

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060823\
 Data File : BP015434.D
 Acq On : 08 Jun 2023 14:22
 Operator : MA/JU
 Sample : 02960-05MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 H0FN8MS

Quant Time: Jun 09 01:17:09 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	125285	20.000	ng/u1	0.00
20) Naphthalene-d8	10.928	136	589705	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.740	164	407170	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.498	188	956268	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	967638	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	1015852	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	8847	2.615	ng/uL	0.00
4) Pyridine-d5	3.858	84	715	0.081	ng/u1	0.00
7) Phenol-d5	7.252	99	168374	14.588	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	108205	15.697	ng/u1	0.00
11) 2-Chlorophenol-d4	7.622	132	134189	16.035	ng/u1	0.00
15) 4-Methylphenol-d8	8.811	113	158616	16.744	ng/u1	0.00
21) Nitrobenzene-d5	9.275	128	75207	16.244	ng/u1	0.00
24) 2-Nitrophenol-d4	10.005	143	85966	16.259	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	162179	16.815	ng/u1	0.00
31) 4-Chloroaniline-d4	11.069	131	205505	14.845	ng/u1	0.00
46) Dimethylphthalate-d6	14.146	166	619994	19.310	ng/u1	0.00
49) Acenaphthylene-d8	14.434	160	627884	17.884	ng/u1	0.00
54) 4-Nitrophenol-d4	14.940	143	80064	13.925	ng/u1	0.00
60) Fluorene-d10	15.734	176	506790	18.718	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	90116	14.875	ng/u1	0.00
73) Anthracene-d10	17.598	188	836013	19.215	ng/u1	0.00
81) Pyrene-d10	19.816	212	1074567	20.749	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.963	264	1023413	20.078	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	22340	6.251	ng/uL	88
6) Benzaldehyde	7.228	77	125776	28.510	ng/u1	95
8) Phenol	7.275	94	219382	18.424	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.511	93	165086	17.535	ng/u1	99
12) 2-Chlorophenol	7.658	128	158038	17.874	ng/u1	97
13) 2-Methylphenol	8.546	108	165370	18.050	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.622	45	233507	18.716	ng/u1	98
16) Acetophenone	8.934	105	350528	23.187	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.911	70	159783	19.583	ng/u1	99
18) 4-Methylphenol	8.875	108	188718	18.721	ng/u1	95
19) Hexachloroethane	9.187	117	68947	18.454	ng/u1	96
22) Nitrobenzene	9.316	77	224817	18.311	ng/u1	100
23) Isophorone	9.846	82	460455	18.734	ng/u1	99
25) 2-Nitrophenol	10.034	139	106572	18.669	ng/u1	100
26) 2,4-Dimethylphenol	10.087	107	191511	15.820	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.328	93	264212	18.490	ng/u1	98
29) 2,4-Dichlorophenol	10.569	162	184484	19.238	ng/u1	97
30) Naphthalene	10.975	128	584206	18.282	ng/u1	99
32) 4-Chloroaniline	11.093	127	211502	14.765	ng/u1	99
33) Hexachlorobutadiene	11.257	225	119461	18.472	ng/u1	98
34) Caprolactam	11.863	113	66944	18.545	ng/u1	97
35) 4-Chloro-3-methylphenol	12.204	107	232969	20.051	ng/u1	97
36) 2-Methylnaphthalene	12.575	142	419874	18.691	ng/u1	100
37) 1-Methylnaphthalene	12.793	142	420811	18.605	ng/u1	94

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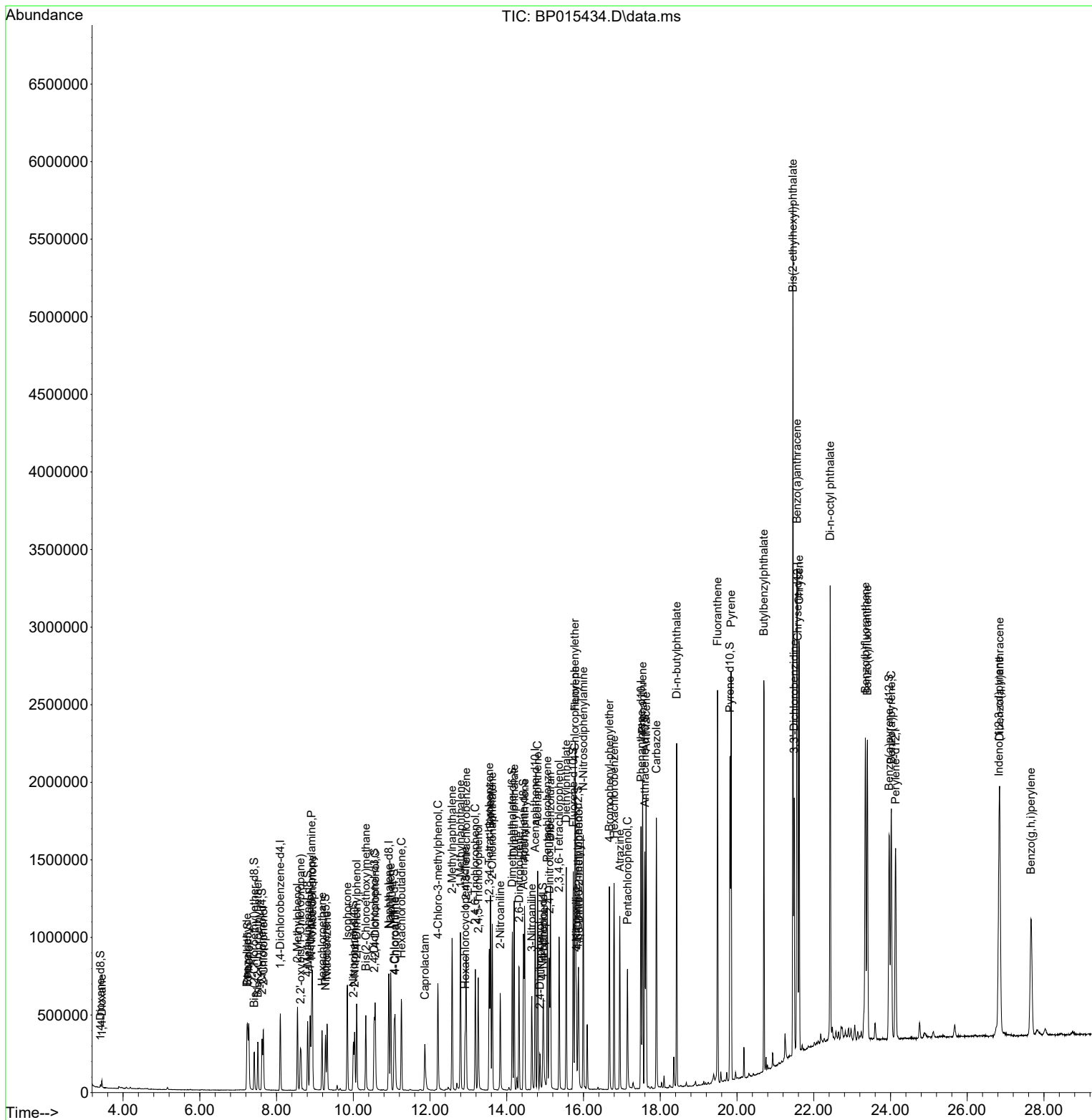
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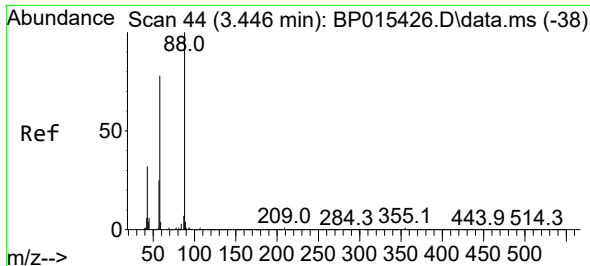
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 07 23:46:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.940	216	244357	19.273	ng/ul	99
40) Hexachlorocyclopentadiene	12.916	237	86217	16.589	ng/ul	96
41) 2,4,6-Trichlorophenol	13.181	196	171637	20.339	ng/ul	97
42) 2,4,5-Trichlorophenol	13.257	196	180152	19.591	ng/ul	96
43) 1,1'-Biphenyl	13.575	154	601842	19.113	ng/ul	99
44) 2-Chloronaphthalene	13.622	162	469238	18.994	ng/ul	99
45) 2-Nitroaniline	13.828	65	170589	21.575	ng/ul	98
47) Dimethylphthalate	14.193	163	707076	21.329	ng/ul	100
48) 2,6-Dinitrotoluene	14.322	165	145616	21.440	ng/ul	98
50) Acenaphthylene	14.463	152	756984	19.470	ng/ul	99
51) 3-Nitroaniline	14.651	138	142012	25.328	ng/ul	97
52) Acenaphthene	14.804	153	534157	19.875	ng/ul	99
53) 2,4-Dinitrophenol	14.863	184	51664	12.645	ng/ul	96
55) 4-Nitrophenol	14.957	109	104321	18.810	ng/ul	93
56) Dibenzofuran	15.140	168	771767	20.261	ng/ul	99
57) 2,4-Dinitrotoluene	15.110	165	221169	22.140	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.363	232	175776	21.170	ng/ul#	99
59) Diethylphthalate	15.551	149	750667	22.094	ng/ul	99
61) Fluorene	15.787	166	645356	20.783	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.775	204	325735	20.814	ng/ul	97
63) 4-Nitroaniline	15.816	138	147451	27.725	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.875	198	122888	19.889	ng/ul	94
67) N-Nitrosodiphenylamine	15.993	169	584512	21.545	ng/ul	99
68) 4-Bromophenyl-phenylether	16.675	248	220837	21.586	ng/ul	98
69) Hexachlorobenzene	16.798	284	262550	21.756	ng/ul	96
70) Atrazine	16.945	200	190468	17.581	ng/ul	99
71) Pentachlorophenol	17.145	266	137116	20.102	ng/ul	99
72) Phenanthrene	17.539	178	1128241	21.986	ng/ul	100
74) Anthracene	17.634	178	1116149	21.436	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.546	216	257434	19.506	ng/uL	100
76) Pentachlorobenzene	15.057	250	274413	19.859	ng/uL	99
77) Carbazole	17.898	167	1045889	22.308	ng/ul	100
78) Di-n-butylphthalate	18.428	149	1418659	23.849	ng/ul	99
80) Fluoranthene	19.492	202	1436169	22.766	ng/ul	99
82) Pyrene	19.845	202	1486864	22.782	ng/ul	100
83) Butylbenzylphthalate	20.698	149	697602	24.183	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.486	252	474733	20.766	ng/ul	99
85) Benzo(a)anthracene	21.563	228	1491759	22.053	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.457	149	1869840	43.854	ng/ul	100
87) Chrysene	21.622	228	1408598	22.030	ng/ul	99
89) Di-n-octyl phthalate	22.427	149	1966337	29.452	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	1469593	22.411	ng/ul	99
91) Benzo(k)fluoranthene	23.398	252	1465649	23.122	ng/ul	99
93) Benzo(a)pyrene	24.021	252	1227886	21.478	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.827	276	1418612	19.174	ng/ul	99
95) Dibenzo(a,h)anthracene	26.845	278	1182442	19.616	ng/ul	99
96) Benzo(g,h,i)perylene	27.662	276	1067304	17.504	ng/ul	99

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

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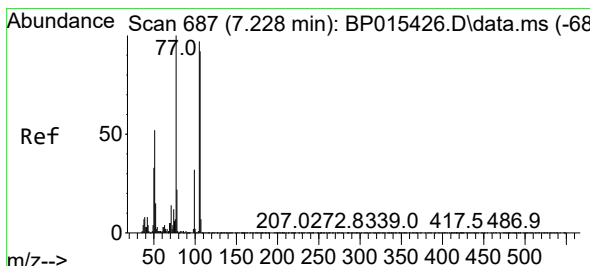
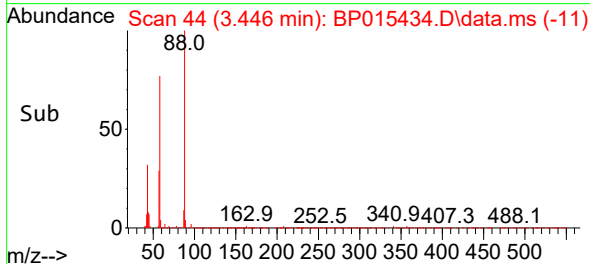
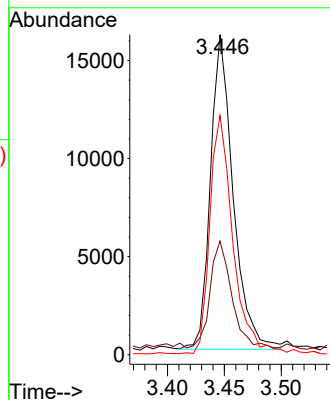
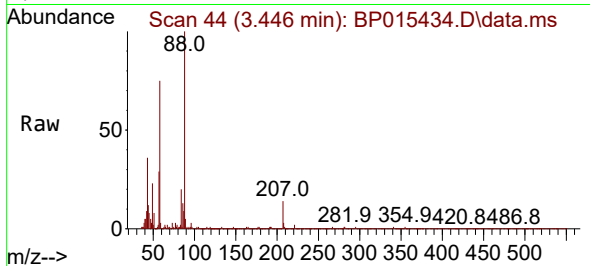




#2
1,4-Dioxane
Concen: 6.251 ng/uL
RT: 3.446 min Scan# 44
Delta R.T. -0.006 min
Lab File: BP015434.D
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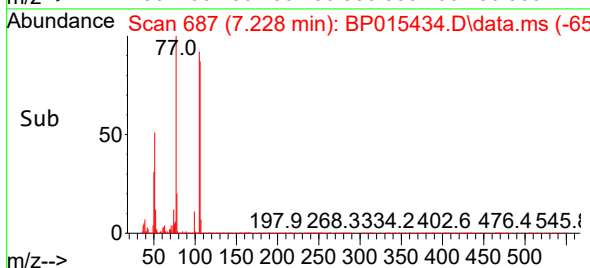
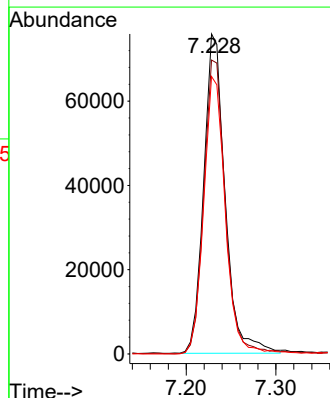
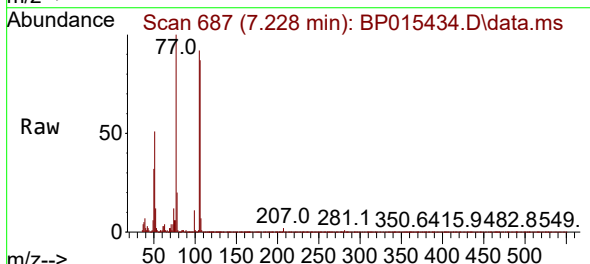
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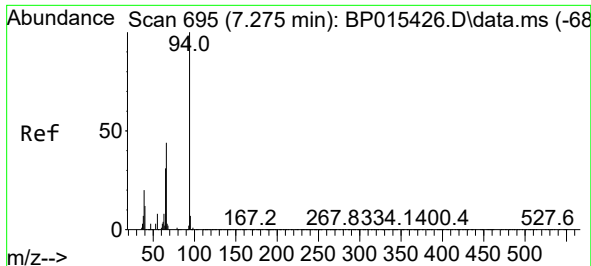
Tgt Ion: 88 Resp: 22340
Ion Ratio Lower Upper
88 100
43 35.5 23.9 35.9
58 74.8 51.4 77.2



#6
Benzaldehyde
Concen: 28.510 ng/uL
RT: 7.228 min Scan# 687
Delta R.T. -0.006 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

Tgt Ion: 77 Resp: 125776
Ion Ratio Lower Upper
77 100
105 91.8 77.3 115.9
106 86.7 73.3 109.9

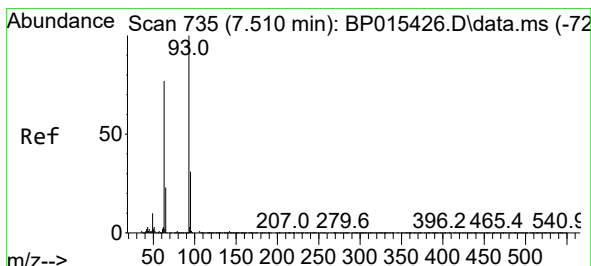
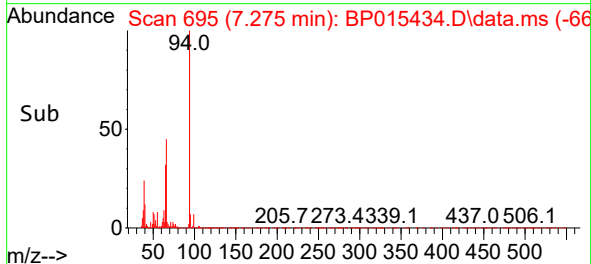
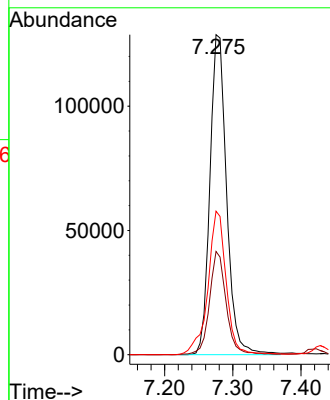
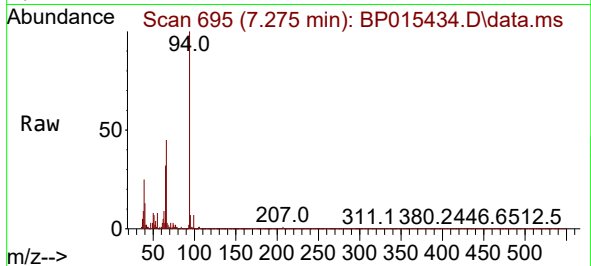




#8
Phenol
Concen: 18.424 ng/ul
RT: 7.275 min Scan# 695
Delta R.T. -0.006 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

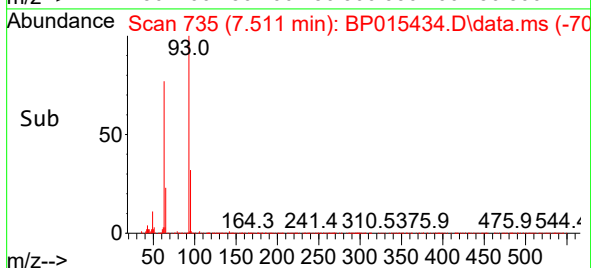
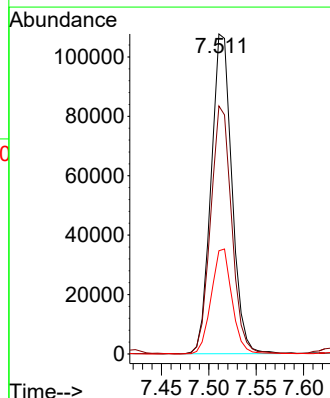
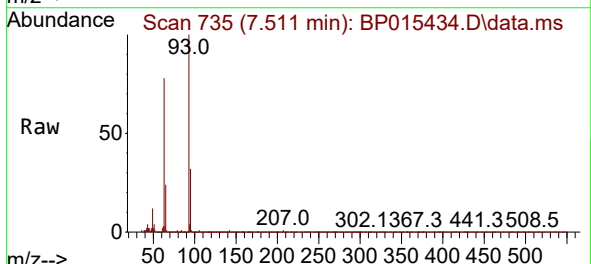
Instrument :
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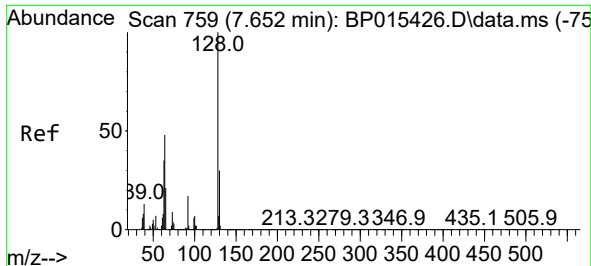
Tgt Ion: 94 Resp: 219382
Ion Ratio Lower Upper
94 100
65 32.3 23.5 35.3
66 44.9 34.2 51.4



#10
Bis(2-Chloroethyl)ether
Concen: 17.535 ng/ul
RT: 7.511 min Scan# 735
Delta R.T. -0.006 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

Tgt Ion: 93 Resp: 165086
Ion Ratio Lower Upper
93 100
63 77.5 62.6 93.8
95 32.2 25.5 38.3

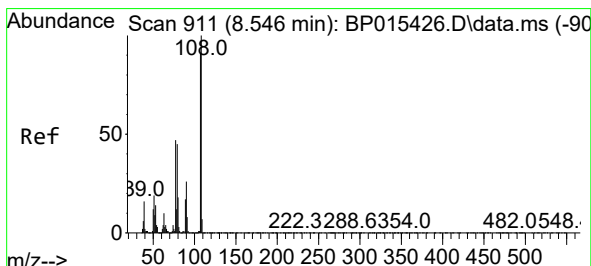
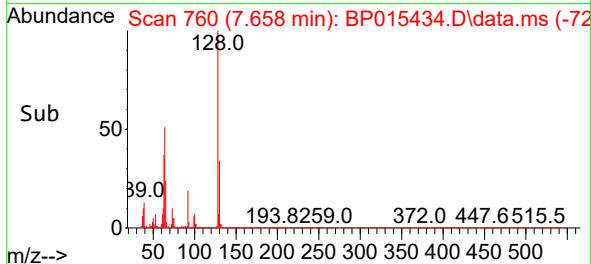
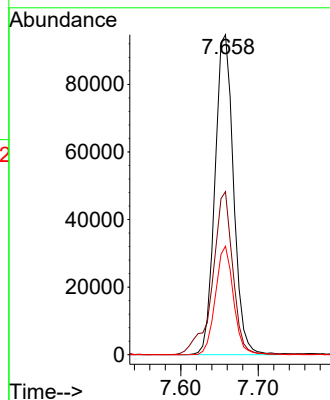
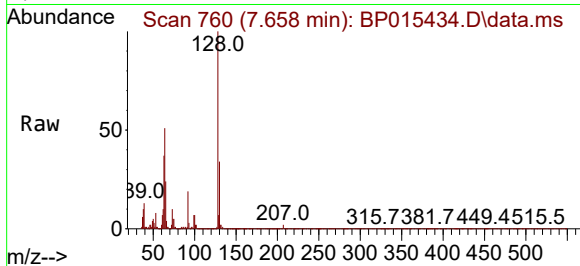




