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 Data File : BP015247.D
 Acq On : 23 May 2023 19:21
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020728

Quant Time: May 23 22:22:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 23 01:25:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.122	152	341772	20.000	ng/ul	0.00
20) Naphthalene-d8	10.952	136	1529095	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.757	164	977100	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.516	188	2220803	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	1757578	20.000	ng/ul	0.00
88) Perylene-d12	24.145	264	1983655	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	69306	7.879	ng/uL	0.00
4) Pyridine-d5	3.864	84	453941	18.206	ng/ul	0.00
7) Phenol-d5	7.269	99	604320	19.044	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.440	67	367614	20.058	ng/ul	0.00
11) 2-Chlorophenol-d4	7.646	132	452747	19.405	ng/ul	0.00
15) 4-Methylphenol-d8	8.834	113	489401	19.355	ng/ul	0.00
21) Nitrobenzene-d5	9.299	128	238092	19.815	ng/ul	0.00
24) 2-Nitrophenol-d4	10.022	143	274749	20.550	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.563	165	493286	20.447	ng/ul	0.00
31) 4-Chloroaniline-d4	11.087	131	643319	18.023	ng/ul	0.00
46) Dimethylphthalate-d6	14.163	166	1413353	19.142	ng/ul	0.00
49) Acenaphthylene-d8	14.457	160	1598805	18.933	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	227836	15.891	ng/ul	0.00
60) Fluorene-d10	15.751	176	1184755	19.016	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	212483	15.182	ng/ul	0.00
73) Anthracene-d10	17.610	188	1716043	16.875	ng/ul	0.00
81) Pyrene-d10	19.833	212	1759899	17.265	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	1550853	15.749	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.464	88	74727	7.906	ng/uL	95
5) Pyridine	3.887	79	463924	17.890	ng/ul	96
6) Benzaldehyde	7.252	77	216109	24.777	ng/ul	99
8) Phenol	7.299	94	627162	19.274	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.534	93	507561	19.496	ng/ul	99
12) 2-Chlorophenol	7.675	128	480180	19.457	ng/ul	97
13) 2-Methylphenol	8.563	108	482818	19.198	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.646	45	674487	20.679	ng/ul	98
16) Acetophenone	8.958	105	777717	19.707	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.940	70	407152	19.672	ng/ul	97
18) 4-Methylphenol	8.899	108	530419	19.162	ng/ul	99
19) Hexachloroethane	9.210	117	205030	20.347	ng/ul	92
22) Nitrobenzene	9.340	77	599650	20.207	ng/ul	99
23) Isophorone	9.869	82	1201337	19.695	ng/ul	100
25) 2-Nitrophenol	10.058	139	294894	20.114	ng/ul	94
26) 2,4-Dimethylphenol	10.110	107	588775	20.125	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.352	93	721553	19.442	ng/ul	98
29) 2,4-Dichlorophenol	10.593	162	492479	20.209	ng/ul	99
30) Naphthalene	10.999	128	1585778	19.076	ng/ul	99
32) 4-Chloroaniline	11.110	127	668185	18.213	ng/ul	100
33) Hexachlorobutadiene	11.281	225	322109	21.932	ng/ul	99
34) Caprolactam	11.893	113	123843	13.480	ng/ul	91
35) 4-Chloro-3-methylphenol	12.222	107	551649	20.048	ng/ul	98
36) 2-Methylnaphthalene	12.599	142	1089690	19.454	ng/ul	100

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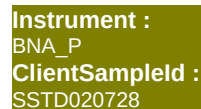
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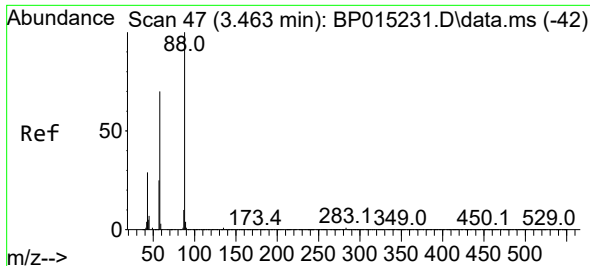
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.816	142	1093062	19.432	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.963	216	592723	20.283	ng/ul	99
40) Hexachlorocyclopentadiene	12.934	237	349636	18.466	ng/ul	99
41) 2,4,6-Trichlorophenol	13.199	196	405385	19.645	ng/ul	96
42) 2,4,5-Trichlorophenol	13.269	196	442396	19.773	ng/ul	99
43) 1,1'-Biphenyl	13.593	154	1476041	19.470	ng/ul	99
44) 2-Chloronaphthalene	13.640	162	1152804	19.472	ng/ul	100
45) 2-Nitroaniline	13.846	65	347658	20.523	ng/ul	95
47) Dimethylphthalate	14.210	163	1484767	19.309	ng/ul	99
48) 2,6-Dinitrotoluene	14.334	165	317932	20.870	ng/ul	99
50) Acenaphthylene	14.481	152	1784479	18.939	ng/ul	99
51) 3-Nitroaniline	14.663	138	258675	18.857	ng/ul	97
52) Acenaphthene	14.822	153	1222812	19.002	ng/ul	99
53) 2,4-Dinitrophenol	14.875	184	171497	16.955	ng/ul	95
55) 4-Nitrophenol	14.969	109	205024	19.442	ng/ul	86
56) Dibenzofuran	15.157	168	1702442	19.020	ng/ul	99
57) 2,4-Dinitrotoluene	15.122	165	435613	19.761	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.381	232	362690	19.208	ng/ul	98
59) Diethylphthalate	15.569	149	1571349	20.489	ng/ul	100
61) Fluorene	15.804	166	1369163	19.034	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.793	204	703470	20.015	ng/ul	94
63) 4-Nitroaniline	15.828	138	196216	16.564	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.887	198	230071	15.928	ng/ul	97
67) N-Nitrosodiphenylamine	16.010	169	1179207	18.058	ng/ul	99
68) 4-Bromophenyl-phenylether	16.692	248	465098	20.333	ng/ul	98
69) Hexachlorobenzene	16.810	284	521491	19.292	ng/ul	98
70) Atrazine	16.963	200	450340	18.658	ng/ul	99
71) Pentachlorophenol	17.157	266	287154	16.982	ng/ul	99
72) Phenanthrene	17.557	178	2195268	18.153	ng/ul	99
74) Anthracene	17.645	178	2182356	17.846	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.563	216	605154	19.219	ng/ul	98
76) Pentachlorobenzene	15.075	250	581734	18.400	ng/ul	99
77) Carbazole	17.910	167	1854114	17.291	ng/ul	99
78) Di-n-butylphthalate	18.445	149	2908512	21.062	ng/ul	99
80) Fluoranthene	19.504	202	2472661	19.902	ng/ul	99
82) Pyrene	19.857	202	2439785	19.016	ng/ul	98
83) Butylbenzylphthalate	20.710	149	1109084	19.499	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.492	252	535615	13.876	ng/ul	99
85) Benzo(a)anthracene	21.569	228	2184705	17.977	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.469	149	1585788	19.365	ng/ul	99
87) Chrysene	21.627	228	1949052	16.777	ng/ul	98
89) Di-n-octyl phthalate	22.439	149	2483290	18.279	ng/ul	100
90) Benzo(b)fluoranthene	23.357	252	2226854	17.708	ng/ul	99
91) Benzo(k)fluoranthene	23.410	252	2156438	17.859	ng/ul	99
93) Benzo(a)pyrene	24.027	252	1955394	17.592	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.857	276	2580705	17.931	ng/ul	98
95) Dibenzo(a,h)anthracene	26.874	278	2130371	18.032	ng/ul	98
96) Benzo(g,h,i)perylene	27.692	276	2120681	18.070	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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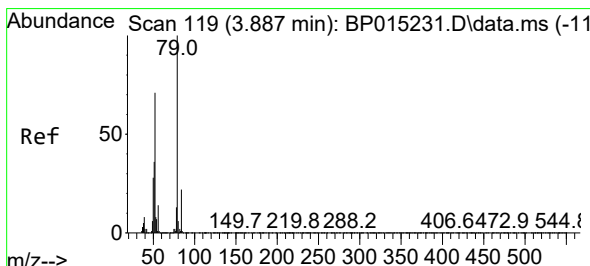
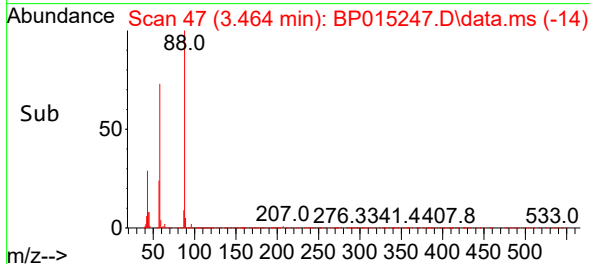
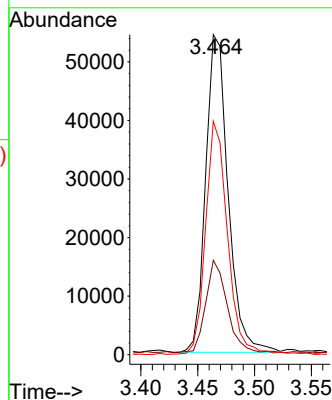
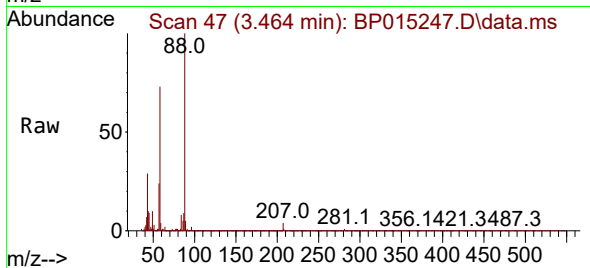




#2
1,4-Dioxane
Concen: 7.906 ng/uL
RT: 3.464 min Scan# 41
Delta R.T. -0.006 min
Lab File: BP015247.D
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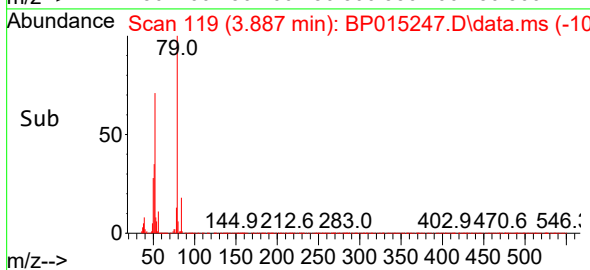
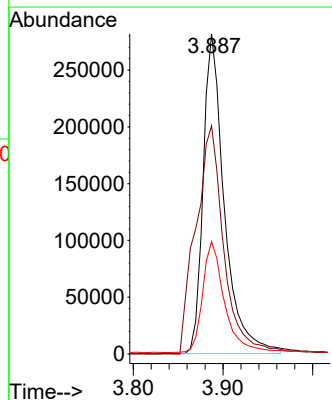
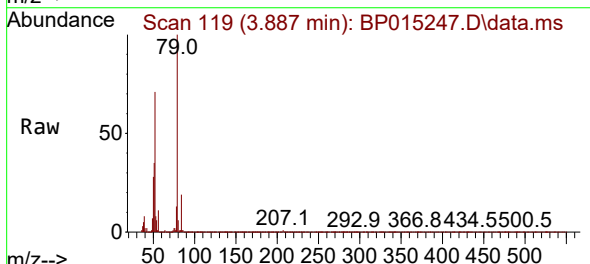
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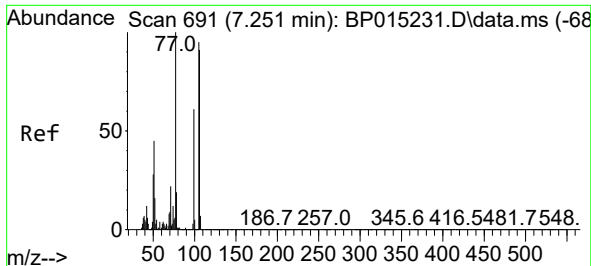
Tgt Ion: 88 Resp: 74727
Ion Ratio Lower Upper
88 100
43 29.5 20.4 30.6
58 72.9 55.4 83.2



#5
Pyridine
Concen: 17.890 ng/uL
RT: 3.887 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

Tgt Ion: 79 Resp: 463924
Ion Ratio Lower Upper
79 100
52 71.3 55.4 83.2
51 35.1 25.4 38.2

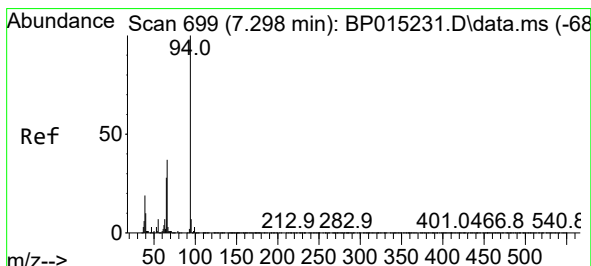
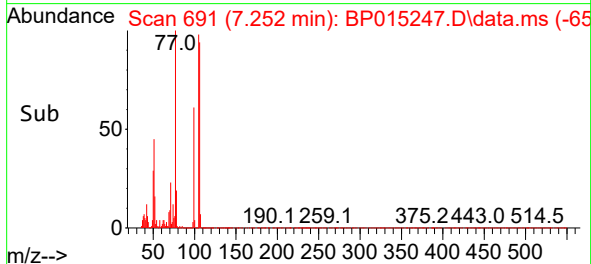
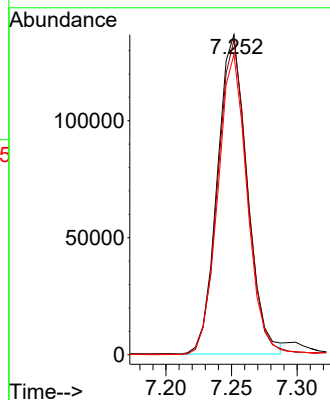
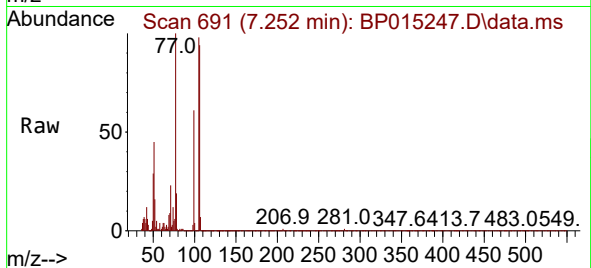




#6
Benzaldehyde
Concen: 24.777 ng/ul
RT: 7.252 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

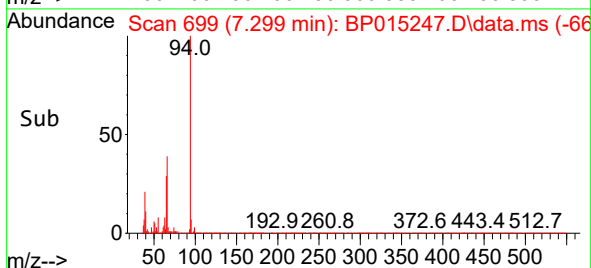
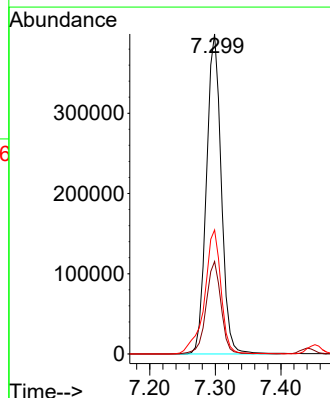
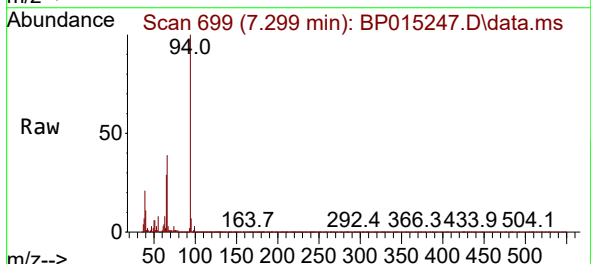
Instrument :
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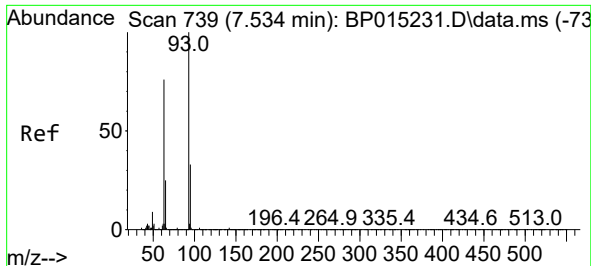
Tgt Ion: 77 Resp: 216109
Ion Ratio Lower Upper
77 100
105 98.3 76.9 115.3
106 93.8 75.0 112.6



#8
Phenol
Concen: 19.274 ng/ul
RT: 7.299 min Scan# 699
Delta R.T. 0.000 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

Tgt Ion: 94 Resp: 627162
Ion Ratio Lower Upper
94 100
65 28.9 20.6 31.0
66 38.7 26.1 39.1

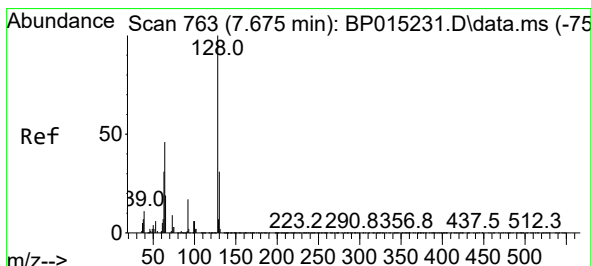
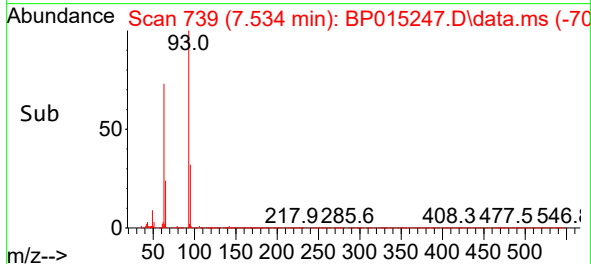
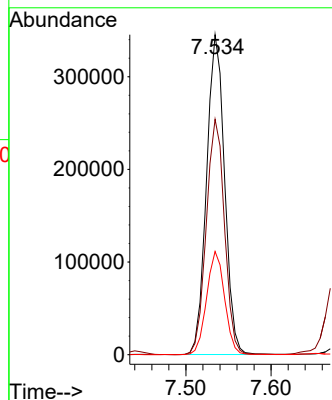
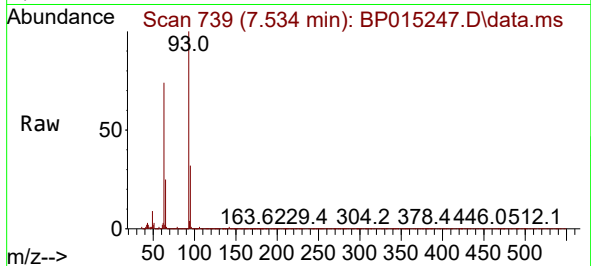




#10
Bis(2-Chloroethyl)ether
Concen: 19.496 ng/ul
RT: 7.534 min Scan# 739
Delta R.T. 0.000 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

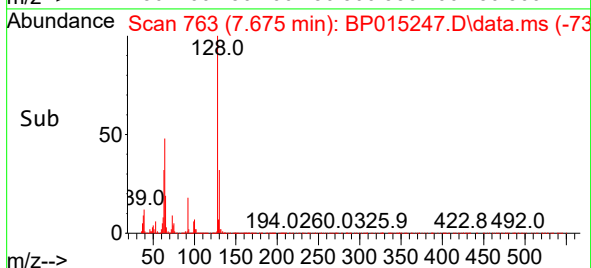
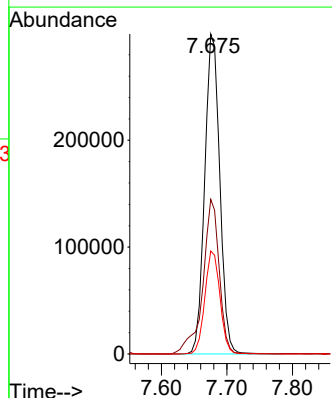
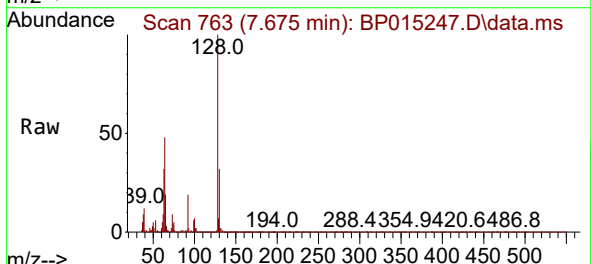
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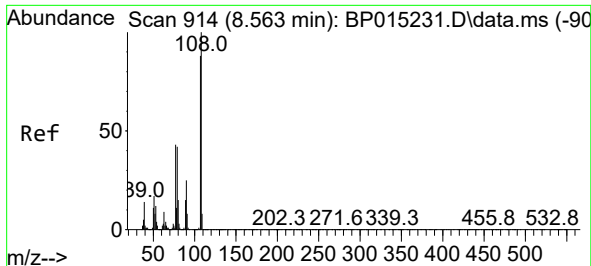
Tgt Ion: 93 Resp: 507561
Ion Ratio Lower Upper
93 100
63 73.6 58.0 87.0
95 32.3 26.4 39.6



#12
2-Chlorophenol
Concen: 19.457 ng/ul
RT: 7.675 min Scan# 763
Delta R.T. -0.006 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

Tgt Ion: 128 Resp: 480180
Ion Ratio Lower Upper
128 100
64 48.3 36.2 54.2
130 32.2 26.3 39.5

