

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032824\
 Data File : BP020019.D
 Acq On : 28 Mar 2024 20:56
 Operator : MA/JU
 Sample : P1856-02MS 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Mar 28 23:10:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 28 14:08:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	113652	20.000	ng/u1	0.00
20) Naphthalene-d8	10.363	136	475019	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.251	164	306647	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	623833	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	552652	20.000	ng/u1	0.00
88) Perylene-d12	24.839	264	628911	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	9291	3.582	ng/uL	0.00
4) Pyridine-d5	3.640	84	63506	8.108	ng/u1	0.00
7) Phenol-d5	6.804	99	97529	10.175	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.963	67	311151	49.825	ng/u1	0.00
11) 2-Chlorophenol-d4	7.151	132	248936	36.163	ng/u1	0.00
15) 4-Methylphenol-d8	8.316	113	180094	24.285	ng/u1	0.01
21) Nitrobenzene-d5	8.763	128	178111	48.919	ng/u1	0.00
24) 2-Nitrophenol-d4	9.469	143	194079	47.642	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.998	165	323992	43.549	ng/u1	0.00
31) 4-Chloroaniline-d4	10.516	131	69326	7.148	ng/u1	0.00
46) Dimethylphthalate-d6	13.651	166	1069362	49.738	ng/u1	0.00
49) Acenaphthylene-d8	13.939	160	1233989	49.133	ng/u1	0.00
54) 4-Nitrophenol-d4	14.486	143	27039	8.000	ng/u1	0.00
60) Fluorene-d10	15.257	176	916392	50.036	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.422	200	187084	50.100	ng/u1	0.00
73) Anthracene-d10	17.169	188	1414836	51.235	ng/u1	0.00
81) Pyrene-d10	19.568	212	1588793	48.999	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.615	264	1611519	53.337	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.275	88	20197	6.823	ng/uL#	1
5) Pyridine	3.658	79	120981	15.154	ng/u1	99
6) Benzaldehyde	6.793	77	278242	58.703	ng/u1	99
8) Phenol	6.834	94	100346	10.013	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.057	93	369156	45.486	ng/u1	99
12) 2-Chlorophenol	7.187	128	247278	34.086	ng/u1	96
13) 2-Methylphenol	8.051	108	196568	27.210	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.122	45	530561	47.543	ng/u1	99
16) Acetophenone	8.434	105	594207	49.675	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.416	70	325523	48.791	ng/u1	98
18) 4-Methylphenol	8.381	108	182142	23.425	ng/u1	99
19) Hexachloroethane	8.657	117	142702	42.351	ng/u1	98
22) Nitrobenzene	8.804	77	486644	46.924	ng/u1	98
23) Isophorone	9.322	82	899128	46.511	ng/u1	98
25) 2-Nitrophenol	9.498	139	187471	44.145	ng/u1	95
26) 2,4-Dimethylphenol	9.557	107	290655	31.353	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.793	93	526852	46.608	ng/u1	100
29) 2,4-Dichlorophenol	10.022	162	299012	41.084	ng/u1	98
30) Naphthalene	10.410	128	1075469	44.132	ng/u1	99
32) 4-Chloroaniline	10.540	127	351253	36.904	ng/u1	99
33) Hexachlorobutadiene	10.675	225	246385	42.958	ng/u1	99
34) Caprolactam	11.357	113	15027	6.642	ng/u1	88
35) 4-Chloro-3-methylphenol	11.663	107	313631	38.793	ng/u1	98
36) 2-Methylnaphthalene	12.022	142	742163	45.741	ng/u1	100

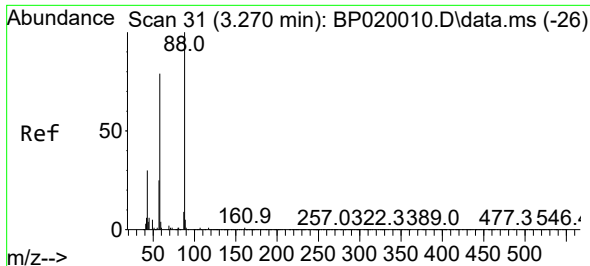
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032824\
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 28 14:08:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.251	142	744305	45.867	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.392	216	455814	44.959	ng/ul	99
40) Hexachlorocyclopentadiene	12.357	237	219396	38.242	ng/ul	99
41) 2,4,6-Trichlorophenol	12.657	196	279051	44.803	ng/ul	100
42) 2,4,5-Trichlorophenol	12.728	196	289320	44.912	ng/ul	100
43) 1,1'-Biphenyl	13.063	154	1007488	45.368	ng/ul	99
44) 2-Chloronaphthalene	13.110	162	820445	45.814	ng/ul	99
45) 2-Nitroaniline	13.328	65	287900	51.037	ng/ul	99
47) Dimethylphthalate	13.698	163	1027169	47.332	ng/ul	99
48) 2,6-Dinitrotoluene	13.839	165	216198	49.068	ng/ul	98
50) Acenaphthylene	13.969	152	1278828	45.532	ng/ul	99
51) 3-Nitroaniline	14.169	138	187726	46.264	ng/ul	88
52) Acenaphthene	14.316	153	853785	45.760	ng/ul	99
53) 2,4-Dinitrophenol	14.392	184	112472	44.853	ng/ul	97
55) 4-Nitrophenol	14.504	109	27501	8.866	ng/ul	96
56) Dibenzofuran	14.657	168	1170060	46.175	ng/ul	95
57) 2,4-Dinitrotoluene	14.657	165	301898	50.116	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.880	232	260109	47.083	ng/ul	99
59) Diethylphthalate	15.104	149	1038480	48.256	ng/ul	98
61) Fluorene	15.316	166	969821	46.926	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.322	204	527835	47.682	ng/ul	99
63) 4-Nitroaniline	15.375	138	183432	52.931	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.433	198	184669	46.598	ng/ul	98
67) N-Nitrosodiphenylamine	15.539	169	809134	46.957	ng/ul	99
68) 4-Bromophenyl-phenylether	16.239	248	324348	47.906	ng/ul	98
69) Hexachlorobenzene	16.339	284	359789	47.857	ng/ul	98
70) Atrazine	16.539	200	316814	47.988	ng/ul	97
71) Pentachlorophenol	16.710	266	206506	46.858	ng/ul	99
72) Phenanthrene	17.110	178	1503015	46.600	ng/ul	100
74) Anthracene	17.204	178	1533195	46.816	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.022	216	460456	45.271	ng/ul	99
76) Pentachlorobenzene	14.569	250	433845	46.058	ng/ul	98
77) Carbazole	17.498	167	1317577	47.049	ng/ul	99
78) Di-n-butylphthalate	18.098	149	1754892	50.188	ng/ul	99
80) Fluoranthene	19.216	202	1776093	46.634	ng/ul	98
82) Pyrene	19.598	202	1818409	45.939	ng/ul	99
83) Butylbenzylphthalate	20.574	149	735354	45.750	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.462	252	476557	40.548	ng/ul	98
85) Benzo(a)anthracene	21.533	228	1815595	47.473	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.480	149	1092329	46.509	ng/ul	98
87) Chrysene	21.598	228	1673289	47.060	ng/ul	97
89) Di-n-octyl phthalate	22.751	149	1862745	46.700	ng/ul	100
90) Benzo(b)fluoranthene	23.798	252	1847684	50.110	ng/ul	99
91) Benzo(k)fluoranthene	23.868	252	1824451	48.690	ng/ul	99
93) Benzo(a)pyrene	24.686	252	1767499	49.556	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.568	276	1767126	39.337	ng/ul	98
95) Dibenzo(a,h)anthracene	28.644	278	924098	25.289	ng/ul	98
96) Benzo(g,h,i)perylene	29.721	276	1767321	48.705	ng/ul	97

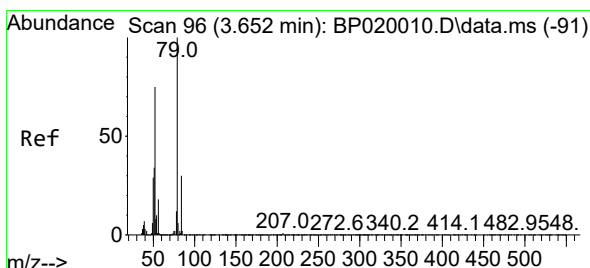
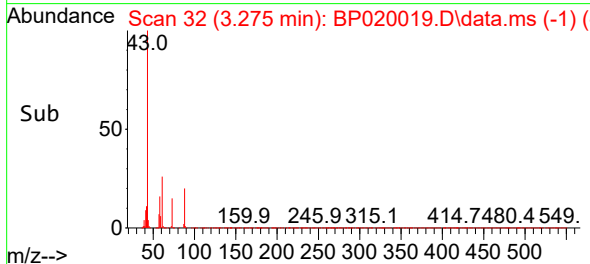
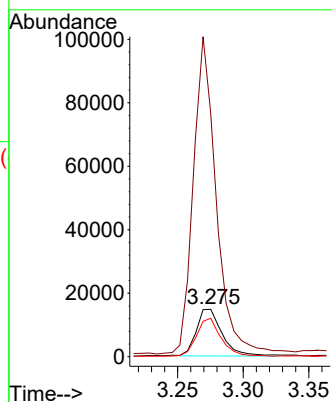
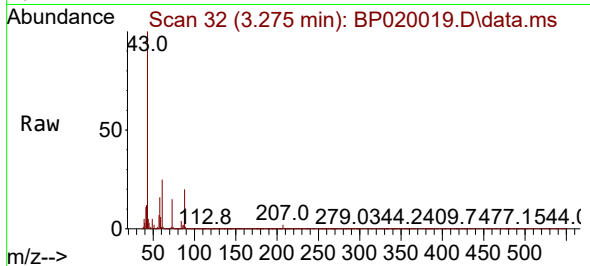
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#2
1,4-Dioxane
Concen: 6.823 ng/uL
RT: 3.275 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP020019.D
Acq: 28 Mar 2024 20:56

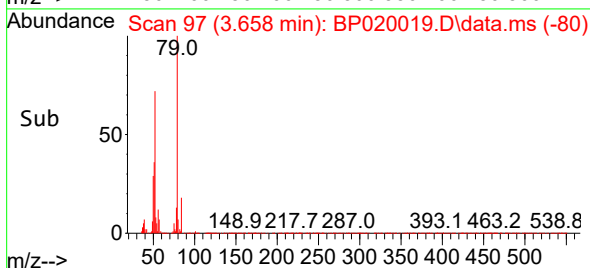
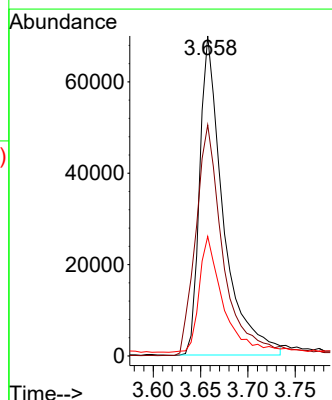
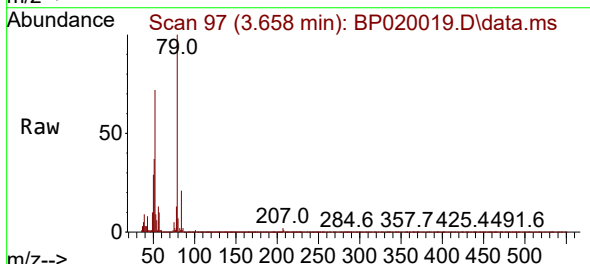
Instrument :
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ClientSampleId :

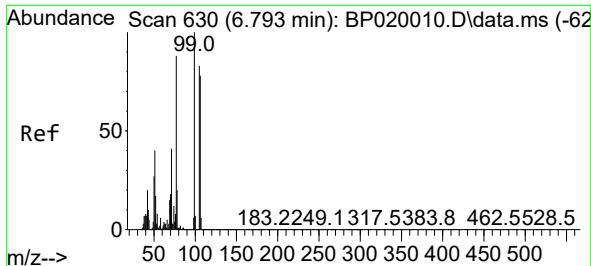
Tgt Ion: 88 Resp: 20197
Ion Ratio Lower Upper
88 100
43 512.3 23.3 34.9#
58 80.9 58.3 87.5



#5
Pyridine
Concen: 15.154 ng/uL
RT: 3.658 min Scan# 97
Delta R.T. -0.000 min
Lab File: BP020019.D
Acq: 28 Mar 2024 20:56

Tgt Ion: 79 Resp: 120981
Ion Ratio Lower Upper
79 100
52 72.2 57.9 86.9
51 37.4 28.2 42.2

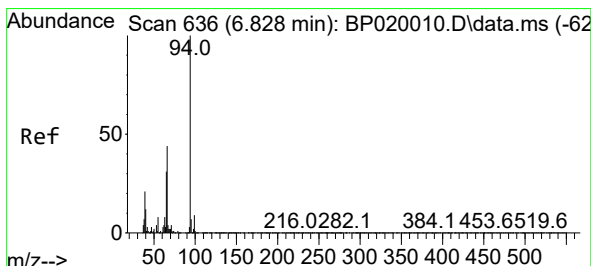
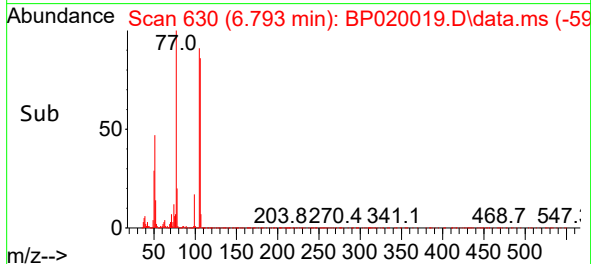
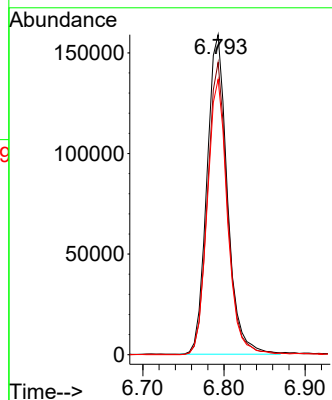
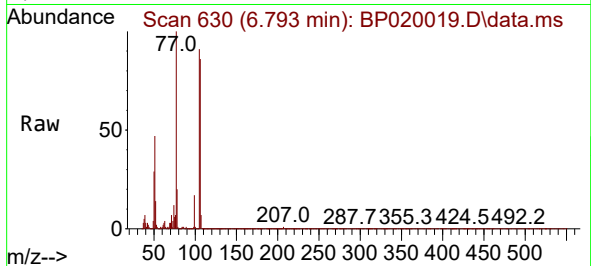




#6
Benzaldehyde
Concen: 58.703 ng/ul
RT: 6.793 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP020019.D
Acq: 28 Mar 2024 20:56

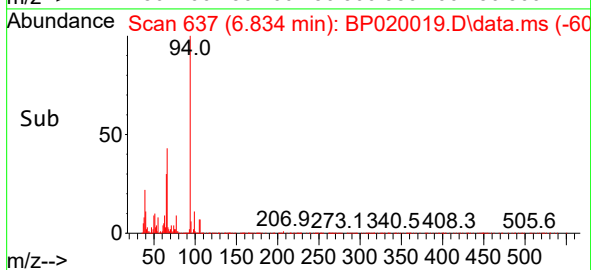
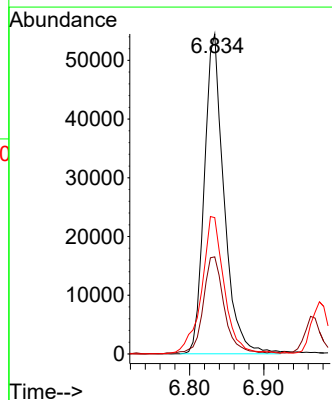
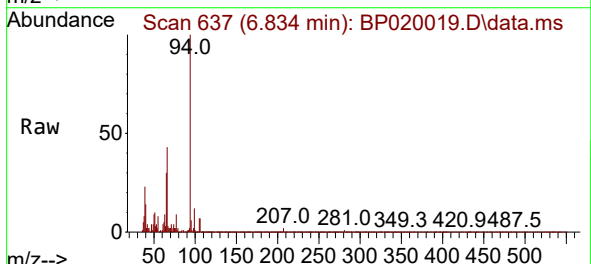
Instrument :
BNA_P
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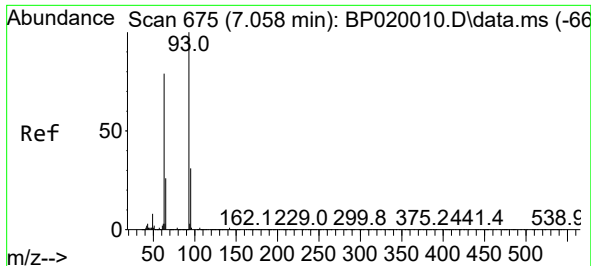
Tgt Ion: 77 Resp: 278242
Ion Ratio Lower Upper
77 100
105 91.3 72.2 108.4
106 86.0 69.1 103.7



#8
Phenol
Concen: 10.013 ng/ul
RT: 6.834 min Scan# 637
Delta R.T. 0.006 min
Lab File: BP020019.D
Acq: 28 Mar 2024 20:56

Tgt Ion: 94 Resp: 100346
Ion Ratio Lower Upper
94 100
65 30.4 23.8 35.8
66 42.6 33.2 49.8

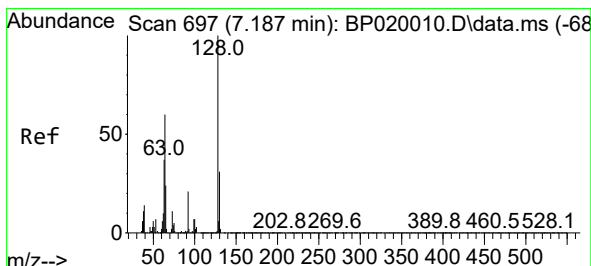
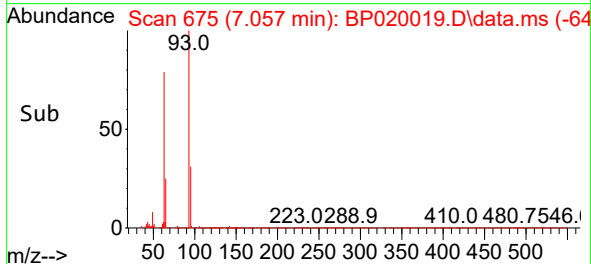
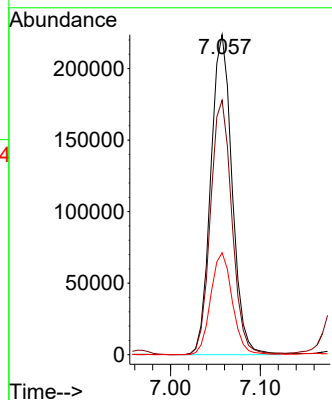
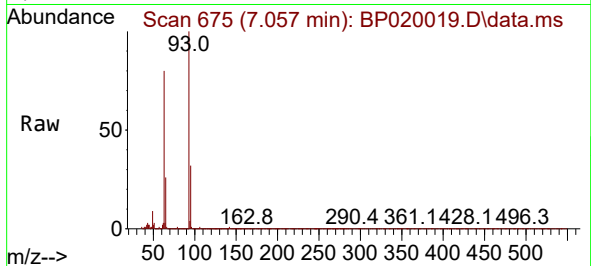




#10
Bis(2-Chloroethyl)ether
Concen: 45.486 ng/ul
RT: 7.057 min Scan# 610
Delta R.T. -0.000 min
Lab File: BP020019.D
Acq: 28 Mar 2024 20:56

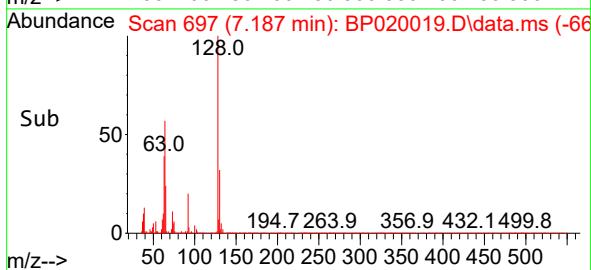
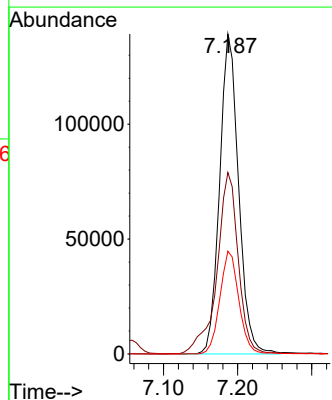
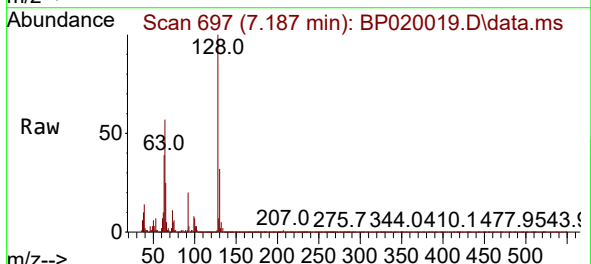
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ClientSampleId :

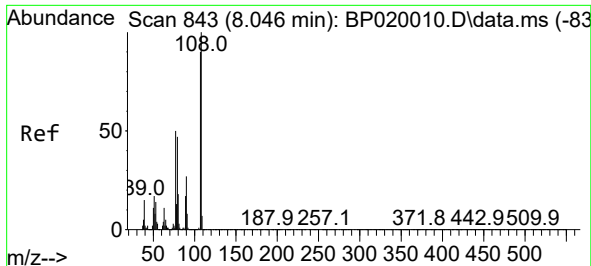
Tgt Ion: 93 Resp: 369156
Ion Ratio Lower Upper
93 100
63 79.5 63.5 95.3
95 31.9 24.9 37.3



#12
2-Chlorophenol
Concen: 34.086 ng/ul
RT: 7.187 min Scan# 697
Delta R.T. -0.000 min
Lab File: BP020019.D
Acq: 28 Mar 2024 20:56

Tgt Ion:128 Resp: 247278
Ion Ratio Lower Upper
128 100
64 56.7 42.5 63.7
130 32.1 25.0 37.4





#13

2-Methylphenol

Concen: 27.210 ng/ul

RT: 8.051 min Scan# 84

Delta R.T. -0.006 min

Lab File: BP020019.D

Acq: 28 Mar 2024 20:56

Instrument :

