

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
 Data File : BP020909.D
 Acq On : 11 Jul 2024 18:52
 Operator : MA/JU
 Sample : PB161883BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS883

Quant Time: Jul 11 23:05:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 10 18:38:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	200212	20.000	ng/u1	0.00
20) Naphthalene-d8	10.493	136	787608	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.351	164	495342	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.175	188	1052220	20.000	ng/u1	0.00
79) Chrysene-d12	21.627	240	1030977	20.000	ng/u1	0.00
88) Perylene-d12	24.974	264	1251730	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	23895	5.431	ng/uL	0.00
4) Pyridine-d5	3.675	84	312585	24.541	ng/u1	0.00
7) Phenol-d5	6.922	99	403696	24.732	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.064	67	241291	24.393	ng/u1	0.00
11) 2-Chlorophenol-d4	7.269	132	343853	25.568	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	319791	23.589	ng/u1	0.00
21) Nitrobenzene-d5	8.875	128	160055	26.164	ng/u1	0.00
24) 2-Nitrophenol-d4	9.587	143	187585	26.791	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	332730	26.280	ng/u1	0.01
31) 4-Chloroaniline-d4	10.640	131	398809	23.777	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	947309	26.308	ng/u1	0.00
49) Acenaphthylene-d8	14.045	160	1081128	26.739	ng/u1	0.00
54) 4-Nitrophenol-d4	14.616	143	151909	29.651	ng/u1	0.00
60) Fluorene-d10	15.363	176	803623	27.203	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.504	200	166778	26.196	ng/u1	0.00
73) Anthracene-d10	17.263	188	1255737	26.870	ng/u1	-0.01
81) Pyrene-d10	19.651	212	1520596	23.857	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.751	264	1683978	27.277	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	47193	9.753	ng/uL	95
5) Pyridine	3.693	79	308809	23.505	ng/u1	97
6) Benzaldehyde	6.893	77	232108	28.206	ng/u1	95
8) Phenol	6.952	94	403001	24.399	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.158	93	321729	23.579	ng/u1	99
12) 2-Chlorophenol	7.299	128	338424	25.108	ng/u1	98
13) 2-Methylphenol	8.175	108	298586	23.375	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.246	45	453626	23.012	ng/u1	98
16) Acetophenone	8.546	105	495851	23.698	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.522	70	244253	22.279	ng/u1	98
18) 4-Methylphenol	8.505	108	323603	23.647	ng/u1	97
19) Hexachloroethane	8.781	117	148131	24.456	ng/u1	99
22) Nitrobenzene	8.922	77	363246	24.788	ng/u1	99
23) Isophorone	9.440	82	673426	23.116	ng/u1	100
25) 2-Nitrophenol	9.622	139	189092	25.894	ng/u1	98
26) 2,4-Dimethylphenol	9.693	107	275247	19.115	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.905	93	414231	23.392	ng/u1	100
29) 2,4-Dichlorophenol	10.157	162	320924	25.720	ng/u1	98
30) Naphthalene	10.540	128	1030782	24.881	ng/u1	99
32) 4-Chloroaniline	10.663	127	340796	21.278	ng/u1	98
33) Hexachlorobutadiene	10.810	225	237407	25.375	ng/u1	97
34) Caprolactam	11.481	113	101319	26.359	ng/u1	95
35) 4-Chloro-3-methylphenol	11.804	107	344534	25.402	ng/u1	97
36) 2-Methylnaphthalene	12.151	142	697652	24.532	ng/u1	99

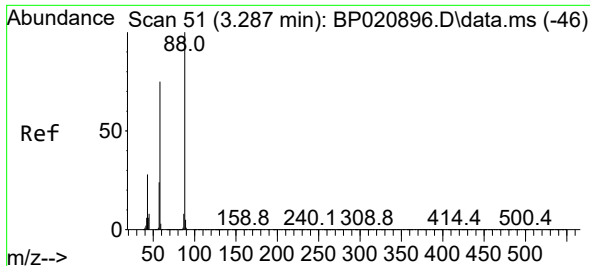
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 10 18:38:19 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.375	142	696045	23.798	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.522	216	420745	26.155	ng/ul	96
40) Hexachlorocyclopentadiene	12.487	237	113080	13.437	ng/ul	98
41) 2,4,6-Trichlorophenol	12.781	196	255310	25.117	ng/ul	97
42) 2,4,5-Trichlorophenol	12.857	196	277560	25.808	ng/ul	99
43) 1,1'-Biphenyl	13.175	154	910837	25.161	ng/ul	99
44) 2-Chloronaphthalene	13.216	162	731273	25.304	ng/ul	100
45) 2-Nitroaniline	13.446	65	220001	27.528	ng/ul	99
47) Dimethylphthalate	13.810	163	922127	25.238	ng/ul	100
48) 2,6-Dinitrotoluene	13.940	165	192034	26.289	ng/ul	97
50) Acenaphthylene	14.075	152	1155838	25.248	ng/ul	99
51) 3-Nitroaniline	14.275	138	189817	29.862	ng/ul	95
52) Acenaphthene	14.416	153	761766	25.071	ng/ul	99
53) 2,4-Dinitrophenol	14.498	184	103822	27.064	ng/ul	98
55) 4-Nitrophenol	14.628	109	124589	29.895	ng/ul	95
56) Dibenzofuran	14.757	168	1067868	25.665	ng/ul	97
57) 2,4-Dinitrotoluene	14.745	165	284433	28.365	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.998	232	222775	24.190	ng/ul	98
59) Diethylphthalate	15.198	149	950233	26.024	ng/ul	100
61) Fluorene	15.422	166	874547	25.757	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.416	204	459818	24.957	ng/ul	98
63) 4-Nitroaniline	15.457	138	197108	37.444	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.522	198	173377	25.680	ng/ul	97
67) N-Nitrosodiphenylamine	15.645	169	767164	25.037	ng/ul	99
68) 4-Bromophenyl-phenylether	16.339	248	304187	24.664	ng/ul	97
69) Hexachlorobenzene	16.451	284	355377	25.130	ng/ul	96
70) Atrazine	16.628	200	152169	13.627	ng/ul	99
71) Pentachlorophenol	16.810	266	176739	23.012	ng/ul	96
72) Phenanthrene	17.210	178	1400826	25.663	ng/ul	99
74) Anthracene	17.304	178	1419333	25.506	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.134	216	407608	24.203	ng/ul	99
76) Pentachlorobenzene	14.675	250	401480	23.991	ng/ul	100
77) Carbazole	17.598	167	1311892	28.839	ng/ul	99
78) Di-n-butylphthalate	18.175	149	1711490	27.270	ng/ul	100
80) Fluoranthene	19.304	202	1725121	22.412	ng/ul	100
82) Pyrene	19.686	202	1833559	23.409	ng/ul	99
83) Butylbenzylphthalate	20.633	149	781593	23.949	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.533	252	601258	25.522	ng/ul	99
85) Benzo(a)anthracene	21.610	228	1847279	25.578	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.527	149	1127935	24.016	ng/ul	100
87) Chrysene	21.680	228	1778212	26.498	ng/ul	99
89) Di-n-octyl phthalate	22.804	149	2116629	25.597	ng/ul	100
90) Benzo(b)fluoranthene	23.921	252	1932390	25.439	ng/ul	99
91) Benzo(k)fluoranthene	23.986	252	1940808	25.602	ng/ul	100
93) Benzo(a)pyrene	24.821	252	1706764	23.777	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.792	276	2386272	25.798	ng/ul	99
95) Dibenzo(a,h)anthracene	28.874	278	1971187	25.735	ng/ul	99
96) Benzo(g,h,i)perylene	29.968	276	1864728	24.754	ng/ul	98

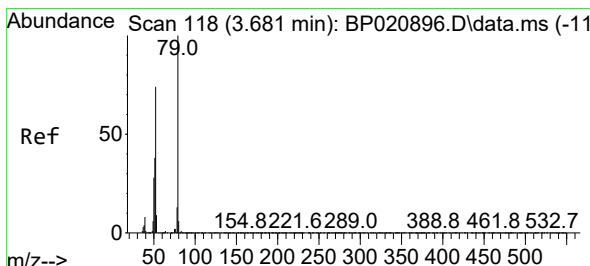
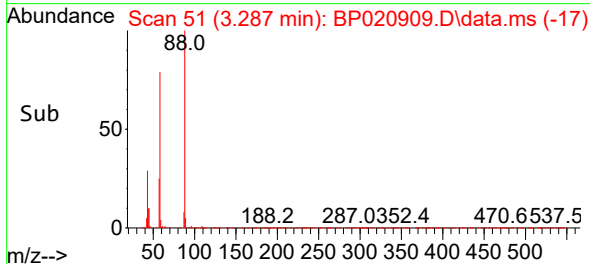
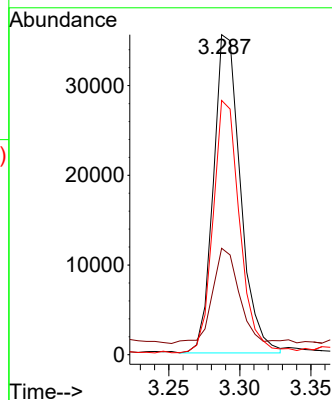
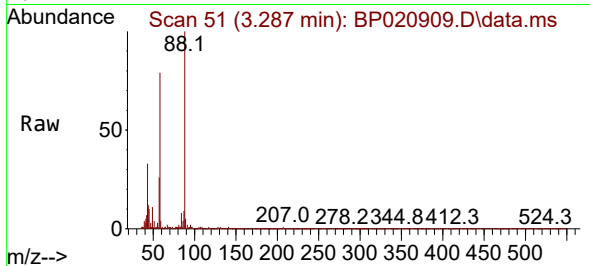
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#2
 1,4-Dioxane
 Concen: 9.753 ng/uL
 RT: 3.287 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: BP020909.D
 Acq: 11 Jul 2024 18:52

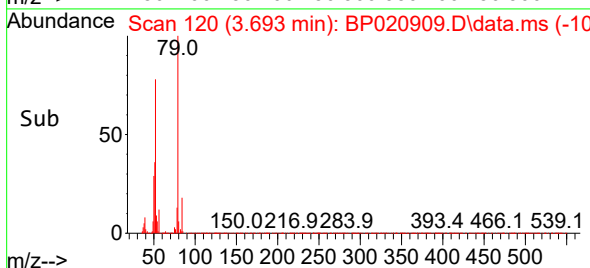
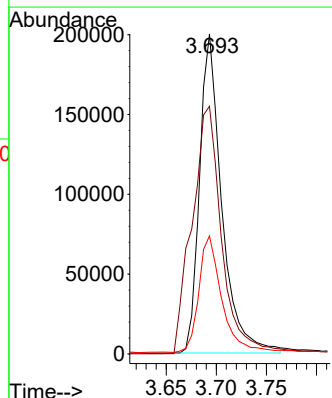
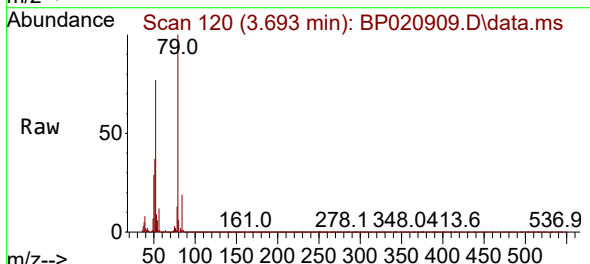
Instrument :
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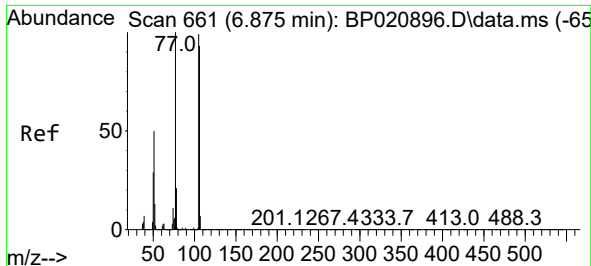
Tgt Ion:	88	Resp:	47193
Ion	Ratio	Lower	Upper
88	100		
43	33.2	25.4	38.0
58	79.4	59.2	88.8



#5
 Pyridine
 Concen: 23.505 ng/uL
 RT: 3.693 min Scan# 120
 Delta R.T. 0.006 min
 Lab File: BP020909.D
 Acq: 11 Jul 2024 18:52

Tgt Ion:	79	Resp:	308809
Ion	Ratio	Lower	Upper
79	100		
52	77.4	64.9	97.3
51	36.9	30.5	45.7

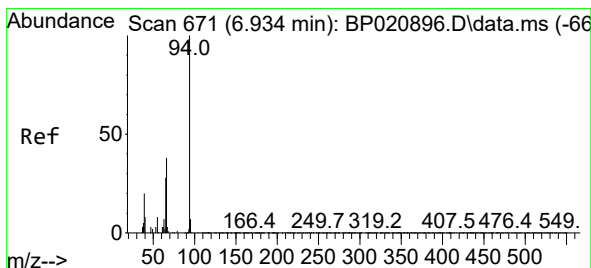
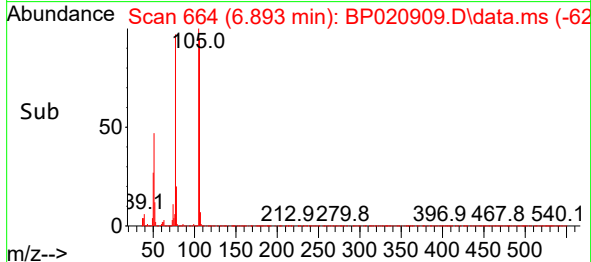
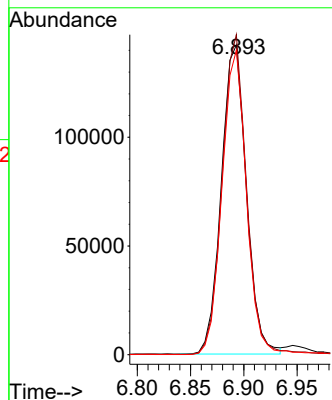
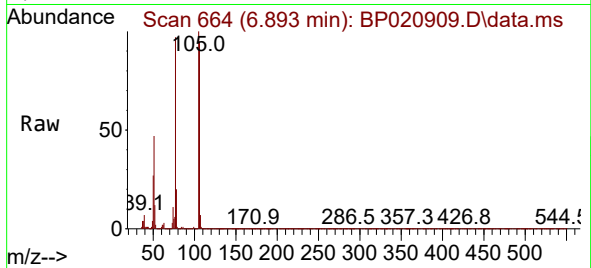




#6
Benzaldehyde
Concen: 28.206 ng/ul
RT: 6.893 min Scan# 661
Delta R.T. 0.006 min
Lab File: BP020909.D
Acq: 11 Jul 2024 18:52

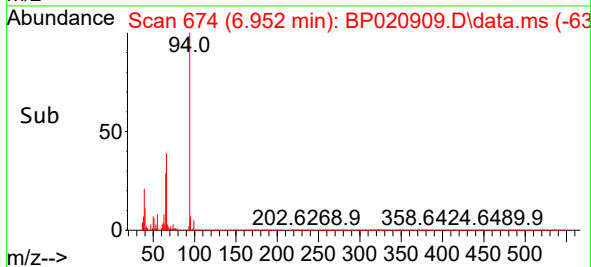
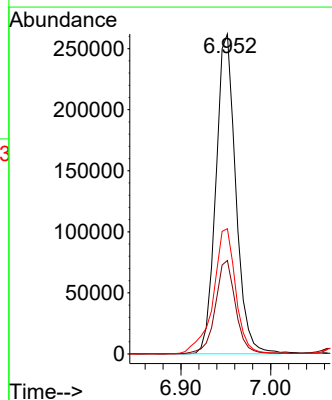
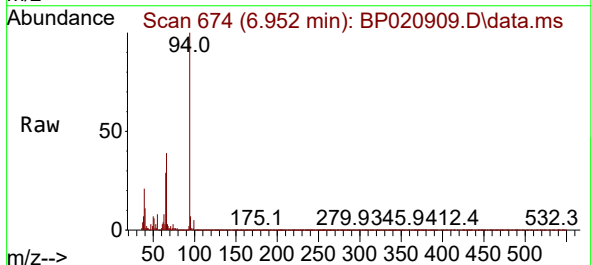
Instrument :
BNA_P
ClientSampleId :
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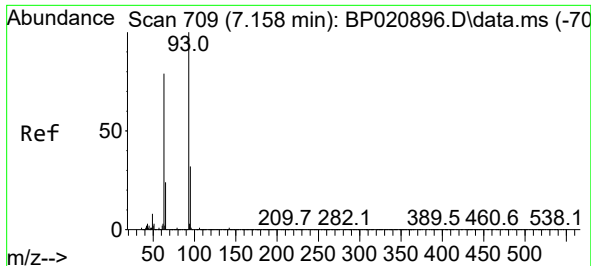
Tgt Ion: 77 Resp: 232108
Ion Ratio Lower Upper
77 100
105 103.3 79.3 118.9
106 98.3 74.6 112.0



#8
Phenol
Concen: 24.399 ng/ul
RT: 6.952 min Scan# 674
Delta R.T. 0.012 min
Lab File: BP020909.D
Acq: 11 Jul 2024 18:52

Tgt Ion: 94 Resp: 403001
Ion Ratio Lower Upper
94 100
65 29.2 23.4 35.0
66 39.1 33.9 50.9

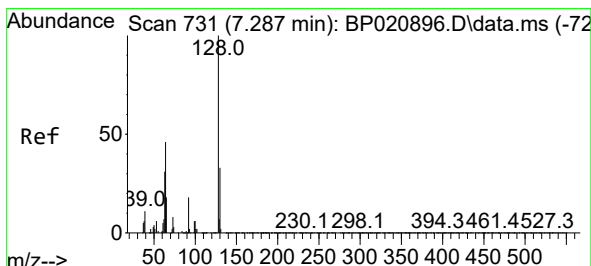
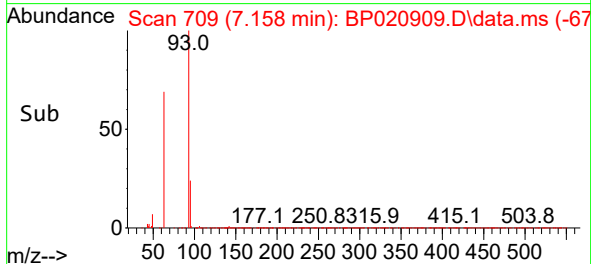
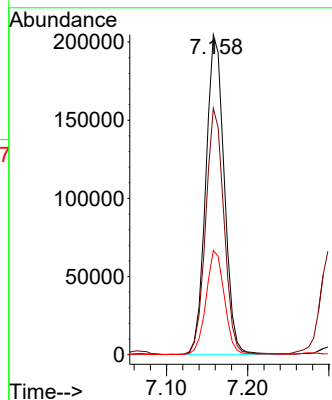
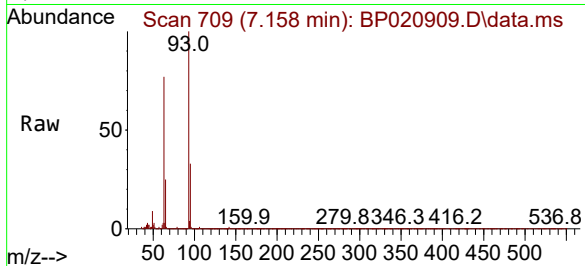




#10
Bis(2-Chloroethyl)ether
Concen: 23.579 ng/ul
RT: 7.158 min Scan# 709
Delta R.T. 0.006 min
Lab File: BP020909.D
Acq: 11 Jul 2024 18:52

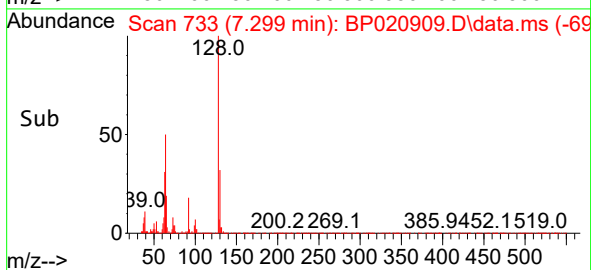
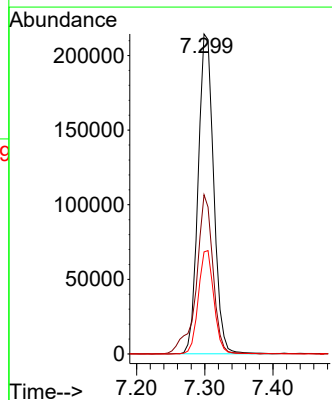
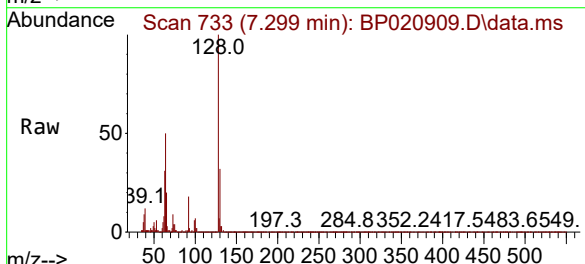
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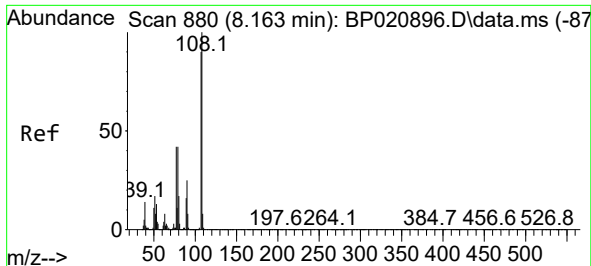
Tgt Ion: 93 Resp: 321729
Ion Ratio Lower Upper
93 100
63 77.0 61.5 92.3
95 32.6 25.1 37.7



#12
2-Chlorophenol
Concen: 25.108 ng/ul
RT: 7.299 min Scan# 733
Delta R.T. 0.000 min
Lab File: BP020909.D
Acq: 11 Jul 2024 18:52

Tgt Ion:128 Resp: 338424
Ion Ratio Lower Upper
128 100
64 49.7 37.9 56.9
130 31.9 25.6 38.4





#13

2-Methylphenol

Concen: 23.375 ng/ul

RT: 8.175 min Scan# 880

Delta R.T. 0.006 min

Lab File: BP020909.D

Acq: 11 Jul 2024 18:52

Instrument :

BNA_P

ClientSampleId :

