

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060723\
 Data File : BP015408.D
 Acq On : 07 Jun 2023 20:22
 Operator : MA/JU
 Sample : 02950-13MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW990MS

Quant Time: Jun 08 00:13:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 07 23:46:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	192929	20.000	ng/u1	0.00
20) Naphthalene-d8	10.928	136	873189	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.745	164	583781	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.498	188	1343048	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	1274441	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	1423320	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	12985	2.492	ng/uL	0.00
4) Pyridine-d5	3.893	84	5700	0.421	ng/u1	0.04
7) Phenol-d5	7.252	99	265324	14.928	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.422	67	169157	15.936	ng/u1	0.00
11) 2-Chlorophenol-d4	7.622	132	209054	16.223	ng/u1	0.00
15) 4-Methylphenol-d8	8.816	113	227009	15.562	ng/u1	0.00
21) Nitrobenzene-d5	9.275	128	113787	16.598	ng/u1	0.00
24) 2-Nitrophenol-d4	10.004	143	130844	16.713	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	243119	17.024	ng/u1	0.00
31) 4-Chloroaniline-d4	11.069	131	296795	14.479	ng/u1	0.00
46) Dimethylphthalate-d6	14.145	166	906749	19.697	ng/u1	0.00
49) Acenaphthylene-d8	14.440	160	926449	18.405	ng/u1	0.00
54) 4-Nitrophenol-d4	14.945	143	150813	18.294	ng/u1	0.00
60) Fluorene-d10	15.734	176	727616	18.743	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	159004	18.688	ng/u1	0.00
73) Anthracene-d10	17.598	188	1238543	20.268	ng/u1	0.00
81) Pyrene-d10	19.822	212	1576662	23.115	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.968	264	1552979	21.745	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	31644	5.750	ng/uL#	88
6) Benzaldehyde	7.234	77	178082	26.213	ng/u1	99
8) Phenol	7.281	94	301720	16.454	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.516	93	233600	16.113	ng/u1	98
12) 2-Chlorophenol	7.657	128	219091	16.092	ng/u1	97
13) 2-Methylphenol	8.546	108	215381	15.266	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.628	45	320345	16.674	ng/u1	98
16) Acetophenone	8.934	105	464203	19.940	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.910	70	210523	16.755	ng/u1	98
18) 4-Methylphenol	8.875	108	248070	15.981	ng/u1	98
19) Hexachloroethane	9.187	117	94468	16.419	ng/u1	97
22) Nitrobenzene	9.322	77	302997	16.666	ng/u1	99
23) Isophorone	9.846	82	620647	17.054	ng/u1	99
25) 2-Nitrophenol	10.034	139	144284	17.070	ng/u1	98
26) 2,4-Dimethylphenol	10.093	107	192690	10.750	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.328	93	352732	16.671	ng/u1	100
29) 2,4-Dichlorophenol	10.575	162	246854	17.385	ng/u1	97
30) Naphthalene	10.981	128	780021	16.485	ng/u1	100
32) 4-Chloroaniline	11.093	127	283314	13.357	ng/u1	100
33) Hexachlorobutadiene	11.257	225	160563	16.767	ng/u1	98
34) Caprolactam	11.869	113	98935	18.509	ng/u1	91
35) 4-Chloro-3-methylphenol	12.204	107	314757	18.296	ng/u1	97
36) 2-Methylnaphthalene	12.581	142	558290	16.784	ng/u1	99
37) 1-Methylnaphthalene	12.798	142	568568	16.977	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.945	216	323298	17.785	ng/ul	99
40) Hexachlorocyclopentadiene	12.916	237	91086	12.224	ng/ul	93
41) 2,4,6-Trichlorophenol	13.181	196	229438	18.963	ng/ul	94
42) 2,4,5-Trichlorophenol	13.257	196	250662	19.012	ng/ul	98
43) 1,1'-Biphenyl	13.581	154	803210	17.791	ng/ul	99
44) 2-Chloronaphthalene	13.622	162	627880	17.726	ng/ul	98
45) 2-Nitroaniline	13.828	65	220951	19.491	ng/ul	95
47) Dimethylphthalate	14.192	163	927473	19.513	ng/ul	99
48) 2,6-Dinitrotoluene	14.322	165	196767	20.206	ng/ul	100
50) Acenaphthylene	14.469	152	1006226	18.051	ng/ul	99
51) 3-Nitroaniline	14.651	138	190910	23.749	ng/ul	98
52) Acenaphthene	14.810	153	699144	18.144	ng/ul	98
53) 2,4-Dinitrophenol	14.863	184	103801	17.720	ng/ul	99
55) 4-Nitrophenol	14.957	109	157379	19.792	ng/ul	95
56) Dibenzofuran	15.139	168	1005659	18.414	ng/ul	100
57) 2,4-Dinitrotoluene	15.110	165	308321	21.527	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.369	232	248857	20.905	ng/ul	97
59) Diethylphthalate	15.551	149	1018680	20.912	ng/ul	99
61) Fluorene	15.792	166	842605	18.926	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.781	204	428153	19.082	ng/ul	98
63) 4-Nitroaniline	15.816	138	205116	26.900	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.875	198	178939	20.621	ng/ul	95
67) N-Nitrosodiphenylamine	15.998	169	786832	20.651	ng/ul	100
68) 4-Bromophenyl-phenylether	16.681	248	292900	20.385	ng/ul	99
69) Hexachlorobenzene	16.798	284	355406	20.969	ng/ul	97
70) Atrazine	16.951	200	290108	19.067	ng/ul	98
71) Pentachlorophenol	17.145	266	200176	20.896	ng/ul	98
72) Phenanthrene	17.545	178	1507776	20.920	ng/ul	100
74) Anthracene	17.633	178	1493828	20.428	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.545	216	338241	18.248	ng/uL	100
76) Pentachlorobenzene	15.063	250	357609	18.427	ng/uL	99
77) Carbazole	17.904	167	1436293	21.813	ng/ul	99
78) Di-n-butylphthalate	18.433	149	1953486	23.383	ng/ul	99
80) Fluoranthene	19.498	202	1938811	23.335	ng/ul	98
82) Pyrene	19.851	202	1983413	23.074	ng/ul	99
83) Butylbenzylphthalate	20.704	149	956186	25.167	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.486	252	561405	18.646	ng/ul	99
85) Benzo(a)anthracene	21.563	228	1965916	22.066	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.457	149	1420365	25.293	ng/ul	100
87) Chrysene	21.621	228	1865657	22.154	ng/ul	99
89) Di-n-octyl phthalate	22.427	149	2456147	26.256	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	2081554	22.656	ng/ul	100
91) Benzo(k)fluoranthene	23.398	252	1920230	21.621	ng/ul	100
93) Benzo(a)pyrene	24.021	252	1715834	21.421	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.839	276	2041097	19.689	ng/ul	99
95) Dibenzo(a,h)anthracene	26.856	278	1720345	20.370	ng/ul	100
96) Benzo(g,h,i)perylene	27.668	276	1416860	16.585	ng/ul	99

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

Instrument :

BNA P

ClientSampleId :

EW990MS

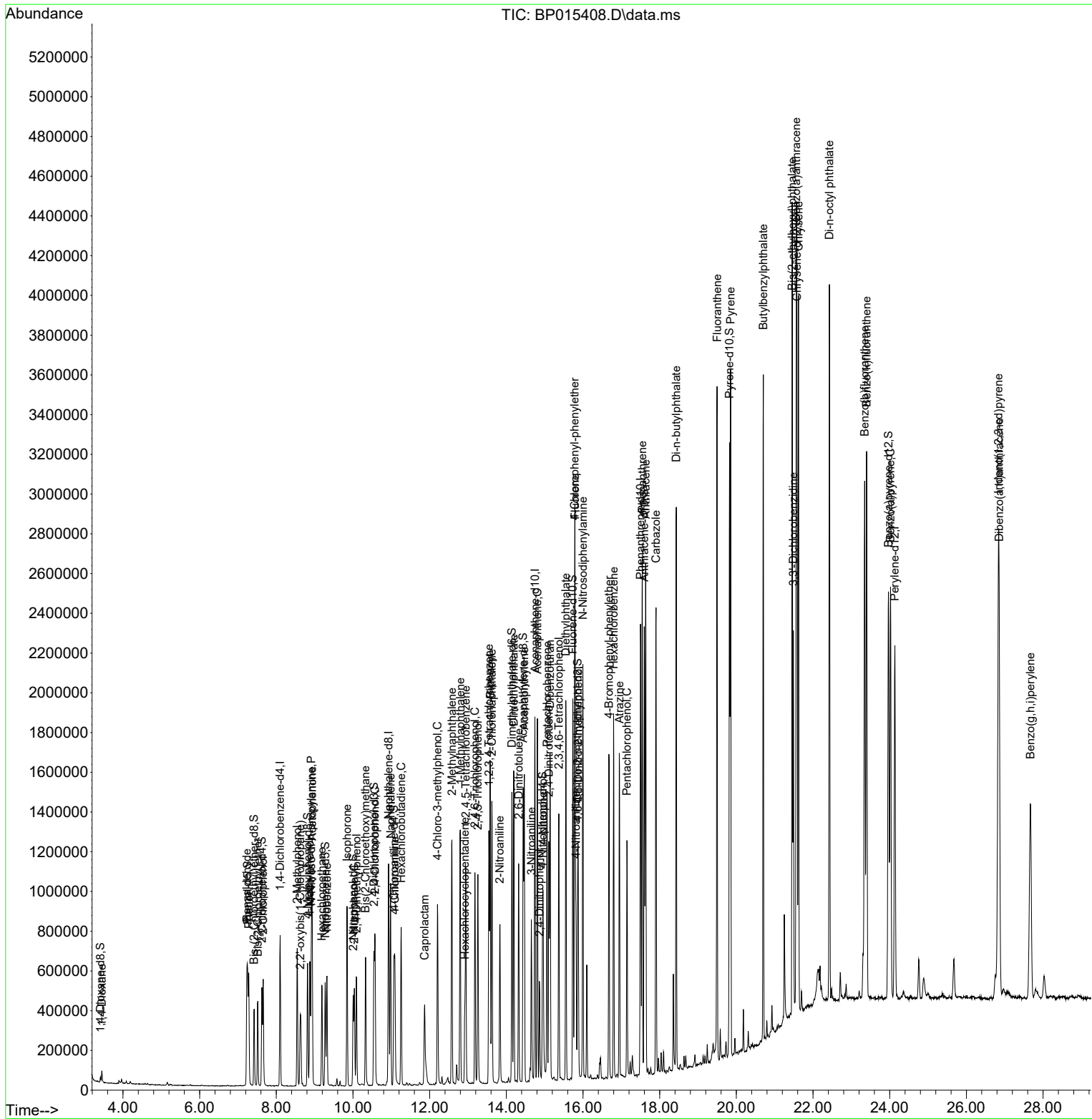
Quant Time: Jun 08 00:13:05 2023

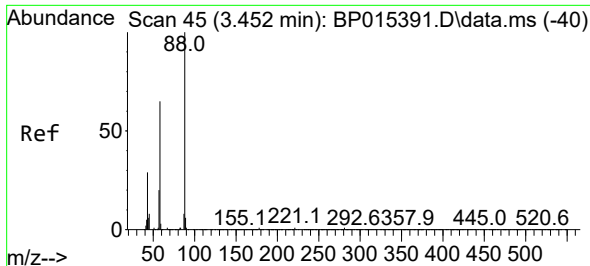
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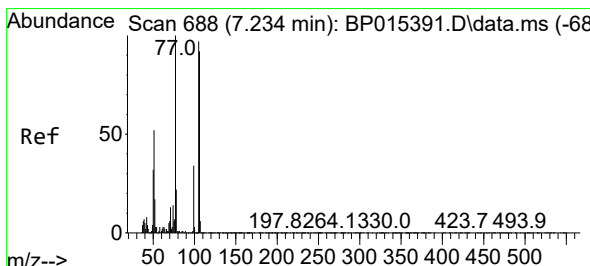
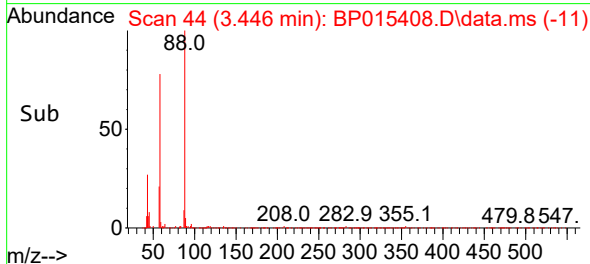
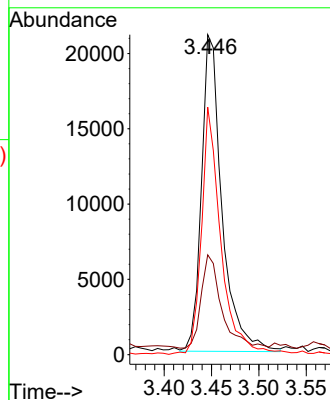
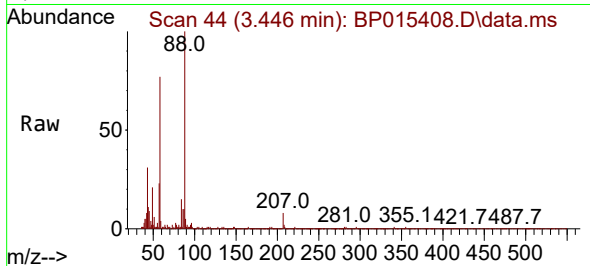




#2
1,4-Dioxane
Concen: 5.750 ng/uL
RT: 3.446 min Scan# 44
Delta R.T. -0.006 min
Lab File: BP015408.D
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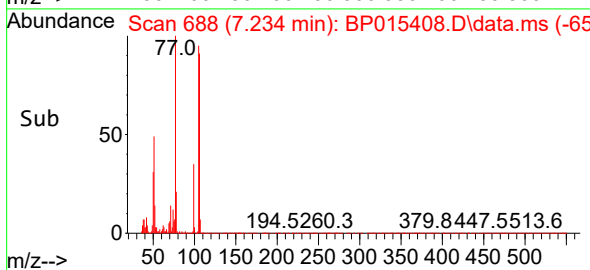
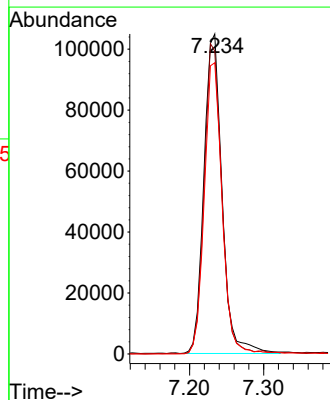
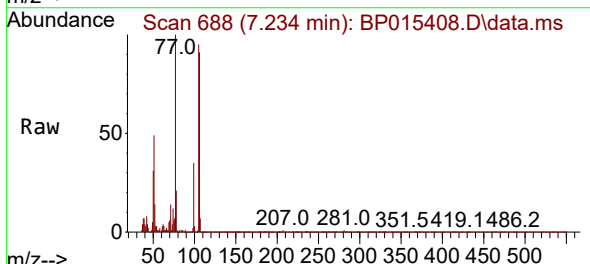
Instrument :
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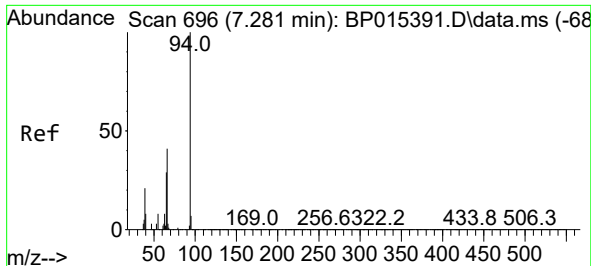
Tgt Ion: 88 Resp: 31644
Ion Ratio Lower Upper
88 100
43 31.2 23.9 35.9
58 77.3 51.4 77.2#



#6
Benzaldehyde
Concen: 26.213 ng/uL
RT: 7.234 min Scan# 688
Delta R.T. -0.000 min
Lab File: BP015408.D
Acq: 07 Jun 2023 20:22

Tgt Ion: 77 Resp: 178082
Ion Ratio Lower Upper
77 100
105 94.7 77.3 115.9
106 91.0 73.3 109.9

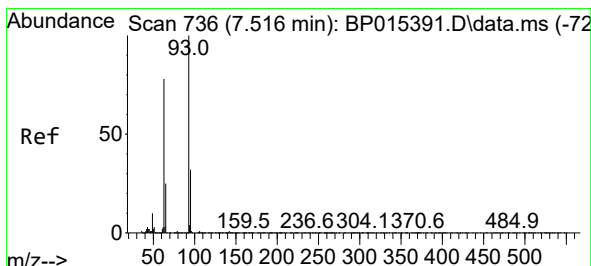
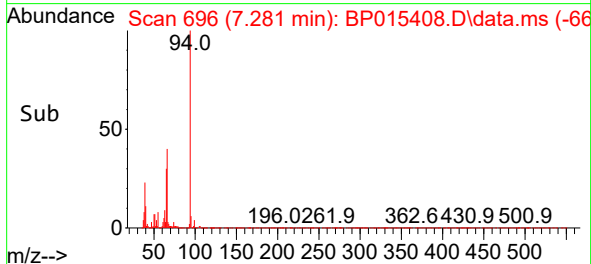
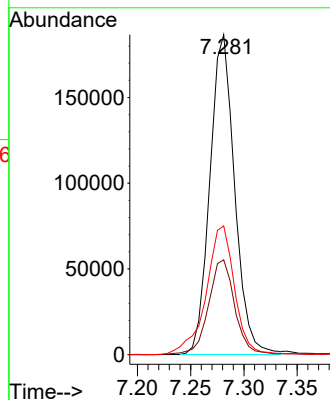
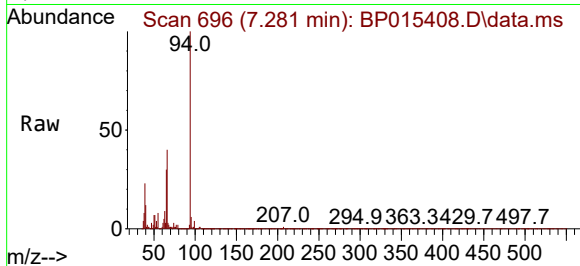




#8
Phenol
Concen: 16.454 ng/ul
RT: 7.281 min Scan# 696
Delta R.T. -0.000 min
Lab File: BP015408.D
Acq: 07 Jun 2023 20:22

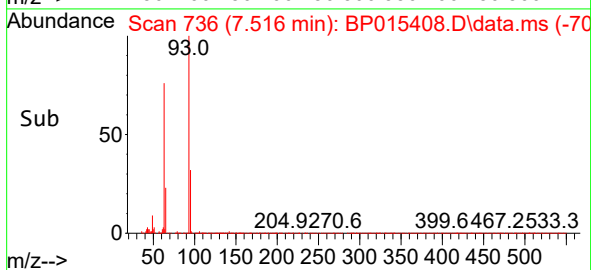
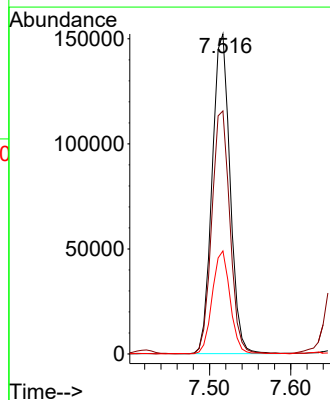
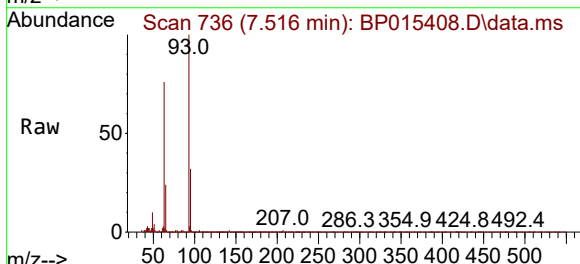
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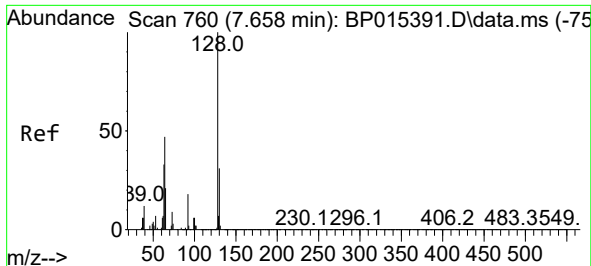
Tgt Ion: 94 Resp: 301720
Ion Ratio Lower Upper
94 100
65 29.6 23.5 35.3
66 40.3 34.2 51.4



#10
Bis(2-Chloroethyl)ether
Concen: 16.113 ng/ul
RT: 7.516 min Scan# 736
Delta R.T. -0.000 min
Lab File: BP015408.D
Acq: 07 Jun 2023 20:22

Tgt Ion: 93 Resp: 233600
Ion Ratio Lower Upper
93 100
63 75.9 62.6 93.8
95 32.2 25.5 38.3





#12

2-Chlorophenol

Concen: 16.092 ng/ul

RT: 7.657 min Scan# 760

Delta R.T. -0.000 min

Lab File: BP015408.D

Acq: 07 Jun 2023 20:22

Instrument :

BNA_P

ClientSampleId :

EW990MS

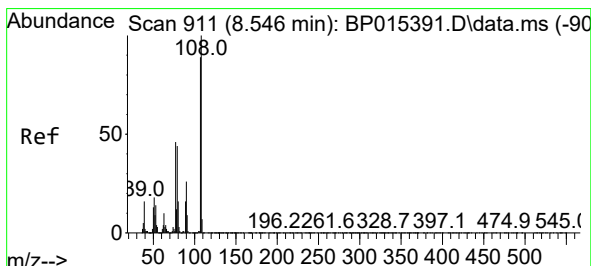
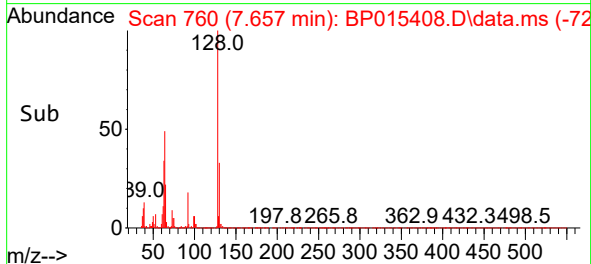
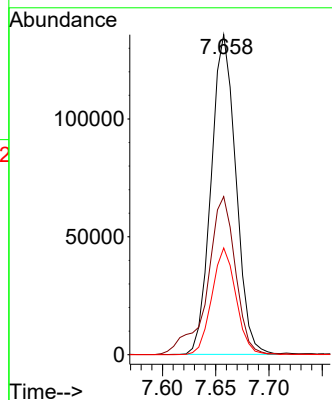
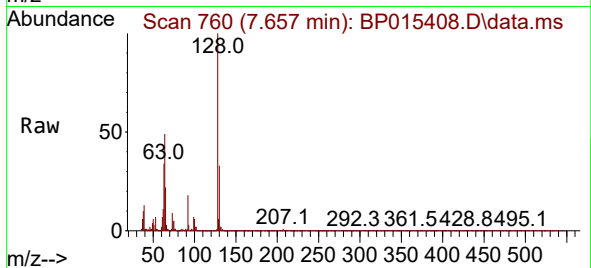
Tgt Ion:128 Resp: 219091

