

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040323\
 Data File : BP014489.D
 Acq On : 03 Apr 2023 16:23
 Operator : CG/JU
 Sample : PB151781BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS781

Quant Time: Apr 04 00:54:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 31 04:41:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	93084	20.000	ng/u1	0.00
20) Naphthalene-d8	10.828	136	423137	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.663	164	290954	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.428	188	701657	20.000	ng/u1	0.00
79) Chrysene-d12	21.516	240	826133	20.000	ng/u1	0.00
88) Perylene-d12	24.033	264	872015	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	13851	5.770	ng/uL	0.00
4) Pyridine-d5	3.822	84	115232	18.733	ng/u1	0.00
7) Phenol-d5	7.175	99	285628	33.272	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	174667	31.712	ng/u1	0.00
11) 2-Chlorophenol-d4	7.540	132	204372	32.938	ng/u1	0.00
15) 4-Methylphenol-d8	8.734	113	230093	33.228	ng/u1	0.00
21) Nitrobenzene-d5	9.187	128	101627	29.751	ng/u1	0.00
24) 2-Nitrophenol-d4	9.910	143	119629	30.584	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.457	165	229104	32.162	ng/u1	0.00
31) 4-Chloroaniline-d4	10.981	131	28928	3.083	ng/u1	0.00
46) Dimethylphthalate-d6	14.069	166	730703	30.974	ng/u1	0.00
49) Acenaphthylene-d8	14.357	160	809059	30.908	ng/u1	0.00
54) 4-Nitrophenol-d4	14.892	143	126322	35.444	ng/u1	0.01
60) Fluorene-d10	15.657	176	629413	31.993	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.787	200	153133	29.660	ng/u1	0.00
73) Anthracene-d10	17.528	188	1054888	31.065	ng/u1	0.00
81) Pyrene-d10	19.757	212	1376479	24.805	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.868	264	1453923	31.382	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.417	88	30117	11.417	ng/uL	91
5) Pyridine	3.840	79	219015	34.023	ng/u1	99
6) Benzaldehyde	7.152	77	81945	19.204	ng/u1	99
8) Phenol	7.205	94	295753	33.210	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.428	93	222258	31.057	ng/u1	99
12) 2-Chlorophenol	7.569	128	210405	32.580	ng/u1	96
13) 2-Methylphenol	8.463	108	218439	32.891	ng/u1	99
16) Acetophenone	8.846	105	364175	31.848	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.822	70	199484	32.293	ng/u1	96
18) 4-Methylphenol	8.799	108	242788	33.287	ng/u1	99
19) Hexachloroethane	9.093	117	91777	32.525	ng/u1	96
22) Nitrobenzene	9.228	77	301017	30.674	ng/u1	99
23) Isophorone	9.752	82	553234	30.584	ng/u1	99
25) 2-Nitrophenol	9.946	139	126728	30.696	ng/u1	96
26) 2,4-Dimethylphenol	10.004	107	282172	30.536	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.234	93	322046	29.695	ng/u1	99
29) 2,4-Dichlorophenol	10.487	162	222461	31.733	ng/u1	92
30) Naphthalene	10.881	128	717864	30.458	ng/u1	99
32) 4-Chloroaniline	11.004	127	173824	18.290	ng/u1	99
33) Hexachlorobutadiene	11.157	225	158515	28.541	ng/u1	98
34) Caprolactam	11.799	113	74865	36.148	ng/u1	85
35) 4-Chloro-3-methylphenol	12.134	107	285610	33.123	ng/u1	99
36) 2-Methylnaphthalene	12.487	142	491067	30.744	ng/u1	99
37) 1-Methylnaphthalene	12.704	142	509977	32.193	ng/u1	99

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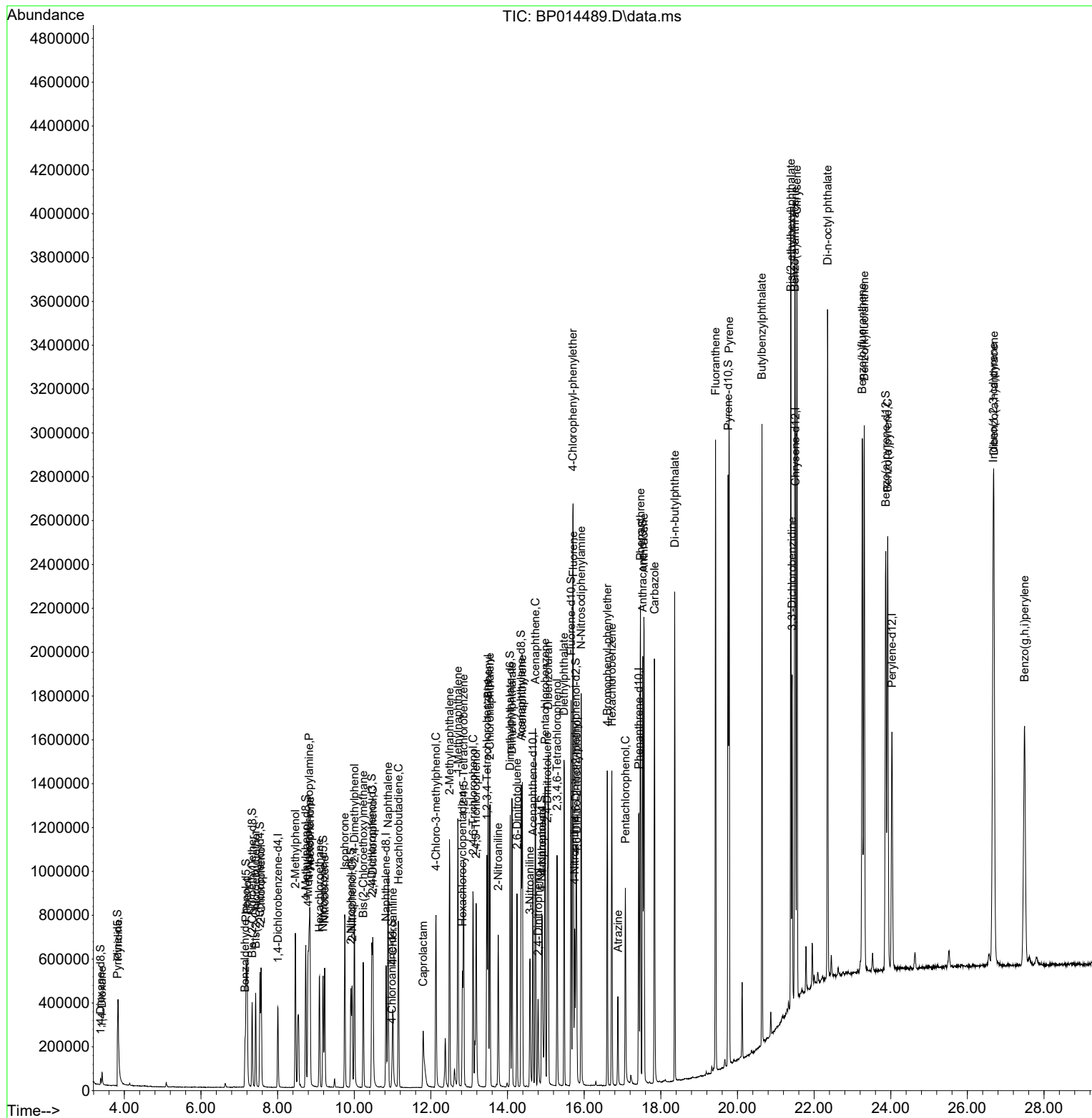
Instrument :
 BNA_P
 ClientSampleId :
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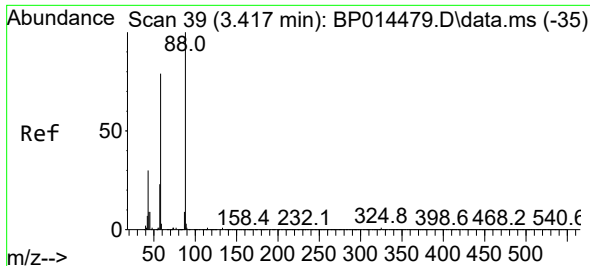
Quant Time: Apr 04 00:54:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 31 04:41:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.851	216	297073	28.637	ng/ul	97
40) Hexachlorocyclopentadiene	12.822	237	136061	20.254	ng/ul	98
41) 2,4,6-Trichlorophenol	13.104	196	192771	30.030	ng/ul	99
42) 2,4,5-Trichlorophenol	13.181	196	213700	31.271	ng/ul	98
43) 1,1'-Biphenyl	13.493	154	694412	29.541	ng/ul	98
44) 2-Chloronaphthalene	13.540	162	553723	29.792	ng/ul	98
45) 2-Nitroaniline	13.757	65	203633	35.378	ng/ul	98
47) Dimethylphthalate	14.116	163	729747	30.938	ng/ul	100
48) 2,6-Dinitrotoluene	14.245	165	152051	32.994	ng/ul	96
50) Acenaphthylene	14.387	152	878761	31.522	ng/ul	99
51) 3-Nitroaniline	14.587	138	134592	32.600	ng/ul	100
52) Acenaphthene	14.728	153	607171	30.821	ng/ul	99
53) 2,4-Dinitrophenol	14.798	184	91357	30.613	ng/ul	96
55) 4-Nitrophenol	14.904	109	126122	35.857	ng/ul	95
56) Dibenzofuran	15.063	168	868469	31.360	ng/ul	99
57) 2,4-Dinitrotoluene	15.040	165	227721	34.836	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.292	232	193599	31.520	ng/ul	97
59) Diethylphthalate	15.475	149	763050	32.554	ng/ul	97
61) Fluorene	15.716	166	730170	32.529	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.704	204	379872	31.499	ng/ul	97
63) 4-Nitroaniline	15.751	138	160874	47.958	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.804	198	148215	29.623	ng/ul	97
67) N-Nitrosodiphenylamine	15.922	169	625866	28.669	ng/ul	100
68) 4-Bromophenyl-phenylether	16.604	248	241514	27.661	ng/ul	96
69) Hexachlorobenzene	16.722	284	285196	28.437	ng/ul	99
70) Atrazine	16.881	200	72010	9.061	ng/ul	98
71) Pentachlorophenol	17.075	266	161469	27.791	ng/ul	99
72) Phenanthrene	17.469	178	1210379	31.007	ng/ul	99
74) Anthracene	17.557	178	1237150	31.445	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.463	216	301850	24.439	ng/uL	98
76) Pentachlorobenzene	14.981	250	324415	26.324	ng/uL	97
77) Carbazole	17.833	167	1161068	35.265	ng/ul	99
78) Di-n-butylphthalate	18.363	149	1418893	34.274	ng/ul	99
80) Fluoranthene	19.428	202	1589584	24.228	ng/ul	98
82) Pyrene	19.780	202	1682806	24.567	ng/ul	98
83) Butylbenzylphthalate	20.639	149	737446	31.254	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.427	252	447030	24.467	ng/ul	100
85) Benzo(a)anthracene	21.498	228	1835611	31.355	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	1099757	34.085	ng/ul	100
87) Chrysene	21.551	228	1725833	31.221	ng/ul	99
89) Di-n-octyl phthalate	22.351	149	1943586	34.346	ng/ul	100
90) Benzo(b)fluoranthene	23.257	252	1833761	31.137	ng/ul	99
91) Benzo(k)fluoranthene	23.310	252	1828857	31.973	ng/ul	100
93) Benzo(a)pyrene	23.921	252	1581800	31.203	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.674	276	1951702	27.984	ng/ul	99
95) Dibenzo(a,h)anthracene	26.692	278	1628090	27.882	ng/ul	99
96) Benzo(g,h,i)perylene	27.492	276	1543215	27.146	ng/ul	99

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

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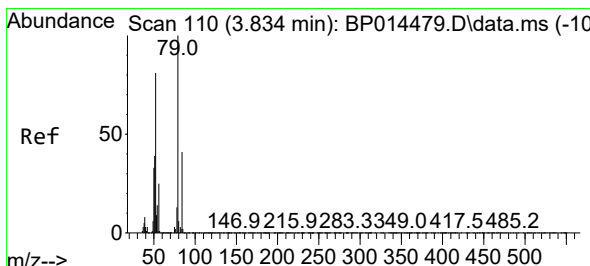
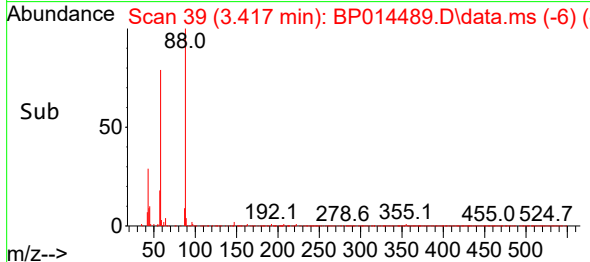
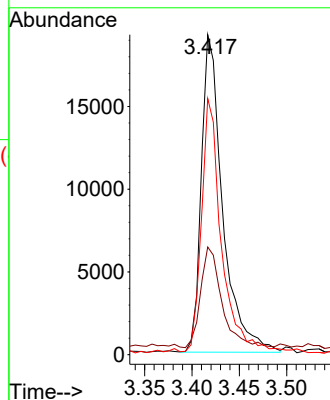
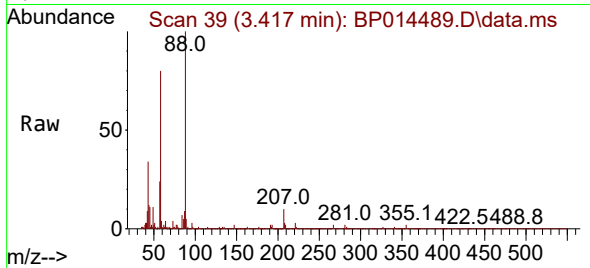




#2
1,4-Dioxane
Concen: 11.417 ng/uL
RT: 3.417 min Scan# 39
Delta R.T. -0.006 min
Lab File: BP014489.D
Acq: 03 Apr 2023 16:23

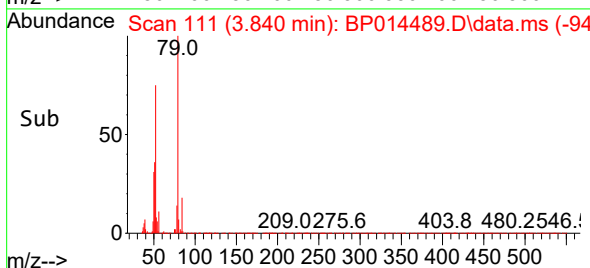
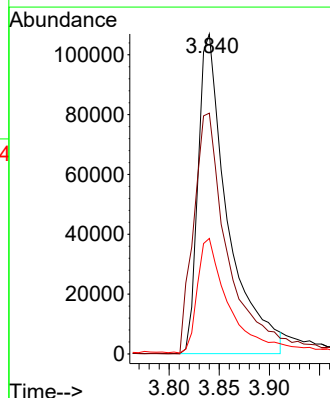
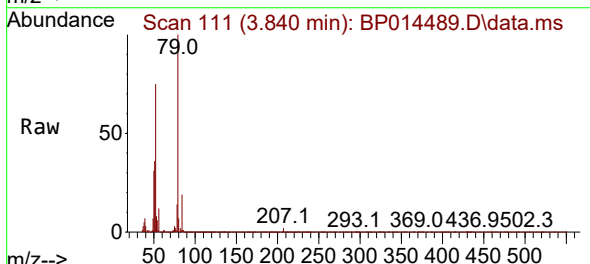
Instrument :
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ClientSampleId :
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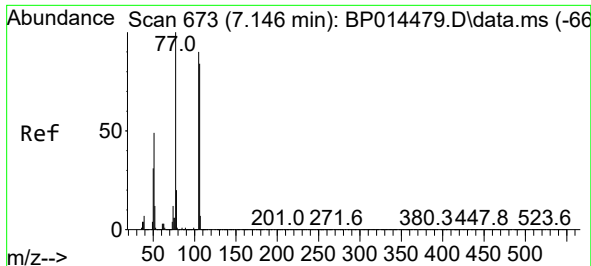
Tgt Ion:	88	Resp:	30117
Ion	Ratio	Lower	Upper
88	100		
43	33.7	24.4	36.6
58	80.1	57.4	86.0



#5
Pyridine
Concen: 34.023 ng/uL
RT: 3.840 min Scan# 111
Delta R.T. -0.000 min
Lab File: BP014489.D
Acq: 03 Apr 2023 16:23

Tgt Ion:	79	Resp:	219015
Ion	Ratio	Lower	Upper
79	100		
52	75.3	61.4	92.2
51	36.1	28.5	42.7

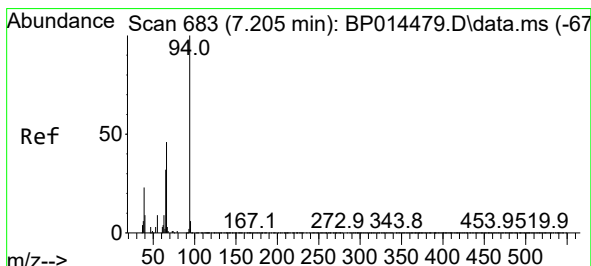
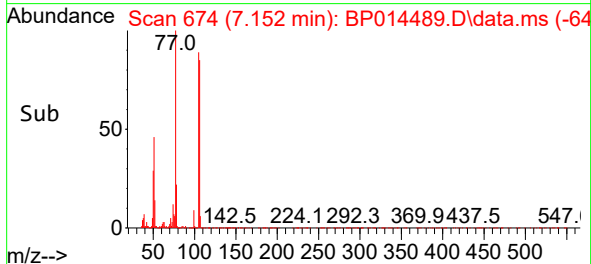
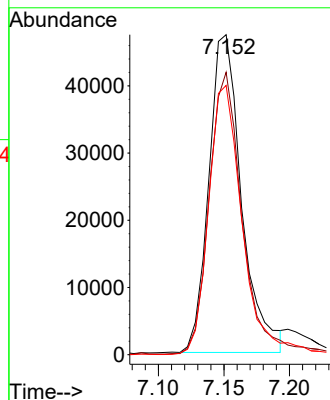
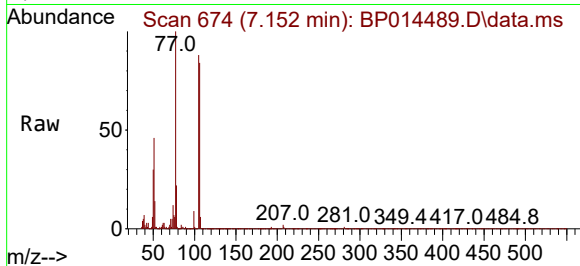




#6
Benzaldehyde
Concen: 19.204 ng/ul
RT: 7.152 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP014489.D
Acq: 03 Apr 2023 16:23

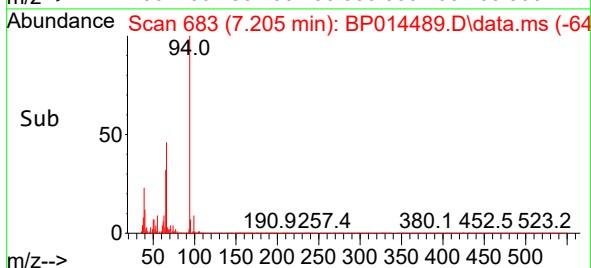
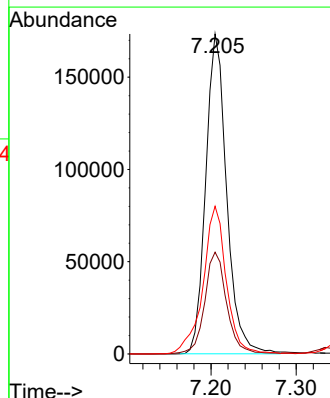
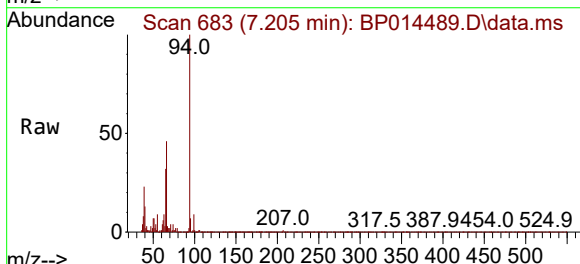
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ClientSampleId :
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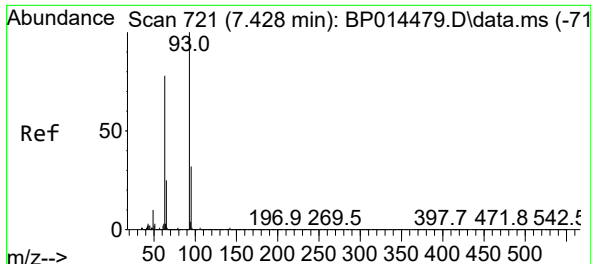
Tgt Ion: 77 Resp: 81945
Ion Ratio Lower Upper
77 100
105 88.2 70.6 105.8
106 84.2 66.5 99.7



#8
Phenol
Concen: 33.210 ng/ul
RT: 7.205 min Scan# 683
Delta R.T. 0.006 min
Lab File: BP014489.D
Acq: 03 Apr 2023 16:23

Tgt Ion: 94 Resp: 295753
Ion Ratio Lower Upper
94 100
65 31.8 25.2 37.8
66 46.2 36.2 54.4

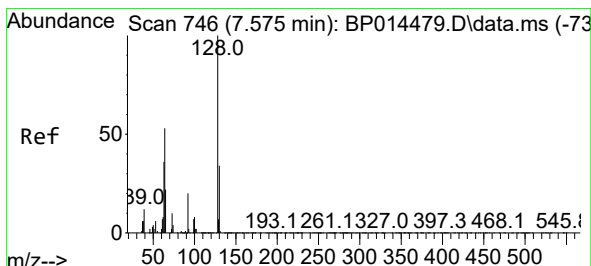
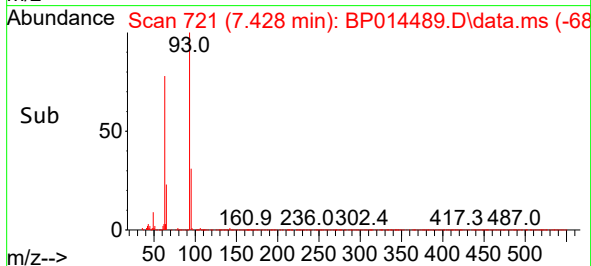
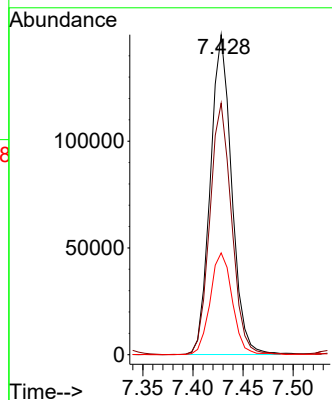
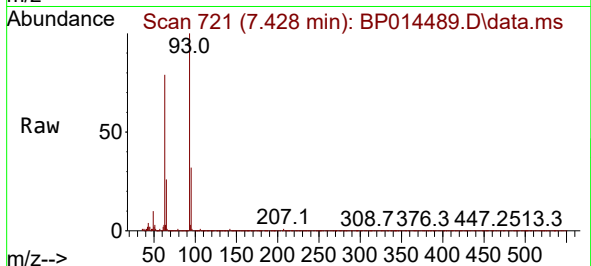