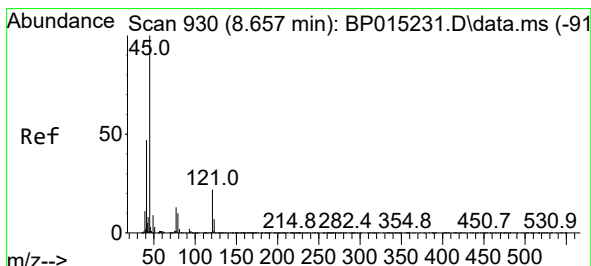
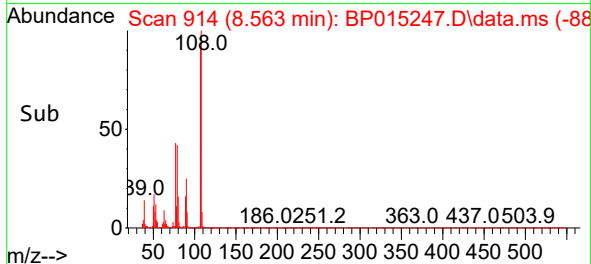
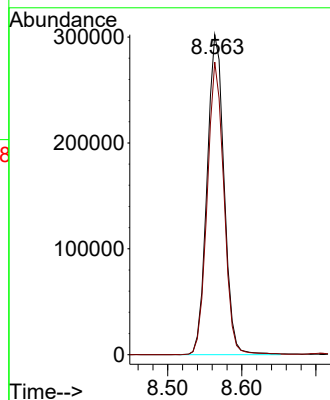
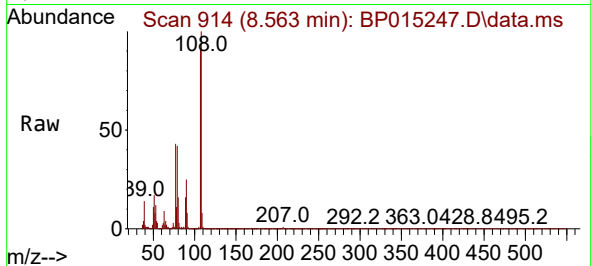




#13
2-Methylphenol
Concen: 19.198 ng/ul
RT: 8.563 min Scan# 914
Delta R.T. 0.000 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

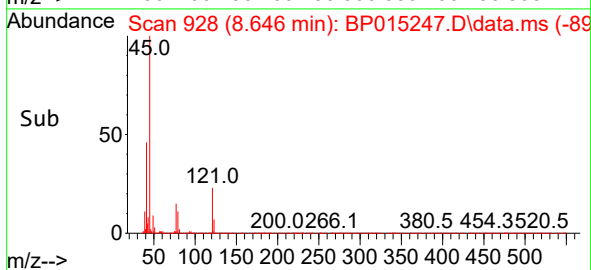
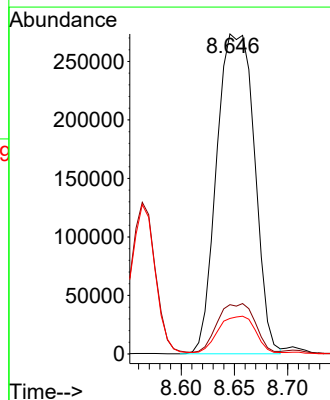
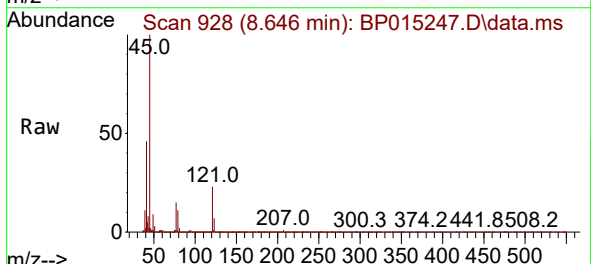
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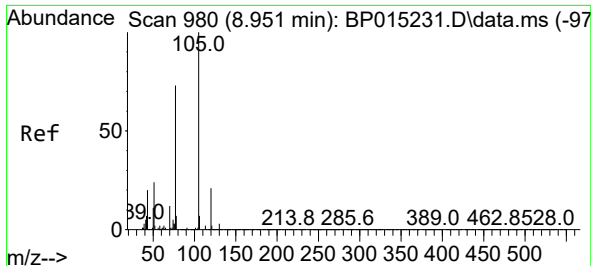
Tgt Ion:108 Resp: 482818
Ion Ratio Lower Upper
108 100
107 91.4 71.8 107.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 20.679 ng/ul
RT: 8.646 min Scan# 928
Delta R.T. -0.012 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

Tgt Ion: 45 Resp: 674487
Ion Ratio Lower Upper
45 100
77 15.4 12.8 19.2
79 11.1 9.5 14.3

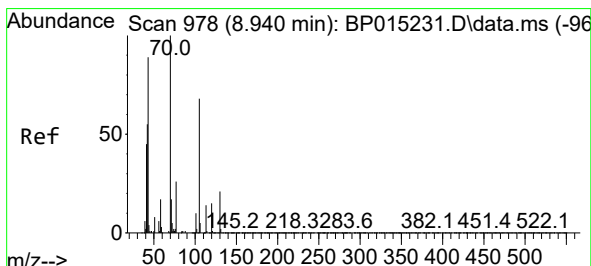
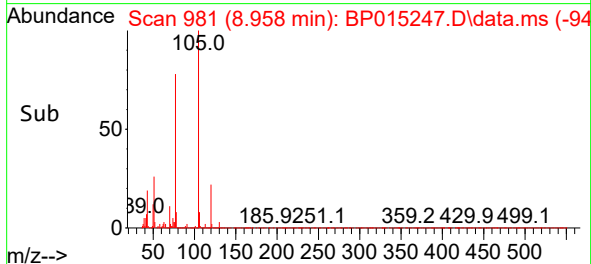
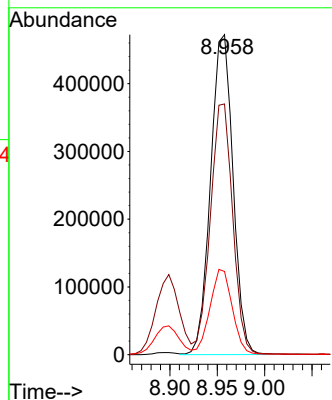
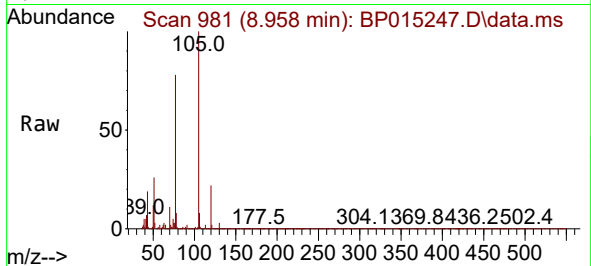




#16
Acetophenone
Concen: 19.707 ng/ul
RT: 8.958 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP015247.D
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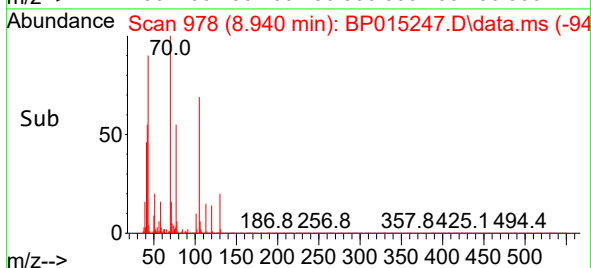
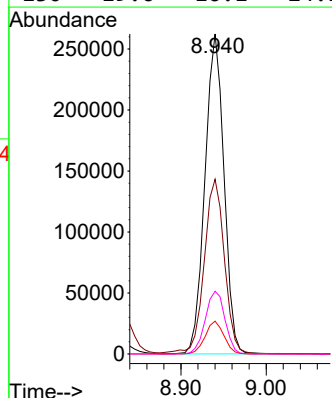
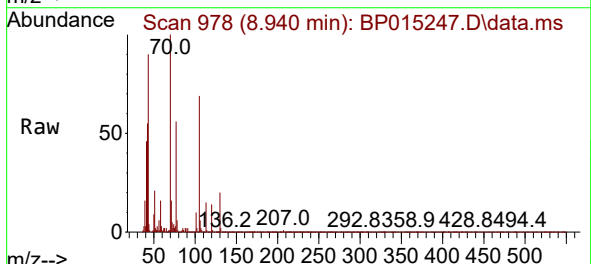
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ClientSampleId :
SSTD020728

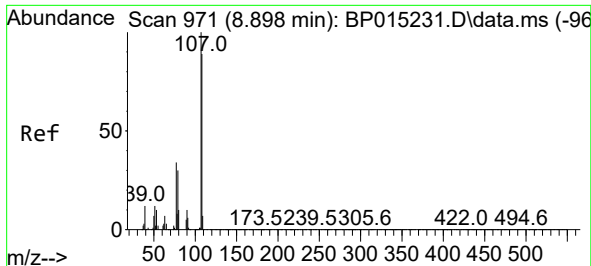
Tgt Ion:105 Resp: 777717
Ion Ratio Lower Upper
105 100
77 78.4 59.4 89.2
51 26.0 19.2 28.8



#17
N-Nitroso-di-n-propylamine
Concen: 19.672 ng/ul
RT: 8.940 min Scan# 978
Delta R.T. 0.000 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

Tgt Ion: 70 Resp: 407152
Ion Ratio Lower Upper
70 100
42 54.6 41.0 61.6
101 10.2 7.9 11.9
130 19.6 16.1 24.1





#18

4-Methylphenol

Concen: 19.162 ng/ul

RT: 8.899 min Scan# 91

Delta R.T. 0.000 min

Lab File: BP015247.D

Acq: 23 May 2023 19:21

Instrument :

BNA_P

ClientSampleId :

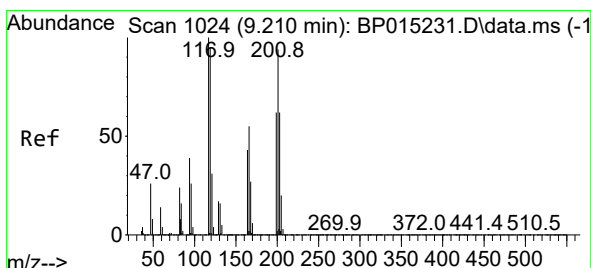
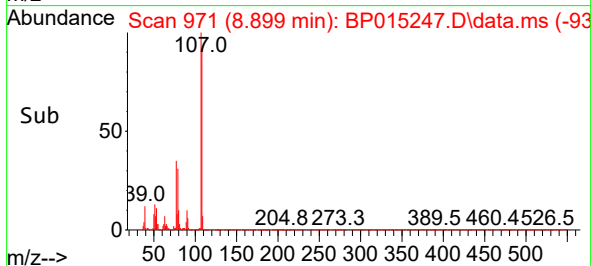
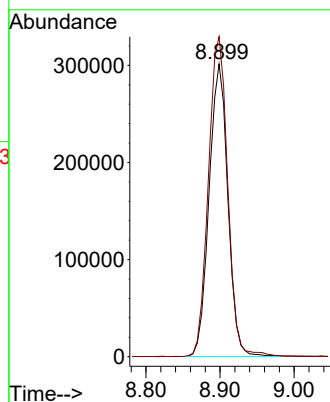
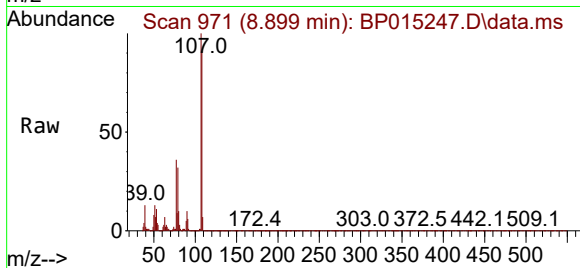
SSTD020728

Tgt Ion:108 Resp: 530419

Ion Ratio Lower Upper

108 100

107 109.3 88.5 132.7



#19

Hexachloroethane

Concen: 20.347 ng/ul

RT: 9.210 min Scan# 1024

Delta R.T. 0.000 min

Lab File: BP015247.D

Acq: 23 May 2023 19:21

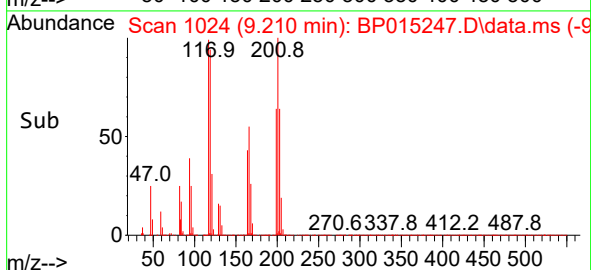
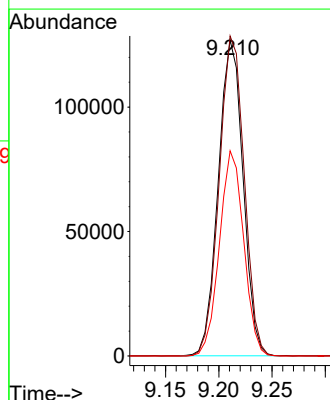
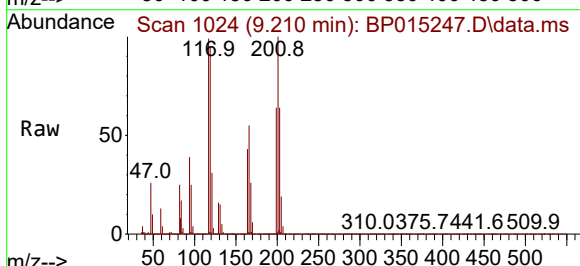
Tgt Ion:117 Resp: 205030

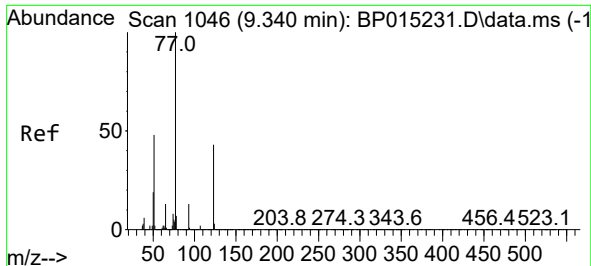
Ion Ratio Lower Upper

117 100

201 101.3 75.8 113.8

199 64.9 46.5 69.7

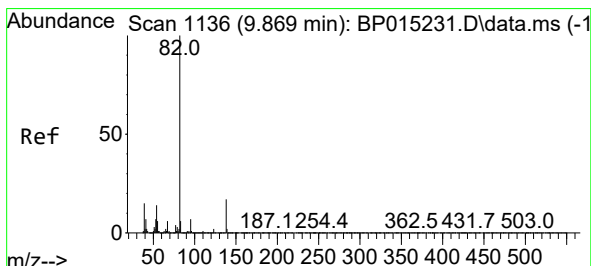
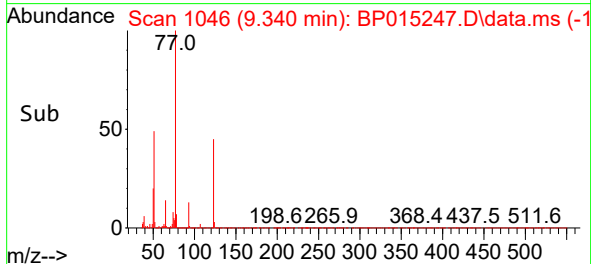
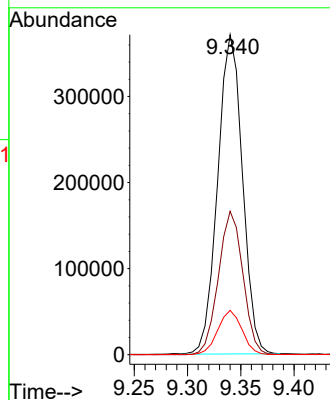
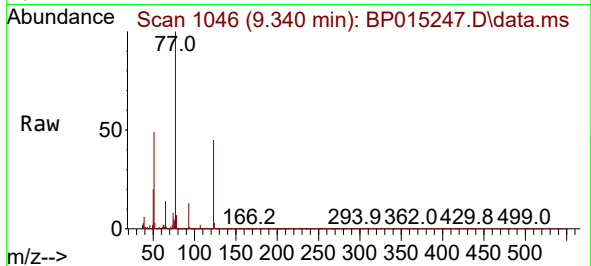




#22
Nitrobenzene
Concen: 20.207 ng/ul
RT: 9.340 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

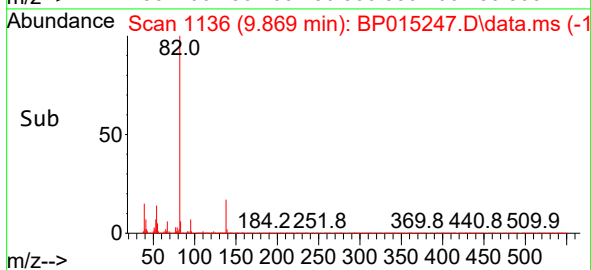
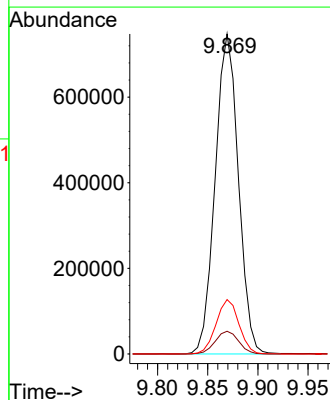
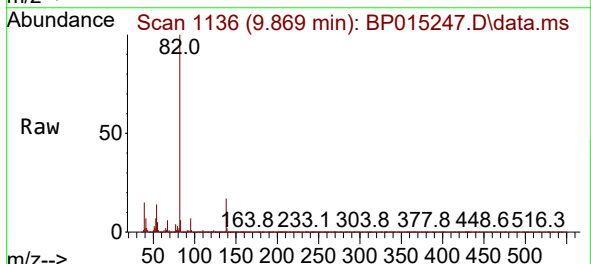
Instrument :
BNA_P
ClientSampleId :
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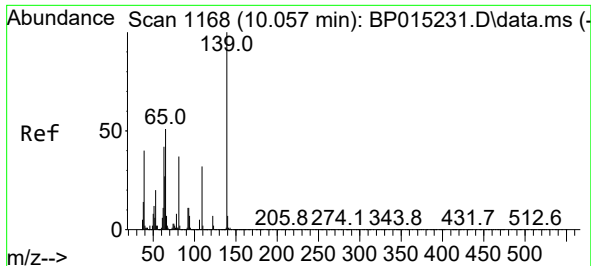
Tgt Ion: 77 Resp: 599650
Ion Ratio Lower Upper
77 100
123 44.8 36.2 54.2
65 13.9 10.1 15.1



#23
Isophorone
Concen: 19.695 ng/ul
RT: 9.869 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

Tgt Ion: 82 Resp: 1201337
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.0
138 17.0 13.6 20.4

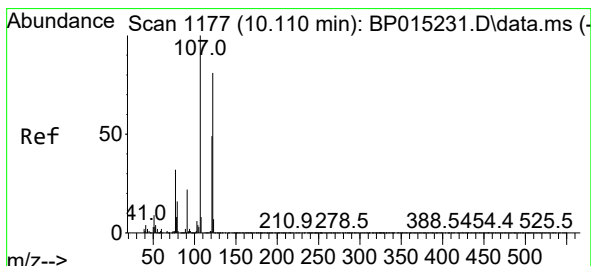
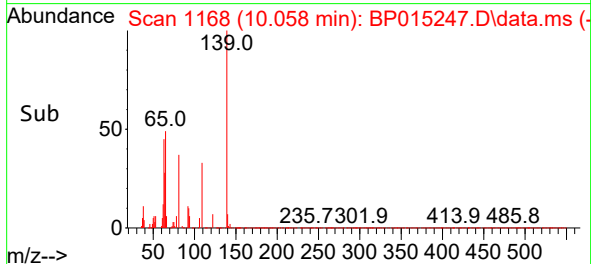
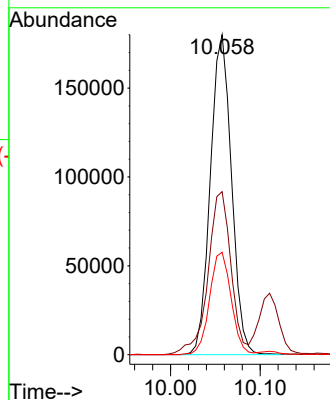
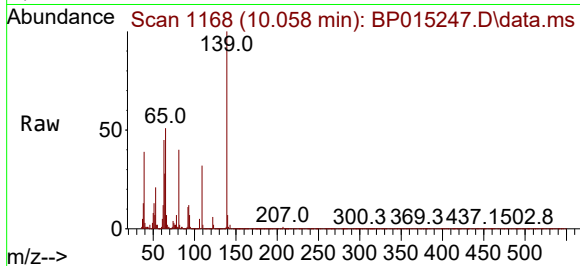




#25
2-Nitrophenol
Concen: 20.114 ng/ul
RT: 10.058 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

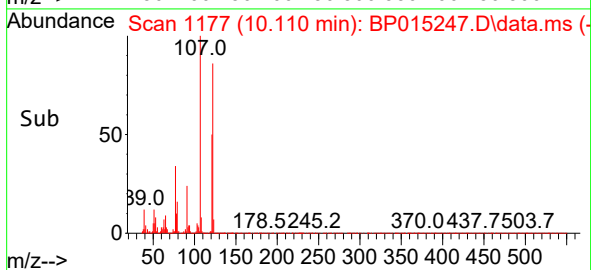
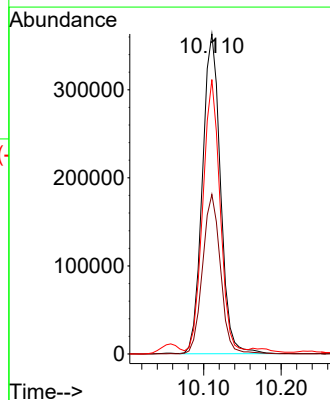
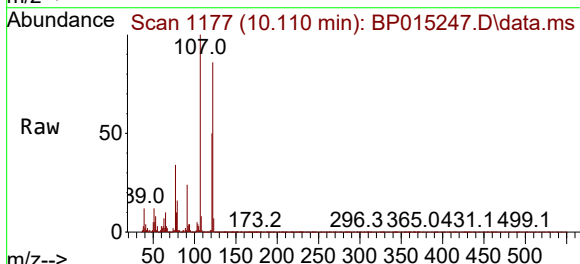
Instrument :
BNA_P
ClientSampleId :
SSTD020728