BNA_P

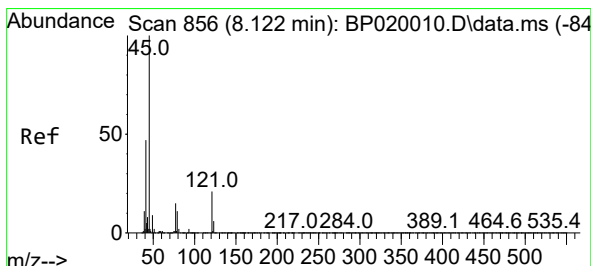
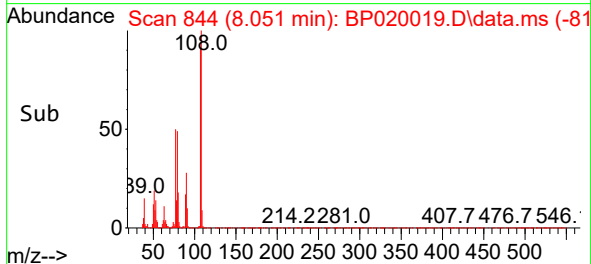
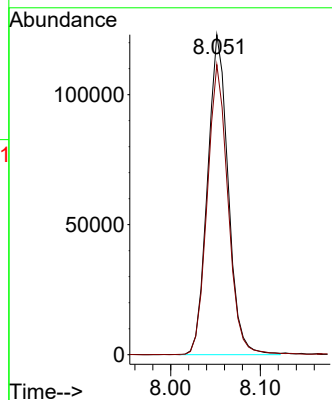
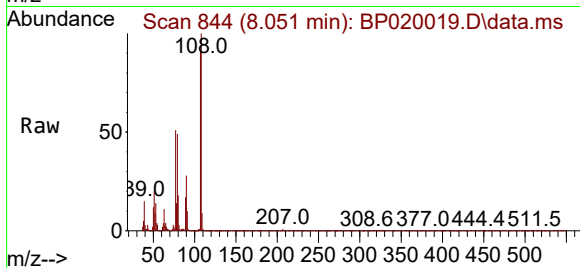
ClientSampleId :

Tgt Ion:108 Resp: 196568

Ion Ratio Lower Upper

108 100

107 90.7 72.3 108.5



#14

2,2'-oxybis(1-Chloropropane)

Concen: 47.543 ng/ul

RT: 8.122 min Scan# 856

Delta R.T. -0.012 min

Lab File: BP020019.D

Acq: 28 Mar 2024 20:56

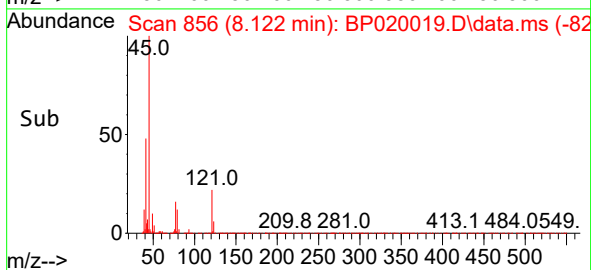
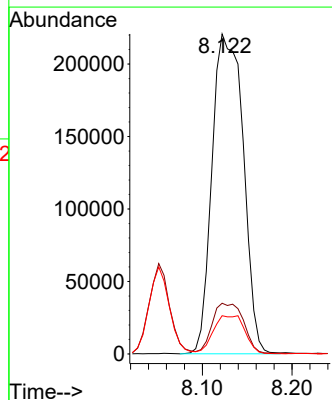
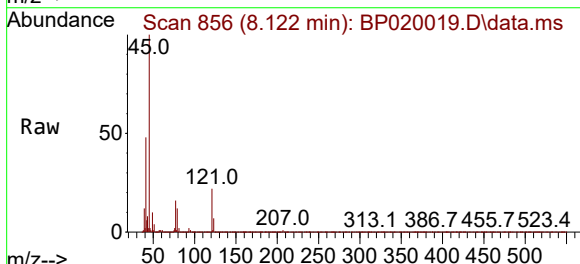
Tgt Ion: 45 Resp: 530561

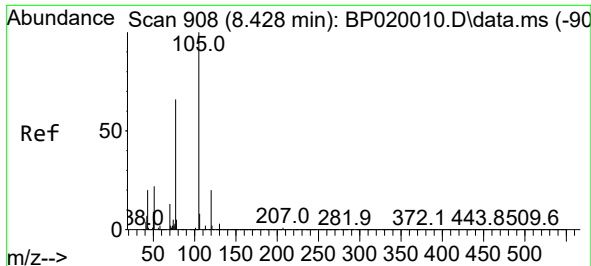
Ion Ratio Lower Upper

45 100

77 15.9 12.3 18.5

79 11.9 9.4 14.0

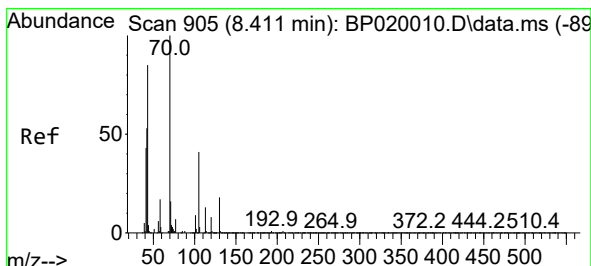
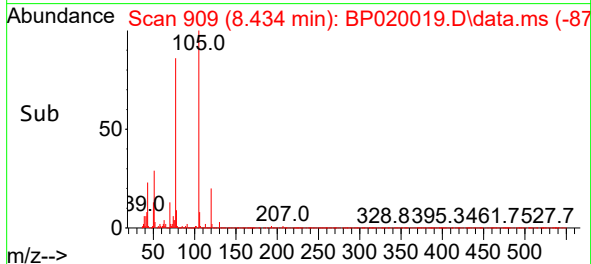
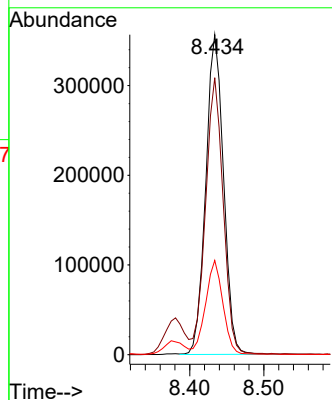
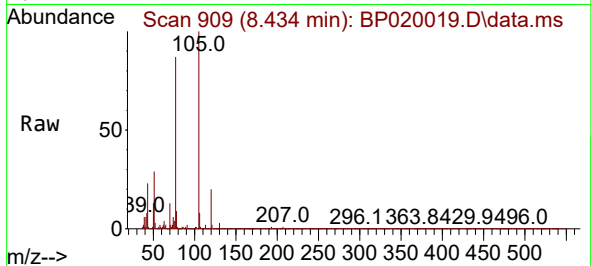




#16
Acetophenone
Concen: 49.675 ng/ul
RT: 8.434 min Scan# 908
Delta R.T. -0.000 min
Lab File: BP020019.D
Acq: 28 Mar 2024 20:56

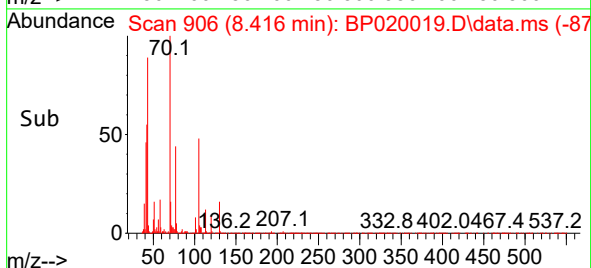
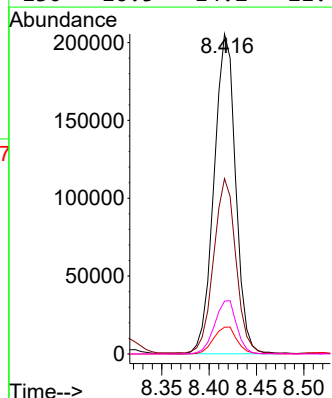
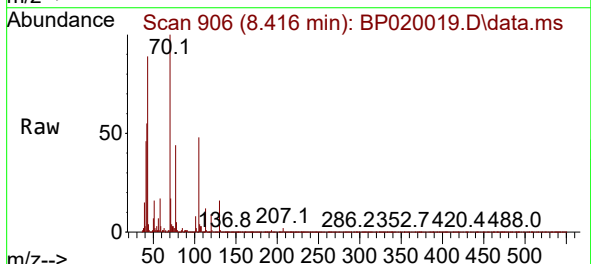
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BNA_P
ClientSampleId :

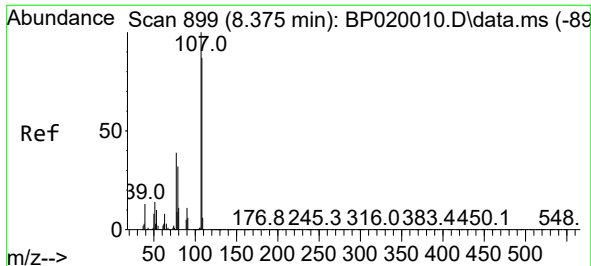
Tgt Ion:105 Resp: 594207
Ion Ratio Lower Upper
105 100
77 86.5 67.8 101.6
51 29.5 21.8 32.8



#17
N-Nitroso-di-n-propylamine
Concen: 48.791 ng/ul
RT: 8.416 min Scan# 906
Delta R.T. 0.006 min
Lab File: BP020019.D
Acq: 28 Mar 2024 20:56

Tgt Ion: 70 Resp: 325523
Ion Ratio Lower Upper
70 100
42 54.8 43.1 64.7
101 8.3 7.7 11.5
130 16.5 14.2 21.4

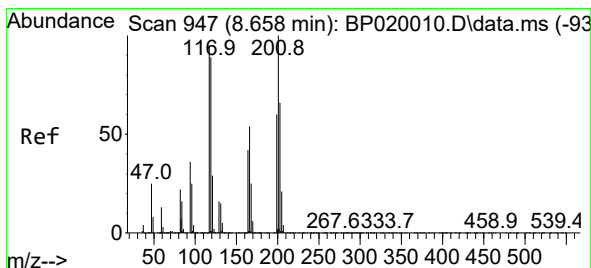
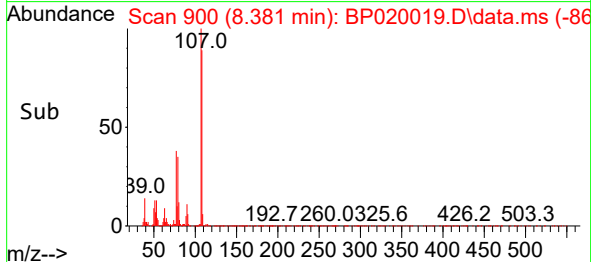
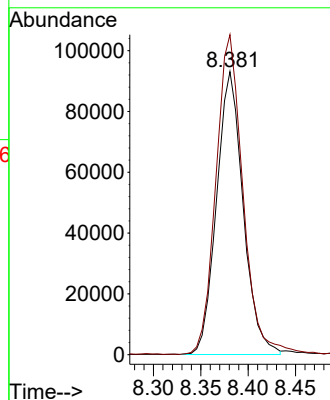
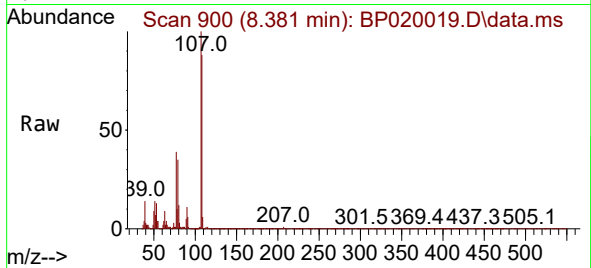




#18
4-Methylphenol
Concen: 23.425 ng/ul
RT: 8.381 min Scan# 900
Delta R.T. 0.005 min
Lab File: BP020019.D
Acq: 28 Mar 2024 20:56

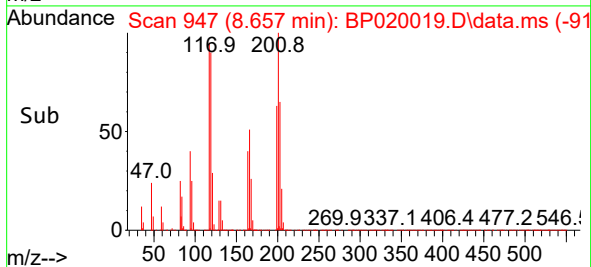
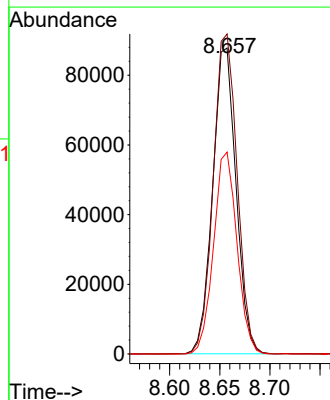
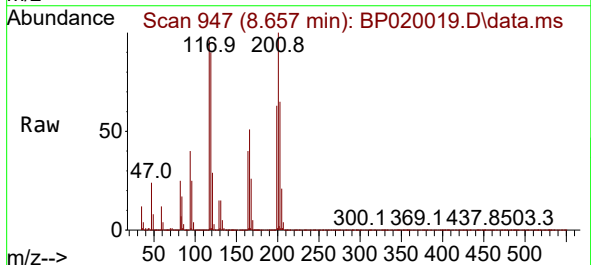
Instrument :
BNA_P
ClientSampleId :

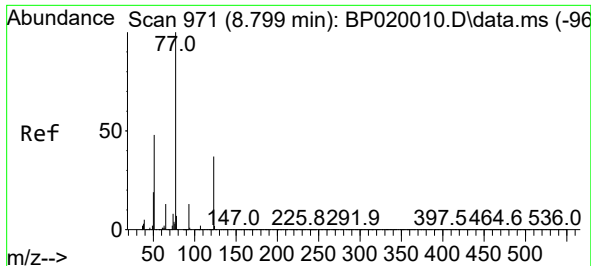
Tgt Ion:108 Resp: 182142
Ion Ratio Lower Upper
108 100
107 113.1 91.3 136.9



#19
Hexachloroethane
Concen: 42.351 ng/ul
RT: 8.657 min Scan# 947
Delta R.T. -0.000 min
Lab File: BP020019.D
Acq: 28 Mar 2024 20:56

Tgt Ion:117 Resp: 142702
Ion Ratio Lower Upper
117 100
201 104.6 82.1 123.1
199 66.0 53.8 80.8

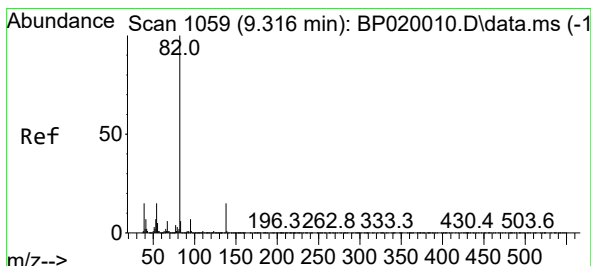
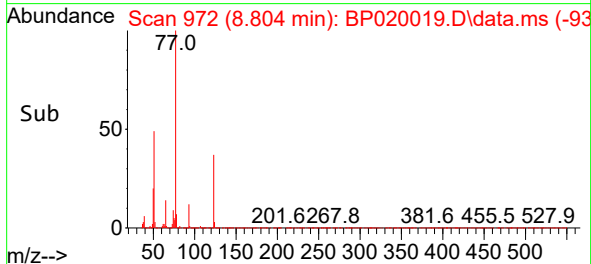
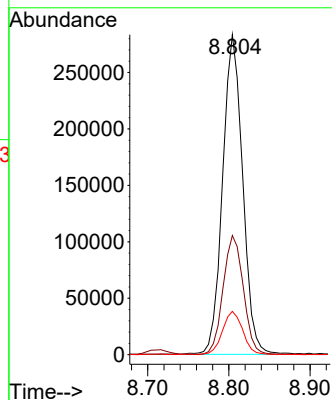
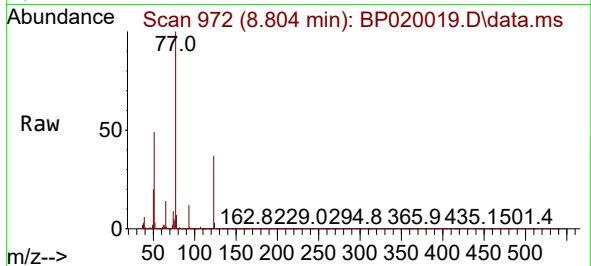




#22
Nitrobenzene
Concen: 46.924 ng/ul
RT: 8.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP020019.D
Acq: 28 Mar 2024 20:56

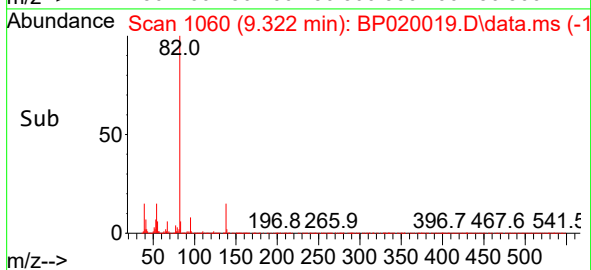
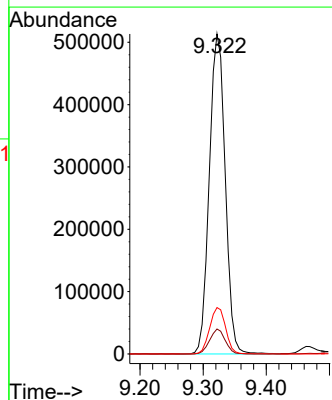
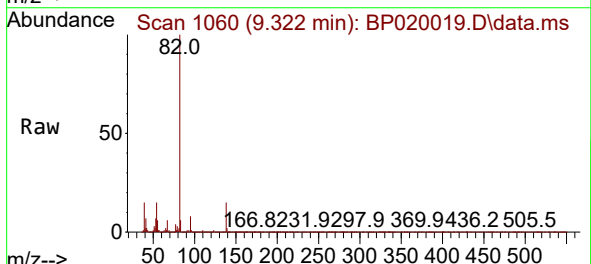
Instrument :
BNA_P
ClientSampleId :

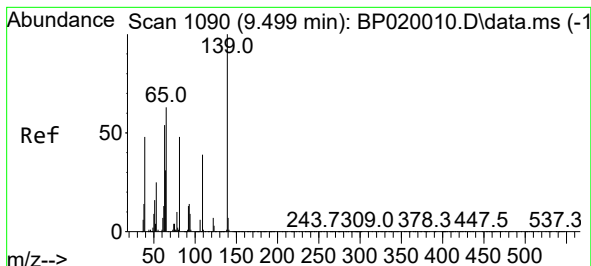
Tgt Ion: 77 Resp: 486644
Ion Ratio Lower Upper
77 100
123 37.2 30.6 46.0
65 13.5 11.4 17.0



#23
Isophorone
Concen: 46.511 ng/ul
RT: 9.322 min Scan# 1060
Delta R.T. -0.000 min
Lab File: BP020019.D
Acq: 28 Mar 2024 20:56

Tgt Ion: 82 Resp: 899128
Ion Ratio Lower Upper
82 100
95 7.8 5.6 8.4
138 14.5 12.1 18.1

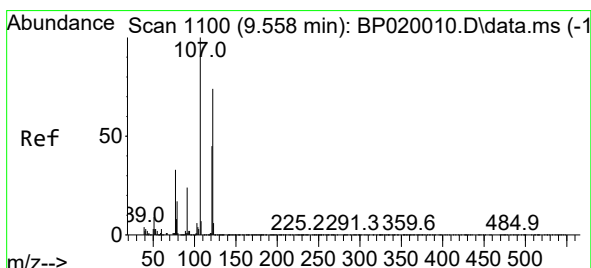
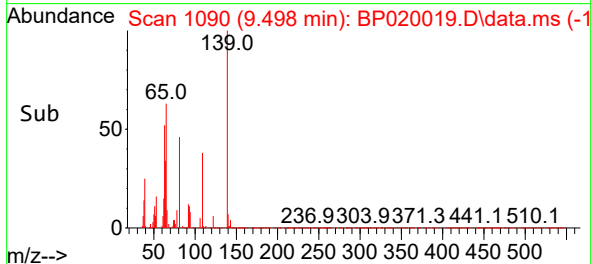
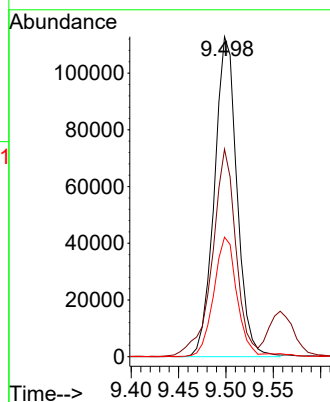
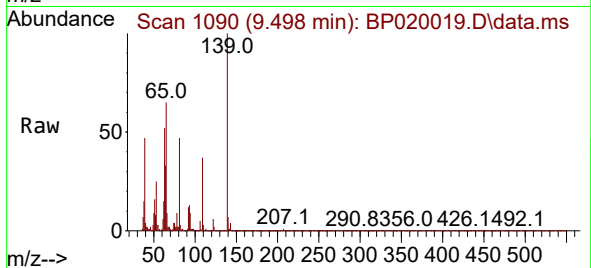




#25
2-Nitrophenol
Concen: 44.145 ng/ul
RT: 9.498 min Scan# 1090
Delta R.T. -0.006 min
Lab File: BP020019.D
Acq: 28 Mar 2024 20:56

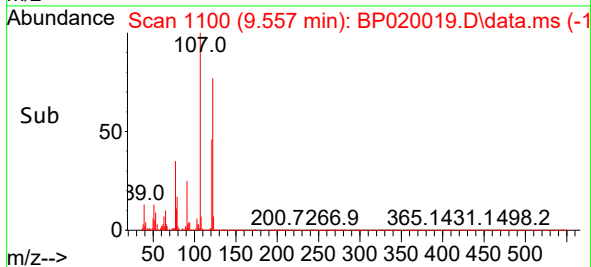
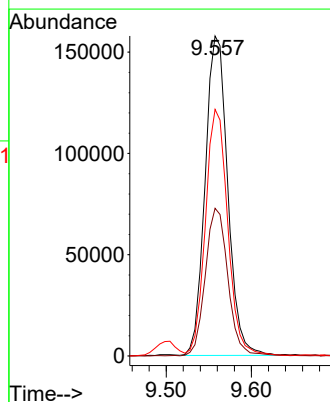
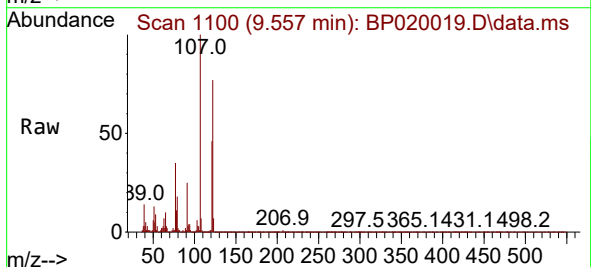
Instrument :
BNA_P
ClientSampleId :

