

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
 Data File : BP020051.D
 Acq On : 20 Apr 2024 20:14
 Operator : MA/JU
 Sample : PB160383BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS383

Quant Time: Apr 21 23:44:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 20 01:32:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	83459	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	345958	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	242055	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.157	188	530447	20.000	ng/u1	0.00
79) Chrysene-d12	21.668	240	519948	20.000	ng/u1	0.01
88) Perylene-d12	25.056	264	567840	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	16842	8.269	ng/uL	0.00
4) Pyridine-d5	3.628	84	157800	26.320	ng/u1	0.00
7) Phenol-d5	6.816	99	241451	33.194	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	162177	31.899	ng/u1	0.00
11) 2-Chlorophenol-d4	7.175	132	170713	34.374	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	187116	32.932	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	87702	35.242	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	98520	36.625	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	187676	35.169	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	196514	27.585	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	597214	36.102	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	670490	34.006	ng/u1	0.00
54) 4-Nitrophenol-d4	14.551	143	94956	37.708	ng/u1	0.00
60) Fluorene-d10	15.333	176	511091	34.708	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.486	200	109907	35.466	ng/u1	0.00
73) Anthracene-d10	17.257	188	794778	33.444	ng/u1	0.00
81) Pyrene-d10	19.669	212	969264	34.688	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.833	264	975384	35.163	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.263	88	24230	10.583	ng/uL	94
5) Pyridine	3.646	79	184457	29.715	ng/u1	99
6) Benzaldehyde	6.804	77	146258	33.636	ng/u1	99
8) Phenol	6.846	94	250470	32.677	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.081	93	194880	31.137	ng/u1	97
12) 2-Chlorophenol	7.204	128	175606	33.556	ng/u1	97
13) 2-Methylphenol	8.075	108	182694	32.523	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.163	45	279668	30.572	ng/u1	100
16) Acetophenone	8.463	105	307395	31.583	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.446	70	182473	32.095	ng/u1	99
18) 4-Methylphenol	8.404	108	194748	32.581	ng/u1	100
19) Hexachloroethane	8.687	117	83346	32.358	ng/u1	95
22) Nitrobenzene	8.840	77	263216	32.456	ng/u1	99
23) Isophorone	9.357	82	491918	32.681	ng/u1	99
25) 2-Nitrophenol	9.540	139	101402	35.390	ng/u1	97
26) 2,4-Dimethylphenol	9.593	107	207957	30.340	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.840	93	270490	32.049	ng/u1	98
29) 2,4-Dichlorophenol	10.069	162	181987	35.023	ng/u1	98
30) Naphthalene	10.463	128	574793	32.039	ng/u1	100
32) 4-Chloroaniline	10.587	127	214406	30.335	ng/u1	97
33) Hexachlorobutadiene	10.728	225	137621	32.208	ng/u1	100
34) Caprolactam	11.404	113	45237	27.777	ng/u1	94
35) 4-Chloro-3-methylphenol	11.722	107	223473	35.872	ng/u1	99
36) 2-Methylnaphthalene	12.087	142	407317	32.886	ng/u1	99

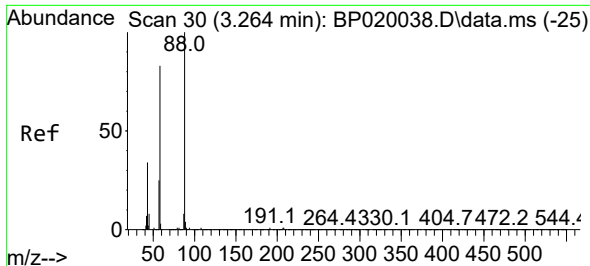
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
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 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 20 01:32:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.304	142	416938	33.898	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.457	216	258256	32.738	ng/ul#	96
40) Hexachlorocyclopentadiene	12.422	237	113822	25.046	ng/ul	99
41) 2,4,6-Trichlorophenol	12.710	196	160493	33.955	ng/ul	98
42) 2,4,5-Trichlorophenol	12.792	196	173760	35.365	ng/ul	99
43) 1,1'-Biphenyl	13.122	154	556304	32.057	ng/ul	99
44) 2-Chloronaphthalene	13.157	162	439712	31.718	ng/ul	99
45) 2-Nitroaniline	13.386	65	168148	37.333	ng/ul	99
47) Dimethylphthalate	13.775	163	577049	33.971	ng/ul	99
48) 2,6-Dinitrotoluene	13.904	165	116539	36.357	ng/ul	98
50) Acenaphthylene	14.028	152	705323	31.735	ng/ul	99
51) 3-Nitroaniline	14.239	138	108730	35.838	ng/ul	91
52) Acenaphthene	14.375	153	466030	31.810	ng/ul	97
53) 2,4-Dinitrophenol	14.469	184	71233	36.956	ng/ul	97
55) 4-Nitrophenol	14.569	109	109244	38.077	ng/ul	93
56) Dibenzofuran	14.722	168	678011	33.520	ng/ul	98
57) 2,4-Dinitrotoluene	14.722	165	171802	37.861	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	14.957	232	154811	36.385	ng/ul	97
59) Diethylphthalate	15.175	149	574456	33.677	ng/ul	98
61) Fluorene	15.392	166	557633	33.366	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.392	204	296502	32.653	ng/ul	98
63) 4-Nitroaniline	15.445	138	107898	40.055	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.498	198	113356	35.194	ng/ul	97
67) N-Nitrosodiphenylamine	15.622	169	475905	32.434	ng/ul	97
68) 4-Bromophenyl-phenylether	16.322	248	183960	31.621	ng/ul	96
69) Hexachlorobenzene	16.422	284	204052	32.402	ng/ul	99
70) Atrazine	16.622	200	139757	25.937	ng/ul	97
71) Pentachlorophenol	16.792	266	128626	33.698	ng/ul	100
72) Phenanthrene	17.198	178	888730	32.267	ng/ul	100
74) Anthracene	17.298	178	891036	31.720	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.075	216	257475	30.616	ng/uL	96
76) Pentachlorobenzene	14.628	250	240764	30.424	ng/uL	99
77) Carbazole	17.592	167	813546	33.798	ng/ul	99
78) Di-n-butylphthalate	18.198	149	993090	34.196	ng/ul	99
80) Fluoranthene	19.321	202	1079466	32.859	ng/ul	100
82) Pyrene	19.698	202	1157974	33.880	ng/ul	100
83) Butylbenzylphthalate	20.674	149	457587	35.113	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.586	252	367229	31.941	ng/ul	100
85) Benzo(a)anthracene	21.651	228	1164044	32.365	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.598	149	680487	33.872	ng/ul	100
87) Chrysene	21.721	228	1119577	33.055	ng/ul	100
89) Di-n-octyl phthalate	22.915	149	1169189	33.315	ng/ul	100
90) Benzo(b)fluoranthene	23.980	252	1171738	34.239	ng/ul	99
91) Benzo(k)fluoranthene	24.057	252	1143506	32.593	ng/ul	100
93) Benzo(a)pyrene	24.904	252	975759	29.588	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.915	276	1113463	29.117	ng/ul	97
95) Dibenzo(a,h)anthracene	29.015	278	547629	17.576	ng/ul	98
96) Benzo(g,h,i)perylene	30.103	276	467892	15.297	ng/ul	98

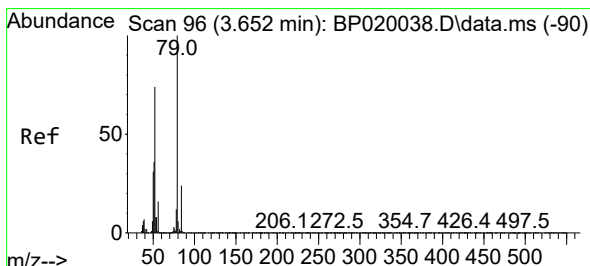
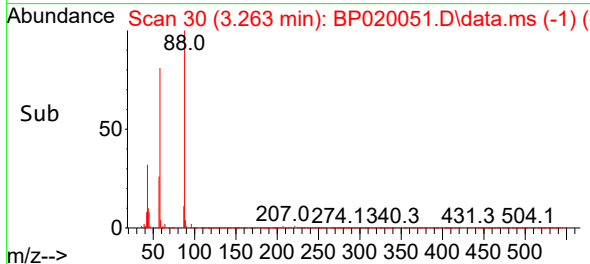
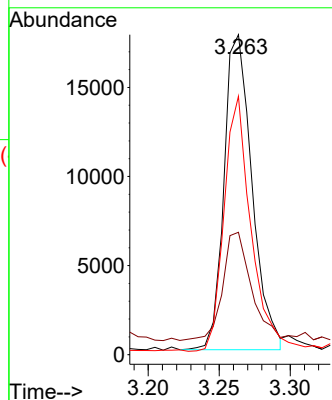
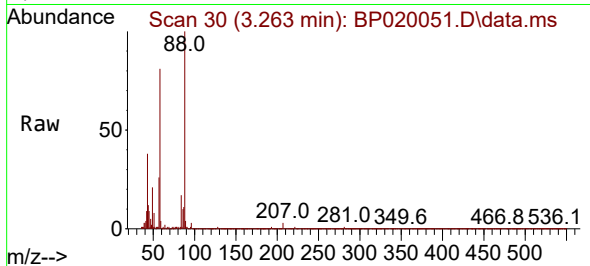
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#2
 1,4-Dioxane
 Concen: 10.583 ng/uL
 RT: 3.263 min Scan# 30
 Delta R.T. -0.001 min
 Lab File: BP020051.D
 Acq: 20 Apr 2024 20:14

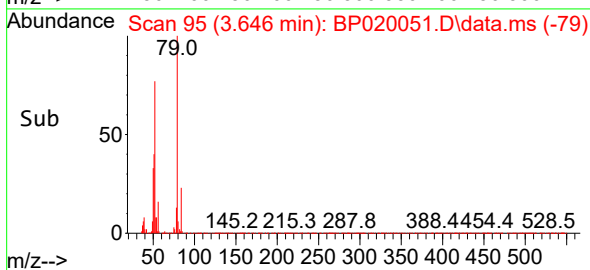
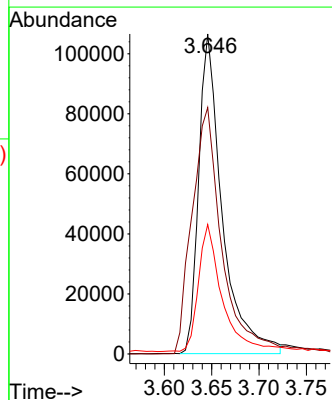
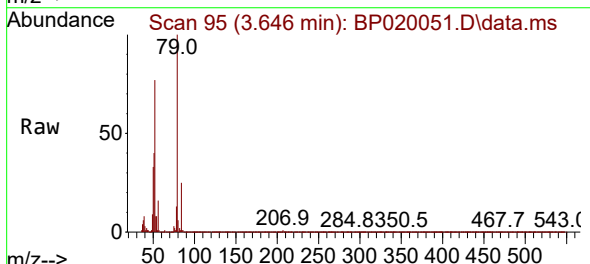
Instrument :
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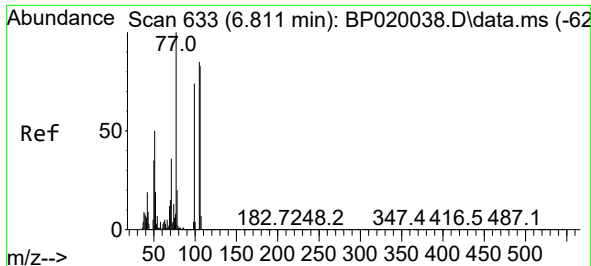
Tgt Ion:	88	Resp:	24230
Ion	Ratio	Lower	Upper
88	100		
43	38.2	26.6	40.0
58	80.7	61.4	92.2



#5
 Pyridine
 Concen: 29.715 ng/uL
 RT: 3.646 min Scan# 95
 Delta R.T. -0.006 min
 Lab File: BP020051.D
 Acq: 20 Apr 2024 20:14

Tgt Ion:	79	Resp:	184457
Ion	Ratio	Lower	Upper
79	100		
52	77.0	61.0	91.4
51	40.5	31.5	47.3

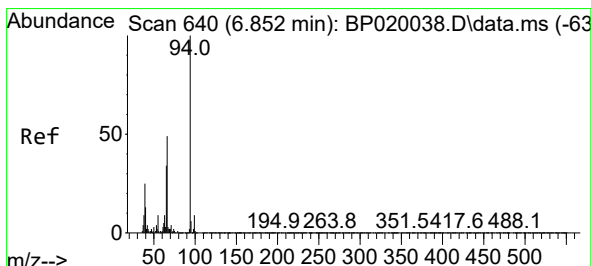
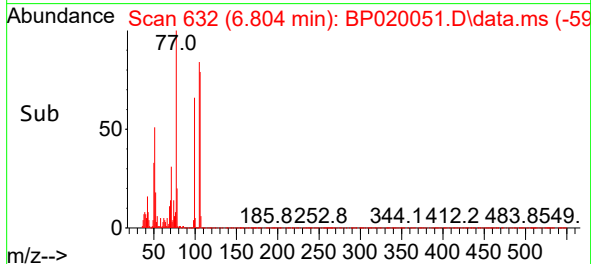
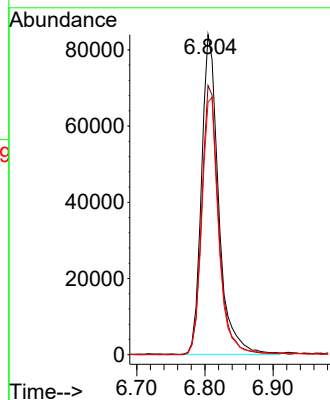
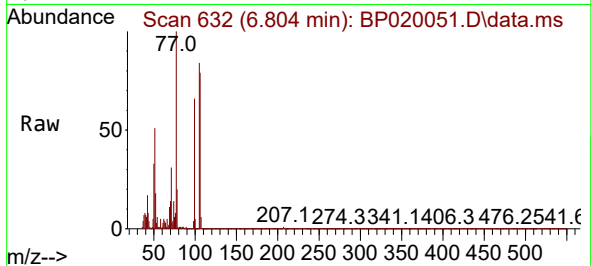




#6
Benzaldehyde
Concen: 33.636 ng/ul
RT: 6.804 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP020051.D
Acq: 20 Apr 2024 20:14

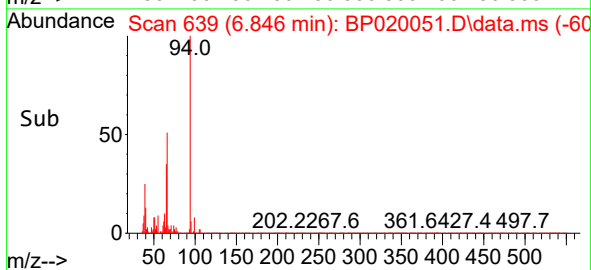
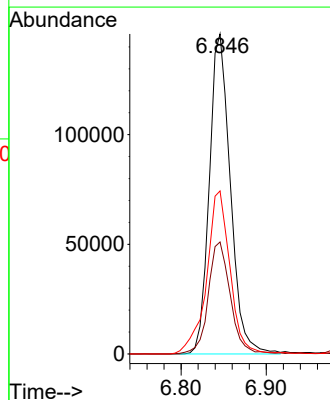
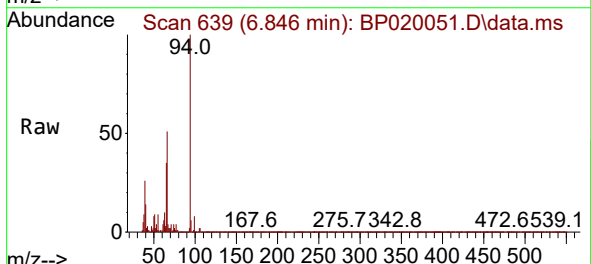
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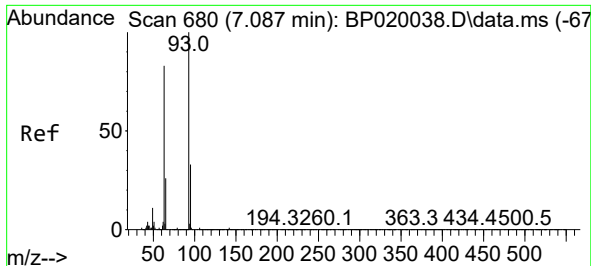
Tgt Ion: 77 Resp: 146258
Ion Ratio Lower Upper
77 100
105 84.1 68.7 103.1
106 79.0 63.7 95.5



#8
Phenol
Concen: 32.677 ng/ul
RT: 6.846 min Scan# 639
Delta R.T. -0.000 min
Lab File: BP020051.D
Acq: 20 Apr 2024 20:14

Tgt Ion: 94 Resp: 250470
Ion Ratio Lower Upper
94 100
65 35.0 27.8 41.6
66 50.9 40.0 60.0

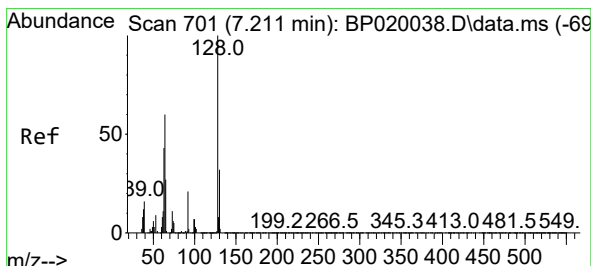
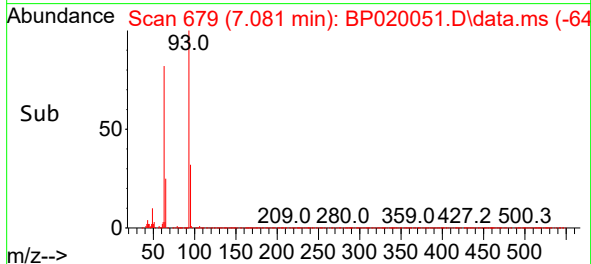
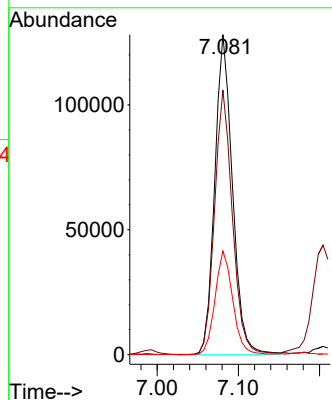
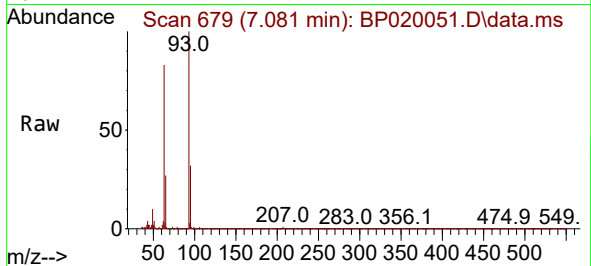




#10
 Bis(2-Chloroethyl)ether
 Concen: 31.137 ng/ul
 RT: 7.081 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BP020051.D
 Acq: 20 Apr 2024 20:14

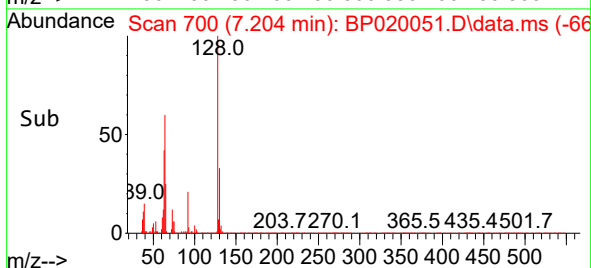
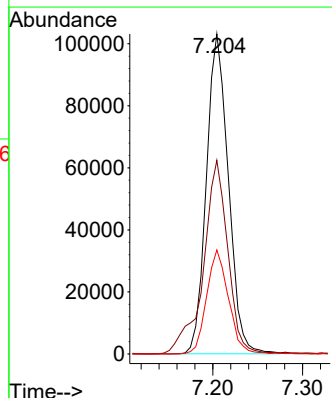
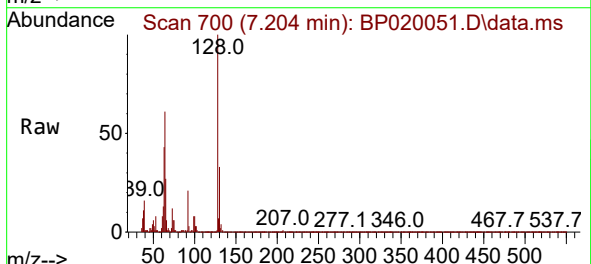
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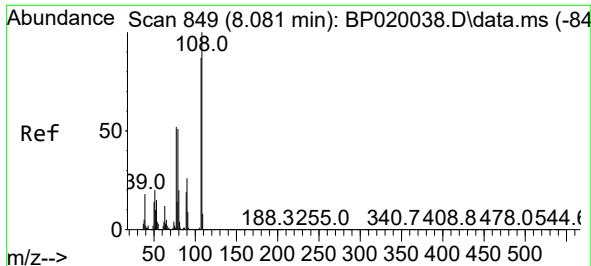
Tgt Ion: 93 Resp: 194880
 Ion Ratio Lower Upper
 93 100
 63 82.7 68.6 102.8
 95 32.4 26.6 39.8



#12
 2-Chlorophenol
 Concen: 33.556 ng/ul
 RT: 7.204 min Scan# 700
 Delta R.T. -0.000 min
 Lab File: BP020051.D
 Acq: 20 Apr 2024 20:14

