

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051723\
 Data File : BP015134.D
 Acq On : 17 May 2023 19:47
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020716

Quant Time: May 18 01:13:44 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	301830	20.000	ng/u1	0.00
20) Naphthalene-d8	10.957	136	1402884	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.769	164	883959	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.522	188	1915304	20.000	ng/u1	0.00
79) Chrysene-d12	21.598	240	1632327	20.000	ng/u1	0.00
88) Perylene-d12	24.163	264	1568876	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	65660	8.452	ng/uL	0.00
4) Pyridine-d5	3.870	84	480349	21.814	ng/u1	0.00
7) Phenol-d5	7.275	99	597274	21.313	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	368684	22.779	ng/u1	0.00
11) 2-Chlorophenol-d4	7.652	132	437527	21.234	ng/u1	0.00
15) 4-Methylphenol-d8	8.840	113	451968	20.240	ng/u1	0.00
21) Nitrobenzene-d5	9.305	128	215272	19.528	ng/u1	0.00
24) 2-Nitrophenol-d4	10.034	143	253321	20.652	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.575	165	471082	21.283	ng/u1	0.00
31) 4-Chloroaniline-d4	11.093	131	718671	21.945	ng/u1	0.00
46) Dimethylphthalate-d6	14.169	166	1441625	21.582	ng/u1	0.00
49) Acenaphthylene-d8	14.463	160	1663653	21.777	ng/u1	0.00
54) 4-Nitrophenol-d4	14.957	143	267432	20.618	ng/u1	0.00
60) Fluorene-d10	15.757	176	1235203	21.915	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	233105	19.312	ng/u1	0.00
73) Anthracene-d10	17.622	188	1904023	21.710	ng/u1	0.00
81) Pyrene-d10	19.839	212	2013079	21.264	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.998	264	1661670	21.336	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.470	88	71092	8.517	ng/uL	98
5) Pyridine	3.893	79	497823	21.738	ng/u1	98
6) Benzaldehyde	7.258	77	154621	20.074	ng/u1	98
8) Phenol	7.305	94	626544	21.803	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.540	93	514790	22.391	ng/u1	99
12) 2-Chlorophenol	7.687	128	474297	21.762	ng/u1	98
13) 2-Methylphenol	8.569	108	477852	21.515	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.663	45	678741	23.563	ng/u1	98
16) Acetophenone	8.963	105	755862	21.688	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.946	70	385881	21.111	ng/u1	98
18) 4-Methylphenol	8.905	108	504635	20.643	ng/u1	98
19) Hexachloroethane	9.222	117	181213	20.363	ng/u1	97
22) Nitrobenzene	9.346	77	553322	20.323	ng/u1	99
23) Isophorone	9.875	82	1196743	21.385	ng/u1	100
25) 2-Nitrophenol	10.063	139	287220	21.354	ng/u1	97
26) 2,4-Dimethylphenol	10.116	107	590373	21.995	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.358	93	748346	21.978	ng/u1	97
29) 2,4-Dichlorophenol	10.599	162	483386	21.621	ng/u1	99
30) Naphthalene	11.010	128	1652009	21.660	ng/u1	100
32) 4-Chloroaniline	11.116	127	748471	22.237	ng/u1	99
33) Hexachlorobutadiene	11.293	225	284526	21.115	ng/u1	99
34) Caprolactam	11.893	113	94311	11.189	ng/u1	93
35) 4-Chloro-3-methylphenol	12.228	107	550827	21.820	ng/u1	99
36) 2-Methylnaphthalene	12.604	142	1112047	21.640	ng/u1	99

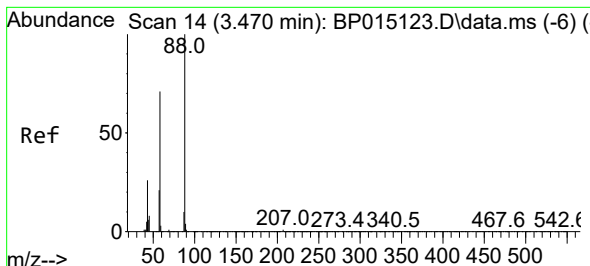
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.822	142	1120420	21.711	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.969	216	577670	21.851	ng/ul	99
40) Hexachlorocyclopentadiene	12.946	237	317196	18.518	ng/ul	98
41) 2,4,6-Trichlorophenol	13.204	196	372624	19.960	ng/ul	98
42) 2,4,5-Trichlorophenol	13.281	196	410364	20.274	ng/ul	99
43) 1,1'-Biphenyl	13.604	154	1476287	21.525	ng/ul	98
44) 2-Chloronaphthalene	13.651	162	1162137	21.698	ng/ul	99
45) 2-Nitroaniline	13.851	65	324886	21.200	ng/ul	93
47) Dimethylphthalate	14.216	163	1512808	21.747	ng/ul	100
48) 2,6-Dinitrotoluene	14.346	165	295395	21.433	ng/ul	98
50) Acenaphthylene	14.493	152	1883148	22.092	ng/ul	100
51) 3-Nitroaniline	14.675	138	227597	18.340	ng/ul	99
52) Acenaphthene	14.834	153	1295592	22.254	ng/ul	99
53) 2,4-Dinitrophenol	14.881	184	164415	17.968	ng/ul	96
55) 4-Nitrophenol	14.969	109	214371	22.471	ng/ul	95
56) Dibenzofuran	15.163	168	1797048	22.192	ng/ul	99
57) 2,4-Dinitrotoluene	15.128	165	430212	21.572	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.387	232	362649	21.229	ng/ul	97
59) Diethylphthalate	15.575	149	1495935	21.561	ng/ul	99
61) Fluorene	15.816	166	1444595	22.199	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.804	204	698005	21.952	ng/ul	98
63) 4-Nitroaniline	15.834	138	190864	17.810	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.893	198	242660	19.479	ng/ul	97
67) N-Nitrosodiphenylamine	16.016	169	1230928	21.857	ng/ul	99
68) 4-Bromophenyl-phenylether	16.704	248	420413	21.311	ng/ul	98
69) Hexachlorobenzene	16.822	284	490326	21.032	ng/ul	98
70) Atrazine	16.969	200	440411	21.157	ng/ul	99
71) Pentachlorophenol	17.169	266	284624	19.518	ng/ul	98
72) Phenanthrene	17.563	178	2282580	21.886	ng/ul	99
74) Anthracene	17.657	178	2324518	22.041	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.575	216	576685	21.236	ng/ul	100
76) Pentachlorobenzene	15.087	250	592078	21.714	ng/ul	99
77) Carbazole	17.922	167	2065554	22.335	ng/ul	100
78) Di-n-butylphthalate	18.451	149	2416512	20.291	ng/ul	100
80) Fluoranthene	19.516	202	2467276	21.382	ng/ul	99
82) Pyrene	19.869	202	2572232	21.586	ng/ul	99
83) Butylbenzylphthalate	20.722	149	1065375	20.167	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.510	252	738943	20.612	ng/ul	98
85) Benzo(a)anthracene	21.580	228	2444901	21.662	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.480	149	1538202	20.225	ng/ul	100
87) Chrysene	21.639	228	2347164	21.754	ng/ul	99
89) Di-n-octyl phthalate	22.457	149	2536174	23.604	ng/ul	100
90) Benzo(b)fluoranthene	23.374	252	2275928	22.883	ng/ul	100
91) Benzo(k)fluoranthene	23.427	252	2239073	23.445	ng/ul	100
93) Benzo(a)pyrene	24.045	252	1928092	21.932	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.880	276	2152776	18.913	ng/ul	99
95) Dibenzo(a,h)anthracene	26.898	278	1788537	19.141	ng/ul	99
96) Benzo(g,h,i)perylene	27.715	276	1696537	18.278	ng/ul	99

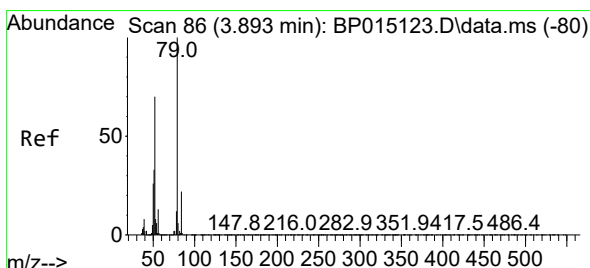
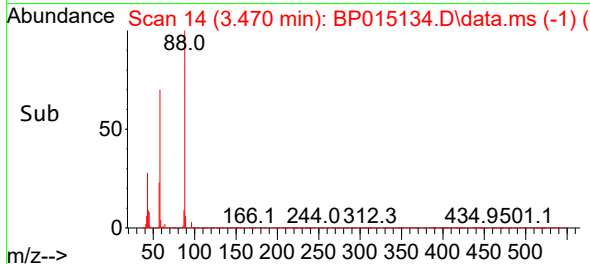
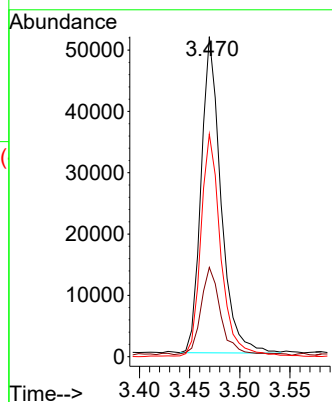
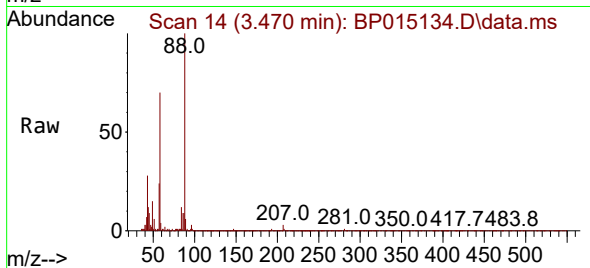
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#2
1,4-Dioxane
Concen: 8.517 ng/uL
RT: 3.470 min Scan# 14
Delta R.T. 0.000 min
Lab File: BP015134.D
Acq: 17 May 2023 19:47

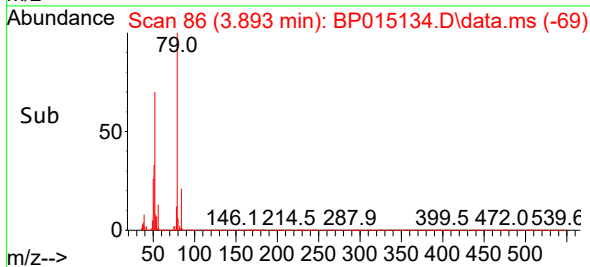
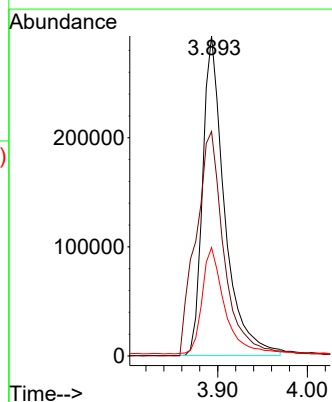
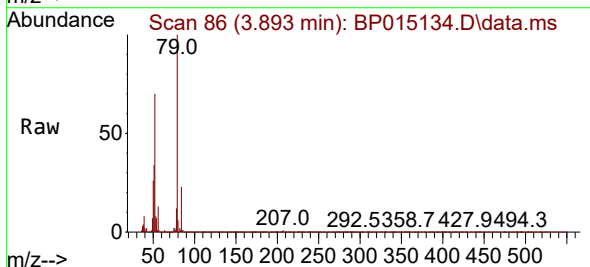
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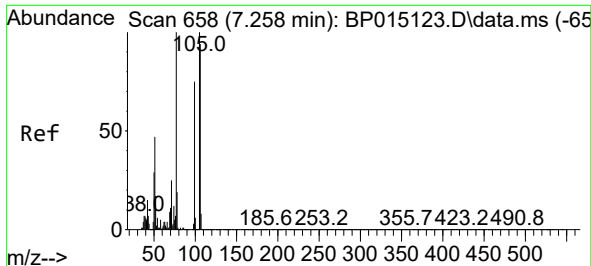
Tgt Ion: 88 Resp: 71092
Ion Ratio Lower Upper
88 100
43 27.9 20.4 30.6
58 69.5 55.4 83.2



#5
Pyridine
Concen: 21.738 ng/uL
RT: 3.893 min Scan# 86
Delta R.T. 0.000 min
Lab File: BP015134.D
Acq: 17 May 2023 19:47

Tgt Ion: 79 Resp: 497823
Ion Ratio Lower Upper
79 100
52 70.2 55.4 83.2
51 33.9 25.4 38.2

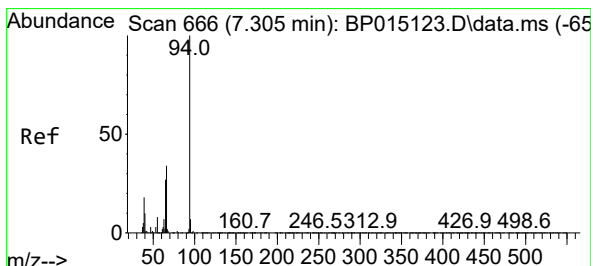
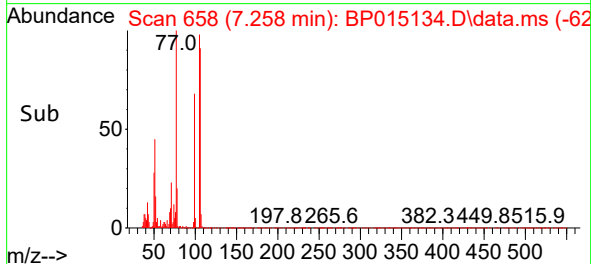
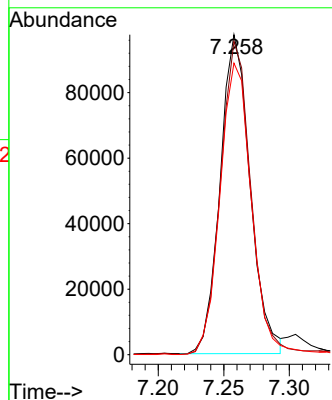
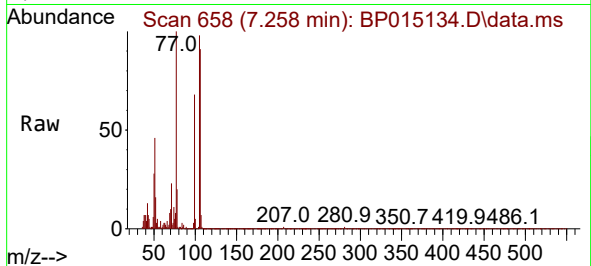




#6
Benzaldehyde
Concen: 20.074 ng/ul
RT: 7.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP015134.D
Acq: 17 May 2023 19:47

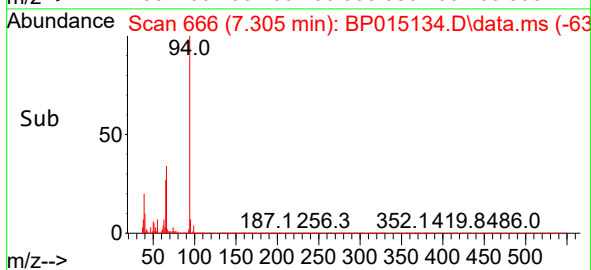
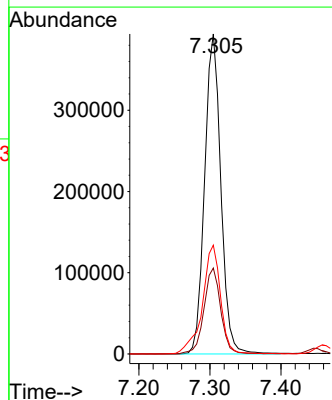
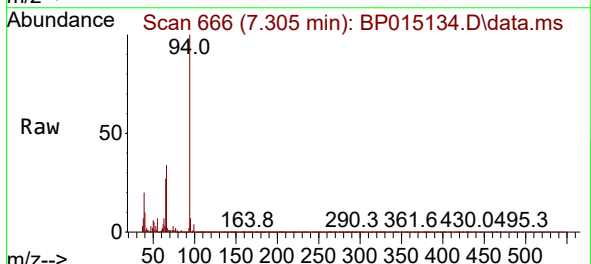
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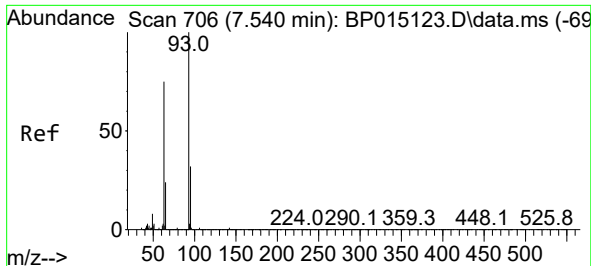
Tgt Ion: 77 Resp: 154621
Ion Ratio Lower Upper
77 100
105 97.9 76.9 115.3
106 91.1 75.0 112.6



#8
Phenol
Concen: 21.803 ng/ul
RT: 7.305 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP015134.D
Acq: 17 May 2023 19:47

Tgt Ion: 94 Resp: 626544
Ion Ratio Lower Upper
94 100
65 26.8 20.6 31.0
66 34.0 26.1 39.1

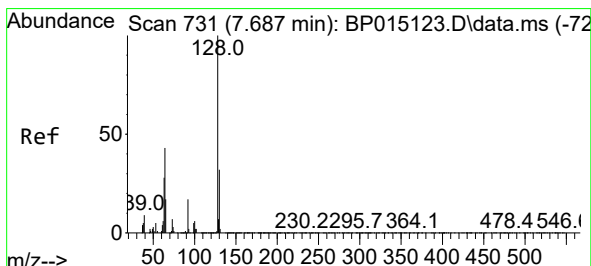
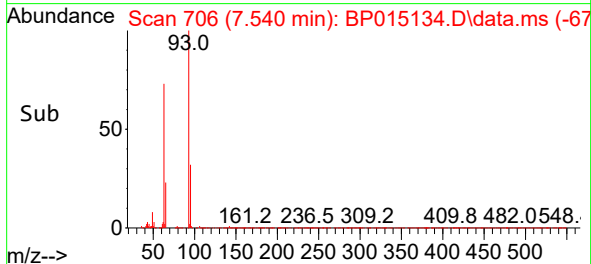
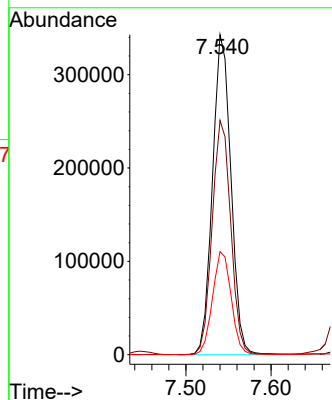
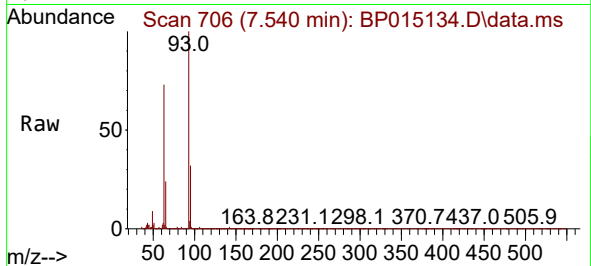




#10
Bis(2-Chloroethyl)ether
Concen: 22.391 ng/ul
RT: 7.540 min Scan# 706
Delta R.T. 0.000 min
Lab File: BP015134.D
Acq: 17 May 2023 19:47

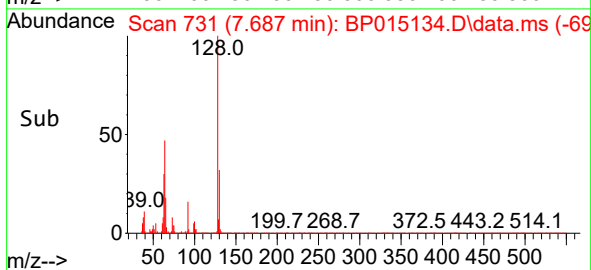
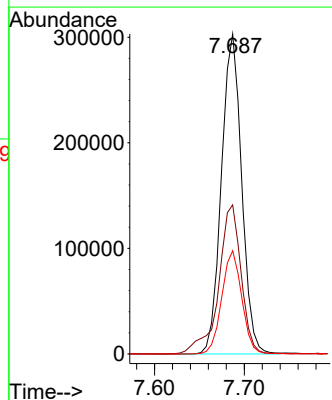
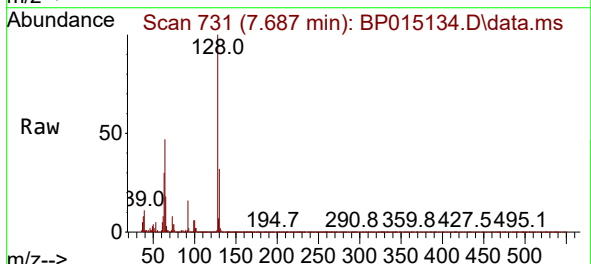
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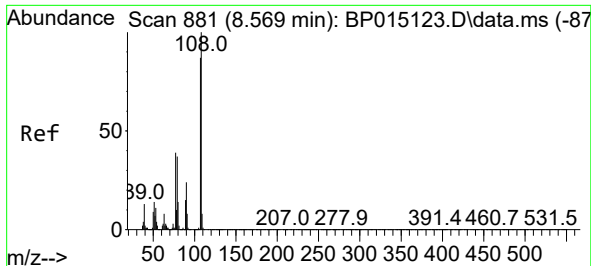
Tgt Ion: 93 Resp: 514790
Ion Ratio Lower Upper
93 100
63 73.2 58.0 87.0
95 32.2 26.4 39.6



#12
2-Chlorophenol
Concen: 21.762 ng/ul
RT: 7.687 min Scan# 731
Delta R.T. 0.000 min
Lab File: BP015134.D
Acq: 17 May 2023 19:47

Tgt Ion: 128 Resp: 474297
Ion Ratio Lower Upper
128 100
64 46.6 36.2 54.2
130 32.3 26.3 39.5





#13

2-Methylphenol

Concen: 21.515 ng/ul

RT: 8.569 min Scan# 881

Delta R.T. -0.006 min

Lab File: BP015134.D

Acq: 17 May 2023 19:47

Instrument :

BNA_P

ClientSampleId :