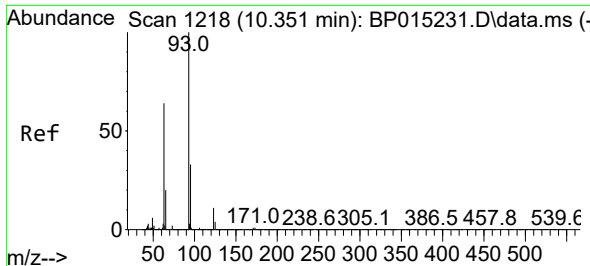
Tgt Ion:139 Resp: 294894
Ion Ratio Lower Upper
139 100
65 50.9 38.4 57.6
109 32.0 22.2 33.2



#26
2,4-Dimethylphenol
Concen: 20.125 ng/ul
RT: 10.110 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

Tgt Ion:107 Resp: 588775
Ion Ratio Lower Upper
107 100
121 49.8 41.0 61.6
122 85.8 69.5 104.3

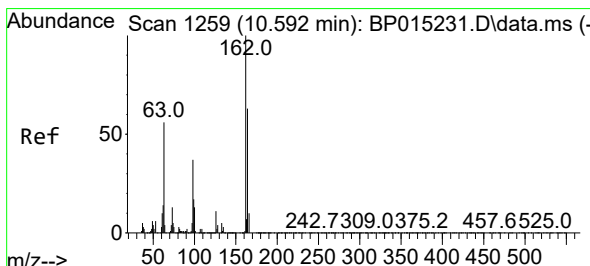
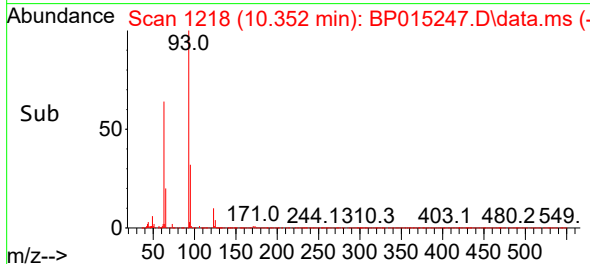
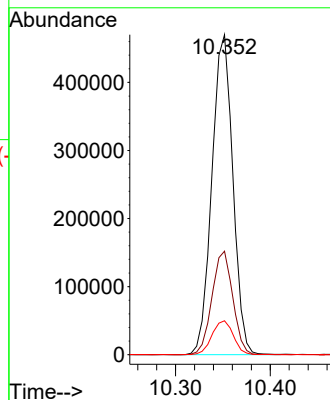
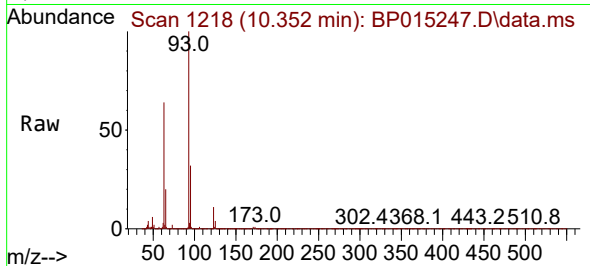




#27
 Bis(2-Chloroethoxy)methane
 Concen: 19.442 ng/ul
 RT: 10.352 min Scan# 1218
 Delta R.T. 0.000 min
 Lab File: BP015247.D
 Acq: 23 May 2023 19:21

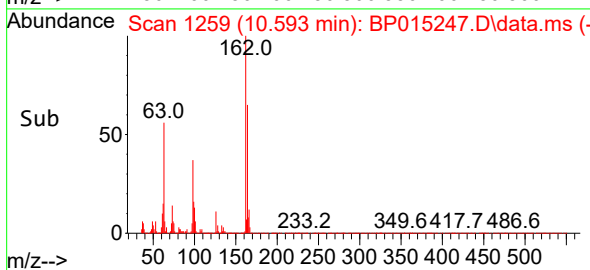
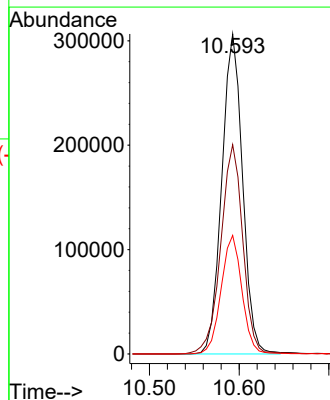
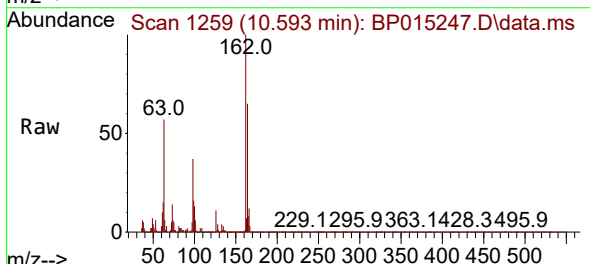
Instrument :
 BNA_P
 ClientSampleId :
 SSTD020728

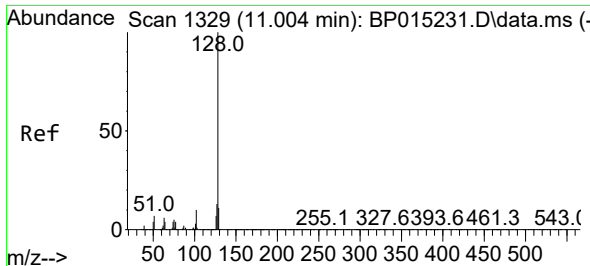
Tgt Ion: 93 Resp: 721553
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.7 40.1
 123 10.6 9.1 13.7



#29
 2,4-Dichlorophenol
 Concen: 20.209 ng/ul
 RT: 10.593 min Scan# 1259
 Delta R.T. 0.000 min
 Lab File: BP015247.D
 Acq: 23 May 2023 19:21

Tgt Ion: 162 Resp: 492479
 Ion Ratio Lower Upper
 162 100
 164 65.4 52.0 78.0
 98 37.1 28.9 43.3

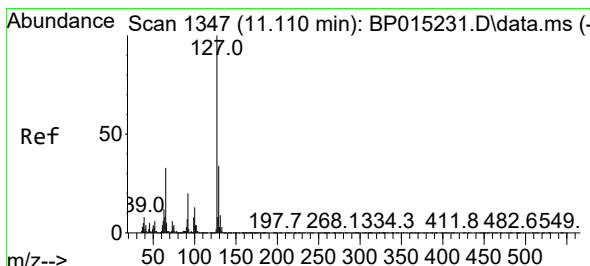
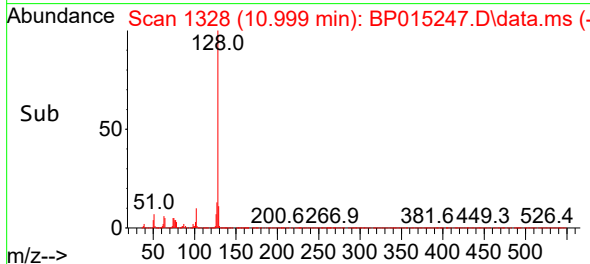
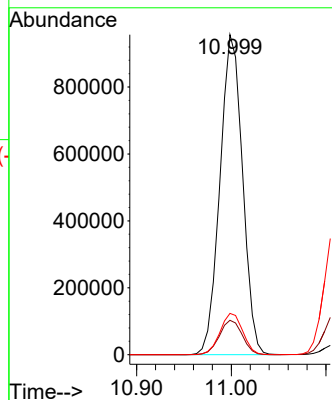
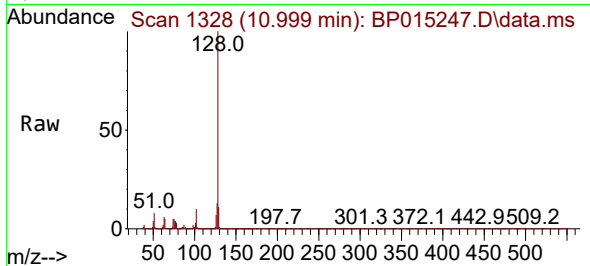




#30
Naphthalene
Concen: 19.076 ng/ul
RT: 10.999 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

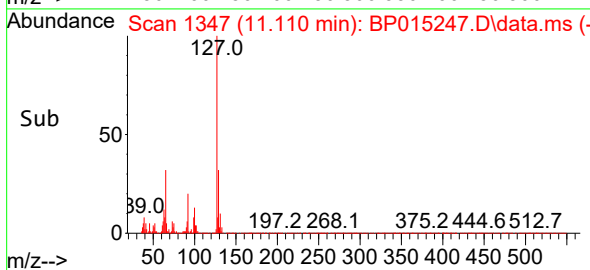
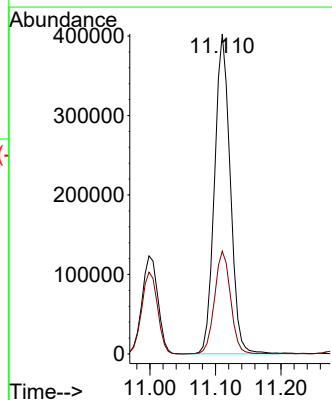
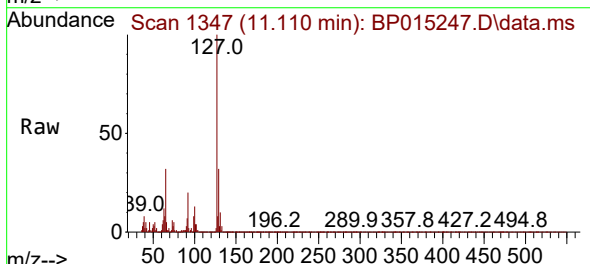
Instrument :
BNA_P
ClientSampleId :
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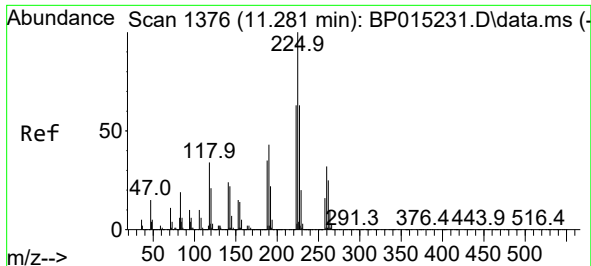
Tgt Ion:128 Resp: 1585778
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 12.9 10.6 15.8



#32
4-Chloroaniline
Concen: 18.213 ng/ul
RT: 11.110 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

Tgt Ion:127 Resp: 668185
Ion Ratio Lower Upper
127 100
129 32.1 25.8 38.8

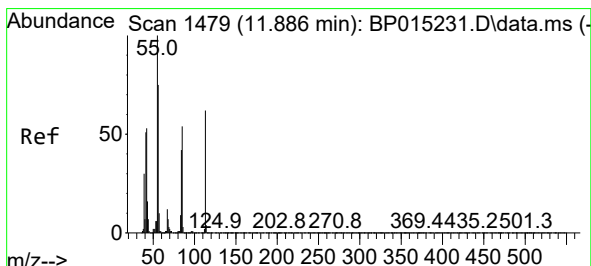
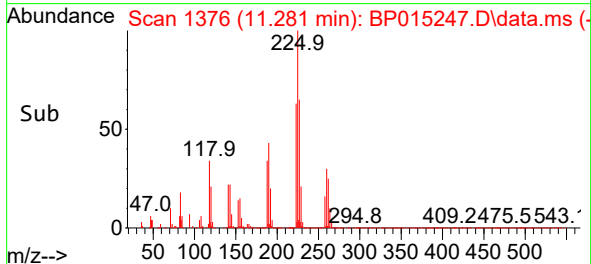
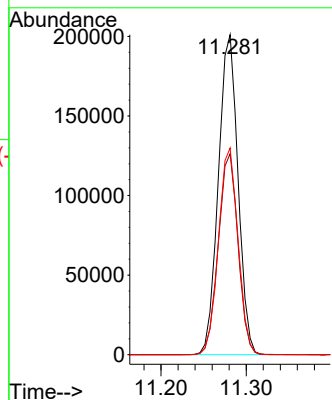
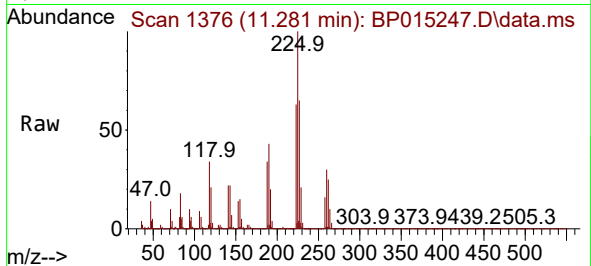




#33
Hexachlorobutadiene
Concen: 21.932 ng/ul
RT: 11.281 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

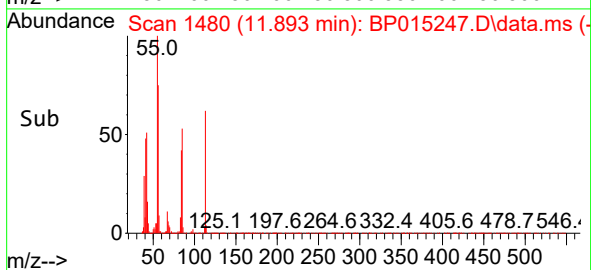
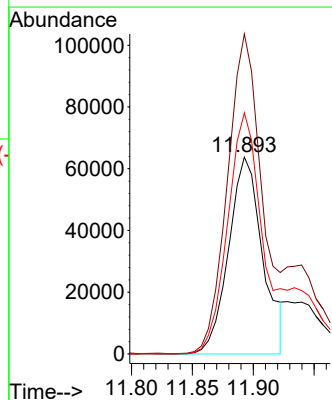
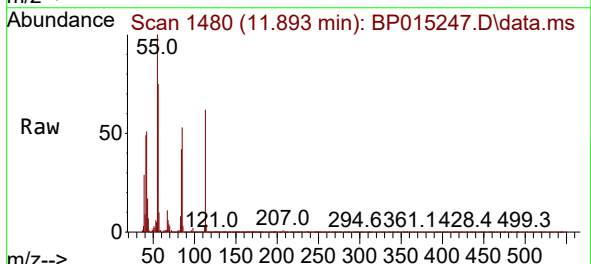
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ClientSampleId :
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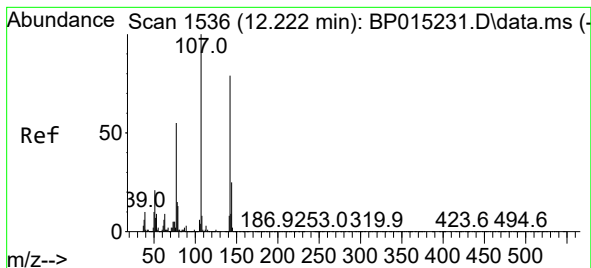
Tgt Ion:225 Resp: 322109
Ion Ratio Lower Upper
225 100
223 62.8 51.0 76.6
227 64.6 52.2 78.4



#34
Caprolactam
Concen: 13.480 ng/ul
RT: 11.893 min Scan# 1480
Delta R.T. 0.006 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

Tgt Ion:113 Resp: 123843
Ion Ratio Lower Upper
113 100
55 162.4 121.2 181.8
56 122.4 90.2 135.4

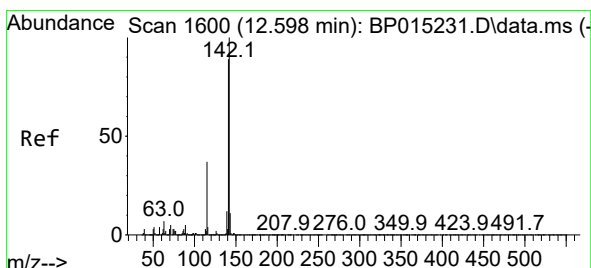
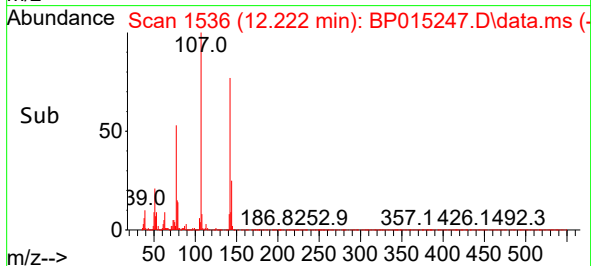
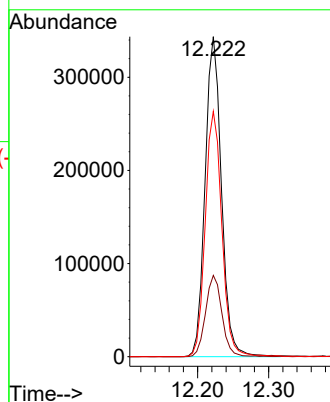
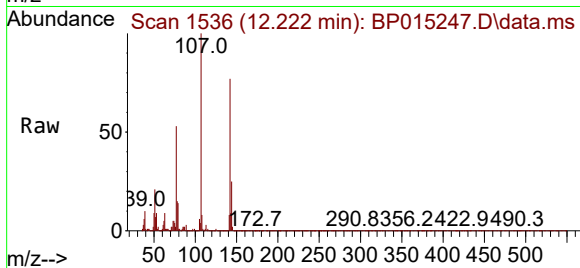




#35
4-Chloro-3-methylphenol
Concen: 20.048 ng/ul
RT: 12.222 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

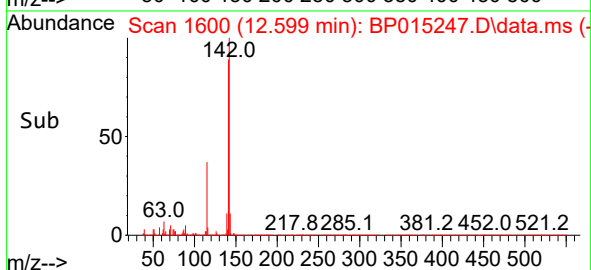
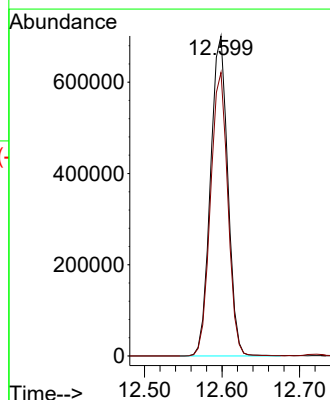
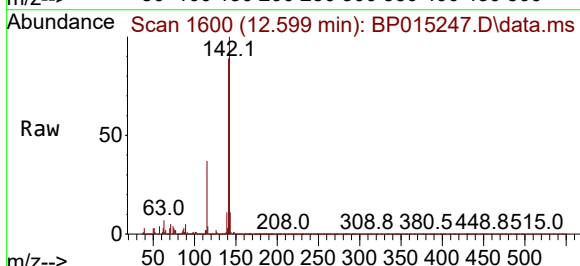
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BNA_P
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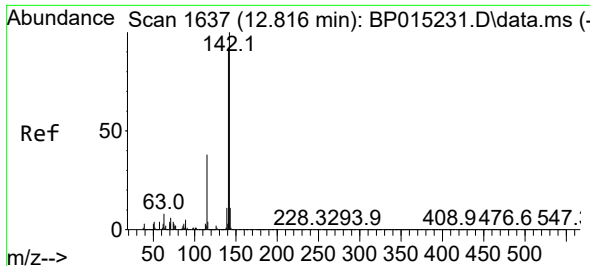
Tgt Ion:107 Resp: 551649
Ion Ratio Lower Upper
107 100
144 25.4 20.3 30.5
142 76.6 63.2 94.8



#36
2-Methylnaphthalene
Concen: 19.454 ng/ul
RT: 12.599 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

Tgt Ion:142 Resp: 1089690
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.6

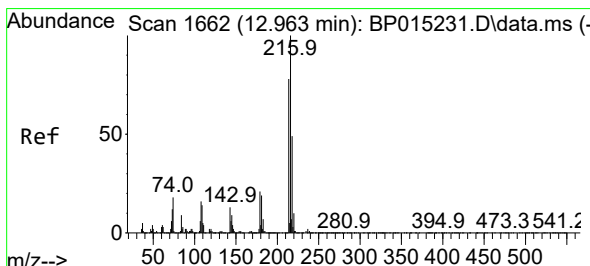
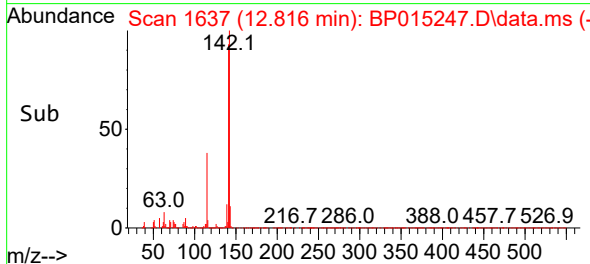
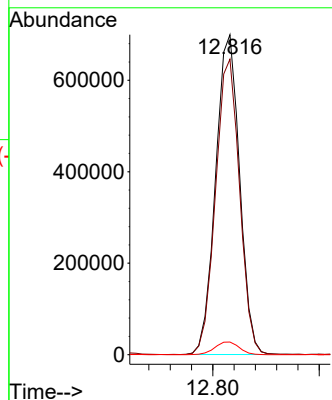
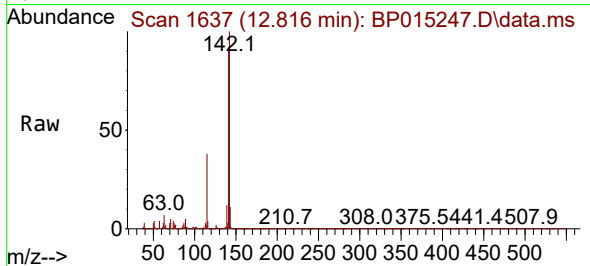




