

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060723\
 Data File : BP015391.D
 Acq On : 07 Jun 2023 10:42
 Operator : MA/JU
 Sample : SST02085
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST020627

Quant Time: Jun 07 23:11:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 07 13:01:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	155030	20.000	ng/u1	0.00
20) Naphthalene-d8	10.928	136	704656	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.745	164	478010	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.504	188	1129313	20.000	ng/u1	0.00
79) Chrysene-d12	21.586	240	1163114	20.000	ng/u1	0.00
88) Perylene-d12	24.139	264	1431271	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	35004	8.472	ng/uL	0.00
4) Pyridine-d5	3.852	84	230360	21.183	ng/u1	0.00
7) Phenol-d5	7.252	99	297033	20.797	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.422	67	185549	21.753	ng/u1	0.00
11) 2-Chlorophenol-d4	7.628	132	223004	21.536	ng/u1	0.00
15) 4-Methylphenol-d8	8.816	113	249789	21.310	ng/u1	0.00
21) Nitrobenzene-d5	9.281	128	120197	21.727	ng/u1	0.00
24) 2-Nitrophenol-d4	10.005	143	138826	21.974	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.552	165	251761	21.845	ng/u1	0.00
31) 4-Chloroaniline-d4	11.069	131	360472	21.791	ng/u1	0.00
46) Dimethylphthalate-d6	14.151	166	815826	21.643	ng/u1	0.00
49) Acenaphthylene-d8	14.440	160	897290	21.770	ng/u1	0.00
54) 4-Nitrophenol-d4	14.945	143	143382	21.450	ng/u1	0.00
60) Fluorene-d10	15.740	176	682925	21.485	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	148671	20.781	ng/u1	0.00
73) Anthracene-d10	17.598	188	1097354	21.357	ng/u1	0.00
81) Pyrene-d10	19.822	212	1325606	21.294	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	1501604	20.909	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.452	88	36544	8.400	ng/uL	100
5) Pyridine	3.875	79	237260	21.045	ng/u1	100
6) Benzaldehyde	7.234	77	112538	21.063	ng/u1	100
8) Phenol	7.281	94	307321	20.857	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.516	93	248582	21.338	ng/u1	100
12) 2-Chlorophenol	7.658	128	235007	21.480	ng/u1	100
13) 2-Methylphenol	8.546	108	239595	21.134	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.628	45	333373	21.594	ng/u1	100
16) Acetophenone	8.934	105	408963	21.862	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.916	70	218175	21.609	ng/u1	100
18) 4-Methylphenol	8.881	108	266317	21.350	ng/u1	100
19) Hexachloroethane	9.193	117	99487	21.519	ng/u1	100
22) Nitrobenzene	9.322	77	321291	21.899	ng/u1	100
23) Isophorone	9.852	82	634510	21.605	ng/u1	100
25) 2-Nitrophenol	10.040	139	149445	21.909	ng/u1	100
26) 2,4-Dimethylphenol	10.093	107	310486	21.464	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.334	93	365802	21.424	ng/u1	100
29) 2,4-Dichlorophenol	10.575	162	252726	22.056	ng/u1	100
30) Naphthalene	10.981	128	814771	21.338	ng/u1	100
32) 4-Chloroaniline	11.093	127	372400	21.757	ng/u1	100
33) Hexachlorobutadiene	11.257	225	165280	21.388	ng/u1	100
34) Caprolactam	11.869	113	93206	21.695	ng/u1	100
35) 4-Chloro-3-methylphenol	12.210	107	304712	21.948	ng/u1	100
36) 2-Methylnaphthalene	12.581	142	571411	21.287	ng/u1	100

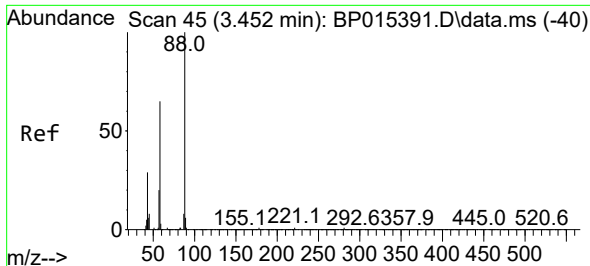
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.799	142	577964	21.384	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.946	216	323475	21.732	ng/ul	100
40) Hexachlorocyclopentadiene	12.922	237	109697	17.979	ng/ul	100
41) 2,4,6-Trichlorophenol	13.187	196	219487	22.155	ng/ul	100
42) 2,4,5-Trichlorophenol	13.257	196	233731	21.650	ng/ul	100
43) 1,1'-Biphenyl	13.581	154	800661	21.659	ng/ul	100
44) 2-Chloronaphthalene	13.628	162	624108	21.519	ng/ul	100
45) 2-Nitroaniline	13.834	65	209312	22.549	ng/ul	100
47) Dimethylphthalate	14.198	163	837670	21.524	ng/ul	100
48) 2,6-Dinitrotoluene	14.322	165	175922	22.063	ng/ul	100
50) Acenaphthylene	14.469	152	992237	21.739	ng/ul	100
51) 3-Nitroaniline	14.657	138	135457	20.579	ng/ul	100
52) Acenaphthene	14.810	153	682129	21.620	ng/ul	100
53) 2,4-Dinitrophenol	14.869	184	92905	19.369	ng/ul	100
55) 4-Nitrophenol	14.957	109	136121	20.906	ng/ul	100
56) Dibenzofuran	15.145	168	969879	21.689	ng/ul	100
57) 2,4-Dinitrotoluene	15.110	165	260887	22.246	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.369	232	213812	21.935	ng/ul	100
59) Diethylphthalate	15.557	149	865108	21.689	ng/ul	100
61) Fluorene	15.792	166	783677	21.498	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.781	204	392523	21.365	ng/ul	100
63) 4-Nitroaniline	15.816	138	131083	21.146	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.881	198	154297	21.146	ng/ul	100
67) N-Nitrosodiphenylamine	15.998	169	687840	21.469	ng/ul	100
68) 4-Bromophenyl-phenylether	16.681	248	256803	21.255	ng/ul	100
69) Hexachlorobenzene	16.804	284	301719	21.171	ng/ul	100
70) Atrazine	16.951	200	276080	21.579	ng/ul	100
71) Pentachlorophenol	17.151	266	157047	19.612	ng/ul	100
72) Phenanthrene	17.545	178	1294194	21.355	ng/ul	100
74) Anthracene	17.634	178	1311462	21.328	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.551	216	332014	21.302	ng/ul	100
76) Pentachlorobenzene	15.063	250	349095	21.392	ng/ul	100
77) Carbazole	17.904	167	1222038	22.072	ng/ul	100
78) Di-n-butylphthalate	18.434	149	1519189	21.626	ng/ul	100
80) Fluoranthene	19.498	202	1600104	21.102	ng/ul	100
82) Pyrene	19.851	202	1659566	21.154	ng/ul	100
83) Butylbenzylphthalate	20.704	149	748706	21.593	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.492	252	589593	21.456	ng/ul	100
85) Benzo(a)anthracene	21.569	228	1744784	21.458	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.463	149	1115768	21.770	ng/ul	100
87) Chrysene	21.622	228	1655306	21.538	ng/ul	100
89) Di-n-octyl phthalate	22.433	149	2008574	21.353	ng/ul	100
90) Benzo(b)fluoranthene	23.351	252	1898970	20.554	ng/ul	100
91) Benzo(k)fluoranthene	23.404	252	1886384	21.122	ng/ul	100
93) Benzo(a)pyrene	24.027	252	1679566	20.851	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.845	276	2188870	20.997	ng/ul	100
95) Dibenzo(a,h)anthracene	26.862	278	1784223	21.009	ng/ul	100
96) Benzo(g,h,i)perylene	27.686	276	1776658	20.681	ng/ul	100

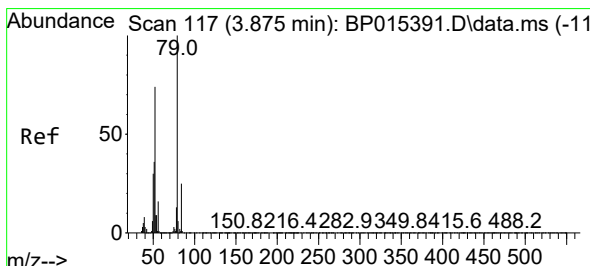
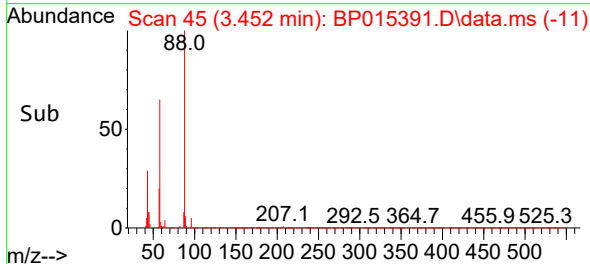
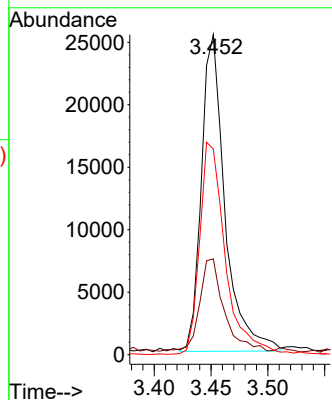
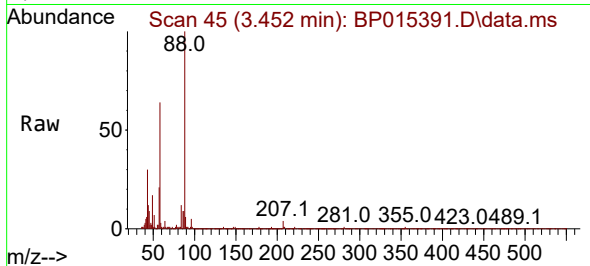
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#2
1,4-Dioxane
Concen: 8.400 ng/uL
RT: 3.452 min Scan# 45
Delta R.T. 0.000 min
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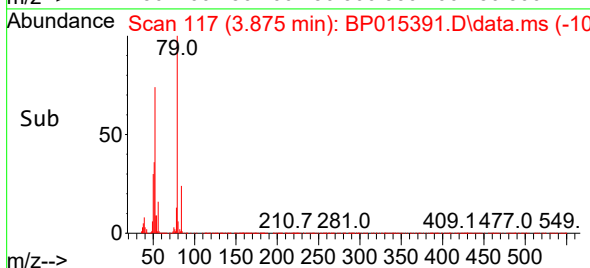
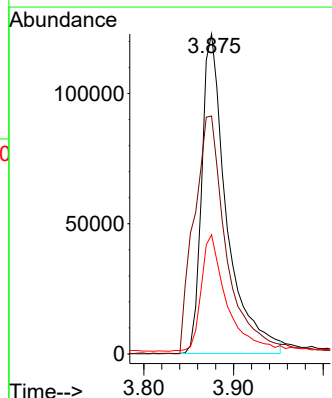
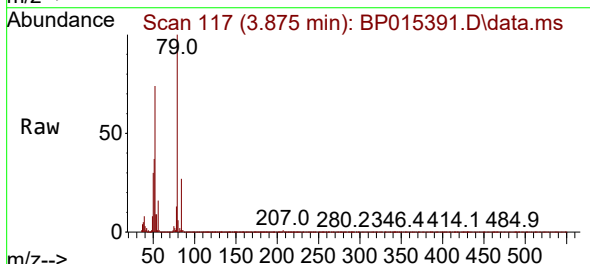
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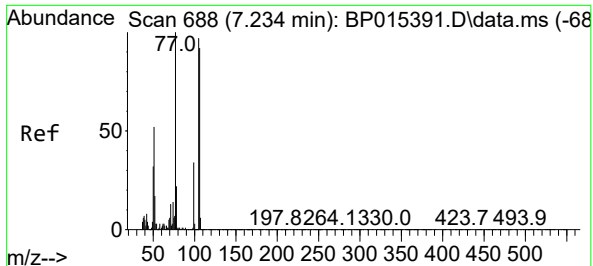
Tgt Ion: 88 Resp: 36544
Ion Ratio Lower Upper
88 100
43 29.9 23.9 35.9
58 64.3 51.4 77.2



#5
Pyridine
Concen: 21.045 ng/uL
RT: 3.875 min Scan# 117
Delta R.T. 0.000 min
Lab File: BP015391.D
Acq: 07 Jun 2023 10:42

Tgt Ion: 79 Resp: 237260
Ion Ratio Lower Upper
79 100
52 74.4 59.5 89.3
51 37.2 29.8 44.6

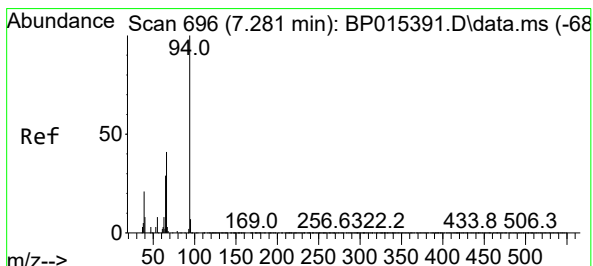
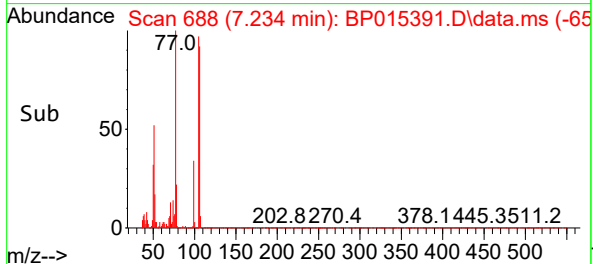
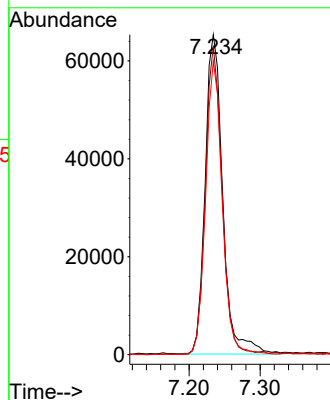
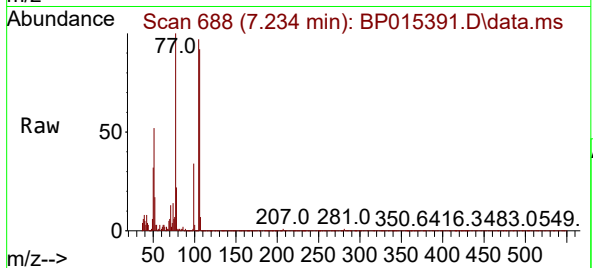




#6
Benzaldehyde
Concen: 21.063 ng/ul
RT: 7.234 min Scan# 688
Delta R.T. 0.000 min
Lab File: BP015391.D
Acq: 07 Jun 2023 10:42

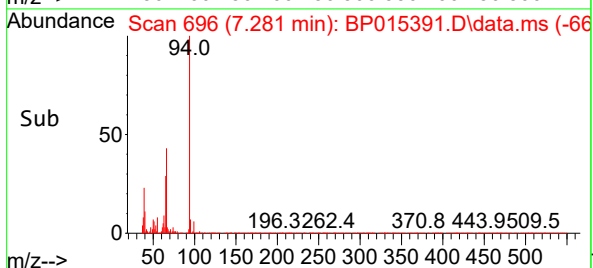
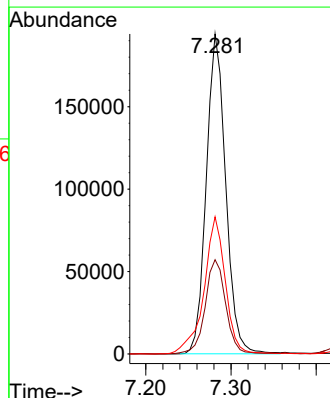
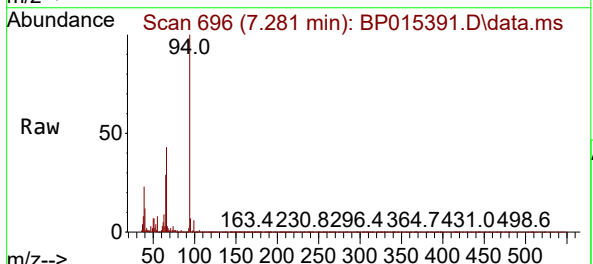
Instrument :
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ClientSampleId :
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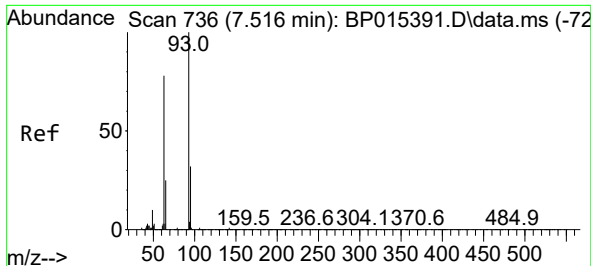
Tgt Ion: 77 Resp: 112538
Ion Ratio Lower Upper
77 100
105 96.6 77.3 115.9
106 91.6 73.3 109.9



#8
Phenol
Concen: 20.857 ng/ul
RT: 7.281 min Scan# 696
Delta R.T. 0.000 min
Lab File: BP015391.D
Acq: 07 Jun 2023 10:42

Tgt Ion: 94 Resp: 307321
Ion Ratio Lower Upper
94 100
65 29.4 23.5 35.3
66 42.8 34.2 51.4

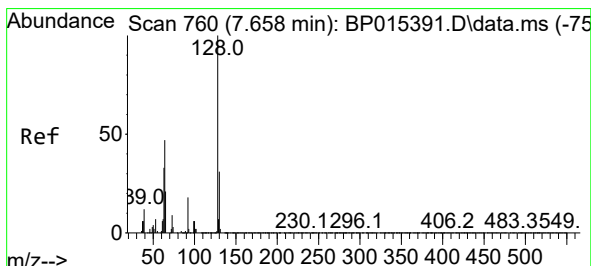
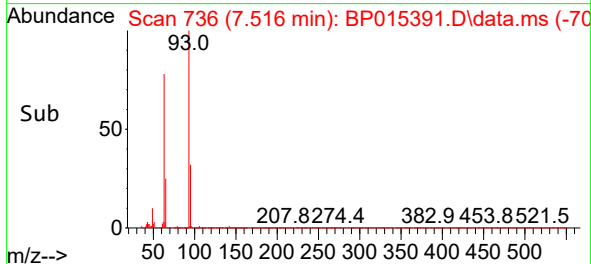
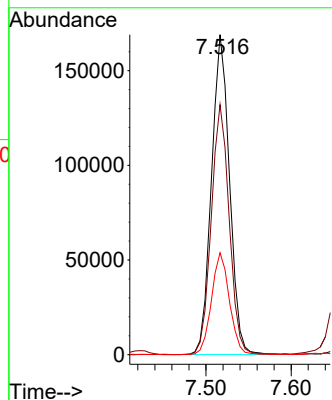
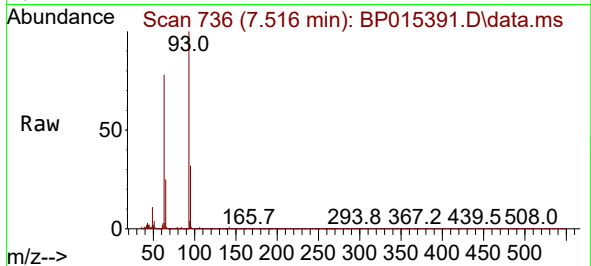




#10
Bis(2-Chloroethyl)ether
Concen: 21.338 ng/ul
RT: 7.516 min Scan# 736
Delta R.T. 0.000 min
Lab File: BP015391.D
Acq: 07 Jun 2023 10:42

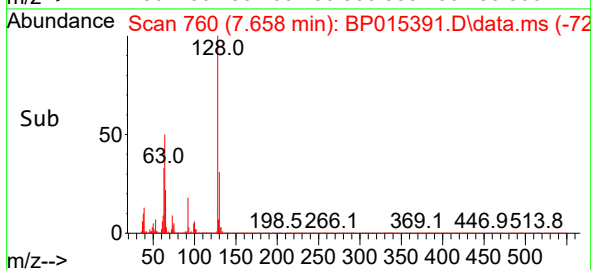
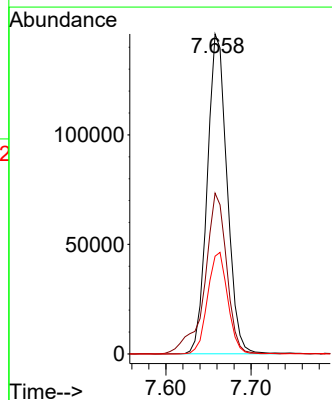
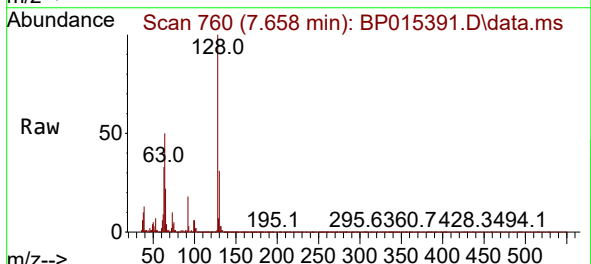
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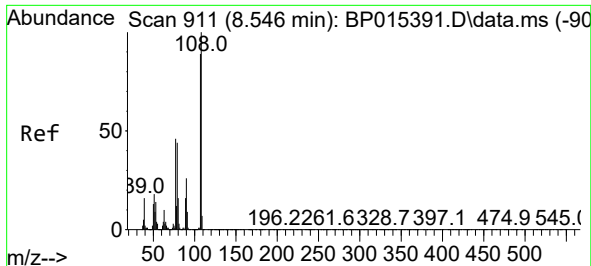
Tgt Ion: 93 Resp: 248582
Ion Ratio Lower Upper
93 100
63 78.2 62.6 93.8
95 31.9 25.5 38.3



#12
2-Chlorophenol
Concen: 21.480 ng/ul
RT: 7.658 min Scan# 760
Delta R.T. 0.000 min
Lab File: BP015391.D
Acq: 07 Jun 2023 10:42

Tgt Ion: 128 Resp: 235007
Ion Ratio Lower Upper
128 100
64 50.3 40.2 60.4
130 30.6 24.5 36.7

