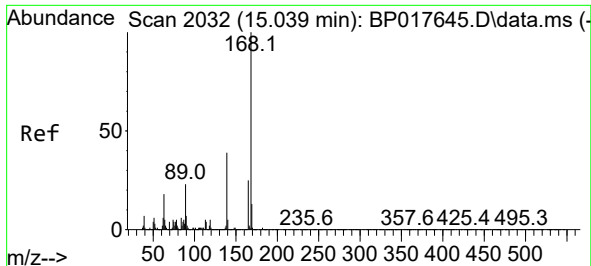
Tgt Ion:109 Resp: 116569
Ion Ratio Lower Upper
109 100
139 103.5 94.6 142.0
65 117.3 101.8 152.6



#56
Dibenzofuran
Concen: 39.644 ng/ul
RT: 15.022 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

Tgt Ion:168 Resp: 932244
Ion Ratio Lower Upper
168 100
139 39.8 29.8 44.8

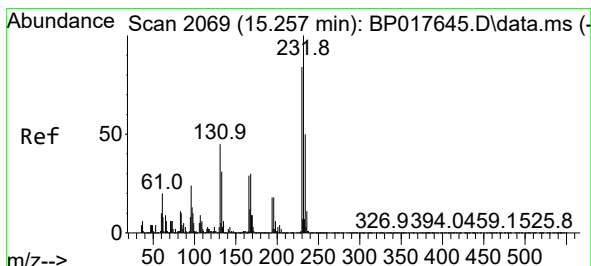
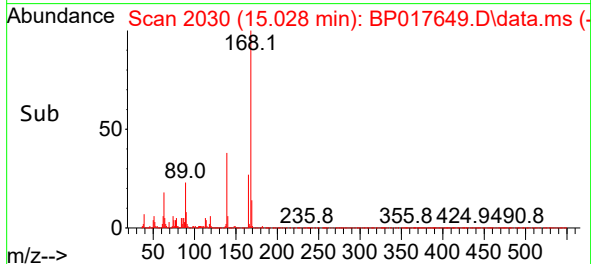
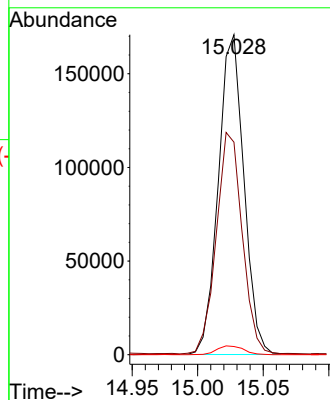
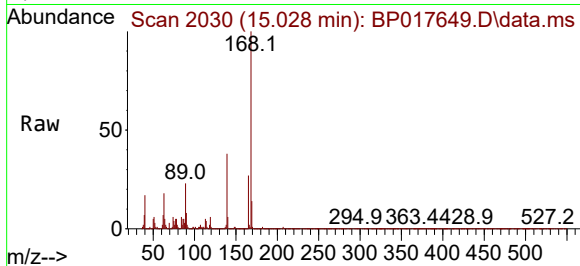




#57
2,4-Dinitrotoluene
Concen: 43.390 ng/ul
RT: 15.028 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

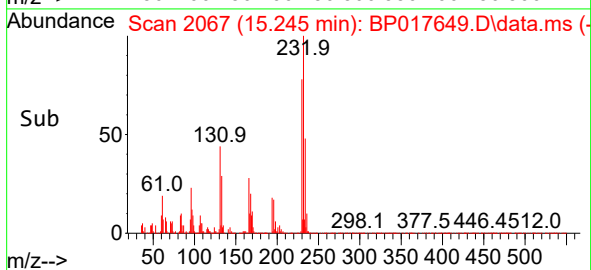
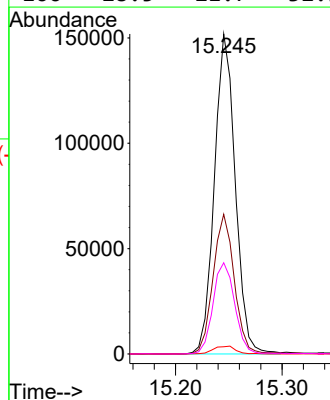
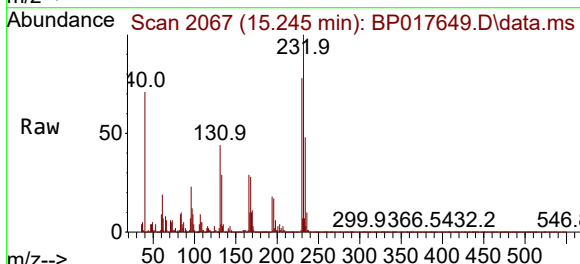
Instrument :
BNA_P
ClientSampleId :
SLCS277

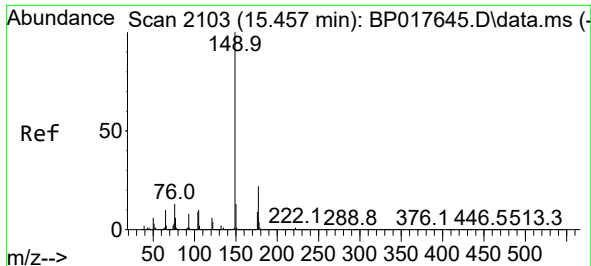
Tgt Ion:165 Resp: 231542
Ion Ratio Lower Upper
165 100
63 66.4 53.0 79.4
182 2.6 2.6 3.8



#58
2,3,4,6-Tetrachlorophenol
Concen: 42.153 ng/ul
RT: 15.245 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

Tgt Ion:232 Resp: 206948
Ion Ratio Lower Upper
232 100
131 43.7 32.4 48.6
130 2.3 2.1 3.1
166 28.5 21.7 32.5

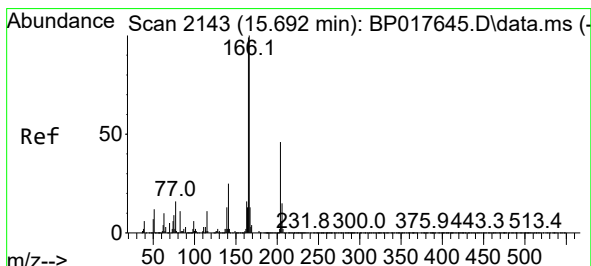
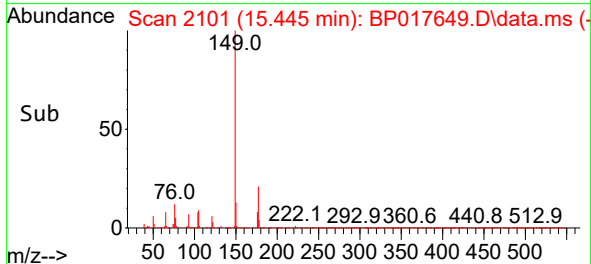
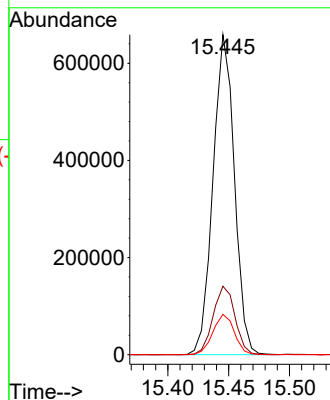
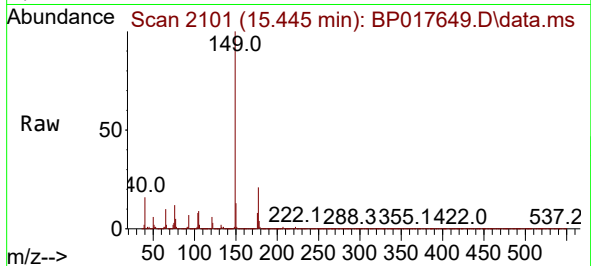




#59
Diethylphthalate
Concen: 41.371 ng/ul
RT: 15.445 min Scan# 2101
Delta R.T. -0.000 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

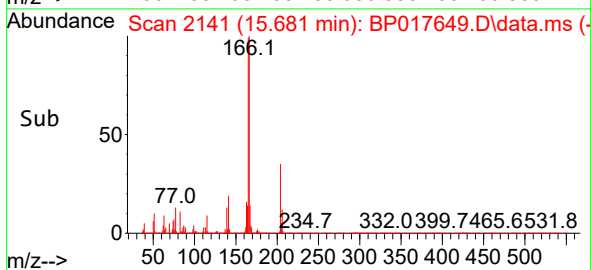
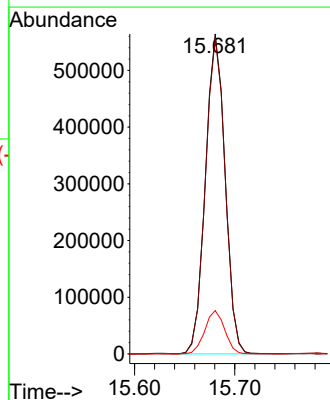
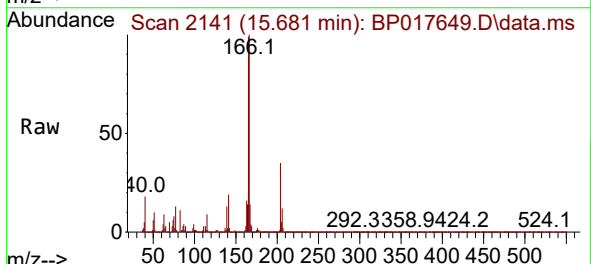
Instrument :
BNA_P
ClientSampleId :
SLCS277

