

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051623\
 Data File : BP051623.D
 Acq On : 16 May 2023 23:04
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020713

Quant Time: May 17 00:38:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 16 01:39:21 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	349104	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.963	136	1690997	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.769	164	1063945	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.528	188	2305007	20.000	ng/u1	0.00
79) Chrysene-d12	21.604	240	2033783	20.000	ng/u1	0.00
88) Perylene-d12	24.169	264	2125724	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	79913	8.894	ng/uL	0.00
4) Pyridine-d5	3.870	84	585086	22.973	ng/u1	0.00
7) Phenol-d5	7.275	99	685804	21.158	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.452	67	408219	21.806	ng/u1	0.00
11) 2-Chlorophenol-d4	7.658	132	509820	21.392	ng/u1	0.00
15) 4-Methylphenol-d8	8.846	113	597735	23.143	ng/u1	0.00
21) Nitrobenzene-d5	9.305	128	286725	21.578	ng/u1	-0.01
24) 2-Nitrophenol-d4	10.034	143	313653	21.214	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.575	165	582230	21.823	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.099	131	871318	22.073	ng/u1	0.00
46) Dimethylphthalate-d6	14.175	166	1737863	21.616	ng/u1	0.00
49) Acenaphthylene-d8	14.463	160	2045957	22.250	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.963	143	339063	21.719	ng/u1	0.00
60) Fluorene-d10	15.763	176	1493726	22.018	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	291888	20.094	ng/u1	0.00
73) Anthracene-d10	17.622	188	2304680	21.835	ng/u1	-0.01
81) Pyrene-d10	19.845	212	2485828	21.074	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.004	264	2212379	20.966	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.470	88	84596	8.762	ng/uL	95
5) Pyridine	3.893	79	610707	23.056	ng/u1	99
6) Benzaldehyde	7.258	77	182587	20.494	ng/u1	98
8) Phenol	7.305	94	722585	21.740	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.546	93	582823	21.917	ng/u1	99
12) 2-Chlorophenol	7.687	128	547880	21.734	ng/u1	98
13) 2-Methylphenol	8.575	108	556982	21.682	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.658	45	761705	22.863	ng/u1	99
16) Acetophenone	8.964	105	991163	24.588	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.946	70	506252	23.946	ng/u1	97
18) 4-Methylphenol	8.905	108	665188	23.526	ng/u1	98
19) Hexachloroethane	9.222	117	237842	23.108	ng/u1	99
22) Nitrobenzene	9.352	77	736154	22.431	ng/u1	99
23) Isophorone	9.881	82	1459539	21.637	ng/u1	100
25) 2-Nitrophenol	10.069	139	352368	21.734	ng/u1	97
26) 2,4-Dimethylphenol	10.122	107	723104	22.350	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.358	93	910022	22.172	ng/u1	98
29) 2,4-Dichlorophenol	10.605	162	592627	21.991	ng/u1	99
30) Naphthalene	11.010	128	2019458	21.966	ng/u1	100
32) 4-Chloroaniline	11.122	127	914431	22.539	ng/u1	99
33) Hexachlorobutadiene	11.293	225	346561	21.337	ng/u1	98
34) Caprolactam	11.899	113	127959	12.594	ng/u1	87
35) 4-Chloro-3-methylphenol	12.234	107	675989	22.215	ng/u1	100
36) 2-Methylnaphthalene	12.610	142	1369621	22.111	ng/u1	99

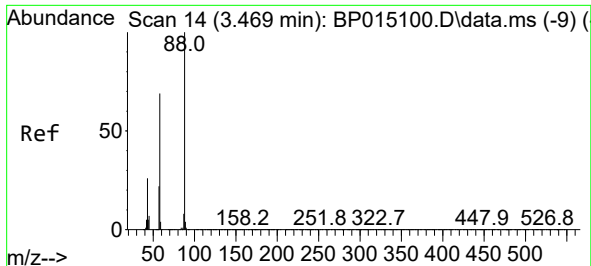
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051623\
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.828	142	1374674	22.099	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.969	216	705479	22.171	ng/ul	97
40) Hexachlorocyclopentadiene	12.952	237	395524	19.185	ng/ul	99
41) 2,4,6-Trichlorophenol	13.210	196	478905	21.314	ng/ul	97
42) 2,4,5-Trichlorophenol	13.281	196	527890	21.668	ng/ul	99
43) 1,1'-Biphenyl	13.610	154	1849393	22.404	ng/ul	99
44) 2-Chloronaphthalene	13.652	162	1444027	22.400	ng/ul	100
45) 2-Nitroaniline	13.857	65	426895	23.144	ng/ul	96
47) Dimethylphthalate	14.222	163	1821044	21.749	ng/ul	100
48) 2,6-Dinitrotoluene	14.346	165	366707	22.107	ng/ul	98
50) Acenaphthylene	14.493	152	2296735	22.386	ng/ul	99
51) 3-Nitroaniline	14.675	138	287390	19.240	ng/ul	97
52) Acenaphthene	14.834	153	1575428	22.483	ng/ul	99
53) 2,4-Dinitrophenol	14.881	184	194229	17.635	ng/ul	94
55) 4-Nitrophenol	14.975	109	258202	22.487	ng/ul	99
56) Dibenzofuran	15.169	168	2157343	22.134	ng/ul	99
57) 2,4-Dinitrotoluene	15.128	165	532179	22.171	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.393	232	440703	21.434	ng/ul	99
59) Diethylphthalate	15.581	149	1801035	21.567	ng/ul	99
61) Fluorene	15.816	166	1743629	22.261	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.804	204	846087	22.108	ng/ul	99
63) 4-Nitroaniline	15.840	138	259283	20.101	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.893	198	303613	20.252	ng/ul	98
67) N-Nitrosodiphenylamine	16.022	169	1490988	21.999	ng/ul	99
68) 4-Bromophenyl-phenylether	16.704	248	510258	21.492	ng/ul	100
69) Hexachlorobenzene	16.822	284	597762	21.305	ng/ul	97
70) Atrazine	16.975	200	534405	21.332	ng/ul	99
71) Pentachlorophenol	17.169	266	358010	20.399	ng/ul	99
72) Phenanthrene	17.569	178	2767652	22.050	ng/ul	99
74) Anthracene	17.657	178	2820505	22.222	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.575	216	723534	22.139	ng/uL	100
76) Pentachlorobenzene	15.087	250	722329	22.012	ng/uL	99
77) Carbazole	17.922	167	2536136	22.787	ng/ul	100
78) Di-n-butylphthalate	18.457	149	2927044	20.422	ng/ul	100
80) Fluoranthene	19.516	202	3063131	21.306	ng/ul	98
82) Pyrene	19.869	202	3161430	21.294	ng/ul	97
83) Butylbenzylphthalate	20.728	149	1345776	20.447	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.510	252	923813	20.682	ng/ul	98
85) Benzo(a)anthracene	21.586	228	3069482	21.827	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.486	149	1928572	20.353	ng/ul	100
87) Chrysene	21.645	228	2911472	21.658	ng/ul	99
89) Di-n-octyl phthalate	22.463	149	3238629	22.246	ng/ul	100
90) Benzo(b)fluoranthene	23.380	252	2968939	22.031	ng/ul	99
91) Benzo(k)fluoranthene	23.433	252	2960218	22.877	ng/ul	99
93) Benzo(a)pyrene	24.057	252	2565031	21.534	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.886	276	2866515	18.586	ng/ul	100
95) Dibenzo(a,h)anthracene	26.910	278	2415476	19.079	ng/ul	99
96) Benzo(g,h,i)perylene	27.733	276	2219841	17.651	ng/ul	99

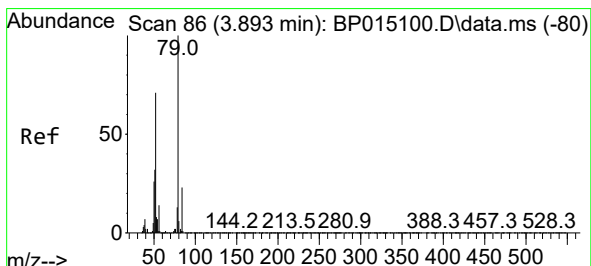
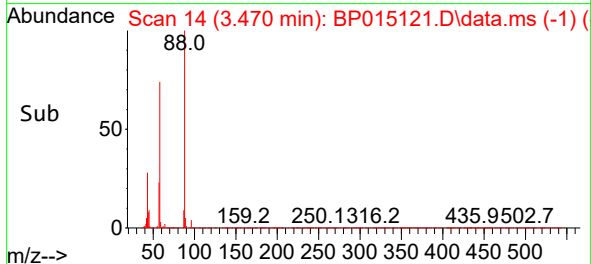
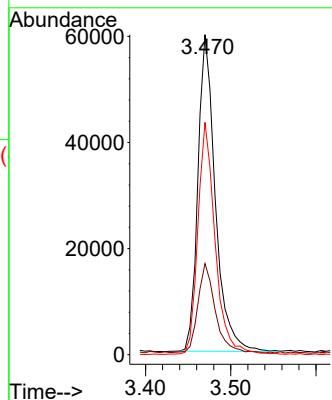
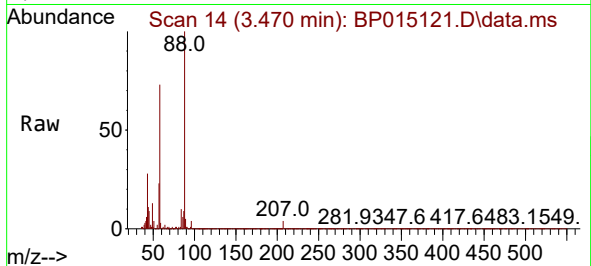
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#2
1,4-Dioxane
Concen: 8.762 ng/uL
RT: 3.470 min Scan# 14
Delta R.T. 0.000 min
Lab File: BP015121.D
Acq: 16 May 2023 23:04

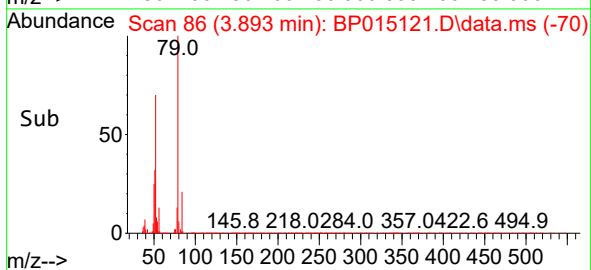
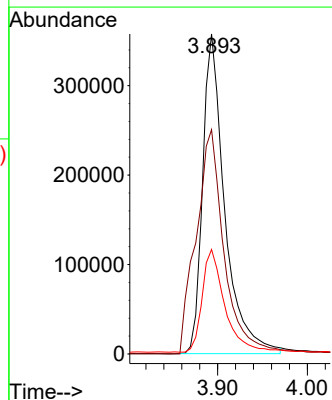
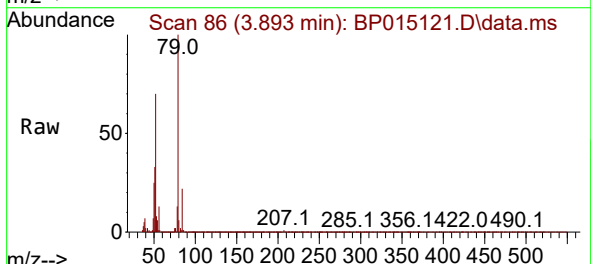
Instrument :
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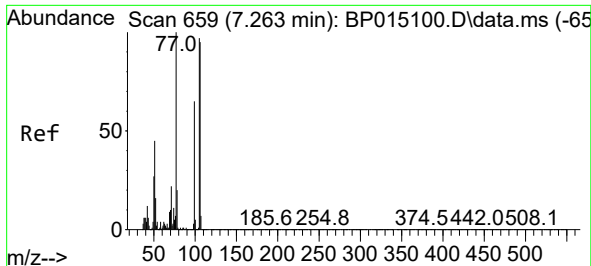
Tgt Ion: 88 Resp: 84596
Ion Ratio Lower Upper
88 100
43 28.4 20.4 30.6
58 72.6 55.4 83.2



#5
Pyridine
Concen: 23.056 ng/uL
RT: 3.893 min Scan# 86
Delta R.T. -0.005 min
Lab File: BP015121.D
Acq: 16 May 2023 23:04

Tgt Ion: 79 Resp: 610707
Ion Ratio Lower Upper
79 100
52 70.1 55.4 83.2
51 32.6 25.4 38.2

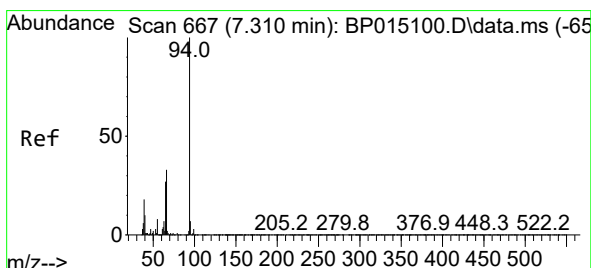
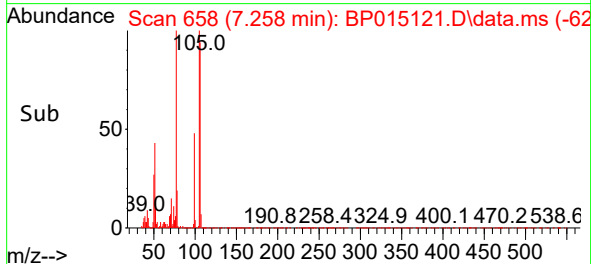
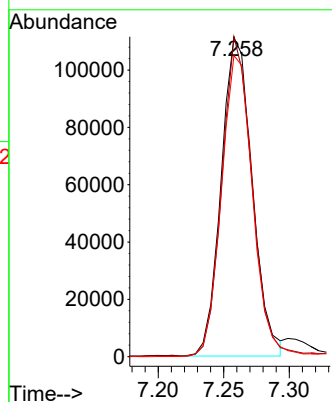
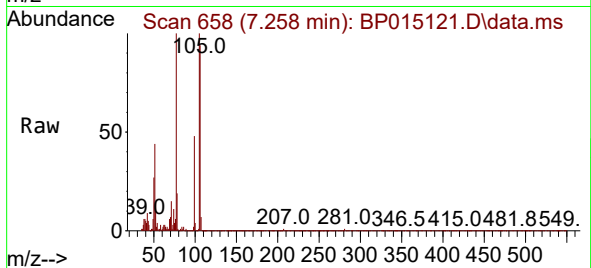




#6
Benzaldehyde
Concen: 20.494 ng/ul
RT: 7.258 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP015121.D
Acq: 16 May 2023 23:04

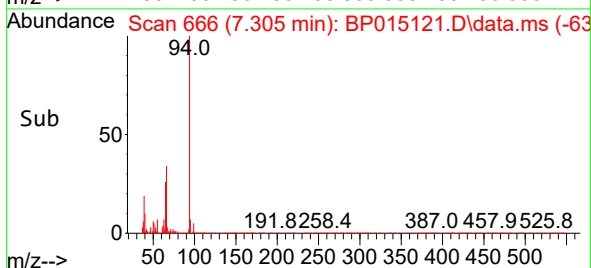
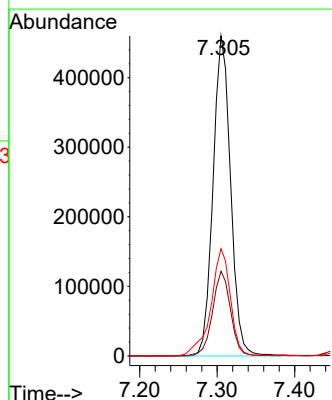
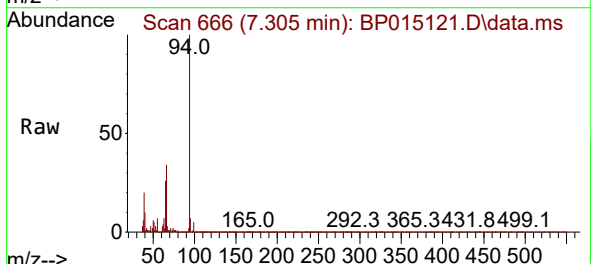
Instrument :
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ClientSampleId :
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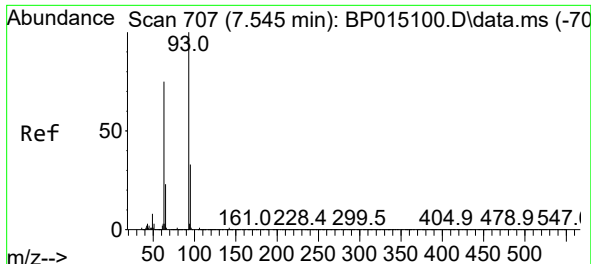
Tgt Ion: 77 Resp: 182587
Ion Ratio Lower Upper
77 100
105 100.2 76.9 115.3
106 94.3 75.0 112.6



#8
Phenol
Concen: 21.740 ng/ul
RT: 7.305 min Scan# 666
Delta R.T. -0.011 min
Lab File: BP015121.D
Acq: 16 May 2023 23:04

Tgt Ion: 94 Resp: 722585
Ion Ratio Lower Upper
94 100
65 26.5 20.6 31.0
66 33.5 26.1 39.1



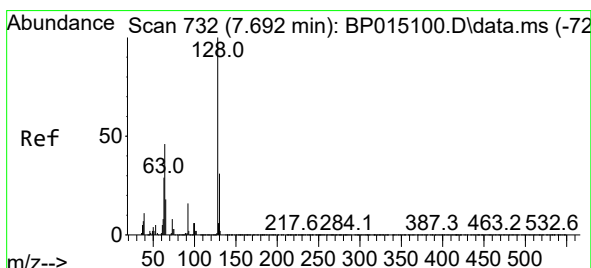
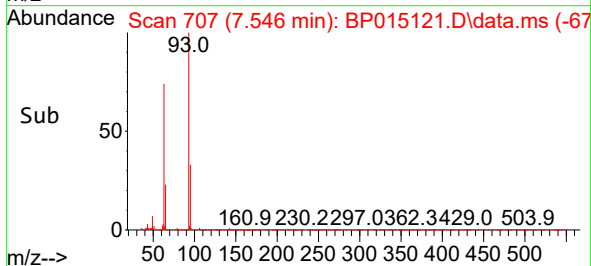
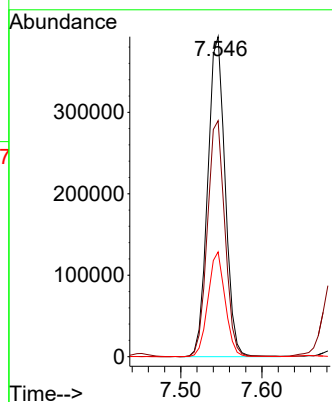
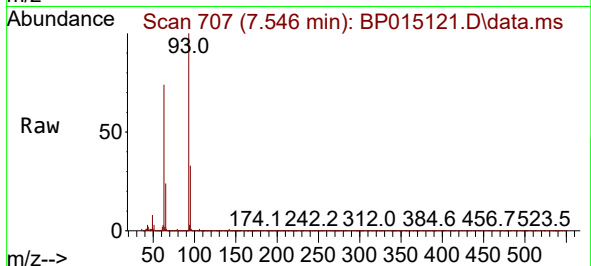


#10
 Bis(2-Chloroethyl)ether
 Concen: 21.917 ng/ul
 RT: 7.546 min Scan# 707
 Delta R.T. -0.005 min
 Lab File: BP015121.D
 Acq: 16 May 2023 23:04

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020713

Tgt Ion: 93 Resp: 582823

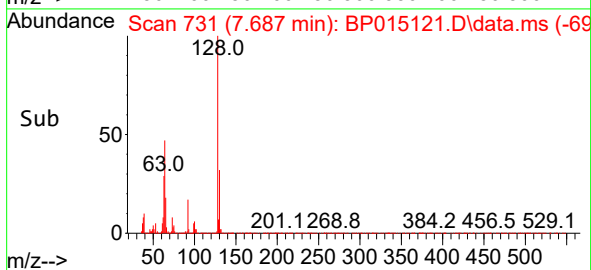
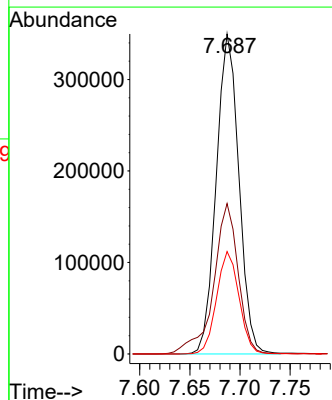
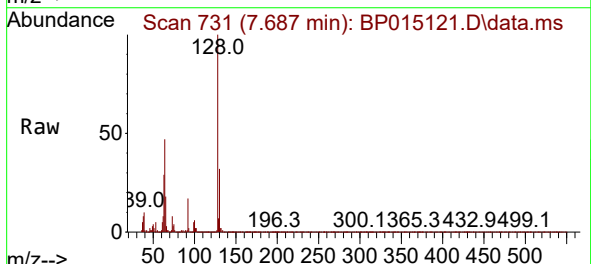
Ion	Ratio	Lower	Upper
93	100		
63	73.8	58.0	87.0
95	32.7	26.4	39.6

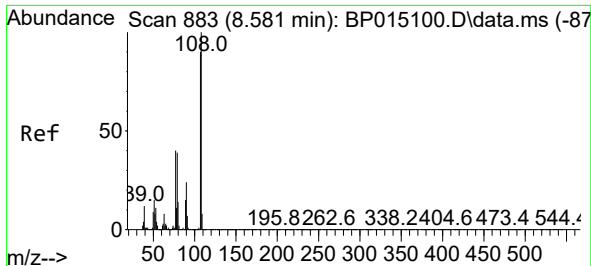


#12
 2-Chlorophenol
 Concen: 21.734 ng/ul
 RT: 7.687 min Scan# 731
 Delta R.T. -0.005 min
 Lab File: BP015121.D
 Acq: 16 May 2023 23:04

Tgt Ion: 128 Resp: 547880

Ion	Ratio	Lower	Upper
128	100		
64	47.0	36.2	54.2
130	32.0	26.3	39.5





#13

2-Methylphenol

Concen: 21.682 ng/ul

RT: 8.575 min Scan# 883

Delta R.T. -0.005 min

Lab File: BP015121.D

Acq: 16 May 2023 23:04

Instrument :

BNA_P

ClientSampleId :

