

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052323\
 Data File : BP015245.D
 Acq On : 23 May 2023 17:40
 Operator : CG/JU
 Sample : PB152971BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS971

Quant Time: May 23 22:21:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 23 01:25:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.122	152	213892	20.000	ng/u1	0.00
20) Naphthalene-d8	10.951	136	956290	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.757	164	599836	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.510	188	1290357	20.000	ng/u1	0.00
79) Chrysene-d12	21.586	240	871125	20.000	ng/u1	0.00
88) Perylene-d12	24.139	264	887709	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	29099	5.286	ng/uL	0.00
4) Pyridine-d5	3.864	84	403027	25.828	ng/u1	0.00
7) Phenol-d5	7.269	99	547986	27.593	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.440	67	331396	28.893	ng/u1	0.00
11) 2-Chlorophenol-d4	7.646	132	425074	29.111	ng/u1	0.00
15) 4-Methylphenol-d8	8.834	113	454625	28.729	ng/u1	0.00
21) Nitrobenzene-d5	9.299	128	219194	29.170	ng/u1	0.00
24) 2-Nitrophenol-d4	10.022	143	252541	30.204	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.563	165	456513	30.257	ng/u1	0.00
31) 4-Chloroaniline-d4	11.087	131	582256	26.083	ng/u1	0.00
46) Dimethylphthalate-d6	14.163	166	1359291	29.989	ng/u1	0.00
49) Acenaphthylene-d8	14.457	160	1532069	29.553	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	232615	26.429	ng/u1	0.00
60) Fluorene-d10	15.751	176	1135127	29.679	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	214089	26.327	ng/u1	0.00
73) Anthracene-d10	17.610	188	1664103	28.164	ng/u1	0.00
81) Pyrene-d10	19.827	212	1781361	35.258	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	1358417	30.826	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.464	88	63502	10.735	ng/uL	98
5) Pyridine	3.887	79	391160	24.102	ng/u1	98
6) Benzaldehyde	7.252	77	322449	59.072	ng/u1	100
8) Phenol	7.299	94	567577	27.871	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.534	93	445988	27.374	ng/u1	99
12) 2-Chlorophenol	7.681	128	435359	28.188	ng/u1	97
13) 2-Methylphenol	8.563	108	431502	27.416	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.652	45	576722	28.253	ng/u1	99
16) Acetophenone	8.952	105	689832	27.931	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.940	70	356066	27.489	ng/u1	96
18) 4-Methylphenol	8.899	108	477139	27.543	ng/u1	100
19) Hexachloroethane	9.210	117	175889	27.891	ng/u1	92
22) Nitrobenzene	9.340	77	543985	29.311	ng/u1	99
23) Isophorone	9.869	82	1015146	26.611	ng/u1	99
25) 2-Nitrophenol	10.057	139	265452	28.952	ng/u1	91
26) 2,4-Dimethylphenol	10.110	107	474173	25.916	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.351	93	637020	27.445	ng/u1	98
29) 2,4-Dichlorophenol	10.593	162	447835	29.385	ng/u1	99
30) Naphthalene	10.999	128	1422330	27.358	ng/u1	100
32) 4-Chloroaniline	11.110	127	555476	24.210	ng/u1	100
33) Hexachlorobutadiene	11.281	225	276923	30.149	ng/u1	99
34) Caprolactam	11.893	113	112518	19.583	ng/u1	95
35) 4-Chloro-3-methylphenol	12.222	107	504070	29.292	ng/u1	96
36) 2-Methylnaphthalene	12.598	142	978909	27.945	ng/u1	98

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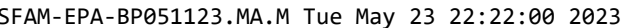
Instrument :
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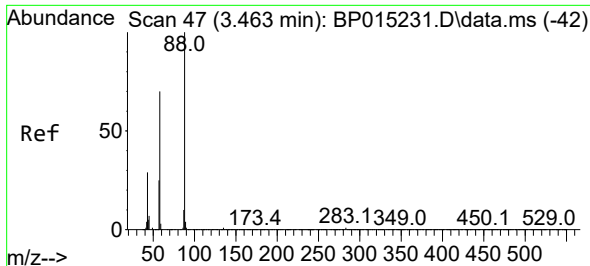
Quant Time: May 23 22:21:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 23 01:25:41 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.816	142	1002782	28.506	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.963	216	545456	30.405	ng/ul	100
40) Hexachlorocyclopentadiene	12.934	237	204533	17.597	ng/ul	98
41) 2,4,6-Trichlorophenol	13.198	196	363812	28.719	ng/ul	97
42) 2,4,5-Trichlorophenol	13.269	196	397398	28.933	ng/ul	99
43) 1,1'-Biphenyl	13.592	154	1330413	28.587	ng/ul	100
44) 2-Chloronaphthalene	13.640	162	1044911	28.750	ng/ul	99
45) 2-Nitroaniline	13.845	65	321863	30.951	ng/ul	93
47) Dimethylphthalate	14.210	163	1348455	28.566	ng/ul	100
48) 2,6-Dinitrotoluene	14.334	165	288199	30.816	ng/ul	99
50) Acenaphthylene	14.481	152	1619751	28.003	ng/ul	99
51) 3-Nitroaniline	14.663	138	280802	33.345	ng/ul	97
52) Acenaphthene	14.822	153	1114334	28.207	ng/ul	100
53) 2,4-Dinitrophenol	14.875	184	132227	21.294	ng/ul	96
55) 4-Nitrophenol	14.969	109	192694	29.766	ng/ul	87
56) Dibenzofuran	15.157	168	1575874	28.679	ng/ul	98
57) 2,4-Dinitrotoluene	15.122	165	408274	30.169	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.381	232	331551	28.602	ng/ul	99
59) Diethylphthalate	15.569	149	1371640	29.133	ng/ul	100
61) Fluorene	15.804	166	1251202	28.334	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.792	204	630665	29.230	ng/ul	95
63) 4-Nitroaniline	15.828	138	265681	36.534	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.886	198	214876	25.603	ng/ul#	98
67) N-Nitrosodiphenylamine	16.010	169	1087440	28.661	ng/ul	99
68) 4-Bromophenyl-phenylether	16.692	248	404271	30.417	ng/ul	98
69) Hexachlorobenzene	16.810	284	461466	29.381	ng/ul	97
70) Atrazine	16.957	200	305873	21.811	ng/ul	99
71) Pentachlorophenol	17.157	266	245004	24.938	ng/ul	99
72) Phenanthrene	17.557	178	1996699	28.417	ng/ul	100
74) Anthracene	17.645	178	1944549	27.368	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.563	216	553927	30.277	ng/ul	99
76) Pentachlorobenzene	15.075	250	538037	29.289	ng/ul	98
77) Carbazole	17.910	167	1748355	28.061	ng/ul	99
78) Di-n-butylphthalate	18.439	149	2366815	29.498	ng/ul	99
80) Fluoranthene	19.504	202	2171465	35.262	ng/ul	99
82) Pyrene	19.857	202	2166258	34.065	ng/ul	99
83) Butylbenzylphthalate	20.710	149	955853	33.905	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.492	252	576359	30.125	ng/ul	99
85) Benzo(a)anthracene	21.569	228	1819577	30.209	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.469	149	1406860	34.663	ng/ul	100
87) Chrysene	21.627	228	1696188	29.458	ng/ul	98
89) Di-n-octyl phthalate	22.439	149	2175651	35.786	ng/ul	100
90) Benzo(b)fluoranthene	23.351	252	1733100	30.796	ng/ul	99
91) Benzo(k)fluoranthene	23.404	252	1635985	30.275	ng/ul	99
93) Benzo(a)pyrene	24.027	252	1465116	29.454	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.851	276	1883360	29.242	ng/ul	100
95) Dibenzo(a,h)anthracene	26.868	278	1561051	29.526	ng/ul	99
96) Benzo(g,h,i)perylene	27.680	276	1541904	29.358	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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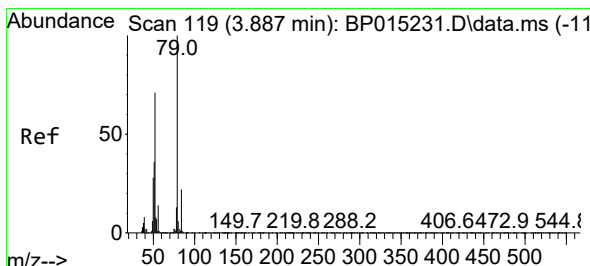
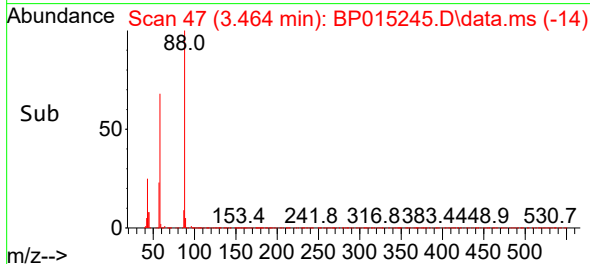
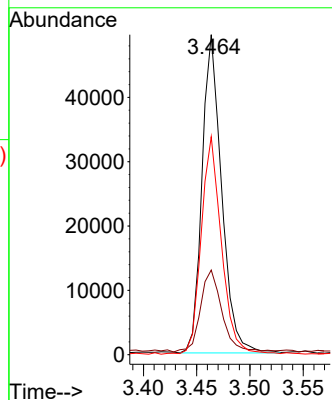
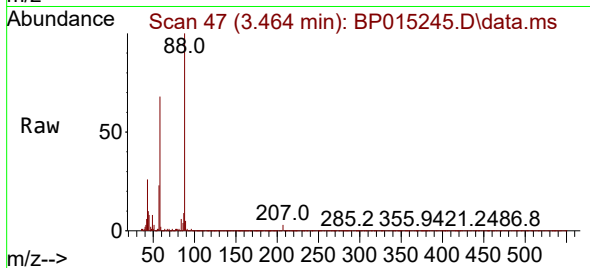




#2
 1,4-Dioxane
 Concen: 10.735 ng/uL
 RT: 3.464 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BP015245.D
 Acq: 23 May 2023 17:40

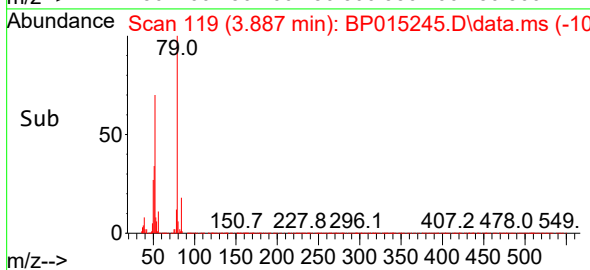
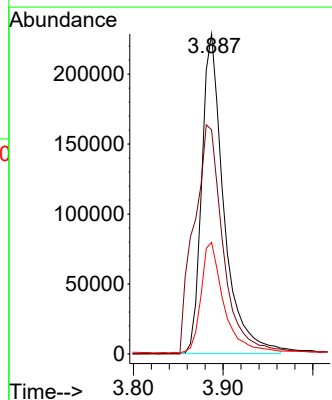
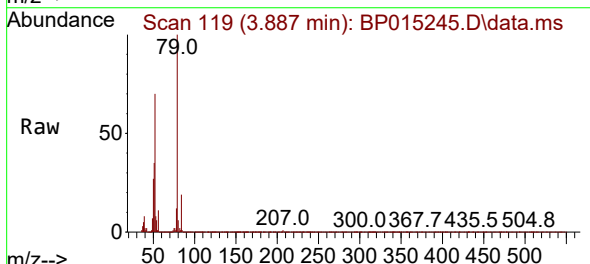
Instrument :
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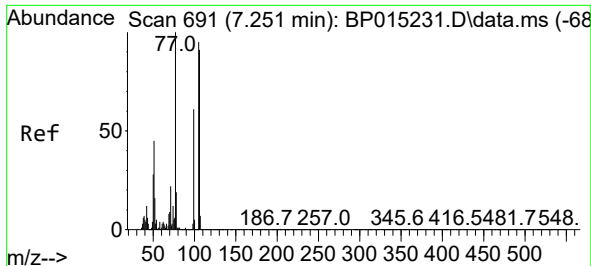
Tgt Ion: 88 Resp: 63502
 Ion Ratio Lower Upper
 88 100
 43 26.4 20.4 30.6
 58 68.1 55.4 83.2



#5
 Pyridine
 Concen: 24.102 ng/uL
 RT: 3.887 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: BP015245.D
 Acq: 23 May 2023 17:40

Tgt Ion: 79 Resp: 391160
 Ion Ratio Lower Upper
 79 100
 52 70.0 55.4 83.2
 51 34.9 25.4 38.2

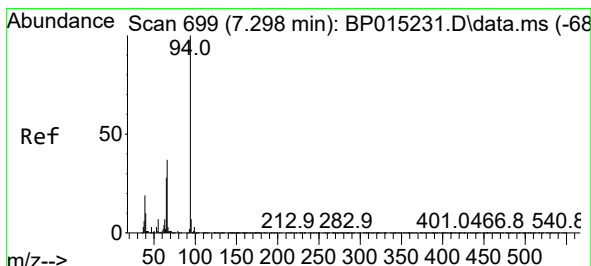
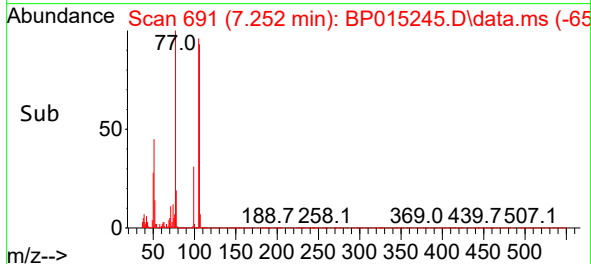
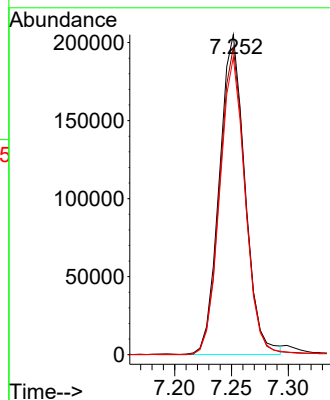
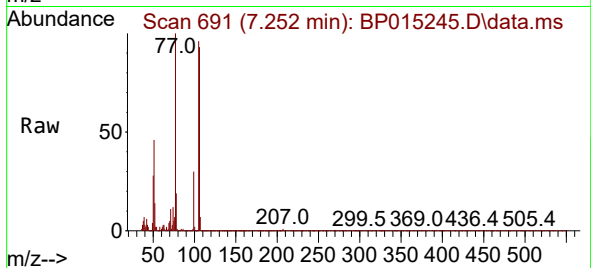




#6
Benzaldehyde
Concen: 59.072 ng/ul
RT: 7.252 min Scan# 691
Delta R.T. -0.000 min
Lab File: BP015245.D
Acq: 23 May 2023 17:40

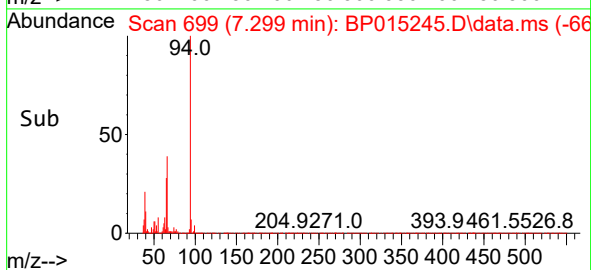
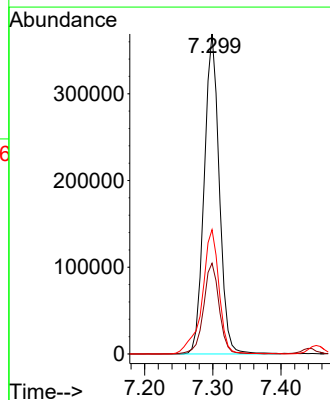
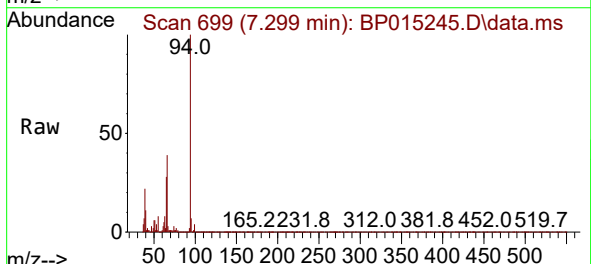
Instrument :
BNA_P
ClientSampleId :
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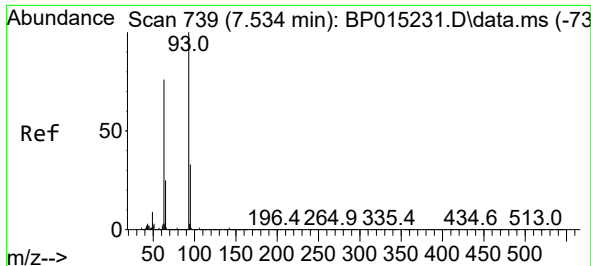
Tgt Ion: 77 Resp: 322449
Ion Ratio Lower Upper
77 100
105 96.0 76.9 115.3
106 92.9 75.0 112.6



#8
Phenol
Concen: 27.871 ng/ul
RT: 7.299 min Scan# 699
Delta R.T. -0.000 min
Lab File: BP015245.D
Acq: 23 May 2023 17:40

Tgt Ion: 94 Resp: 567577
Ion Ratio Lower Upper
94 100
65 28.3 20.6 31.0
66 38.9 26.1 39.1





#10

Bis(2-Chloroethyl)ether

Concen: 27.374 ng/ul

RT: 7.534 min Scan# 739

Delta R.T. -0.000 min

Lab File: BP015245.D

Acq: 23 May 2023 17:40

Instrument :

BNA_P

ClientSampleId :

SLCS971

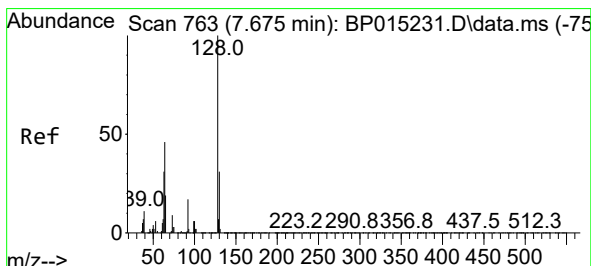
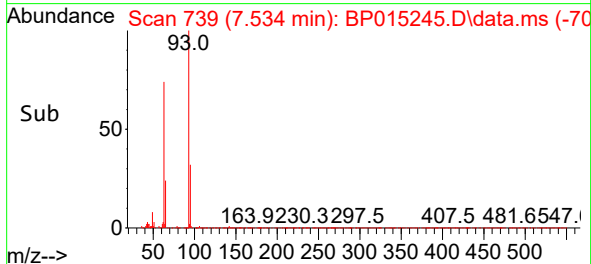
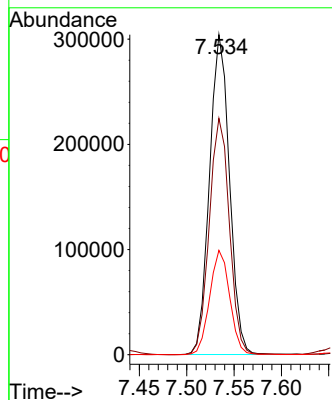
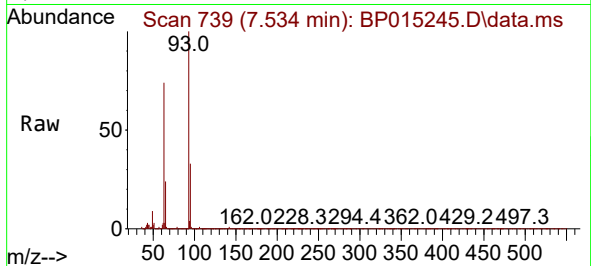
Tgt Ion: 93 Resp: 445988

Ion Ratio Lower Upper

93 100

63 73.9 58.0 87.0

95 32.6 26.4 39.6



#12

2-Chlorophenol

Concen: 28.188 ng/ul

RT: 7.681 min Scan# 764

Delta R.T. -0.000 min

Lab File: BP015245.D

Acq: 23 May 2023 17:40

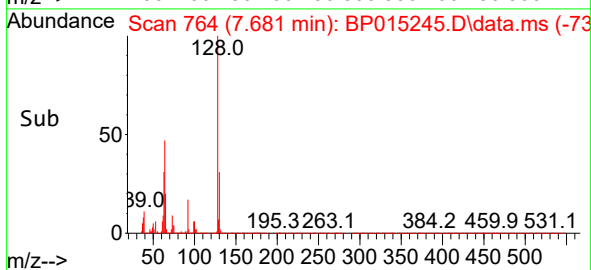
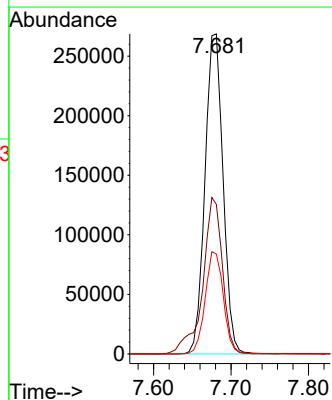
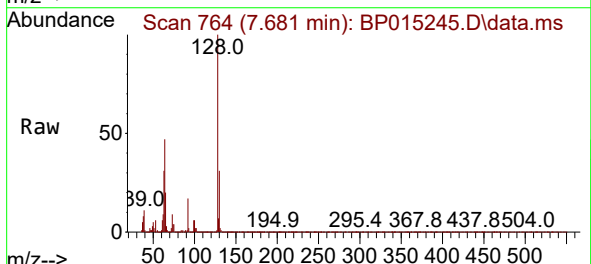
Tgt Ion:128 Resp: 435359

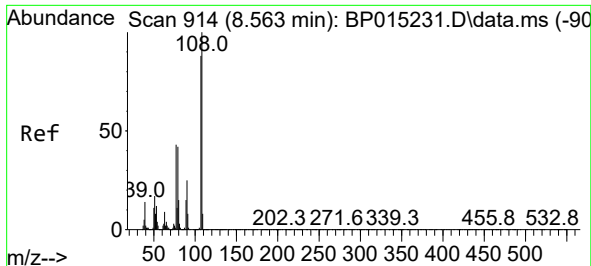
Ion Ratio Lower Upper

128 100

64 46.8 36.2 54.2

130 31.2 26.3 39.5





#13

2-Methylphenol

Concen: 27.416 ng/ul

RT: 8.563 min Scan# 914

Delta R.T. -0.000 min

Lab File: BP015245.D

Acq: 23 May 2023 17:40

Instrument :