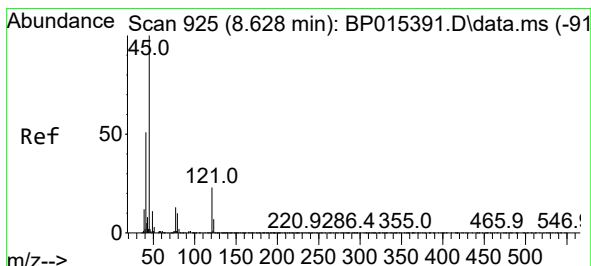
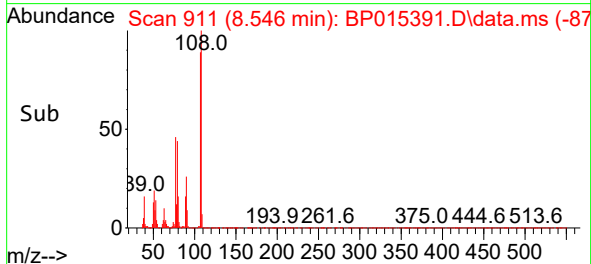
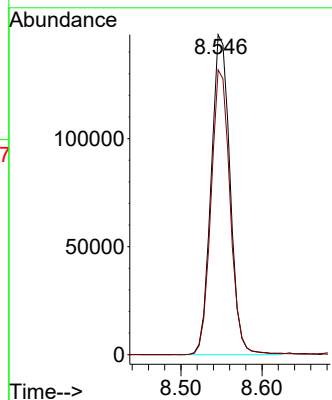
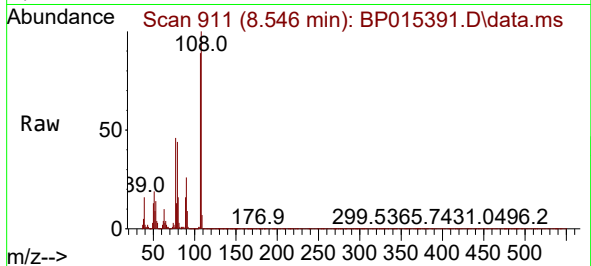




#13
2-Methylphenol
Concen: 21.134 ng/ul
RT: 8.546 min Scan# 911
Delta R.T. 0.000 min
Lab File: BP015391.D
Acq: 07 Jun 2023 10:42

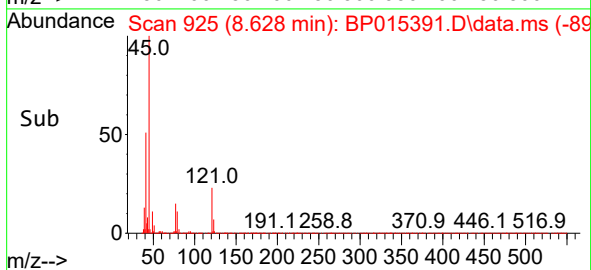
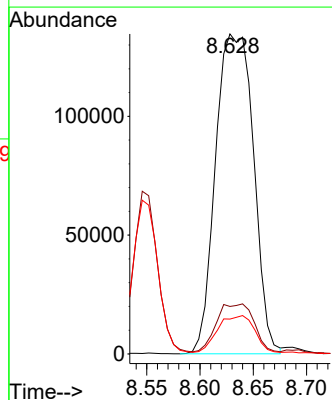
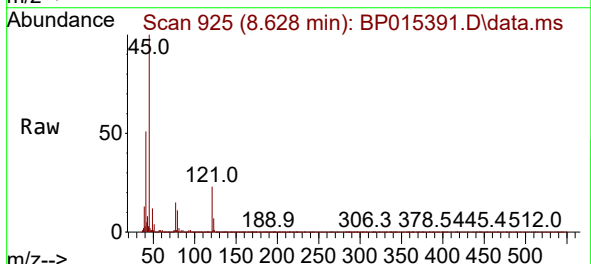
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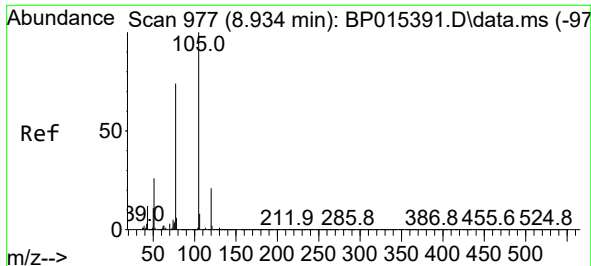
Tgt Ion:108 Resp: 239595
Ion Ratio Lower Upper
108 100
107 89.0 71.2 106.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 21.594 ng/ul
RT: 8.628 min Scan# 925
Delta R.T. 0.000 min
Lab File: BP015391.D
Acq: 07 Jun 2023 10:42

Tgt Ion: 45 Resp: 333373
Ion Ratio Lower Upper
45 100
77 14.8 11.8 17.8
79 10.9 8.7 13.1

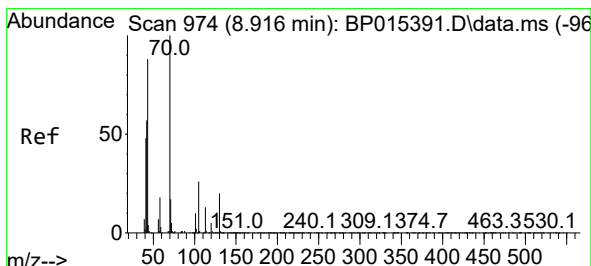
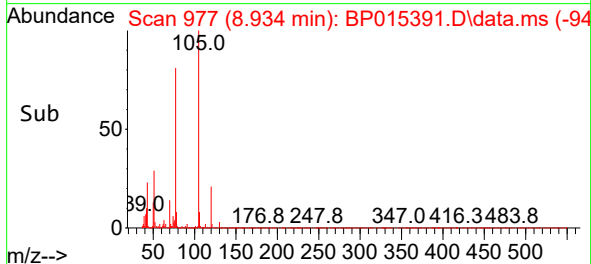
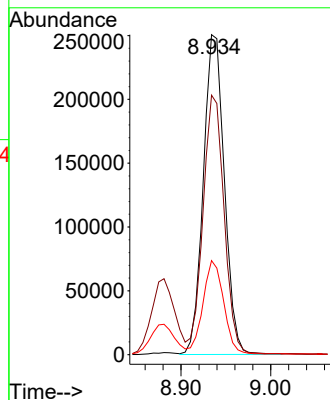
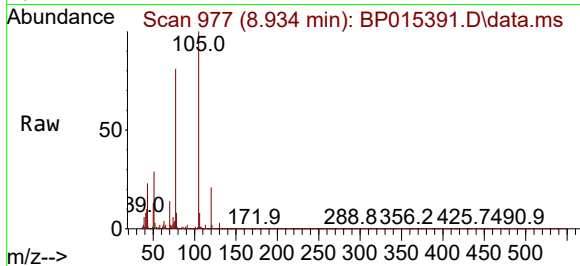




#16
Acetophenone
Concen: 21.862 ng/ul
RT: 8.934 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP015391.D
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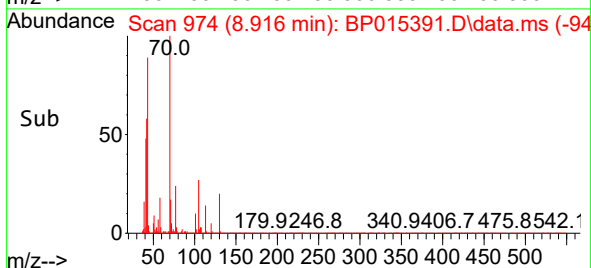
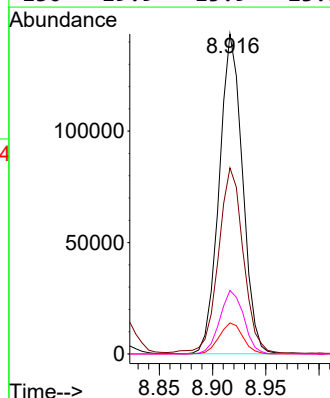
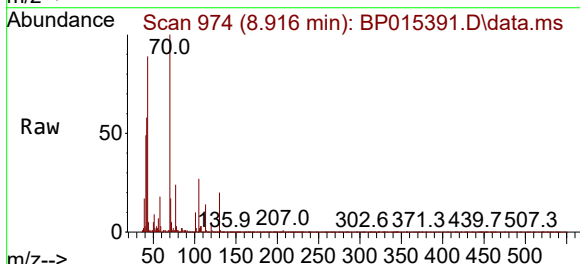
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ClientSampleId :
SSTD020627

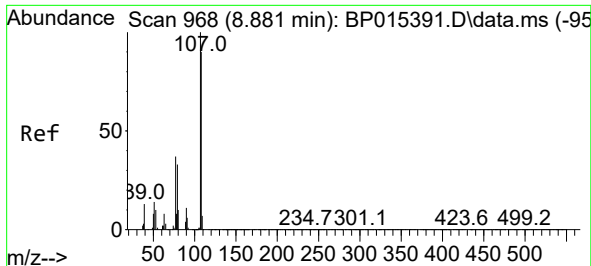
Tgt Ion:105 Resp: 408963
Ion Ratio Lower Upper
105 100
77 81.1 64.9 97.3
51 29.4 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 21.609 ng/ul
RT: 8.916 min Scan# 974
Delta R.T. 0.000 min
Lab File: BP015391.D
Acq: 07 Jun 2023 10:42

Tgt Ion: 70 Resp: 218175
Ion Ratio Lower Upper
70 100
42 58.2 46.6 69.8
101 9.7 7.8 11.6
130 19.9 15.9 23.9

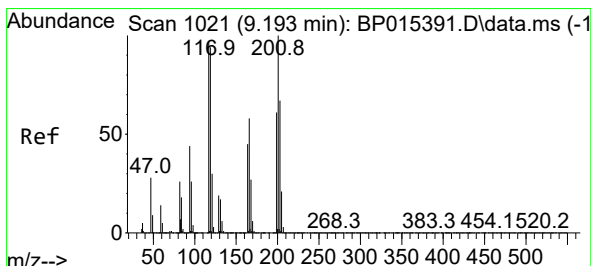
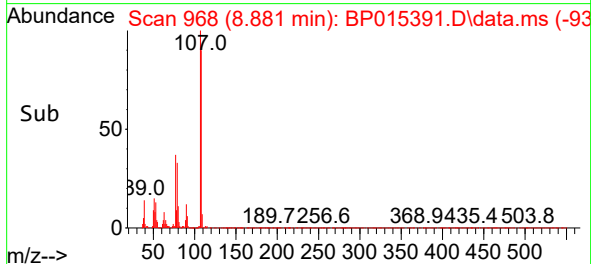
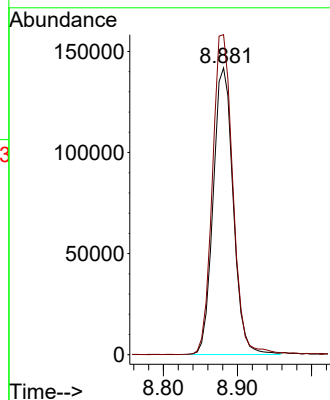
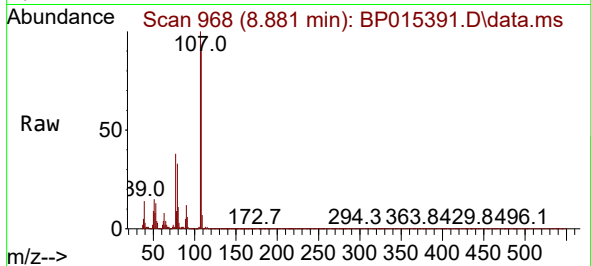




#18
4-Methylphenol
Concen: 21.350 ng/ul
RT: 8.881 min Scan# 90
Delta R.T. 0.000 min
Lab File: BP015391.D
Acq: 07 Jun 2023 10:42

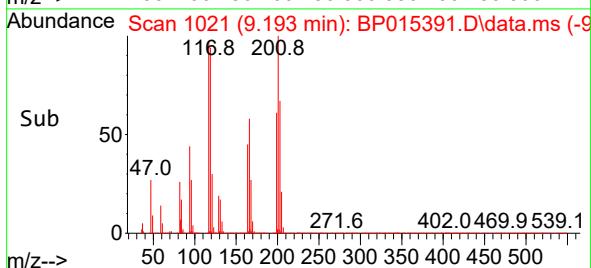
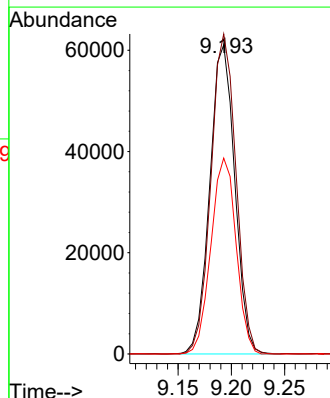
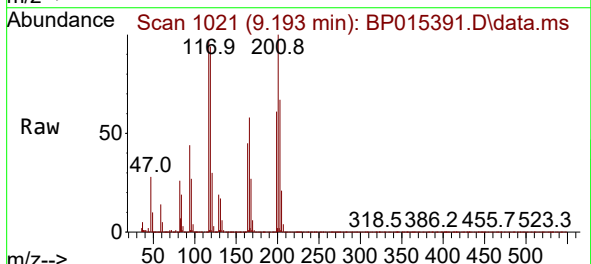
Instrument :
BNA_P
ClientSampleId :
SSTD020627

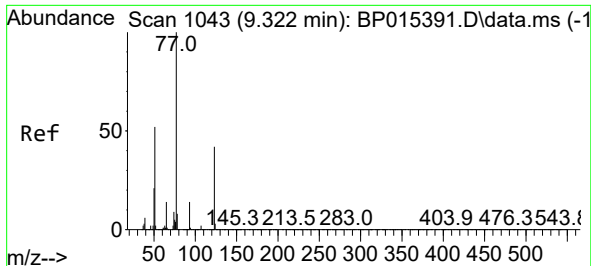
Tgt Ion:108 Resp: 266317
Ion Ratio Lower Upper
108 100
107 111.6 89.3 133.9



#19
Hexachloroethane
Concen: 21.519 ng/ul
RT: 9.193 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BP015391.D
Acq: 07 Jun 2023 10:42

Tgt Ion:117 Resp: 99487
Ion Ratio Lower Upper
117 100
201 103.5 82.8 124.2
199 63.3 50.6 76.0

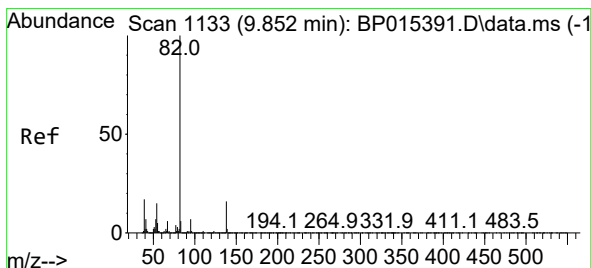
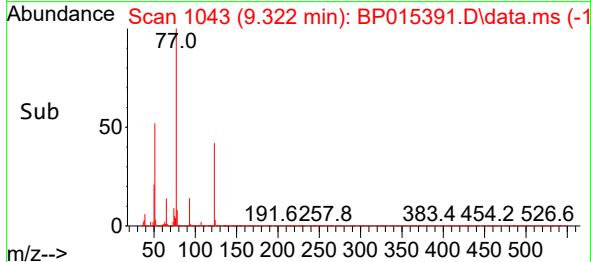
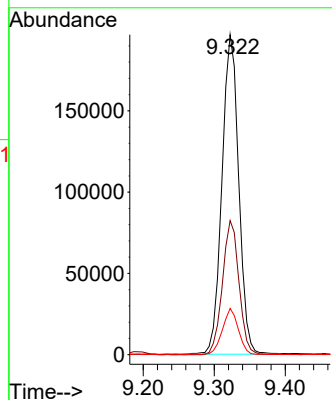
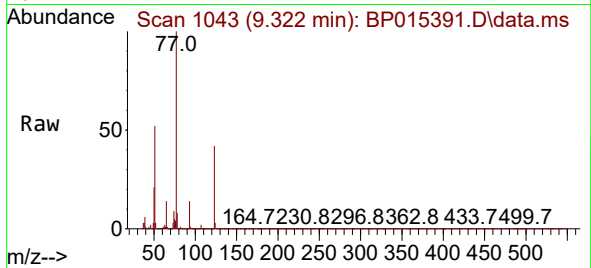




#22
Nitrobenzene
Concen: 21.899 ng/ul
RT: 9.322 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BP015391.D
Acq: 07 Jun 2023 10:42

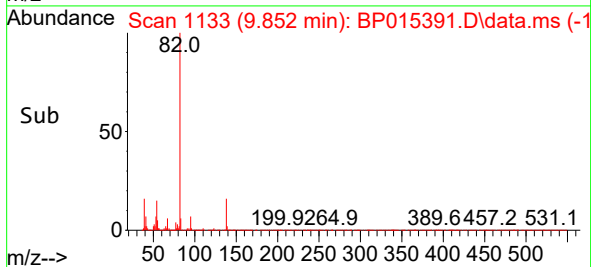
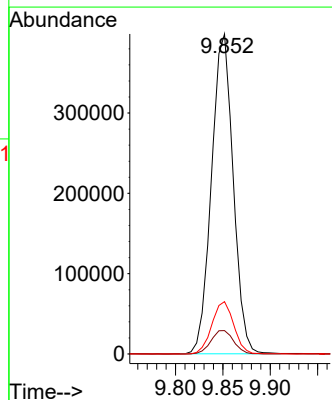
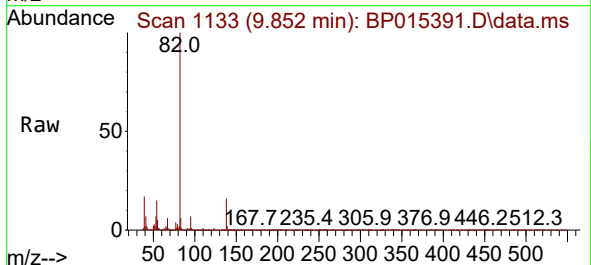
Instrument :
BNA_P
ClientSampleId :
SSTD020627

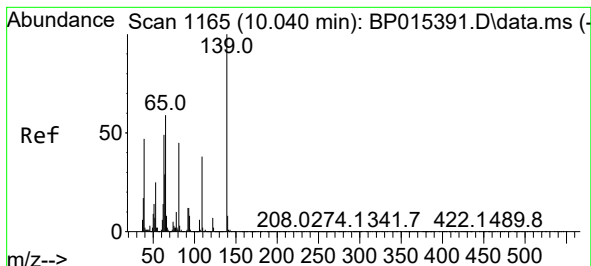
Tgt Ion: 77 Resp: 321291
Ion Ratio Lower Upper
77 100
123 41.9 33.5 50.3
65 14.5 11.6 17.4



#23
Isophorone
Concen: 21.605 ng/ul
RT: 9.852 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BP015391.D
Acq: 07 Jun 2023 10:42

Tgt Ion: 82 Resp: 634510
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 16.4 13.1 19.7

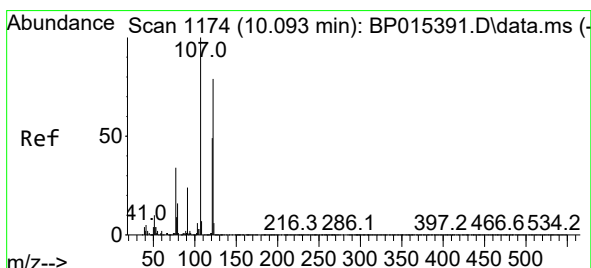
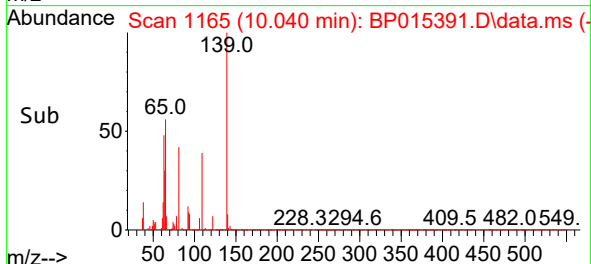
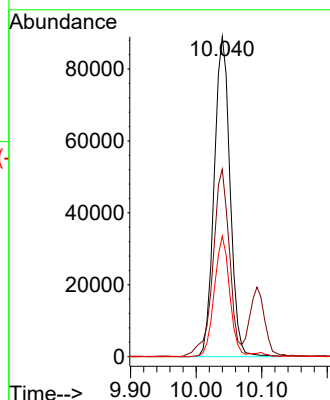
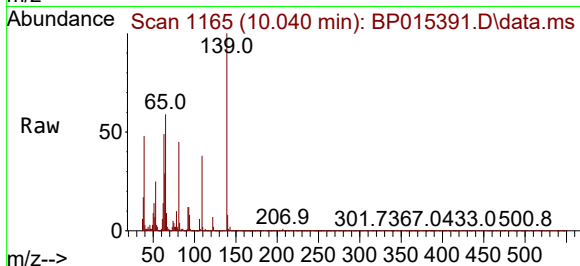




#25
2-Nitrophenol
Concen: 21.909 ng/ul
RT: 10.040 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BP015391.D
Acq: 07 Jun 2023 10:42

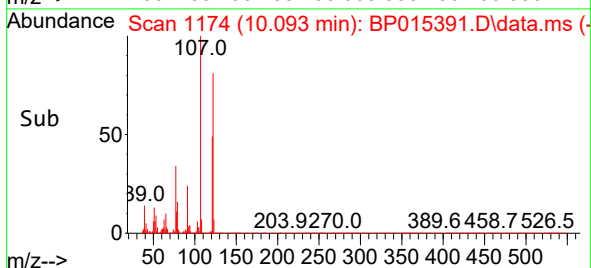
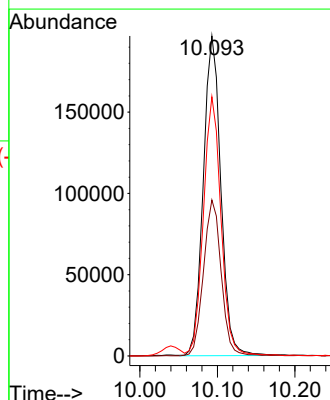
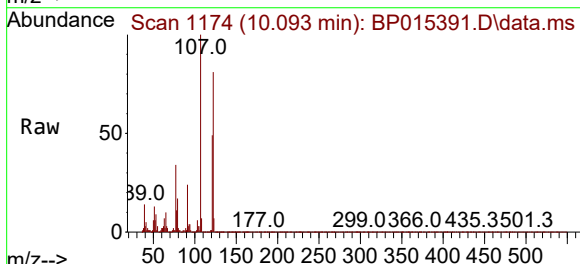
Instrument :
BNA_P
ClientSampleId :
SSTD020627

