

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082624\
 Data File : BP021668.D
 Acq On : 27 Aug 2024 12:31
 Operator : RC/JU
 Sample : PB162959BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS959

Quant Time: Aug 27 22:45:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 27 05:11:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	373702	20.000	ng/u1	0.00
20) Naphthalene-d8	10.581	136	1563806	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.446	164	1029386	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.251	188	2250565	20.000	ng/u1	0.00
79) Chrysene-d12	21.704	240	2134744	20.000	ng/u1	0.01
88) Perylene-d12	25.116	264	2372487	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	61925	5.501	ng/uL	0.00
4) Pyridine-d5	3.687	84	809429	24.861	ng/u1	0.00
7) Phenol-d5	6.958	99	1089924	27.329	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	594079	27.372	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	698794	27.140	ng/u1	0.00
15) 4-Methylphenol-d8	8.493	113	839793	27.250	ng/u1	0.00
21) Nitrobenzene-d5	8.940	128	358612	28.503	ng/u1	0.00
24) 2-Nitrophenol-d4	9.663	143	367387	28.767	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.205	165	712777	28.322	ng/u1	0.00
31) 4-Chloroaniline-d4	10.705	131	890601	24.324	ng/u1	0.00
46) Dimethylphthalate-d6	13.846	166	2202755	27.966	ng/u1	0.00
49) Acenaphthylene-d8	14.134	160	2499494	28.264	ng/u1	0.00
54) 4-Nitrophenol-d4	14.640	143	435056	29.032	ng/u1	0.01
60) Fluorene-d10	15.457	176	1879653	28.385	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	341961	27.626	ng/u1	0.00
73) Anthracene-d10	17.345	188	2893077	27.086	ng/u1	0.00
81) Pyrene-d10	19.722	212	3594419	29.455	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.886	264	3576528	28.271	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	111584	9.327	ng/uL	96
5) Pyridine	3.705	79	807170	24.810	ng/u1	99
6) Benzaldehyde	6.934	77	469783	23.030	ng/u1	100
8) Phenol	6.987	94	1126106	27.080	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.217	93	885293	27.388	ng/u1	99
12) 2-Chlorophenol	7.364	128	746930	27.639	ng/u1	99
13) 2-Methylphenol	8.228	108	812789	27.093	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.316	45	863199	27.667	ng/u1	98
16) Acetophenone	8.611	105	1334453	27.010	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.599	70	634352	27.207	ng/u1	99
18) 4-Methylphenol	8.558	108	890653	27.118	ng/u1	99
19) Hexachloroethane	8.875	117	331798	27.458	ng/u1	99
22) Nitrobenzene	8.987	77	981174	27.968	ng/u1	99
23) Isophorone	9.516	82	1954598	27.765	ng/u1	100
25) 2-Nitrophenol	9.693	139	410118	28.984	ng/u1	97
26) 2,4-Dimethylphenol	9.752	107	776731	22.366	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.987	93	1218588	27.601	ng/u1	98
29) 2,4-Dichlorophenol	10.228	162	706925	27.954	ng/u1	99
30) Naphthalene	10.628	128	2391314	27.132	ng/u1	100
32) 4-Chloroaniline	10.728	127	834678	22.581	ng/u1	99
33) Hexachlorobutadiene	10.922	225	450025	26.522	ng/u1	99
34) Caprolactam	11.510	113	289264	27.049	ng/u1	98
35) 4-Chloro-3-methylphenol	11.863	107	951917	28.440	ng/u1	100
36) 2-Methylnaphthalene	12.240	142	1594715	26.750	ng/u1	99

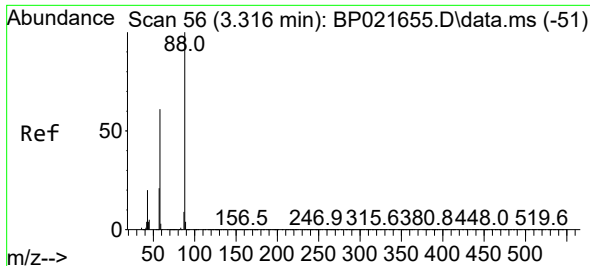
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082624\
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 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 27 05:11:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.469	142	1617380	26.974	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.610	216	900022	27.741	ng/ul	100
40) Hexachlorocyclopentadiene	12.599	237	430226	23.110	ng/ul	98
41) 2,4,6-Trichlorophenol	12.852	196	511820	24.502	ng/ul	98
42) 2,4,5-Trichlorophenol	12.922	196	592385	26.263	ng/ul	99
43) 1,1'-Biphenyl	13.257	154	2123239	27.263	ng/ul	99
44) 2-Chloronaphthalene	13.299	162	1667739	27.311	ng/ul	100
45) 2-Nitroaniline	13.504	65	578698	30.251	ng/ul	96
47) Dimethylphthalate	13.893	163	2198220	27.872	ng/ul	99
48) 2,6-Dinitrotoluene	13.999	165	444229	30.541	ng/ul	99
50) Acenaphthylene	14.163	152	2743149	28.842	ng/ul	99
51) 3-Nitroaniline	14.334	138	474222	29.835	ng/ul	99
52) Acenaphthene	14.510	153	1801730	26.938	ng/ul	99
53) 2,4-Dinitrophenol	14.551	184	214242	24.603	ng/ul	99
55) 4-Nitrophenol	14.657	109	395003	28.788	ng/ul	98
56) Dibenzofuran	14.851	168	2541864	27.470	ng/ul	100
57) 2,4-Dinitrotoluene	14.810	165	670319	30.667	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.081	232	434864	22.377	ng/ul	99
59) Diethylphthalate	15.281	149	2208511	27.885	ng/ul	98
61) Fluorene	15.516	166	2071668	27.680	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.504	204	1041196	27.686	ng/ul	99
63) 4-Nitroaniline	15.516	138	516484	33.621	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.593	198	367912	26.571	ng/ul	99
67) N-Nitrosodiphenylamine	15.716	169	1791064	27.053	ng/ul	99
68) 4-Bromophenyl-phenylether	16.416	248	679592	27.353	ng/ul	98
69) Hexachlorobenzene	16.540	284	818585	27.753	ng/ul	99
71) Pentachlorophenol	16.892	266	371475	19.679	ng/ul	99
72) Phenanthrene	17.292	178	3467340	28.063	ng/ul	98
74) Anthracene	17.387	178	3361138	26.852	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.222	216	882976	26.389	ng/uL	98
76) Pentachlorobenzene	14.769	250	888929	25.631	ng/uL	99
77) Carbazole	17.669	167	3279809	29.133	ng/ul	100
78) Di-n-butylphthalate	18.263	149	3927579	28.661	ng/ul	99
80) Fluoranthene	19.375	202	4240358	29.777	ng/ul	99
82) Pyrene	19.757	202	4381991	29.055	ng/ul	98
83) Butylbenzylphthalate	20.698	149	1860842	30.135	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.598	252	1345493	25.010	ng/ul	98
85) Benzo(a)anthracene	21.686	228	4331413	28.524	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.633	149	2700595	29.631	ng/ul	100
87) Chrysene	21.757	228	4024646	28.162	ng/ul	100
89) Di-n-octyl phthalate	22.939	149	4564668	30.396	ng/ul	100
90) Benzo(b)fluoranthene	24.033	252	4374921	29.471	ng/ul	99
91) Benzo(k)fluoranthene	24.110	252	4183373	28.786	ng/ul	99
93) Benzo(a)pyrene	24.963	252	3828602	27.994	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.974	276	1923660	10.909	ng/ul	99
95) Dibenzo(a,h)anthracene	29.086	278	4030476	28.443	ng/ul	99
96) Benzo(g,h,i)perylene	30.198	276	3936697	28.893	ng/ul	98

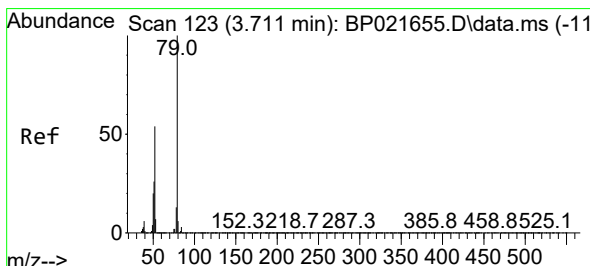
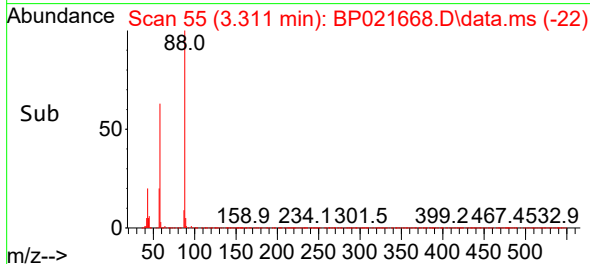
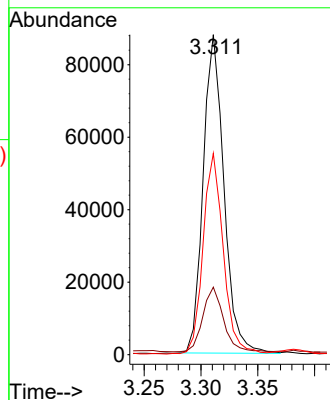
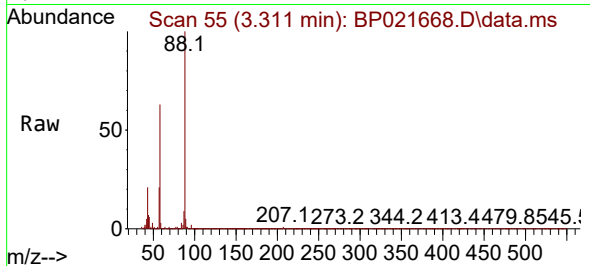
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#2
1,4-Dioxane
Concen: 9.327 ng/uL
RT: 3.311 min Scan# 51
Delta R.T. -0.006 min
Lab File: BP021668.D
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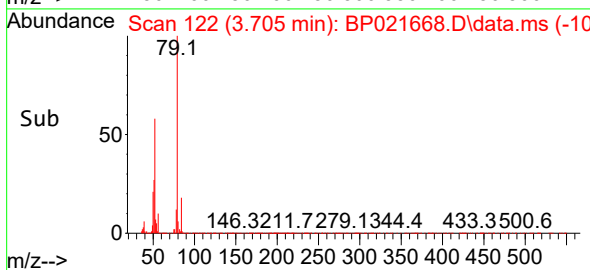
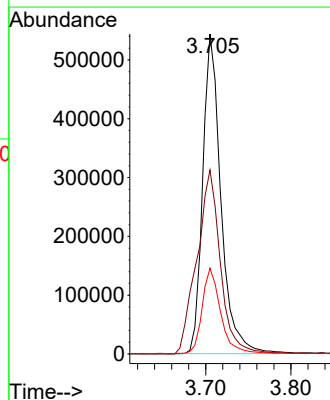
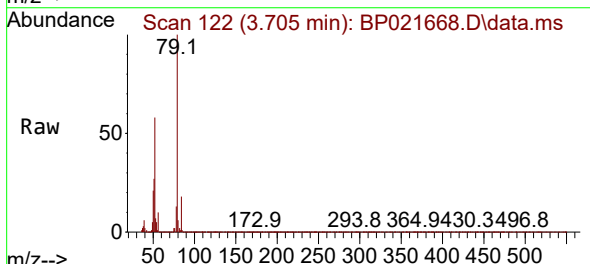
Instrument :
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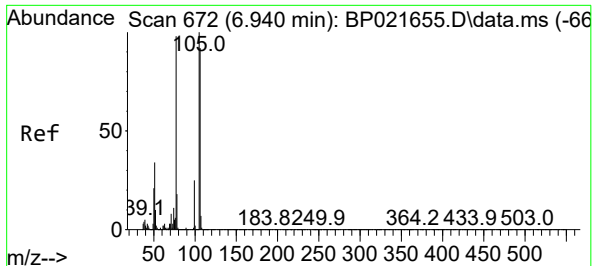
Tgt Ion: 88 Resp: 111584
Ion Ratio Lower Upper
88 100
43 21.1 15.4 23.2
58 62.9 48.2 72.2



#5
Pyridine
Concen: 24.810 ng/uL
RT: 3.705 min Scan# 122
Delta R.T. -0.006 min
Lab File: BP021668.D
Acq: 27 Aug 2024 12:31

Tgt Ion: 79 Resp: 807170
Ion Ratio Lower Upper
79 100
52 57.5 46.8 70.2
51 26.8 21.7 32.5

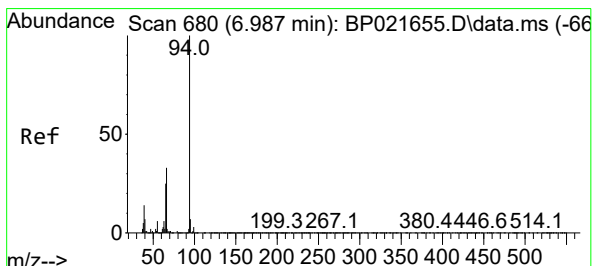
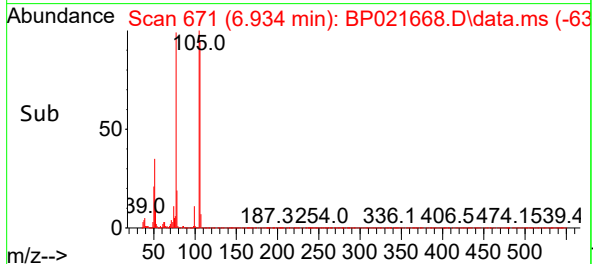
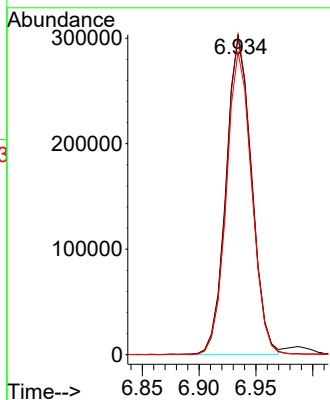
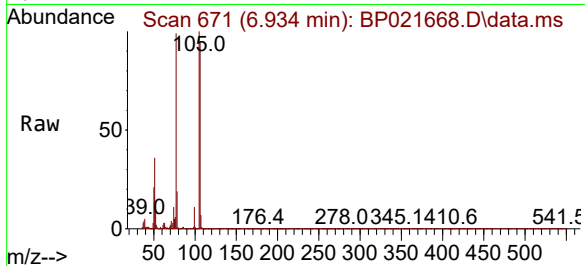




#6
Benzaldehyde
Concen: 23.030 ng/ul
RT: 6.934 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP021668.D
Acq: 27 Aug 2024 12:31

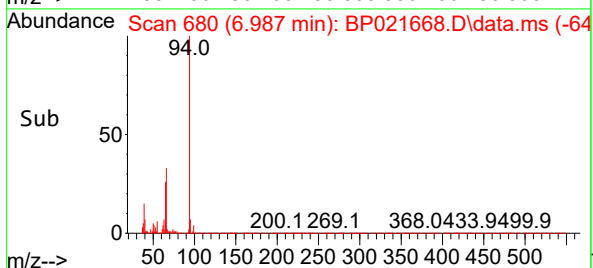
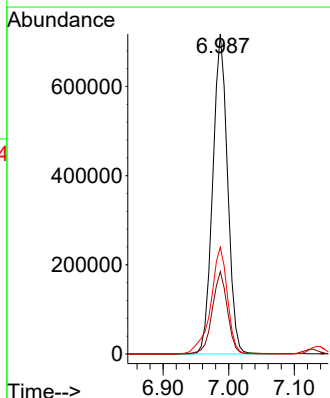
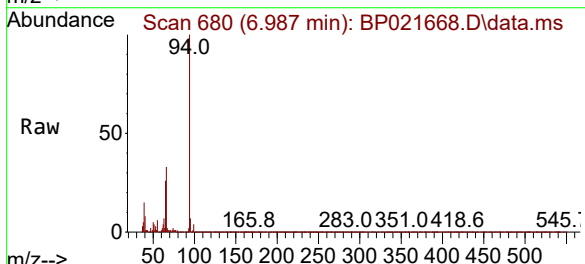
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BNA_P
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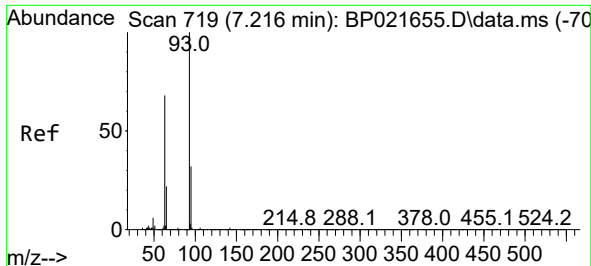
Tgt Ion: 77 Resp: 469783
Ion Ratio Lower Upper
77 100
105 100.8 80.2 120.4
106 95.4 76.2 114.4



#8
Phenol
Concen: 27.080 ng/ul
RT: 6.987 min Scan# 680
Delta R.T. 0.000 min
Lab File: BP021668.D
Acq: 27 Aug 2024 12:31

Tgt Ion: 94 Resp: 1126106
Ion Ratio Lower Upper
94 100
65 25.7 20.0 30.0
66 33.4 27.0 40.4





#10

Bis(2-Chloroethyl)ether

Concen: 27.388 ng/ul

RT: 7.217 min Scan# 719

Delta R.T. 0.000 min

Lab File: BP021668.D

Acq: 27 Aug 2024 12:31

Instrument :

BNA_P

ClientSampleId :

SLCS959

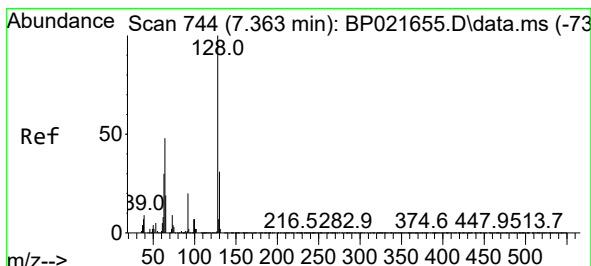
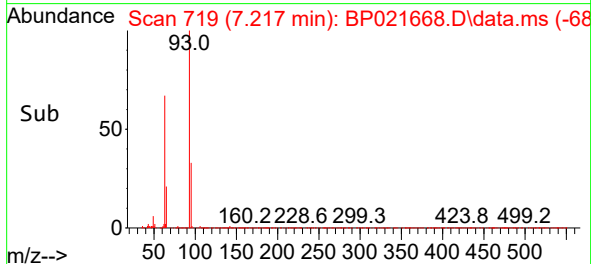
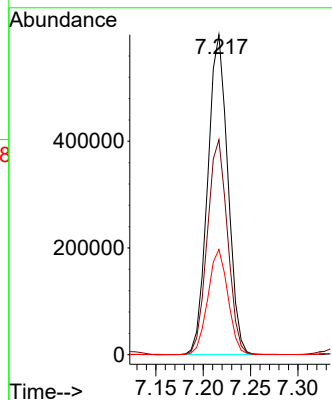
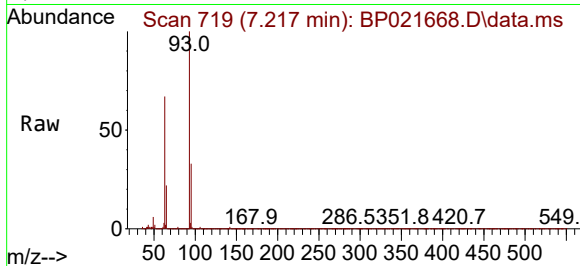
Tgt Ion: 93 Resp: 885293

Ion Ratio Lower Upper

93 100

63 67.2 54.9 82.3

95 32.9 26.0 39.0



#12

2-Chlorophenol

Concen: 27.639 ng/ul

RT: 7.364 min Scan# 744

Delta R.T. 0.000 min

Lab File: BP021668.D

Acq: 27 Aug 2024 12:31

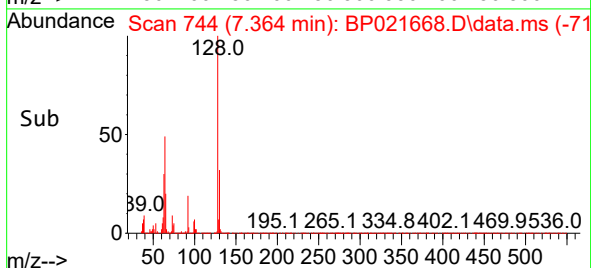
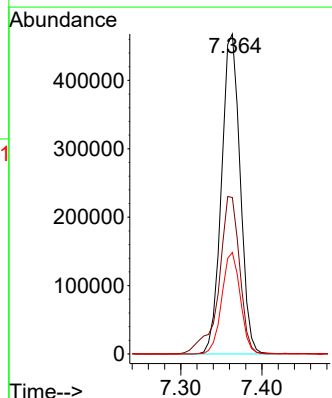
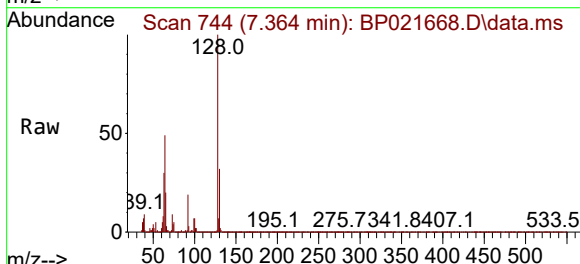
Tgt Ion:128 Resp: 746930

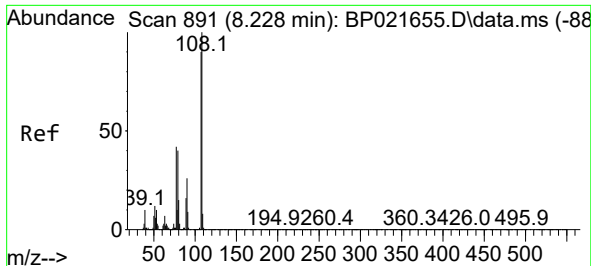
Ion Ratio Lower Upper

128 100

64 48.9 39.5 59.3

130 31.7 25.9 38.9





#13

2-Methylphenol

Concen: 27.093 ng/ul

RT: 8.228 min Scan# 891

Delta R.T. 0.000 min

Lab File: BP021668.D

Acq: 27 Aug 2024 12:31

Instrument :

