

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051723\
 Data File : BP051723.D
 Acq On : 17 May 2023 19:14
 Operator : CG/JU
 Sample : PB152822BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS822

Quant Time: May 18 01:13:11 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	358703	20.000	ng/u1	0.00
20) Naphthalene-d8	10.957	136	1625623	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.769	164	1016748	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.521	188	2071575	20.000	ng/u1	0.00
79) Chrysene-d12	21.604	240	1807652	20.000	ng/u1	0.00
88) Perylene-d12	24.168	264	1743605	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	51371	5.564	ng/uL	0.00
4) Pyridine-d5	3.869	84	739458	28.257	ng/u1	0.00
7) Phenol-d5	7.275	99	1041105	31.260	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.451	67	636961	33.114	ng/u1	0.00
11) 2-Chlorophenol-d4	7.651	132	795547	32.488	ng/u1	0.00
15) 4-Methylphenol-d8	8.845	113	861683	32.469	ng/u1	0.00
21) Nitrobenzene-d5	9.304	128	410580	32.142	ng/u1	0.00
24) 2-Nitrophenol-d4	10.034	143	423290	29.781	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.575	165	811626	31.645	ng/u1	0.00
31) 4-Chloroaniline-d4	11.098	131	1122652	29.584	ng/u1	0.00
46) Dimethylphthalate-d6	14.175	166	2575677	33.524	ng/u1	0.00
49) Acenaphthylene-d8	14.463	160	2931674	33.363	ng/u1	0.00
54) 4-Nitrophenol-d4	14.963	143	534076	35.798	ng/u1	0.00
60) Fluorene-d10	15.763	176	2148107	33.134	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.880	200	464862	35.607	ng/u1	0.00
73) Anthracene-d10	17.621	188	3214166	33.884	ng/u1	0.00
81) Pyrene-d10	19.845	212	3851360	36.735	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.998	264	3111276	35.946	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.469	88	103720	10.455	ng/uL	98
5) Pyridine	3.893	79	723239	26.573	ng/u1	99
6) Benzaldehyde	7.257	77	509700	55.680	ng/u1	98
8) Phenol	7.304	94	1053177	30.838	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.546	93	834722	30.550	ng/u1	99
12) 2-Chlorophenol	7.687	128	783654	30.256	ng/u1	98
13) 2-Methylphenol	8.575	108	792820	30.037	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.657	45	1097965	32.074	ng/u1	99
16) Acetophenone	8.963	105	1301113	31.413	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.951	70	667119	30.711	ng/u1	97
18) 4-Methylphenol	8.910	108	892209	30.711	ng/u1	100
19) Hexachloroethane	9.222	117	315804	29.861	ng/u1	99
22) Nitrobenzene	9.351	77	981552	31.112	ng/u1	99
23) Isophorone	9.881	82	1903727	29.357	ng/u1	100
25) 2-Nitrophenol	10.069	139	443874	28.478	ng/u1	99
26) 2,4-Dimethylphenol	10.122	107	832317	26.760	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.363	93	1140768	28.912	ng/u1	99
29) 2,4-Dichlorophenol	10.604	162	781300	30.158	ng/u1	99
30) Naphthalene	11.010	128	2628532	29.741	ng/u1	100
32) 4-Chloroaniline	11.122	127	892118	22.873	ng/u1	100
33) Hexachlorobutadiene	11.292	225	451706	28.929	ng/u1	98
34) Caprolactam	11.904	113	158186	16.195	ng/u1	89
35) 4-Chloro-3-methylphenol	12.234	107	900849	30.795	ng/u1	100
36) 2-Methylnaphthalene	12.610	142	1777943	29.857	ng/u1	100

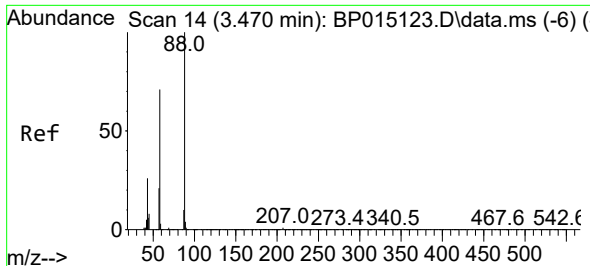
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.828	142	1750010	29.264	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.969	216	901124	29.634	ng/ul	97
40) Hexachlorocyclopentadiene	12.945	237	497529	25.252	ng/ul	100
41) 2,4,6-Trichlorophenol	13.210	196	615696	28.674	ng/ul	98
42) 2,4,5-Trichlorophenol	13.281	196	689975	29.636	ng/ul	99
43) 1,1'-Biphenyl	13.604	154	2409304	30.541	ng/ul	99
44) 2-Chloronaphthalene	13.651	162	1871854	30.384	ng/ul	99
45) 2-Nitroaniline	13.857	65	585168	33.197	ng/ul	97
47) Dimethylphthalate	14.222	163	2453003	30.657	ng/ul	99
48) 2,6-Dinitrotoluene	14.345	165	505258	31.873	ng/ul	100
50) Acenaphthylene	14.492	152	2979074	30.384	ng/ul	100
51) 3-Nitroaniline	14.675	138	519726	36.410	ng/ul	98
52) Acenaphthene	14.833	153	2060879	30.776	ng/ul	99
53) 2,4-Dinitrophenol	14.880	184	306906	29.159	ng/ul	97
55) 4-Nitrophenol	14.980	109	371979	33.899	ng/ul	99
56) Dibenzofuran	15.169	168	2850991	30.609	ng/ul	99
57) 2,4-Dinitrotoluene	15.133	165	758024	33.046	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.392	232	572116	29.117	ng/ul	99
59) Diethylphthalate	15.580	149	2503554	31.371	ng/ul	99
61) Fluorene	15.816	166	2296930	30.687	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.804	204	1104778	30.208	ng/ul	99
63) 4-Nitroaniline	15.839	138	573648	46.537	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.898	198	451420	33.504	ng/ul	97
67) N-Nitrosodiphenylamine	16.022	169	1999741	32.830	ng/ul	99
68) 4-Bromophenyl-phenylether	16.704	248	690710	32.371	ng/ul	100
69) Hexachlorobenzene	16.822	284	816394	32.377	ng/ul	98
70) Atrazine	16.969	200	421267	18.711	ng/ul	97
71) Pentachlorophenol	17.169	266	485400	30.775	ng/ul	96
72) Phenanthrene	17.569	178	3507307	31.092	ng/ul	99
74) Anthracene	17.657	178	3587492	31.450	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.575	216	919338	31.300	ng/uL	99
76) Pentachlorobenzene	15.086	250	906781	30.747	ng/uL	100
77) Carbazole	17.921	167	3324537	33.237	ng/ul	100
78) Di-n-butylphthalate	18.457	149	4217818	32.744	ng/ul	100
80) Fluoranthene	19.515	202	4387576	34.336	ng/ul	99
82) Pyrene	19.868	202	4540611	34.409	ng/ul	98
83) Butylbenzylphthalate	20.721	149	1900208	32.482	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.510	252	1373691	34.601	ng/ul	98
85) Benzo(a)anthracene	21.586	228	4099492	32.799	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.480	149	2707946	32.153	ng/ul	100
87) Chrysene	21.639	228	3888954	32.548	ng/ul	99
89) Di-n-octyl phthalate	22.457	149	4509727	37.765	ng/ul	100
90) Benzo(b)fluoranthene	23.374	252	3876740	35.072	ng/ul	99
91) Benzo(k)fluoranthene	23.427	252	3681327	34.684	ng/ul	99
93) Benzo(a)pyrene	24.056	252	3202961	32.783	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.886	276	3575761	28.266	ng/ul	99
95) Dibenzo(a,h)anthracene	26.903	278	2961214	28.515	ng/ul	99
96) Benzo(g,h,i)perylene	27.721	276	2834509	27.477	ng/ul	100

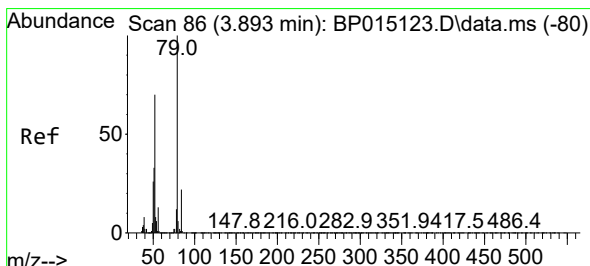
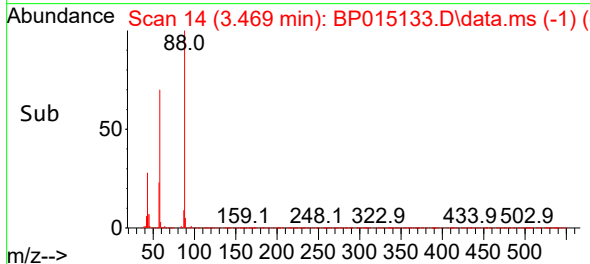
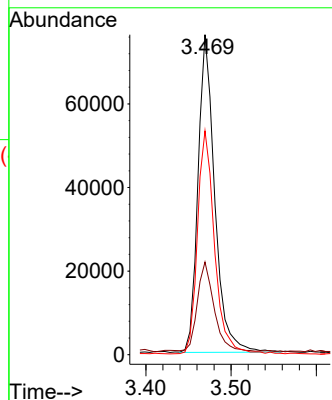
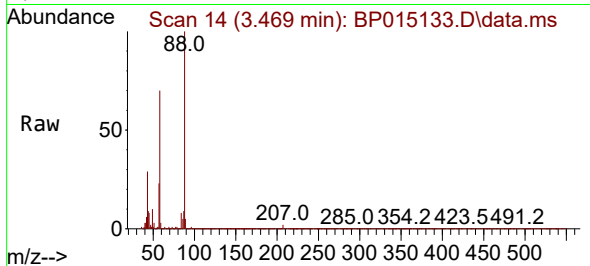
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#2
1,4-Dioxane
Concen: 10.455 ng/uL
RT: 3.469 min Scan# 14
Delta R.T. -0.000 min
Lab File: BP015133.D
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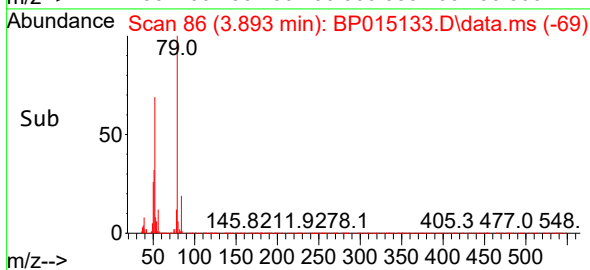
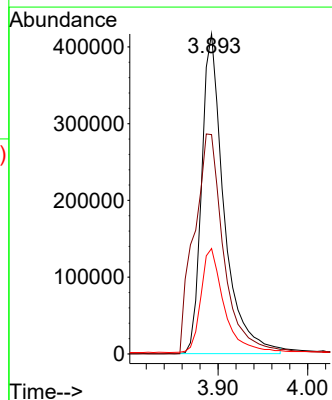
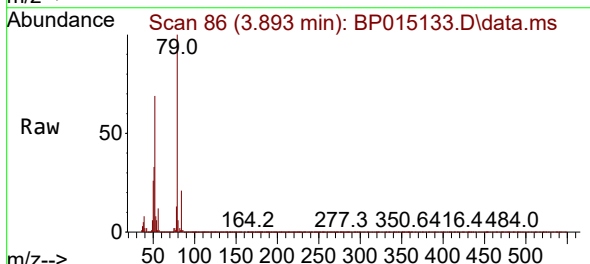
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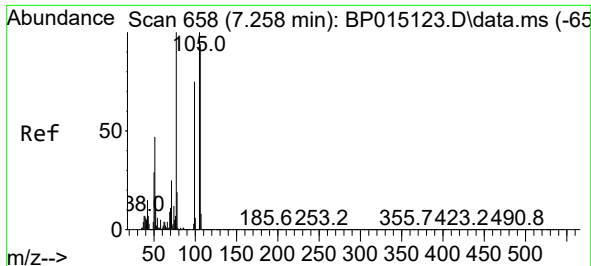
Tgt Ion: 88 Resp: 103720
Ion Ratio Lower Upper
88 100
43 29.0 20.4 30.6
58 69.9 55.4 83.2



#5
Pyridine
Concen: 26.573 ng/uL
RT: 3.893 min Scan# 86
Delta R.T. -0.000 min
Lab File: BP015133.D
Acq: 17 May 2023 19:14

Tgt Ion: 79 Resp: 723239
Ion Ratio Lower Upper
79 100
52 68.5 55.4 83.2
51 33.0 25.4 38.2

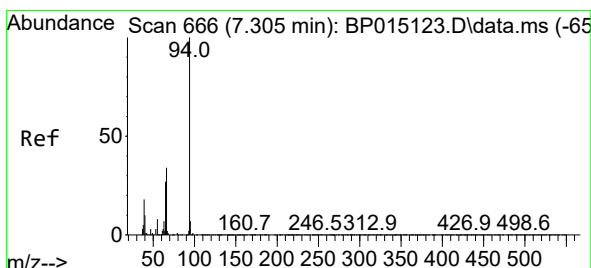
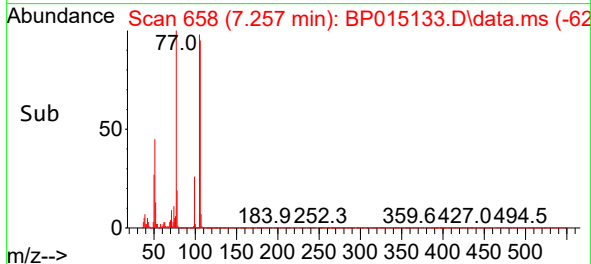
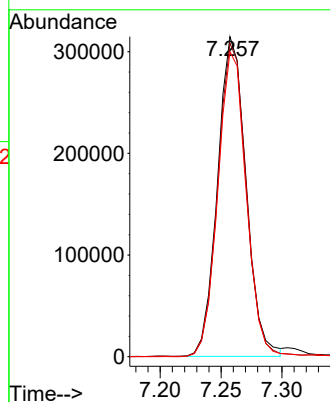
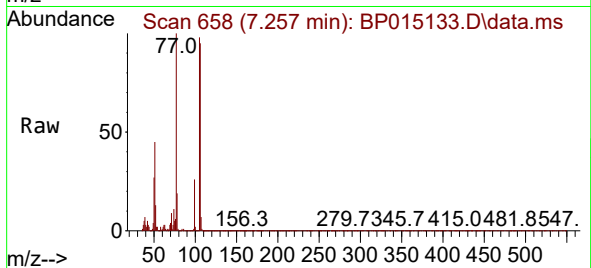




#6
Benzaldehyde
Concen: 55.680 ng/ul
RT: 7.257 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP015133.D
Acq: 17 May 2023 19:14

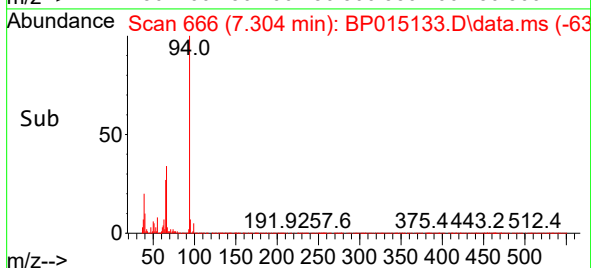
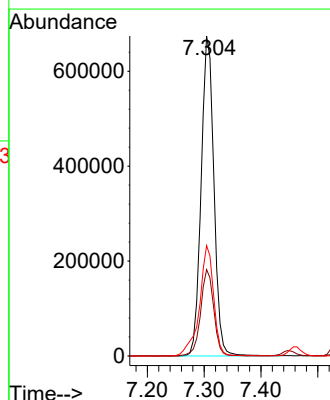
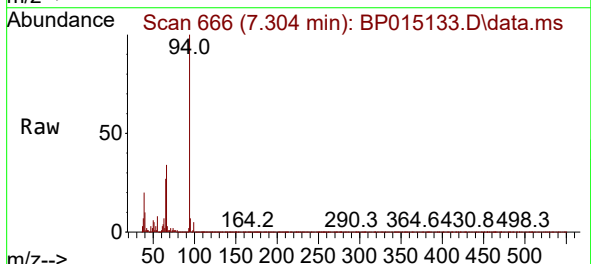
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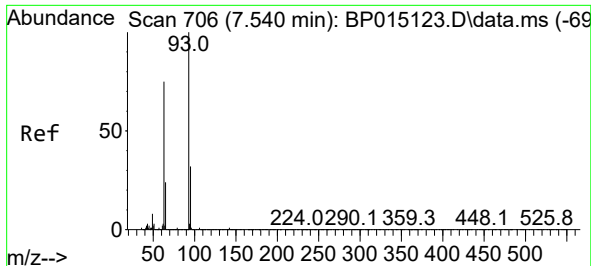
Tgt Ion: 77 Resp: 509700
Ion Ratio Lower Upper
77 100
105 97.9 76.9 115.3
106 95.3 75.0 112.6



#8
Phenol
Concen: 30.838 ng/ul
RT: 7.304 min Scan# 666
Delta R.T. -0.000 min
Lab File: BP015133.D
Acq: 17 May 2023 19:14

Tgt Ion: 94 Resp: 1053177
Ion Ratio Lower Upper
94 100
65 27.0 20.6 31.0
66 34.5 26.1 39.1

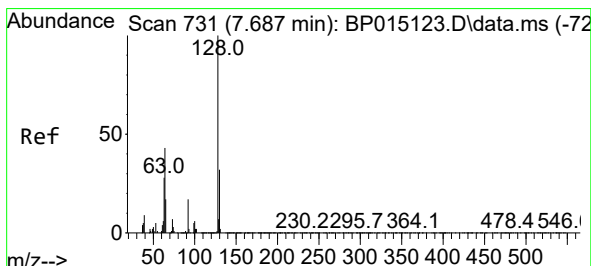
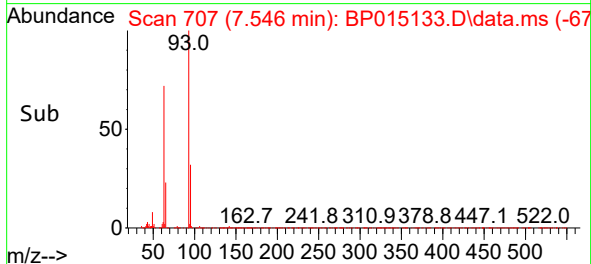
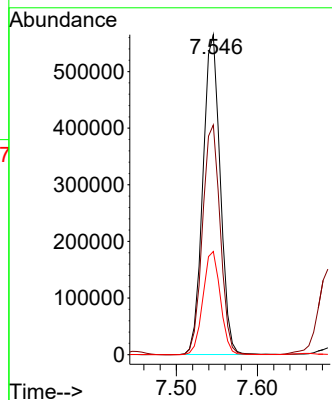
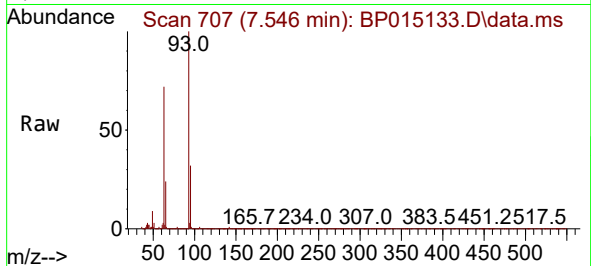




#10
Bis(2-Chloroethyl)ether
Concen: 30.550 ng/ul
RT: 7.546 min Scan# 706
Delta R.T. 0.006 min
Lab File: BP015133.D
Acq: 17 May 2023 19:14

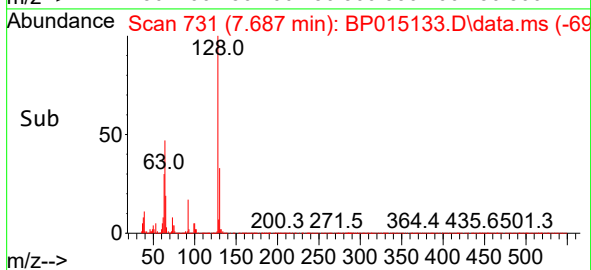
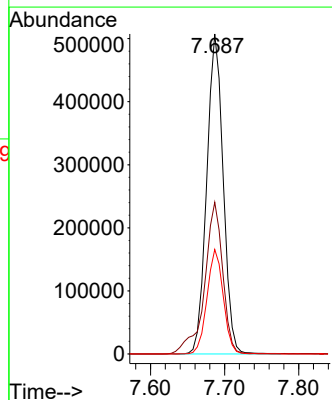
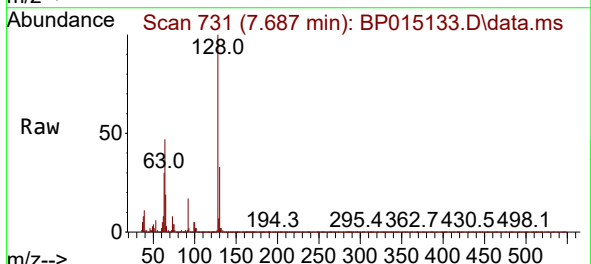
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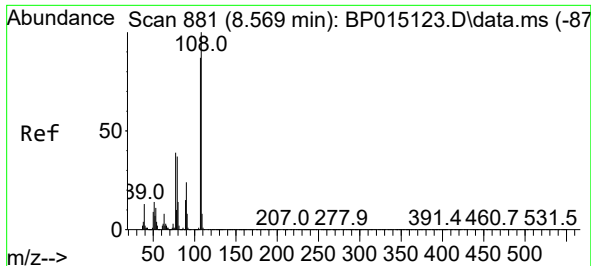
Tgt Ion: 93 Resp: 834722
Ion Ratio Lower Upper
93 100
63 71.8 58.0 87.0
95 32.2 26.4 39.6



#12
2-Chlorophenol
Concen: 30.256 ng/ul
RT: 7.687 min Scan# 731
Delta R.T. -0.000 min
Lab File: BP015133.D
Acq: 17 May 2023 19:14

Tgt Ion:128 Resp: 783654
Ion Ratio Lower Upper
128 100
64 47.4 36.2 54.2
130 32.7 26.3 39.5





#13

2-Methylphenol

Concen: 30.037 ng/ul

RT: 8.575 min Scan# 881

Delta R.T. -0.000 min

Lab File: BP015133.D

Acq: 17 May 2023 19:14

Instrument :

BNA_P

ClientSampleId :