Ion Ratio Lower Upper

128 100

64 49.4 40.2 60.4

130 33.4 24.5 36.7



#13

2-Methylphenol

Concen: 15.266 ng/ul

RT: 8.546 min Scan# 911

Delta R.T. -0.000 min

Lab File: BP015408.D

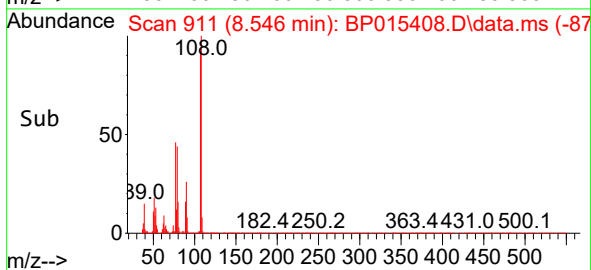
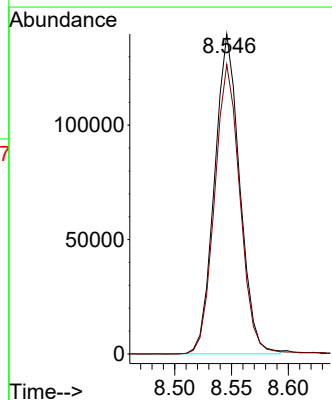
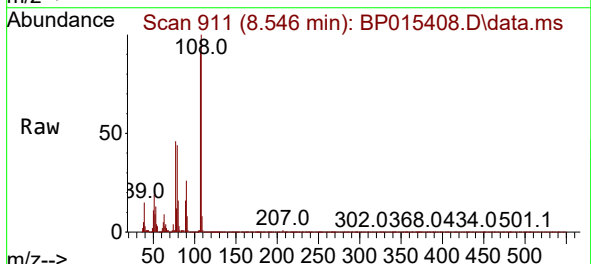
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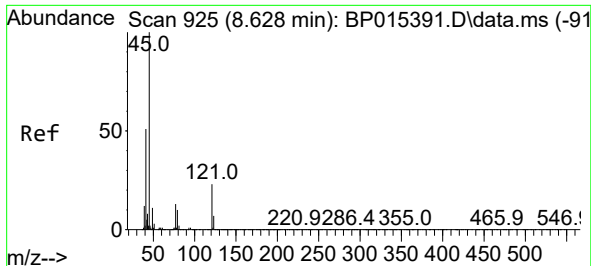
Tgt Ion:108 Resp: 215381

Ion Ratio Lower Upper

108 100

107 90.5 71.2 106.8

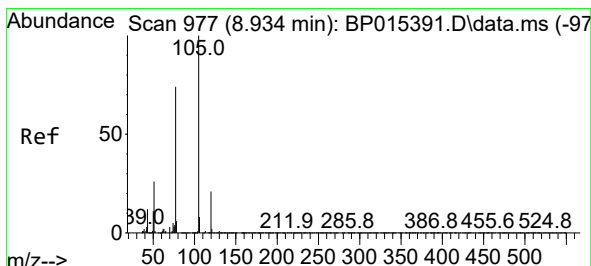
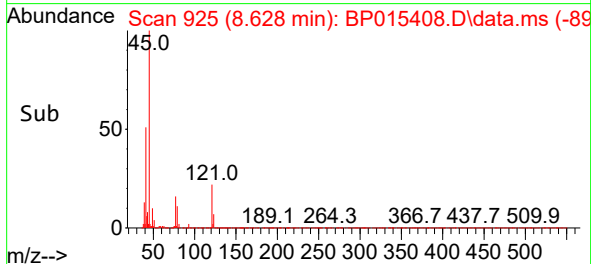
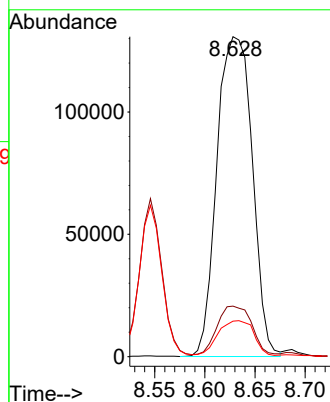
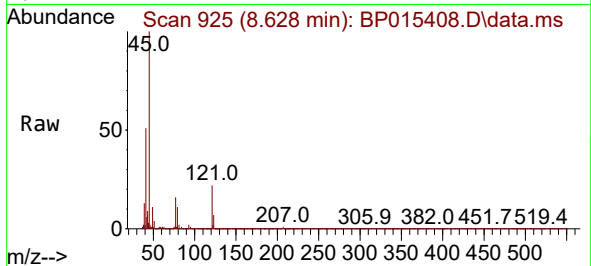




#14
2,2'-oxybis(1-Chloropropane)
Concen: 16.674 ng/ul
RT: 8.628 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP015408.D
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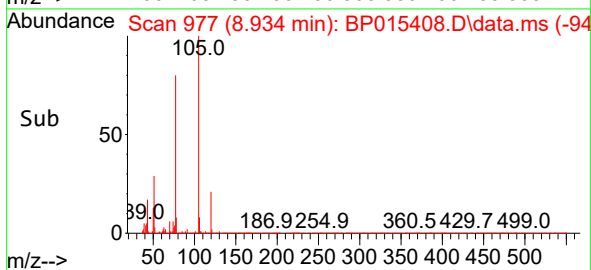
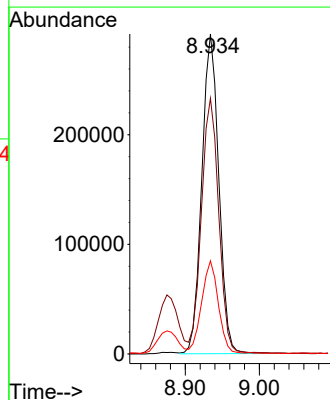
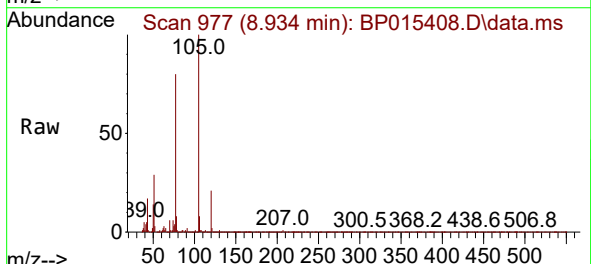
Instrument :
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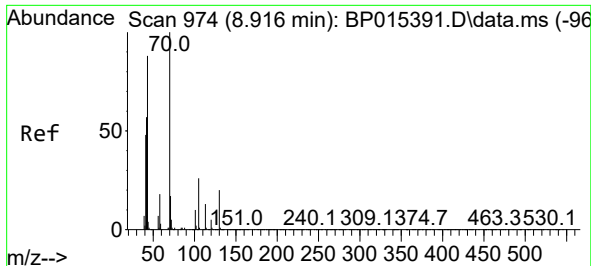
Tgt Ion: 45 Resp: 320345
Ion Ratio Lower Upper
45 100
77 15.8 11.8 17.8
79 11.1 8.7 13.1



#16
Acetophenone
Concen: 19.940 ng/ul
RT: 8.934 min Scan# 977
Delta R.T. -0.000 min
Lab File: BP015408.D
Acq: 07 Jun 2023 20:22

Tgt Ion: 105 Resp: 464203
Ion Ratio Lower Upper
105 100
77 79.9 64.9 97.3
51 29.1 23.5 35.3

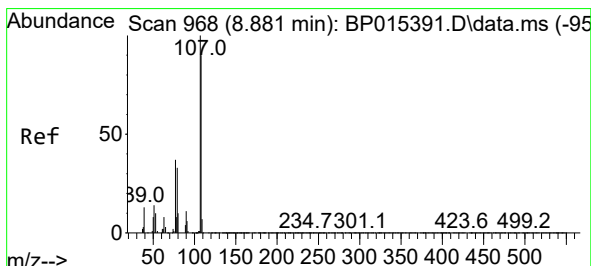
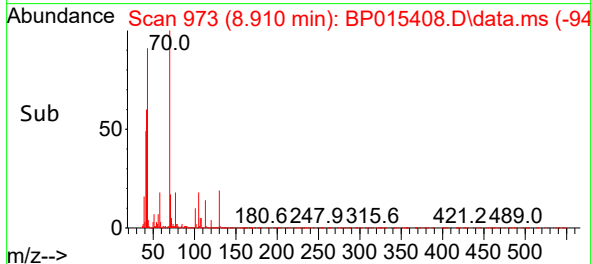
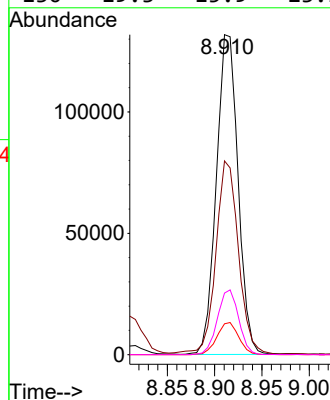
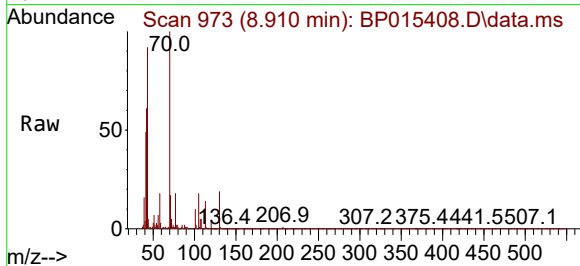




#17
N-Nitroso-di-n-propylamine
Concen: 16.755 ng/ul
RT: 8.910 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP015408.D
Acq: 07 Jun 2023 20:22

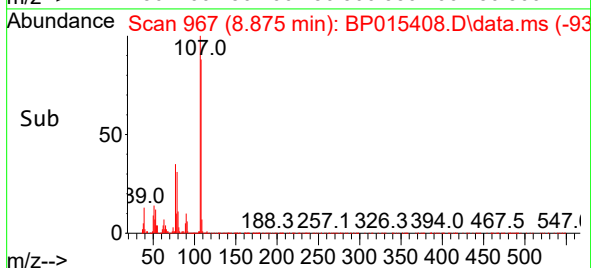
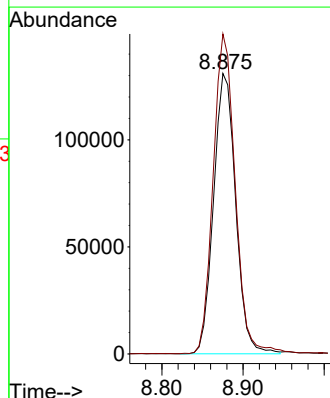
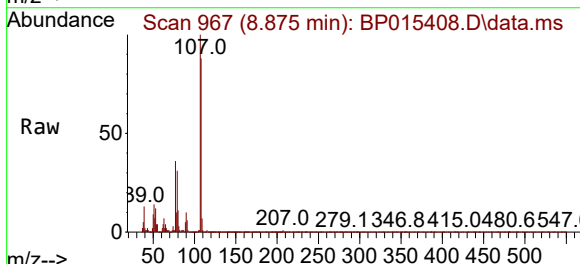
Instrument :
BNA_P
ClientSampleId :
EW990MS

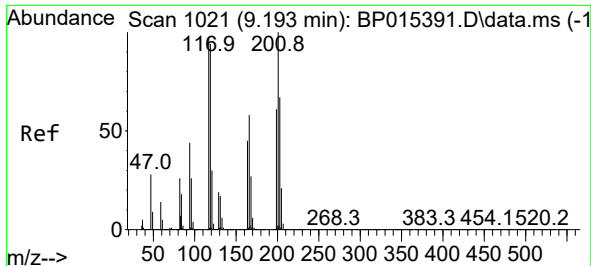
Tgt Ion: 70 Resp: 210523
Ion Ratio Lower Upper
70 100
42 60.5 46.6 69.8
101 9.6 7.8 11.6
130 19.3 15.9 23.9



#18
4-Methylphenol
Concen: 15.981 ng/ul
RT: 8.875 min Scan# 967
Delta R.T. -0.006 min
Lab File: BP015408.D
Acq: 07 Jun 2023 20:22

Tgt Ion: 108 Resp: 248070
Ion Ratio Lower Upper
108 100
107 114.1 89.3 133.9

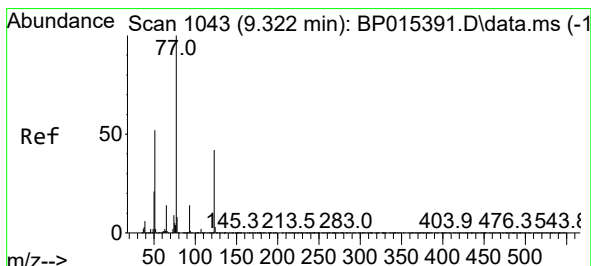
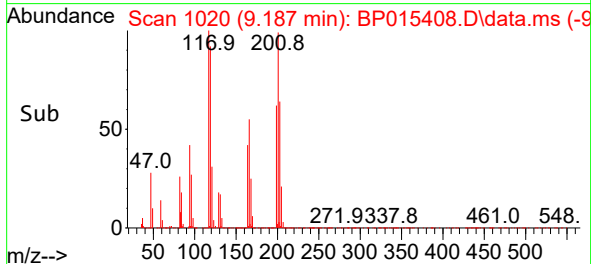
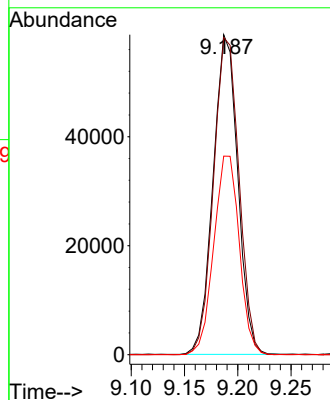
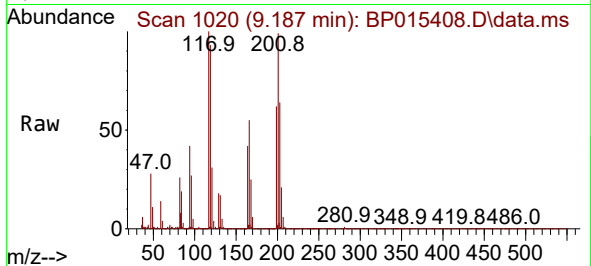




#19
Hexachloroethane
Concen: 16.419 ng/ul
RT: 9.187 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BP015408.D
Acq: 07 Jun 2023 20:22

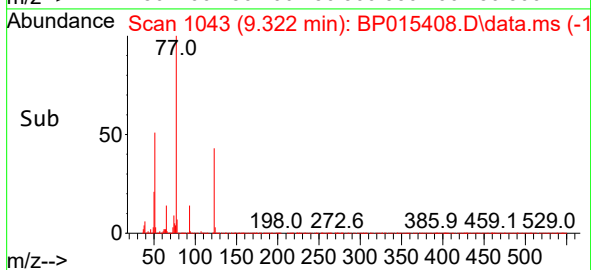
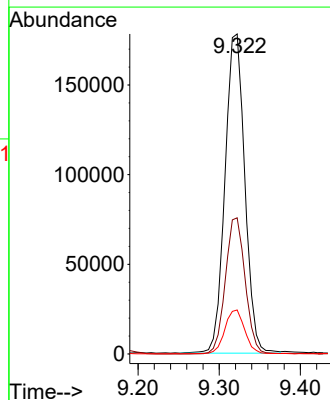
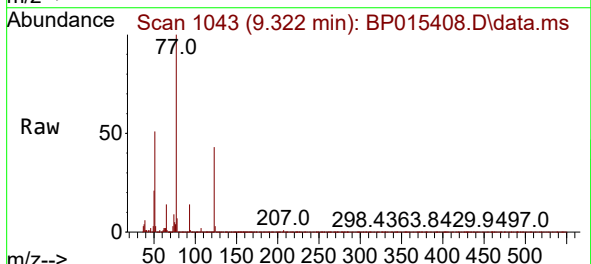
Instrument :
BNA_P
ClientSampleId :
EW990MS

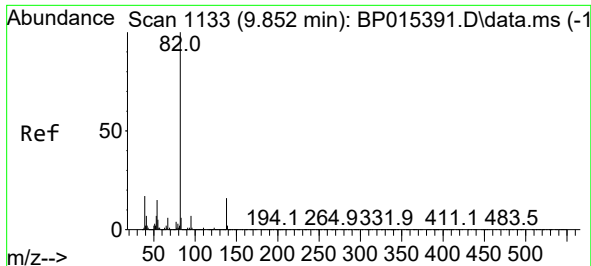
Tgt Ion:117 Resp: 94468
Ion Ratio Lower Upper
117 100
201 99.1 82.8 124.2
199 62.0 50.6 76.0



#22
Nitrobenzene
Concen: 16.666 ng/ul
RT: 9.322 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BP015408.D
Acq: 07 Jun 2023 20:22

Tgt Ion: 77 Resp: 302997
Ion Ratio Lower Upper
77 100
123 42.6 33.5 50.3
65 13.8 11.6 17.4





#23

Isophorone

Concen: 17.054 ng/ul

RT: 9.846 min Scan# 1133

Delta R.T. -0.006 min

Lab File: BP015408.D

Acq: 07 Jun 2023 20:22

Instrument :

BNA_P

ClientSampleId :

EW990MS

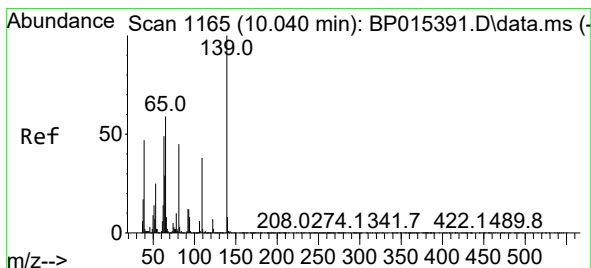
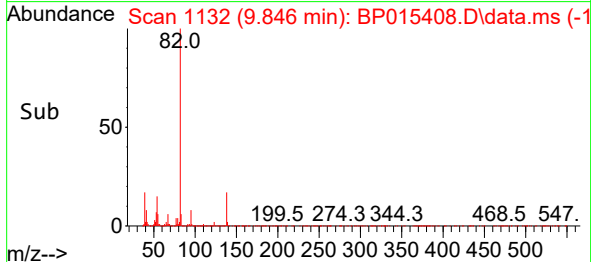
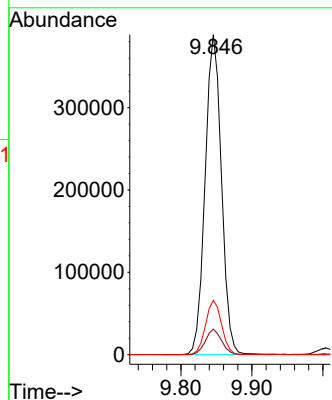
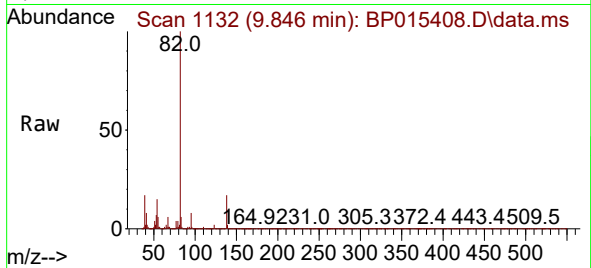
Tgt Ion: 82 Resp: 620647

Ion Ratio Lower Upper

82 100

95 8.0 5.8 8.8

138 16.9 13.1 19.7



#25

2-Nitrophenol

Concen: 17.070 ng/ul

RT: 10.034 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BP015408.D

Acq: 07 Jun 2023 20:22

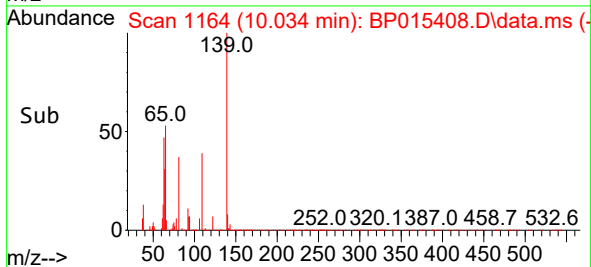
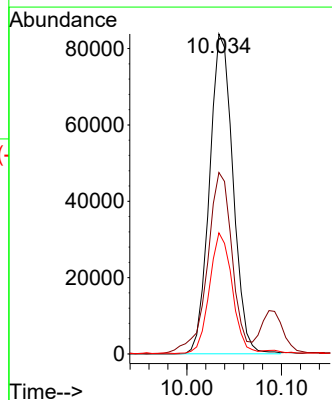
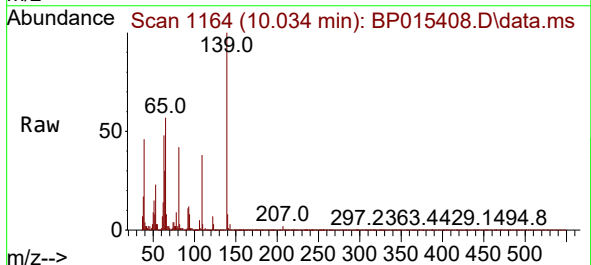
Tgt Ion:139 Resp: 144284

