

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051723\
 Data File : BP0515132.D
 Acq On : 17 May 2023 18:40
 Operator : CG/JU
 Sample : PB152858BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS858

Quant Time: May 18 01:12:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 18 01:09:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	309202	20.000	ng/u1	0.00
20) Naphthalene-d8	10.957	136	1405129	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.769	164	876633	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.521	188	1895712	20.000	ng/u1	0.00
79) Chrysene-d12	21.604	240	1606997	20.000	ng/u1	0.00
88) Perylene-d12	24.162	264	1597659	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	55391	6.960	ng/uL	0.00
4) Pyridine-d5	3.869	84	811317	35.966	ng/u1	0.00
7) Phenol-d5	7.281	99	1137641	39.627	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.451	67	695653	41.956	ng/u1	0.00
11) 2-Chlorophenol-d4	7.657	132	866028	41.028	ng/u1	0.00
15) 4-Methylphenol-d8	8.845	113	941242	41.145	ng/u1	0.00
21) Nitrobenzene-d5	9.310	128	445009	40.304	ng/u1	0.00
24) 2-Nitrophenol-d4	10.034	143	481660	39.205	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.575	165	877613	39.587	ng/u1	0.00
31) 4-Chloroaniline-d4	11.098	131	1130358	34.461	ng/u1	0.00
46) Dimethylphthalate-d6	14.175	166	2705829	40.847	ng/u1	0.00
49) Acenaphthylene-d8	14.469	160	3119482	41.174	ng/u1	0.00
54) 4-Nitrophenol-d4	14.963	143	548767	42.662	ng/u1	0.00
60) Fluorene-d10	15.763	176	2274870	40.698	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.880	200	472944	39.587	ng/u1	0.00
73) Anthracene-d10	17.621	188	3494715	40.259	ng/u1	0.00
81) Pyrene-d10	19.839	212	3923068	42.092	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.003	264	3343982	42.164	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.469	88	112750	13.185	ng/uL	98
5) Pyridine	3.893	79	791784	33.749	ng/u1	99
6) Benzaldehyde	7.257	77	560776	71.067	ng/u1	99
8) Phenol	7.304	94	1144807	38.888	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.545	93	899030	38.171	ng/u1	98
12) 2-Chlorophenol	7.687	128	842059	37.715	ng/u1	98
13) 2-Methylphenol	8.575	108	859369	37.771	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.663	45	1179308	39.965	ng/u1	98
16) Acetophenone	8.963	105	1405817	39.375	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.951	70	719321	38.415	ng/u1	97
18) 4-Methylphenol	8.910	108	960653	38.361	ng/u1	100
19) Hexachloroethane	9.222	117	336972	36.963	ng/u1	98
22) Nitrobenzene	9.351	77	1056833	38.755	ng/u1	99
23) Isophorone	9.881	82	1985269	35.418	ng/u1	99
25) 2-Nitrophenol	10.069	139	488490	36.259	ng/u1	99
26) 2,4-Dimethylphenol	10.122	107	934681	34.767	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.363	93	1244079	36.478	ng/u1	97
29) 2,4-Dichlorophenol	10.604	162	831580	37.136	ng/u1	100
30) Naphthalene	11.010	128	2787882	36.494	ng/u1	100
32) 4-Chloroaniline	11.122	127	901834	26.751	ng/u1	100
33) Hexachlorobutadiene	11.292	225	484915	35.929	ng/u1	98
34) Caprolactam	11.904	113	160039	18.956	ng/u1	89
35) 4-Chloro-3-methylphenol	12.233	107	974131	38.526	ng/u1	99
36) 2-Methylnaphthalene	12.610	142	1921624	37.334	ng/u1	100

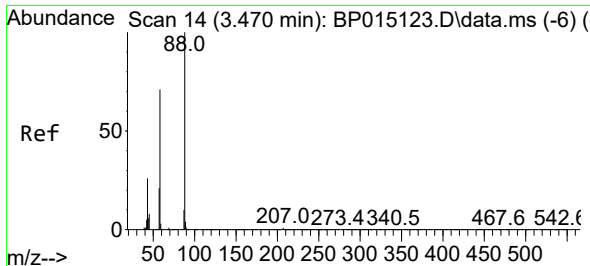
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.828	142	1967570	38.065	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.975	216	976853	37.259	ng/ul	98
40) Hexachlorocyclopentadiene	12.951	237	535776	31.540	ng/ul	100
41) 2,4,6-Trichlorophenol	13.210	196	659445	35.620	ng/ul	98
42) 2,4,5-Trichlorophenol	13.280	196	735382	36.635	ng/ul	99
43) 1,1'-Biphenyl	13.604	154	2594831	38.150	ng/ul	98
44) 2-Chloronaphthalene	13.651	162	2007675	37.797	ng/ul	99
45) 2-Nitroaniline	13.857	65	628916	41.381	ng/ul	94
47) Dimethylphthalate	14.222	163	2595224	37.618	ng/ul	100
48) 2,6-Dinitrotoluene	14.345	165	528442	38.664	ng/ul	99
50) Acenaphthylene	14.498	152	3194711	37.792	ng/ul	100
51) 3-Nitroaniline	14.674	138	524311	42.602	ng/ul	95
52) Acenaphthene	14.833	153	2220133	38.453	ng/ul	99
53) 2,4-Dinitrophenol	14.880	184	313036	34.495	ng/ul	94
55) 4-Nitrophenol	14.980	109	379136	40.074	ng/ul	99
56) Dibenzofuran	15.169	168	3039903	37.854	ng/ul	99
57) 2,4-Dinitrotoluene	15.133	165	774272	39.149	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.392	232	594547	35.095	ng/ul	99
59) Diethylphthalate	15.580	149	2588224	37.615	ng/ul	100
61) Fluorene	15.821	166	2431947	37.683	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.804	204	1173230	37.207	ng/ul	99
63) 4-Nitroaniline	15.839	138	591858	55.689	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.898	198	454632	36.872	ng/ul	97
67) N-Nitrosodiphenylamine	16.021	169	2099931	37.673	ng/ul	99
68) 4-Bromophenyl-phenylether	16.704	248	709847	36.354	ng/ul	99
69) Hexachlorobenzene	16.821	284	841390	36.463	ng/ul	99
70) Atrazine	16.968	200	431065	20.922	ng/ul	100
71) Pentachlorophenol	17.168	266	496359	34.389	ng/ul	98
72) Phenanthrene	17.568	178	3909044	37.868	ng/ul	99
74) Anthracene	17.657	178	3947616	37.817	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.575	216	985104	36.651	ng/ul	99
76) Pentachlorobenzene	15.086	250	966479	35.812	ng/ul	99
77) Carbazole	17.921	167	3627167	39.626	ng/ul	100
78) Di-n-butylphthalate	18.457	149	4408083	37.396	ng/ul	100
80) Fluoranthene	19.515	202	4440596	39.090	ng/ul	98
82) Pyrene	19.868	202	4657620	39.703	ng/ul	97
83) Butylbenzylphthalate	20.721	149	1947006	37.438	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.509	252	1379266	39.080	ng/ul	97
85) Benzo(a)anthracene	21.586	228	4260002	38.339	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.480	149	2801638	37.419	ng/ul	99
87) Chrysene	21.639	228	4055108	38.177	ng/ul	99
89) Di-n-octyl phthalate	22.456	149	4730666	43.234	ng/ul	100
90) Benzo(b)fluoranthene	23.374	252	4283022	42.287	ng/ul	99
91) Benzo(k)fluoranthene	23.427	252	4072530	41.875	ng/ul	99
93) Benzo(a)pyrene	24.056	252	3480896	38.882	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.891	276	3875664	33.435	ng/ul	98
95) Dibenzo(a,h)anthracene	26.903	278	3234721	33.994	ng/ul	99
96) Benzo(g,h,i)perylene	27.721	276	3035748	32.116	ng/ul	99

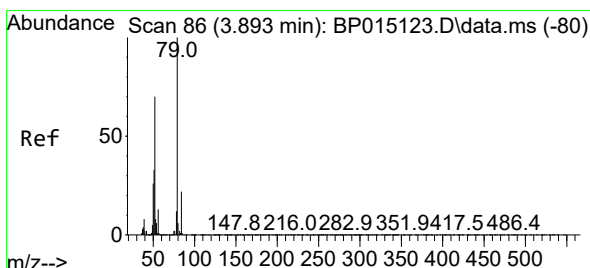
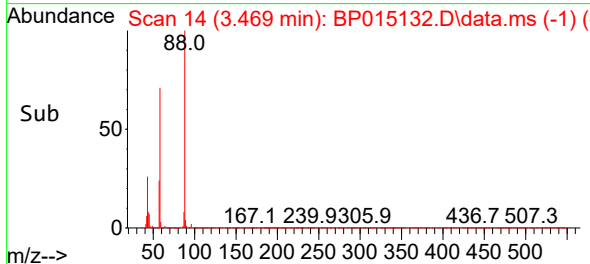
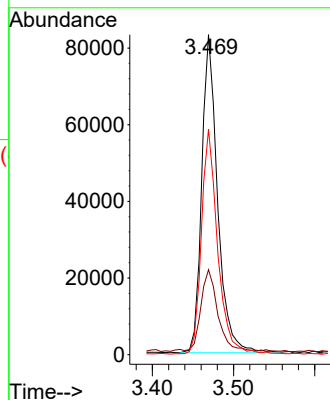
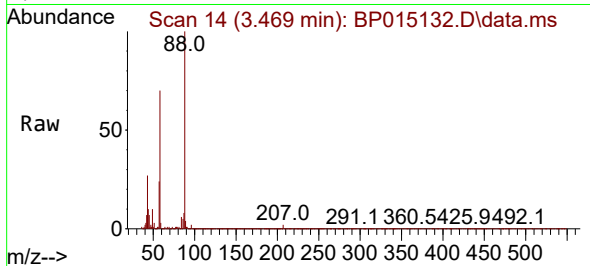
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#2
1,4-Dioxane
Concen: 13.185 ng/uL
RT: 3.469 min Scan# 14
Delta R.T. -0.000 min
Lab File: BP015132.D
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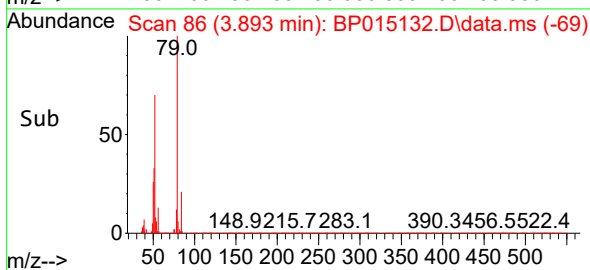
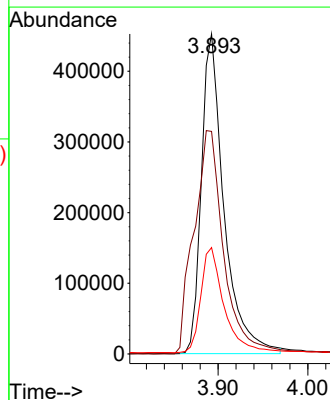
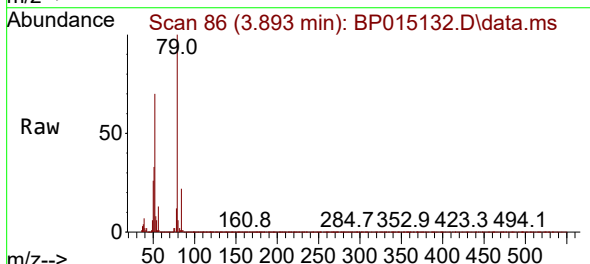
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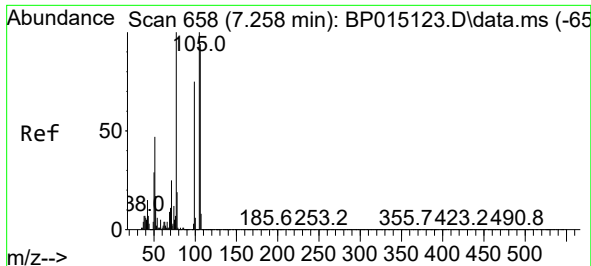
Tgt Ion: 88 Resp: 112750
Ion Ratio Lower Upper
88 100
43 26.6 20.4 30.6
58 70.4 55.4 83.2



#5
Pyridine
Concen: 33.749 ng/uL
RT: 3.893 min Scan# 86
Delta R.T. -0.000 min
Lab File: BP015132.D
Acq: 17 May 2023 18:40

Tgt Ion: 79 Resp: 791784
Ion Ratio Lower Upper
79 100
52 69.5 55.4 83.2
51 33.2 25.4 38.2

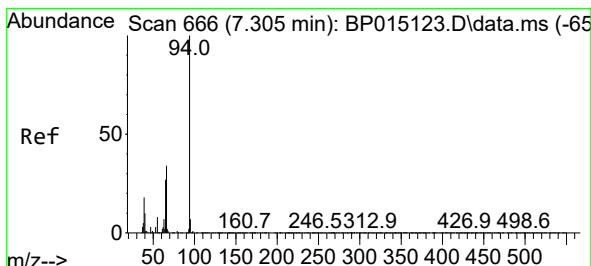
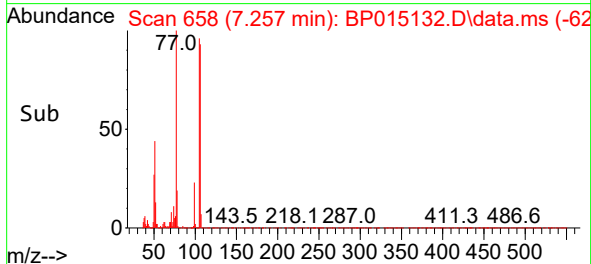
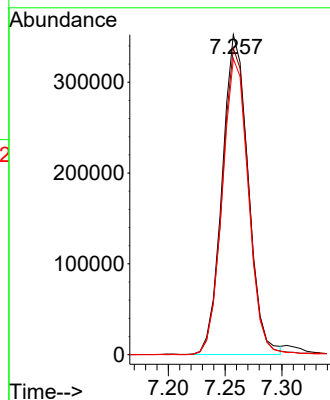
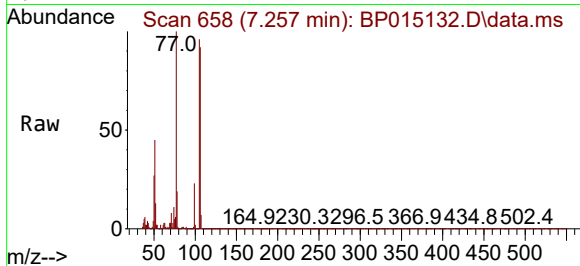




#6
Benzaldehyde
Concen: 71.067 ng/ul
RT: 7.257 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP015132.D
Acq: 17 May 2023 18:40

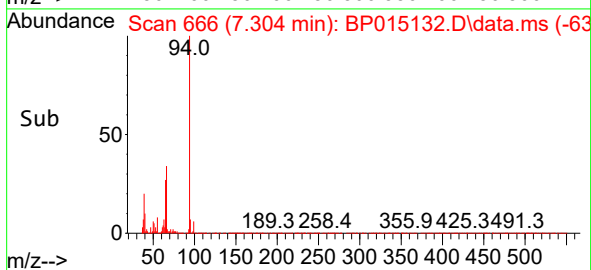
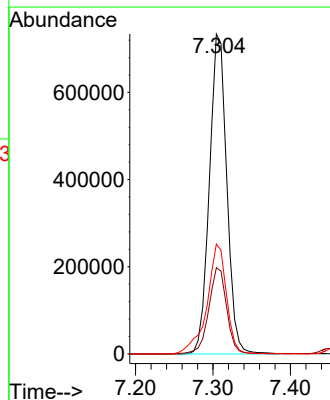
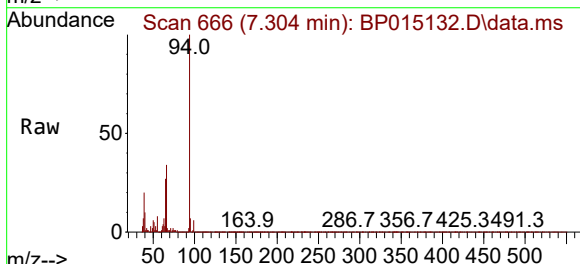
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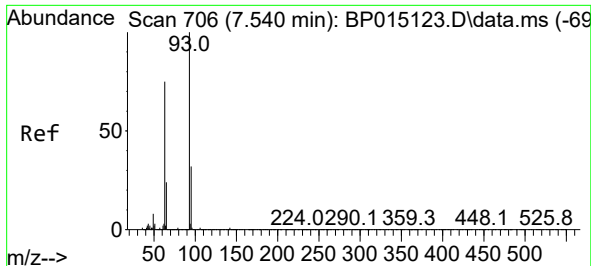
Tgt Ion: 77 Resp: 560776
Ion Ratio Lower Upper
77 100
105 95.8 76.9 115.3
106 92.5 75.0 112.6



#8
Phenol
Concen: 38.888 ng/ul
RT: 7.304 min Scan# 666
Delta R.T. -0.000 min
Lab File: BP015132.D
Acq: 17 May 2023 18:40

Tgt Ion: 94 Resp: 1144807
Ion Ratio Lower Upper
94 100
65 27.0 20.6 31.0
66 34.3 26.1 39.1

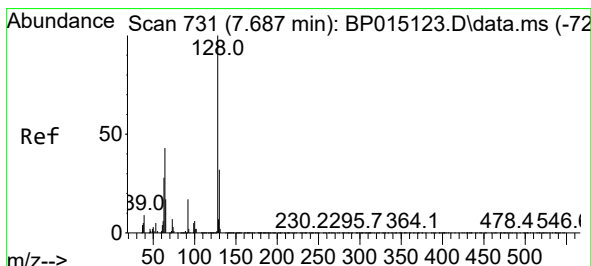
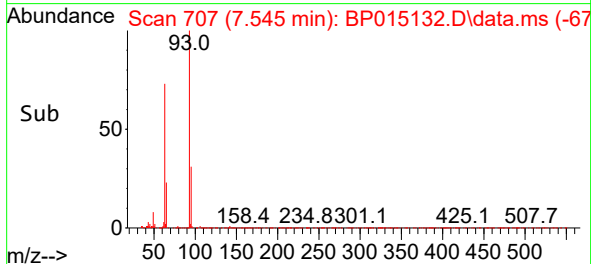
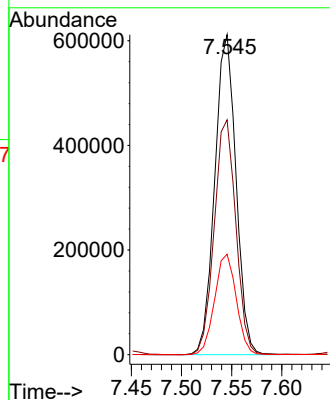
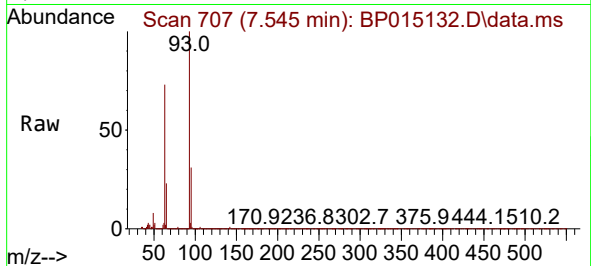




#10
Bis(2-Chloroethyl)ether
Concen: 38.171 ng/ul
RT: 7.545 min Scan# 706
Delta R.T. 0.006 min
Lab File: BP015132.D
Acq: 17 May 2023 18:40

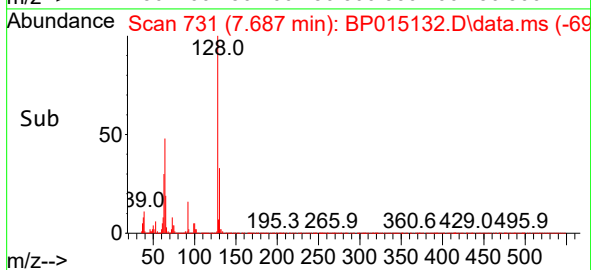
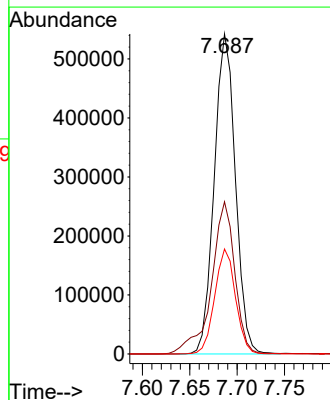
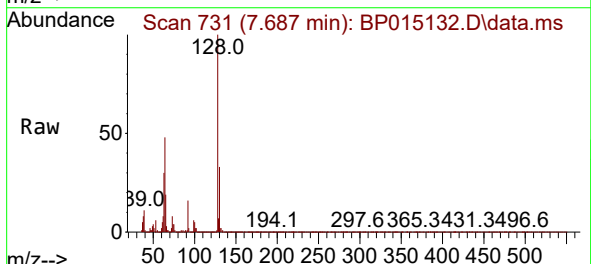
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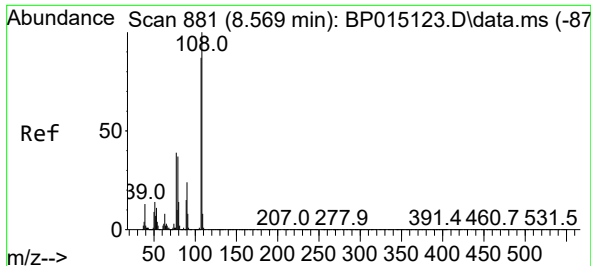
Tgt Ion: 93 Resp: 899030
Ion Ratio Lower Upper
93 100
63 73.4 58.0 87.0
95 31.4 26.4 39.6



#12
2-Chlorophenol
Concen: 37.715 ng/ul
RT: 7.687 min Scan# 731
Delta R.T. -0.000 min
Lab File: BP015132.D
Acq: 17 May 2023 18:40

Tgt Ion:128 Resp: 842059
Ion Ratio Lower Upper
128 100
64 47.6 36.2 54.2
130 32.8 26.3 39.5