#10
Bis(2-Chloroethyl)ether
Concen: 31.057 ng/ul
RT: 7.428 min Scan# 721
Delta R.T. -0.006 min
Lab File: BP014489.D
Acq: 03 Apr 2023 16:23

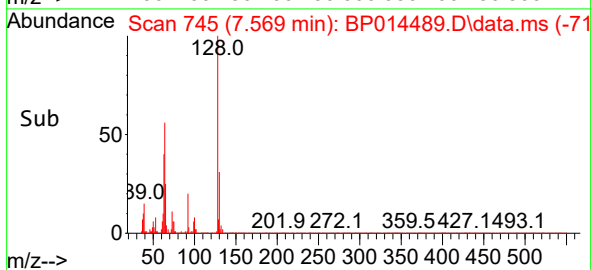
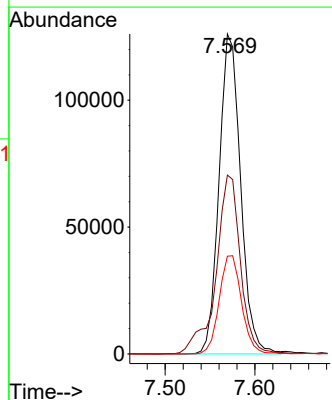
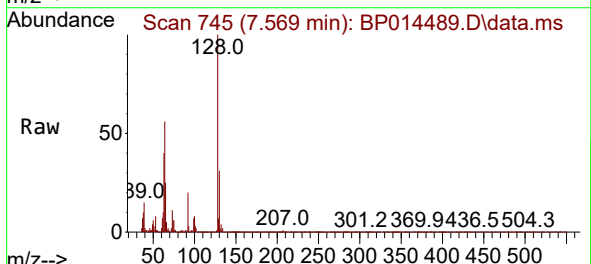
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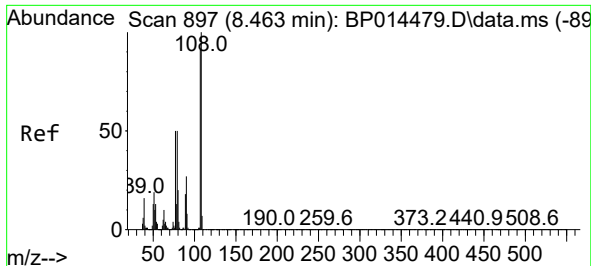
Tgt Ion: 93 Resp: 222258
Ion Ratio Lower Upper
93 100
63 78.6 63.2 94.8
95 31.8 26.0 39.0



#12
2-Chlorophenol
Concen: 32.580 ng/ul
RT: 7.569 min Scan# 745
Delta R.T. -0.006 min
Lab File: BP014489.D
Acq: 03 Apr 2023 16:23

Tgt Ion:128 Resp: 210405
Ion Ratio Lower Upper
128 100
64 55.9 41.4 62.0
130 30.5 24.1 36.1





#13

2-Methylphenol

Concen: 32.891 ng/ul

RT: 8.463 min Scan# 897

Delta R.T. -0.000 min

Lab File: BP014489.D

Acq: 03 Apr 2023 16:23

Instrument :

BNA_P

ClientSampleId :

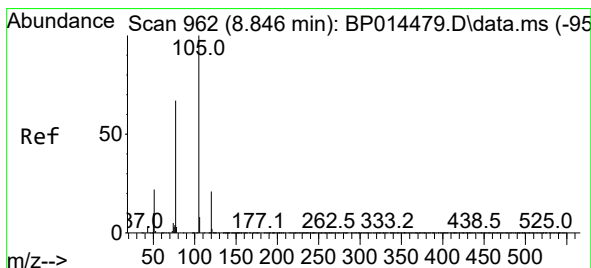
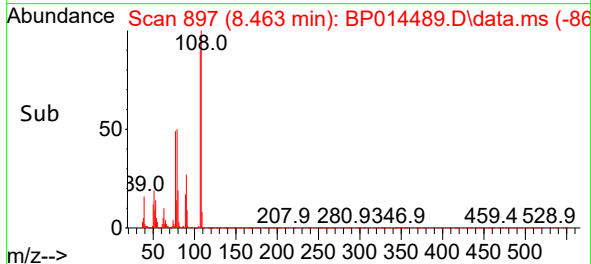
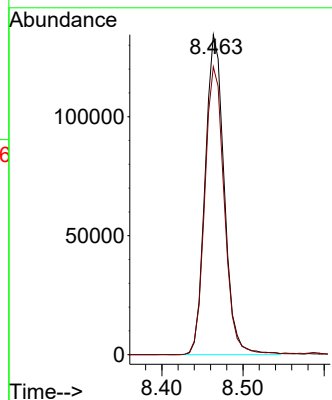
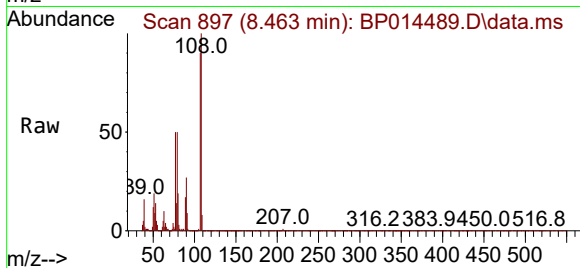
SLCS781

Tgt Ion:108 Resp: 218439

Ion Ratio Lower Upper

108 100

107 90.0 71.2 106.8



#16

Acetophenone

Concen: 31.848 ng/ul

RT: 8.846 min Scan# 962

Delta R.T. -0.006 min

Lab File: BP014489.D

Acq: 03 Apr 2023 16:23

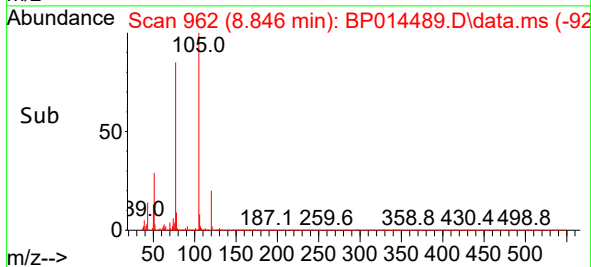
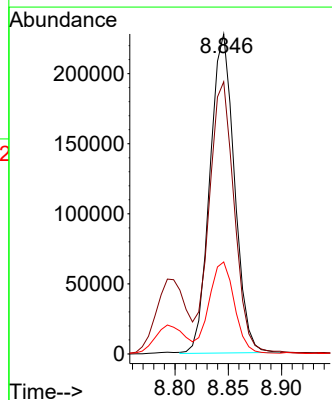
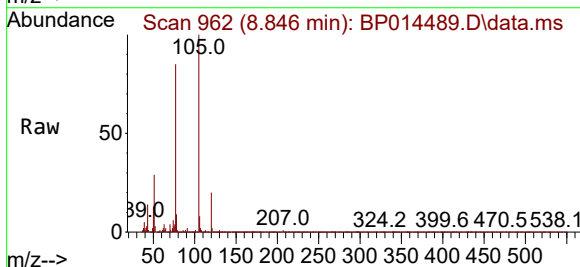
Tgt Ion:105 Resp: 364175

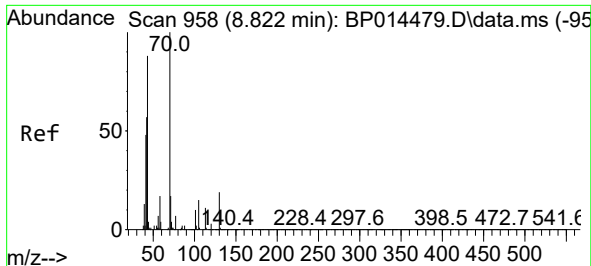
Ion Ratio Lower Upper

105 100

77 85.0 67.3 100.9

51 28.8 23.0 34.4

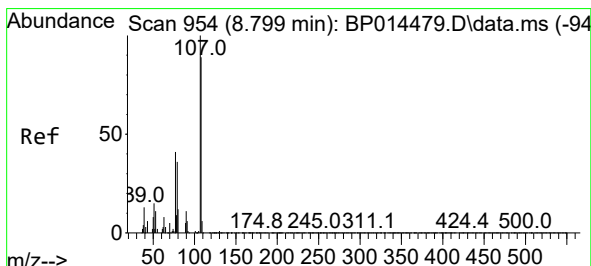
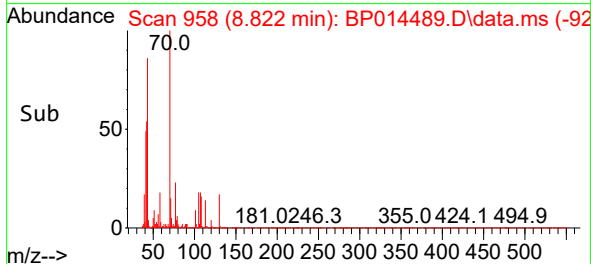
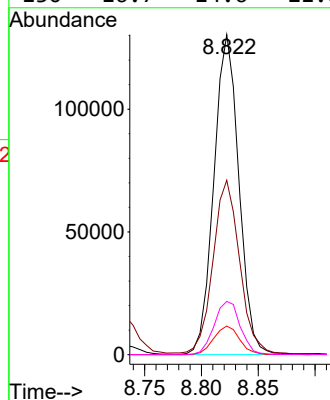
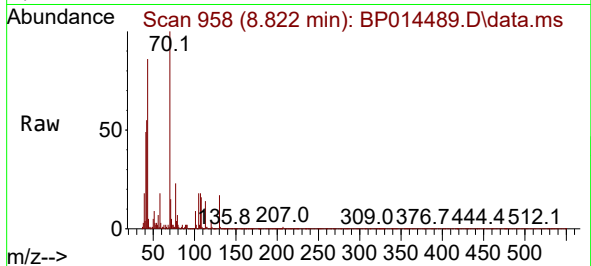




#17
N-Nitroso-di-n-propylamine
Concen: 32.293 ng/ul
RT: 8.822 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP014489.D
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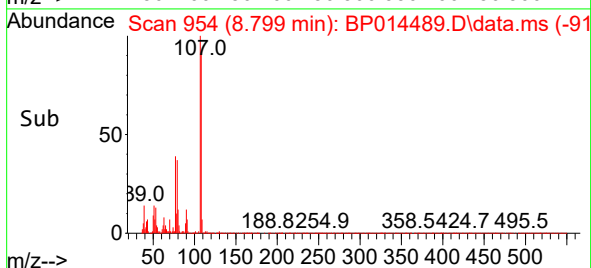
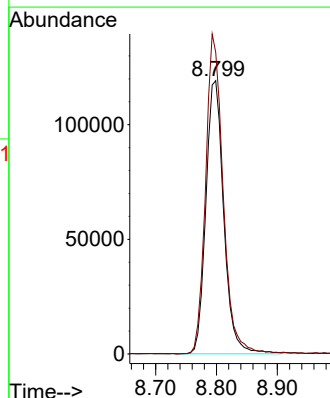
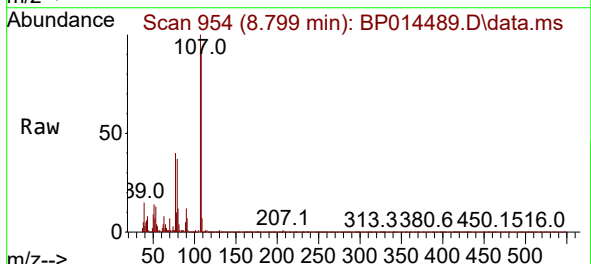
Instrument :
BNA_P
ClientSampleId :
SLCS781

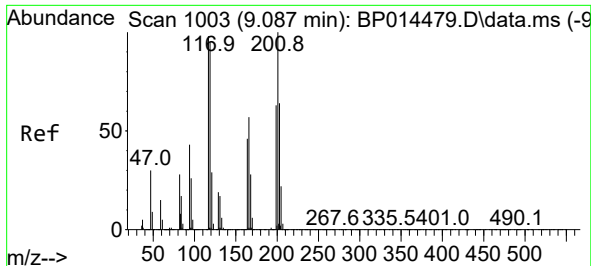
Tgt Ion: 70 Resp: 199484
Ion Ratio Lower Upper
70 100
42 54.5 41.1 61.7
101 8.9 7.0 10.6
130 16.7 14.6 21.8



#18
4-Methylphenol
Concen: 33.287 ng/ul
RT: 8.799 min Scan# 954
Delta R.T. 0.006 min
Lab File: BP014489.D
Acq: 03 Apr 2023 16:23

Tgt Ion: 108 Resp: 242788
Ion Ratio Lower Upper
108 100
107 110.4 89.0 133.6

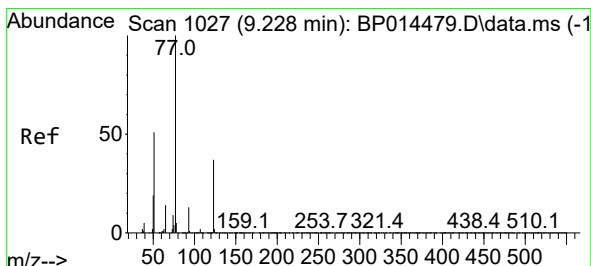
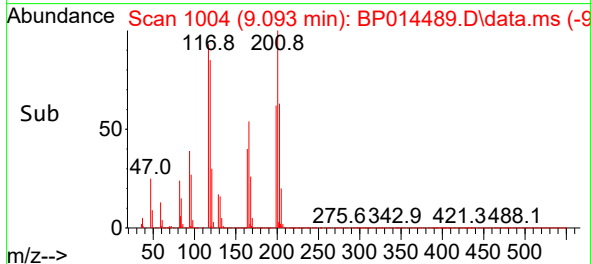
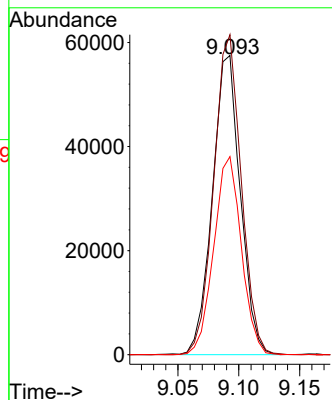
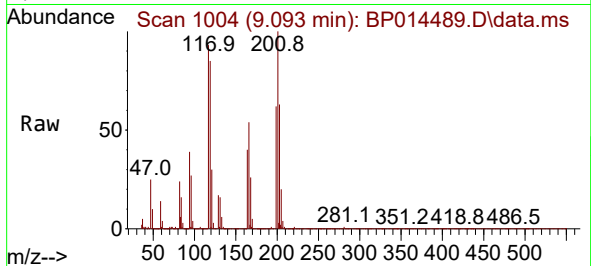




#19
Hexachloroethane
Concen: 32.525 ng/ul
RT: 9.093 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BP014489.D
Acq: 03 Apr 2023 16:23

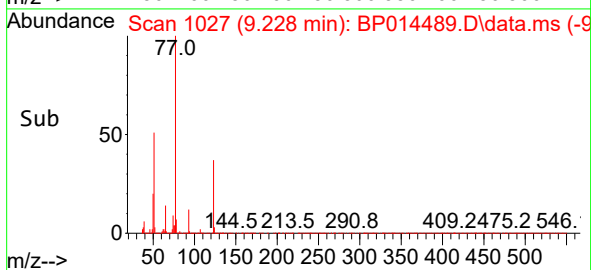
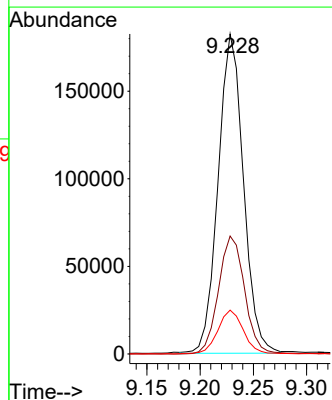
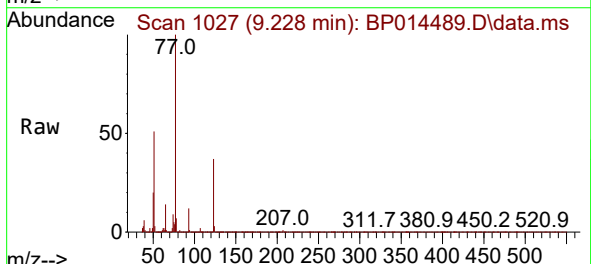
Instrument :
BNA_P
ClientSampleId :
SLCS781

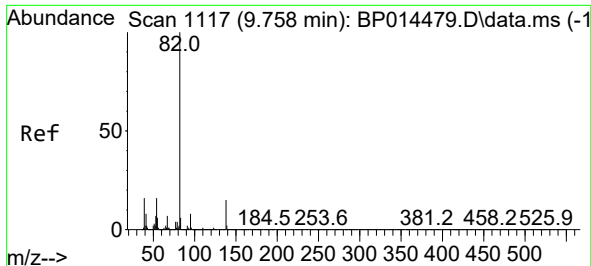
Tgt Ion:117 Resp: 91777
Ion Ratio Lower Upper
117 100
201 107.0 90.2 135.4
199 66.2 54.2 81.2



#22
Nitrobenzene
Concen: 30.674 ng/ul
RT: 9.228 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BP014489.D
Acq: 03 Apr 2023 16:23

Tgt Ion: 77 Resp: 301017
Ion Ratio Lower Upper
77 100
123 36.9 30.3 45.5
65 13.7 11.0 16.4

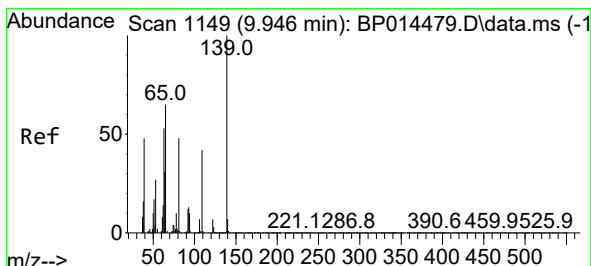
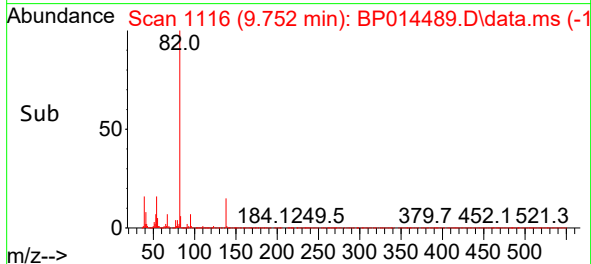
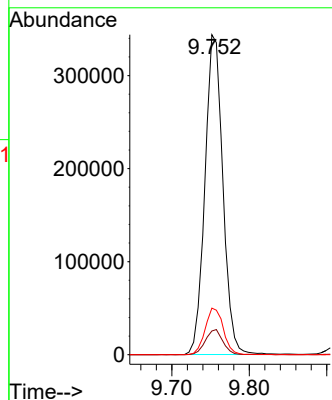
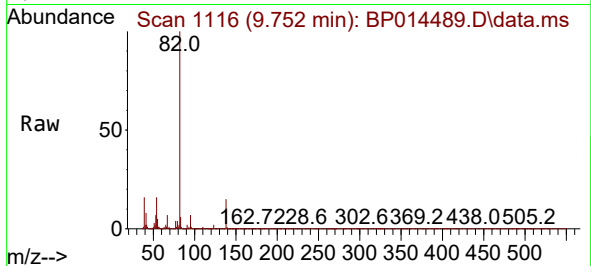




#23
Isophorone
Concen: 30.584 ng/ul
RT: 9.752 min Scan# 1116
Delta R.T. -0.012 min
Lab File: BP014489.D
Acq: 03 Apr 2023 16:23

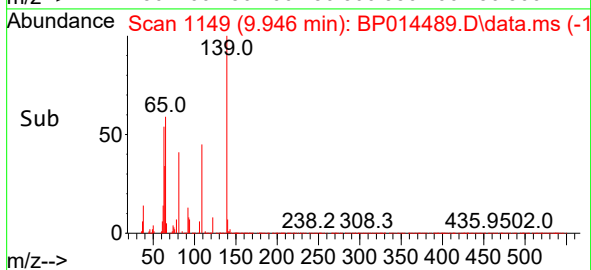
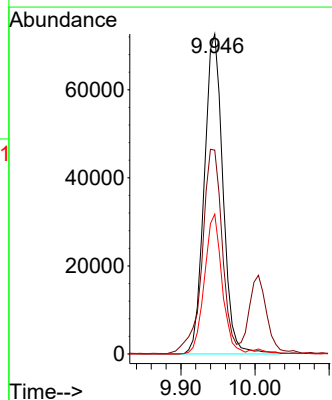
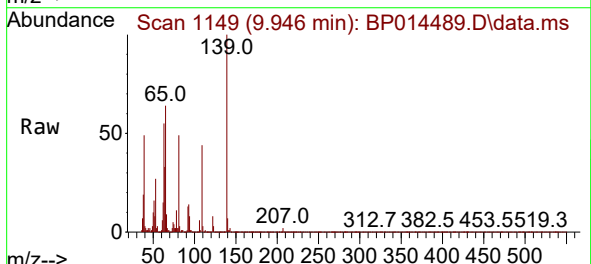
Instrument :
BNA_P
ClientSampleId :
SLCS781

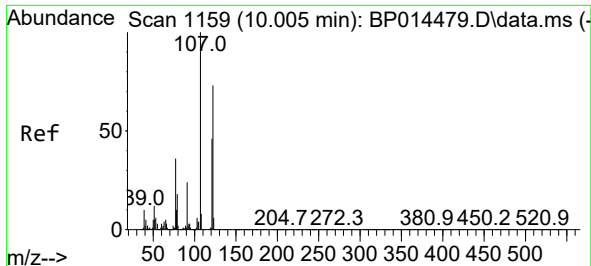
Tgt Ion: 82 Resp: 553234
Ion Ratio Lower Upper
82 100
95 7.4 6.3 9.5
138 14.6 12.2 18.2



#25
2-Nitrophenol
Concen: 30.696 ng/ul
RT: 9.946 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BP014489.D
Acq: 03 Apr 2023 16:23

Tgt Ion:139 Resp: 126728
Ion Ratio Lower Upper
139 100
65 63.7 49.7 74.5
109 43.7 31.1 46.7