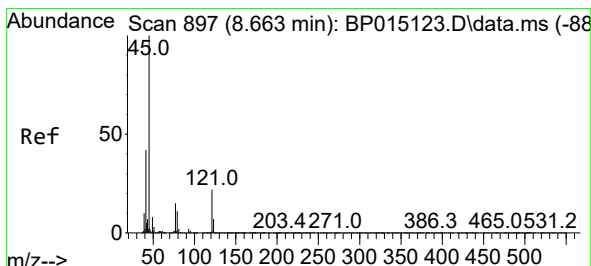
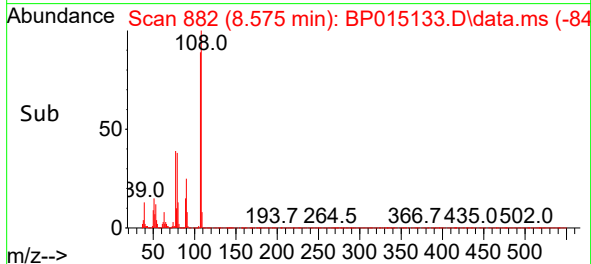
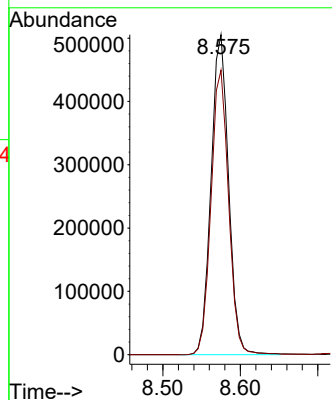
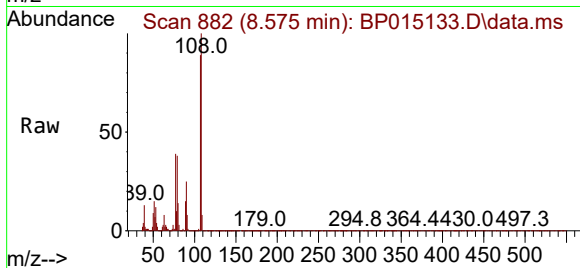
SLCS822

Tgt Ion:108 Resp: 792820

Ion Ratio Lower Upper

108 100

107 88.9 71.8 107.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 32.074 ng/ul

RT: 8.657 min Scan# 896

Delta R.T. -0.000 min

Lab File: BP015133.D

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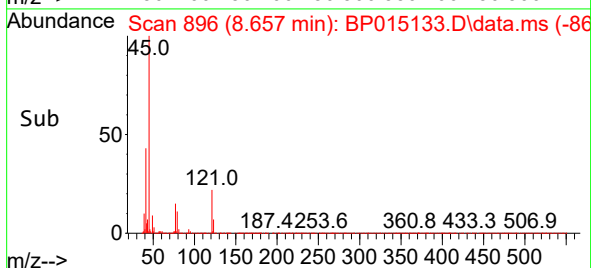
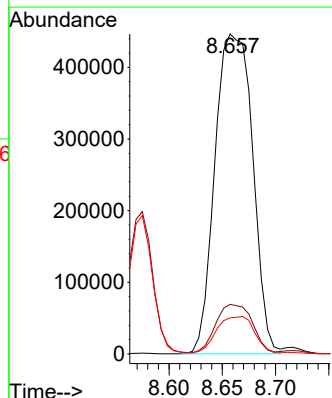
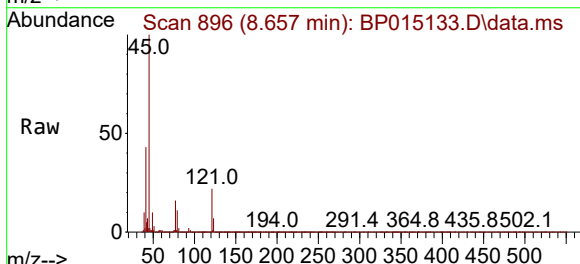
Tgt Ion: 45 Resp: 1097965

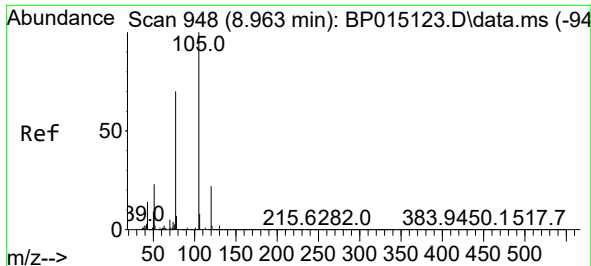
Ion Ratio Lower Upper

45 100

77 15.5 12.8 19.2

79 11.3 9.5 14.3

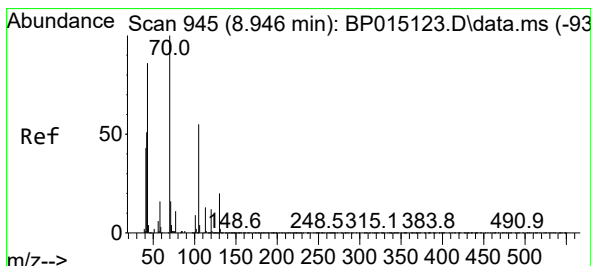
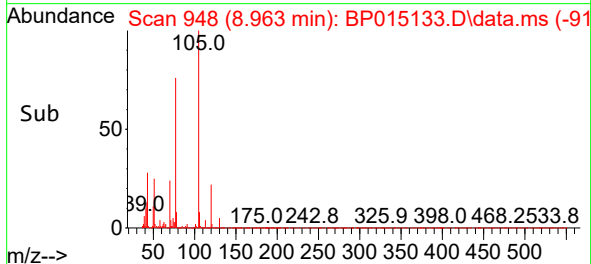
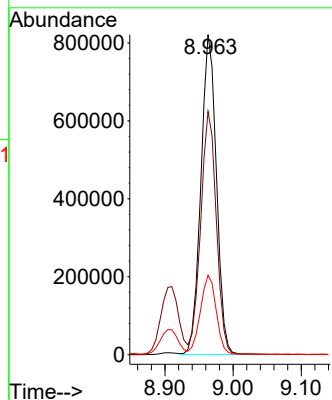
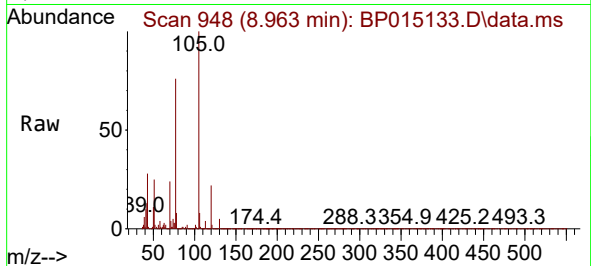




#16
Acetophenone
Concen: 31.413 ng/ul
RT: 8.963 min Scan# 948
Delta R.T. -0.000 min
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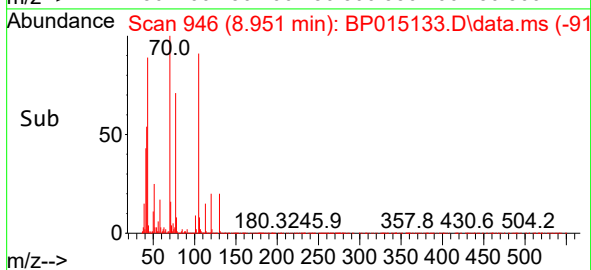
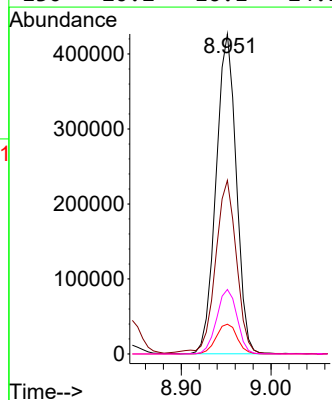
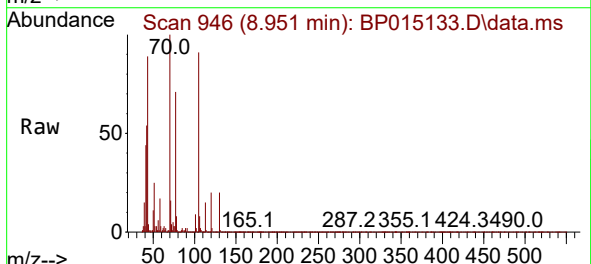
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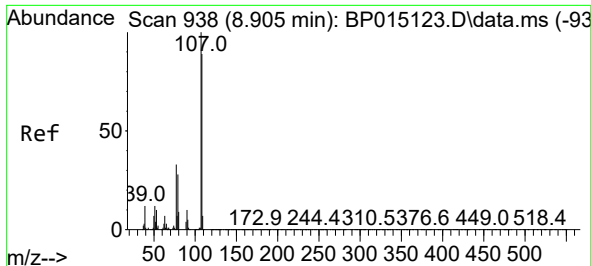
Tgt Ion:105 Resp: 1301113
Ion Ratio Lower Upper
105 100
77 76.0 59.4 89.2
51 24.9 19.2 28.8



#17
N-Nitroso-di-n-propylamine
Concen: 30.711 ng/ul
RT: 8.951 min Scan# 946
Delta R.T. 0.006 min
Lab File: BP015133.D
Acq: 17 May 2023 19:14

Tgt Ion: 70 Resp: 667119
Ion Ratio Lower Upper
70 100
42 54.3 41.0 61.6
101 9.3 7.9 11.9
130 20.2 16.1 24.1

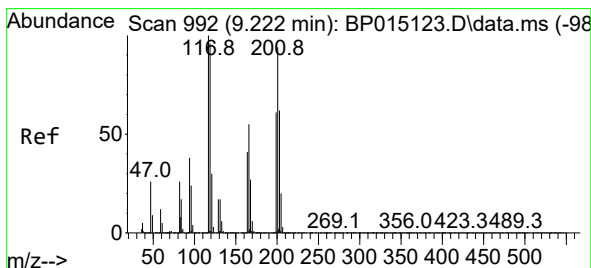
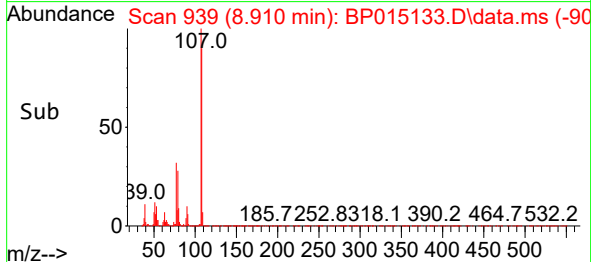
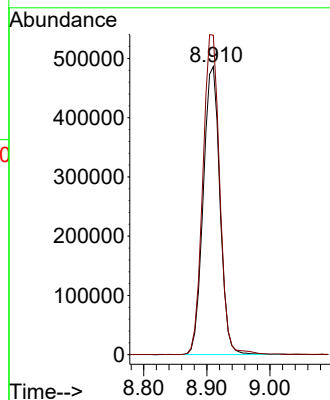
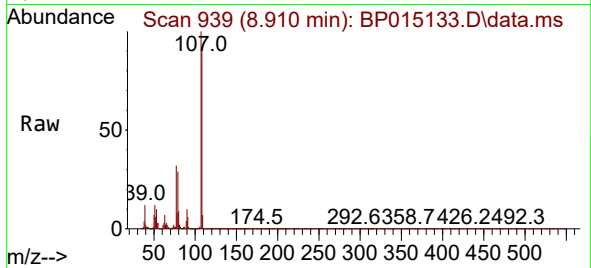




#18
4-Methylphenol
Concen: 30.711 ng/ul
RT: 8.910 min Scan# 910
Delta R.T. 0.006 min
Lab File: BP015133.D
Acq: 17 May 2023 19:14

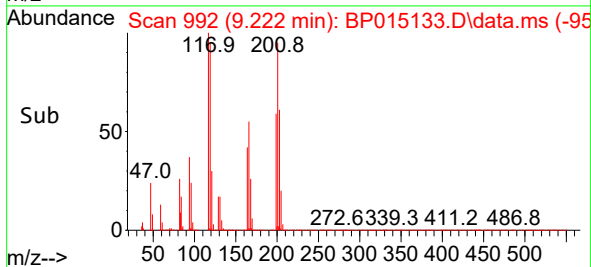
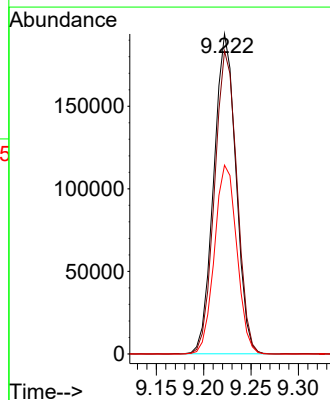
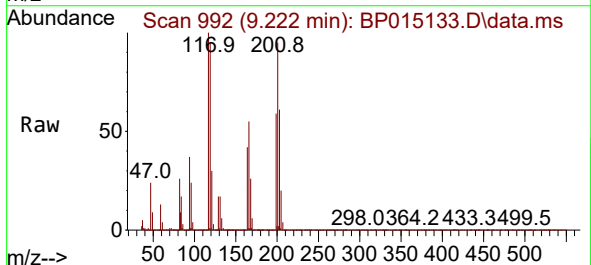
Instrument :
BNA_P
ClientSampleId :
SLCS822

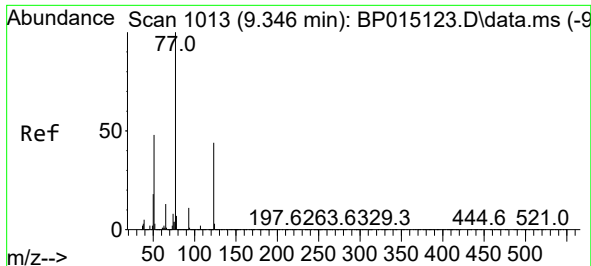
Tgt Ion:108 Resp: 892209
Ion Ratio Lower Upper
108 100
107 110.9 88.5 132.7



#19
Hexachloroethane
Concen: 29.861 ng/ul
RT: 9.222 min Scan# 992
Delta R.T. -0.000 min
Lab File: BP015133.D
Acq: 17 May 2023 19:14

Tgt Ion:117 Resp: 315804
Ion Ratio Lower Upper
117 100
201 94.7 75.8 113.8
199 59.0 46.5 69.7

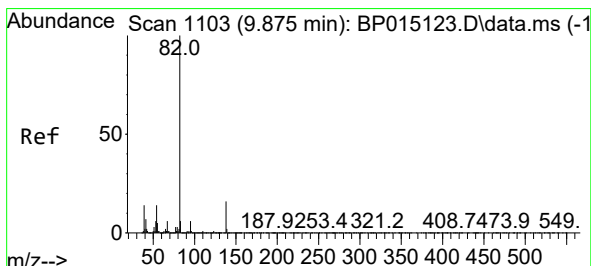
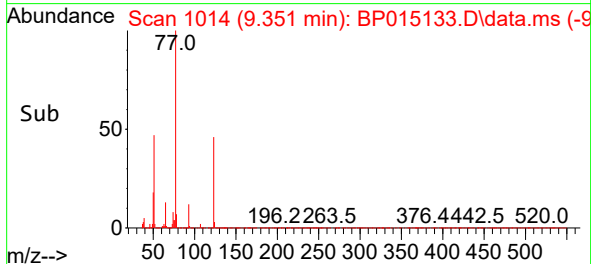
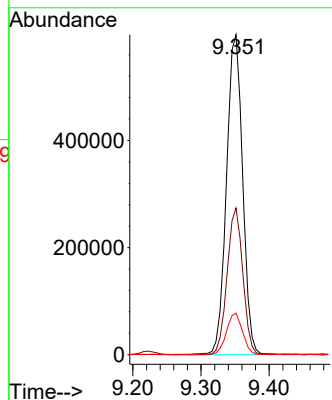
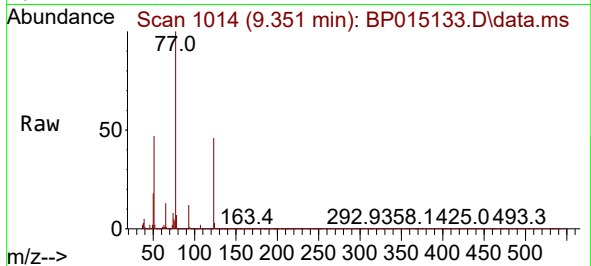




#22
Nitrobenzene
Concen: 31.112 ng/ul
RT: 9.351 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BP015133.D
Acq: 17 May 2023 19:14

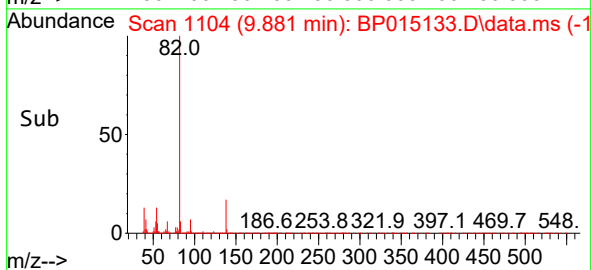
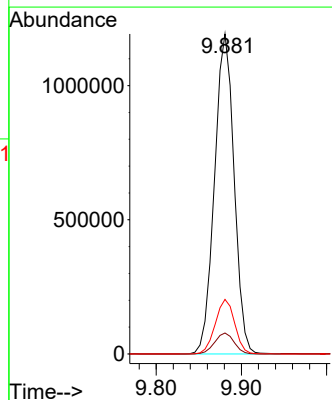
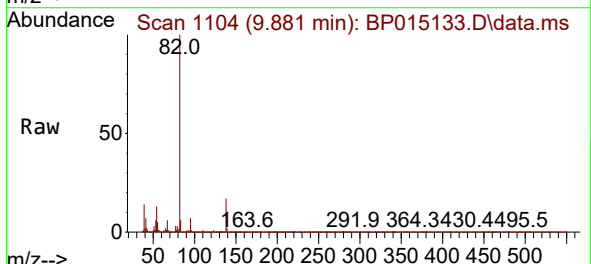
Instrument :
BNA_P
ClientSampleId :
SLCS822

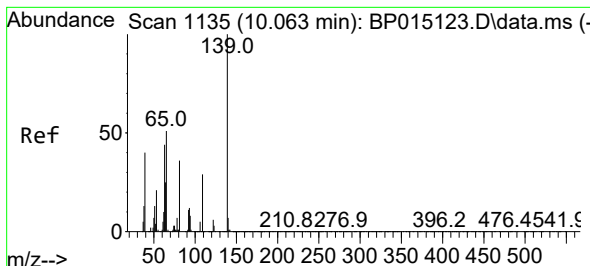
Tgt Ion: 77 Resp: 981552
Ion Ratio Lower Upper
77 100
123 45.9 36.2 54.2
65 13.0 10.1 15.1



#23
Isophorone
Concen: 29.357 ng/ul
RT: 9.881 min Scan# 1104
Delta R.T. 0.006 min
Lab File: BP015133.D
Acq: 17 May 2023 19:14

Tgt Ion: 82 Resp: 1903727
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 17.0 13.6 20.4

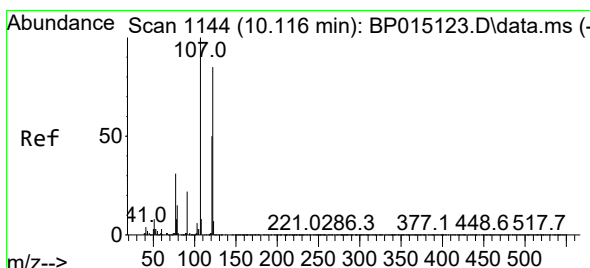
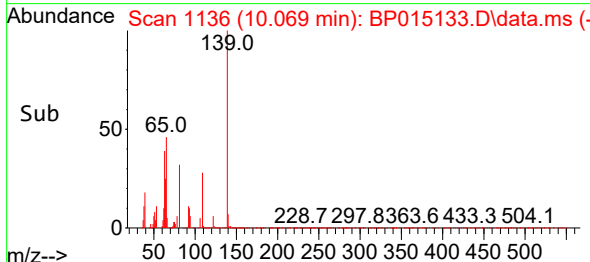
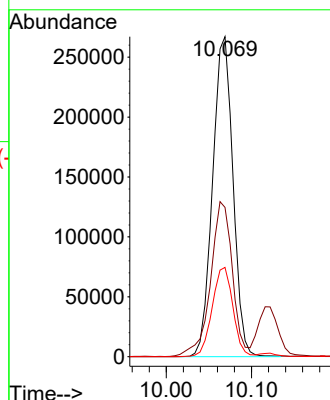
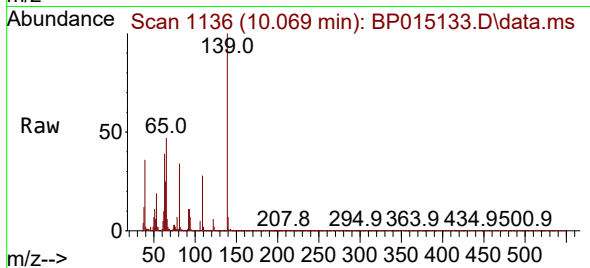




#25
2-Nitrophenol
Concen: 28.478 ng/ul
RT: 10.069 min Scan# 1135
Delta R.T. 0.006 min
Lab File: BP015133.D
Acq: 17 May 2023 19:14

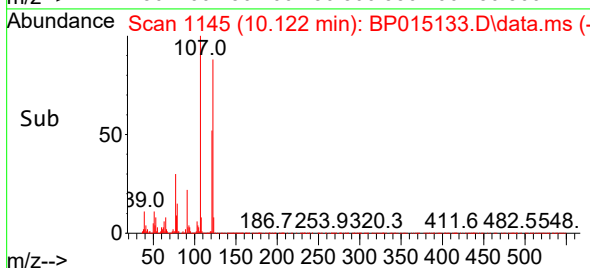
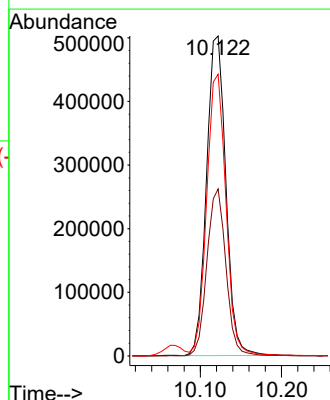
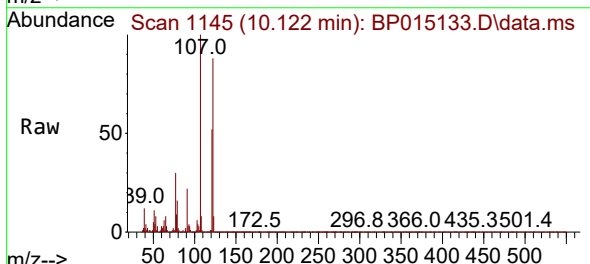
Instrument :
BNA_P
ClientSampleId :
SLCS822