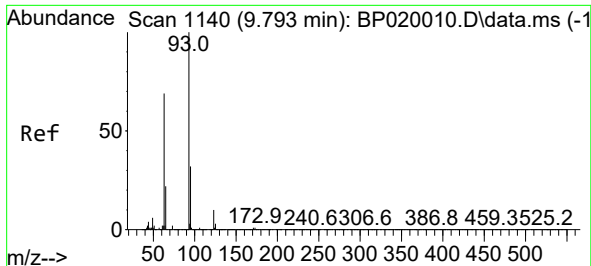
Tgt Ion:139 Resp: 187471
Ion Ratio Lower Upper
139 100
65 64.8 49.0 73.6
109 37.4 27.8 41.6



#26
2,4-Dimethylphenol
Concen: 31.353 ng/ul
RT: 9.557 min Scan# 1100
Delta R.T. -0.000 min
Lab File: BP020019.D
Acq: 28 Mar 2024 20:56

Tgt Ion:107 Resp: 290655
Ion Ratio Lower Upper
107 100
121 46.2 37.4 56.2
122 77.0 63.3 94.9

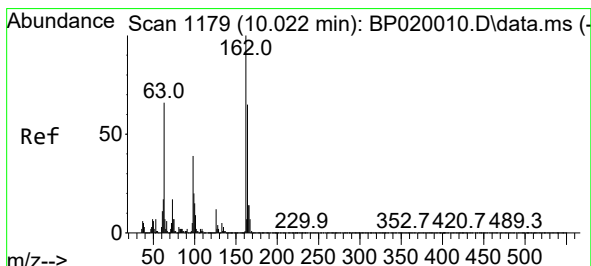
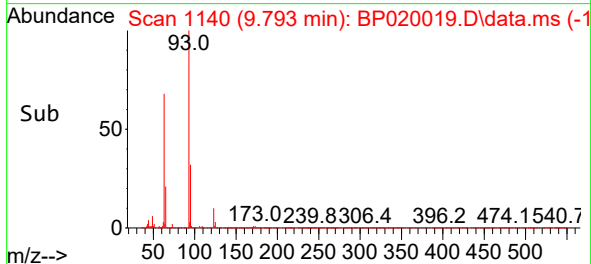
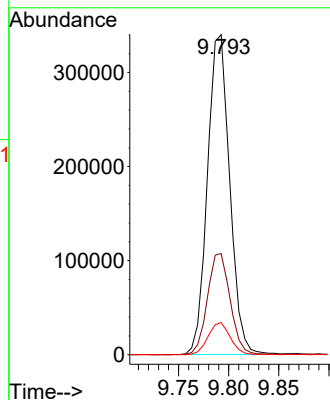
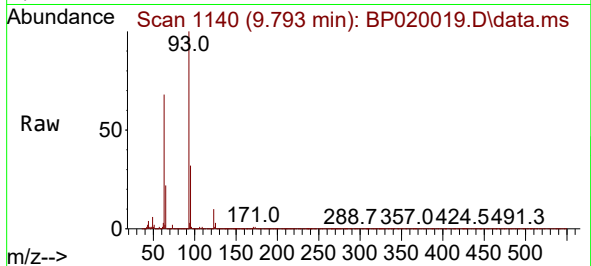




#27
 Bis(2-Chloroethoxy)methane
 Concen: 46.608 ng/ul
 RT: 9.793 min Scan# 1140
 Delta R.T. -0.006 min
 Lab File: BP020019.D
 Acq: 28 Mar 2024 20:56

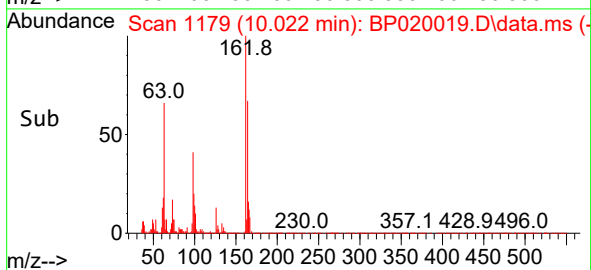
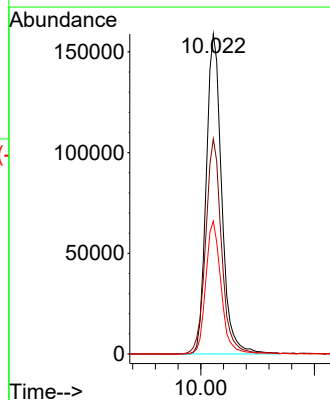
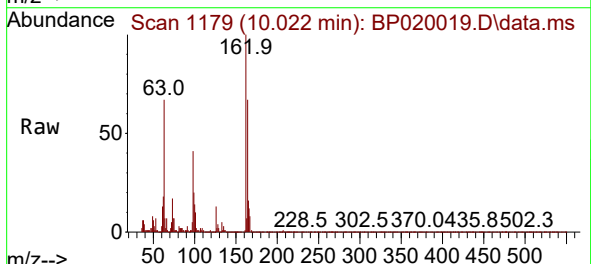
Instrument :
 BNA_P
 ClientSampleId :

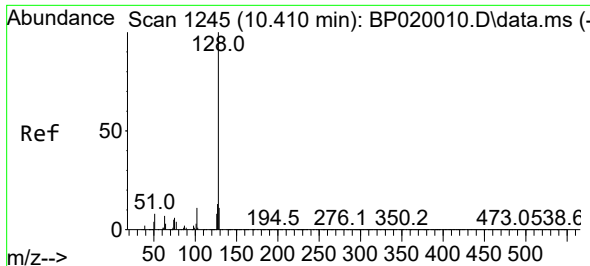
Tgt Ion: 93 Resp: 526852
 Ion Ratio Lower Upper
 93 100
 95 31.6 25.2 37.8
 123 10.0 7.9 11.9



#29
 2,4-Dichlorophenol
 Concen: 41.084 ng/ul
 RT: 10.022 min Scan# 1179
 Delta R.T. -0.006 min
 Lab File: BP020019.D
 Acq: 28 Mar 2024 20:56

Tgt Ion:162 Resp: 299012
 Ion Ratio Lower Upper
 162 100
 164 67.2 52.7 79.1
 98 41.5 32.4 48.6

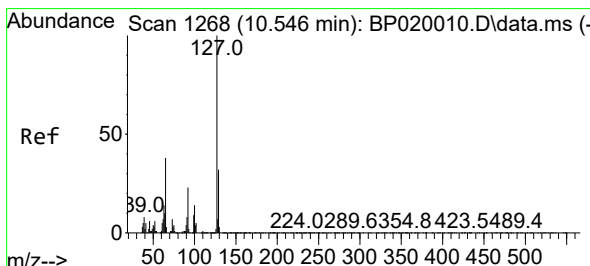
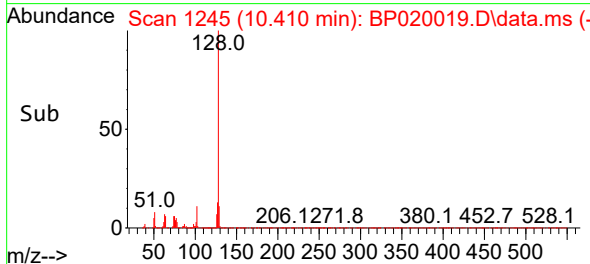
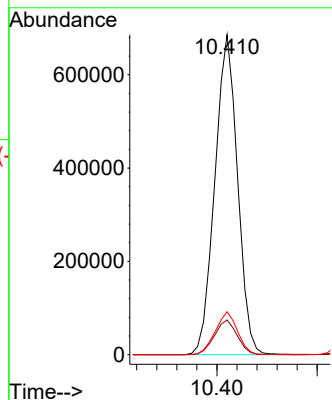
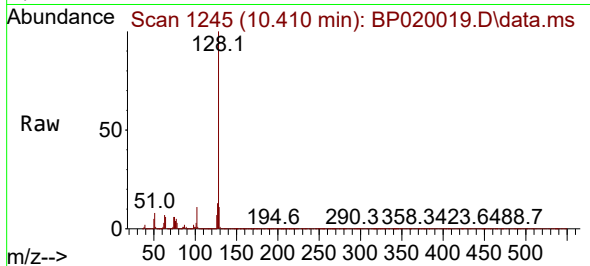




#30
Naphthalene
Concen: 44.132 ng/ul
RT: 10.410 min Scan# 1245
Delta R.T. -0.006 min
Lab File: BP020019.D
Acq: 28 Mar 2024 20:56

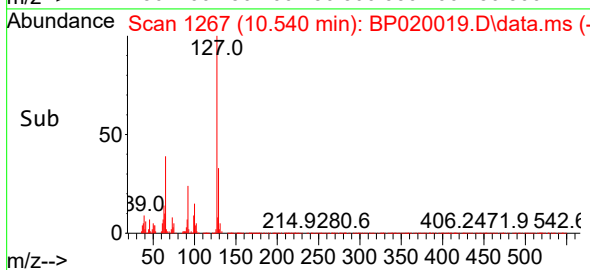
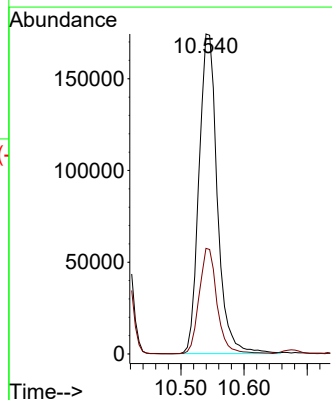
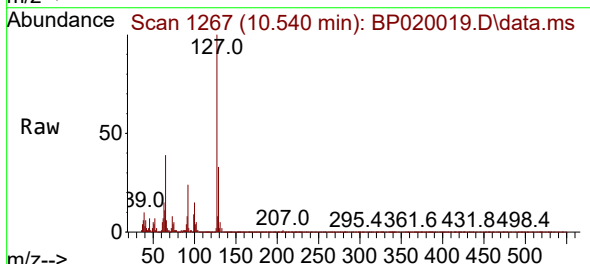
Instrument :
BNA_P
ClientSampleId :

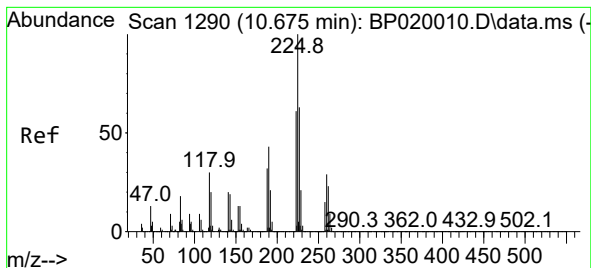
Tgt Ion:128 Resp: 1075469
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.5 10.3 15.5



#32
4-Chloroaniline
Concen: 36.904 ng/ul
RT: 10.540 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BP020019.D
Acq: 28 Mar 2024 20:56

Tgt Ion:127 Resp: 351253
Ion Ratio Lower Upper
127 100
129 33.0 26.2 39.2





#33

Hexachlorobutadiene

Concen: 42.958 ng/ul

RT: 10.675 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP020019.D

Acq: 28 Mar 2024 20:56

Instrument :

BNA_P

ClientSampleId :

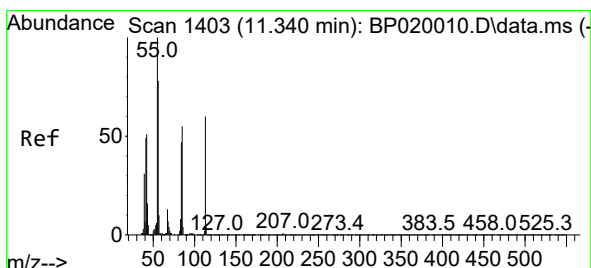
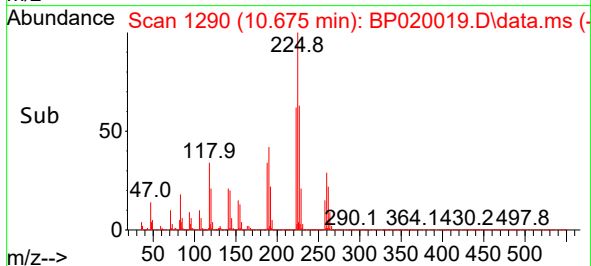
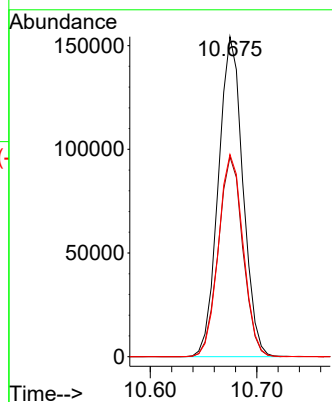
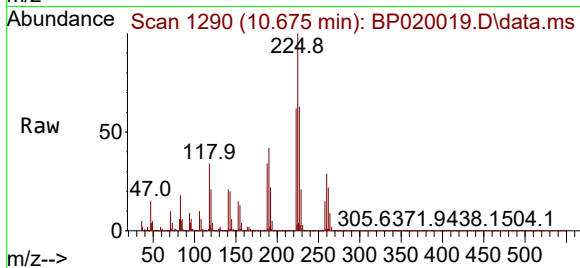
Tgt Ion:225 Resp: 246385

Ion Ratio Lower Upper

225 100

223 62.4 50.5 75.7

227 63.2 50.3 75.5



#34

Caprolactam

Concen: 6.642 ng/ul

RT: 11.357 min Scan# 1406

Delta R.T. 0.006 min

Lab File: BP020019.D

Acq: 28 Mar 2024 20:56

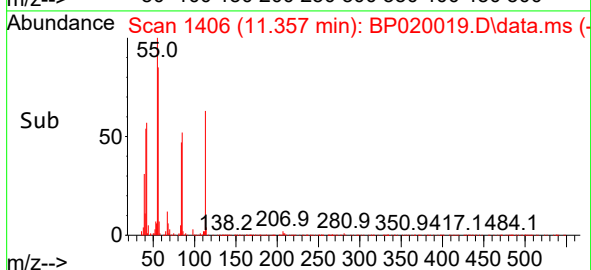
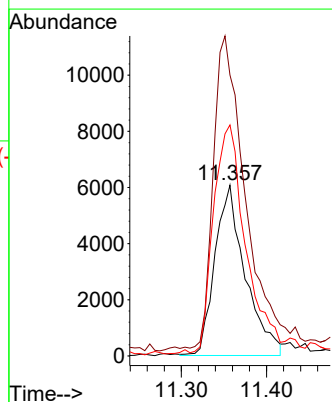
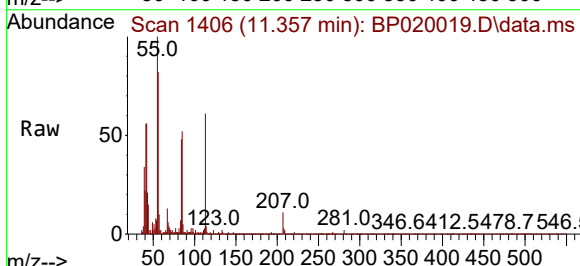
Tgt Ion:113 Resp: 15027

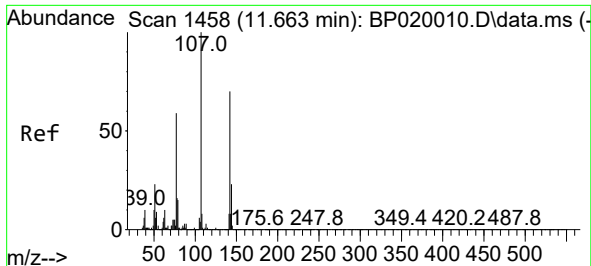
Ion Ratio Lower Upper

113 100

55 164.5 149.5 224.3

56 135.3 114.6 172.0

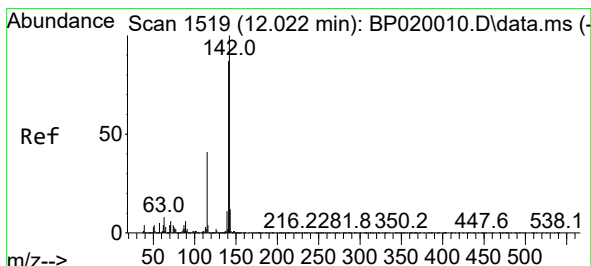
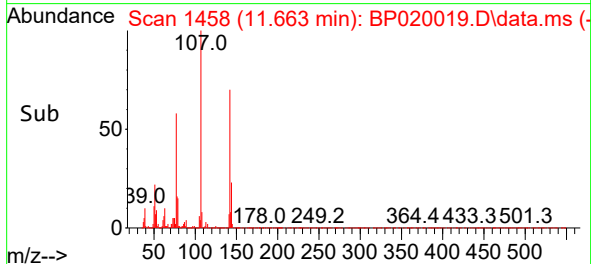
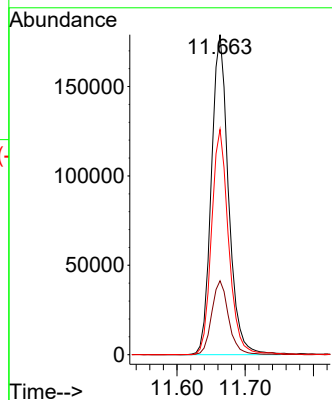
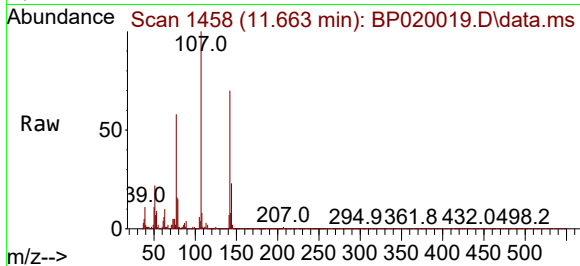




#35
4-Chloro-3-methylphenol
Concen: 38.793 ng/ul
RT: 11.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BP020019.D
Acq: 28 Mar 2024 20:56

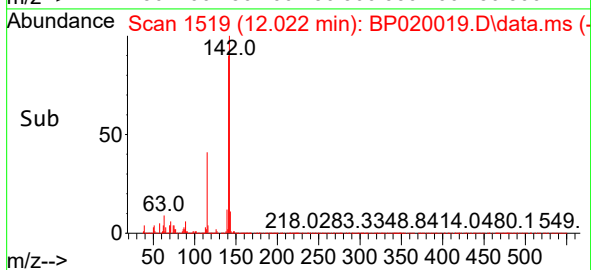
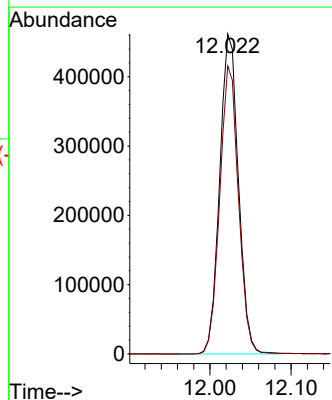
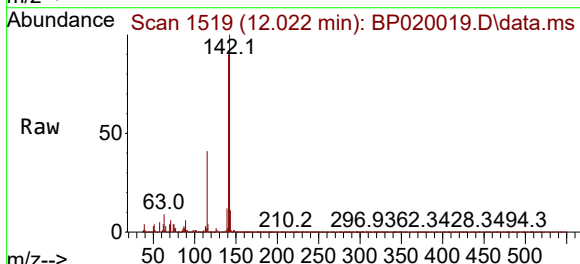
Instrument :
BNA_P
ClientSampleId :

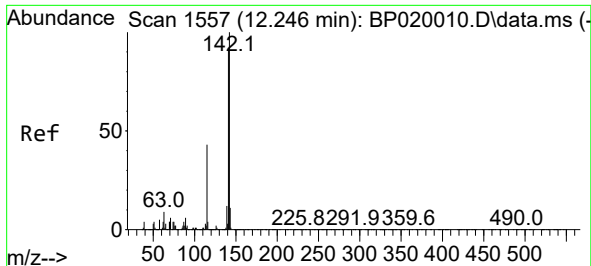
Tgt Ion:107 Resp: 313631
Ion Ratio Lower Upper
107 100
144 23.1 19.0 28.4
142 70.4 57.8 86.6



#36
2-Methylnaphthalene
Concen: 45.741 ng/ul
RT: 12.022 min Scan# 1519
Delta R.T. -0.006 min
Lab File: BP020019.D
Acq: 28 Mar 2024 20:56

Tgt Ion:142 Resp: 742163
Ion Ratio Lower Upper
142 100
141 90.0 71.8 107.8

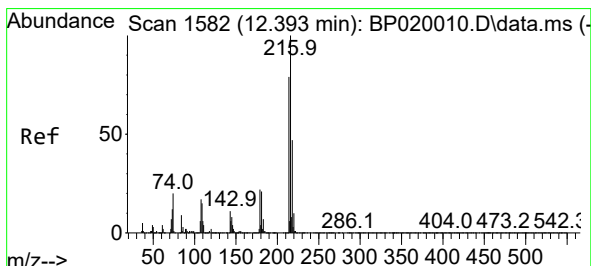
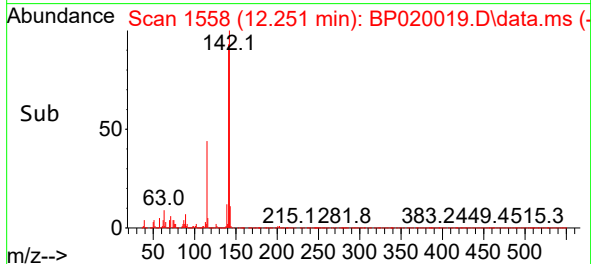
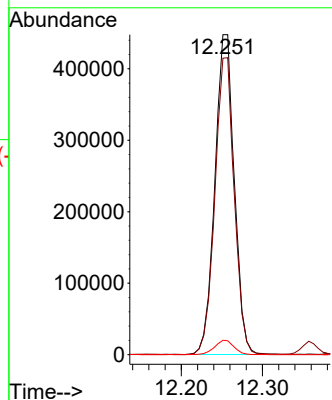
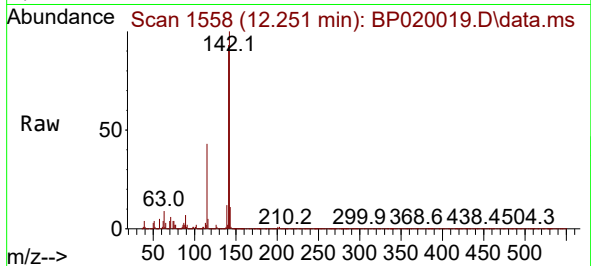