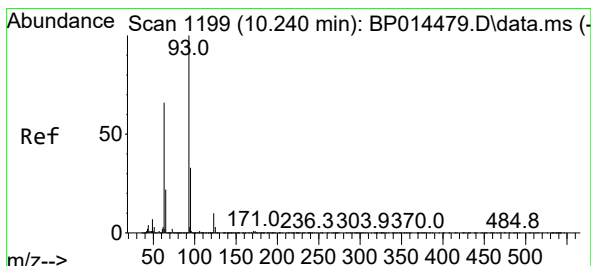
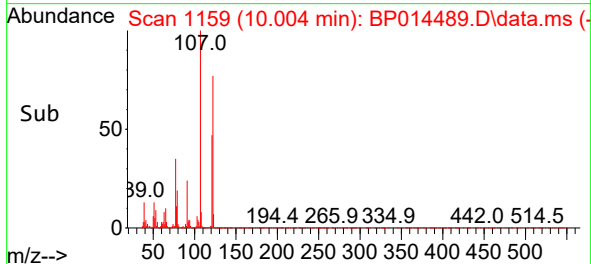
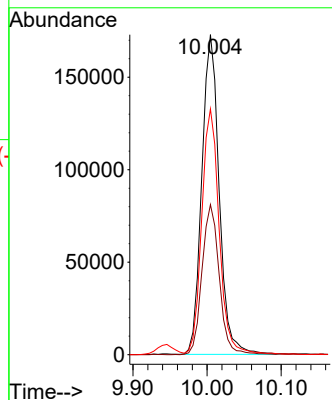
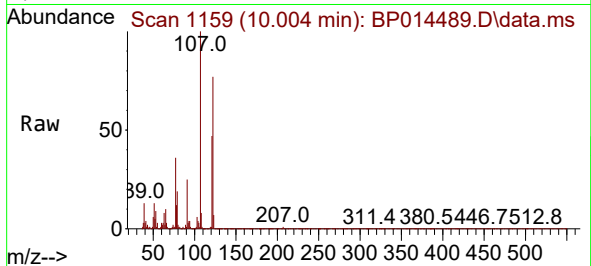




#26
2,4-Dimethylphenol
Concen: 30.536 ng/ul
RT: 10.004 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BP014489.D
Acq: 03 Apr 2023 16:23

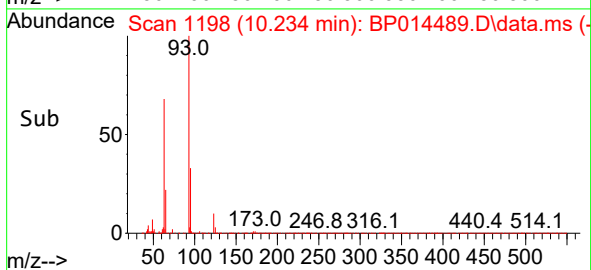
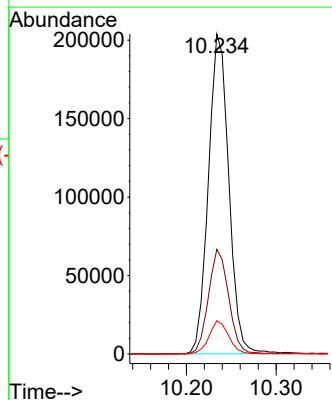
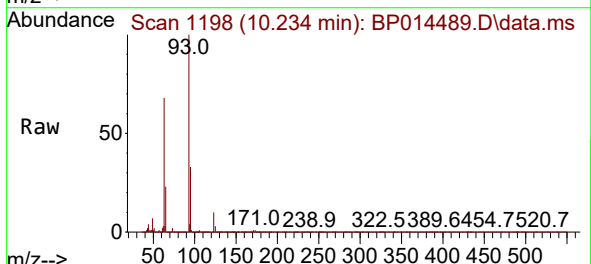
Instrument :
BNA_P
ClientSampleId :
SLCS781

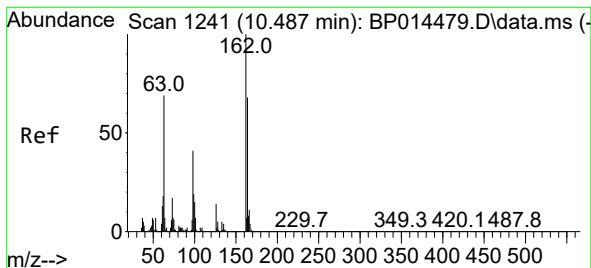
Tgt Ion:107 Resp: 282172
Ion Ratio Lower Upper
107 100
121 46.9 37.0 55.6
122 76.8 59.8 89.6



#27
Bis(2-Chloroethoxy)methane
Concen: 29.695 ng/ul
RT: 10.234 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BP014489.D
Acq: 03 Apr 2023 16:23

Tgt Ion: 93 Resp: 322046
Ion Ratio Lower Upper
93 100
95 32.7 25.8 38.8
123 10.4 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 31.733 ng/ul

RT: 10.487 min Scan# 1241

Delta R.T. -0.000 min

Lab File: BP014489.D

Acq: 03 Apr 2023 16:23

Instrument :

BNA_P

ClientSampleId :

SLCS781

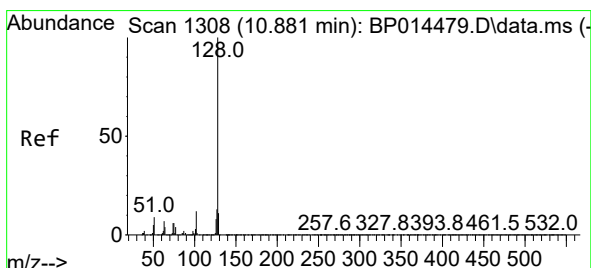
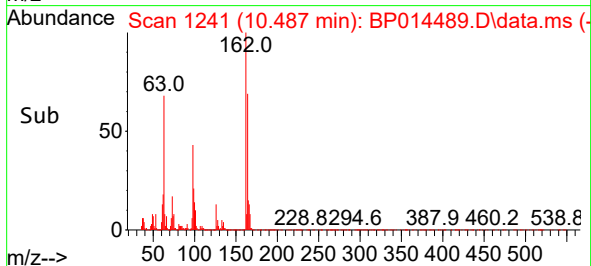
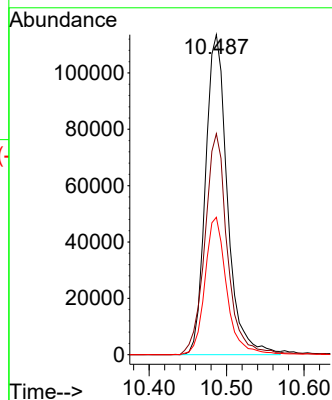
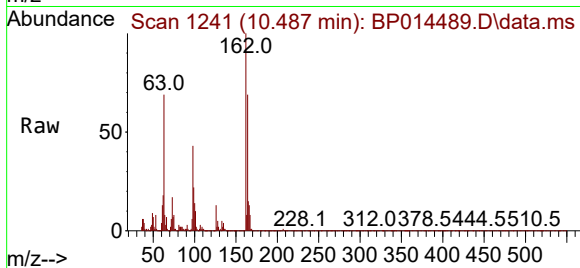
Tgt Ion:162 Resp: 222461

Ion Ratio Lower Upper

162 100

164 69.0 50.1 75.1

98 43.0 30.6 45.8



#30

Naphthalene

Concen: 30.458 ng/ul

RT: 10.881 min Scan# 1308

Delta R.T. -0.006 min

Lab File: BP014489.D

Acq: 03 Apr 2023 16:23

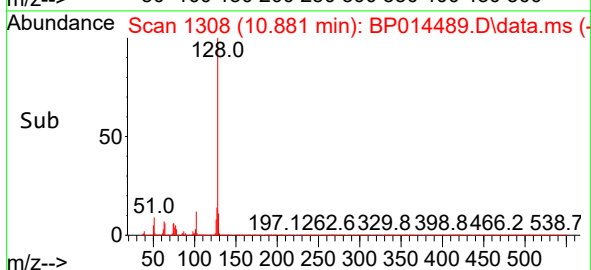
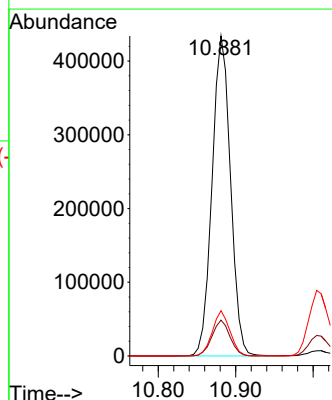
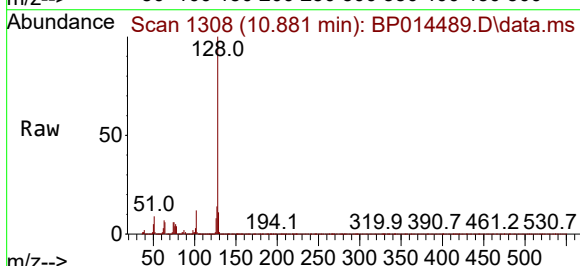
Tgt Ion:128 Resp: 717864

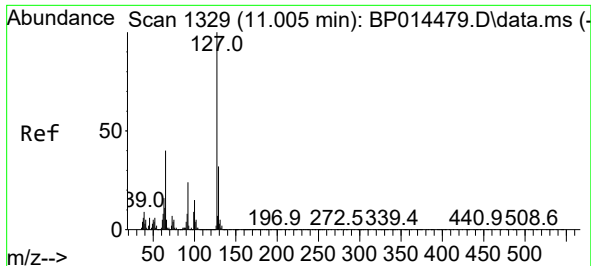
Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

127 14.2 11.0 16.6

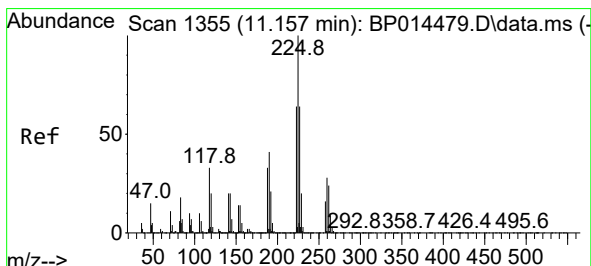
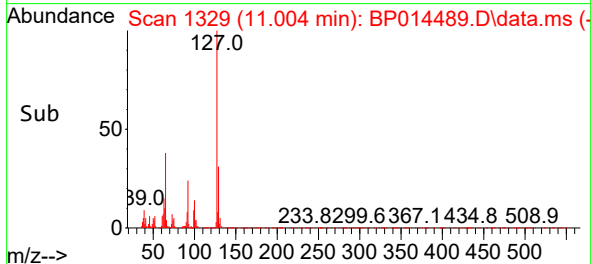
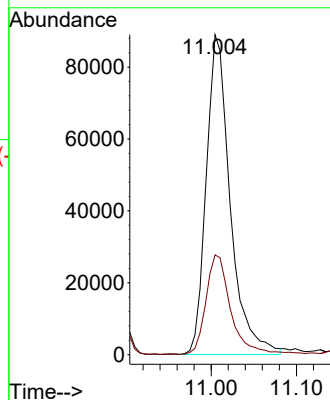
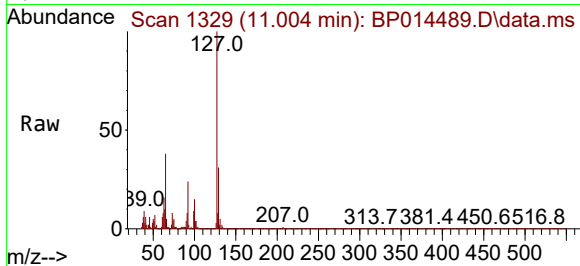




#32
4-Chloroaniline
Concen: 18.290 ng/ul
RT: 11.004 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP014489.D
Acq: 03 Apr 2023 16:23

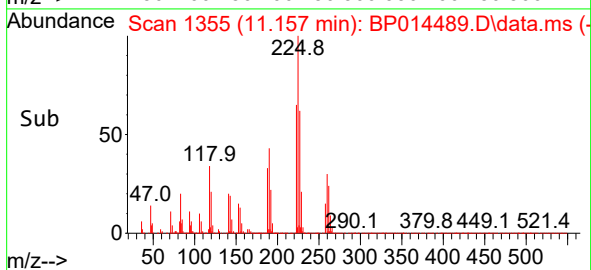
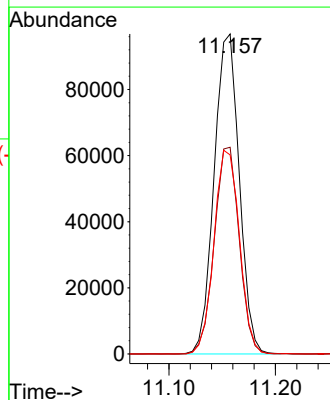
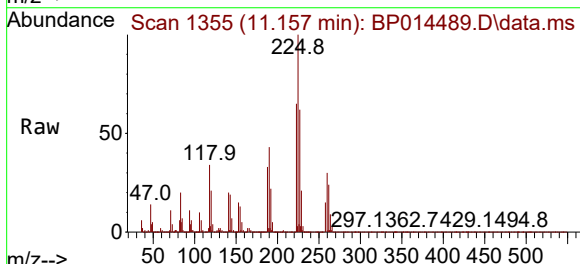
Instrument :
BNA_P
ClientSampleId :
SLCS781

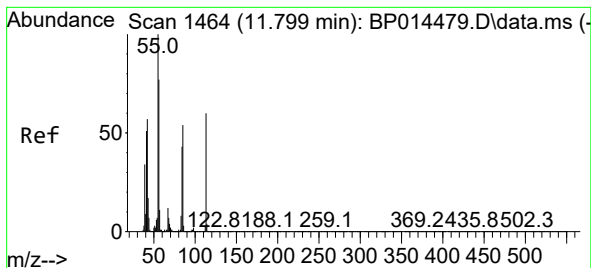
Tgt Ion:127 Resp: 173824
Ion Ratio Lower Upper
127 100
129 31.2 25.4 38.0



#33
Hexachlorobutadiene
Concen: 28.541 ng/ul
RT: 11.157 min Scan# 1355
Delta R.T. -0.006 min
Lab File: BP014489.D
Acq: 03 Apr 2023 16:23

Tgt Ion:225 Resp: 158515
Ion Ratio Lower Upper
225 100
223 64.6 49.3 73.9
227 62.2 49.6 74.4

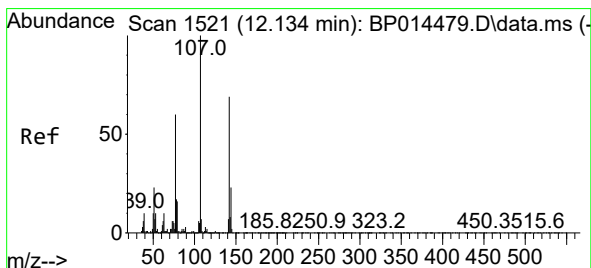
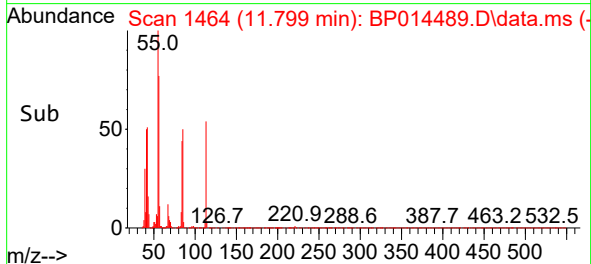
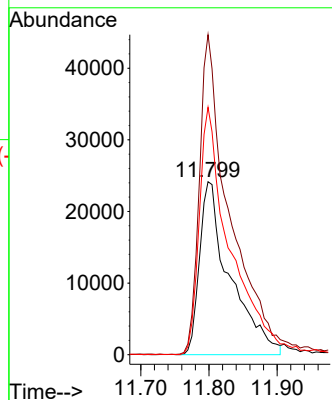
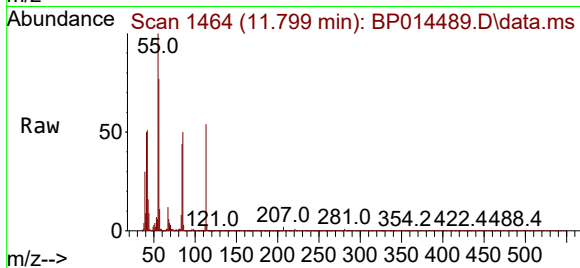




#34
Caprolactam
Concen: 36.148 ng/ul
RT: 11.799 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BP014489.D
Acq: 03 Apr 2023 16:23

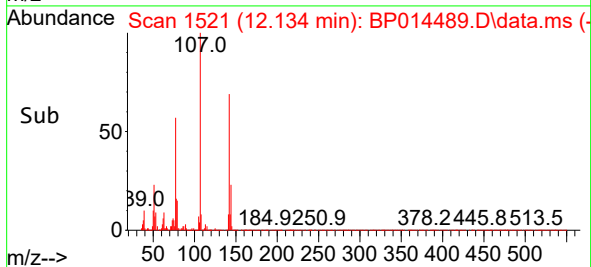
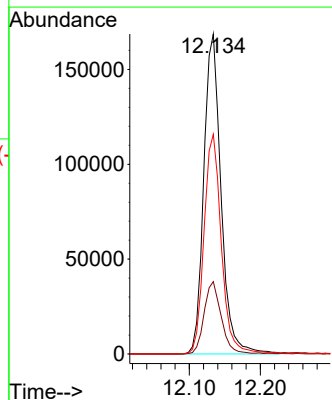
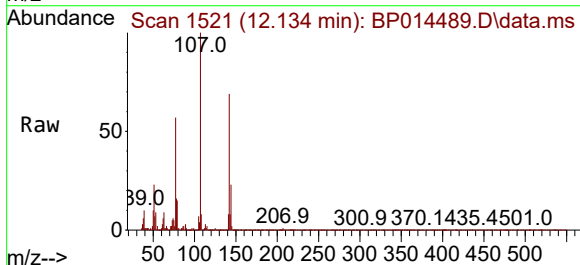
Instrument :
BNA_P
ClientSampleId :
SLCS781

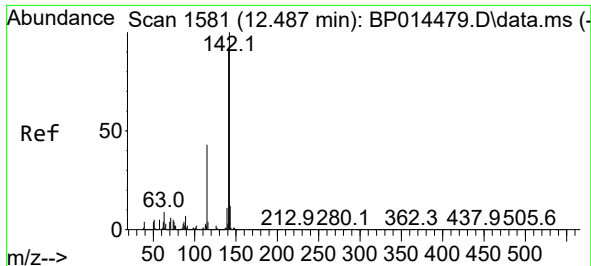
Tgt Ion:113 Resp: 74865
Ion Ratio Lower Upper
113 100
55 185.0 131.2 196.8
56 143.1 101.1 151.7



#35
4-Chloro-3-methylphenol
Concen: 33.123 ng/ul
RT: 12.134 min Scan# 1521
Delta R.T. 0.006 min
Lab File: BP014489.D
Acq: 03 Apr 2023 16:23

Tgt Ion:107 Resp: 285610
Ion Ratio Lower Upper
107 100
144 22.6 17.3 25.9
142 68.7 54.6 81.8

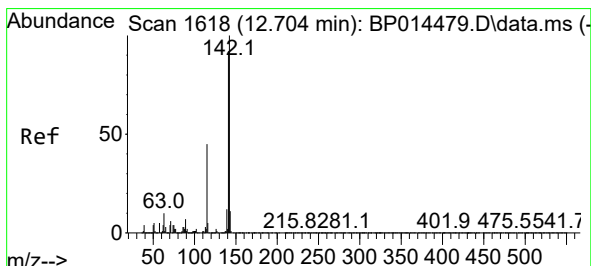
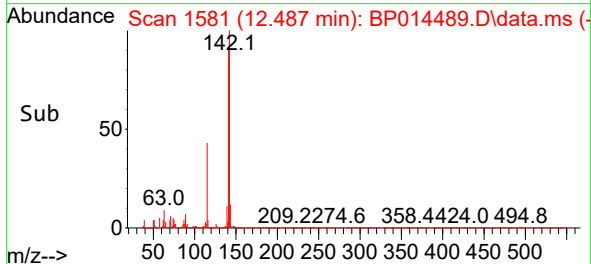
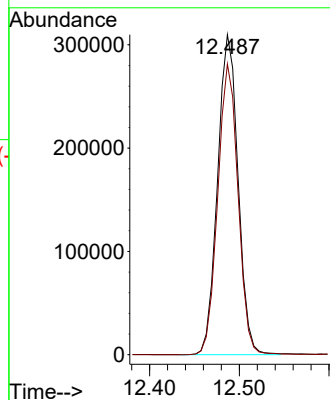
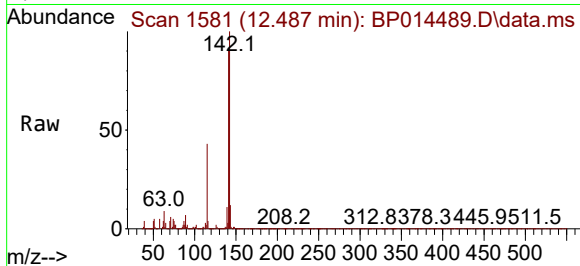




#36
2-Methylnaphthalene
Concen: 30.744 ng/ul
RT: 12.487 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BP014489.D
Acq: 03 Apr 2023 16:23

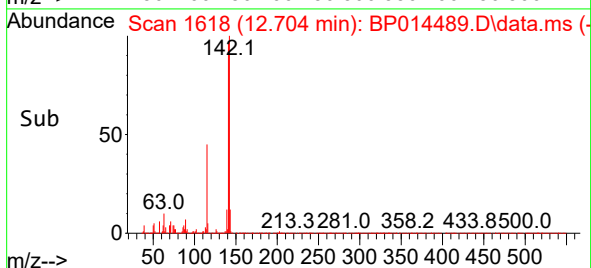
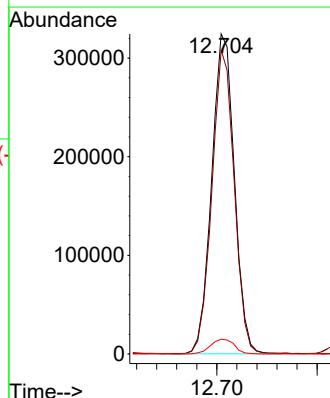
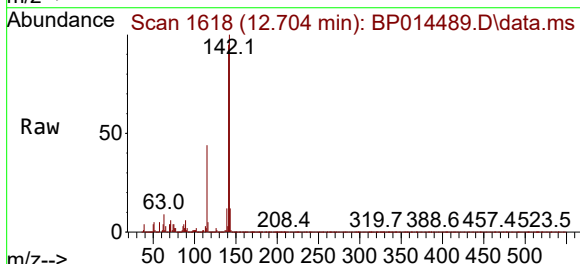
Instrument :
BNA_P
ClientSampleId :
SLCS781

