

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072524\
 Data File : BP021148.D
 Acq On : 25 Jul 2024 15:13
 Operator : MA/JU
 Sample : PB162259BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS259

Quant Time: Jul 25 22:39:12 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	7.652	152	203682	20.000	ng/u1	0.00
20) Naphthalene-d8	10.422	136	783221	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.299	164	478411	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.116	188	936756	20.000	ng/u1	0.01
79) Chrysene-d12	21.557	240	691937	20.000	ng/u1	0.00
88) Perylene-d12	24.869	264	888244	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	29470	6.584	ng/uL	0.00
4) Pyridine-d5	3.599	84	335926	25.924	ng/u1	0.00
7) Phenol-d5	6.864	99	446275	26.875	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	265685	26.401	ng/u1	0.00
11) 2-Chlorophenol-d4	7.205	132	359115	26.248	ng/u1	0.00
15) 4-Methylphenol-d8	8.381	113	346590	25.130	ng/u1	0.00
21) Nitrobenzene-d5	8.811	128	174205	28.636	ng/u1	0.00
24) 2-Nitrophenol-d4	9.516	143	201280	28.908	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	356483	28.314	ng/u1	0.00
31) 4-Chloroaniline-d4	10.569	131	419860	25.173	ng/u1	0.00
46) Dimethylphthalate-d6	13.704	166	974326	28.016	ng/u1	0.00
49) Acenaphthylene-d8	13.987	160	1120580	28.695	ng/u1	0.00
54) 4-Nitrophenol-d4	14.587	143	102697	20.755	ng/u1	-0.01
60) Fluorene-d10	15.316	176	826871	28.981	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.469	200	155597	27.452	ng/u1	0.00
73) Anthracene-d10	17.216	188	1201673	28.882	ng/u1	0.01
81) Pyrene-d10	19.592	212	1305377	30.515	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.645	264	1263838	28.849	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.217	88	51279	10.417	ng/uL	98
5) Pyridine	3.617	79	346927	25.957	ng/u1	99
6) Benzaldehyde	6.822	77	222293	26.553	ng/u1	99
8) Phenol	6.893	94	458517	27.287	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.093	93	366746	26.421	ng/u1	99
12) 2-Chlorophenol	7.234	128	384349	28.029	ng/u1	98
13) 2-Methylphenol	8.116	108	344063	26.476	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.164	45	340508	16.979	ng/u1	96
16) Acetophenone	8.475	105	554706	26.059	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.452	70	271963	24.384	ng/u1	99
18) 4-Methylphenol	8.440	108	363309	26.096	ng/u1	97
19) Hexachloroethane	8.705	117	162853	26.428	ng/u1	98
22) Nitrobenzene	8.852	77	422297	28.979	ng/u1	99
23) Isophorone	9.369	82	756360	26.108	ng/u1	99
25) 2-Nitrophenol	9.552	139	215656	29.697	ng/u1	98
26) 2,4-Dimethylphenol	9.622	107	349409	24.401	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.840	93	465512	26.435	ng/u1	99
29) 2,4-Dichlorophenol	10.099	162	352812	28.434	ng/u1	99
30) Naphthalene	10.475	128	1152458	27.974	ng/u1	100
32) 4-Chloroaniline	10.599	127	382938	24.043	ng/u1	98
33) Hexachlorobutadiene	10.728	225	264700	28.451	ng/u1	98
34) Caprolactam	11.410	113	105426	27.581	ng/u1	98
35) 4-Chloro-3-methylphenol	11.746	107	374539	27.769	ng/u1	99
36) 2-Methylnaphthalene	12.087	142	767048	27.123	ng/u1	97

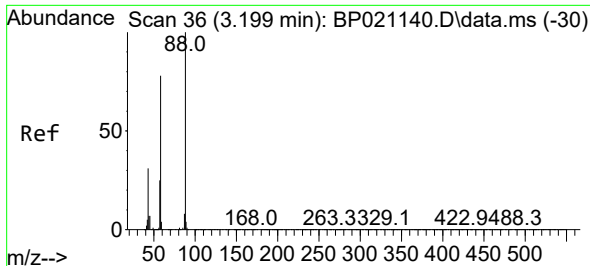
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.310	142	767395	26.384	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.457	216	459513	29.576	ng/ul	97
40) Hexachlorocyclopentadiene	12.416	237	118854	14.623	ng/ul	99
41) 2,4,6-Trichlorophenol	12.728	196	257308	26.209	ng/ul	98
42) 2,4,5-Trichlorophenol	12.810	196	282952	27.240	ng/ul	99
43) 1,1'-Biphenyl	13.116	154	1008395	28.842	ng/ul	99
44) 2-Chloronaphthalene	13.157	162	790729	28.330	ng/ul	99
45) 2-Nitroaniline	13.399	65	233341	30.231	ng/ul	99
47) Dimethylphthalate	13.751	163	985562	27.929	ng/ul	100
48) 2,6-Dinitrotoluene	13.887	165	207476	29.408	ng/ul	98
50) Acenaphthylene	14.016	152	1255332	28.392	ng/ul	100
51) 3-Nitroaniline	14.228	138	195273	31.807	ng/ul	96
52) Acenaphthene	14.363	153	825892	28.143	ng/ul	98
53) 2,4-Dinitrophenol	14.469	184	90936	24.544	ng/ul	99
55) 4-Nitrophenol	14.604	109	124411	30.909	ng/ul	96
56) Dibenzofuran	14.704	168	1138178	28.323	ng/ul	98
57) 2,4-Dinitrotoluene	14.704	165	285352	29.464	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	14.951	232	200869	22.583	ng/ul	98
59) Diethylphthalate	15.140	149	966611	27.409	ng/ul	99
61) Fluorene	15.369	166	925405	28.219	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.357	204	486621	27.347	ng/ul	100
63) 4-Nitroaniline	15.422	138	177466	34.906	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.487	198	167257	27.827	ng/ul	98
67) N-Nitrosodiphenylamine	15.593	169	792217	29.042	ng/ul	99
68) 4-Bromophenyl-phenylether	16.275	248	309630	28.200	ng/ul	99
69) Hexachlorobenzene	16.392	284	366747	29.131	ng/ul	98
70) Atrazine	16.575	200	43139	4.339	ng/ul	97
71) Pentachlorophenol	16.769	266	123252	18.025	ng/ul	97
72) Phenanthrene	17.157	178	1422855	29.280	ng/ul	99
74) Anthracene	17.245	178	1399561	28.251	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.075	216	447383	29.839	ng/uL	99
76) Pentachlorobenzene	14.622	250	426319	28.615	ng/uL	99
77) Carbazole	17.551	167	1239819	30.614	ng/ul	100
78) Di-n-butylphthalate	18.110	149	1554846	27.828	ng/ul	99
80) Fluoranthene	19.251	202	1578368	30.552	ng/ul	99
82) Pyrene	19.628	202	1607201	30.573	ng/ul	99
83) Butylbenzylphthalate	20.569	149	624837	28.527	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.469	252	472175	29.863	ng/ul	100
85) Benzo(a)anthracene	21.539	228	1416788	29.230	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.451	149	857536	27.206	ng/ul	100
87) Chrysene	21.610	228	1339434	29.739	ng/ul	100
89) Di-n-octyl phthalate	22.704	149	1351955	23.040	ng/ul	100
90) Benzo(b)fluoranthene	23.816	252	1481736	27.489	ng/ul	98
91) Benzo(k)fluoranthene	23.886	252	1443687	26.837	ng/ul	99
93) Benzo(a)pyrene	24.710	252	1411524	27.711	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.645	276	2134185	32.515	ng/ul	98
95) Dibenzo(a,h)anthracene	28.715	278	1038758	19.111	ng/ul	100
96) Benzo(g,h,i)perylene	29.821	276	1013088	18.952	ng/ul	97

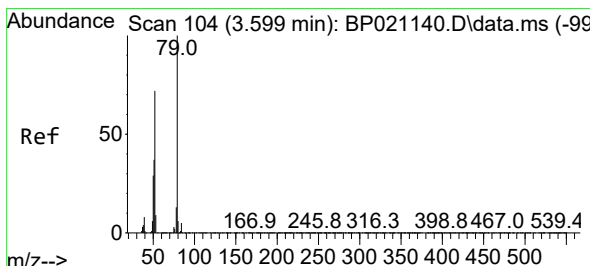
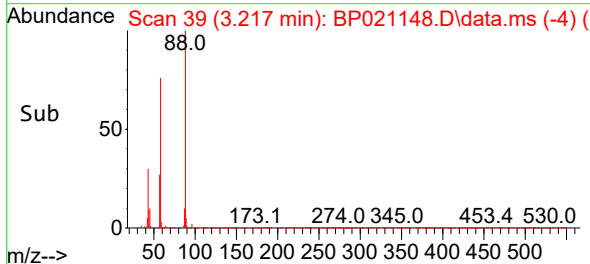
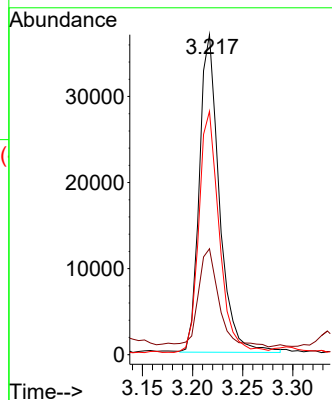
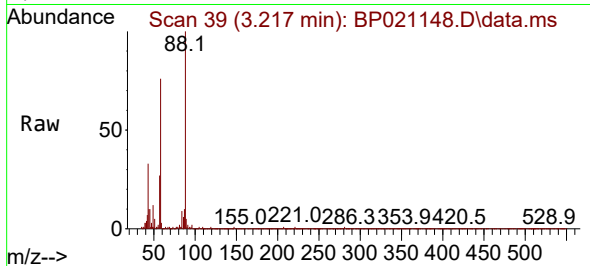
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#2
1,4-Dioxane
Concen: 10.417 ng/uL
RT: 3.217 min Scan# 39
Delta R.T. 0.006 min
Lab File: BP021148.D
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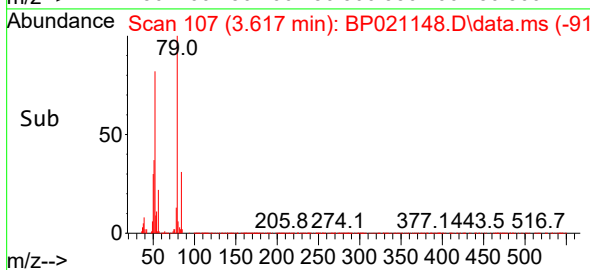
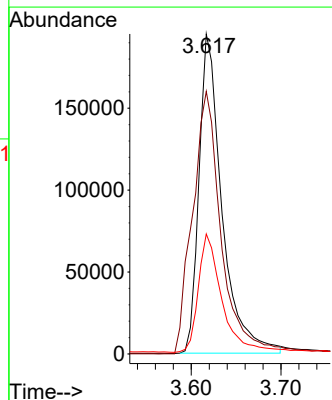
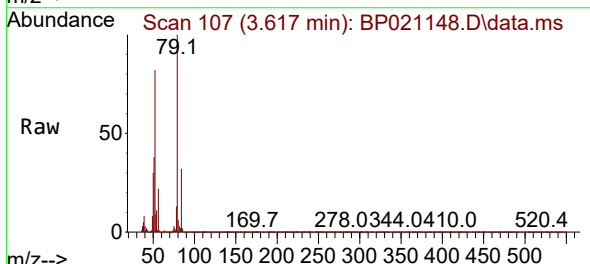
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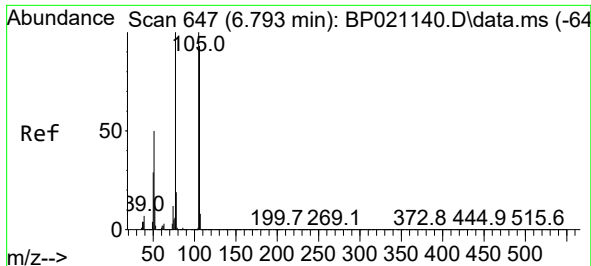
Tgt Ion: 88 Resp: 51279
Ion Ratio Lower Upper
88 100
43 33.1 25.4 38.0
58 76.1 59.2 88.8



#5
Pyridine
Concen: 25.957 ng/uL
RT: 3.617 min Scan# 107
Delta R.T. -0.006 min
Lab File: BP021148.D
Acq: 25 Jul 2024 15:13

Tgt Ion: 79 Resp: 346927
Ion Ratio Lower Upper
79 100
52 82.0 64.9 97.3
51 37.5 30.5 45.7

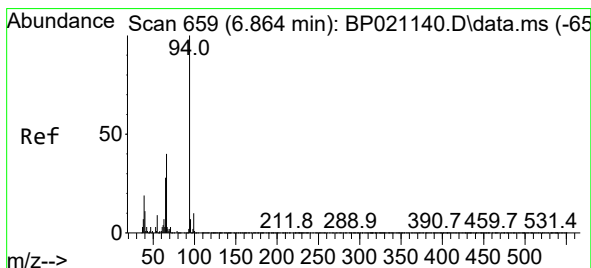
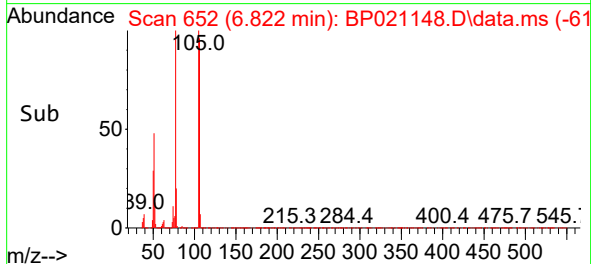
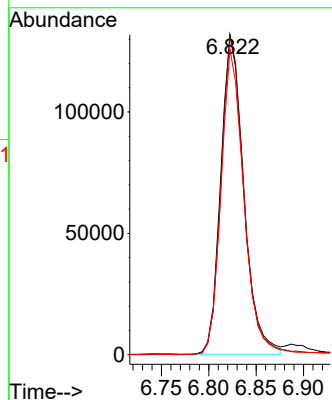
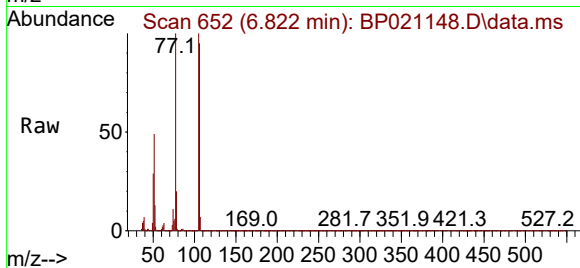




#6
Benzaldehyde
Concen: 26.553 ng/ul
RT: 6.822 min Scan# 611
Delta R.T. 0.006 min
Lab File: BP021148.D
Acq: 25 Jul 2024 15:13

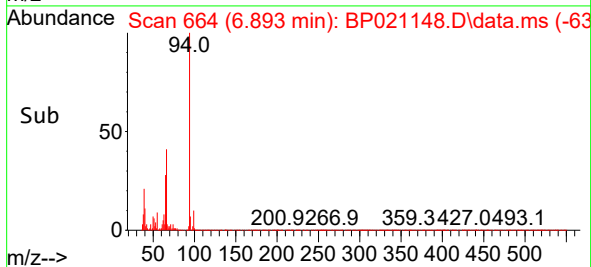
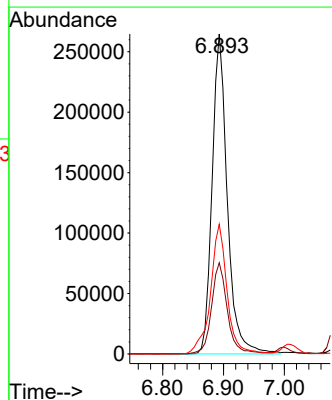
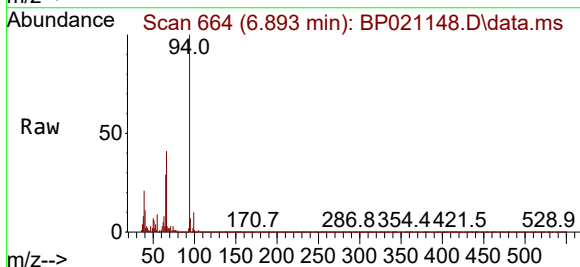
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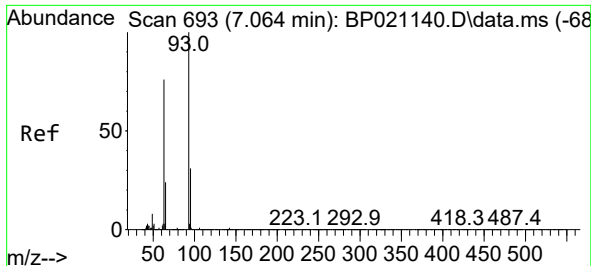
Tgt Ion: 77 Resp: 222293
Ion Ratio Lower Upper
77 100
105 99.6 79.3 118.9
106 95.4 74.6 112.0



#8
Phenol
Concen: 27.287 ng/ul
RT: 6.893 min Scan# 664
Delta R.T. -0.006 min
Lab File: BP021148.D
Acq: 25 Jul 2024 15:13

Tgt Ion: 94 Resp: 458517
Ion Ratio Lower Upper
94 100
65 28.5 23.4 35.0
66 40.6 33.9 50.9

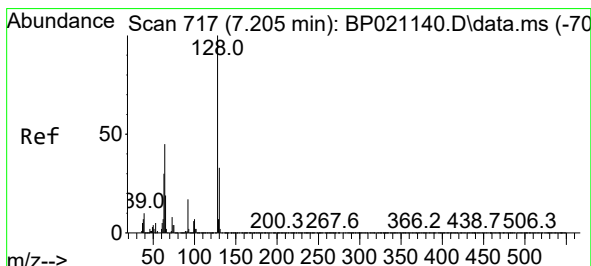
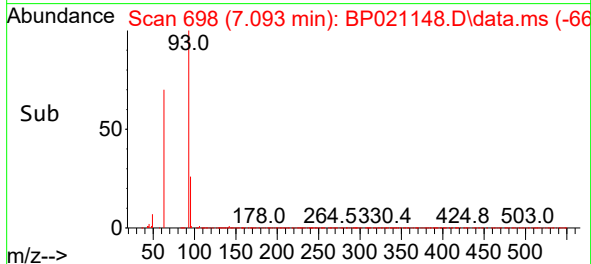
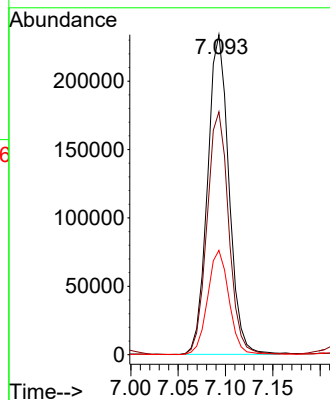
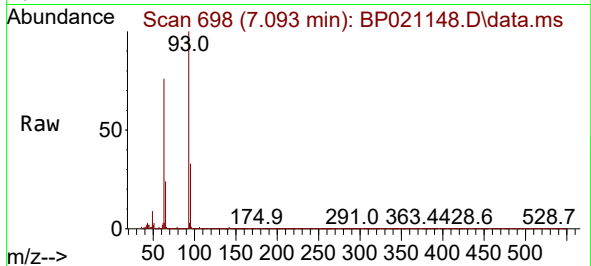




#10
 Bis(2-Chloroethyl)ether
 Concen: 26.421 ng/ul
 RT: 7.093 min Scan# 693
 Delta R.T. 0.006 min
 Lab File: BP021148.D
 Acq: 25 Jul 2024 15:13

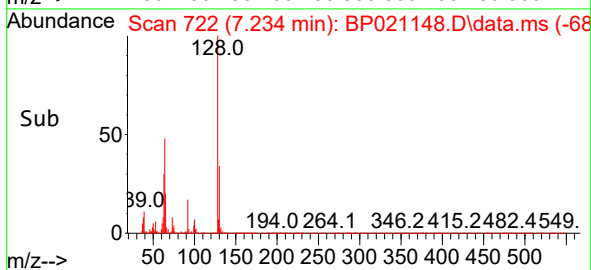
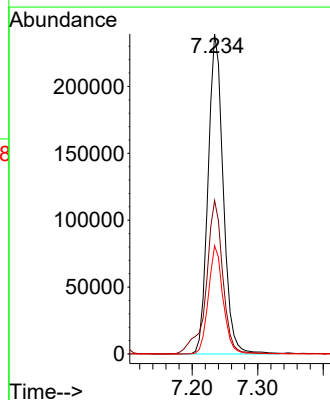
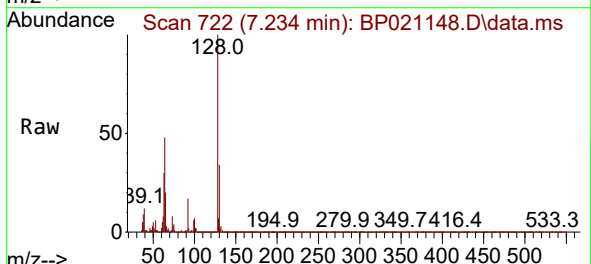
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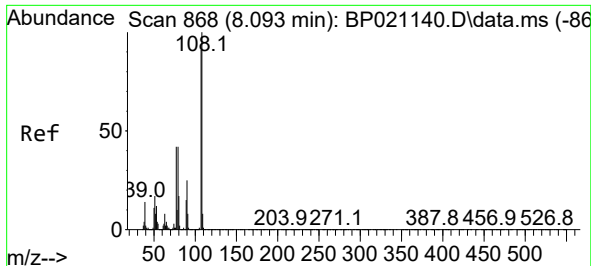
Tgt Ion: 93 Resp: 366746
 Ion Ratio Lower Upper
 93 100
 63 75.9 61.5 92.3
 95 32.6 25.1 37.7



#12
 2-Chlorophenol
 Concen: 28.029 ng/ul
 RT: 7.234 min Scan# 722
 Delta R.T. 0.000 min
 Lab File: BP021148.D
 Acq: 25 Jul 2024 15:13

Tgt Ion:128 Resp: 384349
 Ion Ratio Lower Upper
 128 100
 64 48.0 37.9 56.9
 130 33.8 25.6 38.4





#13

2-Methylphenol

Concen: 26.476 ng/ul

RT: 8.116 min Scan# 81

Delta R.T. 0.000 min

Lab File: BP021148.D

Acq: 25 Jul 2024 15:13

Instrument :

BNA_P

ClientSampleId :

