

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072624\
 Data File : BP021167.D
 Acq On : 26 Jul 2024 12:12
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 26 22:45:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 25 00:15:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.651	152	148828	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	584812	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.292	164	379077	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	808548	20.000	ng/u1	0.01
79) Chrysene-d12	21.562	240	829564	20.000	ng/u1	0.00
88) Perylene-d12	24.868	264	997153	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	26975	8.248	ng/uL	0.00
4) Pyridine-d5	3.599	84	177906	18.789	ng/u1	0.00
7) Phenol-d5	6.869	99	229096	18.881	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	138603	18.849	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	194554	19.461	ng/u1	0.00
15) 4-Methylphenol-d8	8.381	113	180385	17.900	ng/u1	0.00
21) Nitrobenzene-d5	8.804	128	89156	19.628	ng/u1	0.00
24) 2-Nitrophenol-d4	9.516	143	105628	20.317	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	188327	20.033	ng/u1	0.00
31) 4-Chloroaniline-d4	10.575	131	249662	20.047	ng/u1	0.00
46) Dimethylphthalate-d6	13.710	166	544006	19.741	ng/u1	0.01
49) Acenaphthylene-d8	13.986	160	611371	19.758	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	102029	26.023	ng/u1	0.00
60) Fluorene-d10	15.310	176	461041	20.393	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.480	200	89418	18.278	ng/u1	0.01
73) Anthracene-d10	17.210	188	721129	20.081	ng/u1	0.00
81) Pyrene-d10	19.598	212	871071	16.984	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.645	264	970787	19.740	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	29066	8.081	ng/uL	97
5) Pyridine	3.616	79	188610	19.313	ng/u1	99
6) Benzaldehyde	6.816	77	141282	23.096	ng/u1	99
8) Phenol	6.899	94	230402	18.766	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.087	93	187108	18.448	ng/u1	97
12) 2-Chlorophenol	7.234	128	192632	19.226	ng/u1	98
13) 2-Methylphenol	8.110	108	175567	18.490	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.157	45	265027	18.086	ng/u1	95
16) Acetophenone	8.469	105	285908	18.382	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.446	70	141183	17.324	ng/u1	98
18) 4-Methylphenol	8.446	108	185800	18.265	ng/u1	94
19) Hexachloroethane	8.704	117	84820	18.838	ng/u1	99
22) Nitrobenzene	8.851	77	217116	19.954	ng/u1	100
23) Isophorone	9.369	82	399486	18.468	ng/u1	99
25) 2-Nitrophenol	9.551	139	110465	20.373	ng/u1	96
26) 2,4-Dimethylphenol	9.622	107	211503	19.781	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.840	93	246913	18.778	ng/u1	100
29) 2,4-Dichlorophenol	10.104	162	183630	19.820	ng/u1	98
30) Naphthalene	10.469	128	611837	19.890	ng/u1	99
32) 4-Chloroaniline	10.598	127	234832	19.746	ng/u1	98
33) Hexachlorobutadiene	10.728	225	136900	19.707	ng/u1	98
34) Caprolactam	11.428	113	58898	20.636	ng/u1	89
35) 4-Chloro-3-methylphenol	11.757	107	195297	19.392	ng/u1	97
36) 2-Methylnaphthalene	12.081	142	407608	19.303	ng/u1	100

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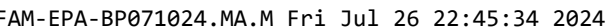
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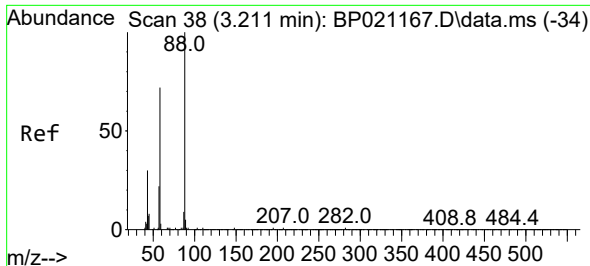
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 25 00:15:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.310	142	416989	19.201	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.457	216	245012	19.902	ng/ul	99
40) Hexachlorocyclopentadiene	12.410	237	99498	15.450	ng/ul	99
41) 2,4,6-Trichlorophenol	12.728	196	152073	19.549	ng/ul	97
42) 2,4,5-Trichlorophenol	12.816	196	159080	19.328	ng/ul	100
43) 1,1'-Biphenyl	13.104	154	529924	19.128	ng/ul	100
44) 2-Chloronaphthalene	13.145	162	434002	19.624	ng/ul	99
45) 2-Nitroaniline	13.398	65	125919	20.588	ng/ul	100
47) Dimethylphthalate	13.751	163	552904	19.774	ng/ul	99
48) 2,6-Dinitrotoluene	13.886	165	112493	20.123	ng/ul	96
50) Acenaphthylene	14.016	152	687369	19.620	ng/ul	99
51) 3-Nitroaniline	14.233	138	111990	23.022	ng/ul	97
52) Acenaphthene	14.363	153	461979	19.868	ng/ul	98
53) 2,4-Dinitrophenol	14.475	184	66521	22.659	ng/ul	98
55) 4-Nitrophenol	14.616	109	68206	21.386	ng/ul	83
56) Dibenzofuran	14.704	168	635502	19.958	ng/ul	97
57) 2,4-Dinitrotoluene	14.710	165	163633	21.323	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.957	232	134089	19.025	ng/ul	95
59) Diethylphthalate	15.145	149	558892	20.001	ng/ul	98
61) Fluorene	15.369	166	516448	19.875	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.357	204	275066	19.508	ng/ul	97
63) 4-Nitroaniline	15.428	138	105079	26.084	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.498	198	91755	17.686	ng/ul#	99
67) N-Nitrosodiphenylamine	15.592	169	448378	19.044	ng/ul	99
68) 4-Bromophenyl-phenylether	16.280	248	180126	19.006	ng/ul	99
69) Hexachlorobenzene	16.392	284	212036	19.513	ng/ul	98
70) Atrazine	16.575	200	179796	20.953	ng/ul	99
71) Pentachlorophenol	16.769	266	121698	20.620	ng/ul	98
72) Phenanthrene	17.157	178	834872	19.904	ng/ul	99
74) Anthracene	17.245	178	859161	20.092	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.069	216	238570	18.435	ng/uL	99
76) Pentachlorobenzene	14.616	250	241116	18.750	ng/uL	99
77) Carbazole	17.551	167	762398	21.811	ng/ul	100
78) Di-n-butylphthalate	18.110	149	982513	20.373	ng/ul	100
80) Fluoranthene	19.251	202	1038713	16.771	ng/ul	99
82) Pyrene	19.627	202	1053706	16.718	ng/ul	99
83) Butylbenzylphthalate	20.568	149	463378	17.646	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.462	252	374035	19.732	ng/ul	100
85) Benzo(a)anthracene	21.539	228	1107652	19.061	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.451	149	680180	17.999	ng/ul	98
87) Chrysene	21.610	228	1040070	19.261	ng/ul	100
89) Di-n-octyl phthalate	22.704	149	1212988	18.414	ng/ul	100
90) Benzo(b)fluoranthene	23.821	252	1159252	19.157	ng/ul	99
91) Benzo(k)fluoranthene	23.892	252	1142662	18.922	ng/ul	99
93) Benzo(a)pyrene	24.715	252	1121252	19.608	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.668	276	988638	13.417	ng/ul	98
95) Dibenzo(a,h)anthracene	28.721	278	1205517	19.757	ng/ul	100
96) Benzo(g,h,i)perylene	29.839	276	1183131	19.715	ng/ul	97

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

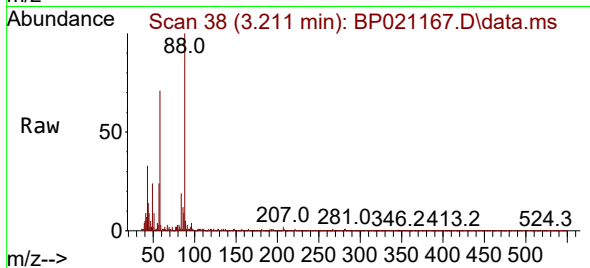
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
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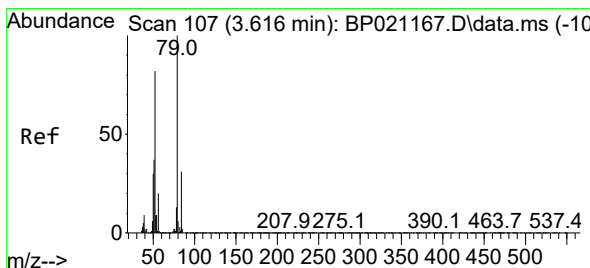
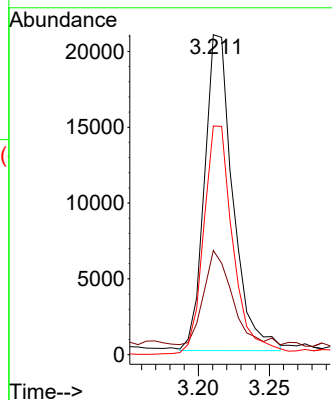
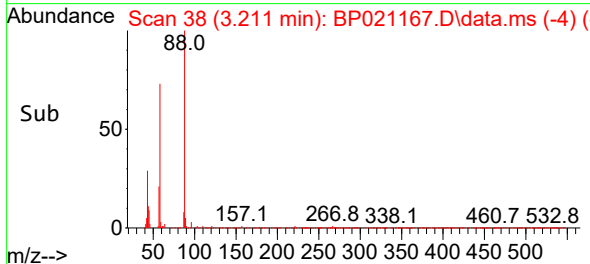


#2
1,4-Dioxane
Concen: 8.081 ng/uL
RT: 3.211 min Scan# 38
Delta R.T. -0.000 min
Lab File: BP021167.D
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Instrument :
BNA_P
ClientSampleId :

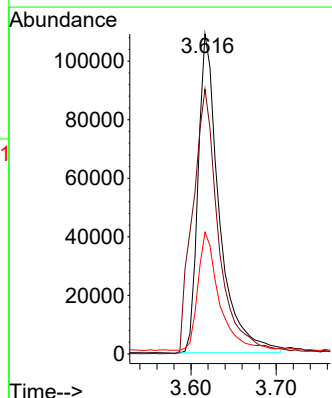
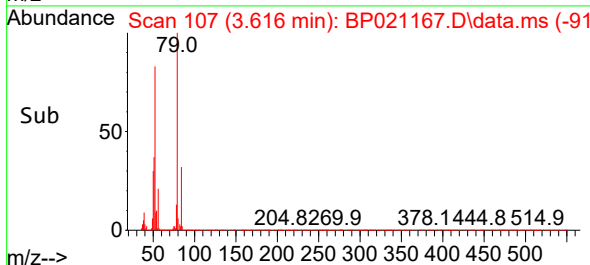
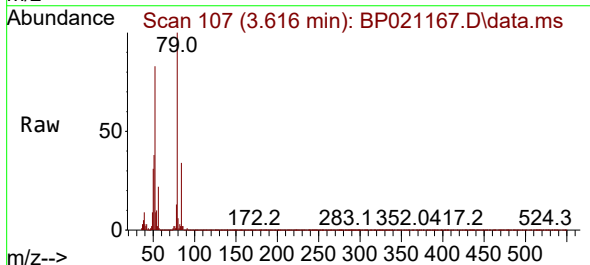


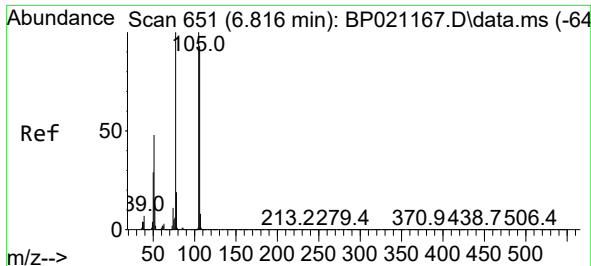
Tgt Ion: 88 Resp: 29066
Ion Ratio Lower Upper
88 100
43 32.5 25.4 38.0
58 71.5 59.2 88.8



#5
Pyridine
Concen: 19.313 ng/uL
RT: 3.616 min Scan# 107
Delta R.T. -0.006 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

Tgt Ion: 79 Resp: 188610
Ion Ratio Lower Upper
79 100
52 82.7 64.9 97.3
51 38.1 30.5 45.7

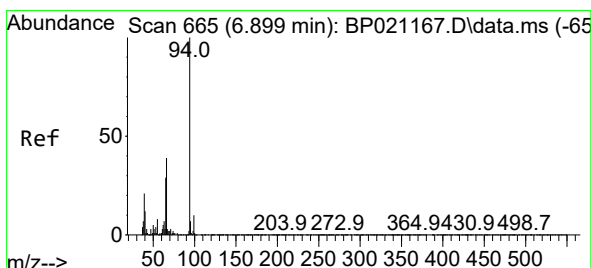
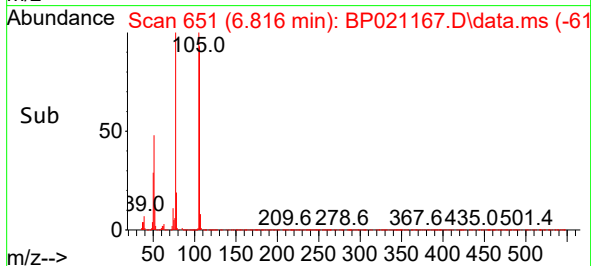
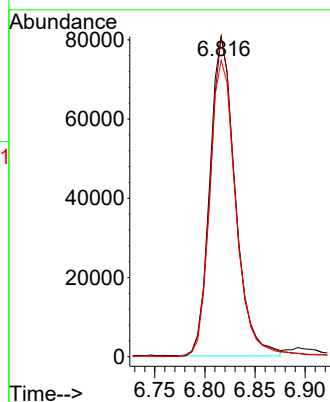
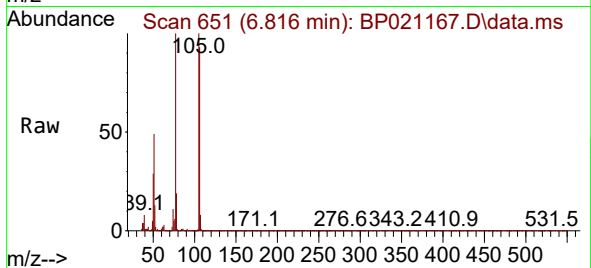




#6
Benzaldehyde
Concen: 23.096 ng/ul
RT: 6.816 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

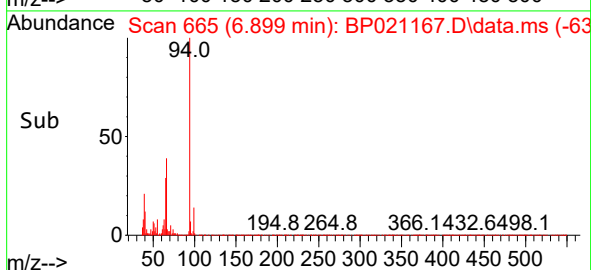
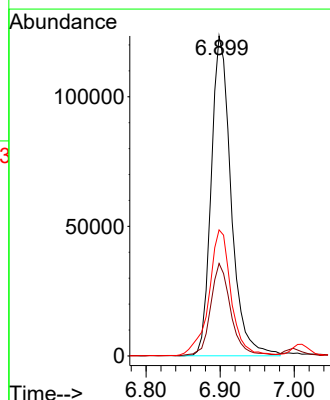
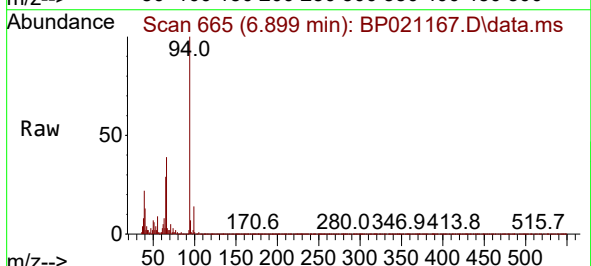
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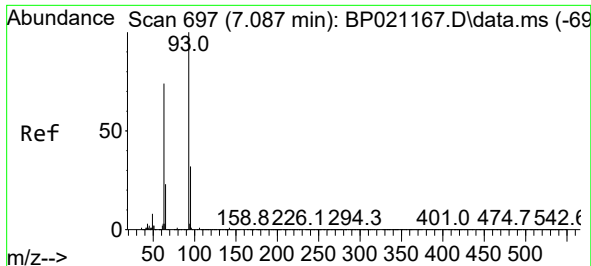
Tgt Ion: 77 Resp: 141282
Ion Ratio Lower Upper
77 100
105 100.0 79.3 118.9
106 92.6 74.6 112.0



#8
Phenol
Concen: 18.766 ng/ul
RT: 6.899 min Scan# 665
Delta R.T. -0.000 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

Tgt Ion: 94 Resp: 230402
Ion Ratio Lower Upper
94 100
65 28.9 23.4 35.0
66 39.4 33.9 50.9

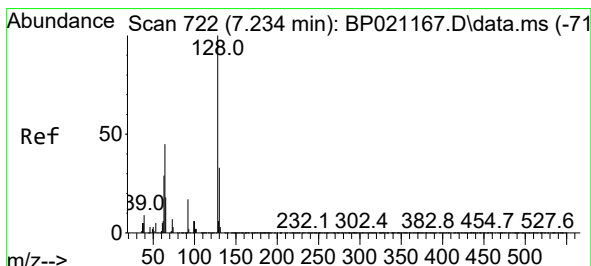
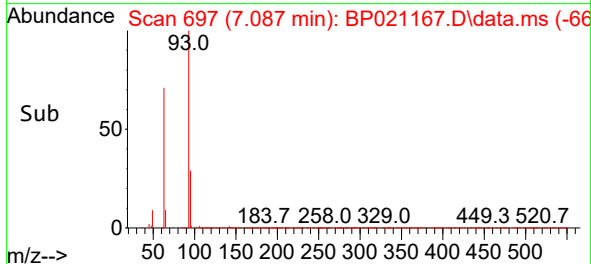
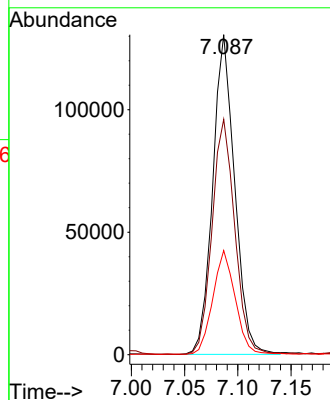
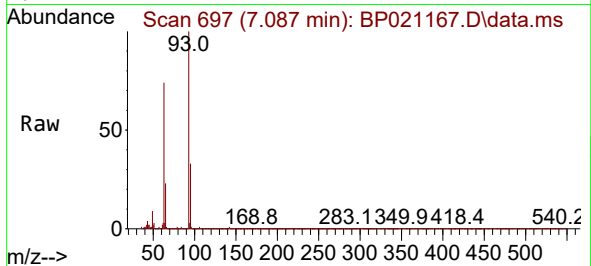




#10
Bis(2-Chloroethyl)ether
Concen: 18.448 ng/ul
RT: 7.087 min Scan# 697
Delta R.T. -0.000 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

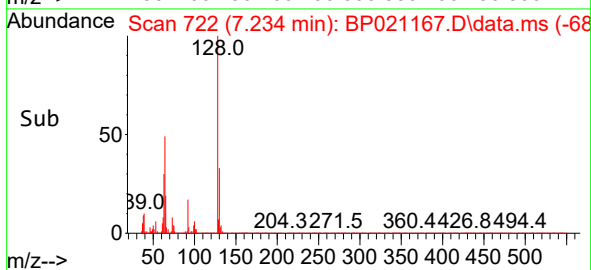
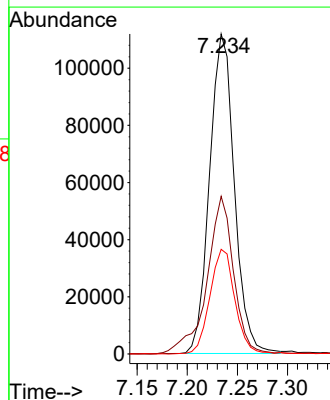
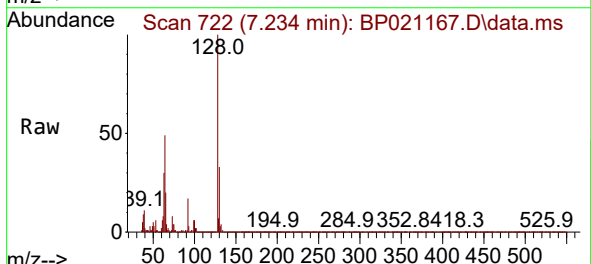
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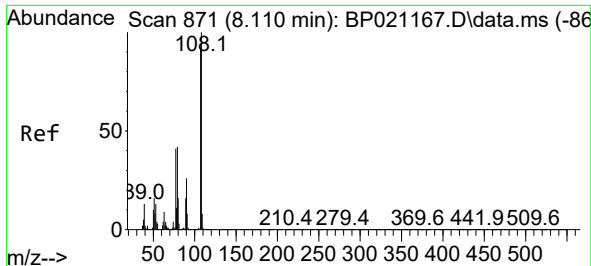
Tgt Ion: 93 Resp: 187108
Ion Ratio Lower Upper
93 100
63 73.6 61.5 92.3
95 32.6 25.1 37.7



#12
2-Chlorophenol
Concen: 19.226 ng/ul
RT: 7.234 min Scan# 722
Delta R.T. -0.000 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

Tgt Ion:128 Resp: 192632
Ion Ratio Lower Upper
128 100
64 49.2 37.9 56.9
130 32.7 25.6 38.4