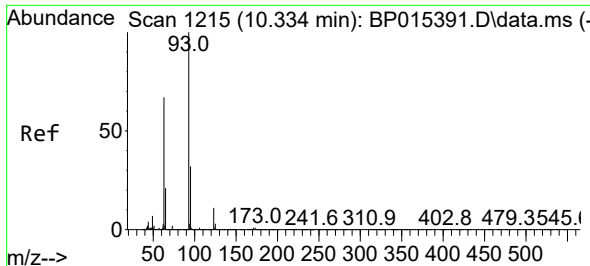
Tgt Ion:139 Resp: 149445
Ion Ratio Lower Upper
139 100
65 58.6 46.9 70.3
109 37.7 30.2 45.2



#26
2,4-Dimethylphenol
Concen: 21.464 ng/ul
RT: 10.093 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BP015391.D
Acq: 07 Jun 2023 10:42

Tgt Ion:107 Resp: 310486
Ion Ratio Lower Upper
107 100
121 48.8 39.0 58.6
122 81.0 64.8 97.2

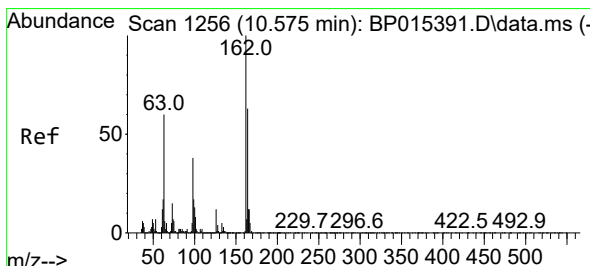
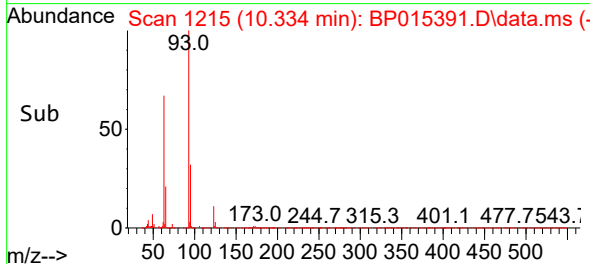
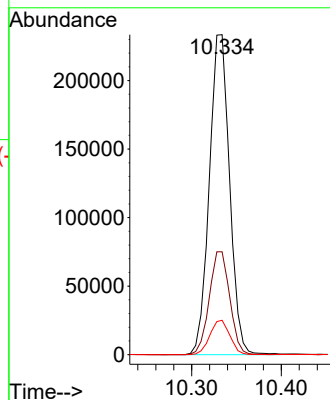
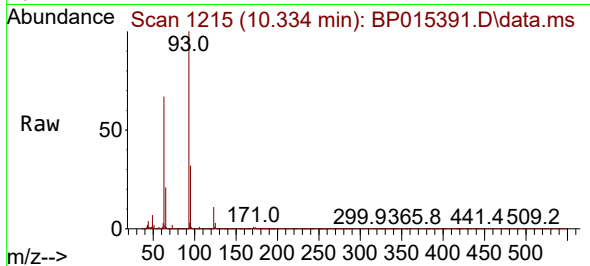




#27
 Bis(2-Chloroethoxy)methane
 Concen: 21.424 ng/ul
 RT: 10.334 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: BP015391.D
 Acq: 07 Jun 2023 10:42

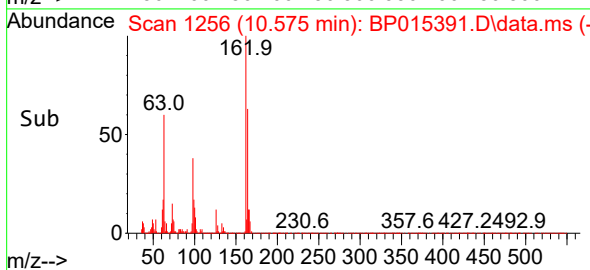
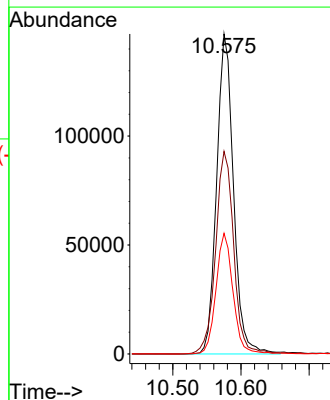
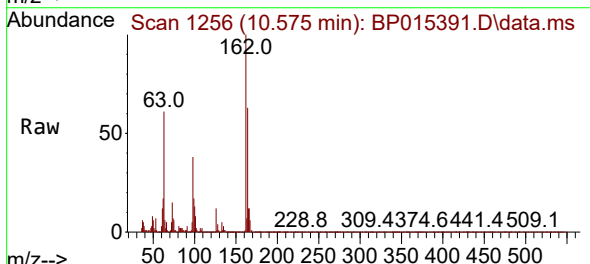
Instrument :
 BNA_P
 ClientSampleId :
 SSTD020627

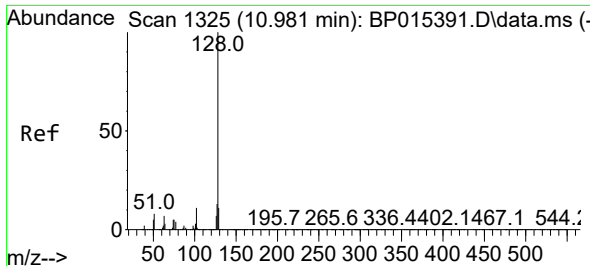
Tgt Ion: 93 Resp: 365802
 Ion Ratio Lower Upper
 93 100
 95 32.1 25.7 38.5
 123 10.8 8.6 13.0



#29
 2,4-Dichlorophenol
 Concen: 22.056 ng/ul
 RT: 10.575 min Scan# 1256
 Delta R.T. 0.000 min
 Lab File: BP015391.D
 Acq: 07 Jun 2023 10:42

Tgt Ion: 162 Resp: 252726
 Ion Ratio Lower Upper
 162 100
 164 63.3 50.6 76.0
 98 37.7 30.2 45.2

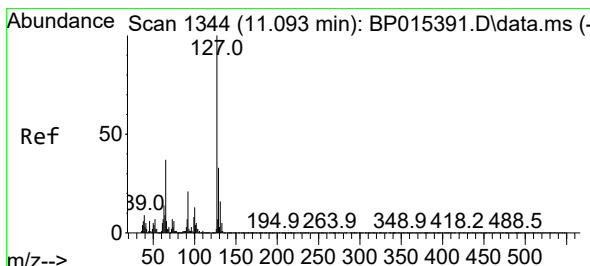
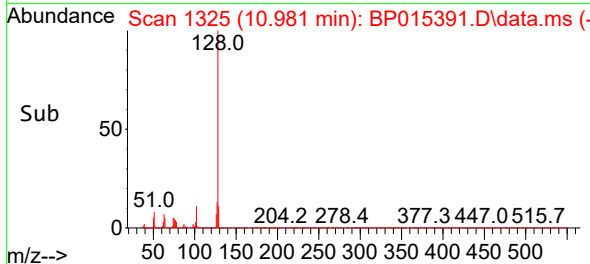
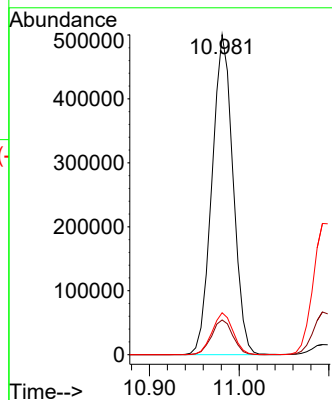
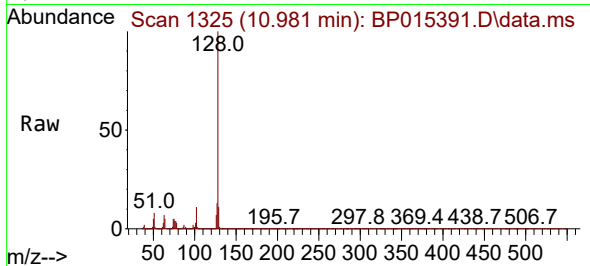




#30
Naphthalene
Concen: 21.338 ng/ul
RT: 10.981 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BP015391.D
Acq: 07 Jun 2023 10:42

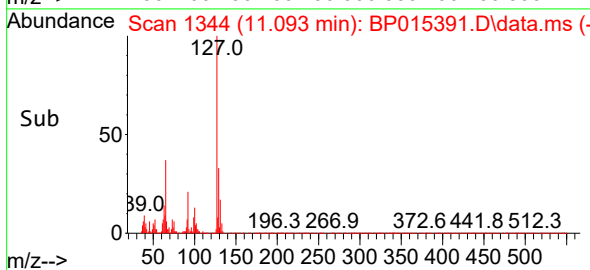
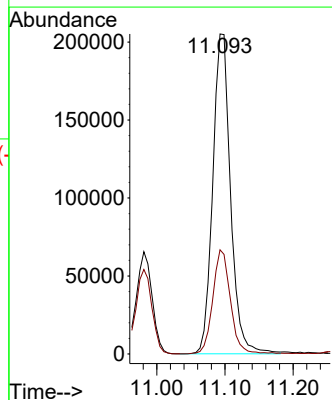
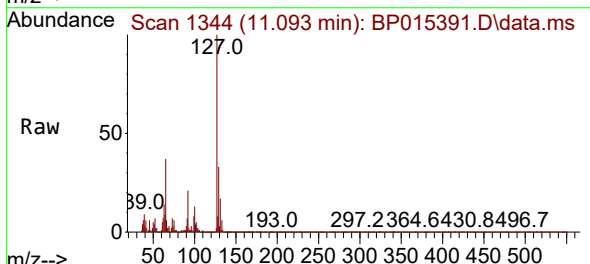
Instrument :
BNA_P
ClientSampleId :
SSTD020627

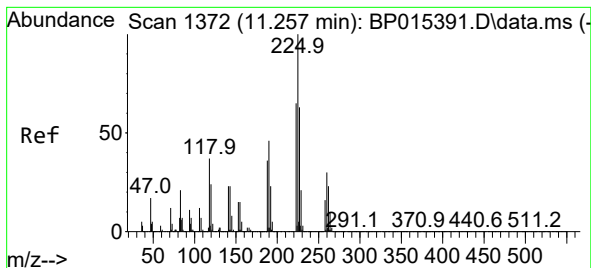
Tgt Ion:128 Resp: 814771
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.1 10.5 15.7



#32
4-Chloroaniline
Concen: 21.757 ng/ul
RT: 11.093 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BP015391.D
Acq: 07 Jun 2023 10:42

Tgt Ion:127 Resp: 372400
Ion Ratio Lower Upper
127 100
129 32.6 26.1 39.1





#33

Hexachlorobutadiene

Concen: 21.388 ng/ul

RT: 11.257 min Scan# 1372

Delta R.T. 0.000 min

Lab File: BP015391.D

Acq: 07 Jun 2023 10:42

Instrument :

BNA_P

ClientSampleId :

SSTD020627

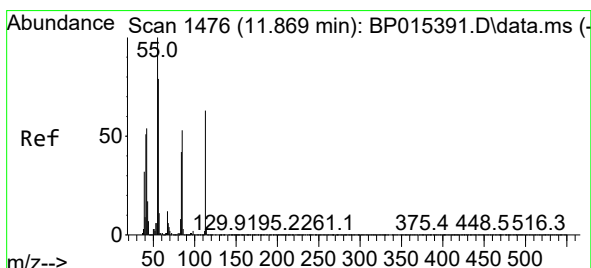
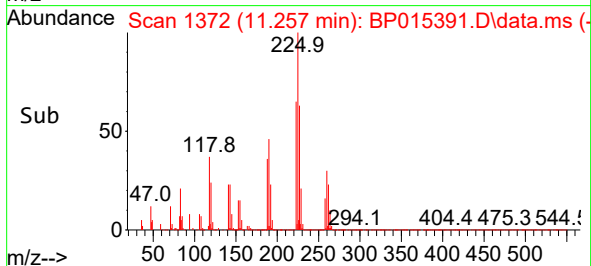
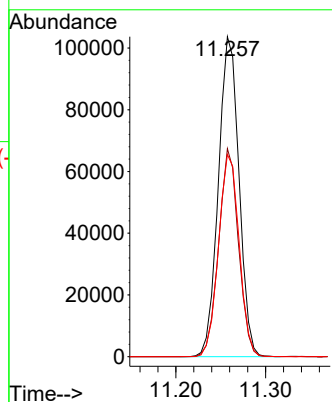
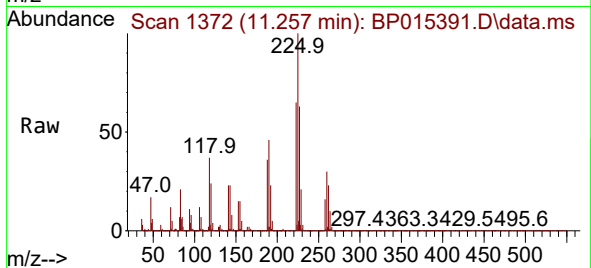
Tgt Ion:225 Resp: 165280

Ion Ratio Lower Upper

225 100

223 65.0 52.0 78.0

227 63.2 50.6 75.8



#34

Caprolactam

Concen: 21.695 ng/ul

RT: 11.869 min Scan# 1476

Delta R.T. 0.000 min

Lab File: BP015391.D

Acq: 07 Jun 2023 10:42

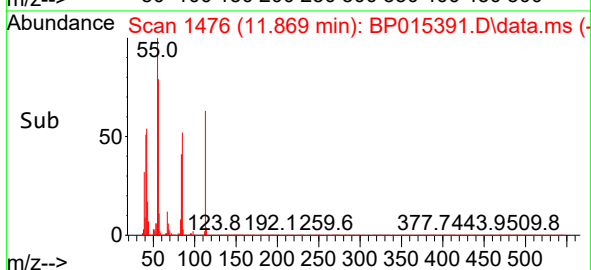
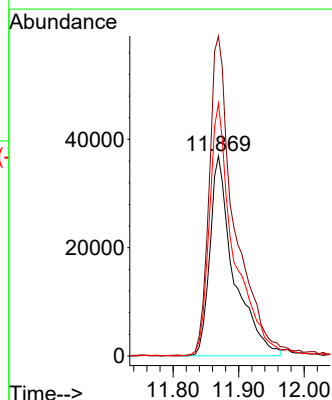
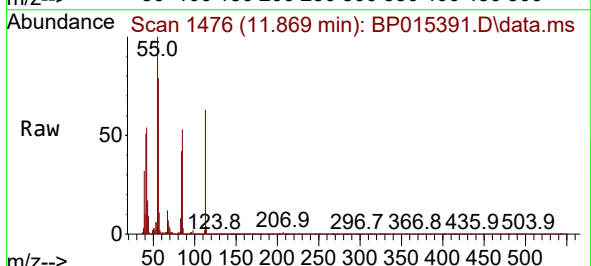
Tgt Ion:113 Resp: 93206

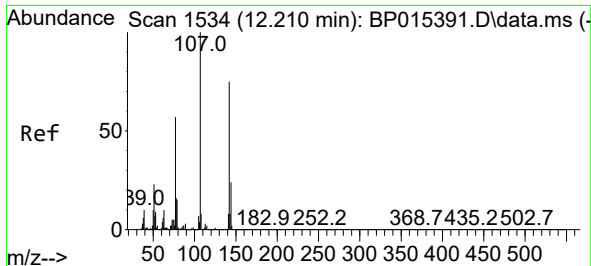
Ion Ratio Lower Upper

113 100

55 159.9 127.9 191.9

56 126.4 101.1 151.7

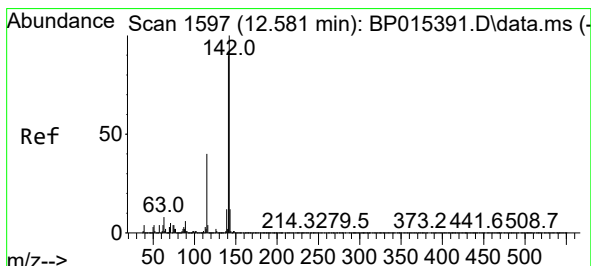
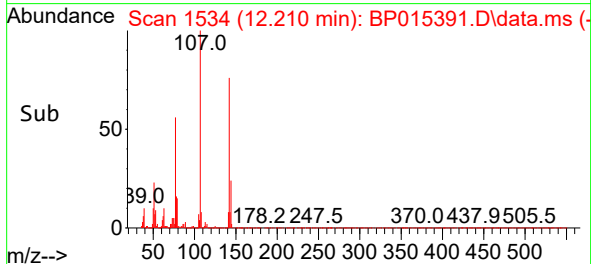
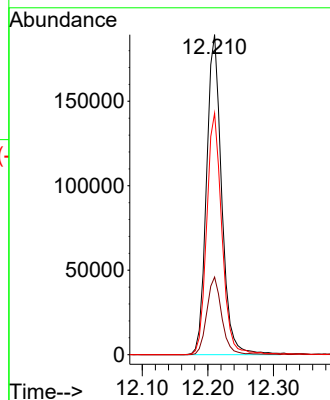
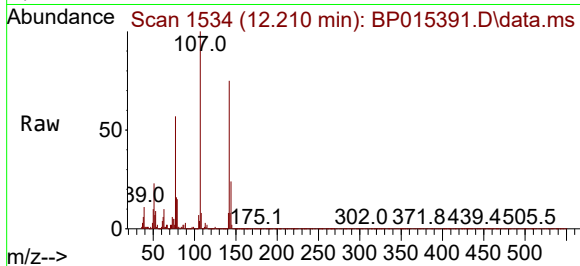




#35
4-Chloro-3-methylphenol
Concen: 21.948 ng/ul
RT: 12.210 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BP015391.D
Acq: 07 Jun 2023 10:42

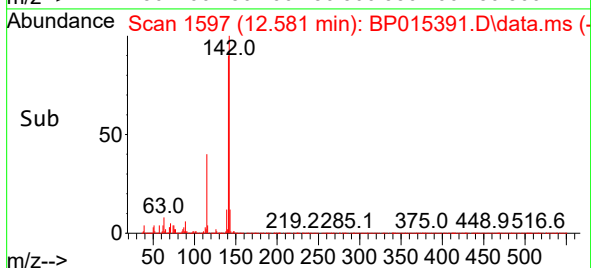
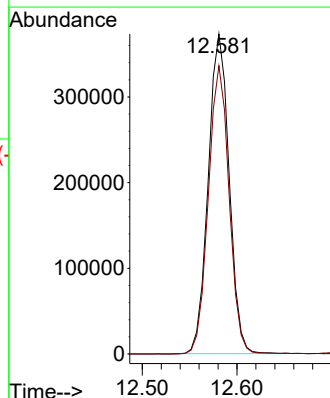
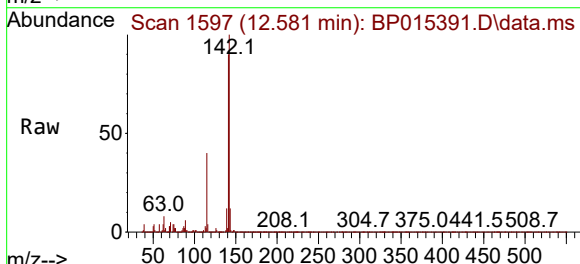
Instrument :
BNA_P
ClientSampleId :
SSTD020627

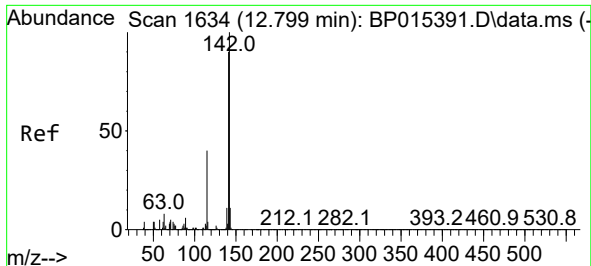
Tgt Ion:107 Resp: 304712
Ion Ratio Lower Upper
107 100
144 24.2 19.4 29.0
142 75.5 60.4 90.6



#36
2-Methylnaphthalene
Concen: 21.287 ng/ul
RT: 12.581 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BP015391.D
Acq: 07 Jun 2023 10:42

Tgt Ion:142 Resp: 571411
Ion Ratio Lower Upper
142 100
141 90.0 72.0 108.0

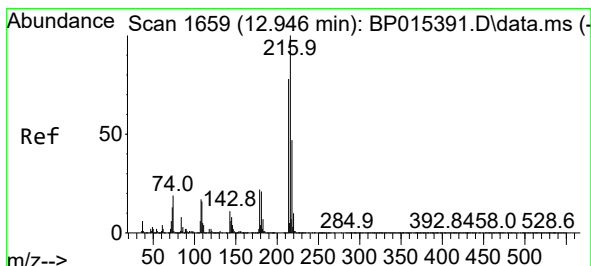
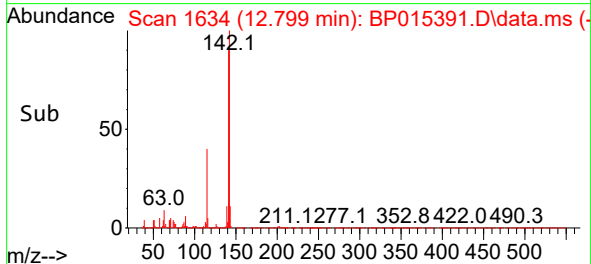
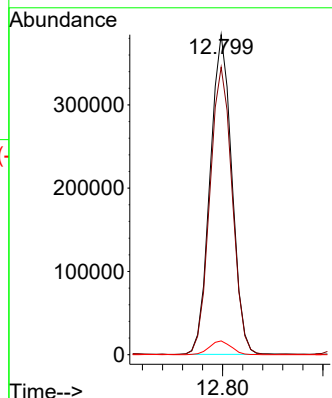
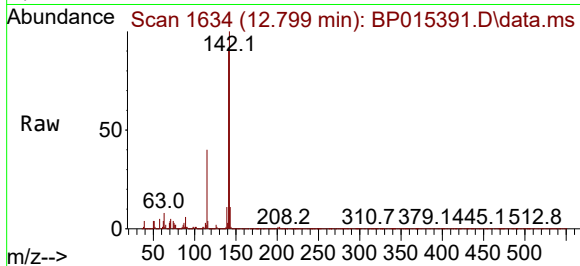