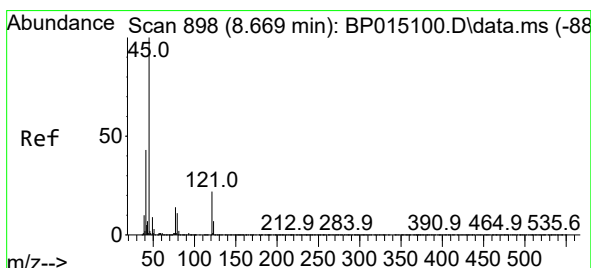
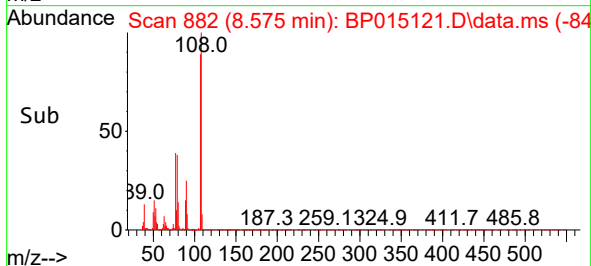
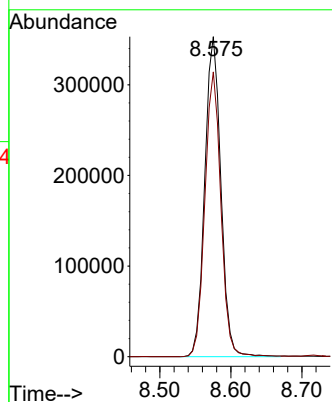
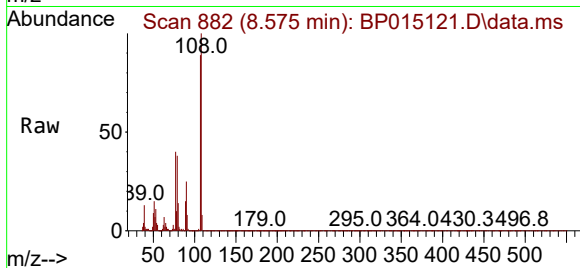
SSTD020713

Tgt Ion:108 Resp: 556982

Ion Ratio Lower Upper

108 100

107 89.0 71.8 107.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 22.863 ng/ul

RT: 8.658 min Scan# 896

Delta R.T. -0.011 min

Lab File: BP015121.D

Acq: 16 May 2023 23:04

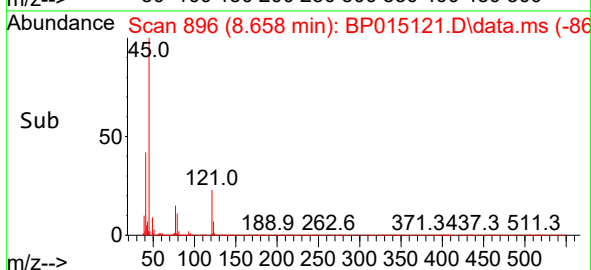
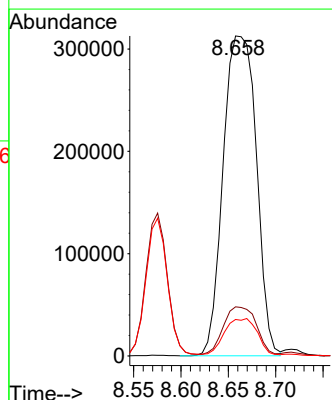
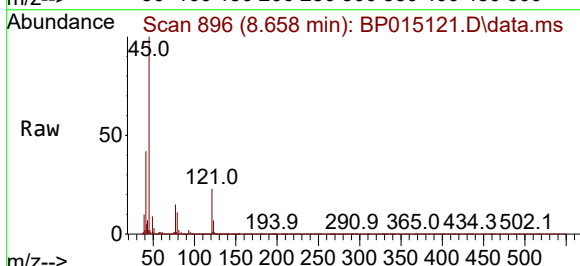
Tgt Ion: 45 Resp: 761705

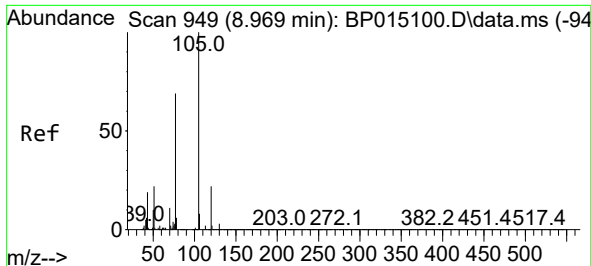
Ion Ratio Lower Upper

45 100

77 15.4 12.8 19.2

79 11.4 9.5 14.3

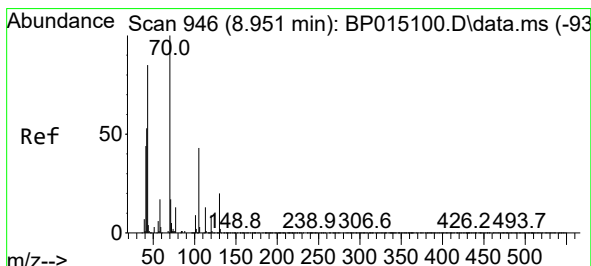
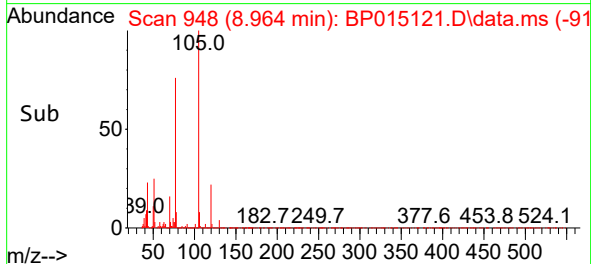
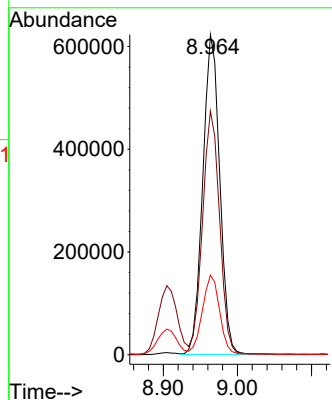
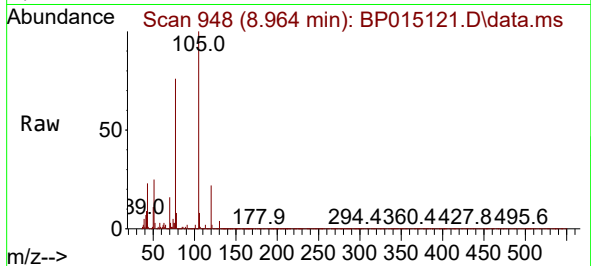




#16
Acetophenone
Concen: 24.588 ng/ul
RT: 8.964 min Scan# 94
Delta R.T. -0.005 min
Lab File: BP015121.D
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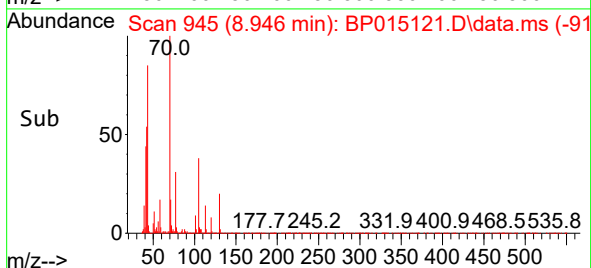
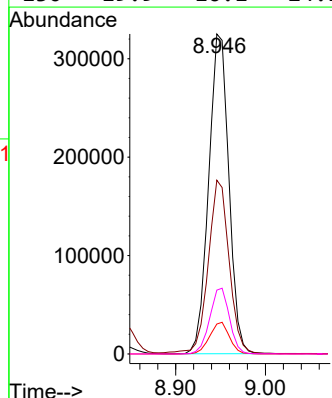
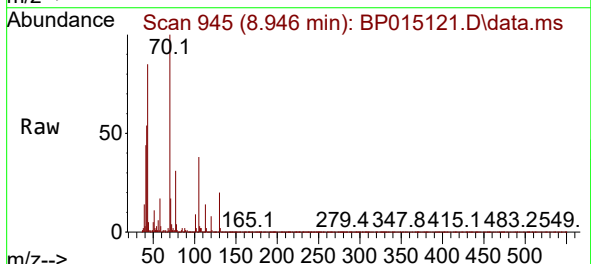
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ClientSampleId :
SSTD020713

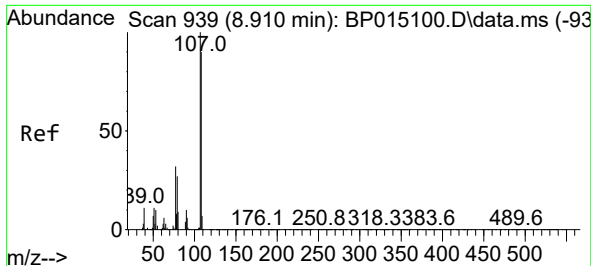
Tgt Ion:105 Resp: 991163
Ion Ratio Lower Upper
105 100
77 76.1 59.4 89.2
51 24.8 19.2 28.8



#17
N-Nitroso-di-n-propylamine
Concen: 23.946 ng/ul
RT: 8.946 min Scan# 945
Delta R.T. -0.005 min
Lab File: BP015121.D
Acq: 16 May 2023 23:04

Tgt Ion: 70 Resp: 506252
Ion Ratio Lower Upper
70 100
42 54.3 41.0 61.6
101 9.3 7.9 11.9
130 19.9 16.1 24.1





#18

4-Methylphenol

Concen: 23.526 ng/ul

RT: 8.905 min Scan# 91

Delta R.T. -0.011 min

Lab File: BP015121.D

Acq: 16 May 2023 23:04

Instrument :

BNA_P

ClientSampleId :

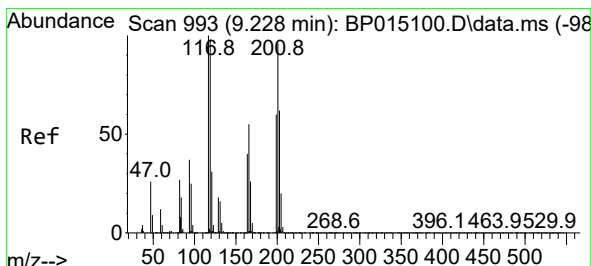
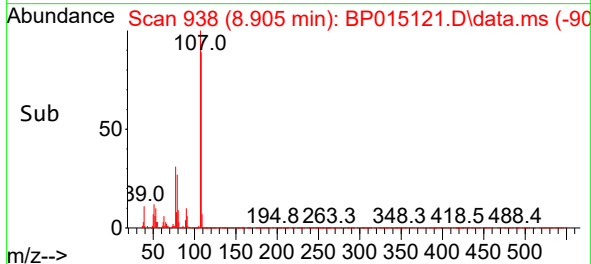
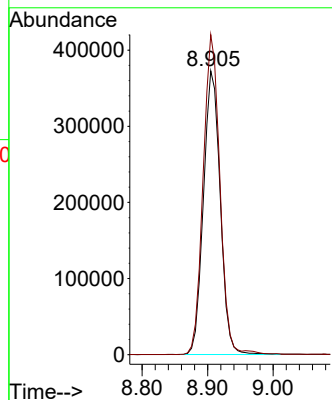
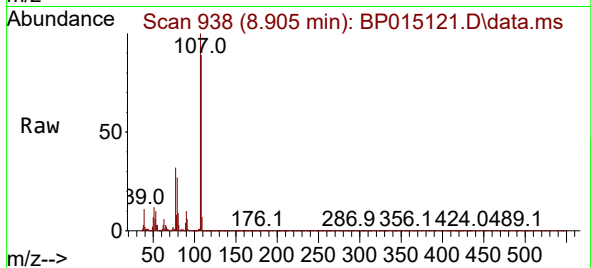
SSTD020713

Tgt Ion:108 Resp: 665188

Ion Ratio Lower Upper

108 100

107 112.7 88.5 132.7



#19

Hexachloroethane

Concen: 23.108 ng/ul

RT: 9.222 min Scan# 992

Delta R.T. -0.011 min

Lab File: BP015121.D

Acq: 16 May 2023 23:04

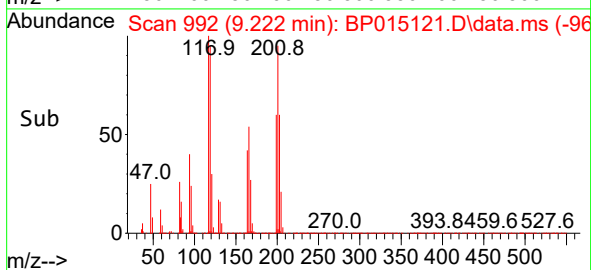
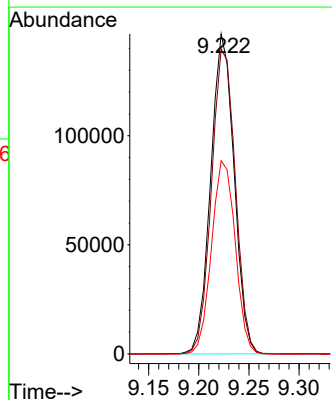
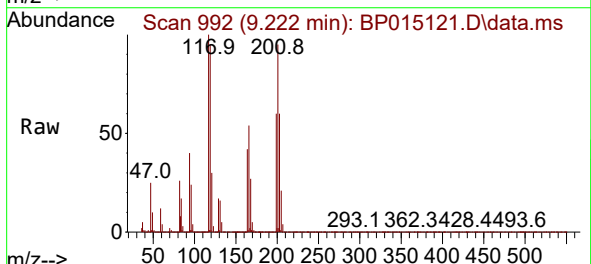
Tgt Ion:117 Resp: 237842

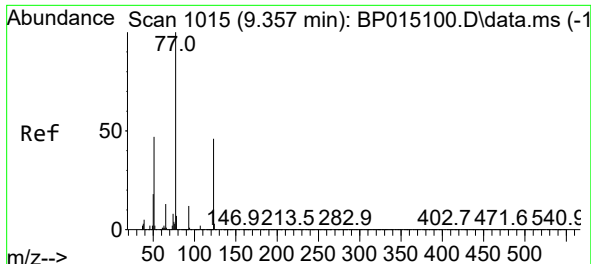
Ion Ratio Lower Upper

117 100

201 95.3 75.8 113.8

199 60.4 46.5 69.7

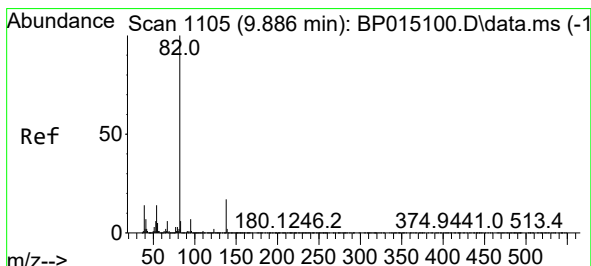
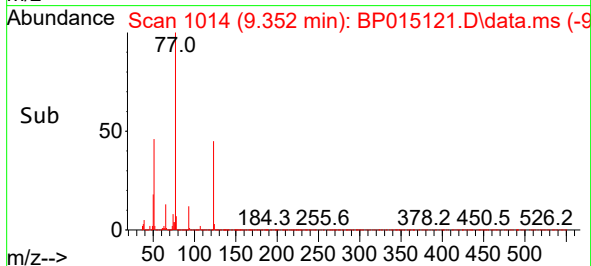
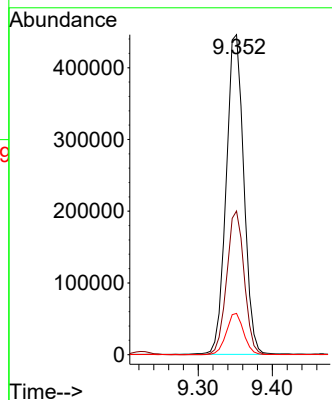
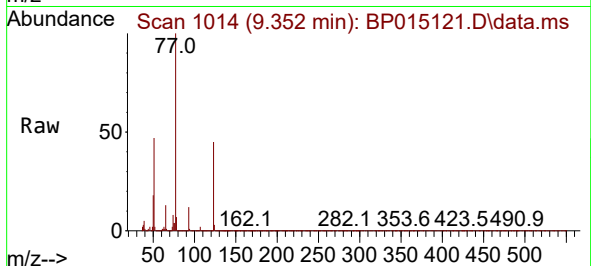




#22
Nitrobenzene
Concen: 22.431 ng/ul
RT: 9.352 min Scan# 1015
Delta R.T. -0.005 min
Lab File: BP015121.D
Acq: 16 May 2023 23:04

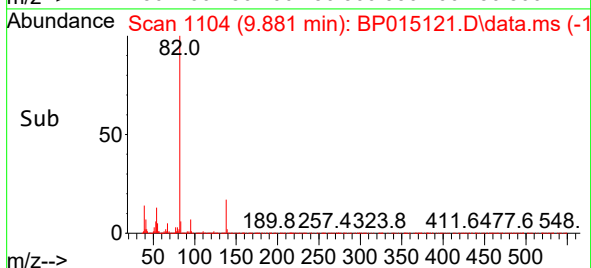
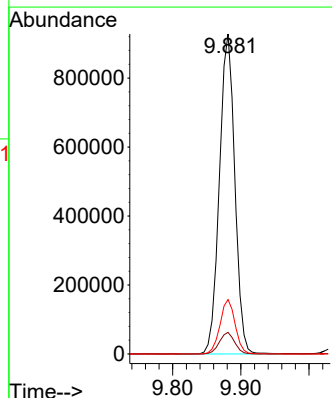
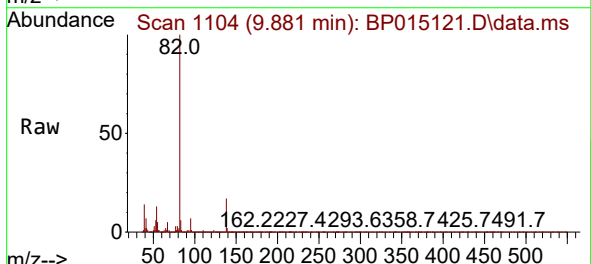
Instrument :
BNA_P
ClientSampleId :
SSTD020713

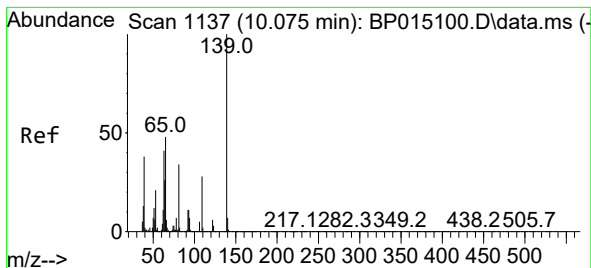
Tgt Ion: 77 Resp: 736154
Ion Ratio Lower Upper
77 100
123 44.9 36.2 54.2
65 12.9 10.1 15.1



#23
Isophorone
Concen: 21.637 ng/ul
RT: 9.881 min Scan# 1104
Delta R.T. -0.005 min
Lab File: BP015121.D
Acq: 16 May 2023 23:04

Tgt Ion: 82 Resp: 1459539
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 17.0 13.6 20.4

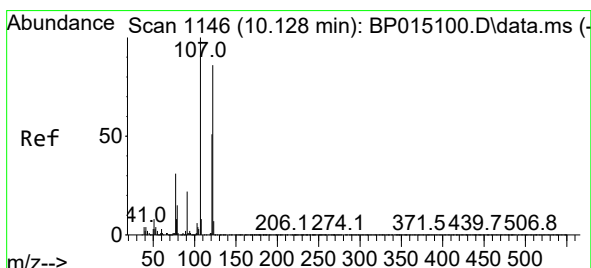
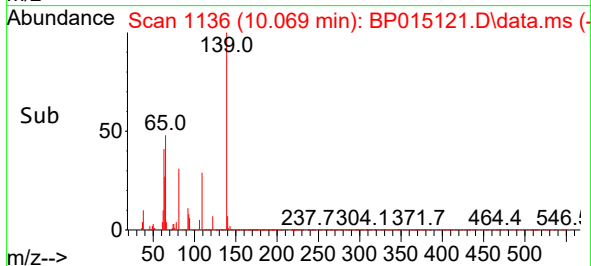
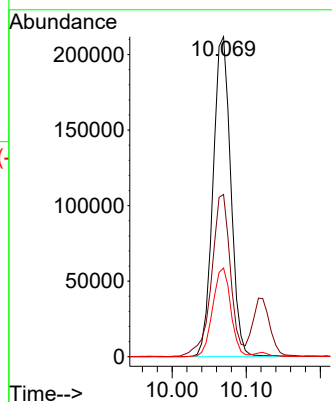
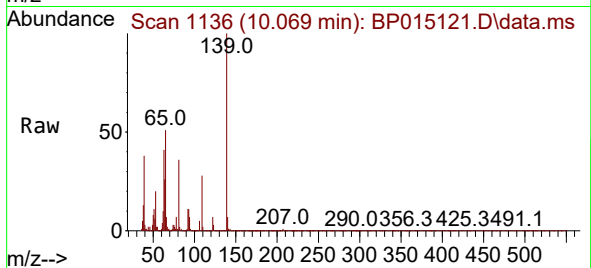




#25
2-Nitrophenol
Concen: 21.734 ng/ul
RT: 10.069 min Scan# 1136
Delta R.T. -0.005 min
Lab File: BP015121.D
Acq: 16 May 2023 23:04

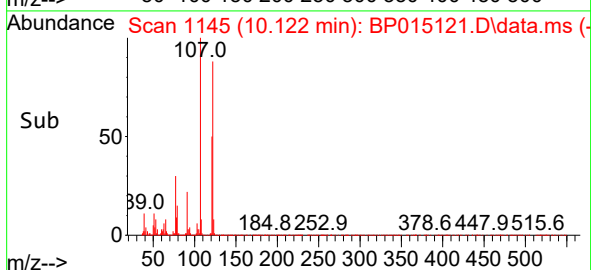
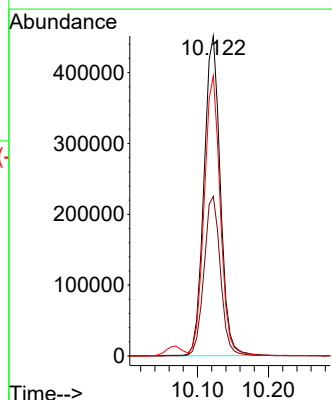
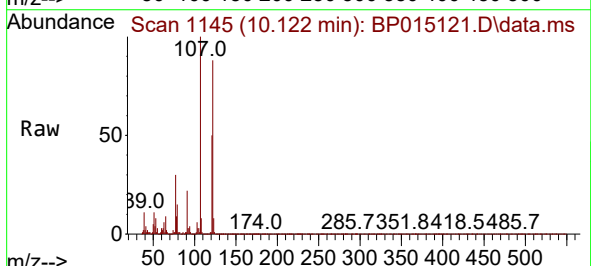
Instrument :
BNA_P
ClientSampleId :
SSTD020713