#37
1-Methylnaphthalene
Concen: 19.432 ng/ul
RT: 12.816 min Scan# 1637
Delta R.T. 0.000 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

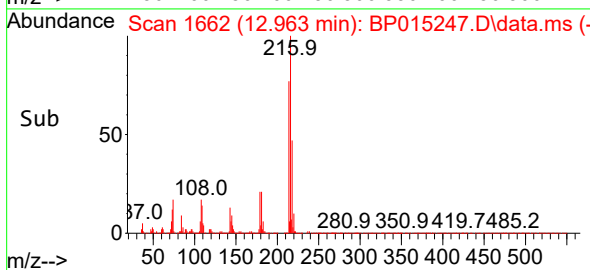
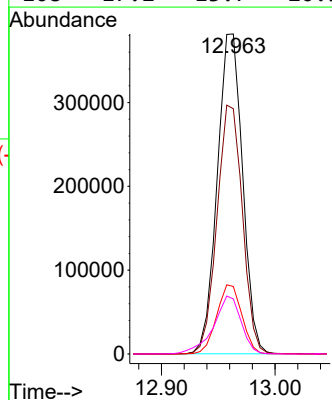
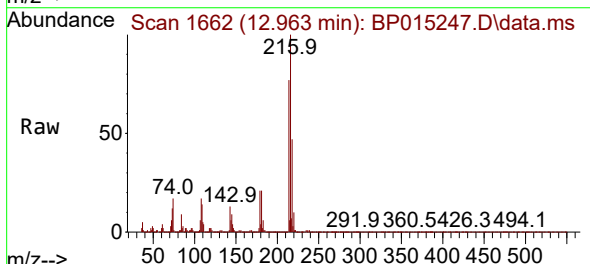
Instrument :
BNA_P
ClientSampleId :
SSTD020728

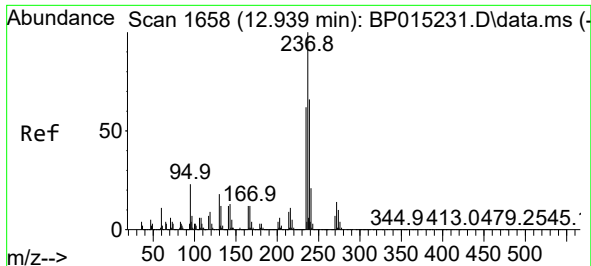
Tgt Ion:142 Resp: 1093062
Ion Ratio Lower Upper
142 100
141 92.3 74.6 112.0
116 4.0 2.9 4.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 20.283 ng/ul
RT: 12.963 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

Tgt Ion:216 Resp: 592723
Ion Ratio Lower Upper
216 100
214 76.6 61.4 92.0
179 21.1 15.9 23.9
108 17.2 13.7 20.5

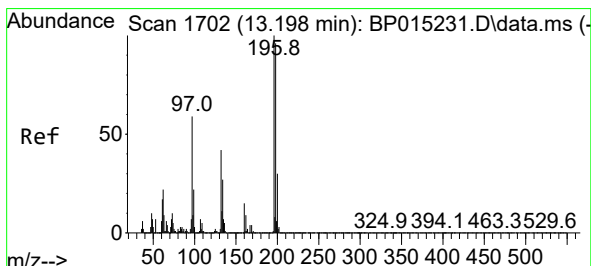
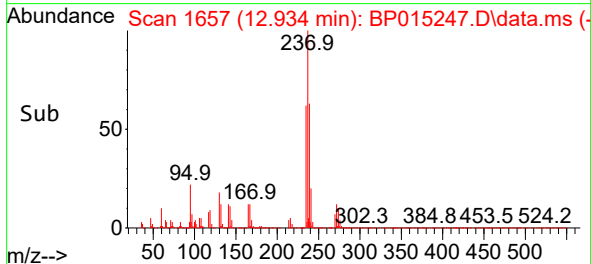
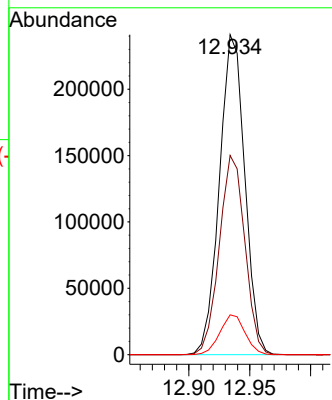
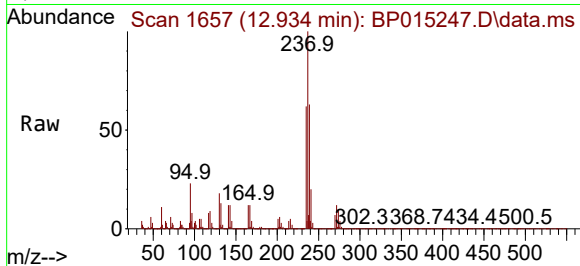




#40
Hexachlorocyclopentadiene
Concen: 18.466 ng/ul
RT: 12.934 min Scan# 1658
Delta R.T. 0.000 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

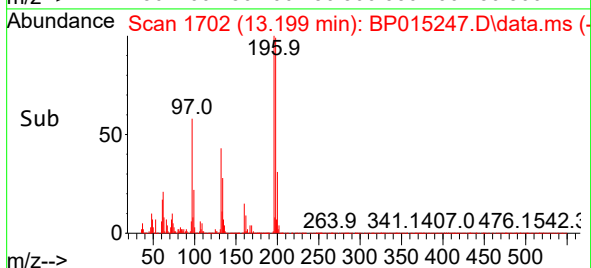
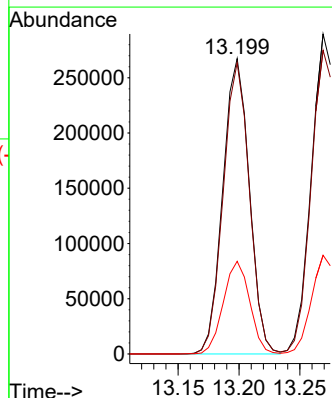
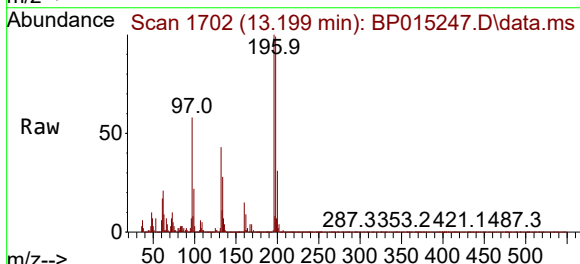
Instrument :
BNA_P
ClientSampleId :
SSTD020728

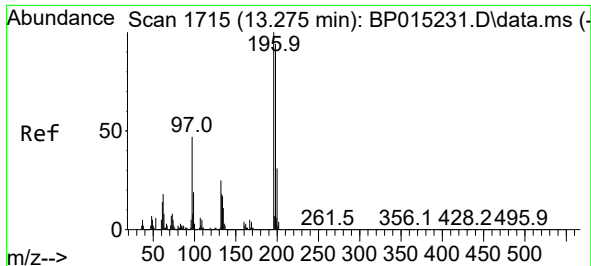
Tgt Ion:237 Resp: 349636
Ion Ratio Lower Upper
237 100
235 62.3 49.4 74.0
272 12.5 10.4 15.6



#41
2,4,6-Trichlorophenol
Concen: 19.645 ng/ul
RT: 13.199 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

Tgt Ion:196 Resp: 405385
Ion Ratio Lower Upper
196 100
198 98.6 75.5 113.3
200 31.3 23.6 35.4

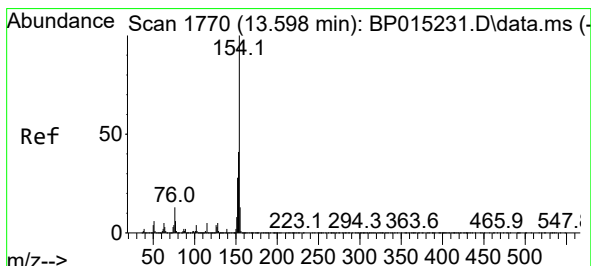
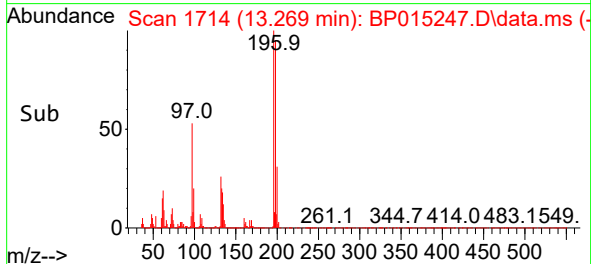
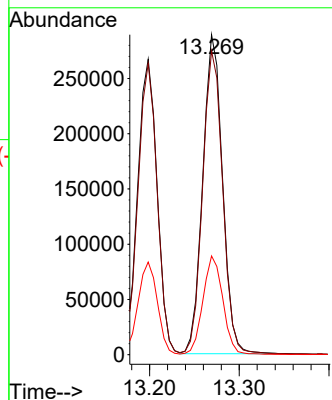
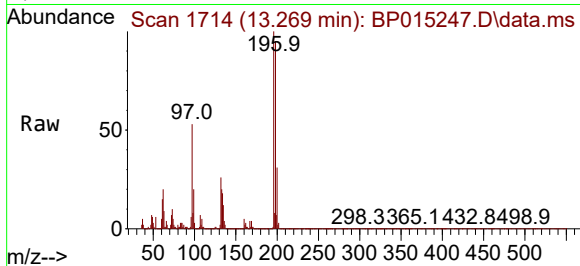




#42
2,4,5-Trichlorophenol
Concen: 19.773 ng/ul
RT: 13.269 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

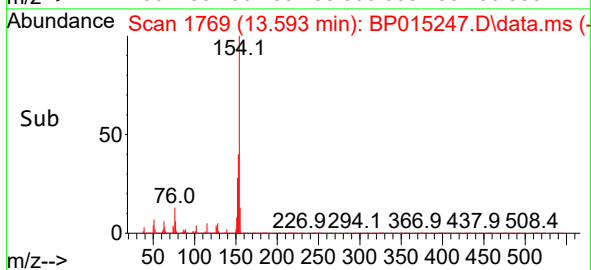
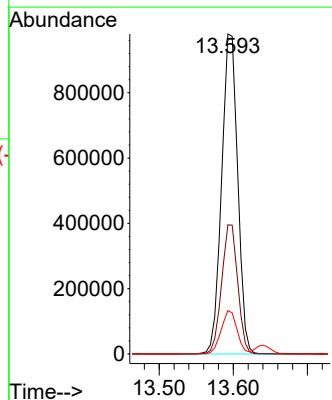
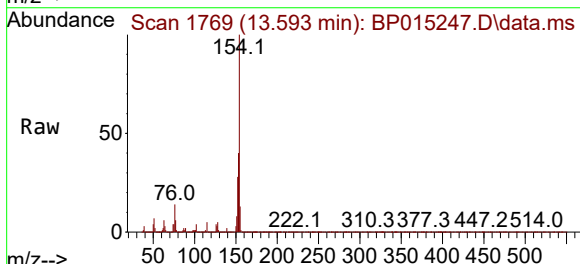
Instrument :
BNA_P
ClientSampleId :
SSTD020728

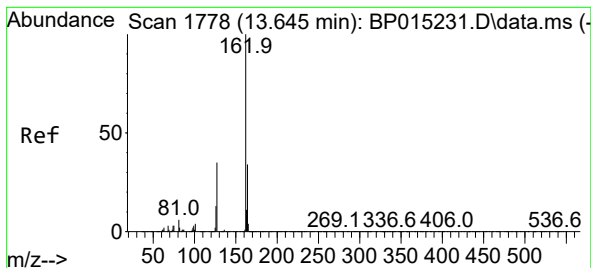
Tgt Ion:196 Resp: 442396
Ion Ratio Lower Upper
196 100
198 94.9 77.0 115.4
200 30.8 24.3 36.5



#43
1,1'-Biphenyl
Concen: 19.470 ng/ul
RT: 13.593 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

Tgt Ion:154 Resp: 1476041
Ion Ratio Lower Upper
154 100
153 40.3 32.7 49.1
76 13.6 10.7 16.1





#44

2-Chloronaphthalene

Concen: 19.472 ng/ul

RT: 13.640 min Scan# 1778

Delta R.T. -0.000 min

Lab File: BP015247.D

Acq: 23 May 2023 19:21

Instrument :

BNA_P

ClientSampleId :

SSTD020728

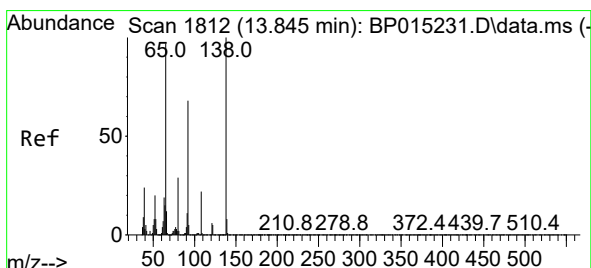
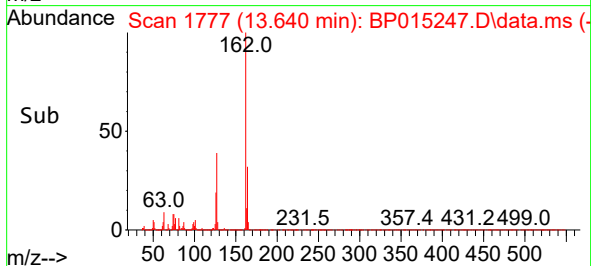
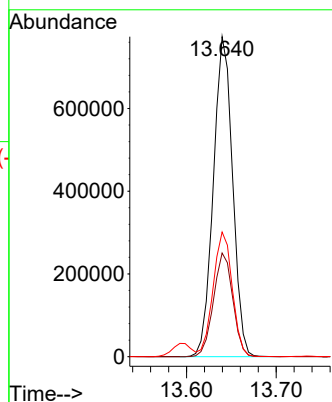
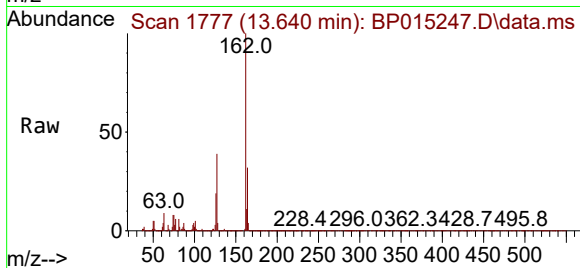
Tgt Ion:162 Resp: 1152804

Ion Ratio Lower Upper

162 100

164 32.4 25.9 38.9

127 38.9 30.8 46.2



#45

2-Nitroaniline

Concen: 20.523 ng/ul

RT: 13.846 min Scan# 1812

Delta R.T. 0.000 min

Lab File: BP015247.D

Acq: 23 May 2023 19:21

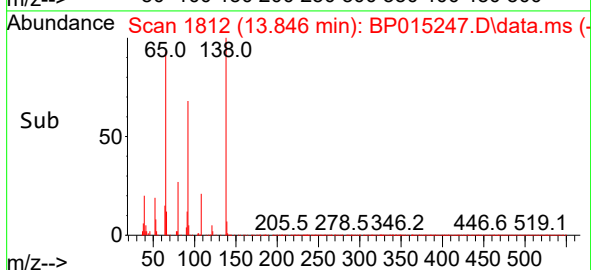
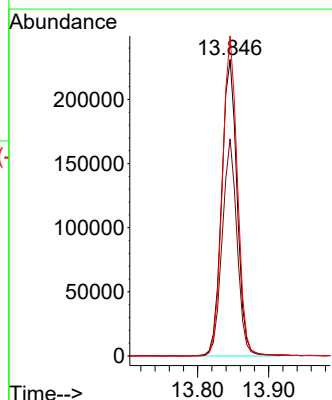
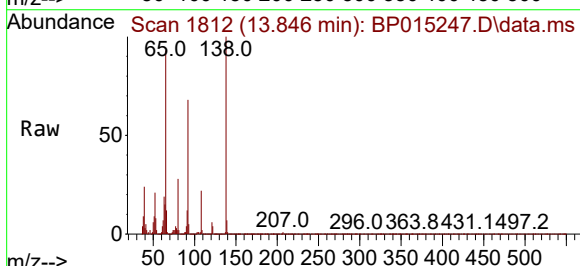
Tgt Ion: 65 Resp: 347658

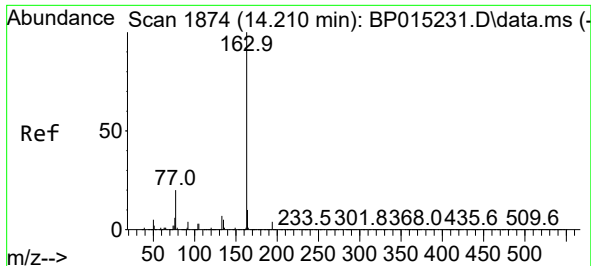
Ion Ratio Lower Upper

65 100

92 73.2 59.8 89.8

138 107.9 92.3 138.5

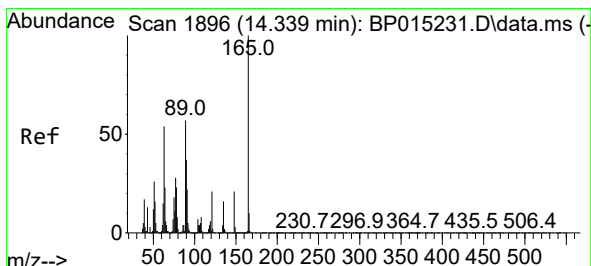
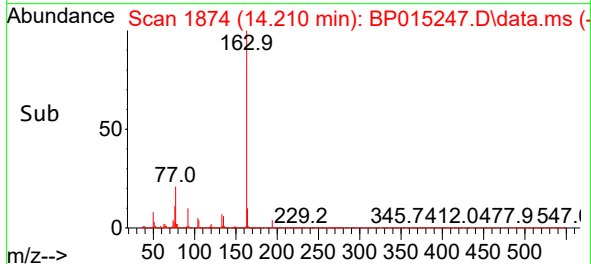
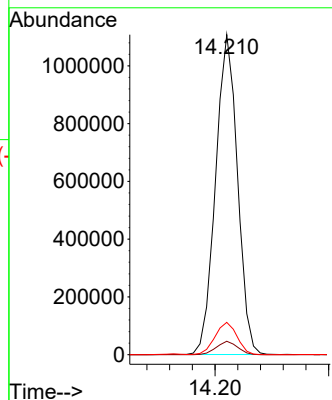
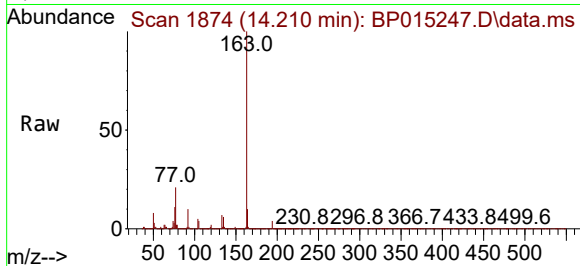




#47
Dimethylphthalate
Concen: 19.309 ng/ul
RT: 14.210 min Scan# 1874
Delta R.T. 0.000 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

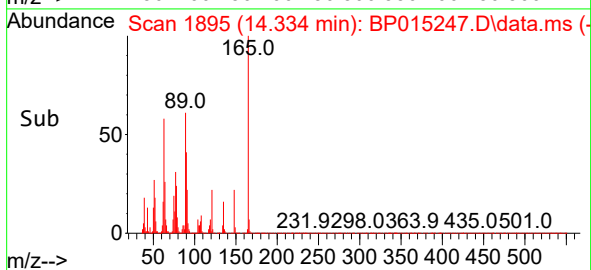
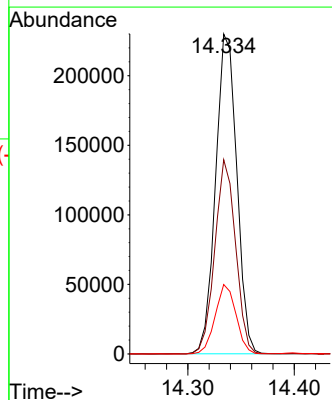
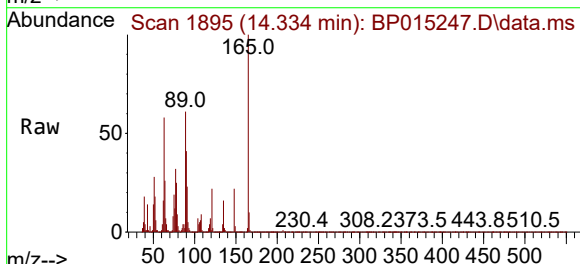
Instrument :
BNA_P
ClientSampleId :
SSTD020728

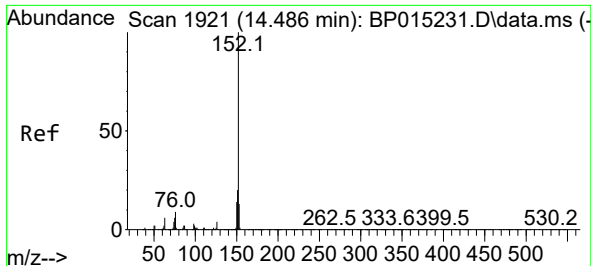
Tgt Ion:163 Resp: 1484767
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.1 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 20.870 ng/ul
RT: 14.334 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

Tgt Ion:165 Resp: 317932
Ion Ratio Lower Upper
165 100
89 60.7 48.0 72.0
121 21.7 17.5 26.3