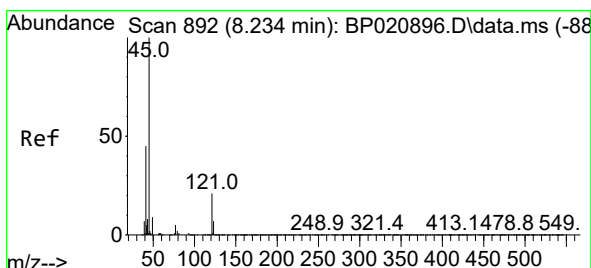
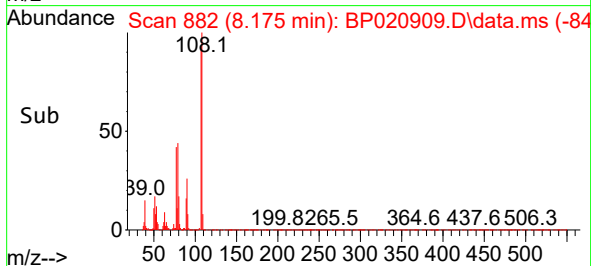
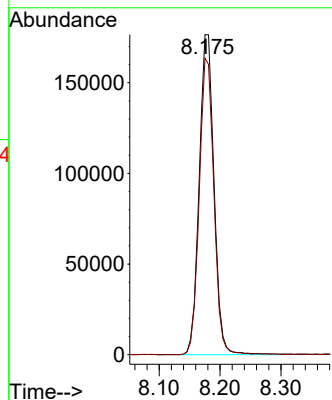
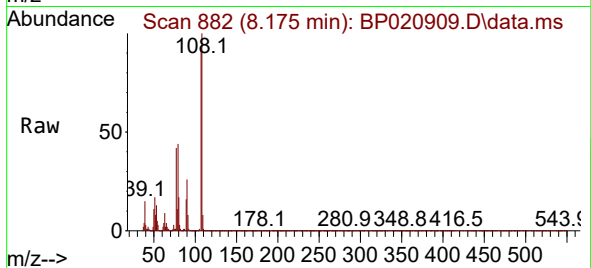
SLCS883

Tgt Ion:108 Resp: 298586

Ion Ratio Lower Upper

108 100

107 92.7 73.8 110.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 23.012 ng/ul

RT: 8.246 min Scan# 894

Delta R.T. 0.006 min

Lab File: BP020909.D

Acq: 11 Jul 2024 18:52

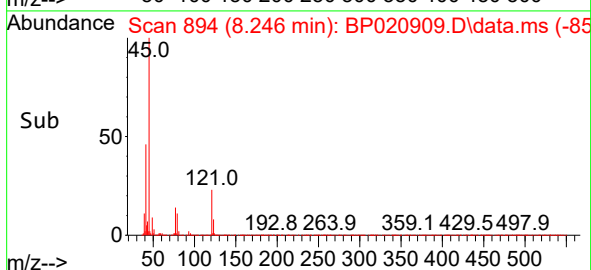
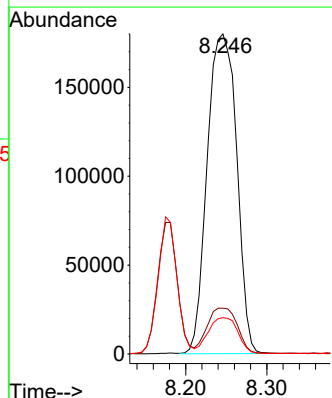
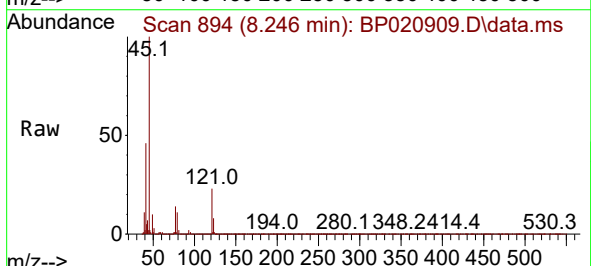
Tgt Ion: 45 Resp: 453626

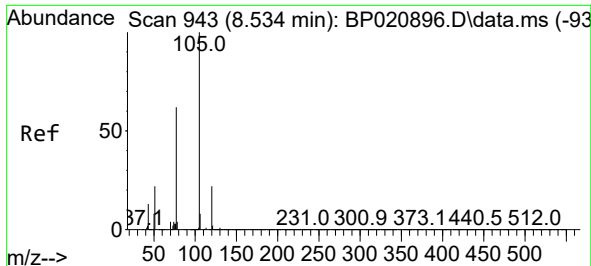
Ion Ratio Lower Upper

45 100

77 14.3 10.9 16.3

79 11.4 8.1 12.1

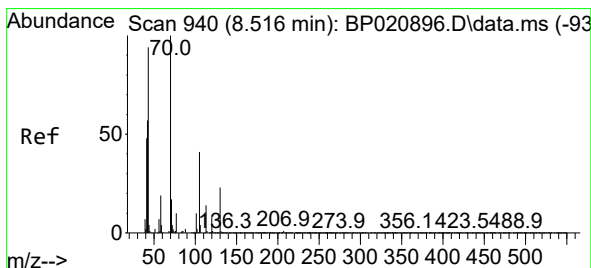
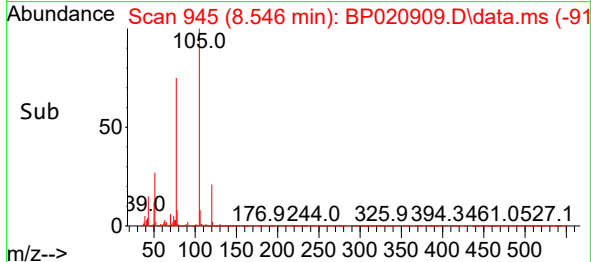
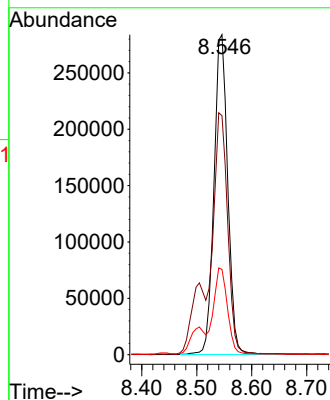
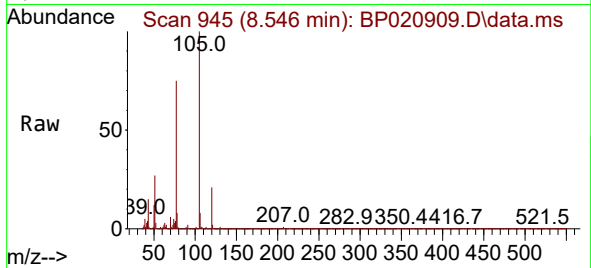




#16
Acetophenone
Concen: 23.698 ng/ul
RT: 8.546 min Scan# 944
Delta R.T. 0.006 min
Lab File: BP020909.D
Acq: 11 Jul 2024 18:52

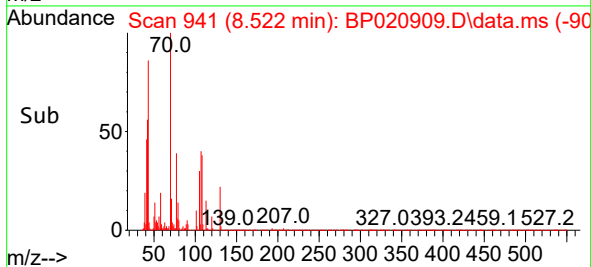
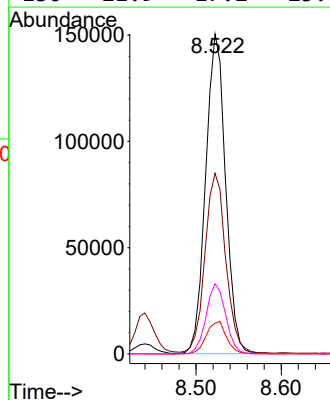
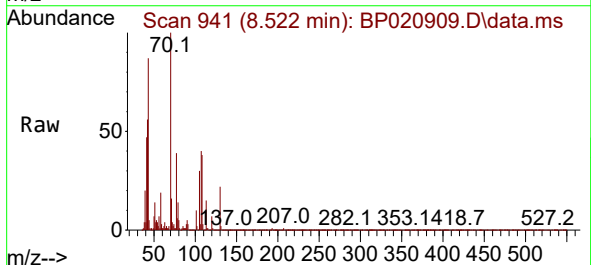
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ClientSampleId :
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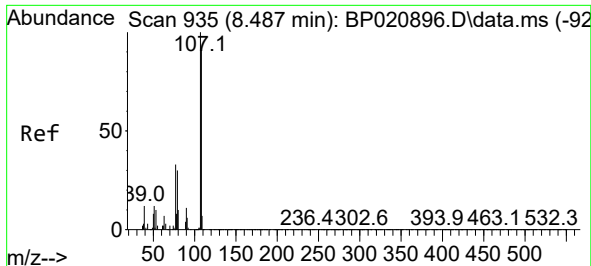
Tgt Ion:105 Resp: 495851
Ion Ratio Lower Upper
105 100
77 74.7 61.8 92.8
51 26.6 21.5 32.3



#17
N-Nitroso-di-n-propylamine
Concen: 22.279 ng/ul
RT: 8.522 min Scan# 941
Delta R.T. 0.006 min
Lab File: BP020909.D
Acq: 11 Jul 2024 18:52

Tgt Ion: 70 Resp: 244253
Ion Ratio Lower Upper
70 100
42 56.5 46.6 69.8
101 9.6 7.4 11.0
130 21.9 17.2 25.8

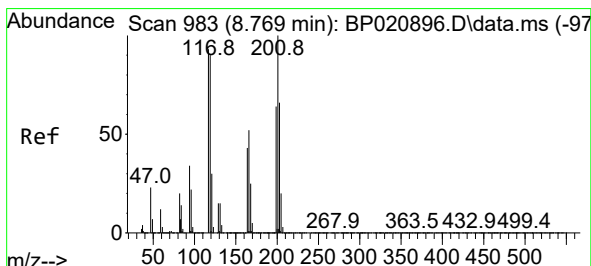
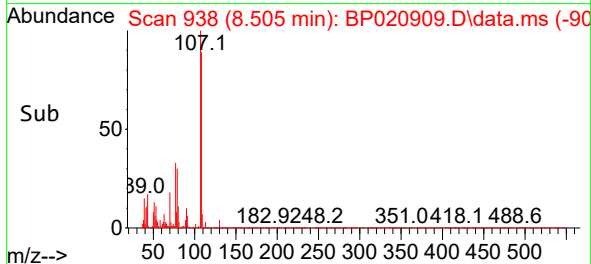
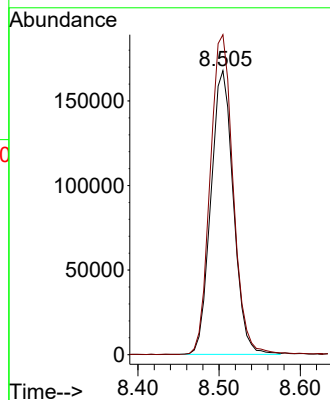
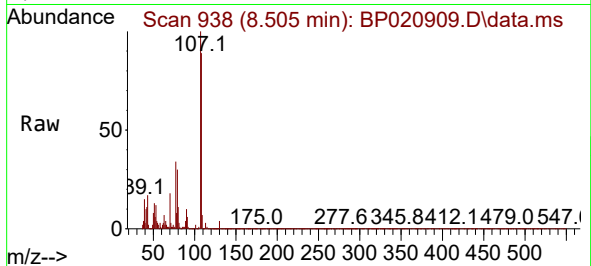




#18
4-Methylphenol
Concen: 23.647 ng/ul
RT: 8.505 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP020909.D
Acq: 11 Jul 2024 18:52

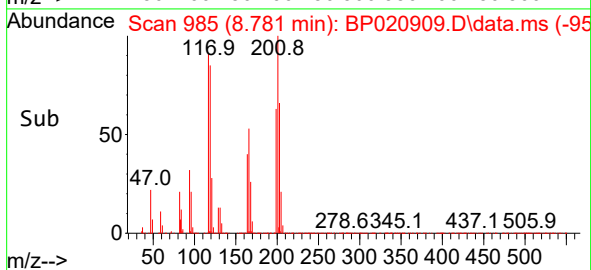
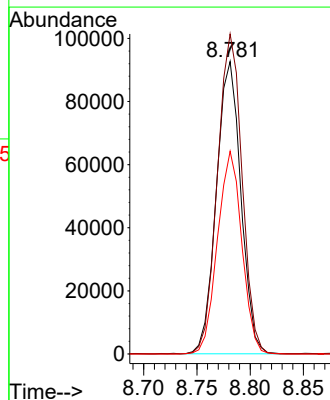
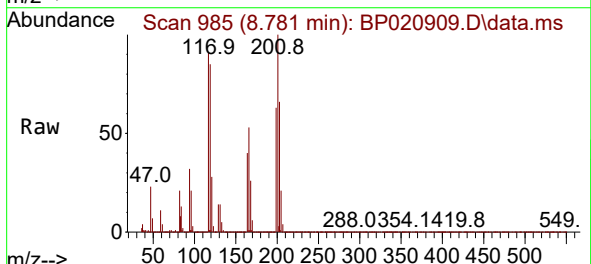
Instrument :
BNA_P
ClientSampleId :
SLCS883

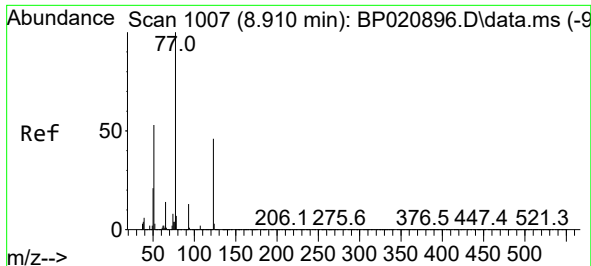
Tgt Ion:108 Resp: 323603
Ion Ratio Lower Upper
108 100
107 112.7 87.8 131.8



#19
Hexachloroethane
Concen: 24.456 ng/ul
RT: 8.781 min Scan# 985
Delta R.T. 0.000 min
Lab File: BP020909.D
Acq: 11 Jul 2024 18:52

Tgt Ion:117 Resp: 148131
Ion Ratio Lower Upper
117 100
201 109.4 88.2 132.2
199 69.4 55.8 83.6

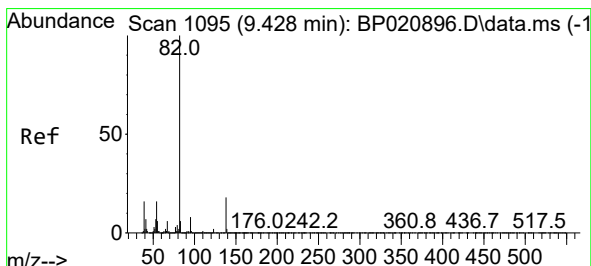
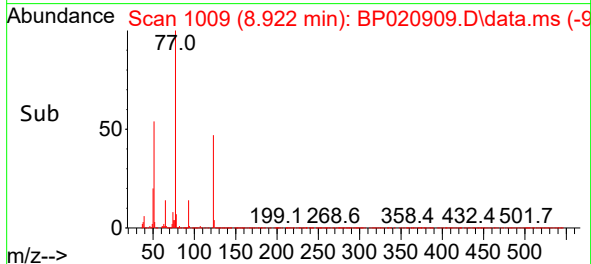
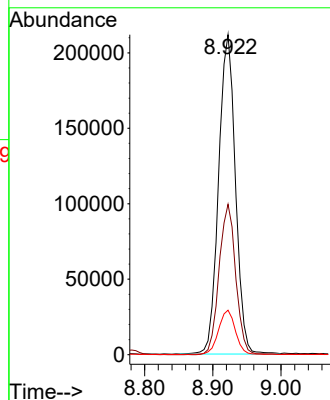
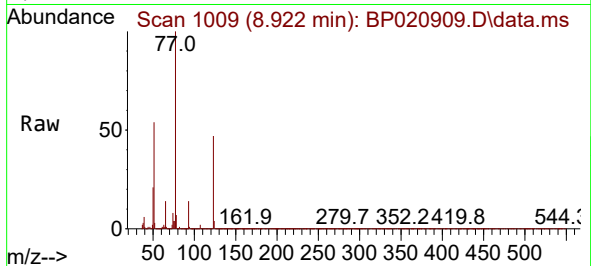




#22
Nitrobenzene
Concen: 24.788 ng/ul
RT: 8.922 min Scan# 1009
Delta R.T. 0.012 min
Lab File: BP020909.D
Acq: 11 Jul 2024 18:52

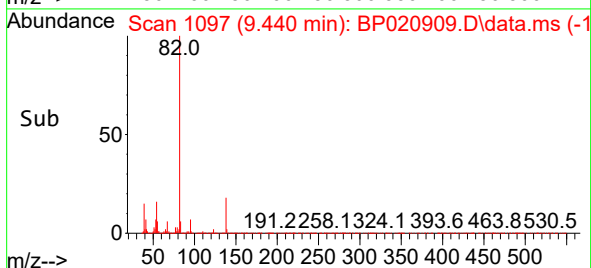
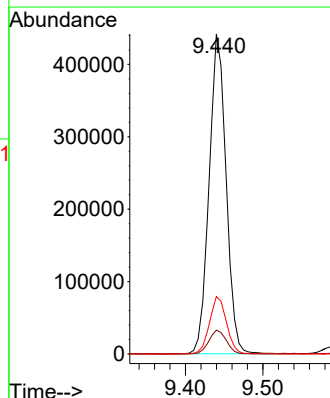
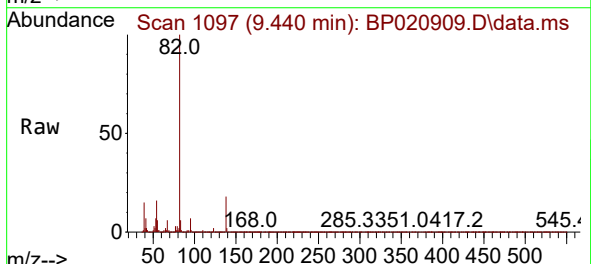
Instrument :
BNA_P
ClientSampleId :
SLCS883

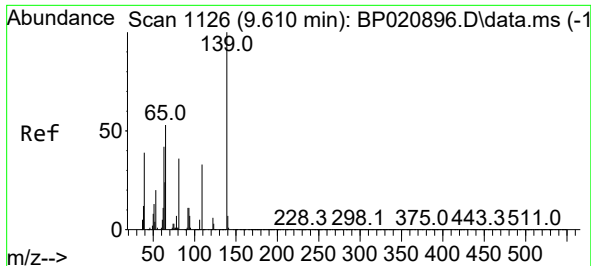
Tgt Ion: 77 Resp: 363246
Ion Ratio Lower Upper
77 100
123 47.0 36.7 55.1
65 13.9 11.1 16.7



#23
Isophorone
Concen: 23.116 ng/ul
RT: 9.440 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BP020909.D
Acq: 11 Jul 2024 18:52

Tgt Ion: 82 Resp: 673426
Ion Ratio Lower Upper
82 100
95 7.4 6.1 9.1
138 18.0 14.4 21.6

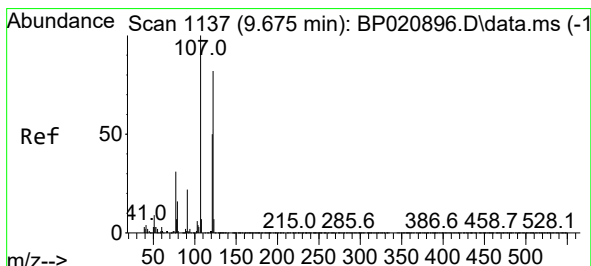
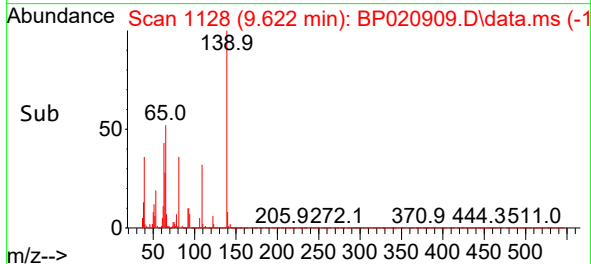
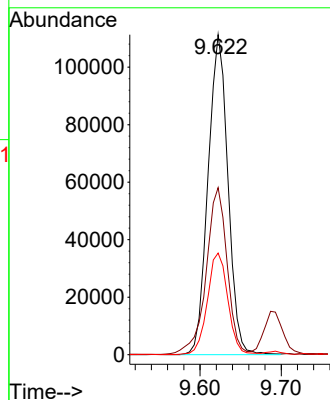
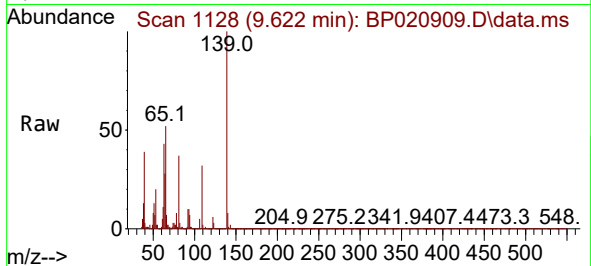




#25
2-Nitrophenol
Concen: 25.894 ng/ul
RT: 9.622 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BP020909.D
Acq: 11 Jul 2024 18:52

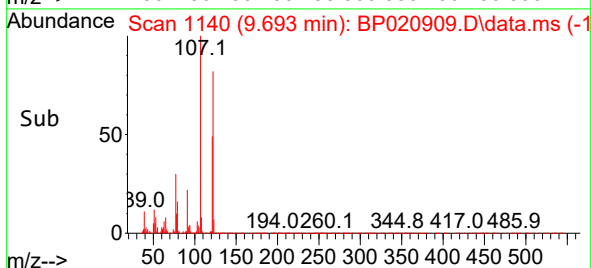
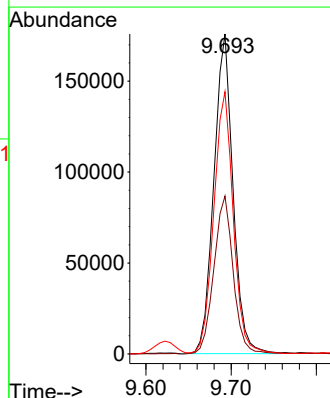
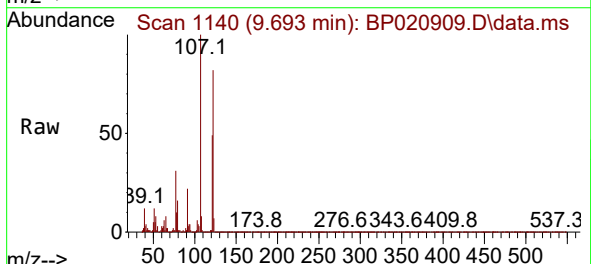
Instrument :
BNA_P
ClientSampleId :
SLCS883