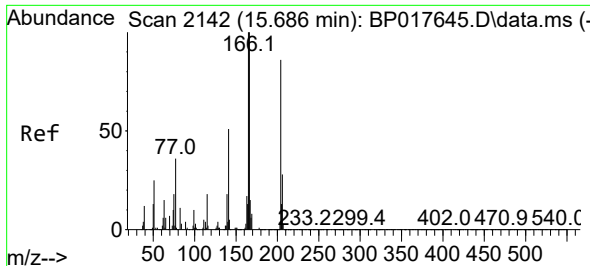
Tgt Ion:149 Resp: 804542
Ion Ratio Lower Upper
149 100
177 21.4 17.7 26.5
150 12.6 9.7 14.5



#61
Fluorene
Concen: 39.931 ng/ul
RT: 15.681 min Scan# 2141
Delta R.T. -0.000 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

Tgt Ion:166 Resp: 770649
Ion Ratio Lower Upper
166 100
165 98.7 78.8 118.2
167 13.5 10.7 16.1

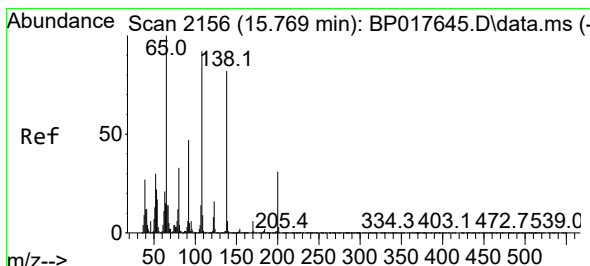
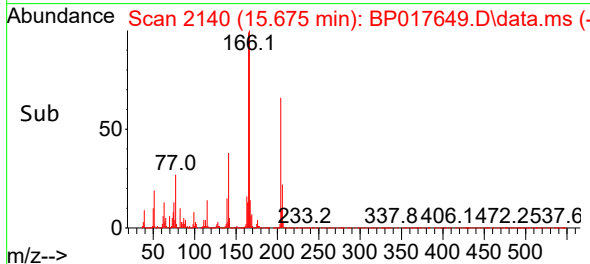
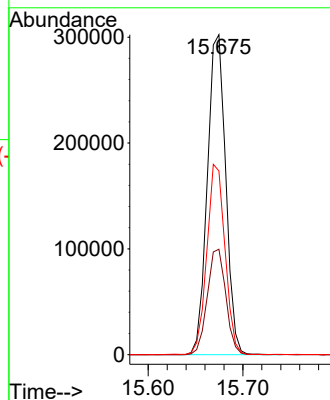
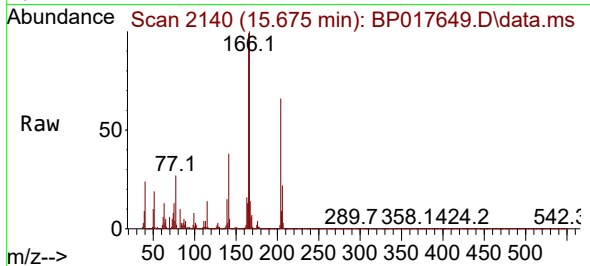




#62
4-Chlorophenyl-phenylether
Concen: 39.746 ng/ul
RT: 15.675 min Scan# 2140
Delta R.T. -0.000 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

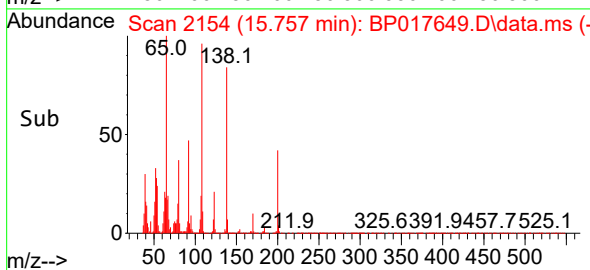
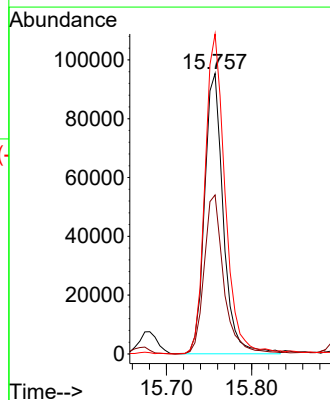
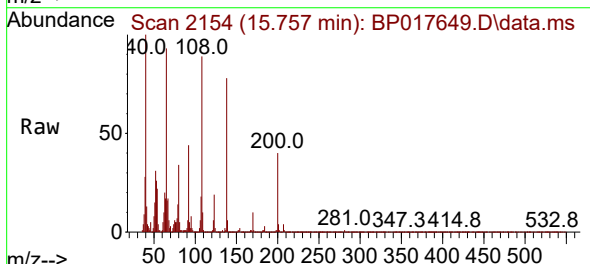
Instrument :
BNA_P
ClientSampleId :
SLCS277

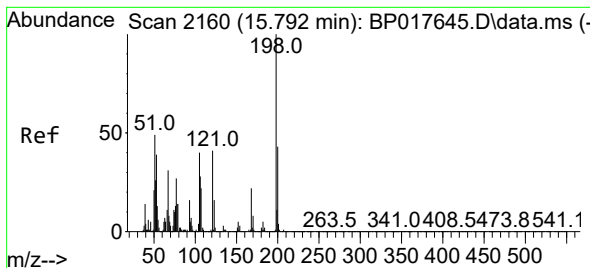
Tgt Ion:204 Resp: 407787
Ion Ratio Lower Upper
204 100
206 33.0 27.2 40.8
141 57.4 47.0 70.4



#63
4-Nitroaniline
Concen: 47.400 ng/ul
RT: 15.757 min Scan# 2154
Delta R.T. -0.000 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

Tgt Ion:138 Resp: 145391
Ion Ratio Lower Upper
138 100
92 56.7 41.2 61.8
108 114.1 81.1 121.7

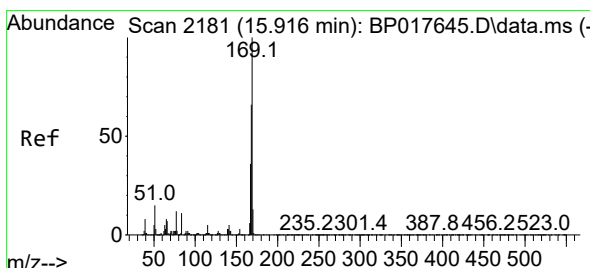
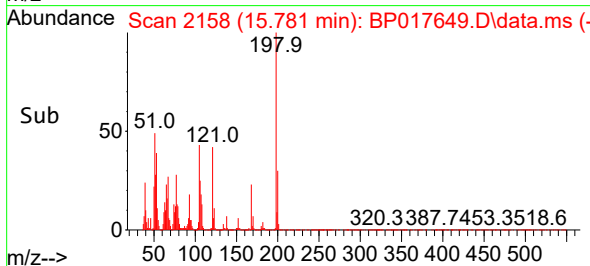
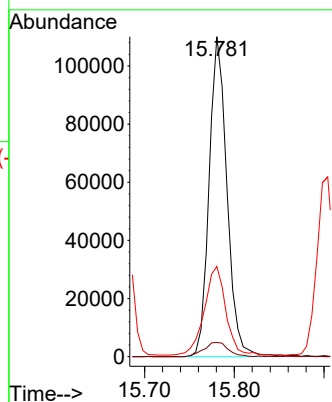
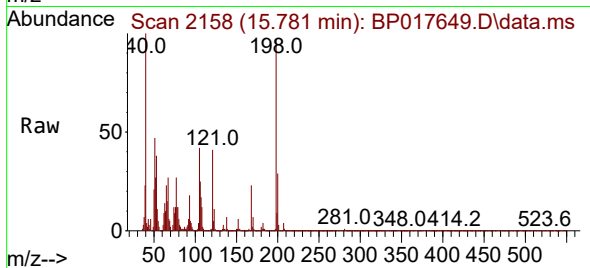




#66
4,6-Dinitro-2-methylphenol
Concen: 42.077 ng/ul
RT: 15.781 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

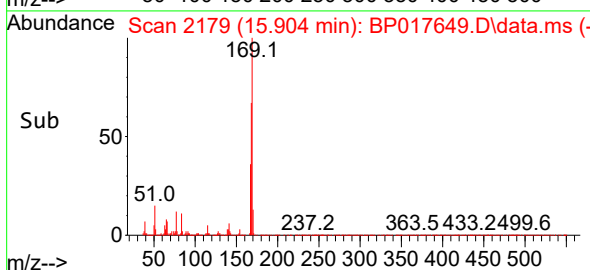
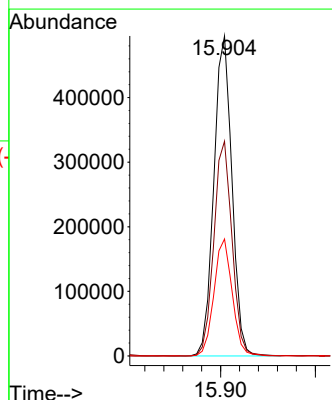
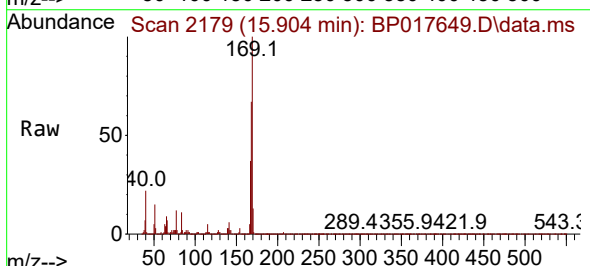
Instrument :
BNA_P
ClientSampleId :
SLCS277

