

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061323\
 Data File : BP015500.D
 Acq On : 13 Jun 2023 17:16
 Operator : MA/JU
 Sample : PB153343BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS343

Quant Time: Jun 14 00:15:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 09 23:33:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	145632	20.000	ng/ul	0.00
20) Naphthalene-d8	10.916	136	697687	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.734	164	461104	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.492	188	1049093	20.000	ng/ul	0.00
79) Chrysene-d12	21.575	240	947225	20.000	ng/ul	0.00
88) Perylene-d12	24.121	264	1029283	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	27603	7.019	ng/uL	0.00
4) Pyridine-d5	3.846	84	348204	34.086	ng/ul	0.00
7) Phenol-d5	7.246	99	497586	37.087	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.411	67	312832	39.042	ng/ul	0.00
11) 2-Chlorophenol-d4	7.616	132	396795	40.792	ng/ul	0.00
15) 4-Methylphenol-d8	8.810	113	451442	40.999	ng/ul	0.00
21) Nitrobenzene-d5	9.269	128	219353	40.046	ng/ul	0.00
24) 2-Nitrophenol-d4	9.999	143	250865	40.104	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	449671	39.408	ng/ul	0.00
31) 4-Chloroaniline-d4	11.057	131	571115	34.869	ng/ul	0.00
46) Dimethylphthalate-d6	14.140	166	1433261	39.418	ng/ul	0.00
49) Acenaphthylene-d8	14.434	160	1597479	40.179	ng/ul	0.00
54) 4-Nitrophenol-d4	14.940	143	243645	37.418	ng/ul	0.00
60) Fluorene-d10	15.728	176	1182179	38.555	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	259104	38.986	ng/ul	0.00
73) Anthracene-d10	17.592	188	1852655	38.813	ng/ul	0.00
81) Pyrene-d10	19.816	212	2263740	44.652	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.957	264	2179129	42.194	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	55818	13.437	ng/uL	94
5) Pyridine	3.864	79	352258	33.261	ng/ul	94
6) Benzaldehyde	7.222	77	227551	44.372	ng/ul	96
8) Phenol	7.275	94	519964	37.566	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.511	93	407970	37.279	ng/ul	99
12) 2-Chlorophenol	7.652	128	398999	38.823	ng/ul	99
13) 2-Methylphenol	8.540	108	422499	39.672	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.622	45	582549	40.169	ng/ul	98
16) Acetophenone	8.928	105	686742	39.080	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.911	70	368830	38.888	ng/ul	98
18) 4-Methylphenol	8.869	108	462084	39.436	ng/ul	96
19) Hexachloroethane	9.181	117	175726	40.462	ng/ul	98
22) Nitrobenzene	9.310	77	549227	37.809	ng/ul	99
23) Isophorone	9.840	82	1072220	36.873	ng/ul	99
25) 2-Nitrophenol	10.028	139	257616	38.144	ng/ul	99
26) 2,4-Dimethylphenol	10.081	107	522034	36.448	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.322	93	629565	37.239	ng/ul	100
29) 2,4-Dichlorophenol	10.563	162	437376	38.551	ng/ul	98
30) Naphthalene	10.969	128	1398762	36.998	ng/ul	99
32) 4-Chloroaniline	11.087	127	427040	25.198	ng/ul	99
33) Hexachlorobutadiene	11.246	225	289250	37.804	ng/ul	98
34) Caprolactam	11.875	113	152247	35.648	ng/ul	94
35) 4-Chloro-3-methylphenol	12.199	107	527750	38.393	ng/ul	98
36) 2-Methylnaphthalene	12.569	142	972565	36.593	ng/ul	100

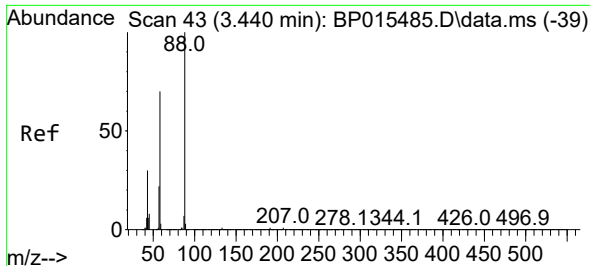
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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.787	142	969319	36.223	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.934	216	554986	38.652	ng/ul	100
40) Hexachlorocyclopentadiene	12.904	237	263801	44.821	ng/ul	97
41) 2,4,6-Trichlorophenol	13.175	196	358713	37.536	ng/ul	99
42) 2,4,5-Trichlorophenol	13.251	196	399144	38.328	ng/ul	99
43) 1,1'-Biphenyl	13.569	154	1346238	37.753	ng/ul	99
44) 2-Chloronaphthalene	13.616	162	1064774	38.058	ng/ul	99
45) 2-Nitroaniline	13.822	65	359822	40.185	ng/ul	96
47) Dimethylphthalate	14.187	163	1404566	37.413	ng/ul	100
48) 2,6-Dinitrotoluene	14.316	165	307564	39.987	ng/ul	99
50) Acenaphthylene	14.457	152	1646537	37.396	ng/ul	100
51) 3-Nitroaniline	14.645	138	285475	44.960	ng/ul	99
52) Acenaphthene	14.798	153	1133590	37.246	ng/ul	99
53) 2,4-Dinitrophenol	14.857	184	165169	35.698	ng/ul	98
55) 4-Nitrophenol	14.951	109	225432	35.893	ng/ul	95
56) Dibenzofuran	15.134	168	1594240	36.958	ng/ul	98
57) 2,4-Dinitrotoluene	15.104	165	434366	38.396	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.363	232	331811	35.289	ng/ul	96
59) Diethylphthalate	15.545	149	1451979	37.737	ng/ul	99
61) Fluorene	15.787	166	1287850	36.623	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.775	204	660535	37.271	ng/ul	99
63) 4-Nitroaniline	15.816	138	292688	48.597	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.869	198	252512	37.253	ng/ul	92
67) N-Nitrosodiphenylamine	15.987	169	1120837	37.659	ng/ul	99
68) 4-Bromophenyl-phenylether	16.669	248	432825	38.564	ng/ul	97
69) Hexachlorobenzene	16.792	284	507499	38.333	ng/ul	98
70) Atrazine	16.939	200	123372	10.380	ng/ul	97
71) Pentachlorophenol	17.139	266	268260	35.849	ng/ul	99
72) Phenanthrene	17.534	178	2149012	38.172	ng/ul	100
74) Anthracene	17.628	178	2130431	37.296	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.540	216	571142	39.446	ng/ul	100
76) Pentachlorobenzene	15.051	250	559138	36.884	ng/ul	97
77) Carbazole	17.892	167	1944083	37.797	ng/ul	100
78) Di-n-butylphthalate	18.422	149	2604950	39.918	ng/ul	99
80) Fluoranthene	19.492	202	2623589	42.485	ng/ul	98
82) Pyrene	19.845	202	2653453	41.532	ng/ul	98
83) Butylbenzylphthalate	20.698	149	1255889	44.475	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.480	252	885020	39.548	ng/ul	98
85) Benzo(a)anthracene	21.557	228	2609473	39.407	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.451	149	1884438	45.149	ng/ul	100
87) Chrysene	21.616	228	2451209	39.163	ng/ul	99
89) Di-n-octyl phthalate	22.422	149	3249617	48.038	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	2665626	40.121	ng/ul	100
91) Benzo(k)fluoranthene	23.392	252	2596158	40.423	ng/ul	99
93) Benzo(a)pyrene	24.016	252	2263390	39.074	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.827	276	2693746	35.933	ng/ul	99
95) Dibenzo(a,h)anthracene	26.839	278	2229384	36.502	ng/ul	99
96) Benzo(g,h,i)perylene	27.657	276	2152560	34.842	ng/ul	100

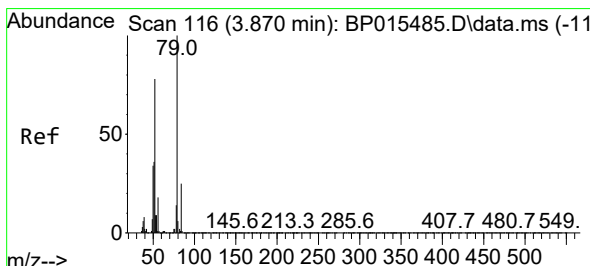
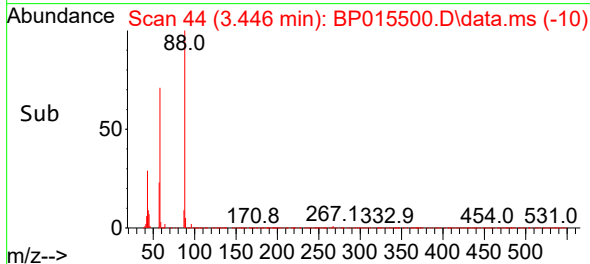
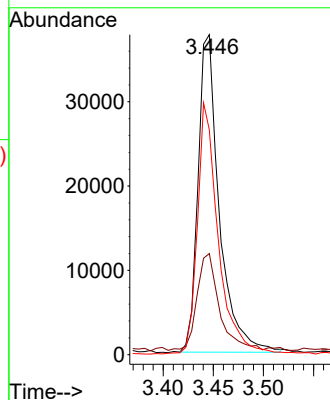
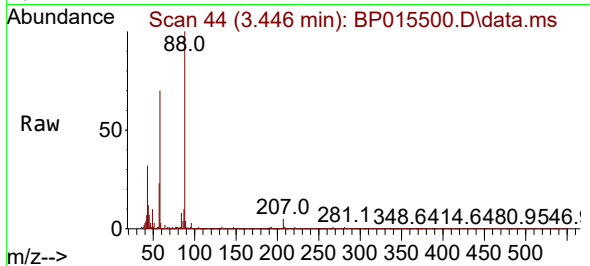
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#2
1,4-Dioxane
Concen: 13.437 ng/uL
RT: 3.446 min Scan# 41
Delta R.T. -0.000 min
Lab File: BP015500.D
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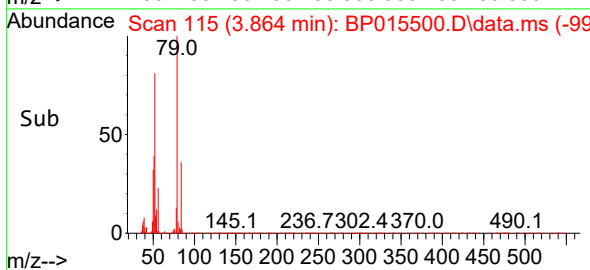
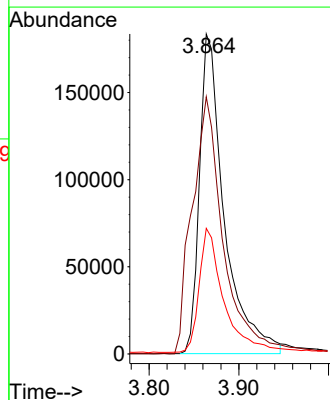
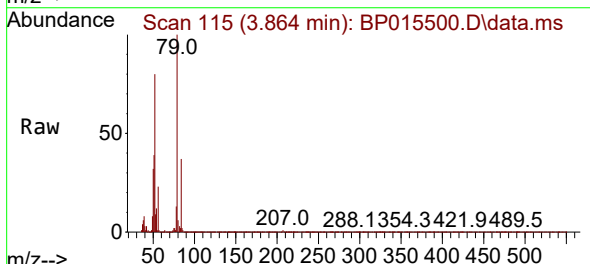
Instrument :
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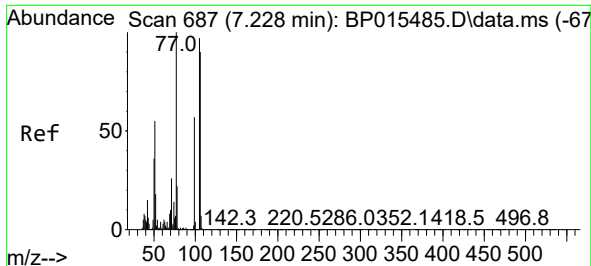
Tgt Ion: 88 Resp: 55818
Ion Ratio Lower Upper
88 100
43 31.6 23.9 35.9
58 70.2 51.4 77.2



#5
Pyridine
Concen: 33.261 ng/uL
RT: 3.864 min Scan# 115
Delta R.T. -0.006 min
Lab File: BP015500.D
Acq: 13 Jun 2023 17:16

Tgt Ion: 79 Resp: 352258
Ion Ratio Lower Upper
79 100
52 80.4 59.5 89.3
51 39.3 29.8 44.6

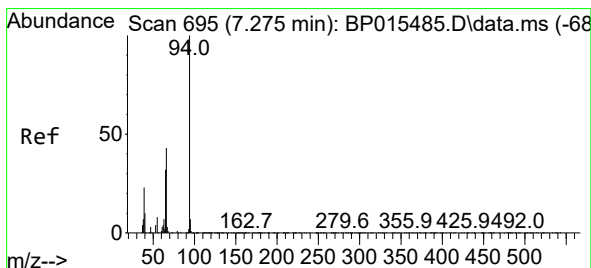
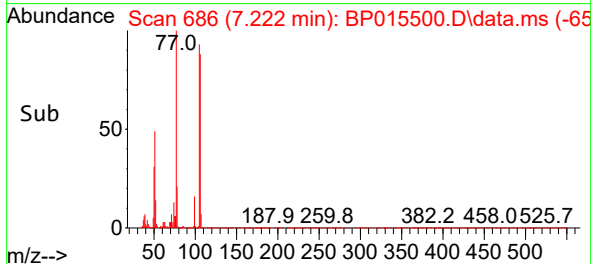
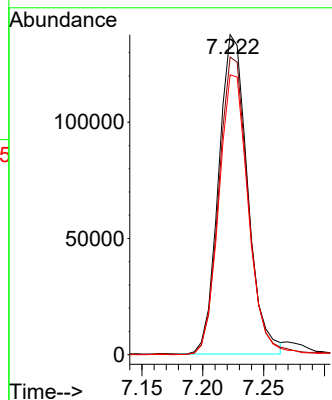
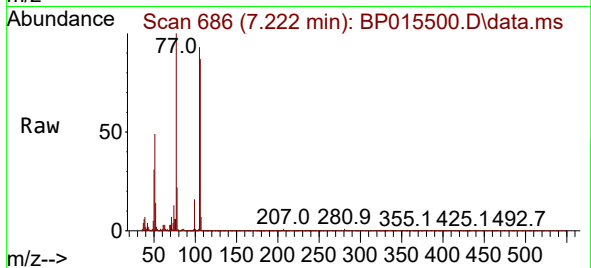




#6
Benzaldehyde
Concen: 44.372 ng/ul
RT: 7.222 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP015500.D
Acq: 13 Jun 2023 17:16

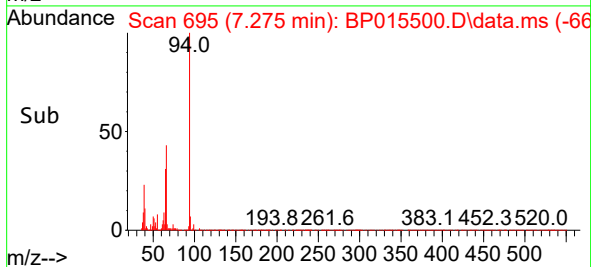
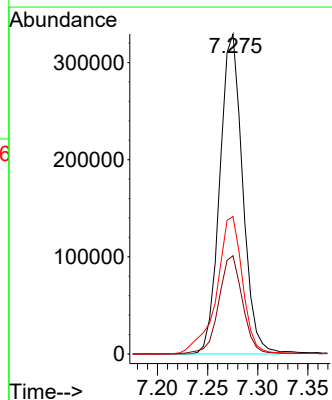
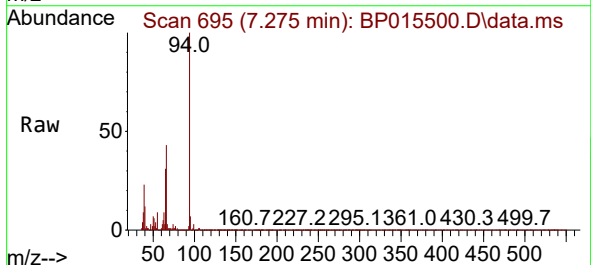
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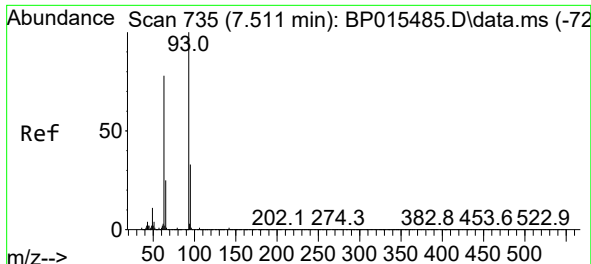
Tgt Ion: 77 Resp: 227551
Ion Ratio Lower Upper
77 100
105 93.0 77.3 115.9
106 87.4 73.3 109.9



#8
Phenol
Concen: 37.566 ng/ul
RT: 7.275 min Scan# 695
Delta R.T. -0.000 min
Lab File: BP015500.D
Acq: 13 Jun 2023 17:16

Tgt Ion: 94 Resp: 519964
Ion Ratio Lower Upper
94 100
65 30.7 23.5 35.3
66 42.9 34.2 51.4

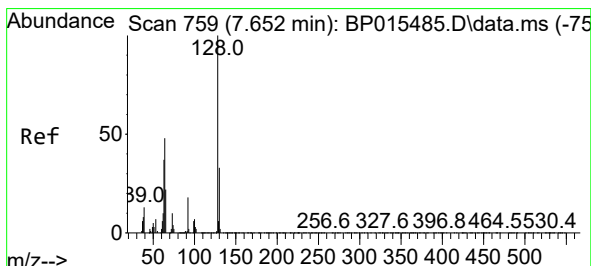
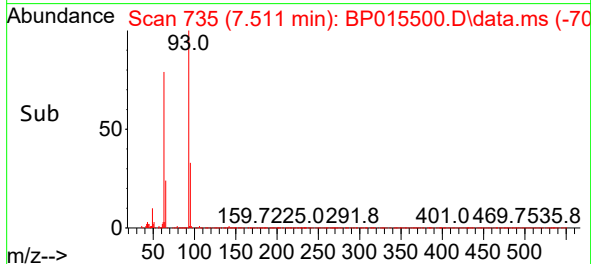
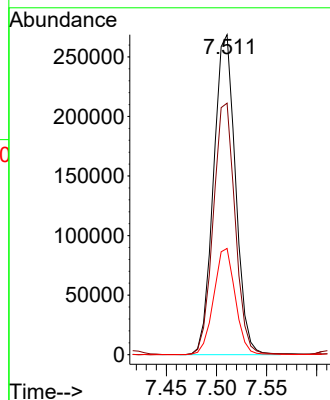
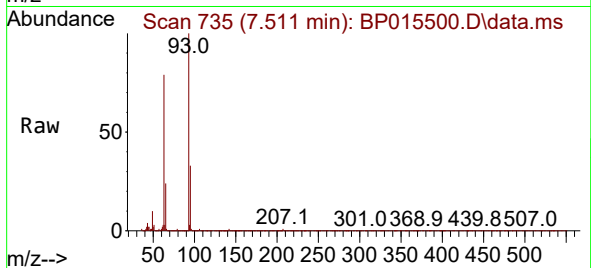




#10
Bis(2-Chloroethyl)ether
Concen: 37.279 ng/ul
RT: 7.511 min Scan# 735
Delta R.T. -0.000 min
Lab File: BP015500.D
Acq: 13 Jun 2023 17:16

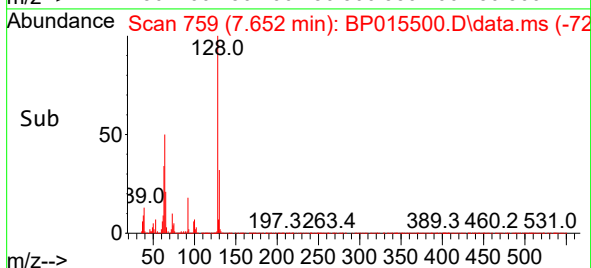
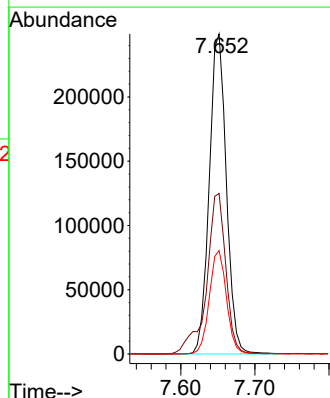
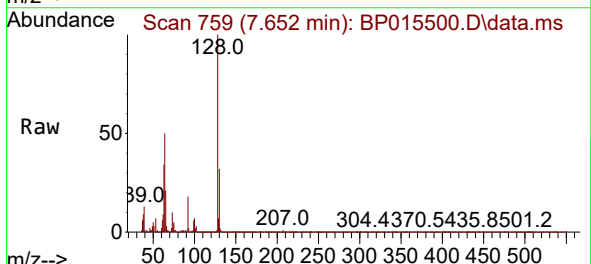
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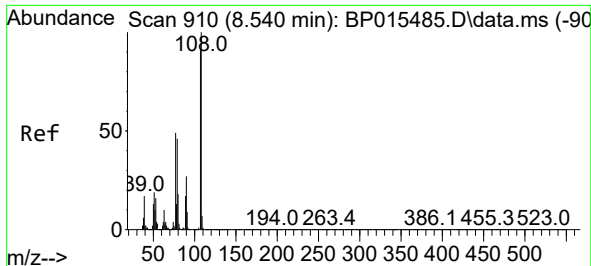
Tgt Ion: 93 Resp: 407970
Ion Ratio Lower Upper
93 100
63 78.6 62.6 93.8
95 33.2 25.5 38.3



#12
2-Chlorophenol
Concen: 38.823 ng/ul
RT: 7.652 min Scan# 759
Delta R.T. -0.000 min
Lab File: BP015500.D
Acq: 13 Jun 2023 17:16

Tgt Ion: 128 Resp: 398999
Ion Ratio Lower Upper
128 100
64 50.2 40.2 60.4
130 32.3 24.5 36.7





#13

2-Methylphenol

Concen: 39.672 ng/ul

RT: 8.540 min Scan# 910

Delta R.T. -0.000 min

Lab File: BP015500.D

Acq: 13 Jun 2023 17:16

Instrument :

BNA_P

ClientSampleId :