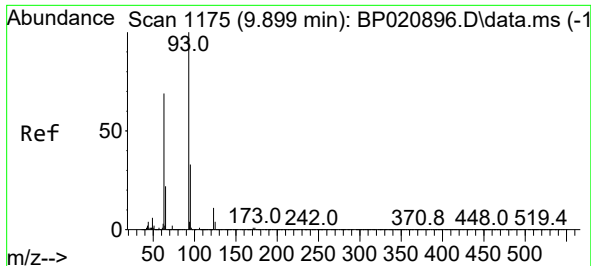
Tgt Ion:139 Resp: 189092
Ion Ratio Lower Upper
139 100
65 52.2 42.9 64.3
109 31.8 26.2 39.4



#26
2,4-Dimethylphenol
Concen: 19.115 ng/ul
RT: 9.693 min Scan# 1140
Delta R.T. 0.018 min
Lab File: BP020909.D
Acq: 11 Jul 2024 18:52

Tgt Ion:107 Resp: 275247
Ion Ratio Lower Upper
107 100
121 49.4 39.6 59.4
122 82.0 66.3 99.5





#27

Bis(2-Chloroethoxy)methane

Concen: 23.392 ng/ul

RT: 9.905 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BP020909.D

Acq: 11 Jul 2024 18:52

Instrument :

BNA_P

ClientSampleId :

SLCS883

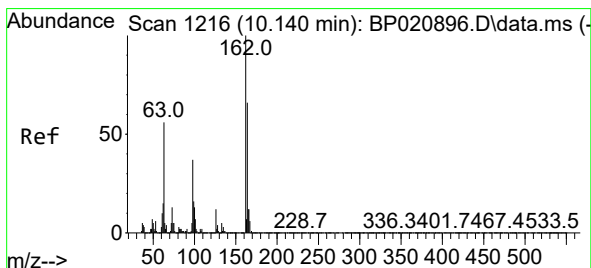
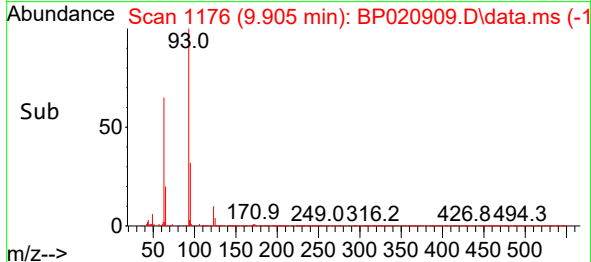
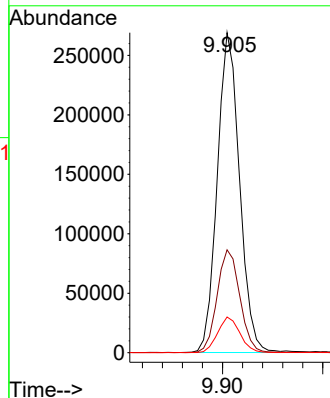
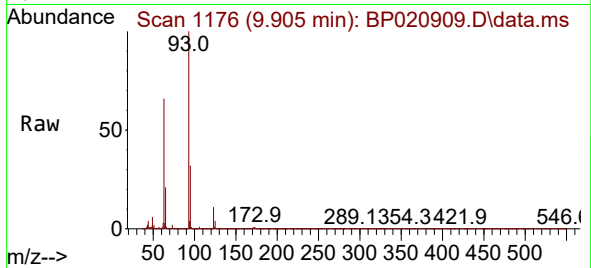
Tgt Ion: 93 Resp: 414231

Ion Ratio Lower Upper

93 100

95 32.2 25.5 38.3

123 11.1 9.0 13.4



#29

2,4-Dichlorophenol

Concen: 25.720 ng/ul

RT: 10.157 min Scan# 1219

Delta R.T. 0.006 min

Lab File: BP020909.D

Acq: 11 Jul 2024 18:52

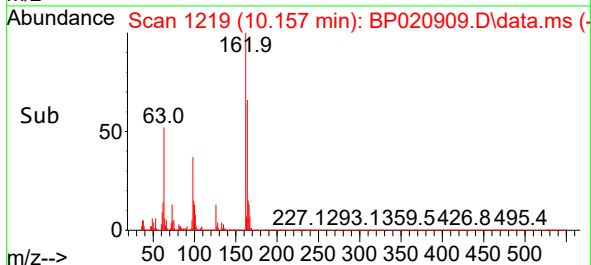
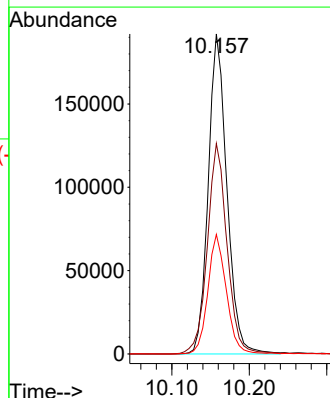
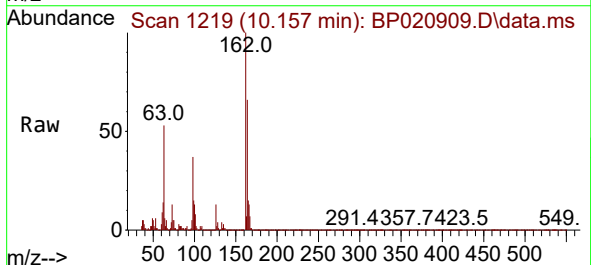
Tgt Ion:162 Resp: 320924

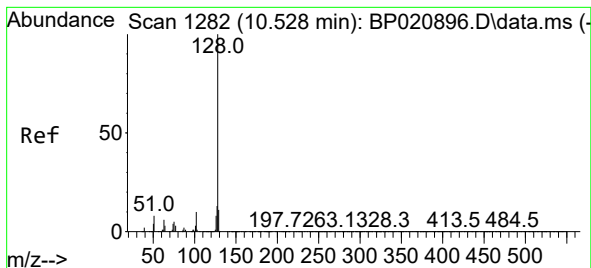
Ion Ratio Lower Upper

162 100

164 65.7 53.3 79.9

98 37.3 28.7 43.1

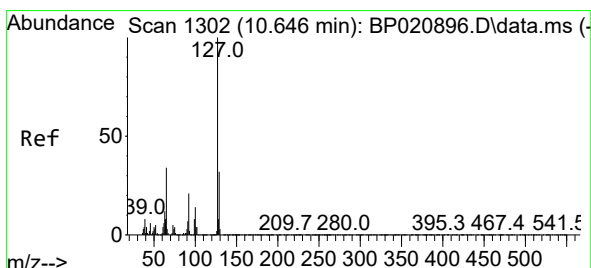
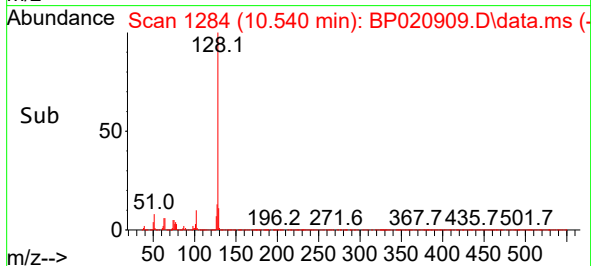
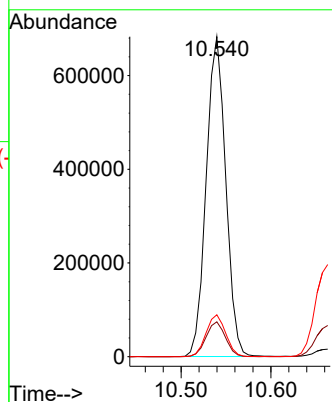
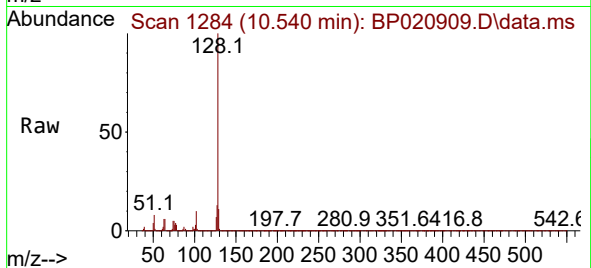




#30
Naphthalene
Concen: 24.881 ng/ul
RT: 10.540 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP020909.D
Acq: 11 Jul 2024 18:52

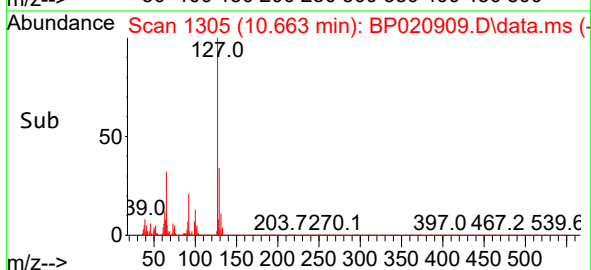
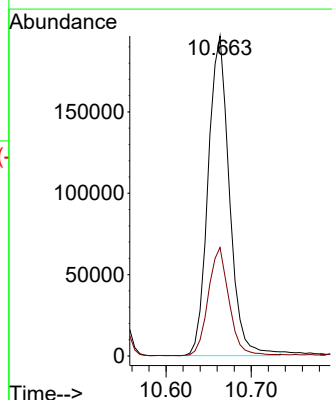
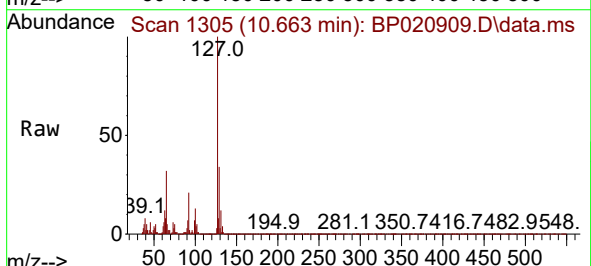
Instrument :
BNA_P
ClientSampleId :
SLCS883

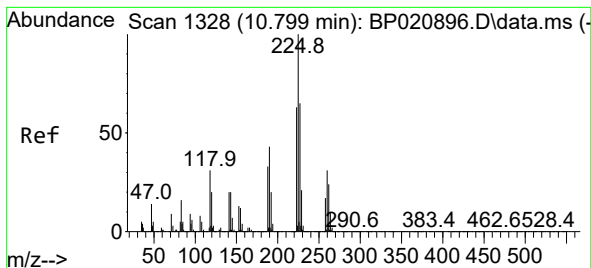
Tgt Ion:128 Resp: 1030782
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.1 10.8 16.2



#32
4-Chloroaniline
Concen: 21.278 ng/ul
RT: 10.663 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BP020909.D
Acq: 11 Jul 2024 18:52

Tgt Ion:127 Resp: 340796
Ion Ratio Lower Upper
127 100
129 33.9 26.1 39.1





#33

Hexachlorobutadiene

Concen: 25.375 ng/ul

RT: 10.810 min Scan# 1330

Delta R.T. 0.006 min

Lab File: BP020909.D

Acq: 11 Jul 2024 18:52

Instrument :

BNA_P

ClientSampleId :

SLCS883

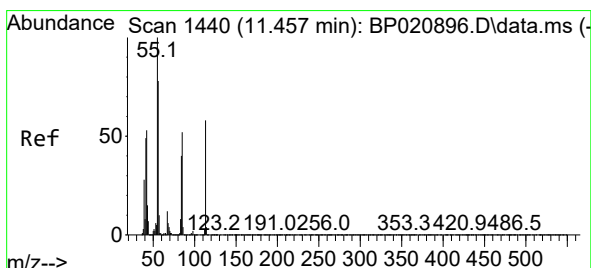
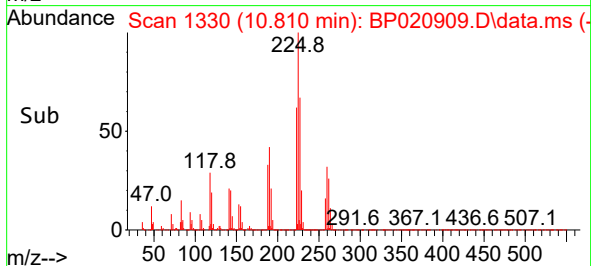
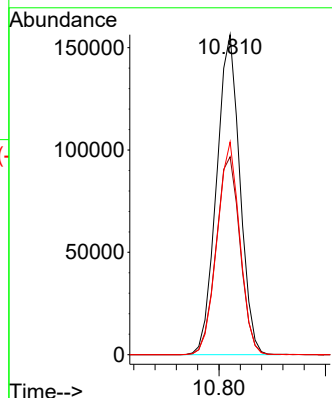
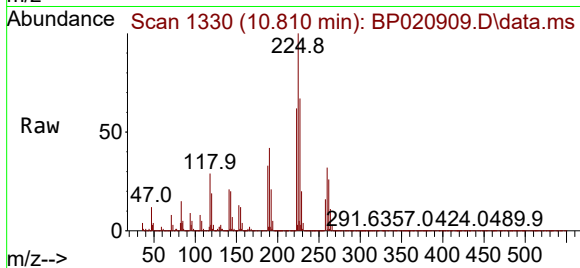
Tgt Ion:225 Resp: 237407

Ion Ratio Lower Upper

225 100

223 61.9 50.2 75.2

227 66.5 50.6 75.8



#34

Caprolactam

Concen: 26.359 ng/ul

RT: 11.481 min Scan# 1444

Delta R.T. 0.024 min

Lab File: BP020909.D

Acq: 11 Jul 2024 18:52

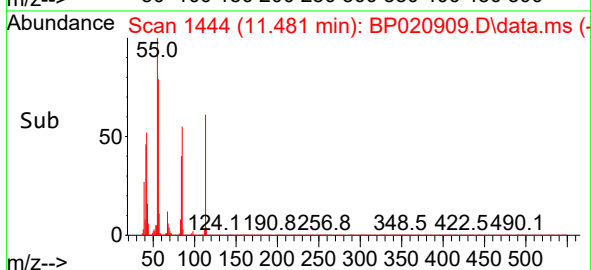
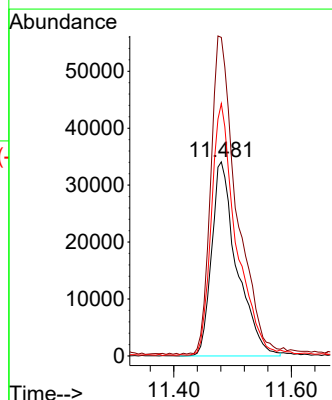
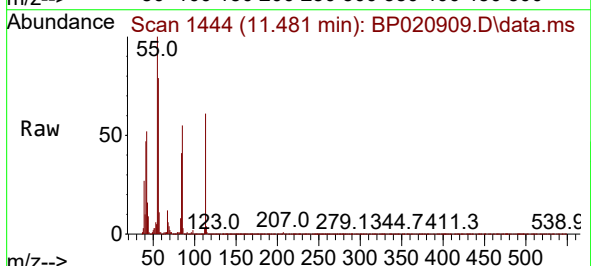
Tgt Ion:113 Resp: 101319

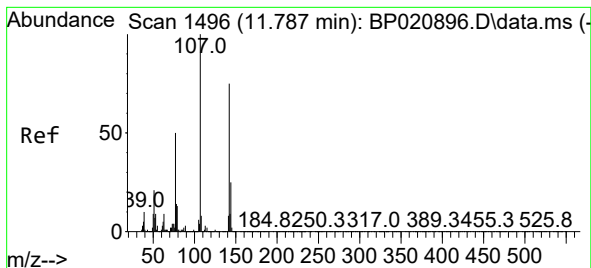
Ion Ratio Lower Upper

113 100

55 164.2 140.2 210.4

56 130.0 105.5 158.3

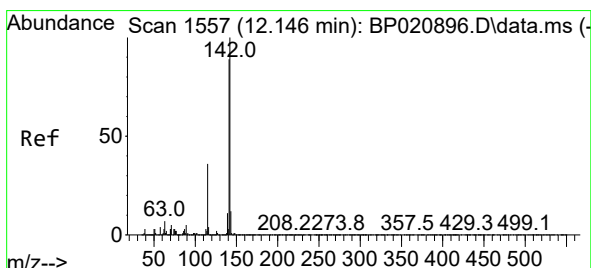
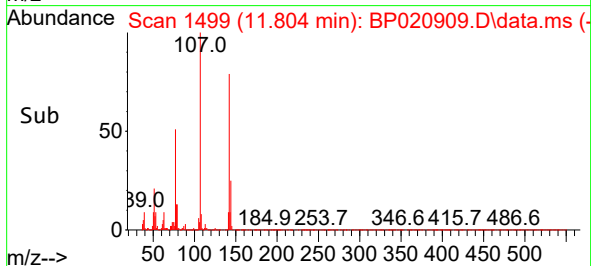
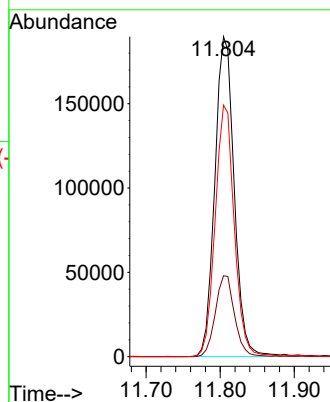
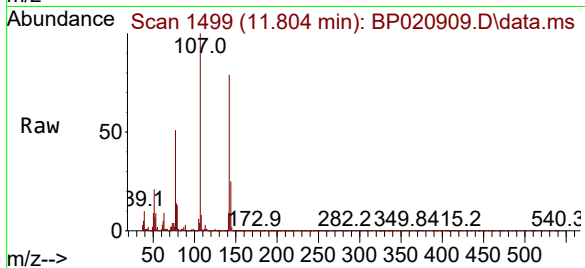




#35
4-Chloro-3-methylphenol
Concen: 25.402 ng/ul
RT: 11.804 min Scan# 1499
Delta R.T. 0.012 min
Lab File: BP020909.D
Acq: 11 Jul 2024 18:52

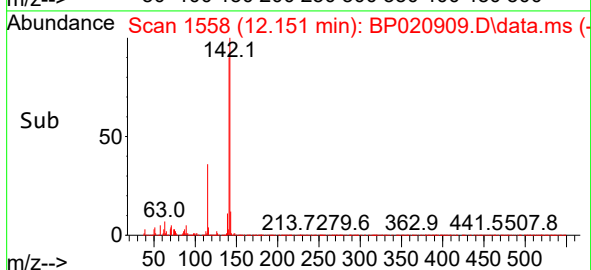
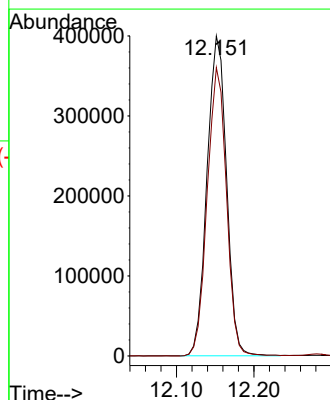
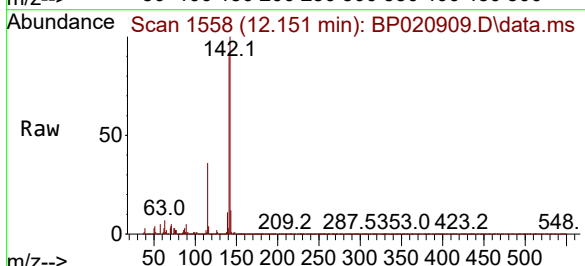
Instrument :
BNA_P
ClientSampleId :
SLCS883

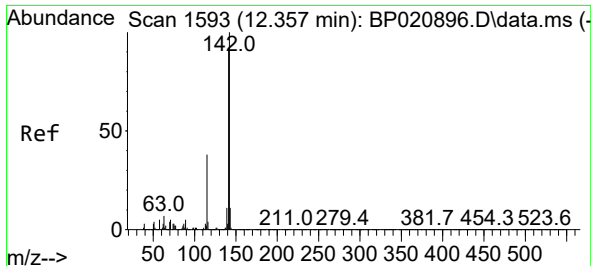
Tgt Ion:107 Resp: 344534
Ion Ratio Lower Upper
107 100
144 25.3 19.3 28.9
142 78.6 60.7 91.1



#36
2-Methylnaphthalene
Concen: 24.532 ng/ul
RT: 12.151 min Scan# 1558
Delta R.T. 0.006 min
Lab File: BP020909.D
Acq: 11 Jul 2024 18:52

Tgt Ion:142 Resp: 697652
Ion Ratio Lower Upper
142 100
141 90.1 72.6 108.8

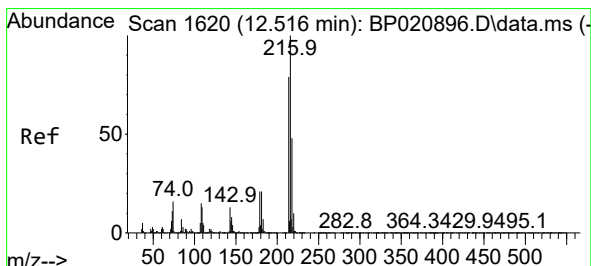
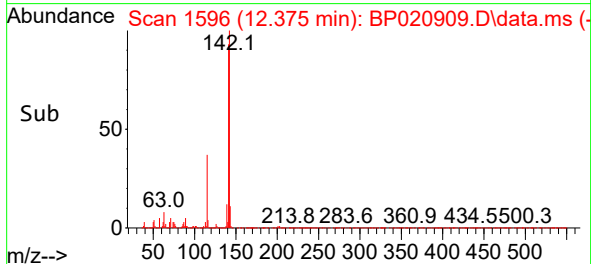
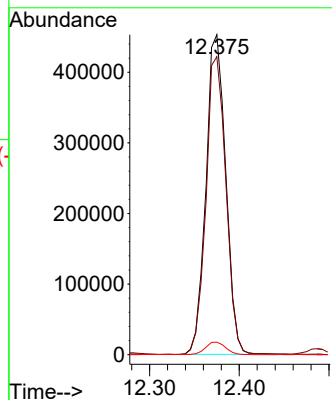
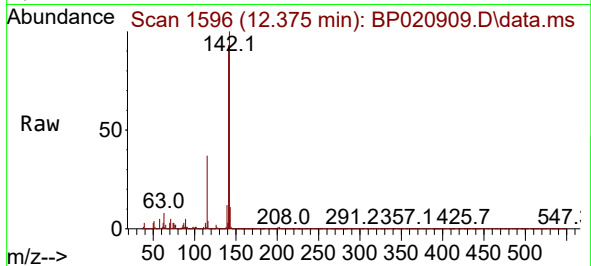