Tgt Ion:128 Resp: 175606
 Ion Ratio Lower Upper
 128 100
 64 60.5 51.4 77.0
 130 32.5 26.5 39.7





#13

2-Methylphenol

Concen: 32.523 ng/ul

RT: 8.075 min Scan# 84

Delta R.T. -0.006 min

Lab File: BP020051.D

Acq: 20 Apr 2024 20:14

Instrument :

BNA_P

ClientSampleId :

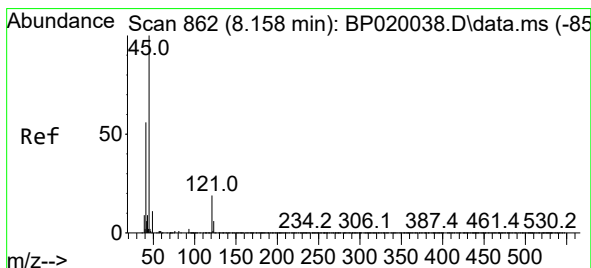
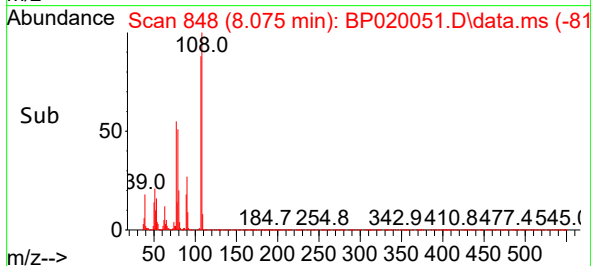
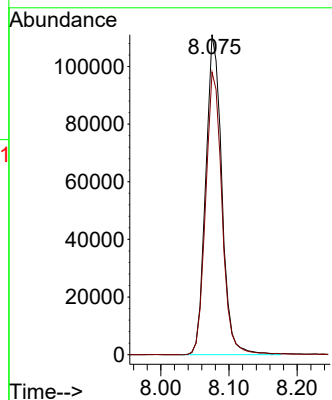
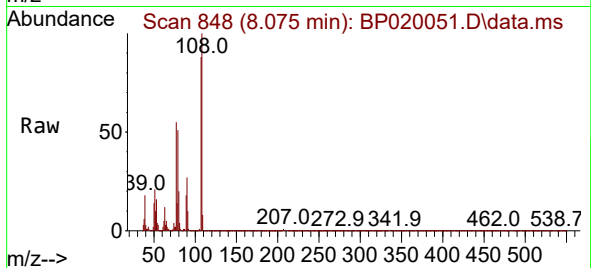
SLCS383

Tgt Ion:108 Resp: 182694

Ion Ratio Lower Upper

108 100

107 88.2 67.3 100.9



#14

2,2'-oxybis(1-Chloropropane)

Concen: 30.572 ng/ul

RT: 8.163 min Scan# 863

Delta R.T. 0.006 min

Lab File: BP020051.D

Acq: 20 Apr 2024 20:14

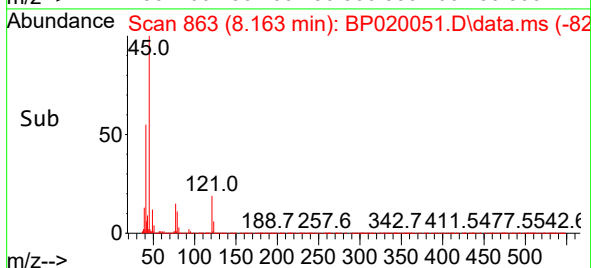
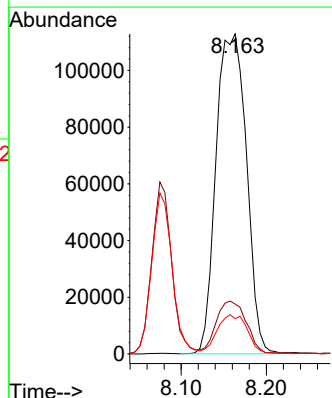
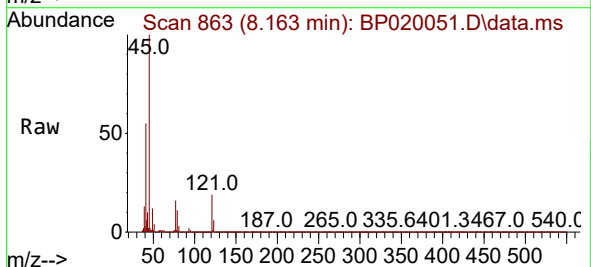
Tgt Ion: 45 Resp: 279668

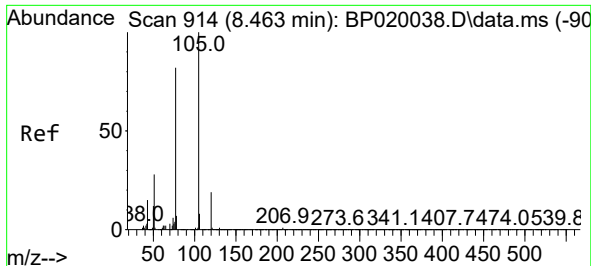
Ion Ratio Lower Upper

45 100

77 15.6 12.6 18.8

79 11.0 8.8 13.2

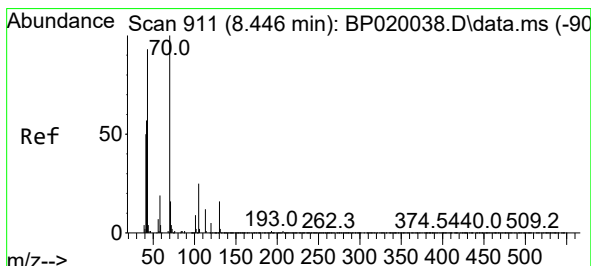
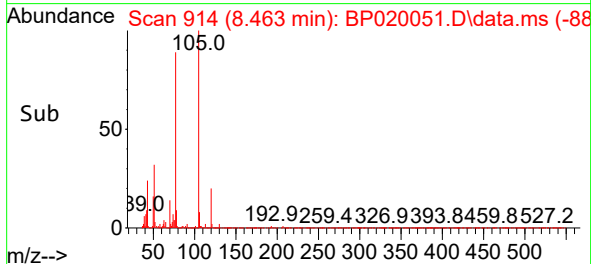
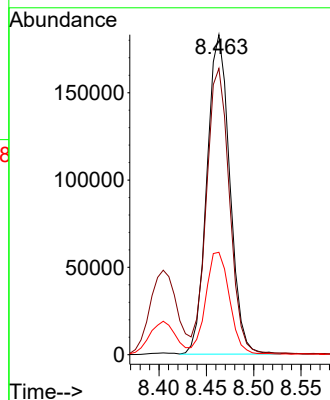
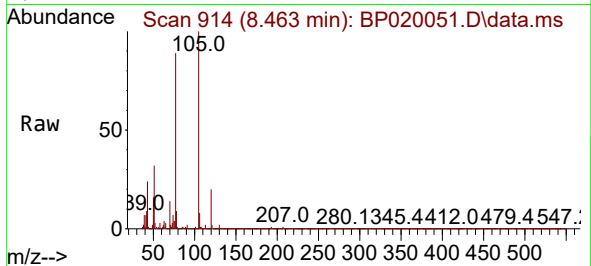




#16
Acetophenone
Concen: 31.583 ng/ul
RT: 8.463 min Scan# 914
Delta R.T. -0.000 min
Lab File: BP020051.D
Acq: 20 Apr 2024 20:14

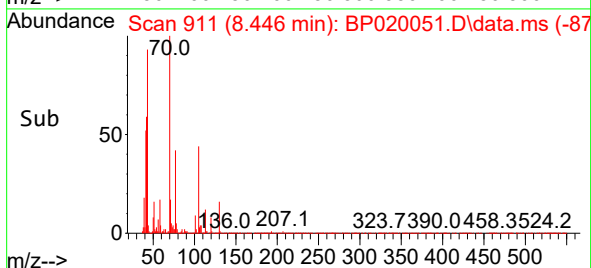
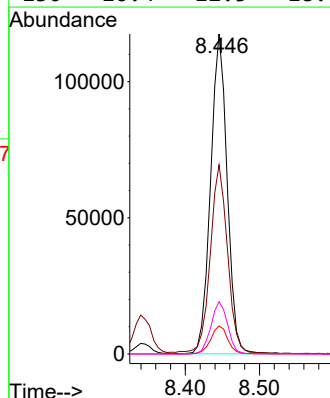
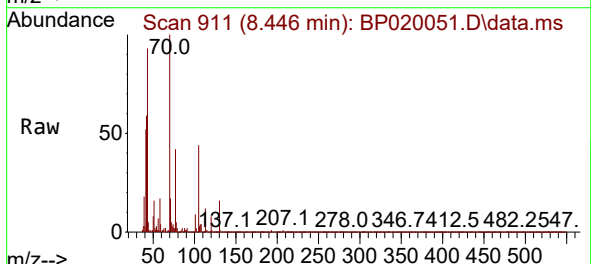
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SLCS383

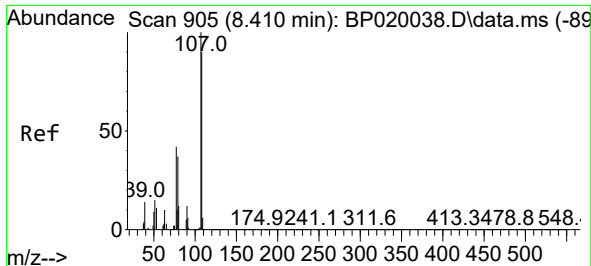
Tgt Ion:105 Resp: 307395
Ion Ratio Lower Upper
105 100
77 89.5 70.3 105.5
51 32.0 25.1 37.7



#17
N-Nitroso-di-n-propylamine
Concen: 32.095 ng/ul
RT: 8.446 min Scan# 911
Delta R.T. -0.000 min
Lab File: BP020051.D
Acq: 20 Apr 2024 20:14

Tgt Ion: 70 Resp: 182473
Ion Ratio Lower Upper
70 100
42 59.1 47.8 71.6
101 8.7 6.5 9.7
130 16.4 12.5 18.7

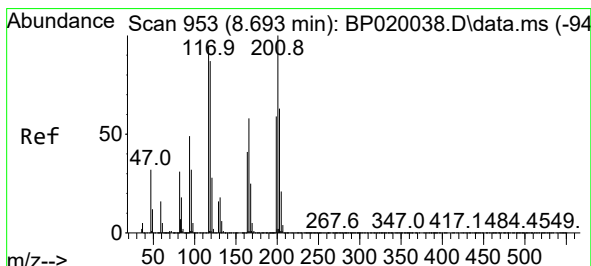
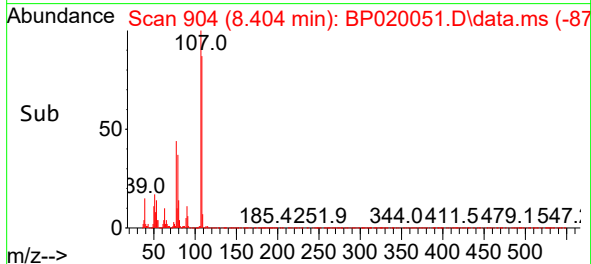
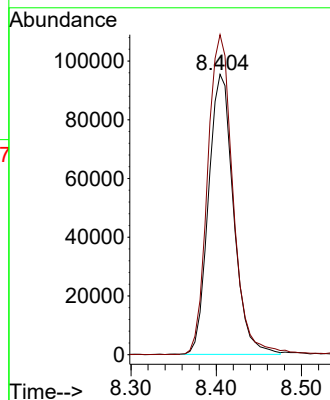
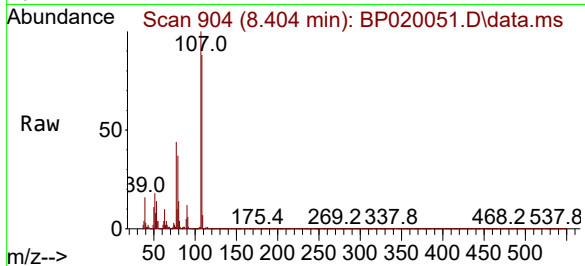




#18
4-Methylphenol
Concen: 32.581 ng/ul
RT: 8.404 min Scan# 905
Delta R.T. -0.000 min
Lab File: BP020051.D
Acq: 20 Apr 2024 20:14

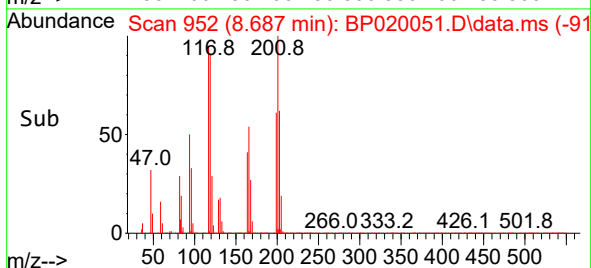
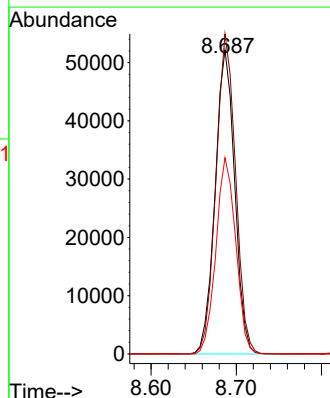
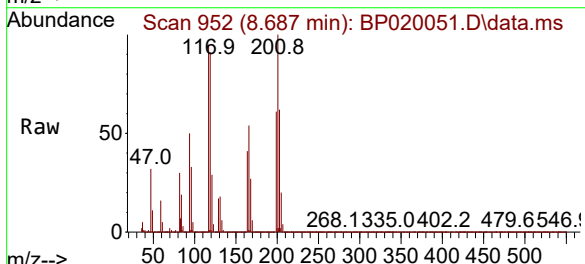
Instrument :
BNA_P
ClientSampleId :
SLCS383

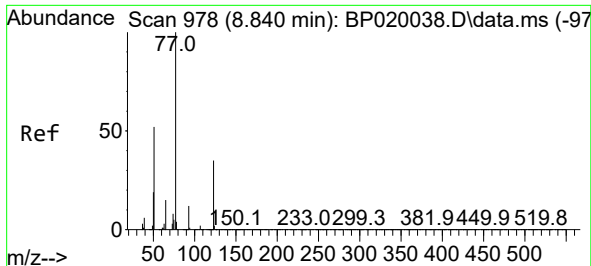
Tgt Ion:108 Resp: 194748
Ion Ratio Lower Upper
108 100
107 114.2 91.5 137.3



#19
Hexachloroethane
Concen: 32.358 ng/ul
RT: 8.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BP020051.D
Acq: 20 Apr 2024 20:14

Tgt Ion:117 Resp: 83346
Ion Ratio Lower Upper
117 100
201 105.2 87.8 131.6
199 64.5 55.0 82.6

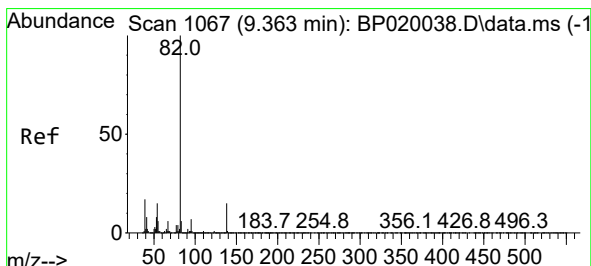
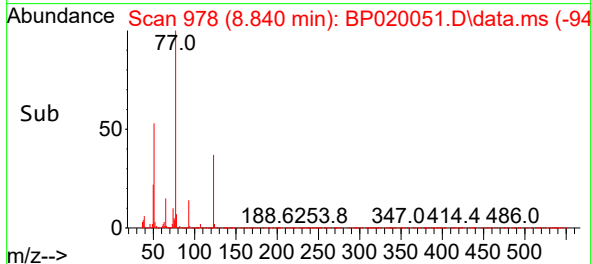
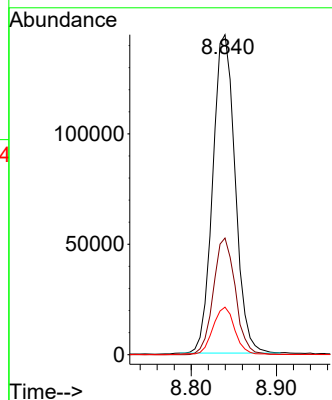
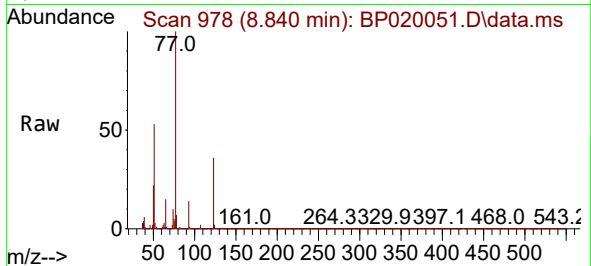




#22
Nitrobenzene
Concen: 32.456 ng/ul
RT: 8.840 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP020051.D
Acq: 20 Apr 2024 20:14

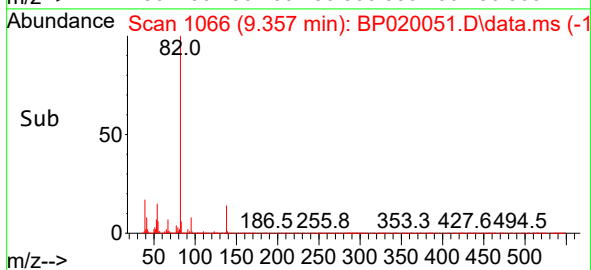
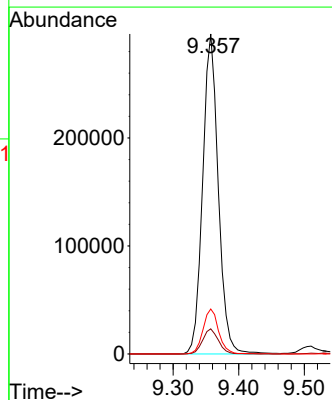
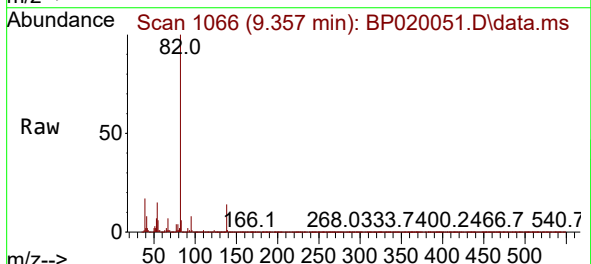
Instrument :
BNA_P
ClientSampleId :
SLCS383

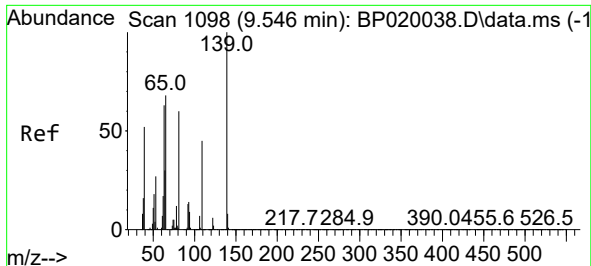
Tgt Ion: 77 Resp: 263216
Ion Ratio Lower Upper
77 100
123 36.5 28.5 42.7
65 14.9 11.7 17.5



#23
Isophorone
Concen: 32.681 ng/ul
RT: 9.357 min Scan# 1066
Delta R.T. -0.000 min
Lab File: BP020051.D
Acq: 20 Apr 2024 20:14

Tgt Ion: 82 Resp: 491918
Ion Ratio Lower Upper
82 100
95 7.9 6.0 9.0
138 14.1 10.9 16.3

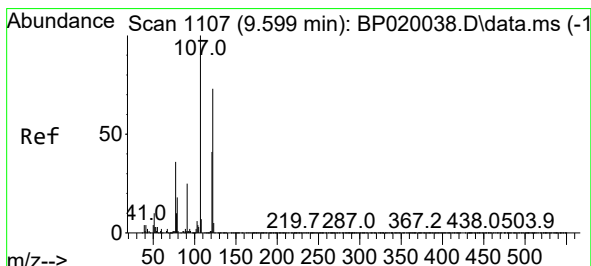
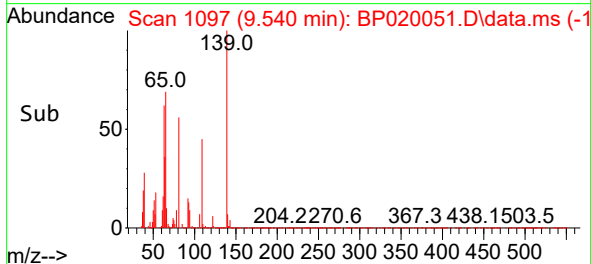
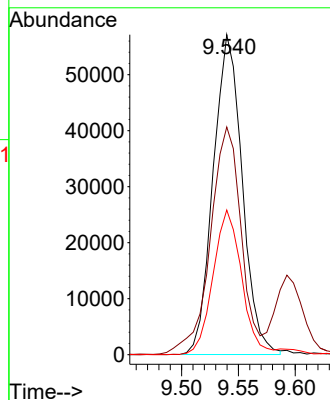
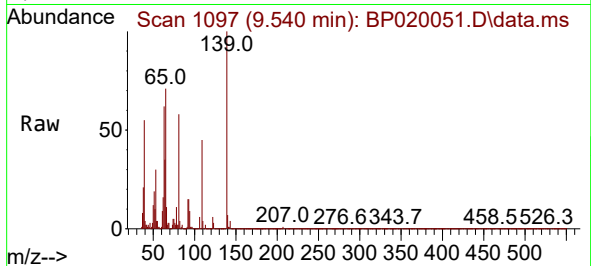