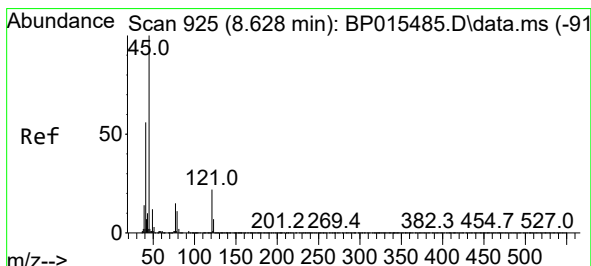
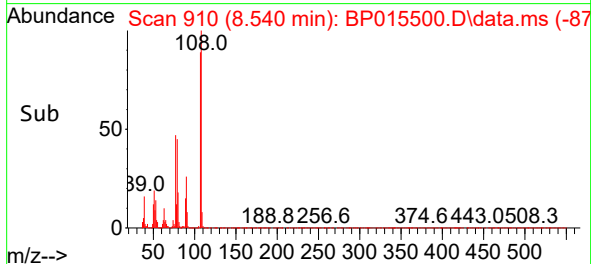
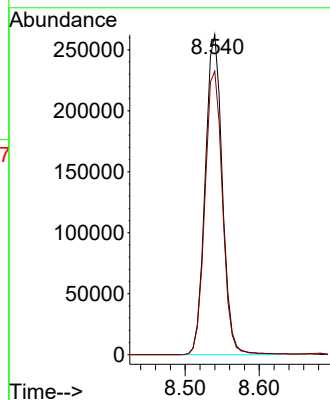
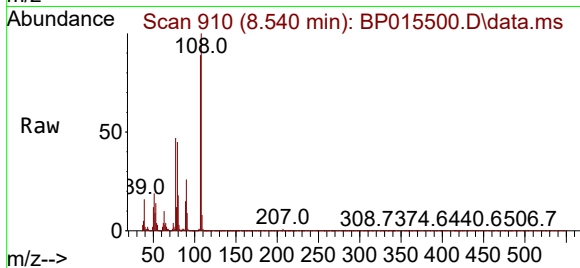
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Tgt Ion:108 Resp: 422499

Ion Ratio Lower Upper

108 100

107 88.6 71.2 106.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 40.169 ng/ul

RT: 8.622 min Scan# 924

Delta R.T. -0.000 min

Lab File: BP015500.D

Acq: 13 Jun 2023 17:16

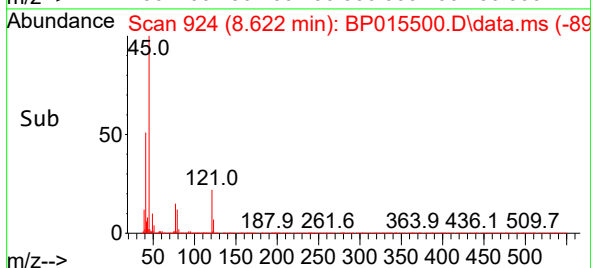
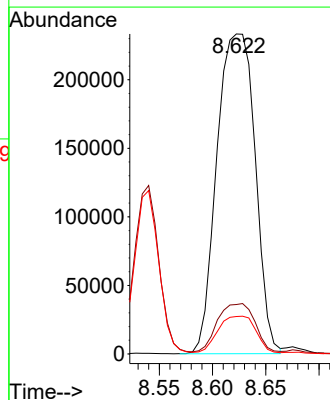
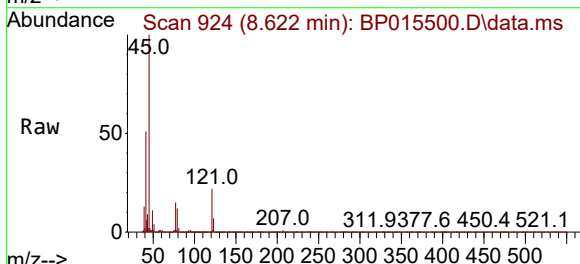
Tgt Ion: 45 Resp: 582549

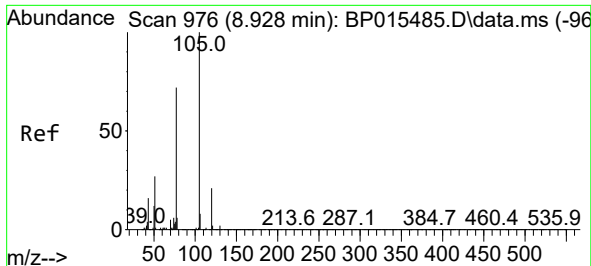
Ion Ratio Lower Upper

45 100

77 15.5 11.8 17.8

79 11.7 8.7 13.1

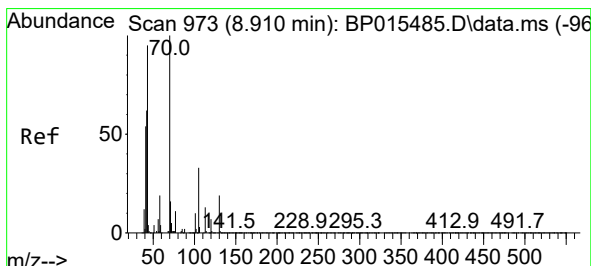
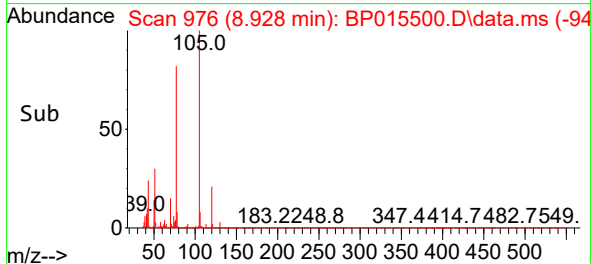
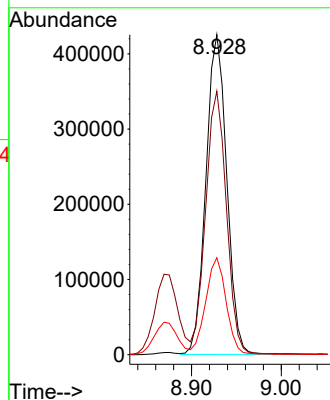
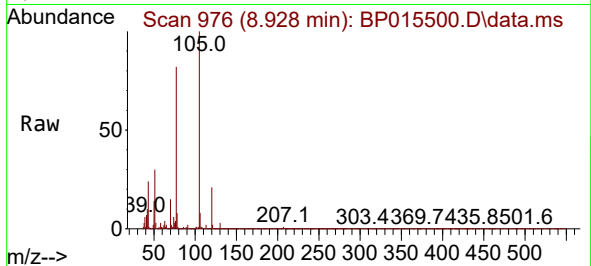




#16
Acetophenone
Concen: 39.080 ng/ul
RT: 8.928 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP015500.D
Acq: 13 Jun 2023 17:16

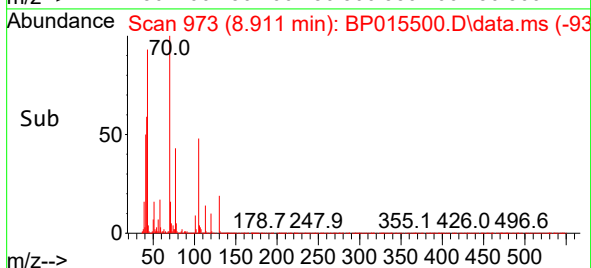
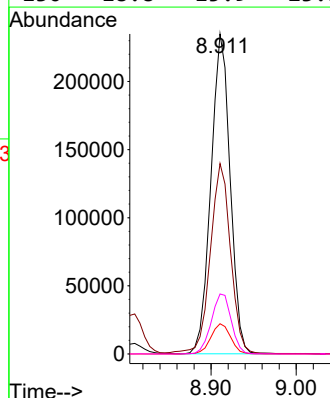
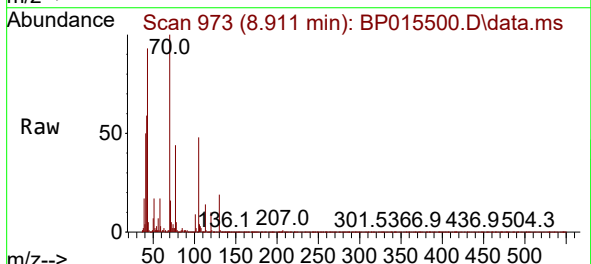
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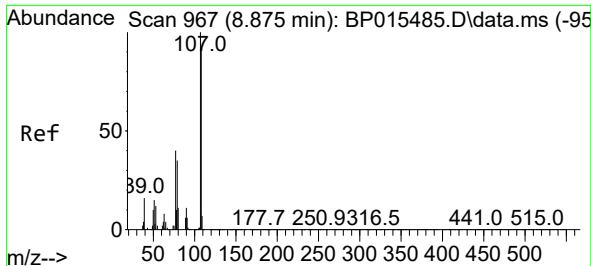
Tgt Ion:105 Resp: 686742
Ion Ratio Lower Upper
105 100
77 82.4 64.9 97.3
51 30.3 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 38.888 ng/ul
RT: 8.911 min Scan# 973
Delta R.T. 0.000 min
Lab File: BP015500.D
Acq: 13 Jun 2023 17:16

Tgt Ion: 70 Resp: 368830
Ion Ratio Lower Upper
70 100
42 59.5 46.6 69.8
101 9.4 7.8 11.6
130 18.8 15.9 23.9

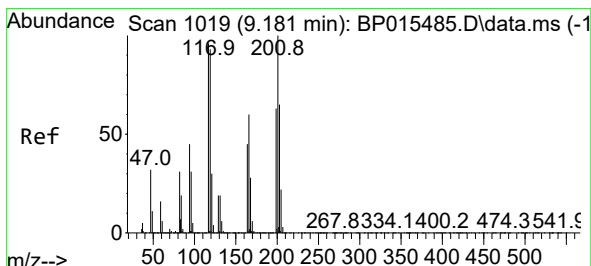
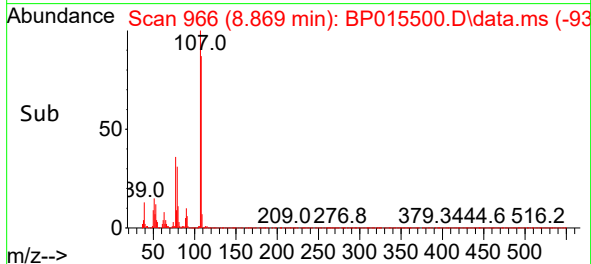
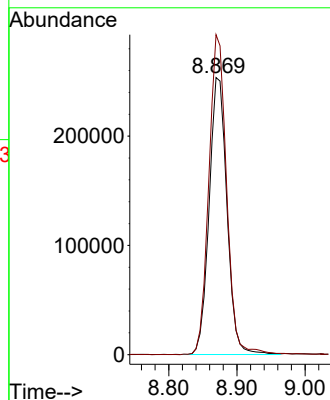
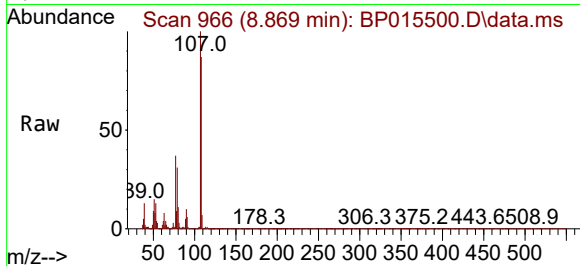




#18
4-Methylphenol
Concen: 39.436 ng/ul
RT: 8.869 min Scan# 967
Delta R.T. -0.006 min
Lab File: BP015500.D
Acq: 13 Jun 2023 17:16

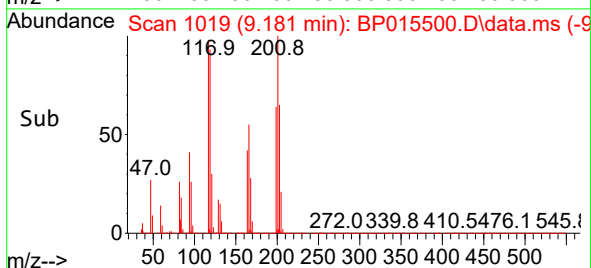
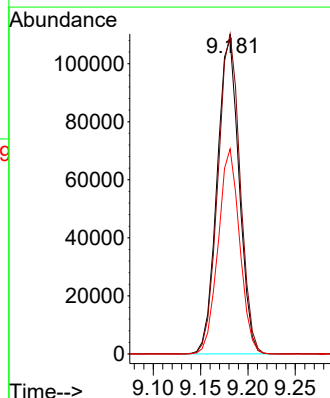
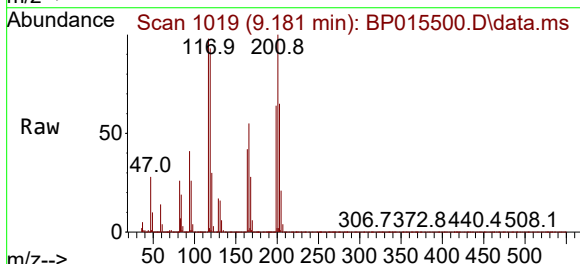
Instrument :
BNA_P
ClientSampleId :
SLCS343

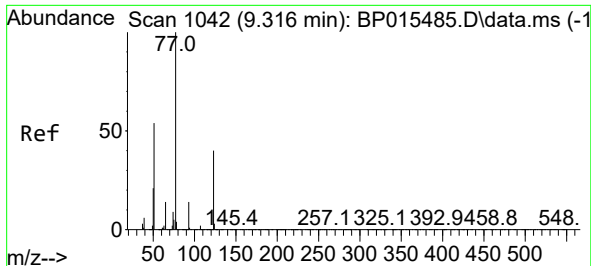
Tgt Ion:108 Resp: 462084
Ion Ratio Lower Upper
108 100
107 115.5 89.3 133.9



#19
Hexachloroethane
Concen: 40.462 ng/ul
RT: 9.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP015500.D
Acq: 13 Jun 2023 17:16

Tgt Ion:117 Resp: 175726
Ion Ratio Lower Upper
117 100
201 101.6 82.8 124.2
199 65.1 50.6 76.0

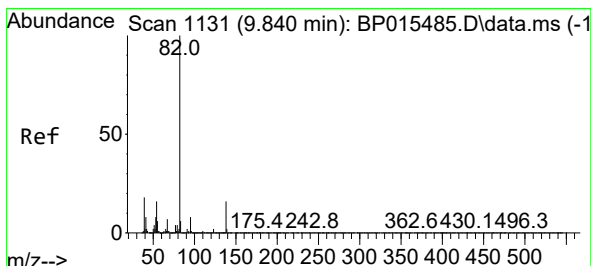
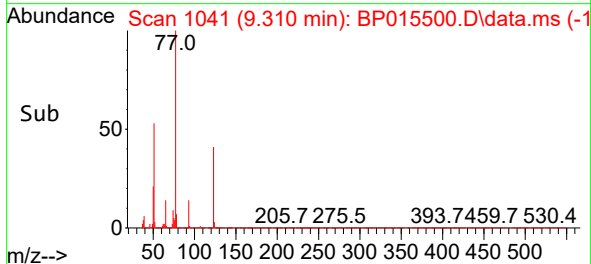
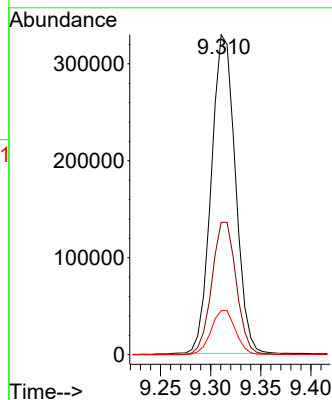
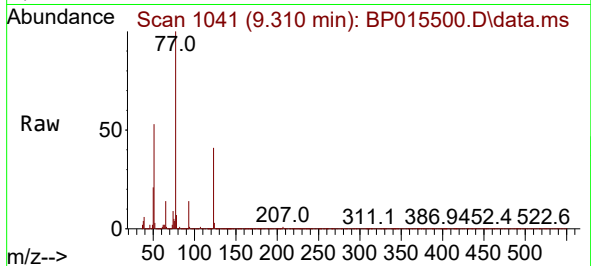




#22
Nitrobenzene
Concen: 37.809 ng/ul
RT: 9.310 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BP015500.D
Acq: 13 Jun 2023 17:16

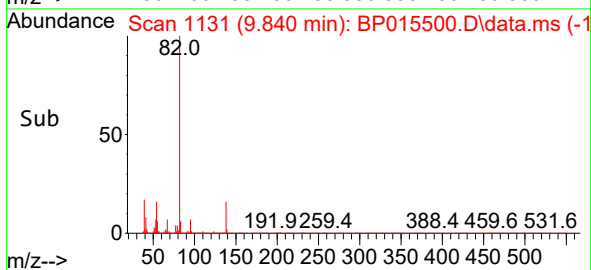
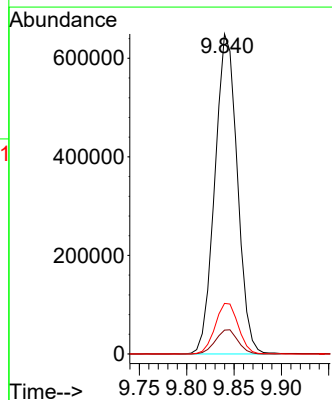
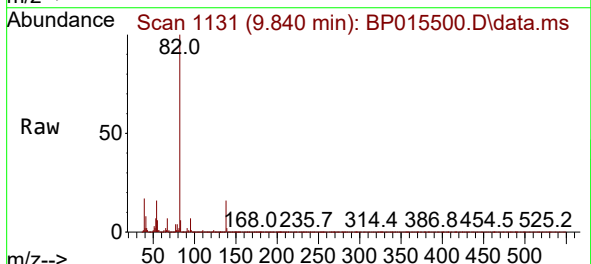
Instrument :
BNA_P
ClientSampleId :
SLCS343

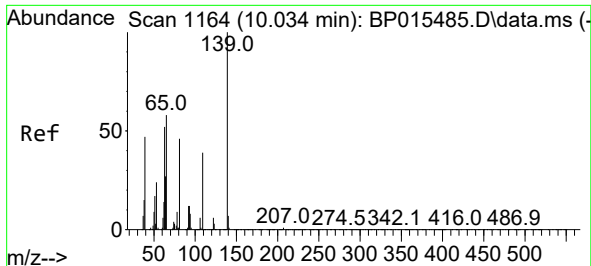
Tgt Ion: 77 Resp: 549227
Ion Ratio Lower Upper
77 100
123 41.4 33.5 50.3
65 13.8 11.6 17.4



#23
Isophorone
Concen: 36.873 ng/ul
RT: 9.840 min Scan# 1131
Delta R.T. -0.000 min
Lab File: BP015500.D
Acq: 13 Jun 2023 17:16

Tgt Ion: 82 Resp: 1072220
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.8
138 15.8 13.1 19.7

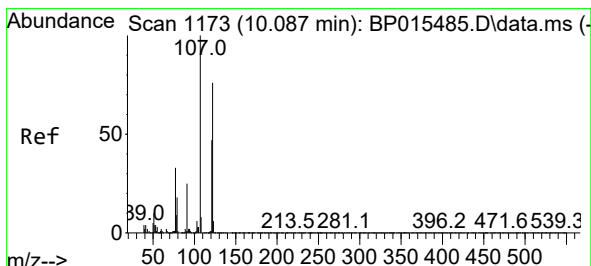
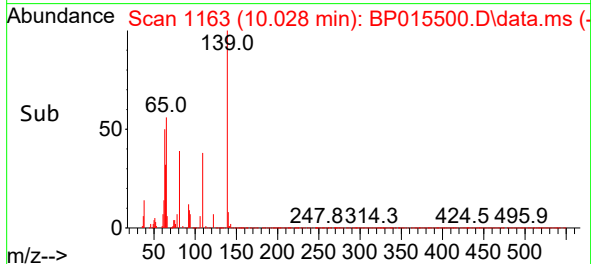
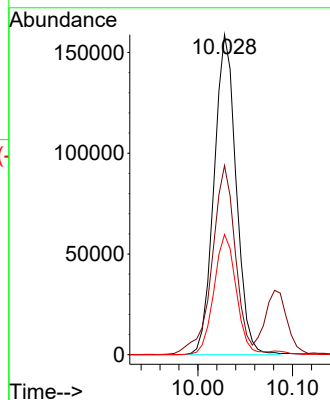
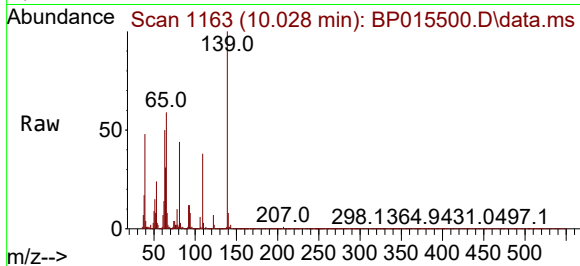




#25
2-Nitrophenol
Concen: 38.144 ng/ul
RT: 10.028 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BP015500.D
Acq: 13 Jun 2023 17:16

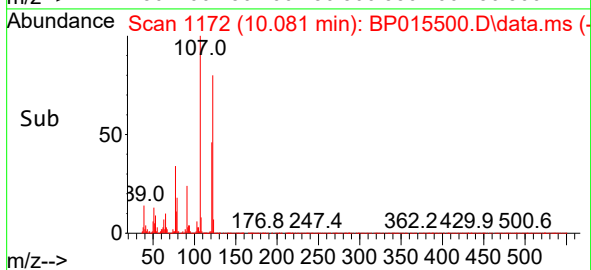
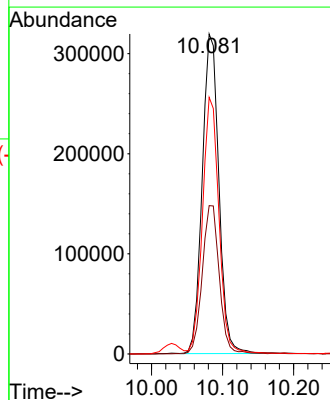
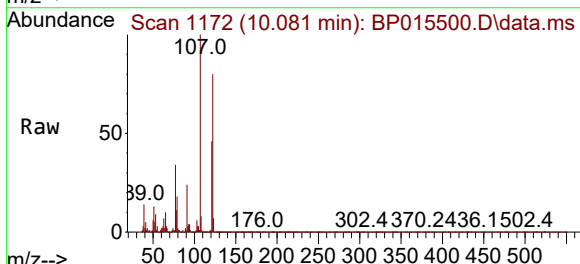
Instrument :
BNA_P
ClientSampleId :
SLCS343