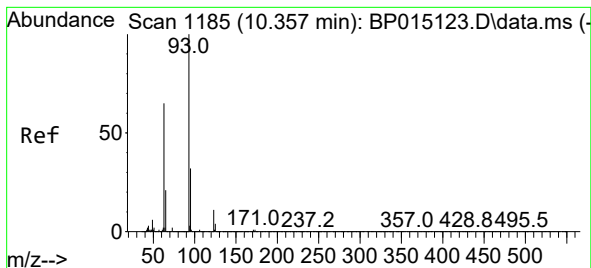
Tgt Ion:139 Resp: 443874
Ion Ratio Lower Upper
139 100
65 46.6 38.4 57.6
109 27.9 22.2 33.2



#26
2,4-Dimethylphenol
Concen: 26.760 ng/ul
RT: 10.122 min Scan# 1145
Delta R.T. 0.006 min
Lab File: BP015133.D
Acq: 17 May 2023 19:14

Tgt Ion:107 Resp: 832317
Ion Ratio Lower Upper
107 100
121 52.2 41.0 61.6
122 88.1 69.5 104.3

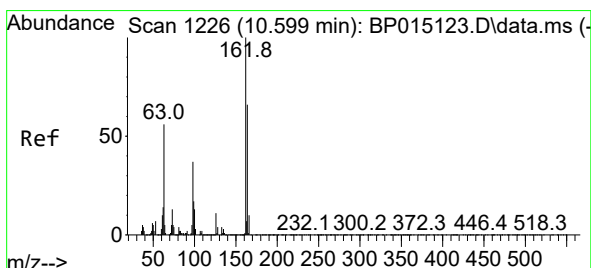
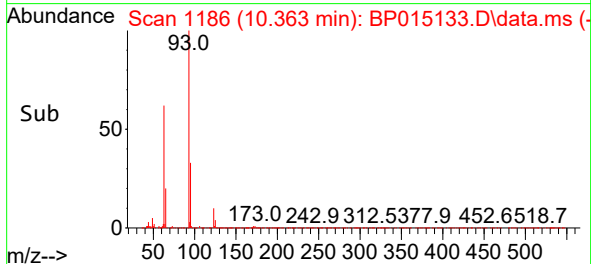
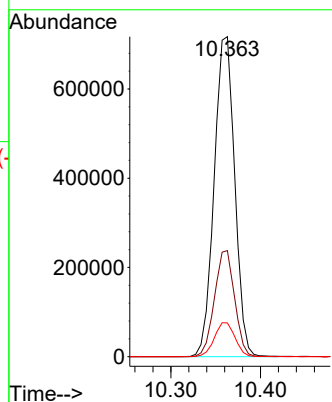
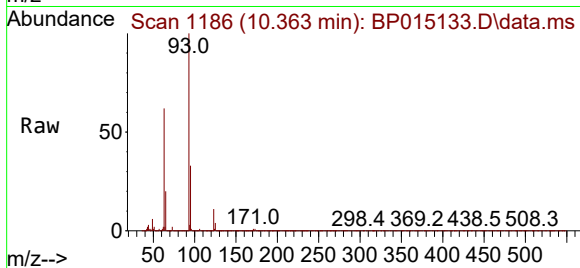




#27
Bis(2-Chloroethoxy)methane
Concen: 28.912 ng/ul
RT: 10.363 min Scan# 1186
Delta R.T. 0.006 min
Lab File: BP015133.D
Acq: 17 May 2023 19:14

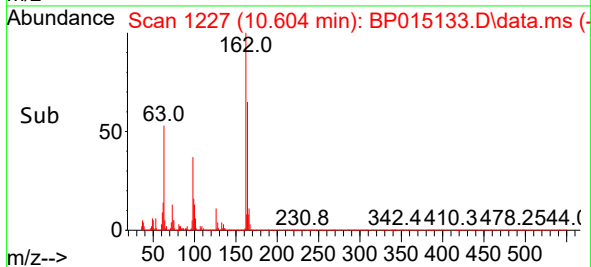
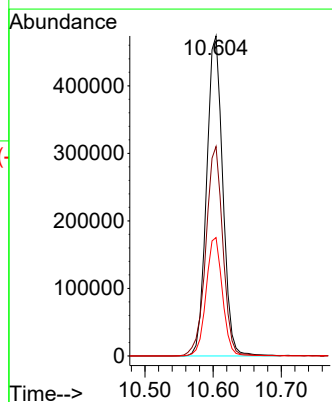
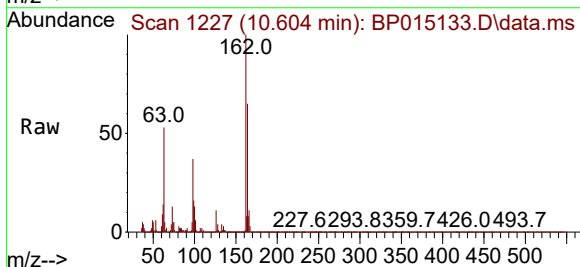
Instrument :
BNA_P
ClientSampleId :
SLCS822

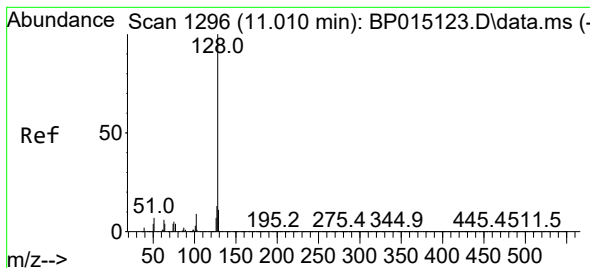
Tgt Ion: 93 Resp: 1140768
Ion Ratio Lower Upper
93 100
95 33.2 26.7 40.1
123 10.6 9.1 13.7



#29
2,4-Dichlorophenol
Concen: 30.158 ng/ul
RT: 10.604 min Scan# 1227
Delta R.T. -0.000 min
Lab File: BP015133.D
Acq: 17 May 2023 19:14

Tgt Ion:162 Resp: 781300
Ion Ratio Lower Upper
162 100
164 65.5 52.0 78.0
98 37.0 28.9 43.3





#30

Naphthalene

Concen: 29.741 ng/ul

RT: 11.010 min Scan# 1296

Delta R.T. -0.000 min

Lab File: BP015133.D

Acq: 17 May 2023 19:14

Instrument :

BNA_P

ClientSampleId :

SLCS822

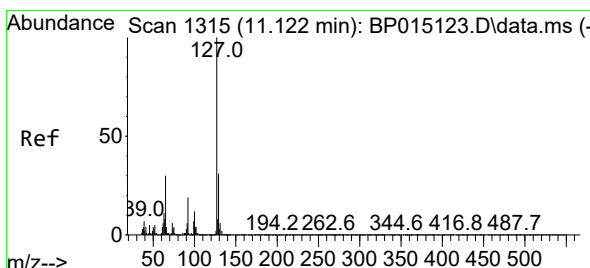
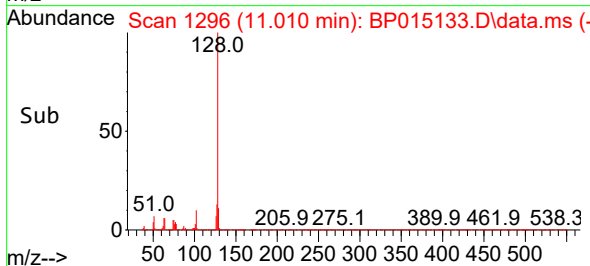
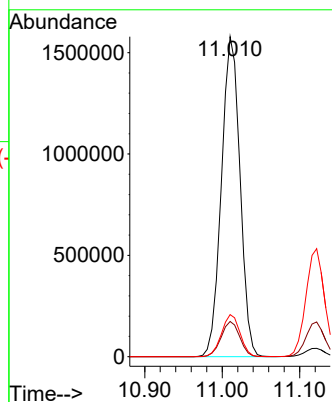
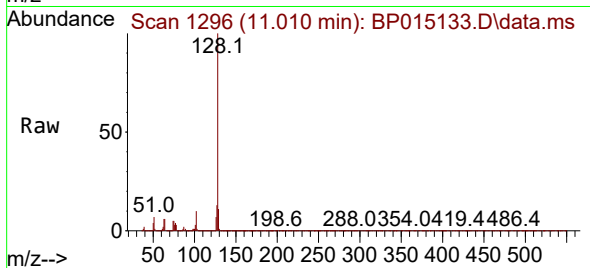
Tgt Ion:128 Resp: 2628532

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

127 13.1 10.6 15.8



#32

4-Chloroaniline

Concen: 22.873 ng/ul

RT: 11.122 min Scan# 1315

Delta R.T. -0.000 min

Lab File: BP015133.D

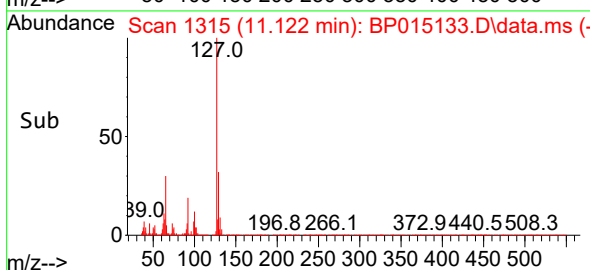
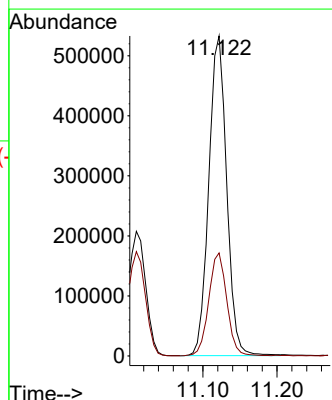
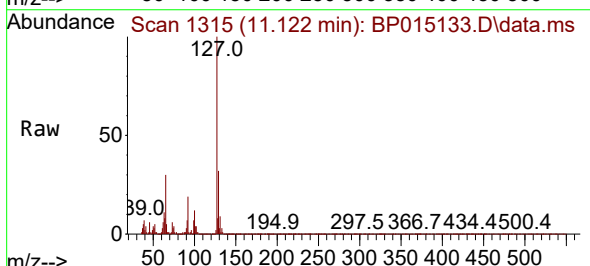
Acq: 17 May 2023 19:14

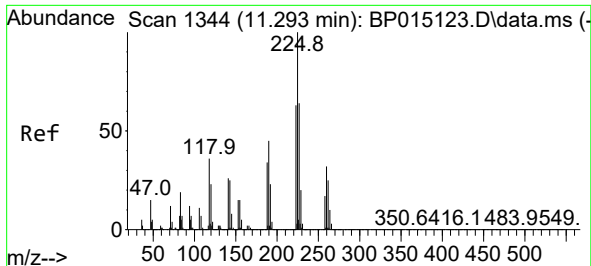
Tgt Ion:127 Resp: 892118

Ion Ratio Lower Upper

127 100

129 32.2 25.8 38.8

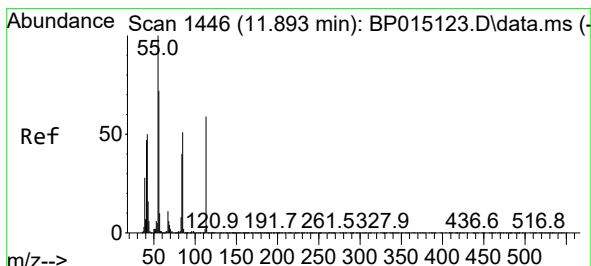
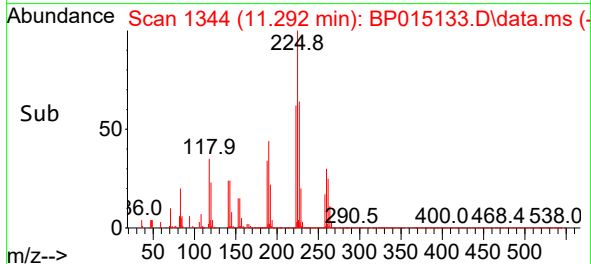
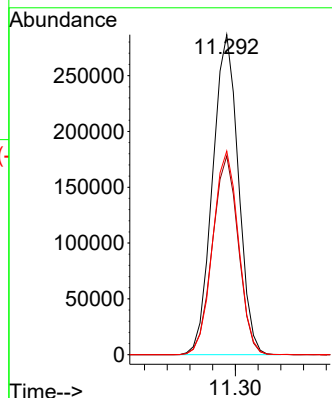
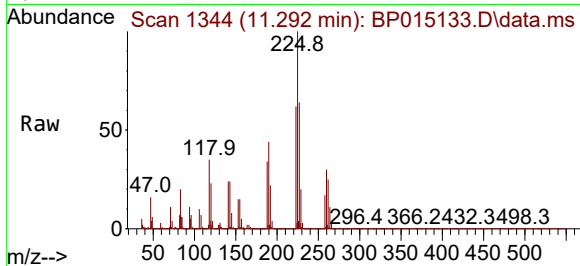




#33
Hexachlorobutadiene
Concen: 28.929 ng/ul
RT: 11.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP015133.D
Acq: 17 May 2023 19:14

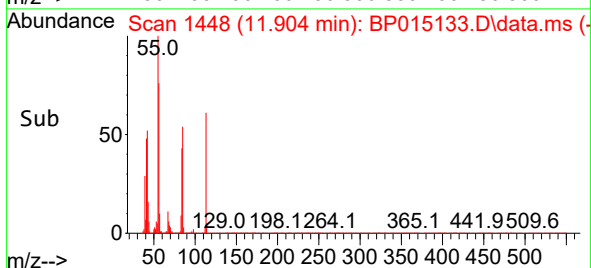
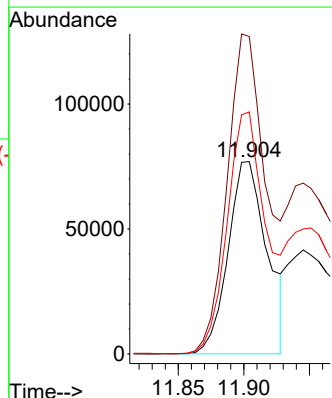
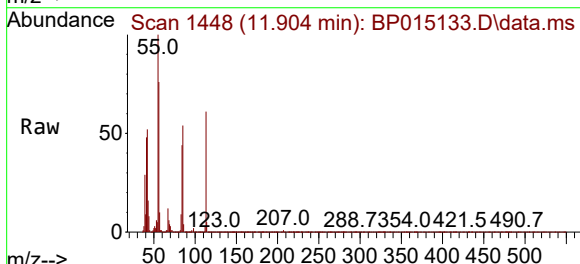
Instrument :
BNA_P
ClientSampleId :
SLCS822

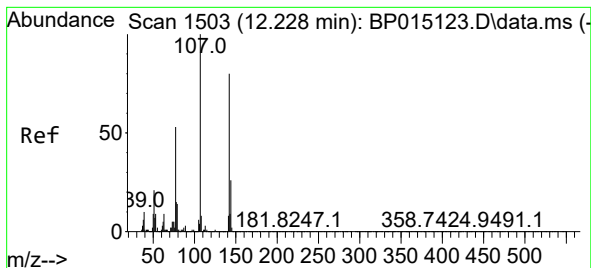
Tgt Ion:225 Resp: 451706
Ion Ratio Lower Upper
225 100
223 62.1 51.0 76.6
227 63.7 52.2 78.4



#34
Caprolactam
Concen: 16.195 ng/ul
RT: 11.904 min Scan# 1448
Delta R.T. 0.012 min
Lab File: BP015133.D
Acq: 17 May 2023 19:14

Tgt Ion:113 Resp: 158186
Ion Ratio Lower Upper
113 100
55 165.1 121.2 181.8
56 125.9 90.2 135.4

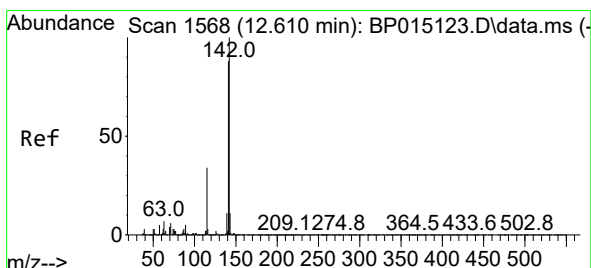
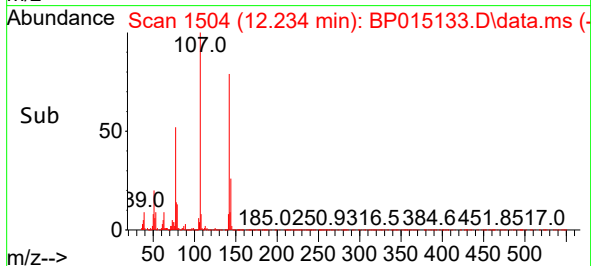
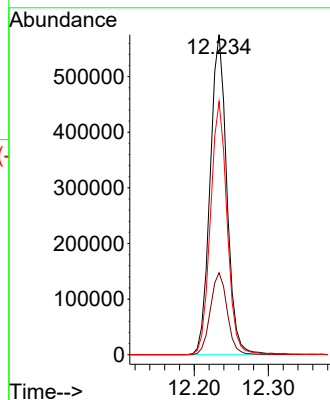
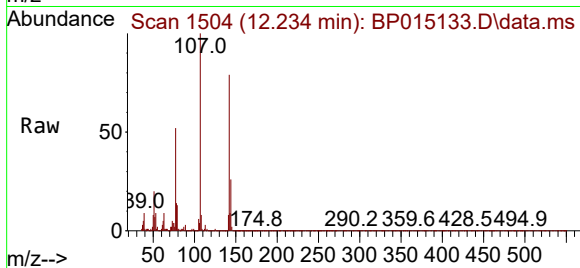




#35
4-Chloro-3-methylphenol
Concen: 30.795 ng/ul
RT: 12.234 min Scan# 1504
Delta R.T. 0.006 min
Lab File: BP015133.D
Acq: 17 May 2023 19:14

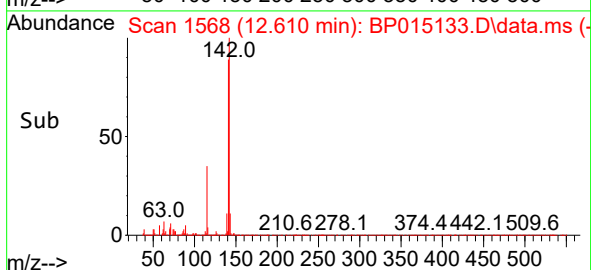
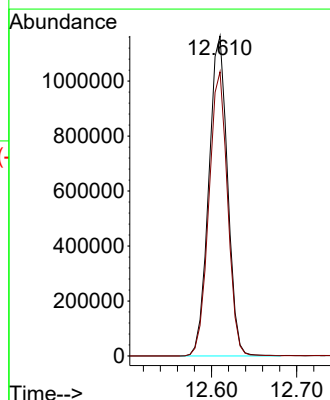
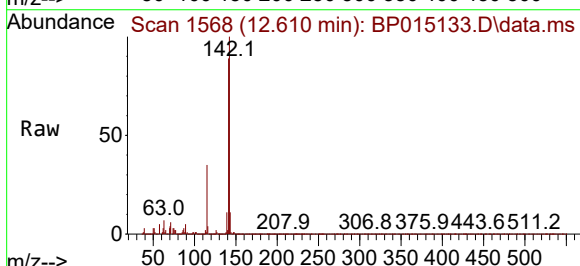
Instrument :
BNA_P
ClientSampleId :
SLCS822

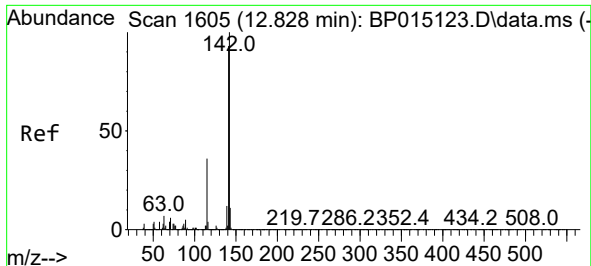
Tgt Ion:107 Resp: 900849
Ion Ratio Lower Upper
107 100
144 25.6 20.3 30.5
142 79.1 63.2 94.8



#36
2-Methylnaphthalene
Concen: 29.857 ng/ul
RT: 12.610 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BP015133.D
Acq: 17 May 2023 19:14

Tgt Ion:142 Resp: 1777943
Ion Ratio Lower Upper
142 100
141 88.8 71.0 106.6





#37

1-Methylnaphthalene

Concen: 29.264 ng/ul

RT: 12.828 min Scan# 1605

Delta R.T. -0.000 min

Lab File: BP015133.D

Acq: 17 May 2023 19:14

Instrument :

BNA_P

ClientSampleId :

SLCS822

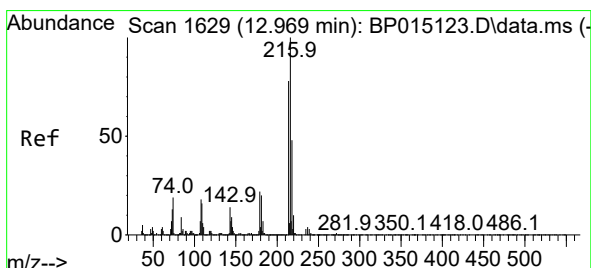
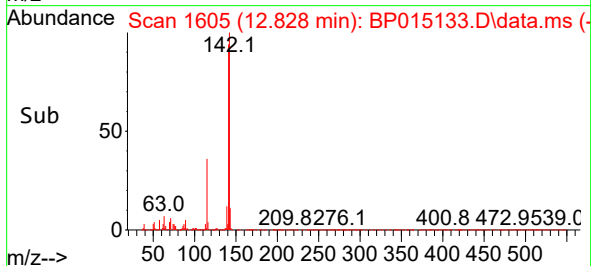
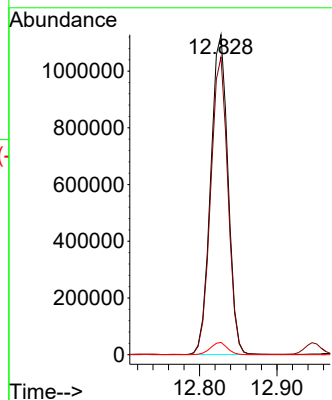
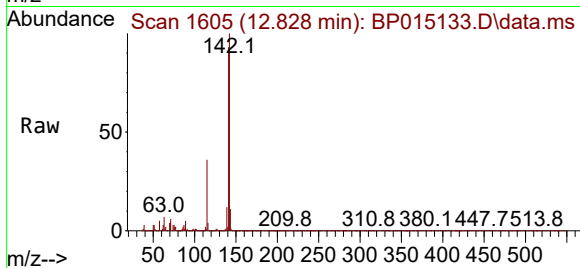
Tgt Ion:142 Resp: 1750010