#25
2-Nitrophenol
Concen: 35.390 ng/ul
RT: 9.540 min Scan# 1098
Delta R.T. -0.000 min
Lab File: BP020051.D
Acq: 20 Apr 2024 20:14

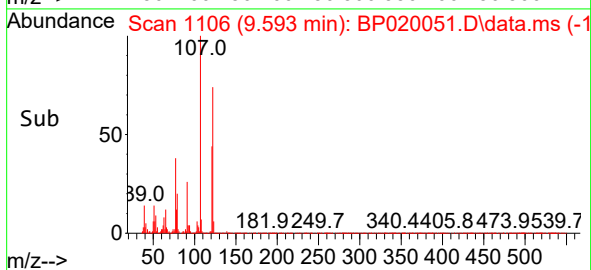
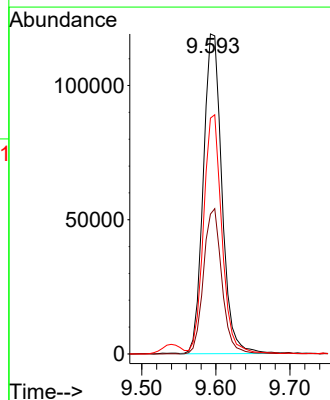
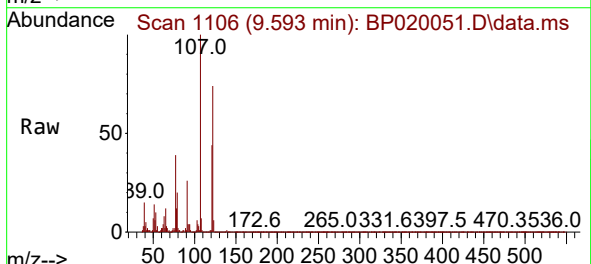
Instrument :
BNA_P
ClientSampleId :
SLCS383

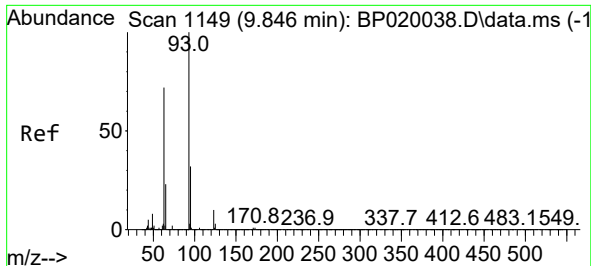
Tgt Ion:139 Resp: 101402
Ion Ratio Lower Upper
139 100
65 71.2 58.6 87.8
109 45.2 34.8 52.2



#26
2,4-Dimethylphenol
Concen: 30.340 ng/ul
RT: 9.593 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BP020051.D
Acq: 20 Apr 2024 20:14

Tgt Ion:107 Resp: 207957
Ion Ratio Lower Upper
107 100
121 43.7 34.0 51.0
122 73.7 58.9 88.3





#27

Bis(2-Chloroethoxy)methane

Concen: 32.049 ng/ul

RT: 9.840 min Scan# 1149

Delta R.T. -0.000 min

Lab File: BP020051.D

Acq: 20 Apr 2024 20:14

Instrument :

BNA_P

ClientSampleId :

SLCS383

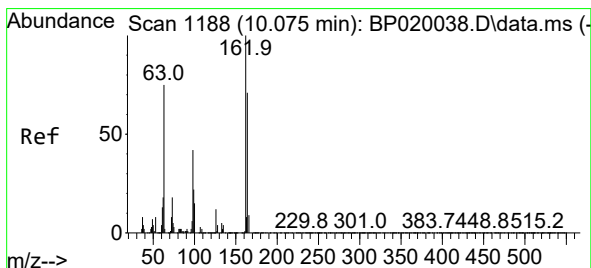
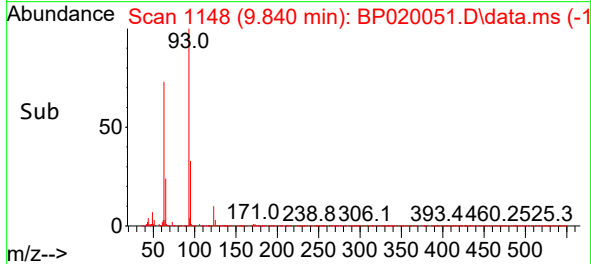
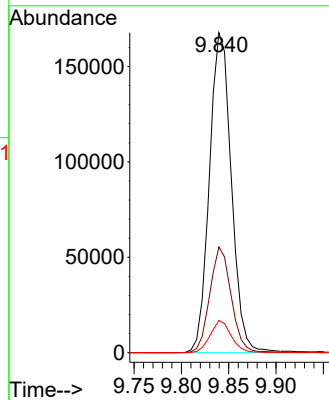
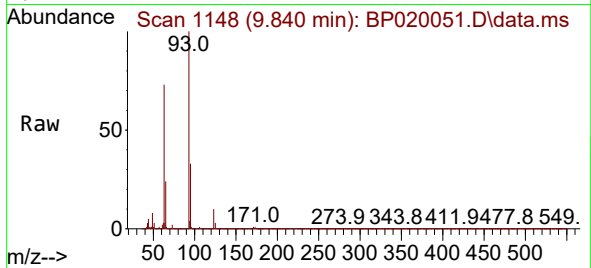
Tgt Ion: 93 Resp: 270490

Ion Ratio Lower Upper

93 100

95 33.0 25.4 38.0

123 10.1 7.5 11.3



#29

2,4-Dichlorophenol

Concen: 35.023 ng/ul

RT: 10.069 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BP020051.D

Acq: 20 Apr 2024 20:14

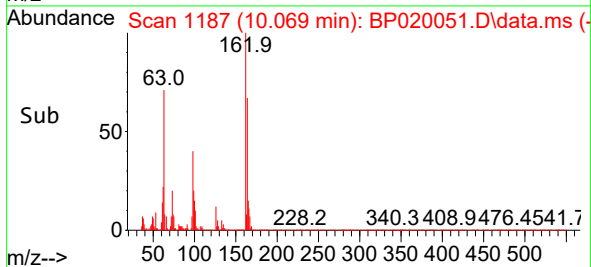
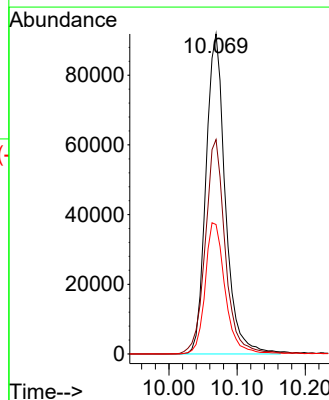
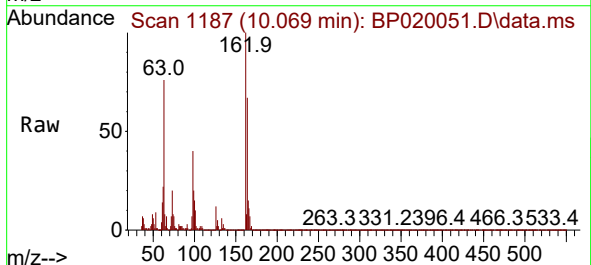
Tgt Ion:162 Resp: 181987

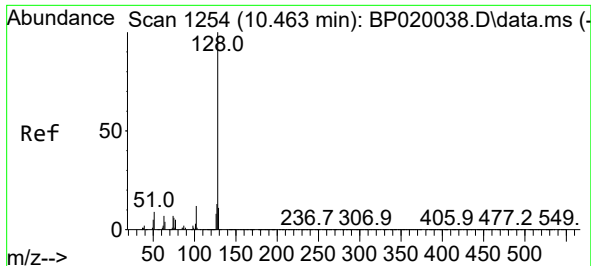
Ion Ratio Lower Upper

162 100

164 67.0 51.7 77.5

98 40.4 32.8 49.2

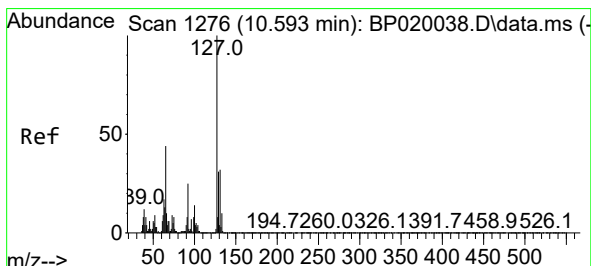
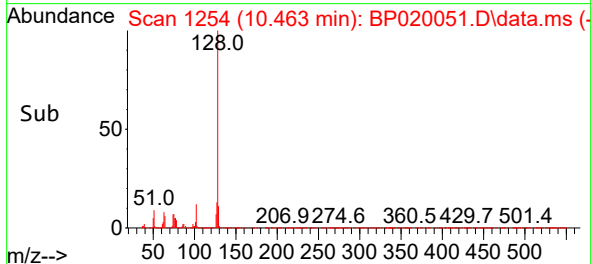
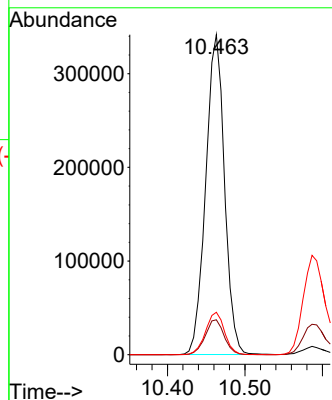
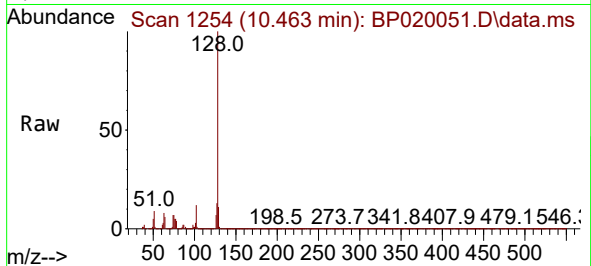




#30
Naphthalene
Concen: 32.039 ng/ul
RT: 10.463 min Scan# 1254
Delta R.T. 0.006 min
Lab File: BP020051.D
Acq: 20 Apr 2024 20:14

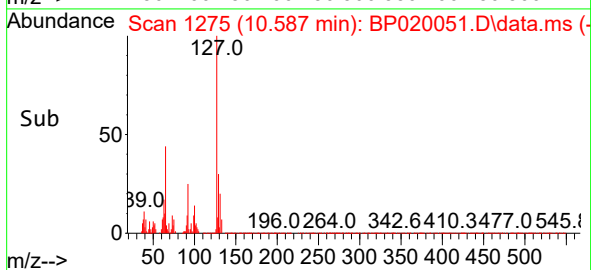
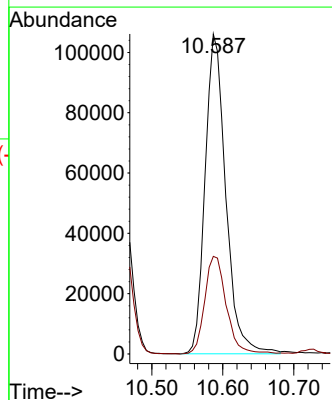
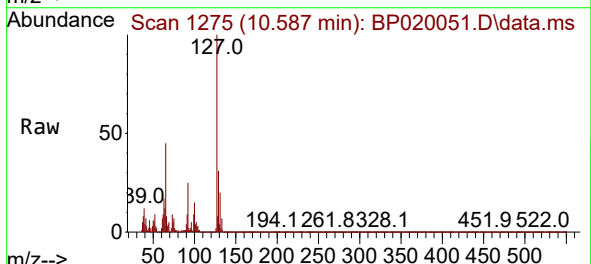
Instrument :
BNA_P
ClientSampleId :
SLCS383

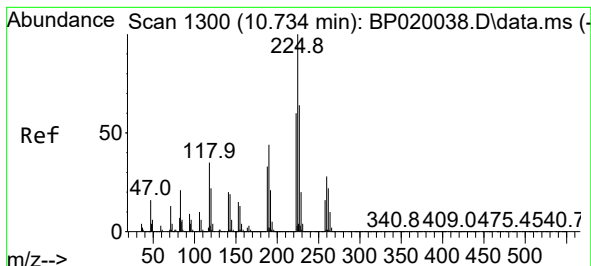
Tgt Ion:128 Resp: 574793
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.2 10.5 15.7



#32
4-Chloroaniline
Concen: 30.335 ng/ul
RT: 10.587 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BP020051.D
Acq: 20 Apr 2024 20:14

Tgt Ion:127 Resp: 214406
Ion Ratio Lower Upper
127 100
129 30.5 25.9 38.9





#33

Hexachlorobutadiene

Concen: 32.208 ng/ul

RT: 10.728 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP020051.D

Acq: 20 Apr 2024 20:14

Instrument :

BNA_P

ClientSampleId :

SLCS383

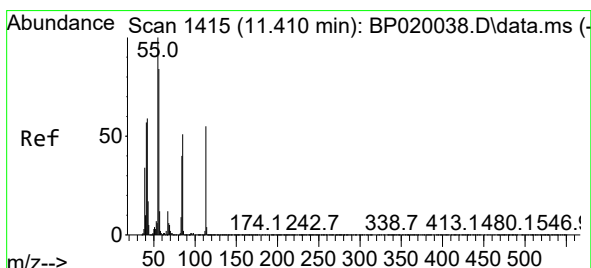
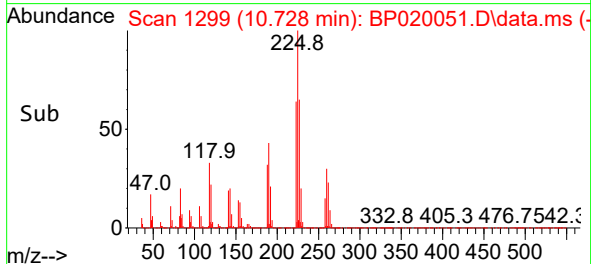
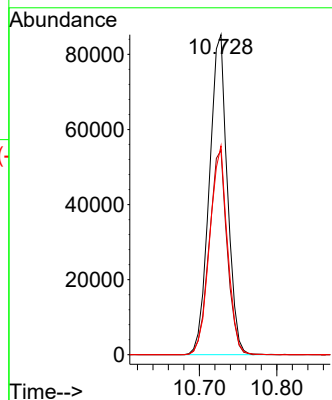
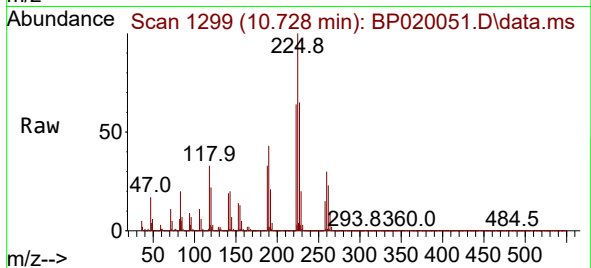
Tgt Ion:225 Resp: 137621

Ion Ratio Lower Upper

225 100

223 63.8 50.5 75.7

227 65.3 52.2 78.4



#34

Caprolactam

Concen: 27.777 ng/ul

RT: 11.404 min Scan# 1414

Delta R.T. 0.006 min

Lab File: BP020051.D

Acq: 20 Apr 2024 20:14

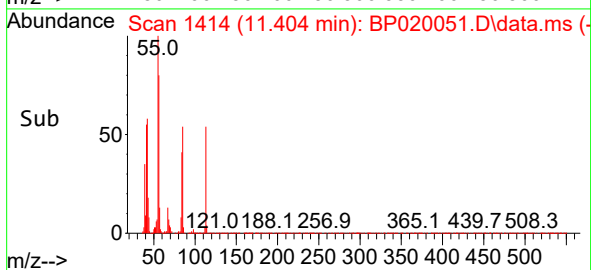
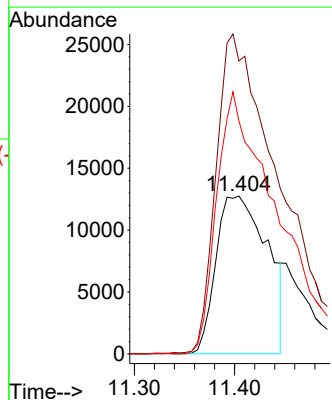
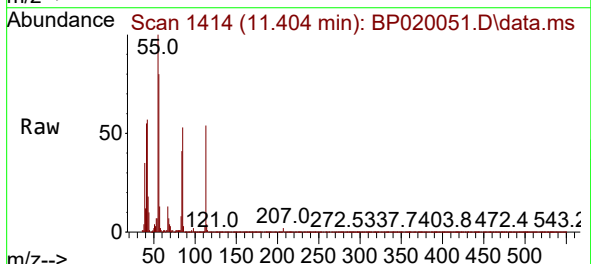
Tgt Ion:113 Resp: 45237

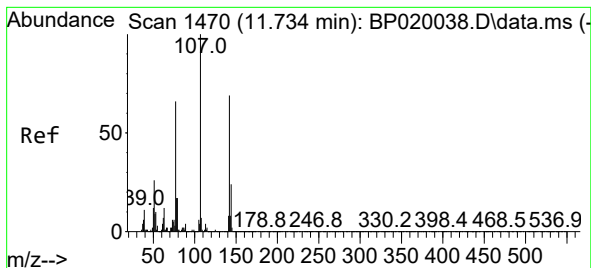
Ion Ratio Lower Upper

113 100

55 185.5 140.5 210.7

56 147.5 113.8 170.6

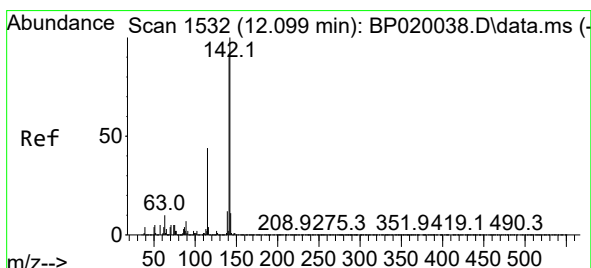
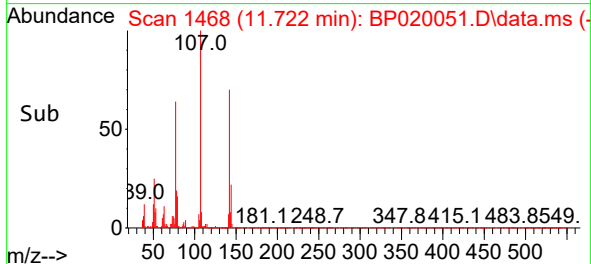
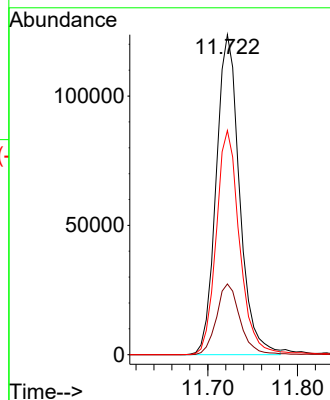
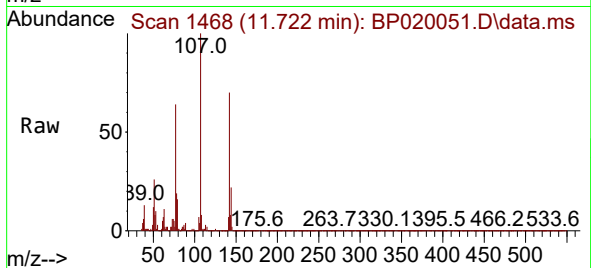




#35
4-Chloro-3-methylphenol
Concen: 35.872 ng/ul
RT: 11.722 min Scan# 1470
Delta R.T. -0.000 min
Lab File: BP020051.D
Acq: 20 Apr 2024 20:14

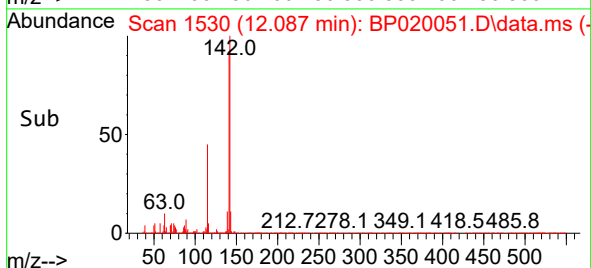
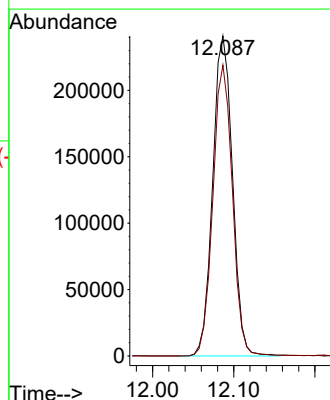
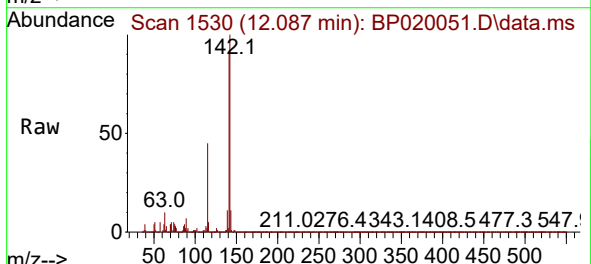
Instrument :
BNA_P
ClientSampleId :
SLCS383