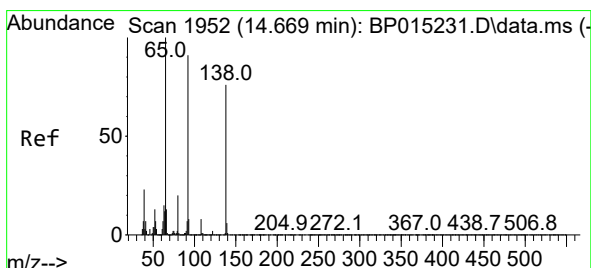
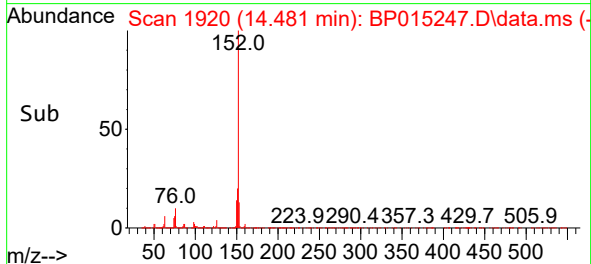
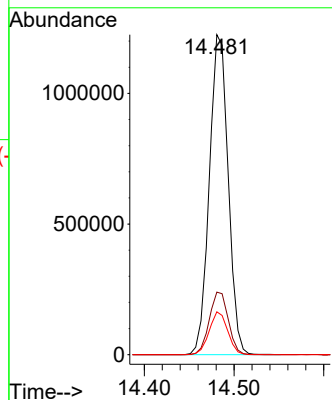
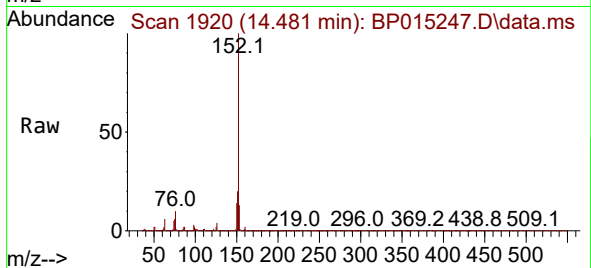




#50
Acenaphthylene
Concen: 18.939 ng/ul
RT: 14.481 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

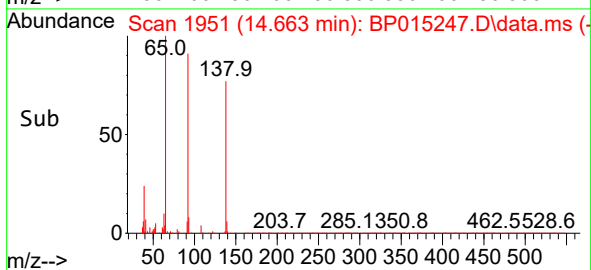
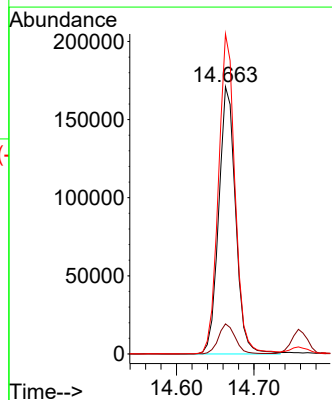
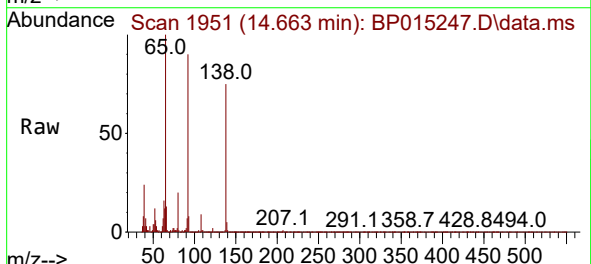
Instrument :
BNA_P
ClientSampleId :
SSTD020728

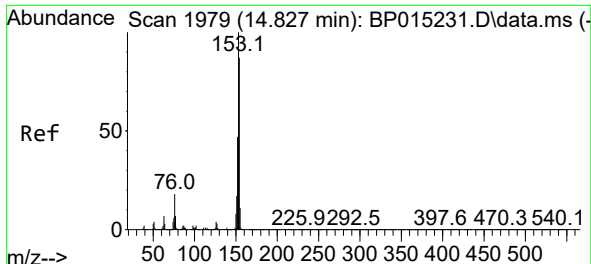
Tgt Ion:152 Resp: 1784479
Ion Ratio Lower Upper
152 100
151 19.5 16.1 24.1
153 13.4 10.3 15.5



#51
3-Nitroaniline
Concen: 18.857 ng/ul
RT: 14.663 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

Tgt Ion:138 Resp: 258675
Ion Ratio Lower Upper
138 100
108 11.3 8.8 13.2
92 119.8 93.4 140.0

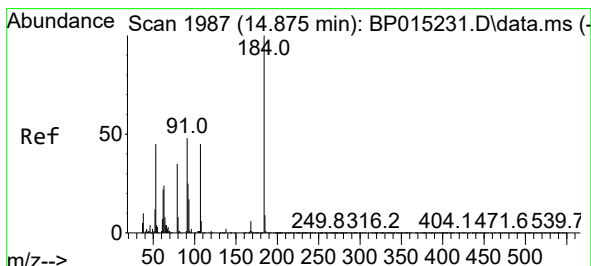
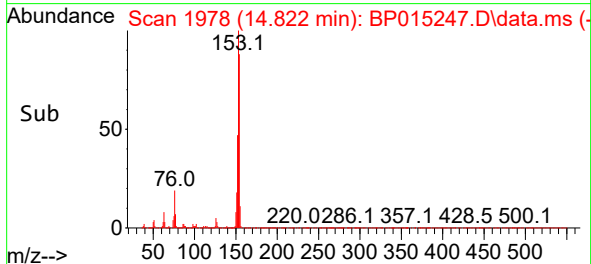
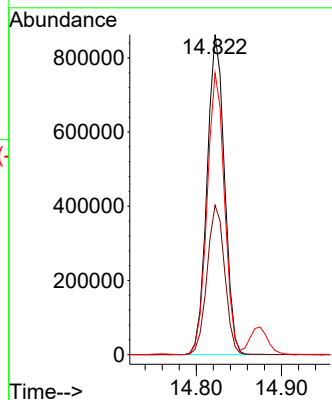
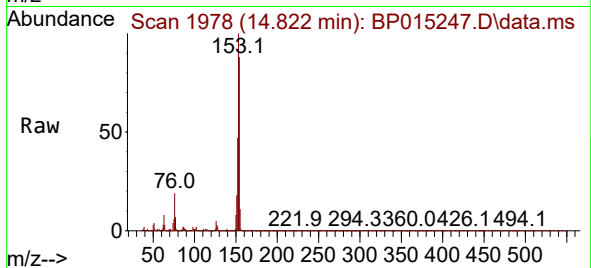




#52
Acenaphthene
Concen: 19.002 ng/ul
RT: 14.822 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

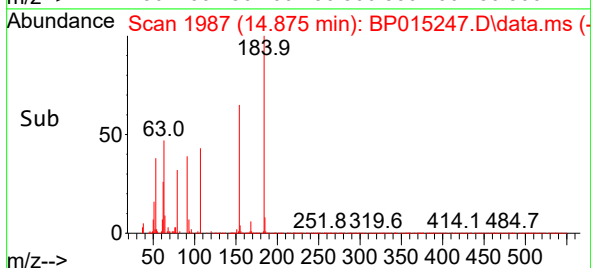
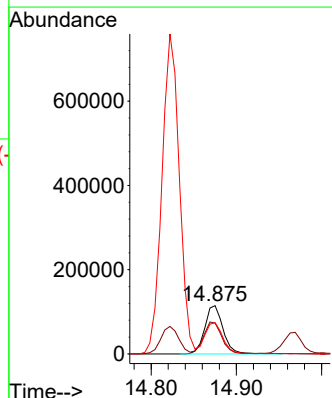
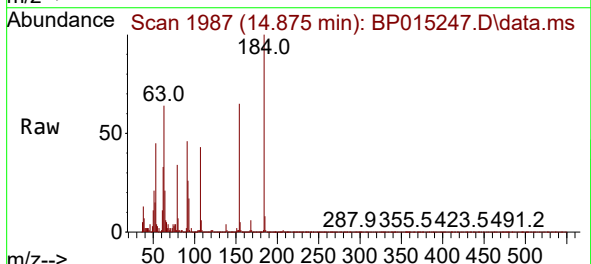
Instrument :
BNA_P
ClientSampleId :
SSTD020728

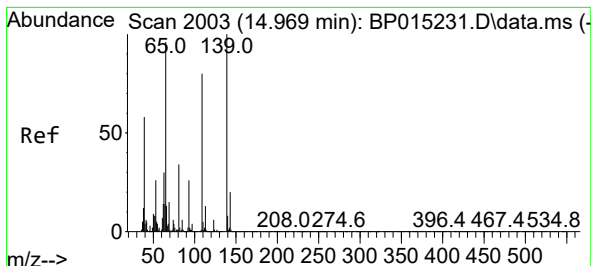
Tgt Ion:153 Resp: 1222812
Ion Ratio Lower Upper
153 100
152 46.7 38.0 57.0
154 88.1 71.0 106.4



#53
2,4-Dinitrophenol
Concen: 16.955 ng/ul
RT: 14.875 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

Tgt Ion:184 Resp: 171497
Ion Ratio Lower Upper
184 100
63 64.1 49.7 74.5
154 65.1 47.5 71.3

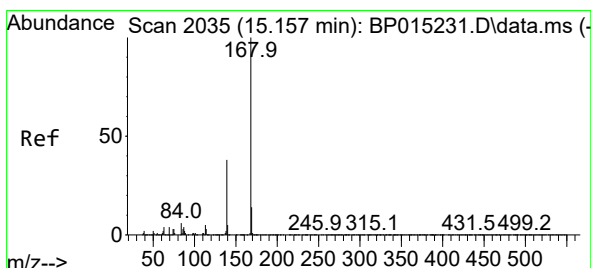
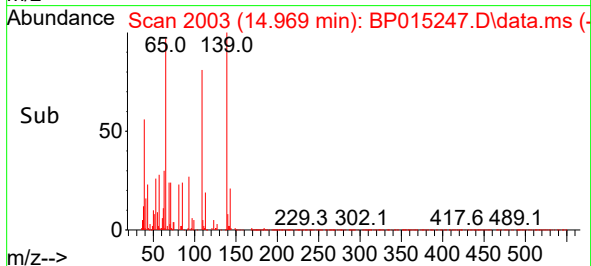
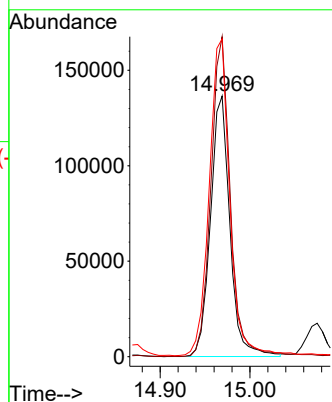
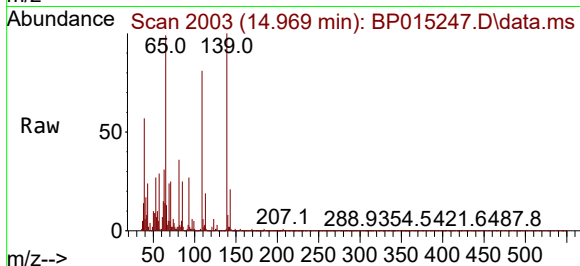




#55
4-Nitrophenol
Concen: 19.442 ng/ul
RT: 14.969 min Scan# 2003
Delta R.T. 0.006 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

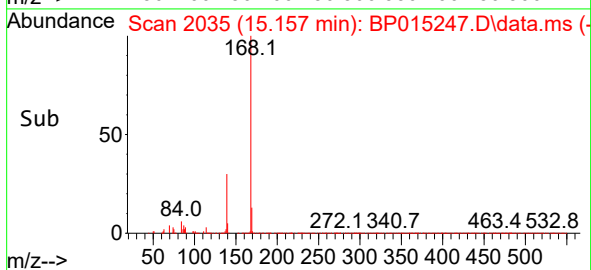
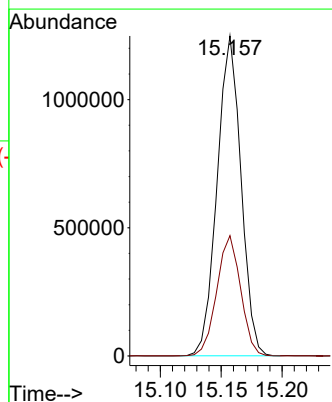
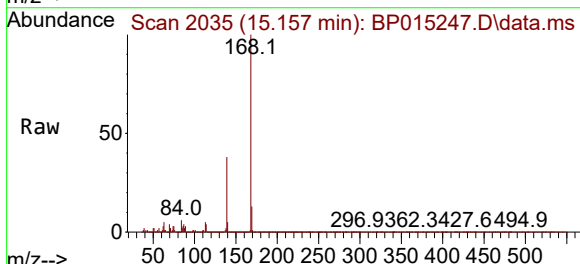
Instrument :
BNA_P
ClientSampleId :
SSTD020728

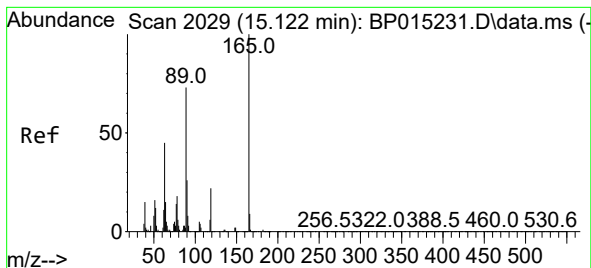
Tgt Ion:109 Resp: 205024
Ion Ratio Lower Upper
109 100
139 122.8 115.3 172.9
65 121.9 107.9 161.9



#56
Dibenzofuran
Concen: 19.020 ng/ul
RT: 15.157 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

Tgt Ion:168 Resp: 1702442
Ion Ratio Lower Upper
168 100
139 37.6 29.4 44.0





#57

2,4-Dinitrotoluene

Concen: 19.761 ng/ul

RT: 15.122 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BP015247.D

Acq: 23 May 2023 19:21

Instrument :

BNA_P

ClientSampleId :

SSTD020728

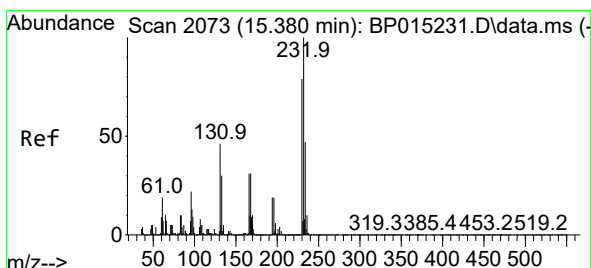
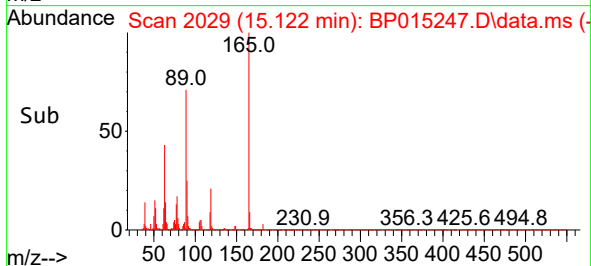
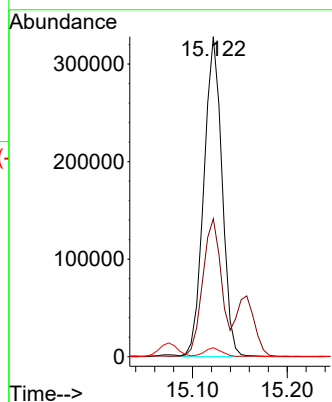
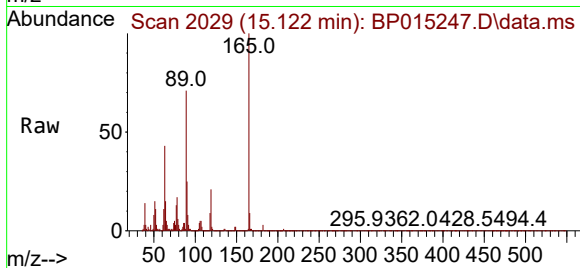
Tgt Ion:165 Resp: 435613

Ion Ratio Lower Upper

165 100

63 43.1 33.1 49.7

182 2.8 2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 19.208 ng/ul

RT: 15.381 min Scan# 2073

Delta R.T. 0.000 min

Lab File: BP015247.D

Acq: 23 May 2023 19:21

Tgt Ion:232 Resp: 362690

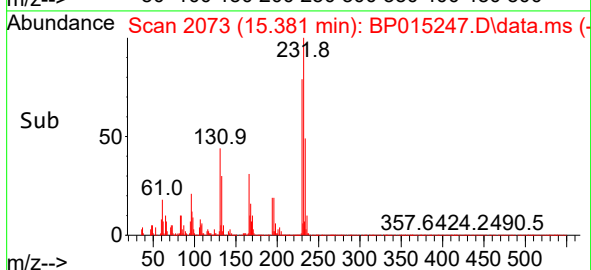
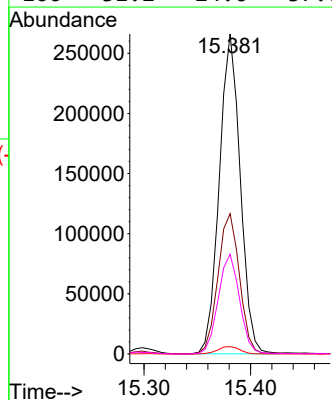
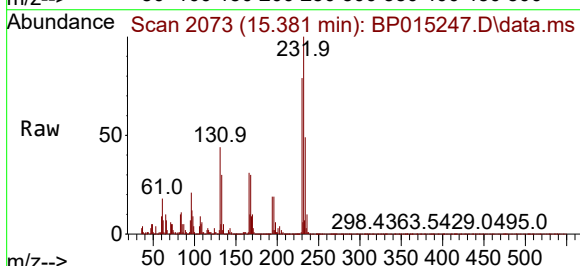
Ion Ratio Lower Upper

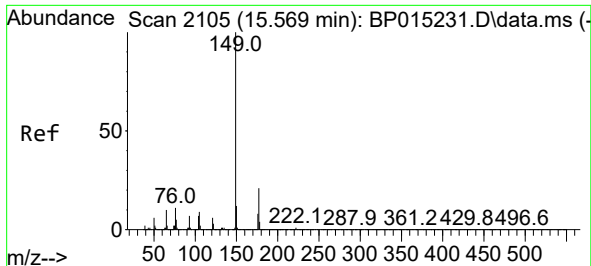
232 100

131 43.9 36.8 55.2

130 2.3 1.9 2.9

166 31.2 24.6 37.0

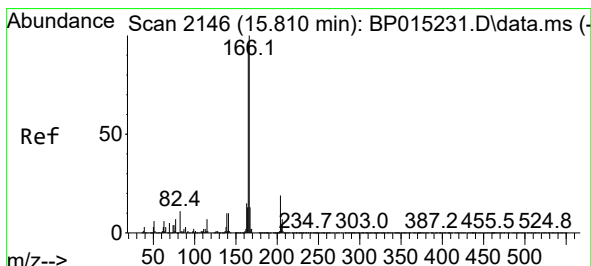
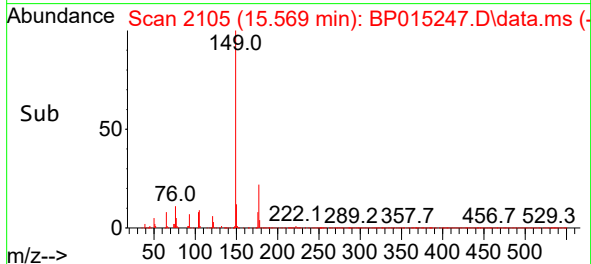
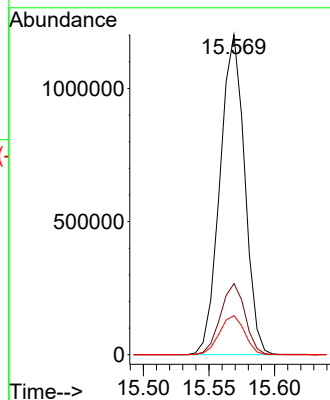
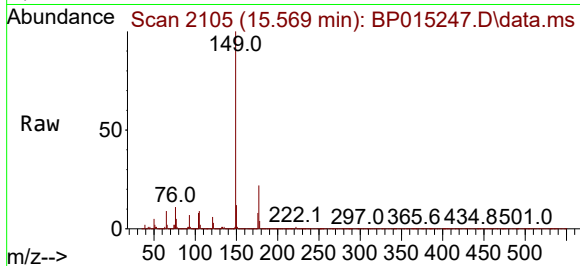




#59
Diethylphthalate
Concen: 20.489 ng/ul
RT: 15.569 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

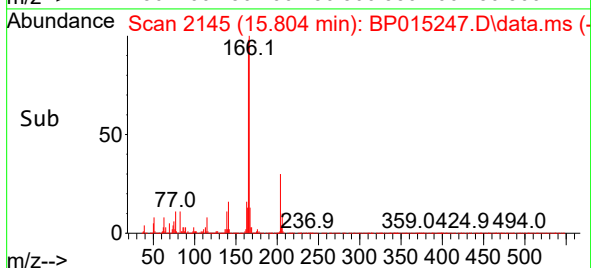
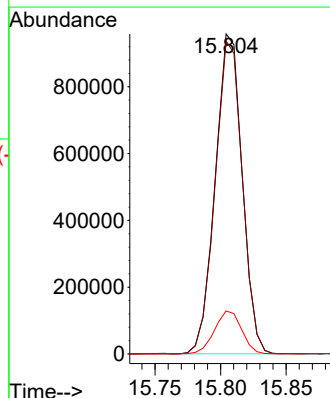
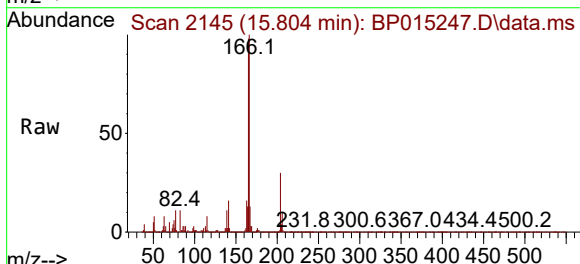
Instrument :
BNA_P
ClientSampleId :
SSTD020728