#12
2-Chlorophenol
Concen: 17.874 ng/ul
RT: 7.658 min Scan# 759
Delta R.T. 0.000 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

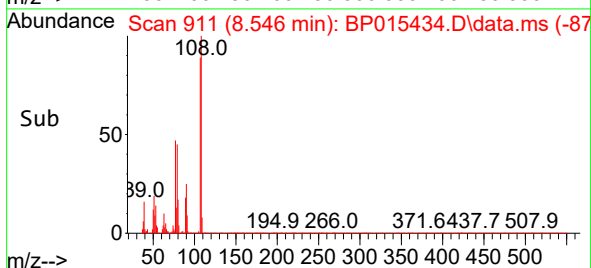
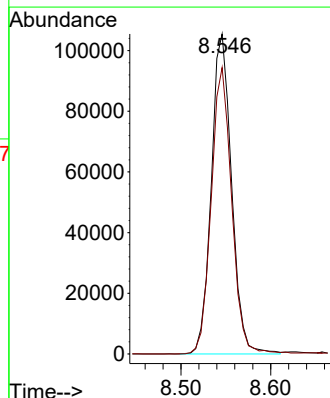
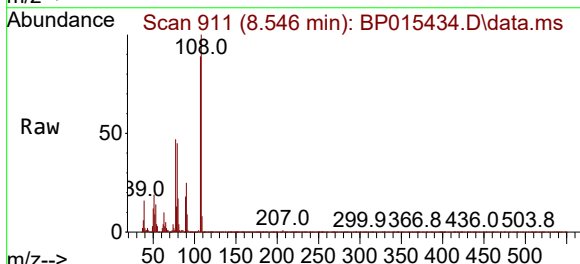
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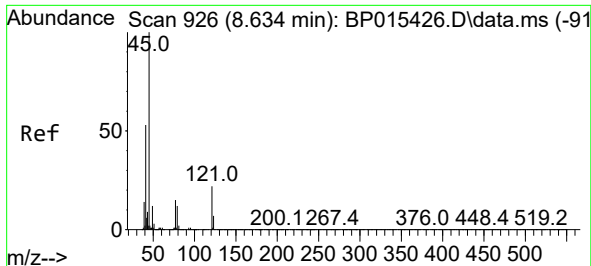
Tgt Ion:128 Resp: 158038
Ion Ratio Lower Upper
128 100
64 50.9 40.2 60.4
130 33.9 24.5 36.7



#13
2-Methylphenol
Concen: 18.050 ng/ul
RT: 8.546 min Scan# 911
Delta R.T. 0.000 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

Tgt Ion:108 Resp: 165370
Ion Ratio Lower Upper
108 100
107 89.5 71.2 106.8

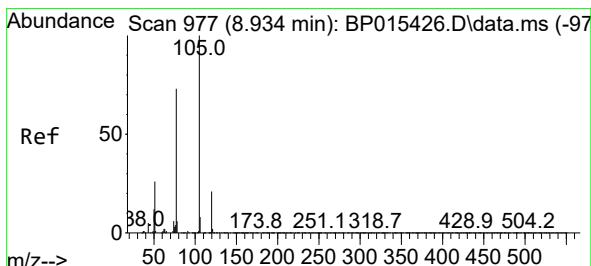
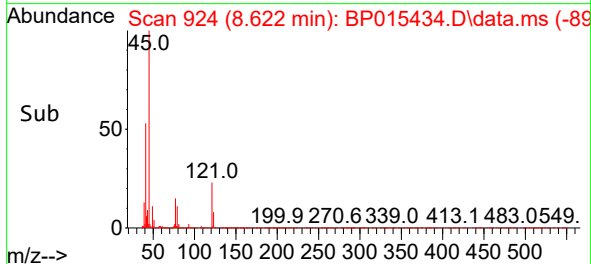
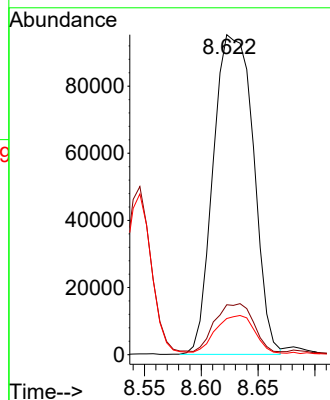
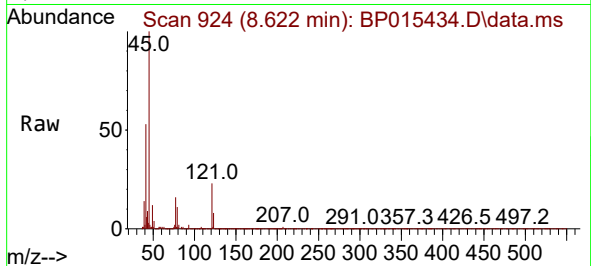




#14
2,2'-oxybis(1-Chloropropane)
Concen: 18.716 ng/ul
RT: 8.622 min Scan# 911
Delta R.T. -0.006 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

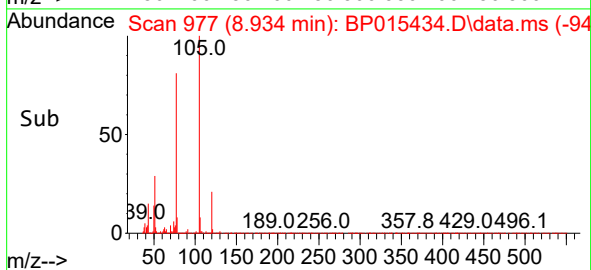
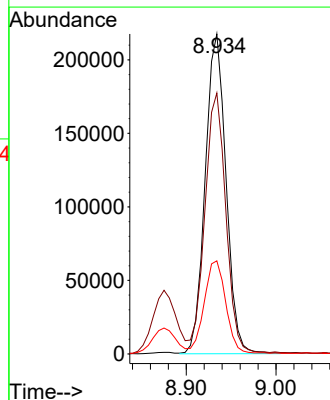
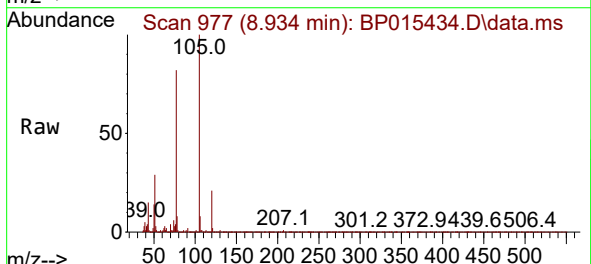
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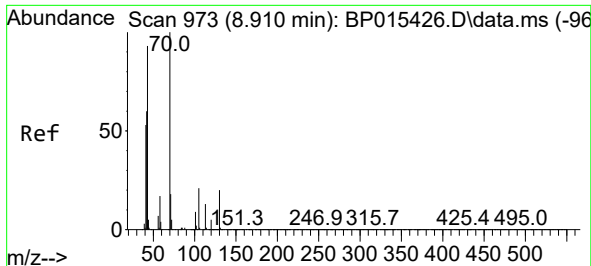
Tgt Ion: 45 Resp: 233507
Ion Ratio Lower Upper
45 100
77 15.6 11.8 17.8
79 11.3 8.7 13.1



#16
Acetophenone
Concen: 23.187 ng/ul
RT: 8.934 min Scan# 977
Delta R.T. 0.000 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

Tgt Ion:105 Resp: 350528
Ion Ratio Lower Upper
105 100
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51 29.1 23.5 35.3

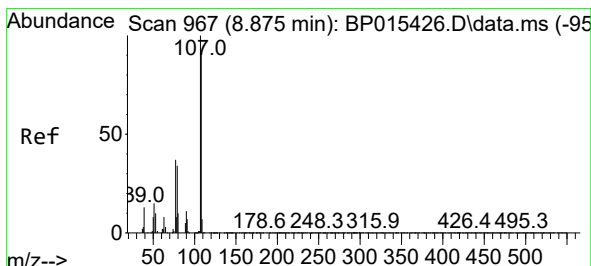
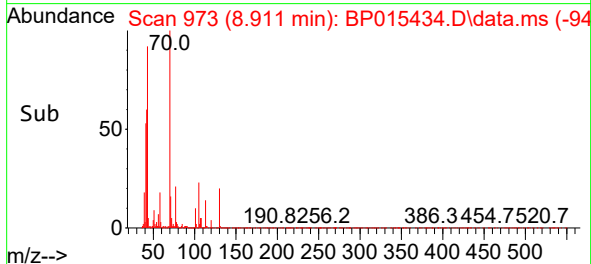
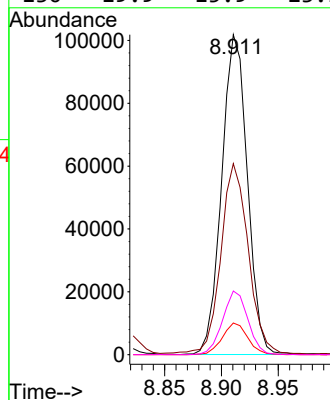
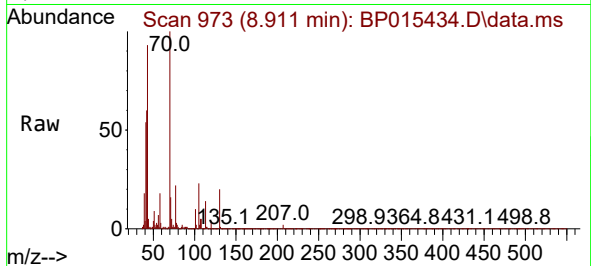




#17
N-Nitroso-di-n-propylamine
Concen: 19.583 ng/ul
RT: 8.911 min Scan# 911
Delta R.T. -0.006 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

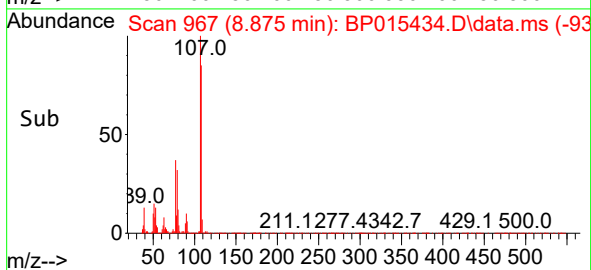
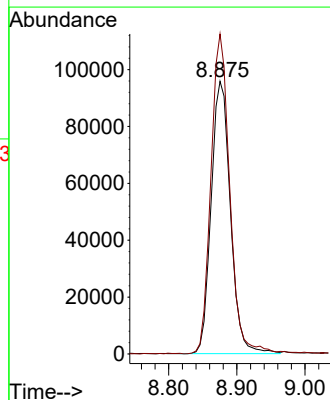
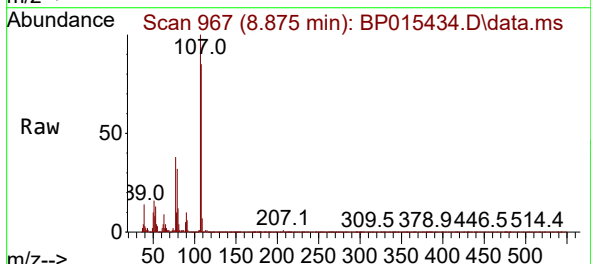
Instrument :
BNA_P
ClientSampleId :
H0FN8MS

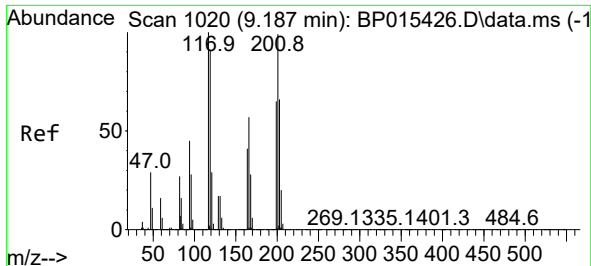
Tgt Ion: 70	Resp: 159783
Ion Ratio	Lower Upper
70 100	
42 59.7	46.6 69.8
101 9.9	7.8 11.6
130 19.9	15.9 23.9



#18
4-Methylphenol
Concen: 18.721 ng/ul
RT: 8.875 min Scan# 967
Delta R.T. -0.006 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

Tgt Ion:108	Resp: 188718
Ion Ratio	Lower Upper
108 100	
107 117.4	89.3 133.9

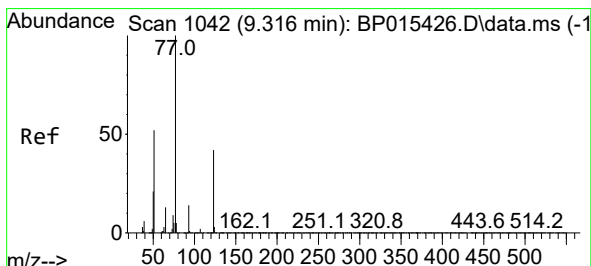
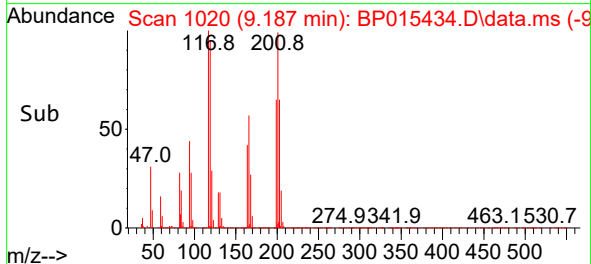
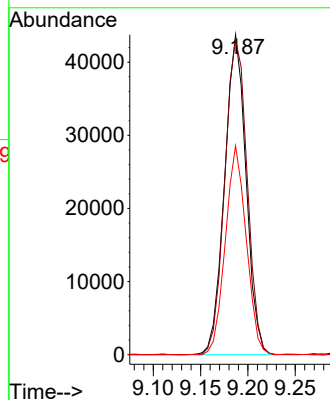
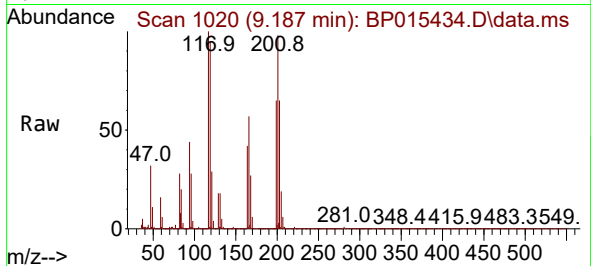




#19
Hexachloroethane
Concen: 18.454 ng/ul
RT: 9.187 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

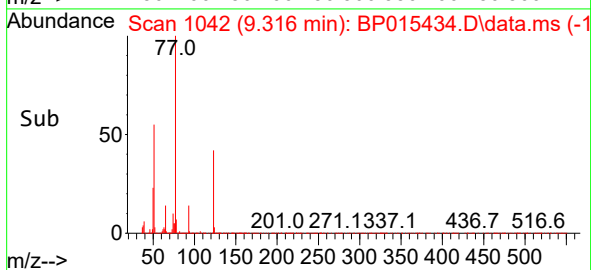
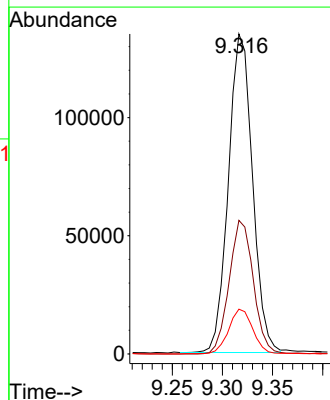
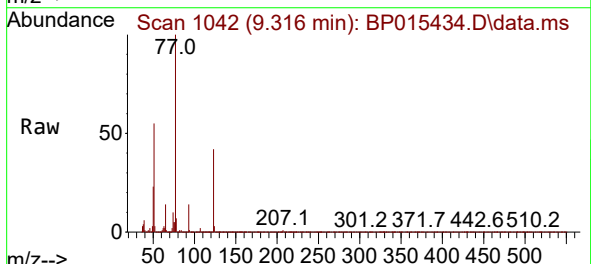
Instrument :
BNA_P
ClientSampleId :
H0FN8MS

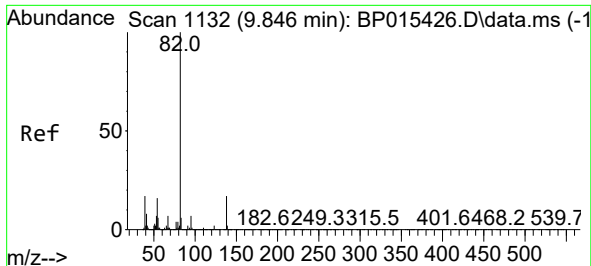
Tgt Ion:117 Resp: 68947
Ion Ratio Lower Upper
117 100
201 98.5 82.8 124.2
199 65.3 50.6 76.0



#22
Nitrobenzene
Concen: 18.311 ng/ul
RT: 9.316 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

Tgt Ion: 77 Resp: 224817
Ion Ratio Lower Upper
77 100
123 41.8 33.5 50.3
65 14.0 11.6 17.4

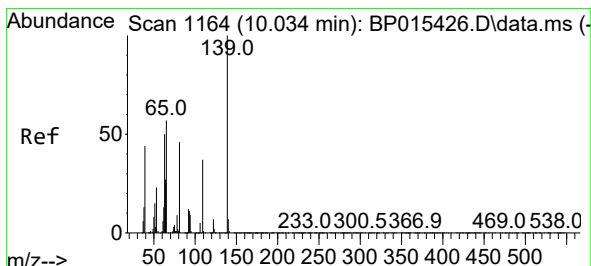
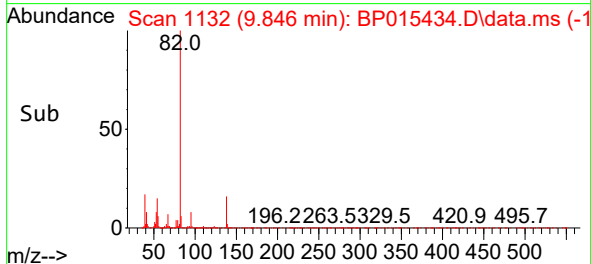
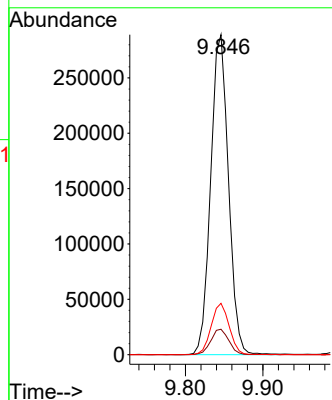
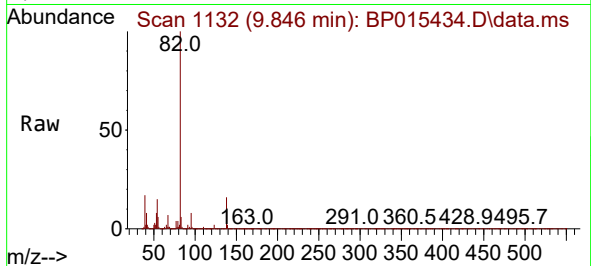




#23
Isophorone
Concen: 18.734 ng/ul
RT: 9.846 min Scan# 1132
Delta R.T. -0.006 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

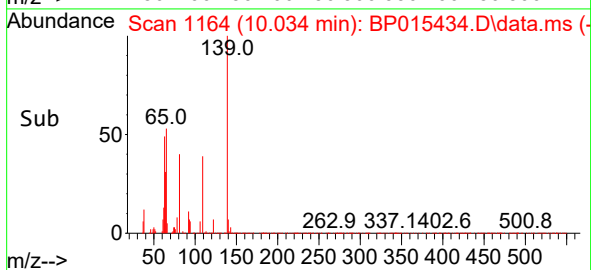
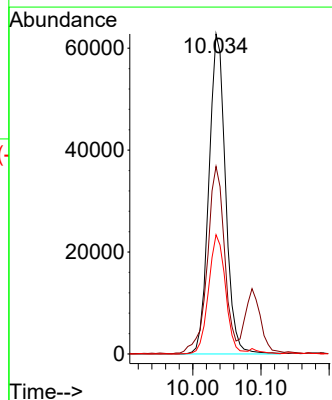
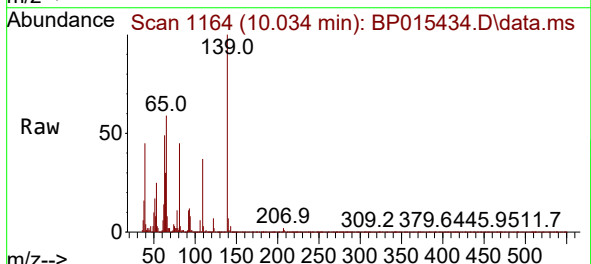
Instrument :
BNA_P
ClientSampleId :
H0FN8MS

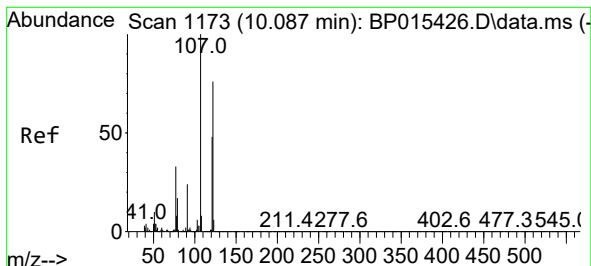
Tgt Ion: 82 Resp: 460455
Ion Ratio Lower Upper
82 100
95 7.9 5.8 8.8
138 16.0 13.1 19.7



#25
2-Nitrophenol
Concen: 18.669 ng/ul
RT: 10.034 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

Tgt Ion: 139 Resp: 106572
Ion Ratio Lower Upper
139 100
65 58.6 46.9 70.3
109 37.2 30.2 45.2

