

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
 Data File : BP016151.D
 Acq On : 10 Jul 2023 10:44
 Operator : MA/JU
 Sample : 03356-11MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YBW38MSD

Quant Time: Jul 10 22:22:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 22:19:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	235527	20.000	ng/u1	0.00
20) Naphthalene-d8	10.828	136	972060	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.657	164	584013	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.428	188	1231652	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	1014388	20.000	ng/u1	-0.02
88) Perylene-d12	24.074	264	1010409	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	40386	6.169	ng/uL	0.00
4) Pyridine-d5	3.793	84	474920	28.780	ng/u1	0.00
7) Phenol-d5	7.193	99	760100	37.718	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.334	67	478346	38.367	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.540	132	583382	38.350	ng/u1	0.00
15) 4-Methylphenol-d8	8.746	113	596479	37.468	ng/u1	-0.01
21) Nitrobenzene-d5	9.199	128	283932	38.220	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.922	143	327186	37.736	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.487	165	601395	38.924	ng/u1	-0.02
31) 4-Chloroaniline-d4	11.004	131	726762	36.617	ng/u1	-0.02
46) Dimethylphthalate-d6	14.069	166	1763388	39.065	ng/u1	-0.01
49) Acenaphthylene-d8	14.357	160	2010121	39.614	ng/u1	0.00
54) 4-Nitrophenol-d4	14.981	143	364160	61.133	ng/u1	-0.01
60) Fluorene-d10	15.657	176	1485221	39.960	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.839	200	227786	30.073	ng/u1	-0.02
73) Anthracene-d10	17.528	188	2225407	39.556	ng/u1	-0.01
81) Pyrene-d10	19.763	212	2502949	37.788	ng/u1	-0.02
92) Benzo(a)pyrene-d12	23.898	264	2115851	41.512	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	97865	13.892	ng/uL	98
5) Pyridine	3.811	79	581890	33.707	ng/u1	99
6) Benzaldehyde	7.163	77	431539	52.966	ng/u1	96
8) Phenol	7.222	94	806665	38.574	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.428	93	657649	39.526	ng/u1	99
12) 2-Chlorophenol	7.575	128	620166	38.373	ng/u1	99
13) 2-Methylphenol	8.475	108	616301	39.033	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.546	45	984207	43.308	ng/u1	99
16) Acetophenone	8.857	105	996528	38.079	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.828	70	540752	37.204	ng/u1	97
18) 4-Methylphenol	8.816	108	655220	38.623	ng/u1	99
19) Hexachloroethane	9.075	117	275315	36.884	ng/u1	98
22) Nitrobenzene	9.240	77	797067	38.207	ng/u1	97
23) Isophorone	9.763	82	1507577	37.763	ng/u1	98
25) 2-Nitrophenol	9.957	139	359482	39.067	ng/u1	91
26) 2,4-Dimethylphenol	10.016	107	742943	36.728	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.240	93	920551	40.847	ng/u1	98
29) 2,4-Dichlorophenol	10.510	162	614134	39.981	ng/u1	98
30) Naphthalene	10.881	128	2039189	38.589	ng/u1	99
32) 4-Chloroaniline	11.028	127	685853	33.260	ng/u1	97
33) Hexachlorobutadiene	11.134	225	433140	37.339	ng/u1	99
34) Caprolactam	11.845	113	184797	39.330	ng/u1	94
35) 4-Chloro-3-methylphenol	12.163	107	662725	36.858	ng/u1	96
36) 2-Methylnaphthalene	12.492	142	1350420	38.820	ng/u1	97

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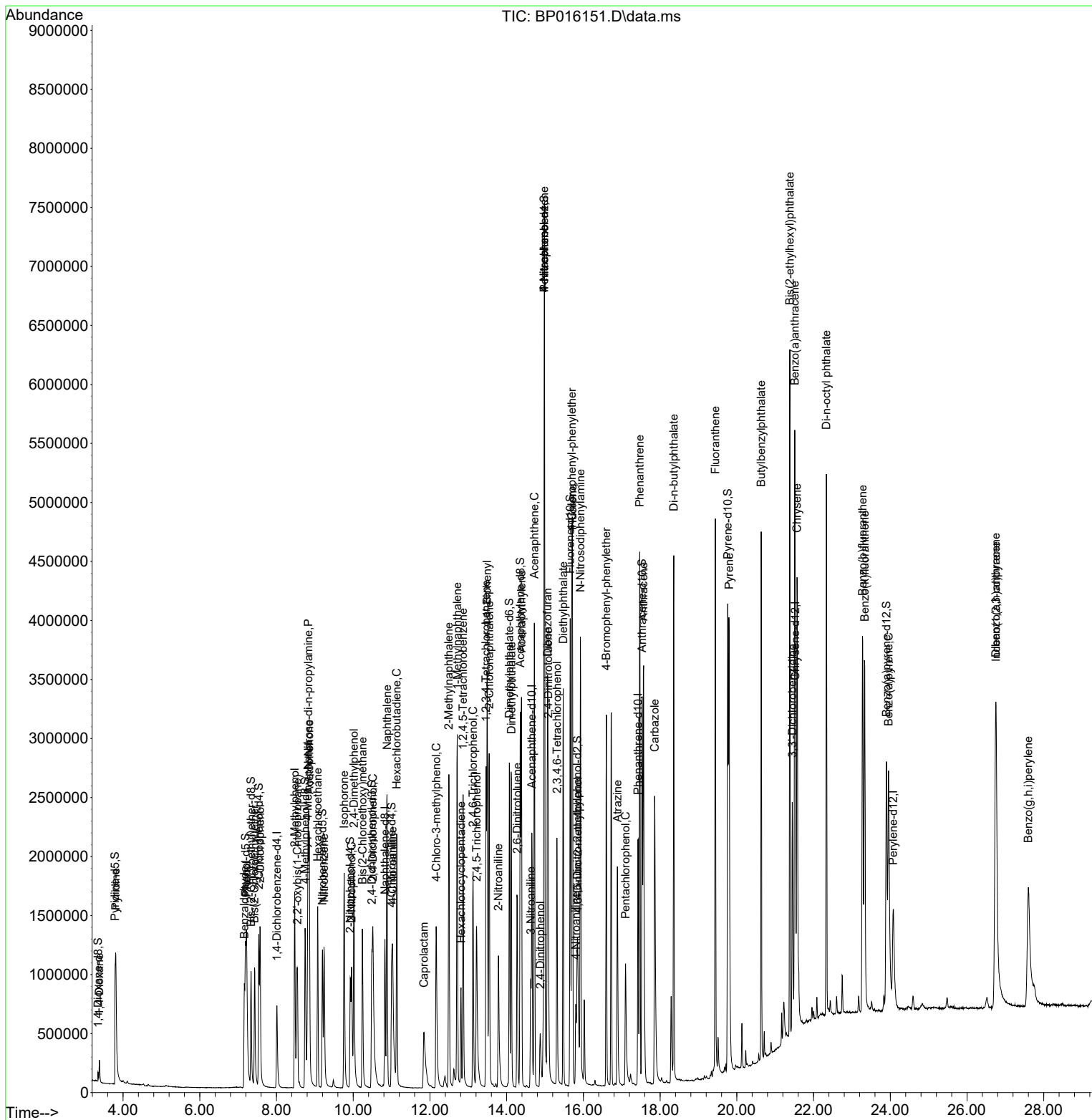
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 ClientSampleId :
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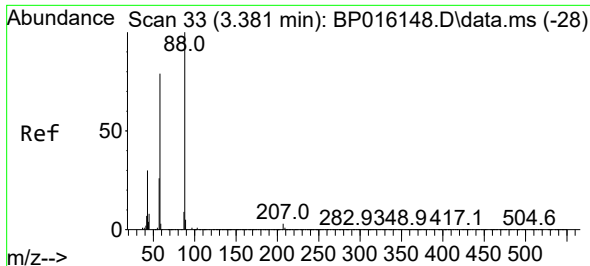
Quant Time: Jul 10 22:22:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.710	142	1360071	38.326	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.863	216	796891	41.407	ng/ul	98
40) Hexachlorocyclopentadiene	12.810	237	218388	37.931	ng/ul	98
41) 2,4,6-Trichlorophenol	13.122	196	487623	40.092	ng/ul	97
42) 2,4,5-Trichlorophenol	13.216	196	522544	40.505	ng/ul	98
43) 1,1'-Biphenyl	13.492	154	1841483	39.809	ng/ul	98
44) 2-Chloronaphthalene	13.545	162	1448059	39.738	ng/ul	97
45) 2-Nitroaniline	13.787	65	447479	39.026	ng/ul	91
47) Dimethylphthalate	14.122	163	1825282	39.072	ng/ul	99
48) 2,6-Dinitrotoluene	14.275	165	377674	39.856	ng/ul	95
50) Acenaphthylene	14.387	152	2207381	39.480	ng/ul	99
51) 3-Nitroaniline	14.628	138	328215	44.168	ng/ul	98
52) Acenaphthene	14.722	153	1529975	39.461	ng/ul	99
53) 2,4-Dinitrophenol	14.875	184	155637	30.957	ng/ul	83
55) 4-Nitrophenol	14.981	109	227294	36.821	ng/ul#	46
56) Dibenzofuran	15.063	168	2135182	39.671	ng/ul	96
57) 2,4-Dinitrotoluene	15.081	165	520686	40.322	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.310	232	444024	40.071	ng/ul	95
59) Diethylphthalate	15.475	149	1835592	38.829	ng/ul	97
61) Fluorene	15.716	166	1713337	39.246	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.698	204	889902	39.838	ng/ul	93
63) 4-Nitroaniline	15.804	138	281283	55.306	ng/ul	85
66) 4,6-Dinitro-2-methylph...	15.857	198	280520	36.603	ng/ul	97
67) N-Nitrosodiphenylamine	15.922	169	1428014	38.729	ng/ul	99
68) 4-Bromophenyl-phenylether	16.598	248	576861	41.015	ng/ul#	87
70) Atrazine	16.886	200	411367	29.146	ng/ul	98
71) Pentachlorophenol	17.098	266	276602	34.727	ng/ul	95
72) Phenanthrene	17.469	178	2652362	39.641	ng/ul	99
74) Anthracene	17.569	178	2648713	39.396	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.463	216	809852	40.409	ng/uL	99
76) Pentachlorobenzene	14.981	250	1864154	92.161	ng/uL	99
77) Carbazole	17.857	167	2273707	40.124	ng/ul	99
78) Di-n-butylphthalate	18.357	149	3158342	42.041	ng/ul	99
80) Fluoranthene	19.439	202	3026471	36.765	ng/ul	98
82) Pyrene	19.798	202	3089453	36.791	ng/ul	95
83) Butylbenzylphthalate	20.633	149	1309908	38.236	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.445	252	866355	37.781	ng/ul	100
85) Benzo(a)anthracene	21.510	228	2701906	37.864	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.380	149	1873702	39.797	ng/ul	99
87) Chrysene	21.568	228	2756763	40.720	ng/ul	99
89) Di-n-octyl phthalate	22.333	149	2873017	38.908	ng/ul	100
90) Benzo(b)fluoranthene	23.280	252	2609139	40.188	ng/ul	99
91) Benzo(k)fluoranthene	23.333	252	2655122	40.477	ng/ul	98
93) Benzo(a)pyrene	23.957	252	2278911	40.172	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.756	276	2857760	37.108	ng/ul	97
95) Dibenzo(a,h)anthracene	26.751	278	2340169	36.996	ng/ul	97
96) Benzo(g,h,i)perylene	27.598	276	2316538	36.564	ng/ul	98

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

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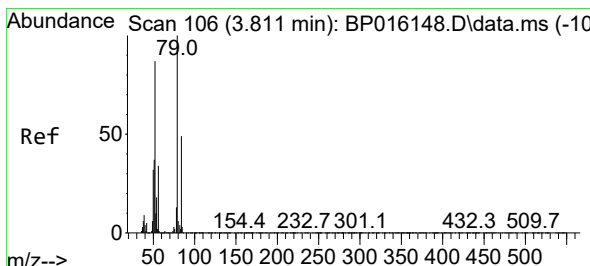
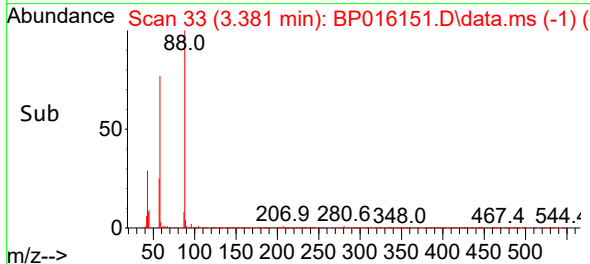
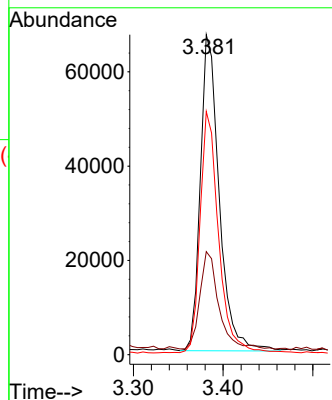
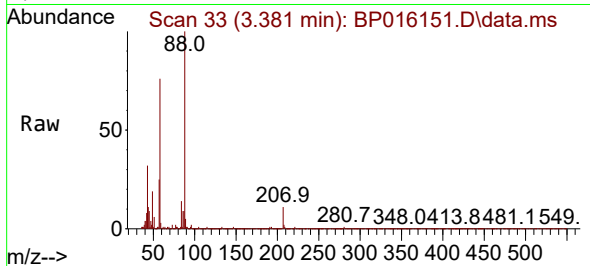




#2
1,4-Dioxane
Concen: 13.892 ng/uL
RT: 3.381 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP016151.D
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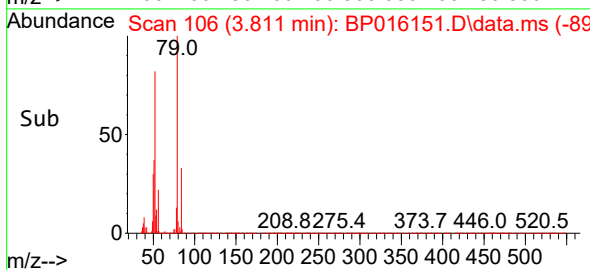
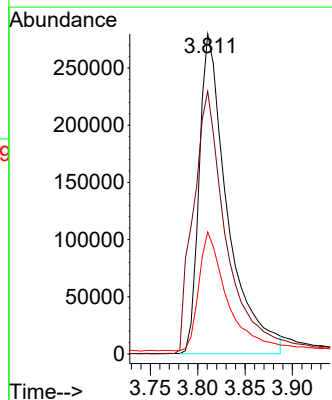
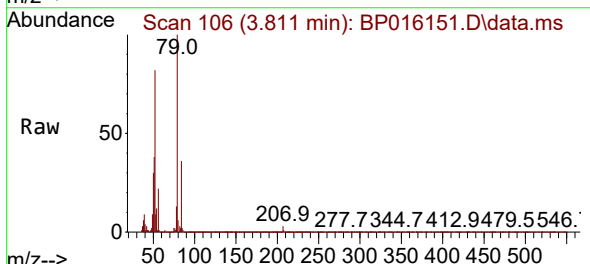
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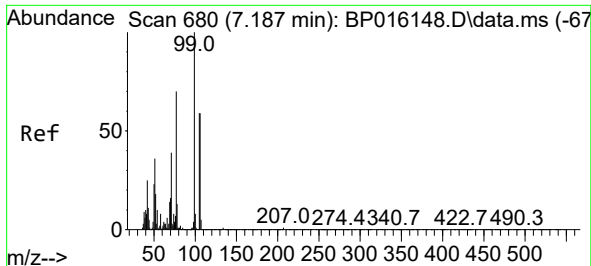
Tgt Ion:	88	Resp:	97865
Ion	Ratio	Lower	Upper
88	100		
43	32.2	27.4	41.2
58	76.0	59.8	89.8



#5
Pyridine
Concen: 33.707 ng/uL
RT: 3.811 min Scan# 106
Delta R.T. -0.000 min
Lab File: BP016151.D
Acq: 10 Jul 2023 10:44

Tgt Ion:	79	Resp:	581890
Ion	Ratio	Lower	Upper
79	100		
52	82.1	65.5	98.3
51	38.2	31.8	47.8

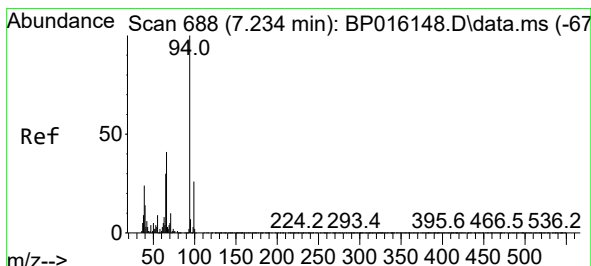
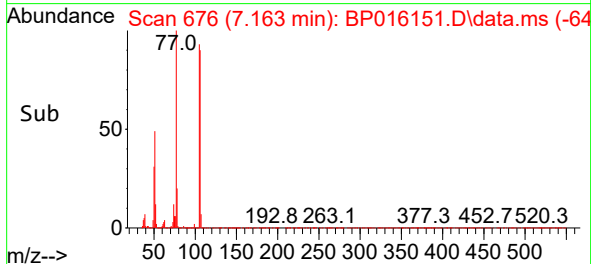
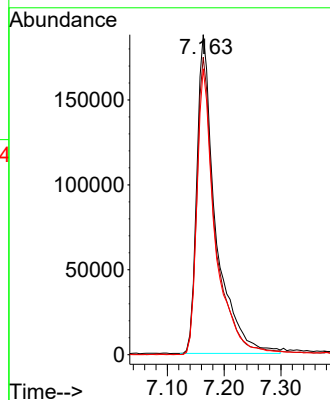
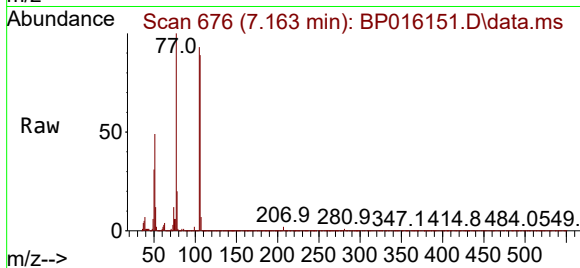




#6
Benzaldehyde
Concen: 52.966 ng/ul
RT: 7.163 min Scan# 61
Delta R.T. -0.024 min
Lab File: BP016151.D
Acq: 10 Jul 2023 10:44

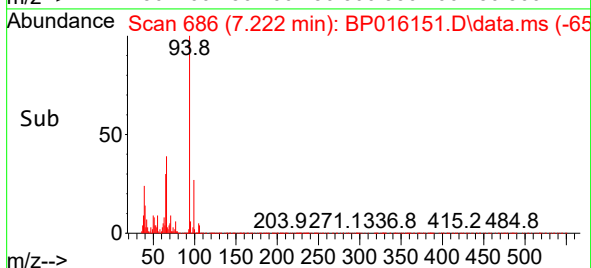
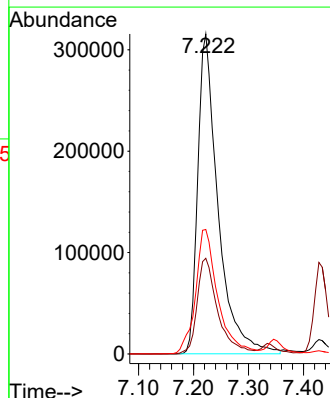
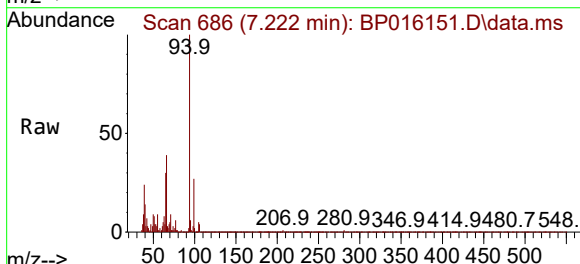
Instrument :
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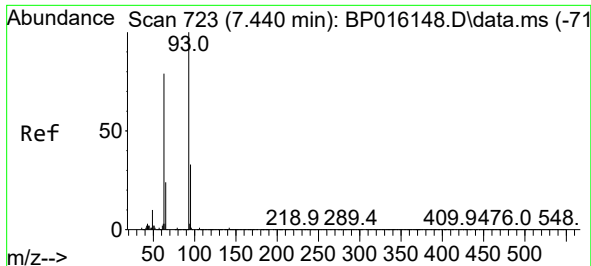
Tgt Ion: 77 Resp: 431539
Ion Ratio Lower Upper
77 100
105 93.0 73.4 110.0
106 89.3 66.6 100.0



#8
Phenol
Concen: 38.574 ng/ul
RT: 7.222 min Scan# 686
Delta R.T. -0.012 min
Lab File: BP016151.D
Acq: 10 Jul 2023 10:44

Tgt Ion: 94 Resp: 806665
Ion Ratio Lower Upper
94 100
65 29.9 26.4 39.6
66 38.9 37.3 55.9

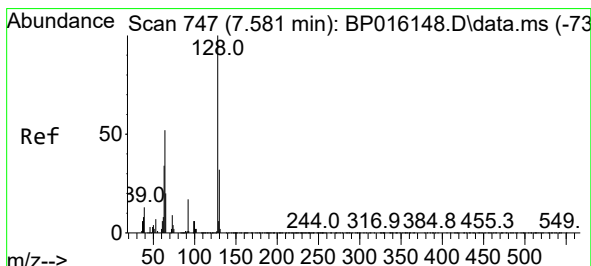
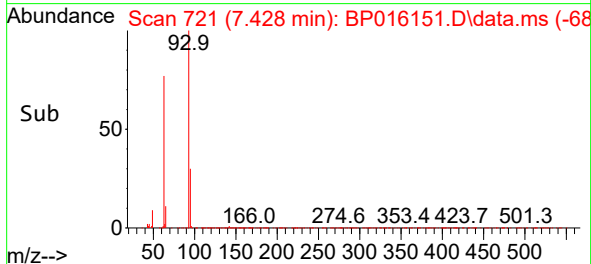
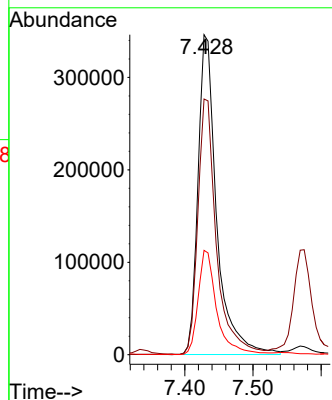
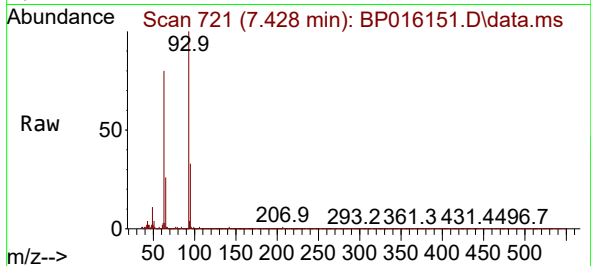