Ion Ratio Lower Upper

142 100

141 93.0 74.6 112.0

116 3.8 2.9 4.3



#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.634 ng/ul

RT: 12.969 min Scan# 1629

Delta R.T. -0.000 min

Lab File: BP015133.D

Acq: 17 May 2023 19:14

Tgt Ion:216 Resp: 901124

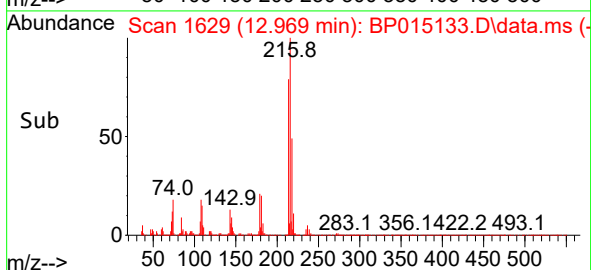
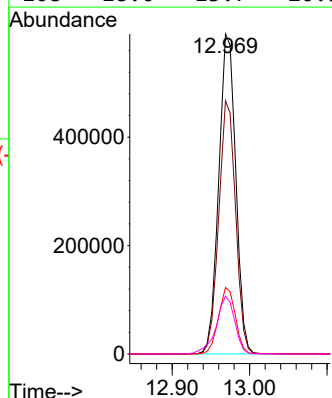
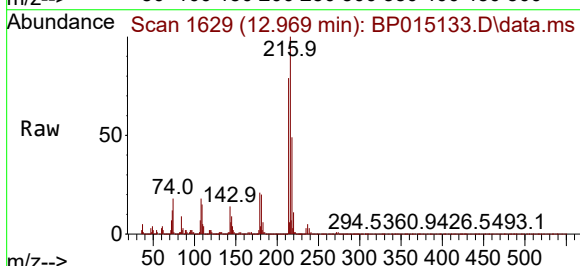
Ion Ratio Lower Upper

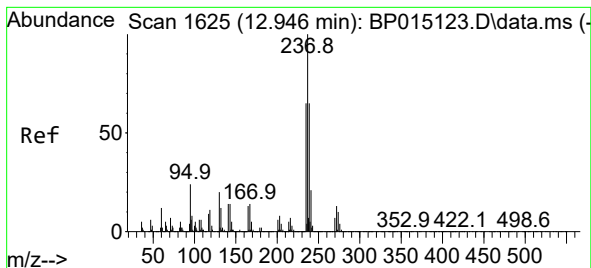
216 100

214 79.2 61.4 92.0

179 20.7 15.9 23.9

108 18.0 13.7 20.5





#40

Hexachlorocyclopentadiene

Concen: 25.252 ng/ul

RT: 12.945 min Scan# 1625

Delta R.T. -0.000 min

Lab File: BP015133.D

Acq: 17 May 2023 19:14

Instrument :

BNA_P

ClientSampleId :

SLCS822

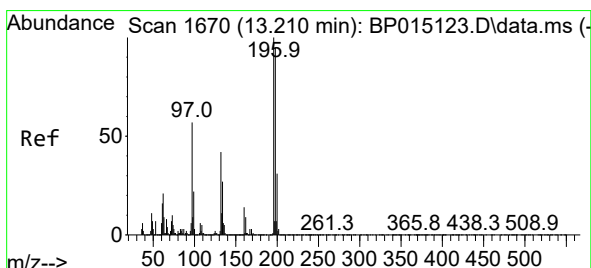
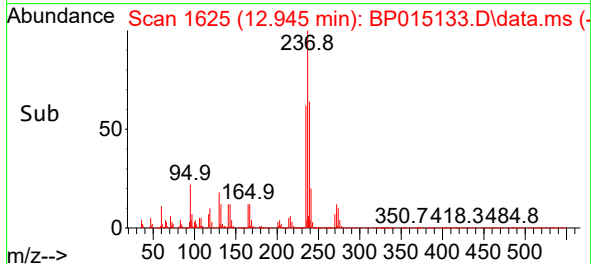
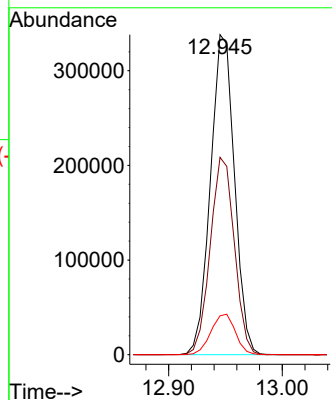
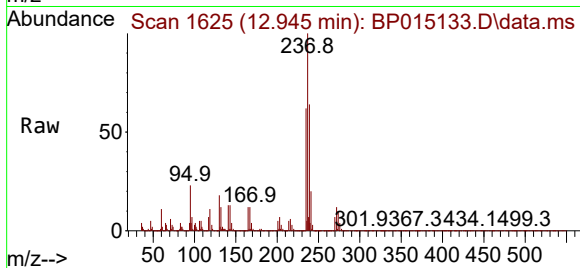
Tgt Ion:237 Resp: 497529

Ion Ratio Lower Upper

237 100

235 61.7 49.4 74.0

272 12.2 10.4 15.6



#41

2,4,6-Trichlorophenol

Concen: 28.674 ng/ul

RT: 13.210 min Scan# 1670

Delta R.T. -0.000 min

Lab File: BP015133.D

Acq: 17 May 2023 19:14

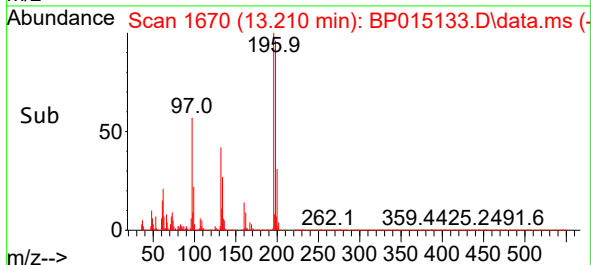
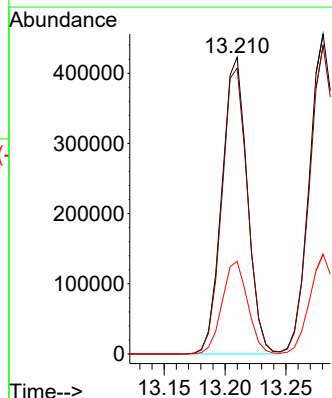
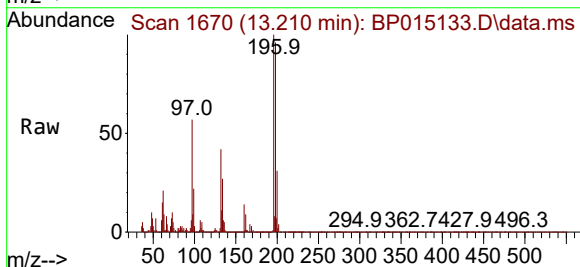
Tgt Ion:196 Resp: 615696

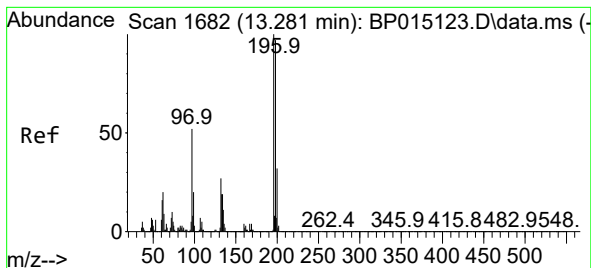
Ion Ratio Lower Upper

196 100

198 96.4 75.5 113.3

200 31.2 23.6 35.4





#42

2,4,5-Trichlorophenol

Concen: 29.636 ng/ul

RT: 13.281 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP015133.D

Acq: 17 May 2023 19:14

Instrument :

BNA_P

ClientSampleId :

SLCS822

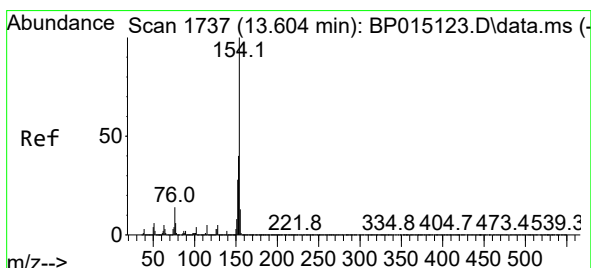
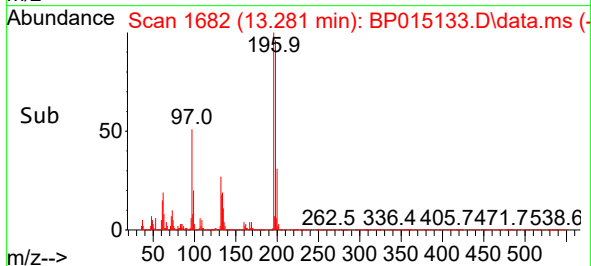
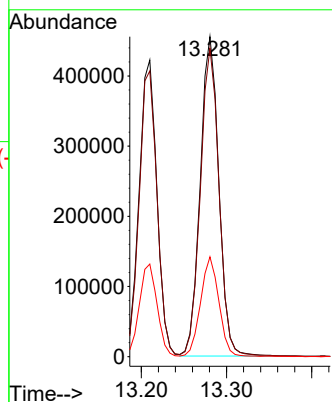
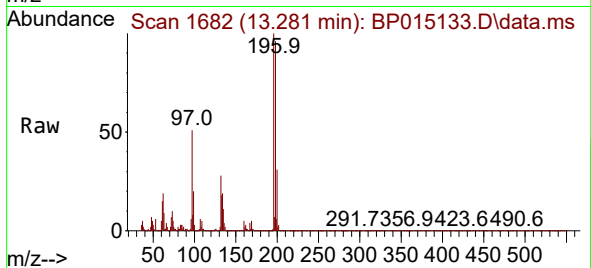
Tgt Ion:196 Resp: 689975

Ion Ratio Lower Upper

196 100

198 96.4 77.0 115.4

200 31.2 24.3 36.5



#43

1,1'-Biphenyl

Concen: 30.541 ng/ul

RT: 13.604 min Scan# 1737

Delta R.T. -0.000 min

Lab File: BP015133.D

Acq: 17 May 2023 19:14

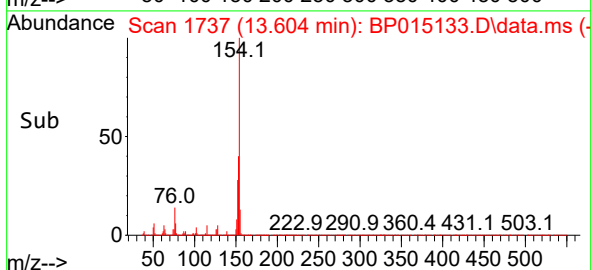
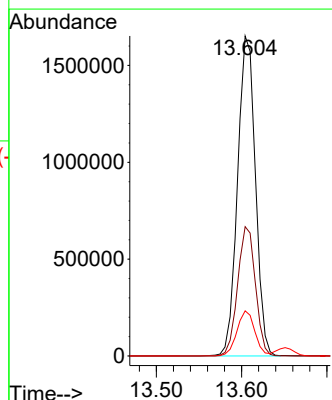
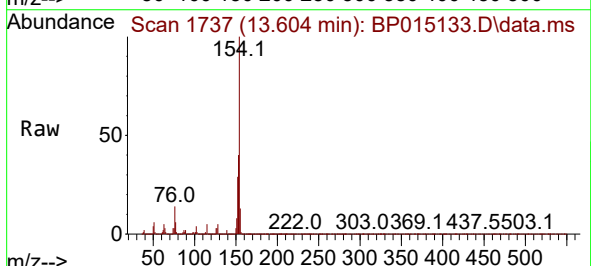
Tgt Ion:154 Resp: 2409304

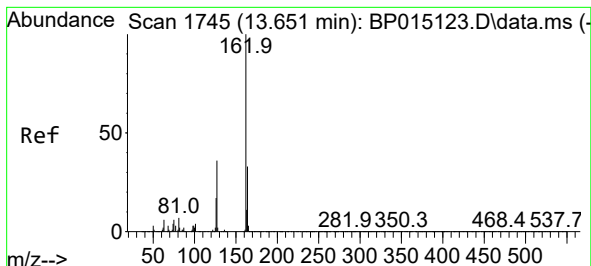
Ion Ratio Lower Upper

154 100

153 40.4 32.7 49.1

76 14.1 10.7 16.1





#44

2-Chloronaphthalene

Concen: 30.384 ng/ul

RT: 13.651 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP015133.D

Acq: 17 May 2023 19:14

Instrument :

BNA_P

ClientSampleId :

SLCS822

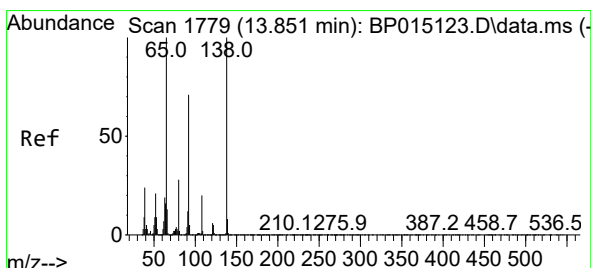
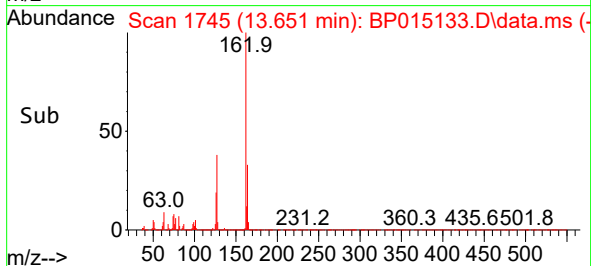
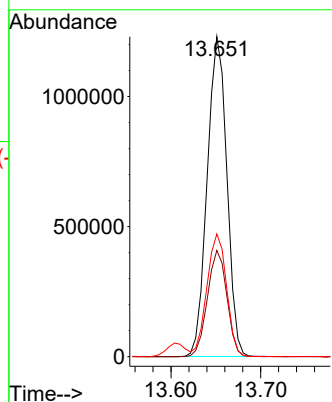
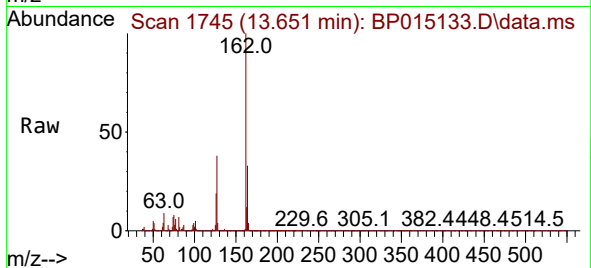
Tgt Ion:162 Resp: 1871854

Ion Ratio Lower Upper

162 100

164 33.2 25.9 38.9

127 38.4 30.8 46.2



#45

2-Nitroaniline

Concen: 33.197 ng/ul

RT: 13.857 min Scan# 1780

Delta R.T. 0.006 min

Lab File: BP015133.D

Acq: 17 May 2023 19:14

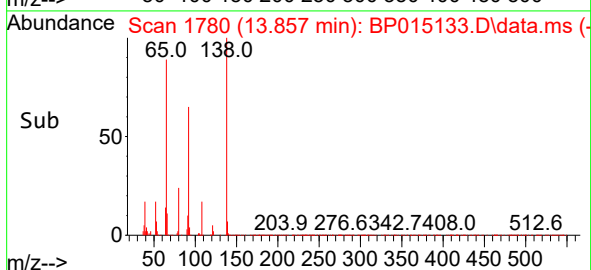
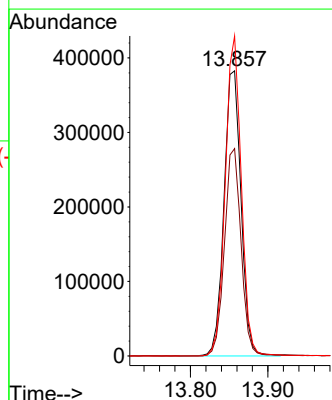
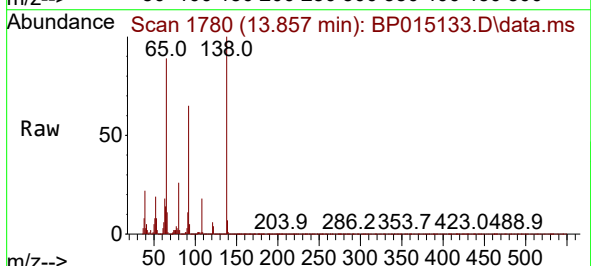
Tgt Ion: 65 Resp: 585168

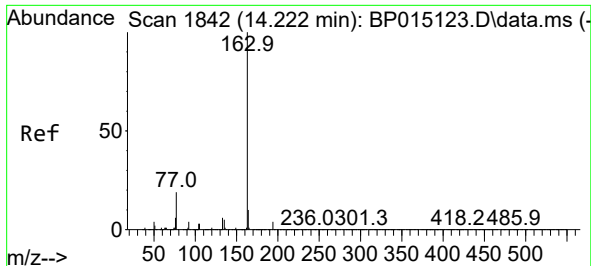
Ion Ratio Lower Upper

65 100

92 72.7 59.8 89.8

138 112.2 92.3 138.5

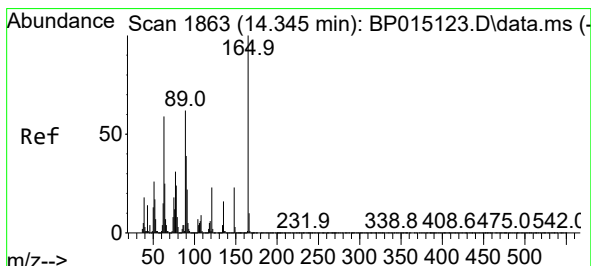
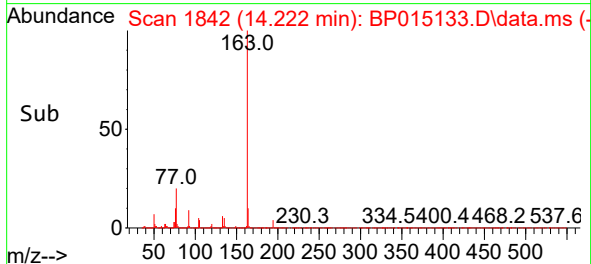
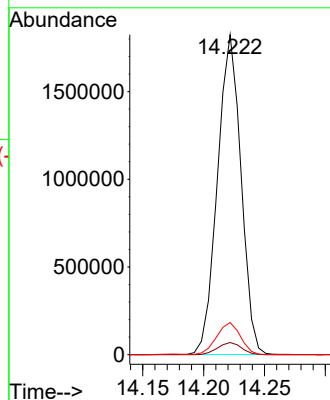
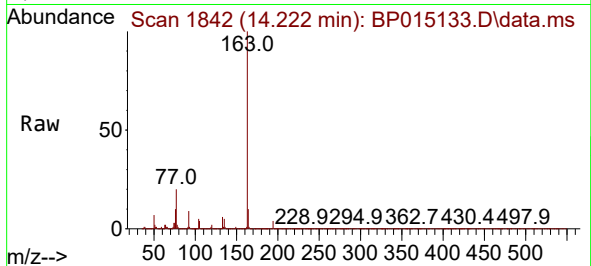




#47
Dimethylphthalate
Concen: 30.657 ng/ul
RT: 14.222 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BP015133.D
Acq: 17 May 2023 19:14

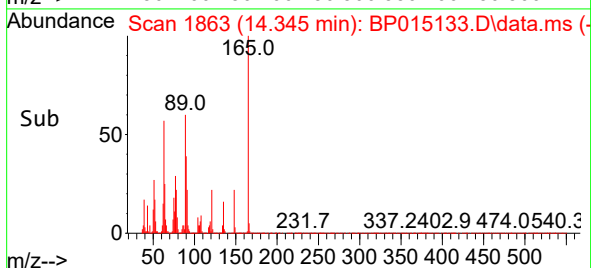
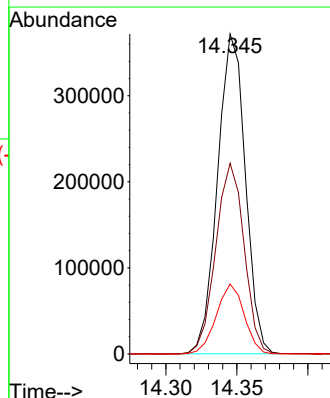
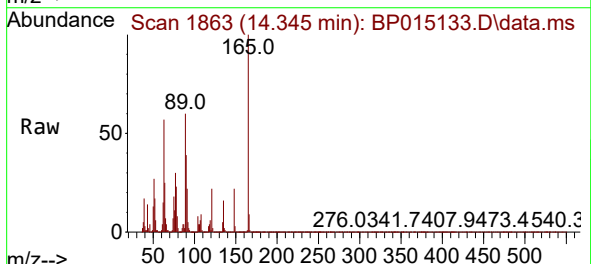
Instrument :
BNA_P
ClientSampleId :
SLCS822

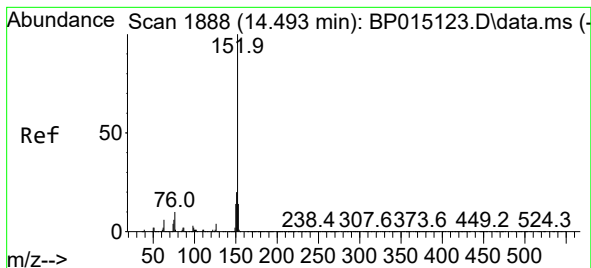
Tgt Ion:163 Resp: 2453003
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.0 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 31.873 ng/ul
RT: 14.345 min Scan# 1863
Delta R.T. -0.000 min
Lab File: BP015133.D
Acq: 17 May 2023 19:14