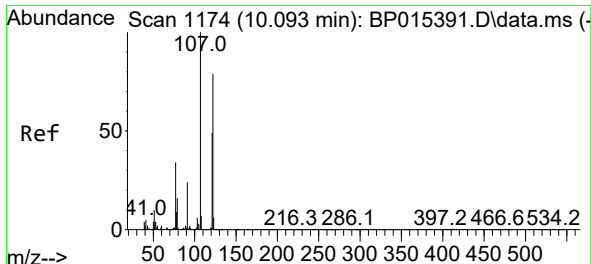
Ion Ratio Lower Upper

139 100

65 56.7 46.9 70.3

109 37.9 30.2 45.2

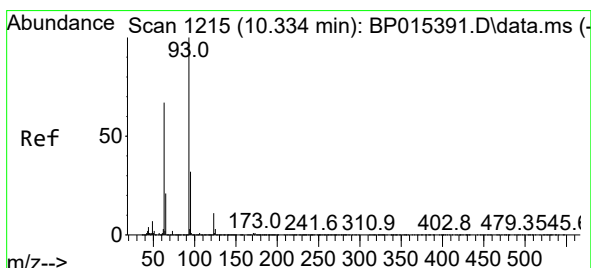
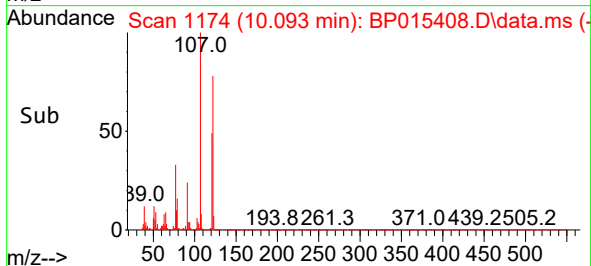
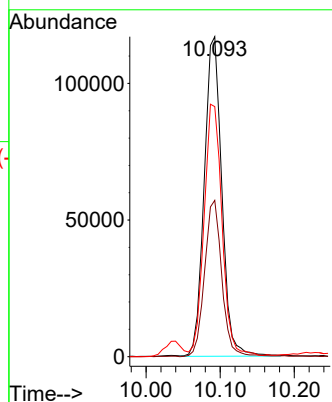
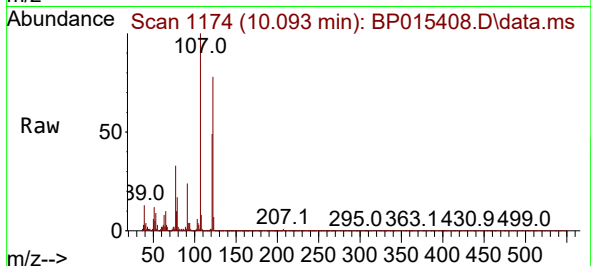




#26
2,4-Dimethylphenol
Concen: 10.750 ng/ul
RT: 10.093 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BP015408.D
Acq: 07 Jun 2023 20:22

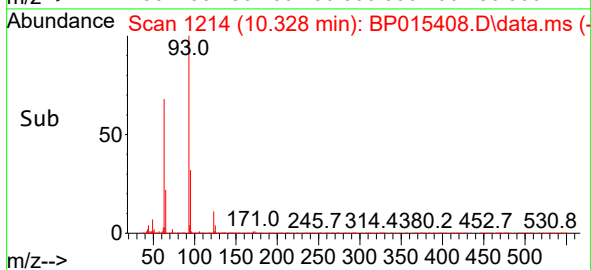
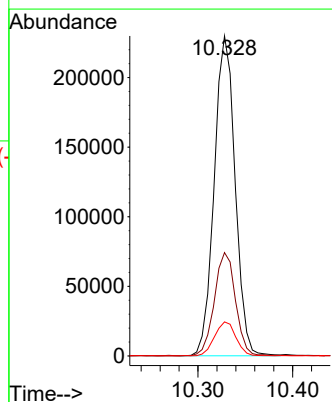
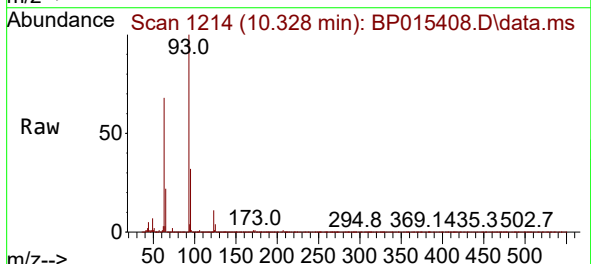
Instrument :
BNA_P
ClientSampleId :
EW990MS

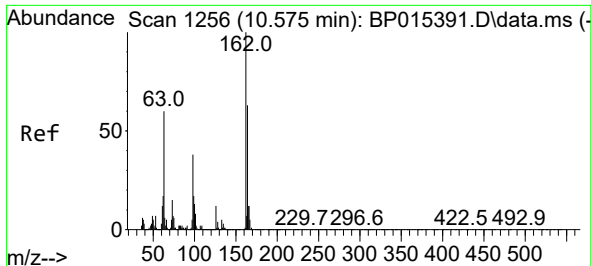
Tgt Ion:107 Resp: 192690
Ion Ratio Lower Upper
107 100
121 48.9 39.0 58.6
122 78.1 64.8 97.2



#27
Bis(2-Chloroethoxy)methane
Concen: 16.671 ng/ul
RT: 10.328 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BP015408.D
Acq: 07 Jun 2023 20:22

Tgt Ion: 93 Resp: 352732
Ion Ratio Lower Upper
93 100
95 32.3 25.7 38.5
123 10.7 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 17.385 ng/ul

RT: 10.575 min Scan# 1256

Delta R.T. -0.000 min

Lab File: BP015408.D

Acq: 07 Jun 2023 20:22

Instrument :

BNA_P

ClientSampleId :

EW990MS

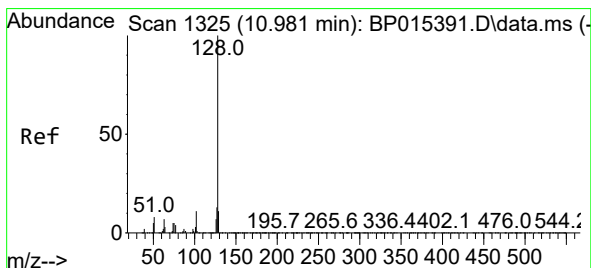
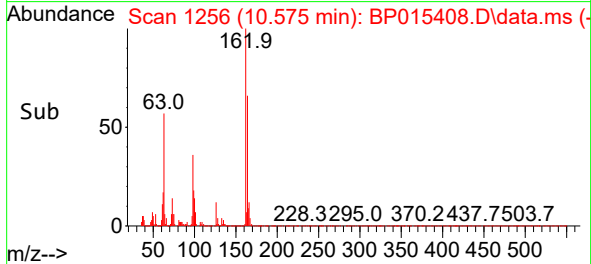
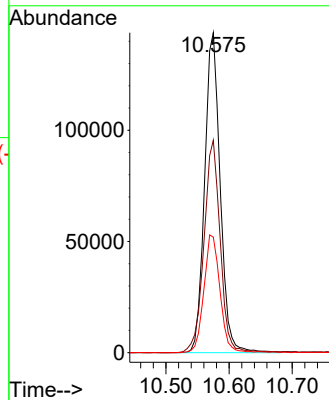
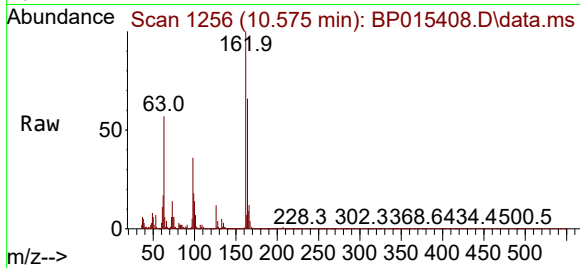
Tgt Ion:162 Resp: 246854

Ion Ratio Lower Upper

162 100

164 66.4 50.6 76.0

98 36.1 30.2 45.2



#30

Naphthalene

Concen: 16.485 ng/ul

RT: 10.981 min Scan# 1325

Delta R.T. -0.000 min

Lab File: BP015408.D

Acq: 07 Jun 2023 20:22

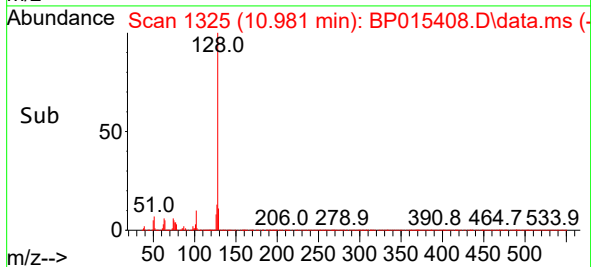
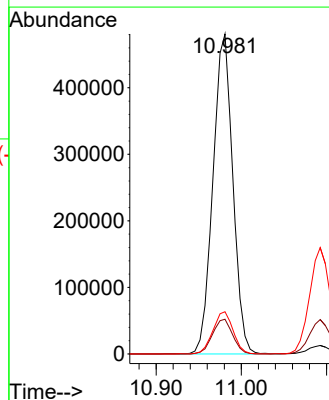
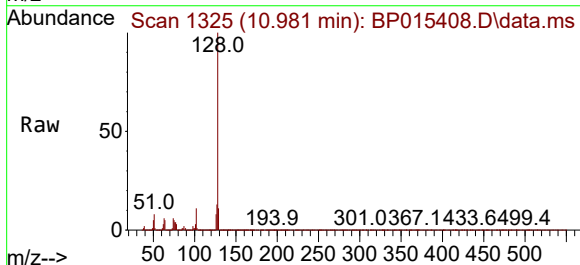
Tgt Ion:128 Resp: 780021

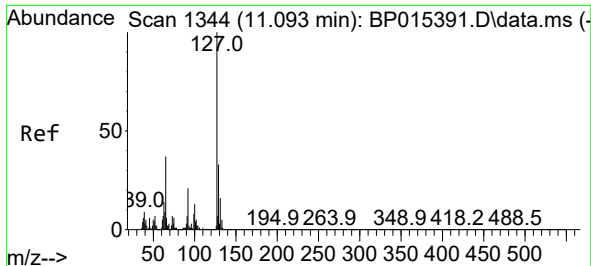
Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

127 13.2 10.5 15.7

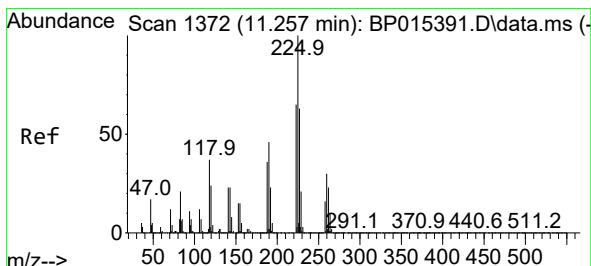
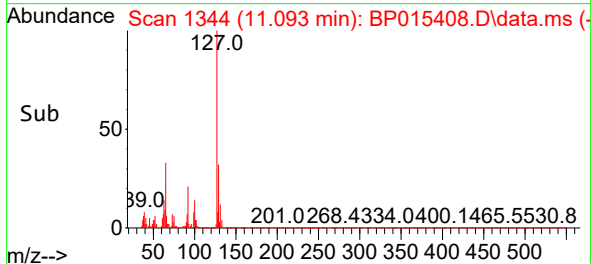
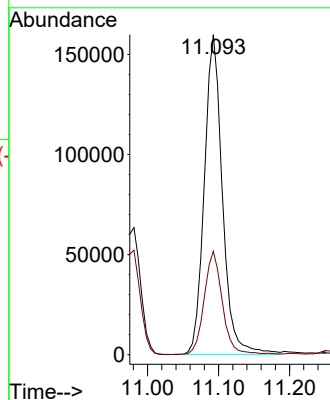
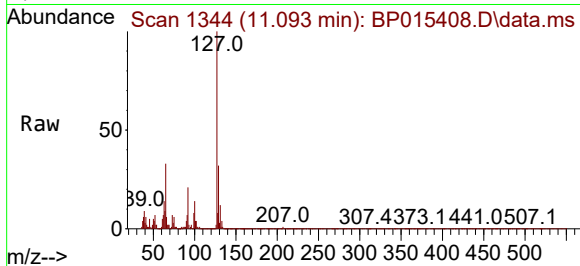




#32
4-Chloroaniline
Concen: 13.357 ng/ul
RT: 11.093 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP015408.D
Acq: 07 Jun 2023 20:22

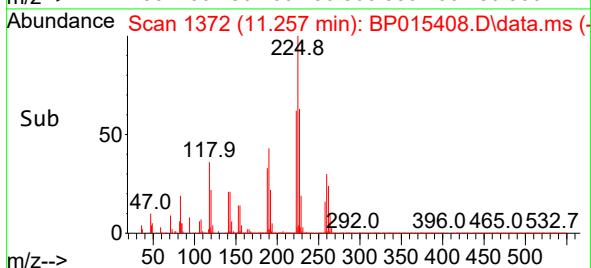
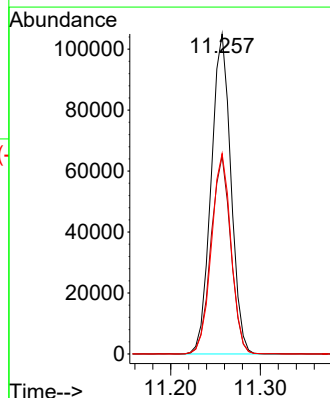
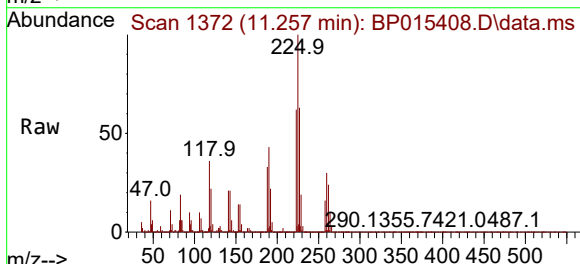
Instrument :
BNA_P
ClientSampleId :
EW990MS

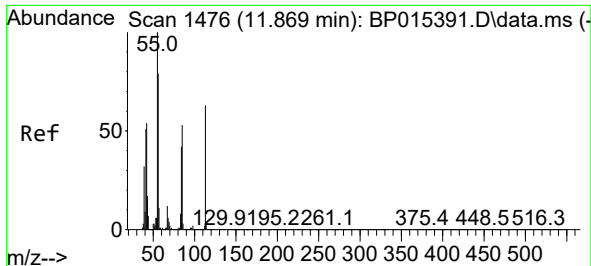
Tgt Ion:127 Resp: 283314
Ion Ratio Lower Upper
127 100
129 32.3 26.1 39.1



#33
Hexachlorobutadiene
Concen: 16.767 ng/ul
RT: 11.257 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BP015408.D
Acq: 07 Jun 2023 20:22

Tgt Ion:225 Resp: 160563
Ion Ratio Lower Upper
225 100
223 61.8 52.0 78.0
227 62.6 50.6 75.8

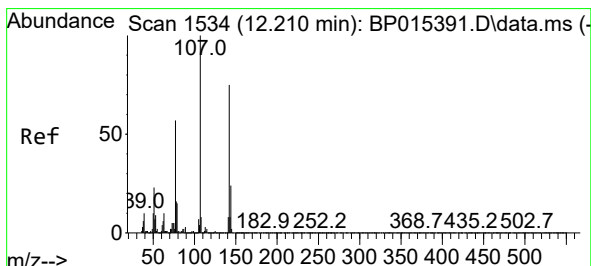
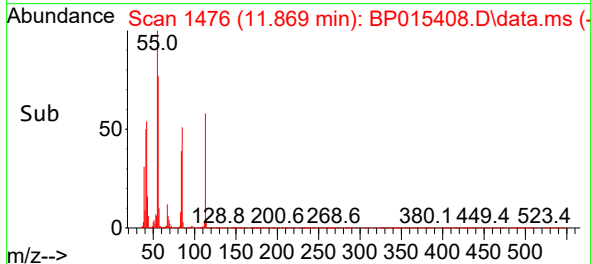
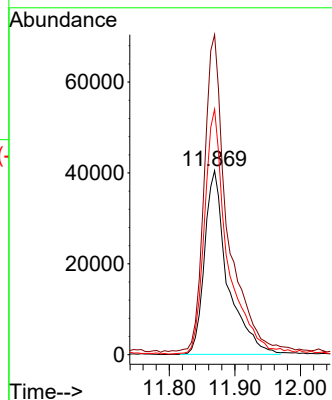
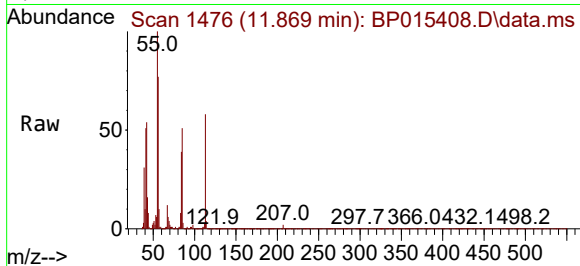




#34
 Caprolactam
 Concen: 18.509 ng/ul
 RT: 11.869 min Scan# 1476
 Delta R.T. -0.000 min
 Lab File: BP015408.D
 Acq: 07 Jun 2023 20:22

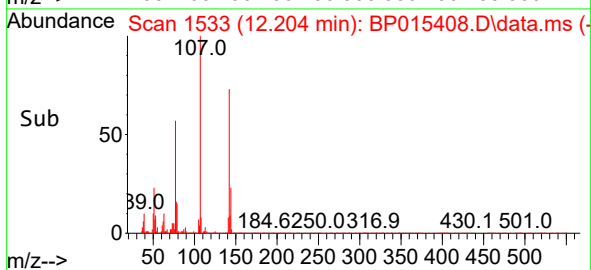
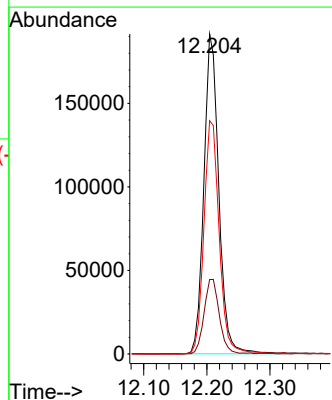
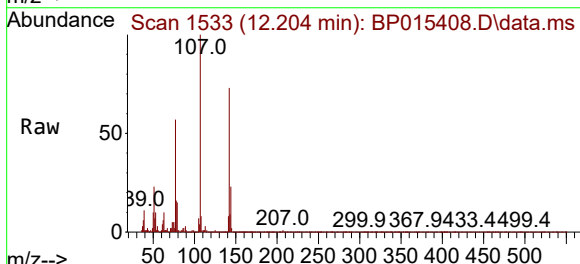
Instrument :
 BNA_P
 ClientSampleId :
 EW990MS

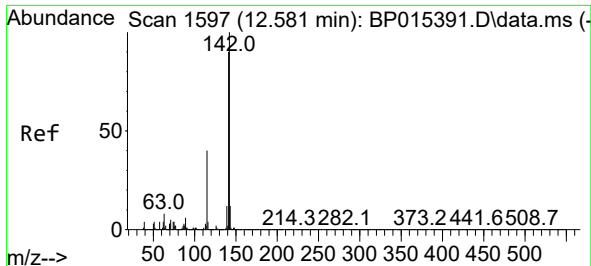
Tgt Ion:113 Resp: 98935
 Ion Ratio Lower Upper
 113 100
 55 173.9 127.9 191.9
 56 133.4 101.1 151.7



#35
 4-Chloro-3-methylphenol
 Concen: 18.296 ng/ul
 RT: 12.204 min Scan# 1533
 Delta R.T. -0.006 min
 Lab File: BP015408.D
 Acq: 07 Jun 2023 20:22

Tgt Ion:107 Resp: 314757
 Ion Ratio Lower Upper
 107 100
 144 23.2 19.4 29.0
 142 72.9 60.4 90.6

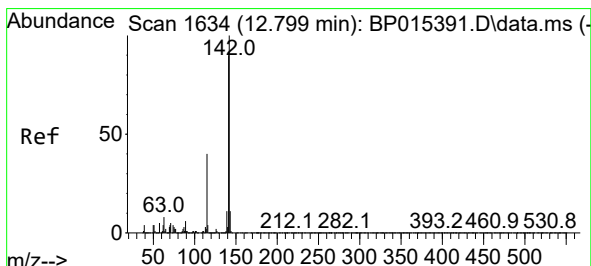
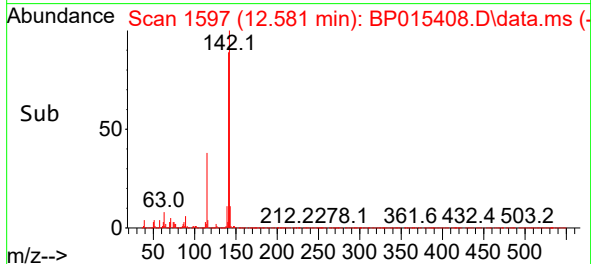
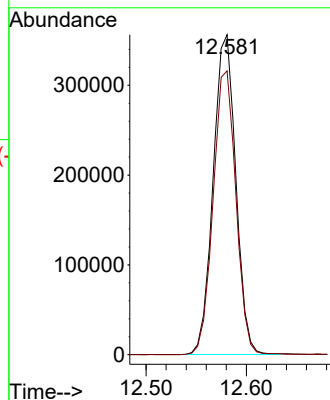
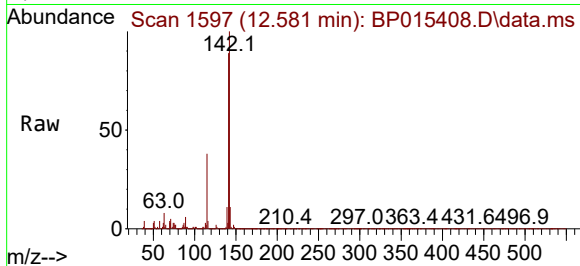




#36
2-Methylnaphthalene
Concen: 16.784 ng/ul
RT: 12.581 min Scan# 1597
Delta R.T. -0.000 min
Lab File: BP015408.D
Acq: 07 Jun 2023 20:22

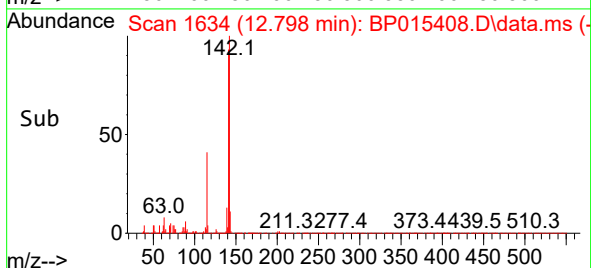
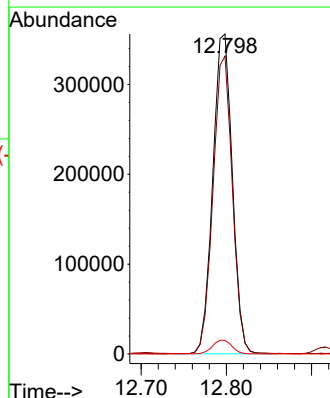
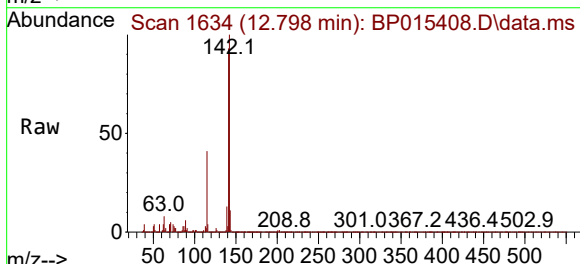
Instrument :
BNA_P
ClientSampleId :
EW990MS