#37
1-Methylnaphthalene
Concen: 23.798 ng/ul
RT: 12.375 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BP020909.D
Acq: 11 Jul 2024 18:52

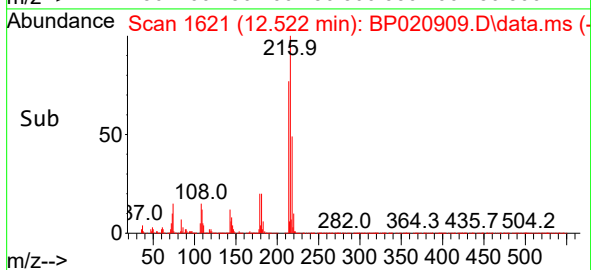
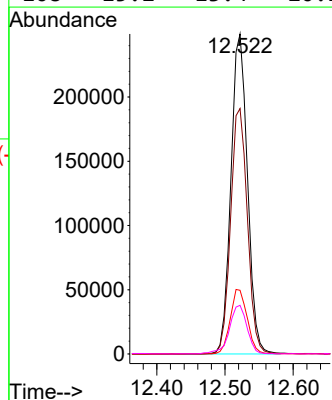
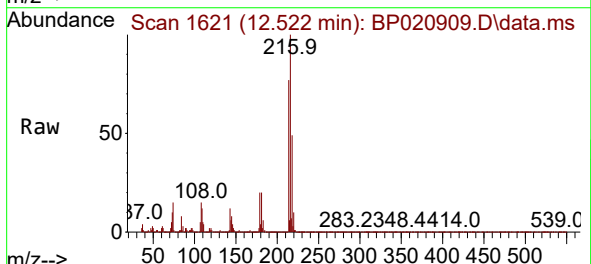
Instrument :
BNA_P
ClientSampleId :
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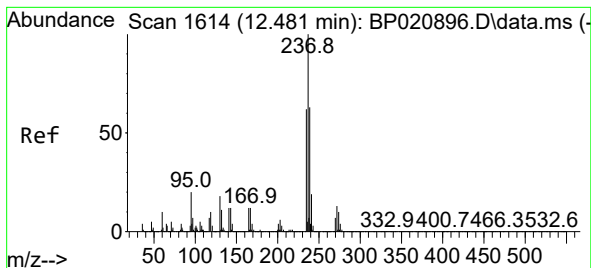
Tgt Ion:142 Resp: 696045
Ion Ratio Lower Upper
142 100
141 93.2 75.0 112.6
116 3.9 3.2 4.8



#39
1,2,4,5-Tetrachlorobenzene
Concen: 26.155 ng/ul
RT: 12.522 min Scan# 1621
Delta R.T. 0.006 min
Lab File: BP020909.D
Acq: 11 Jul 2024 18:52

Tgt Ion:216 Resp: 420745
Ion Ratio Lower Upper
216 100
214 76.7 64.2 96.4
179 19.9 16.6 24.8
108 15.2 13.4 20.2





#40

Hexachlorocyclopentadiene

Concen: 13.437 ng/ul

RT: 12.487 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP020909.D

Acq: 11 Jul 2024 18:52

Instrument :

BNA_P

ClientSampleId :

SLCS883

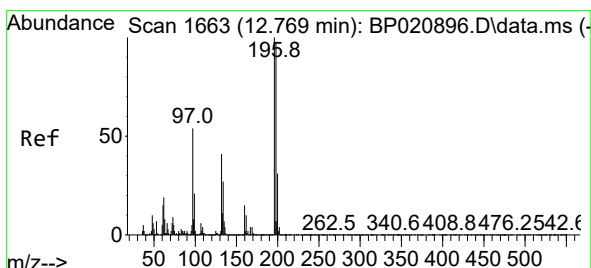
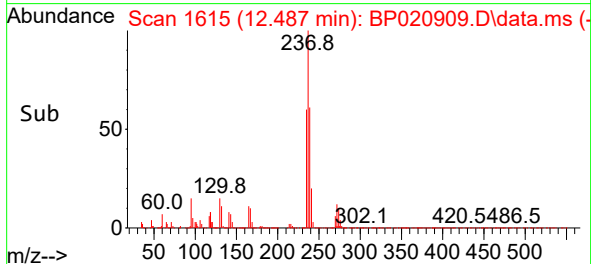
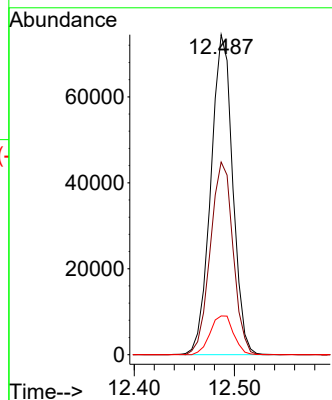
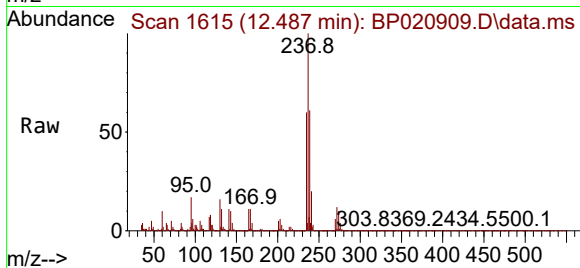
Tgt Ion:237 Resp: 113080

Ion Ratio Lower Upper

237 100

235 60.2 49.7 74.5

272 12.1 10.2 15.2



#41

2,4,6-Trichlorophenol

Concen: 25.117 ng/ul

RT: 12.781 min Scan# 1665

Delta R.T. 0.000 min

Lab File: BP020909.D

Acq: 11 Jul 2024 18:52

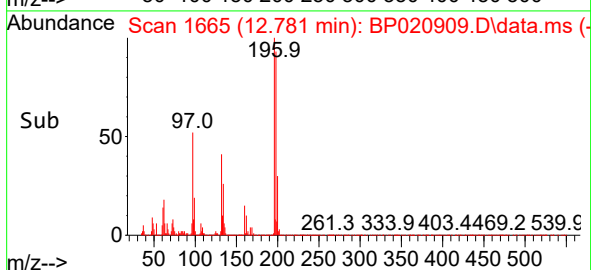
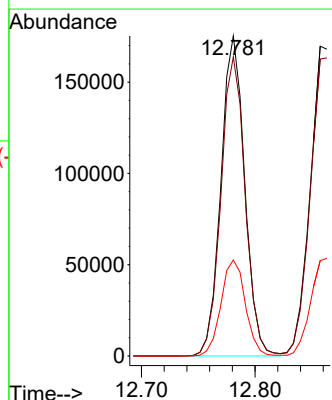
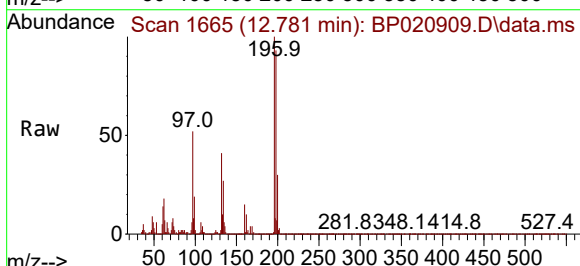
Tgt Ion:196 Resp: 255310

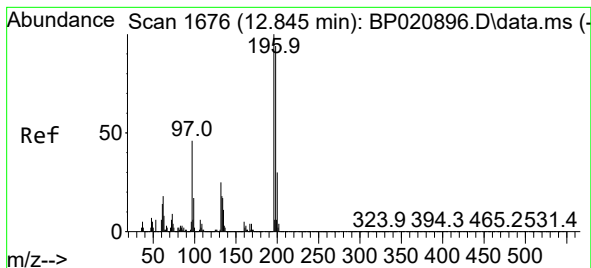
Ion Ratio Lower Upper

196 100

198 93.4 76.6 115.0

200 30.0 26.0 39.0





#42

2,4,5-Trichlorophenol

Concen: 25.808 ng/ul

RT: 12.857 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP020909.D

Acq: 11 Jul 2024 18:52

Instrument :

BNA_P

ClientSampleId :

SLCS883

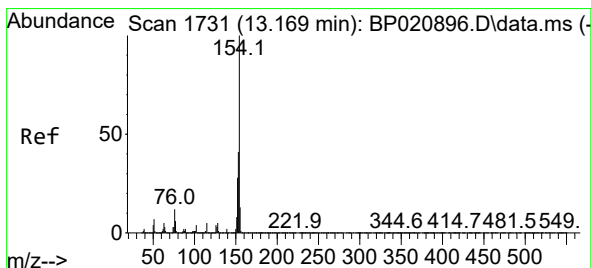
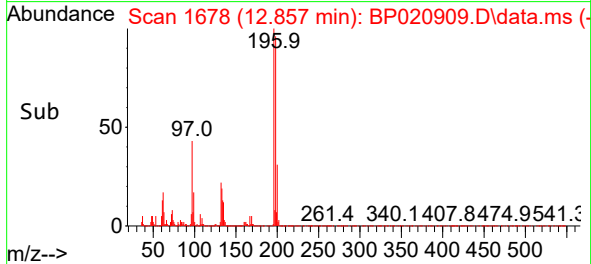
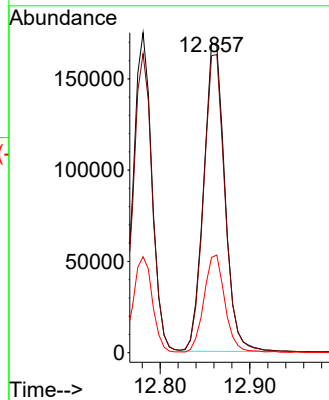
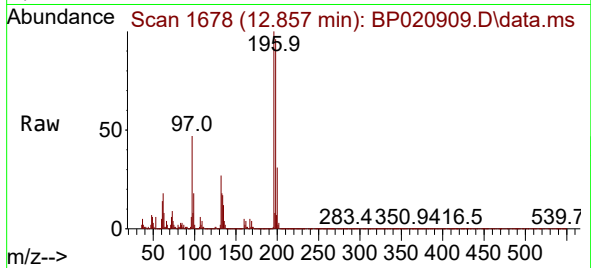
Tgt Ion:196 Resp: 277560

Ion Ratio Lower Upper

196 100

198 95.9 77.1 115.7

200 30.8 25.3 37.9



#43

1,1'-Biphenyl

Concen: 25.161 ng/ul

RT: 13.175 min Scan# 1732

Delta R.T. 0.000 min

Lab File: BP020909.D

Acq: 11 Jul 2024 18:52

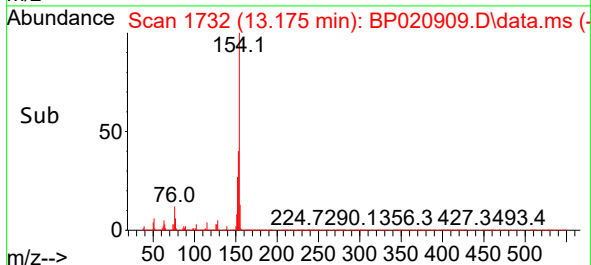
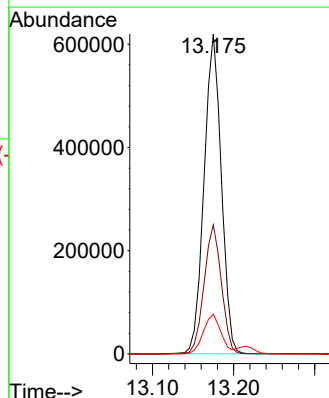
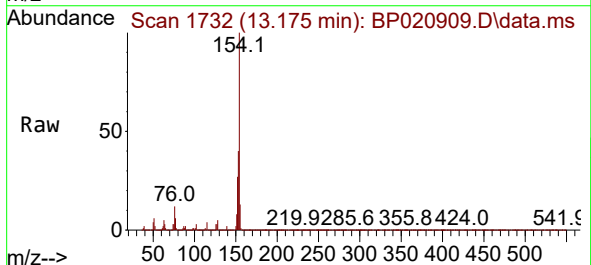
Tgt Ion:154 Resp: 910837

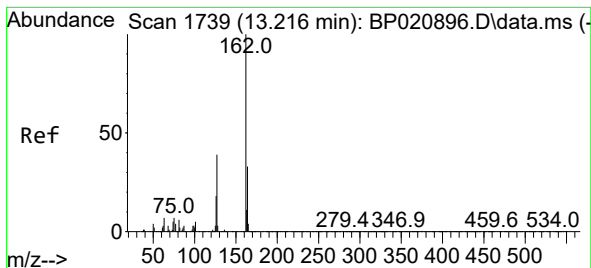
Ion Ratio Lower Upper

154 100

153 40.4 32.7 49.1

76 12.5 9.4 14.2

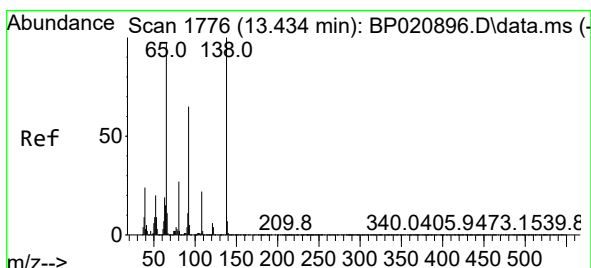
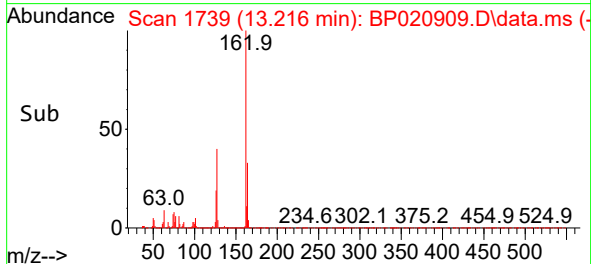
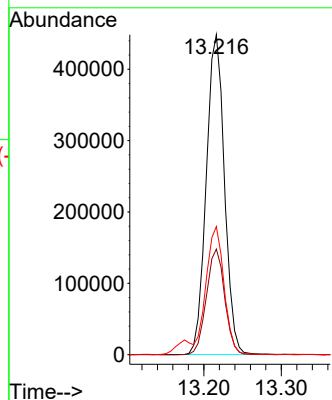
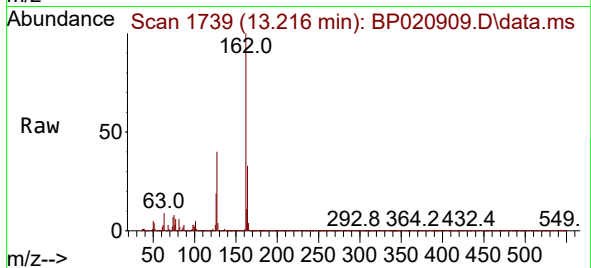




#44
2-Chloronaphthalene
Concen: 25.304 ng/ul
RT: 13.216 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BP020909.D
Acq: 11 Jul 2024 18:52

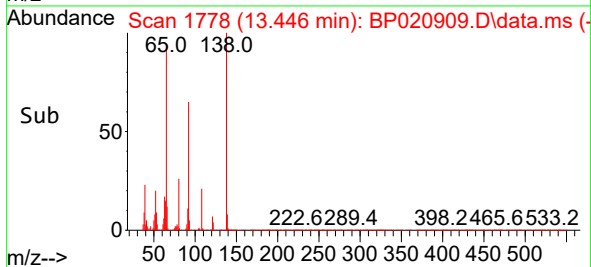
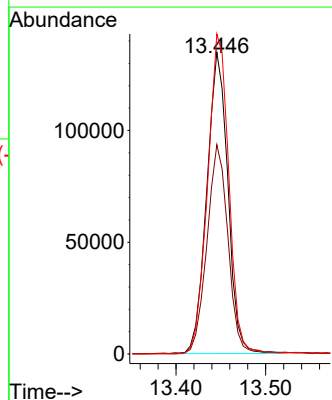
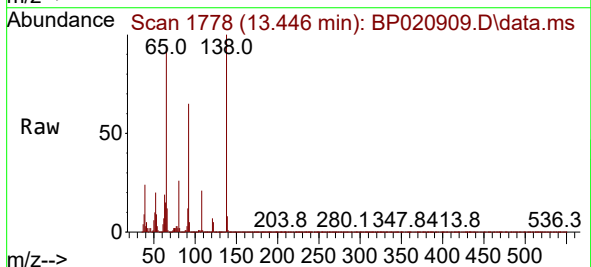
Instrument :
BNA_P
ClientSampleId :
SLCS883

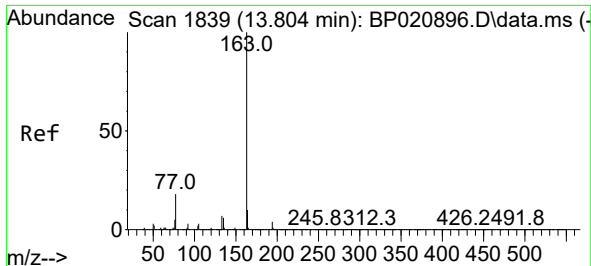
Tgt Ion:162 Resp: 731273
Ion Ratio Lower Upper
162 100
164 33.0 26.3 39.5
127 40.0 31.8 47.8



#45
2-Nitroaniline
Concen: 27.528 ng/ul
RT: 13.446 min Scan# 1778
Delta R.T. 0.006 min
Lab File: BP020909.D
Acq: 11 Jul 2024 18:52

Tgt Ion: 65 Resp: 220001
Ion Ratio Lower Upper
65 100
92 69.4 56.7 85.1
138 106.1 85.6 128.4

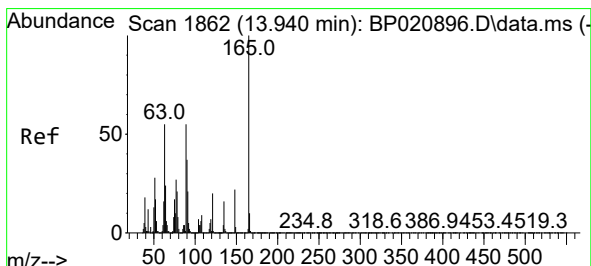
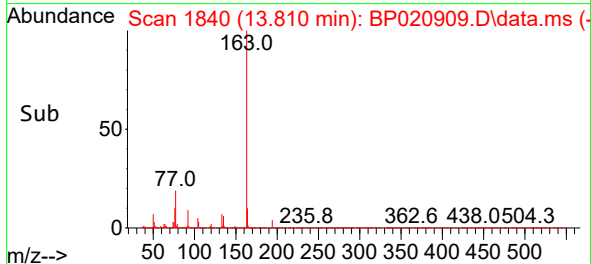
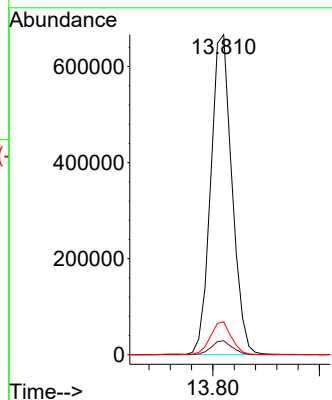
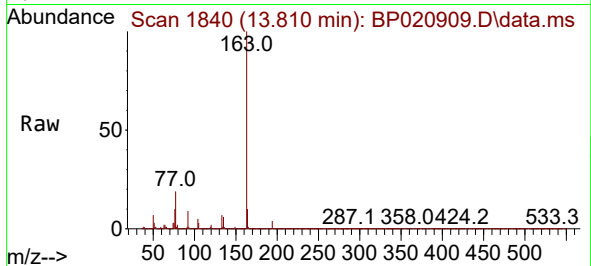




#47
Dimethylphthalate
Concen: 25.238 ng/ul
RT: 13.810 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BP020909.D
Acq: 11 Jul 2024 18:52

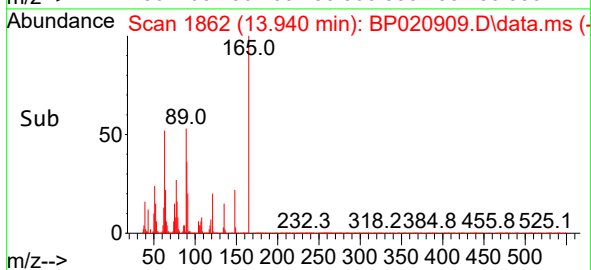
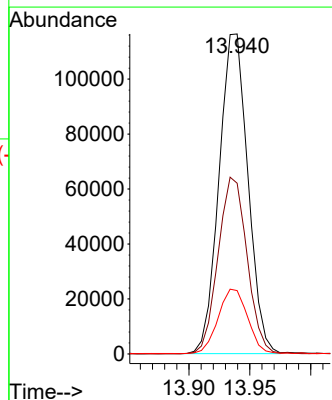
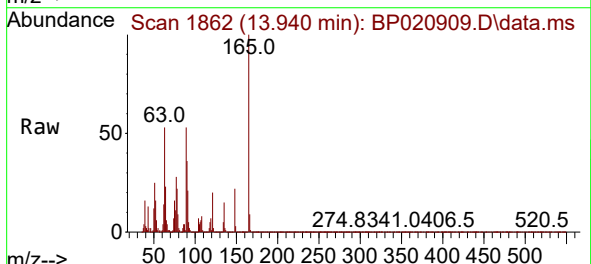
Instrument :
BNA_P
ClientSampleId :
SLCS883

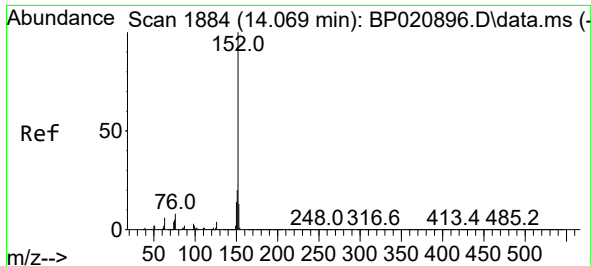
Tgt Ion:163 Resp: 922127
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.2 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 26.289 ng/ul
RT: 13.940 min Scan# 1862
Delta R.T. 0.000 min
Lab File: BP020909.D
Acq: 11 Jul 2024 18:52