#10
Bis(2-Chloroethyl)ether
Concen: 39.526 ng/ul
RT: 7.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP016151.D
Acq: 10 Jul 2023 10:44

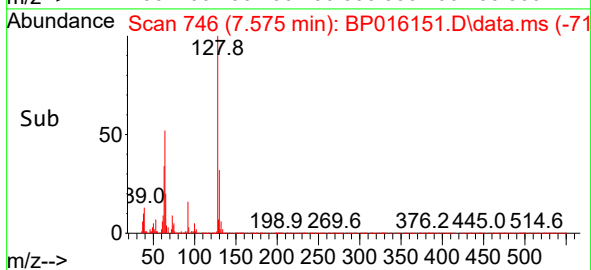
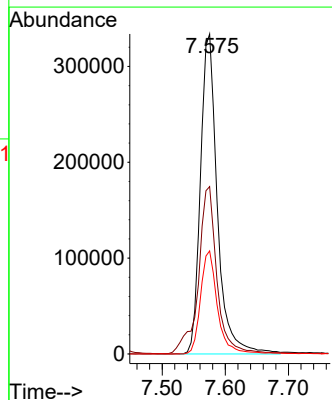
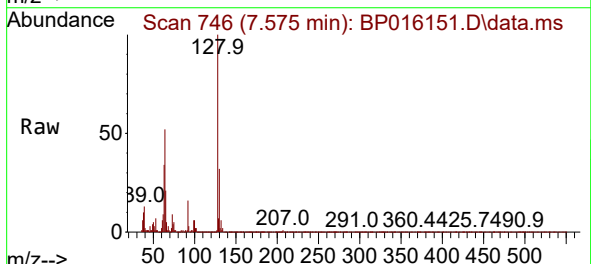
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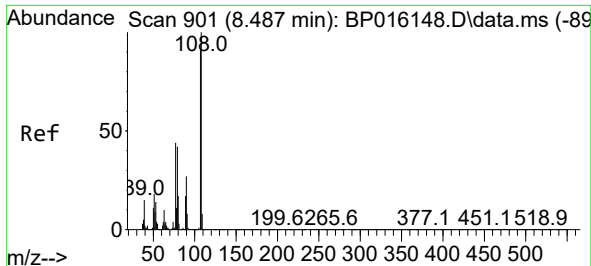
Tgt Ion: 93 Resp: 657649
Ion Ratio Lower Upper
93 100
63 79.9 62.8 94.2
95 32.6 25.6 38.4



#12
2-Chlorophenol
Concen: 38.373 ng/ul
RT: 7.575 min Scan# 746
Delta R.T. -0.006 min
Lab File: BP016151.D
Acq: 10 Jul 2023 10:44

Tgt Ion:128 Resp: 620166
Ion Ratio Lower Upper
128 100
64 52.3 41.2 61.8
130 32.2 26.0 39.0





#13

2-Methylphenol

Concen: 39.033 ng/ul

RT: 8.475 min Scan# 899

Delta R.T. -0.012 min

Lab File: BP016151.D

Acq: 10 Jul 2023 10:44

Instrument :

BNA_P

ClientSampleId :

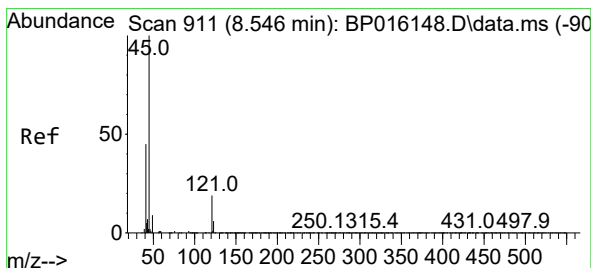
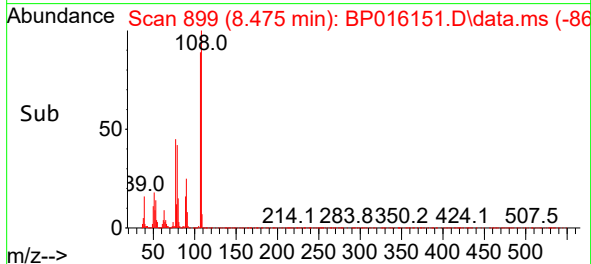
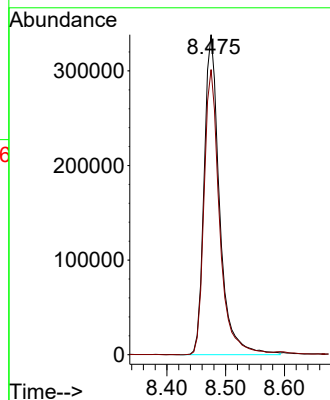
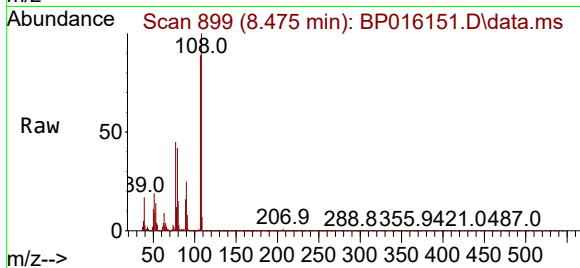
YBW38MSD

Tgt Ion:108 Resp: 616301

Ion Ratio Lower Upper

108 100

107 89.1 73.8 110.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 43.308 ng/ul

RT: 8.546 min Scan# 911

Delta R.T. -0.000 min

Lab File: BP016151.D

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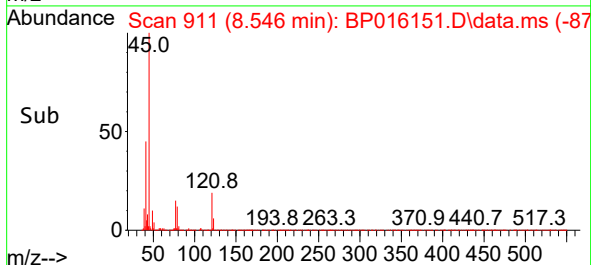
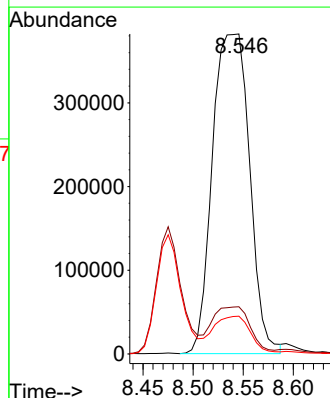
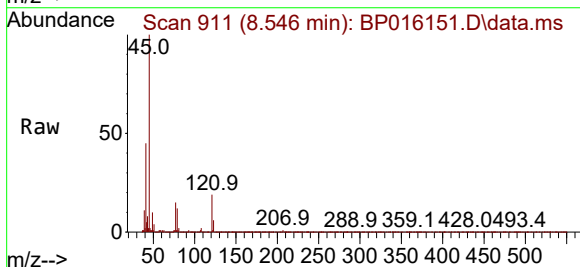
Tgt Ion: 45 Resp: 984207

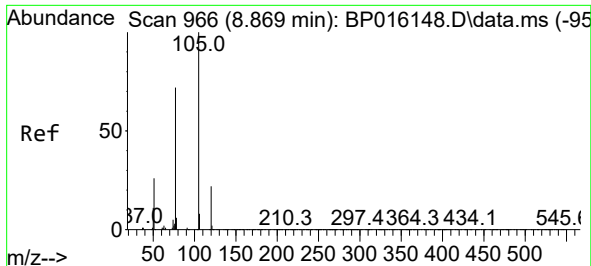
Ion Ratio Lower Upper

45 100

77 14.8 12.4 18.6

79 11.8 9.3 13.9

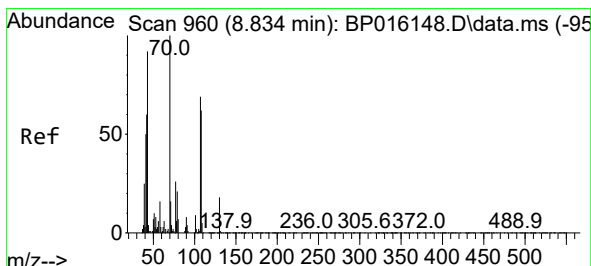
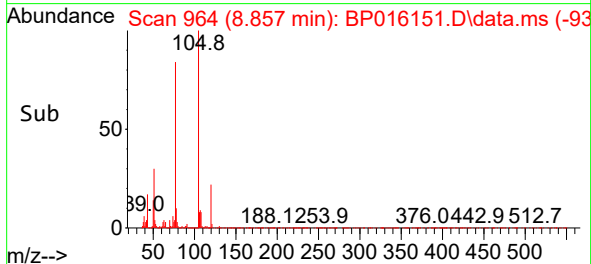
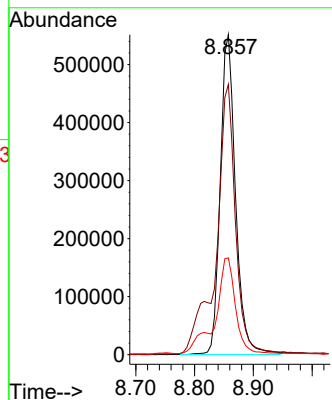
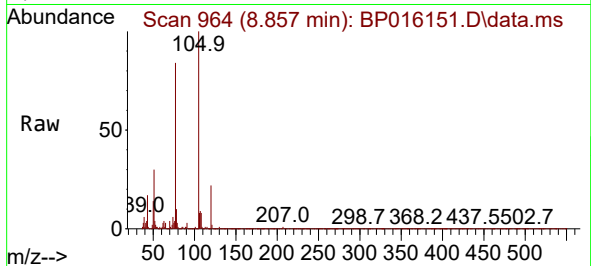




#16
Acetophenone
Concen: 38.079 ng/ul
RT: 8.857 min Scan# 90
Delta R.T. -0.012 min
Lab File: BP016151.D
Acq: 10 Jul 2023 10:44

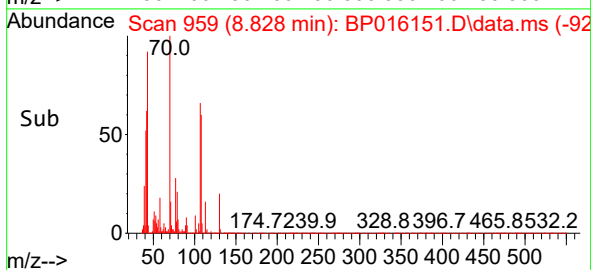
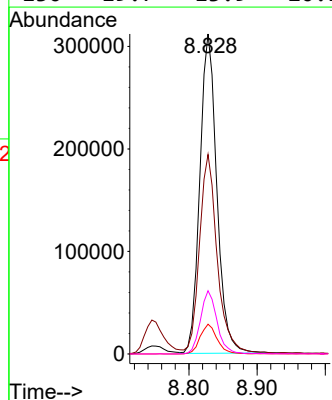
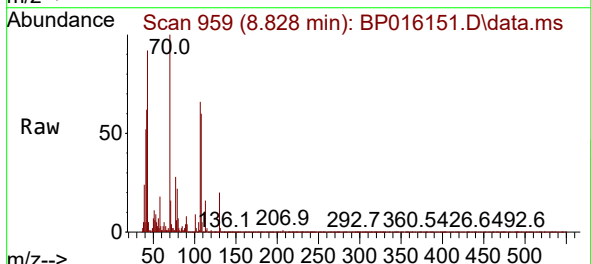
Instrument :
BNA_P
ClientSampleId :
YBW38MSD

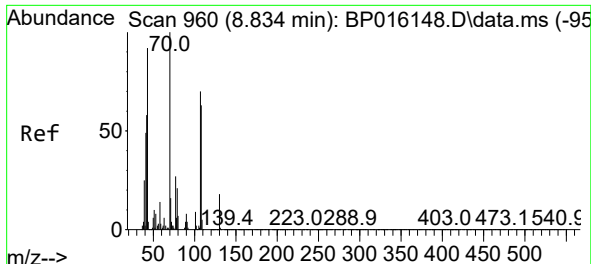
Tgt Ion:105 Resp: 996528
Ion Ratio Lower Upper
105 100
77 84.5 65.0 97.4
51 30.2 25.1 37.7



#17
N-Nitroso-di-n-propylamine
Concen: 37.204 ng/ul
RT: 8.828 min Scan# 959
Delta R.T. -0.006 min
Lab File: BP016151.D
Acq: 10 Jul 2023 10:44

Tgt Ion: 70 Resp: 540752
Ion Ratio Lower Upper
70 100
42 62.4 48.2 72.2
101 9.3 7.6 11.4
130 19.7 13.9 20.9

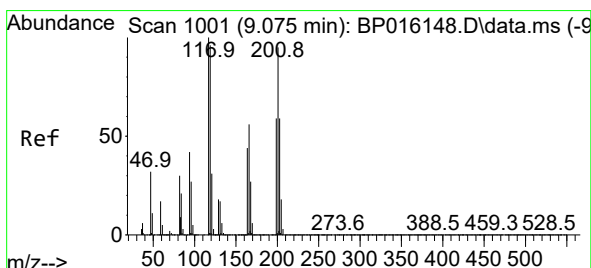
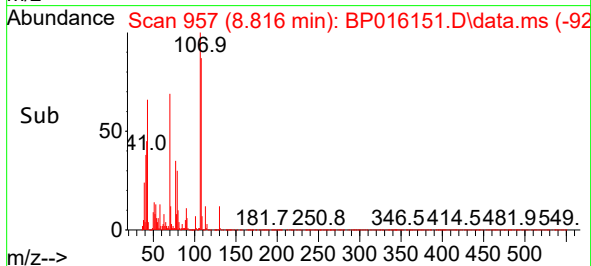
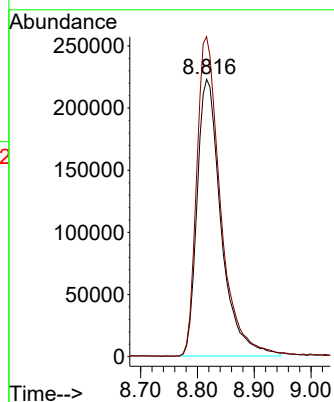
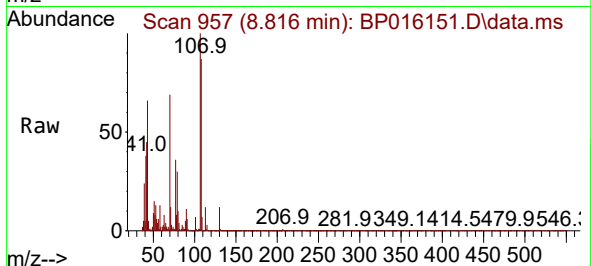




#18
4-Methylphenol
Concen: 38.623 ng/ul
RT: 8.816 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP016151.D
Acq: 10 Jul 2023 10:44

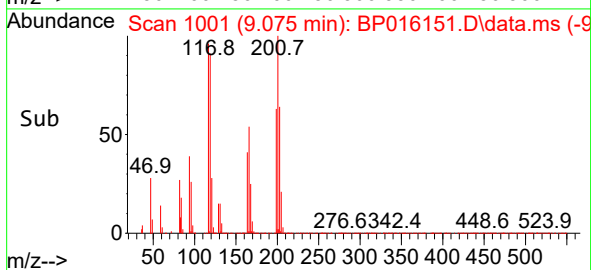
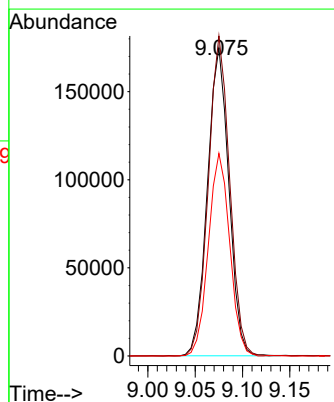
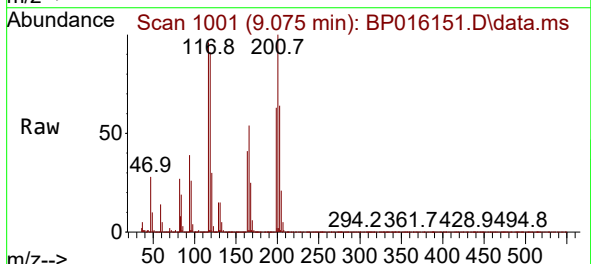
Instrument :
BNA_P
ClientSampleId :
YBW38MSD

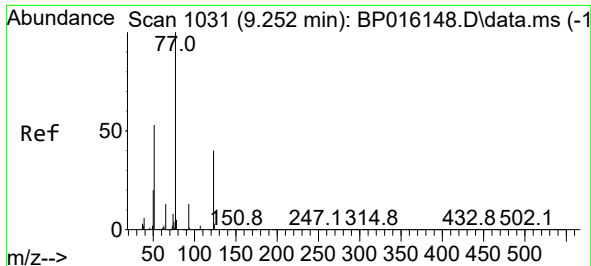
Tgt Ion:108 Resp: 655220
Ion Ratio Lower Upper
108 100
107 115.4 91.3 136.9



#19
Hexachloroethane
Concen: 36.884 ng/ul
RT: 9.075 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BP016151.D
Acq: 10 Jul 2023 10:44

Tgt Ion:117 Resp: 275315
Ion Ratio Lower Upper
117 100
201 106.0 84.2 126.2
199 67.3 51.8 77.8

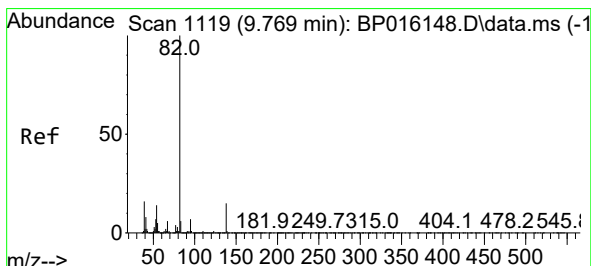
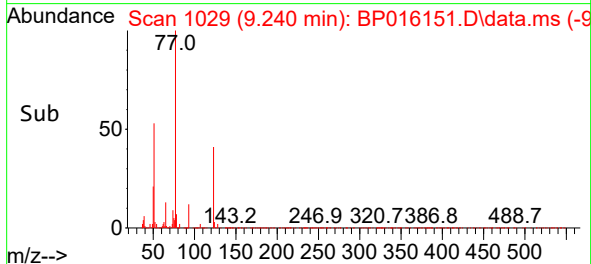
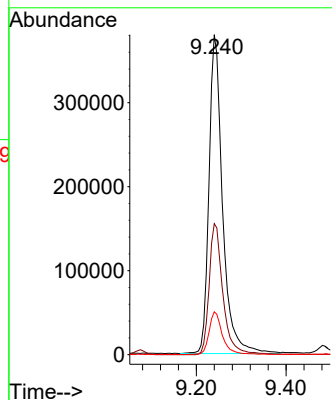
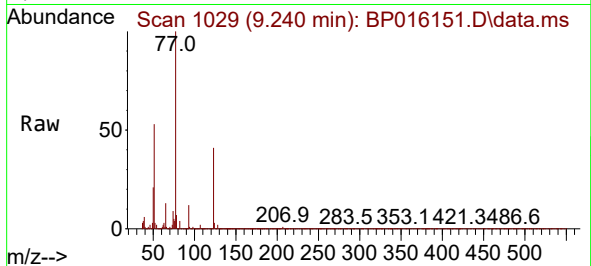




#22
Nitrobenzene
Concen: 38.207 ng/ul
RT: 9.240 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BP016151.D
Acq: 10 Jul 2023 10:44

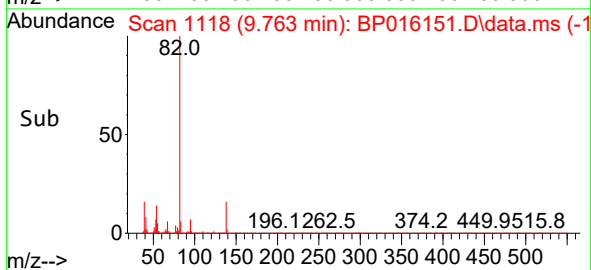
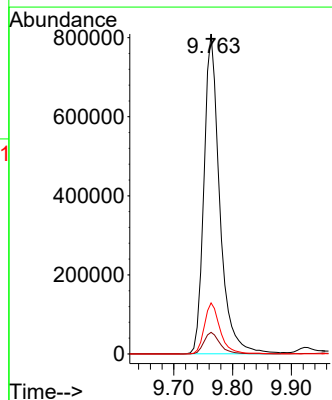
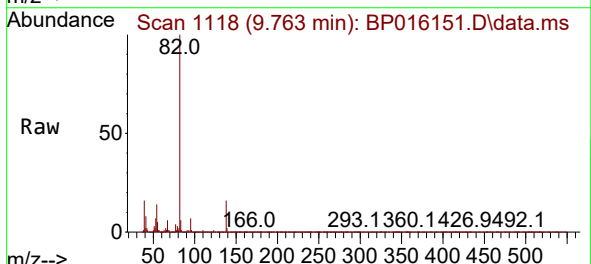
Instrument :
BNA_P
ClientSampleId :
YBW38MSD

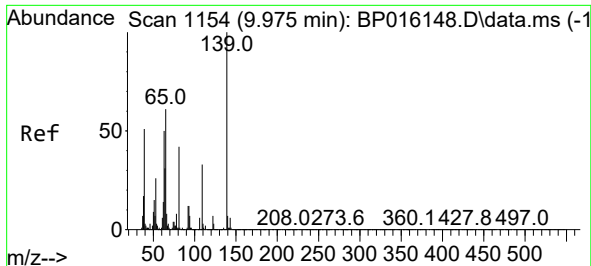
Tgt Ion: 77 Resp: 797067
Ion Ratio Lower Upper
77 100
123 41.0 31.0 46.4
65 13.4 11.3 16.9



#23
Isophorone
Concen: 37.763 ng/ul
RT: 9.763 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BP016151.D
Acq: 10 Jul 2023 10:44

Tgt Ion: 82 Resp: 1507577
Ion Ratio Lower Upper
82 100
95 6.8 6.3 9.5
138 16.0 12.3 18.5