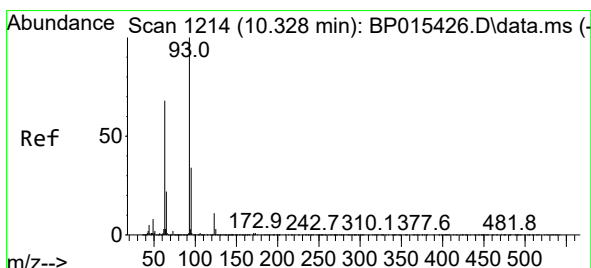
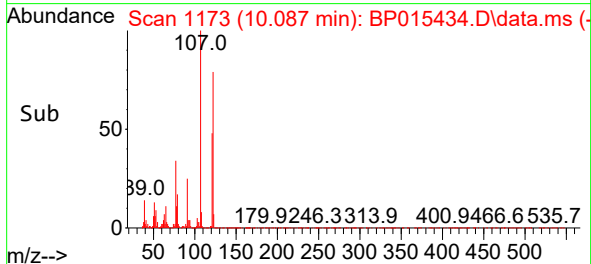
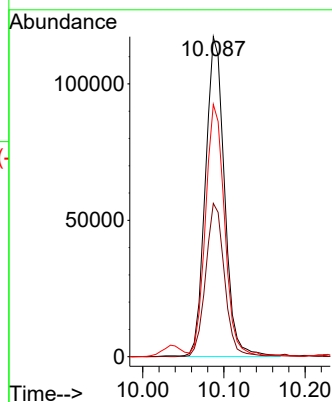
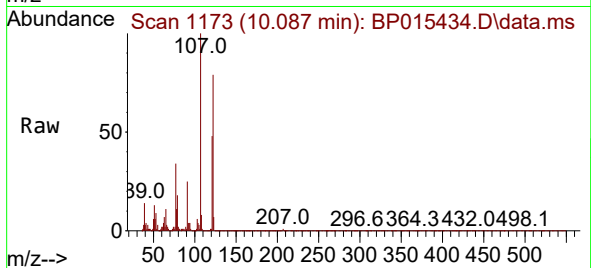




#26
2,4-Dimethylphenol
Concen: 15.820 ng/ul
RT: 10.087 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

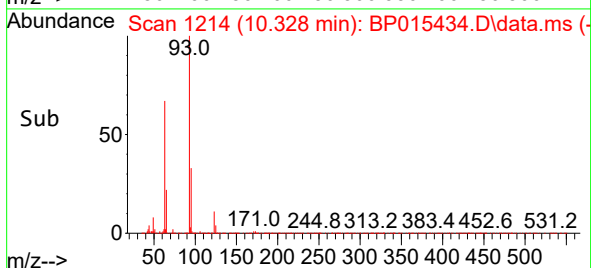
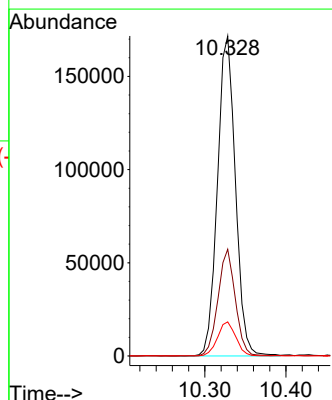
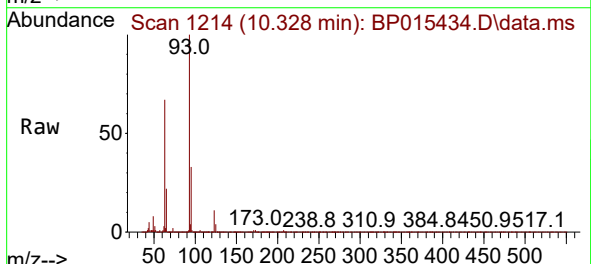
Instrument :
BNA_P
ClientSampleId :
H0FN8MS

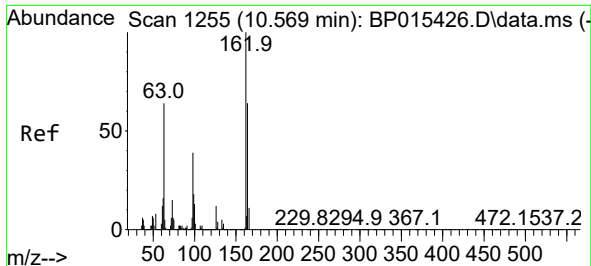
Tgt Ion:107 Resp: 191511
Ion Ratio Lower Upper
107 100
121 47.9 39.0 58.6
122 78.9 64.8 97.2



#27
Bis(2-Chloroethoxy)methane
Concen: 18.490 ng/ul
RT: 10.328 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

Tgt Ion: 93 Resp: 264212
Ion Ratio Lower Upper
93 100
95 33.4 25.7 38.5
123 10.6 8.6 13.0

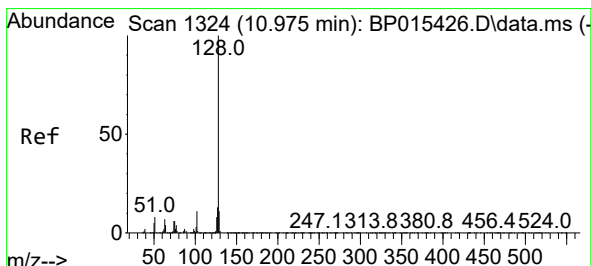
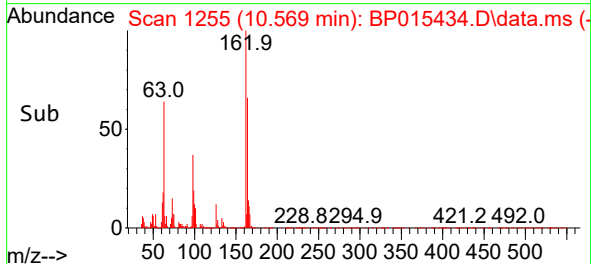
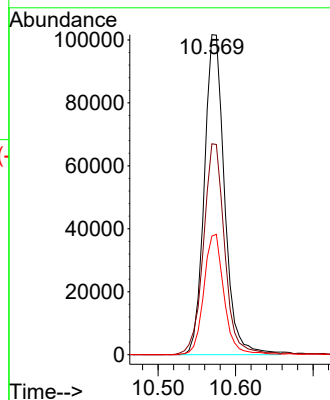
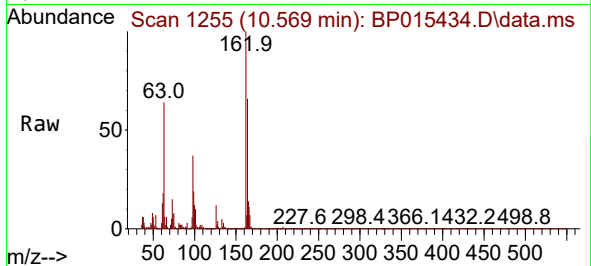




#29
2,4-Dichlorophenol
Concen: 19.238 ng/ul
RT: 10.569 min Scan# 1255
Delta R.T. -0.006 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

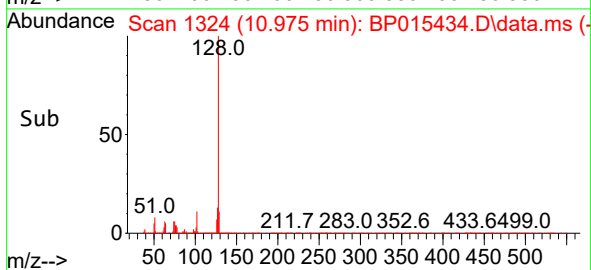
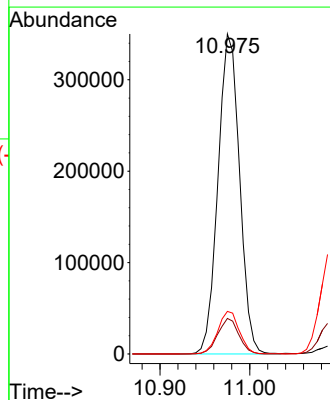
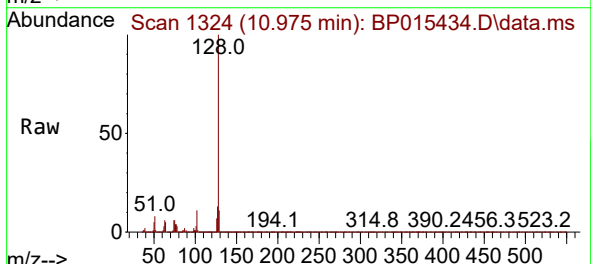
Instrument :
BNA_P
ClientSampleId :
H0FN8MS

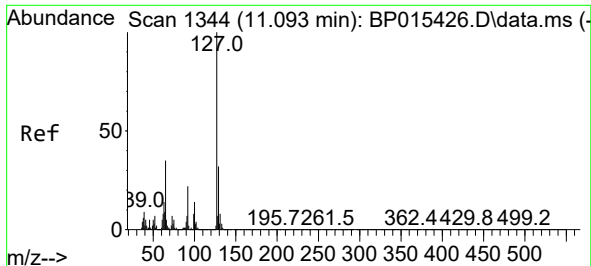
Tgt Ion:162 Resp: 184484
Ion Ratio Lower Upper
162 100
164 65.9 50.6 76.0
98 37.0 30.2 45.2



#30
Naphthalene
Concen: 18.282 ng/ul
RT: 10.975 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

Tgt Ion:128 Resp: 584206
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.3 10.5 15.7

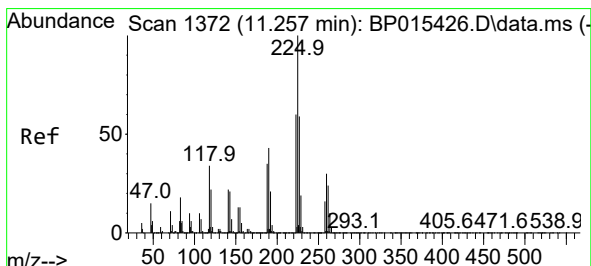
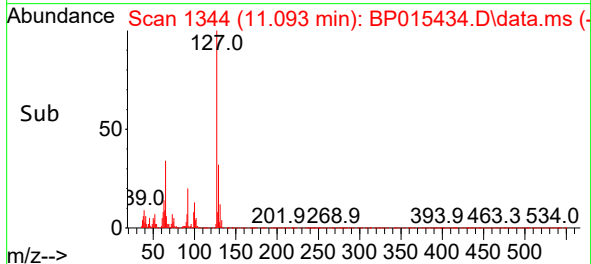
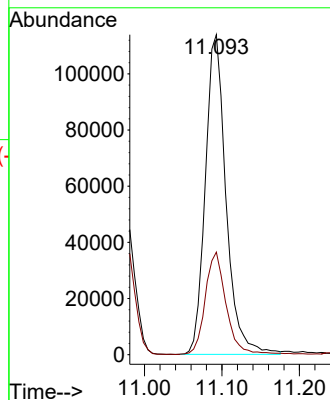
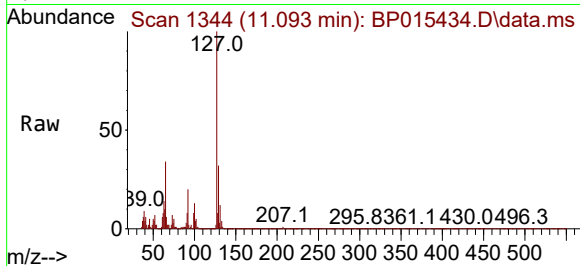




#32
4-Chloroaniline
Concen: 14.765 ng/ul
RT: 11.093 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

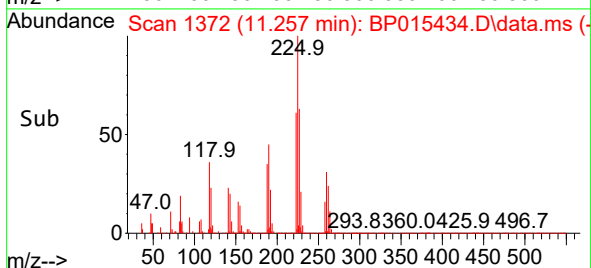
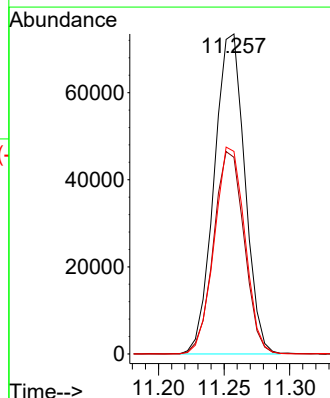
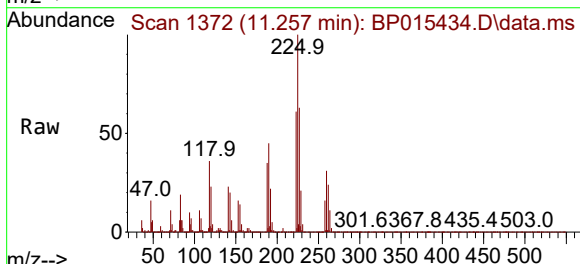
Instrument :
BNA_P
ClientSampleId :
H0FN8MS

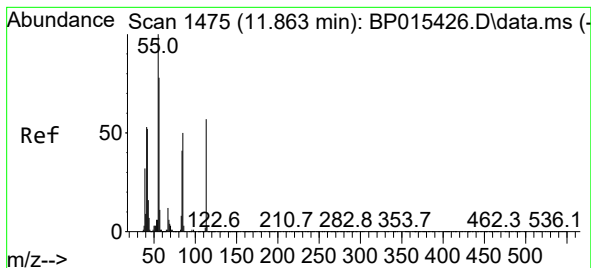
Tgt Ion:127 Resp: 211502
Ion Ratio Lower Upper
127 100
129 32.1 26.1 39.1



#33
Hexachlorobutadiene
Concen: 18.472 ng/ul
RT: 11.257 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

Tgt Ion:225 Resp: 119461
Ion Ratio Lower Upper
225 100
223 61.5 52.0 78.0
227 63.3 50.6 75.8





#34

Caprolactam

Concen: 18.545 ng/ul

RT: 11.863 min Scan# 1475

Delta R.T. -0.006 min

Lab File: BP015434.D

Acq: 08 Jun 2023 14:22

Instrument :

BNA_P

ClientSampleId :

H0FN8MS

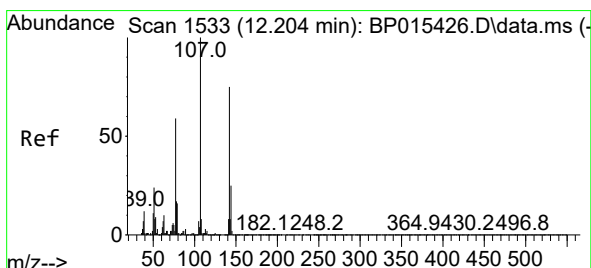
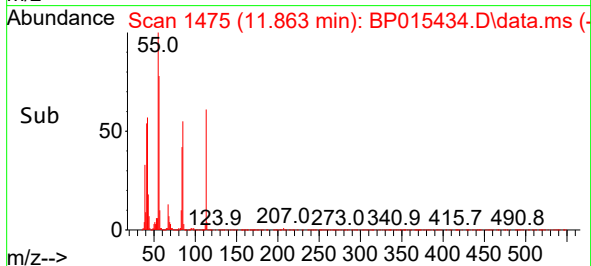
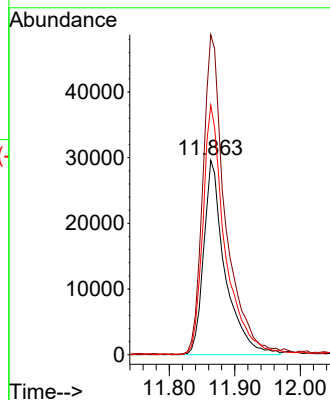
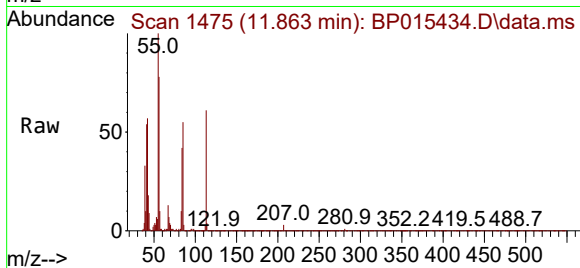
Tgt Ion:113 Resp: 66944

Ion Ratio Lower Upper

113 100

55 164.7 127.9 191.9

56 128.3 101.1 151.7



#35

4-Chloro-3-methylphenol

Concen: 20.051 ng/ul

RT: 12.204 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BP015434.D

Acq: 08 Jun 2023 14:22

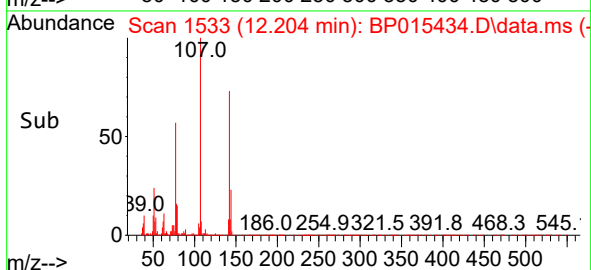
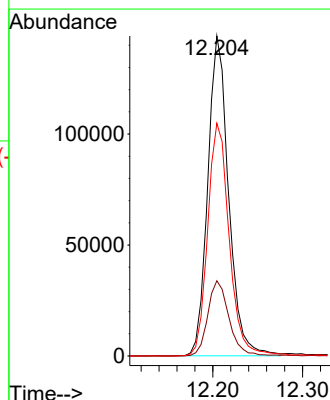
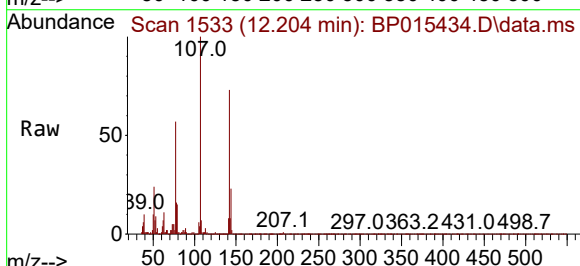
Tgt Ion:107 Resp: 232969

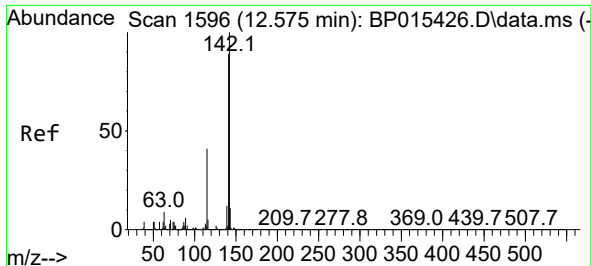
Ion Ratio Lower Upper

107 100

144 23.5 19.4 29.0

142 72.7 60.4 90.6

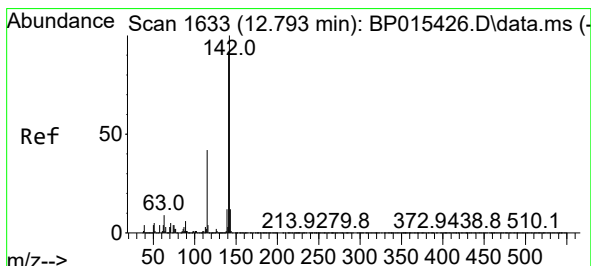
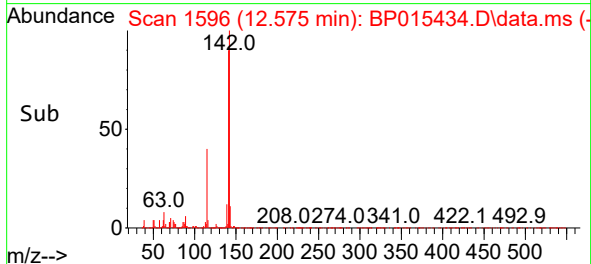
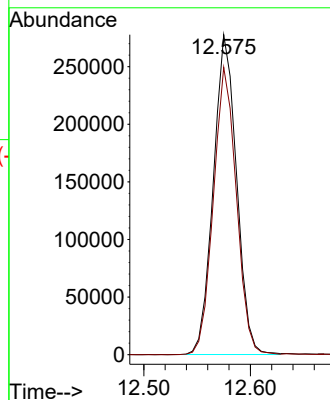
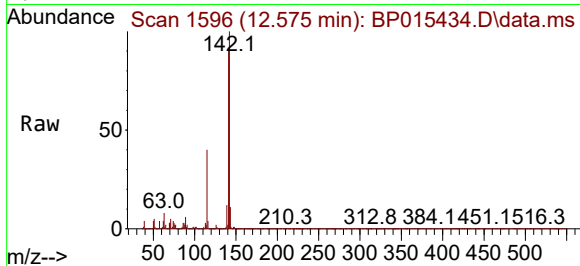




#36
2-Methylnaphthalene
Concen: 18.691 ng/ul
RT: 12.575 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

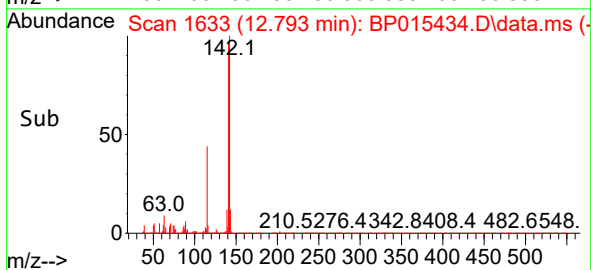
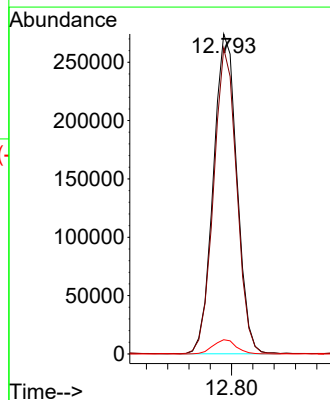
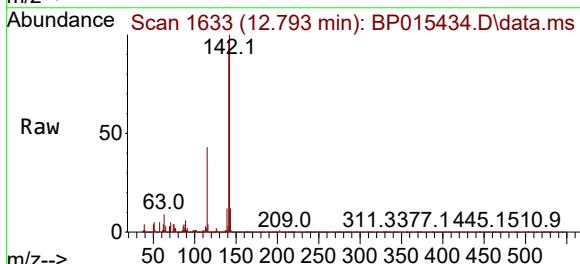
Instrument :
BNA_P
ClientSampleId :
H0FN8MS