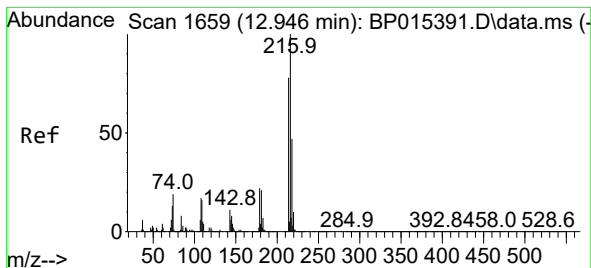
Tgt Ion:142 Resp: 558290
Ion Ratio Lower Upper
142 100
141 88.7 72.0 108.0



#37
1-Methylnaphthalene
Concen: 16.977 ng/ul
RT: 12.798 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BP015408.D
Acq: 07 Jun 2023 20:22

Tgt Ion:142 Resp: 568568
Ion Ratio Lower Upper
142 100
141 93.1 71.9 107.9
116 4.3 3.4 5.2

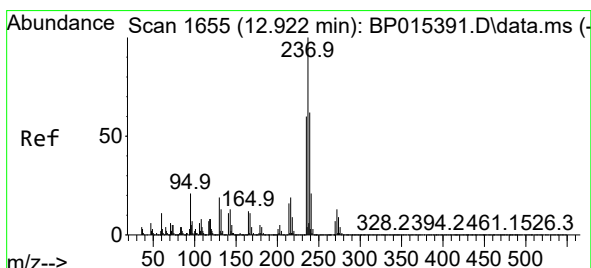
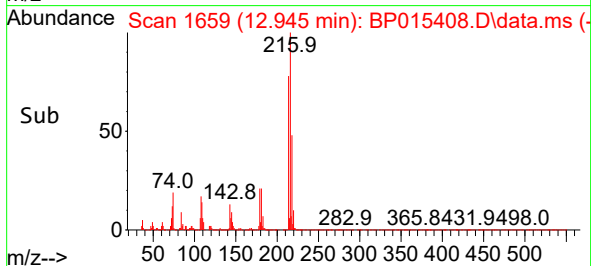
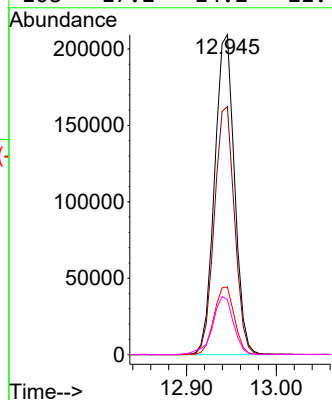
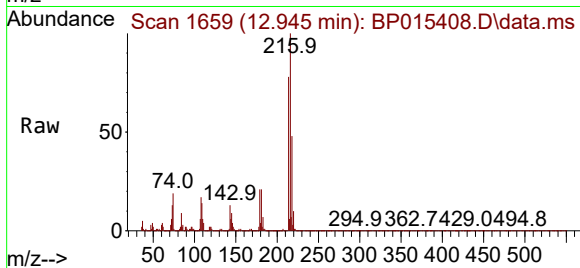




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 17.785 ng/ul
 RT: 12.945 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: BP015408.D
 Acq: 07 Jun 2023 20:22

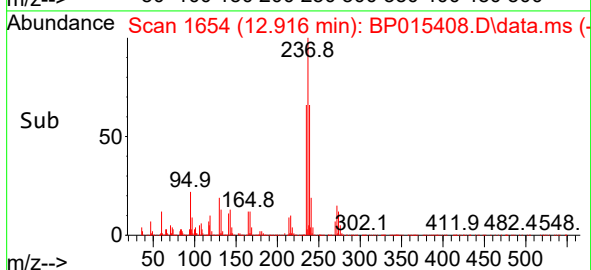
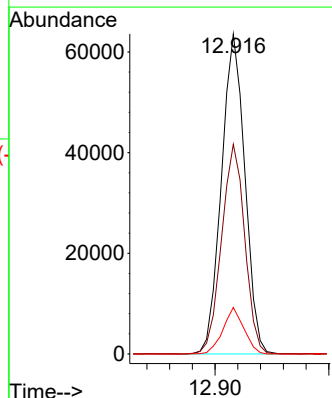
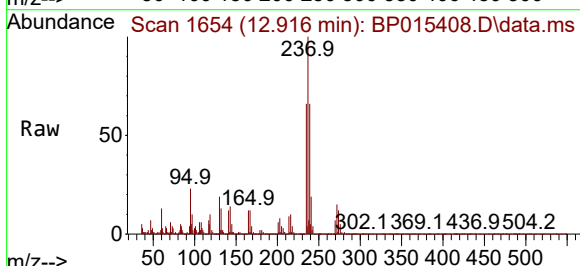
Instrument :
 BNA_P
 ClientSampleId :
 EW990MS

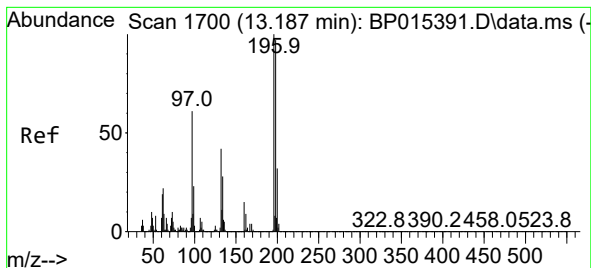
Tgt Ion:	216	Resp:	323298
Ion	Ratio	Lower	Upper
216	100		
214	77.6	62.2	93.2
179	21.2	17.4	26.2
108	17.2	14.2	21.4



#40
 Hexachlorocyclopentadiene
 Concen: 12.224 ng/ul
 RT: 12.916 min Scan# 1654
 Delta R.T. -0.006 min
 Lab File: BP015408.D
 Acq: 07 Jun 2023 20:22

Tgt Ion:	237	Resp:	91086
Ion	Ratio	Lower	Upper
237	100		
235	65.5	48.2	72.2
272	14.5	10.3	15.5





#41

2,4,6-Trichlorophenol

Concen: 18.963 ng/ul

RT: 13.181 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP015408.D

Acq: 07 Jun 2023 20:22

Instrument :

BNA_P

ClientSampleId :

EW990MS

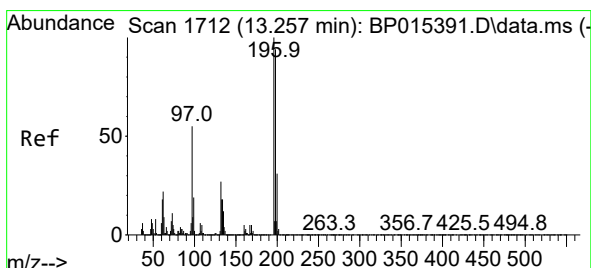
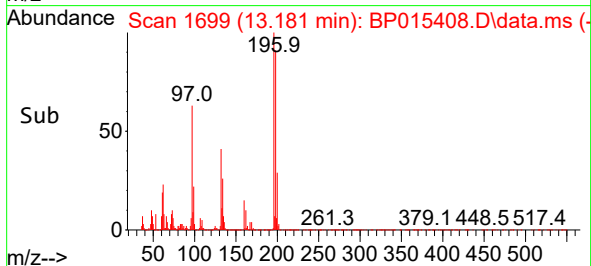
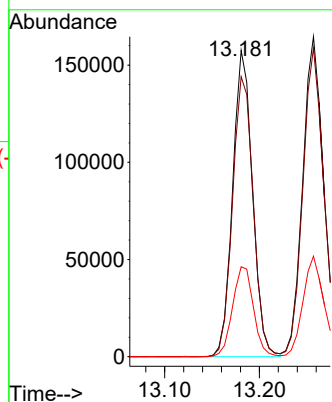
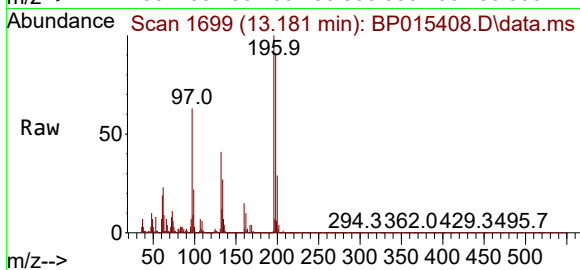
Tgt Ion:196 Resp: 229438

Ion Ratio Lower Upper

196 100

198 91.5 77.8 116.6

200 29.4 25.8 38.6



#42

2,4,5-Trichlorophenol

Concen: 19.012 ng/ul

RT: 13.257 min Scan# 1712

Delta R.T. -0.000 min

Lab File: BP015408.D

Acq: 07 Jun 2023 20:22

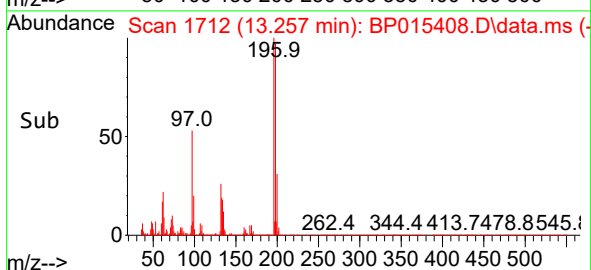
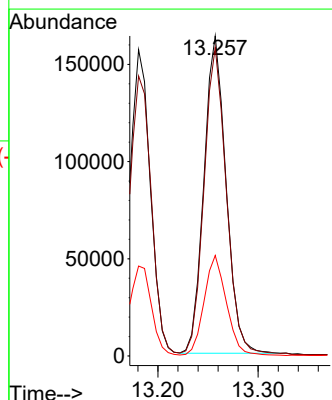
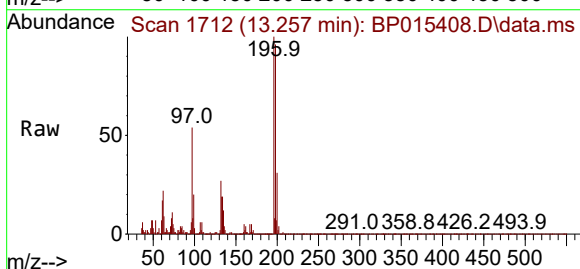
Tgt Ion:196 Resp: 250662

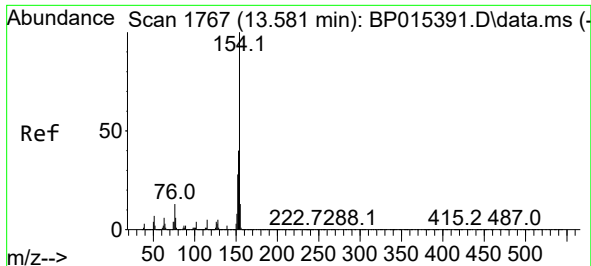
Ion Ratio Lower Upper

196 100

198 96.5 75.5 113.3

200 31.4 24.7 37.1

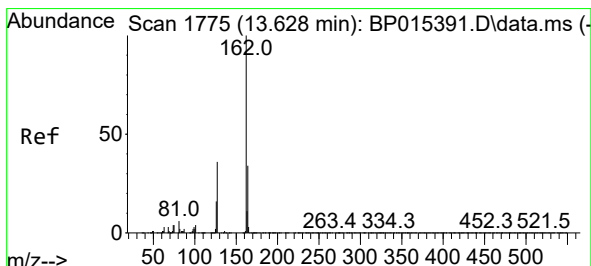
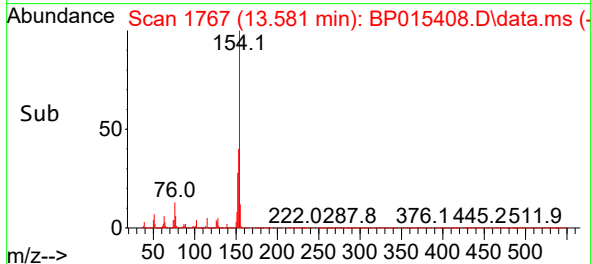
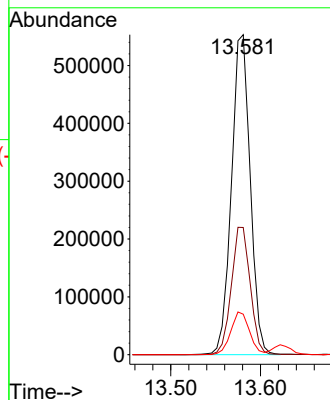
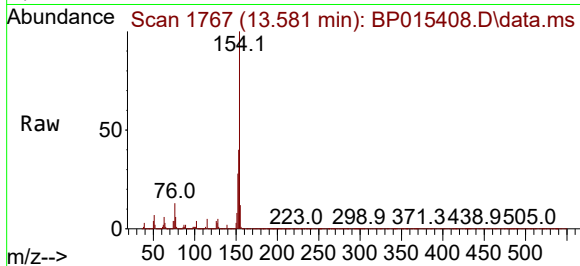




#43
1,1'-Biphenyl
Concen: 17.791 ng/ul
RT: 13.581 min Scan# 1767
Delta R.T. -0.000 min
Lab File: BP015408.D
Acq: 07 Jun 2023 20:22

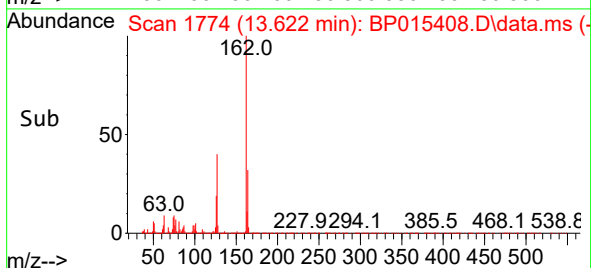
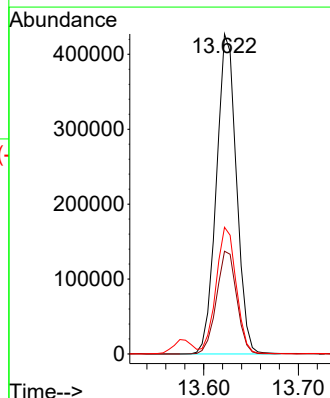
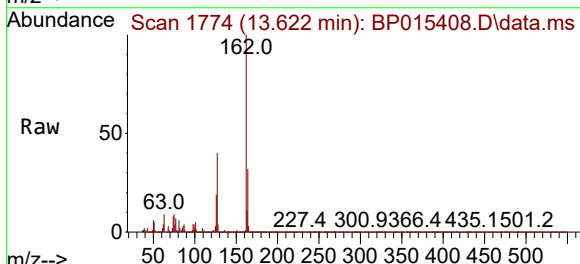
Instrument :
BNA_P
ClientSampleId :
EW990MS

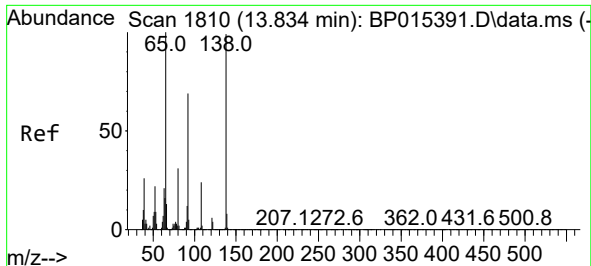
Tgt Ion:154 Resp: 803210
Ion Ratio Lower Upper
154 100
153 39.7 32.2 48.2
76 12.6 10.4 15.6



#44
2-Chloronaphthalene
Concen: 17.726 ng/ul
RT: 13.622 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BP015408.D
Acq: 07 Jun 2023 20:22

Tgt Ion:162 Resp: 627880
Ion Ratio Lower Upper
162 100
164 32.1 27.0 40.6
127 39.6 32.2 48.4

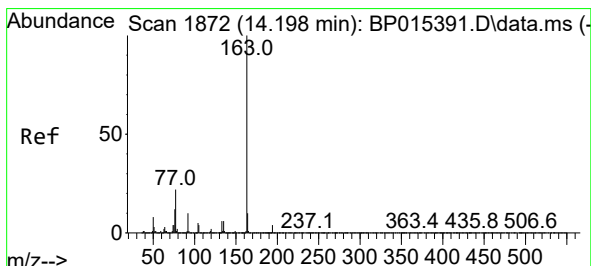
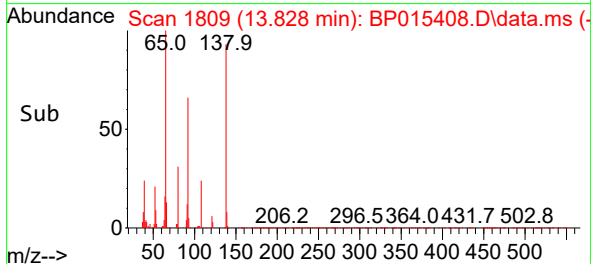
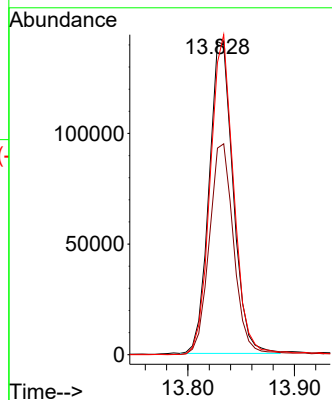
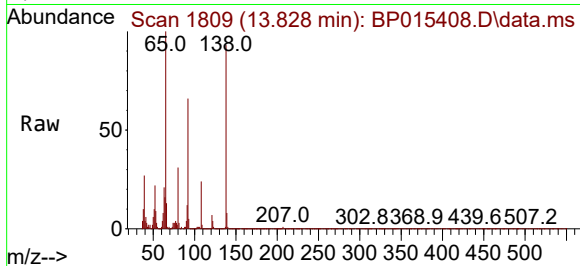




#45
2-Nitroaniline
Concen: 19.491 ng/ul
RT: 13.828 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BP015408.D
Acq: 07 Jun 2023 20:22

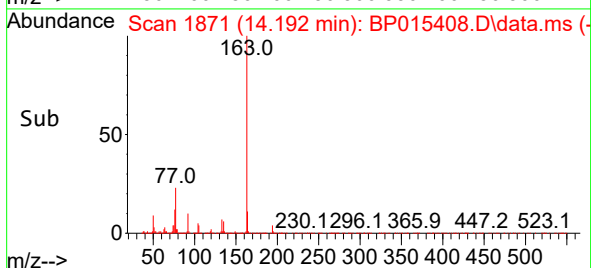
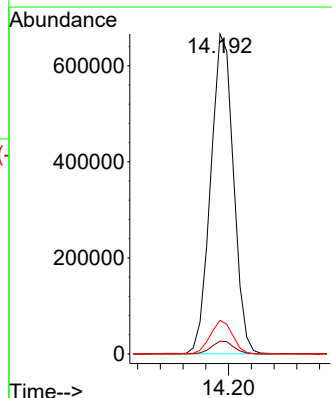
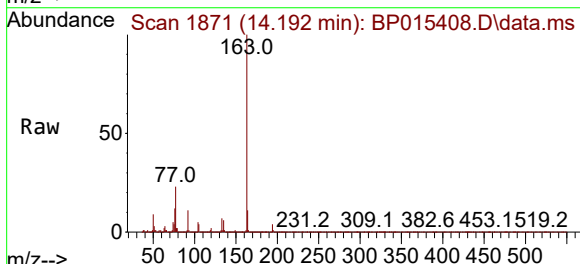
Instrument :
BNA_P
ClientSampleId :
EW990MS

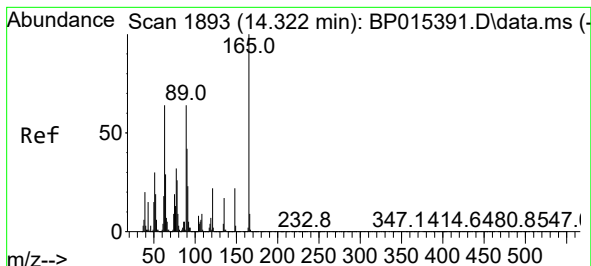
Tgt Ion: 65 Resp: 220951
Ion Ratio Lower Upper
65 100
92 66.0 55.4 83.2
138 93.4 78.8 118.2



#47
Dimethylphthalate
Concen: 19.513 ng/ul
RT: 14.192 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BP015408.D
Acq: 07 Jun 2023 20:22

Tgt Ion:163 Resp: 927473
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.5 8.2 12.2





#48

2,6-Dinitrotoluene

Concen: 20.206 ng/ul

RT: 14.322 min Scan# 1893

Delta R.T. -0.000 min

Lab File: BP015408.D

Acq: 07 Jun 2023 20:22

Instrument :

BNA_P

ClientSampleId :

EW990MS

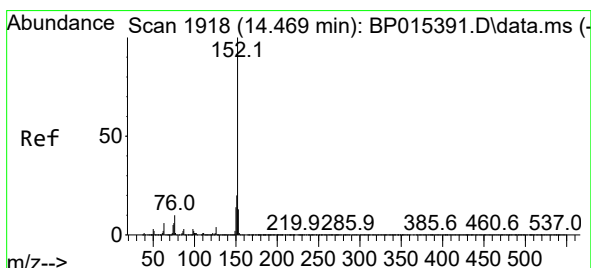
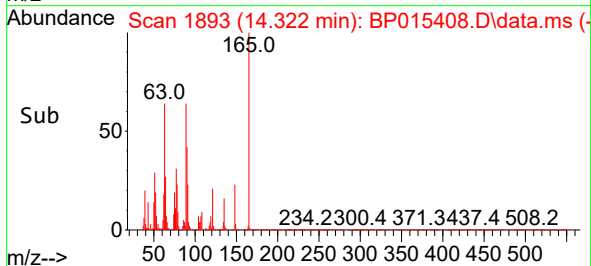
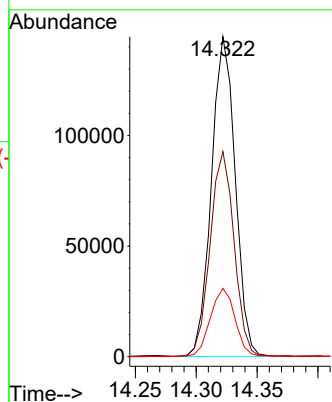
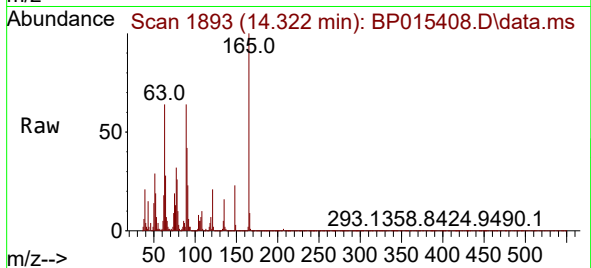
Tgt Ion:165 Resp: 196767

