

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052323\
 Data File : BP015246.D
 Acq On : 23 May 2023 18:14
 Operator : CG/JU
 Sample : PB152973BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS973

Quant Time: May 23 22:21:53 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	8.116	152	226596	20.000	ng/u1	0.00
20) Naphthalene-d8	10.946	136	1001083	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.757	164	623578	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.510	188	1353885	20.000	ng/u1	0.00
79) Chrysene-d12	21.586	240	952584	20.000	ng/u1	0.00
88) Perylene-d12	24.145	264	966558	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	33690	5.777	ng/uL	0.00
4) Pyridine-d5	3.864	84	459916	27.821	ng/u1	0.00
7) Phenol-d5	7.269	99	648540	30.826	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.440	67	386708	31.825	ng/u1	0.00
11) 2-Chlorophenol-d4	7.646	132	506176	32.722	ng/u1	0.00
15) 4-Methylphenol-d8	8.834	113	535128	31.920	ng/u1	0.00
21) Nitrobenzene-d5	9.293	128	261534	33.247	ng/u1	0.00
24) 2-Nitrophenol-d4	10.022	143	299943	34.268	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.563	165	539810	34.177	ng/u1	0.00
31) 4-Chloroaniline-d4	11.087	131	692377	29.628	ng/u1	0.00
46) Dimethylphthalate-d6	14.163	166	1599789	33.951	ng/u1	0.00
49) Acenaphthylene-d8	14.451	160	1790071	33.215	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	281308	30.744	ng/u1	0.00
60) Fluorene-d10	15.751	176	1334133	33.554	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	262098	30.718	ng/u1	0.00
73) Anthracene-d10	17.610	188	1969436	31.768	ng/u1	0.00
81) Pyrene-d10	19.828	212	2133210	38.611	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	1674450	34.898	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.464	88	70242	11.209	ng/uL#	91
5) Pyridine	3.887	79	447749	26.043	ng/u1	95
6) Benzaldehyde	7.252	77	376643	65.132	ng/u1	97
8) Phenol	7.299	94	673427	31.215	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.534	93	525790	30.462	ng/u1	98
12) 2-Chlorophenol	7.675	128	511204	31.243	ng/u1	97
13) 2-Methylphenol	8.563	108	507725	30.450	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.646	45	404325	18.697	ng/u1	98
16) Acetophenone	8.952	105	813381	31.087	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.940	70	419640	30.581	ng/u1	96
18) 4-Methylphenol	8.899	108	563307	30.694	ng/u1	99
19) Hexachloroethane	9.210	117	205883	30.817	ng/u1	92
22) Nitrobenzene	9.340	77	637170	32.796	ng/u1	99
23) Isophorone	9.869	82	1204712	30.167	ng/u1	99
25) 2-Nitrophenol	10.057	139	311395	32.443	ng/u1	94
26) 2,4-Dimethylphenol	10.110	107	555877	29.022	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.352	93	753871	31.026	ng/u1	98
29) 2,4-Dichlorophenol	10.593	162	531967	33.344	ng/u1	100
30) Naphthalene	10.999	128	1672843	30.736	ng/u1	99
32) 4-Chloroaniline	11.110	127	656968	27.353	ng/u1	100
33) Hexachlorobutadiene	11.281	225	326022	33.906	ng/u1	98
34) Caprolactam	11.893	113	124760	20.742	ng/u1	86
35) 4-Chloro-3-methylphenol	12.222	107	595551	33.060	ng/u1	98
36) 2-Methylnaphthalene	12.599	142	1149743	31.353	ng/u1	99

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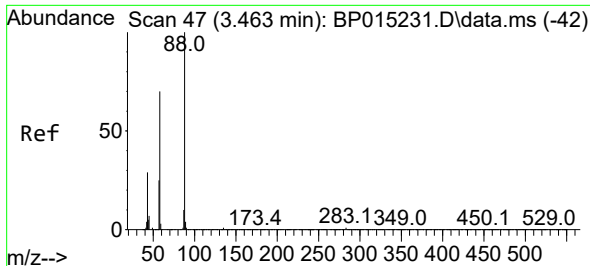
Quant Time: May 23 22:21:53 2023
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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.816	142	1176082	31.936	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.957	216	639992	34.316	ng/ul	98
40) Hexachlorocyclopentadiene	12.934	237	242455	20.065	ng/ul	98
41) 2,4,6-Trichlorophenol	13.199	196	433793	32.940	ng/ul	98
42) 2,4,5-Trichlorophenol	13.269	196	481180	33.699	ng/ul	100
43) 1,1'-Biphenyl	13.593	154	1566199	32.372	ng/ul	99
44) 2-Chloronaphthalene	13.640	162	1237513	32.753	ng/ul	99
45) 2-Nitroaniline	13.846	65	384683	35.583	ng/ul	92
47) Dimethylphthalate	14.210	163	1595328	32.509	ng/ul	100
48) 2,6-Dinitrotoluene	14.334	165	342410	35.219	ng/ul	98
50) Acenaphthylene	14.481	152	1887065	31.382	ng/ul	100
51) 3-Nitroaniline	14.663	138	337192	38.516	ng/ul	97
52) Acenaphthene	14.822	153	1303059	31.728	ng/ul	100
53) 2,4-Dinitrophenol	14.875	184	160191	24.816	ng/ul	95
55) 4-Nitrophenol	14.969	109	233075	34.633	ng/ul	88
56) Dibenzofuran	15.157	168	1846043	32.316	ng/ul	99
57) 2,4-Dinitrotoluene	15.122	165	479970	34.117	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.381	232	390052	32.367	ng/ul	98
59) Diethylphthalate	15.569	149	1608809	32.869	ng/ul	100
61) Fluorene	15.804	166	1457037	31.739	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.793	204	735704	32.800	ng/ul	95
63) 4-Nitroaniline	15.828	138	322975	42.722	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.887	198	253956	28.840	ng/ul#	99
67) N-Nitrosodiphenylamine	16.010	169	1269599	31.892	ng/ul	99
68) 4-Bromophenyl-phenylether	16.692	248	483161	34.647	ng/ul	98
69) Hexachlorobenzene	16.810	284	556894	33.793	ng/ul	98
70) Atrazine	16.957	200	364338	24.761	ng/ul	99
71) Pentachlorophenol	17.157	266	296338	28.747	ng/ul	99
72) Phenanthrene	17.557	178	2356230	31.960	ng/ul	100
74) Anthracene	17.645	178	2288072	30.691	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.563	216	648277	33.771	ng/ul	100
76) Pentachlorobenzene	15.075	250	628211	32.593	ng/ul	98
77) Carbazole	17.910	167	2076183	31.759	ng/ul	99
78) Di-n-butylphthalate	18.439	149	2767747	32.877	ng/ul	99
80) Fluoranthene	19.504	202	2607957	38.729	ng/ul	98
82) Pyrene	19.857	202	2596272	37.336	ng/ul	98
83) Butylbenzylphthalate	20.710	149	1159009	37.596	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.492	252	715670	34.208	ng/ul	99
85) Benzo(a)anthracene	21.569	228	2207020	33.508	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.469	149	1694237	38.174	ng/ul	100
87) Chrysene	21.627	228	2079177	33.022	ng/ul	98
89) Di-n-octyl phthalate	22.439	149	2642770	39.923	ng/ul	100
90) Benzo(b)fluoranthene	23.357	252	2101232	34.292	ng/ul	99
91) Benzo(k)fluoranthene	23.410	252	2040167	34.675	ng/ul	99
93) Benzo(a)pyrene	24.033	252	1797739	33.193	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.857	276	2326184	33.171	ng/ul	97
95) Dibenzo(a,h)anthracene	26.868	278	1926463	33.465	ng/ul	99
96) Benzo(g,h,i)perylene	27.686	276	1902757	33.273	ng/ul	98

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

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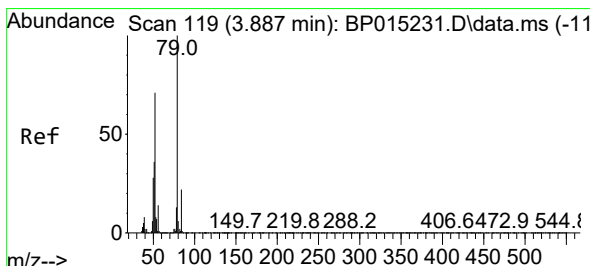
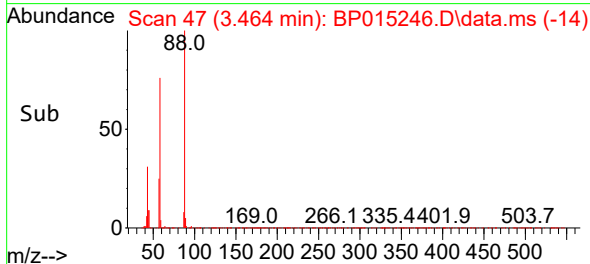
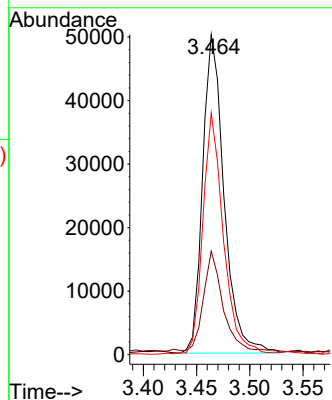
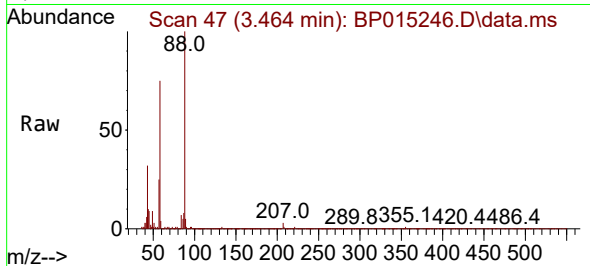




#2
1,4-Dioxane
Concen: 11.209 ng/uL
RT: 3.464 min Scan# 41
Delta R.T. -0.006 min
Lab File: BP015246.D
Acq: 23 May 2023 18:14

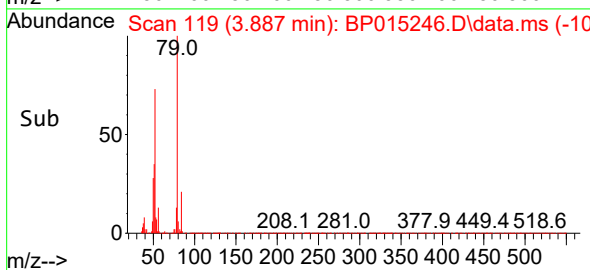
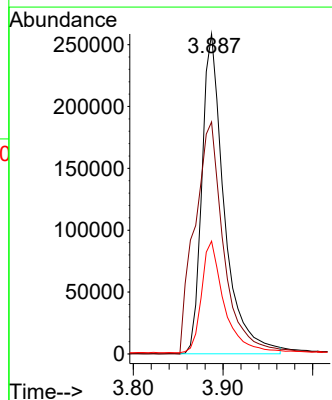
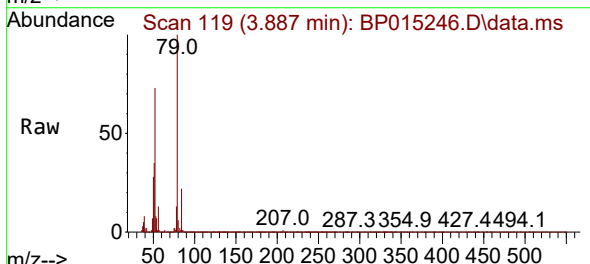
Instrument :
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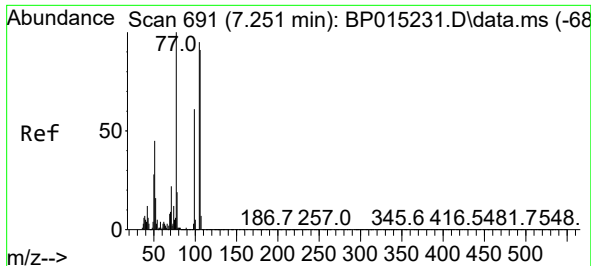
Tgt Ion: 88 Resp: 70242
Ion Ratio Lower Upper
88 100
43 32.3 20.4 30.6#
58 75.4 55.4 83.2



#5
Pyridine
Concen: 26.043 ng/uL
RT: 3.887 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP015246.D
Acq: 23 May 2023 18:14

Tgt Ion: 79 Resp: 447749
Ion Ratio Lower Upper
79 100
52 72.5 55.4 83.2
51 35.2 25.4 38.2

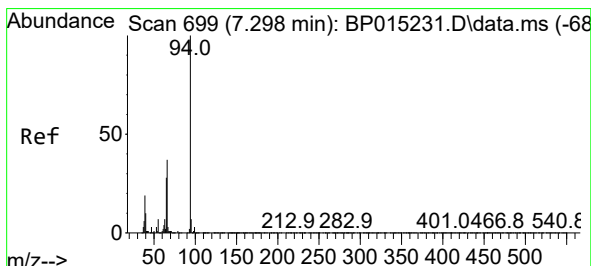
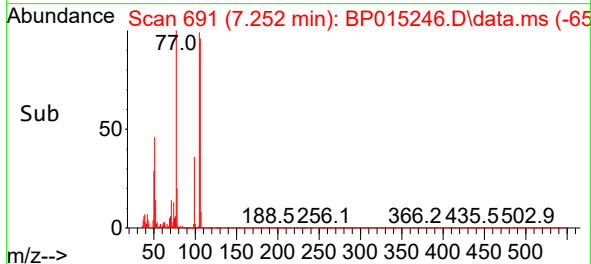
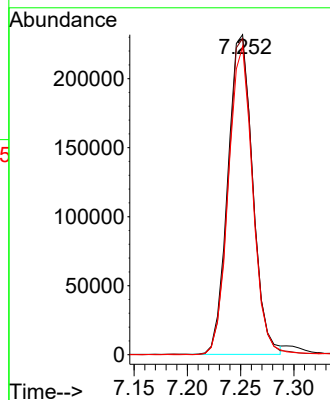
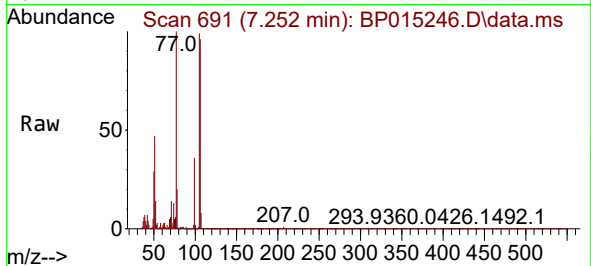




#6
Benzaldehyde
Concen: 65.132 ng/ul
RT: 7.252 min Scan# 691
Delta R.T. -0.000 min
Lab File: BP015246.D
Acq: 23 May 2023 18:14

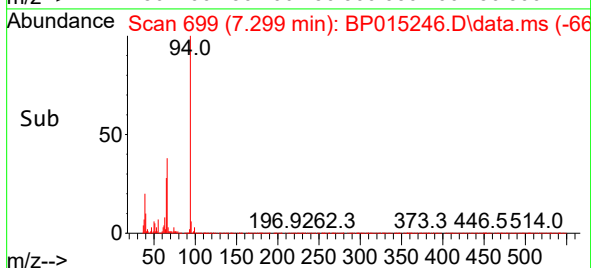
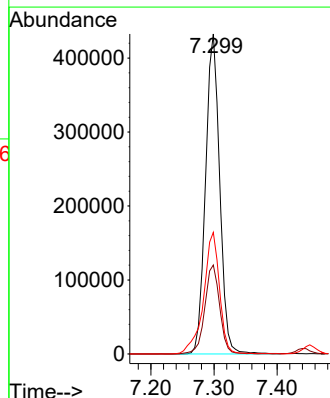
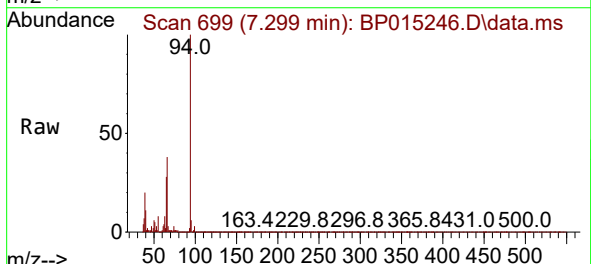
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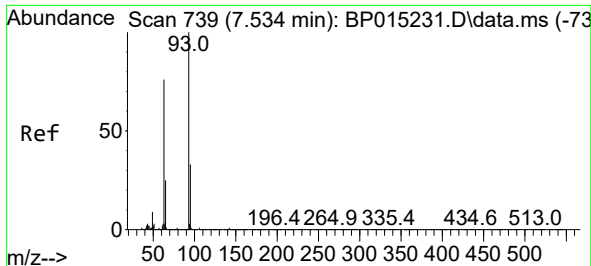
Tgt Ion: 77 Resp: 376643
Ion Ratio Lower Upper
77 100
105 98.8 76.9 115.3
106 96.3 75.0 112.6



#8
Phenol
Concen: 31.215 ng/ul
RT: 7.299 min Scan# 699
Delta R.T. 0.000 min
Lab File: BP015246.D
Acq: 23 May 2023 18:14

Tgt Ion: 94 Resp: 673427
Ion Ratio Lower Upper
94 100
65 27.8 20.6 31.0
66 38.0 26.1 39.1

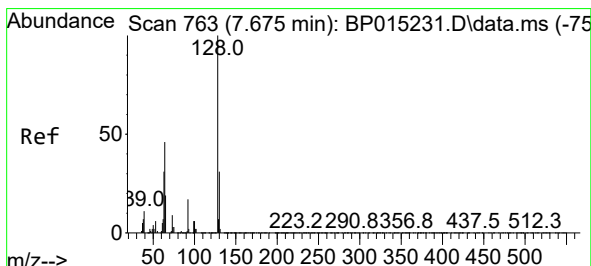
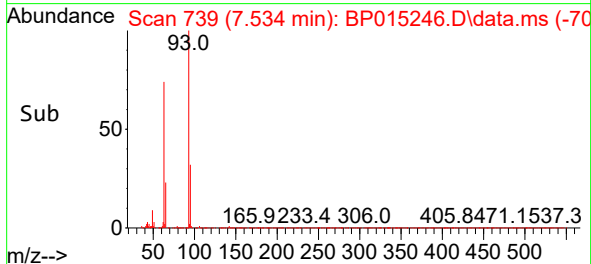
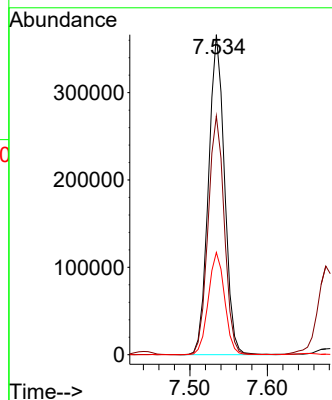
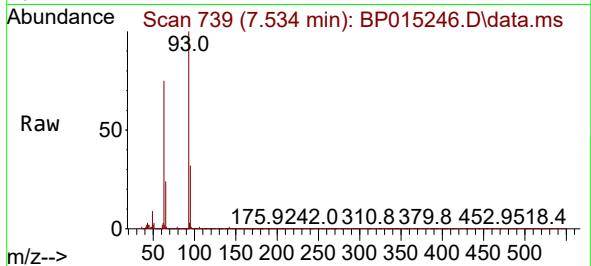




#10
Bis(2-Chloroethyl)ether
Concen: 30.462 ng/ul
RT: 7.534 min Scan# 739
Delta R.T. 0.000 min
Lab File: BP015246.D
Acq: 23 May 2023 18:14

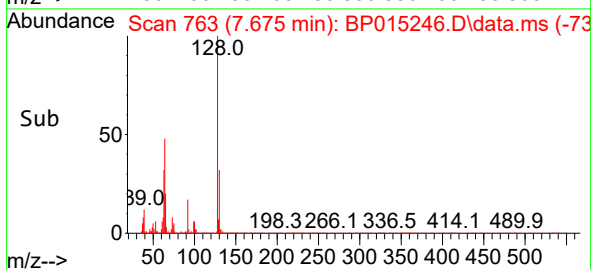
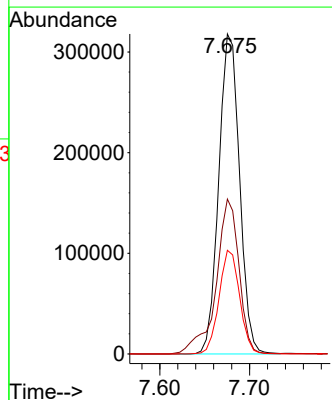
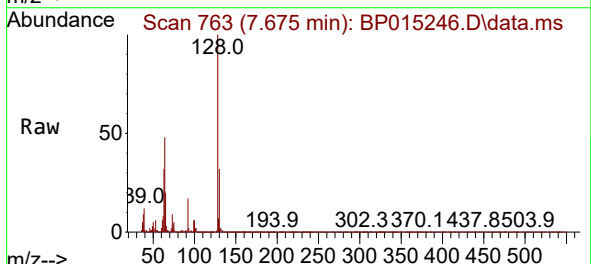
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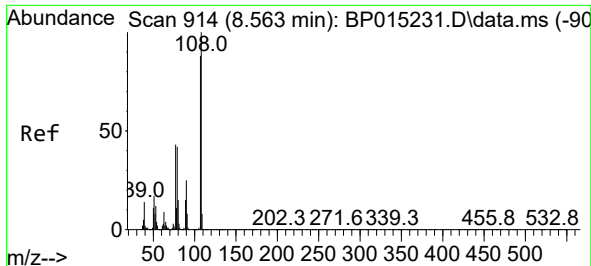
Tgt Ion: 93 Resp: 525790
Ion Ratio Lower Upper
93 100
63 74.6 58.0 87.0
95 32.0 26.4 39.6



#12
2-Chlorophenol
Concen: 31.243 ng/ul
RT: 7.675 min Scan# 763
Delta R.T. -0.006 min
Lab File: BP015246.D
Acq: 23 May 2023 18:14

Tgt Ion:128 Resp: 511204
Ion Ratio Lower Upper
128 100
64 48.4 36.2 54.2
130 32.4 26.3 39.5





#13

2-Methylphenol

Concen: 30.450 ng/ul

RT: 8.563 min Scan# 914

Delta R.T. 0.000 min

Lab File: BP015246.D

Acq: 23 May 2023 18:14

Instrument :