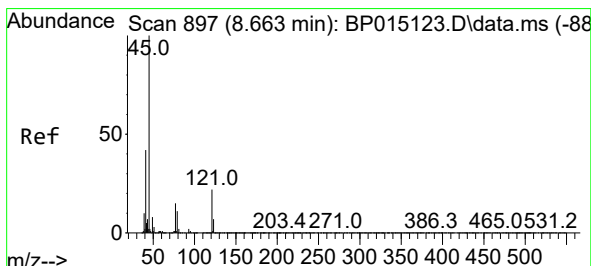
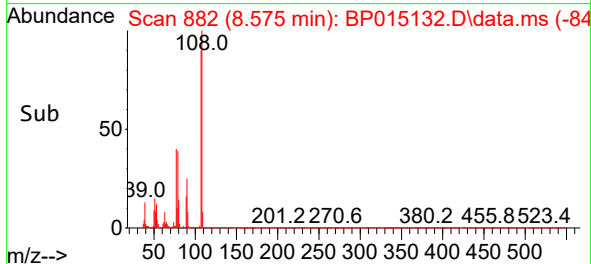
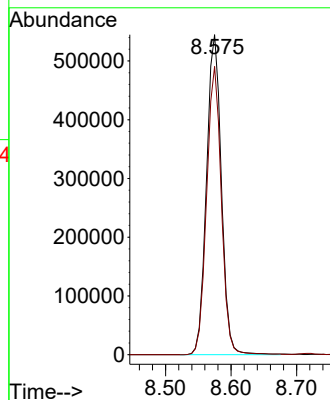
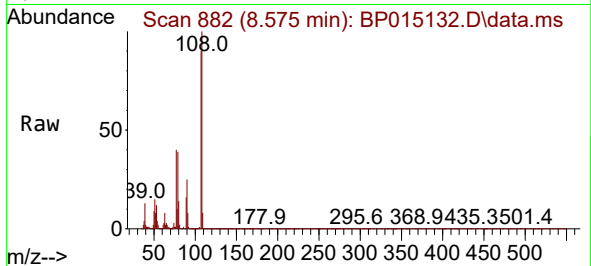




#13
2-Methylphenol
Concen: 37.771 ng/ul
RT: 8.575 min Scan# 881
Delta R.T. -0.000 min
Lab File: BP015132.D
Acq: 17 May 2023 18:40

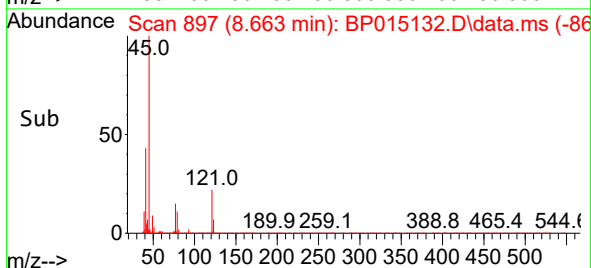
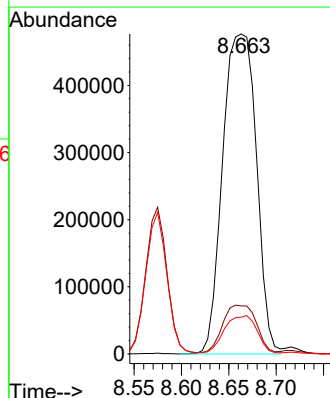
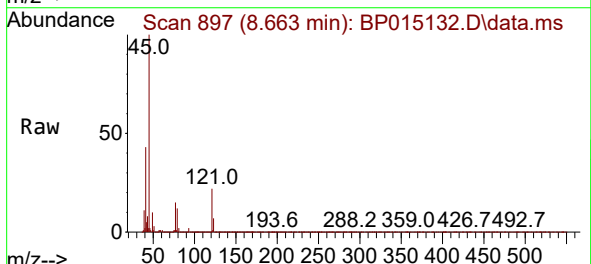
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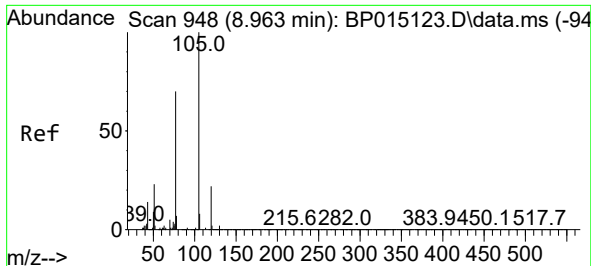
Tgt Ion:108 Resp: 859369
Ion Ratio Lower Upper
108 100
107 90.1 71.8 107.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 39.965 ng/ul
RT: 8.663 min Scan# 897
Delta R.T. 0.006 min
Lab File: BP015132.D
Acq: 17 May 2023 18:40

Tgt Ion: 45 Resp: 1179308
Ion Ratio Lower Upper
45 100
77 15.0 12.8 19.2
79 11.5 9.5 14.3

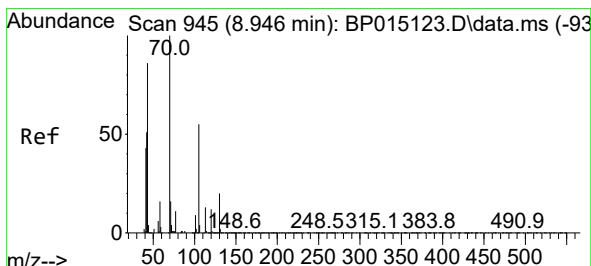
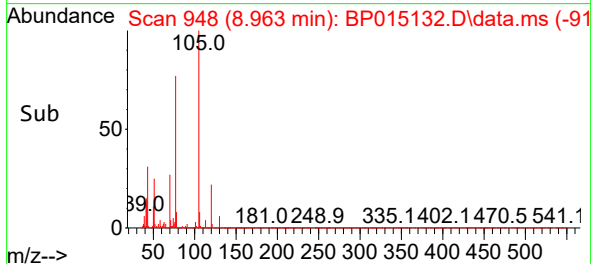
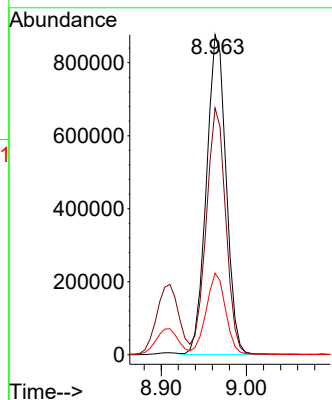
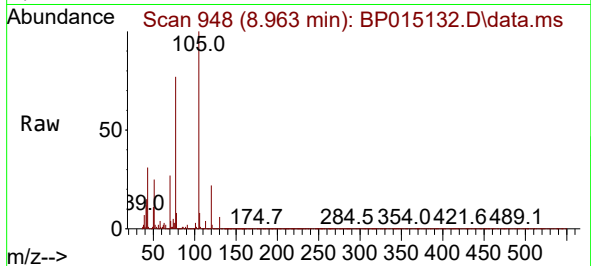




#16
Acetophenone
Concen: 39.375 ng/ul
RT: 8.963 min Scan# 948
Delta R.T. -0.000 min
Lab File: BP015132.D
Acq: 17 May 2023 18:40

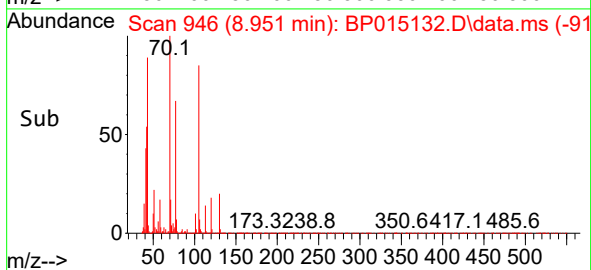
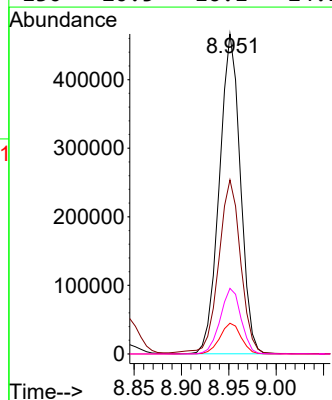
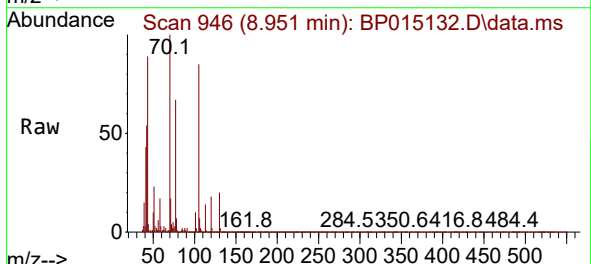
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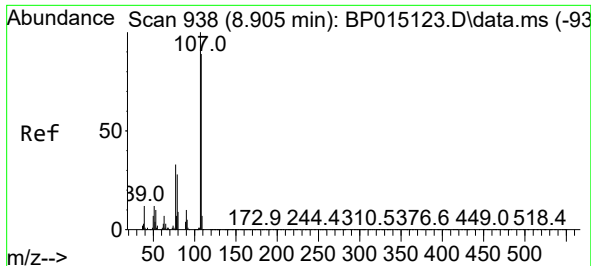
Tgt Ion:105 Resp: 1405817
Ion Ratio Lower Upper
105 100
77 77.1 59.4 89.2
51 25.5 19.2 28.8



#17
N-Nitroso-di-n-propylamine
Concen: 38.415 ng/ul
RT: 8.951 min Scan# 946
Delta R.T. 0.006 min
Lab File: BP015132.D
Acq: 17 May 2023 18:40

Tgt Ion: 70 Resp: 719321
Ion Ratio Lower Upper
70 100
42 54.4 41.0 61.6
101 9.6 7.9 11.9
130 20.5 16.1 24.1

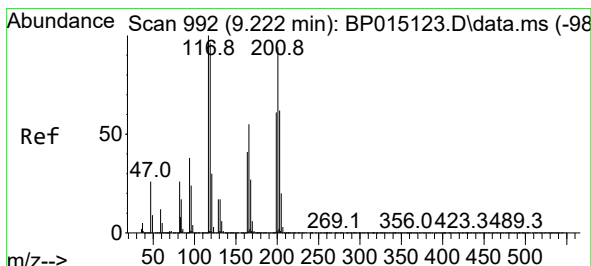
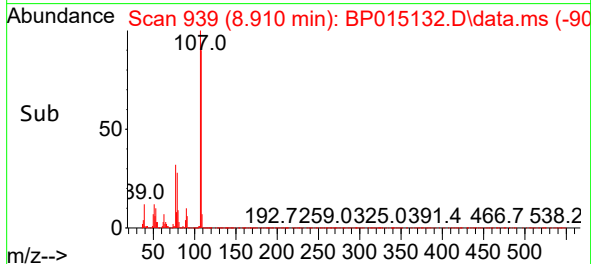
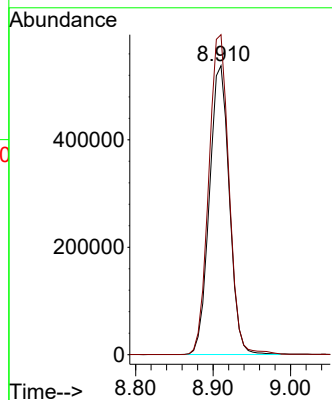
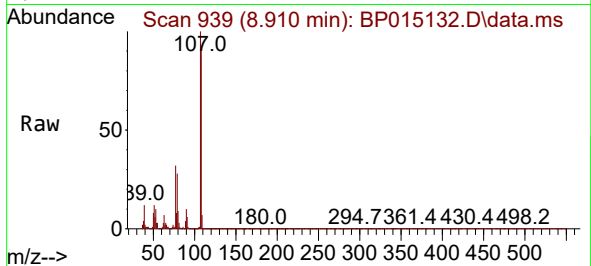




#18
4-Methylphenol
Concen: 38.361 ng/ul
RT: 8.910 min Scan# 910
Delta R.T. 0.006 min
Lab File: BP015132.D
Acq: 17 May 2023 18:40

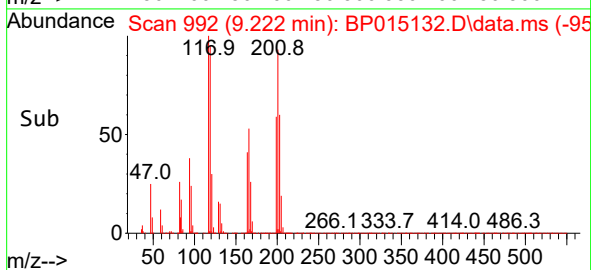
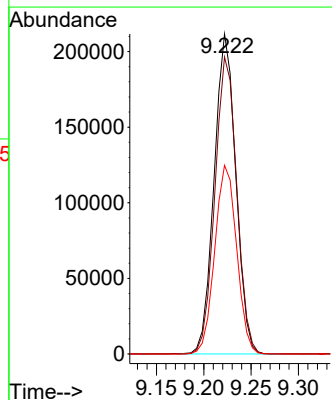
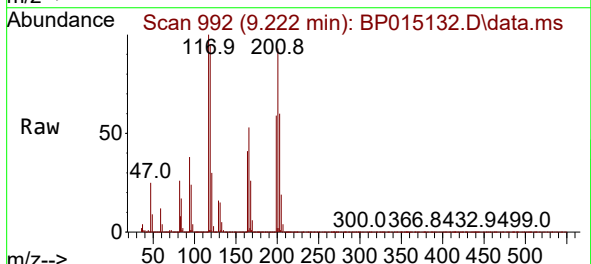
Instrument :
BNA_P
ClientSampleId :
SLCS858

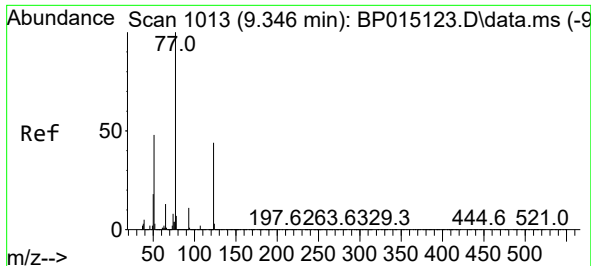
Tgt Ion:108 Resp: 960653
Ion Ratio Lower Upper
108 100
107 110.8 88.5 132.7



#19
Hexachloroethane
Concen: 36.963 ng/ul
RT: 9.222 min Scan# 992
Delta R.T. -0.000 min
Lab File: BP015132.D
Acq: 17 May 2023 18:40

Tgt Ion:117 Resp: 336972
Ion Ratio Lower Upper
117 100
201 92.8 75.8 113.8
199 59.0 46.5 69.7

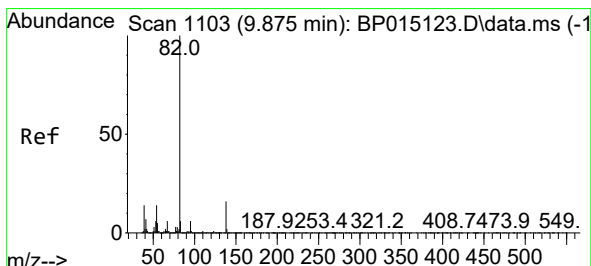
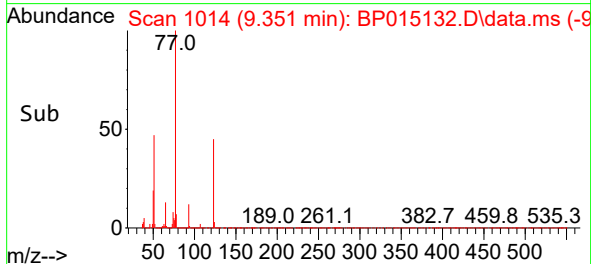
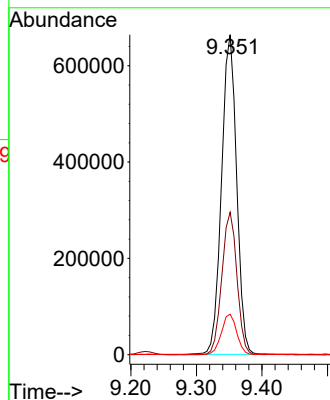
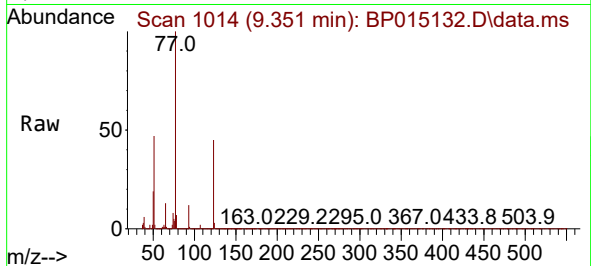




#22
Nitrobenzene
Concen: 38.755 ng/ul
RT: 9.351 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BP015132.D
Acq: 17 May 2023 18:40

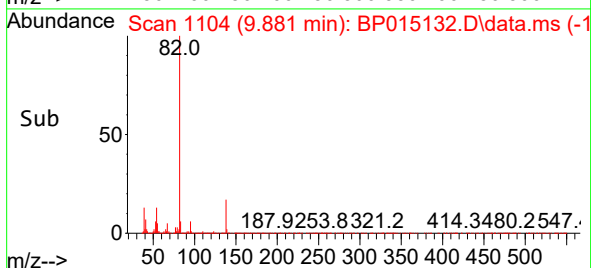
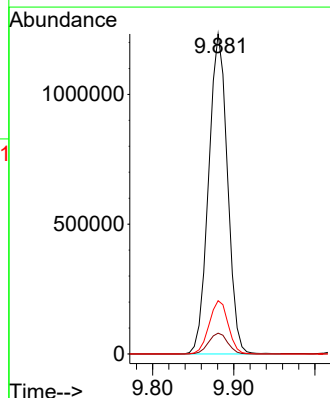
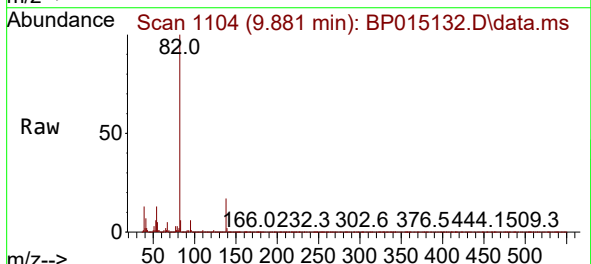
Instrument :
BNA_P
ClientSampleId :
SLCS858

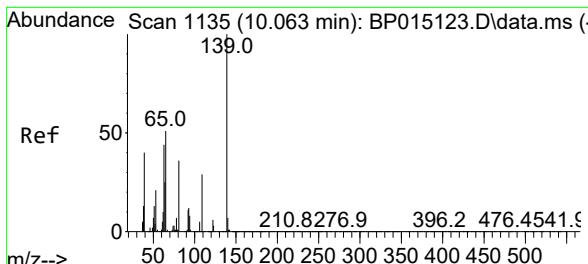
Tgt Ion: 77 Resp: 1056833
Ion Ratio Lower Upper
77 100
123 44.5 36.2 54.2
65 12.7 10.1 15.1



#23
Isophorone
Concen: 35.418 ng/ul
RT: 9.881 min Scan# 1104
Delta R.T. 0.006 min
Lab File: BP015132.D
Acq: 17 May 2023 18:40

Tgt Ion: 82 Resp: 1985269
Ion Ratio Lower Upper
82 100
95 6.5 5.4 8.0
138 16.6 13.6 20.4

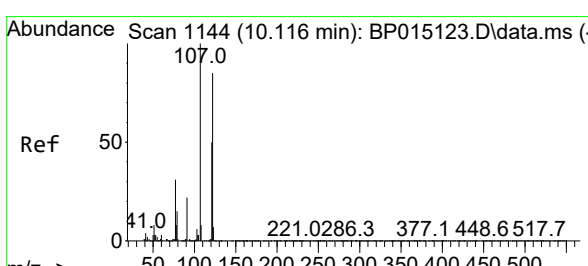
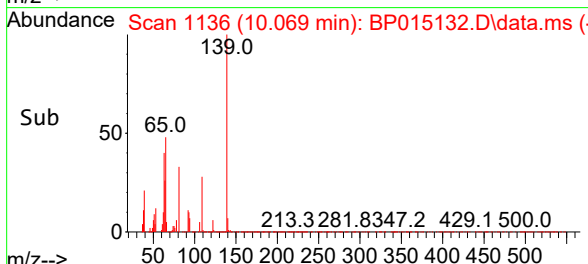
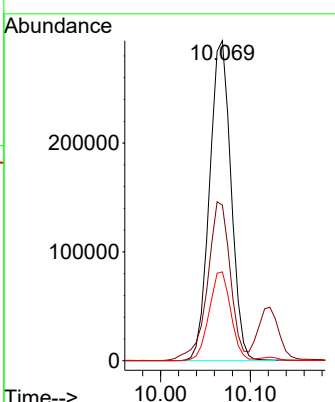
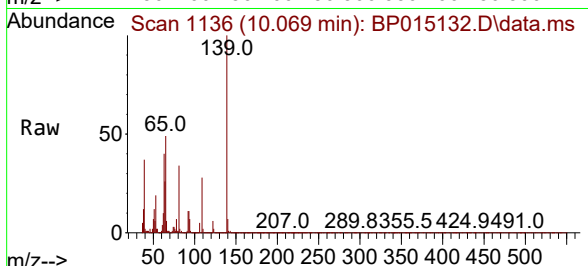




#25
 2-Nitrophenol
 Concen: 36.259 ng/ul
 RT: 10.069 min Scan# 1135
 Delta R.T. 0.006 min
 Lab File: BP015132.D
 Acq: 17 May 2023 18:40

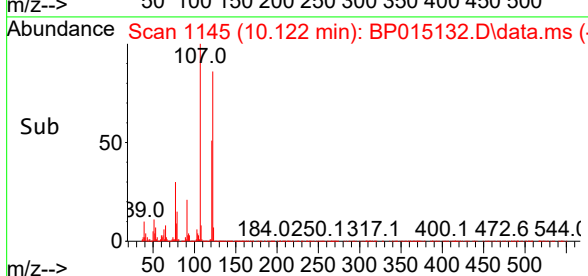
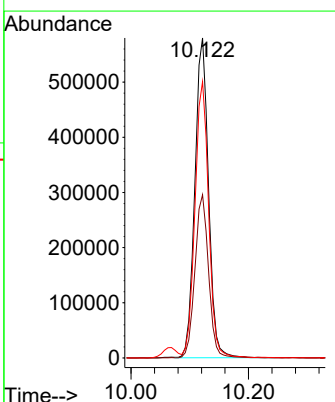
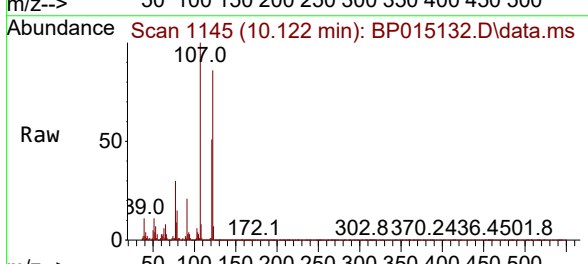
Instrument :
 BNA_P
 ClientSampleId :
 SLCS858