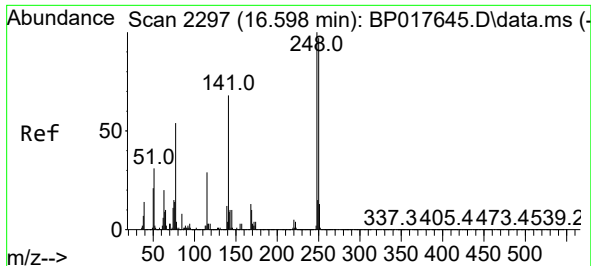
Tgt Ion:198 Resp: 151738
Ion Ratio Lower Upper
198 100
182 4.4 4.6 6.8#
77 28.2 23.8 35.8



#67
N-Nitrosodiphenylamine
Concen: 40.957 ng/ul
RT: 15.904 min Scan# 2179
Delta R.T. -0.000 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

Tgt Ion:169 Resp: 657876
Ion Ratio Lower Upper
169 100
168 67.1 53.0 79.4
167 36.6 29.6 44.4

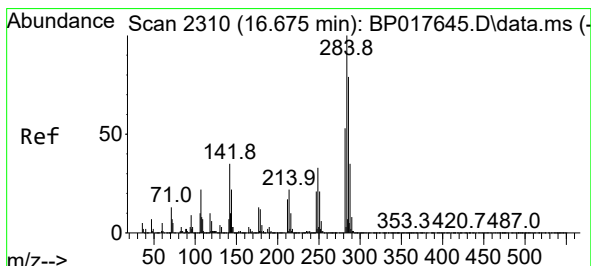
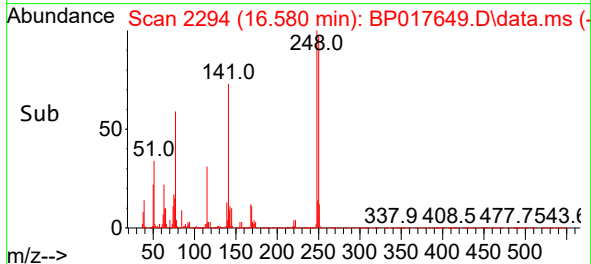
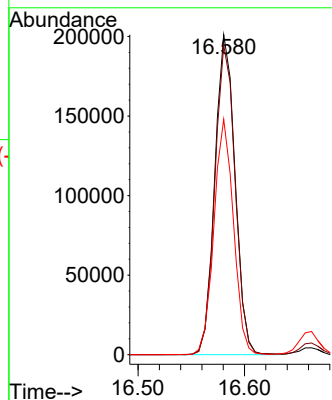
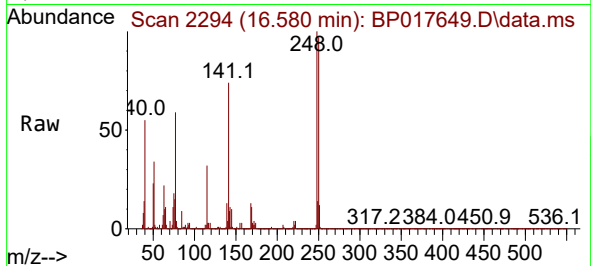




#68
4-Bromophenyl-phenylether
Concen: 41.044 ng/ul
RT: 16.580 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

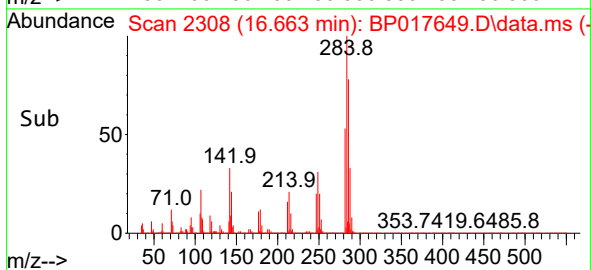
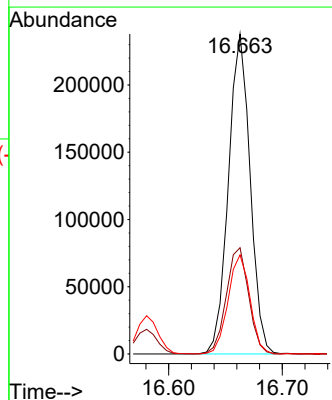
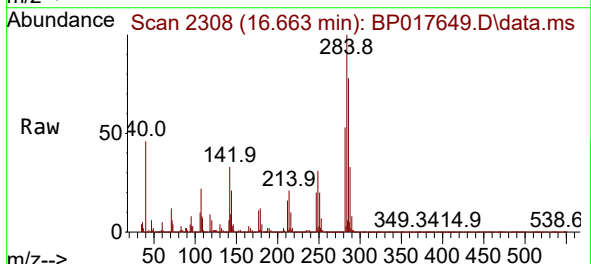
Instrument :
BNA_P
ClientSampleId :
SLCS277

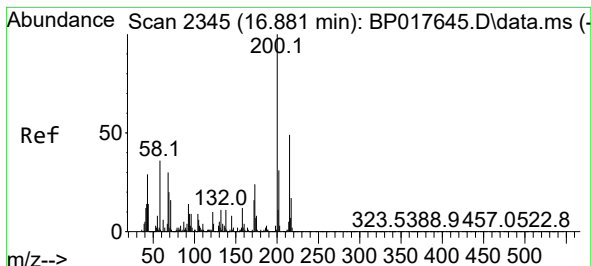
Tgt Ion:248 Resp: 264910
Ion Ratio Lower Upper
248 100
250 96.7 79.3 118.9
141 73.5 54.2 81.2



#69
Hexachlorobenzene
Concen: 41.038 ng/ul
RT: 16.663 min Scan# 2308
Delta R.T. -0.000 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

Tgt Ion:284 Resp: 315489
Ion Ratio Lower Upper
284 100
142 33.2 28.2 42.4
249 31.0 26.2 39.4





#70

Atrazine

Concen: 36.370 ng/ul

RT: 16.869 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP017649.D

Acq: 11 Oct 2023 16:20

Instrument :

BNA_P

ClientSampleId :

SLCS277

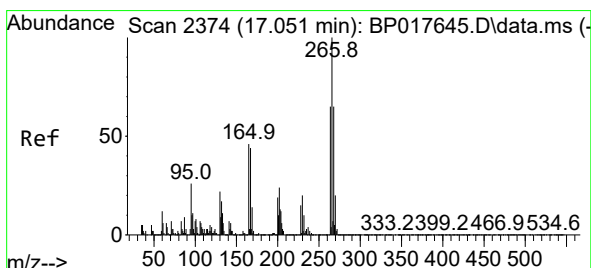
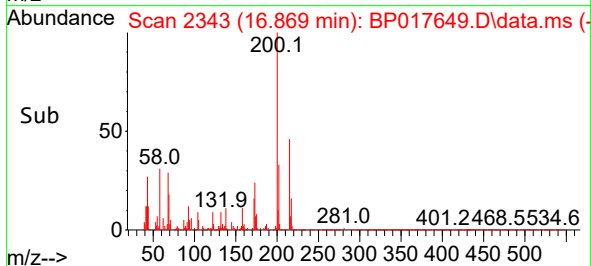
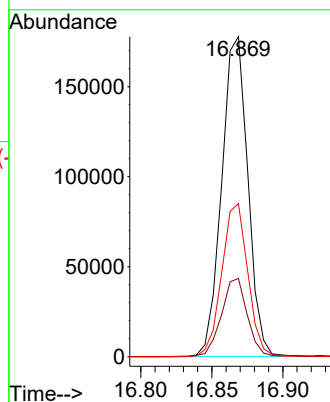
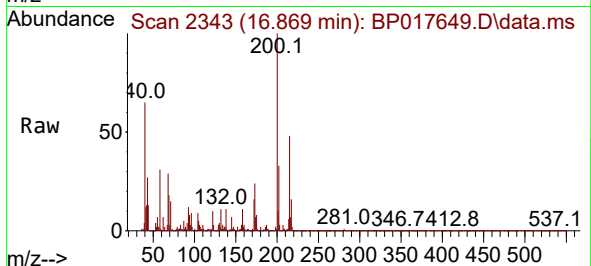
Tgt Ion:200 Resp: 227380

Ion Ratio Lower Upper

200 100

173 24.5 19.5 29.3

215 47.9 37.8 56.8



#71

Pentachlorophenol

Concen: 39.464 ng/ul

RT: 17.033 min Scan# 2371

Delta R.T. -0.006 min

Lab File: BP017649.D

Acq: 11 Oct 2023 16:20

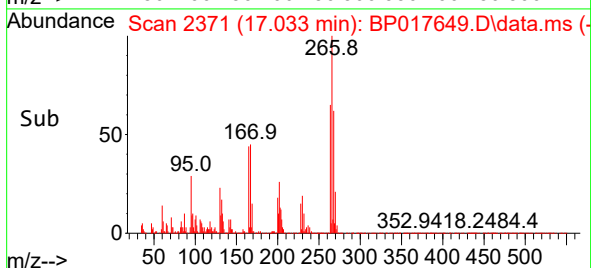
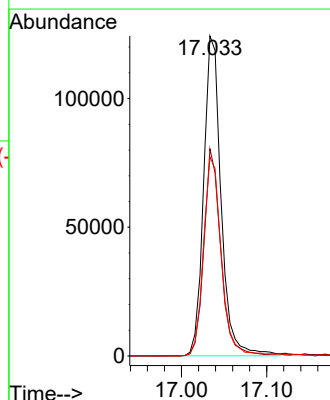
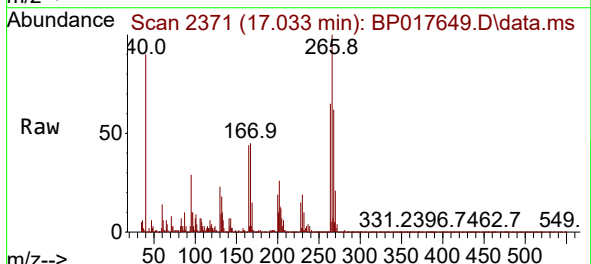
Tgt Ion:266 Resp: 176924