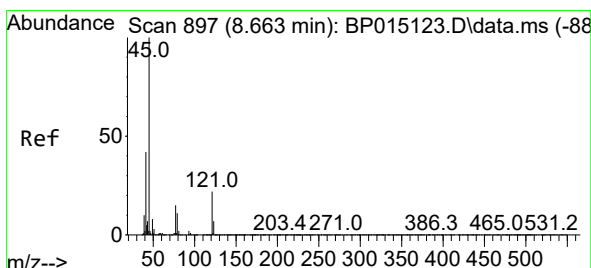
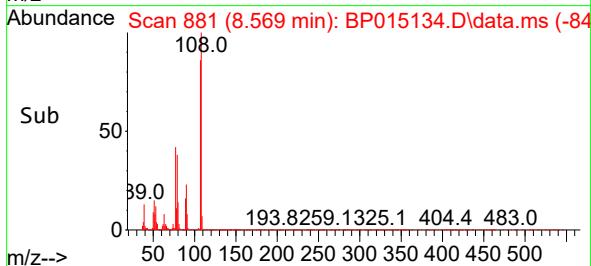
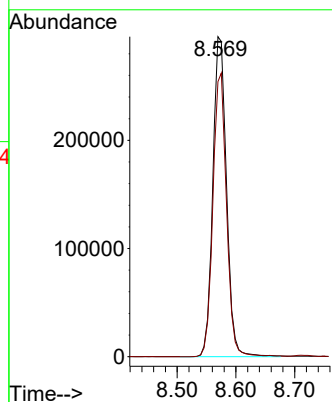
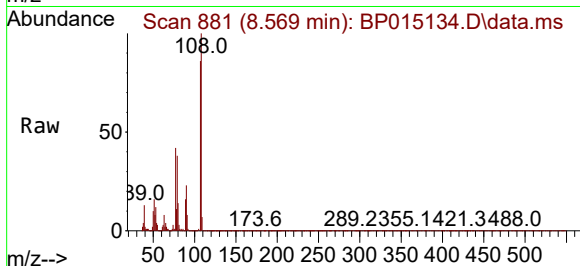
SSTD020716

Tgt Ion:108 Resp: 477852

Ion Ratio Lower Upper

108 100

107 86.0 71.8 107.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 23.563 ng/ul

RT: 8.663 min Scan# 897

Delta R.T. 0.006 min

Lab File: BP015134.D

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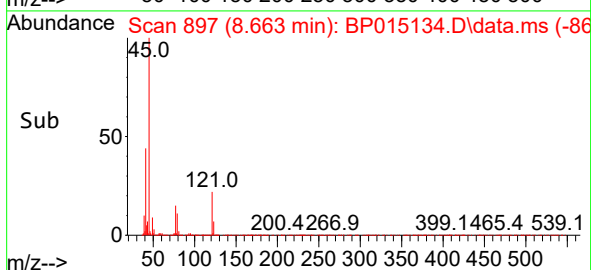
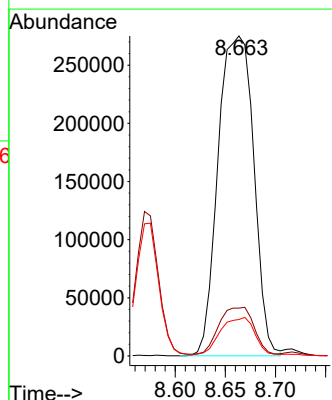
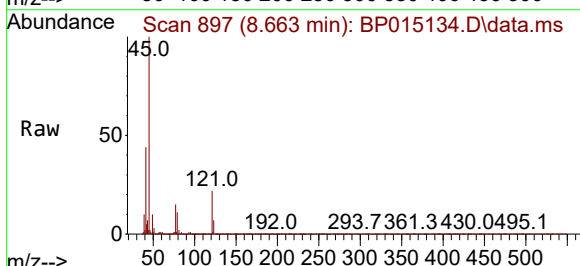
Tgt Ion: 45 Resp: 678741

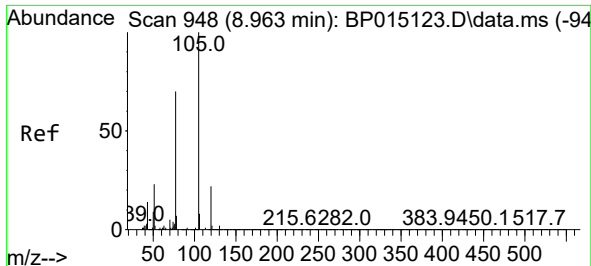
Ion Ratio Lower Upper

45 100

77 15.0 12.8 19.2

79 11.4 9.5 14.3

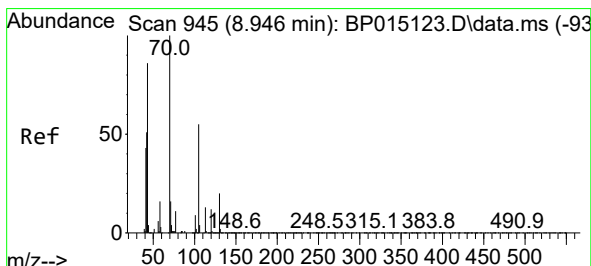
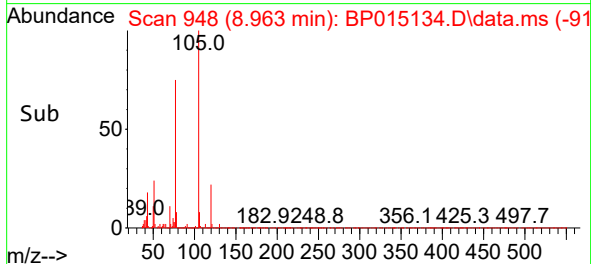
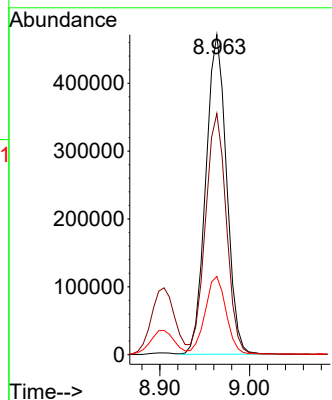
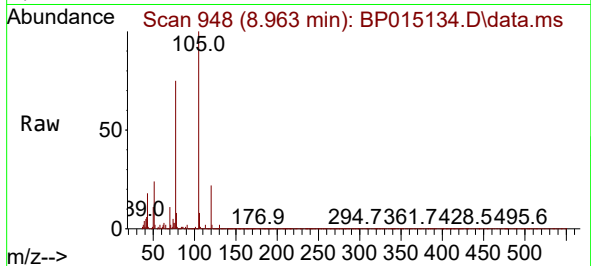




#16
Acetophenone
Concen: 21.688 ng/ul
RT: 8.963 min Scan# 948
Delta R.T. 0.000 min
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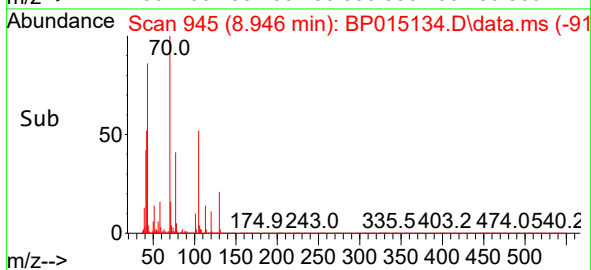
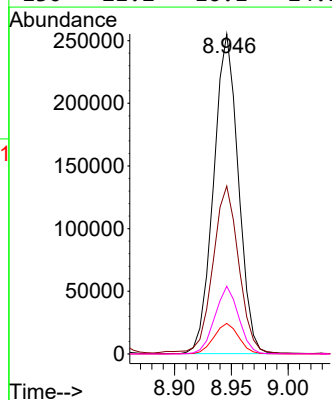
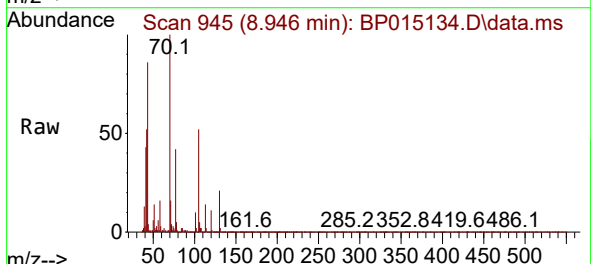
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SSTD020716

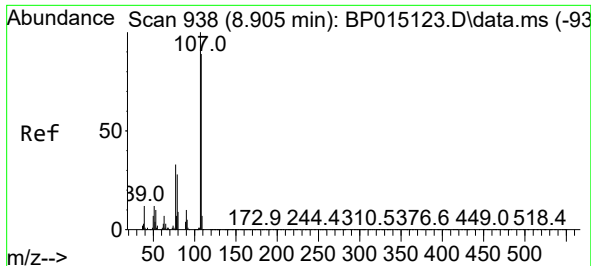
Tgt Ion:105 Resp: 755862
Ion Ratio Lower Upper
105 100
77 75.3 59.4 89.2
51 24.4 19.2 28.8



#17
N-Nitroso-di-n-propylamine
Concen: 21.111 ng/ul
RT: 8.946 min Scan# 945
Delta R.T. 0.000 min
Lab File: BP015134.D
Acq: 17 May 2023 19:47

Tgt Ion: 70 Resp: 385881
Ion Ratio Lower Upper
70 100
42 52.4 41.0 61.6
101 9.5 7.9 11.9
130 21.2 16.1 24.1





#18

4-Methylphenol

Concen: 20.643 ng/ul

RT: 8.905 min Scan# 91

Delta R.T. 0.000 min

Lab File: BP015134.D

Acq: 17 May 2023 19:47

Instrument :

BNA_P

ClientSampleId :

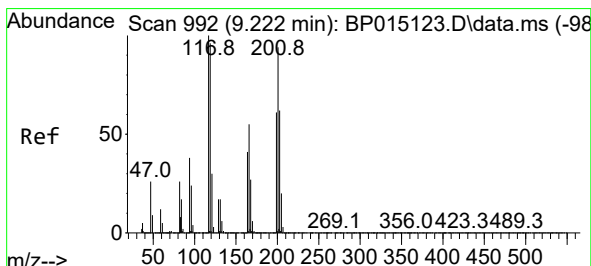
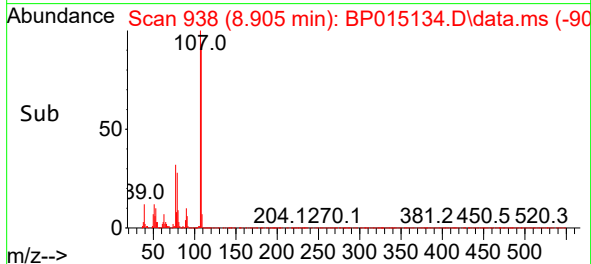
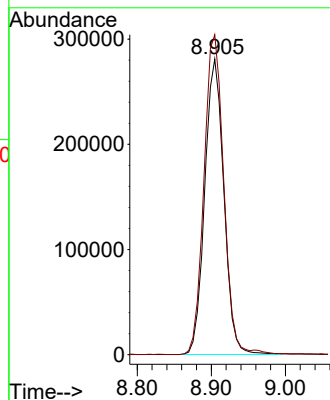
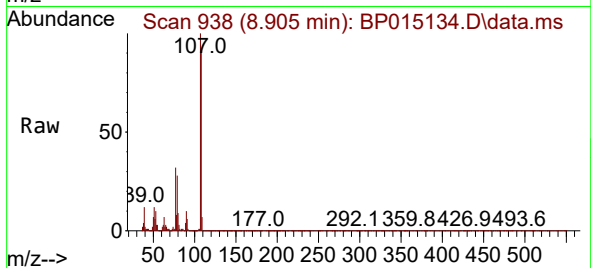
SSTD020716

Tgt Ion:108 Resp: 504635

Ion Ratio Lower Upper

108 100

107 108.2 88.5 132.7



#19

Hexachloroethane

Concen: 20.363 ng/ul

RT: 9.222 min Scan# 992

Delta R.T. 0.000 min

Lab File: BP015134.D

Acq: 17 May 2023 19:47

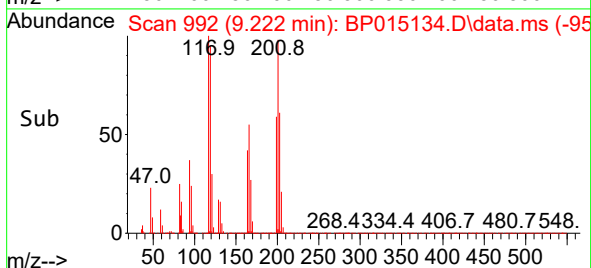
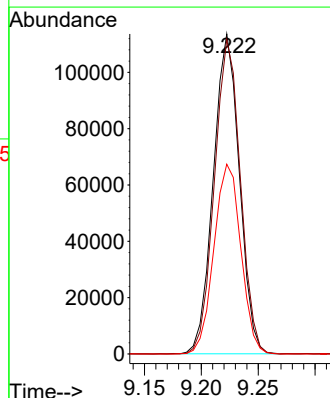
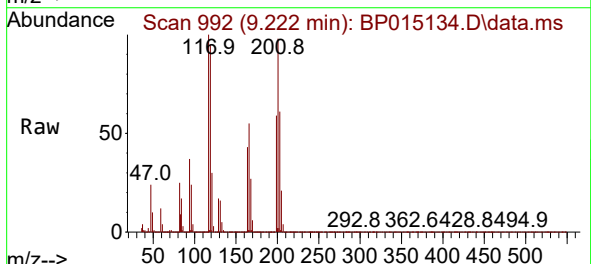
Tgt Ion:117 Resp: 181213

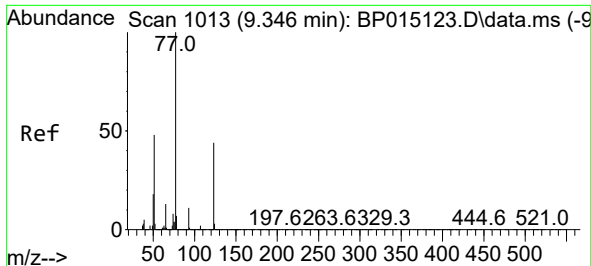
Ion Ratio Lower Upper

117 100

201 98.2 75.8 113.8

199 59.3 46.5 69.7

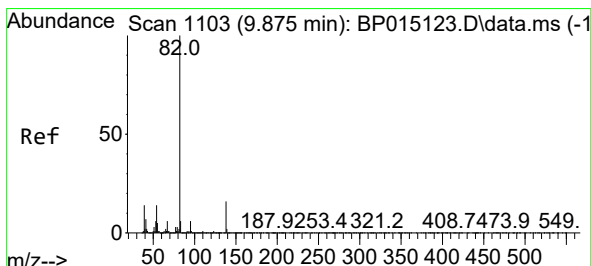
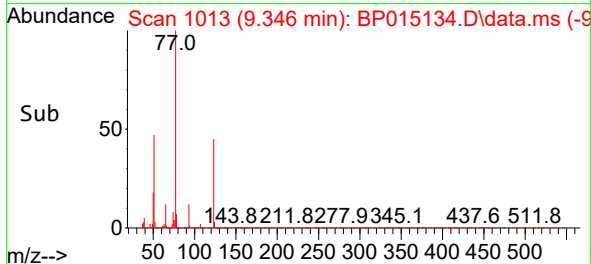
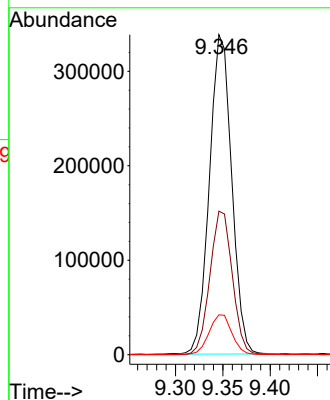
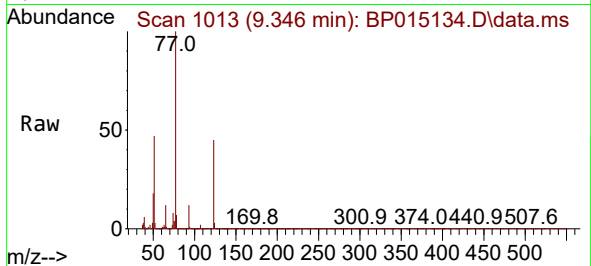




#22
Nitrobenzene
Concen: 20.323 ng/ul
RT: 9.346 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BP015134.D
Acq: 17 May 2023 19:47

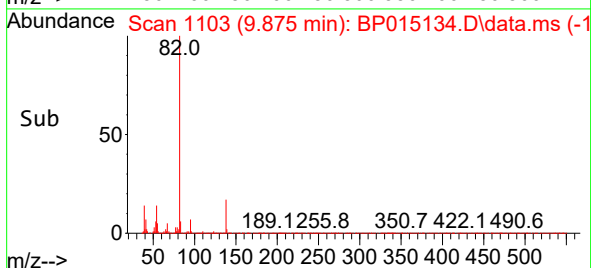
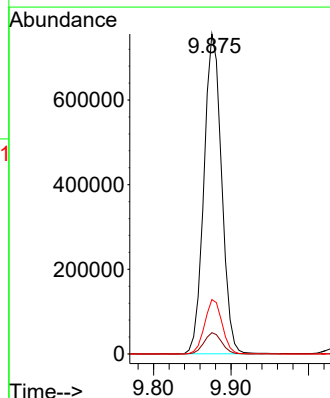
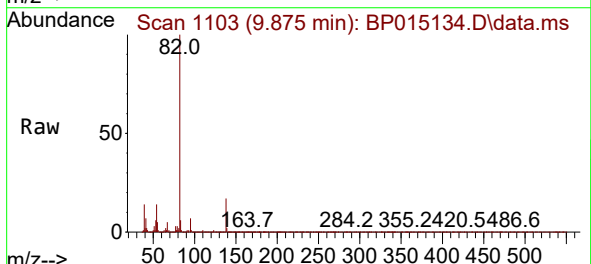
Instrument :
BNA_P
ClientSampleId :
SSTD020716

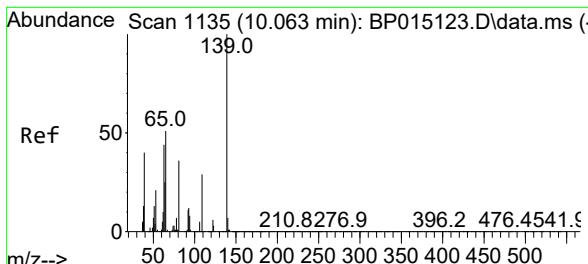
Tgt Ion: 77 Resp: 553322
Ion Ratio Lower Upper
77 100
123 44.8 36.2 54.2
65 12.5 10.1 15.1



#23
Isophorone
Concen: 21.385 ng/ul
RT: 9.875 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BP015134.D
Acq: 17 May 2023 19:47

Tgt Ion: 82 Resp: 1196743
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 17.0 13.6 20.4

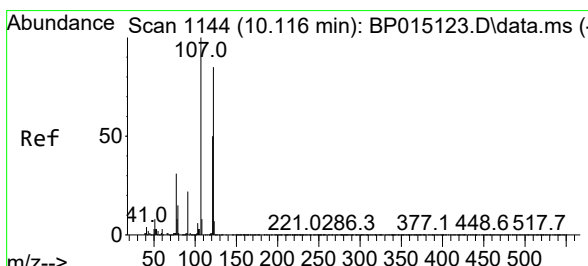
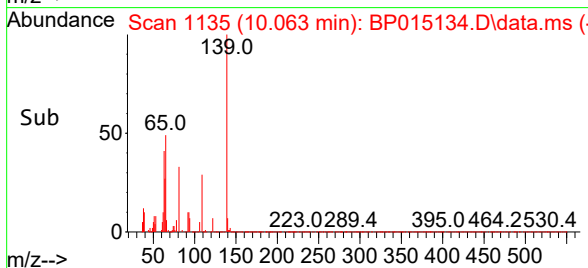
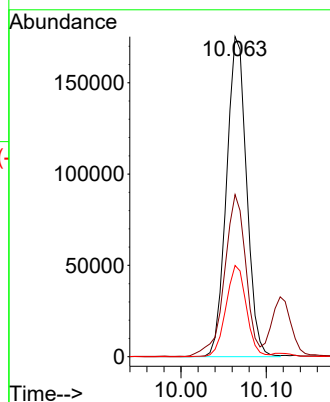
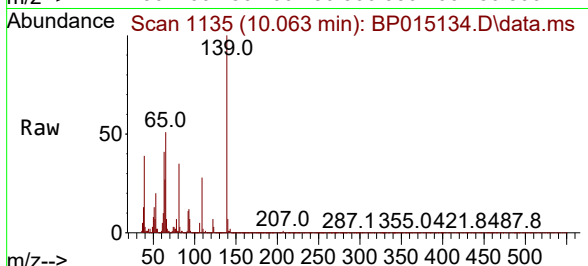




#25
2-Nitrophenol
Concen: 21.354 ng/ul
RT: 10.063 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP015134.D
Acq: 17 May 2023 19:47

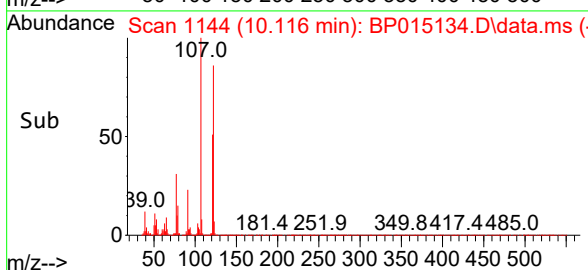
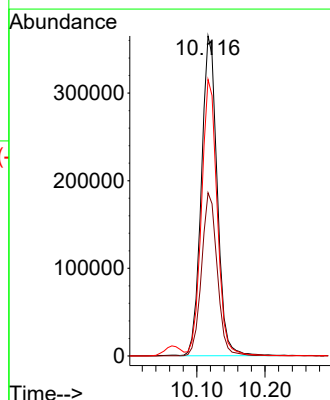
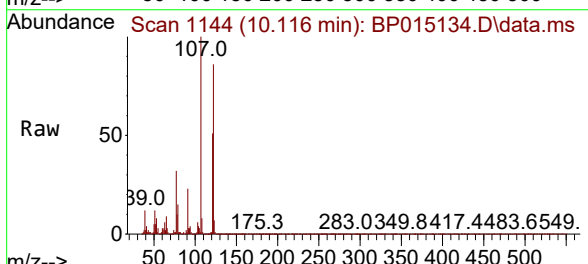
Instrument :
BNA_P
ClientSampleId :
SSTD020716