Tgt Ion:165 Resp: 505258
Ion Ratio Lower Upper
165 100
89 59.5 48.0 72.0
121 21.9 17.5 26.3





#50

Acenaphthylene

Concen: 30.384 ng/ul

RT: 14.492 min Scan# 1888

Delta R.T. -0.000 min

Lab File: BP015133.D

Acq: 17 May 2023 19:14

Instrument :

BNA_P

ClientSampleId :

SLCS822

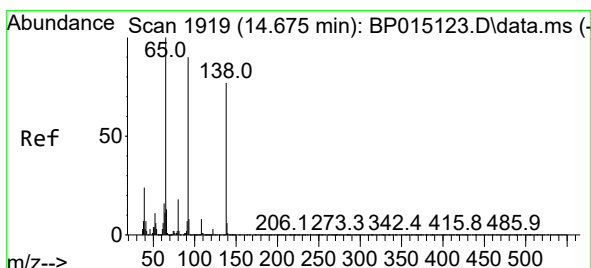
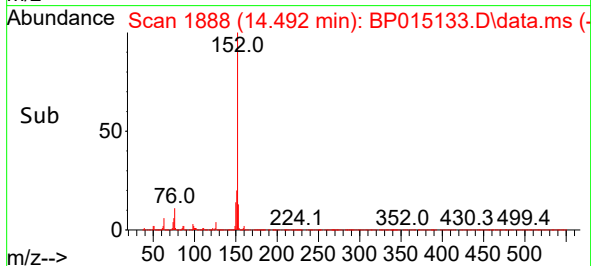
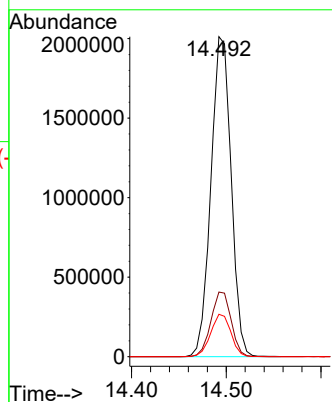
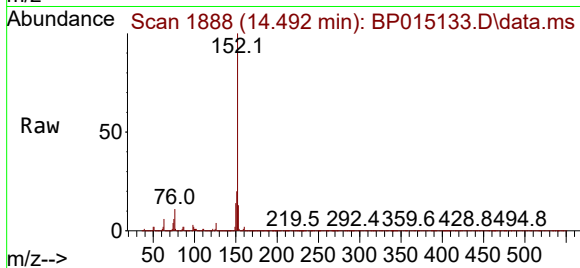
Tgt Ion:152 Resp: 2979074

Ion Ratio Lower Upper

152 100

151 20.2 16.1 24.1

153 13.2 10.3 15.5



#51

3-Nitroaniline

Concen: 36.410 ng/ul

RT: 14.675 min Scan# 1919

Delta R.T. -0.000 min

Lab File: BP015133.D

Acq: 17 May 2023 19:14

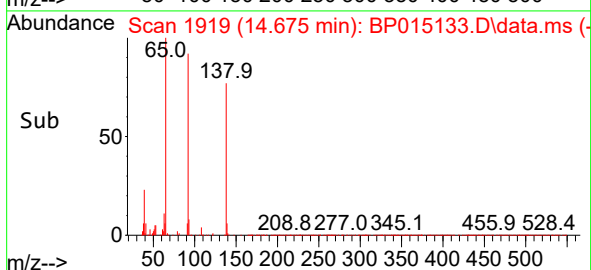
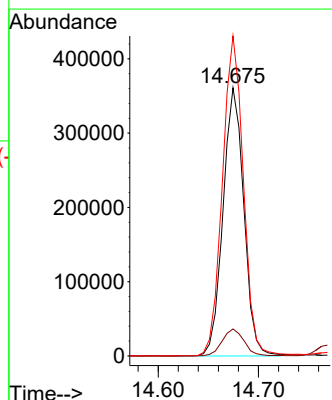
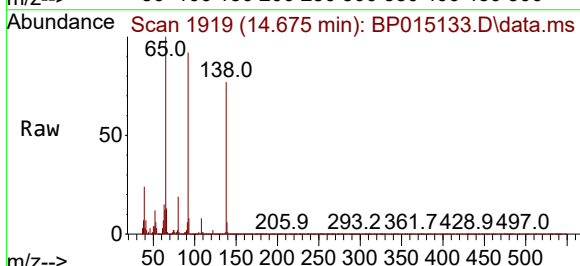
Tgt Ion:138 Resp: 519726

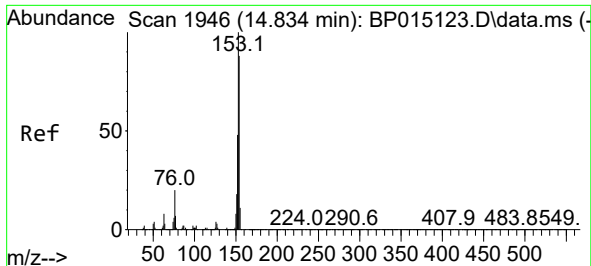
Ion Ratio Lower Upper

138 100

108 10.1 8.8 13.2

92 119.4 93.4 140.0

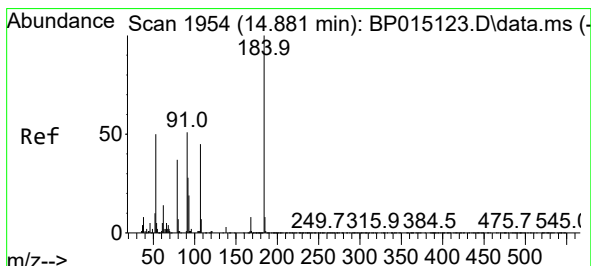
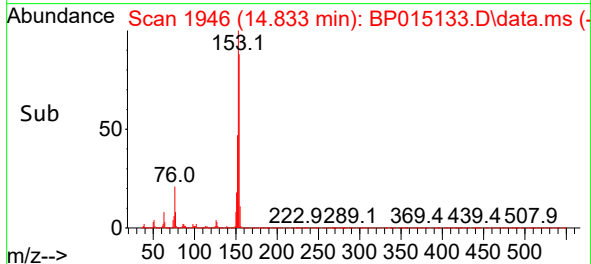
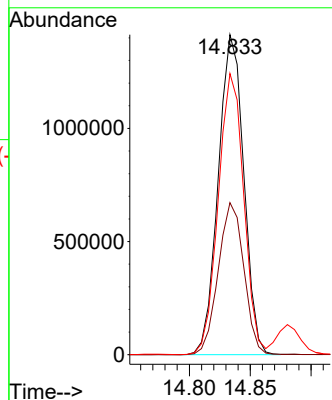
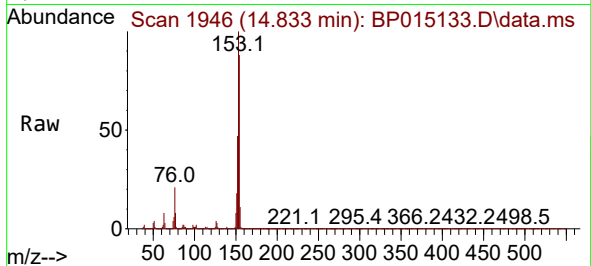




#52
Acenaphthene
Concen: 30.776 ng/ul
RT: 14.833 min Scan# 1946
Delta R.T. -0.000 min
Lab File: BP015133.D
Acq: 17 May 2023 19:14

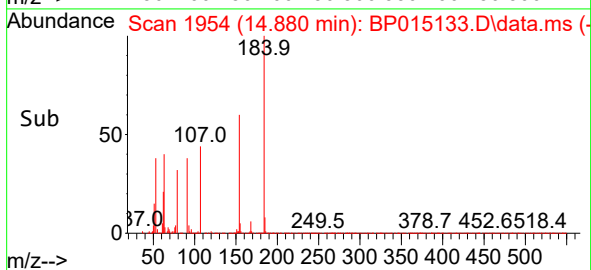
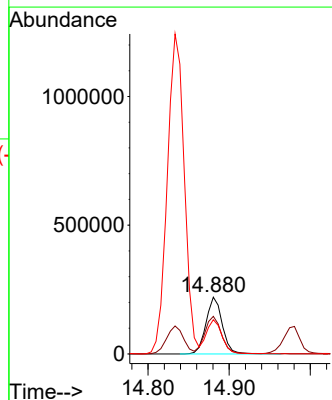
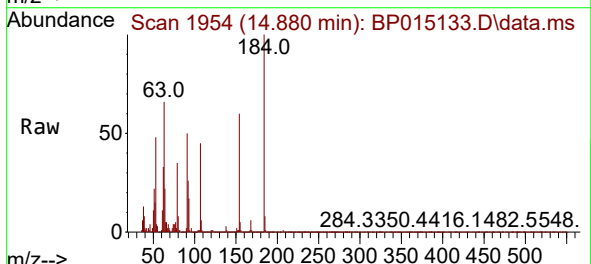
Instrument :
BNA_P
ClientSampleId :
SLCS822

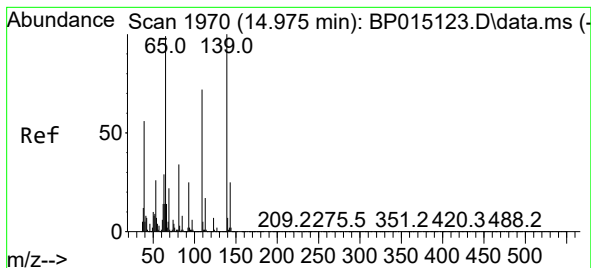
Tgt Ion:153 Resp: 2060879
Ion Ratio Lower Upper
153 100
152 47.5 38.0 57.0
154 87.9 71.0 106.4



#53
2,4-Dinitrophenol
Concen: 29.159 ng/ul
RT: 14.880 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BP015133.D
Acq: 17 May 2023 19:14

Tgt Ion:184 Resp: 306906
Ion Ratio Lower Upper
184 100
63 66.2 49.7 74.5
154 60.3 47.5 71.3

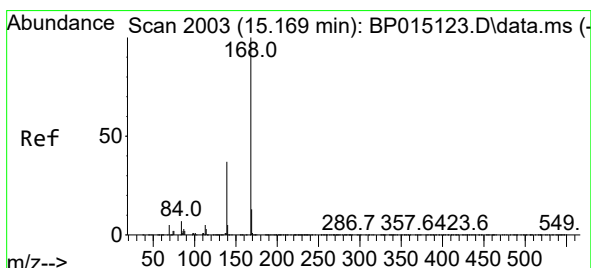
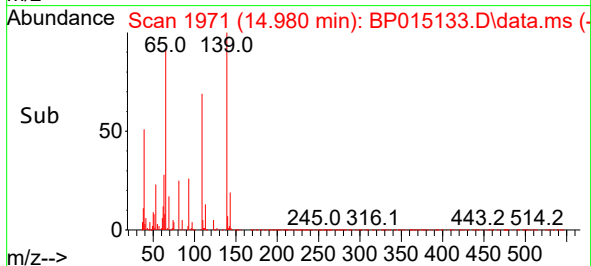
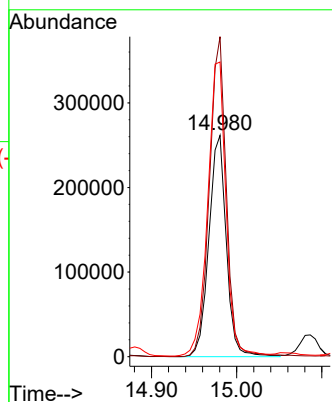
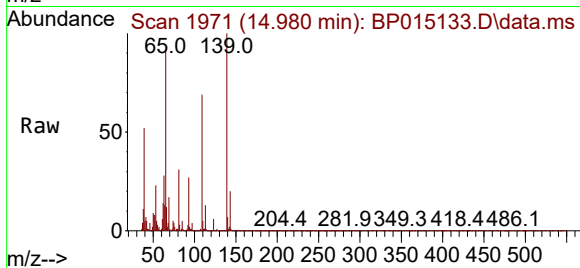




#55
4-Nitrophenol
Concen: 33.899 ng/ul
RT: 14.980 min Scan# 1970
Delta R.T. 0.006 min
Lab File: BP015133.D
Acq: 17 May 2023 19:14

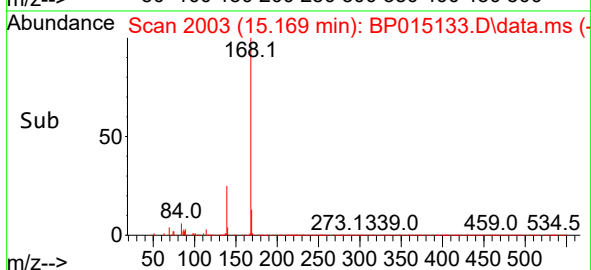
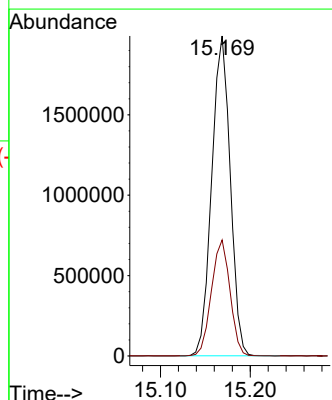
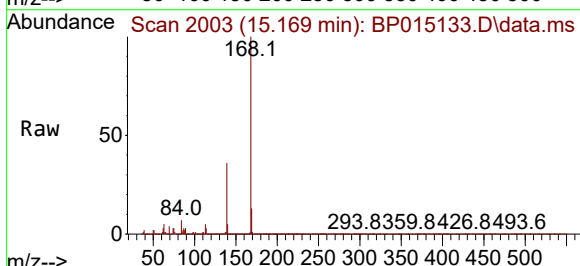
Instrument :
BNA_P
ClientSampleId :
SLCS822

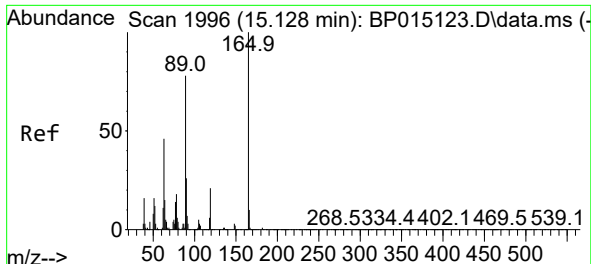
Tgt Ion:109 Resp: 371979
Ion Ratio Lower Upper
109 100
139 144.6 115.3 172.9
65 133.2 107.9 161.9



#56
Dibenzofuran
Concen: 30.609 ng/ul
RT: 15.169 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BP015133.D
Acq: 17 May 2023 19:14

Tgt Ion:168 Resp: 2850991
Ion Ratio Lower Upper
168 100
139 36.2 29.4 44.0

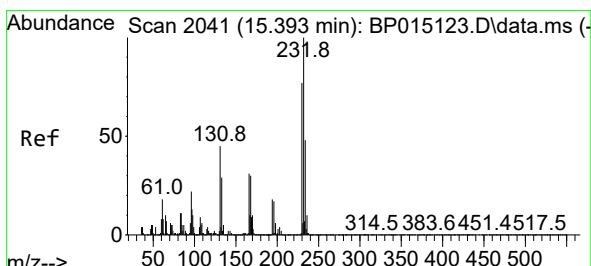
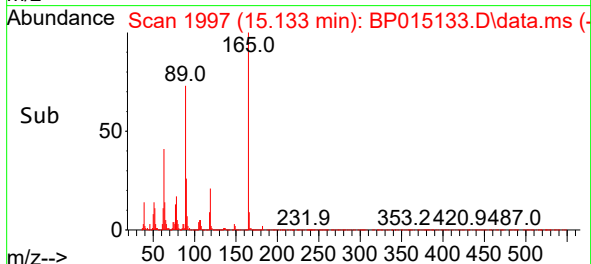
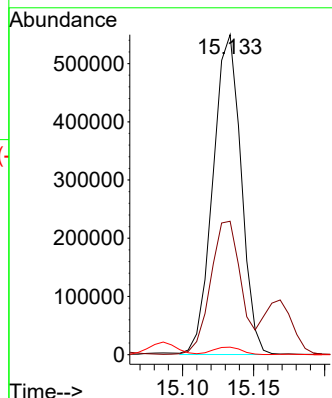
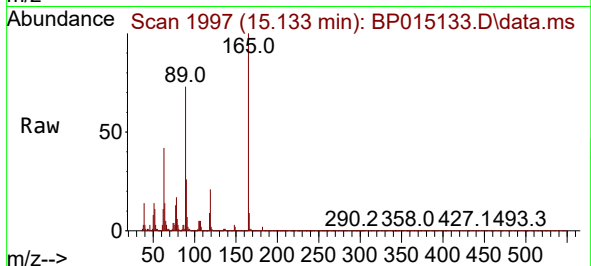




#57
2,4-Dinitrotoluene
Concen: 33.046 ng/ul
RT: 15.133 min Scan# 1997
Delta R.T. 0.006 min
Lab File: BP015133.D
Acq: 17 May 2023 19:14

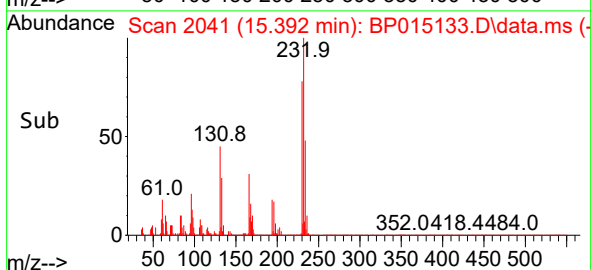
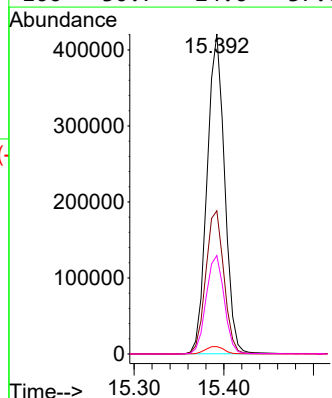
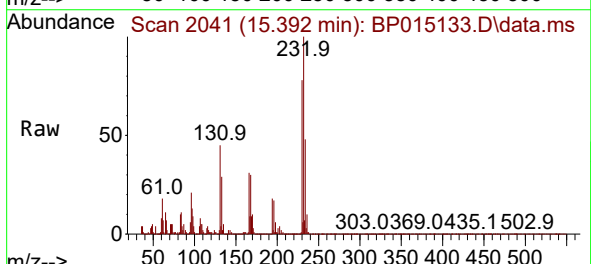
Instrument :
BNA_P
ClientSampleId :
SLCS822

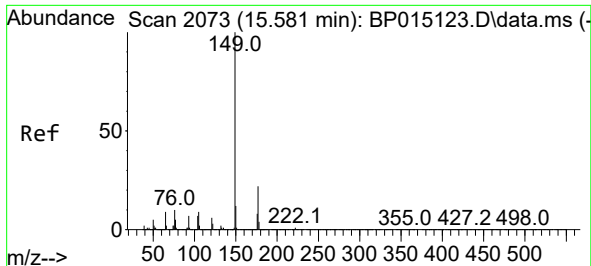
Tgt Ion:165 Resp: 758024
Ion Ratio Lower Upper
165 100
63 41.7 33.1 49.7
182 2.3 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 29.117 ng/ul
RT: 15.392 min Scan# 2041
Delta R.T. -0.000 min
Lab File: BP015133.D
Acq: 17 May 2023 19:14

Tgt Ion:232 Resp: 572116
Ion Ratio Lower Upper
232 100
131 44.7 36.8 55.2
130 2.3 1.9 2.9
166 30.7 24.6 37.0

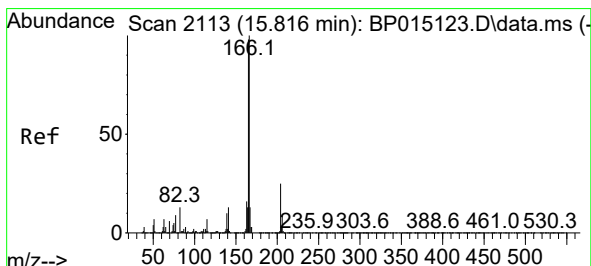
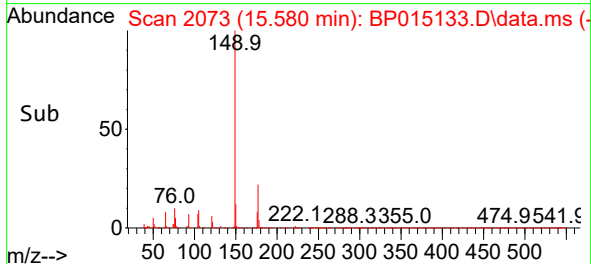
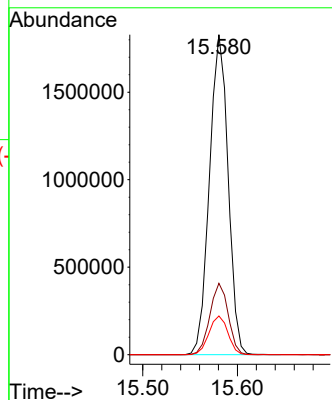
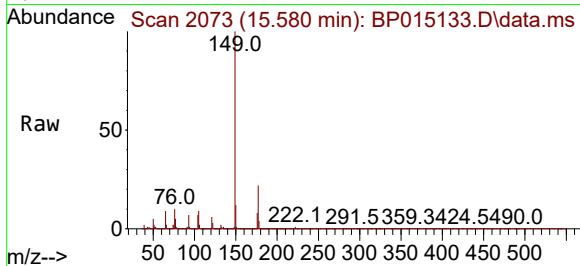




#59
Diethylphthalate
Concen: 31.371 ng/ul
RT: 15.580 min Scan# 2073
Delta R.T. -0.000 min
Lab File: BP015133.D
Acq: 17 May 2023 19:14