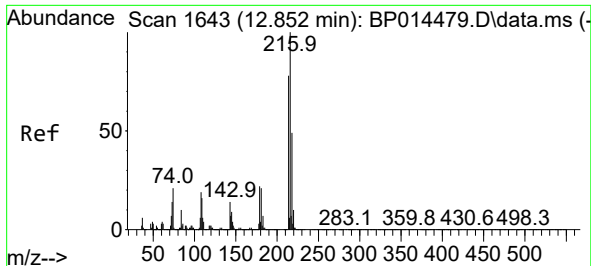
Tgt Ion:142 Resp: 491067
Ion Ratio Lower Upper
142 100
141 90.8 71.6 107.4



#37
1-Methylnaphthalene
Concen: 32.193 ng/ul
RT: 12.704 min Scan# 1618
Delta R.T. -0.006 min
Lab File: BP014489.D
Acq: 03 Apr 2023 16:23

Tgt Ion:142 Resp: 509977
Ion Ratio Lower Upper
142 100
141 95.0 76.6 114.8
116 4.6 3.6 5.4

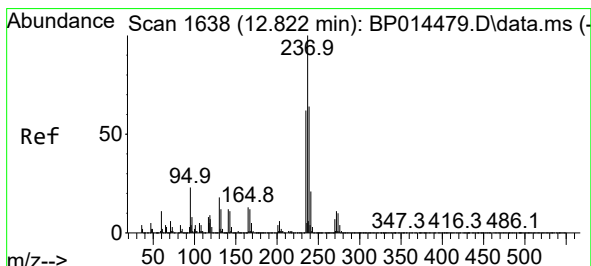
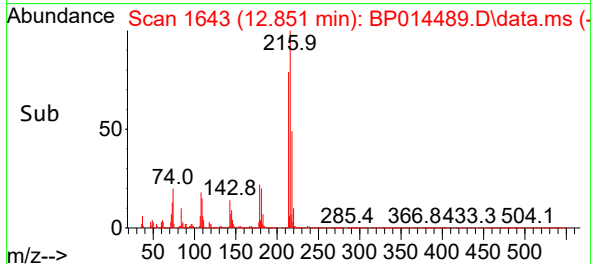
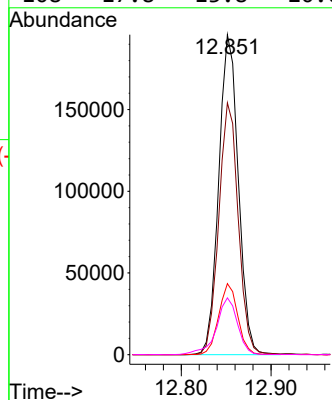
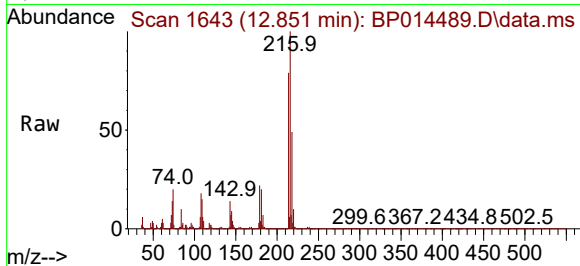




#39
1,2,4,5-Tetrachlorobenzene
Concen: 28.637 ng/ul
RT: 12.851 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP014489.D
Acq: 03 Apr 2023 16:23

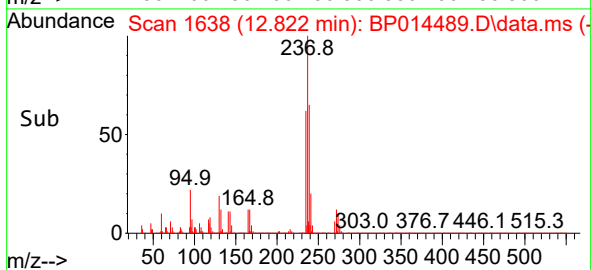
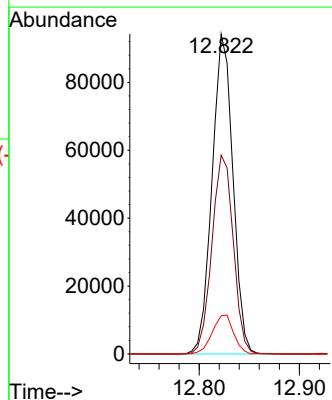
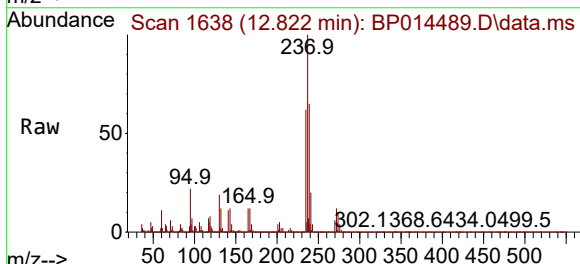
Instrument :
BNA_P
ClientSampleId :
SLCS781

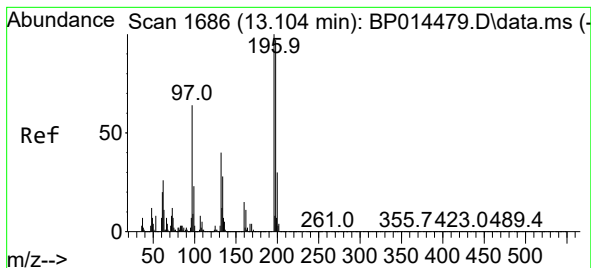
Tgt Ion:216 Resp: 297073
Ion Ratio Lower Upper
216 100
214 78.7 61.0 91.6
179 22.2 16.6 24.8
108 17.8 13.8 20.6



#40
Hexachlorocyclopentadiene
Concen: 20.254 ng/ul
RT: 12.822 min Scan# 1638
Delta R.T. -0.012 min
Lab File: BP014489.D
Acq: 03 Apr 2023 16:23

Tgt Ion:237 Resp: 136061
Ion Ratio Lower Upper
237 100
235 62.1 51.0 76.4
272 12.0 10.3 15.5





#41

2,4,6-Trichlorophenol

Concen: 30.030 ng/ul

RT: 13.104 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP014489.D

Acq: 03 Apr 2023 16:23

Instrument :

BNA_P

ClientSampleId :

SLCS781

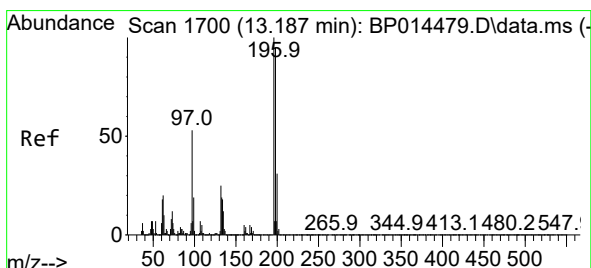
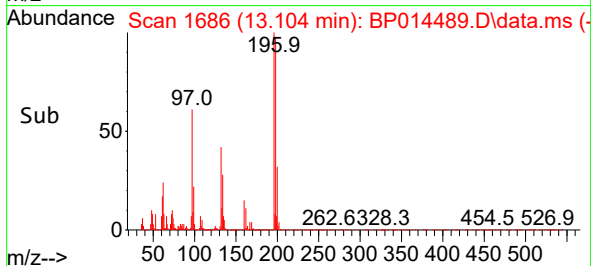
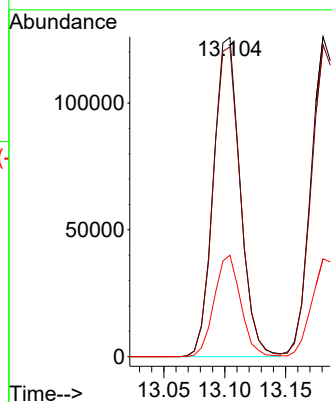
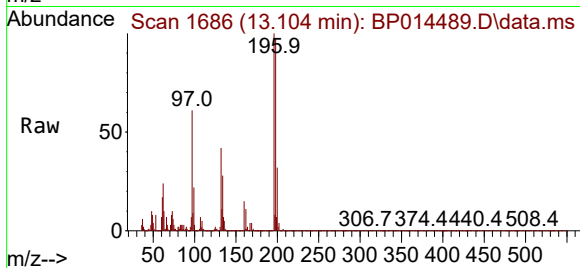
Tgt Ion:196 Resp: 192771

Ion Ratio Lower Upper

196 100

198 97.0 76.6 114.8

200 31.8 25.4 38.2



#42

2,4,5-Trichlorophenol

Concen: 31.271 ng/ul

RT: 13.181 min Scan# 1699

Delta R.T. -0.000 min

Lab File: BP014489.D

Acq: 03 Apr 2023 16:23

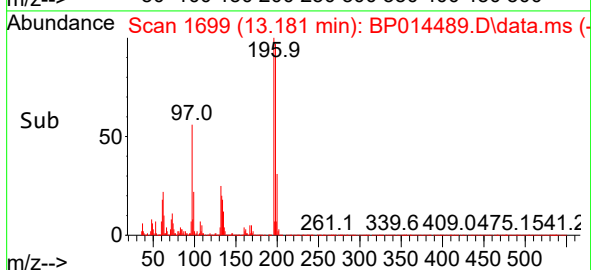
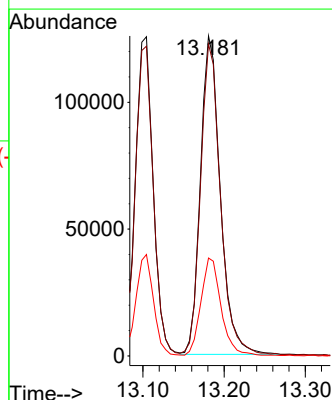
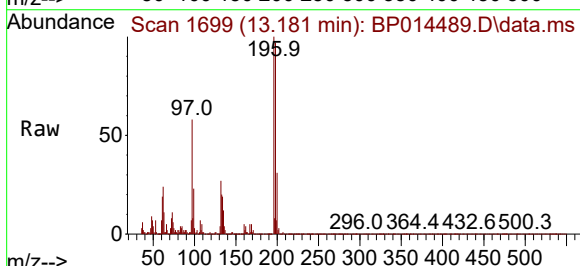
Tgt Ion:196 Resp: 213700

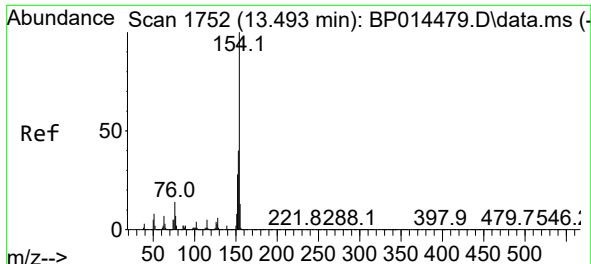
Ion Ratio Lower Upper

196 100

198 97.4 79.8 119.8

200 30.6 25.6 38.4

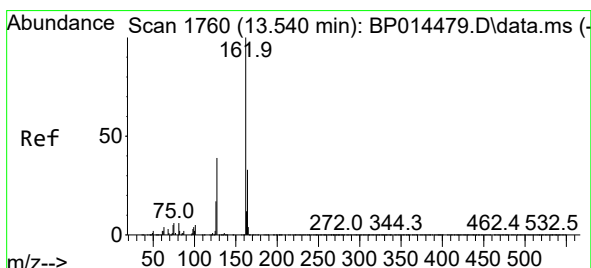
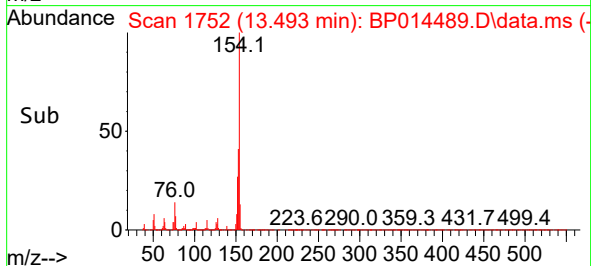
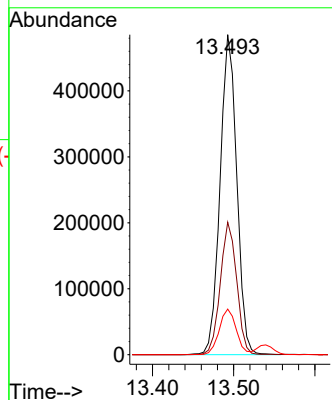
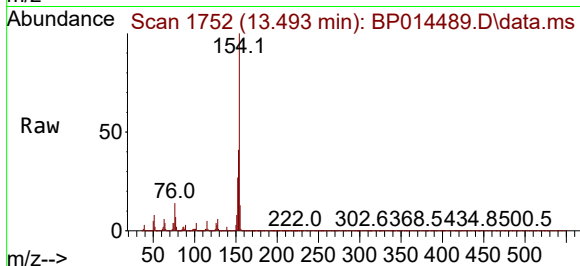




#43
1,1'-Biphenyl
Concen: 29.541 ng/ul
RT: 13.493 min Scan# 1752
Delta R.T. -0.006 min
Lab File: BP014489.D
Acq: 03 Apr 2023 16:23

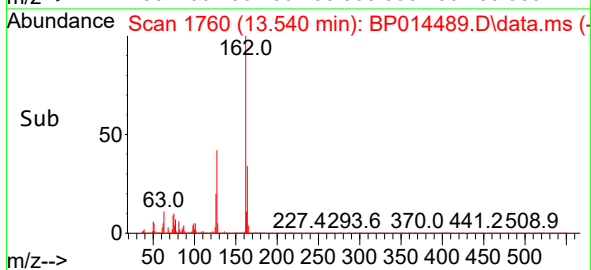
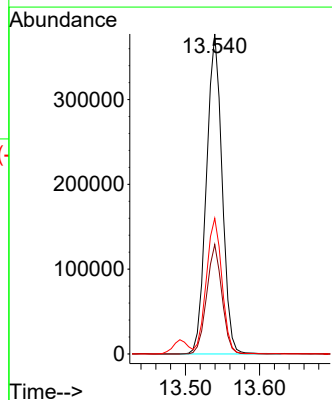
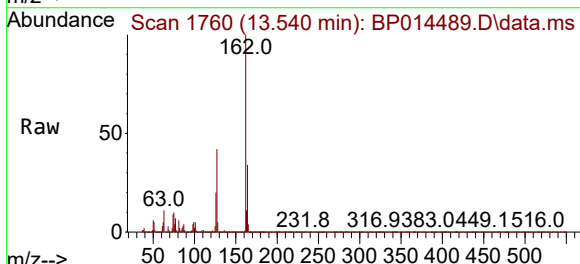
Instrument :
BNA_P
ClientSampleId :
SLCS781

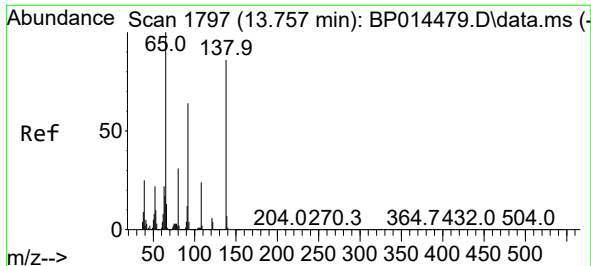
Tgt Ion:154 Resp: 694412
Ion Ratio Lower Upper
154 100
153 41.4 32.4 48.6
76 14.2 10.7 16.1



#44
2-Chloronaphthalene
Concen: 29.792 ng/ul
RT: 13.540 min Scan# 1760
Delta R.T. -0.006 min
Lab File: BP014489.D
Acq: 03 Apr 2023 16:23

Tgt Ion:162 Resp: 553723
Ion Ratio Lower Upper
162 100
164 34.2 26.1 39.1
127 42.4 33.7 50.5

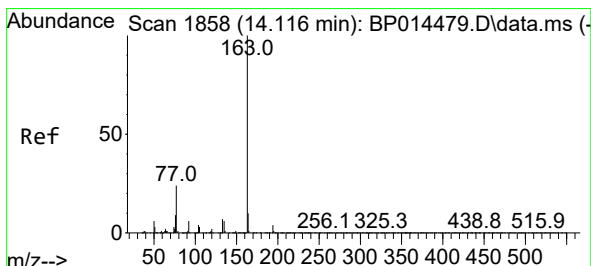
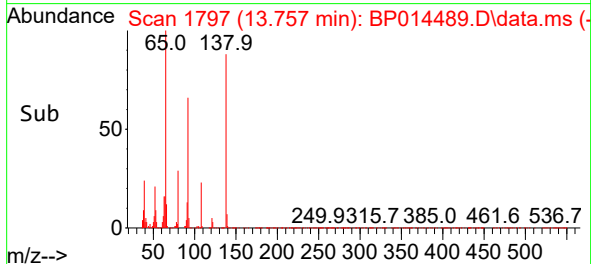
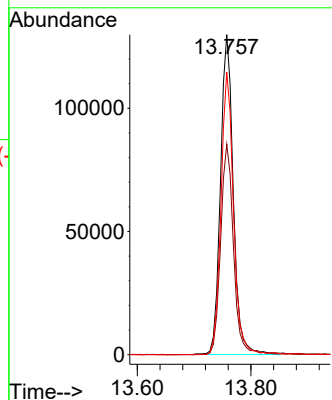
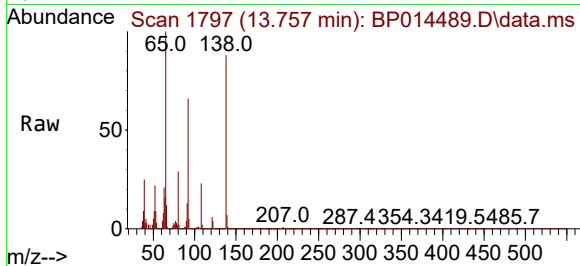




#45
2-Nitroaniline
Concen: 35.378 ng/ul
RT: 13.757 min Scan# 1797
Delta R.T. -0.000 min
Lab File: BP014489.D
Acq: 03 Apr 2023 16:23

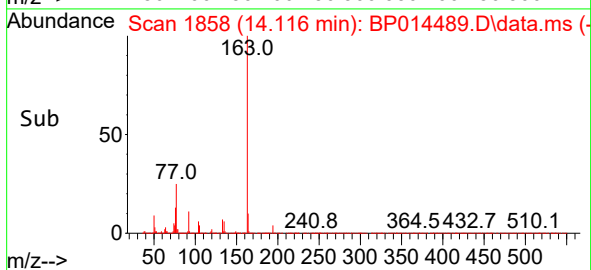
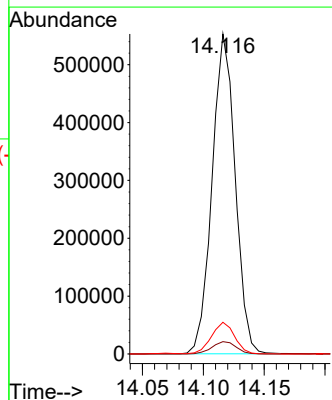
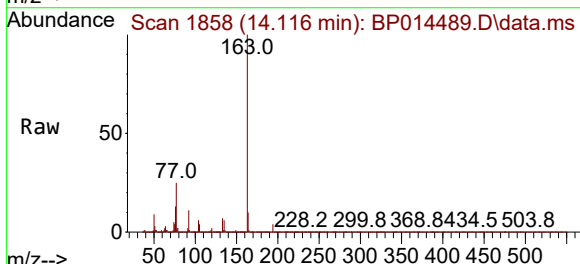
Instrument :
BNA_P
ClientSampleId :
SLCS781

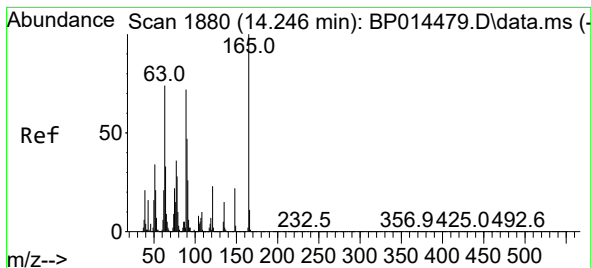
Tgt Ion: 65 Resp: 203633
Ion Ratio Lower Upper
65 100
92 65.7 53.7 80.5
138 88.3 71.7 107.5



#47
Dimethylphthalate
Concen: 30.938 ng/ul
RT: 14.116 min Scan# 1858
Delta R.T. -0.006 min
Lab File: BP014489.D
Acq: 03 Apr 2023 16:23

Tgt Ion:163 Resp: 729747
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.9 7.8 11.8





#48

2,6-Dinitrotoluene

Concen: 32.994 ng/ul

RT: 14.245 min Scan# 1880

Delta R.T. -0.006 min

Lab File: BP014489.D

Acq: 03 Apr 2023 16:23

Instrument :

BNA_P

ClientSampleId :

SLCS781

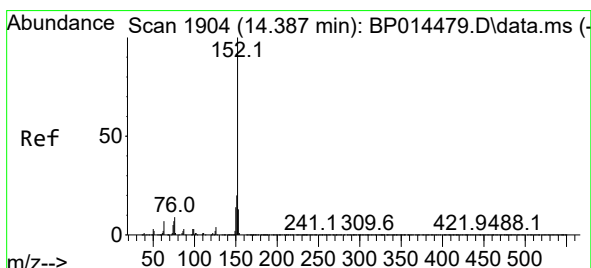
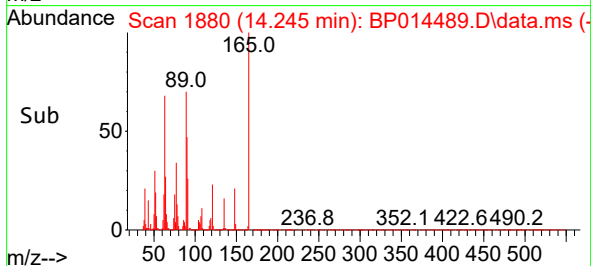
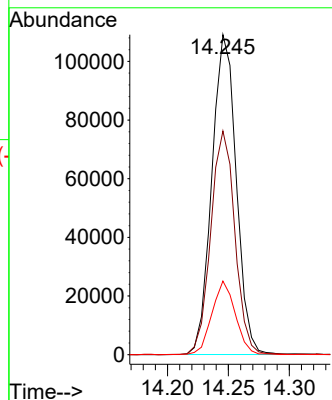
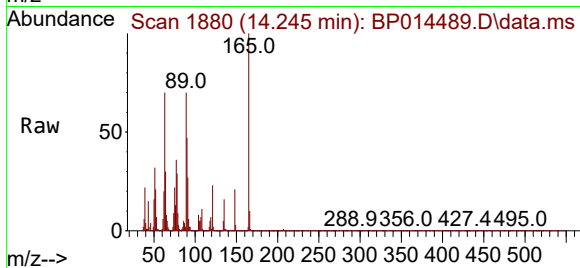
Tgt Ion:165 Resp: 152051