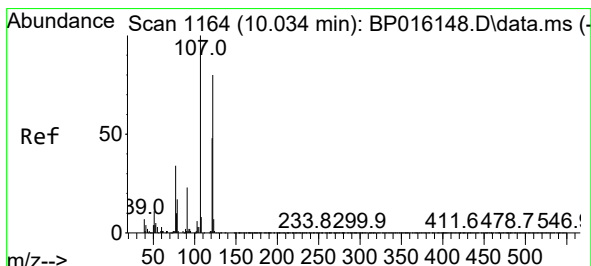
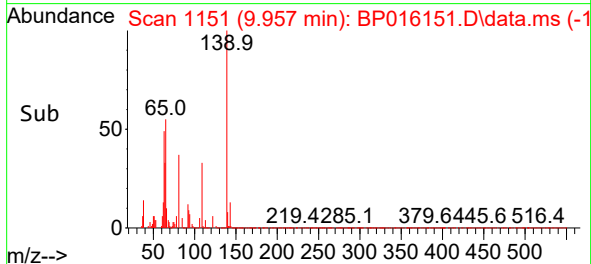
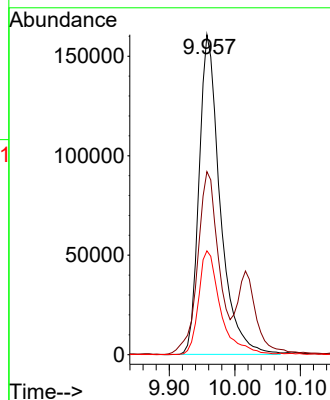
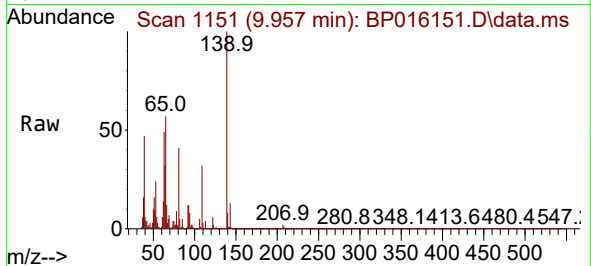




#25
2-Nitrophenol
Concen: 39.067 ng/ul
RT: 9.957 min Scan# 1154
Delta R.T. -0.018 min
Lab File: BP016151.D
Acq: 10 Jul 2023 10:44

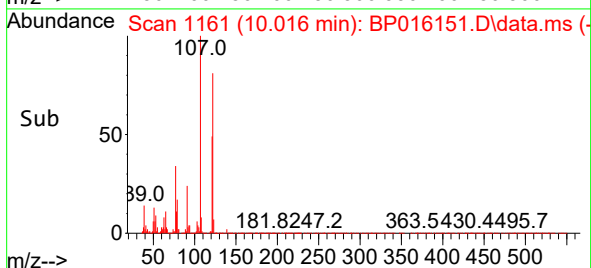
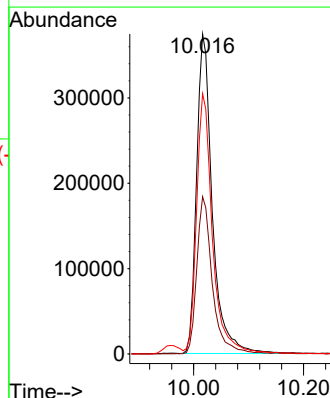
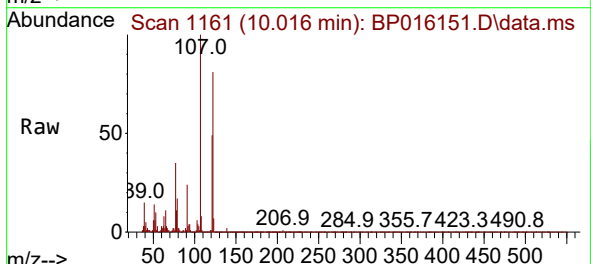
Instrument :
BNA_P
ClientSampleId :
YBW38MSD

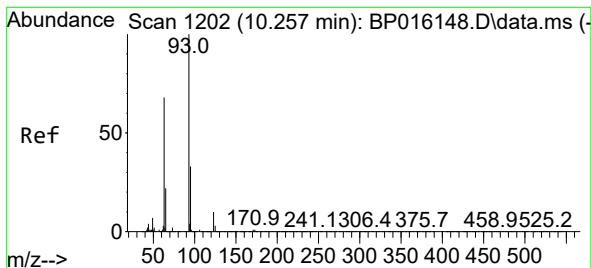
Tgt Ion:139 Resp: 359482
Ion Ratio Lower Upper
139 100
65 57.2 50.2 75.2
109 32.4 31.3 46.9



#26
2,4-Dimethylphenol
Concen: 36.728 ng/ul
RT: 10.016 min Scan# 1161
Delta R.T. -0.018 min
Lab File: BP016151.D
Acq: 10 Jul 2023 10:44

Tgt Ion:107 Resp: 742943
Ion Ratio Lower Upper
107 100
121 49.2 38.2 57.2
122 81.4 62.1 93.1

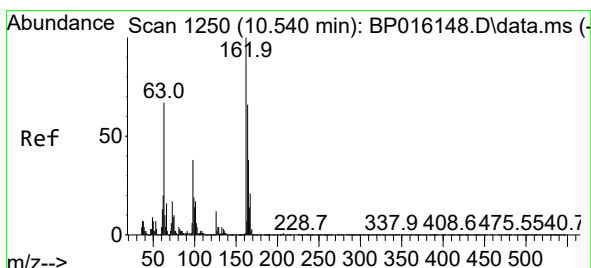
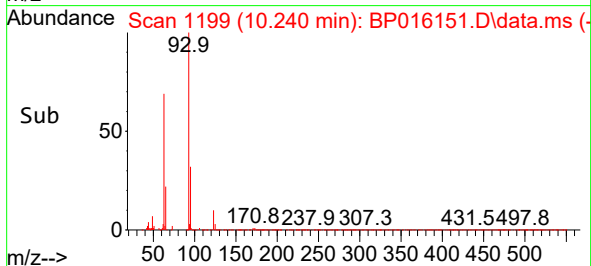
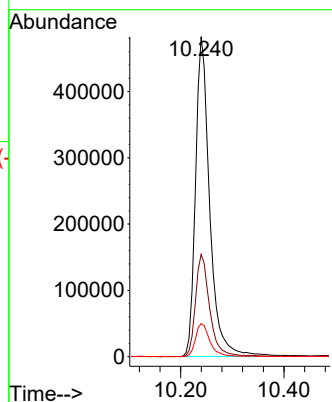
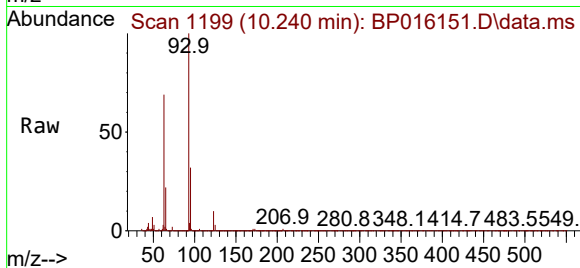




#27
 Bis(2-Chloroethoxy)methane
 Concen: 40.847 ng/ul
 RT: 10.240 min Scan# 1199
 Delta R.T. -0.018 min
 Lab File: BP016151.D
 Acq: 10 Jul 2023 10:44

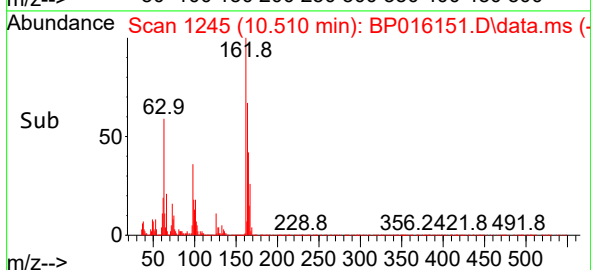
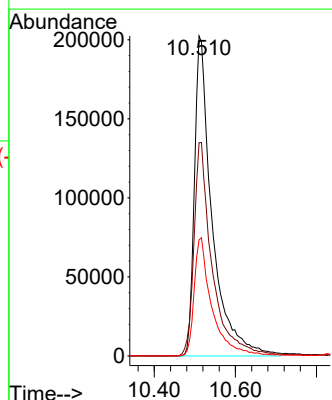
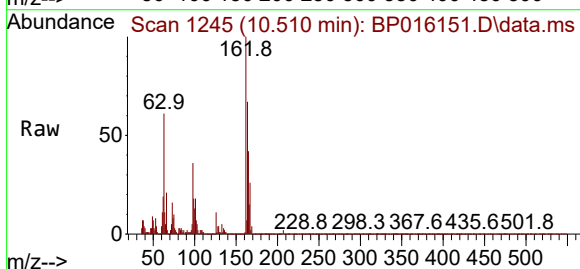
Instrument :
 BNA_P
 ClientSampleId :
 YBW38MSD

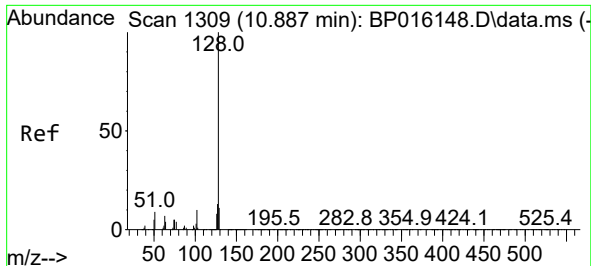
Tgt Ion: 93 Resp: 920551
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.6 39.8
 123 10.3 8.6 13.0



#29
 2,4-Dichlorophenol
 Concen: 39.981 ng/ul
 RT: 10.510 min Scan# 1245
 Delta R.T. -0.029 min
 Lab File: BP016151.D
 Acq: 10 Jul 2023 10:44

Tgt Ion: 162 Resp: 614134
 Ion Ratio Lower Upper
 162 100
 164 66.6 53.0 79.6
 98 36.3 31.3 46.9

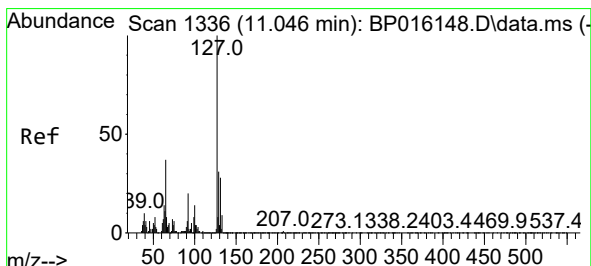
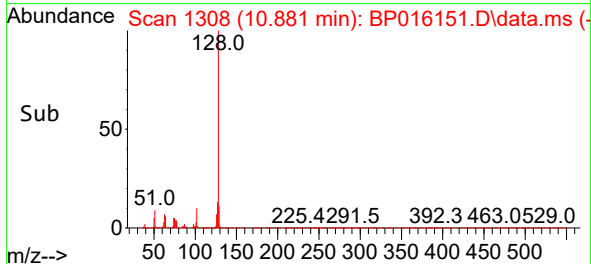
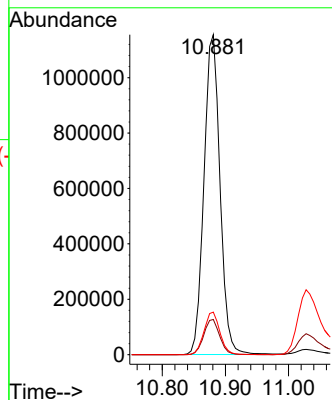
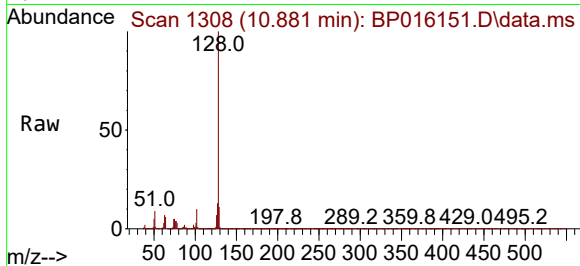




#30
Naphthalene
Concen: 38.589 ng/ul
RT: 10.881 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP016151.D
Acq: 10 Jul 2023 10:44

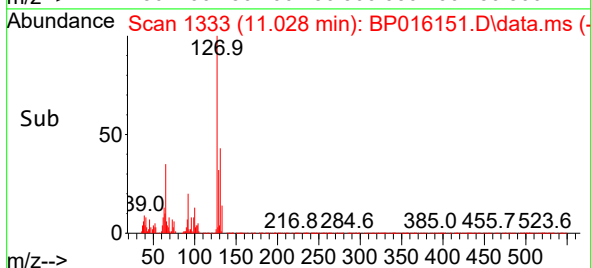
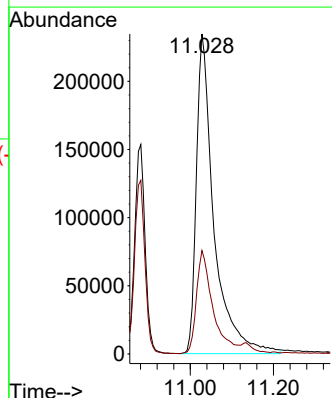
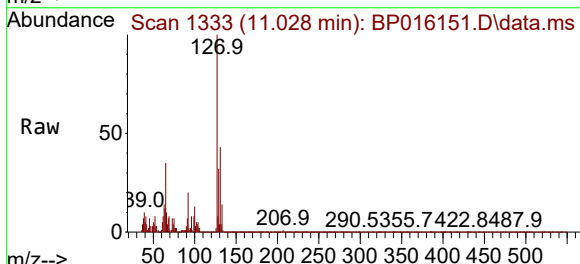
Instrument :
BNA_P
ClientSampleId :
YBW38MSD

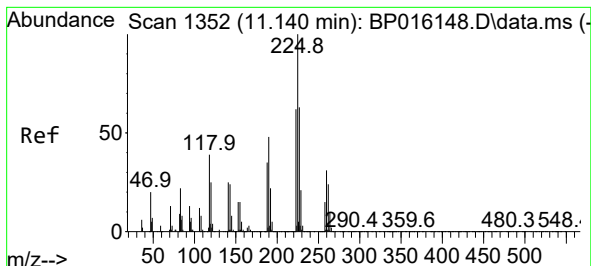
Tgt Ion:128 Resp: 2039189
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.3 10.3 15.5



#32
4-Chloroaniline
Concen: 33.260 ng/ul
RT: 11.028 min Scan# 1333
Delta R.T. -0.018 min
Lab File: BP016151.D
Acq: 10 Jul 2023 10:44

Tgt Ion:127 Resp: 685853
Ion Ratio Lower Upper
127 100
129 32.3 24.7 37.1





#33

Hexachlorobutadiene

Concen: 37.339 ng/ul

RT: 11.134 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP016151.D

Acq: 10 Jul 2023 10:44

Instrument :

BNA_P

ClientSampleId :

YBW38MSD

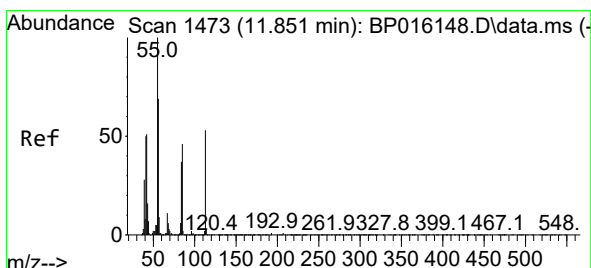
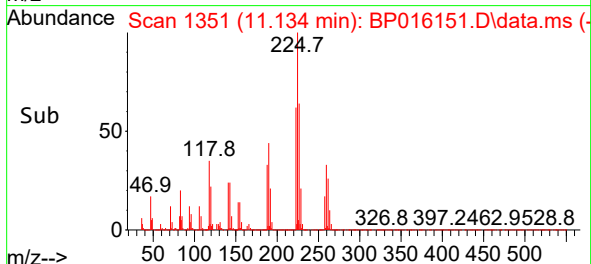
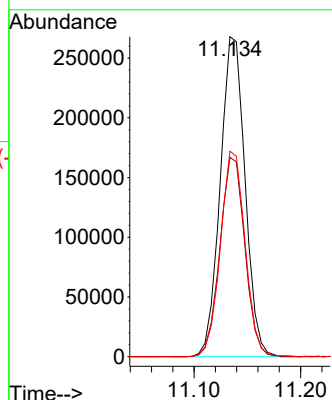
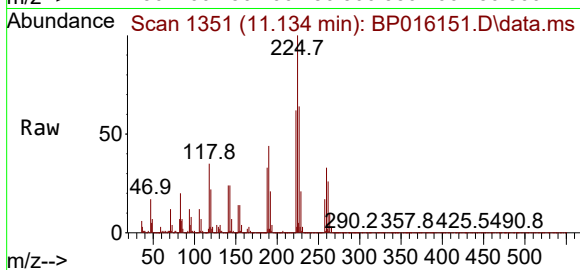
Tgt Ion:225 Resp: 433140

Ion Ratio Lower Upper

225 100

223 62.6 50.4 75.6

227 64.3 51.0 76.4



#34

Caprolactam

Concen: 39.330 ng/ul

RT: 11.845 min Scan# 1472

Delta R.T. -0.006 min

Lab File: BP016151.D

Acq: 10 Jul 2023 10:44

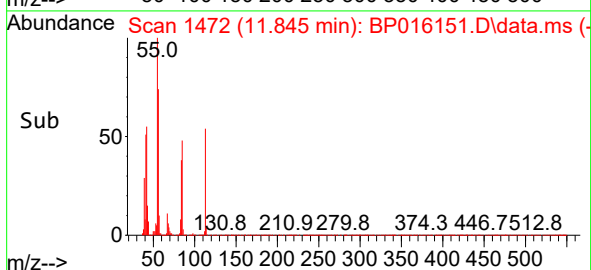
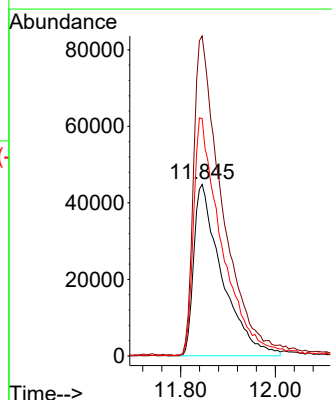
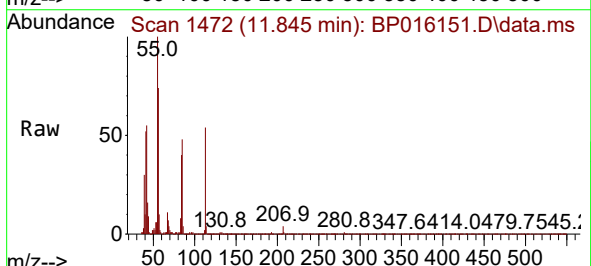
Tgt Ion:113 Resp: 184797

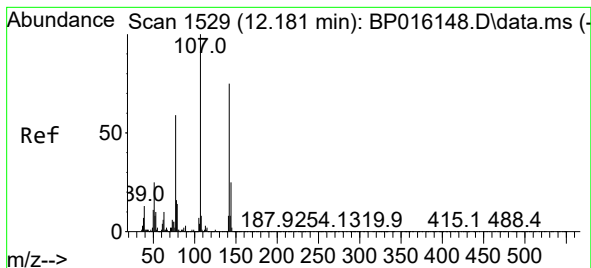
Ion Ratio Lower Upper

113 100

55 186.5 142.8 214.2

56 138.5 116.9 175.3

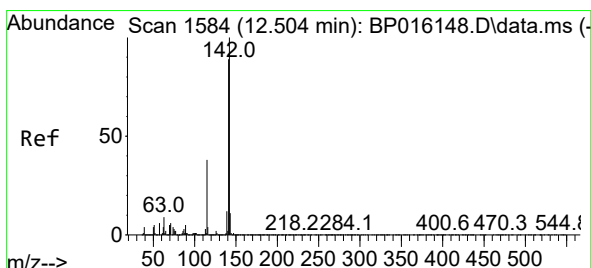
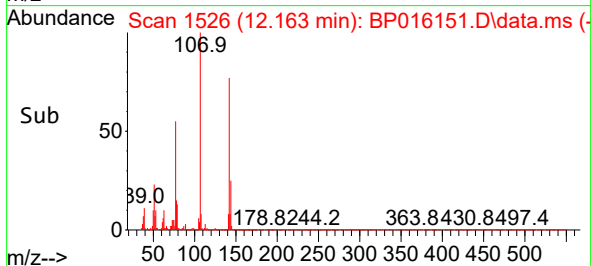
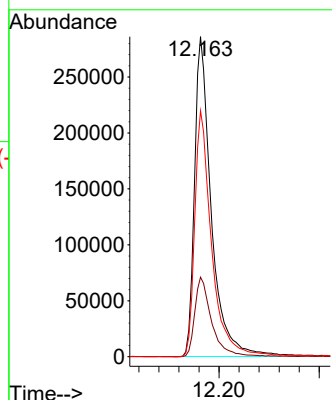
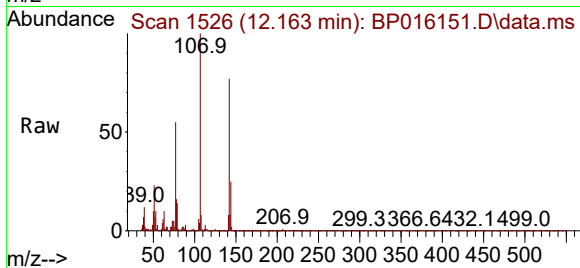




#35
4-Chloro-3-methylphenol
Concen: 36.858 ng/ul
RT: 12.163 min Scan# 1526
Delta R.T. -0.018 min
Lab File: BP016151.D
Acq: 10 Jul 2023 10:44

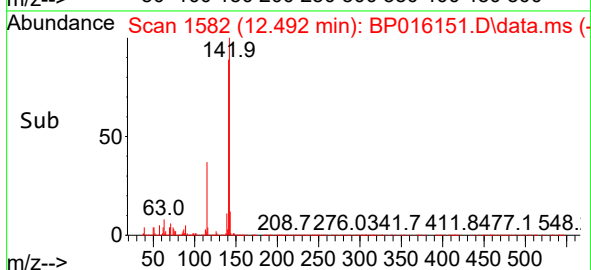
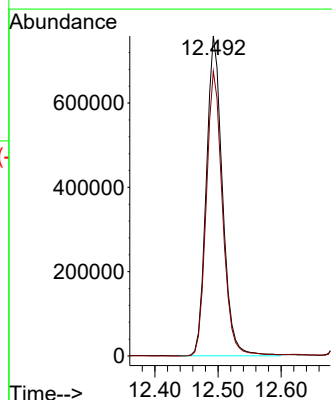
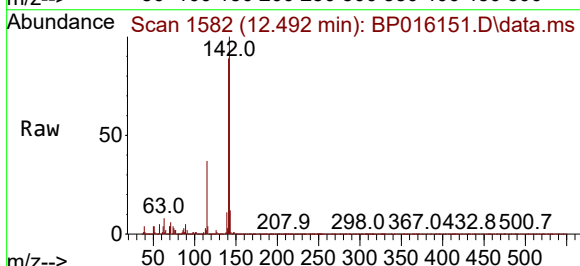
Instrument :
BNA_P
ClientSampleId :
YBW38MSD