#37
1-Methylnaphthalene
Concen: 21.384 ng/ul
RT: 12.799 min Scan# 1634
Delta R.T. 0.000 min
Lab File: BP015391.D
Acq: 07 Jun 2023 10:42

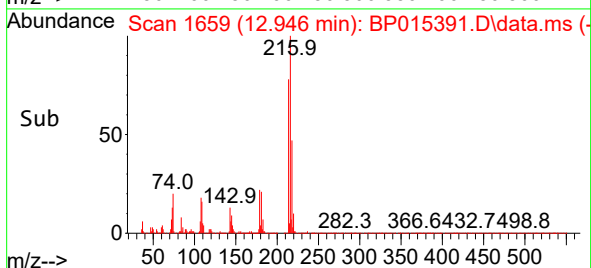
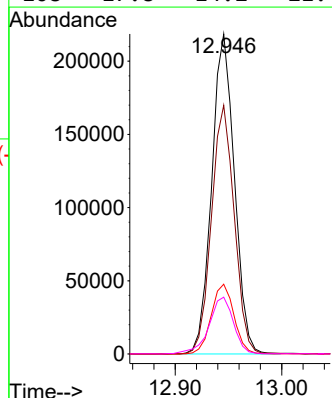
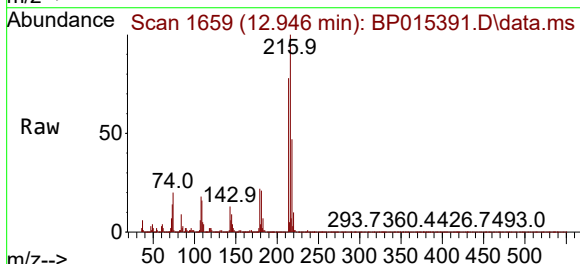
Instrument :
BNA_P
ClientSampleId :
SSTD020627

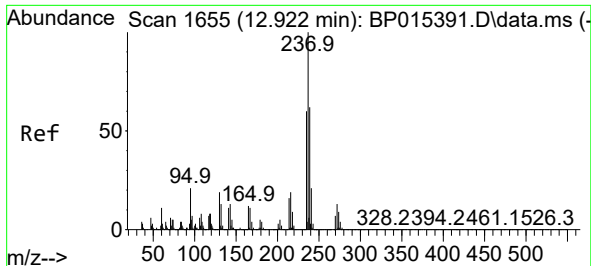
Tgt Ion:142 Resp: 577964
Ion Ratio Lower Upper
142 100
141 89.9 71.9 107.9
116 4.3 3.4 5.2



#39
1,2,4,5-Tetrachlorobenzene
Concen: 21.732 ng/ul
RT: 12.946 min Scan# 1659
Delta R.T. 0.000 min
Lab File: BP015391.D
Acq: 07 Jun 2023 10:42

Tgt Ion:216 Resp: 323475
Ion Ratio Lower Upper
216 100
214 77.7 62.2 93.2
179 21.8 17.4 26.2
108 17.8 14.2 21.4

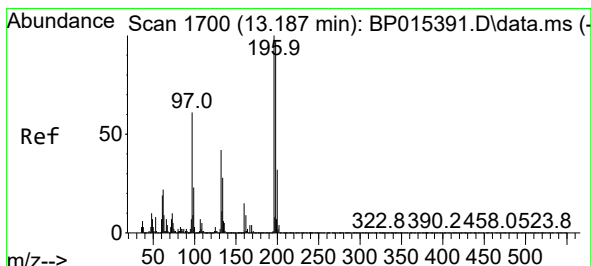
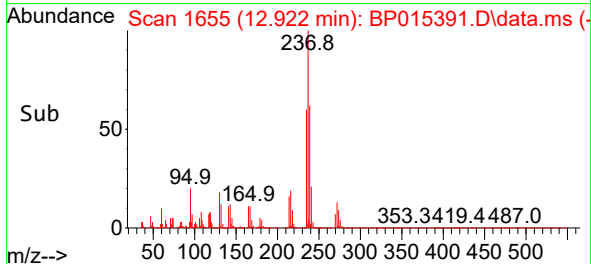
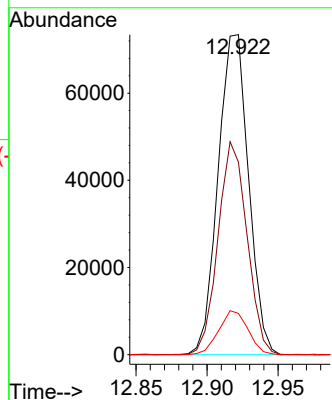
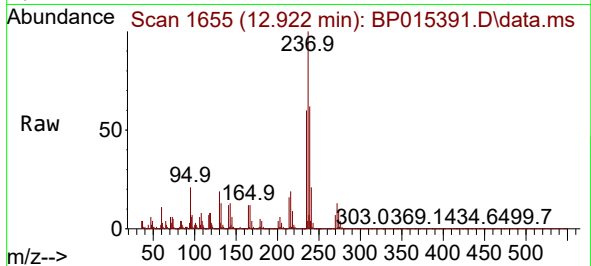




#40
Hexachlorocyclopentadiene
Concen: 17.979 ng/ul
RT: 12.922 min Scan# 10
Delta R.T. 0.000 min
Lab File: BP015391.D
Acq: 07 Jun 2023 10:42

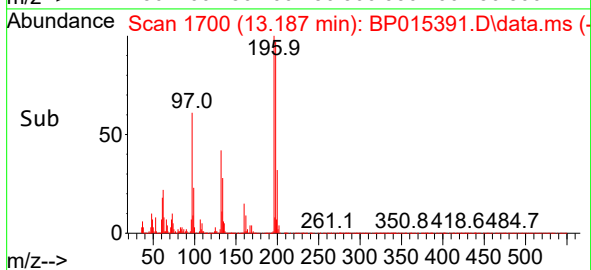
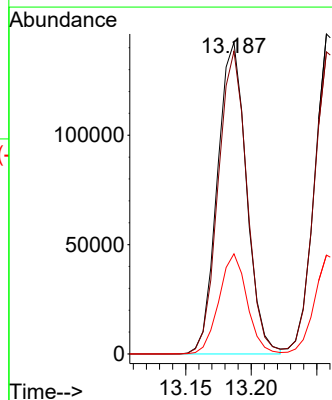
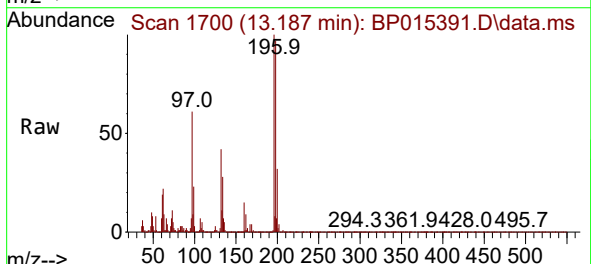
Instrument :
BNA_P
ClientSampleId :
SSTD020627

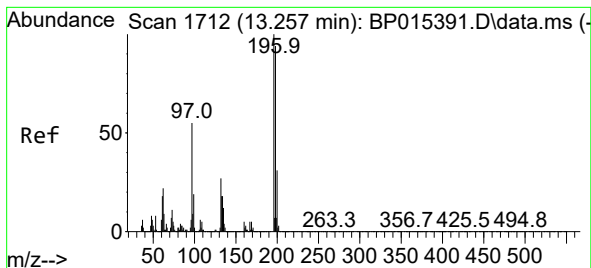
Tgt Ion:237 Resp: 109697
Ion Ratio Lower Upper
237 100
235 60.2 48.2 72.2
272 12.9 10.3 15.5



#41
2,4,6-Trichlorophenol
Concen: 22.155 ng/ul
RT: 13.187 min Scan# 1700
Delta R.T. 0.000 min
Lab File: BP015391.D
Acq: 07 Jun 2023 10:42

Tgt Ion:196 Resp: 219487
Ion Ratio Lower Upper
196 100
198 97.2 77.8 116.6
200 32.2 25.8 38.6





#42

2,4,5-Trichlorophenol

Concen: 21.650 ng/ul

RT: 13.257 min Scan# 1712

Delta R.T. 0.000 min

Lab File: BP015391.D

Acq: 07 Jun 2023 10:42

Instrument :

BNA_P

ClientSampleId :

SSTD020627

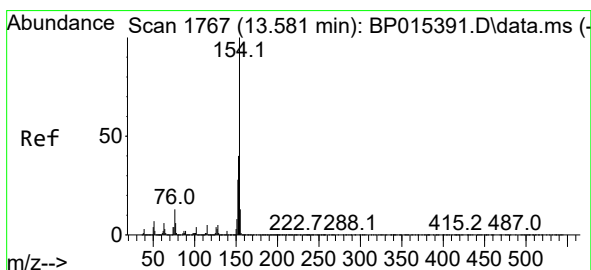
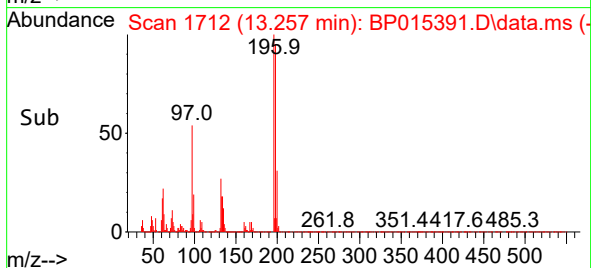
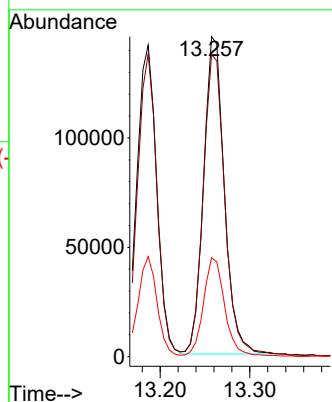
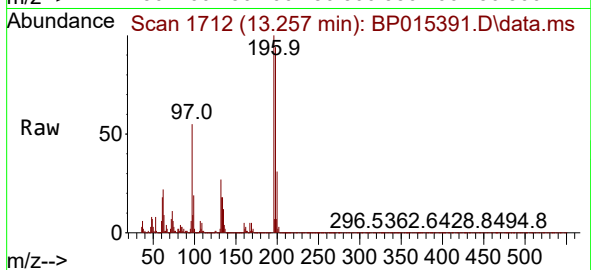
Tgt Ion:196 Resp: 233731

Ion Ratio Lower Upper

196 100

198 94.4 75.5 113.3

200 30.9 24.7 37.1



#43

1,1'-Biphenyl

Concen: 21.659 ng/ul

RT: 13.581 min Scan# 1767

Delta R.T. 0.000 min

Lab File: BP015391.D

Acq: 07 Jun 2023 10:42

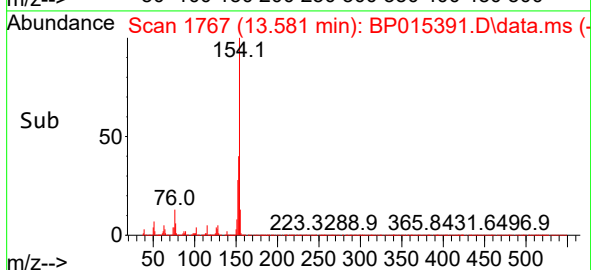
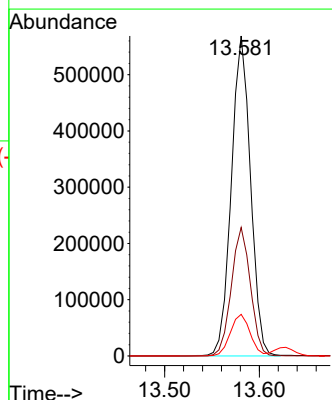
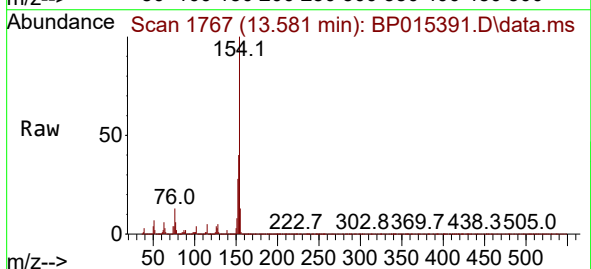
Tgt Ion:154 Resp: 800661

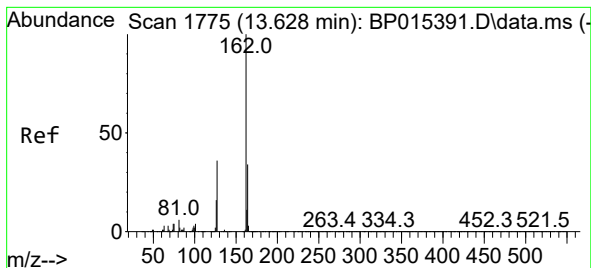
Ion Ratio Lower Upper

154 100

153 40.2 32.2 48.2

76 13.0 10.4 15.6

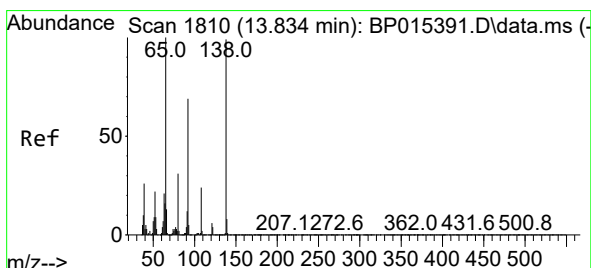
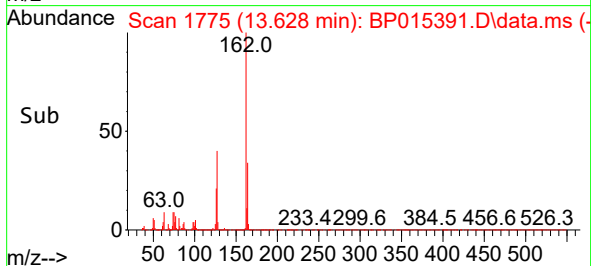
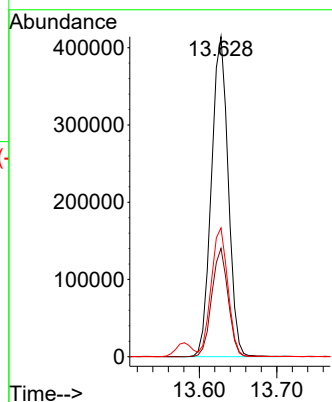
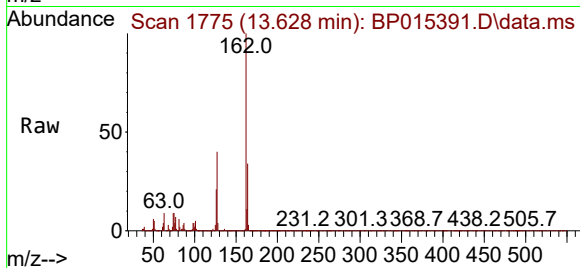




#44
2-Chloronaphthalene
Concen: 21.519 ng/ul
RT: 13.628 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP015391.D
Acq: 07 Jun 2023 10:42

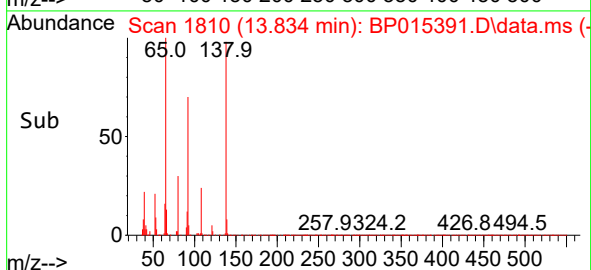
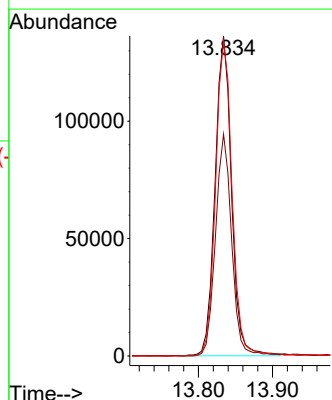
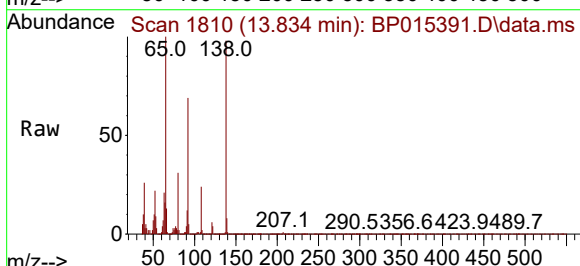
Instrument :
BNA_P
ClientSampleId :
SSTD020627

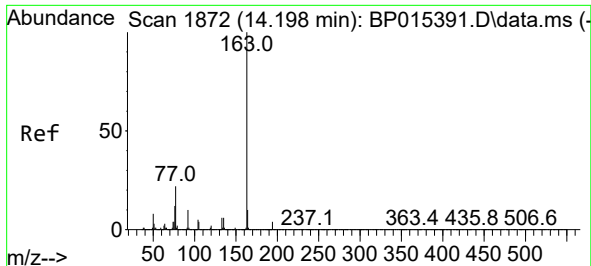
Tgt Ion:162 Resp: 624108
Ion Ratio Lower Upper
162 100
164 33.8 27.0 40.6
127 40.3 32.2 48.4



#45
2-Nitroaniline
Concen: 22.549 ng/ul
RT: 13.834 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BP015391.D
Acq: 07 Jun 2023 10:42

Tgt Ion: 65 Resp: 209312
Ion Ratio Lower Upper
65 100
92 69.3 55.4 83.2
138 98.5 78.8 118.2

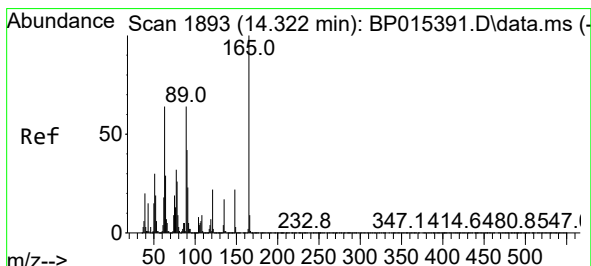
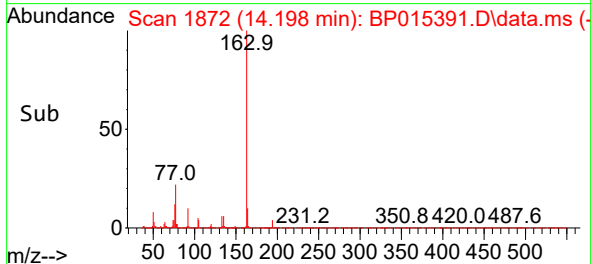
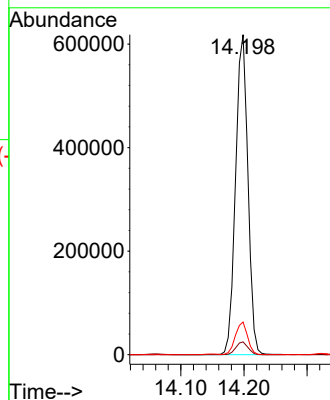
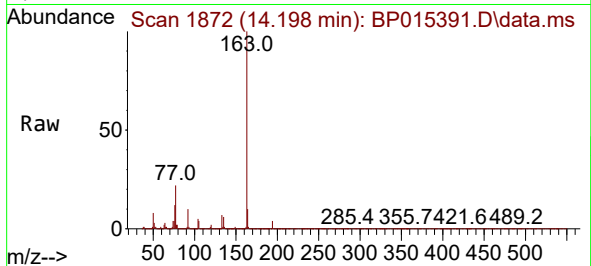




#47
Dimethylphthalate
Concen: 21.524 ng/ul
RT: 14.198 min Scan# 1872
Delta R.T. 0.000 min
Lab File: BP015391.D
Acq: 07 Jun 2023 10:42

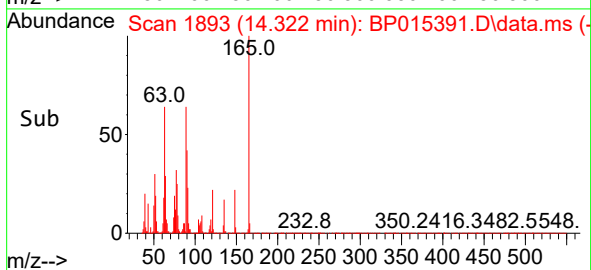
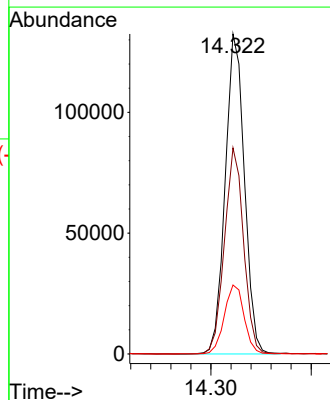
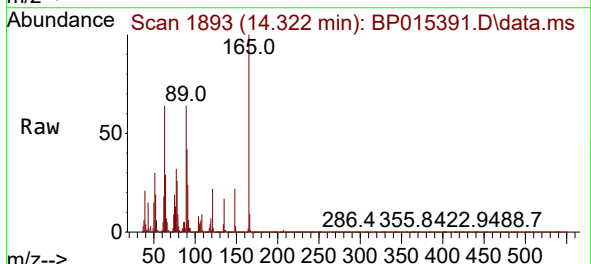
Instrument :
BNA_P
ClientSampleId :
SSTD020627

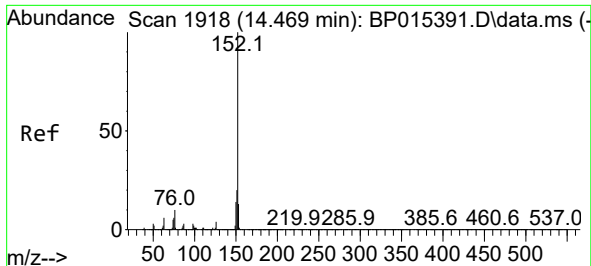
Tgt Ion:163 Resp: 837670
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.2 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 22.063 ng/ul
RT: 14.322 min Scan# 1893
Delta R.T. 0.000 min
Lab File: BP015391.D
Acq: 07 Jun 2023 10:42

Tgt Ion:165 Resp: 175922
Ion Ratio Lower Upper
165 100
89 64.4 51.5 77.3
121 21.6 17.3 25.9