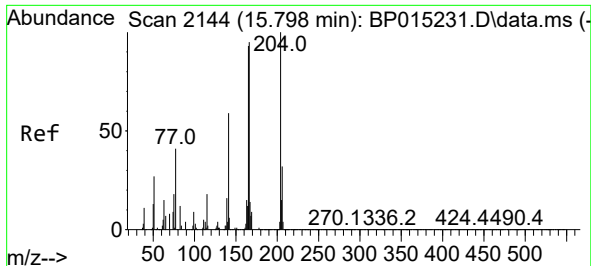
Tgt Ion:149 Resp: 1571349
Ion Ratio Lower Upper
149 100
177 22.2 17.5 26.3
150 12.2 9.8 14.8



#61
Fluorene
Concen: 19.034 ng/ul
RT: 15.804 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

Tgt Ion:166 Resp: 1369163
Ion Ratio Lower Upper
166 100
165 97.9 77.8 116.6
167 13.4 10.6 15.8

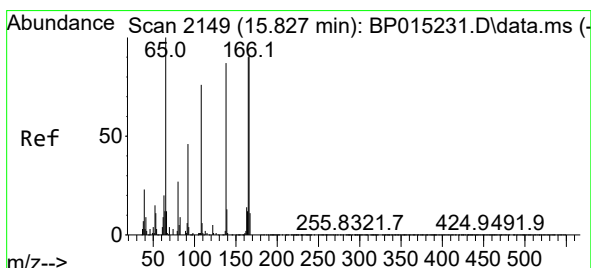
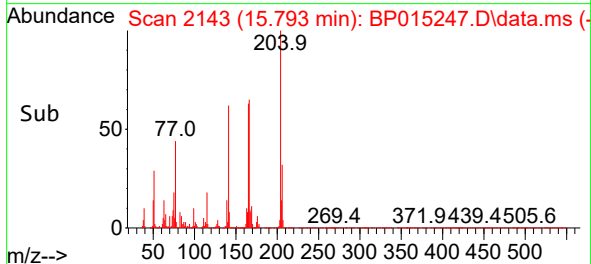
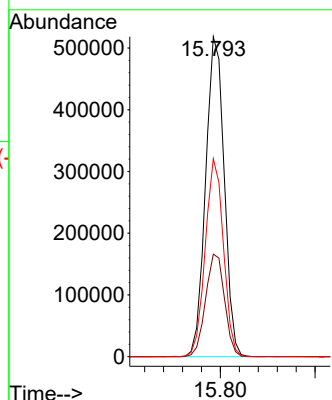
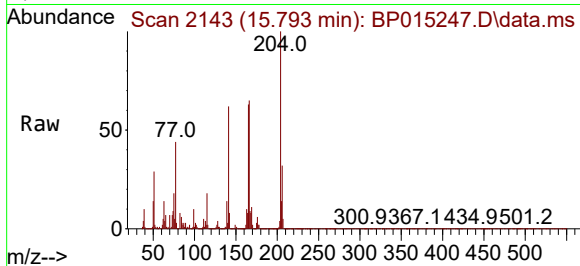




#62
4-Chlorophenyl-phenylether
Concen: 20.015 ng/ul
RT: 15.793 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

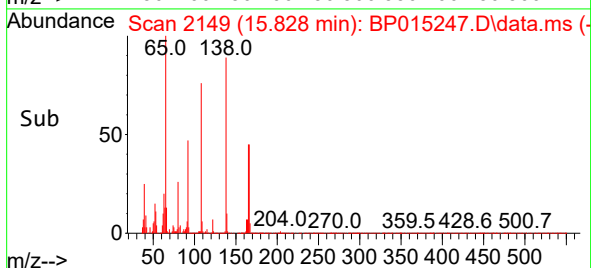
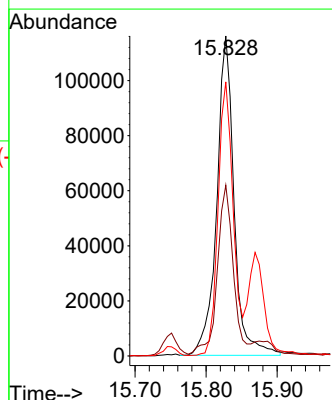
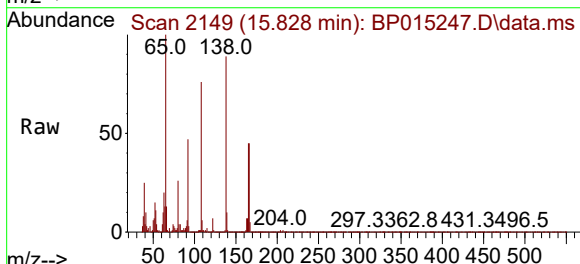
Instrument :
BNA_P
ClientSampleId :
SSTD020728

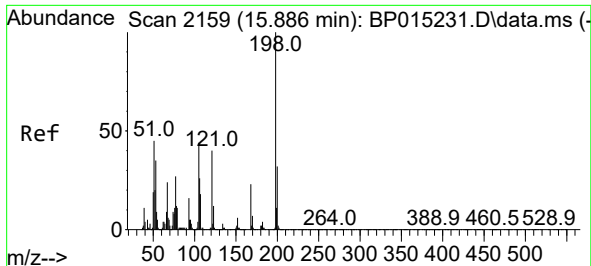
Tgt Ion:204 Resp: 703470
Ion Ratio Lower Upper
204 100
206 32.1 26.1 39.1
141 61.8 44.5 66.7



#63
4-Nitroaniline
Concen: 16.564 ng/ul
RT: 15.828 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

Tgt Ion:138 Resp: 196216
Ion Ratio Lower Upper
138 100
92 53.4 41.2 61.8
108 85.6 60.1 90.1

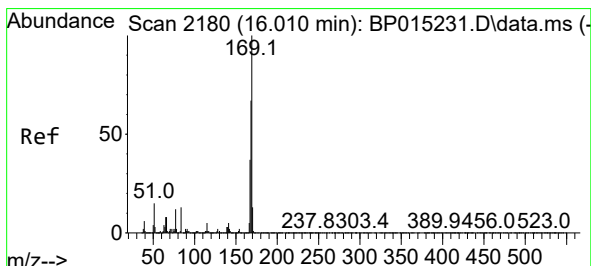
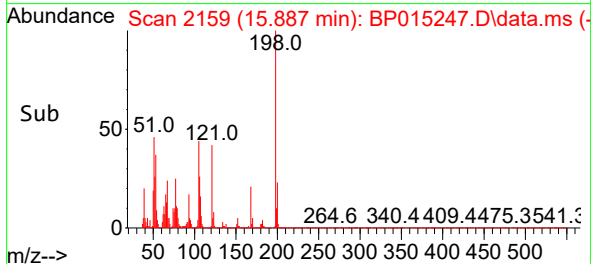
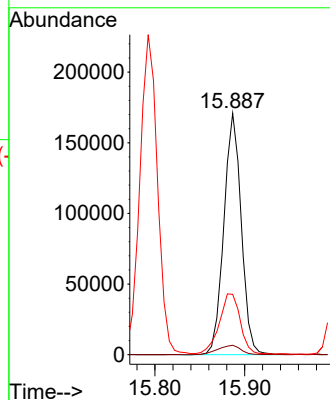
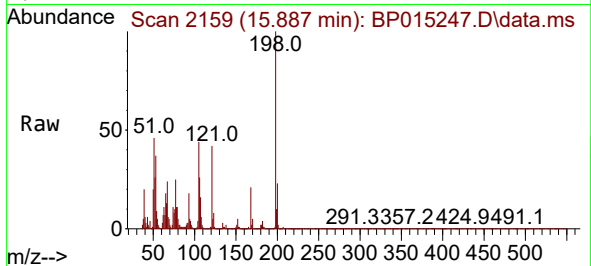




#66
4,6-Dinitro-2-methylphenol
Concen: 15.928 ng/ul
RT: 15.887 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

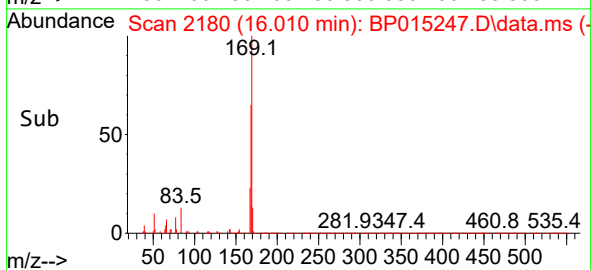
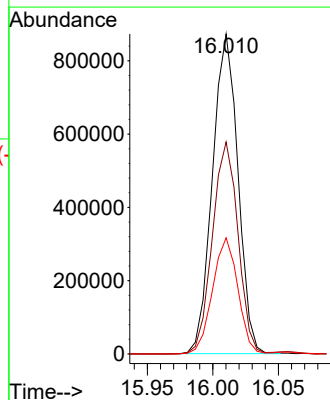
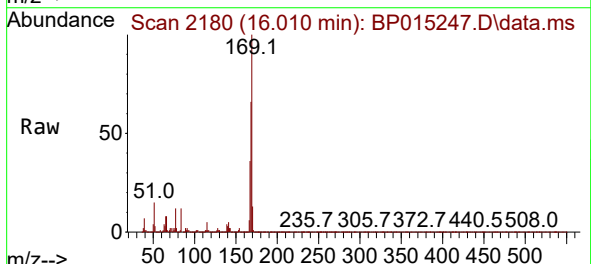
Instrument :
BNA_P
ClientSampleId :
SSTD020728

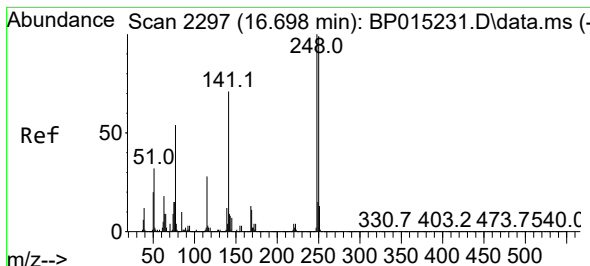
Tgt Ion:198 Resp: 230071
Ion Ratio Lower Upper
198 100
182 3.9 3.7 5.5
77 25.0 21.2 31.8



#67
N-Nitrosodiphenylamine
Concen: 18.058 ng/ul
RT: 16.010 min Scan# 2180
Delta R.T. 0.000 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

Tgt Ion:169 Resp: 1179207
Ion Ratio Lower Upper
169 100
168 66.3 53.5 80.3
167 36.3 28.9 43.3

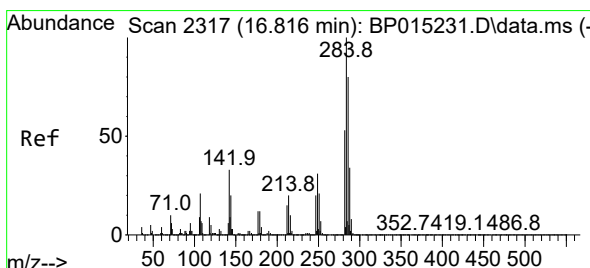
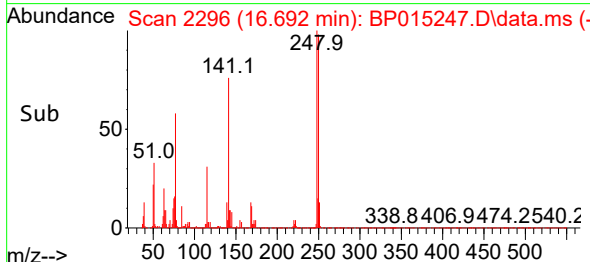
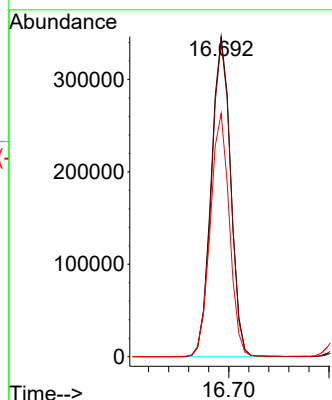
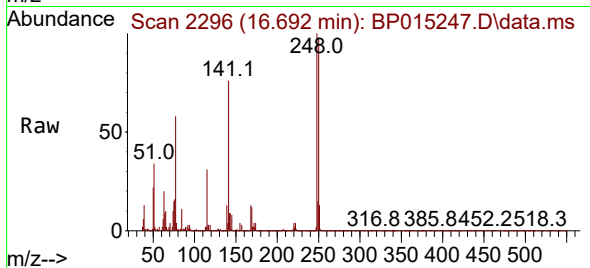




#68
4-Bromophenyl-phenylether
Concen: 20.333 ng/ul
RT: 16.692 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

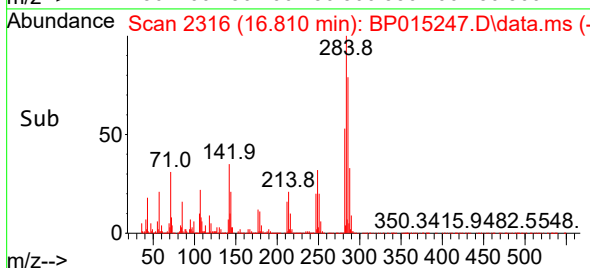
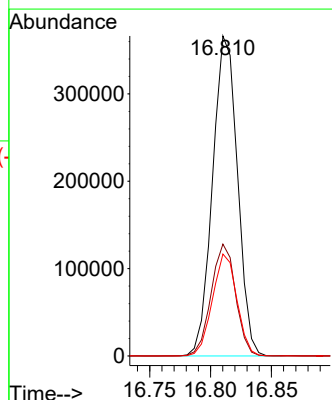
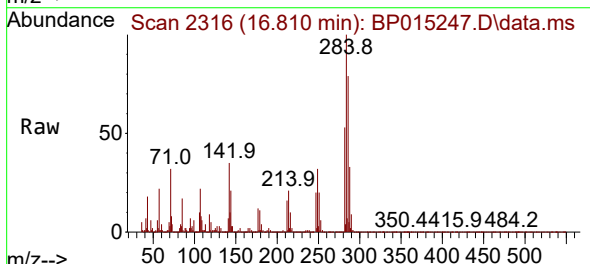
Instrument :
BNA_P
ClientSampleId :
SSTD020728

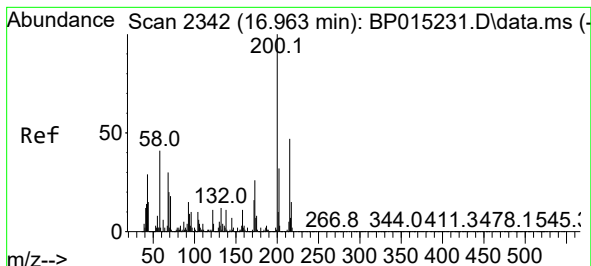
Tgt Ion:248 Resp: 465098
Ion Ratio Lower Upper
248 100
250 98.5 79.0 118.4
141 76.0 58.6 87.8



#69
Hexachlorobenzene
Concen: 19.292 ng/ul
RT: 16.810 min Scan# 2316
Delta R.T. -0.006 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

Tgt Ion:284 Resp: 521491
Ion Ratio Lower Upper
284 100
142 34.9 27.3 40.9
249 31.9 24.6 36.8





#70

Atrazine

Concen: 18.658 ng/ul

RT: 16.963 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015247.D

Acq: 23 May 2023 19:21

Instrument :

BNA_P

ClientSampleId :

SSTD020728

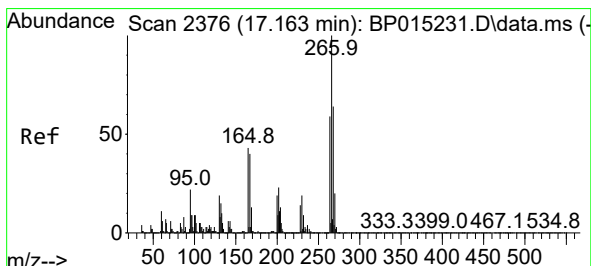
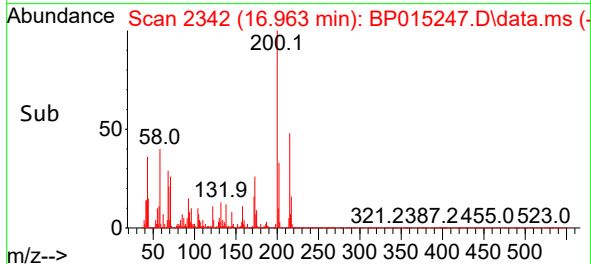
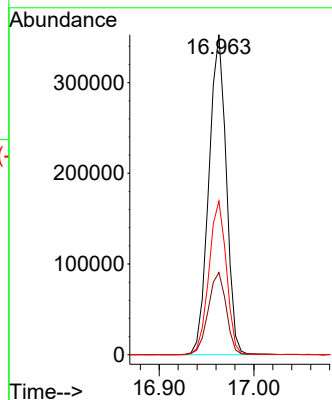
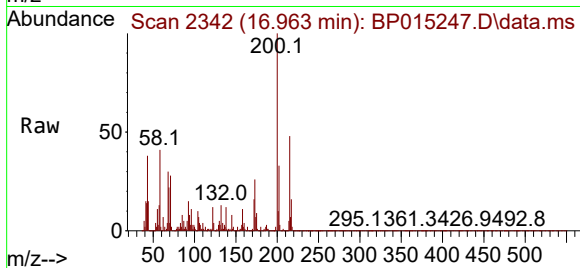
Tgt Ion:200 Resp: 450340

Ion Ratio Lower Upper

200 100

173 25.7 21.4 32.2

215 48.0 38.1 57.1



#71

Pentachlorophenol

Concen: 16.982 ng/ul

RT: 17.157 min Scan# 2375

Delta R.T. 0.000 min

Lab File: BP015247.D

Acq: 23 May 2023 19:21

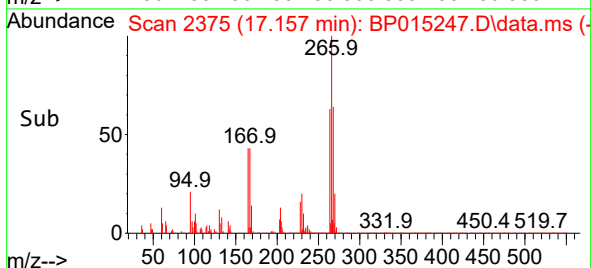
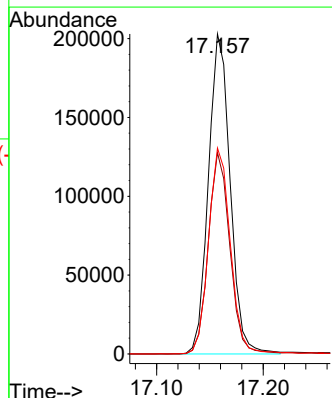
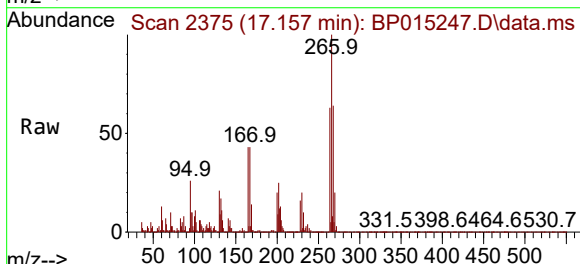
Tgt Ion:266 Resp: 287154

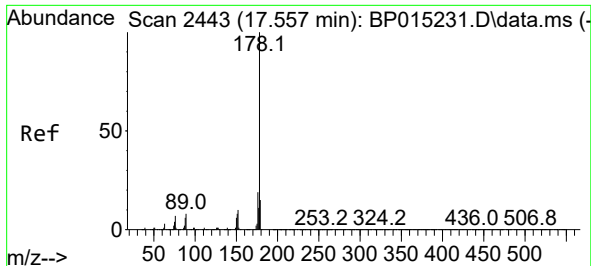
Ion Ratio Lower Upper

266 100

264 62.9 51.0 76.4

268 64.3 51.8 77.6

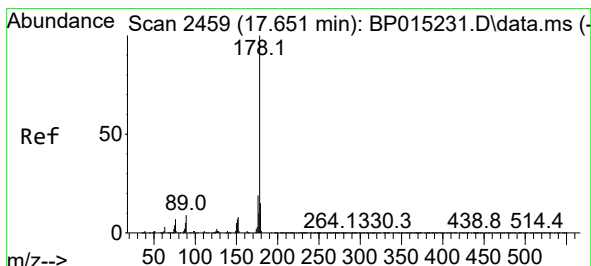
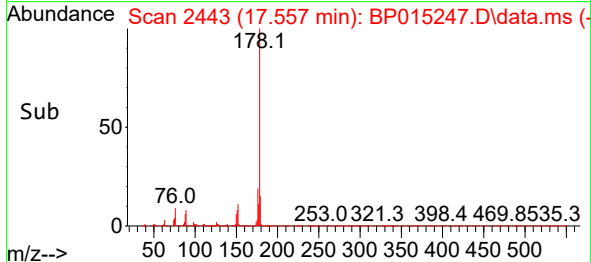
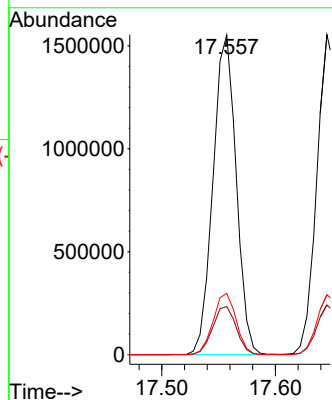
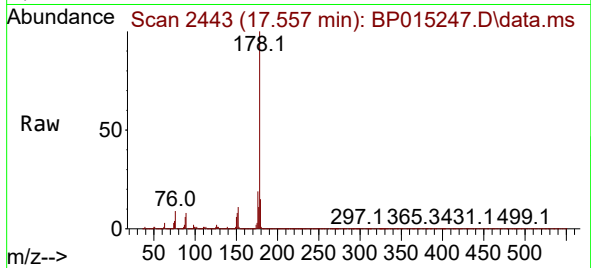