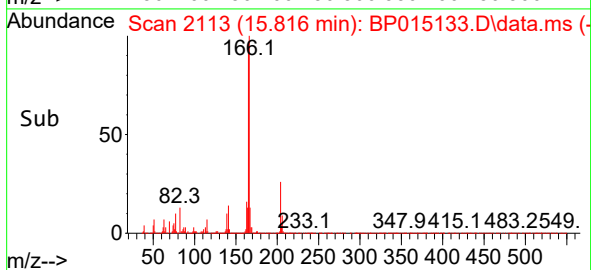
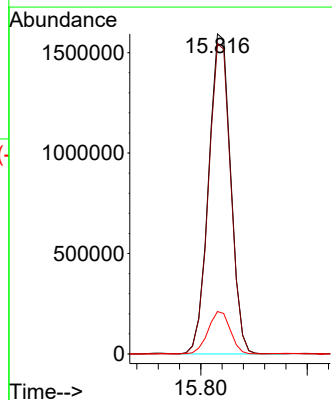
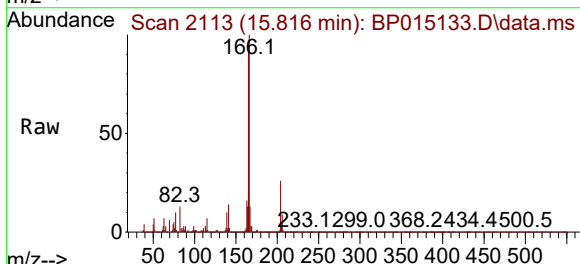
Instrument :
BNA_P
ClientSampleId :
SLCS822

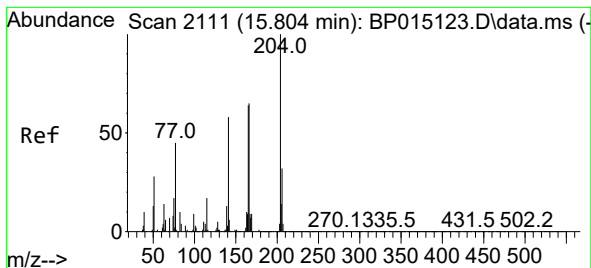
Tgt Ion:149 Resp: 2503554
Ion Ratio Lower Upper
149 100
177 22.3 17.5 26.3
150 12.1 9.8 14.8



#61
Fluorene
Concen: 30.687 ng/ul
RT: 15.816 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BP015133.D
Acq: 17 May 2023 19:14

Tgt Ion:166 Resp: 2296930
Ion Ratio Lower Upper
166 100
165 96.9 77.8 116.6
167 13.3 10.6 15.8

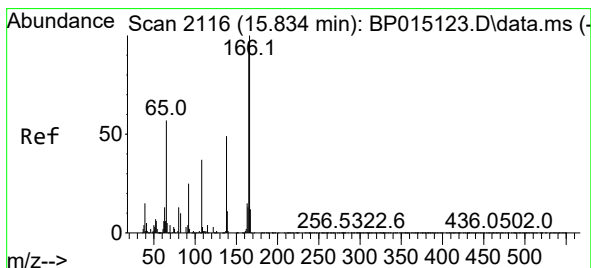
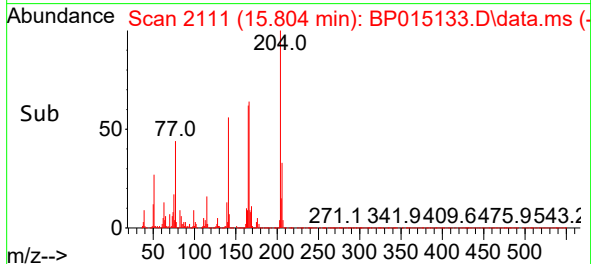
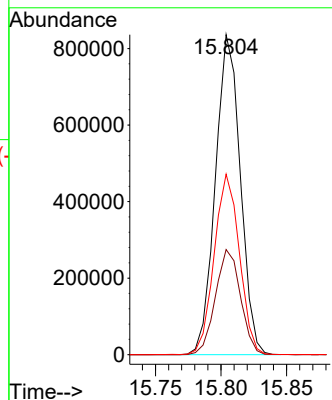
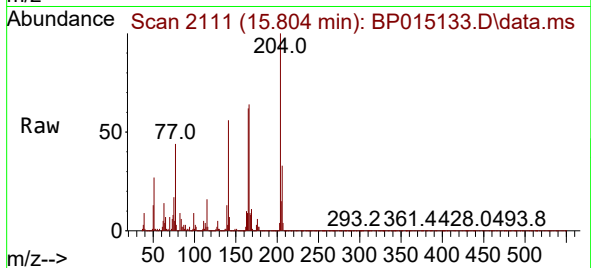




#62
4-Chlorophenyl-phenylether
Concen: 30.208 ng/ul
RT: 15.804 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BP015133.D
Acq: 17 May 2023 19:14

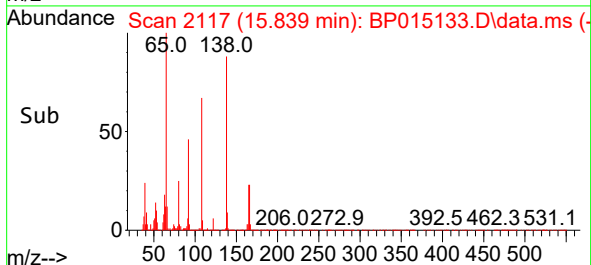
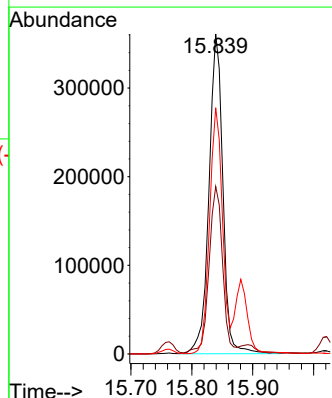
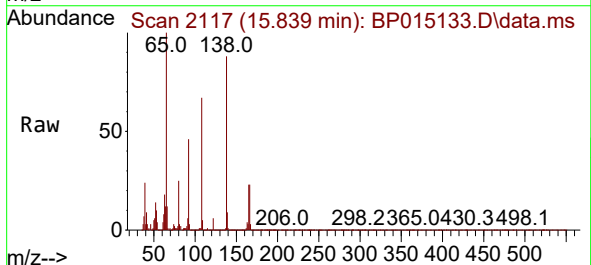
Instrument :
BNA_P
ClientSampleId :
SLCS822

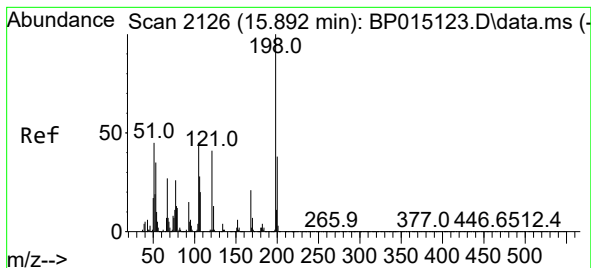
Tgt Ion:204 Resp: 1104778
Ion Ratio Lower Upper
204 100
206 32.9 26.1 39.1
141 56.4 44.5 66.7



#63
4-Nitroaniline
Concen: 46.537 ng/ul
RT: 15.839 min Scan# 2117
Delta R.T. 0.006 min
Lab File: BP015133.D
Acq: 17 May 2023 19:14

Tgt Ion:138 Resp: 573648
Ion Ratio Lower Upper
138 100
92 52.4 41.2 61.8
108 77.0 60.1 90.1

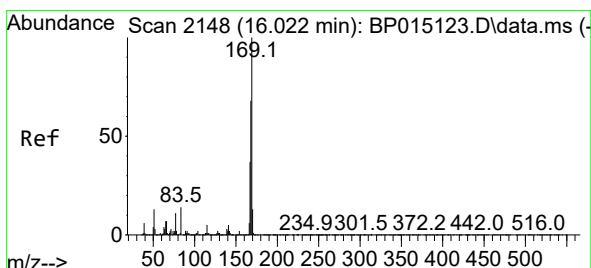
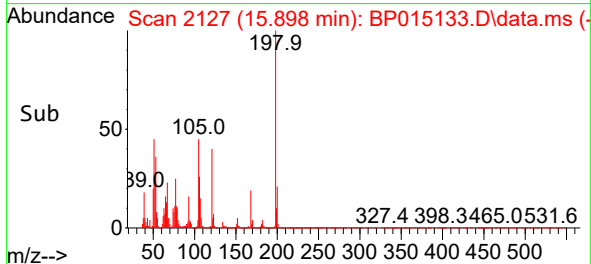
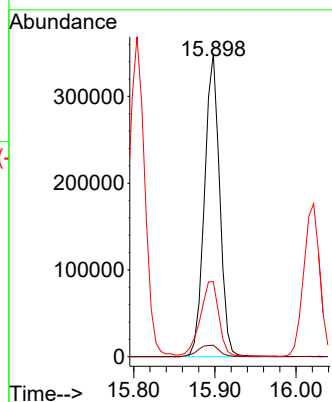
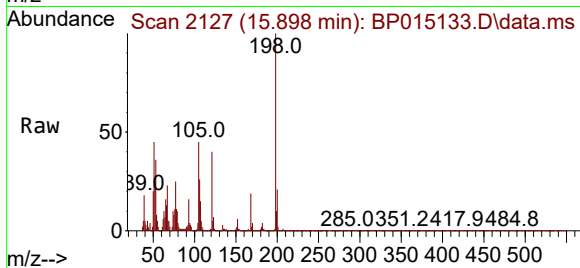




#66
4,6-Dinitro-2-methylphenol
Concen: 33.504 ng/ul
RT: 15.898 min Scan# 2126
Delta R.T. 0.006 min
Lab File: BP015133.D
Acq: 17 May 2023 19:14

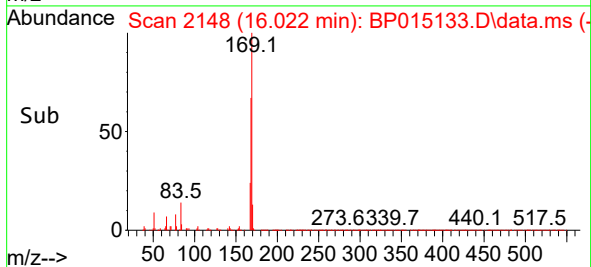
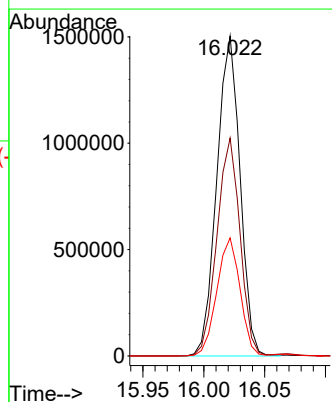
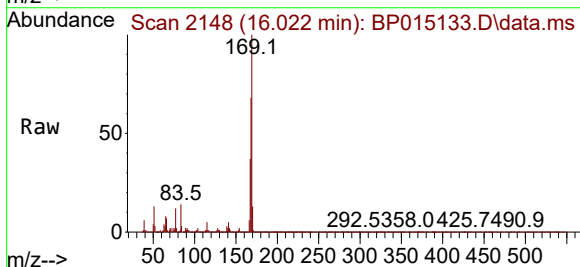
Instrument :
BNA_P
ClientSampleId :
SLCS822

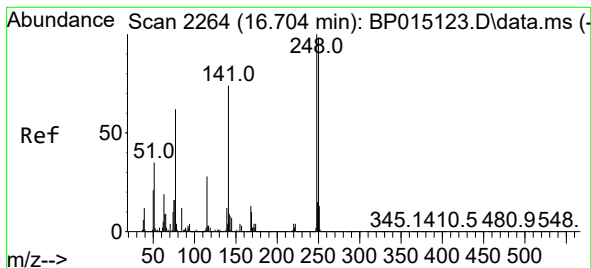
Tgt Ion:198 Resp: 451420
Ion Ratio Lower Upper
198 100
182 3.8 3.7 5.5
77 24.7 21.2 31.8



#67
N-Nitrosodiphenylamine
Concen: 32.830 ng/ul
RT: 16.022 min Scan# 2148
Delta R.T. -0.000 min
Lab File: BP015133.D
Acq: 17 May 2023 19:14

Tgt Ion:169 Resp: 1999741
Ion Ratio Lower Upper
169 100
168 68.1 53.5 80.3
167 36.9 28.9 43.3

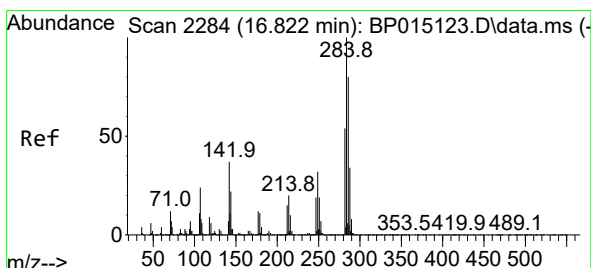
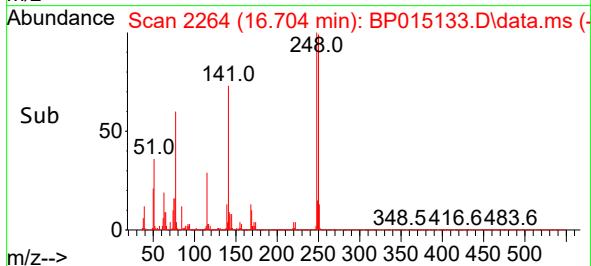
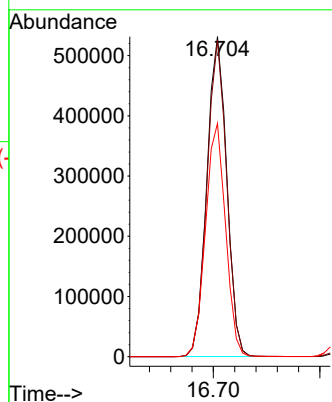
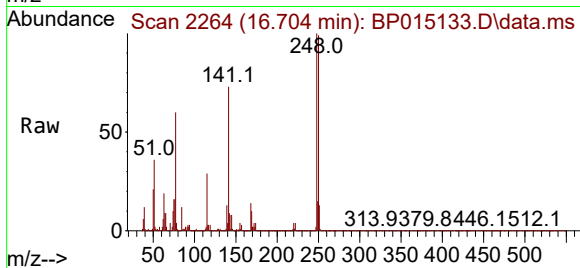




#68
4-Bromophenyl-phenylether
Concen: 32.371 ng/ul
RT: 16.704 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP015133.D
Acq: 17 May 2023 19:14

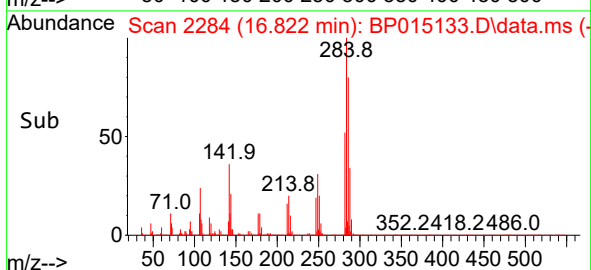
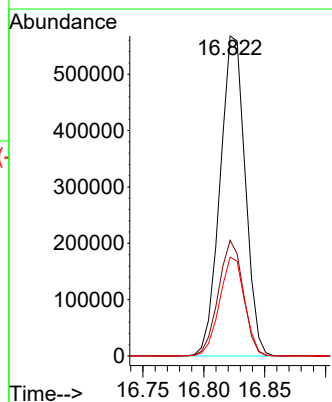
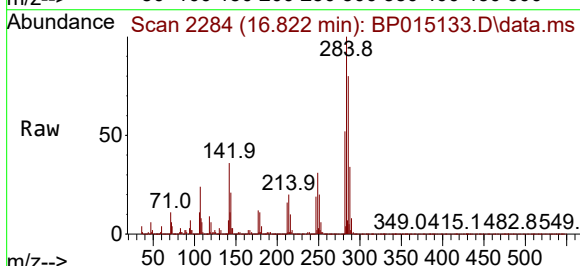
Instrument :
BNA_P
ClientSampleId :
SLCS822

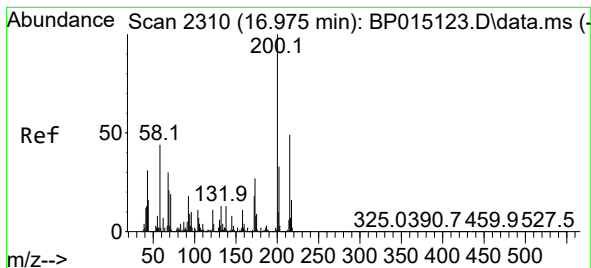
Tgt Ion:248 Resp: 690710
Ion Ratio Lower Upper
248 100
250 98.9 79.0 118.4
141 72.9 58.6 87.8



#69
Hexachlorobenzene
Concen: 32.377 ng/ul
RT: 16.822 min Scan# 2284
Delta R.T. -0.000 min
Lab File: BP015133.D
Acq: 17 May 2023 19:14

Tgt Ion:284 Resp: 816394
Ion Ratio Lower Upper
284 100
142 36.2 27.3 40.9
249 30.9 24.6 36.8





#70

Atrazine

Concen: 18.711 ng/ul

RT: 16.969 min Scan# 2309

Delta R.T. -0.000 min

Lab File: BP015133.D

Acq: 17 May 2023 19:14

Instrument :

BNA_P

ClientSampleId :

SLCS822

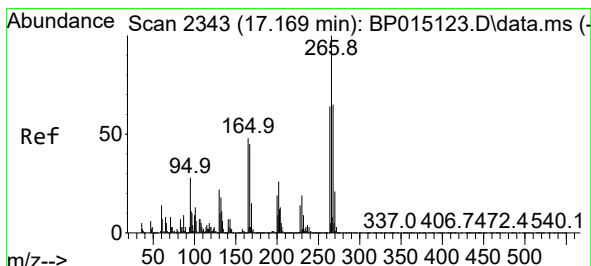
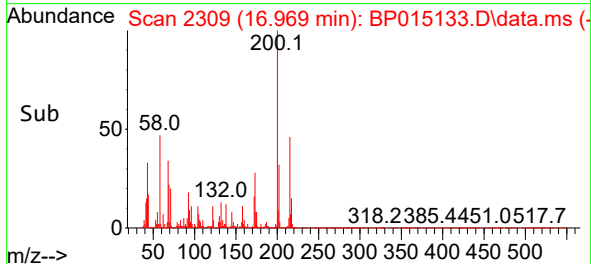
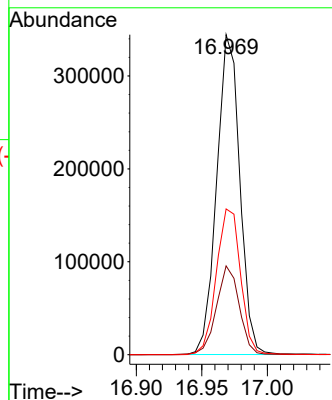
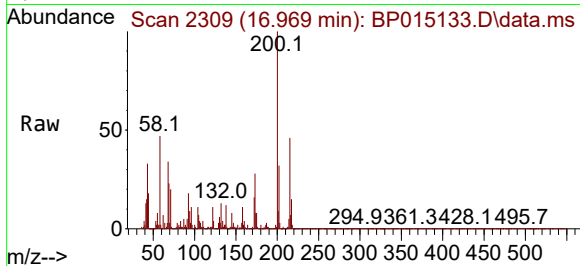
Tgt Ion:200 Resp: 421267

Ion Ratio Lower Upper

200 100

173 27.7 21.4 32.2

215 45.6 38.1 57.1



#71

Pentachlorophenol

Concen: 30.775 ng/ul

RT: 17.169 min Scan# 2343

Delta R.T. -0.000 min

Lab File: BP015133.D

Acq: 17 May 2023 19:14

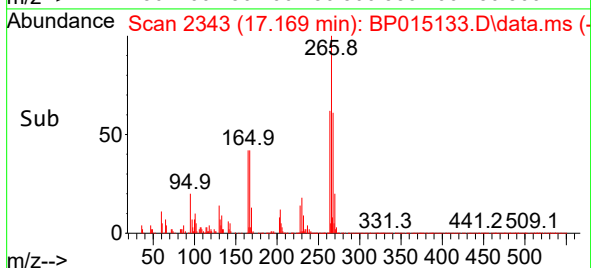
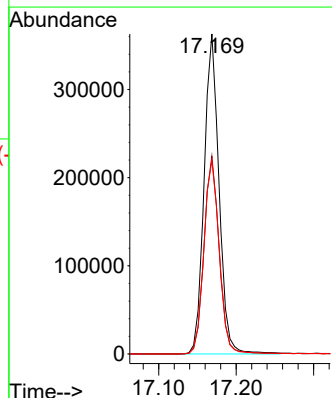
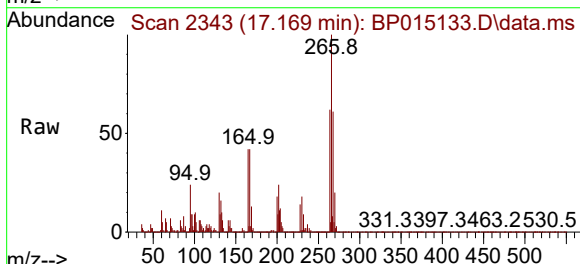
Tgt Ion:266 Resp: 485400

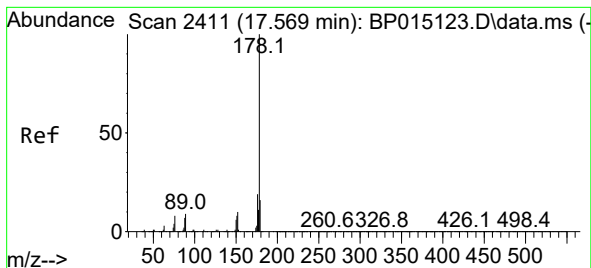
Ion Ratio Lower Upper

266 100

264 61.8 51.0 76.4

268 60.5 51.8 77.6





#72

Phenanthrene

Concen: 31.092 ng/ul

RT: 17.569 min Scan# 2411

Delta R.T. -0.000 min

Lab File: BP015133.D

Acq: 17 May 2023 19:14

Instrument :

BNA_P

ClientSampleId :