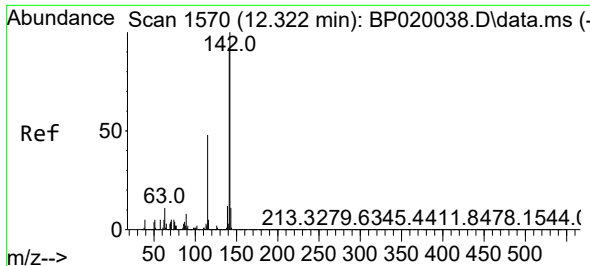
Tgt Ion:107 Resp: 223473
Ion Ratio Lower Upper
107 100
144 22.1 18.0 27.0
142 70.1 56.3 84.5



#36
2-Methylnaphthalene
Concen: 32.886 ng/ul
RT: 12.087 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BP020051.D
Acq: 20 Apr 2024 20:14

Tgt Ion:142 Resp: 407317
Ion Ratio Lower Upper
142 100
141 90.9 72.1 108.1

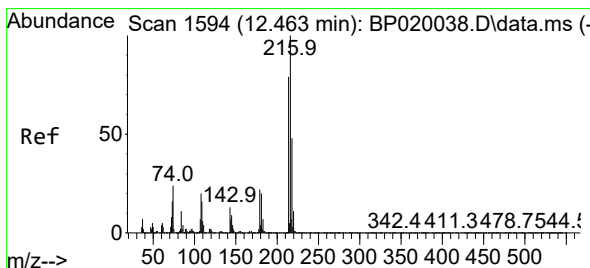
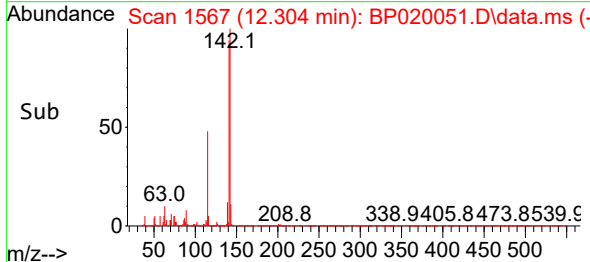
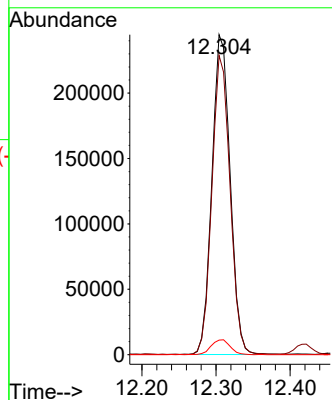
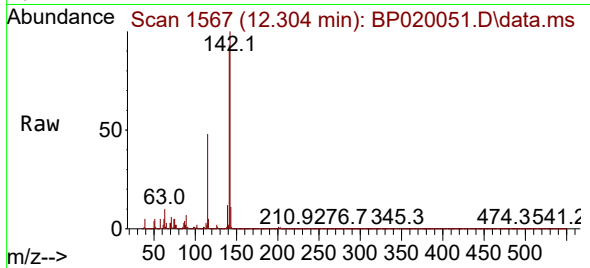




#37
1-Methylnaphthalene
Concen: 33.898 ng/ul
RT: 12.304 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BP020051.D
Acq: 20 Apr 2024 20:14

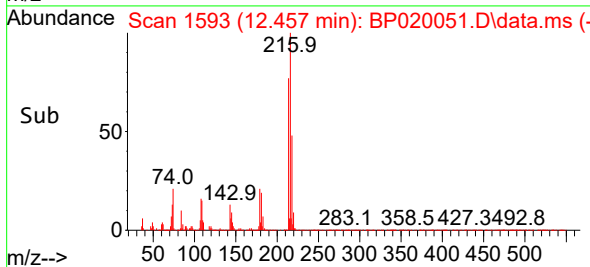
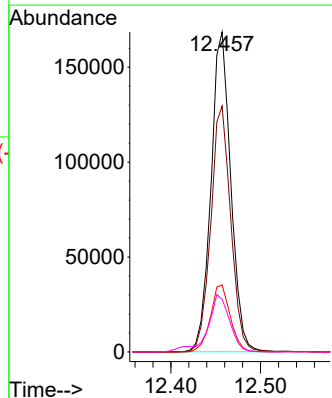
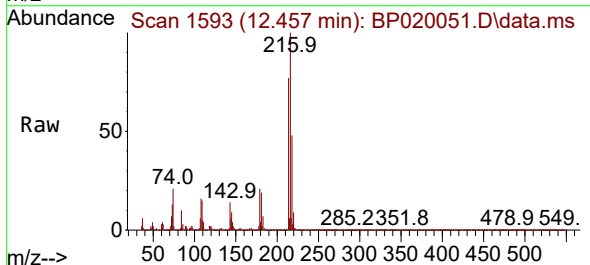
Instrument :
BNA_P
ClientSampleId :
SLCS383

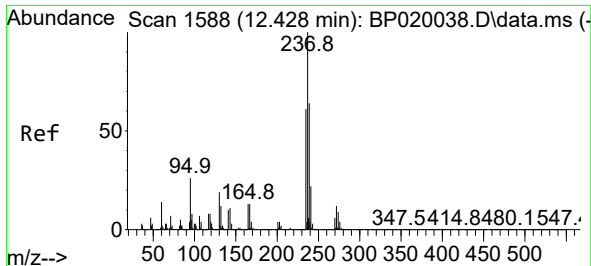
Tgt Ion:142 Resp: 416938
Ion Ratio Lower Upper
142 100
141 93.5 72.8 109.2
116 4.6 4.0 6.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 32.738 ng/ul
RT: 12.457 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BP020051.D
Acq: 20 Apr 2024 20:14

Tgt Ion:216 Resp: 258256
Ion Ratio Lower Upper
216 100
214 76.8 64.2 96.2
179 20.9 17.3 25.9
108 16.5 16.8 25.2#

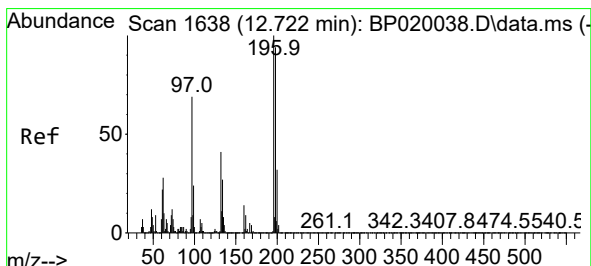
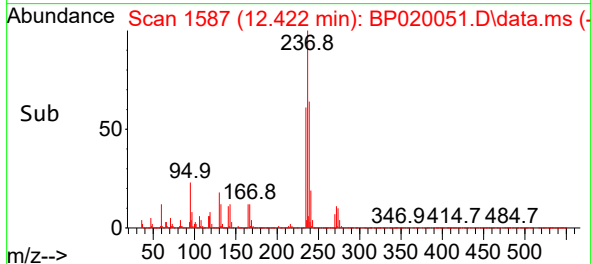
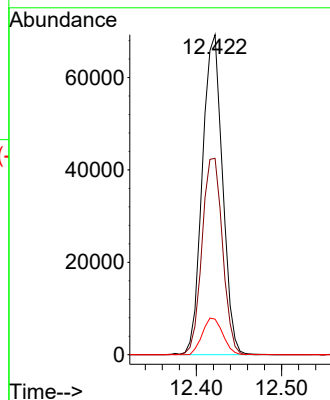
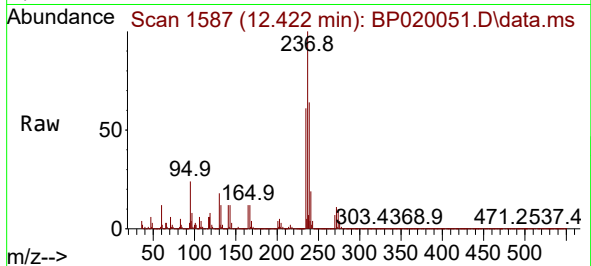




#40
Hexachlorocyclopentadiene
Concen: 25.046 ng/ul
RT: 12.422 min Scan# 1588
Delta R.T. -0.000 min
Lab File: BP020051.D
Acq: 20 Apr 2024 20:14

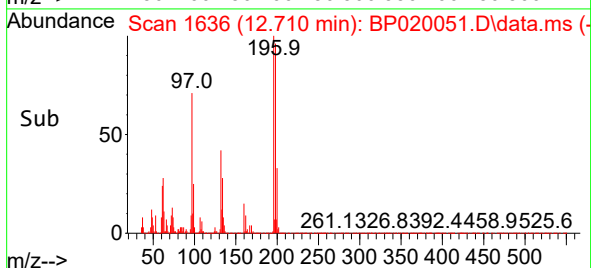
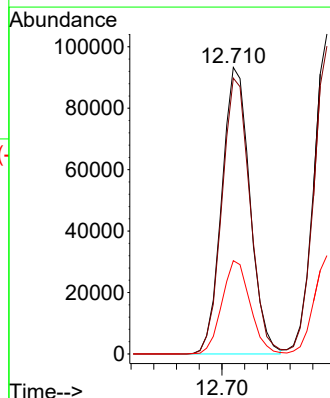
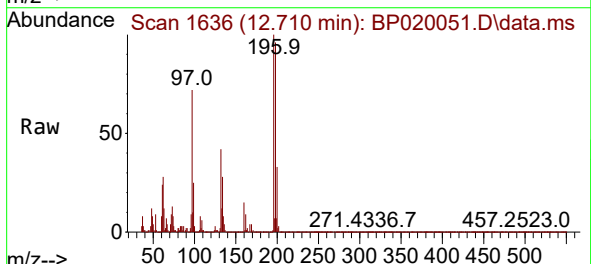
Instrument :
BNA_P
ClientSampleId :
SLCS383

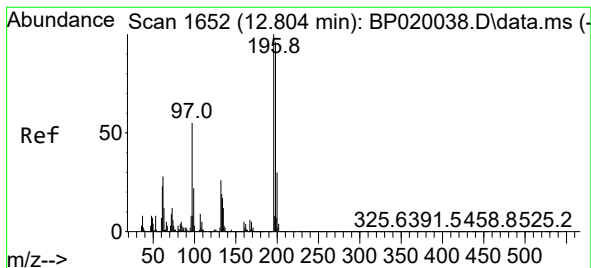
Tgt Ion:237 Resp: 113822
Ion Ratio Lower Upper
237 100
235 61.4 48.2 72.4
272 11.1 9.4 14.0



#41
2,4,6-Trichlorophenol
Concen: 33.955 ng/ul
RT: 12.710 min Scan# 1636
Delta R.T. -0.012 min
Lab File: BP020051.D
Acq: 20 Apr 2024 20:14

Tgt Ion:196 Resp: 160493
Ion Ratio Lower Upper
196 100
198 96.2 78.8 118.2
200 32.6 24.9 37.3





#42

2,4,5-Trichlorophenol

Concen: 35.365 ng/ul

RT: 12.792 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP020051.D

Acq: 20 Apr 2024 20:14

Instrument :

BNA_P

ClientSampleId :

SLCS383

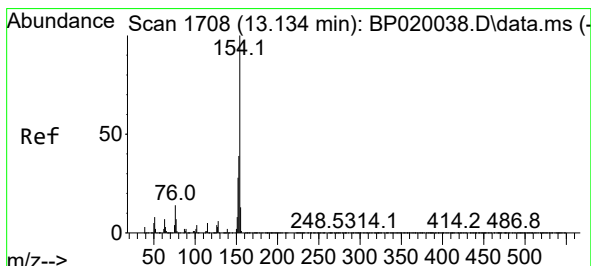
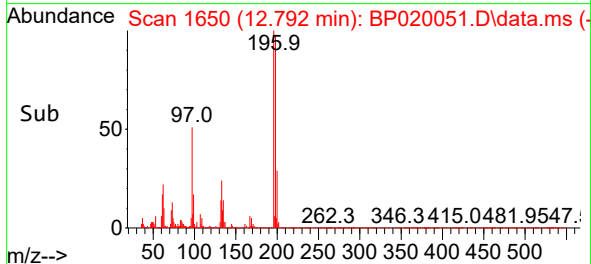
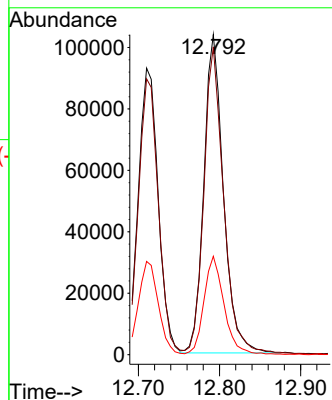
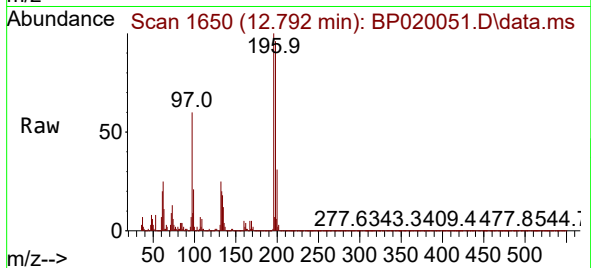
Tgt Ion:196 Resp: 173760

Ion Ratio Lower Upper

196 100

198 96.2 77.5 116.3

200 30.7 24.5 36.7



#43

1,1'-Biphenyl

Concen: 32.057 ng/ul

RT: 13.122 min Scan# 1706

Delta R.T. -0.006 min

Lab File: BP020051.D

Acq: 20 Apr 2024 20:14

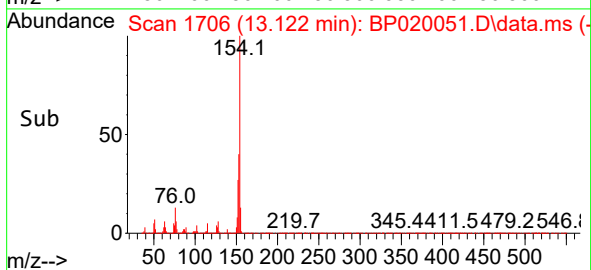
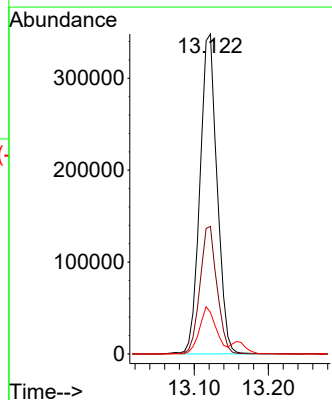
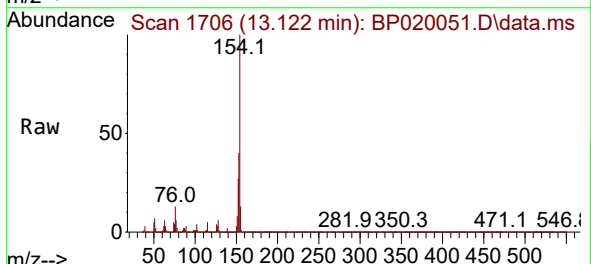
Tgt Ion:154 Resp: 556304

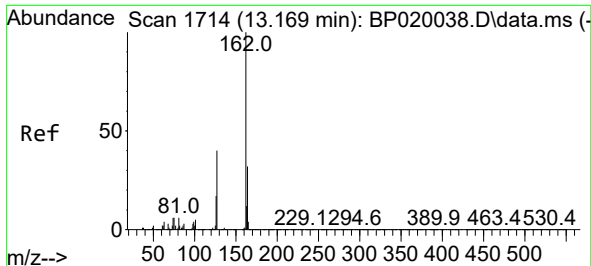
Ion Ratio Lower Upper

154 100

153 39.9 32.2 48.4

76 13.0 11.3 16.9

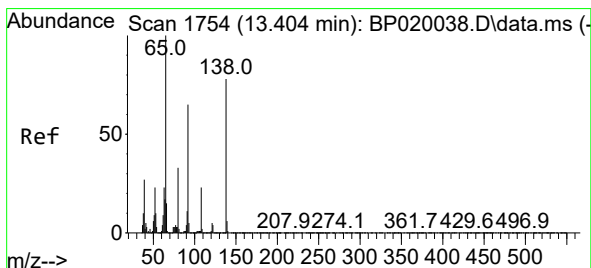
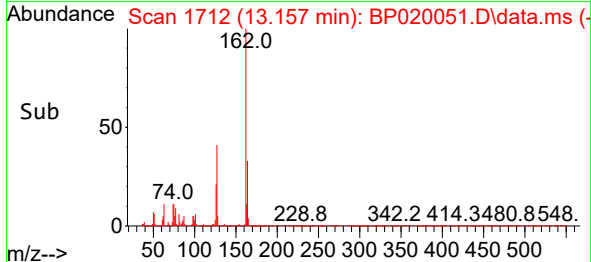
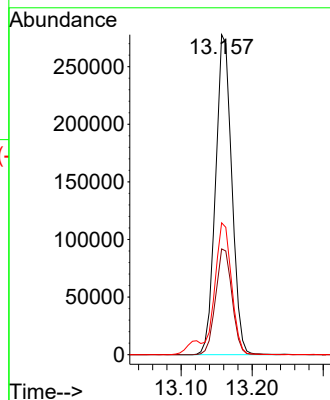
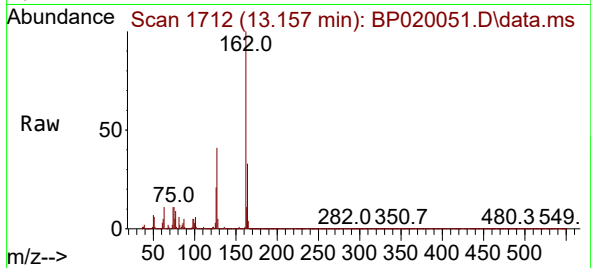




#44
2-Chloronaphthalene
Concen: 31.718 ng/ul
RT: 13.157 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP020051.D
Acq: 20 Apr 2024 20:14

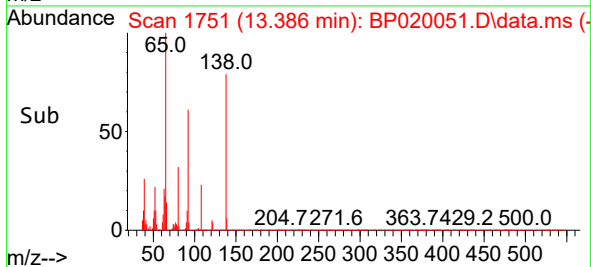
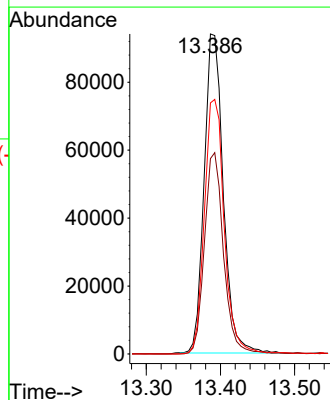
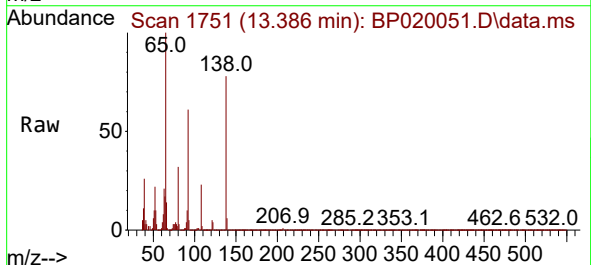
Instrument :
BNA_P
ClientSampleId :
SLCS383

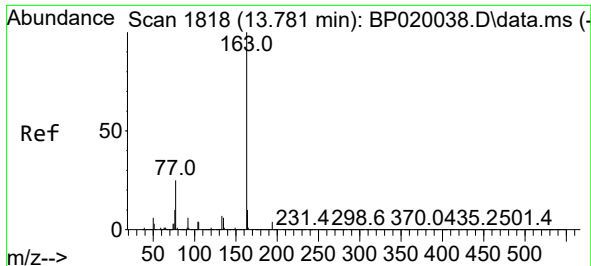
Tgt Ion:162 Resp: 439712
Ion Ratio Lower Upper
162 100
164 33.1 27.0 40.6
127 41.2 33.7 50.5



#45
2-Nitroaniline
Concen: 37.333 ng/ul
RT: 13.386 min Scan# 1751
Delta R.T. -0.012 min
Lab File: BP020051.D
Acq: 20 Apr 2024 20:14

Tgt Ion: 65 Resp: 168148
Ion Ratio Lower Upper
65 100
92 61.1 49.4 74.0
138 78.5 62.2 93.4





#47

Dimethylphthalate

Concen: 33.971 ng/ul

RT: 13.775 min Scan# 1818

Delta R.T. -0.006 min

Lab File: BP020051.D

Acq: 20 Apr 2024 20:14

Instrument :

BNA_P

ClientSampleId :