#72
Phenanthrene
Concen: 18.153 ng/ul
RT: 17.557 min Scan# 2443
Delta R.T. 0.006 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

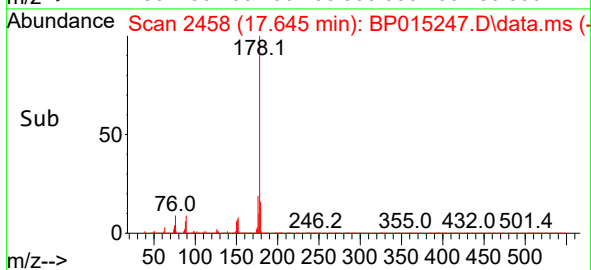
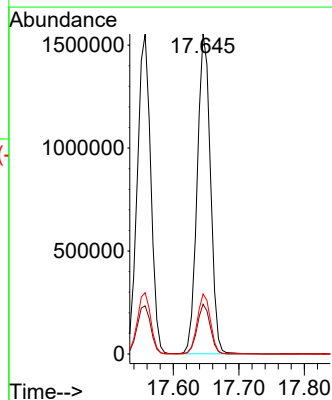
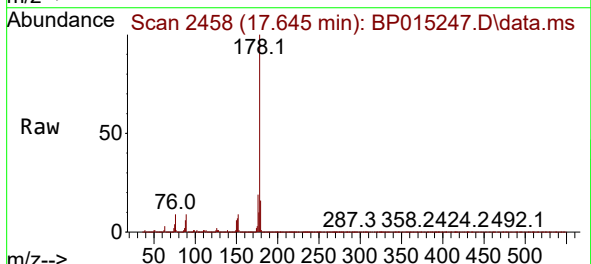
Instrument :
BNA_P
ClientSampleId :
SSTD020728

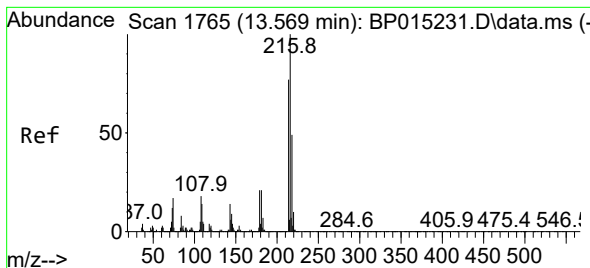
Tgt Ion:178 Resp: 2195268
Ion Ratio Lower Upper
178 100
179 15.1 12.2 18.2
176 19.2 15.6 23.4



#74
Anthracene
Concen: 17.846 ng/ul
RT: 17.645 min Scan# 2458
Delta R.T. 0.000 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

Tgt Ion:178 Resp: 2182356
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.2
176 18.8 15.2 22.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 19.219 ng/uL

RT: 13.563 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP015247.D

Acq: 23 May 2023 19:21

Instrument :

BNA_P

ClientSampleId :

SSTD020728

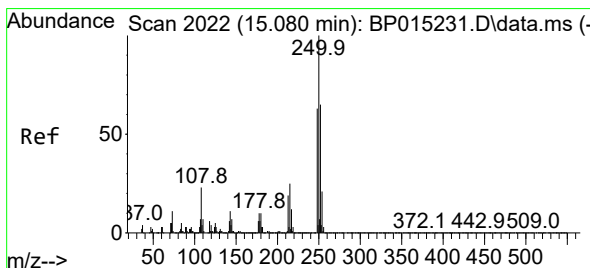
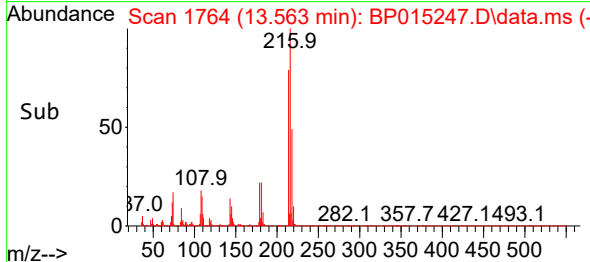
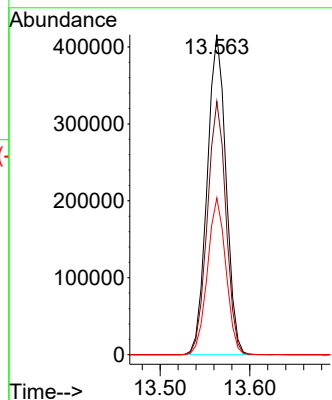
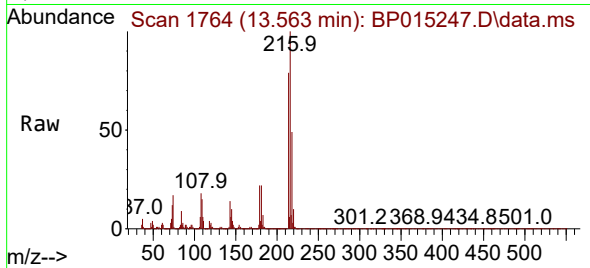
Tgt Ion:216 Resp: 605154

Ion Ratio Lower Upper

216 100

214 79.1 62.2 93.4

218 49.0 38.2 57.2



#76

Pentachlorobenzene

Concen: 18.400 ng/uL

RT: 15.075 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BP015247.D

Acq: 23 May 2023 19:21

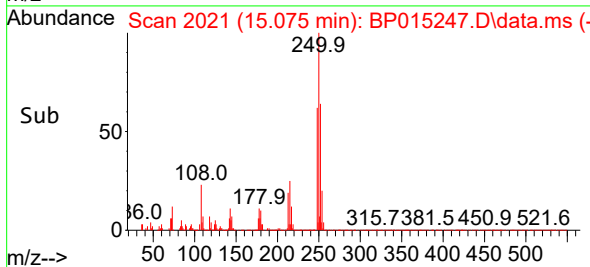
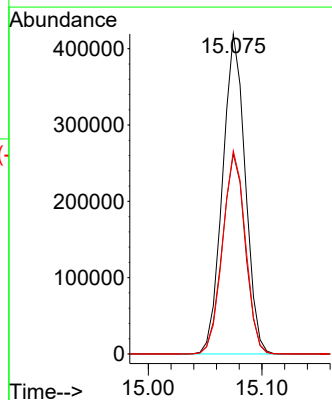
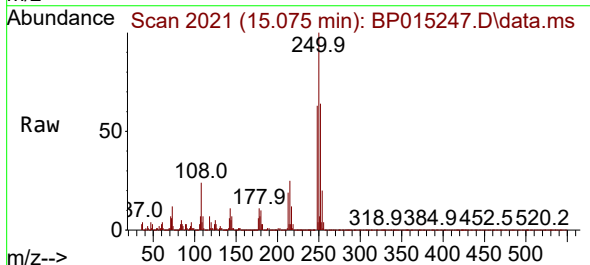
Tgt Ion:250 Resp: 581734

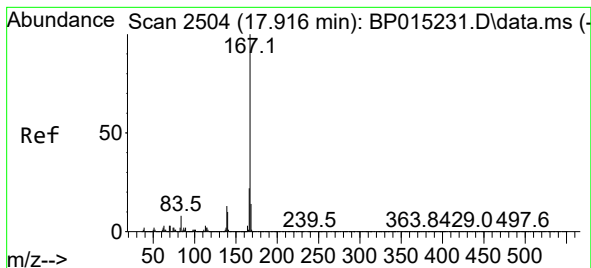
Ion Ratio Lower Upper

250 100

248 62.5 49.8 74.6

252 63.5 51.6 77.4





#77

Carbazole

Concen: 17.291 ng/ul

RT: 17.910 min Scan# 2503

Delta R.T. 0.000 min

Lab File: BP015247.D

Acq: 23 May 2023 19:21

Instrument :

BNA_P

ClientSampleId :

SSTD020728

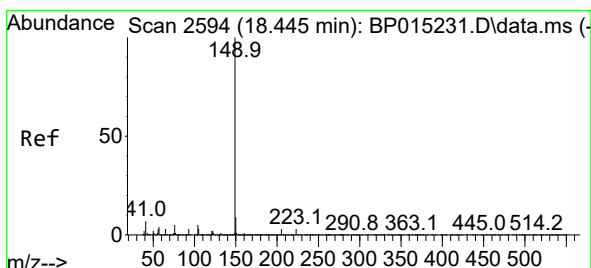
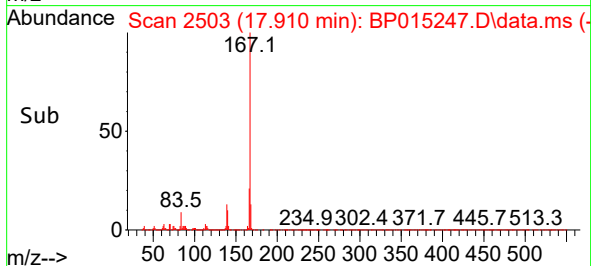
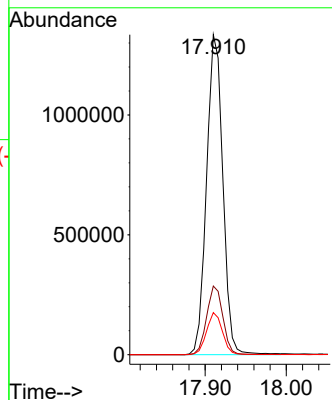
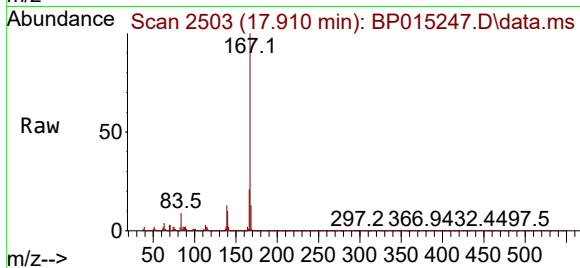
Tgt Ion:167 Resp: 1854114

Ion Ratio Lower Upper

167 100

166 21.4 17.4 26.2

139 13.2 10.2 15.4



#78

Di-n-butylphthalate

Concen: 21.062 ng/ul

RT: 18.445 min Scan# 2594

Delta R.T. 0.006 min

Lab File: BP015247.D

Acq: 23 May 2023 19:21

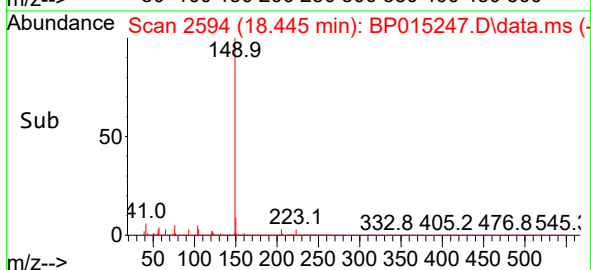
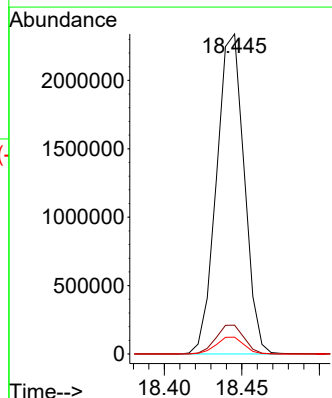
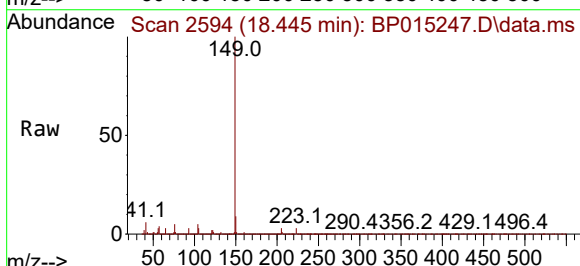
Tgt Ion:149 Resp: 2908512

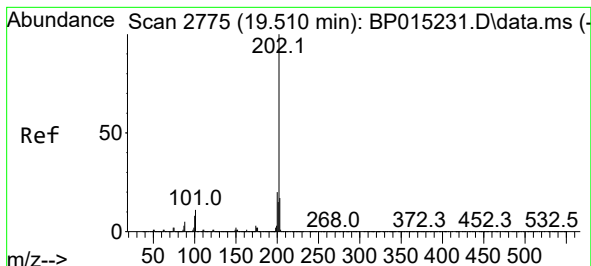
Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

104 5.2 3.9 5.9





#80

Fluoranthene

Concen: 19.902 ng/ul

RT: 19.504 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015247.D

Acq: 23 May 2023 19:21

Instrument :

BNA_P

ClientSampleId :

SSTD020728

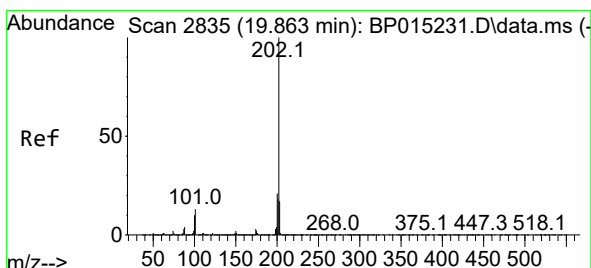
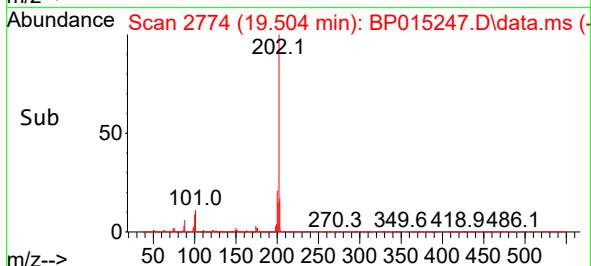
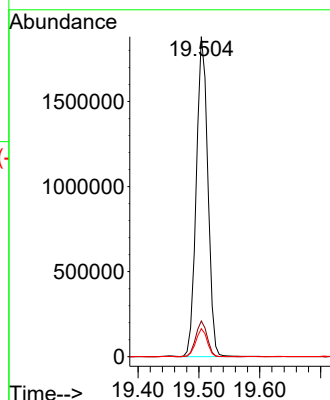
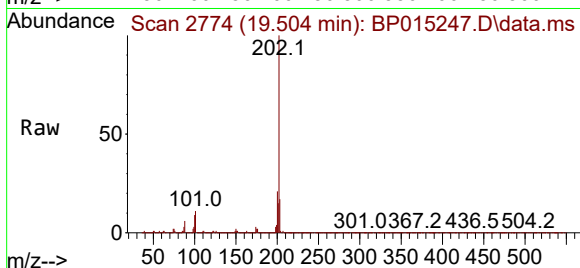
Tgt Ion:202 Resp: 2472661

Ion Ratio Lower Upper

202 100

101 11.2 9.5 14.3

100 8.8 7.3 10.9



#82

Pyrene

Concen: 19.016 ng/ul

RT: 19.857 min Scan# 2834

Delta R.T. 0.000 min

Lab File: BP015247.D

Acq: 23 May 2023 19:21

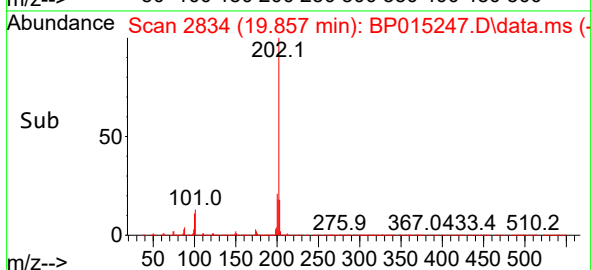
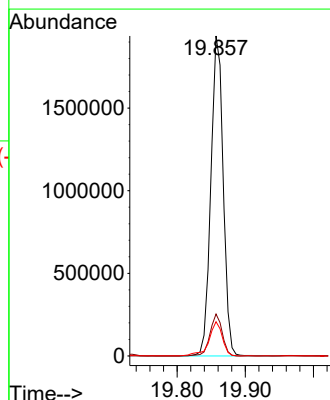
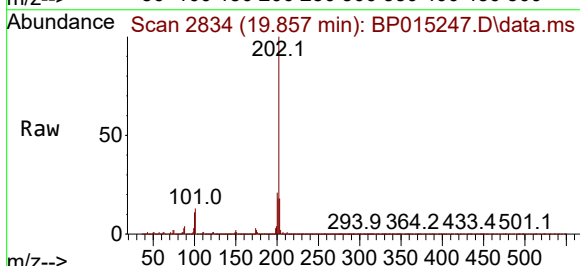
Tgt Ion:202 Resp: 2439785

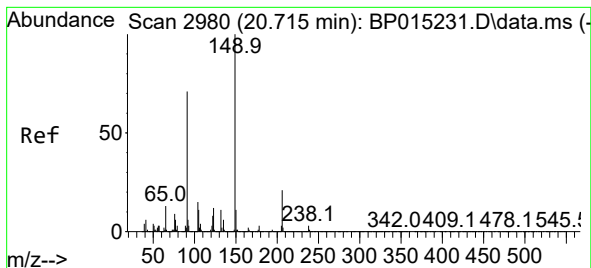
Ion Ratio Lower Upper

202 100

101 13.1 11.2 16.8

100 10.7 9.0 13.6





#83

Butylbenzylphthalate

Concen: 19.499 ng/ul

RT: 20.710 min Scan# 2980

Delta R.T. 0.000 min

Lab File: BP015247.D

Acq: 23 May 2023 19:21

Instrument :

BNA_P

ClientSampleId :

SSTD020728

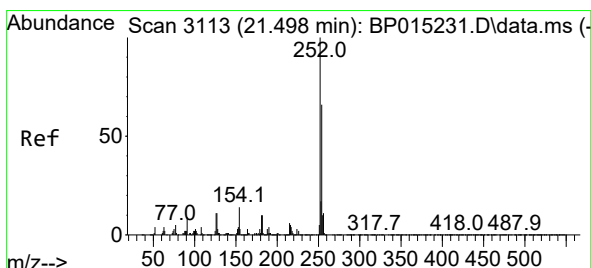
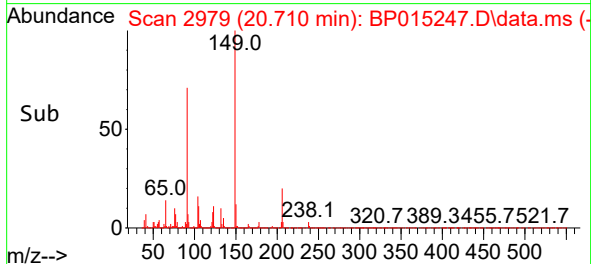
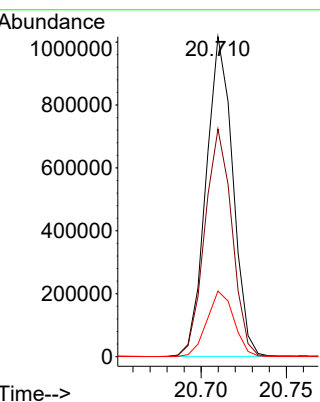
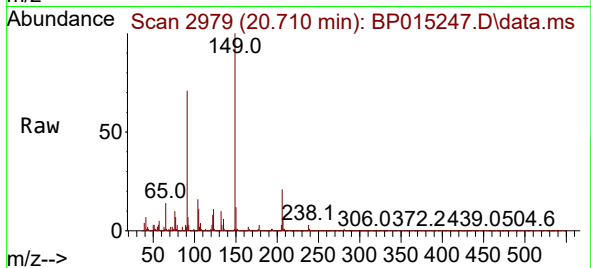
Tgt Ion:149 Resp: 1109084

Ion Ratio Lower Upper

149 100

91 71.1 57.4 86.2

206 20.5 16.6 25.0



#84

3,3'-Dichlorobenzidine

Concen: 13.876 ng/ul

RT: 21.492 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BP015247.D

Acq: 23 May 2023 19:21

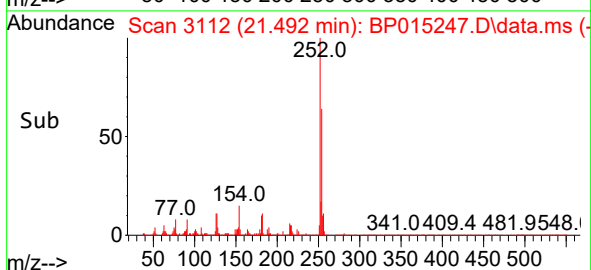
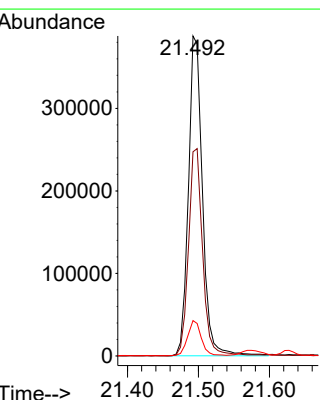
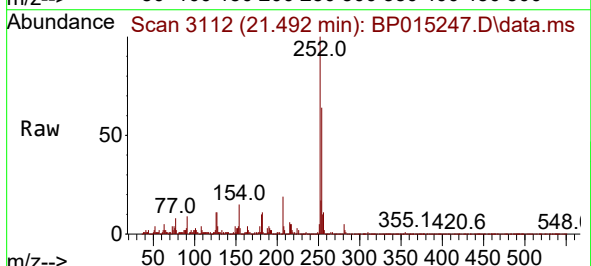
Tgt Ion:252 Resp: 535615

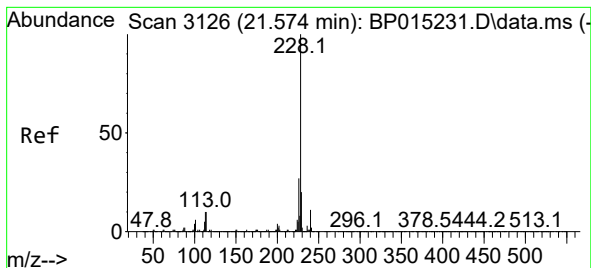
Ion Ratio Lower Upper

252 100

254 63.8 50.8 76.2

126 11.1 9.8 14.8





#85

Benzo(a)anthracene

Concen: 17.977 ng/ul

RT: 21.569 min Scan# 3126

Delta R.T. 0.000 min

Lab File: BP015247.D

Acq: 23 May 2023 19:21

Instrument :