SLCS822

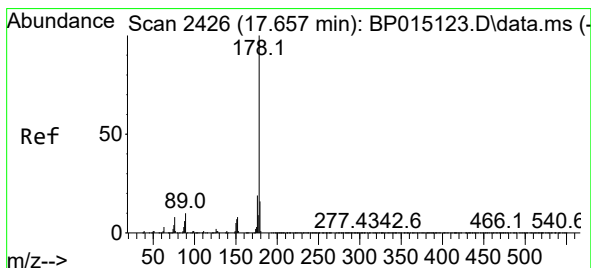
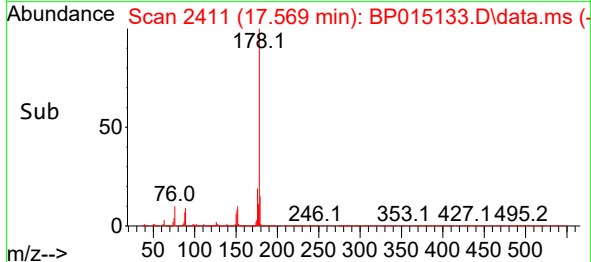
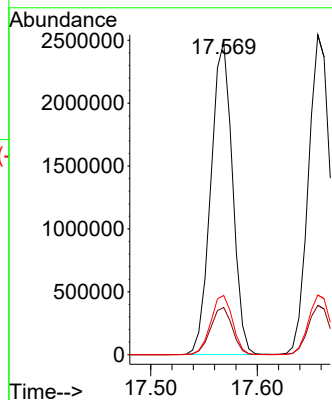
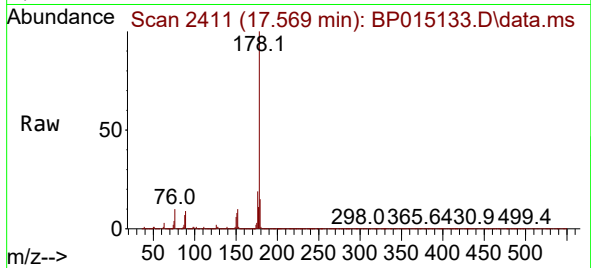
Tgt Ion:178 Resp: 3507307

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.2

176 18.9 15.6 23.4



#74

Anthracene

Concen: 31.450 ng/ul

RT: 17.657 min Scan# 2426

Delta R.T. -0.000 min

Lab File: BP015133.D

Acq: 17 May 2023 19:14

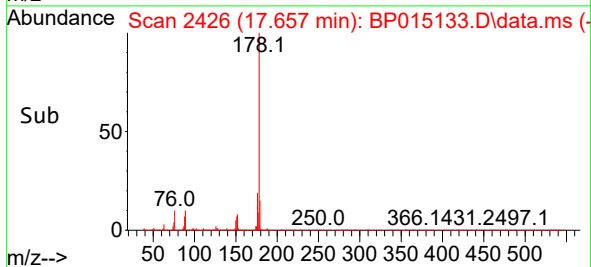
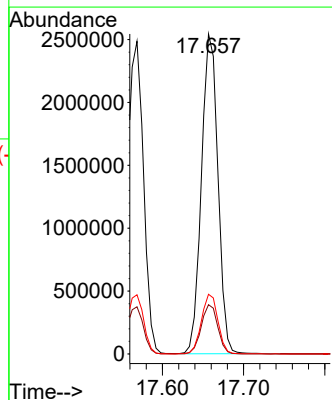
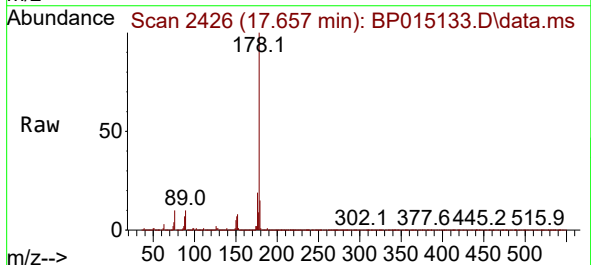
Tgt Ion:178 Resp: 3587492

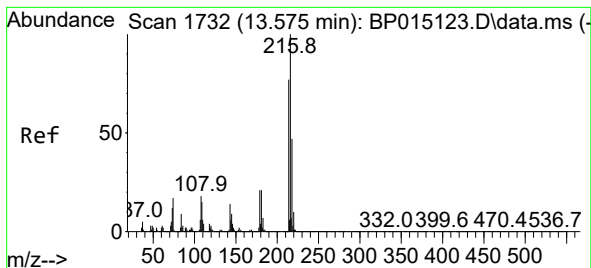
Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

176 18.7 15.2 22.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 31.300 ng/uL

RT: 13.575 min Scan# 1732

Delta R.T. -0.000 min

Lab File: BP015133.D

Acq: 17 May 2023 19:14

Instrument :

BNA_P

ClientSampleId :

SLCS822

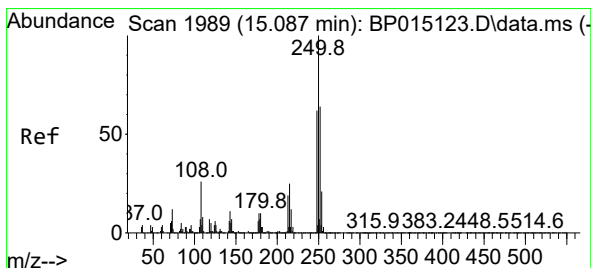
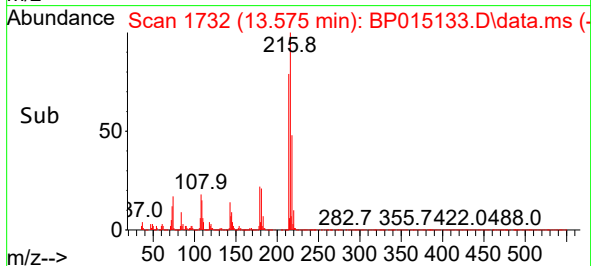
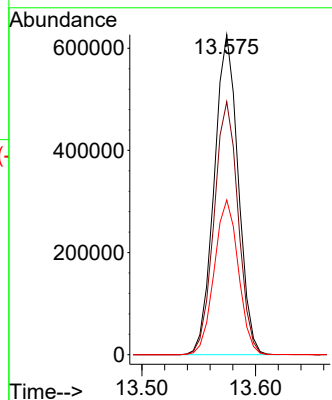
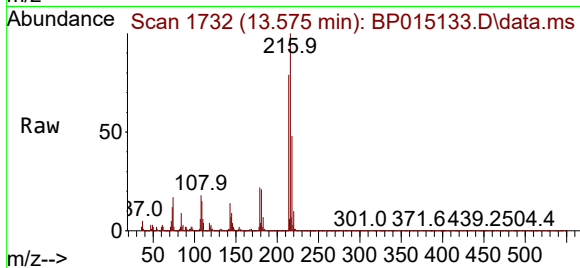
Tgt Ion:216 Resp: 919338

Ion Ratio Lower Upper

216 100

214 79.0 62.2 93.4

218 48.4 38.2 57.2



#76

Pentachlorobenzene

Concen: 30.747 ng/uL

RT: 15.086 min Scan# 1989

Delta R.T. -0.000 min

Lab File: BP015133.D

Acq: 17 May 2023 19:14

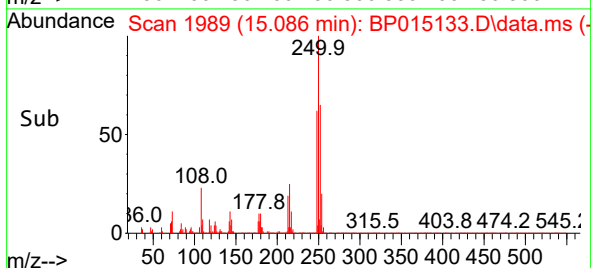
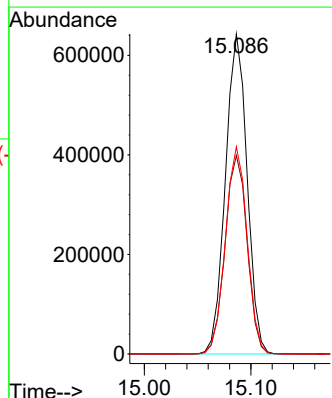
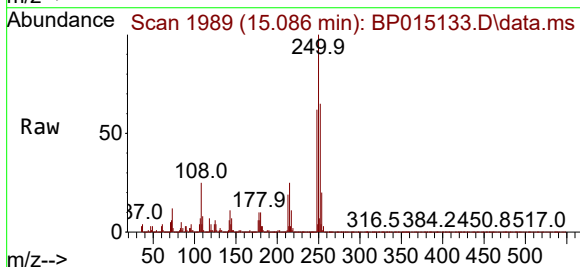
Tgt Ion:250 Resp: 906781

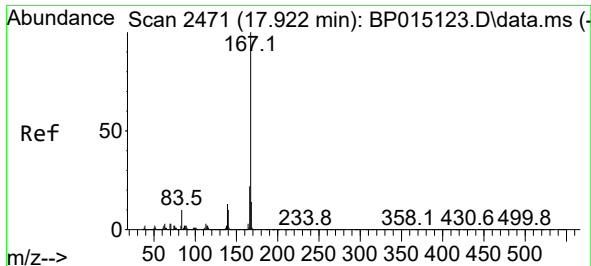
Ion Ratio Lower Upper

250 100

248 62.1 49.8 74.6

252 64.8 51.6 77.4

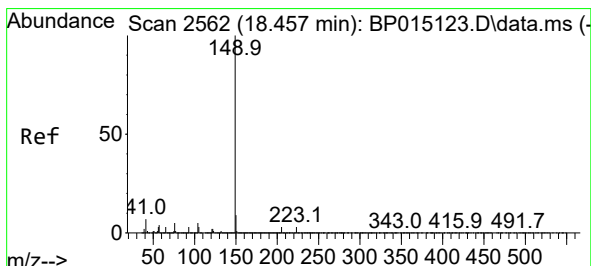
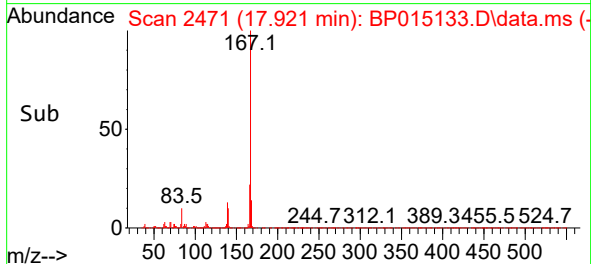
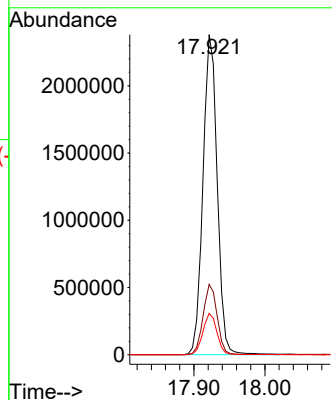
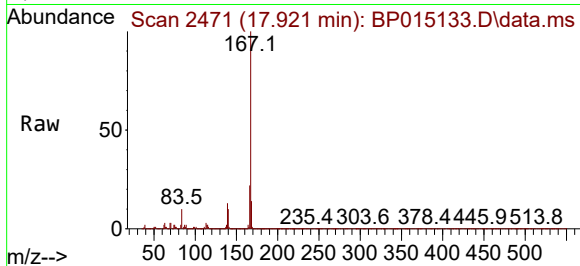




#77
 Carbazole
 Concen: 33.237 ng/ul
 RT: 17.921 min Scan# 2471
 Delta R.T. -0.000 min
 Lab File: BP015133.D
 Acq: 17 May 2023 19:14

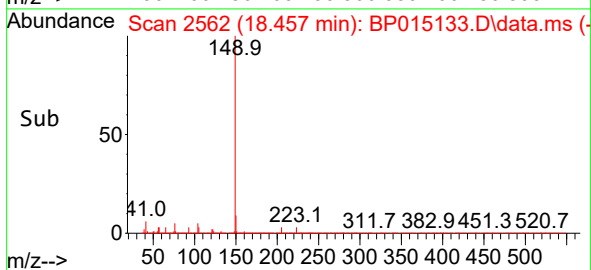
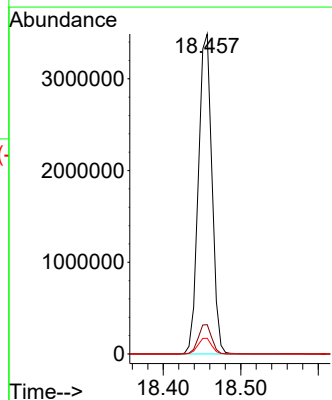
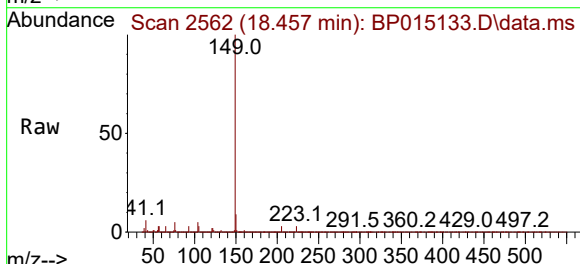
Instrument :
 BNA_P
 ClientSampleId :
 SLCS822

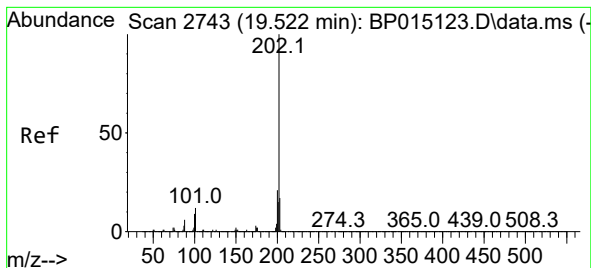
Tgt Ion:167 Resp: 3324537
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.2
 139 12.9 10.2 15.4



#78
 Di-n-butylphthalate
 Concen: 32.744 ng/ul
 RT: 18.457 min Scan# 2562
 Delta R.T. -0.000 min
 Lab File: BP015133.D
 Acq: 17 May 2023 19:14

Tgt Ion:149 Resp: 4217818
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 4.9 3.9 5.9





#80

Fluoranthene

Concen: 34.336 ng/ul

RT: 19.515 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP015133.D

Acq: 17 May 2023 19:14

Instrument :

BNA_P

ClientSampleId :

SLCS822

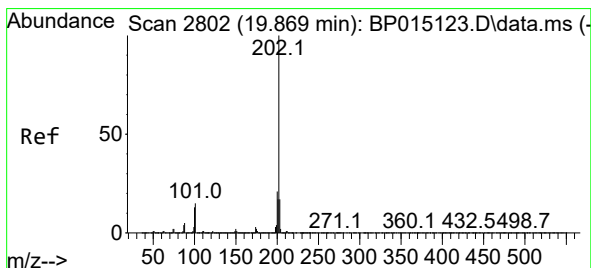
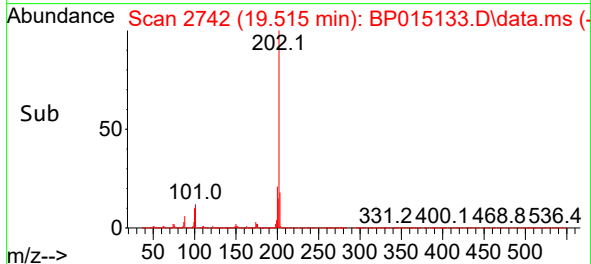
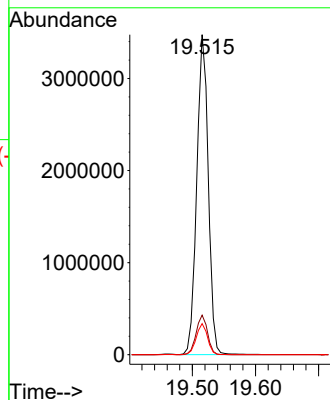
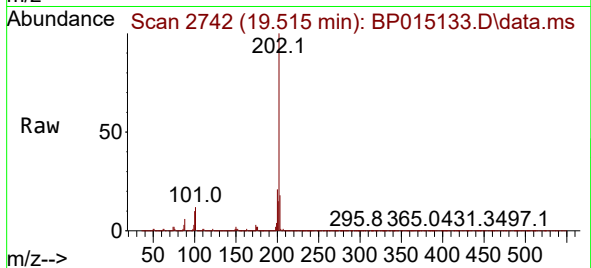
Tgt Ion:202 Resp: 4387576

Ion Ratio Lower Upper

202 100

101 12.4 9.5 14.3

100 9.7 7.3 10.9



#82

Pyrene

Concen: 34.409 ng/ul

RT: 19.868 min Scan# 2802

Delta R.T. -0.000 min

Lab File: BP015133.D

Acq: 17 May 2023 19:14

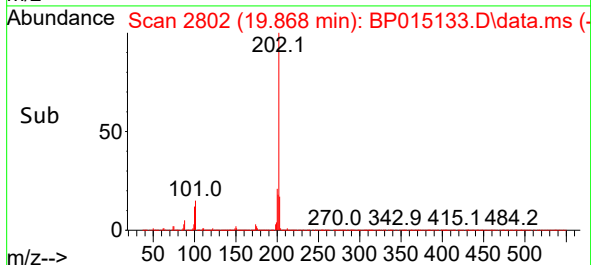
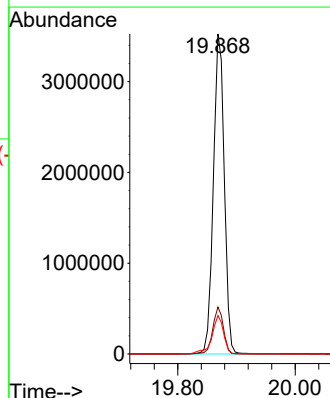
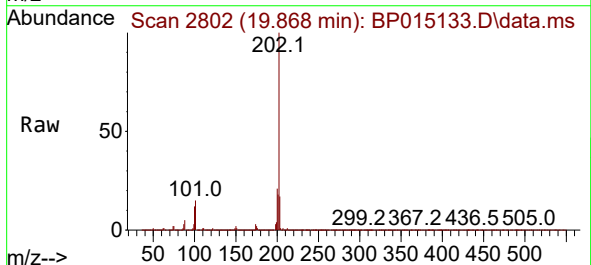
Tgt Ion:202 Resp: 4540611

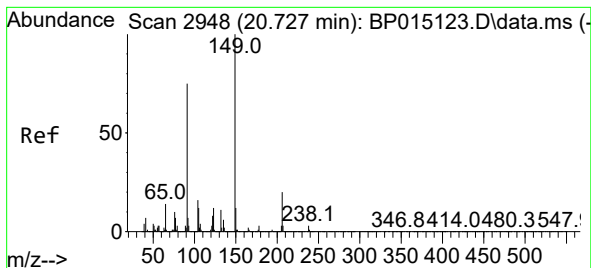
Ion Ratio Lower Upper

202 100

101 14.7 11.2 16.8

100 12.0 9.0 13.6





#83

Butylbenzylphthalate

Concen: 32.482 ng/ul

RT: 20.721 min Scan# 2948

Delta R.T. -0.000 min

Lab File: BP015133.D

Acq: 17 May 2023 19:14

Instrument :

BNA_P

ClientSampleId :

SLCS822

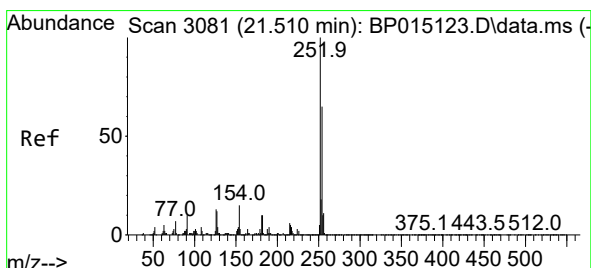
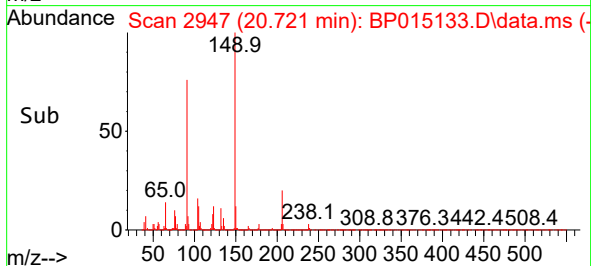
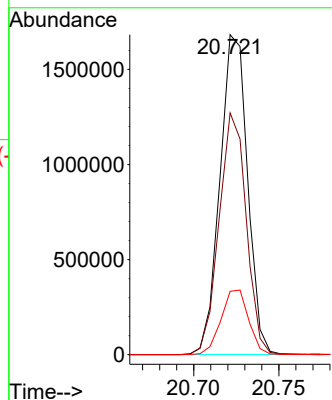
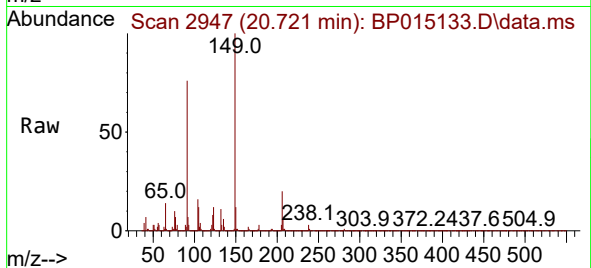
Tgt Ion:149 Resp: 1900208

Ion Ratio Lower Upper

149 100

91 75.5 57.4 86.2

206 19.8 16.6 25.0



#84

3,3'-Dichlorobenzidine

Concen: 34.601 ng/ul

RT: 21.510 min Scan# 3081

Delta R.T. -0.000 min

Lab File: BP015133.D

Acq: 17 May 2023 19:14

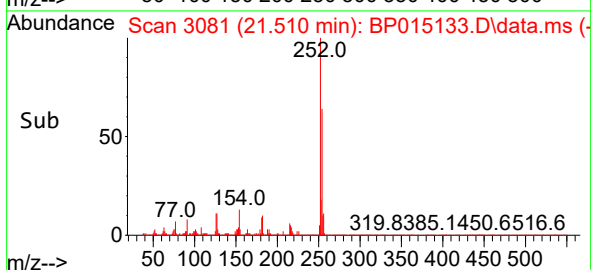
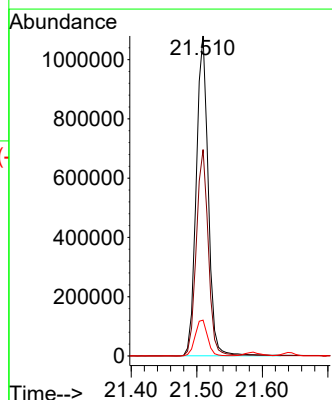
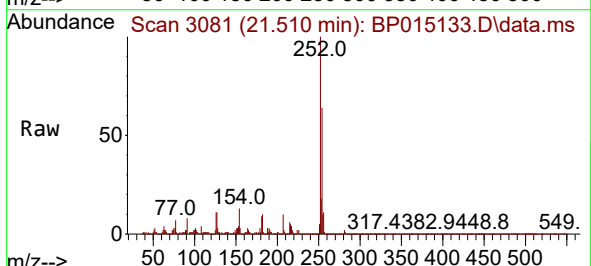
Tgt Ion:252 Resp: 1373691