BNA_P

ClientSampleId :

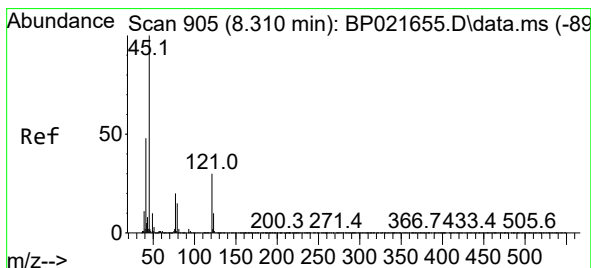
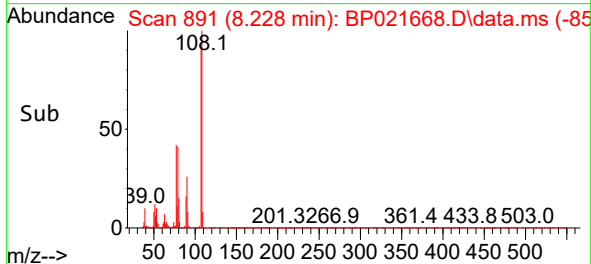
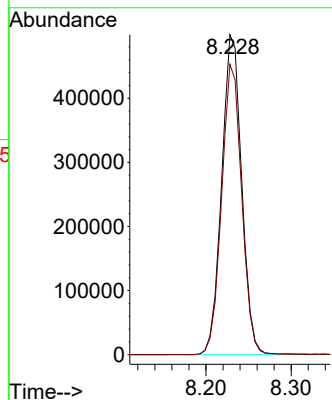
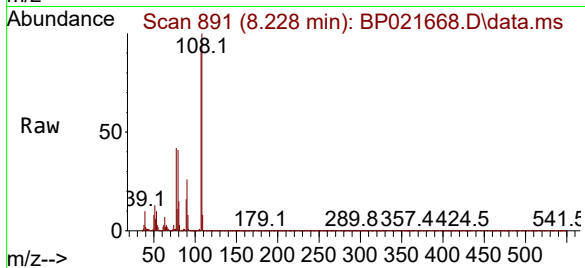
SLCS959

Tgt Ion:108 Resp: 812789

Ion Ratio Lower Upper

108 100

107 90.8 73.2 109.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 27.667 ng/ul

RT: 8.316 min Scan# 906

Delta R.T. 0.006 min

Lab File: BP021668.D

Acq: 27 Aug 2024 12:31

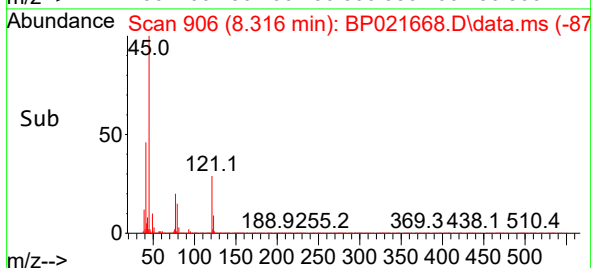
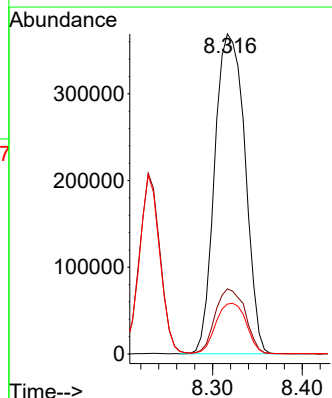
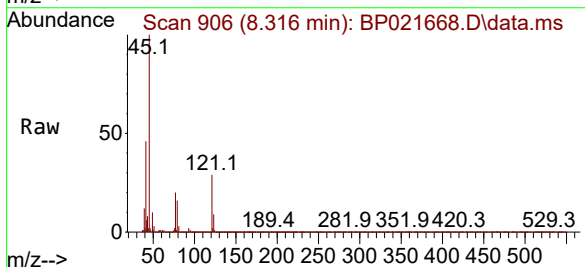
Tgt Ion: 45 Resp: 863199

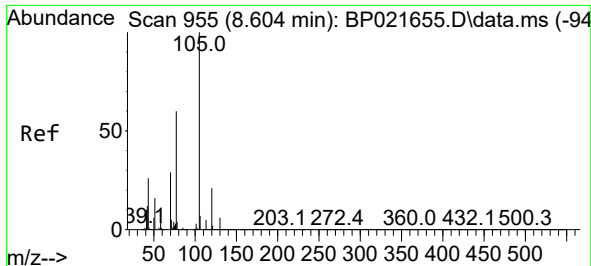
Ion Ratio Lower Upper

45 100

77 20.4 17.0 25.4

79 15.6 12.0 18.0

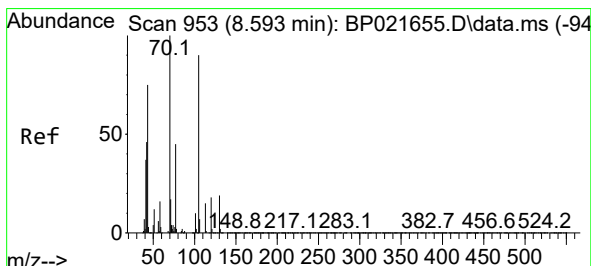
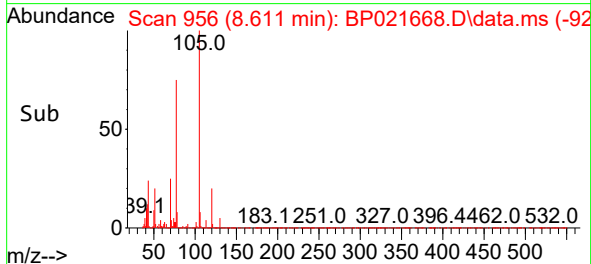
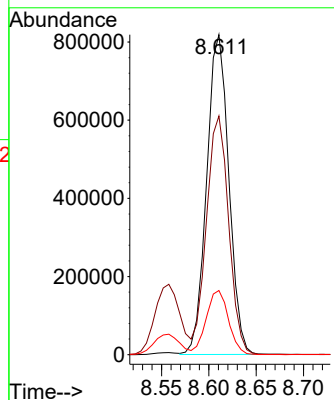
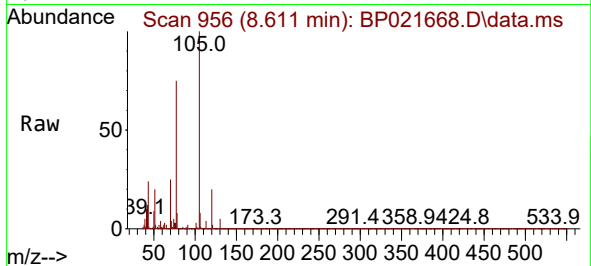




#16
Acetophenone
Concen: 27.010 ng/ul
RT: 8.611 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP021668.D
Acq: 27 Aug 2024 12:31

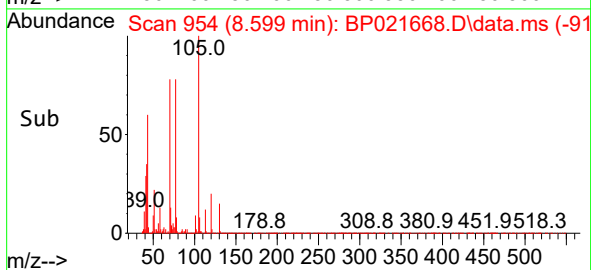
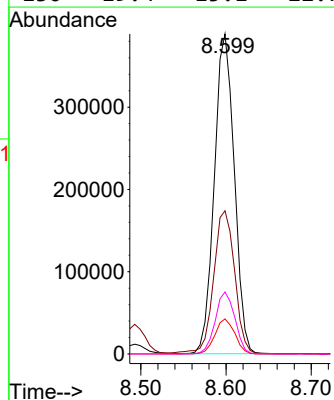
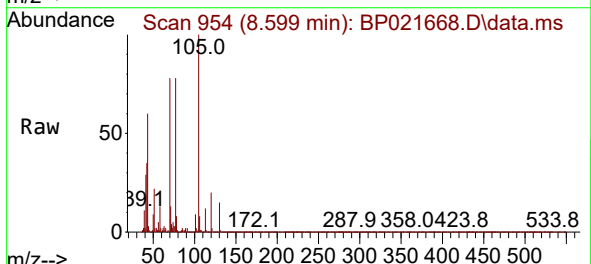
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SLCS959

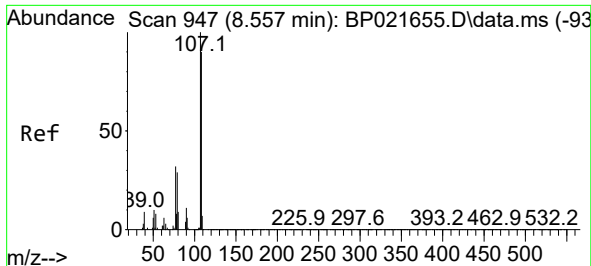
Tgt Ion:105 Resp: 1334453
Ion Ratio Lower Upper
105 100
77 74.6 59.4 89.2
51 20.0 16.4 24.6



#17
N-Nitroso-di-n-propylamine
Concen: 27.207 ng/ul
RT: 8.599 min Scan# 954
Delta R.T. 0.006 min
Lab File: BP021668.D
Acq: 27 Aug 2024 12:31

Tgt Ion: 70 Resp: 634352
Ion Ratio Lower Upper
70 100
42 44.8 35.8 53.6
101 11.0 8.2 12.4
130 19.4 15.1 22.7

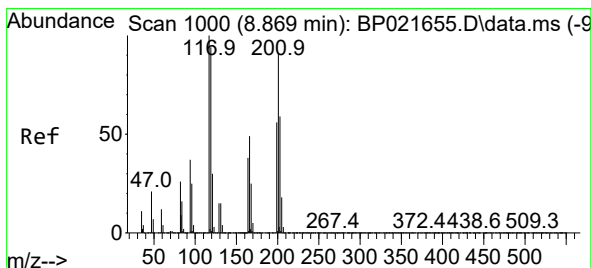
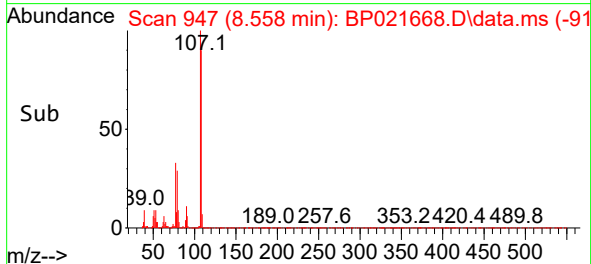
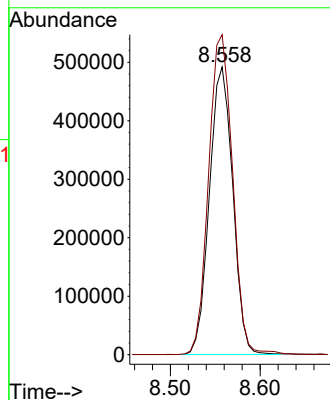
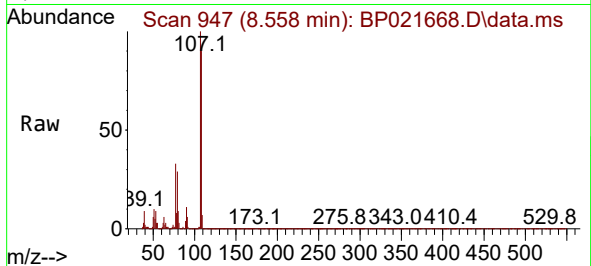




#18
4-Methylphenol
Concen: 27.118 ng/ul
RT: 8.558 min Scan# 947
Delta R.T. 0.000 min
Lab File: BP021668.D
Acq: 27 Aug 2024 12:31

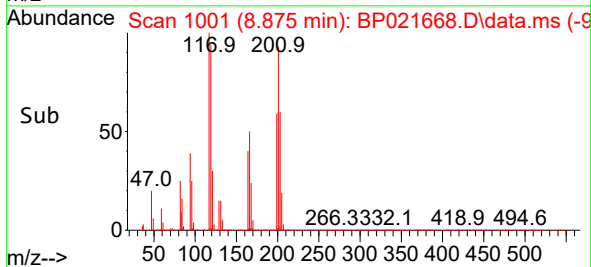
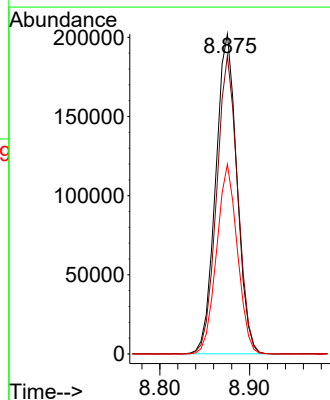
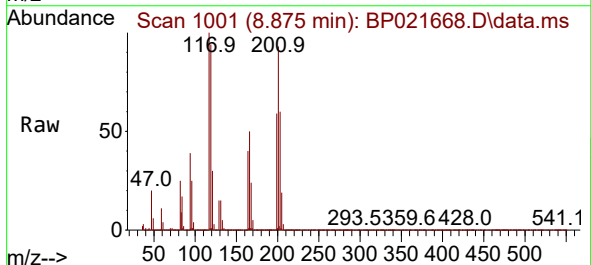
Instrument :
BNA_P
ClientSampleId :
SLCS959

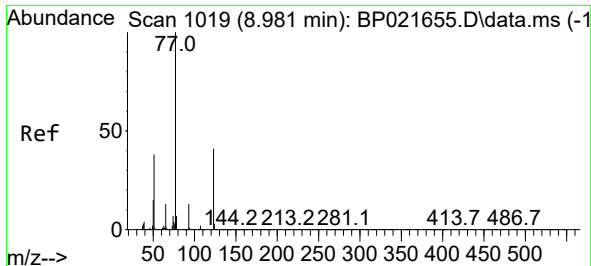
Tgt Ion:108 Resp: 890653
Ion Ratio Lower Upper
108 100
107 111.2 90.1 135.1



#19
Hexachloroethane
Concen: 27.458 ng/ul
RT: 8.875 min Scan# 1001
Delta R.T. 0.006 min
Lab File: BP021668.D
Acq: 27 Aug 2024 12:31

Tgt Ion:117 Resp: 331798
Ion Ratio Lower Upper
117 100
201 93.2 75.3 112.9
199 59.2 47.4 71.0

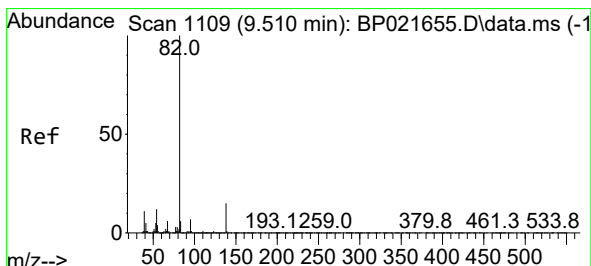
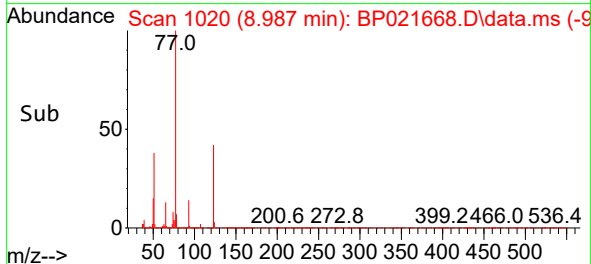
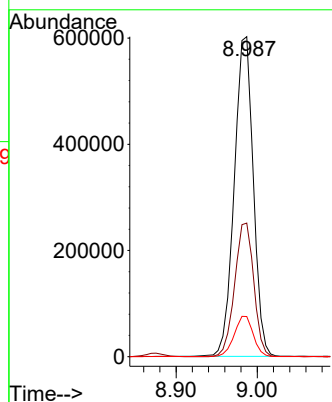
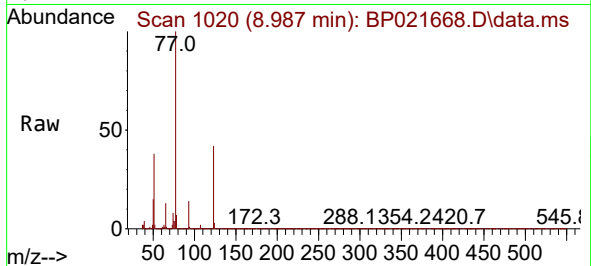




#22
Nitrobenzene
Concen: 27.968 ng/ul
RT: 8.987 min Scan# 1019
Delta R.T. 0.006 min
Lab File: BP021668.D
Acq: 27 Aug 2024 12:31

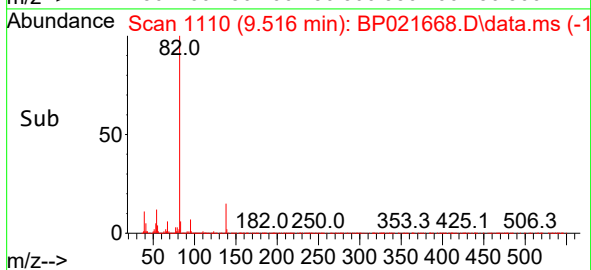
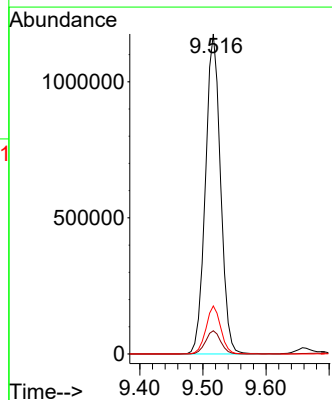
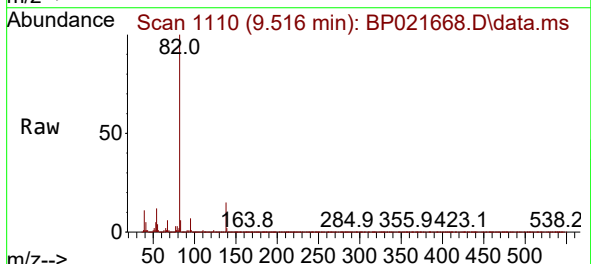
Instrument :
BNA_P
ClientSampleId :
SLCS959

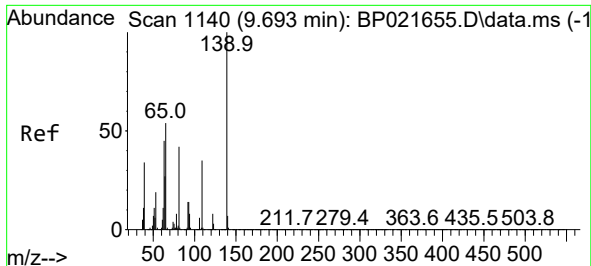
Tgt Ion: 77 Resp: 981174
Ion Ratio Lower Upper
77 100
123 41.8 33.2 49.8
65 12.6 9.8 14.6



#23
Isophorone
Concen: 27.765 ng/ul
RT: 9.516 min Scan# 1110
Delta R.T. 0.006 min
Lab File: BP021668.D
Acq: 27 Aug 2024 12:31

Tgt Ion: 82 Resp: 1954598
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 15.0 11.8 17.8

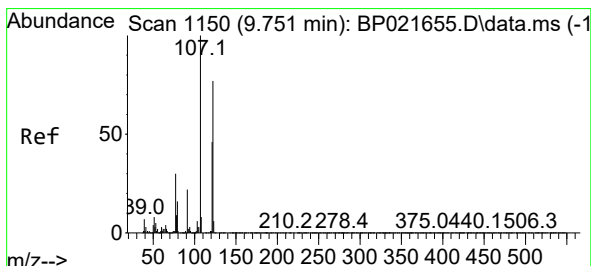
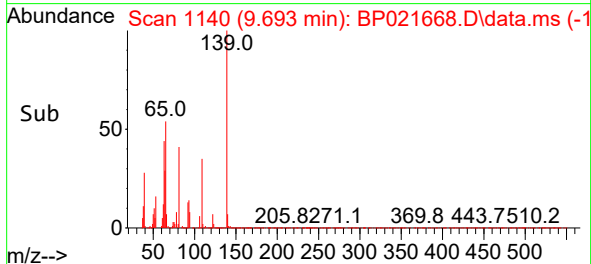
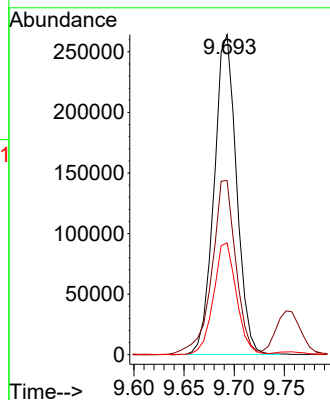
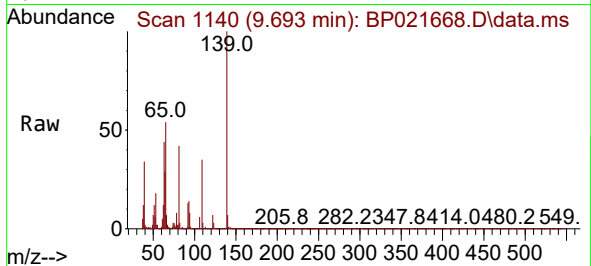




#25
2-Nitrophenol
Concen: 28.984 ng/ul
RT: 9.693 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BP021668.D
Acq: 27 Aug 2024 12:31