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ClientSampleId :

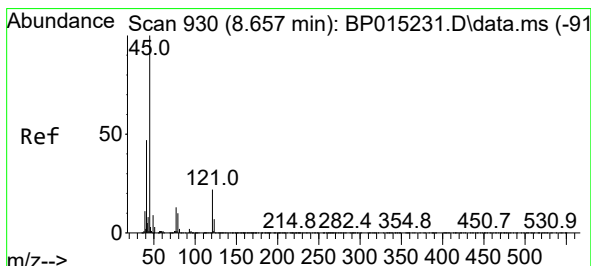
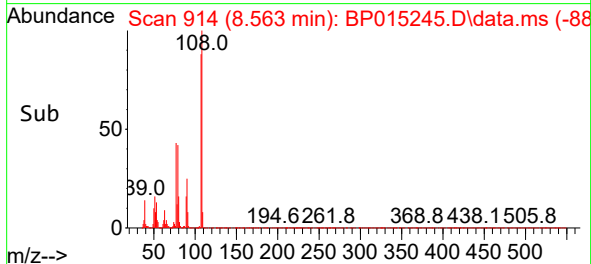
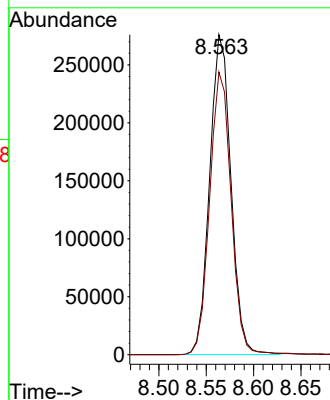
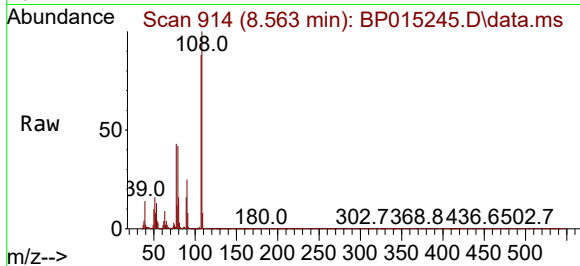
SLCS971

Tgt Ion:108 Resp: 431502

Ion Ratio Lower Upper

108 100

107 88.4 71.8 107.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 28.253 ng/ul

RT: 8.652 min Scan# 929

Delta R.T. -0.006 min

Lab File: BP015245.D

Acq: 23 May 2023 17:40

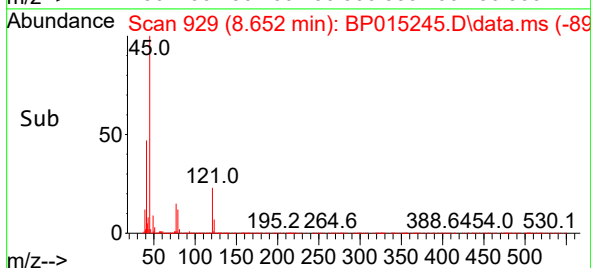
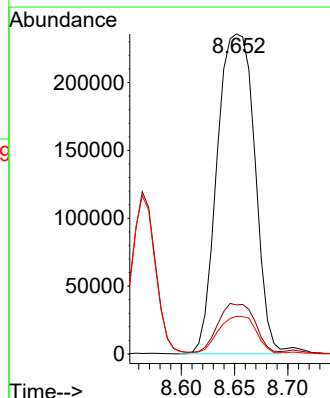
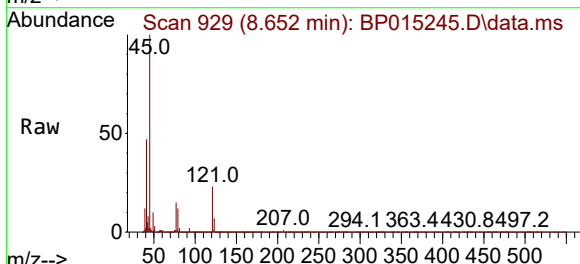
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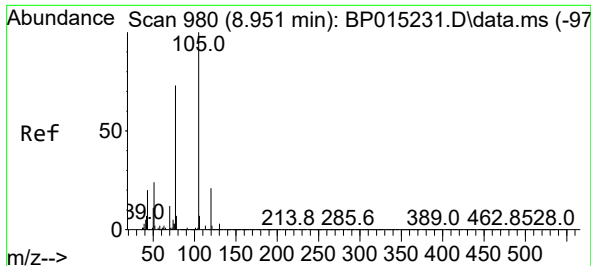
Ion Ratio Lower Upper

45 100

77 15.3 12.8 19.2

79 11.7 9.5 14.3

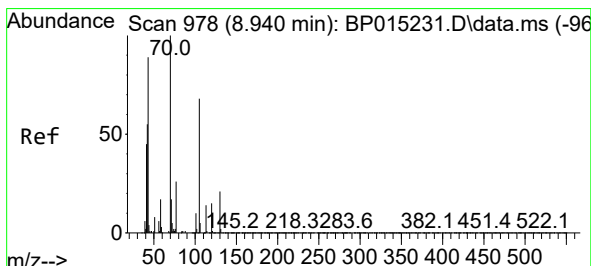
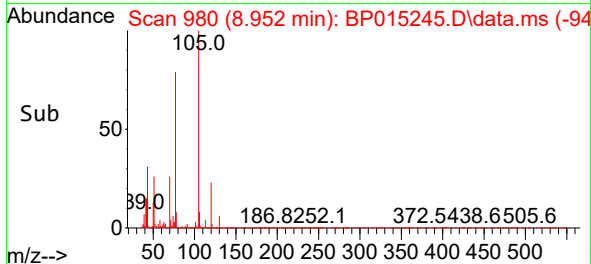
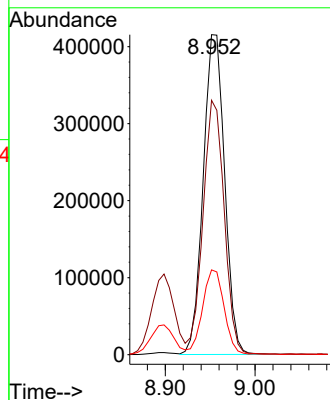
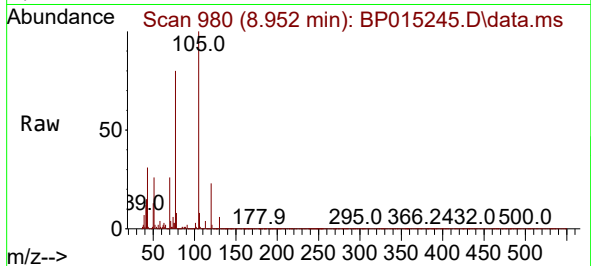




#16
Acetophenone
Concen: 27.931 ng/ul
RT: 8.952 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP015245.D
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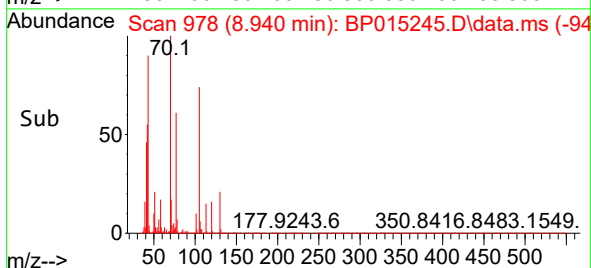
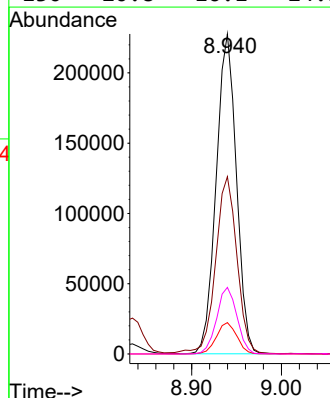
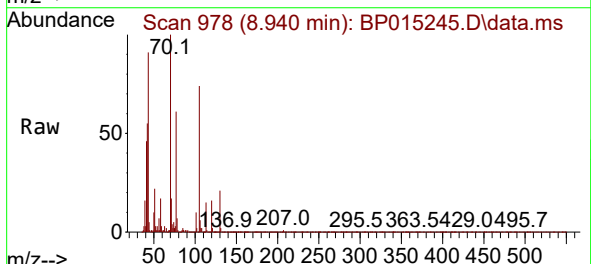
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BNA_P
ClientSampleId :
SLCS971

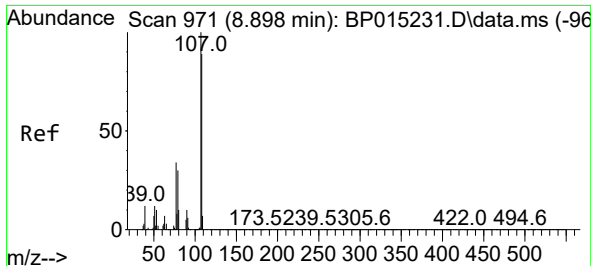
Tgt Ion:105 Resp: 689832
Ion Ratio Lower Upper
105 100
77 79.5 59.4 89.2
51 26.5 19.2 28.8



#17
N-Nitroso-di-n-propylamine
Concen: 27.489 ng/ul
RT: 8.940 min Scan# 978
Delta R.T. -0.000 min
Lab File: BP015245.D
Acq: 23 May 2023 17:40

Tgt Ion: 70 Resp: 356066
Ion Ratio Lower Upper
70 100
42 55.4 41.0 61.6
101 9.8 7.9 11.9
130 20.8 16.1 24.1





#18

4-Methylphenol

Concen: 27.543 ng/ul

RT: 8.899 min Scan# 91

Delta R.T. -0.000 min

Lab File: BP015245.D

Acq: 23 May 2023 17:40

Instrument :

BNA_P

ClientSampleId :

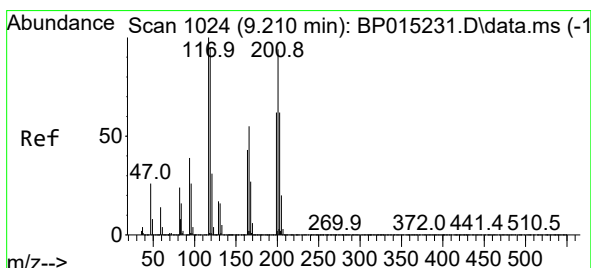
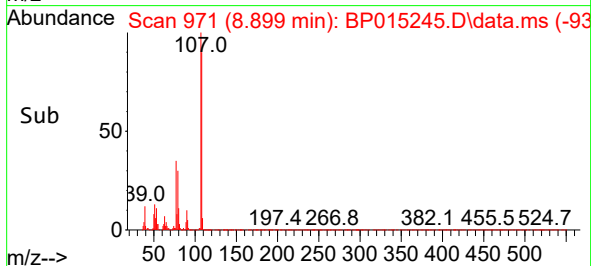
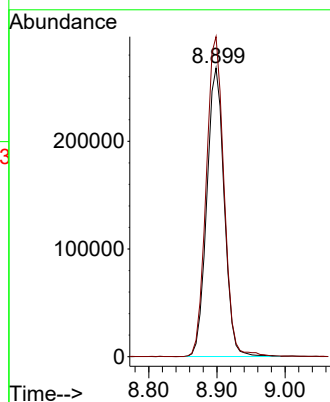
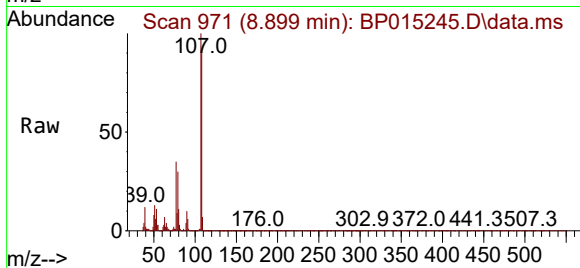
SLCS971

Tgt Ion:108 Resp: 477139

Ion Ratio Lower Upper

108 100

107 110.9 88.5 132.7



#19

Hexachloroethane

Concen: 27.891 ng/ul

RT: 9.210 min Scan# 1024

Delta R.T. -0.000 min

Lab File: BP015245.D

Acq: 23 May 2023 17:40

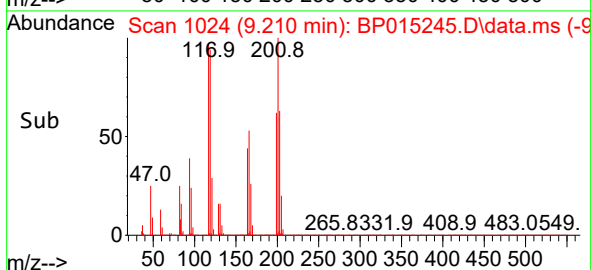
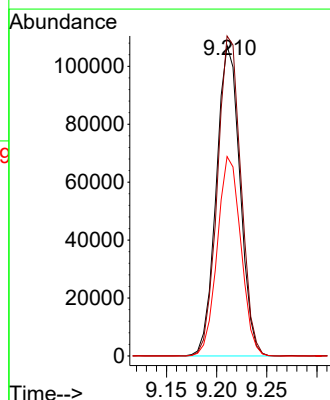
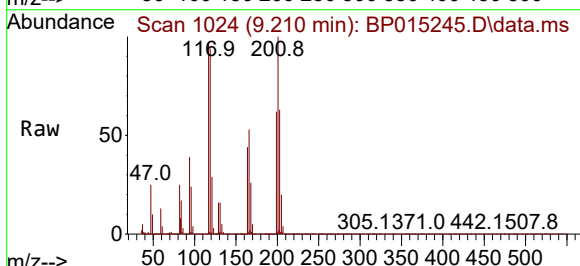
Tgt Ion:117 Resp: 175889

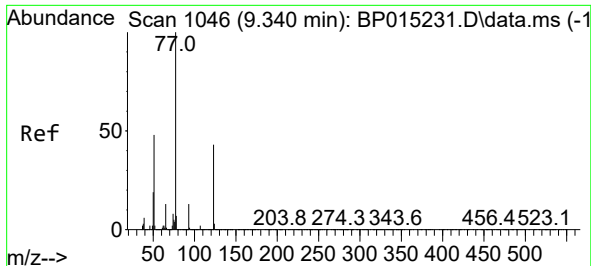
Ion Ratio Lower Upper

117 100

201 103.2 75.8 113.8

199 64.3 46.5 69.7

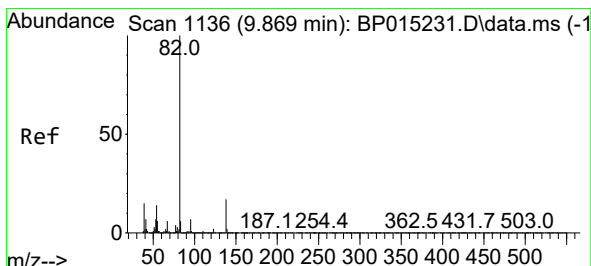
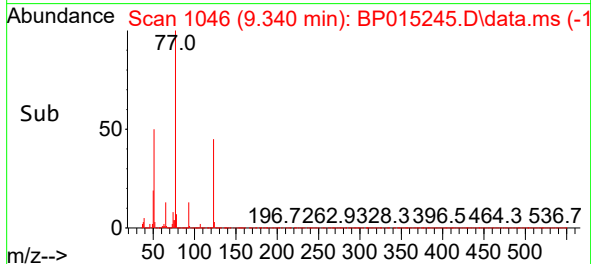
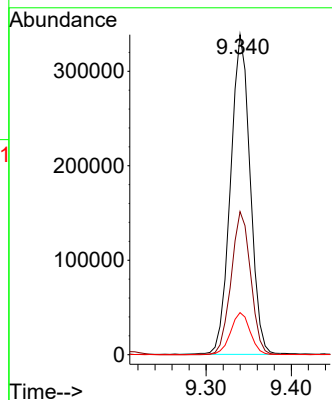
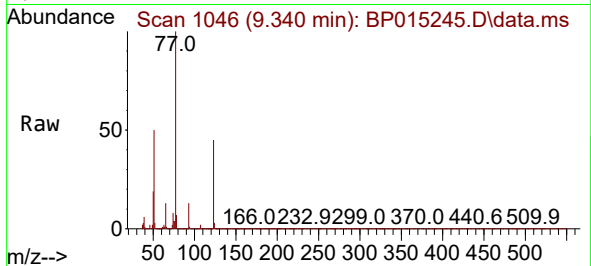




#22
Nitrobenzene
Concen: 29.311 ng/ul
RT: 9.340 min Scan# 1046
Delta R.T. -0.000 min
Lab File: BP015245.D
Acq: 23 May 2023 17:40

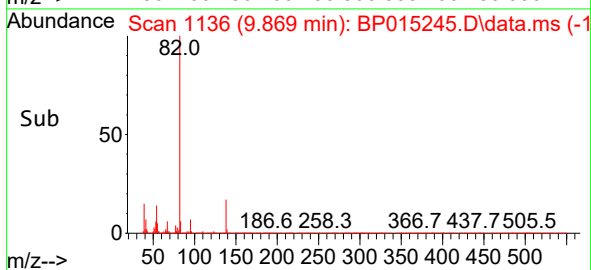
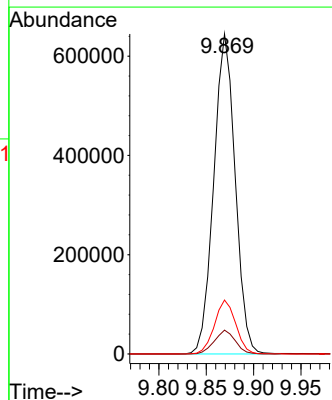
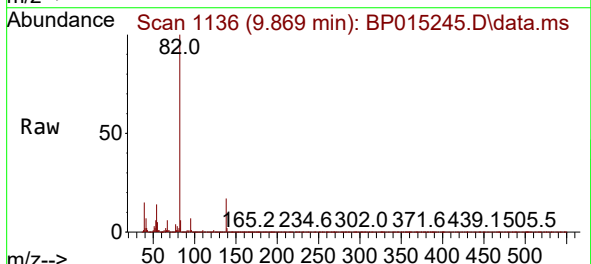
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BNA_P
ClientSampleId :
SLCS971

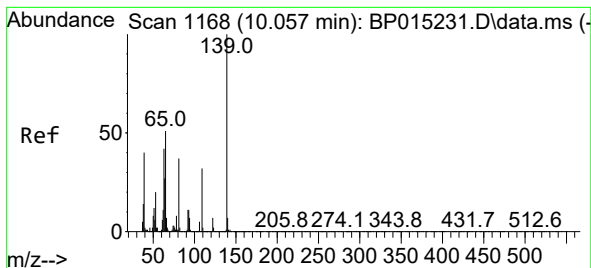
Tgt Ion: 77 Resp: 543985
Ion Ratio Lower Upper
77 100
123 44.7 36.2 54.2
65 13.1 10.1 15.1



#23
Isophorone
Concen: 26.611 ng/ul
RT: 9.869 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BP015245.D
Acq: 23 May 2023 17:40

Tgt Ion: 82 Resp: 1015146
Ion Ratio Lower Upper
82 100
95 7.5 5.4 8.0
138 16.9 13.6 20.4

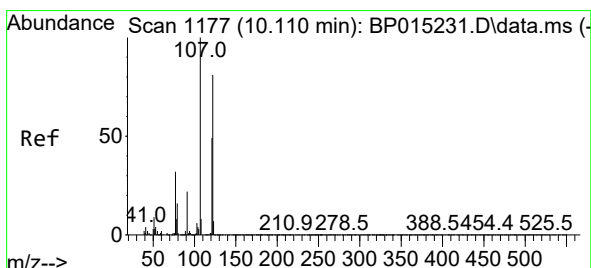
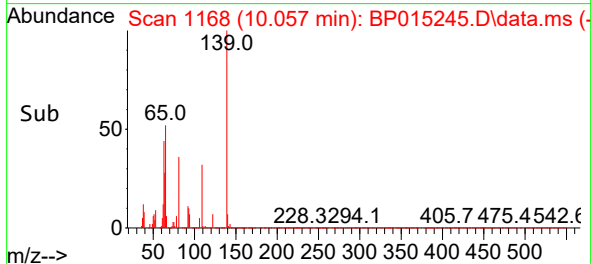
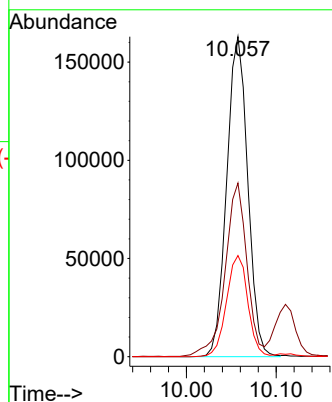
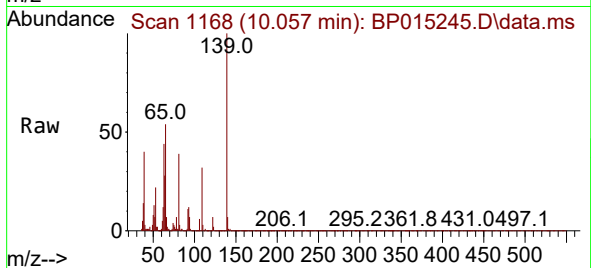




#25
2-Nitrophenol
Concen: 28.952 ng/ul
RT: 10.057 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BP015245.D
Acq: 23 May 2023 17:40

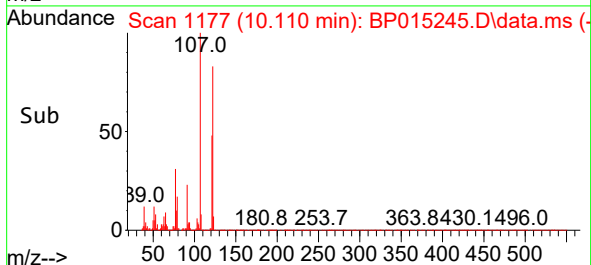
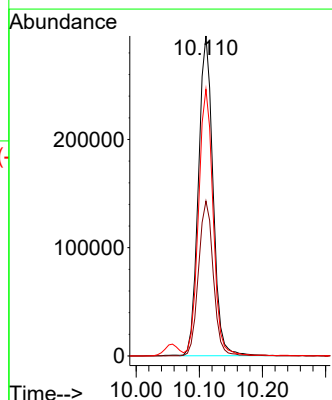
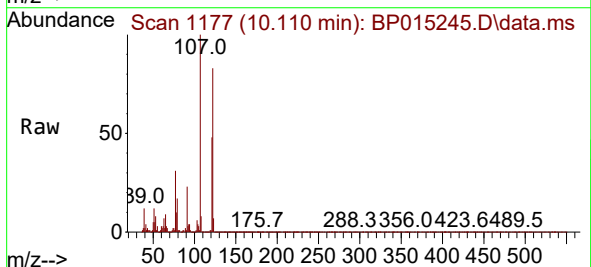
Instrument :
BNA_P
ClientSampleId :
SLCS971