Ion Ratio Lower Upper

165 100

89 64.1 51.5 77.3

121 21.4 17.3 25.9



#50

Acenaphthylene

Concen: 18.051 ng/ul

RT: 14.469 min Scan# 1918

Delta R.T. -0.000 min

Lab File: BP015408.D

Acq: 07 Jun 2023 20:22

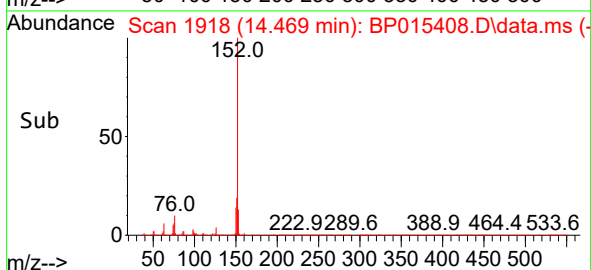
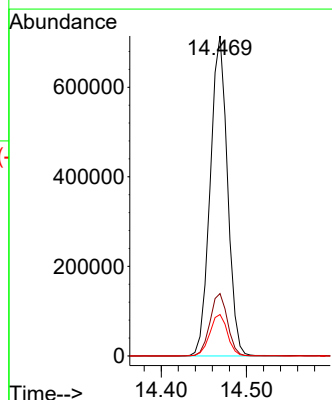
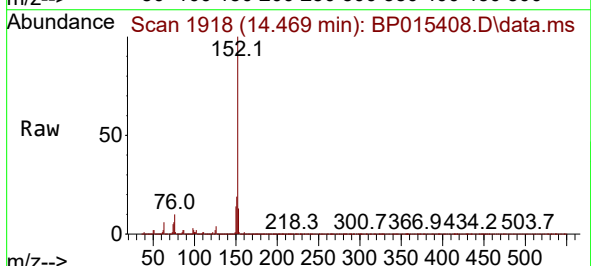
Tgt Ion:152 Resp: 1006226

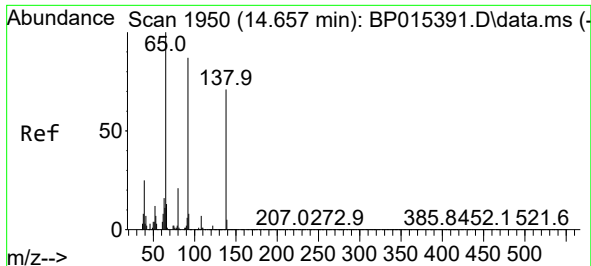
Ion Ratio Lower Upper

152 100

151 19.5 16.0 24.0

153 13.0 10.6 15.8

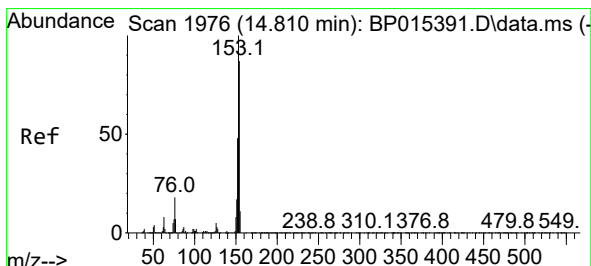
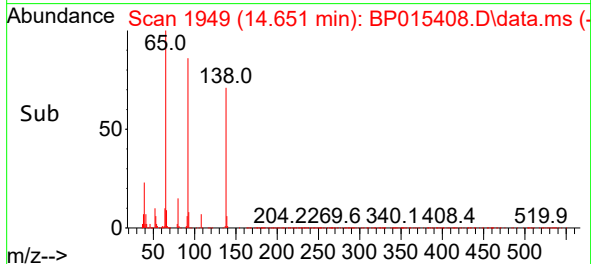
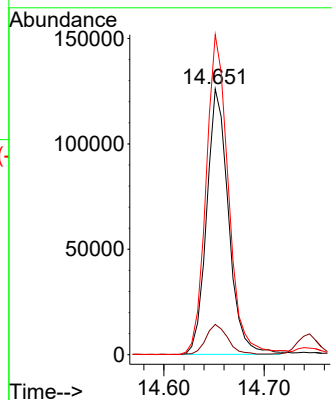
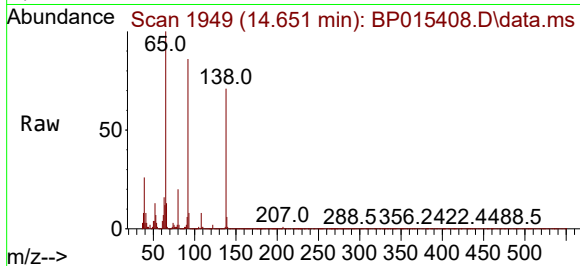




#51
3-Nitroaniline
Concen: 23.749 ng/ul
RT: 14.651 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP015408.D
Acq: 07 Jun 2023 20:22

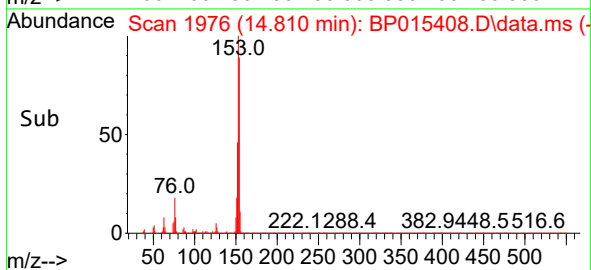
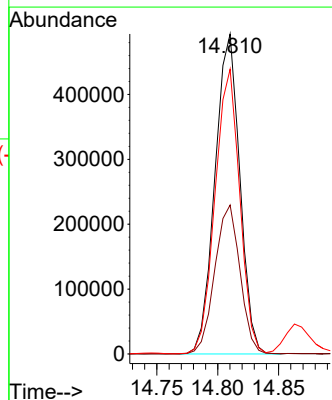
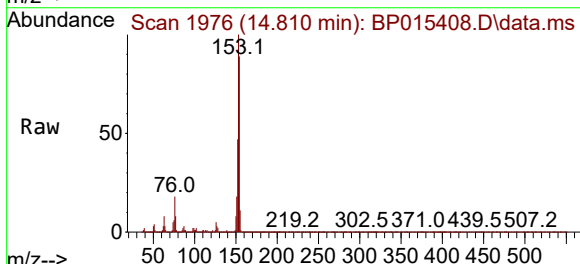
Instrument :
BNA_P
ClientSampleId :
EW990MS

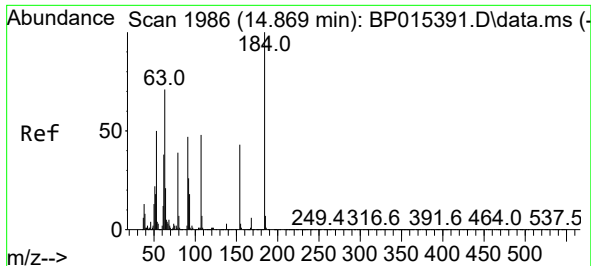
Tgt Ion:138 Resp: 190910
Ion Ratio Lower Upper
138 100
108 11.4 8.4 12.6
92 120.4 98.0 147.0



#52
Acenaphthene
Concen: 18.144 ng/ul
RT: 14.810 min Scan# 1976
Delta R.T. -0.000 min
Lab File: BP015408.D
Acq: 07 Jun 2023 20:22

Tgt Ion:153 Resp: 699144
Ion Ratio Lower Upper
153 100
152 46.5 38.3 57.5
154 89.0 69.8 104.6

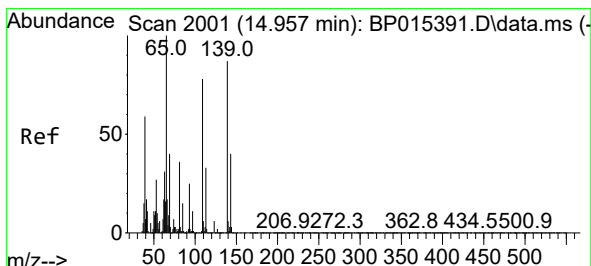
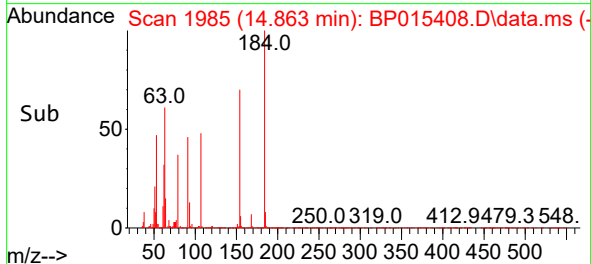
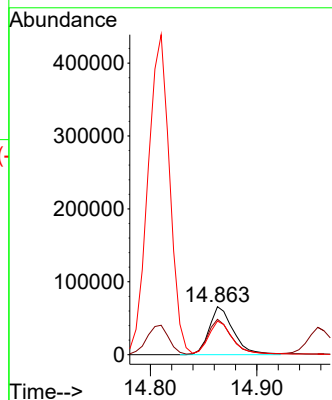
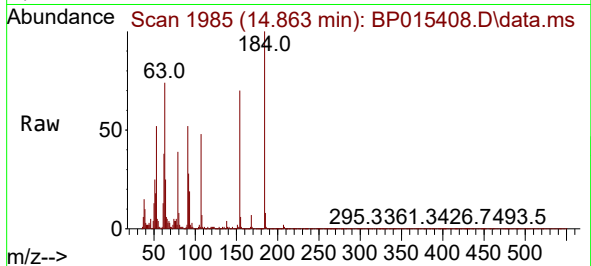




#53
2,4-Dinitrophenol
Concen: 17.720 ng/ul
RT: 14.863 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BP015408.D
Acq: 07 Jun 2023 20:22

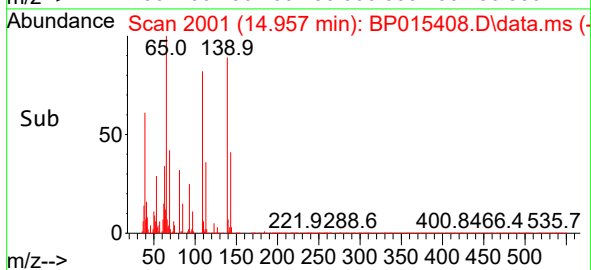
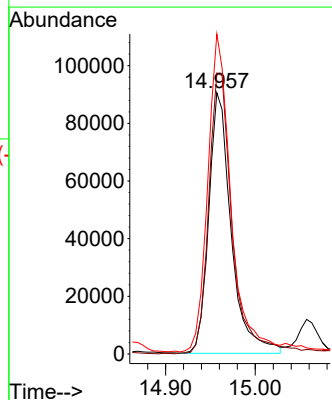
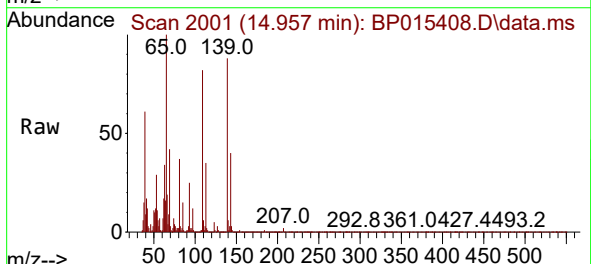
Instrument :
BNA_P
ClientSampleId :
EW990MS

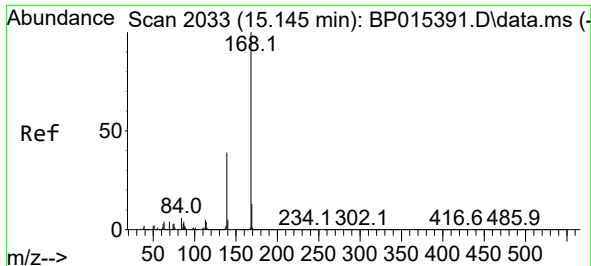
Tgt Ion:184 Resp: 103801
Ion Ratio Lower Upper
184 100
63 73.6 59.0 88.4
154 70.1 57.6 86.4



#55
4-Nitrophenol
Concen: 19.792 ng/ul
RT: 14.957 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BP015408.D
Acq: 07 Jun 2023 20:22

Tgt Ion:109 Resp: 157379
Ion Ratio Lower Upper
109 100
139 107.5 89.1 133.7
65 122.4 103.1 154.7

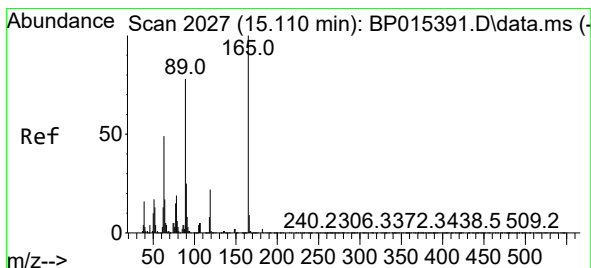
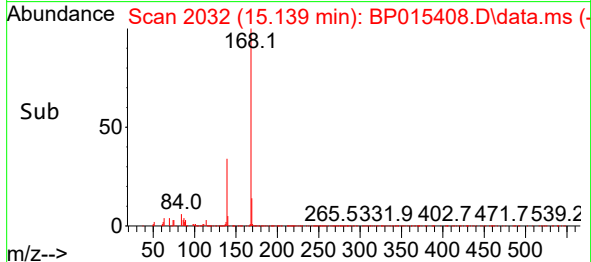
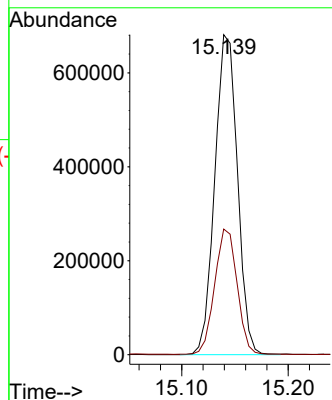
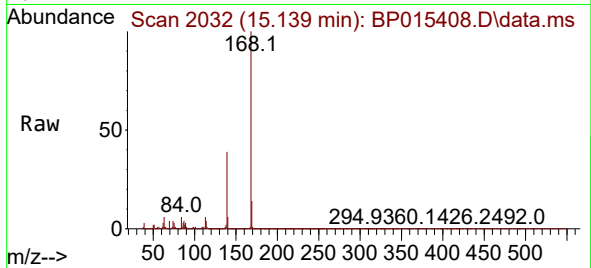




#56
Dibenzofuran
Concen: 18.414 ng/ul
RT: 15.139 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BP015408.D
Acq: 07 Jun 2023 20:22

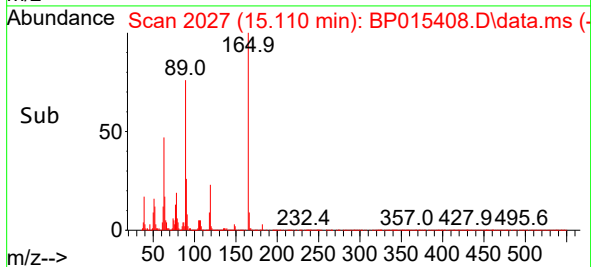
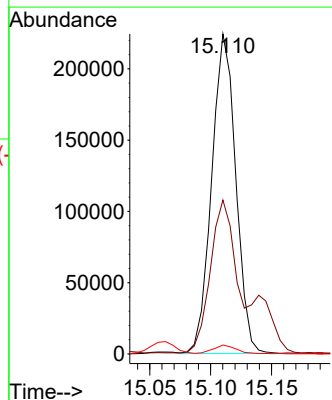
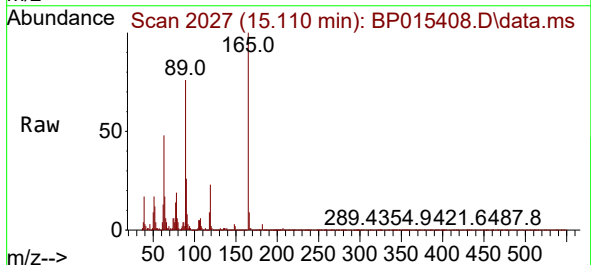
Instrument :
BNA_P
ClientSampleId :
EW990MS

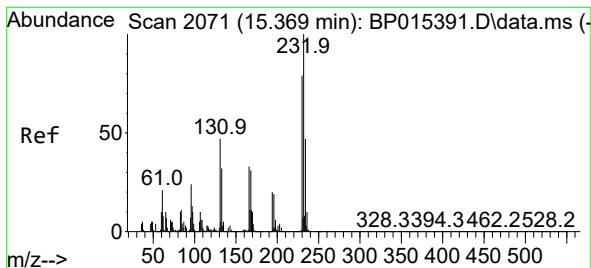
Tgt Ion:168 Resp: 1005659
Ion Ratio Lower Upper
168 100
139 39.2 31.2 46.8



#57
2,4-Dinitrotoluene
Concen: 21.527 ng/ul
RT: 15.110 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BP015408.D
Acq: 07 Jun 2023 20:22

Tgt Ion:165 Resp: 308321
Ion Ratio Lower Upper
165 100
63 48.1 39.1 58.7
182 2.8 2.2 3.4

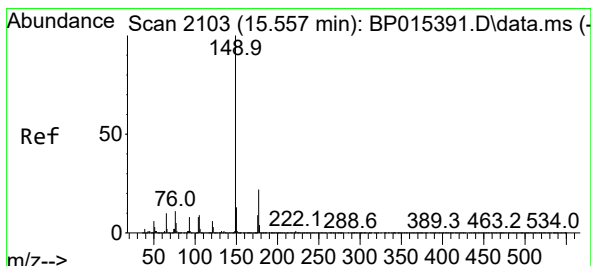
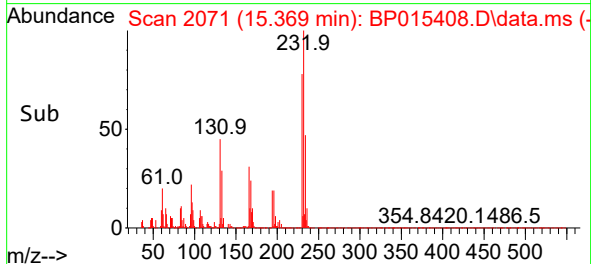
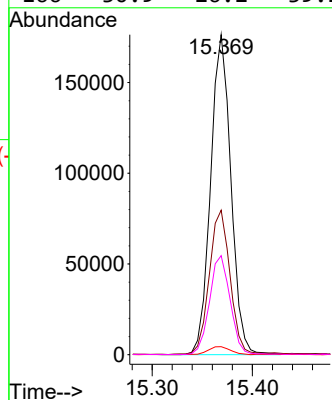
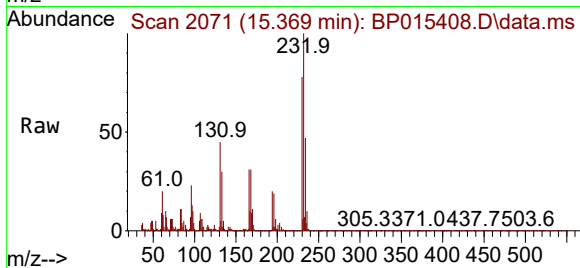




#58
2,3,4,6-Tetrachlorophenol
Concen: 20.905 ng/ul
RT: 15.369 min Scan# 2071
Delta R.T. -0.000 min
Lab File: BP015408.D
Acq: 07 Jun 2023 20:22

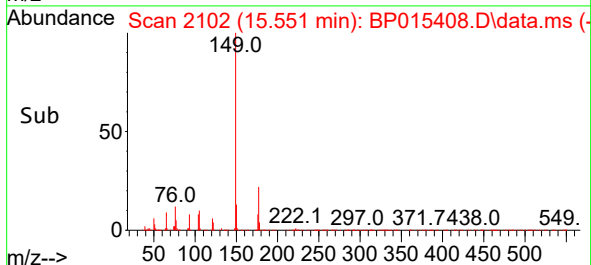
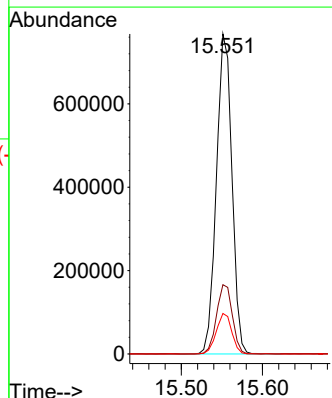
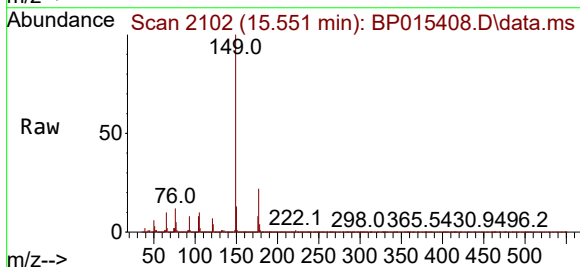
Instrument :
BNA_P
ClientSampleId :
EW990MS

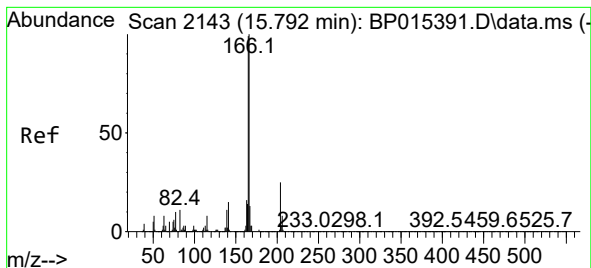
Tgt Ion:232	Resp: 248857
Ion Ratio	Lower Upper
232 100	
131 45.2	37.8 56.8
130 2.5	1.9 2.9
166 30.9	26.2 39.2



#59
Diethylphthalate
Concen: 20.912 ng/ul
RT: 15.551 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BP015408.D
Acq: 07 Jun 2023 20:22

Tgt Ion:149	Resp: 1018680
Ion Ratio	Lower Upper
149 100	
177 21.7	17.8 26.8
150 12.6	10.1 15.1





#61

Fluorene

Concen: 18.926 ng/ul

RT: 15.792 min Scan# 2143

Delta R.T. -0.000 min

Lab File: BP015408.D

Acq: 07 Jun 2023 20:22

Instrument :

BNA_P

ClientSampleId :