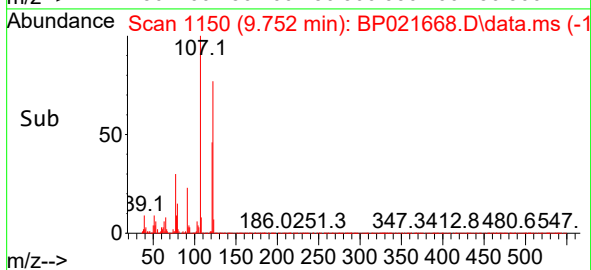
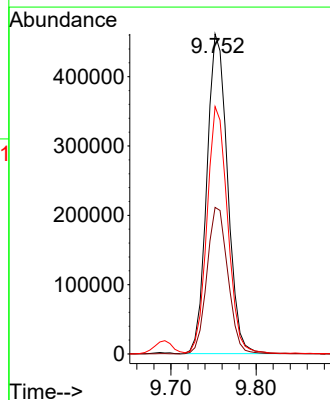
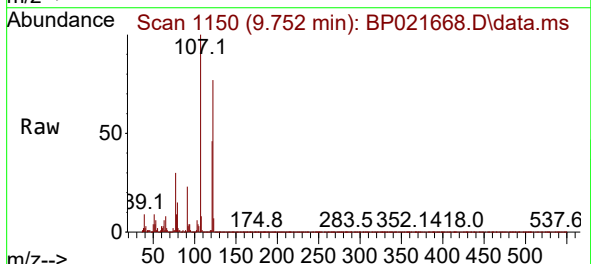
Instrument :
BNA_P
ClientSampleId :
SLCS959

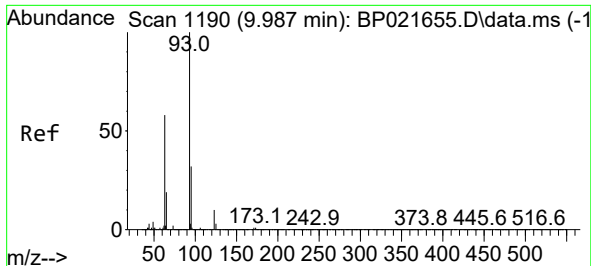
Tgt Ion:139 Resp: 410118
Ion Ratio Lower Upper
139 100
65 54.5 46.2 69.2
109 34.9 28.0 42.0



#26
2,4-Dimethylphenol
Concen: 22.366 ng/ul
RT: 9.752 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BP021668.D
Acq: 27 Aug 2024 12:31

Tgt Ion:107 Resp: 776731
Ion Ratio Lower Upper
107 100
121 45.8 36.9 55.3
122 77.3 61.0 91.4





#27

Bis(2-Chloroethoxy)methane

Concen: 27.601 ng/ul

RT: 9.987 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BP021668.D

Acq: 27 Aug 2024 12:31

Instrument :

BNA_P

ClientSampleId :

SLCS959

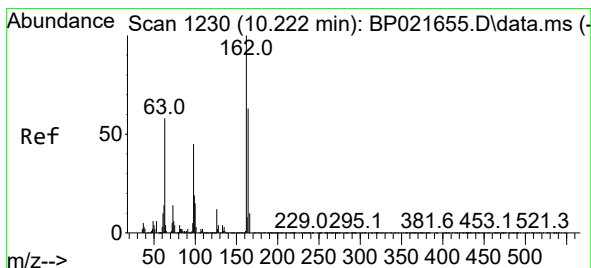
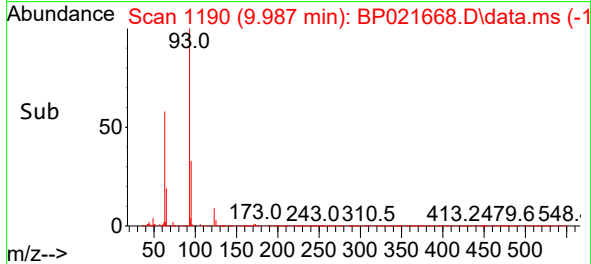
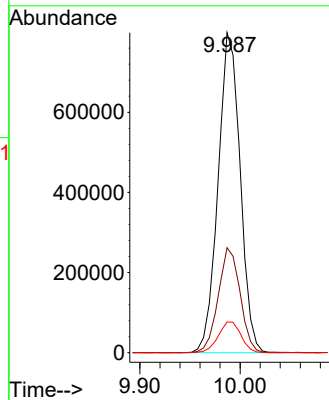
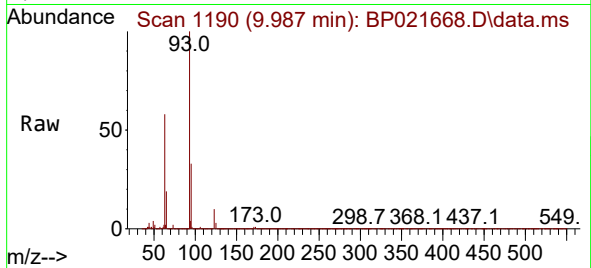
Tgt Ion: 93 Resp: 1218588

Ion Ratio Lower Upper

93 100

95 32.8 25.3 37.9

123 9.6 7.4 11.0



#29

2,4-Dichlorophenol

Concen: 27.954 ng/ul

RT: 10.228 min Scan# 1231

Delta R.T. 0.006 min

Lab File: BP021668.D

Acq: 27 Aug 2024 12:31

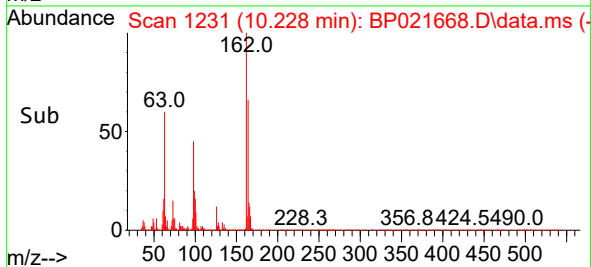
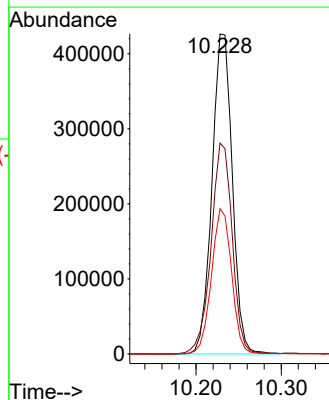
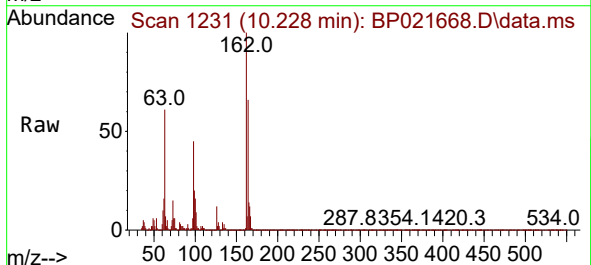
Tgt Ion:162 Resp: 706925

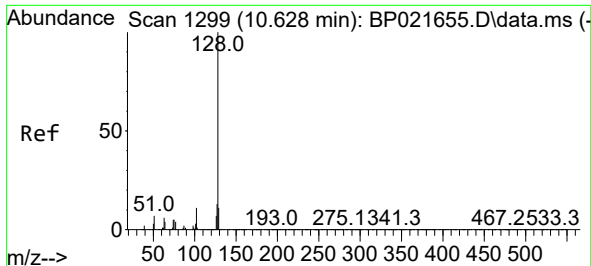
Ion Ratio Lower Upper

162 100

164 65.9 52.3 78.5

98 45.4 35.3 52.9

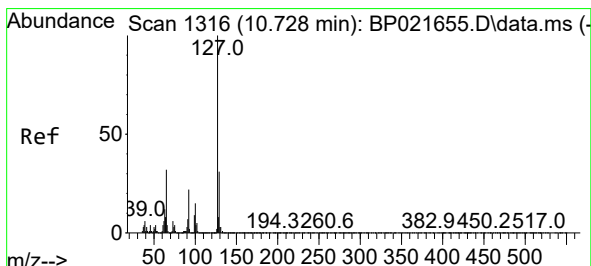
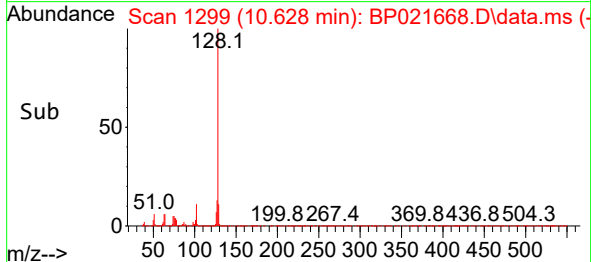
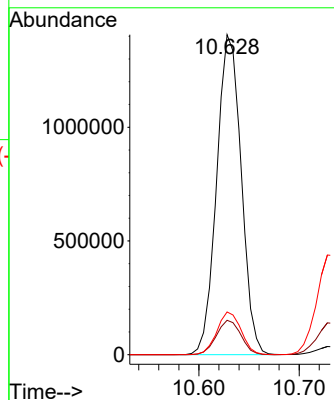
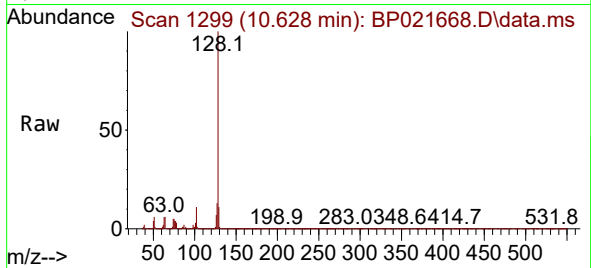




#30
Naphthalene
Concen: 27.132 ng/ul
RT: 10.628 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BP021668.D
Acq: 27 Aug 2024 12:31

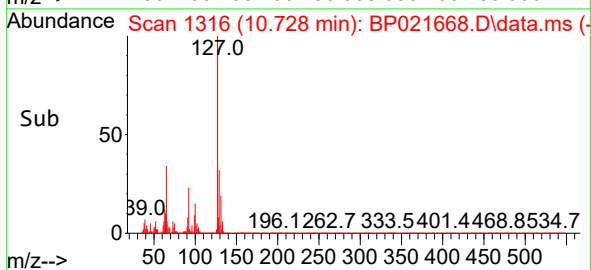
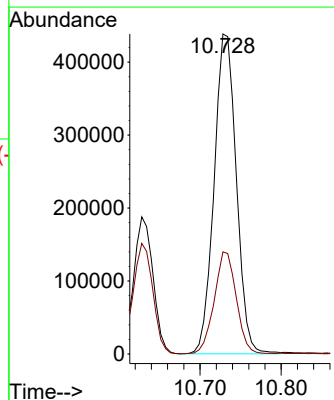
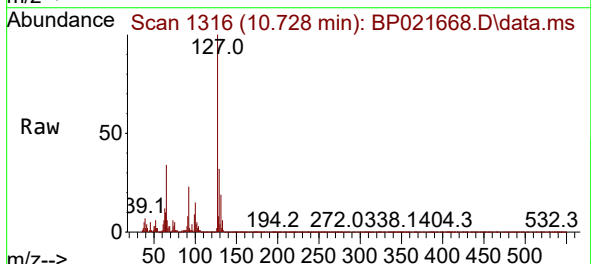
Instrument :
BNA_P
ClientSampleId :
SLCS959

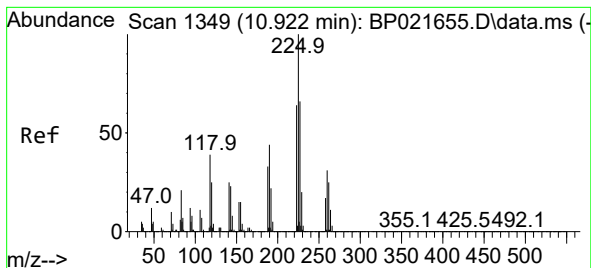
Tgt Ion:128 Resp: 2391314
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.4 10.5 15.7



#32
4-Chloroaniline
Concen: 22.581 ng/ul
RT: 10.728 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BP021668.D
Acq: 27 Aug 2024 12:31

Tgt Ion:127 Resp: 834678
Ion Ratio Lower Upper
127 100
129 31.9 25.8 38.8





#33

Hexachlorobutadiene

Concen: 26.522 ng/ul

RT: 10.922 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP021668.D

Acq: 27 Aug 2024 12:31

Instrument :

BNA_P

ClientSampleId :

SLCS959

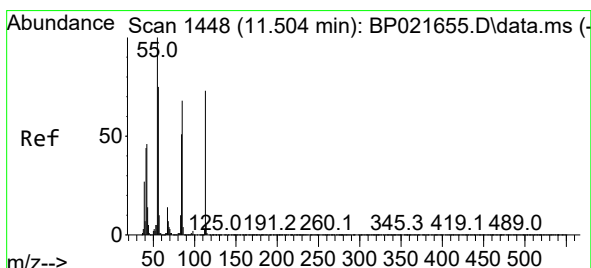
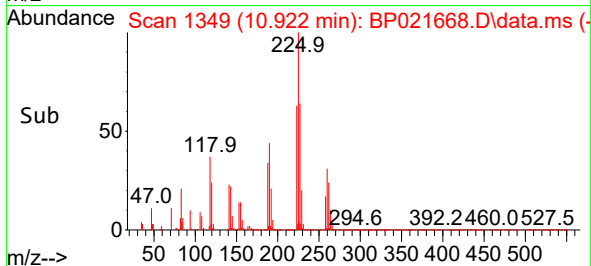
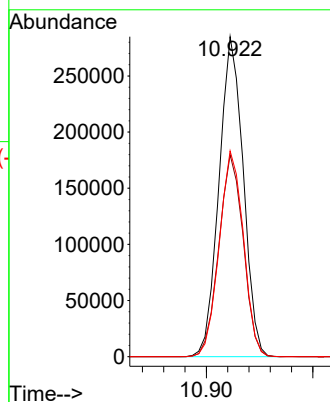
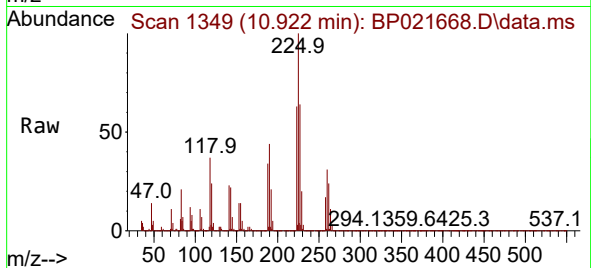
Tgt Ion:225 Resp: 450025

Ion Ratio Lower Upper

225 100

223 63.1 51.5 77.3

227 64.3 51.3 76.9



#34

Caprolactam

Concen: 27.049 ng/ul

RT: 11.510 min Scan# 1449

Delta R.T. 0.006 min

Lab File: BP021668.D

Acq: 27 Aug 2024 12:31

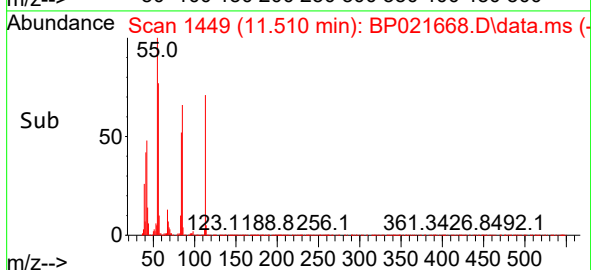
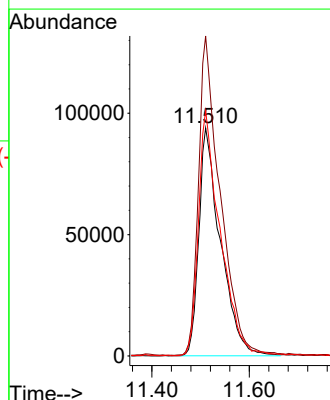
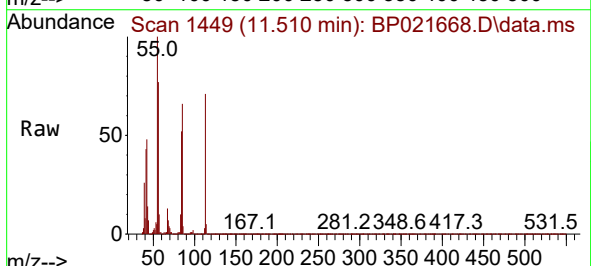
Tgt Ion:113 Resp: 289264

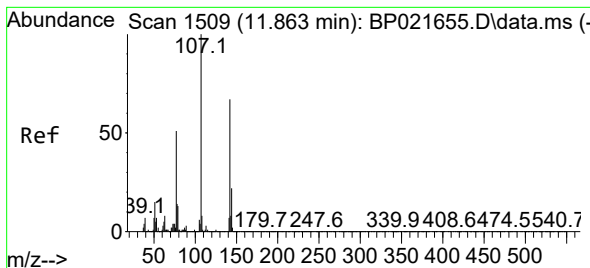
Ion Ratio Lower Upper

113 100

55 140.3 110.2 165.2

56 107.5 84.9 127.3

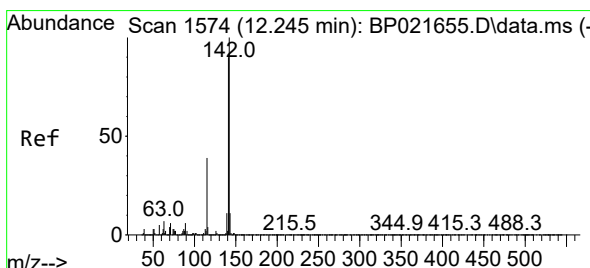
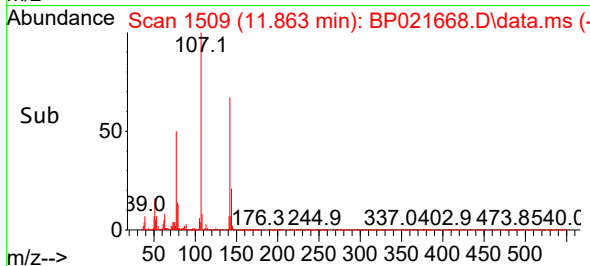
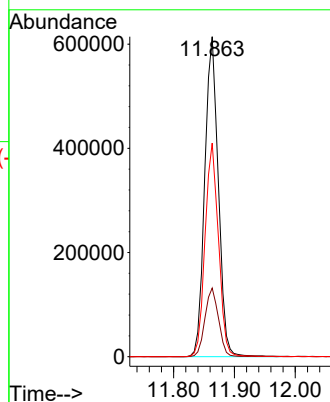
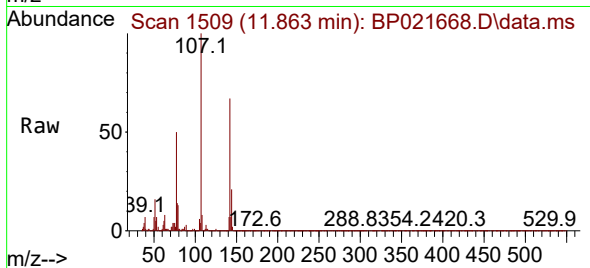




#35
4-Chloro-3-methylphenol
Concen: 28.440 ng/ul
RT: 11.863 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BP021668.D
Acq: 27 Aug 2024 12:31

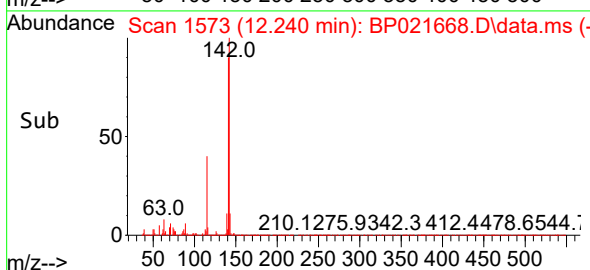
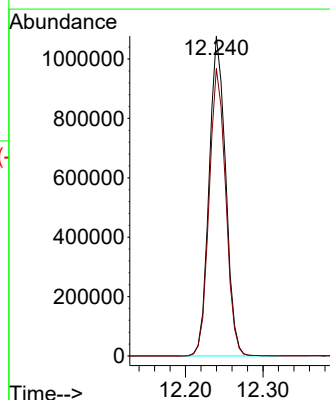
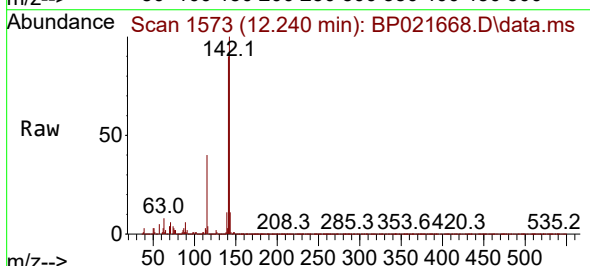
Instrument :
BNA_P
ClientSampleId :
SLCS959

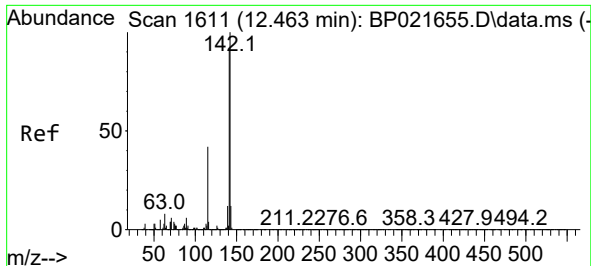
Tgt Ion:107 Resp: 951917
Ion Ratio Lower Upper
107 100
144 21.5 17.5 26.3
142 66.8 53.3 79.9



#36
2-Methylnaphthalene
Concen: 26.750 ng/ul
RT: 12.240 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BP021668.D
Acq: 27 Aug 2024 12:31

Tgt Ion:142 Resp: 1594715
Ion Ratio Lower Upper
142 100
141 89.9 71.1 106.7





#37

1-Methylnaphthalene

Concen: 26.974 ng/ul

RT: 12.469 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP021668.D

Acq: 27 Aug 2024 12:31

Instrument :

BNA_P

ClientSampleId :