Ion Ratio Lower Upper

165 100

89 69.9 52.7 79.1

121 23.0 17.9 26.9



#50

Acenaphthylene

Concen: 31.522 ng/ul

RT: 14.387 min Scan# 1904

Delta R.T. -0.006 min

Lab File: BP014489.D

Acq: 03 Apr 2023 16:23

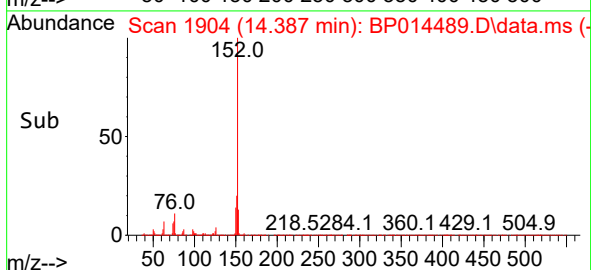
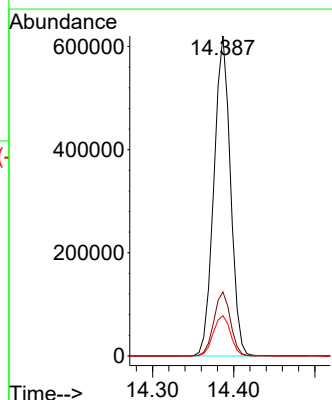
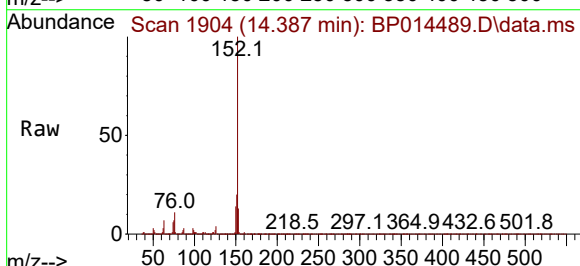
Tgt Ion:152 Resp: 878761

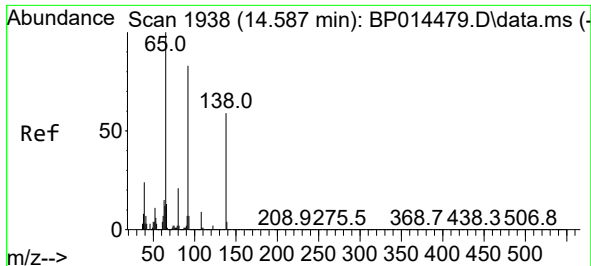
Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.4

153 12.6 10.2 15.4

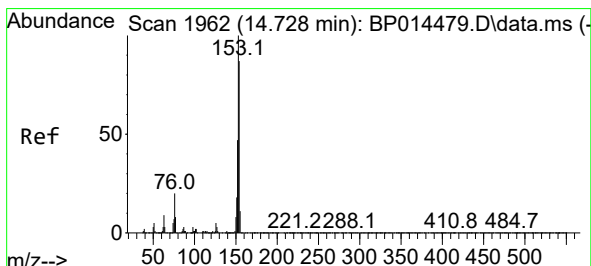
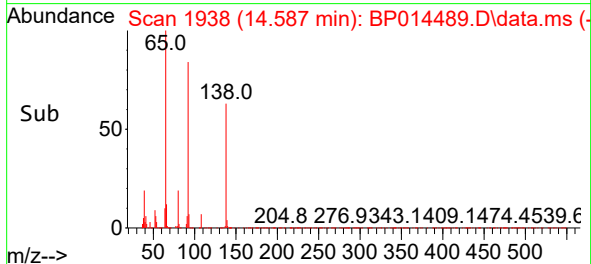
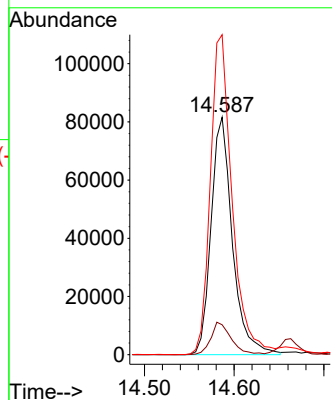
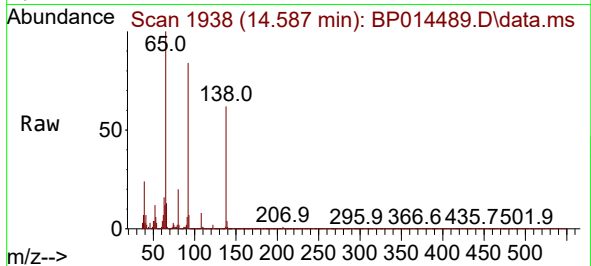




#51
3-Nitroaniline
Concen: 32.600 ng/ul
RT: 14.587 min Scan# 1938
Delta R.T. -0.000 min
Lab File: BP014489.D
Acq: 03 Apr 2023 16:23

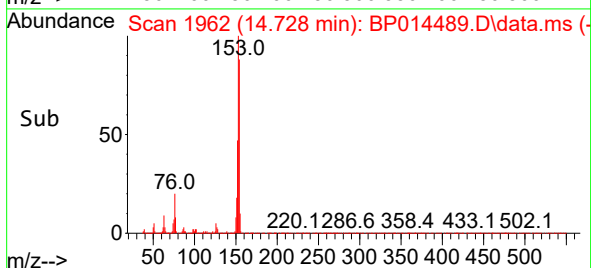
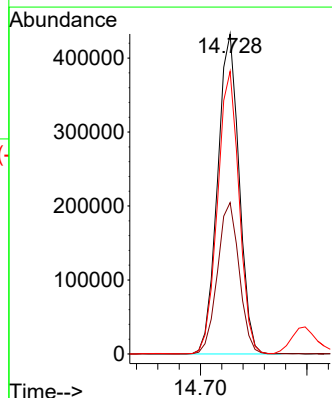
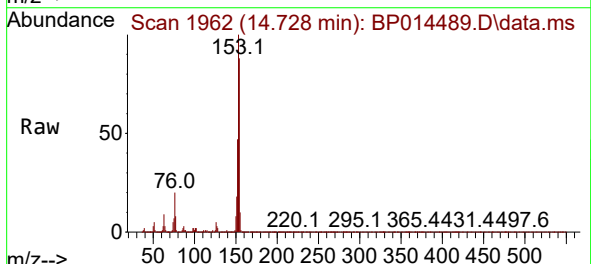
Instrument :
BNA_P
ClientSampleId :
SLCS781

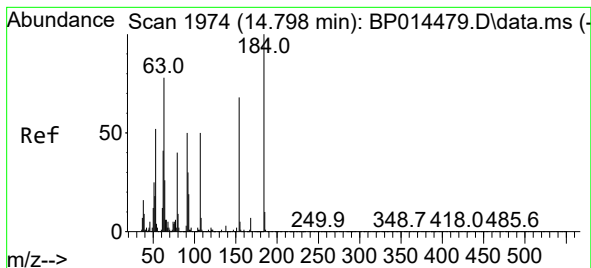
Tgt Ion:138 Resp: 134592
Ion Ratio Lower Upper
138 100
108 12.6 9.9 14.9
92 134.8 107.6 161.4



#52
Acenaphthene
Concen: 30.821 ng/ul
RT: 14.728 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BP014489.D
Acq: 03 Apr 2023 16:23

Tgt Ion:153 Resp: 607171
Ion Ratio Lower Upper
153 100
152 47.3 38.2 57.4
154 88.3 70.2 105.2





#53

2,4-Dinitrophenol

Concen: 30.613 ng/ul

RT: 14.798 min Scan# 1974

Delta R.T. -0.000 min

Lab File: BP014489.D

Acq: 03 Apr 2023 16:23

Instrument :

BNA_P

ClientSampleId :

SLCS781

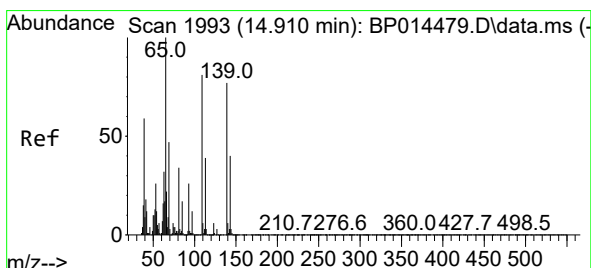
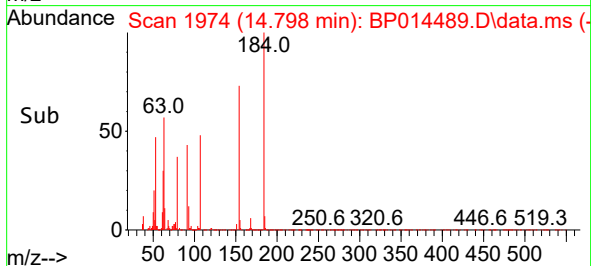
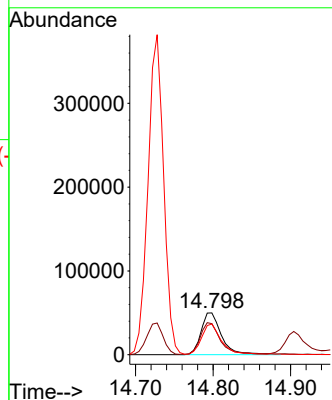
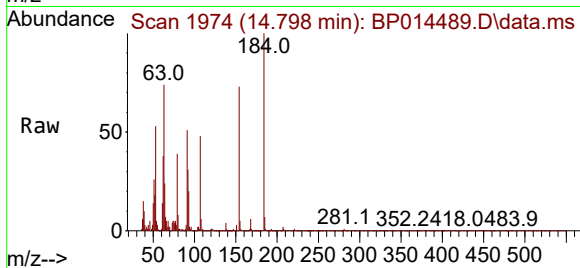
Tgt Ion:184 Resp: 91357

Ion Ratio Lower Upper

184 100

63 74.1 57.1 85.7

154 73.4 55.3 82.9



#55

4-Nitrophenol

Concen: 35.857 ng/ul

RT: 14.904 min Scan# 1992

Delta R.T. 0.012 min

Lab File: BP014489.D

Acq: 03 Apr 2023 16:23

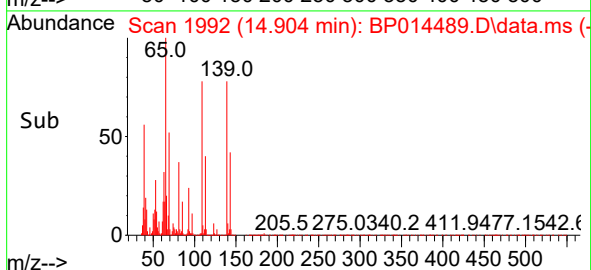
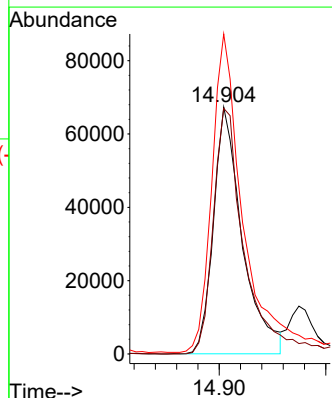
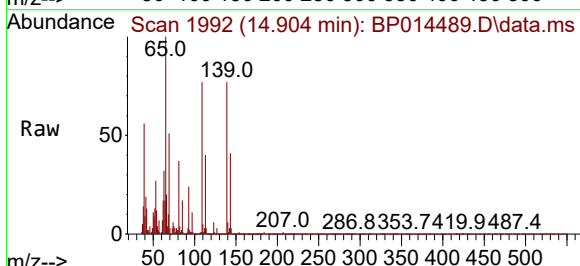
Tgt Ion:109 Resp: 126122

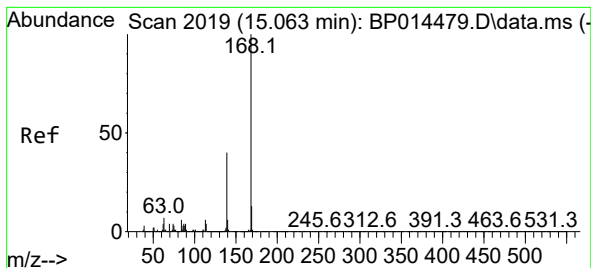
Ion Ratio Lower Upper

109 100

139 99.4 77.4 116.2

65 129.6 97.3 145.9

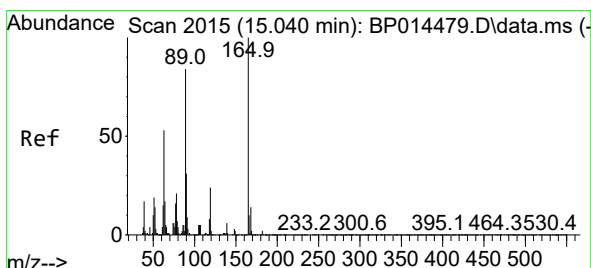
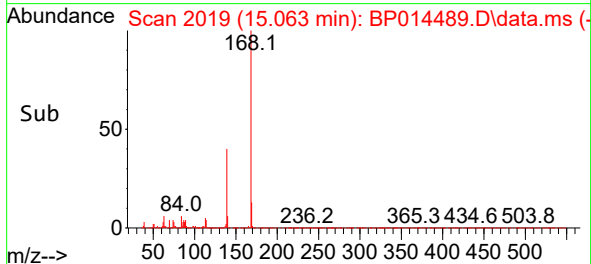
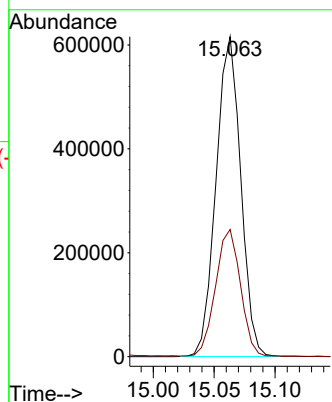
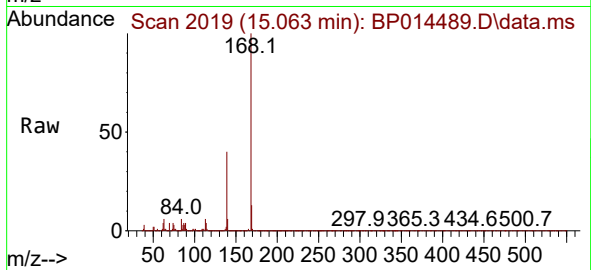




#56
Dibenzofuran
Concen: 31.360 ng/ul
RT: 15.063 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BP014489.D
Acq: 03 Apr 2023 16:23

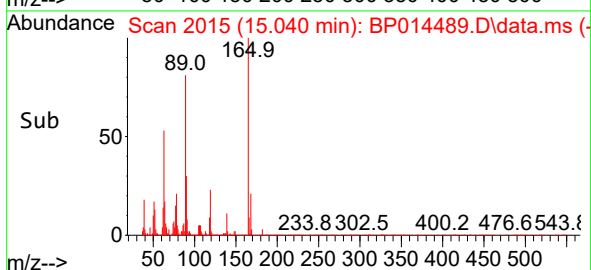
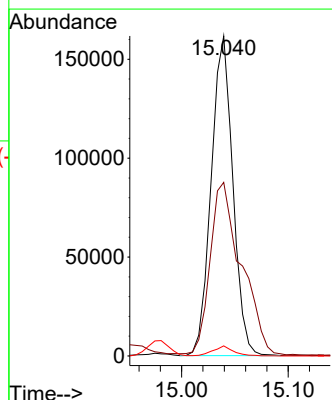
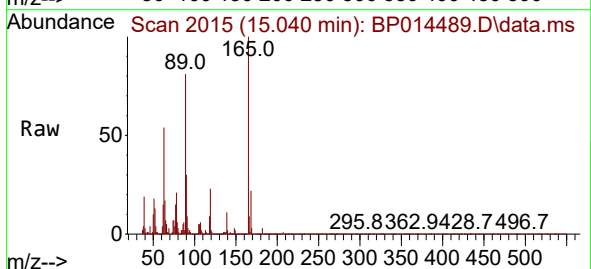
Instrument :
BNA_P
ClientSampleId :
SLCS781

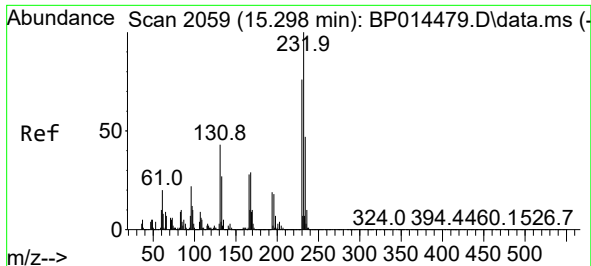
Tgt Ion:168 Resp: 868469
Ion Ratio Lower Upper
168 100
139 39.7 32.1 48.1



#57
2,4-Dinitrotoluene
Concen: 34.836 ng/ul
RT: 15.040 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BP014489.D
Acq: 03 Apr 2023 16:23

Tgt Ion:165 Resp: 227721
Ion Ratio Lower Upper
165 100
63 54.3 41.6 62.4
182 3.1 2.4 3.6

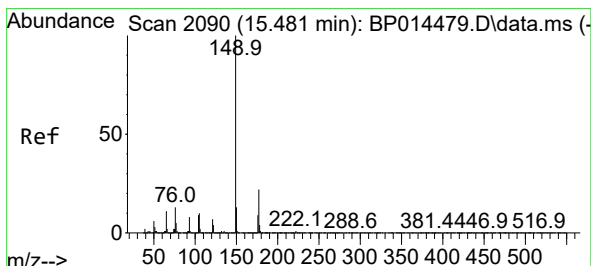
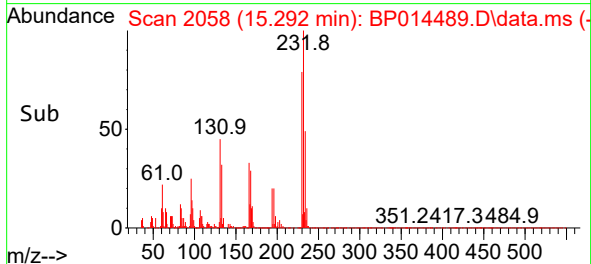
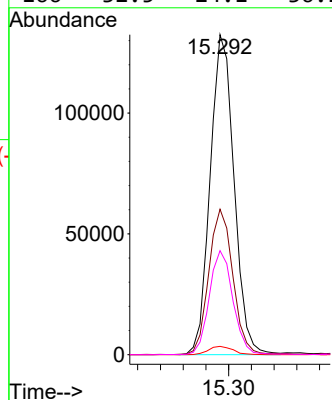
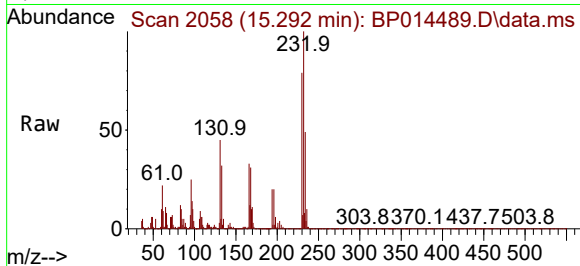




#58
2,3,4,6-Tetrachlorophenol
Concen: 31.520 ng/ul
RT: 15.292 min Scan# 2058
Delta R.T. -0.006 min
Lab File: BP014489.D
Acq: 03 Apr 2023 16:23

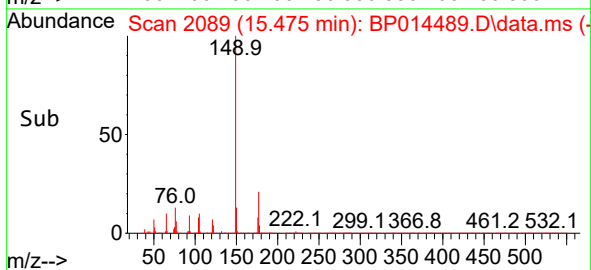
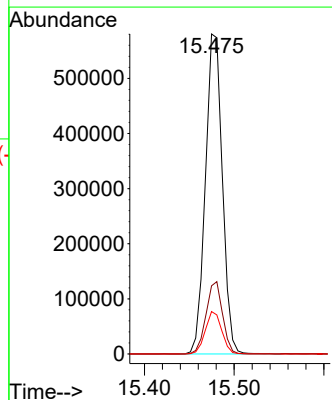
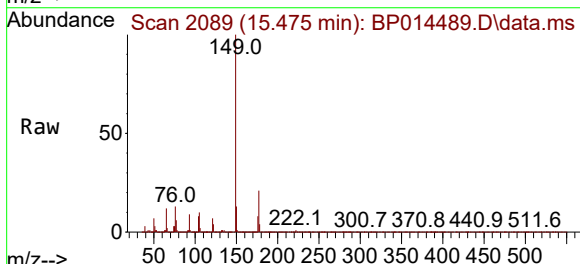
Instrument :
BNA_P
ClientSampleId :
SLCS781

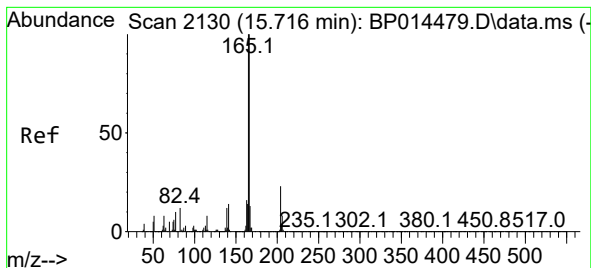
Tgt Ion:232	Resp:	193599
Ion Ratio	Lower	Upper
232	100	
131	45.4	35.0 52.4
130	2.6	1.9 2.9
166	32.5	24.1 36.1



#59
Diethylphthalate
Concen: 32.554 ng/ul
RT: 15.475 min Scan# 2089
Delta R.T. -0.006 min
Lab File: BP014489.D
Acq: 03 Apr 2023 16:23

Tgt Ion:149	Resp:	763050
Ion Ratio	Lower	Upper
149	100	
177	21.3	18.2 27.2
150	13.3	9.8 14.8





#61

Fluorene

Concen: 32.529 ng/ul

RT: 15.716 min Scan# 2130

Delta R.T. -0.006 min

Lab File: BP014489.D

Acq: 03 Apr 2023 16:23

Instrument :

BNA_P

ClientSampleId :