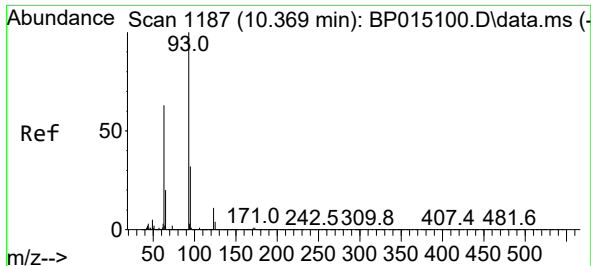
Tgt Ion:139 Resp: 352368
Ion Ratio Lower Upper
139 100
65 50.7 38.4 57.6
109 27.7 22.2 33.2



#26
2,4-Dimethylphenol
Concen: 22.350 ng/ul
RT: 10.122 min Scan# 1145
Delta R.T. -0.005 min
Lab File: BP015121.D
Acq: 16 May 2023 23:04

Tgt Ion:107 Resp: 723104
Ion Ratio Lower Upper
107 100
121 49.8 41.0 61.6
122 87.6 69.5 104.3





#27

Bis(2-Chloroethoxy)methane

Concen: 22.172 ng/ul

RT: 10.358 min Scan# 1185

Delta R.T. -0.011 min

Lab File: BP015121.D

Acq: 16 May 2023 23:04

Instrument :

BNA_P

ClientSampleId :

SSTD020713

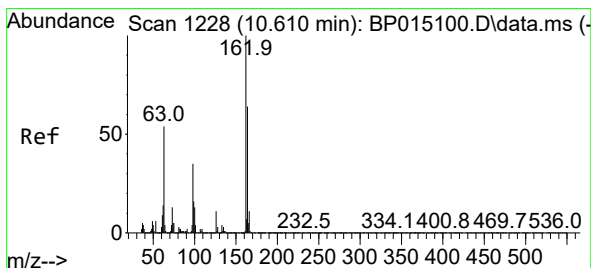
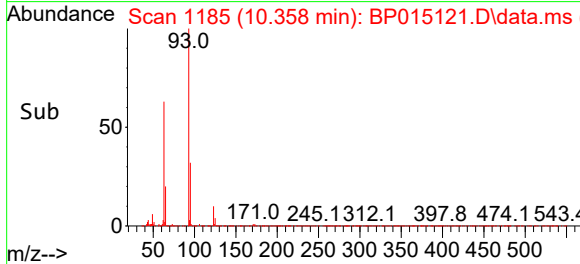
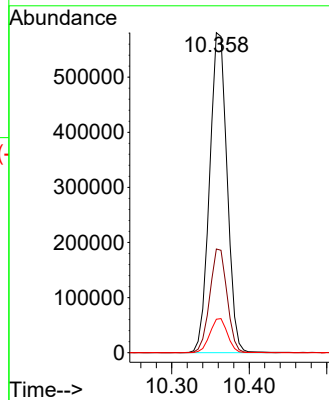
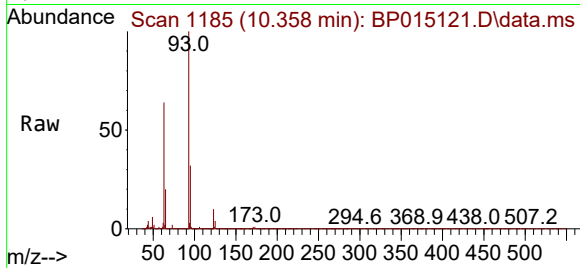
Tgt Ion: 93 Resp: 910022

Ion Ratio Lower Upper

93 100

95 32.4 26.7 40.1

123 10.5 9.1 13.7



#29

2,4-Dichlorophenol

Concen: 21.991 ng/ul

RT: 10.605 min Scan# 1227

Delta R.T. -0.005 min

Lab File: BP015121.D

Acq: 16 May 2023 23:04

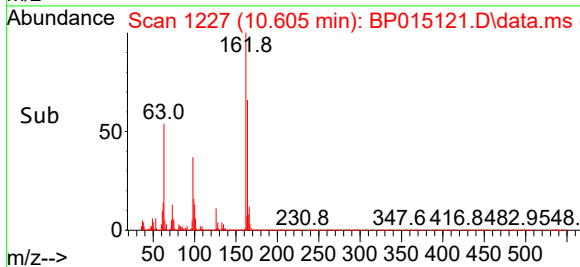
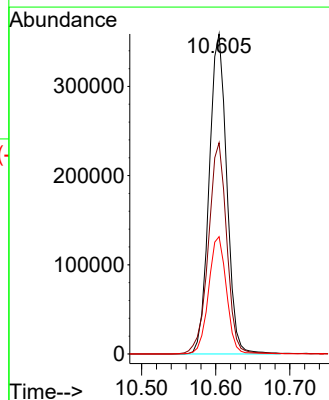
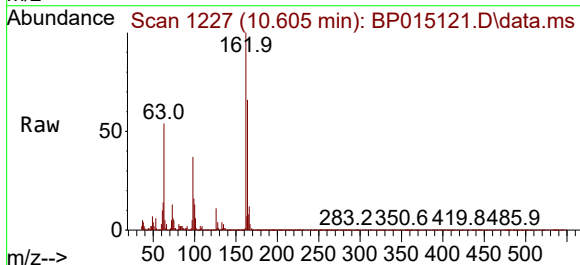
Tgt Ion:162 Resp: 592627

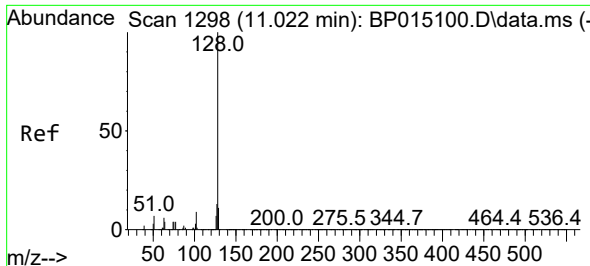
Ion Ratio Lower Upper

162 100

164 66.0 52.0 78.0

98 36.7 28.9 43.3

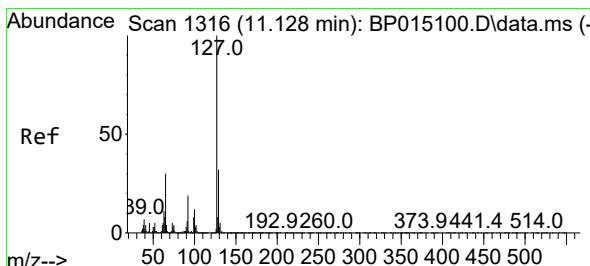
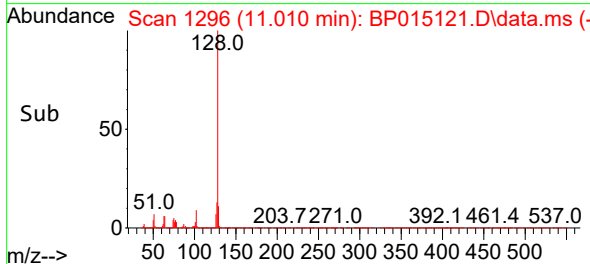
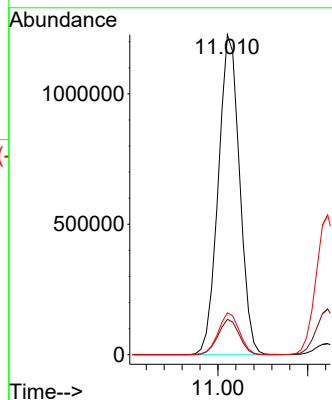
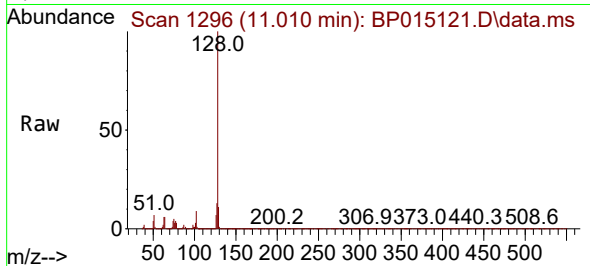




#30
Naphthalene
Concen: 21.966 ng/ul
RT: 11.010 min Scan# 1296
Delta R.T. -0.011 min
Lab File: BP015121.D
Acq: 16 May 2023 23:04

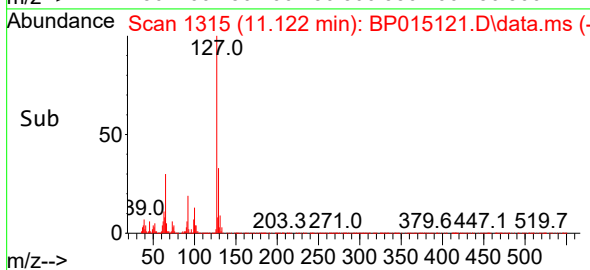
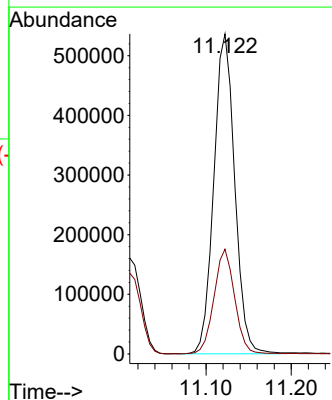
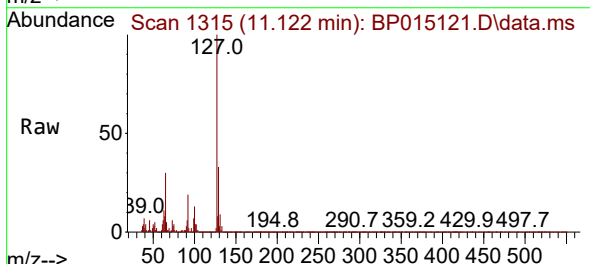
Instrument :
BNA_P
ClientSampleId :
SSTD020713

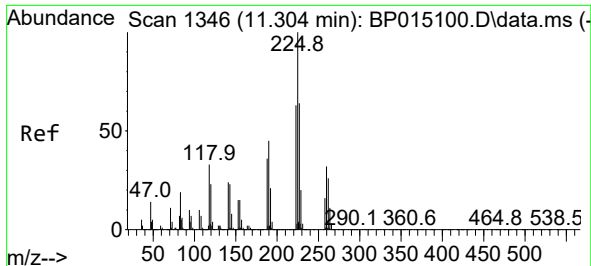
Tgt Ion:128 Resp: 2019458
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.1 10.6 15.8



#32
4-Chloroaniline
Concen: 22.539 ng/ul
RT: 11.122 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BP015121.D
Acq: 16 May 2023 23:04

Tgt Ion:127 Resp: 914431
Ion Ratio Lower Upper
127 100
129 32.7 25.8 38.8

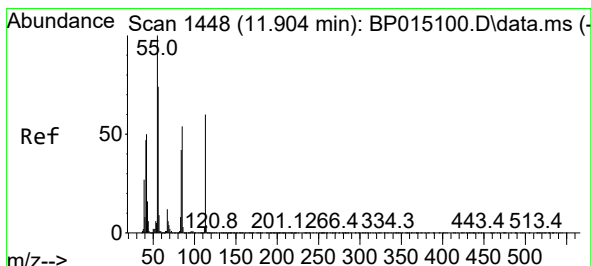
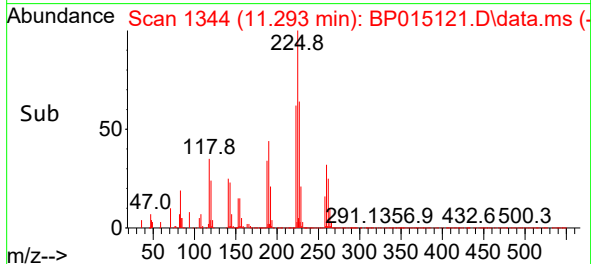
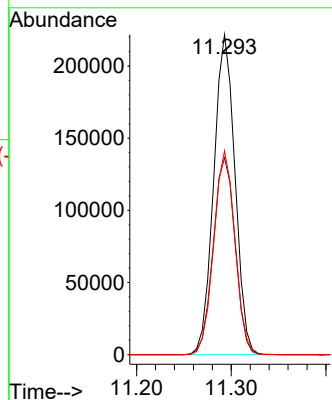
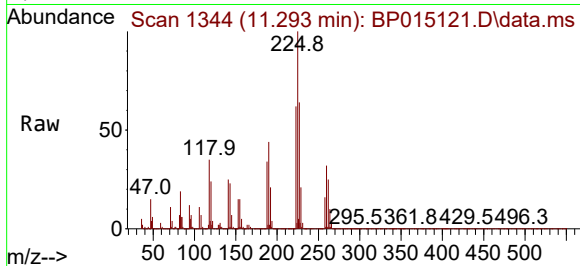




#33
Hexachlorobutadiene
Concen: 21.337 ng/ul
RT: 11.293 min Scan# 11
Delta R.T. -0.011 min
Lab File: BP015121.D
Acq: 16 May 2023 23:04

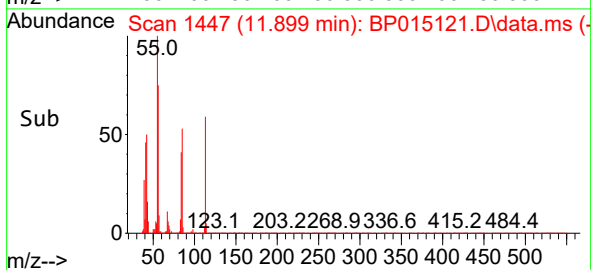
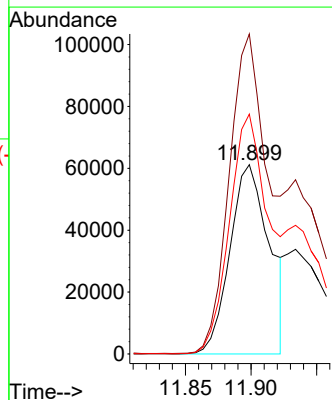
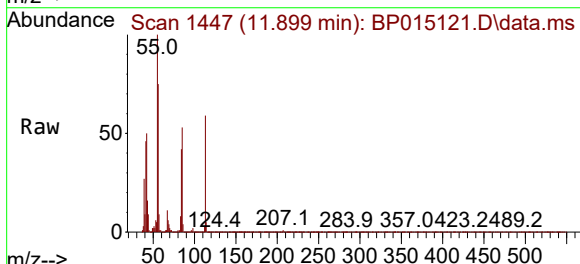
Instrument :
BNA_P
ClientSampleId :
SSTD020713

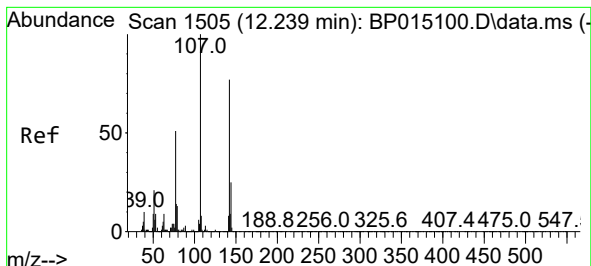
Tgt Ion:225 Resp: 346561
Ion Ratio Lower Upper
225 100
223 61.6 51.0 76.6
227 63.7 52.2 78.4



#34
Caprolactam
Concen: 12.594 ng/ul
RT: 11.899 min Scan# 1447
Delta R.T. -0.005 min
Lab File: BP015121.D
Acq: 16 May 2023 23:04

Tgt Ion:113 Resp: 127959
Ion Ratio Lower Upper
113 100
55 169.0 121.2 181.8
56 126.7 90.2 135.4

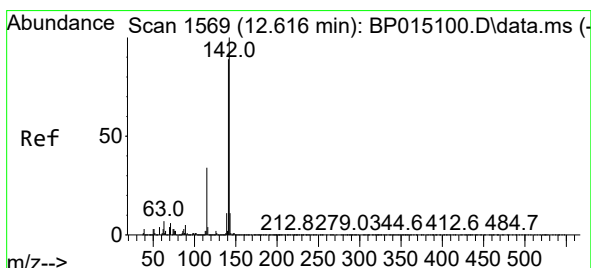
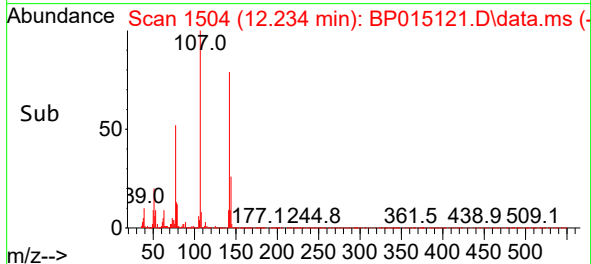
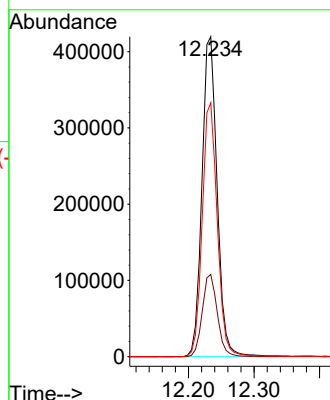
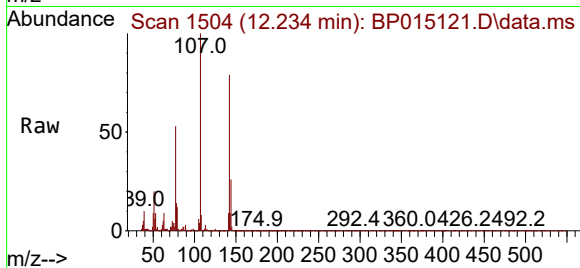




#35
4-Chloro-3-methylphenol
Concen: 22.215 ng/ul
RT: 12.234 min Scan# 1504
Delta R.T. -0.005 min
Lab File: BP015121.D
Acq: 16 May 2023 23:04

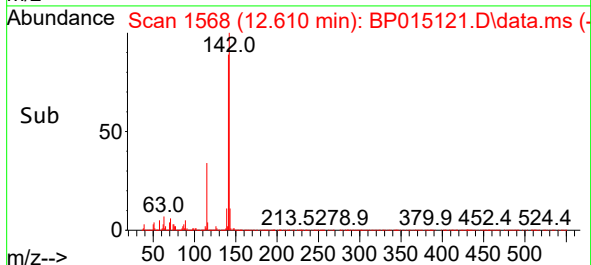
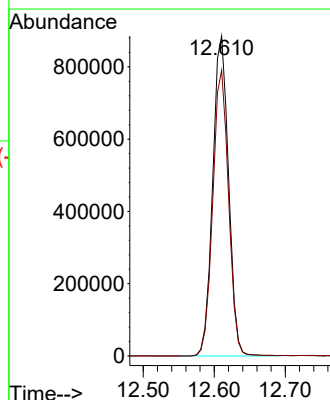
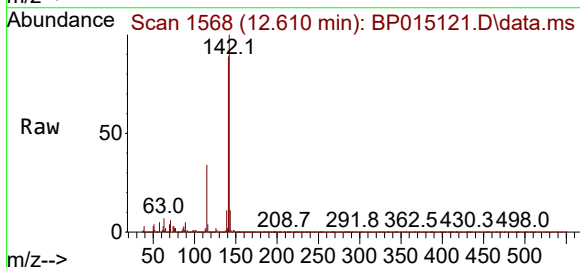
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BNA_P
ClientSampleId :
SSTD020713

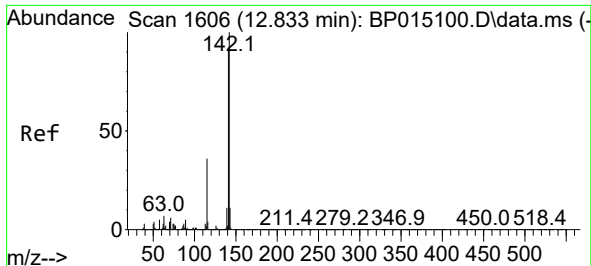
Tgt Ion:107 Resp: 675989
Ion Ratio Lower Upper
107 100
144 25.7 20.3 30.5
142 79.3 63.2 94.8



#36
2-Methylnaphthalene
Concen: 22.111 ng/ul
RT: 12.610 min Scan# 1568
Delta R.T. -0.005 min
Lab File: BP015121.D
Acq: 16 May 2023 23:04

Tgt Ion:142 Resp: 1369621
Ion Ratio Lower Upper
142 100
141 89.3 71.0 106.6

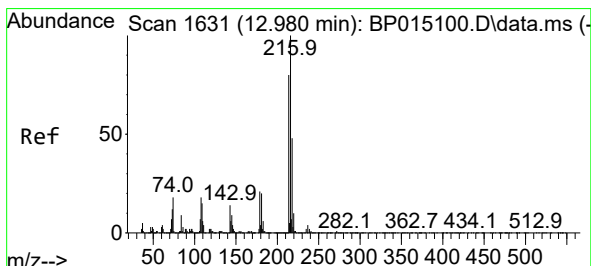
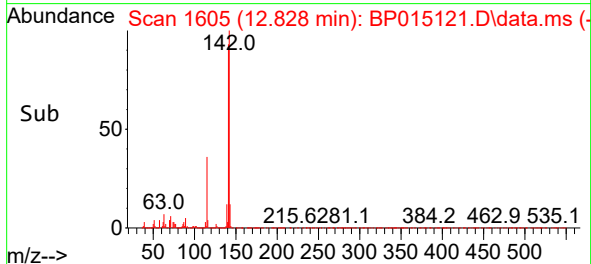
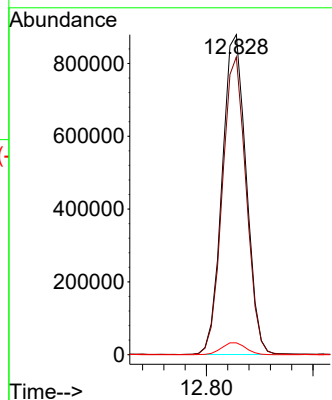
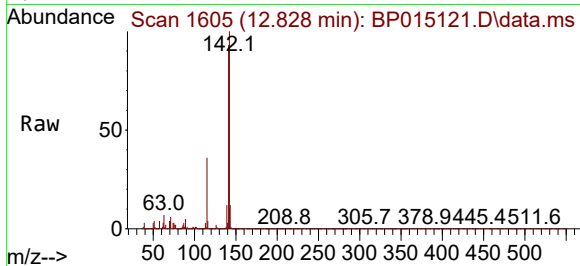