#37
1-Methylnaphthalene
Concen: 45.867 ng/ul
RT: 12.251 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BP020019.D
Acq: 28 Mar 2024 20:56

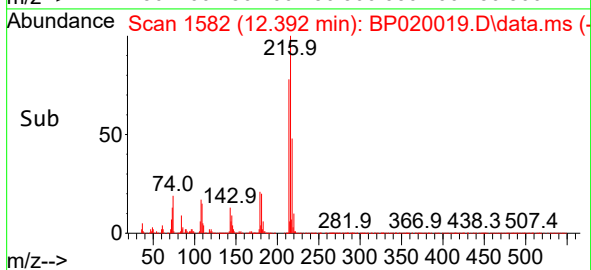
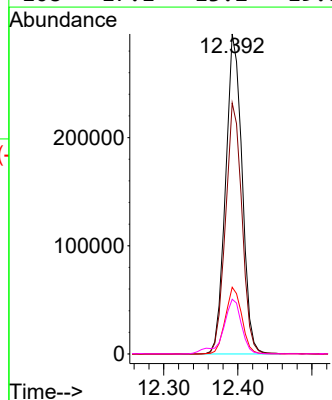
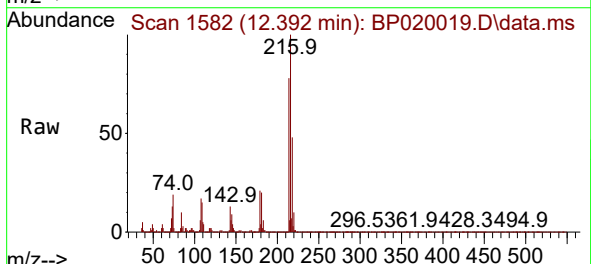
Instrument :
BNA_P
ClientSampleId :

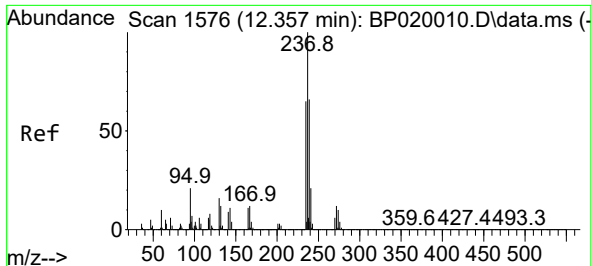
Tgt Ion:142 Resp: 744305
Ion Ratio Lower Upper
142 100
141 92.6 73.2 109.8
116 4.5 3.4 5.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 44.959 ng/ul
RT: 12.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BP020019.D
Acq: 28 Mar 2024 20:56

Tgt Ion:216 Resp: 455814
Ion Ratio Lower Upper
216 100
214 78.4 62.1 93.1
179 20.9 16.6 24.8
108 17.1 13.2 19.8

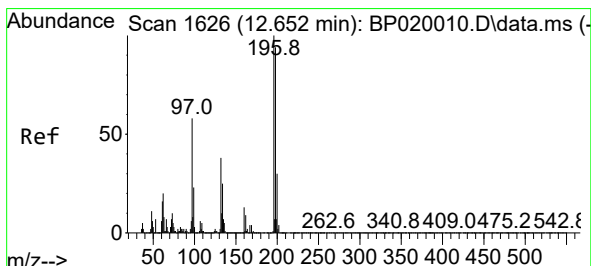
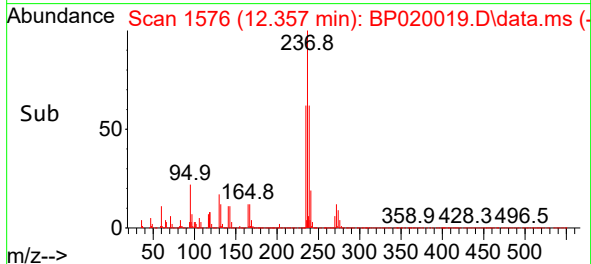
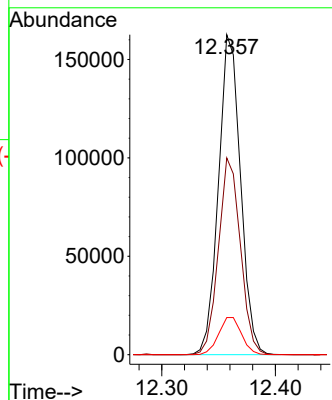
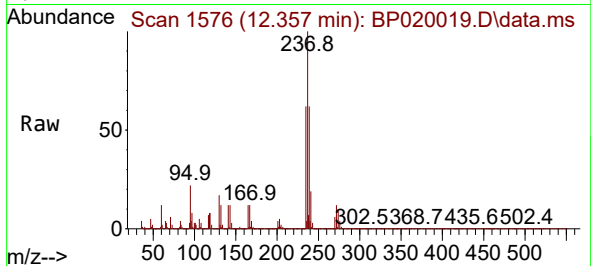




#40
Hexachlorocyclopentadiene
Concen: 38.242 ng/ul
RT: 12.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BP020019.D
Acq: 28 Mar 2024 20:56

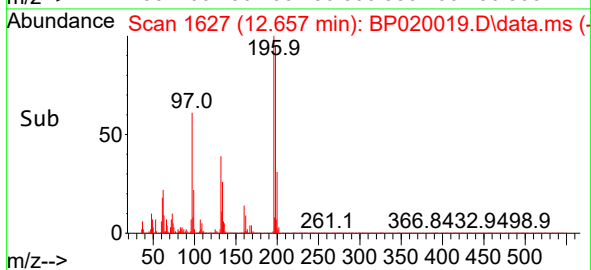
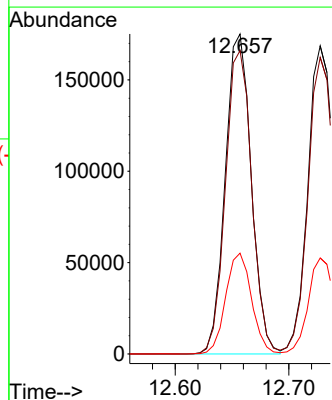
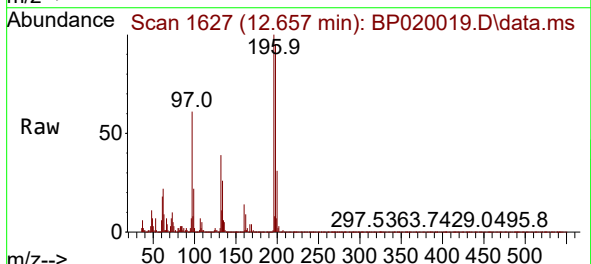
Instrument :
BNA_P
ClientSampleId :

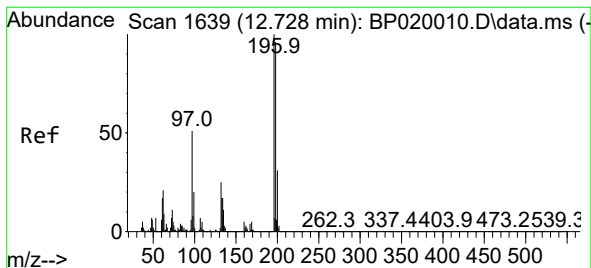
Tgt Ion:237 Resp: 219396
Ion Ratio Lower Upper
237 100
235 61.5 49.7 74.5
272 12.3 9.4 14.2



#41
2,4,6-Trichlorophenol
Concen: 44.803 ng/ul
RT: 12.657 min Scan# 1627
Delta R.T. -0.000 min
Lab File: BP020019.D
Acq: 28 Mar 2024 20:56

Tgt Ion:196 Resp: 279051
Ion Ratio Lower Upper
196 100
198 94.8 75.8 113.8
200 31.5 25.0 37.4





#42

2,4,5-Trichlorophenol

Concen: 44.912 ng/ul

RT: 12.728 min Scan# 1639

Delta R.T. -0.006 min

Lab File: BP020019.D

Acq: 28 Mar 2024 20:56

Instrument :

BNA_P

ClientSampleId :

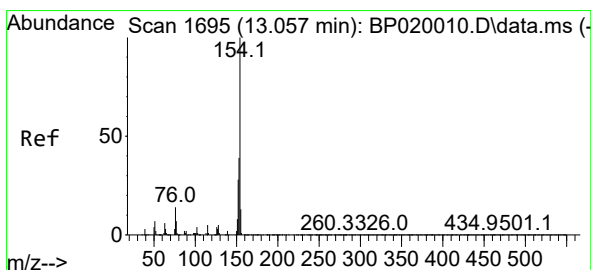
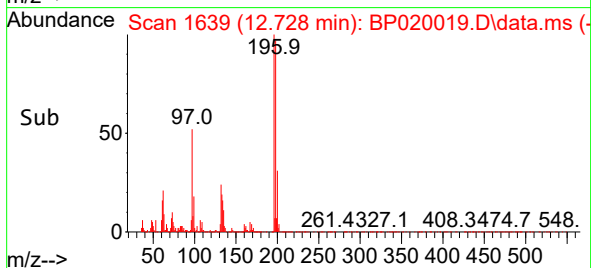
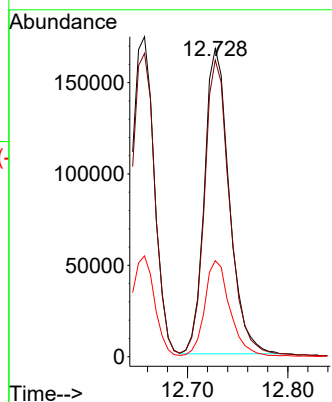
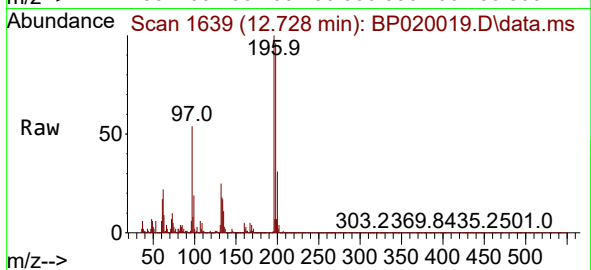
Tgt Ion:196 Resp: 289320

Ion Ratio Lower Upper

196 100

198 96.2 77.3 115.9

200 31.2 25.1 37.7



#43

1,1'-Biphenyl

Concen: 45.368 ng/ul

RT: 13.063 min Scan# 1696

Delta R.T. 0.006 min

Lab File: BP020019.D

Acq: 28 Mar 2024 20:56

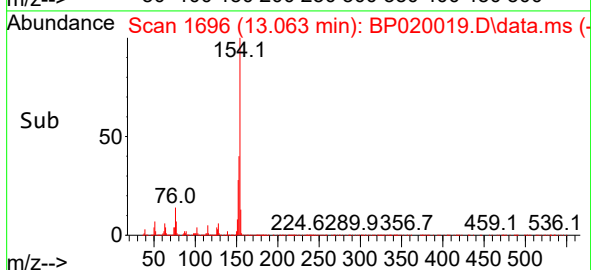
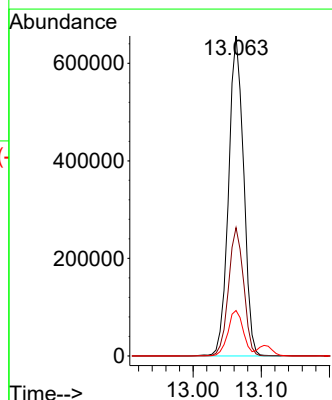
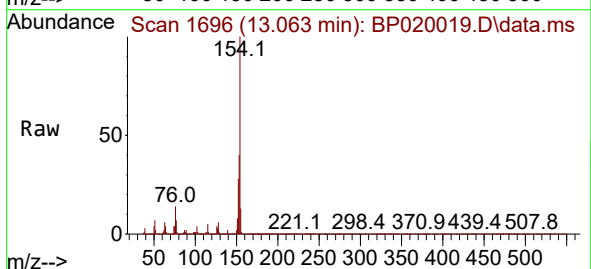
Tgt Ion:154 Resp: 1007488

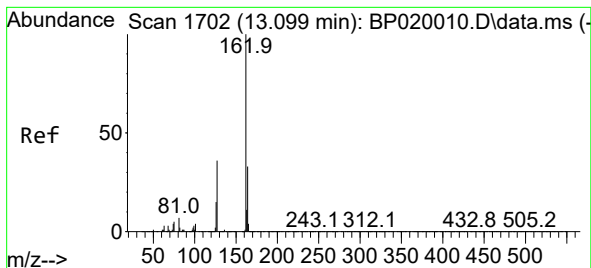
Ion Ratio Lower Upper

154 100

153 40.1 31.6 47.4

76 14.2 11.4 17.0





#44

2-Chloronaphthalene

Concen: 45.814 ng/ul

RT: 13.110 min Scan# 1704

Delta R.T. 0.006 min

Lab File: BP020019.D

Acq: 28 Mar 2024 20:56

Instrument :

BNA_P

ClientSampleId :

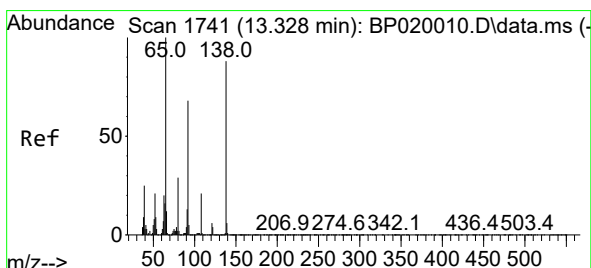
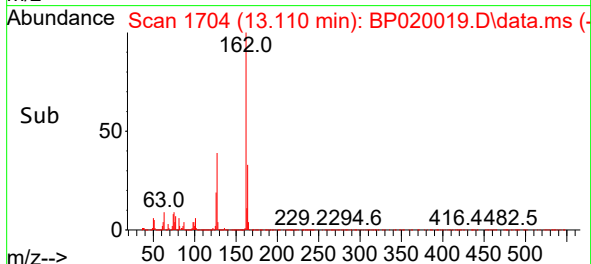
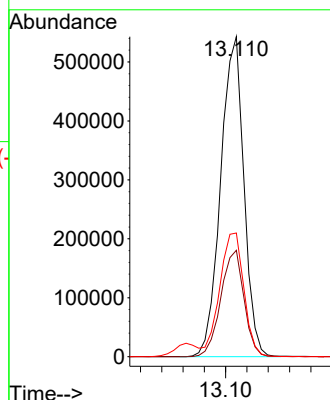
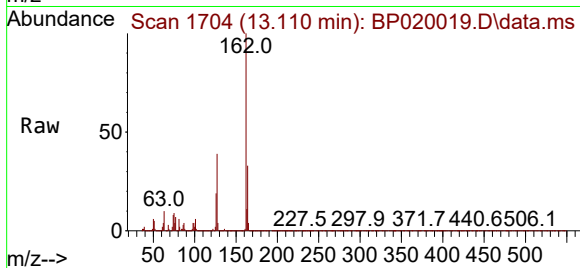
Tgt Ion:162 Resp: 820445

Ion Ratio Lower Upper

162 100

164 33.3 25.8 38.8

127 38.6 31.4 47.0



#45

2-Nitroaniline

Concen: 51.037 ng/ul

RT: 13.328 min Scan# 1741

Delta R.T. -0.000 min

Lab File: BP020019.D

Acq: 28 Mar 2024 20:56

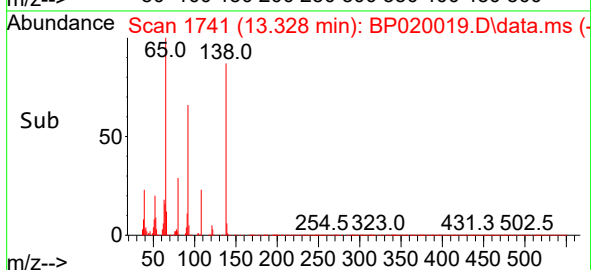
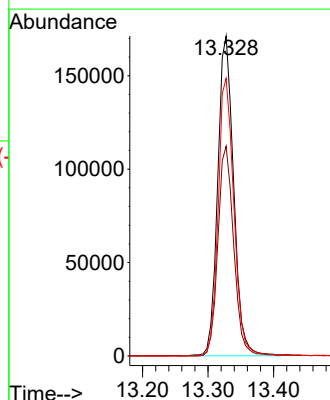
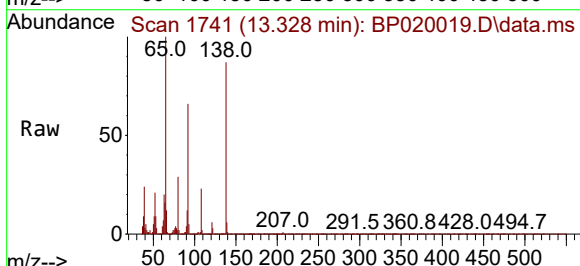
Tgt Ion: 65 Resp: 287900

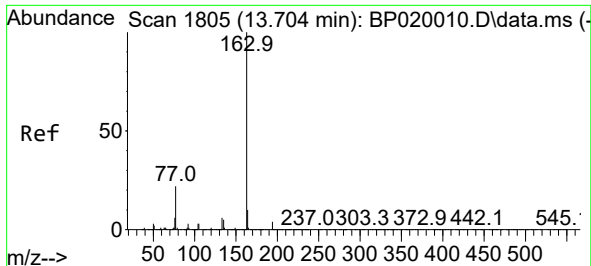
Ion Ratio Lower Upper

65 100

92 65.6 51.8 77.6

138 86.8 70.6 106.0

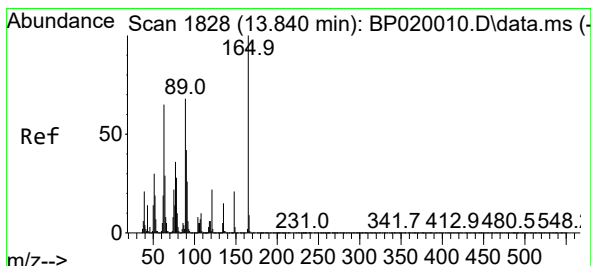
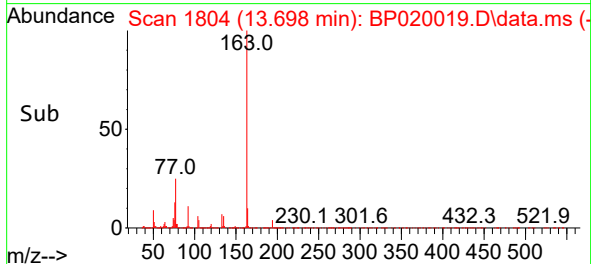
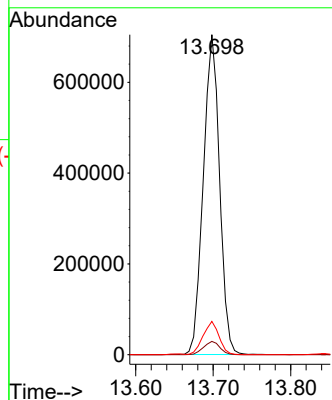
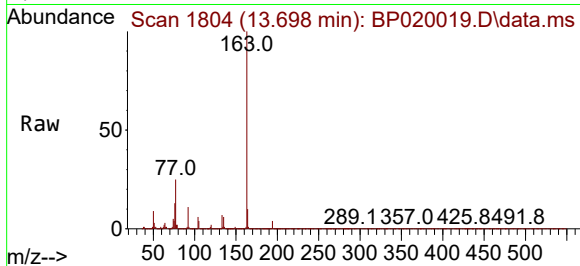




#47
Dimethylphthalate
Concen: 47.332 ng/ul
RT: 13.698 min Scan# 1804
Delta R.T. 0.005 min
Lab File: BP020019.D
Acq: 28 Mar 2024 20:56

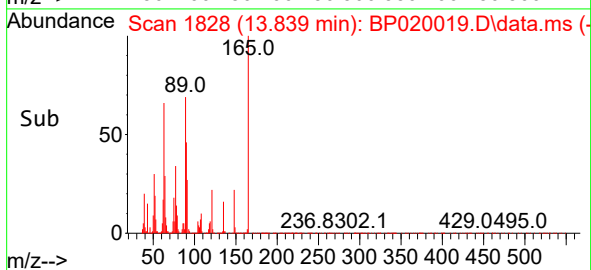
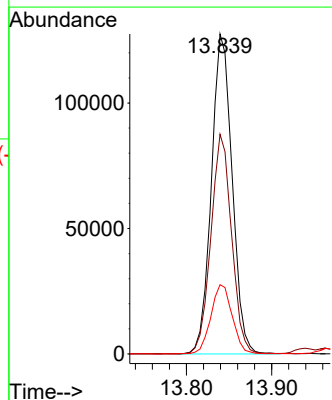
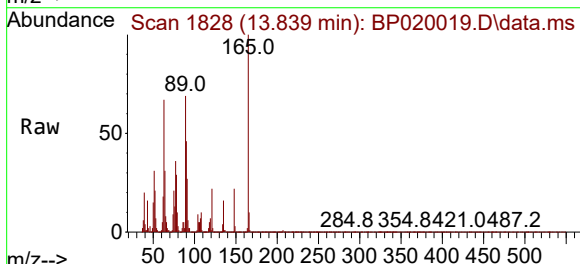
Instrument :
BNA_P
ClientSampleId :

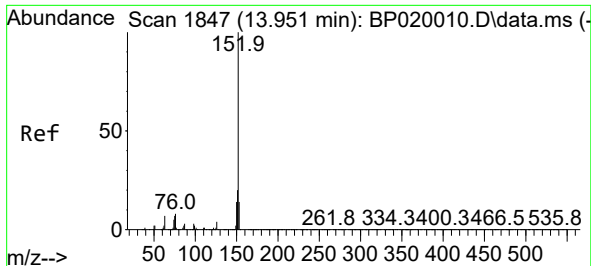
Tgt Ion:163 Resp: 1027169
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.4 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 49.068 ng/ul
RT: 13.839 min Scan# 1828
Delta R.T. 0.006 min
Lab File: BP020019.D
Acq: 28 Mar 2024 20:56