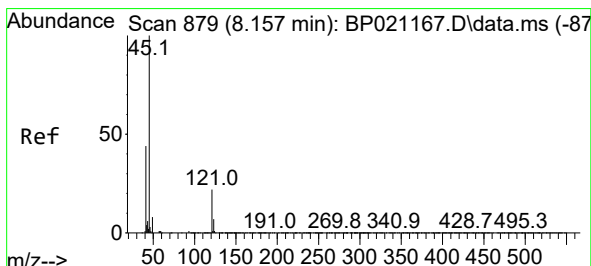
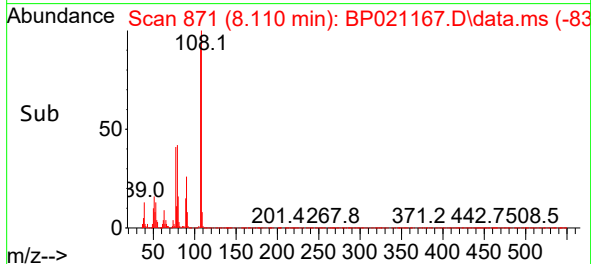
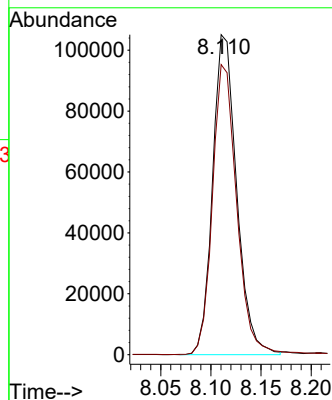
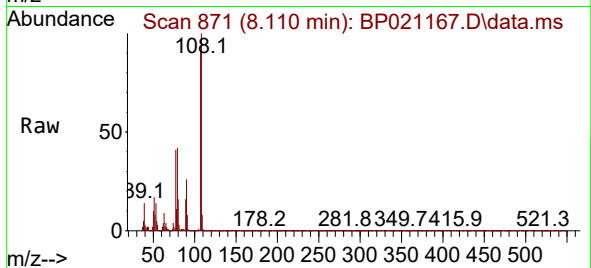




#13
2-Methylphenol
Concen: 18.490 ng/ul
RT: 8.110 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

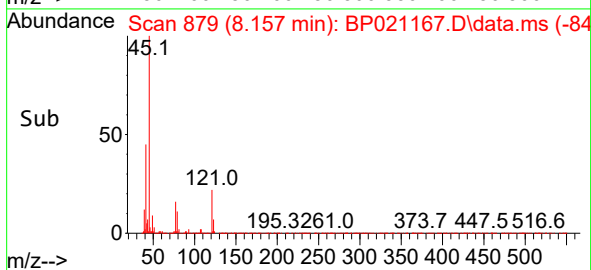
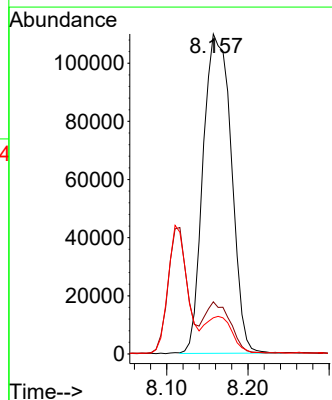
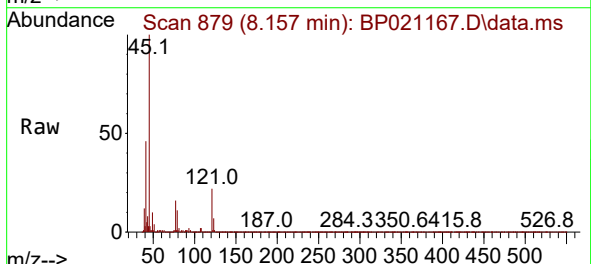
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ClientSampleId :

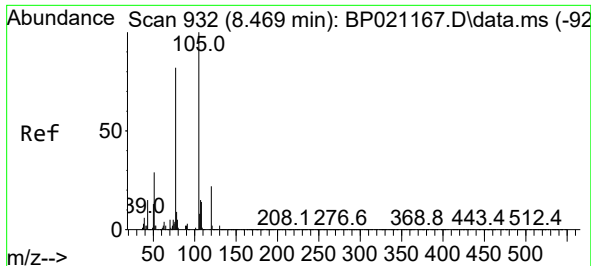
Tgt Ion:108 Resp: 175567
Ion Ratio Lower Upper
108 100
107 90.7 73.8 110.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 18.086 ng/ul
RT: 8.157 min Scan# 879
Delta R.T. -0.012 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

Tgt Ion: 45 Resp: 265027
Ion Ratio Lower Upper
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77 16.3 10.9 16.3
79 11.3 8.1 12.1

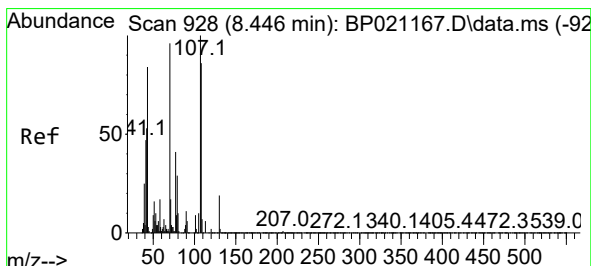
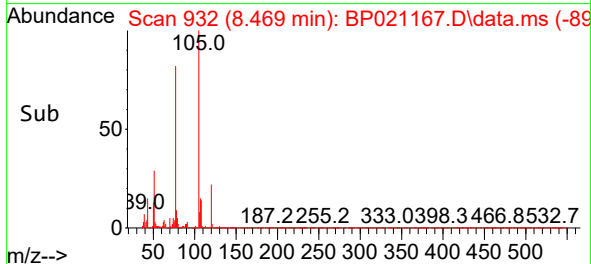
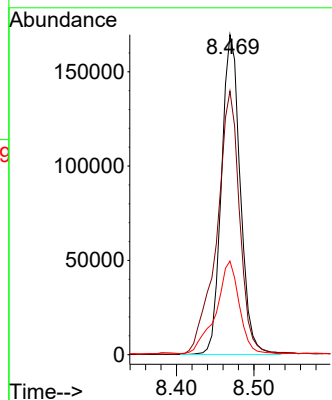
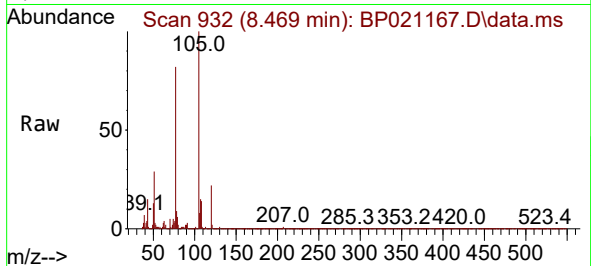




#16
Acetophenone
Concen: 18.382 ng/ul
RT: 8.469 min Scan# 911
Delta R.T. -0.000 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

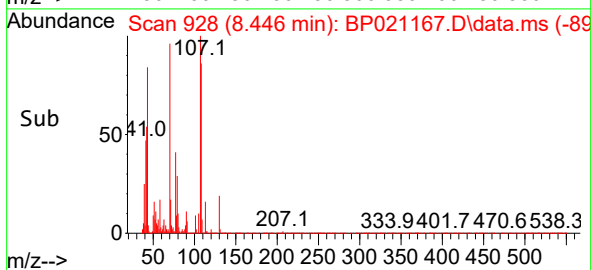
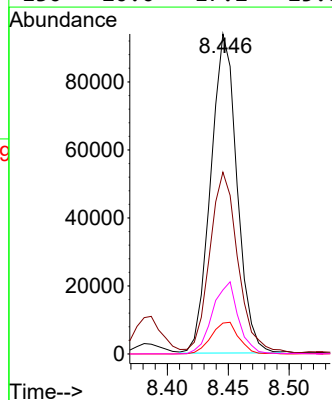
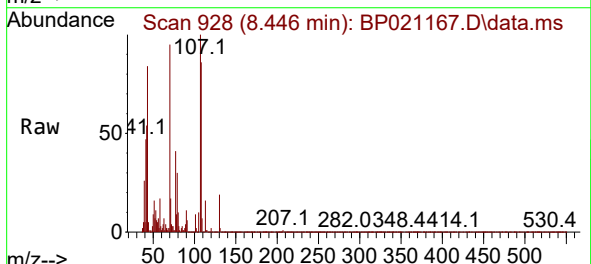
Instrument :
BNA_P
ClientSampleId :

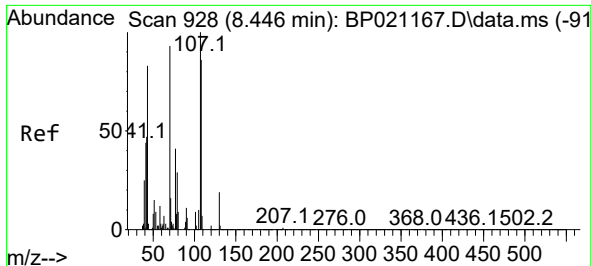
Tgt Ion:105 Resp: 285908
Ion Ratio Lower Upper
105 100
77 82.3 61.8 92.8
51 29.3 21.5 32.3



#17
N-Nitroso-di-n-propylamine
Concen: 17.324 ng/ul
RT: 8.446 min Scan# 928
Delta R.T. -0.000 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

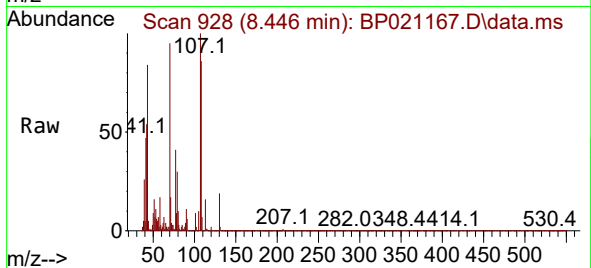
Tgt Ion: 70 Resp: 141183
Ion Ratio Lower Upper
70 100
42 56.8 46.6 69.8
101 9.6 7.4 11.0
130 20.0 17.2 25.8



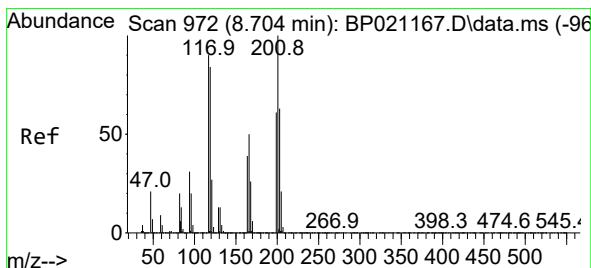
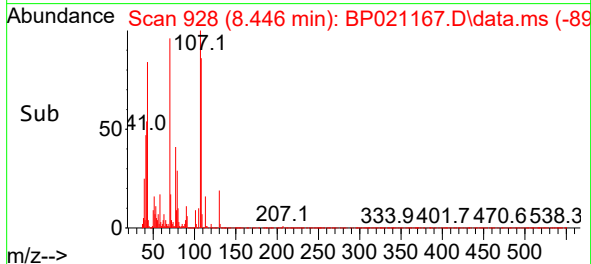
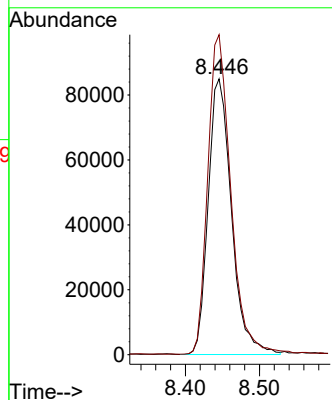


#18
4-Methylphenol
Concen: 18.265 ng/ul
RT: 8.446 min Scan# 912
Delta R.T. -0.000 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

Instrument :
BNA_P
ClientSampleId :

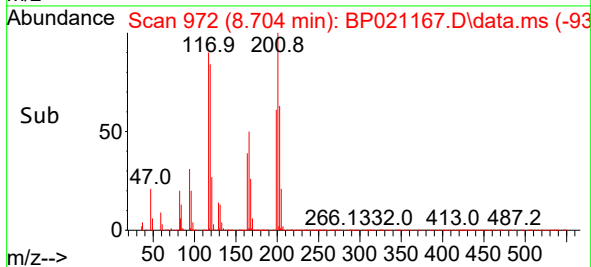
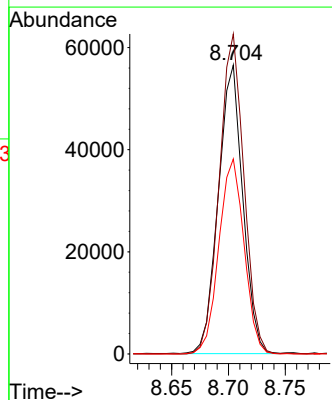
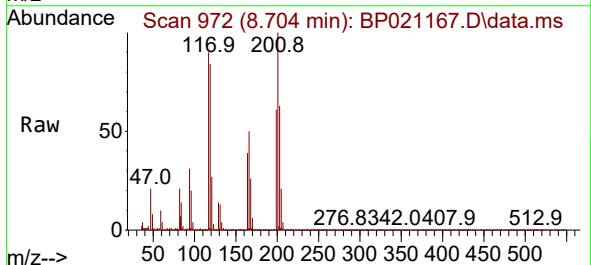


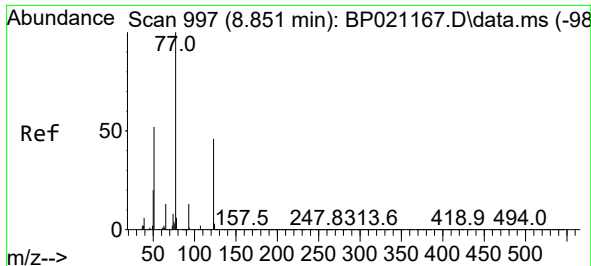
Tgt Ion:108 Resp: 185800
Ion Ratio Lower Upper
108 100
107 116.0 87.8 131.8



#19
Hexachloroethane
Concen: 18.838 ng/ul
RT: 8.704 min Scan# 972
Delta R.T. 0.006 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

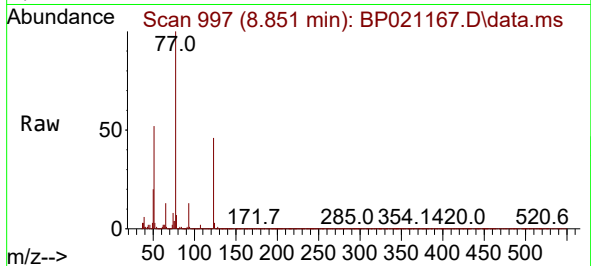
Tgt Ion:117 Resp: 84820
Ion Ratio Lower Upper
117 100
201 110.7 88.2 132.2
199 67.5 55.8 83.6



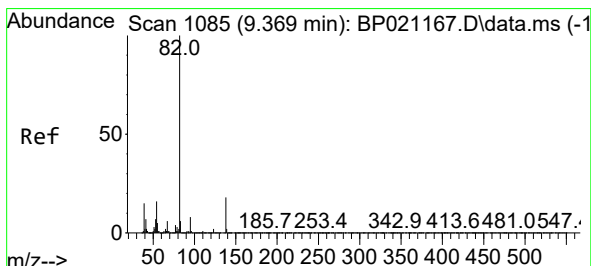
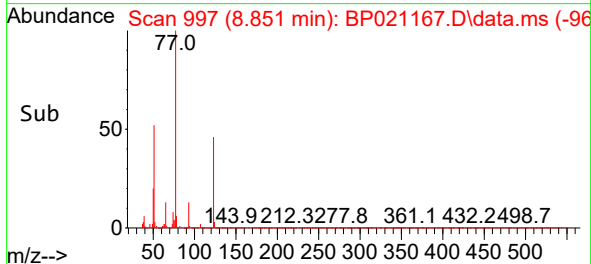
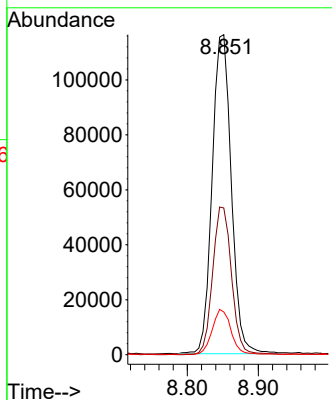


#22
Nitrobenzene
Concen: 19.954 ng/ul
RT: 8.851 min Scan# 997
Delta R.T. -0.000 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

Instrument :
BNA_P
ClientSampleId :

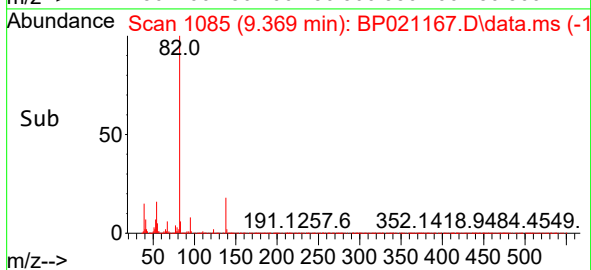
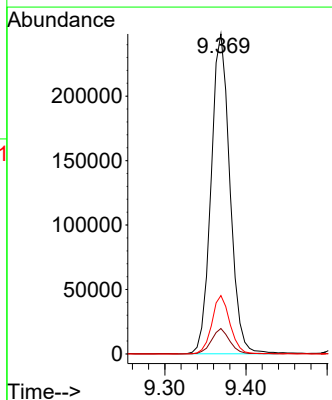
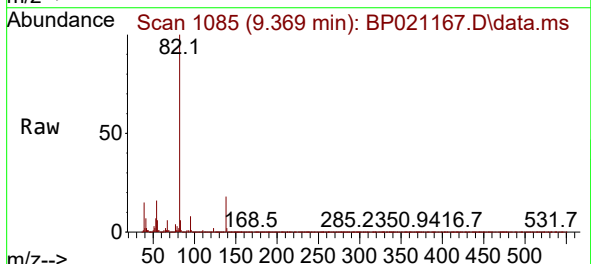


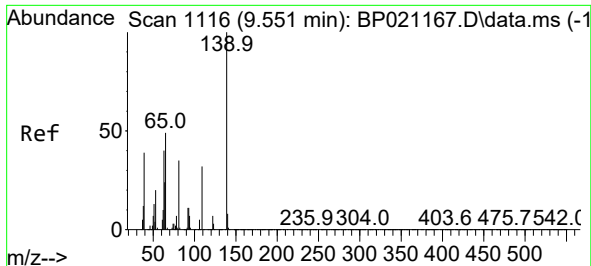
Tgt Ion: 77 Resp: 217116
Ion Ratio Lower Upper
77 100
123 45.9 36.7 55.1
65 13.4 11.1 16.7



#23
Isophorone
Concen: 18.468 ng/ul
RT: 9.369 min Scan# 1085
Delta R.T. -0.000 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

Tgt Ion: 82 Resp: 399486
Ion Ratio Lower Upper
82 100
95 7.9 6.1 9.1
138 18.2 14.4 21.6

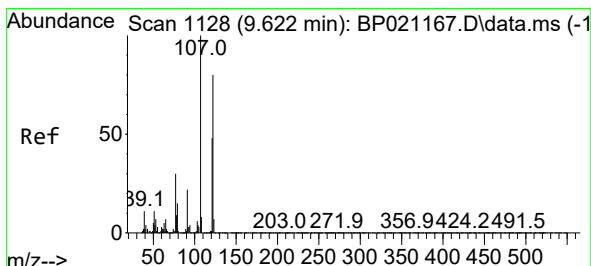
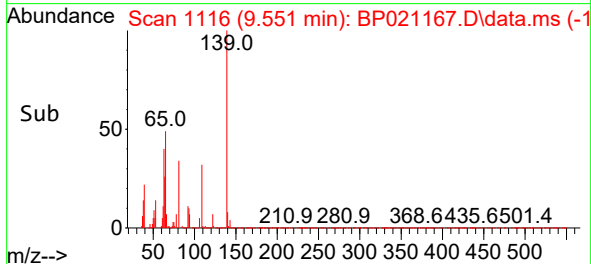
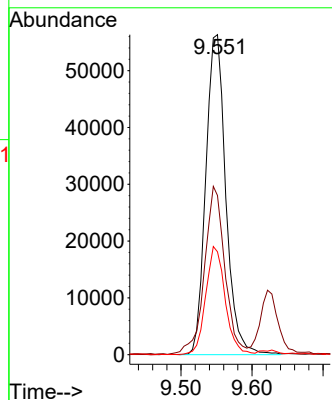
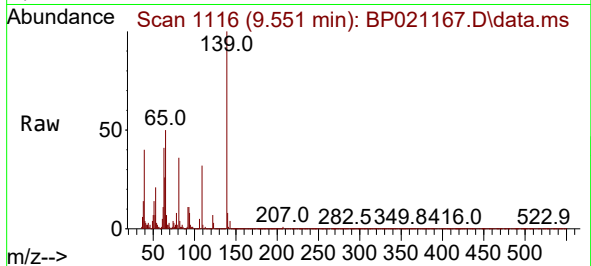




#25
2-Nitrophenol
Concen: 20.373 ng/ul
RT: 9.551 min Scan# 1116
Delta R.T. -0.000 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

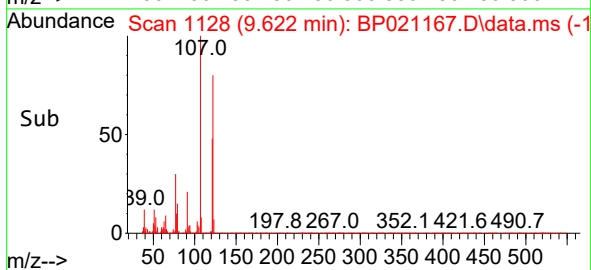
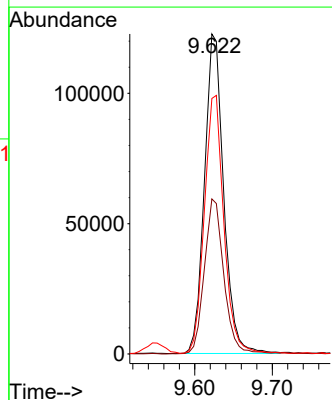
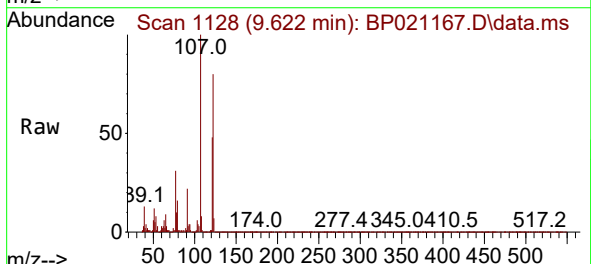
Instrument :
BNA_P
ClientSampleId :