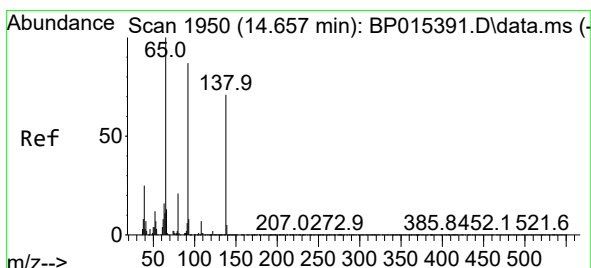
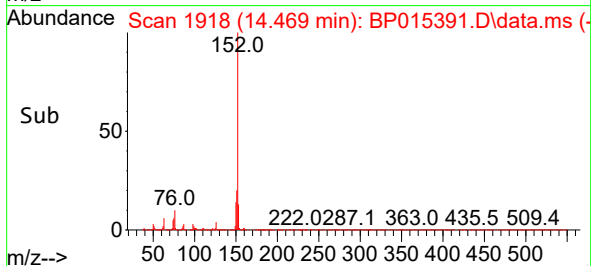
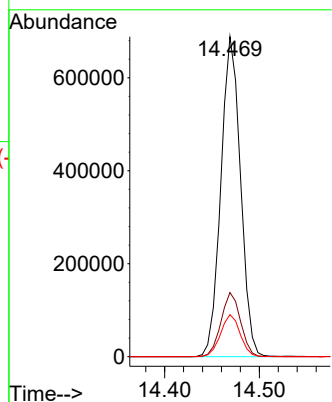
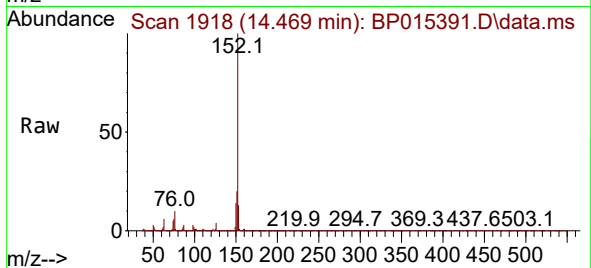




#50
Acenaphthylene
Concen: 21.739 ng/ul
RT: 14.469 min Scan# 1918
Delta R.T. 0.000 min
Lab File: BP015391.D
Acq: 07 Jun 2023 10:42

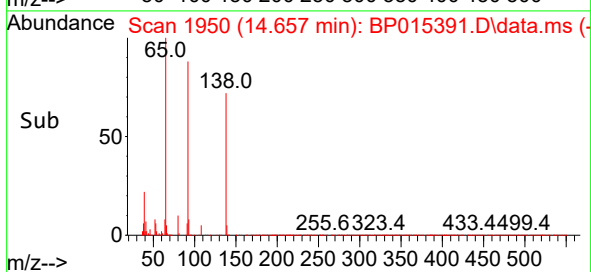
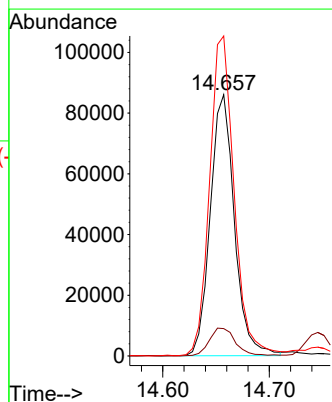
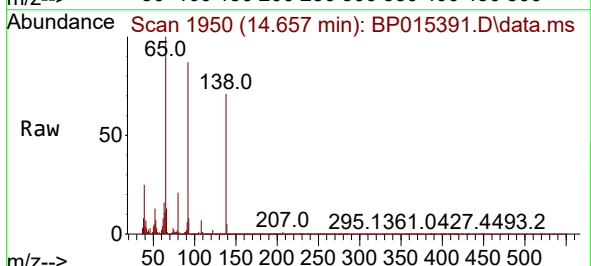
Instrument :
BNA_P
ClientSampleId :
SSTD020627

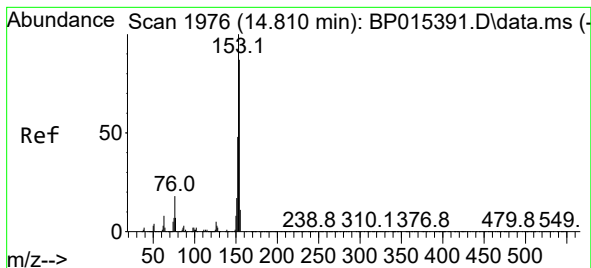
Tgt Ion:152 Resp: 992237
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.2 10.6 15.8



#51
3-Nitroaniline
Concen: 20.579 ng/ul
RT: 14.657 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BP015391.D
Acq: 07 Jun 2023 10:42

Tgt Ion:138 Resp: 135457
Ion Ratio Lower Upper
138 100
108 10.5 8.4 12.6
92 122.5 98.0 147.0





#52

Acenaphthene

Concen: 21.620 ng/ul

RT: 14.810 min Scan# 1976

Delta R.T. 0.000 min

Lab File: BP015391.D

Acq: 07 Jun 2023 10:42

Instrument :

BNA_P

ClientSampleId :

SSTD020627

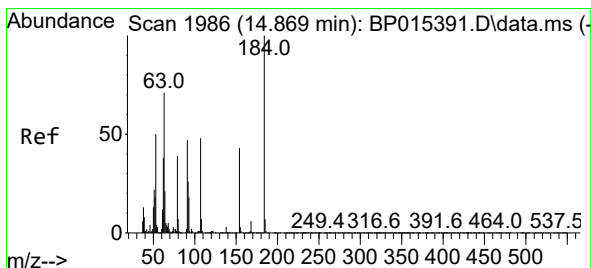
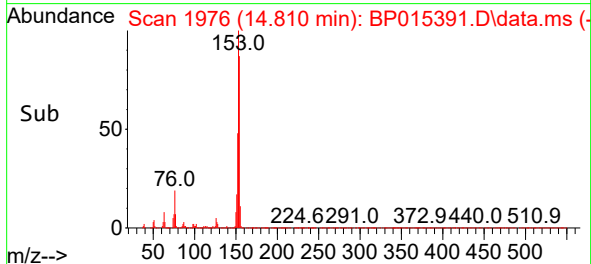
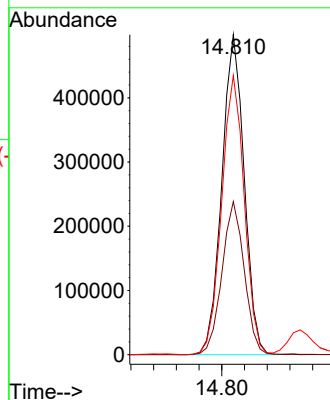
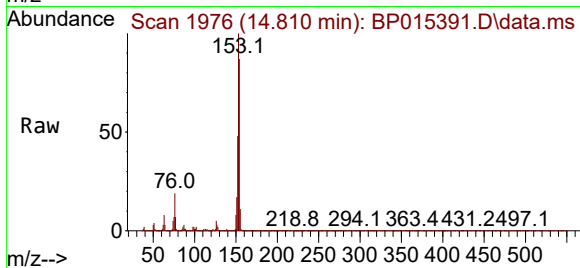
Tgt Ion:153 Resp: 682129

Ion Ratio Lower Upper

153 100

152 47.9 38.3 57.5

154 87.2 69.8 104.6



#53

2,4-Dinitrophenol

Concen: 19.369 ng/ul

RT: 14.869 min Scan# 1986

Delta R.T. 0.000 min

Lab File: BP015391.D

Acq: 07 Jun 2023 10:42

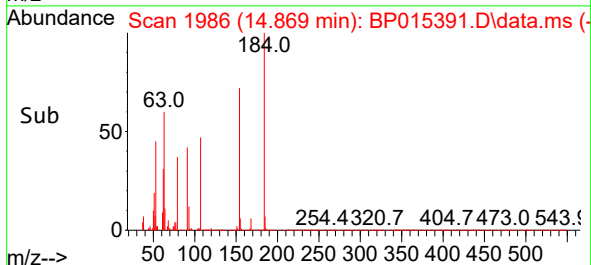
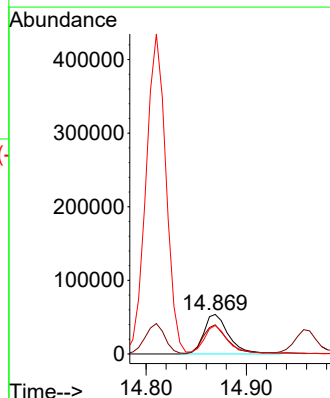
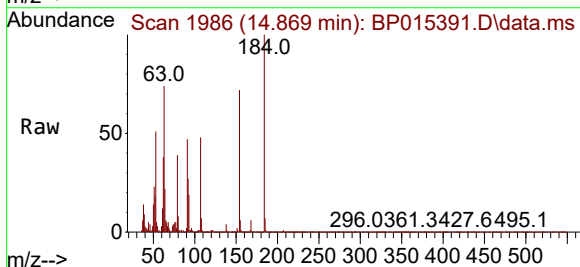
Tgt Ion:184 Resp: 92905

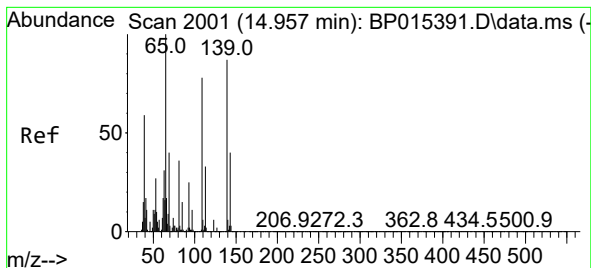
Ion Ratio Lower Upper

184 100

63 73.7 59.0 88.4

154 72.0 57.6 86.4

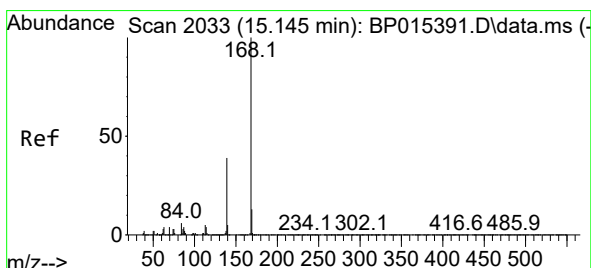
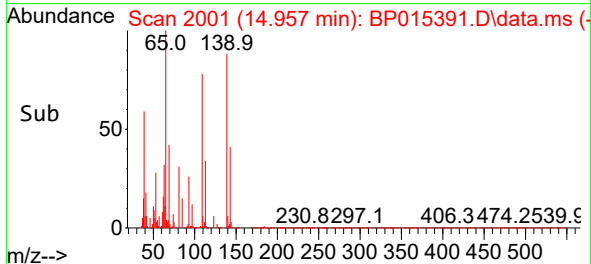
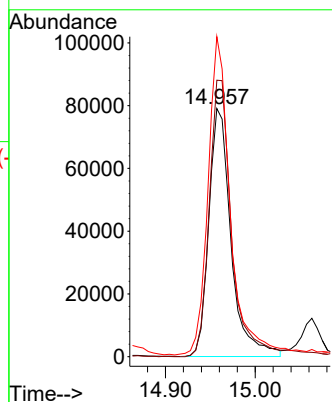
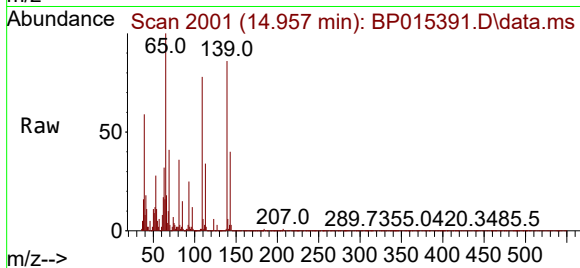




#55
4-Nitrophenol
Concen: 20.906 ng/ul
RT: 14.957 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BP015391.D
Acq: 07 Jun 2023 10:42

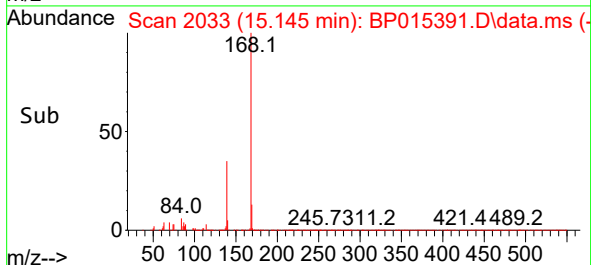
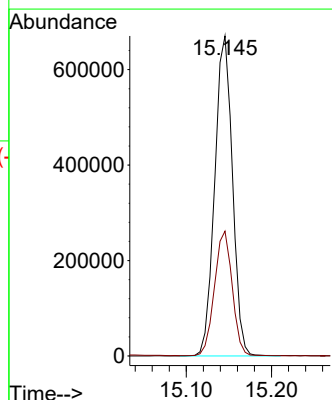
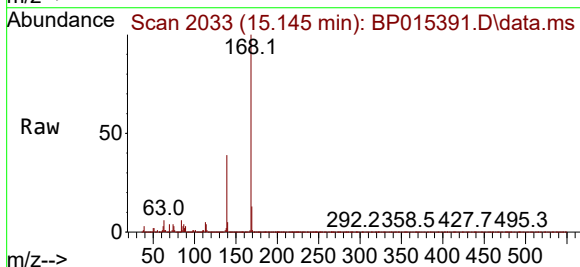
Instrument :
BNA_P
ClientSampleId :
SSTD020627

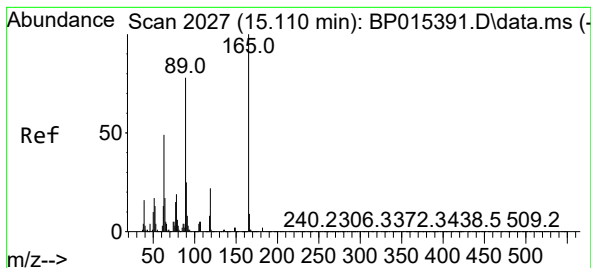
Tgt Ion:109 Resp: 136121
Ion Ratio Lower Upper
109 100
139 111.4 89.1 133.7
65 128.9 103.1 154.7



#56
Dibenzofuran
Concen: 21.689 ng/ul
RT: 15.145 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BP015391.D
Acq: 07 Jun 2023 10:42

Tgt Ion:168 Resp: 969879
Ion Ratio Lower Upper
168 100
139 39.0 31.2 46.8





#57

2,4-Dinitrotoluene

Concen: 22.246 ng/ul

RT: 15.110 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BP015391.D

Acq: 07 Jun 2023 10:42

Instrument :

BNA_P

ClientSampleId :

SSTD020627

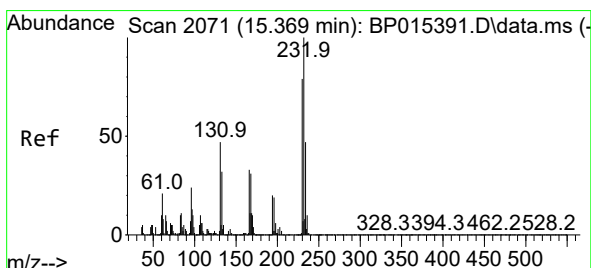
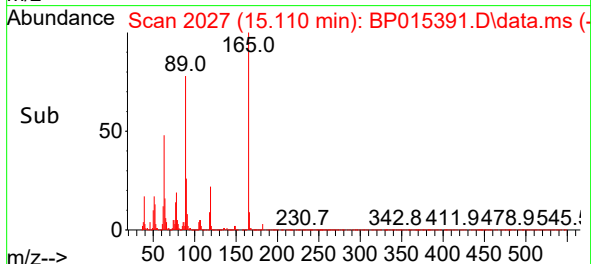
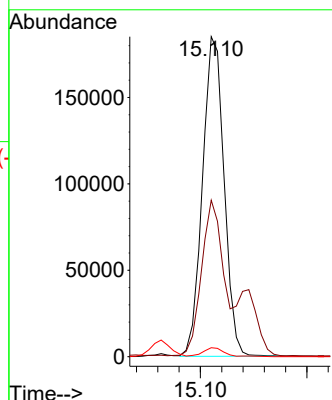
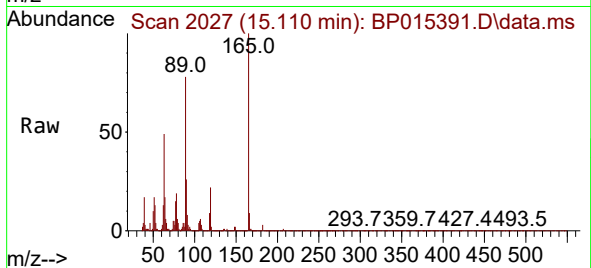
Tgt Ion:165 Resp: 260887

Ion Ratio Lower Upper

165 100

63 48.9 39.1 58.7

182 2.8 2.2 3.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 21.935 ng/ul

RT: 15.369 min Scan# 2071

Delta R.T. 0.000 min

Lab File: BP015391.D

Acq: 07 Jun 2023 10:42

Tgt Ion:232 Resp: 213812

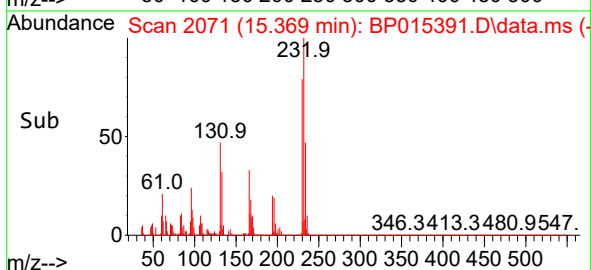
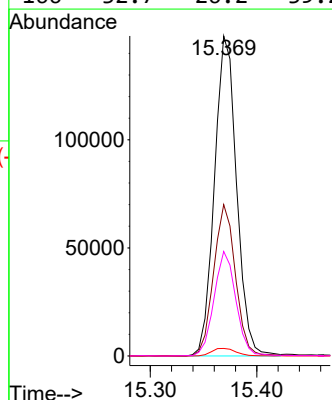
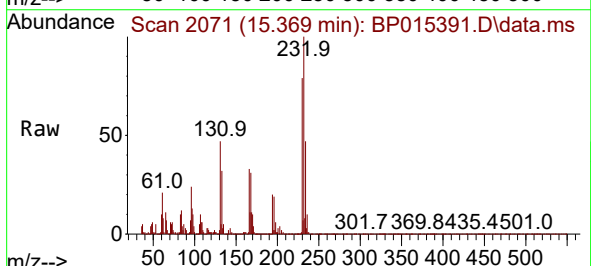
Ion Ratio Lower Upper

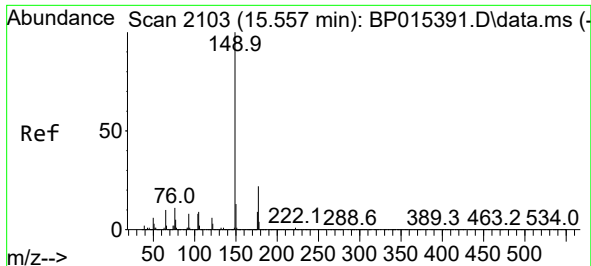
232 100

131 47.3 37.8 56.8

130 2.4 1.9 2.9

166 32.7 26.2 39.2

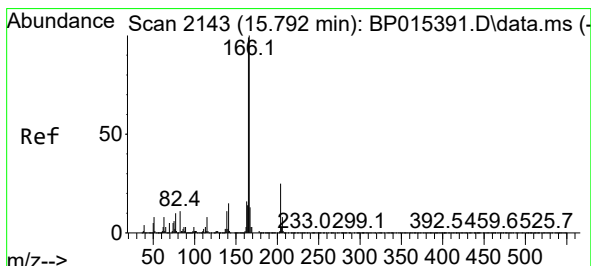
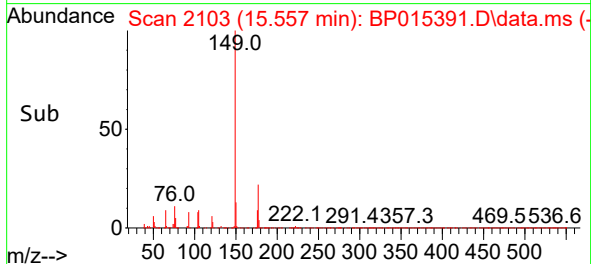
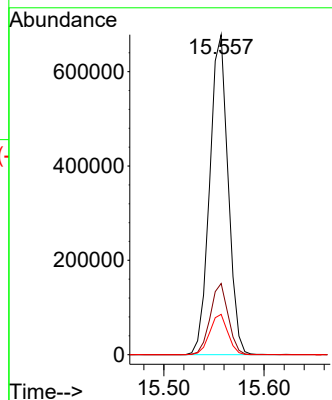
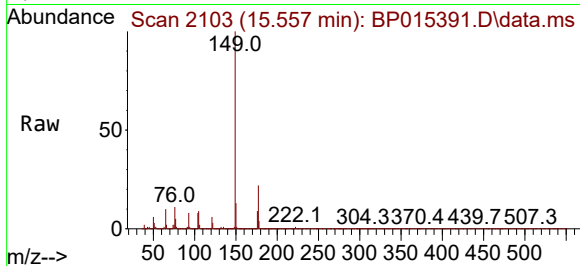




#59
Diethylphthalate
Concen: 21.689 ng/ul
RT: 15.557 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BP015391.D
Acq: 07 Jun 2023 10:42

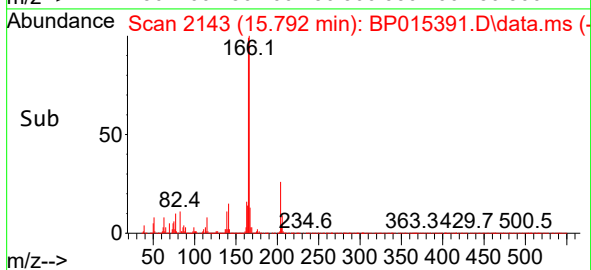
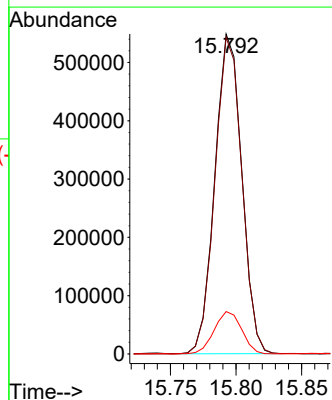
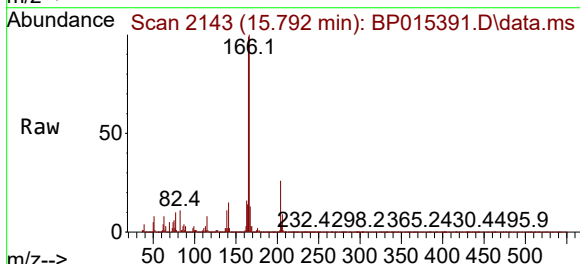
Instrument :
BNA_P
ClientSampleId :
SSTD020627