Tgt Ion:165 Resp: 216198
Ion Ratio Lower Upper
165 100
89 68.7 54.3 81.5
121 21.7 19.0 28.4

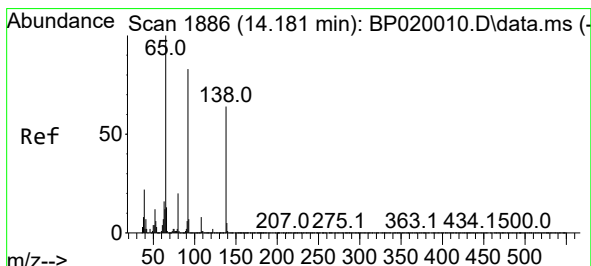
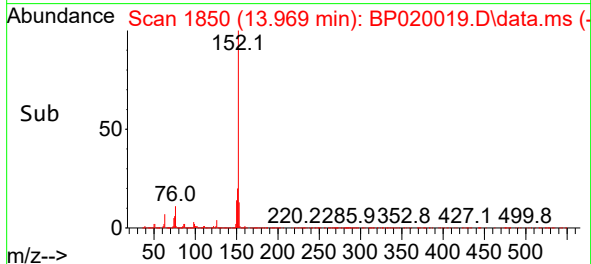
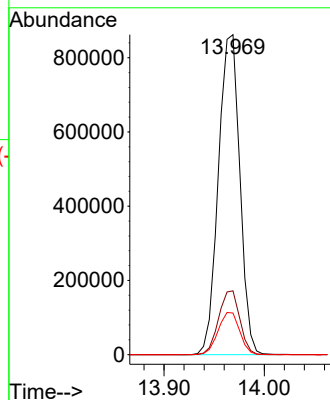
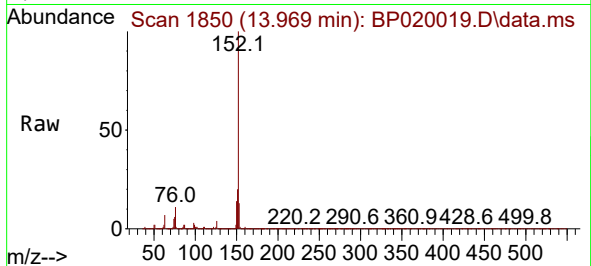




#50
Acenaphthylene
Concen: 45.532 ng/ul
RT: 13.969 min Scan# 1850
Delta R.T. 0.006 min
Lab File: BP020019.D
Acq: 28 Mar 2024 20:56

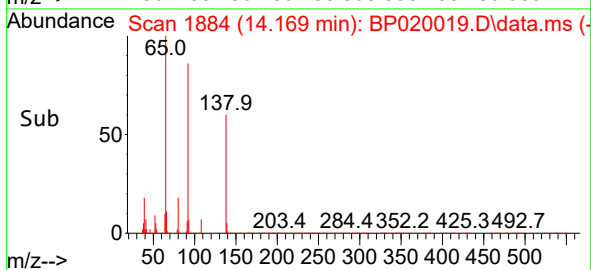
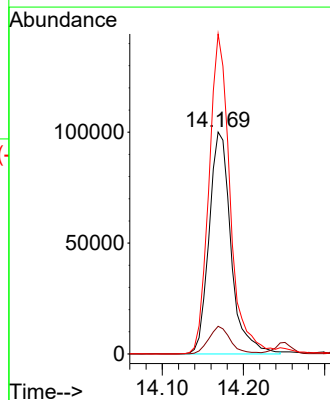
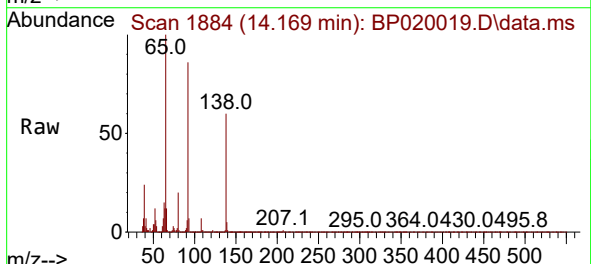
Instrument :
BNA_P
ClientSampleId :

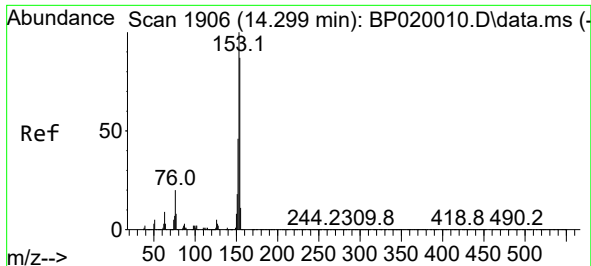
Tgt Ion:152 Resp: 1278828
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.6
153 13.0 10.9 16.3



#51
3-Nitroaniline
Concen: 46.264 ng/ul
RT: 14.169 min Scan# 1884
Delta R.T. 0.006 min
Lab File: BP020019.D
Acq: 28 Mar 2024 20:56

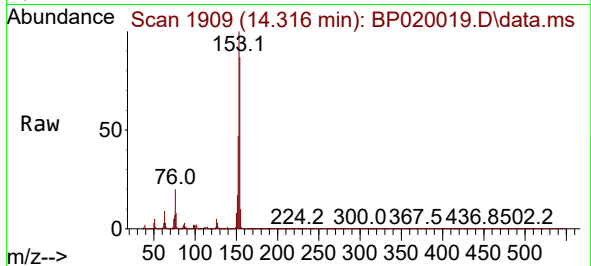
Tgt Ion:138 Resp: 187726
Ion Ratio Lower Upper
138 100
108 12.5 10.5 15.7
92 144.2 103.4 155.0



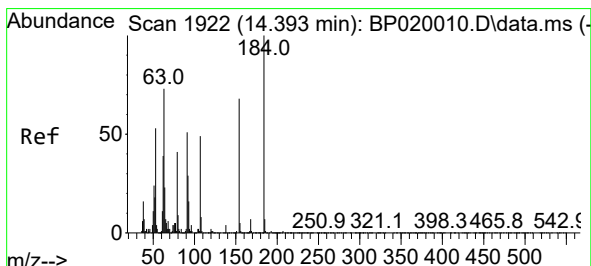
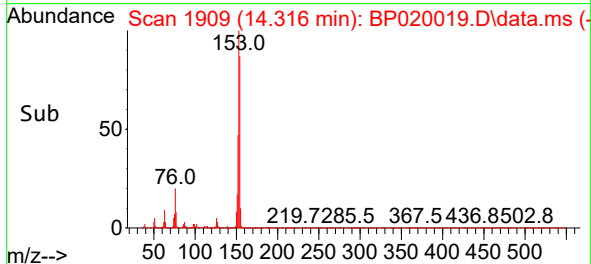
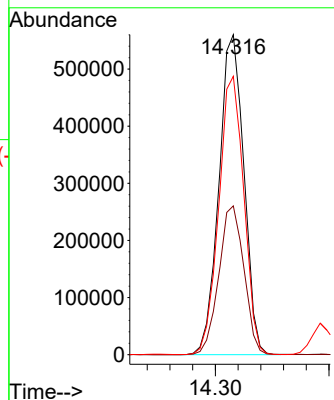


#52
Acenaphthene
Concen: 45.760 ng/ul
RT: 14.316 min Scan# 1909
Delta R.T. -0.000 min
Lab File: BP020019.D
Acq: 28 Mar 2024 20:56

Instrument :
BNA_P
ClientSampleId :

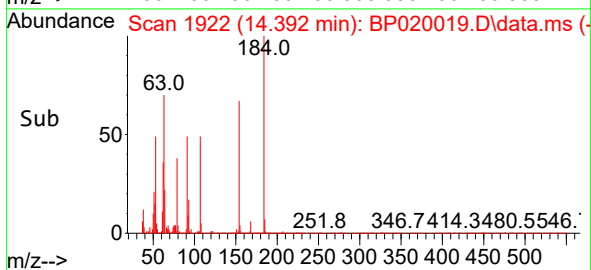
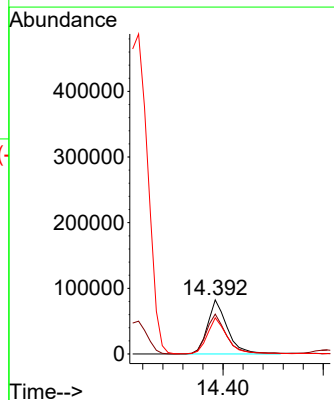
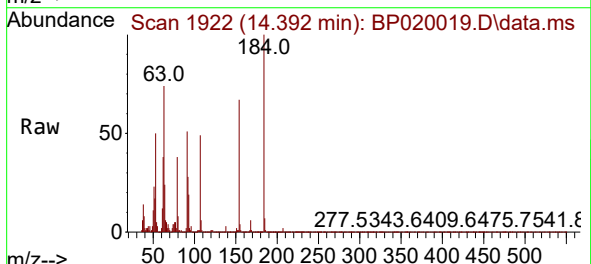


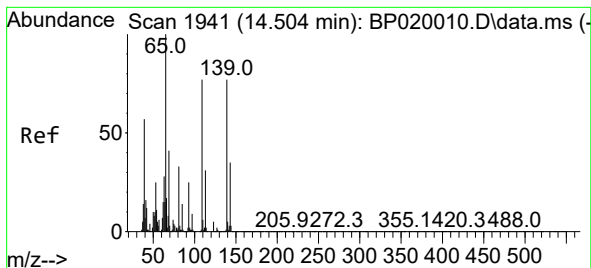
Tgt Ion:153 Resp: 853785
Ion Ratio Lower Upper
153 100
152 46.5 37.9 56.9
154 87.0 70.8 106.2



#53
2,4-Dinitrophenol
Concen: 44.853 ng/ul
RT: 14.392 min Scan# 1922
Delta R.T. -0.006 min
Lab File: BP020019.D
Acq: 28 Mar 2024 20:56

Tgt Ion:184 Resp: 112472
Ion Ratio Lower Upper
184 100
63 73.7 60.8 91.2
154 66.9 55.6 83.4

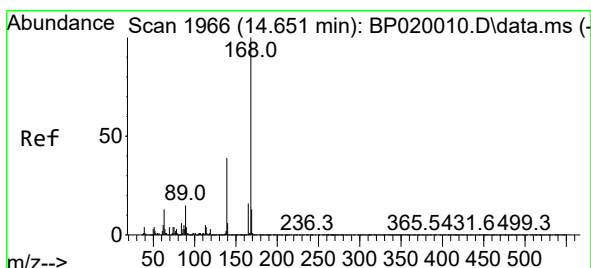
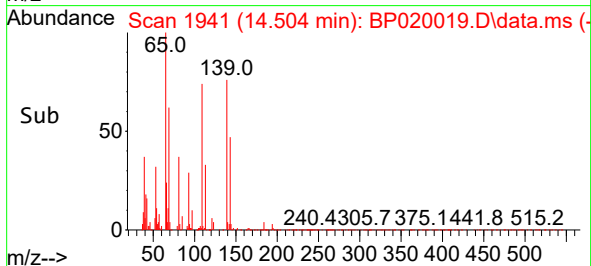
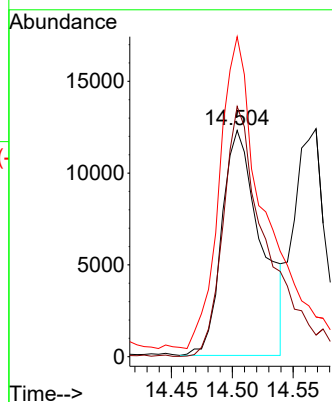
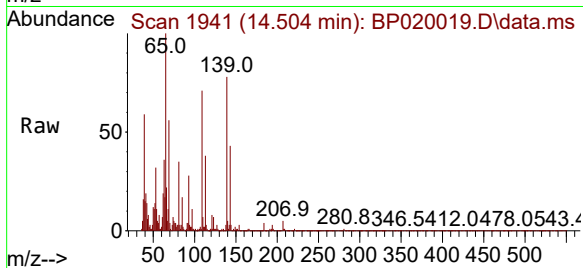




#55
4-Nitrophenol
Concen: 8.866 ng/ul
RT: 14.504 min Scan# 1941
Delta R.T. 0.006 min
Lab File: BP020019.D
Acq: 28 Mar 2024 20:56

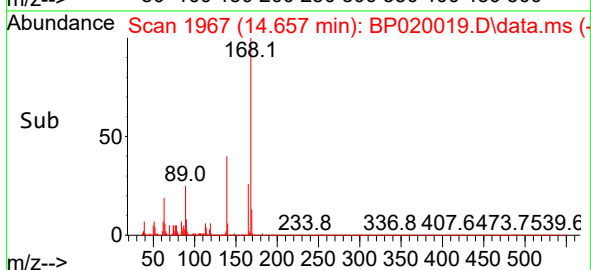
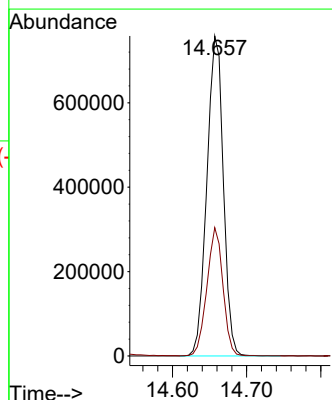
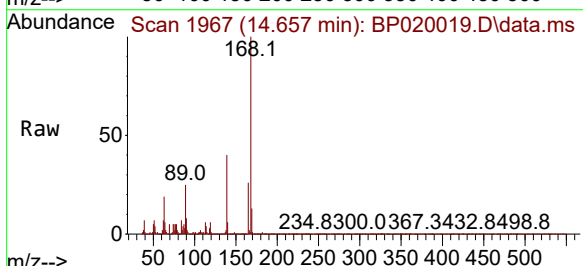
Instrument :
BNA_P
ClientSampleId :

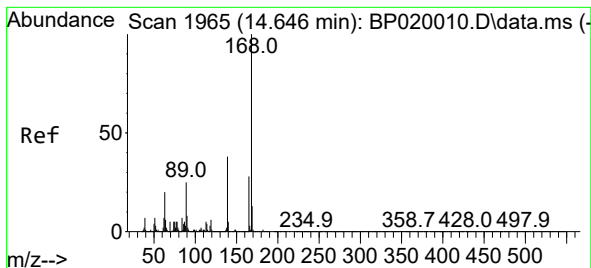
Tgt Ion:109 Resp: 27501
Ion Ratio Lower Upper
109 100
139 110.6 93.3 139.9
65 141.4 109.9 164.9



#56
Dibenzofuran
Concen: 46.175 ng/ul
RT: 14.657 min Scan# 1967
Delta R.T. -0.000 min
Lab File: BP020019.D
Acq: 28 Mar 2024 20:56

Tgt Ion:168 Resp: 1170060
Ion Ratio Lower Upper
168 100
139 40.1 29.8 44.8





#57

2,4-Dinitrotoluene

Concen: 50.116 ng/ul

RT: 14.657 min Scan# 1965

Delta R.T. -0.000 min

Lab File: BP020019.D

Acq: 28 Mar 2024 20:56

Instrument :

BNA_P

ClientSampleId :

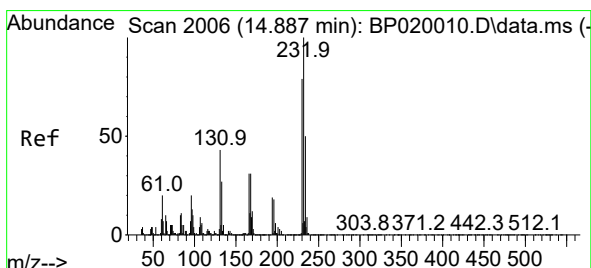
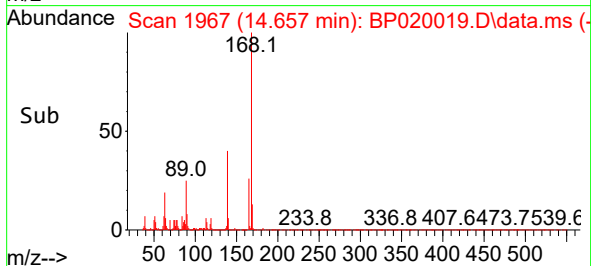
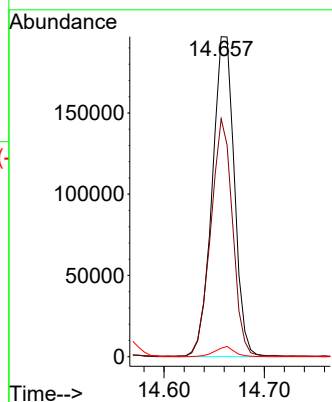
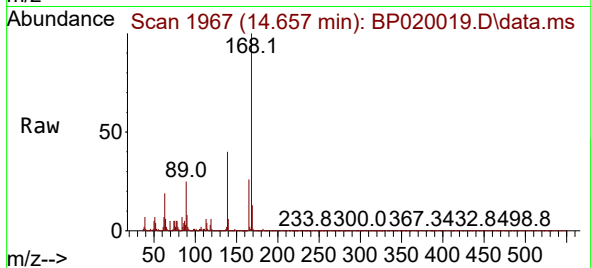
Tgt Ion:165 Resp: 301898

Ion Ratio Lower Upper

165 100

63 74.4 55.9 83.9

182 2.7 2.4 3.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.083 ng/ul

RT: 14.880 min Scan# 2005

Delta R.T. -0.000 min

Lab File: BP020019.D

Acq: 28 Mar 2024 20:56

Tgt Ion:232 Resp: 260109

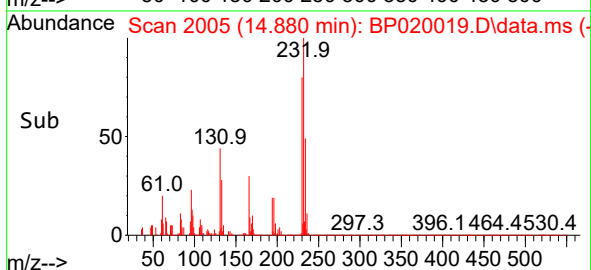
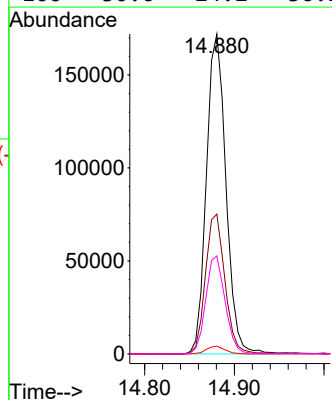
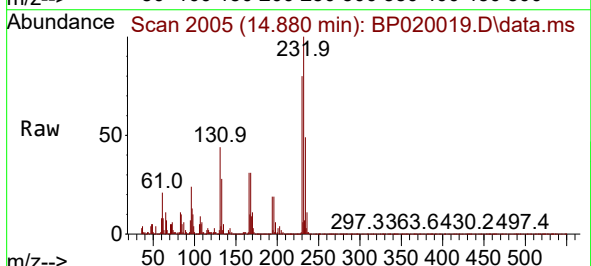
Ion Ratio Lower Upper

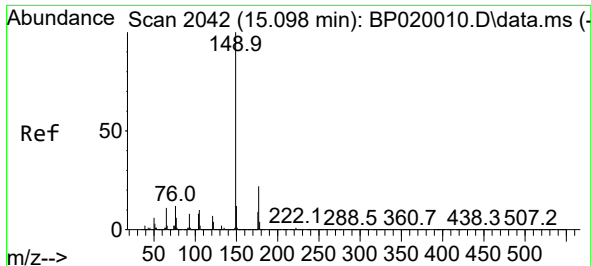
232 100

131 43.7 34.2 51.2

130 2.4 1.8 2.6

166 30.6 24.2 36.2

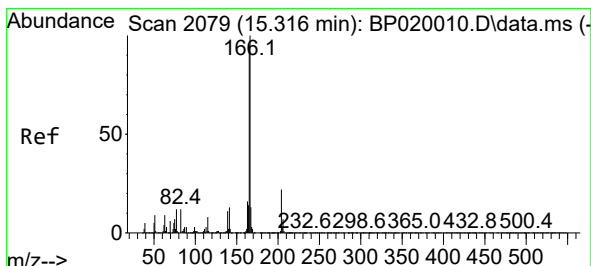
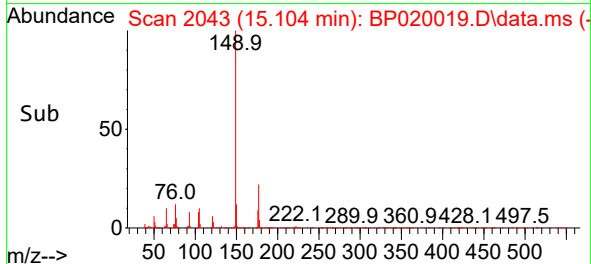
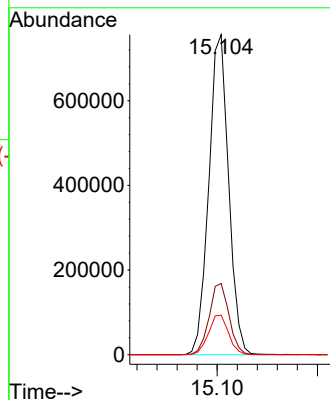
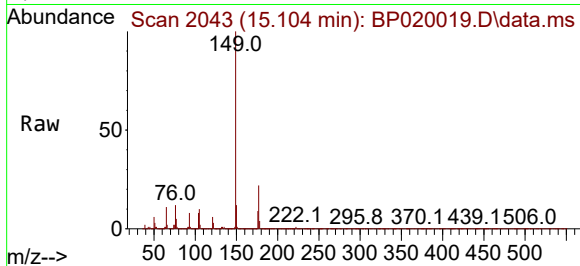




#59
Diethylphthalate
Concen: 48.256 ng/ul
RT: 15.104 min Scan# 2042
Delta R.T. 0.006 min
Lab File: BP020019.D
Acq: 28 Mar 2024 20:56