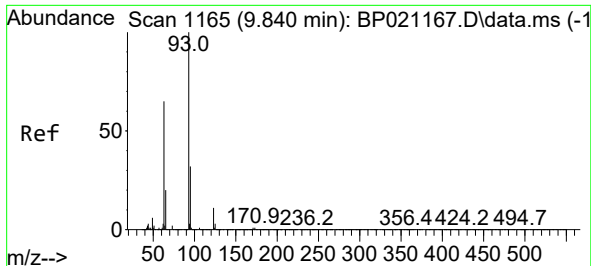
Tgt Ion:139 Resp: 110465
Ion Ratio Lower Upper
139 100
65 49.8 42.9 64.3
109 32.2 26.2 39.4



#26
2,4-Dimethylphenol
Concen: 19.781 ng/ul
RT: 9.622 min Scan# 1128
Delta R.T. -0.000 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

Tgt Ion:107 Resp: 211503
Ion Ratio Lower Upper
107 100
121 48.4 39.6 59.4
122 79.8 66.3 99.5

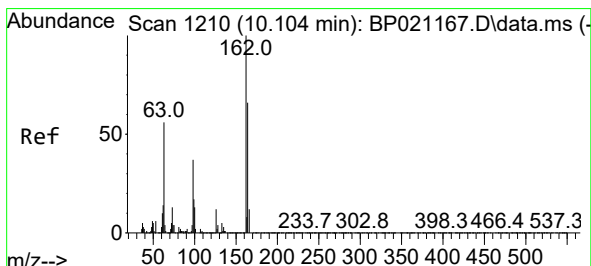
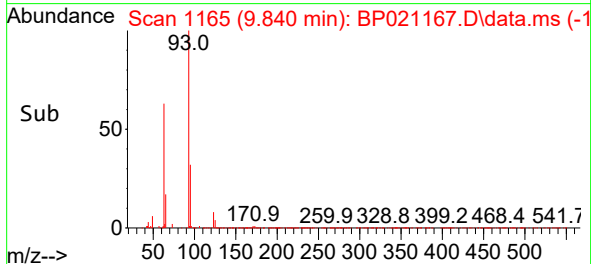
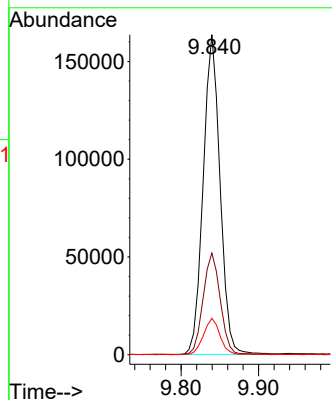
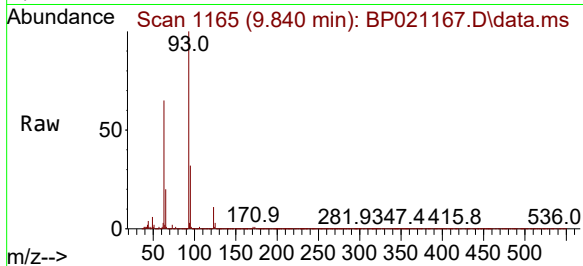




#27
 Bis(2-Chloroethoxy)methane
 Concen: 18.778 ng/ul
 RT: 9.840 min Scan# 1165
 Delta R.T. 0.006 min
 Lab File: BP021167.D
 Acq: 26 Jul 2024 12:12

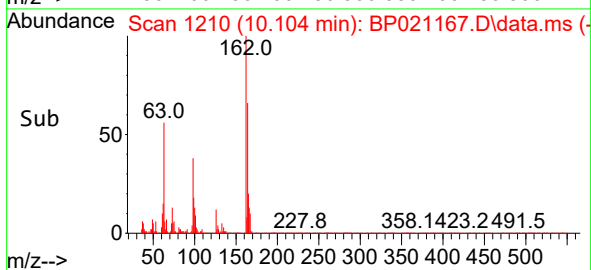
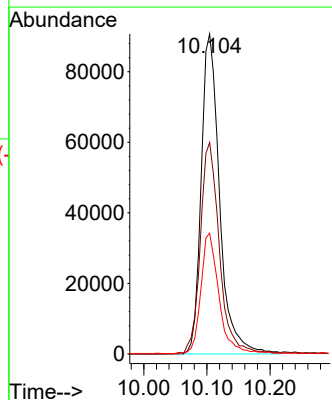
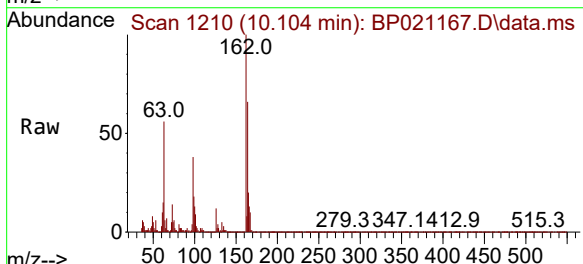
Instrument :
 BNA_P
 ClientSampleId :

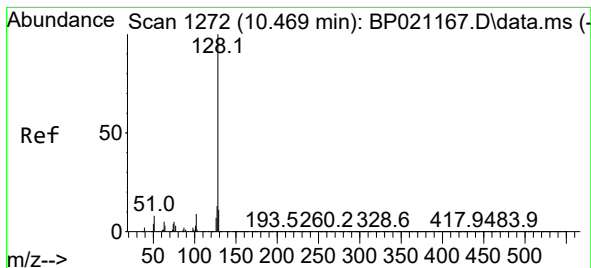
Tgt Ion: 93 Resp: 246913
 Ion Ratio Lower Upper
 93 100
 95 31.7 25.5 38.3
 123 11.4 9.0 13.4



#29
 2,4-Dichlorophenol
 Concen: 19.820 ng/ul
 RT: 10.104 min Scan# 1210
 Delta R.T. 0.006 min
 Lab File: BP021167.D
 Acq: 26 Jul 2024 12:12

Tgt Ion:162 Resp: 183630
 Ion Ratio Lower Upper
 162 100
 164 66.1 53.3 79.9
 98 37.8 28.7 43.1





#30

Naphthalene

Concen: 19.890 ng/ul

RT: 10.469 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BP021167.D

Acq: 26 Jul 2024 12:12

Instrument :

BNA_P

ClientSampleId :

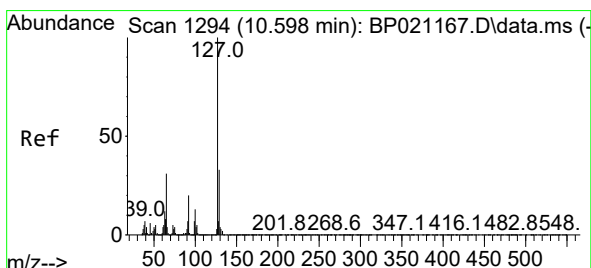
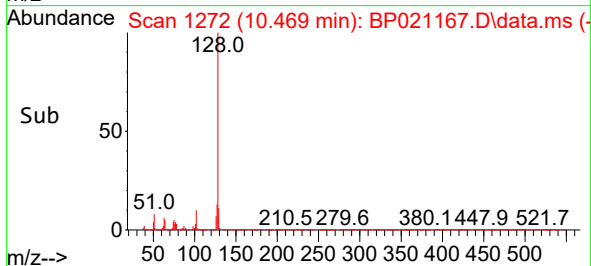
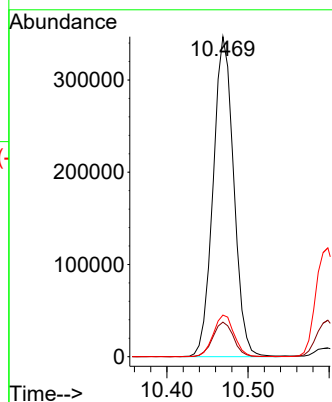
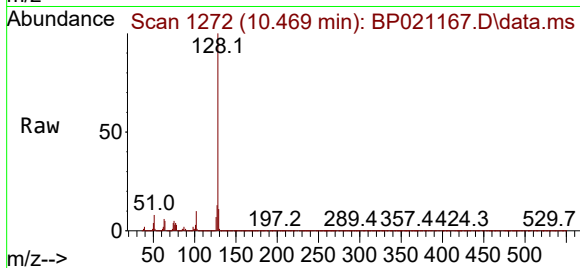
Tgt Ion:128 Resp: 611837

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

127 13.0 10.8 16.2



#32

4-Chloroaniline

Concen: 19.746 ng/ul

RT: 10.598 min Scan# 1294

Delta R.T. 0.006 min

Lab File: BP021167.D

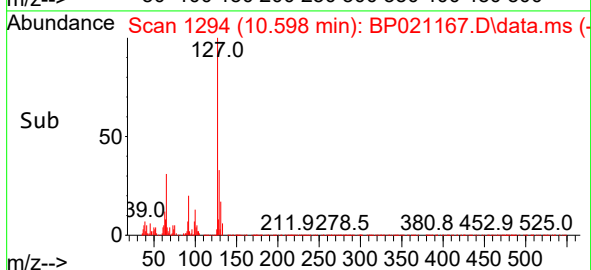
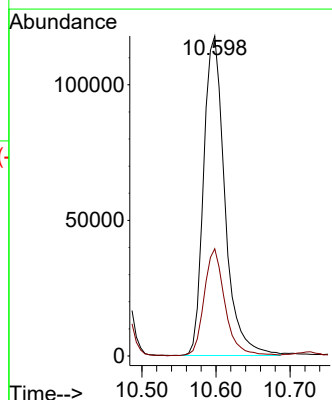
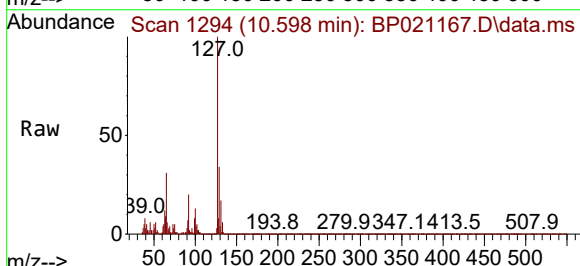
Acq: 26 Jul 2024 12:12

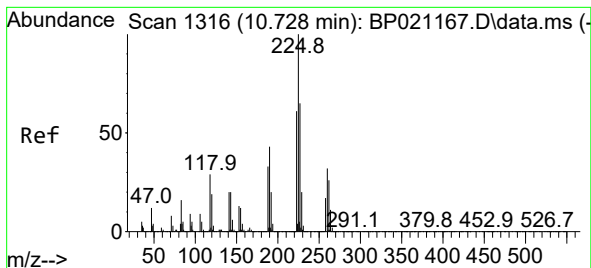
Tgt Ion:127 Resp: 234832

Ion Ratio Lower Upper

127 100

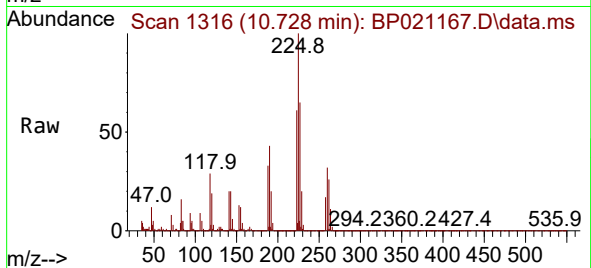
129 33.5 26.1 39.1



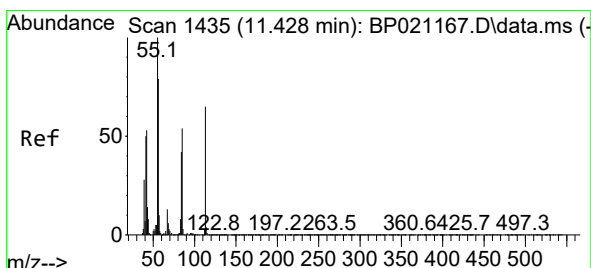
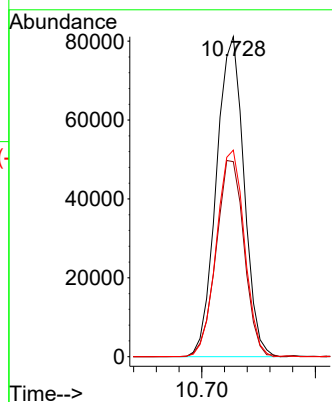
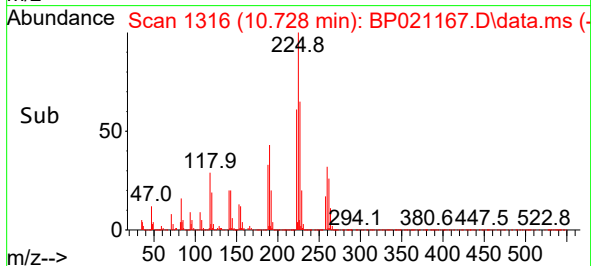


#33
Hexachlorobutadiene
Concen: 19.707 ng/ul
RT: 10.728 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

Instrument :
BNA_P
ClientSampleId :

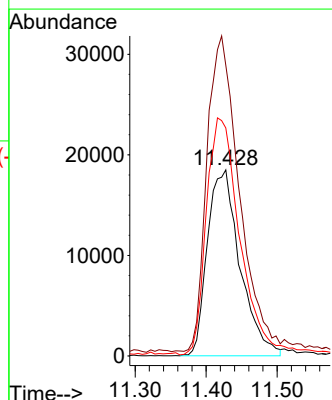
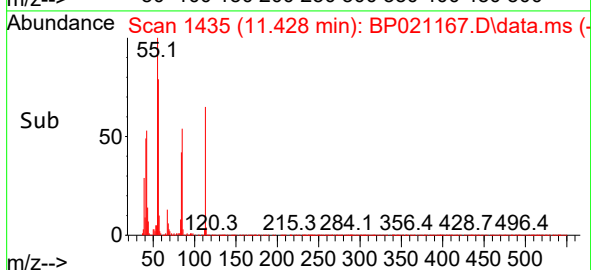
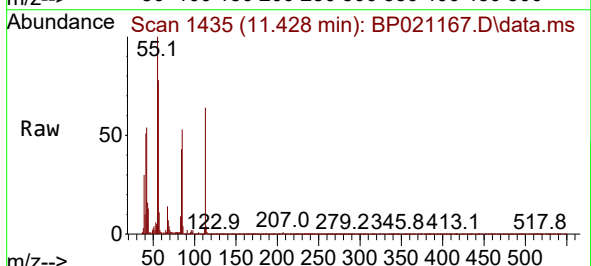


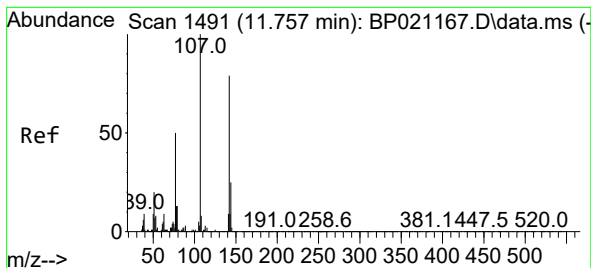
Tgt Ion:225 Resp: 136900
Ion Ratio Lower Upper
225 100
223 60.9 50.2 75.2
227 64.6 50.6 75.8



#34
Caprolactam
Concen: 20.636 ng/ul
RT: 11.428 min Scan# 1435
Delta R.T. -0.018 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

Tgt Ion:113 Resp: 58898
Ion Ratio Lower Upper
113 100
55 156.2 140.2 210.4
56 122.5 105.5 158.3

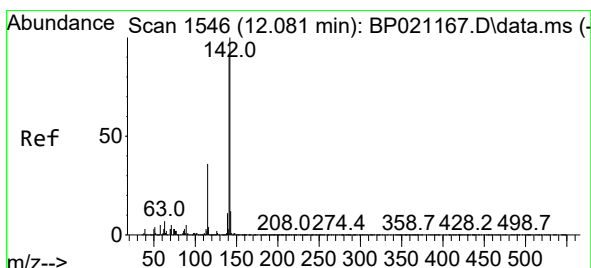
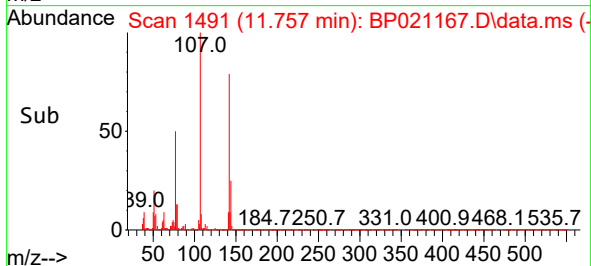
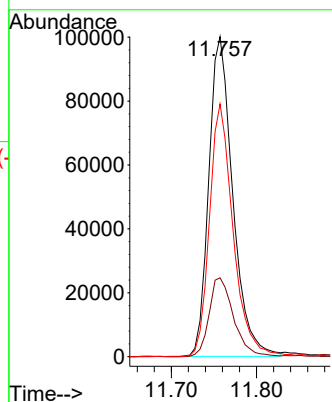
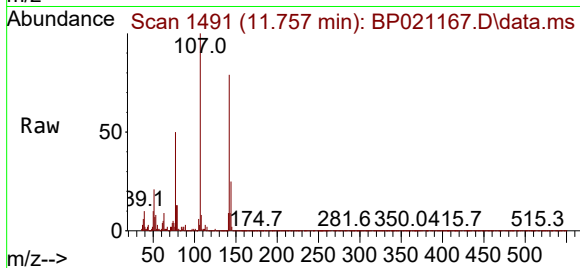




#35
4-Chloro-3-methylphenol
Concen: 19.392 ng/ul
RT: 11.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

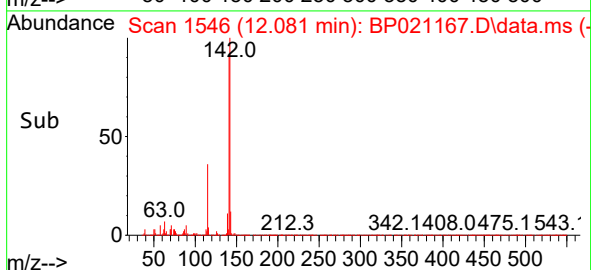
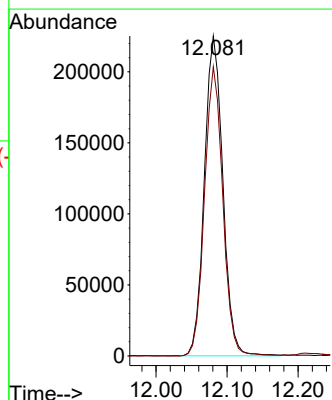
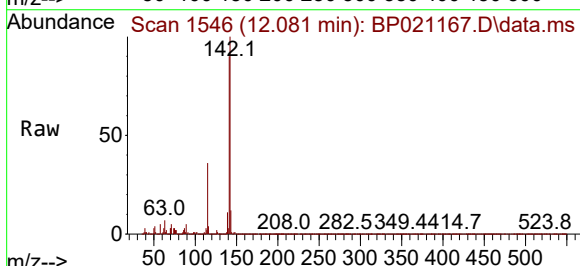
Instrument :
BNA_P
ClientSampleId :

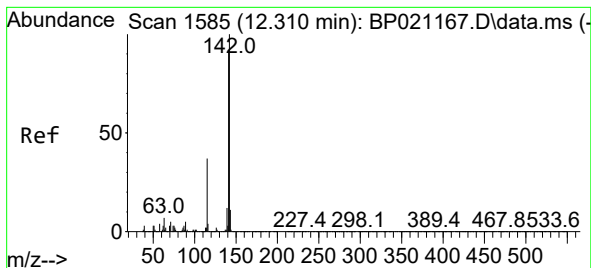
Tgt Ion:107 Resp: 195297
Ion Ratio Lower Upper
107 100
144 24.6 19.3 28.9
142 79.0 60.7 91.1



#36
2-Methylnaphthalene
Concen: 19.303 ng/ul
RT: 12.081 min Scan# 1546
Delta R.T. -0.006 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

Tgt Ion:142 Resp: 407608
Ion Ratio Lower Upper
142 100
141 90.3 72.6 108.8





#37

1-Methylnaphthalene

Concen: 19.201 ng/ul

RT: 12.310 min Scan# 1585

Delta R.T. 0.006 min

Lab File: BP021167.D

Acq: 26 Jul 2024 12:12

Instrument :

BNA_P

ClientSampleId :

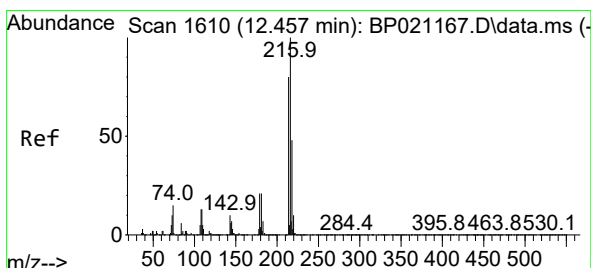
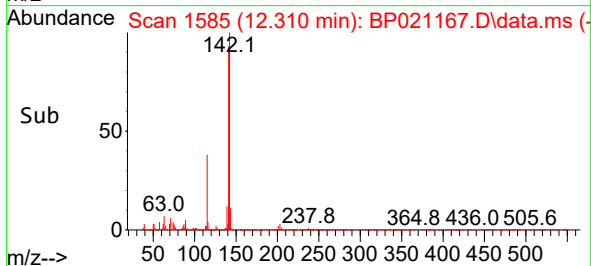
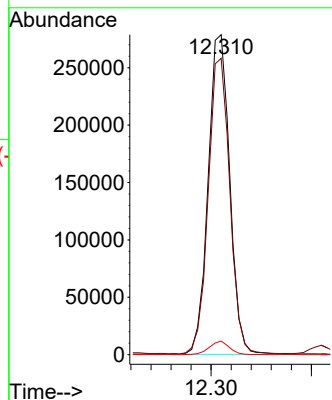
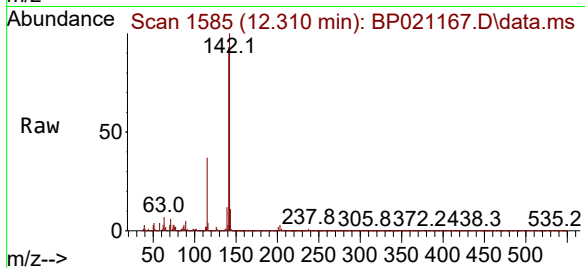
Tgt Ion:142 Resp: 416989