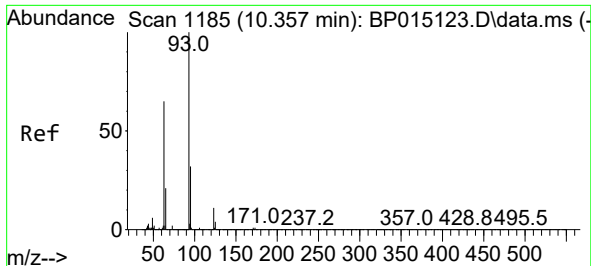
Tgt Ion:139 Resp: 287220
Ion Ratio Lower Upper
139 100
65 50.6 38.4 57.6
109 28.5 22.2 33.2



#26
2,4-Dimethylphenol
Concen: 21.995 ng/ul
RT: 10.116 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BP015134.D
Acq: 17 May 2023 19:47

Tgt Ion:107 Resp: 590373
Ion Ratio Lower Upper
107 100
121 51.0 41.0 61.6
122 86.4 69.5 104.3

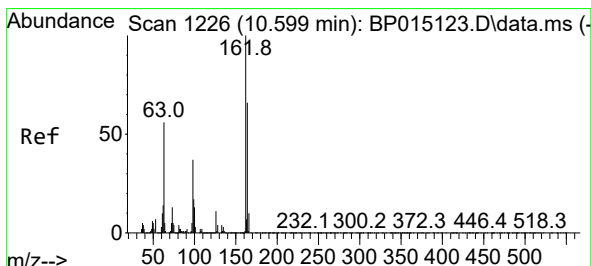
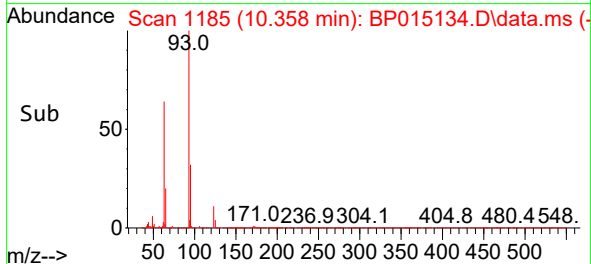
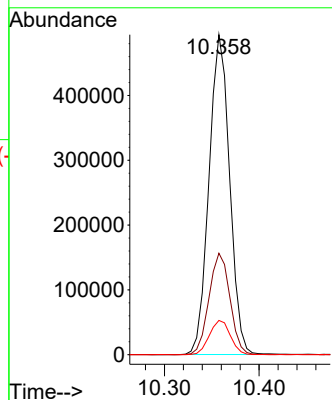
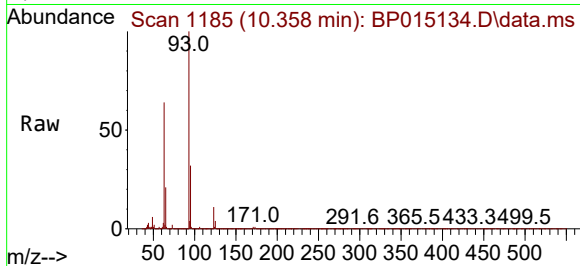




#27
 Bis(2-Chloroethoxy)methane
 Concen: 21.978 ng/ul
 RT: 10.358 min Scan# 1185
 Delta R.T. 0.000 min
 Lab File: BP015134.D
 Acq: 17 May 2023 19:47

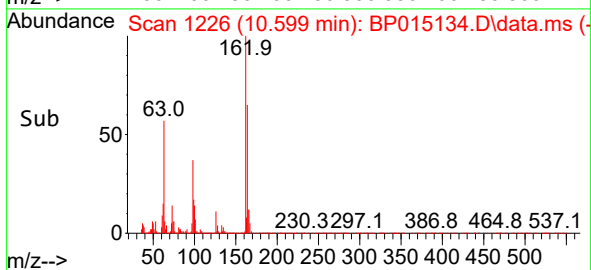
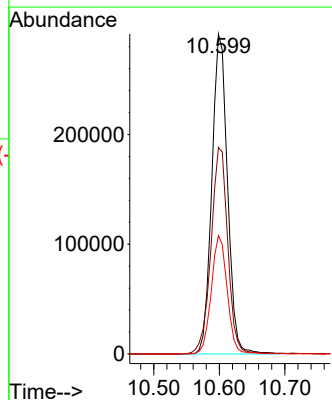
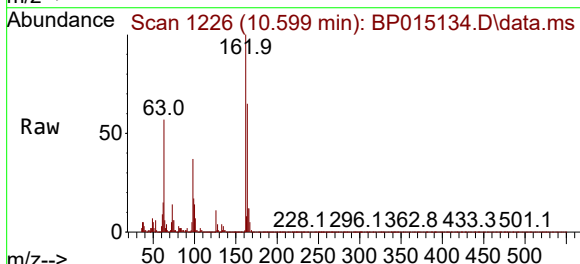
Instrument :
 BNA_P
 ClientSampleId :
 SSTD020716

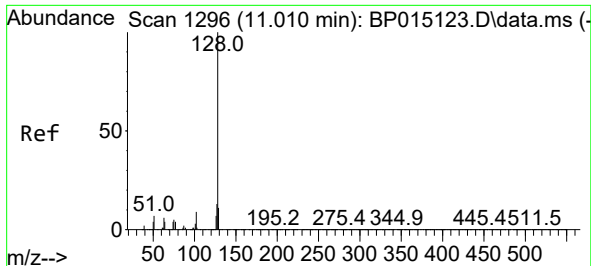
Tgt Ion: 93 Resp: 748346
 Ion Ratio Lower Upper
 93 100
 95 31.7 26.7 40.1
 123 10.7 9.1 13.7



#29
 2,4-Dichlorophenol
 Concen: 21.621 ng/ul
 RT: 10.599 min Scan# 1226
 Delta R.T. -0.006 min
 Lab File: BP015134.D
 Acq: 17 May 2023 19:47

Tgt Ion: 162 Resp: 483386
 Ion Ratio Lower Upper
 162 100
 164 64.6 52.0 78.0
 98 37.0 28.9 43.3

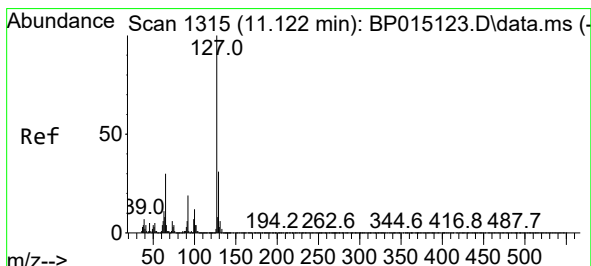
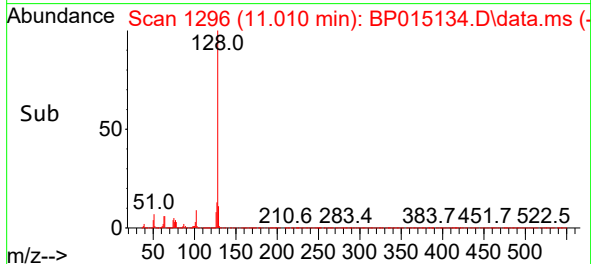
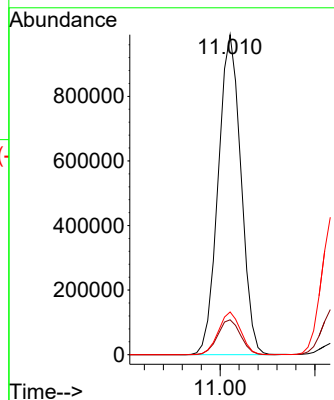
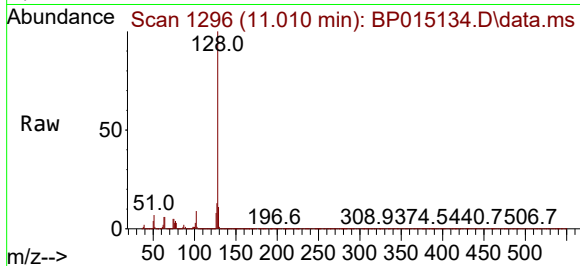




#30
Naphthalene
Concen: 21.660 ng/ul
RT: 11.010 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP015134.D
Acq: 17 May 2023 19:47

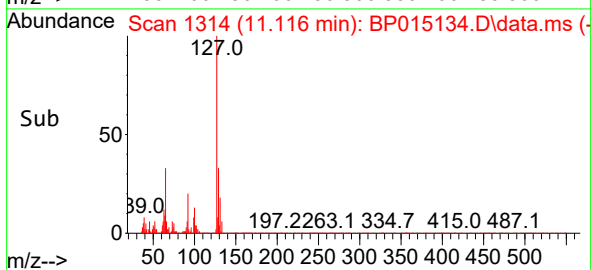
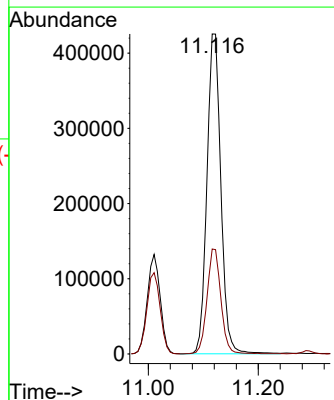
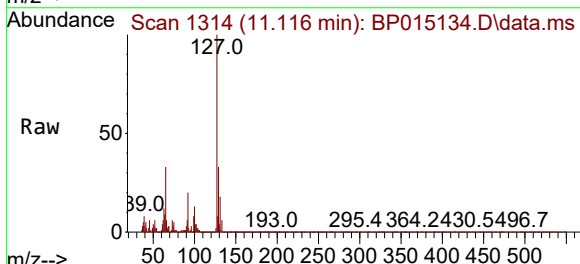
Instrument :
BNA_P
ClientSampleId :
SSTD020716

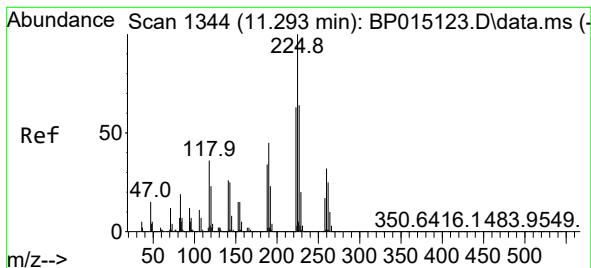
Tgt Ion:128 Resp: 1652009
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.3 10.6 15.8



#32
4-Chloroaniline
Concen: 22.237 ng/ul
RT: 11.116 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BP015134.D
Acq: 17 May 2023 19:47

Tgt Ion:127 Resp: 748471
Ion Ratio Lower Upper
127 100
129 32.8 25.8 38.8





#33

Hexachlorobutadiene

Concen: 21.115 ng/ul

RT: 11.293 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP015134.D

Acq: 17 May 2023 19:47

Instrument :

BNA_P

ClientSampleId :

SSTD020716

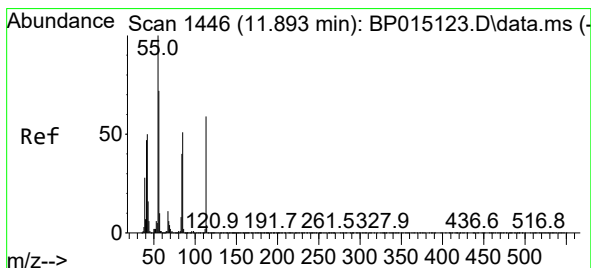
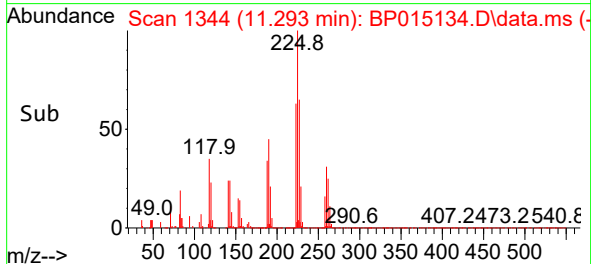
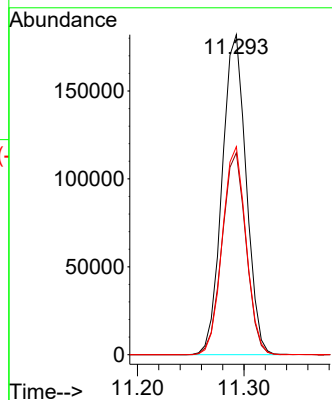
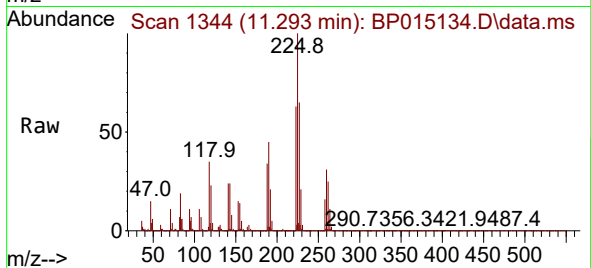
Tgt Ion:225 Resp: 284526

Ion Ratio Lower Upper

225 100

223 63.1 51.0 76.6

227 65.0 52.2 78.4



#34

Caprolactam

Concen: 11.189 ng/ul

RT: 11.893 min Scan# 1446

Delta R.T. 0.000 min

Lab File: BP015134.D

Acq: 17 May 2023 19:47

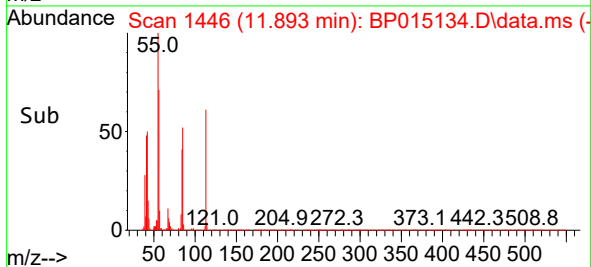
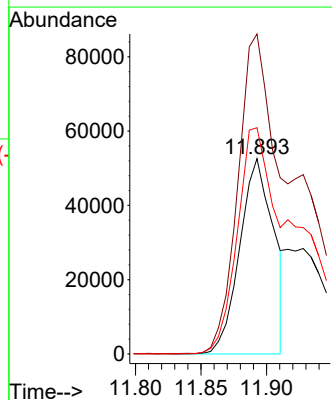
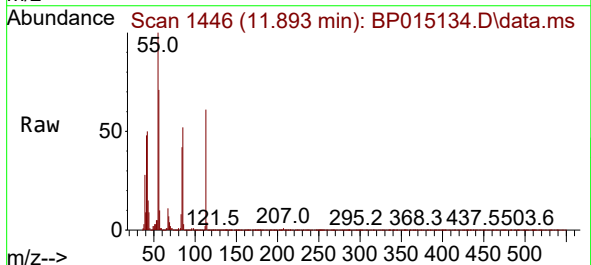
Tgt Ion:113 Resp: 94311

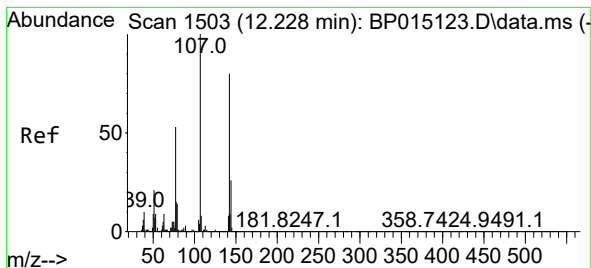
Ion Ratio Lower Upper

113 100

55 163.8 121.2 181.8

56 115.8 90.2 135.4

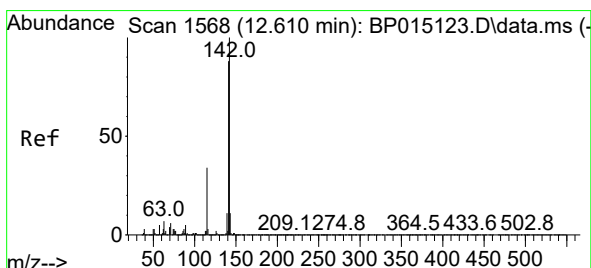
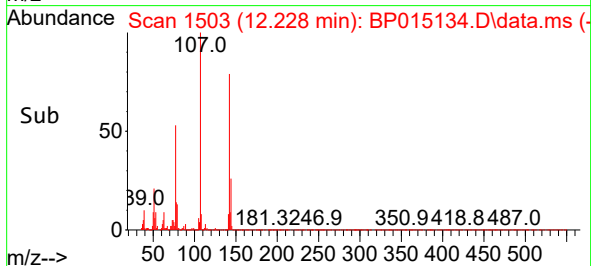
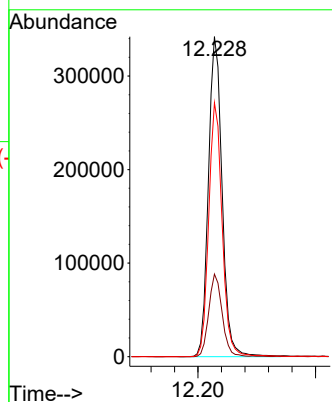
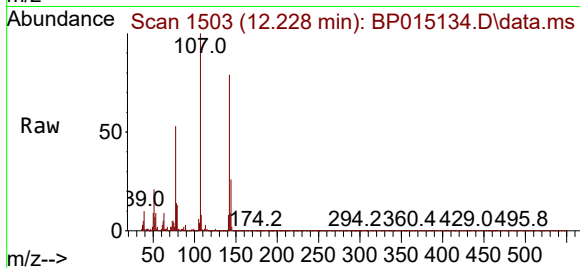




#35
4-Chloro-3-methylphenol
Concen: 21.820 ng/ul
RT: 12.228 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BP015134.D
Acq: 17 May 2023 19:47

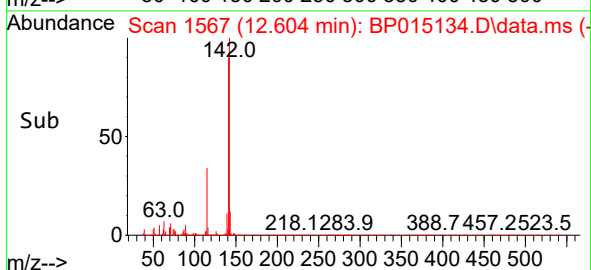
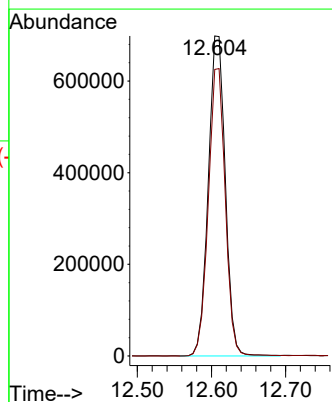
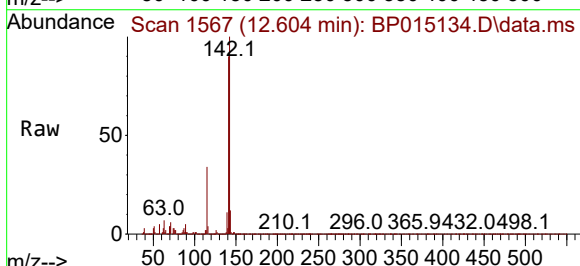
Instrument :
BNA_P
ClientSampleId :
SSTD020716

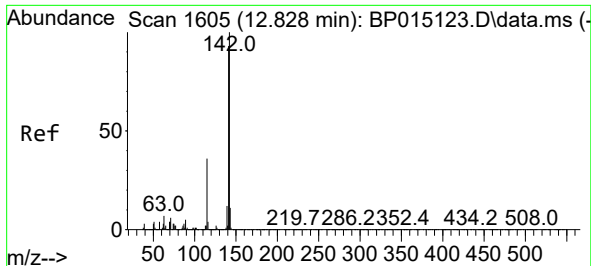
Tgt Ion:107 Resp: 550827
Ion Ratio Lower Upper
107 100
144 25.8 20.3 30.5
142 79.4 63.2 94.8



#36
2-Methylnaphthalene
Concen: 21.640 ng/ul
RT: 12.604 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BP015134.D
Acq: 17 May 2023 19:47

Tgt Ion:142 Resp: 1112047
Ion Ratio Lower Upper
142 100
141 89.5 71.0 106.6





#37

1-Methylnaphthalene

Concen: 21.711 ng/ul

RT: 12.822 min Scan# 1605

Delta R.T. -0.006 min

Lab File: BP015134.D

Acq: 17 May 2023 19:47

Instrument :

BNA_P

ClientSampleId :

SSTD020716

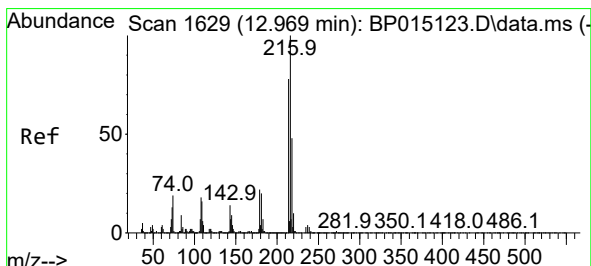
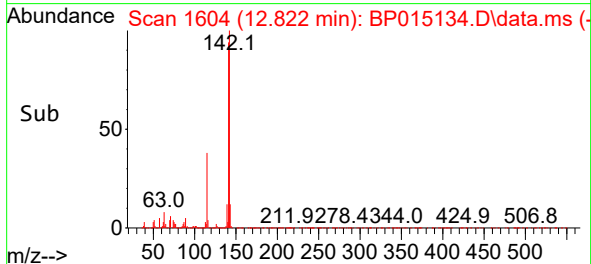
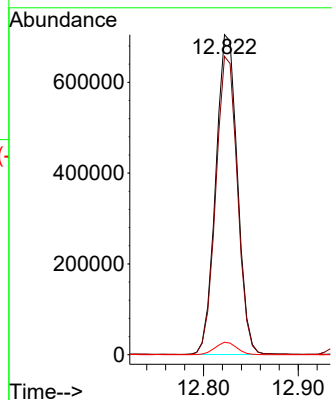
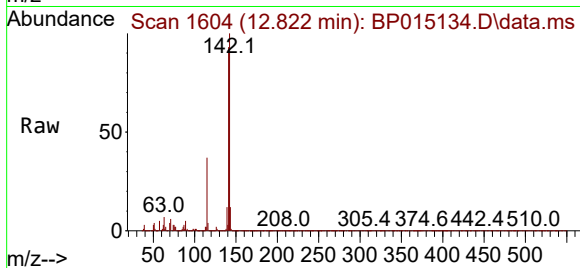
Tgt Ion:142 Resp: 1120420