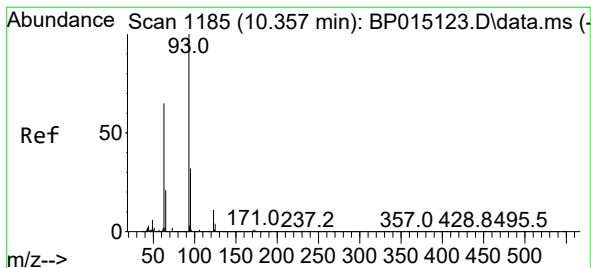
Tgt Ion:	139	Resp:	488490
Ion	Ratio	Lower	Upper
139	100		
65	48.6	38.4	57.6
109	27.7	22.2	33.2



#26
 2,4-Dimethylphenol
 Concen: 34.767 ng/ul
 RT: 10.122 min Scan# 1145
 Delta R.T. 0.006 min
 Lab File: BP015132.D
 Acq: 17 May 2023 18:40

Tgt Ion:	107	Resp:	934681
Ion	Ratio	Lower	Upper
107	100		
121	51.0	41.0	61.6
122	86.3	69.5	104.3





#27

Bis(2-Chloroethoxy)methane

Concen: 36.478 ng/ul

RT: 10.363 min Scan# 1186

Delta R.T. 0.006 min

Lab File: BP015132.D

Acq: 17 May 2023 18:40

Instrument :

BNA_P

ClientSampleId :

SLCS858

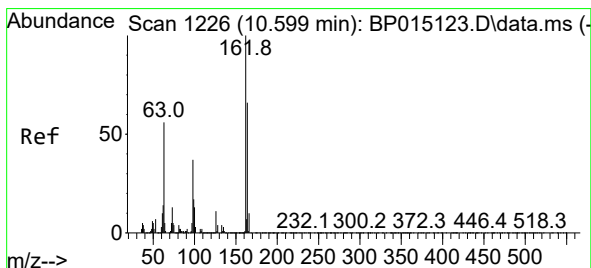
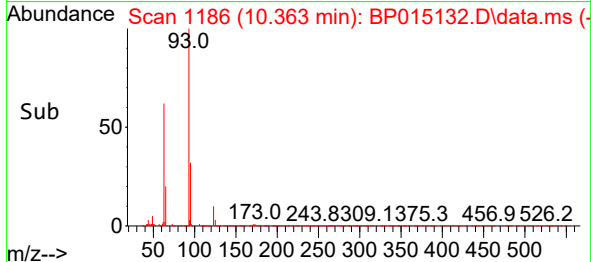
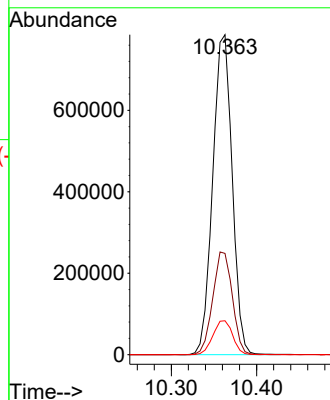
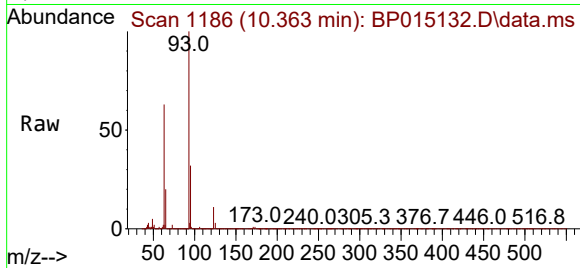
Tgt Ion: 93 Resp: 1244079

Ion Ratio Lower Upper

93 100

95 31.6 26.7 40.1

123 10.6 9.1 13.7



#29

2,4-Dichlorophenol

Concen: 37.136 ng/ul

RT: 10.604 min Scan# 1227

Delta R.T. -0.000 min

Lab File: BP015132.D

Acq: 17 May 2023 18:40

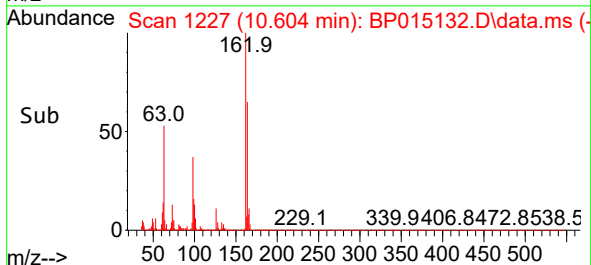
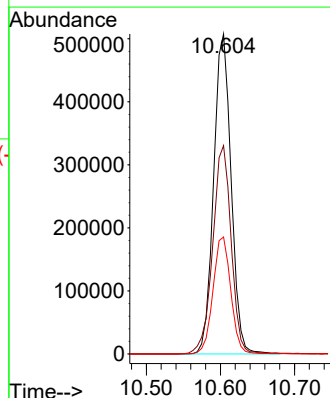
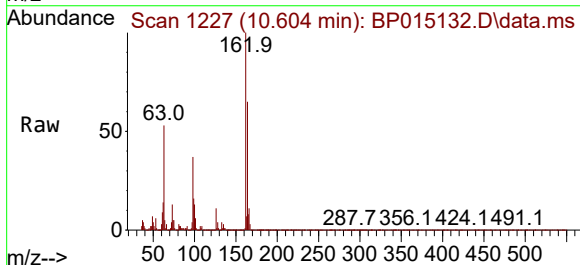
Tgt Ion:162 Resp: 831580

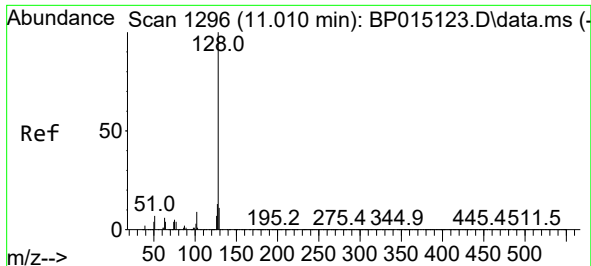
Ion Ratio Lower Upper

162 100

164 65.1 52.0 78.0

98 36.6 28.9 43.3

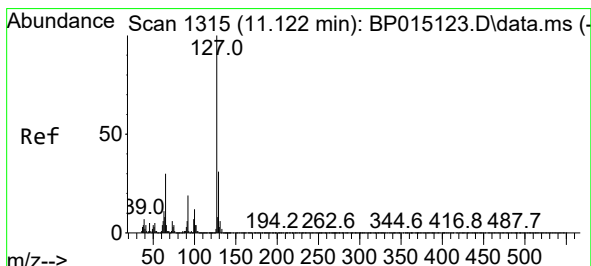
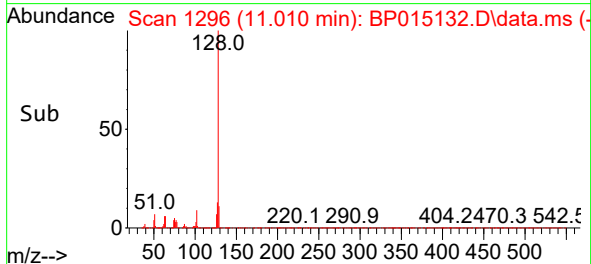
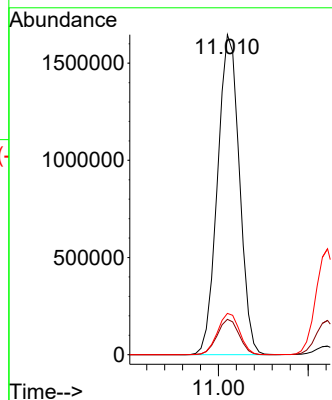
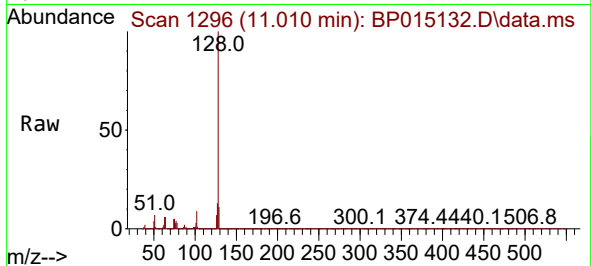




#30
Naphthalene
Concen: 36.494 ng/ul
RT: 11.010 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BP015132.D
Acq: 17 May 2023 18:40

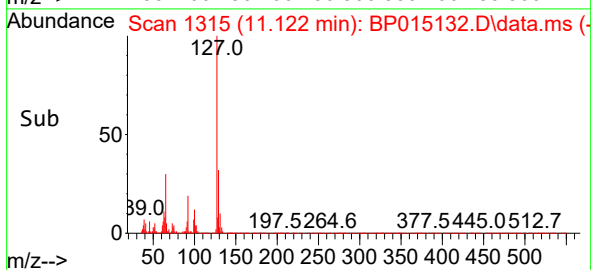
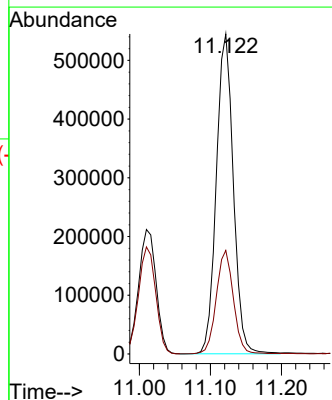
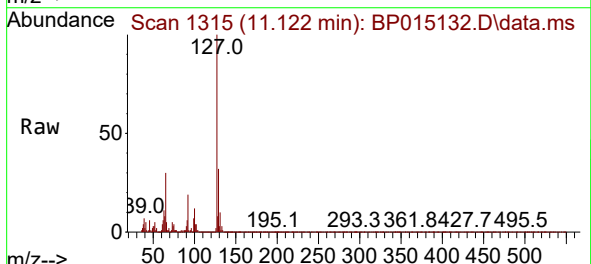
Instrument :
BNA_P
ClientSampleId :
SLCS858

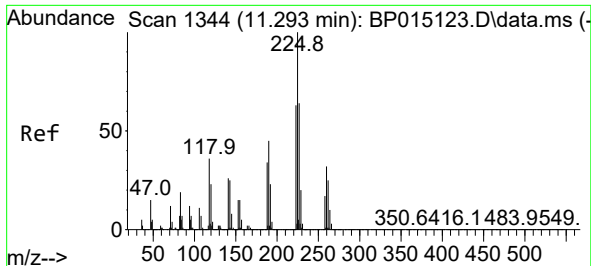
Tgt Ion:128 Resp: 2787882
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 12.9 10.6 15.8



#32
4-Chloroaniline
Concen: 26.751 ng/ul
RT: 11.122 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BP015132.D
Acq: 17 May 2023 18:40

Tgt Ion:127 Resp: 901834
Ion Ratio Lower Upper
127 100
129 32.4 25.8 38.8

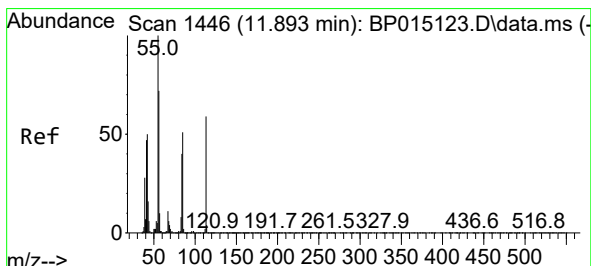
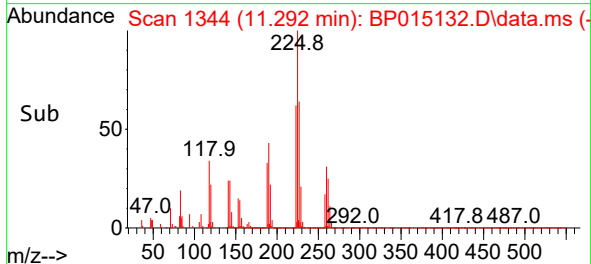
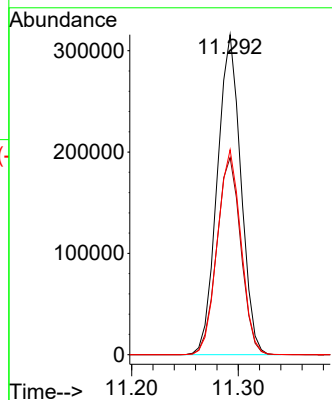
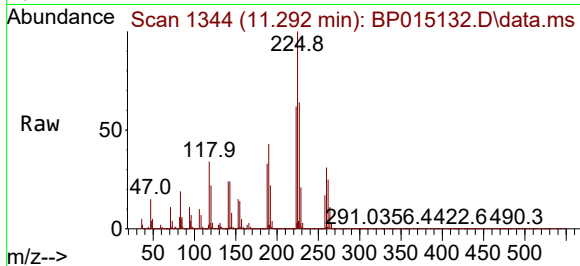




#33
Hexachlorobutadiene
Concen: 35.929 ng/ul
RT: 11.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP015132.D
Acq: 17 May 2023 18:40

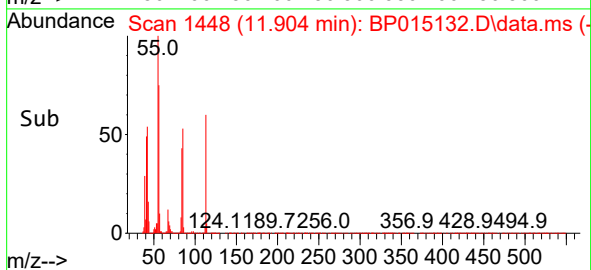
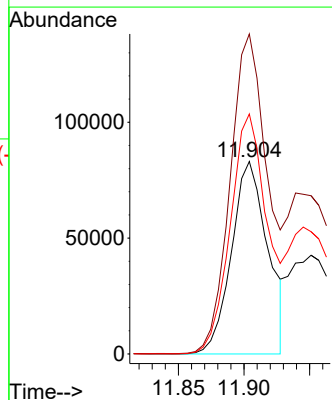
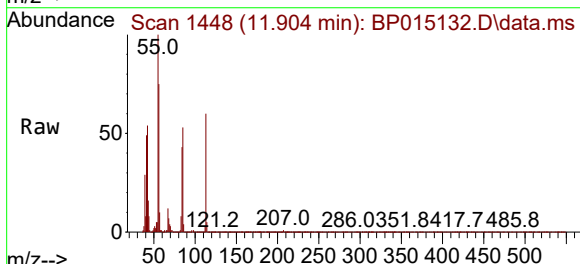
Instrument :
BNA_P
ClientSampleId :
SLCS858

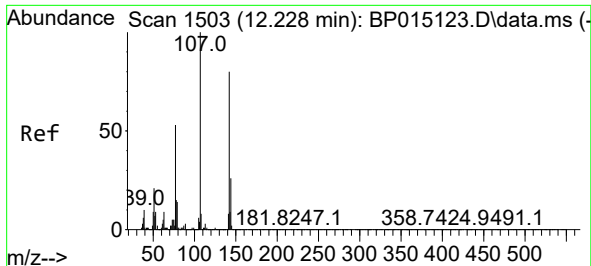
Tgt Ion:225 Resp: 484915
Ion Ratio Lower Upper
225 100
223 61.6 51.0 76.6
227 64.1 52.2 78.4



#34
Caprolactam
Concen: 18.956 ng/ul
RT: 11.904 min Scan# 1448
Delta R.T. 0.011 min
Lab File: BP015132.D
Acq: 17 May 2023 18:40

Tgt Ion:113 Resp: 160039
Ion Ratio Lower Upper
113 100
55 166.3 121.2 181.8
56 124.7 90.2 135.4

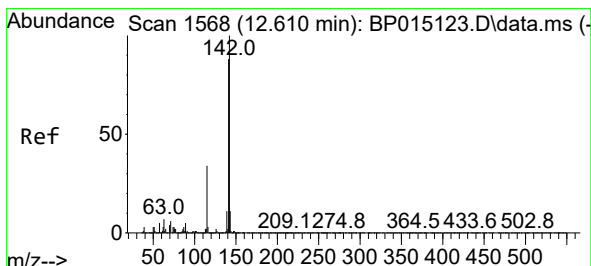
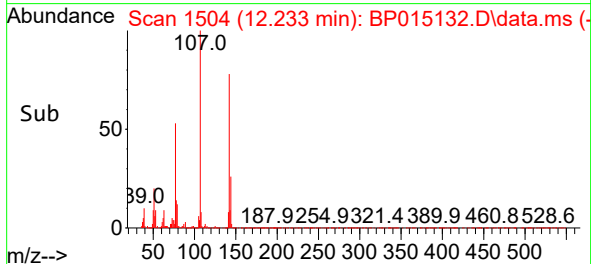
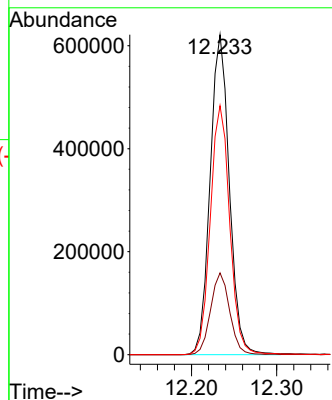
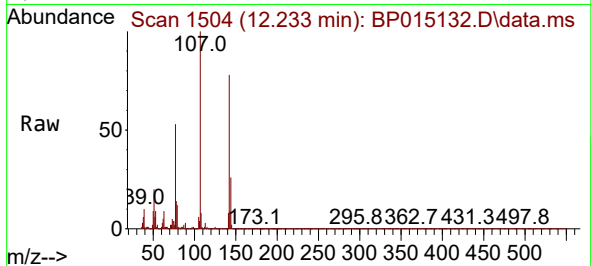




#35
4-Chloro-3-methylphenol
Concen: 38.526 ng/ul
RT: 12.233 min Scan# 1503
Delta R.T. 0.006 min
Lab File: BP015132.D
Acq: 17 May 2023 18:40

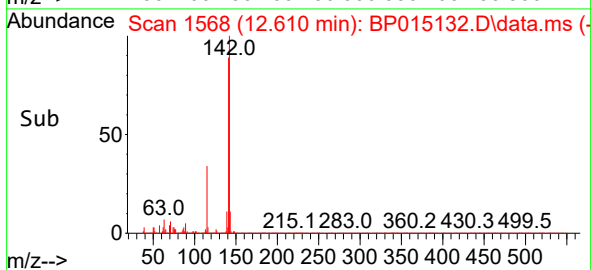
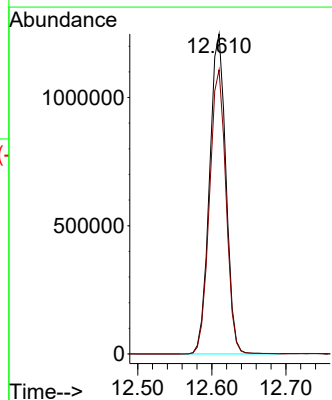
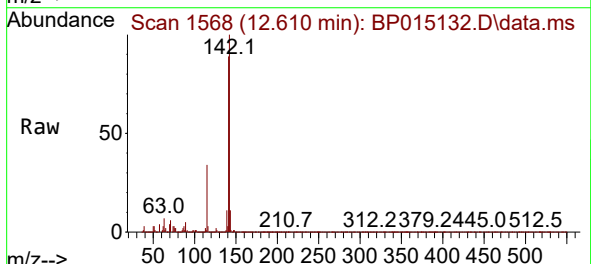
Instrument :
BNA_P
ClientSampleId :
SLCS858

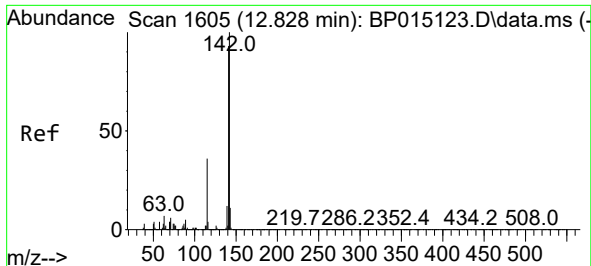
Tgt Ion:107 Resp: 974131
Ion Ratio Lower Upper
107 100
144 25.5 20.3 30.5
142 77.8 63.2 94.8



#36
2-Methylnaphthalene
Concen: 37.334 ng/ul
RT: 12.610 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BP015132.D
Acq: 17 May 2023 18:40

Tgt Ion:142 Resp: 1921624
Ion Ratio Lower Upper
142 100
141 88.8 71.0 106.6





#37

1-Methylnaphthalene

Concen: 38.065 ng/ul

RT: 12.828 min Scan# 1605

Delta R.T. -0.000 min

Lab File: BP015132.D

Acq: 17 May 2023 18:40

Instrument :

BNA_P

ClientSampleId :

SLCS858

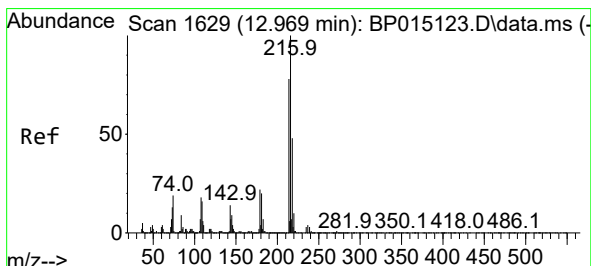
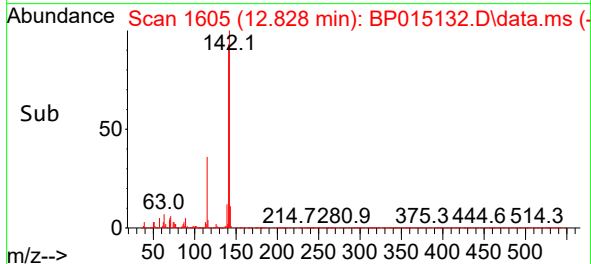
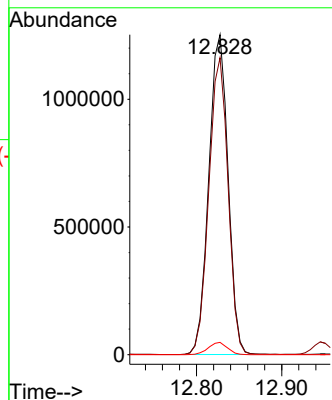
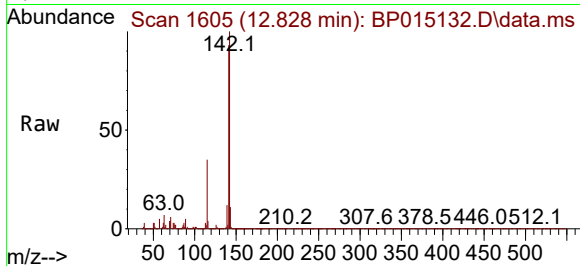
Tgt Ion:142 Resp: 1967570