SLCS959

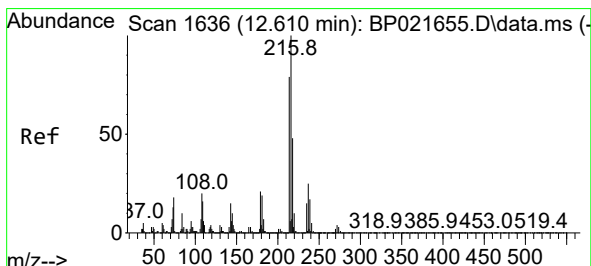
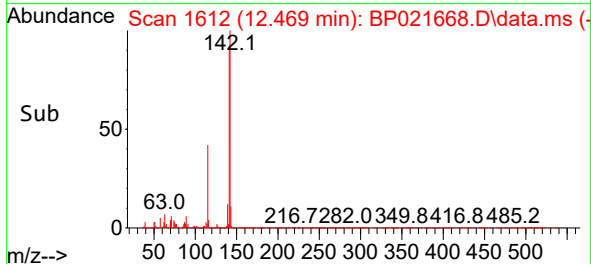
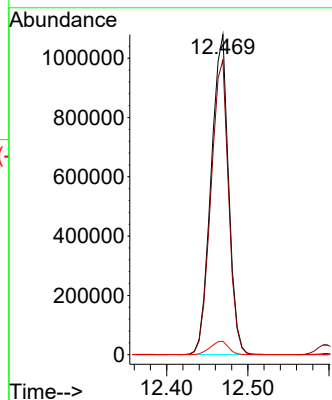
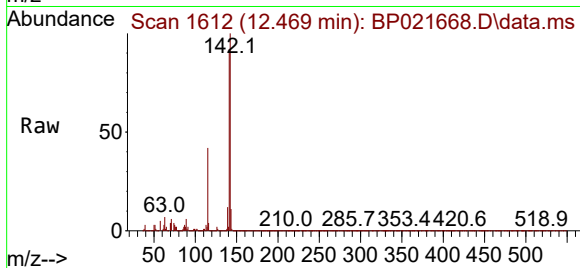
Tgt Ion:142 Resp: 1617380

Ion Ratio Lower Upper

142 100

141 92.1 74.6 111.8

116 4.2 3.5 5.3



#39

1,2,4,5-Tetrachlorobenzene

Concen: 27.741 ng/ul

RT: 12.610 min Scan# 1636

Delta R.T. 0.000 min

Lab File: BP021668.D

Acq: 27 Aug 2024 12:31

Tgt Ion:216 Resp: 900022

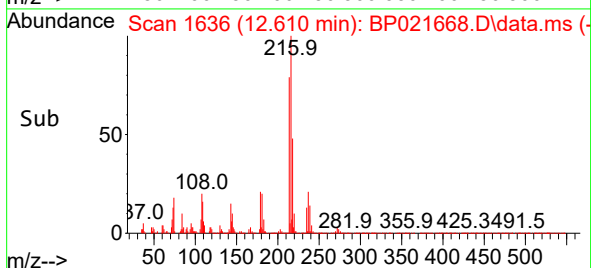
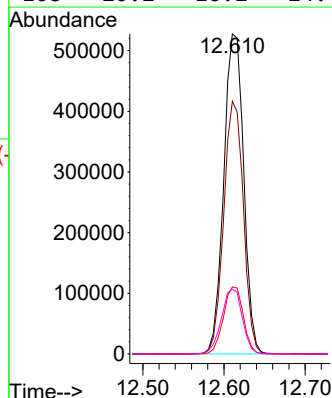
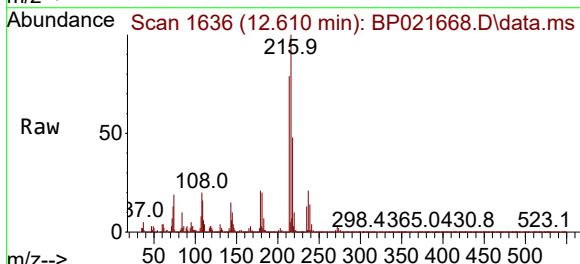
Ion Ratio Lower Upper

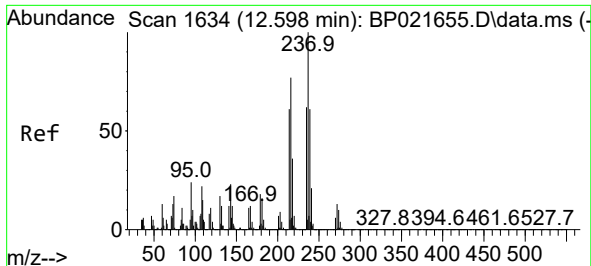
216 100

214 79.0 63.2 94.8

179 21.0 16.6 25.0

108 20.2 16.2 24.4

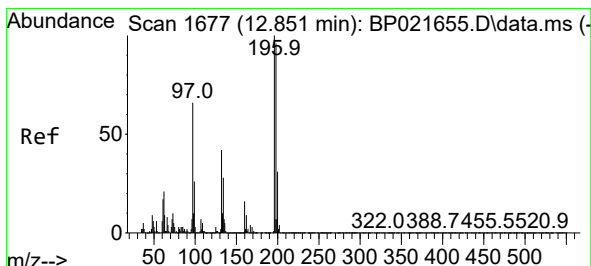
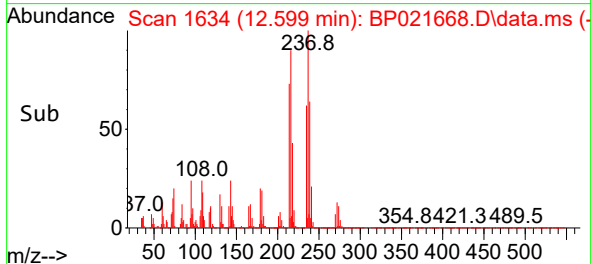
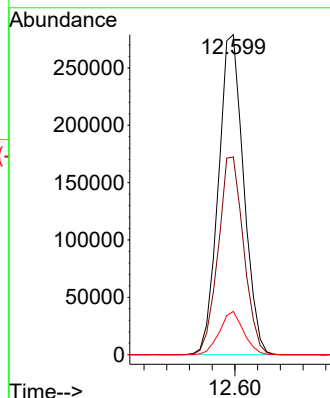
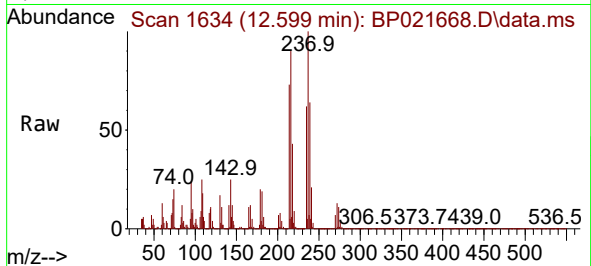




#40
Hexachlorocyclopentadiene
Concen: 23.110 ng/ul
RT: 12.599 min Scan# 1634
Delta R.T. 0.000 min
Lab File: BP021668.D
Acq: 27 Aug 2024 12:31

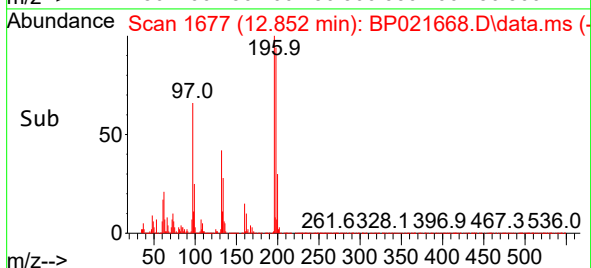
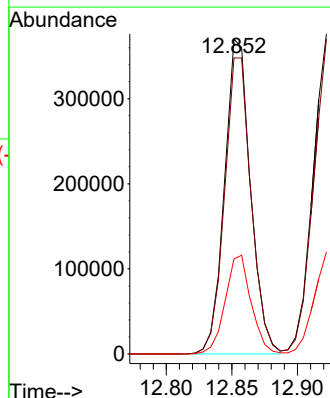
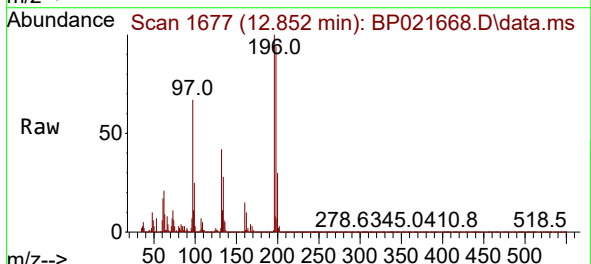
Instrument :
BNA_P
ClientSampleId :
SLCS959

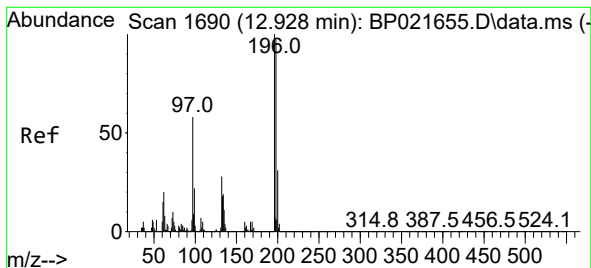
Tgt Ion:237 Resp: 430226
Ion Ratio Lower Upper
237 100
235 61.8 50.7 76.1
272 13.5 11.0 16.6



#41
2,4,6-Trichlorophenol
Concen: 24.502 ng/ul
RT: 12.852 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BP021668.D
Acq: 27 Aug 2024 12:31

Tgt Ion:196 Resp: 511820
Ion Ratio Lower Upper
196 100
198 94.0 76.5 114.7
200 30.2 25.3 37.9





#42

2,4,5-Trichlorophenol

Concen: 26.263 ng/ul

RT: 12.922 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP021668.D

Acq: 27 Aug 2024 12:31

Instrument :

BNA_P

ClientSampleId :

SLCS959

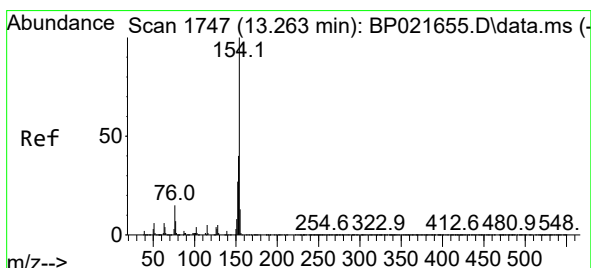
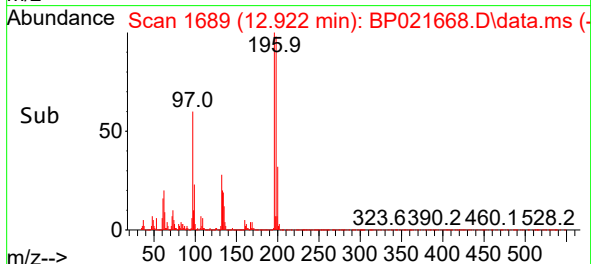
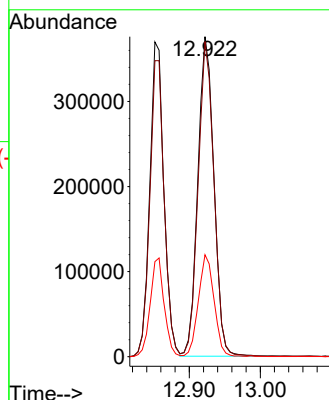
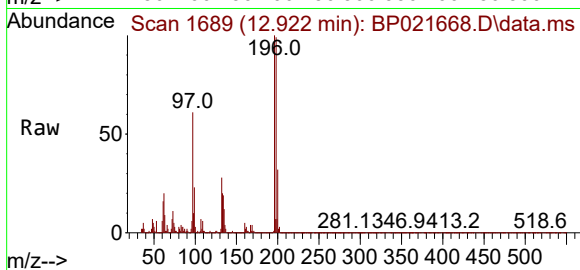
Tgt Ion:196 Resp: 592385

Ion Ratio Lower Upper

196 100

198 98.5 78.0 117.0

200 31.9 24.3 36.5



#43

1,1'-Biphenyl

Concen: 27.263 ng/ul

RT: 13.257 min Scan# 1746

Delta R.T. -0.006 min

Lab File: BP021668.D

Acq: 27 Aug 2024 12:31

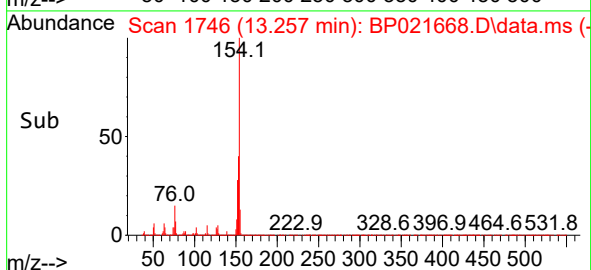
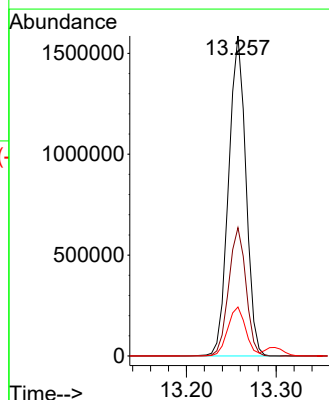
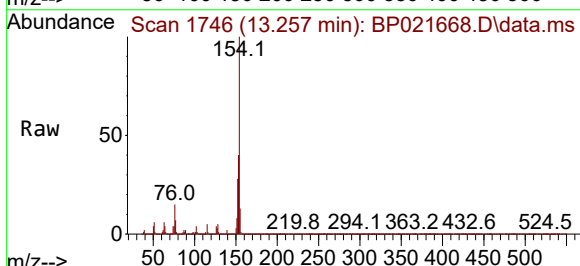
Tgt Ion:154 Resp: 2123239

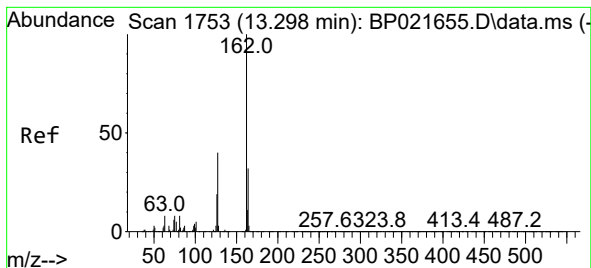
Ion Ratio Lower Upper

154 100

153 40.1 31.6 47.4

76 15.3 12.6 18.8

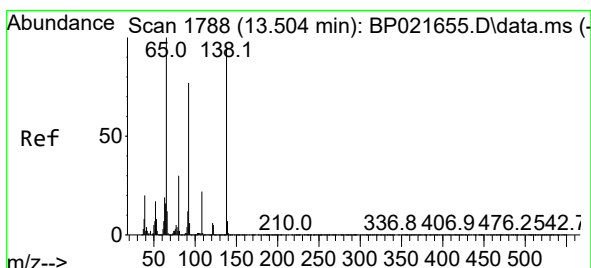
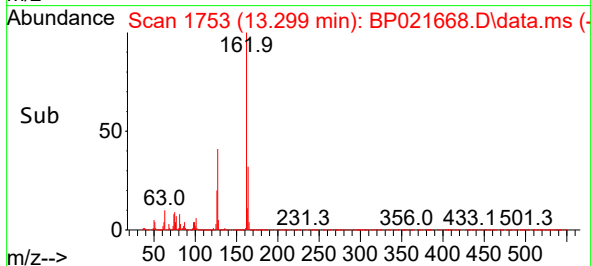
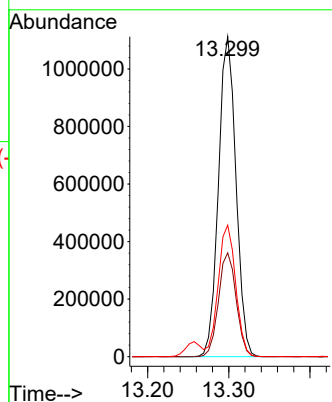
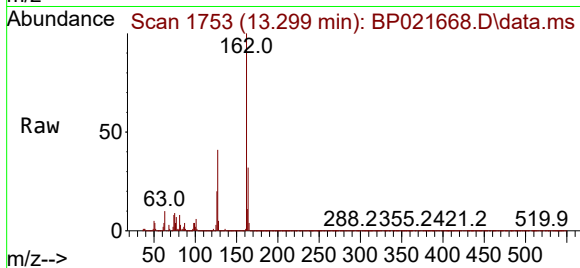




#44
2-Chloronaphthalene
Concen: 27.311 ng/ul
RT: 13.299 min Scan# 1753
Delta R.T. 0.000 min
Lab File: BP021668.D
Acq: 27 Aug 2024 12:31

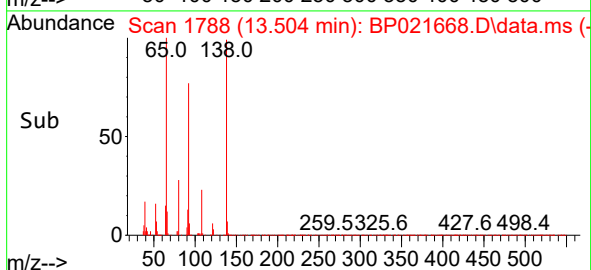
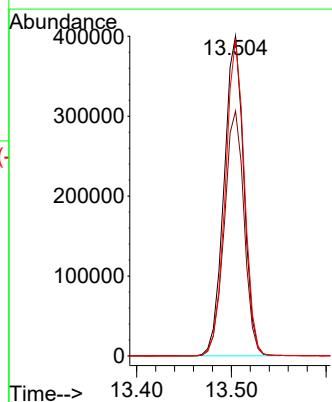
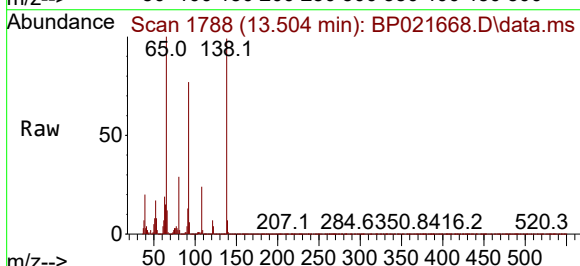
Instrument :
BNA_P
ClientSampleId :
SLCS959

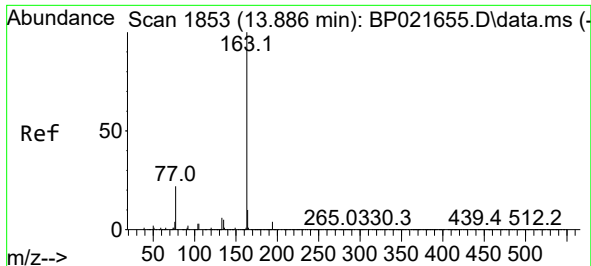
Tgt Ion:162 Resp: 1667739
Ion Ratio Lower Upper
162 100
164 32.5 26.0 39.0
127 41.1 33.1 49.7



#45
2-Nitroaniline
Concen: 30.251 ng/ul
RT: 13.504 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BP021668.D
Acq: 27 Aug 2024 12:31

Tgt Ion: 65 Resp: 578698
Ion Ratio Lower Upper
65 100
92 76.6 65.4 98.2
138 99.0 77.5 116.3

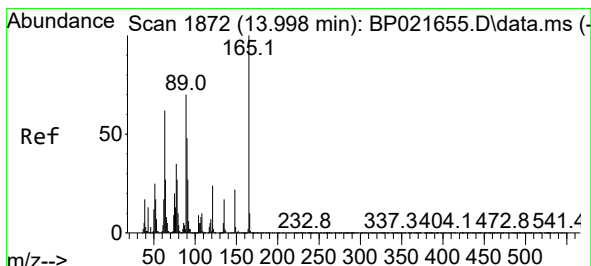
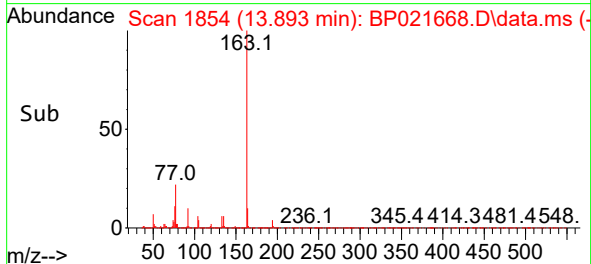
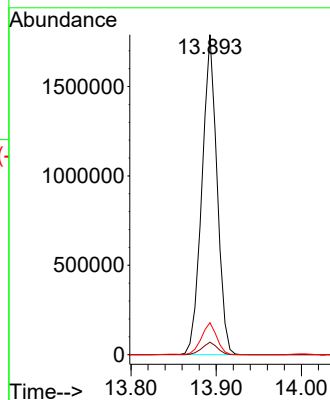
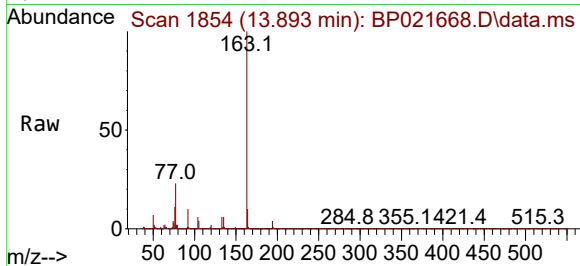




#47
Dimethylphthalate
Concen: 27.872 ng/ul
RT: 13.893 min Scan# 1854
Delta R.T. 0.006 min
Lab File: BP021668.D
Acq: 27 Aug 2024 12:31

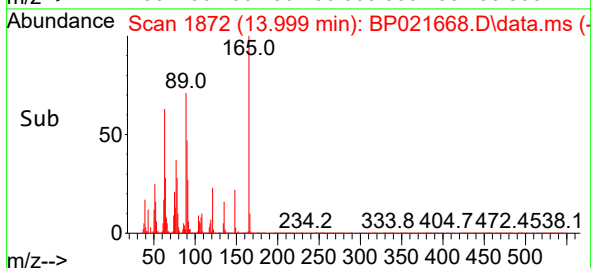
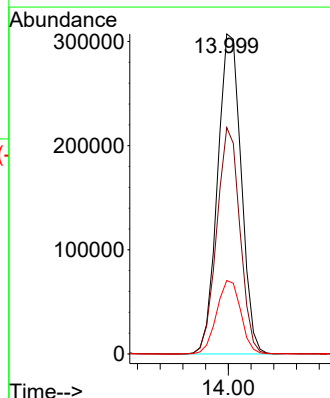
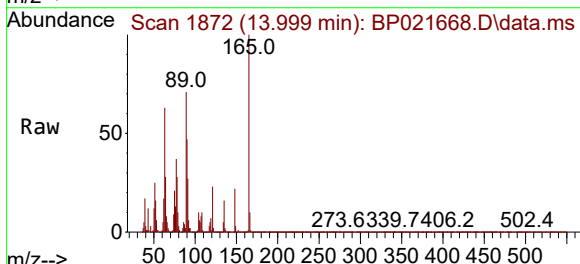
Instrument :
BNA_P
ClientSampleId :
SLCS959