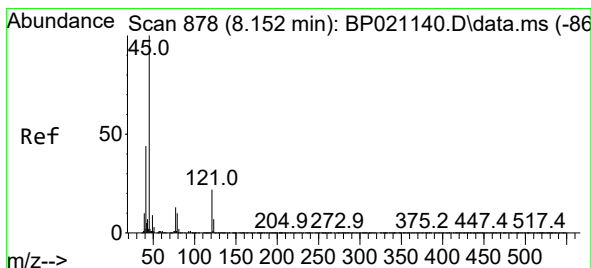
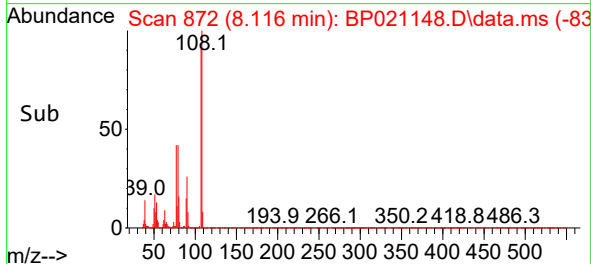
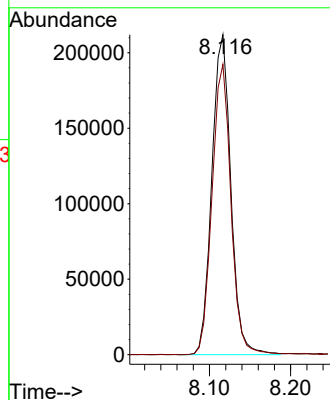
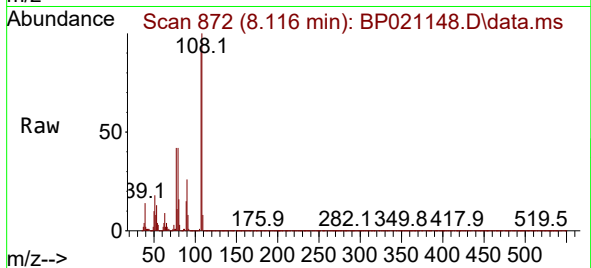
SLCS259

Tgt Ion:108 Resp: 344063

Ion Ratio Lower Upper

108 100

107 90.7 73.8 110.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 16.979 ng/ul

RT: 8.164 min Scan# 880

Delta R.T. -0.006 min

Lab File: BP021148.D

Acq: 25 Jul 2024 15:13

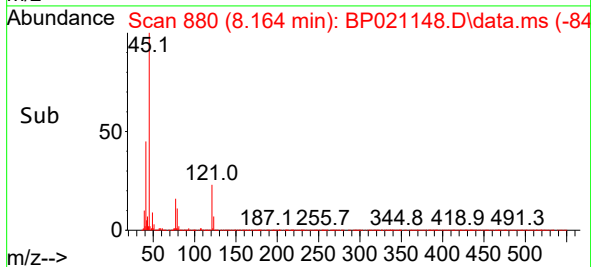
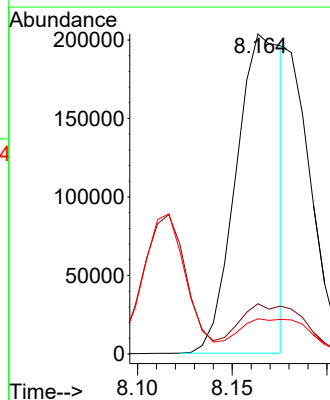
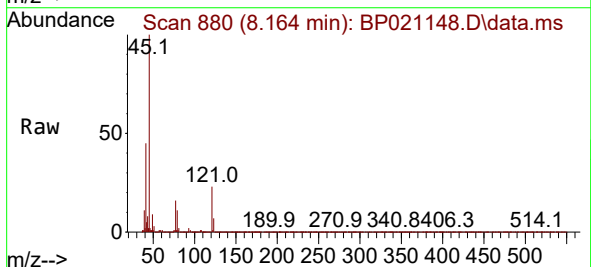
Tgt Ion: 45 Resp: 340508

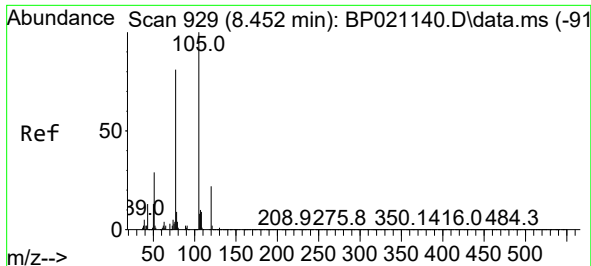
Ion Ratio Lower Upper

45 100

77 15.7 10.9 16.3

79 11.0 8.1 12.1

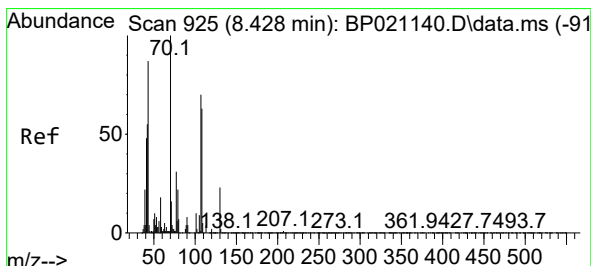
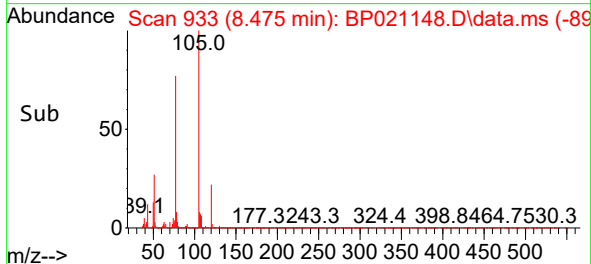
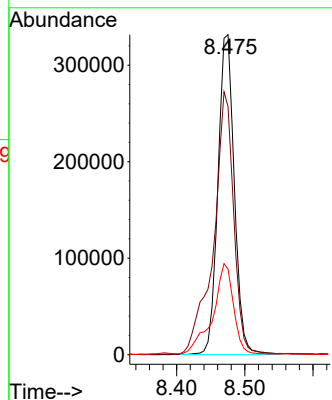
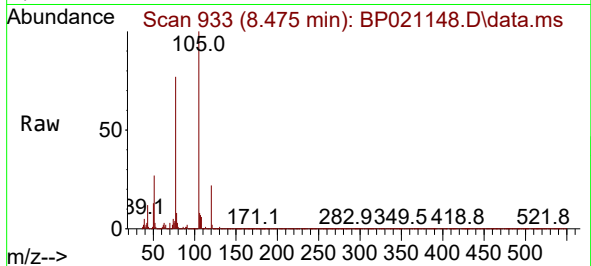




#16
Acetophenone
Concen: 26.059 ng/ul
RT: 8.475 min Scan# 911
Delta R.T. 0.006 min
Lab File: BP021148.D
Acq: 25 Jul 2024 15:13

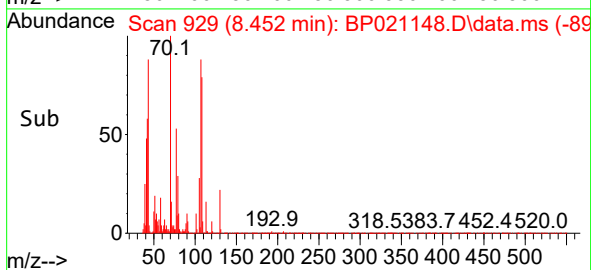
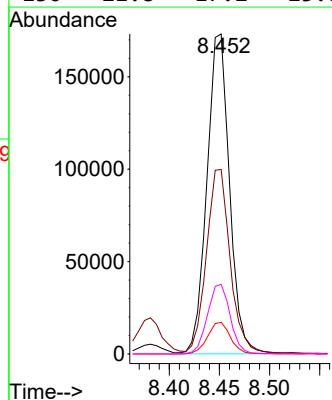
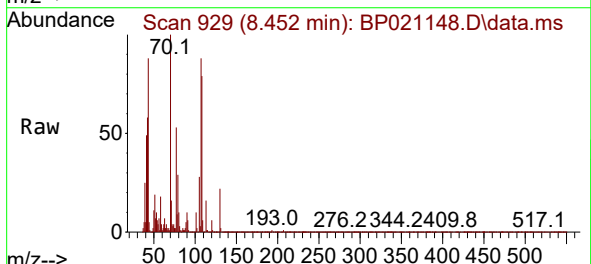
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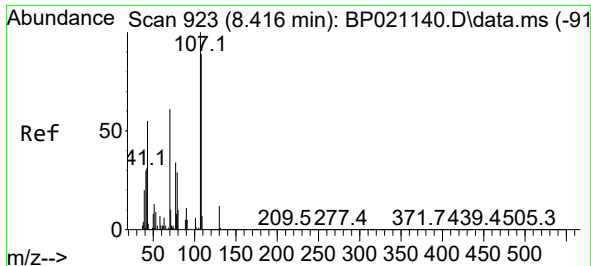
Tgt Ion:105 Resp: 554706
Ion Ratio Lower Upper
105 100
77 77.5 61.8 92.8
51 26.8 21.5 32.3



#17
N-Nitroso-di-n-propylamine
Concen: 24.384 ng/ul
RT: 8.452 min Scan# 929
Delta R.T. 0.006 min
Lab File: BP021148.D
Acq: 25 Jul 2024 15:13

Tgt Ion: 70 Resp: 271963
Ion Ratio Lower Upper
70 100
42 57.6 46.6 69.8
101 9.9 7.4 11.0
130 21.8 17.2 25.8

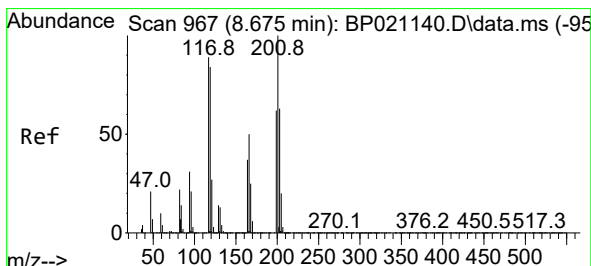
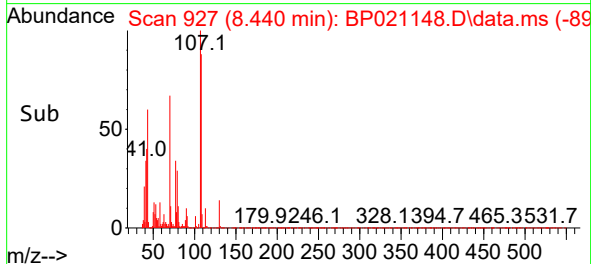
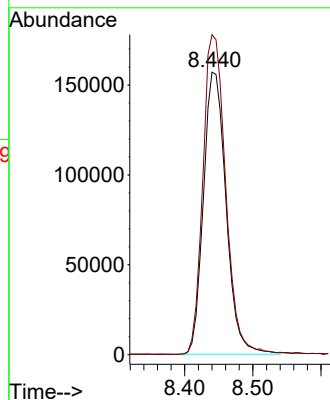
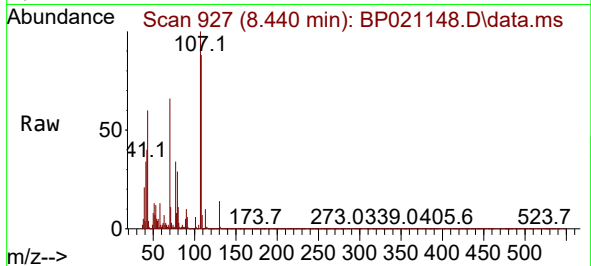




#18
4-Methylphenol
Concen: 26.096 ng/ul
RT: 8.440 min Scan# 911
Delta R.T. -0.006 min
Lab File: BP021148.D
Acq: 25 Jul 2024 15:13

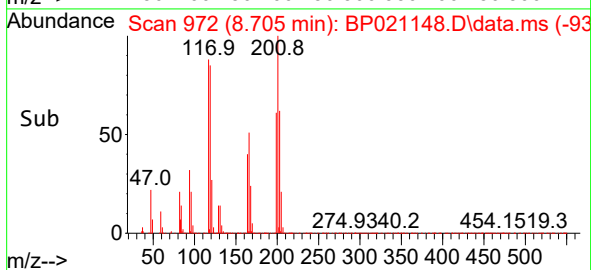
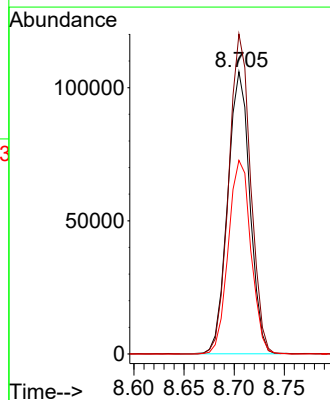
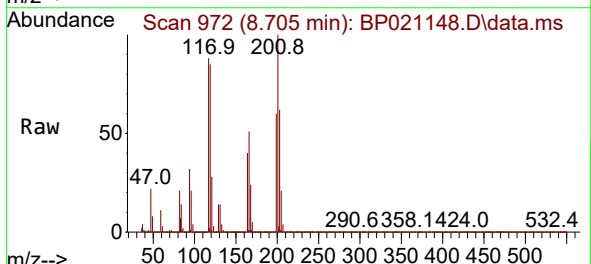
Instrument :
BNA_P
ClientSampleId :
SLCS259

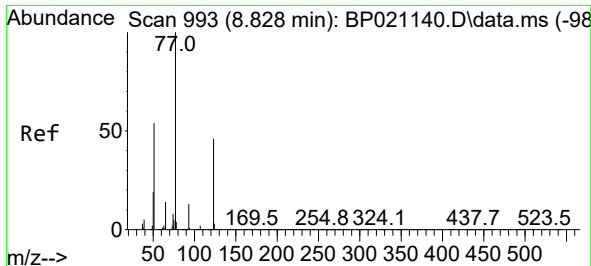
Tgt Ion:108 Resp: 363309
Ion Ratio Lower Upper
108 100
107 113.2 87.8 131.8



#19
Hexachloroethane
Concen: 26.428 ng/ul
RT: 8.705 min Scan# 972
Delta R.T. 0.006 min
Lab File: BP021148.D
Acq: 25 Jul 2024 15:13

Tgt Ion:117 Resp: 162853
Ion Ratio Lower Upper
117 100
201 113.4 88.2 132.2
199 68.6 55.8 83.6

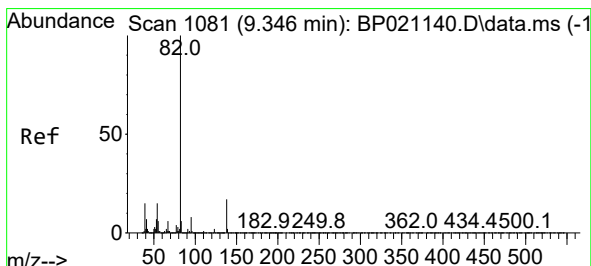
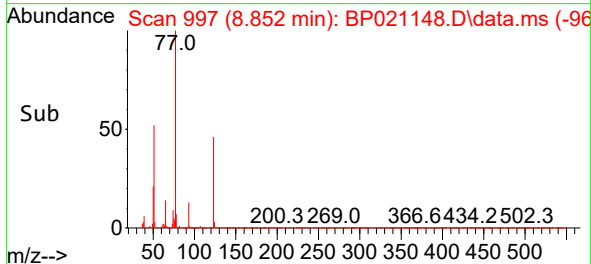
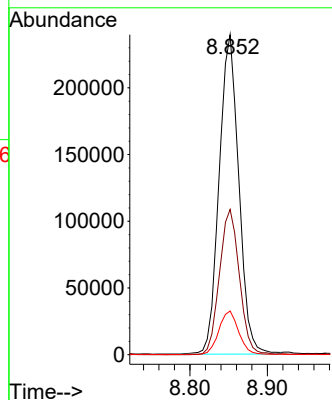
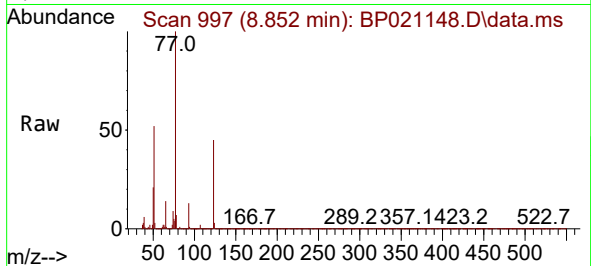




#22
Nitrobenzene
Concen: 28.979 ng/ul
RT: 8.852 min Scan# 993
Delta R.T. 0.000 min
Lab File: BP021148.D
Acq: 25 Jul 2024 15:13

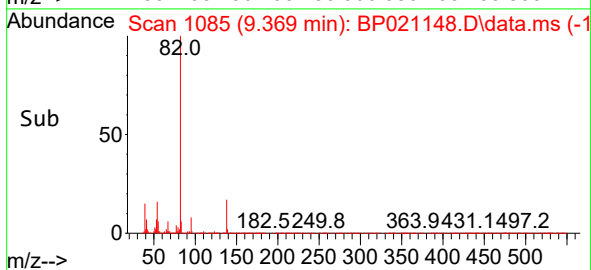
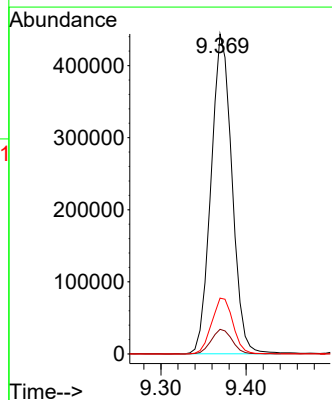
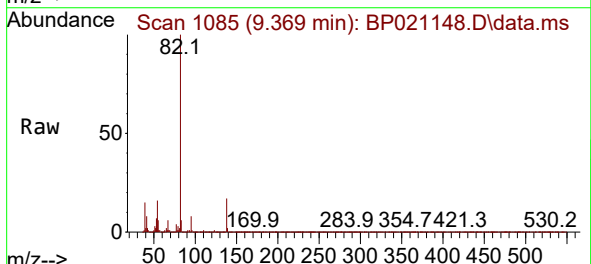
Instrument :
BNA_P
ClientSampleId :
SLCS259

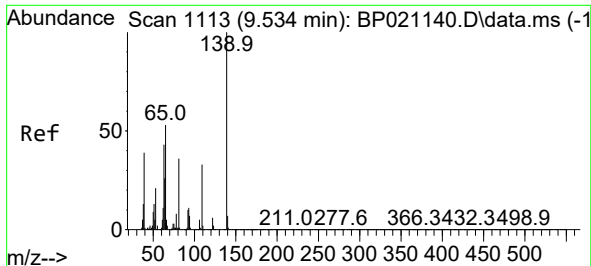
Tgt Ion: 77 Resp: 422297
Ion Ratio Lower Upper
77 100
123 45.4 36.7 55.1
65 13.7 11.1 16.7



#23
Isophorone
Concen: 26.108 ng/ul
RT: 9.369 min Scan# 1085
Delta R.T. 0.000 min
Lab File: BP021148.D
Acq: 25 Jul 2024 15:13

Tgt Ion: 82 Resp: 756360
Ion Ratio Lower Upper
82 100
95 7.7 6.1 9.1
138 17.5 14.4 21.6

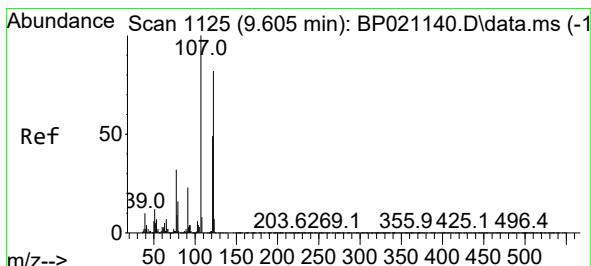
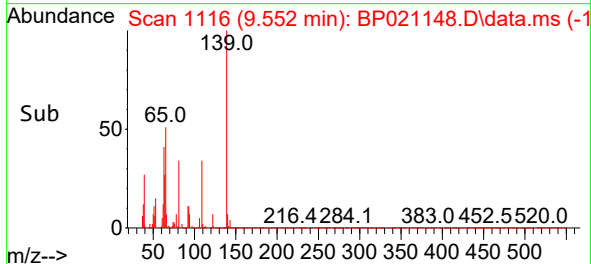
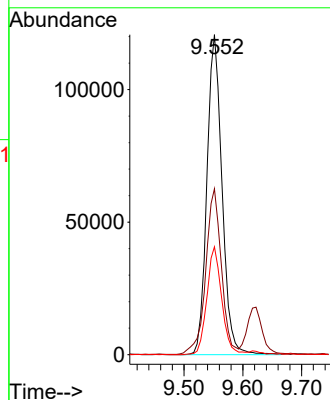
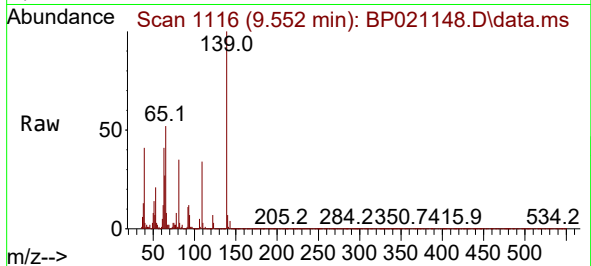




#25
2-Nitrophenol
Concen: 29.697 ng/ul
RT: 9.552 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BP021148.D
Acq: 25 Jul 2024 15:13

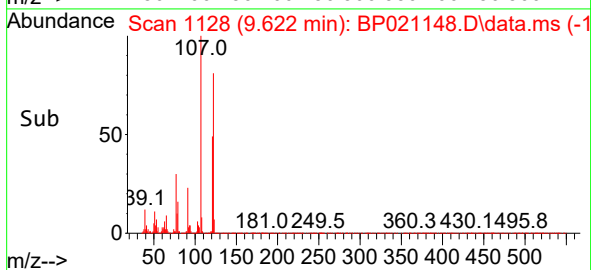
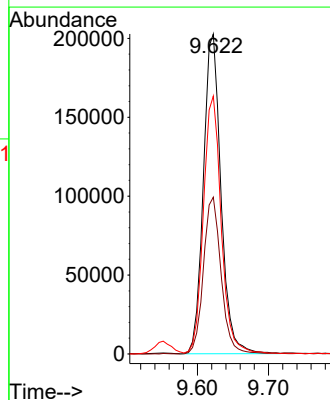
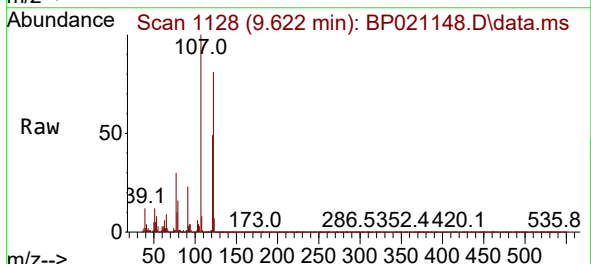
Instrument :
BNA_P
ClientSampleId :
SLCS259