Ion Ratio Lower Upper

142 100

141 92.8 74.6 112.0

116 3.9 2.9 4.3



#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.259 ng/ul

RT: 12.975 min Scan# 1630

Delta R.T. 0.006 min

Lab File: BP015132.D

Acq: 17 May 2023 18:40

Tgt Ion:216 Resp: 976853

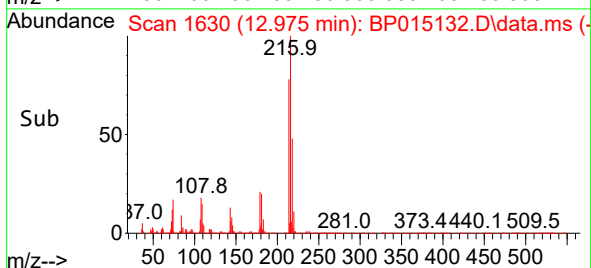
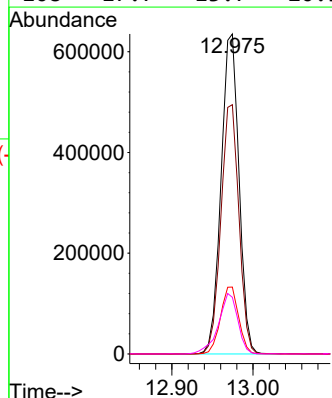
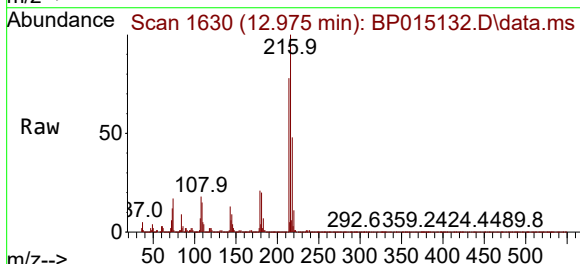
Ion Ratio Lower Upper

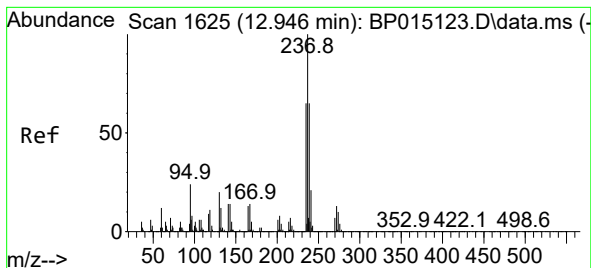
216 100

214 77.9 61.4 92.0

179 20.9 15.9 23.9

108 17.7 13.7 20.5





#40

Hexachlorocyclopentadiene

Concen: 31.540 ng/ul

RT: 12.951 min Scan# 1626

Delta R.T. 0.006 min

Lab File: BP015132.D

Acq: 17 May 2023 18:40

Instrument :

BNA_P

ClientSampleId :

SLCS858

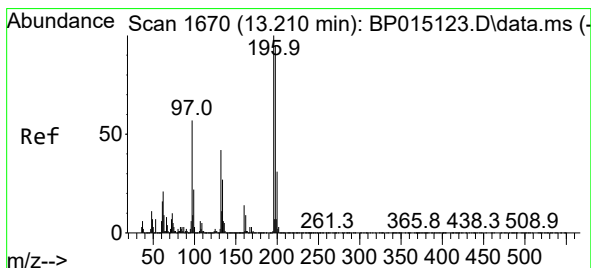
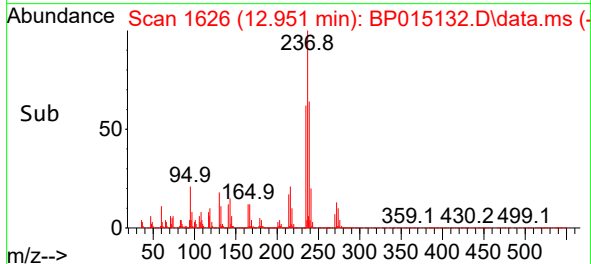
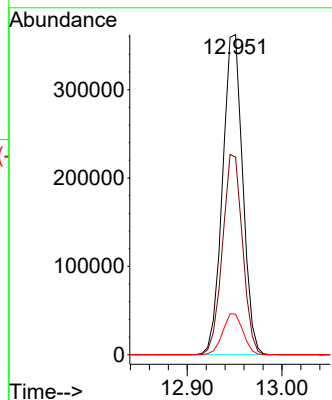
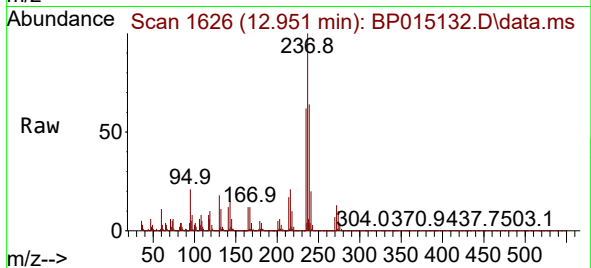
Tgt Ion:237 Resp: 535776

Ion Ratio Lower Upper

237 100

235 61.7 49.4 74.0

272 12.7 10.4 15.6



#41

2,4,6-Trichlorophenol

Concen: 35.620 ng/ul

RT: 13.210 min Scan# 1670

Delta R.T. -0.000 min

Lab File: BP015132.D

Acq: 17 May 2023 18:40

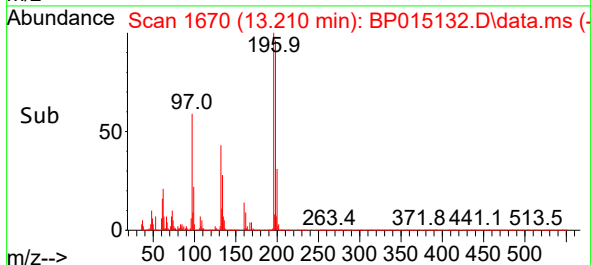
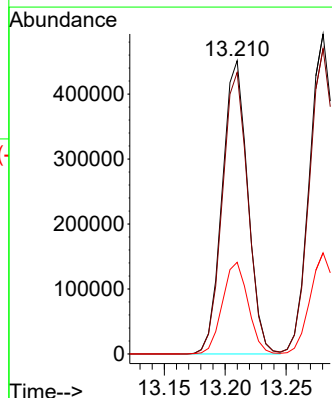
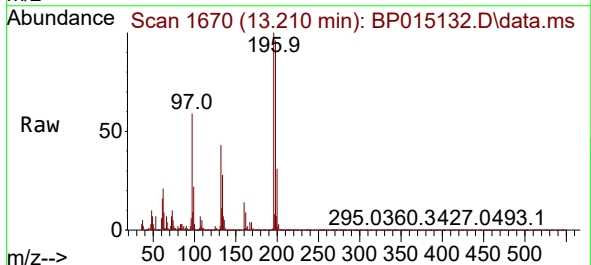
Tgt Ion:196 Resp: 659445

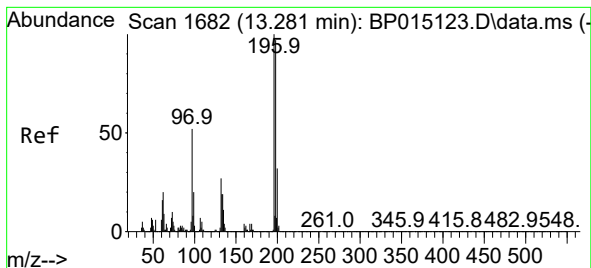
Ion Ratio Lower Upper

196 100

198 96.0 75.5 113.3

200 31.2 23.6 35.4





#42

2,4,5-Trichlorophenol

Concen: 36.635 ng/ul

RT: 13.280 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP015132.D

Acq: 17 May 2023 18:40

Instrument :

BNA_P

ClientSampleId :

SLCS858

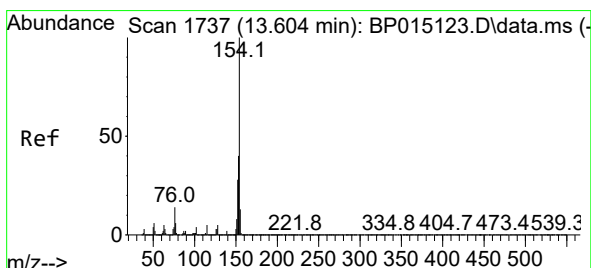
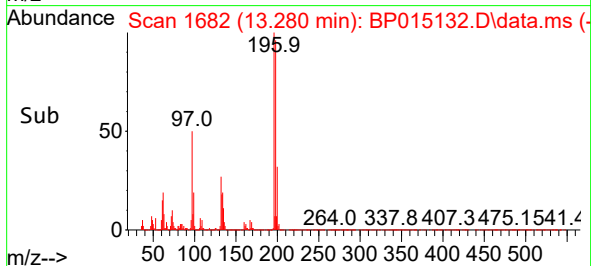
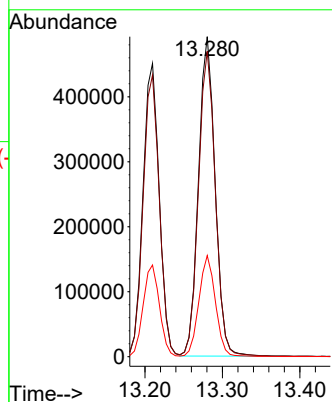
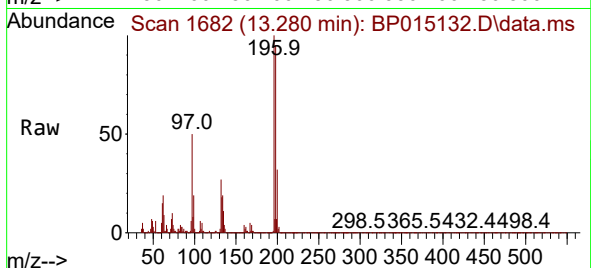
Tgt Ion:196 Resp: 735382

Ion Ratio Lower Upper

196 100

198 95.5 77.0 115.4

200 31.6 24.3 36.5



#43

1,1'-Biphenyl

Concen: 38.150 ng/ul

RT: 13.604 min Scan# 1737

Delta R.T. -0.000 min

Lab File: BP015132.D

Acq: 17 May 2023 18:40

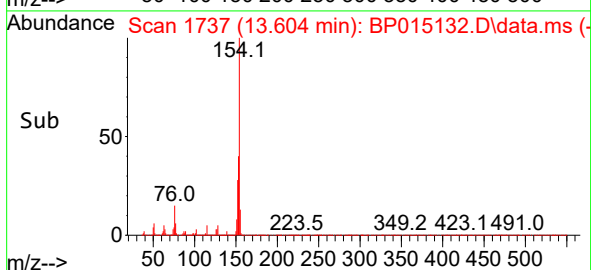
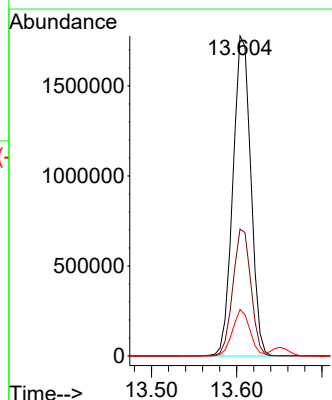
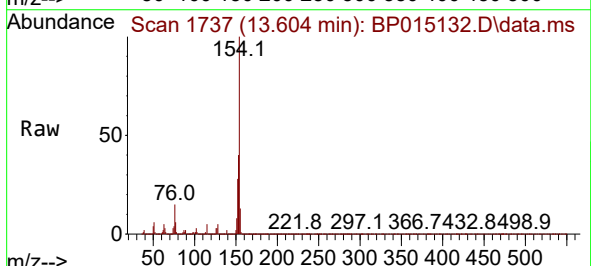
Tgt Ion:154 Resp: 2594831

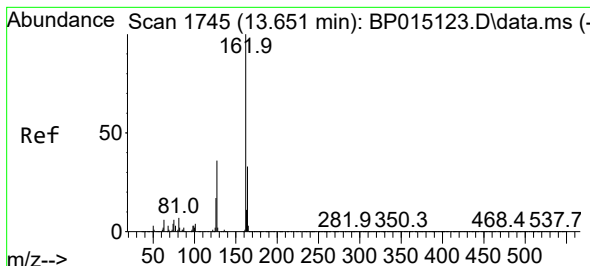
Ion Ratio Lower Upper

154 100

153 39.7 32.7 49.1

76 14.5 10.7 16.1





#44

2-Chloronaphthalene

Concen: 37.797 ng/ul

RT: 13.651 min Scan# 1745

Delta R.T. -0.000 min

Lab File: BP015132.D

Acq: 17 May 2023 18:40

Instrument :

BNA_P

ClientSampleId :

SLCS858

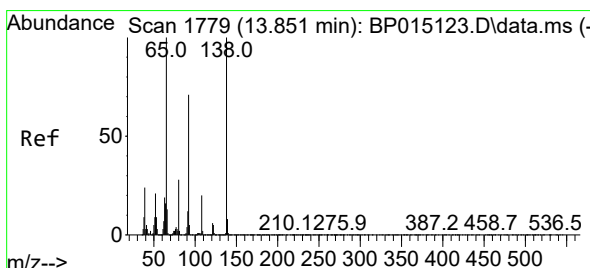
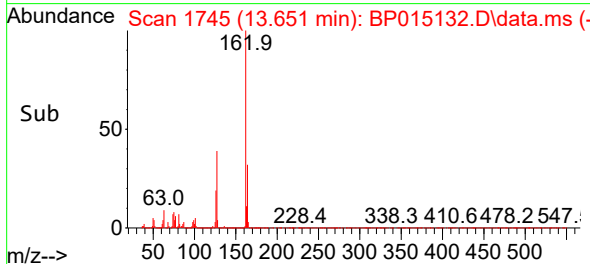
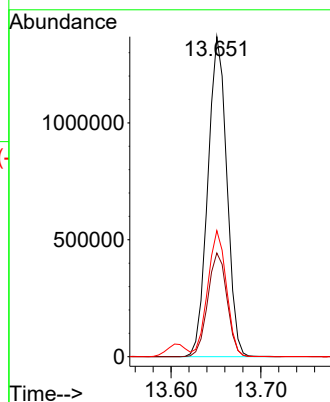
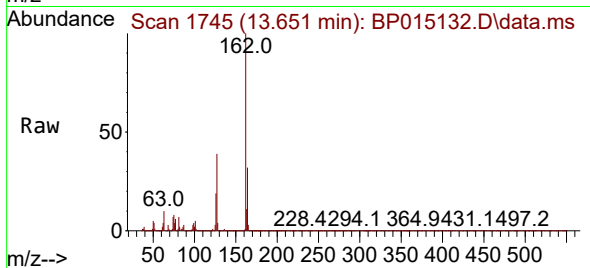
Tgt Ion:162 Resp: 2007675

Ion Ratio Lower Upper

162 100

164 32.4 25.9 38.9

127 39.4 30.8 46.2



#45

2-Nitroaniline

Concen: 41.381 ng/ul

RT: 13.857 min Scan# 1780

Delta R.T. 0.006 min

Lab File: BP015132.D

Acq: 17 May 2023 18:40

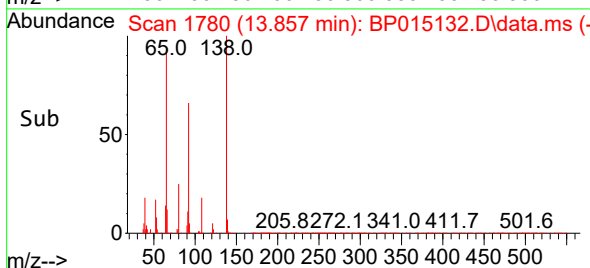
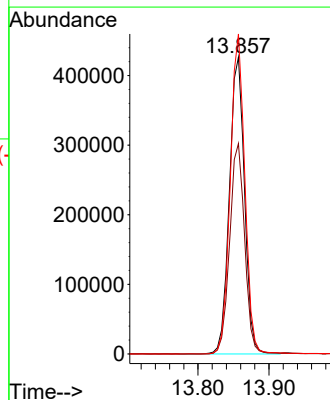
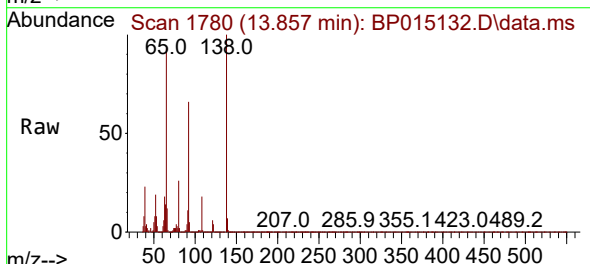
Tgt Ion: 65 Resp: 628916

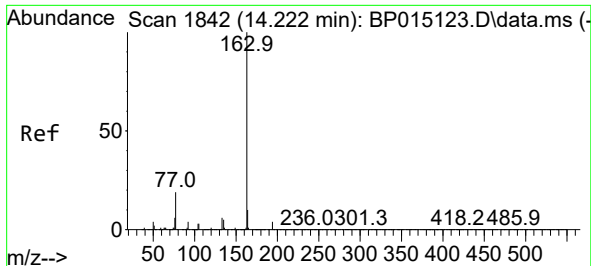
Ion Ratio Lower Upper

65 100

92 70.9 59.8 89.8

138 107.8 92.3 138.5

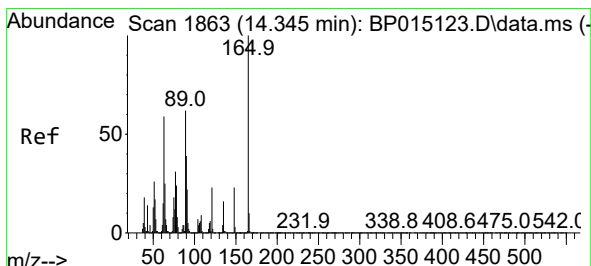
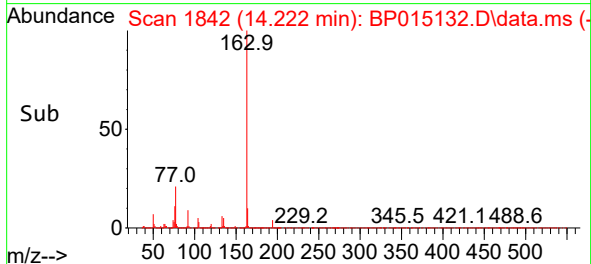
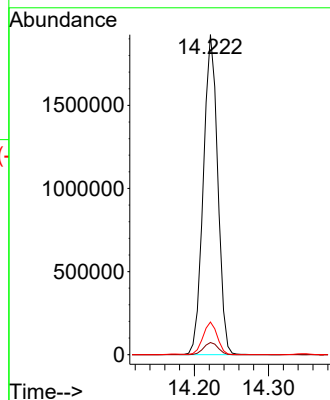
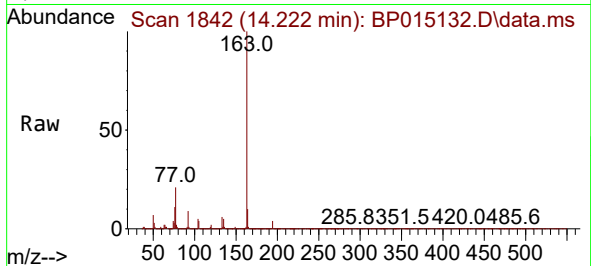




#47
Dimethylphthalate
Concen: 37.618 ng/ul
RT: 14.222 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BP015132.D
Acq: 17 May 2023 18:40

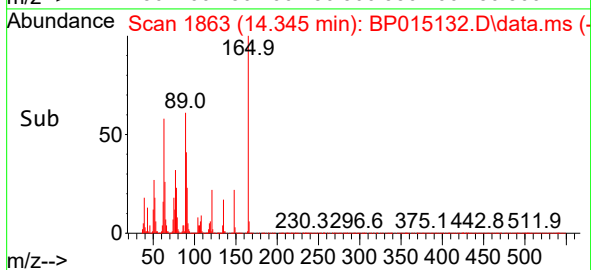
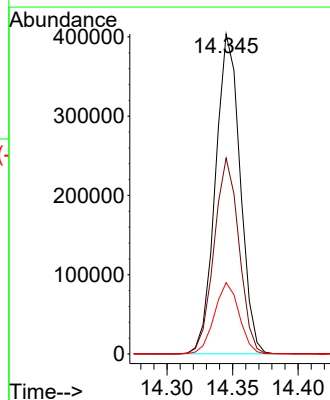
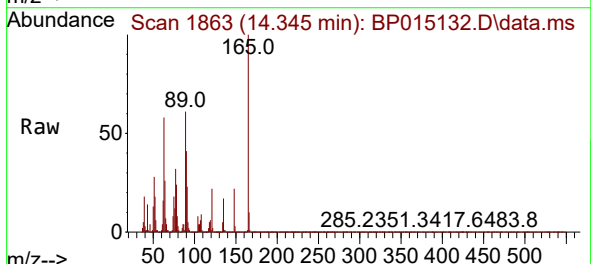
Instrument :
BNA_P
ClientSampleId :
SLCS858

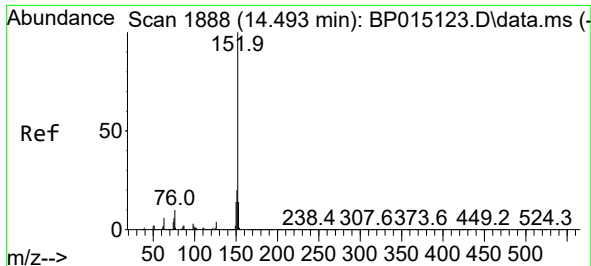
Tgt Ion:163 Resp: 2595224
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.2 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 38.664 ng/ul
RT: 14.345 min Scan# 1863
Delta R.T. -0.000 min
Lab File: BP015132.D
Acq: 17 May 2023 18:40