BNA_P

ClientSampleId :

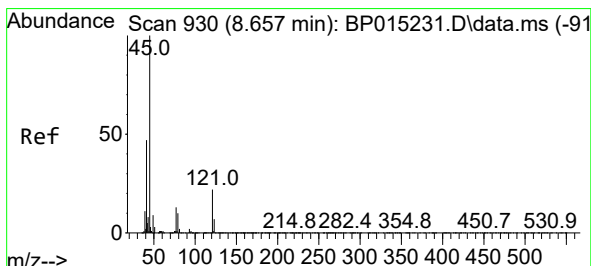
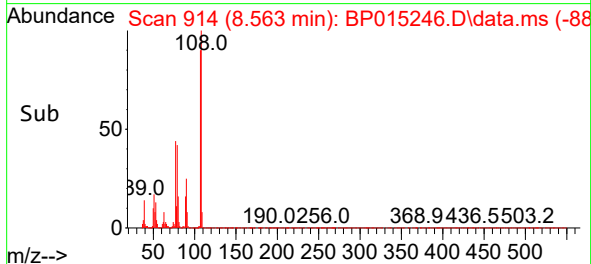
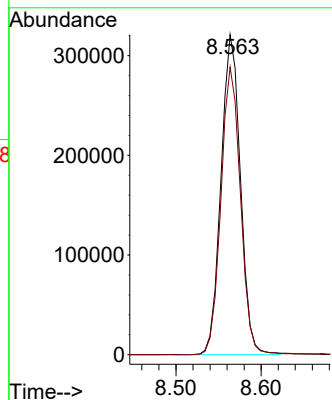
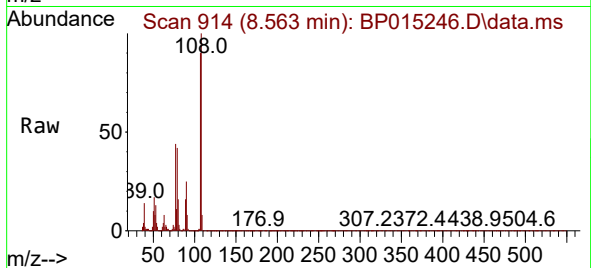
SLCS973

Tgt Ion:108 Resp: 507725

Ion Ratio Lower Upper

108 100

107 89.9 71.8 107.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 18.697 ng/ul

RT: 8.646 min Scan# 928

Delta R.T. -0.012 min

Lab File: BP015246.D

Acq: 23 May 2023 18:14

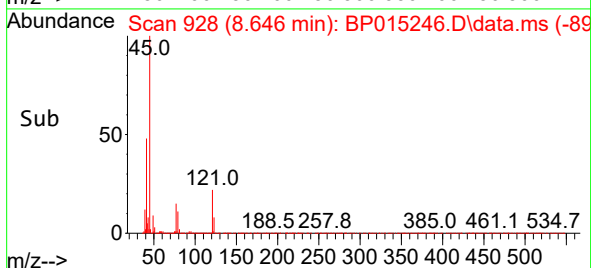
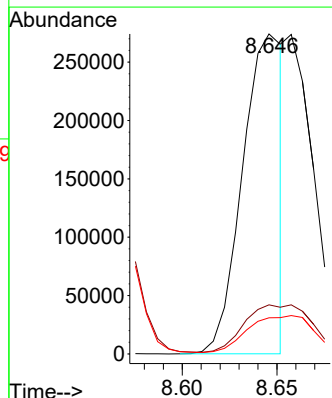
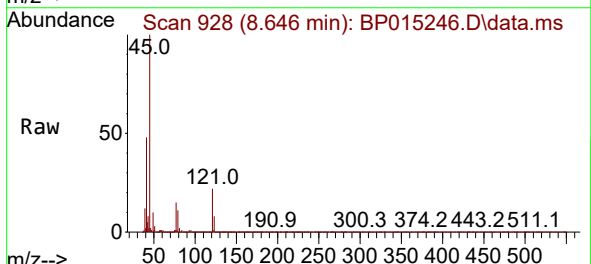
Tgt Ion: 45 Resp: 404325

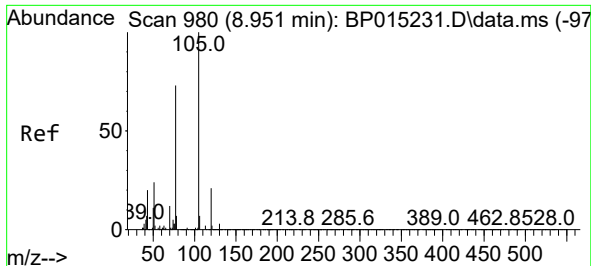
Ion Ratio Lower Upper

45 100

77 15.4 12.8 19.2

79 11.3 9.5 14.3

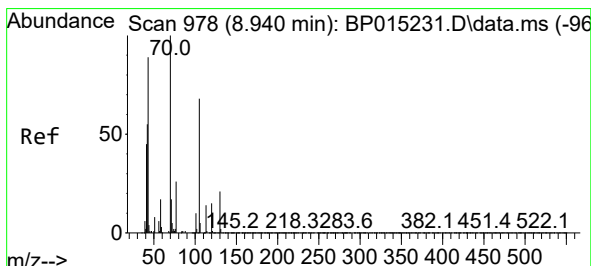
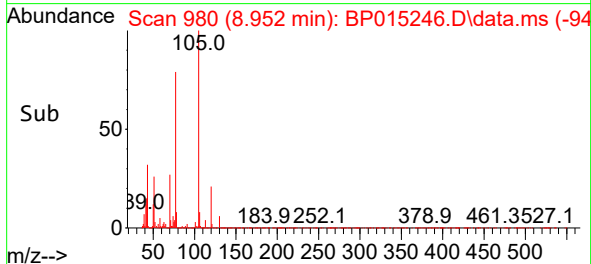
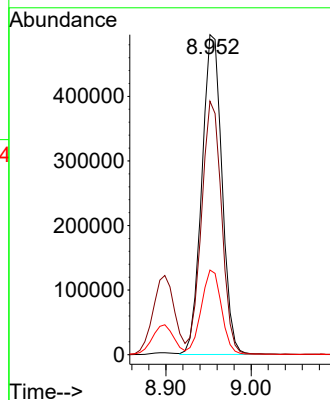
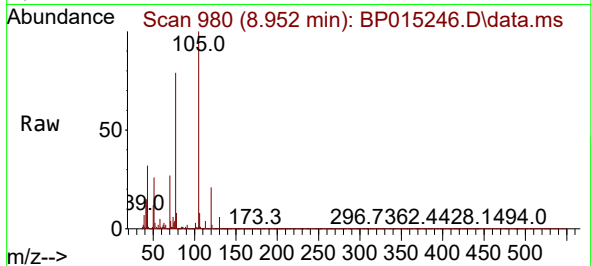




#16
Acetophenone
Concen: 31.087 ng/ul
RT: 8.952 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP015246.D
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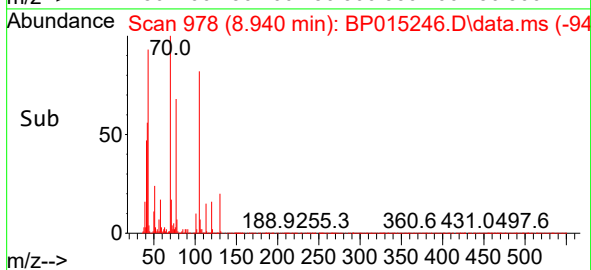
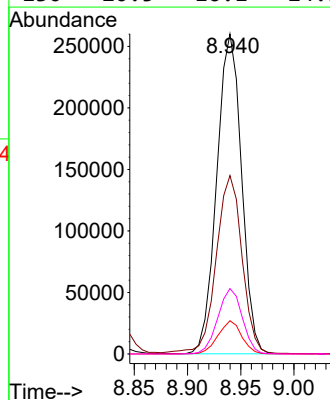
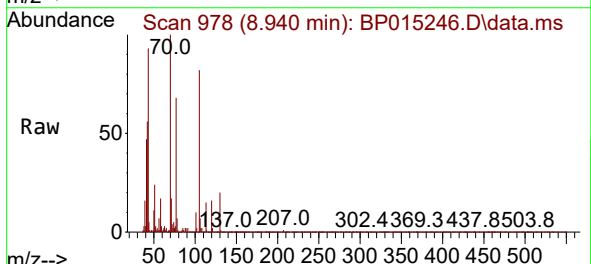
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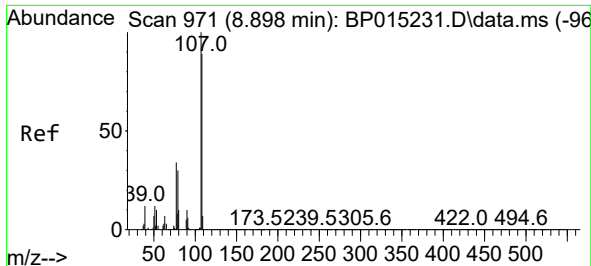
Tgt Ion:105 Resp: 813381
Ion Ratio Lower Upper
105 100
77 79.2 59.4 89.2
51 26.5 19.2 28.8



#17
N-Nitroso-di-n-propylamine
Concen: 30.581 ng/ul
RT: 8.940 min Scan# 978
Delta R.T. 0.000 min
Lab File: BP015246.D
Acq: 23 May 2023 18:14

Tgt Ion: 70 Resp: 419640
Ion Ratio Lower Upper
70 100
42 55.8 41.0 61.6
101 10.4 7.9 11.9
130 20.5 16.1 24.1





#18

4-Methylphenol

Concen: 30.694 ng/ul

RT: 8.899 min Scan# 91

Delta R.T. 0.000 min

Lab File: BP015246.D

Acq: 23 May 2023 18:14

Instrument :

BNA_P

ClientSampleId :

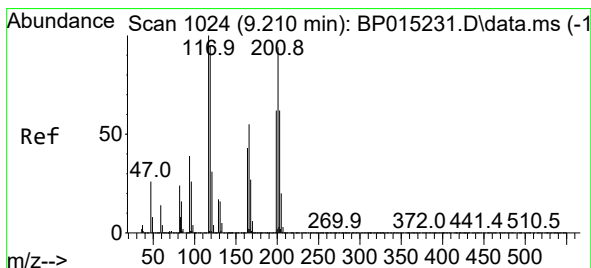
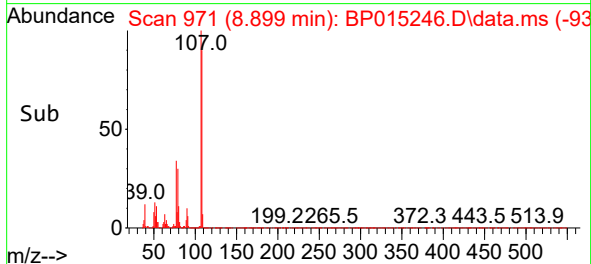
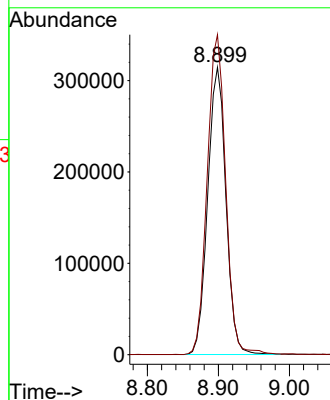
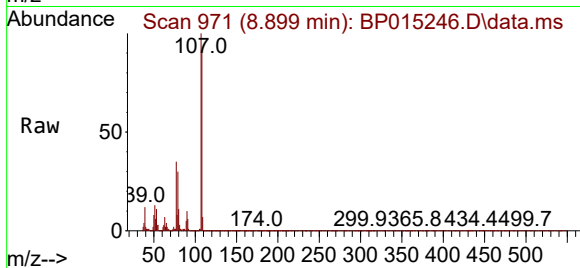
SLCS973

Tgt Ion:108 Resp: 563307

Ion Ratio Lower Upper

108 100

107 111.4 88.5 132.7



#19

Hexachloroethane

Concen: 30.817 ng/ul

RT: 9.210 min Scan# 1024

Delta R.T. 0.000 min

Lab File: BP015246.D

Acq: 23 May 2023 18:14

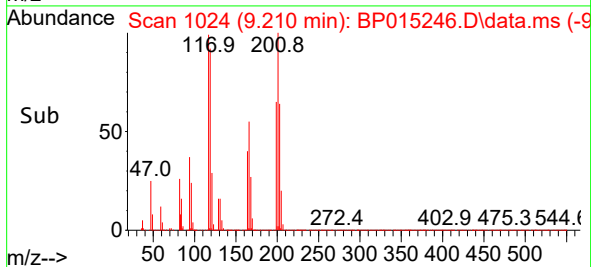
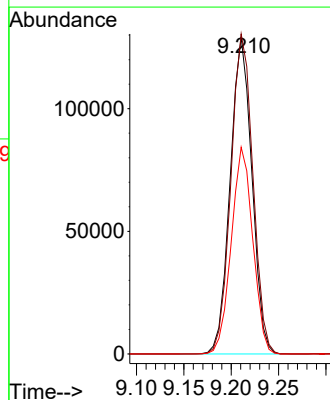
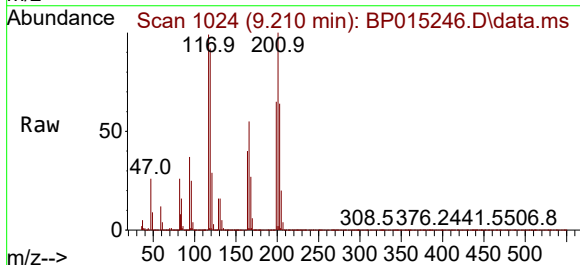
Tgt Ion:117 Resp: 205883

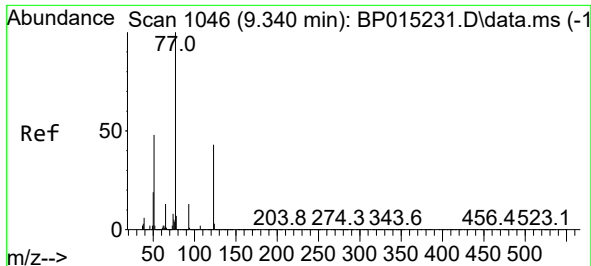
Ion Ratio Lower Upper

117 100

201 101.0 75.8 113.8

199 65.3 46.5 69.7

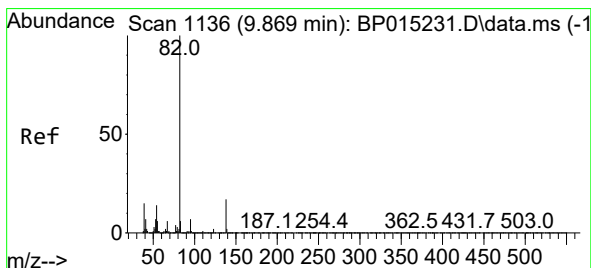
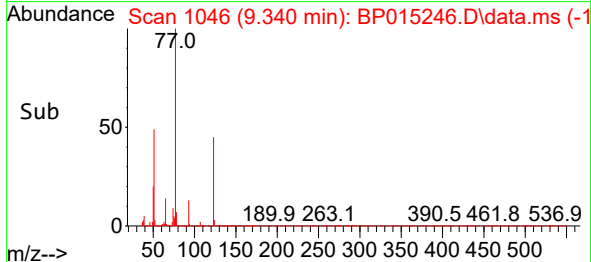
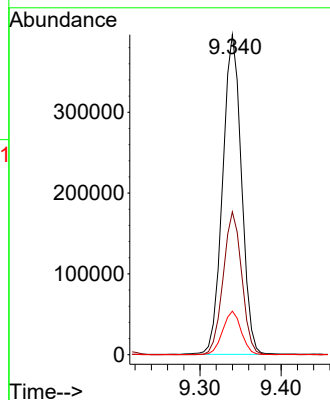
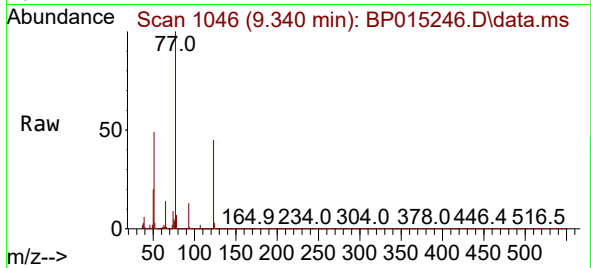




#22
Nitrobenzene
Concen: 32.796 ng/ul
RT: 9.340 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BP015246.D
Acq: 23 May 2023 18:14

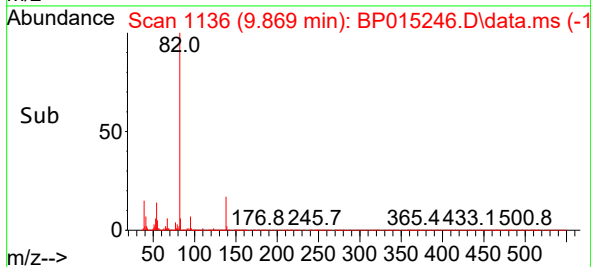
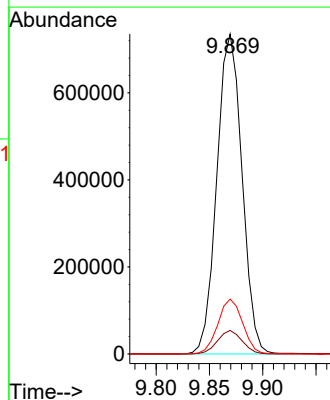
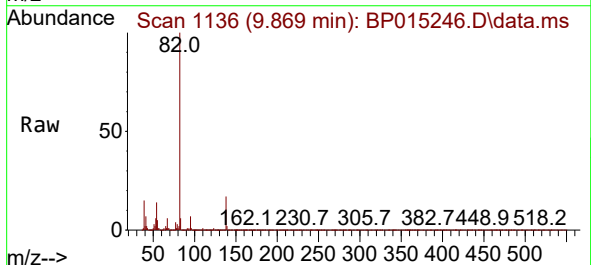
Instrument :
BNA_P
ClientSampleId :
SLCS973

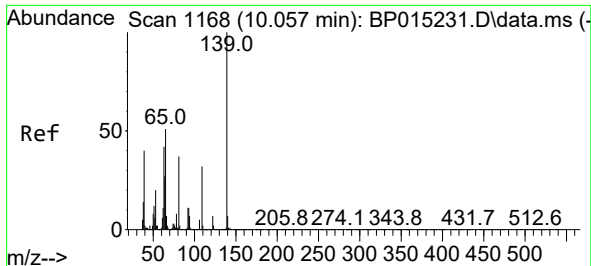
Tgt Ion: 77 Resp: 637170
Ion Ratio Lower Upper
77 100
123 44.6 36.2 54.2
65 13.6 10.1 15.1



#23
Isophorone
Concen: 30.167 ng/ul
RT: 9.869 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BP015246.D
Acq: 23 May 2023 18:14

Tgt Ion: 82 Resp: 1204712
Ion Ratio Lower Upper
82 100
95 7.4 5.4 8.0
138 17.2 13.6 20.4

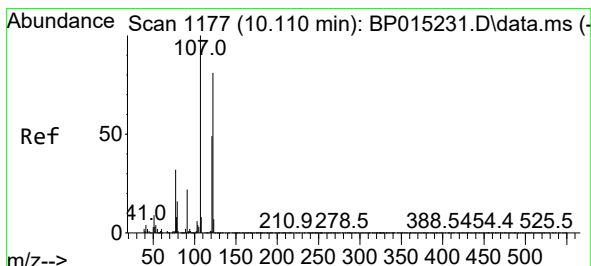
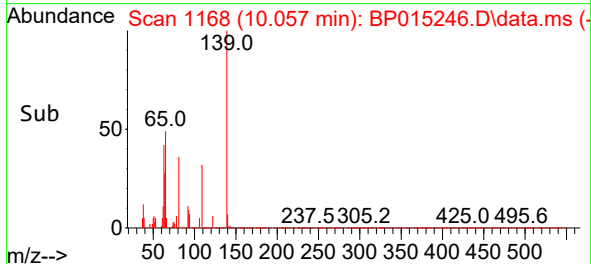
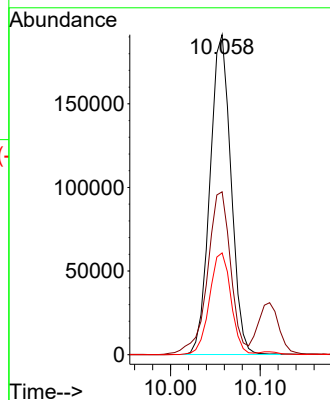
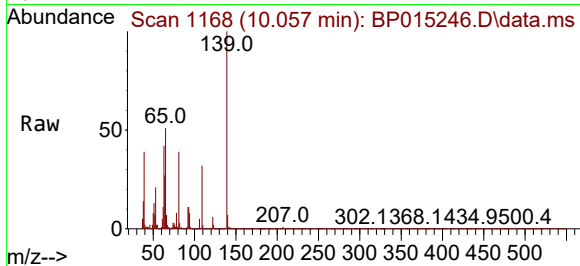




#25
2-Nitrophenol
Concen: 32.443 ng/ul
RT: 10.057 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BP015246.D
Acq: 23 May 2023 18:14

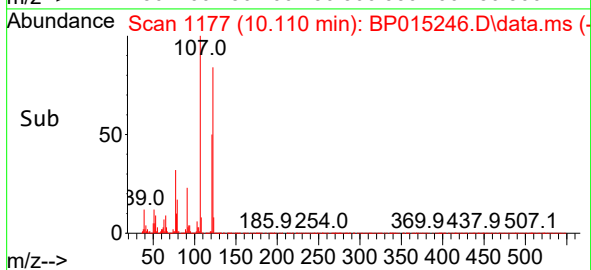
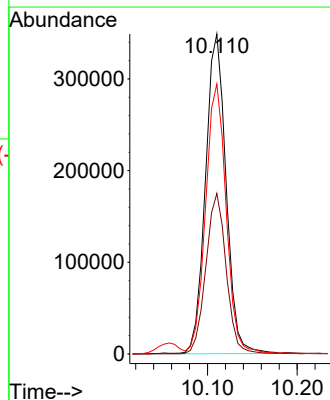
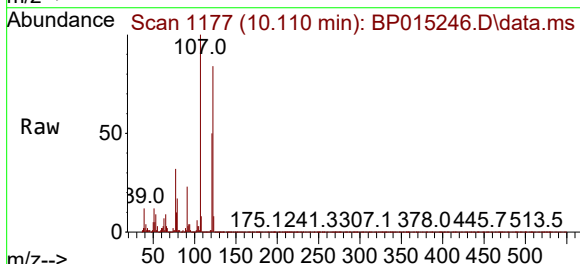
Instrument :
BNA_P
ClientSampleId :
SLCS973