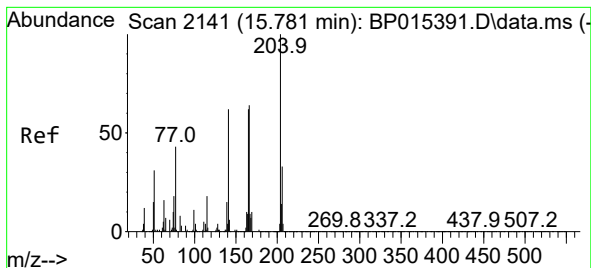
Tgt Ion:149 Resp: 865108
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.8
150 12.6 10.1 15.1



#61
Fluorene
Concen: 21.498 ng/ul
RT: 15.792 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BP015391.D
Acq: 07 Jun 2023 10:42

Tgt Ion:166 Resp: 783677
Ion Ratio Lower Upper
166 100
165 98.9 79.1 118.7
167 13.3 10.6 16.0

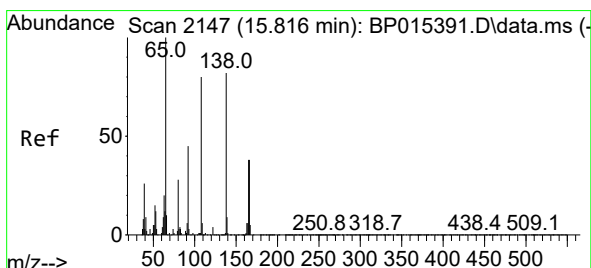
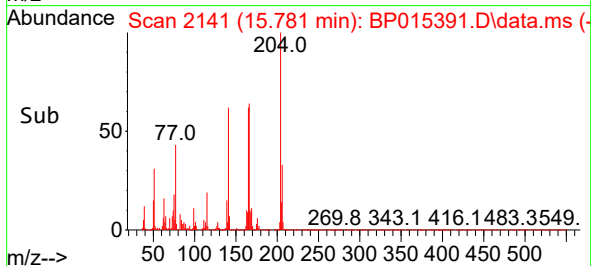
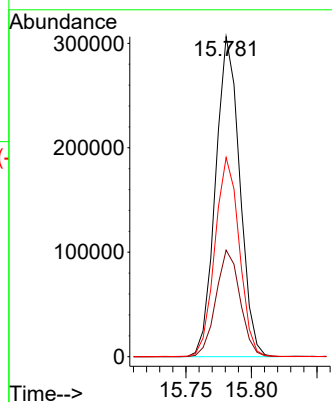
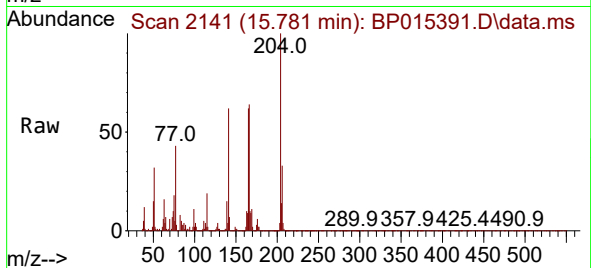




#62
4-Chlorophenyl-phenylether
Concen: 21.365 ng/ul
RT: 15.781 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BP015391.D
Acq: 07 Jun 2023 10:42

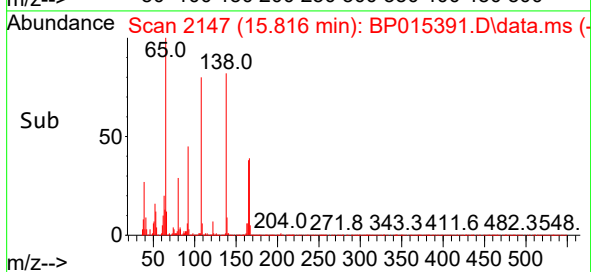
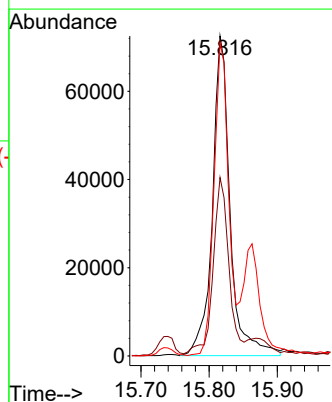
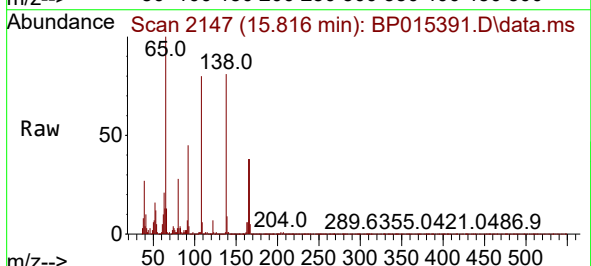
Instrument :
BNA_P
ClientSampleId :
SSTD020627

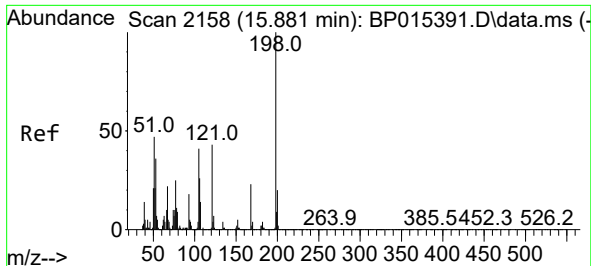
Tgt Ion:204 Resp: 392523
Ion Ratio Lower Upper
204 100
206 33.3 26.6 40.0
141 62.3 49.8 74.8



#63
4-Nitroaniline
Concen: 21.146 ng/ul
RT: 15.816 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BP015391.D
Acq: 07 Jun 2023 10:42

Tgt Ion:138 Resp: 131083
Ion Ratio Lower Upper
138 100
92 55.8 44.6 67.0
108 98.0 78.4 117.6

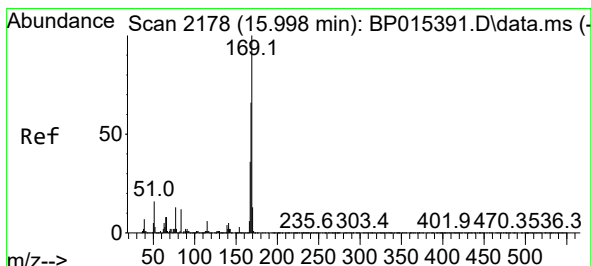
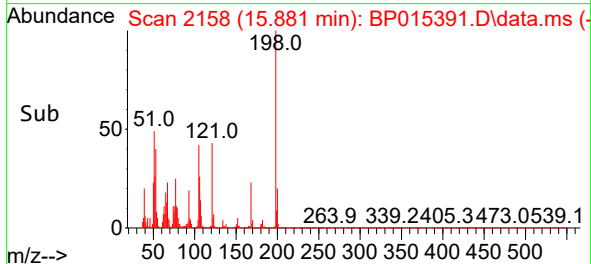
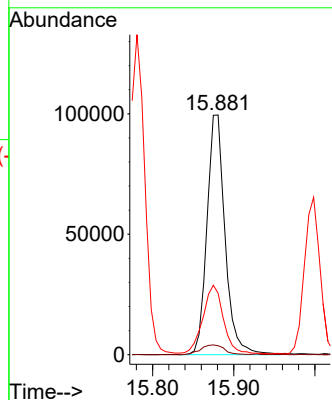
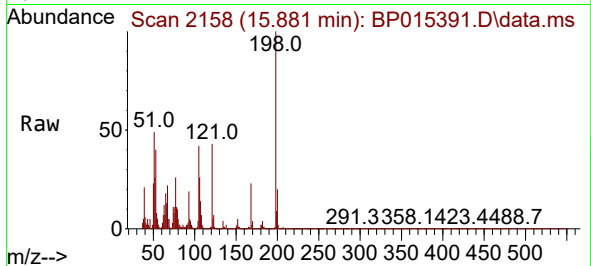




#66
4,6-Dinitro-2-methylphenol
Concen: 21.146 ng/ul
RT: 15.881 min Scan# 2158
Delta R.T. 0.000 min
Lab File: BP015391.D
Acq: 07 Jun 2023 10:42

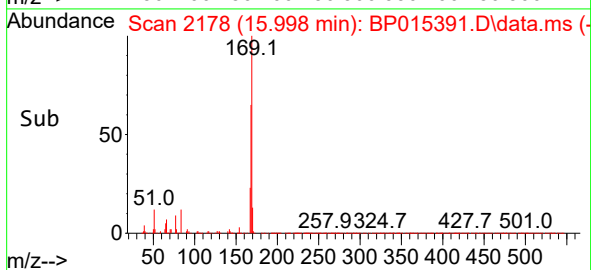
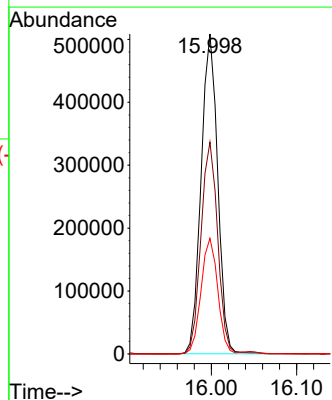
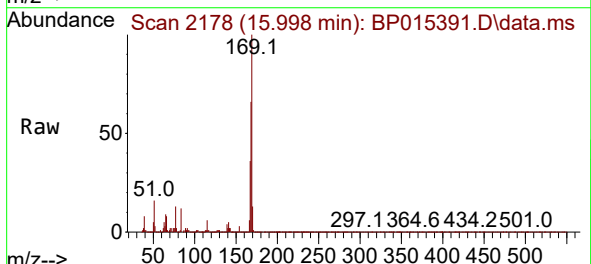
Instrument :
BNA_P
ClientSampleId :
SSTD020627

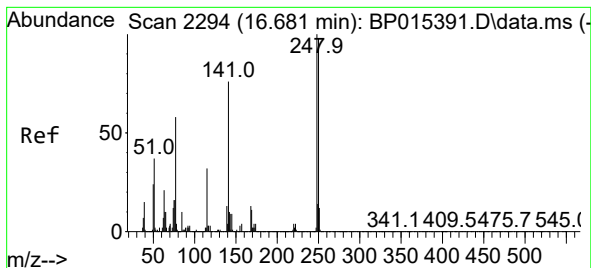
Tgt Ion:198 Resp: 154297
Ion Ratio Lower Upper
198 100
182 3.7 3.0 4.4
77 25.6 20.5 30.7



#67
N-Nitrosodiphenylamine
Concen: 21.469 ng/ul
RT: 15.998 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BP015391.D
Acq: 07 Jun 2023 10:42

Tgt Ion:169 Resp: 687840
Ion Ratio Lower Upper
169 100
168 66.2 53.0 79.4
167 36.1 28.9 43.3

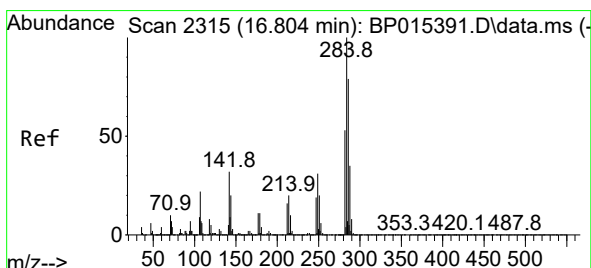
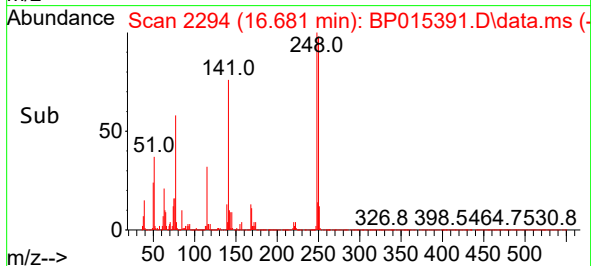
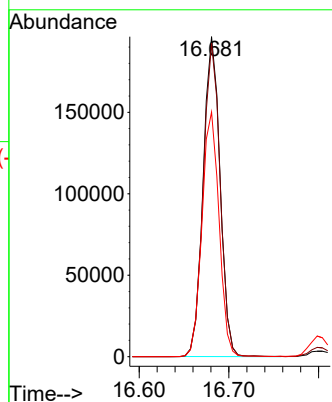
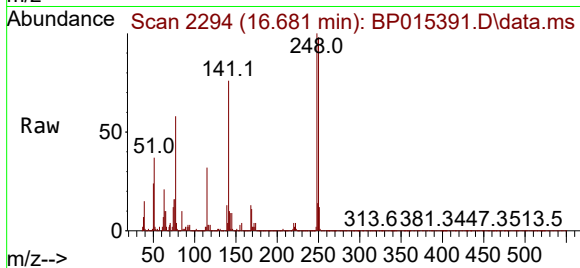




#68
4-Bromophenyl-phenylether
Concen: 21.255 ng/ul
RT: 16.681 min Scan# 2294
Delta R.T. 0.000 min
Lab File: BP015391.D
Acq: 07 Jun 2023 10:42

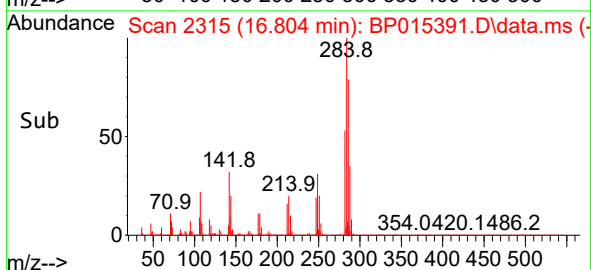
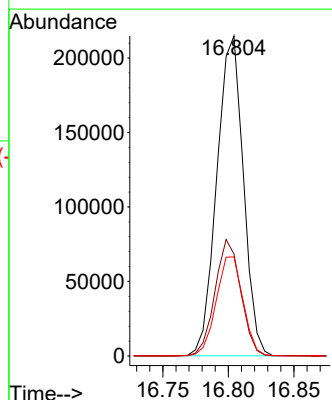
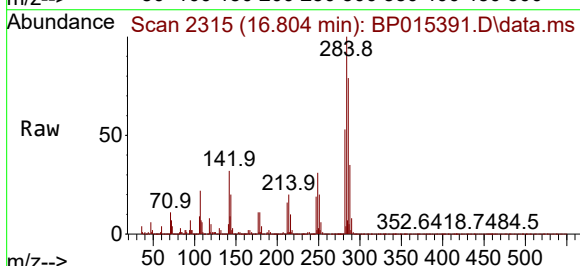
Instrument :
BNA_P
ClientSampleId :
SSTD020627

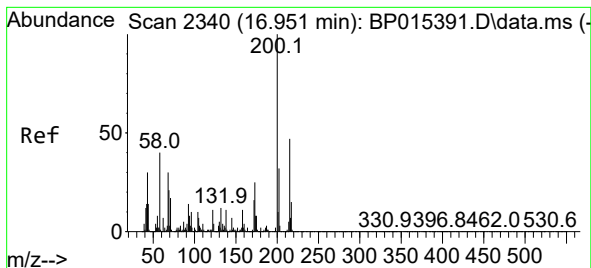
Tgt Ion:248 Resp: 256803
Ion Ratio Lower Upper
248 100
250 97.9 78.3 117.5
141 76.4 61.1 91.7



#69
Hexachlorobenzene
Concen: 21.171 ng/ul
RT: 16.804 min Scan# 2315
Delta R.T. 0.000 min
Lab File: BP015391.D
Acq: 07 Jun 2023 10:42

Tgt Ion:284 Resp: 301719
Ion Ratio Lower Upper
284 100
142 31.8 25.4 38.2
249 31.0 24.8 37.2





#70

Atrazine

Concen: 21.579 ng/ul

RT: 16.951 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015391.D

Acq: 07 Jun 2023 10:42

Instrument :

BNA_P

ClientSampleId :

SSTD020627

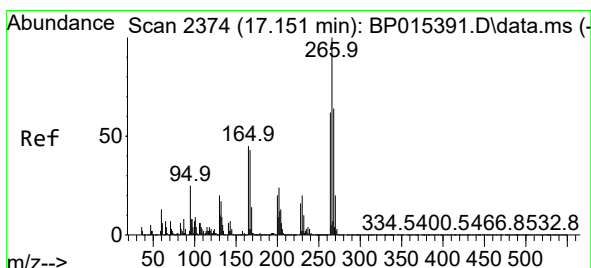
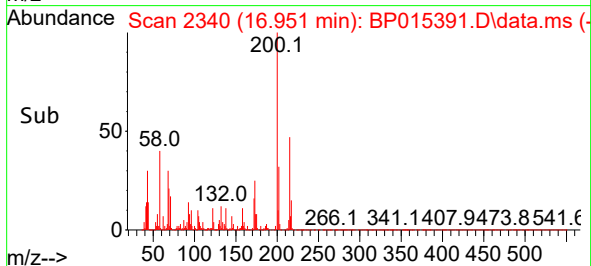
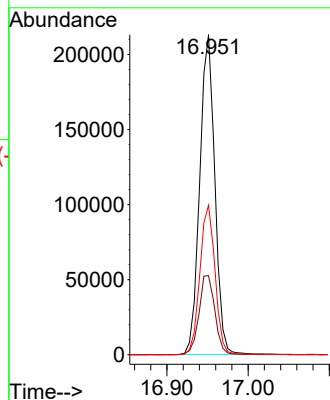
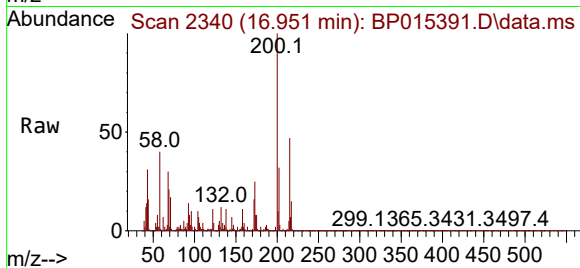
Tgt Ion:200 Resp: 276080

Ion Ratio Lower Upper

200 100

173 24.7 19.8 29.6

215 46.7 37.4 56.0



#71

Pentachlorophenol

Concen: 19.612 ng/ul

RT: 17.151 min Scan# 2374

Delta R.T. 0.000 min

Lab File: BP015391.D

Acq: 07 Jun 2023 10:42

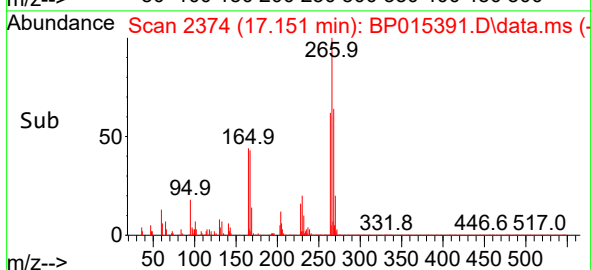
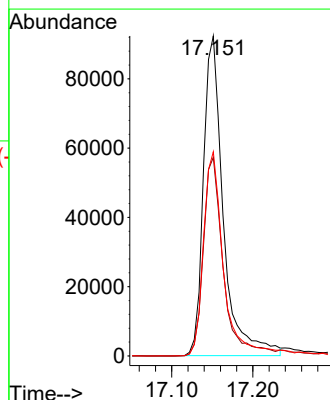
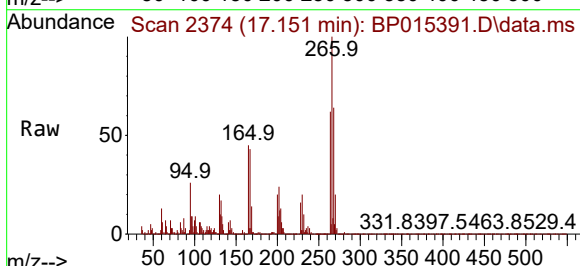
Tgt Ion:266 Resp: 157047

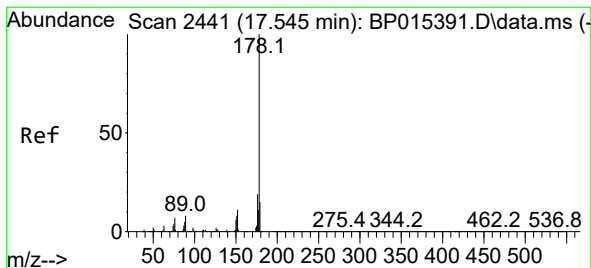
Ion Ratio Lower Upper

266 100

264 62.0 49.6 74.4

268 63.8 51.0 76.6





#72

Phenanthrene

Concen: 21.355 ng/ul

RT: 17.545 min Scan# 2441

Delta R.T. 0.000 min

Lab File: BP015391.D

Acq: 07 Jun 2023 10:42

Instrument :

BNA_P

ClientSampleId :

SSTD020627

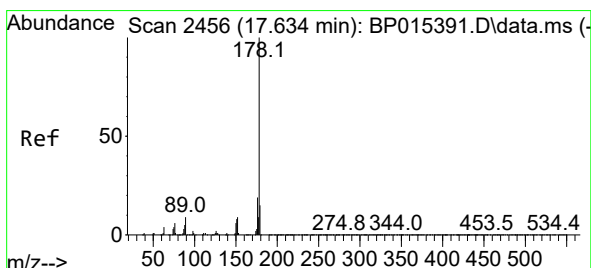
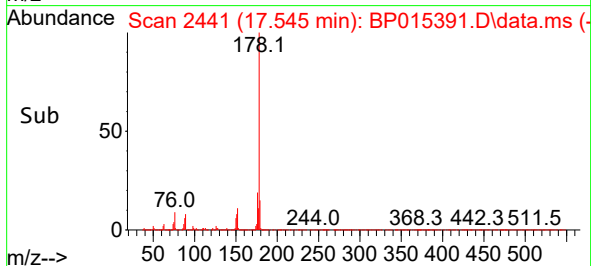
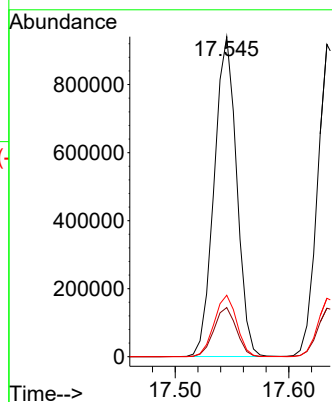
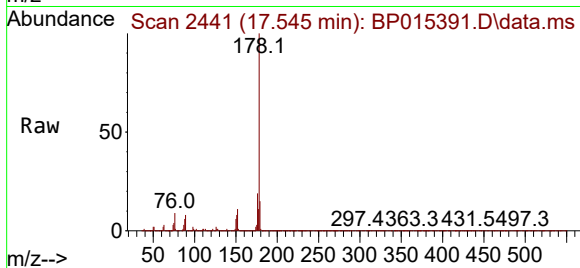
Tgt Ion:178 Resp: 1294194