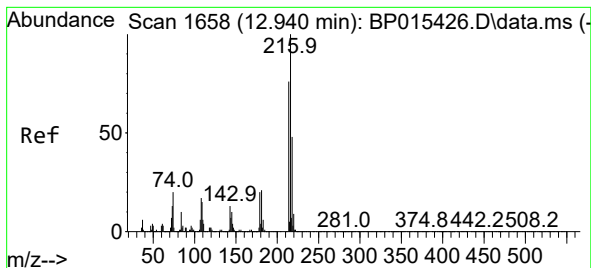
Tgt Ion:142 Resp: 419874
Ion Ratio Lower Upper
142 100
141 89.8 72.0 108.0



#37
1-Methylnaphthalene
Concen: 18.605 ng/ul
RT: 12.793 min Scan# 1633
Delta R.T. -0.006 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

Tgt Ion:142 Resp: 420811
Ion Ratio Lower Upper
142 100
141 95.6 71.9 107.9
116 4.5 3.4 5.2

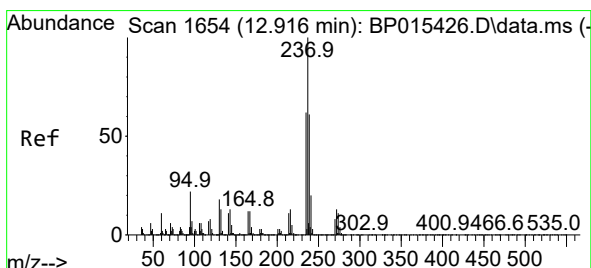
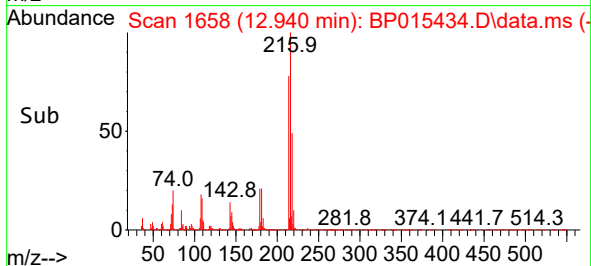
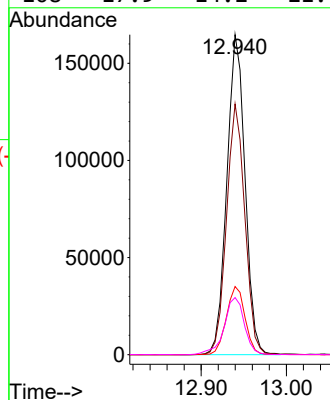
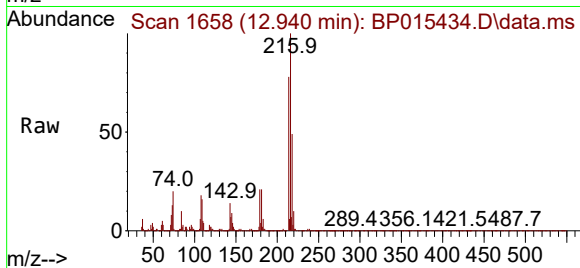




#39
1,2,4,5-Tetrachlorobenzene
Concen: 19.273 ng/ul
RT: 12.940 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

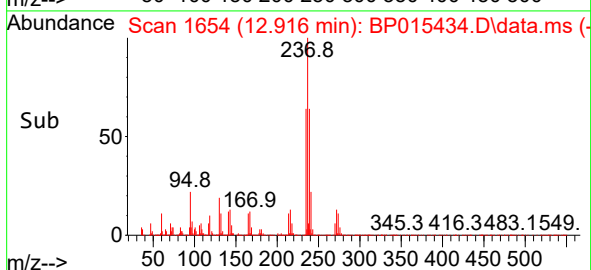
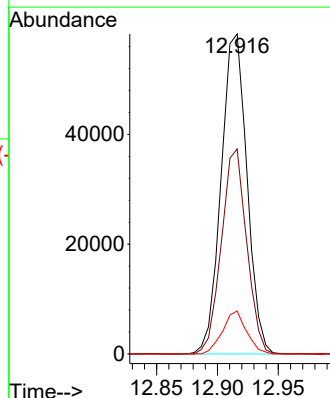
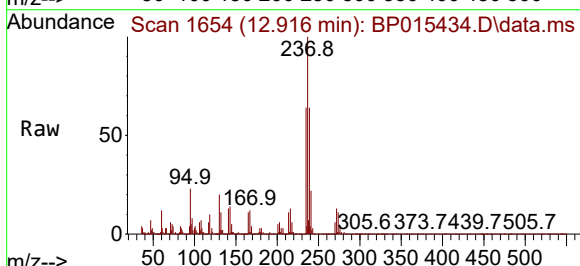
Instrument :
BNA_P
ClientSampleId :
H0FN8MS

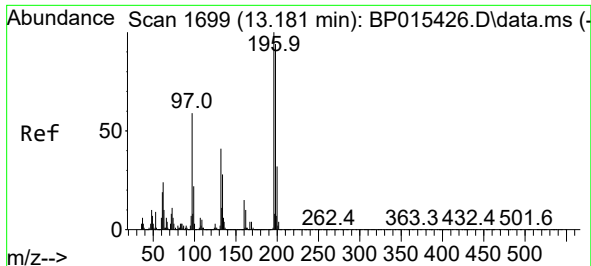
Tgt Ion:	216	Resp:	244357
Ion Ratio	Lower	Upper	
216	100		
214	78.4	62.2	93.2
179	21.3	17.4	26.2
108	17.9	14.2	21.4



#40
Hexachlorocyclopentadiene
Concen: 16.589 ng/ul
RT: 12.916 min Scan# 1654
Delta R.T. -0.006 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

Tgt Ion:	237	Resp:	86217
Ion Ratio	Lower	Upper	
237	100		
235	64.0	48.2	72.2
272	13.4	10.3	15.5

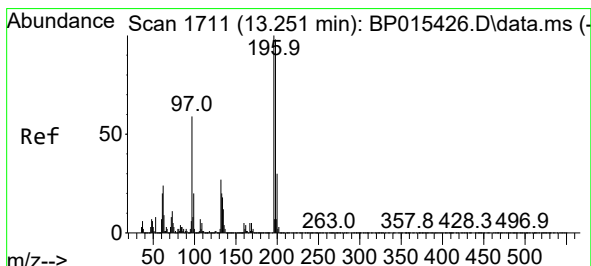
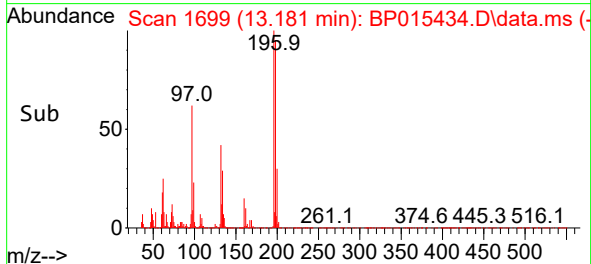
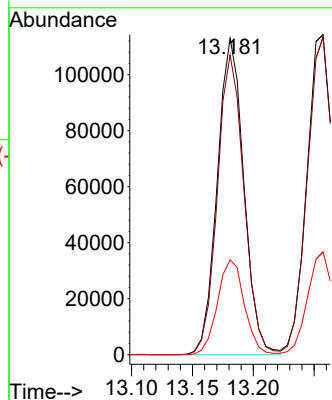
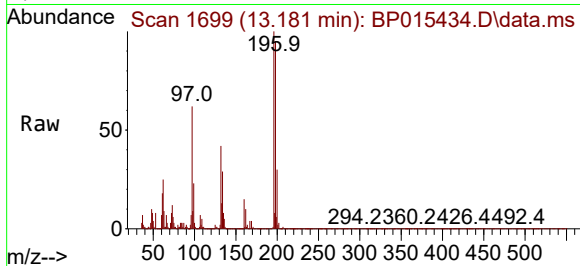




#41
2,4,6-Trichlorophenol
Concen: 20.339 ng/ul
RT: 13.181 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

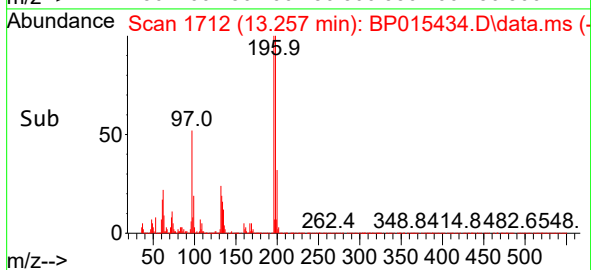
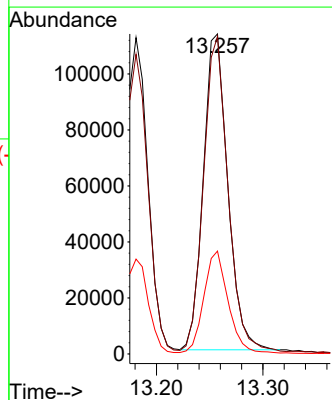
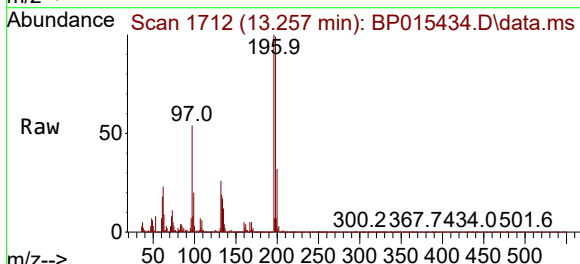
Instrument :
BNA_P
ClientSampleId :
H0FN8MS

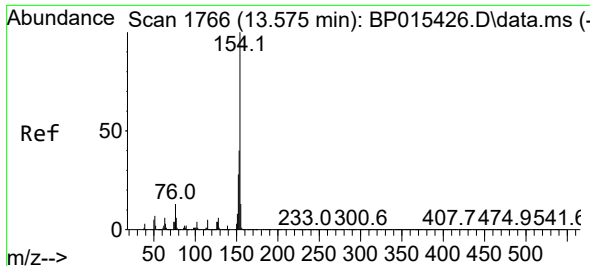
Tgt Ion:196 Resp: 171637
Ion Ratio Lower Upper
196 100
198 94.7 77.8 116.6
200 30.0 25.8 38.6



#42
2,4,5-Trichlorophenol
Concen: 19.591 ng/ul
RT: 13.257 min Scan# 1712
Delta R.T. 0.000 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

Tgt Ion:196 Resp: 180152
Ion Ratio Lower Upper
196 100
198 99.3 75.5 113.3
200 32.2 24.7 37.1

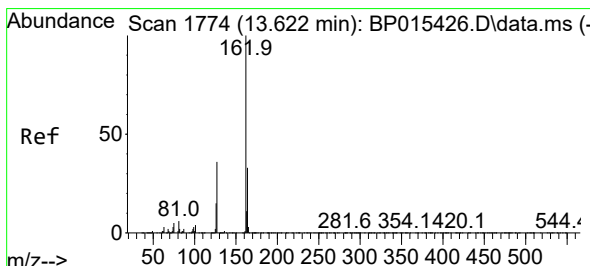
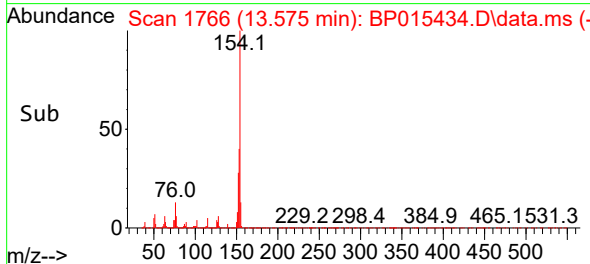
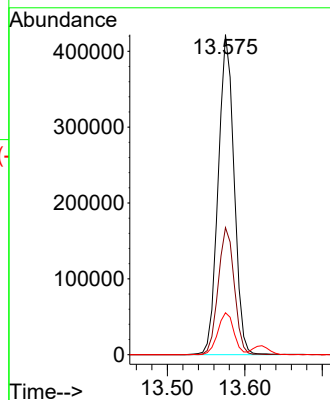
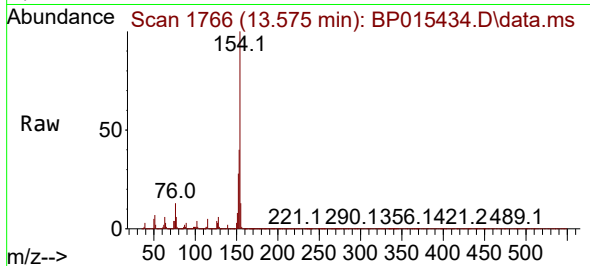




#43
1,1'-Biphenyl
Concen: 19.113 ng/ul
RT: 13.575 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

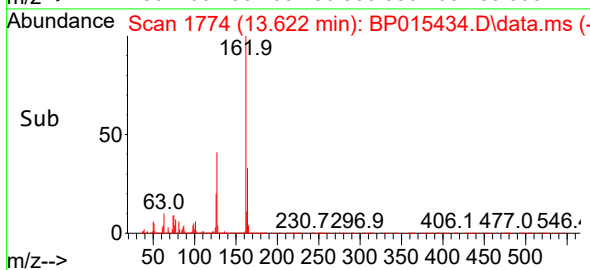
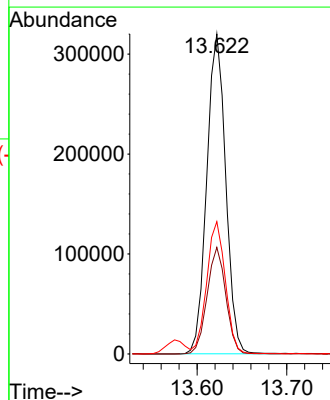
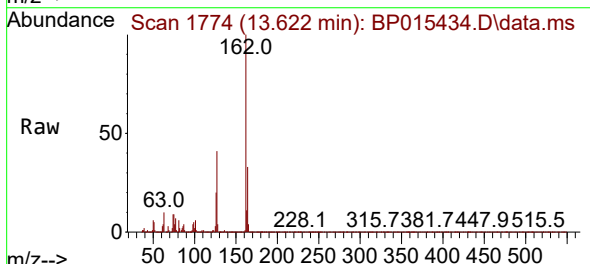
Instrument :
BNA_P
ClientSampleId :
H0FN8MS

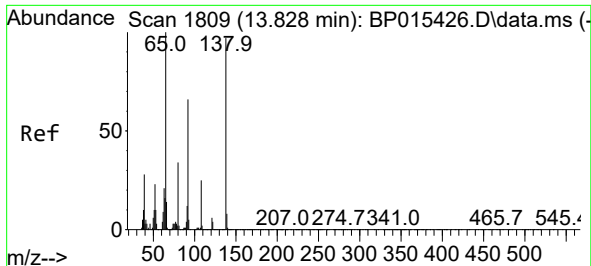
Tgt Ion:154	Resp: 601842
Ion Ratio	Lower Upper
154 100	
153 39.7	32.2 48.2
76 13.1	10.4 15.6



#44
2-Chloronaphthalene
Concen: 18.994 ng/ul
RT: 13.622 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

Tgt Ion:162	Resp: 469238
Ion Ratio	Lower Upper
162 100	
164 33.3	27.0 40.6
127 41.3	32.2 48.4

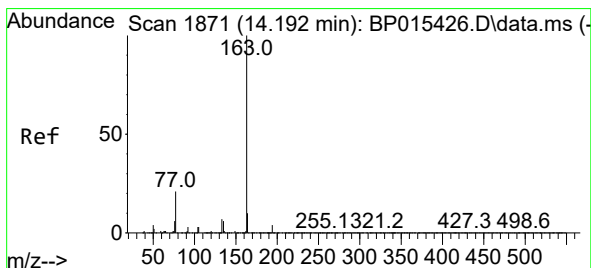
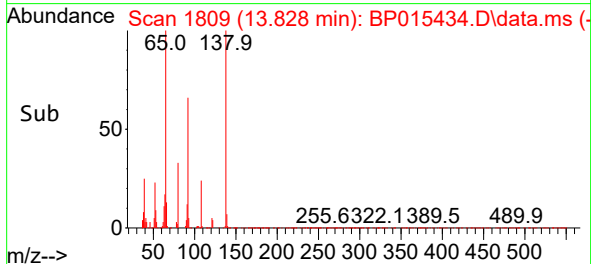
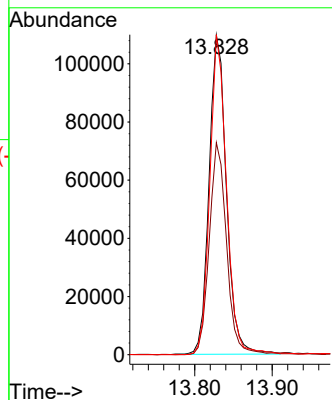
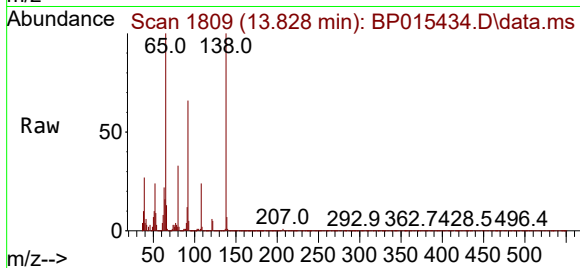




#45
2-Nitroaniline
Concen: 21.575 ng/ul
RT: 13.828 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

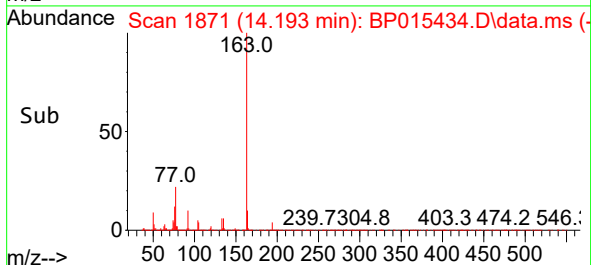
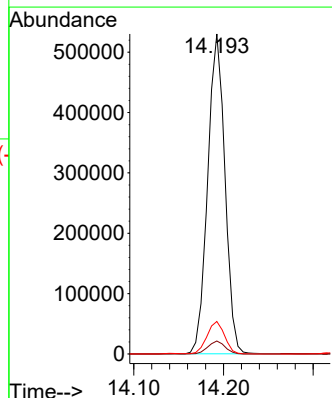
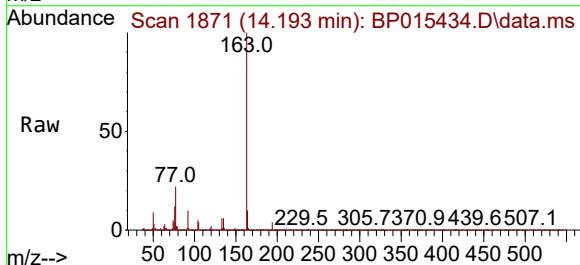
Instrument :
BNA_P
ClientSampleId :
H0FN8MS

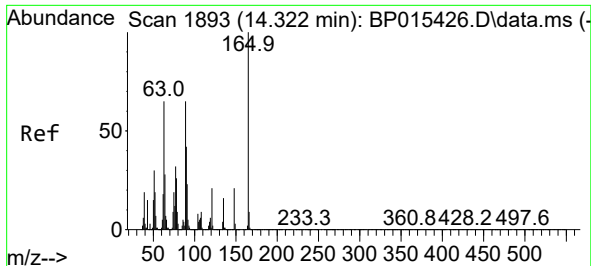
Tgt Ion: 65 Resp: 170589
Ion Ratio Lower Upper
65 100
92 66.3 55.4 83.2
138 100.2 78.8 118.2



#47
Dimethylphthalate
Concen: 21.329 ng/ul
RT: 14.193 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

Tgt Ion:163 Resp: 707076
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.1 8.2 12.2

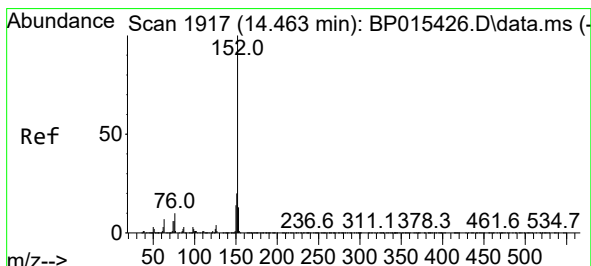
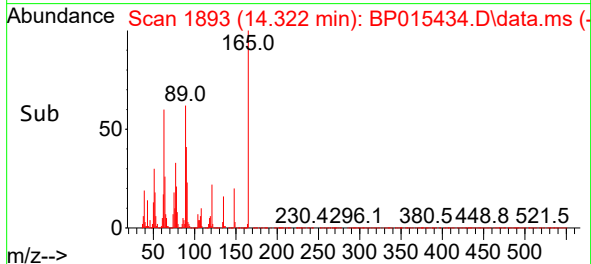
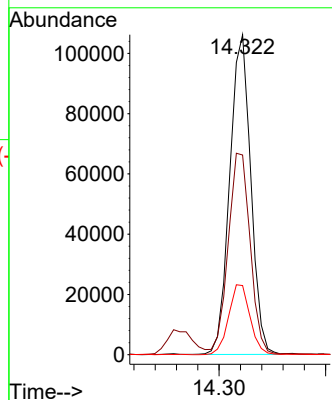
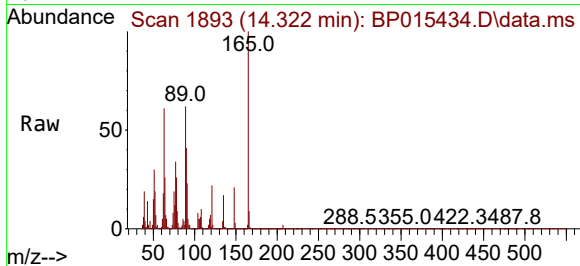




#48
2,6-Dinitrotoluene
Concen: 21.440 ng/ul
RT: 14.322 min Scan# 1893
Delta R.T. 0.000 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