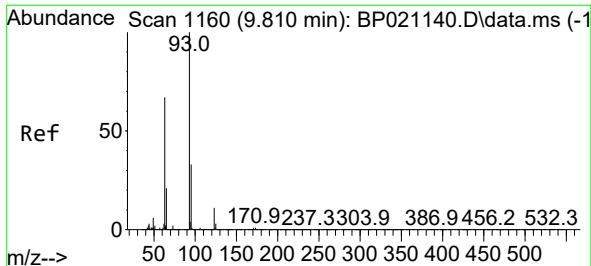
Tgt Ion:139 Resp: 215656
Ion Ratio Lower Upper
139 100
65 51.9 42.9 64.3
109 33.7 26.2 39.4



#26
2,4-Dimethylphenol
Concen: 24.401 ng/ul
RT: 9.622 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BP021148.D
Acq: 25 Jul 2024 15:13

Tgt Ion:107 Resp: 349409
Ion Ratio Lower Upper
107 100
121 49.0 39.6 59.4
122 80.6 66.3 99.5

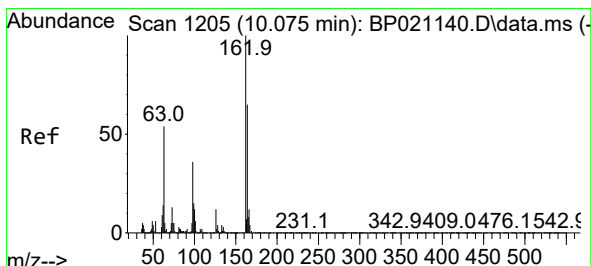
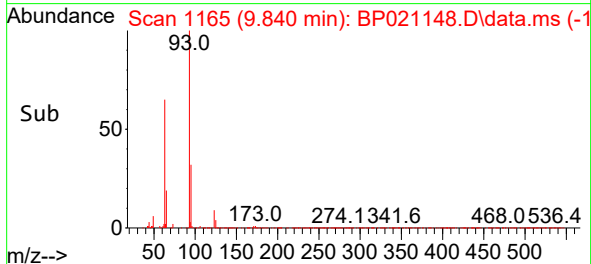
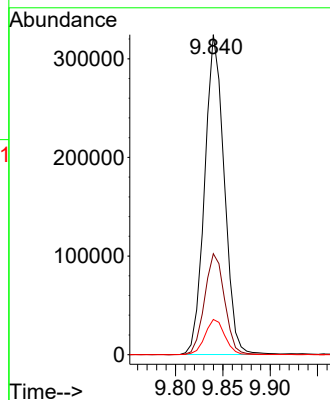
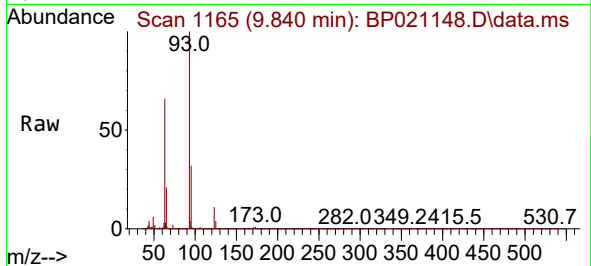




#27
 Bis(2-Chloroethoxy)methane
 Concen: 26.435 ng/ul
 RT: 9.840 min Scan# 1160
 Delta R.T. 0.006 min
 Lab File: BP021148.D
 Acq: 25 Jul 2024 15:13

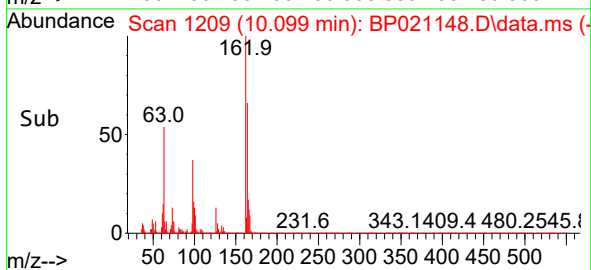
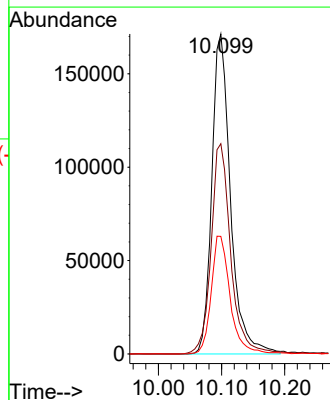
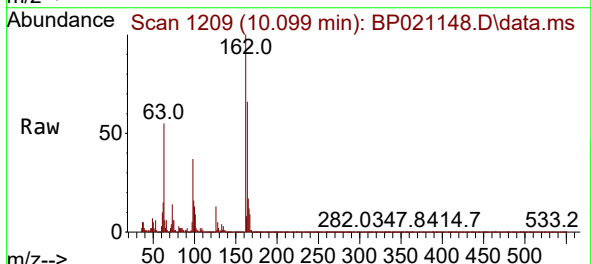
Instrument :
 BNA_P
 ClientSampleId :
 SLCS259

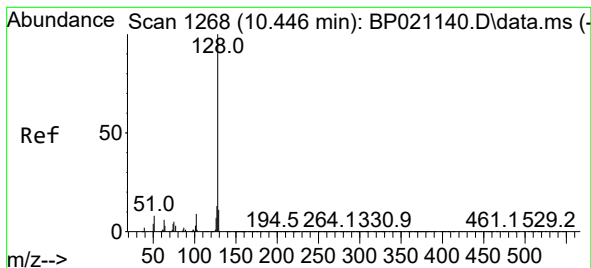
Tgt Ion: 93 Resp: 465512
 Ion Ratio Lower Upper
 93 100
 95 31.6 25.5 38.3
 123 11.0 9.0 13.4



#29
 2,4-Dichlorophenol
 Concen: 28.434 ng/ul
 RT: 10.099 min Scan# 1209
 Delta R.T. 0.000 min
 Lab File: BP021148.D
 Acq: 25 Jul 2024 15:13

Tgt Ion:162 Resp: 352812
 Ion Ratio Lower Upper
 162 100
 164 65.7 53.3 79.9
 98 36.7 28.7 43.1

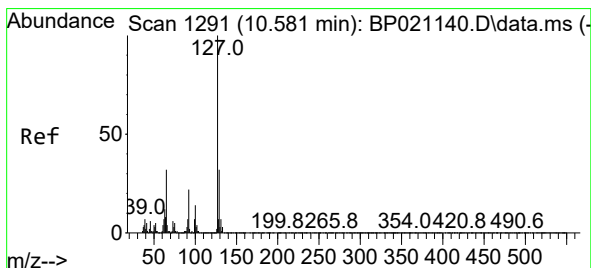
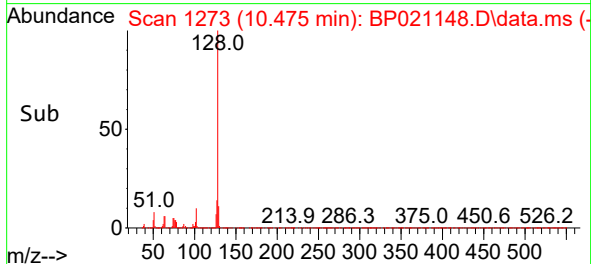
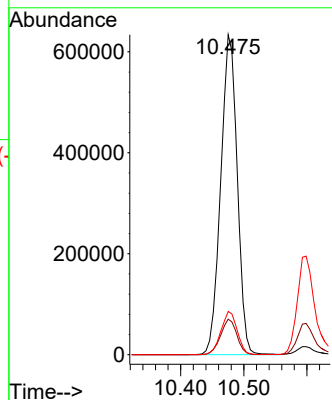
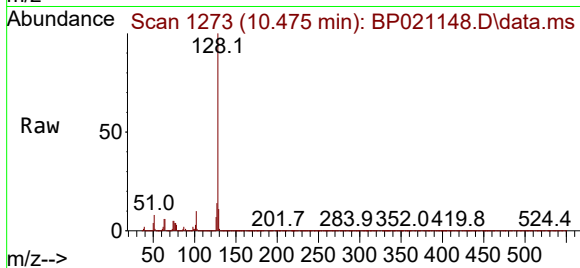




#30
Naphthalene
Concen: 27.974 ng/ul
RT: 10.475 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP021148.D
Acq: 25 Jul 2024 15:13

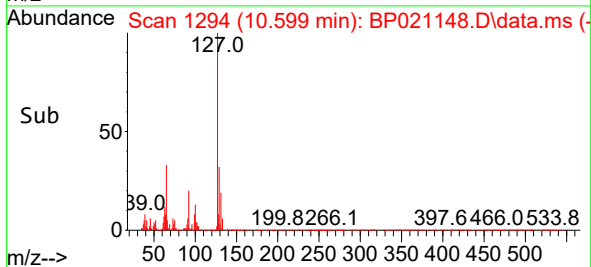
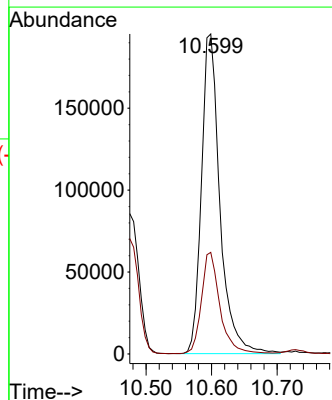
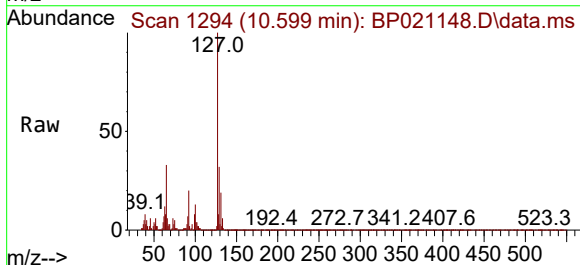
Instrument :
BNA_P
ClientSampleId :
SLCS259

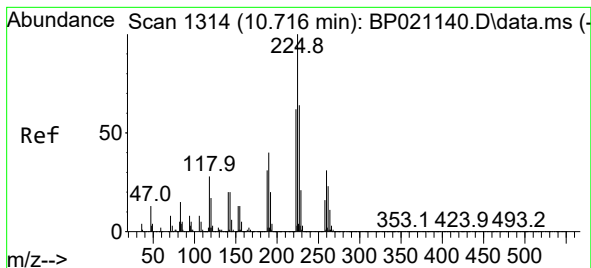
Tgt Ion:128 Resp: 1152458
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.5 10.8 16.2



#32
4-Chloroaniline
Concen: 24.043 ng/ul
RT: 10.599 min Scan# 1294
Delta R.T. 0.006 min
Lab File: BP021148.D
Acq: 25 Jul 2024 15:13

Tgt Ion:127 Resp: 382938
Ion Ratio Lower Upper
127 100
129 31.7 26.1 39.1





#33

Hexachlorobutadiene

Concen: 28.451 ng/ul

RT: 10.728 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP021148.D

Acq: 25 Jul 2024 15:13

Instrument :

BNA_P

ClientSampleId :

SLCS259

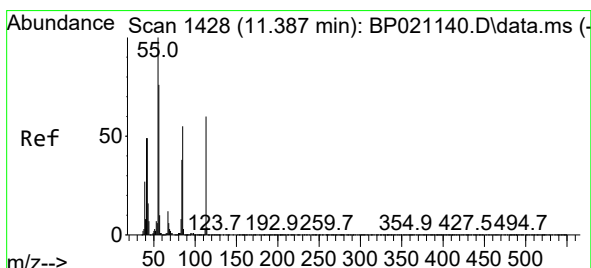
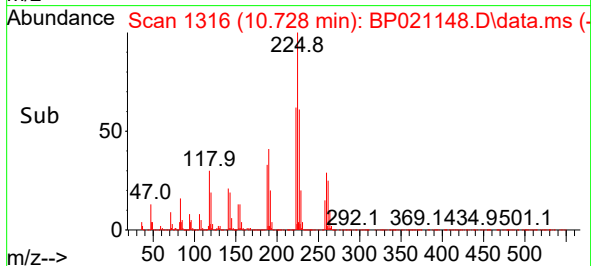
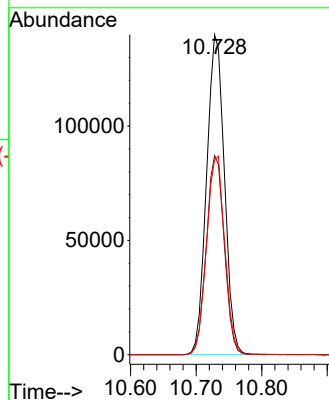
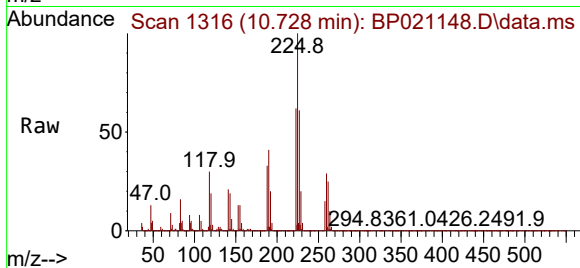
Tgt Ion:225 Resp: 264700

Ion Ratio Lower Upper

225 100

223 62.2 50.2 75.2

227 61.0 50.6 75.8



#34

Caprolactam

Concen: 27.581 ng/ul

RT: 11.410 min Scan# 1432

Delta R.T. -0.035 min

Lab File: BP021148.D

Acq: 25 Jul 2024 15:13

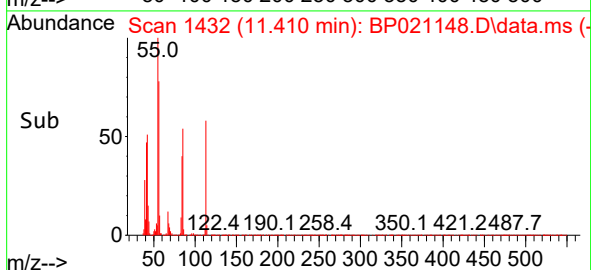
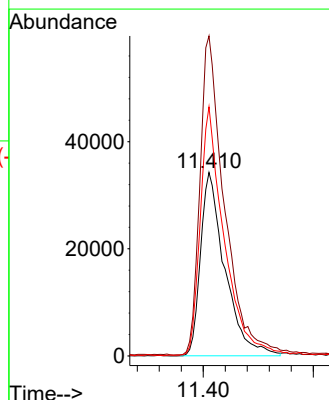
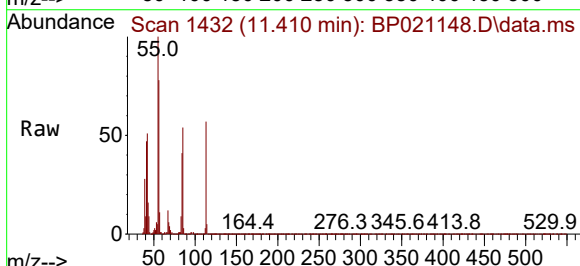
Tgt Ion:113 Resp: 105426

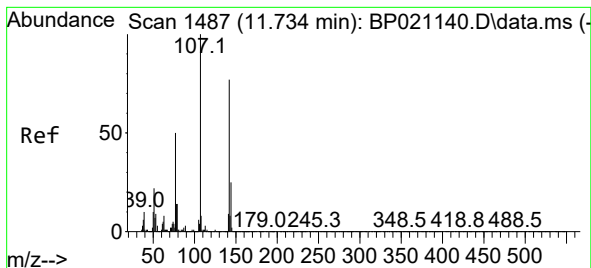
Ion Ratio Lower Upper

113 100

55 174.4 140.2 210.4

56 135.8 105.5 158.3

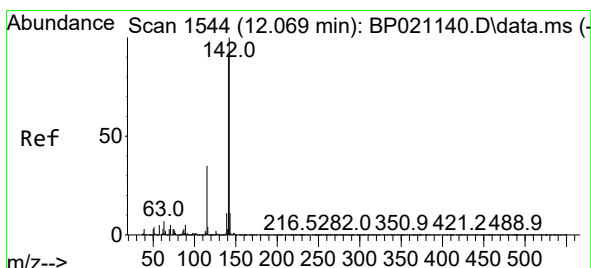
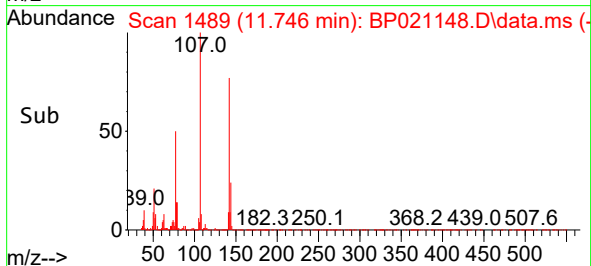
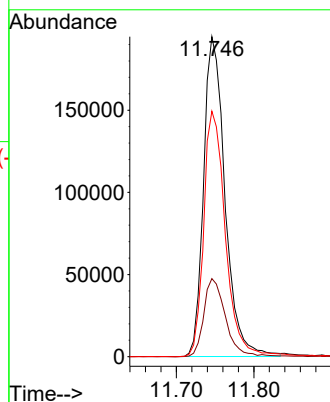
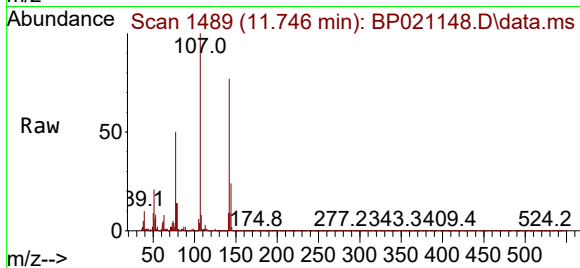




#35
4-Chloro-3-methylphenol
Concen: 27.769 ng/ul
RT: 11.746 min Scan# 1489
Delta R.T. -0.012 min
Lab File: BP021148.D
Acq: 25 Jul 2024 15:13

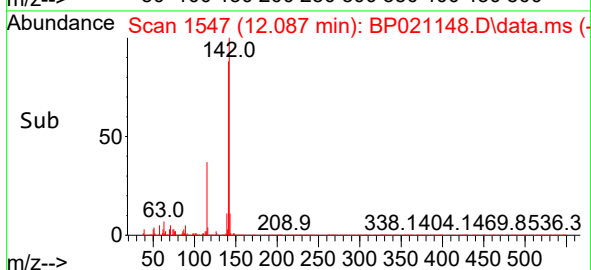
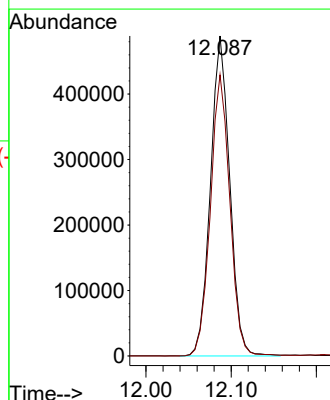
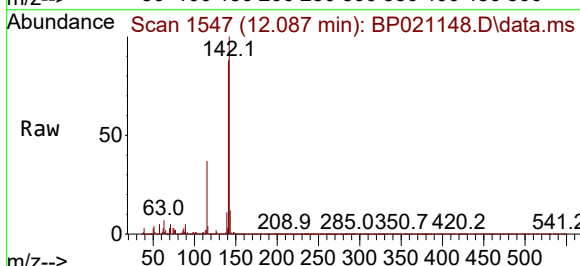
Instrument :
BNA_P
ClientSampleId :
SLCS259

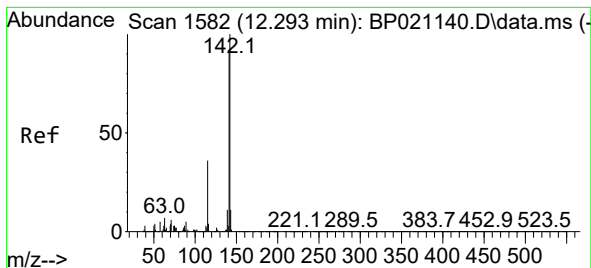
Tgt Ion:107 Resp: 374539
Ion Ratio Lower Upper
107 100
144 24.4 19.3 28.9
142 76.7 60.7 91.1



#36
2-Methylnaphthalene
Concen: 27.123 ng/ul
RT: 12.087 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BP021148.D
Acq: 25 Jul 2024 15:13

Tgt Ion:142 Resp: 767048
Ion Ratio Lower Upper
142 100
141 87.9 72.6 108.8





#37

1-Methylnaphthalene

Concen: 26.384 ng/ul

RT: 12.310 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP021148.D

Acq: 25 Jul 2024 15:13

Instrument :

BNA_P

ClientSampleId :

SLCS259

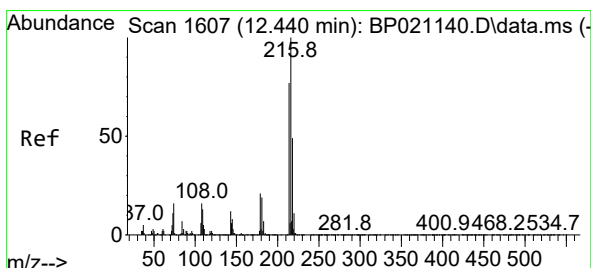
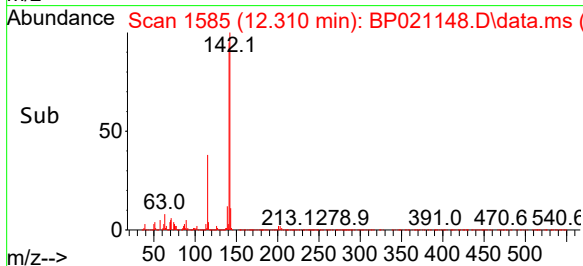
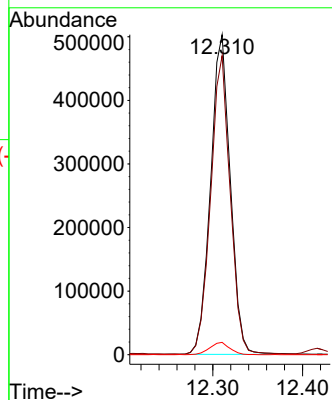
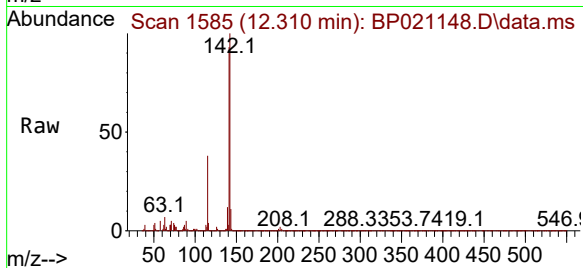
Tgt Ion:142 Resp: 767395