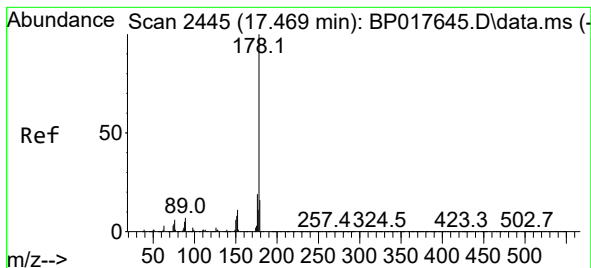
Ion Ratio Lower Upper

266 100

264 64.7 52.5 78.7

268 62.1 54.6 81.8





#72

Phenanthrene

Concen: 40.670 ng/ul

RT: 17.451 min Scan# 2445

Delta R.T. -0.006 min

Lab File: BP017649.D

Acq: 11 Oct 2023 16:20

Instrument :

BNA_P

ClientSampleId :

SLCS277

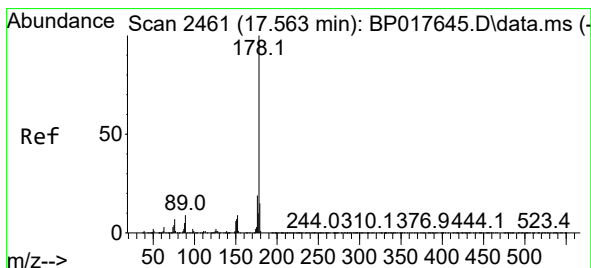
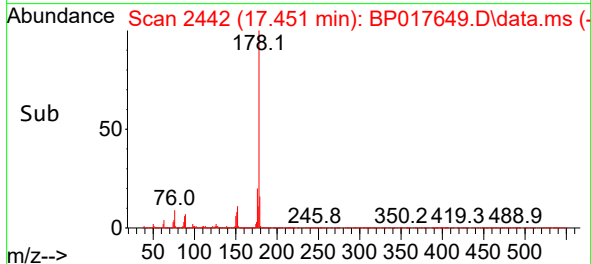
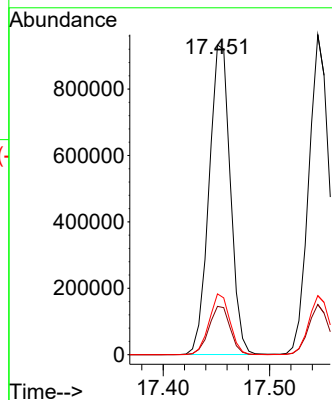
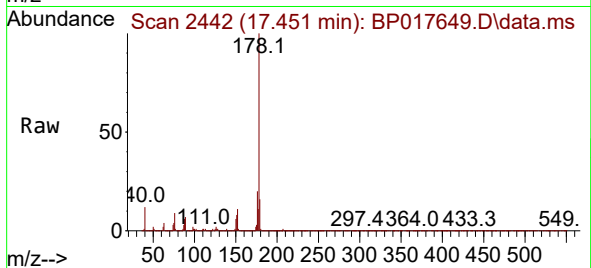
Tgt Ion:178 Resp: 1295858

Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

176 19.6 15.8 23.6



#74

Anthracene

Concen: 40.826 ng/ul

RT: 17.545 min Scan# 2458

Delta R.T. -0.006 min

Lab File: BP017649.D

Acq: 11 Oct 2023 16:20

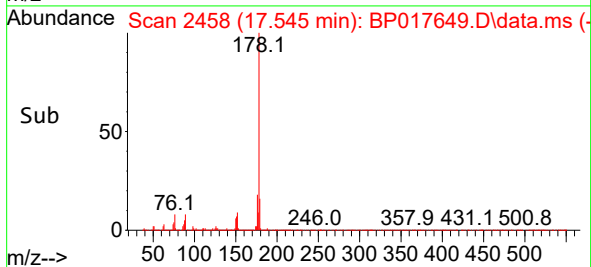
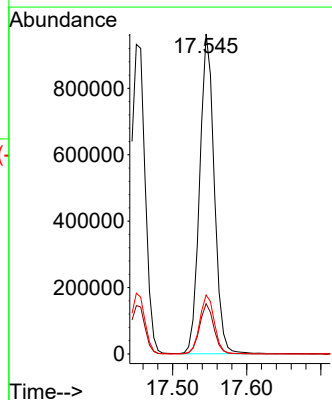
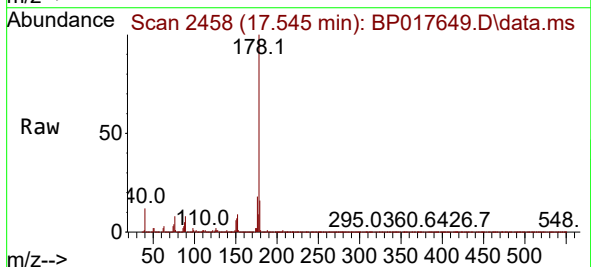
Tgt Ion:178 Resp: 1313887

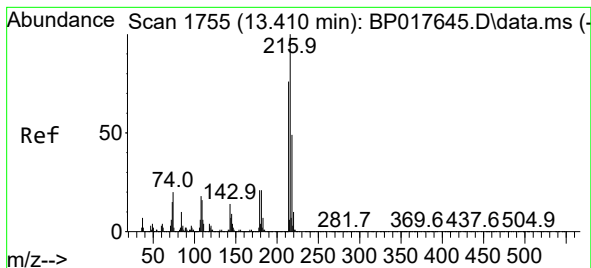
Ion Ratio Lower Upper

178 100

179 15.7 12.3 18.5

176 18.4 15.0 22.6

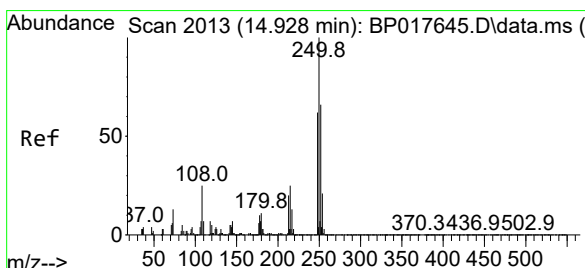
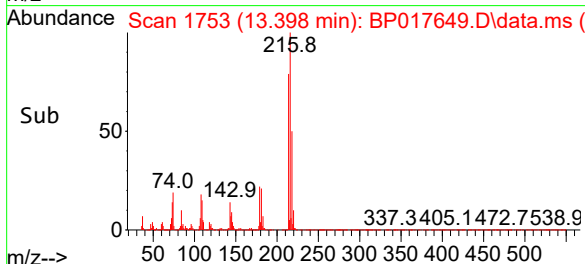
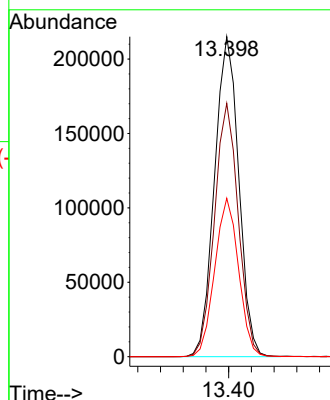
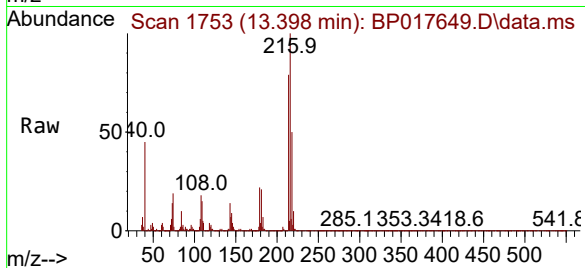




#75
1,2,3,4-Tetrachlorobenzene
Concen: 37.204 ng/uL
RT: 13.398 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

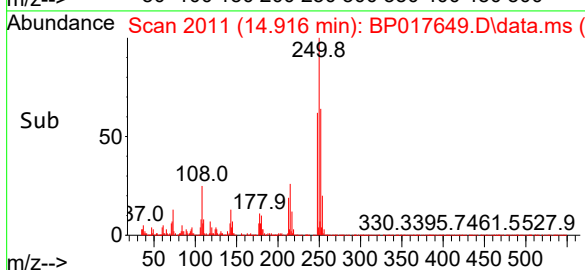
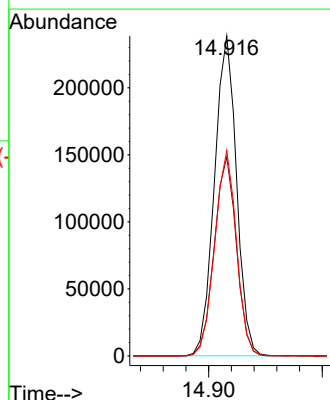
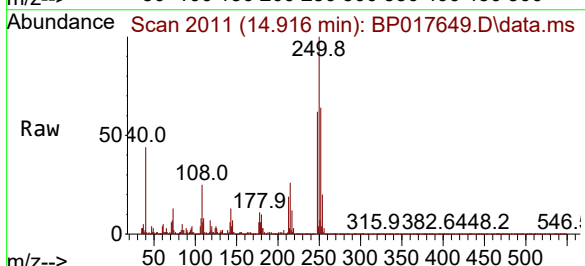
Instrument :
BNA_P
ClientSampleId :
SLCS277