Ion Ratio Lower Upper

142 100

141 92.6 75.0 112.6

116 4.3 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 19.902 ng/ul

RT: 12.457 min Scan# 1610

Delta R.T. -0.000 min

Lab File: BP021167.D

Acq: 26 Jul 2024 12:12

Tgt Ion:216 Resp: 245012

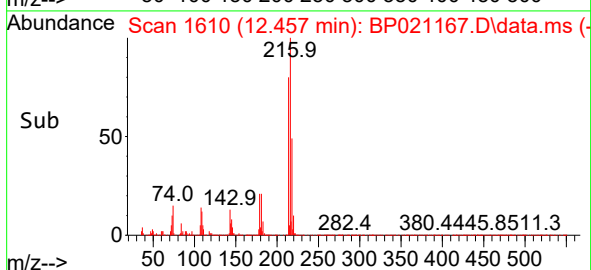
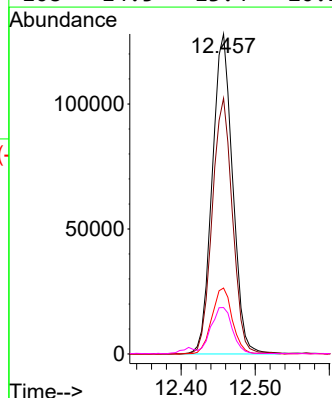
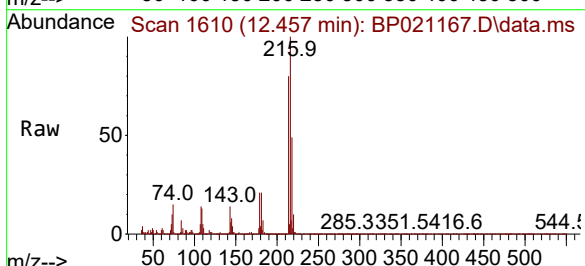
Ion Ratio Lower Upper

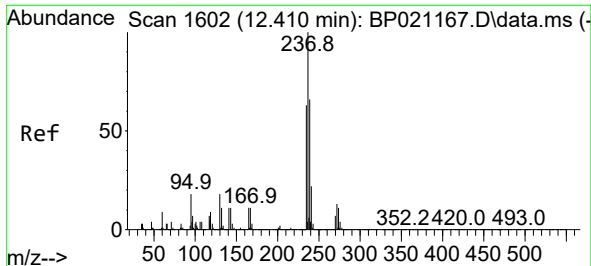
216 100

214 79.9 64.2 96.4

179 20.6 16.6 24.8

108 14.5 13.4 20.2

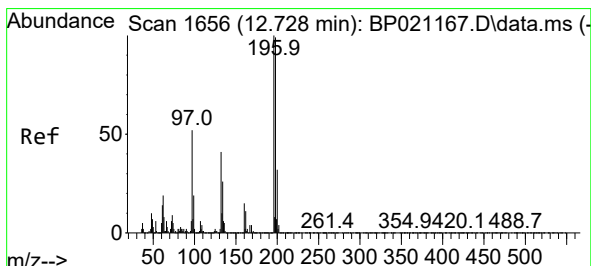
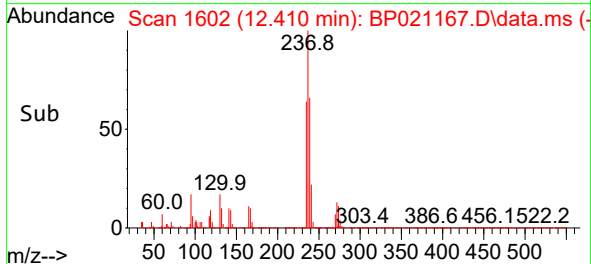
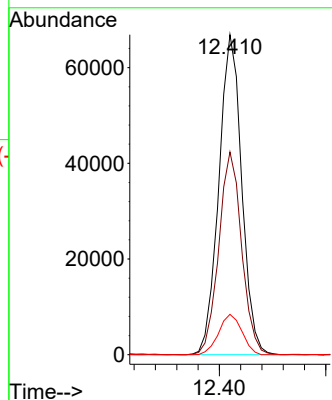
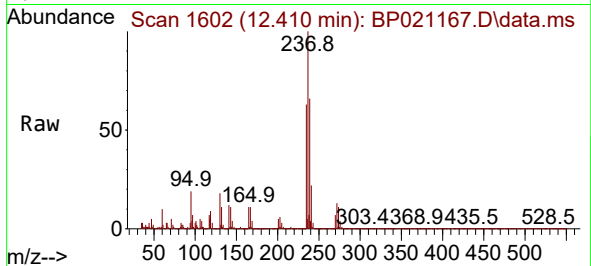




#40
Hexachlorocyclopentadiene
Concen: 15.450 ng/ul
RT: 12.410 min Scan# 1602
Delta R.T. -0.006 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

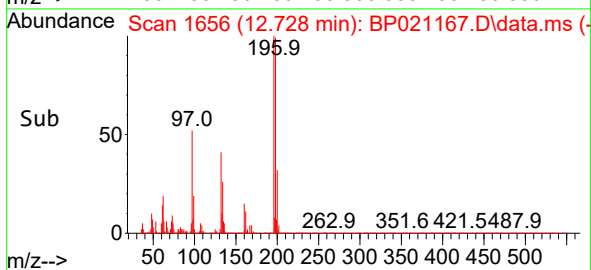
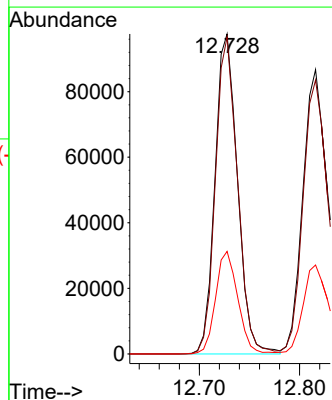
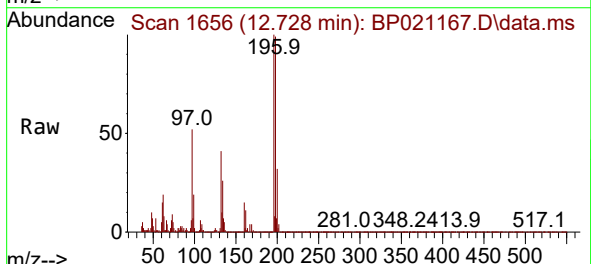
Instrument :
BNA_P
ClientSampleId :

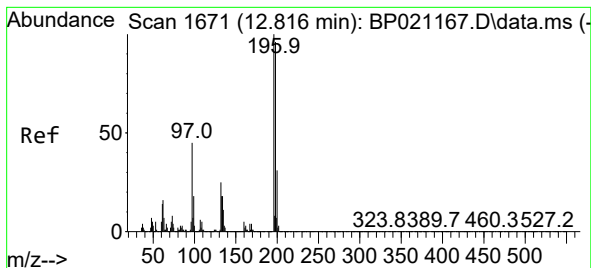
Tgt Ion:237 Resp: 99498
Ion Ratio Lower Upper
237 100
235 63.4 49.7 74.5
272 12.6 10.2 15.2



#41
2,4,6-Trichlorophenol
Concen: 19.549 ng/ul
RT: 12.728 min Scan# 1656
Delta R.T. 0.011 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

Tgt Ion:196 Resp: 152073
Ion Ratio Lower Upper
196 100
198 99.1 76.6 115.0
200 32.0 26.0 39.0

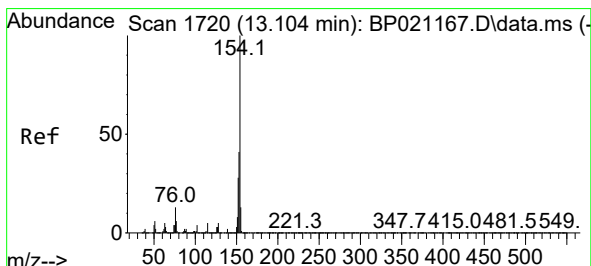
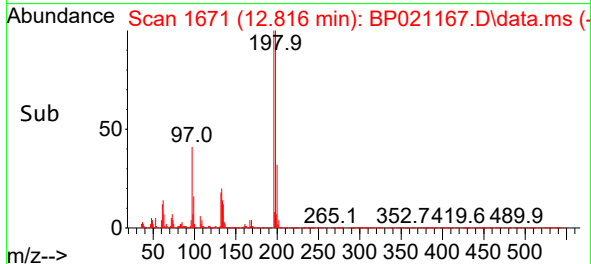
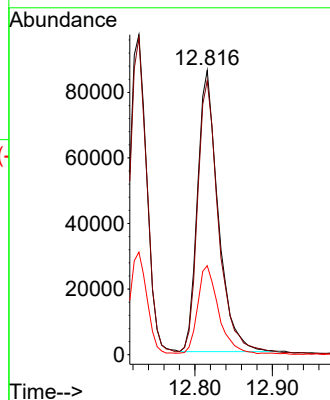
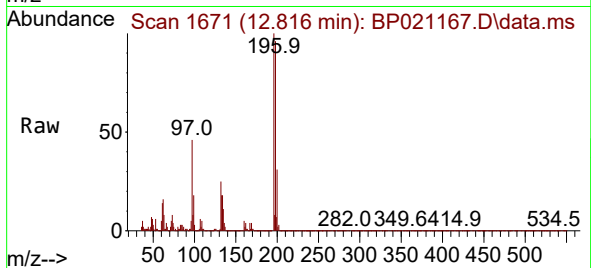




#42
2,4,5-Trichlorophenol
Concen: 19.328 ng/ul
RT: 12.816 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

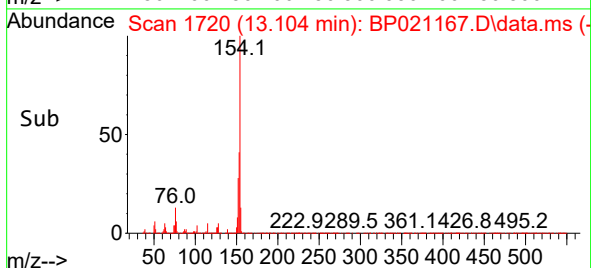
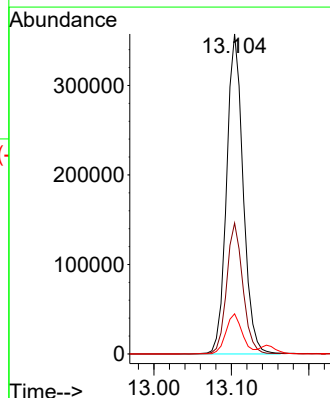
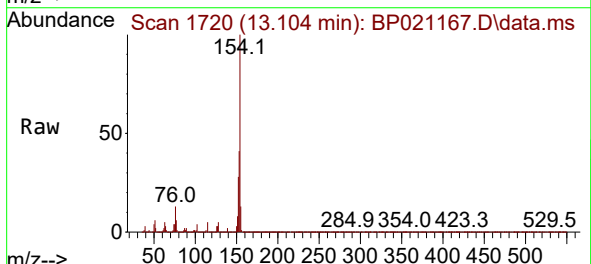
Instrument :
BNA_P
ClientSampleId :

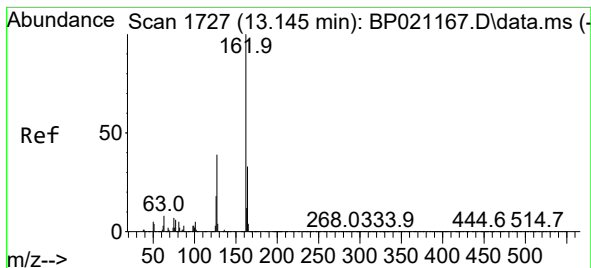
Tgt Ion:196 Resp: 159080
Ion Ratio Lower Upper
196 100
198 96.3 77.1 115.7
200 31.3 25.3 37.9



#43
1,1'-Biphenyl
Concen: 19.128 ng/ul
RT: 13.104 min Scan# 1720
Delta R.T. -0.000 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

Tgt Ion:154 Resp: 529924
Ion Ratio Lower Upper
154 100
153 40.9 32.7 49.1
76 12.5 9.4 14.2





#44

2-Chloronaphthalene

Concen: 19.624 ng/ul

RT: 13.145 min Scan# 1727

Delta R.T. -0.006 min

Lab File: BP021167.D

Acq: 26 Jul 2024 12:12

Instrument :

BNA_P

ClientSampleId :

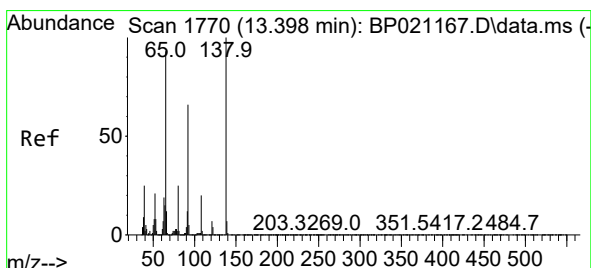
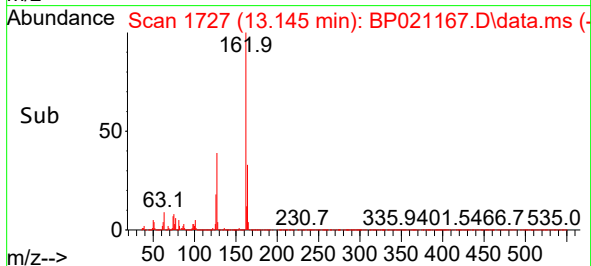
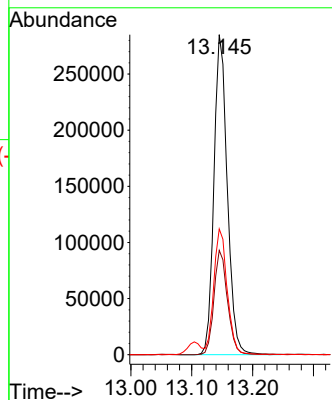
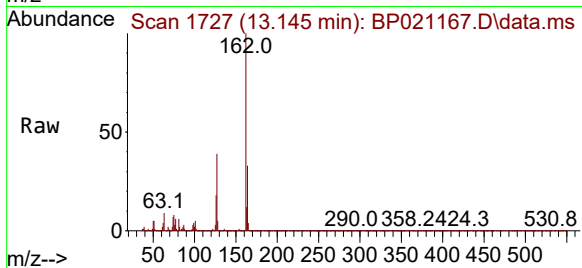
Tgt Ion:162 Resp: 434002

Ion Ratio Lower Upper

162 100

164 32.6 26.3 39.5

127 39.3 31.8 47.8



#45

2-Nitroaniline

Concen: 20.588 ng/ul

RT: 13.398 min Scan# 1770

Delta R.T. 0.006 min

Lab File: BP021167.D

Acq: 26 Jul 2024 12:12

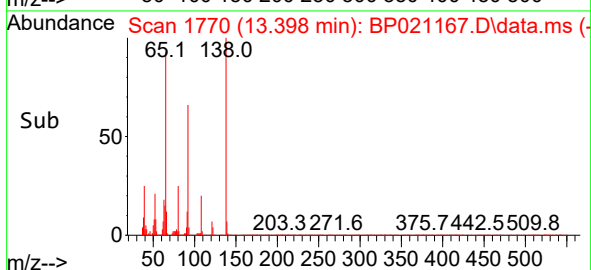
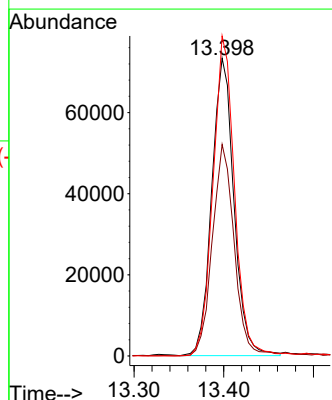
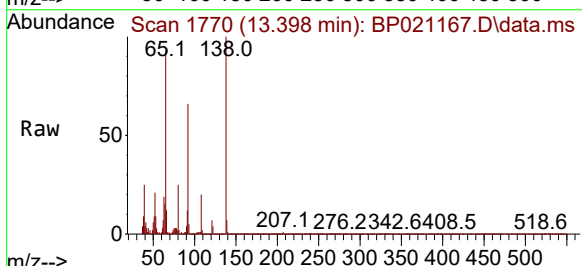
Tgt Ion: 65 Resp: 125919

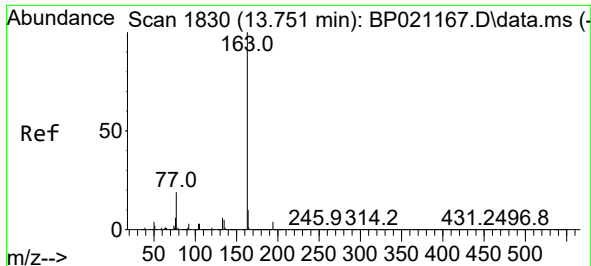
Ion Ratio Lower Upper

65 100

92 71.0 56.7 85.1

138 107.5 85.6 128.4





#47

Dimethylphthalate

Concen: 19.774 ng/ul

RT: 13.751 min Scan# 1830

Delta R.T. 0.006 min

Lab File: BP021167.D

Acq: 26 Jul 2024 12:12

Instrument :

BNA_P

ClientSampleId :

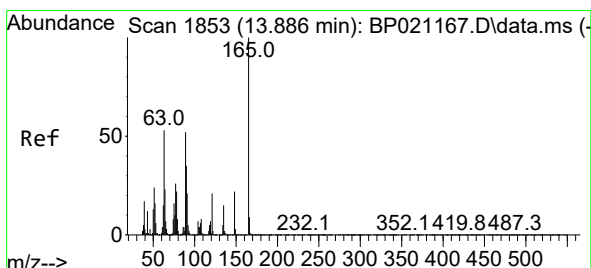
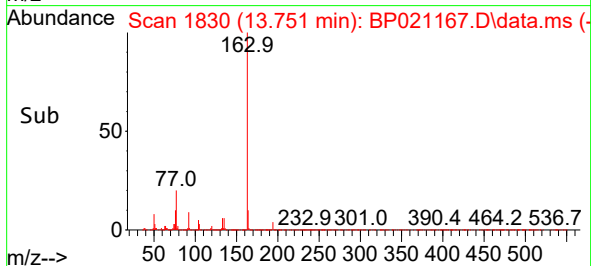
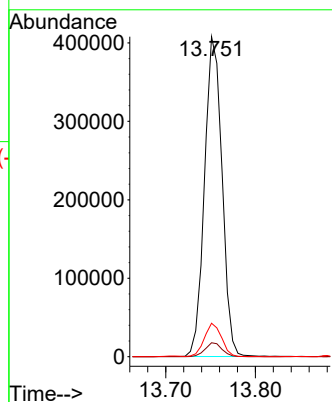
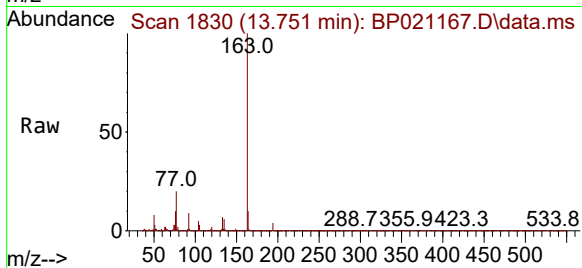
Tgt Ion:163 Resp: 552904

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.4 8.1 12.1



#48

2,6-Dinitrotoluene

Concen: 20.123 ng/ul

RT: 13.886 min Scan# 1853

Delta R.T. -0.000 min

Lab File: BP021167.D

Acq: 26 Jul 2024 12:12

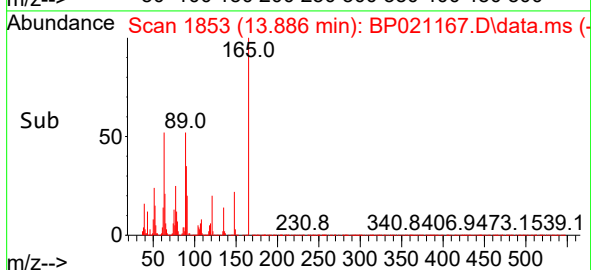
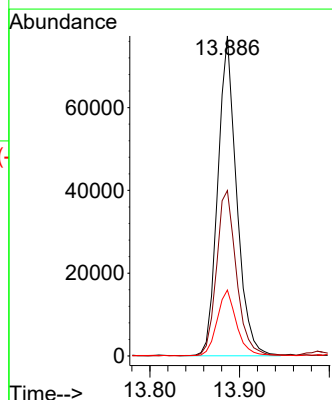
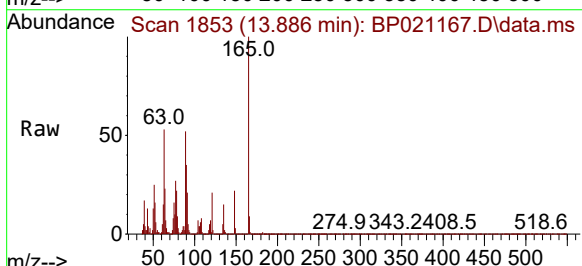
Tgt Ion:165 Resp: 112493

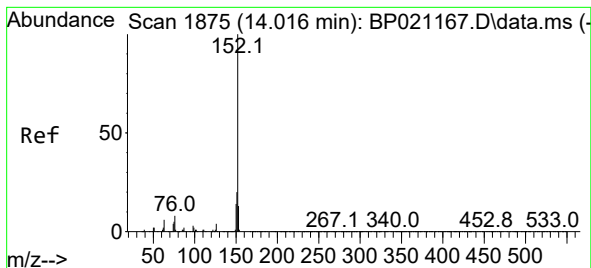
Ion Ratio Lower Upper

165 100

89 51.7 44.7 67.1

121 20.6 16.5 24.7





#50

Acenaphthylene

Concen: 19.620 ng/ul

RT: 14.016 min Scan# 1875

Delta R.T. -0.000 min

Lab File: BP021167.D

Acq: 26 Jul 2024 12:12

Instrument :