Ion Ratio Lower Upper

142 100

141 93.4 75.0 112.6

116 3.9 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.576 ng/ul

RT: 12.457 min Scan# 1610

Delta R.T. 0.000 min

Lab File: BP021148.D

Acq: 25 Jul 2024 15:13

Tgt Ion:216 Resp: 459513

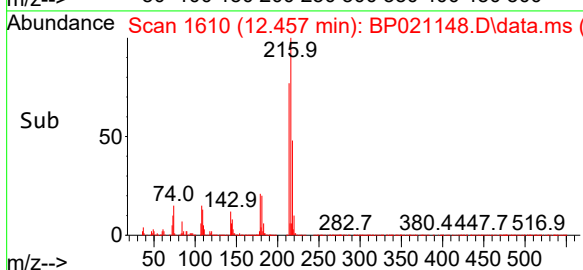
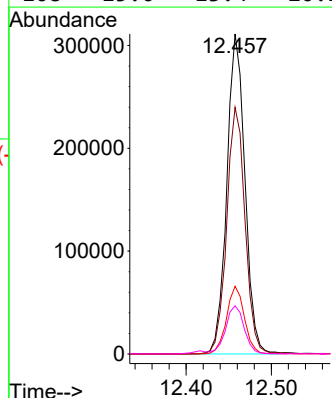
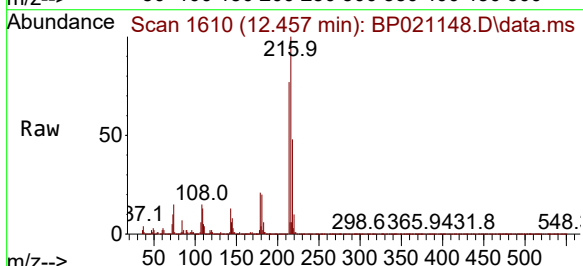
Ion Ratio Lower Upper

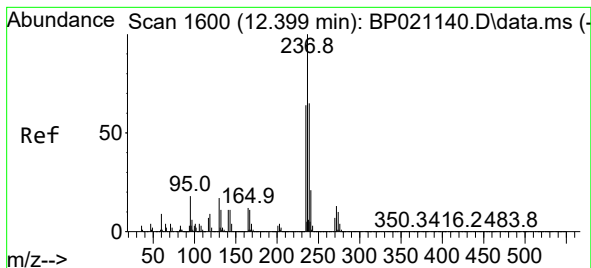
216 100

214 77.0 64.2 96.4

179 21.1 16.6 24.8

108 15.0 13.4 20.2





#40

Hexachlorocyclopentadiene

Concen: 14.623 ng/ul

RT: 12.416 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP021148.D

Acq: 25 Jul 2024 15:13

Instrument :

BNA_P

ClientSampleId :

SLCS259

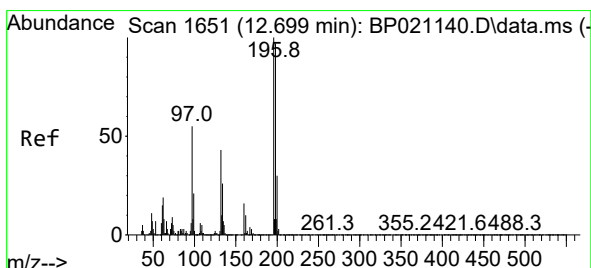
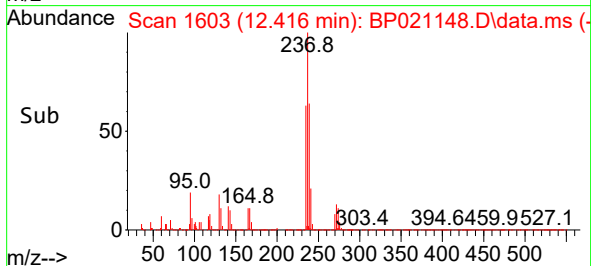
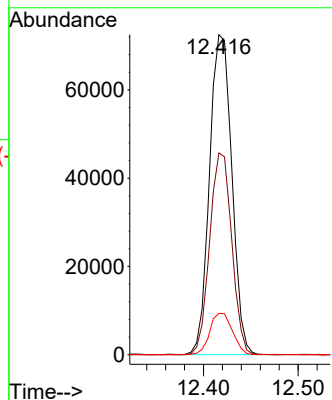
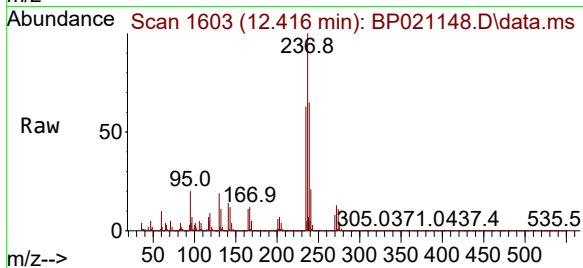
Tgt Ion:237 Resp: 118854

Ion Ratio Lower Upper

237 100

235 63.0 49.7 74.5

272 13.8 10.2 15.2



#41

2,4,6-Trichlorophenol

Concen: 26.209 ng/ul

RT: 12.728 min Scan# 1656

Delta R.T. 0.012 min

Lab File: BP021148.D

Acq: 25 Jul 2024 15:13

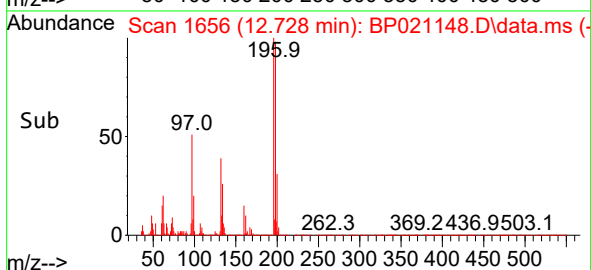
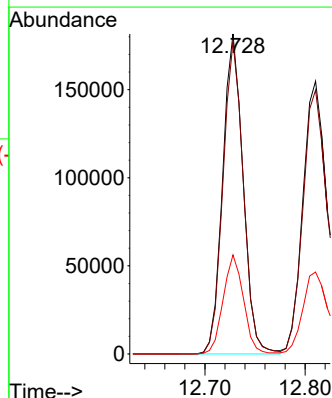
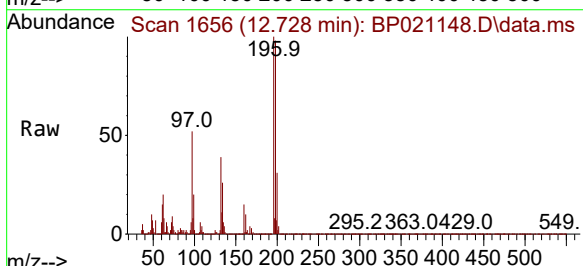
Tgt Ion:196 Resp: 257308

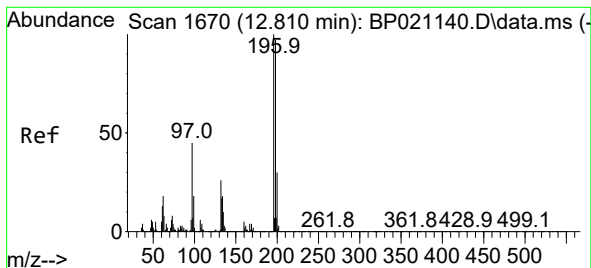
Ion Ratio Lower Upper

196 100

198 97.6 76.6 115.0

200 30.9 26.0 39.0





#42

2,4,5-Trichlorophenol

Concen: 27.240 ng/ul

RT: 12.810 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP021148.D

Acq: 25 Jul 2024 15:13

Instrument :

BNA_P

ClientSampleId :

SLCS259

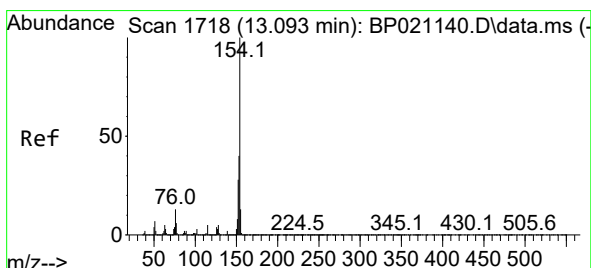
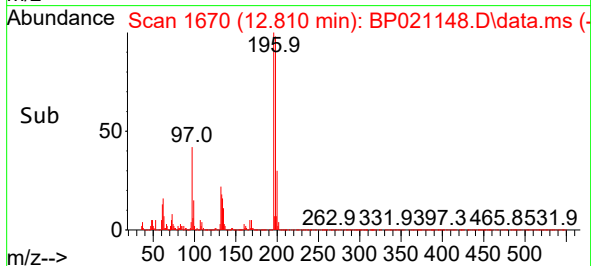
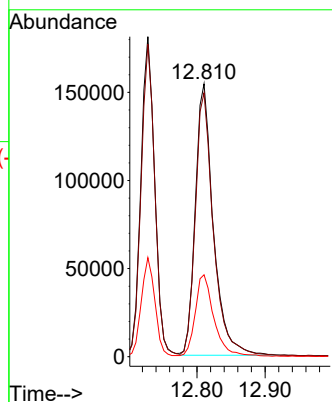
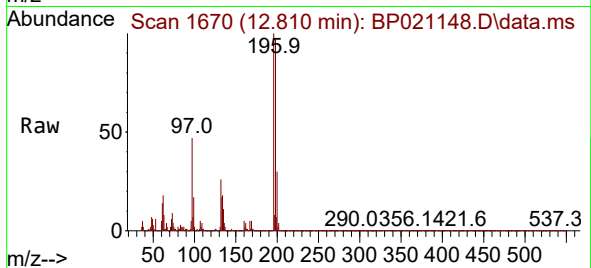
Tgt Ion:196 Resp: 282952

Ion Ratio Lower Upper

196 100

198 96.7 77.1 115.7

200 30.0 25.3 37.9



#43

1,1'-Biphenyl

Concen: 28.842 ng/ul

RT: 13.116 min Scan# 1722

Delta R.T. 0.012 min

Lab File: BP021148.D

Acq: 25 Jul 2024 15:13

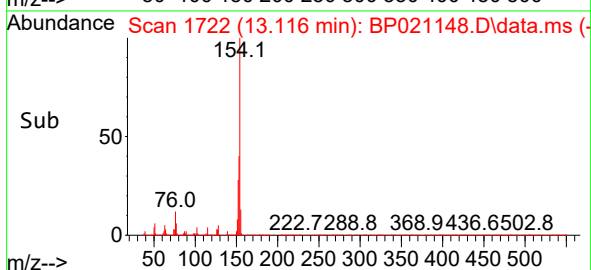
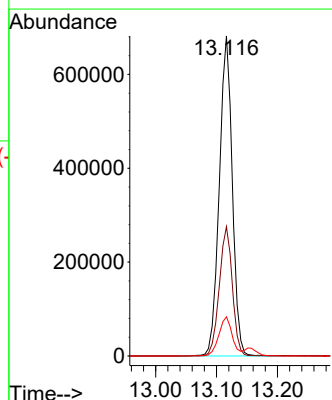
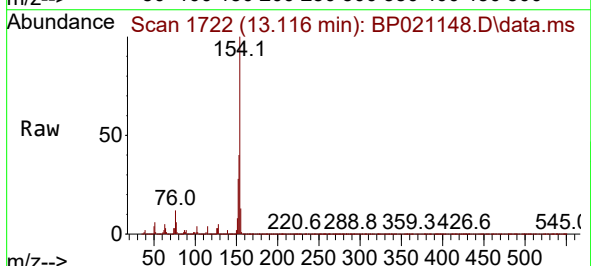
Tgt Ion:154 Resp: 1008395

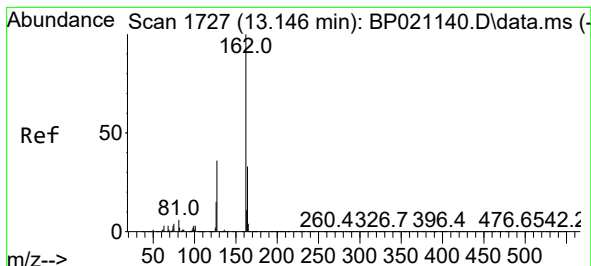
Ion Ratio Lower Upper

154 100

153 40.4 32.7 49.1

76 12.3 9.4 14.2





#44

2-Chloronaphthalene

Concen: 28.330 ng/ul

RT: 13.157 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP021148.D

Acq: 25 Jul 2024 15:13

Instrument :

BNA_P

ClientSampleId :

SLCS259

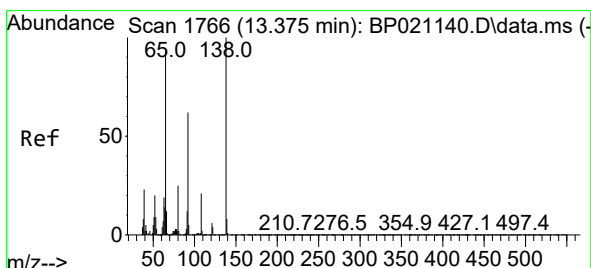
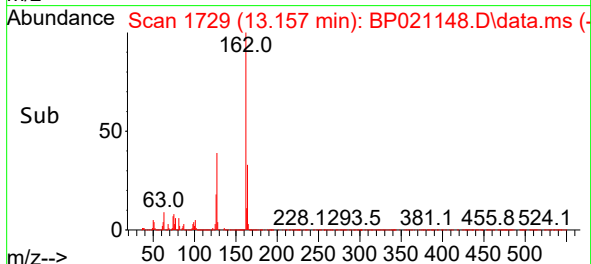
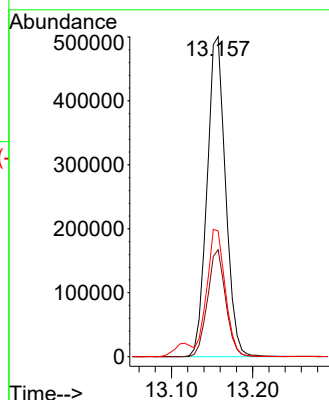
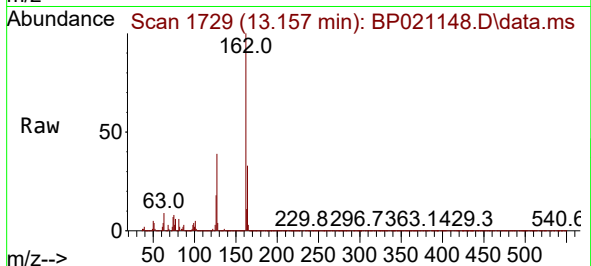
Tgt Ion:162 Resp: 790729

Ion Ratio Lower Upper

162 100

164 33.4 26.3 39.5

127 39.3 31.8 47.8



#45

2-Nitroaniline

Concen: 30.231 ng/ul

RT: 13.399 min Scan# 1770

Delta R.T. 0.006 min

Lab File: BP021148.D

Acq: 25 Jul 2024 15:13

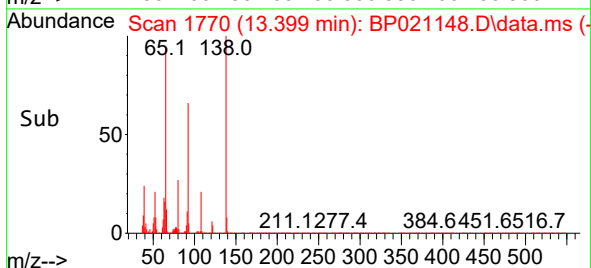
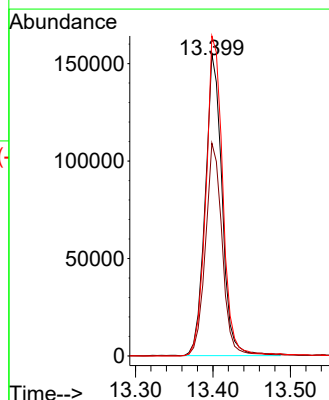
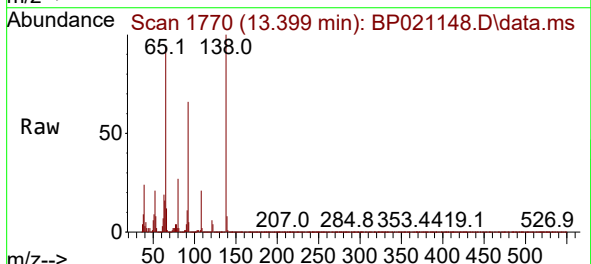
Tgt Ion: 65 Resp: 233341

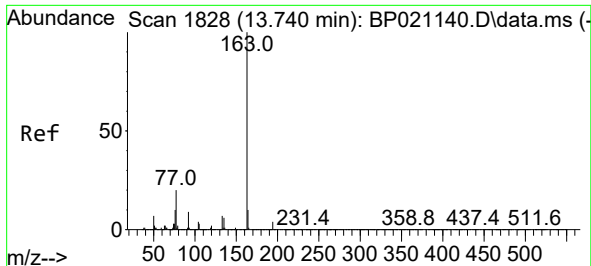
Ion Ratio Lower Upper

65 100

92 70.5 56.7 85.1

138 106.0 85.6 128.4

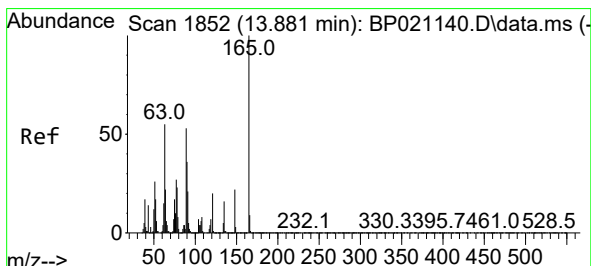
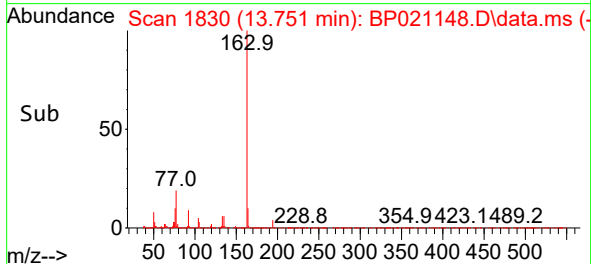
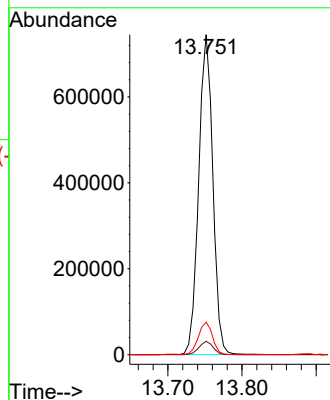
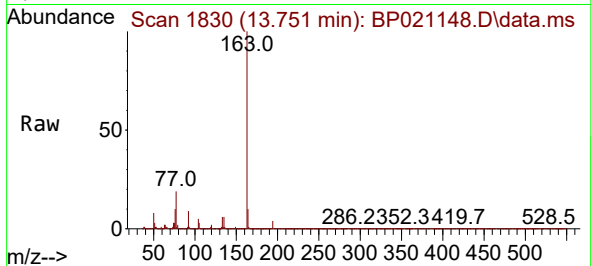




#47
Dimethylphthalate
Concen: 27.929 ng/ul
RT: 13.751 min Scan# 1830
Delta R.T. 0.006 min
Lab File: BP021148.D
Acq: 25 Jul 2024 15:13

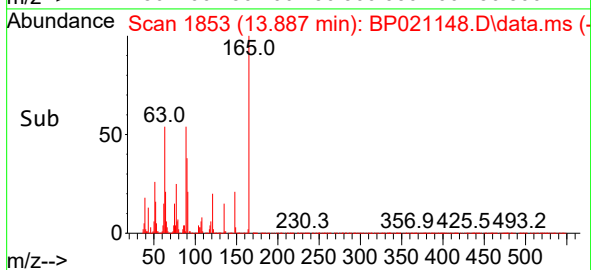
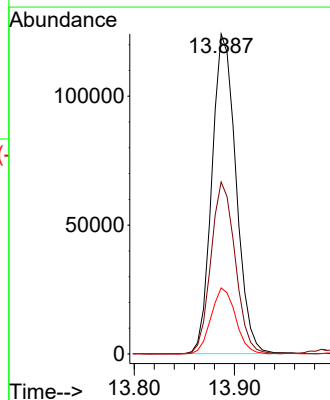
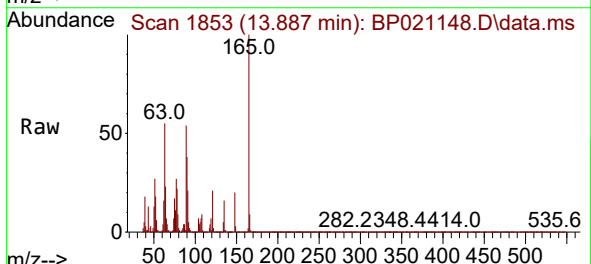
Instrument :
BNA_P
ClientSampleId :
SLCS259

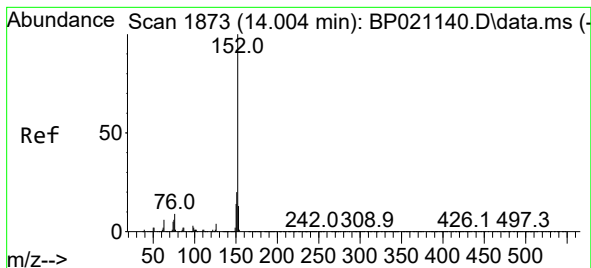
Tgt Ion:163 Resp: 985562
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.2 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 29.408 ng/ul
RT: 13.887 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BP021148.D
Acq: 25 Jul 2024 15:13

Tgt Ion:165 Resp: 207476
Ion Ratio Lower Upper
165 100
89 53.8 44.7 67.1
121 20.7 16.5 24.7