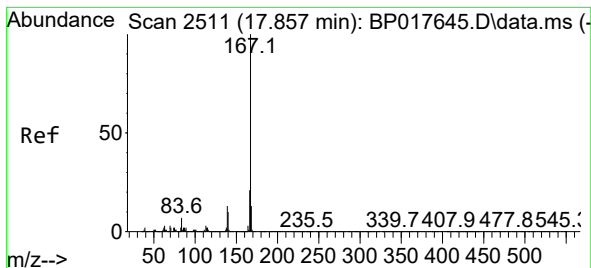
Tgt Ion:216 Resp: 318755
Ion Ratio Lower Upper
216 100
214 79.2 61.1 91.7
218 49.5 37.1 55.7



#76
Pentachlorobenzene
Concen: 36.831 ng/uL
RT: 14.916 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

Tgt Ion:250 Resp: 321705
Ion Ratio Lower Upper
250 100
248 62.2 49.6 74.4
252 64.1 50.9 76.3





#77

Carbazole

Concen: 41.638 ng/ul

RT: 17.839 min Scan# 2508

Delta R.T. -0.006 min

Lab File: BP017649.D

Acq: 11 Oct 2023 16:20

Instrument :

BNA_P

ClientSampleId :

SLCS277

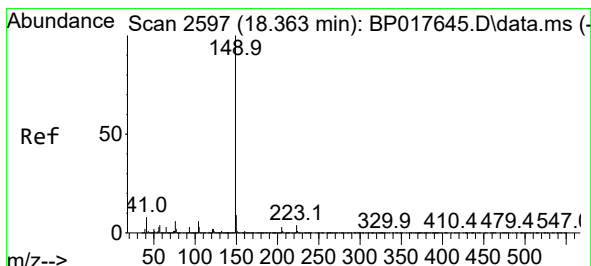
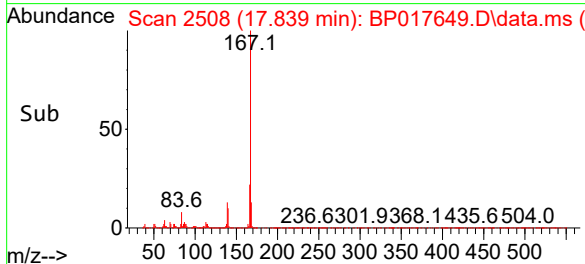
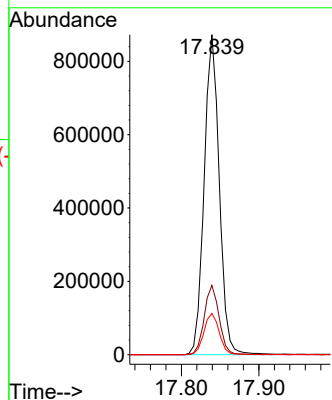
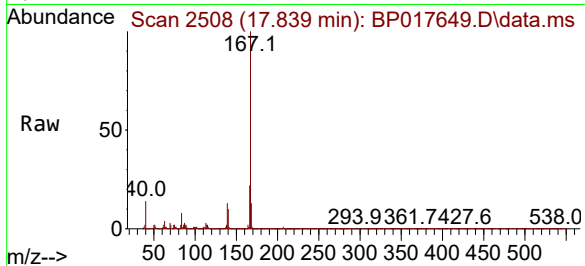
Tgt Ion:167 Resp: 1182414

Ion Ratio Lower Upper

167 100

166 21.7 17.1 25.7

139 12.9 10.0 15.0



#78

Di-n-butylphthalate

Concen: 42.472 ng/ul

RT: 18.351 min Scan# 2595

Delta R.T. -0.000 min

Lab File: BP017649.D

Acq: 11 Oct 2023 16:20

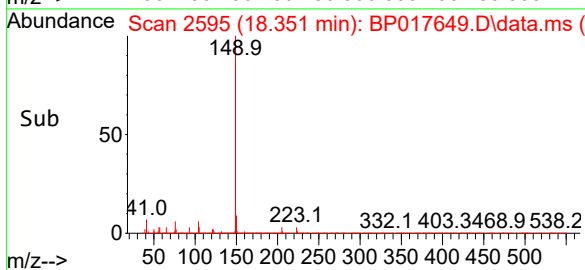
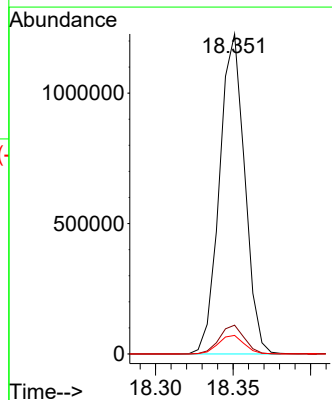
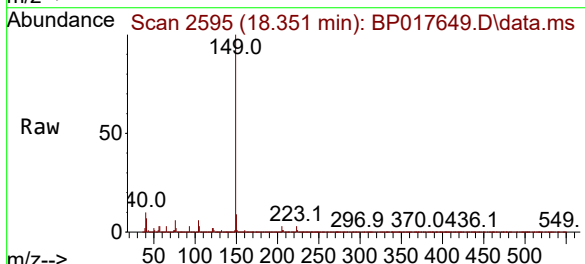
Tgt Ion:149 Resp: 1387553

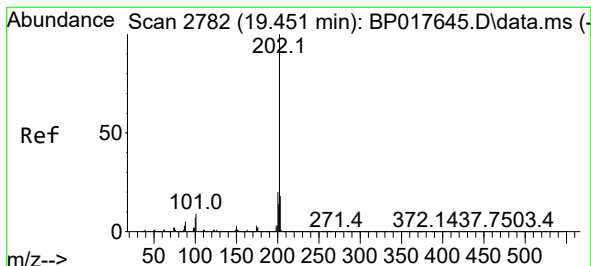
Ion Ratio Lower Upper

149 100

150 9.0 7.2 10.8

104 5.8 4.6 6.8





#80

Fluoranthene

Concen: 39.483 ng/ul

RT: 19.433 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP017649.D

Acq: 11 Oct 2023 16:20

Instrument :

BNA_P

ClientSampleId :

SLCS277

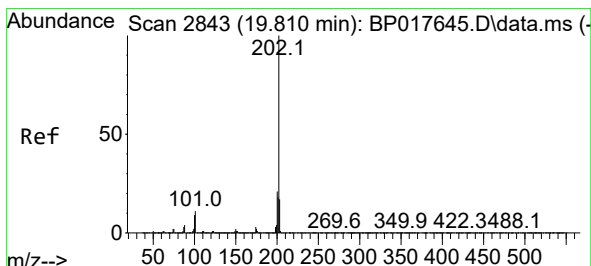
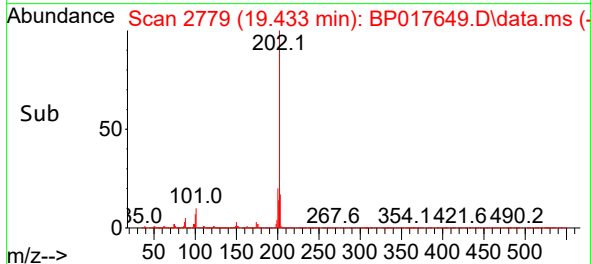
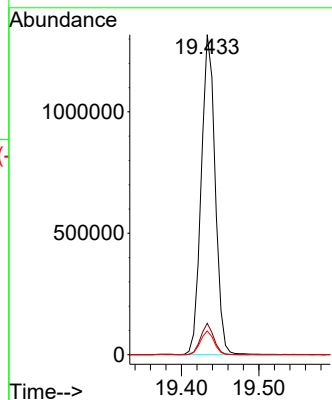
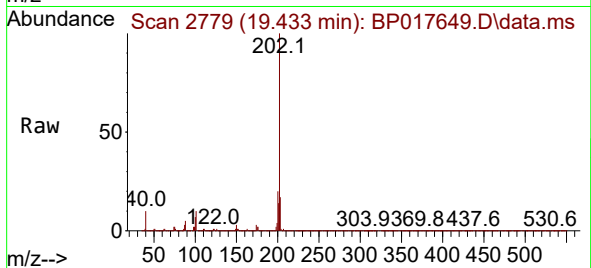
Tgt Ion:202 Resp: 1646589

Ion Ratio Lower Upper

202 100

101 9.8 7.4 11.0

100 7.4 5.9 8.9



#82

Pyrene

Concen: 39.456 ng/ul

RT: 19.792 min Scan# 2840

Delta R.T. -0.006 min

Lab File: BP017649.D

Acq: 11 Oct 2023 16:20

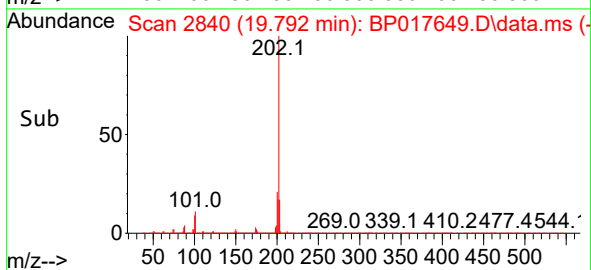
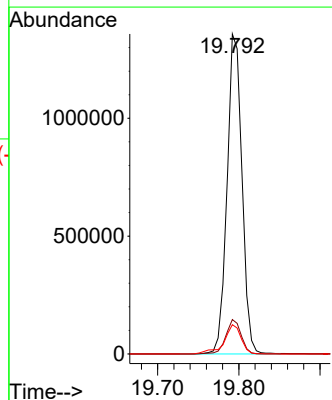
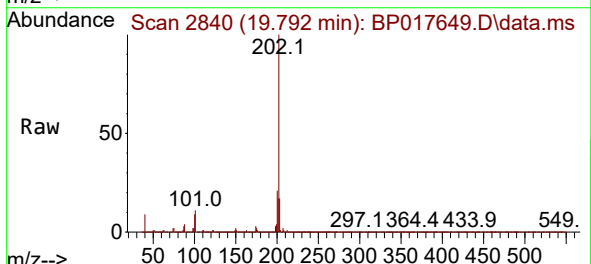
Tgt Ion:202 Resp: 1737233