EW990MS

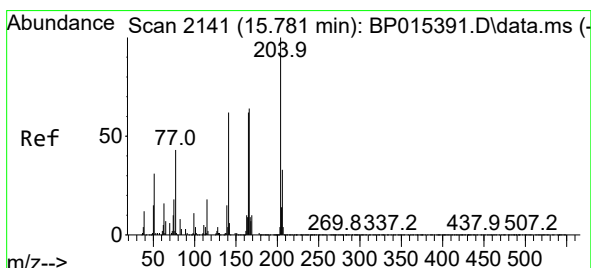
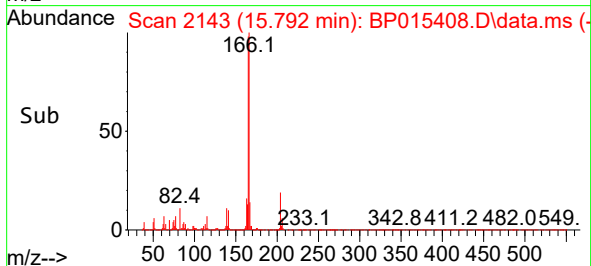
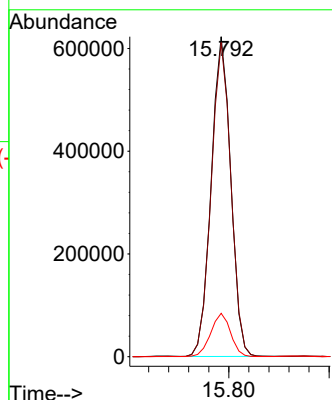
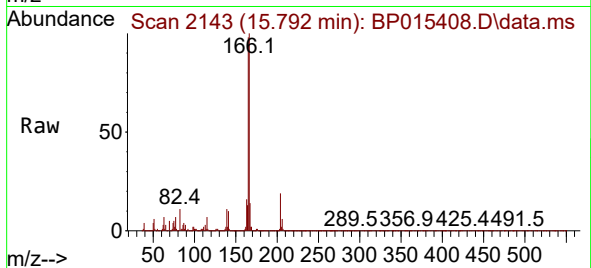
Tgt Ion:166 Resp: 842605

Ion Ratio Lower Upper

166 100

165 98.2 79.1 118.7

167 13.5 10.6 16.0



#62

4-Chlorophenyl-phenylether

Concen: 19.082 ng/ul

RT: 15.781 min Scan# 2141

Delta R.T. -0.000 min

Lab File: BP015408.D

Acq: 07 Jun 2023 20:22

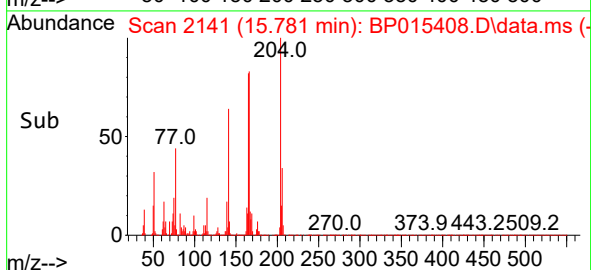
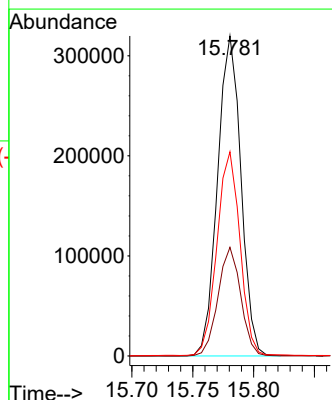
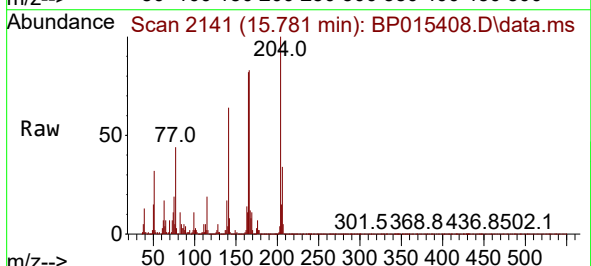
Tgt Ion:204 Resp: 428153

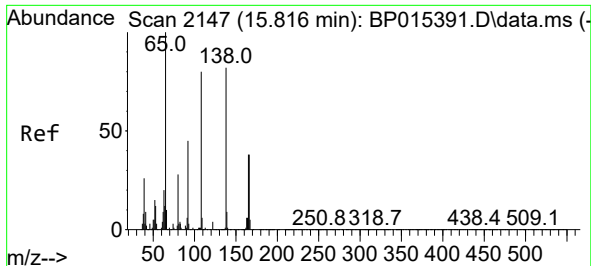
Ion Ratio Lower Upper

204 100

206 34.0 26.6 40.0

141 63.8 49.8 74.8

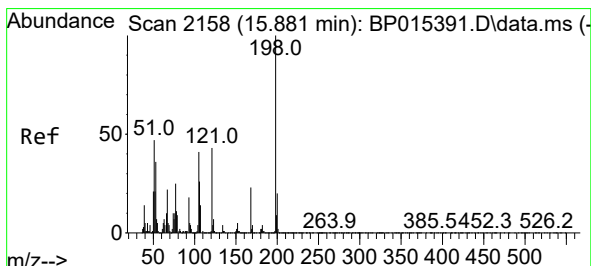
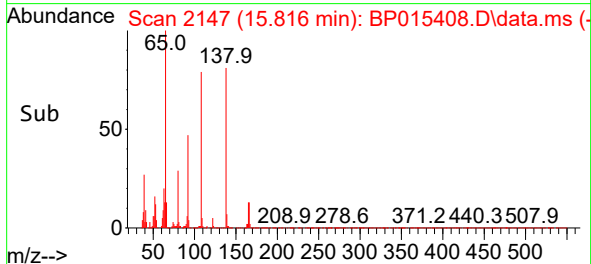
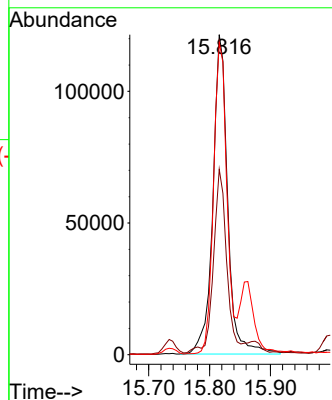
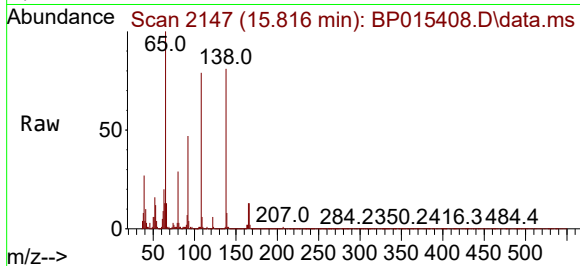




#63
4-Nitroaniline
Concen: 26.900 ng/ul
RT: 15.816 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BP015408.D
Acq: 07 Jun 2023 20:22

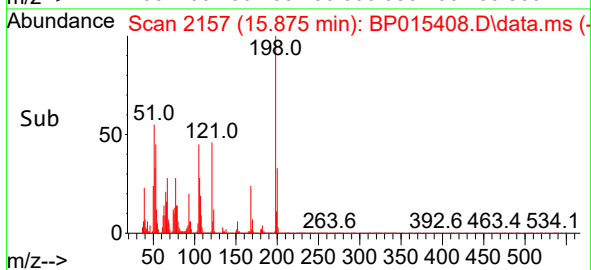
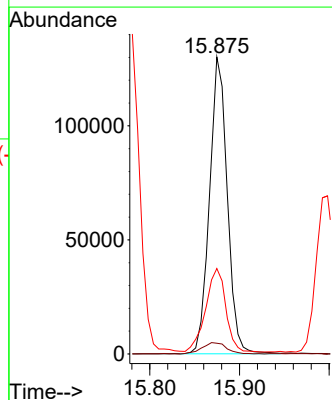
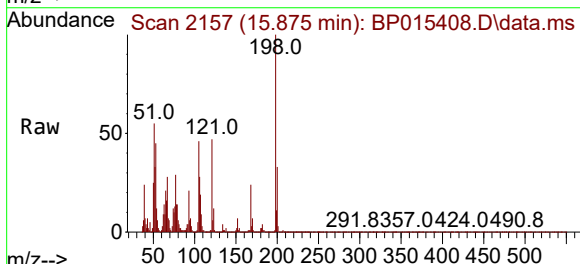
Instrument :
BNA_P
ClientSampleId :
EW990MS

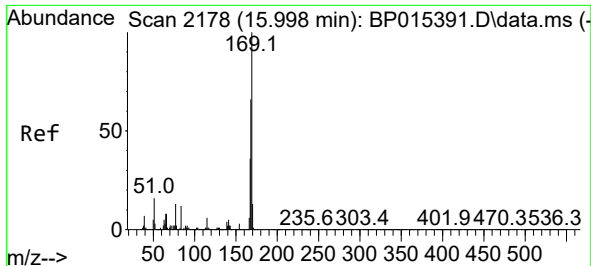
Tgt Ion:138 Resp: 205116
Ion Ratio Lower Upper
138 100
92 57.9 44.6 67.0
108 97.6 78.4 117.6



#66
4,6-Dinitro-2-methylphenol
Concen: 20.621 ng/ul
RT: 15.875 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BP015408.D
Acq: 07 Jun 2023 20:22

Tgt Ion:198 Resp: 178939
Ion Ratio Lower Upper
198 100
182 3.6 3.0 4.4
77 28.8 20.5 30.7

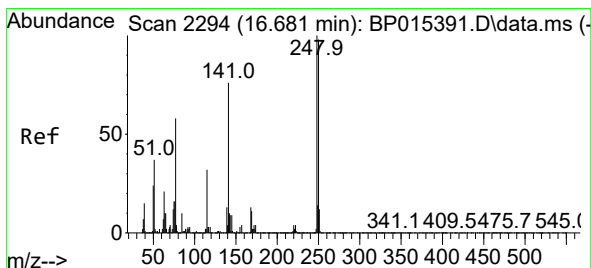
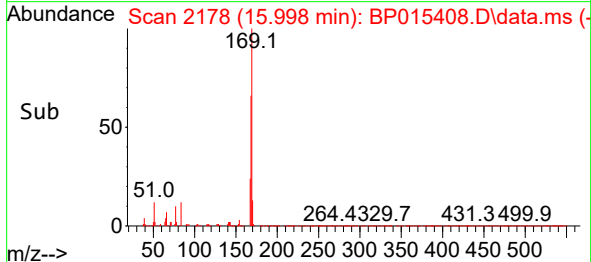
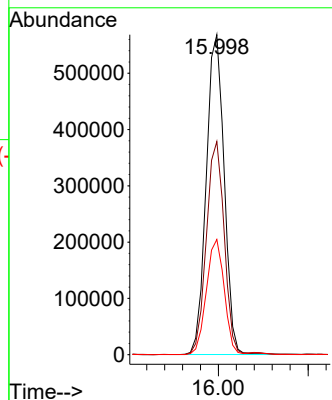
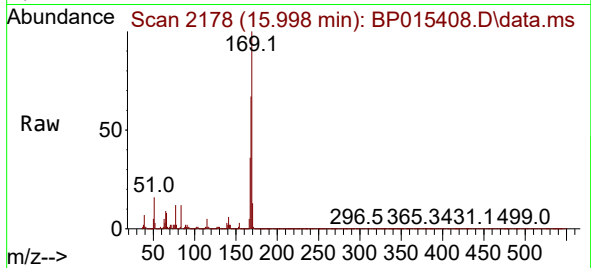




#67
N-Nitrosodiphenylamine
Concen: 20.651 ng/ul
RT: 15.998 min Scan# 2178
Delta R.T. -0.000 min
Lab File: BP015408.D
Acq: 07 Jun 2023 20:22

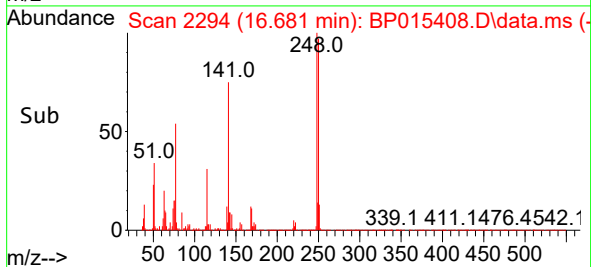
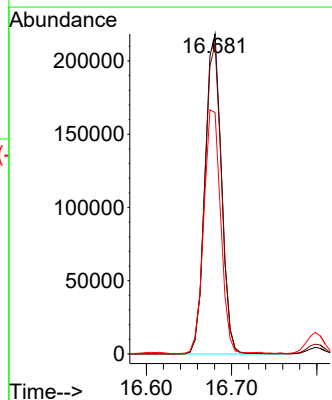
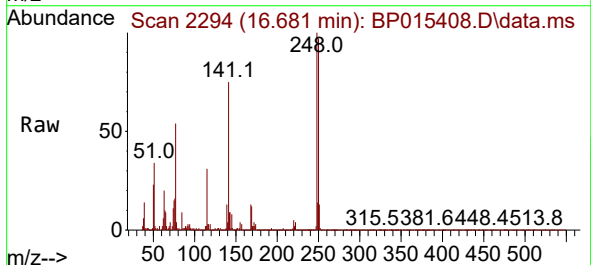
Instrument :
BNA_P
ClientSampleId :
EW990MS

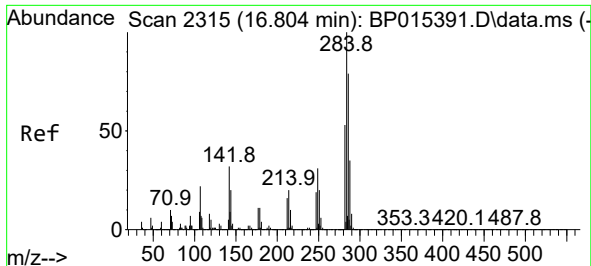
Tgt Ion:169 Resp: 786832
Ion Ratio Lower Upper
169 100
168 66.6 53.0 79.4
167 36.0 28.9 43.3



#68
4-Bromophenyl-phenylether
Concen: 20.385 ng/ul
RT: 16.681 min Scan# 2294
Delta R.T. -0.000 min
Lab File: BP015408.D
Acq: 07 Jun 2023 20:22

Tgt Ion:248 Resp: 292900
Ion Ratio Lower Upper
248 100
250 96.7 78.3 117.5
141 75.5 61.1 91.7

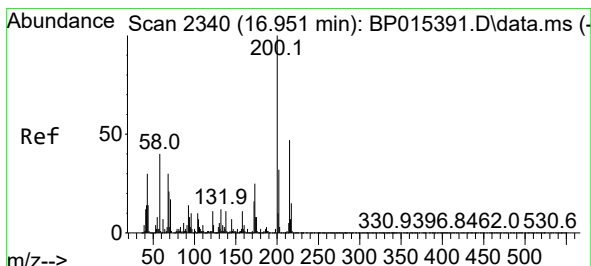
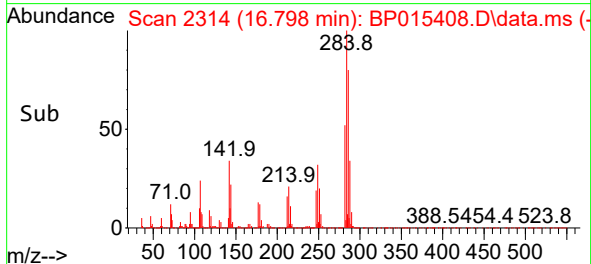
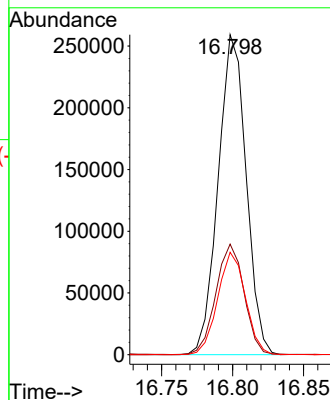
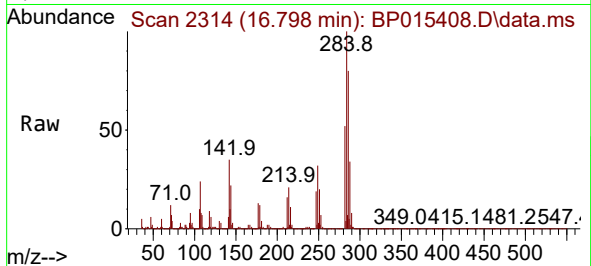




#69
Hexachlorobenzene
Concen: 20.969 ng/ul
RT: 16.798 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP015408.D
Acq: 07 Jun 2023 20:22

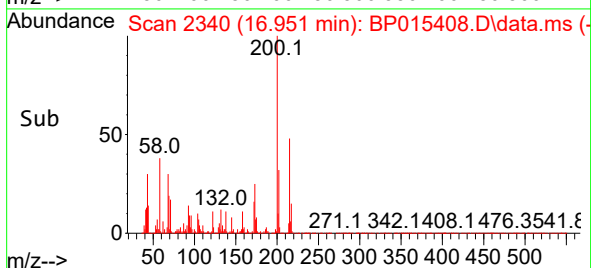
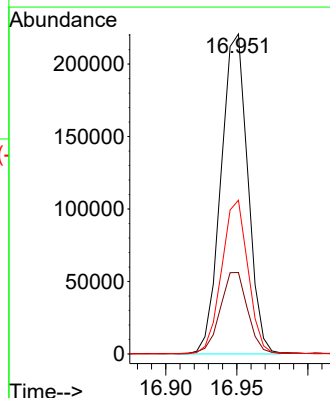
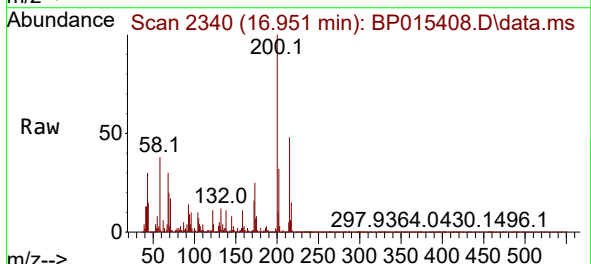
Instrument :
BNA_P
ClientSampleId :
EW990MS

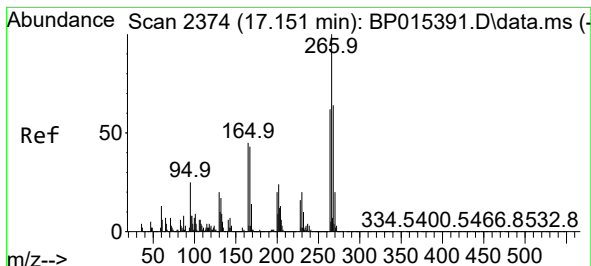
Tgt Ion:284 Resp: 355406
Ion Ratio Lower Upper
284 100
142 34.5 25.4 38.2
249 32.0 24.8 37.2



#70
Atrazine
Concen: 19.067 ng/ul
RT: 16.951 min Scan# 2340
Delta R.T. -0.000 min
Lab File: BP015408.D
Acq: 07 Jun 2023 20:22

Tgt Ion:200 Resp: 290108
Ion Ratio Lower Upper
200 100
173 25.5 19.8 29.6
215 48.1 37.4 56.0





#71

Pentachlorophenol

Concen: 20.896 ng/ul

RT: 17.145 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015408.D

Acq: 07 Jun 2023 20:22

Instrument :

BNA_P

ClientSampleId :

EW990MS

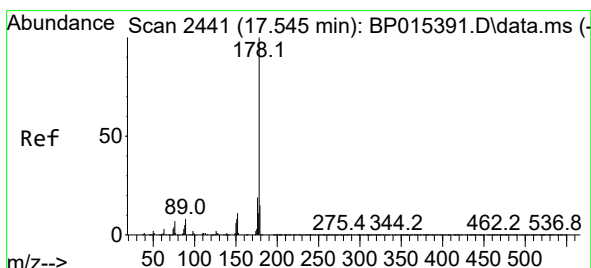
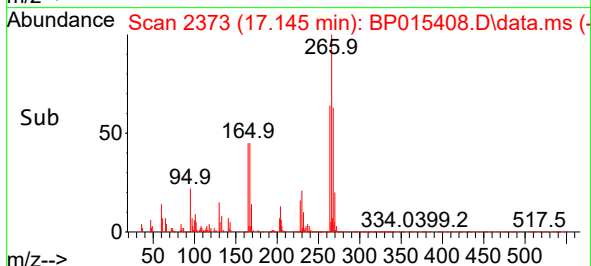
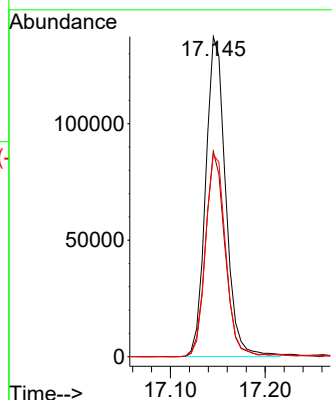
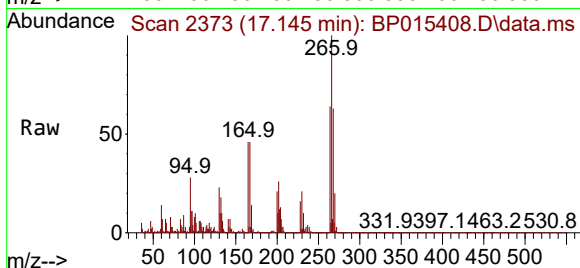
Tgt Ion:266 Resp: 200176

Ion Ratio Lower Upper

266 100

264 64.2 49.6 74.4

268 63.2 51.0 76.6



#72

Phenanthrene

Concen: 20.920 ng/ul

RT: 17.545 min Scan# 2441

Delta R.T. -0.000 min

Lab File: BP015408.D

Acq: 07 Jun 2023 20:22

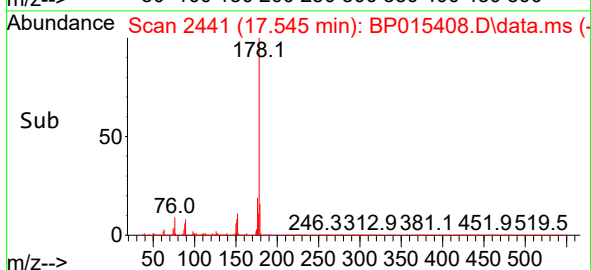
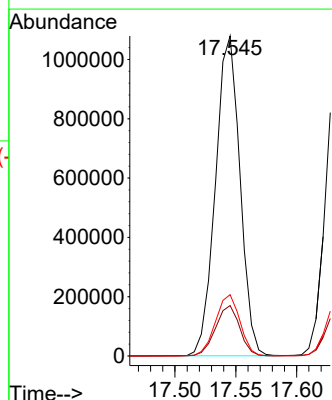
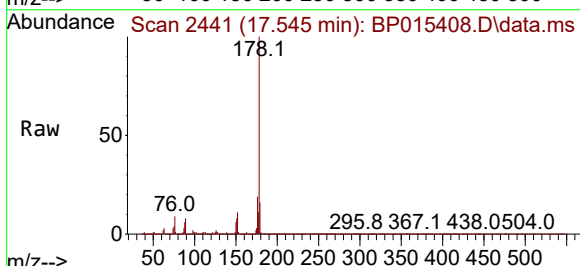
Tgt Ion:178 Resp: 1507776