Tgt Ion:165 Resp: 192034
Ion Ratio Lower Upper
165 100
89 53.3 44.7 67.1
121 19.8 16.5 24.7

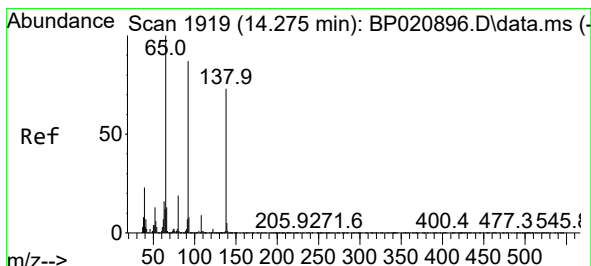
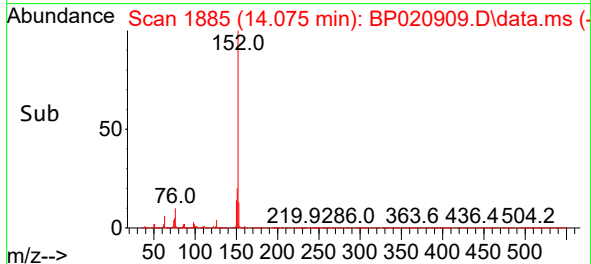
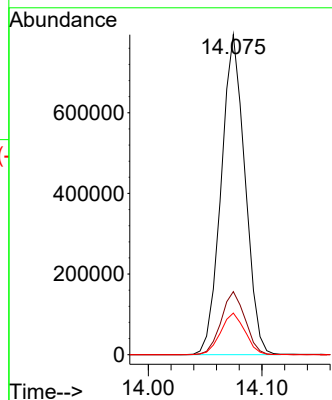
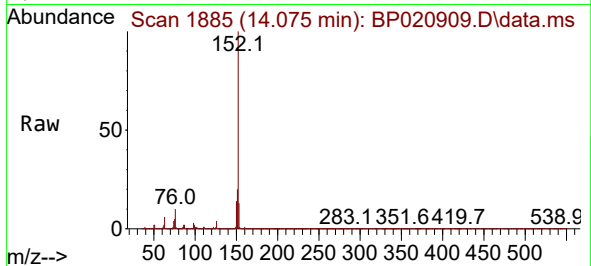




#50
Acenaphthylene
Concen: 25.248 ng/ul
RT: 14.075 min Scan# 1885
Delta R.T. -0.006 min
Lab File: BP020909.D
Acq: 11 Jul 2024 18:52

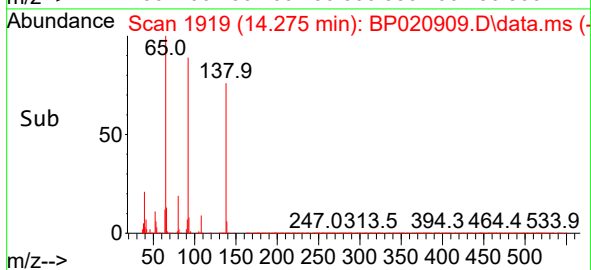
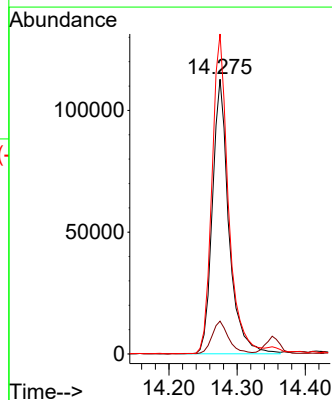
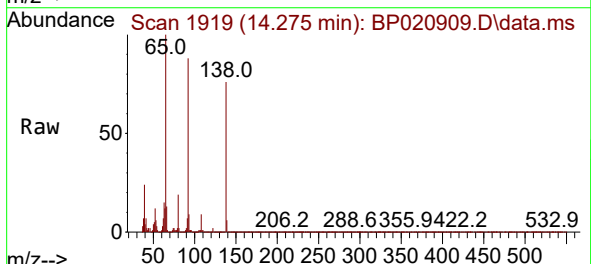
Instrument :
BNA_P
ClientSampleId :
SLCS883

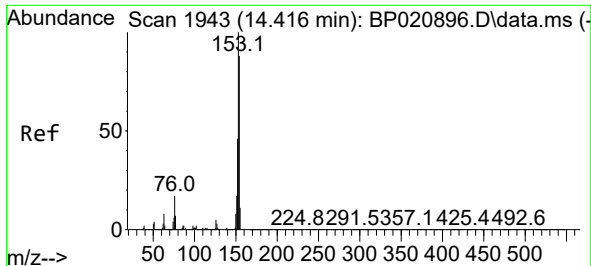
Tgt Ion:152 Resp: 1155838
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.2
153 13.0 10.3 15.5



#51
3-Nitroaniline
Concen: 29.862 ng/ul
RT: 14.275 min Scan# 1919
Delta R.T. -0.006 min
Lab File: BP020909.D
Acq: 11 Jul 2024 18:52

Tgt Ion:138 Resp: 189817
Ion Ratio Lower Upper
138 100
108 12.0 9.8 14.8
92 116.4 98.0 147.0

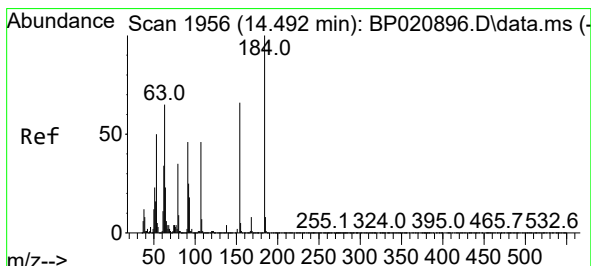
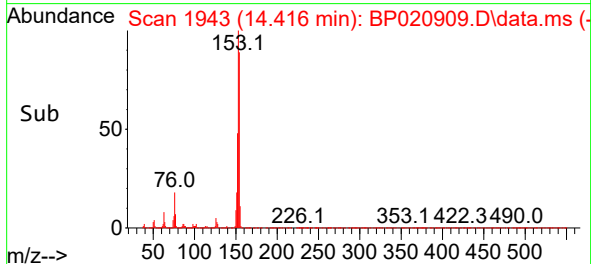
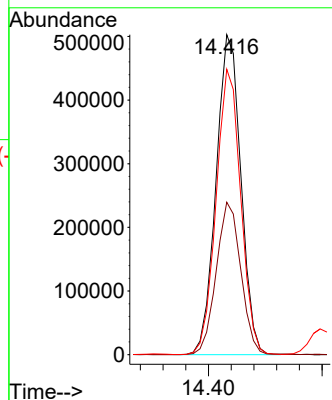
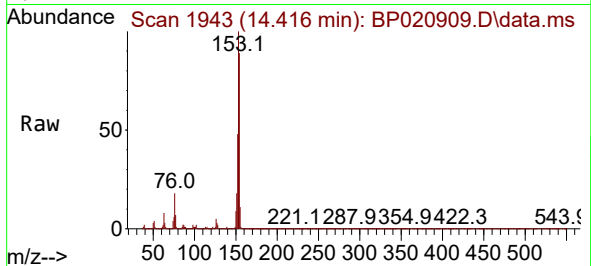




#52
Acenaphthene
Concen: 25.071 ng/ul
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BP020909.D
Acq: 11 Jul 2024 18:52

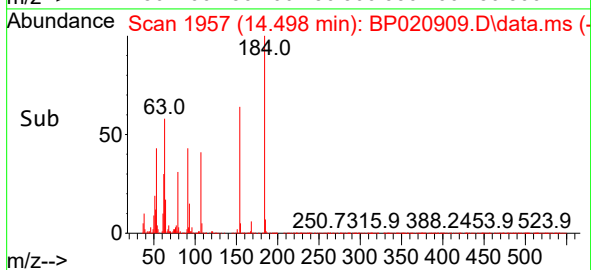
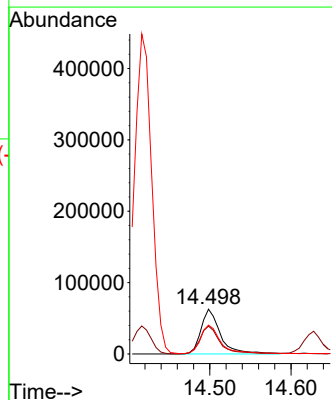
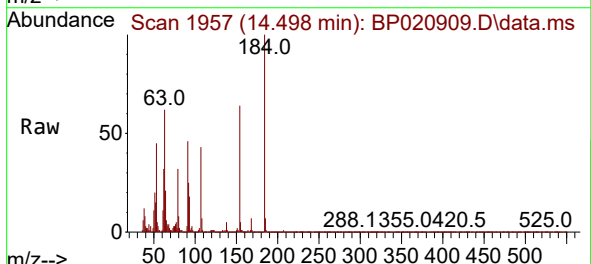
Instrument :
BNA_P
ClientSampleId :
SLCS883

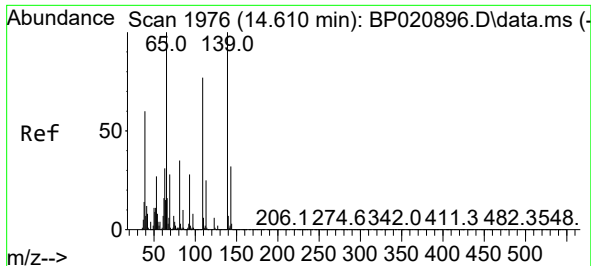
Tgt Ion:153 Resp: 761766
Ion Ratio Lower Upper
153 100
152 47.7 37.8 56.6
154 89.2 71.8 107.6



#53
2,4-Dinitrophenol
Concen: 27.064 ng/ul
RT: 14.498 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BP020909.D
Acq: 11 Jul 2024 18:52

Tgt Ion:184 Resp: 103822
Ion Ratio Lower Upper
184 100
63 62.4 50.3 75.5
154 64.4 53.0 79.6

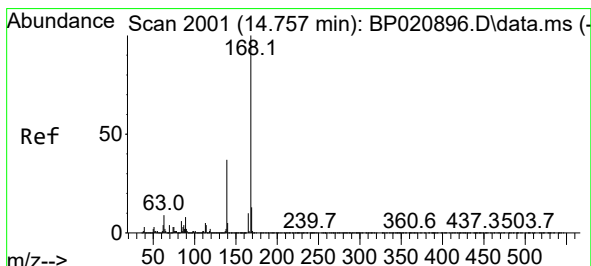
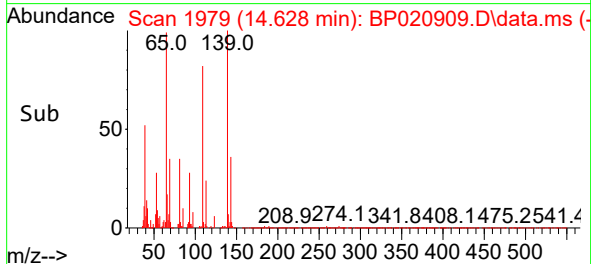
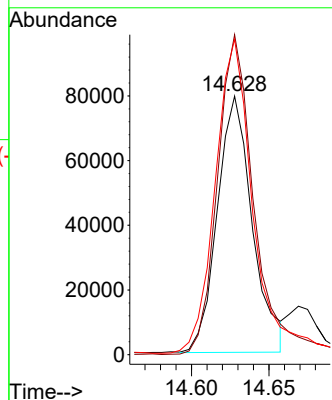
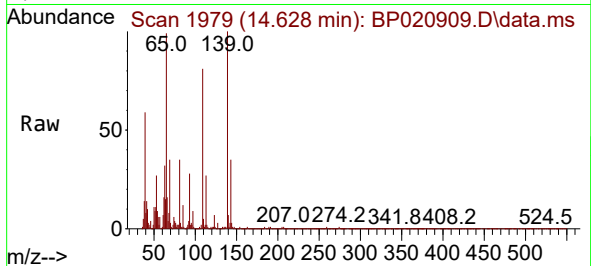




#55
4-Nitrophenol
Concen: 29.895 ng/ul
RT: 14.628 min Scan# 1976
Delta R.T. 0.006 min
Lab File: BP020909.D
Acq: 11 Jul 2024 18:52

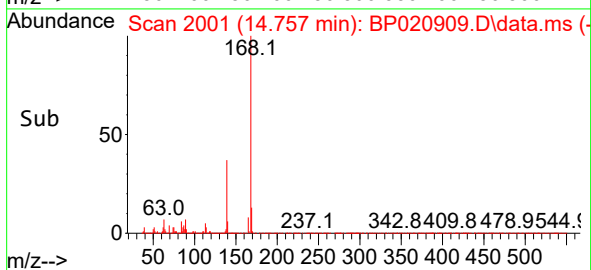
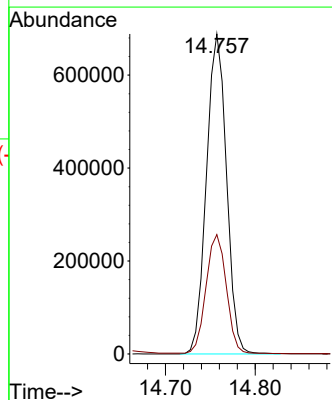
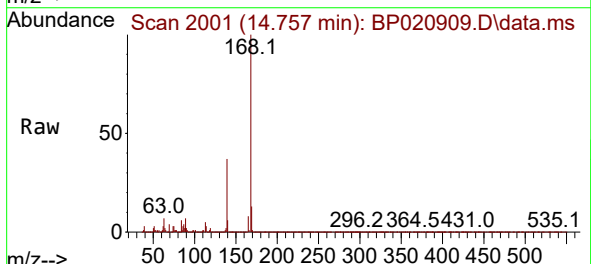
Instrument :
BNA_P
ClientSampleId :
SLCS883

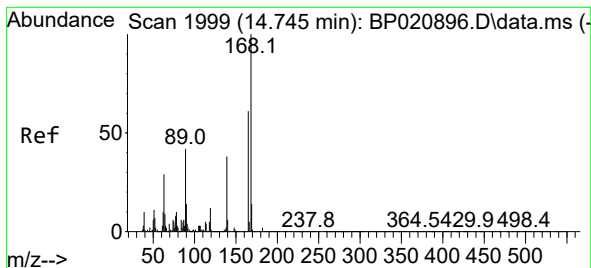
Tgt Ion:109 Resp: 124589
Ion Ratio Lower Upper
109 100
139 123.8 98.0 147.0
65 122.0 106.0 159.0



#56
Dibenzofuran
Concen: 25.665 ng/ul
RT: 14.757 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BP020909.D
Acq: 11 Jul 2024 18:52

Tgt Ion:168 Resp: 1067868
Ion Ratio Lower Upper
168 100
139 37.3 31.1 46.7





#57

2,4-Dinitrotoluene

Concen: 28.365 ng/ul

RT: 14.745 min Scan# 1999

Delta R.T. -0.006 min

Lab File: BP020909.D

Acq: 11 Jul 2024 18:52

Instrument :

BNA_P

ClientSampleId :

SLCS883

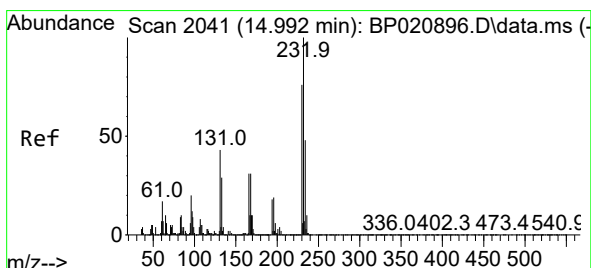
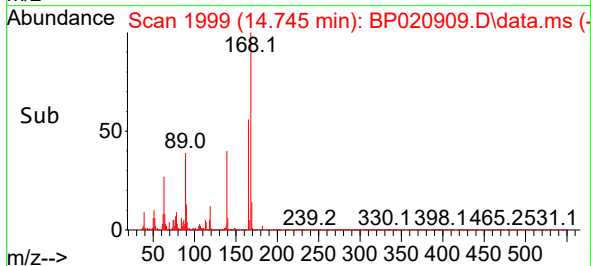
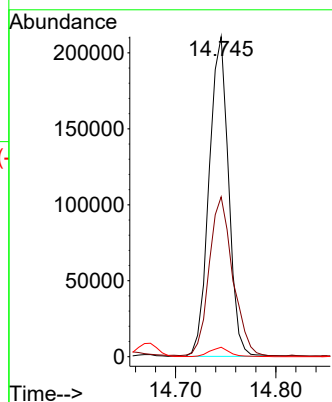
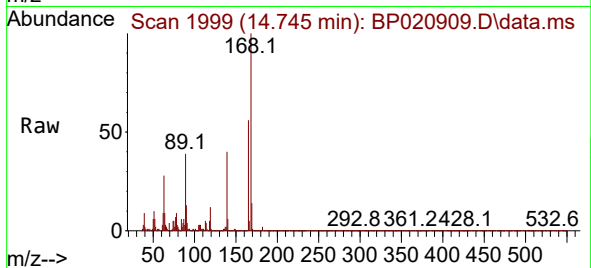
Tgt Ion:165 Resp: 284433

Ion Ratio Lower Upper

165 100

63 49.9 41.0 61.4

182 2.9 2.2 3.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 24.190 ng/ul

RT: 14.998 min Scan# 2042

Delta R.T. -0.006 min

Lab File: BP020909.D

Acq: 11 Jul 2024 18:52

Tgt Ion:232 Resp: 222775

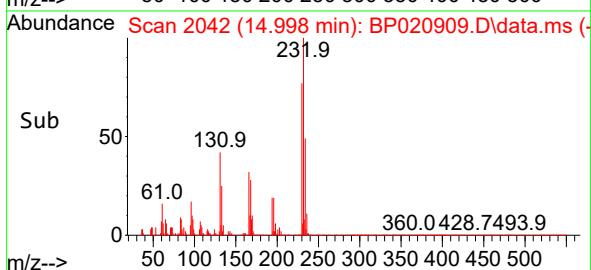
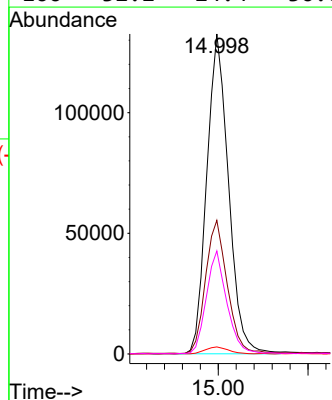
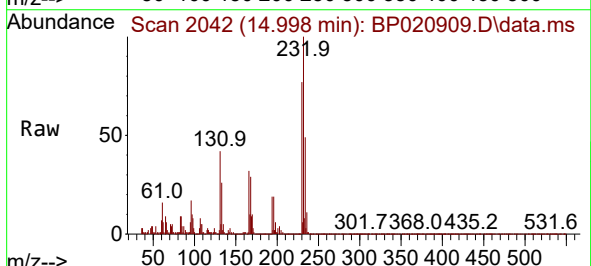
Ion Ratio Lower Upper

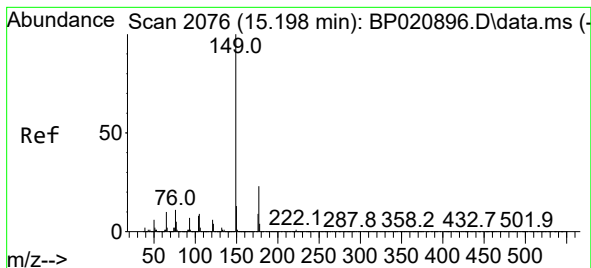
232 100

131 41.7 34.4 51.6

130 2.2 2.0 3.0

166 32.2 24.4 36.6





#59

Diethylphthalate

Concen: 26.024 ng/ul

RT: 15.198 min Scan# 2076

Delta R.T. 0.006 min

Lab File: BP020909.D

Acq: 11 Jul 2024 18:52

Instrument :

BNA_P

ClientSampleId :

SLCS883

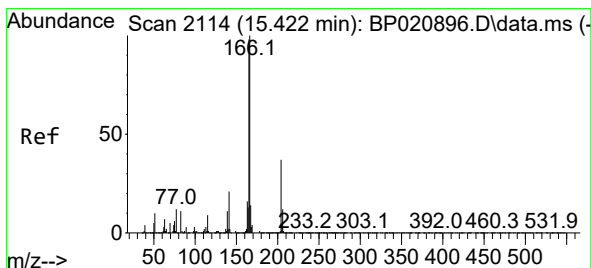
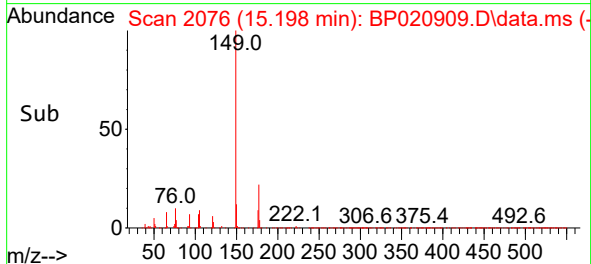
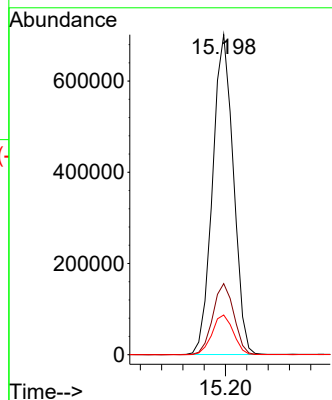
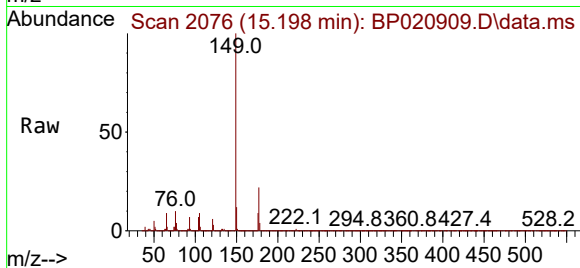
Tgt Ion:149 Resp: 950233