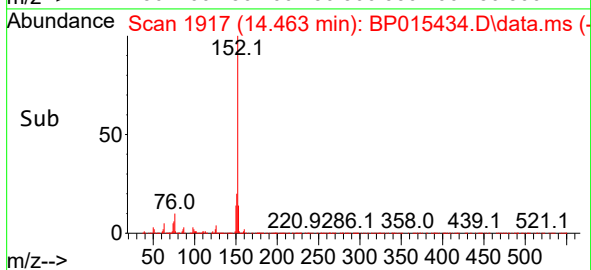
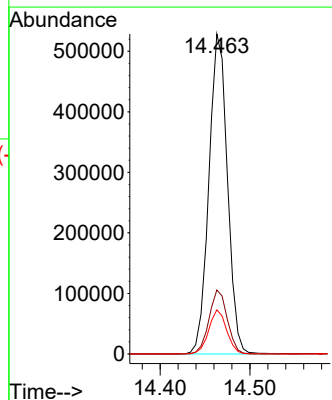
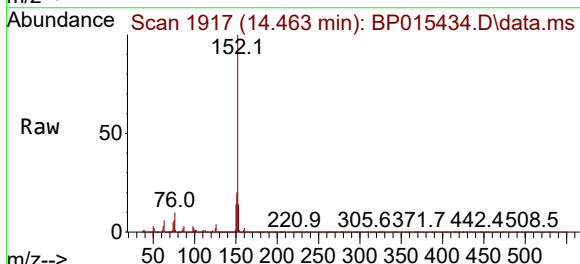
Instrument :
BNA_P
ClientSampleId :
H0FN8MS

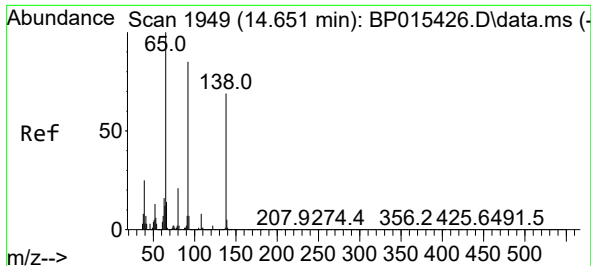
Tgt Ion:165 Resp: 145616
Ion Ratio Lower Upper
165 100
89 62.4 51.5 77.3
121 21.6 17.3 25.9



#50
Acenaphthylene
Concen: 19.470 ng/ul
RT: 14.463 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

Tgt Ion:152 Resp: 756984
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.8 10.6 15.8

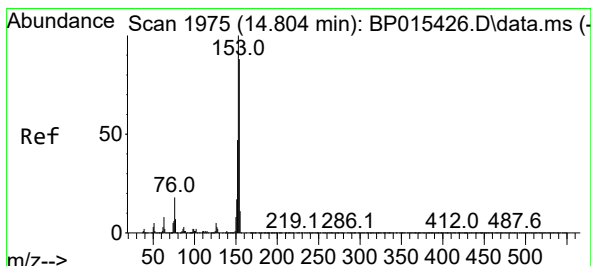
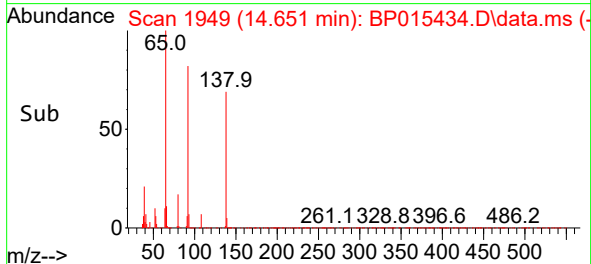
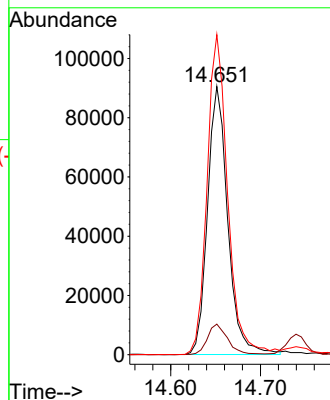
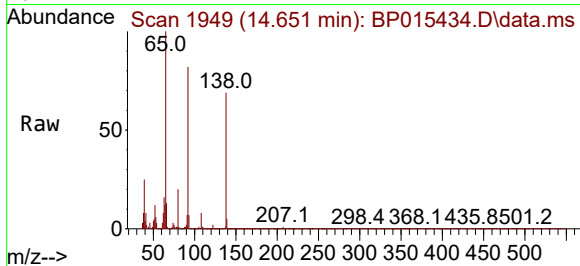




#51
3-Nitroaniline
Concen: 25.328 ng/ul
RT: 14.651 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

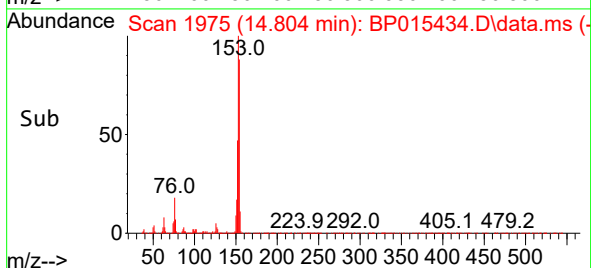
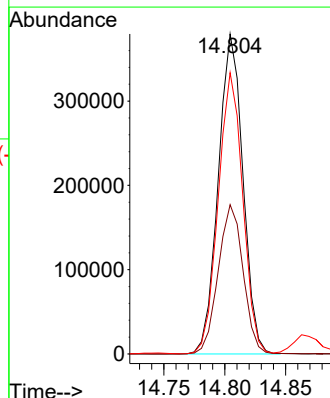
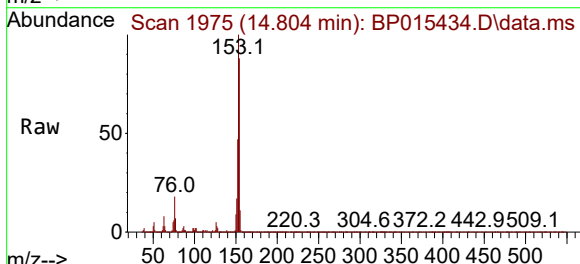
Instrument :
BNA_P
ClientSampleId :
H0FN8MS

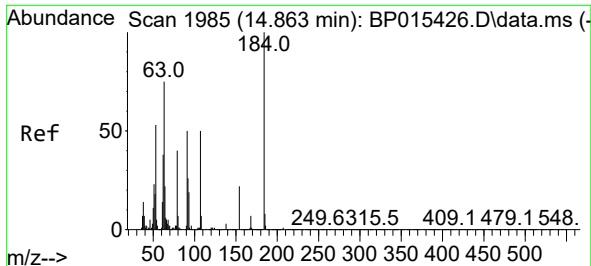
Tgt Ion:138 Resp: 142012
Ion Ratio Lower Upper
138 100
108 11.4 8.4 12.6
92 119.3 98.0 147.0



#52
Acenaphthene
Concen: 19.875 ng/ul
RT: 14.804 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

Tgt Ion:153 Resp: 534157
Ion Ratio Lower Upper
153 100
152 46.7 38.3 57.5
154 87.9 69.8 104.6

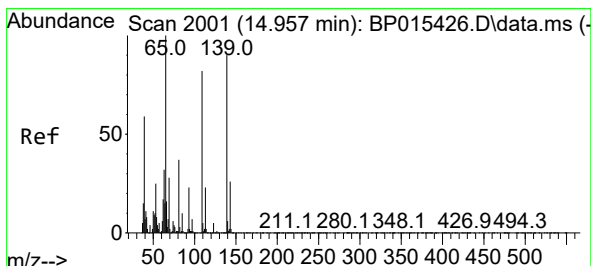
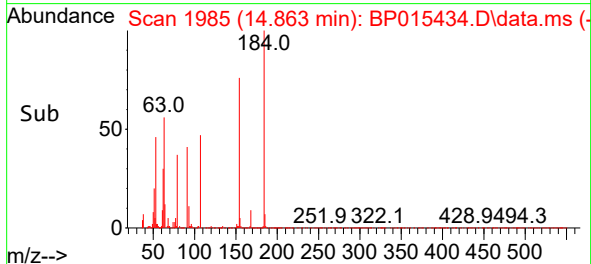
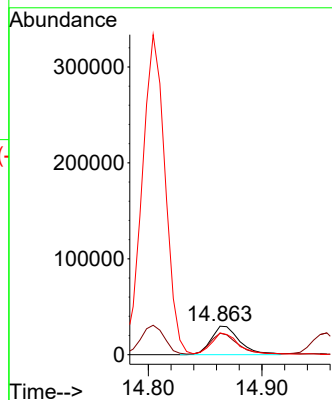
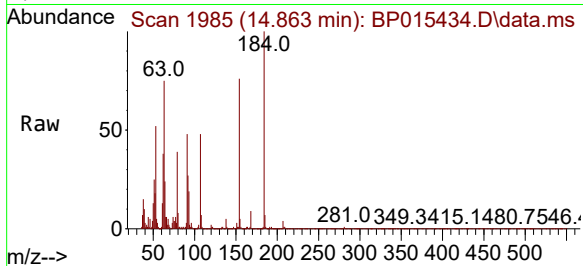




#53
2,4-Dinitrophenol
Concen: 12.645 ng/ul
RT: 14.863 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

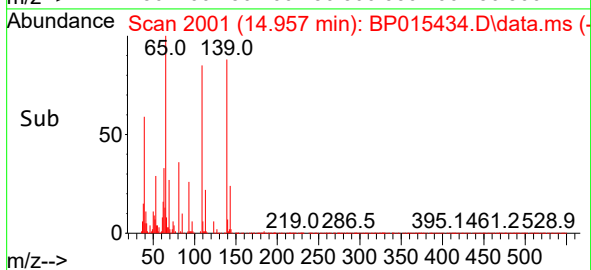
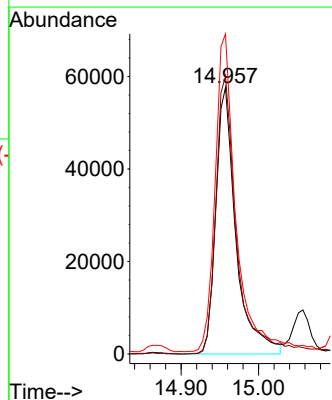
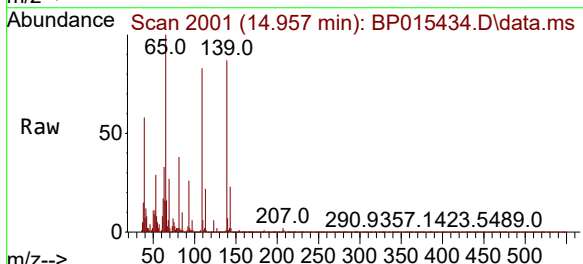
Instrument :
BNA_P
ClientSampleId :
H0FN8MS

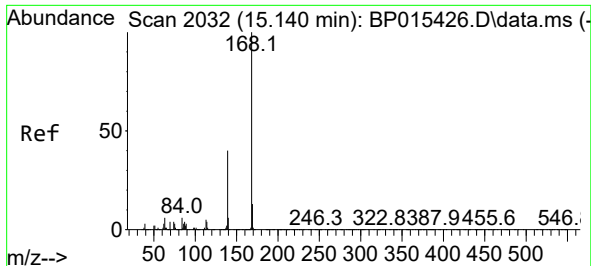
Tgt Ion:184 Resp: 51664
Ion Ratio Lower Upper
184 100
63 75.2 59.0 88.4
154 76.4 57.6 86.4



#55
4-Nitrophenol
Concen: 18.810 ng/ul
RT: 14.957 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

Tgt Ion:109 Resp: 104321
Ion Ratio Lower Upper
109 100
139 104.3 89.1 133.7
65 120.1 103.1 154.7

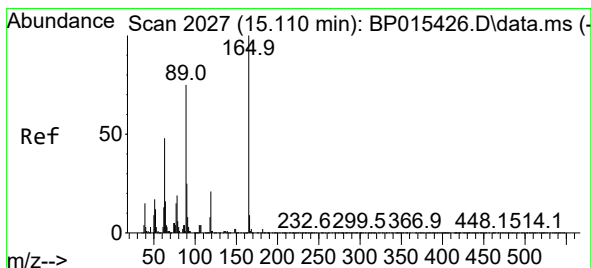
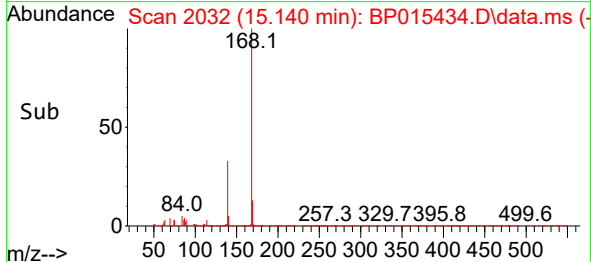
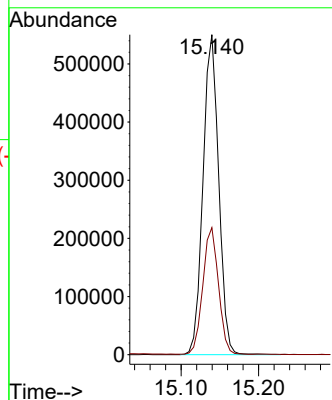
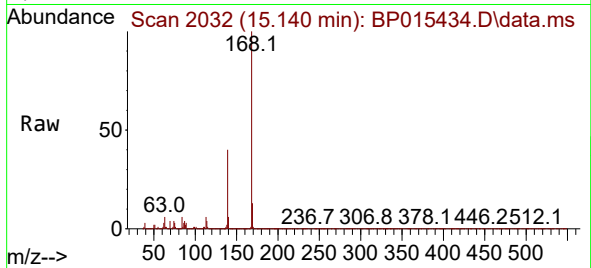




#56
Dibenzenofuran
Concen: 20.261 ng/ul
RT: 15.140 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

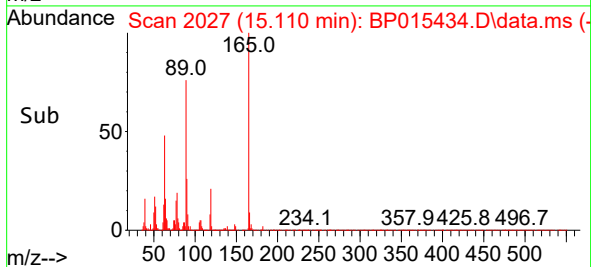
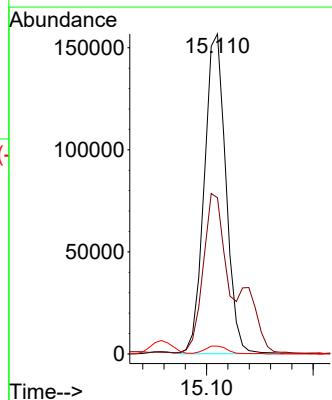
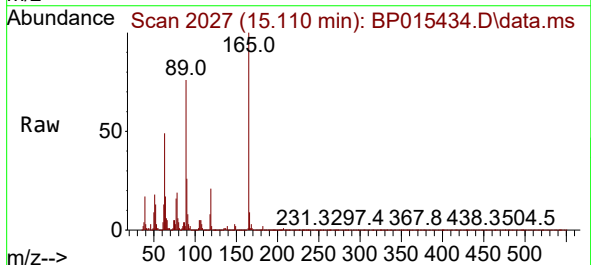
Instrument :
BNA_P
ClientSampleId :
H0FN8MS

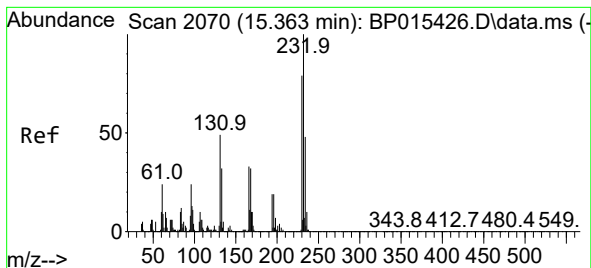
Tgt Ion:168 Resp: 771767
Ion Ratio Lower Upper
168 100
139 39.7 31.2 46.8



#57
2,4-Dinitrotoluene
Concen: 22.140 ng/ul
RT: 15.110 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

Tgt Ion:165 Resp: 221169
Ion Ratio Lower Upper
165 100
63 48.8 39.1 58.7
182 2.5 2.2 3.4



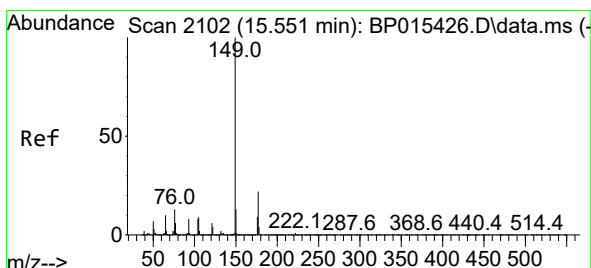
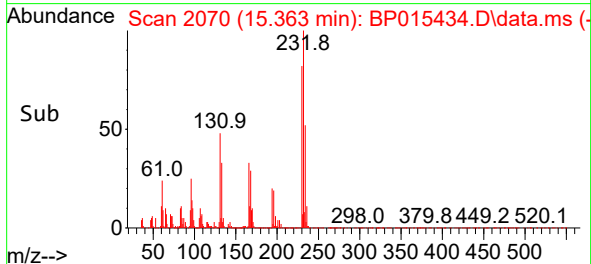
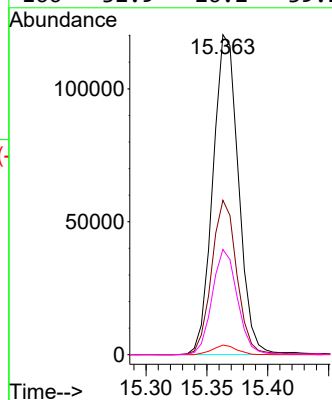
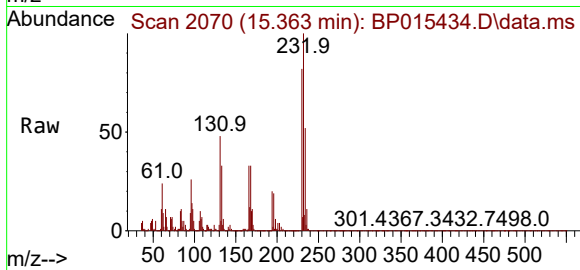


#58
2,3,4,6-Tetrachlorophenol
Concen: 21.170 ng/ul
RT: 15.363 min Scan# 2070
Delta R.T. -0.006 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

Instrument :
BNA_P
ClientSampleId :
H0FN8MS

Tgt Ion:232 Resp: 175776

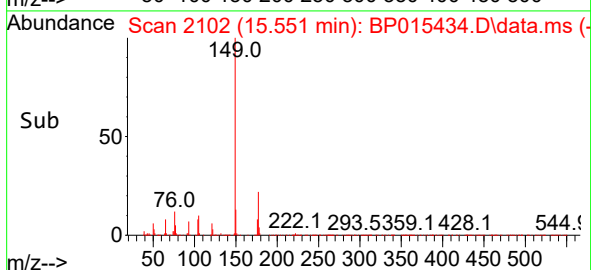
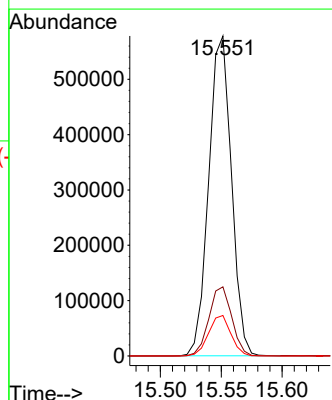
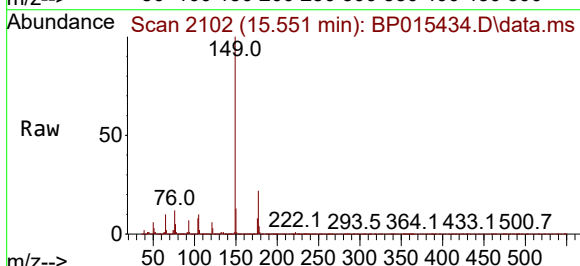
Ion	Ratio	Lower	Upper
232	100		
131	48.2	37.8	56.8
130	3.0	1.9	2.9#
166	32.9	26.2	39.2

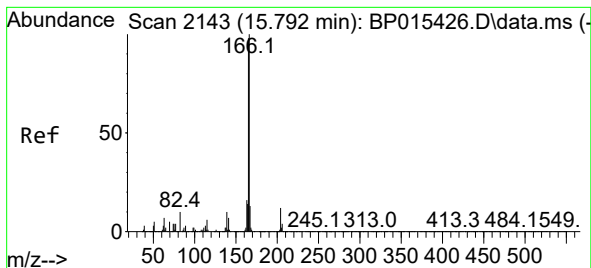


#59
Diethylphthalate
Concen: 22.094 ng/ul
RT: 15.551 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

Tgt Ion:149 Resp: 750667

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.8	26.8
150	12.6	10.1	15.1





#61

Fluorene

Concen: 20.783 ng/ul

RT: 15.787 min Scan# 2143

Delta R.T. -0.006 min

Lab File: BP015434.D

Acq: 08 Jun 2023 14:22

Instrument :

BNA_P

ClientSampleId :

H0FN8MS

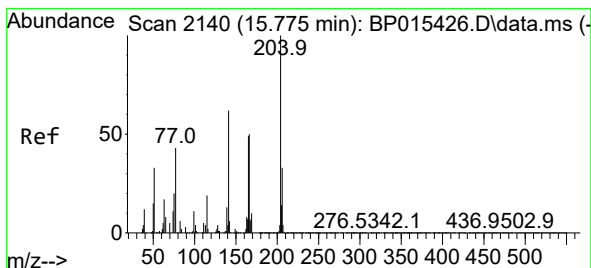
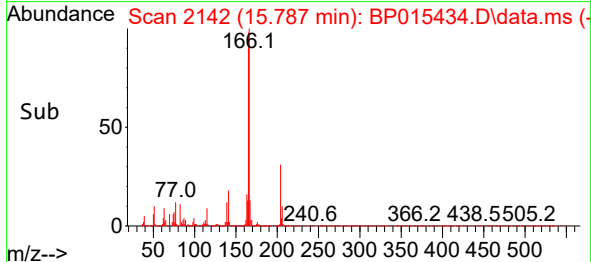
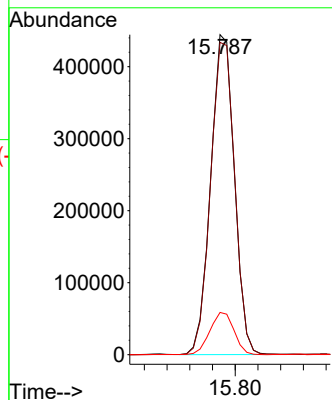
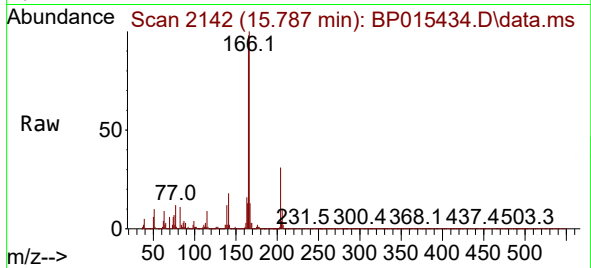
Tgt Ion:166 Resp: 645356