SLCS781

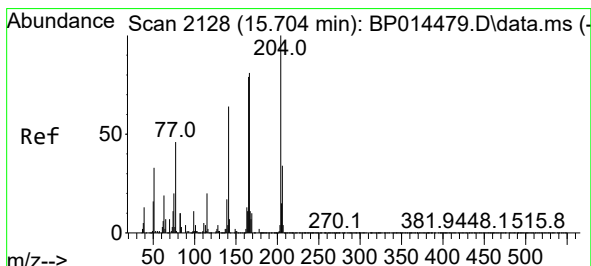
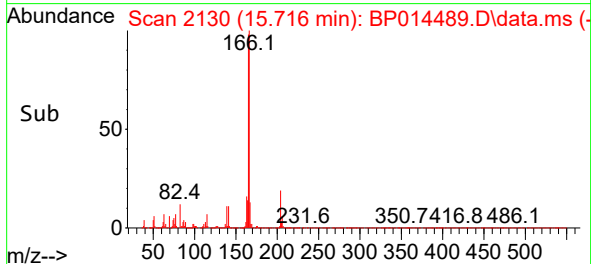
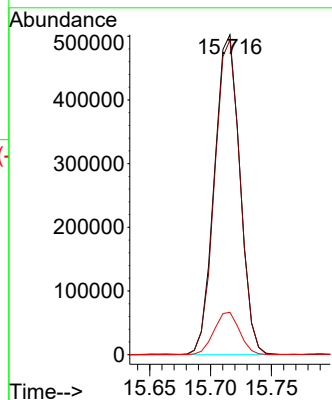
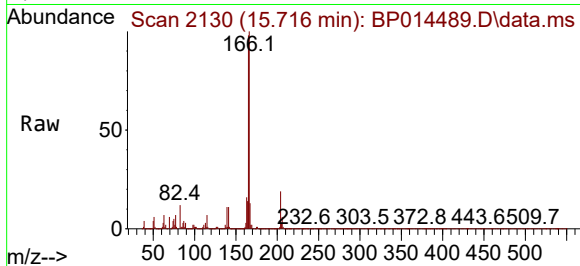
Tgt Ion:166 Resp: 730170

Ion Ratio Lower Upper

166 100

165 98.3 79.2 118.8

167 13.3 11.0 16.4



#62

4-Chlorophenyl-phenylether

Concen: 31.499 ng/ul

RT: 15.704 min Scan# 2128

Delta R.T. -0.006 min

Lab File: BP014489.D

Acq: 03 Apr 2023 16:23

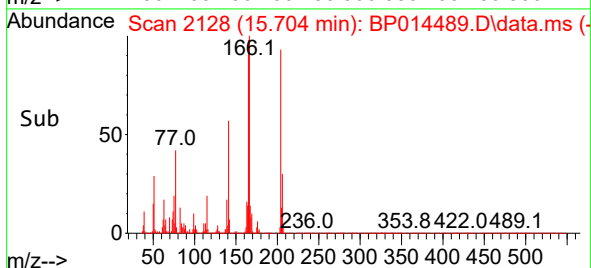
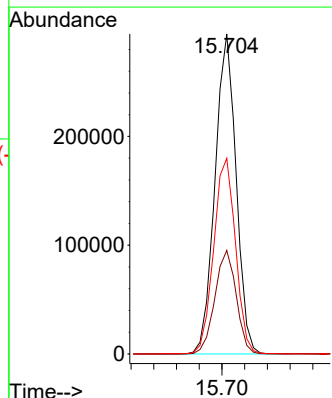
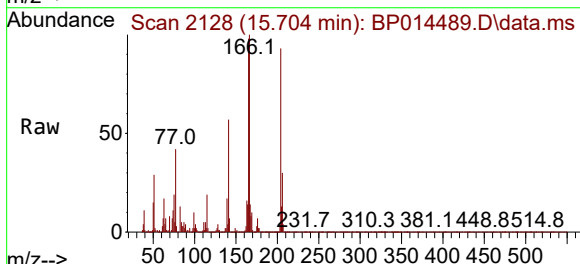
Tgt Ion:204 Resp: 379872

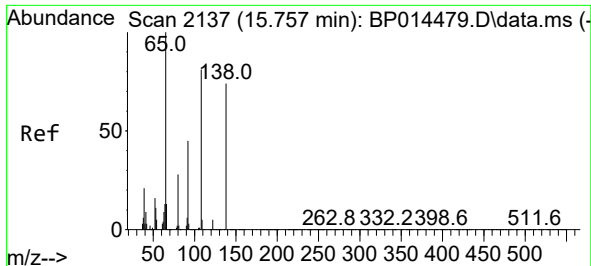
Ion Ratio Lower Upper

204 100

206 32.4 26.9 40.3

141 61.2 51.3 76.9

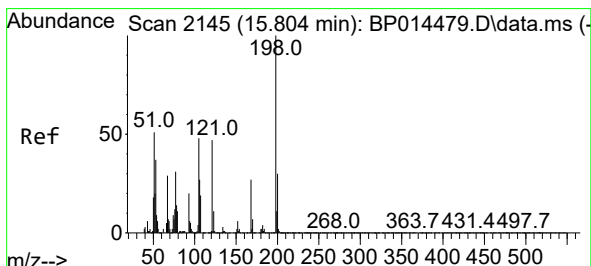
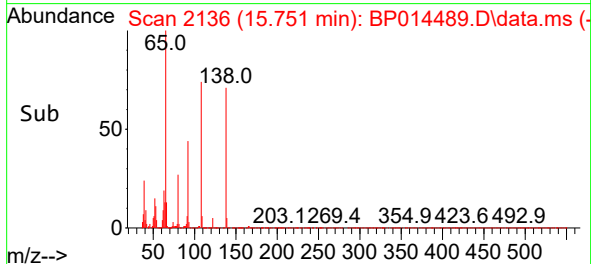
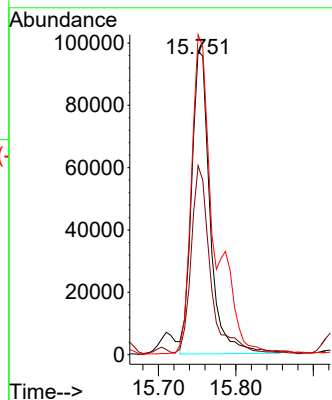
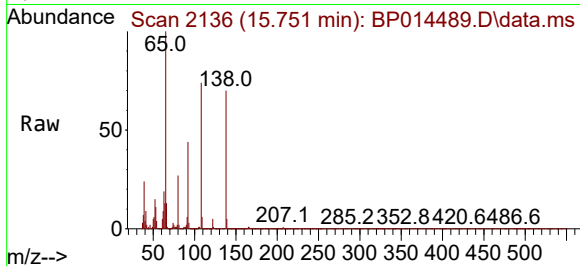




#63
4-Nitroaniline
Concen: 47.958 ng/ul
RT: 15.751 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BP014489.D
Acq: 03 Apr 2023 16:23

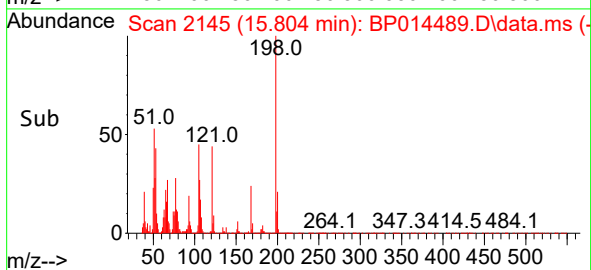
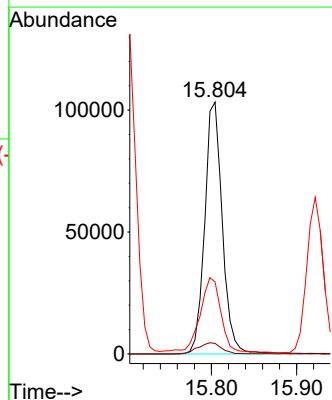
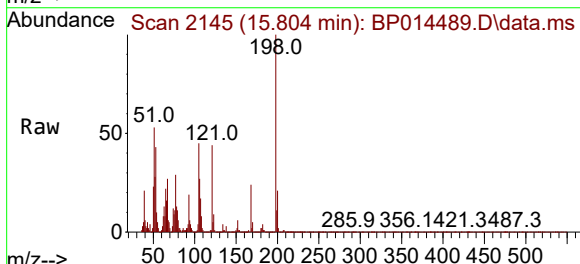
Instrument :
BNA_P
ClientSampleId :
SLCS781

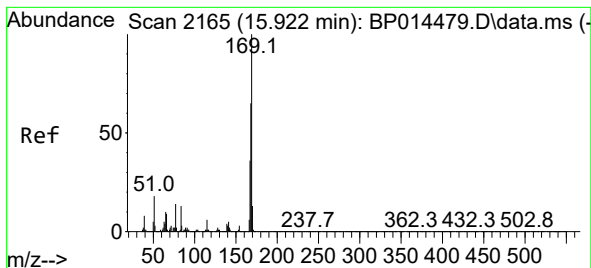
Tgt Ion:138 Resp: 160874
Ion Ratio Lower Upper
138 100
92 62.2 47.8 71.6
108 105.3 82.3 123.5



#66
4,6-Dinitro-2-methylphenol
Concen: 29.623 ng/ul
RT: 15.804 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BP014489.D
Acq: 03 Apr 2023 16:23

Tgt Ion:198 Resp: 148215
Ion Ratio Lower Upper
198 100
182 4.2 3.5 5.3
77 28.6 24.4 36.6





#67

N-Nitrosodiphenylamine

Concen: 28.669 ng/ul

RT: 15.922 min Scan# 2165

Delta R.T. -0.006 min

Lab File: BP014489.D

Acq: 03 Apr 2023 16:23

Instrument :

BNA_P

ClientSampleId :

SLCS781

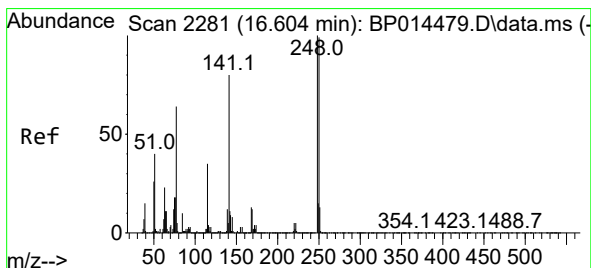
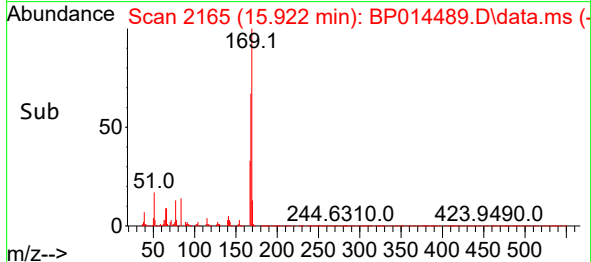
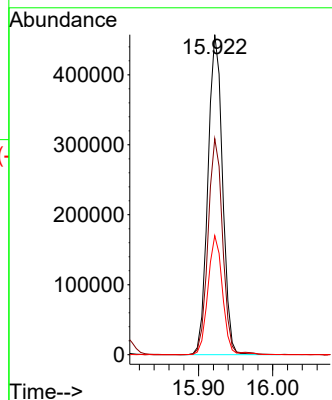
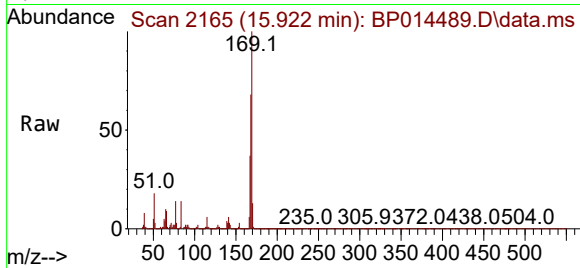
Tgt Ion:169 Resp: 625866

Ion Ratio Lower Upper

169 100

168 67.5 54.2 81.2

167 37.2 29.4 44.2



#68

4-Bromophenyl-phenylether

Concen: 27.661 ng/ul

RT: 16.604 min Scan# 2281

Delta R.T. -0.006 min

Lab File: BP014489.D

Acq: 03 Apr 2023 16:23

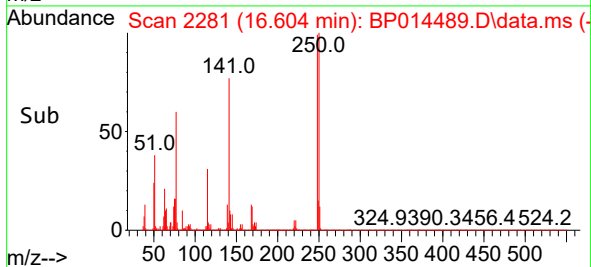
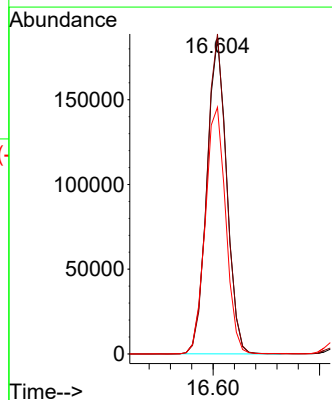
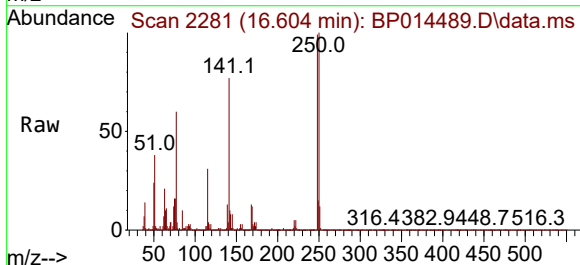
Tgt Ion:248 Resp: 241514

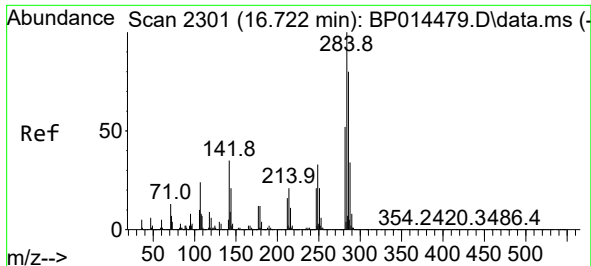
Ion Ratio Lower Upper

248 100

250 101.0 78.1 117.1

141 77.8 66.0 99.0

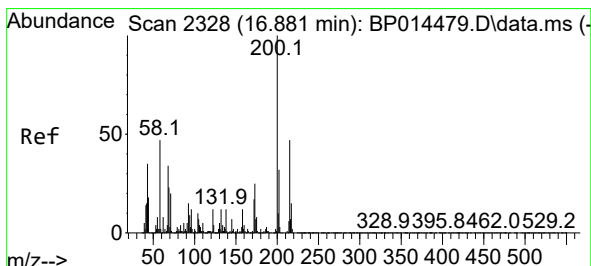
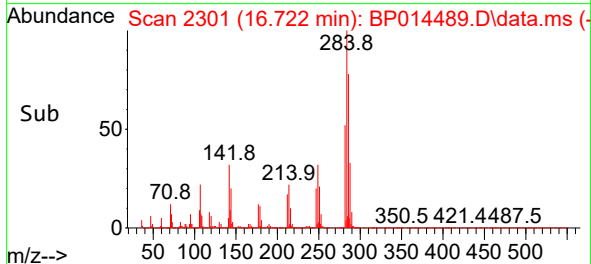
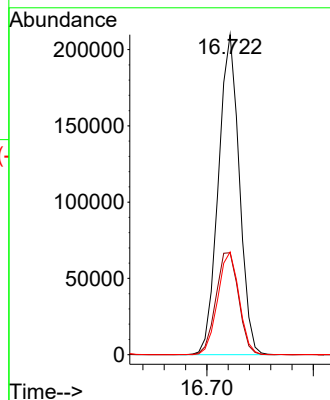
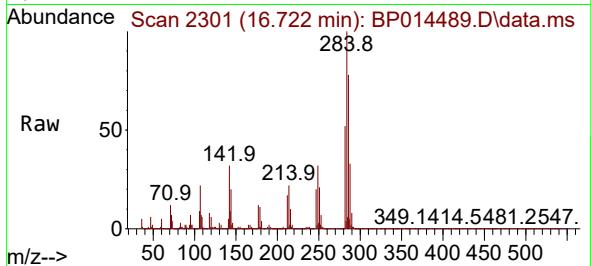




#69
Hexachlorobenzene
Concen: 28.437 ng/ul
RT: 16.722 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP014489.D
Acq: 03 Apr 2023 16:23

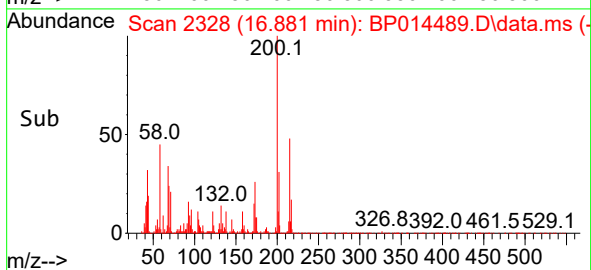
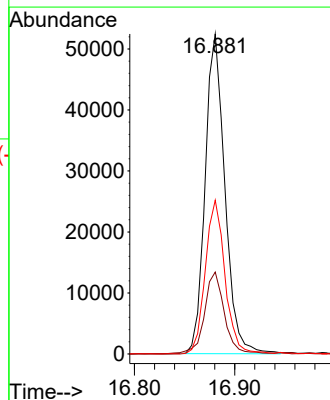
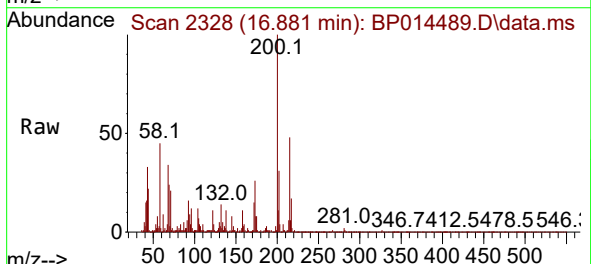
Instrument :
BNA_P
ClientSampleId :
SLCS781

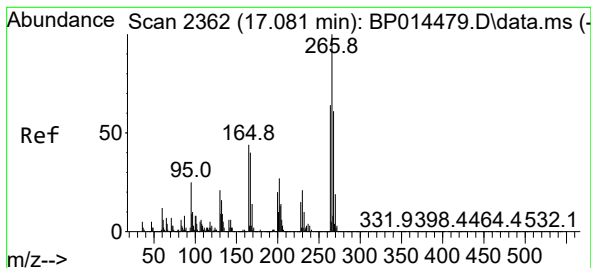
Tgt Ion:284 Resp: 285196
Ion Ratio Lower Upper
284 100
142 31.9 26.6 39.8
249 32.1 25.7 38.5



#70
Atrazine
Concen: 9.061 ng/ul
RT: 16.881 min Scan# 2328
Delta R.T. -0.000 min
Lab File: BP014489.D
Acq: 03 Apr 2023 16:23

Tgt Ion:200 Resp: 72010
Ion Ratio Lower Upper
200 100
173 25.6 20.6 30.8
215 48.0 37.2 55.8





#71

Pentachlorophenol

Concen: 27.791 ng/ul

RT: 17.075 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP014489.D

Acq: 03 Apr 2023 16:23

Instrument :

BNA_P

ClientSampleId :

SLCS781

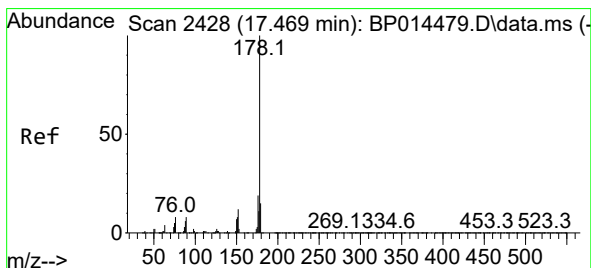
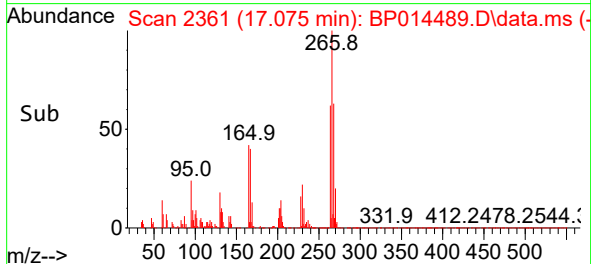
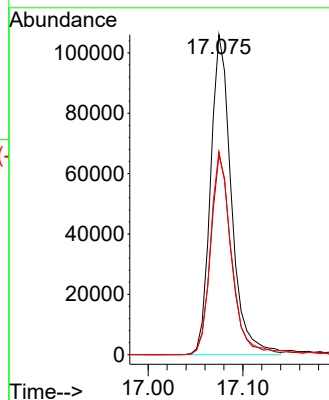
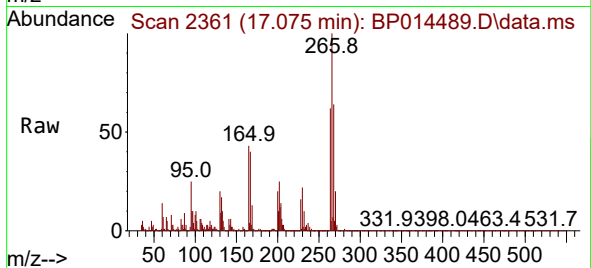
Tgt Ion:266 Resp: 161469

Ion Ratio Lower Upper

266 100

264 62.4 51.0 76.4

268 63.5 51.4 77.2



#72

Phenanthrene

Concen: 31.007 ng/ul

RT: 17.469 min Scan# 2428

Delta R.T. -0.006 min

Lab File: BP014489.D

Acq: 03 Apr 2023 16:23

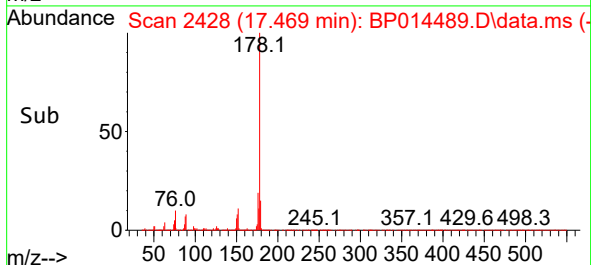
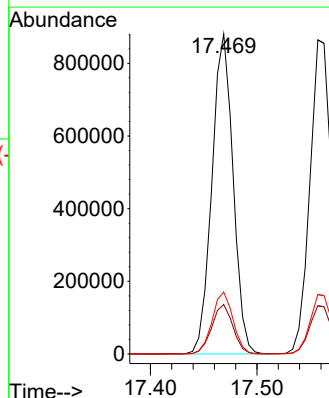
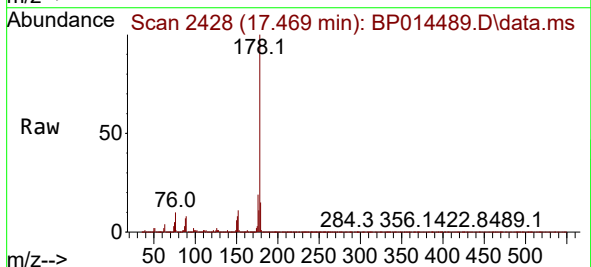
Tgt Ion:178 Resp: 1210379