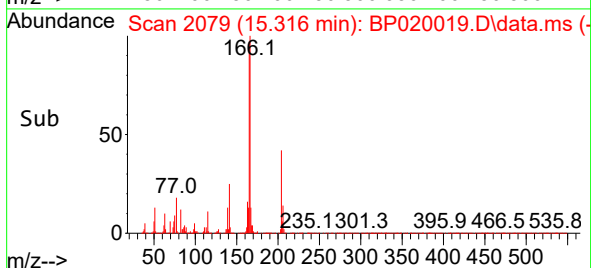
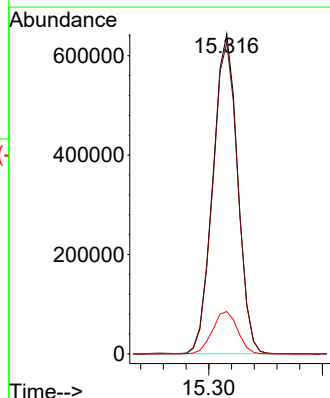
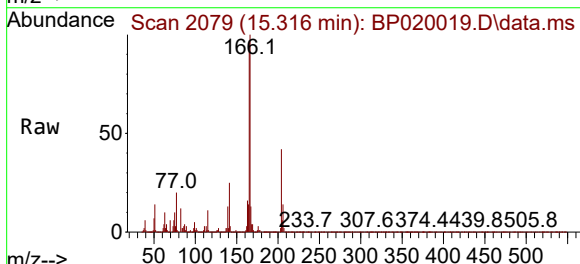
Instrument :
BNA_P
ClientSampleId :

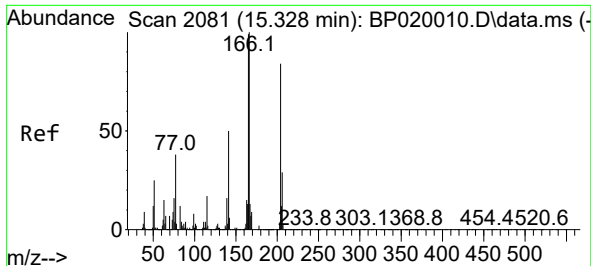
Tgt Ion:149 Resp: 1038480
Ion Ratio Lower Upper
149 100
177 22.3 17.0 25.6
150 12.4 9.7 14.5



#61
Fluorene
Concen: 46.926 ng/ul
RT: 15.316 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BP020019.D
Acq: 28 Mar 2024 20:56

Tgt Ion:166 Resp: 969821
Ion Ratio Lower Upper
166 100
165 97.3 79.2 118.8
167 13.2 11.1 16.7

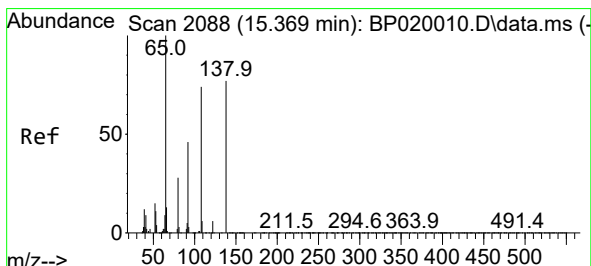
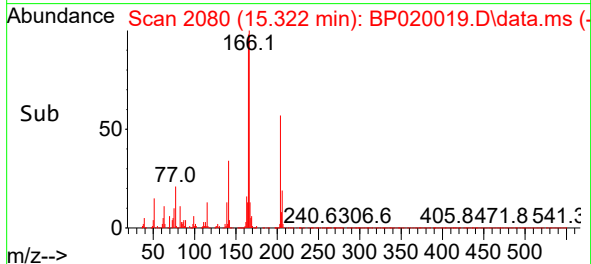
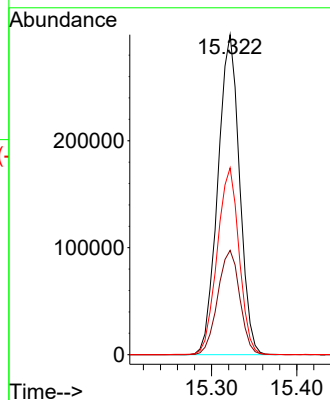
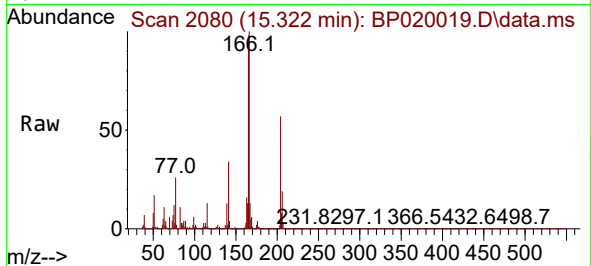




#62
4-Chlorophenyl-phenylether
Concen: 47.682 ng/ul
RT: 15.322 min Scan# 2080
Delta R.T. 0.011 min
Lab File: BP020019.D
Acq: 28 Mar 2024 20:56

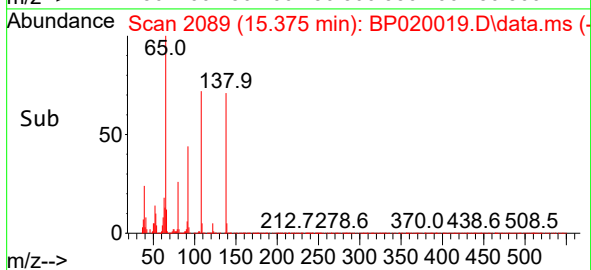
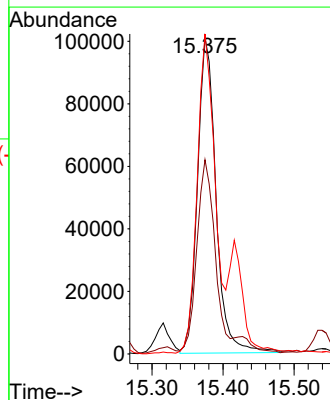
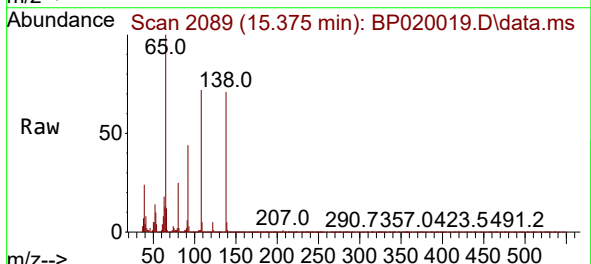
Instrument :
BNA_P
ClientSampleId :

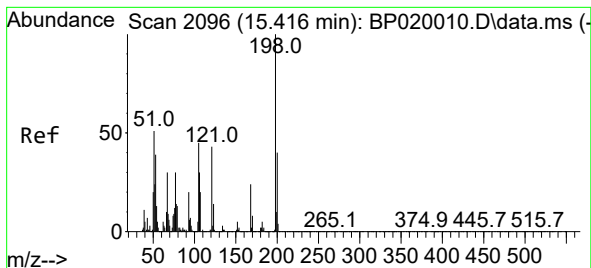
Tgt Ion:204 Resp: 527835
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 58.4 47.8 71.6



#63
4-Nitroaniline
Concen: 52.931 ng/ul
RT: 15.375 min Scan# 2089
Delta R.T. -0.000 min
Lab File: BP020019.D
Acq: 28 Mar 2024 20:56

Tgt Ion:138 Resp: 183432
Ion Ratio Lower Upper
138 100
92 61.3 51.0 76.6
108 101.0 74.7 112.1

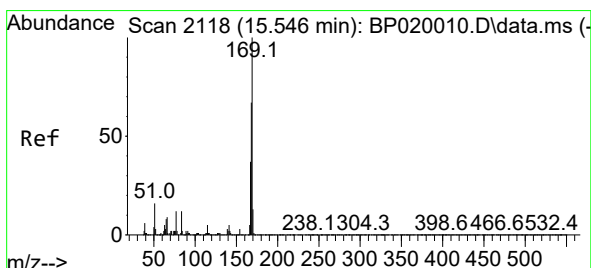
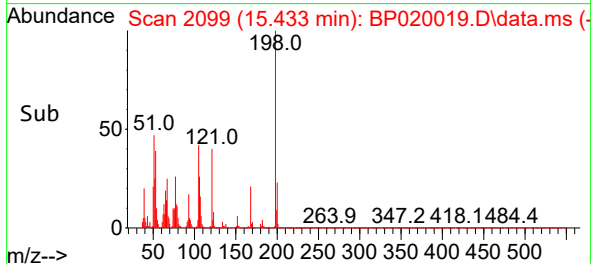
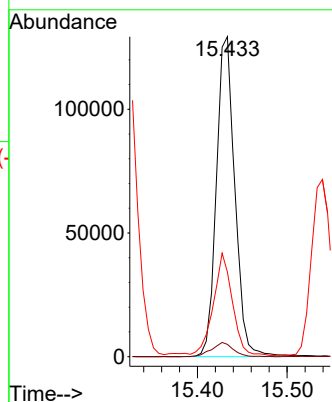
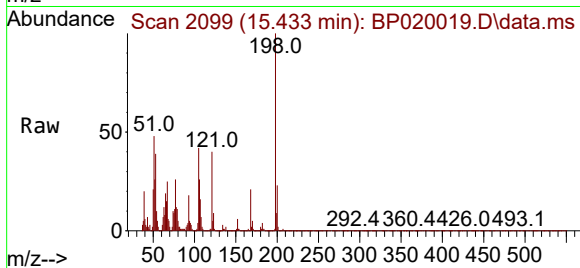




#66
4,6-Dinitro-2-methylphenol
Concen: 46.598 ng/ul
RT: 15.433 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BP020019.D
Acq: 28 Mar 2024 20:56

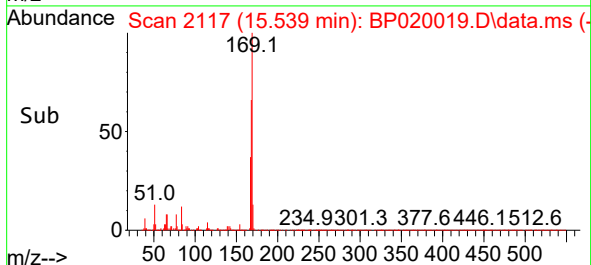
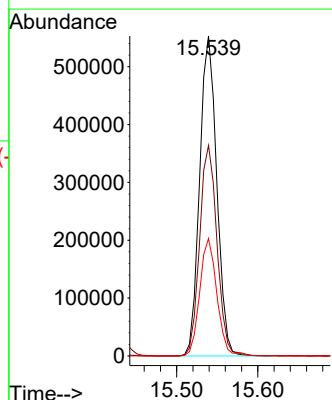
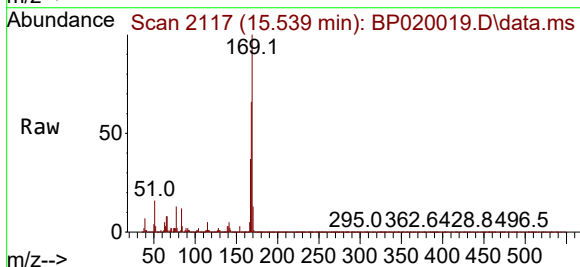
Instrument :
BNA_P
ClientSampleId :

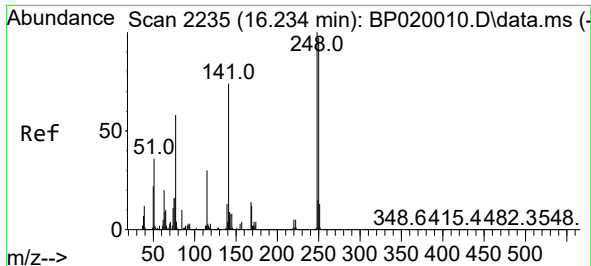
Tgt Ion:198 Resp: 184669
Ion Ratio Lower Upper
198 100
182 3.9 3.6 5.4
77 26.4 22.1 33.1



#67
N-Nitrosodiphenylamine
Concen: 46.957 ng/ul
RT: 15.539 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BP020019.D
Acq: 28 Mar 2024 20:56

Tgt Ion:169 Resp: 809134
Ion Ratio Lower Upper
169 100
168 65.8 52.5 78.7
167 36.7 28.0 42.0

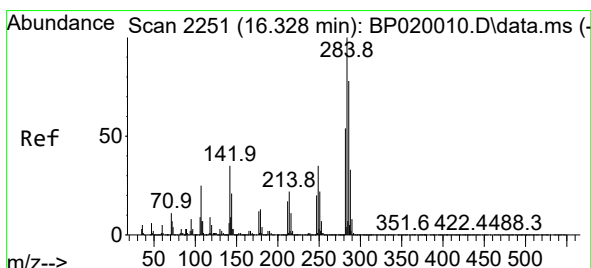
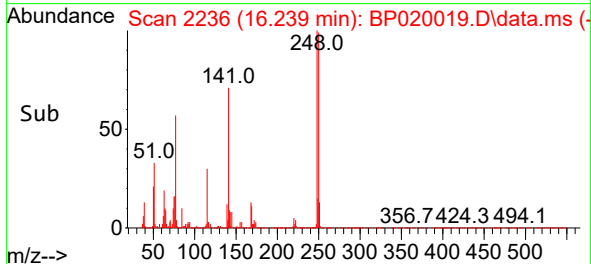
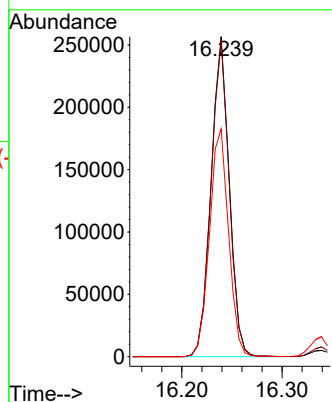
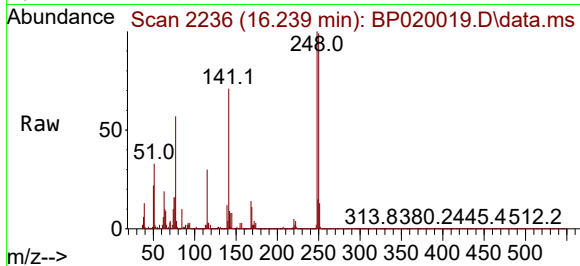




#68
4-Bromophenyl-phenylether
Concen: 47.906 ng/ul
RT: 16.239 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP020019.D
Acq: 28 Mar 2024 20:56

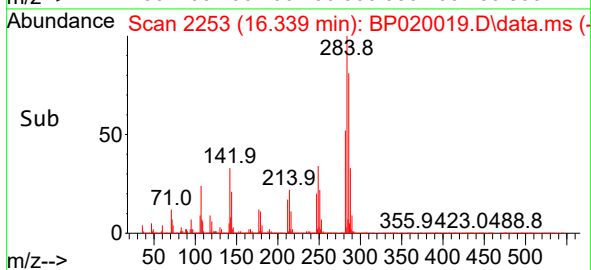
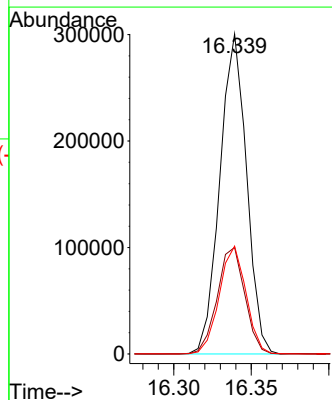
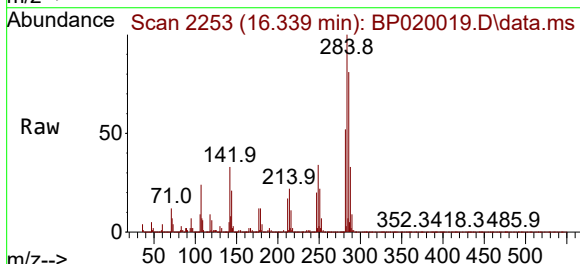
Instrument :
BNA_P
ClientSampleId :

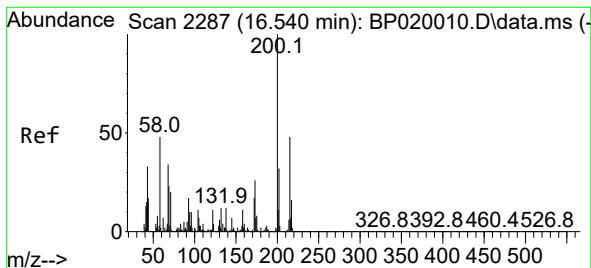
Tgt Ion:248 Resp: 324348
Ion Ratio Lower Upper
248 100
250 98.8 76.3 114.5
141 71.2 56.8 85.2



#69
Hexachlorobenzene
Concen: 47.857 ng/ul
RT: 16.339 min Scan# 2253
Delta R.T. -0.006 min
Lab File: BP020019.D
Acq: 28 Mar 2024 20:56

Tgt Ion:284 Resp: 359789
Ion Ratio Lower Upper
284 100
142 33.3 28.2 42.2
249 33.7 27.5 41.3





#70

Atrazine

Concen: 47.988 ng/ul

RT: 16.539 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP020019.D

Acq: 28 Mar 2024 20:56

Instrument :

BNA_P

ClientSampleId :

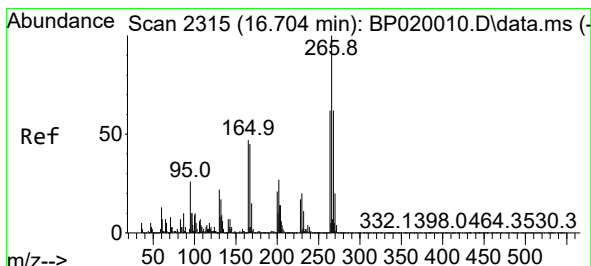
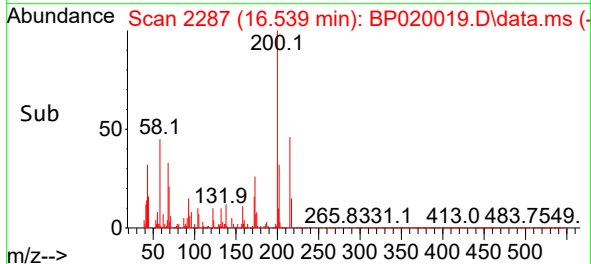
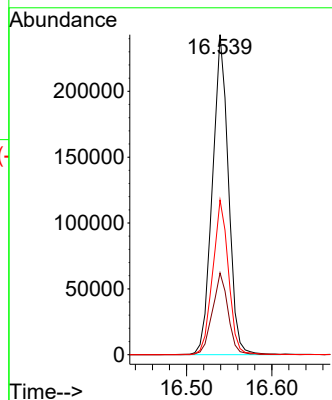
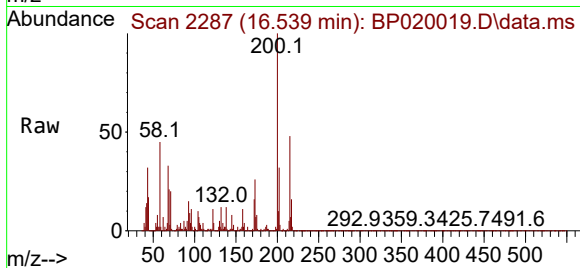
Tgt Ion:200 Resp: 316814

Ion Ratio Lower Upper

200 100

173 25.5 19.0 28.6

215 48.4 37.4 56.0



#71

Pentachlorophenol

Concen: 46.858 ng/ul

RT: 16.710 min Scan# 2316

Delta R.T. -0.006 min

Lab File: BP020019.D

Acq: 28 Mar 2024 20:56

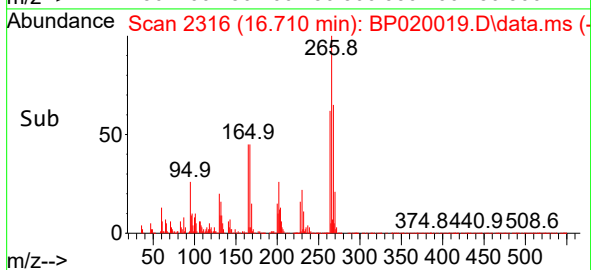
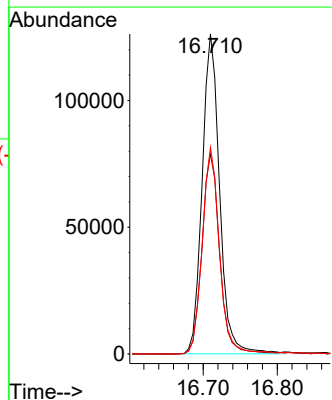
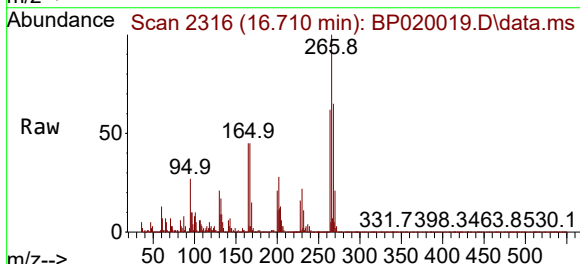
Tgt Ion:266 Resp: 206506

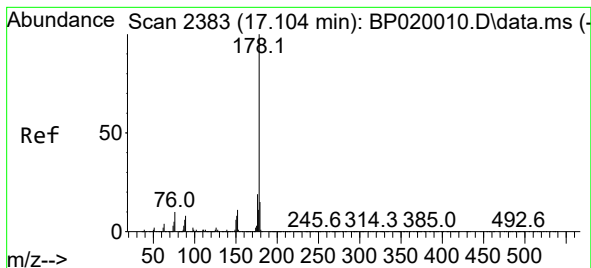
Ion Ratio Lower Upper

266 100

264 62.4 49.9 74.9

268 64.6 52.5 78.7





#72

Phenanthrene

Concen: 46.600 ng/ul

RT: 17.110 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP020019.D

Acq: 28 Mar 2024 20:56

Instrument :

BNA_P

ClientSampleId :

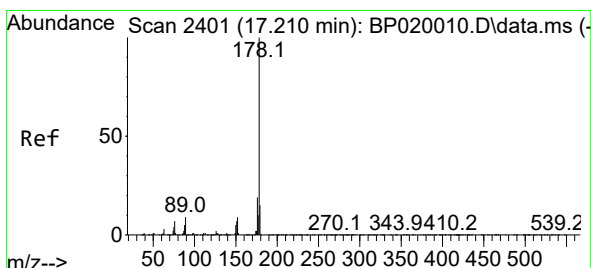
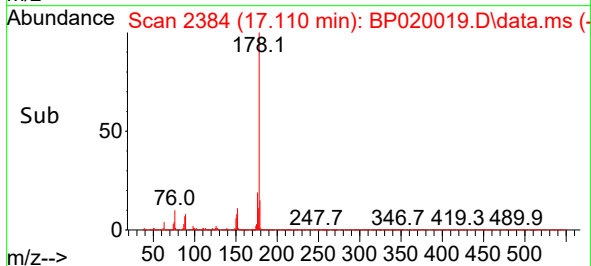
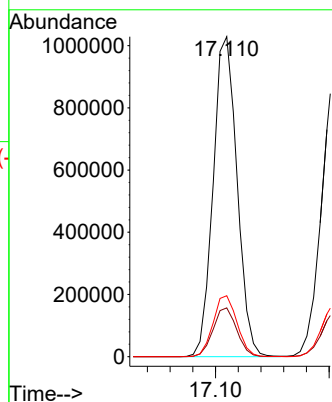
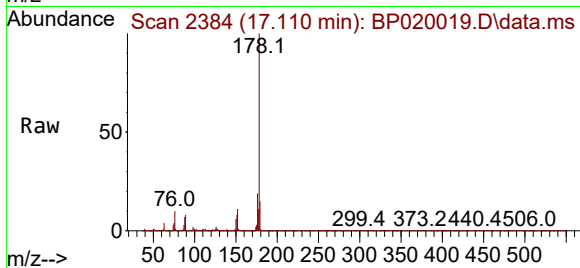
Tgt Ion:178 Resp: 1503015