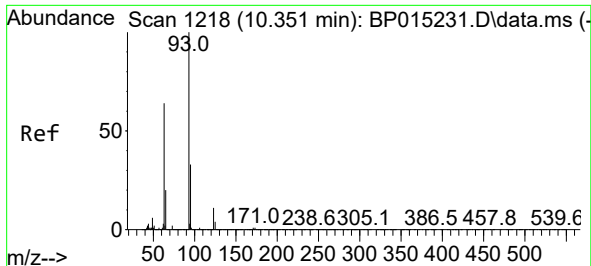
Tgt Ion:139 Resp: 265452
Ion Ratio Lower Upper
139 100
65 54.2 38.4 57.6
109 31.6 22.2 33.2



#26
2,4-Dimethylphenol
Concen: 25.916 ng/ul
RT: 10.110 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BP015245.D
Acq: 23 May 2023 17:40

Tgt Ion:107 Resp: 474173
Ion Ratio Lower Upper
107 100
121 48.4 41.0 61.6
122 83.4 69.5 104.3

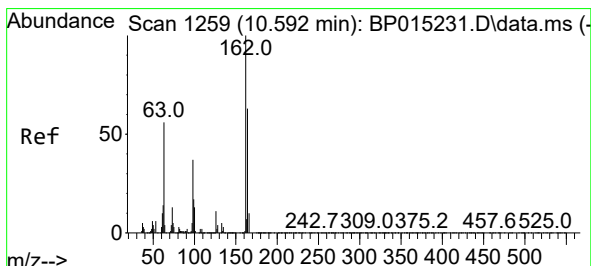
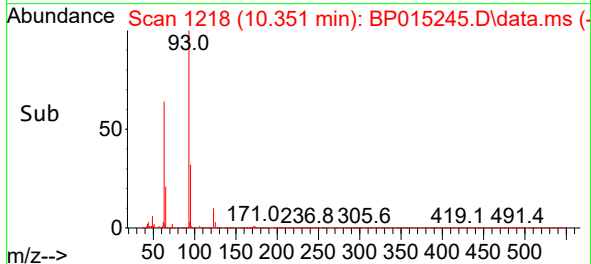
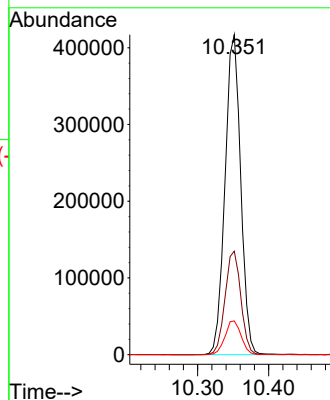
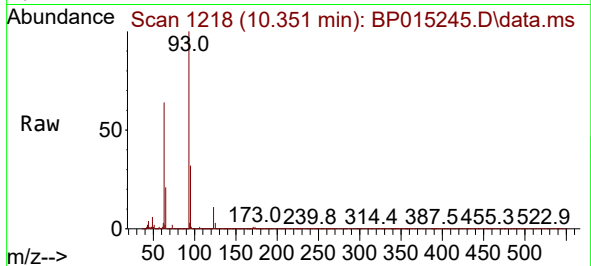




#27
Bis(2-Chloroethoxy)methane
Concen: 27.445 ng/ul
RT: 10.351 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BP015245.D
Acq: 23 May 2023 17:40

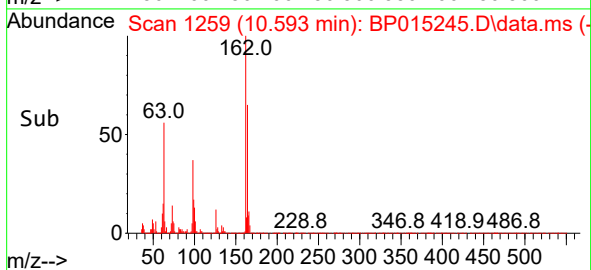
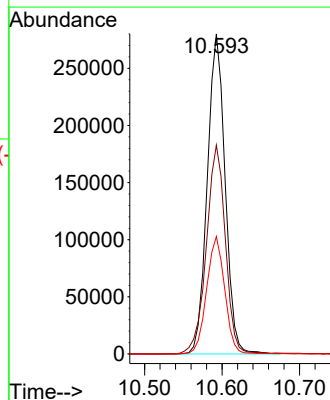
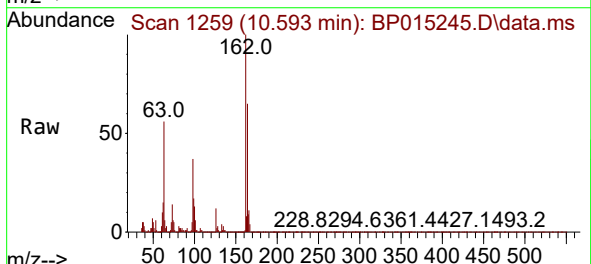
Instrument :
BNA_P
ClientSampleId :
SLCS971

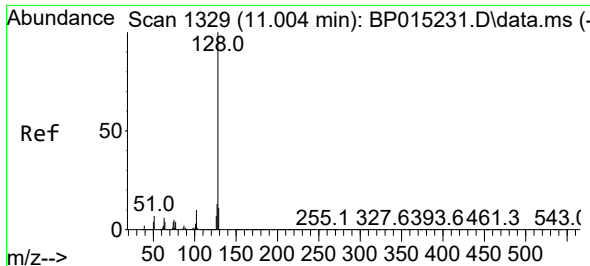
Tgt Ion: 93 Resp: 637020
Ion Ratio Lower Upper
93 100
95 32.4 26.7 40.1
123 10.5 9.1 13.7



#29
2,4-Dichlorophenol
Concen: 29.385 ng/ul
RT: 10.593 min Scan# 1259
Delta R.T. -0.000 min
Lab File: BP015245.D
Acq: 23 May 2023 17:40

Tgt Ion:162 Resp: 447835
Ion Ratio Lower Upper
162 100
164 65.2 52.0 78.0
98 36.7 28.9 43.3

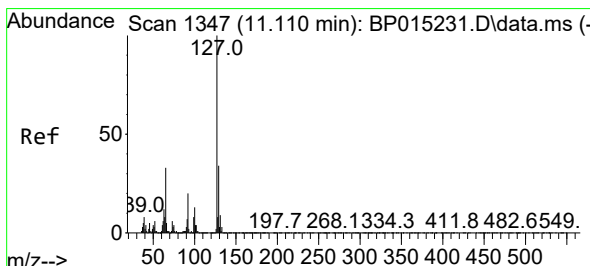
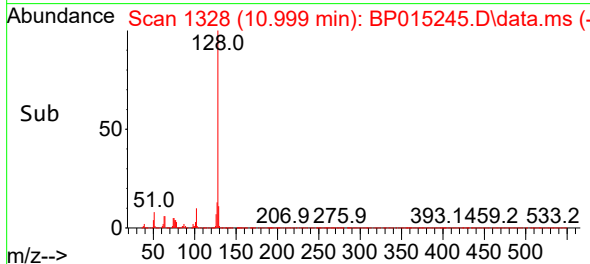
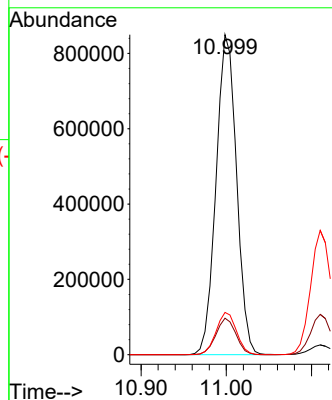
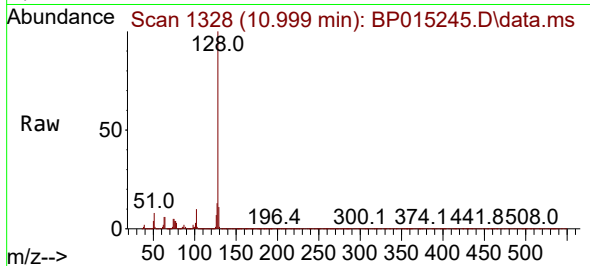




#30
Naphthalene
Concen: 27.358 ng/ul
RT: 10.999 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP015245.D
Acq: 23 May 2023 17:40

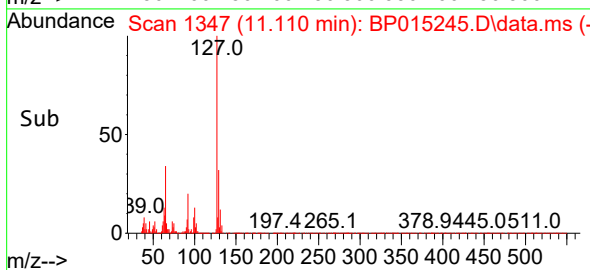
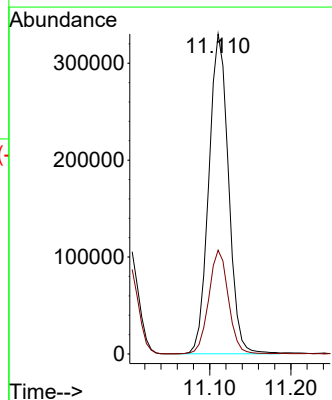
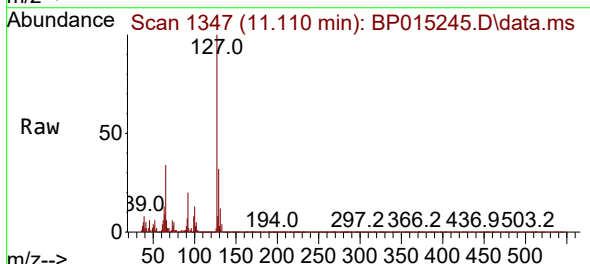
Instrument :
BNA_P
ClientSampleId :
SLCS971

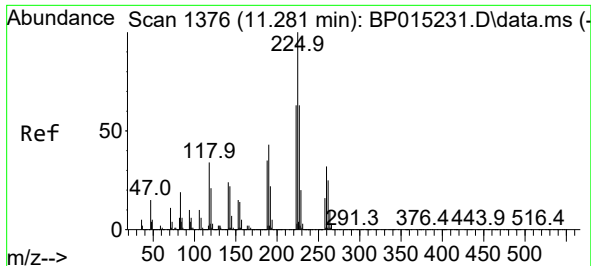
Tgt Ion:128 Resp: 1422330
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.2 10.6 15.8



#32
4-Chloroaniline
Concen: 24.210 ng/ul
RT: 11.110 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BP015245.D
Acq: 23 May 2023 17:40

Tgt Ion:127 Resp: 555476
Ion Ratio Lower Upper
127 100
129 32.4 25.8 38.8

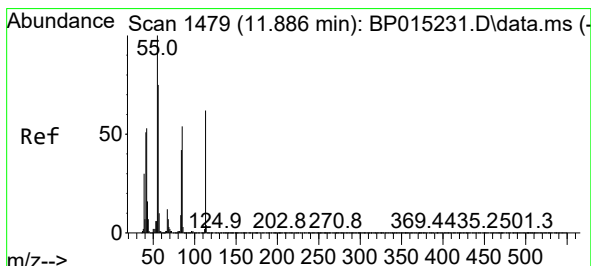
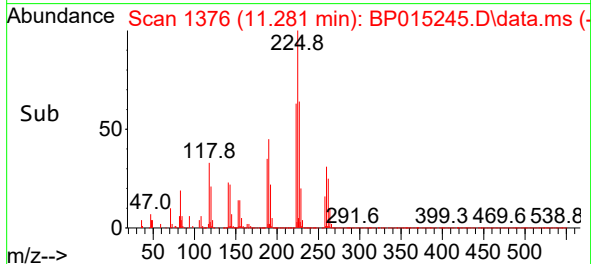
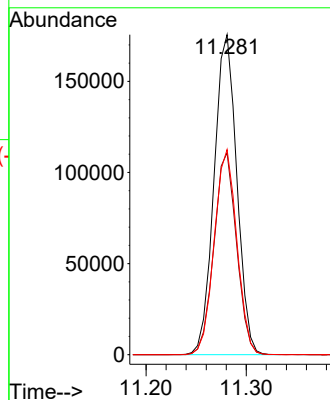
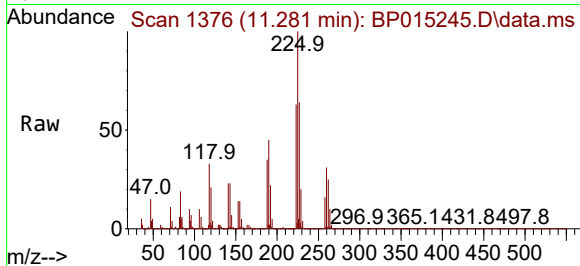




#33
Hexachlorobutadiene
Concen: 30.149 ng/ul
RT: 11.281 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP015245.D
Acq: 23 May 2023 17:40

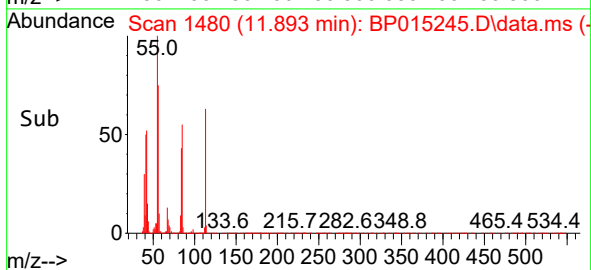
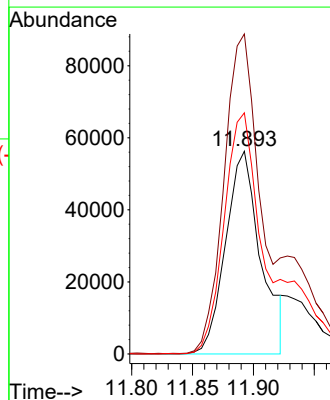
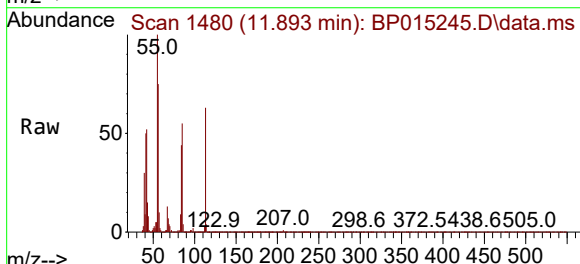
Instrument :
BNA_P
ClientSampleId :
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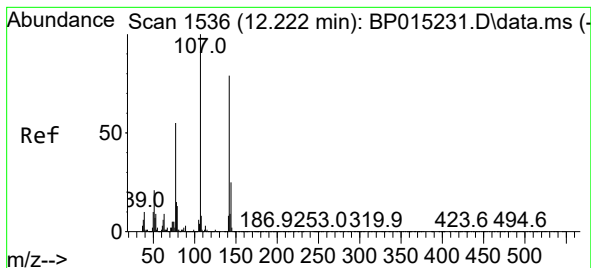
Tgt Ion:225 Resp: 276923
Ion Ratio Lower Upper
225 100
223 63.1 51.0 76.6
227 64.1 52.2 78.4



#34
Caprolactam
Concen: 19.583 ng/ul
RT: 11.893 min Scan# 1480
Delta R.T. 0.006 min
Lab File: BP015245.D
Acq: 23 May 2023 17:40

Tgt Ion:113 Resp: 112518
Ion Ratio Lower Upper
113 100
55 157.9 121.2 181.8
56 119.0 90.2 135.4

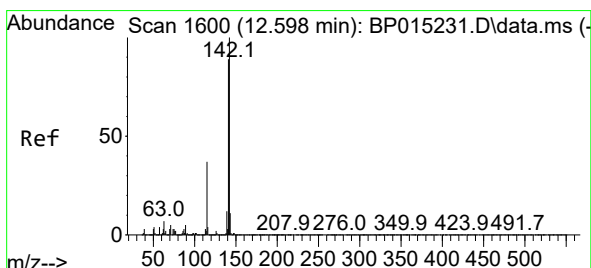
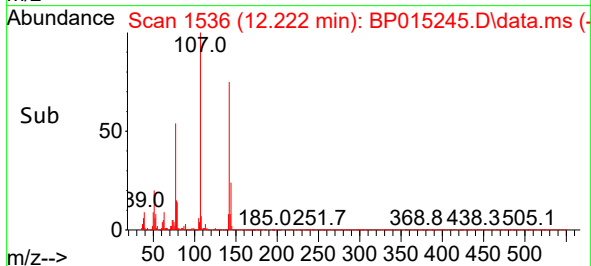
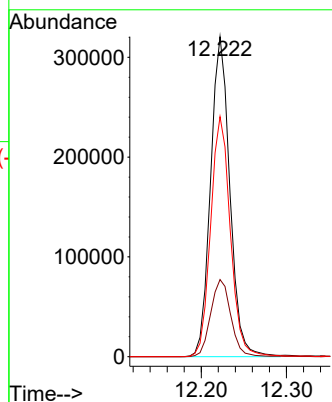
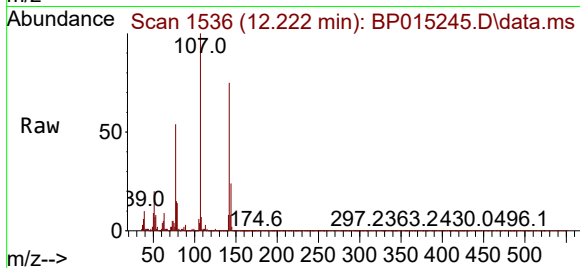




#35
4-Chloro-3-methylphenol
Concen: 29.292 ng/ul
RT: 12.222 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BP015245.D
Acq: 23 May 2023 17:40

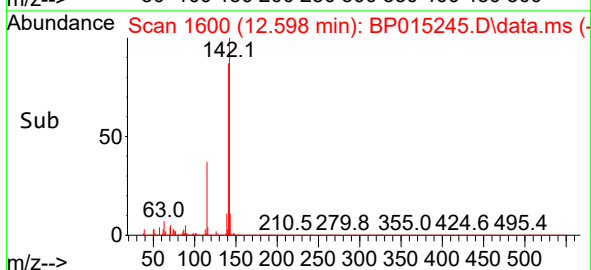
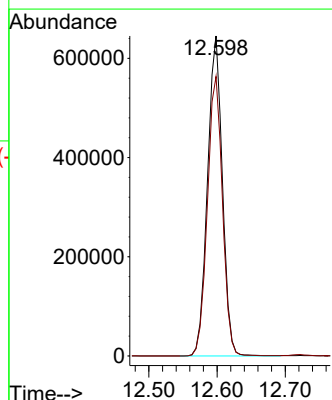
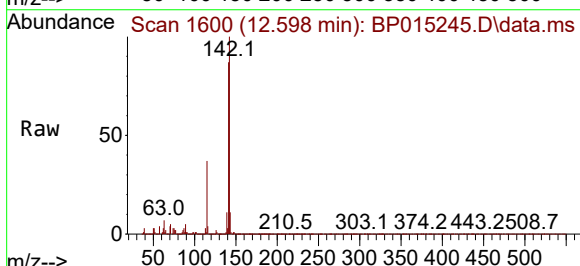
Instrument :
BNA_P
ClientSampleId :
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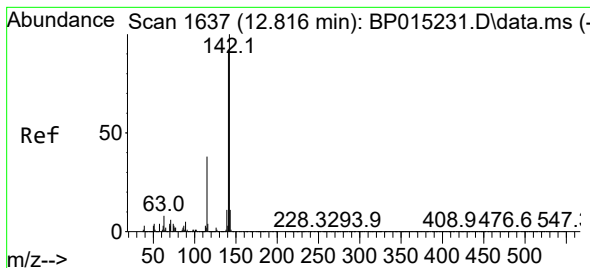
Tgt Ion:107 Resp: 504070
Ion Ratio Lower Upper
107 100
144 24.1 20.3 30.5
142 75.0 63.2 94.8



#36
2-Methylnaphthalene
Concen: 27.945 ng/ul
RT: 12.598 min Scan# 1600
Delta R.T. -0.000 min
Lab File: BP015245.D
Acq: 23 May 2023 17:40

Tgt Ion:142 Resp: 978909
Ion Ratio Lower Upper
142 100
141 87.4 71.0 106.6





#37

1-Methylnaphthalene

Concen: 28.506 ng/ul

RT: 12.816 min Scan# 1637

Delta R.T. -0.000 min

Lab File: BP015245.D

Acq: 23 May 2023 17:40

Instrument :

BNA_P

ClientSampleId :

SLCS971

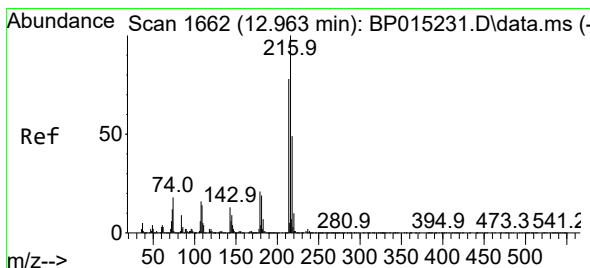
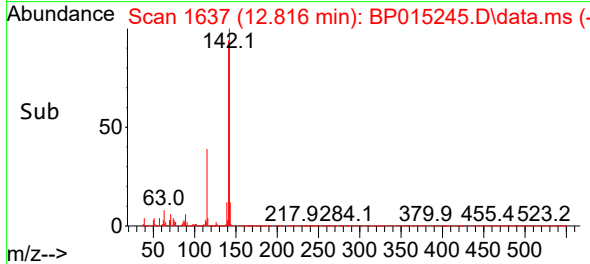
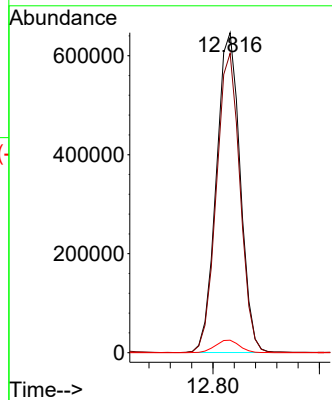
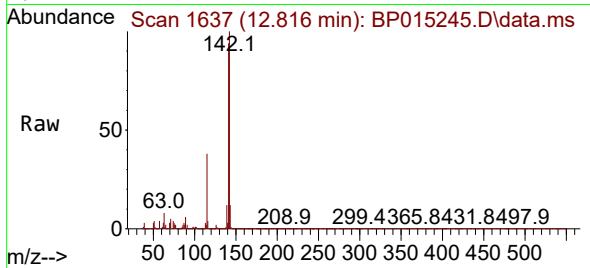
Tgt Ion:142 Resp: 1002782