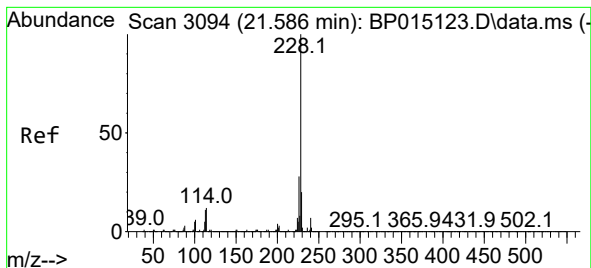
Ion Ratio Lower Upper

252 100

254 64.5 50.8 76.2

126 11.2 9.8 14.8





#85

Benzo(a)anthracene

Concen: 32.799 ng/ul

RT: 21.586 min Scan# 3094

Delta R.T. -0.000 min

Lab File: BP015133.D

Acq: 17 May 2023 19:14

Instrument :

BNA_P

ClientSampleId :

SLCS822

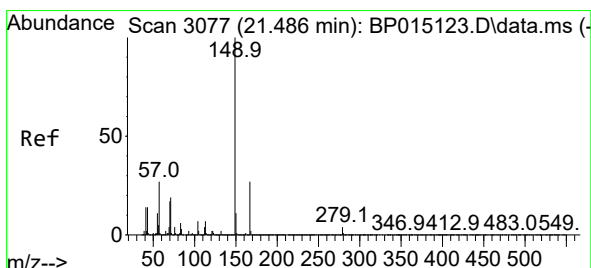
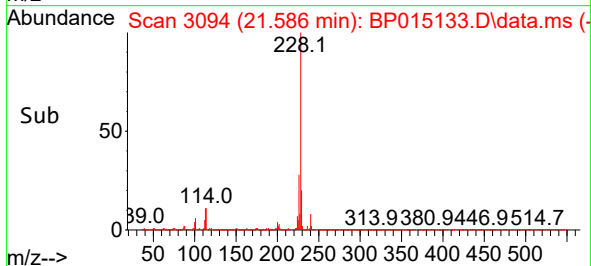
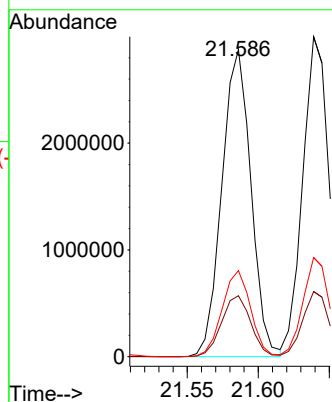
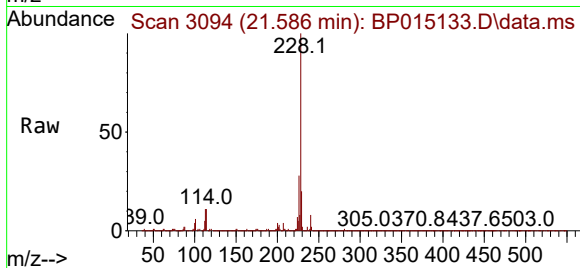
Tgt Ion:228 Resp: 4099492

Ion Ratio Lower Upper

228 100

229 19.9 16.1 24.1

226 28.0 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 32.153 ng/ul

RT: 21.480 min Scan# 3076

Delta R.T. -0.000 min

Lab File: BP015133.D

Acq: 17 May 2023 19:14

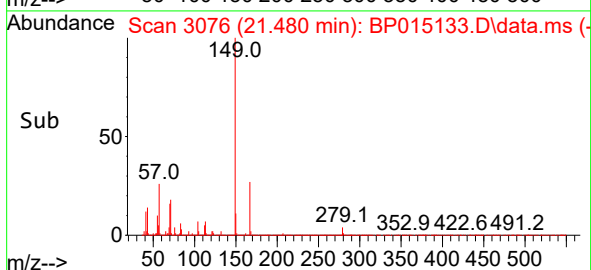
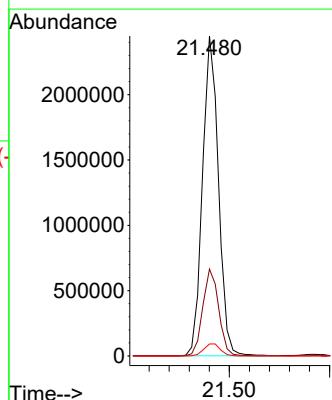
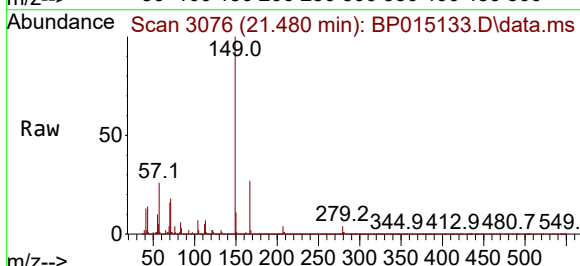
Tgt Ion:149 Resp: 2707946

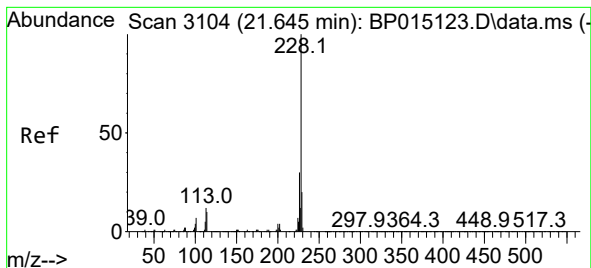
Ion Ratio Lower Upper

149 100

167 27.1 21.8 32.6

279 3.8 3.2 4.8





#87

Chrysene

Concen: 32.548 ng/ul

RT: 21.639 min Scan# 3103

Delta R.T. -0.000 min

Lab File: BP015133.D

Acq: 17 May 2023 19:14

Instrument :

BNA_P

ClientSampleId :

SLCS822

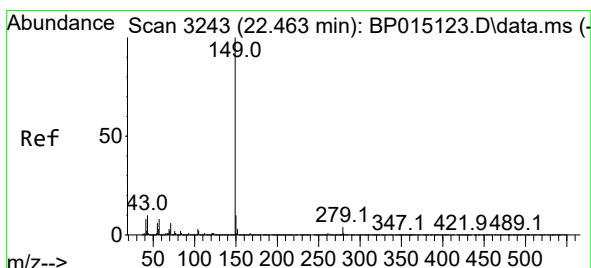
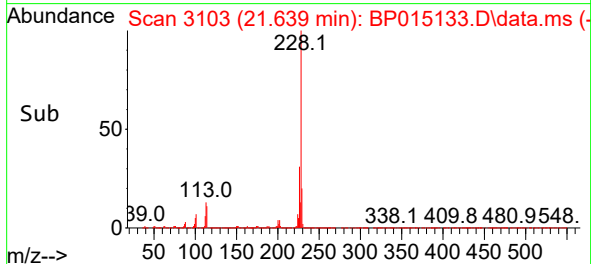
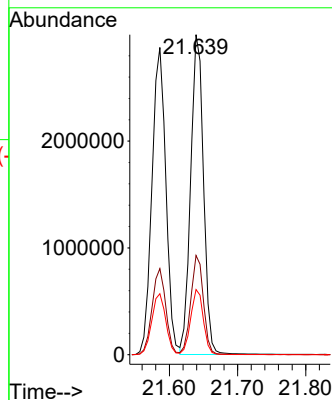
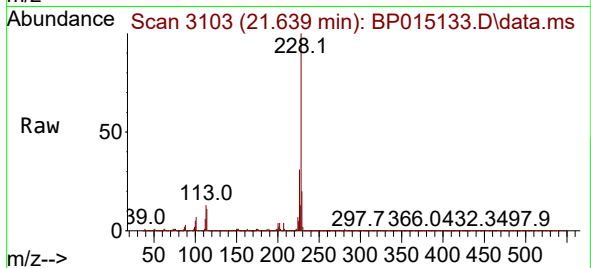
Tgt Ion:228 Resp: 3888954

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

229 20.4 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 37.765 ng/ul

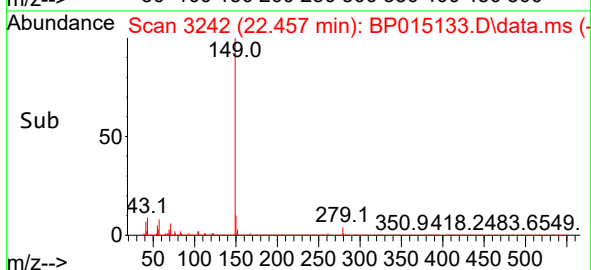
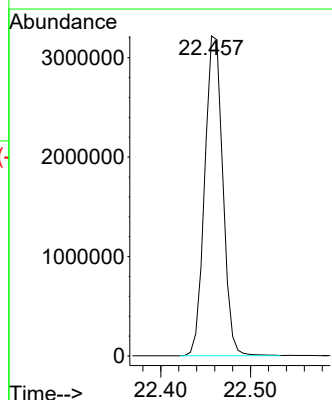
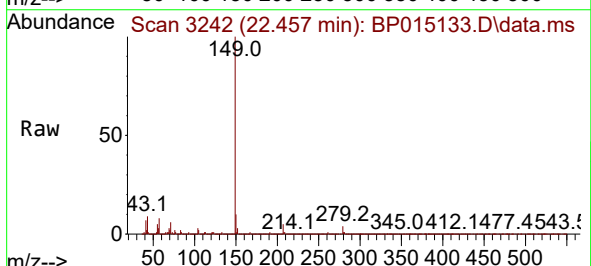
RT: 22.457 min Scan# 3242

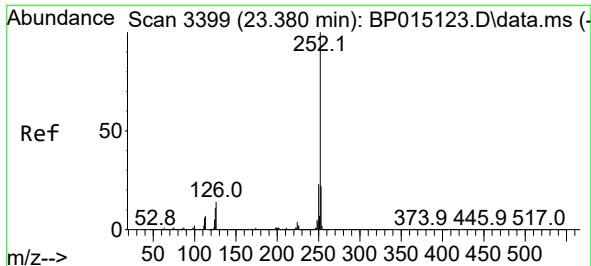
Delta R.T. -0.000 min

Lab File: BP015133.D

Acq: 17 May 2023 19:14

Tgt Ion:149 Resp: 4509727

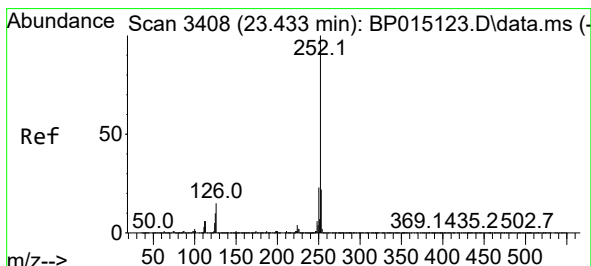
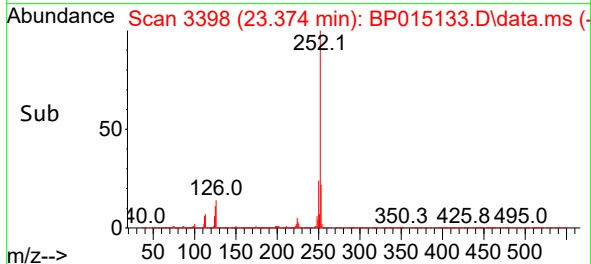
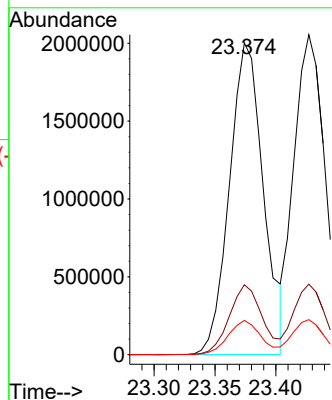
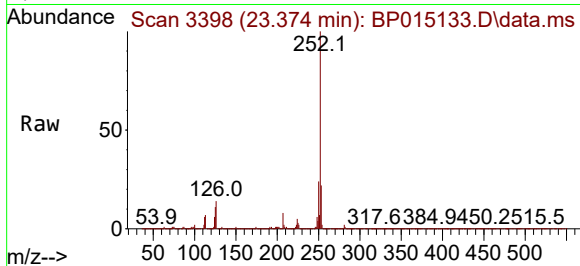




#90
Benzo(b)fluoranthene
Concen: 35.072 ng/ul
RT: 23.374 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP015133.D
Acq: 17 May 2023 19:14

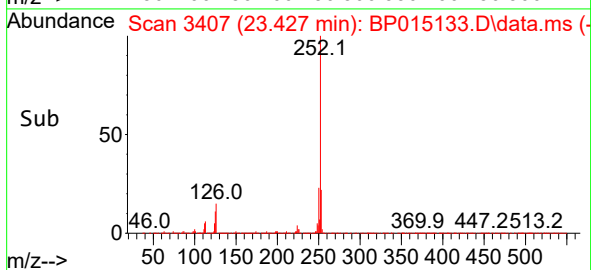
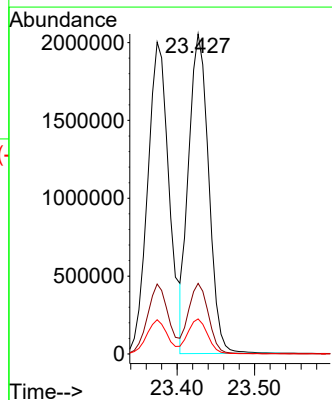
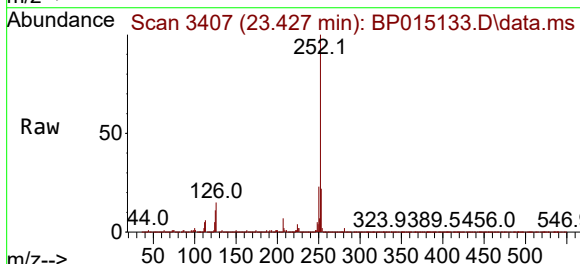
Instrument :
BNA_P
ClientSampleId :
SLCS822

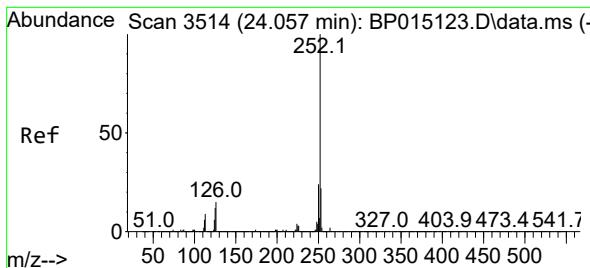
Tgt Ion:252 Resp: 3876740
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 11.0 8.3 12.5



#91
Benzo(k)fluoranthene
Concen: 34.684 ng/ul
RT: 23.427 min Scan# 3407
Delta R.T. -0.000 min
Lab File: BP015133.D
Acq: 17 May 2023 19:14

Tgt Ion:252 Resp: 3681327
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.9 8.5 12.7





#93

Benzo(a)pyrene

Concen: 32.783 ng/ul

RT: 24.056 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP015133.D

Acq: 17 May 2023 19:14

Instrument :

BNA_P

ClientSampleId :

SLCS822

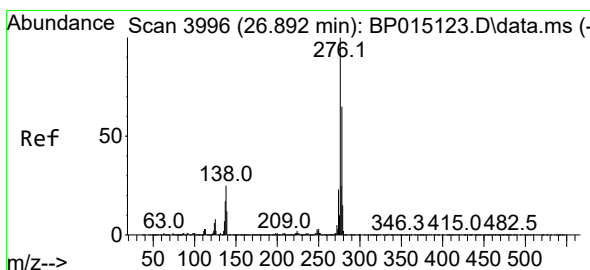
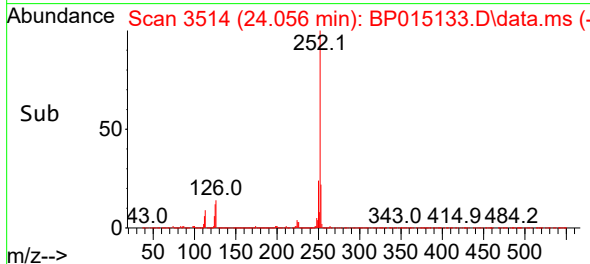
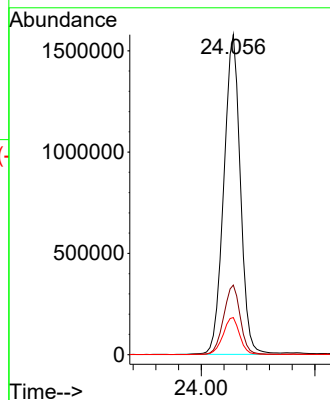
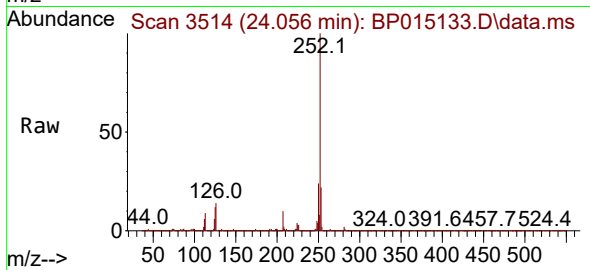
Tgt Ion:252 Resp: 3202961

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 11.6 9.1 13.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 28.266 ng/ul

RT: 26.886 min Scan# 3995

Delta R.T. -0.000 min

Lab File: BP015133.D

Acq: 17 May 2023 19:14

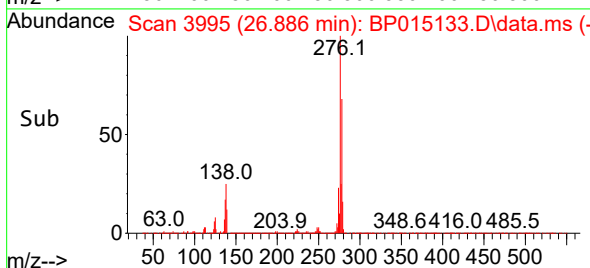
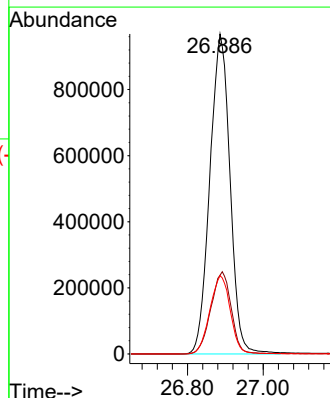
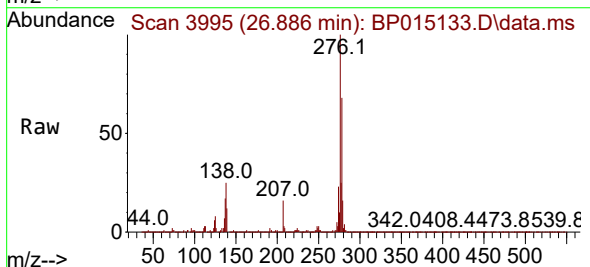
Tgt Ion:276 Resp: 3575761

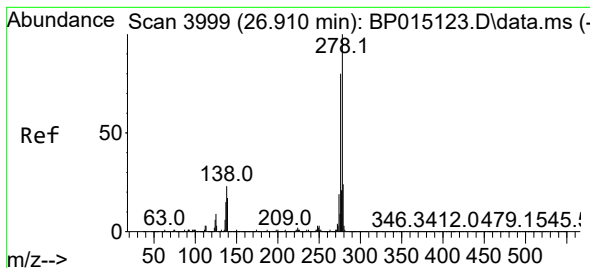
Ion Ratio Lower Upper

276 100

138 24.6 20.1 30.1

277 24.5 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 28.515 ng/ul

RT: 26.903 min Scan# 3999

Delta R.T. -0.000 min

Lab File: BP015133.D

Acq: 17 May 2023 19:14

Instrument :

BNA_P

ClientSampleId :

SLCS822

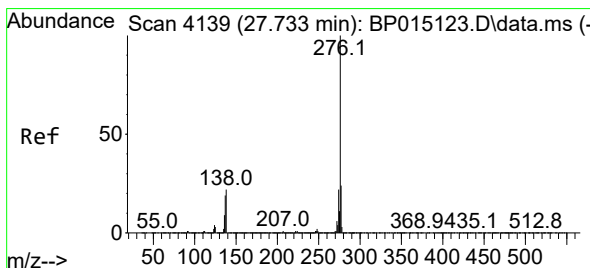
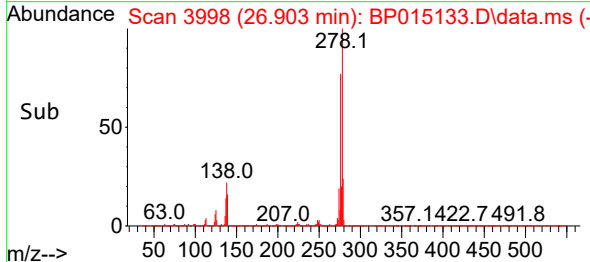
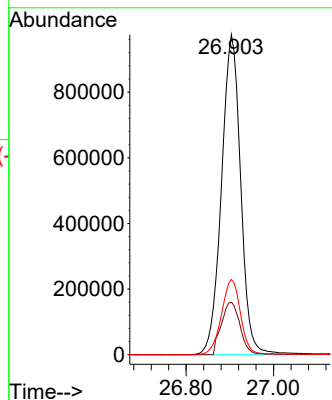
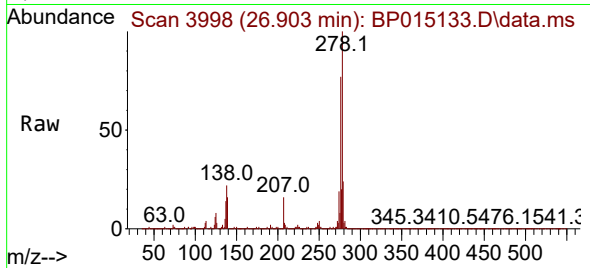
Tgt Ion:278 Resp: 2961214

Ion Ratio Lower Upper

278 100

139 16.4 13.3 19.9

279 23.5 19.1 28.7



#96

Benzo(g,h,i)perylene

Concen: 27.477 ng/ul

RT: 27.721 min Scan# 4137

Delta R.T. -0.000 min

Lab File: BP015133.D

Acq: 17 May 2023 19:14

Tgt Ion:276 Resp: 2834509

Ion Ratio Lower Upper

276 100

138 22.1 17.7 26.5

277 23.4 18.8 28.2