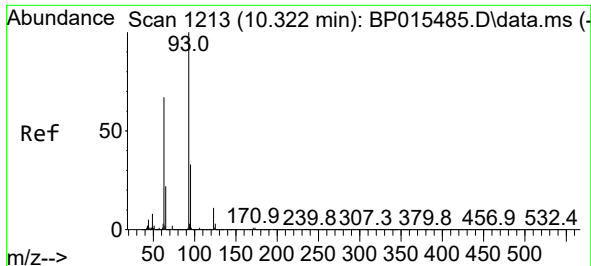
Tgt Ion:139 Resp: 257616
Ion Ratio Lower Upper
139 100
65 59.1 46.9 70.3
109 37.5 30.2 45.2



#26
2,4-Dimethylphenol
Concen: 36.448 ng/ul
RT: 10.081 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BP015500.D
Acq: 13 Jun 2023 17:16

Tgt Ion:107 Resp: 522034
Ion Ratio Lower Upper
107 100
121 46.4 39.0 58.6
122 80.2 64.8 97.2

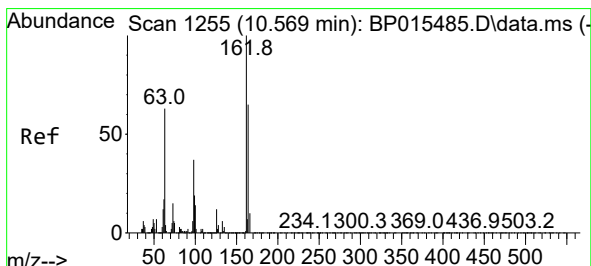
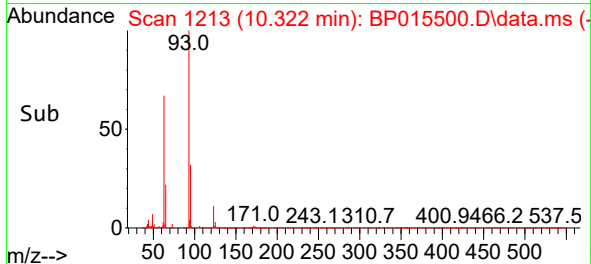
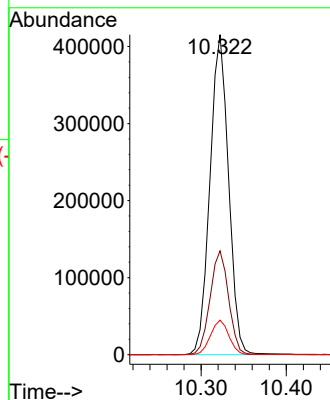
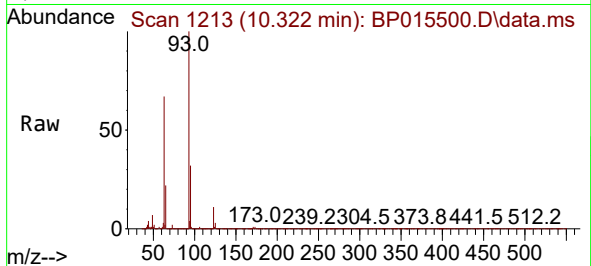




#27
 Bis(2-Chloroethoxy)methane
 Concen: 37.239 ng/ul
 RT: 10.322 min Scan# 1213
 Delta R.T. -0.000 min
 Lab File: BP015500.D
 Acq: 13 Jun 2023 17:16

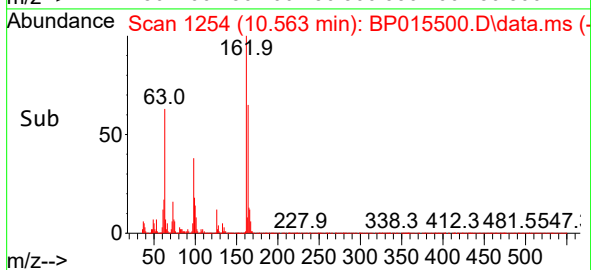
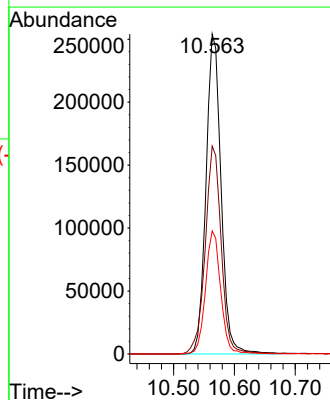
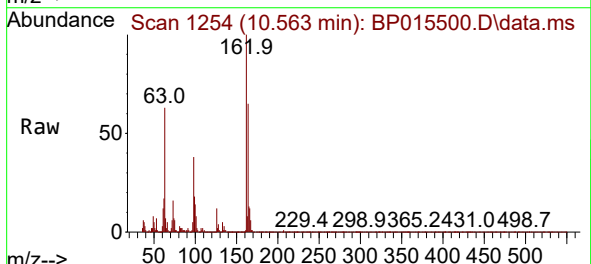
Instrument :
 BNA_P
 ClientSampleId :
 SLCS343

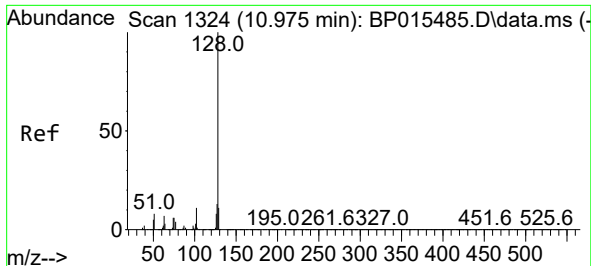
Tgt Ion:	93	Resp:	629565
Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.7	38.5
123	10.8	8.6	13.0



#29
 2,4-Dichlorophenol
 Concen: 38.551 ng/ul
 RT: 10.563 min Scan# 1254
 Delta R.T. -0.006 min
 Lab File: BP015500.D
 Acq: 13 Jun 2023 17:16

Tgt Ion:	162	Resp:	437376
Ion	Ratio	Lower	Upper
162	100		
164	64.9	50.6	76.0
98	38.5	30.2	45.2

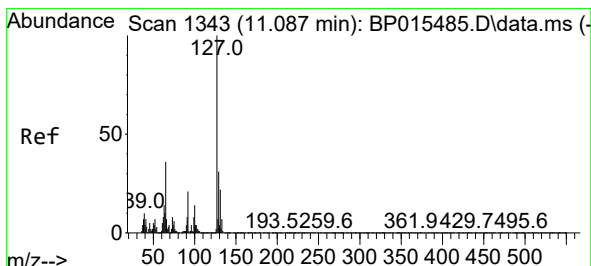
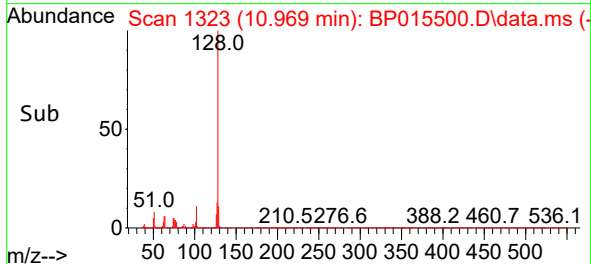
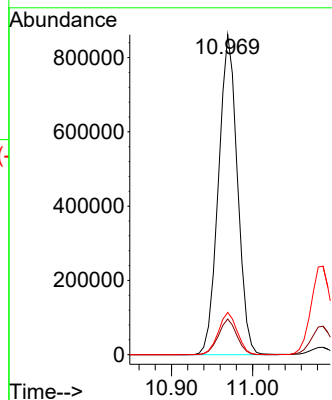
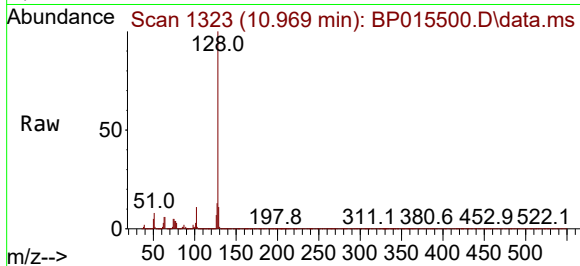




#30
Naphthalene
Concen: 36.998 ng/ul
RT: 10.969 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP015500.D
Acq: 13 Jun 2023 17:16

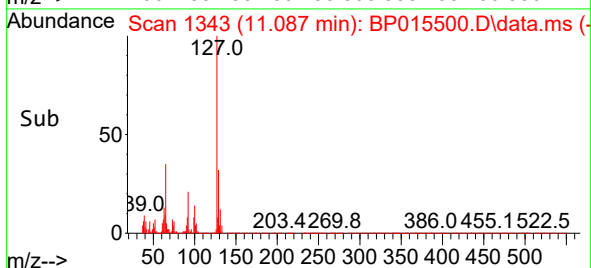
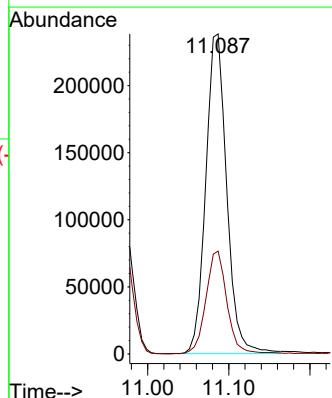
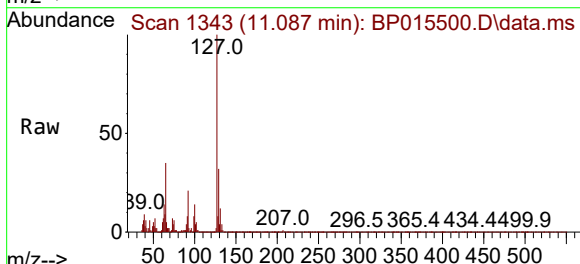
Instrument :
BNA_P
ClientSampleId :
SLCS343

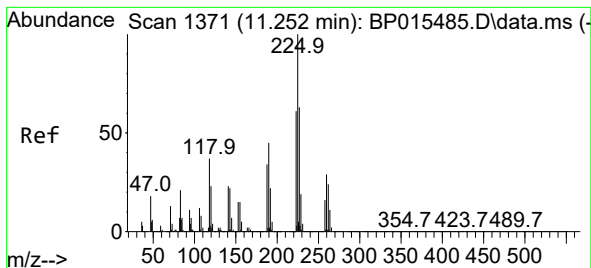
Tgt Ion:128 Resp: 1398762
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.2 10.5 15.7



#32
4-Chloroaniline
Concen: 25.198 ng/ul
RT: 11.087 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BP015500.D
Acq: 13 Jun 2023 17:16

Tgt Ion:127 Resp: 427040
Ion Ratio Lower Upper
127 100
129 32.1 26.1 39.1





#33

Hexachlorobutadiene

Concen: 37.804 ng/ul

RT: 11.246 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP015500.D

Acq: 13 Jun 2023 17:16

Instrument :

BNA_P

ClientSampleId :

SLCS343

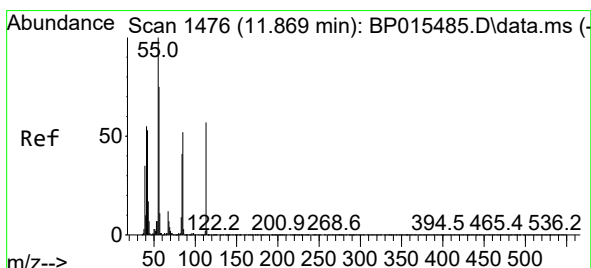
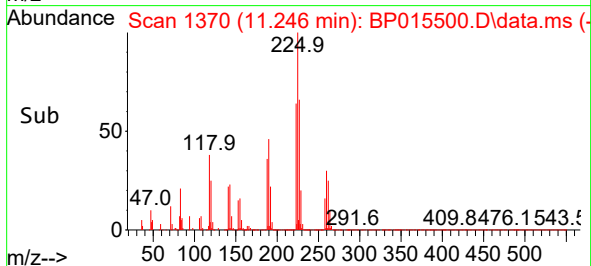
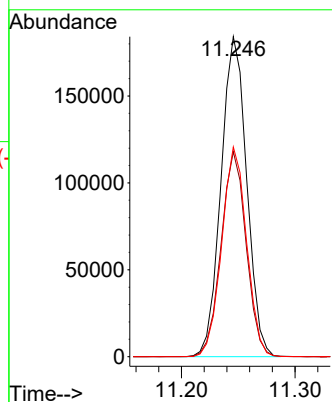
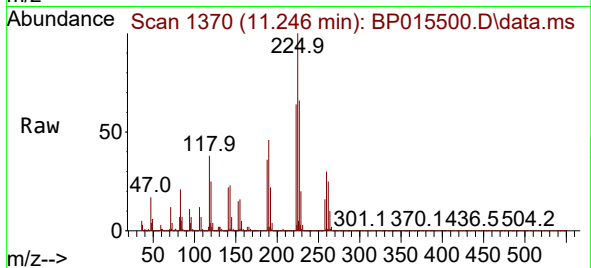
Tgt Ion:225 Resp: 289250

Ion Ratio Lower Upper

225 100

223 64.1 52.0 78.0

227 65.6 50.6 75.8



#34

Caprolactam

Concen: 35.648 ng/ul

RT: 11.875 min Scan# 1477

Delta R.T. 0.006 min

Lab File: BP015500.D

Acq: 13 Jun 2023 17:16

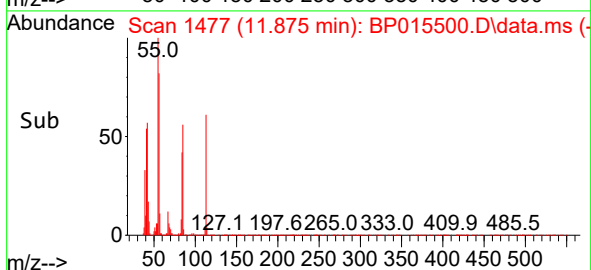
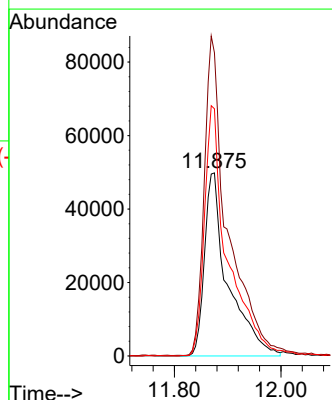
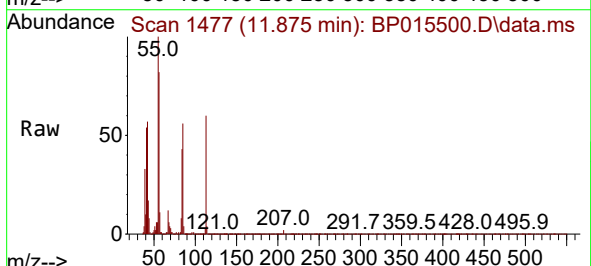
Tgt Ion:113 Resp: 152247

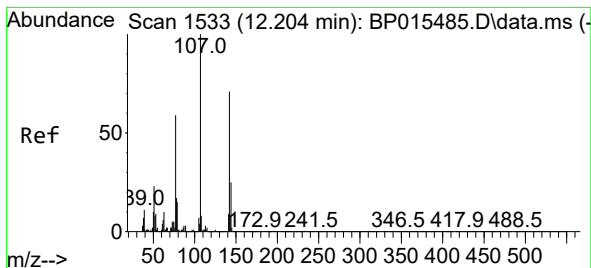
Ion Ratio Lower Upper

113 100

55 165.6 127.9 191.9

56 135.0 101.1 151.7

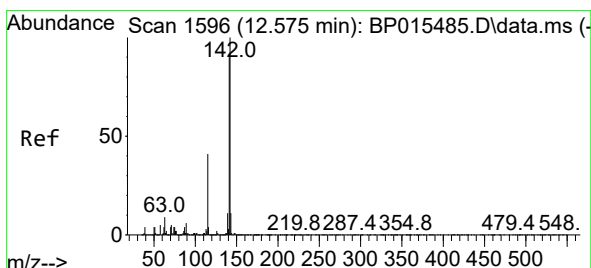
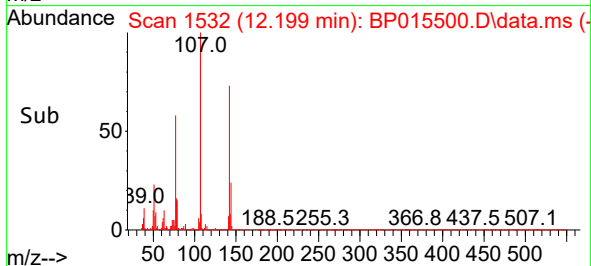
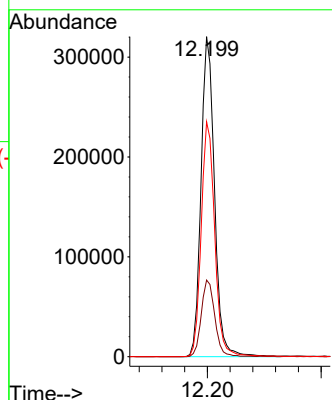
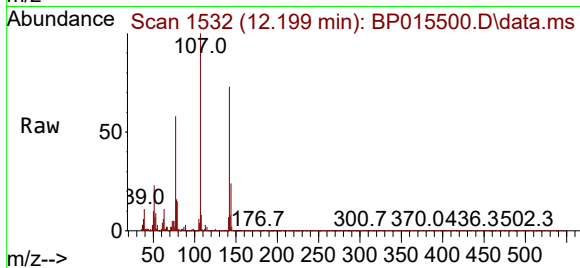




#35
4-Chloro-3-methylphenol
Concen: 38.393 ng/ul
RT: 12.199 min Scan# 1532
Delta R.T. -0.006 min
Lab File: BP015500.D
Acq: 13 Jun 2023 17:16

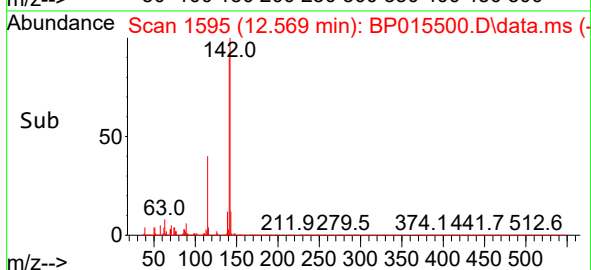
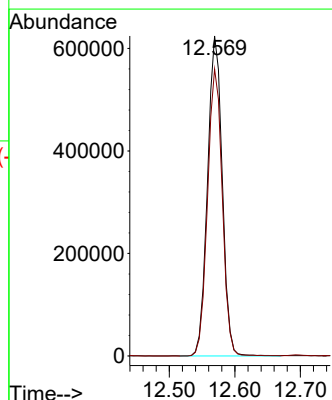
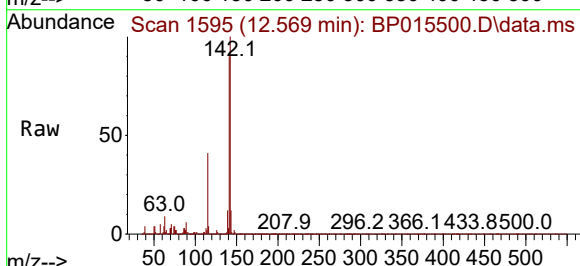
Instrument :
BNA_P
ClientSampleId :
SLCS343

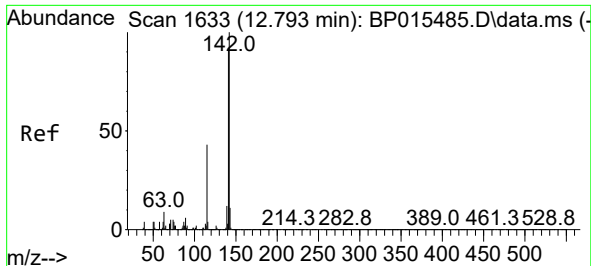
Tgt Ion:107 Resp: 527750
Ion Ratio Lower Upper
107 100
144 23.9 19.4 29.0
142 73.4 60.4 90.6



#36
2-Methylnaphthalene
Concen: 36.593 ng/ul
RT: 12.569 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BP015500.D
Acq: 13 Jun 2023 17:16

Tgt Ion:142 Resp: 972565
Ion Ratio Lower Upper
142 100
141 89.7 72.0 108.0





#37

1-Methylnaphthalene

Concen: 36.223 ng/ul

RT: 12.787 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP015500.D

Acq: 13 Jun 2023 17:16

Instrument :

BNA_P

ClientSampleId :

SLCS343

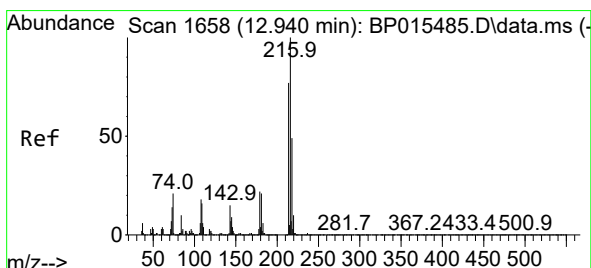
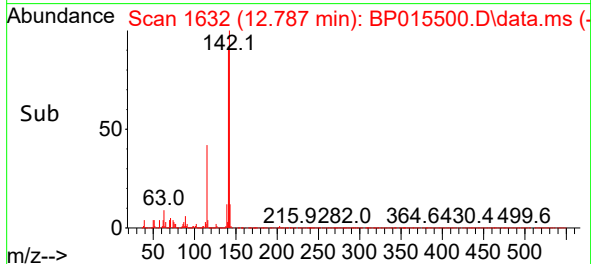
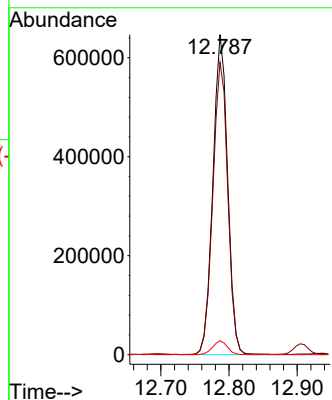
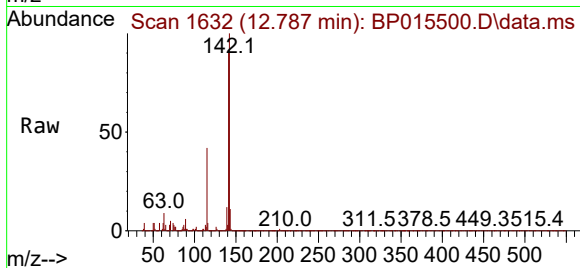
Tgt Ion:142 Resp: 969319