Ion Ratio Lower Upper

142 100

141 93.5 74.6 112.0

116 3.9 2.9 4.3



#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.405 ng/ul

RT: 12.963 min Scan# 1662

Delta R.T. -0.000 min

Lab File: BP015245.D

Acq: 23 May 2023 17:40

Tgt Ion:216 Resp: 545456

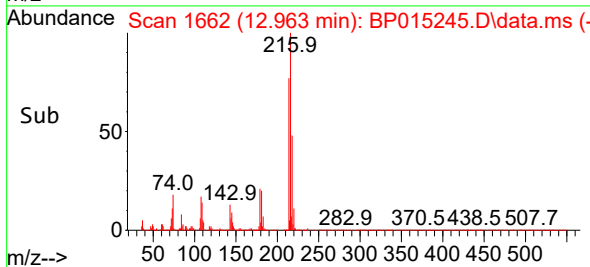
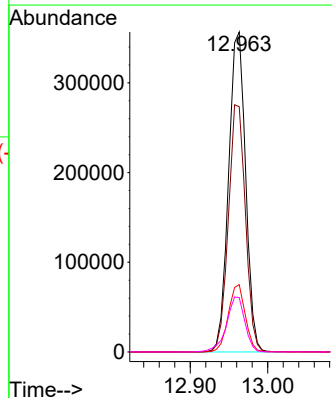
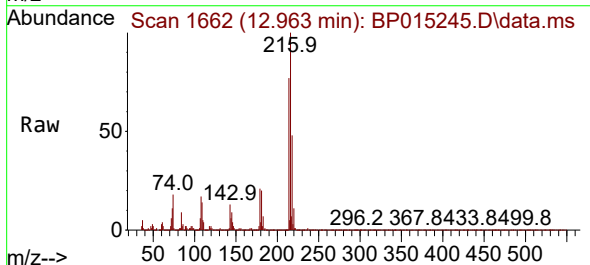
Ion Ratio Lower Upper

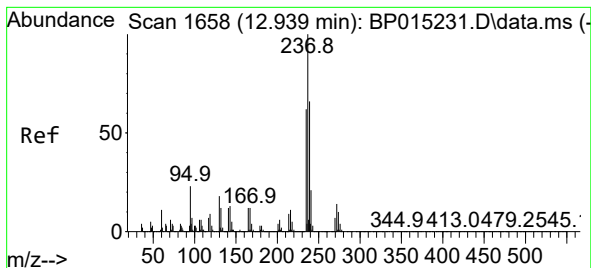
216 100

214 76.7 61.4 92.0

179 21.0 15.9 23.9

108 17.0 13.7 20.5





#40

Hexachlorocyclopentadiene

Concen: 17.597 ng/ul

RT: 12.934 min Scan# 1658

Delta R.T. -0.000 min

Lab File: BP015245.D

Acq: 23 May 2023 17:40

Instrument :

BNA_P

ClientSampleId :

SLCS971

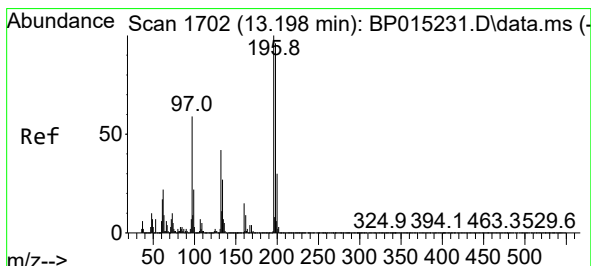
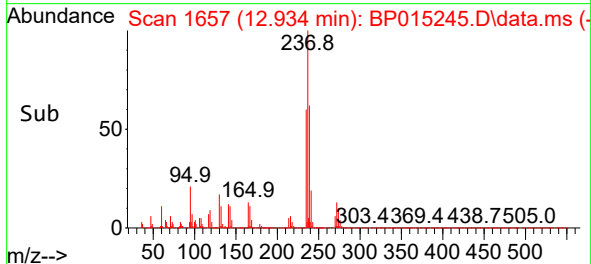
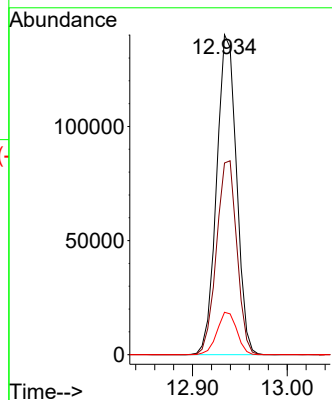
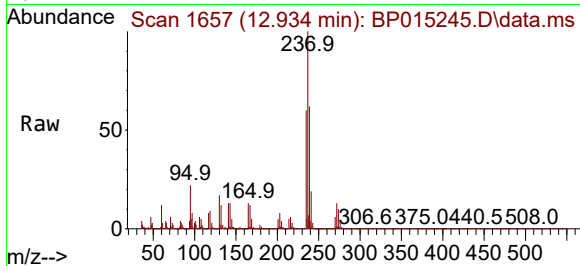
Tgt Ion:237 Resp: 204533

Ion Ratio Lower Upper

237 100

235 59.9 49.4 74.0

272 13.9 10.4 15.6



#41

2,4,6-Trichlorophenol

Concen: 28.719 ng/ul

RT: 13.198 min Scan# 1702

Delta R.T. -0.000 min

Lab File: BP015245.D

Acq: 23 May 2023 17:40

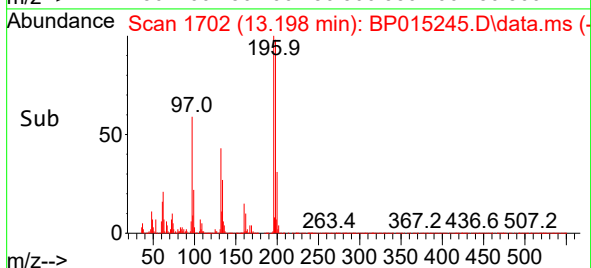
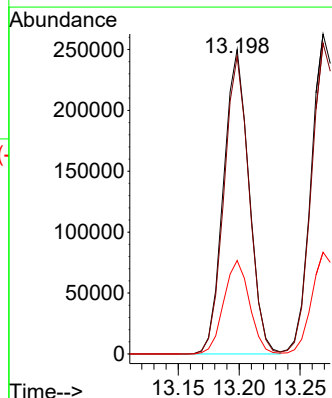
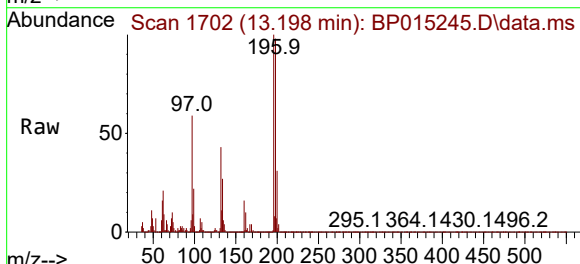
Tgt Ion:196 Resp: 363812

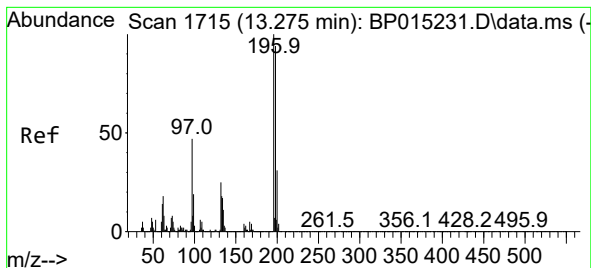
Ion Ratio Lower Upper

196 100

198 97.7 75.5 113.3

200 30.7 23.6 35.4





#42

2,4,5-Trichlorophenol

Concen: 28.933 ng/ul

RT: 13.269 min Scan# 1715

Delta R.T. -0.000 min

Lab File: BP015245.D

Acq: 23 May 2023 17:40

Instrument :

BNA_P

ClientSampleId :

SLCS971

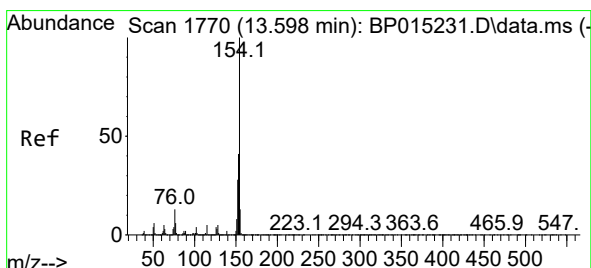
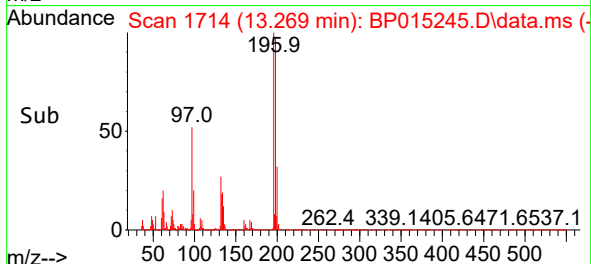
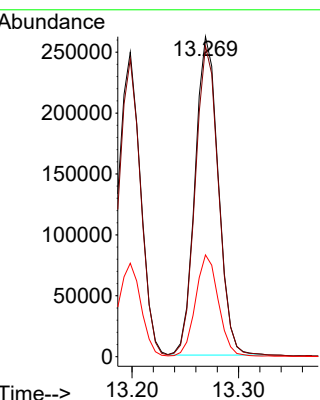
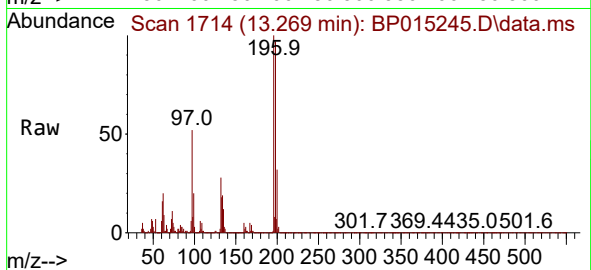
Tgt Ion:196 Resp: 397398

Ion Ratio Lower Upper

196 100

198 97.1 77.0 115.4

200 31.8 24.3 36.5



#43

1,1'-Biphenyl

Concen: 28.587 ng/ul

RT: 13.592 min Scan# 1769

Delta R.T. -0.006 min

Lab File: BP015245.D

Acq: 23 May 2023 17:40

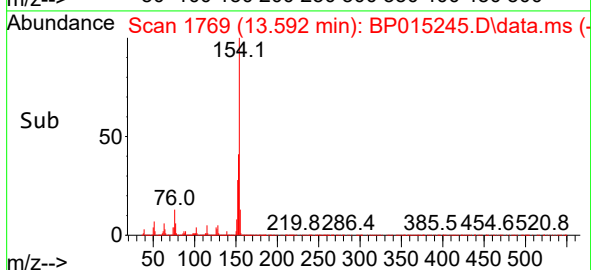
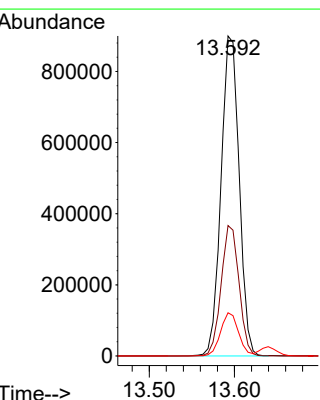
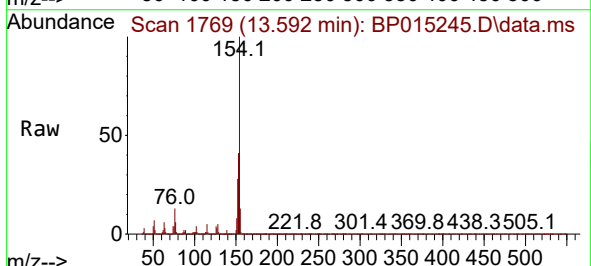
Tgt Ion:154 Resp: 1330413

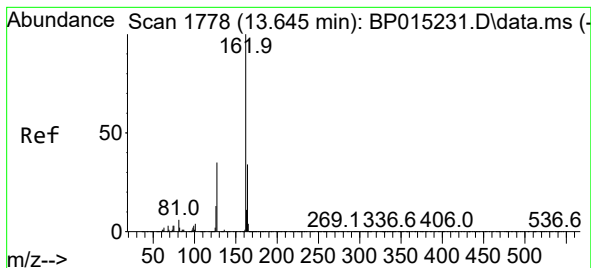
Ion Ratio Lower Upper

154 100

153 40.7 32.7 49.1

76 13.5 10.7 16.1





#44

2-Chloronaphthalene

Concen: 28.750 ng/ul

RT: 13.640 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP015245.D

Acq: 23 May 2023 17:40

Instrument :

BNA_P

ClientSampleId :

SLCS971

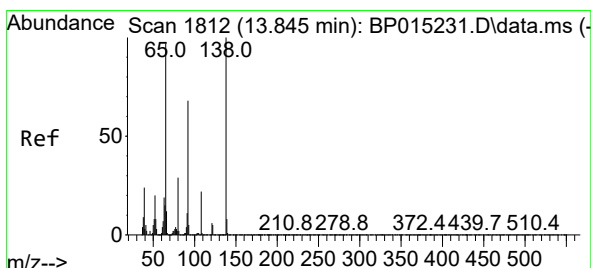
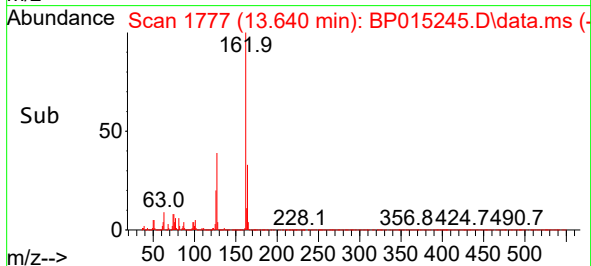
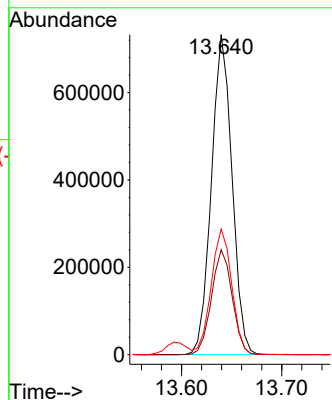
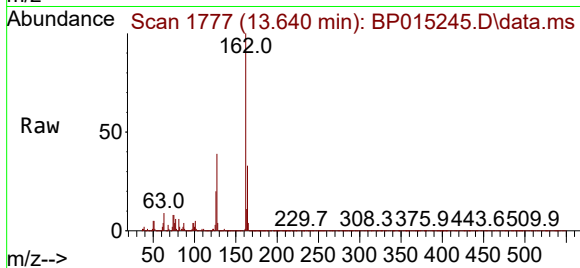
Tgt Ion:162 Resp: 1044911

Ion Ratio Lower Upper

162 100

164 32.8 25.9 38.9

127 39.3 30.8 46.2



#45

2-Nitroaniline

Concen: 30.951 ng/ul

RT: 13.845 min Scan# 1812

Delta R.T. -0.000 min

Lab File: BP015245.D

Acq: 23 May 2023 17:40

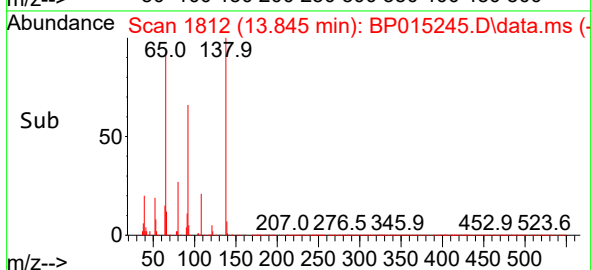
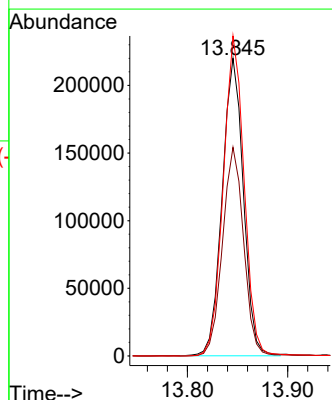
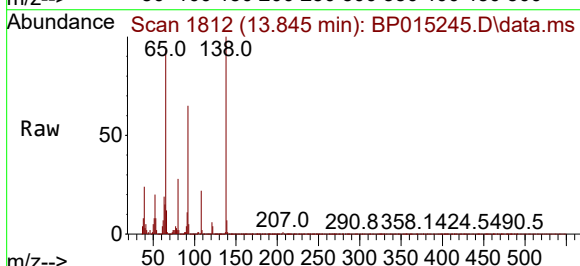
Tgt Ion: 65 Resp: 321863

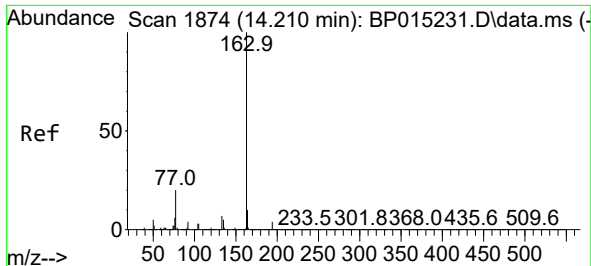
Ion Ratio Lower Upper

65 100

92 70.0 59.8 89.8

138 107.5 92.3 138.5





#47

Dimethylphthalate

Concen: 28.566 ng/ul

RT: 14.210 min Scan# 1874

Delta R.T. -0.000 min

Lab File: BP015245.D

Acq: 23 May 2023 17:40

Instrument :

BNA_P

ClientSampleId :

SLCS971

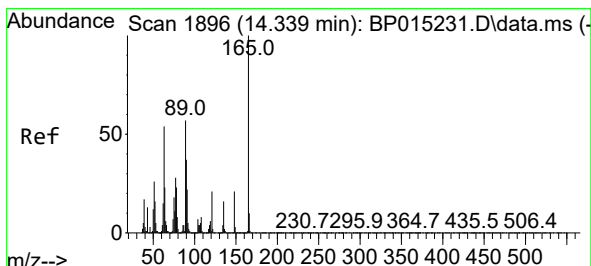
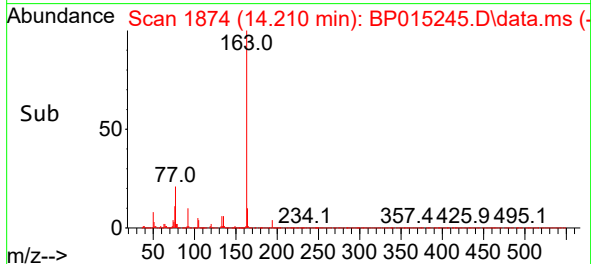
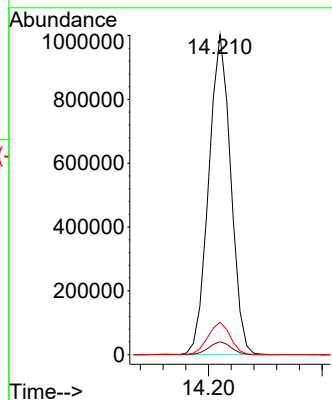
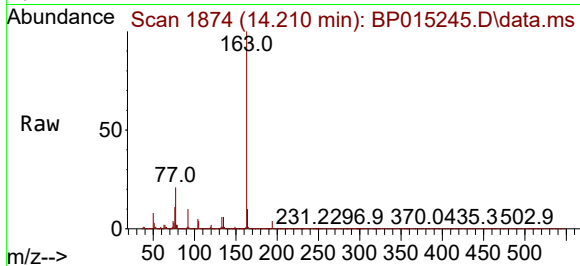
Tgt Ion:163 Resp: 1348455

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.1 8.2 12.4



#48

2,6-Dinitrotoluene

Concen: 30.816 ng/ul

RT: 14.334 min Scan# 1895

Delta R.T. -0.000 min

Lab File: BP015245.D

Acq: 23 May 2023 17:40

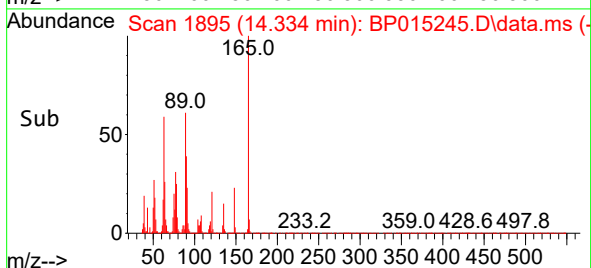
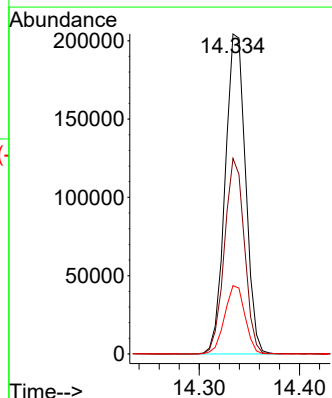
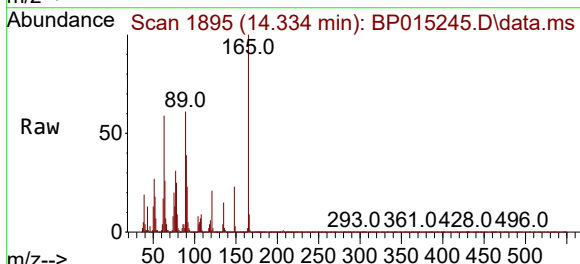
Tgt Ion:165 Resp: 288199