#37
1-Methylnaphthalene
Concen: 22.099 ng/ul
RT: 12.828 min Scan# 1605
Delta R.T. -0.005 min
Lab File: BP015121.D
Acq: 16 May 2023 23:04

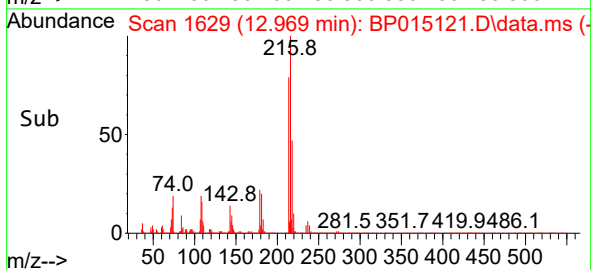
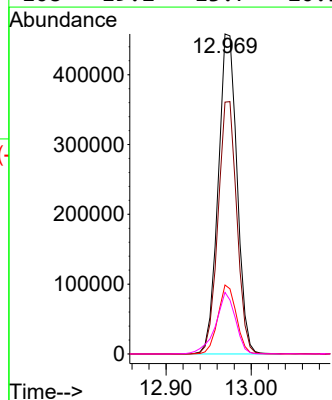
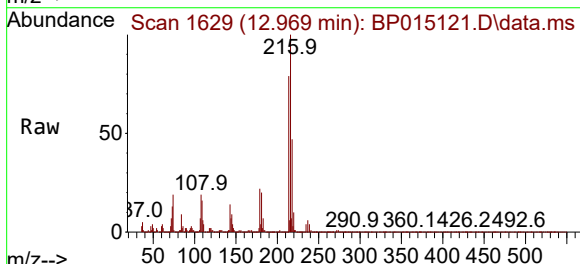
Instrument :
BNA_P
ClientSampleId :
SSTD020713

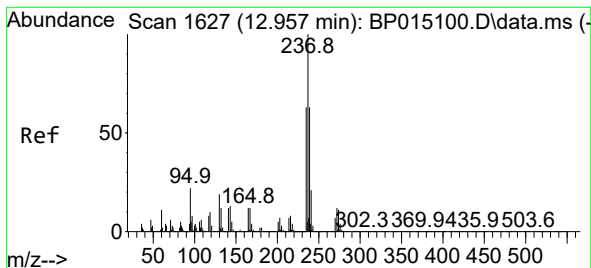
Tgt Ion:142 Resp: 1374674
Ion Ratio Lower Upper
142 100
141 93.1 74.6 112.0
116 3.7 2.9 4.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 22.171 ng/ul
RT: 12.969 min Scan# 1629
Delta R.T. -0.011 min
Lab File: BP015121.D
Acq: 16 May 2023 23:04

Tgt Ion:216 Resp: 705479
Ion Ratio Lower Upper
216 100
214 78.7 61.4 92.0
179 21.5 15.9 23.9
108 19.2 13.7 20.5





#40

Hexachlorocyclopentadiene

Concen: 19.185 ng/ul

RT: 12.952 min Scan# 1626

Delta R.T. -0.005 min

Lab File: BP015121.D

Acq: 16 May 2023 23:04

Instrument :

BNA_P

ClientSampleId :

SSTD020713

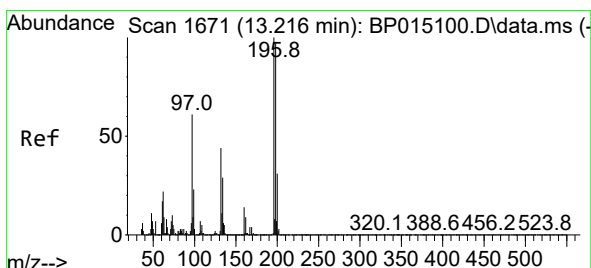
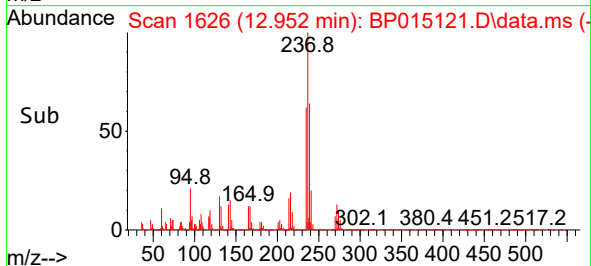
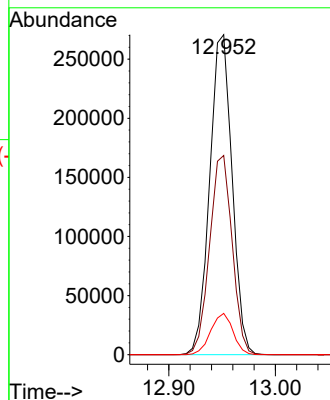
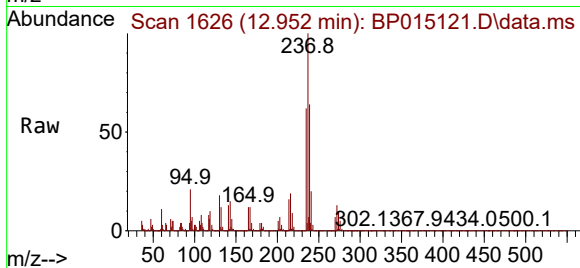
Tgt Ion:237 Resp: 395524

Ion Ratio Lower Upper

237 100

235 62.3 49.4 74.0

272 12.9 10.4 15.6



#41

2,4,6-Trichlorophenol

Concen: 21.314 ng/ul

RT: 13.210 min Scan# 1670

Delta R.T. -0.005 min

Lab File: BP015121.D

Acq: 16 May 2023 23:04

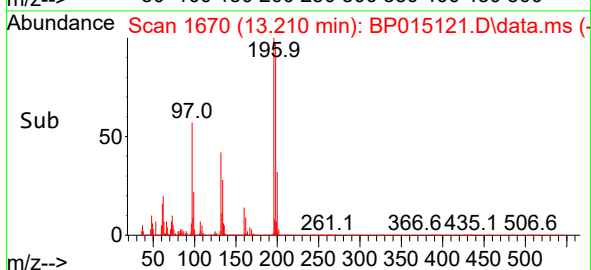
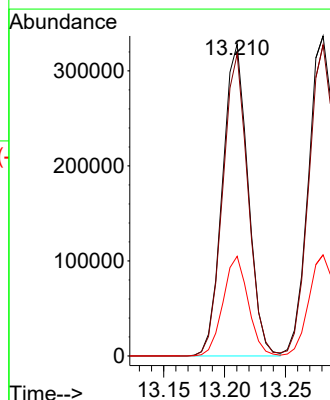
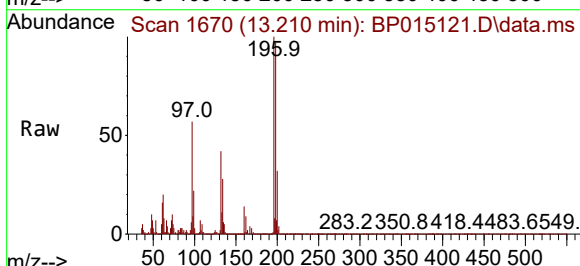
Tgt Ion:196 Resp: 478905

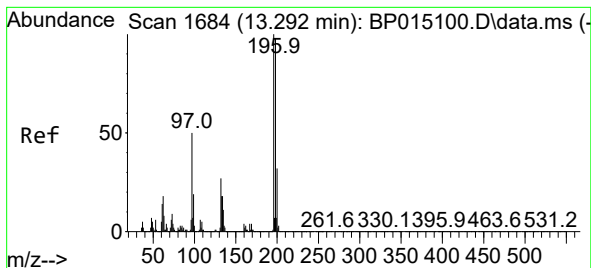
Ion Ratio Lower Upper

196 100

198 96.9 75.5 113.3

200 32.0 23.6 35.4





#42

2,4,5-Trichlorophenol

Concen: 21.668 ng/ul

RT: 13.281 min Scan# 1

Delta R.T. -0.005 min

Lab File: BP015121.D

Acq: 16 May 2023 23:04

Instrument :

BNA_P

ClientSampleId :

SSTD020713

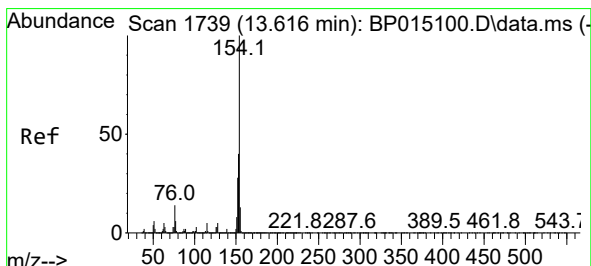
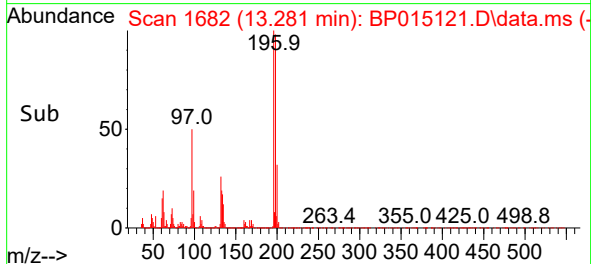
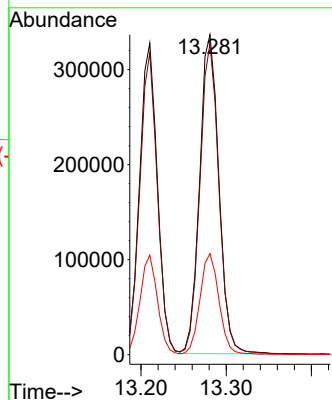
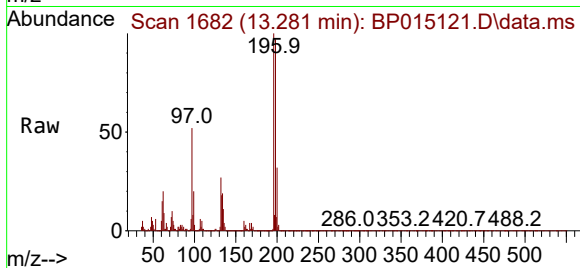
Tgt Ion:196 Resp: 527890

Ion Ratio Lower Upper

196 100

198 97.3 77.0 115.4

200 31.6 24.3 36.5



#43

1,1'-Biphenyl

Concen: 22.404 ng/ul

RT: 13.610 min Scan# 1738

Delta R.T. -0.005 min

Lab File: BP015121.D

Acq: 16 May 2023 23:04

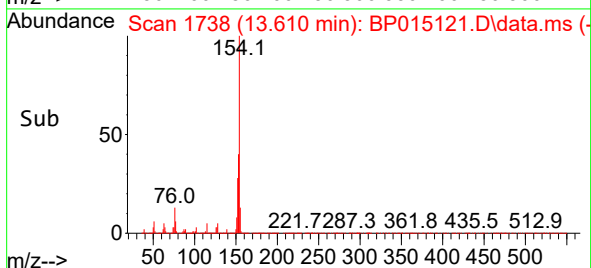
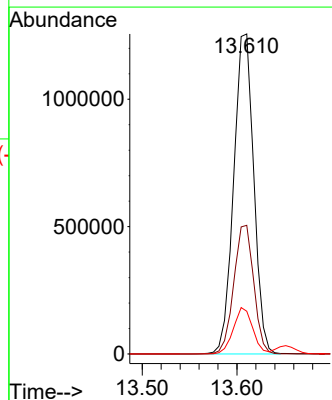
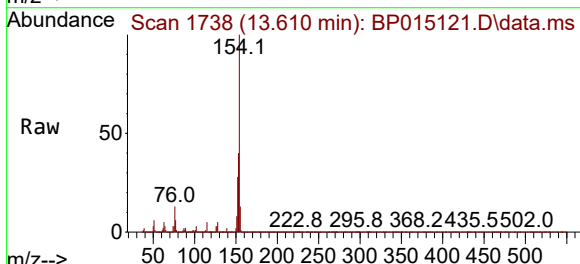
Tgt Ion:154 Resp: 1849393

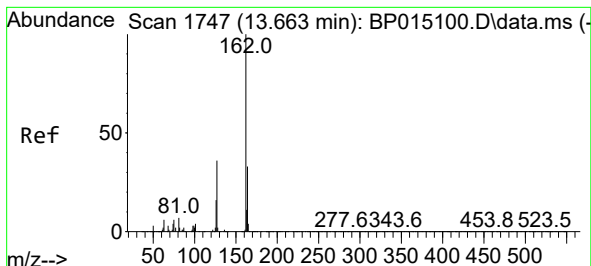
Ion Ratio Lower Upper

154 100

153 40.2 32.7 49.1

76 13.3 10.7 16.1





#44

2-Chloronaphthalene

Concen: 22.400 ng/ul

RT: 13.652 min Scan# 1

Delta R.T. -0.011 min

Lab File: BP015121.D

Acq: 16 May 2023 23:04

Instrument :

BNA_P

ClientSampleId :

SSTD020713

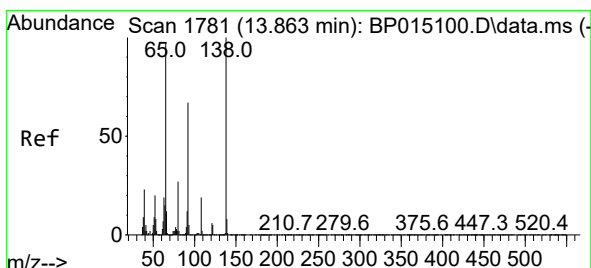
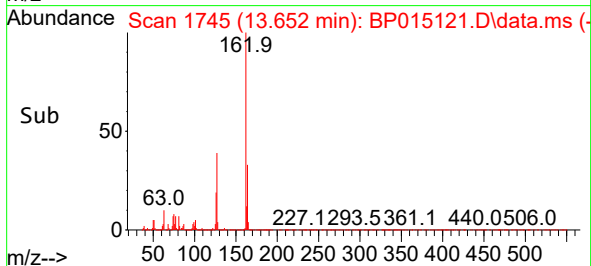
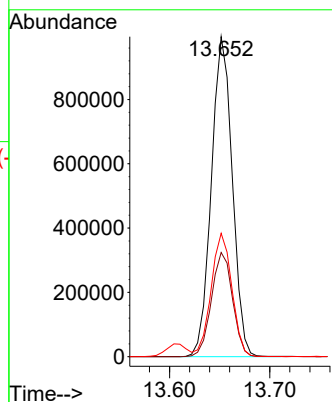
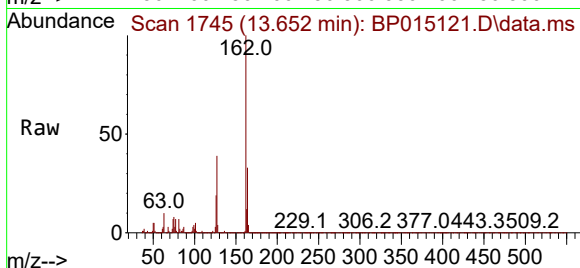
Tgt Ion:162 Resp: 1444027

Ion Ratio Lower Upper

162 100

164 32.5 25.9 38.9

127 38.5 30.8 46.2



#45

2-Nitroaniline

Concen: 23.144 ng/ul

RT: 13.857 min Scan# 1780

Delta R.T. -0.005 min

Lab File: BP015121.D

Acq: 16 May 2023 23:04

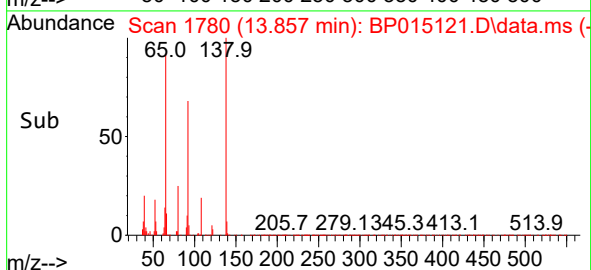
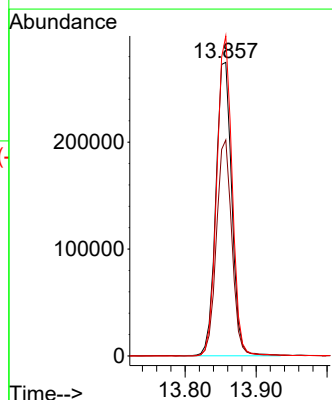
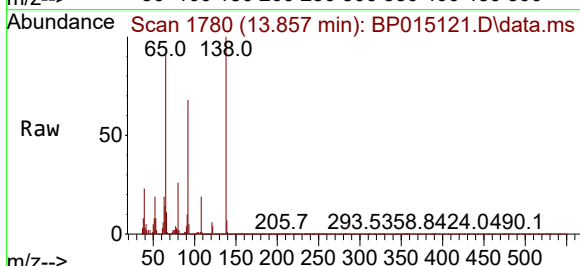
Tgt Ion: 65 Resp: 426895

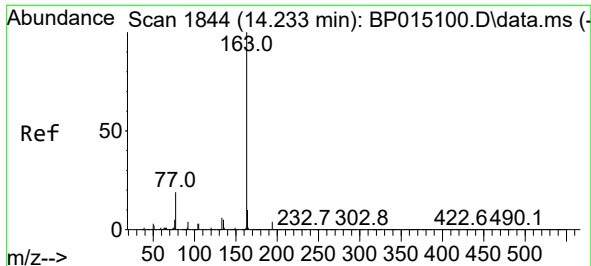
Ion Ratio Lower Upper

65 100

92 73.6 59.8 89.8

138 109.0 92.3 138.5





#47

Dimethylphthalate

Concen: 21.749 ng/ul

RT: 14.222 min Scan# 1842

Delta R.T. -0.005 min

Lab File: BP015121.D

Acq: 16 May 2023 23:04

Instrument :

BNA_P

ClientSampleId :

SSTD020713

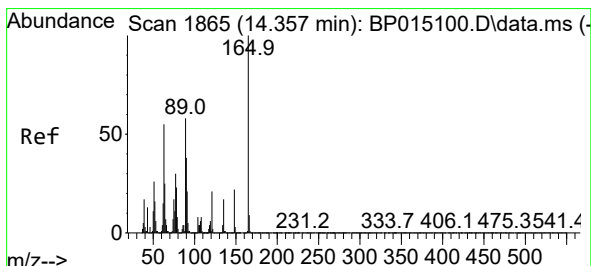
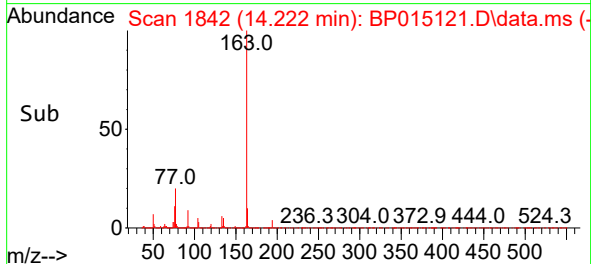
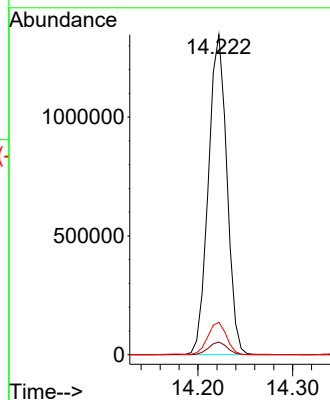
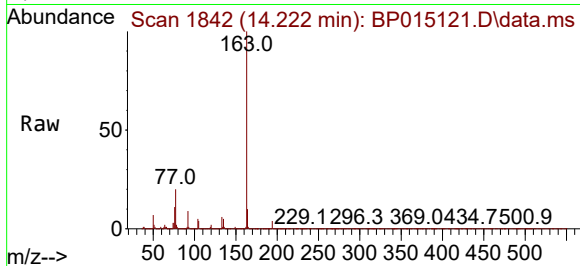
Tgt Ion:163 Resp: 1821044

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.1 8.2 12.4



#48

2,6-Dinitrotoluene

Concen: 22.107 ng/ul

RT: 14.346 min Scan# 1863

Delta R.T. -0.011 min

Lab File: BP015121.D

Acq: 16 May 2023 23:04

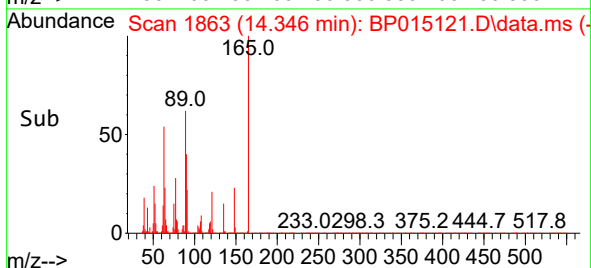
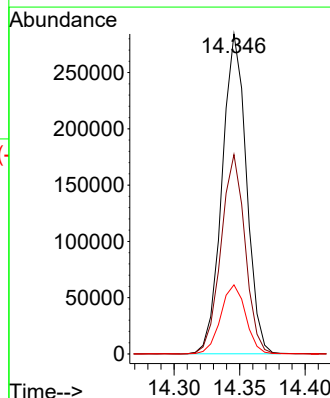
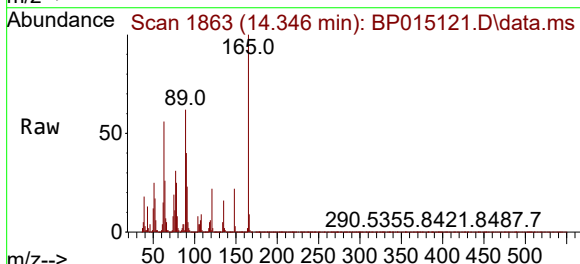
Tgt Ion:165 Resp: 366707

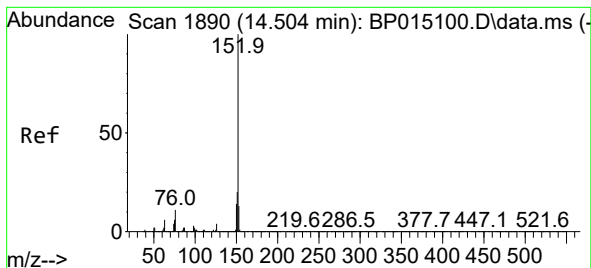
Ion Ratio Lower Upper

165 100

89 62.3 48.0 72.0

121 21.6 17.5 26.3





#50

Acenaphthylene

Concen: 22.386 ng/ul

RT: 14.493 min Scan# 1888

Delta R.T. -0.011 min

Lab File: BP015121.D

Acq: 16 May 2023 23:04

Instrument :