Ion Ratio Lower Upper

142 100

141 91.4 71.9 107.9

116 4.3 3.4 5.2



#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.652 ng/ul

RT: 12.934 min Scan# 1657

Delta R.T. -0.006 min

Lab File: BP015500.D

Acq: 13 Jun 2023 17:16

Tgt Ion:216 Resp: 554986

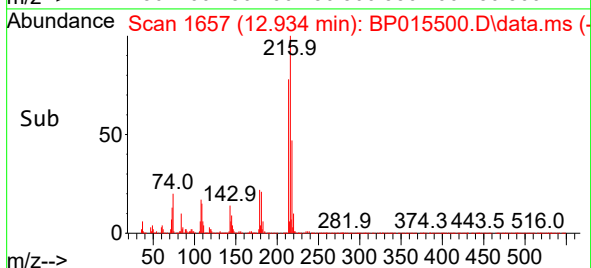
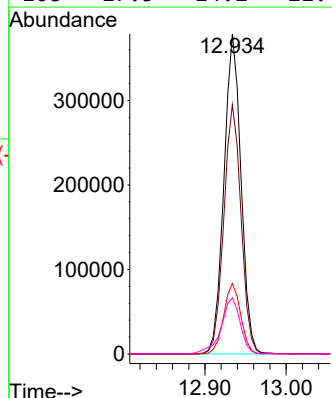
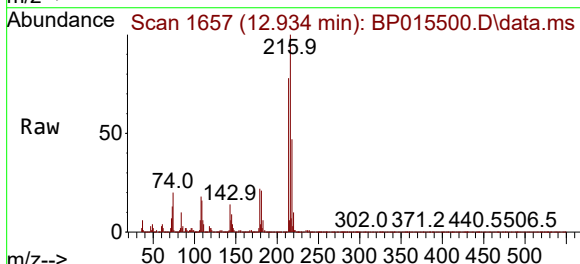
Ion Ratio Lower Upper

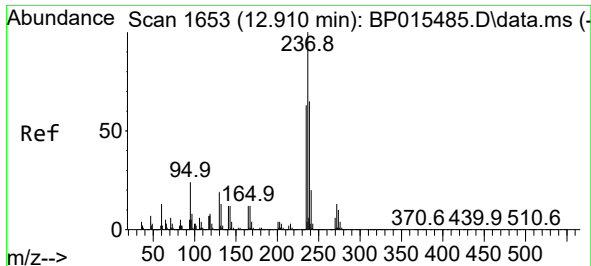
216 100

214 77.9 62.2 93.2

179 22.0 17.4 26.2

108 17.5 14.2 21.4

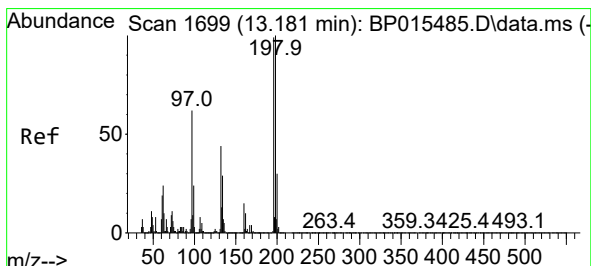
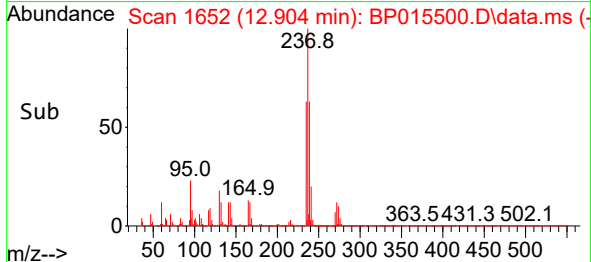
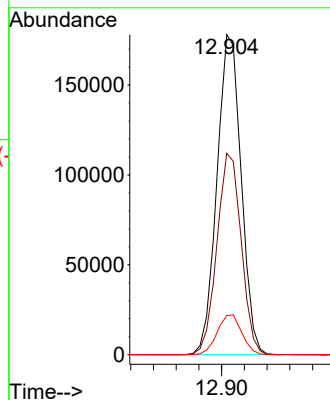
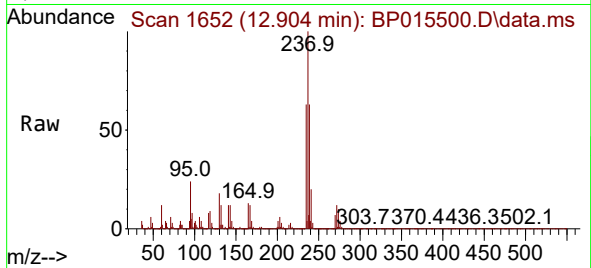




#40
Hexachlorocyclopentadiene
Concen: 44.821 ng/ul
RT: 12.904 min Scan# 1652
Delta R.T. -0.006 min
Lab File: BP015500.D
Acq: 13 Jun 2023 17:16

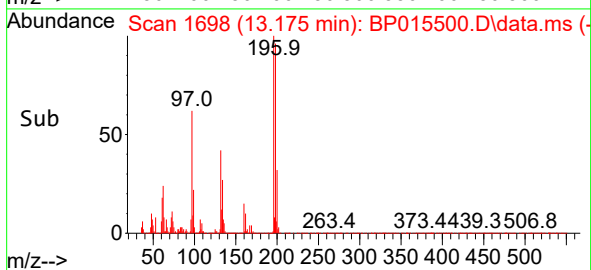
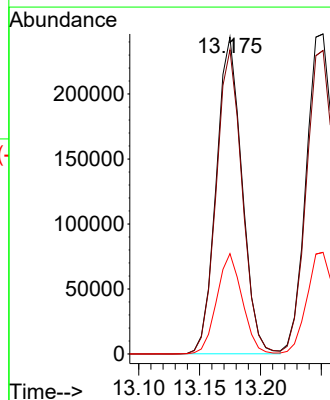
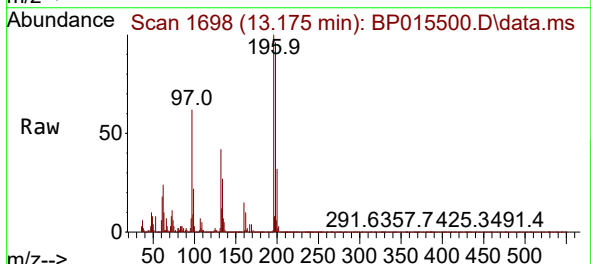
Instrument :
BNA_P
ClientSampleId :
SLCS343

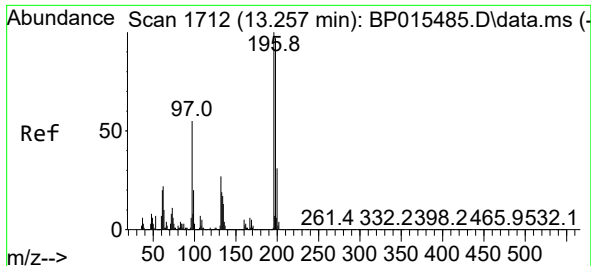
Tgt Ion:237 Resp: 263801
Ion Ratio Lower Upper
237 100
235 63.0 48.2 72.2
272 12.2 10.3 15.5



#41
2,4,6-Trichlorophenol
Concen: 37.536 ng/ul
RT: 13.175 min Scan# 1698
Delta R.T. -0.000 min
Lab File: BP015500.D
Acq: 13 Jun 2023 17:16

Tgt Ion:196 Resp: 358713
Ion Ratio Lower Upper
196 100
198 96.0 77.8 116.6
200 31.7 25.8 38.6

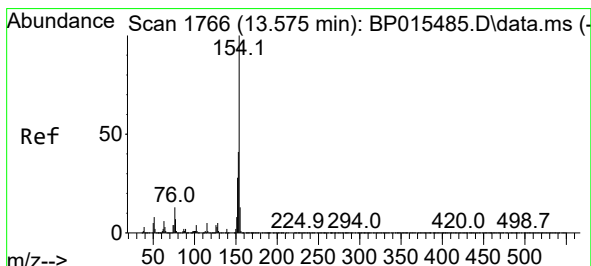
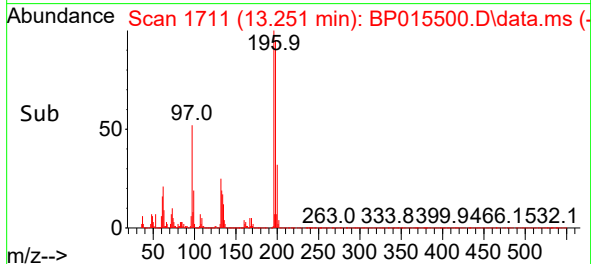
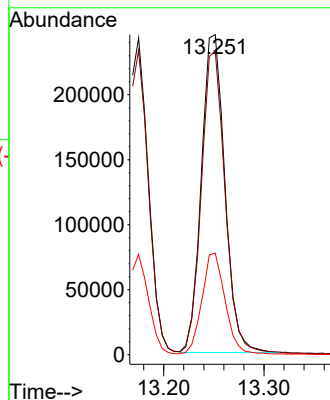
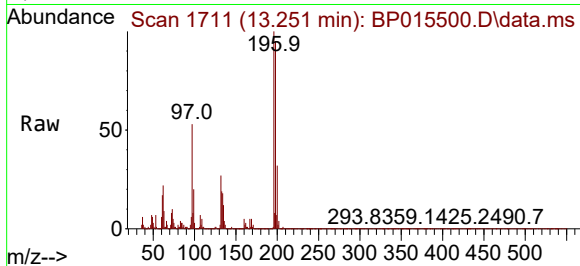




#42
2,4,5-Trichlorophenol
Concen: 38.328 ng/ul
RT: 13.251 min Scan# 1711
Delta R.T. -0.000 min
Lab File: BP015500.D
Acq: 13 Jun 2023 17:16

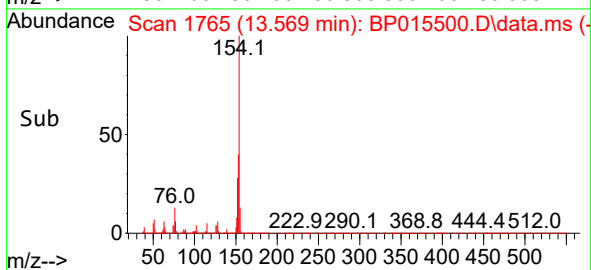
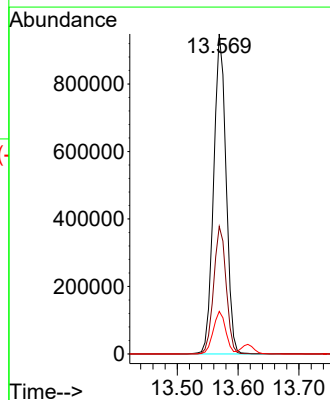
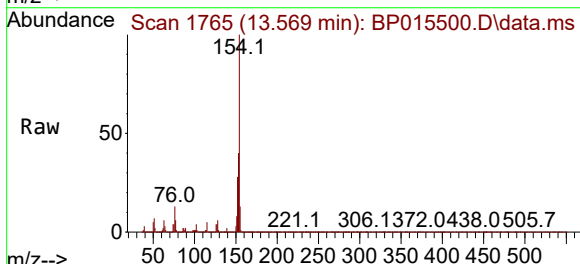
Instrument :
BNA_P
ClientSampleId :
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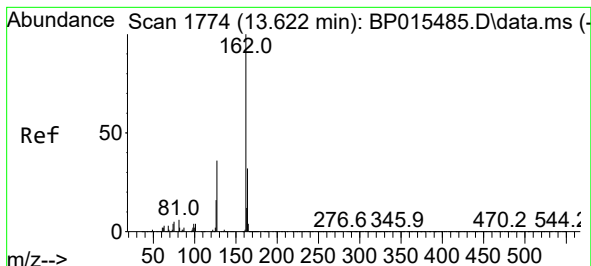
Tgt Ion:196 Resp: 399144
Ion Ratio Lower Upper
196 100
198 94.9 75.5 113.3
200 31.8 24.7 37.1



#43
1,1'-Biphenyl
Concen: 37.753 ng/ul
RT: 13.569 min Scan# 1765
Delta R.T. -0.006 min
Lab File: BP015500.D
Acq: 13 Jun 2023 17:16

Tgt Ion:154 Resp: 1346238
Ion Ratio Lower Upper
154 100
153 39.9 32.2 48.2
76 13.3 10.4 15.6





#44

2-Chloronaphthalene

Concen: 38.058 ng/ul

RT: 13.616 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP015500.D

Acq: 13 Jun 2023 17:16

Instrument :

BNA_P

ClientSampleId :

SLCS343

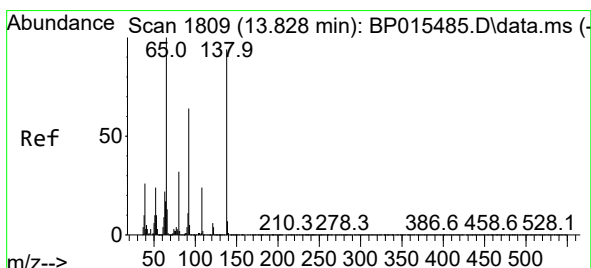
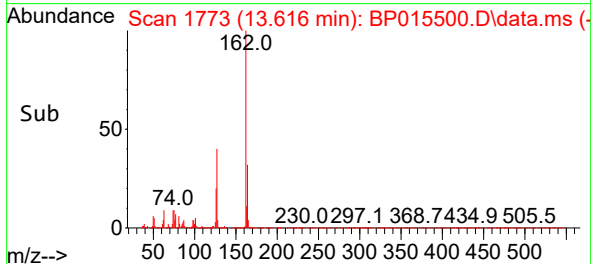
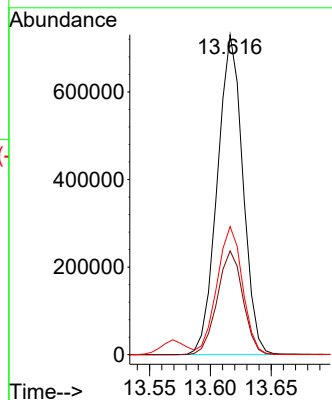
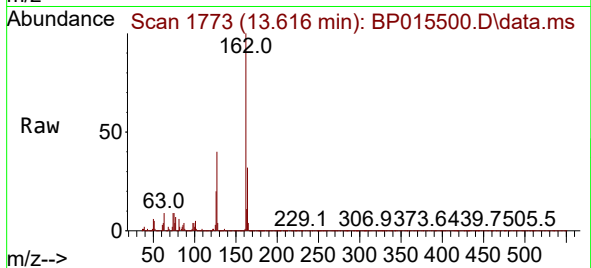
Tgt Ion:162 Resp: 1064774

Ion Ratio Lower Upper

162 100

164 32.5 27.0 40.6

127 40.1 32.2 48.4



#45

2-Nitroaniline

Concen: 40.185 ng/ul

RT: 13.822 min Scan# 1808

Delta R.T. -0.006 min

Lab File: BP015500.D

Acq: 13 Jun 2023 17:16

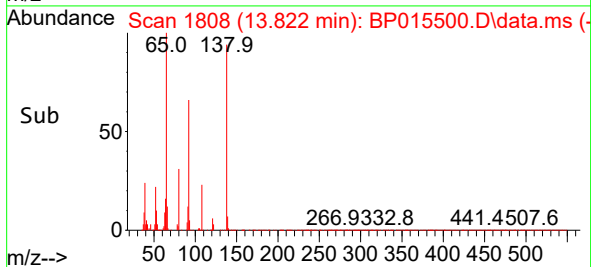
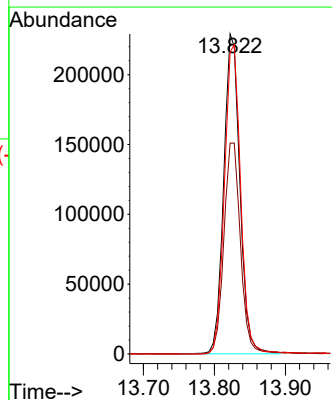
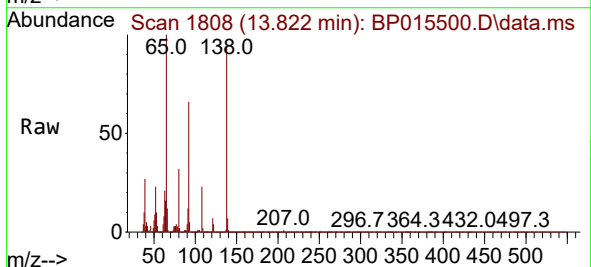
Tgt Ion: 65 Resp: 359822

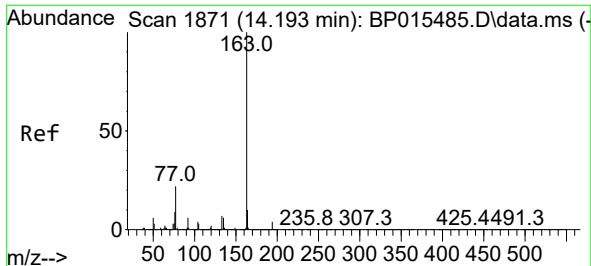
Ion Ratio Lower Upper

65 100

92 65.9 55.4 83.2

138 94.4 78.8 118.2

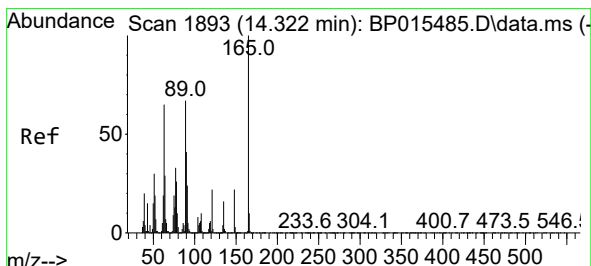
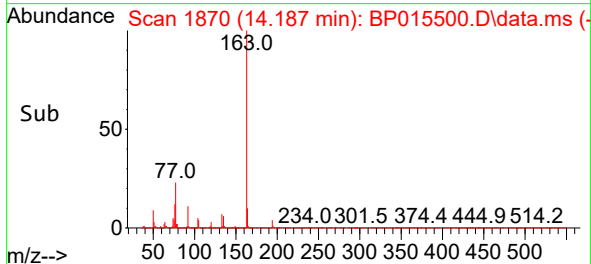
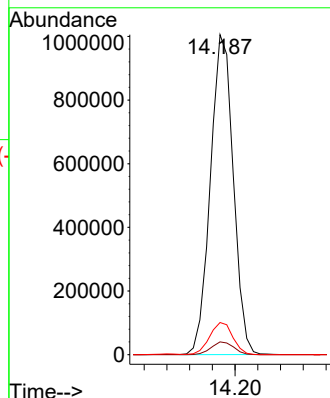
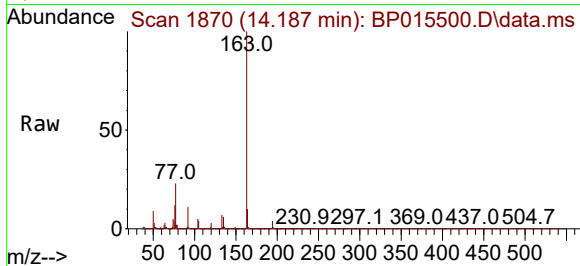




#47
Dimethylphthalate
Concen: 37.413 ng/ul
RT: 14.187 min Scan# 1870
Delta R.T. -0.000 min
Lab File: BP015500.D
Acq: 13 Jun 2023 17:16

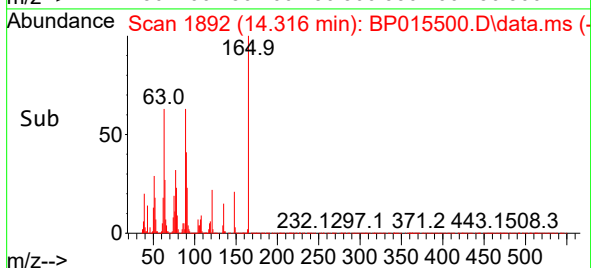
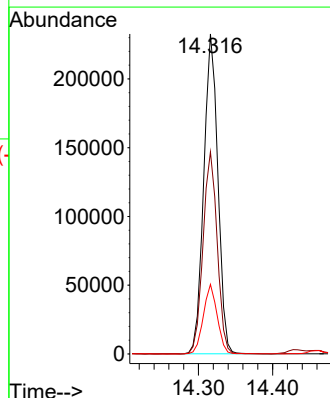
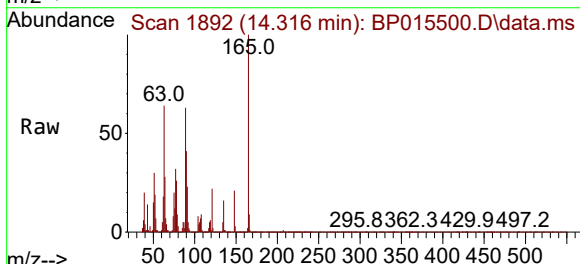
Instrument :
BNA_P
ClientSampleId :
SLCS343

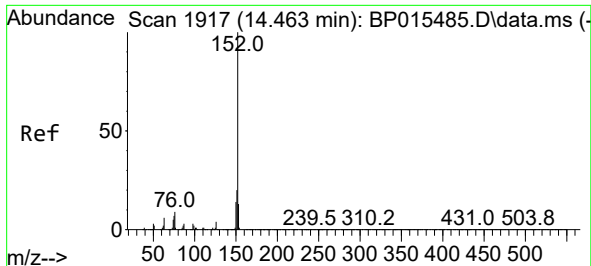
Tgt Ion:163 Resp: 1404566
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.1 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 39.987 ng/ul
RT: 14.316 min Scan# 1892
Delta R.T. -0.000 min
Lab File: BP015500.D
Acq: 13 Jun 2023 17:16