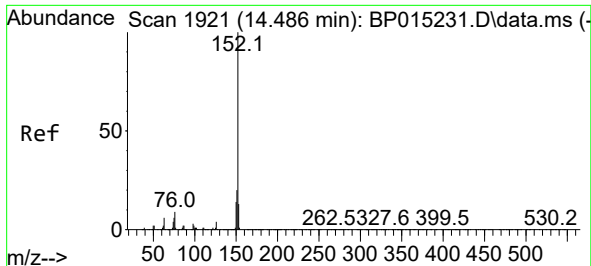
Ion Ratio Lower Upper

165 100

89 61.1 48.0 72.0

121 21.4 17.5 26.3

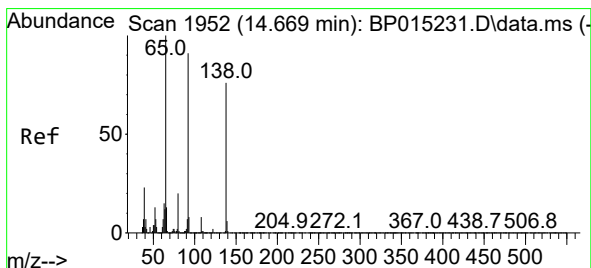
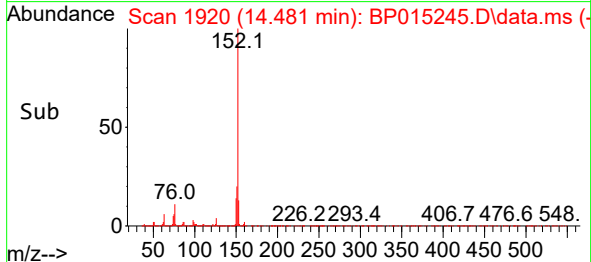
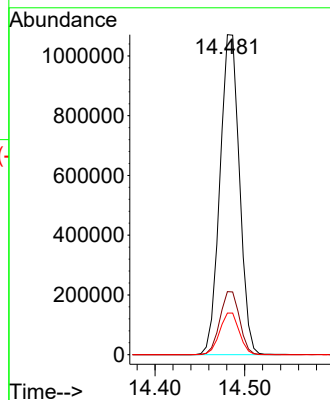
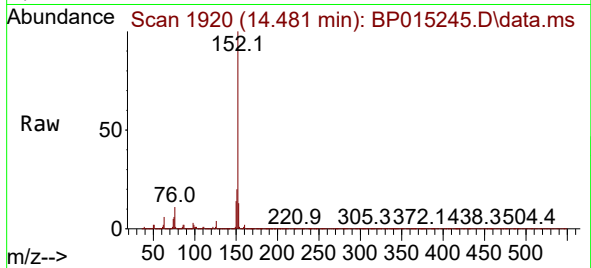




#50
Acenaphthylene
Concen: 28.003 ng/ul
RT: 14.481 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BP015245.D
Acq: 23 May 2023 17:40

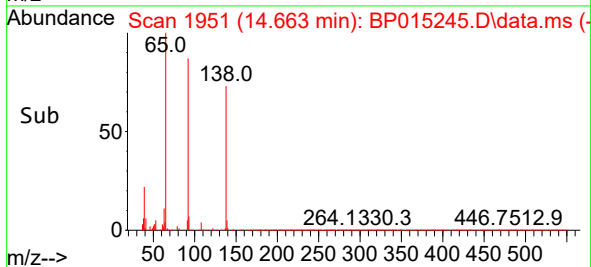
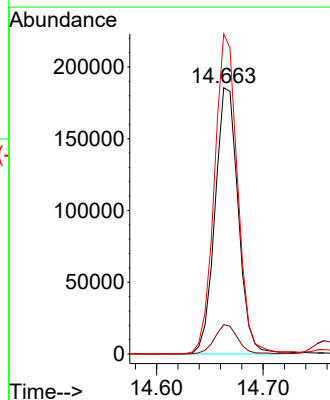
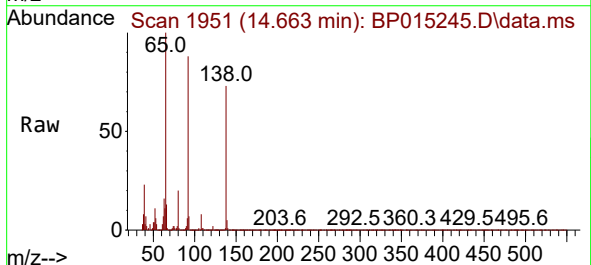
Instrument :
BNA_P
ClientSampleId :
SLCS971

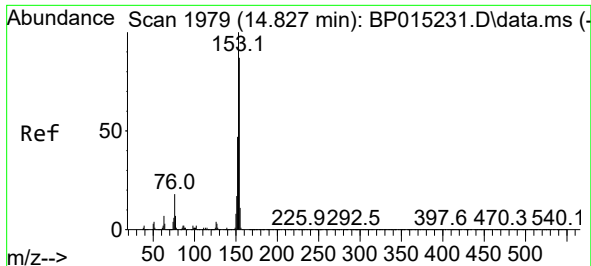
Tgt Ion:152 Resp: 1619751
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1
153 13.0 10.3 15.5



#51
3-Nitroaniline
Concen: 33.345 ng/ul
RT: 14.663 min Scan# 1951
Delta R.T. -0.000 min
Lab File: BP015245.D
Acq: 23 May 2023 17:40

Tgt Ion:138 Resp: 280802
Ion Ratio Lower Upper
138 100
108 11.0 8.8 13.2
92 120.2 93.4 140.0

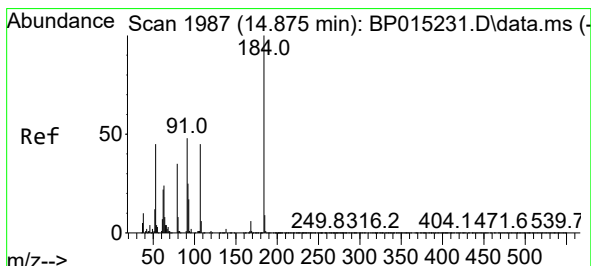
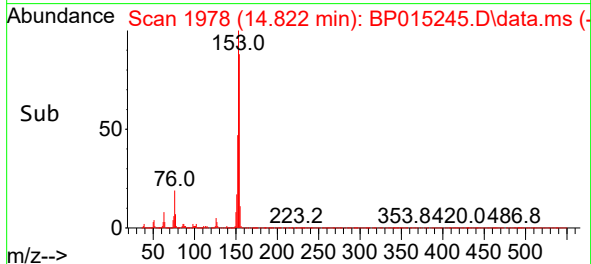
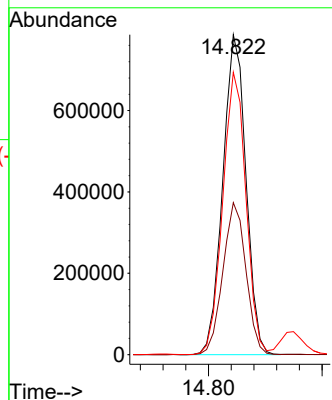
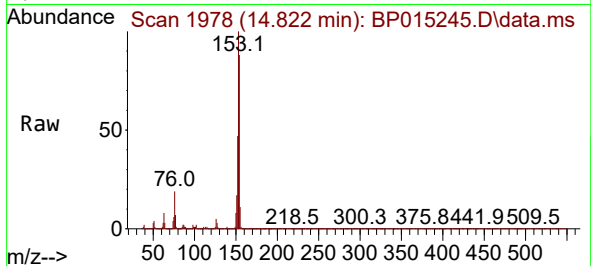




#52
Acenaphthene
Concen: 28.207 ng/ul
RT: 14.822 min Scan# 1979
Delta R.T. -0.000 min
Lab File: BP015245.D
Acq: 23 May 2023 17:40

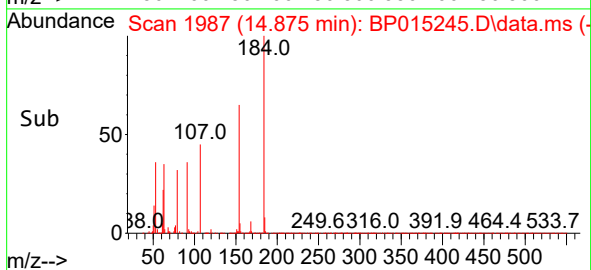
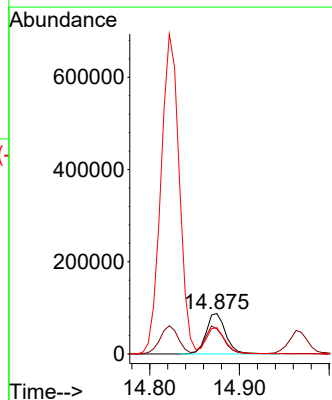
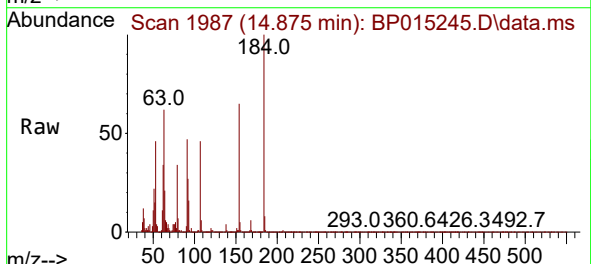
Instrument :
BNA_P
ClientSampleId :
SLCS971

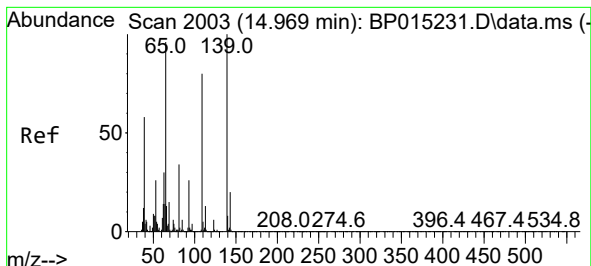
Tgt Ion:153 Resp: 1114334
Ion Ratio Lower Upper
153 100
152 47.5 38.0 57.0
154 88.2 71.0 106.4



#53
2,4-Dinitrophenol
Concen: 21.294 ng/ul
RT: 14.875 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BP015245.D
Acq: 23 May 2023 17:40

Tgt Ion:184 Resp: 132227
Ion Ratio Lower Upper
184 100
63 61.9 49.7 74.5
154 64.7 47.5 71.3

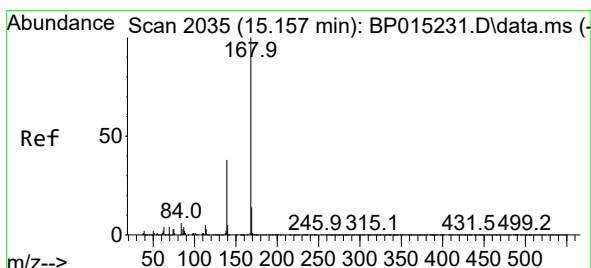
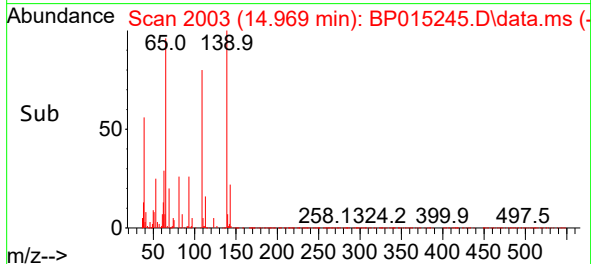
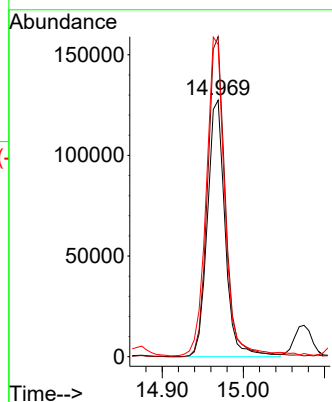
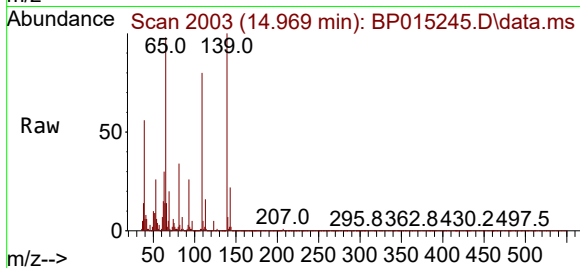




#55
4-Nitrophenol
Concen: 29.766 ng/ul
RT: 14.969 min Scan# 2003
Delta R.T. 0.006 min
Lab File: BP015245.D
Acq: 23 May 2023 17:40

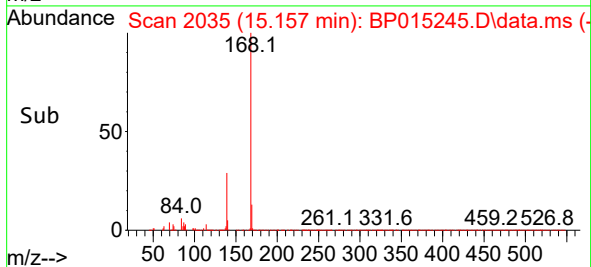
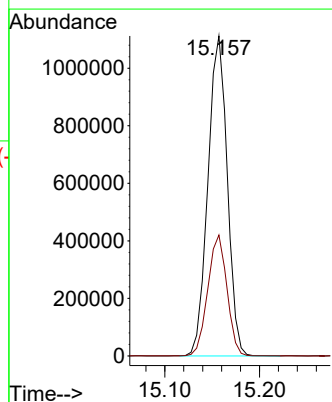
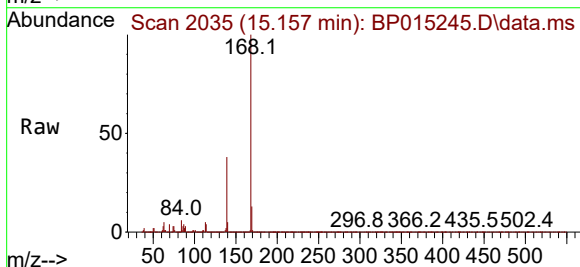
Instrument :
BNA_P
ClientSampleId :
SLCS971

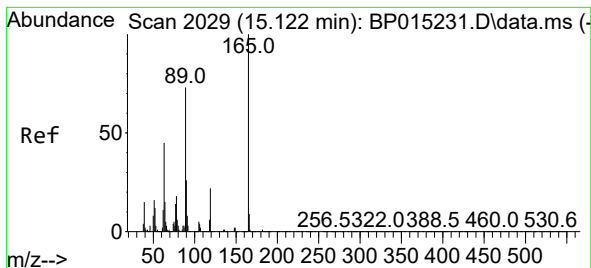
Tgt Ion:109 Resp: 192694
Ion Ratio Lower Upper
109 100
139 124.8 115.3 172.9
65 121.8 107.9 161.9



#56
Dibenzofuran
Concen: 28.679 ng/ul
RT: 15.157 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BP015245.D
Acq: 23 May 2023 17:40

Tgt Ion:168 Resp: 1575874
Ion Ratio Lower Upper
168 100
139 37.8 29.4 44.0





#57

2,4-Dinitrotoluene

Concen: 30.169 ng/ul

RT: 15.122 min Scan# 2029

Delta R.T. -0.000 min

Lab File: BP015245.D

Acq: 23 May 2023 17:40

Instrument :

BNA_P

ClientSampleId :

SLCS971

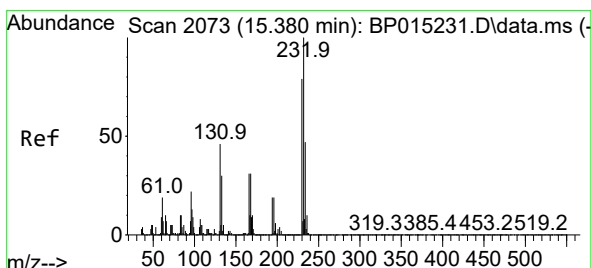
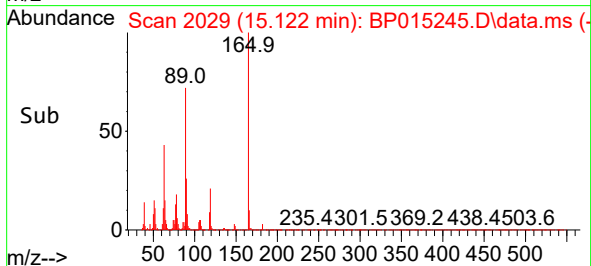
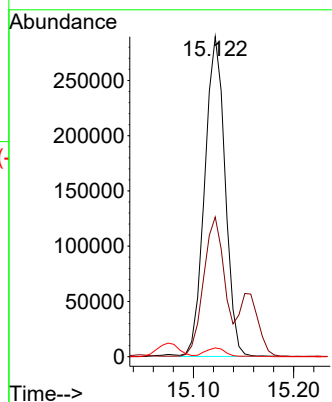
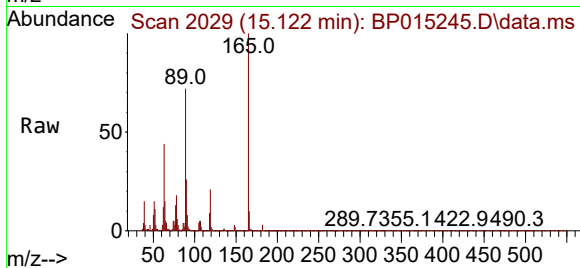
Tgt Ion:165 Resp: 408274

Ion Ratio Lower Upper

165 100

63 43.6 33.1 49.7

182 2.8 2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 28.602 ng/ul

RT: 15.381 min Scan# 2073

Delta R.T. -0.000 min

Lab File: BP015245.D

Acq: 23 May 2023 17:40

Tgt Ion:232 Resp: 331551

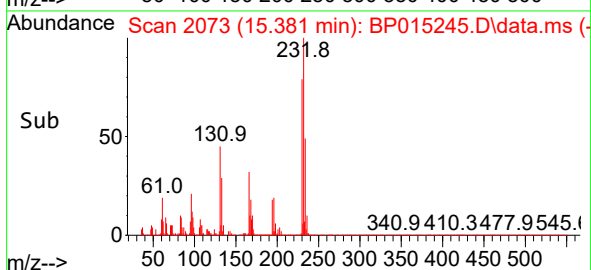
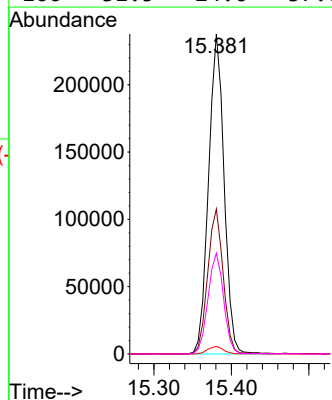
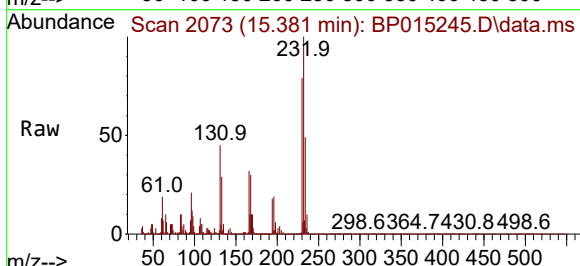
Ion Ratio Lower Upper

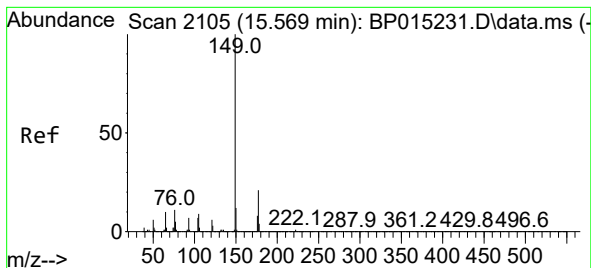
232 100

131 45.3 36.8 55.2

130 2.3 1.9 2.9

166 31.5 24.6 37.0





#59

Diethylphthalate

Concen: 29.133 ng/ul

RT: 15.569 min Scan# 2105

Delta R.T. -0.000 min

Lab File: BP015245.D

Acq: 23 May 2023 17:40

Instrument :

BNA_P

ClientSampleId :

SLCS971

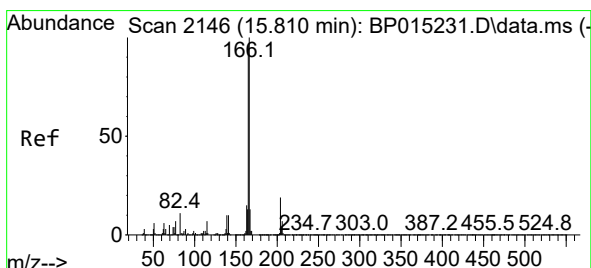
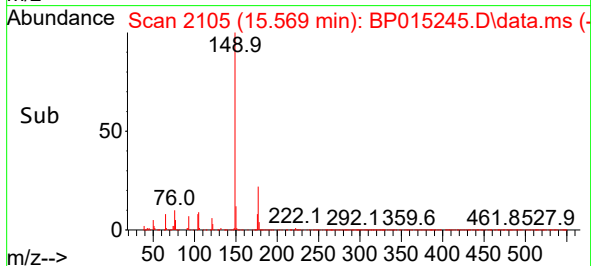
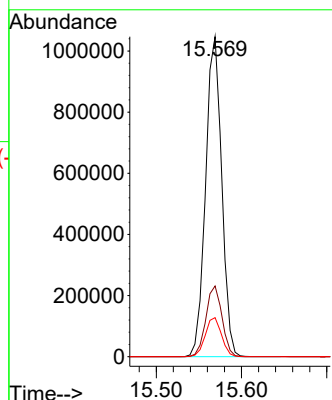
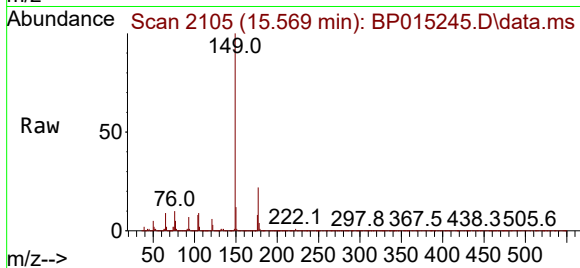
Tgt Ion:149 Resp: 1371640