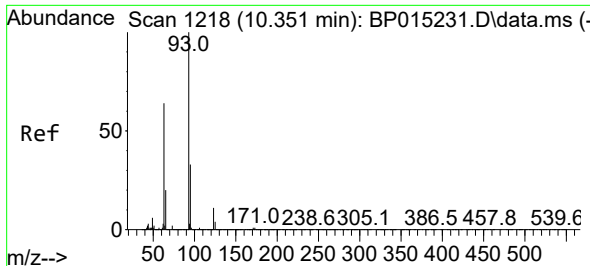
Tgt Ion:139 Resp: 311395
Ion Ratio Lower Upper
139 100
65 50.9 38.4 57.6
109 31.8 22.2 33.2



#26
2,4-Dimethylphenol
Concen: 29.022 ng/ul
RT: 10.110 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BP015246.D
Acq: 23 May 2023 18:14

Tgt Ion:107 Resp: 555877
Ion Ratio Lower Upper
107 100
121 50.2 41.0 61.6
122 84.4 69.5 104.3

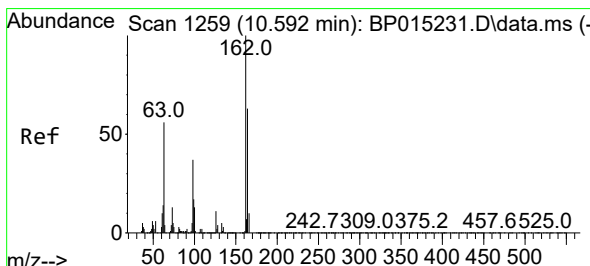
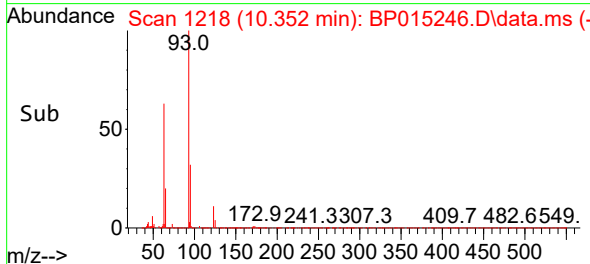
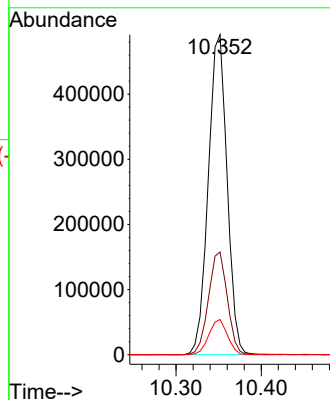
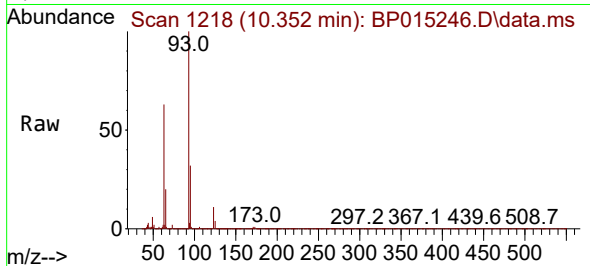




#27
 Bis(2-Chloroethoxy)methane
 Concen: 31.026 ng/ul
 RT: 10.352 min Scan# 1218
 Delta R.T. 0.000 min
 Lab File: BP015246.D
 Acq: 23 May 2023 18:14

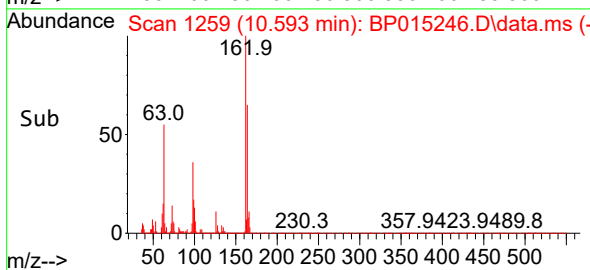
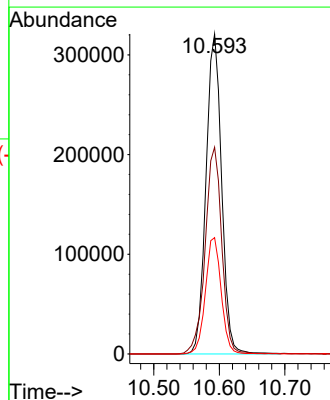
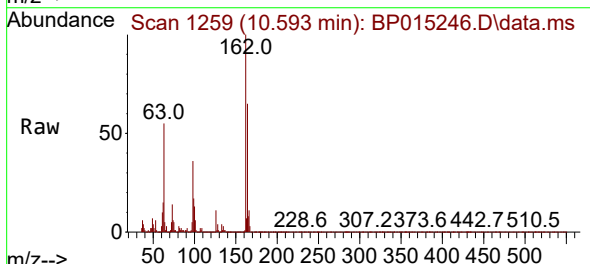
Instrument :
 BNA_P
 ClientSampleId :
 SLCS973

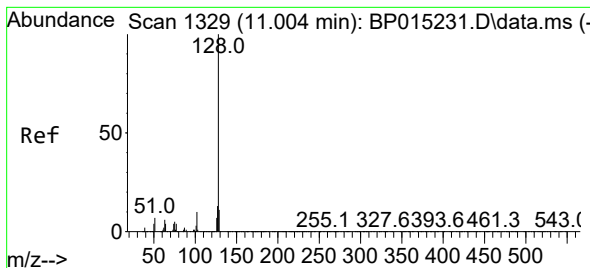
Tgt Ion:	93	Resp:	753871
Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.7	40.1
123	11.0	9.1	13.7



#29
 2,4-Dichlorophenol
 Concen: 33.344 ng/ul
 RT: 10.593 min Scan# 1259
 Delta R.T. -0.000 min
 Lab File: BP015246.D
 Acq: 23 May 2023 18:14

Tgt Ion:	162	Resp:	531967
Ion	Ratio	Lower	Upper
162	100		
164	64.6	52.0	78.0
98	36.3	28.9	43.3





#30

Naphthalene

Concen: 30.736 ng/ul

RT: 10.999 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BP015246.D

Acq: 23 May 2023 18:14

Instrument :

BNA_P

ClientSampleId :

SLCS973

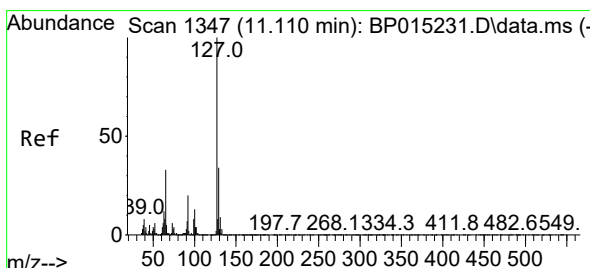
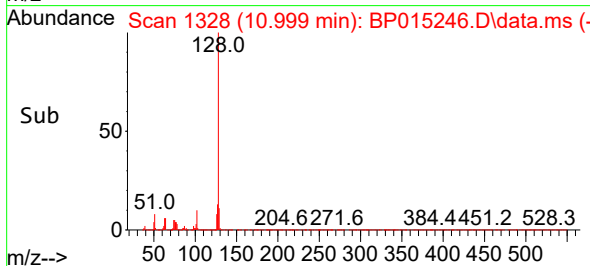
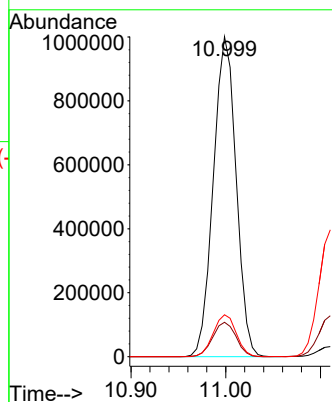
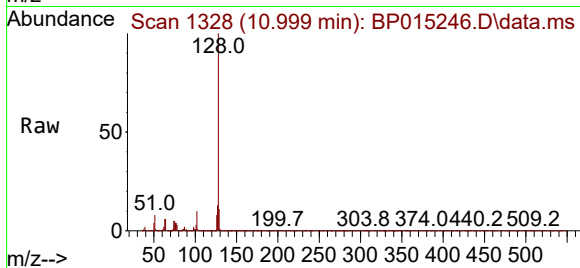
Tgt Ion:128 Resp: 1672843

Ion Ratio Lower Upper

128 100

129 10.8 8.9 13.3

127 13.1 10.6 15.8



#32

4-Chloroaniline

Concen: 27.353 ng/ul

RT: 11.110 min Scan# 1347

Delta R.T. 0.000 min

Lab File: BP015246.D

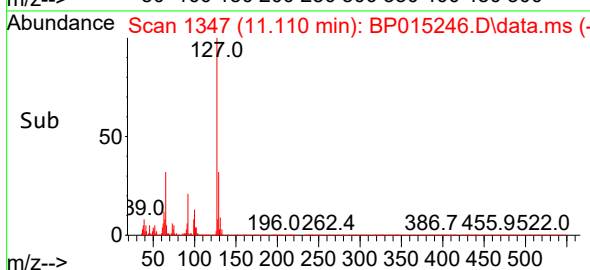
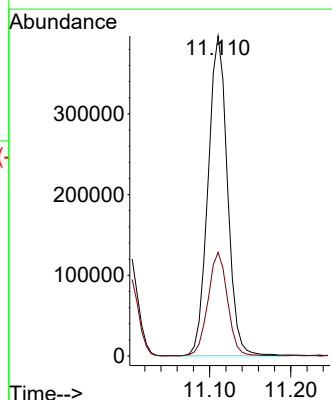
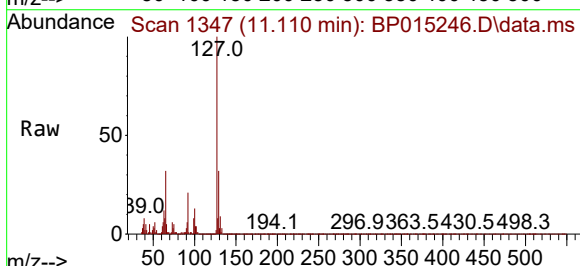
Acq: 23 May 2023 18:14

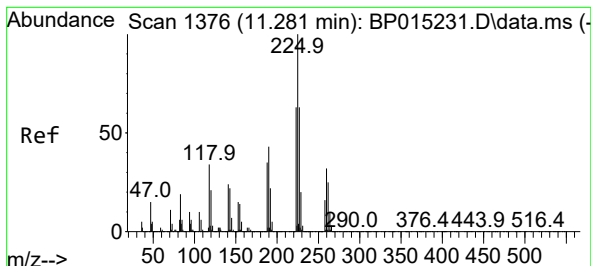
Tgt Ion:127 Resp: 656968

Ion Ratio Lower Upper

127 100

129 32.4 25.8 38.8

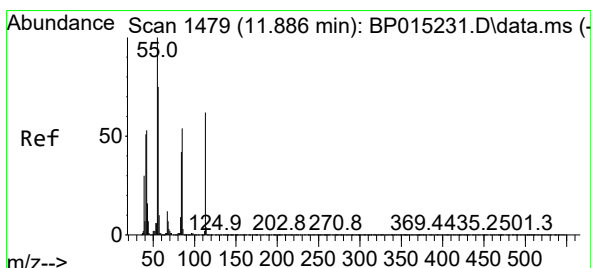
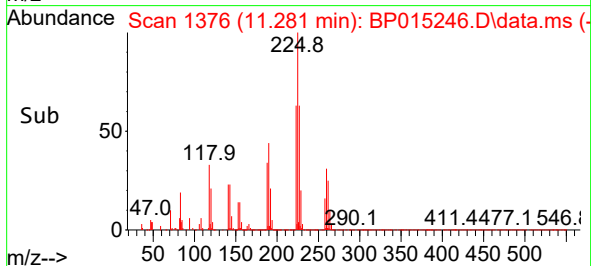
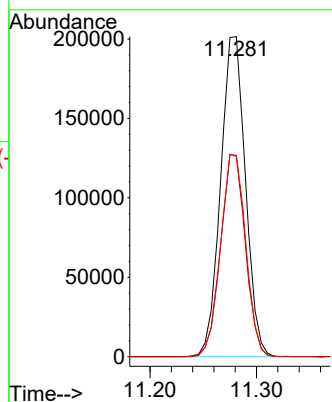
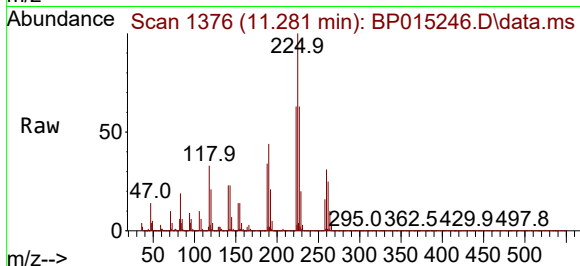




#33
Hexachlorobutadiene
Concen: 33.906 ng/ul
RT: 11.281 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP015246.D
Acq: 23 May 2023 18:14

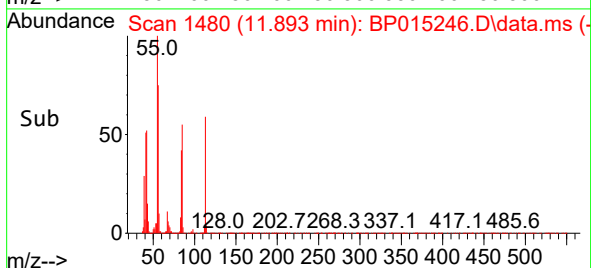
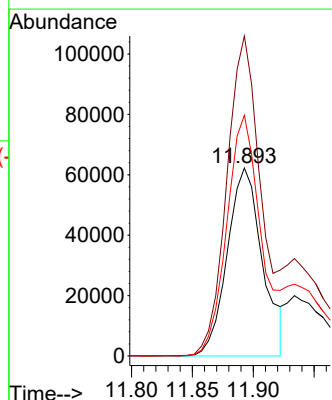
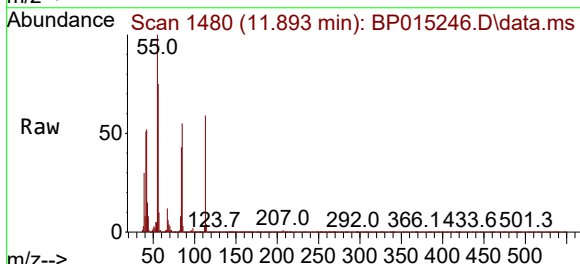
Instrument :
BNA_P
ClientSampleId :
SLCS973

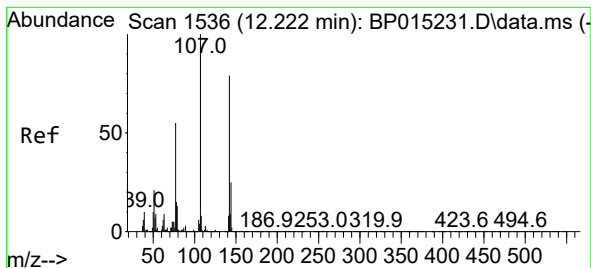
Tgt Ion:225 Resp: 326022
Ion Ratio Lower Upper
225 100
223 62.6 51.0 76.6
227 63.0 52.2 78.4



#34
Caprolactam
Concen: 20.742 ng/ul
RT: 11.893 min Scan# 1480
Delta R.T. 0.006 min
Lab File: BP015246.D
Acq: 23 May 2023 18:14

Tgt Ion:113 Resp: 124760
Ion Ratio Lower Upper
113 100
55 170.2 121.2 181.8
56 128.0 90.2 135.4

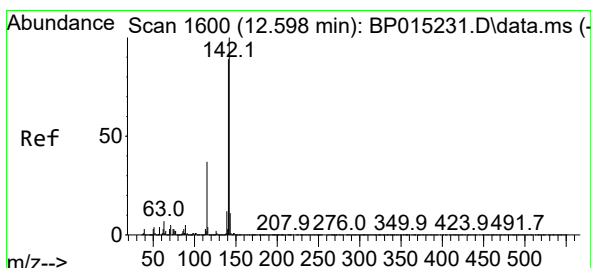
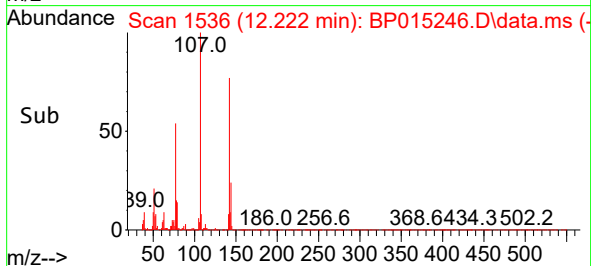
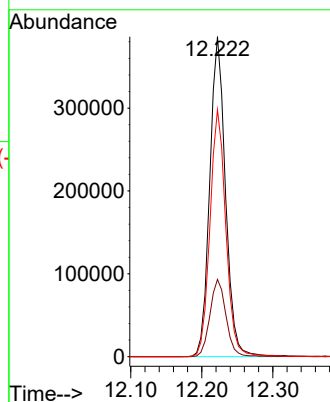
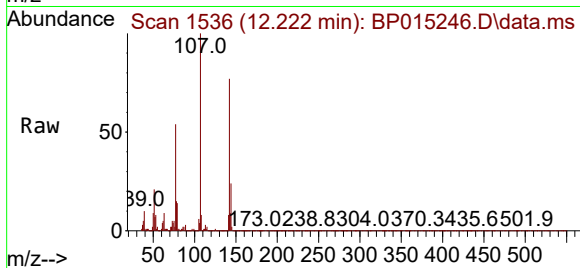




#35
4-Chloro-3-methylphenol
Concen: 33.060 ng/ul
RT: 12.222 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BP015246.D
Acq: 23 May 2023 18:14

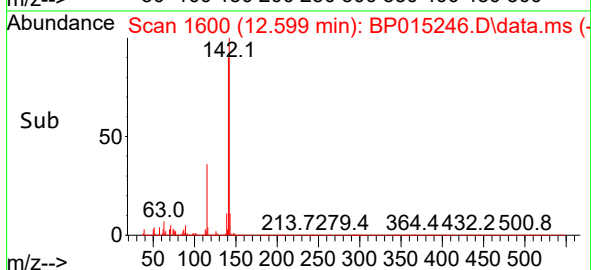
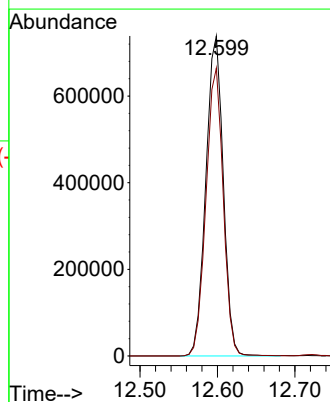
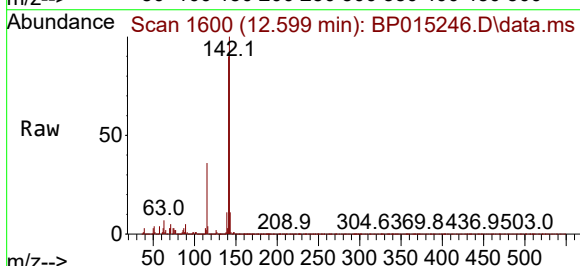
Instrument :
BNA_P
ClientSampleId :
SLCS973

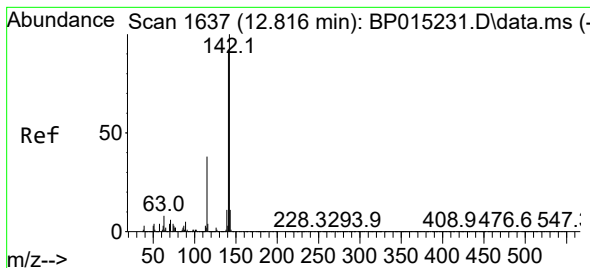
Tgt Ion:107 Resp: 595551
Ion Ratio Lower Upper
107 100
144 24.2 20.3 30.5
142 77.1 63.2 94.8



#36
2-Methylnaphthalene
Concen: 31.353 ng/ul
RT: 12.599 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BP015246.D
Acq: 23 May 2023 18:14

Tgt Ion:142 Resp: 1149743
Ion Ratio Lower Upper
142 100
141 90.0 71.0 106.6





#37

1-Methylnaphthalene

Concen: 31.936 ng/ul

RT: 12.816 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP015246.D

Acq: 23 May 2023 18:14

Instrument :

BNA_P

ClientSampleId :

SLCS973

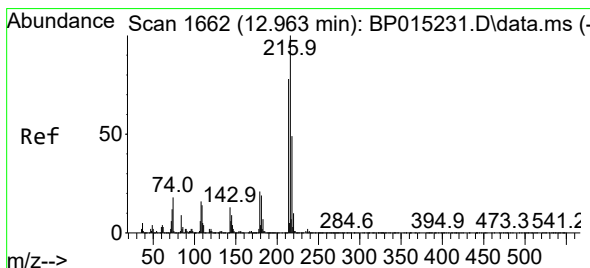
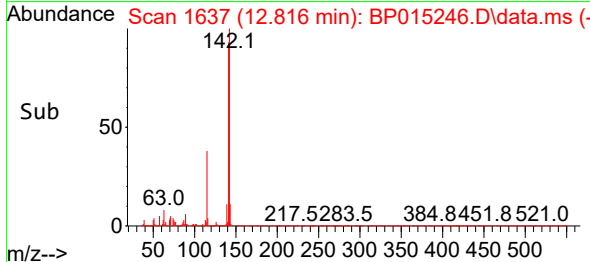
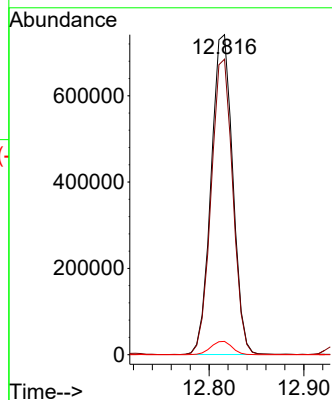
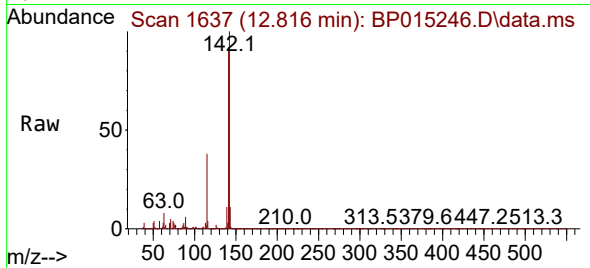
Tgt Ion:142 Resp: 1176082