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

176 19.2 15.4 23.0



#74

Anthracene

Concen: 21.328 ng/ul

RT: 17.634 min Scan# 2456

Delta R.T. 0.000 min

Lab File: BP015391.D

Acq: 07 Jun 2023 10:42

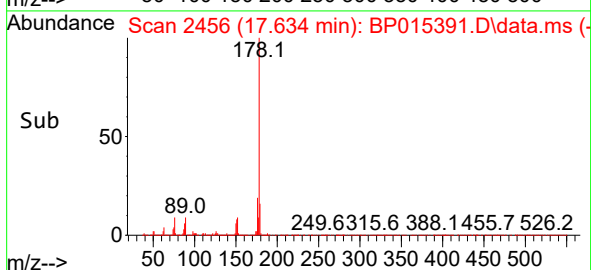
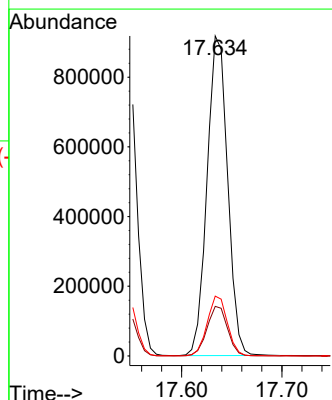
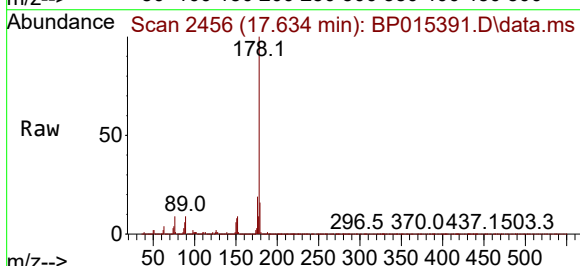
Tgt Ion:178 Resp: 1311462

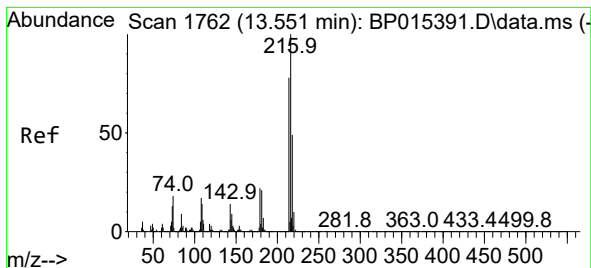
Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

176 18.7 15.0 22.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 21.302 ng/uL

RT: 13.551 min Scan# 1762

Delta R.T. 0.000 min

Lab File: BP015391.D

Acq: 07 Jun 2023 10:42

Instrument :

BNA_P

ClientSampleId :

SSTD020627

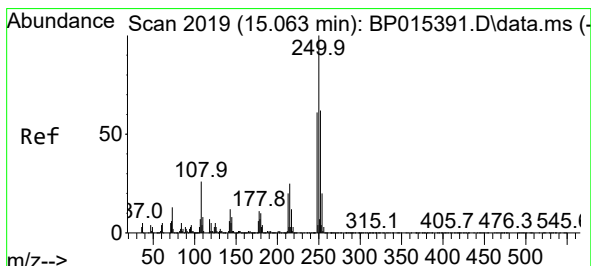
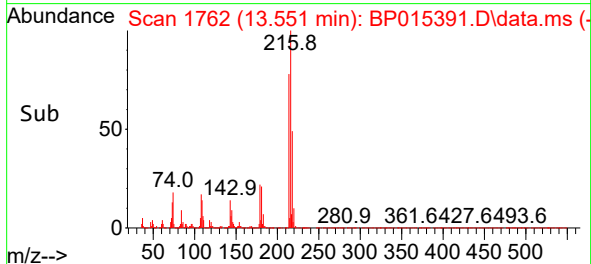
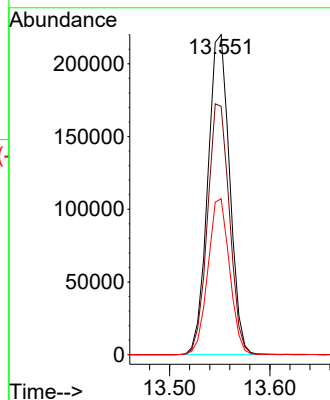
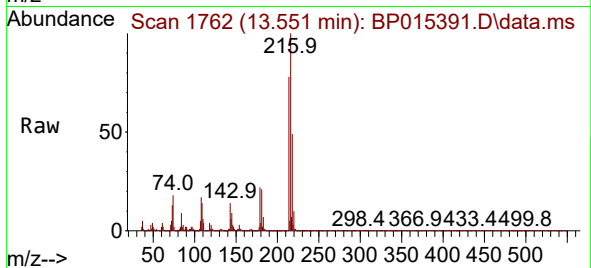
Tgt Ion:216 Resp: 332014

Ion Ratio Lower Upper

216 100

214 77.6 62.1 93.1

218 48.7 39.0 58.4



#76

Pentachlorobenzene

Concen: 21.392 ng/uL

RT: 15.063 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BP015391.D

Acq: 07 Jun 2023 10:42

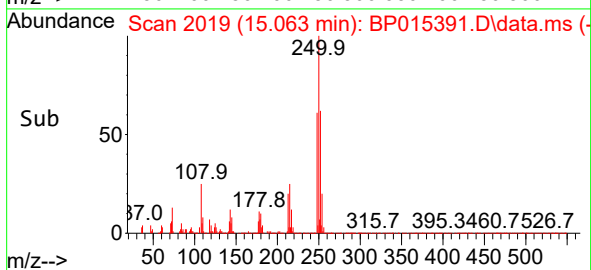
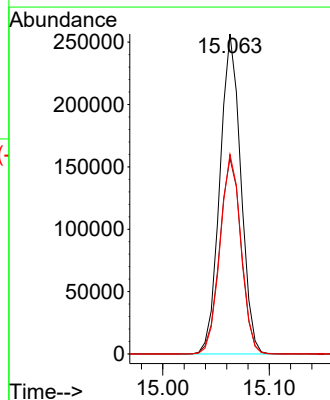
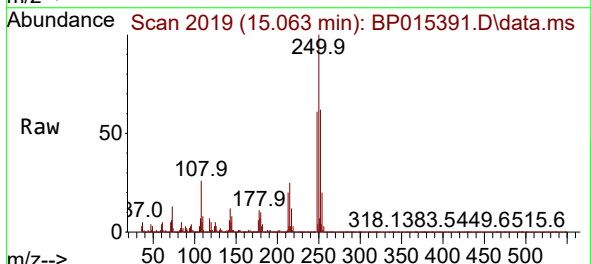
Tgt Ion:250 Resp: 349095

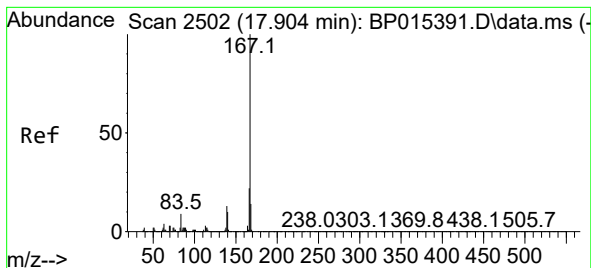
Ion Ratio Lower Upper

250 100

248 61.2 49.0 73.4

252 62.4 49.9 74.9





#77

Carbazole

Concen: 22.072 ng/ul

RT: 17.904 min Scan# 2502

Delta R.T. 0.000 min

Lab File: BP015391.D

Acq: 07 Jun 2023 10:42

Instrument :

BNA_P

ClientSampleId :

SSTD020627

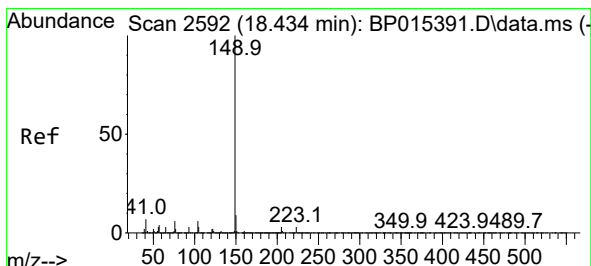
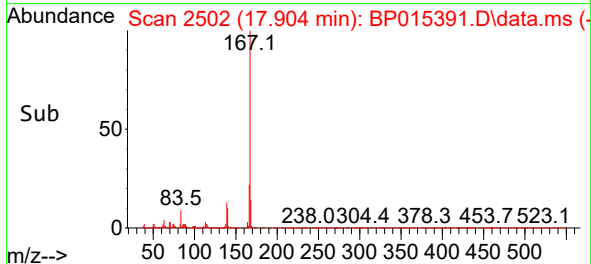
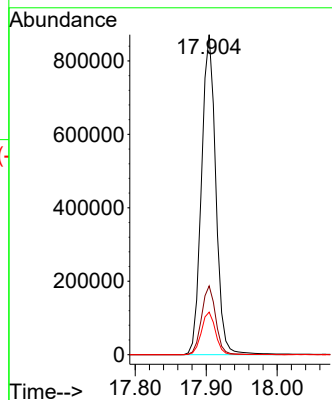
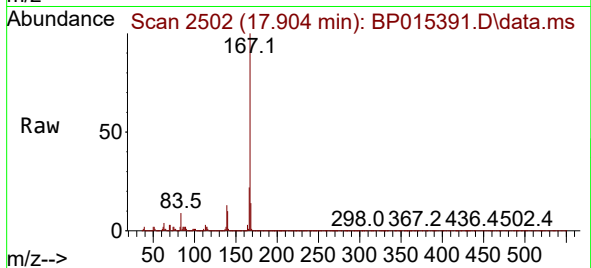
Tgt Ion:167 Resp: 1222038

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

139 13.3 10.6 16.0



#78

Di-n-butylphthalate

Concen: 21.626 ng/ul

RT: 18.434 min Scan# 2592

Delta R.T. 0.000 min

Lab File: BP015391.D

Acq: 07 Jun 2023 10:42

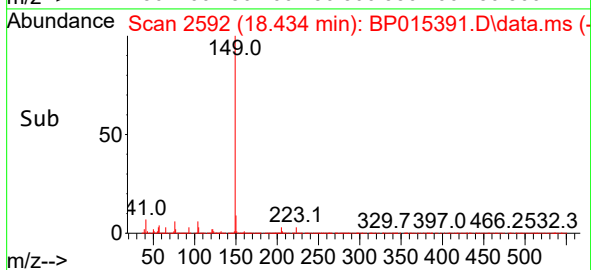
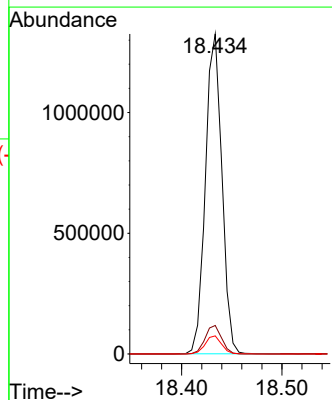
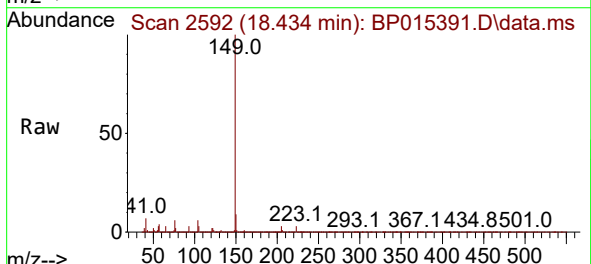
Tgt Ion:149 Resp: 1519189

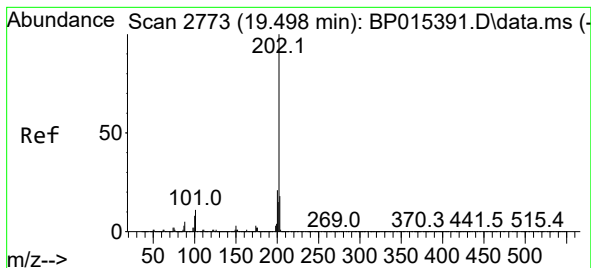
Ion Ratio Lower Upper

149 100

150 8.9 7.1 10.7

104 5.6 4.5 6.7





#80

Fluoranthene

Concen: 21.102 ng/ul

RT: 19.498 min Scan# 2773

Delta R.T. 0.000 min

Lab File: BP015391.D

Acq: 07 Jun 2023 10:42

Instrument :

BNA_P

ClientSampleId :

SSTD020627

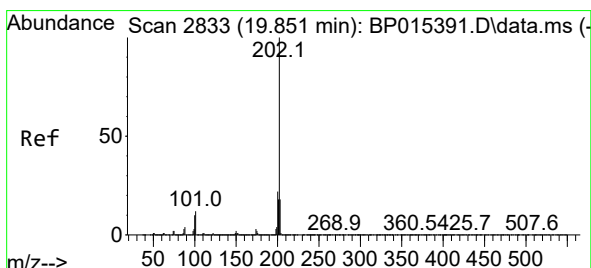
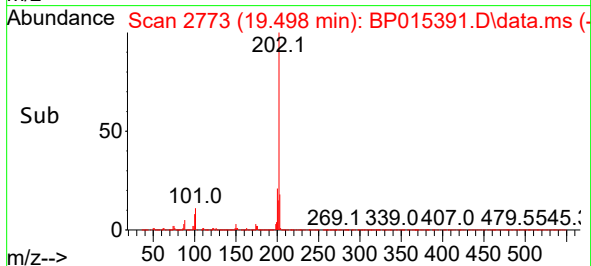
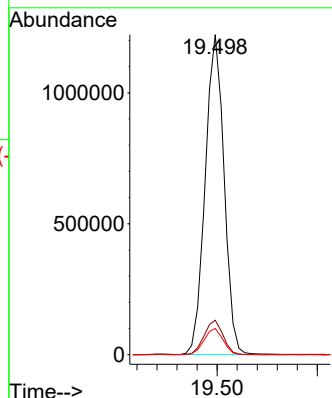
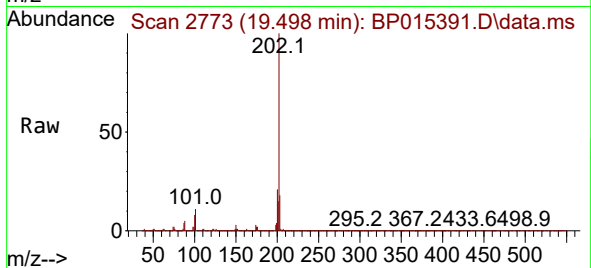
Tgt Ion:202 Resp: 1600104

Ion Ratio Lower Upper

202 100

101 10.8 8.6 13.0

100 8.2 6.6 9.8



#82

Pyrene

Concen: 21.154 ng/ul

RT: 19.851 min Scan# 2833

Delta R.T. 0.000 min

Lab File: BP015391.D

Acq: 07 Jun 2023 10:42

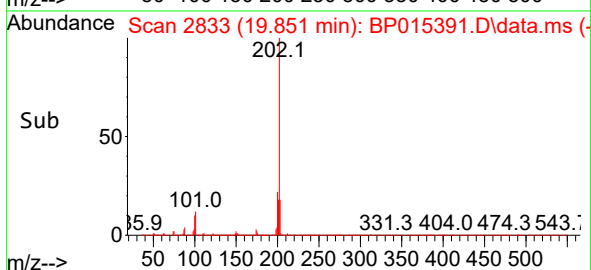
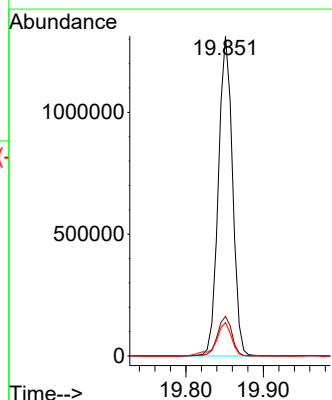
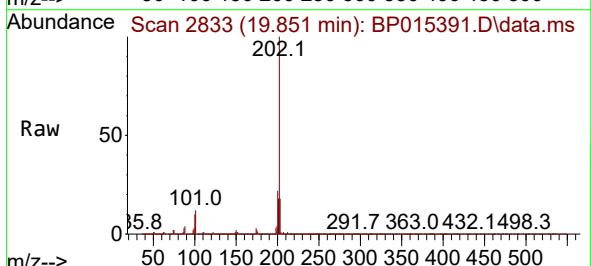
Tgt Ion:202 Resp: 1659566

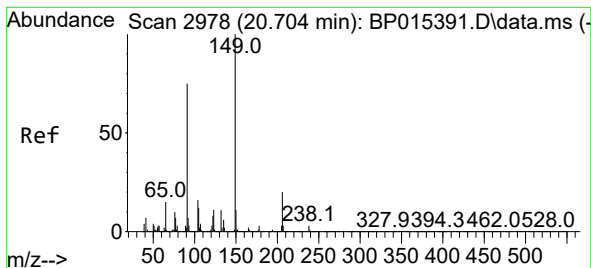
Ion Ratio Lower Upper

202 100

101 12.4 9.9 14.9

100 10.5 8.4 12.6





#83

Butylbenzylphthalate

Concen: 21.593 ng/ul

RT: 20.704 min Scan# 2978

Delta R.T. 0.000 min

Lab File: BP015391.D

Acq: 07 Jun 2023 10:42

Instrument :

BNA_P

ClientSampleId :

SSTD020627

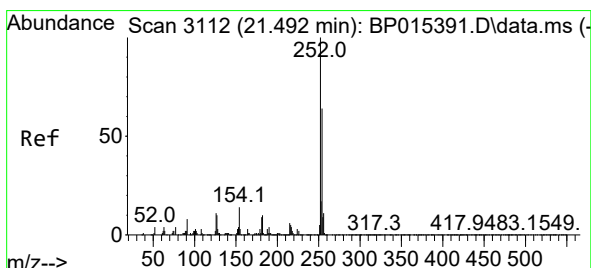
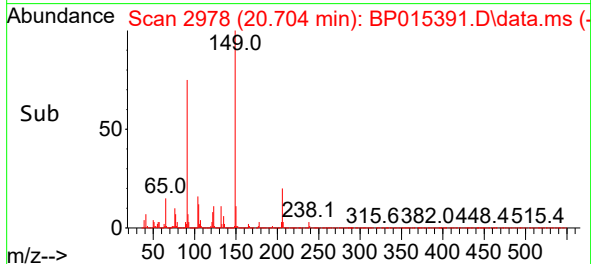
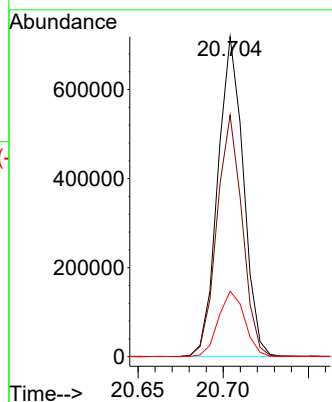
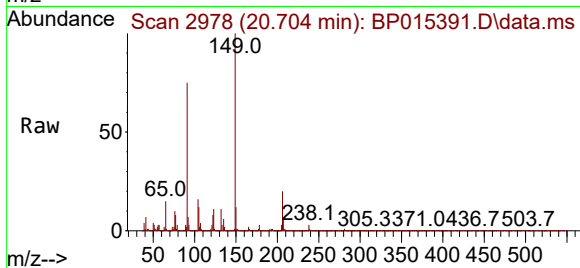
Tgt Ion:149 Resp: 748706

Ion Ratio Lower Upper

149 100

91 75.5 60.4 90.6

206 20.5 16.4 24.6



#84

3,3'-Dichlorobenzidine

Concen: 21.456 ng/ul

RT: 21.492 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BP015391.D

Acq: 07 Jun 2023 10:42

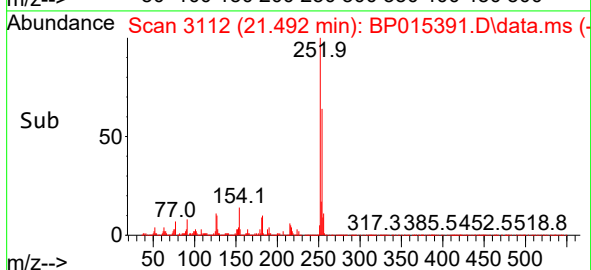
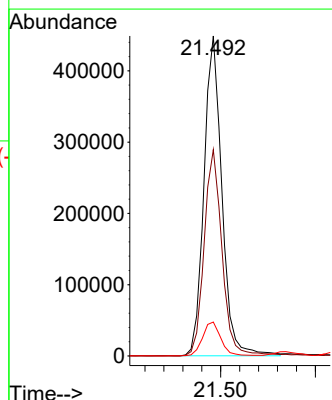
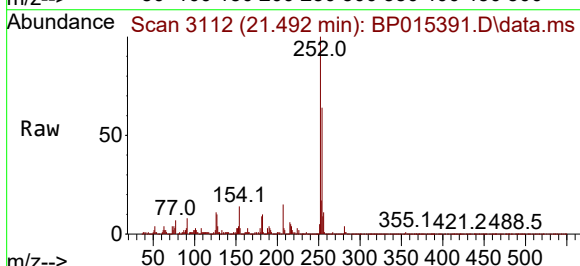
Tgt Ion:252 Resp: 589593