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.2

176 19.1 15.3 22.9



#74

Anthracene

Concen: 46.816 ng/ul

RT: 17.204 min Scan# 2400

Delta R.T. -0.000 min

Lab File: BP020019.D

Acq: 28 Mar 2024 20:56

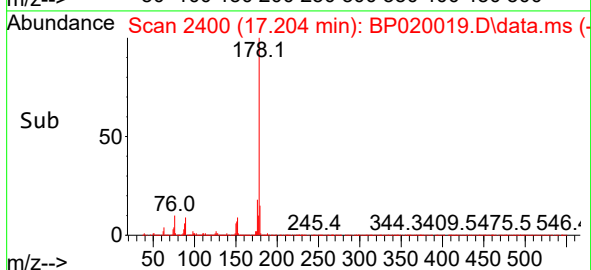
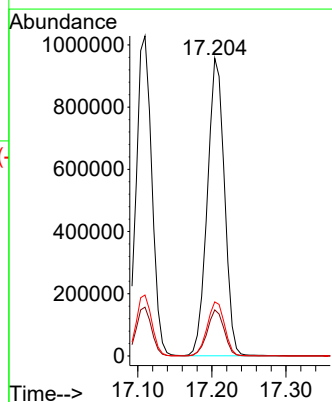
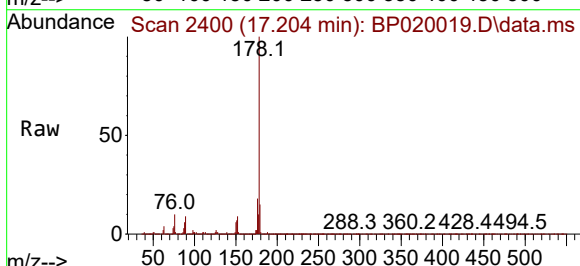
Tgt Ion:178 Resp: 1533195

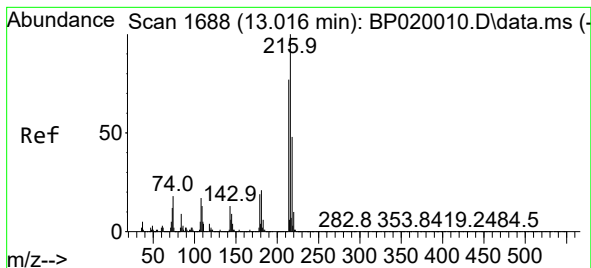
Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.2

176 18.2 14.8 22.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 45.271 ng/uL

RT: 13.022 min Scan# 1689

Delta R.T. 0.006 min

Lab File: BP020019.D

Acq: 28 Mar 2024 20:56

Instrument :

BNA_P

ClientSampleId :

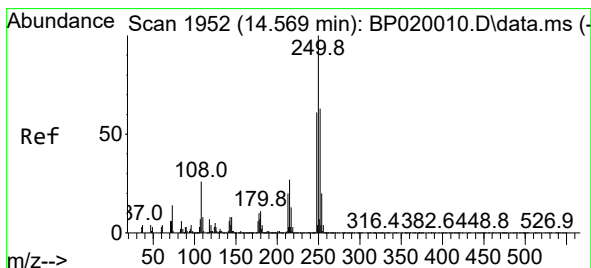
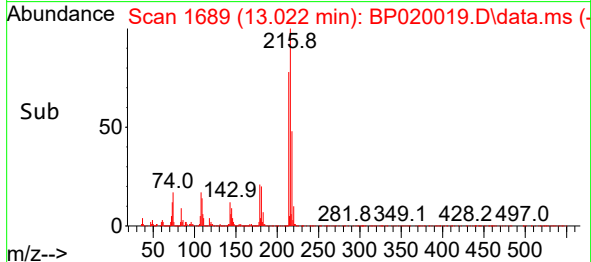
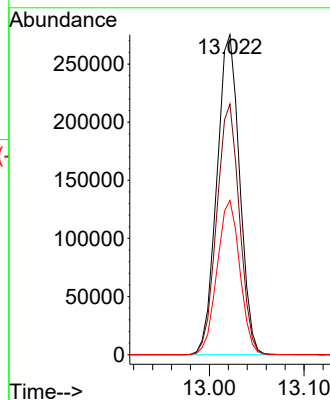
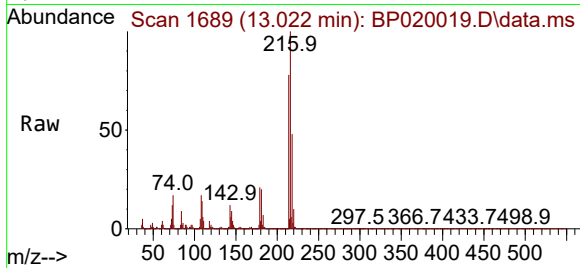
Tgt Ion:216 Resp: 460456

Ion Ratio Lower Upper

216 100

214 78.4 62.2 93.4

218 48.2 39.9 59.9



#76

Pentachlorobenzene

Concen: 46.058 ng/uL

RT: 14.569 min Scan# 1952

Delta R.T. 0.006 min

Lab File: BP020019.D

Acq: 28 Mar 2024 20:56

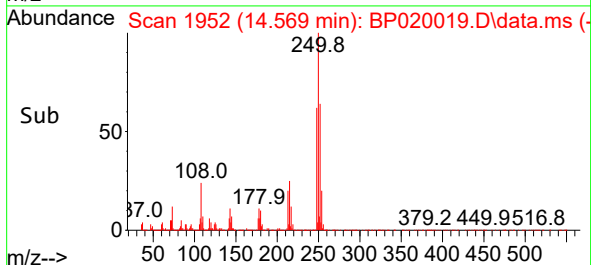
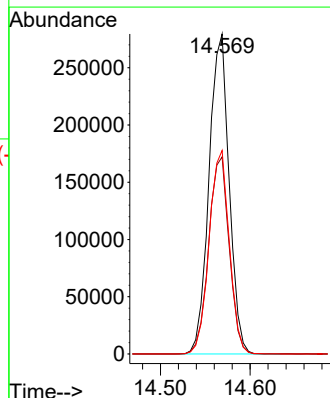
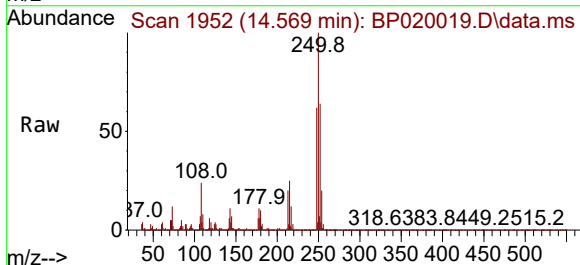
Tgt Ion:250 Resp: 433845

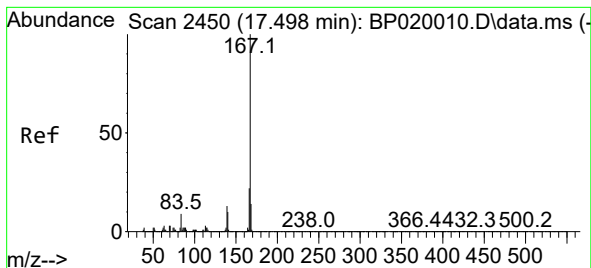
Ion Ratio Lower Upper

250 100

248 61.6 51.3 76.9

252 63.6 51.1 76.7





#77

Carbazole

Concen: 47.049 ng/ul

RT: 17.498 min Scan# 2450

Delta R.T. -0.006 min

Lab File: BP020019.D

Acq: 28 Mar 2024 20:56

Instrument :

BNA_P

ClientSampleId :

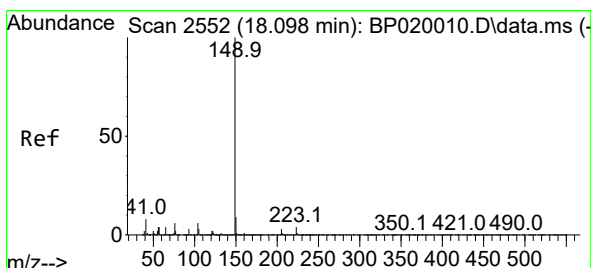
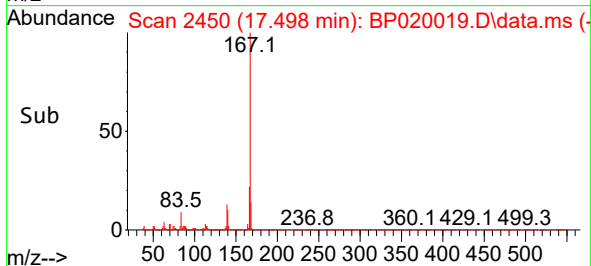
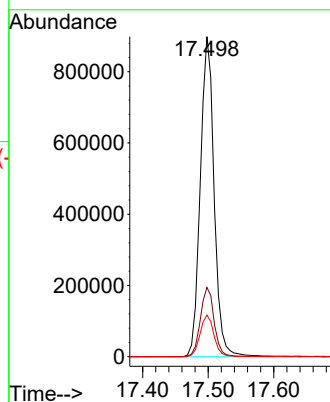
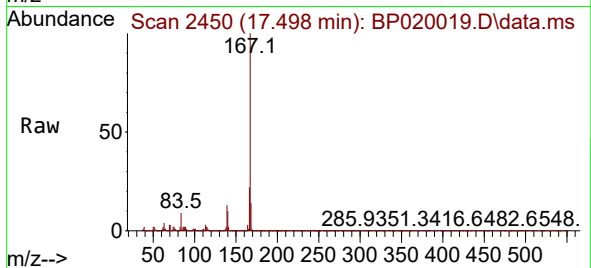
Tgt Ion:167 Resp: 1317577

Ion Ratio Lower Upper

167 100

166 21.6 16.8 25.2

139 13.0 10.2 15.4



#78

Di-n-butylphthalate

Concen: 50.188 ng/ul

RT: 18.098 min Scan# 2552

Delta R.T. 0.006 min

Lab File: BP020019.D

Acq: 28 Mar 2024 20:56

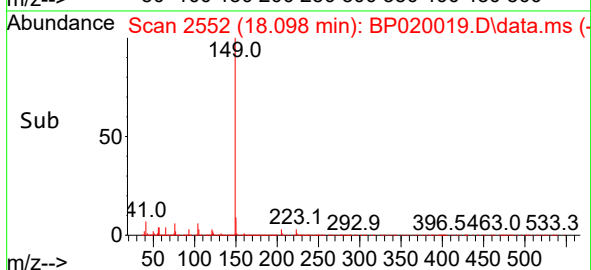
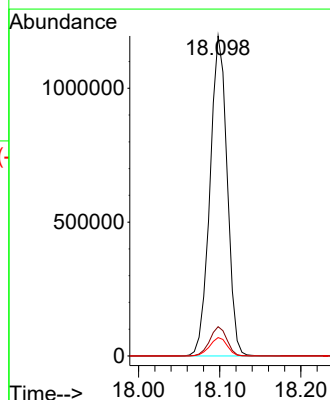
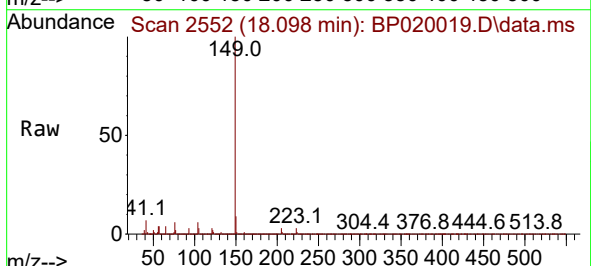
Tgt Ion:149 Resp: 1754892

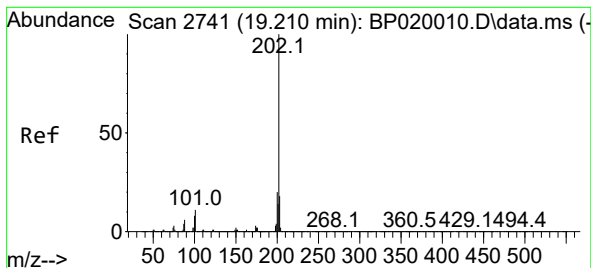
Ion Ratio Lower Upper

149 100

150 9.1 7.0 10.6

104 5.8 4.2 6.4





#80

Fluoranthene

Concen: 46.634 ng/ul

RT: 19.216 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP020019.D

Acq: 28 Mar 2024 20:56

Instrument :

BNA_P

ClientSampleId :

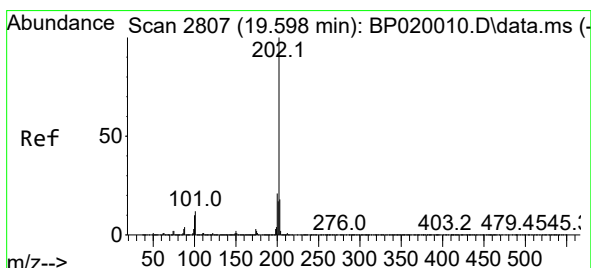
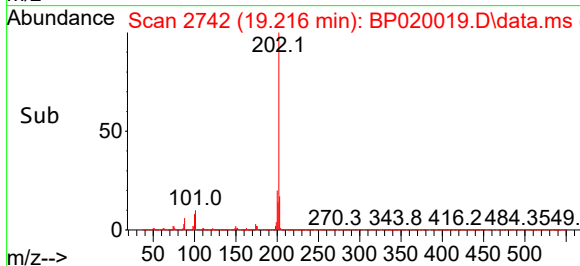
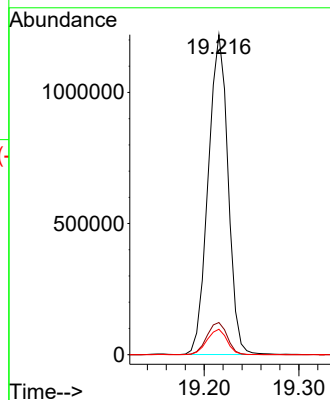
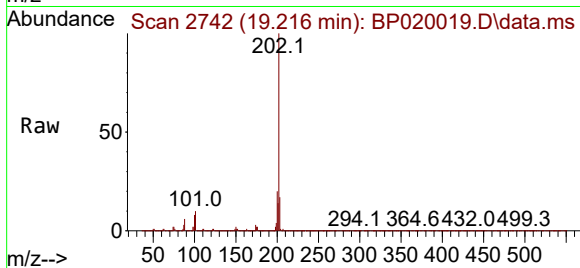
Tgt Ion:202 Resp: 1776093

Ion Ratio Lower Upper

202 100

101 10.1 8.8 13.2

100 7.9 6.6 9.8



#82

Pyrene

Concen: 45.939 ng/ul

RT: 19.598 min Scan# 2807

Delta R.T. -0.000 min

Lab File: BP020019.D

Acq: 28 Mar 2024 20:56

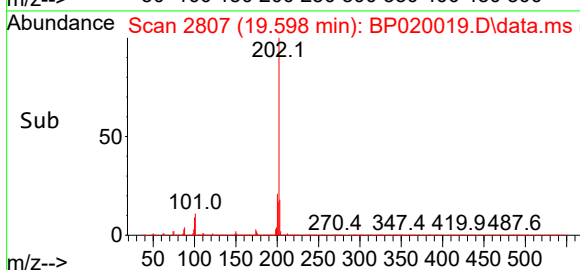
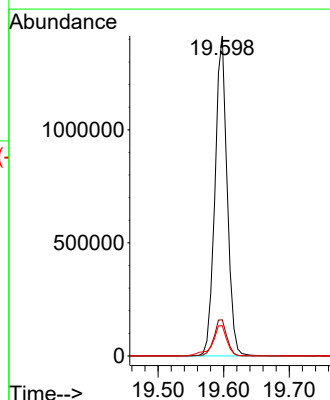
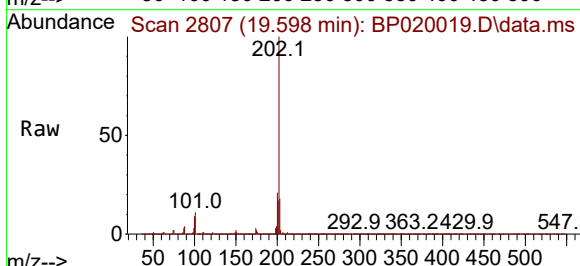
Tgt Ion:202 Resp: 1818409

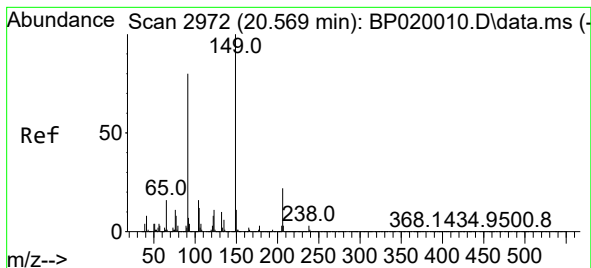
Ion Ratio Lower Upper

202 100

101 11.3 9.4 14.2

100 9.4 7.7 11.5





#83

Butylbenzylphthalate

Concen: 45.750 ng/ul

RT: 20.574 min Scan# 2972

Delta R.T. -0.000 min

Lab File: BP020019.D

Acq: 28 Mar 2024 20:56

Instrument :

BNA_P

ClientSampleId :

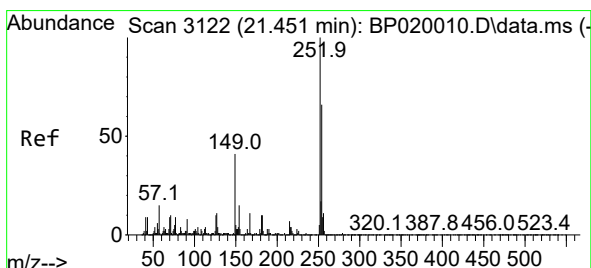
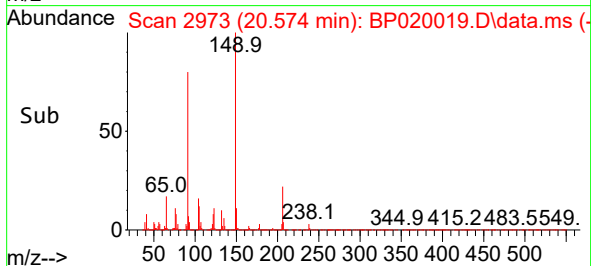
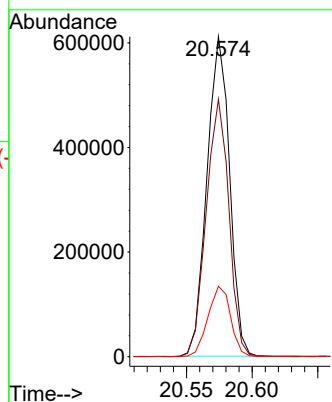
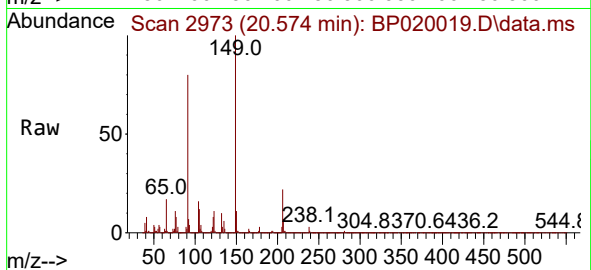
Tgt Ion:149 Resp: 735354

Ion Ratio Lower Upper

149 100

91 80.4 63.4 95.2

206 22.0 17.8 26.6



#84

3,3'-Dichlorobenzidine

Concen: 40.548 ng/ul

RT: 21.462 min Scan# 3124

Delta R.T. 0.006 min

Lab File: BP020019.D

Acq: 28 Mar 2024 20:56

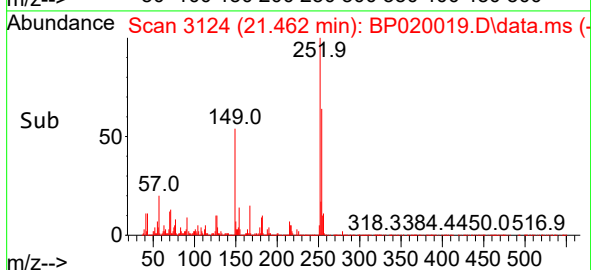
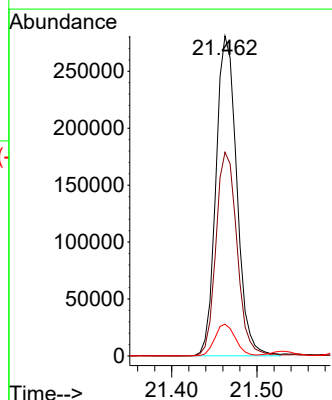
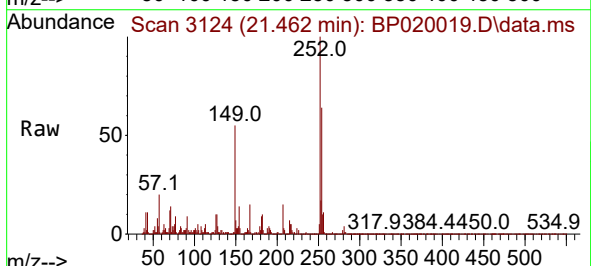
Tgt Ion:252 Resp: 476557