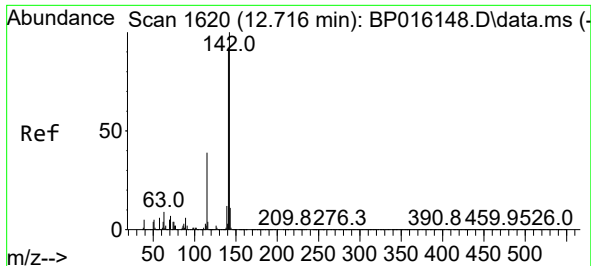
Tgt Ion:107 Resp: 662725
Ion Ratio Lower Upper
107 100
144 24.8 18.4 27.6
142 76.9 58.6 87.8



#36
2-Methylnaphthalene
Concen: 38.820 ng/ul
RT: 12.492 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BP016151.D
Acq: 10 Jul 2023 10:44

Tgt Ion:142 Resp: 1350420
Ion Ratio Lower Upper
142 100
141 89.0 73.2 109.8





#37

1-Methylnaphthalene

Concen: 38.326 ng/ul

RT: 12.710 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP016151.D

Acq: 10 Jul 2023 10:44

Instrument :

BNA_P

ClientSampleId :

YBW38MSD

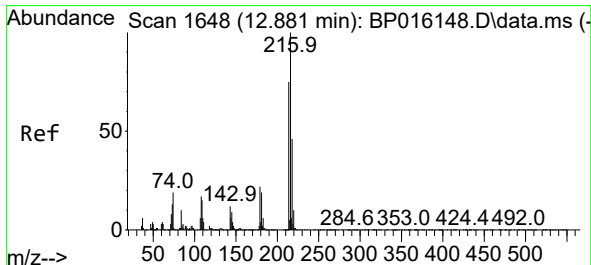
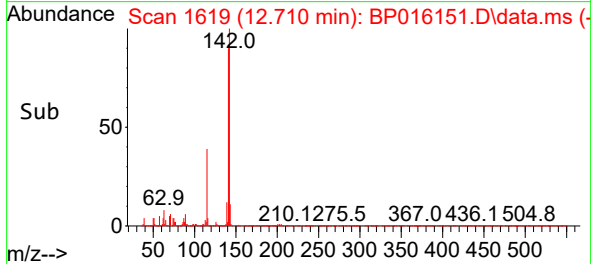
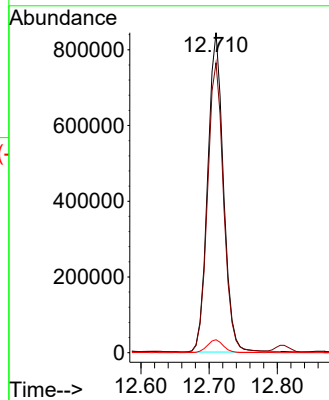
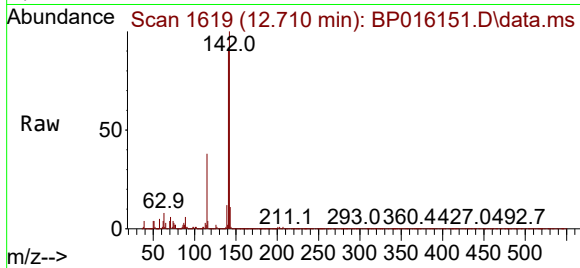
Tgt Ion:142 Resp: 1360071

Ion Ratio Lower Upper

142 100

141 90.6 73.1 109.7

116 4.0 4.0 6.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.407 ng/ul

RT: 12.863 min Scan# 1645

Delta R.T. -0.018 min

Lab File: BP016151.D

Acq: 10 Jul 2023 10:44

Tgt Ion:216 Resp: 796891

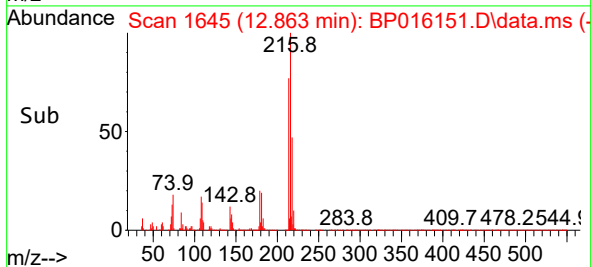
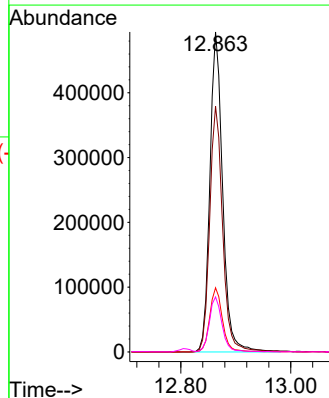
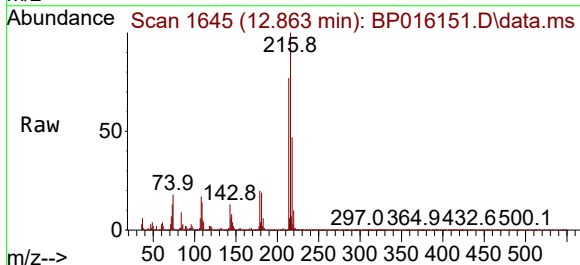
Ion Ratio Lower Upper

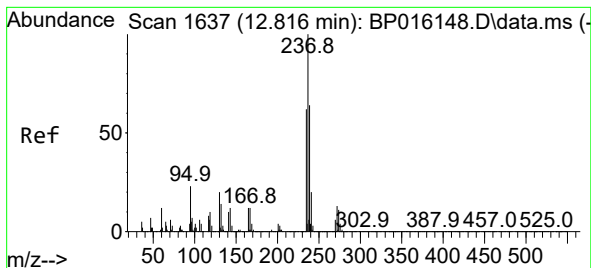
216 100

214 76.8 62.4 93.6

179 20.1 17.6 26.4

108 17.2 15.5 23.3





#40

Hexachlorocyclopentadiene

Concen: 37.931 ng/ul

RT: 12.810 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP016151.D

Acq: 10 Jul 2023 10:44

Instrument :

BNA_P

ClientSampleId :

YBW38MSD

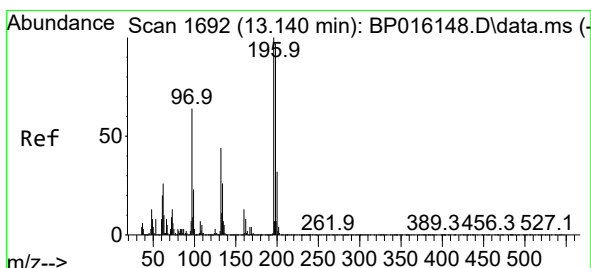
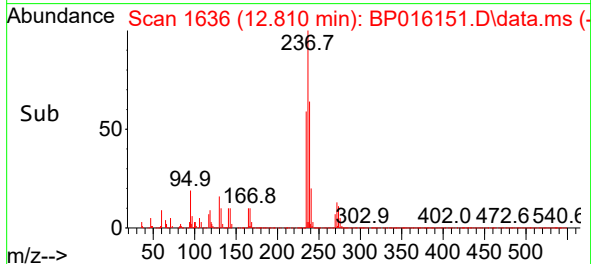
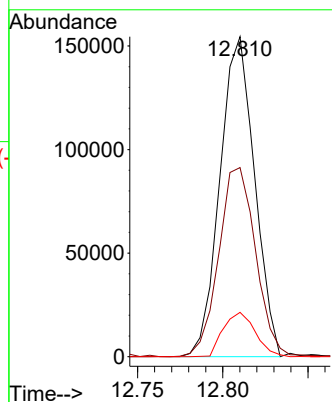
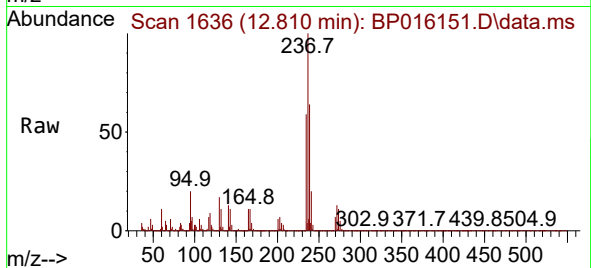
Tgt Ion:237 Resp: 218388

Ion Ratio Lower Upper

237 100

235 59.4 48.6 73.0

272 13.0 10.5 15.7



#41

2,4,6-Trichlorophenol

Concen: 40.092 ng/ul

RT: 13.122 min Scan# 1689

Delta R.T. -0.018 min

Lab File: BP016151.D

Acq: 10 Jul 2023 10:44

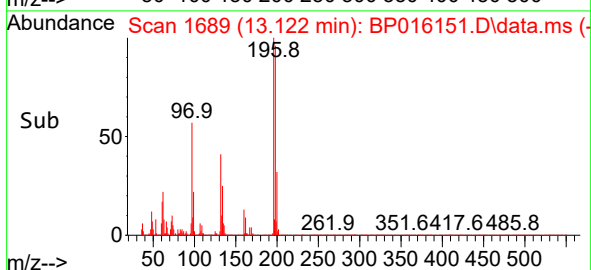
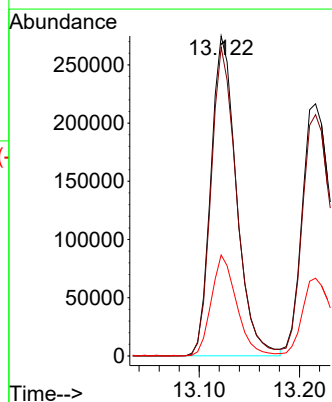
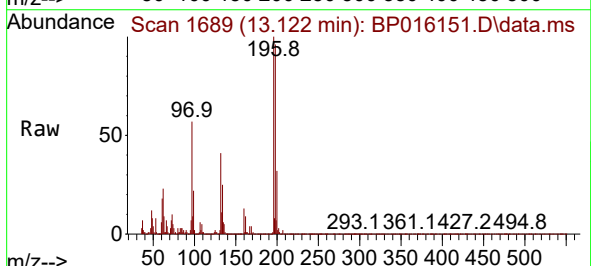
Tgt Ion:196 Resp: 487623

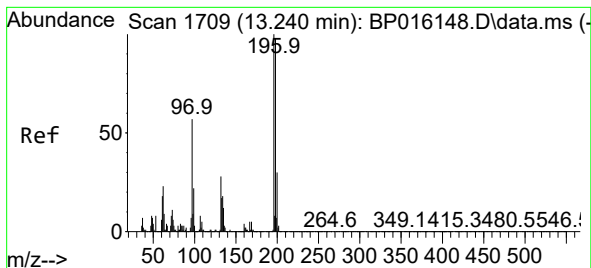
Ion Ratio Lower Upper

196 100

198 96.5 75.4 113.2

200 31.5 23.6 35.4





#42

2,4,5-Trichlorophenol

Concen: 40.505 ng/ul

RT: 13.216 min Scan# 1705

Delta R.T. -0.024 min

Lab File: BP016151.D

Acq: 10 Jul 2023 10:44

Instrument :

BNA_P

ClientSampleId :

YBW38MSD

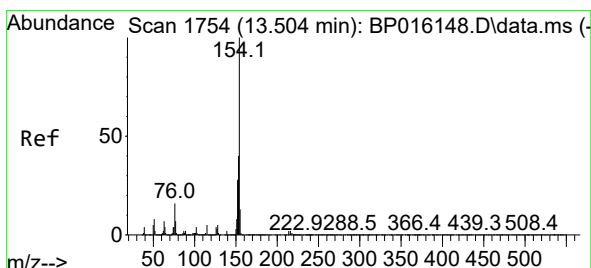
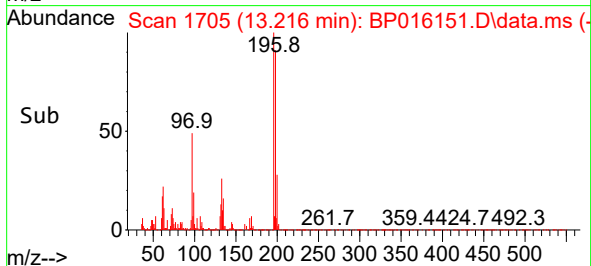
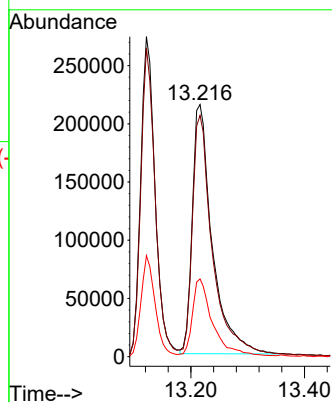
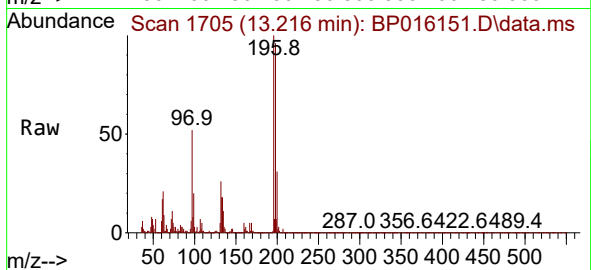
Tgt Ion:196 Resp: 522544

Ion Ratio Lower Upper

196 100

198 95.7 74.9 112.3

200 30.8 24.3 36.5



#43

1,1'-Biphenyl

Concen: 39.809 ng/ul

RT: 13.492 min Scan# 1752

Delta R.T. -0.012 min

Lab File: BP016151.D

Acq: 10 Jul 2023 10:44

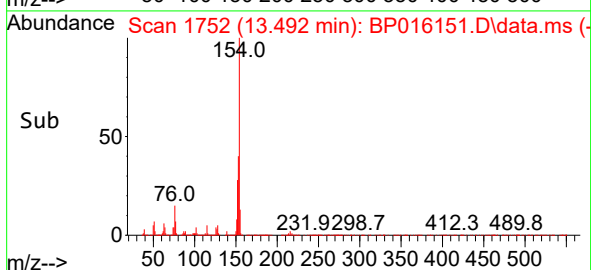
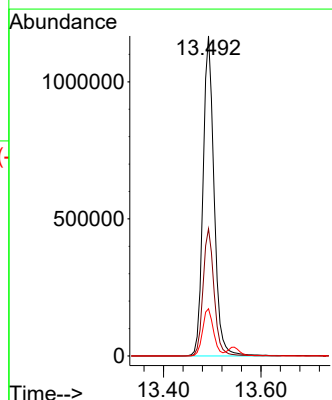
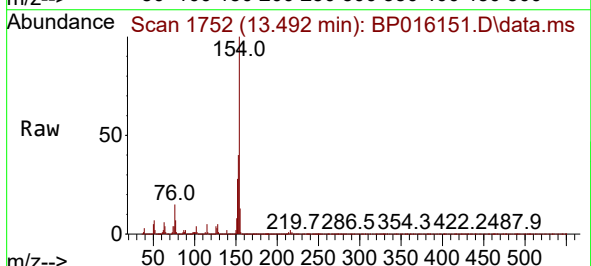
Tgt Ion:154 Resp: 1841483

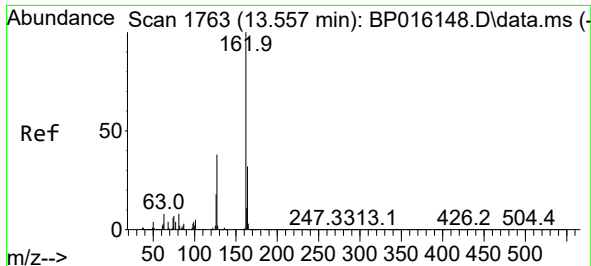
Ion Ratio Lower Upper

154 100

153 39.8 32.8 49.2

76 14.8 10.7 16.1

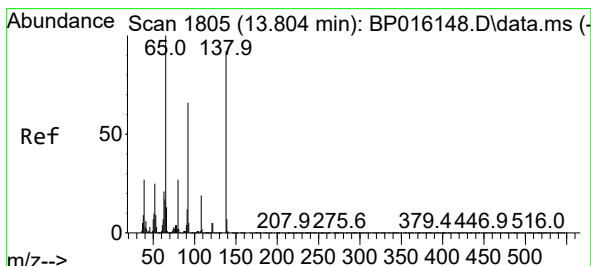
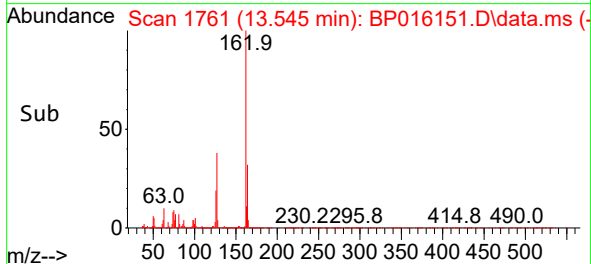
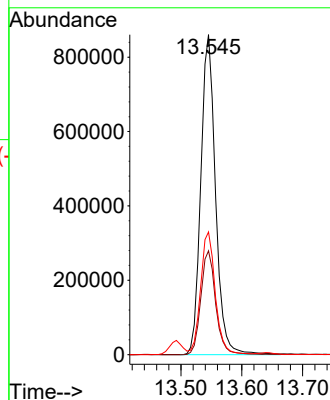
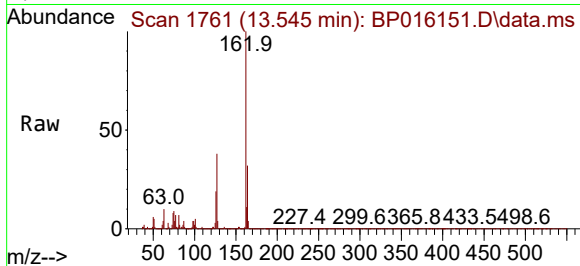




#44
2-Chloronaphthalene
Concen: 39.738 ng/ul
RT: 13.545 min Scan# 1761
Delta R.T. -0.012 min
Lab File: BP016151.D
Acq: 10 Jul 2023 10:44

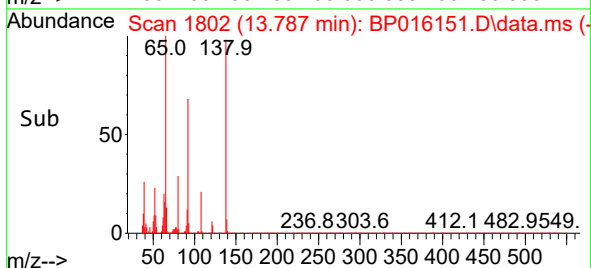
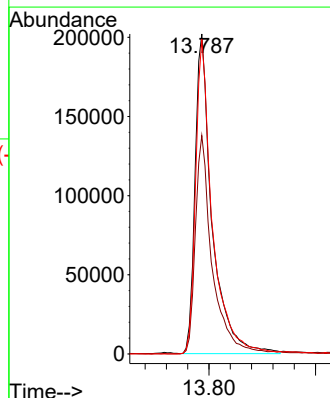
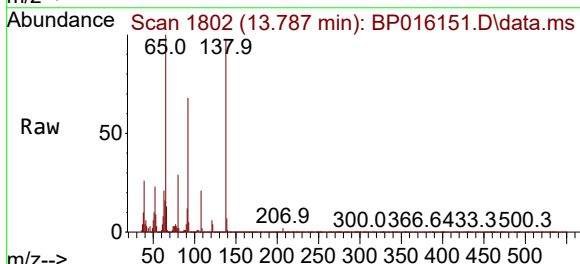
Instrument :
BNA_P
ClientSampleId :
YBW38MSD

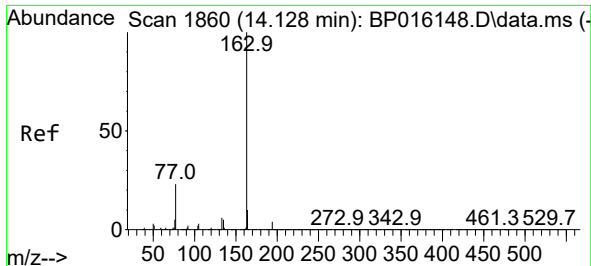
Tgt Ion:162 Resp: 1448059
Ion Ratio Lower Upper
162 100
164 32.4 26.1 39.1
127 38.4 33.4 50.0



#45
2-Nitroaniline
Concen: 39.026 ng/ul
RT: 13.787 min Scan# 1802
Delta R.T. -0.018 min
Lab File: BP016151.D
Acq: 10 Jul 2023 10:44

Tgt Ion: 65 Resp: 447479
Ion Ratio Lower Upper
65 100
92 68.2 49.5 74.3
138 98.3 71.4 107.2

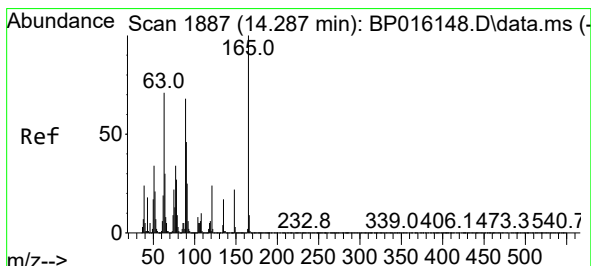
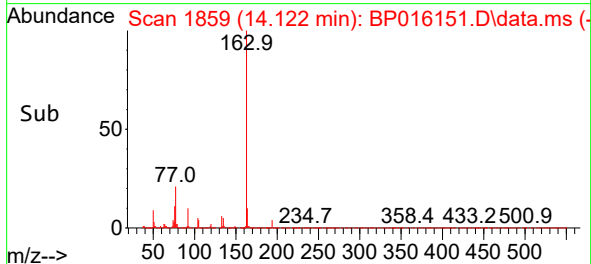
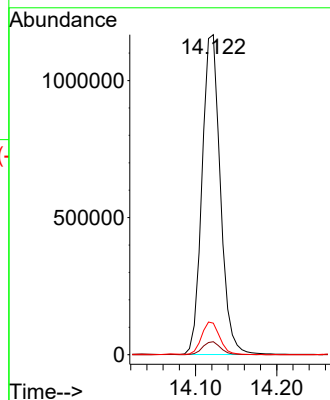
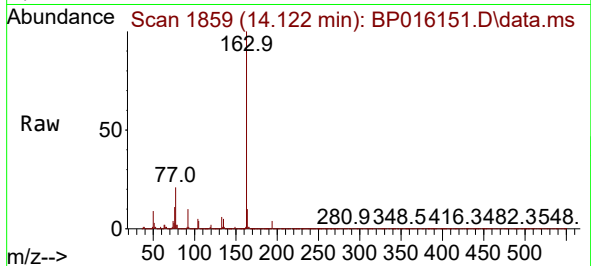