Ion Ratio Lower Upper

142 100

141 93.2 74.6 112.0

116 3.9 2.9 4.3



#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.851 ng/ul

RT: 12.969 min Scan# 1629

Delta R.T. 0.000 min

Lab File: BP015134.D

Acq: 17 May 2023 19:47

Tgt Ion:216 Resp: 577670

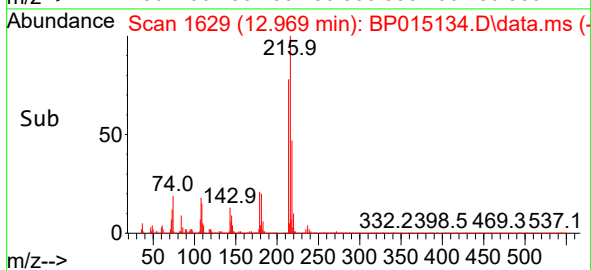
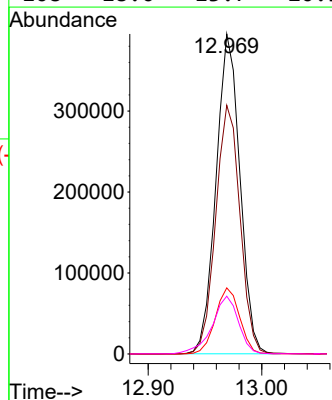
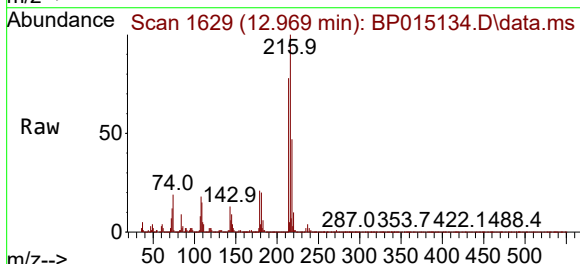
Ion Ratio Lower Upper

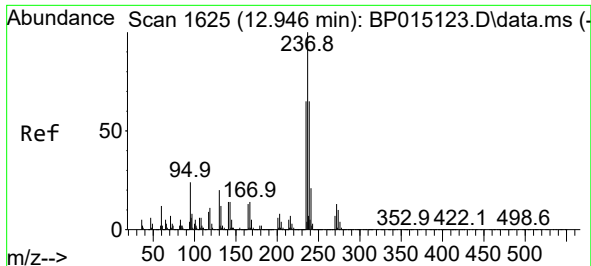
216 100

214 77.7 61.4 92.0

179 20.6 15.9 23.9

108 18.0 13.7 20.5

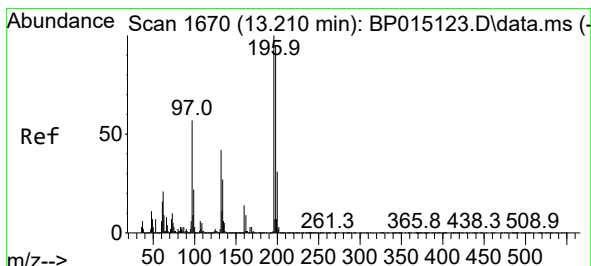
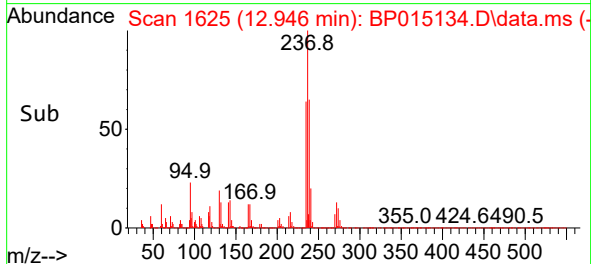
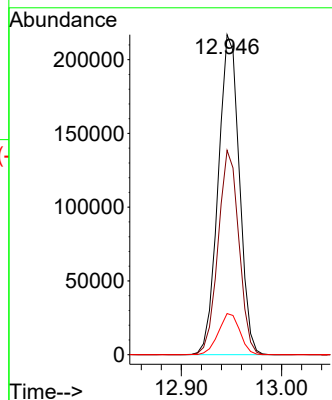
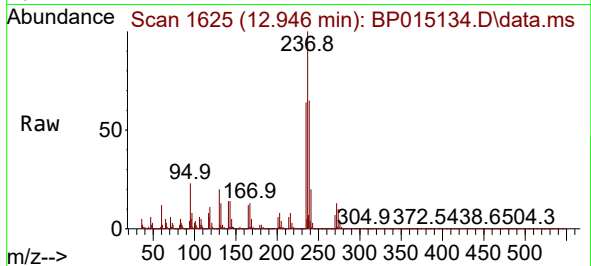




#40
Hexachlorocyclopentadiene
Concen: 18.518 ng/ul
RT: 12.946 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BP015134.D
Acq: 17 May 2023 19:47

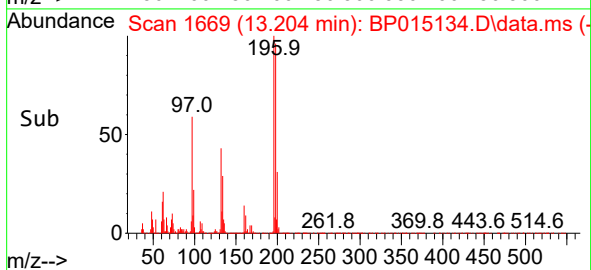
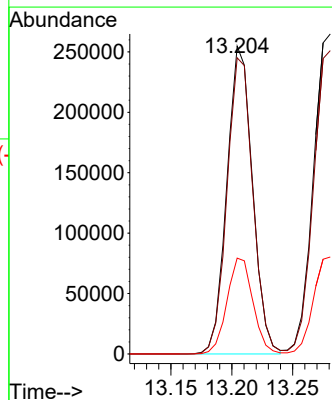
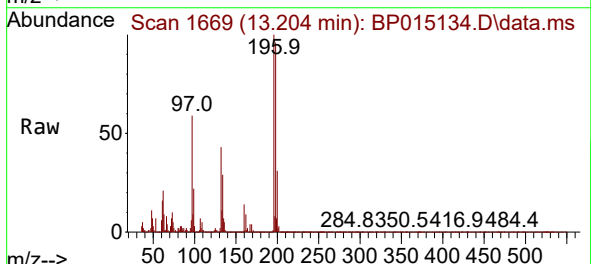
Instrument :
BNA_P
ClientSampleId :
SSTD020716

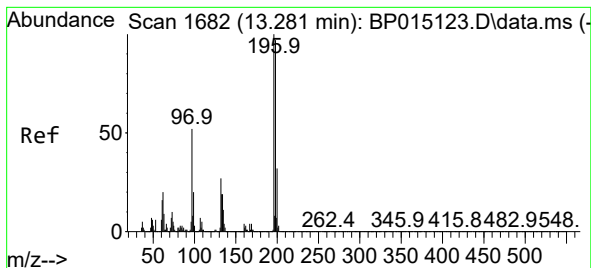
Tgt Ion:237 Resp: 317196
Ion Ratio Lower Upper
237 100
235 63.8 49.4 74.0
272 12.9 10.4 15.6



#41
2,4,6-Trichlorophenol
Concen: 19.960 ng/ul
RT: 13.204 min Scan# 1669
Delta R.T. -0.006 min
Lab File: BP015134.D
Acq: 17 May 2023 19:47

Tgt Ion:196 Resp: 372624
Ion Ratio Lower Upper
196 100
198 96.2 75.5 113.3
200 31.2 23.6 35.4





#42

2,4,5-Trichlorophenol

Concen: 20.274 ng/ul

RT: 13.281 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP015134.D

Acq: 17 May 2023 19:47

Instrument :

BNA_P

ClientSampleId :

SSTD020716

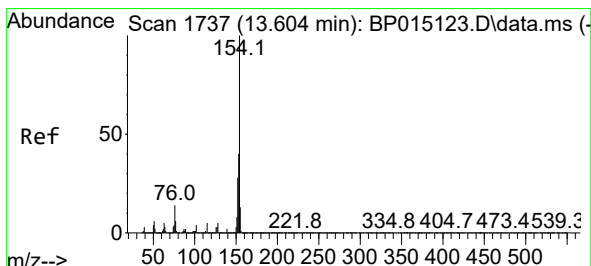
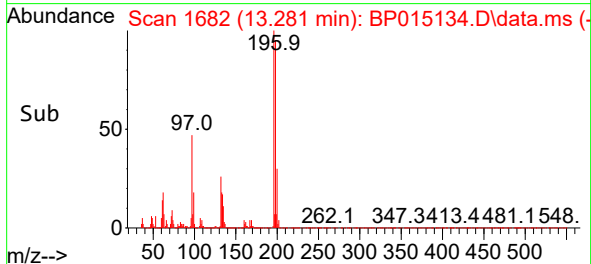
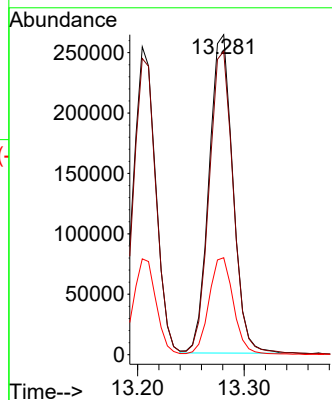
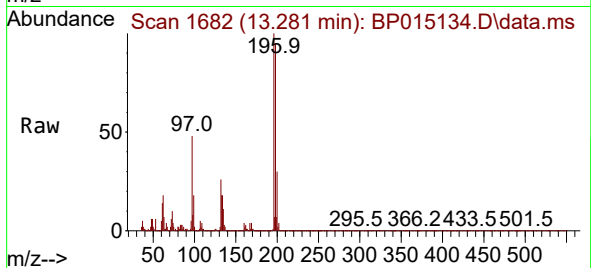
Tgt Ion:196 Resp: 410364

Ion Ratio Lower Upper

196 100

198 94.8 77.0 115.4

200 30.3 24.3 36.5



#43

1,1'-Biphenyl

Concen: 21.525 ng/ul

RT: 13.604 min Scan# 1737

Delta R.T. 0.000 min

Lab File: BP015134.D

Acq: 17 May 2023 19:47

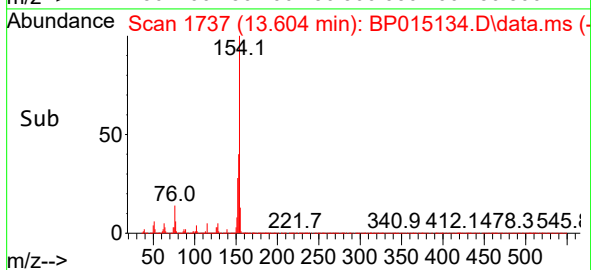
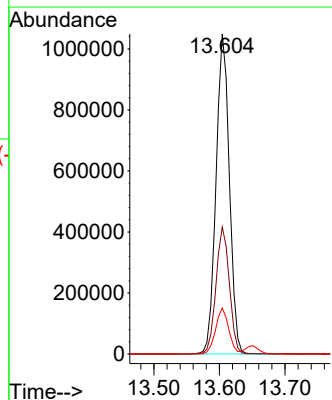
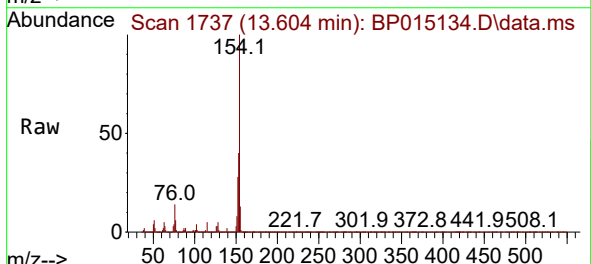
Tgt Ion:154 Resp: 1476287

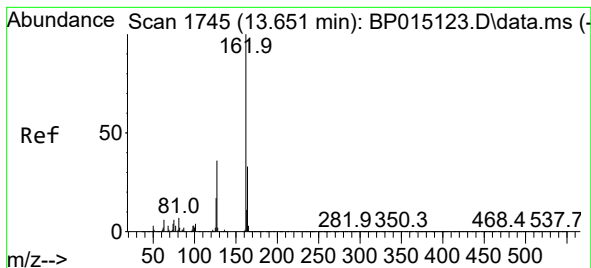
Ion Ratio Lower Upper

154 100

153 39.7 32.7 49.1

76 14.4 10.7 16.1





#44

2-Chloronaphthalene

Concen: 21.698 ng/ul

RT: 13.651 min Scan# 1745

Delta R.T. 0.000 min

Lab File: BP015134.D

Acq: 17 May 2023 19:47

Instrument :

BNA_P

ClientSampleId :

SSTD020716

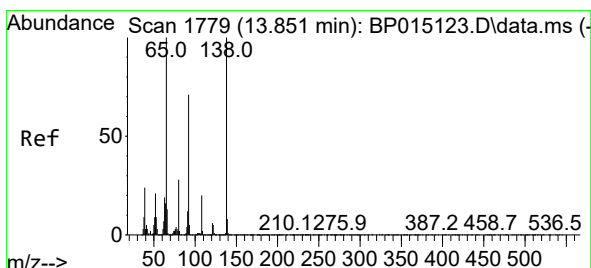
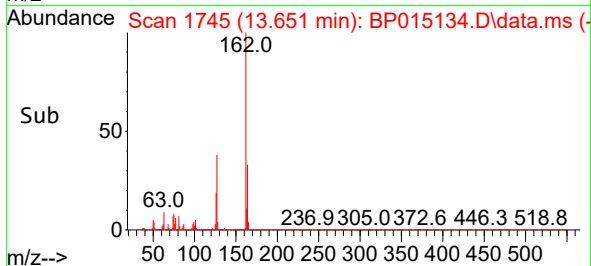
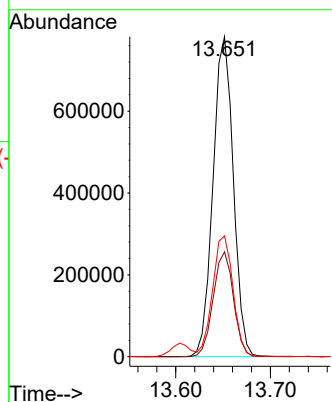
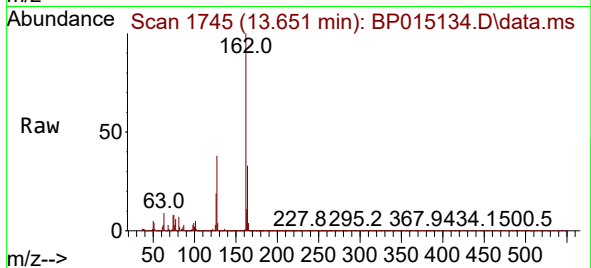
Tgt Ion:162 Resp: 1162137

Ion Ratio Lower Upper

162 100

164 32.8 25.9 38.9

127 37.7 30.8 46.2



#45

2-Nitroaniline

Concen: 21.200 ng/ul

RT: 13.851 min Scan# 1779

Delta R.T. 0.000 min

Lab File: BP015134.D

Acq: 17 May 2023 19:47

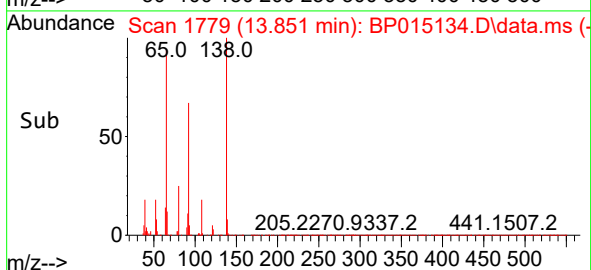
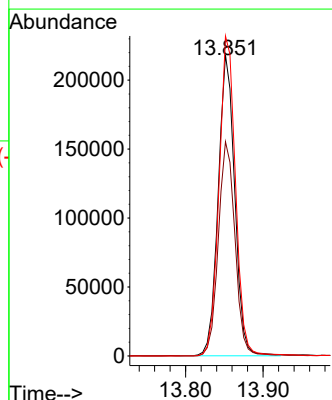
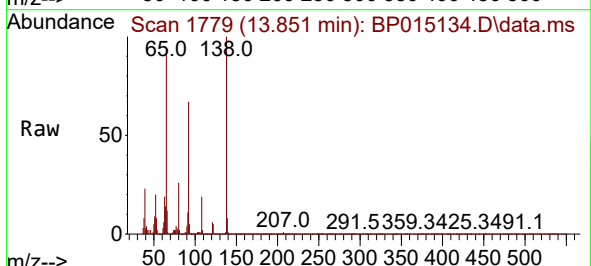
Tgt Ion: 65 Resp: 324886

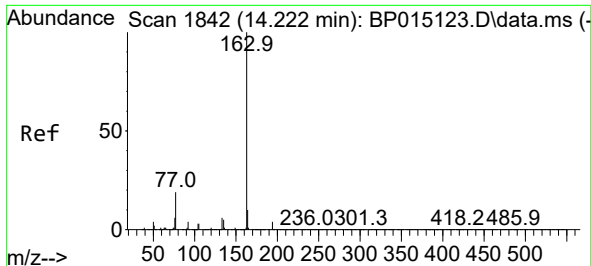
Ion Ratio Lower Upper

65 100

92 71.2 59.8 89.8

138 106.3 92.3 138.5

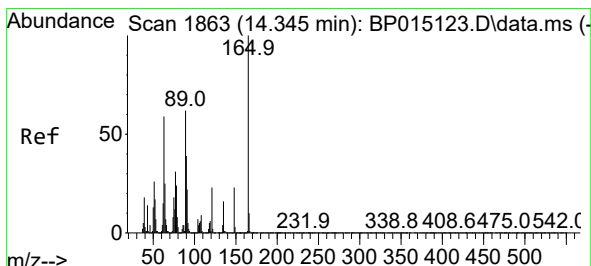
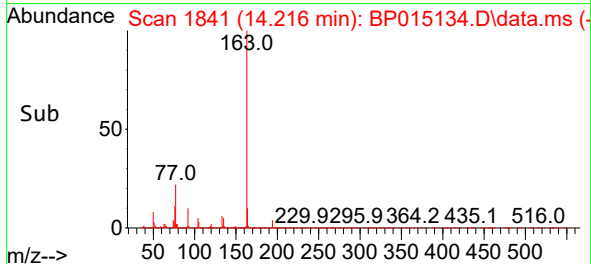
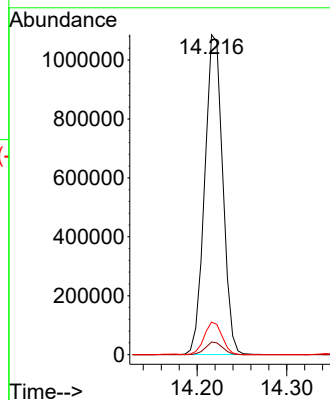
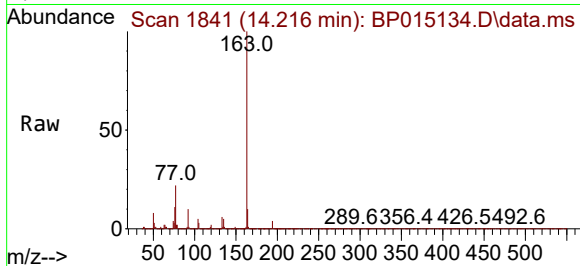




#47
Dimethylphthalate
Concen: 21.747 ng/ul
RT: 14.216 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BP015134.D
Acq: 17 May 2023 19:47

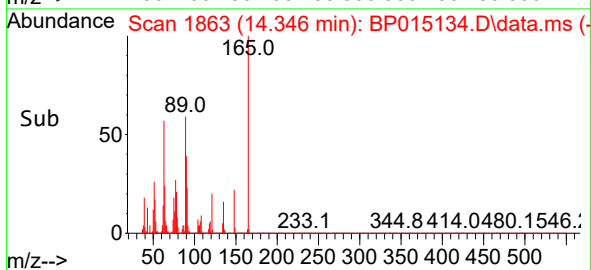
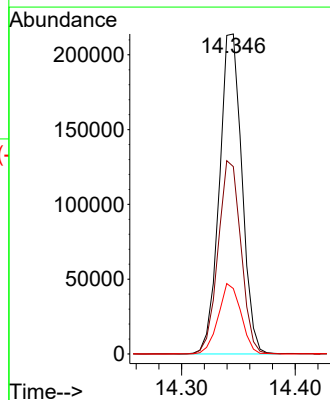
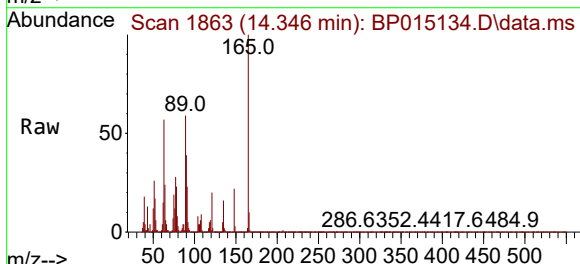
Instrument :
BNA_P
ClientSampleId :
SSTD020716

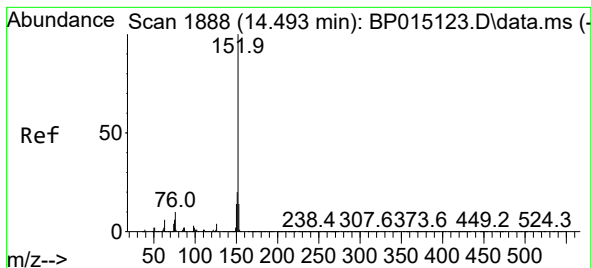
Tgt Ion:163 Resp: 1512808
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.2 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 21.433 ng/ul
RT: 14.346 min Scan# 1863
Delta R.T. 0.000 min
Lab File: BP015134.D
Acq: 17 May 2023 19:47