Ion Ratio Lower Upper

149 100

177 22.1 17.5 26.3

150 12.2 9.8 14.8



#61

Fluorene

Concen: 28.334 ng/ul

RT: 15.804 min Scan# 2145

Delta R.T. -0.000 min

Lab File: BP015245.D

Acq: 23 May 2023 17:40

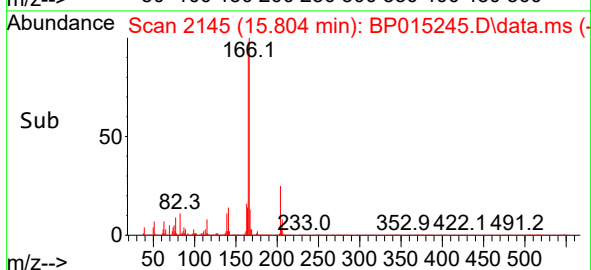
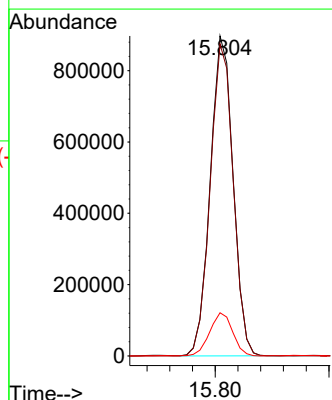
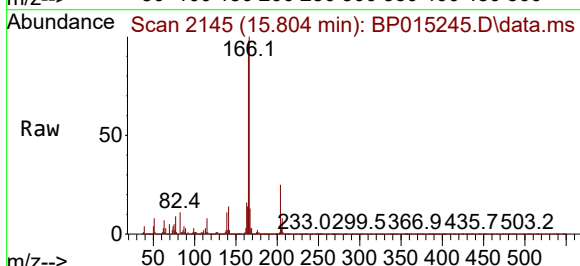
Tgt Ion:166 Resp: 1251202

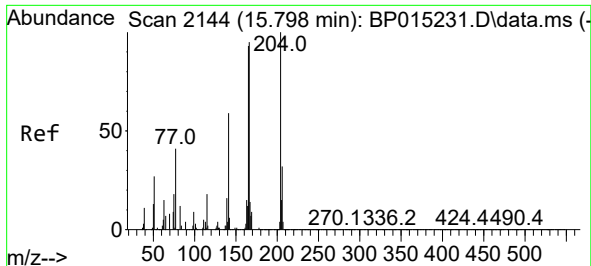
Ion Ratio Lower Upper

166 100

165 97.5 77.8 116.6

167 13.5 10.6 15.8

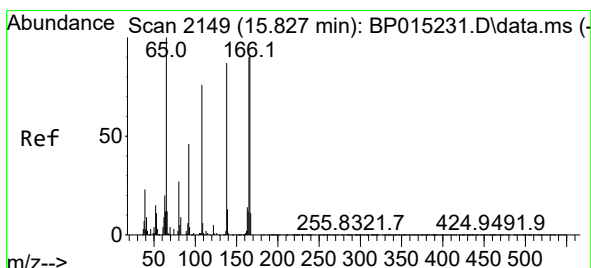
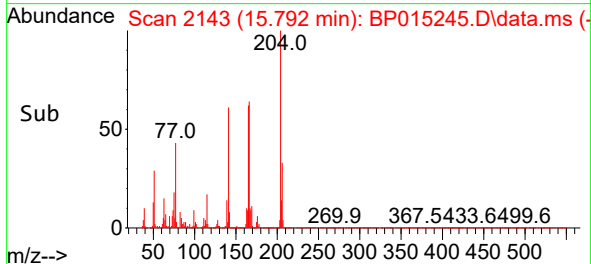
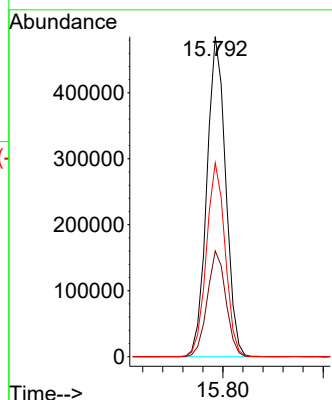
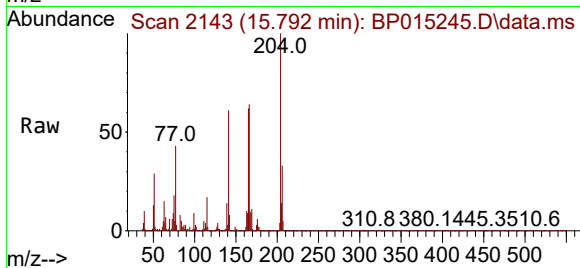




#62
4-Chlorophenyl-phenylether
Concen: 29.230 ng/ul
RT: 15.792 min Scan# 2143
Delta R.T. -0.000 min
Lab File: BP015245.D
Acq: 23 May 2023 17:40

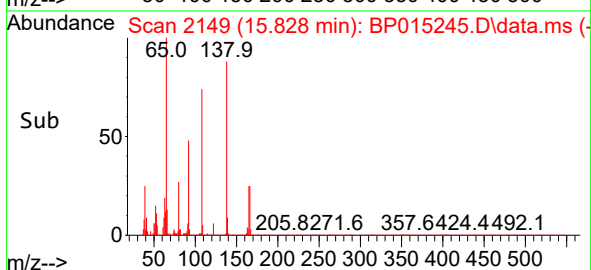
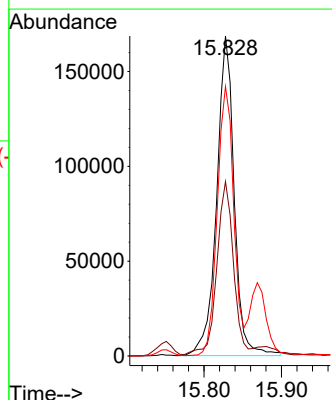
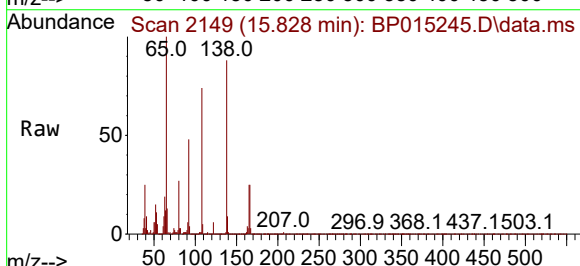
Instrument :
BNA_P
ClientSampleId :
SLCS971

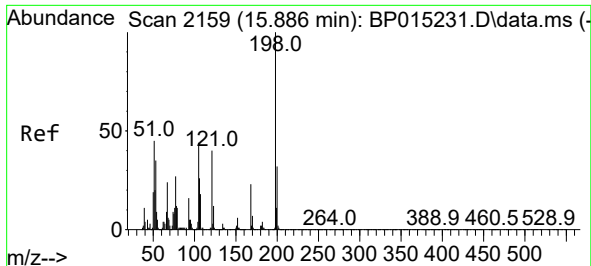
Tgt Ion:204 Resp: 630665
Ion Ratio Lower Upper
204 100
206 33.0 26.1 39.1
141 60.6 44.5 66.7



#63
4-Nitroaniline
Concen: 36.534 ng/ul
RT: 15.828 min Scan# 2149
Delta R.T. -0.000 min
Lab File: BP015245.D
Acq: 23 May 2023 17:40

Tgt Ion:138 Resp: 265681
Ion Ratio Lower Upper
138 100
92 54.5 41.2 61.8
108 84.2 60.1 90.1

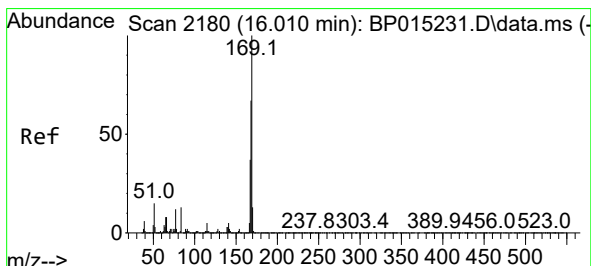
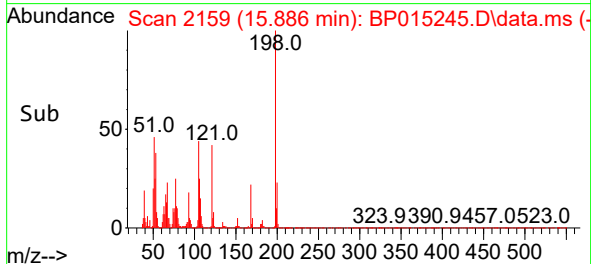
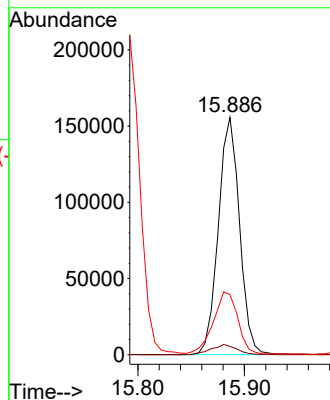
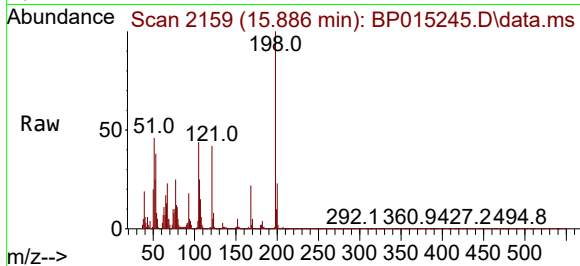




#66
4,6-Dinitro-2-methylphenol
Concen: 25.603 ng/ul
RT: 15.886 min Scan# 2159
Delta R.T. -0.000 min
Lab File: BP015245.D
Acq: 23 May 2023 17:40

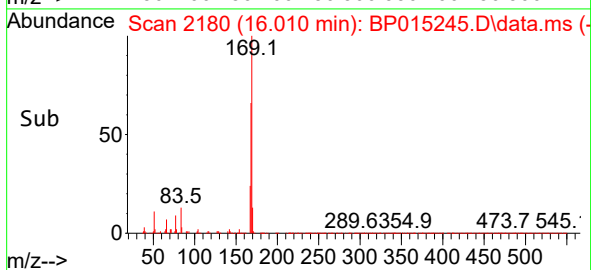
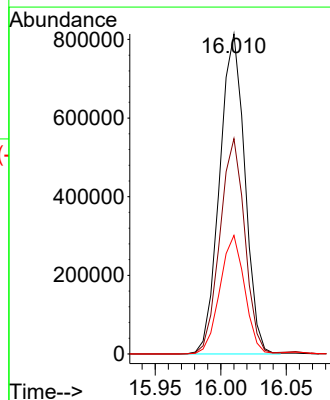
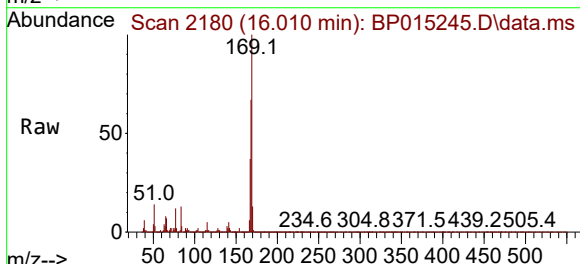
Instrument :
BNA_P
ClientSampleId :
SLCS971

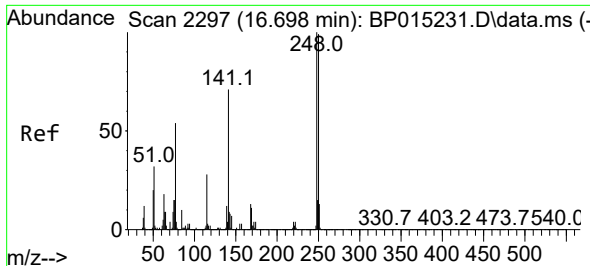
Tgt Ion:198 Resp: 214876
Ion Ratio Lower Upper
198 100
182 3.5 3.7 5.5#
77 25.3 21.2 31.8



#67
N-Nitrosodiphenylamine
Concen: 28.661 ng/ul
RT: 16.010 min Scan# 2180
Delta R.T. -0.000 min
Lab File: BP015245.D
Acq: 23 May 2023 17:40

Tgt Ion:169 Resp: 1087440
Ion Ratio Lower Upper
169 100
168 67.3 53.5 80.3
167 37.0 28.9 43.3

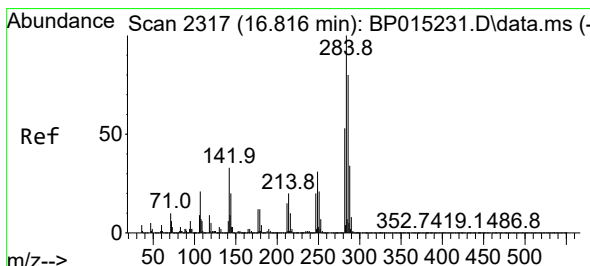
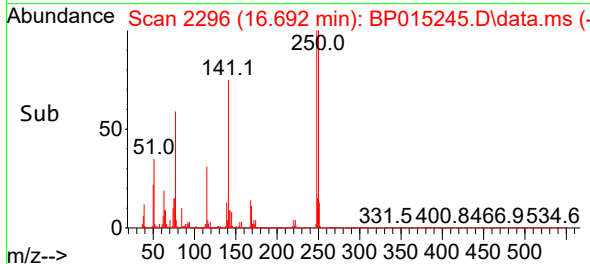
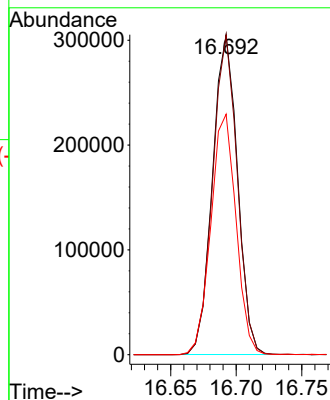
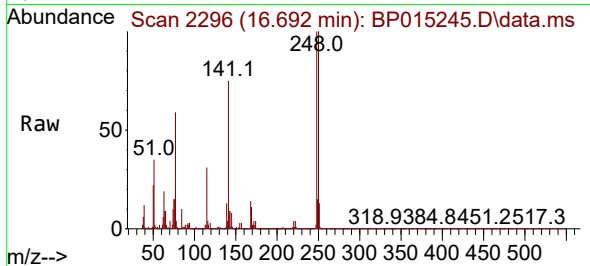




#68
4-Bromophenyl-phenylether
Concen: 30.417 ng/ul
RT: 16.692 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP015245.D
Acq: 23 May 2023 17:40

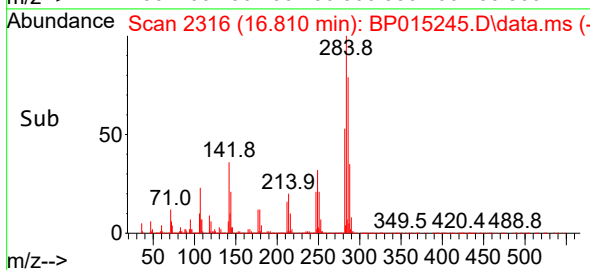
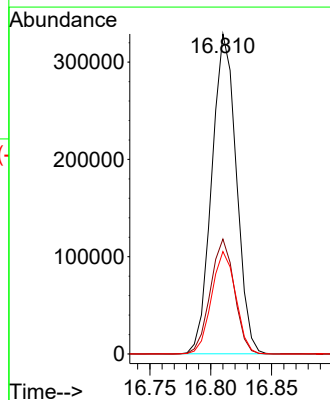
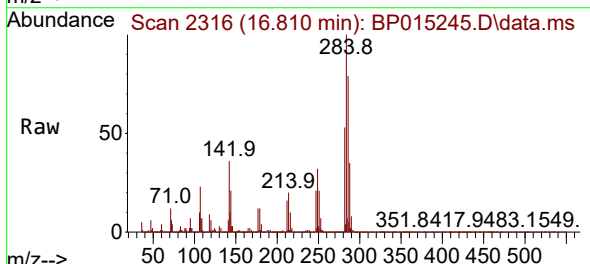
Instrument :
BNA_P
ClientSampleId :
SLCS971

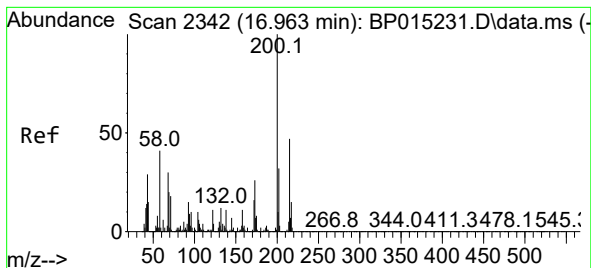
Tgt Ion:248 Resp: 404271
Ion Ratio Lower Upper
248 100
250 99.9 79.0 118.4
141 75.2 58.6 87.8



#69
Hexachlorobenzene
Concen: 29.381 ng/ul
RT: 16.810 min Scan# 2316
Delta R.T. -0.006 min
Lab File: BP015245.D
Acq: 23 May 2023 17:40

Tgt Ion:284 Resp: 461466
Ion Ratio Lower Upper
284 100
142 35.9 27.3 40.9
249 32.0 24.6 36.8





#70

Atrazine

Concen: 21.811 ng/ul

RT: 16.957 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015245.D

Acq: 23 May 2023 17:40

Instrument :

BNA_P

ClientSampleId :

SLCS971

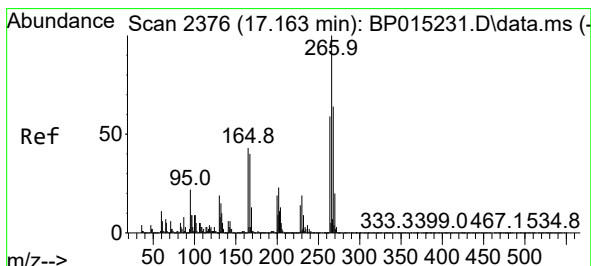
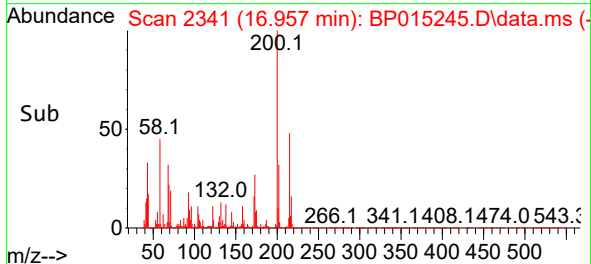
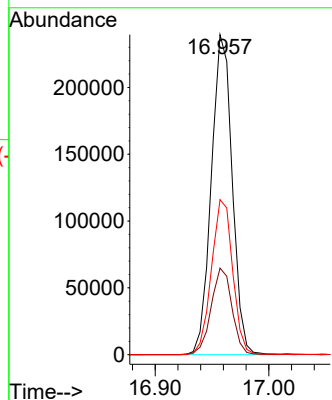
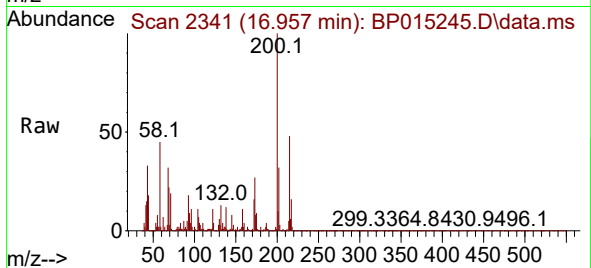
Tgt Ion:200 Resp: 305873

Ion Ratio Lower Upper

200 100

173 27.0 21.4 32.2

215 48.5 38.1 57.1



#71

Pentachlorophenol

Concen: 24.938 ng/ul

RT: 17.157 min Scan# 2375

Delta R.T. -0.000 min

Lab File: BP015245.D

Acq: 23 May 2023 17:40

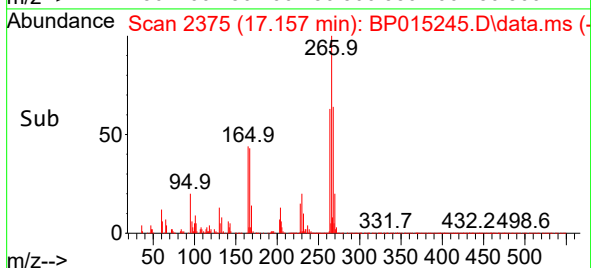
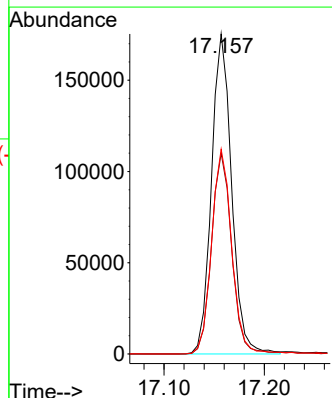
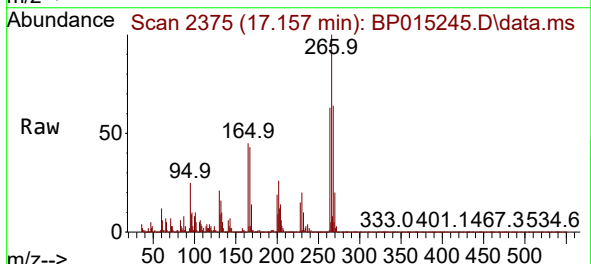
Tgt Ion:266 Resp: 245004

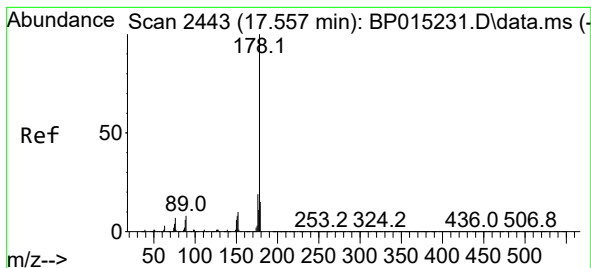
Ion Ratio Lower Upper

266 100

264 62.7 51.0 76.4

268 64.0 51.8 77.6





#72

Phenanthrene

Concen: 28.417 ng/ul

RT: 17.557 min Scan# 2443

Delta R.T. 0.006 min

Lab File: BP015245.D

Acq: 23 May 2023 17:40

Instrument :

BNA_P

ClientSampleId :