BNA_P

ClientSampleId :

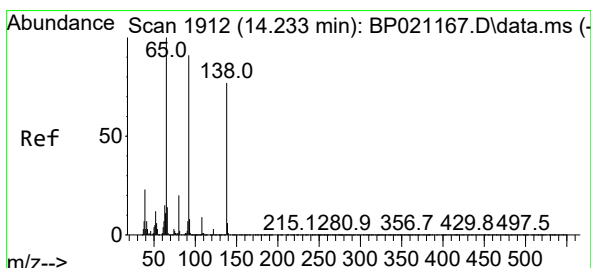
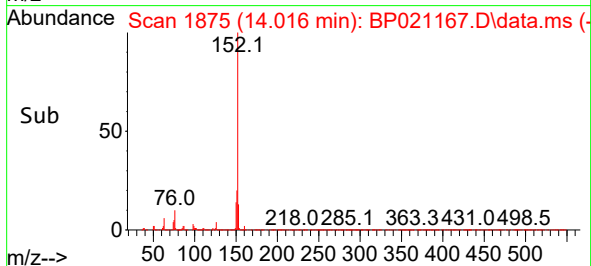
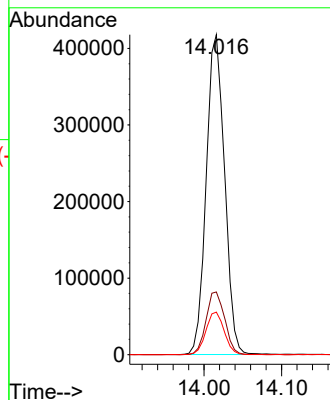
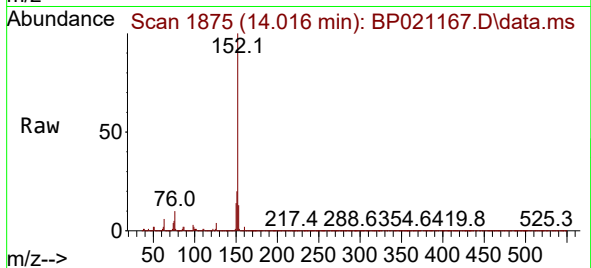
Tgt Ion:152 Resp: 687369

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.2

153 13.3 10.3 15.5



#51

3-Nitroaniline

Concen: 23.022 ng/ul

RT: 14.233 min Scan# 1912

Delta R.T. -0.006 min

Lab File: BP021167.D

Acq: 26 Jul 2024 12:12

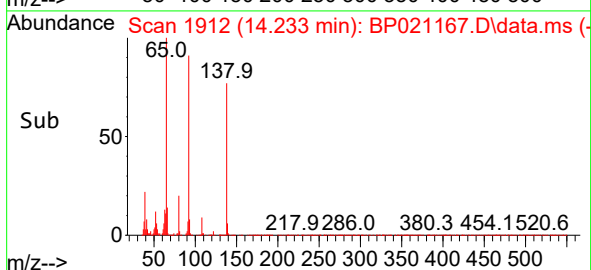
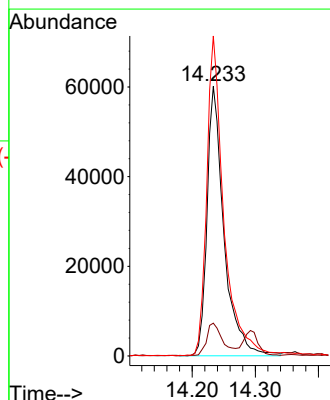
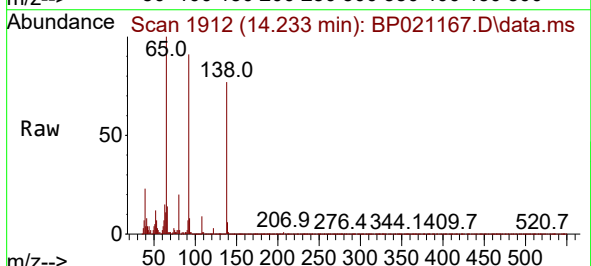
Tgt Ion:138 Resp: 111990

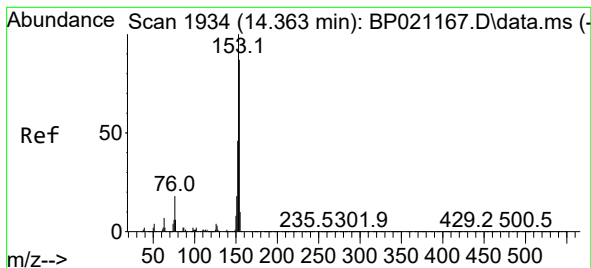
Ion Ratio Lower Upper

138 100

108 12.2 9.8 14.8

92 118.7 98.0 147.0





#52

Acenaphthene

Concen: 19.868 ng/ul

RT: 14.363 min Scan# 1934

Delta R.T. 0.006 min

Lab File: BP021167.D

Acq: 26 Jul 2024 12:12

Instrument :

BNA_P

ClientSampleId :

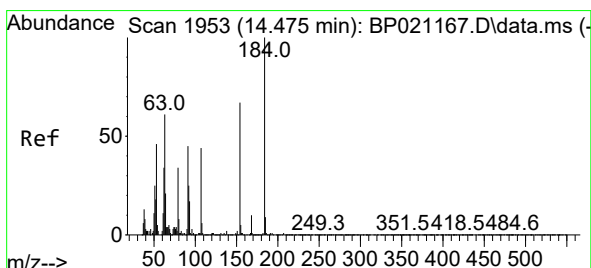
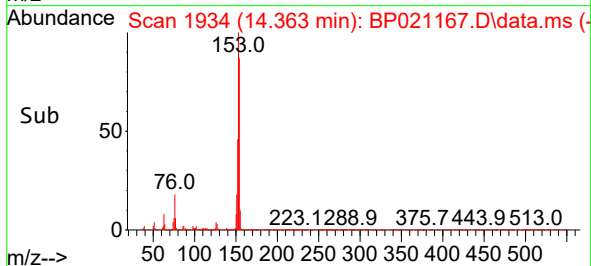
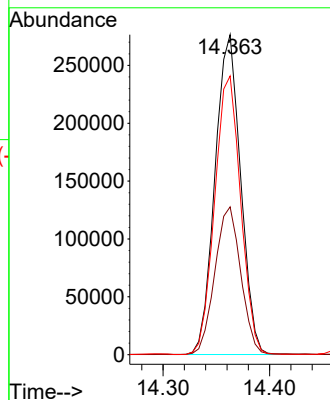
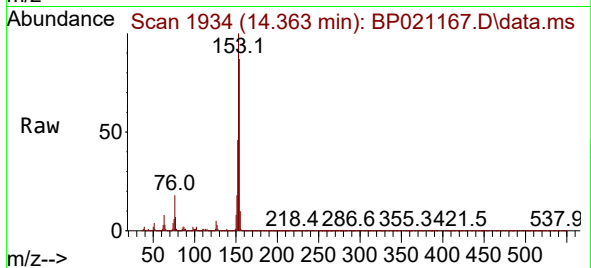
Tgt Ion:153 Resp: 461979

Ion Ratio Lower Upper

153 100

152 46.2 37.8 56.6

154 87.1 71.8 107.6



#53

2,4-Dinitrophenol

Concen: 22.659 ng/ul

RT: 14.475 min Scan# 1953

Delta R.T. 0.006 min

Lab File: BP021167.D

Acq: 26 Jul 2024 12:12

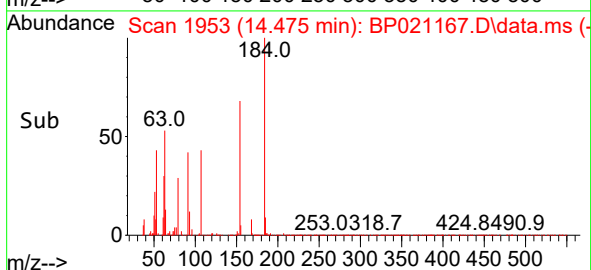
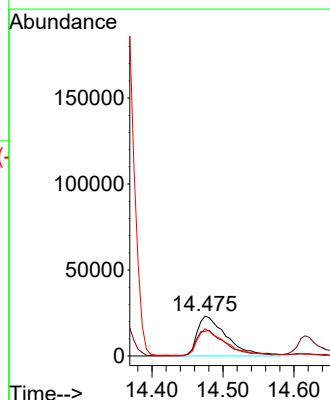
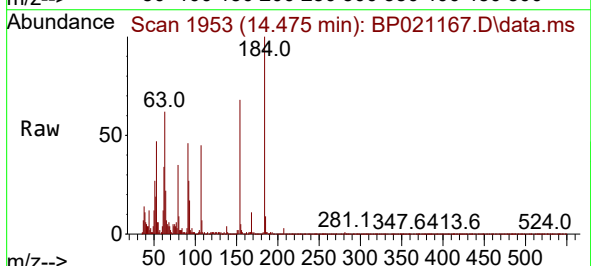
Tgt Ion:184 Resp: 66521

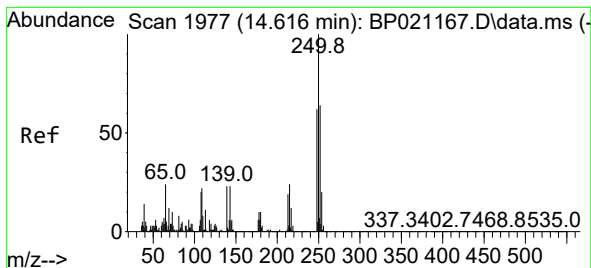
Ion Ratio Lower Upper

184 100

63 61.6 50.3 75.5

154 68.4 53.0 79.6

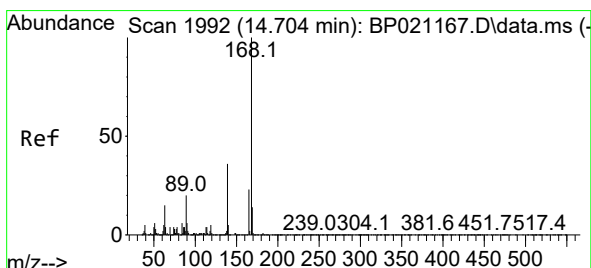
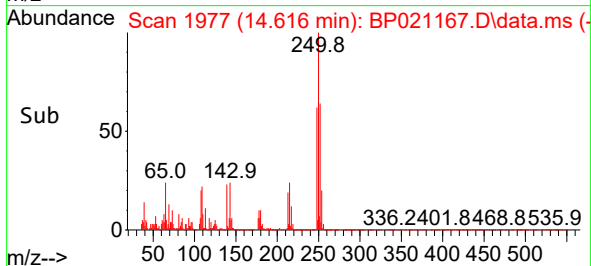
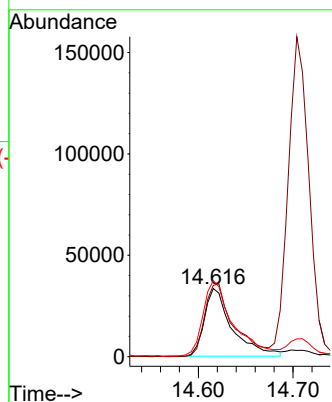
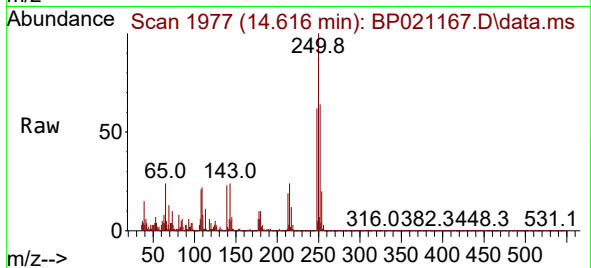




#55
4-Nitrophenol
Concen: 21.386 ng/ul
RT: 14.616 min Scan# 1977
Delta R.T. 0.006 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

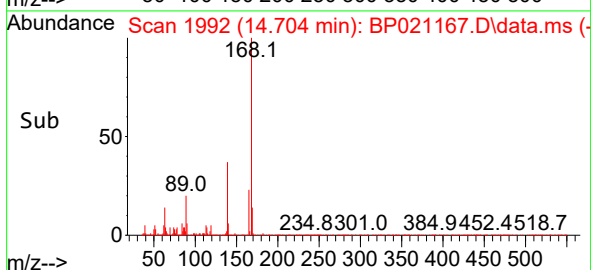
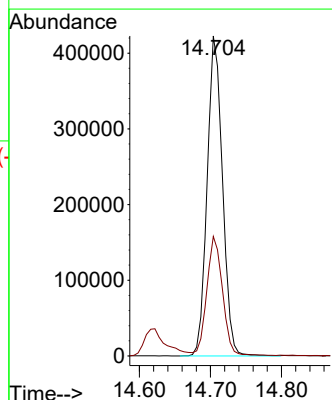
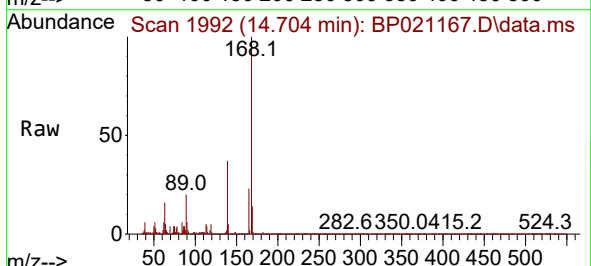
Instrument :
BNA_P
ClientSampleId :

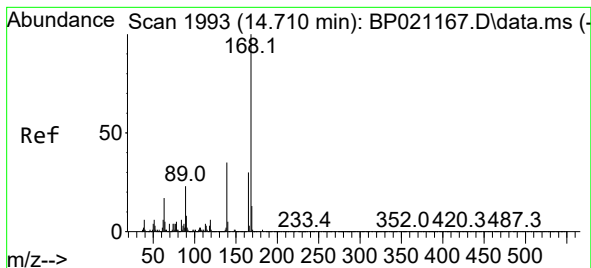
Tgt Ion:109 Resp: 68206
Ion Ratio Lower Upper
109 100
139 104.8 98.0 147.0
65 111.5 106.0 159.0



#56
Dibenzofuran
Concen: 19.958 ng/ul
RT: 14.704 min Scan# 1992
Delta R.T. 0.006 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

Tgt Ion:168 Resp: 635502
Ion Ratio Lower Upper
168 100
139 37.3 31.1 46.7

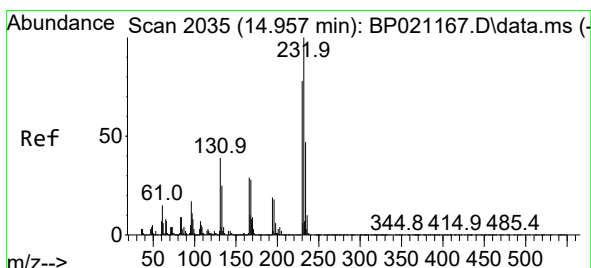
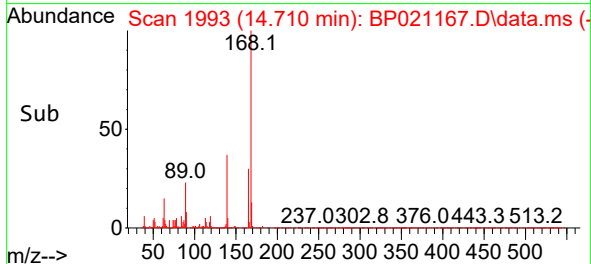
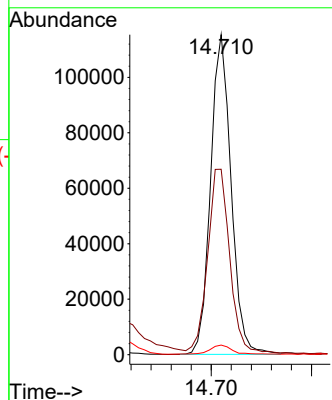
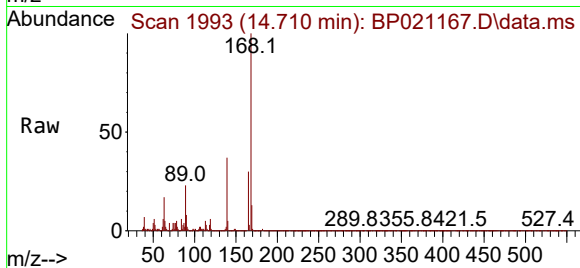




#57
2,4-Dinitrotoluene
Concen: 21.323 ng/ul
RT: 14.710 min Scan# 1993
Delta R.T. 0.017 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

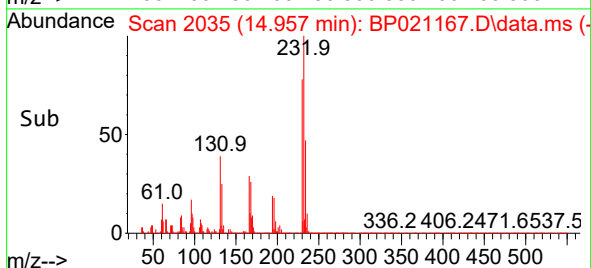
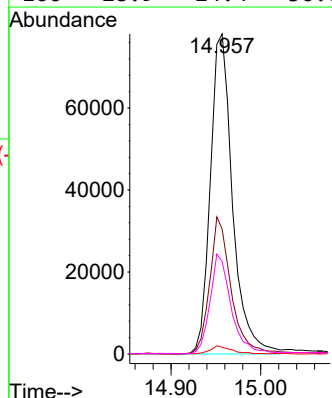
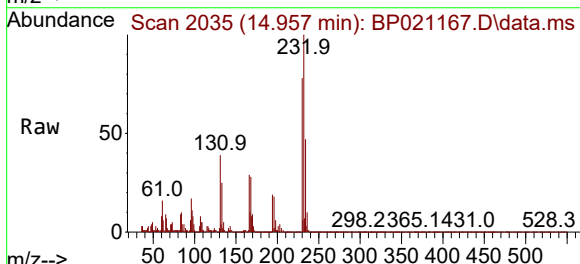
Instrument :
BNA_P
ClientSampleId :

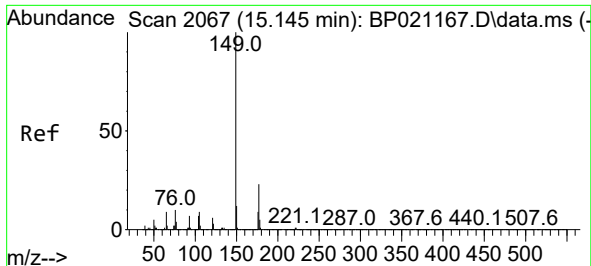
Tgt Ion:165 Resp: 163633
Ion Ratio Lower Upper
165 100
63 57.9 41.0 61.4
182 3.0 2.2 3.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 19.025 ng/ul
RT: 14.957 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

Tgt Ion:232 Resp: 134089
Ion Ratio Lower Upper
232 100
131 39.0 34.4 51.6
130 2.1 2.0 3.0
166 28.9 24.4 36.6

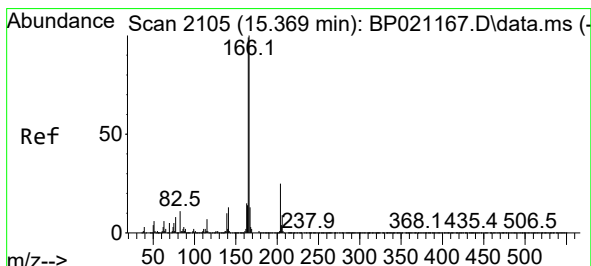
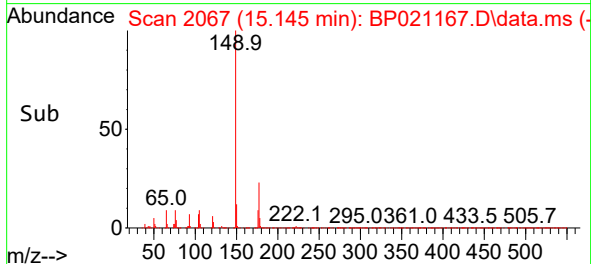
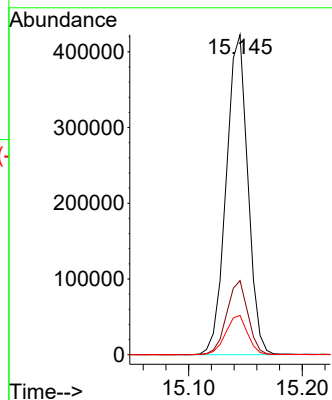
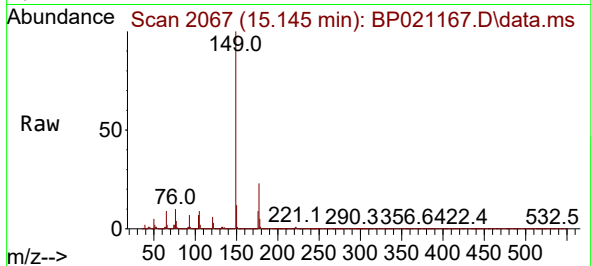




#59
Diethylphthalate
Concen: 20.001 ng/ul
RT: 15.145 min Scan# 2067
Delta R.T. 0.011 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

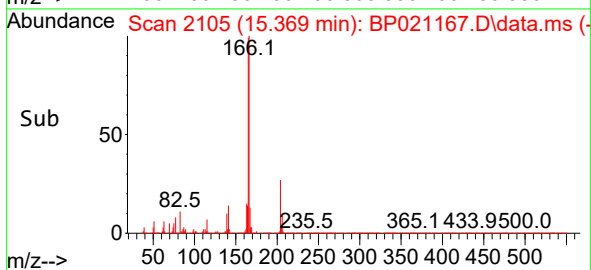
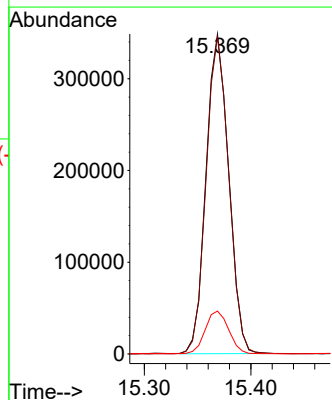
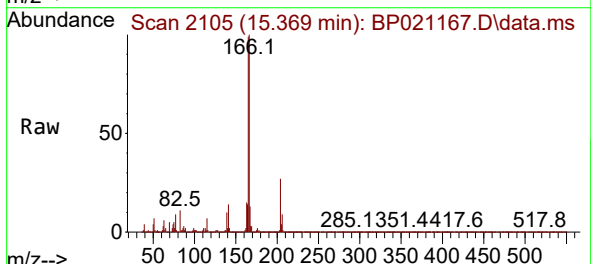
Instrument :
BNA_P
ClientSampleId :