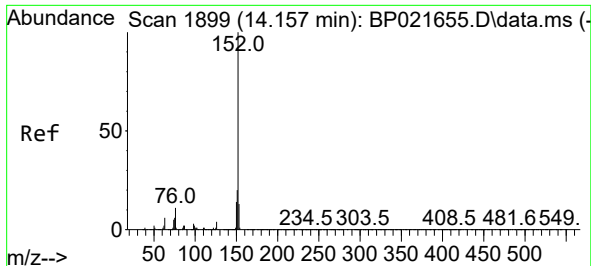
Tgt Ion:163 Resp: 2198220
Ion Ratio Lower Upper
163 100
194 3.9 3.5 5.3
164 10.0 7.8 11.8



#48
2,6-Dinitrotoluene
Concen: 30.541 ng/ul
RT: 13.999 min Scan# 1872
Delta R.T. 0.000 min
Lab File: BP021668.D
Acq: 27 Aug 2024 12:31

Tgt Ion:165 Resp: 444229
Ion Ratio Lower Upper
165 100
89 70.8 55.7 83.5
121 22.9 18.6 28.0

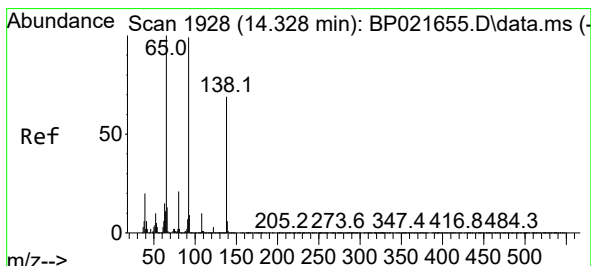
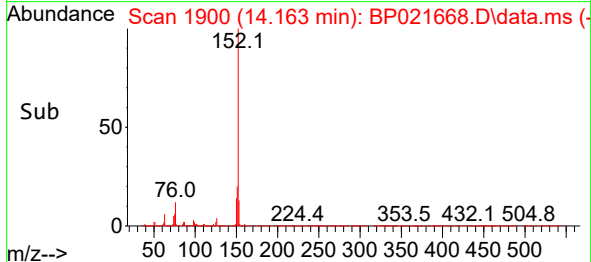
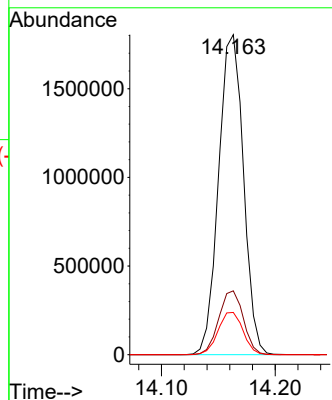
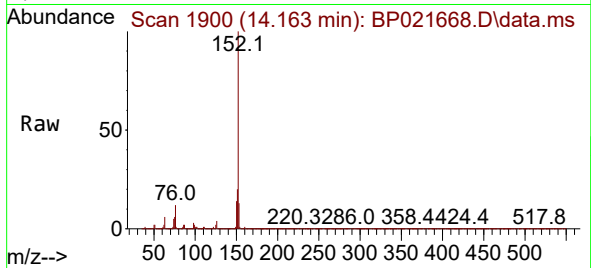




#50
Acenaphthylene
Concen: 28.842 ng/ul
RT: 14.163 min Scan# 1900
Delta R.T. 0.006 min
Lab File: BP021668.D
Acq: 27 Aug 2024 12:31

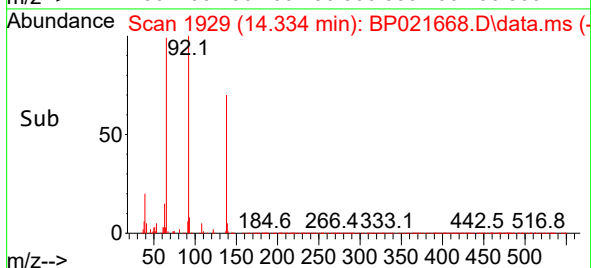
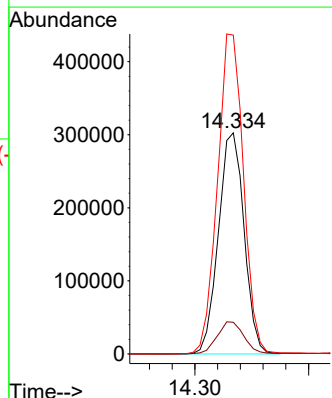
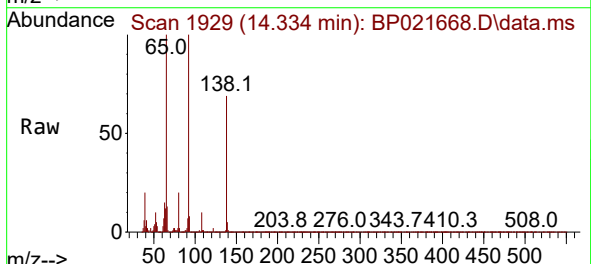
Instrument :
BNA_P
ClientSampleId :
SLCS959

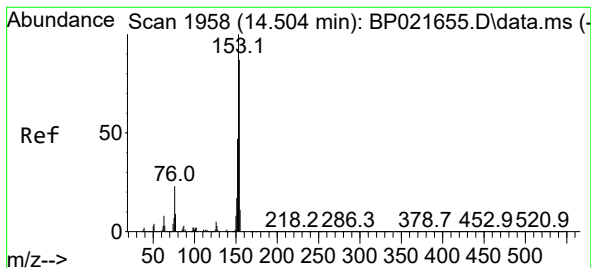
Tgt Ion:152 Resp: 2743149
Ion Ratio Lower Upper
152 100
151 19.9 15.6 23.4
153 13.2 10.2 15.4



#51
3-Nitroaniline
Concen: 29.835 ng/ul
RT: 14.334 min Scan# 1929
Delta R.T. 0.006 min
Lab File: BP021668.D
Acq: 27 Aug 2024 12:31

Tgt Ion:138 Resp: 474222
Ion Ratio Lower Upper
138 100
108 14.3 12.0 18.0
92 144.2 114.1 171.1





#52

Acenaphthene

Concen: 26.938 ng/ul

RT: 14.510 min Scan# 1959

Delta R.T. 0.006 min

Lab File: BP021668.D

Acq: 27 Aug 2024 12:31

Instrument :

BNA_P

ClientSampleId :

SLCS959

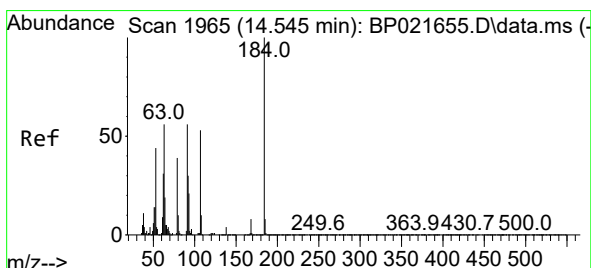
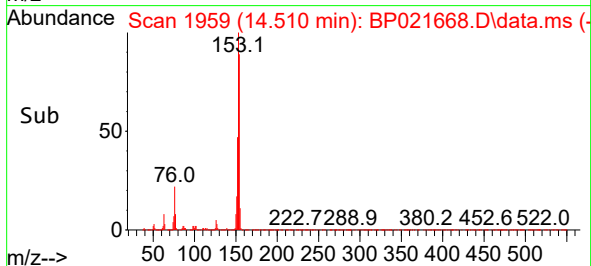
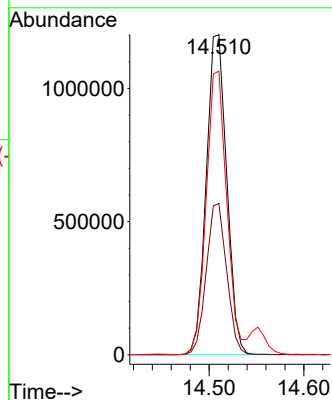
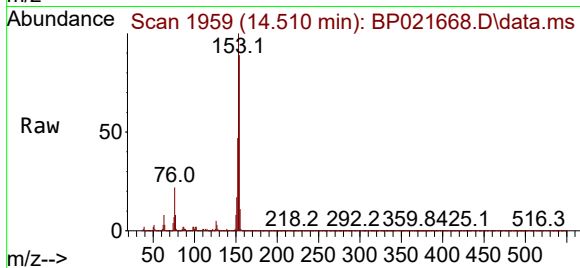
Tgt Ion:153 Resp: 1801730

Ion Ratio Lower Upper

153 100

152 47.2 38.0 57.0

154 88.6 70.2 105.4



#53

2,4-Dinitrophenol

Concen: 24.603 ng/ul

RT: 14.551 min Scan# 1966

Delta R.T. 0.006 min

Lab File: BP021668.D

Acq: 27 Aug 2024 12:31

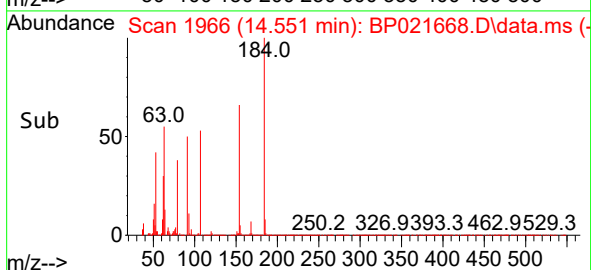
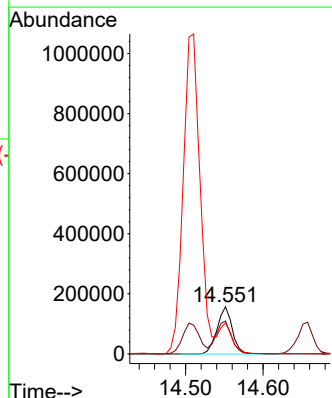
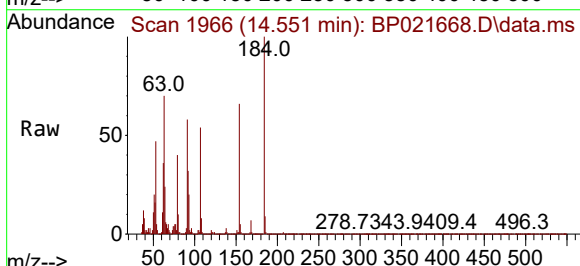
Tgt Ion:184 Resp: 214242

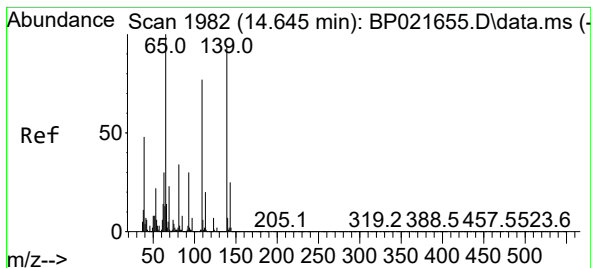
Ion Ratio Lower Upper

184 100

63 69.8 55.5 83.3

154 65.7 51.3 76.9

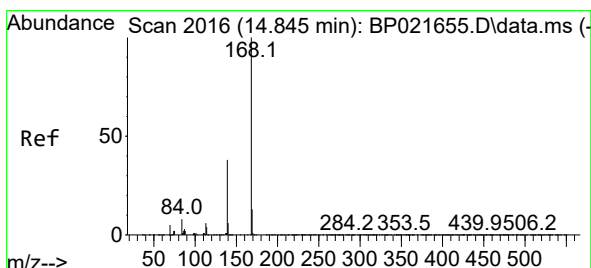
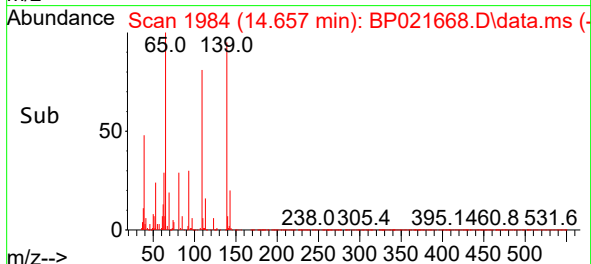
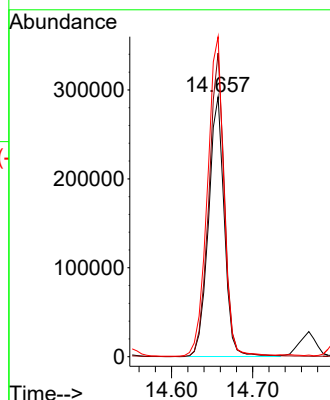
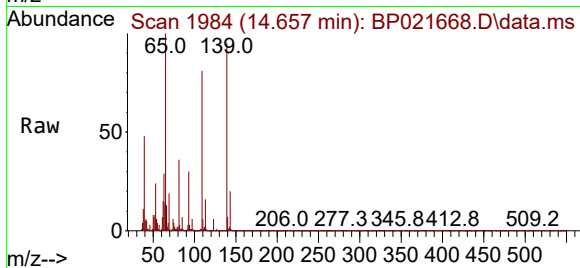




#55
4-Nitrophenol
Concen: 28.788 ng/ul
RT: 14.657 min Scan# 1984
Delta R.T. 0.012 min
Lab File: BP021668.D
Acq: 27 Aug 2024 12:31

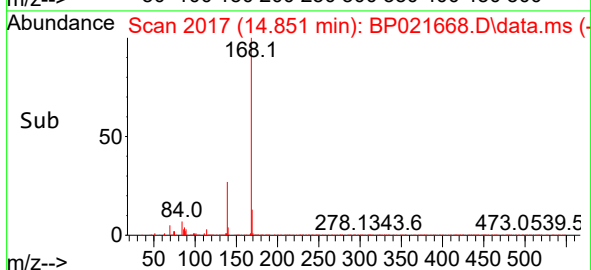
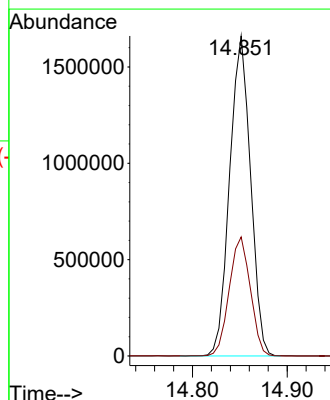
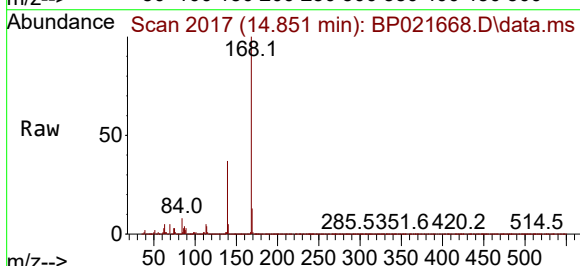
Instrument :
BNA_P
ClientSampleId :
SLCS959

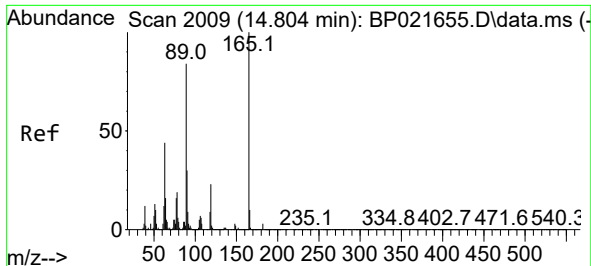
Tgt Ion:109 Resp: 395003
Ion Ratio Lower Upper
109 100
139 116.8 96.2 144.2
65 123.1 98.5 147.7



#56
Dibenzofuran
Concen: 27.470 ng/ul
RT: 14.851 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BP021668.D
Acq: 27 Aug 2024 12:31

Tgt Ion:168 Resp: 2541864
Ion Ratio Lower Upper
168 100
139 37.2 29.8 44.8

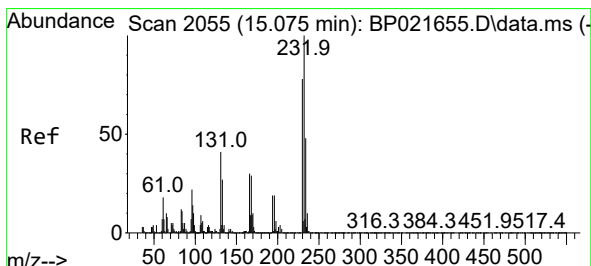
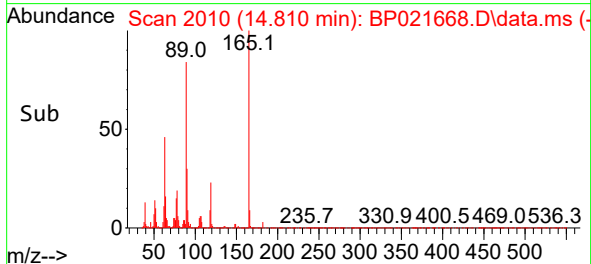
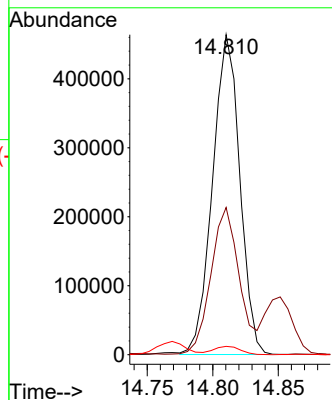
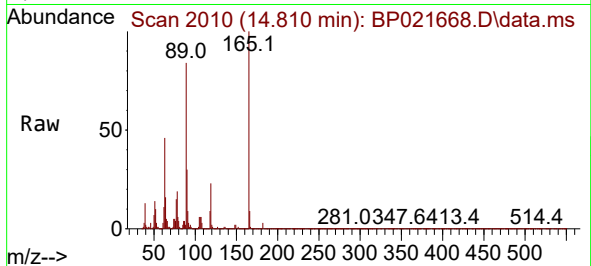




#57
2,4-Dinitrotoluene
Concen: 30.667 ng/ul
RT: 14.810 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BP021668.D
Acq: 27 Aug 2024 12:31

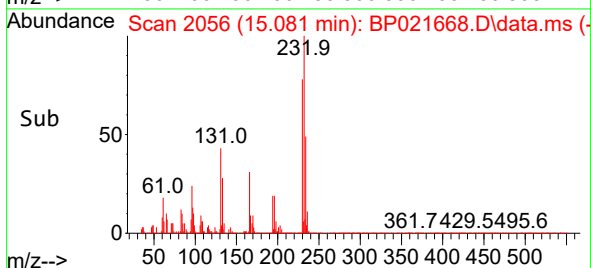
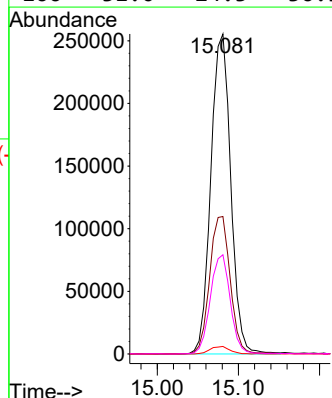
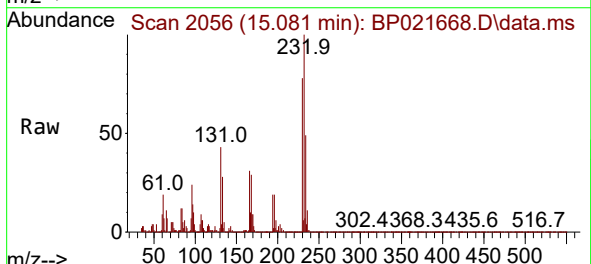
Instrument :
BNA_P
ClientSampleId :
SLCS959

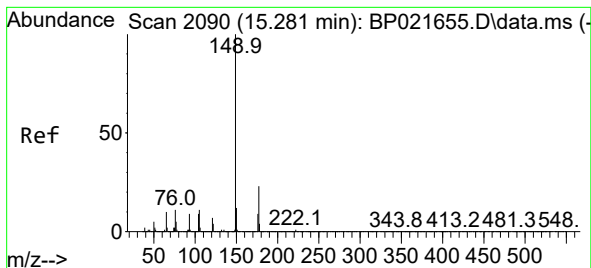
Tgt Ion:165 Resp: 670319
Ion Ratio Lower Upper
165 100
63 46.0 37.8 56.8
182 2.6 2.2 3.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 22.377 ng/ul
RT: 15.081 min Scan# 2056
Delta R.T. 0.006 min
Lab File: BP021668.D
Acq: 27 Aug 2024 12:31

Tgt Ion:232 Resp: 434864
Ion Ratio Lower Upper
232 100
131 42.9 33.9 50.9
130 2.4 2.0 3.0
166 31.0 24.3 36.5





#59

Diethylphthalate

Concen: 27.885 ng/ul

RT: 15.281 min Scan# 2090

Delta R.T. 0.000 min

Lab File: BP021668.D

Acq: 27 Aug 2024 12:31

Instrument :

BNA_P

ClientSampleId :

SLCS959

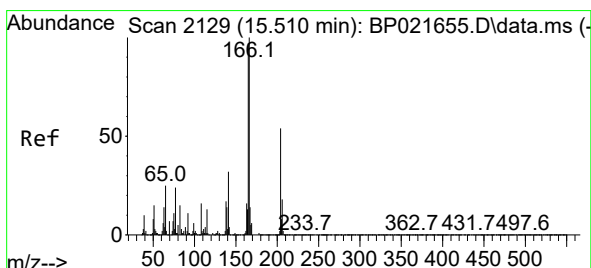
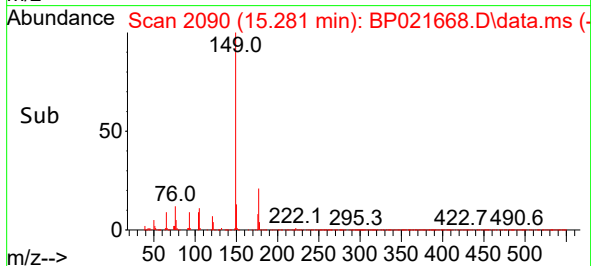
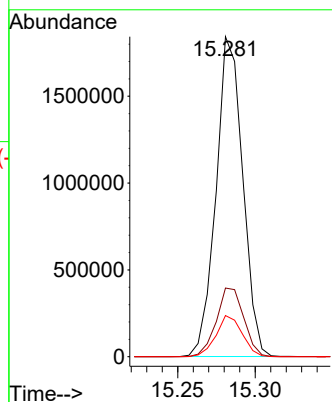
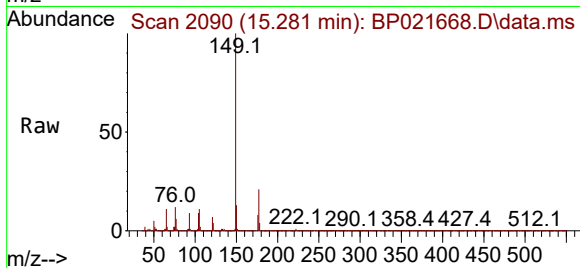
Tgt Ion:149 Resp: 2208511