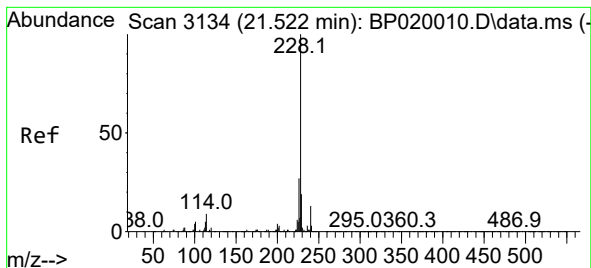
Ion Ratio Lower Upper

252 100

254 63.7 52.4 78.6

126 9.9 8.1 12.1





#85

Benzo(a)anthracene

Concen: 47.473 ng/ul

RT: 21.533 min Scan# 3136

Delta R.T. 0.006 min

Lab File: BP020019.D

Acq: 28 Mar 2024 20:56

Instrument :

BNA_P

ClientSampleId :

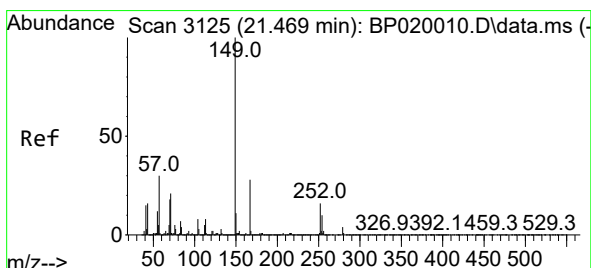
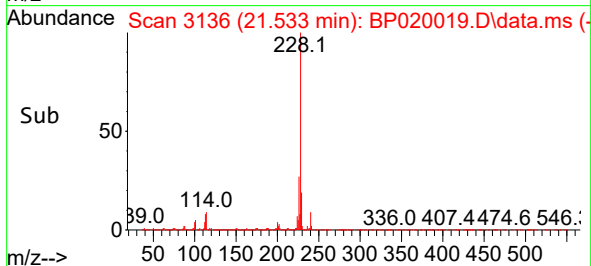
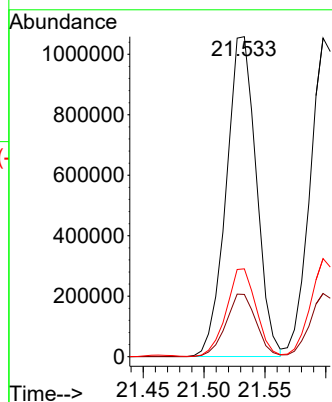
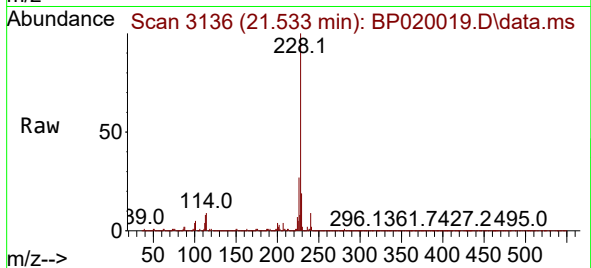
Tgt Ion:228 Resp: 1815595

Ion Ratio Lower Upper

228 100

229 19.4 15.6 23.4

226 27.4 22.1 33.1



#86

Bis(2-ethylhexyl)phthalate

Concen: 46.509 ng/ul

RT: 21.480 min Scan# 3127

Delta R.T. 0.006 min

Lab File: BP020019.D

Acq: 28 Mar 2024 20:56

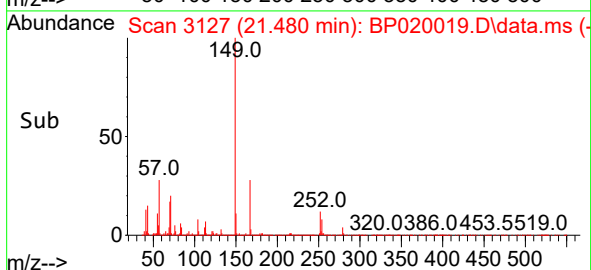
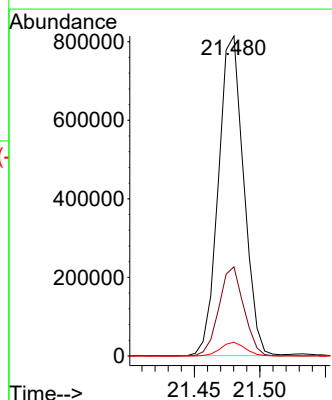
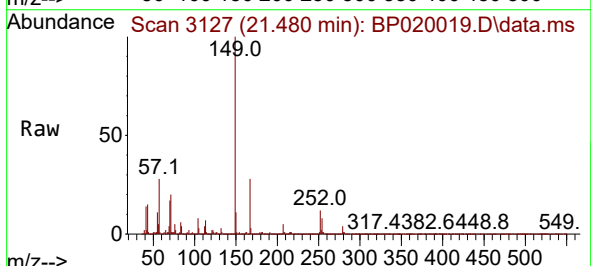
Tgt Ion:149 Resp: 1092329

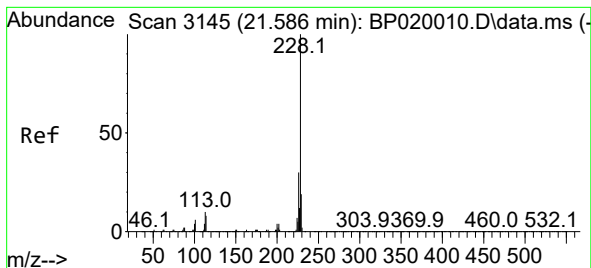
Ion Ratio Lower Upper

149 100

167 27.8 23.0 34.6

279 4.3 3.6 5.4





#87

Chrysene

Concen: 47.060 ng/ul

RT: 21.598 min Scan# 3145

Delta R.T. -0.000 min

Lab File: BP020019.D

Acq: 28 Mar 2024 20:56

Instrument :

BNA_P

ClientSampleId :

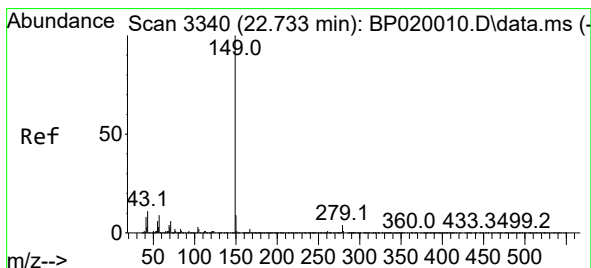
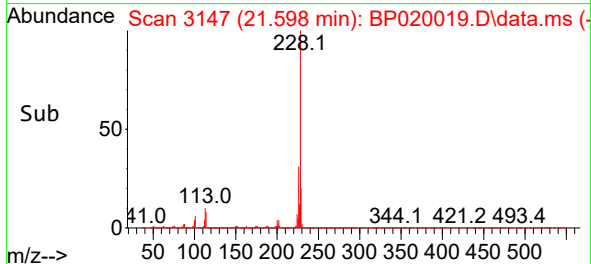
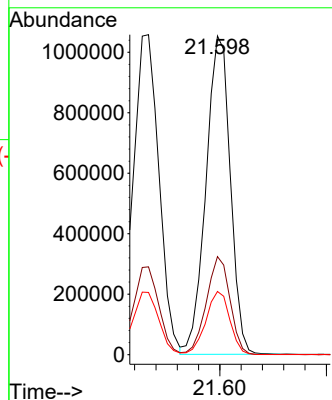
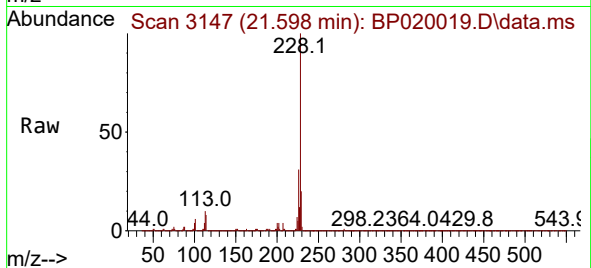
Tgt Ion:228 Resp: 1673289

Ion Ratio Lower Upper

228 100

226 30.8 23.2 34.8

229 19.9 15.3 22.9



#89

Di-n-octyl phthalate

Concen: 46.700 ng/ul

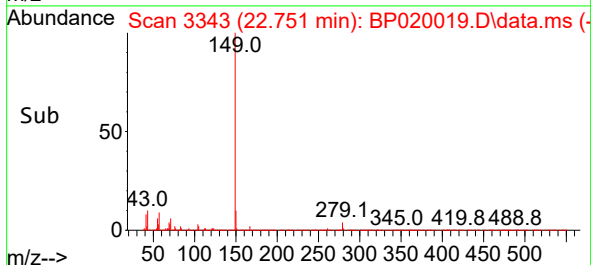
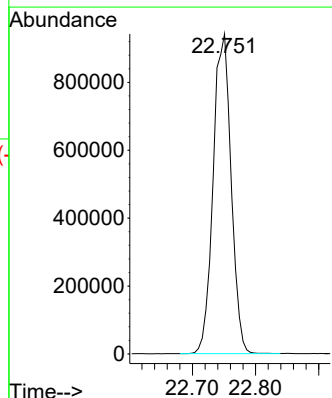
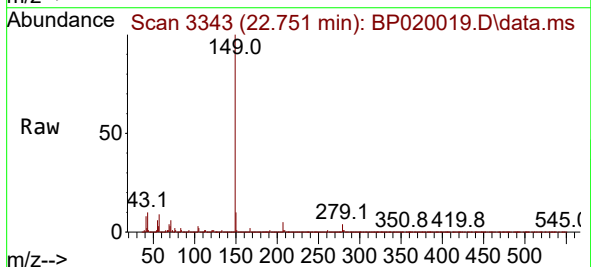
RT: 22.751 min Scan# 3343

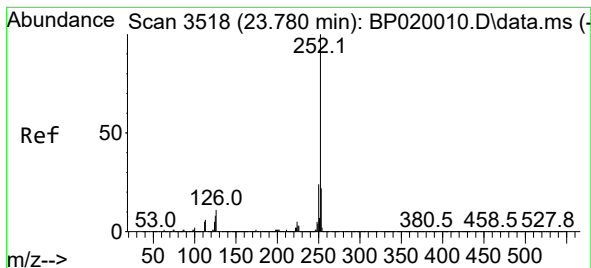
Delta R.T. 0.011 min

Lab File: BP020019.D

Acq: 28 Mar 2024 20:56

Tgt Ion:149 Resp: 1862745





#90

Benzo(b)fluoranthene

Concen: 50.110 ng/ul

RT: 23.798 min Scan# 3518

Delta R.T. 0.006 min

Lab File: BP020019.D

Acq: 28 Mar 2024 20:56

Instrument :

BNA_P

ClientSampleId :

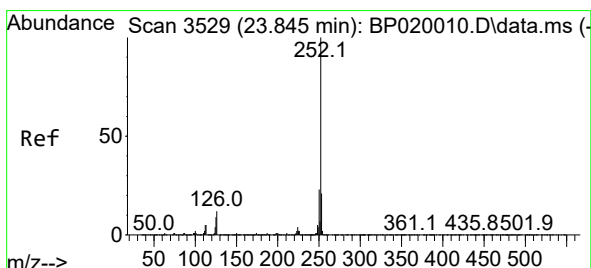
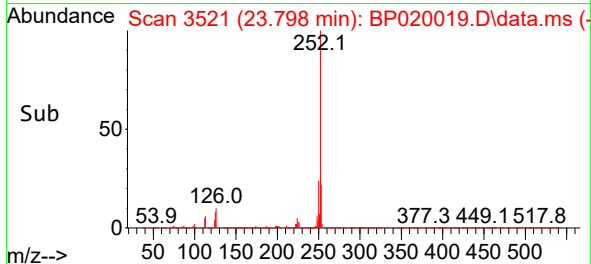
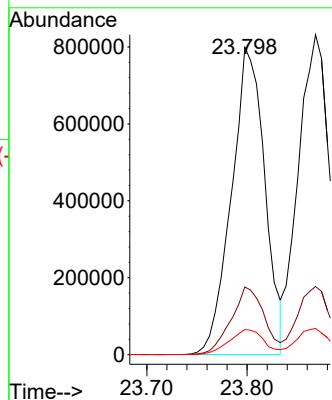
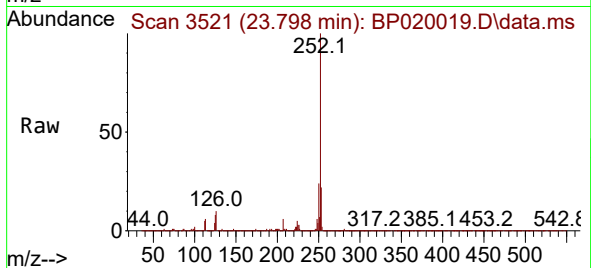
Tgt Ion:252 Resp: 1847684

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 8.2 6.5 9.7



#91

Benzo(k)fluoranthene

Concen: 48.690 ng/ul

RT: 23.868 min Scan# 3533

Delta R.T. -0.006 min

Lab File: BP020019.D

Acq: 28 Mar 2024 20:56

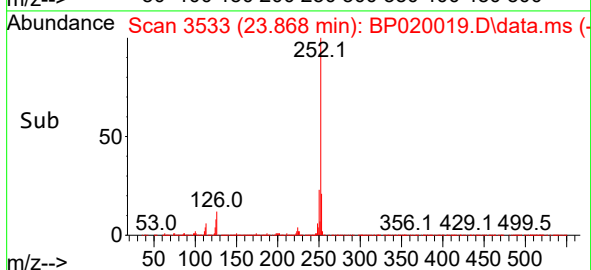
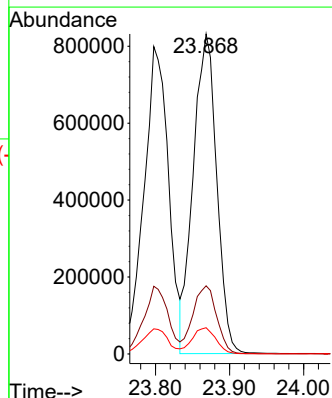
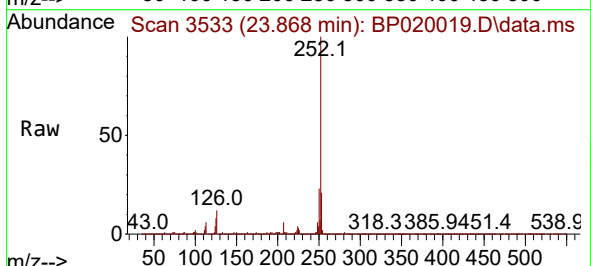
Tgt Ion:252 Resp: 1824451

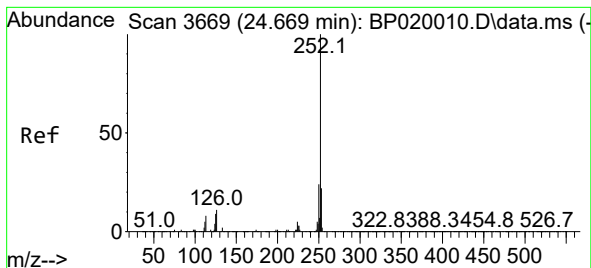
Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.0

125 8.2 7.1 10.7





#93

Benzo(a)pyrene

Concen: 49.556 ng/ul

RT: 24.686 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP020019.D

Acq: 28 Mar 2024 20:56

Instrument :

BNA_P

ClientSampleId :

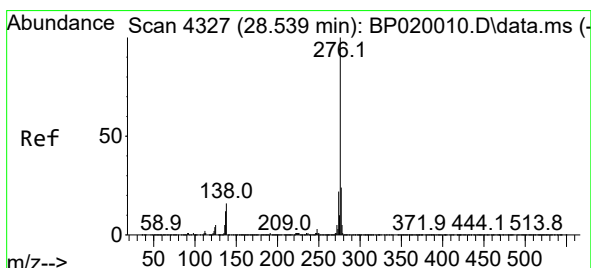
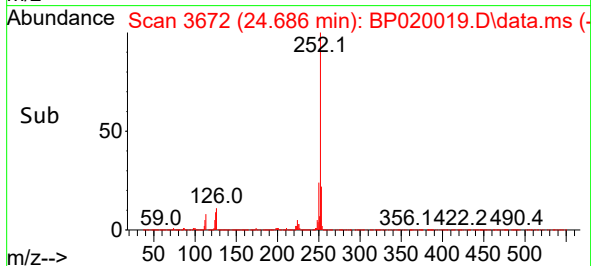
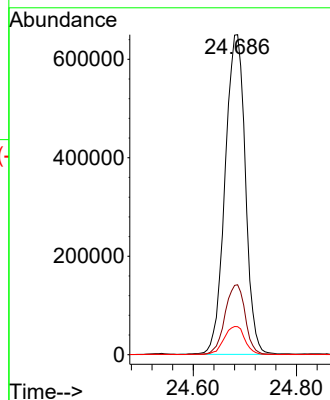
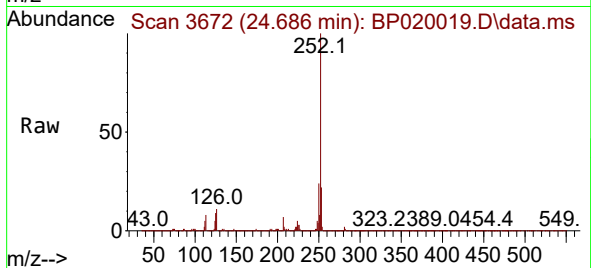
Tgt Ion:252 Resp: 1767499

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 8.8 7.4 11.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 39.337 ng/ul

RT: 28.568 min Scan# 4332

Delta R.T. 0.017 min

Lab File: BP020019.D

Acq: 28 Mar 2024 20:56

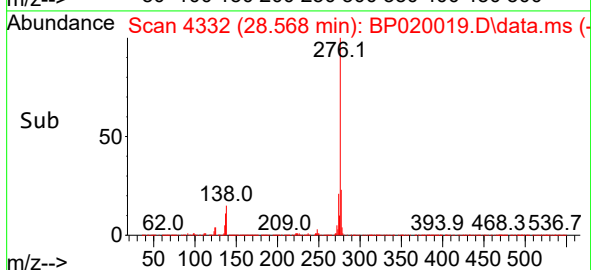
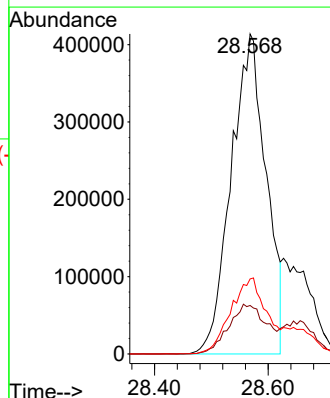
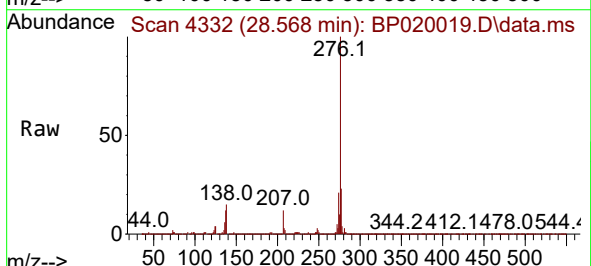
Tgt Ion:276 Resp: 1767126

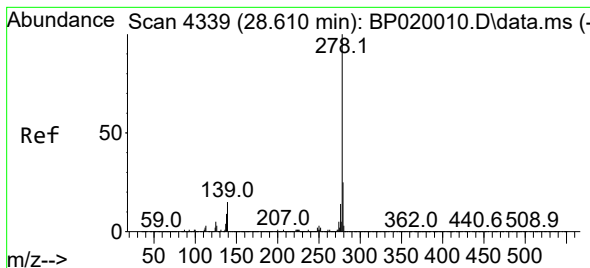
Ion Ratio Lower Upper

276 100

138 15.2 13.1 19.7

277 23.4 19.5 29.3





#95

Dibenzo(a,h)anthracene

Concen: 25.289 ng/ul

RT: 28.644 min Scan# 41

Delta R.T. -0.006 min

Lab File: BP020019.D

Acq: 28 Mar 2024 20:56

Instrument :

BNA_P

ClientSampleId :

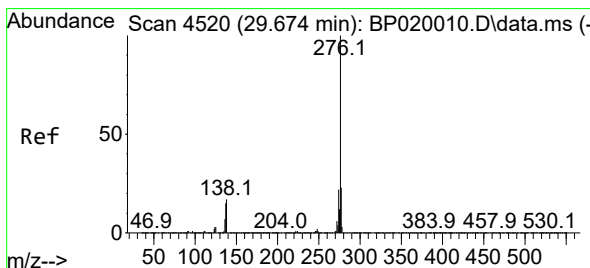
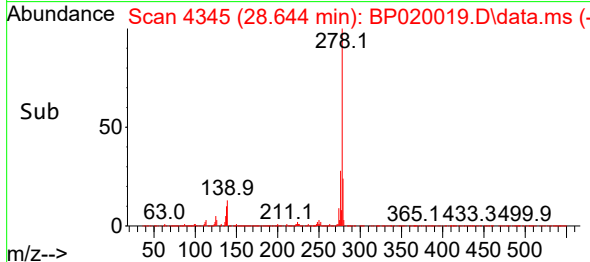
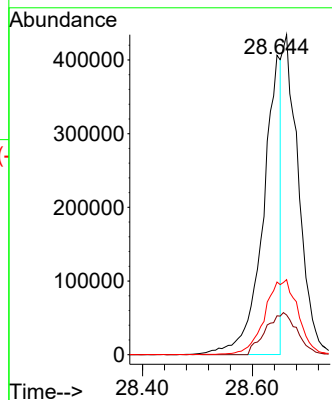
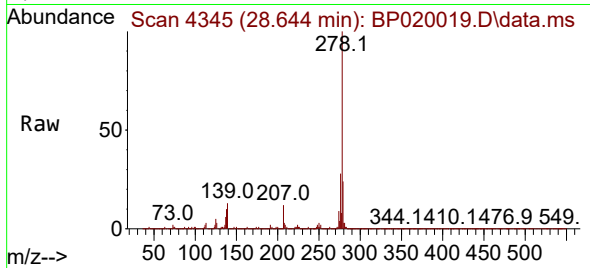
Tgt Ion:278 Resp: 924098

Ion Ratio Lower Upper

278 100

139 13.0 11.4 17.2

279 24.3 19.7 29.5



#96

Benzo(g,h,i)perylene

Concen: 48.705 ng/ul

RT: 29.721 min Scan# 4528

Delta R.T. -0.000 min

Lab File: BP020019.D

Acq: 28 Mar 2024 20:56

Tgt Ion:276 Resp: 1767321

Ion Ratio Lower Upper

276 100

138 17.1 15.5 23.3

277 23.9 18.8 28.2