#50

Acenaphthylene

Concen: 28.392 ng/ul

RT: 14.016 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP021148.D

Acq: 25 Jul 2024 15:13

Instrument :

BNA_P

ClientSampleId :

SLCS259

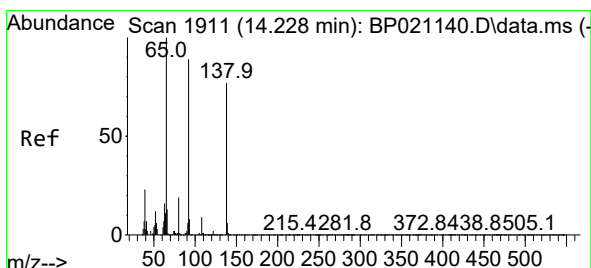
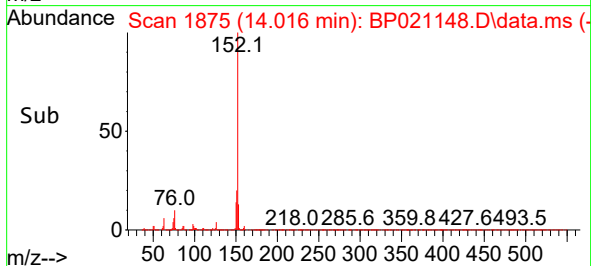
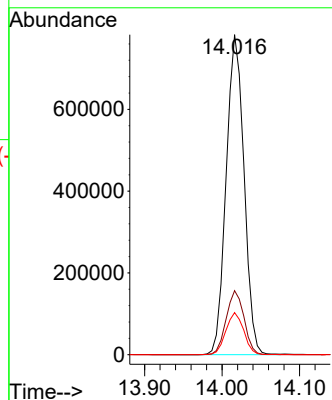
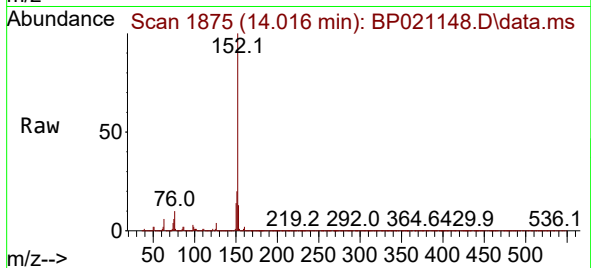
Tgt Ion:152 Resp: 1255332

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.2

153 13.1 10.3 15.5



#51

3-Nitroaniline

Concen: 31.807 ng/ul

RT: 14.228 min Scan# 1911

Delta R.T. -0.012 min

Lab File: BP021148.D

Acq: 25 Jul 2024 15:13

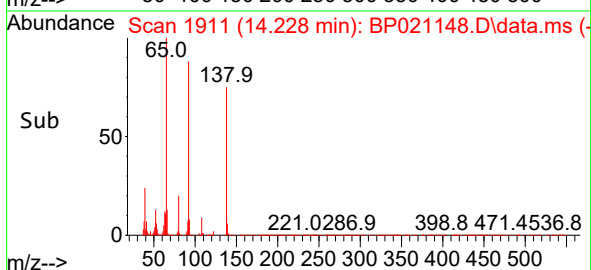
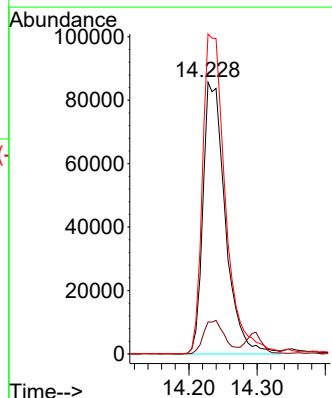
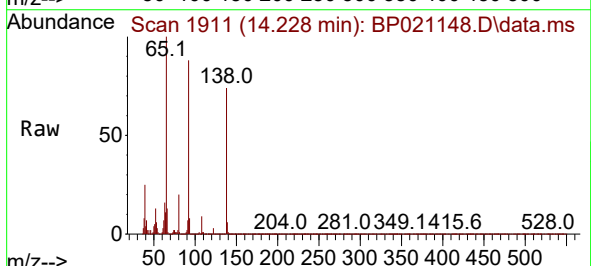
Tgt Ion:138 Resp: 195273

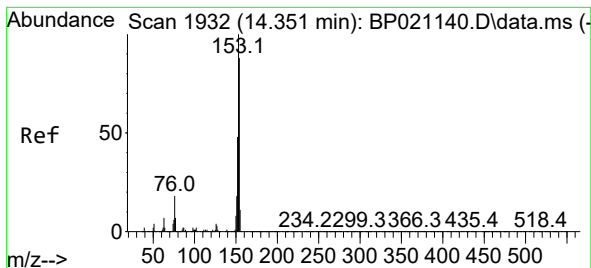
Ion Ratio Lower Upper

138 100

108 11.8 9.8 14.8

92 117.8 98.0 147.0





#52

Acenaphthene

Concen: 28.143 ng/ul

RT: 14.363 min Scan# 1934

Delta R.T. 0.006 min

Lab File: BP021148.D

Acq: 25 Jul 2024 15:13

Instrument :

BNA_P

ClientSampleId :

SLCS259

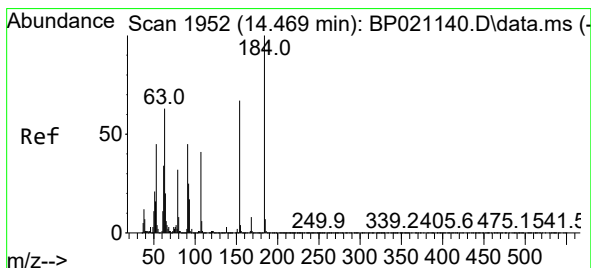
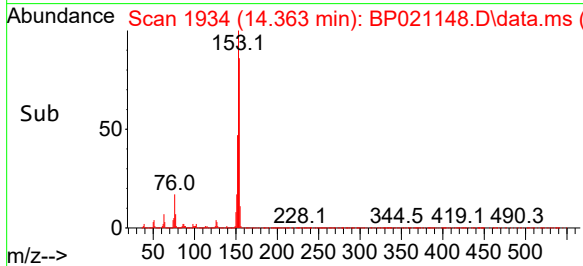
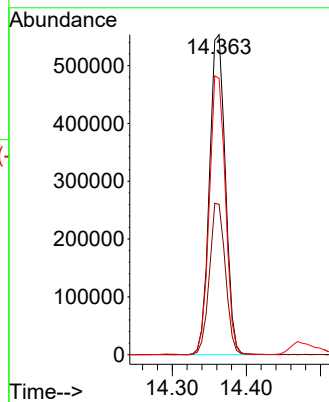
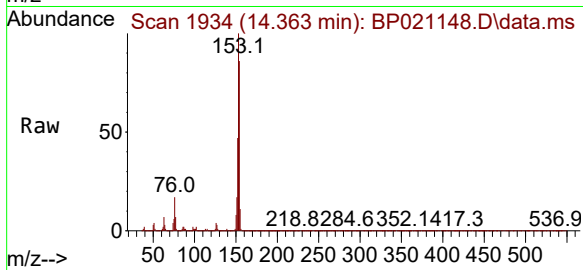
Tgt Ion:153 Resp: 825892

Ion Ratio Lower Upper

153 100

152 47.0 37.8 56.6

154 86.4 71.8 107.6



#53

2,4-Dinitrophenol

Concen: 24.544 ng/ul

RT: 14.469 min Scan# 1952

Delta R.T. 0.000 min

Lab File: BP021148.D

Acq: 25 Jul 2024 15:13

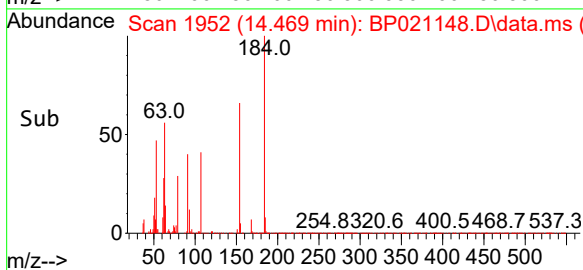
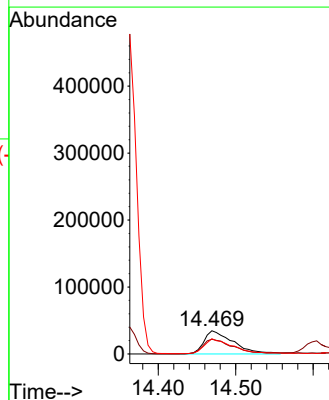
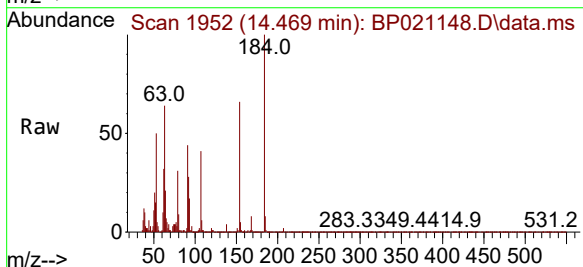
Tgt Ion:184 Resp: 90936

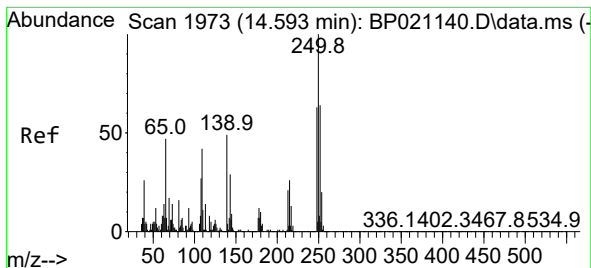
Ion Ratio Lower Upper

184 100

63 64.0 50.3 75.5

154 66.0 53.0 79.6

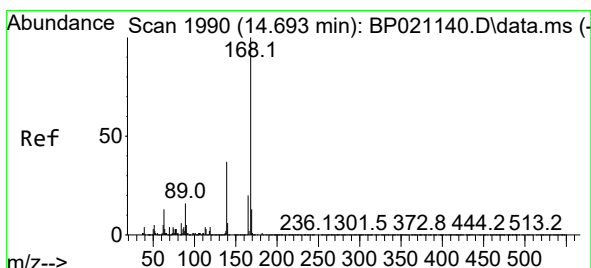
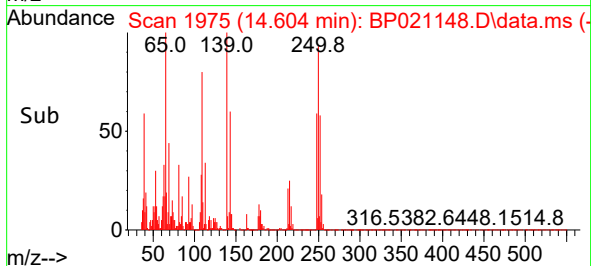
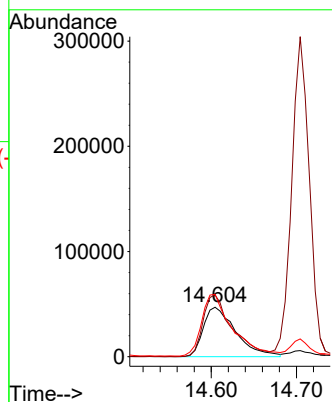
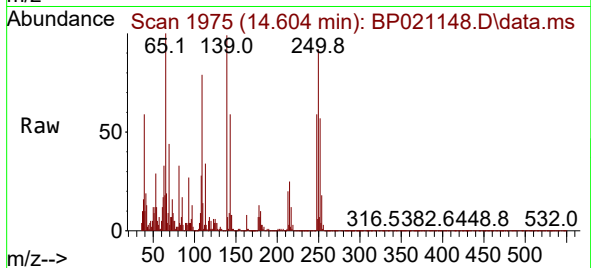




#55
4-Nitrophenol
Concen: 30.909 ng/ul
RT: 14.604 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BP021148.D
Acq: 25 Jul 2024 15:13

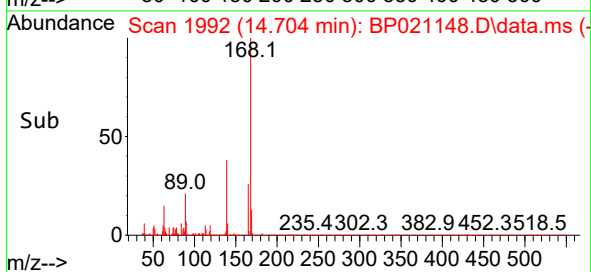
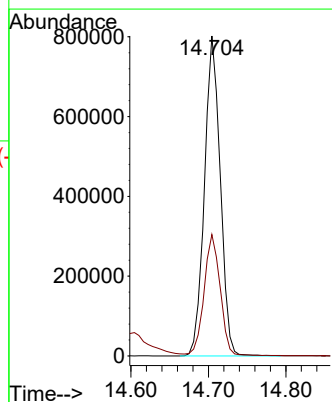
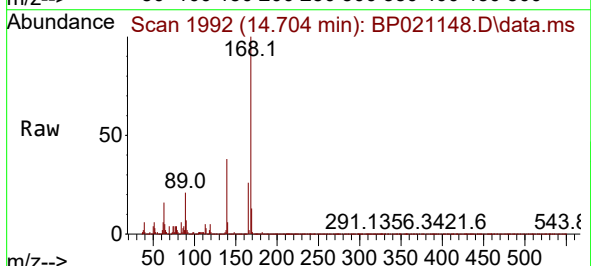
Instrument :
BNA_P
ClientSampleId :
SLCS259

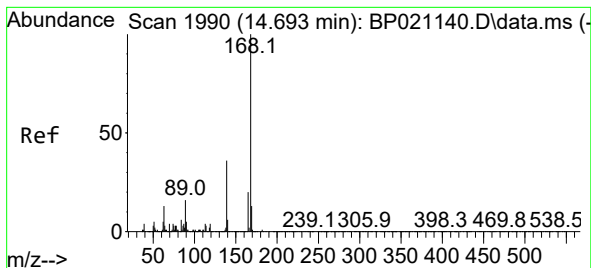
Tgt Ion:109 Resp: 124411
Ion Ratio Lower Upper
109 100
139 124.7 98.0 147.0
65 126.0 106.0 159.0



#56
Dibenzofuran
Concen: 28.323 ng/ul
RT: 14.704 min Scan# 1992
Delta R.T. 0.006 min
Lab File: BP021148.D
Acq: 25 Jul 2024 15:13

Tgt Ion:168 Resp: 1138178
Ion Ratio Lower Upper
168 100
139 37.9 31.1 46.7





#57

2,4-Dinitrotoluene

Concen: 29.464 ng/ul

RT: 14.704 min Scan# 1990

Delta R.T. 0.012 min

Lab File: BP021148.D

Acq: 25 Jul 2024 15:13

Instrument :

BNA_P

ClientSampleId :

SLCS259

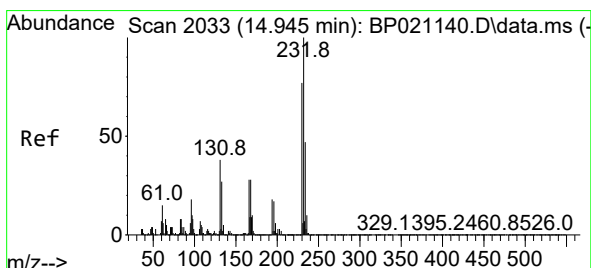
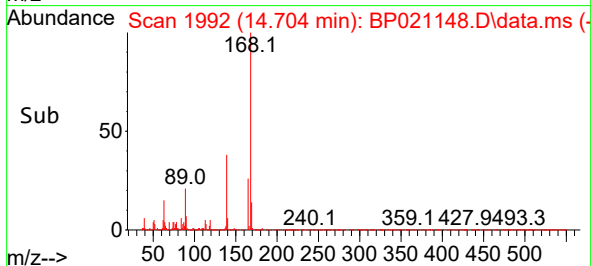
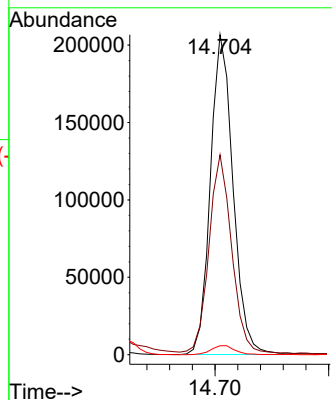
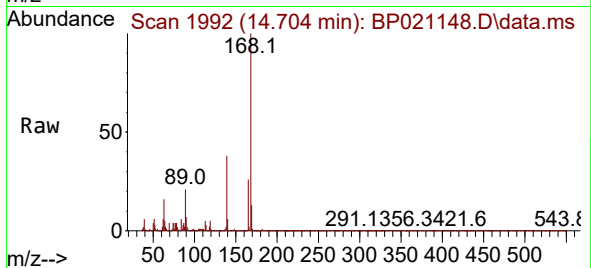
Tgt Ion:165 Resp: 285352

Ion Ratio Lower Upper

165 100

63 62.4 41.0 61.4#

182 2.8 2.2 3.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 22.583 ng/ul

RT: 14.951 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BP021148.D

Acq: 25 Jul 2024 15:13

Tgt Ion:232 Resp: 200869

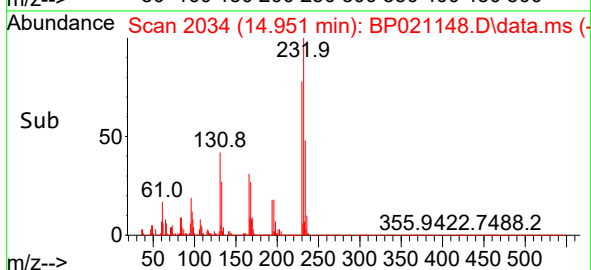
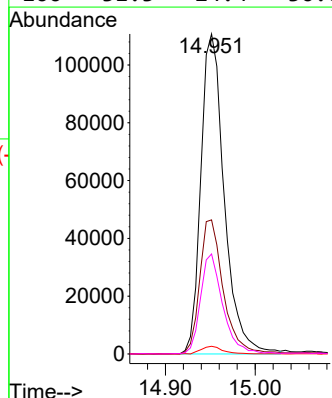
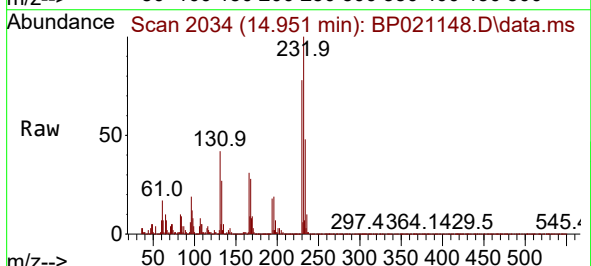
Ion Ratio Lower Upper

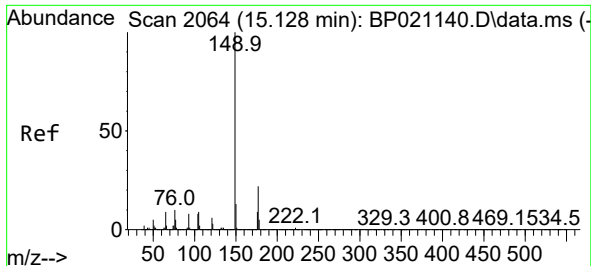
232 100

131 41.9 34.4 51.6

130 2.4 2.0 3.0

166 31.3 24.4 36.6

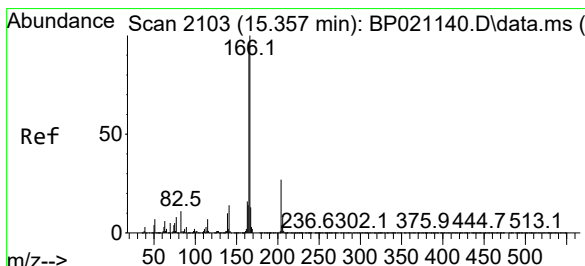
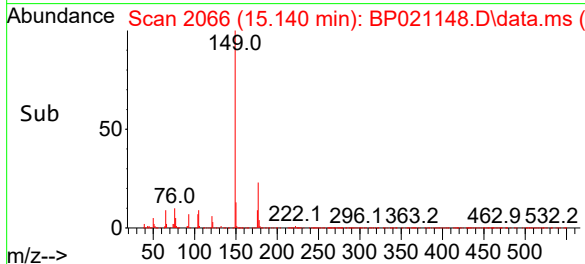
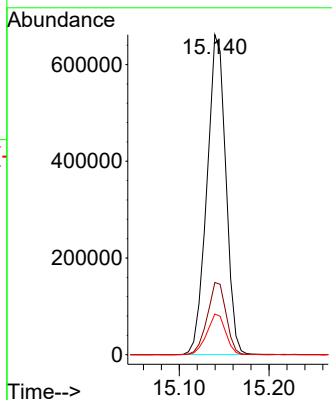
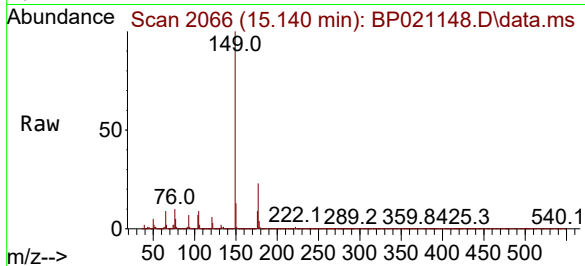




#59
Diethylphthalate
Concen: 27.409 ng/ul
RT: 15.140 min Scan# 2066
Delta R.T. 0.006 min
Lab File: BP021148.D
Acq: 25 Jul 2024 15:13

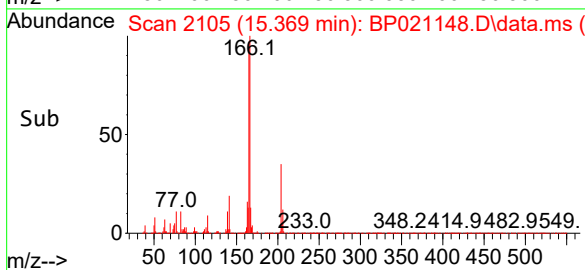
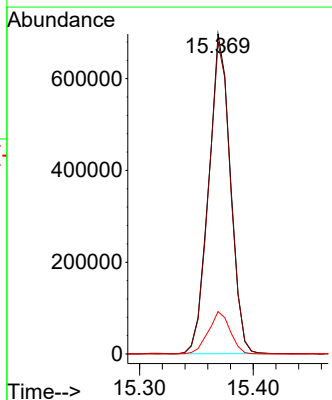
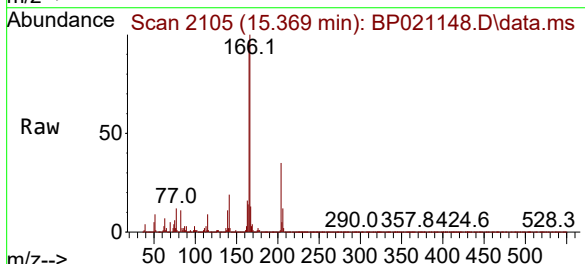
Instrument :
BNA_P
ClientSampleId :
SLCS259