Tgt Ion:165 Resp: 295395
Ion Ratio Lower Upper
165 100
89 58.5 48.0 72.0
121 20.4 17.5 26.3





#50

Acenaphthylene

Concen: 22.092 ng/ul

RT: 14.493 min Scan# 1888

Delta R.T. 0.000 min

Lab File: BP015134.D

Acq: 17 May 2023 19:47

Instrument :

BNA_P

ClientSampleId :

SSTD020716

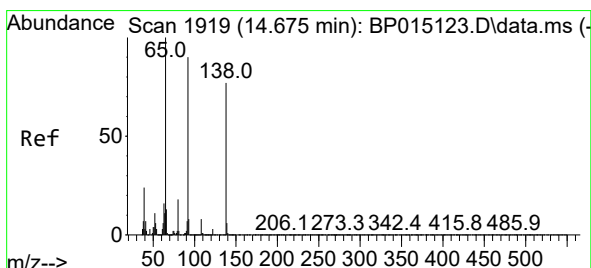
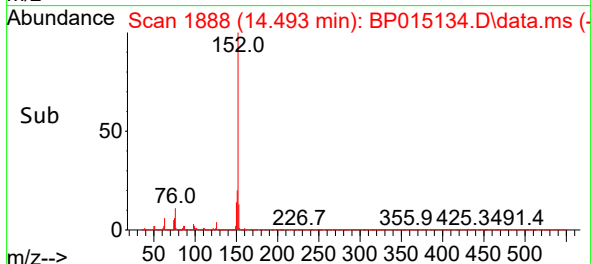
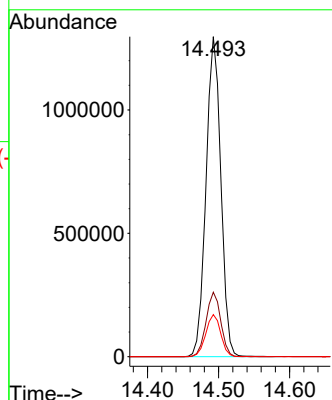
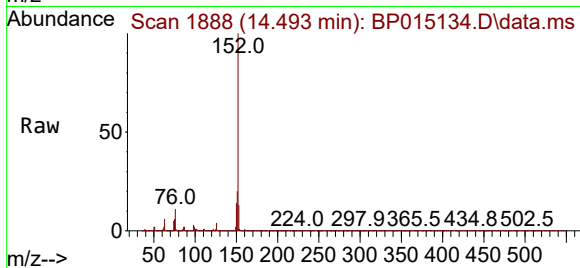
Tgt Ion:152 Resp: 1883148

Ion Ratio Lower Upper

152 100

151 20.1 16.1 24.1

153 13.1 10.3 15.5



#51

3-Nitroaniline

Concen: 18.340 ng/ul

RT: 14.675 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BP015134.D

Acq: 17 May 2023 19:47

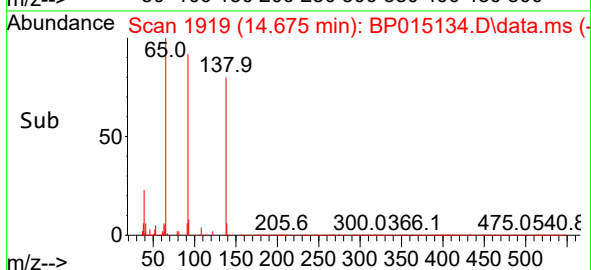
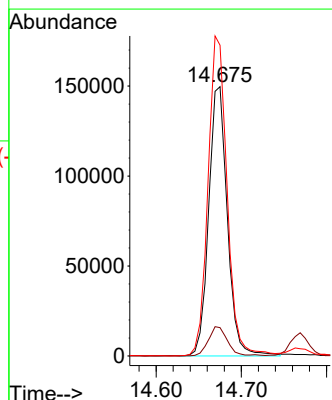
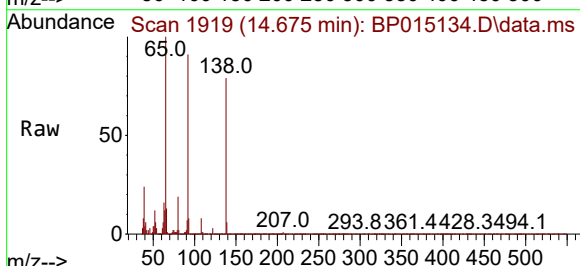
Tgt Ion:138 Resp: 227597

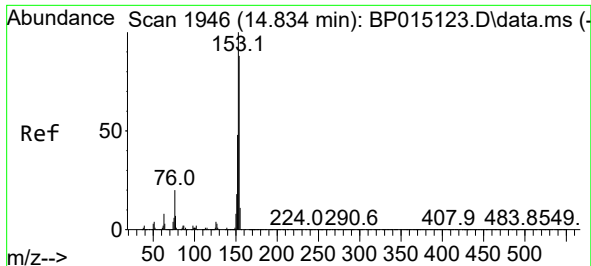
Ion Ratio Lower Upper

138 100

108 10.5 8.8 13.2

92 115.4 93.4 140.0

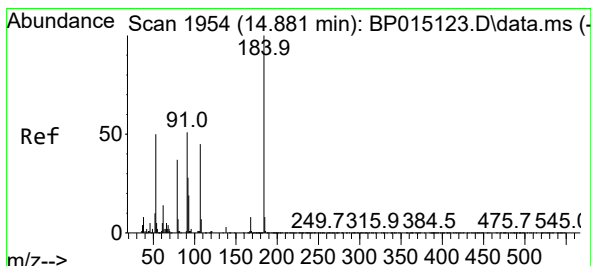
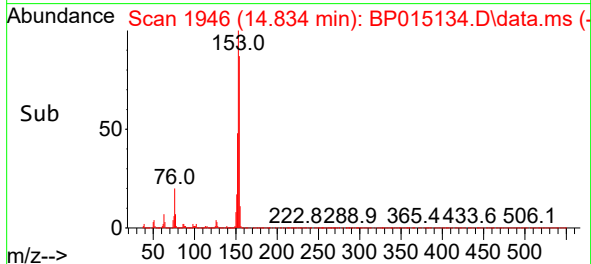
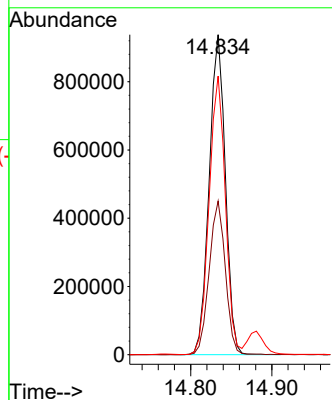
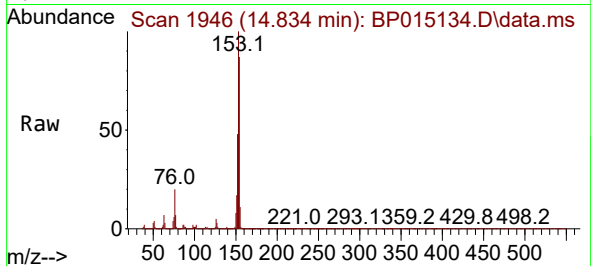




#52
Acenaphthene
Concen: 22.254 ng/ul
RT: 14.834 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP015134.D
Acq: 17 May 2023 19:47

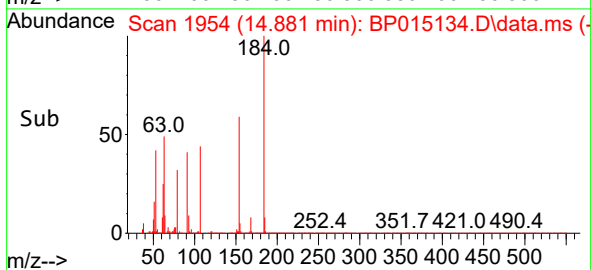
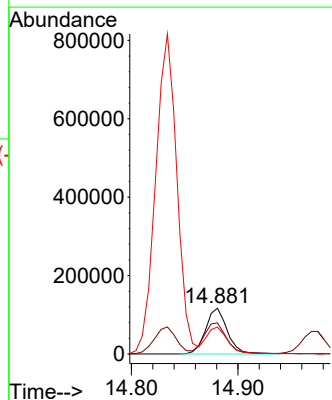
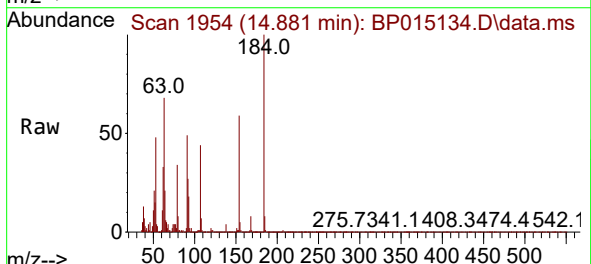
Instrument :
BNA_P
ClientSampleId :
SSTD020716

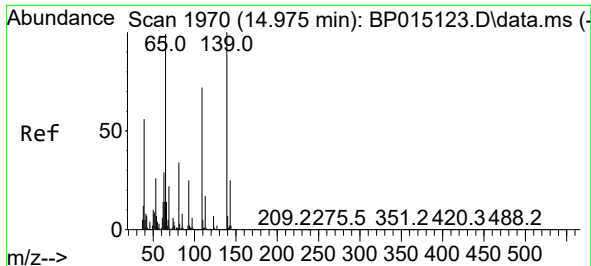
Tgt Ion:153 Resp: 1295592
Ion Ratio Lower Upper
153 100
152 48.0 38.0 57.0
154 87.1 71.0 106.4



#53
2,4-Dinitrophenol
Concen: 17.968 ng/ul
RT: 14.881 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BP015134.D
Acq: 17 May 2023 19:47

Tgt Ion:184 Resp: 164415
Ion Ratio Lower Upper
184 100
63 67.6 49.7 74.5
154 58.8 47.5 71.3

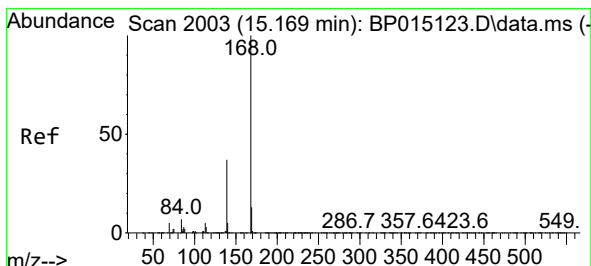
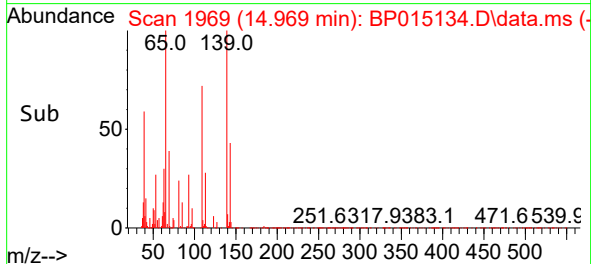
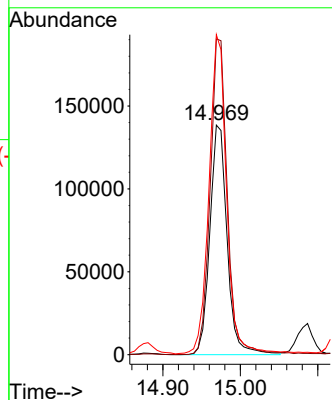
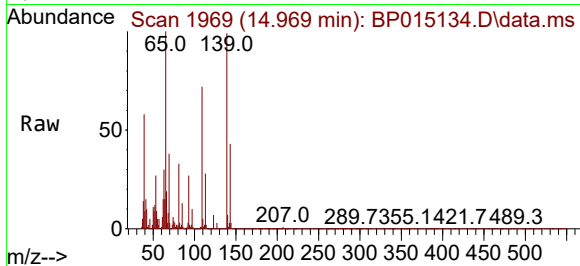




#55
4-Nitrophenol
Concen: 22.471 ng/ul
RT: 14.969 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BP015134.D
Acq: 17 May 2023 19:47

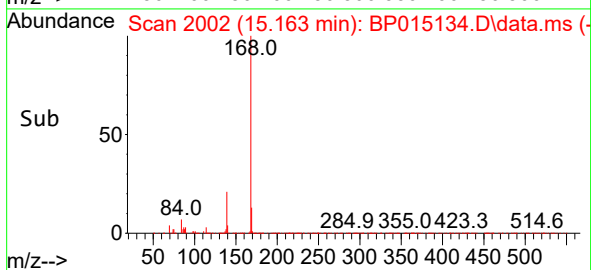
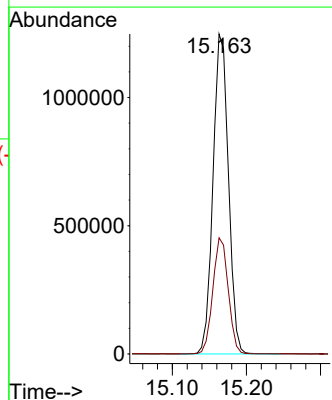
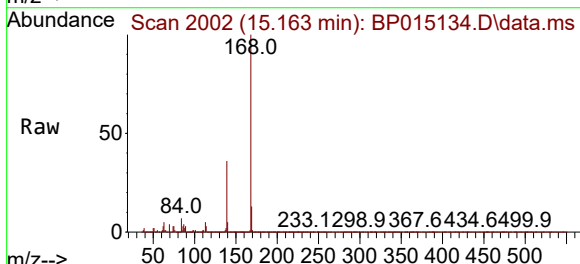
Instrument :
BNA_P
ClientSampleId :
SSTD020716

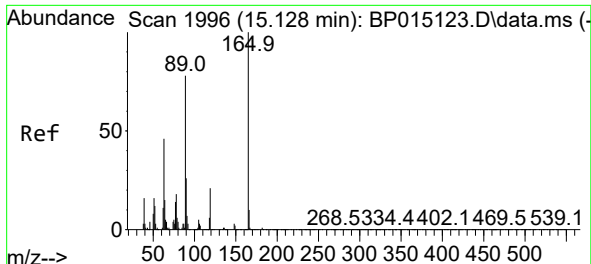
Tgt Ion:109 Resp: 214371
Ion Ratio Lower Upper
109 100
139 137.6 115.3 172.9
65 139.4 107.9 161.9



#56
Dibenzofuran
Concen: 22.192 ng/ul
RT: 15.163 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BP015134.D
Acq: 17 May 2023 19:47

Tgt Ion:168 Resp: 1797048
Ion Ratio Lower Upper
168 100
139 36.3 29.4 44.0





#57

2,4-Dinitrotoluene

Concen: 21.572 ng/ul

RT: 15.128 min Scan# 1996

Delta R.T. 0.000 min

Lab File: BP015134.D

Acq: 17 May 2023 19:47

Instrument :

BNA_P

ClientSampleId :

SSTD020716

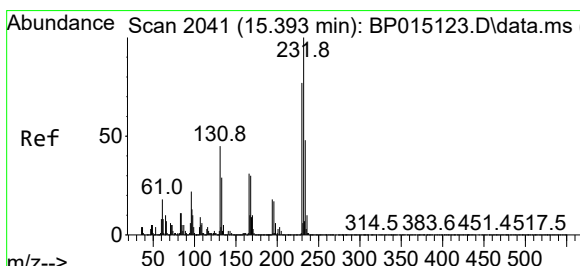
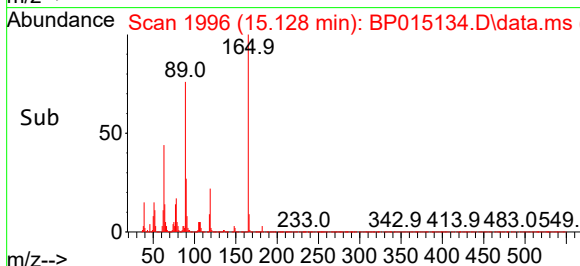
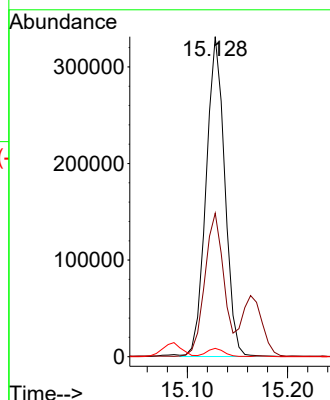
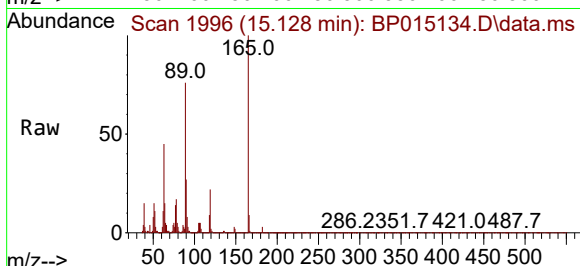
Tgt Ion:165 Resp: 430212

Ion Ratio Lower Upper

165 100

63 44.9 33.1 49.7

182 2.6 2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 21.229 ng/ul

RT: 15.387 min Scan# 2040

Delta R.T. -0.006 min

Lab File: BP015134.D

Acq: 17 May 2023 19:47

Tgt Ion:232 Resp: 362649

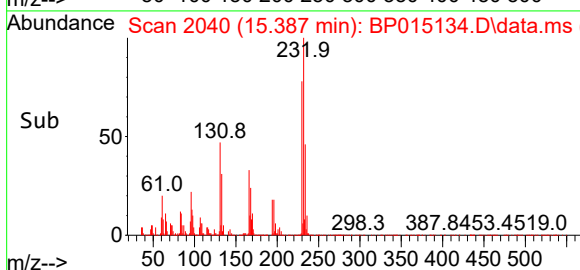
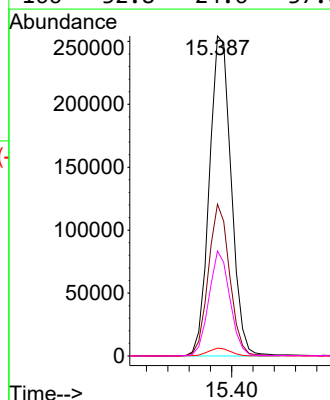
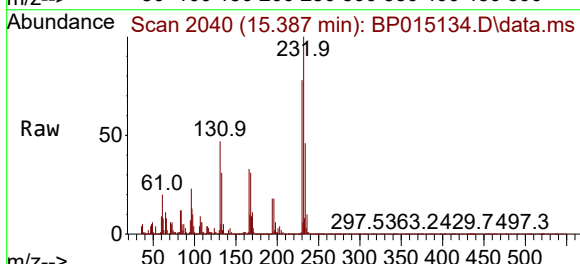
Ion Ratio Lower Upper

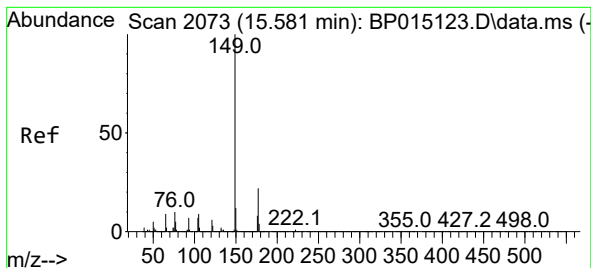
232 100

131 47.5 36.8 55.2

130 2.4 1.9 2.9

166 32.8 24.6 37.0





#59

Diethylphthalate

Concen: 21.561 ng/ul

RT: 15.575 min Scan# 2072

Delta R.T. -0.006 min

Lab File: BP015134.D

Acq: 17 May 2023 19:47

Instrument :

BNA_P

ClientSampleId :

SSTD020716

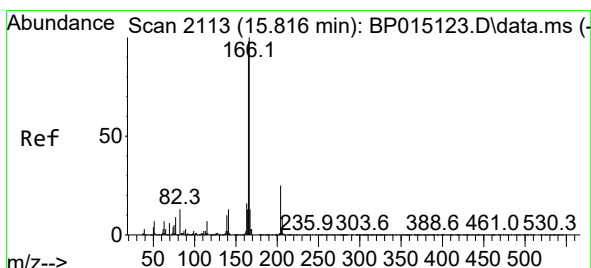
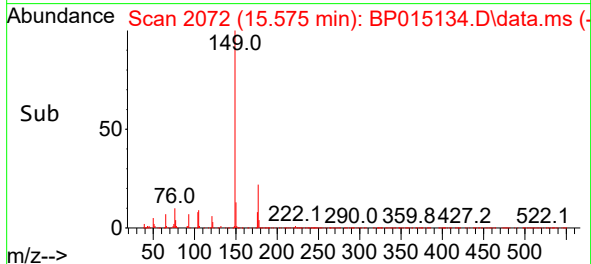
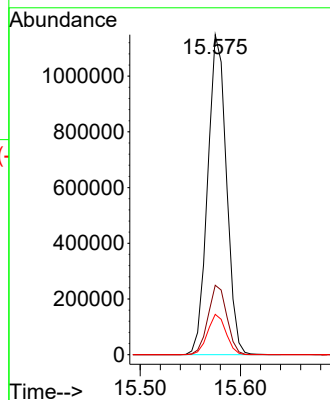
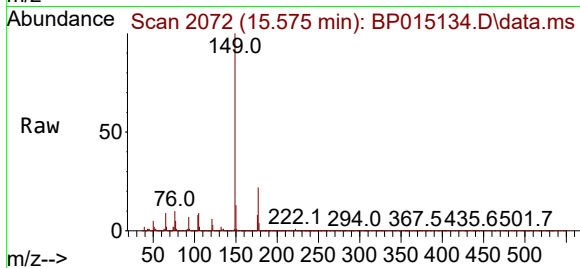
Tgt Ion:149 Resp: 1495935