SLCS383

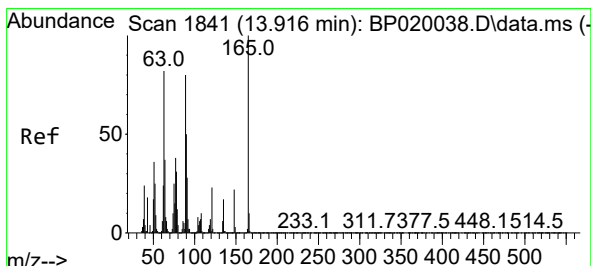
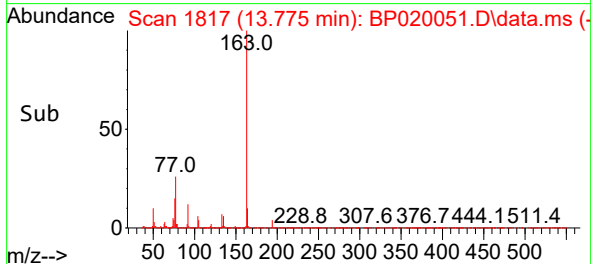
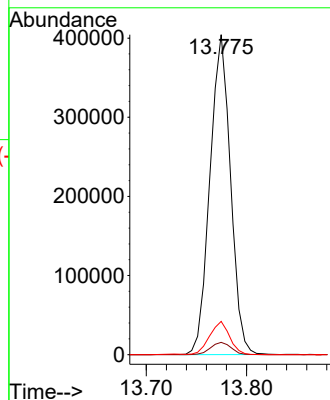
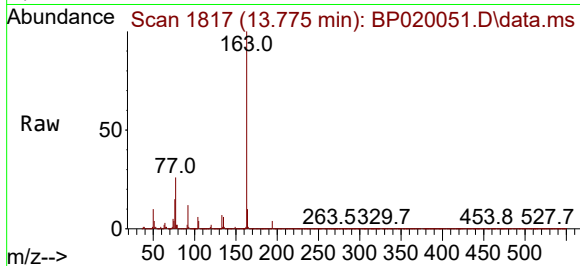
Tgt Ion:163 Resp: 577049

Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

164 10.4 8.1 12.1



#48

2,6-Dinitrotoluene

Concen: 36.357 ng/ul

RT: 13.904 min Scan# 1839

Delta R.T. -0.006 min

Lab File: BP020051.D

Acq: 20 Apr 2024 20:14

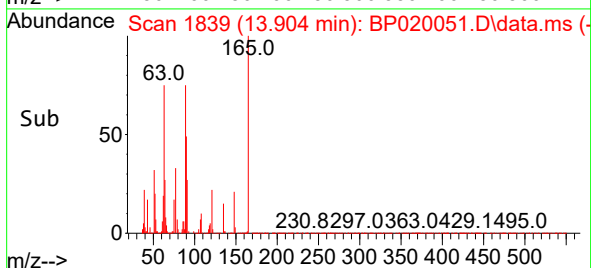
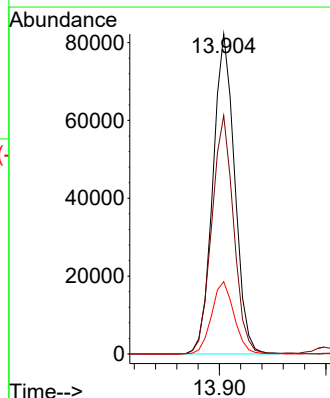
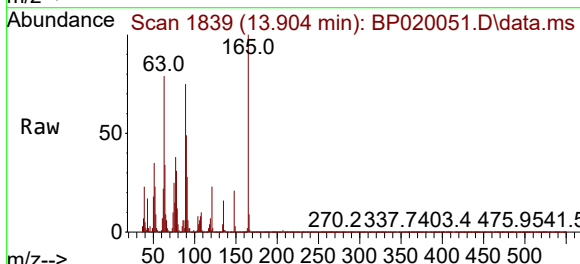
Tgt Ion:165 Resp: 116539

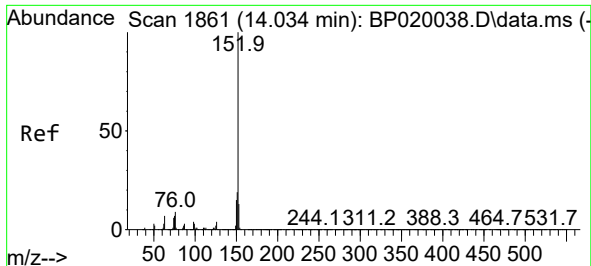
Ion Ratio Lower Upper

165 100

89 74.5 61.0 91.4

121 22.6 18.7 28.1

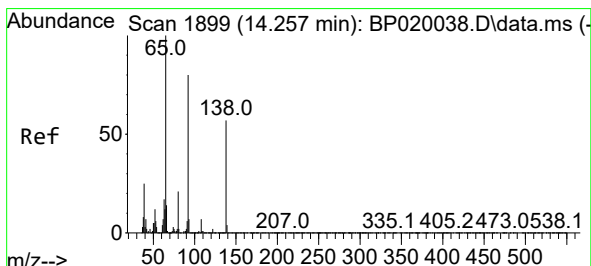
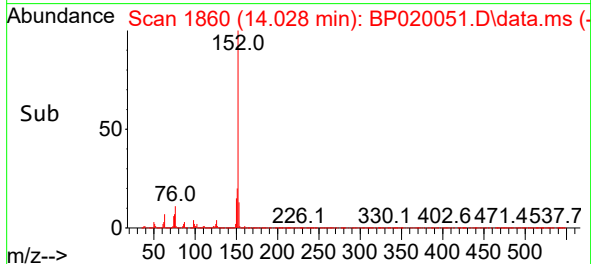
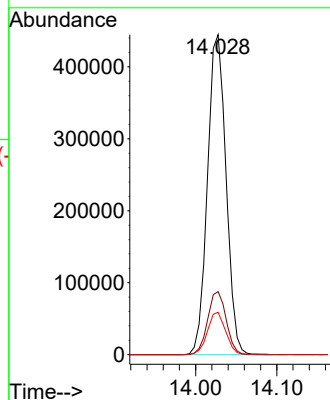
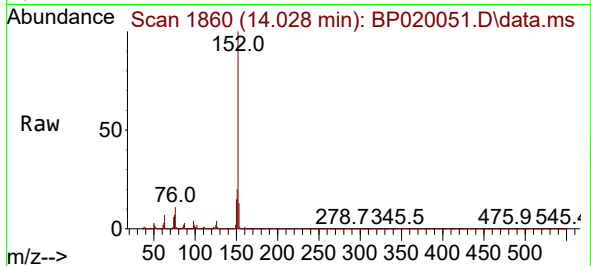




#50
Acenaphthylene
Concen: 31.735 ng/ul
RT: 14.028 min Scan# 1860
Delta R.T. -0.006 min
Lab File: BP020051.D
Acq: 20 Apr 2024 20:14

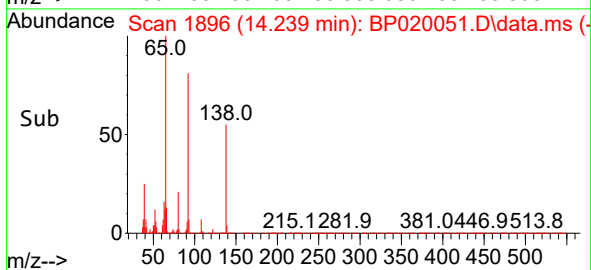
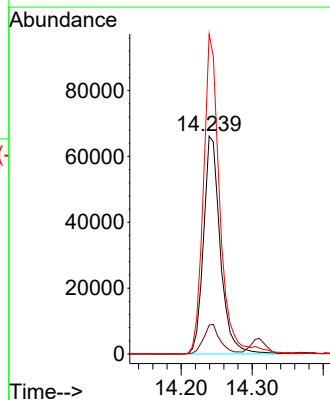
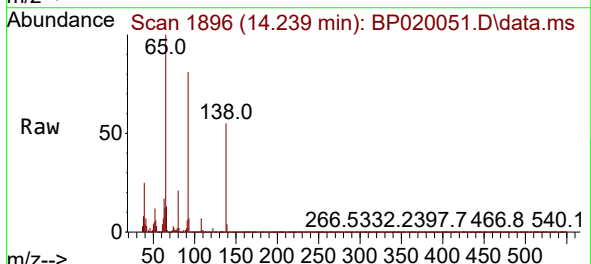
Instrument :
BNA_P
ClientSampleId :
SLCS383

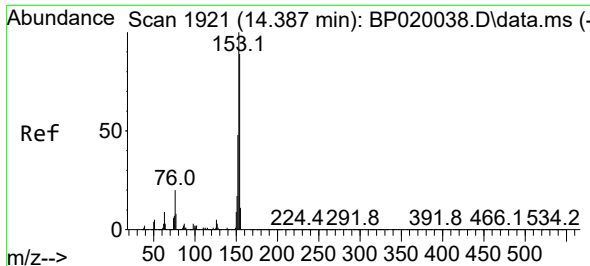
Tgt Ion:152 Resp: 705323
Ion Ratio Lower Upper
152 100
151 19.7 15.4 23.2
153 13.3 10.6 16.0



#51
3-Nitroaniline
Concen: 35.838 ng/ul
RT: 14.239 min Scan# 1896
Delta R.T. -0.012 min
Lab File: BP020051.D
Acq: 20 Apr 2024 20:14

Tgt Ion:138 Resp: 108730
Ion Ratio Lower Upper
138 100
108 13.3 10.4 15.6
92 146.8 108.4 162.6

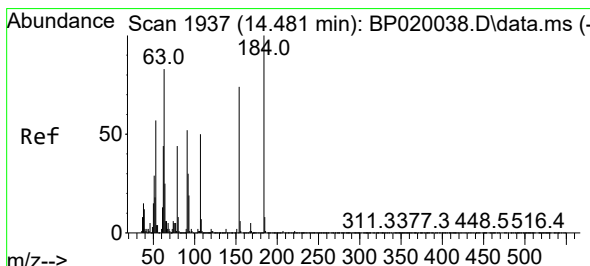
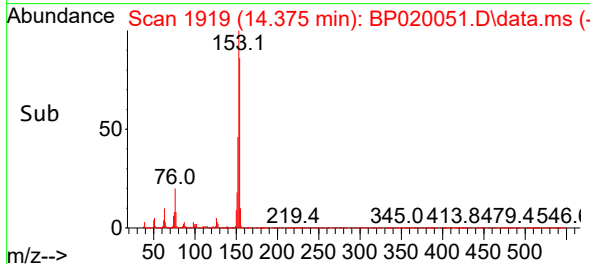
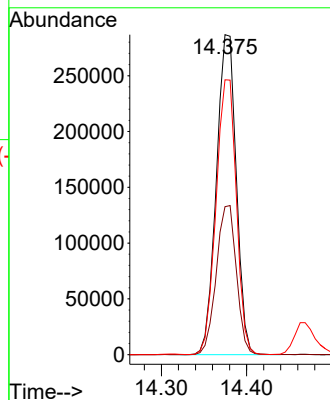
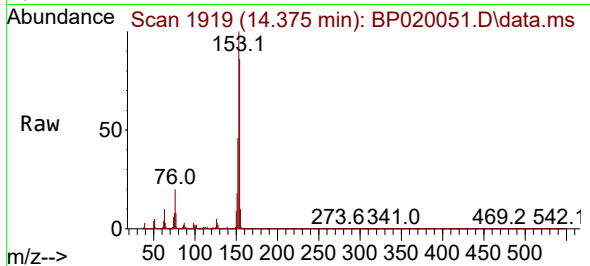




#52
Acenaphthene
Concen: 31.810 ng/ul
RT: 14.375 min Scan# 1919
Delta R.T. -0.006 min
Lab File: BP020051.D
Acq: 20 Apr 2024 20:14

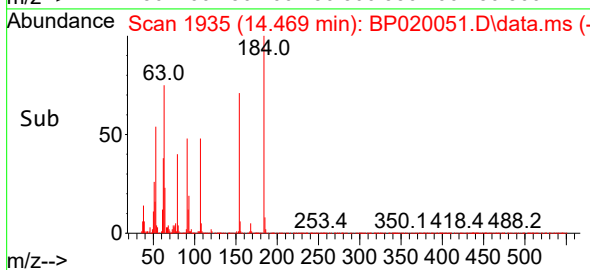
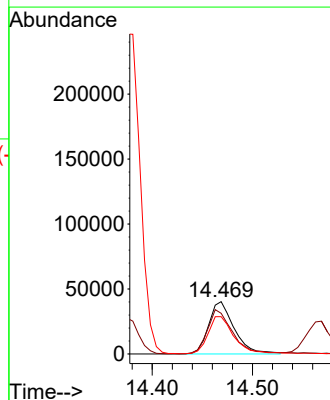
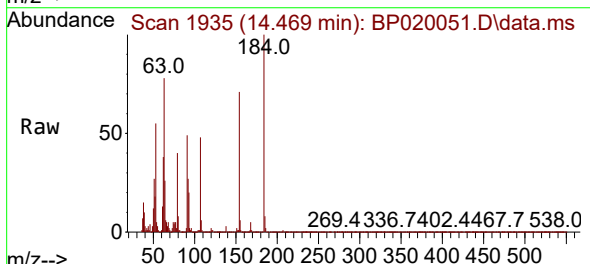
Instrument :
BNA_P
ClientSampleId :
SLCS383

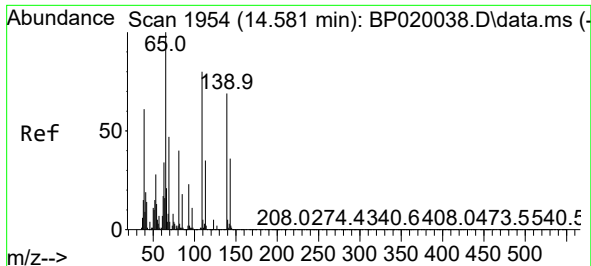
Tgt Ion:153 Resp: 466030
Ion Ratio Lower Upper
153 100
152 46.3 37.9 56.9
154 85.9 71.4 107.2



#53
2,4-Dinitrophenol
Concen: 36.956 ng/ul
RT: 14.469 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BP020051.D
Acq: 20 Apr 2024 20:14

Tgt Ion:184 Resp: 71233
Ion Ratio Lower Upper
184 100
63 77.8 65.0 97.6
154 71.3 55.4 83.2

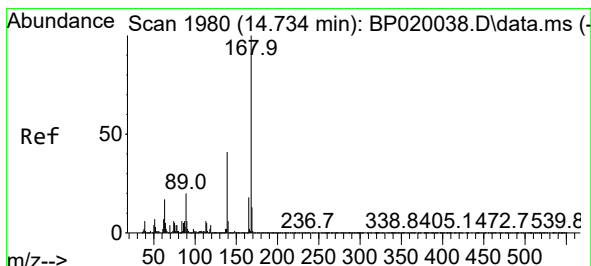
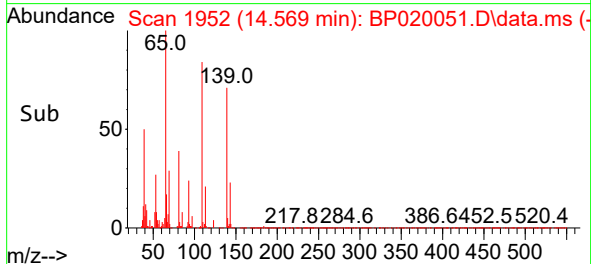
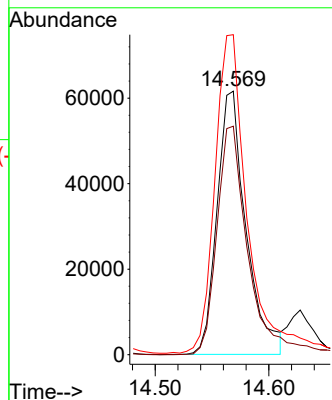
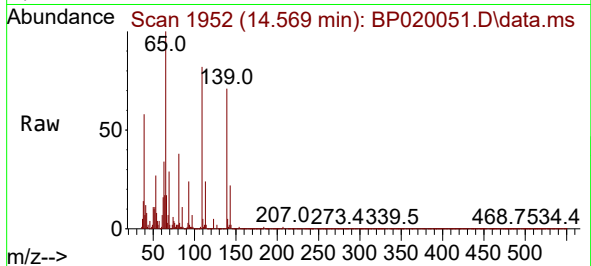




#55
4-Nitrophenol
Concen: 38.077 ng/ul
RT: 14.569 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BP020051.D
Acq: 20 Apr 2024 20:14

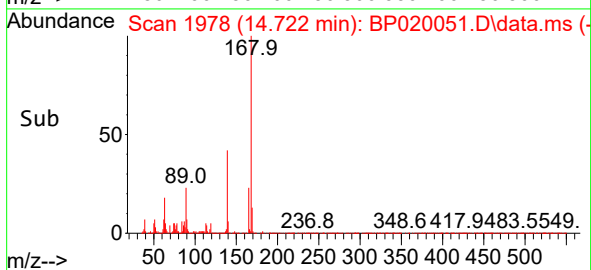
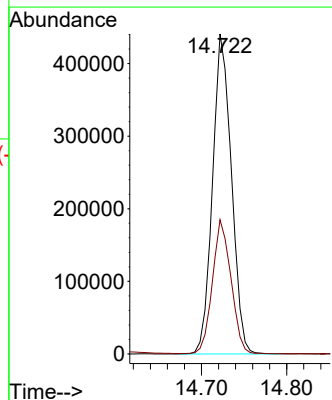
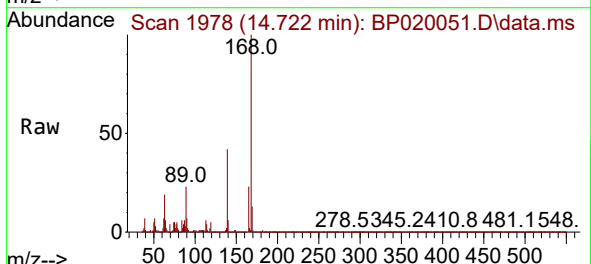
Instrument :
BNA_P
ClientSampleId :
SLCS383

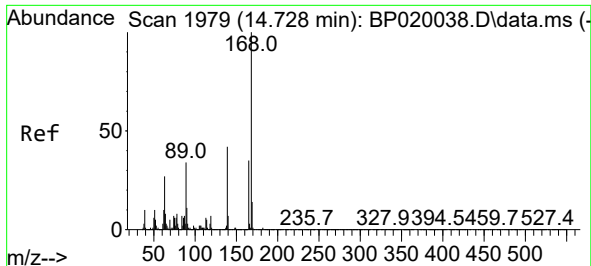
Tgt Ion:109 Resp: 109244
Ion Ratio Lower Upper
109 100
139 86.7 77.9 116.9
65 121.4 100.9 151.3



#56
Dibenzofuran
Concen: 33.520 ng/ul
RT: 14.722 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BP020051.D
Acq: 20 Apr 2024 20:14

Tgt Ion:168 Resp: 678011
Ion Ratio Lower Upper
168 100
139 42.0 32.6 49.0

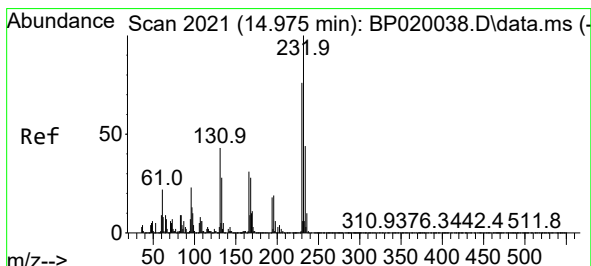
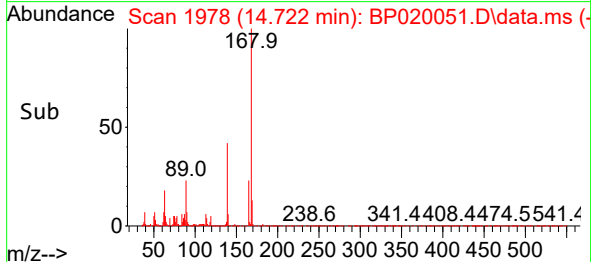
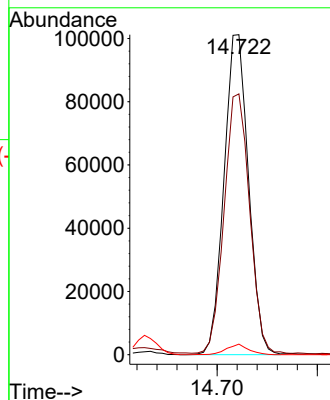
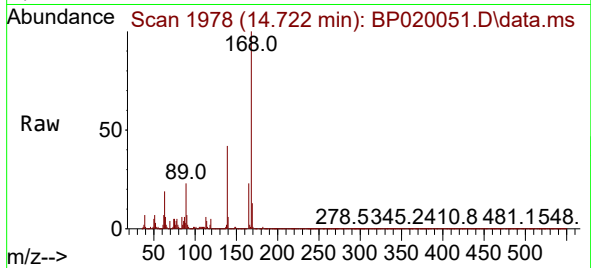




#57
2,4-Dinitrotoluene
Concen: 37.861 ng/ul
RT: 14.722 min Scan# 1979
Delta R.T. -0.000 min
Lab File: BP020051.D
Acq: 20 Apr 2024 20:14

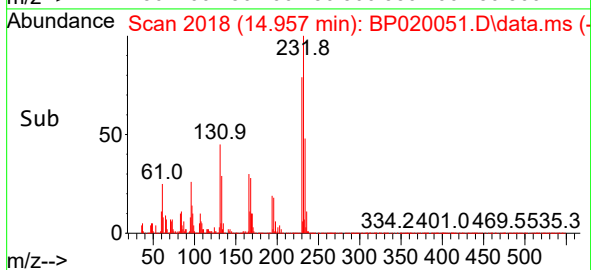
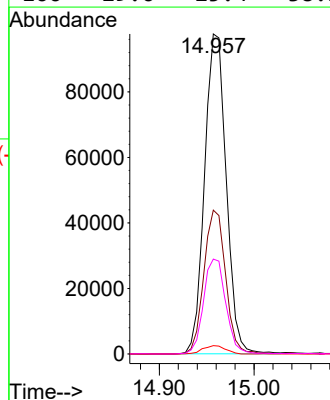
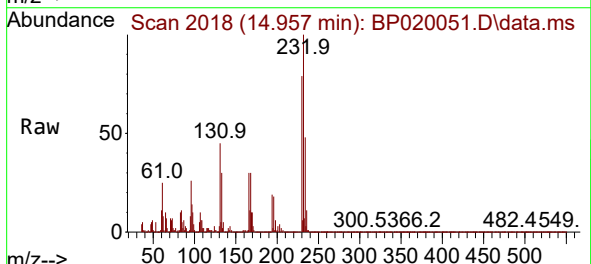
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BNA_P
ClientSampleId :
SLCS383