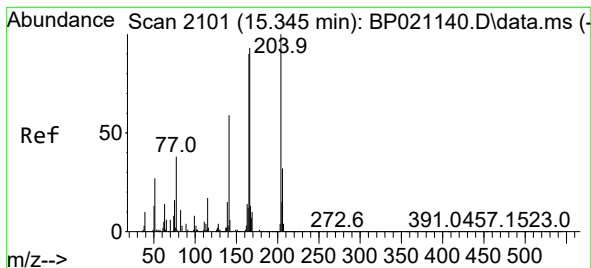
Tgt Ion:149 Resp: 966611
Ion Ratio Lower Upper
149 100
177 22.5 17.7 26.5
150 12.7 10.2 15.2



#61
Fluorene
Concen: 28.219 ng/ul
RT: 15.369 min Scan# 2105
Delta R.T. 0.012 min
Lab File: BP021148.D
Acq: 25 Jul 2024 15:13

Tgt Ion:166 Resp: 925405
Ion Ratio Lower Upper
166 100
165 97.4 78.1 117.1
167 13.3 10.9 16.3

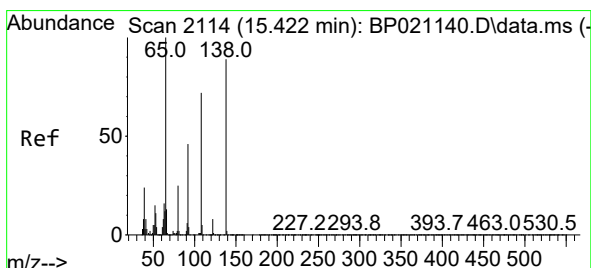
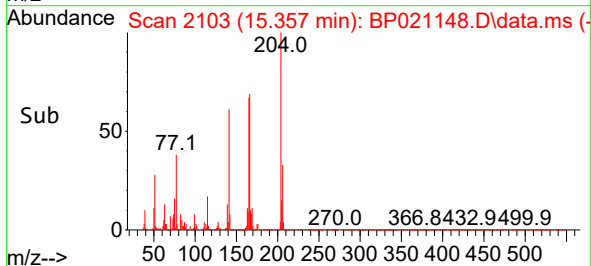
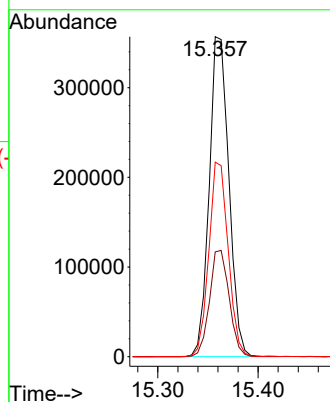
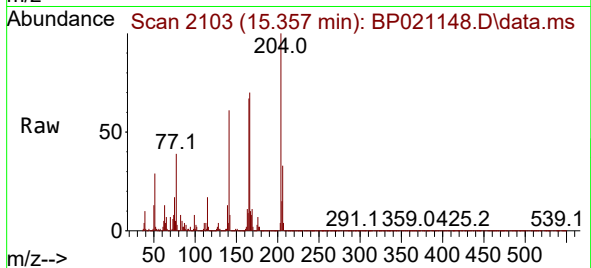




#62
4-Chlorophenyl-phenylether
Concen: 27.347 ng/ul
RT: 15.357 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BP021148.D
Acq: 25 Jul 2024 15:13

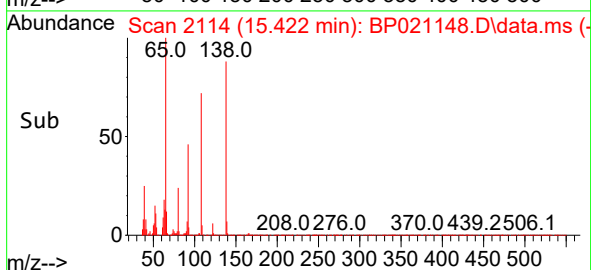
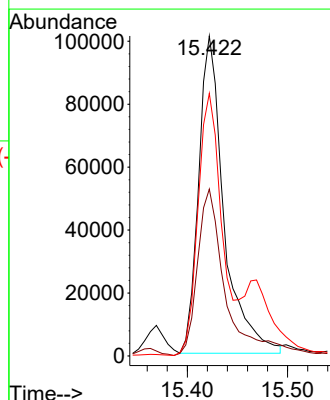
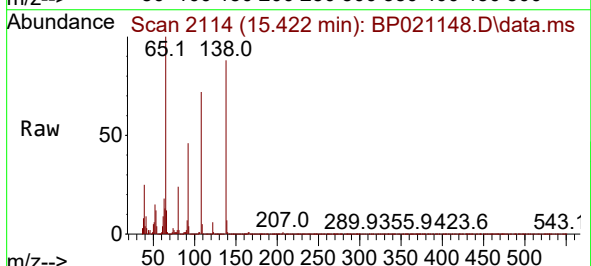
Instrument :
BNA_P
ClientSampleId :
SLCS259

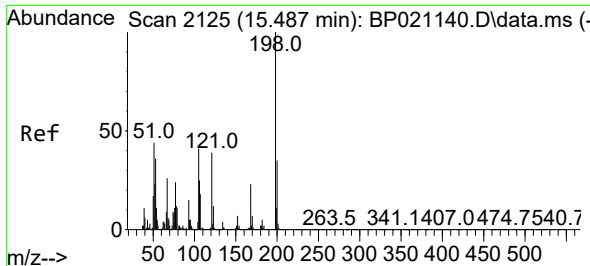
Tgt Ion:204 Resp: 486621
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 60.8 48.5 72.7



#63
4-Nitroaniline
Concen: 34.906 ng/ul
RT: 15.422 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BP021148.D
Acq: 25 Jul 2024 15:13

Tgt Ion:138 Resp: 177466
Ion Ratio Lower Upper
138 100
92 52.2 40.9 61.3
108 82.1 64.7 97.1

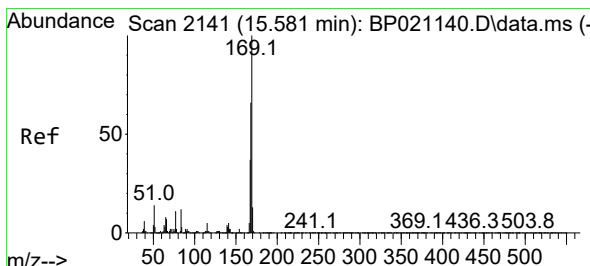
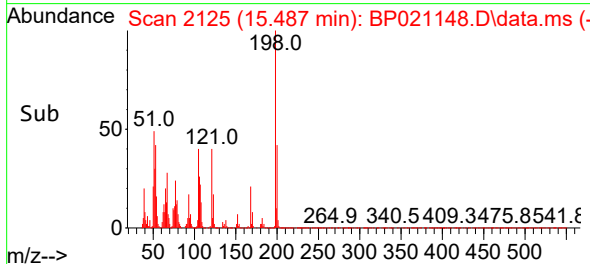
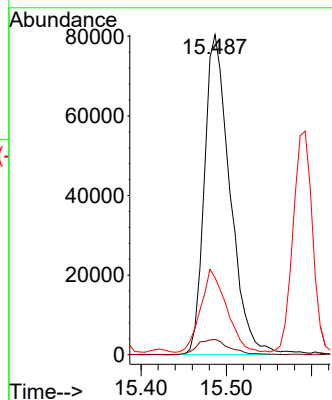
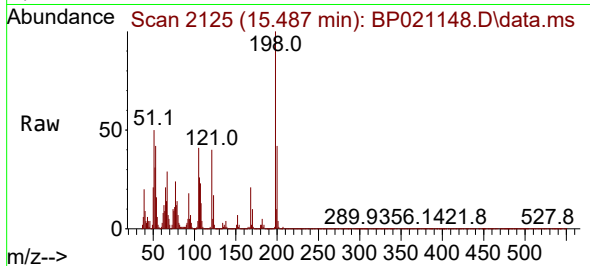




#66
 4,6-Dinitro-2-methylphenol
 Concen: 27.827 ng/ul
 RT: 15.487 min Scan# 2125
 Delta R.T. 0.000 min
 Lab File: BP021148.D
 Acq: 25 Jul 2024 15:13

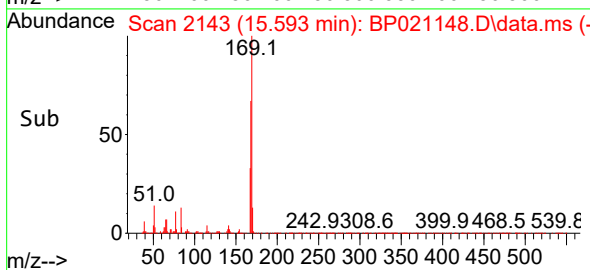
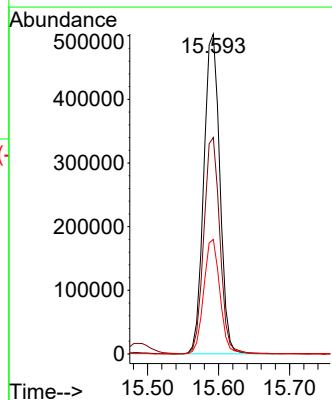
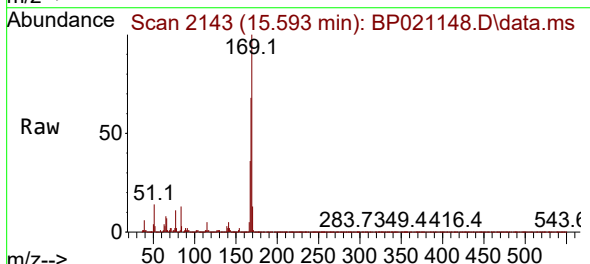
Instrument :
 BNA_P
 ClientSampleId :
 SLCS259

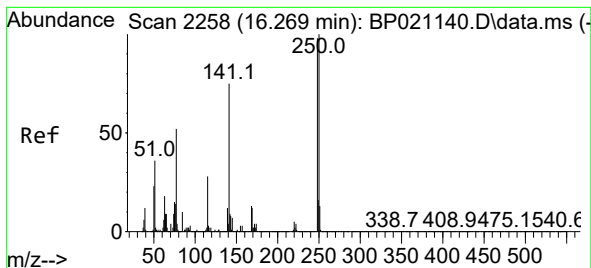
Tgt Ion:198 Resp: 167257
 Ion Ratio Lower Upper
 198 100
 182 4.8 3.8 5.6
 77 24.1 20.0 30.0



#67
 N-Nitrosodiphenylamine
 Concen: 29.042 ng/ul
 RT: 15.593 min Scan# 2143
 Delta R.T. 0.006 min
 Lab File: BP021148.D
 Acq: 25 Jul 2024 15:13

Tgt Ion:169 Resp: 792217
 Ion Ratio Lower Upper
 169 100
 168 67.6 53.4 80.2
 167 35.8 28.4 42.6

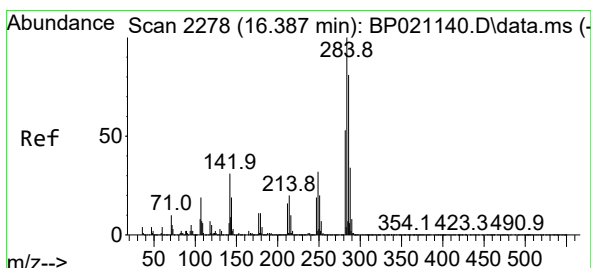
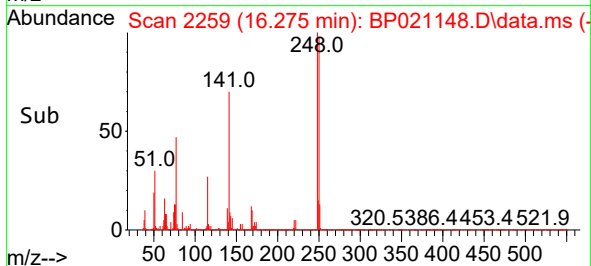
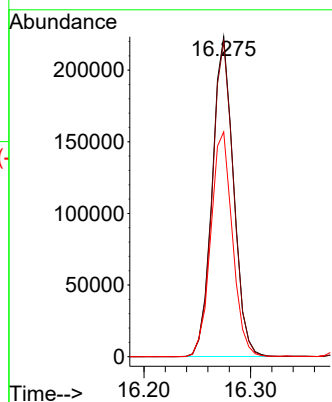
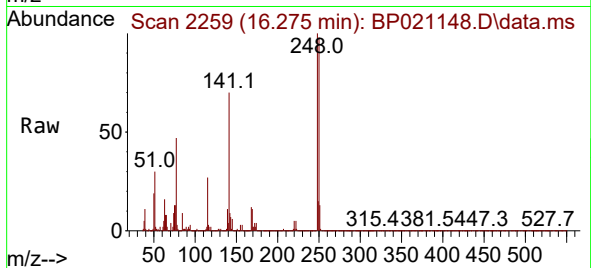




#68
4-Bromophenyl-phenylether
Concen: 28.200 ng/ul
RT: 16.275 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP021148.D
Acq: 25 Jul 2024 15:13

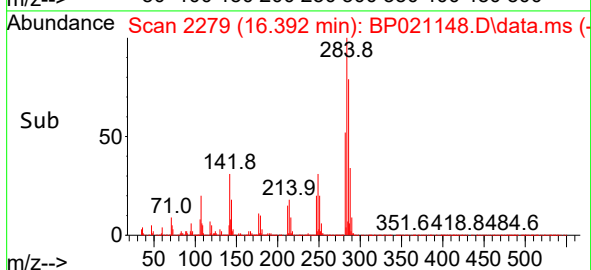
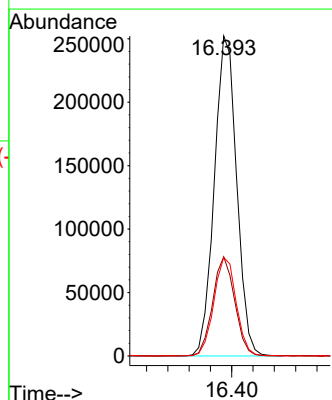
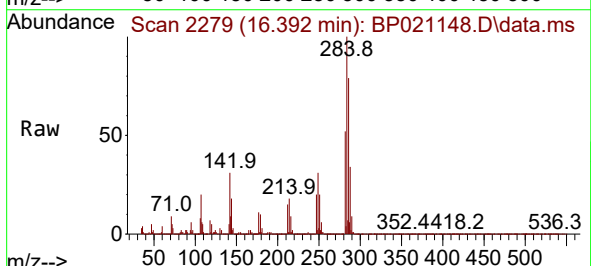
Instrument :
BNA_P
ClientSampleId :
SLCS259

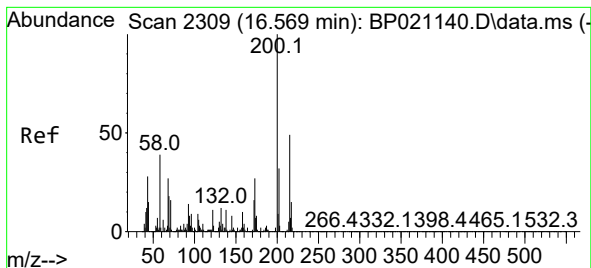
Tgt Ion:248 Resp: 309630
Ion Ratio Lower Upper
248 100
250 98.5 79.3 118.9
141 70.3 57.4 86.0



#69
Hexachlorobenzene
Concen: 29.131 ng/ul
RT: 16.392 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BP021148.D
Acq: 25 Jul 2024 15:13

Tgt Ion:284 Resp: 366747
Ion Ratio Lower Upper
284 100
142 31.0 25.8 38.8
249 30.8 25.1 37.7





#70

Atrazine

Concen: 4.339 ng/ul

RT: 16.575 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP021148.D

Acq: 25 Jul 2024 15:13

Instrument :

BNA_P

ClientSampleId :

SLCS259

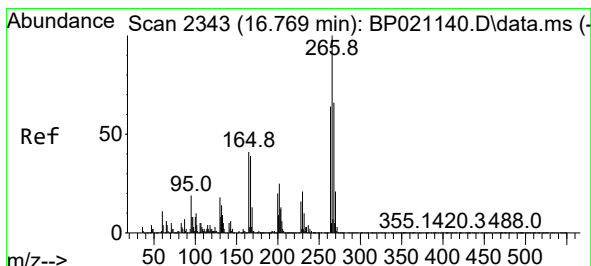
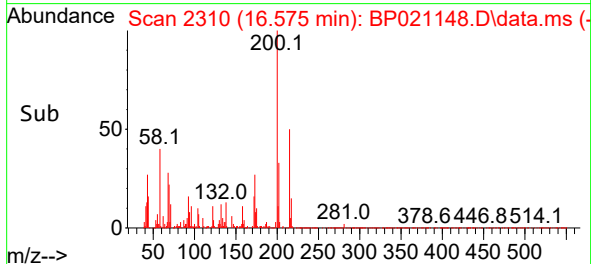
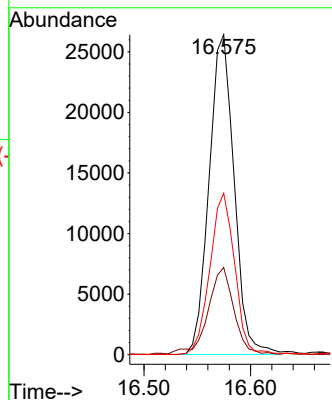
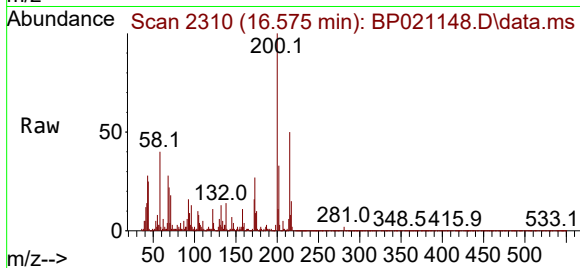
Tgt Ion:200 Resp: 43139

Ion Ratio Lower Upper

200 100

173 27.3 20.8 31.2

215 50.4 38.7 58.1



#71

Pentachlorophenol

Concen: 18.025 ng/ul

RT: 16.769 min Scan# 2343

Delta R.T. 0.006 min

Lab File: BP021148.D

Acq: 25 Jul 2024 15:13

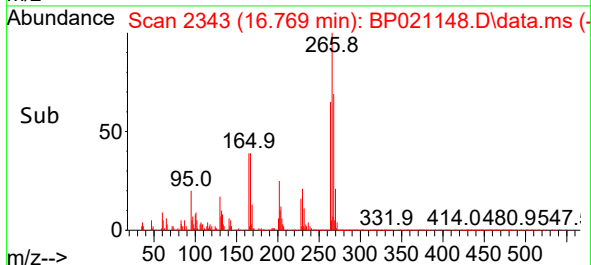
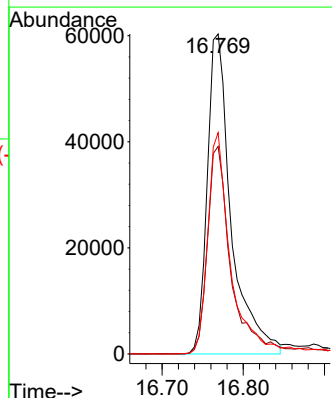
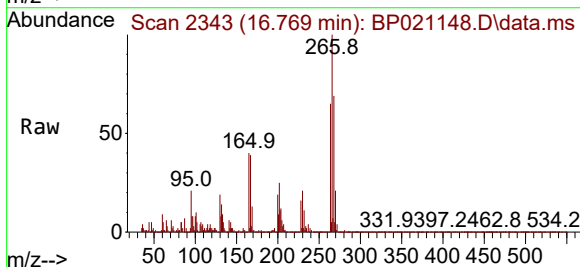
Tgt Ion:266 Resp: 123252

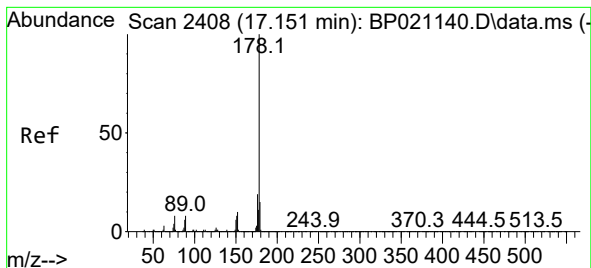
Ion Ratio Lower Upper

266 100

264 64.8 52.3 78.5

268 69.1 52.3 78.5





#72

Phenanthrene

Concen: 29.280 ng/ul

RT: 17.157 min Scan# 2408

Delta R.T. 0.012 min

Lab File: BP021148.D

Acq: 25 Jul 2024 15:13

Instrument :

BNA_P

ClientSampleId :

SLCS259

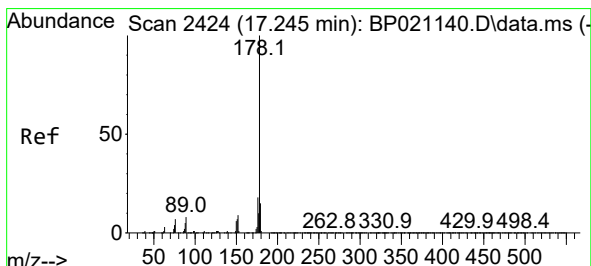
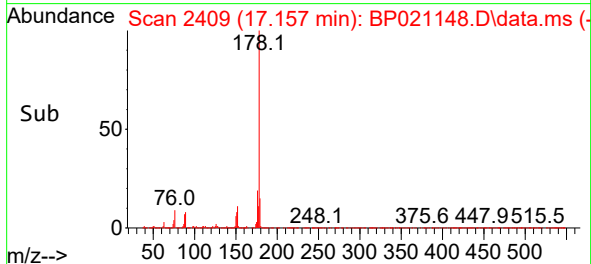
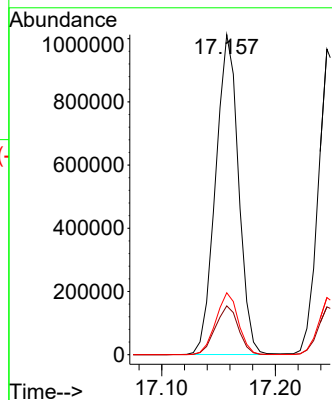
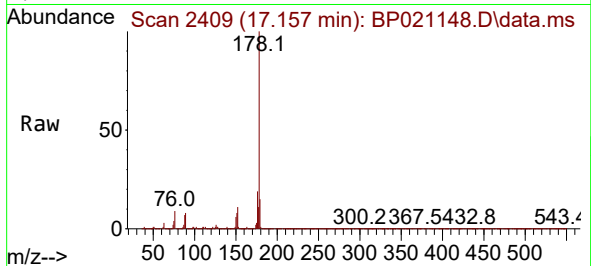
Tgt Ion:178 Resp: 1422855