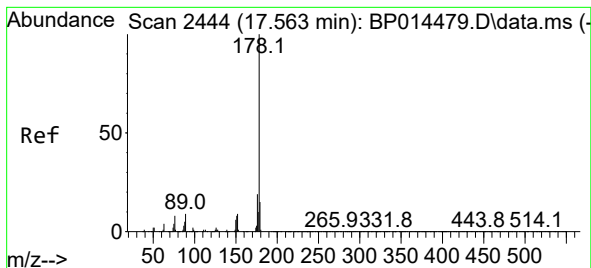
Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.4

176 19.4 15.3 22.9





#74

Anthracene

Concen: 31.445 ng/uI

RT: 17.557 min Scan# 2444

Delta R.T. -0.006 min

Lab File: BP014489.D

Acq: 03 Apr 2023 16:23

Instrument :

BNA_P

ClientSampleId :

SLCS781

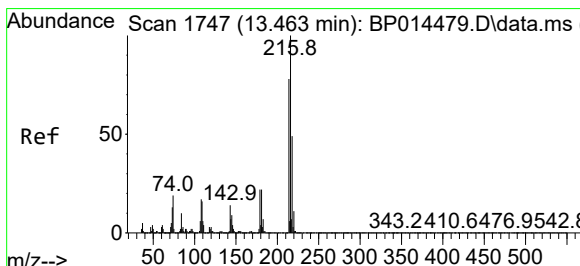
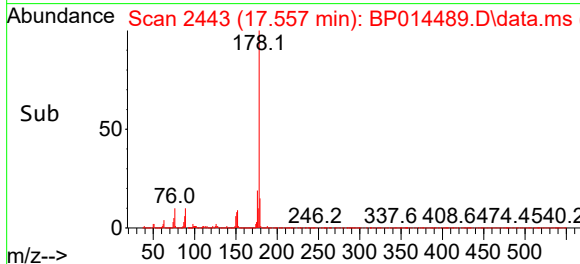
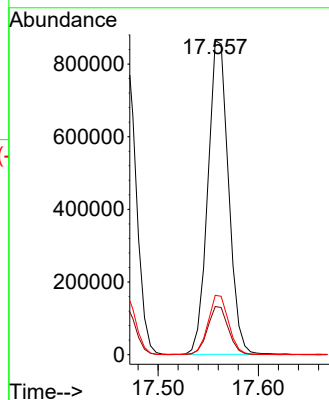
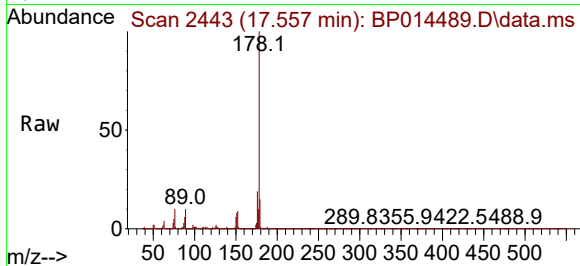
Tgt Ion:178 Resp: 1237150

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.4

176 18.9 14.9 22.3



#75

1,2,3,4-Tetrachlorobenzene

Concen: 24.439 ng/uI

RT: 13.463 min Scan# 1747

Delta R.T. -0.006 min

Lab File: BP014489.D

Acq: 03 Apr 2023 16:23

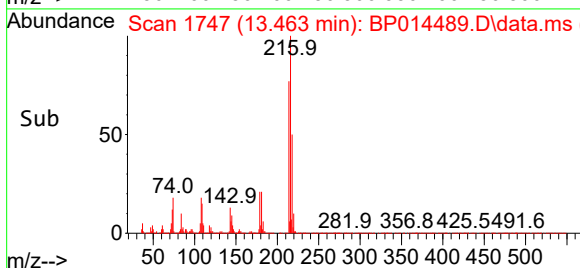
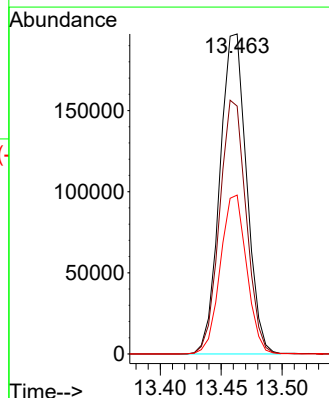
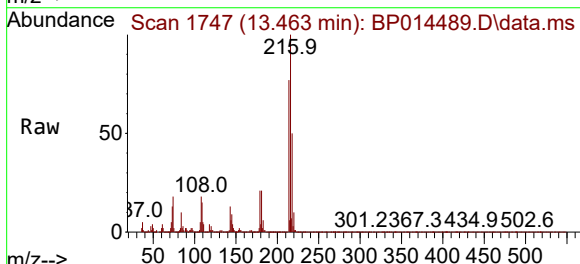
Tgt Ion:216 Resp: 301850

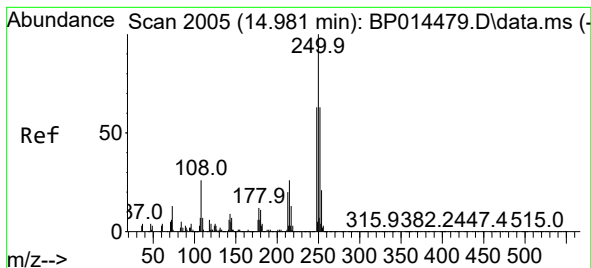
Ion Ratio Lower Upper

216 100

214 77.5 61.0 91.6

218 49.6 38.7 58.1





#76

Pentachlorobenzene

Concen: 26.324 ng/uL

RT: 14.981 min Scan# 2005

Delta R.T. -0.006 min

Lab File: BP014489.D

Acq: 03 Apr 2023 16:23

Instrument :

BNA_P

ClientSampleId :

SLCS781

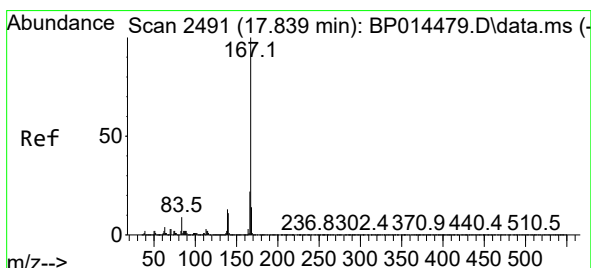
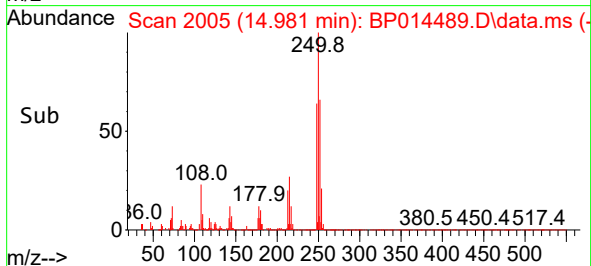
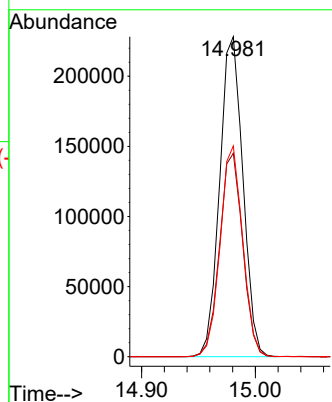
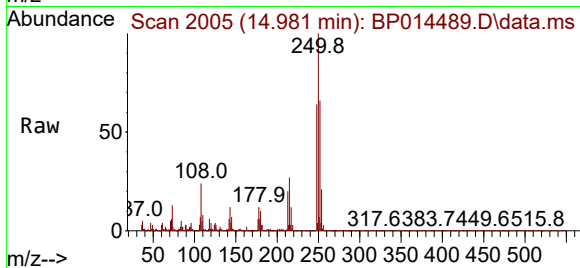
Tgt Ion:250 Resp: 324415

Ion Ratio Lower Upper

250 100

248 63.6 49.0 73.6

252 65.9 50.7 76.1



#77

Carbazole

Concen: 35.265 ng/uL

RT: 17.833 min Scan# 2490

Delta R.T. -0.006 min

Lab File: BP014489.D

Acq: 03 Apr 2023 16:23

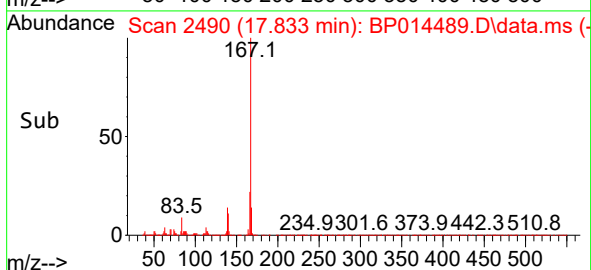
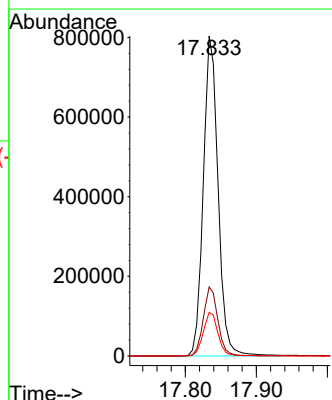
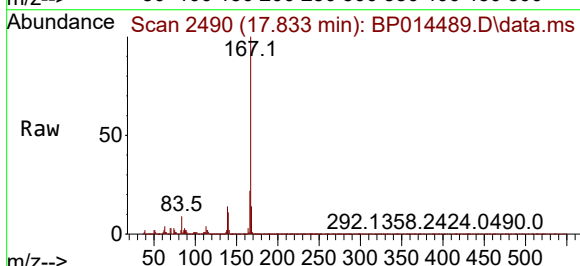
Tgt Ion:167 Resp: 1161068

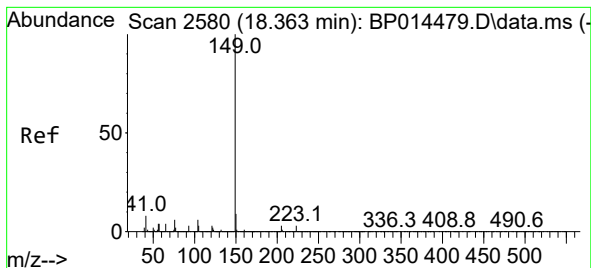
Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.2

139 13.6 11.3 16.9





#78

Di-n-butylphthalate

Concen: 34.274 ng/ul

RT: 18.363 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP014489.D

Acq: 03 Apr 2023 16:23

Instrument :

BNA_P

ClientSampleId :

SLCS781

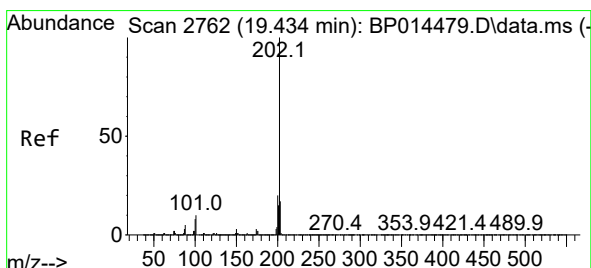
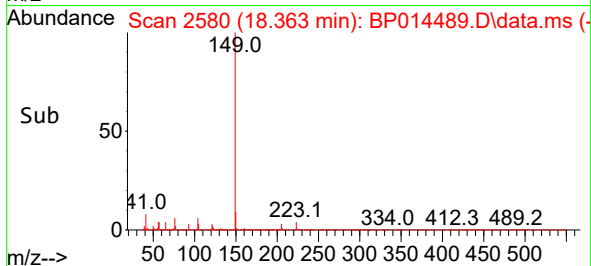
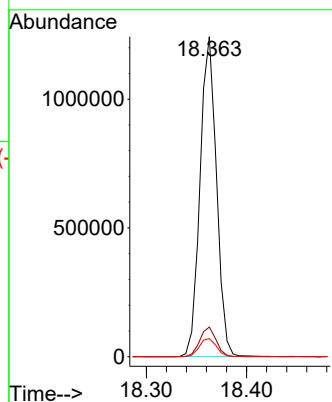
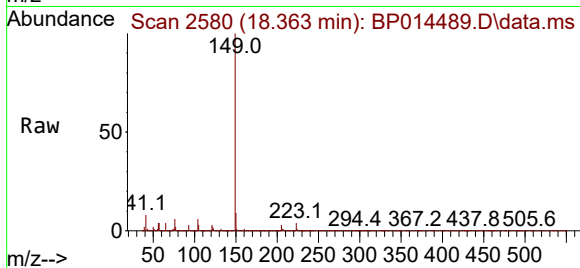
Tgt Ion:149 Resp: 1418893

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 5.7 4.8 7.2



#80

Fluoranthene

Concen: 24.228 ng/ul

RT: 19.428 min Scan# 2761

Delta R.T. -0.006 min

Lab File: BP014489.D

Acq: 03 Apr 2023 16:23

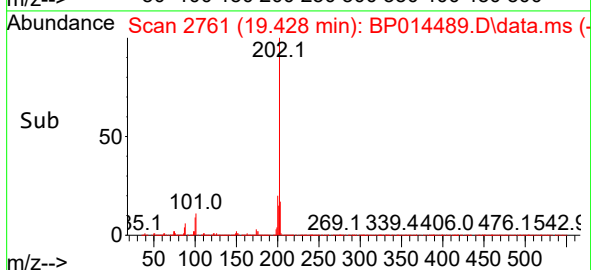
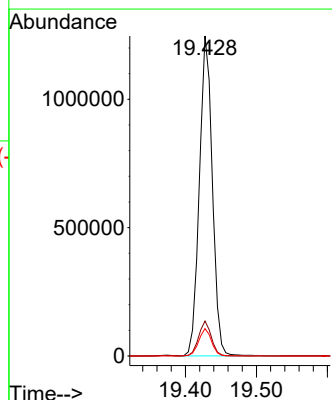
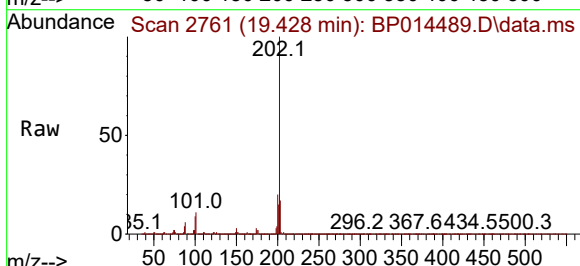
Tgt Ion:202 Resp: 1589584

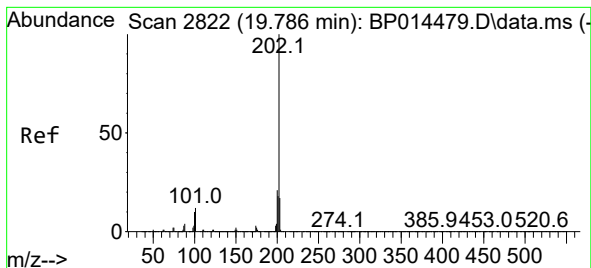
Ion Ratio Lower Upper

202 100

101 10.9 8.2 12.2

100 8.6 6.4 9.6





#82

Pyrene

Concen: 24.567 ng/ul

RT: 19.780 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP014489.D

Acq: 03 Apr 2023 16:23

Instrument :

BNA_P

ClientSampleId :

SLCS781

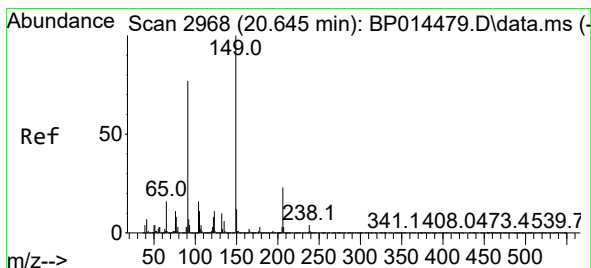
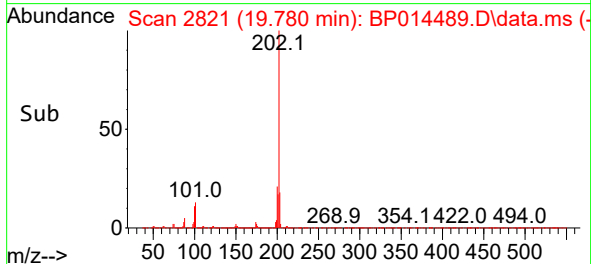
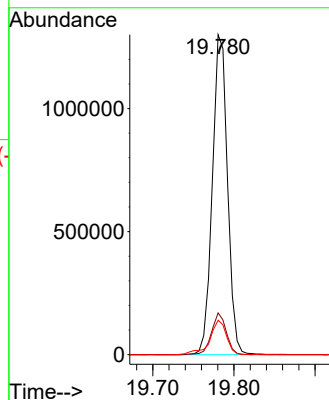
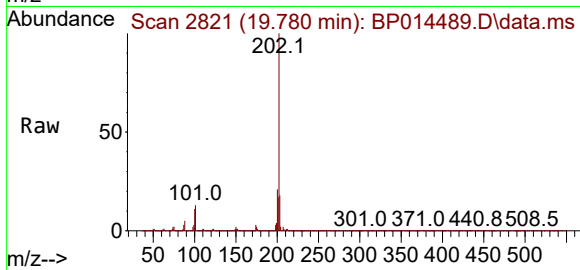
Tgt Ion:202 Resp: 1682806

Ion Ratio Lower Upper

202 100

101 13.0 9.7 14.5

100 10.8 8.0 12.0



#83

Butylbenzylphthalate

Concen: 31.254 ng/ul

RT: 20.639 min Scan# 2967

Delta R.T. -0.006 min

Lab File: BP014489.D

Acq: 03 Apr 2023 16:23

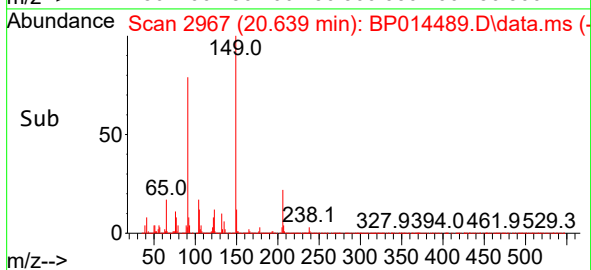
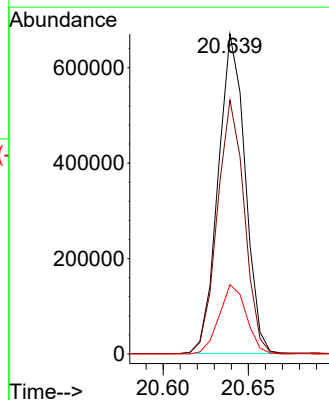
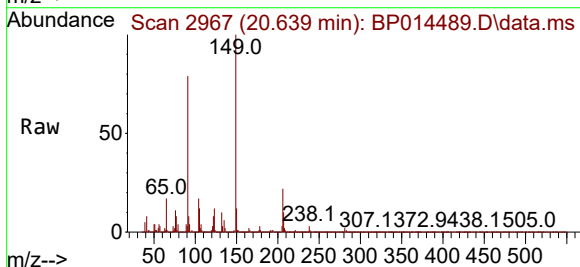
Tgt Ion:149 Resp: 737446

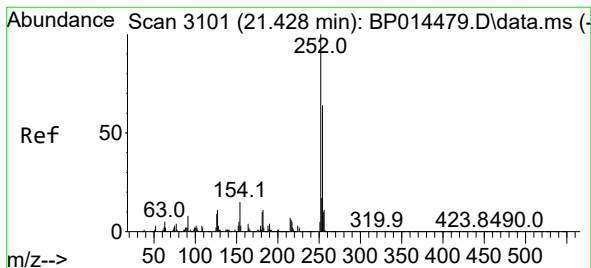
Ion Ratio Lower Upper

149 100

91 79.4 61.8 92.8

206 21.7 17.8 26.6





#84

3,3'-Dichlorobenzidine

Concen: 24.467 ng/ul

RT: 21.427 min Scan# 3101

Delta R.T. -0.000 min

Lab File: BP014489.D

Acq: 03 Apr 2023 16:23

Instrument :

BNA_P

ClientSampleId :

SLCS781

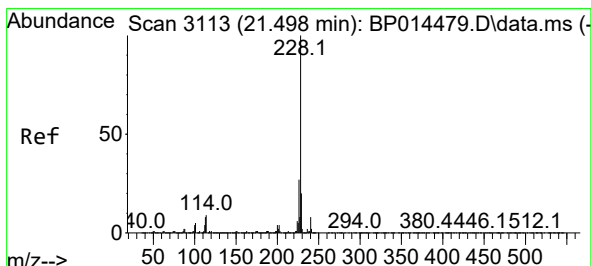
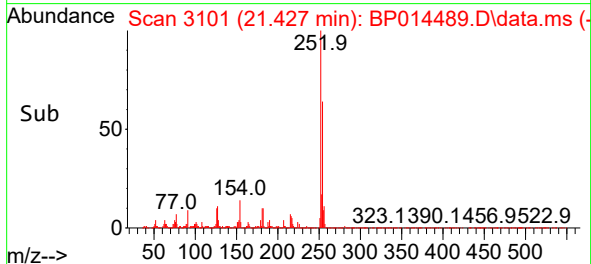
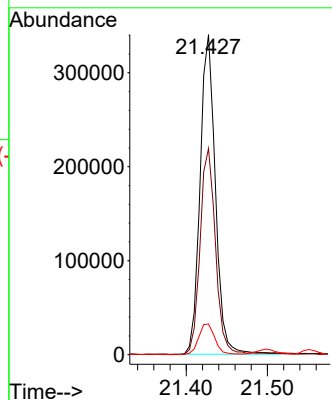
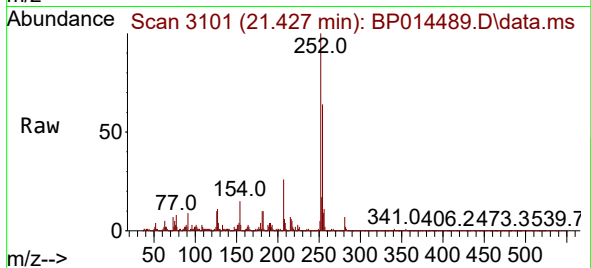
Tgt Ion:252 Resp: 447030