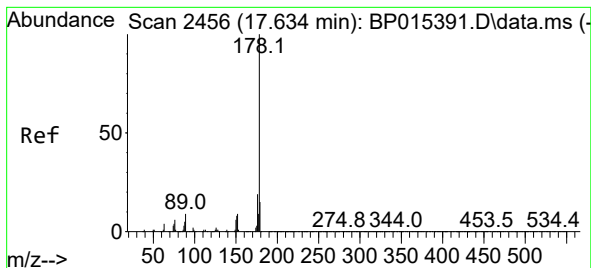
Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

176 19.1 15.4 23.0





#74

Anthracene

Concen: 20.428 ng/uI

RT: 17.633 min Scan# 2456

Delta R.T. -0.000 min

Lab File: BP015408.D

Acq: 07 Jun 2023 20:22

Instrument :

BNA_P

ClientSampleId :

EW990MS

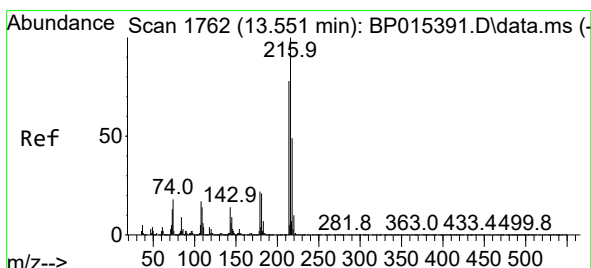
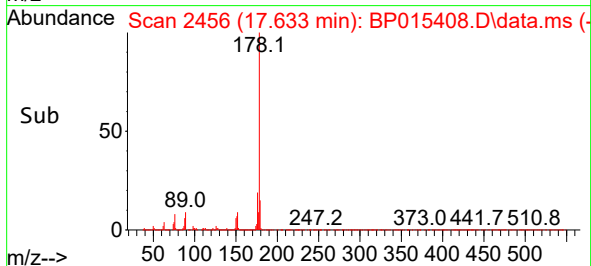
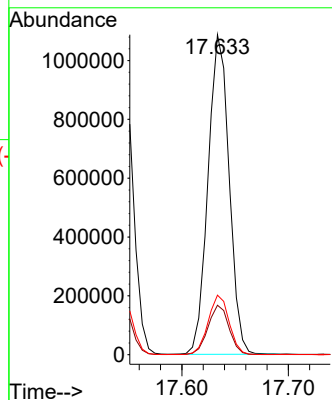
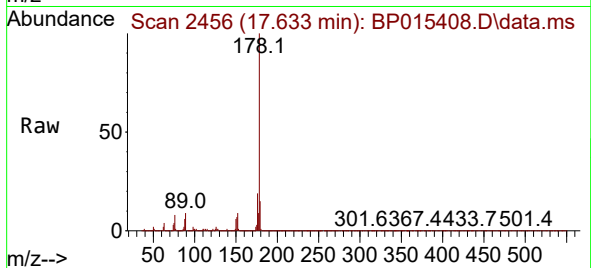
Tgt Ion:178 Resp: 1493828

Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

176 18.6 15.0 22.4



#75

1,2,3,4-Tetrachlorobenzene

Concen: 18.248 ng/uI

RT: 13.545 min Scan# 1761

Delta R.T. -0.006 min

Lab File: BP015408.D

Acq: 07 Jun 2023 20:22

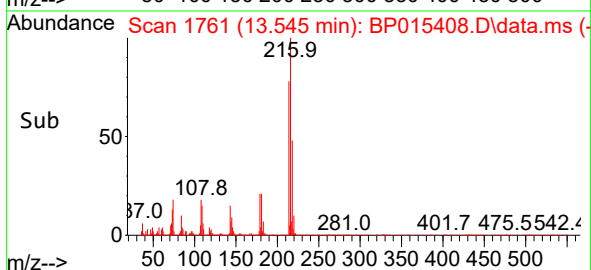
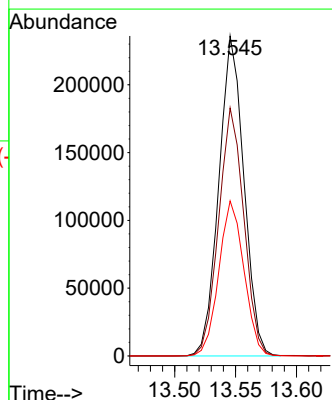
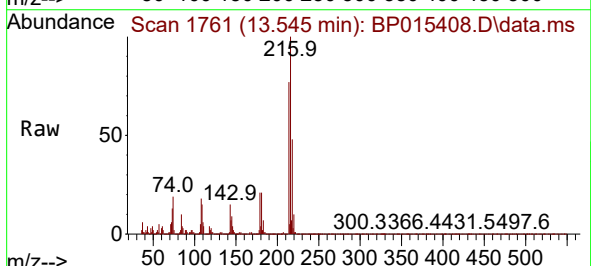
Tgt Ion:216 Resp: 338241

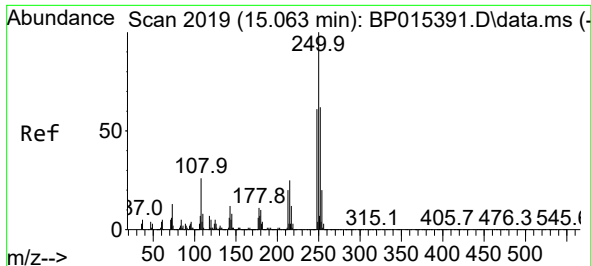
Ion Ratio Lower Upper

216 100

214 77.5 62.1 93.1

218 48.4 39.0 58.4

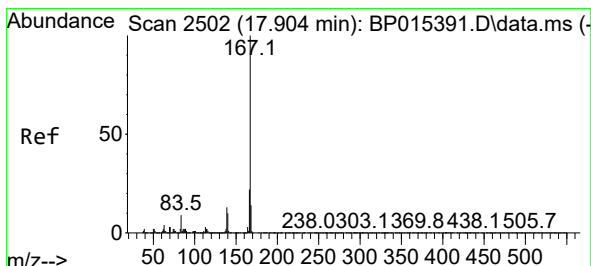
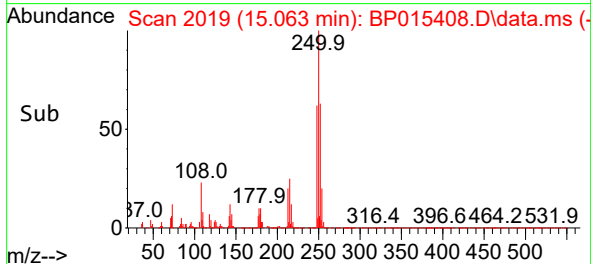
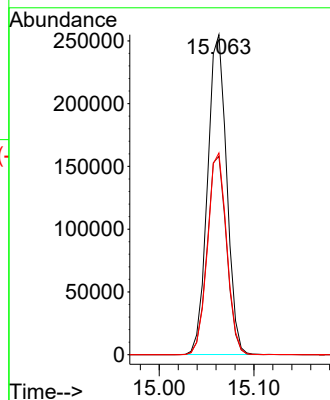
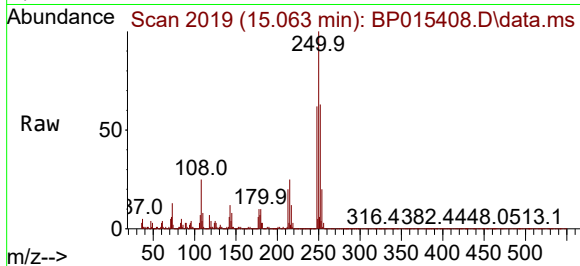




#76
Pentachlorobenzene
Concen: 18.427 ng/uL
RT: 15.063 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BP015408.D
Acq: 07 Jun 2023 20:22

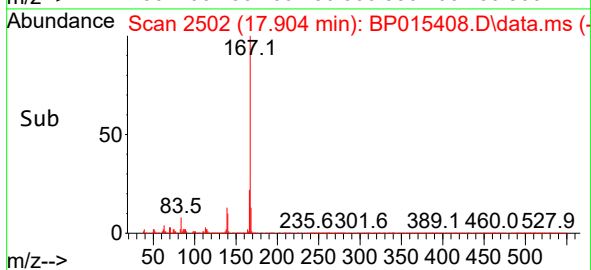
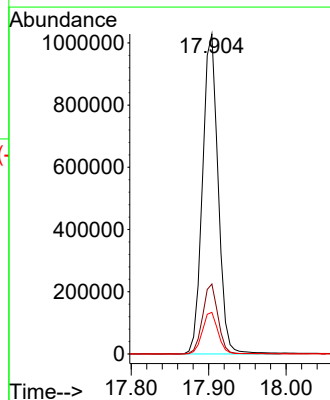
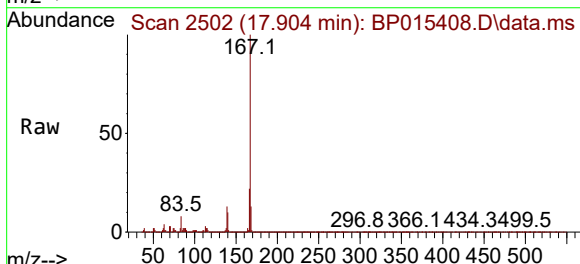
Instrument :
BNA_P
ClientSampleId :
EW990MS

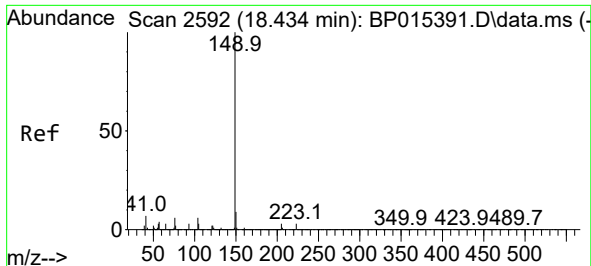
Tgt Ion:250 Resp: 357609
Ion Ratio Lower Upper
250 100
248 62.0 49.0 73.4
252 63.1 49.9 74.9



#77
Carbazole
Concen: 21.813 ng/uL
RT: 17.904 min Scan# 2502
Delta R.T. -0.000 min
Lab File: BP015408.D
Acq: 07 Jun 2023 20:22

Tgt Ion:167 Resp: 1436293
Ion Ratio Lower Upper
167 100
166 21.8 17.2 25.8
139 13.0 10.6 16.0

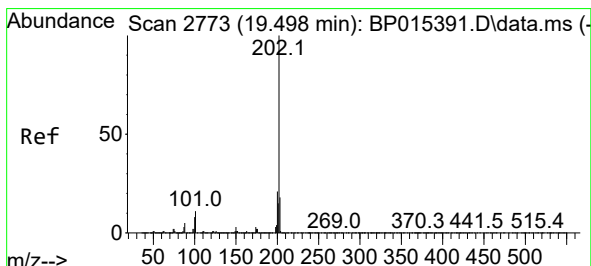
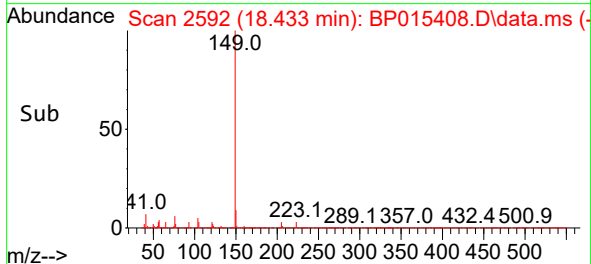
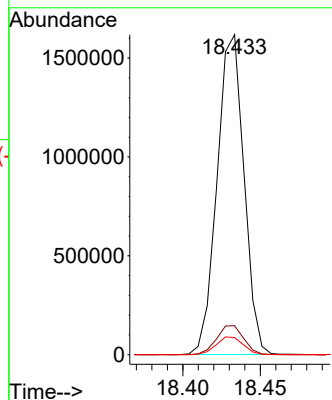
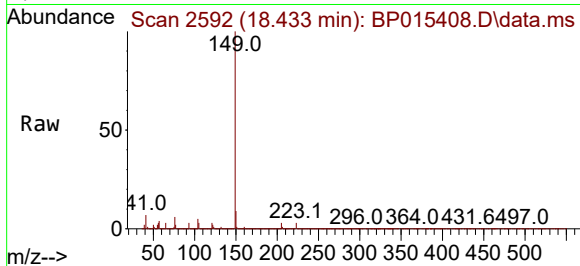




#78
Di-n-butylphthalate
Concen: 23.383 ng/ul
RT: 18.433 min Scan# 2592
Delta R.T. -0.000 min
Lab File: BP015408.D
Acq: 07 Jun 2023 20:22

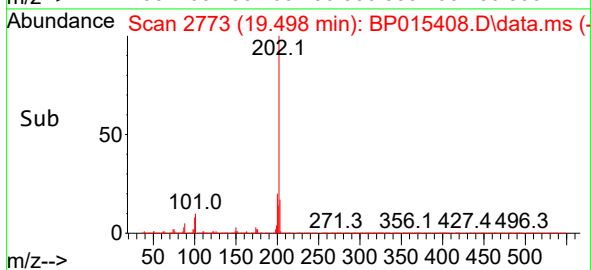
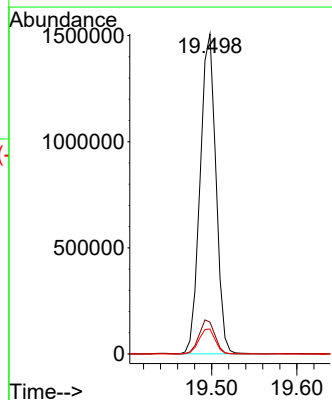
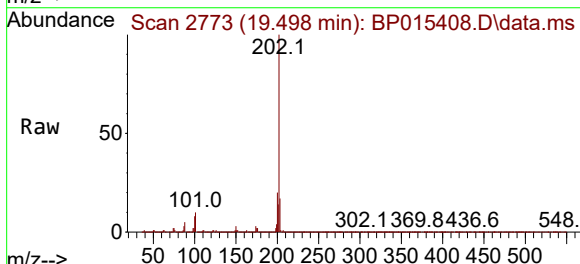
Instrument :
BNA_P
ClientSampleId :
EW990MS

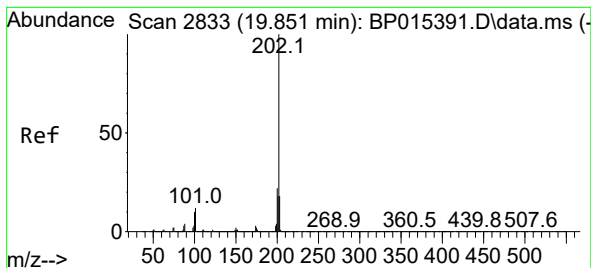
Tgt Ion:149 Resp: 1953486
Ion Ratio Lower Upper
149 100
150 9.1 7.1 10.7
104 5.3 4.5 6.7



#80
Fluoranthene
Concen: 23.335 ng/ul
RT: 19.498 min Scan# 2773
Delta R.T. -0.000 min
Lab File: BP015408.D
Acq: 07 Jun 2023 20:22

Tgt Ion:202 Resp: 1938811
Ion Ratio Lower Upper
202 100
101 10.0 8.6 13.0
100 7.8 6.6 9.8





#82

Pyrene

Concen: 23.074 ng/ul

RT: 19.851 min Scan# 2833

Delta R.T. -0.000 min

Lab File: BP015408.D

Acq: 07 Jun 2023 20:22

Instrument :

BNA_P

ClientSampleId :

EW990MS

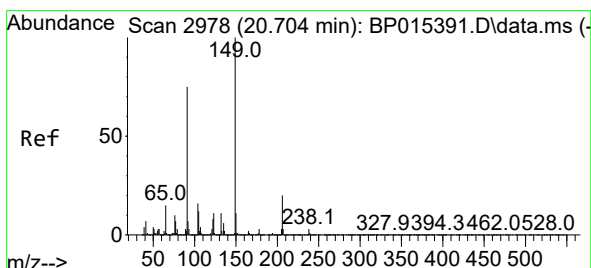
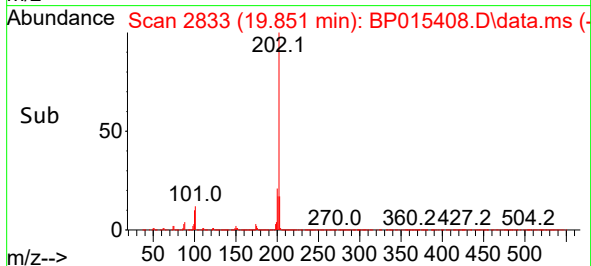
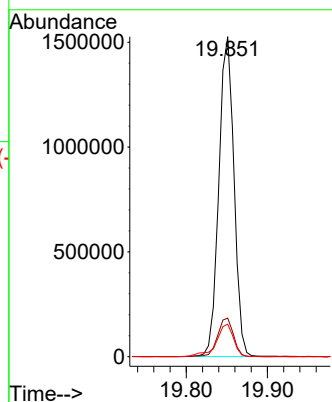
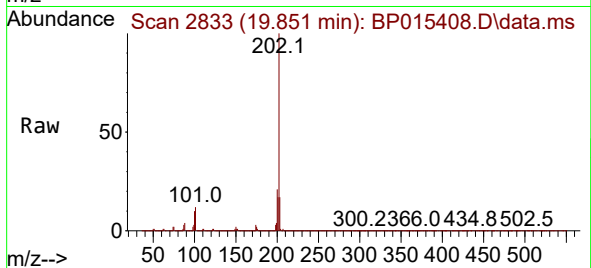
Tgt Ion:202 Resp: 1983413

Ion Ratio Lower Upper

202 100

101 12.0 9.9 14.9

100 10.1 8.4 12.6



#83

Butylbenzylphthalate

Concen: 25.167 ng/ul

RT: 20.704 min Scan# 2978

Delta R.T. -0.000 min

Lab File: BP015408.D

Acq: 07 Jun 2023 20:22

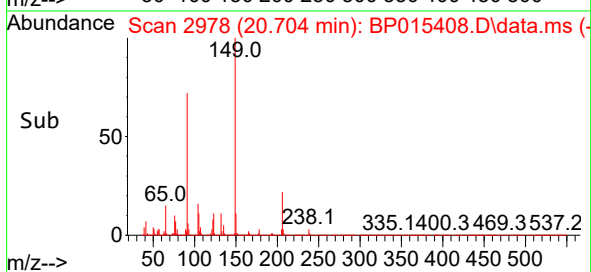
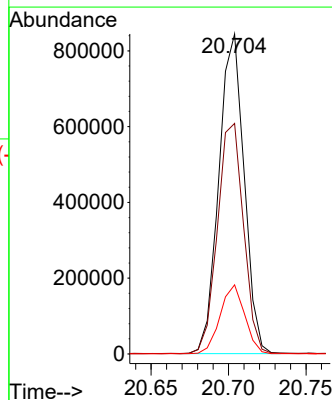
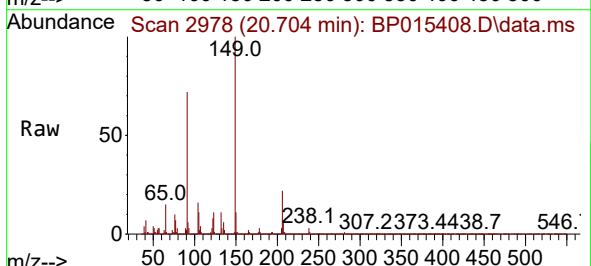
Tgt Ion:149 Resp: 956186

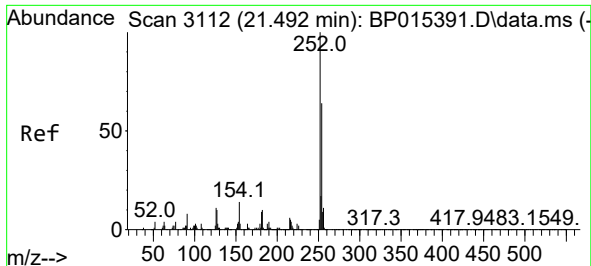
Ion Ratio Lower Upper

149 100

91 72.1 60.4 90.6

206 21.6 16.4 24.6

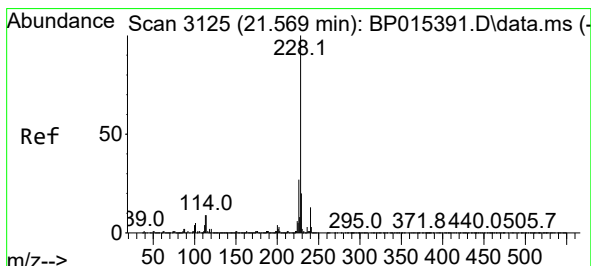
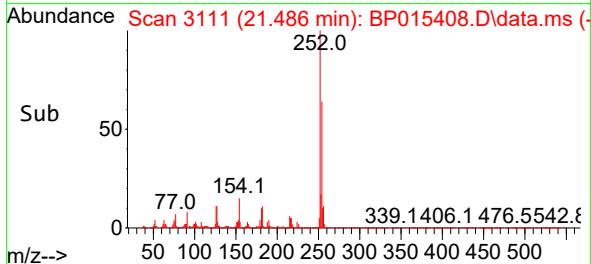
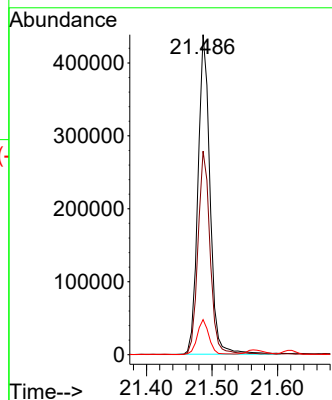
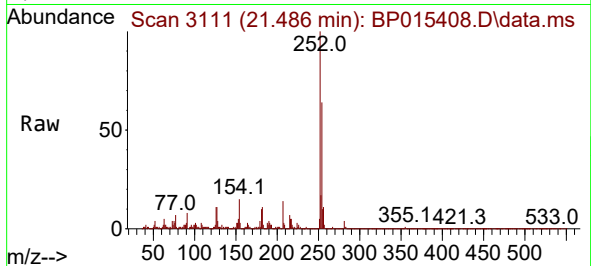




#84
3,3'-Dichlorobenzidine
Concen: 18.646 ng/ul
RT: 21.486 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP015408.D
Acq: 07 Jun 2023 20:22