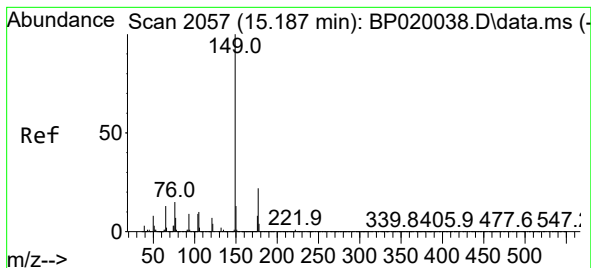
Tgt Ion:165 Resp: 171802
Ion Ratio Lower Upper
165 100
63 81.5 70.2 105.4
182 3.3 2.0 3.0#



#58
2,3,4,6-Tetrachlorophenol
Concen: 36.385 ng/ul
RT: 14.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BP020051.D
Acq: 20 Apr 2024 20:14

Tgt Ion:232 Resp: 154811
Ion Ratio Lower Upper
232 100
131 44.9 34.5 51.7
130 2.6 2.4 3.6
166 29.6 25.4 38.2





#59

Diethylphthalate

Concen: 33.677 ng/ul

RT: 15.175 min Scan# 2055

Delta R.T. -0.006 min

Lab File: BP020051.D

Acq: 20 Apr 2024 20:14

Instrument :

BNA_P

ClientSampleId :

SLCS383

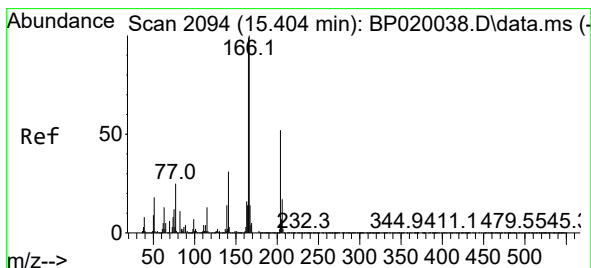
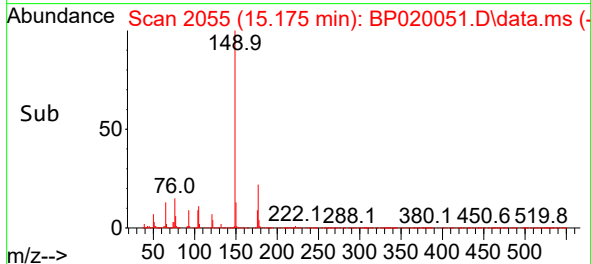
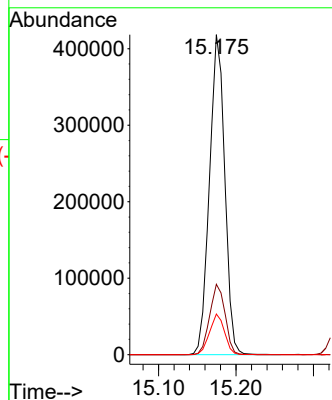
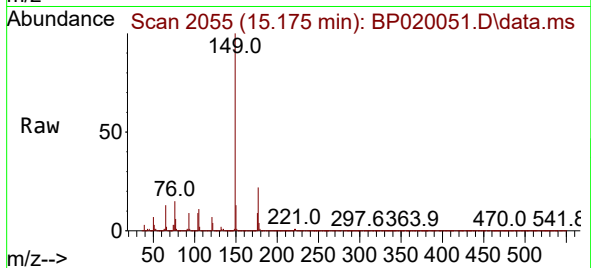
Tgt Ion:149 Resp: 574456

Ion Ratio Lower Upper

149 100

177 22.0 16.9 25.3

150 12.7 9.9 14.9



#61

Fluorene

Concen: 33.366 ng/ul

RT: 15.392 min Scan# 2092

Delta R.T. -0.006 min

Lab File: BP020051.D

Acq: 20 Apr 2024 20:14

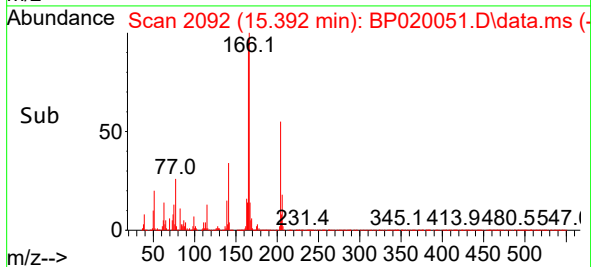
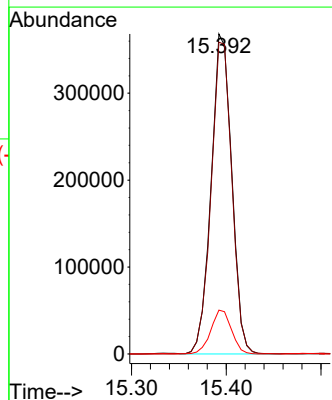
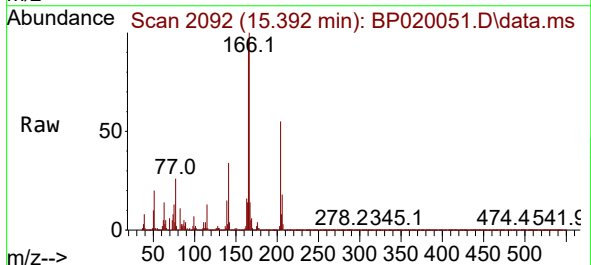
Tgt Ion:166 Resp: 557633

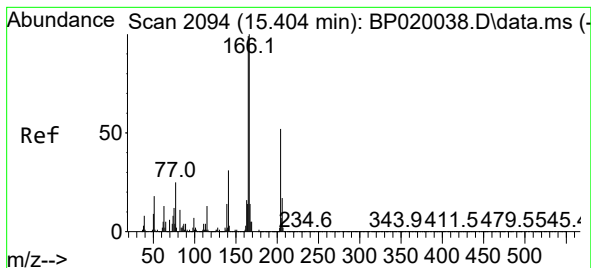
Ion Ratio Lower Upper

166 100

165 97.5 78.2 117.4

167 13.7 10.9 16.3

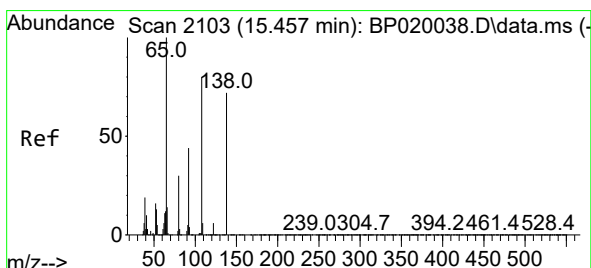
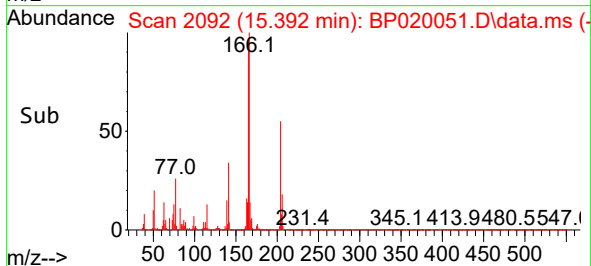
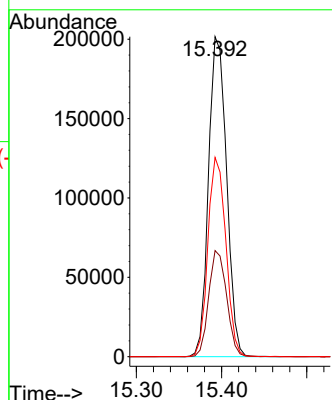
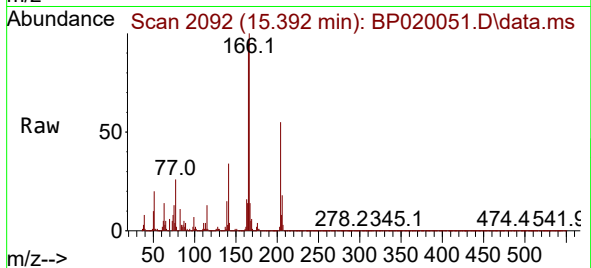




#62
4-Chlorophenyl-phenylether
Concen: 32.653 ng/ul
RT: 15.392 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BP020051.D
Acq: 20 Apr 2024 20:14

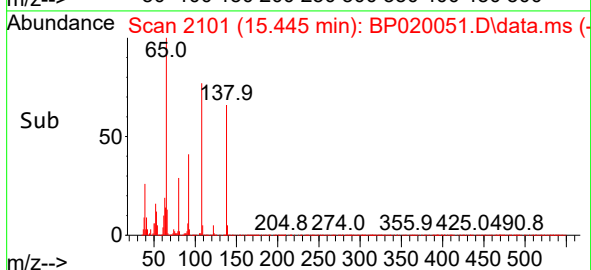
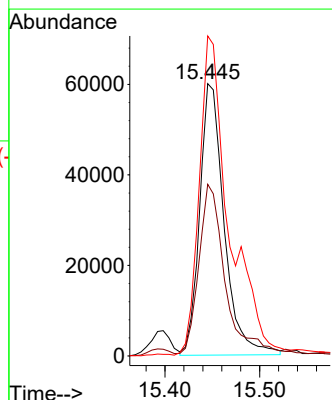
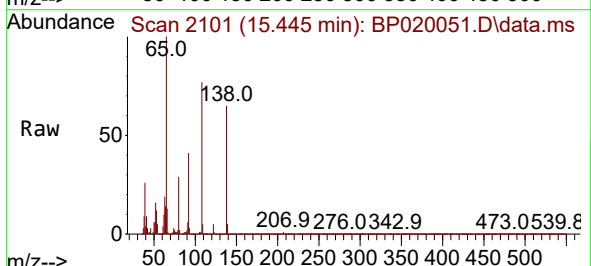
Instrument :
BNA_P
ClientSampleId :
SLCS383

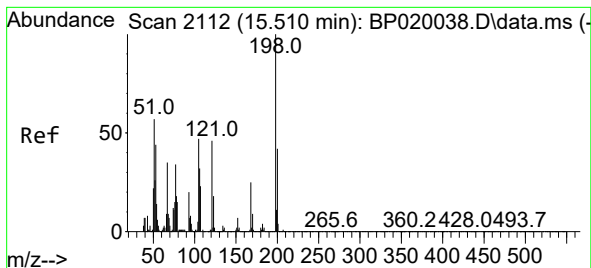
Tgt Ion:204 Resp: 296502
Ion Ratio Lower Upper
204 100
206 33.2 25.1 37.7
141 62.2 49.3 73.9



#63
4-Nitroaniline
Concen: 40.055 ng/ul
RT: 15.445 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BP020051.D
Acq: 20 Apr 2024 20:14

Tgt Ion:138 Resp: 107898
Ion Ratio Lower Upper
138 100
92 63.0 55.2 82.8
108 117.5 95.4 143.0

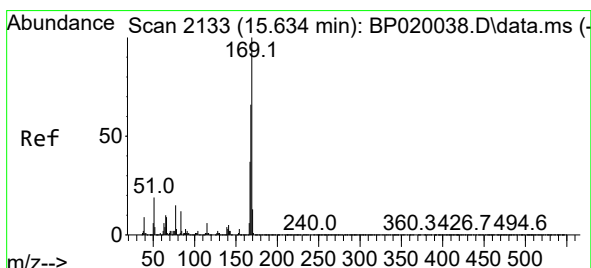
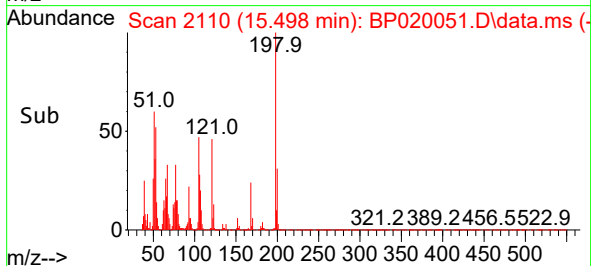
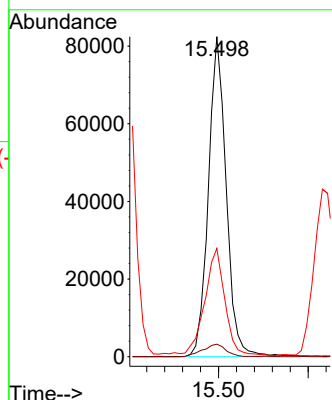
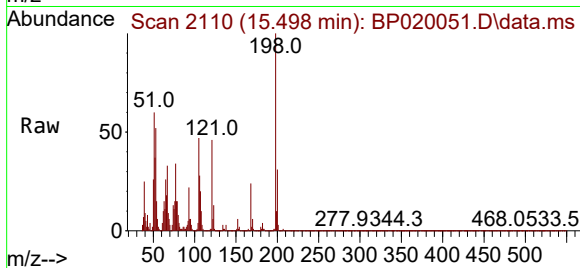




#66
4,6-Dinitro-2-methylphenol
Concen: 35.194 ng/ul
RT: 15.498 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BP020051.D
Acq: 20 Apr 2024 20:14

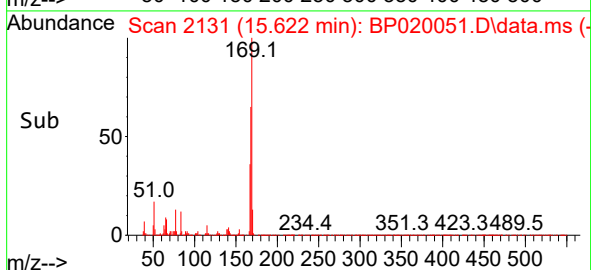
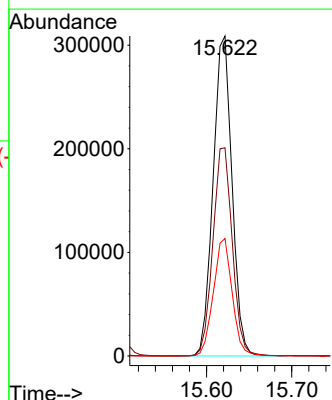
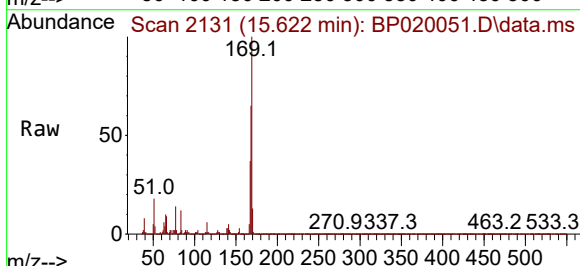
Instrument :
BNA_P
ClientSampleId :
SLCS383

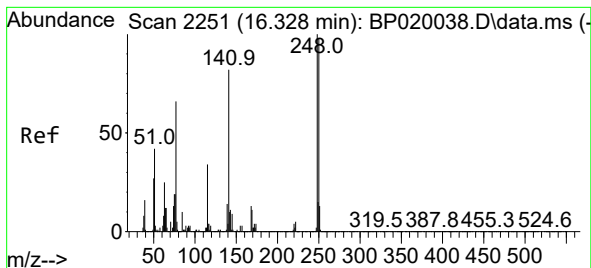
Tgt Ion:198 Resp: 113356
Ion Ratio Lower Upper
198 100
182 3.9 3.0 4.6
77 33.8 25.6 38.4



#67
N-Nitrosodiphenylamine
Concen: 32.434 ng/ul
RT: 15.622 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BP020051.D
Acq: 20 Apr 2024 20:14

Tgt Ion:169 Resp: 475905
Ion Ratio Lower Upper
169 100
168 65.0 55.0 82.6
167 36.7 29.5 44.3

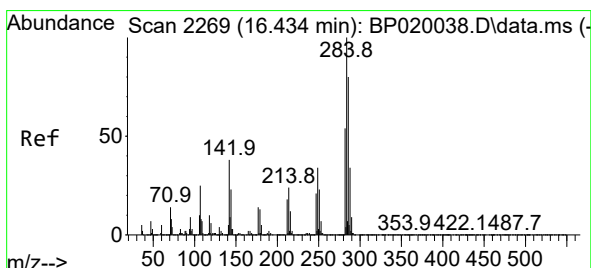
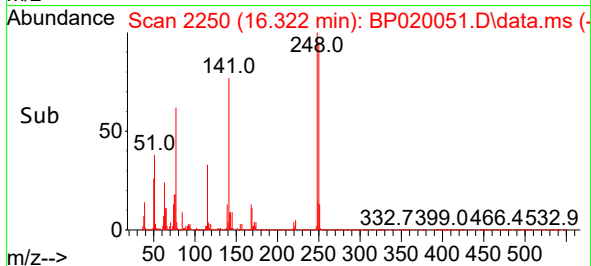
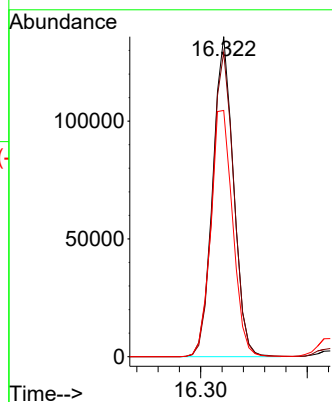
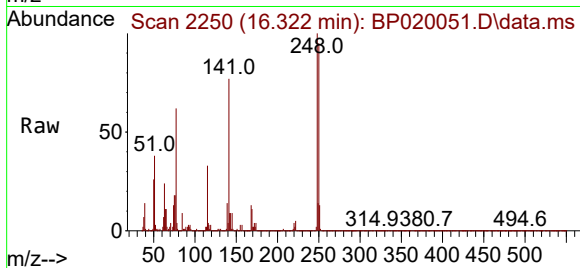




#68
4-Bromophenyl-phenylether
Concen: 31.621 ng/ul
RT: 16.322 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP020051.D
Acq: 20 Apr 2024 20:14

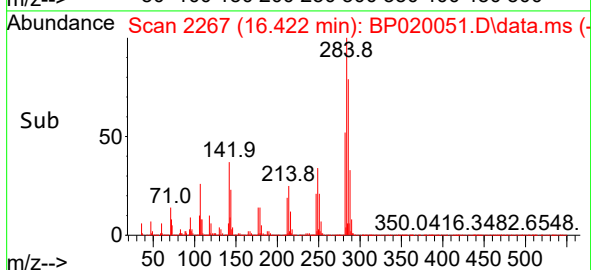
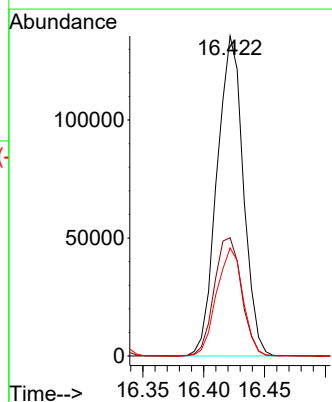
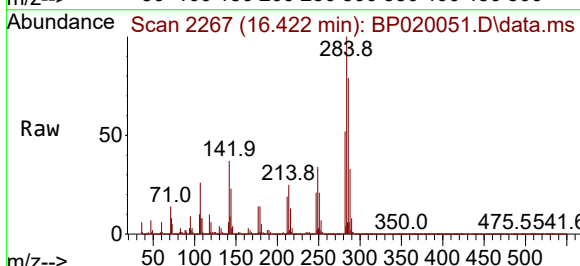
Instrument :
BNA_P
ClientSampleId :
SLCS383

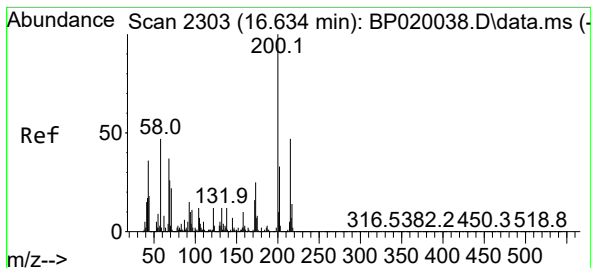
Tgt Ion:248 Resp: 183960
Ion Ratio Lower Upper
248 100
250 95.2 79.2 118.8
141 77.0 65.1 97.7



#69
Hexachlorobenzene
Concen: 32.402 ng/ul
RT: 16.422 min Scan# 2267
Delta R.T. -0.006 min
Lab File: BP020051.D
Acq: 20 Apr 2024 20:14

Tgt Ion:284 Resp: 204052
Ion Ratio Lower Upper
284 100
142 36.9 30.6 45.8
249 33.7 26.9 40.3





#70

Atrazine

Concen: 25.937 ng/ul

RT: 16.622 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP020051.D

Acq: 20 Apr 2024 20:14

Instrument :

BNA_P

ClientSampleId :