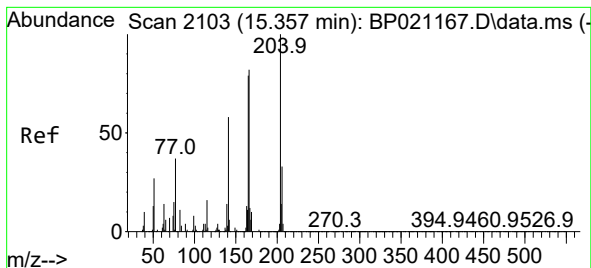
Tgt Ion:149 Resp: 558892
Ion Ratio Lower Upper
149 100
177 23.1 17.7 26.5
150 12.3 10.2 15.2



#61
Fluorene
Concen: 19.875 ng/ul
RT: 15.369 min Scan# 2105
Delta R.T. 0.011 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

Tgt Ion:166 Resp: 516448
Ion Ratio Lower Upper
166 100
165 99.1 78.1 117.1
167 13.4 10.9 16.3

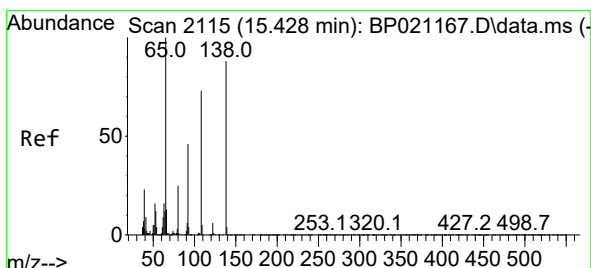
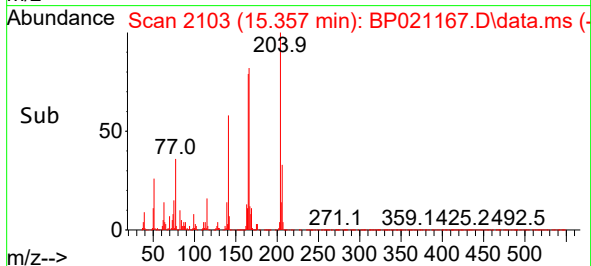
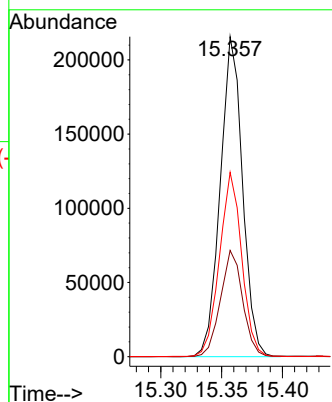
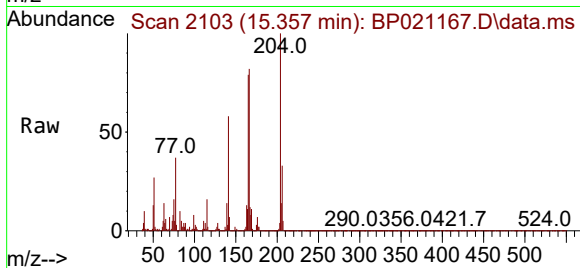




#62
4-Chlorophenyl-phenylether
Concen: 19.508 ng/ul
RT: 15.357 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

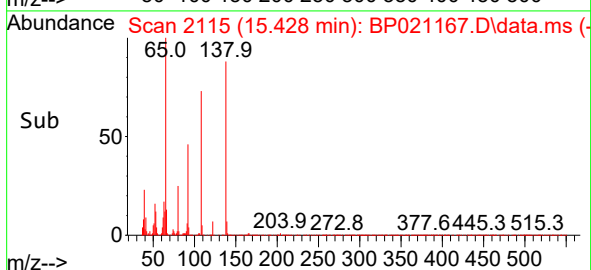
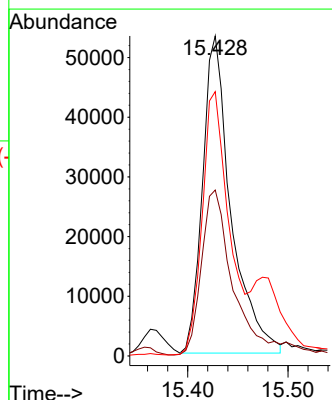
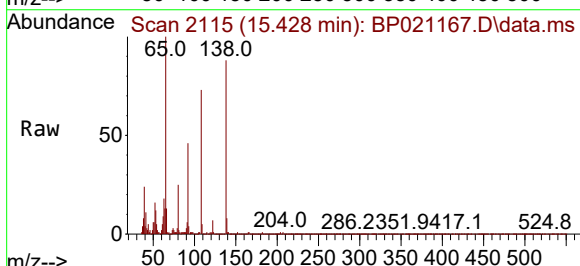
Instrument :
BNA_P
ClientSampleId :

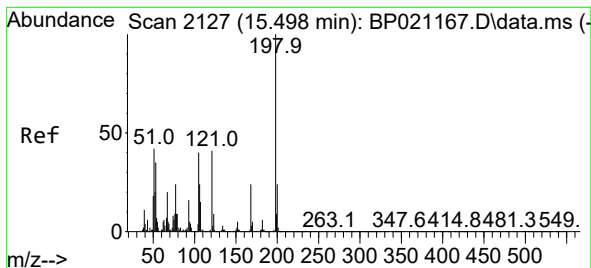
Tgt Ion:204 Resp: 275066
Ion Ratio Lower Upper
204 100
206 33.2 26.4 39.6
141 57.6 48.5 72.7



#63
4-Nitroaniline
Concen: 26.084 ng/ul
RT: 15.428 min Scan# 2115
Delta R.T. -0.000 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

Tgt Ion:138 Resp: 105079
Ion Ratio Lower Upper
138 100
92 51.8 40.9 61.3
108 82.6 64.7 97.1

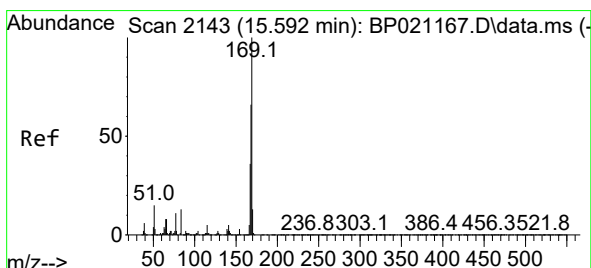
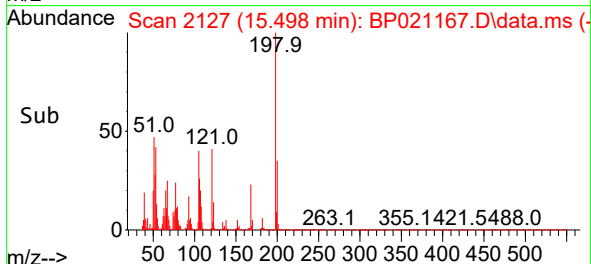
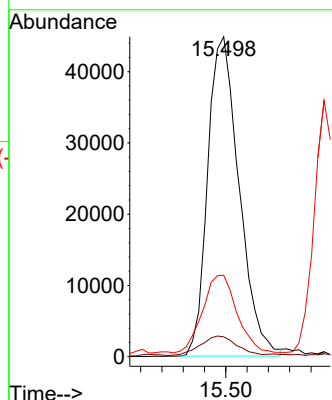
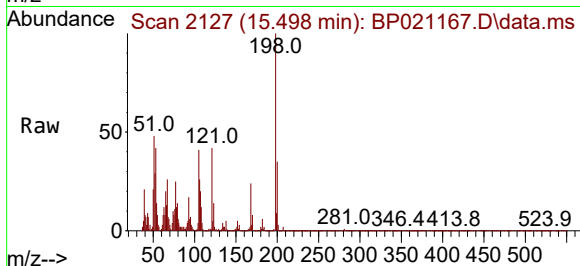




#66
4,6-Dinitro-2-methylphenol
Concen: 17.686 ng/ul
RT: 15.498 min Scan# 2127
Delta R.T. 0.011 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

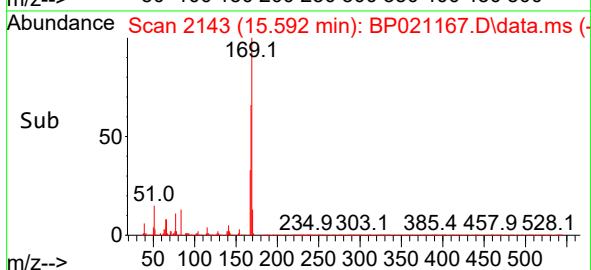
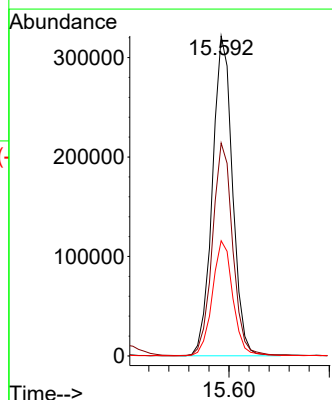
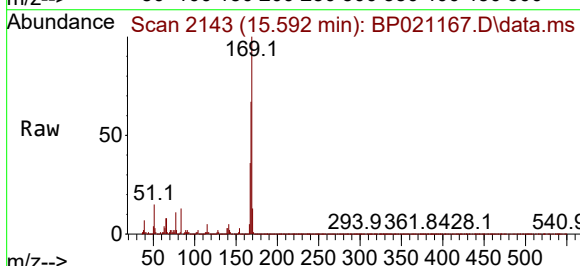
Instrument :
BNA_P
ClientSampleId :

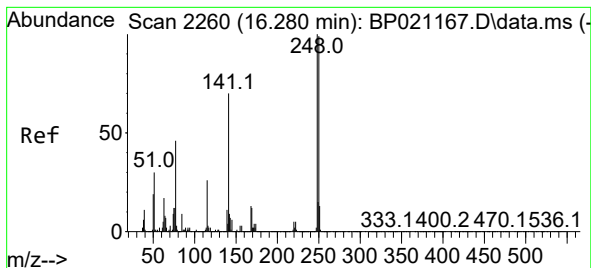
Tgt Ion:198 Resp: 91755
Ion Ratio Lower Upper
198 100
182 6.2 3.8 5.6#
77 25.5 20.0 30.0



#67
N-Nitrosodiphenylamine
Concen: 19.044 ng/ul
RT: 15.592 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

Tgt Ion:169 Resp: 448378
Ion Ratio Lower Upper
169 100
168 66.6 53.4 80.2
167 36.0 28.4 42.6

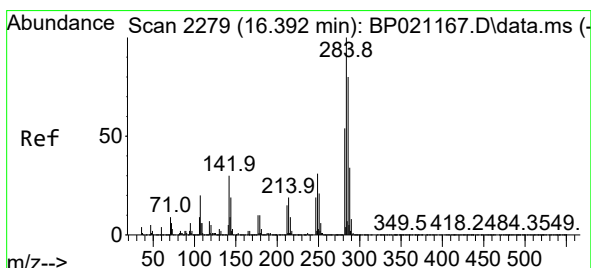
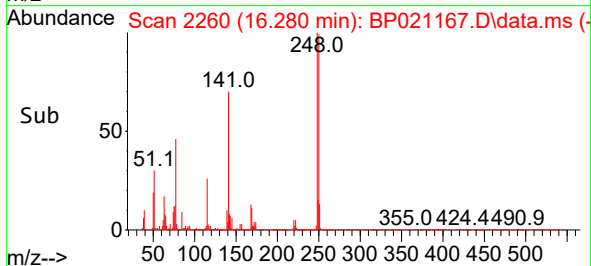
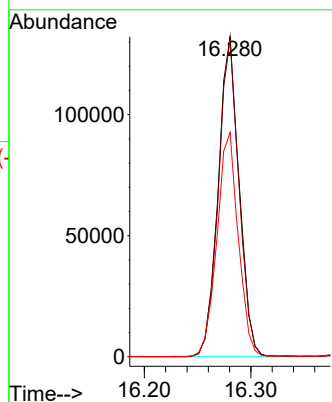
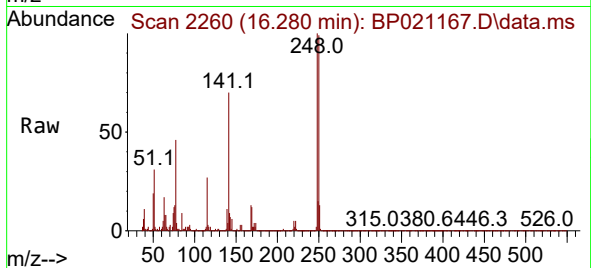




#68
4-Bromophenyl-phenylether
Concen: 19.006 ng/ul
RT: 16.280 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

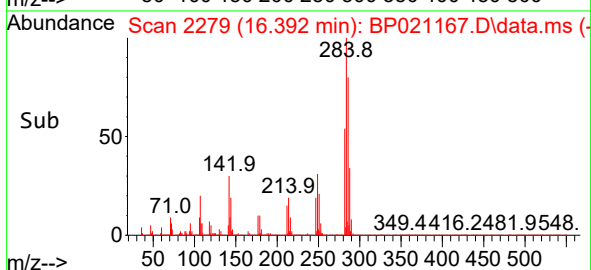
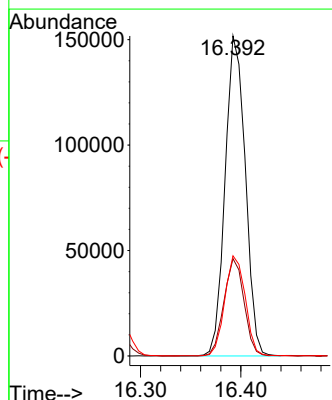
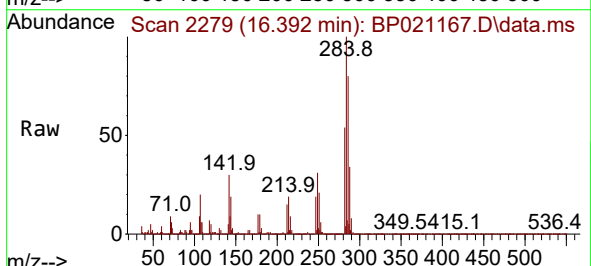
Instrument :
BNA_P
ClientSampleId :

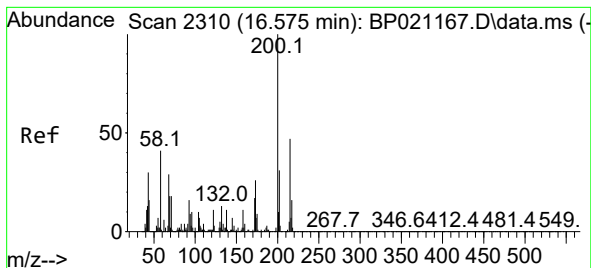
Tgt Ion:248 Resp: 180126
Ion Ratio Lower Upper
248 100
250 99.1 79.3 118.9
141 70.1 57.4 86.0



#69
Hexachlorobenzene
Concen: 19.513 ng/ul
RT: 16.392 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

Tgt Ion:284 Resp: 212036
Ion Ratio Lower Upper
284 100
142 30.4 25.8 38.8
249 31.3 25.1 37.7





#70

Atrazine

Concen: 20.953 ng/ul

RT: 16.575 min Scan# 2310

Delta R.T. 0.006 min

Lab File: BP021167.D

Acq: 26 Jul 2024 12:12

Instrument :

BNA_P

ClientSampleId :

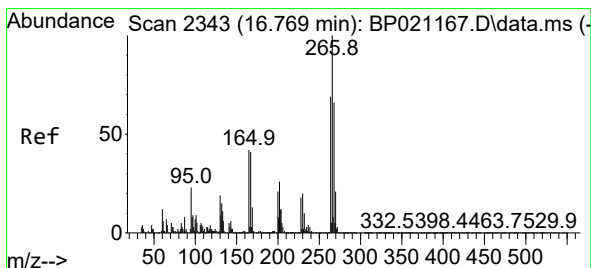
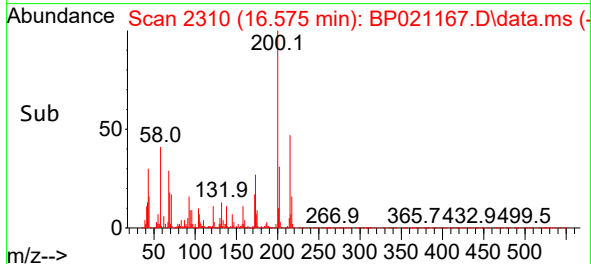
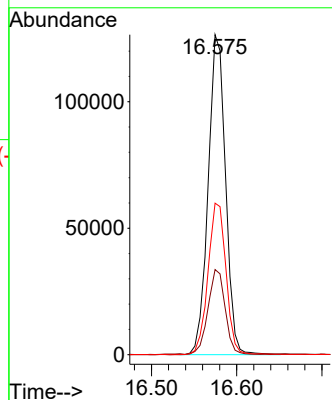
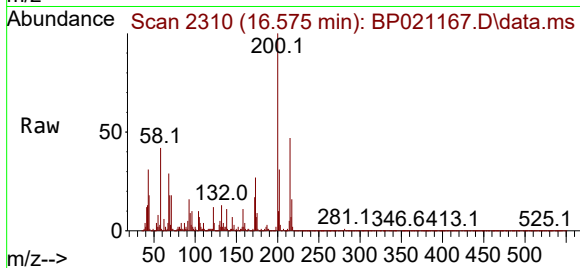
Tgt Ion:200 Resp: 179796

Ion Ratio Lower Upper

200 100

173 26.6 20.8 31.2

215 47.4 38.7 58.1



#71

Pentachlorophenol

Concen: 20.620 ng/ul

RT: 16.769 min Scan# 2343

Delta R.T. 0.006 min

Lab File: BP021167.D

Acq: 26 Jul 2024 12:12

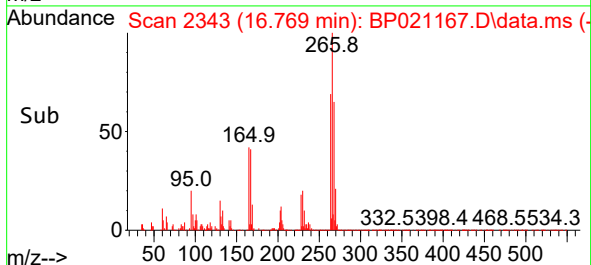
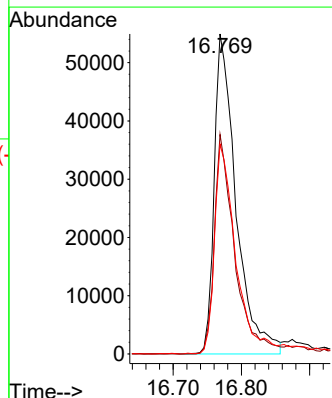
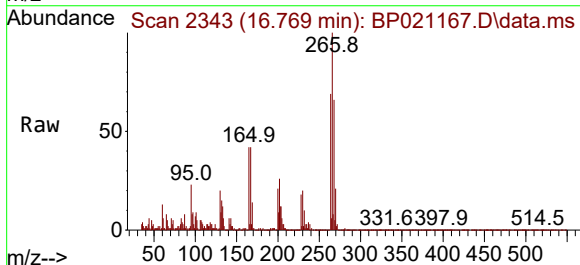
Tgt Ion:266 Resp: 121698

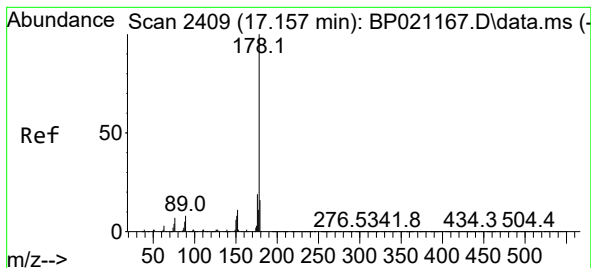
Ion Ratio Lower Upper

266 100

264 68.6 52.3 78.5

268 65.6 52.3 78.5





#72

Phenanthrene

Concen: 19.904 ng/ul

RT: 17.157 min Scan# 2409

Delta R.T. 0.011 min

Lab File: BP021167.D

Acq: 26 Jul 2024 12:12

Instrument :

BNA_P

ClientSampleId :

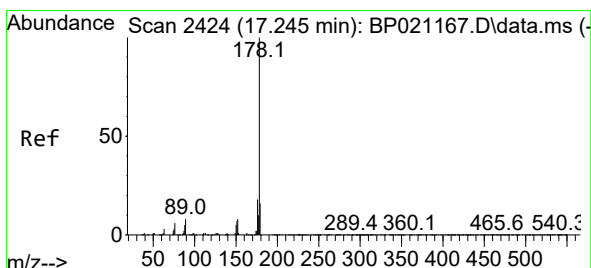
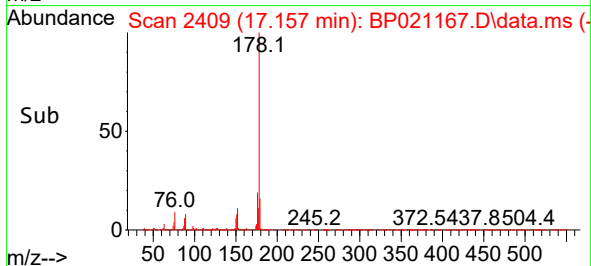
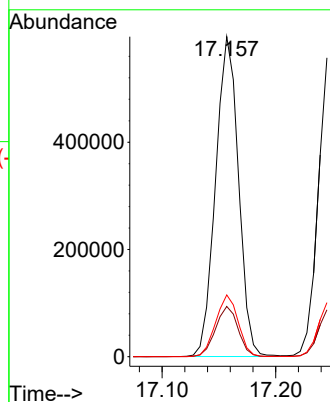
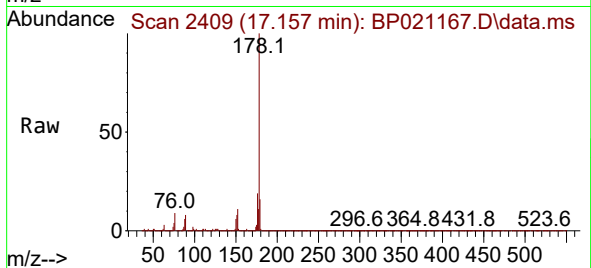
Tgt Ion:178 Resp: 834872

Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.4

176 19.3 15.0 22.4



#74

Anthracene

Concen: 20.092 ng/ul

RT: 17.245 min Scan# 2424

Delta R.T. 0.006 min

Lab File: BP021167.D

Acq: 26 Jul 2024 12:12

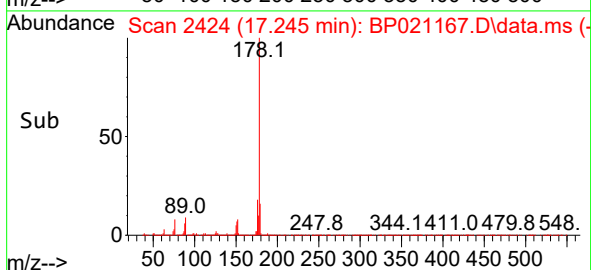
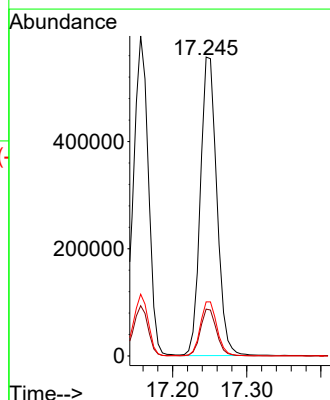
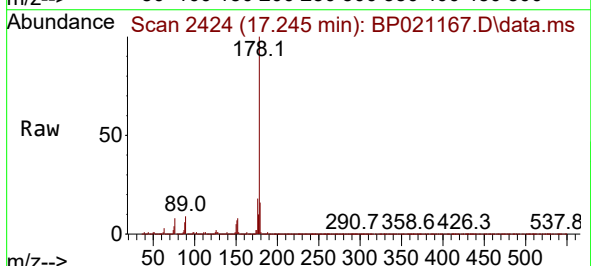
Tgt Ion:178 Resp: 859161

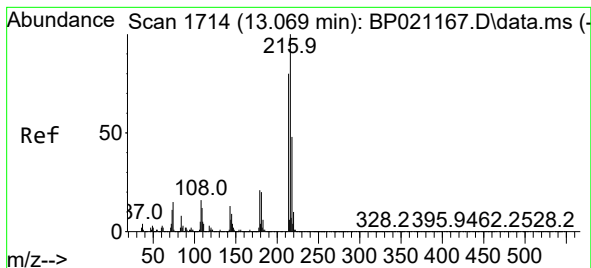
Ion Ratio Lower Upper

178 100

179 15.7 12.5 18.7

176 18.1 14.8 22.2

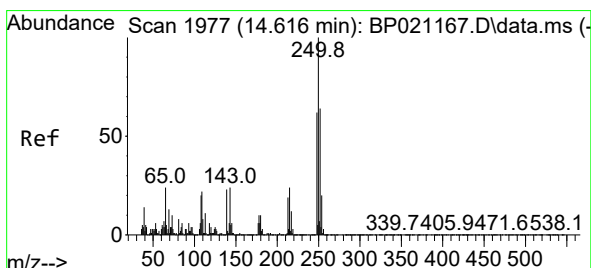
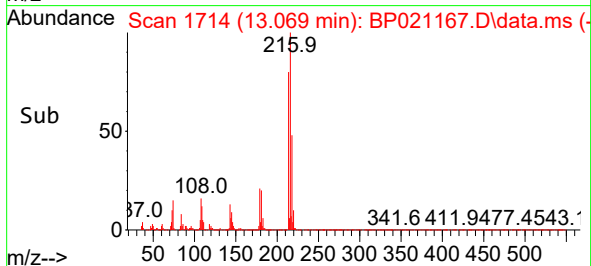
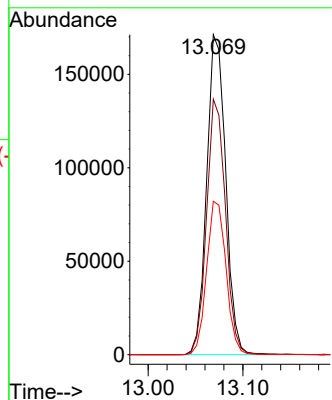
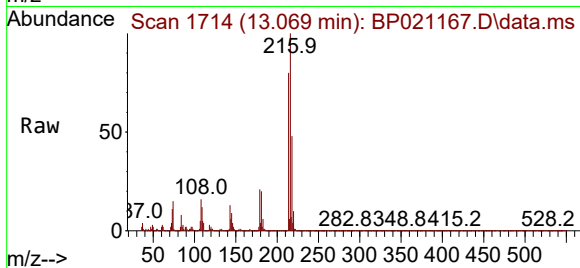




#75
1,2,3,4-Tetrachlorobenzene
Concen: 18.435 ng/uL
RT: 13.069 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

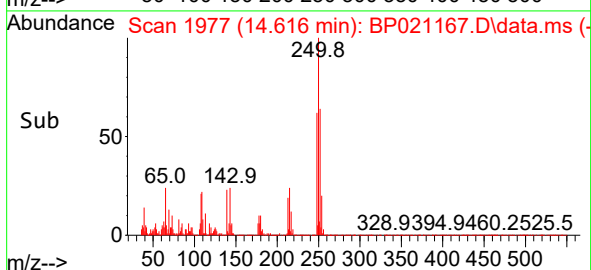
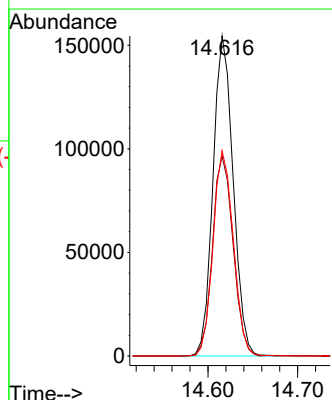
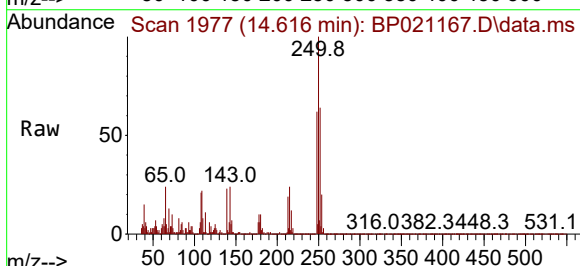
Instrument :
BNA_P
ClientSampleId :

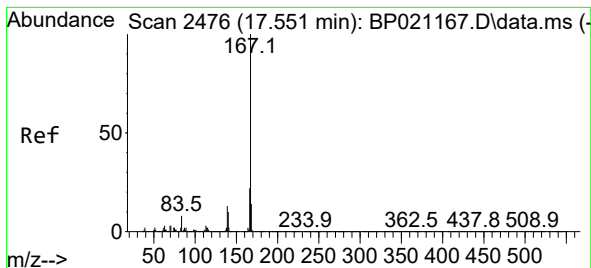
Tgt Ion:216 Resp: 238570
Ion Ratio Lower Upper
216 100
214 79.9 63.2 94.8
218 47.9 38.2 57.4



#76
Pentachlorobenzene
Concen: 18.750 ng/uL
RT: 14.616 min Scan# 1977
Delta R.T. -0.000 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

Tgt Ion:250 Resp: 241116
Ion Ratio Lower Upper
250 100
248 62.4 50.8 76.2
252 64.1 51.6 77.4





#77

Carbazole

Concen: 21.811 ng/ul

RT: 17.551 min Scan# 2476

Delta R.T. 0.011 min

Lab File: BP021167.D

Acq: 26 Jul 2024 12:12

Instrument :

BNA_P

ClientSampleId :

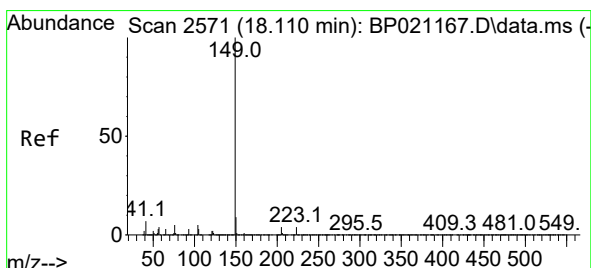
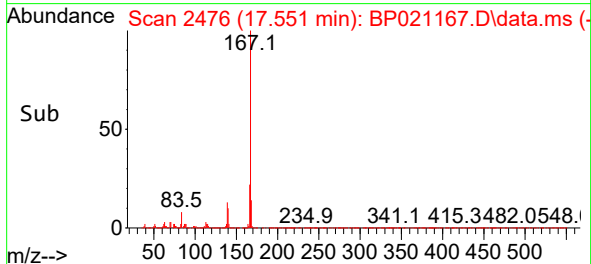
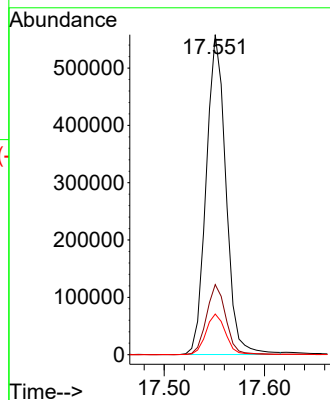
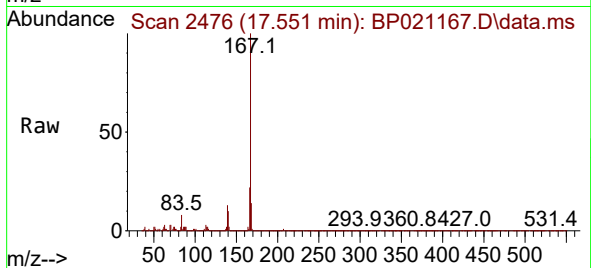
Tgt Ion:167 Resp: 762398

Ion Ratio Lower Upper

167 100

166 21.9 17.3 25.9

139 12.7 10.2 15.2



#78

Di-n-butylphthalate

Concen: 20.373 ng/ul

RT: 18.110 min Scan# 2571

Delta R.T. 0.006 min

Lab File: BP021167.D

Acq: 26 Jul 2024 12:12

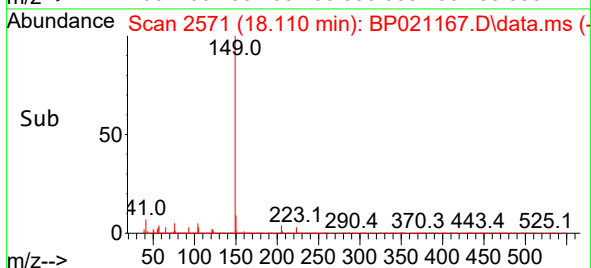
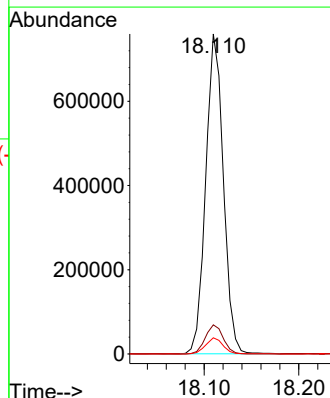
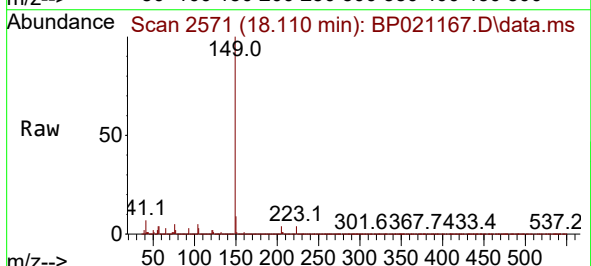
Tgt Ion:149 Resp: 982513

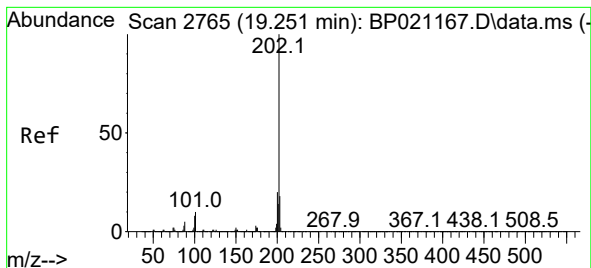
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 5.0 3.9 5.9

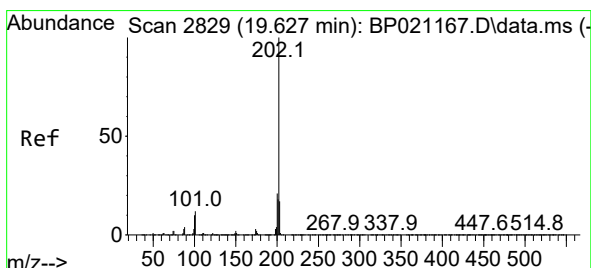
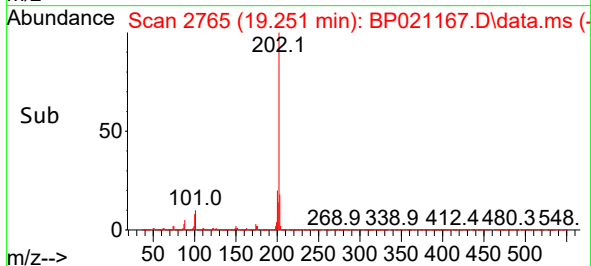
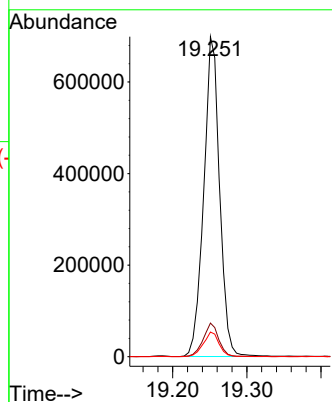
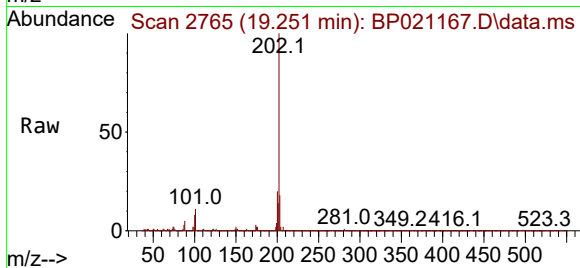




#80
Fluoranthene
Concen: 16.771 ng/ul
RT: 19.251 min Scan# 2765
Delta R.T. 0.006 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

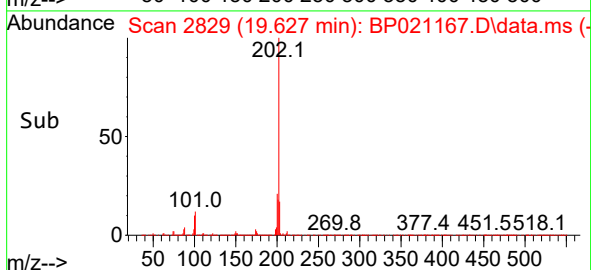
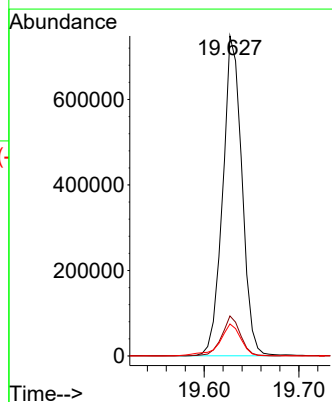
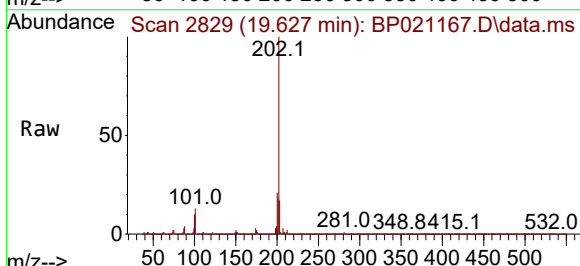
Instrument :
BNA_P
ClientSampleId :

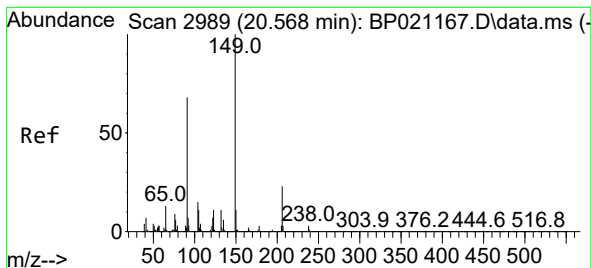
Tgt Ion:202 Resp: 1038713
Ion Ratio Lower Upper
202 100
101 10.5 8.0 12.0
100 7.7 6.1 9.1



#82
Pyrene
Concen: 16.718 ng/ul
RT: 19.627 min Scan# 2829
Delta R.T. 0.011 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

Tgt Ion:202 Resp: 1053706
Ion Ratio Lower Upper
202 100
101 12.5 9.4 14.2
100 10.0 7.8 11.6





#83

Butylbenzylphthalate

Concen: 17.646 ng/ul

RT: 20.568 min Scan# 2989

Delta R.T. 0.006 min

Lab File: BP021167.D

Acq: 26 Jul 2024 12:12

Instrument :

BNA_P

ClientSampleId :

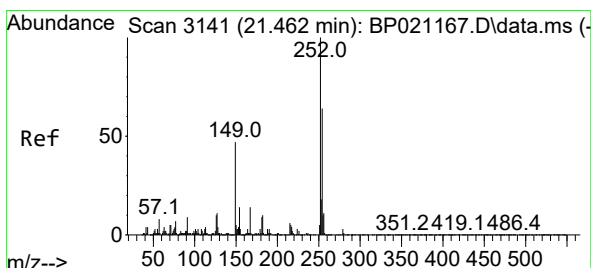
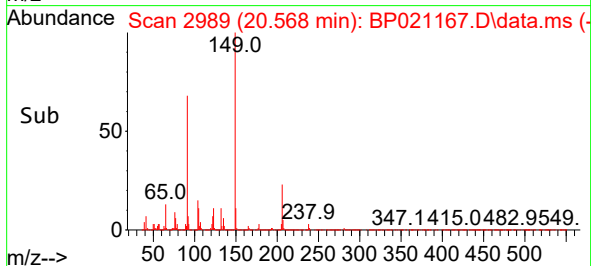
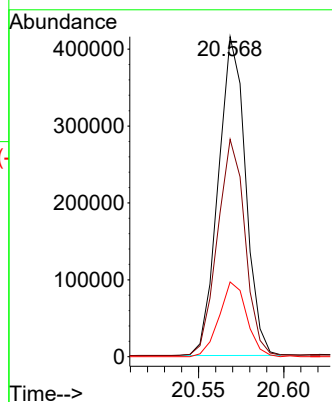
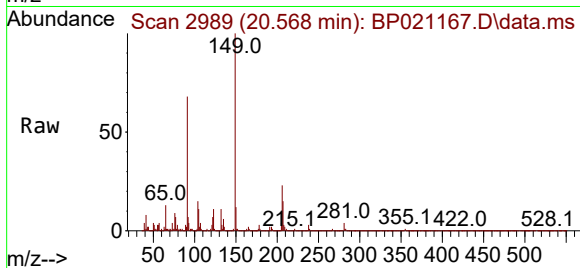
Tgt Ion:149 Resp: 463378

Ion Ratio Lower Upper

149 100

91 67.9 54.1 81.1

206 23.3 17.0 25.6



#84

3,3'-Dichlorobenzidine

Concen: 19.732 ng/ul

RT: 21.462 min Scan# 3141

Delta R.T. -0.000 min

Lab File: BP021167.D

Acq: 26 Jul 2024 12:12

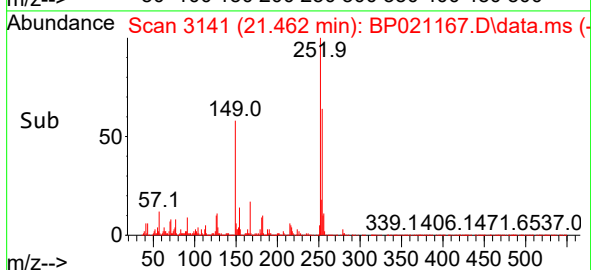
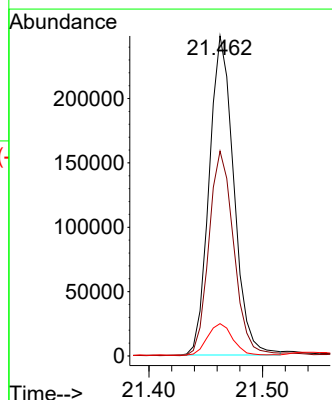
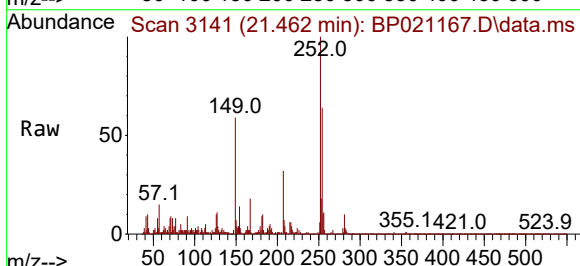
Tgt Ion:252 Resp: 374035