Tgt Ion:165 Resp: 528442
Ion Ratio Lower Upper
165 100
89 61.2 48.0 72.0
121 22.3 17.5 26.3

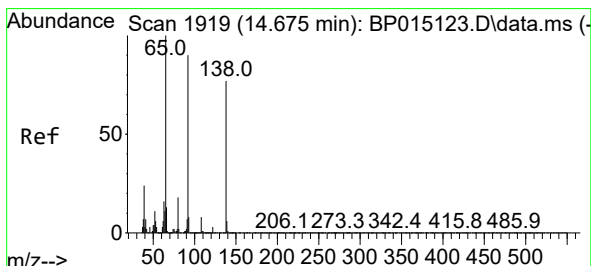
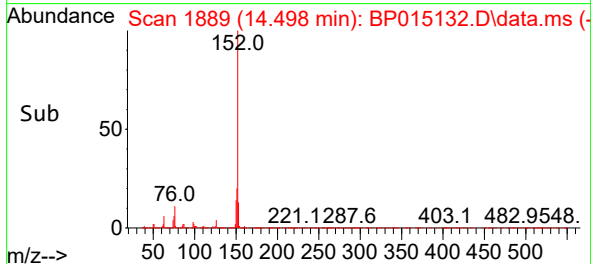
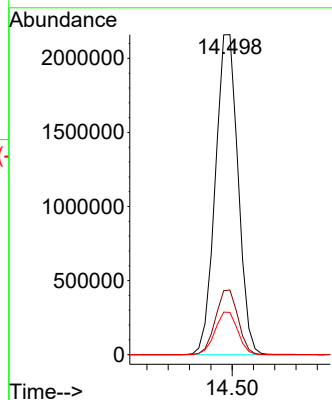
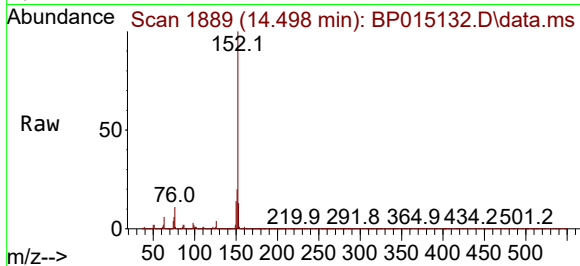




#50
Acenaphthylene
Concen: 37.792 ng/ul
RT: 14.498 min Scan# 1888
Delta R.T. 0.006 min
Lab File: BP015132.D
Acq: 17 May 2023 18:40

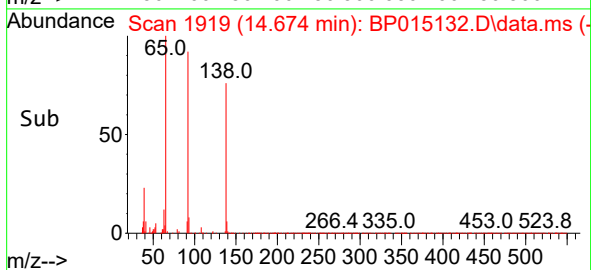
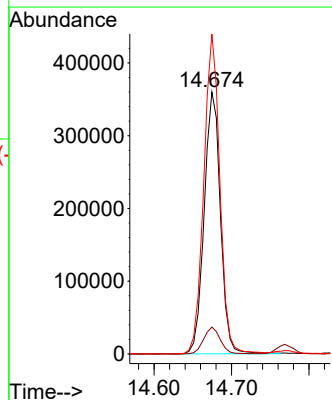
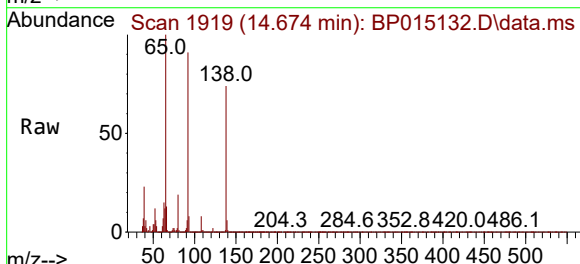
Instrument :
BNA_P
ClientSampleId :
SLCS858

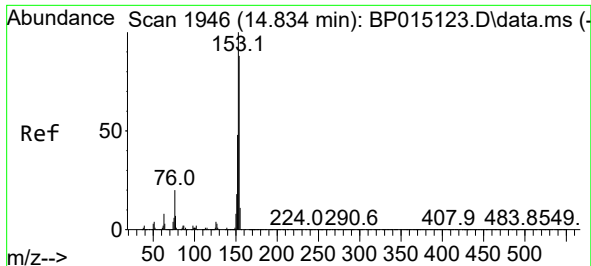
Tgt Ion:152 Resp: 3194711
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.2 10.3 15.5



#51
3-Nitroaniline
Concen: 42.602 ng/ul
RT: 14.674 min Scan# 1919
Delta R.T. -0.000 min
Lab File: BP015132.D
Acq: 17 May 2023 18:40

Tgt Ion:138 Resp: 524311
Ion Ratio Lower Upper
138 100
108 10.3 8.8 13.2
92 122.2 93.4 140.0

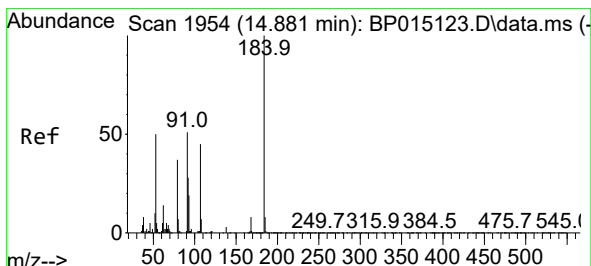
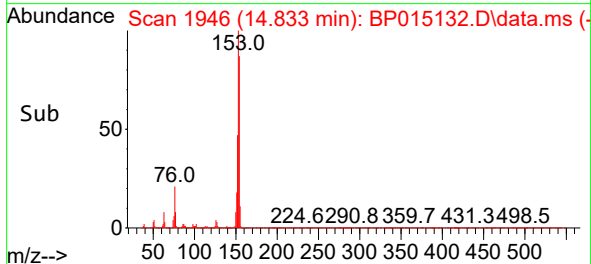
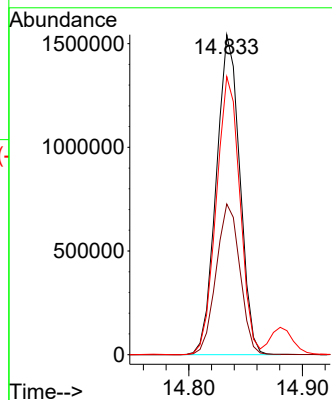
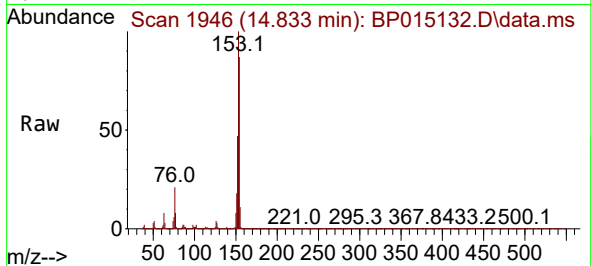




#52
Acenaphthene
Concen: 38.453 ng/ul
RT: 14.833 min Scan# 1946
Delta R.T. -0.000 min
Lab File: BP015132.D
Acq: 17 May 2023 18:40

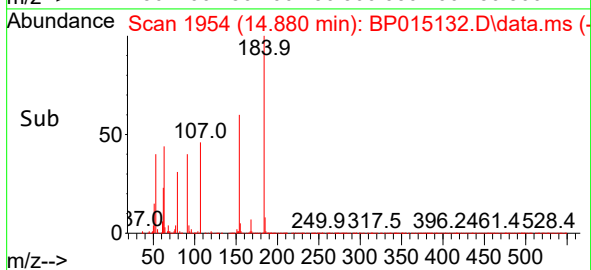
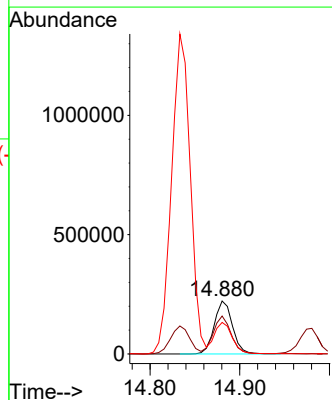
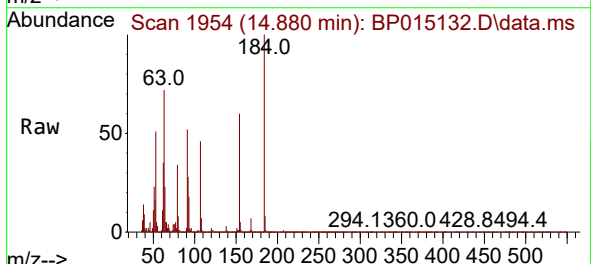
Instrument :
BNA_P
ClientSampleId :
SLCS858

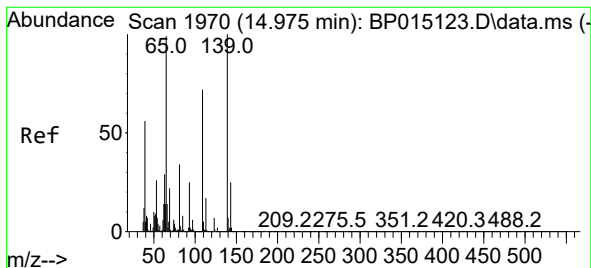
Tgt Ion:153 Resp: 2220133
Ion Ratio Lower Upper
153 100
152 47.1 38.0 57.0
154 86.9 71.0 106.4



#53
2,4-Dinitrophenol
Concen: 34.495 ng/ul
RT: 14.880 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BP015132.D
Acq: 17 May 2023 18:40

Tgt Ion:184 Resp: 313036
Ion Ratio Lower Upper
184 100
63 71.5 49.7 74.5
154 59.5 47.5 71.3

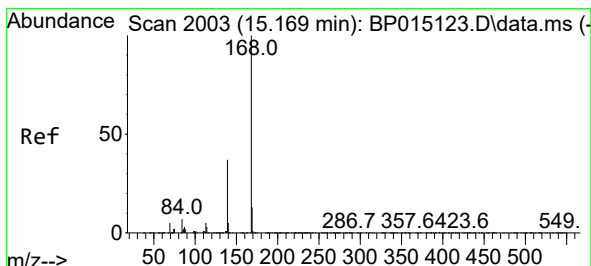
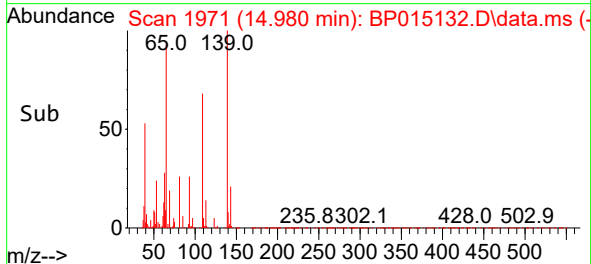
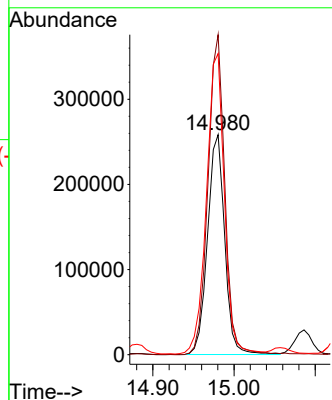
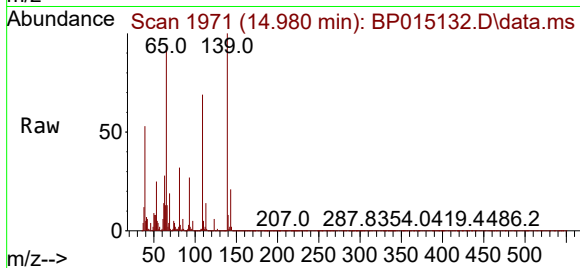




#55
4-Nitrophenol
Concen: 40.074 ng/ul
RT: 14.980 min Scan# 1970
Delta R.T. 0.006 min
Lab File: BP015132.D
Acq: 17 May 2023 18:40

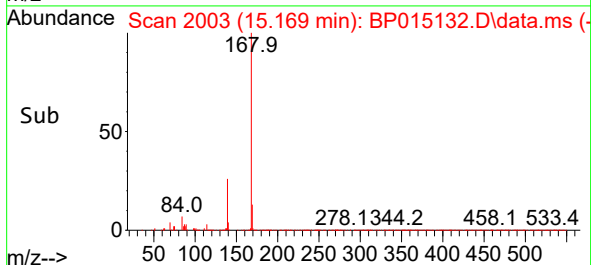
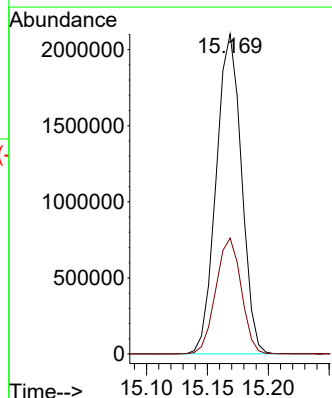
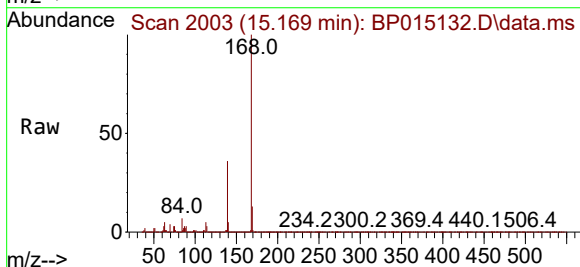
Instrument :
BNA_P
ClientSampleId :
SLCS858

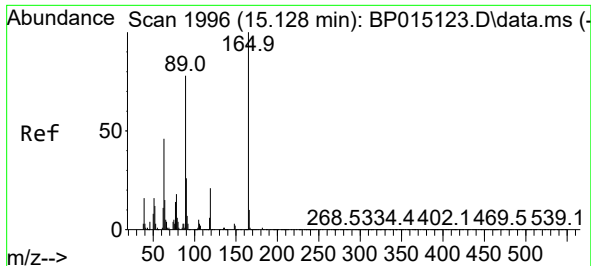
Tgt Ion:109 Resp: 379136
Ion Ratio Lower Upper
109 100
139 145.4 115.3 172.9
65 136.8 107.9 161.9



#56
Dibenzofuran
Concen: 37.854 ng/ul
RT: 15.169 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BP015132.D
Acq: 17 May 2023 18:40

Tgt Ion:168 Resp: 3039903
Ion Ratio Lower Upper
168 100
139 36.2 29.4 44.0





#57

2,4-Dinitrotoluene

Concen: 39.149 ng/ul

RT: 15.133 min Scan# 1996

Delta R.T. 0.006 min

Lab File: BP015132.D

Acq: 17 May 2023 18:40

Instrument :

BNA_P

ClientSampleId :

SLCS858

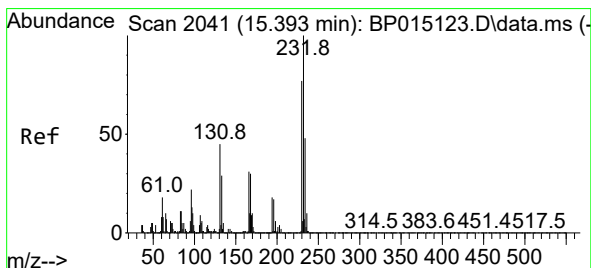
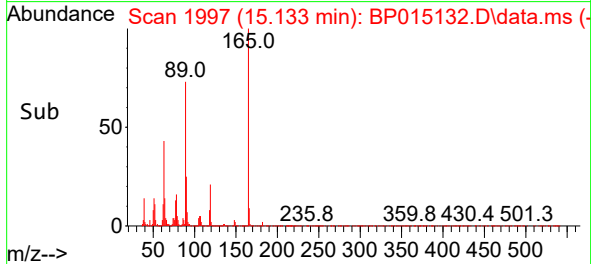
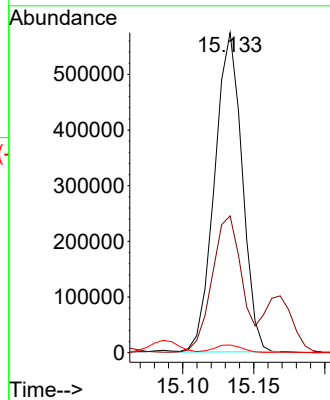
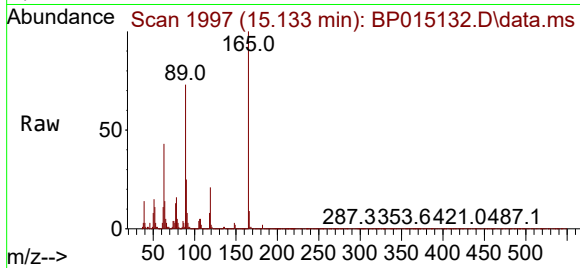
Tgt Ion:165 Resp: 774272

Ion Ratio Lower Upper

165 100

63 42.8 33.1 49.7

182 2.4 2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.095 ng/ul

RT: 15.392 min Scan# 2041

Delta R.T. -0.000 min

Lab File: BP015132.D

Acq: 17 May 2023 18:40

Tgt Ion:232 Resp: 594547

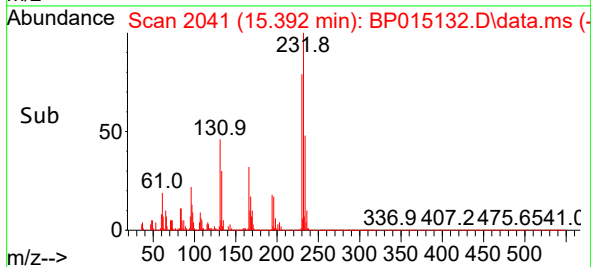
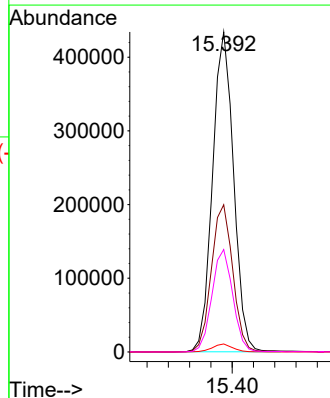
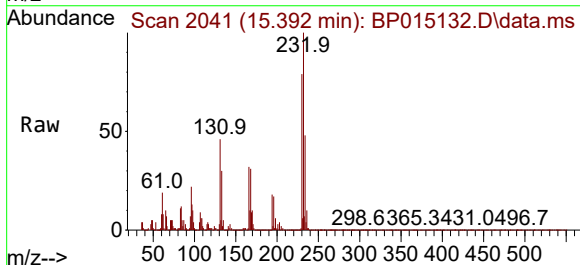
Ion Ratio Lower Upper

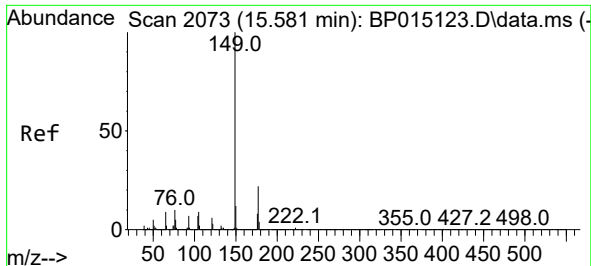
232 100

131 46.0 36.8 55.2

130 2.5 1.9 2.9

166 32.0 24.6 37.0

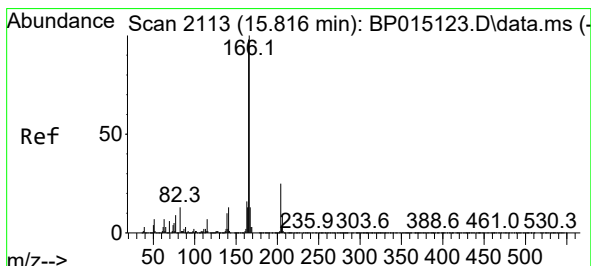
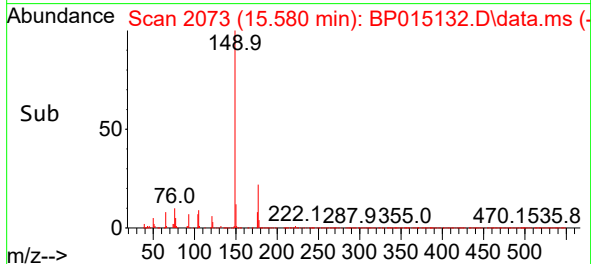
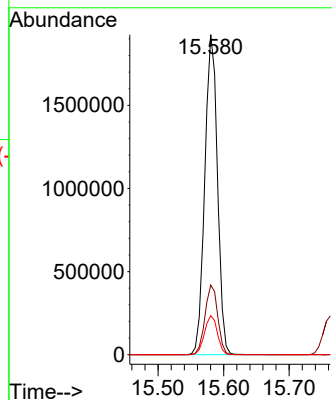
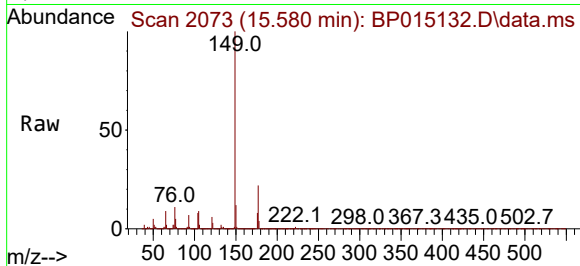




#59
Diethylphthalate
Concen: 37.615 ng/ul
RT: 15.580 min Scan# 2073
Delta R.T. -0.000 min
Lab File: BP015132.D
Acq: 17 May 2023 18:40