Ion Ratio Lower Upper

142 100

141 92.3 74.6 112.0

116 4.1 2.9 4.3



#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.316 ng/ul

RT: 12.957 min Scan# 1661

Delta R.T. -0.006 min

Lab File: BP015246.D

Acq: 23 May 2023 18:14

Tgt Ion:216 Resp: 639992

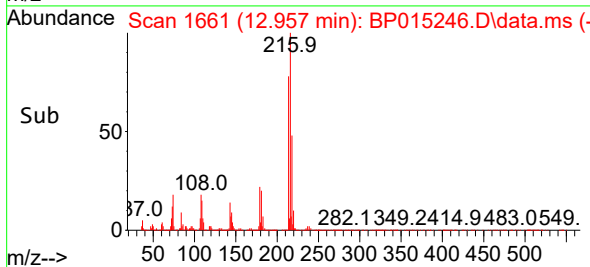
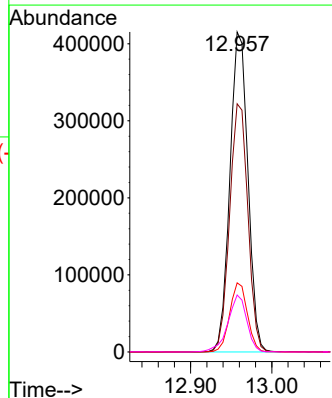
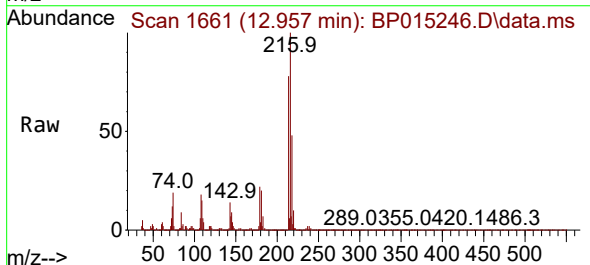
Ion Ratio Lower Upper

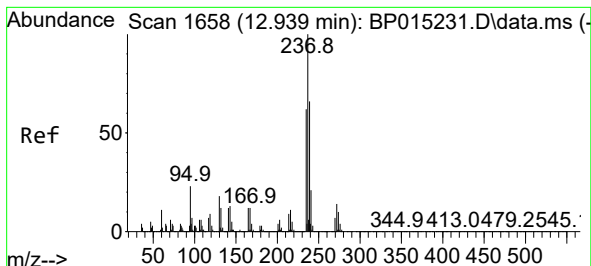
216 100

214 77.5 61.4 92.0

179 21.6 15.9 23.9

108 17.8 13.7 20.5





#40

Hexachlorocyclopentadiene

Concen: 20.065 ng/ul

RT: 12.934 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP015246.D

Acq: 23 May 2023 18:14

Instrument :

BNA_P

ClientSampleId :

SLCS973

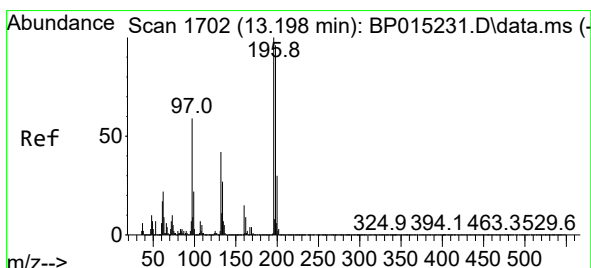
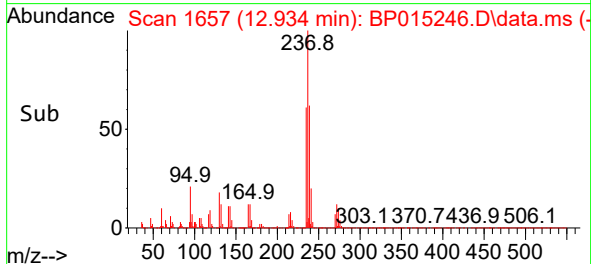
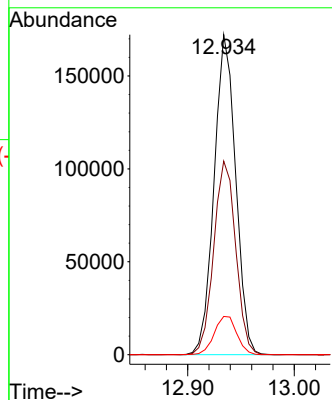
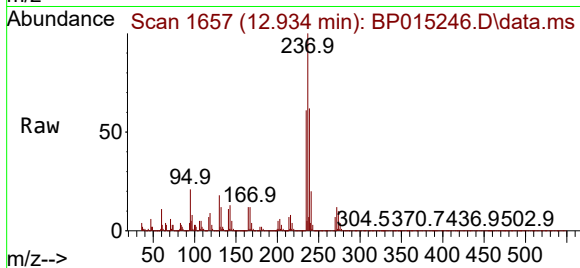
Tgt Ion:237 Resp: 242455

Ion Ratio Lower Upper

237 100

235 60.5 49.4 74.0

272 12.0 10.4 15.6



#41

2,4,6-Trichlorophenol

Concen: 32.940 ng/ul

RT: 13.199 min Scan# 1702

Delta R.T. 0.000 min

Lab File: BP015246.D

Acq: 23 May 2023 18:14

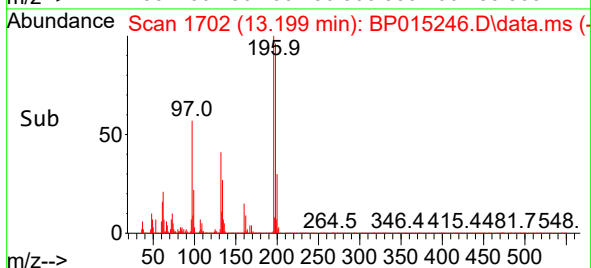
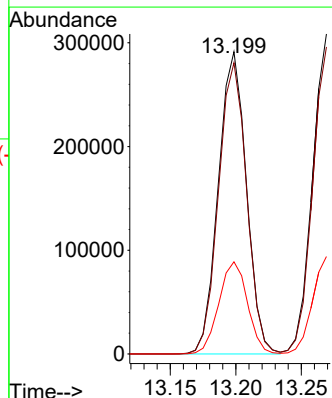
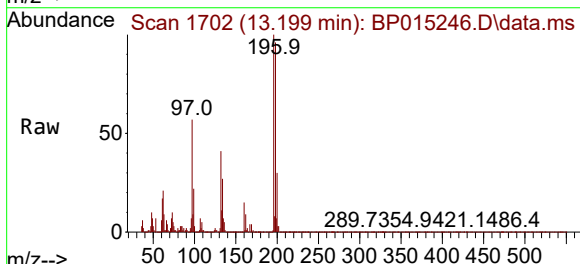
Tgt Ion:196 Resp: 433793

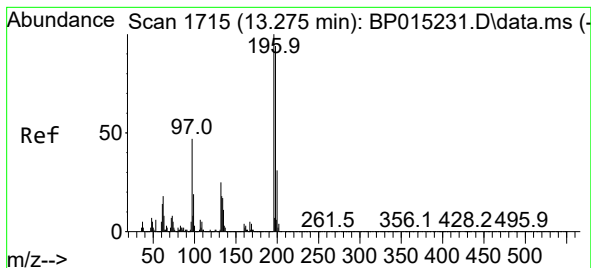
Ion Ratio Lower Upper

196 100

198 96.4 75.5 113.3

200 30.5 23.6 35.4





#42

2,4,5-Trichlorophenol

Concen: 33.699 ng/ul

RT: 13.269 min Scan# 1715

Delta R.T. 0.000 min

Lab File: BP015246.D

Acq: 23 May 2023 18:14

Instrument :

BNA_P

ClientSampleId :

SLCS973

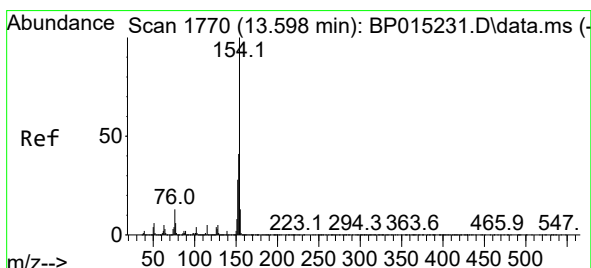
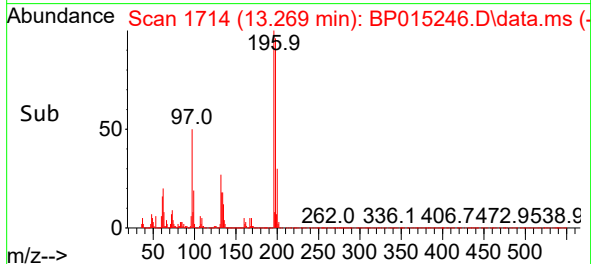
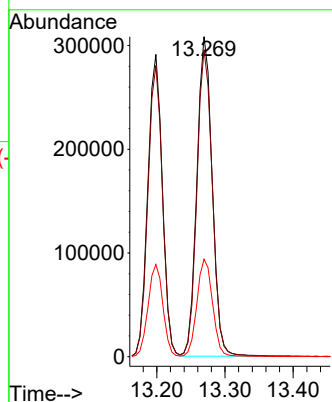
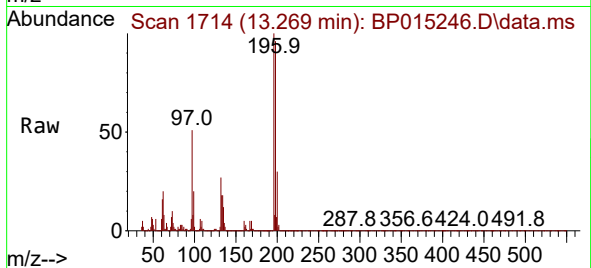
Tgt Ion:196 Resp: 481180

Ion Ratio Lower Upper

196 100

198 96.0 77.0 115.4

200 30.5 24.3 36.5



#43

1,1'-Biphenyl

Concen: 32.372 ng/ul

RT: 13.593 min Scan# 1769

Delta R.T. -0.006 min

Lab File: BP015246.D

Acq: 23 May 2023 18:14

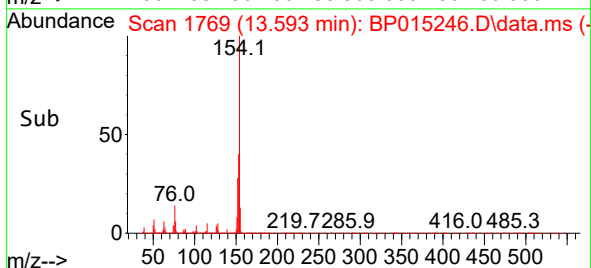
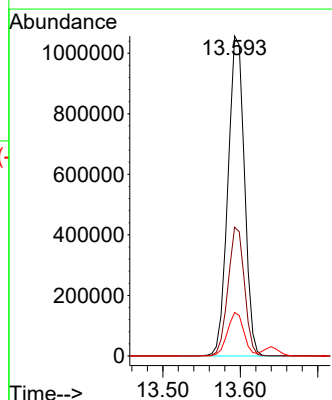
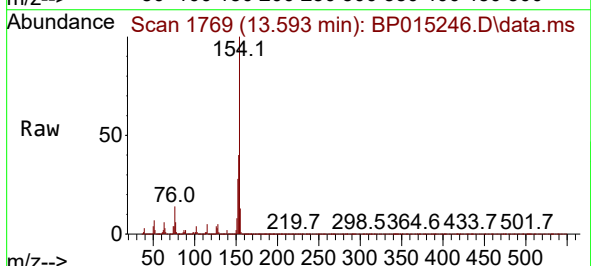
Tgt Ion:154 Resp: 1566199

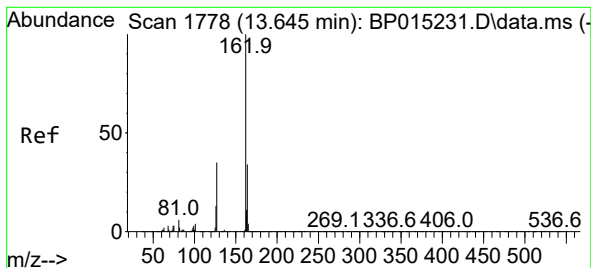
Ion Ratio Lower Upper

154 100

153 40.3 32.7 49.1

76 13.6 10.7 16.1





#44

2-Chloronaphthalene

Concen: 32.753 ng/ul

RT: 13.640 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP015246.D

Acq: 23 May 2023 18:14

Instrument :

BNA_P

ClientSampleId :

SLCS973

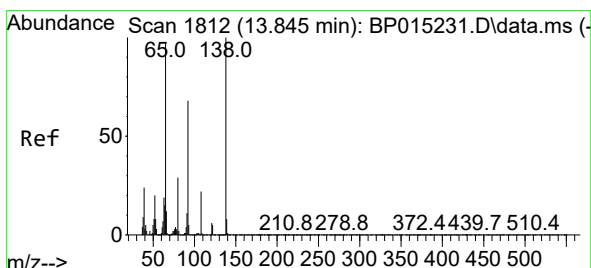
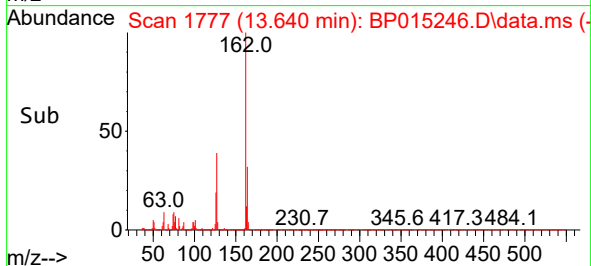
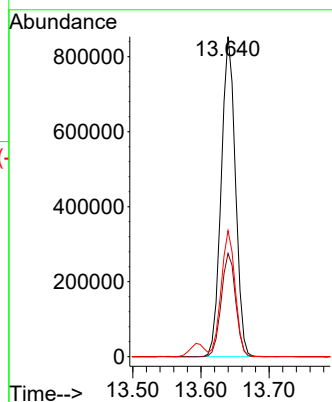
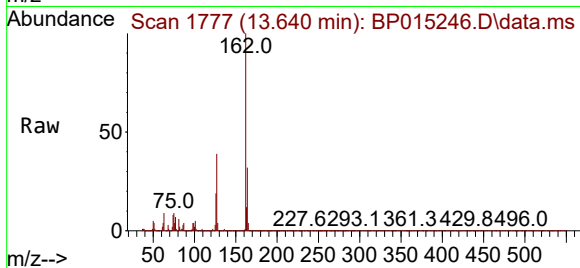
Tgt Ion:162 Resp: 1237513

Ion Ratio Lower Upper

162 100

164 32.3 25.9 38.9

127 39.4 30.8 46.2



#45

2-Nitroaniline

Concen: 35.583 ng/ul

RT: 13.846 min Scan# 1812

Delta R.T. 0.000 min

Lab File: BP015246.D

Acq: 23 May 2023 18:14

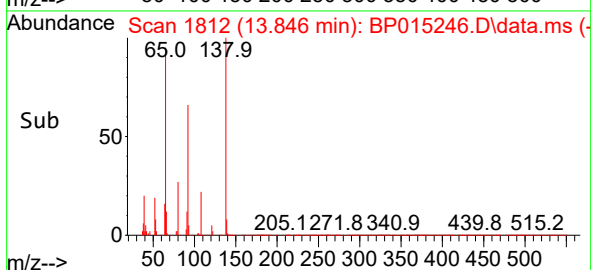
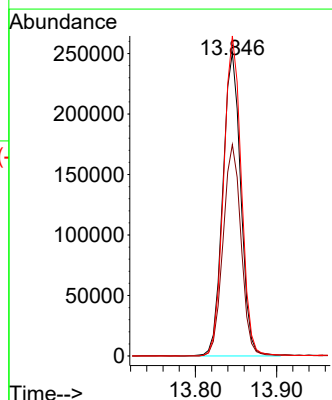
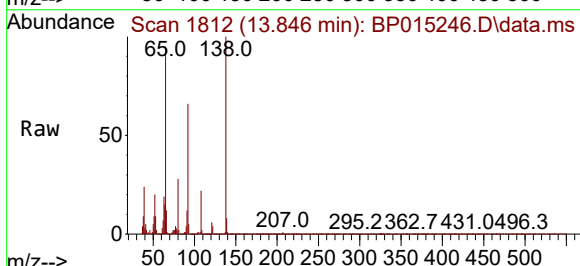
Tgt Ion: 65 Resp: 384683

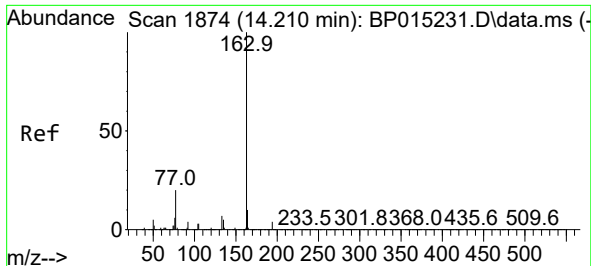
Ion Ratio Lower Upper

65 100

92 69.7 59.8 89.8

138 105.4 92.3 138.5

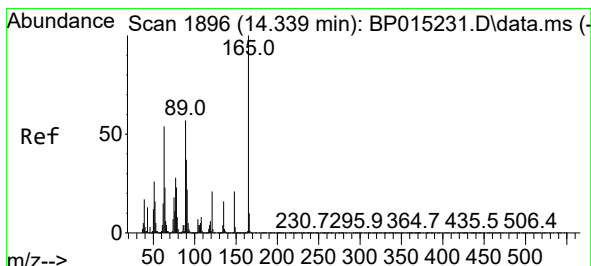
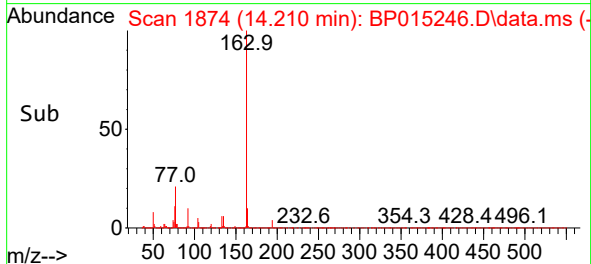
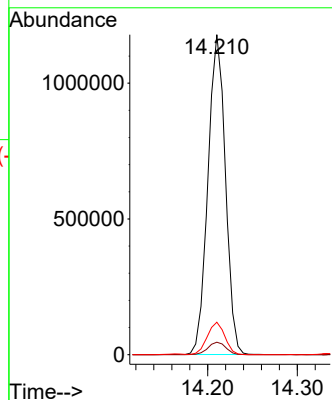
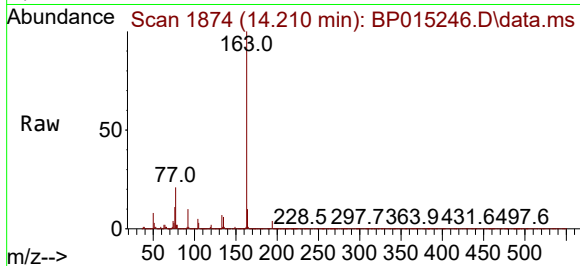




#47
Dimethylphthalate
Concen: 32.509 ng/ul
RT: 14.210 min Scan# 1874
Delta R.T. 0.000 min
Lab File: BP015246.D
Acq: 23 May 2023 18:14

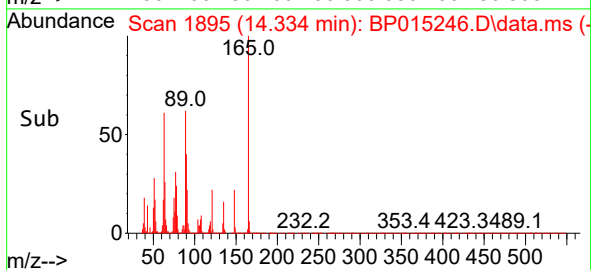
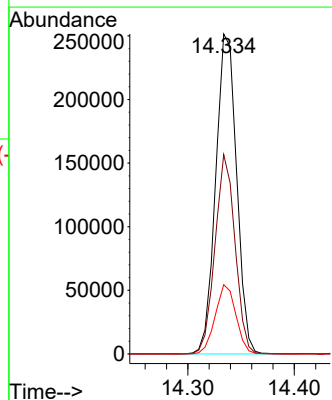
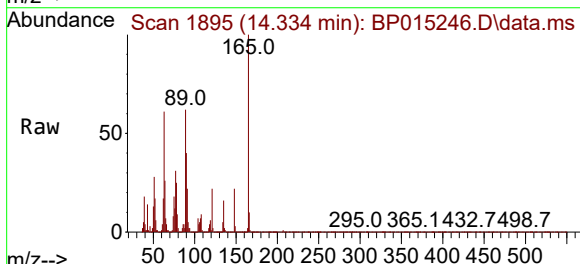
Instrument :
BNA_P
ClientSampleId :
SLCS973

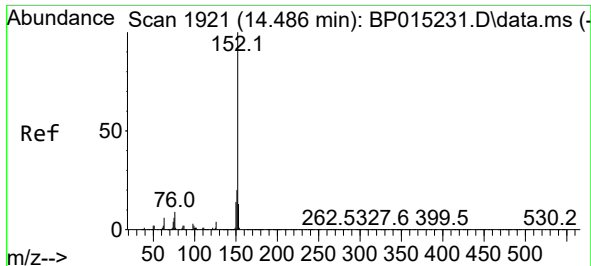
Tgt Ion:163 Resp: 1595328
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.1 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 35.219 ng/ul
RT: 14.334 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BP015246.D
Acq: 23 May 2023 18:14

Tgt Ion:165 Resp: 342410
Ion Ratio Lower Upper
165 100
89 62.3 48.0 72.0
121 21.7 17.5 26.3