Ion Ratio Lower Upper

252 100

254 64.4 51.4 77.0

126 9.6 7.8 11.6



#85

Benzo(a)anthracene

Concen: 31.355 ng/ul

RT: 21.498 min Scan# 3113

Delta R.T. -0.000 min

Lab File: BP014489.D

Acq: 03 Apr 2023 16:23

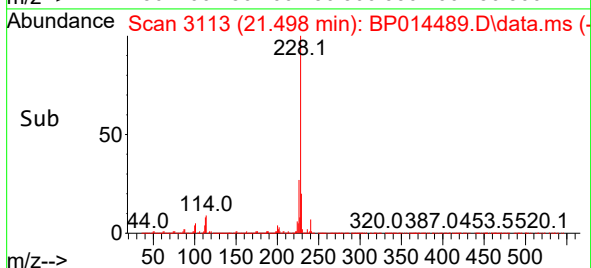
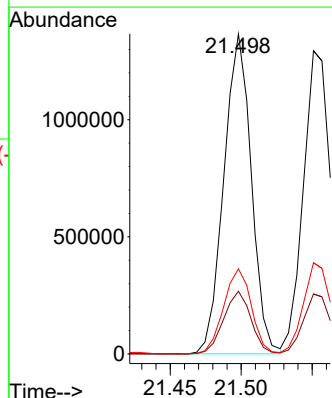
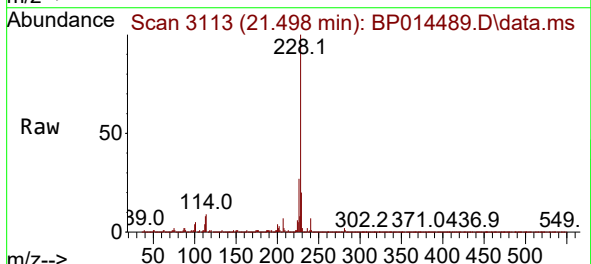
Tgt Ion:228 Resp: 1835611

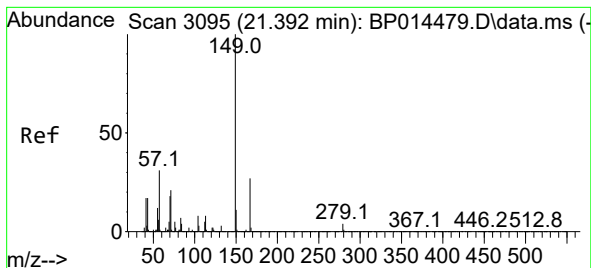
Ion Ratio Lower Upper

228 100

229 19.6 15.6 23.4

226 26.6 21.8 32.6

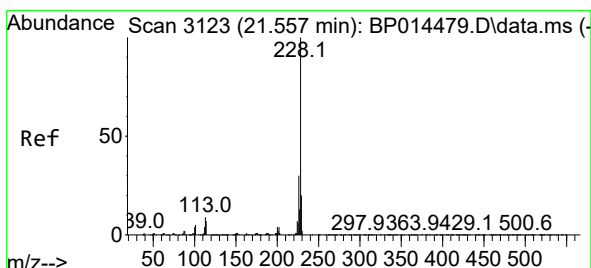
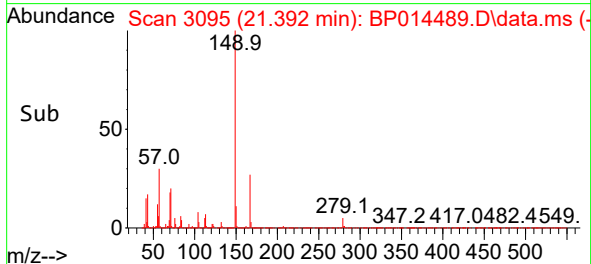
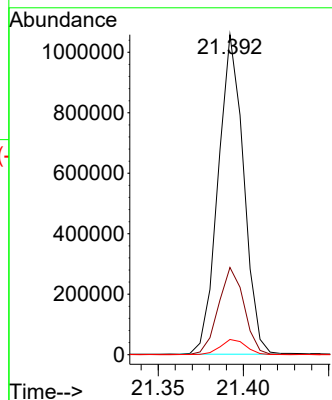
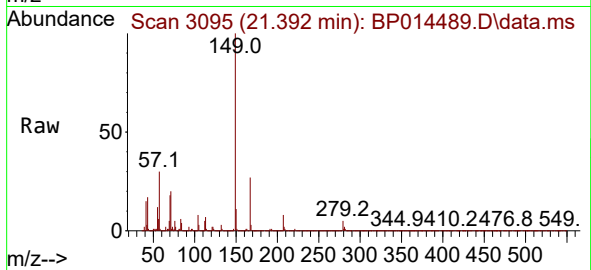




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 34.085 ng/ul
 RT: 21.392 min Scan# 3095
 Delta R.T. -0.006 min
 Lab File: BP014489.D
 Acq: 03 Apr 2023 16:23

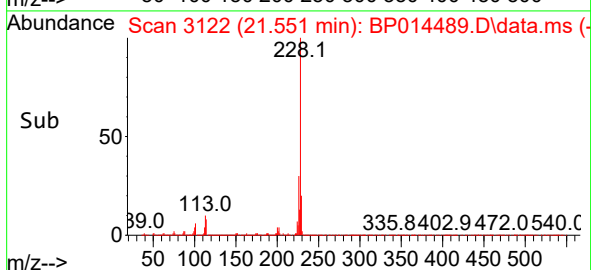
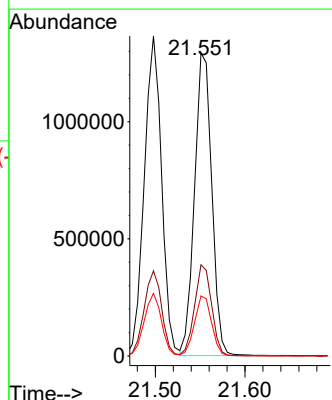
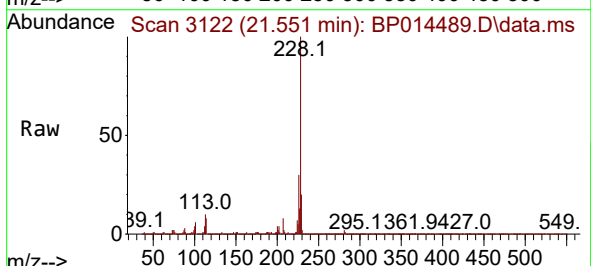
Instrument :
 BNA_P
 ClientSampleId :
 SLCS781

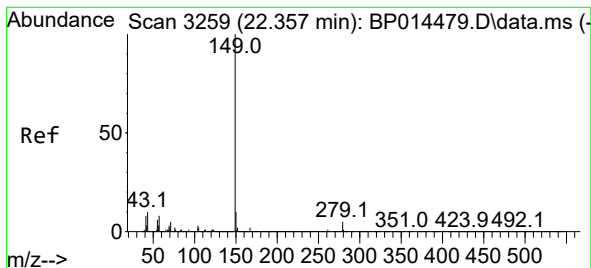
Tgt Ion:149 Resp: 1099757
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.9 32.9
 279 4.8 3.7 5.5



#87
 Chrysene
 Concen: 31.221 ng/ul
 RT: 21.551 min Scan# 3122
 Delta R.T. -0.006 min
 Lab File: BP014489.D
 Acq: 03 Apr 2023 16:23

Tgt Ion:228 Resp: 1725833
 Ion Ratio Lower Upper
 228 100
 226 30.1 23.8 35.8
 229 19.8 16.1 24.1





#89

Di-n-octyl phthalate

Concen: 34.346 ng/ul

RT: 22.351 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP014489.D

Acq: 03 Apr 2023 16:23

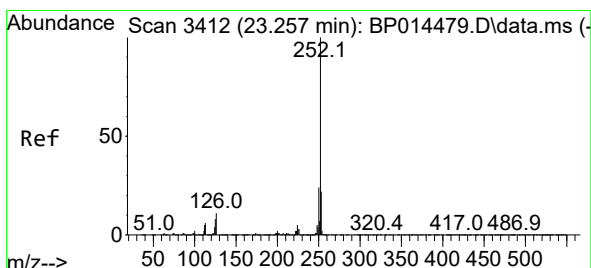
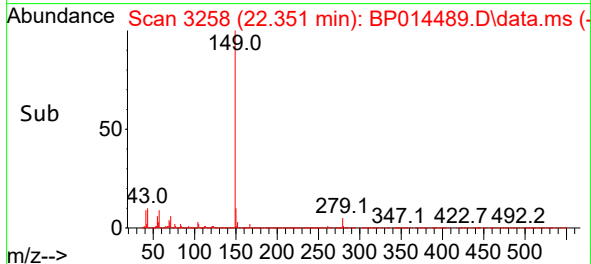
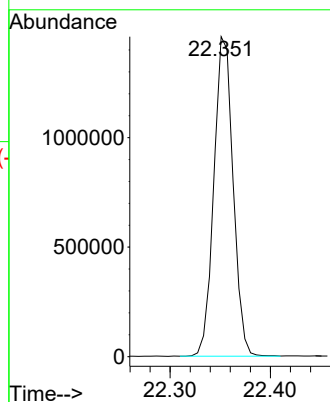
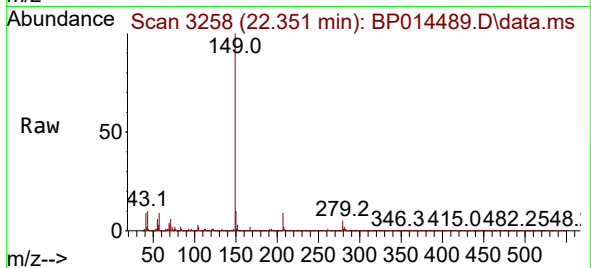
Instrument :

BNA_P

ClientSampleId :

SLCS781

Tgt Ion:149 Resp: 1943586



#90

Benzo(b)fluoranthene

Concen: 31.137 ng/ul

RT: 23.257 min Scan# 3412

Delta R.T. -0.000 min

Lab File: BP014489.D

Acq: 03 Apr 2023 16:23

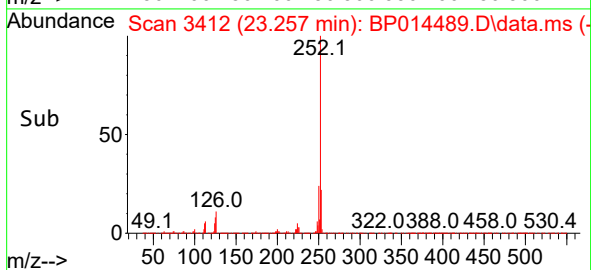
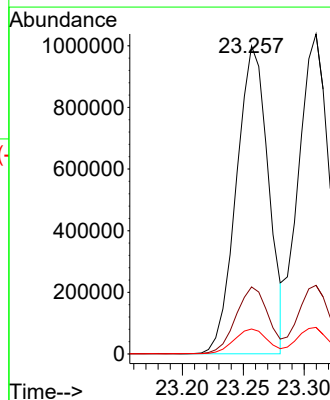
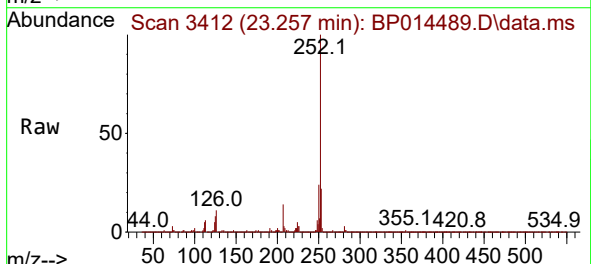
Tgt Ion:252 Resp: 1833761

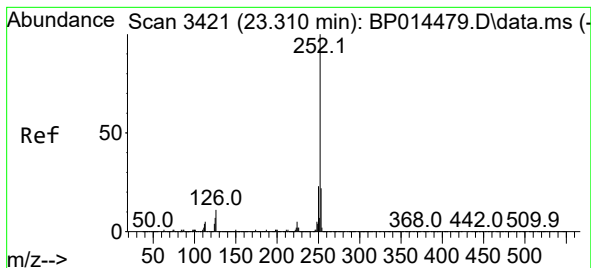
Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

125 8.1 6.8 10.2





#91

Benzo(k)fluoranthene

Concen: 31.973 ng/ul

RT: 23.310 min Scan# 3421

Delta R.T. -0.000 min

Lab File: BP014489.D

Acq: 03 Apr 2023 16:23

Instrument :

BNA_P

ClientSampleId :

SLCS781

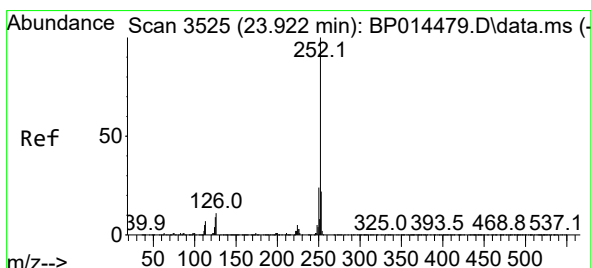
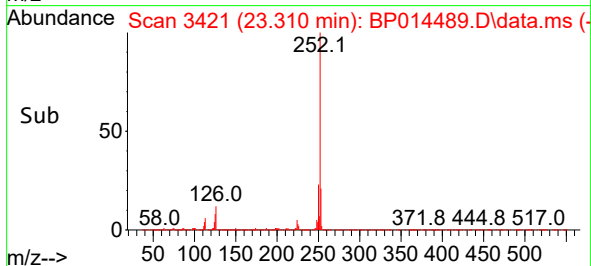
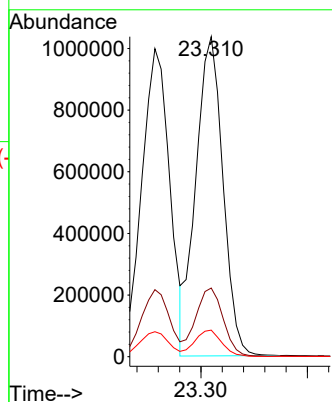
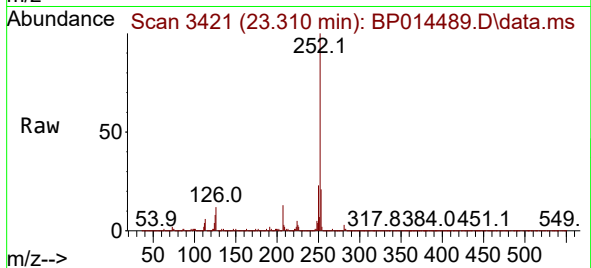
Tgt Ion:252 Resp: 1828857

Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 8.3 6.9 10.3



#93

Benzo(a)pyrene

Concen: 31.203 ng/ul

RT: 23.921 min Scan# 3525

Delta R.T. -0.000 min

Lab File: BP014489.D

Acq: 03 Apr 2023 16:23

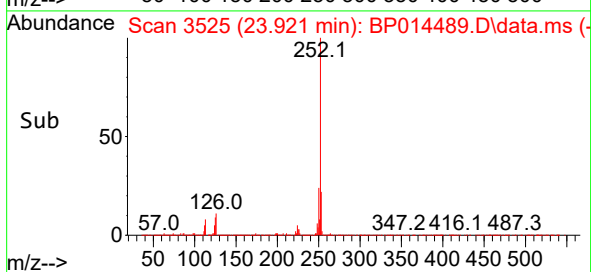
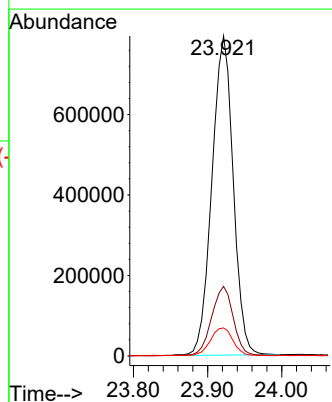
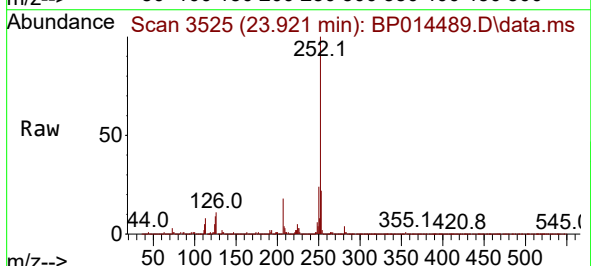
Tgt Ion:252 Resp: 1581800

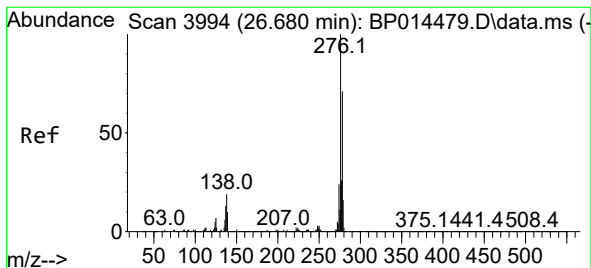
Ion Ratio Lower Upper

252 100

253 21.7 16.9 25.3

125 8.7 6.8 10.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 27.984 ng/ul

RT: 26.674 min Scan# 3993

Delta R.T. -0.006 min

Lab File: BP014489.D

Acq: 03 Apr 2023 16:23

Instrument :

BNA_P

ClientSampleId :

SLCS781

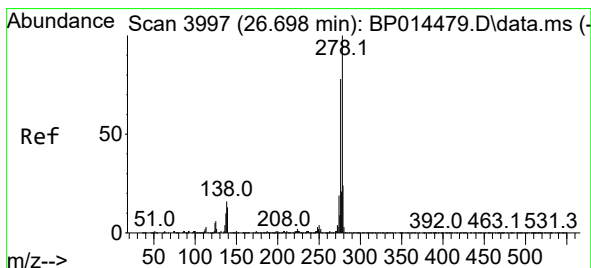
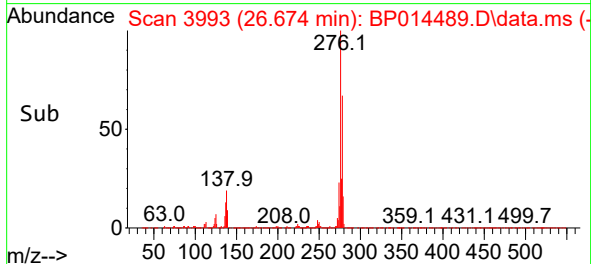
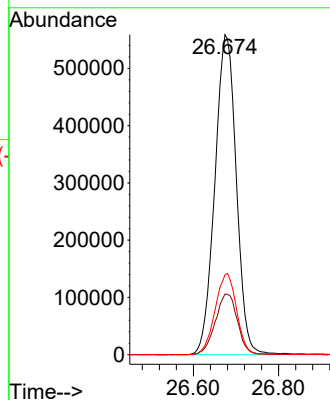
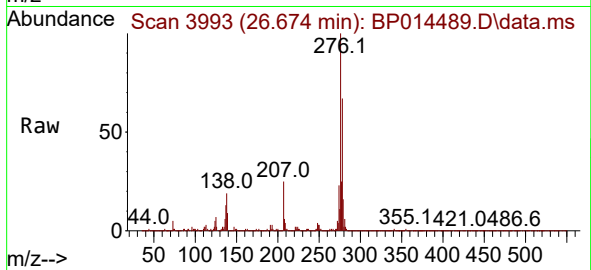
Tgt Ion:276 Resp: 1951702

Ion Ratio Lower Upper

276 100

138 18.9 14.9 22.3

277 25.0 20.3 30.5



#95

Dibenzo(a,h)anthracene

Concen: 27.882 ng/ul

RT: 26.692 min Scan# 3996

Delta R.T. -0.000 min

Lab File: BP014489.D

Acq: 03 Apr 2023 16:23

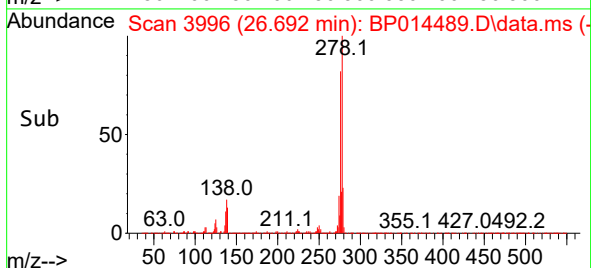
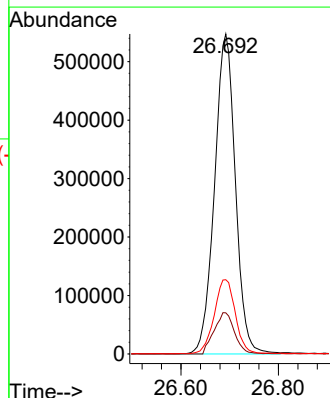
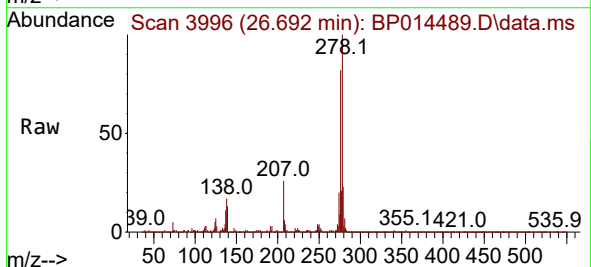
Tgt Ion:278 Resp: 1628090

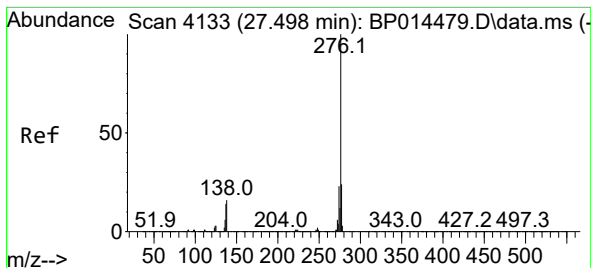
Ion Ratio Lower Upper

278 100

139 12.8 10.4 15.6

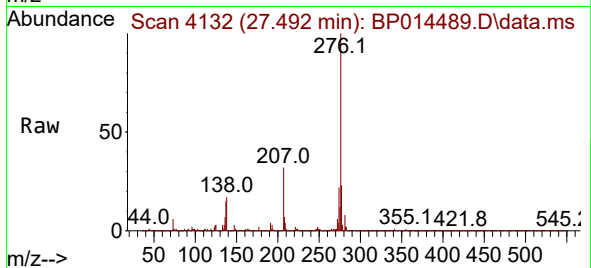
279 23.2 18.9 28.3





#96
 Benzo(g,h,i)perylene
 Concen: 27.146 ng/ul
 RT: 27.492 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: BP014489.D
 Acq: 03 Apr 2023 16:23

Instrument :
 BNA_P
 ClientSampleId :
 SLCS781



Tgt Ion:276 Resp: 1543215

Ion	Ratio	Lower	Upper
276	100		
138	17.0	13.0	19.4
277	23.3	18.4	27.6