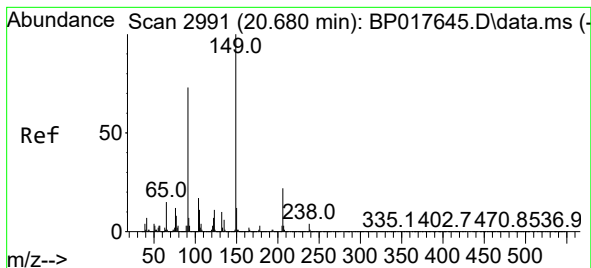
Ion Ratio Lower Upper

202 100

101 10.8 9.4 14.0

100 9.1 7.4 11.0





#83

Butylbenzylphthalate

Concen: 41.126 ng/ul

RT: 20.669 min Scan# 2991

Delta R.T. -0.000 min

Lab File: BP017649.D

Acq: 11 Oct 2023 16:20

Instrument :

BNA_P

ClientSampleId :

SLCS277

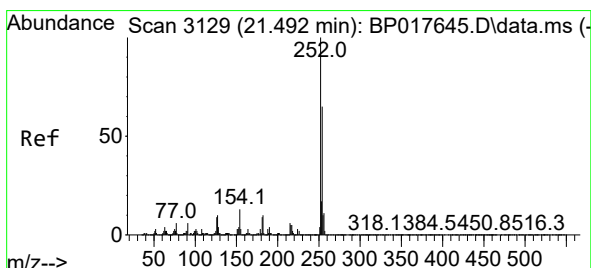
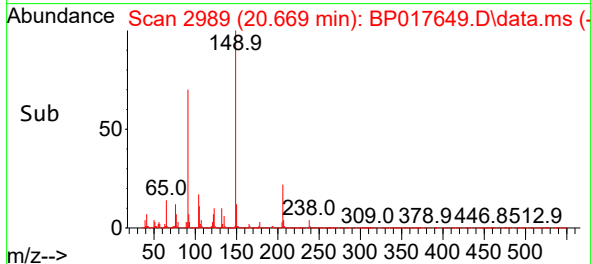
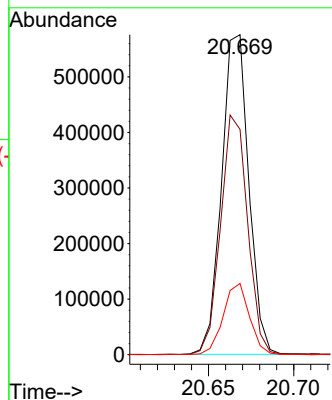
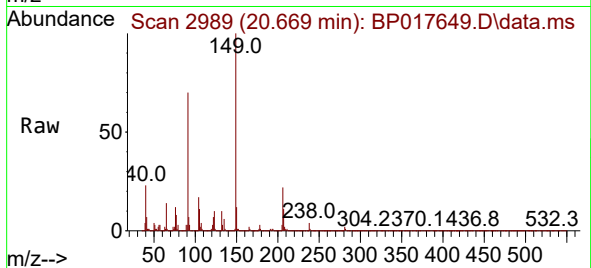
Tgt Ion:149 Resp: 639907

Ion Ratio Lower Upper

149 100

91 70.4 57.1 85.7

206 22.2 17.6 26.4



#84

3,3'-Dichlorobenzidine

Concen: 40.878 ng/ul

RT: 21.474 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BP017649.D

Acq: 11 Oct 2023 16:20

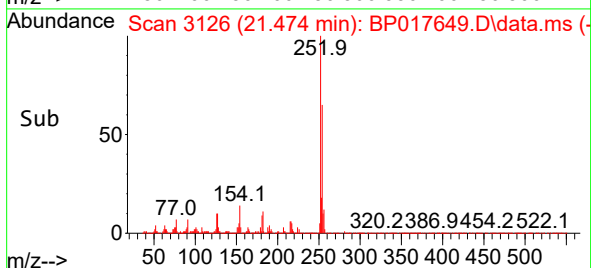
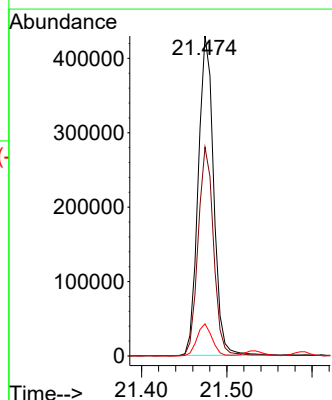
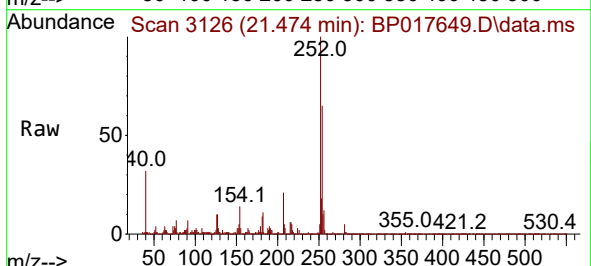
Tgt Ion:252 Resp: 540774

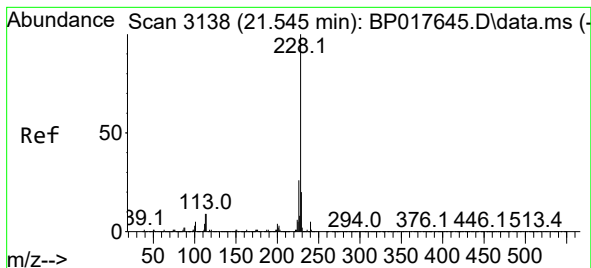
Ion Ratio Lower Upper

252 100

254 65.3 51.5 77.3

126 10.0 7.8 11.8





#85

Benzo(a)anthracene

Concen: 41.253 ng/ul

RT: 21.533 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BP017649.D

Acq: 11 Oct 2023 16:20

Instrument :

BNA_P

ClientSampleId :

SLCS277

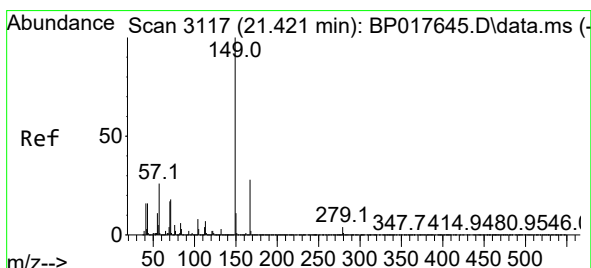
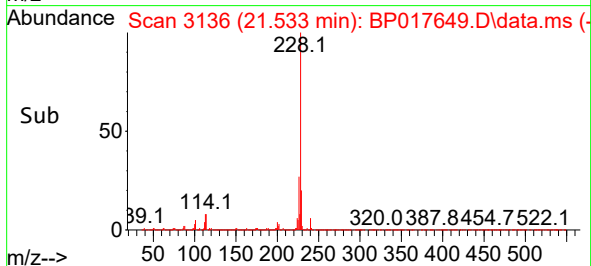
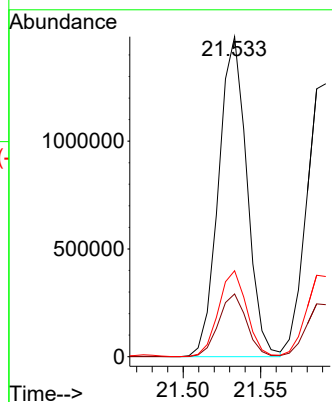
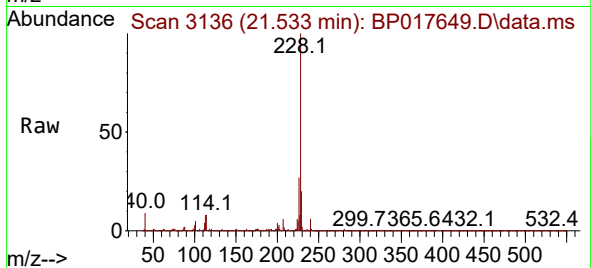
Tgt Ion:228 Resp: 1884274