Ion Ratio Lower Upper

149 100

177 22.2 17.7 26.5

150 12.4 10.2 15.2



#61

Fluorene

Concen: 25.757 ng/ul

RT: 15.422 min Scan# 2114

Delta R.T. -0.006 min

Lab File: BP020909.D

Acq: 11 Jul 2024 18:52

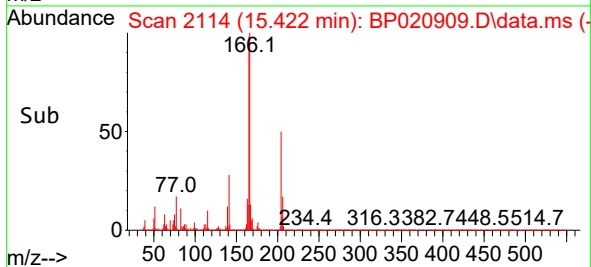
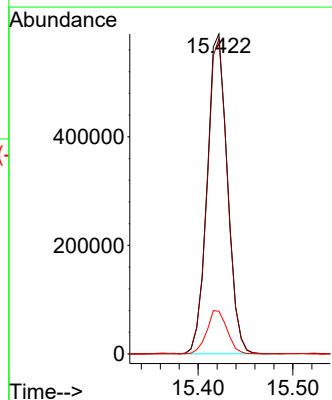
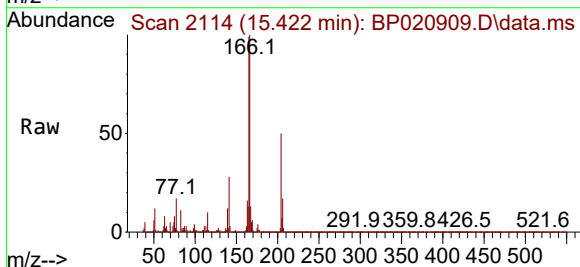
Tgt Ion:166 Resp: 874547

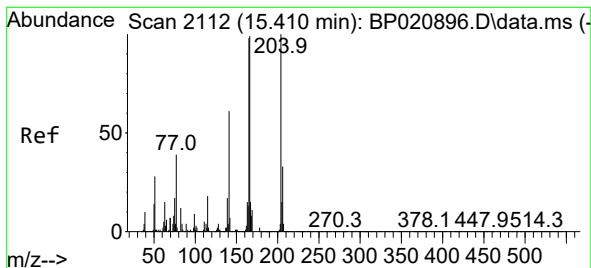
Ion Ratio Lower Upper

166 100

165 98.5 78.1 117.1

167 13.3 10.9 16.3

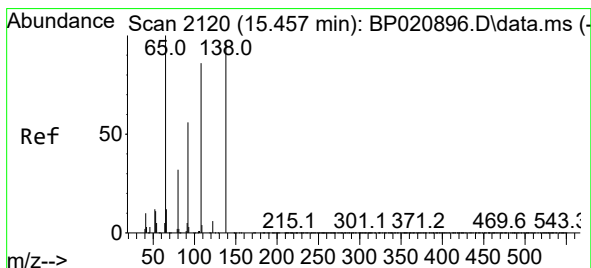
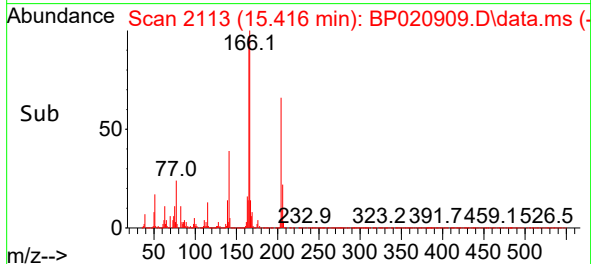
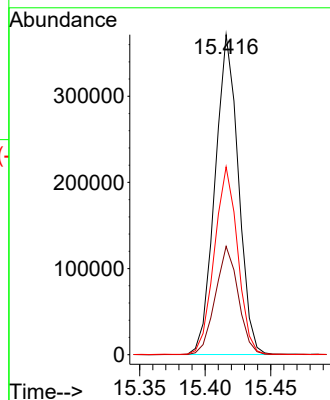
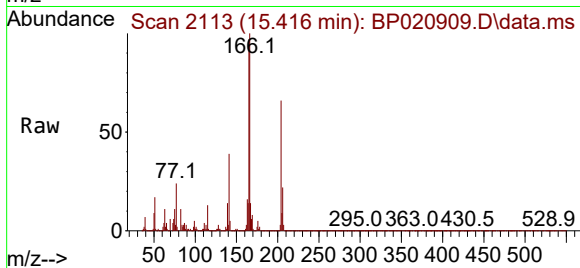




#62
4-Chlorophenyl-phenylether
Concen: 24.957 ng/ul
RT: 15.416 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP020909.D
Acq: 11 Jul 2024 18:52

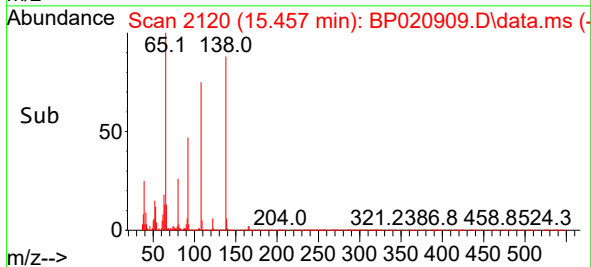
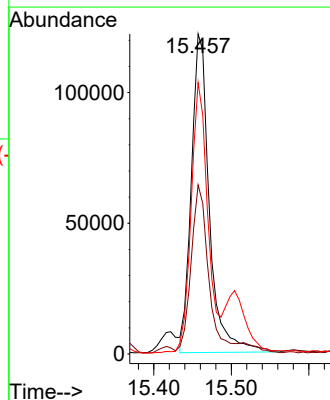
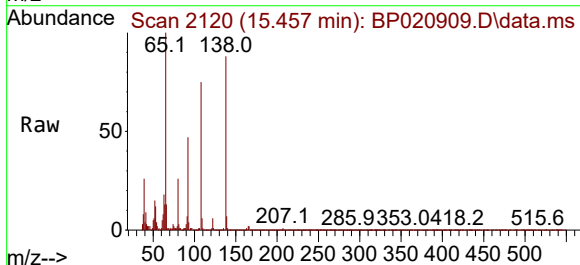
Instrument :
BNA_P
ClientSampleId :
SLCS883

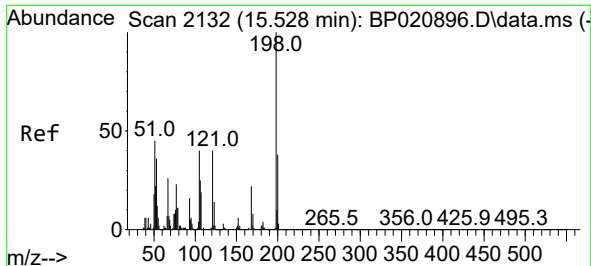
Tgt Ion:204 Resp: 459818
Ion Ratio Lower Upper
204 100
206 33.9 26.4 39.6
141 58.7 48.5 72.7



#63
4-Nitroaniline
Concen: 37.444 ng/ul
RT: 15.457 min Scan# 2120
Delta R.T. -0.012 min
Lab File: BP020909.D
Acq: 11 Jul 2024 18:52

Tgt Ion:138 Resp: 197108
Ion Ratio Lower Upper
138 100
92 52.9 40.9 61.3
108 84.8 64.7 97.1

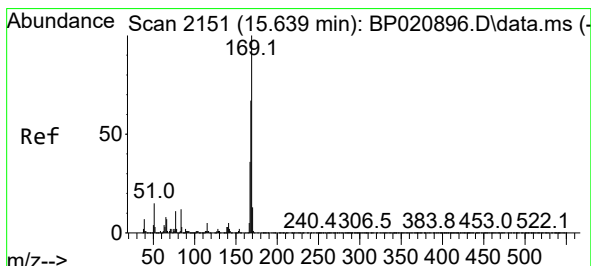
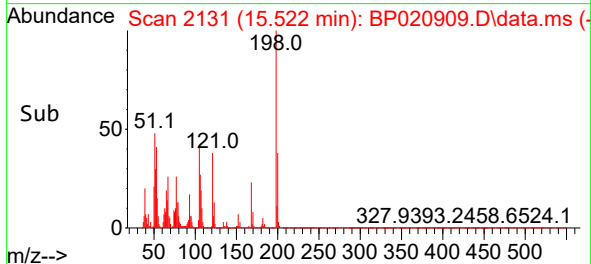
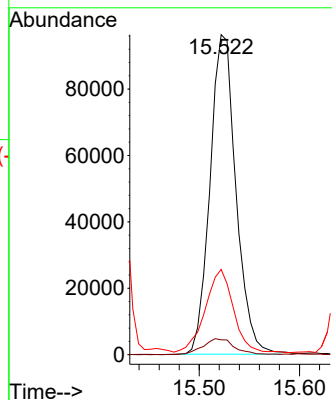
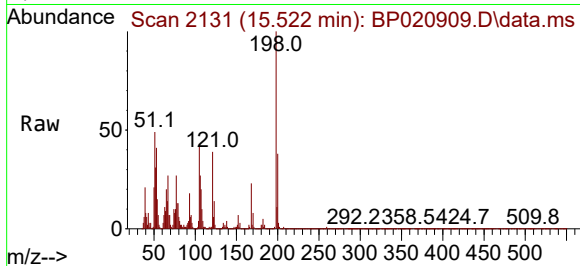




#66
4,6-Dinitro-2-methylphenol
Concen: 25.680 ng/ul
RT: 15.522 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP020909.D
Acq: 11 Jul 2024 18:52

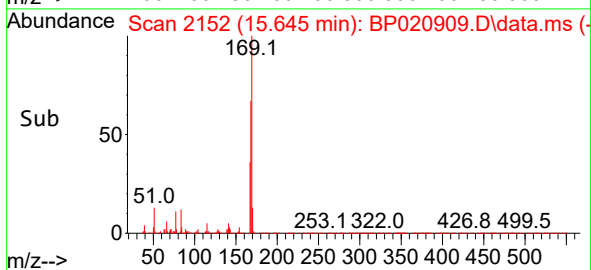
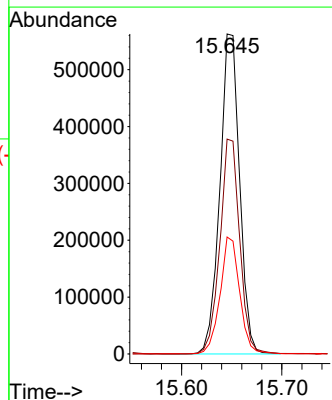
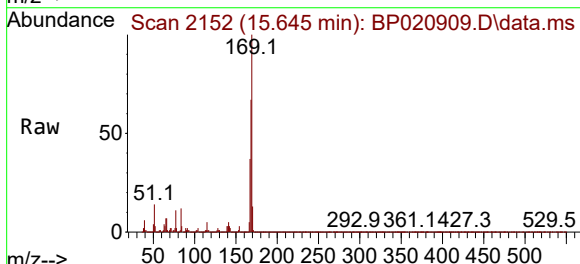
Instrument :
BNA_P
ClientSampleId :
SLCS883

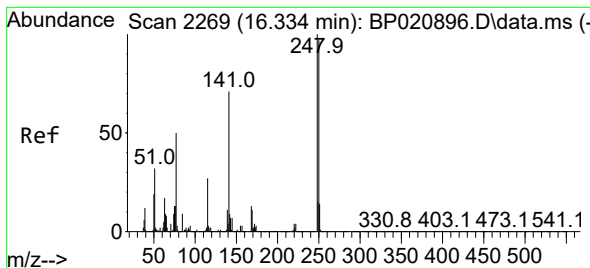
Tgt Ion:198 Resp: 173377
Ion Ratio Lower Upper
198 100
182 4.6 3.8 5.6
77 26.6 20.0 30.0



#67
N-Nitrosodiphenylamine
Concen: 25.037 ng/ul
RT: 15.645 min Scan# 2152
Delta R.T. 0.000 min
Lab File: BP020909.D
Acq: 11 Jul 2024 18:52

Tgt Ion:169 Resp: 767164
Ion Ratio Lower Upper
169 100
168 67.2 53.4 80.2
167 36.6 28.4 42.6

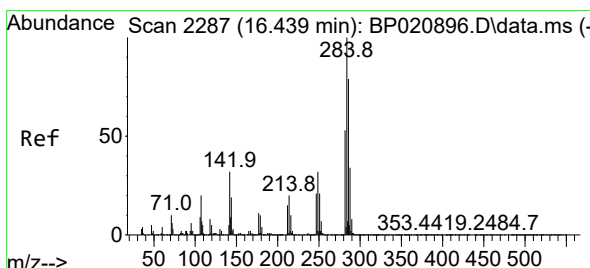
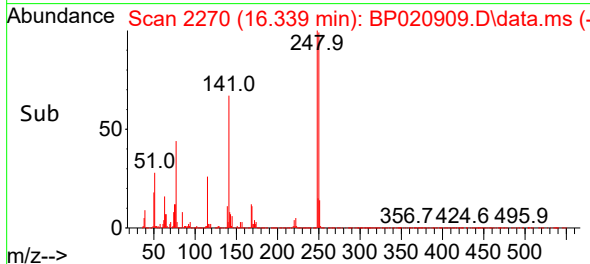
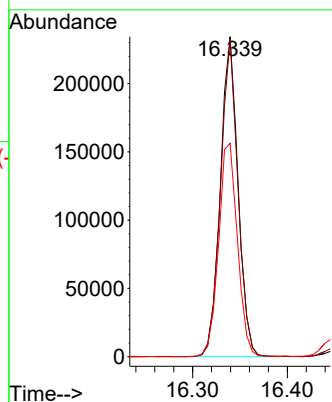
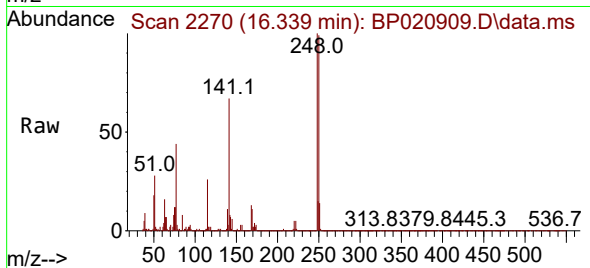




#68
4-Bromophenyl-phenylether
Concen: 24.664 ng/ul
RT: 16.339 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP020909.D
Acq: 11 Jul 2024 18:52

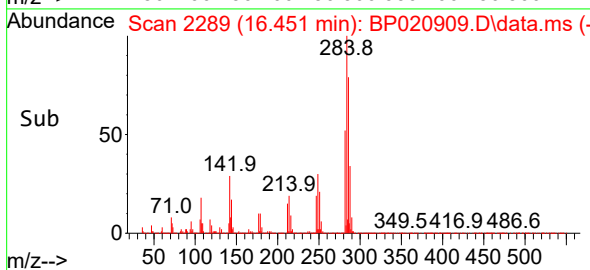
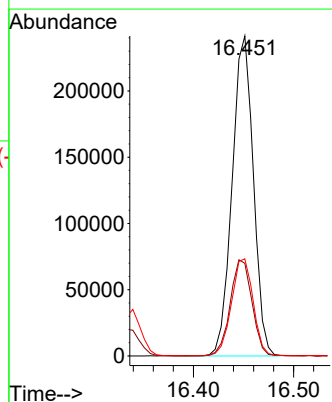
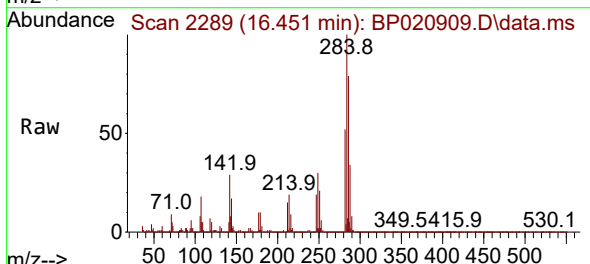
Instrument :
BNA_P
ClientSampleId :
SLCS883

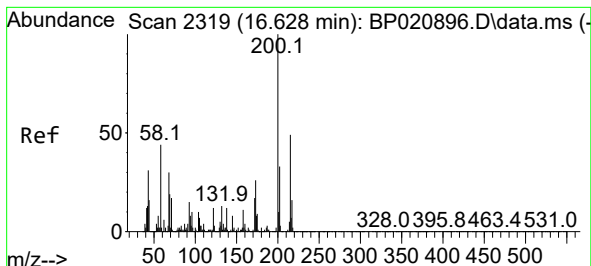
Tgt Ion:248 Resp: 304187
Ion Ratio Lower Upper
248 100
250 99.2 79.3 118.9
141 66.7 57.4 86.0



#69
Hexachlorobenzene
Concen: 25.130 ng/ul
RT: 16.451 min Scan# 2289
Delta R.T. 0.000 min
Lab File: BP020909.D
Acq: 11 Jul 2024 18:52

Tgt Ion:284 Resp: 355377
Ion Ratio Lower Upper
284 100
142 28.9 25.8 38.8
249 30.3 25.1 37.7





#70

Atrazine

Concen: 13.627 ng/ul

RT: 16.628 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP020909.D

Acq: 11 Jul 2024 18:52

Instrument :

BNA_P

ClientSampleId :

SLCS883

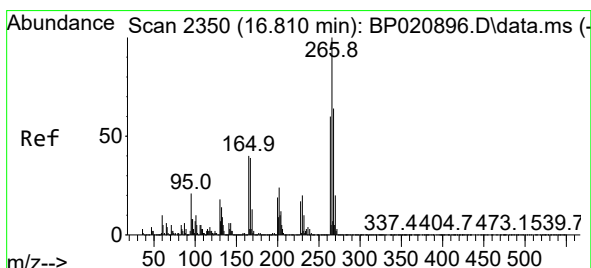
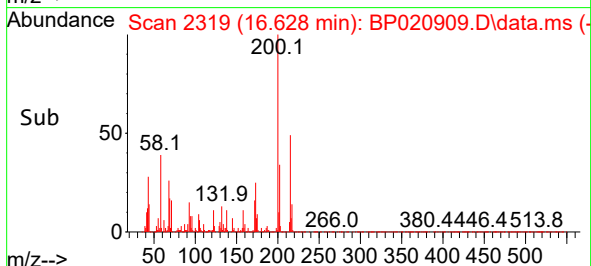
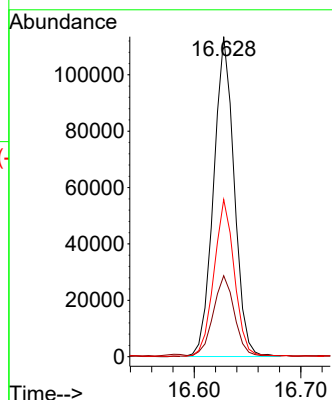
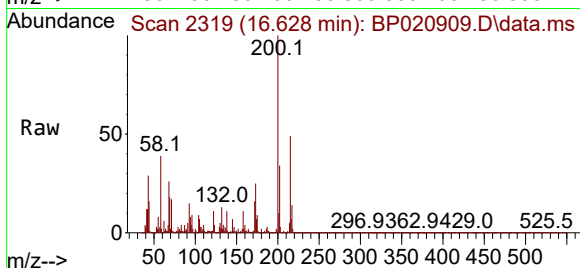
Tgt Ion:200 Resp: 152169

Ion Ratio Lower Upper

200 100

173 25.3 20.8 31.2

215 49.1 38.7 58.1



#71

Pentachlorophenol

Concen: 23.012 ng/ul

RT: 16.810 min Scan# 2350

Delta R.T. -0.012 min

Lab File: BP020909.D

Acq: 11 Jul 2024 18:52

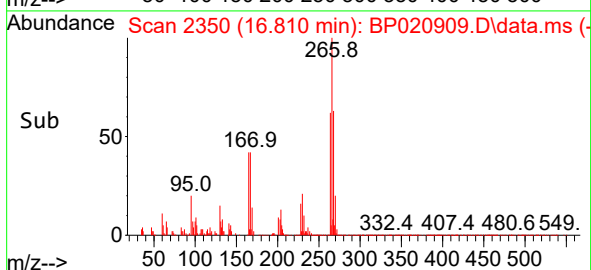
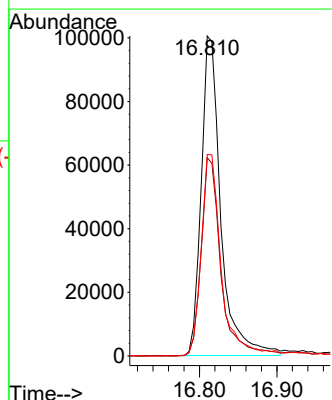
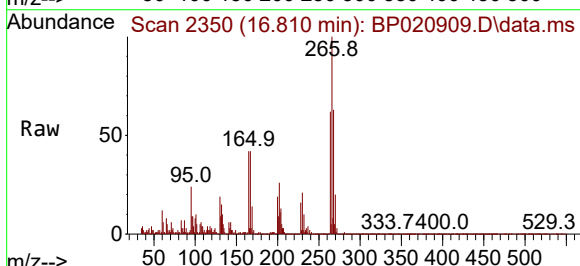
Tgt Ion:266 Resp: 176739

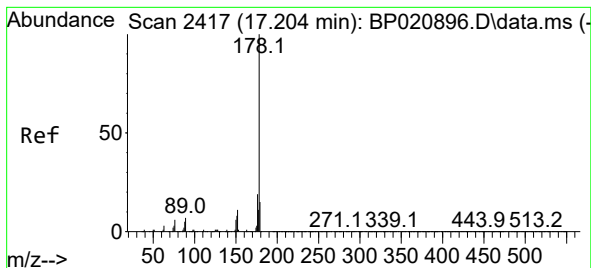
Ion Ratio Lower Upper

266 100

264 62.0 52.3 78.5

268 63.0 52.3 78.5





#72

Phenanthrene

Concen: 25.663 ng/ul

RT: 17.210 min Scan# 2417

Delta R.T. -0.012 min

Lab File: BP020909.D

Acq: 11 Jul 2024 18:52

Instrument :

BNA_P

ClientSampleId :