Ion Ratio Lower Upper

149 100

177 21.7 17.5 26.3

150 12.6 9.8 14.8



#61

Fluorene

Concen: 22.199 ng/ul

RT: 15.816 min Scan# 2113

Delta R.T. 0.000 min

Lab File: BP015134.D

Acq: 17 May 2023 19:47

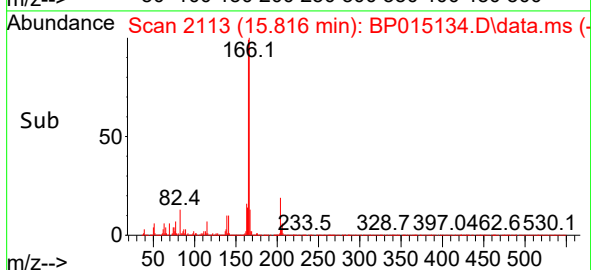
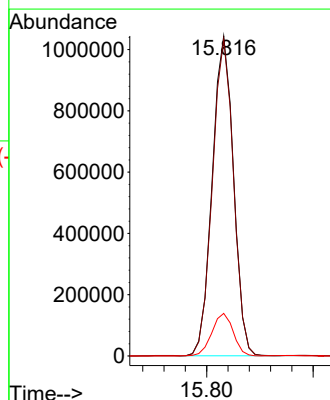
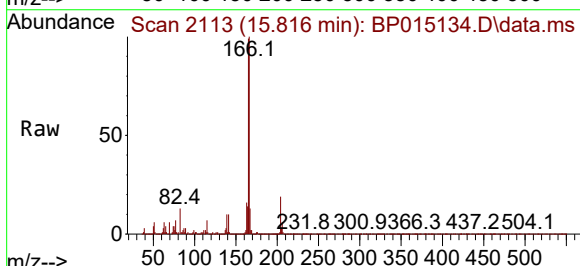
Tgt Ion:166 Resp: 1444595

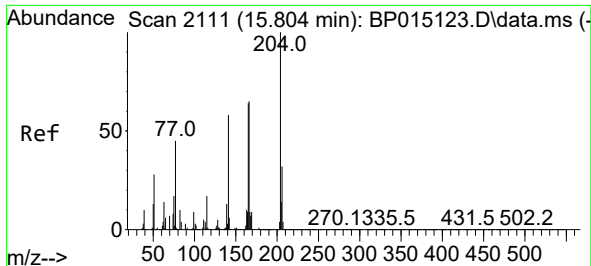
Ion Ratio Lower Upper

166 100

165 99.0 77.8 116.6

167 13.3 10.6 15.8

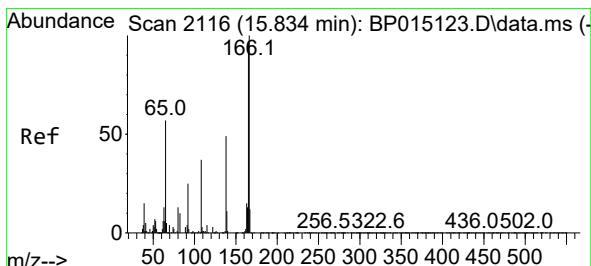
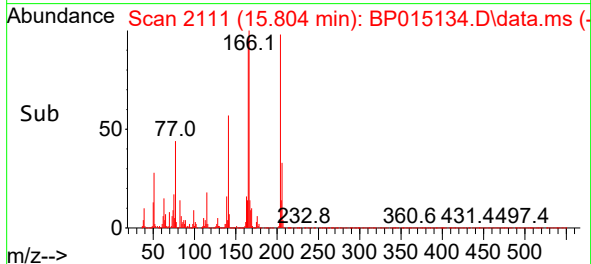
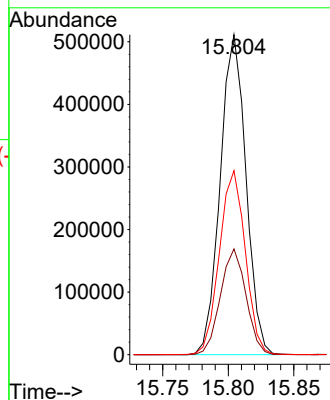
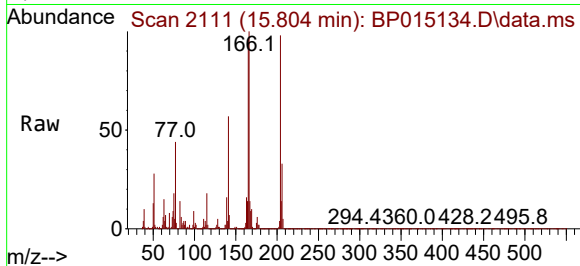




#62
4-Chlorophenyl-phenylether
Concen: 21.952 ng/ul
RT: 15.804 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BP015134.D
Acq: 17 May 2023 19:47

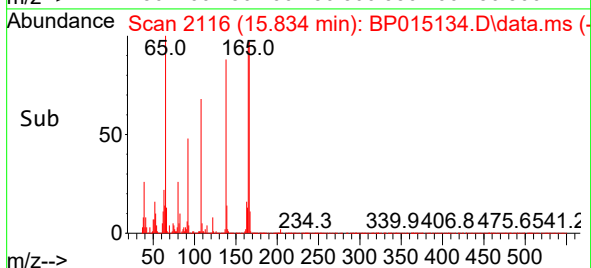
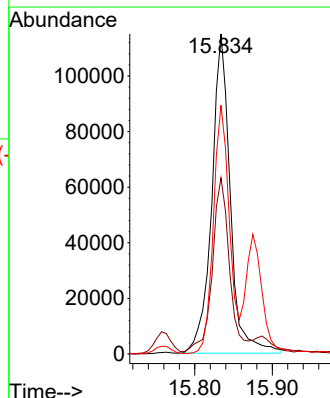
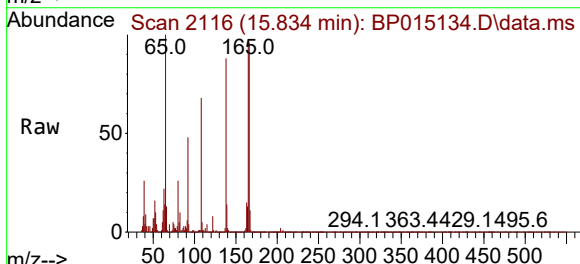
Instrument :
BNA_P
ClientSampleId :
SSTD020716

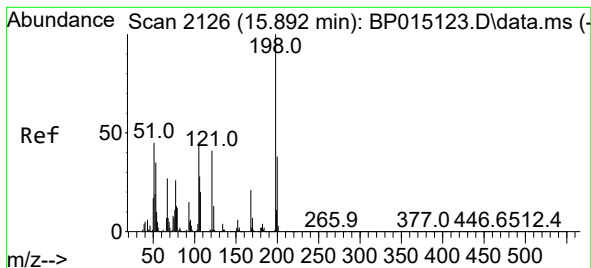
Tgt Ion:204 Resp: 698005
Ion Ratio Lower Upper
204 100
206 33.0 26.1 39.1
141 57.5 44.5 66.7



#63
4-Nitroaniline
Concen: 17.810 ng/ul
RT: 15.834 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BP015134.D
Acq: 17 May 2023 19:47

Tgt Ion:138 Resp: 190864
Ion Ratio Lower Upper
138 100
92 55.1 41.2 61.8
108 77.7 60.1 90.1

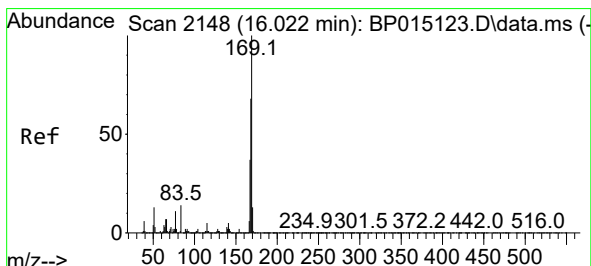
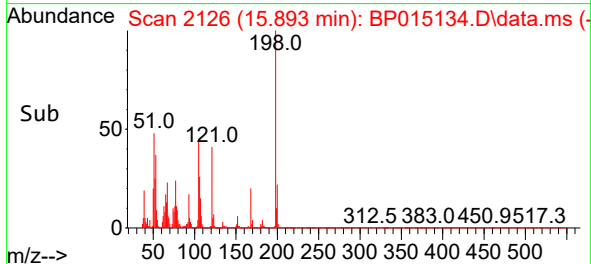
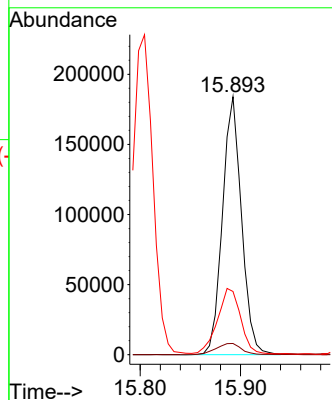
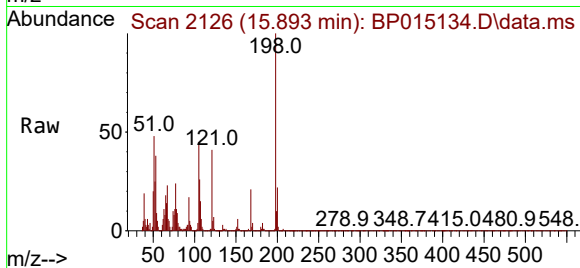




#66
4,6-Dinitro-2-methylphenol
Concen: 19.479 ng/ul
RT: 15.893 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BP015134.D
Acq: 17 May 2023 19:47

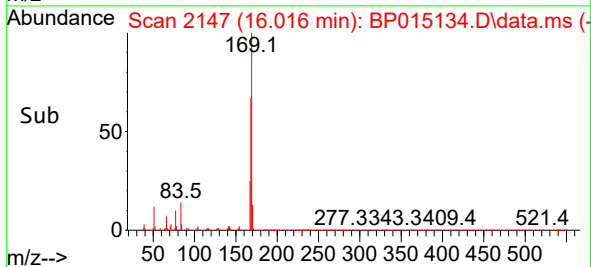
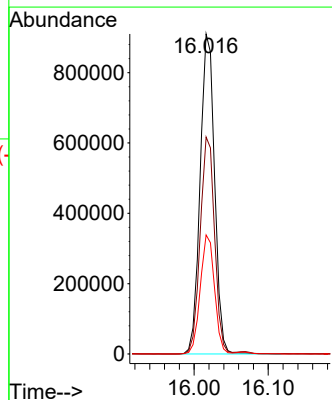
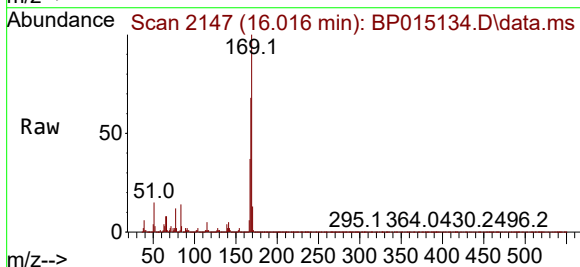
Instrument :
BNA_P
ClientSampleId :
SSTD020716

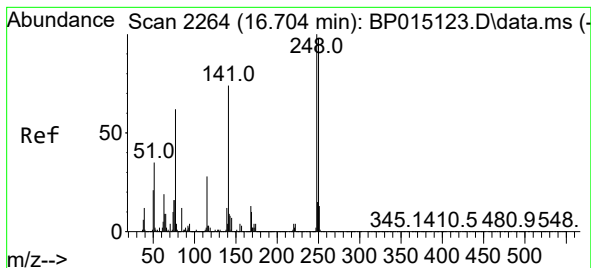
Tgt Ion:198 Resp: 242660
Ion Ratio Lower Upper
198 100
182 4.3 3.7 5.5
77 24.5 21.2 31.8



#67
N-Nitrosodiphenylamine
Concen: 21.857 ng/ul
RT: 16.016 min Scan# 2147
Delta R.T. -0.006 min
Lab File: BP015134.D
Acq: 17 May 2023 19:47

Tgt Ion:169 Resp: 1230928
Ion Ratio Lower Upper
169 100
168 67.8 53.5 80.3
167 37.2 28.9 43.3

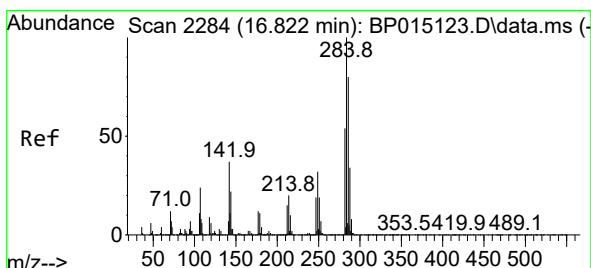
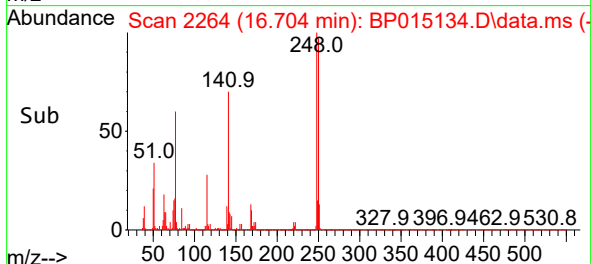
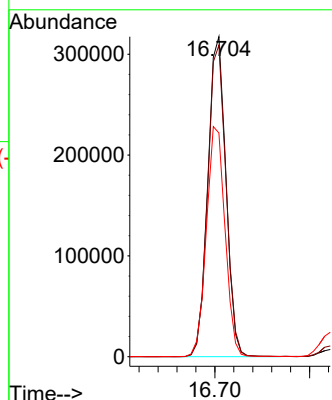
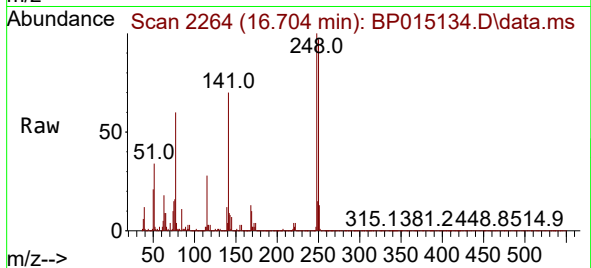




#68
4-Bromophenyl-phenylether
Concen: 21.311 ng/ul
RT: 16.704 min Scan# 2264
Delta R.T. 0.000 min
Lab File: BP015134.D
Acq: 17 May 2023 19:47

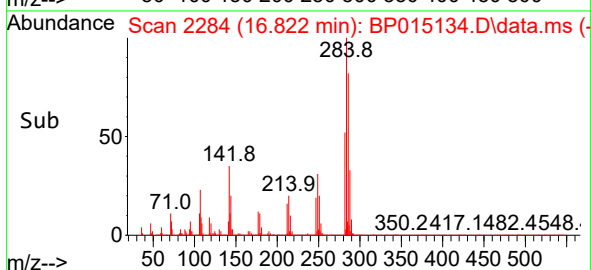
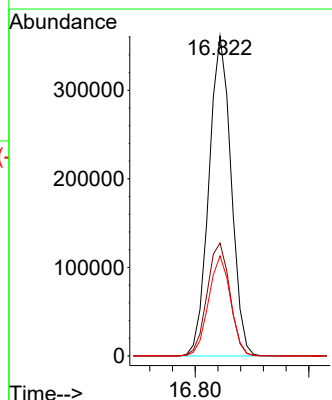
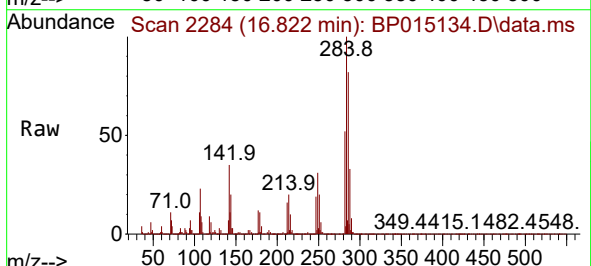
Instrument :
BNA_P
ClientSampleId :
SSTD020716

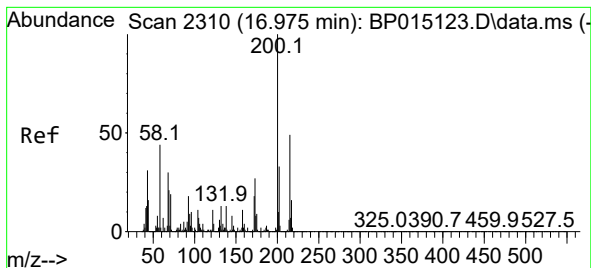
Tgt Ion:248 Resp: 420413
Ion Ratio Lower Upper
248 100
250 97.4 79.0 118.4
141 69.9 58.6 87.8



#69
Hexachlorobenzene
Concen: 21.032 ng/ul
RT: 16.822 min Scan# 2284
Delta R.T. 0.000 min
Lab File: BP015134.D
Acq: 17 May 2023 19:47

Tgt Ion:284 Resp: 490326
Ion Ratio Lower Upper
284 100
142 35.3 27.3 40.9
249 31.3 24.6 36.8





#70

Atrazine

Concen: 21.157 ng/ul

RT: 16.969 min Scan# 2309

Delta R.T. 0.000 min

Lab File: BP015134.D

Acq: 17 May 2023 19:47

Instrument :

BNA_P

ClientSampleId :

SSTD020716

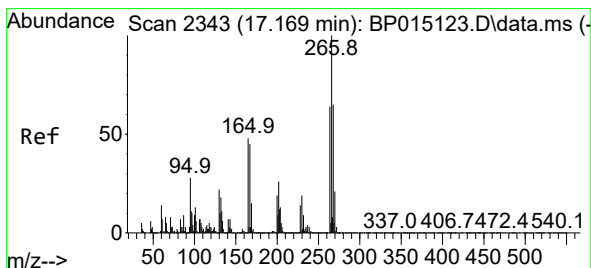
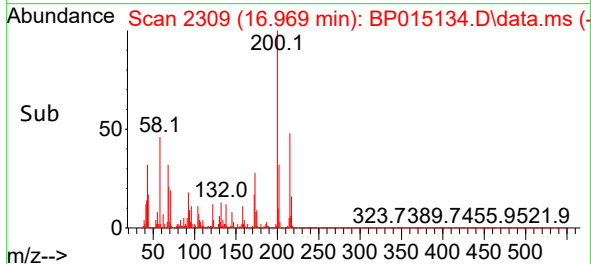
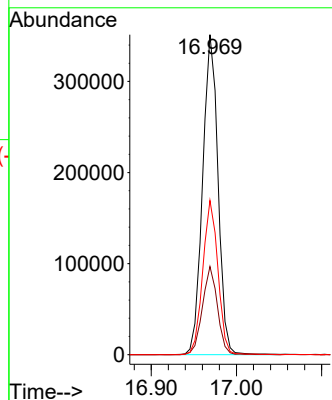
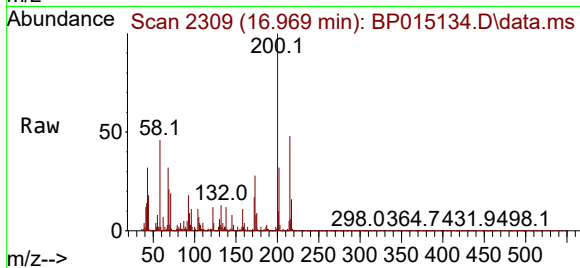
Tgt Ion:200 Resp: 440411

Ion Ratio Lower Upper

200 100

173 27.6 21.4 32.2

215 48.2 38.1 57.1



#71

Pentachlorophenol

Concen: 19.518 ng/ul

RT: 17.169 min Scan# 2343

Delta R.T. 0.000 min

Lab File: BP015134.D

Acq: 17 May 2023 19:47

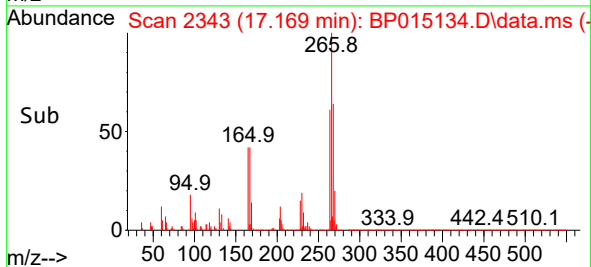
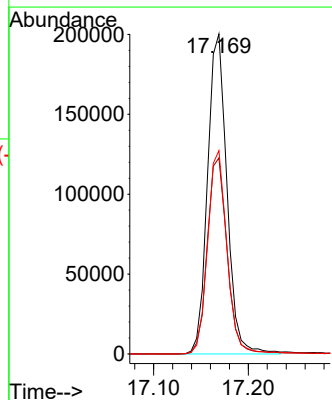
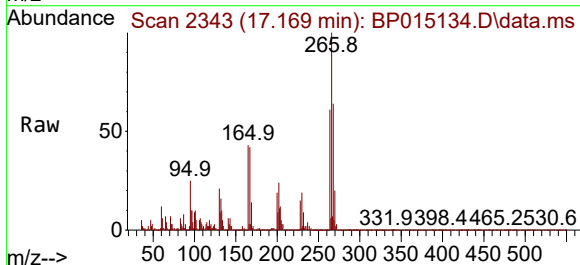
Tgt Ion:266 Resp: 284624

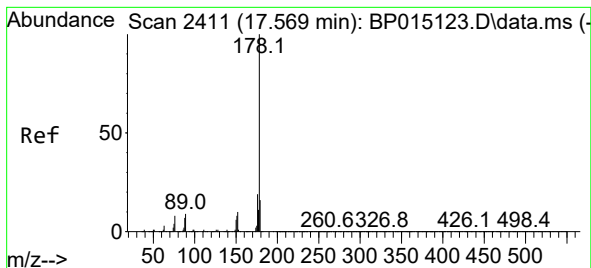
Ion Ratio Lower Upper

266 100

264 61.3 51.0 76.4

268 63.5 51.8 77.6





#72

Phenanthrene

Concen: 21.886 ng/ul

RT: 17.563 min Scan# 2411

Delta R.T. -0.006 min

Lab File: BP015134.D

Acq: 17 May 2023 19:47

Instrument :

BNA_P

ClientSampleId :