Tgt Ion:165 Resp: 307564
Ion Ratio Lower Upper
165 100
89 63.2 51.5 77.3
121 21.7 17.3 25.9

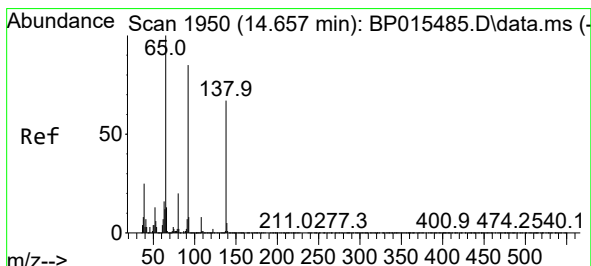
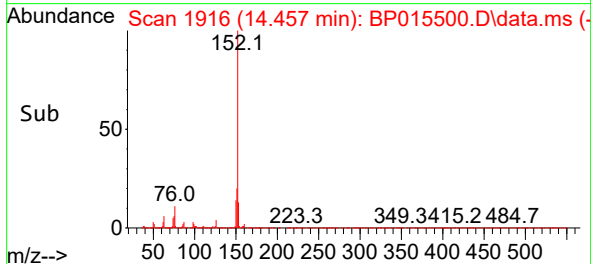
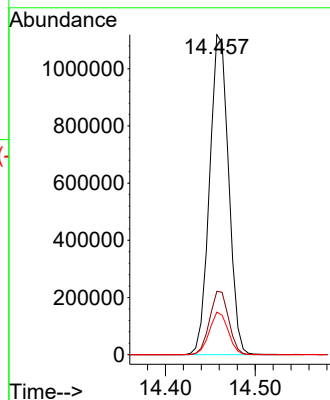
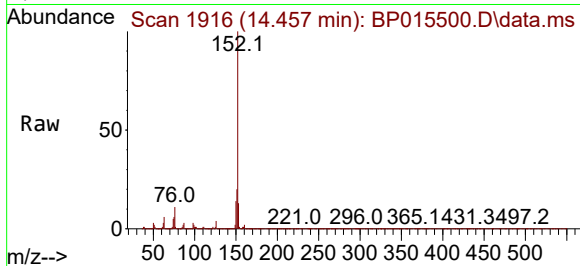




#50
Acenaphthylene
Concen: 37.396 ng/ul
RT: 14.457 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP015500.D
Acq: 13 Jun 2023 17:16

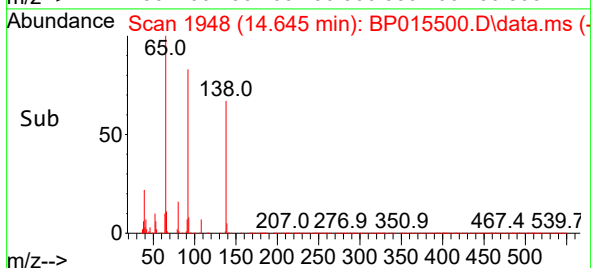
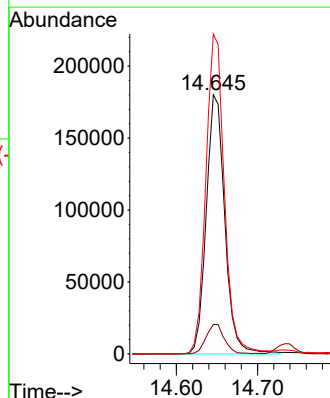
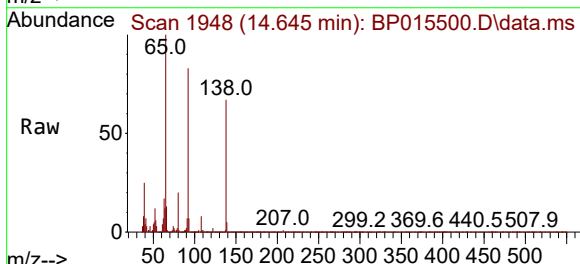
Instrument :
BNA_P
ClientSampleId :
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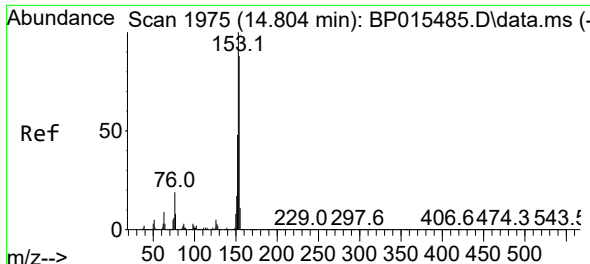
Tgt Ion:152 Resp: 1646537
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.3 10.6 15.8



#51
3-Nitroaniline
Concen: 44.960 ng/ul
RT: 14.645 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP015500.D
Acq: 13 Jun 2023 17:16

Tgt Ion:138 Resp: 285475
Ion Ratio Lower Upper
138 100
108 11.4 8.4 12.6
92 123.5 98.0 147.0

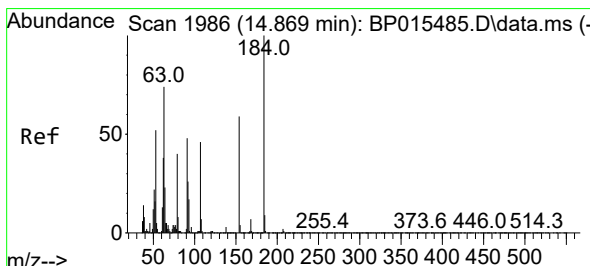
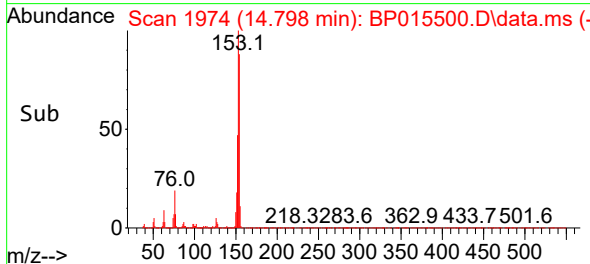
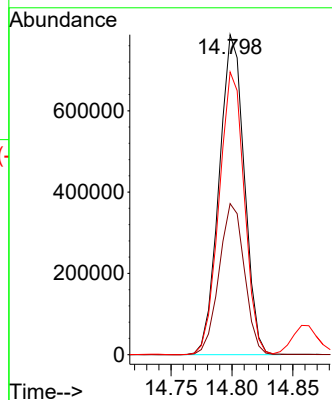
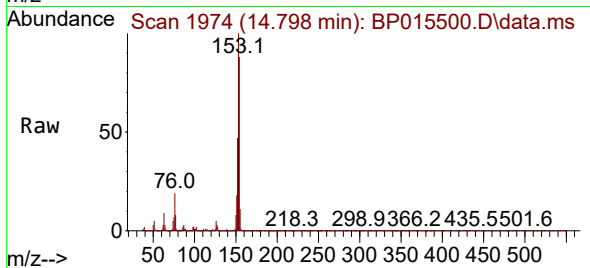




#52
Acenaphthene
Concen: 37.246 ng/ul
RT: 14.798 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BP015500.D
Acq: 13 Jun 2023 17:16

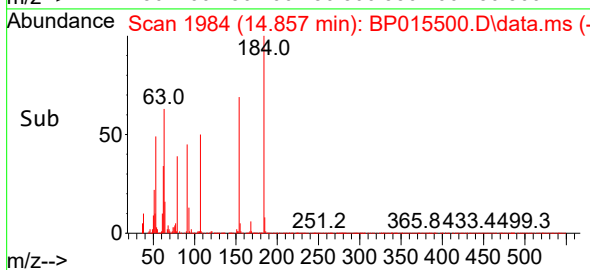
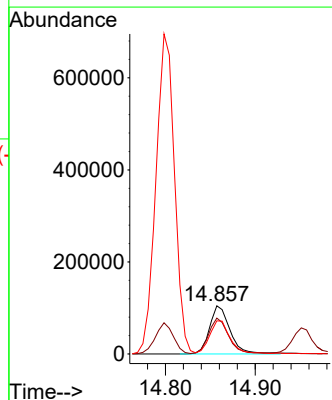
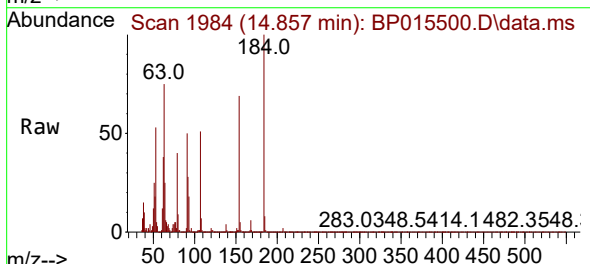
Instrument :
BNA_P
ClientSampleId :
SLCS343

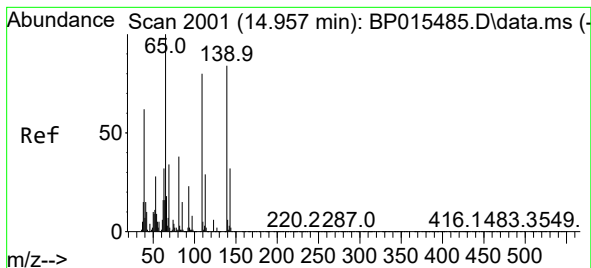
Tgt Ion:153 Resp: 1133590
Ion Ratio Lower Upper
153 100
152 47.2 38.3 57.5
154 88.3 69.8 104.6



#53
2,4-Dinitrophenol
Concen: 35.698 ng/ul
RT: 14.857 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BP015500.D
Acq: 13 Jun 2023 17:16

Tgt Ion:184 Resp: 165169
Ion Ratio Lower Upper
184 100
63 74.6 59.0 88.4
154 68.9 57.6 86.4

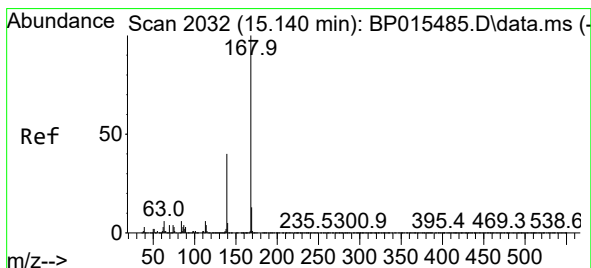
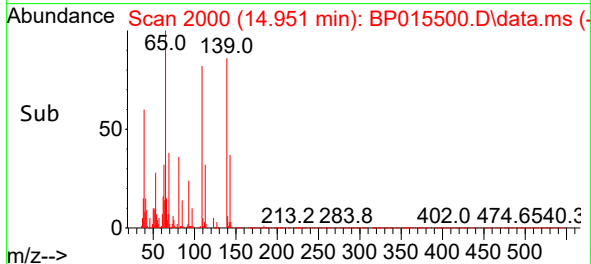
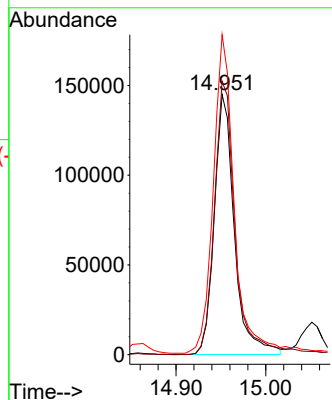
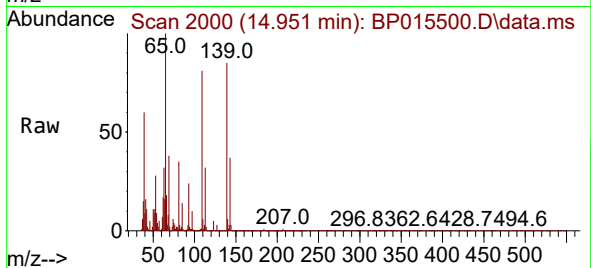




#55
4-Nitrophenol
Concen: 35.893 ng/ul
RT: 14.951 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BP015500.D
Acq: 13 Jun 2023 17:16

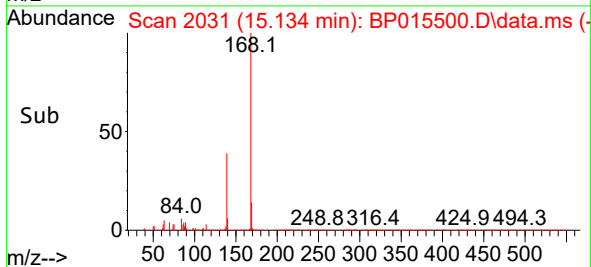
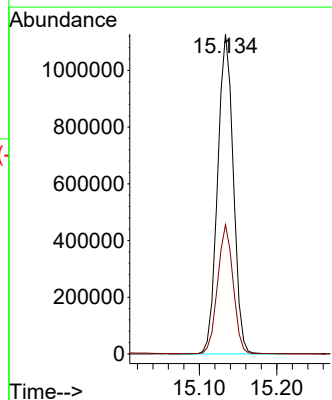
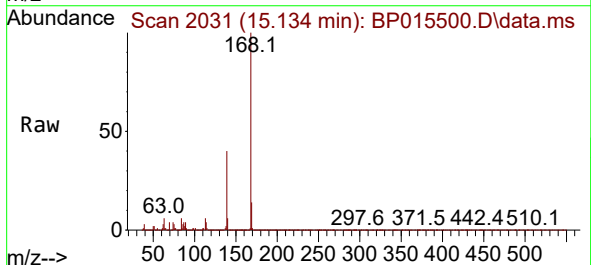
Instrument :
BNA_P
ClientSampleId :
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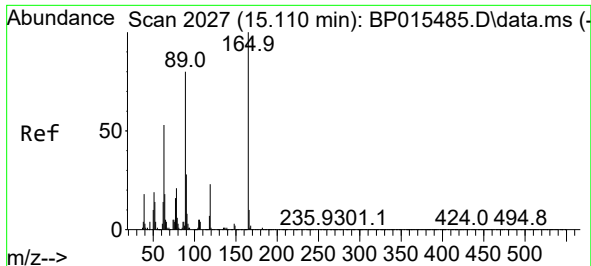
Tgt Ion:109 Resp: 225432
Ion Ratio Lower Upper
109 100
139 105.1 89.1 133.7
65 123.0 103.1 154.7



#56
Dibenzofuran
Concen: 36.958 ng/ul
RT: 15.134 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BP015500.D
Acq: 13 Jun 2023 17:16

Tgt Ion:168 Resp: 1594240
Ion Ratio Lower Upper
168 100
139 40.4 31.2 46.8

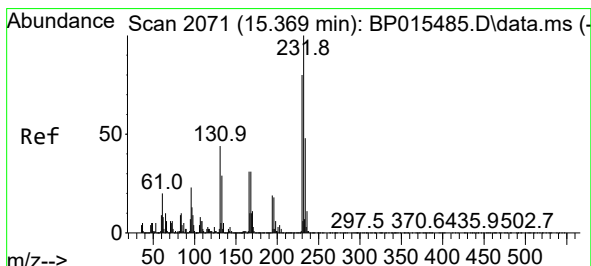
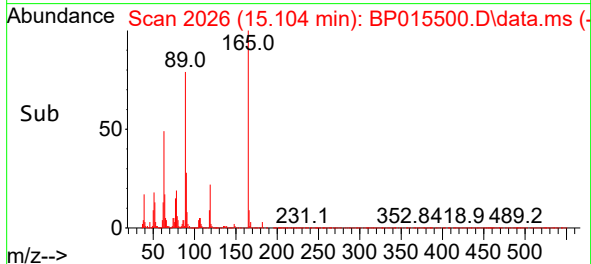
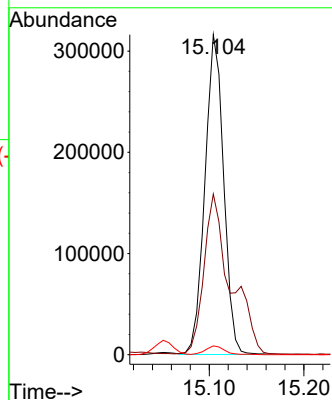
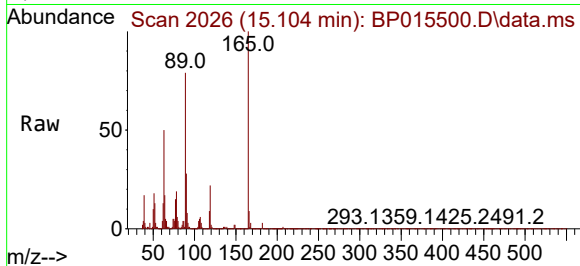




#57
2,4-Dinitrotoluene
Concen: 38.396 ng/ul
RT: 15.104 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BP015500.D
Acq: 13 Jun 2023 17:16

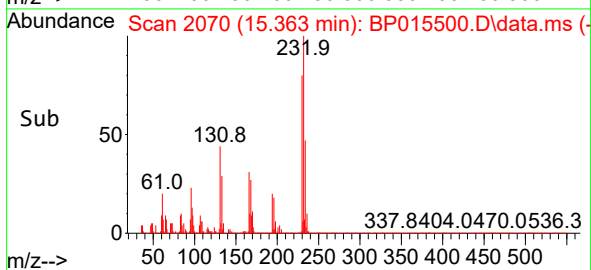
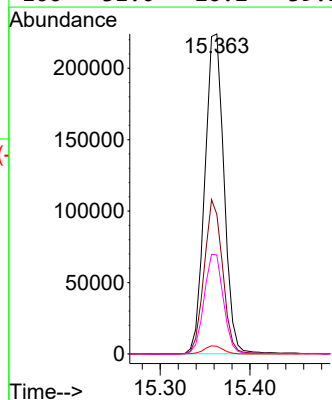
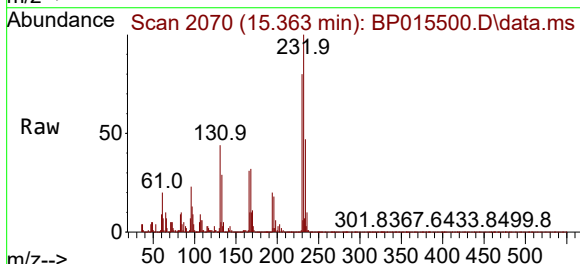
Instrument :
BNA_P
ClientSampleId :
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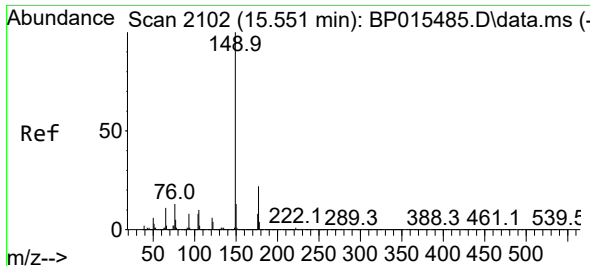
Tgt Ion:165 Resp: 434366
Ion Ratio Lower Upper
165 100
63 50.2 39.1 58.7
182 2.7 2.2 3.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 35.289 ng/ul
RT: 15.363 min Scan# 2070
Delta R.T. 0.000 min
Lab File: BP015500.D
Acq: 13 Jun 2023 17:16

Tgt Ion:232 Resp: 331811
Ion Ratio Lower Upper
232 100
131 43.6 37.8 56.8
130 2.4 1.9 2.9
166 31.0 26.2 39.2

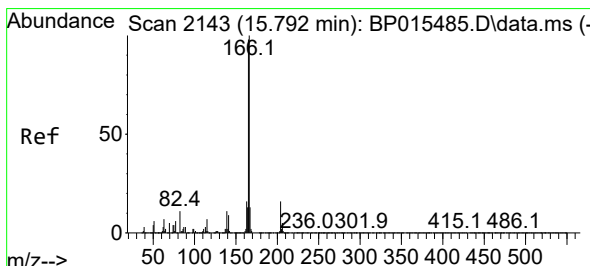
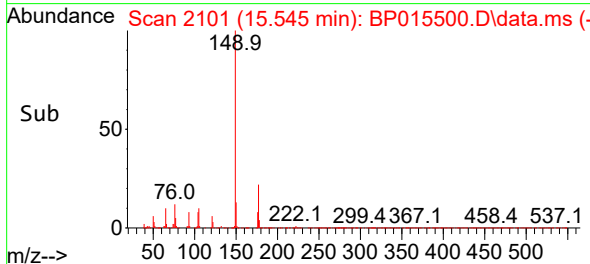
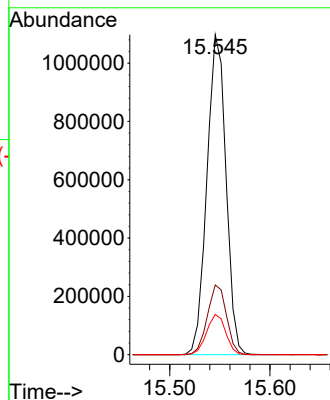
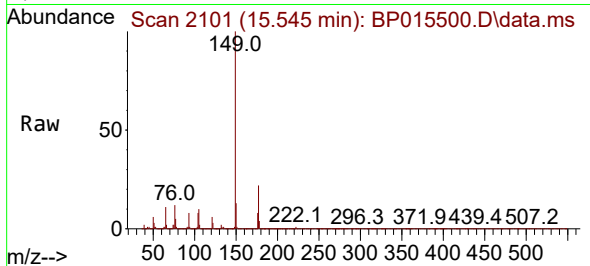




#59
Diethylphthalate
Concen: 37.737 ng/ul
RT: 15.545 min Scan# 2101
Delta R.T. -0.000 min
Lab File: BP015500.D
Acq: 13 Jun 2023 17:16