SLCS383

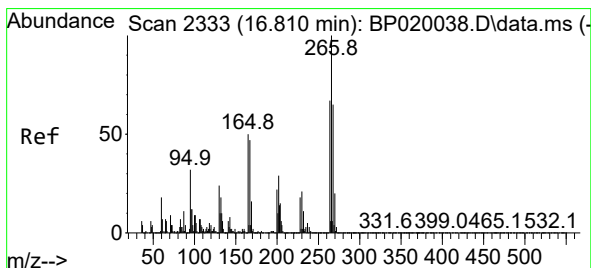
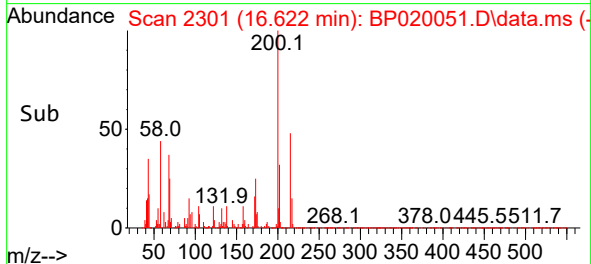
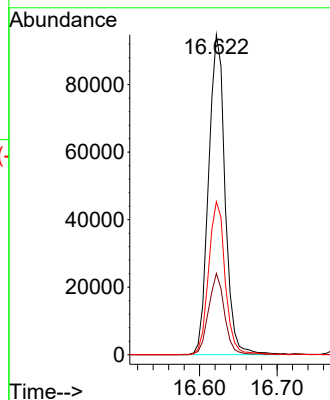
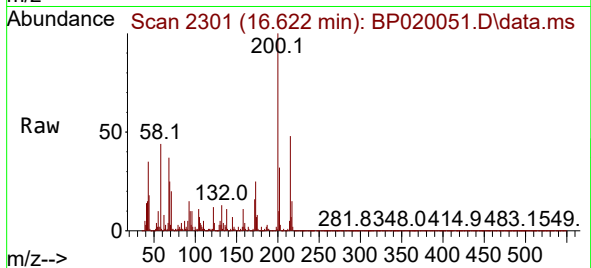
Tgt Ion:200 Resp: 139757

Ion Ratio Lower Upper

200 100

173 25.4 19.3 28.9

215 47.8 36.6 54.8



#71

Pentachlorophenol

Concen: 33.698 ng/ul

RT: 16.792 min Scan# 2330

Delta R.T. -0.006 min

Lab File: BP020051.D

Acq: 20 Apr 2024 20:14

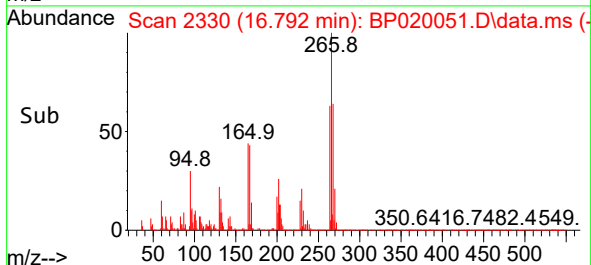
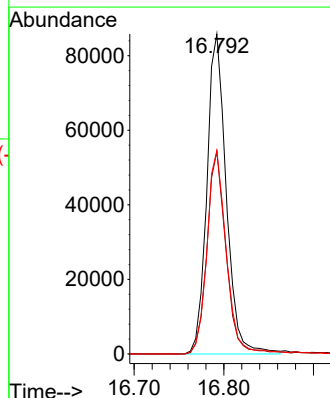
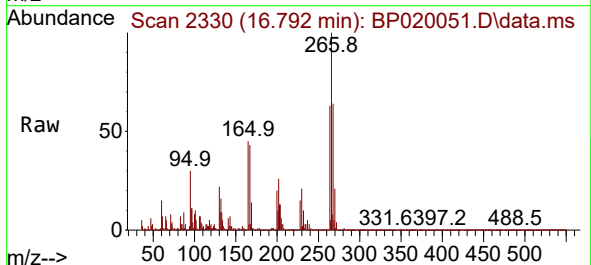
Tgt Ion:266 Resp: 128626

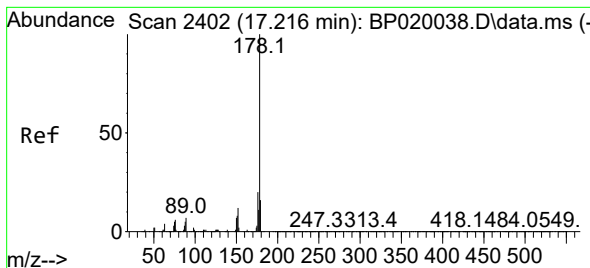
Ion Ratio Lower Upper

266 100

264 63.2 50.6 75.8

268 63.5 50.3 75.5





#72

Phenanthrene

Concen: 32.267 ng/ul

RT: 17.198 min Scan# 2402

Delta R.T. -0.000 min

Lab File: BP020051.D

Acq: 20 Apr 2024 20:14

Instrument :

BNA_P

ClientSampleId :

SLCS383

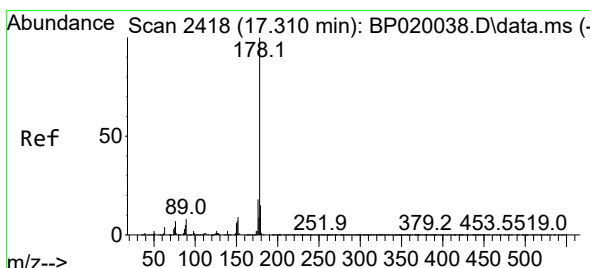
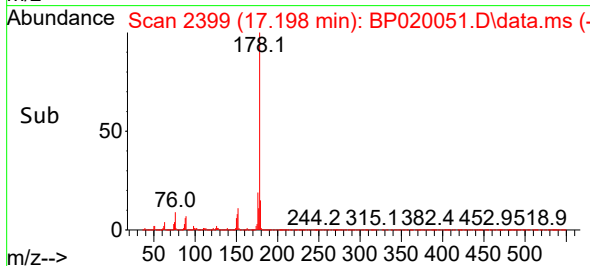
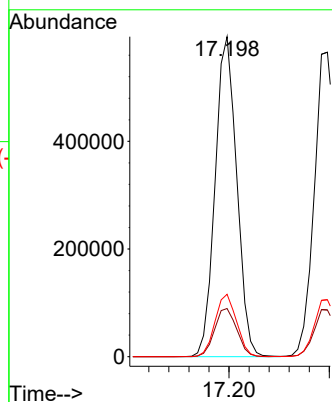
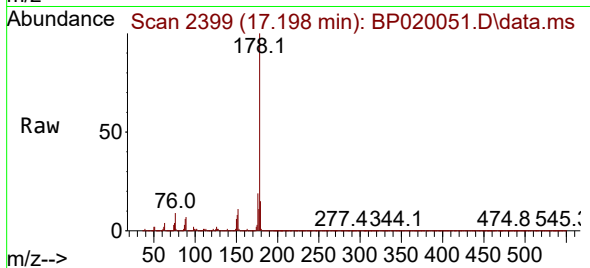
Tgt Ion:178 Resp: 888730

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.4

176 19.5 15.5 23.3



#74

Anthracene

Concen: 31.720 ng/ul

RT: 17.298 min Scan# 2416

Delta R.T. -0.000 min

Lab File: BP020051.D

Acq: 20 Apr 2024 20:14

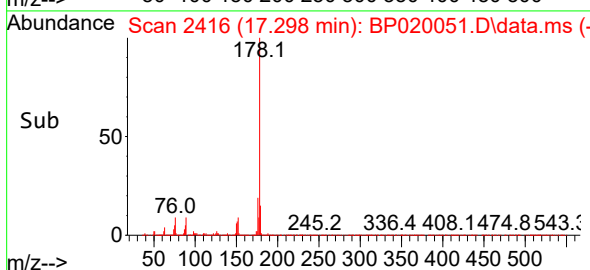
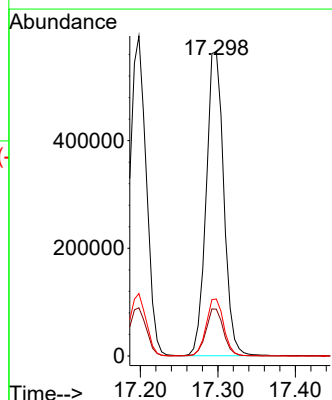
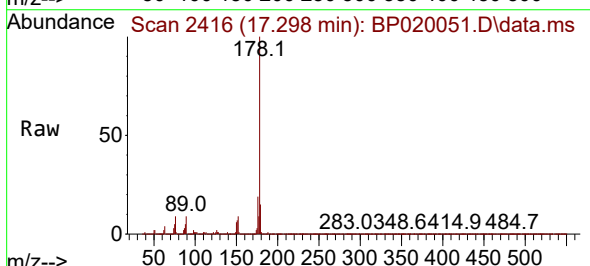
Tgt Ion:178 Resp: 891036

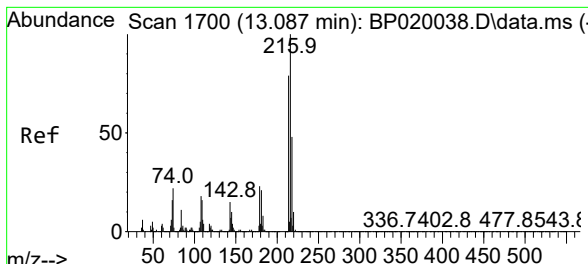
Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.4

176 18.7 14.6 21.8



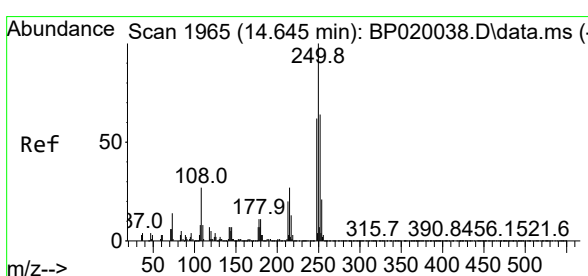
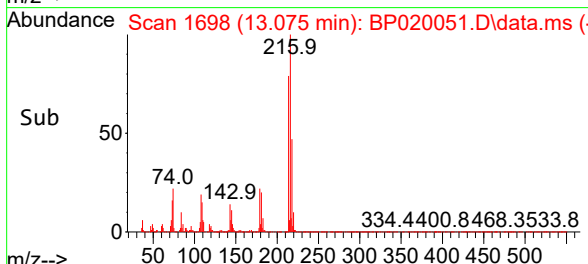
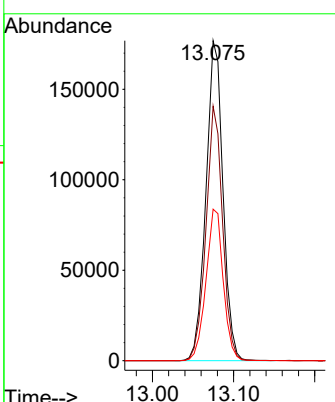
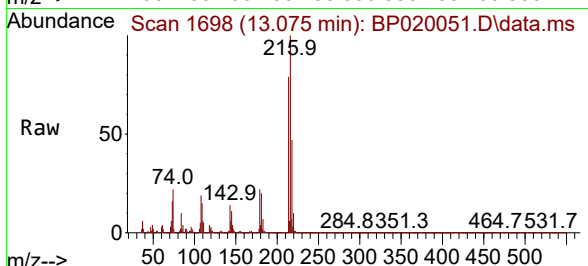


#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 30.616 ng/uL
 RT: 13.075 min Scan# 1698
 Delta R.T. -0.006 min
 Lab File: BP020051.D
 Acq: 20 Apr 2024 20:14

Instrument :
 BNA_P
 ClientSampleId :
 SLCS383

Tgt Ion:216 Resp: 257475

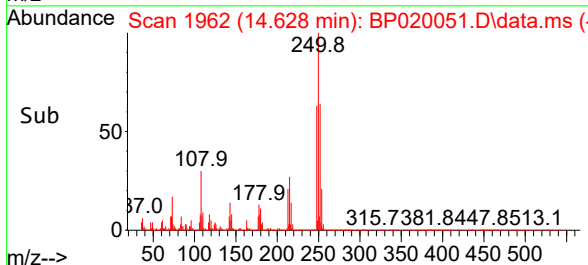
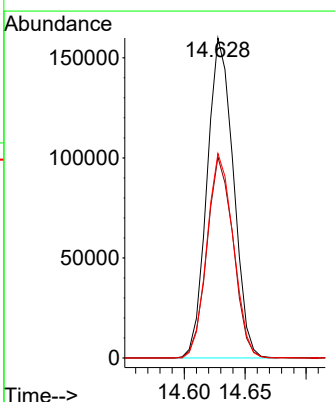
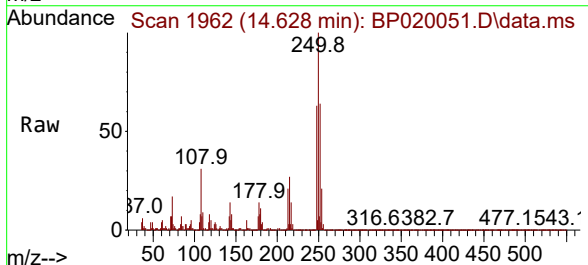
Ion	Ratio	Lower	Upper
216	100		
214	79.5	59.3	88.9
218	47.3	37.8	56.8

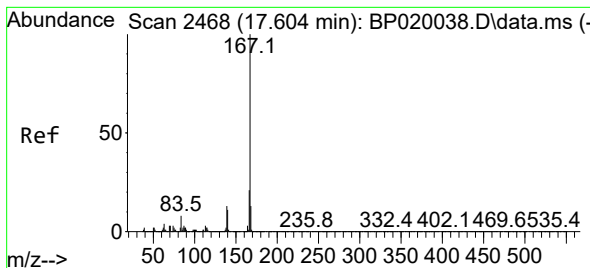


#76
 Pentachlorobenzene
 Concen: 30.424 ng/uL
 RT: 14.628 min Scan# 1962
 Delta R.T. -0.012 min
 Lab File: BP020051.D
 Acq: 20 Apr 2024 20:14

Tgt Ion:250 Resp: 240764

Ion	Ratio	Lower	Upper
250	100		
248	62.8	51.2	76.8
252	63.9	50.9	76.3





#77

Carbazole

Concen: 33.798 ng/ul

RT: 17.592 min Scan# 2466

Delta R.T. -0.006 min

Lab File: BP020051.D

Acq: 20 Apr 2024 20:14

Instrument :

BNA_P

ClientSampleId :

SLCS383

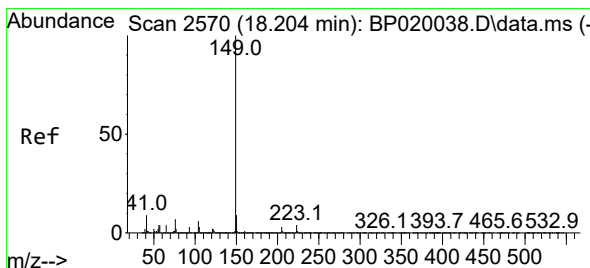
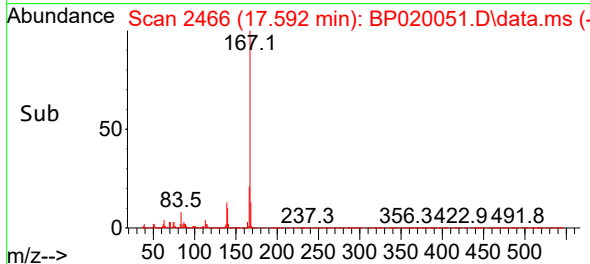
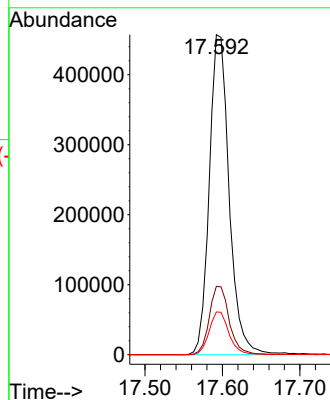
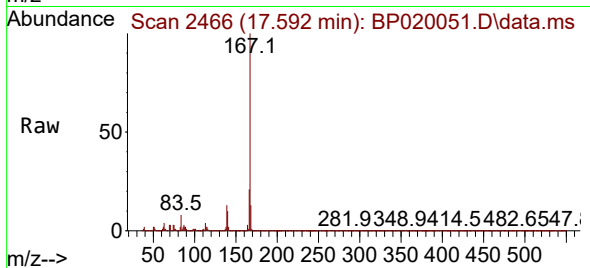
Tgt Ion:167 Resp: 813546

Ion Ratio Lower Upper

167 100

166 21.4 17.4 26.2

139 13.4 10.9 16.3



#78

Di-n-butylphthalate

Concen: 34.196 ng/ul

RT: 18.198 min Scan# 2569

Delta R.T. 0.006 min

Lab File: BP020051.D

Acq: 20 Apr 2024 20:14

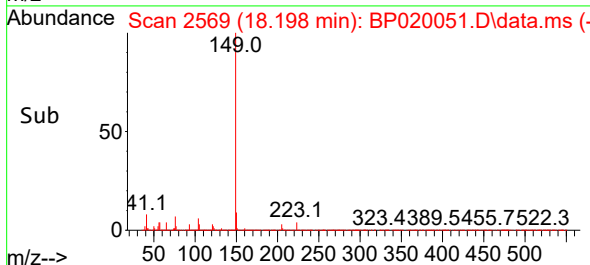
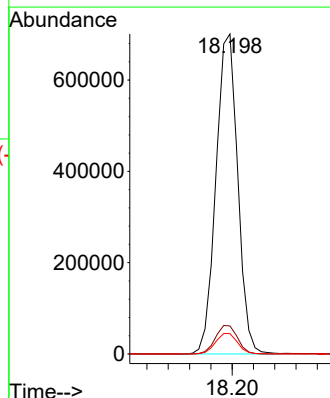
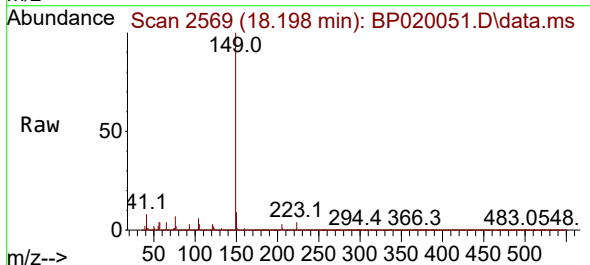
Tgt Ion:149 Resp: 993090

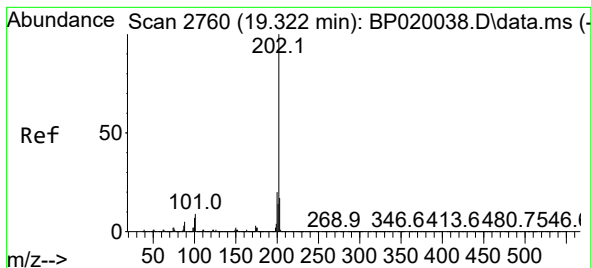
Ion Ratio Lower Upper

149 100

150 8.8 7.4 11.0

104 6.4 5.3 7.9





#80

Fluoranthene

Concen: 32.859 ng/ul

RT: 19.321 min Scan# 2760

Delta R.T. 0.006 min

Lab File: BP020051.D

Acq: 20 Apr 2024 20:14

Instrument :

BNA_P

ClientSampleId :

SLCS383

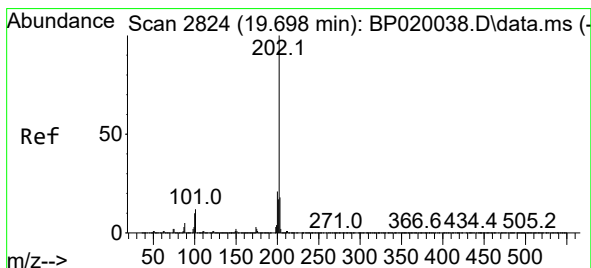
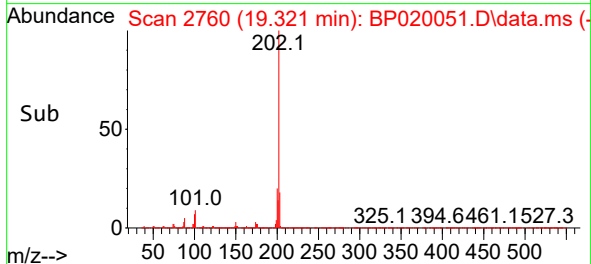
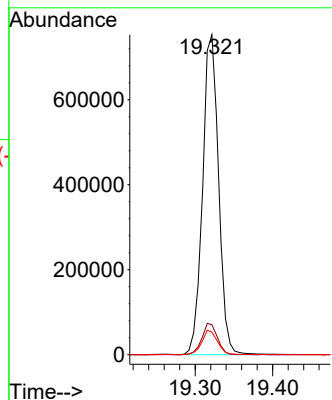
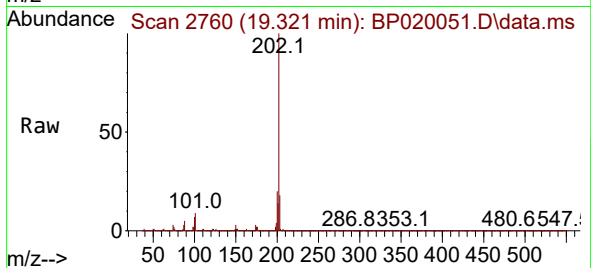
Tgt Ion:202 Resp: 1079466