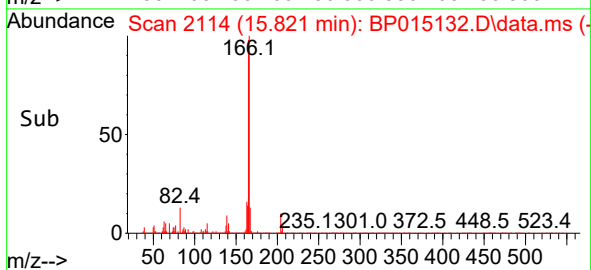
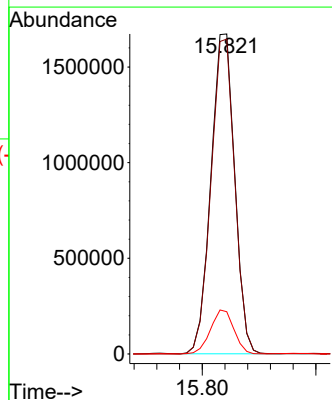
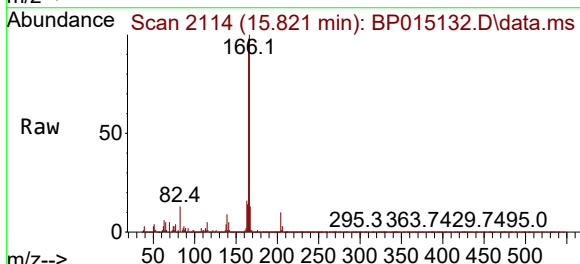
Instrument :
BNA_P
ClientSampleId :
SLCS858

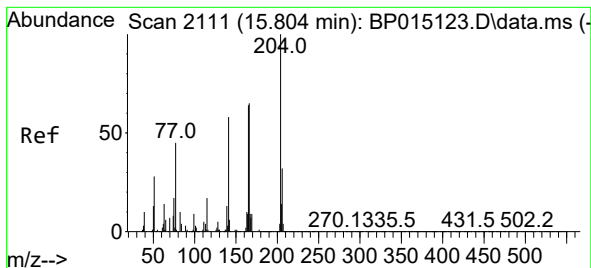
Tgt Ion:149 Resp: 2588224
Ion Ratio Lower Upper
149 100
177 21.7 17.5 26.3
150 12.2 9.8 14.8



#61
Fluorene
Concen: 37.683 ng/ul
RT: 15.821 min Scan# 2114
Delta R.T. 0.006 min
Lab File: BP015132.D
Acq: 17 May 2023 18:40

Tgt Ion:166 Resp: 2431947
Ion Ratio Lower Upper
166 100
165 98.4 77.8 116.6
167 13.2 10.6 15.8

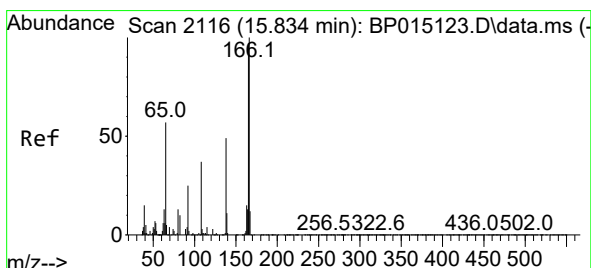
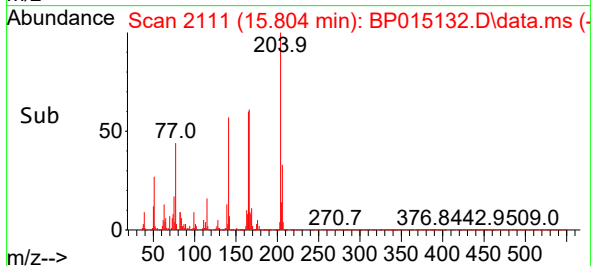
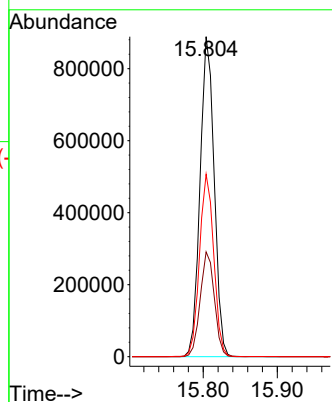
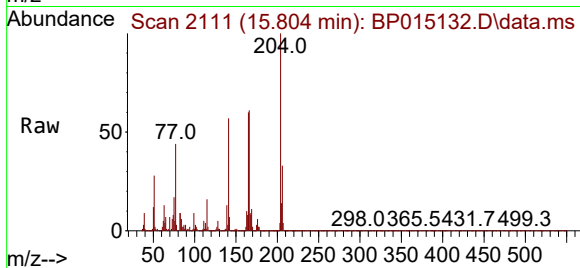




#62
4-Chlorophenyl-phenylether
Concen: 37.207 ng/ul
RT: 15.804 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BP015132.D
Acq: 17 May 2023 18:40

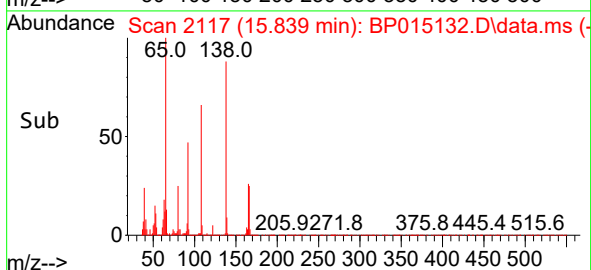
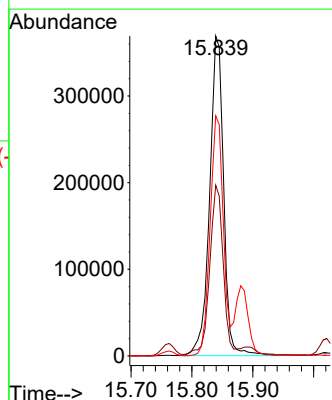
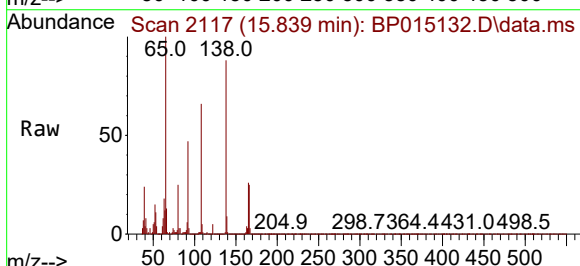
Instrument :
BNA_P
ClientSampleId :
SLCS858

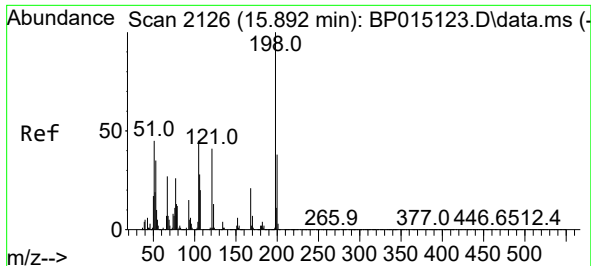
Tgt Ion:204 Resp: 1173230
Ion Ratio Lower Upper
204 100
206 32.8 26.1 39.1
141 57.0 44.5 66.7



#63
4-Nitroaniline
Concen: 55.689 ng/ul
RT: 15.839 min Scan# 2117
Delta R.T. 0.006 min
Lab File: BP015132.D
Acq: 17 May 2023 18:40

Tgt Ion:138 Resp: 591858
Ion Ratio Lower Upper
138 100
92 53.4 41.2 61.8
108 75.1 60.1 90.1

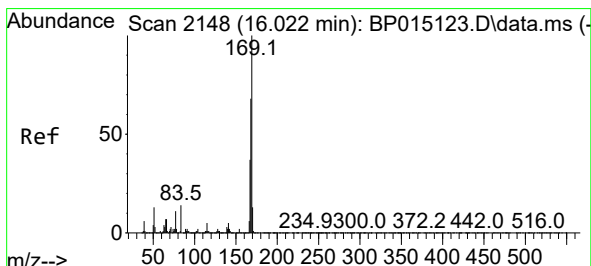
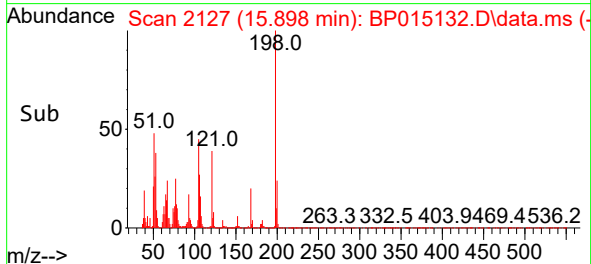
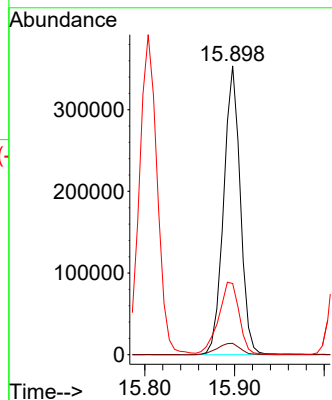
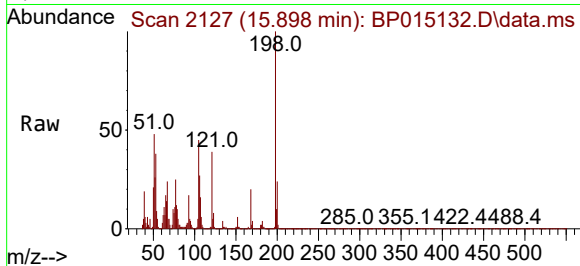




#66
4,6-Dinitro-2-methylphenol
Concen: 36.872 ng/ul
RT: 15.898 min Scan# 2126
Delta R.T. 0.006 min
Lab File: BP015132.D
Acq: 17 May 2023 18:40

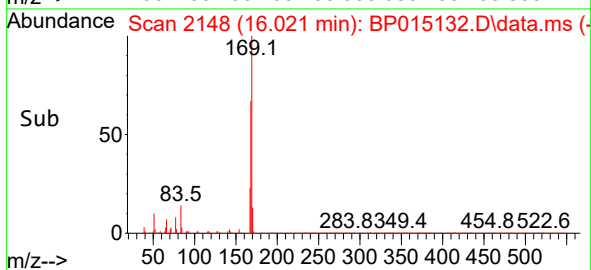
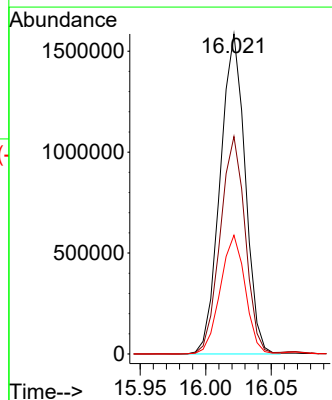
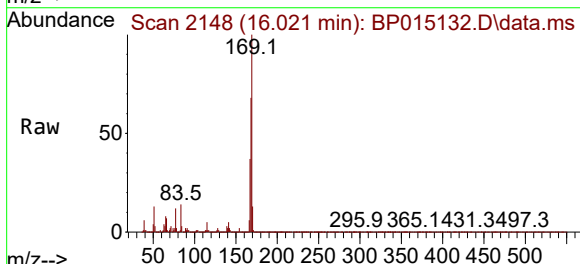
Instrument :
BNA_P
ClientSampleId :
SLCS858

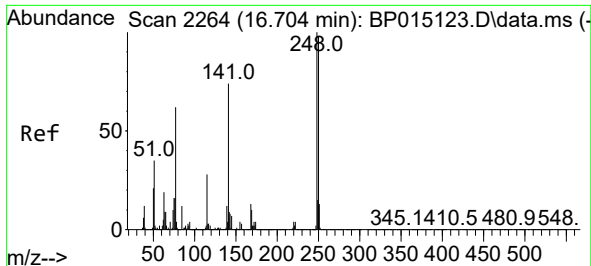
Tgt Ion:198 Resp: 454632
Ion Ratio Lower Upper
198 100
182 3.9 3.7 5.5
77 24.7 21.2 31.8



#67
N-Nitrosodiphenylamine
Concen: 37.673 ng/ul
RT: 16.021 min Scan# 2148
Delta R.T. -0.000 min
Lab File: BP015132.D
Acq: 17 May 2023 18:40

Tgt Ion:169 Resp: 2099931
Ion Ratio Lower Upper
169 100
168 67.9 53.5 80.3
167 37.1 28.9 43.3

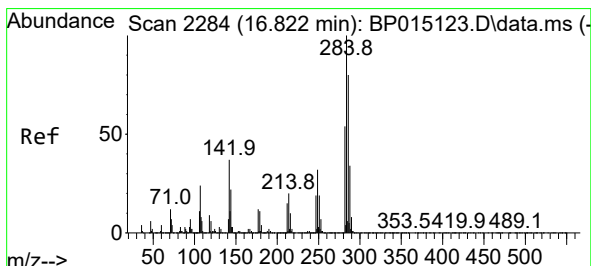
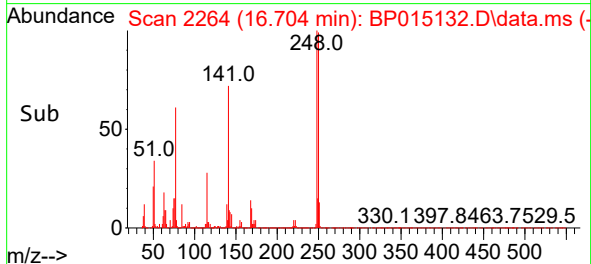
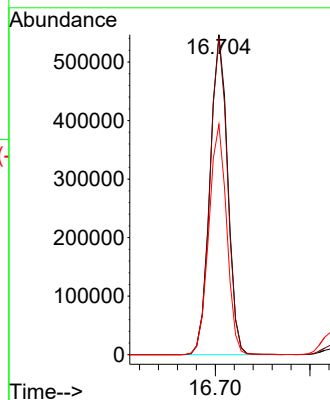
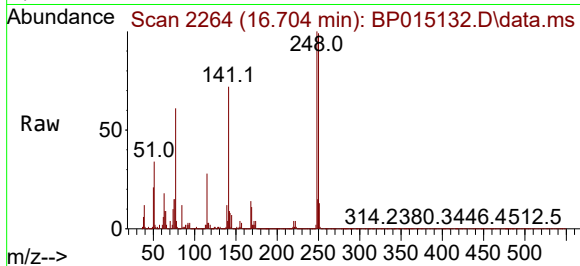




#68
4-Bromophenyl-phenylether
Concen: 36.354 ng/ul
RT: 16.704 min Scan# 211
Delta R.T. -0.000 min
Lab File: BP015132.D
Acq: 17 May 2023 18:40

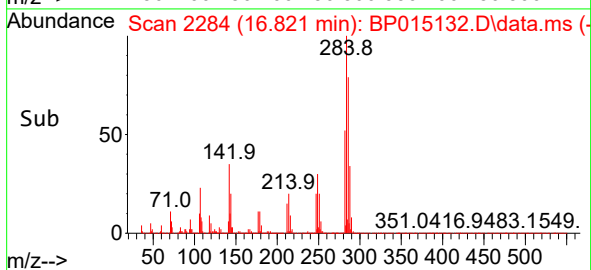
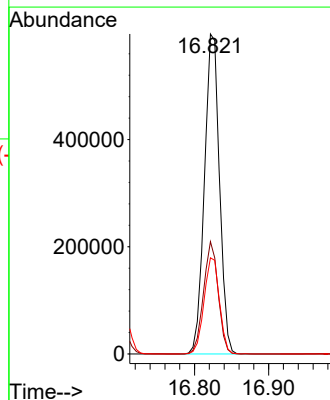
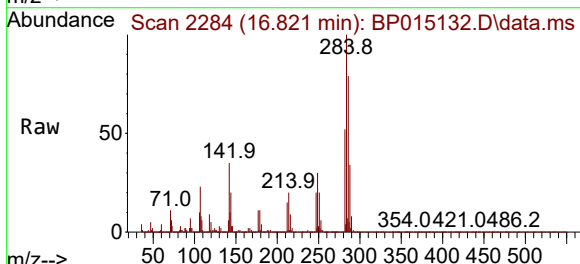
Instrument :
BNA_P
ClientSampleId :
SLCS858

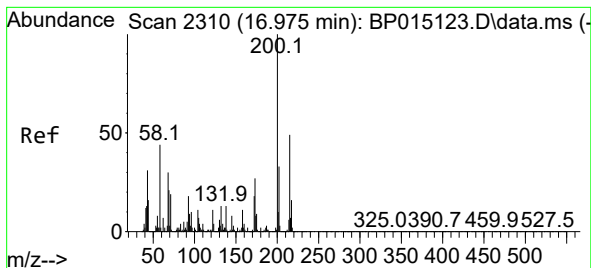
Tgt Ion:248 Resp: 709847
Ion Ratio Lower Upper
248 100
250 99.0 79.0 118.4
141 72.0 58.6 87.8



#69
Hexachlorobenzene
Concen: 36.463 ng/ul
RT: 16.821 min Scan# 2284
Delta R.T. -0.000 min
Lab File: BP015132.D
Acq: 17 May 2023 18:40

Tgt Ion:284 Resp: 841390
Ion Ratio Lower Upper
284 100
142 35.1 27.3 40.9
249 30.0 24.6 36.8





#70

Atrazine

Concen: 20.922 ng/ul

RT: 16.968 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP015132.D

Acq: 17 May 2023 18:40

Instrument :

BNA_P

ClientSampleId :

SLCS858

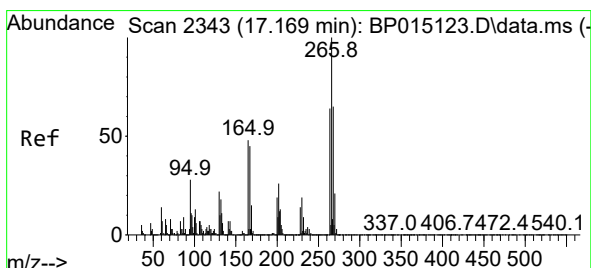
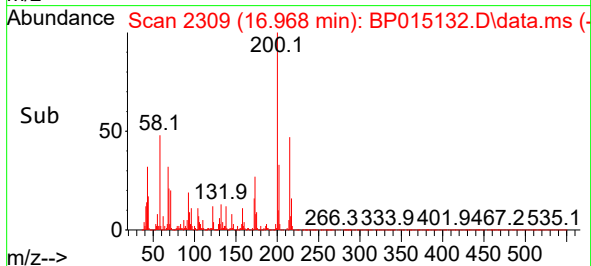
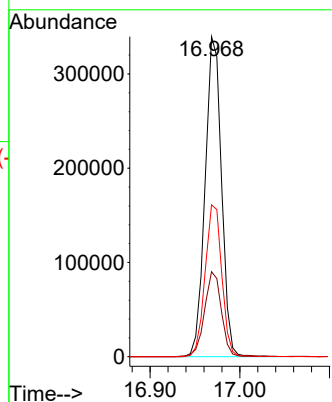
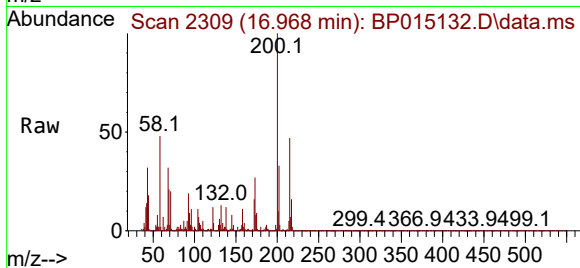
Tgt Ion:200 Resp: 431065

Ion Ratio Lower Upper

200 100

173 26.6 21.4 32.2

215 47.5 38.1 57.1



#71

Pentachlorophenol

Concen: 34.389 ng/ul

RT: 17.168 min Scan# 2343

Delta R.T. -0.000 min

Lab File: BP015132.D

Acq: 17 May 2023 18:40

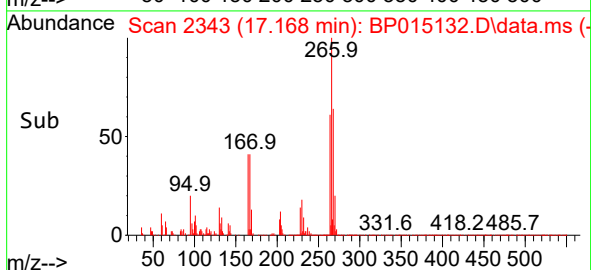
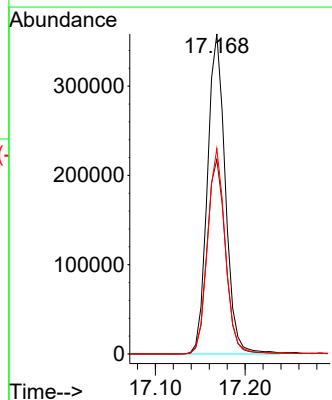
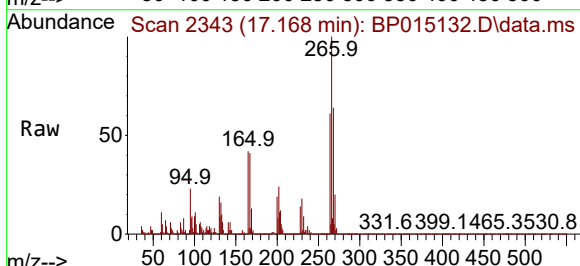
Tgt Ion:266 Resp: 496359

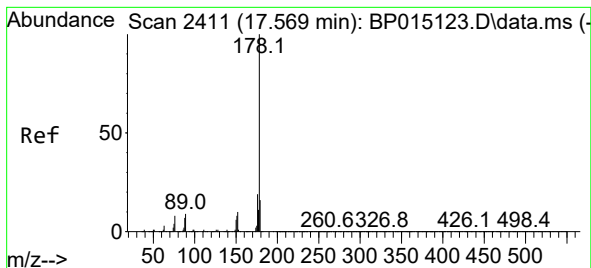
Ion Ratio Lower Upper

266 100

264 60.8 51.0 76.4

268 64.2 51.8 77.6





#72

Phenanthrene

Concen: 37.868 ng/ul

RT: 17.568 min Scan# 2411

Delta R.T. -0.000 min

Lab File: BP015132.D

Acq: 17 May 2023 18:40

Instrument :

BNA_P

ClientSampleId :