SSTD020716

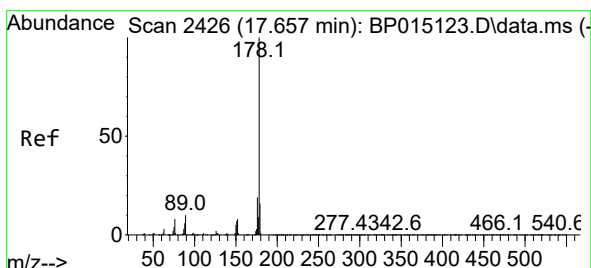
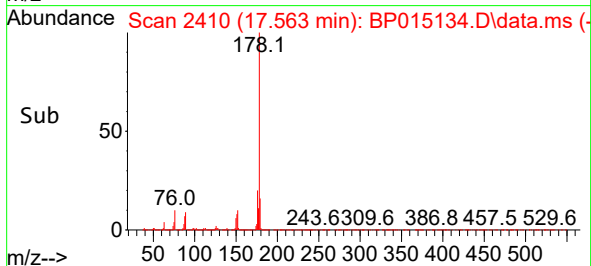
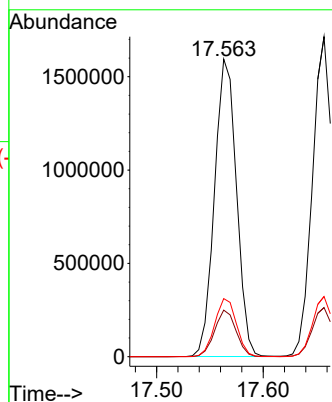
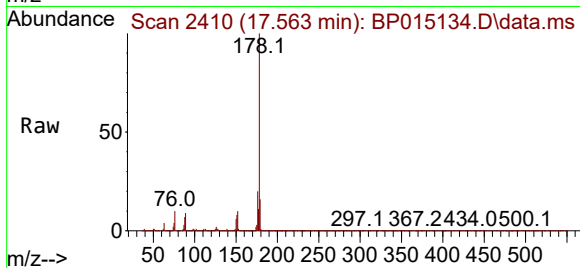
Tgt Ion:178 Resp: 2282580

Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.2

176 19.5 15.6 23.4



#74

Anthracene

Concen: 22.041 ng/ul

RT: 17.657 min Scan# 2426

Delta R.T. 0.000 min

Lab File: BP015134.D

Acq: 17 May 2023 19:47

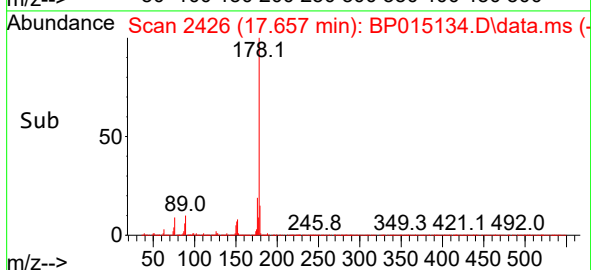
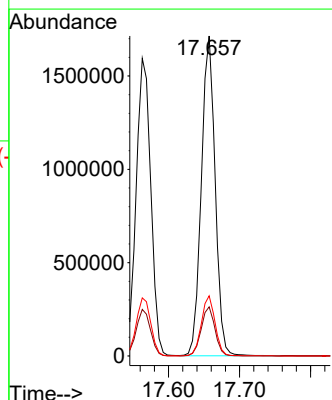
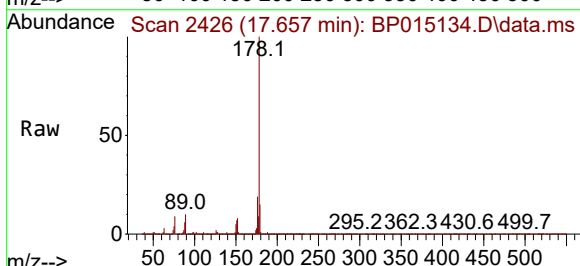
Tgt Ion:178 Resp: 2324518

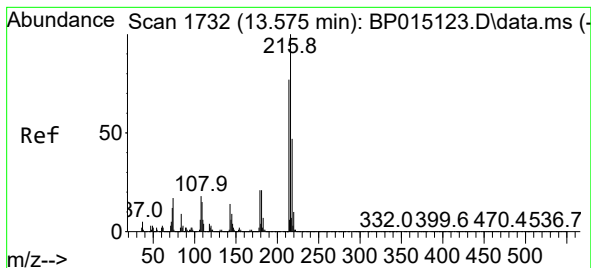
Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.2

176 18.8 15.2 22.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 21.236 ng/uL

RT: 13.575 min Scan# 1732

Delta R.T. 0.000 min

Lab File: BP015134.D

Acq: 17 May 2023 19:47

Instrument :

BNA_P

ClientSampleId :

SSTD020716

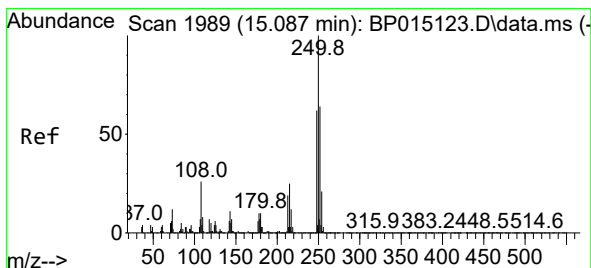
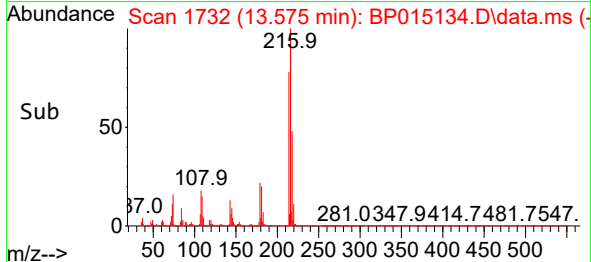
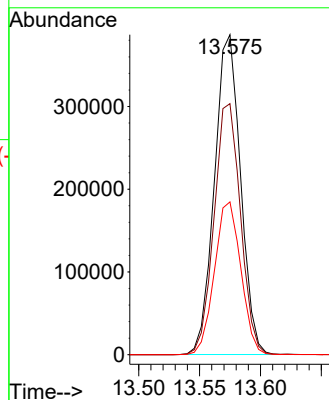
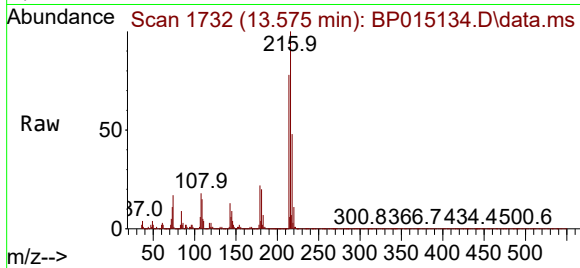
Tgt Ion:216 Resp: 576685

Ion Ratio Lower Upper

216 100

214 78.5 62.2 93.4

218 47.7 38.2 57.2



#76

Pentachlorobenzene

Concen: 21.714 ng/uL

RT: 15.087 min Scan# 1989

Delta R.T. 0.000 min

Lab File: BP015134.D

Acq: 17 May 2023 19:47

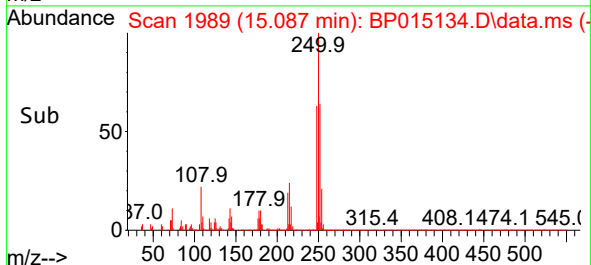
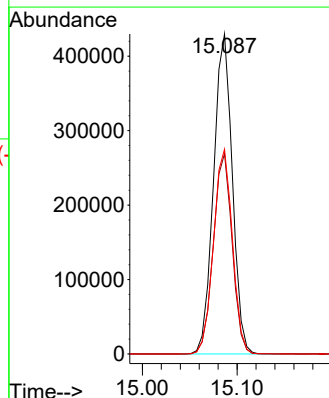
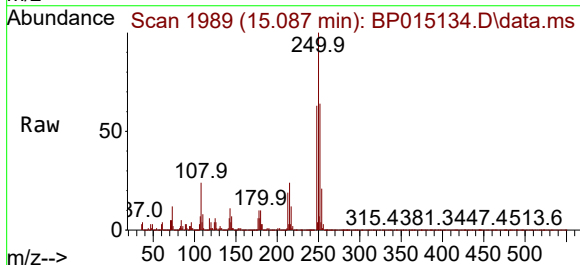
Tgt Ion:250 Resp: 592078

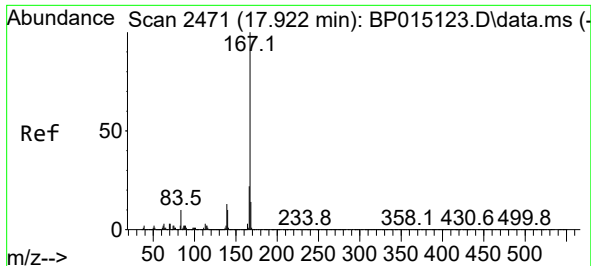
Ion Ratio Lower Upper

250 100

248 62.6 49.8 74.6

252 64.0 51.6 77.4



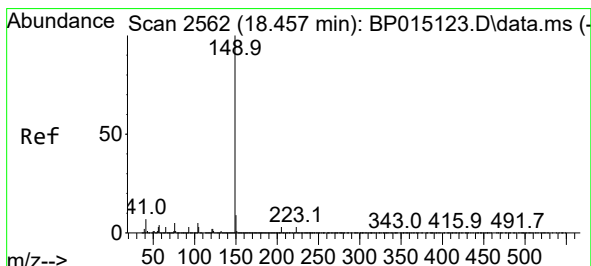
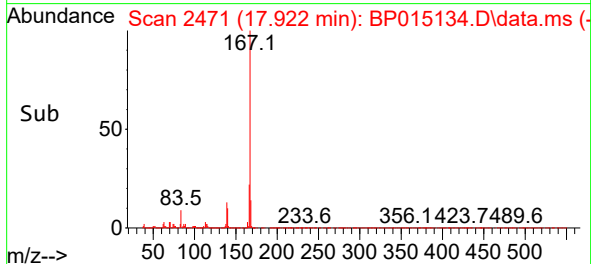
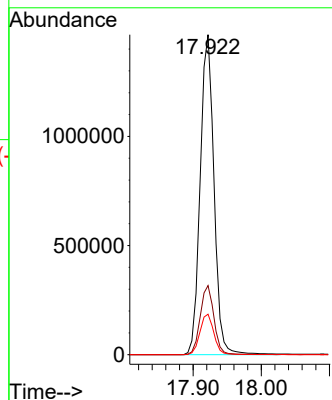
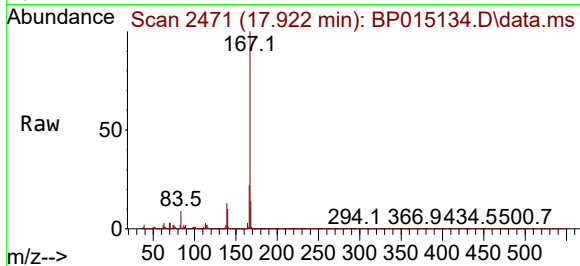


#77
 Carbazole
 Concen: 22.335 ng/ul
 RT: 17.922 min Scan# 2471
 Delta R.T. 0.000 min
 Lab File: BP015134.D
 Acq: 17 May 2023 19:47

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020716

Tgt Ion:167 Resp: 2065554

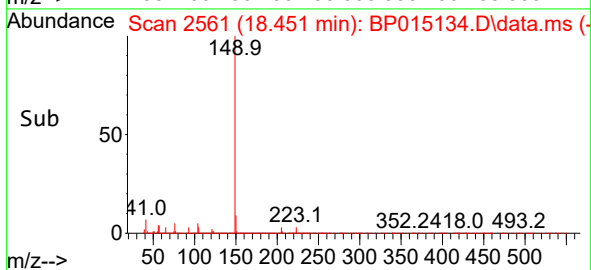
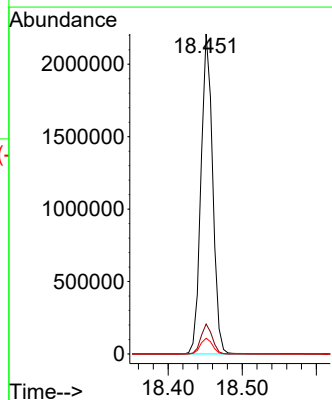
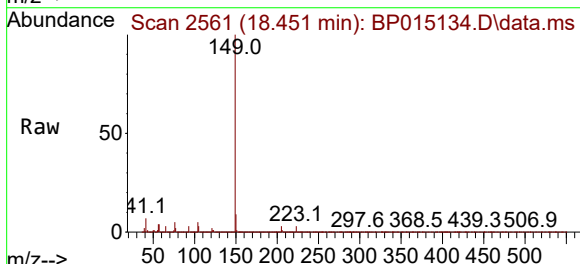
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.2
139	12.6	10.2	15.4

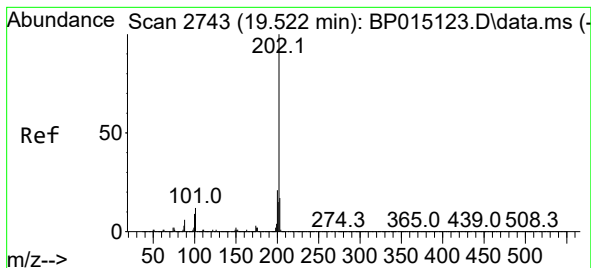


#78
 Di-n-butylphthalate
 Concen: 20.291 ng/ul
 RT: 18.451 min Scan# 2561
 Delta R.T. -0.006 min
 Lab File: BP015134.D
 Acq: 17 May 2023 19:47

Tgt Ion:149 Resp: 2416512

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.9	3.9	5.9





#80

Fluoranthene

Concen: 21.382 ng/ul

RT: 19.516 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015134.D

Acq: 17 May 2023 19:47

Instrument :

BNA_P

ClientSampleId :

SSTD020716

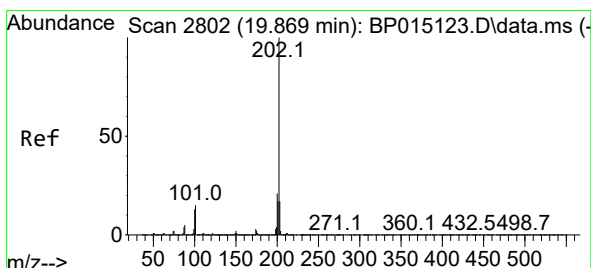
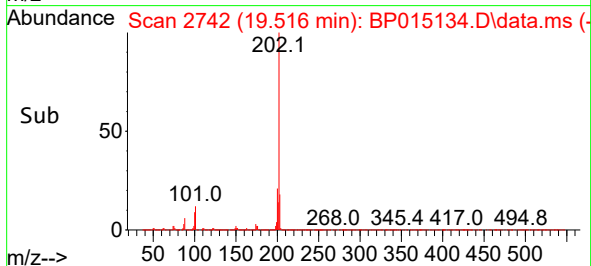
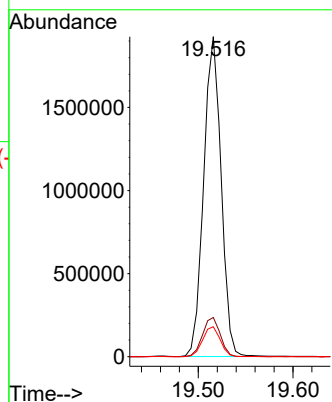
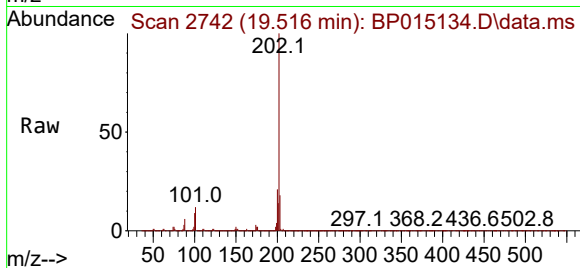
Tgt Ion:202 Resp: 2467276

Ion Ratio Lower Upper

202 100

101 12.2 9.5 14.3

100 9.4 7.3 10.9



#82

Pyrene

Concen: 21.586 ng/ul

RT: 19.869 min Scan# 2802

Delta R.T. 0.000 min

Lab File: BP015134.D

Acq: 17 May 2023 19:47

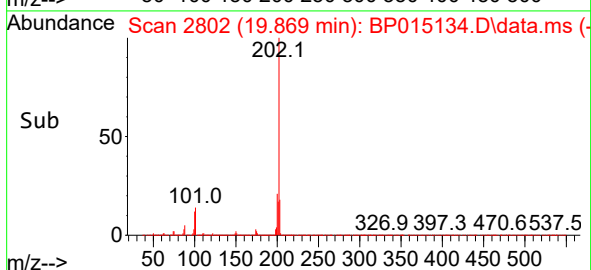
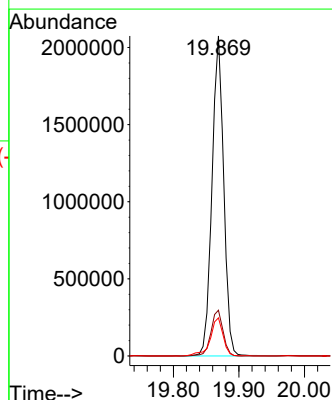
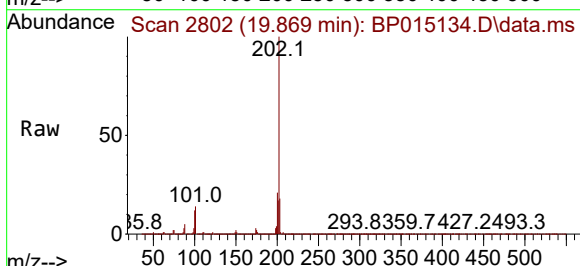
Tgt Ion:202 Resp: 2572232

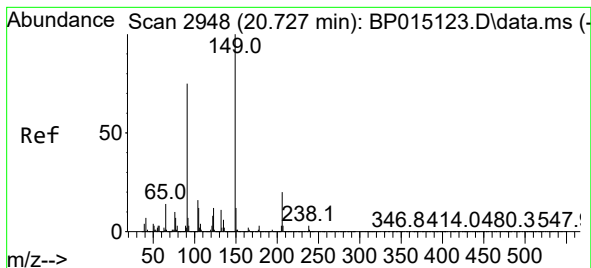
Ion Ratio Lower Upper

202 100

101 14.3 11.2 16.8

100 11.9 9.0 13.6





#83

Butylbenzylphthalate

Concen: 20.167 ng/ul

RT: 20.722 min Scan# 2948

Delta R.T. 0.000 min

Lab File: BP015134.D

Acq: 17 May 2023 19:47

Instrument :

BNA_P

ClientSampleId :

SSTD020716

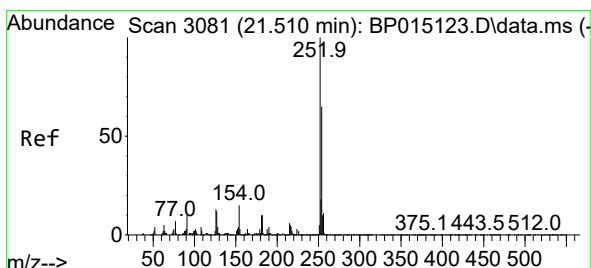
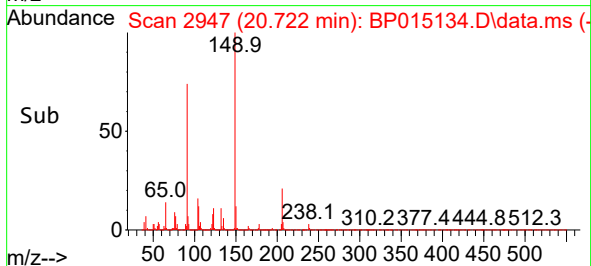
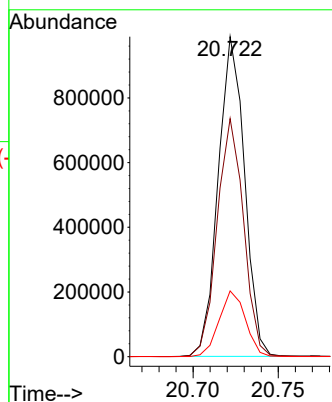
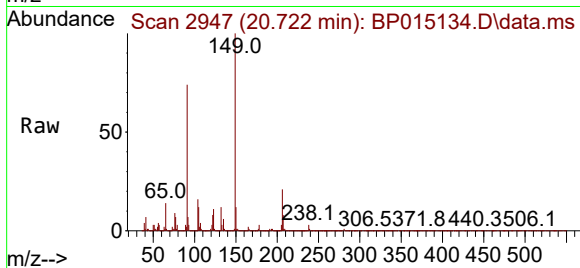
Tgt Ion:149 Resp: 1065375

Ion Ratio Lower Upper

149 100

91 74.4 57.4 86.2

206 20.5 16.6 25.0



#84

3,3'-Dichlorobenzidine

Concen: 20.612 ng/ul

RT: 21.510 min Scan# 3081

Delta R.T. 0.000 min

Lab File: BP015134.D

Acq: 17 May 2023 19:47

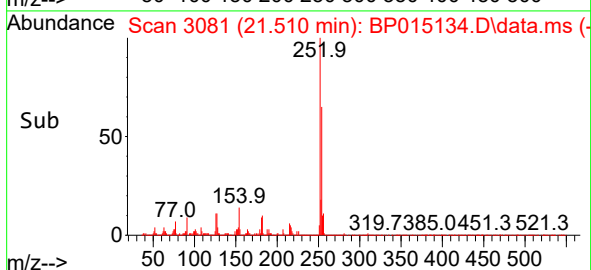
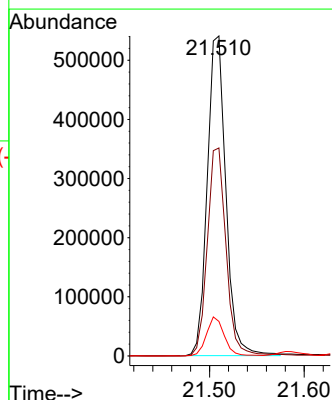
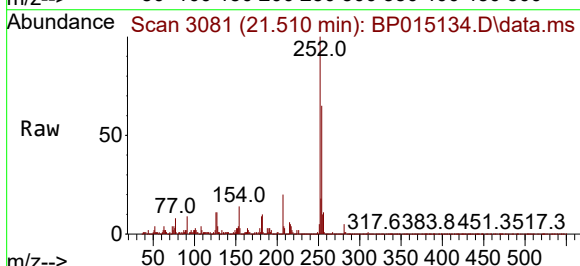
Tgt Ion:252 Resp: 738943