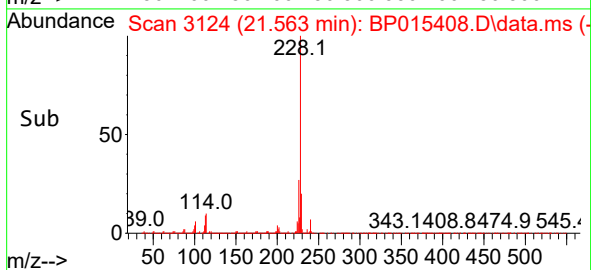
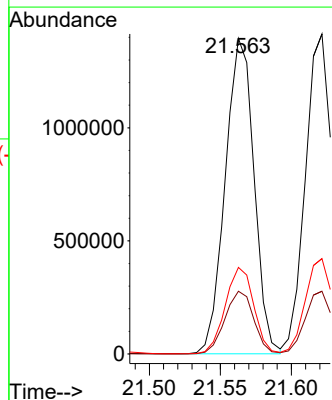
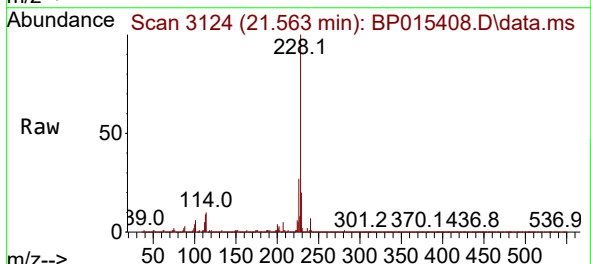
Instrument :
BNA_P
ClientSampleId :
EW990MS

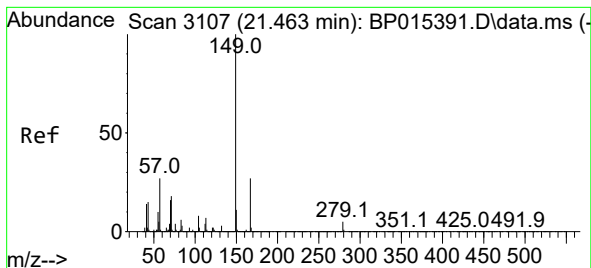
Tgt Ion:252 Resp: 561405
Ion Ratio Lower Upper
252 100
254 63.6 51.6 77.4
126 11.0 8.5 12.7



#85
Benzo(a)anthracene
Concen: 22.066 ng/ul
RT: 21.563 min Scan# 3124
Delta R.T. -0.006 min
Lab File: BP015408.D
Acq: 07 Jun 2023 20:22

Tgt Ion:228 Resp: 1965916
Ion Ratio Lower Upper
228 100
229 19.9 15.8 23.6
226 27.5 21.8 32.6





#86

Bis(2-ethylhexyl)phthalate

Concen: 25.293 ng/ul

RT: 21.457 min Scan# 3107

Delta R.T. -0.006 min

Lab File: BP015408.D

Acq: 07 Jun 2023 20:22

Instrument :

BNA_P

ClientSampleId :

EW990MS

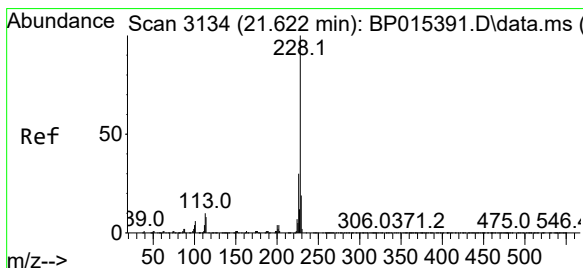
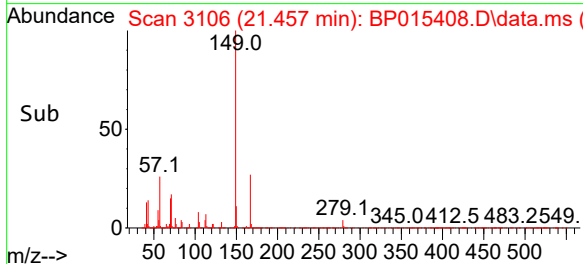
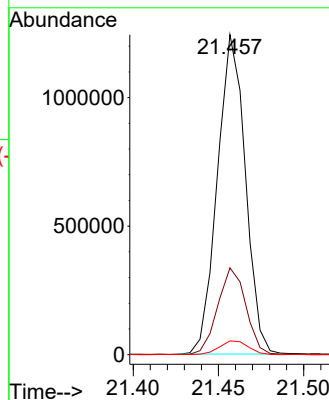
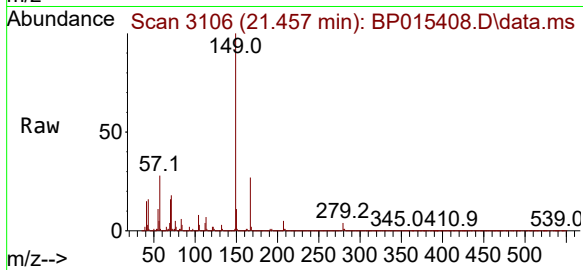
Tgt Ion:149 Resp: 1420365

Ion Ratio Lower Upper

149 100

167 27.2 21.8 32.8

279 4.3 3.7 5.5



#87

Chrysene

Concen: 22.154 ng/ul

RT: 21.621 min Scan# 3134

Delta R.T. -0.000 min

Lab File: BP015408.D

Acq: 07 Jun 2023 20:22

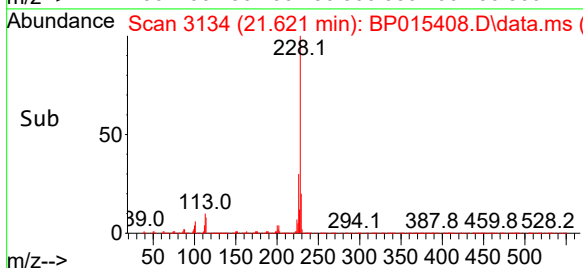
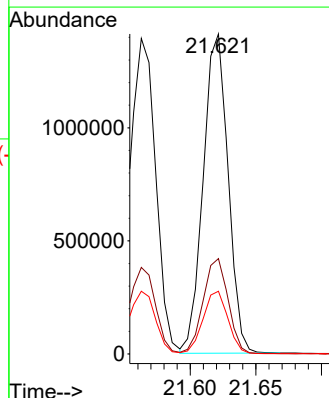
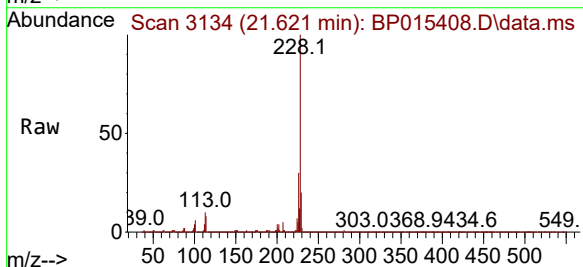
Tgt Ion:228 Resp: 1865657

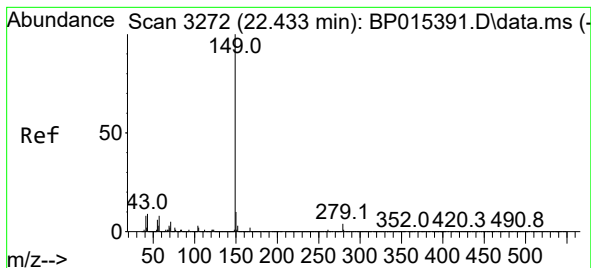
Ion Ratio Lower Upper

228 100

226 29.8 23.9 35.9

229 19.6 15.1 22.7





#89

Di-n-octyl phthalate

Concen: 26.256 ng/ul

RT: 22.427 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP015408.D

Acq: 07 Jun 2023 20:22

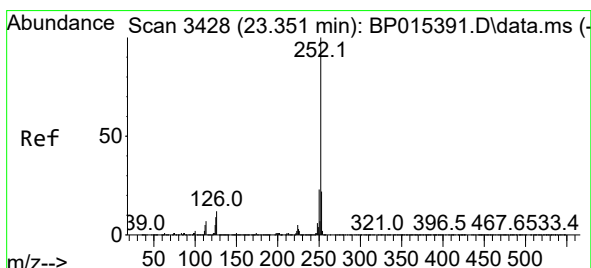
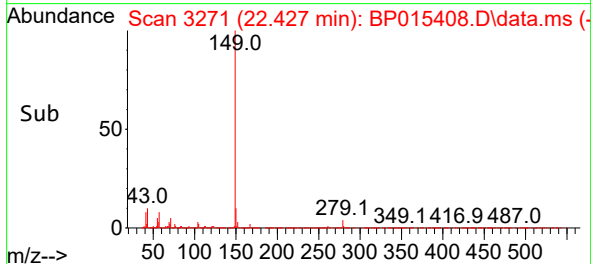
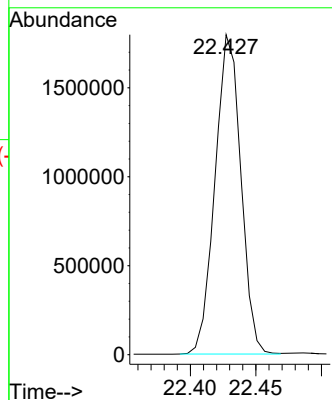
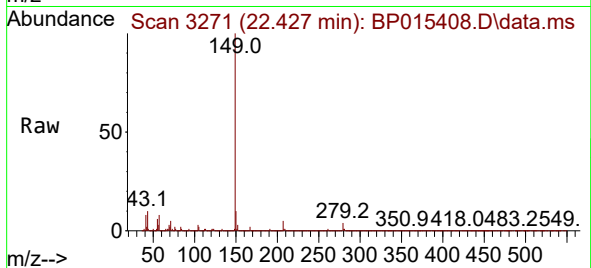
Instrument :

BNA_P

ClientSampleId :

EW990MS

Tgt Ion:149 Resp: 2456147



#90

Benzo(b)fluoranthene

Concen: 22.656 ng/ul

RT: 23.345 min Scan# 3427

Delta R.T. -0.006 min

Lab File: BP015408.D

Acq: 07 Jun 2023 20:22

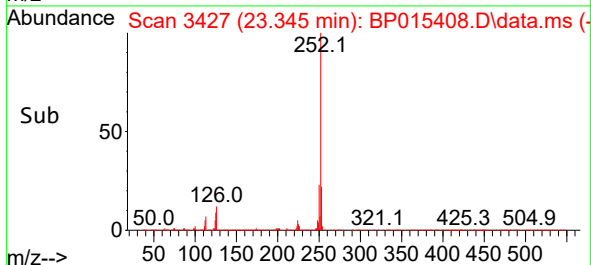
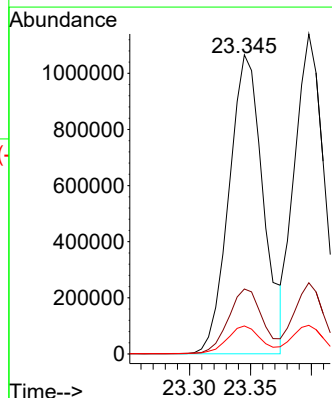
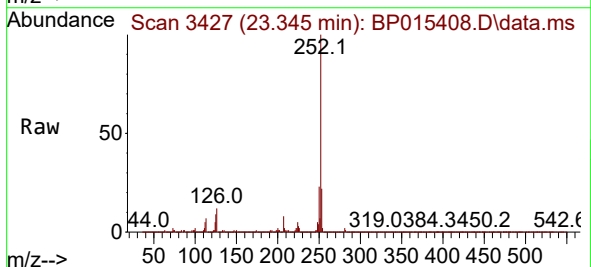
Tgt Ion:252 Resp: 2081554

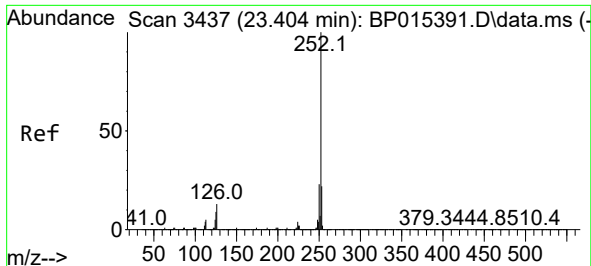
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 9.4 7.3 10.9

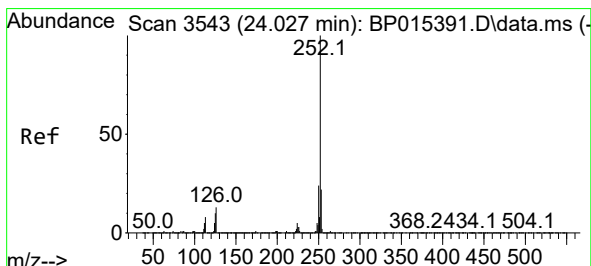
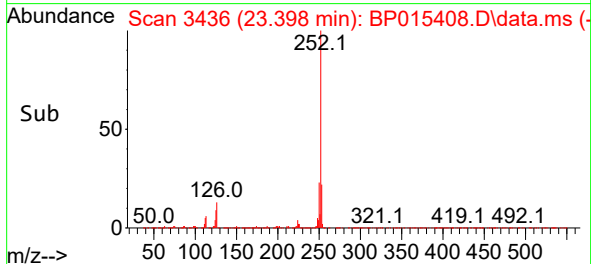
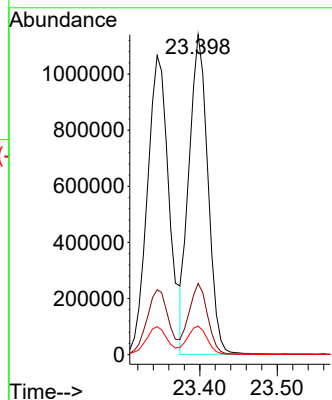
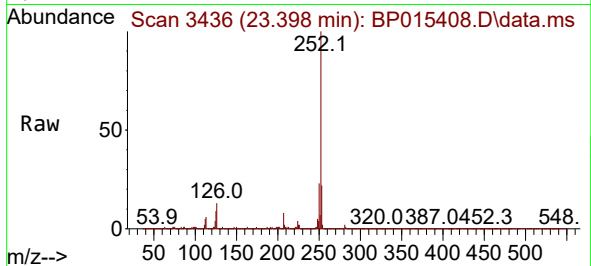




#91
Benzo(k)fluoranthene
Concen: 21.621 ng/ul
RT: 23.398 min Scan# 3437
Delta R.T. -0.006 min
Lab File: BP015408.D
Acq: 07 Jun 2023 20:22

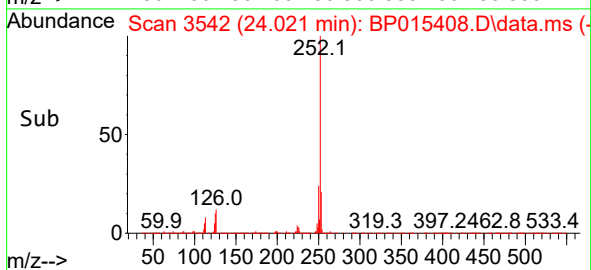
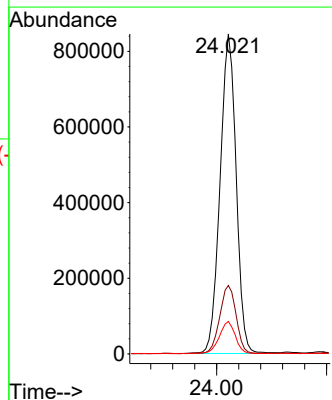
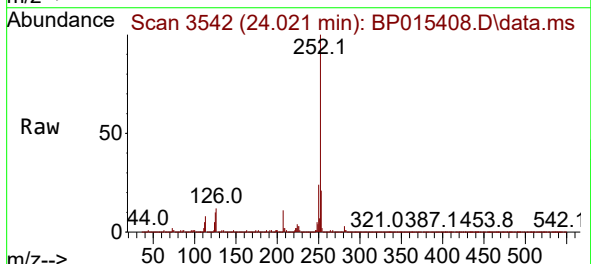
Instrument :
BNA_P
ClientSampleId :
EW990MS

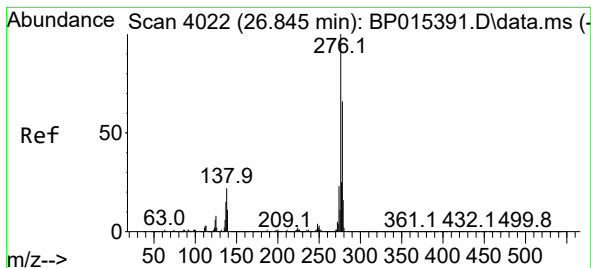
Tgt Ion:252 Resp: 1920230
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 8.9 7.3 10.9



#93
Benzo(a)pyrene
Concen: 21.421 ng/ul
RT: 24.021 min Scan# 3542
Delta R.T. -0.006 min
Lab File: BP015408.D
Acq: 07 Jun 2023 20:22

Tgt Ion:252 Resp: 1715834
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.6
125 10.2 8.1 12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 19.689 ng/ul

RT: 26.839 min Scan# 4021

Delta R.T. -0.006 min

Lab File: BP015408.D

Acq: 07 Jun 2023 20:22

Instrument :

BNA_P

ClientSampleId :

EW990MS

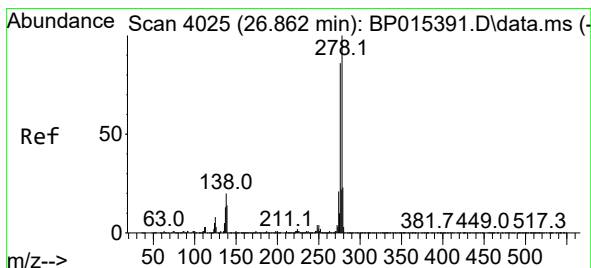
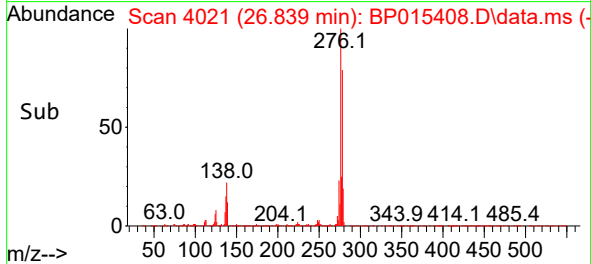
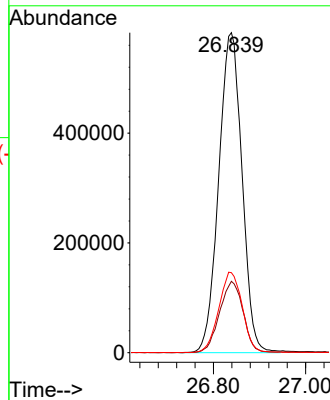
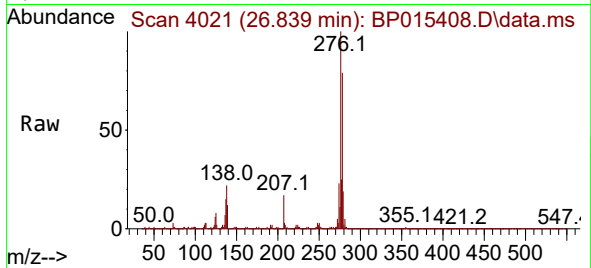
Tgt Ion:276 Resp: 2041097

Ion Ratio Lower Upper

276 100

138 22.3 17.3 25.9

277 25.0 20.2 30.2



#95

Dibenzo(a,h)anthracene

Concen: 20.370 ng/ul

RT: 26.856 min Scan# 4024

Delta R.T. -0.006 min

Lab File: BP015408.D

Acq: 07 Jun 2023 20:22

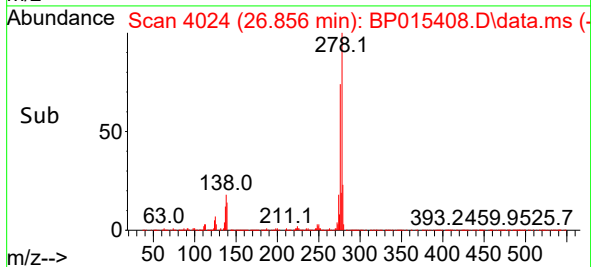
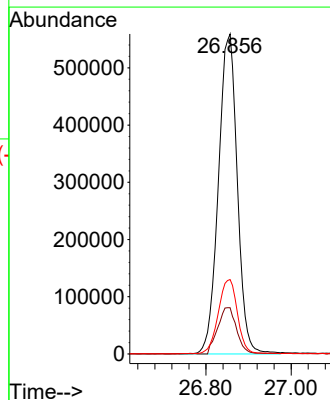
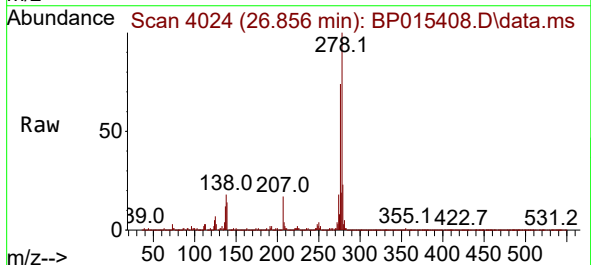
Tgt Ion:278 Resp: 1720345

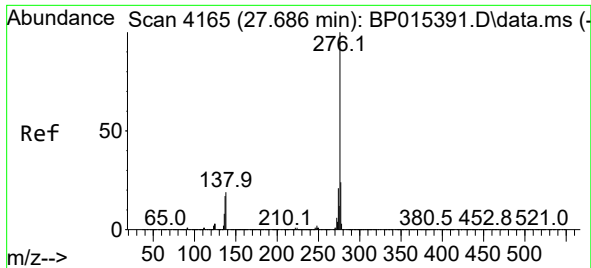
Ion Ratio Lower Upper

278 100

139 14.5 11.4 17.0

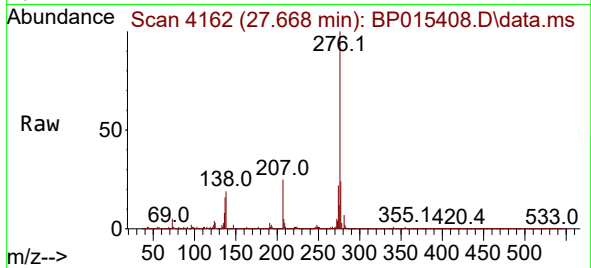
279 23.3 18.7 28.1





#96
 Benzo(g,h,i)perylene
 Concen: 16.585 ng/ul
 RT: 27.668 min Scan# 4162
 Delta R.T. -0.018 min
 Lab File: BP015408.D
 Acq: 07 Jun 2023 20:22

Instrument :
 BNA_P
 ClientSampleId :
 EW990MS



Tgt Ion:276 Resp: 1416860

Ion	Ratio	Lower	Upper
276	100		
138	18.9	15.6	23.4
277	23.9	19.0	28.6