BNA_P

ClientSampleId :

SSTD020713

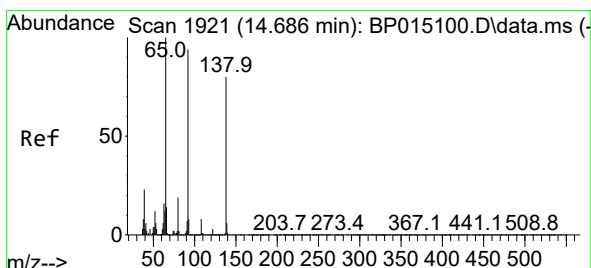
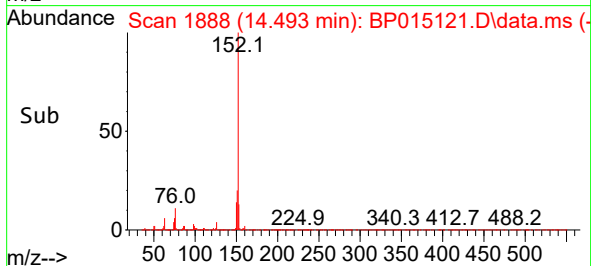
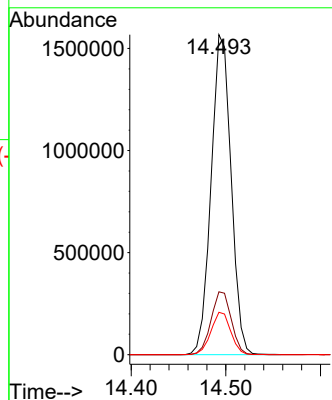
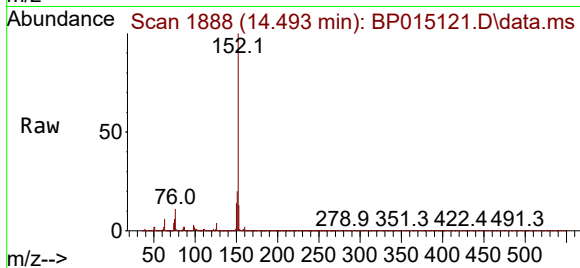
Tgt Ion:152 Resp: 2296735

Ion Ratio Lower Upper

152 100

151 19.7 16.1 24.1

153 13.2 10.3 15.5



#51

3-Nitroaniline

Concen: 19.240 ng/ul

RT: 14.675 min Scan# 1919

Delta R.T. -0.005 min

Lab File: BP015121.D

Acq: 16 May 2023 23:04

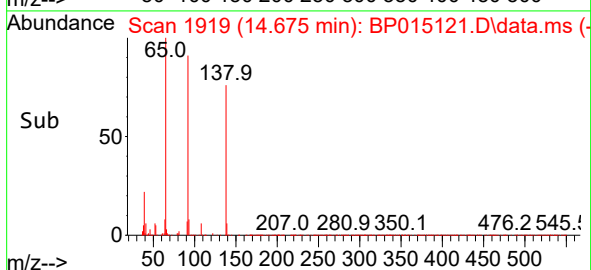
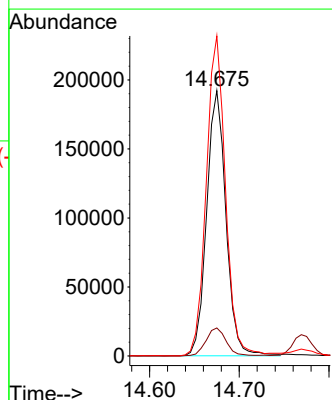
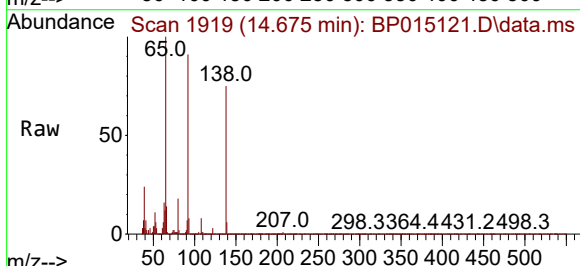
Tgt Ion:138 Resp: 287390

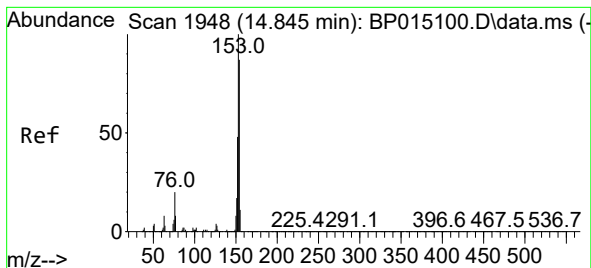
Ion Ratio Lower Upper

138 100

108 10.6 8.8 13.2

92 120.6 93.4 140.0





#52

Acenaphthene

Concen: 22.483 ng/ul

RT: 14.834 min Scan# 1946

Delta R.T. -0.011 min

Lab File: BP015121.D

Acq: 16 May 2023 23:04

Instrument :

BNA_P

ClientSampleId :

SSTD020713

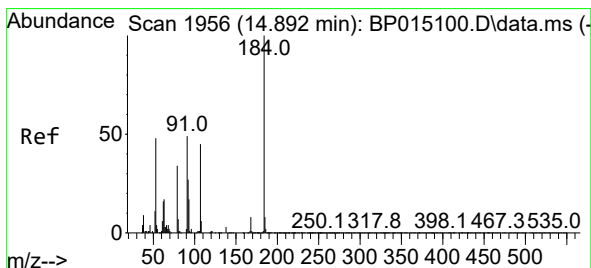
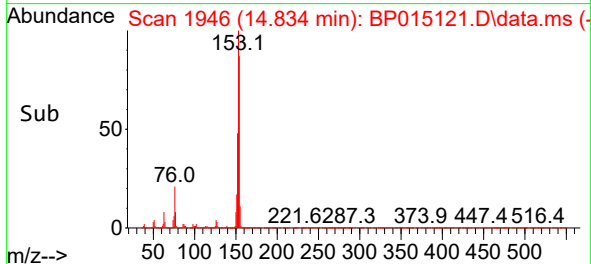
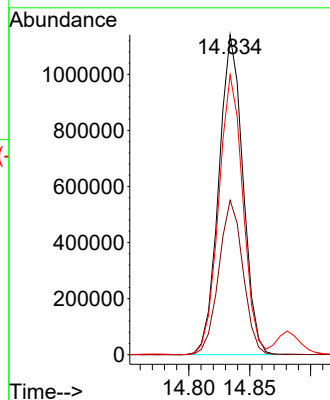
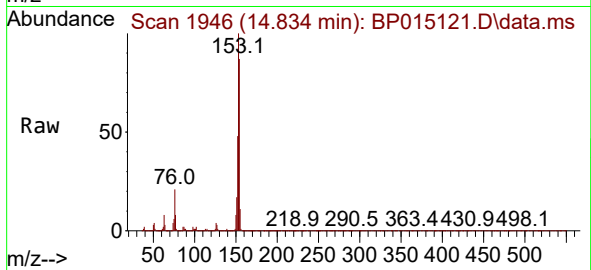
Tgt Ion:153 Resp: 1575428

Ion Ratio Lower Upper

153 100

152 48.2 38.0 57.0

154 87.4 71.0 106.4



#53

2,4-Dinitrophenol

Concen: 17.635 ng/ul

RT: 14.881 min Scan# 1954

Delta R.T. -0.011 min

Lab File: BP015121.D

Acq: 16 May 2023 23:04

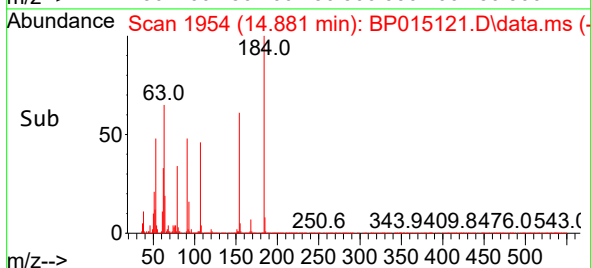
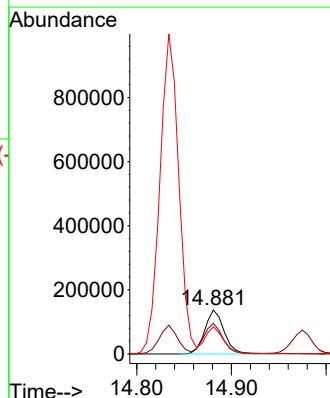
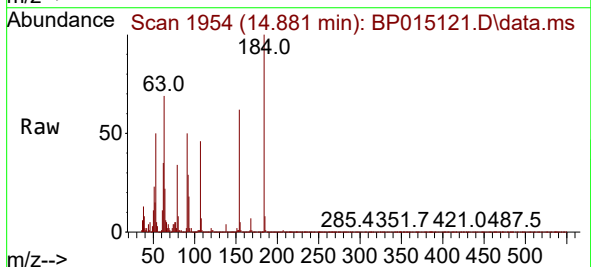
Tgt Ion:184 Resp: 194229

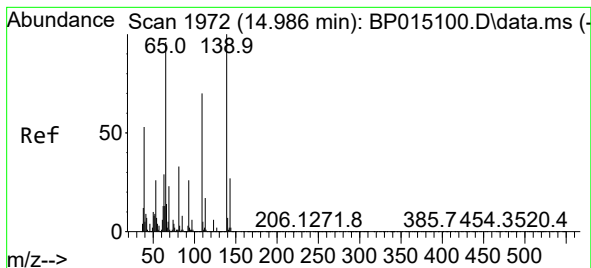
Ion Ratio Lower Upper

184 100

63 69.5 49.7 74.5

154 61.5 47.5 71.3

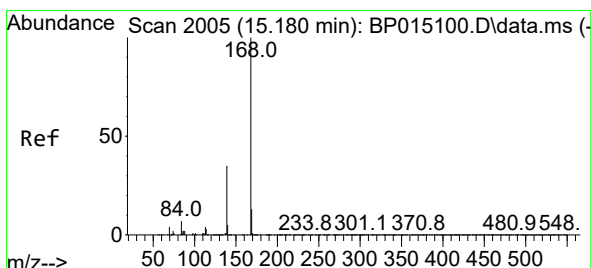
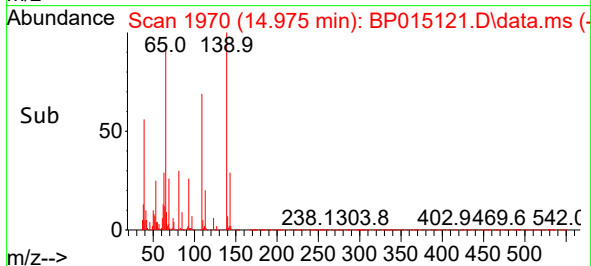
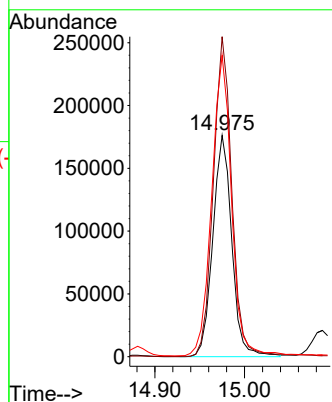
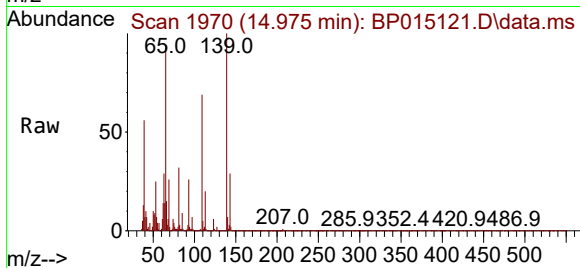




#55
4-Nitrophenol
Concen: 22.487 ng/ul
RT: 14.975 min Scan# 1972
Delta R.T. -0.011 min
Lab File: BP015121.D
Acq: 16 May 2023 23:04

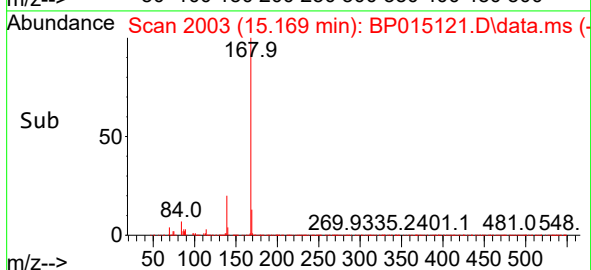
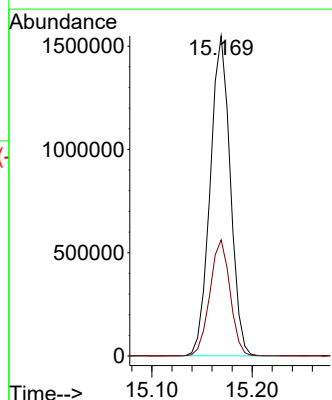
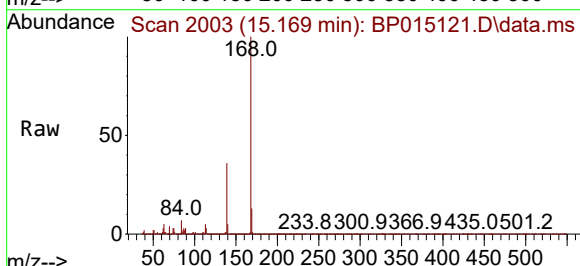
Instrument :
BNA_P
ClientSampleId :
SSTD020713

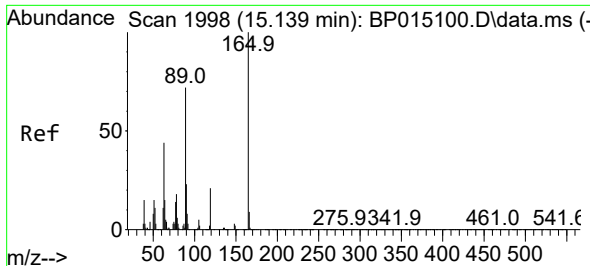
Tgt Ion:109 Resp: 258202
Ion Ratio Lower Upper
109 100
139 144.6 115.3 172.9
65 136.1 107.9 161.9



#56
Dibenzofuran
Concen: 22.134 ng/ul
RT: 15.169 min Scan# 2003
Delta R.T. -0.005 min
Lab File: BP015121.D
Acq: 16 May 2023 23:04

Tgt Ion:168 Resp: 2157343
Ion Ratio Lower Upper
168 100
139 36.3 29.4 44.0

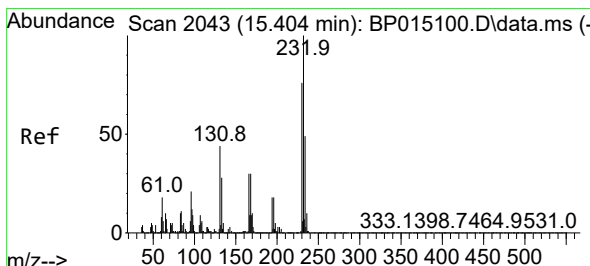
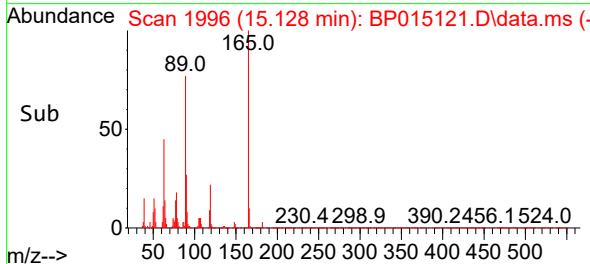
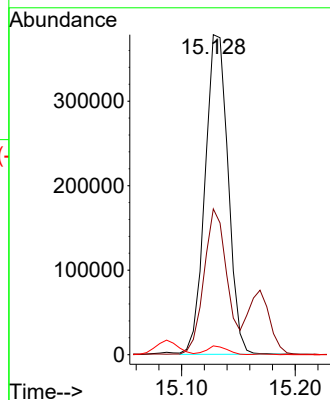
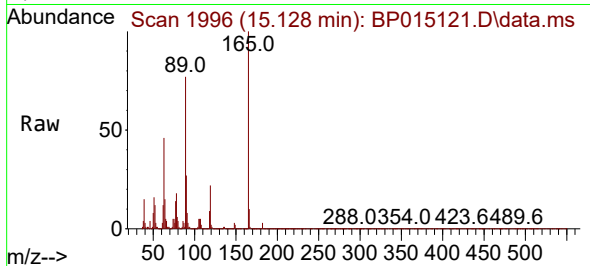




#57
2,4-Dinitrotoluene
Concen: 22.171 ng/ul
RT: 15.128 min Scan# 1996
Delta R.T. -0.011 min
Lab File: BP015121.D
Acq: 16 May 2023 23:04

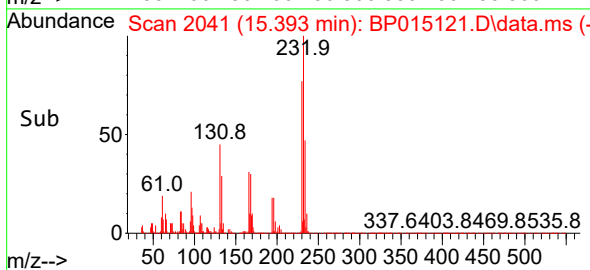
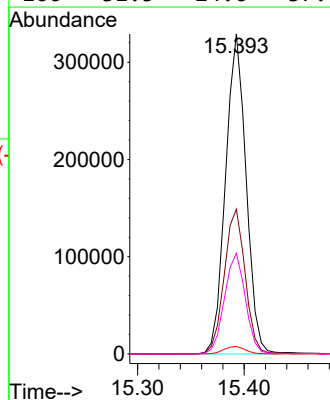
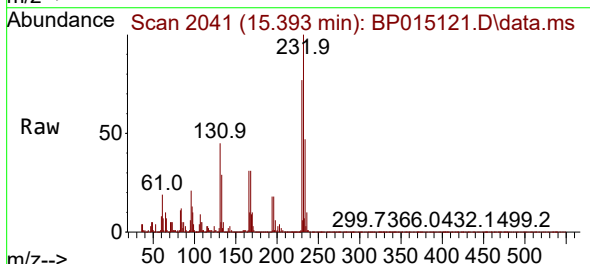
Instrument :
BNA_P
ClientSampleId :
SSTD020713

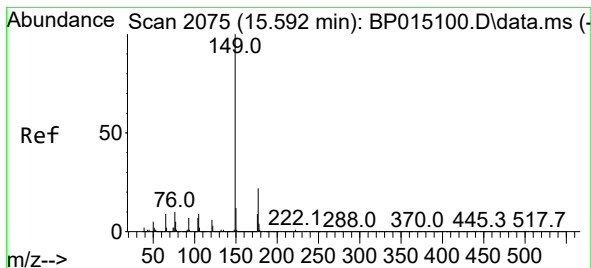
Tgt Ion:165 Resp: 532179
Ion Ratio Lower Upper
165 100
63 45.6 33.1 49.7
182 2.7 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 21.434 ng/ul
RT: 15.393 min Scan# 2041
Delta R.T. -0.011 min
Lab File: BP015121.D
Acq: 16 May 2023 23:04

Tgt Ion:232 Resp: 440703
Ion Ratio Lower Upper
232 100
131 45.3 36.8 55.2
130 2.3 1.9 2.9
166 31.5 24.6 37.0





#59

Diethylphthalate

Concen: 21.567 ng/ul

RT: 15.581 min Scan# 2075

Delta R.T. -0.005 min

Lab File: BP015121.D

Acq: 16 May 2023 23:04

Instrument :

BNA_P

ClientSampleId :

SSTD020713

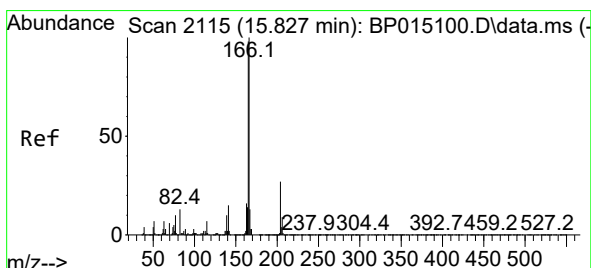
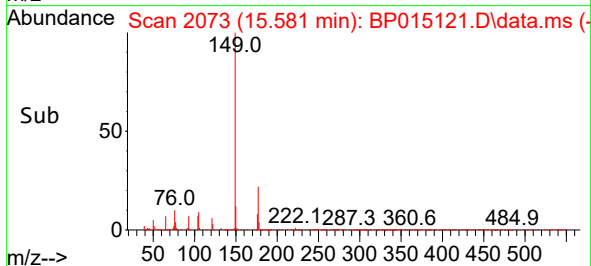
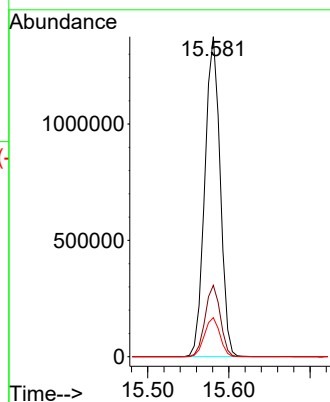
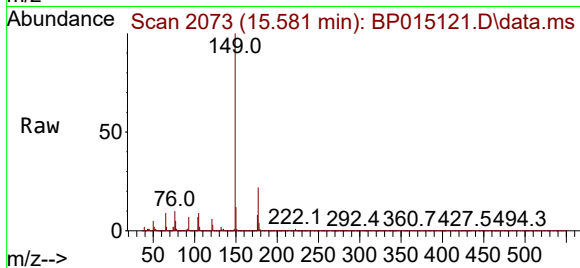
Tgt Ion:149 Resp: 1801035