BNA_P

ClientSampleId :

SSTD020728

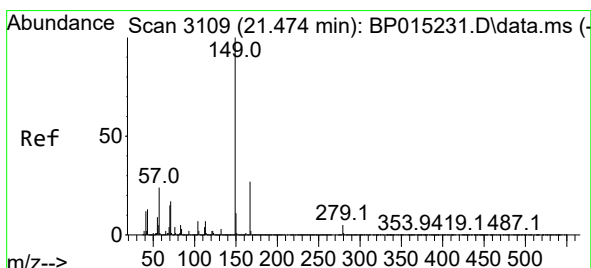
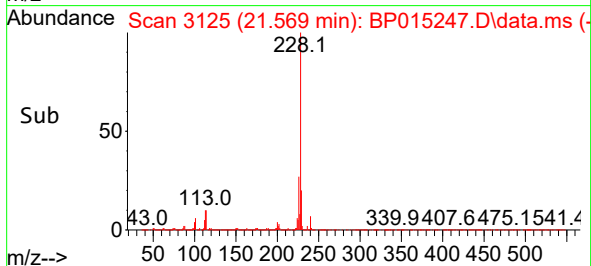
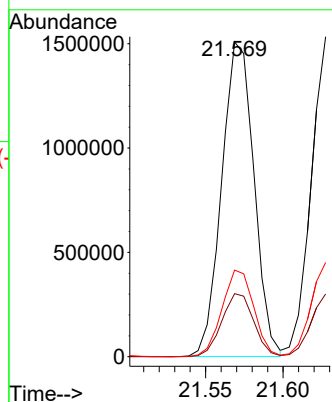
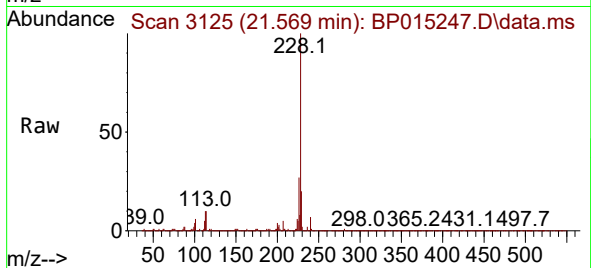
Tgt Ion:228 Resp: 2184705

Ion Ratio Lower Upper

228 100

229 20.0 16.1 24.1

226 27.5 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 19.365 ng/ul

RT: 21.469 min Scan# 3108

Delta R.T. 0.000 min

Lab File: BP015247.D

Acq: 23 May 2023 19:21

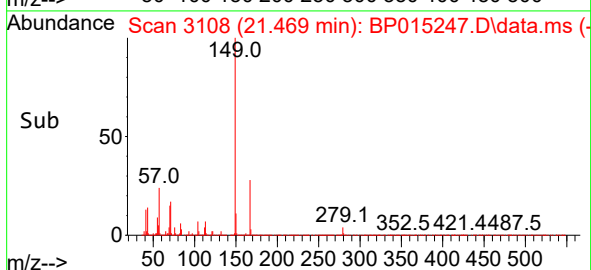
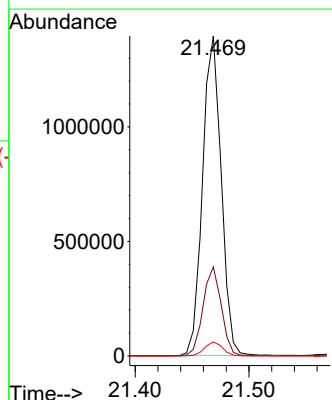
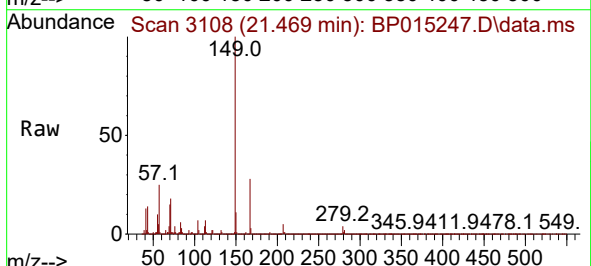
Tgt Ion:149 Resp: 1585788

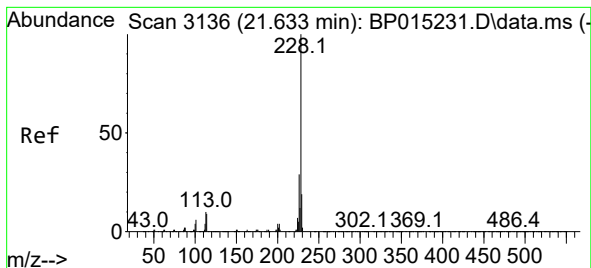
Ion Ratio Lower Upper

149 100

167 27.8 21.8 32.6

279 4.4 3.2 4.8





#87

Chrysene

Concen: 16.777 ng/ul

RT: 21.627 min Scan# 3136

Delta R.T. 0.000 min

Lab File: BP015247.D

Acq: 23 May 2023 19:21

Instrument :

BNA_P

ClientSampleId :

SSTD020728

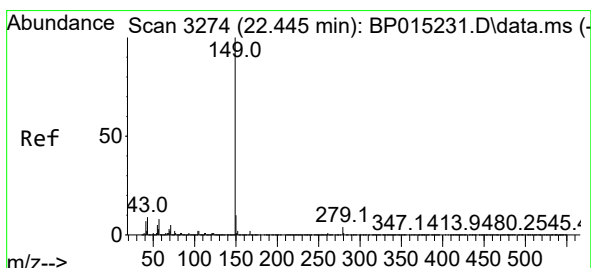
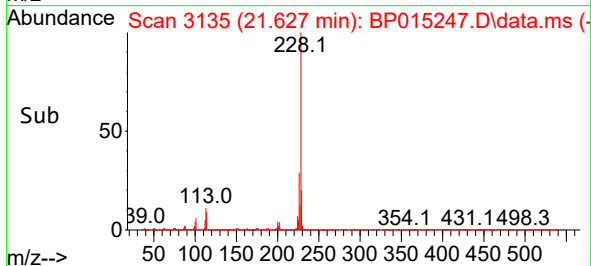
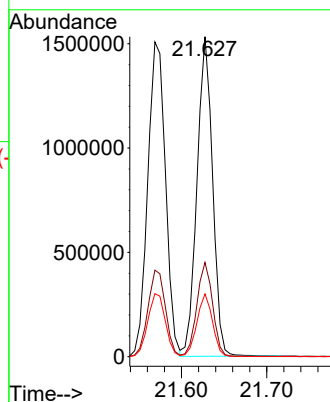
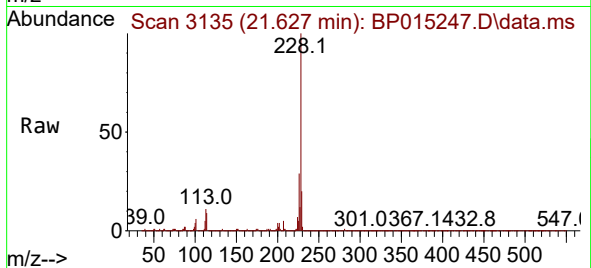
Tgt Ion:228 Resp: 1949052

Ion Ratio Lower Upper

228 100

226 29.5 25.0 37.6

229 19.6 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 18.279 ng/ul

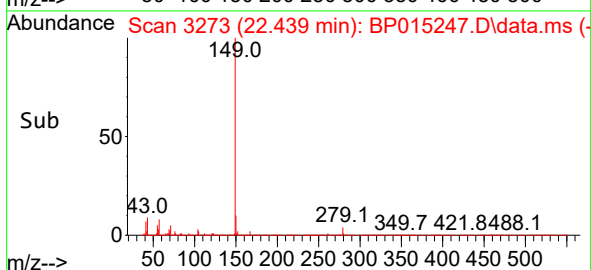
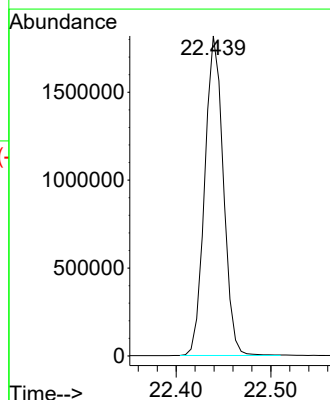
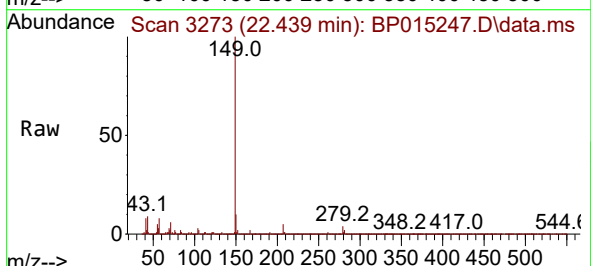
RT: 22.439 min Scan# 3273

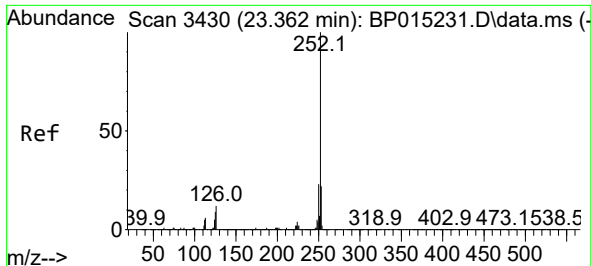
Delta R.T. 0.000 min

Lab File: BP015247.D

Acq: 23 May 2023 19:21

Tgt Ion:149 Resp: 2483290

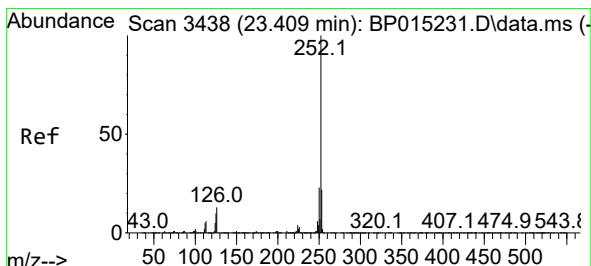
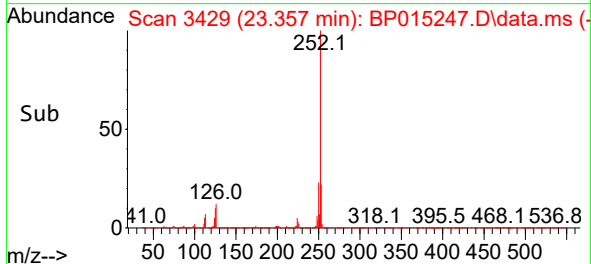
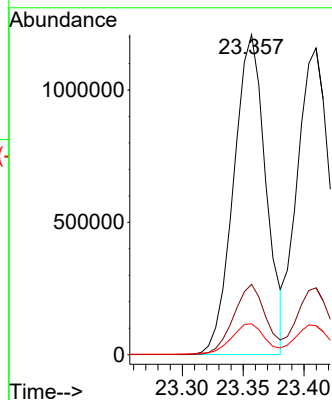
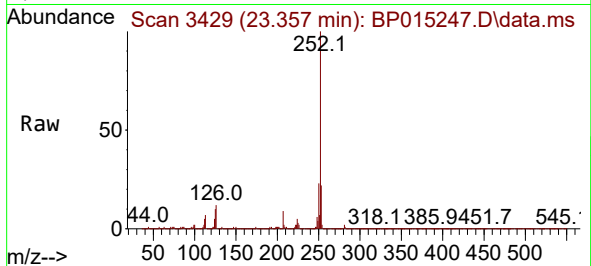




#90
Benzo(b)fluoranthene
Concen: 17.708 ng/ul
RT: 23.357 min Scan# 3429
Delta R.T. 0.006 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

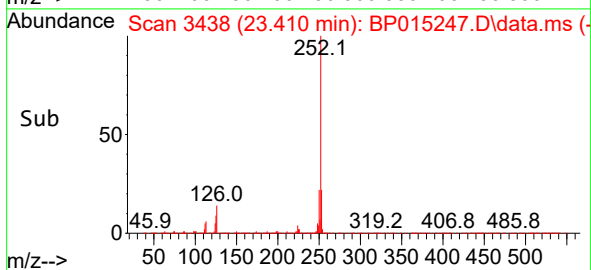
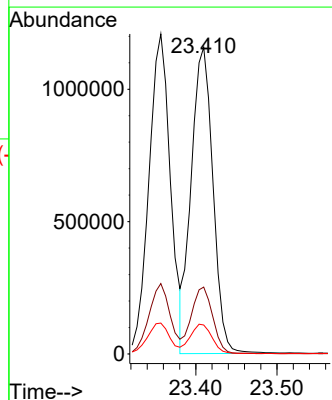
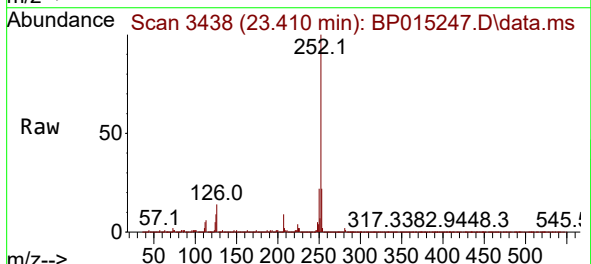
Instrument :
BNA_P
ClientSampleId :
SSTD020728

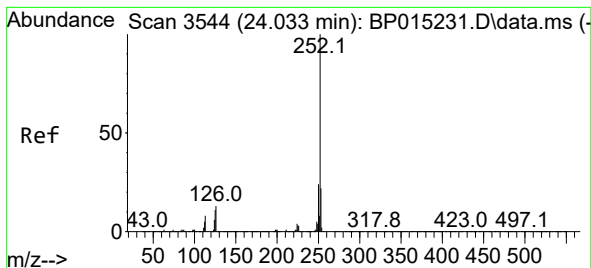
Tgt Ion:252 Resp: 2226854
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 9.7 8.3 12.5



#91
Benzo(k)fluoranthene
Concen: 17.859 ng/ul
RT: 23.410 min Scan# 3438
Delta R.T. 0.006 min
Lab File: BP015247.D
Acq: 23 May 2023 19:21

Tgt Ion:252 Resp: 2156438
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 9.4 8.5 12.7





#93

Benzo(a)pyrene

Concen: 17.592 ng/ul

RT: 24.027 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP015247.D

Acq: 23 May 2023 19:21

Instrument :

BNA_P

ClientSampleId :

SSTD020728

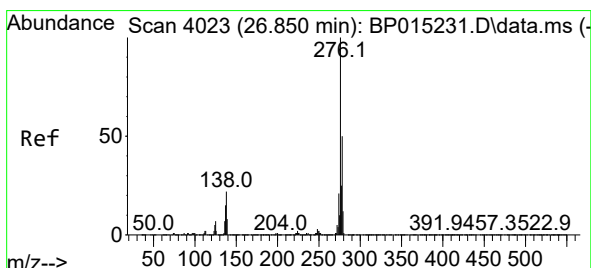
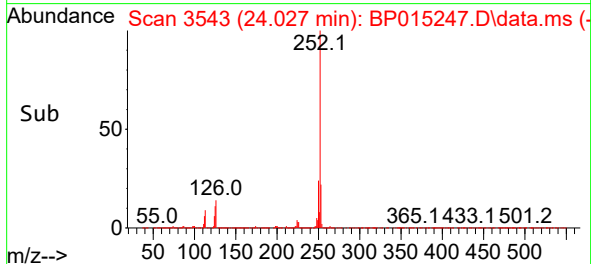
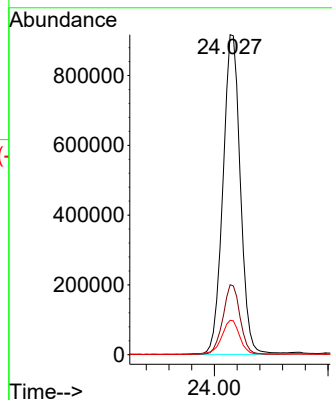
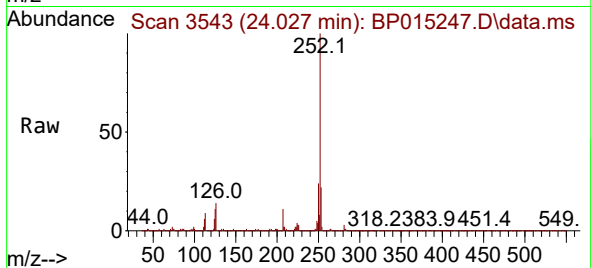
Tgt Ion:252 Resp: 1955394

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 10.8 9.1 13.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 17.931 ng/ul

RT: 26.857 min Scan# 4024

Delta R.T. 0.012 min

Lab File: BP015247.D

Acq: 23 May 2023 19:21

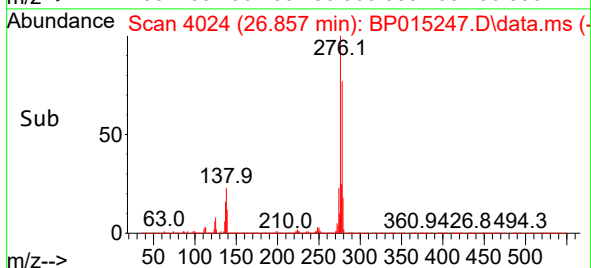
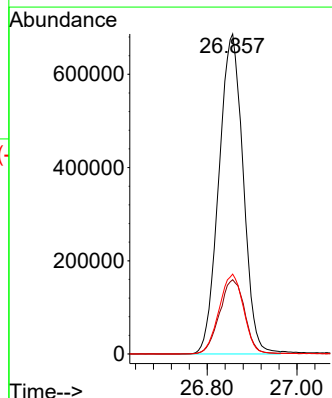
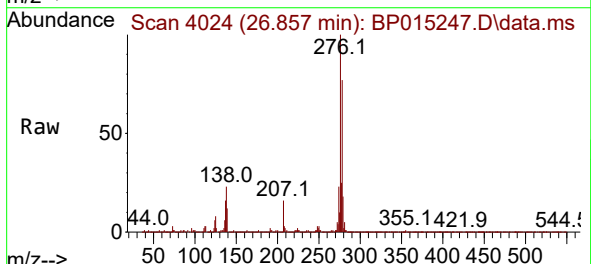
Tgt Ion:276 Resp: 2580705

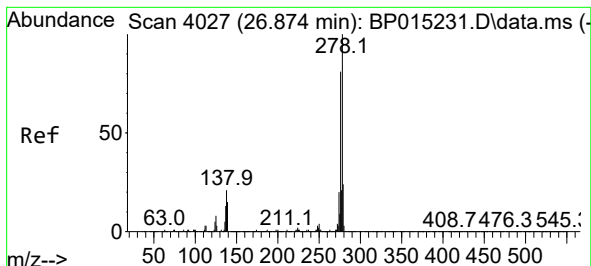
Ion Ratio Lower Upper

276 100

138 23.2 20.1 30.1

277 25.0 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 18.032 ng/ul

RT: 26.874 min Scan# 4027

Delta R.T. 0.012 min

Lab File: BP015247.D

Acq: 23 May 2023 19:21

Instrument :

BNA_P

ClientSampleId :

SSTD020728

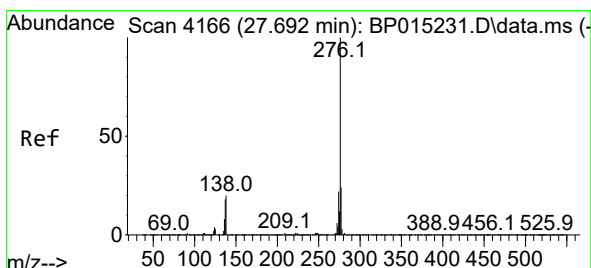
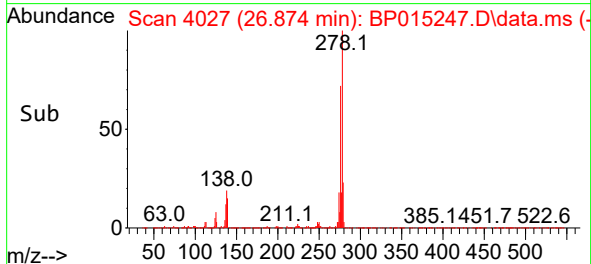
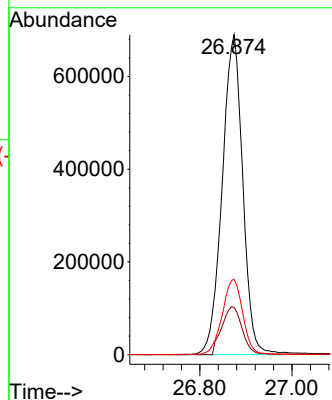
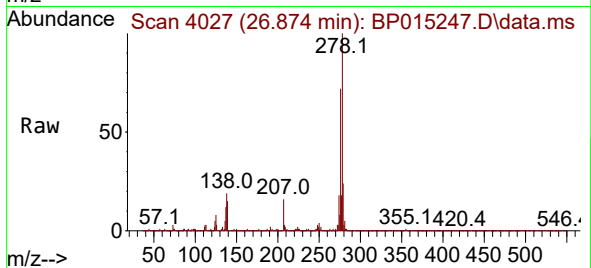
Tgt Ion:278 Resp: 2130371

Ion Ratio Lower Upper

278 100

139 14.7 13.3 19.9

279 23.5 19.1 28.7



#96

Benzo(g,h,i)perylene

Concen: 18.070 ng/ul

RT: 27.692 min Scan# 4166

Delta R.T. 0.018 min

Lab File: BP015247.D

Acq: 23 May 2023 19:21

Tgt Ion:276 Resp: 2120681

Ion Ratio Lower Upper

276 100

138 19.8 17.7 26.5

277 23.2 18.8 28.2