Ion Ratio Lower Upper

149 100

177 21.4 18.0 27.0

150 12.8 9.8 14.8



#61

Fluorene

Concen: 27.680 ng/ul

RT: 15.516 min Scan# 2130

Delta R.T. 0.006 min

Lab File: BP021668.D

Acq: 27 Aug 2024 12:31

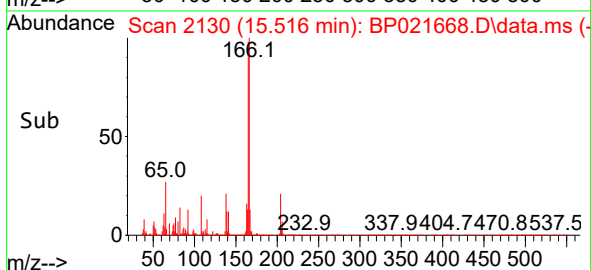
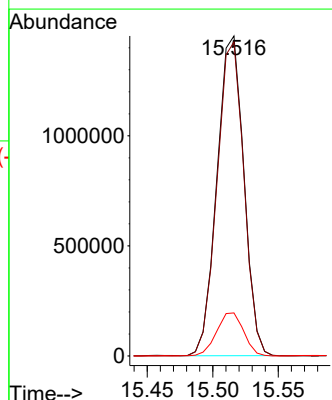
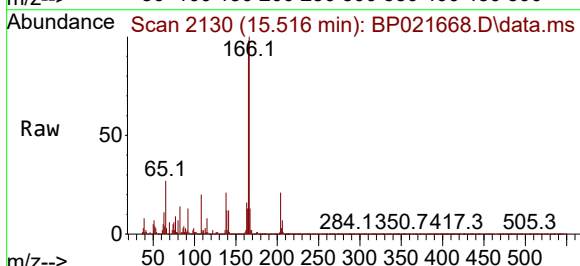
Tgt Ion:166 Resp: 2071668

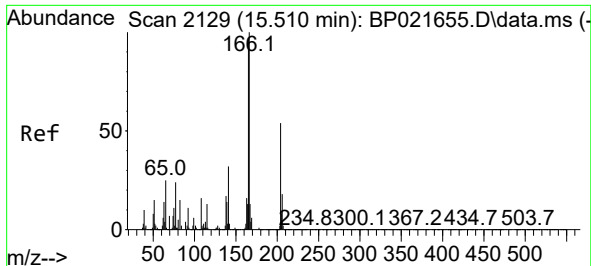
Ion Ratio Lower Upper

166 100

165 98.1 78.2 117.2

167 13.4 10.8 16.2

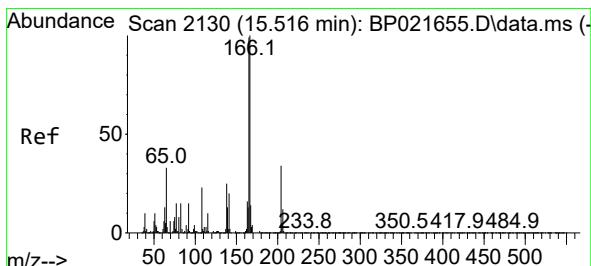
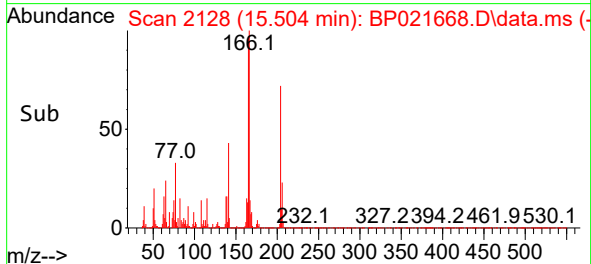
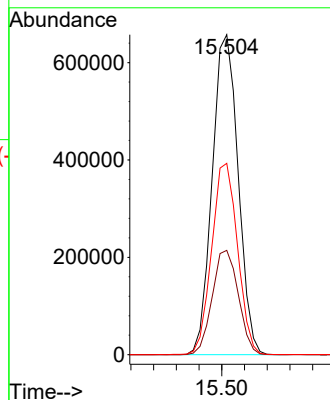
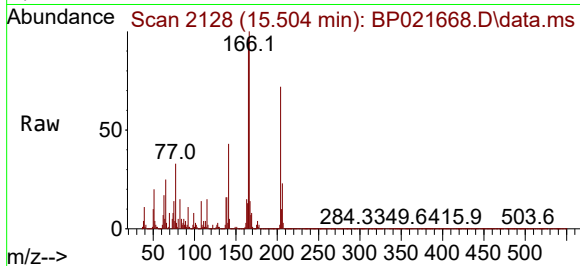




#62
4-Chlorophenyl-phenylether
Concen: 27.686 ng/ul
RT: 15.504 min Scan# 2128
Delta R.T. -0.006 min
Lab File: BP021668.D
Acq: 27 Aug 2024 12:31

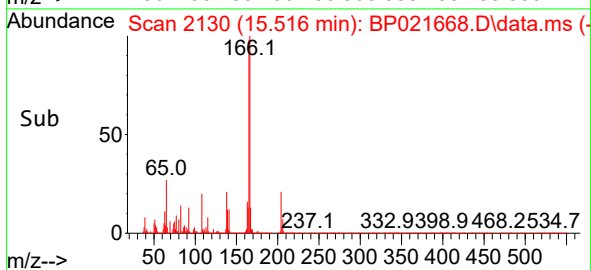
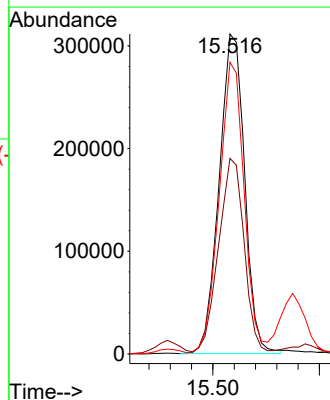
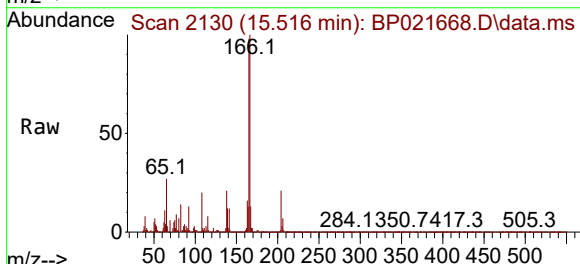
Instrument :
BNA_P
ClientSampleId :
SLCS959

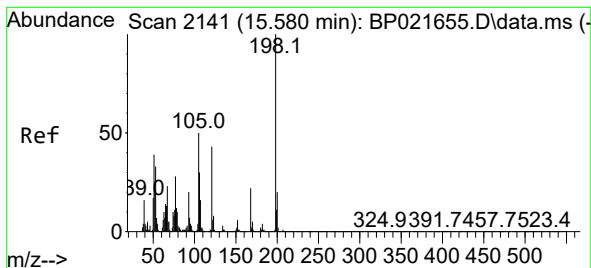
Tgt Ion:204 Resp: 1041196
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.4
141 59.8 48.6 73.0



#63
4-Nitroaniline
Concen: 33.621 ng/ul
RT: 15.516 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP021668.D
Acq: 27 Aug 2024 12:31

Tgt Ion:138 Resp: 516484
Ion Ratio Lower Upper
138 100
92 61.1 50.7 76.1
108 91.1 72.2 108.2

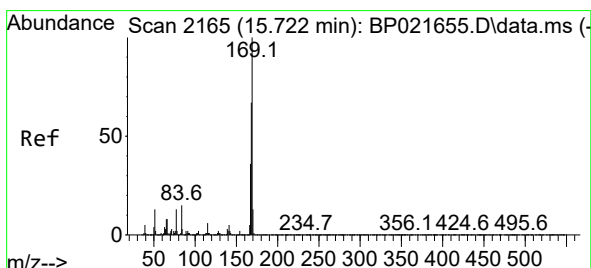
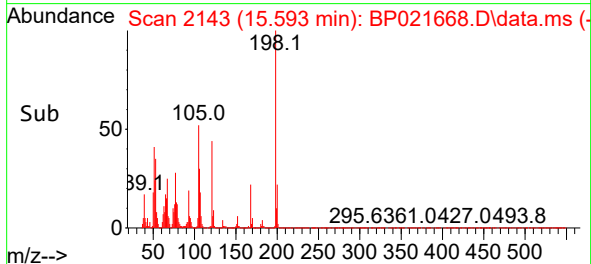
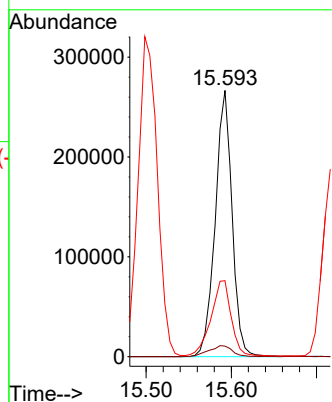
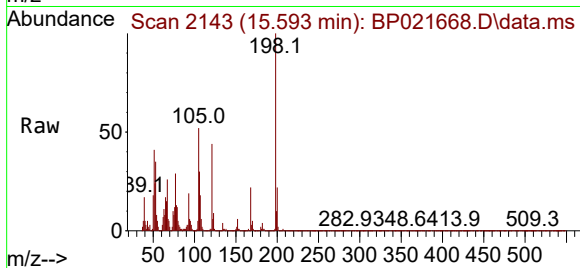




#66
4,6-Dinitro-2-methylphenol
Concen: 26.571 ng/ul
RT: 15.593 min Scan# 2143
Delta R.T. 0.012 min
Lab File: BP021668.D
Acq: 27 Aug 2024 12:31

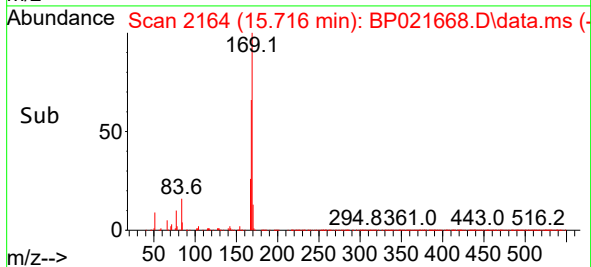
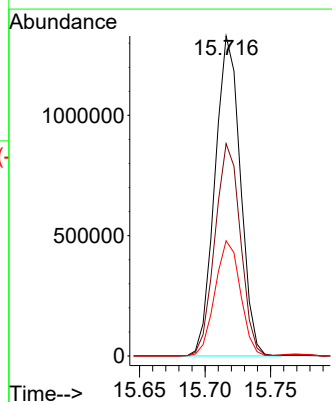
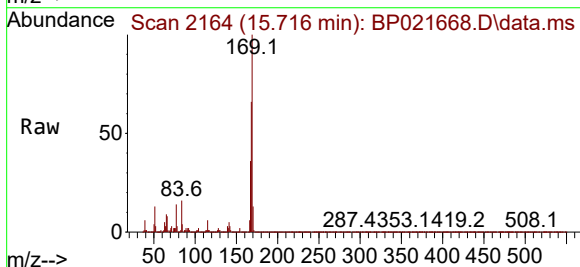
Instrument :
BNA_P
ClientSampleId :
SLCS959

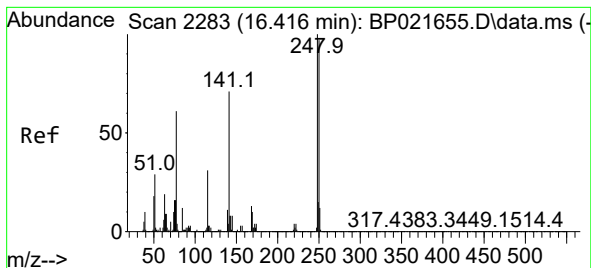
Tgt Ion:198 Resp: 367912
Ion Ratio Lower Upper
198 100
182 4.0 3.3 4.9
77 28.6 23.3 34.9



#67
N-Nitrosodiphenylamine
Concen: 27.053 ng/ul
RT: 15.716 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BP021668.D
Acq: 27 Aug 2024 12:31

Tgt Ion:169 Resp: 1791064
Ion Ratio Lower Upper
169 100
168 66.3 52.6 79.0
167 36.0 28.2 42.4

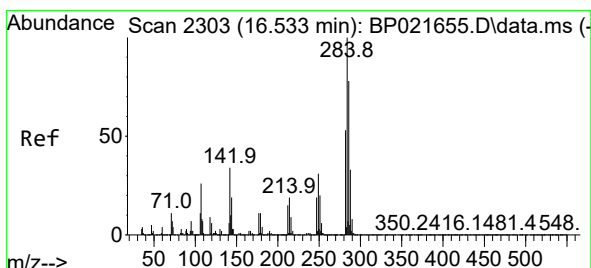
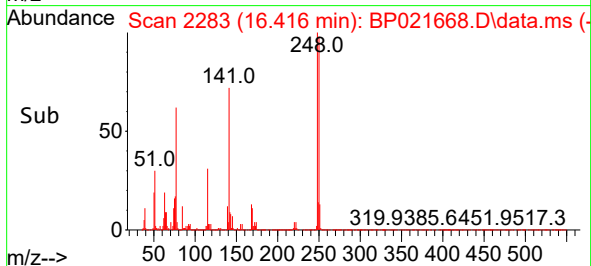
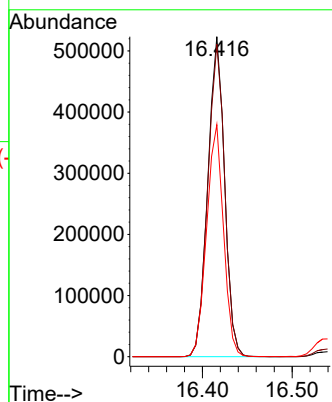
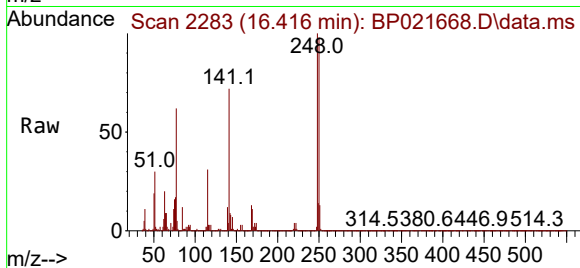




#68
4-Bromophenyl-phenylether
Concen: 27.353 ng/ul
RT: 16.416 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BP021668.D
Acq: 27 Aug 2024 12:31

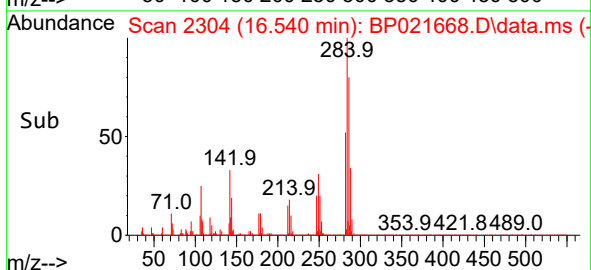
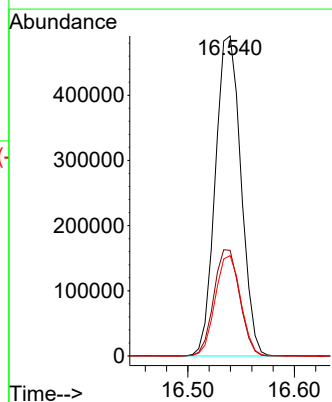
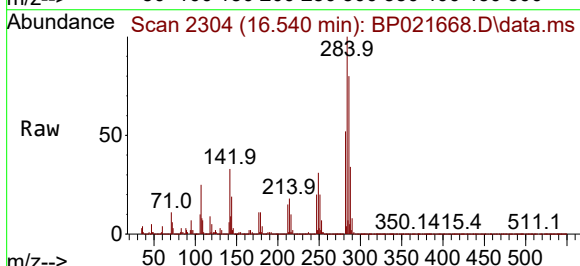
Instrument :
BNA_P
ClientSampleId :
SLCS959

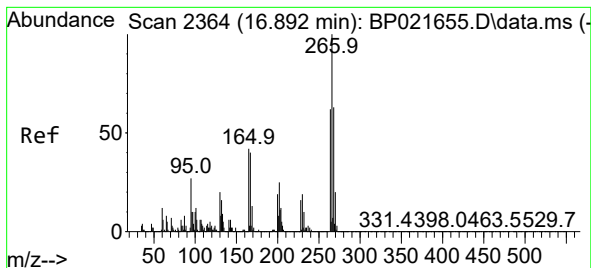
Tgt Ion:248 Resp: 679592
Ion Ratio Lower Upper
248 100
250 97.6 79.6 119.4
141 72.5 57.0 85.4



#69
Hexachlorobenzene
Concen: 27.753 ng/ul
RT: 16.540 min Scan# 2304
Delta R.T. 0.006 min
Lab File: BP021668.D
Acq: 27 Aug 2024 12:31

Tgt Ion:284 Resp: 818585
Ion Ratio Lower Upper
284 100
142 33.0 26.5 39.7
249 31.4 24.2 36.4





#71

Pentachlorophenol

Concen: 19.679 ng/ul

RT: 16.892 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP021668.D

Acq: 27 Aug 2024 12:31

Instrument :

BNA_P

ClientSampleId :

SLCS959

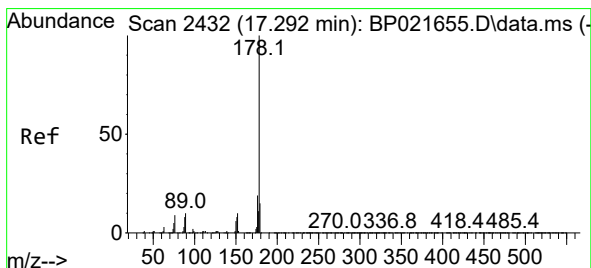
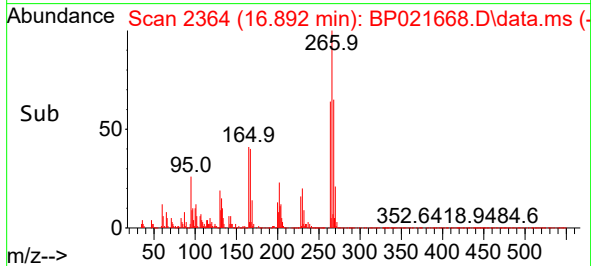
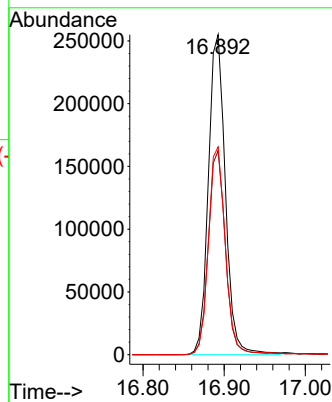
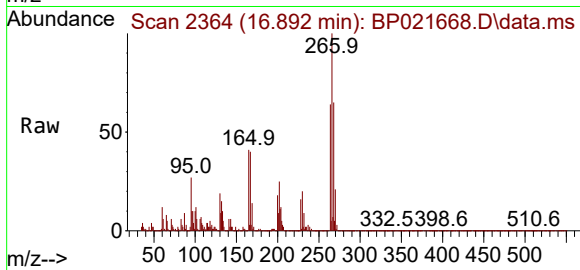
Tgt Ion:266 Resp: 371475

Ion Ratio Lower Upper

266 100

264 63.8 51.4 77.0

268 64.9 50.6 75.8



#72

Phenanthrene

Concen: 28.063 ng/ul

RT: 17.292 min Scan# 2432

Delta R.T. 0.000 min

Lab File: BP021668.D

Acq: 27 Aug 2024 12:31

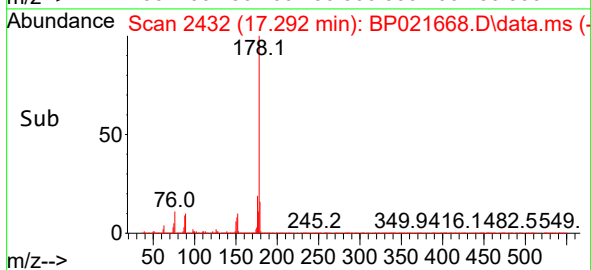
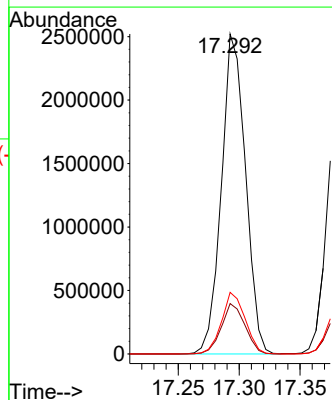
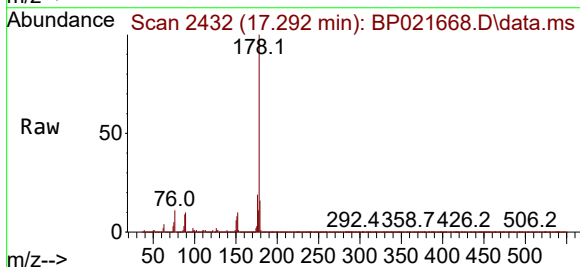
Tgt Ion:178 Resp: 3467340

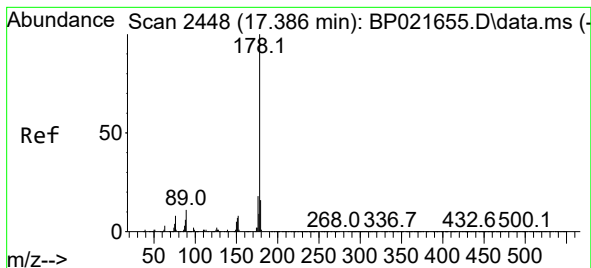
Ion Ratio Lower Upper

178 100

179 15.8 12.0 18.0

176 19.3 14.8 22.2





#74

Anthracene

Concen: 26.852 ng/uI

RT: 17.387 min Scan# 2448

Delta R.T. 0.000 min

Lab File: BP021668.D

Acq: 27 Aug 2024 12:31

Instrument :