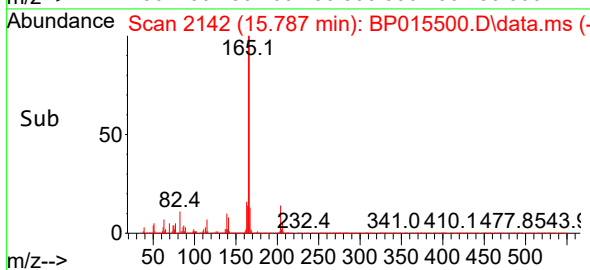
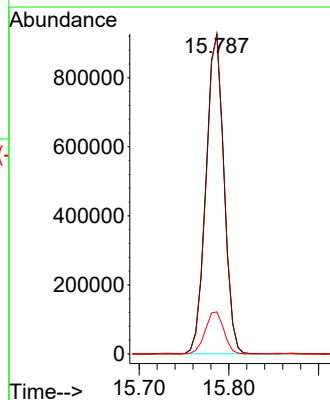
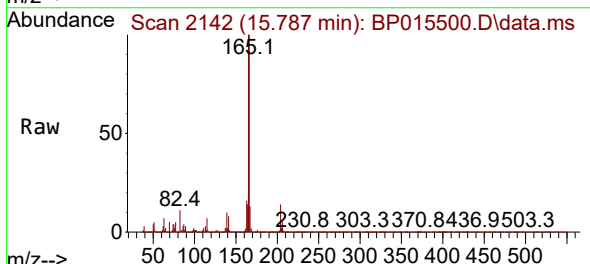
Instrument :
BNA_P
ClientSampleId :
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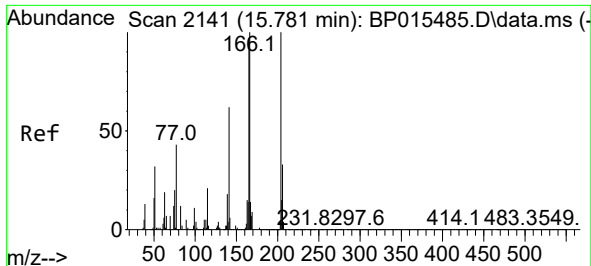
Tgt Ion:149 Resp: 1451979
Ion Ratio Lower Upper
149 100
177 21.8 17.8 26.8
150 12.6 10.1 15.1



#61
Fluorene
Concen: 36.623 ng/ul
RT: 15.787 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BP015500.D
Acq: 13 Jun 2023 17:16

Tgt Ion:166 Resp: 1287850
Ion Ratio Lower Upper
166 100
165 100.4 79.1 118.7
167 13.2 10.6 16.0

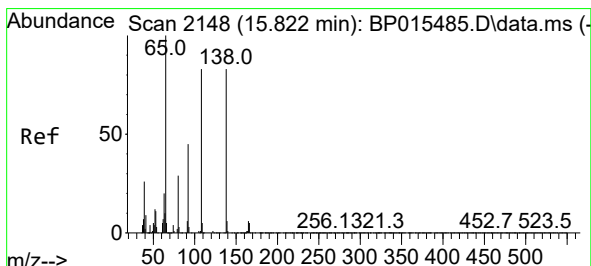
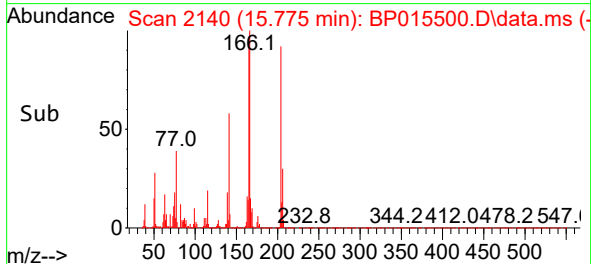
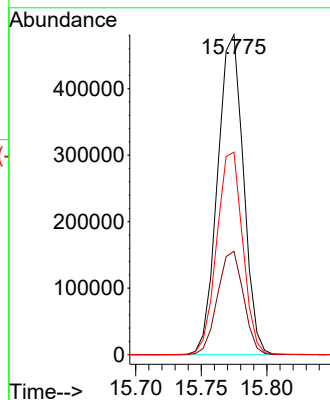
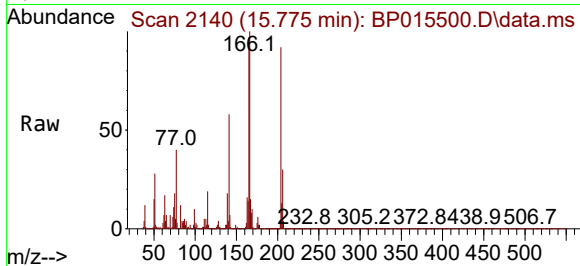




#62
4-Chlorophenyl-phenylether
Concen: 37.271 ng/ul
RT: 15.775 min Scan# 2140
Delta R.T. -0.000 min
Lab File: BP015500.D
Acq: 13 Jun 2023 17:16

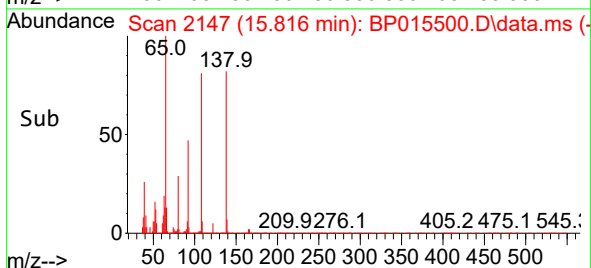
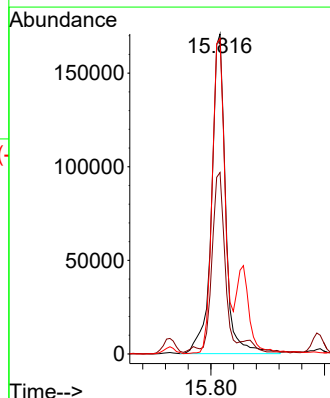
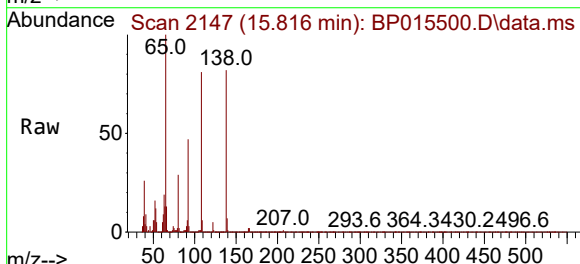
Instrument :
BNA_P
ClientSampleId :
SLCS343

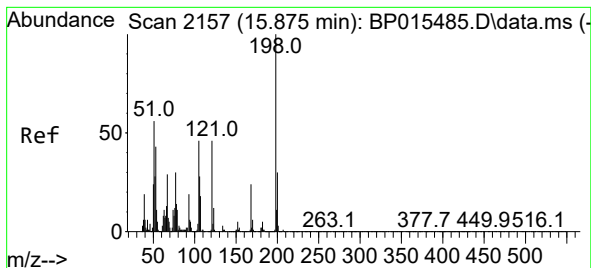
Tgt Ion:204 Resp: 660535
Ion Ratio Lower Upper
204 100
206 32.3 26.6 40.0
141 63.3 49.8 74.8



#63
4-Nitroaniline
Concen: 48.597 ng/ul
RT: 15.816 min Scan# 2147
Delta R.T. 0.006 min
Lab File: BP015500.D
Acq: 13 Jun 2023 17:16

Tgt Ion:138 Resp: 292688
Ion Ratio Lower Upper
138 100
92 56.7 44.6 67.0
108 98.5 78.4 117.6

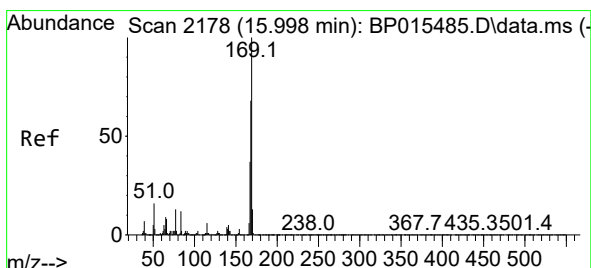
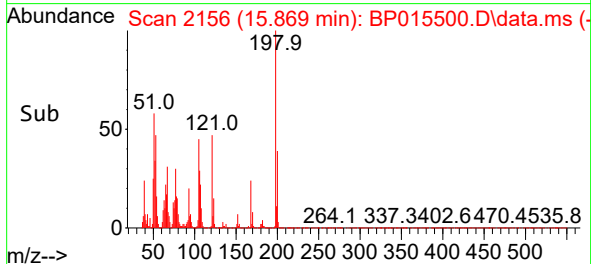
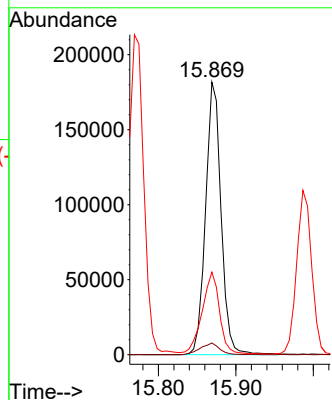
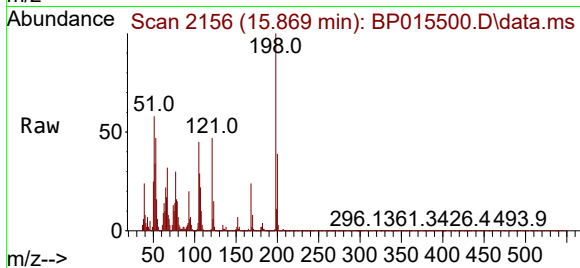




#66
4,6-Dinitro-2-methylphenol
Concen: 37.253 ng/ul
RT: 15.869 min Scan# 2157
Delta R.T. -0.000 min
Lab File: BP015500.D
Acq: 13 Jun 2023 17:16

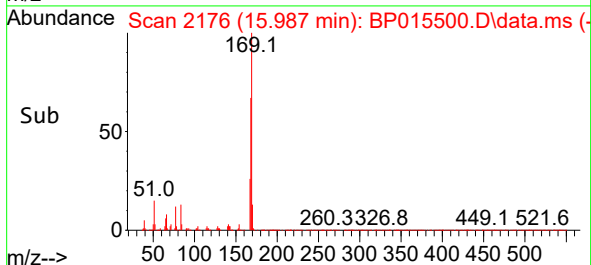
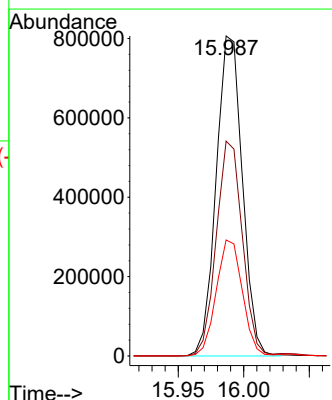
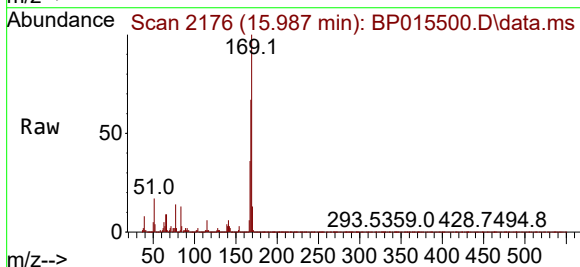
Instrument :
BNA_P
ClientSampleId :
SLCS343

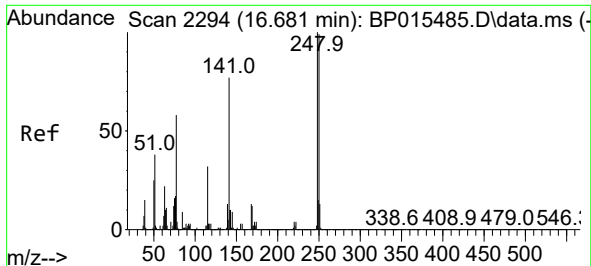
Tgt Ion:198 Resp: 252512
Ion Ratio Lower Upper
198 100
182 4.3 3.0 4.4
77 30.3 20.5 30.7



#67
N-Nitrosodiphenylamine
Concen: 37.659 ng/ul
RT: 15.987 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BP015500.D
Acq: 13 Jun 2023 17:16

Tgt Ion:169 Resp: 1120837
Ion Ratio Lower Upper
169 100
168 67.1 53.0 79.4
167 36.3 28.9 43.3

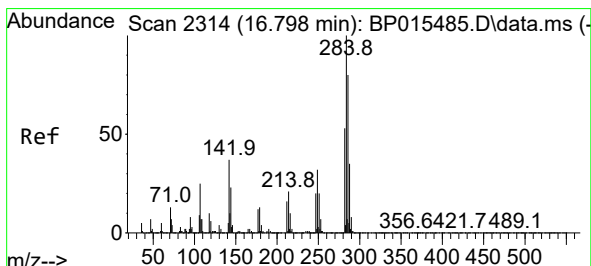
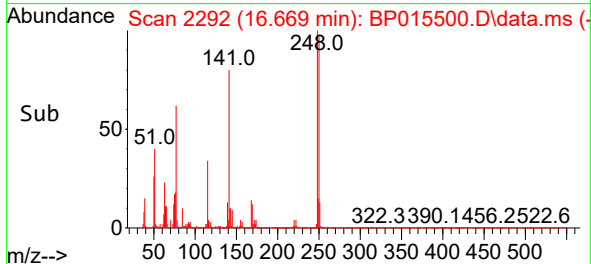
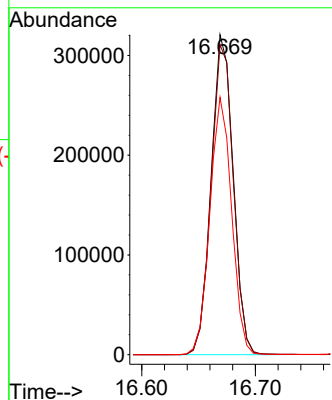
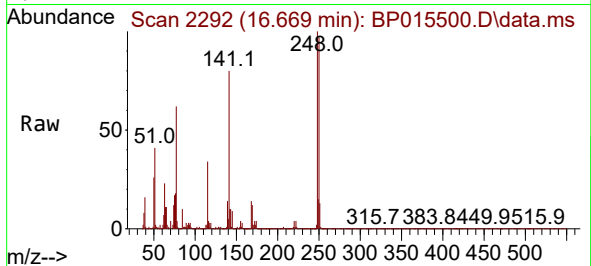




#68
4-Bromophenyl-phenylether
Concen: 38.564 ng/ul
RT: 16.669 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP015500.D
Acq: 13 Jun 2023 17:16

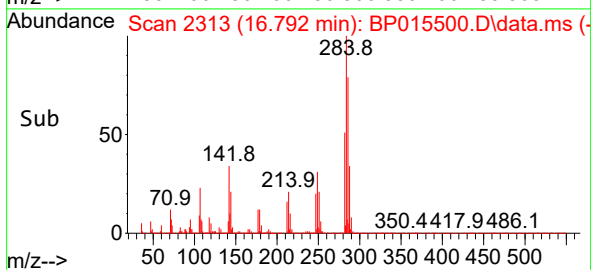
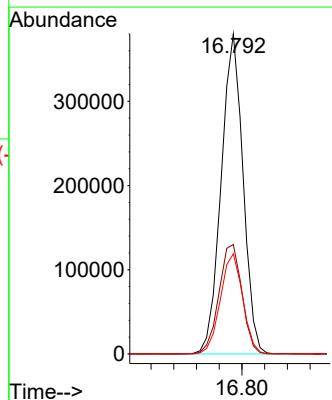
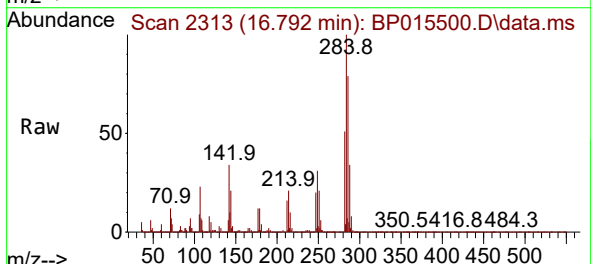
Instrument :
BNA_P
ClientSampleId :
SLCS343

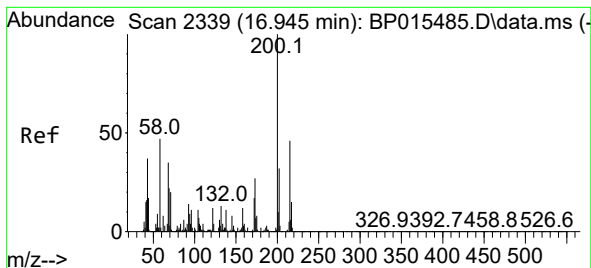
Tgt Ion:248 Resp: 432825
Ion Ratio Lower Upper
248 100
250 96.9 78.3 117.5
141 80.4 61.1 91.7



#69
Hexachlorobenzene
Concen: 38.333 ng/ul
RT: 16.792 min Scan# 2313
Delta R.T. -0.000 min
Lab File: BP015500.D
Acq: 13 Jun 2023 17:16

Tgt Ion:284 Resp: 507499
Ion Ratio Lower Upper
284 100
142 34.2 25.4 38.2
249 31.3 24.8 37.2





#70

Atrazine

Concen: 10.380 ng/ul

RT: 16.939 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015500.D

Acq: 13 Jun 2023 17:16

Instrument :

BNA_P

ClientSampleId :

SLCS343

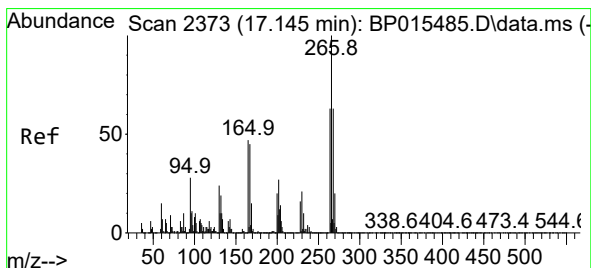
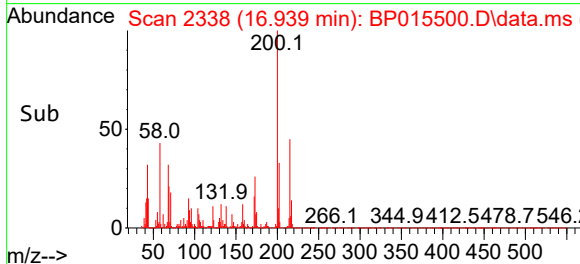
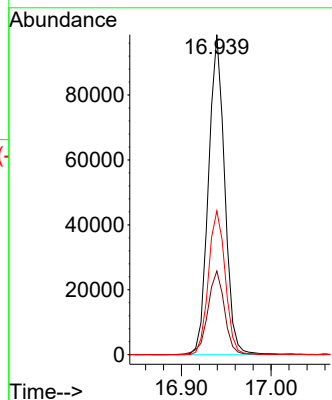
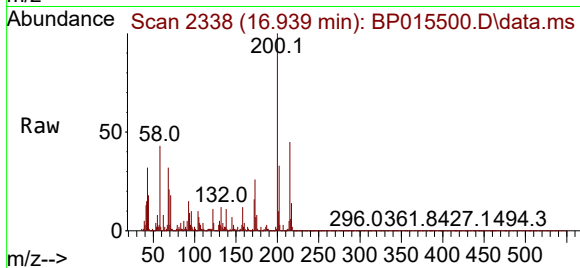
Tgt Ion:200 Resp: 123372

Ion Ratio Lower Upper

200 100

173 26.2 19.8 29.6

215 44.9 37.4 56.0



#71

Pentachlorophenol

Concen: 35.849 ng/ul

RT: 17.139 min Scan# 2372

Delta R.T. -0.000 min

Lab File: BP015500.D

Acq: 13 Jun 2023 17:16

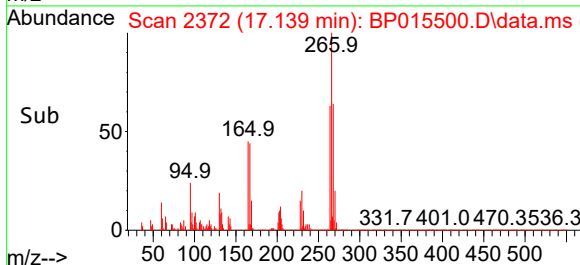
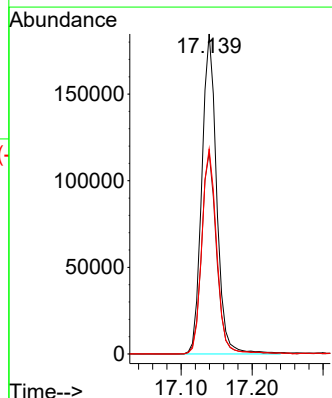
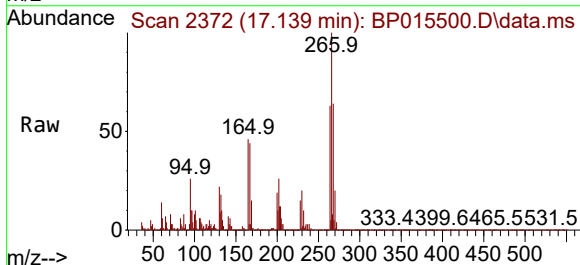
Tgt Ion:266 Resp: 268260

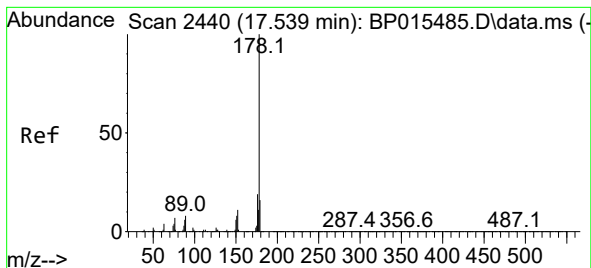
Ion Ratio Lower Upper

266 100

264 62.9 49.6 74.4

268 64.1 51.0 76.6





#72

Phenanthrene

Concen: 38.172 ng/ul

RT: 17.534 min Scan# 2440

Delta R.T. -0.006 min

Lab File: BP015500.D

Acq: 13 Jun 2023 17:16

Instrument :

BNA_P

ClientSampleId :

SLCS343

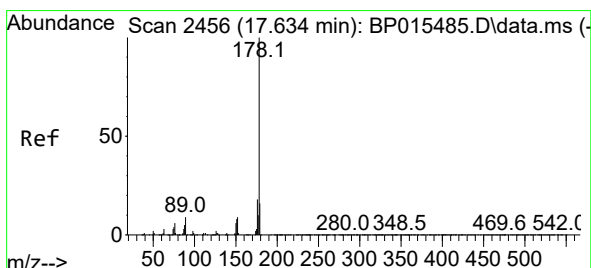
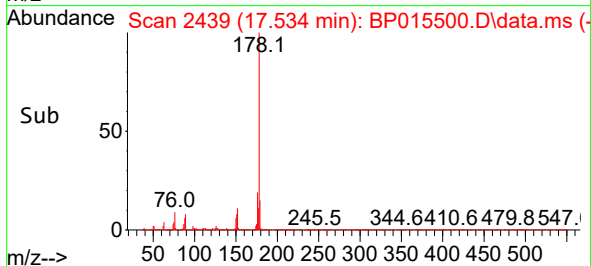
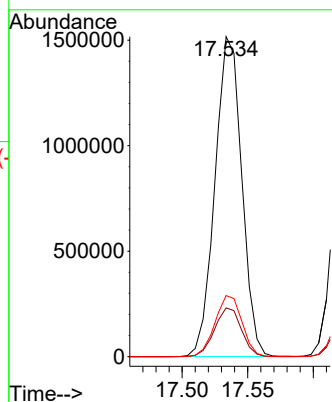
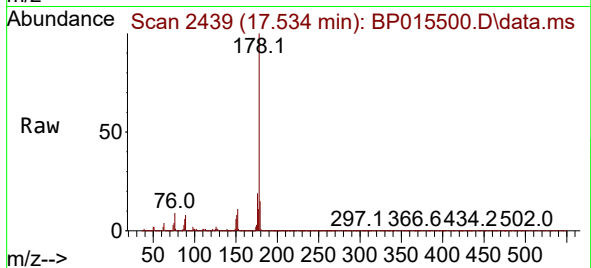
Tgt Ion:178 Resp: 2149012