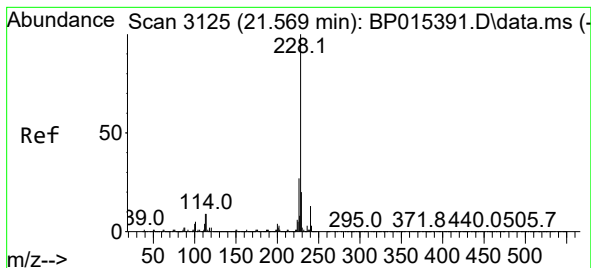
Ion Ratio Lower Upper

252 100

254 64.5 51.6 77.4

126 10.6 8.5 12.7





#85

Benzo(a)anthracene

Concen: 21.458 ng/ul

RT: 21.569 min Scan# 3125

Delta R.T. 0.000 min

Lab File: BP015391.D

Acq: 07 Jun 2023 10:42

Instrument :

BNA_P

ClientSampleId :

SSTD020627

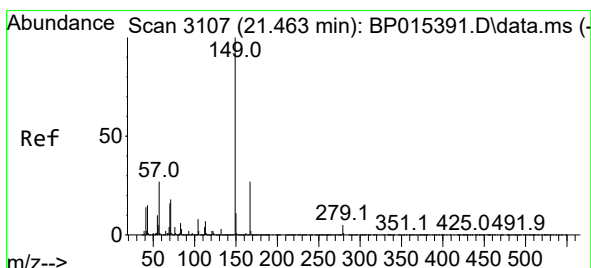
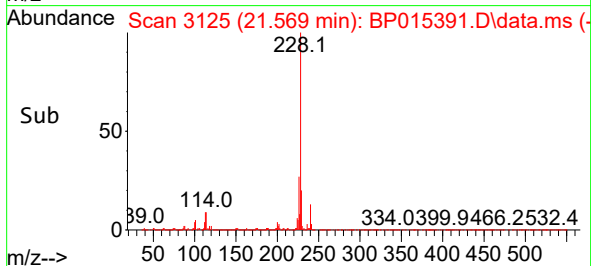
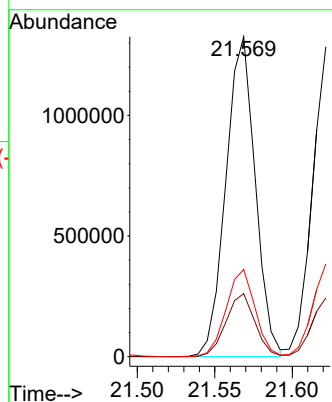
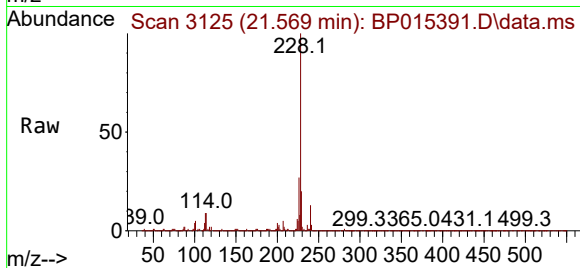
Tgt Ion:228 Resp: 1744784

Ion Ratio Lower Upper

228 100

229 19.7 15.8 23.6

226 27.2 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 21.770 ng/ul

RT: 21.463 min Scan# 3107

Delta R.T. 0.000 min

Lab File: BP015391.D

Acq: 07 Jun 2023 10:42

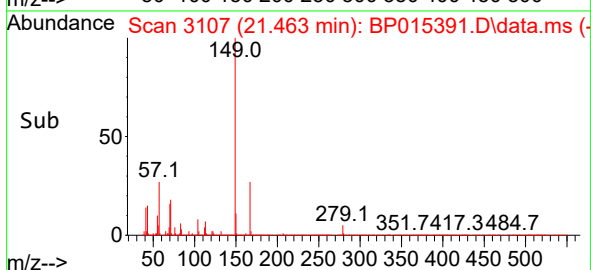
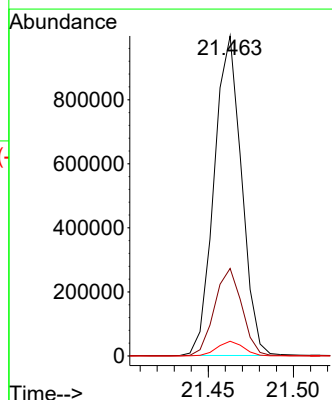
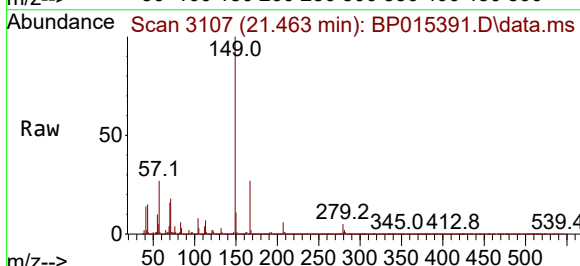
Tgt Ion:149 Resp: 1115768

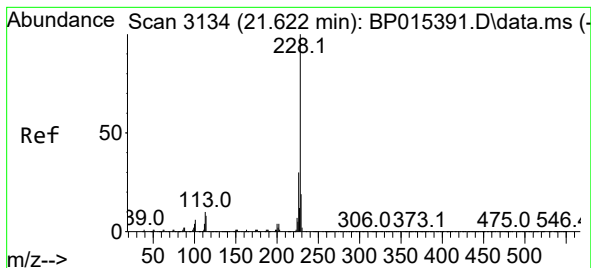
Ion Ratio Lower Upper

149 100

167 27.3 21.8 32.8

279 4.6 3.7 5.5





#87

Chrysene

Concen: 21.538 ng/ul

RT: 21.622 min Scan# 3134

Delta R.T. 0.000 min

Lab File: BP015391.D

Acq: 07 Jun 2023 10:42

Instrument :

BNA_P

ClientSampleId :

SSTD020627

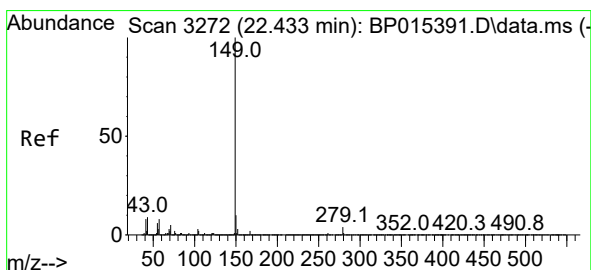
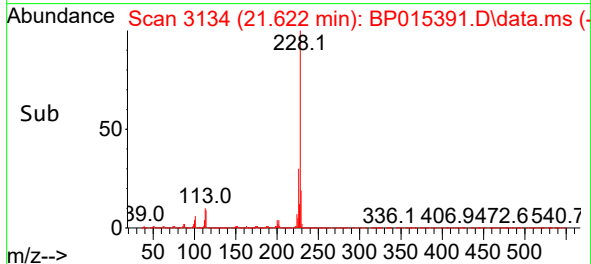
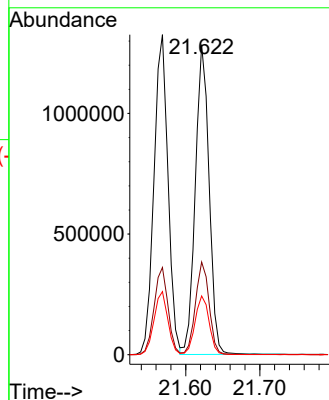
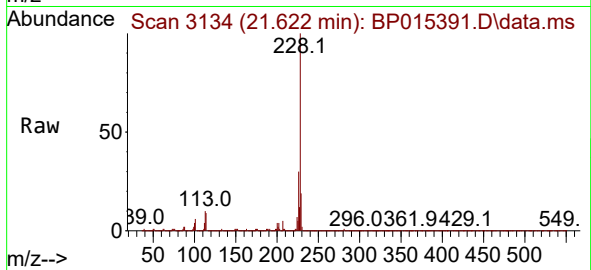
Tgt Ion:228 Resp: 1655306

Ion Ratio Lower Upper

228 100

226 29.9 23.9 35.9

229 18.9 15.1 22.7



#89

Di-n-octyl phthalate

Concen: 21.353 ng/ul

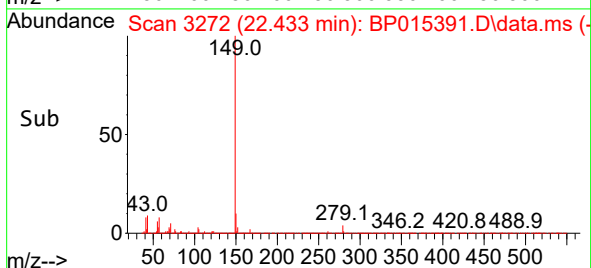
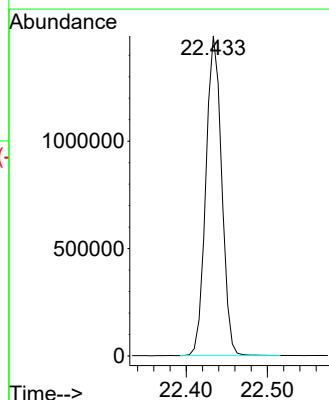
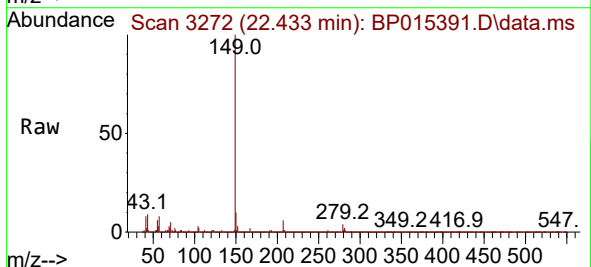
RT: 22.433 min Scan# 3272

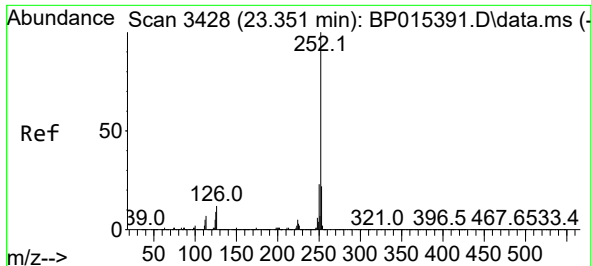
Delta R.T. 0.000 min

Lab File: BP015391.D

Acq: 07 Jun 2023 10:42

Tgt Ion:149 Resp: 2008574

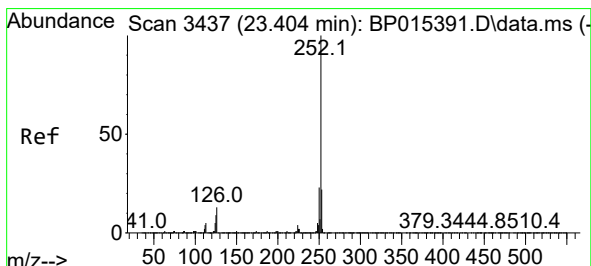
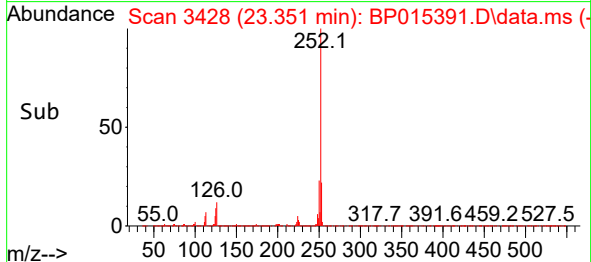
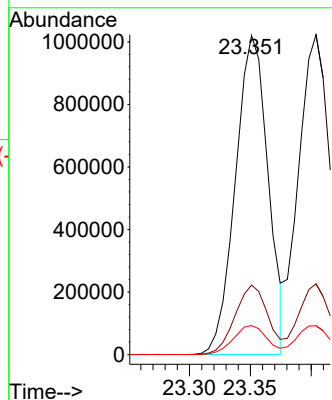
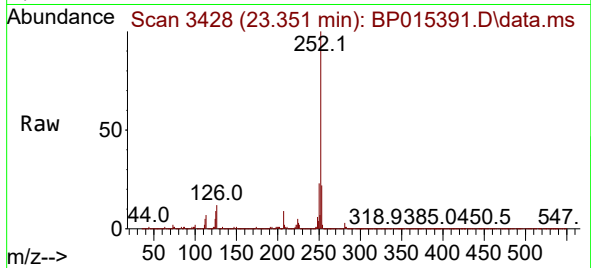




#90
Benzo(b)fluoranthene
Concen: 20.554 ng/ul
RT: 23.351 min Scan# 3428
Delta R.T. 0.000 min
Lab File: BP015391.D
Acq: 07 Jun 2023 10:42

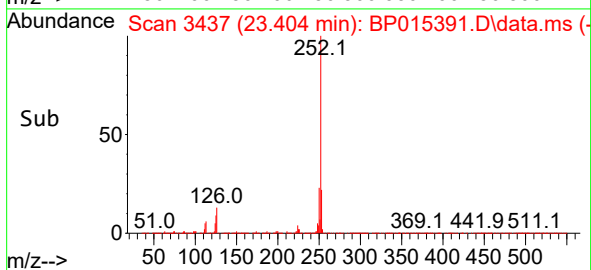
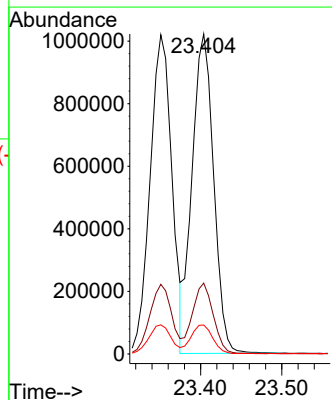
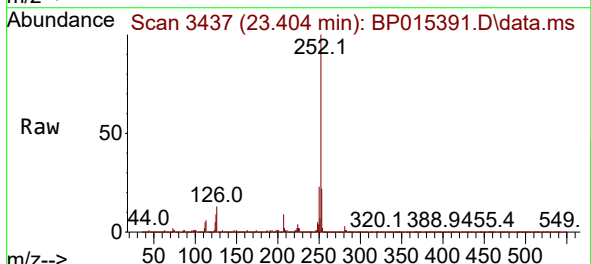
Instrument :
BNA_P
ClientSampleId :
SSTD020627

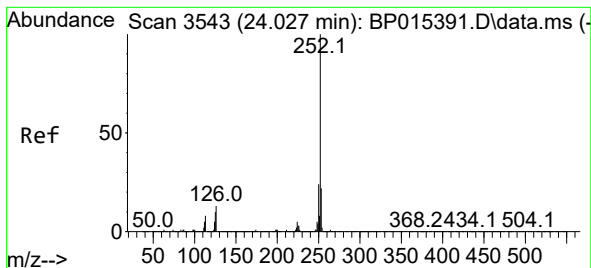
Tgt Ion:252 Resp: 1898970
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 9.1 7.3 10.9



#91
Benzo(k)fluoranthene
Concen: 21.122 ng/ul
RT: 23.404 min Scan# 3437
Delta R.T. 0.000 min
Lab File: BP015391.D
Acq: 07 Jun 2023 10:42

Tgt Ion:252 Resp: 1886384
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 9.1 7.3 10.9





#93

Benzo(a)pyrene

Concen: 20.851 ng/ul

RT: 24.027 min Scan# 3543

Delta R.T. 0.000 min

Lab File: BP015391.D

Acq: 07 Jun 2023 10:42

Instrument :

BNA_P

ClientSampleId :

SSTD020627

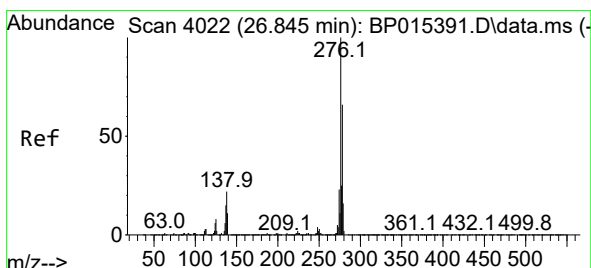
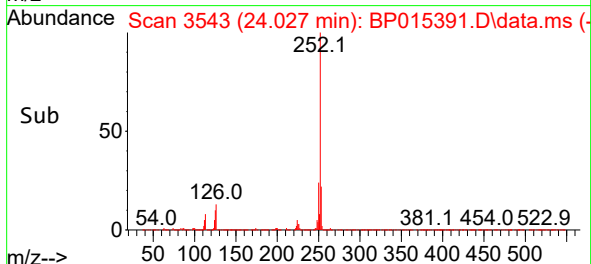
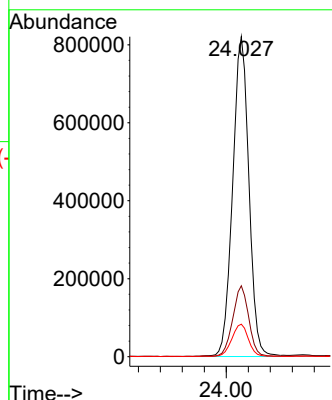
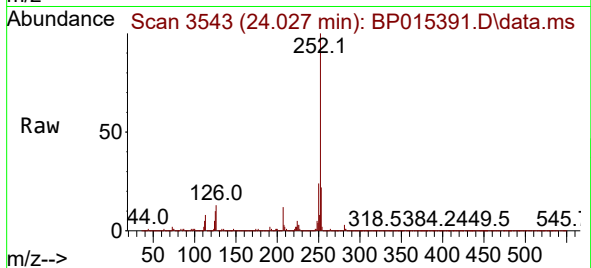
Tgt Ion:252 Resp: 1679566

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 10.1 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 20.997 ng/ul

RT: 26.845 min Scan# 4022

Delta R.T. 0.000 min

Lab File: BP015391.D

Acq: 07 Jun 2023 10:42

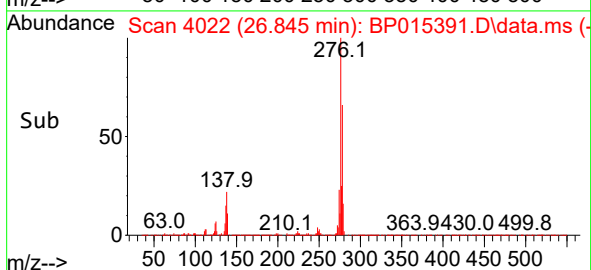
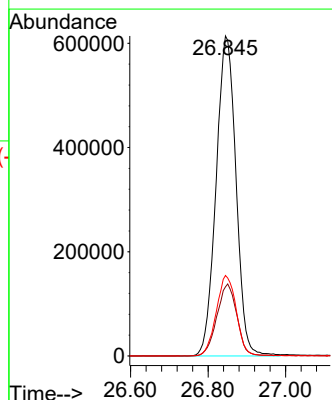
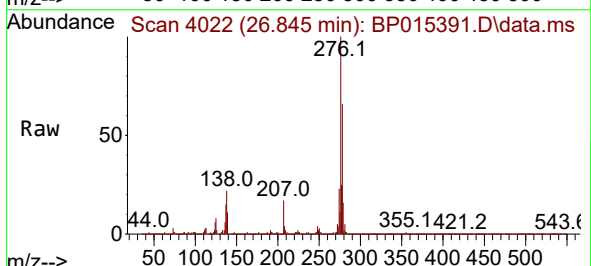
Tgt Ion:276 Resp: 2188870

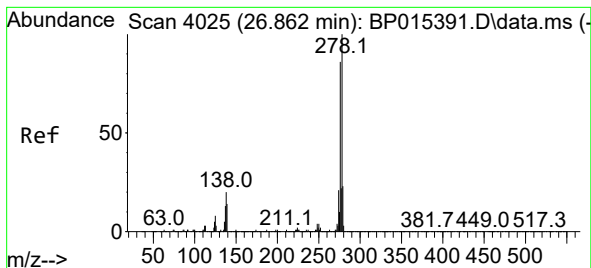
Ion Ratio Lower Upper

276 100

138 21.6 17.3 25.9

277 25.2 20.2 30.2





#95

Dibenzo(a,h)anthracene

Concen: 21.009 ng/ul

RT: 26.862 min Scan# 4025

Delta R.T. 0.000 min

Lab File: BP015391.D

Acq: 07 Jun 2023 10:42

Instrument :

BNA_P

ClientSampleId :

SSTD020627

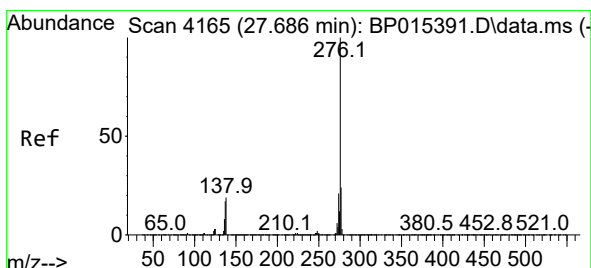
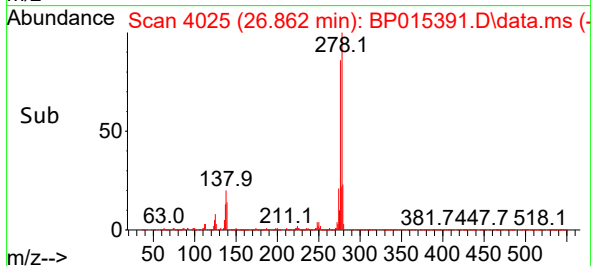
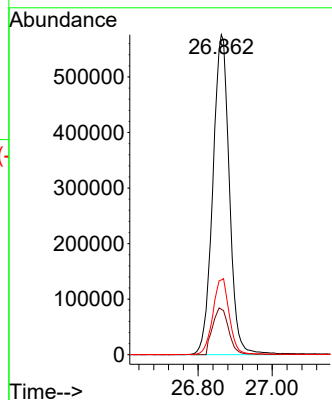
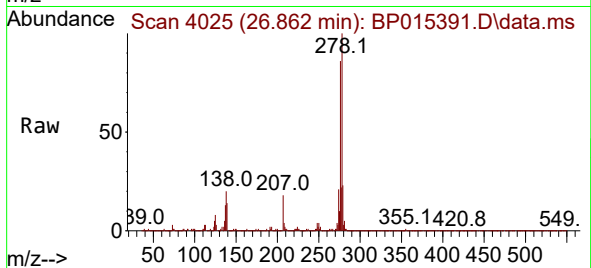
Tgt Ion:278 Resp: 1784223

Ion Ratio Lower Upper

278 100

139 14.2 11.4 17.0

279 23.4 18.7 28.1



#96

Benzo(g,h,i)perylene

Concen: 20.681 ng/ul

RT: 27.686 min Scan# 4165

Delta R.T. 0.000 min

Lab File: BP015391.D

Acq: 07 Jun 2023 10:42

Tgt Ion:276 Resp: 1776658

Ion Ratio Lower Upper

276 100

138 19.5 15.6 23.4

277 23.8 19.0 28.6