Ion Ratio Lower Upper

166 100

165 97.6 79.1 118.7

167 13.2 10.6 16.0



#62

4-Chlorophenyl-phenylether

Concen: 20.814 ng/ul

RT: 15.775 min Scan# 2140

Delta R.T. -0.006 min

Lab File: BP015434.D

Acq: 08 Jun 2023 14:22

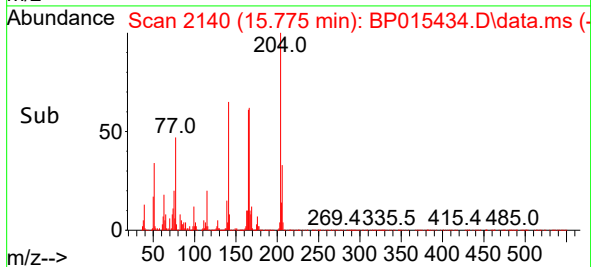
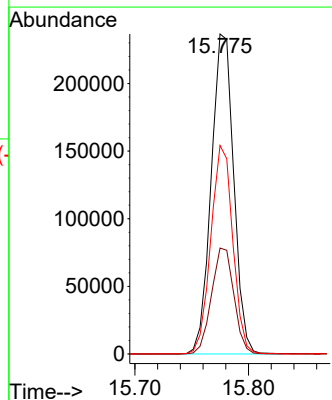
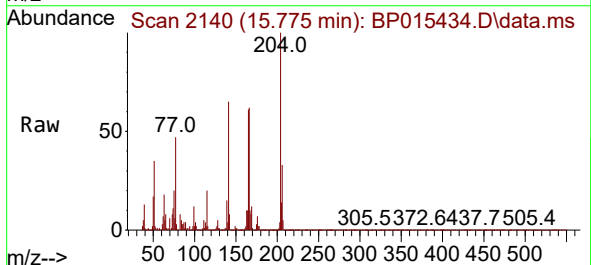
Tgt Ion:204 Resp: 325735

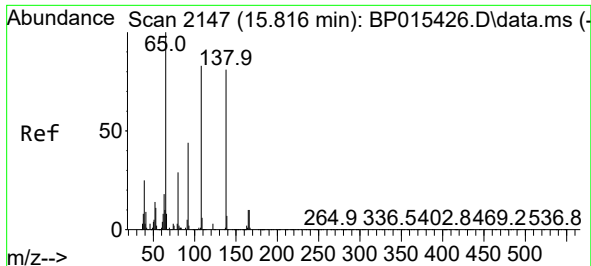
Ion Ratio Lower Upper

204 100

206 33.1 26.6 40.0

141 65.1 49.8 74.8

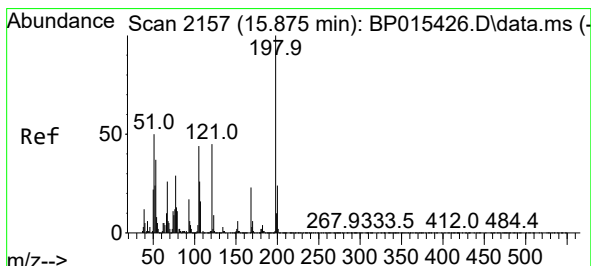
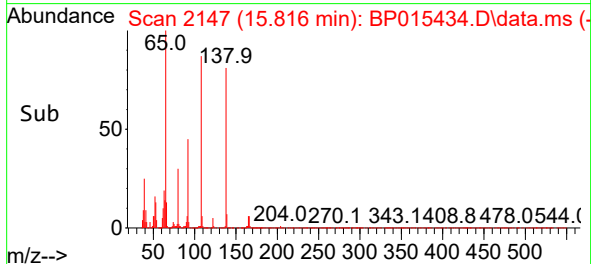
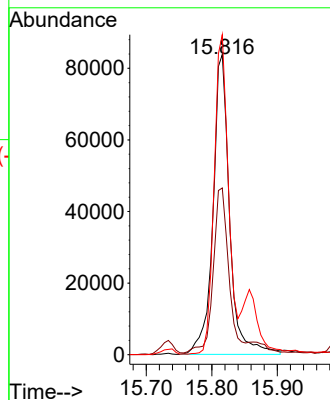
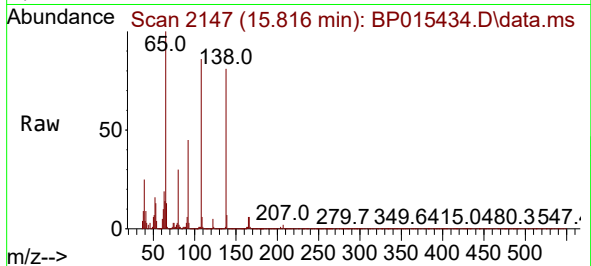




#63
4-Nitroaniline
Concen: 27.725 ng/ul
RT: 15.816 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

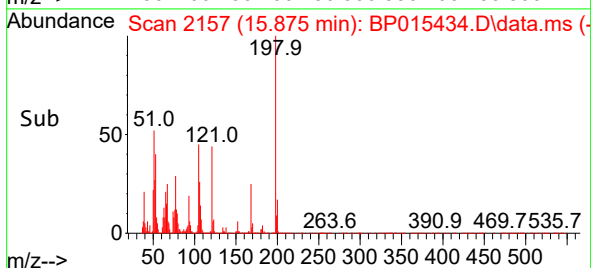
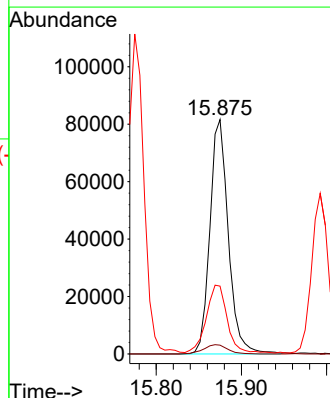
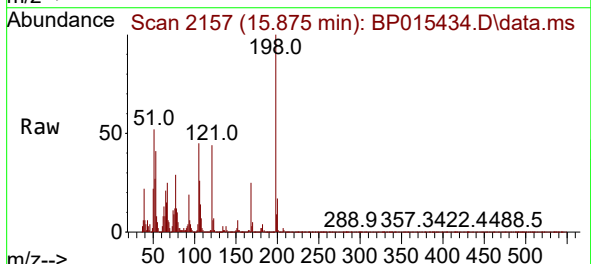
Instrument :
BNA_P
ClientSampleId :
H0FN8MS

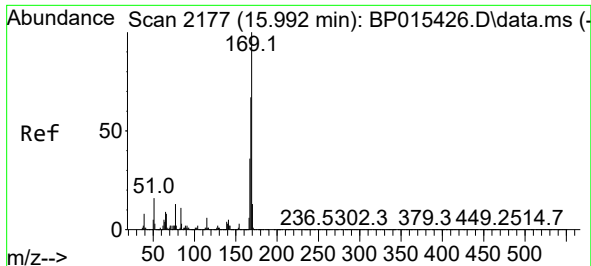
Tgt Ion:138 Resp: 147451
Ion Ratio Lower Upper
138 100
92 55.6 44.6 67.0
108 106.6 78.4 117.6



#66
4,6-Dinitro-2-methylphenol
Concen: 19.889 ng/ul
RT: 15.875 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

Tgt Ion:198 Resp: 122888
Ion Ratio Lower Upper
198 100
182 3.7 3.0 4.4
77 29.0 20.5 30.7





#67

N-Nitrosodiphenylamine

Concen: 21.545 ng/ul

RT: 15.993 min Scan# 2177

Delta R.T. -0.006 min

Lab File: BP015434.D

Acq: 08 Jun 2023 14:22

Instrument :

BNA_P

ClientSampleId :

H0FN8MS

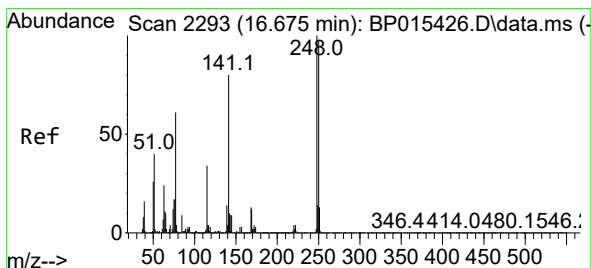
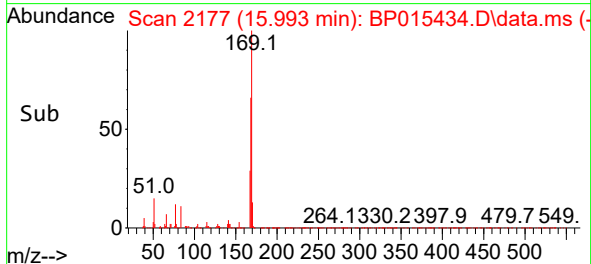
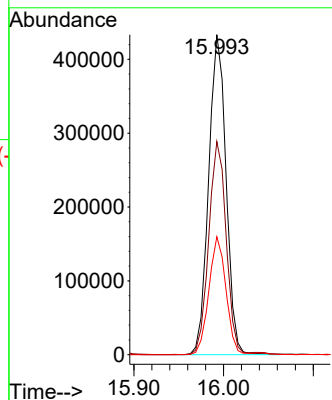
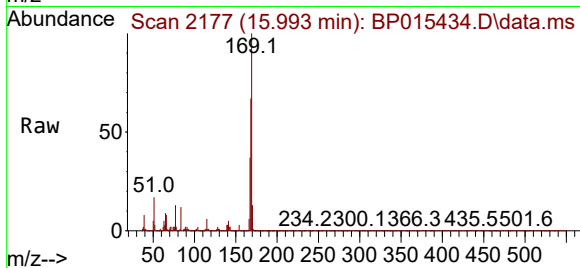
Tgt Ion:169 Resp: 584512

Ion Ratio Lower Upper

169 100

168 66.6 53.0 79.4

167 36.9 28.9 43.3



#68

4-Bromophenyl-phenylether

Concen: 21.586 ng/ul

RT: 16.675 min Scan# 2293

Delta R.T. -0.006 min

Lab File: BP015434.D

Acq: 08 Jun 2023 14:22

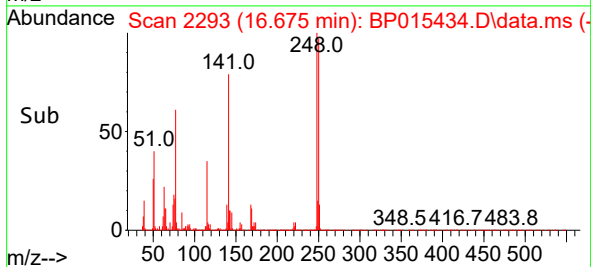
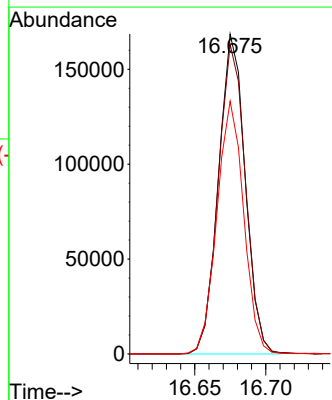
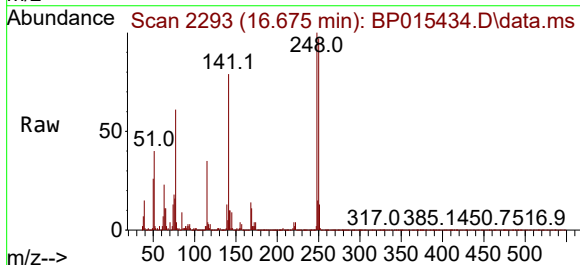
Tgt Ion:248 Resp: 220837

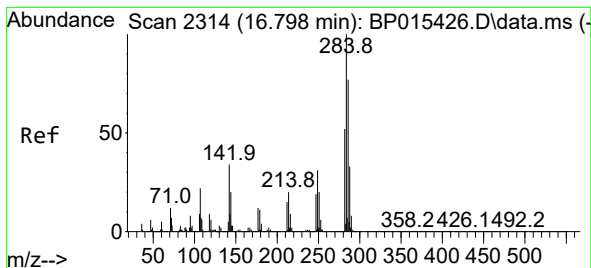
Ion Ratio Lower Upper

248 100

250 96.7 78.3 117.5

141 79.0 61.1 91.7





#69

Hexachlorobenzene

Concen: 21.756 ng/ul

RT: 16.798 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015434.D

Acq: 08 Jun 2023 14:22

Instrument :

BNA_P

ClientSampleId :

H0FN8MS

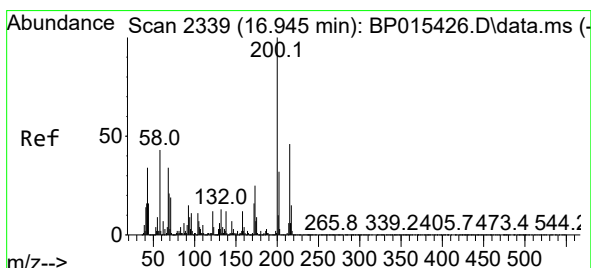
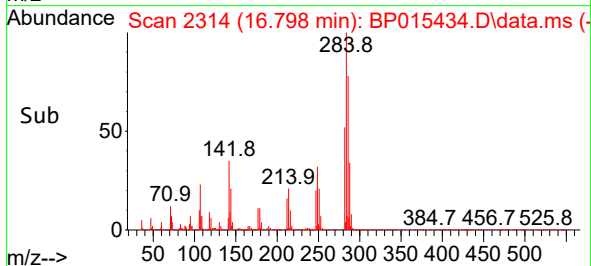
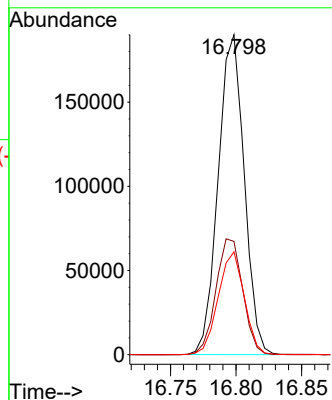
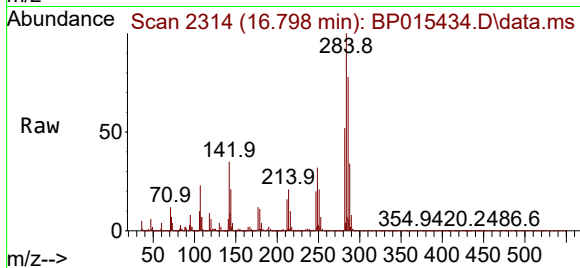
Tgt Ion:284 Resp: 262550

Ion Ratio Lower Upper

284 100

142 35.4 25.4 38.2

249 32.2 24.8 37.2



#70

Atrazine

Concen: 17.581 ng/ul

RT: 16.945 min Scan# 2339

Delta R.T. -0.006 min

Lab File: BP015434.D

Acq: 08 Jun 2023 14:22

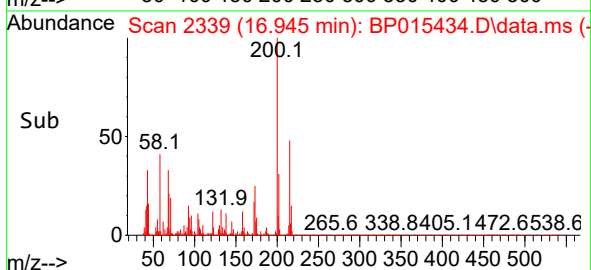
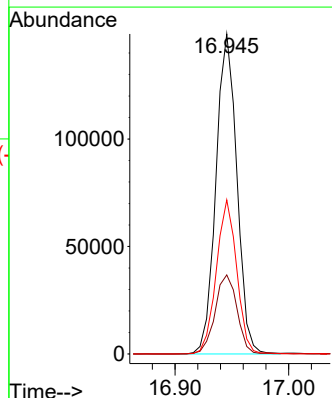
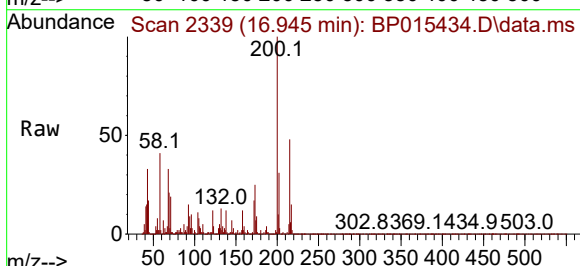
Tgt Ion:200 Resp: 190468

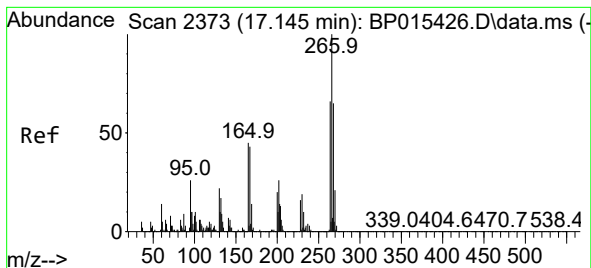
Ion Ratio Lower Upper

200 100

173 24.7 19.8 29.6

215 48.1 37.4 56.0





#71

Pentachlorophenol

Concen: 20.102 ng/ul

RT: 17.145 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015434.D

Acq: 08 Jun 2023 14:22

Instrument :

BNA_P

ClientSampleId :

H0FN8MS

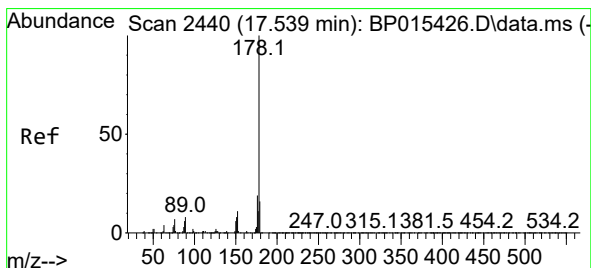
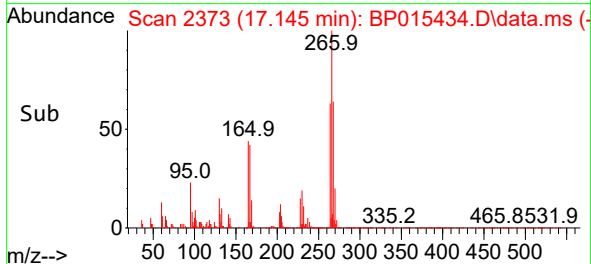
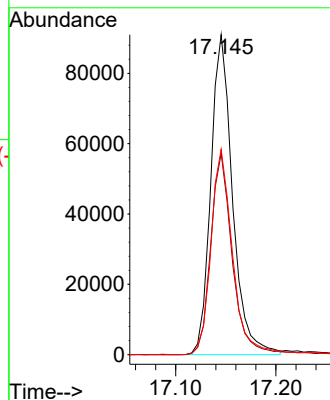
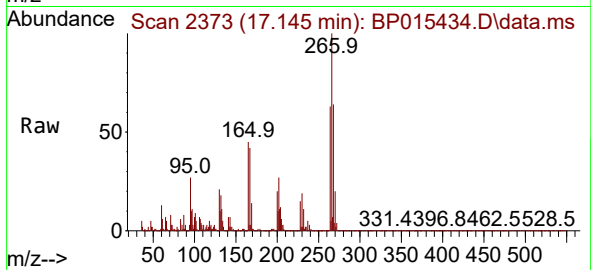
Tgt Ion:266 Resp: 137116

Ion Ratio Lower Upper

266 100

264 62.8 49.6 74.4

268 64.2 51.0 76.6



#72

Phenanthrene

Concen: 21.986 ng/ul

RT: 17.539 min Scan# 2440

Delta R.T. -0.006 min

Lab File: BP015434.D

Acq: 08 Jun 2023 14:22

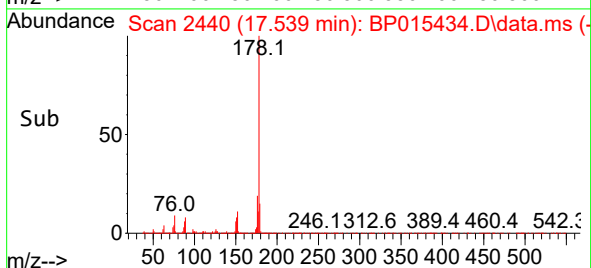
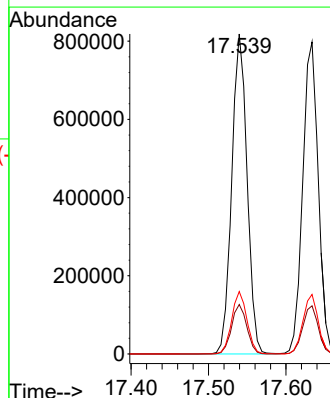
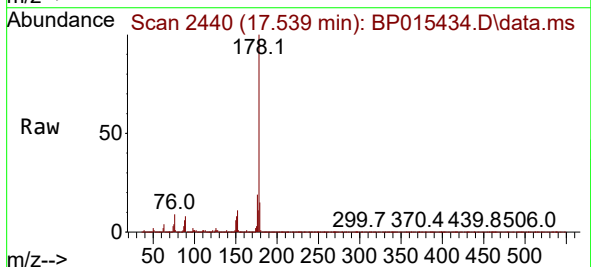
Tgt Ion:178 Resp: 1128241

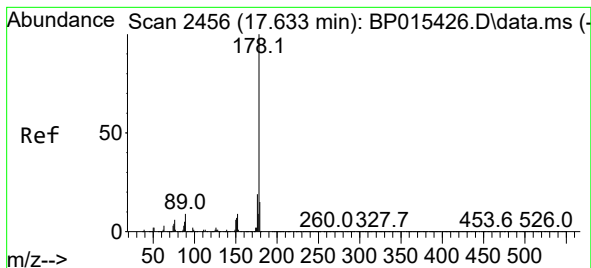
Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