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.4

176 19.4 15.0 22.4



#74

Anthracene

Concen: 28.251 ng/ul

RT: 17.245 min Scan# 2424

Delta R.T. 0.006 min

Lab File: BP021148.D

Acq: 25 Jul 2024 15:13

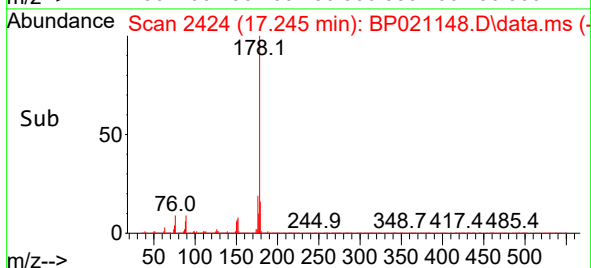
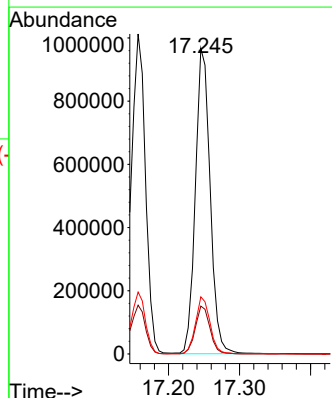
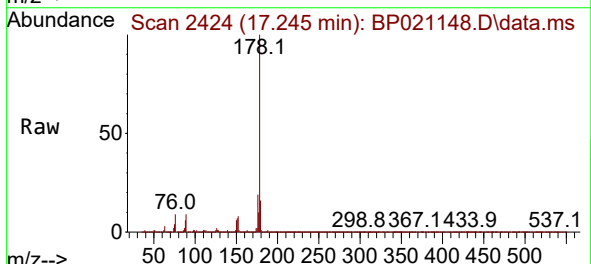
Tgt Ion:178 Resp: 1399561

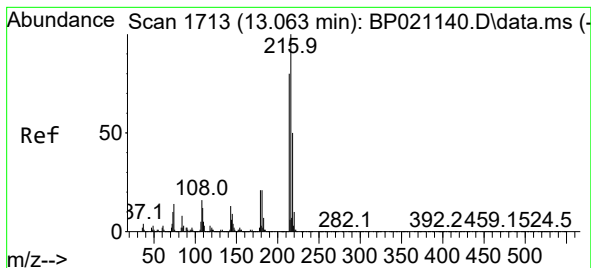
Ion Ratio Lower Upper

178 100

179 15.7 12.5 18.7

176 18.7 14.8 22.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 29.839 ng/uL

RT: 13.075 min Scan# 1715

Delta R.T. 0.000 min

Lab File: BP021148.D

Acq: 25 Jul 2024 15:13

Instrument :

BNA_P

ClientSampleId :

SLCS259

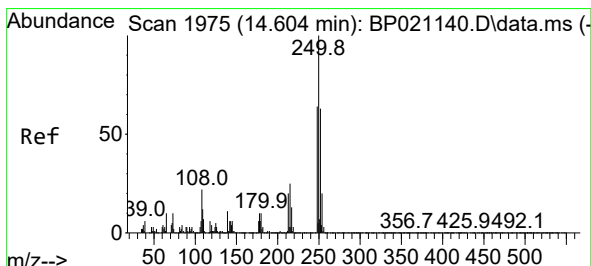
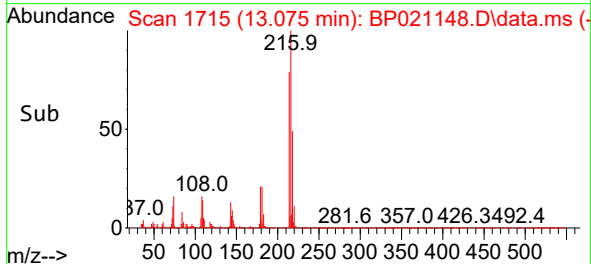
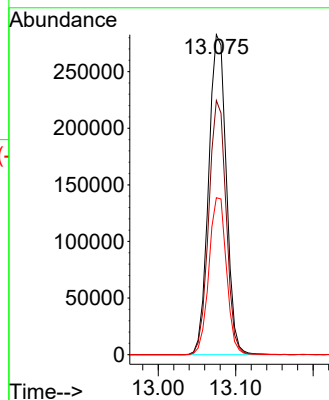
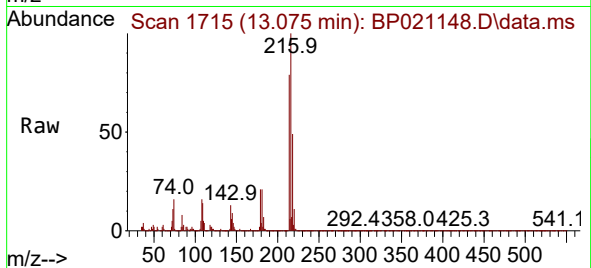
Tgt Ion:216 Resp: 447383

Ion Ratio Lower Upper

216 100

214 79.5 63.2 94.8

218 49.0 38.2 57.4



#76

Pentachlorobenzene

Concen: 28.615 ng/uL

RT: 14.622 min Scan# 1978

Delta R.T. 0.006 min

Lab File: BP021148.D

Acq: 25 Jul 2024 15:13

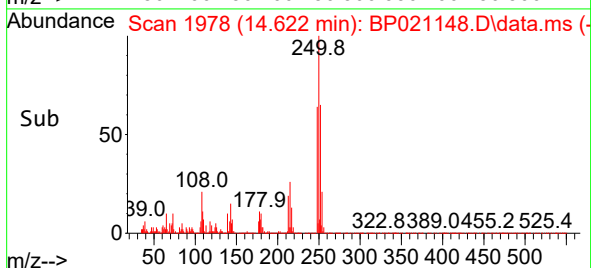
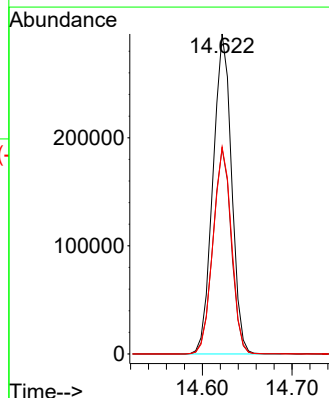
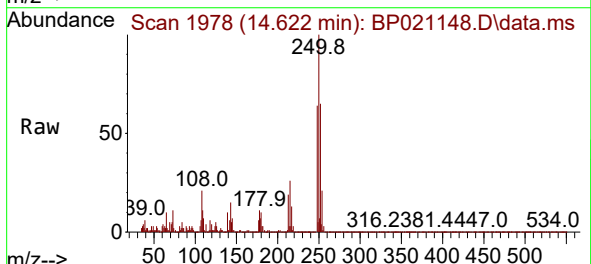
Tgt Ion:250 Resp: 426319

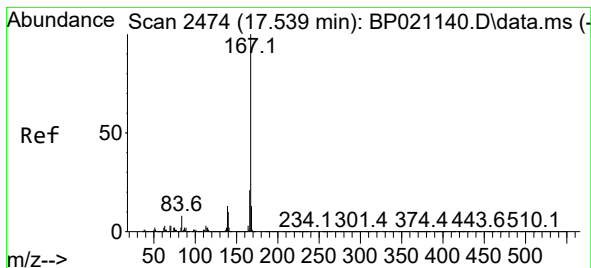
Ion Ratio Lower Upper

250 100

248 64.2 50.8 76.2

252 64.6 51.6 77.4





#77

Carbazole

Concen: 30.614 ng/ul

RT: 17.551 min Scan# 2474

Delta R.T. 0.012 min

Lab File: BP021148.D

Acq: 25 Jul 2024 15:13

Instrument :

BNA_P

ClientSampleId :

SLCS259

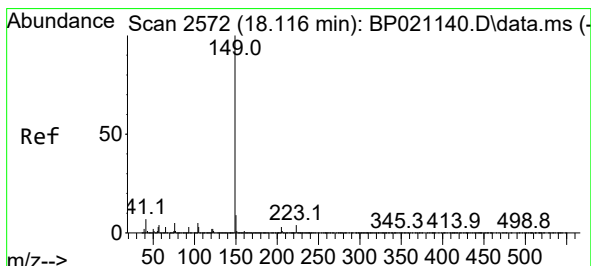
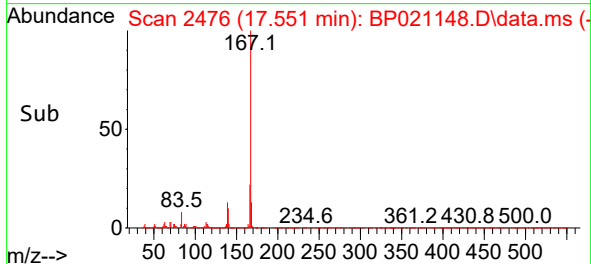
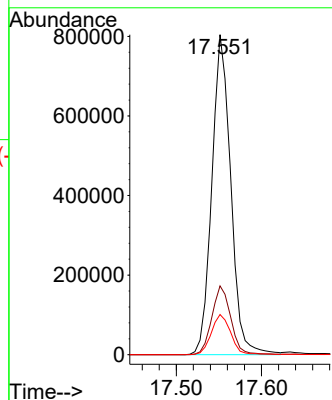
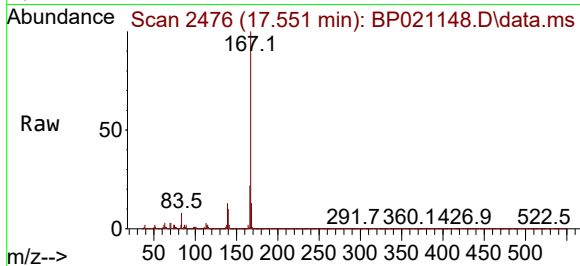
Tgt Ion:167 Resp: 1239819

Ion Ratio Lower Upper

167 100

166 21.5 17.3 25.9

139 12.5 10.2 15.2



#78

Di-n-butylphthalate

Concen: 27.828 ng/ul

RT: 18.110 min Scan# 2571

Delta R.T. 0.006 min

Lab File: BP021148.D

Acq: 25 Jul 2024 15:13

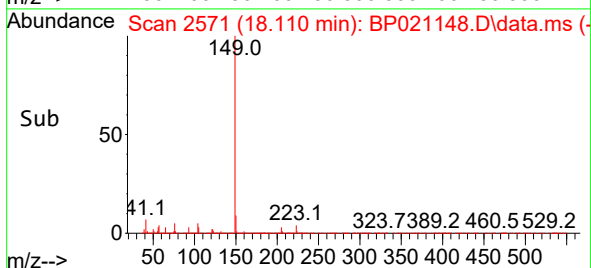
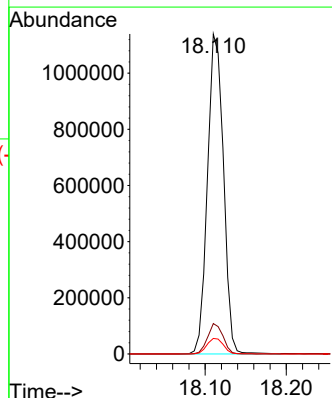
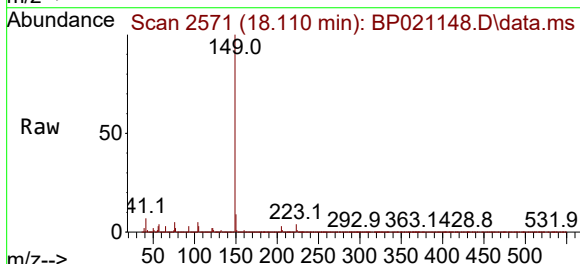
Tgt Ion:149 Resp: 1554846

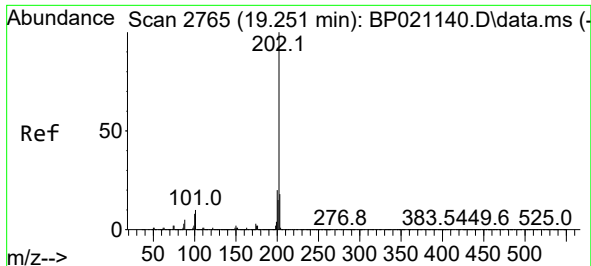
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.0

104 4.9 3.9 5.9

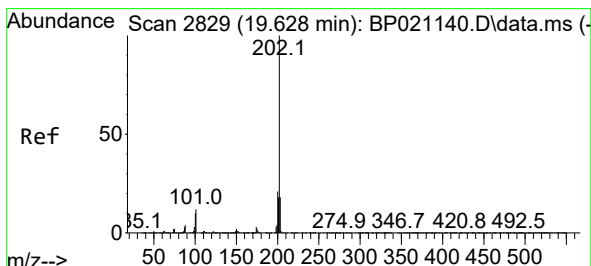
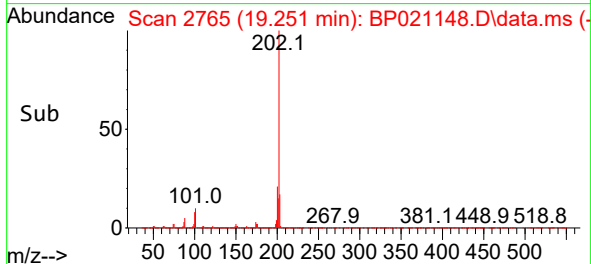
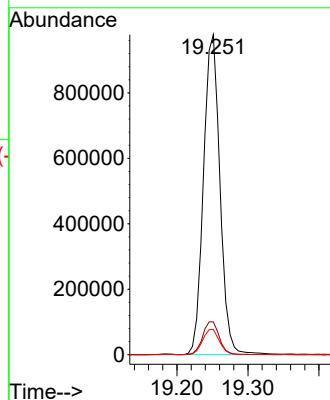
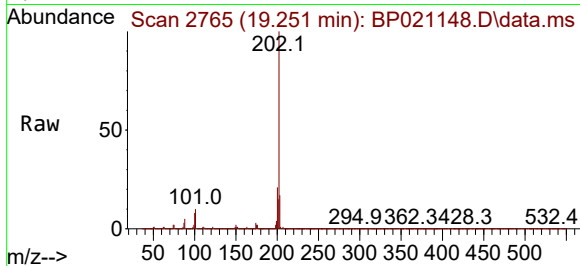




#80
Fluoranthene
Concen: 30.552 ng/ul
RT: 19.251 min Scan# 2765
Delta R.T. 0.006 min
Lab File: BP021148.D
Acq: 25 Jul 2024 15:13

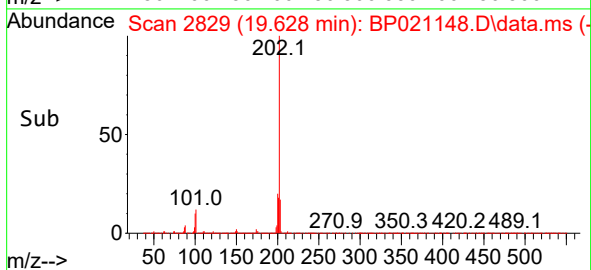
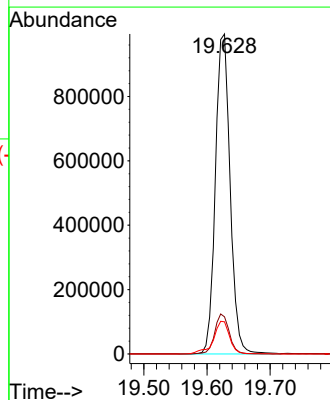
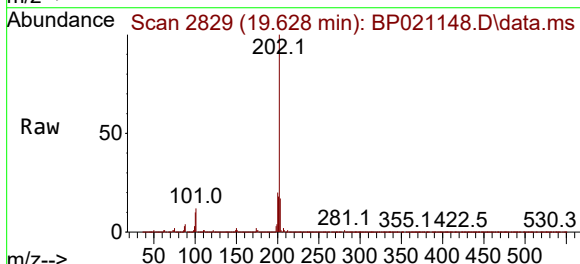
Instrument :
BNA_P
ClientSampleId :
SLCS259

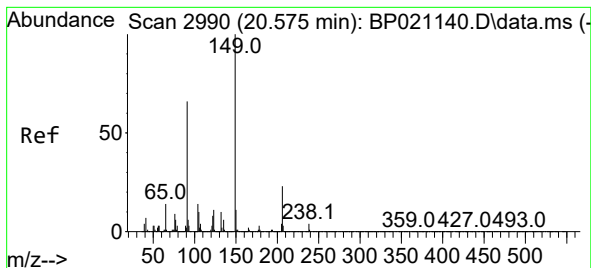
Tgt Ion:202 Resp: 1578368
Ion Ratio Lower Upper
202 100
101 10.3 8.0 12.0
100 7.9 6.1 9.1



#82
Pyrene
Concen: 30.573 ng/ul
RT: 19.628 min Scan# 2829
Delta R.T. 0.012 min
Lab File: BP021148.D
Acq: 25 Jul 2024 15:13

Tgt Ion:202 Resp: 1607201
Ion Ratio Lower Upper
202 100
101 11.6 9.4 14.2
100 10.1 7.8 11.6





#83

Butylbenzylphthalate

Concen: 28.527 ng/ul

RT: 20.569 min Scan# 2990

Delta R.T. 0.006 min

Lab File: BP021148.D

Acq: 25 Jul 2024 15:13

Instrument :

BNA_P

ClientSampleId :

SLCS259

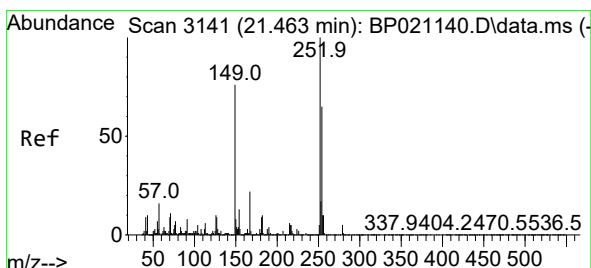
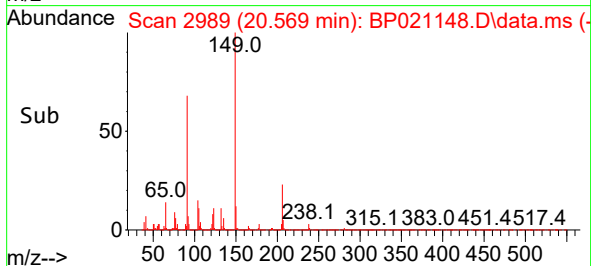
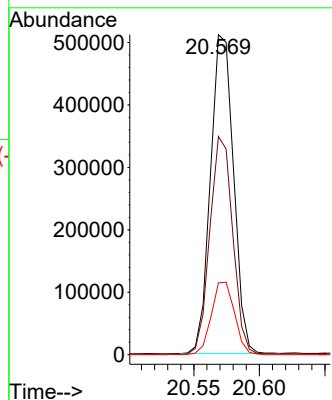
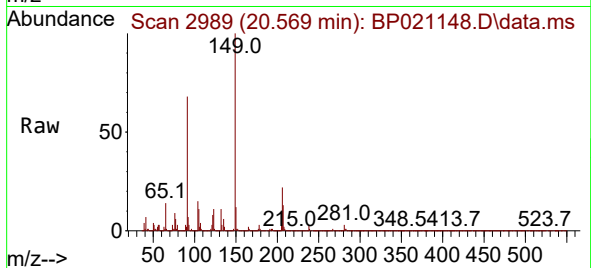
Tgt Ion:149 Resp: 624837

Ion Ratio Lower Upper

149 100

91 68.2 54.1 81.1

206 22.5 17.0 25.6



#84

3,3'-Dichlorobenzidine

Concen: 29.863 ng/ul

RT: 21.469 min Scan# 3142

Delta R.T. 0.006 min

Lab File: BP021148.D

Acq: 25 Jul 2024 15:13

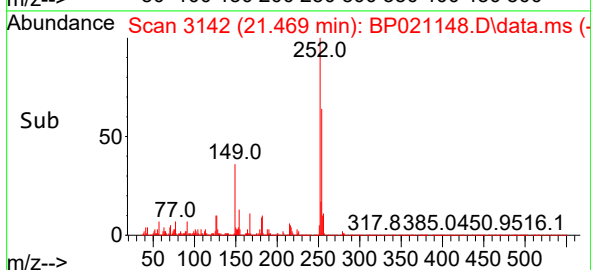
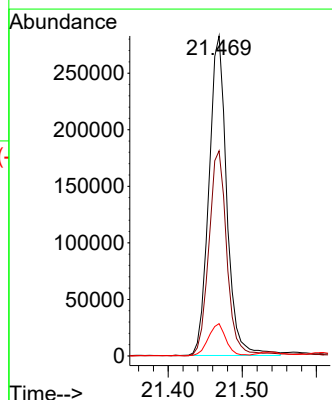
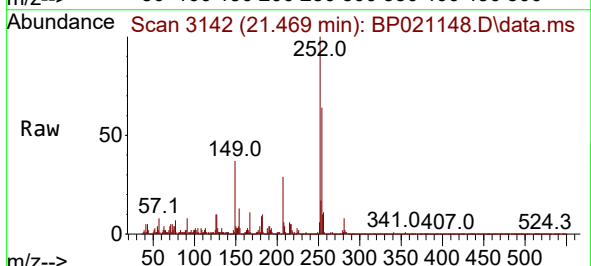
Tgt Ion:252 Resp: 472175