#47
Dimethylphthalate
Concen: 39.072 ng/ul
RT: 14.122 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BP016151.D
Acq: 10 Jul 2023 10:44

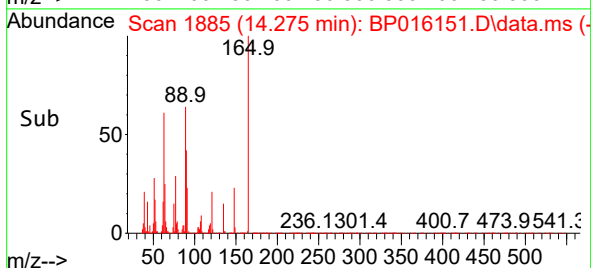
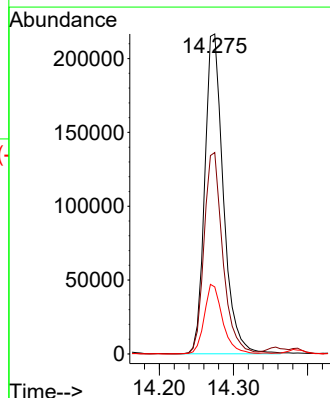
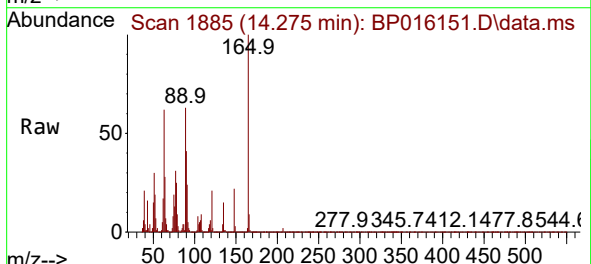
Instrument :
BNA_P
ClientSampleId :
YBW38MSD

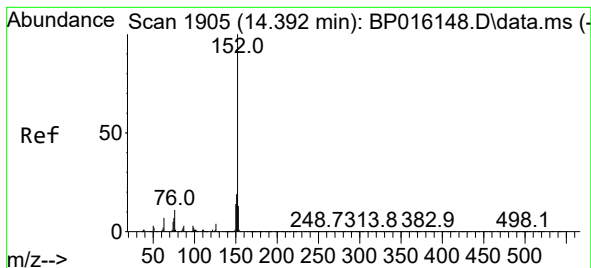
Tgt Ion:163 Resp: 1825282
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 9.9 7.7 11.5



#48
2,6-Dinitrotoluene
Concen: 39.856 ng/ul
RT: 14.275 min Scan# 1885
Delta R.T. -0.012 min
Lab File: BP016151.D
Acq: 10 Jul 2023 10:44

Tgt Ion:165 Resp: 377674
Ion Ratio Lower Upper
165 100
89 63.0 54.1 81.1
121 20.9 18.2 27.2





#50

Acenaphthylene

Concen: 39.480 ng/ul

RT: 14.387 min Scan# 1904

Delta R.T. -0.006 min

Lab File: BP016151.D

Acq: 10 Jul 2023 10:44

Instrument :

BNA_P

ClientSampleId :

YBW38MSD

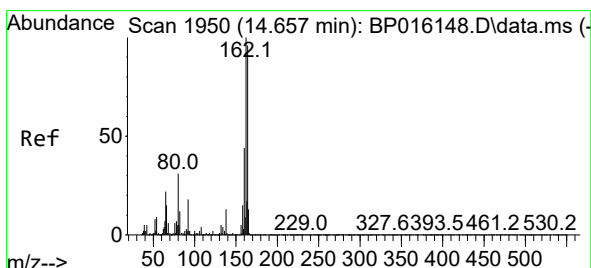
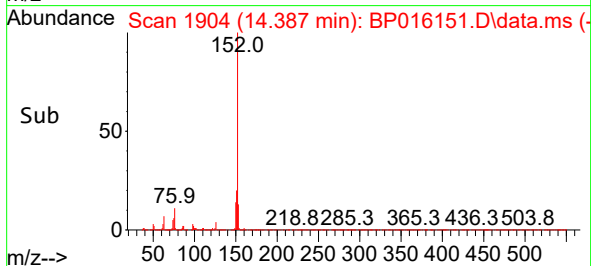
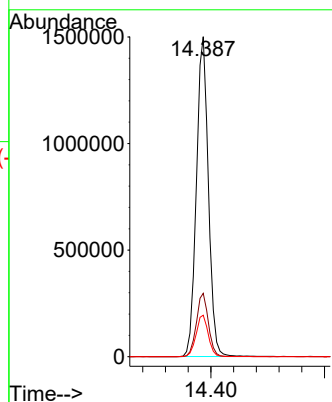
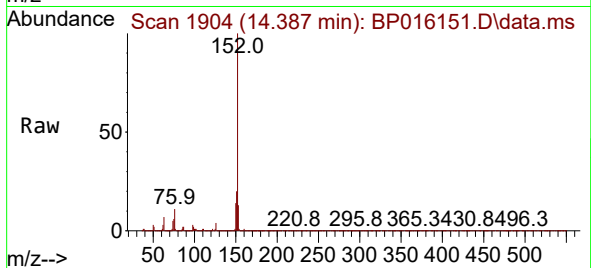
Tgt Ion:152 Resp: 2207381

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.2

153 13.0 10.5 15.7



#51

3-Nitroaniline

Concen: 44.168 ng/ul

RT: 14.628 min Scan# 1945

Delta R.T. -0.029 min

Lab File: BP016151.D

Acq: 10 Jul 2023 10:44

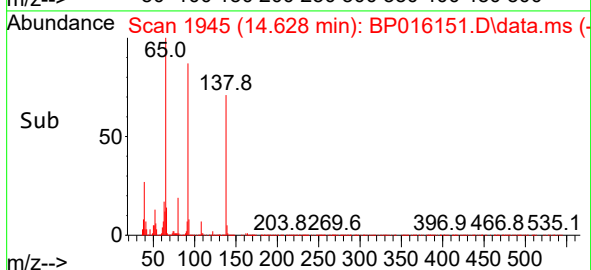
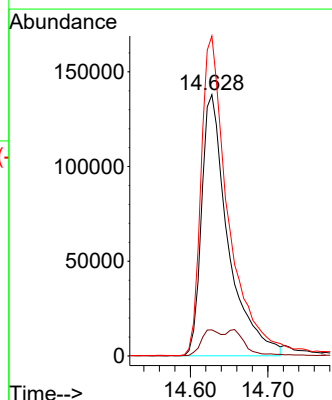
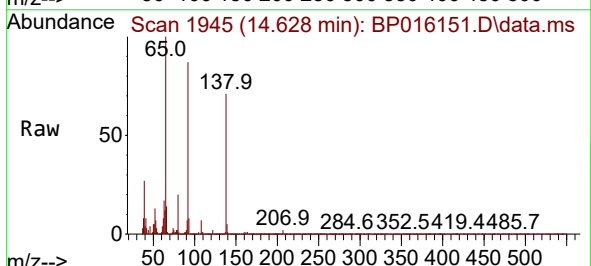
Tgt Ion:138 Resp: 328215

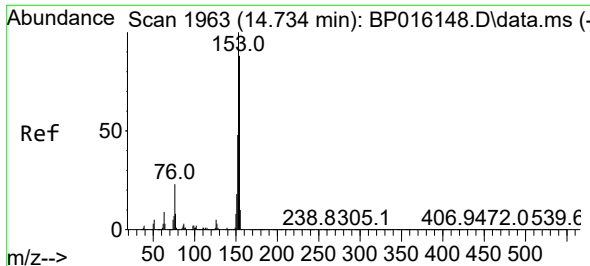
Ion Ratio Lower Upper

138 100

108 10.0 9.1 13.7

92 122.4 96.8 145.2

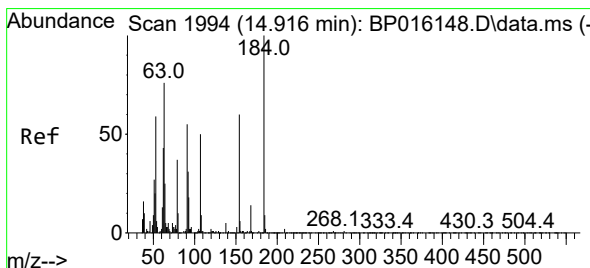
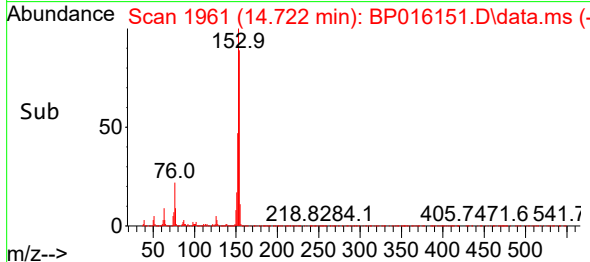
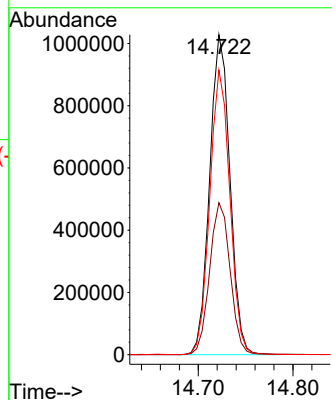
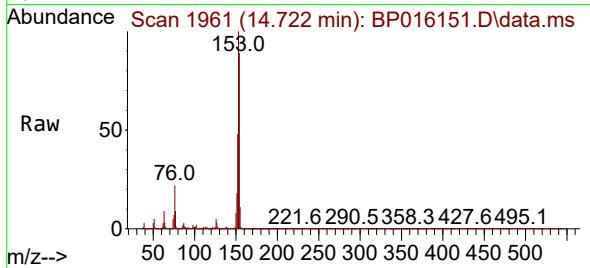




#52
Acenaphthene
Concen: 39.461 ng/ul
RT: 14.722 min Scan# 1961
Delta R.T. -0.012 min
Lab File: BP016151.D
Acq: 10 Jul 2023 10:44

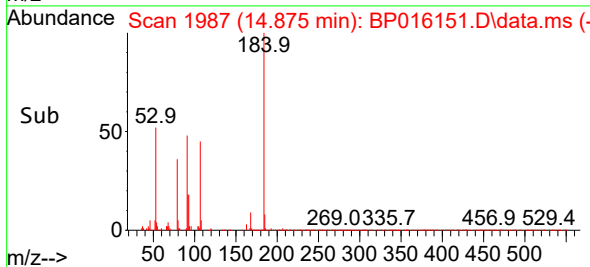
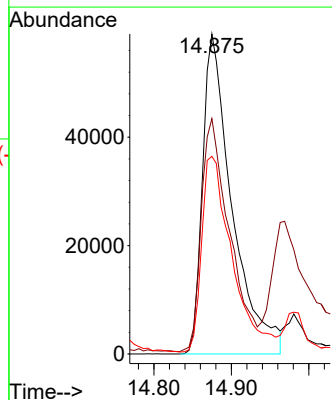
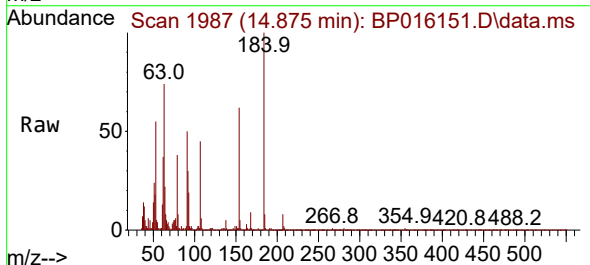
Instrument :
BNA_P
ClientSampleId :
YBW38MSD

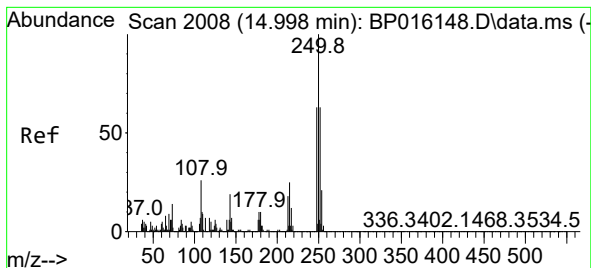
Tgt Ion:153 Resp: 1529975
Ion Ratio Lower Upper
153 100
152 47.5 39.4 59.2
154 89.0 71.4 107.2



#53
2,4-Dinitrophenol
Concen: 30.957 ng/ul
RT: 14.875 min Scan# 1987
Delta R.T. -0.041 min
Lab File: BP016151.D
Acq: 10 Jul 2023 10:44

Tgt Ion:184 Resp: 155637
Ion Ratio Lower Upper
184 100
63 73.6 71.4 107.0
154 61.7 61.1 91.7

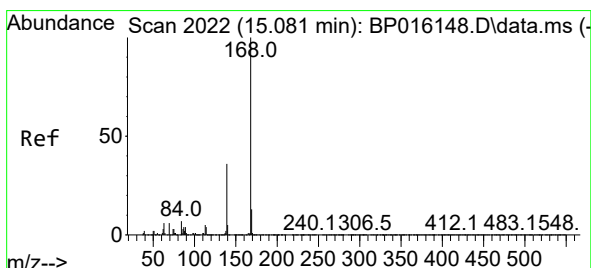
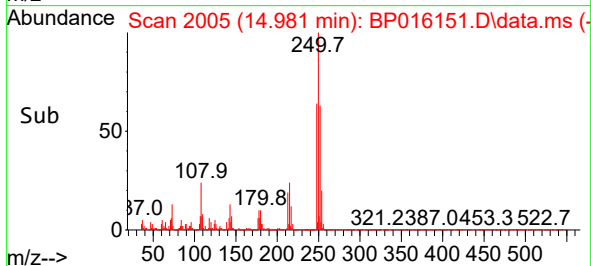
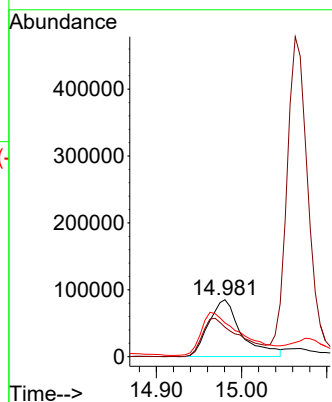
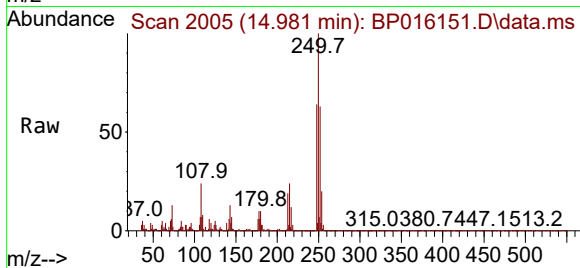




#55
4-Nitrophenol
Concen: 36.821 ng/ul
RT: 14.981 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BP016151.D
Acq: 10 Jul 2023 10:44

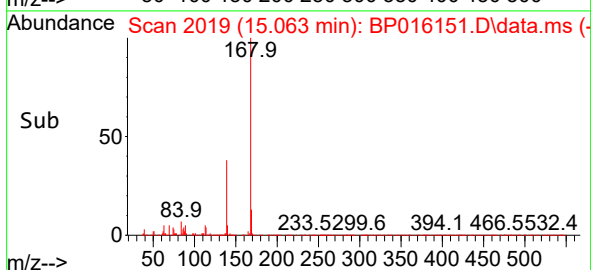
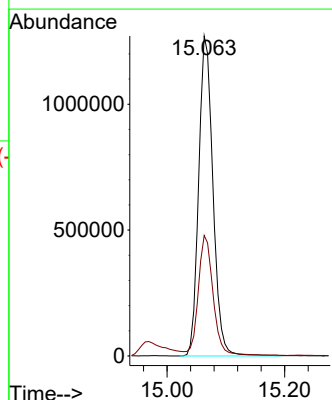
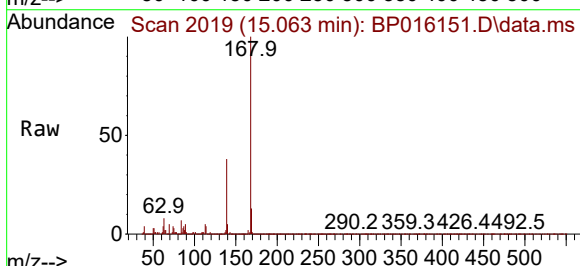
Instrument :
BNA_P
ClientSampleId :
YBW38MSD

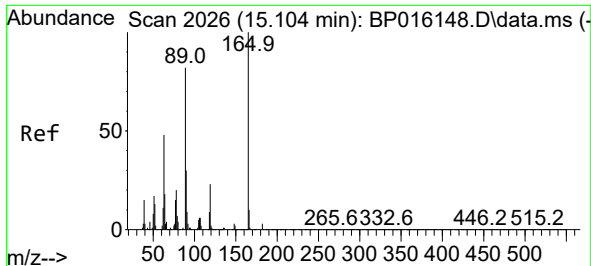
Tgt Ion:109 Resp: 227294
Ion Ratio Lower Upper
109 100
139 51.8 81.3 121.9#
65 59.2 99.9 149.9#



#56
Dibenzofuran
Concen: 39.671 ng/ul
RT: 15.063 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BP016151.D
Acq: 10 Jul 2023 10:44

Tgt Ion:168 Resp: 2135182
Ion Ratio Lower Upper
168 100
139 37.6 32.2 48.4

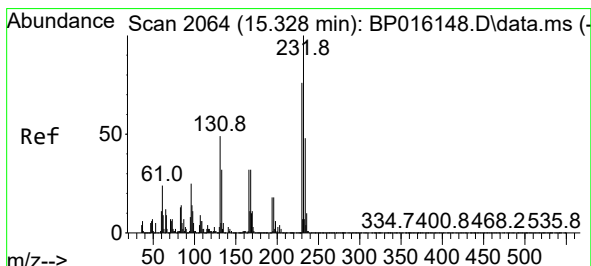
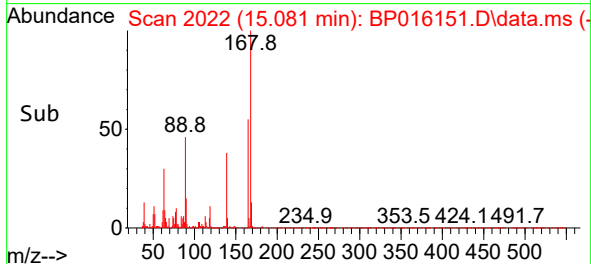
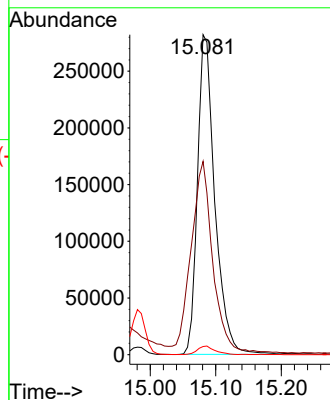
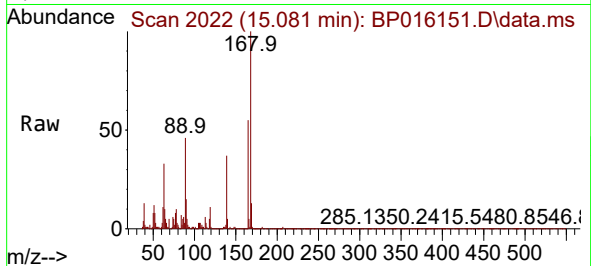




#57
2,4-Dinitrotoluene
Concen: 40.322 ng/ul
RT: 15.081 min Scan# 2061
Delta R.T. -0.024 min
Lab File: BP016151.D
Acq: 10 Jul 2023 10:44

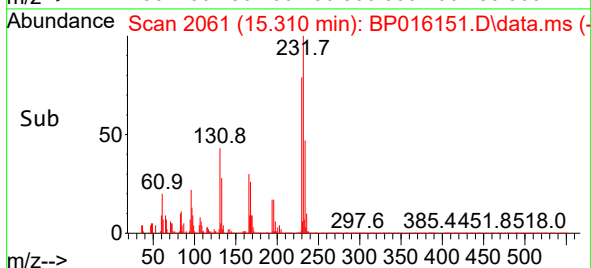
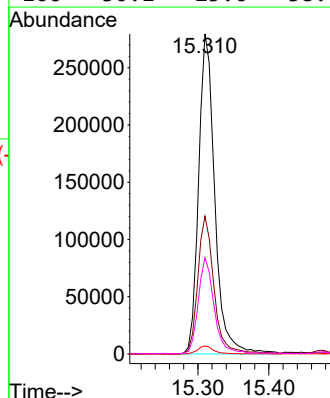
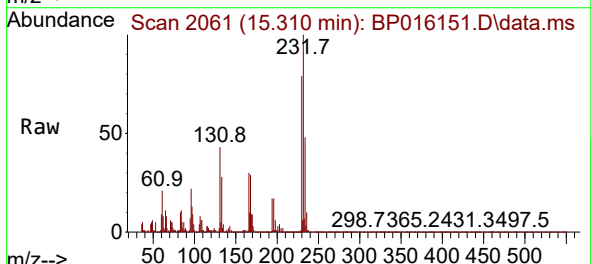
Instrument :
BNA_P
ClientSampleId :
YBW38MSD

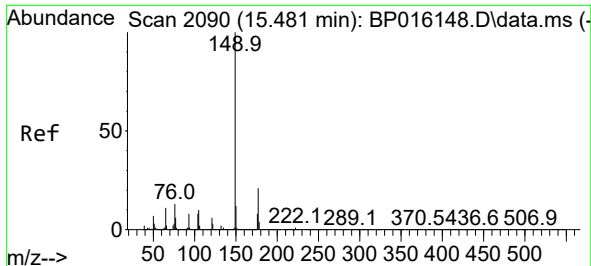
Tgt Ion:165 Resp: 520686
Ion Ratio Lower Upper
165 100
63 60.4 56.8 85.2
182 2.6 2.0 3.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 40.071 ng/ul
RT: 15.310 min Scan# 2061
Delta R.T. -0.018 min
Lab File: BP016151.D
Acq: 10 Jul 2023 10:44

Tgt Ion:232 Resp: 444024
Ion Ratio Lower Upper
232 100
131 43.1 38.2 57.2
130 2.5 2.2 3.2
166 30.1 25.6 38.4