SLCS971

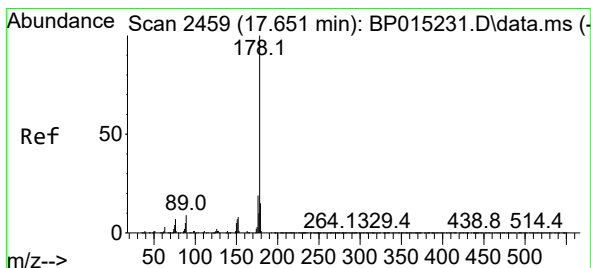
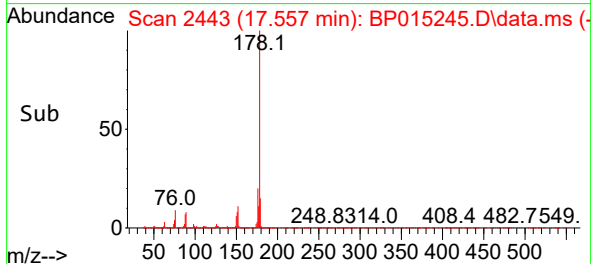
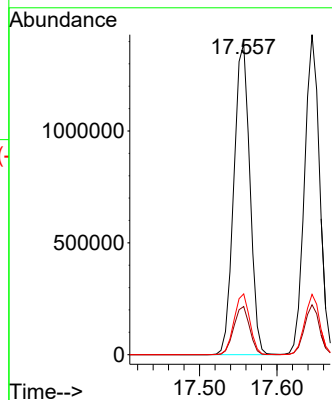
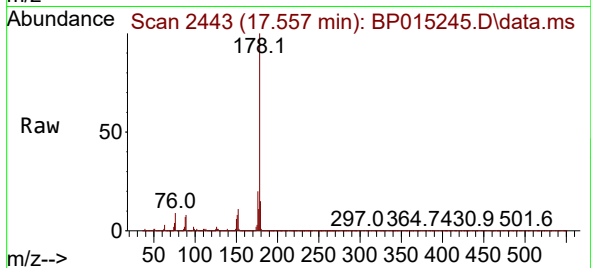
Tgt Ion:178 Resp: 1996699

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.2

176 19.6 15.6 23.4



#74

Anthracene

Concen: 27.368 ng/ul

RT: 17.645 min Scan# 2458

Delta R.T. -0.000 min

Lab File: BP015245.D

Acq: 23 May 2023 17:40

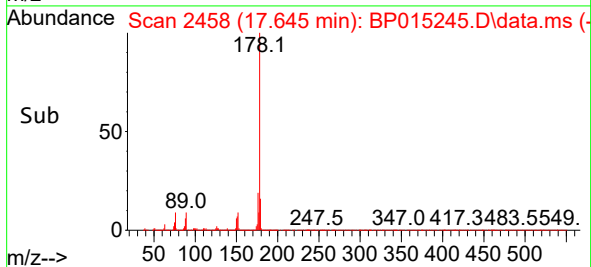
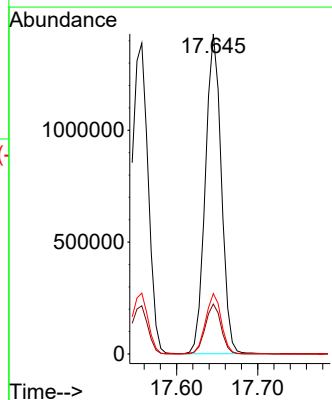
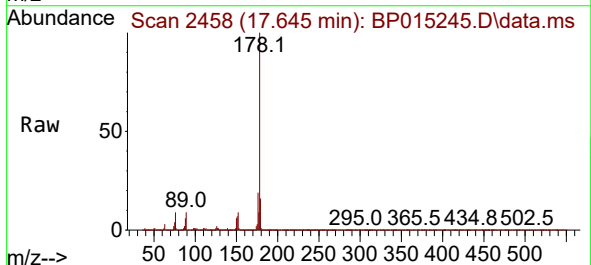
Tgt Ion:178 Resp: 1944549

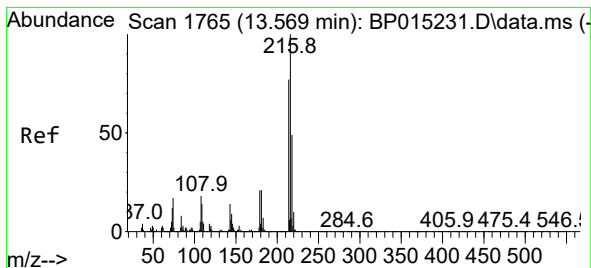
Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.2

176 18.8 15.2 22.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 30.277 ng/uL

RT: 13.563 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP015245.D

Acq: 23 May 2023 17:40

Instrument :

BNA_P

ClientSampleId :

SLCS971

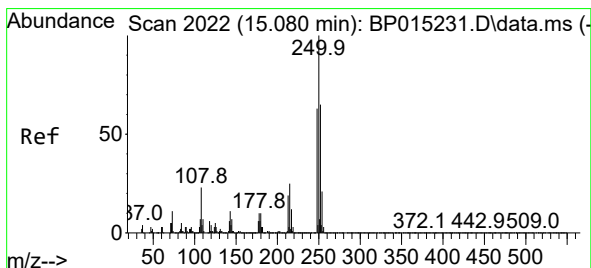
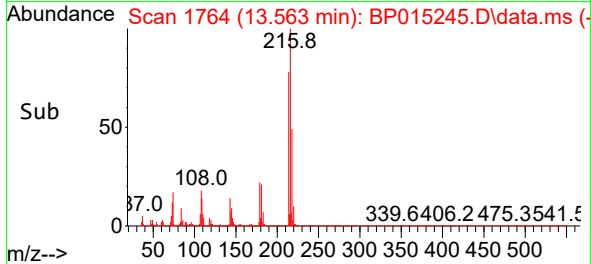
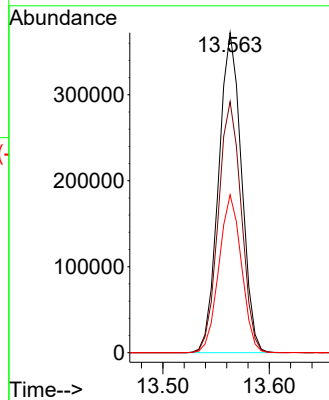
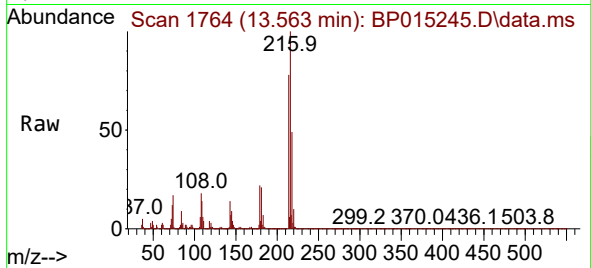
Tgt Ion:216 Resp: 553927

Ion Ratio Lower Upper

216 100

214 78.5 62.2 93.4

218 49.3 38.2 57.2



#76

Pentachlorobenzene

Concen: 29.289 ng/uL

RT: 15.075 min Scan# 2021

Delta R.T. -0.000 min

Lab File: BP015245.D

Acq: 23 May 2023 17:40

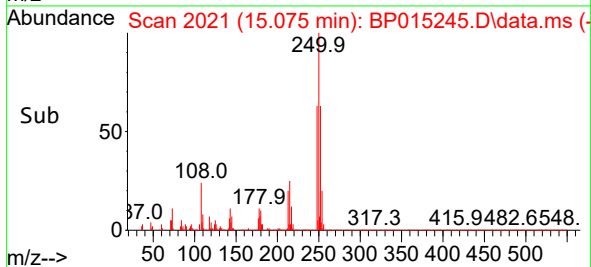
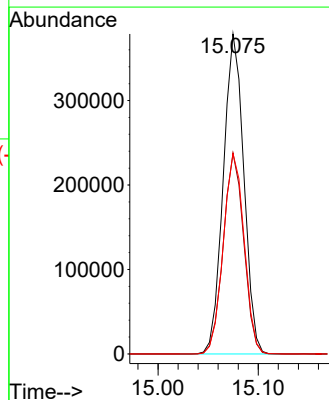
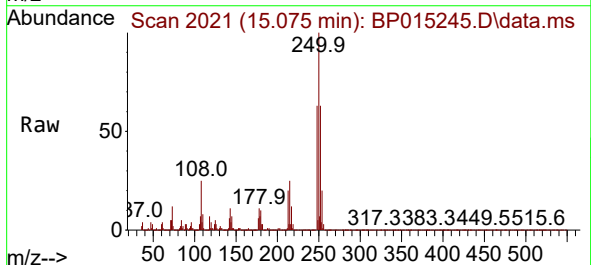
Tgt Ion:250 Resp: 538037

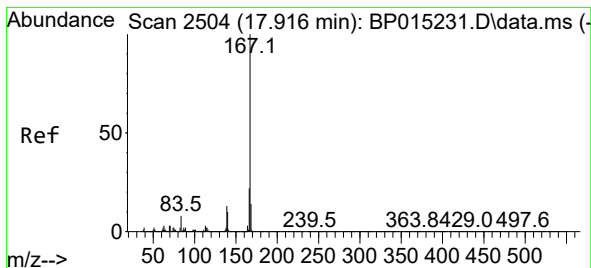
Ion Ratio Lower Upper

250 100

248 62.7 49.8 74.6

252 62.6 51.6 77.4





#77

Carbazole

Concen: 28.061 ng/ul

RT: 17.910 min Scan# 2504

Delta R.T. -0.000 min

Lab File: BP015245.D

Acq: 23 May 2023 17:40

Instrument :

BNA_P

ClientSampleId :

SLCS971

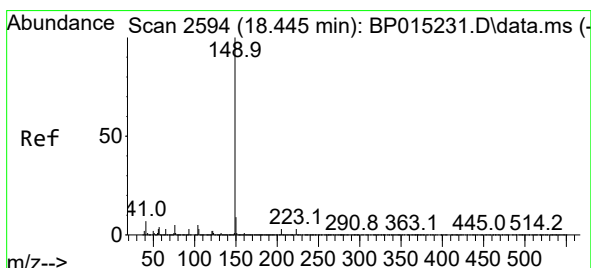
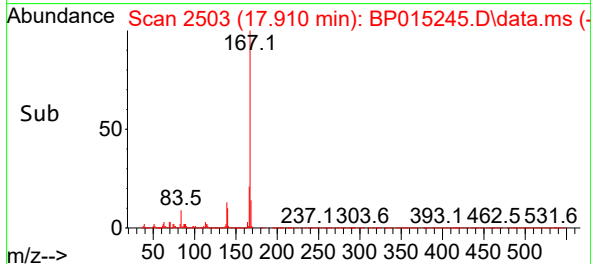
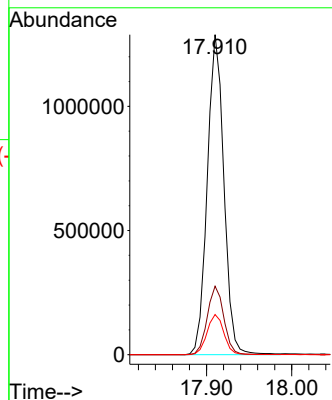
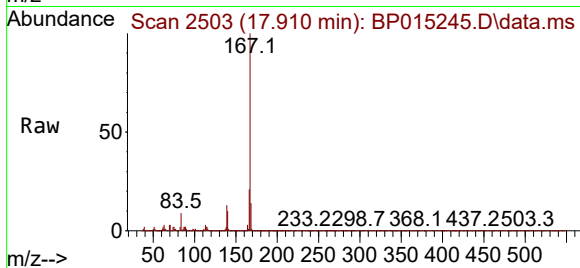
Tgt Ion:167 Resp: 1748355

Ion Ratio Lower Upper

167 100

166 21.4 17.4 26.2

139 12.6 10.2 15.4



#78

Di-n-butylphthalate

Concen: 29.498 ng/ul

RT: 18.439 min Scan# 2593

Delta R.T. -0.000 min

Lab File: BP015245.D

Acq: 23 May 2023 17:40

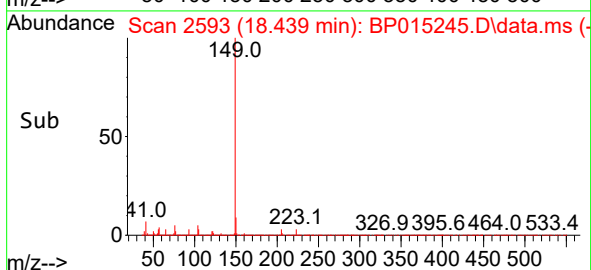
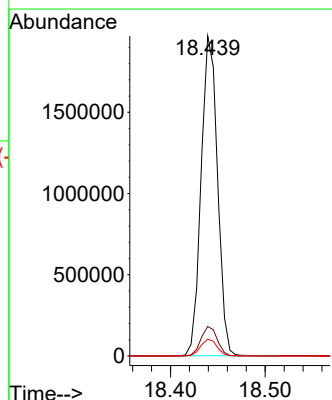
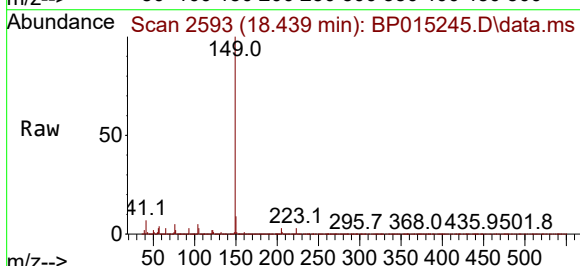
Tgt Ion:149 Resp: 2366815

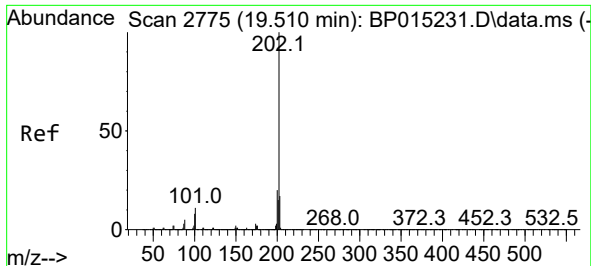
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 5.3 3.9 5.9

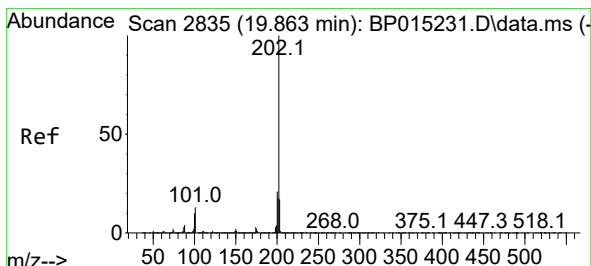
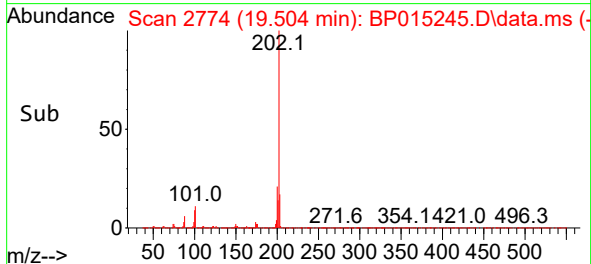
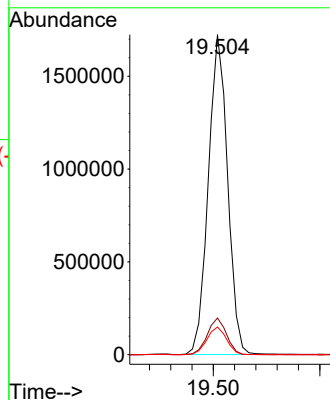
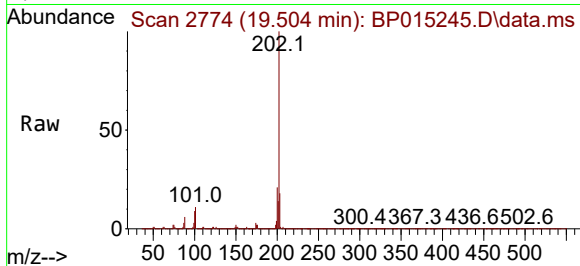




#80
Fluoranthene
Concen: 35.262 ng/ul
RT: 19.504 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP015245.D
Acq: 23 May 2023 17:40

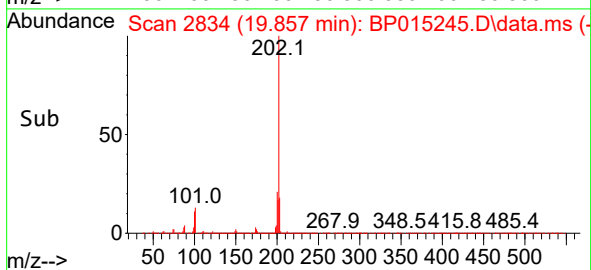
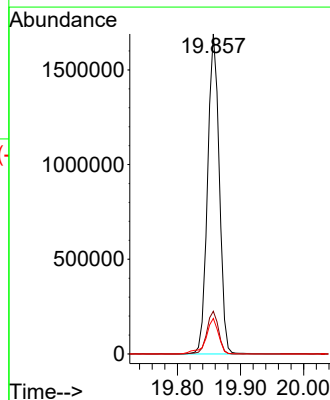
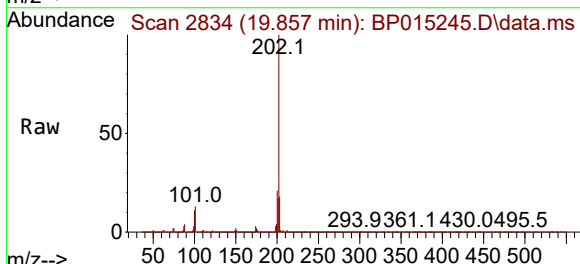
Instrument :
BNA_P
ClientSampleId :
SLCS971

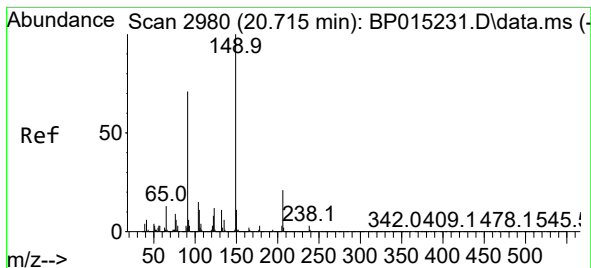
Tgt Ion:202 Resp: 2171465
Ion Ratio Lower Upper
202 100
101 11.5 9.5 14.3
100 8.6 7.3 10.9



#82
Pyrene
Concen: 34.065 ng/ul
RT: 19.857 min Scan# 2834
Delta R.T. -0.000 min
Lab File: BP015245.D
Acq: 23 May 2023 17:40

Tgt Ion:202 Resp: 2166258
Ion Ratio Lower Upper
202 100
101 13.3 11.2 16.8
100 11.1 9.0 13.6





#83

Butylbenzylphthalate

Concen: 33.905 ng/ul

RT: 20.710 min Scan# 2980

Delta R.T. -0.000 min

Lab File: BP015245.D

Acq: 23 May 2023 17:40

Instrument :

BNA_P

ClientSampleId :

SLCS971

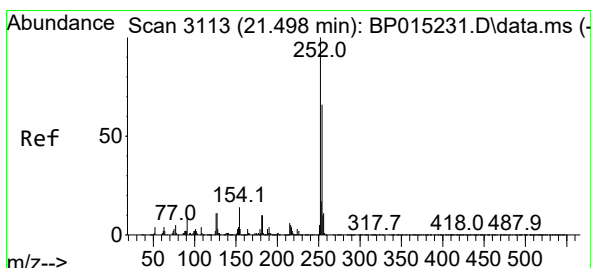
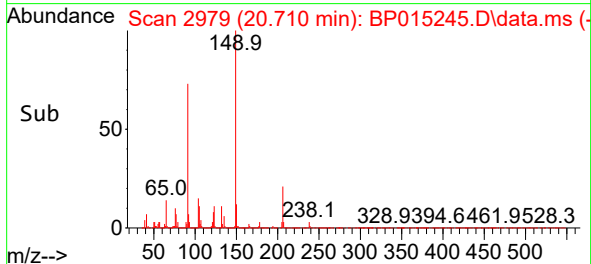
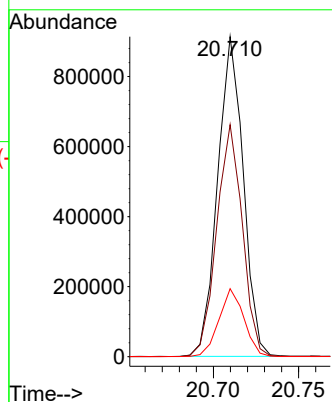
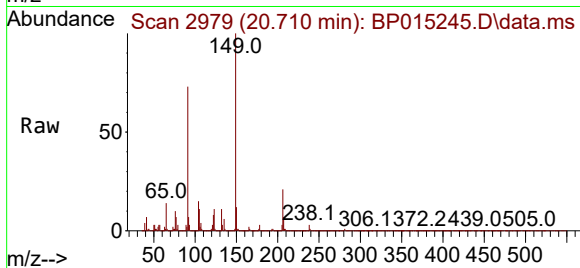
Tgt Ion:149 Resp: 955853

Ion Ratio Lower Upper

149 100

91 72.5 57.4 86.2

206 21.2 16.6 25.0



#84

3,3'-Dichlorobenzidine

Concen: 30.125 ng/ul

RT: 21.492 min Scan# 3112

Delta R.T. -0.000 min

Lab File: BP015245.D

Acq: 23 May 2023 17:40

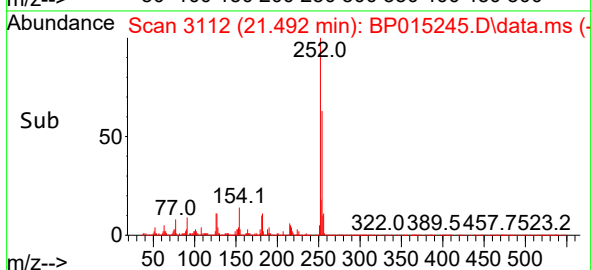
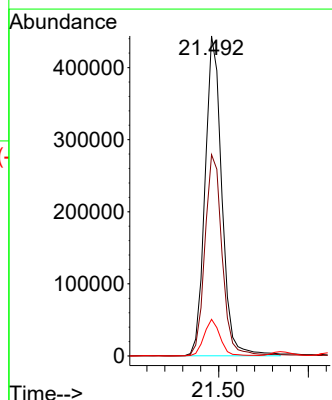
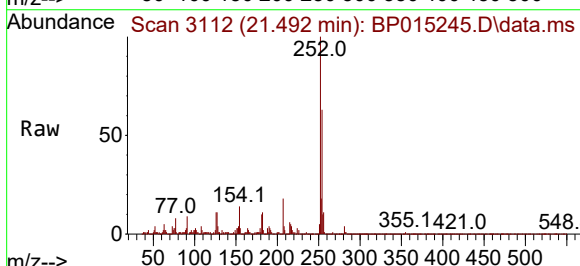
Tgt Ion:252 Resp: 576359