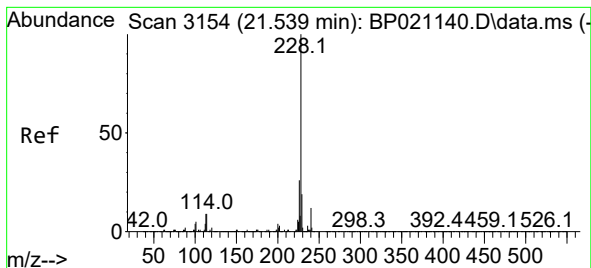
Ion Ratio Lower Upper

252 100

254 64.1 51.5 77.3

126 10.1 8.0 12.0





#85

Benzo(a)anthracene

Concen: 29.230 ng/ul

RT: 21.539 min Scan# 3154

Delta R.T. 0.006 min

Lab File: BP021148.D

Acq: 25 Jul 2024 15:13

Instrument :

BNA_P

ClientSampleId :

SLCS259

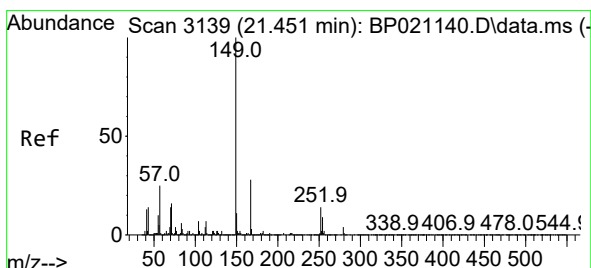
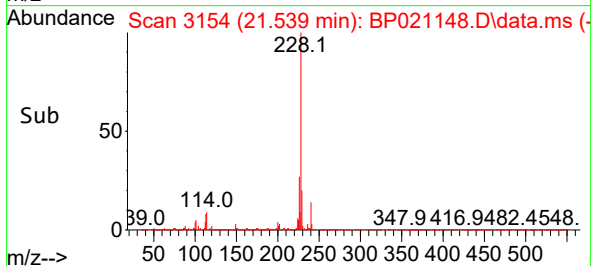
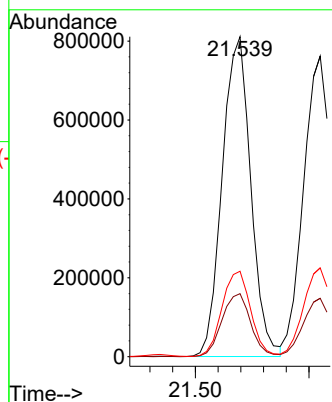
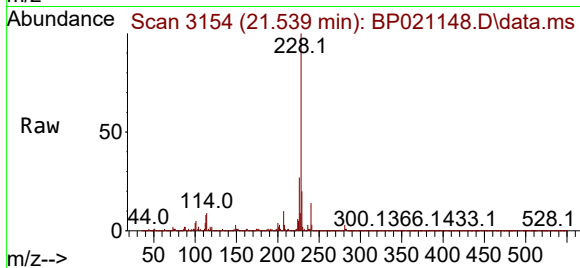
Tgt Ion:228 Resp: 1416788

Ion Ratio Lower Upper

228 100

229 19.7 15.5 23.3

226 26.7 21.4 32.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 27.206 ng/ul

RT: 21.451 min Scan# 3139

Delta R.T. 0.000 min

Lab File: BP021148.D

Acq: 25 Jul 2024 15:13

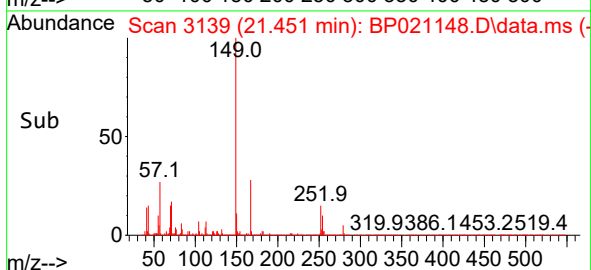
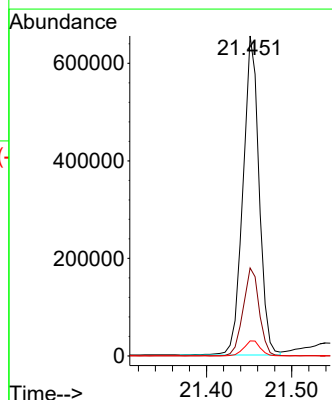
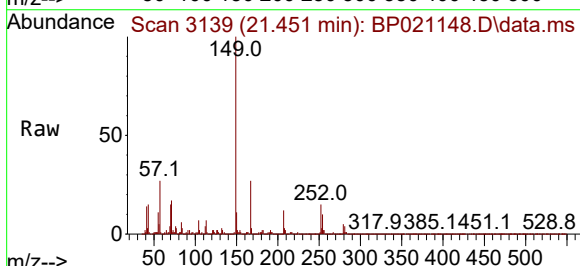
Tgt Ion:149 Resp: 857536

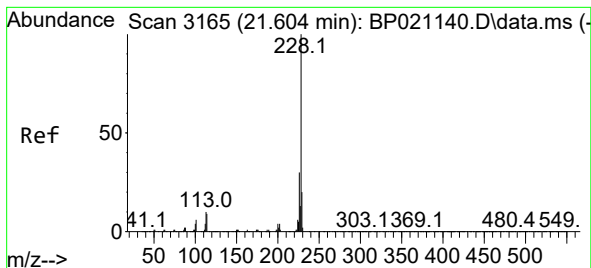
Ion Ratio Lower Upper

149 100

167 27.5 22.1 33.1

279 4.7 3.7 5.5





#87

Chrysene

Concen: 29.739 ng/ul

RT: 21.610 min Scan# 3166

Delta R.T. 0.006 min

Lab File: BP021148.D

Acq: 25 Jul 2024 15:13

Instrument :

BNA_P

ClientSampleId :

SLCS259

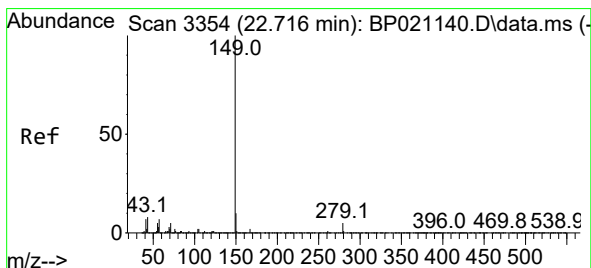
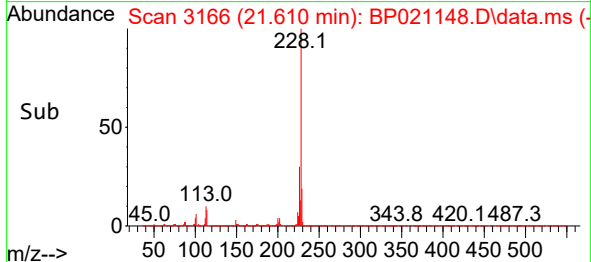
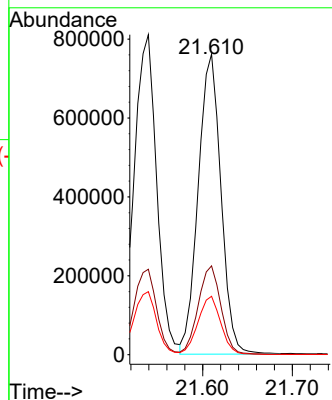
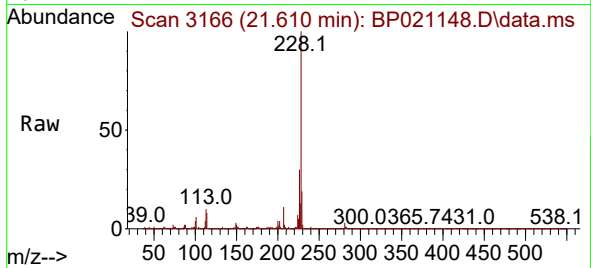
Tgt Ion:228 Resp: 1339434

Ion Ratio Lower Upper

228 100

226 29.6 23.6 35.4

229 19.4 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 23.040 ng/ul

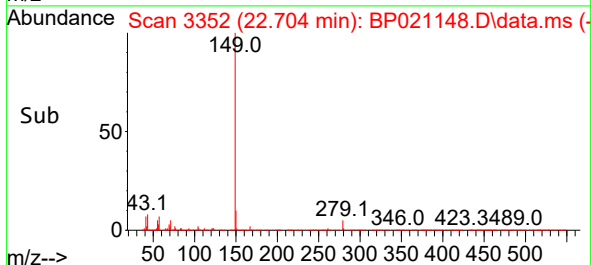
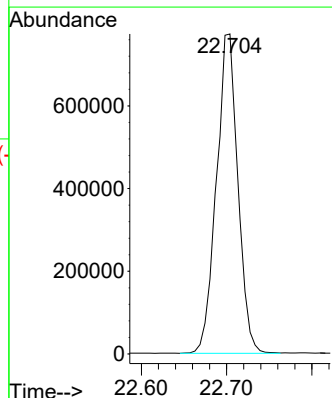
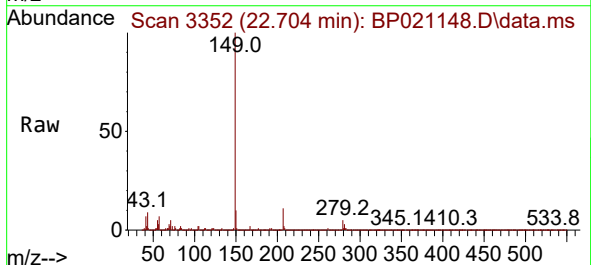
RT: 22.704 min Scan# 3352

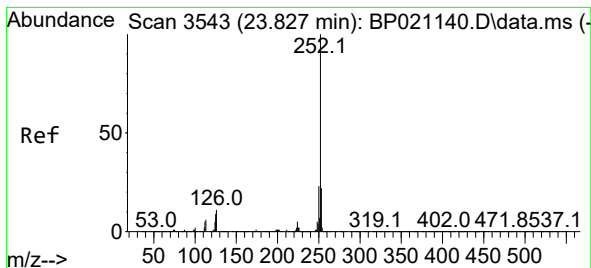
Delta R.T. 0.012 min

Lab File: BP021148.D

Acq: 25 Jul 2024 15:13

Tgt Ion:149 Resp: 1351955





#90

Benzo(b)fluoranthene

Concen: 27.489 ng/ul

RT: 23.816 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP021148.D

Acq: 25 Jul 2024 15:13

Instrument :

BNA_P

ClientSampleId :

SLCS259

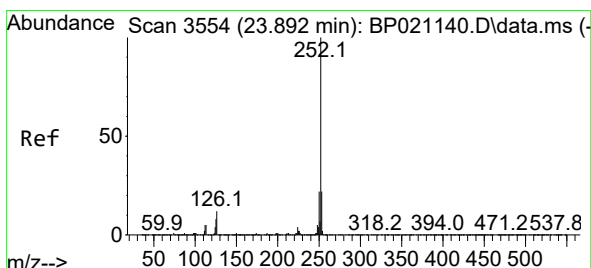
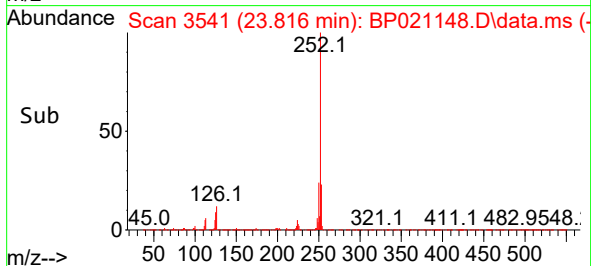
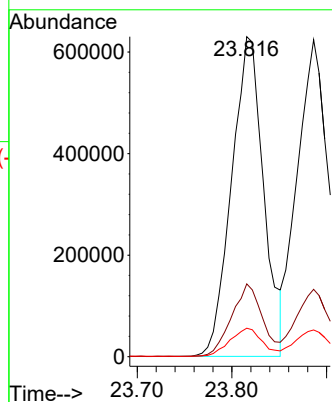
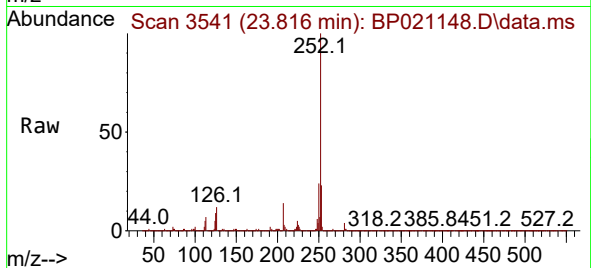
Tgt Ion:252 Resp: 1481736

Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

125 8.9 7.0 10.4



#91

Benzo(k)fluoranthene

Concen: 26.837 ng/ul

RT: 23.886 min Scan# 3553

Delta R.T. 0.000 min

Lab File: BP021148.D

Acq: 25 Jul 2024 15:13

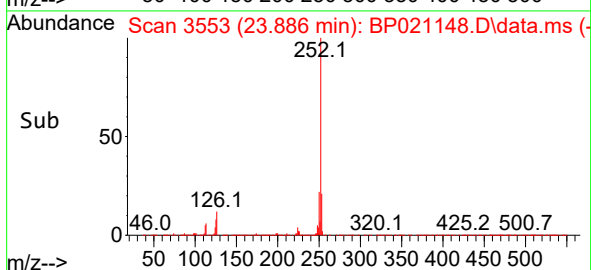
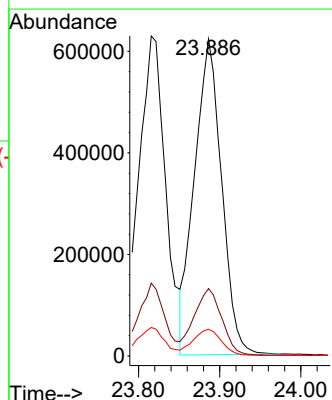
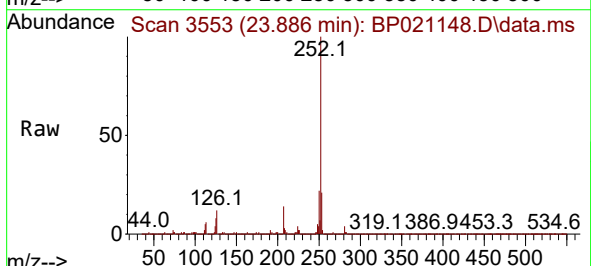
Tgt Ion:252 Resp: 1443687

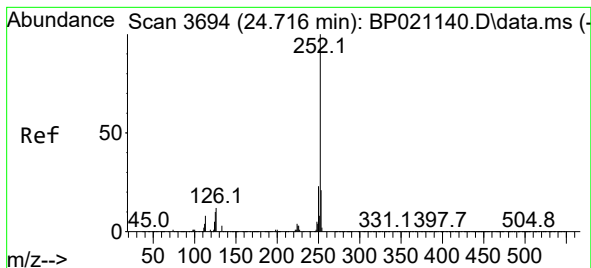
Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.2

125 8.5 7.4 11.0





#93

Benzo(a)pyrene

Concen: 27.711 ng/ul

RT: 24.710 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP021148.D

Acq: 25 Jul 2024 15:13

Instrument :

BNA_P

ClientSampleId :

SLCS259

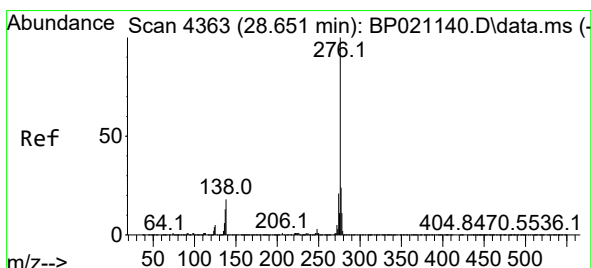
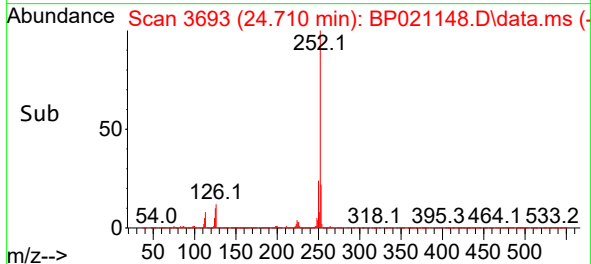
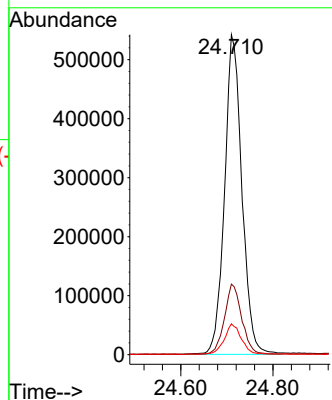
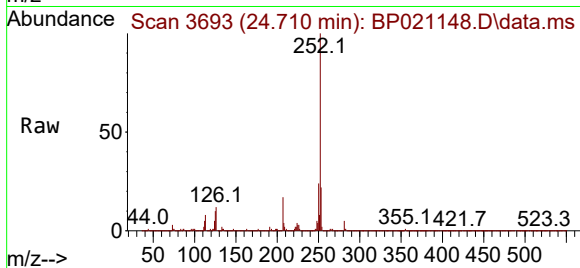
Tgt Ion:252 Resp: 1411524

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 9.6 7.7 11.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 32.515 ng/ul

RT: 28.645 min Scan# 4362

Delta R.T. 0.006 min

Lab File: BP021148.D

Acq: 25 Jul 2024 15:13

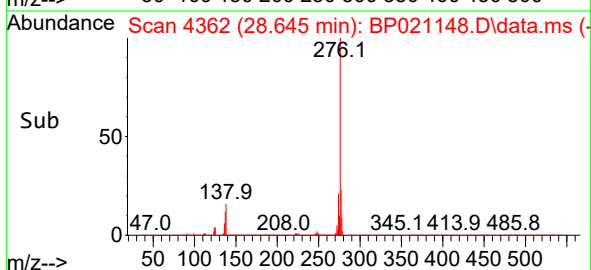
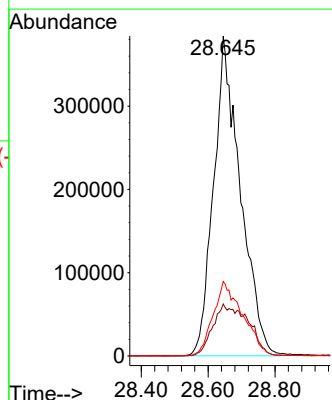
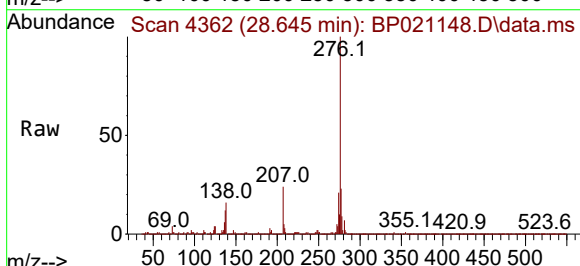
Tgt Ion:276 Resp: 2134185

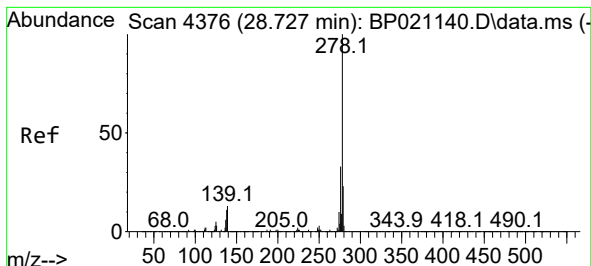
Ion Ratio Lower Upper

276 100

138 16.2 14.3 21.5

277 23.2 19.2 28.8





#95

Dibenzo(a,h)anthracene

Concen: 19.111 ng/ul

RT: 28.715 min Scan# 41

Delta R.T. 0.024 min

Lab File: BP021148.D

Acq: 25 Jul 2024 15:13

Instrument :

BNA_P

ClientSampleId :

SLCS259

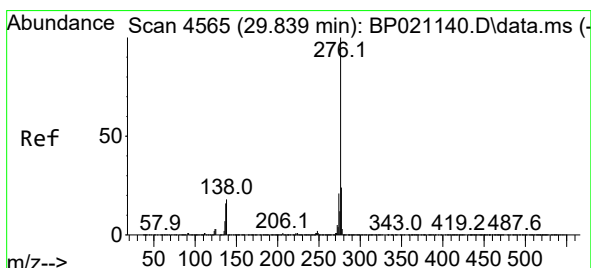
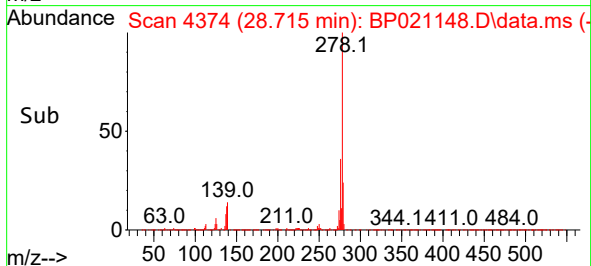
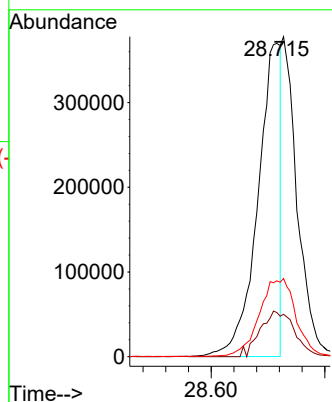
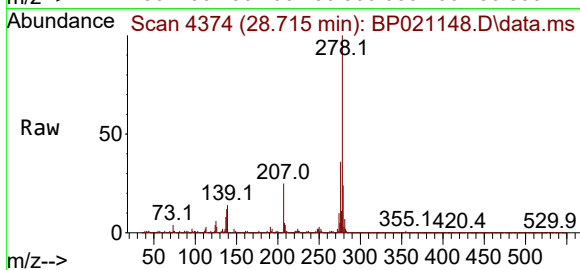
Tgt Ion:278 Resp: 1038758

Ion Ratio Lower Upper

278 100

139 14.1 10.9 16.3

279 24.2 19.4 29.0



#96

Benzo(g,h,i)perylene

Concen: 18.952 ng/ul

RT: 29.821 min Scan# 4562

Delta R.T. 0.012 min

Lab File: BP021148.D

Acq: 25 Jul 2024 15:13

Tgt Ion:276 Resp: 1013088

Ion Ratio Lower Upper

276 100

138 17.8 15.3 22.9

277 23.9 18.2 27.2