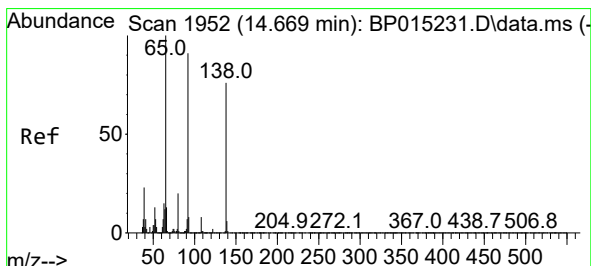
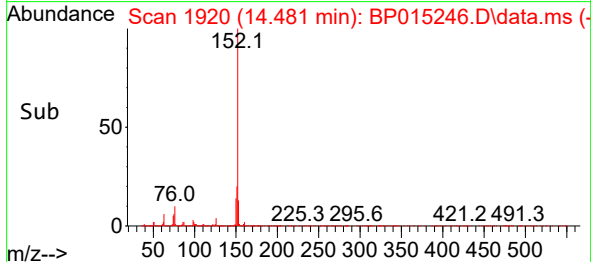
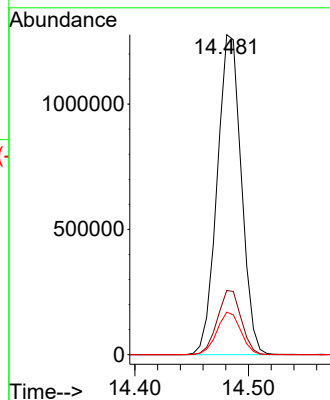
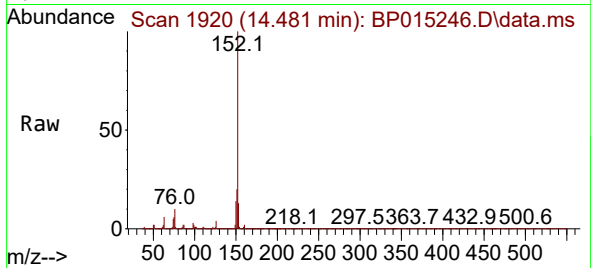




#50
Acenaphthylene
Concen: 31.382 ng/ul
RT: 14.481 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BP015246.D
Acq: 23 May 2023 18:14

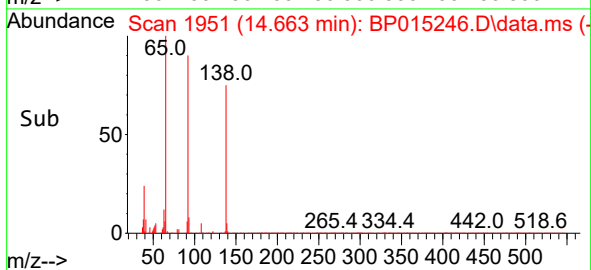
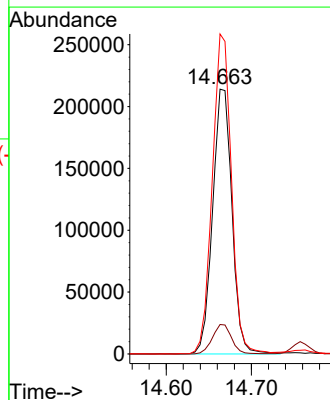
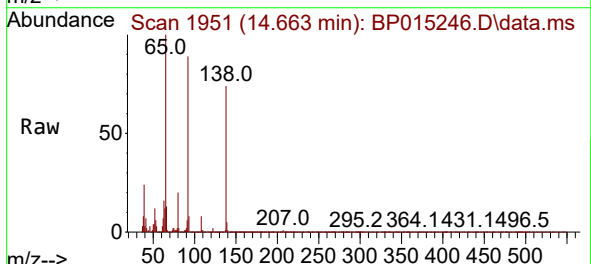
Instrument :
BNA_P
ClientSampleId :
SLCS973

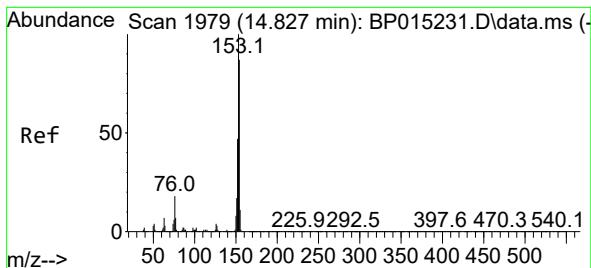
Tgt Ion:152 Resp: 1887065
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.3 10.3 15.5



#51
3-Nitroaniline
Concen: 38.516 ng/ul
RT: 14.663 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BP015246.D
Acq: 23 May 2023 18:14

Tgt Ion:138 Resp: 337192
Ion Ratio Lower Upper
138 100
108 11.1 8.8 13.2
92 120.8 93.4 140.0





#52

Acenaphthene

Concen: 31.728 ng/ul

RT: 14.822 min Scan# 1979

Delta R.T. 0.000 min

Lab File: BP015246.D

Acq: 23 May 2023 18:14

Instrument :

BNA_P

ClientSampleId :

SLCS973

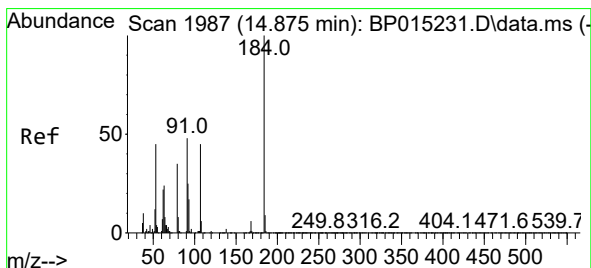
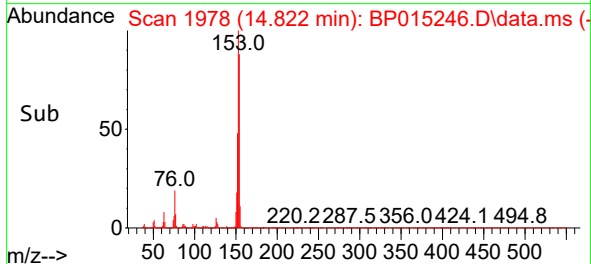
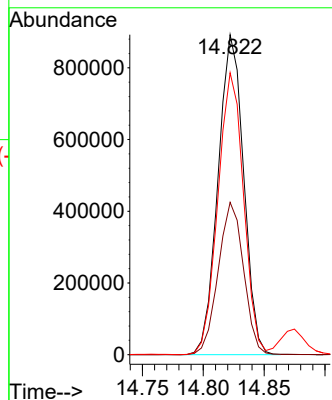
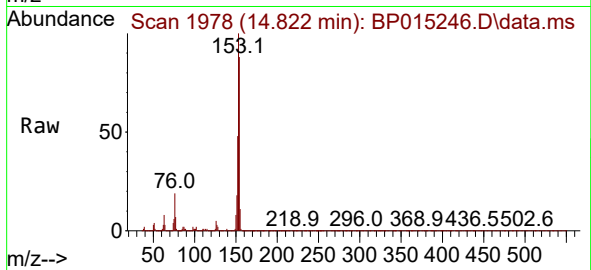
Tgt Ion:153 Resp: 1303059

Ion Ratio Lower Upper

153 100

152 47.6 38.0 57.0

154 88.1 71.0 106.4



#53

2,4-Dinitrophenol

Concen: 24.816 ng/ul

RT: 14.875 min Scan# 1987

Delta R.T. 0.000 min

Lab File: BP015246.D

Acq: 23 May 2023 18:14

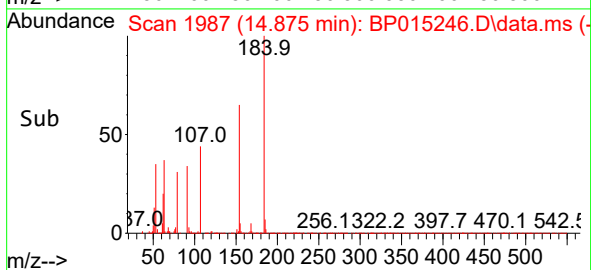
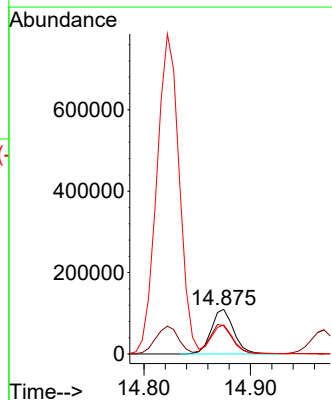
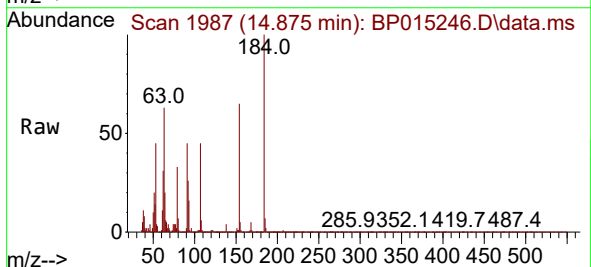
Tgt Ion:184 Resp: 160191

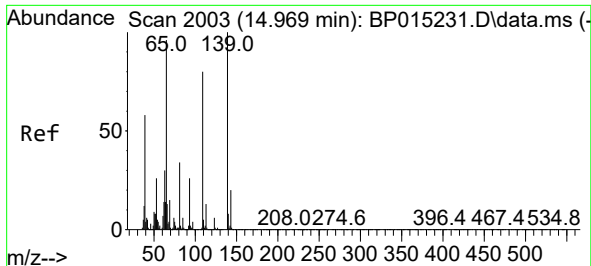
Ion Ratio Lower Upper

184 100

63 63.2 49.7 74.5

154 65.2 47.5 71.3

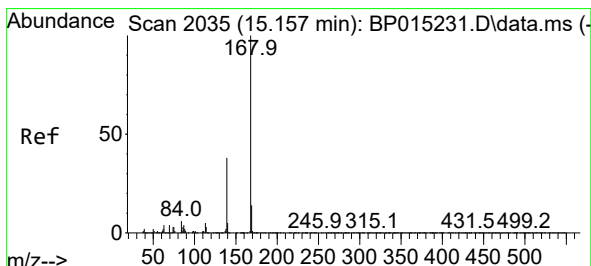
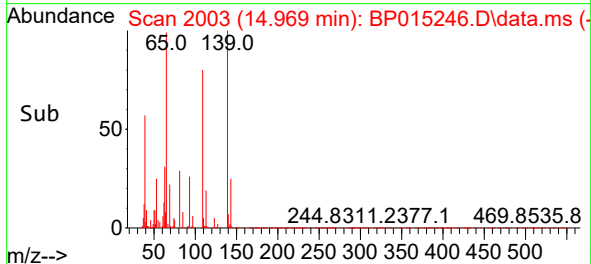
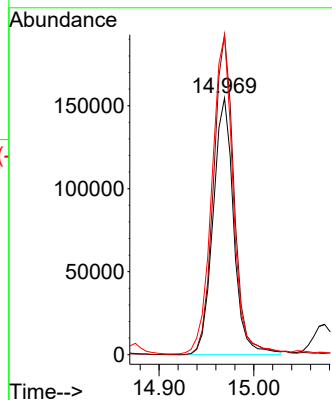
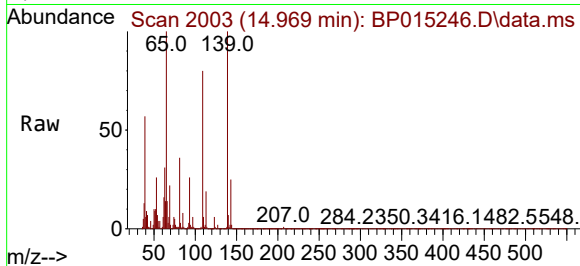




#55
4-Nitrophenol
Concen: 34.633 ng/ul
RT: 14.969 min Scan# 2003
Delta R.T. 0.006 min
Lab File: BP015246.D
Acq: 23 May 2023 18:14

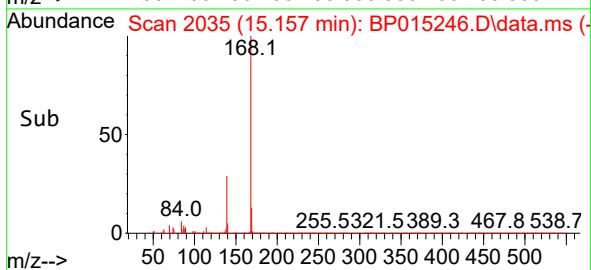
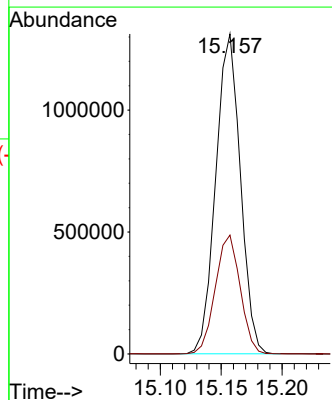
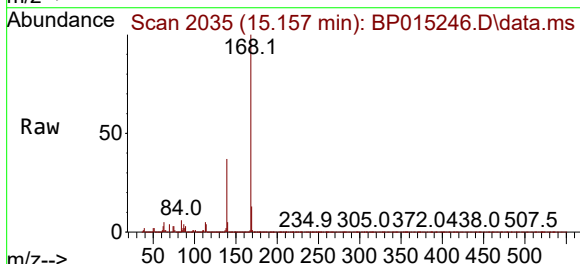
Instrument :
BNA_P
ClientSampleId :
SLCS973

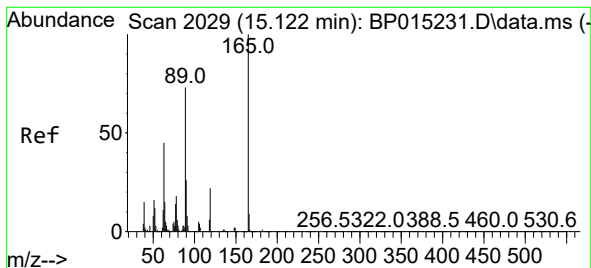
Tgt Ion:109 Resp: 233075
Ion Ratio Lower Upper
109 100
139 124.7 115.3 172.9
65 124.4 107.9 161.9



#56
Dibenzofuran
Concen: 32.316 ng/ul
RT: 15.157 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BP015246.D
Acq: 23 May 2023 18:14

Tgt Ion:168 Resp: 1846043
Ion Ratio Lower Upper
168 100
139 37.2 29.4 44.0

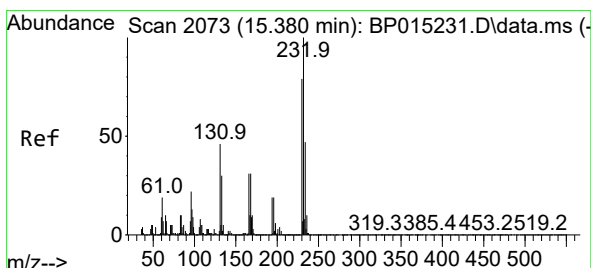
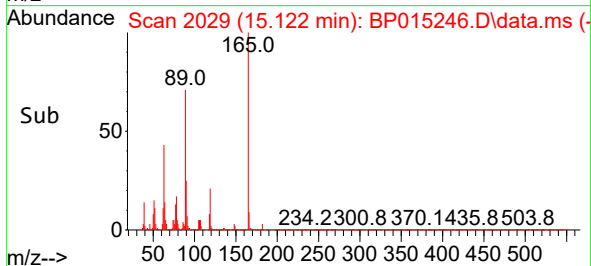
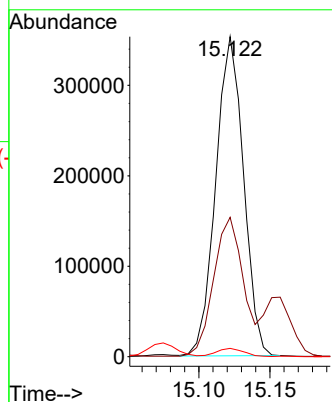
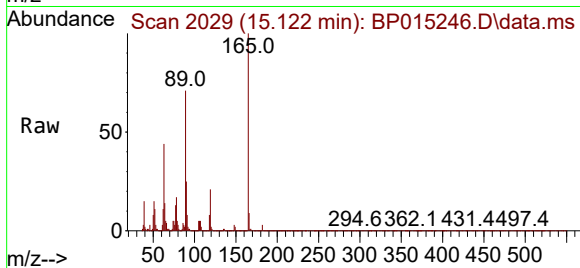




#57
2,4-Dinitrotoluene
Concen: 34.117 ng/ul
RT: 15.122 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BP015246.D
Acq: 23 May 2023 18:14

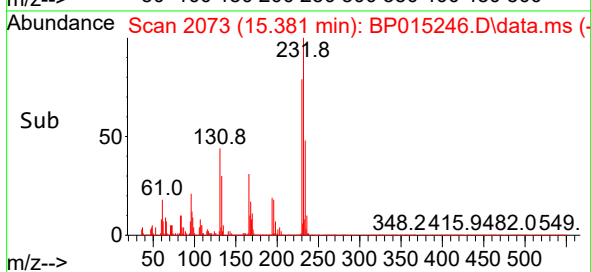
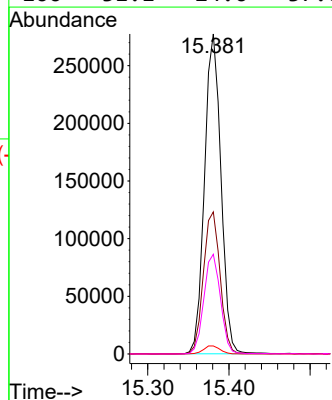
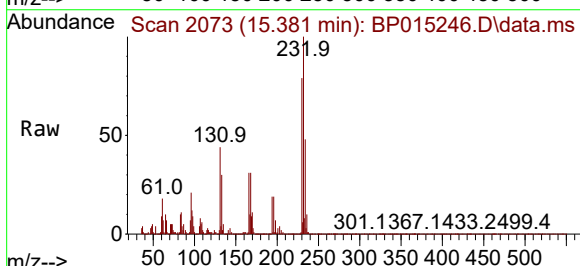
Instrument :
BNA_P
ClientSampleId :
SLCS973

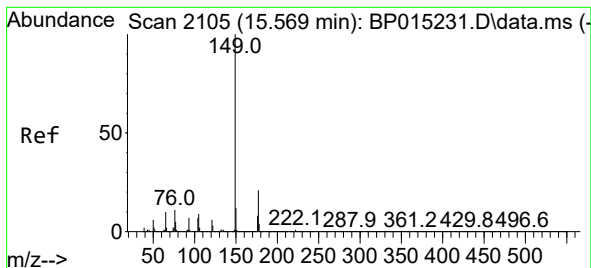
Tgt Ion:165 Resp: 479970
Ion Ratio Lower Upper
165 100
63 43.6 33.1 49.7
182 2.6 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 32.367 ng/ul
RT: 15.381 min Scan# 2073
Delta R.T. -0.000 min
Lab File: BP015246.D
Acq: 23 May 2023 18:14

Tgt Ion:232 Resp: 390052
Ion Ratio Lower Upper
232 100
131 44.4 36.8 55.2
130 2.5 1.9 2.9
166 31.1 24.6 37.0





#59

Diethylphthalate

Concen: 32.869 ng/ul

RT: 15.569 min Scan# 2105

Delta R.T. 0.000 min

Lab File: BP015246.D

Acq: 23 May 2023 18:14

Instrument :

BNA_P

ClientSampleId :

SLCS973

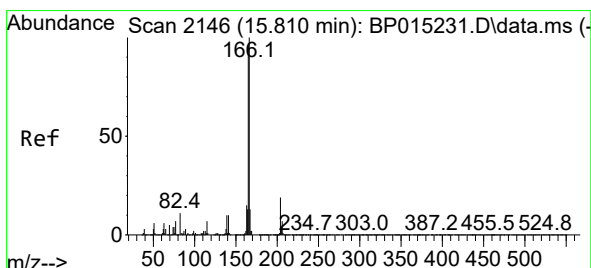
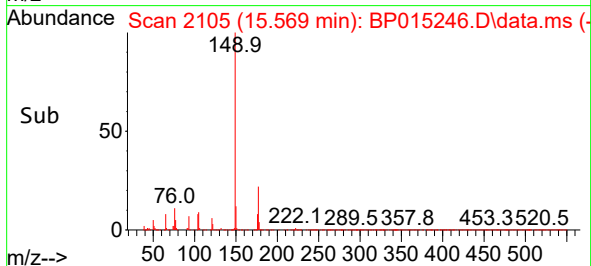
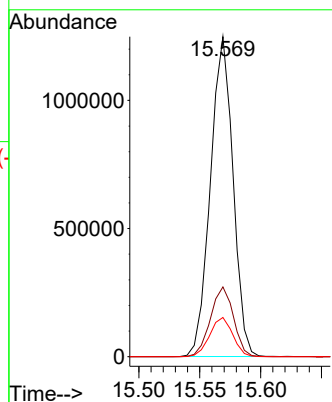
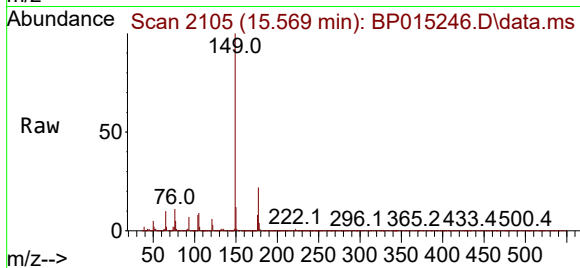
Tgt Ion:149 Resp: 1608809