SLCS858

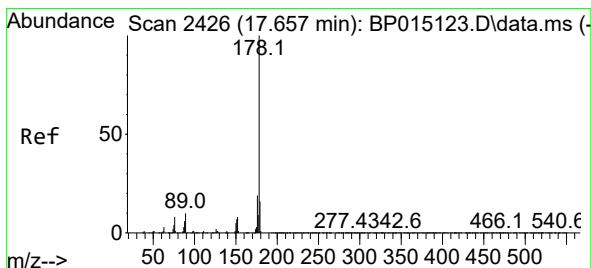
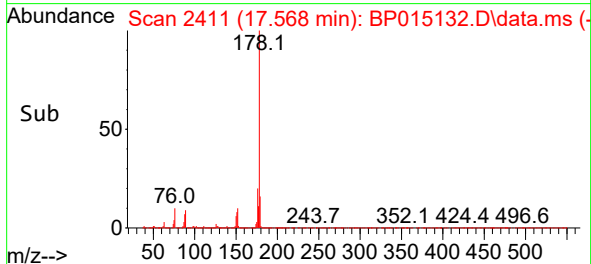
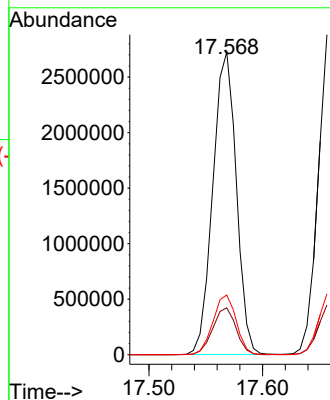
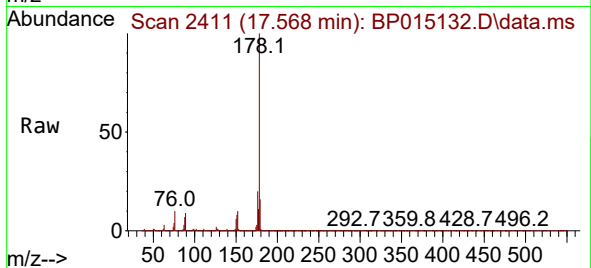
Tgt Ion:178 Resp: 3909044

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.2

176 19.7 15.6 23.4



#74

Anthracene

Concen: 37.817 ng/ul

RT: 17.657 min Scan# 2426

Delta R.T. -0.000 min

Lab File: BP015132.D

Acq: 17 May 2023 18:40

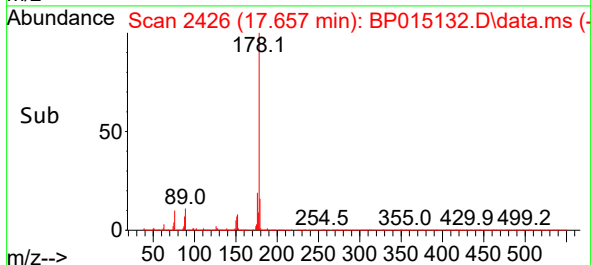
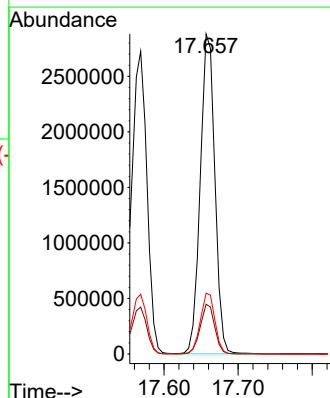
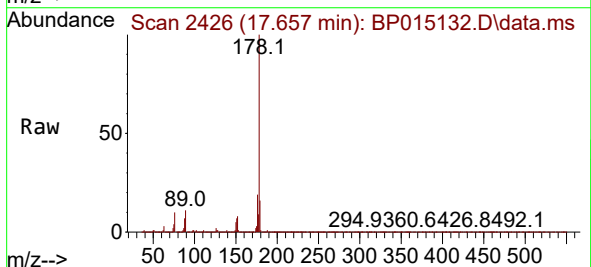
Tgt Ion:178 Resp: 3947616

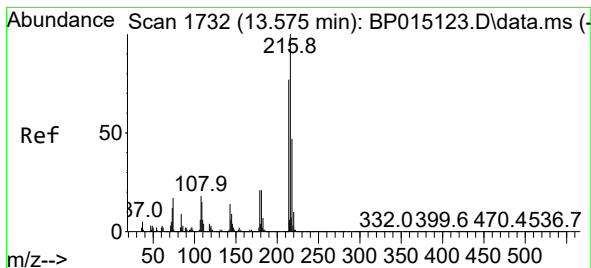
Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.2

176 19.0 15.2 22.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 36.651 ng/uL

RT: 13.575 min Scan# 1732

Delta R.T. -0.000 min

Lab File: BP015132.D

Acq: 17 May 2023 18:40

Instrument :

BNA_P

ClientSampleId :

SLCS858

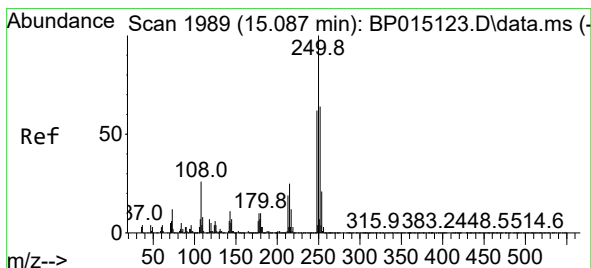
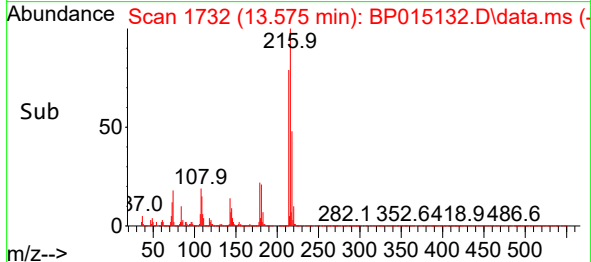
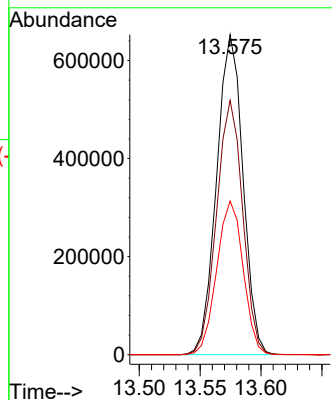
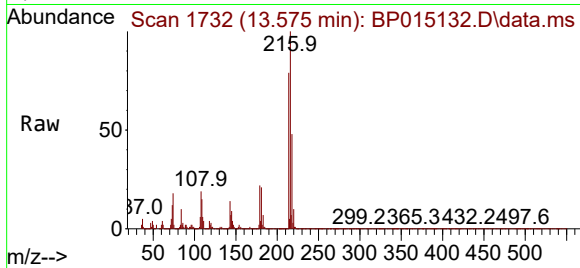
Tgt Ion:216 Resp: 985104

Ion Ratio Lower Upper

216 100

214 79.5 62.2 93.4

218 48.0 38.2 57.2



#76

Pentachlorobenzene

Concen: 35.812 ng/uL

RT: 15.086 min Scan# 1989

Delta R.T. -0.000 min

Lab File: BP015132.D

Acq: 17 May 2023 18:40

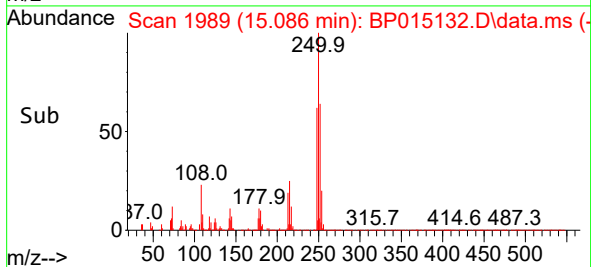
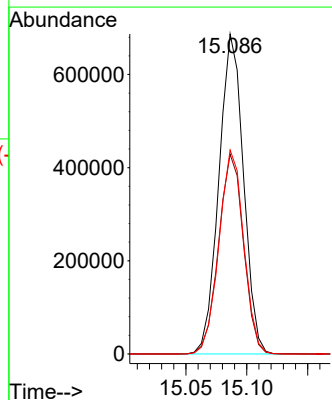
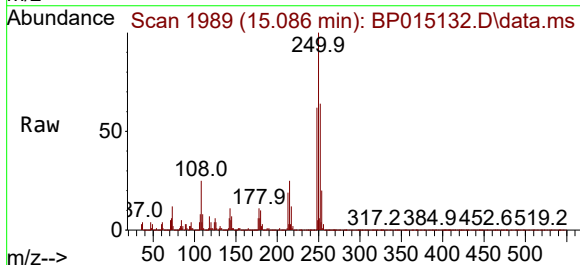
Tgt Ion:250 Resp: 966479

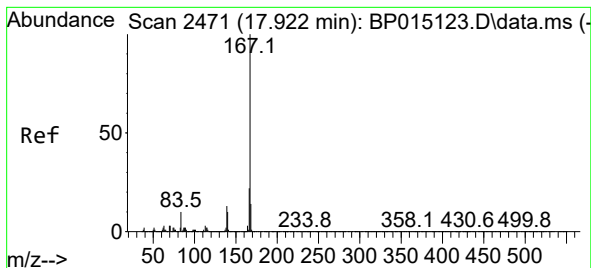
Ion Ratio Lower Upper

250 100

248 62.4 49.8 74.6

252 63.8 51.6 77.4





#77

Carbazole

Concen: 39.626 ng/ul

RT: 17.921 min Scan# 2471

Delta R.T. -0.000 min

Lab File: BP015132.D

Acq: 17 May 2023 18:40

Instrument :

BNA_P

ClientSampleId :

SLCS858

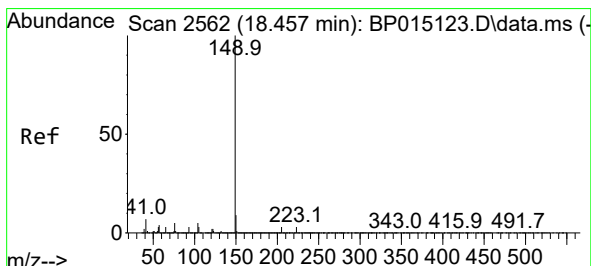
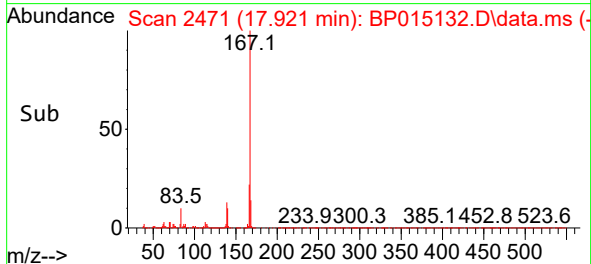
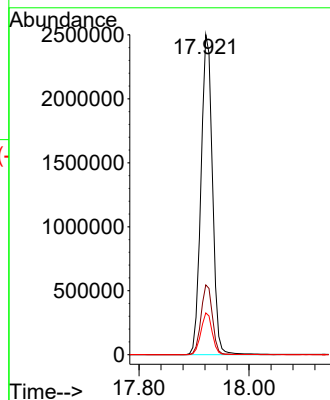
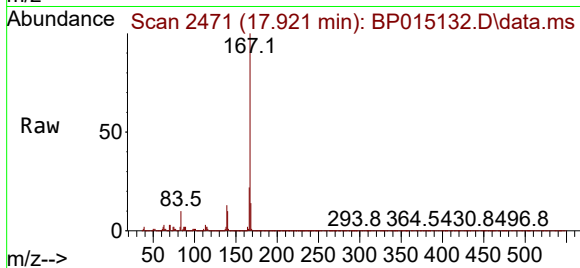
Tgt Ion:167 Resp: 3627167

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.2

139 13.1 10.2 15.4



#78

Di-n-butylphthalate

Concen: 37.396 ng/ul

RT: 18.457 min Scan# 2562

Delta R.T. -0.000 min

Lab File: BP015132.D

Acq: 17 May 2023 18:40

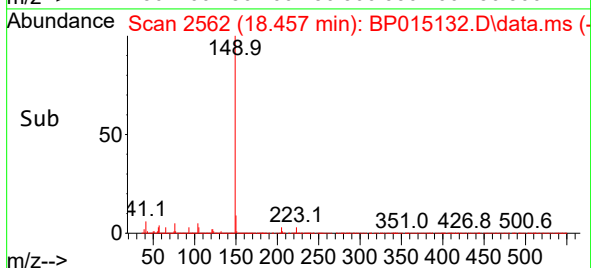
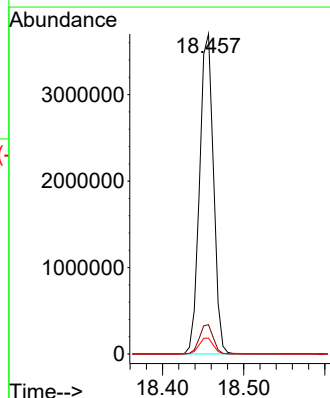
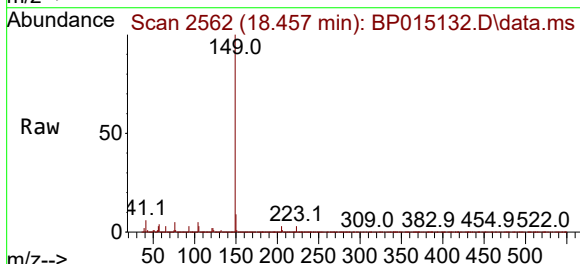
Tgt Ion:149 Resp: 4408083

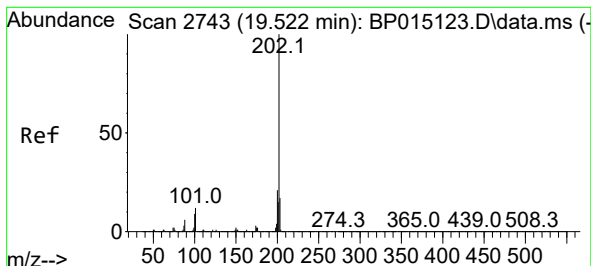
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 5.0 3.9 5.9





#80

Fluoranthene

Concen: 39.090 ng/ul

RT: 19.515 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP015132.D

Acq: 17 May 2023 18:40

Instrument :

BNA_P

ClientSampleId :

SLCS858

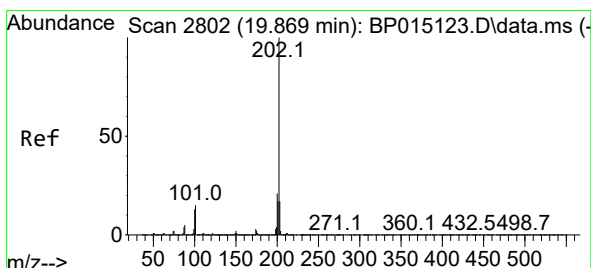
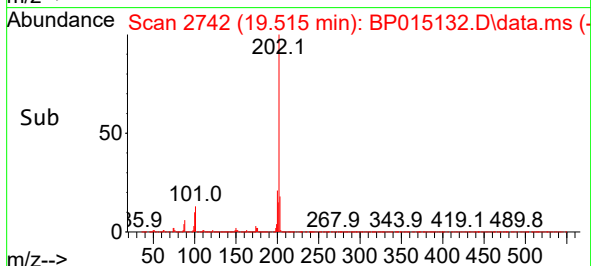
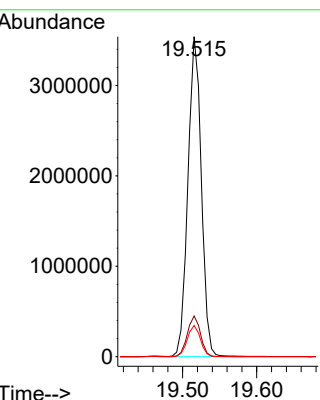
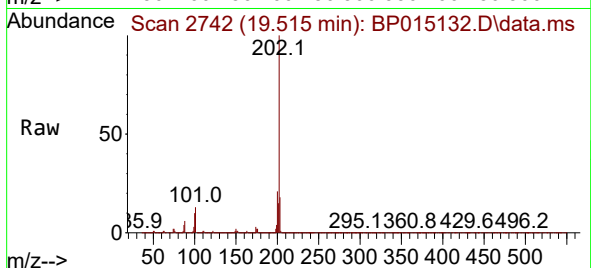
Tgt Ion:202 Resp: 4440596

Ion Ratio Lower Upper

202 100

101 12.7 9.5 14.3

100 9.7 7.3 10.9



#82

Pyrene

Concen: 39.703 ng/ul

RT: 19.868 min Scan# 2802

Delta R.T. -0.000 min

Lab File: BP015132.D

Acq: 17 May 2023 18:40

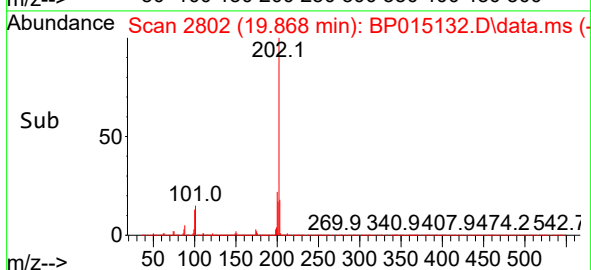
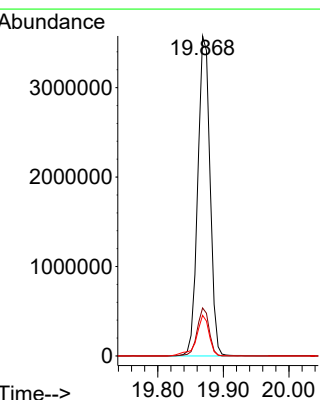
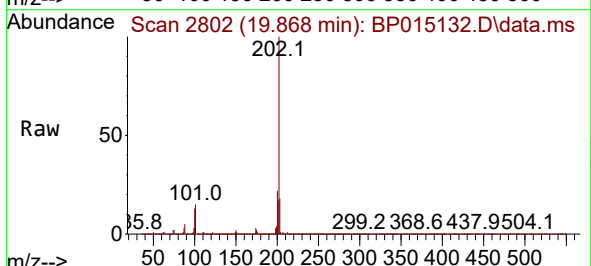
Tgt Ion:202 Resp: 4657620

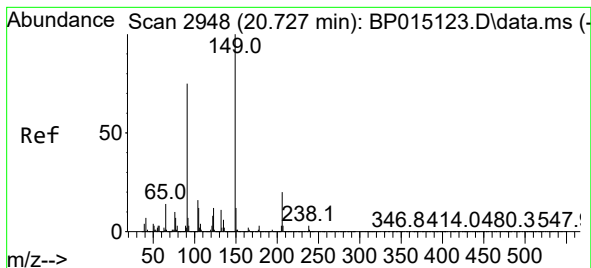
Ion Ratio Lower Upper

202 100

101 15.0 11.2 16.8

100 12.7 9.0 13.6





#83

Butylbenzylphthalate

Concen: 37.438 ng/ul

RT: 20.721 min Scan# 2948

Delta R.T. -0.000 min

Lab File: BP015132.D

Acq: 17 May 2023 18:40

Instrument :

BNA_P

ClientSampleId :

SLCS858

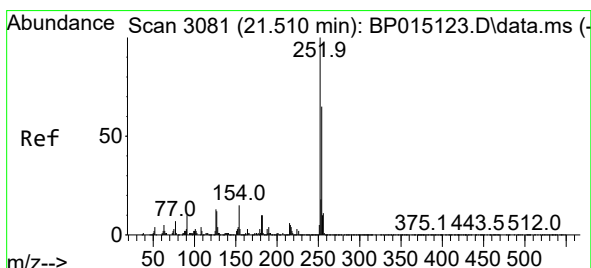
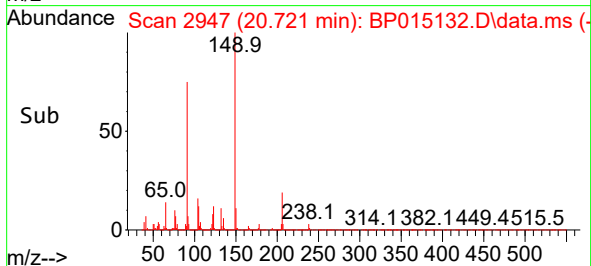
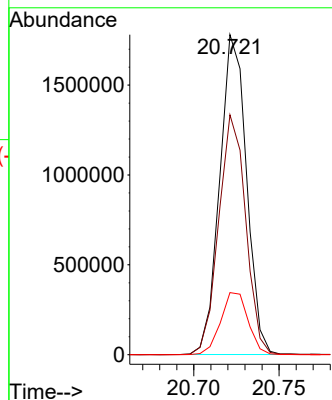
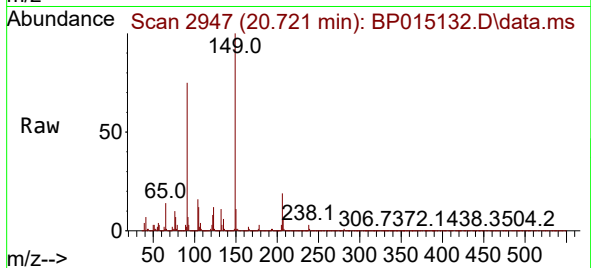
Tgt Ion:149 Resp: 1947006

Ion Ratio Lower Upper

149 100

91 74.9 57.4 86.2

206 19.4 16.6 25.0



#84

3,3'-Dichlorobenzidine

Concen: 39.080 ng/ul

RT: 21.509 min Scan# 3081

Delta R.T. -0.000 min

Lab File: BP015132.D

Acq: 17 May 2023 18:40

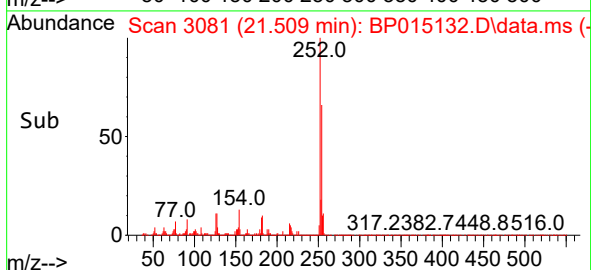
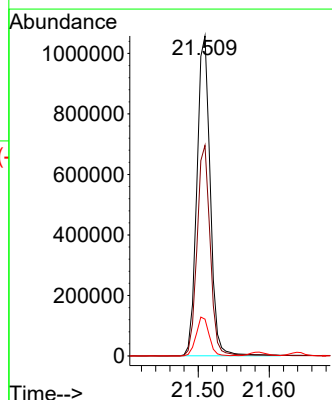
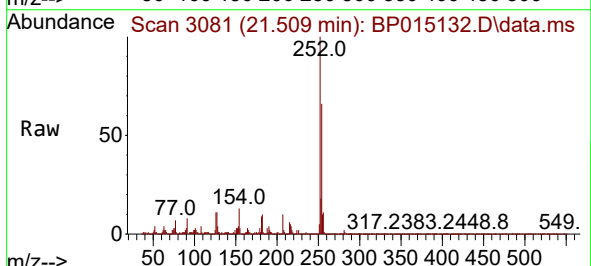
Tgt Ion:252 Resp: 1379266