176 19.5 15.4 23.0





#74

Anthracene

Concen: 21.436 ng/uI

RT: 17.634 min Scan# 2456

Delta R.T. 0.000 min

Lab File: BP015434.D

Acq: 08 Jun 2023 14:22

Instrument :

BNA_P

ClientSampleId :

H0FN8MS

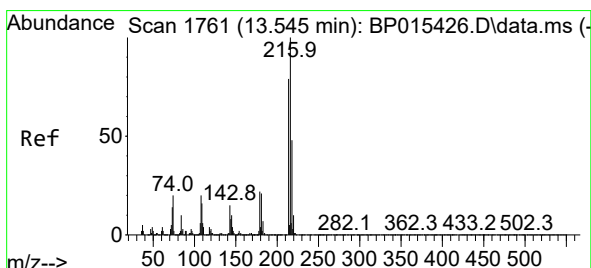
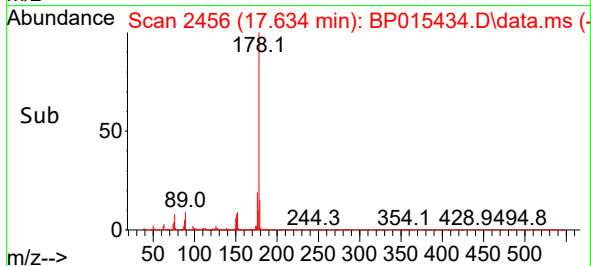
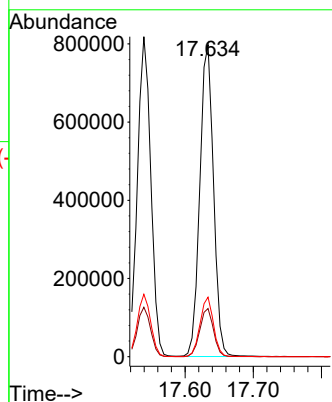
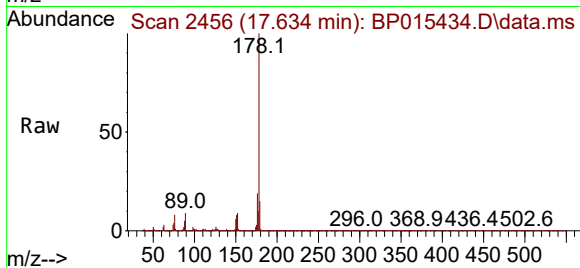
Tgt Ion:178 Resp: 1116149

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

176 19.1 15.0 22.4



#75

1,2,3,4-Tetrachlorobenzene

Concen: 19.506 ng/uI

RT: 13.546 min Scan# 1761

Delta R.T. -0.006 min

Lab File: BP015434.D

Acq: 08 Jun 2023 14:22

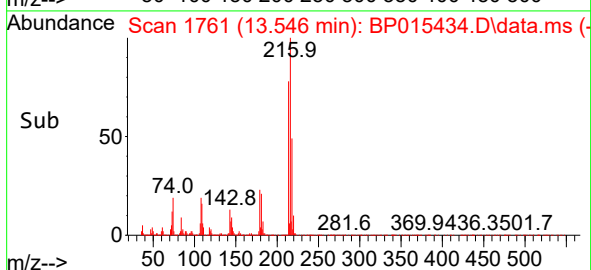
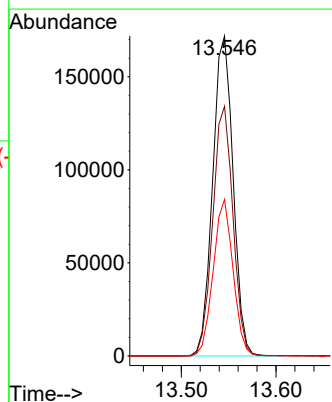
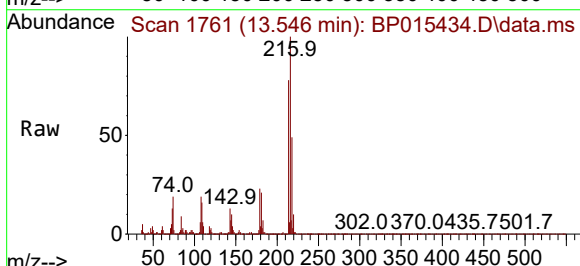
Tgt Ion:216 Resp: 257434

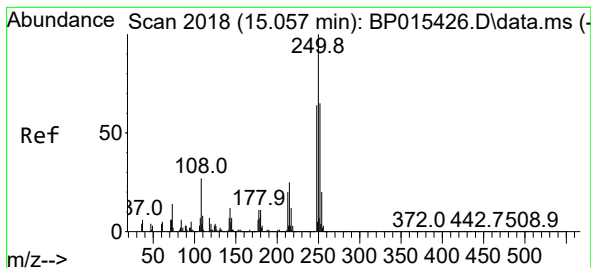
Ion Ratio Lower Upper

216 100

214 78.0 62.1 93.1

218 48.9 39.0 58.4





#76

Pentachlorobenzene

Concen: 19.859 ng/uL

RT: 15.057 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BP015434.D

Acq: 08 Jun 2023 14:22

Instrument :

BNA_P

ClientSampleId :

H0FN8MS

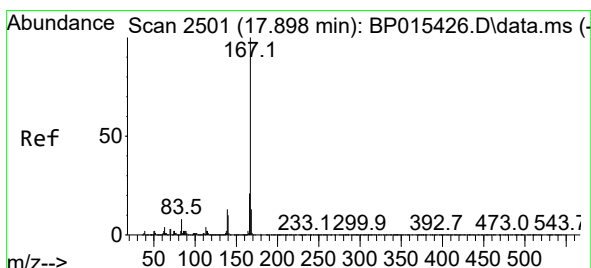
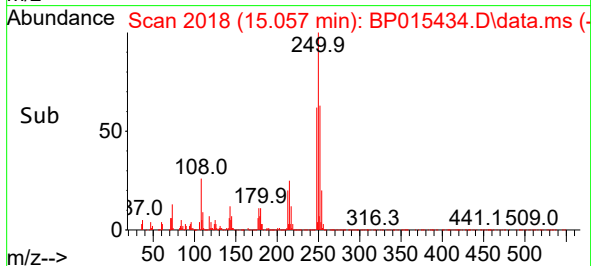
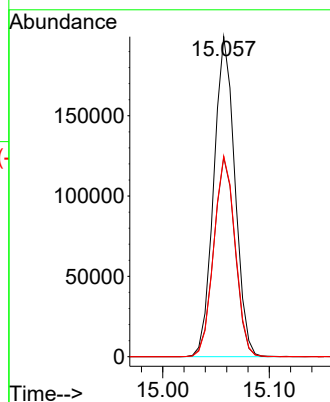
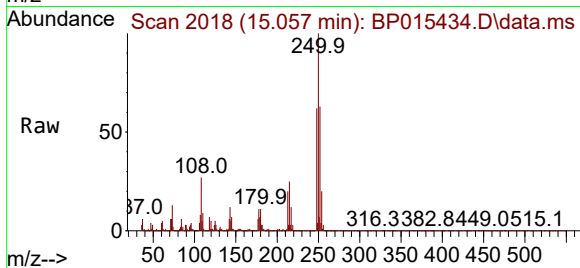
Tgt Ion:250 Resp: 274413

Ion Ratio Lower Upper

250 100

248 62.3 49.0 73.4

252 62.7 49.9 74.9



#77

Carbazole

Concen: 22.308 ng/uL

RT: 17.898 min Scan# 2501

Delta R.T. -0.006 min

Lab File: BP015434.D

Acq: 08 Jun 2023 14:22

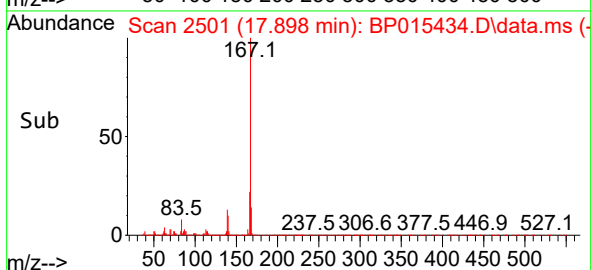
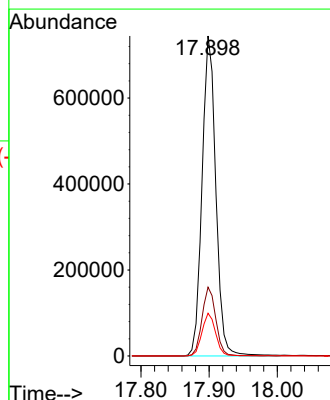
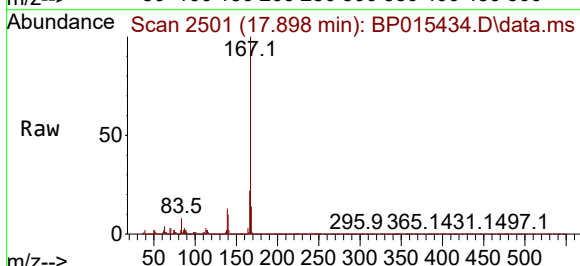
Tgt Ion:167 Resp: 1045889

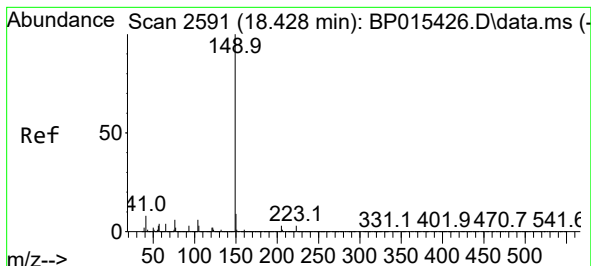
Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

139 13.4 10.6 16.0





#78

Di-n-butylphthalate

Concen: 23.849 ng/ul

RT: 18.428 min Scan# 2591

Delta R.T. -0.006 min

Lab File: BP015434.D

Acq: 08 Jun 2023 14:22

Instrument :

BNA_P

ClientSampleId :

H0FN8MS

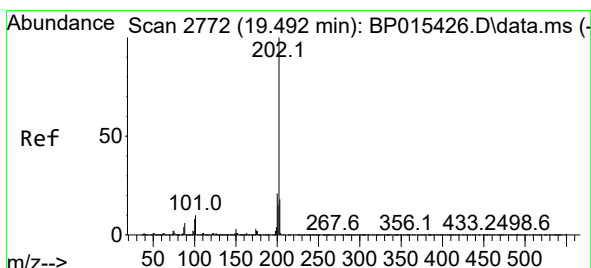
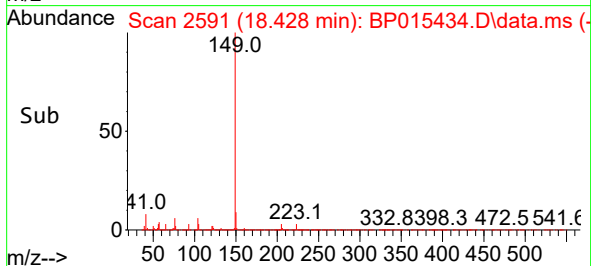
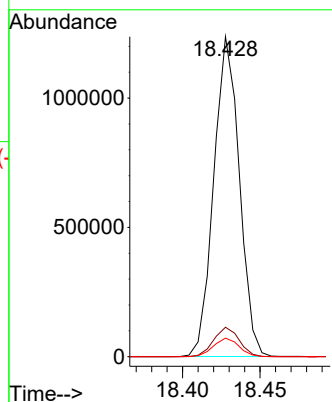
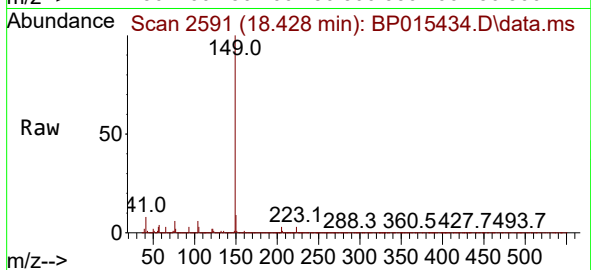
Tgt Ion:149 Resp: 1418659

Ion Ratio Lower Upper

149 100

150 9.2 7.1 10.7

104 5.8 4.5 6.7



#80

Fluoranthene

Concen: 22.766 ng/ul

RT: 19.492 min Scan# 2772

Delta R.T. -0.006 min

Lab File: BP015434.D

Acq: 08 Jun 2023 14:22

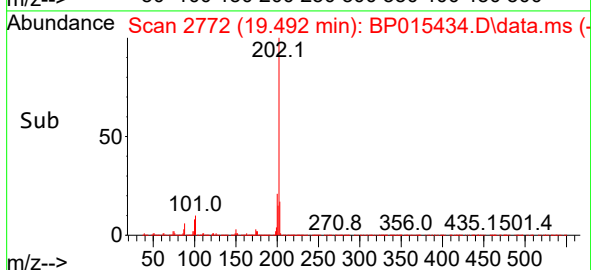
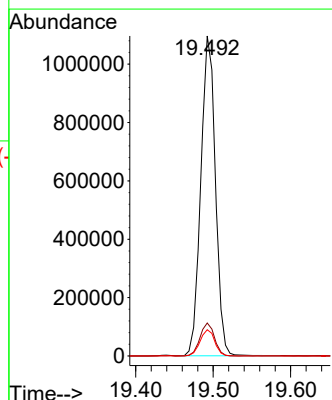
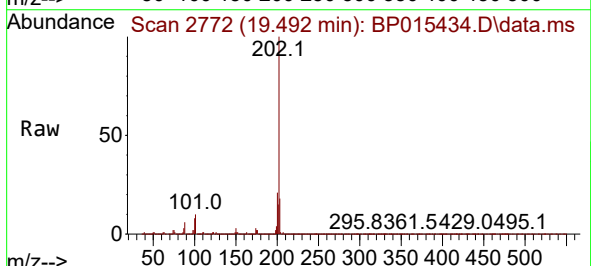
Tgt Ion:202 Resp: 1436169

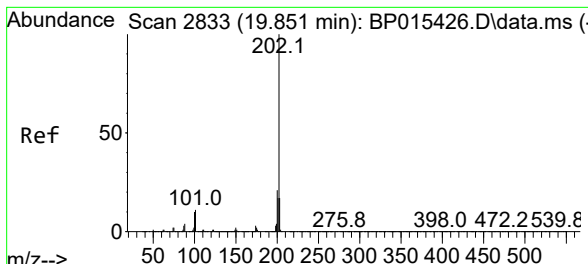
Ion Ratio Lower Upper

202 100

101 10.3 8.6 13.0

100 8.2 6.6 9.8

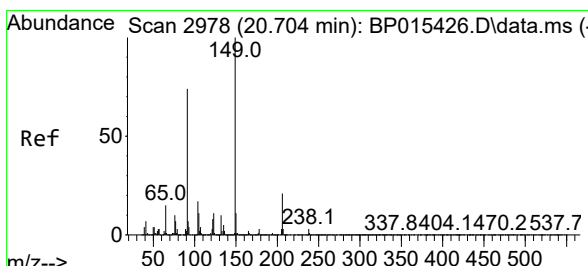
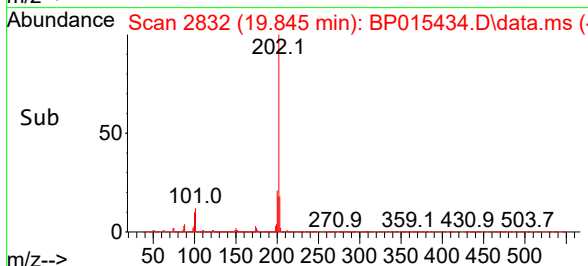
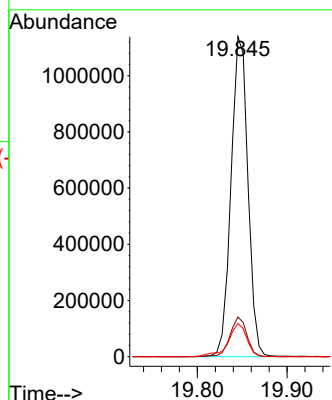
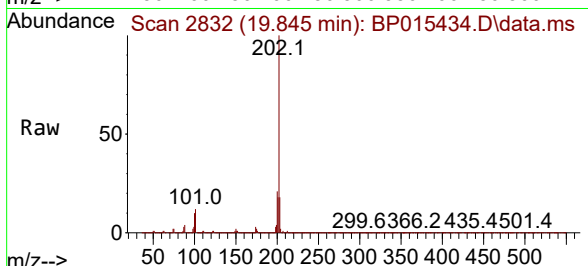




#82
 Pyrene
 Concen: 22.782 ng/ul
 RT: 19.845 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP015434.D
 Acq: 08 Jun 2023 14:22

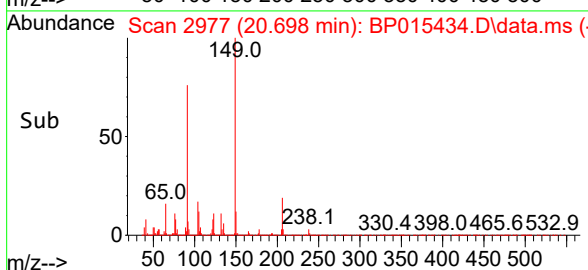
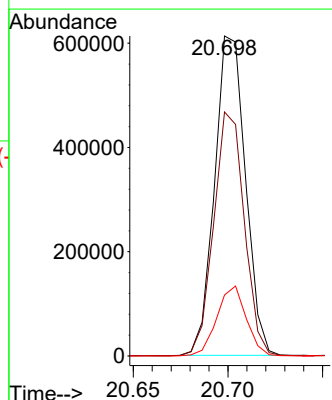
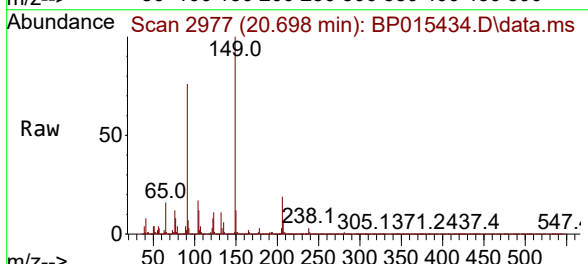
Instrument :
 BNA_P
 ClientSampleId :
 H0FN8MS

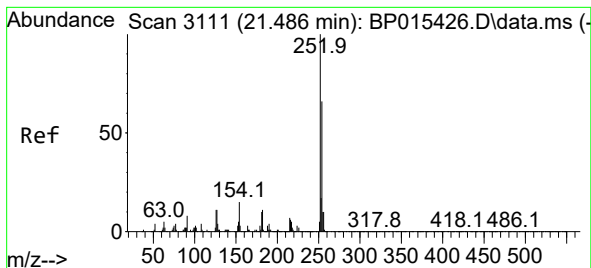
Tgt Ion:202 Resp: 1486864
 Ion Ratio Lower Upper
 202 100
 101 12.4 9.9 14.9
 100 10.3 8.4 12.6



#83
 Butylbenzylphthalate
 Concen: 24.183 ng/ul
 RT: 20.698 min Scan# 2977
 Delta R.T. -0.006 min
 Lab File: BP015434.D
 Acq: 08 Jun 2023 14:22

Tgt Ion:149 Resp: 697602
 Ion Ratio Lower Upper
 149 100
 91 76.3 60.4 90.6
 206 19.1 16.4 24.6





#84

3,3'-Dichlorobenzidine

Concen: 20.766 ng/ul

RT: 21.486 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP015434.D

Acq: 08 Jun 2023 14:22

Instrument :

BNA_P

ClientSampleId :

H0FN8MS

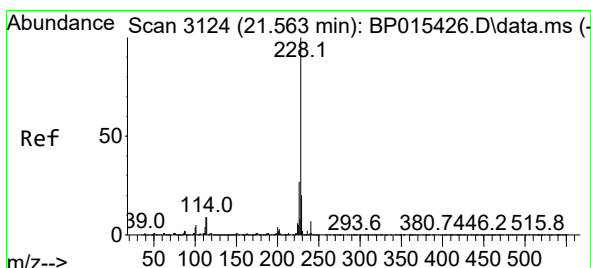
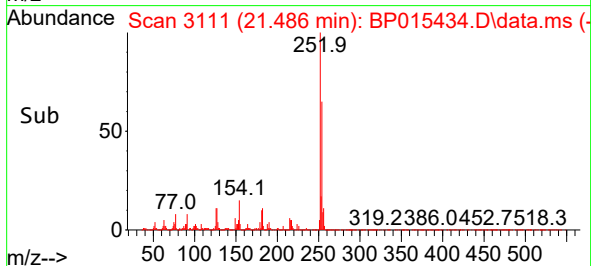
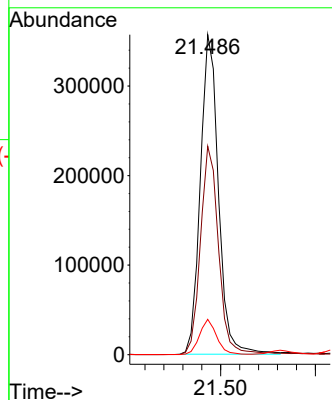
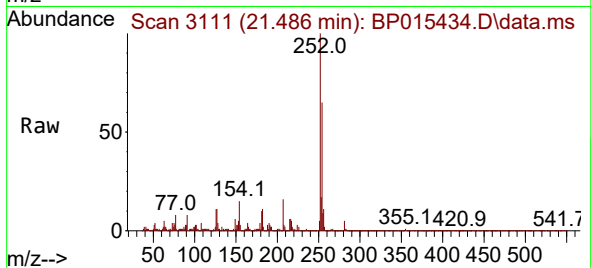
Tgt Ion:252 Resp: 474733