Ion Ratio Lower Upper

149 100

177 21.8 17.5 26.3

150 12.3 9.8 14.8



#61

Fluorene

Concen: 31.739 ng/ul

RT: 15.804 min Scan# 2145

Delta R.T. 0.000 min

Lab File: BP015246.D

Acq: 23 May 2023 18:14

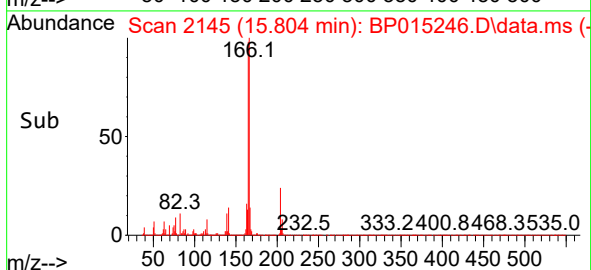
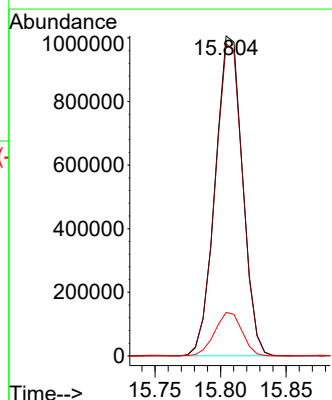
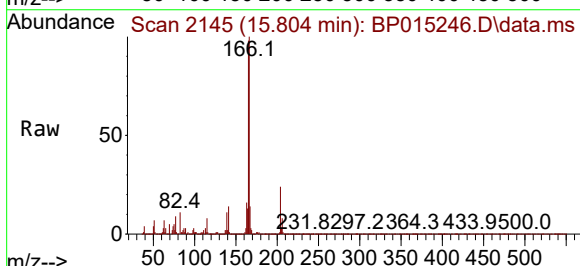
Tgt Ion:166 Resp: 1457037

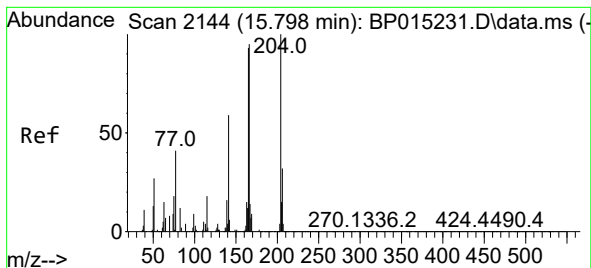
Ion Ratio Lower Upper

166 100

165 97.6 77.8 116.6

167 13.6 10.6 15.8

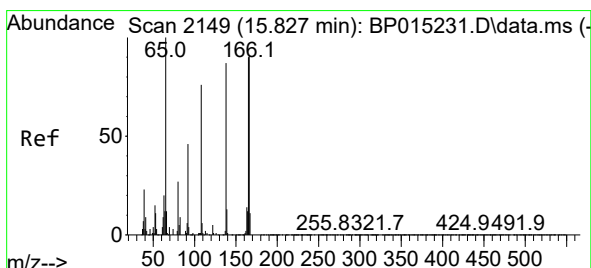
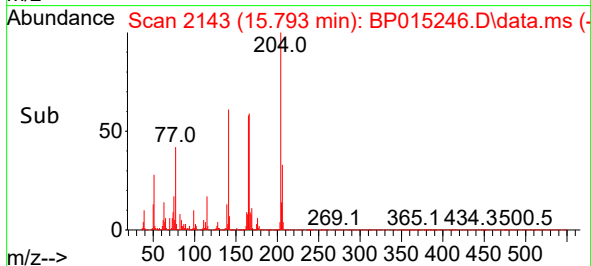
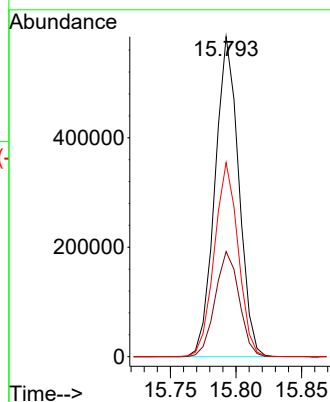
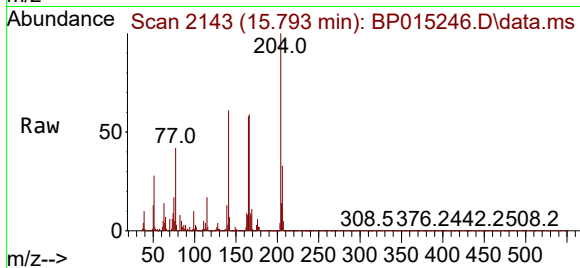




#62
4-Chlorophenyl-phenylether
Concen: 32.800 ng/ul
RT: 15.793 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BP015246.D
Acq: 23 May 2023 18:14

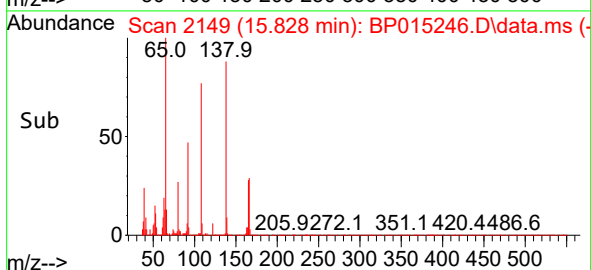
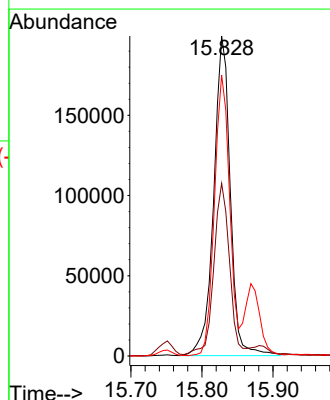
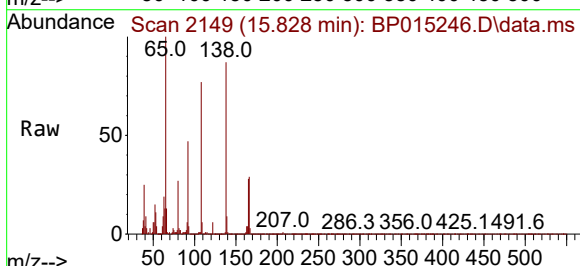
Instrument :
BNA_P
ClientSampleId :
SLCS973

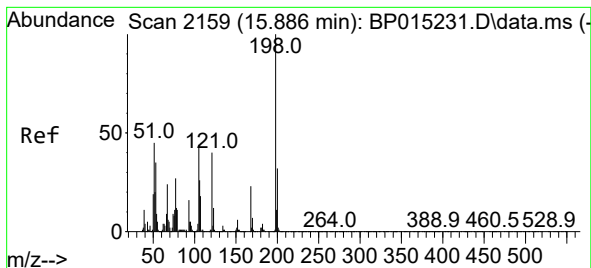
Tgt Ion:204 Resp: 735704
Ion Ratio Lower Upper
204 100
206 32.9 26.1 39.1
141 60.6 44.5 66.7



#63
4-Nitroaniline
Concen: 42.722 ng/ul
RT: 15.828 min Scan# 2149
Delta R.T. -0.000 min
Lab File: BP015246.D
Acq: 23 May 2023 18:14

Tgt Ion:138 Resp: 322975
Ion Ratio Lower Upper
138 100
92 53.9 41.2 61.8
108 87.8 60.1 90.1

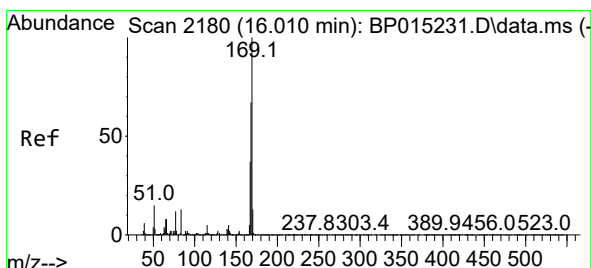
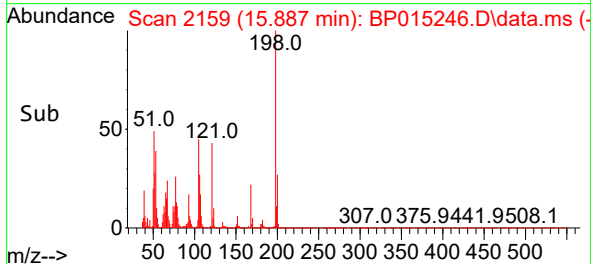
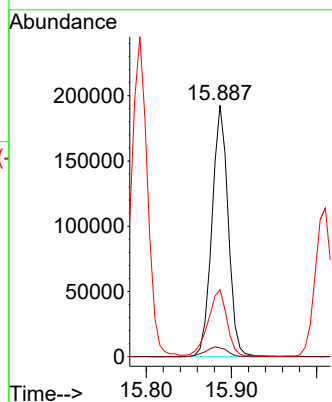
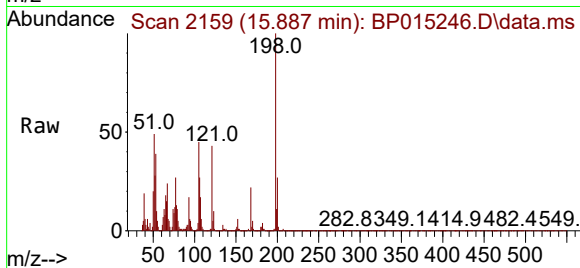




#66
4,6-Dinitro-2-methylphenol
Concen: 28.840 ng/ul
RT: 15.887 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BP015246.D
Acq: 23 May 2023 18:14

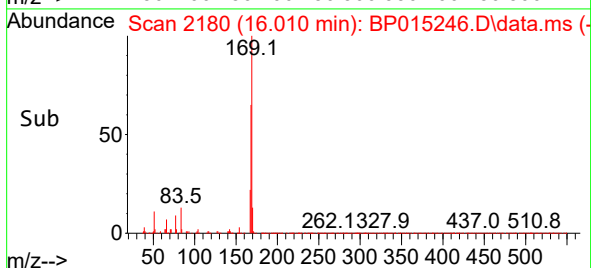
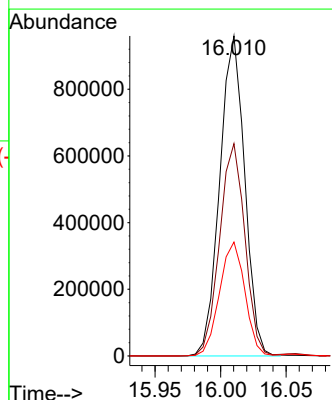
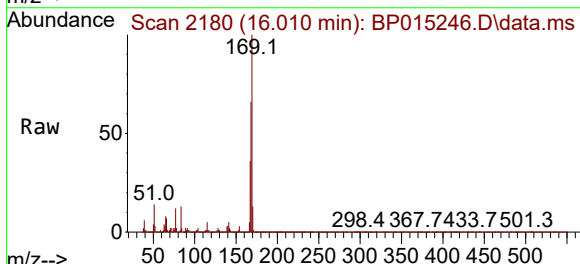
Instrument :
BNA_P
ClientSampleId :
SLCS973

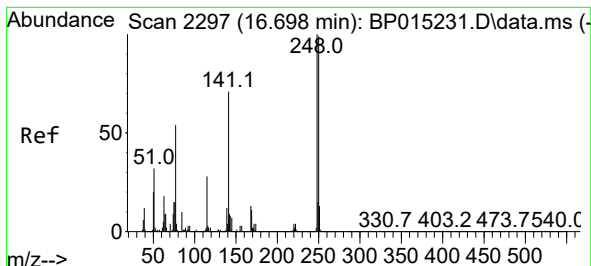
Tgt Ion:198 Resp: 253956
Ion Ratio Lower Upper
198 100
182 3.5 3.7 5.5#
77 26.6 21.2 31.8



#67
N-Nitrosodiphenylamine
Concen: 31.892 ng/ul
RT: 16.010 min Scan# 2180
Delta R.T. 0.000 min
Lab File: BP015246.D
Acq: 23 May 2023 18:14

Tgt Ion:169 Resp: 1269599
Ion Ratio Lower Upper
169 100
168 66.4 53.5 80.3
167 35.6 28.9 43.3

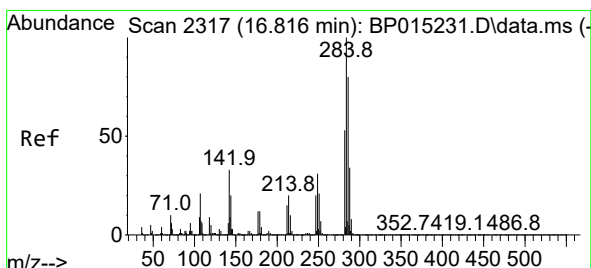
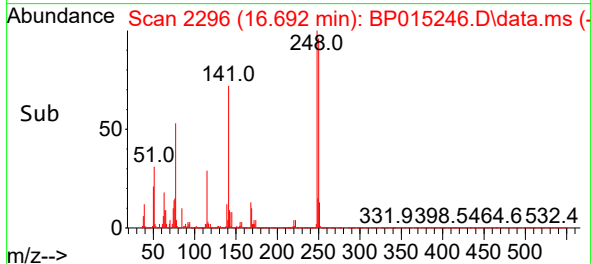
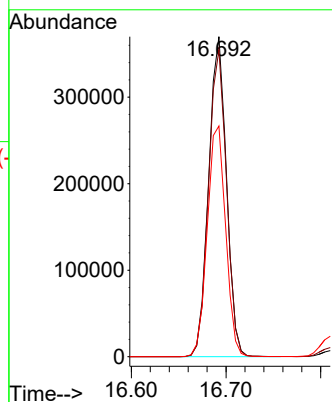
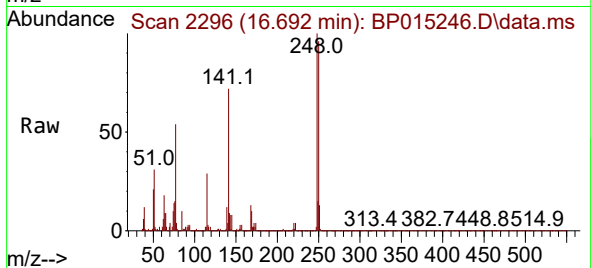




#68
4-Bromophenyl-phenylether
Concen: 34.647 ng/ul
RT: 16.692 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP015246.D
Acq: 23 May 2023 18:14

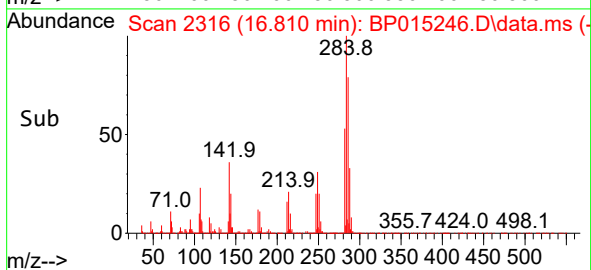
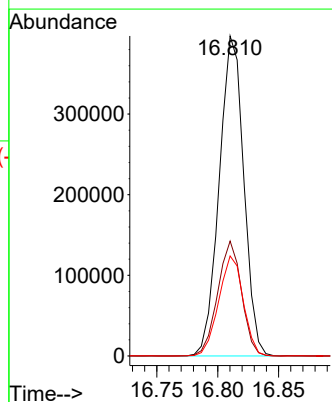
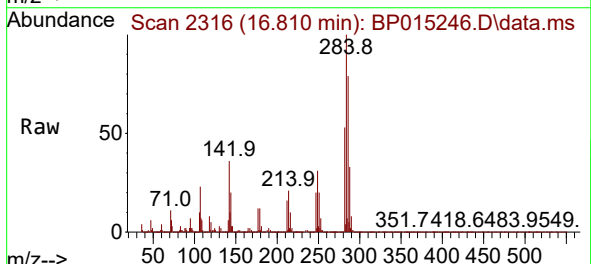
Instrument :
BNA_P
ClientSampleId :
SLCS973

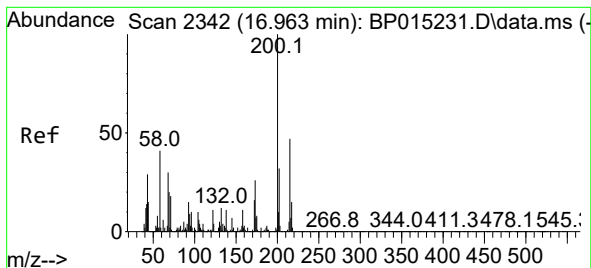
Tgt Ion:248 Resp: 483161
Ion Ratio Lower Upper
248 100
250 95.9 79.0 118.4
141 72.1 58.6 87.8



#69
Hexachlorobenzene
Concen: 33.793 ng/ul
RT: 16.810 min Scan# 2316
Delta R.T. -0.006 min
Lab File: BP015246.D
Acq: 23 May 2023 18:14

Tgt Ion:284 Resp: 556894
Ion Ratio Lower Upper
284 100
142 35.9 27.3 40.9
249 31.3 24.6 36.8





#70

Atrazine

Concen: 24.761 ng/ul

RT: 16.957 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015246.D

Acq: 23 May 2023 18:14

Instrument :

BNA_P

ClientSampleId :

SLCS973

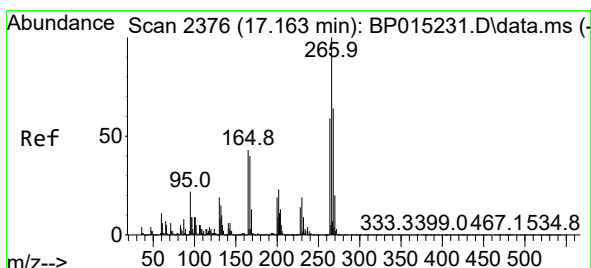
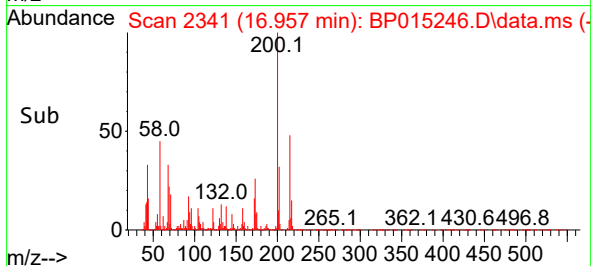
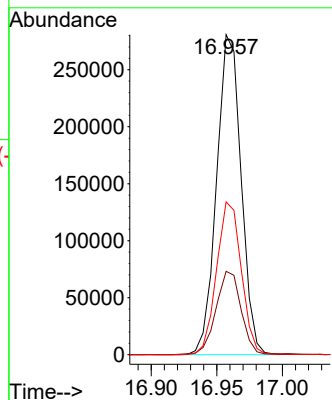
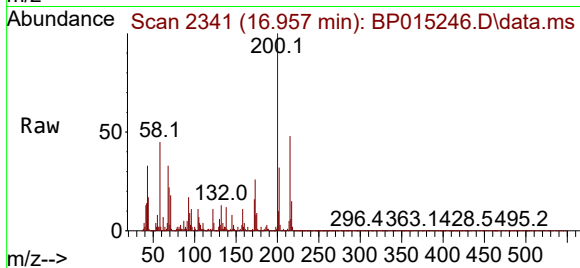
Tgt Ion:200 Resp: 364338

Ion Ratio Lower Upper

200 100

173 26.1 21.4 32.2

215 47.7 38.1 57.1



#71

Pentachlorophenol

Concen: 28.747 ng/ul

RT: 17.157 min Scan# 2375

Delta R.T. 0.000 min

Lab File: BP015246.D

Acq: 23 May 2023 18:14

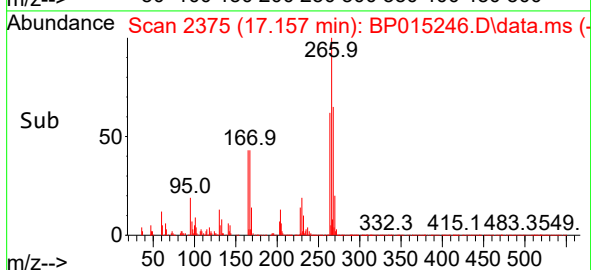
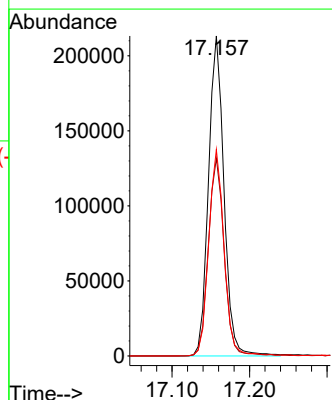
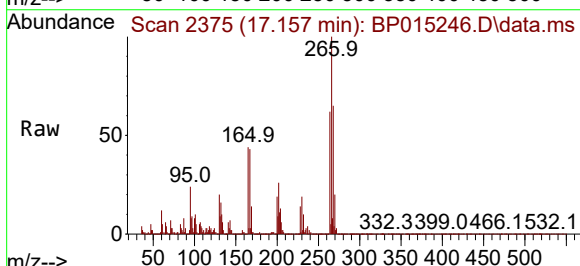
Tgt Ion:266 Resp: 296338

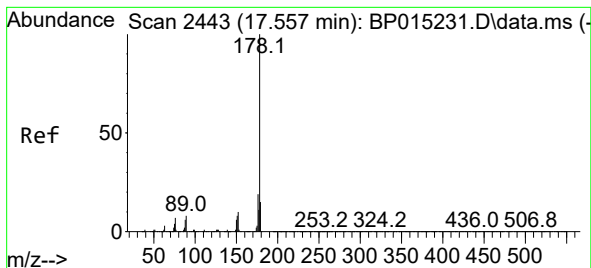
Ion Ratio Lower Upper

266 100

264 61.8 51.0 76.4

268 64.5 51.8 77.6





#72

Phenanthrene

Concen: 31.960 ng/ul

RT: 17.557 min Scan# 2443

Delta R.T. 0.006 min

Lab File: BP015246.D

Acq: 23 May 2023 18:14

Instrument :

BNA_P

ClientSampleId :