SLCS883

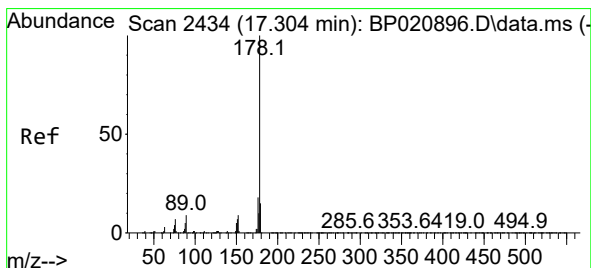
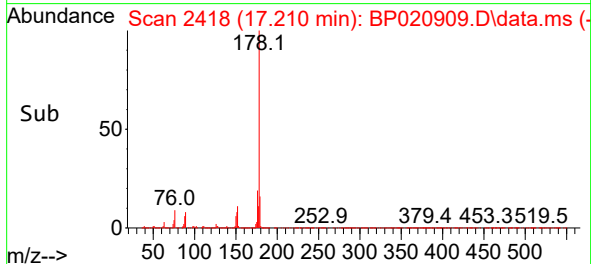
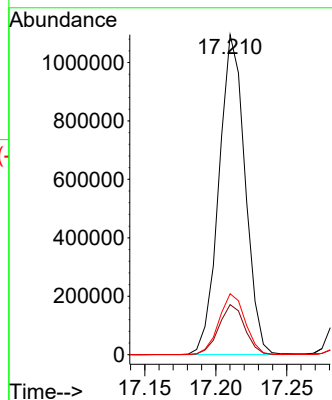
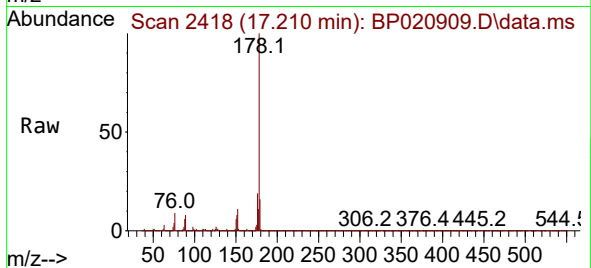
Tgt Ion:178 Resp: 1400826

Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.4

176 19.1 15.0 22.4



#74

Anthracene

Concen: 25.506 ng/ul

RT: 17.304 min Scan# 2434

Delta R.T. 0.000 min

Lab File: BP020909.D

Acq: 11 Jul 2024 18:52

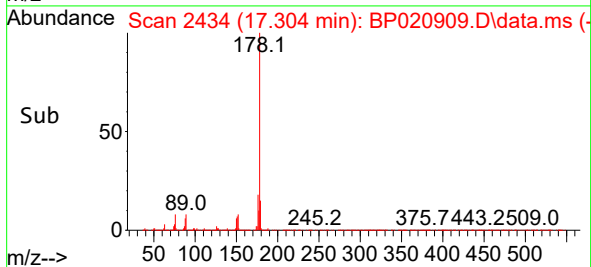
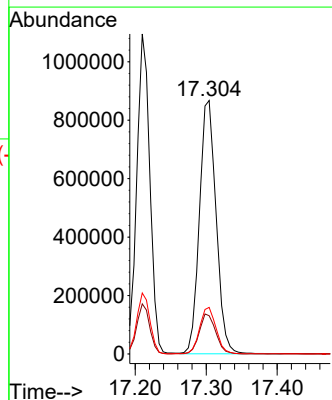
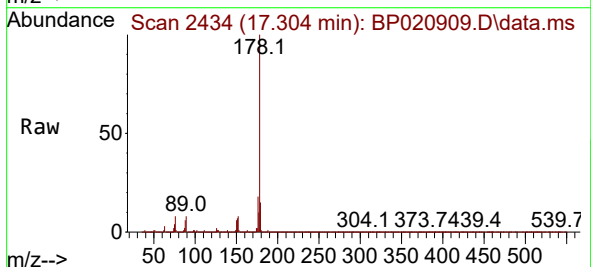
Tgt Ion:178 Resp: 1419333

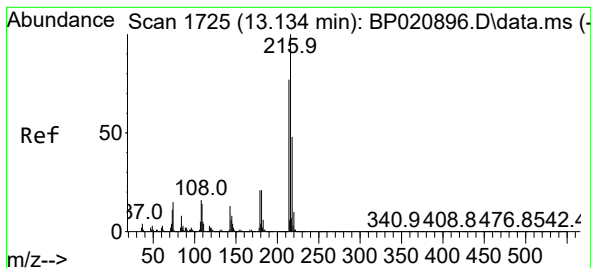
Ion Ratio Lower Upper

178 100

179 15.1 12.5 18.7

176 18.4 14.8 22.2

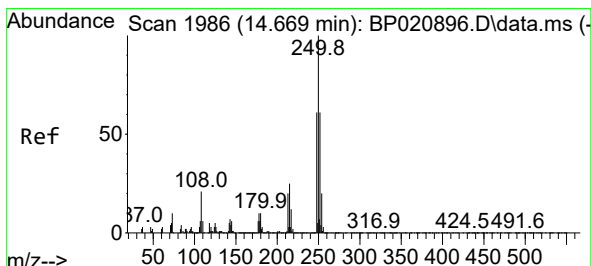
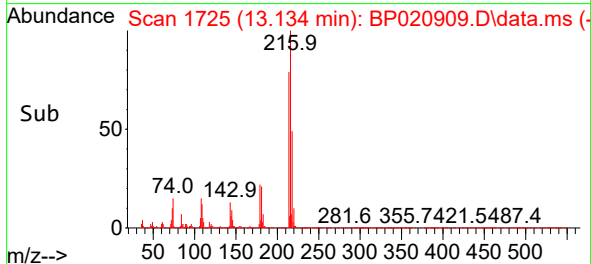
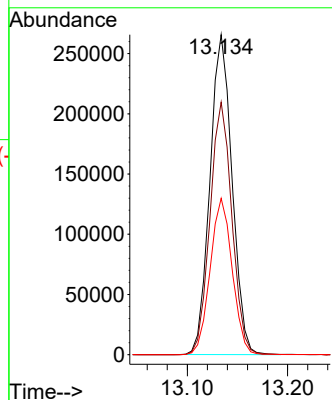
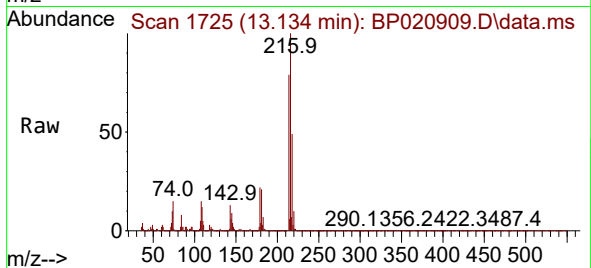




#75
1,2,3,4-Tetrachlorobenzene
Concen: 24.203 ng/uL
RT: 13.134 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BP020909.D
Acq: 11 Jul 2024 18:52

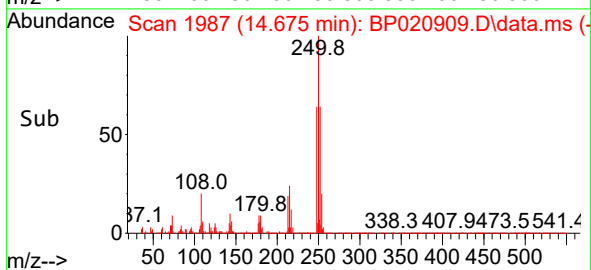
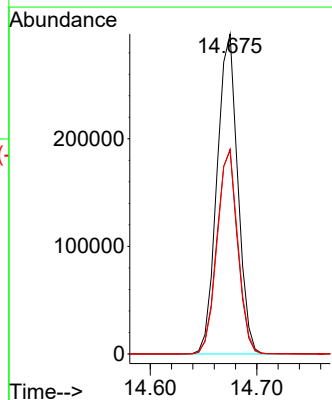
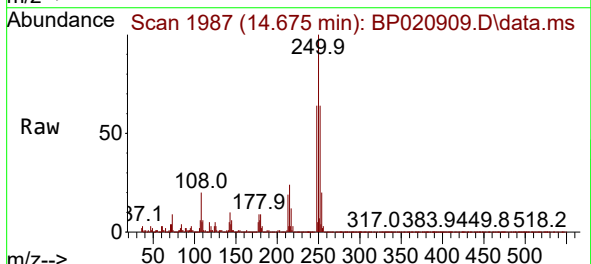
Instrument :
BNA_P
ClientSampleId :
SLCS883

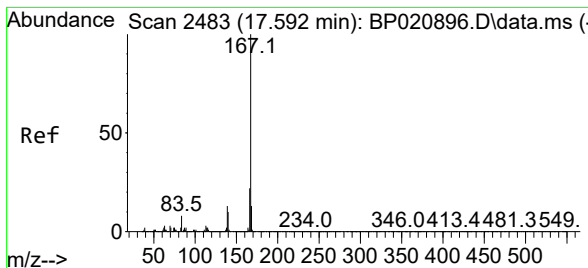
Tgt Ion:216 Resp: 407608
Ion Ratio Lower Upper
216 100
214 78.9 63.2 94.8
218 48.9 38.2 57.4



#76
Pentachlorobenzene
Concen: 23.991 ng/uL
RT: 14.675 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BP020909.D
Acq: 11 Jul 2024 18:52

Tgt Ion:250 Resp: 401480
Ion Ratio Lower Upper
250 100
248 63.6 50.8 76.2
252 64.1 51.6 77.4





#77

Carbazole

Concen: 28.839 ng/ul

RT: 17.598 min Scan# 2483

Delta R.T. 0.000 min

Lab File: BP020909.D

Acq: 11 Jul 2024 18:52

Instrument :

BNA_P

ClientSampleId :

SLCS883

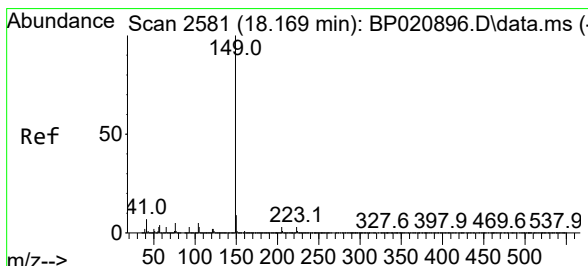
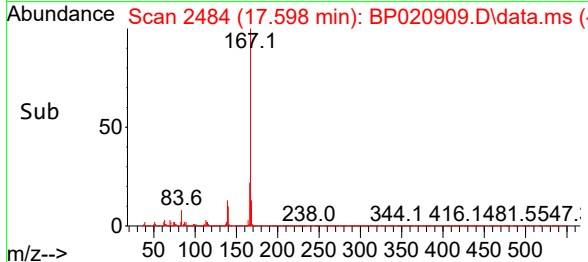
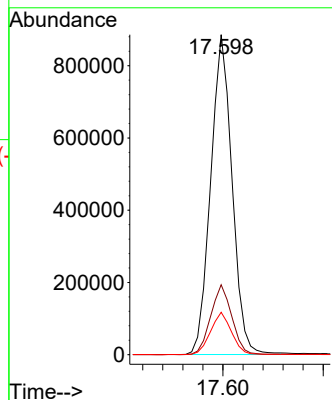
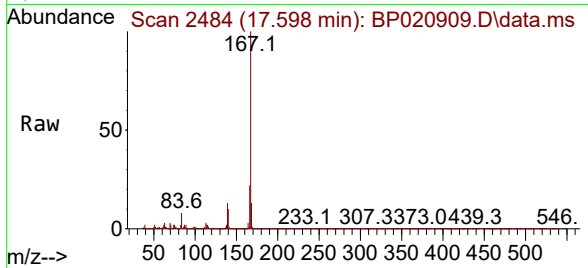
Tgt Ion:167 Resp: 1311892

Ion Ratio Lower Upper

167 100

166 21.9 17.3 25.9

139 13.3 10.2 15.2



#78

Di-n-butylphthalate

Concen: 27.270 ng/ul

RT: 18.175 min Scan# 2582

Delta R.T. -0.006 min

Lab File: BP020909.D

Acq: 11 Jul 2024 18:52

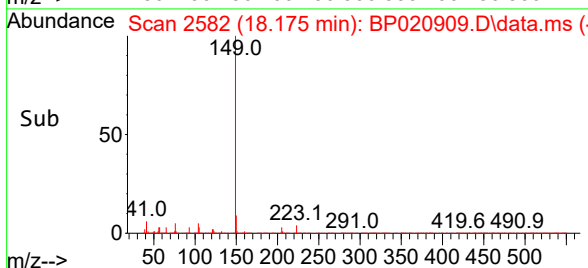
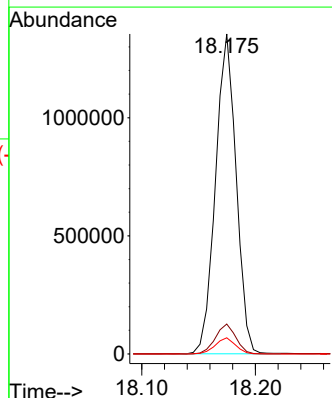
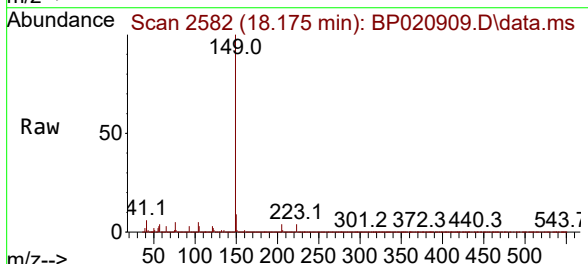
Tgt Ion:149 Resp: 1711490

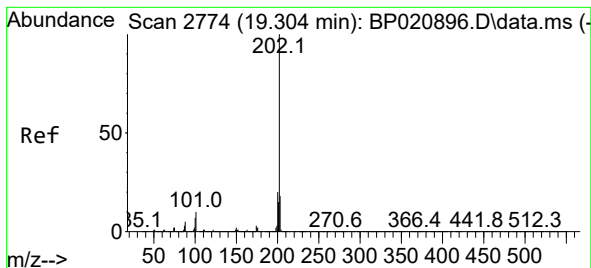
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

104 5.0 3.9 5.9





#80

Fluoranthene

Concen: 22.412 ng/ul

RT: 19.304 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP020909.D

Acq: 11 Jul 2024 18:52

Instrument :

BNA_P

ClientSampleId :

SLCS883

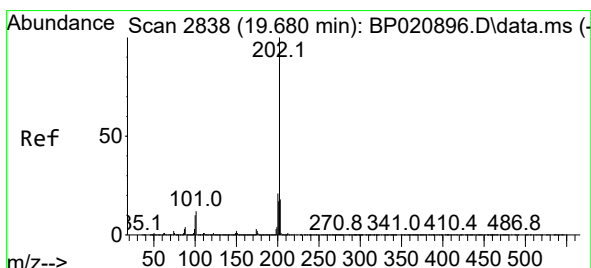
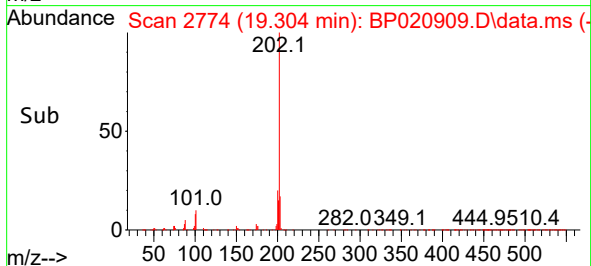
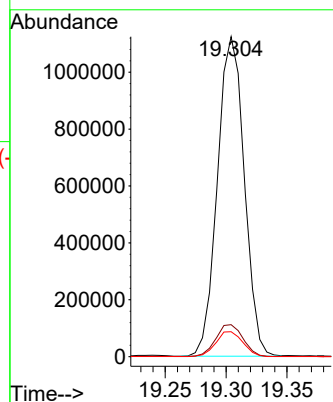
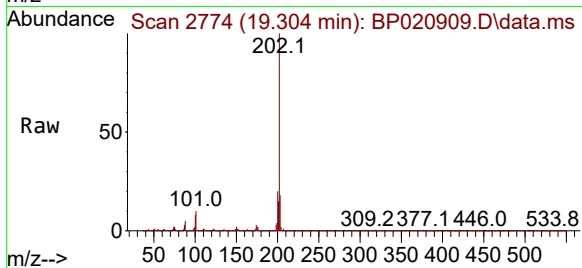
Tgt Ion:202 Resp: 1725121

Ion Ratio Lower Upper

202 100

101 10.0 8.0 12.0

100 7.8 6.1 9.1



#82

Pyrene

Concen: 23.409 ng/ul

RT: 19.686 min Scan# 2839

Delta R.T. -0.006 min

Lab File: BP020909.D

Acq: 11 Jul 2024 18:52

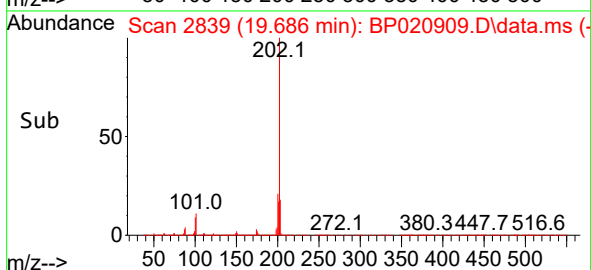
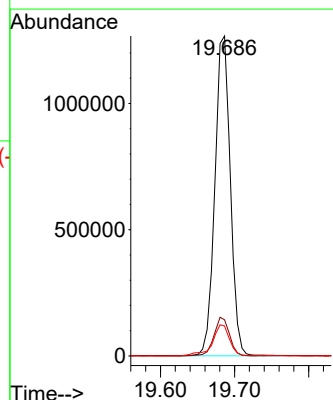
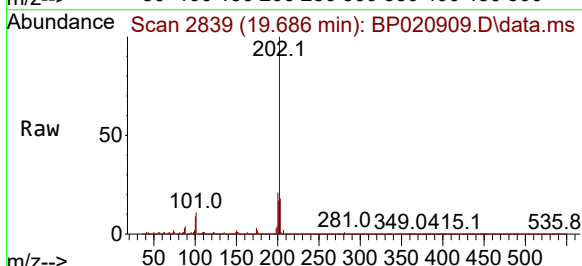
Tgt Ion:202 Resp: 1833559

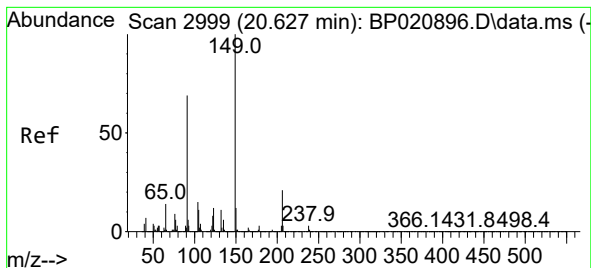
Ion Ratio Lower Upper

202 100

101 11.3 9.4 14.2

100 9.3 7.8 11.6





#83

Butylbenzylphthalate

Concen: 23.949 ng/ul

RT: 20.633 min Scan# 3000

Delta R.T. -0.006 min

Lab File: BP020909.D

Acq: 11 Jul 2024 18:52

Instrument :

BNA_P

ClientSampleId :

SLCS883

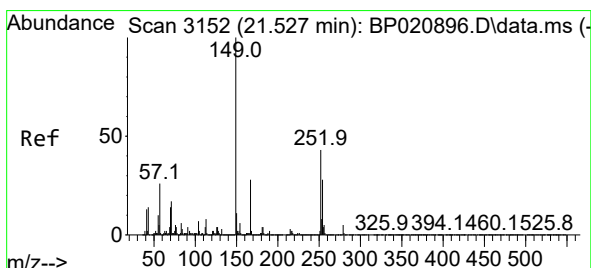
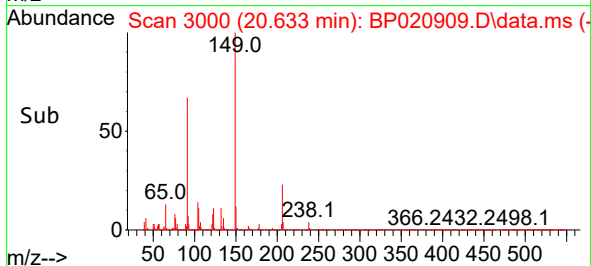
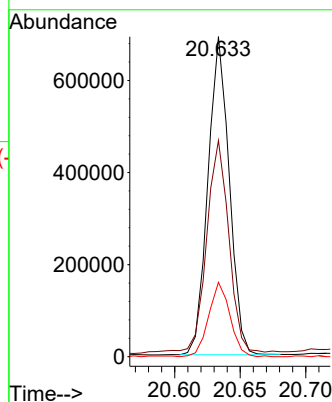
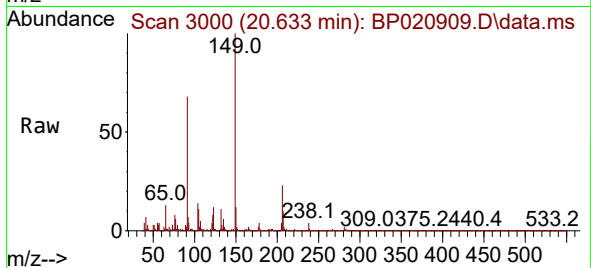
Tgt Ion:149 Resp: 781593

Ion Ratio Lower Upper

149 100

91 67.6 54.1 81.1

206 23.2 17.0 25.6



#84

3,3'-Dichlorobenzidine

Concen: 25.522 ng/ul

RT: 21.533 min Scan# 3153

Delta R.T. -0.006 min

Lab File: BP020909.D

Acq: 11 Jul 2024 18:52

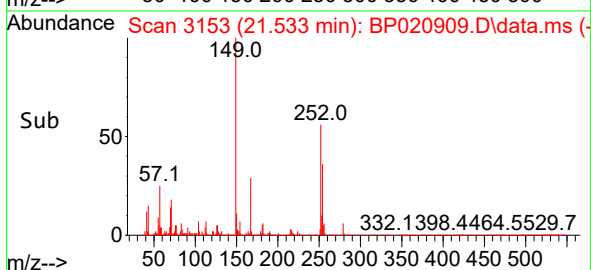
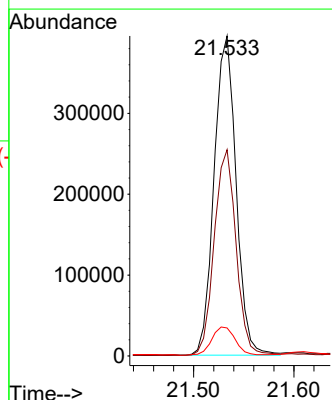
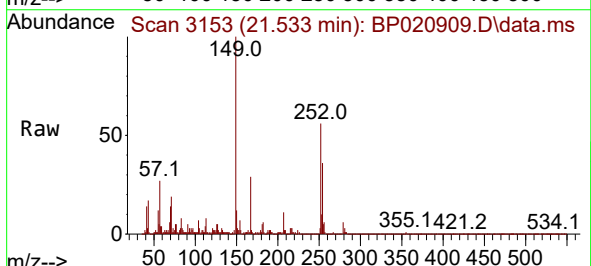
Tgt Ion:252 Resp: 601258