Ion Ratio Lower Upper

228 100

229 19.6 15.5 23.3

226 26.8 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 41.804 ng/ul

RT: 21.410 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BP017649.D

Acq: 11 Oct 2023 16:20

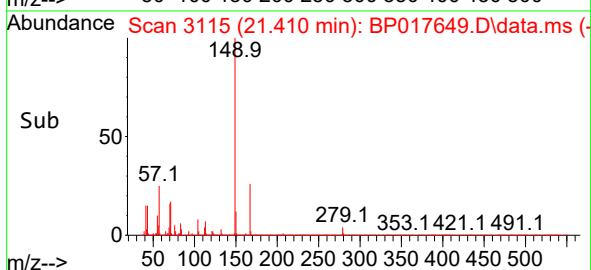
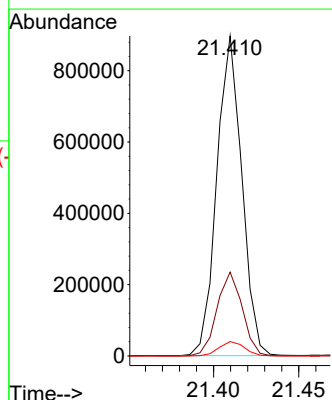
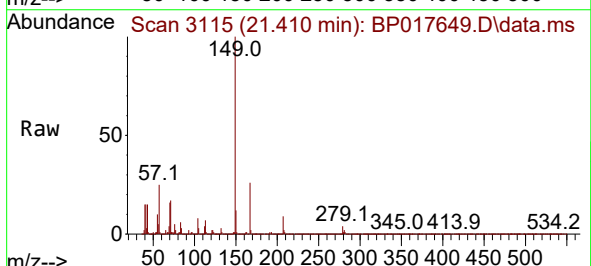
Tgt Ion:149 Resp: 915983

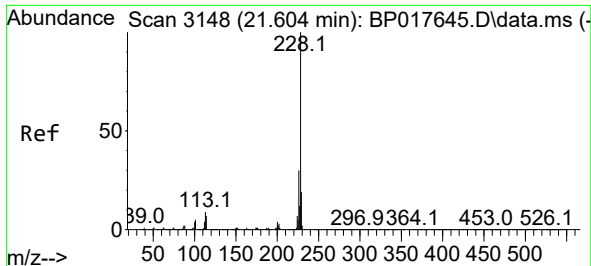
Ion Ratio Lower Upper

149 100

167 26.2 21.7 32.5

279 4.5 3.6 5.4

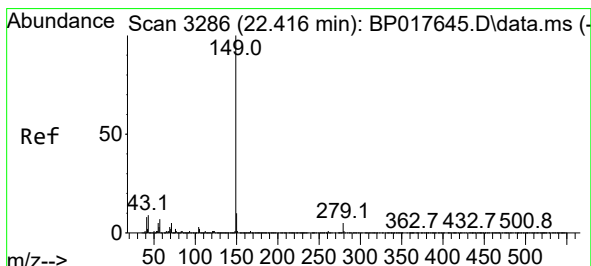
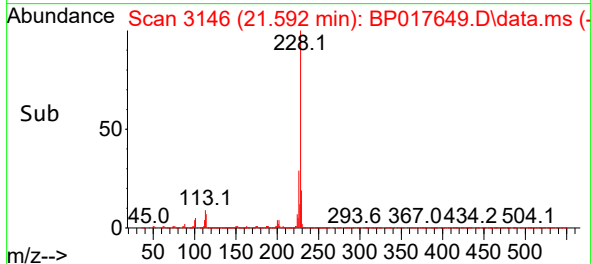
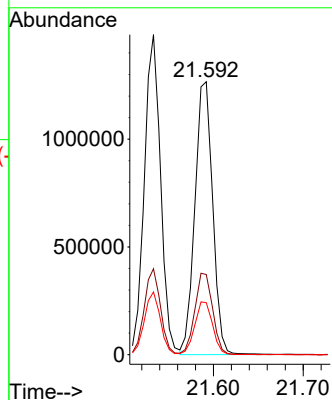
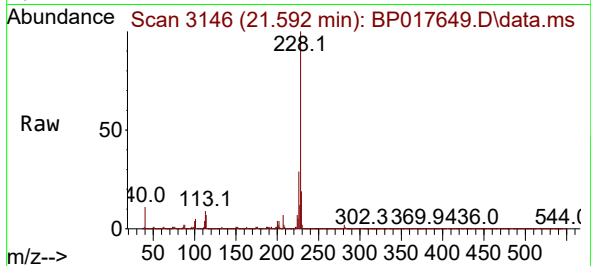




#87
Chrysene
Concen: 40.833 ng/ul
RT: 21.592 min Scan# 3148
Delta R.T. -0.000 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

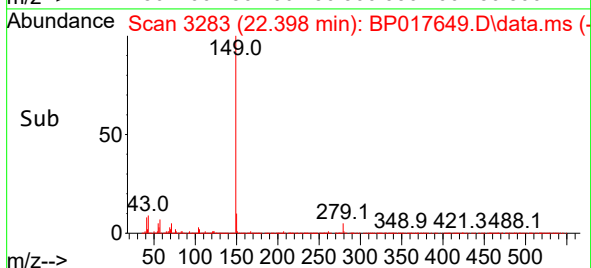
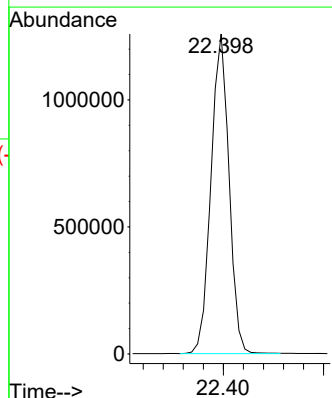
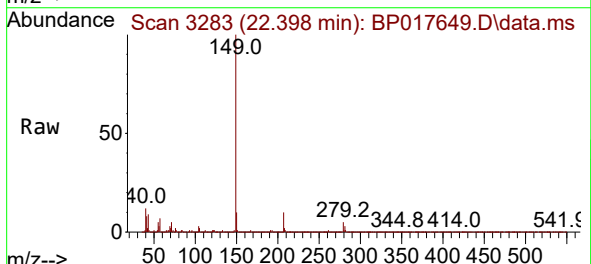
Instrument :
BNA_P
ClientSampleId :
SLCS277

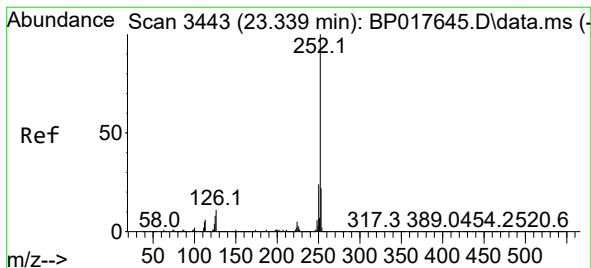
Tgt Ion:228 Resp: 1742970
Ion Ratio Lower Upper
228 100
226 29.3 23.8 35.6
229 19.1 15.7 23.5



#89
Di-n-octyl phthalate
Concen: 38.019 ng/ul
RT: 22.398 min Scan# 3283
Delta R.T. -0.000 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

Tgt Ion:149 Resp: 1569587





#90

Benzo(b)fluoranthene

Concen: 42.233 ng/ul

RT: 23.321 min Scan# 3443

Delta R.T. -0.006 min

Lab File: BP017649.D

Acq: 11 Oct 2023 16:20

Instrument :

BNA_P

ClientSampleId :

SLCS277

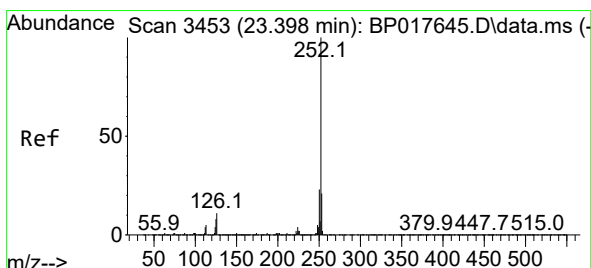
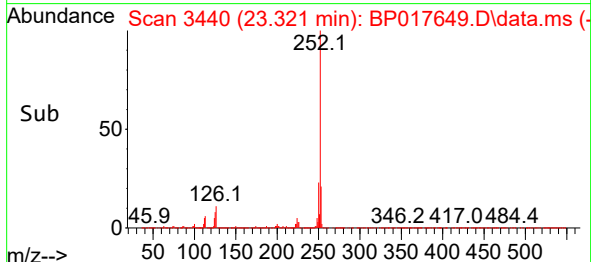
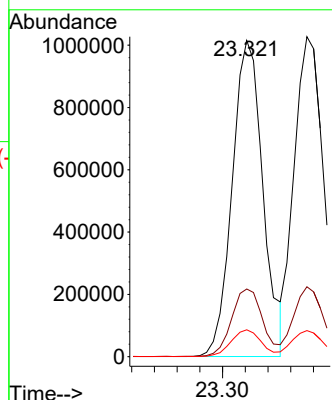
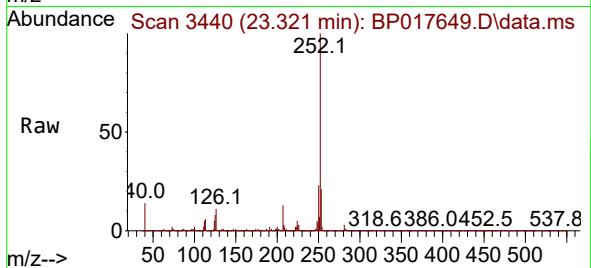
Tgt Ion:252 Resp: 1903527