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

176 19.1 15.4 23.0



#74

Anthracene

Concen: 37.296 ng/ul

RT: 17.628 min Scan# 2455

Delta R.T. -0.000 min

Lab File: BP015500.D

Acq: 13 Jun 2023 17:16

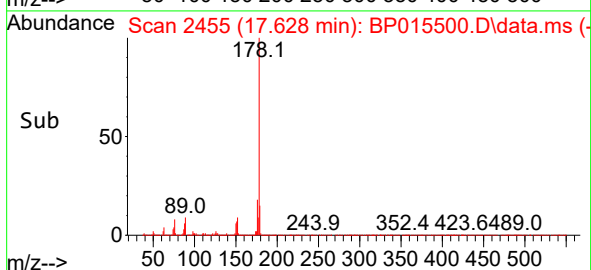
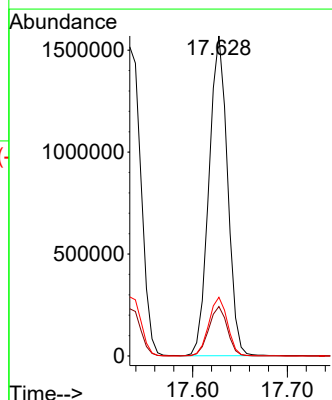
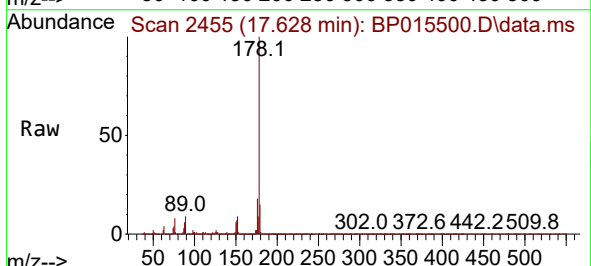
Tgt Ion:178 Resp: 2130431

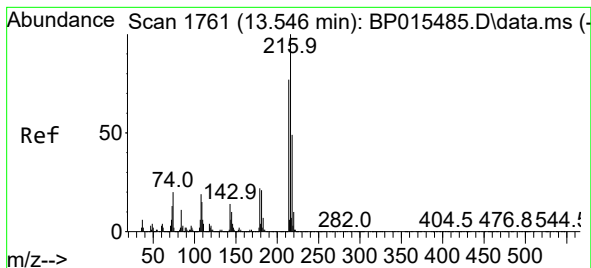
Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

176 18.3 15.0 22.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 39.446 ng/uL

RT: 13.540 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP015500.D

Acq: 13 Jun 2023 17:16

Instrument :

BNA_P

ClientSampleId :

SLCS343

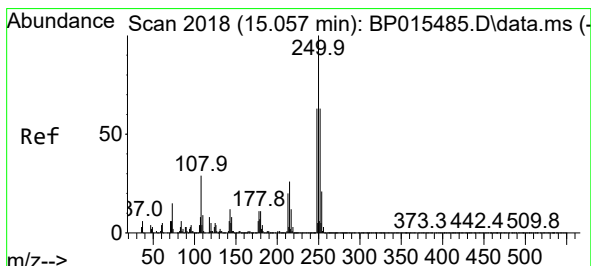
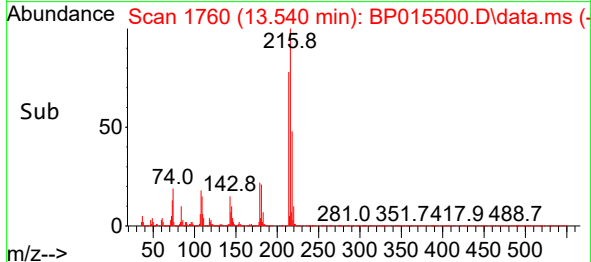
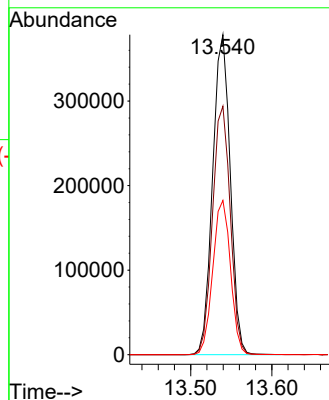
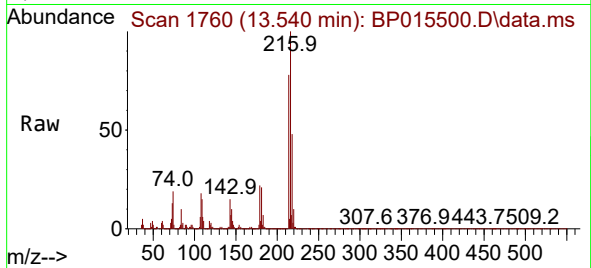
Tgt Ion:216 Resp: 571142

Ion Ratio Lower Upper

216 100

214 77.7 62.1 93.1

218 48.2 39.0 58.4



#76

Pentachlorobenzene

Concen: 36.884 ng/uL

RT: 15.051 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BP015500.D

Acq: 13 Jun 2023 17:16

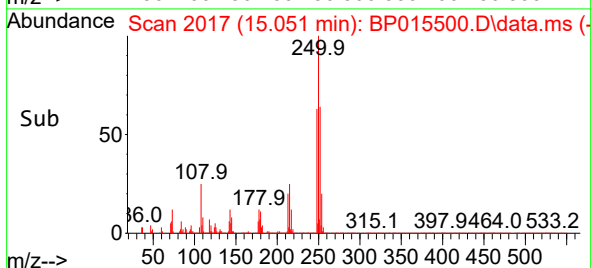
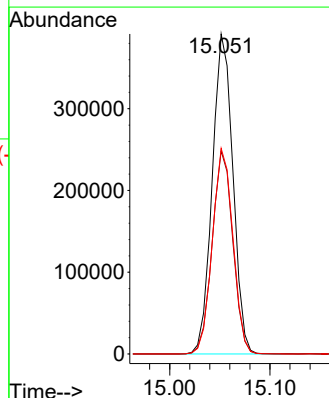
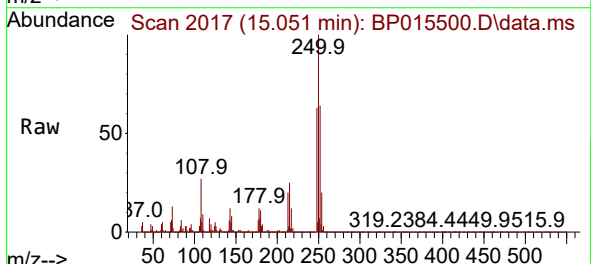
Tgt Ion:250 Resp: 559138

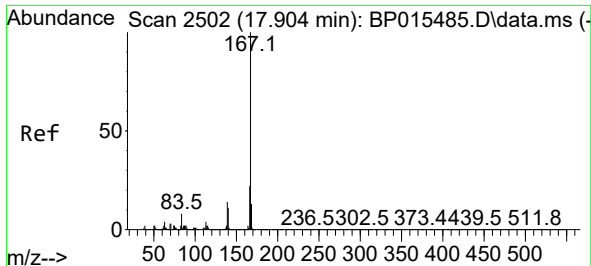
Ion Ratio Lower Upper

250 100

248 63.5 49.0 73.4

252 64.2 49.9 74.9

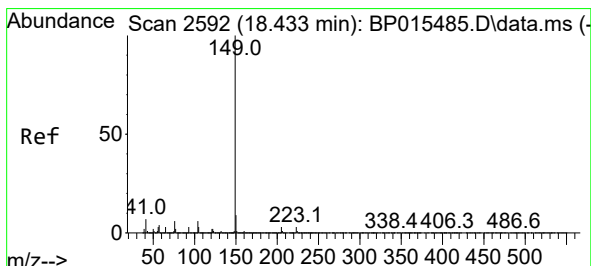
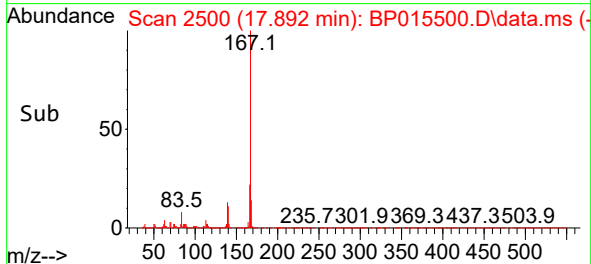
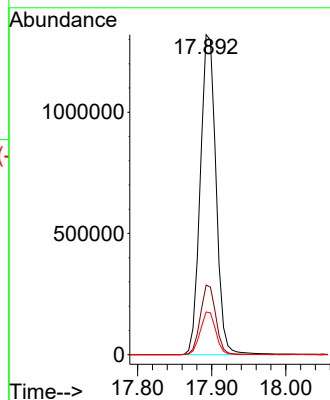
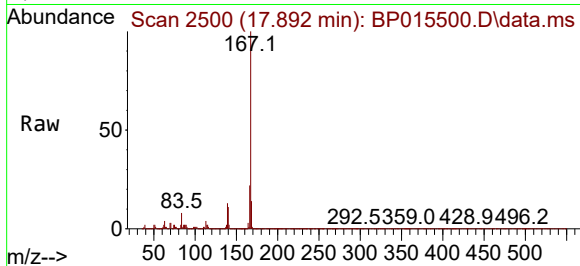




#77
 Carbazole
 Concen: 37.797 ng/ul
 RT: 17.892 min Scan# 2500
 Delta R.T. -0.006 min
 Lab File: BP015500.D
 Acq: 13 Jun 2023 17:16

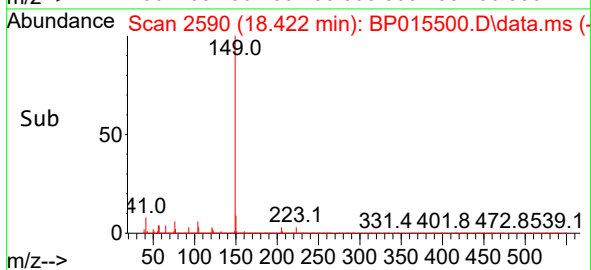
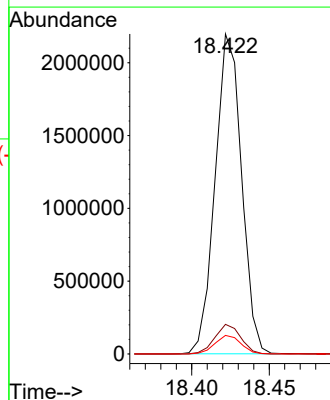
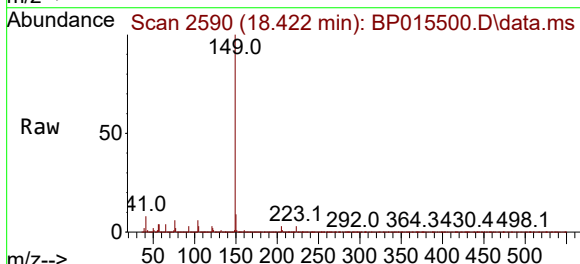
Instrument :
 BNA_P
 ClientSampleId :
 SLCS343

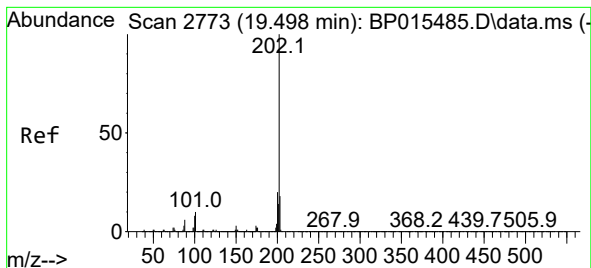
Tgt Ion:167 Resp: 1944083
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 13.3 10.6 16.0



#78
 Di-n-butylphthalate
 Concen: 39.918 ng/ul
 RT: 18.422 min Scan# 2590
 Delta R.T. -0.006 min
 Lab File: BP015500.D
 Acq: 13 Jun 2023 17:16

Tgt Ion:149 Resp: 2604950
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.1 10.7
 104 5.8 4.5 6.7





#80

Fluoranthene

Concen: 42.485 ng/ul

RT: 19.492 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP015500.D

Acq: 13 Jun 2023 17:16

Instrument :

BNA_P

ClientSampleId :

SLCS343

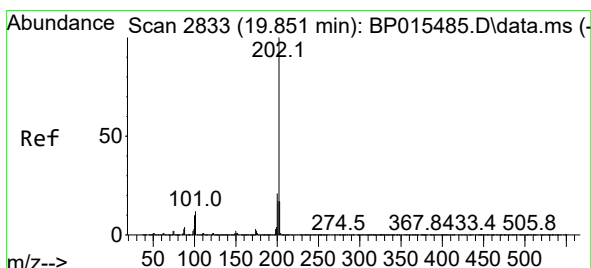
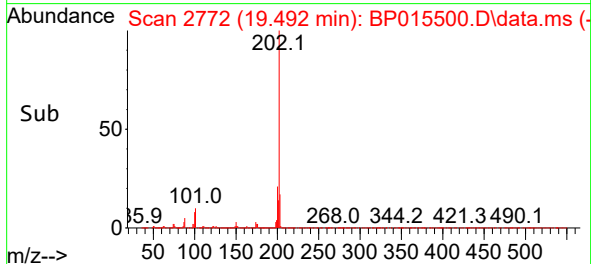
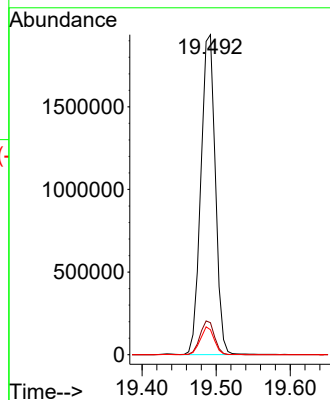
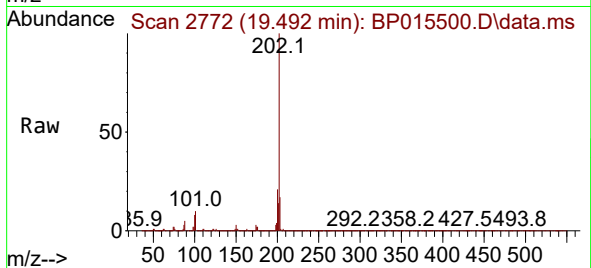
Tgt Ion:202 Resp: 2623589

Ion Ratio Lower Upper

202 100

101 10.0 8.6 13.0

100 7.8 6.6 9.8



#82

Pyrene

Concen: 41.532 ng/ul

RT: 19.845 min Scan# 2832

Delta R.T. 0.000 min

Lab File: BP015500.D

Acq: 13 Jun 2023 17:16

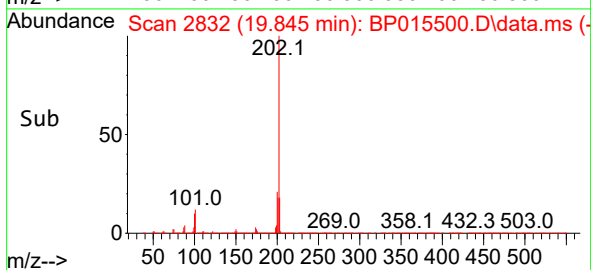
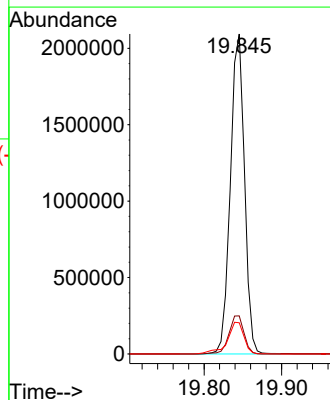
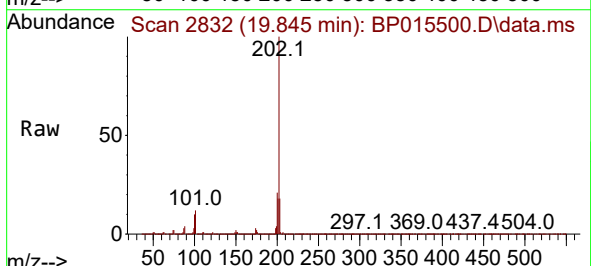
Tgt Ion:202 Resp: 2653453

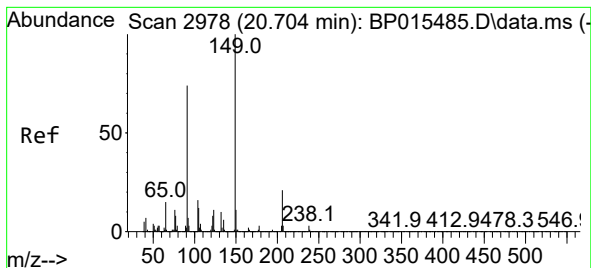
Ion Ratio Lower Upper

202 100

101 11.9 9.9 14.9

100 9.8 8.4 12.6





#83

Butylbenzylphthalate

Concen: 44.475 ng/ul

RT: 20.698 min Scan# 2978

Delta R.T. -0.000 min

Lab File: BP015500.D

Acq: 13 Jun 2023 17:16

Instrument :

BNA_P

ClientSampleId :

SLCS343

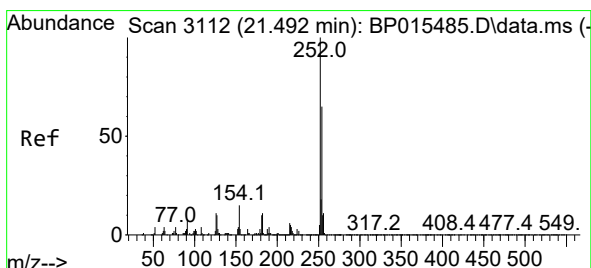
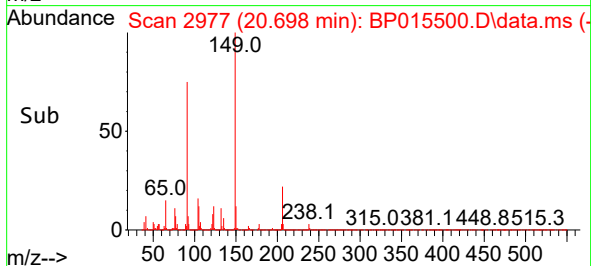
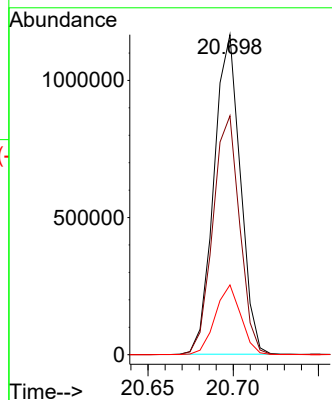
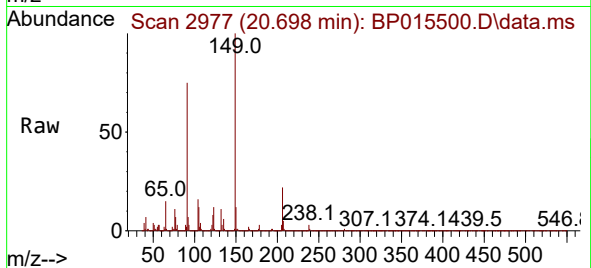
Tgt Ion:149 Resp: 1255889

Ion Ratio Lower Upper

149 100

91 74.7 60.4 90.6

206 21.8 16.4 24.6



#84

3,3'-Dichlorobenzidine

Concen: 39.548 ng/ul

RT: 21.480 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BP015500.D

Acq: 13 Jun 2023 17:16

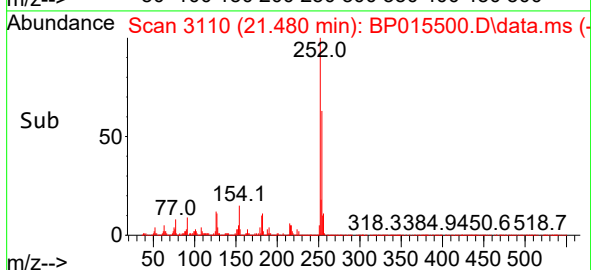
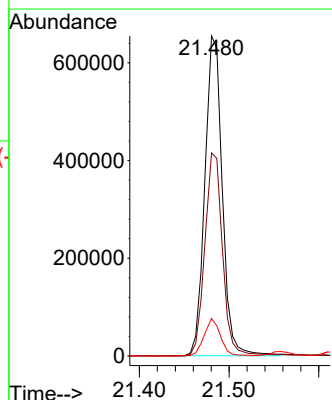
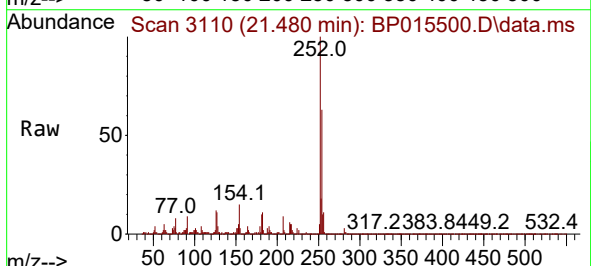
Tgt Ion:252 Resp: 885020