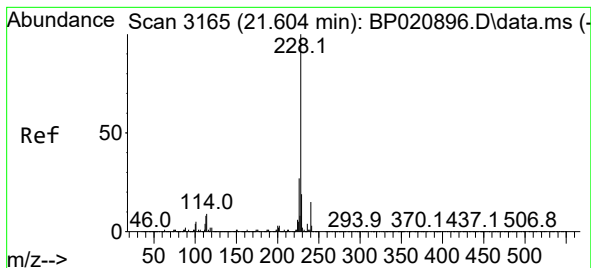
Ion Ratio Lower Upper

252 100

254 64.4 51.5 77.3

126 8.8 8.0 12.0





#85

Benzo(a)anthracene

Concen: 25.578 ng/ul

RT: 21.610 min Scan# 3166

Delta R.T. 0.000 min

Lab File: BP020909.D

Acq: 11 Jul 2024 18:52

Instrument :

BNA_P

ClientSampleId :

SLCS883

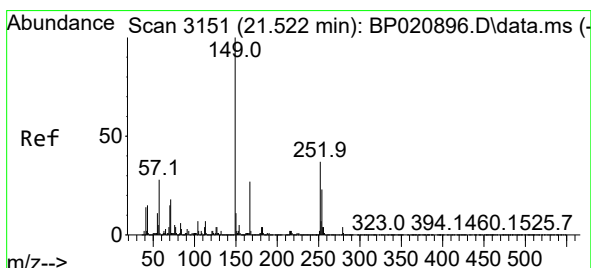
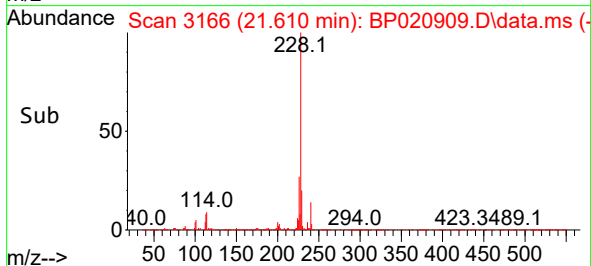
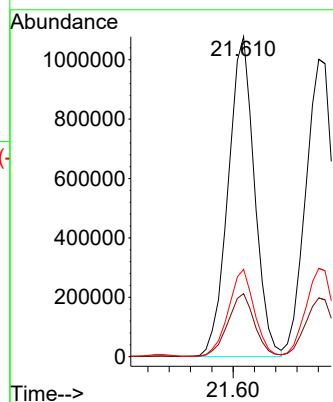
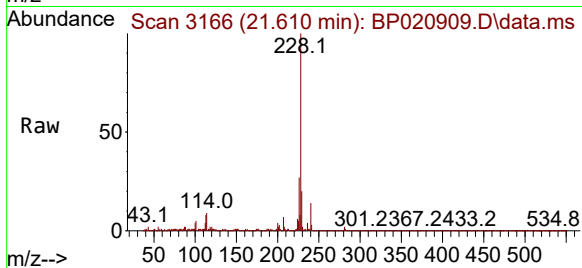
Tgt Ion:228 Resp: 1847279

Ion Ratio Lower Upper

228 100

229 19.7 15.5 23.3

226 27.3 21.4 32.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 24.016 ng/ul

RT: 21.527 min Scan# 3152

Delta R.T. -0.012 min

Lab File: BP020909.D

Acq: 11 Jul 2024 18:52

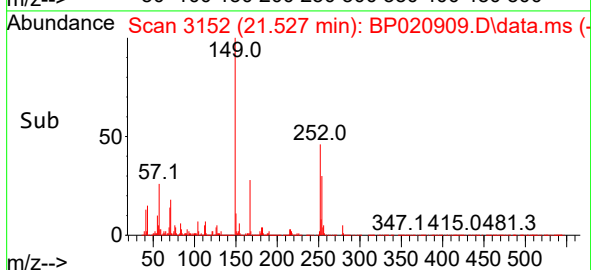
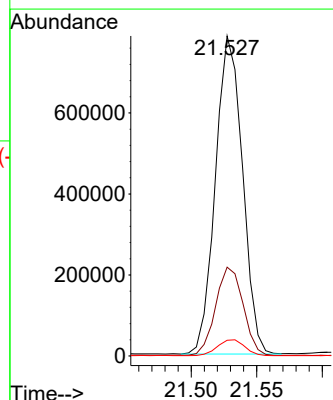
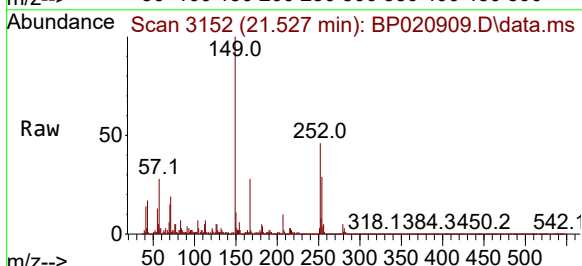
Tgt Ion:149 Resp: 1127935

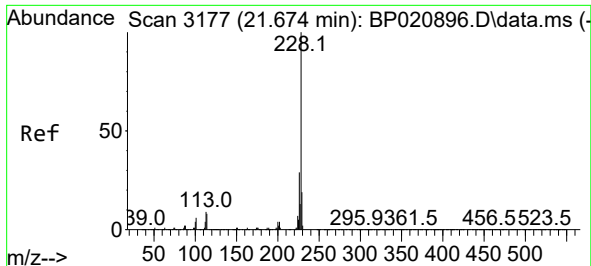
Ion Ratio Lower Upper

149 100

167 27.7 22.1 33.1

279 4.9 3.7 5.5

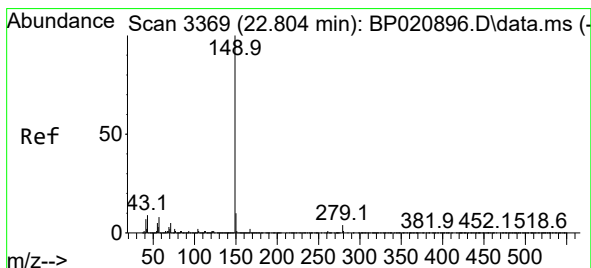
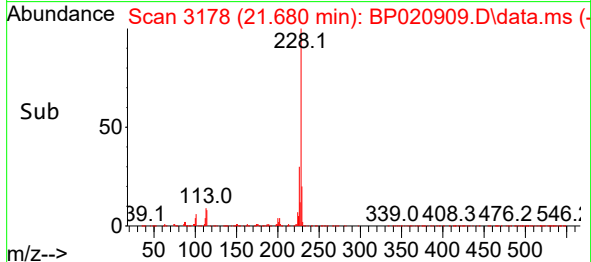
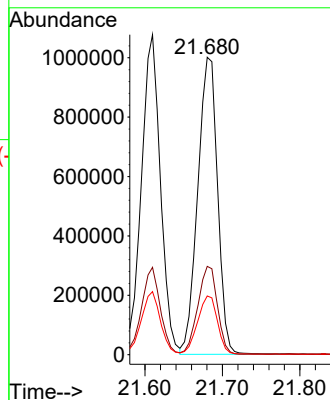
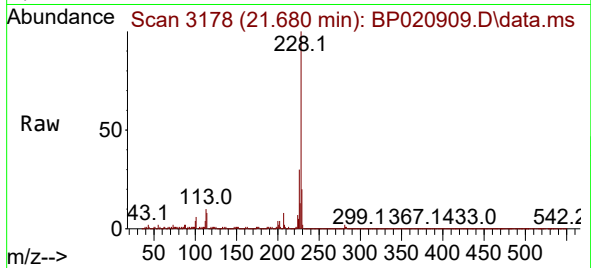




#87
Chrysene
Concen: 26.498 ng/ul
RT: 21.680 min Scan# 3177
Delta R.T. 0.006 min
Lab File: BP020909.D
Acq: 11 Jul 2024 18:52

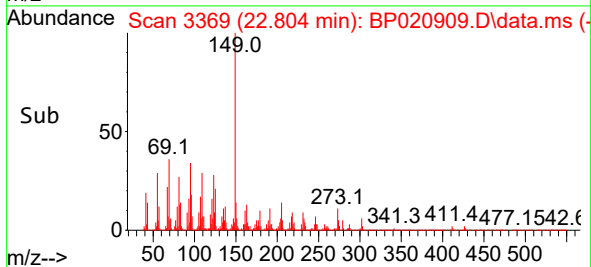
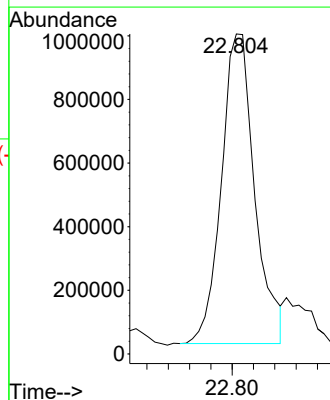
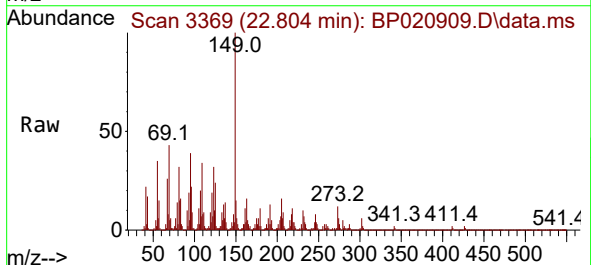
Instrument :
BNA_P
ClientSampleId :
SLCS883

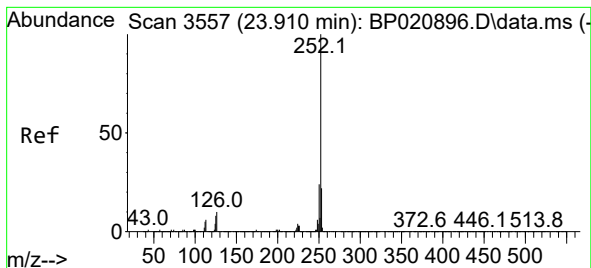
Tgt Ion:228 Resp: 1778212
Ion Ratio Lower Upper
228 100
226 29.7 23.6 35.4
229 19.8 15.5 23.3



#89
Di-n-octyl phthalate
Concen: 25.597 ng/ul
RT: 22.804 min Scan# 3369
Delta R.T. 0.000 min
Lab File: BP020909.D
Acq: 11 Jul 2024 18:52

Tgt Ion:149 Resp: 2116629





#90

Benzo(b)fluoranthene

Concen: 25.439 ng/ul

RT: 23.921 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP020909.D

Acq: 11 Jul 2024 18:52

Instrument :

BNA_P

ClientSampleId :

SLCS883

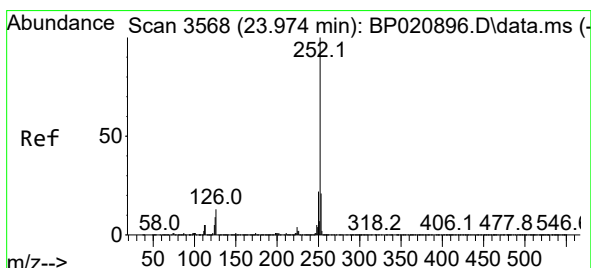
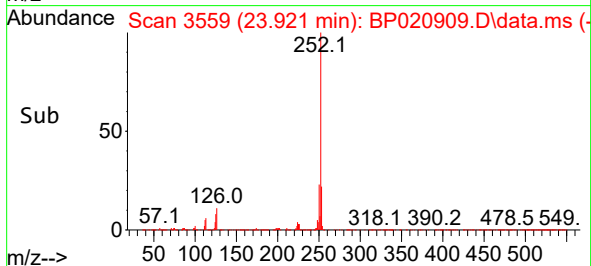
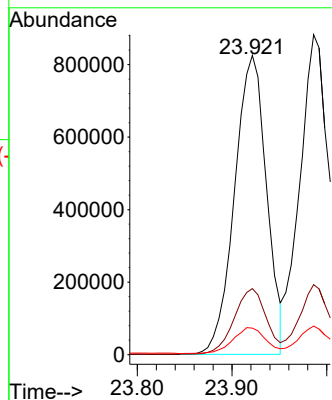
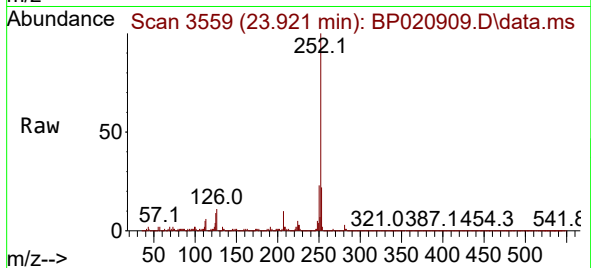
Tgt Ion:252 Resp: 1932390

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

125 8.9 7.0 10.4



#91

Benzo(k)fluoranthene

Concen: 25.602 ng/ul

RT: 23.986 min Scan# 3570

Delta R.T. -0.006 min

Lab File: BP020909.D

Acq: 11 Jul 2024 18:52

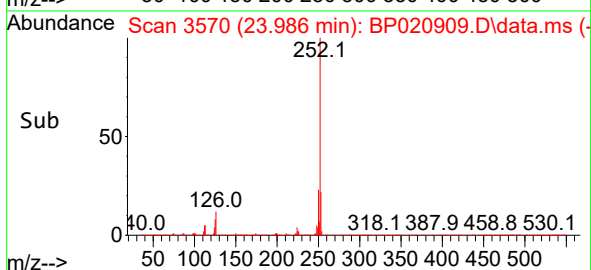
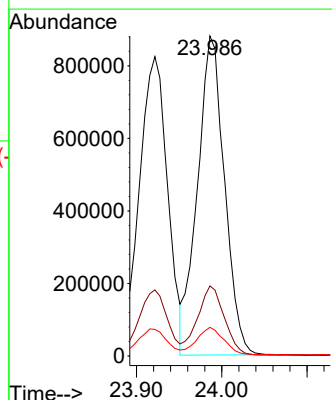
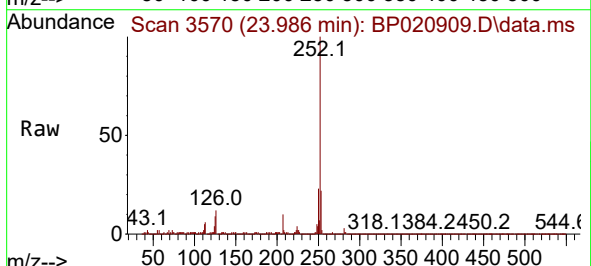
Tgt Ion:252 Resp: 1940808

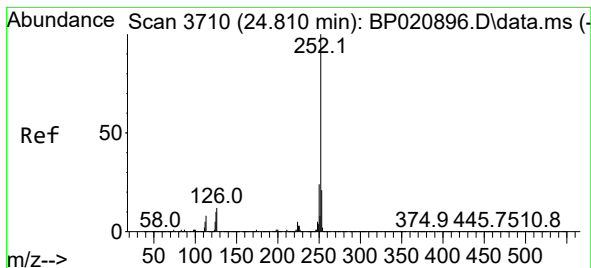
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 8.9 7.4 11.0





#93

Benzo(a)pyrene

Concen: 23.777 ng/ul

RT: 24.821 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP020909.D

Acq: 11 Jul 2024 18:52

Instrument :

BNA_P

ClientSampleId :

SLCS883

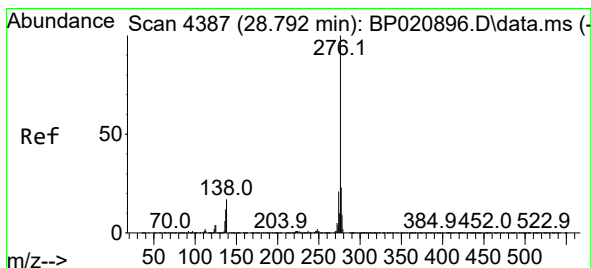
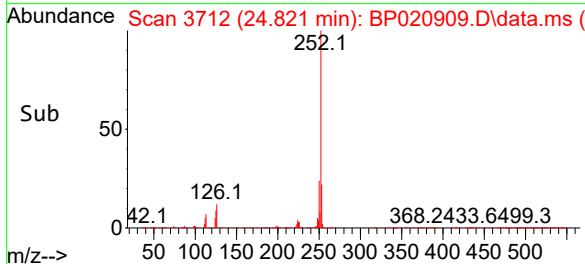
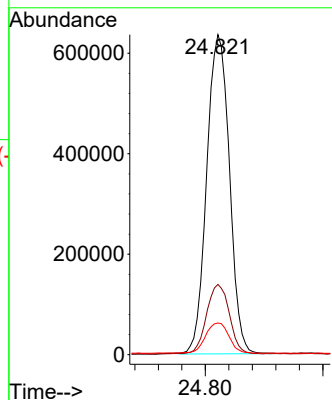
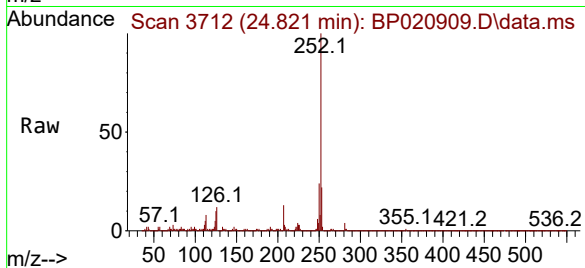
Tgt Ion:252 Resp: 1706764

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 9.9 7.7 11.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 25.798 ng/ul

RT: 28.792 min Scan# 4387

Delta R.T. 0.006 min

Lab File: BP020909.D

Acq: 11 Jul 2024 18:52

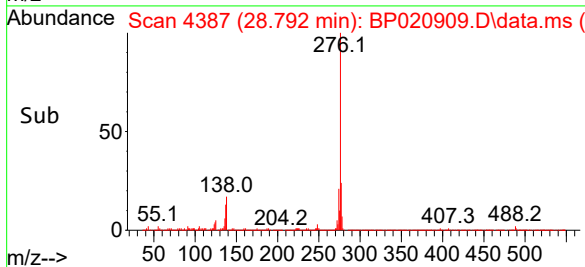
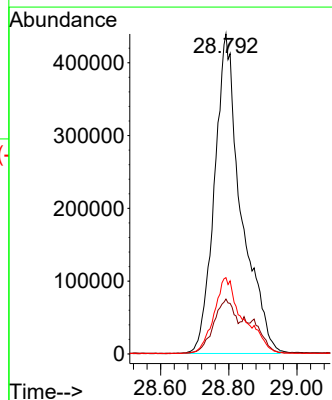
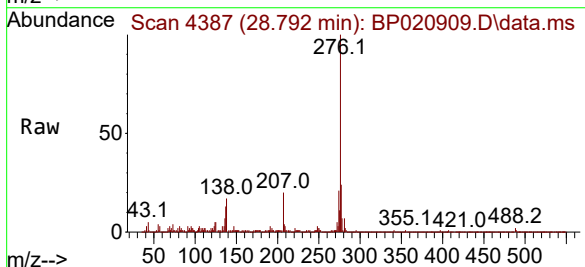
Tgt Ion:276 Resp: 2386272

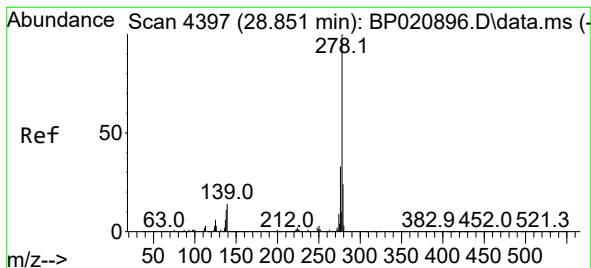
Ion Ratio Lower Upper

276 100

138 17.2 14.3 21.5

277 23.8 19.2 28.8





#95

Dibenzo(a,h)anthracene

Concen: 25.735 ng/ul

RT: 28.874 min Scan# 4401

Delta R.T. 0.012 min

Lab File: BP020909.D

Acq: 11 Jul 2024 18:52

Instrument :

BNA_P

ClientSampleId :

SLCS883

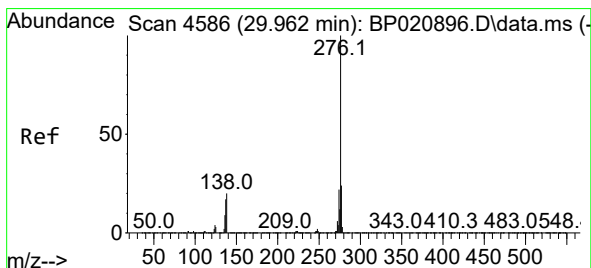
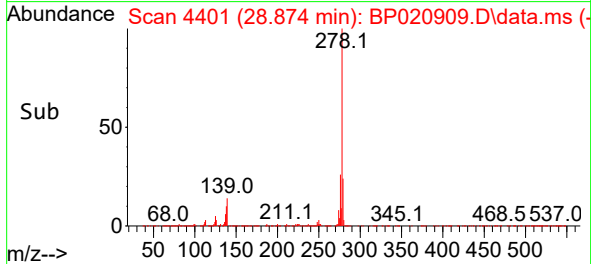
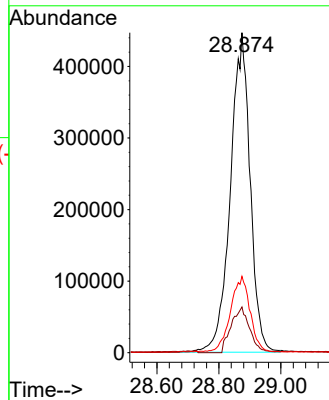
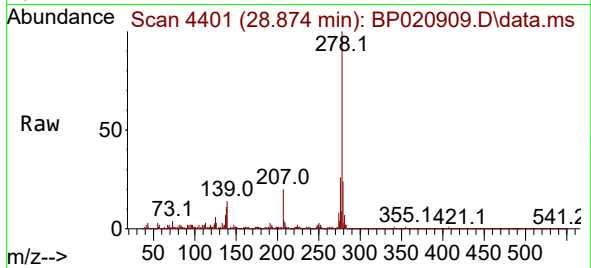
Tgt Ion:278 Resp: 1971187

Ion Ratio Lower Upper

278 100

139 14.3 10.9 16.3

279 23.8 19.4 29.0



#96

Benzo(g,h,i)perylene

Concen: 24.754 ng/ul

RT: 29.968 min Scan# 4587

Delta R.T. -0.018 min

Lab File: BP020909.D

Acq: 11 Jul 2024 18:52

Tgt Ion:276 Resp: 1864728

Ion Ratio Lower Upper

276 100

138 18.9 15.3 22.9

277 24.0 18.2 27.2