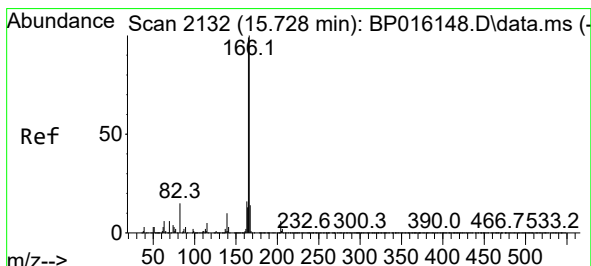
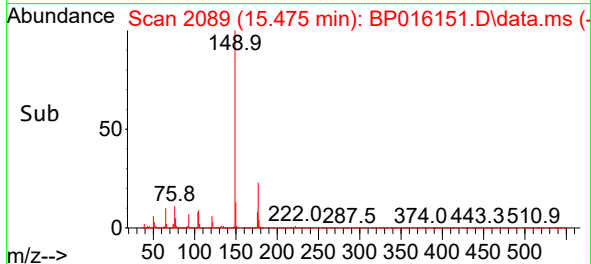
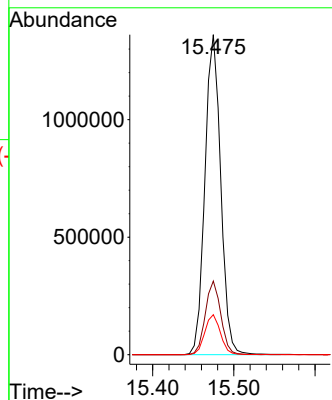
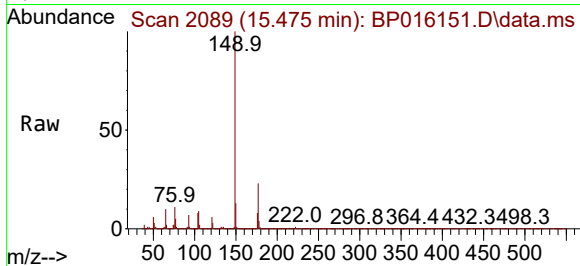




#59
Diethylphthalate
Concen: 38.829 ng/ul
RT: 15.475 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BP016151.D
Acq: 10 Jul 2023 10:44

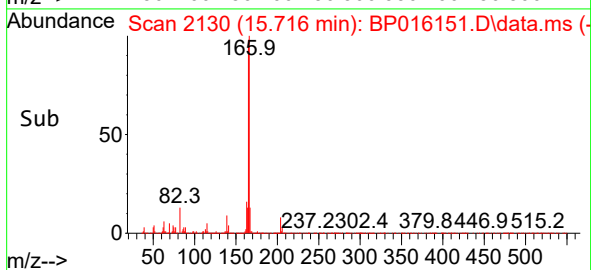
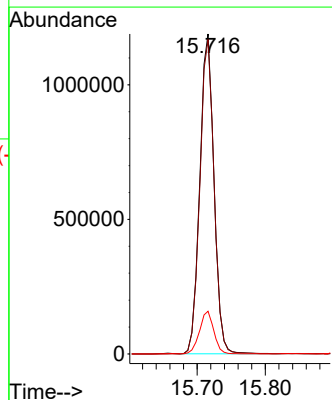
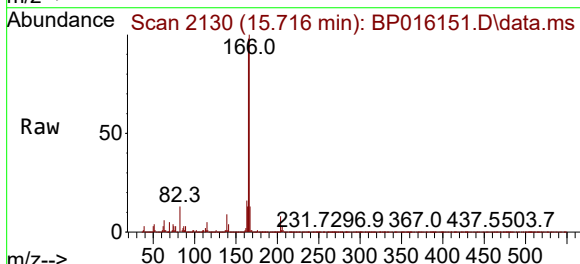
Instrument :
BNA_P
ClientSampleId :
YBW38MSD

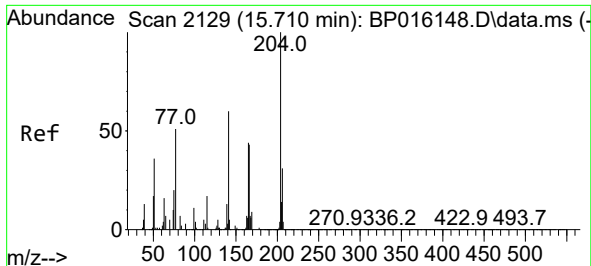
Tgt Ion:149 Resp: 1835592
Ion Ratio Lower Upper
149 100
177 23.0 16.8 25.2
150 12.5 10.3 15.5



#61
Fluorene
Concen: 39.246 ng/ul
RT: 15.716 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BP016151.D
Acq: 10 Jul 2023 10:44

Tgt Ion:166 Resp: 1713337
Ion Ratio Lower Upper
166 100
165 98.3 78.7 118.1
167 13.4 10.5 15.7

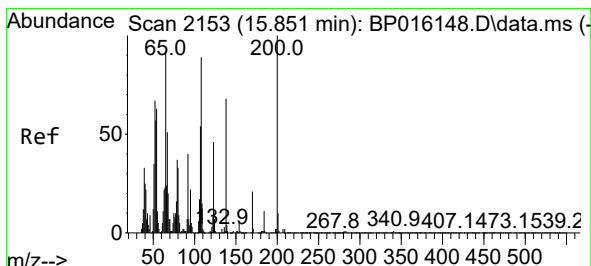
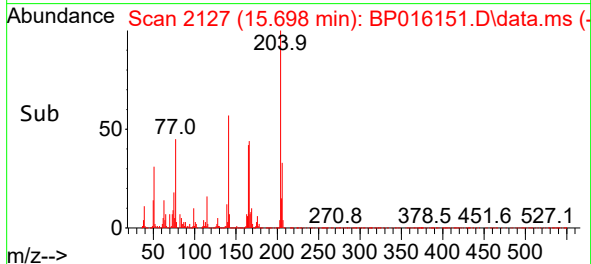
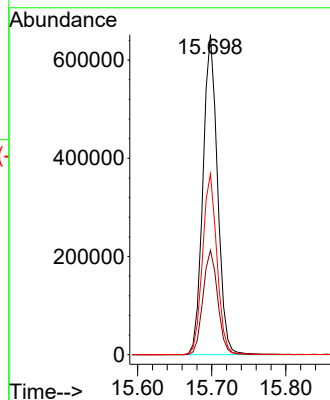
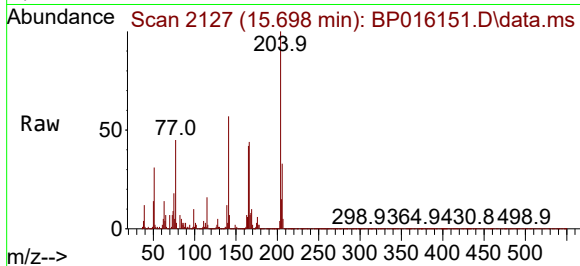




#62
4-Chlorophenyl-phenylether
Concen: 39.838 ng/ul
RT: 15.698 min Scan# 2127
Delta R.T. -0.012 min
Lab File: BP016151.D
Acq: 10 Jul 2023 10:44

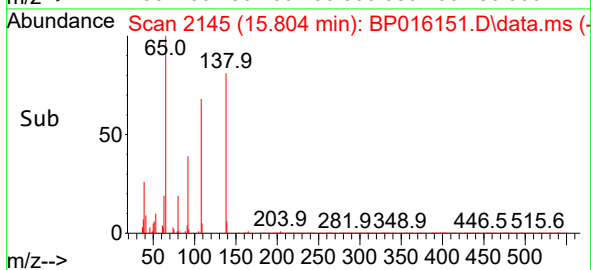
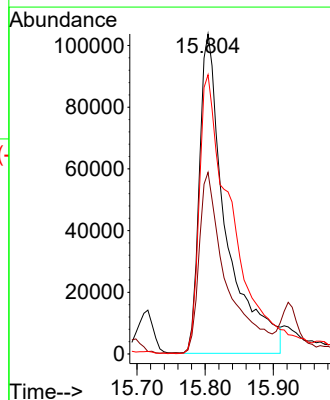
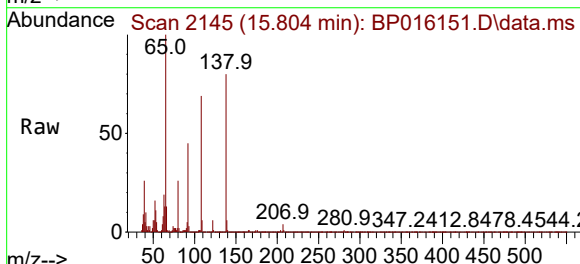
Instrument :
BNA_P
ClientSampleId :
YBW38MSD

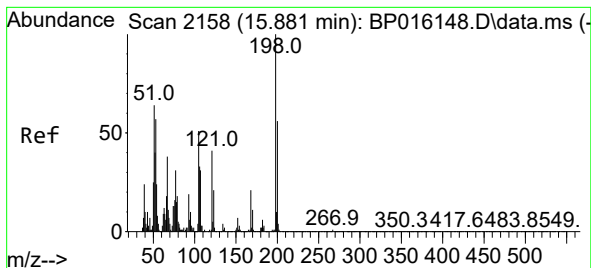
Tgt Ion:204 Resp: 889902
Ion Ratio Lower Upper
204 100
206 32.7 26.0 39.0
141 56.6 51.8 77.8



#63
4-Nitroaniline
Concen: 55.306 ng/ul
RT: 15.804 min Scan# 2145
Delta R.T. -0.047 min
Lab File: BP016151.D
Acq: 10 Jul 2023 10:44

Tgt Ion:138 Resp: 281283
Ion Ratio Lower Upper
138 100
92 56.7 50.1 75.1
108 87.3 85.5 128.3

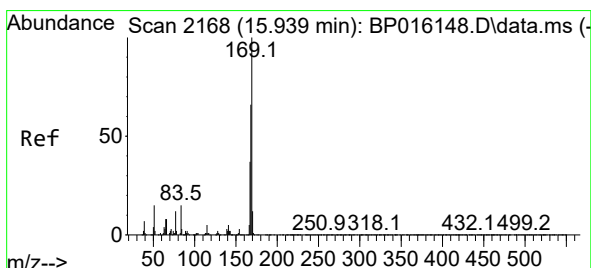
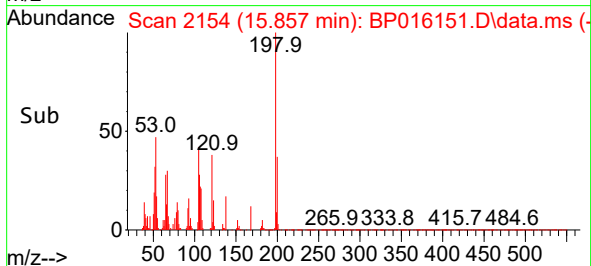
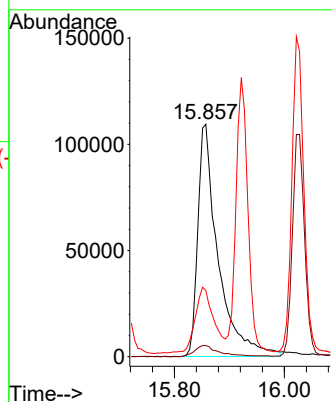
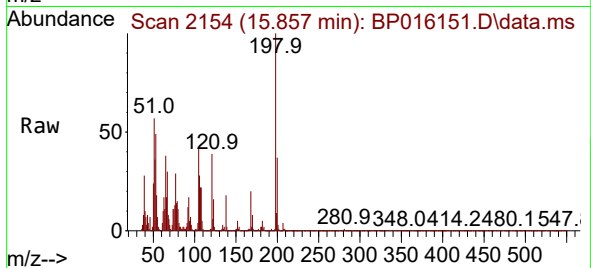




#66
4,6-Dinitro-2-methylphenol
Concen: 36.603 ng/ul
RT: 15.857 min Scan# 2154
Delta R.T. -0.024 min
Lab File: BP016151.D
Acq: 10 Jul 2023 10:44

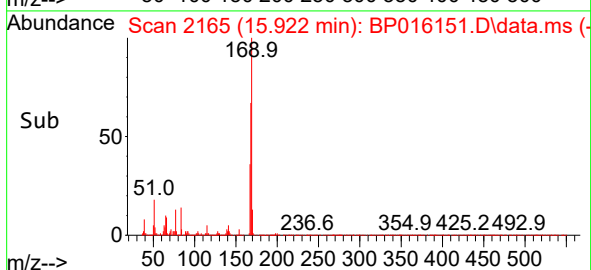
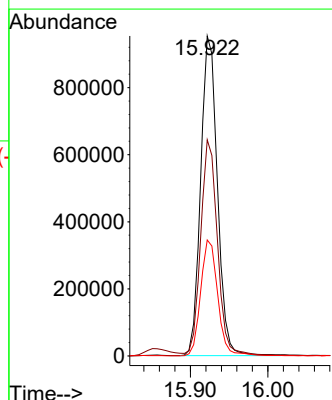
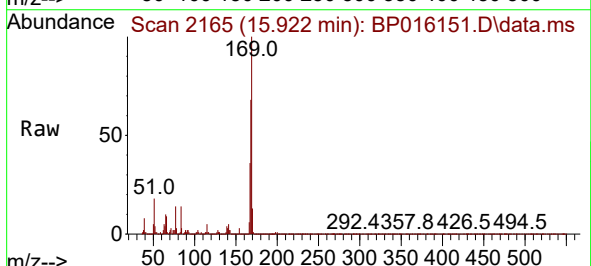
Instrument :
BNA_P
ClientSampleId :
YBW38MSD

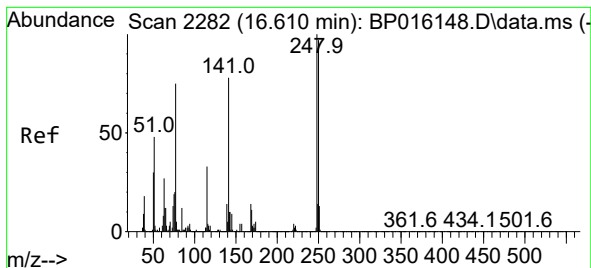
Tgt Ion:198 Resp: 280520
Ion Ratio Lower Upper
198 100
182 4.8 3.4 5.2
77 28.5 24.4 36.6



#67
N-Nitrosodiphenylamine
Concen: 38.729 ng/ul
RT: 15.922 min Scan# 2165
Delta R.T. -0.018 min
Lab File: BP016151.D
Acq: 10 Jul 2023 10:44

Tgt Ion:169 Resp: 1428014
Ion Ratio Lower Upper
169 100
168 67.6 54.2 81.4
167 36.2 29.7 44.5

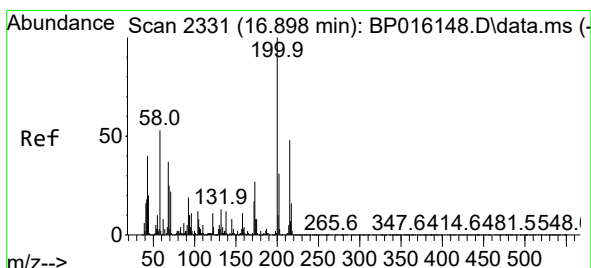
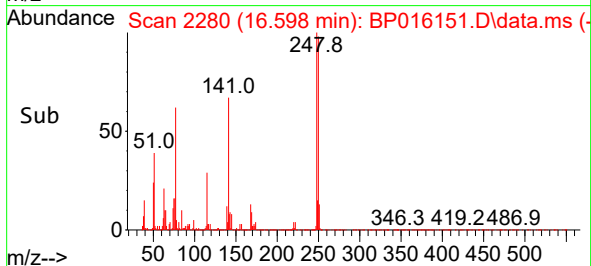
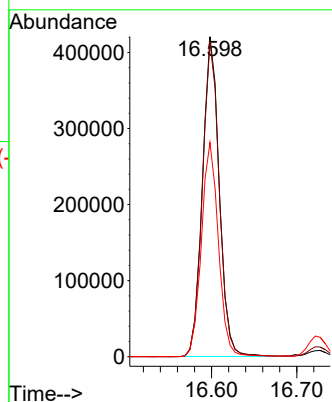
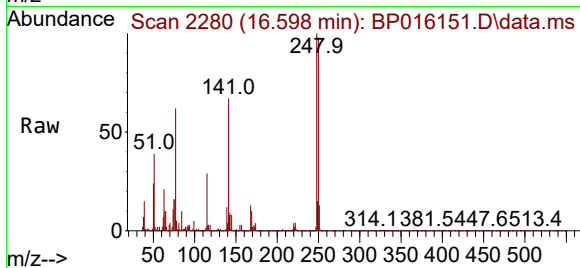




#68
4-Bromophenyl-phenylether
Concen: 41.015 ng/ul
RT: 16.598 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP016151.D
Acq: 10 Jul 2023 10:44

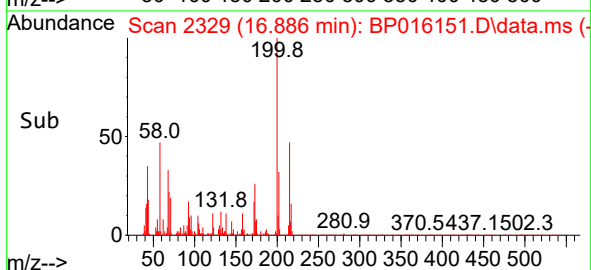
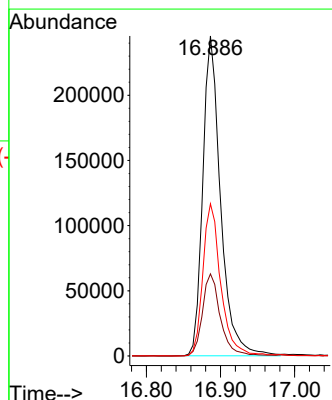
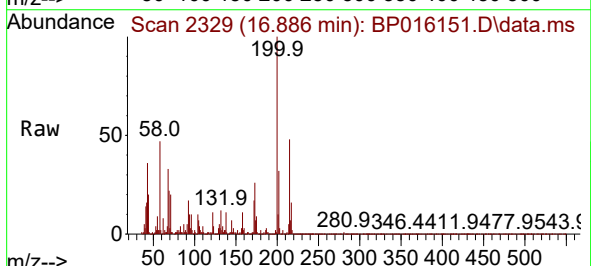
Instrument :
BNA_P
ClientSampleId :
YBW38MSD

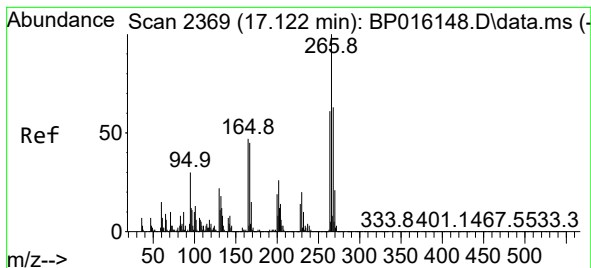
Tgt Ion:248 Resp: 576861
Ion Ratio Lower Upper
248 100
250 98.4 84.6 126.8
141 67.0 67.8 101.6#



#70
Atrazine
Concen: 29.146 ng/ul
RT: 16.886 min Scan# 2329
Delta R.T. -0.012 min
Lab File: BP016151.D
Acq: 10 Jul 2023 10:44

Tgt Ion:200 Resp: 411367
Ion Ratio Lower Upper
200 100
173 25.7 19.8 29.8
215 47.5 36.8 55.2





#71

Pentachlorophenol

Concen: 34.727 ng/ul

RT: 17.098 min Scan# 21

Delta R.T. -0.024 min

Lab File: BP016151.D

Acq: 10 Jul 2023 10:44

Instrument :

BNA_P

ClientSampleId :

YBW38MSD

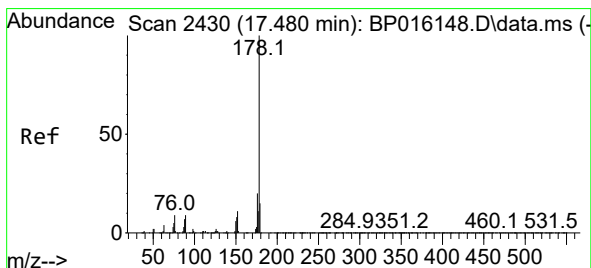
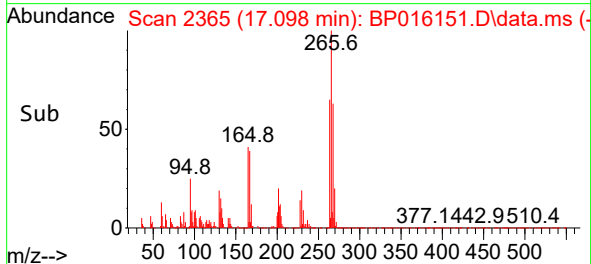
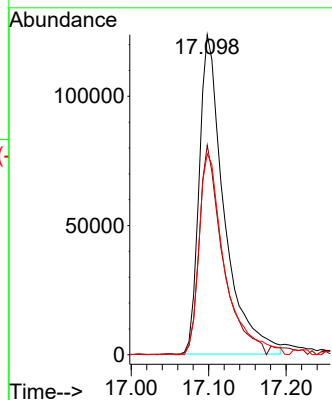
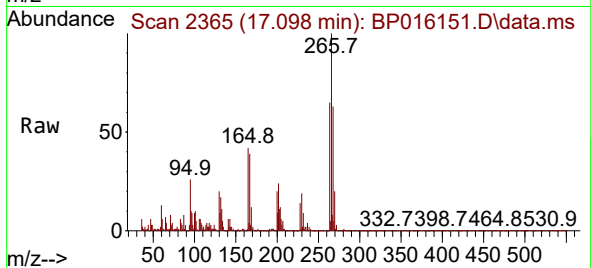
Tgt Ion:266 Resp: 276602

Ion Ratio Lower Upper

266 100

264 70.7 53.4 80.2

268 67.7 51.4 77.2



#72

Phenanthrene

Concen: 39.641 ng/ul

RT: 17.469 min Scan# 2428

Delta R.T. -0.012 min

Lab File: BP016151.D

Acq: 10 Jul 2023 10:44

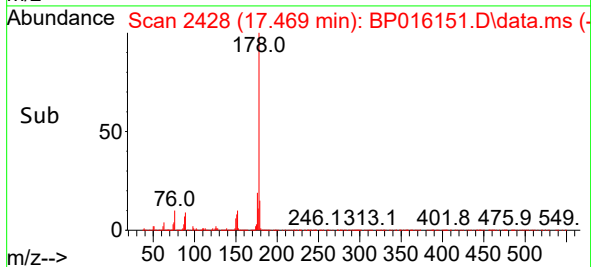
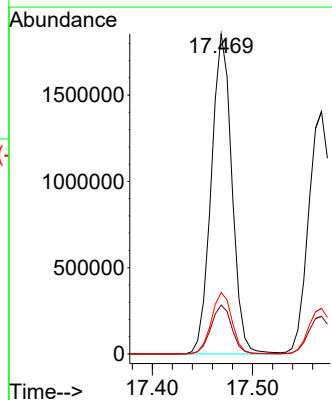
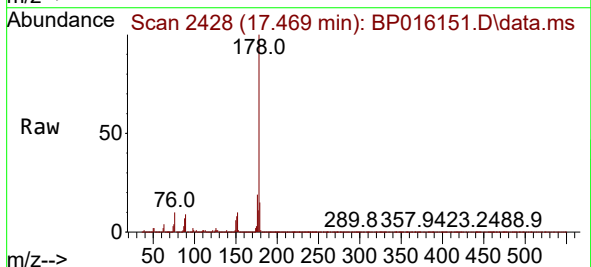
Tgt Ion:178 Resp: 2652362