Ion Ratio Lower Upper

252 100

254 65.2 51.6 77.4

126 11.1 8.5 12.7



#85

Benzo(a)anthracene

Concen: 22.053 ng/ul

RT: 21.563 min Scan# 3124

Delta R.T. -0.006 min

Lab File: BP015434.D

Acq: 08 Jun 2023 14:22

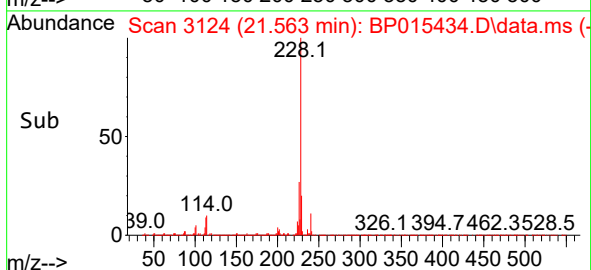
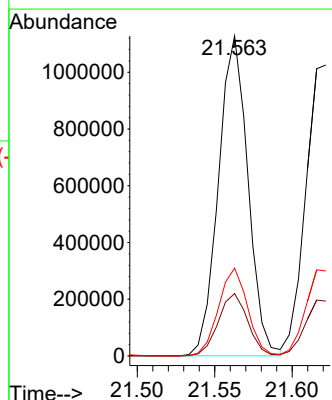
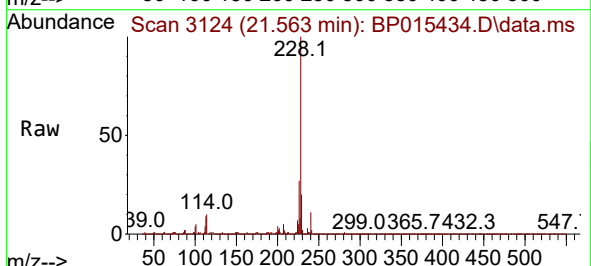
Tgt Ion:228 Resp: 1491759

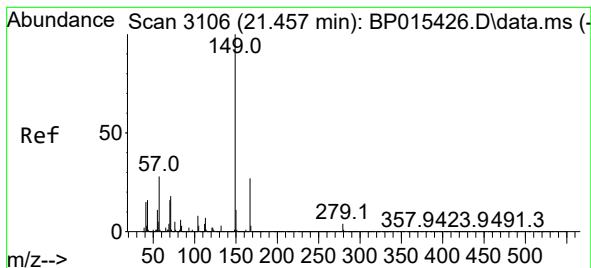
Ion Ratio Lower Upper

228 100

229 19.5 15.8 23.6

226 27.5 21.8 32.6

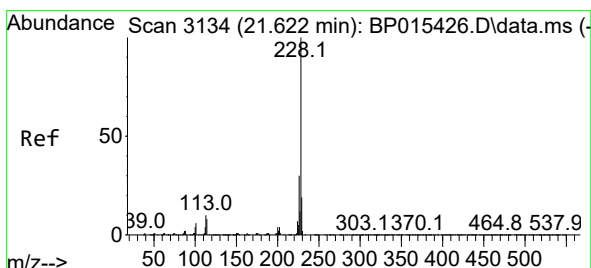
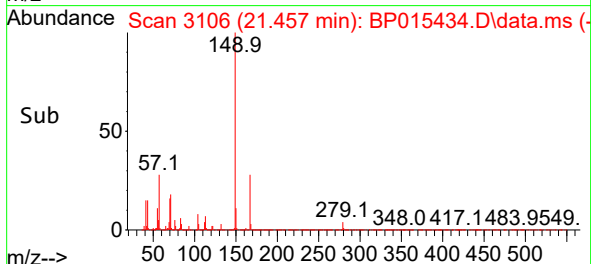
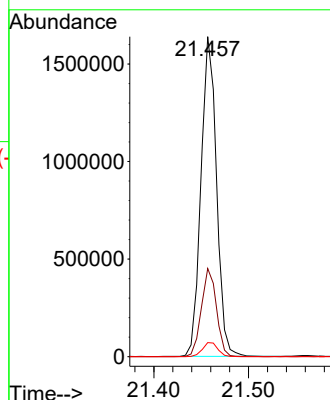
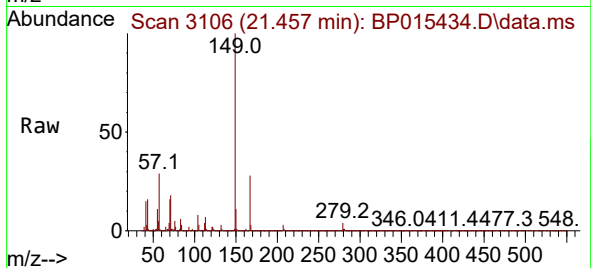




#86
Bis(2-ethylhexyl)phthalate
Concen: 43.854 ng/ul
RT: 21.457 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

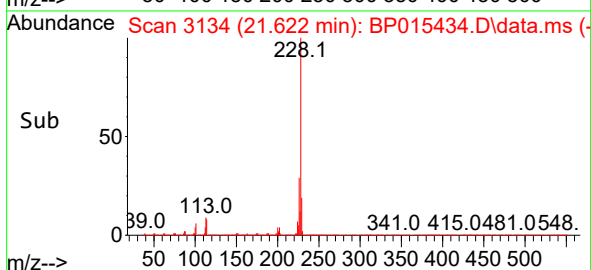
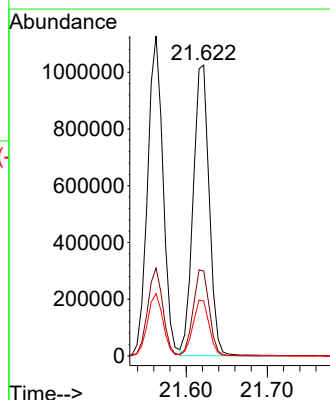
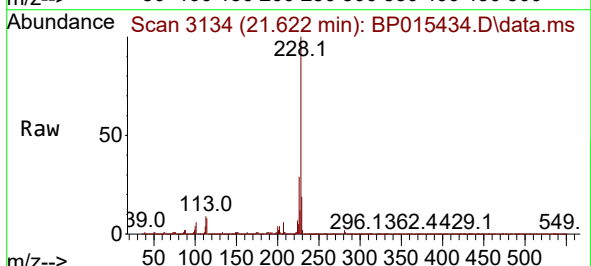
Instrument :
BNA_P
ClientSampleId :
H0FN8MS

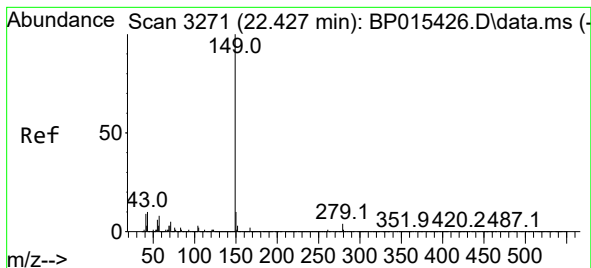
Tgt Ion:149 Resp: 1869840
Ion Ratio Lower Upper
149 100
167 27.5 21.8 32.8
279 4.4 3.7 5.5



#87
Chrysene
Concen: 22.030 ng/ul
RT: 21.622 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

Tgt Ion:228 Resp: 1408598
Ion Ratio Lower Upper
228 100
226 29.2 23.9 35.9
229 18.9 15.1 22.7





#89

Di-n-octyl phthalate

Concen: 29.452 ng/ul

RT: 22.427 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP015434.D

Acq: 08 Jun 2023 14:22

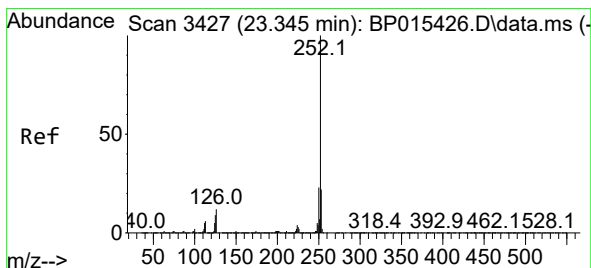
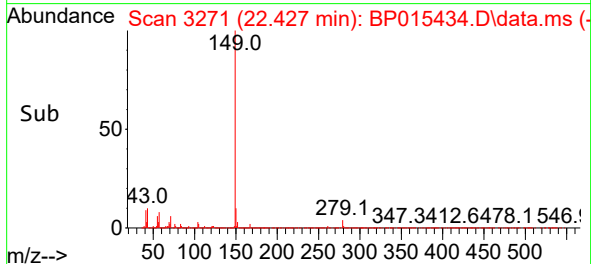
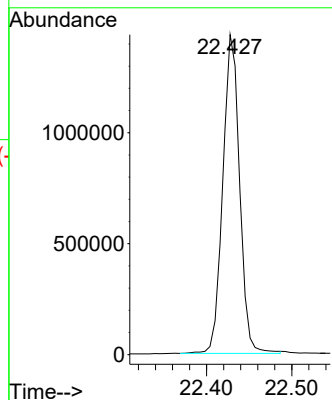
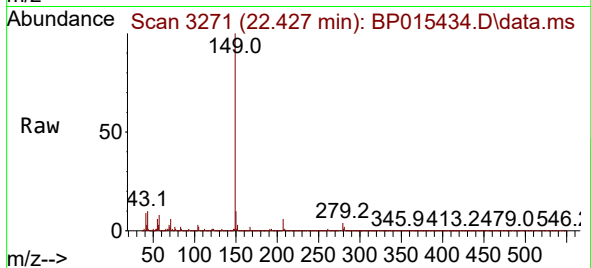
Instrument :

BNA_P

ClientSampleId :

H0FN8MS

Tgt Ion:149 Resp: 1966337



#90

Benzo(b)fluoranthene

Concen: 22.411 ng/ul

RT: 23.345 min Scan# 3427

Delta R.T. -0.006 min

Lab File: BP015434.D

Acq: 08 Jun 2023 14:22

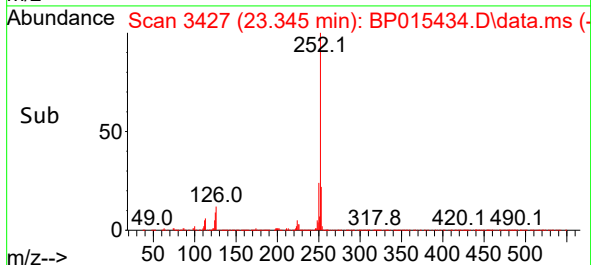
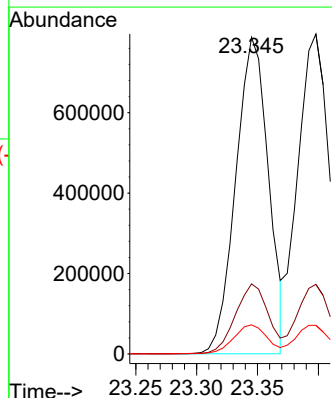
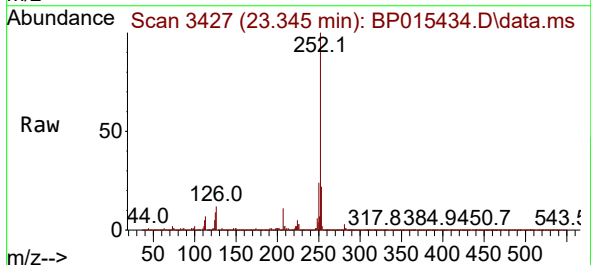
Tgt Ion:252 Resp: 1469593

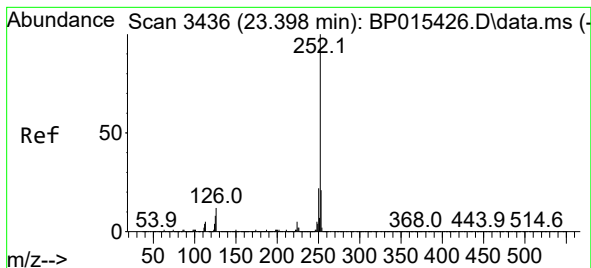
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 9.2 7.3 10.9





#91

Benzo(k)fluoranthene

Concen: 23.122 ng/ul

RT: 23.398 min Scan# 3436

Delta R.T. -0.006 min

Lab File: BP015434.D

Acq: 08 Jun 2023 14:22

Instrument :

BNA_P

ClientSampleId :

H0FN8MS

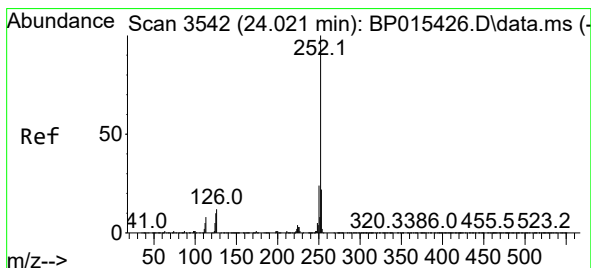
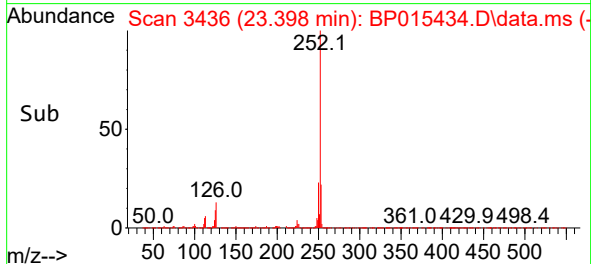
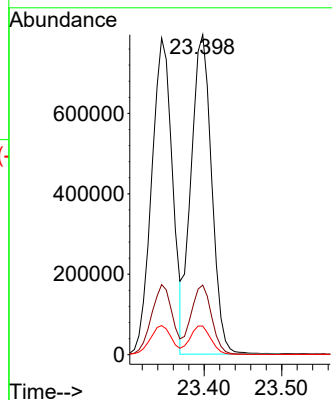
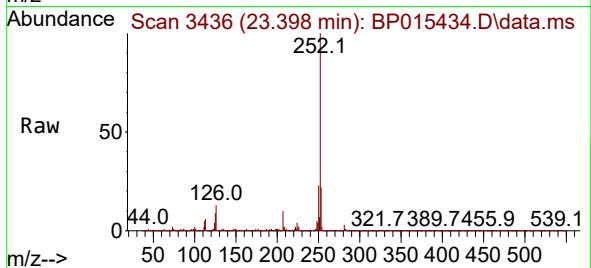
Tgt Ion:252 Resp: 1465649

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 9.0 7.3 10.9



#93

Benzo(a)pyrene

Concen: 21.478 ng/ul

RT: 24.021 min Scan# 3542

Delta R.T. -0.006 min

Lab File: BP015434.D

Acq: 08 Jun 2023 14:22

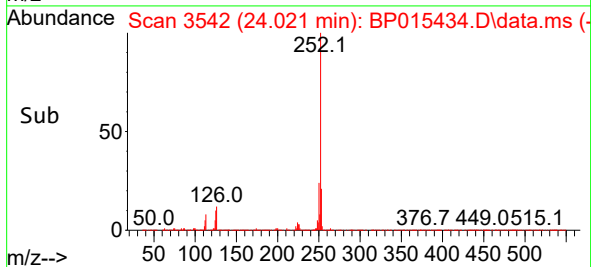
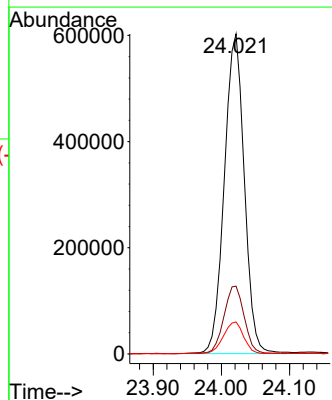
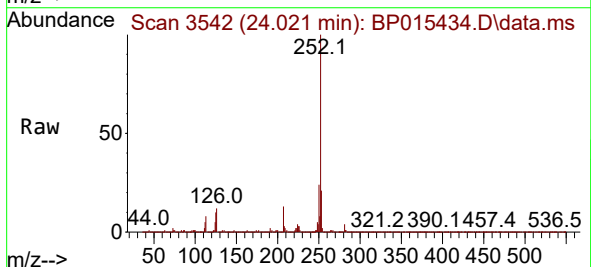
Tgt Ion:252 Resp: 1227886

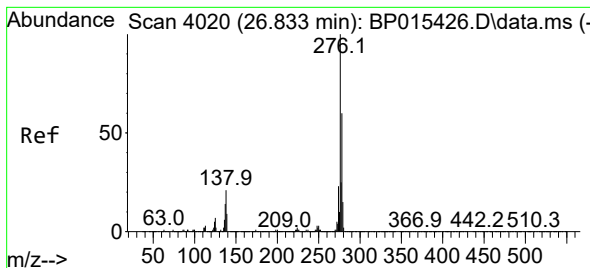
Ion Ratio Lower Upper

252 100

253 21.2 17.8 26.6

125 10.0 8.1 12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 19.174 ng/ul

RT: 26.827 min Scan# 4019

Delta R.T. -0.018 min

Lab File: BP015434.D

Acq: 08 Jun 2023 14:22

Instrument :

BNA_P

ClientSampleId :

H0FN8MS

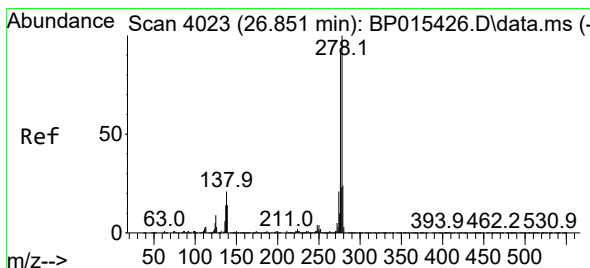
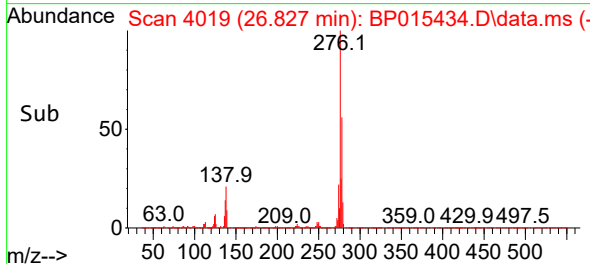
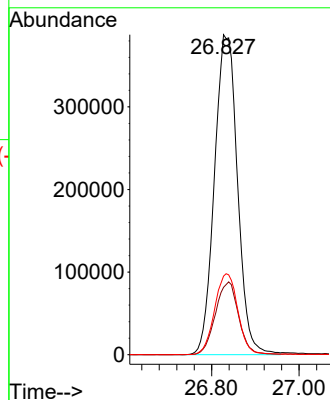
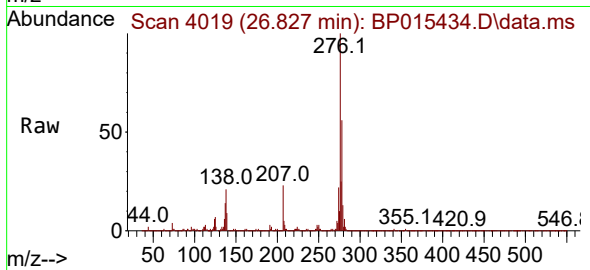
Tgt Ion:276 Resp: 1418612

Ion Ratio Lower Upper

276 100

138 21.1 17.3 25.9

277 24.6 20.2 30.2



#95

Dibenzo(a,h)anthracene

Concen: 19.616 ng/ul

RT: 26.845 min Scan# 4022

Delta R.T. -0.018 min

Lab File: BP015434.D

Acq: 08 Jun 2023 14:22

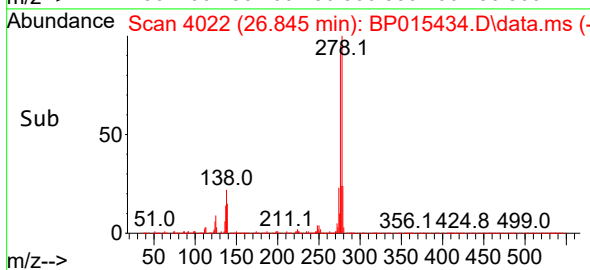
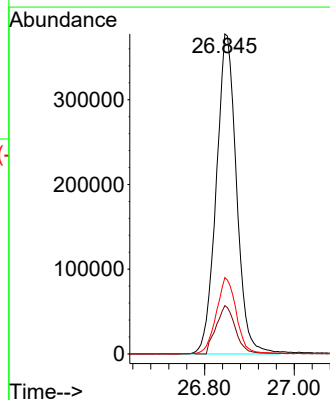
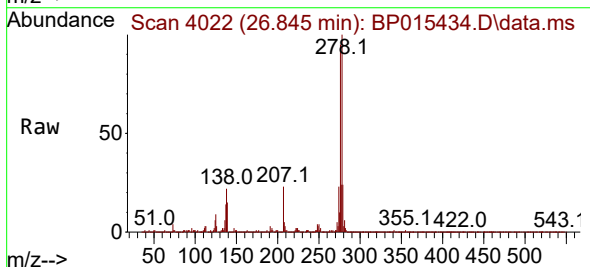
Tgt Ion:278 Resp: 1182442

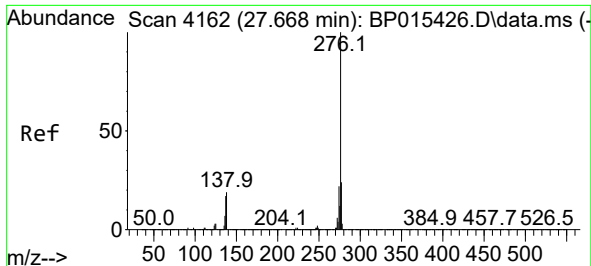
Ion Ratio Lower Upper

278 100

139 15.1 11.4 17.0

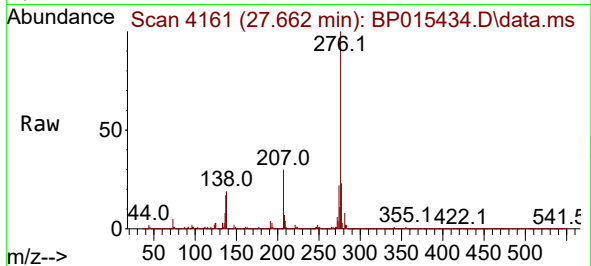
279 23.9 18.7 28.1





#96
Benzo(g,h,i)perylene
Concen: 17.504 ng/ul
RT: 27.662 min Scan# 4161
Delta R.T. -0.023 min
Lab File: BP015434.D
Acq: 08 Jun 2023 14:22

Instrument :
BNA_P
ClientSampleId :
H0FN8MS



Tgt Ion:276 Resp: 1067304
Ion Ratio Lower Upper
276 100
138 19.2 15.6 23.4
277 23.3 19.0 28.6