SLCS973

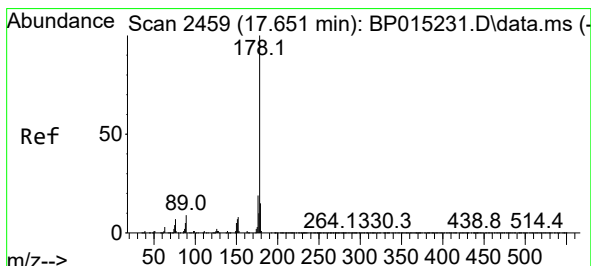
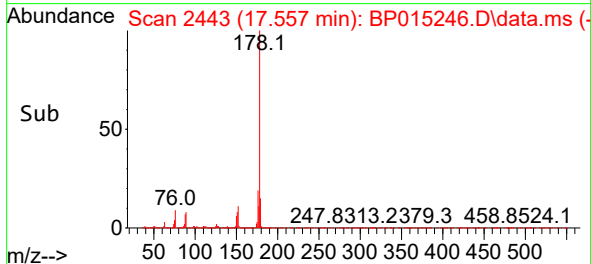
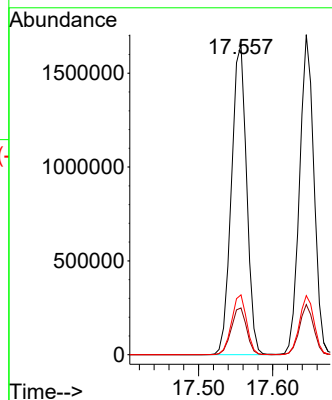
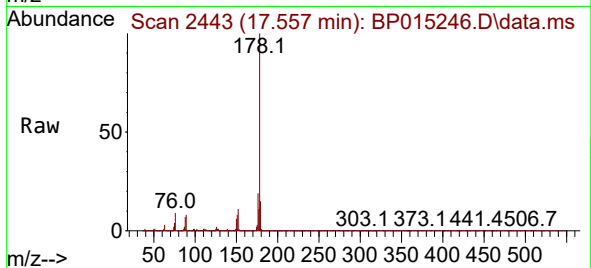
Tgt Ion:178 Resp: 2356230

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.2

176 19.3 15.6 23.4



#74

Anthracene

Concen: 30.691 ng/ul

RT: 17.645 min Scan# 2458

Delta R.T. 0.000 min

Lab File: BP015246.D

Acq: 23 May 2023 18:14

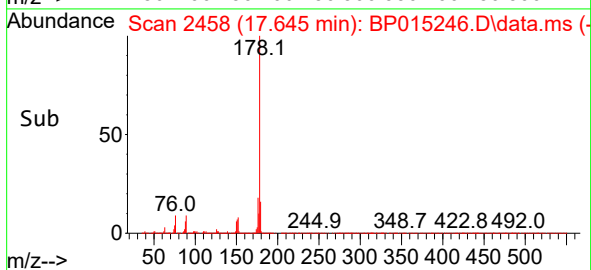
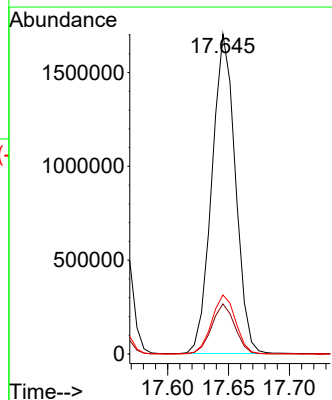
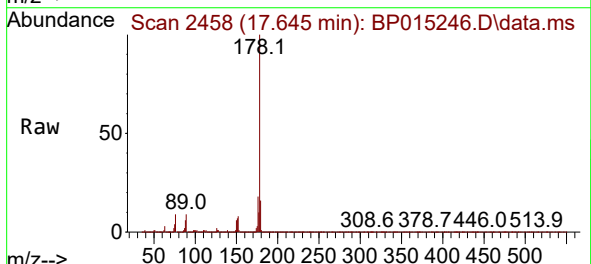
Tgt Ion:178 Resp: 2288072

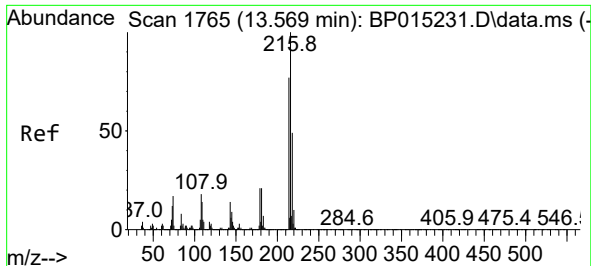
Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.2

176 18.5 15.2 22.8

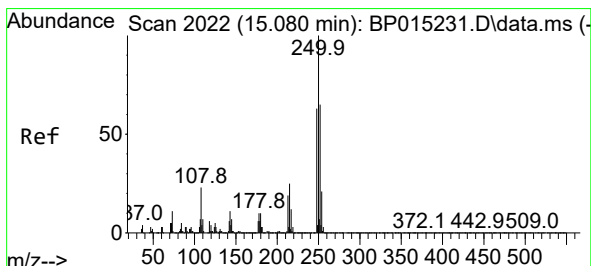
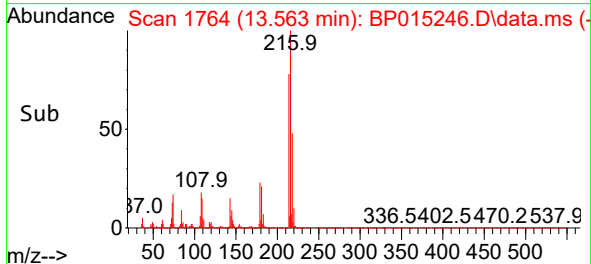
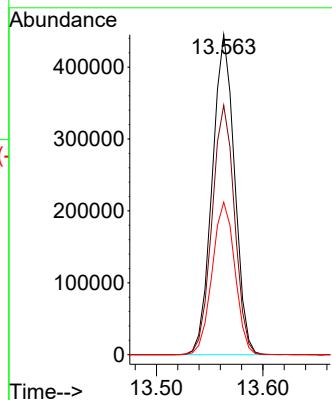
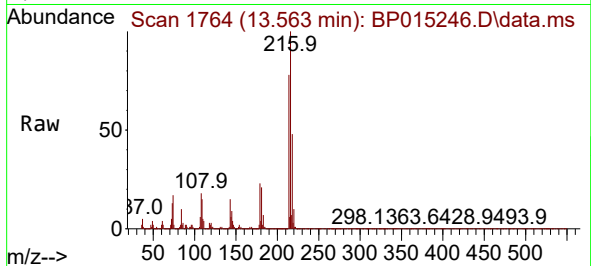




#75
1,2,3,4-Tetrachlorobenzene
Concen: 33.771 ng/uL
RT: 13.563 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP015246.D
Acq: 23 May 2023 18:14

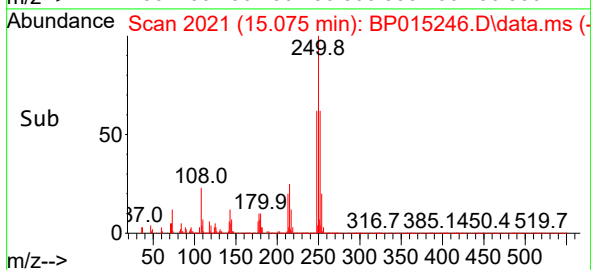
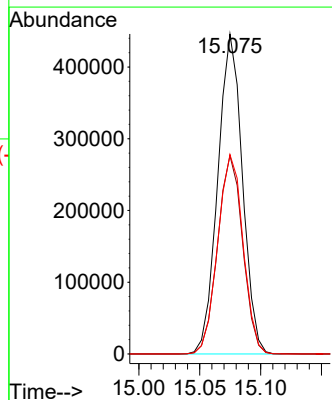
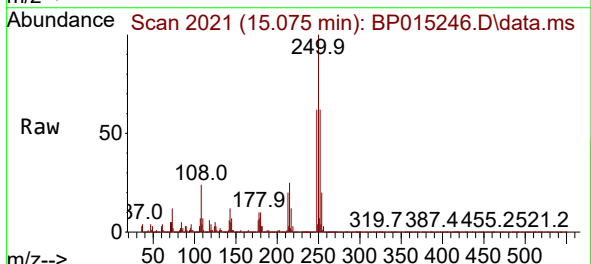
Instrument :
BNA_P
ClientSampleId :
SLCS973

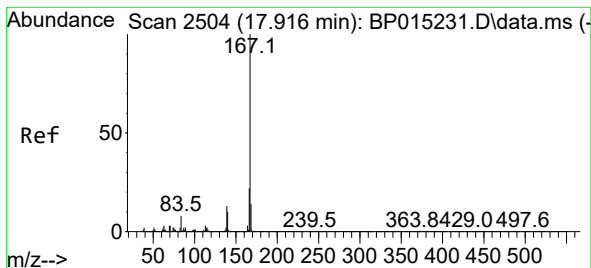
Tgt Ion:216 Resp: 648277
Ion Ratio Lower Upper
216 100
214 77.9 62.2 93.4
218 47.7 38.2 57.2



#76
Pentachlorobenzene
Concen: 32.593 ng/uL
RT: 15.075 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BP015246.D
Acq: 23 May 2023 18:14

Tgt Ion:250 Resp: 628211
Ion Ratio Lower Upper
250 100
248 62.0 49.8 74.6
252 62.3 51.6 77.4





#77

Carbazole

Concen: 31.759 ng/ul

RT: 17.910 min Scan# 2503

Delta R.T. 0.000 min

Lab File: BP015246.D

Acq: 23 May 2023 18:14

Instrument :

BNA_P

ClientSampleId :

SLCS973

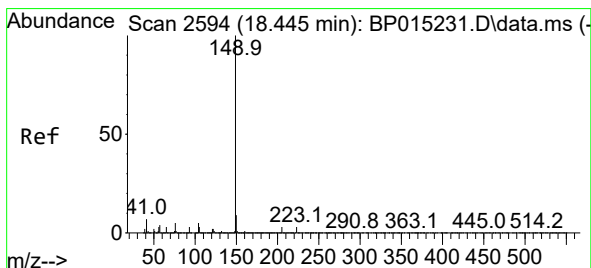
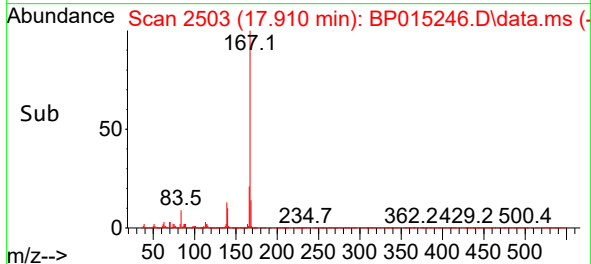
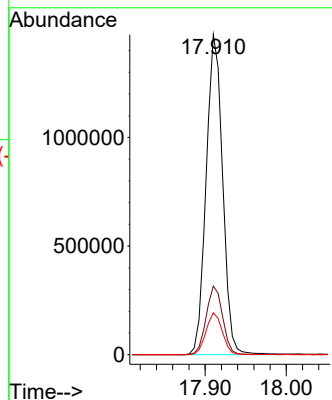
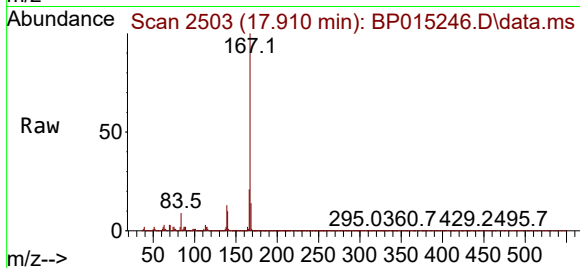
Tgt Ion:167 Resp: 2076183

Ion Ratio Lower Upper

167 100

166 21.4 17.4 26.2

139 13.1 10.2 15.4



#78

Di-n-butylphthalate

Concen: 32.877 ng/ul

RT: 18.439 min Scan# 2593

Delta R.T. 0.000 min

Lab File: BP015246.D

Acq: 23 May 2023 18:14

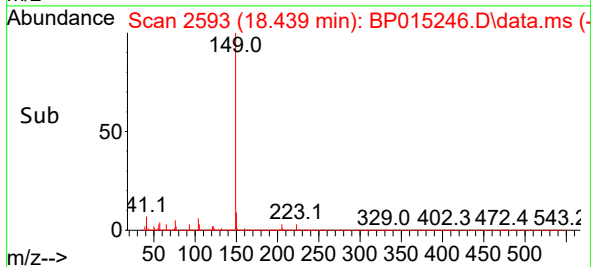
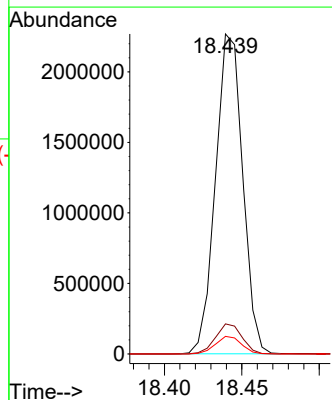
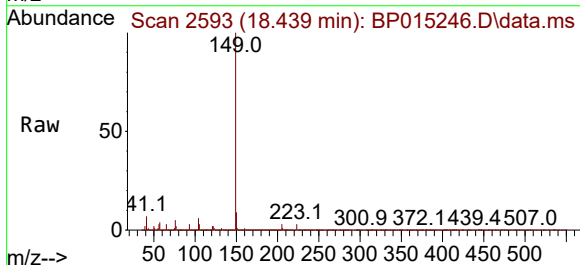
Tgt Ion:149 Resp: 2767747

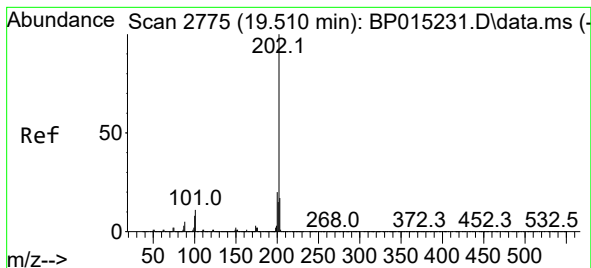
Ion Ratio Lower Upper

149 100

150 9.4 7.3 10.9

104 5.5 3.9 5.9





#80

Fluoranthene

Concen: 38.729 ng/ul

RT: 19.504 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015246.D

Acq: 23 May 2023 18:14

Instrument :

BNA_P

ClientSampleId :

SLCS973

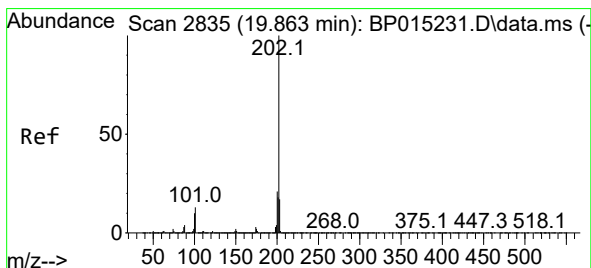
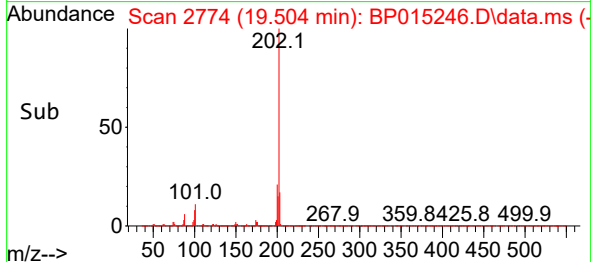
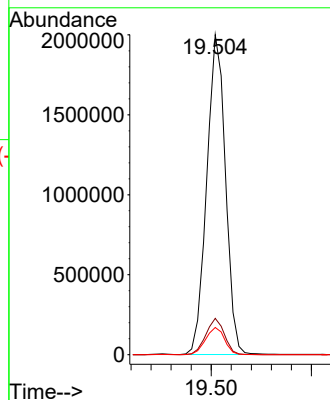
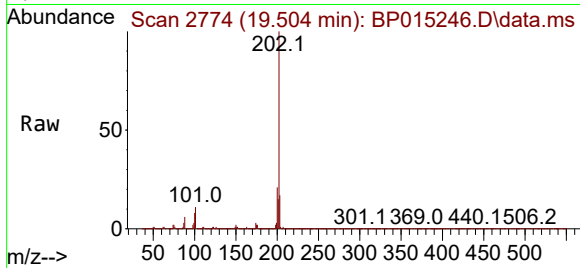
Tgt Ion:202 Resp: 2607957

Ion Ratio Lower Upper

202 100

101 11.3 9.5 14.3

100 8.5 7.3 10.9



#82

Pyrene

Concen: 37.336 ng/ul

RT: 19.857 min Scan# 2834

Delta R.T. -0.000 min

Lab File: BP015246.D

Acq: 23 May 2023 18:14

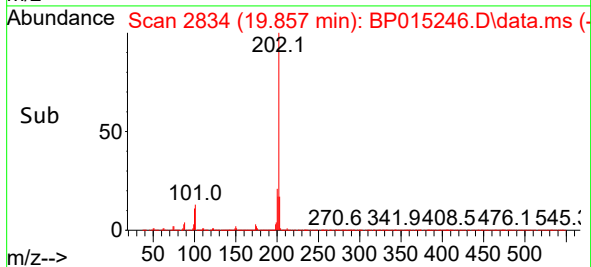
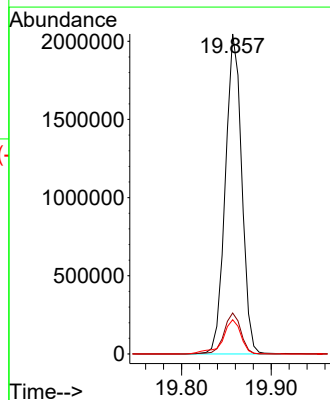
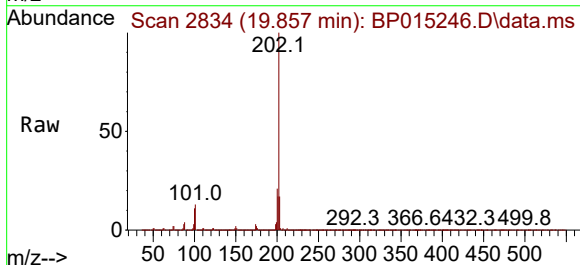
Tgt Ion:202 Resp: 2596272

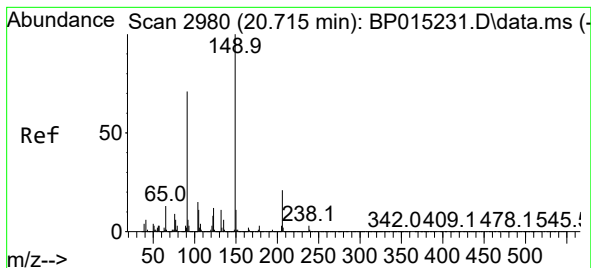
Ion Ratio Lower Upper

202 100

101 12.8 11.2 16.8

100 10.7 9.0 13.6





#83

Butylbenzylphthalate

Concen: 37.596 ng/ul

RT: 20.710 min Scan# 2980

Delta R.T. 0.000 min

Lab File: BP015246.D

Acq: 23 May 2023 18:14

Instrument :

BNA_P

ClientSampleId :

SLCS973

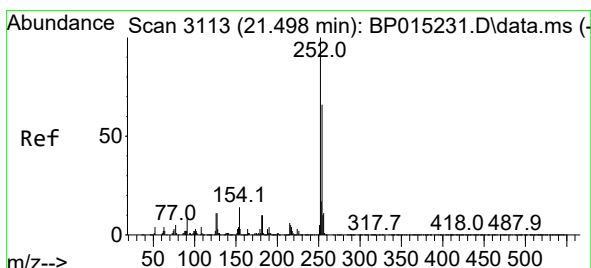
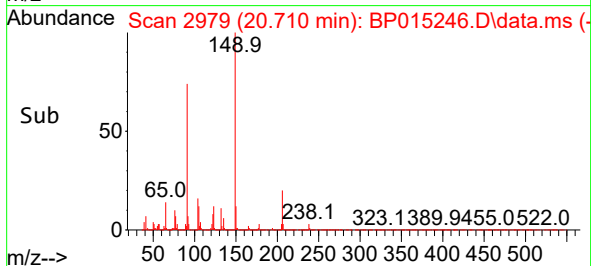
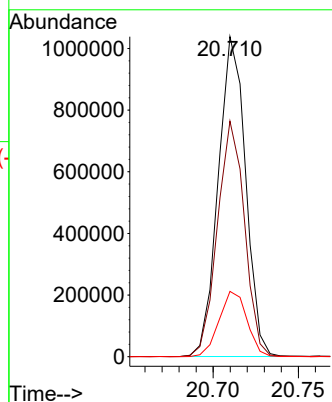
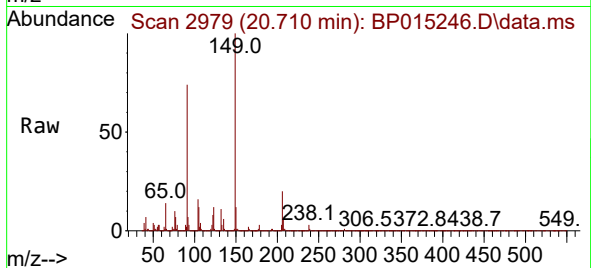
Tgt Ion:149 Resp: 1159009

Ion Ratio Lower Upper

149 100

91 73.6 57.4 86.2

206 20.4 16.6 25.0



#84

3,3'-Dichlorobenzidine

Concen: 34.208 ng/ul

RT: 21.492 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BP015246.D

Acq: 23 May 2023 18:14

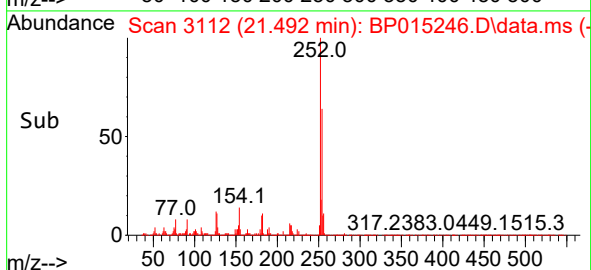
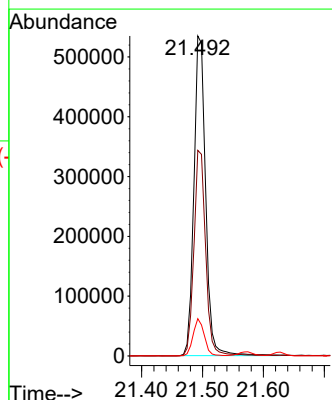
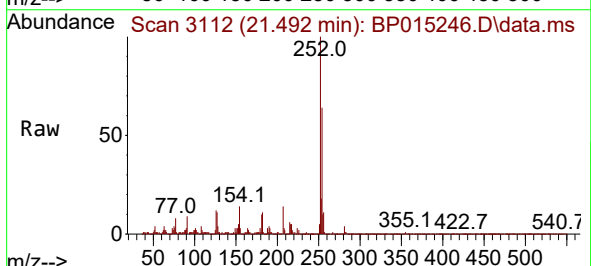
Tgt Ion:252 Resp: 715670