Ion Ratio Lower Upper

149 100

177 22.3 17.5 26.3

150 12.2 9.8 14.8



#61

Fluorene

Concen: 22.261 ng/ul

RT: 15.816 min Scan# 2113

Delta R.T. -0.011 min

Lab File: BP015121.D

Acq: 16 May 2023 23:04

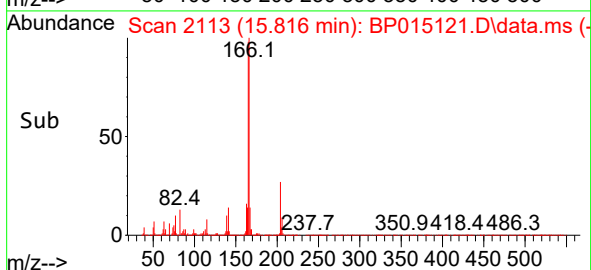
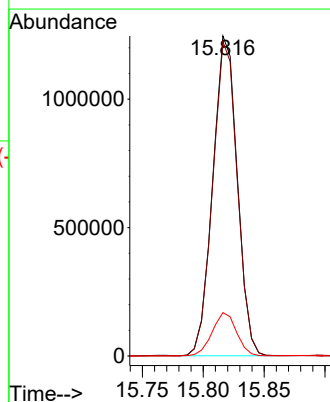
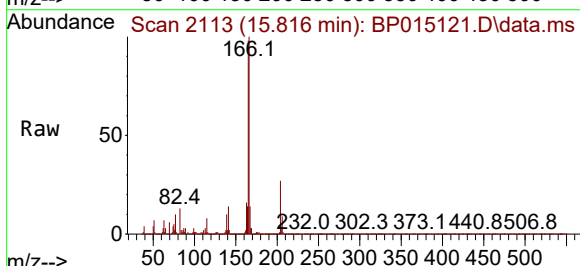
Tgt Ion:166 Resp: 1743629

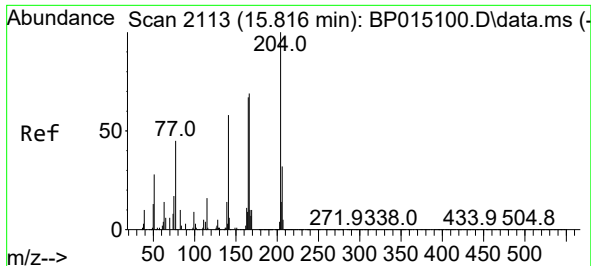
Ion Ratio Lower Upper

166 100

165 98.3 77.8 116.6

167 13.6 10.6 15.8

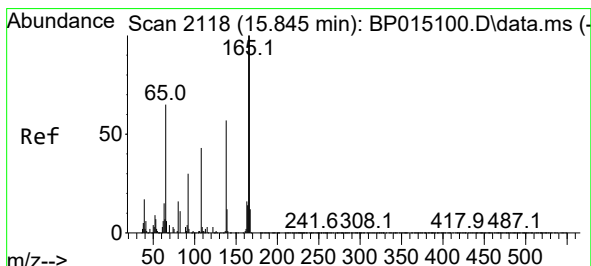
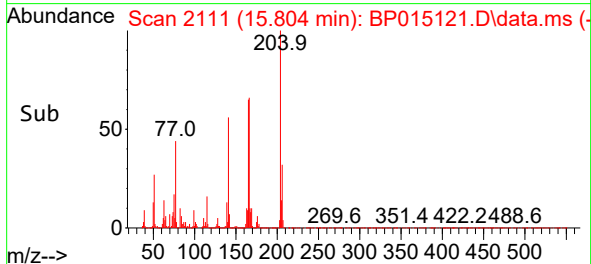
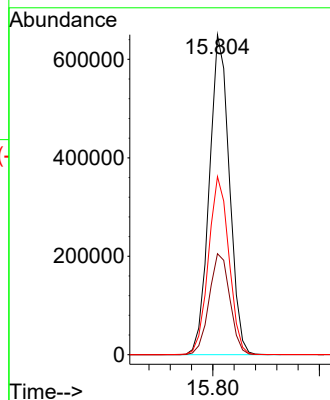
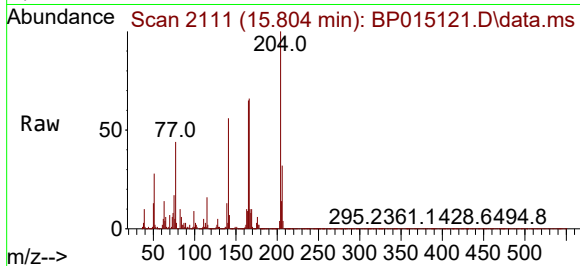




#62
4-Chlorophenyl-phenylether
Concen: 22.108 ng/ul
RT: 15.804 min Scan# 2111
Delta R.T. -0.011 min
Lab File: BP015121.D
Acq: 16 May 2023 23:04

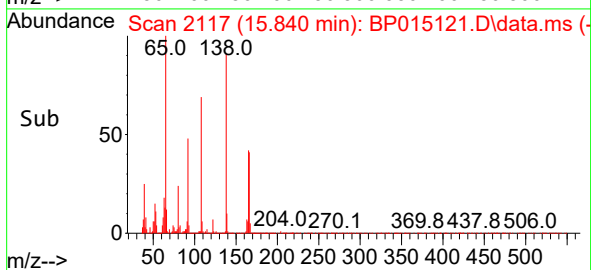
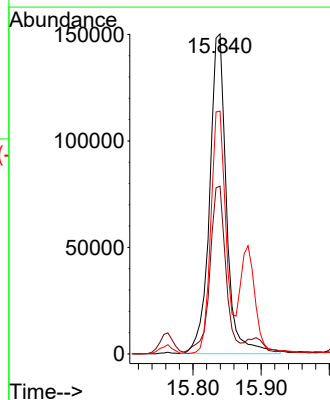
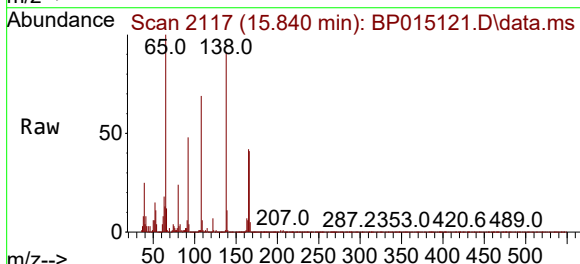
Instrument :
BNA_P
ClientSampleId :
SSTD020713

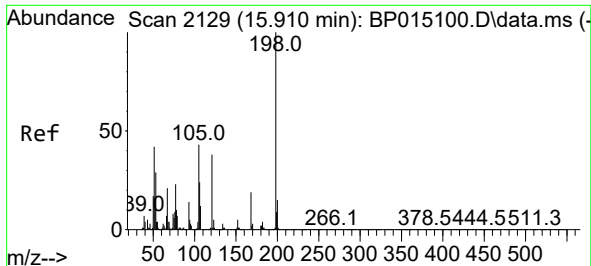
Tgt Ion:204 Resp: 846087
Ion Ratio Lower Upper
204 100
206 31.6 26.1 39.1
141 55.6 44.5 66.7



#63
4-Nitroaniline
Concen: 20.101 ng/ul
RT: 15.840 min Scan# 2117
Delta R.T. -0.005 min
Lab File: BP015121.D
Acq: 16 May 2023 23:04

Tgt Ion:138 Resp: 259283
Ion Ratio Lower Upper
138 100
92 52.4 41.2 61.8
108 75.9 60.1 90.1

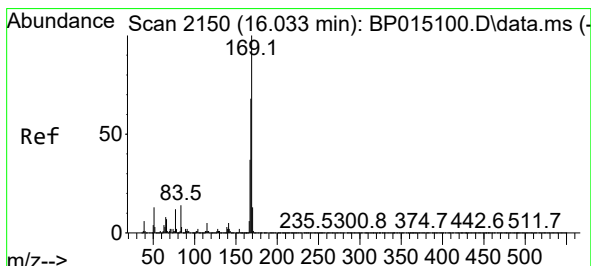
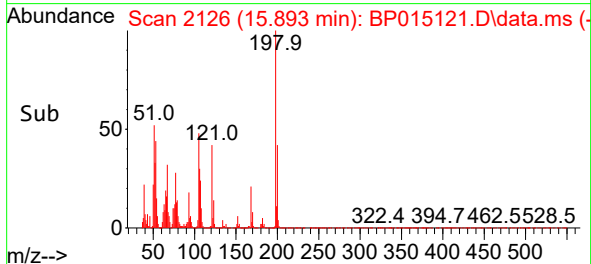
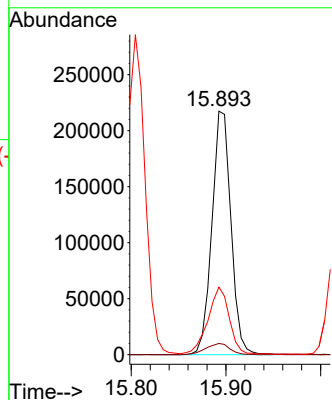
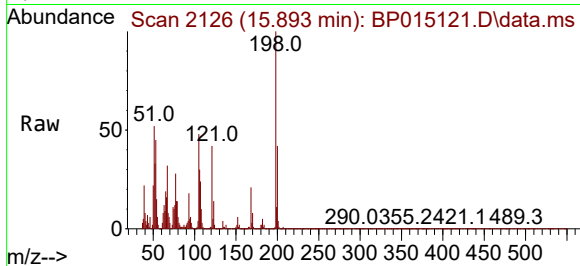




#66
4,6-Dinitro-2-methylphenol
Concen: 20.252 ng/ul
RT: 15.893 min Scan# 2118
Delta R.T. -0.011 min
Lab File: BP015121.D
Acq: 16 May 2023 23:04

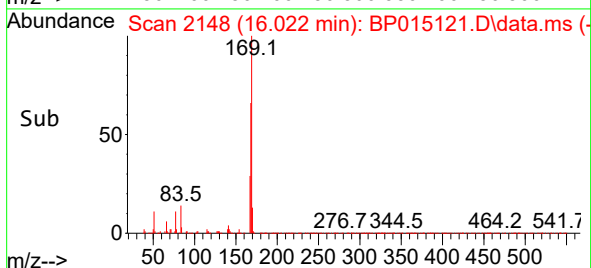
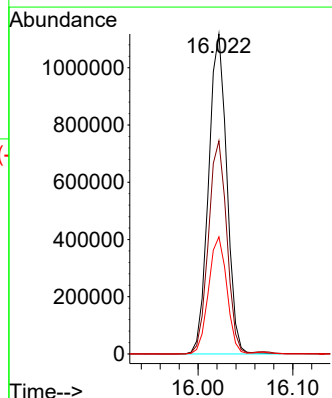
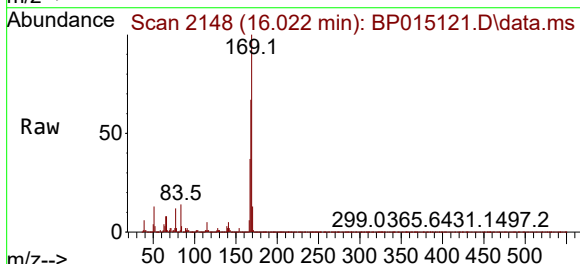
Instrument :
BNA_P
ClientSampleId :
SSTD020713

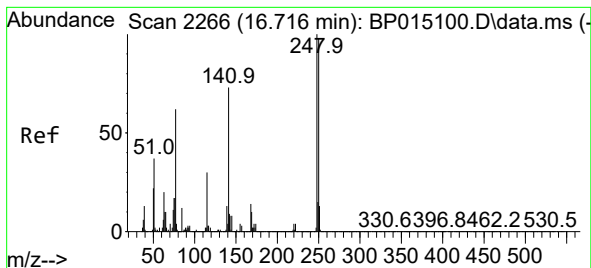
Tgt Ion:198 Resp: 303613
Ion Ratio Lower Upper
198 100
182 4.6 3.7 5.5
77 27.7 21.2 31.8



#67
N-Nitrosodiphenylamine
Concen: 21.999 ng/ul
RT: 16.022 min Scan# 2148
Delta R.T. -0.005 min
Lab File: BP015121.D
Acq: 16 May 2023 23:04

Tgt Ion:169 Resp: 1490988
Ion Ratio Lower Upper
169 100
168 66.6 53.5 80.3
167 36.6 28.9 43.3

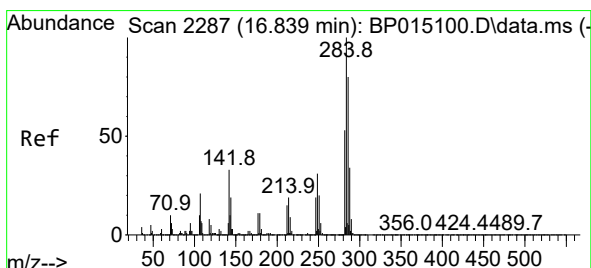
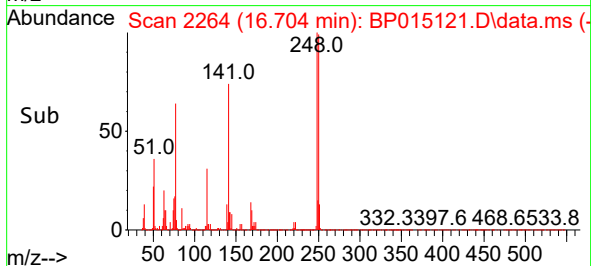
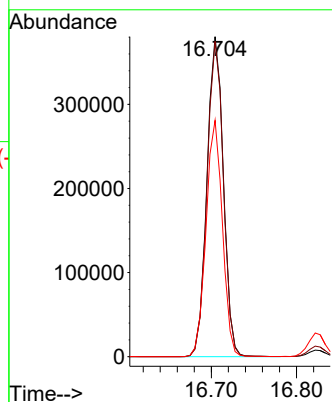
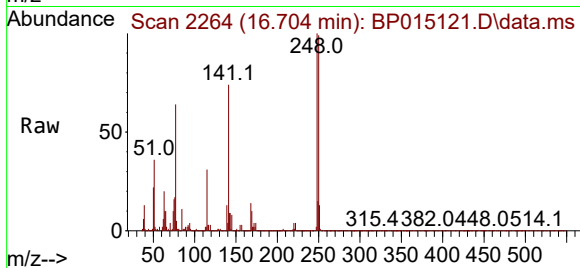




#68
4-Bromophenyl-phenylether
Concen: 21.492 ng/ul
RT: 16.704 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP015121.D
Acq: 16 May 2023 23:04

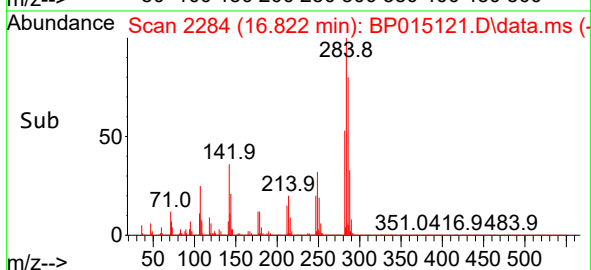
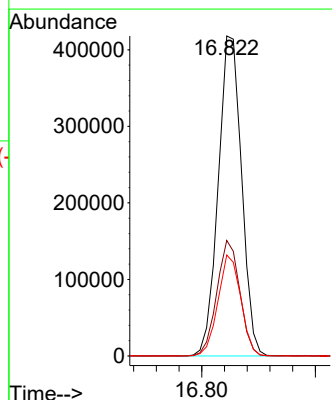
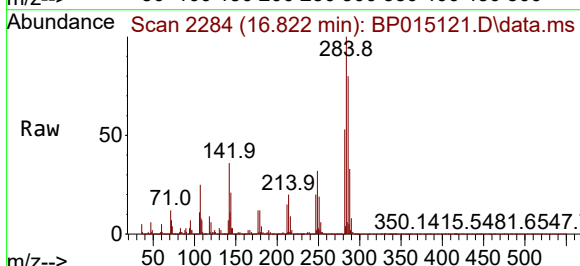
Instrument :
BNA_P
ClientSampleId :
SSTD020713

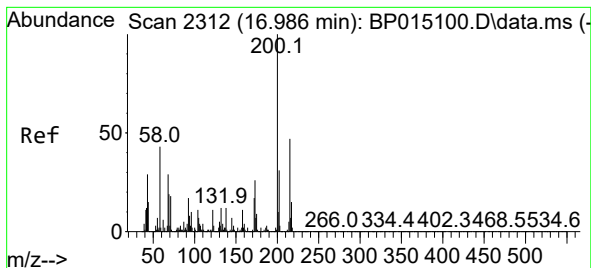
Tgt Ion:248 Resp: 510258
Ion Ratio Lower Upper
248 100
250 98.5 79.0 118.4
141 73.8 58.6 87.8



#69
Hexachlorobenzene
Concen: 21.305 ng/ul
RT: 16.822 min Scan# 2284
Delta R.T. -0.011 min
Lab File: BP015121.D
Acq: 16 May 2023 23:04

Tgt Ion:284 Resp: 597762
Ion Ratio Lower Upper
284 100
142 36.1 27.3 40.9
249 31.6 24.6 36.8





#70

Atrazine

Concen: 21.332 ng/ul

RT: 16.975 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP015121.D

Acq: 16 May 2023 23:04

Instrument :

BNA_P

ClientSampleId :

SSTD020713

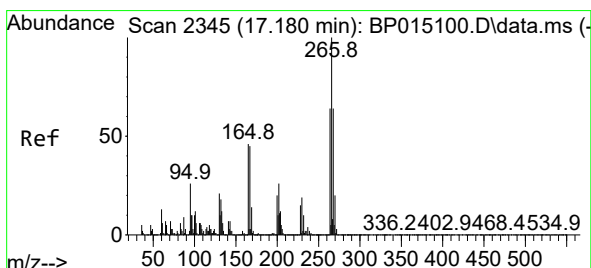
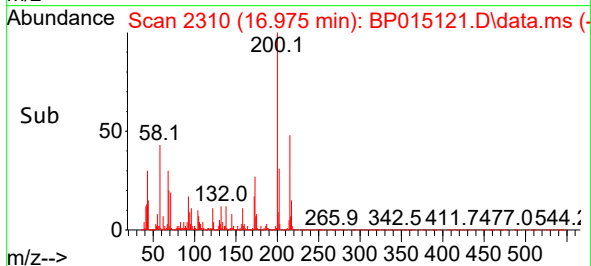
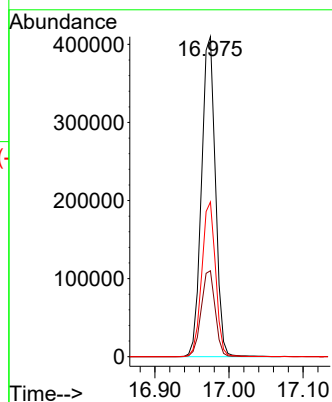
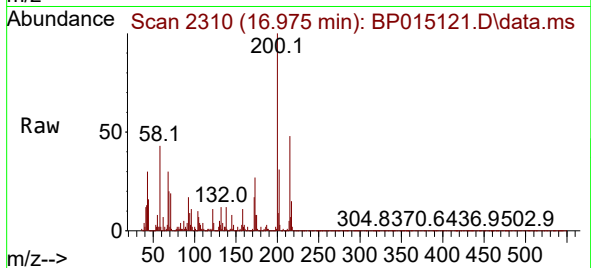
Tgt Ion:200 Resp: 534405

Ion Ratio Lower Upper

200 100

173 26.9 21.4 32.2

215 48.4 38.1 57.1



#71

Pentachlorophenol

Concen: 20.399 ng/ul

RT: 17.169 min Scan# 2343

Delta R.T. -0.011 min

Lab File: BP015121.D

Acq: 16 May 2023 23:04

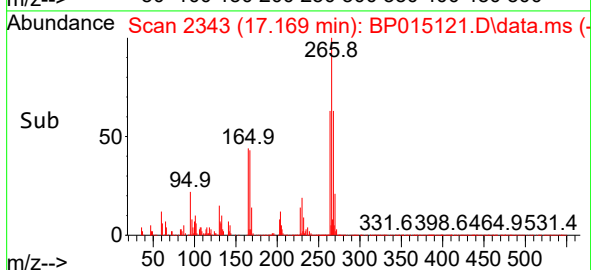
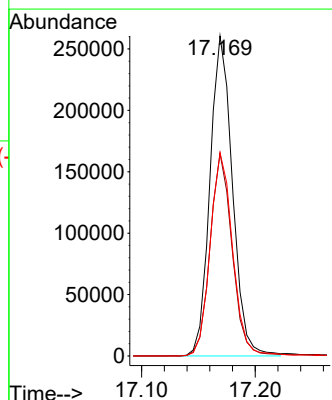
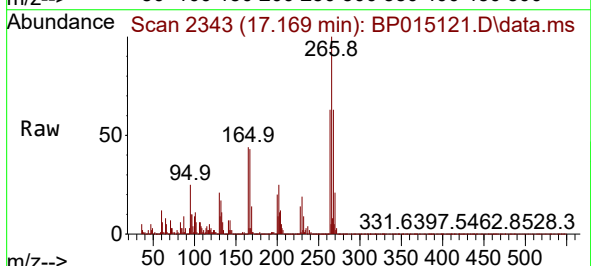
Tgt Ion:266 Resp: 358010

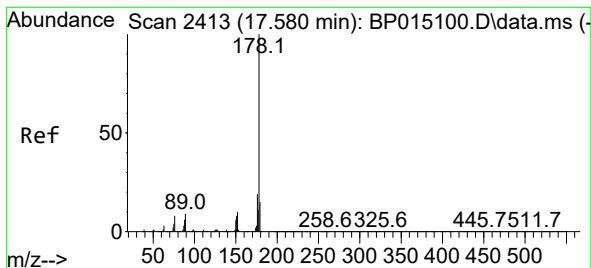
Ion Ratio Lower Upper

266 100

264 63.3 51.0 76.4

268 63.5 51.8 77.6





#72

Phenanthrene

Concen: 22.050 ng/ul

RT: 17.569 min Scan# 2411

Delta R.T. -0.005 min

Lab File: BP015121.D

Acq: 16 May 2023 23:04

Instrument :

BNA_P

ClientSampleId :