BNA_P

ClientSampleId :

SLCS959

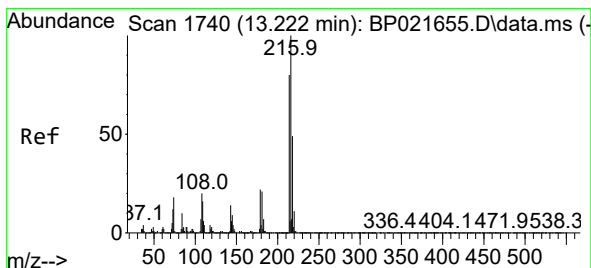
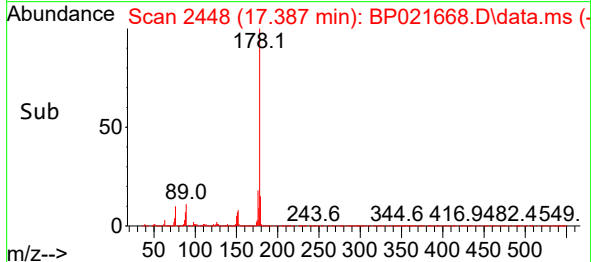
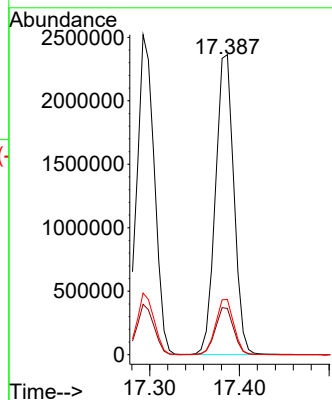
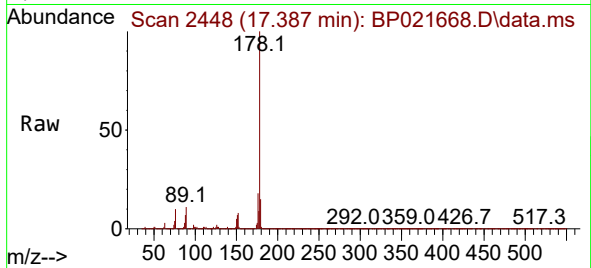
Tgt Ion:178 Resp: 3361138

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

176 18.4 14.6 21.8



#75

1,2,3,4-Tetrachlorobenzene

Concen: 26.389 ng/uI

RT: 13.222 min Scan# 1740

Delta R.T. 0.000 min

Lab File: BP021668.D

Acq: 27 Aug 2024 12:31

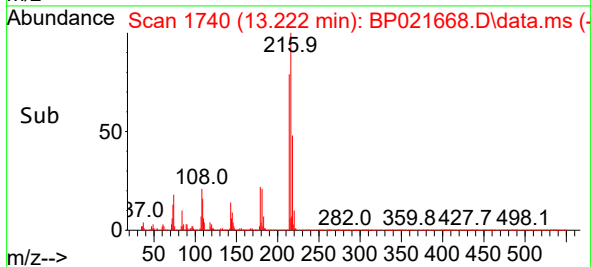
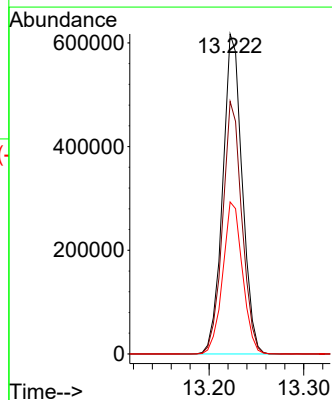
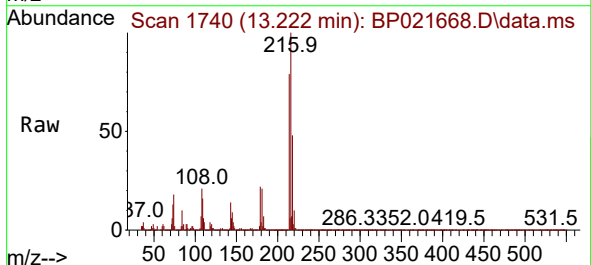
Tgt Ion:216 Resp: 882976

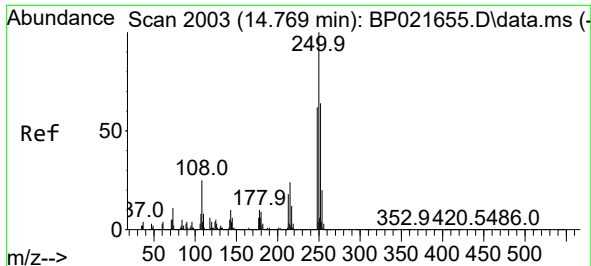
Ion Ratio Lower Upper

216 100

214 78.9 63.9 95.9

218 47.5 39.5 59.3

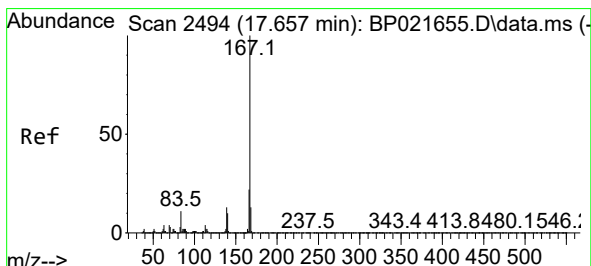
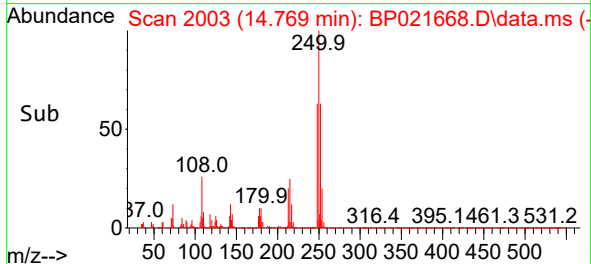
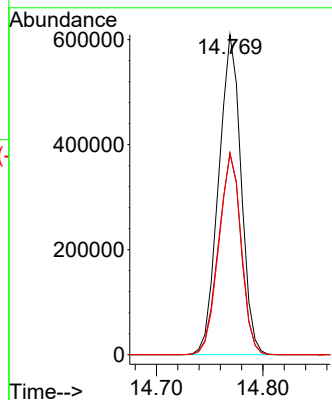
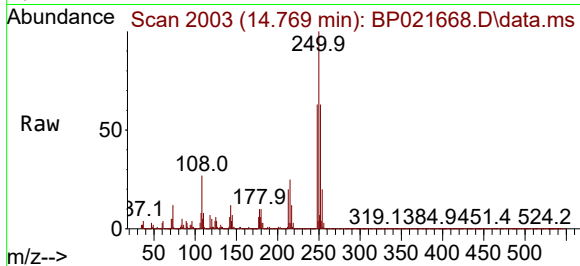




#76
 Pentachlorobenzene
 Concen: 25.631 ng/uL
 RT: 14.769 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: BP021668.D
 Acq: 27 Aug 2024 12:31

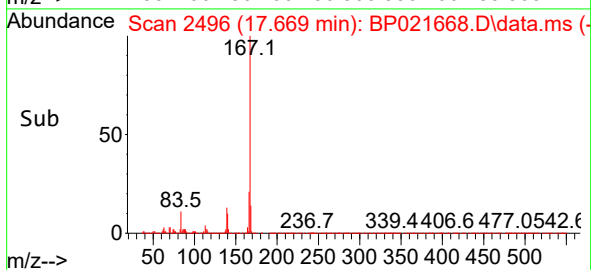
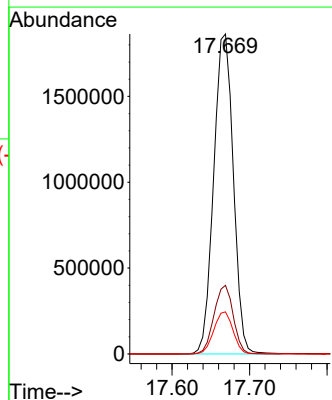
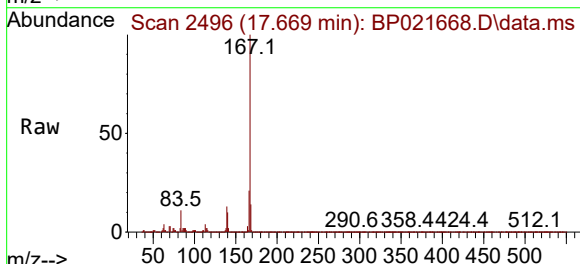
Instrument :
 BNA_P
 ClientSampleId :
 SLCS959

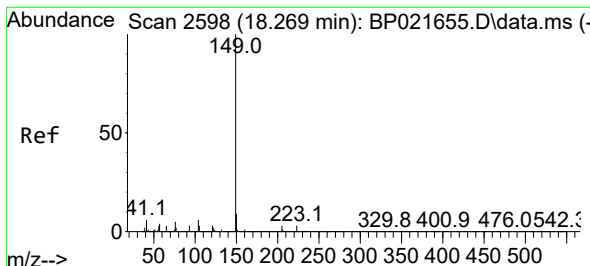
Tgt Ion:250 Resp: 888929
 Ion Ratio Lower Upper
 250 100
 248 62.8 51.0 76.6
 252 63.1 51.4 77.0



#77
 Carbazole
 Concen: 29.133 ng/uL
 RT: 17.669 min Scan# 2496
 Delta R.T. 0.012 min
 Lab File: BP021668.D
 Acq: 27 Aug 2024 12:31

Tgt Ion:167 Resp: 3279809
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.1 25.7
 139 13.2 10.4 15.6





#78

Di-n-butylphthalate

Concen: 28.661 ng/ul

RT: 18.263 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP021668.D

Acq: 27 Aug 2024 12:31

Instrument :

BNA_P

ClientSampleId :

SLCS959

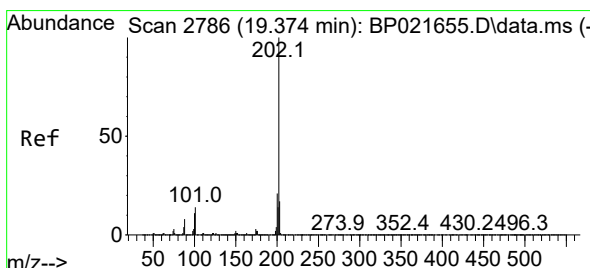
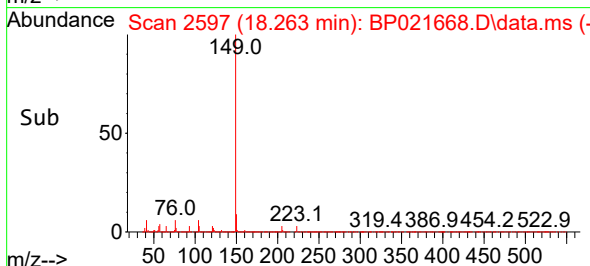
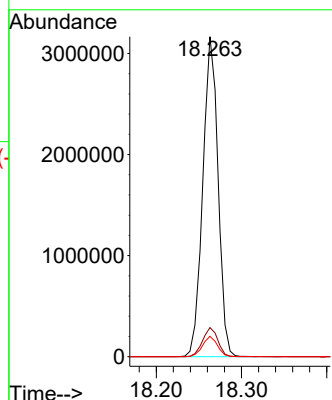
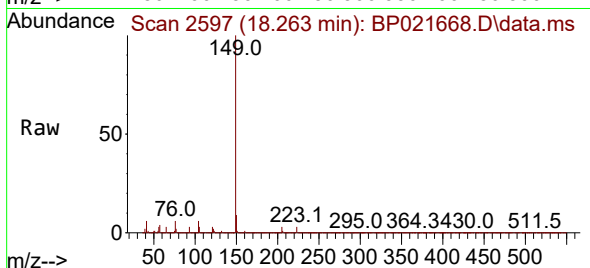
Tgt Ion:149 Resp: 3927579

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 6.3 4.8 7.2



#80

Fluoranthene

Concen: 29.777 ng/ul

RT: 19.375 min Scan# 2786

Delta R.T. 0.000 min

Lab File: BP021668.D

Acq: 27 Aug 2024 12:31

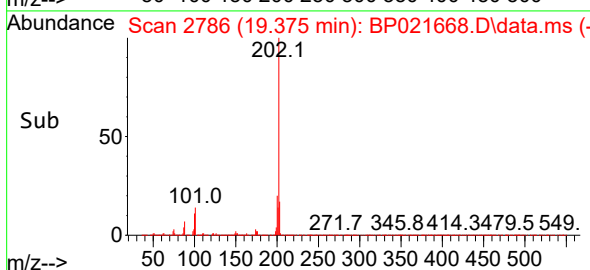
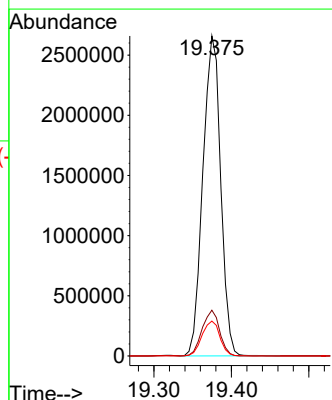
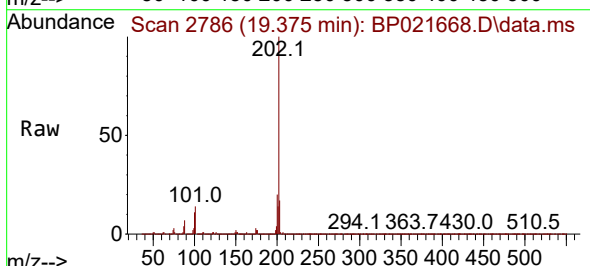
Tgt Ion:202 Resp: 4240358

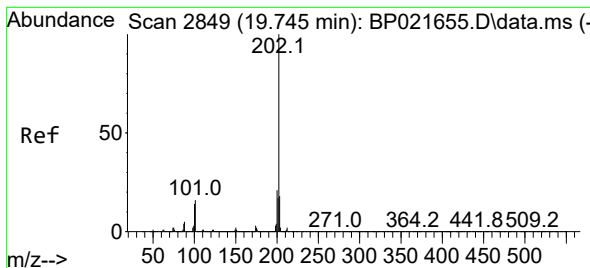
Ion Ratio Lower Upper

202 100

101 14.3 11.2 16.8

100 10.9 8.5 12.7





#82

Pyrene

Concen: 29.055 ng/ul

RT: 19.757 min Scan# 2849

Delta R.T. 0.012 min

Lab File: BP021668.D

Acq: 27 Aug 2024 12:31

Instrument :

BNA_P

ClientSampleId :

SLCS959

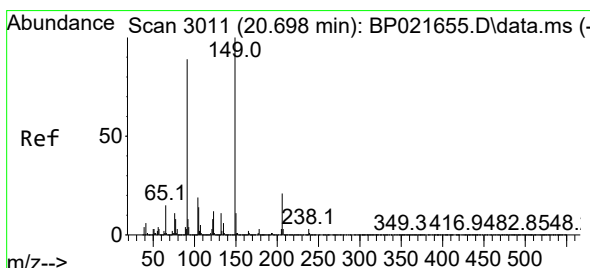
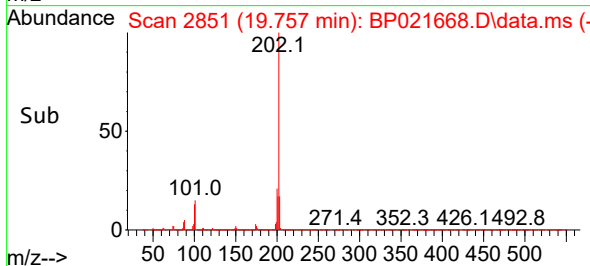
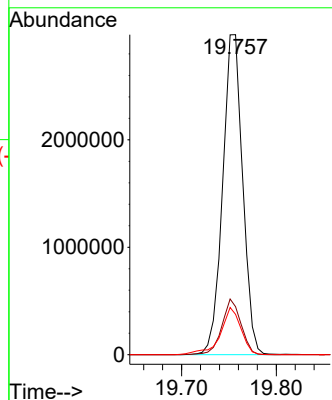
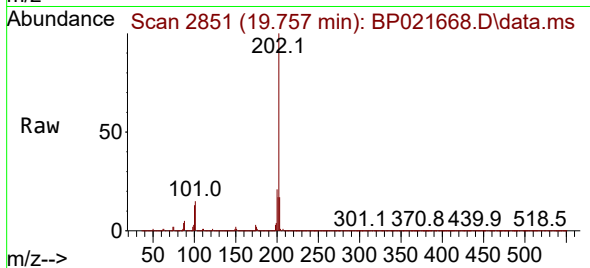
Tgt Ion:202 Resp: 4381991

Ion Ratio Lower Upper

202 100

101 15.0 12.8 19.2

100 12.6 10.8 16.2



#83

Butylbenzylphthalate

Concen: 30.135 ng/ul

RT: 20.698 min Scan# 3011

Delta R.T. 0.000 min

Lab File: BP021668.D

Acq: 27 Aug 2024 12:31

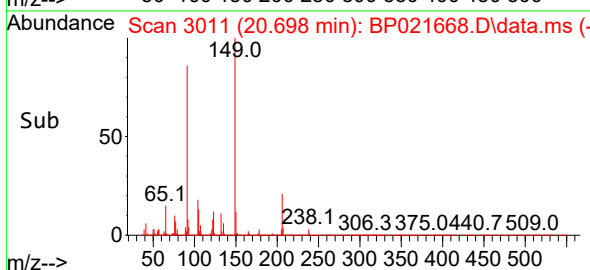
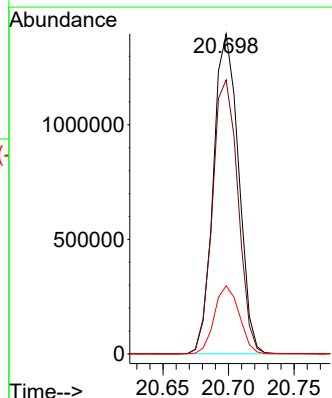
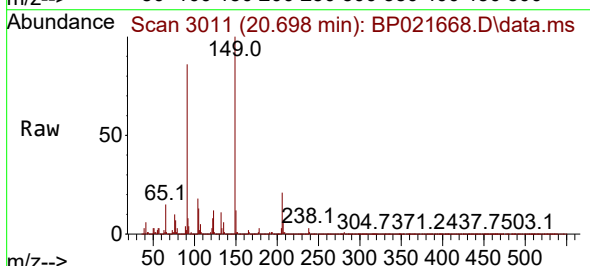
Tgt Ion:149 Resp: 1860842

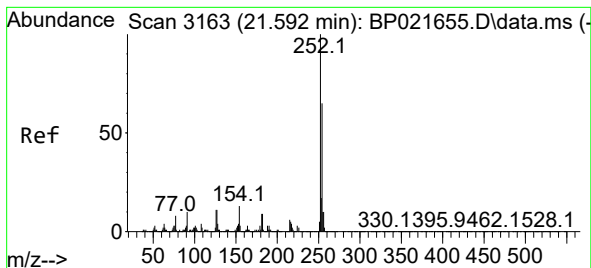
Ion Ratio Lower Upper

149 100

91 85.7 70.1 105.1

206 21.3 16.8 25.2





#84

3,3'-Dichlorobenzidine

Concen: 25.010 ng/ul

RT: 21.598 min Scan# 3164

Delta R.T. 0.006 min

Lab File: BP021668.D

Acq: 27 Aug 2024 12:31

Instrument :

BNA_P

ClientSampleId :

SLCS959

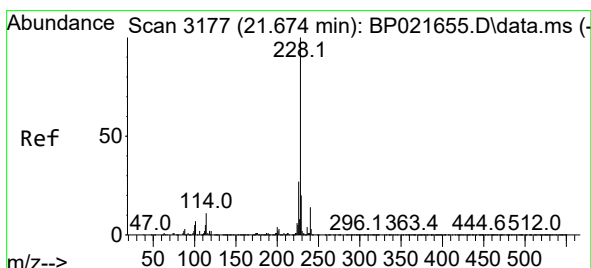
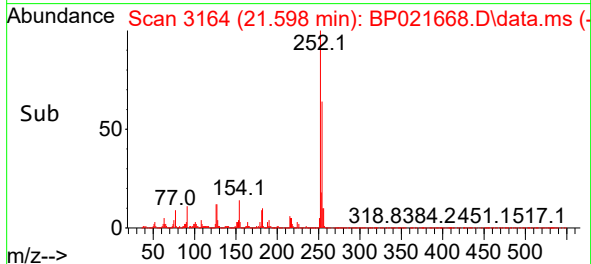
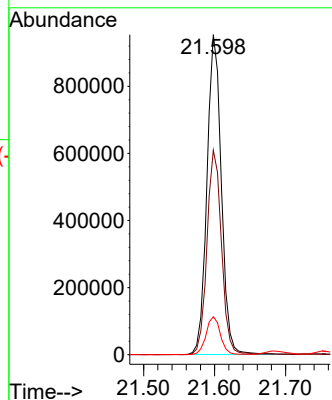
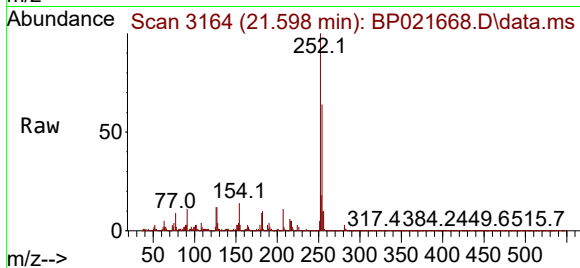
Tgt Ion:252 Resp: 1345493