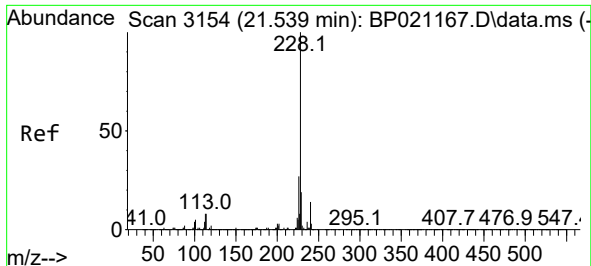
Ion Ratio Lower Upper

252 100

254 64.0 51.5 77.3

126 10.1 8.0 12.0

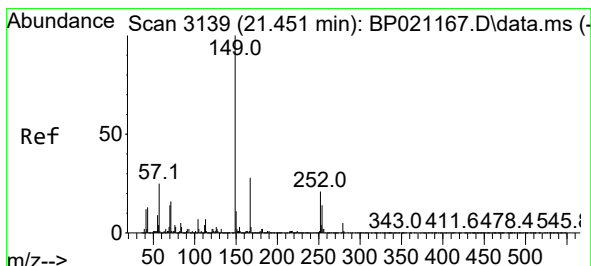
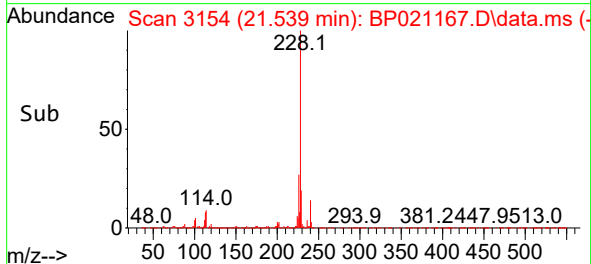
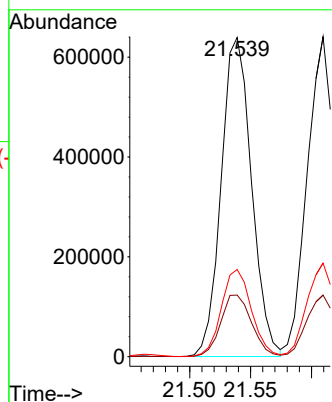
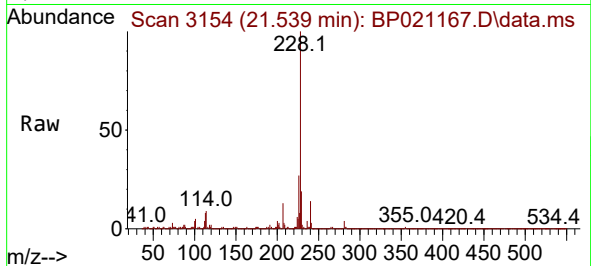




#85
Benzo(a)anthracene
Concen: 19.061 ng/ul
RT: 21.539 min Scan# 3154
Delta R.T. 0.006 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

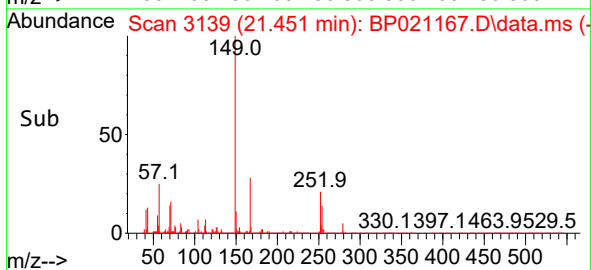
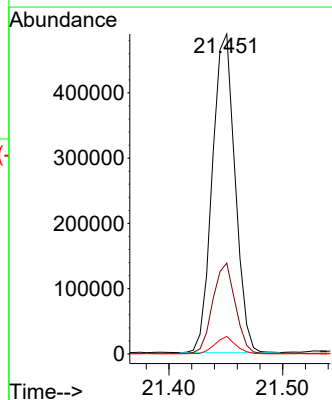
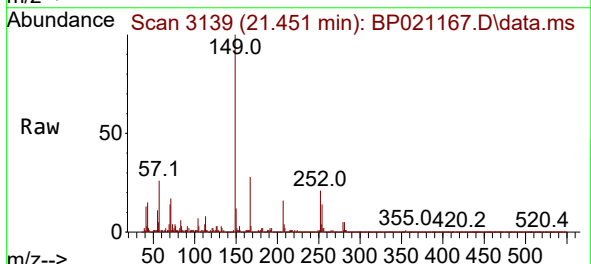
Instrument :
BNA_P
ClientSampleId :

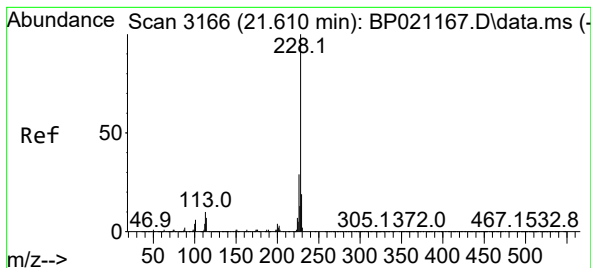
Tgt Ion:228 Resp: 1107652
Ion Ratio Lower Upper
228 100
229 19.3 15.5 23.3
226 27.3 21.4 32.2



#86
Bis(2-ethylhexyl)phthalate
Concen: 17.999 ng/ul
RT: 21.451 min Scan# 3139
Delta R.T. -0.000 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

Tgt Ion:149 Resp: 680180
Ion Ratio Lower Upper
149 100
167 28.4 22.1 33.1
279 5.5 3.7 5.5





#87

Chrysene

Concen: 19.261 ng/ul

RT: 21.610 min Scan# 3166

Delta R.T. 0.006 min

Lab File: BP021167.D

Acq: 26 Jul 2024 12:12

Instrument :

BNA_P

ClientSampleId :

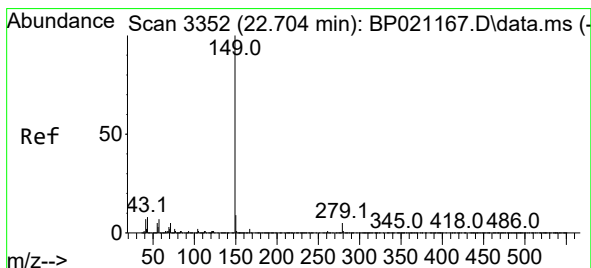
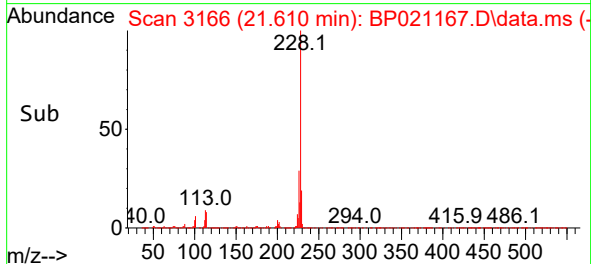
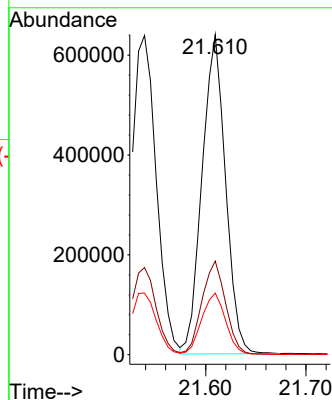
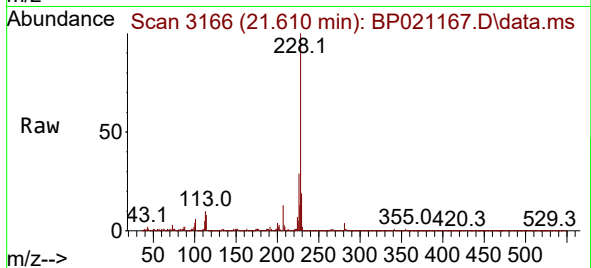
Tgt Ion:228 Resp: 1040070

Ion Ratio Lower Upper

228 100

226 29.2 23.6 35.4

229 19.2 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 18.414 ng/ul

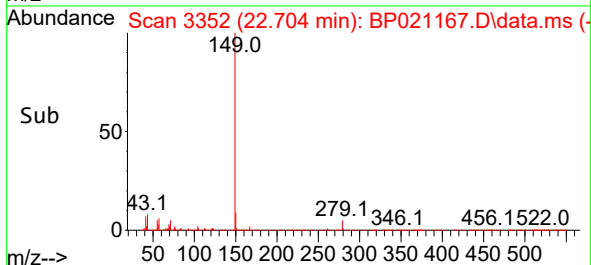
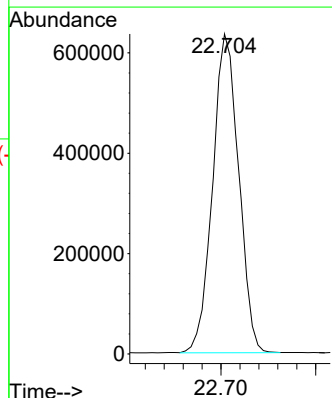
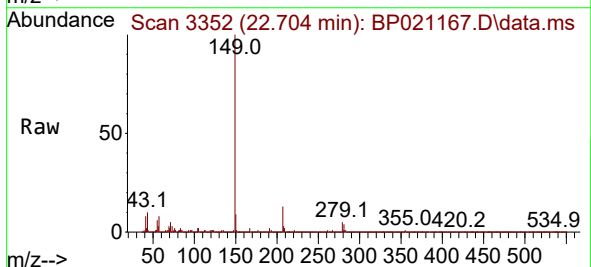
RT: 22.704 min Scan# 3352

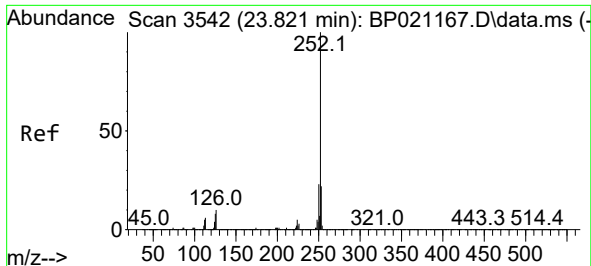
Delta R.T. 0.011 min

Lab File: BP021167.D

Acq: 26 Jul 2024 12:12

Tgt Ion:149 Resp: 1212988

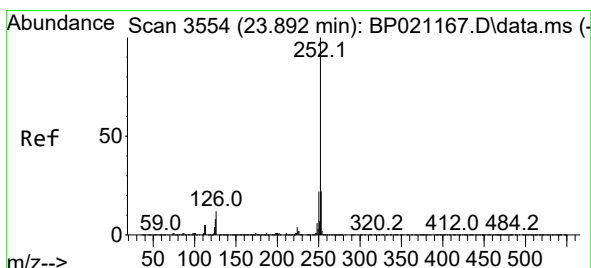
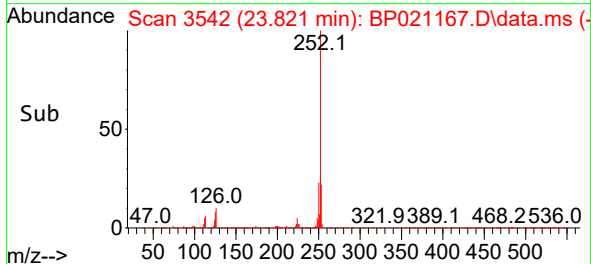
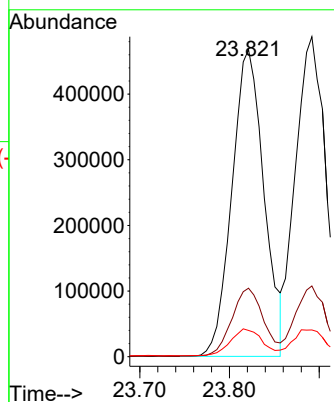
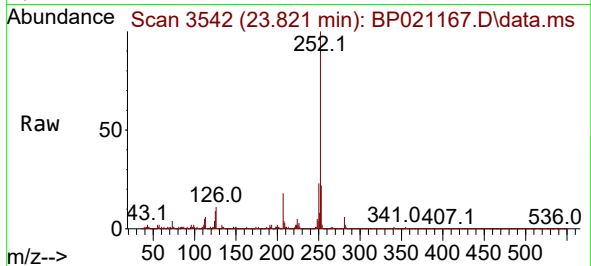




#90
Benzo(b)fluoranthene
Concen: 19.157 ng/ul
RT: 23.821 min Scan# 3542
Delta R.T. -0.000 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

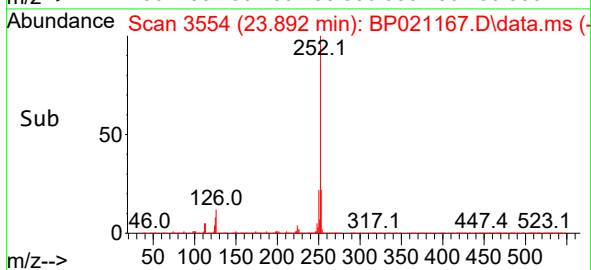
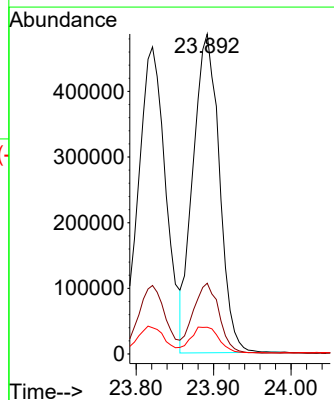
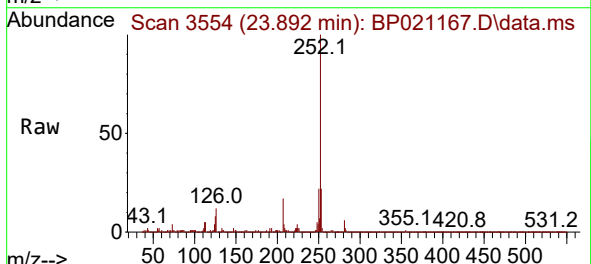
Instrument :
BNA_P
ClientSampleId :

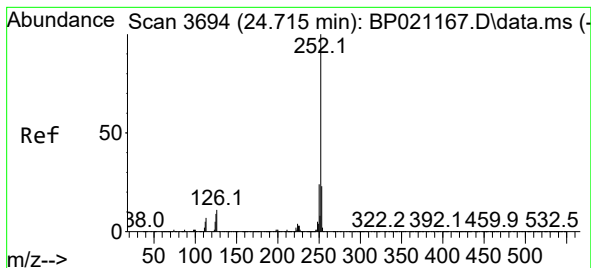
Tgt Ion:252 Resp: 1159252
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 8.5 7.0 10.4



#91
Benzo(k)fluoranthene
Concen: 18.922 ng/ul
RT: 23.892 min Scan# 3554
Delta R.T. 0.006 min
Lab File: BP021167.D
Acq: 26 Jul 2024 12:12

Tgt Ion:252 Resp: 1142662
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 8.3 7.4 11.0





#93

Benzo(a)pyrene

Concen: 19.608 ng/ul

RT: 24.715 min Scan# 3

Delta R.T. -0.000 min

Lab File: BP021167.D

Acq: 26 Jul 2024 12:12

Instrument :

BNA_P

ClientSampleId :

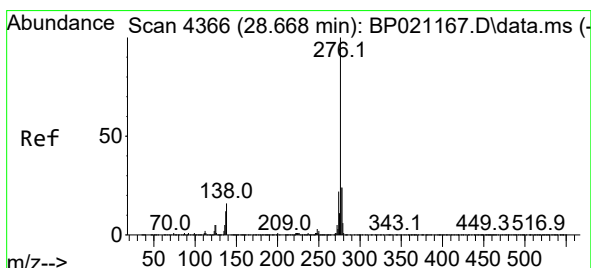
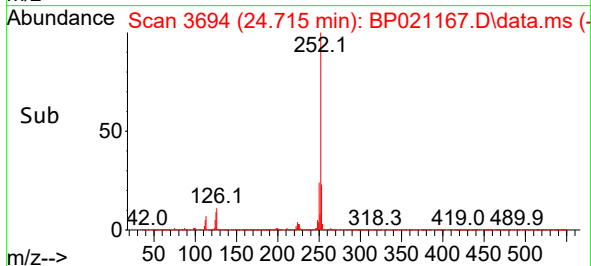
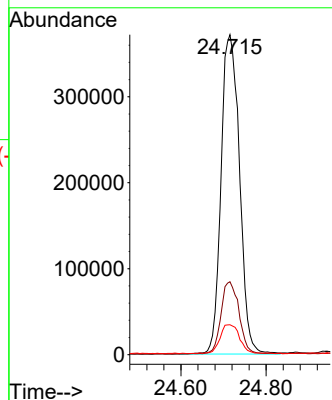
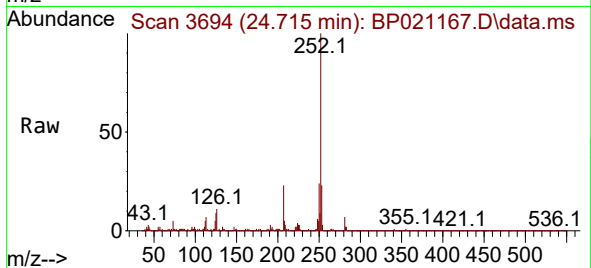
Tgt Ion:252 Resp: 1121252

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.0

125 9.3 7.7 11.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 13.417 ng/ul

RT: 28.668 min Scan# 4366

Delta R.T. 0.029 min

Lab File: BP021167.D

Acq: 26 Jul 2024 12:12

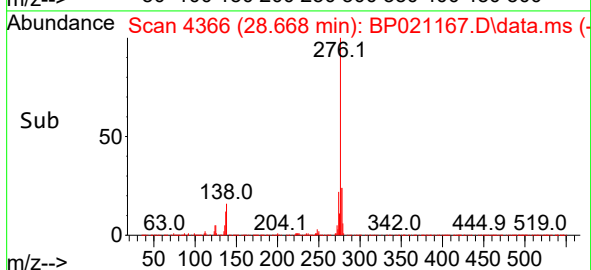
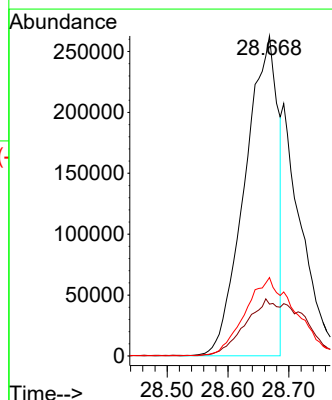
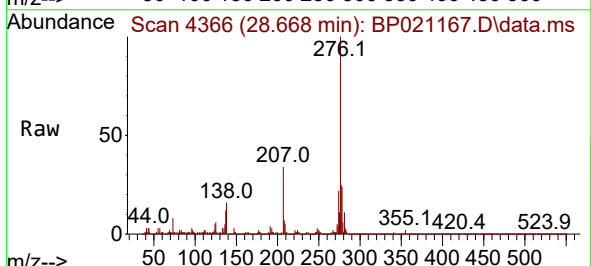
Tgt Ion:276 Resp: 988638

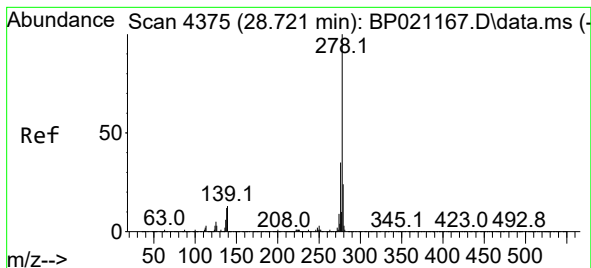
Ion Ratio Lower Upper

276 100

138 16.2 14.3 21.5

277 24.5 19.2 28.8





#95

Dibenzo(a,h)anthracene

Concen: 19.757 ng/ul

RT: 28.721 min Scan# 4375

Delta R.T. 0.029 min

Lab File: BP021167.D

Acq: 26 Jul 2024 12:12

Instrument :

BNA_P

ClientSampleId :

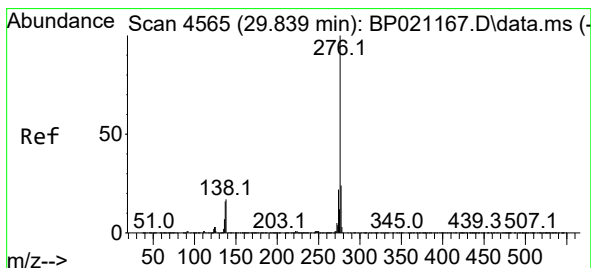
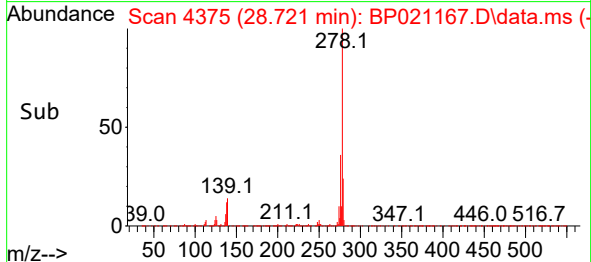
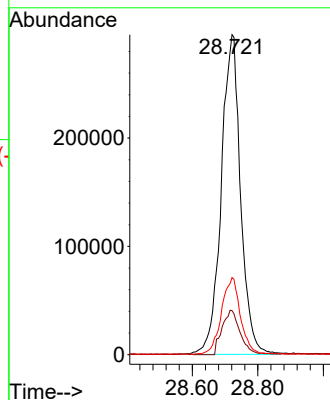
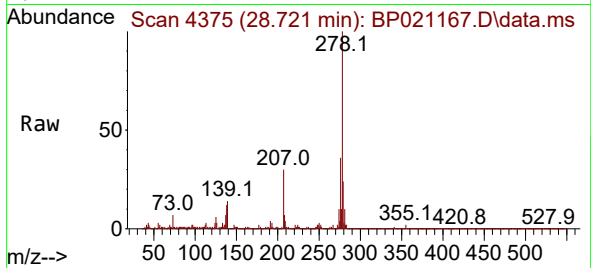
Tgt Ion:278 Resp: 1205517

Ion Ratio Lower Upper

278 100

139 13.7 10.9 16.3

279 24.1 19.4 29.0



#96

Benzo(g,h,i)perylene

Concen: 19.715 ng/ul

RT: 29.839 min Scan# 4565

Delta R.T. 0.029 min

Lab File: BP021167.D

Acq: 26 Jul 2024 12:12

Tgt Ion:276 Resp: 1183131

Ion Ratio Lower Upper

276 100

138 17.3 15.3 22.9

277 23.7 18.2 27.2