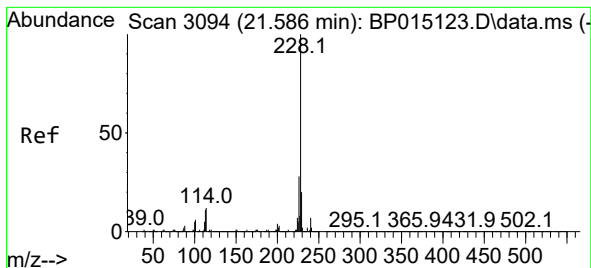
Ion Ratio Lower Upper

252 100

254 65.0 50.8 76.2

126 10.8 9.8 14.8





#85

Benzo(a)anthracene

Concen: 21.662 ng/ul

RT: 21.580 min Scan# 3094

Delta R.T. -0.006 min

Lab File: BP015134.D

Acq: 17 May 2023 19:47

Instrument :

BNA_P

ClientSampleId :

SSTD020716

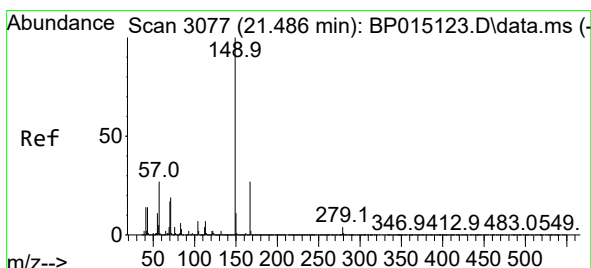
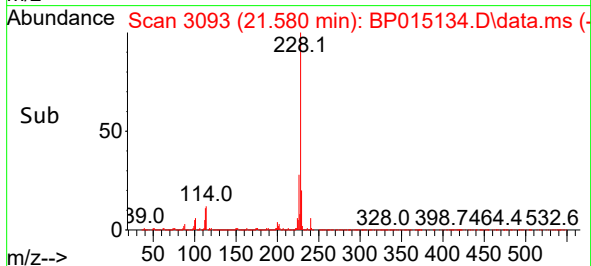
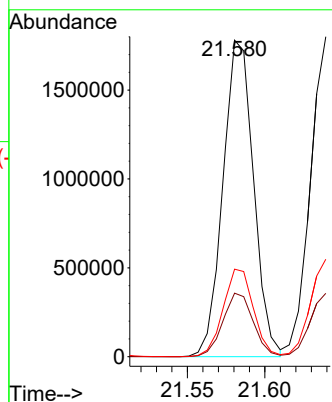
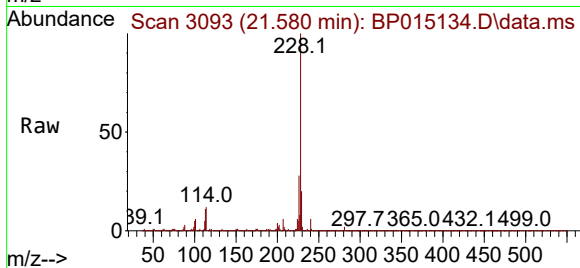
Tgt Ion:228 Resp: 2444901

Ion Ratio Lower Upper

228 100

229 20.1 16.1 24.1

226 27.6 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 20.225 ng/ul

RT: 21.480 min Scan# 3076

Delta R.T. 0.000 min

Lab File: BP015134.D

Acq: 17 May 2023 19:47

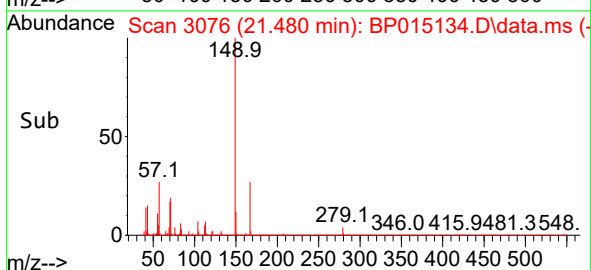
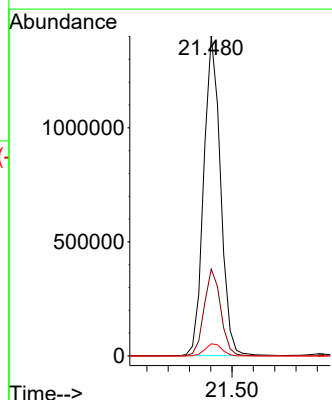
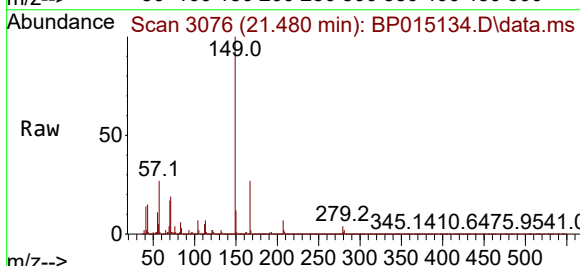
Tgt Ion:149 Resp: 1538202

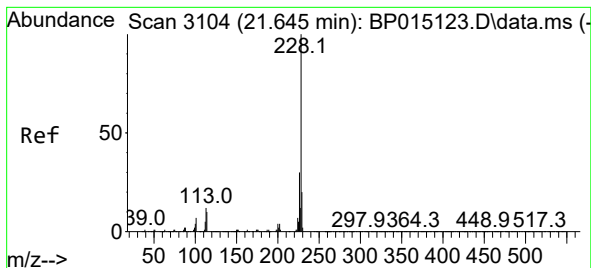
Ion Ratio Lower Upper

149 100

167 27.2 21.8 32.6

279 3.8 3.2 4.8





#87

Chrysene

Concen: 21.754 ng/ul

RT: 21.639 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BP015134.D

Acq: 17 May 2023 19:47

Instrument :

BNA_P

ClientSampleId :

SSTD020716

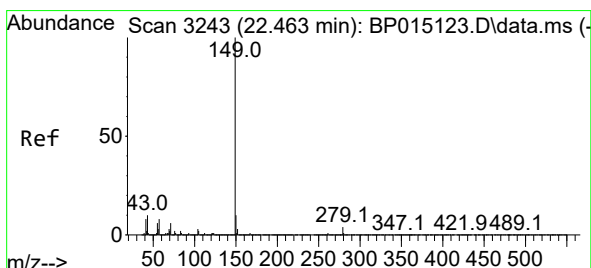
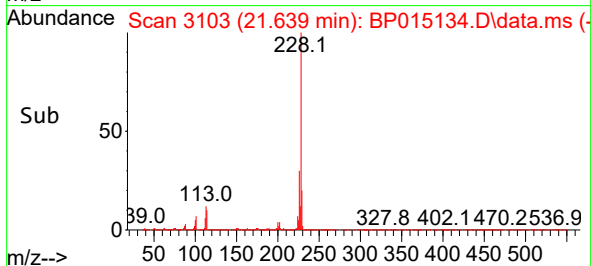
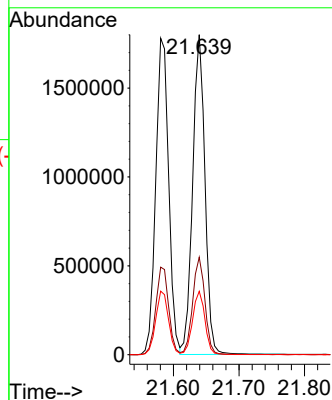
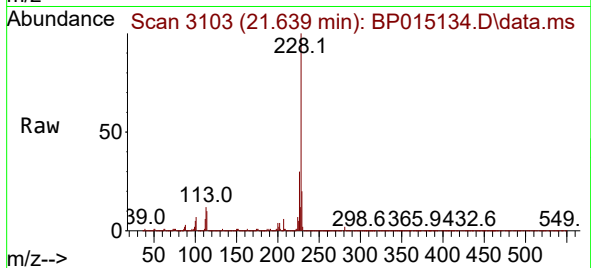
Tgt Ion:228 Resp: 2347164

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.6

229 19.8 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 23.604 ng/ul

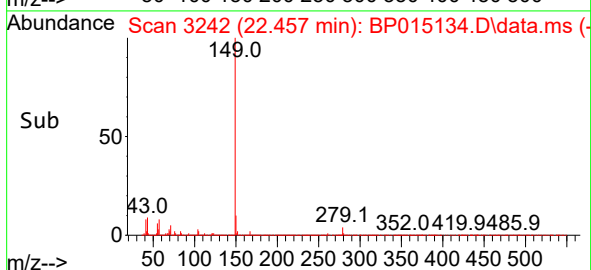
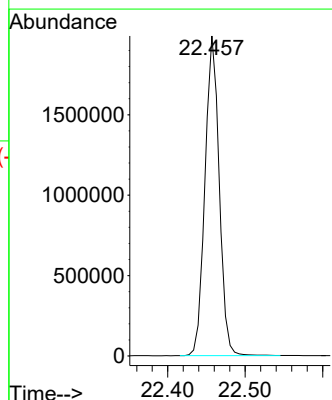
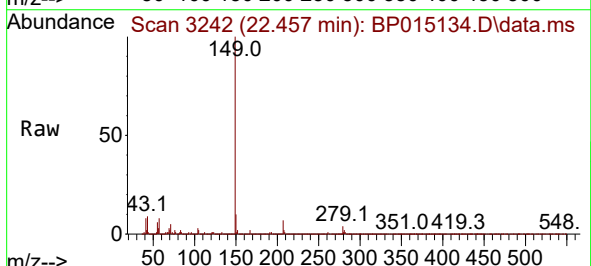
RT: 22.457 min Scan# 3242

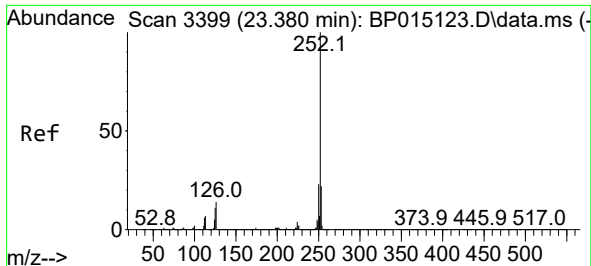
Delta R.T. 0.000 min

Lab File: BP015134.D

Acq: 17 May 2023 19:47

Tgt Ion:149 Resp: 2536174

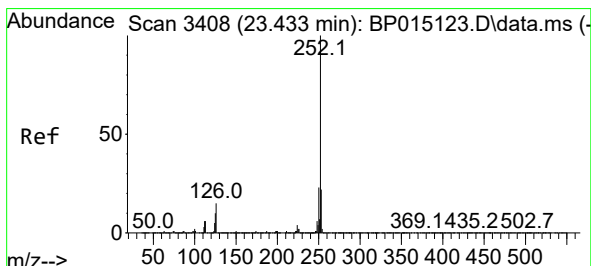
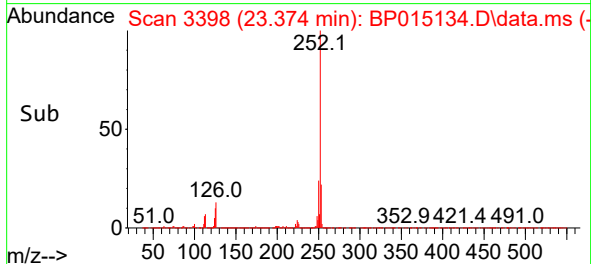
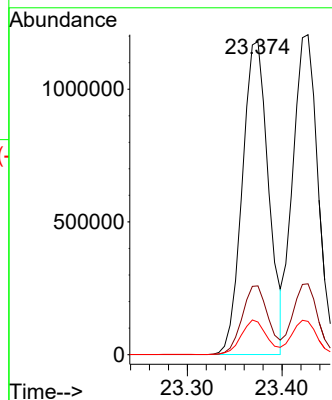
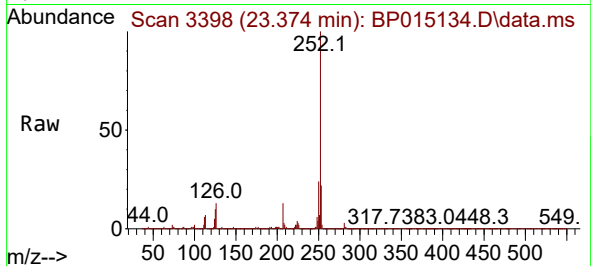




#90
Benzo(b)fluoranthene
Concen: 22.883 ng/ul
RT: 23.374 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP015134.D
Acq: 17 May 2023 19:47

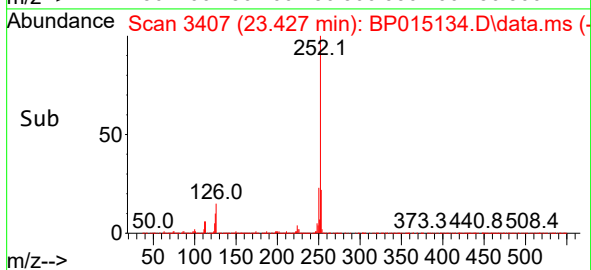
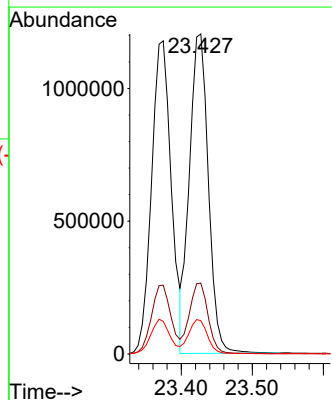
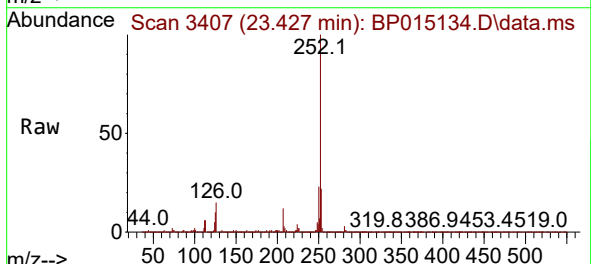
Instrument :
BNA_P
ClientSampleId :
SSTD020716

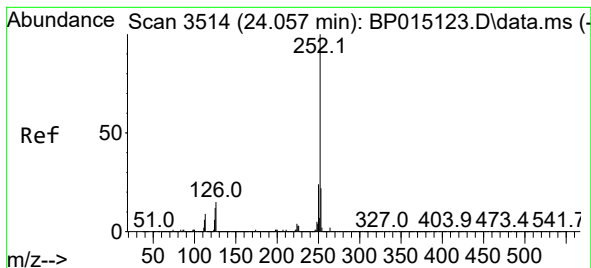
Tgt Ion:252 Resp: 2275928
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 10.4 8.3 12.5



#91
Benzo(k)fluoranthene
Concen: 23.445 ng/ul
RT: 23.427 min Scan# 3407
Delta R.T. 0.000 min
Lab File: BP015134.D
Acq: 17 May 2023 19:47

Tgt Ion:252 Resp: 2239073
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.4 8.5 12.7





#93

Benzo(a)pyrene

Concen: 21.932 ng/ul

RT: 24.045 min Scan# 3514

Delta R.T. -0.006 min

Lab File: BP015134.D

Acq: 17 May 2023 19:47

Instrument :

BNA_P

ClientSampleId :

SSTD020716

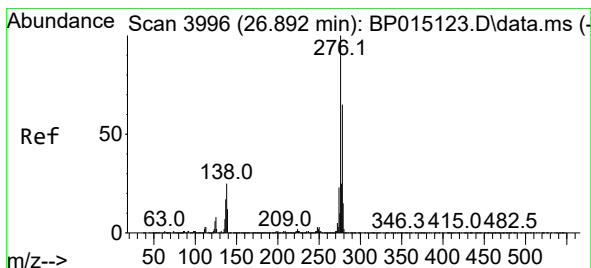
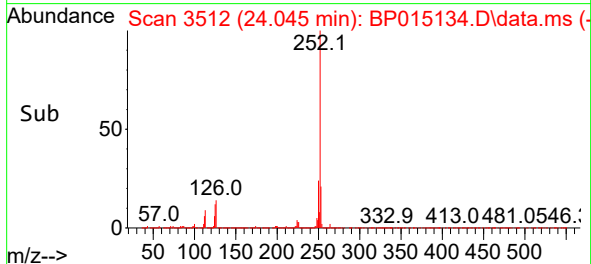
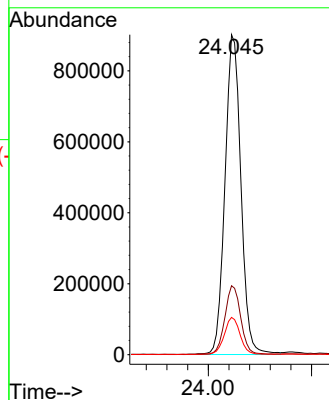
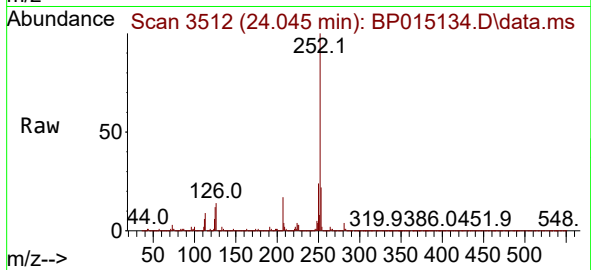
Tgt Ion:252 Resp: 1928092

Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

125 11.7 9.1 13.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 18.913 ng/ul

RT: 26.880 min Scan# 3994

Delta R.T. -0.006 min

Lab File: BP015134.D

Acq: 17 May 2023 19:47

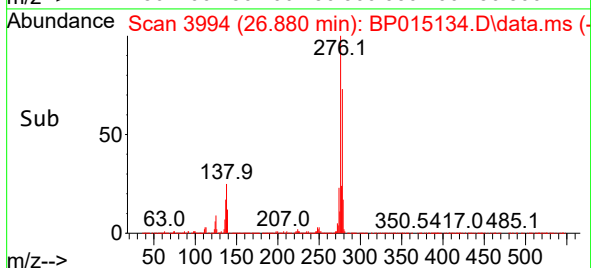
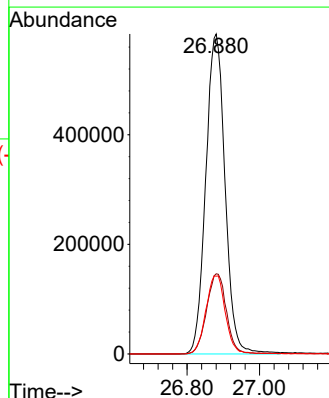
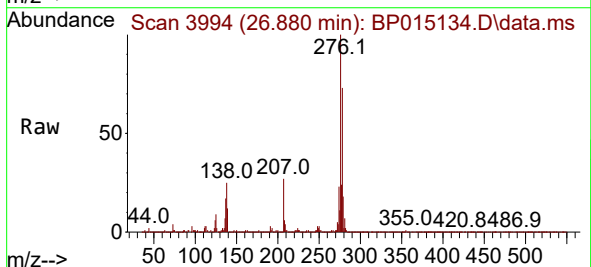
Tgt Ion:276 Resp: 2152776

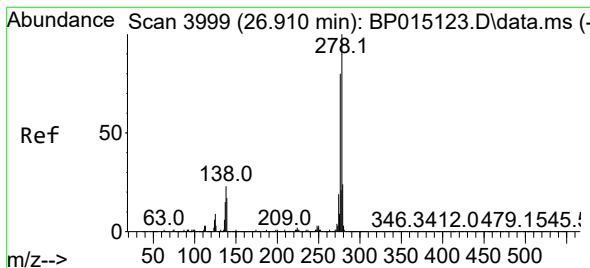
Ion Ratio Lower Upper

276 100

138 25.1 20.1 30.1

277 24.3 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 19.141 ng/ul

RT: 26.898 min Scan# 3999

Delta R.T. -0.006 min

Lab File: BP015134.D

Acq: 17 May 2023 19:47

Instrument :

BNA_P

ClientSampleId :

SSTD020716

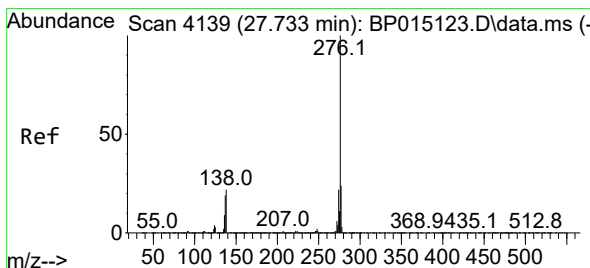
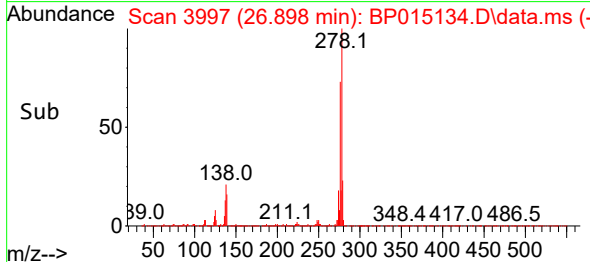
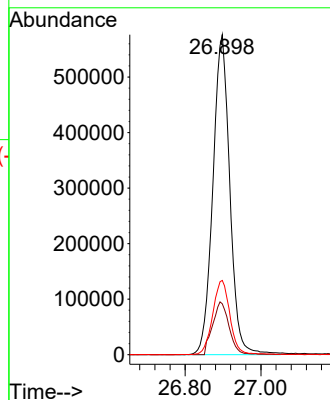
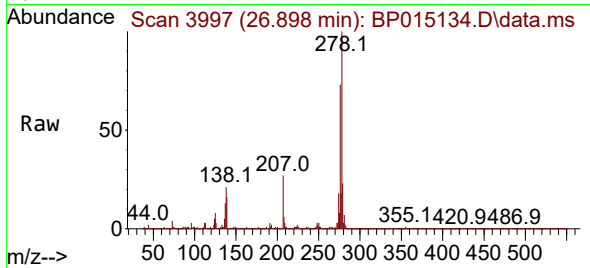
Tgt Ion:278 Resp: 1788537

Ion Ratio Lower Upper

278 100

139 15.9 13.3 19.9

279 23.2 19.1 28.7



#96

Benzo(g,h,i)perylene

Concen: 18.278 ng/ul

RT: 27.715 min Scan# 4136

Delta R.T. -0.006 min

Lab File: BP015134.D

Acq: 17 May 2023 19:47

Tgt Ion:276 Resp: 1696537

Ion Ratio Lower Upper

276 100

138 21.2 17.7 26.5

277 23.5 18.8 28.2