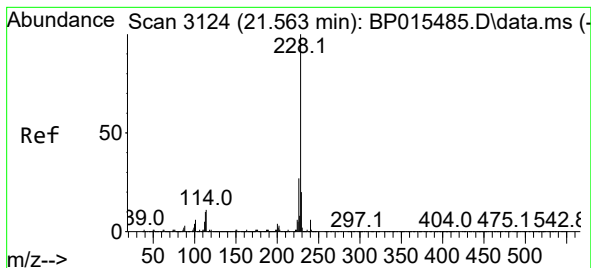
Ion Ratio Lower Upper

252 100

254 63.5 51.6 77.4

126 11.7 8.5 12.7





#85

Benzo(a)anthracene

Concen: 39.407 ng/ul

RT: 21.557 min Scan# 3123

Delta R.T. -0.000 min

Lab File: BP015500.D

Acq: 13 Jun 2023 17:16

Instrument :

BNA_P

ClientSampleId :

SLCS343

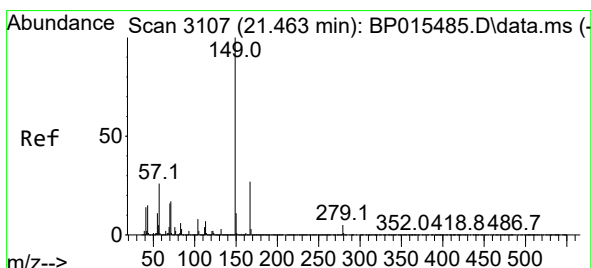
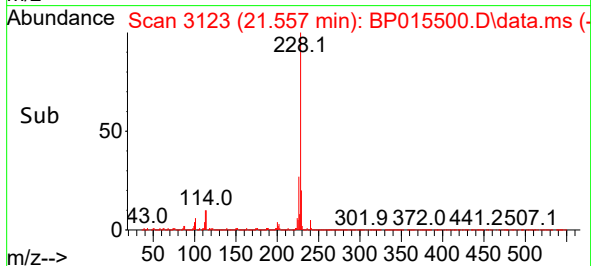
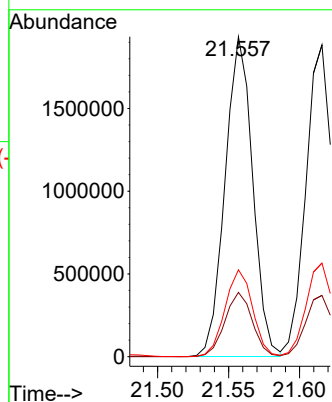
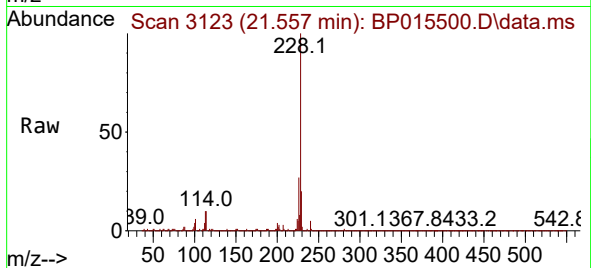
Tgt Ion:228 Resp: 2609473

Ion Ratio Lower Upper

228 100

229 20.1 15.8 23.6

226 27.2 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 45.149 ng/ul

RT: 21.451 min Scan# 3105

Delta R.T. -0.000 min

Lab File: BP015500.D

Acq: 13 Jun 2023 17:16

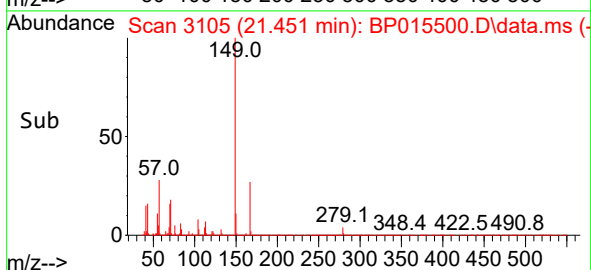
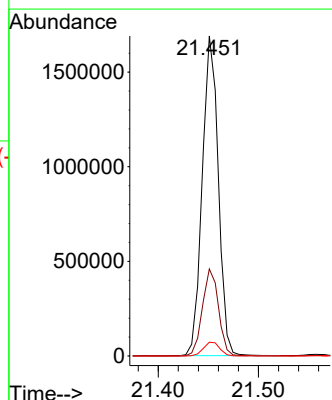
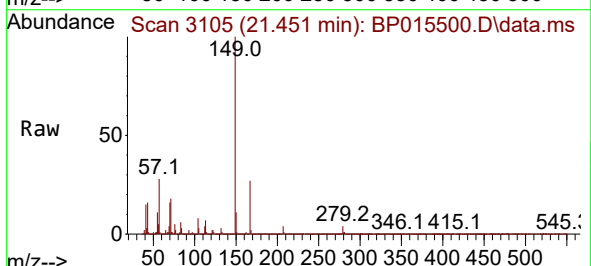
Tgt Ion:149 Resp: 1884438

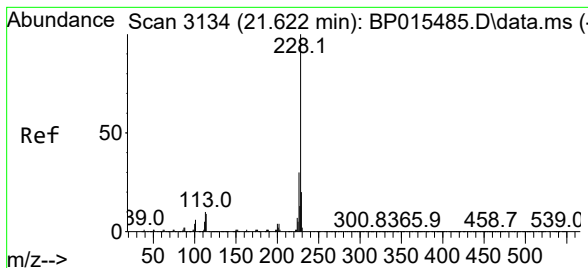
Ion Ratio Lower Upper

149 100

167 27.2 21.8 32.8

279 4.3 3.7 5.5





#87

Chrysene

Concen: 39.163 ng/ul

RT: 21.616 min Scan# 3133

Delta R.T. -0.000 min

Lab File: BP015500.D

Acq: 13 Jun 2023 17:16

Instrument :

BNA_P

ClientSampleId :

SLCS343

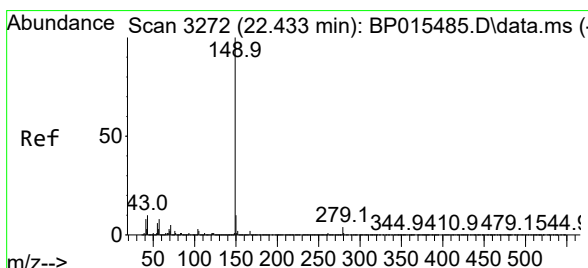
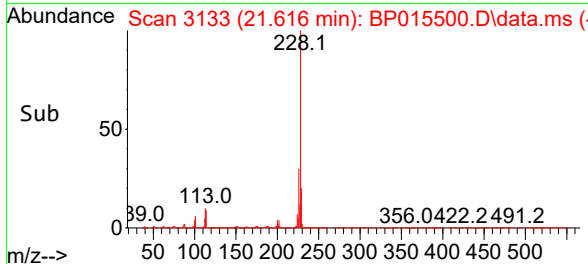
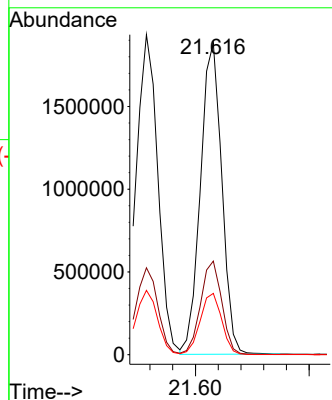
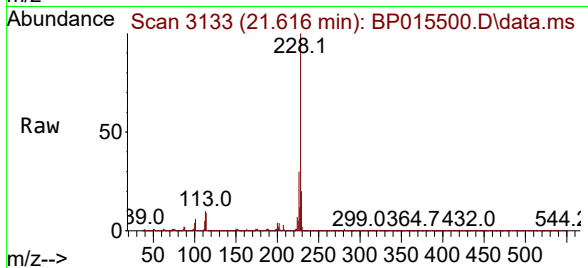
Tgt Ion:228 Resp: 2451209

Ion Ratio Lower Upper

228 100

226 30.0 23.9 35.9

229 19.6 15.1 22.7



#89

Di-n-octyl phthalate

Concen: 48.038 ng/ul

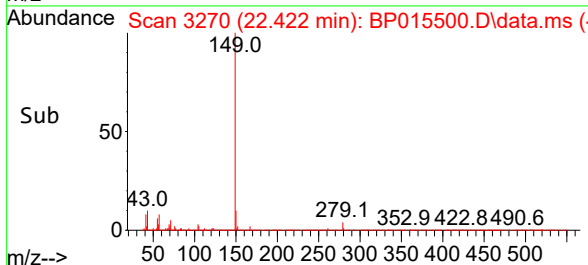
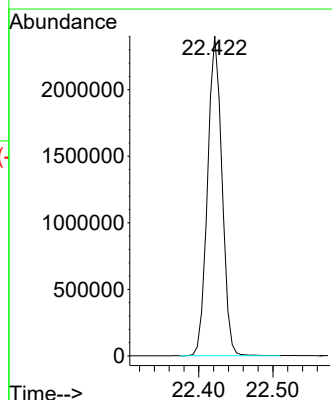
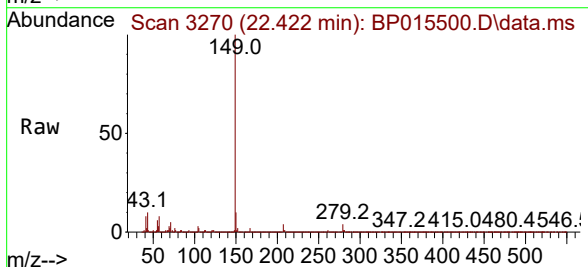
RT: 22.422 min Scan# 3270

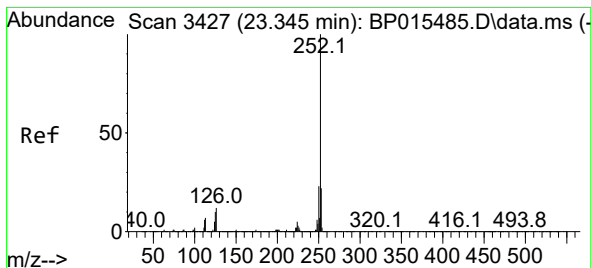
Delta R.T. 0.000 min

Lab File: BP015500.D

Acq: 13 Jun 2023 17:16

Tgt Ion:149 Resp: 3249617





#90

Benzo(b)fluoranthene

Concen: 40.121 ng/ul

RT: 23.339 min Scan# 3427

Delta R.T. 0.000 min

Lab File: BP015500.D

Acq: 13 Jun 2023 17:16

Instrument :

BNA_P

ClientSampleId :

SLCS343

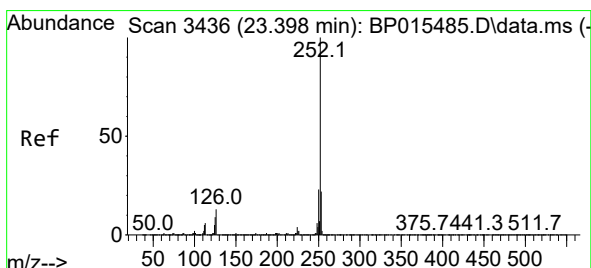
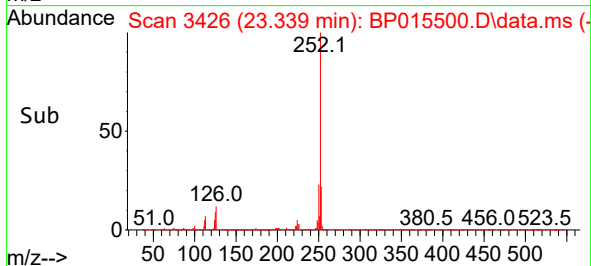
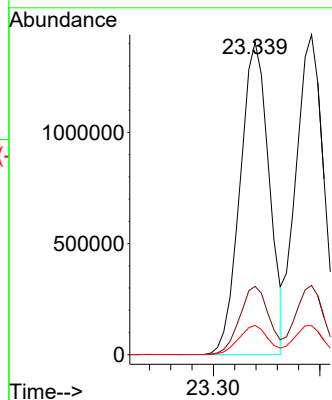
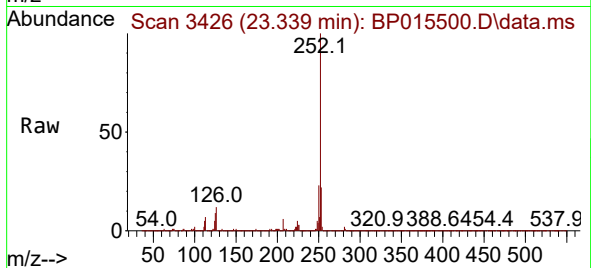
Tgt Ion:252 Resp: 2665626

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 9.4 7.3 10.9



#91

Benzo(k)fluoranthene

Concen: 40.423 ng/ul

RT: 23.392 min Scan# 3435

Delta R.T. 0.006 min

Lab File: BP015500.D

Acq: 13 Jun 2023 17:16

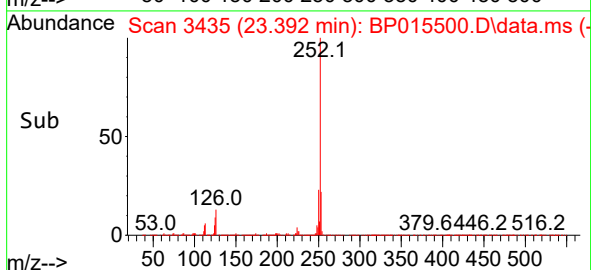
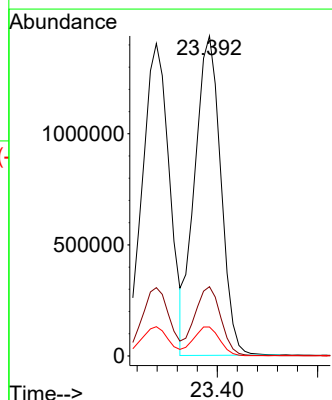
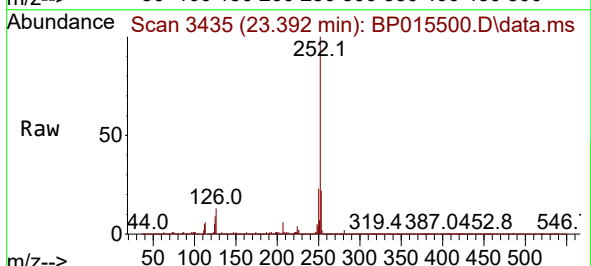
Tgt Ion:252 Resp: 2596158

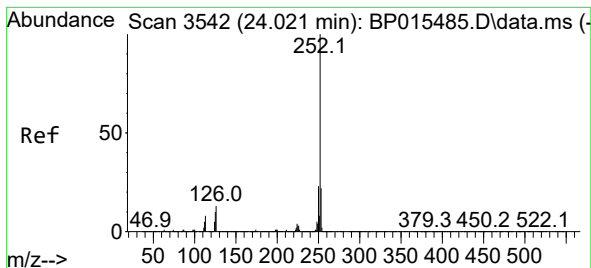
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 9.0 7.3 10.9





#93

Benzo(a)pyrene

Concen: 39.074 ng/ul

RT: 24.016 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP015500.D

Acq: 13 Jun 2023 17:16

Instrument :

BNA_P

ClientSampleId :

SLCS343

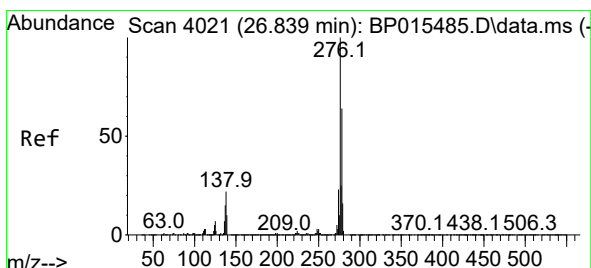
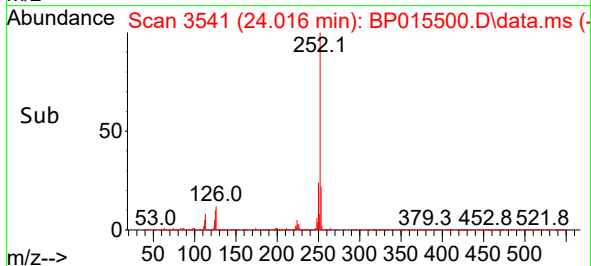
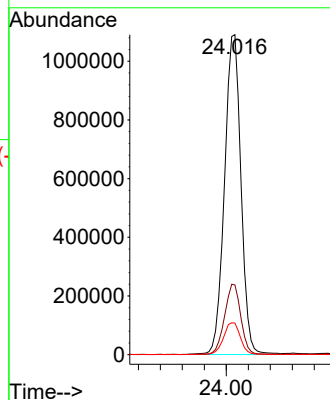
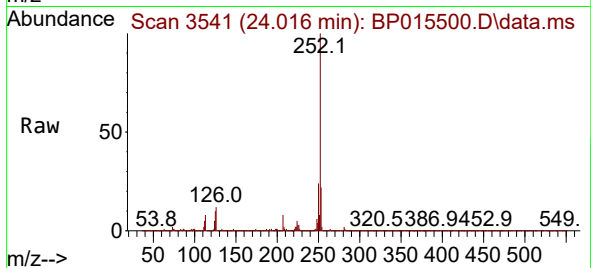
Tgt Ion:252 Resp: 2263390

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 9.9 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 35.933 ng/ul

RT: 26.827 min Scan# 4019

Delta R.T. 0.000 min

Lab File: BP015500.D

Acq: 13 Jun 2023 17:16

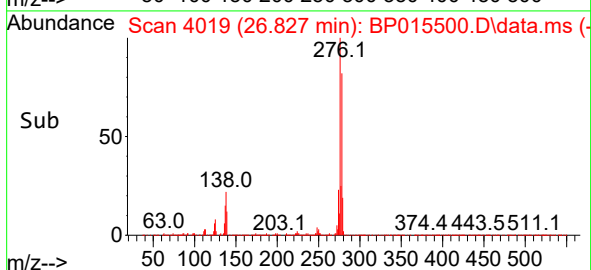
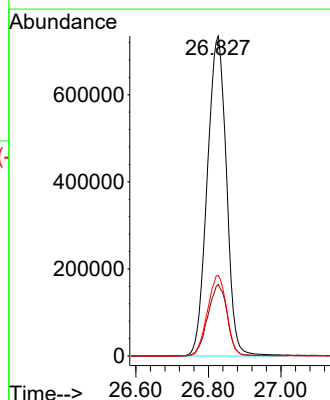
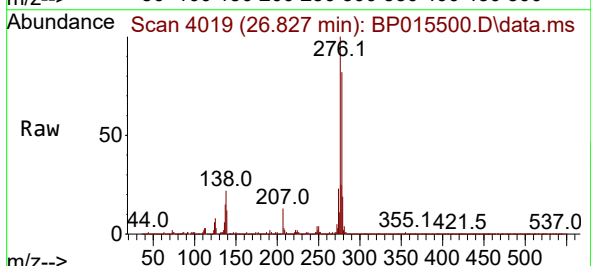
Tgt Ion:276 Resp: 2693746

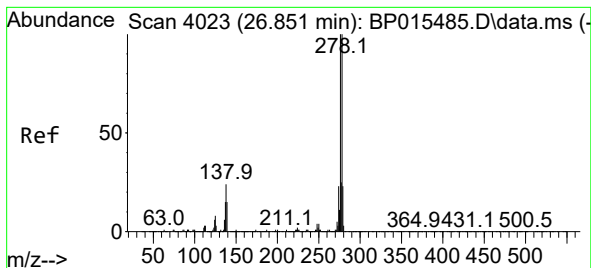
Ion Ratio Lower Upper

276 100

138 22.3 17.3 25.9

277 25.2 20.2 30.2





#95

Dibenzo(a,h)anthracene

Concen: 36.502 ng/ul

RT: 26.839 min Scan# 4021

Delta R.T. -0.000 min

Lab File: BP015500.D

Acq: 13 Jun 2023 17:16

Instrument :

BNA_P

ClientSampleId :

SLCS343

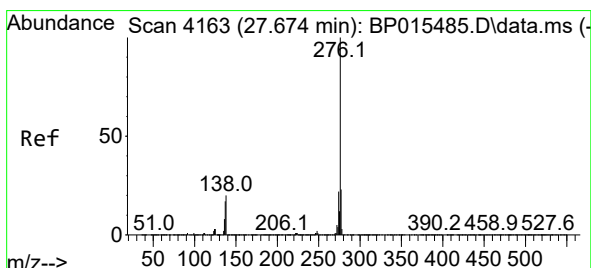
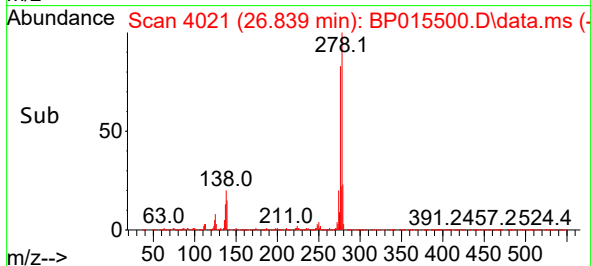
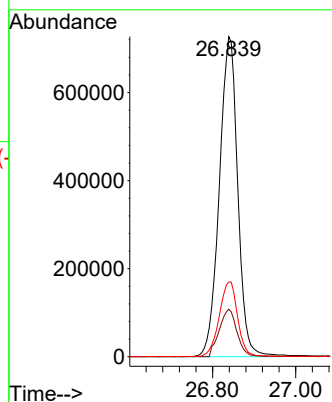
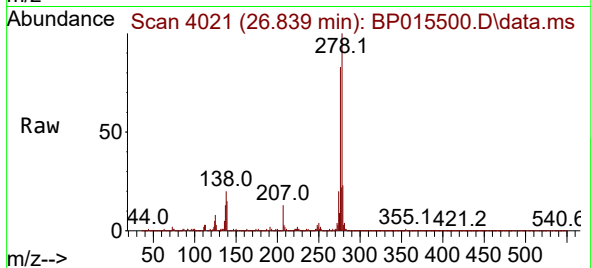
Tgt Ion:278 Resp: 2229384

Ion Ratio Lower Upper

278 100

139 14.9 11.4 17.0

279 23.3 18.7 28.1



#96

Benzo(g,h,i)perylene

Concen: 34.842 ng/ul

RT: 27.657 min Scan# 4160

Delta R.T. 0.000 min

Lab File: BP015500.D

Acq: 13 Jun 2023 17:16

Tgt Ion:276 Resp: 2152560

Ion Ratio Lower Upper

276 100

138 19.8 15.6 23.4

277 23.8 19.0 28.6