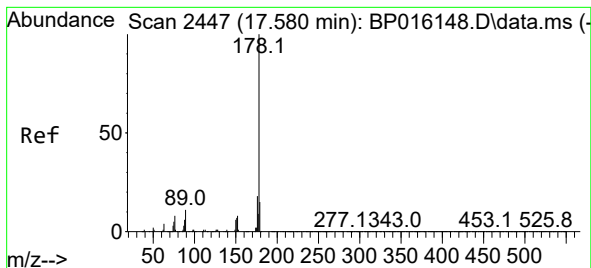
Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

176 19.2 15.6 23.4





#74

Anthracene

Concen: 39.396 ng/uI

RT: 17.569 min Scan# 2447

Delta R.T. -0.012 min

Lab File: BP016151.D

Acq: 10 Jul 2023 10:44

Instrument :

BNA_P

ClientSampleId :

YBW38MSD

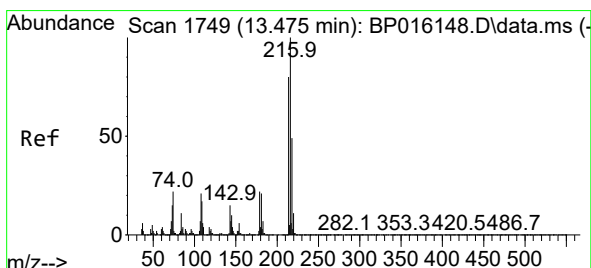
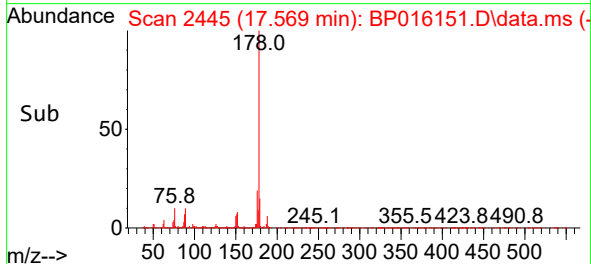
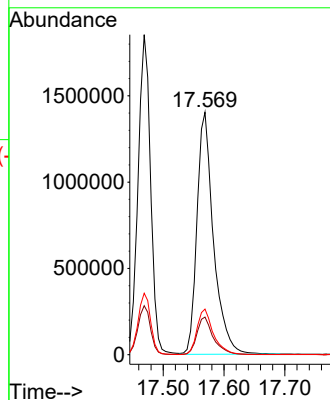
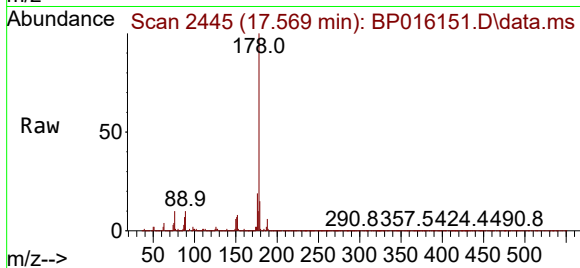
Tgt Ion:178 Resp: 2648713

Ion Ratio Lower Upper

178 100

179 15.5 12.1 18.1

176 18.8 14.6 22.0



#75

1,2,3,4-Tetrachlorobenzene

Concen: 40.409 ng/uI

RT: 13.463 min Scan# 1747

Delta R.T. -0.012 min

Lab File: BP016151.D

Acq: 10 Jul 2023 10:44

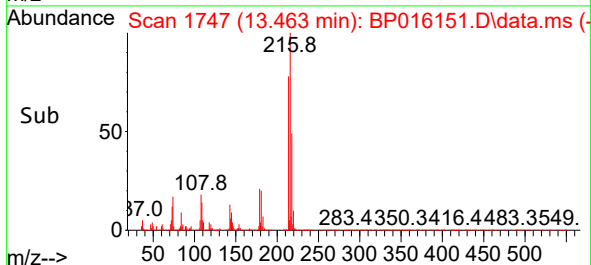
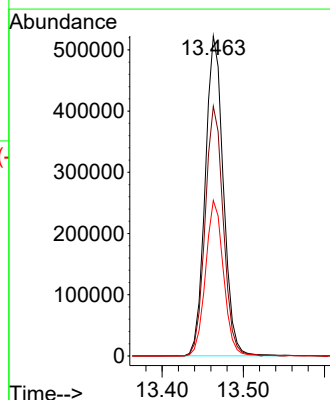
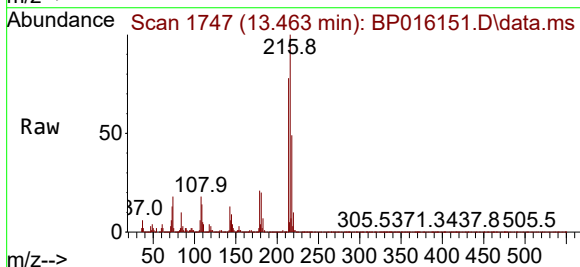
Tgt Ion:216 Resp: 809852

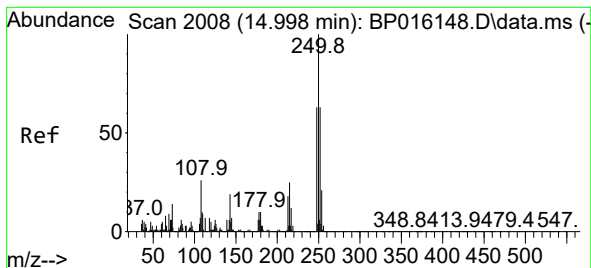
Ion Ratio Lower Upper

216 100

214 78.1 62.0 93.0

218 48.6 38.4 57.6





#76

Pentachlorobenzene

Concen: 92.161 ng/uL

RT: 14.981 min Scan# 2008

Delta R.T. -0.018 min

Lab File: BP016151.D

Acq: 10 Jul 2023 10:44

Instrument :

BNA_P

ClientSampleId :

YBW38MSD

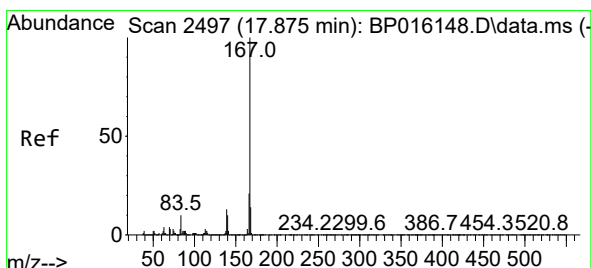
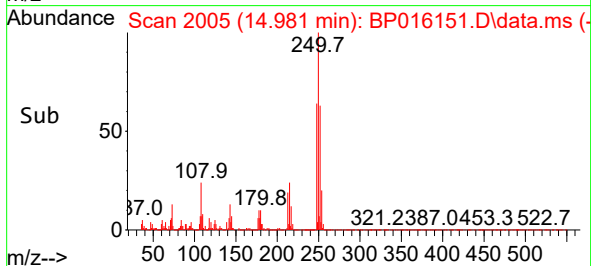
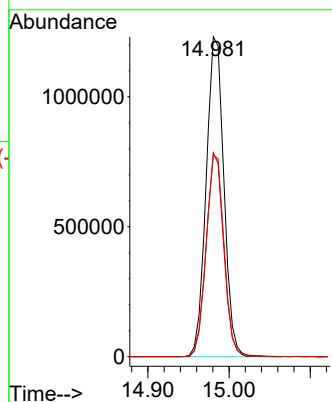
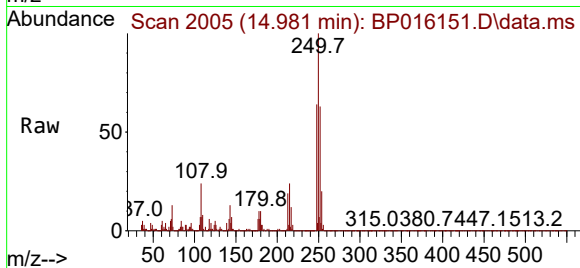
Tgt Ion:250 Resp: 1864154

Ion Ratio Lower Upper

250 100

248 63.8 50.7 76.1

252 63.2 51.2 76.8



#77

Carbazole

Concen: 40.124 ng/uL

RT: 17.857 min Scan# 2494

Delta R.T. -0.018 min

Lab File: BP016151.D

Acq: 10 Jul 2023 10:44

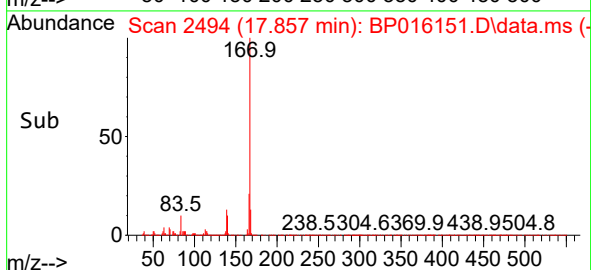
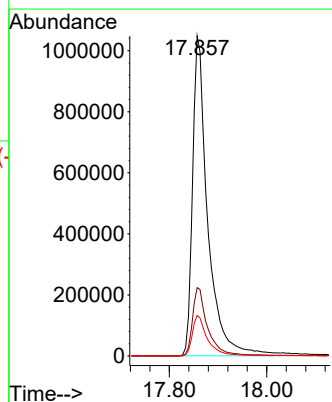
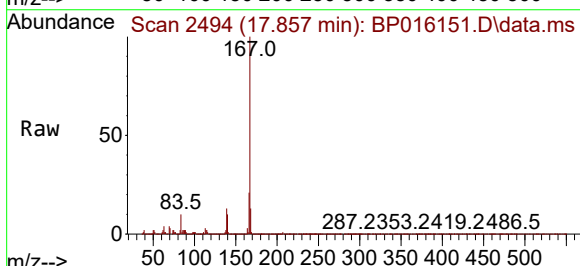
Tgt Ion:167 Resp: 2273707

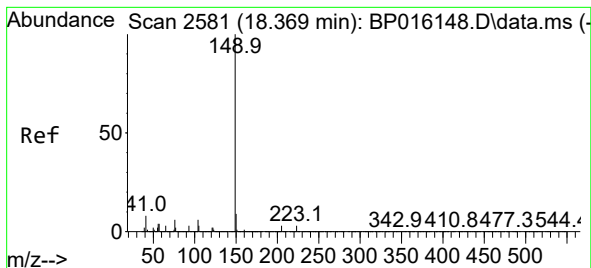
Ion Ratio Lower Upper

167 100

166 21.4 17.4 26.0

139 12.6 11.0 16.4





#78

Di-n-butylphthalate

Concen: 42.041 ng/ul

RT: 18.357 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP016151.D

Acq: 10 Jul 2023 10:44

Instrument :

BNA_P

ClientSampleId :

YBW38MSD

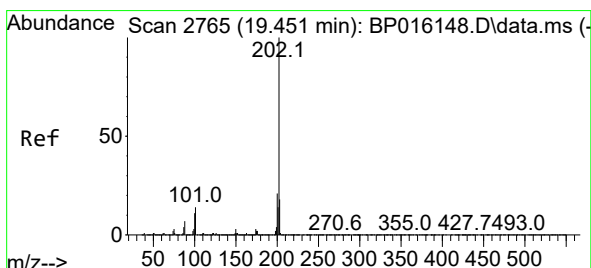
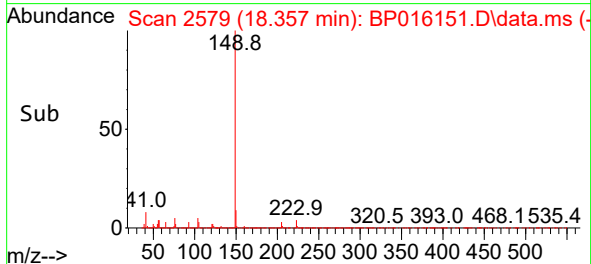
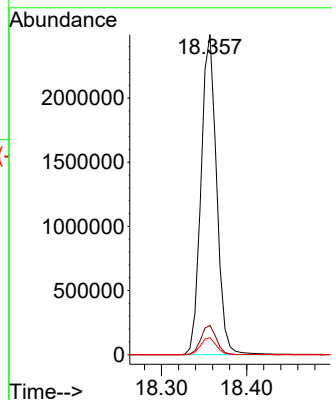
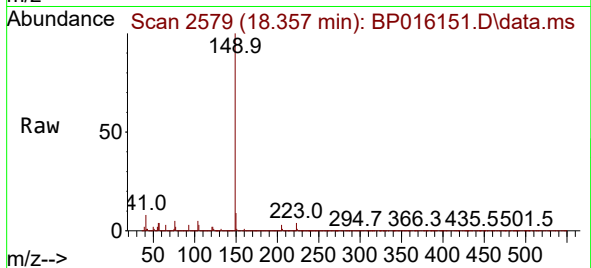
Tgt Ion:149 Resp: 3158342

Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 5.3 4.6 7.0



#80

Fluoranthene

Concen: 36.765 ng/ul

RT: 19.439 min Scan# 2763

Delta R.T. -0.012 min

Lab File: BP016151.D

Acq: 10 Jul 2023 10:44

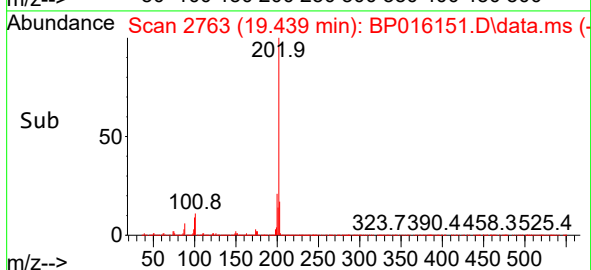
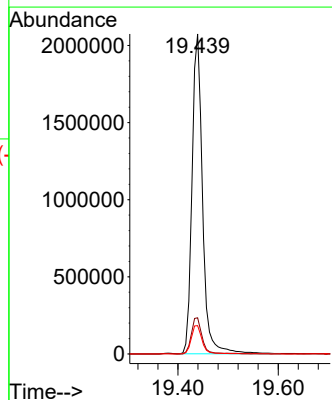
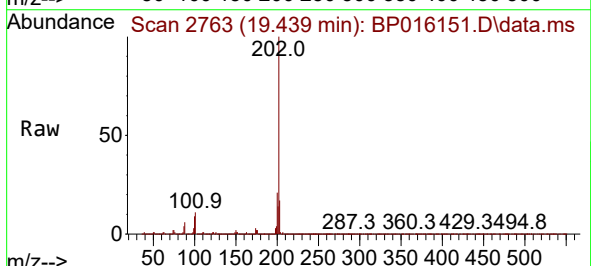
Tgt Ion:202 Resp: 3026471

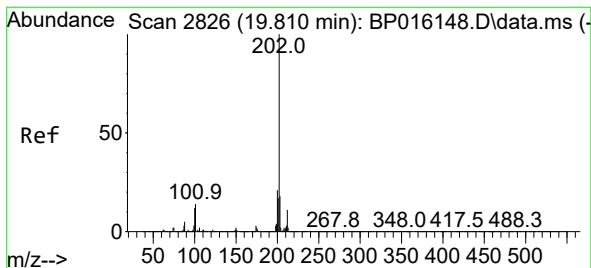
Ion Ratio Lower Upper

202 100

101 11.3 8.3 12.5

100 8.9 6.6 9.8





#82

Pyrene

Concen: 36.791 ng/ul

RT: 19.798 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP016151.D

Acq: 10 Jul 2023 10:44

Instrument :

BNA_P

ClientSampleId :

YBW38MSD

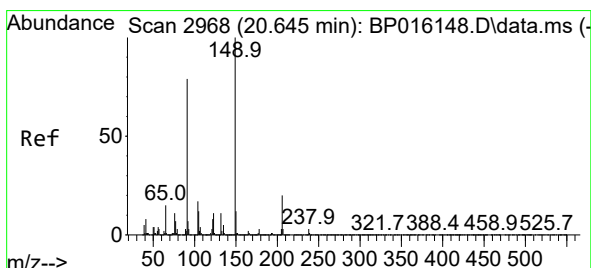
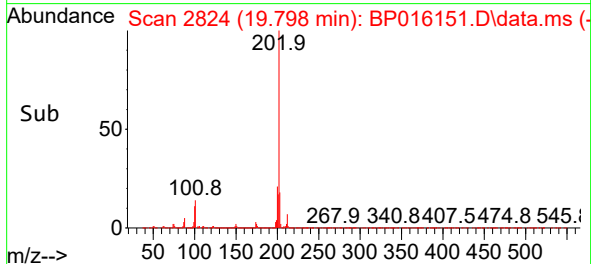
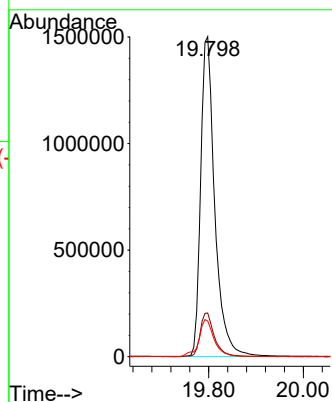
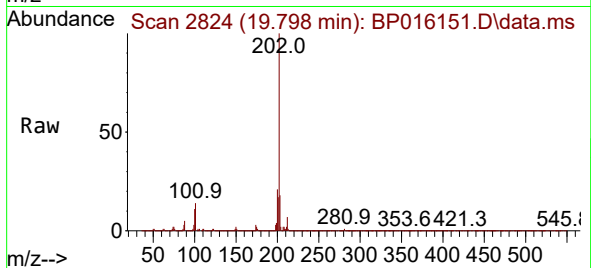
Tgt Ion:202 Resp: 3089453

Ion Ratio Lower Upper

202 100

101 13.6 9.3 13.9

100 11.2 7.6 11.4



#83

Butylbenzylphthalate

Concen: 38.236 ng/ul

RT: 20.633 min Scan# 2966

Delta R.T. -0.012 min

Lab File: BP016151.D

Acq: 10 Jul 2023 10:44

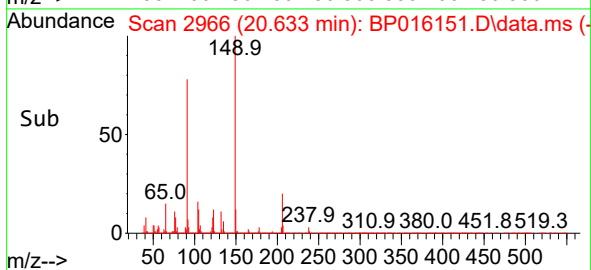
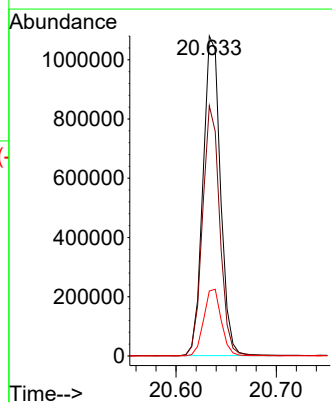
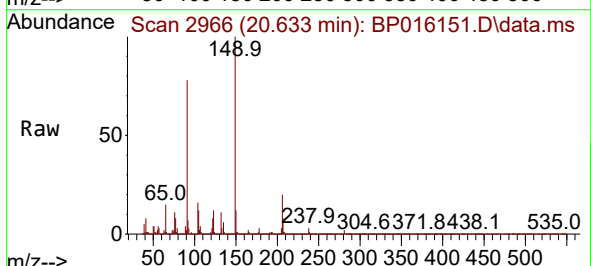
Tgt Ion:149 Resp: 1309908

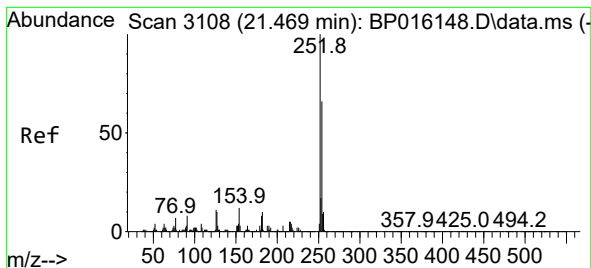
Ion Ratio Lower Upper

149 100

91 78.2 59.8 89.6

206 20.3 16.4 24.6





#84

3,3'-Dichlorobenzidine

Concen: 37.781 ng/ul

RT: 21.445 min Scan# 3115

Delta R.T. -0.024 min

Lab File: BP016151.D

Acq: 10 Jul 2023 10:44

Instrument :

BNA_P

ClientSampleId :

YBW38MSD

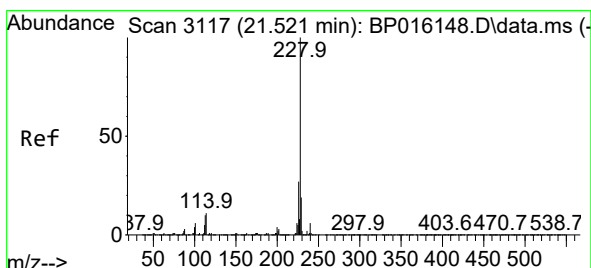
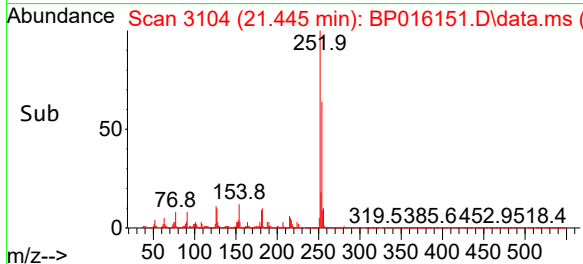
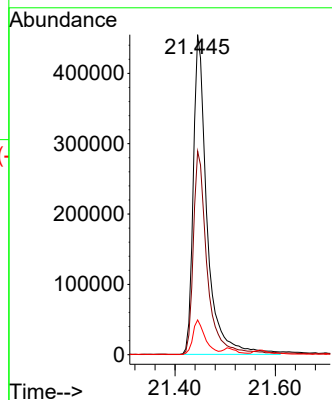
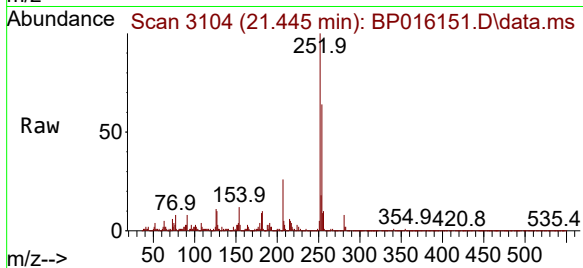
Tgt Ion:252 Resp: 866355