SSTD020713

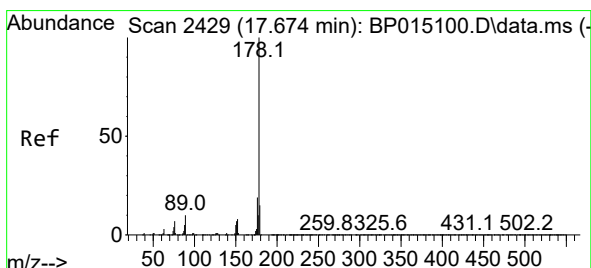
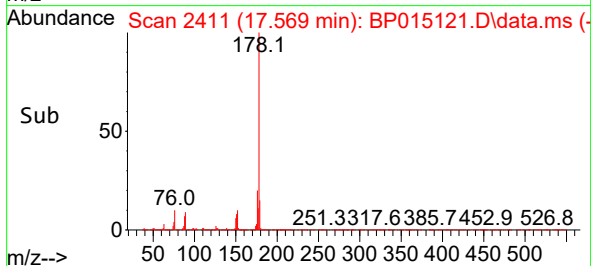
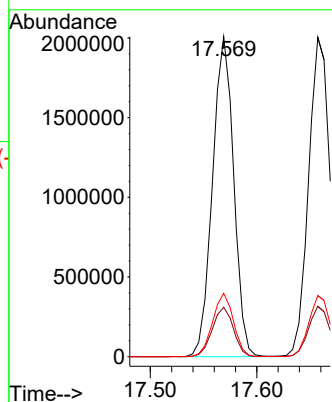
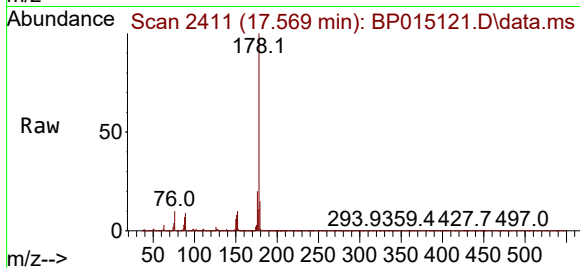
Tgt Ion:178 Resp: 2767652

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.2

176 19.8 15.6 23.4



#74

Anthracene

Concen: 22.222 ng/ul

RT: 17.657 min Scan# 2426

Delta R.T. -0.011 min

Lab File: BP015121.D

Acq: 16 May 2023 23:04

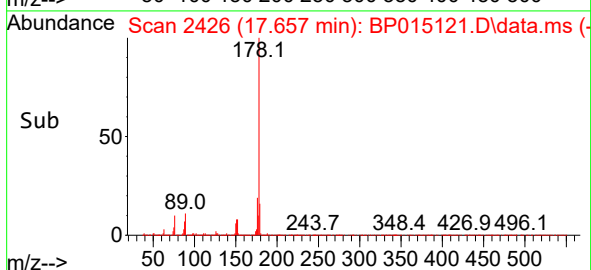
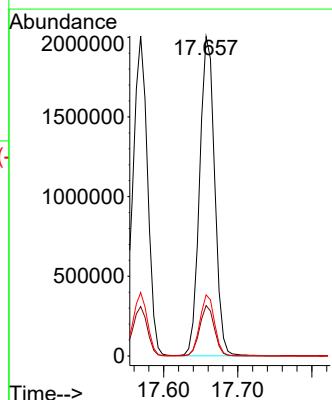
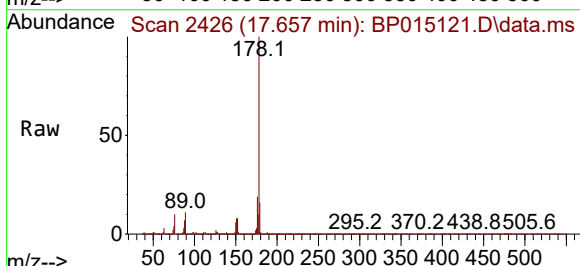
Tgt Ion:178 Resp: 2820505

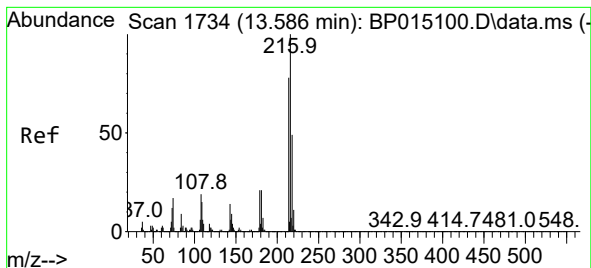
Ion Ratio Lower Upper

178 100

179 15.8 12.2 18.2

176 19.1 15.2 22.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 22.139 ng/uL

RT: 13.575 min Scan# 1

Delta R.T. -0.011 min

Lab File: BP015121.D

Acq: 16 May 2023 23:04

Instrument :

BNA_P

ClientSampleId :

SSTD020713

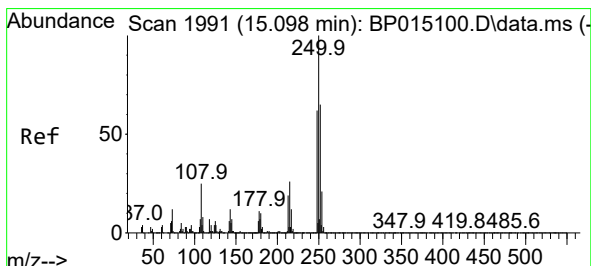
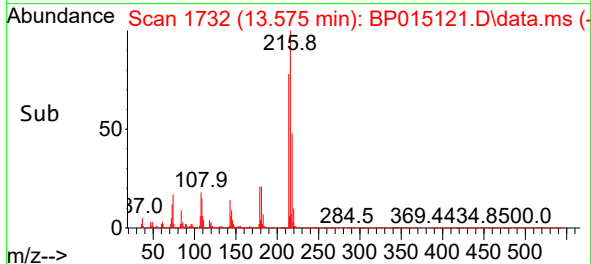
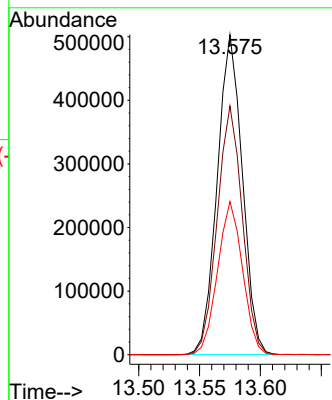
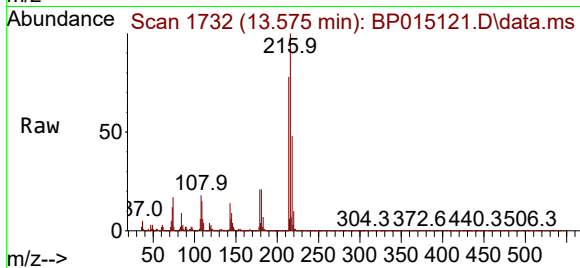
Tgt Ion:216 Resp: 723534

Ion Ratio Lower Upper

216 100

214 77.7 62.2 93.4

218 47.9 38.2 57.2



#76

Pentachlorobenzene

Concen: 22.012 ng/uL

RT: 15.087 min Scan# 1989

Delta R.T. -0.011 min

Lab File: BP015121.D

Acq: 16 May 2023 23:04

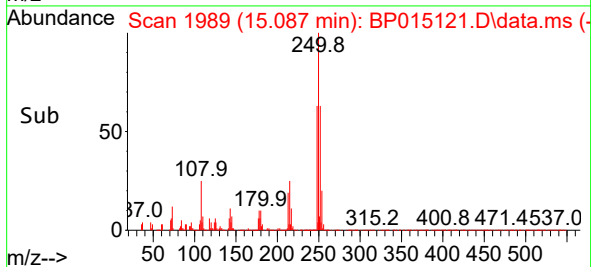
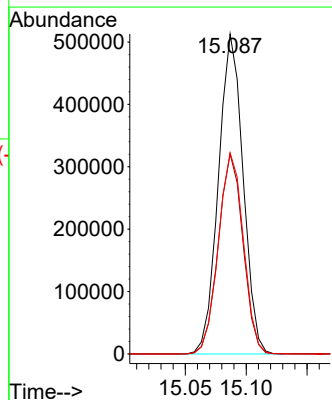
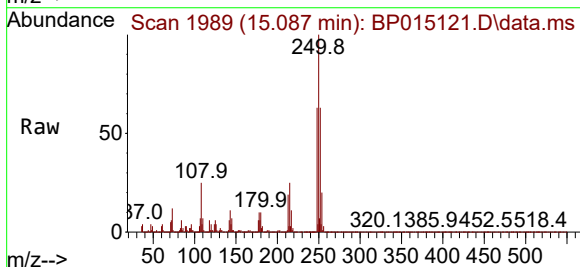
Tgt Ion:250 Resp: 722329

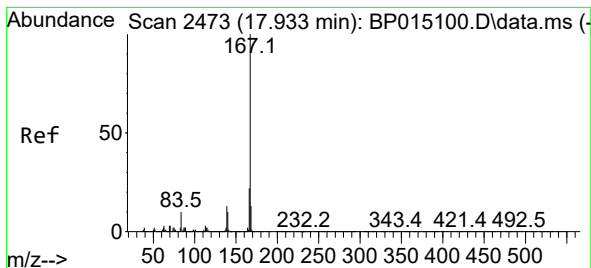
Ion Ratio Lower Upper

250 100

248 62.5 49.8 74.6

252 62.8 51.6 77.4





#77

Carbazole

Concen: 22.787 ng/ul

RT: 17.922 min Scan# 2471

Delta R.T. -0.011 min

Lab File: BP015121.D

Acq: 16 May 2023 23:04

Instrument :

BNA_P

ClientSampleId :

SSTD020713

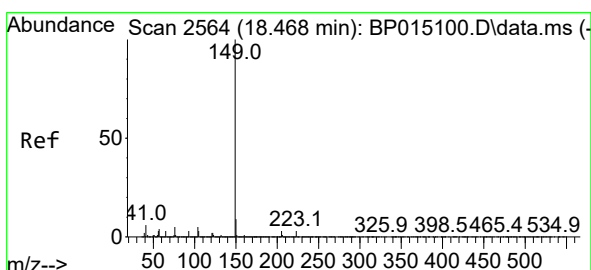
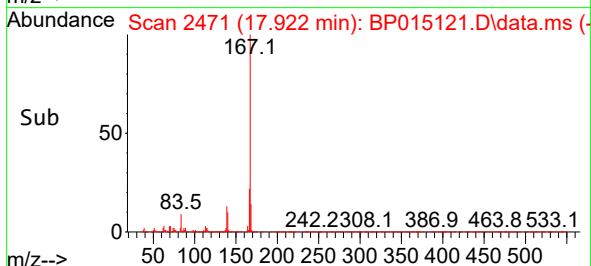
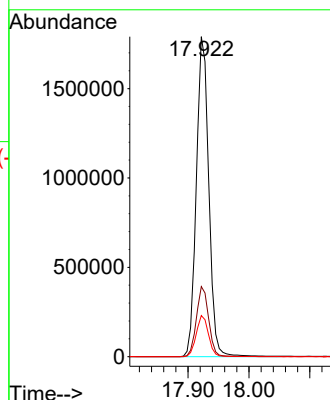
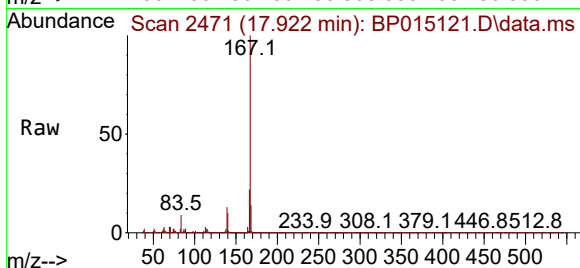
Tgt Ion:167 Resp: 2536136

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.2

139 12.8 10.2 15.4



#78

Di-n-butylphthalate

Concen: 20.422 ng/ul

RT: 18.457 min Scan# 2562

Delta R.T. -0.005 min

Lab File: BP015121.D

Acq: 16 May 2023 23:04

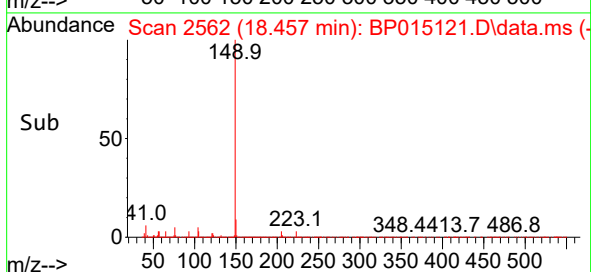
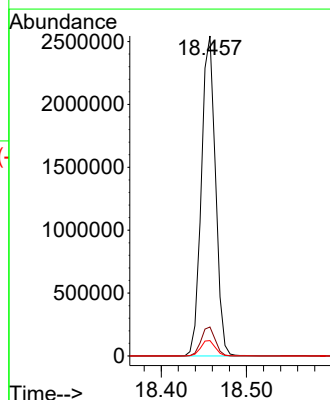
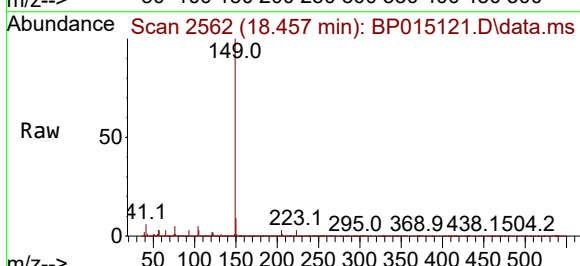
Tgt Ion:149 Resp: 2927044

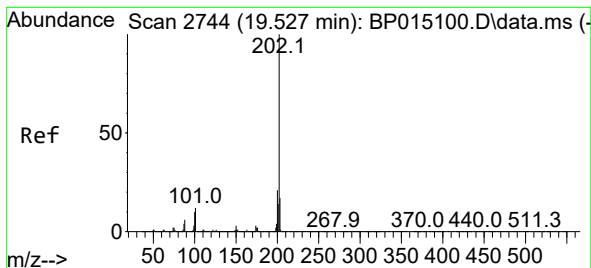
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 4.8 3.9 5.9





#80

Fluoranthene

Concen: 21.306 ng/ul

RT: 19.516 min Scan# 21

Delta R.T. -0.011 min

Lab File: BP015121.D

Acq: 16 May 2023 23:04

Instrument :

BNA_P

ClientSampleId :

SSTD020713

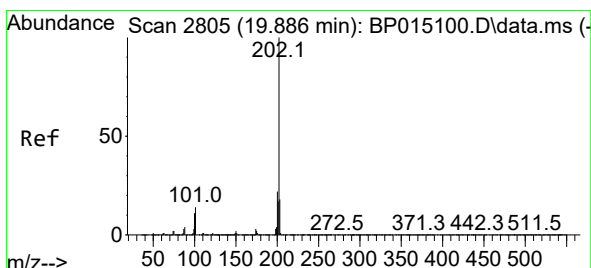
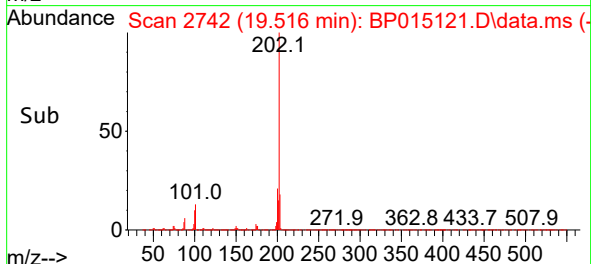
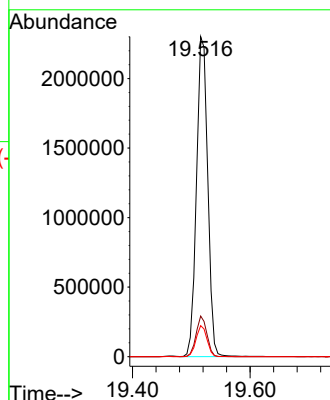
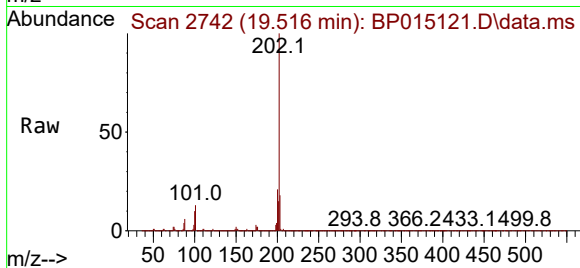
Tgt Ion:202 Resp: 3063131

Ion Ratio Lower Upper

202 100

101 12.7 9.5 14.3

100 9.7 7.3 10.9



#82

Pyrene

Concen: 21.294 ng/ul

RT: 19.869 min Scan# 2802

Delta R.T. -0.011 min

Lab File: BP015121.D

Acq: 16 May 2023 23:04

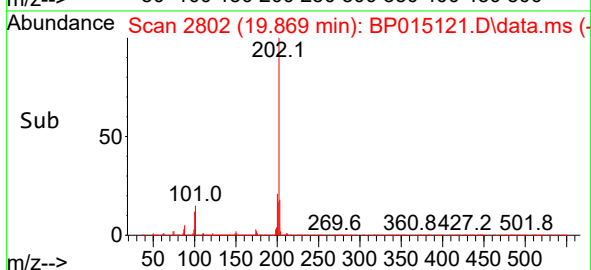
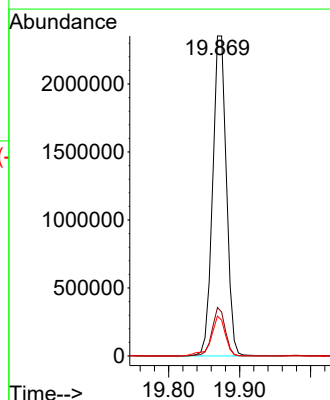
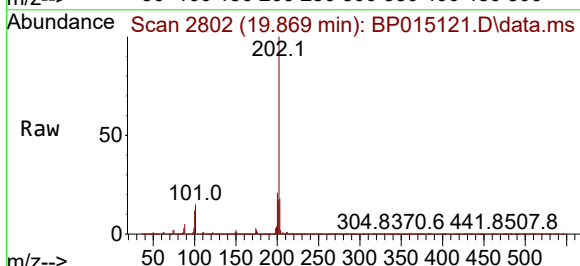
Tgt Ion:202 Resp: 3161430

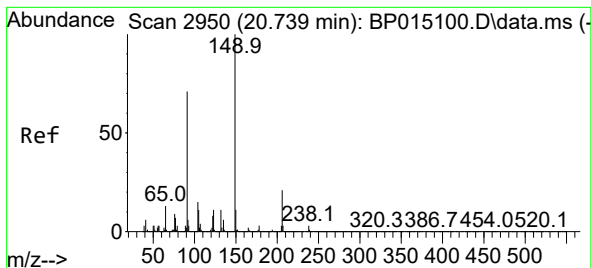
Ion Ratio Lower Upper

202 100

101 15.2 11.2 16.8

100 12.4 9.0 13.6





#83

Butylbenzylphthalate

Concen: 20.447 ng/ul

RT: 20.728 min Scan# 2950

Delta R.T. -0.005 min

Lab File: BP015121.D

Acq: 16 May 2023 23:04

Instrument :

BNA_P

ClientSampleId :

SSTD020713

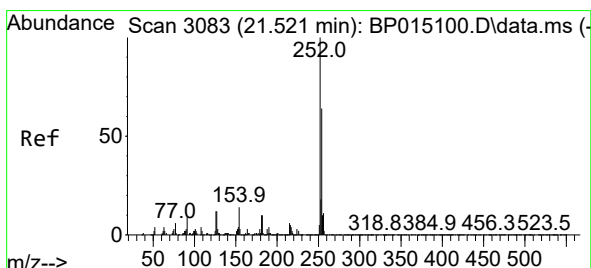
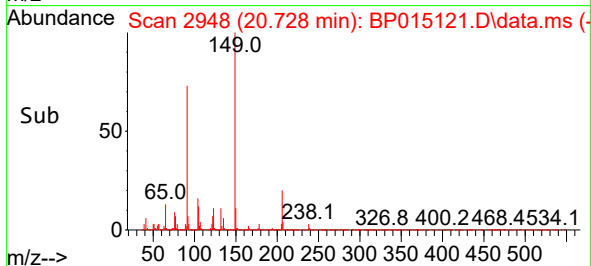
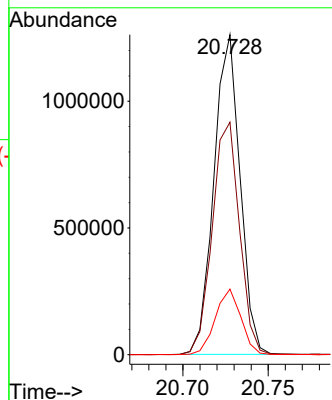
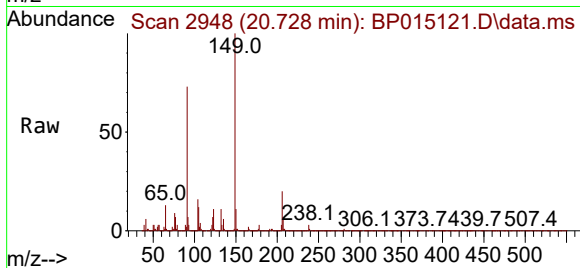
Tgt Ion:149 Resp: 1345776

Ion Ratio Lower Upper

149 100

91 72.7 57.4 86.2

206 20.5 16.6 25.0



#84

3,3'-Dichlorobenzidine

Concen: 20.682 ng/ul

RT: 21.510 min Scan# 3081

Delta R.T. -0.011 min

Lab File: BP015121.D

Acq: 16 May 2023 23:04

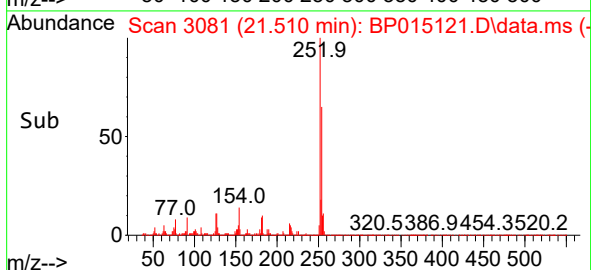
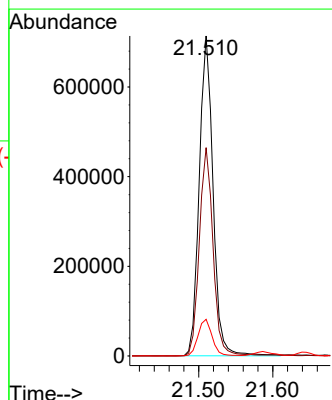
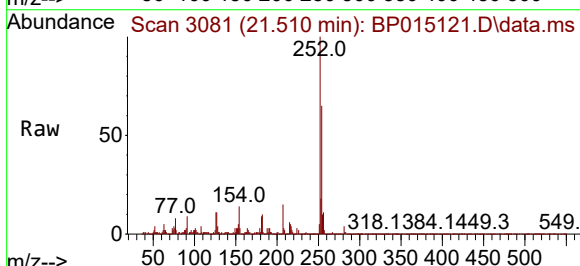
Tgt Ion:252 Resp: 923813