Ion Ratio Lower Upper

252 100

253 21.4 17.0 25.6

125 8.5 6.6 10.0



#91

Benzo(k)fluoranthene

Concen: 40.936 ng/ul

RT: 23.374 min Scan# 3449

Delta R.T. -0.006 min

Lab File: BP017649.D

Acq: 11 Oct 2023 16:20

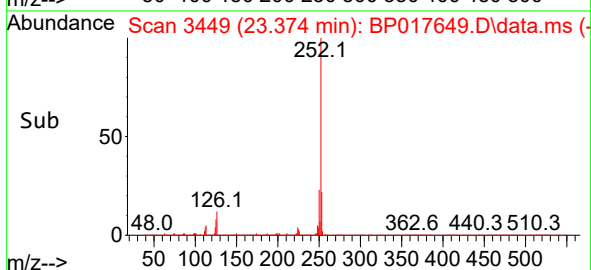
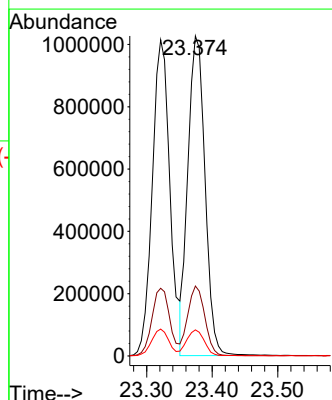
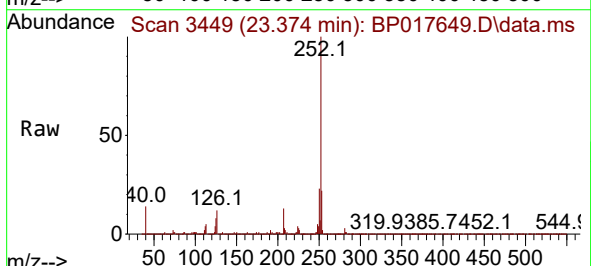
Tgt Ion:252 Resp: 1859465

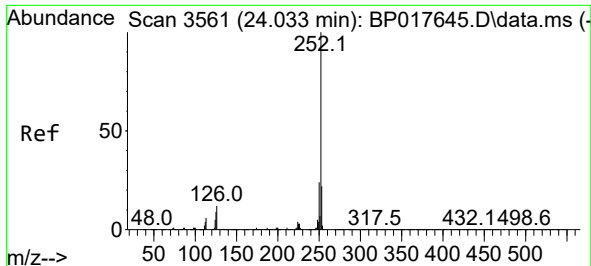
Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

125 8.2 6.6 10.0

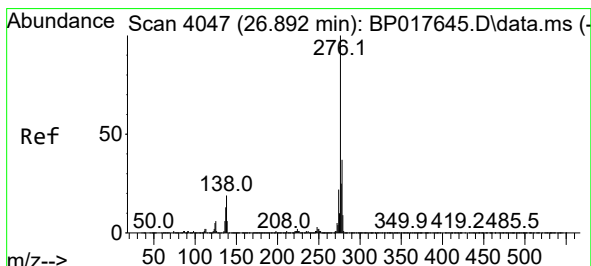
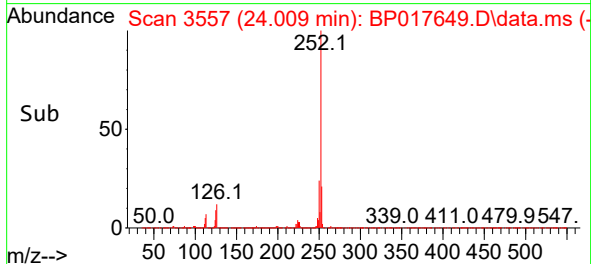
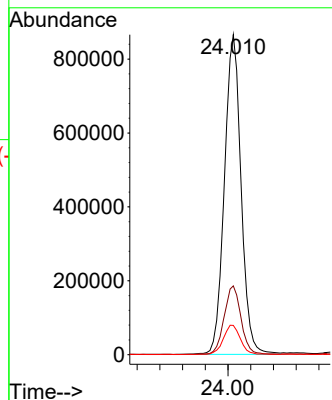
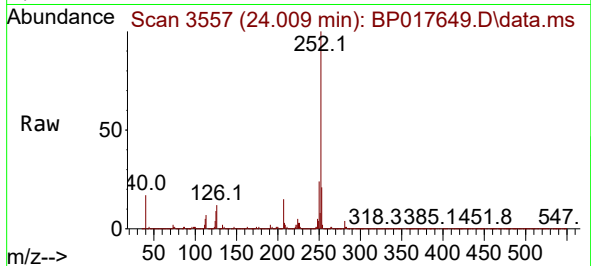




#93
Benzo(a)pyrene
Concen: 42.182 ng/ul
RT: 24.009 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

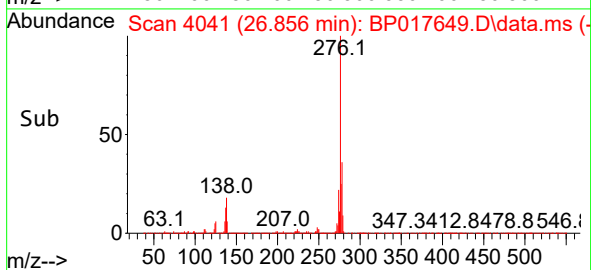
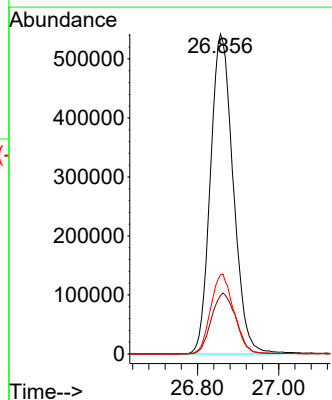
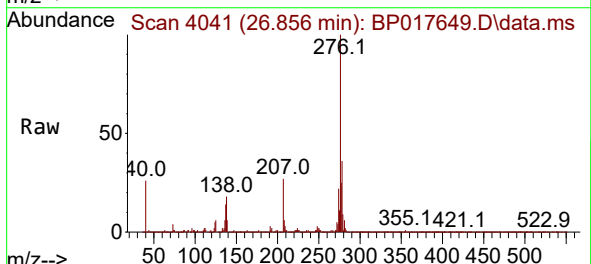
Instrument :
BNA_P
ClientSampleId :
SLCS277

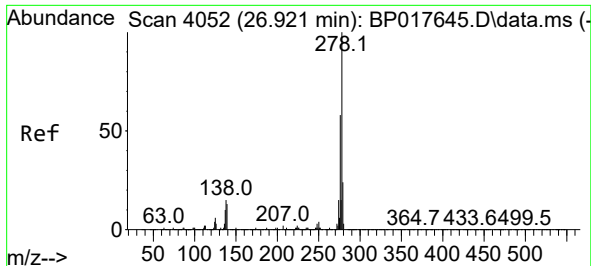
Tgt Ion:252 Resp: 1768611
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 9.1 8.1 12.1



#94
Indeno(1,2,3-cd)pyrene
Concen: 42.098 ng/ul
RT: 26.856 min Scan# 4041
Delta R.T. -0.000 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

Tgt Ion:276 Resp: 2110142
Ion Ratio Lower Upper
276 100
138 18.3 14.5 21.7
277 24.8 19.3 28.9

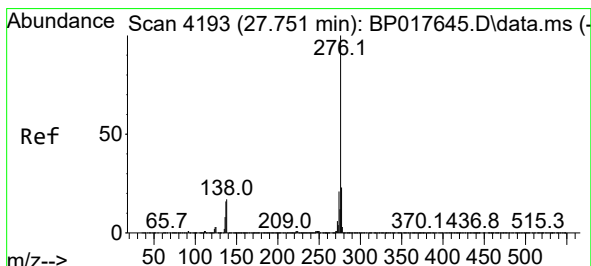
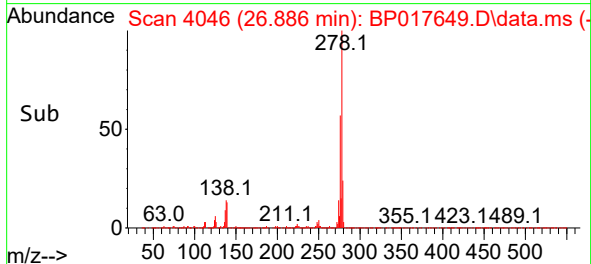
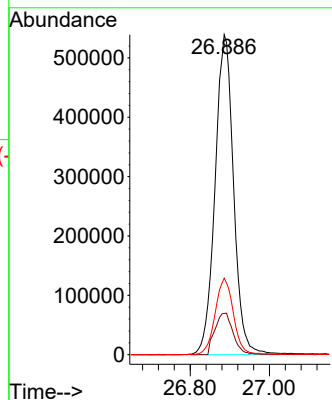
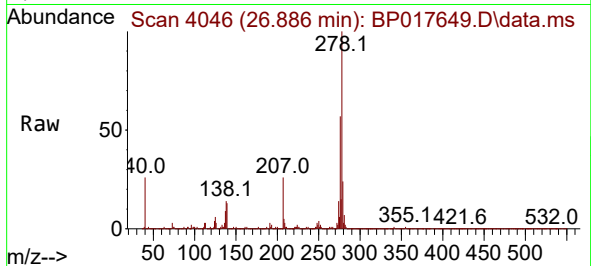




#95
Dibenzo(a,h)anthracene
Concen: 42.619 ng/ul
RT: 26.886 min Scan# 4052
Delta R.T. -0.006 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

Instrument :
BNA_P
ClientSampleId :
SLCS277

Tgt Ion:278 Resp: 1749447
Ion Ratio Lower Upper
278 100
139 12.9 11.0 16.6
279 23.9 19.9 29.9



#96
Benzo(g,h,i)perylene
Concen: 42.520 ng/ul
RT: 27.715 min Scan# 4187
Delta R.T. -0.000 min
Lab File: BP017649.D
Acq: 11 Oct 2023 16:20

Tgt Ion:276 Resp: 1736898
Ion Ratio Lower Upper
276 100
138 17.1 15.8 23.6
277 23.7 19.0 28.6