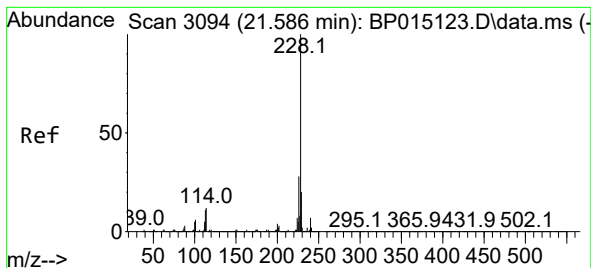
Ion Ratio Lower Upper

252 100

254 65.8 50.8 76.2

126 11.5 9.8 14.8





#85

Benzo(a)anthracene

Concen: 38.339 ng/ul

RT: 21.586 min Scan# 3094

Delta R.T. -0.000 min

Lab File: BP015132.D

Acq: 17 May 2023 18:40

Instrument :

BNA_P

ClientSampleId :

SLCS858

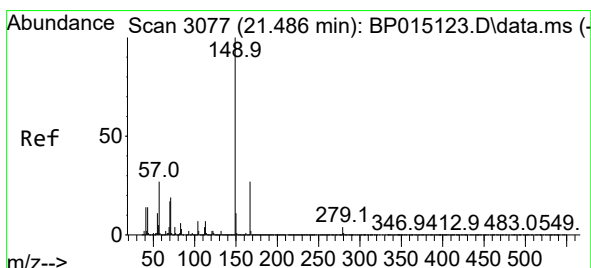
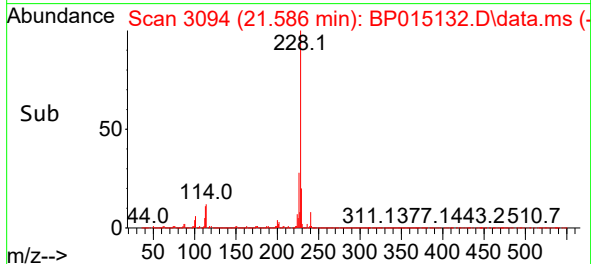
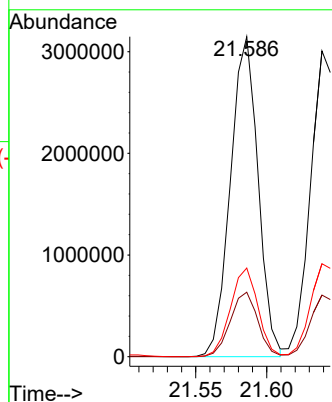
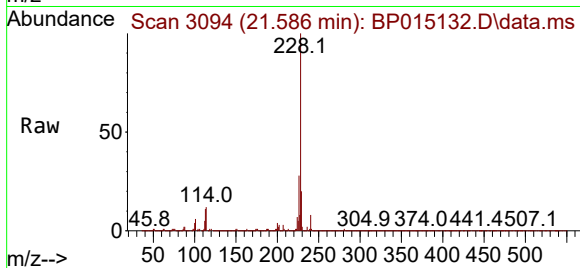
Tgt Ion:228 Resp: 4260002

Ion Ratio Lower Upper

228 100

229 20.2 16.1 24.1

226 27.7 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 37.419 ng/ul

RT: 21.480 min Scan# 3076

Delta R.T. -0.000 min

Lab File: BP015132.D

Acq: 17 May 2023 18:40

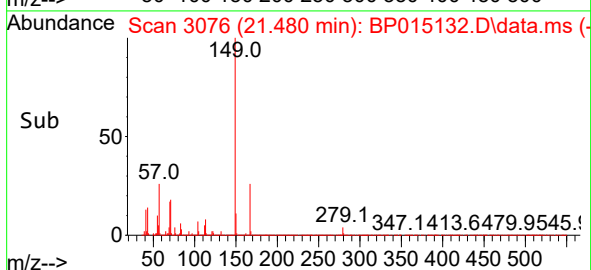
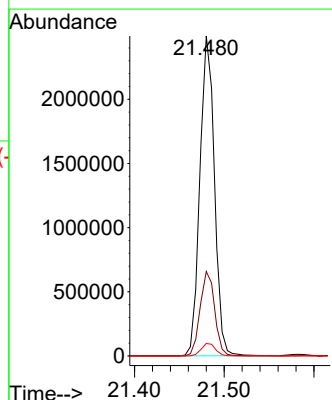
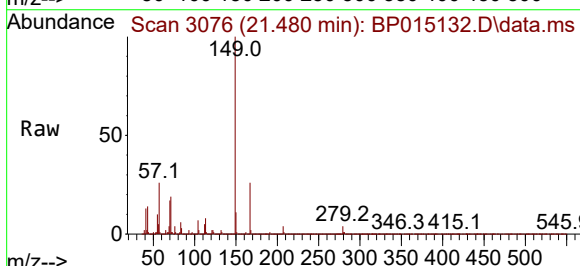
Tgt Ion:149 Resp: 2801638

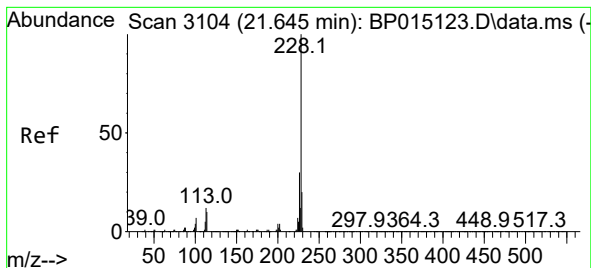
Ion Ratio Lower Upper

149 100

167 26.4 21.8 32.6

279 3.9 3.2 4.8





#87

Chrysene

Concen: 38.177 ng/ul

RT: 21.639 min Scan# 3103

Delta R.T. -0.000 min

Lab File: BP015132.D

Acq: 17 May 2023 18:40

Instrument :

BNA_P

ClientSampleId :

SLCS858

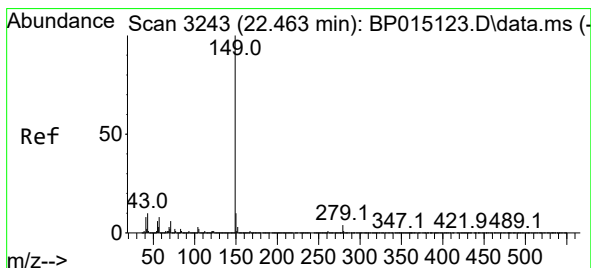
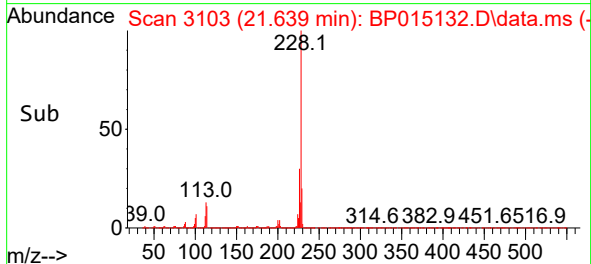
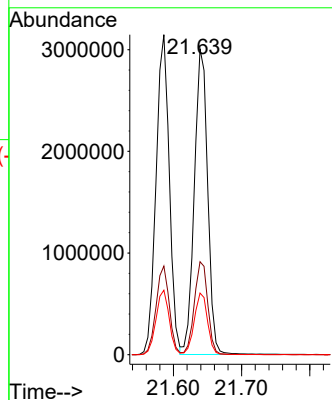
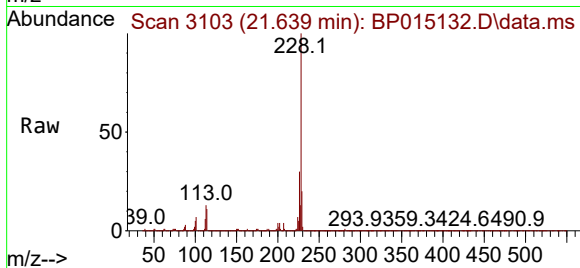
Tgt Ion:228 Resp: 4055108

Ion Ratio Lower Upper

228 100

226 30.4 25.0 37.6

229 20.2 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 43.234 ng/ul

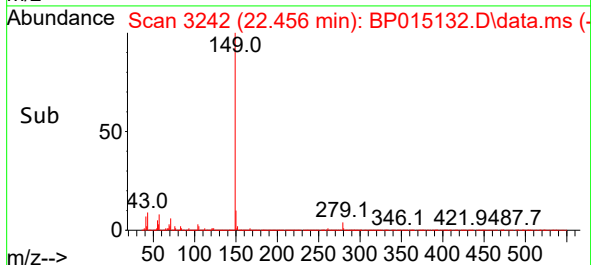
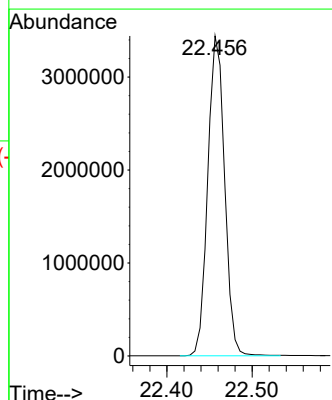
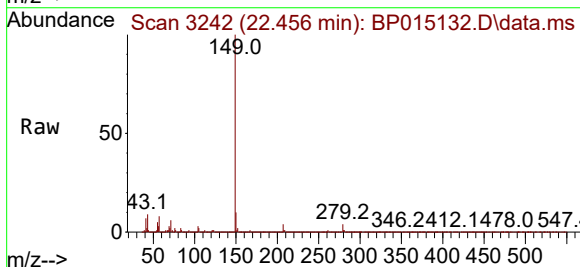
RT: 22.456 min Scan# 3242

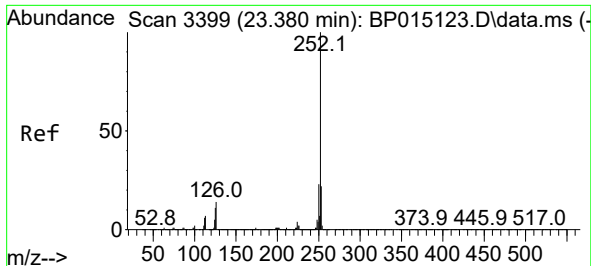
Delta R.T. -0.000 min

Lab File: BP015132.D

Acq: 17 May 2023 18:40

Tgt Ion:149 Resp: 4730666

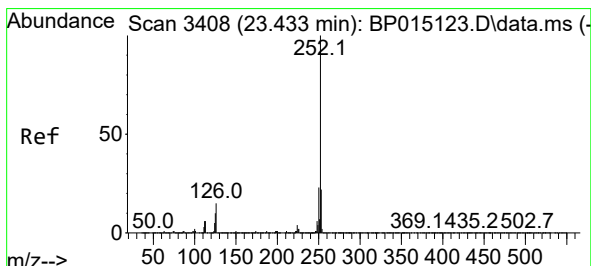
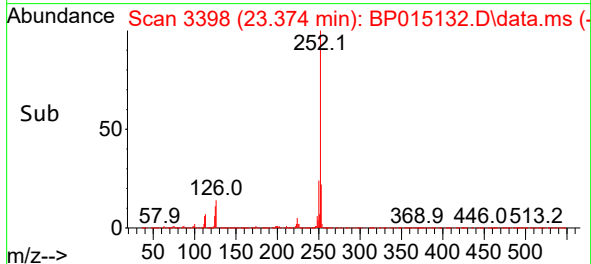
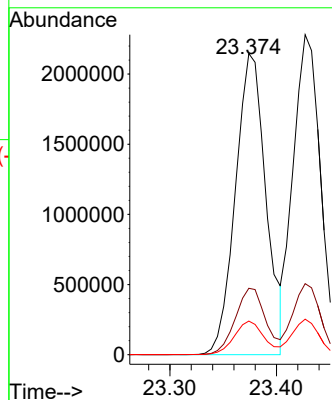
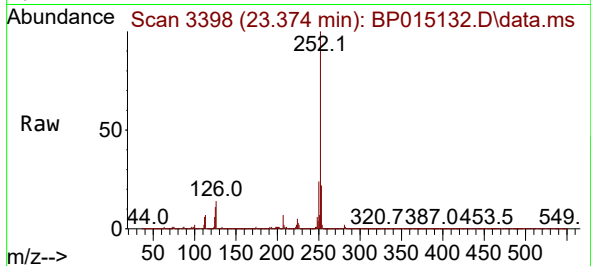




#90
Benzo(b)fluoranthene
Concen: 42.287 ng/ul
RT: 23.374 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP015132.D
Acq: 17 May 2023 18:40

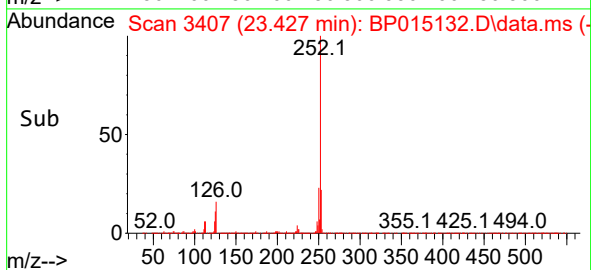
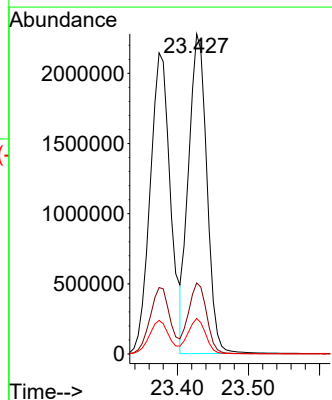
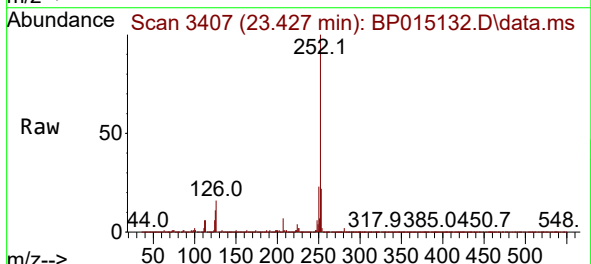
Instrument :
BNA_P
ClientSampleId :
SLCS858

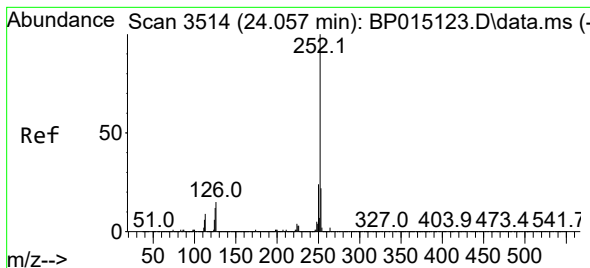
Tgt Ion:252 Resp: 4283022
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 11.1 8.3 12.5



#91
Benzo(k)fluoranthene
Concen: 41.875 ng/ul
RT: 23.427 min Scan# 3407
Delta R.T. -0.000 min
Lab File: BP015132.D
Acq: 17 May 2023 18:40

Tgt Ion:252 Resp: 4072530
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 11.1 8.5 12.7





#93

Benzo(a)pyrene

Concen: 38.882 ng/ul

RT: 24.056 min Scan# 3514

Delta R.T. 0.006 min

Lab File: BP015132.D

Acq: 17 May 2023 18:40

Instrument :

BNA_P

ClientSampleId :

SLCS858

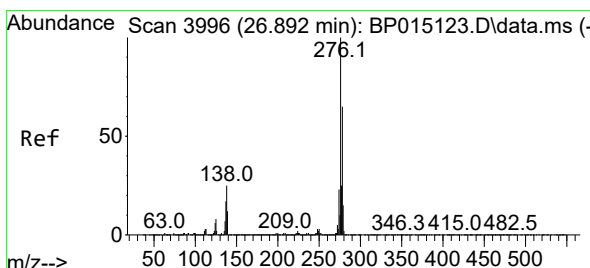
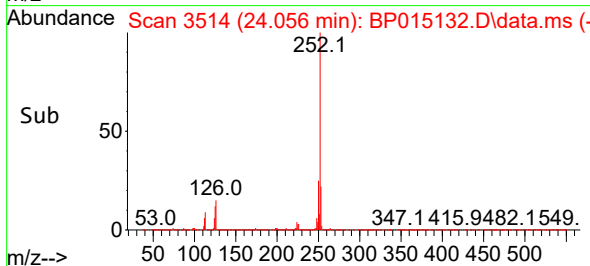
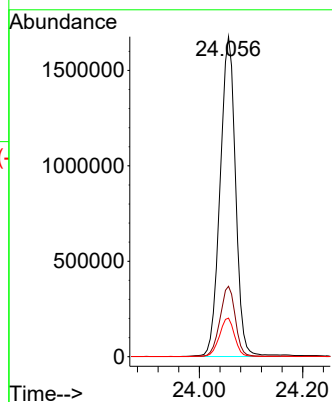
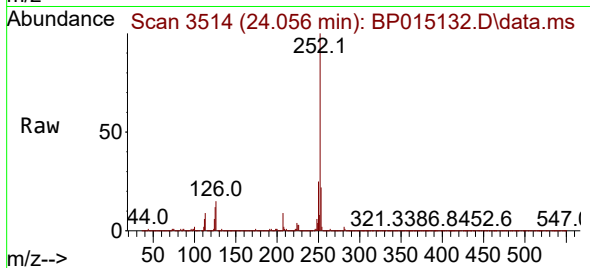
Tgt Ion:252 Resp: 3480896

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 12.0 9.1 13.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 33.435 ng/ul

RT: 26.891 min Scan# 3996

Delta R.T. 0.006 min

Lab File: BP015132.D

Acq: 17 May 2023 18:40

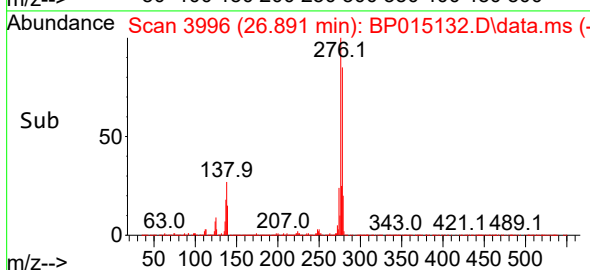
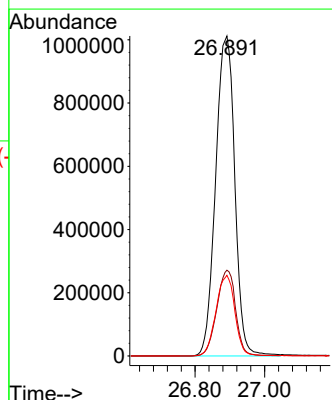
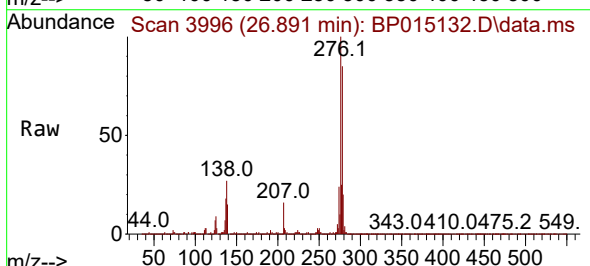
Tgt Ion:276 Resp: 3875664

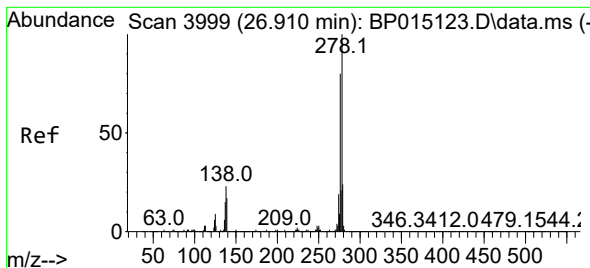
Ion Ratio Lower Upper

276 100

138 26.8 20.1 30.1

277 25.2 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 33.994 ng/ul

RT: 26.903 min Scan# 3999

Delta R.T. -0.000 min

Lab File: BP015132.D

Acq: 17 May 2023 18:40

Instrument :

BNA_P

ClientSampleId :

SLCS858

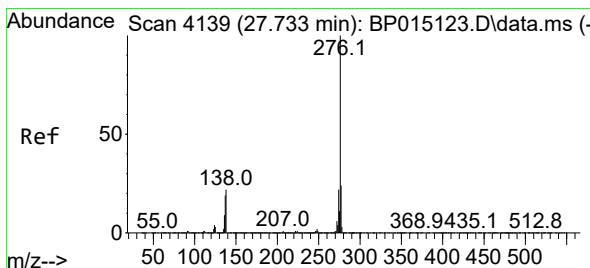
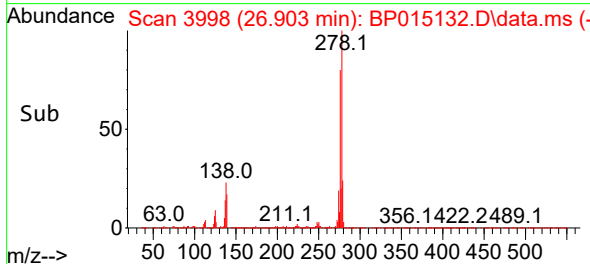
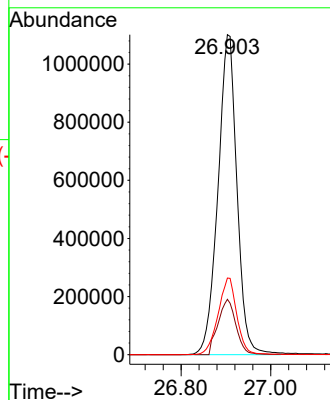
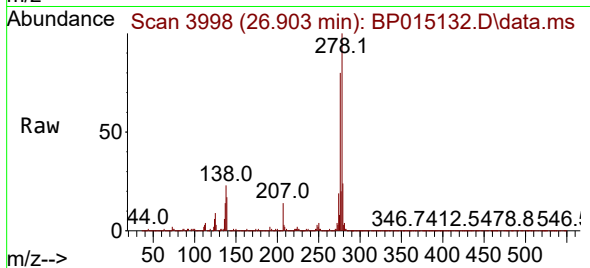
Tgt Ion:278 Resp: 3234721

Ion Ratio Lower Upper

278 100

139 17.3 13.3 19.9

279 24.0 19.1 28.7



#96

Benzo(g,h,i)perylene

Concen: 32.116 ng/ul

RT: 27.721 min Scan# 4137

Delta R.T. -0.000 min

Lab File: BP015132.D

Acq: 17 May 2023 18:40

Tgt Ion:276 Resp: 3035748

Ion Ratio Lower Upper

276 100

138 22.7 17.7 26.5

277 23.3 18.8 28.2