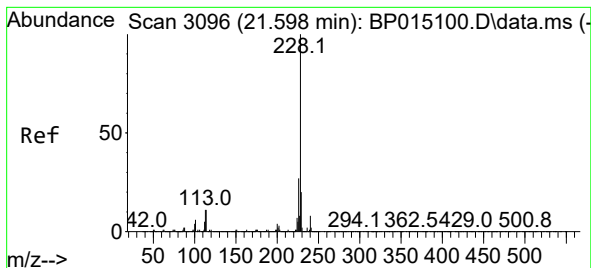
Ion Ratio Lower Upper

252 100

254 65.1 50.8 76.2

126 11.4 9.8 14.8





#85

Benzo(a)anthracene

Concen: 21.827 ng/ul

RT: 21.586 min Scan# 3096

Delta R.T. -0.011 min

Lab File: BP015121.D

Acq: 16 May 2023 23:04

Instrument :

BNA_P

ClientSampleId :

SSTD020713

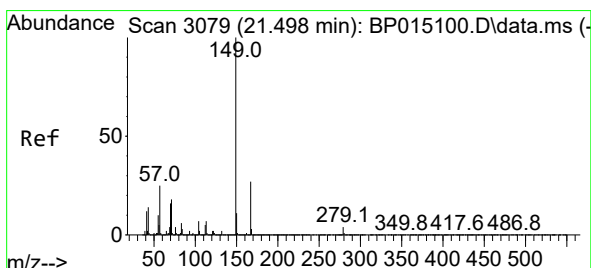
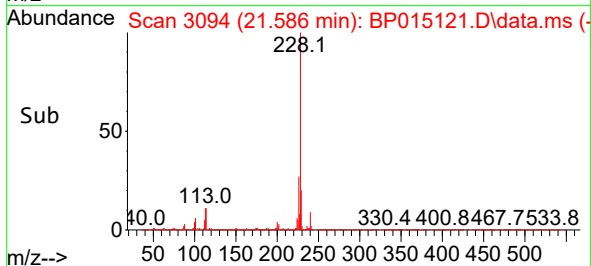
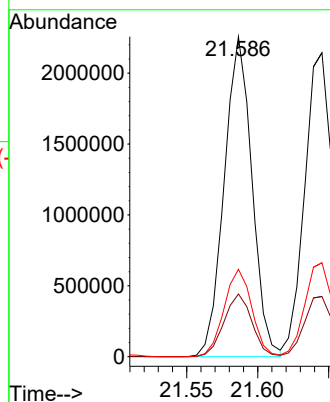
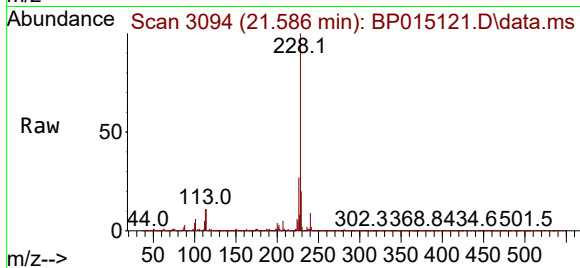
Tgt Ion:228 Resp: 3069482

Ion Ratio Lower Upper

228 100

229 19.6 16.1 24.1

226 27.3 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 20.353 ng/ul

RT: 21.486 min Scan# 3077

Delta R.T. -0.005 min

Lab File: BP015121.D

Acq: 16 May 2023 23:04

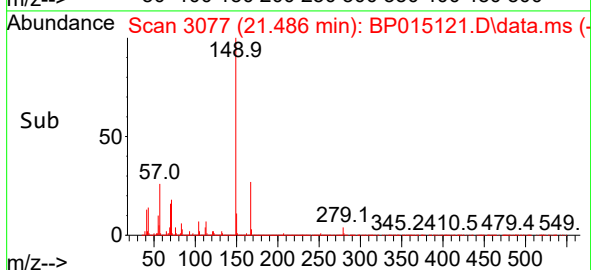
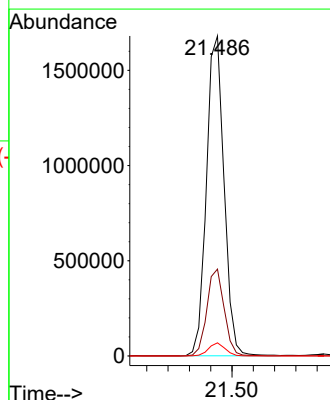
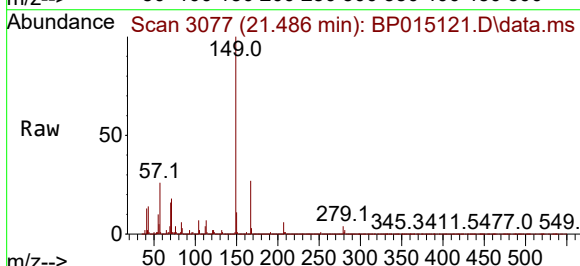
Tgt Ion:149 Resp: 1928572

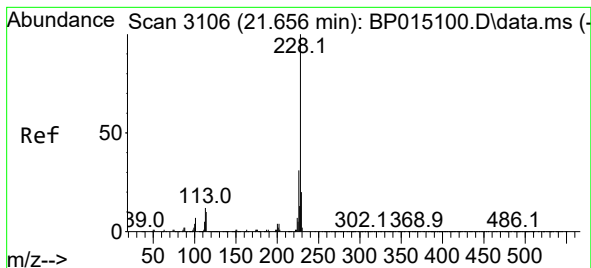
Ion Ratio Lower Upper

149 100

167 27.2 21.8 32.6

279 4.1 3.2 4.8





#87

Chrysene

Concen: 21.658 ng/ul

RT: 21.645 min Scan# 3106

Delta R.T. -0.005 min

Lab File: BP015121.D

Acq: 16 May 2023 23:04

Instrument :

BNA_P

ClientSampleId :

SSTD020713

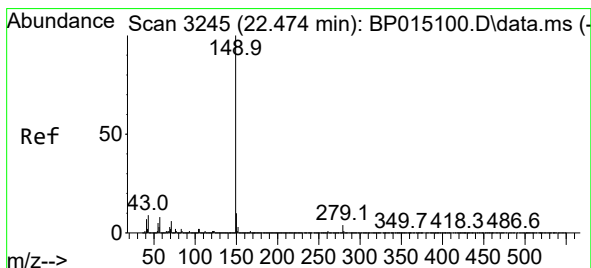
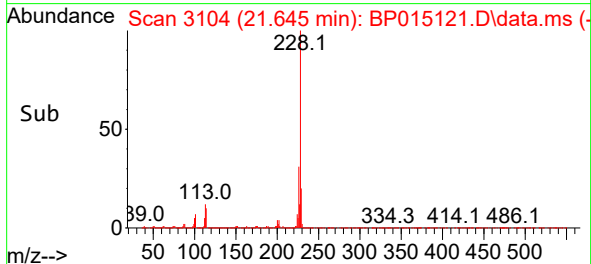
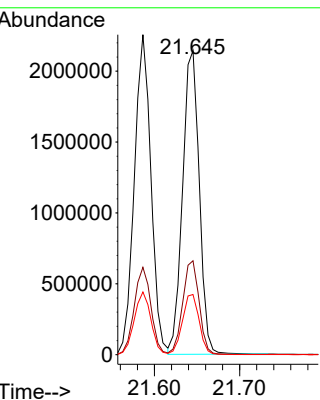
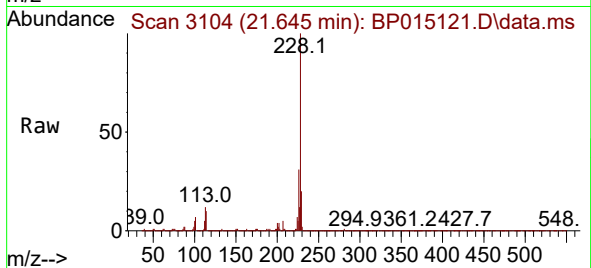
Tgt Ion:228 Resp: 2911472

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.6

229 19.8 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 22.246 ng/ul

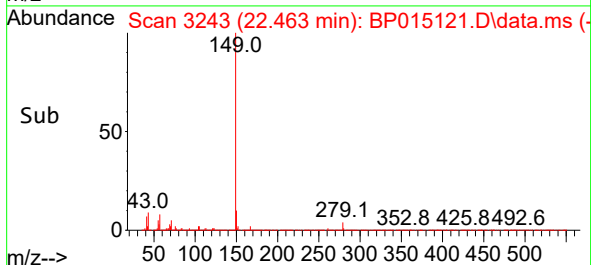
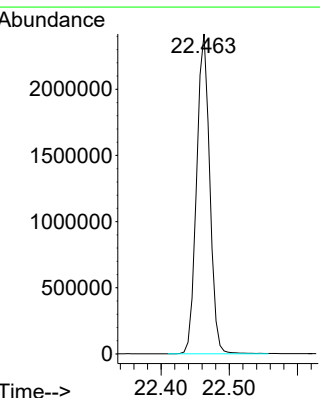
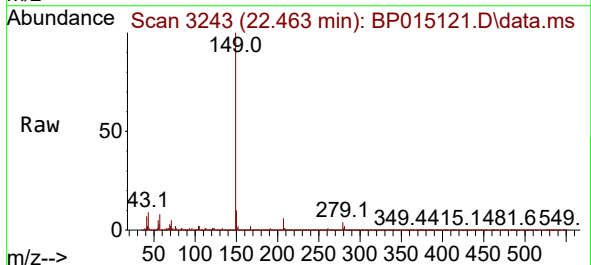
RT: 22.463 min Scan# 3243

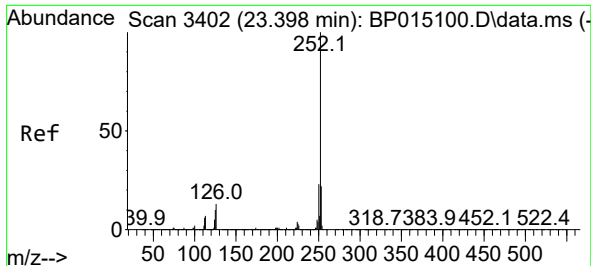
Delta R.T. -0.011 min

Lab File: BP015121.D

Acq: 16 May 2023 23:04

Tgt Ion:149 Resp: 3238629

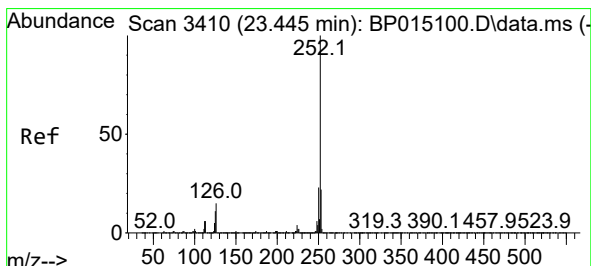
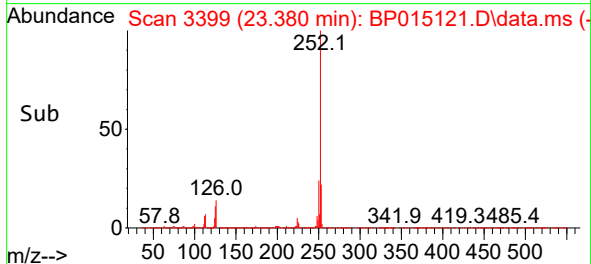
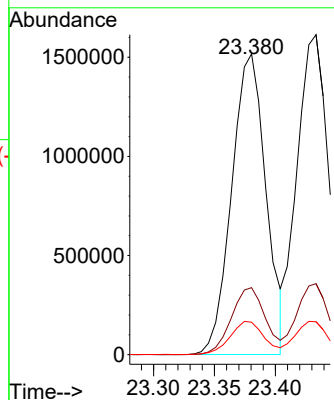
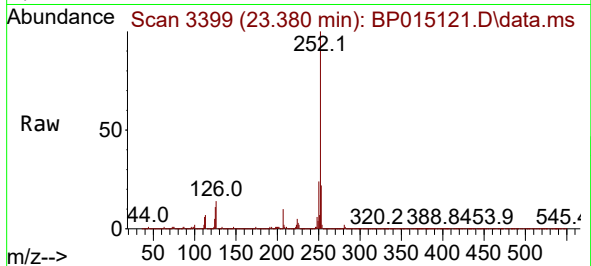




#90
Benzo(b)fluoranthene
Concen: 22.031 ng/ul
RT: 23.380 min Scan# 31
Delta R.T. -0.011 min
Lab File: BP015121.D
Acq: 16 May 2023 23:04

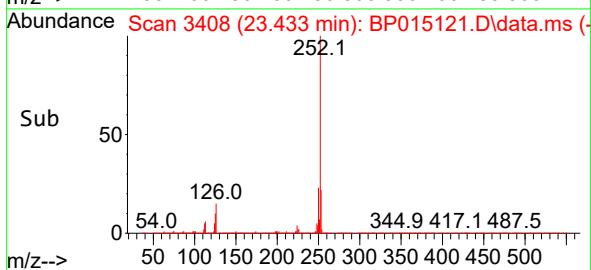
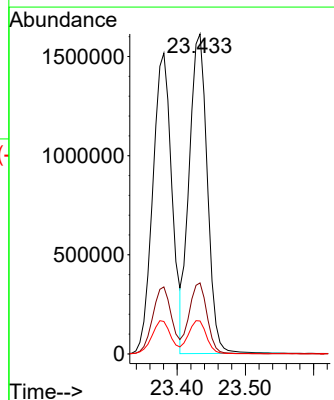
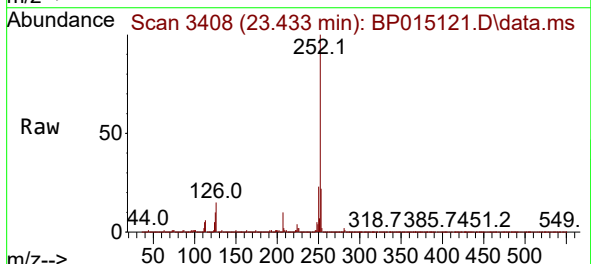
Instrument :
BNA_P
ClientSampleId :
SSTD020713

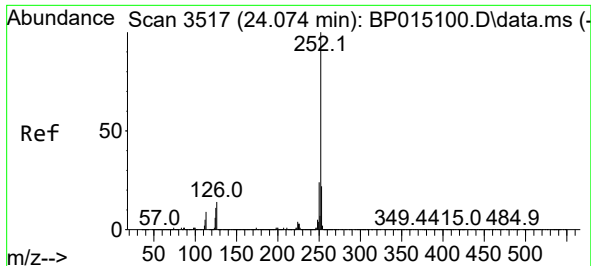
Tgt Ion:252 Resp: 2968939
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 10.8 8.3 12.5



#91
Benzo(k)fluoranthene
Concen: 22.877 ng/ul
RT: 23.433 min Scan# 3408
Delta R.T. -0.011 min
Lab File: BP015121.D
Acq: 16 May 2023 23:04

Tgt Ion:252 Resp: 2960218
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 10.3 8.5 12.7

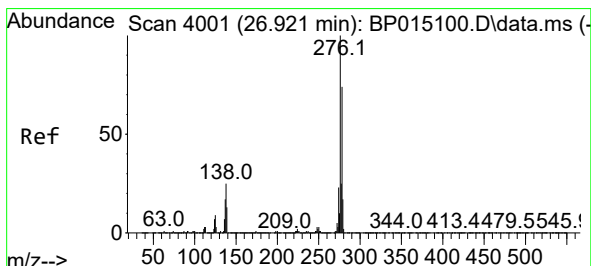
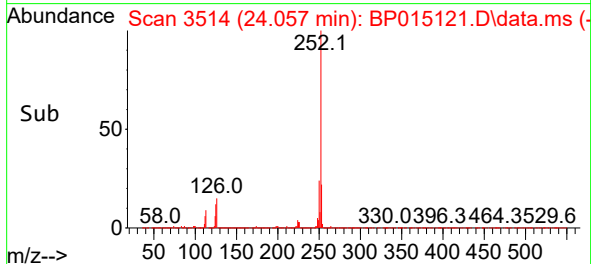
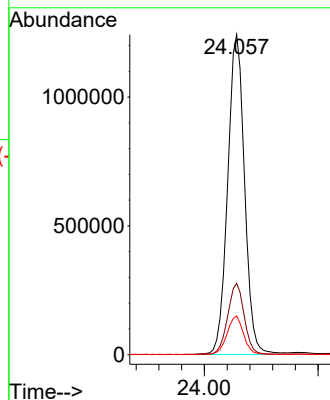
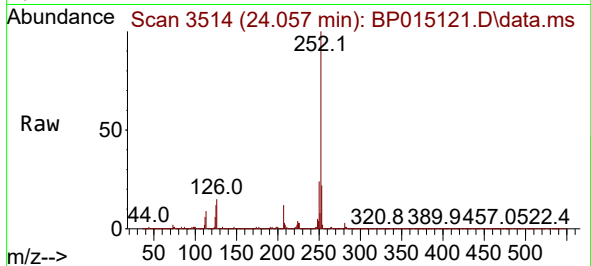




#93
Benzo(a)pyrene
Concen: 21.534 ng/ul
RT: 24.057 min Scan# 31
Delta R.T. -0.017 min
Lab File: BP015121.D
Acq: 16 May 2023 23:04

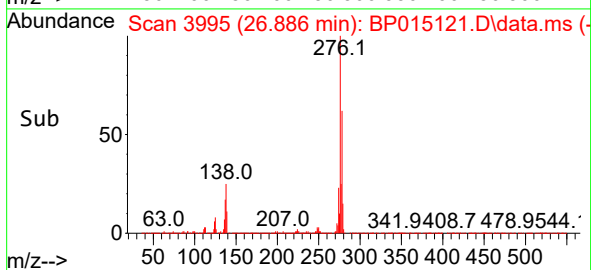
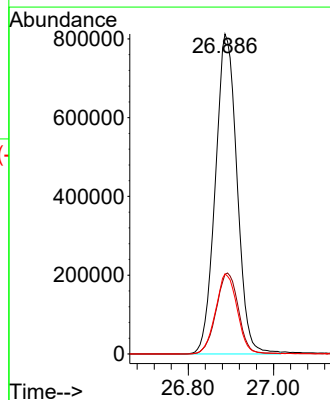
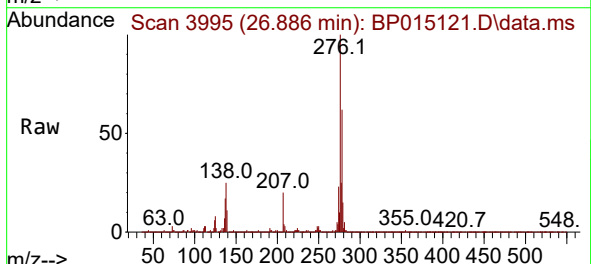
Instrument :
BNA_P
ClientSampleId :
SSTD020713

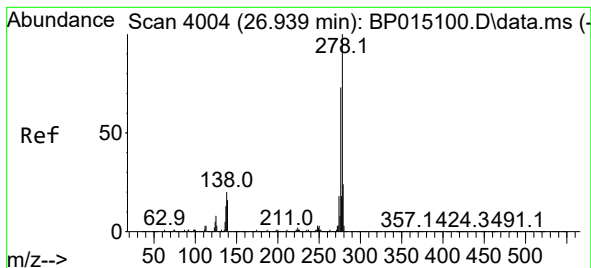
Tgt Ion:252 Resp: 2565031
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 12.1 9.1 13.7



#94
Indeno(1,2,3-cd)pyrene
Concen: 18.586 ng/ul
RT: 26.886 min Scan# 3995
Delta R.T. -0.029 min
Lab File: BP015121.D
Acq: 16 May 2023 23:04

Tgt Ion:276 Resp: 2866515
Ion Ratio Lower Upper
276 100
138 24.9 20.1 30.1
277 25.0 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 19.079 ng/ul

RT: 26.910 min Scan# 3999

Delta R.T. -0.023 min

Lab File: BP015121.D

Acq: 16 May 2023 23:04

Instrument :

BNA_P

ClientSampleId :

SSTD020713

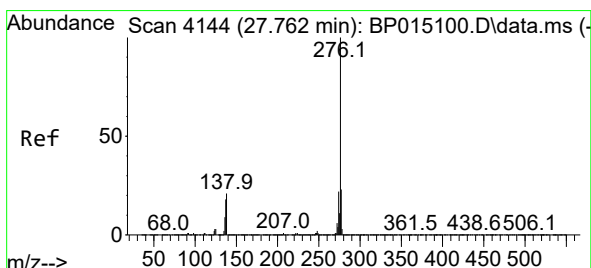
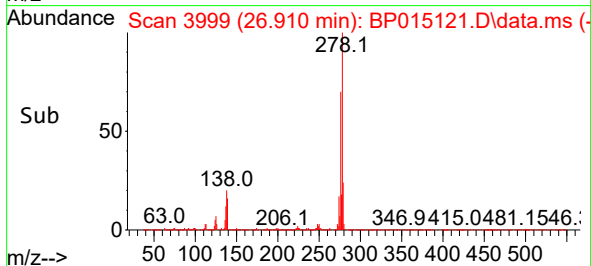
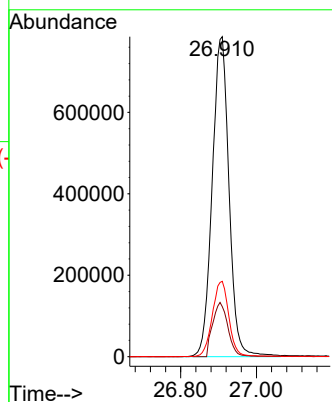
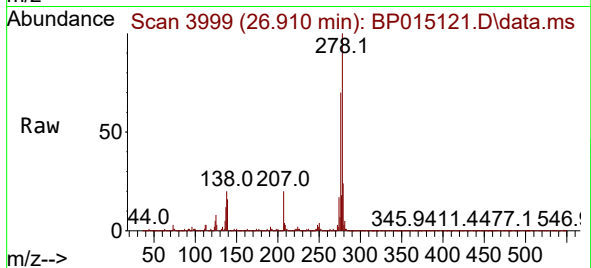
Tgt Ion:278 Resp: 2415476

Ion Ratio Lower Upper

278 100

139 15.7 13.3 19.9

279 23.6 19.1 28.7



#96

Benzo(g,h,i)perylene

Concen: 17.651 ng/ul

RT: 27.733 min Scan# 4139

Delta R.T. -0.023 min

Lab File: BP015121.D

Acq: 16 May 2023 23:04

Tgt Ion:276 Resp: 2219841

Ion Ratio Lower Upper

276 100

138 21.2 17.7 26.5

277 23.4 18.8 28.2