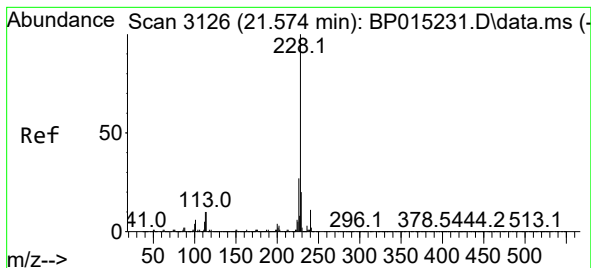
Ion Ratio Lower Upper

252 100

254 62.9 50.8 76.2

126 11.4 9.8 14.8





#85

Benzo(a)anthracene

Concen: 30.209 ng/ul

RT: 21.569 min Scan# 3126

Delta R.T. -0.000 min

Lab File: BP015245.D

Acq: 23 May 2023 17:40

Instrument :

BNA_P

ClientSampleId :

SLCS971

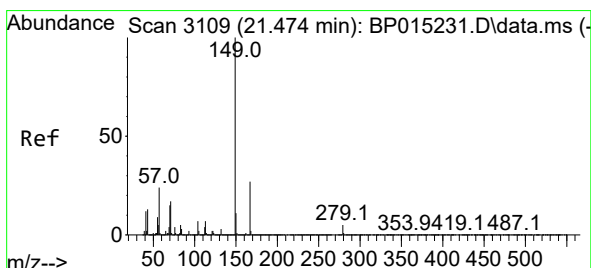
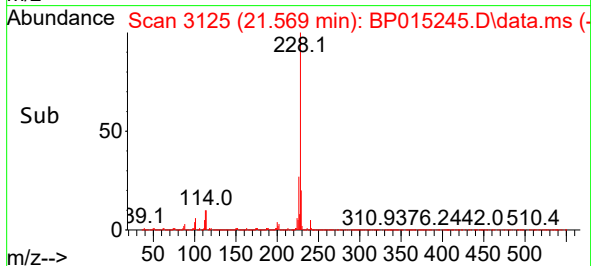
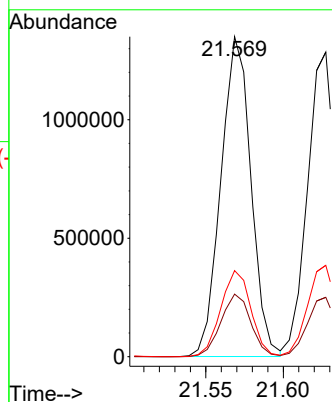
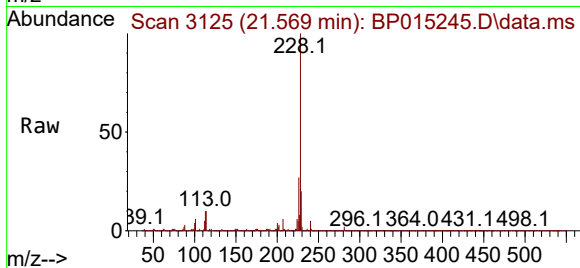
Tgt Ion:228 Resp: 1819577

Ion Ratio Lower Upper

228 100

229 19.5 16.1 24.1

226 26.9 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 34.663 ng/ul

RT: 21.469 min Scan# 3108

Delta R.T. -0.000 min

Lab File: BP015245.D

Acq: 23 May 2023 17:40

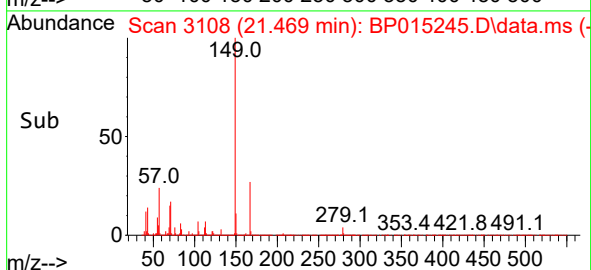
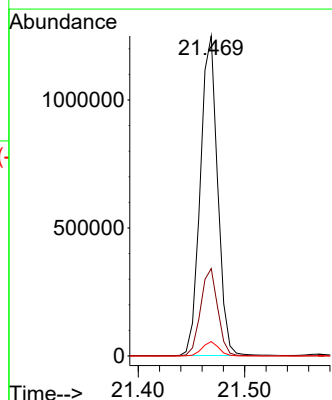
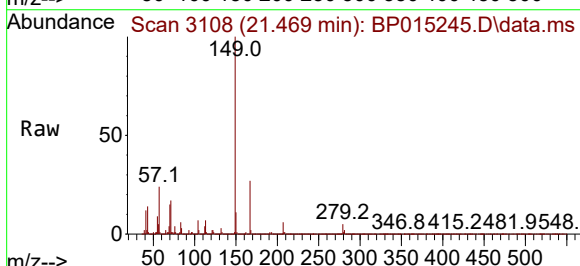
Tgt Ion:149 Resp: 1406860

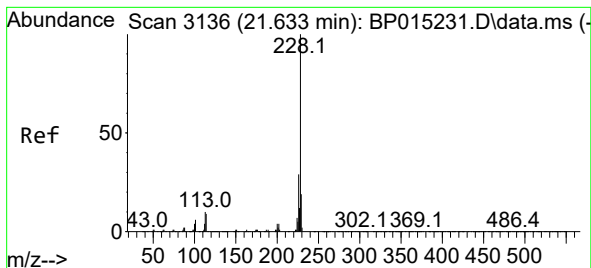
Ion Ratio Lower Upper

149 100

167 27.3 21.8 32.6

279 4.5 3.2 4.8





#87

Chrysene

Concen: 29.458 ng/ul

RT: 21.627 min Scan# 3136

Delta R.T. -0.000 min

Lab File: BP015245.D

Acq: 23 May 2023 17:40

Instrument :

BNA_P

ClientSampleId :

SLCS971

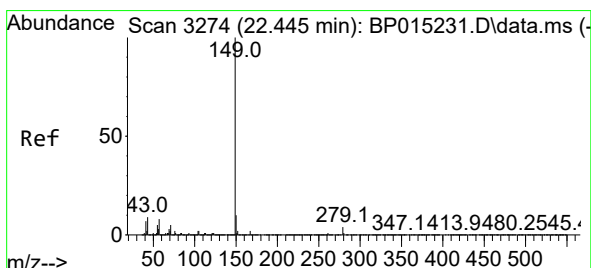
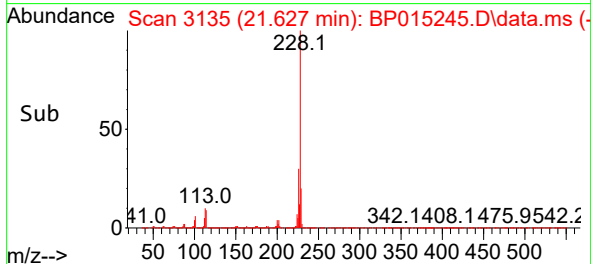
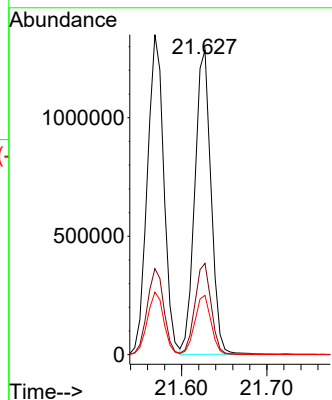
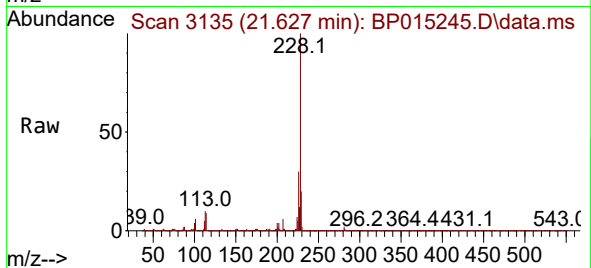
Tgt Ion:228 Resp: 1696188

Ion Ratio Lower Upper

228 100

226 30.0 25.0 37.6

229 19.5 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 35.786 ng/ul

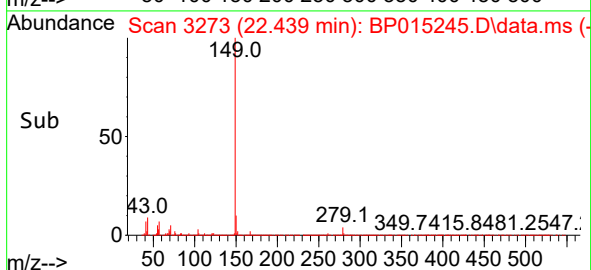
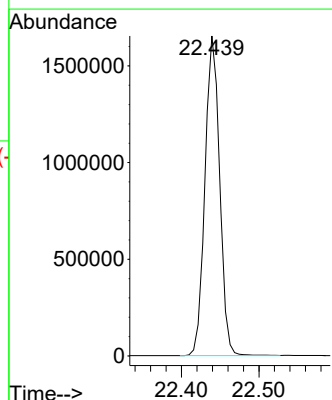
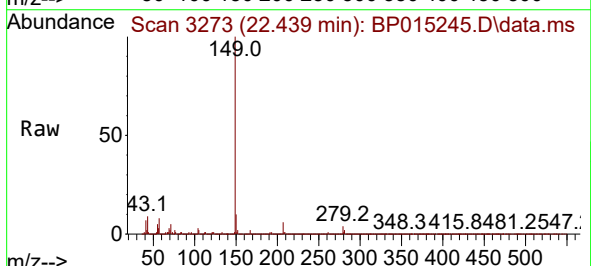
RT: 22.439 min Scan# 3273

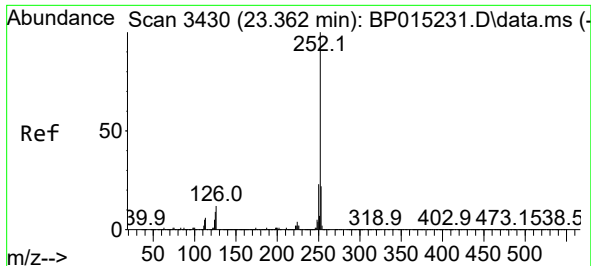
Delta R.T. -0.000 min

Lab File: BP015245.D

Acq: 23 May 2023 17:40

Tgt Ion:149 Resp: 2175651

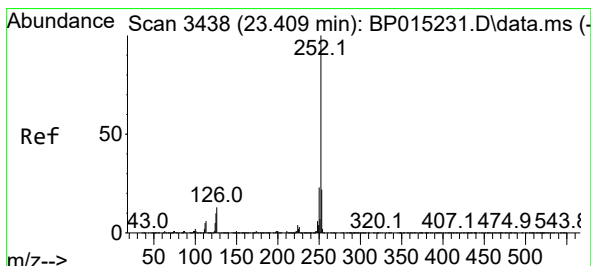
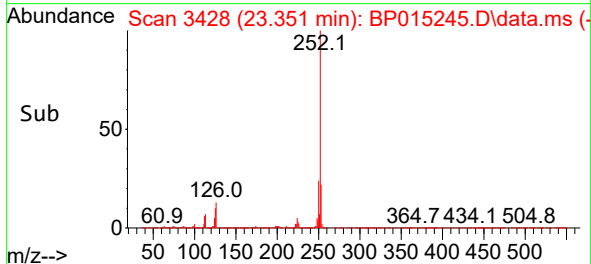
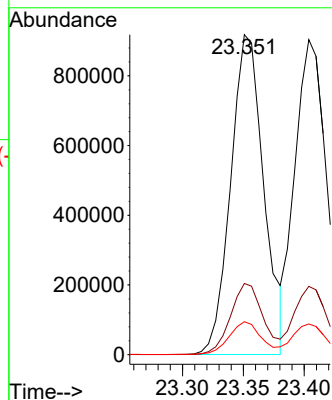
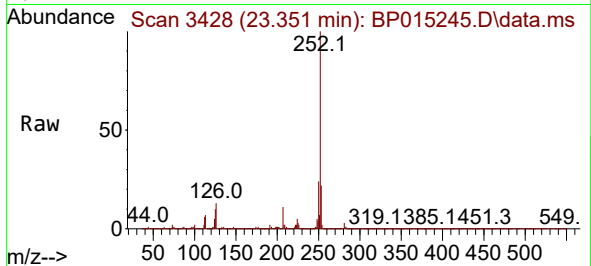




#90
Benzo(b)fluoranthene
Concen: 30.796 ng/ul
RT: 23.351 min Scan# 3430
Delta R.T. -0.000 min
Lab File: BP015245.D
Acq: 23 May 2023 17:40

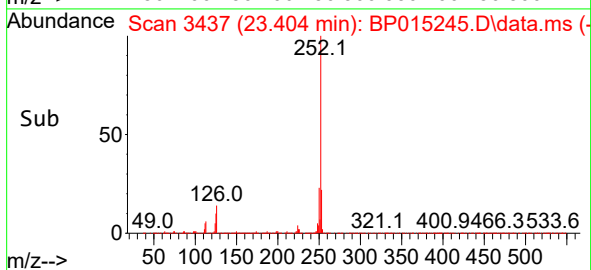
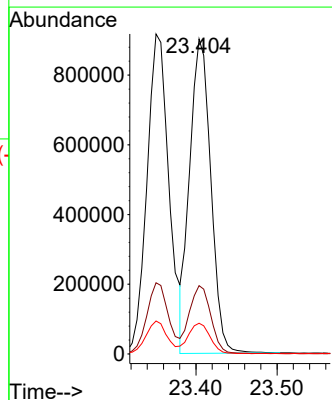
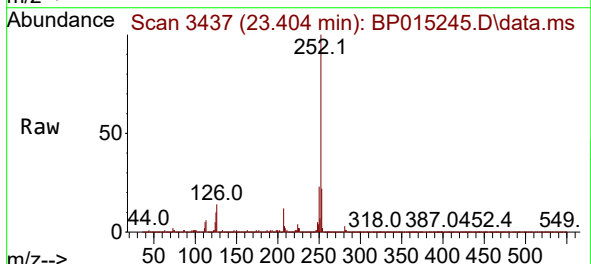
Instrument :
BNA_P
ClientSampleId :
SLCS971

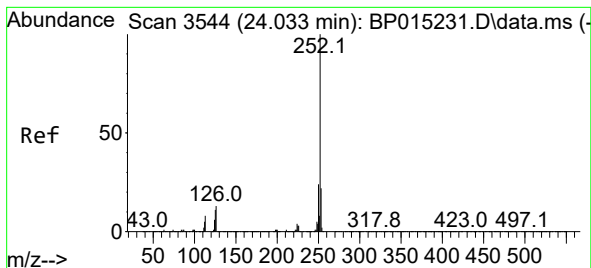
Tgt Ion:252 Resp: 1733100
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 10.3 8.3 12.5



#91
Benzo(k)fluoranthene
Concen: 30.275 ng/ul
RT: 23.404 min Scan# 3437
Delta R.T. -0.000 min
Lab File: BP015245.D
Acq: 23 May 2023 17:40

Tgt Ion:252 Resp: 1635985
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.7 8.5 12.7





#93

Benzo(a)pyrene

Concen: 29.454 ng/ul

RT: 24.027 min Scan# 3543

Delta R.T. -0.000 min

Lab File: BP015245.D

Acq: 23 May 2023 17:40

Instrument :

BNA_P

ClientSampleId :

SLCS971

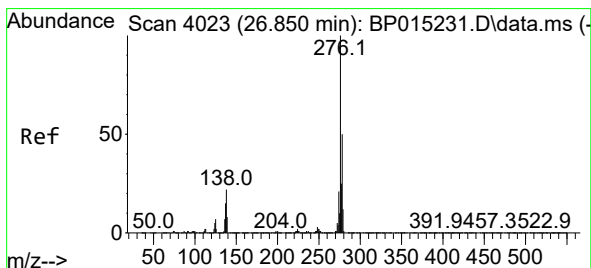
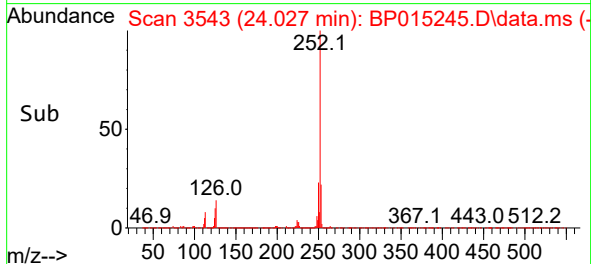
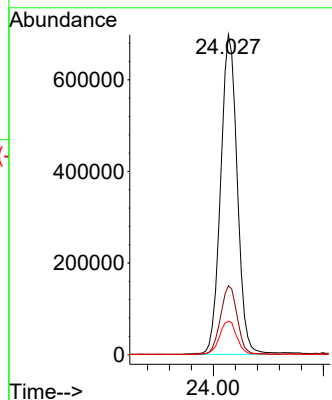
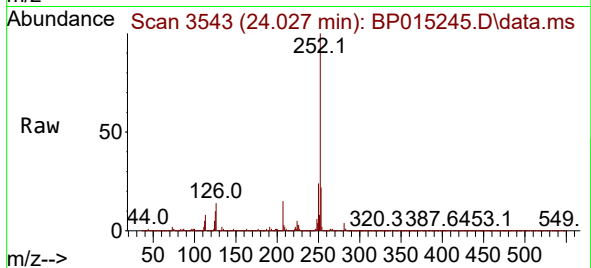
Tgt Ion:252 Resp: 1465116

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

125 10.4 9.1 13.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 29.242 ng/ul

RT: 26.851 min Scan# 4023

Delta R.T. 0.006 min

Lab File: BP015245.D

Acq: 23 May 2023 17:40

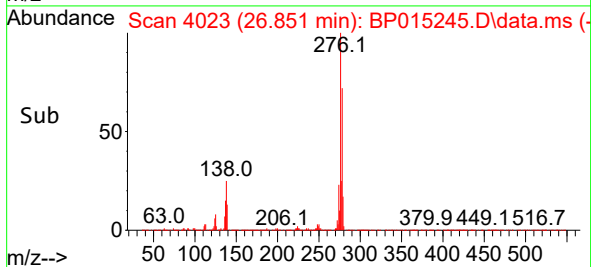
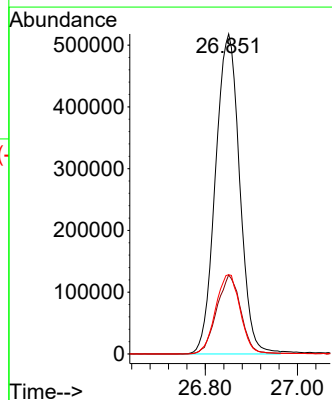
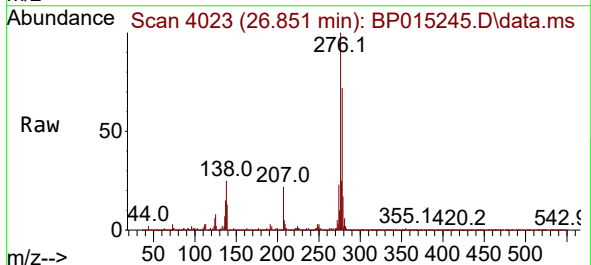
Tgt Ion:276 Resp: 1883360

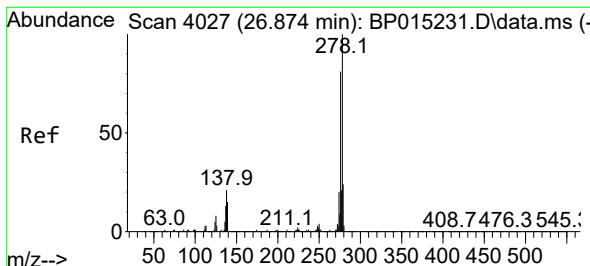
Ion Ratio Lower Upper

276 100

138 24.7 20.1 30.1

277 24.8 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 29.526 ng/ul

RT: 26.868 min Scan# 4027

Delta R.T. 0.006 min

Lab File: BP015245.D

Acq: 23 May 2023 17:40

Instrument :

BNA_P

ClientSampleId :

SLCS971

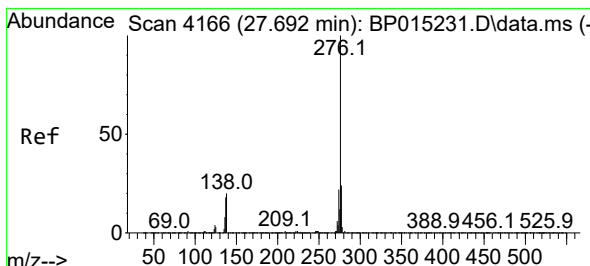
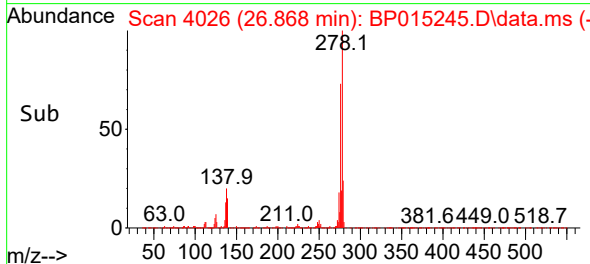
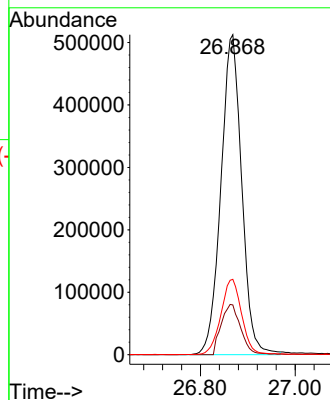
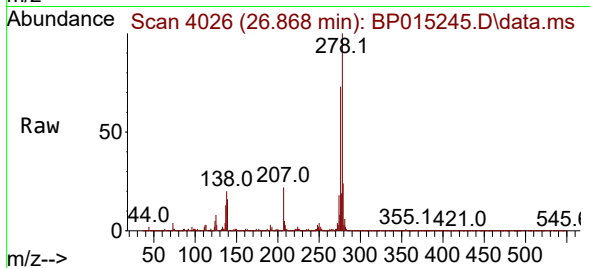
Tgt Ion:278 Resp: 1561051

Ion Ratio Lower Upper

278 100

139 15.5 13.3 19.9

279 23.6 19.1 28.7



#96

Benzo(g,h,i)perylene

Concen: 29.358 ng/ul

RT: 27.680 min Scan# 4164

Delta R.T. 0.006 min

Lab File: BP015245.D

Acq: 23 May 2023 17:40

Tgt Ion:276 Resp: 1541904

Ion Ratio Lower Upper

276 100

138 20.3 17.7 26.5

277 22.7 18.8 28.2