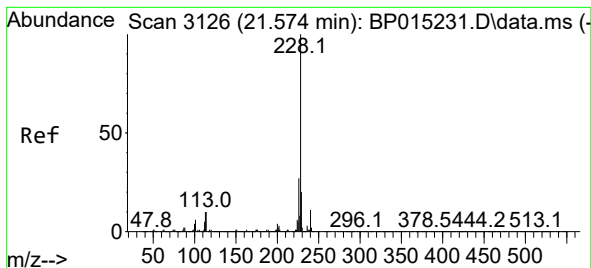
Ion Ratio Lower Upper

252 100

254 64.3 50.8 76.2

126 11.7 9.8 14.8





#85

Benzo(a)anthracene

Concen: 33.508 ng/ul

RT: 21.569 min Scan# 3126

Delta R.T. 0.000 min

Lab File: BP015246.D

Acq: 23 May 2023 18:14

Instrument :

BNA_P

ClientSampleId :

SLCS973

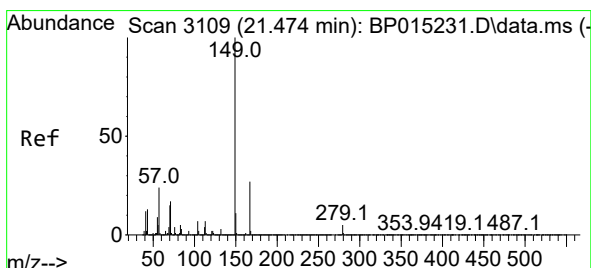
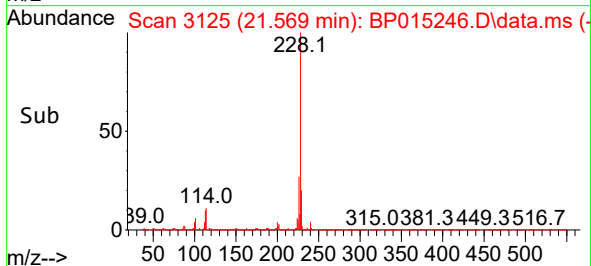
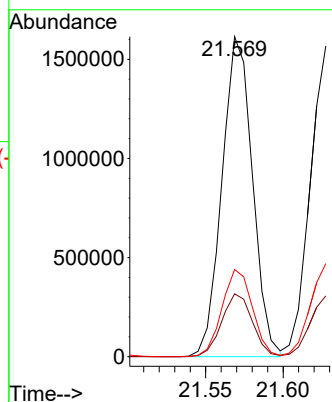
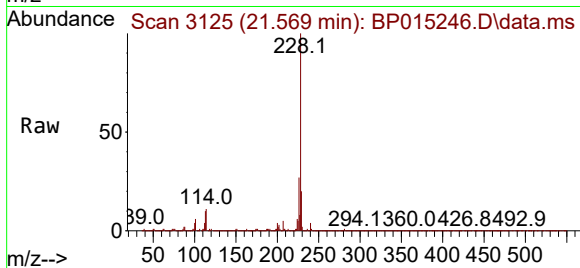
Tgt Ion:228 Resp: 2207020

Ion Ratio Lower Upper

228 100

229 19.6 16.1 24.1

226 27.2 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 38.174 ng/ul

RT: 21.469 min Scan# 3108

Delta R.T. 0.000 min

Lab File: BP015246.D

Acq: 23 May 2023 18:14

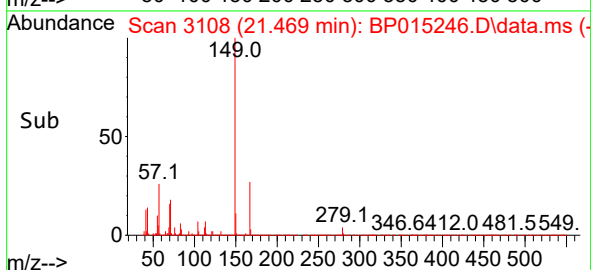
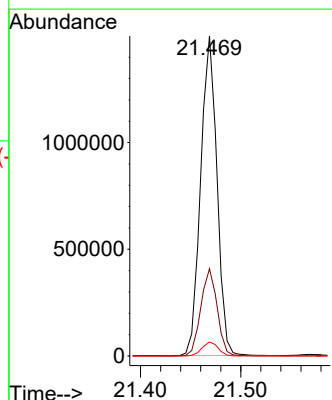
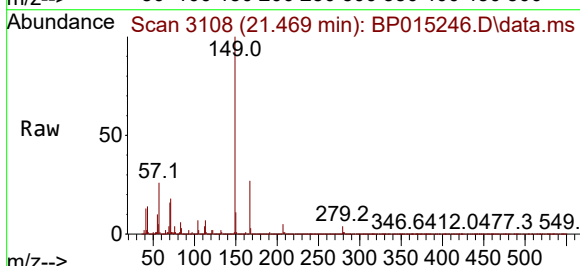
Tgt Ion:149 Resp: 1694237

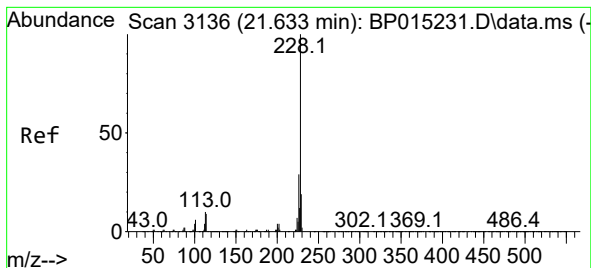
Ion Ratio Lower Upper

149 100

167 27.2 21.8 32.6

279 4.4 3.2 4.8





#87

Chrysene

Concen: 33.022 ng/ul

RT: 21.627 min Scan# 3136

Delta R.T. 0.000 min

Lab File: BP015246.D

Acq: 23 May 2023 18:14

Instrument :

BNA_P

ClientSampleId :

SLCS973

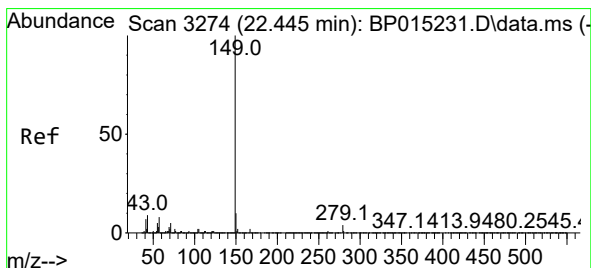
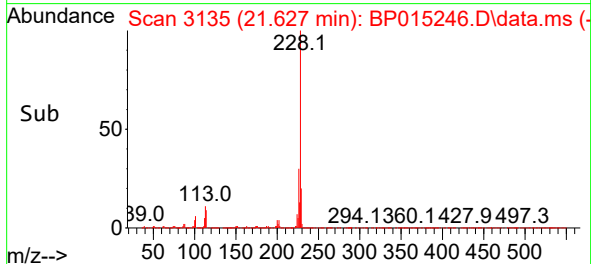
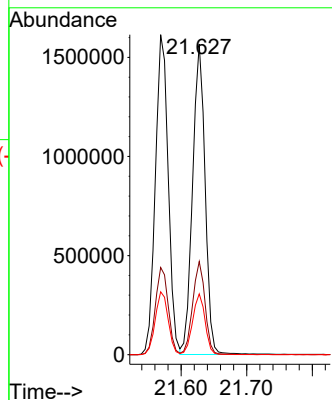
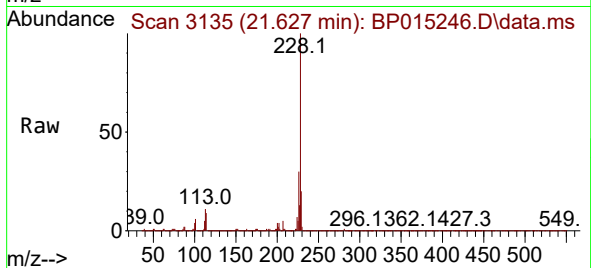
Tgt Ion:228 Resp: 2079177

Ion Ratio Lower Upper

228 100

226 30.0 25.0 37.6

229 19.6 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 39.923 ng/ul

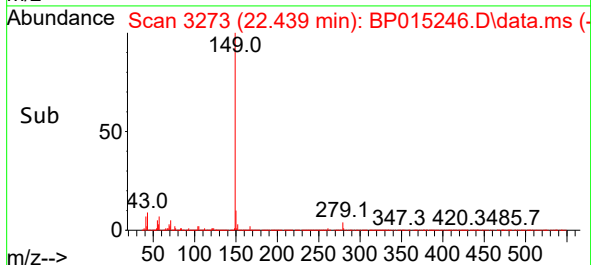
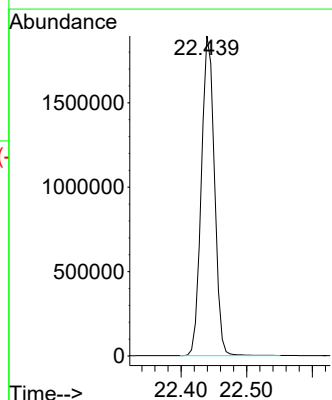
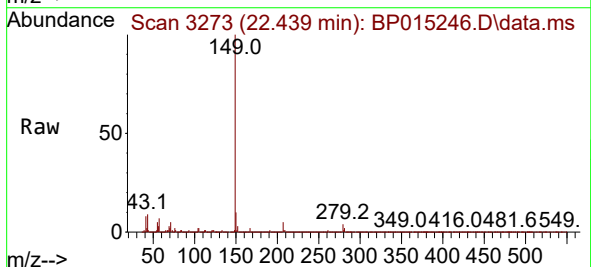
RT: 22.439 min Scan# 3273

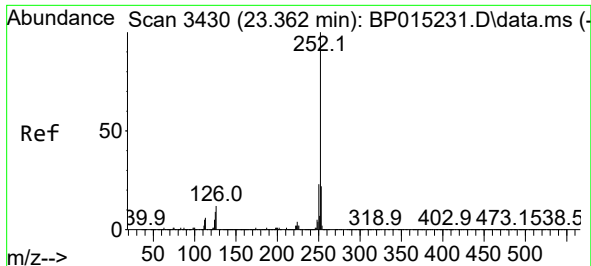
Delta R.T. -0.000 min

Lab File: BP015246.D

Acq: 23 May 2023 18:14

Tgt Ion:149 Resp: 2642770

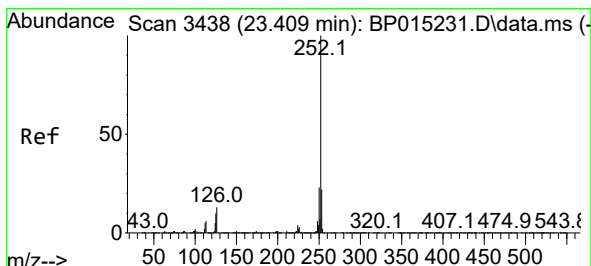
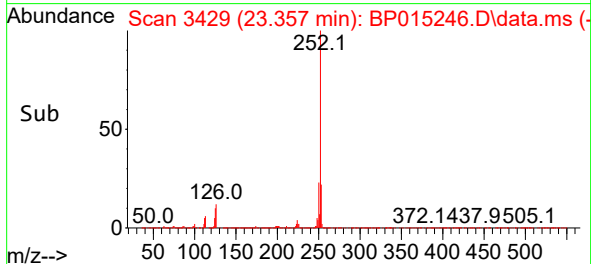
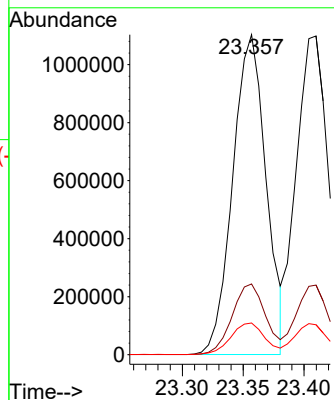
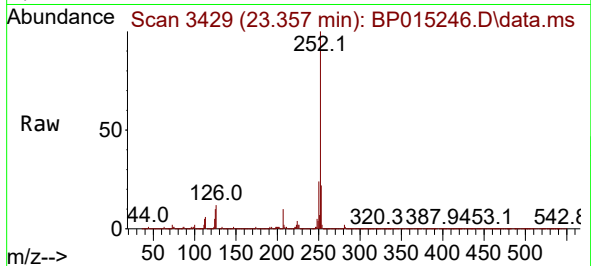




#90
Benzo(b)fluoranthene
Concen: 34.292 ng/ul
RT: 23.357 min Scan# 3429
Delta R.T. 0.006 min
Lab File: BP015246.D
Acq: 23 May 2023 18:14

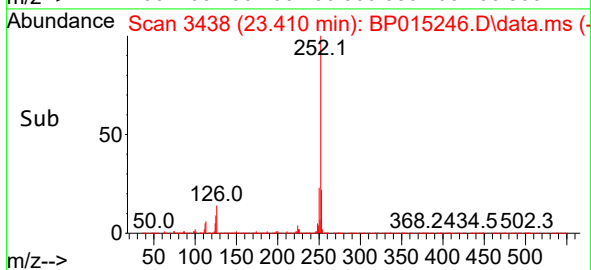
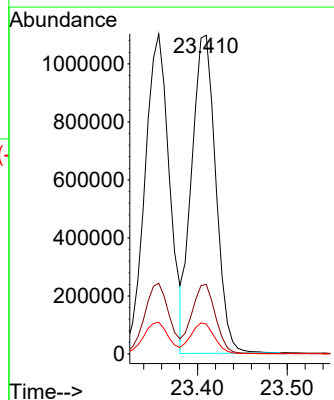
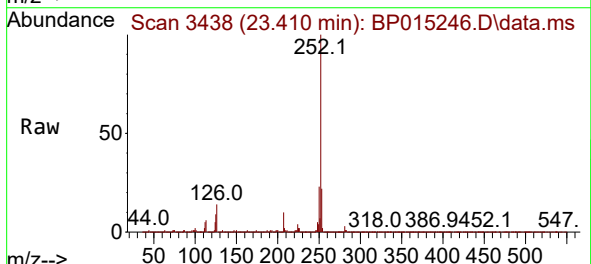
Instrument :
BNA_P
ClientSampleId :
SLCS973

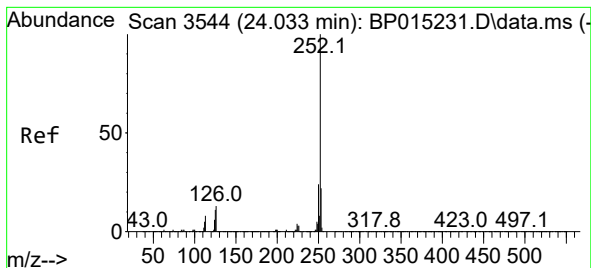
Tgt Ion:252 Resp: 2101232
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 9.9 8.3 12.5



#91
Benzo(k)fluoranthene
Concen: 34.675 ng/ul
RT: 23.410 min Scan# 3438
Delta R.T. 0.006 min
Lab File: BP015246.D
Acq: 23 May 2023 18:14

Tgt Ion:252 Resp: 2040167
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.4 8.5 12.7





#93

Benzo(a)pyrene

Concen: 33.193 ng/ul

RT: 24.033 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP015246.D

Acq: 23 May 2023 18:14

Instrument :

BNA_P

ClientSampleId :

SLCS973

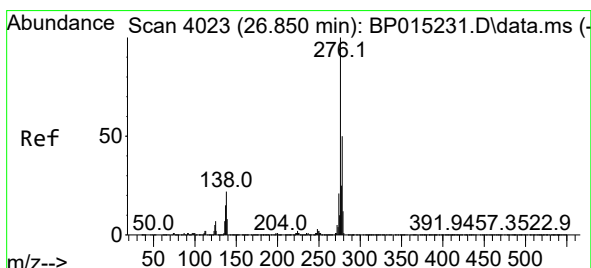
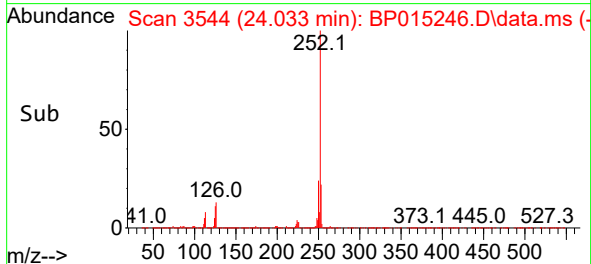
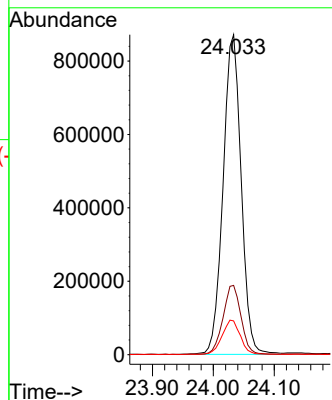
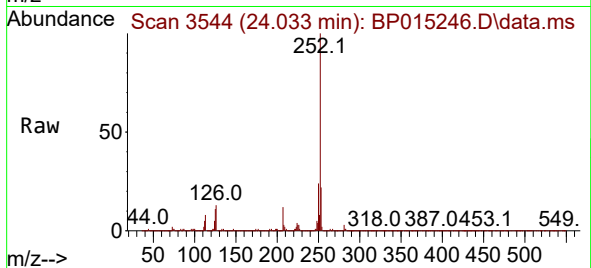
Tgt Ion:252 Resp: 1797739

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

125 10.6 9.1 13.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 33.171 ng/ul

RT: 26.857 min Scan# 4024

Delta R.T. 0.012 min

Lab File: BP015246.D

Acq: 23 May 2023 18:14

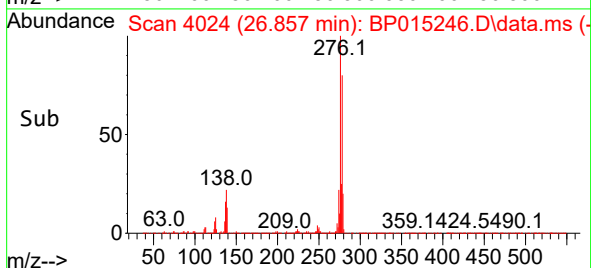
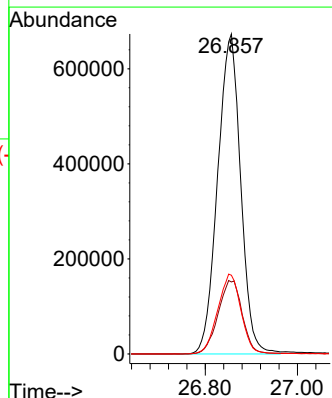
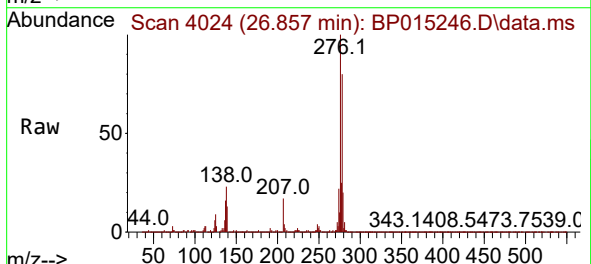
Tgt Ion:276 Resp: 2326184

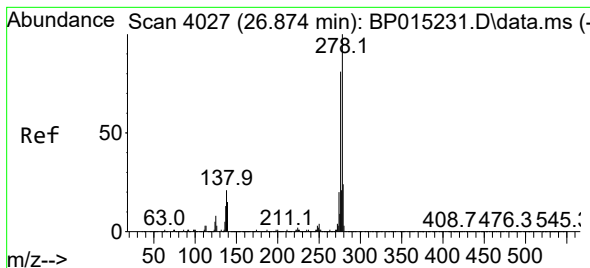
Ion Ratio Lower Upper

276 100

138 22.5 20.1 30.1

277 24.6 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 33.465 ng/ul

RT: 26.868 min Scan# 4027

Delta R.T. 0.006 min

Lab File: BP015246.D

Acq: 23 May 2023 18:14

Instrument :

BNA_P

ClientSampleId :

SLCS973

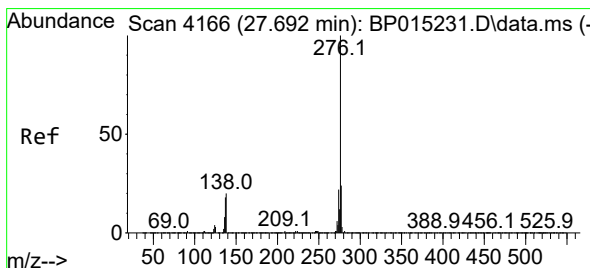
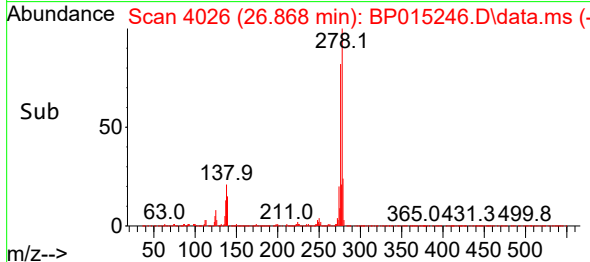
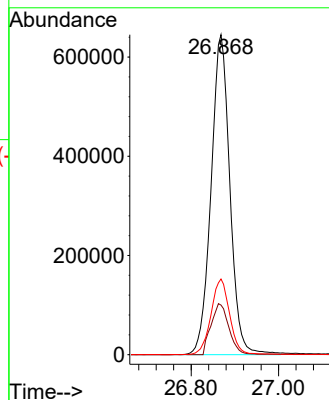
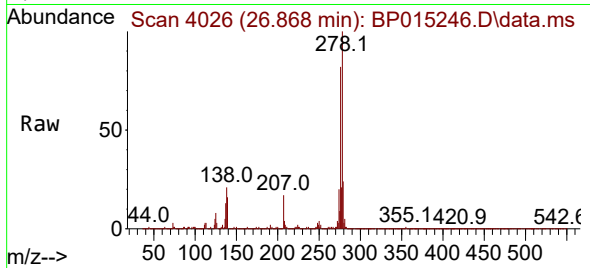
Tgt Ion:278 Resp: 1926463

Ion Ratio Lower Upper

278 100

139 15.5 13.3 19.9

279 23.7 19.1 28.7



#96

Benzo(g,h,i)perylene

Concen: 33.273 ng/ul

RT: 27.686 min Scan# 4165

Delta R.T. 0.012 min

Lab File: BP015246.D

Acq: 23 May 2023 18:14

Tgt Ion:276 Resp: 1902757

Ion Ratio Lower Upper

276 100

138 20.4 17.7 26.5

277 23.6 18.8 28.2