Ion Ratio Lower Upper

252 100

254 63.6 51.0 76.6

126 10.8 8.6 13.0



#85

Benzo(a)anthracene

Concen: 37.864 ng/ul

RT: 21.510 min Scan# 3115

Delta R.T. -0.012 min

Lab File: BP016151.D

Acq: 10 Jul 2023 10:44

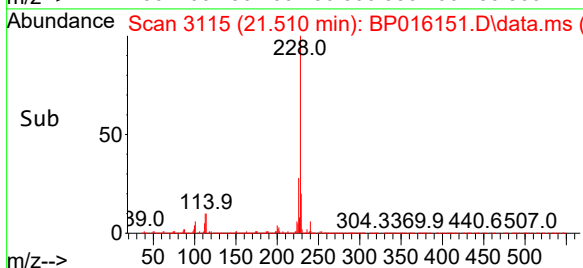
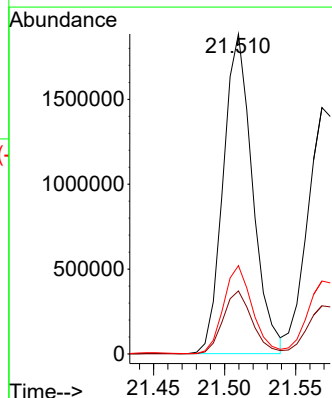
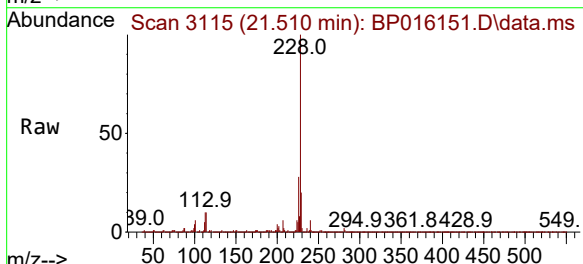
Tgt Ion:228 Resp: 2701906

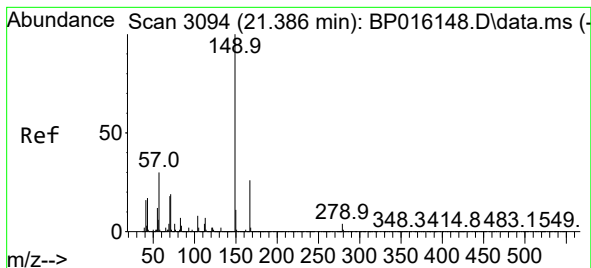
Ion Ratio Lower Upper

228 100

229 19.7 15.3 22.9

226 27.6 21.4 32.0

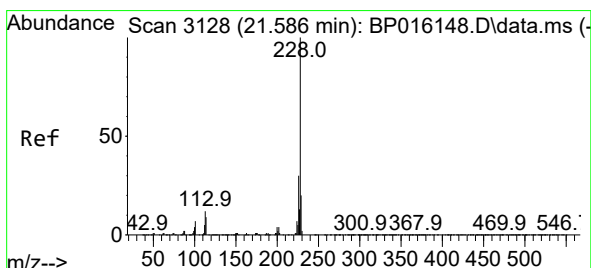
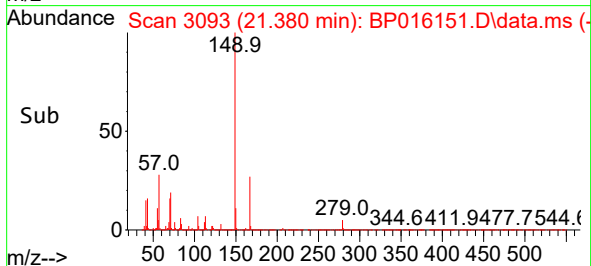
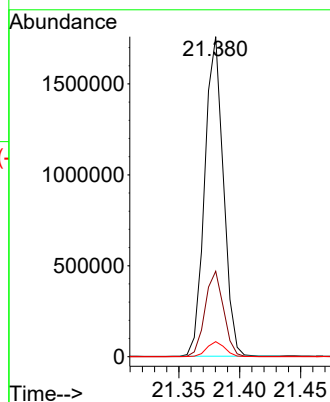
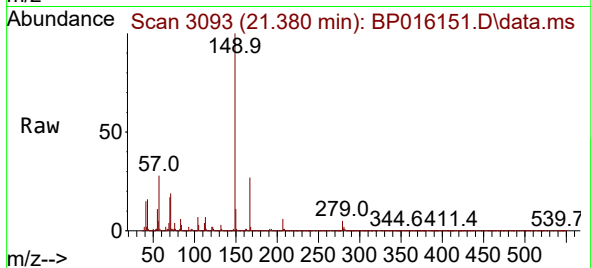




#86
Bis(2-ethylhexyl)phthalate
Concen: 39.797 ng/ul
RT: 21.380 min Scan# 3094
Delta R.T. -0.006 min
Lab File: BP016151.D
Acq: 10 Jul 2023 10:44

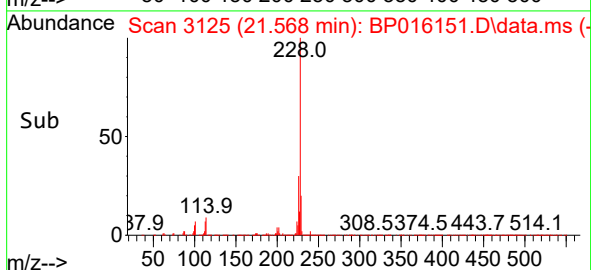
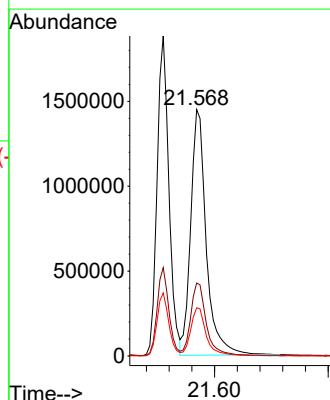
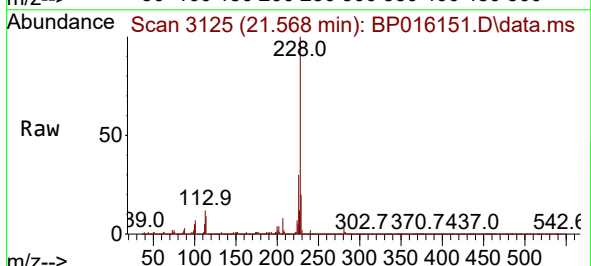
Instrument :
BNA_P
ClientSampleId :
YBW38MSD

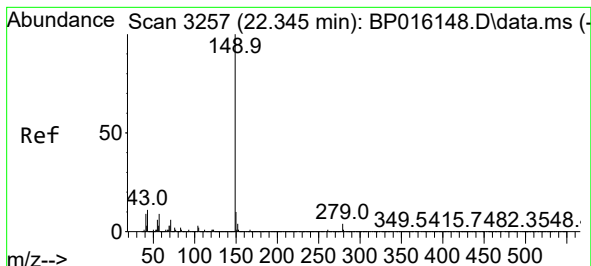
Tgt Ion:149 Resp: 1873702
Ion Ratio Lower Upper
149 100
167 26.7 21.0 31.6
279 4.7 3.8 5.6



#87
Chrysene
Concen: 40.720 ng/ul
RT: 21.568 min Scan# 3125
Delta R.T. -0.018 min
Lab File: BP016151.D
Acq: 10 Jul 2023 10:44

Tgt Ion:228 Resp: 2756763
Ion Ratio Lower Upper
228 100
226 29.6 24.3 36.5
229 19.5 15.5 23.3





#89

Di-n-octyl phthalate

Concen: 38.908 ng/ul

RT: 22.333 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP016151.D

Acq: 10 Jul 2023 10:44

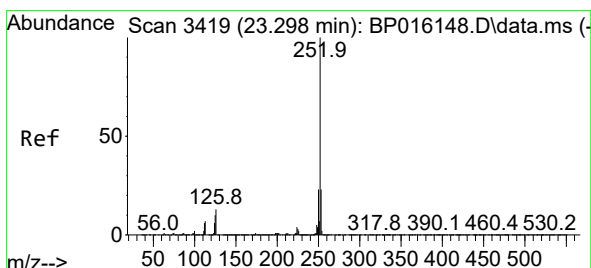
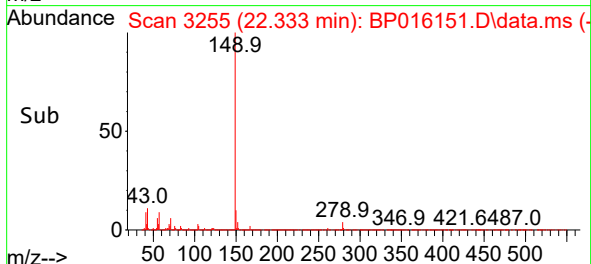
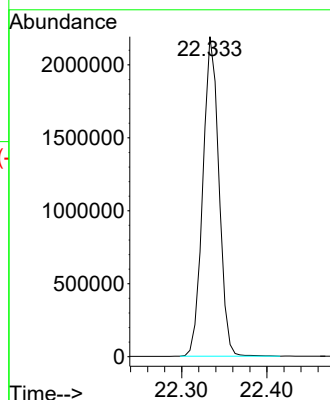
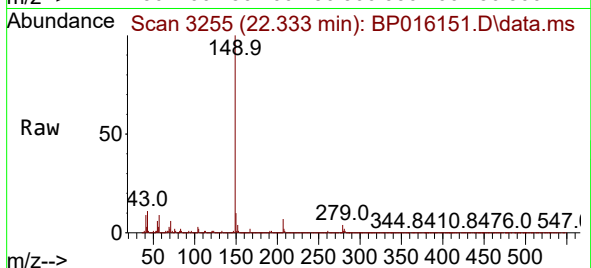
Instrument :

BNA_P

ClientSampleId :

YBW38MSD

Tgt Ion:149 Resp: 2873017



#90

Benzo(b)fluoranthene

Concen: 40.188 ng/ul

RT: 23.280 min Scan# 3416

Delta R.T. -0.018 min

Lab File: BP016151.D

Acq: 10 Jul 2023 10:44

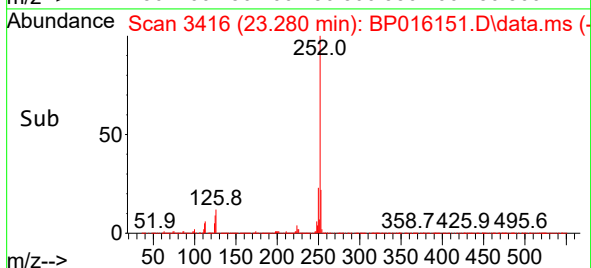
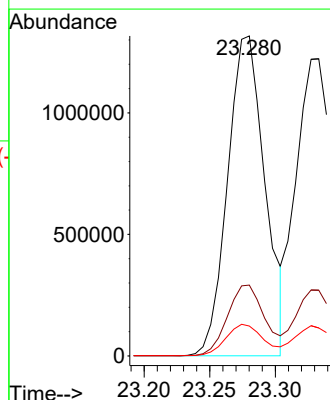
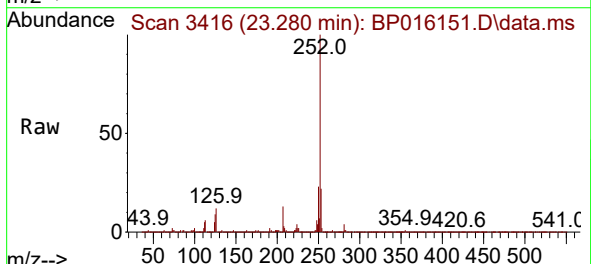
Tgt Ion:252 Resp: 2609139

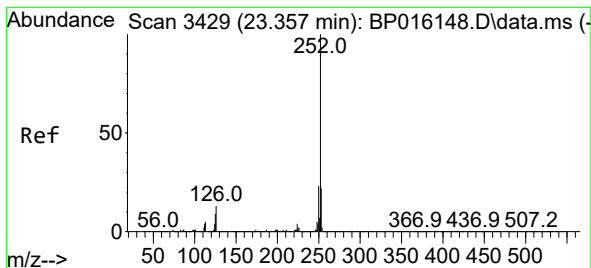
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 9.4 7.5 11.3





#91

Benzo(k)fluoranthene

Concen: 40.477 ng/ul

RT: 23.333 min Scan# 34

Delta R.T. -0.024 min

Lab File: BP016151.D

Acq: 10 Jul 2023 10:44

Instrument :

BNA_P

ClientSampleId :

YBW38MSD

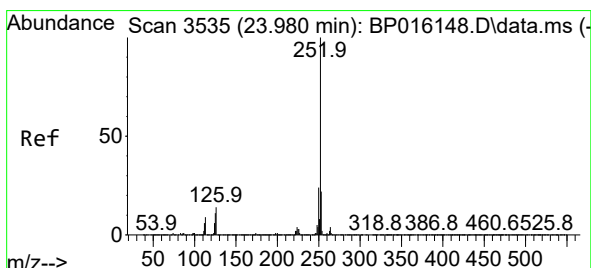
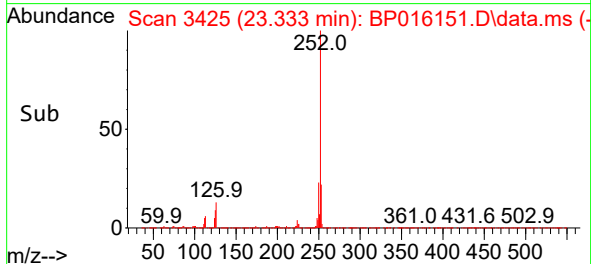
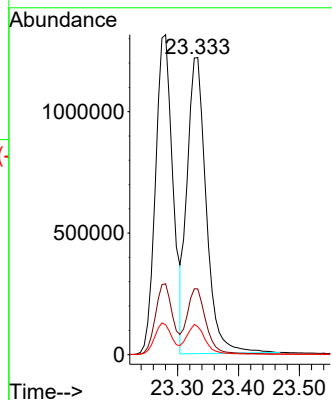
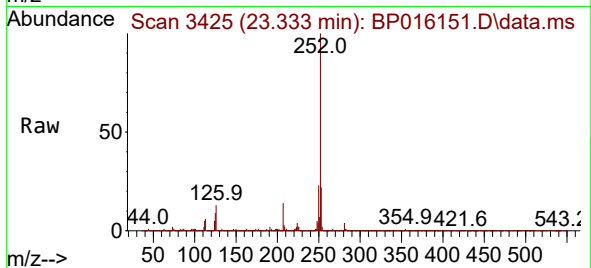
Tgt Ion:252 Resp: 2655122

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.4

125 9.4 7.3 10.9



#93

Benzo(a)pyrene

Concen: 40.172 ng/ul

RT: 23.957 min Scan# 3531

Delta R.T. -0.024 min

Lab File: BP016151.D

Acq: 10 Jul 2023 10:44

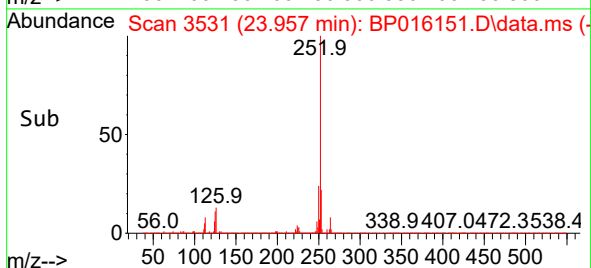
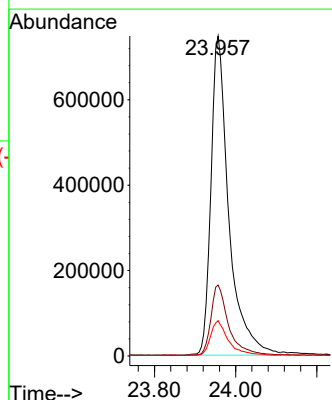
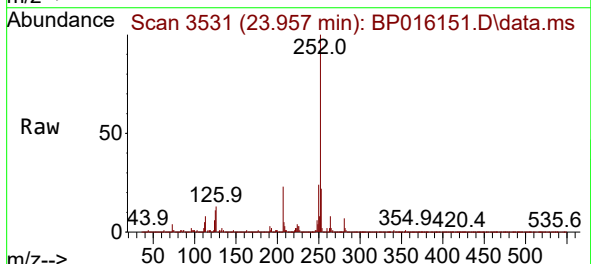
Tgt Ion:252 Resp: 2278911

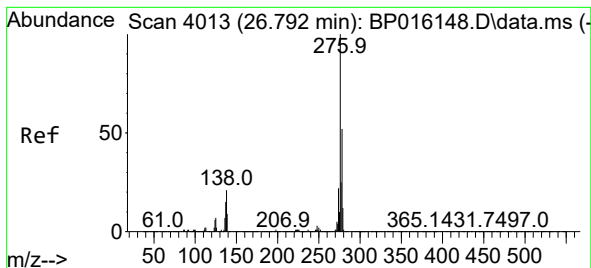
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 11.1 8.2 12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 37.108 ng/ul

RT: 26.756 min Scan# 4007

Delta R.T. -0.035 min

Lab File: BP016151.D

Acq: 10 Jul 2023 10:44

Instrument :

BNA_P

ClientSampleId :

YBW38MSD

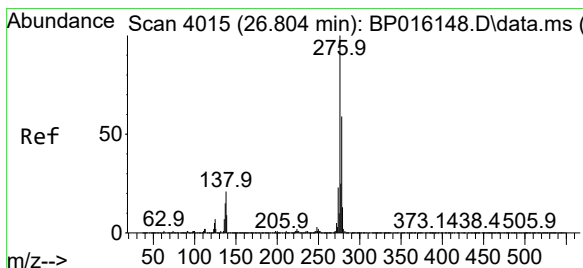
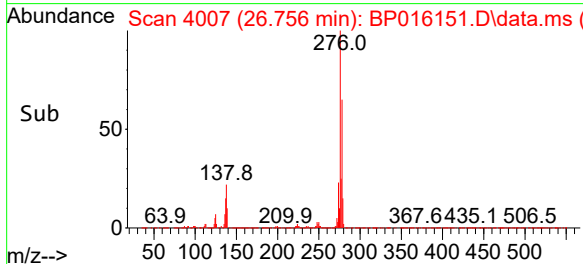
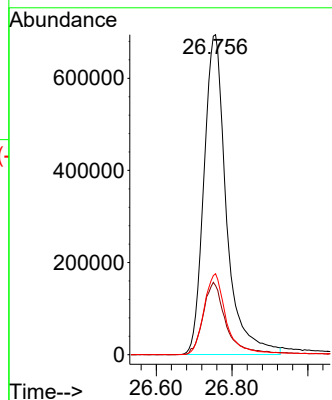
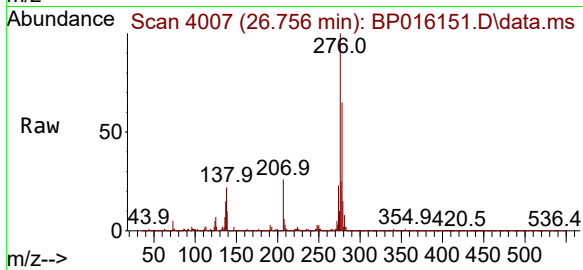
Tgt Ion:276 Resp: 2857760

Ion Ratio Lower Upper

276 100

138 21.6 15.7 23.5

277 25.3 19.6 29.4



#95

Dibenzo(a,h)anthracene

Concen: 36.996 ng/ul

RT: 26.751 min Scan# 4006

Delta R.T. -0.053 min

Lab File: BP016151.D

Acq: 10 Jul 2023 10:44

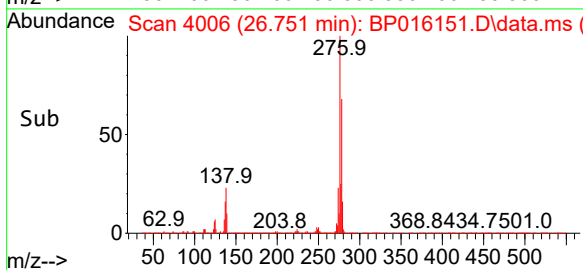
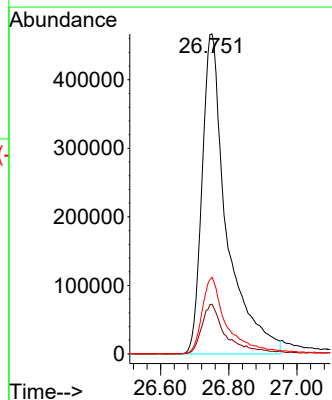
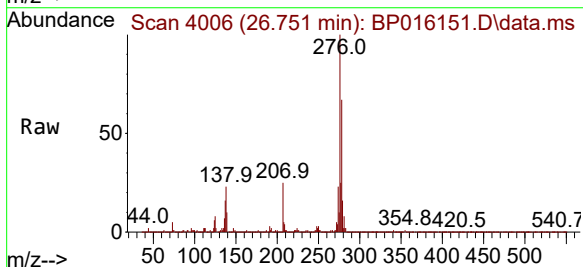
Tgt Ion:278 Resp: 2340169

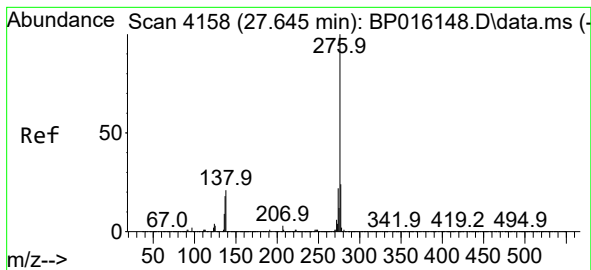
Ion Ratio Lower Upper

278 100

139 15.5 10.5 15.7

279 23.9 18.4 27.6





#96

Benzo(g,h,i)perylene

Concen: 36.564 ng/ul

RT: 27.598 min Scan# 41

Delta R.T. -0.047 min

Lab File: BP016151.D

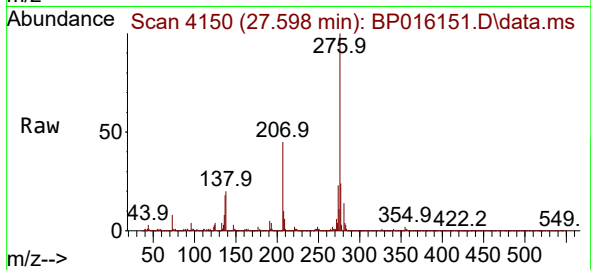
Acq: 10 Jul 2023 10:44

Instrument :

BNA_P

ClientSampleId :

YBW38MSD



Tgt Ion:276 Resp: 2316538

Ion Ratio Lower Upper

276 100

138 20.0 15.1 22.7

277 23.9 18.8 28.2