Ion Ratio Lower Upper

252 100

254 63.9 52.2 78.4

126 11.9 8.9 13.3



#85

Benzo(a)anthracene

Concen: 28.524 ng/ul

RT: 21.686 min Scan# 3179

Delta R.T. 0.012 min

Lab File: BP021668.D

Acq: 27 Aug 2024 12:31

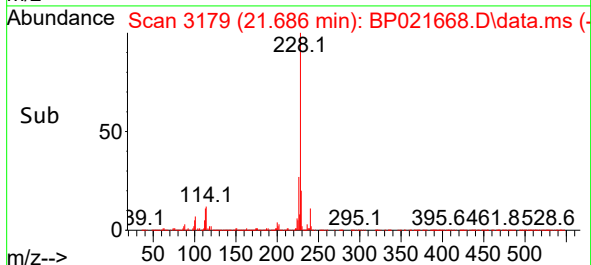
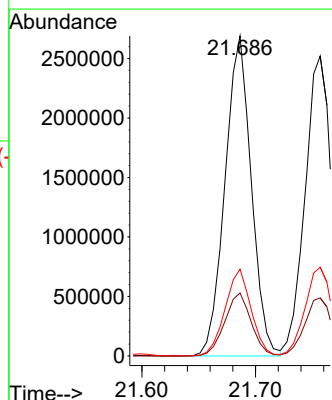
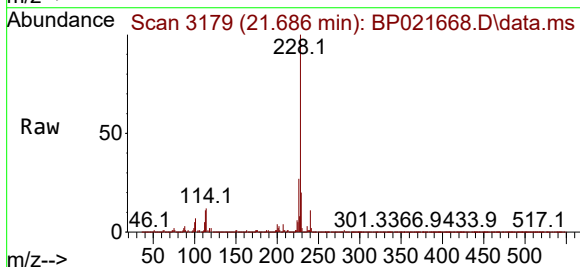
Tgt Ion:228 Resp: 4331413

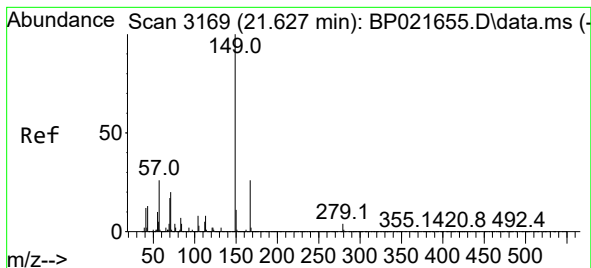
Ion Ratio Lower Upper

228 100

229 19.7 15.7 23.5

226 27.2 21.7 32.5

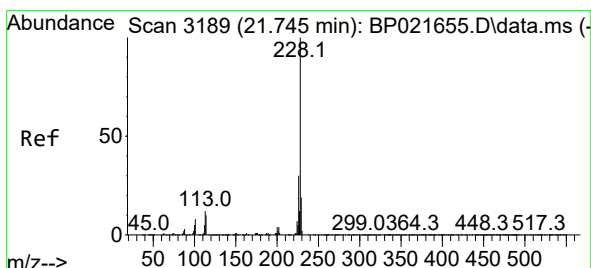
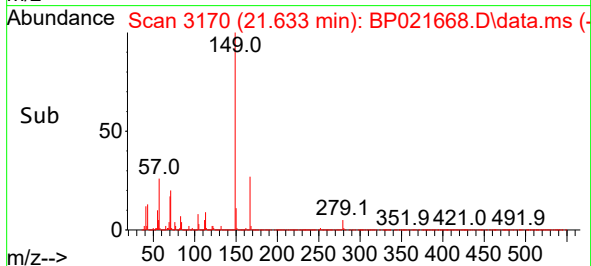
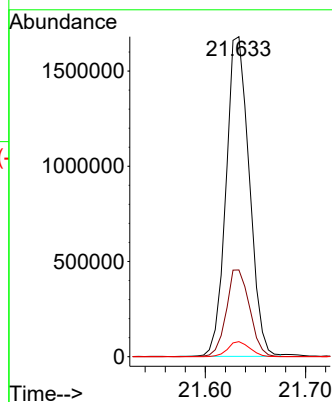
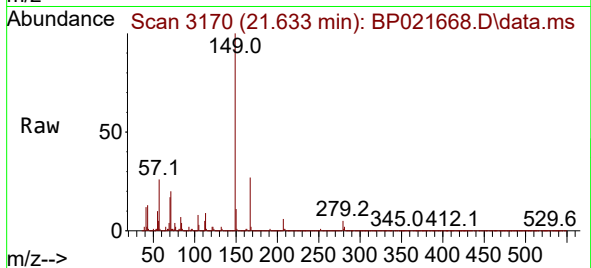




#86
Bis(2-ethylhexyl)phthalate
Concen: 29.631 ng/ul
RT: 21.633 min Scan# 3169
Delta R.T. 0.006 min
Lab File: BP021668.D
Acq: 27 Aug 2024 12:31

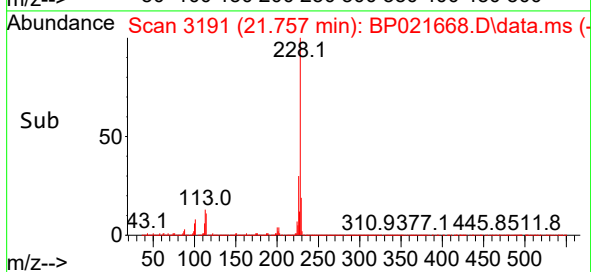
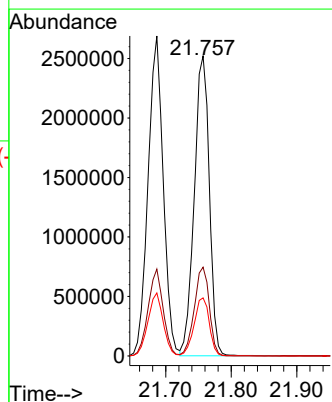
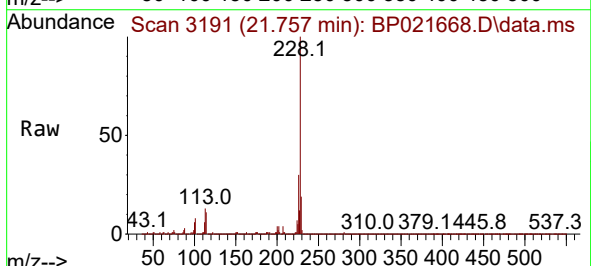
Instrument :
BNA_P
ClientSampleId :
SLCS959

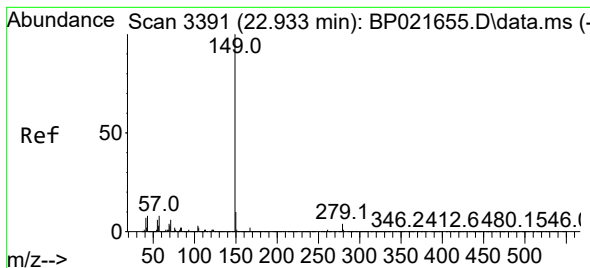
Tgt Ion:149 Resp: 2700595
Ion Ratio Lower Upper
149 100
167 27.1 21.8 32.6
279 4.7 3.7 5.5



#87
Chrysene
Concen: 28.162 ng/ul
RT: 21.757 min Scan# 3191
Delta R.T. 0.012 min
Lab File: BP021668.D
Acq: 27 Aug 2024 12:31

Tgt Ion:228 Resp: 4024646
Ion Ratio Lower Upper
228 100
226 29.6 23.5 35.3
229 19.4 15.6 23.4





#89

Di-n-octyl phthalate

Concen: 30.396 ng/ul

RT: 22.939 min Scan# 3391

Delta R.T. 0.006 min

Lab File: BP021668.D

Acq: 27 Aug 2024 12:31

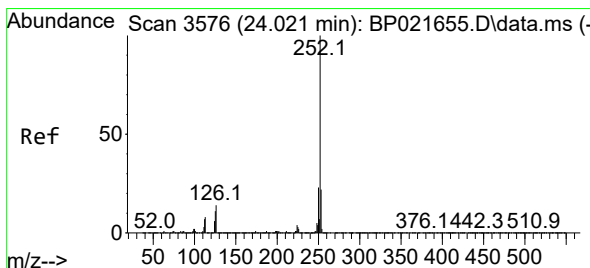
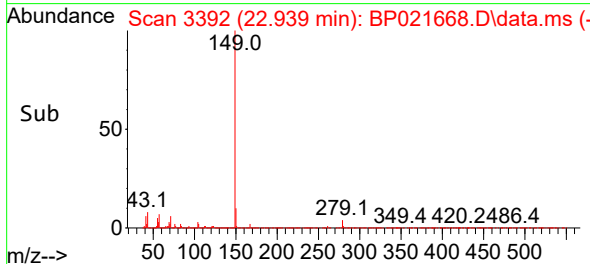
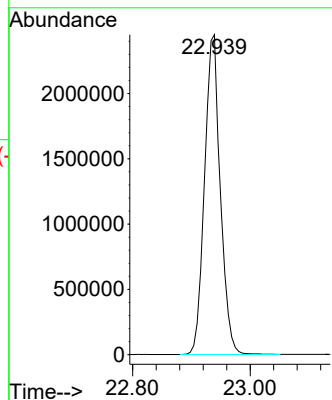
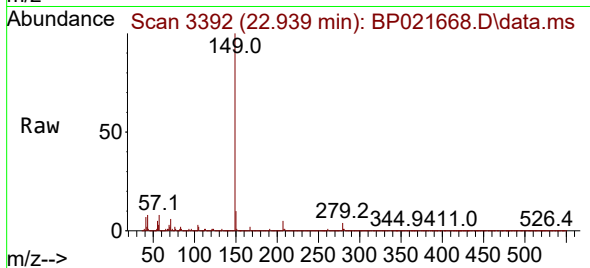
Instrument :

BNA_P

ClientSampleId :

SLCS959

Tgt Ion:149 Resp: 4564668



#90

Benzo(b)fluoranthene

Concen: 29.471 ng/ul

RT: 24.033 min Scan# 3578

Delta R.T. 0.012 min

Lab File: BP021668.D

Acq: 27 Aug 2024 12:31

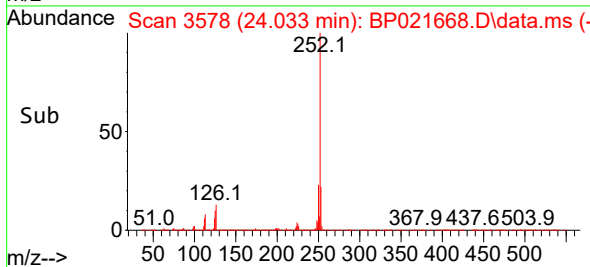
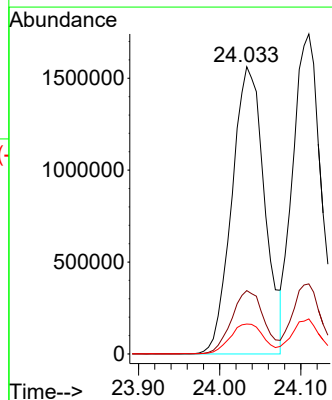
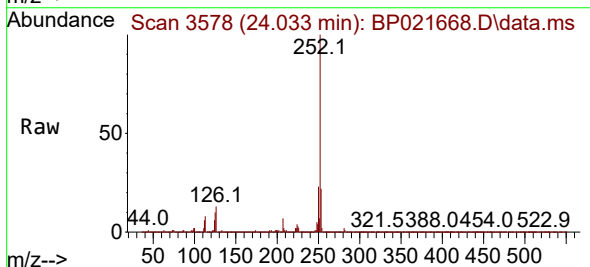
Tgt Ion:252 Resp: 4374921

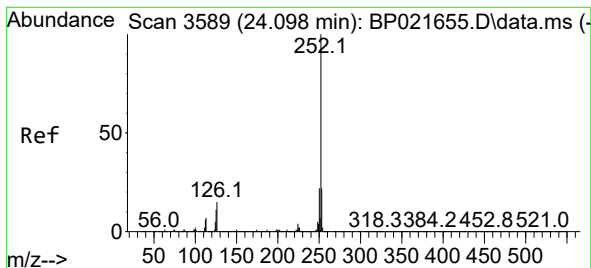
Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

125 10.4 8.6 12.8





#91

Benzo(k)fluoranthene

Concen: 28.786 ng/ul

RT: 24.110 min Scan# 3591

Delta R.T. 0.012 min

Lab File: BP021668.D

Acq: 27 Aug 2024 12:31

Instrument :

BNA_P

ClientSampleId :

SLCS959

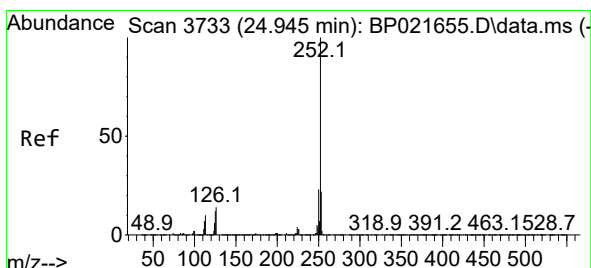
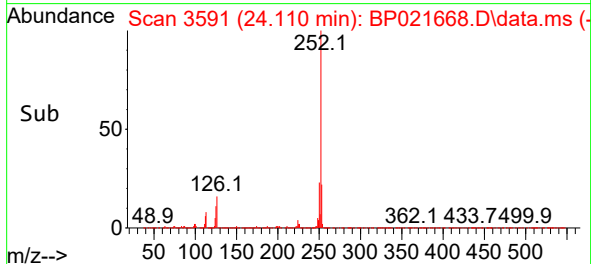
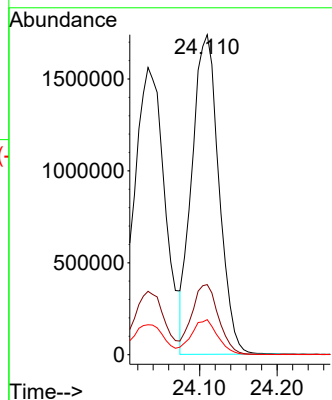
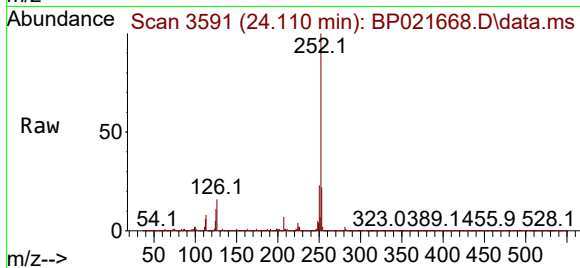
Tgt Ion:252 Resp: 4183373

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 10.9 8.6 13.0



#93

Benzo(a)pyrene

Concen: 27.994 ng/ul

RT: 24.963 min Scan# 3736

Delta R.T. 0.018 min

Lab File: BP021668.D

Acq: 27 Aug 2024 12:31

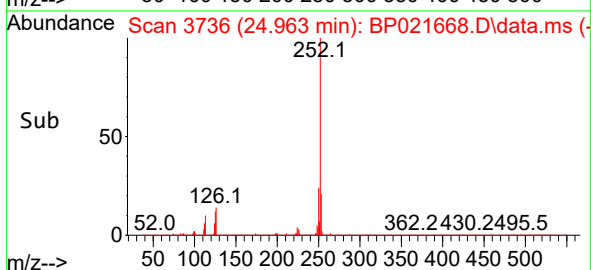
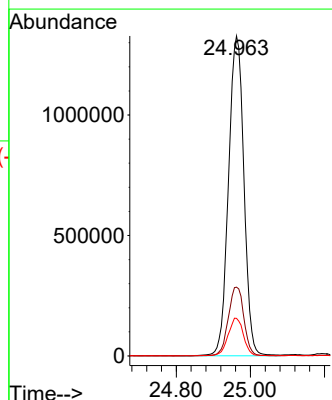
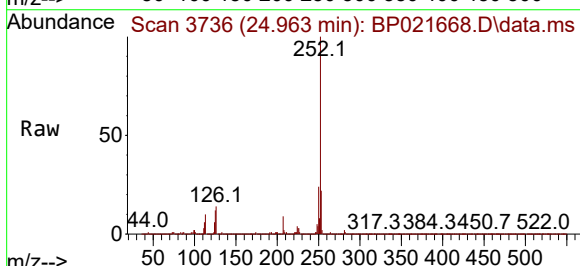
Tgt Ion:252 Resp: 3828602

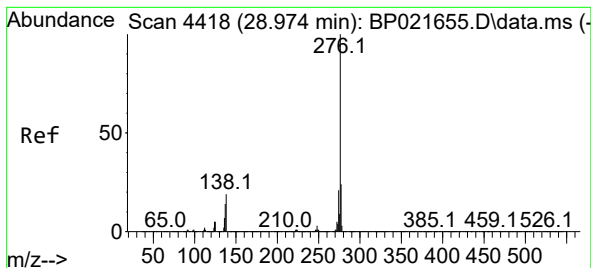
Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 11.7 9.6 14.4





#94

Indeno(1,2,3-cd)pyrene

Concen: 10.909 ng/ul

RT: 28.974 min Scan# 4418

Delta R.T. 0.000 min

Lab File: BP021668.D

Acq: 27 Aug 2024 12:31

Instrument :

BNA_P

ClientSampleId :

SLCS959

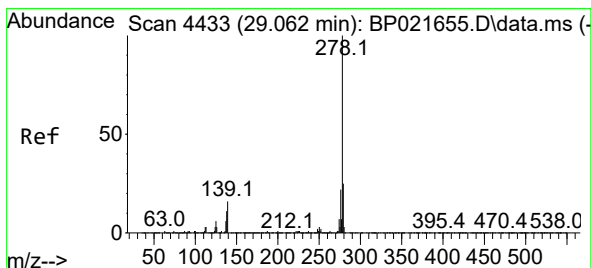
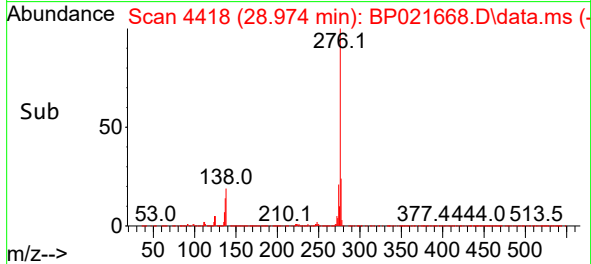
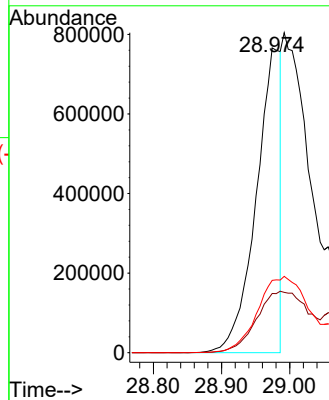
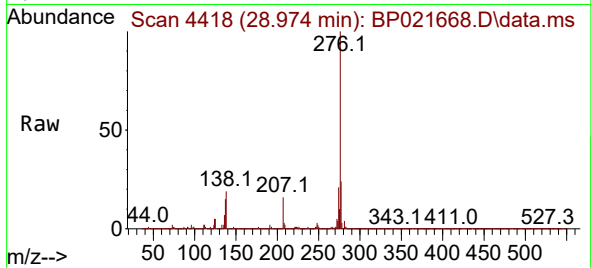
Tgt Ion:276 Resp: 1923660

Ion Ratio Lower Upper

276 100

138 19.4 14.9 22.3

277 23.7 19.0 28.6



#95

Dibenzo(a,h)anthracene

Concen: 28.443 ng/ul

RT: 29.086 min Scan# 4437

Delta R.T. 0.024 min

Lab File: BP021668.D

Acq: 27 Aug 2024 12:31

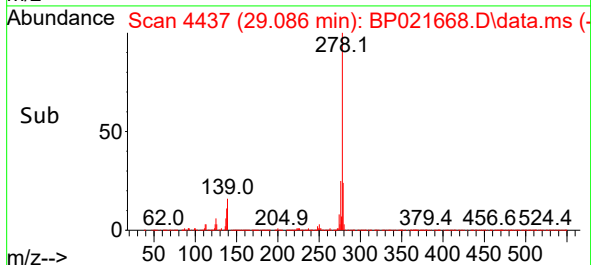
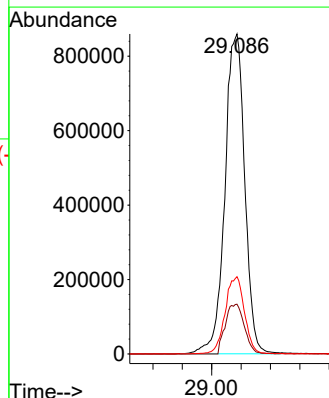
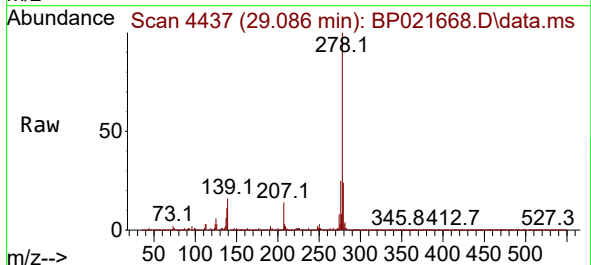
Tgt Ion:278 Resp: 4030476

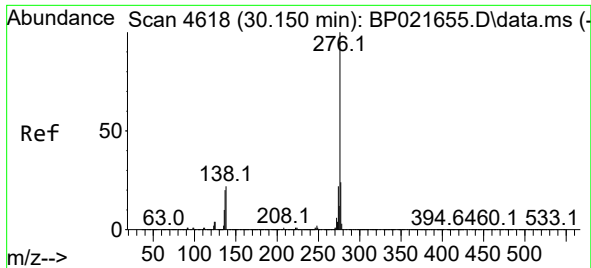
Ion Ratio Lower Upper

278 100

139 15.6 12.7 19.1

279 24.2 18.9 28.3





#96
 Benzo(g,h,i)perylene
 Concen: 28.893 ng/ul
 RT: 30.198 min Scan# 4626
 Delta R.T. 0.047 min
 Lab File: BP021668.D
 Acq: 27 Aug 2024 12:31

Instrument :
 BNA_P
 ClientSampleId :
 SLCS959

Tgt Ion:276 Resp: 3936697

Ion	Ratio	Lower	Upper
276	100		
138	20.2	17.3	25.9
277	23.2	19.4	29.0