Ion Ratio Lower Upper

202 100

101 9.3 7.7 11.5

100 7.1 5.7 8.5



#82

Pyrene

Concen: 33.880 ng/ul

RT: 19.698 min Scan# 2824

Delta R.T. 0.006 min

Lab File: BP020051.D

Acq: 20 Apr 2024 20:14

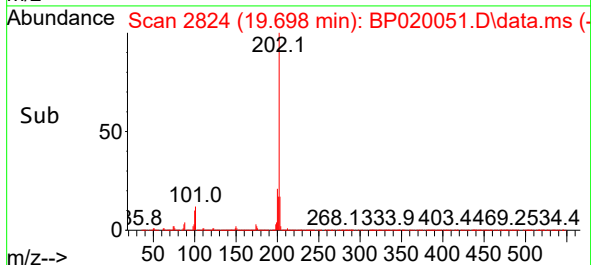
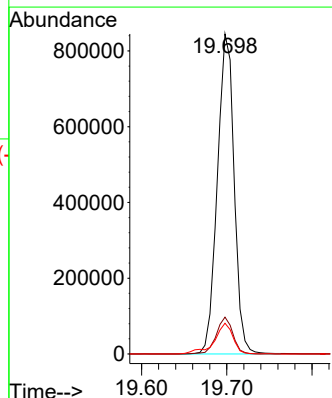
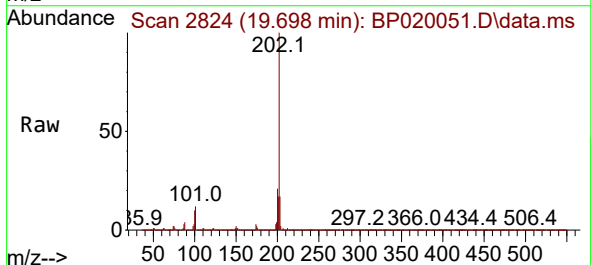
Tgt Ion:202 Resp: 1157974

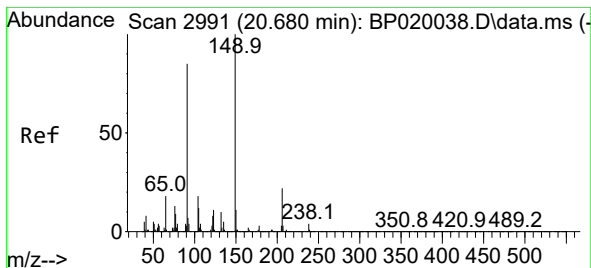
Ion Ratio Lower Upper

202 100

101 11.5 9.3 13.9

100 9.6 7.6 11.4





#83

Butylbenzylphthalate

Concen: 35.113 ng/ul

RT: 20.674 min Scan# 2991

Delta R.T. -0.000 min

Lab File: BP020051.D

Acq: 20 Apr 2024 20:14

Instrument :

BNA_P

ClientSampleId :

SLCS383

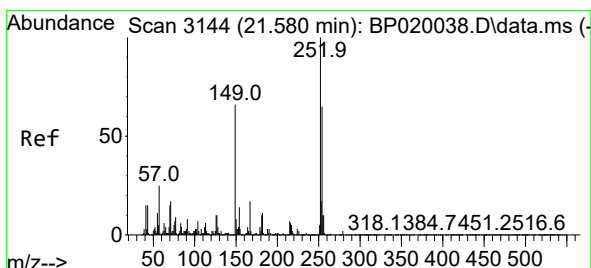
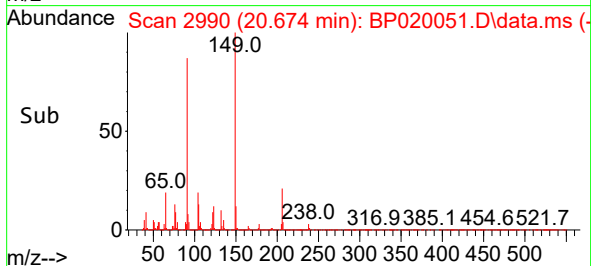
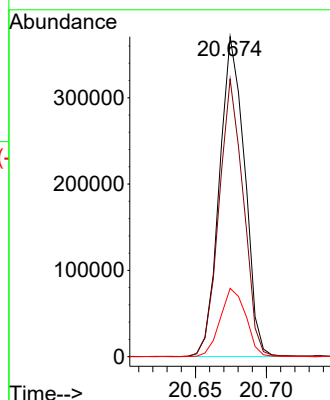
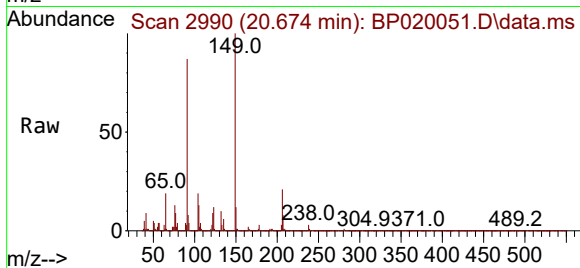
Tgt Ion:149 Resp: 457587

Ion Ratio Lower Upper

149 100

91 86.7 69.6 104.4

206 21.3 17.4 26.0



#84

3,3'-Dichlorobenzidine

Concen: 31.941 ng/ul

RT: 21.586 min Scan# 3145

Delta R.T. 0.017 min

Lab File: BP020051.D

Acq: 20 Apr 2024 20:14

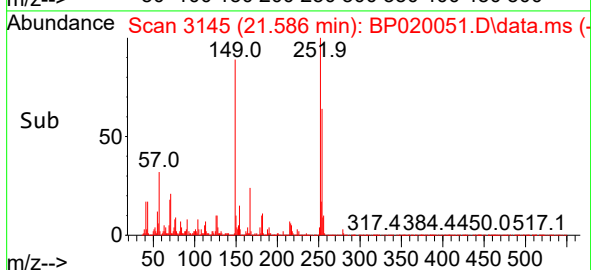
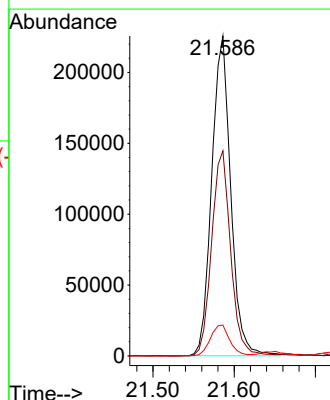
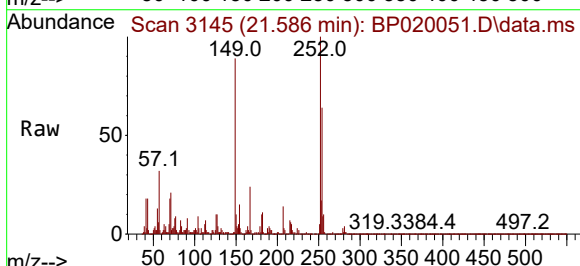
Tgt Ion:252 Resp: 367229

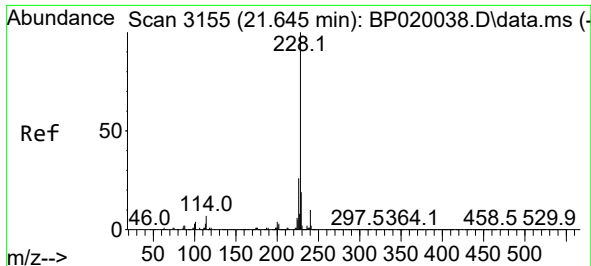
Ion Ratio Lower Upper

252 100

254 64.1 51.5 77.3

126 9.6 7.9 11.9





#85

Benzo(a)anthracene

Concen: 32.365 ng/ul

RT: 21.651 min Scan# 3156

Delta R.T. 0.017 min

Lab File: BP020051.D

Acq: 20 Apr 2024 20:14

Instrument :

BNA_P

ClientSampleId :

SLCS383

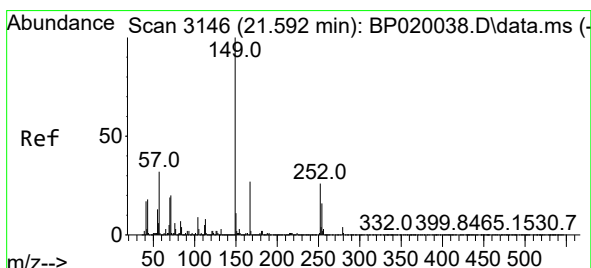
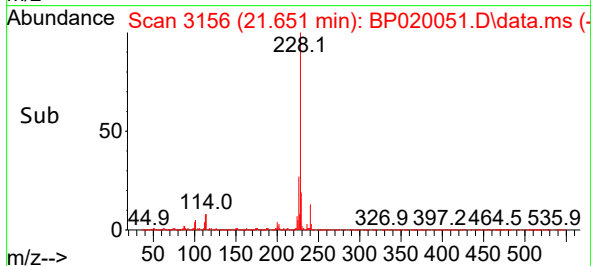
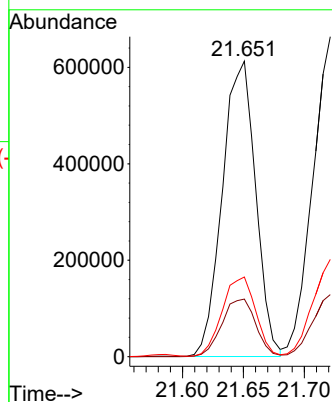
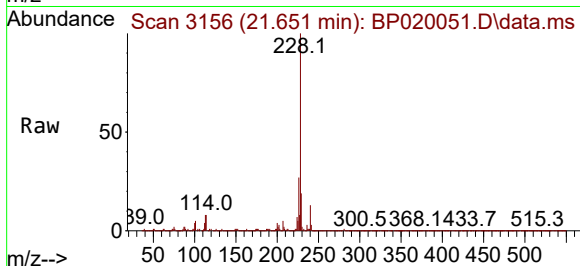
Tgt Ion:228 Resp: 1164044

Ion Ratio Lower Upper

228 100

229 19.5 15.7 23.5

226 27.0 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 33.872 ng/ul

RT: 21.598 min Scan# 3147

Delta R.T. 0.006 min

Lab File: BP020051.D

Acq: 20 Apr 2024 20:14

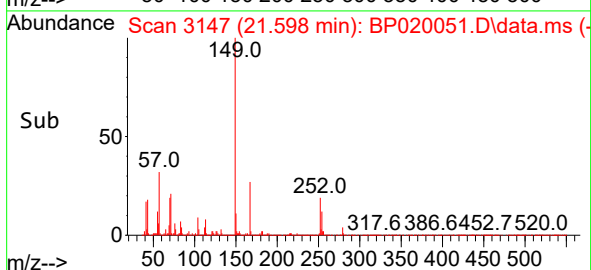
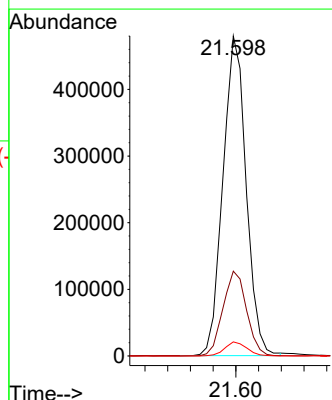
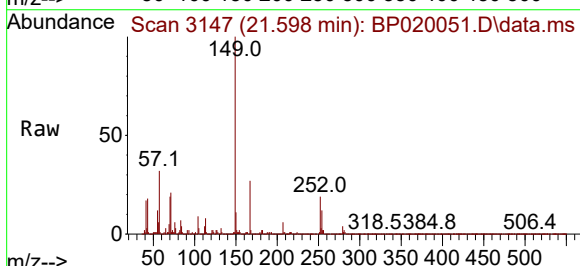
Tgt Ion:149 Resp: 680487

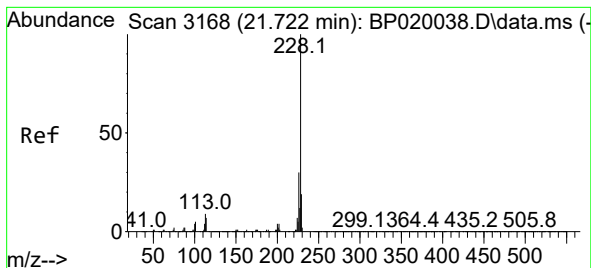
Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

279 4.4 3.2 4.8





#87

Chrysene

Concen: 33.055 ng/ul

RT: 21.721 min Scan# 3168

Delta R.T. 0.012 min

Lab File: BP020051.D

Acq: 20 Apr 2024 20:14

Instrument :

BNA_P

ClientSampleId :

SLCS383

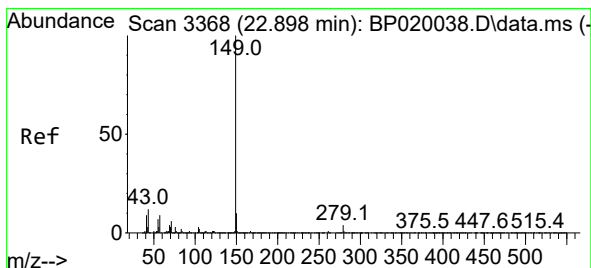
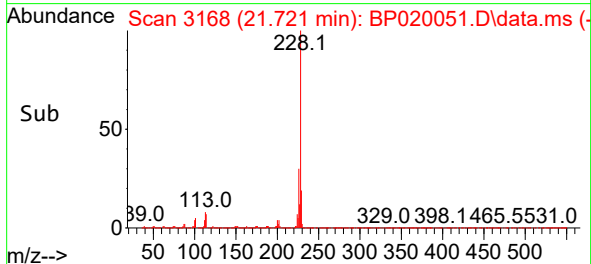
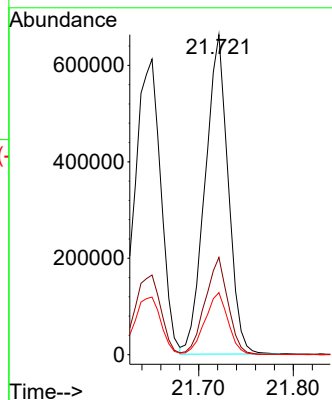
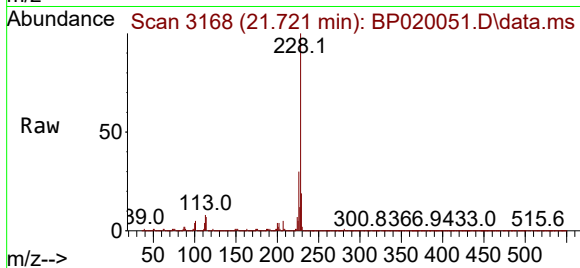
Tgt Ion:228 Resp: 1119577

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.4

229 19.4 15.4 23.2



#89

Di-n-octyl phthalate

Concen: 33.315 ng/ul

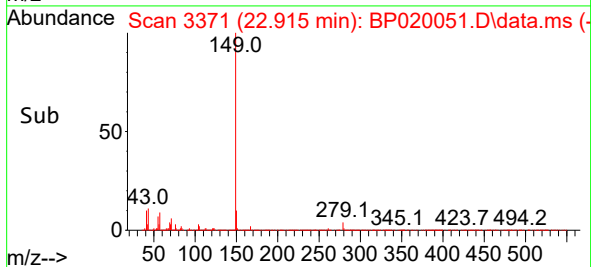
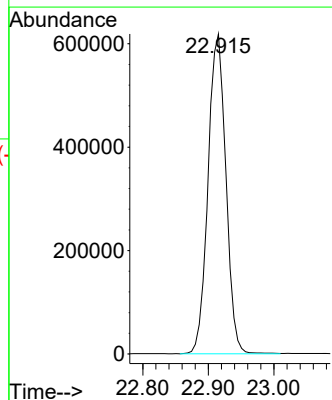
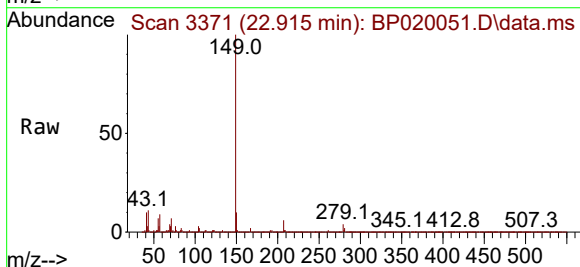
RT: 22.915 min Scan# 3371

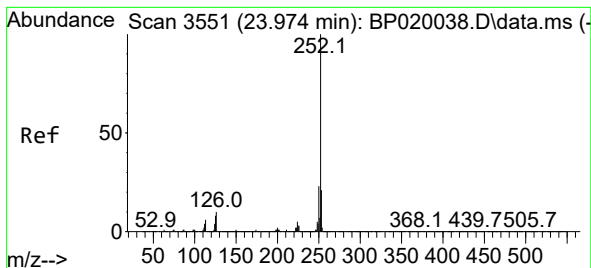
Delta R.T. 0.017 min

Lab File: BP020051.D

Acq: 20 Apr 2024 20:14

Tgt Ion:149 Resp: 1169189





#90

Benzo(b)fluoranthene

Concen: 34.239 ng/ul

RT: 23.980 min Scan# 3552

Delta R.T. 0.006 min

Lab File: BP020051.D

Acq: 20 Apr 2024 20:14

Instrument :

BNA_P

ClientSampleId :

SLCS383

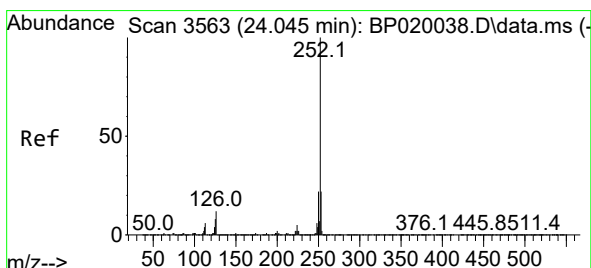
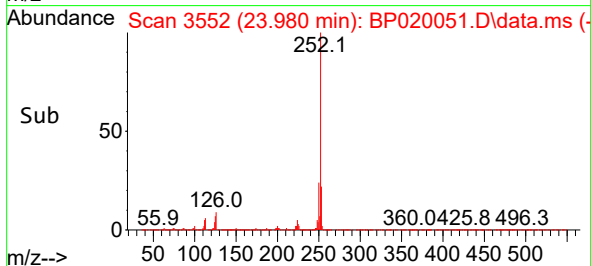
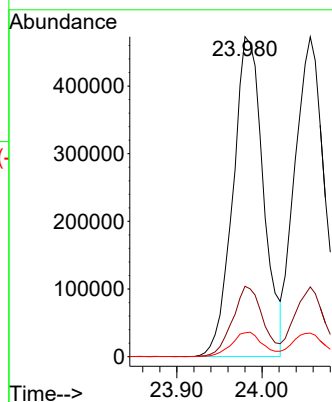
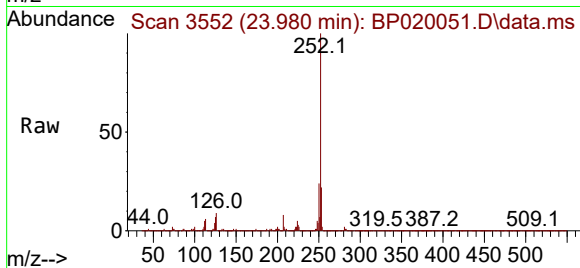
Tgt Ion:252 Resp: 1171738

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 7.5 5.8 8.6



#91

Benzo(k)fluoranthene

Concen: 32.593 ng/ul

RT: 24.057 min Scan# 3565

Delta R.T. 0.012 min

Lab File: BP020051.D

Acq: 20 Apr 2024 20:14

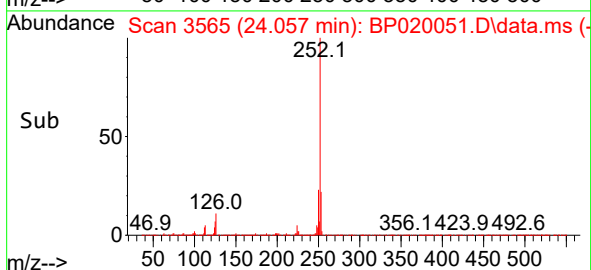
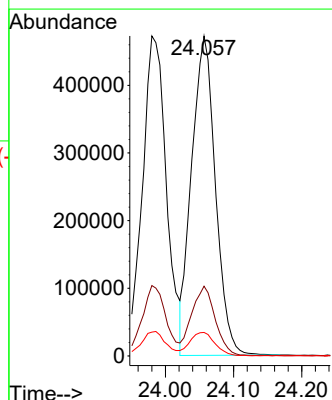
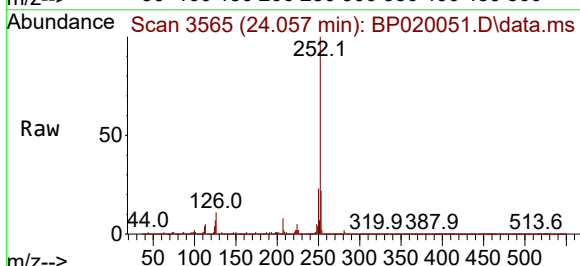
Tgt Ion:252 Resp: 1143506

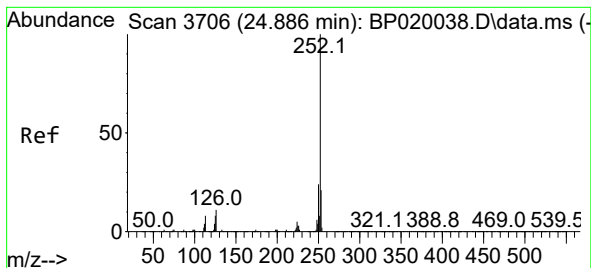
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 7.4 5.9 8.9





#93

Benzo(a)pyrene

Concen: 29.588 ng/ul

RT: 24.904 min Scan# 31

Delta R.T. 0.017 min

Lab File: BP020051.D

Acq: 20 Apr 2024 20:14

Instrument :

BNA_P

ClientSampleId :

SLCS383

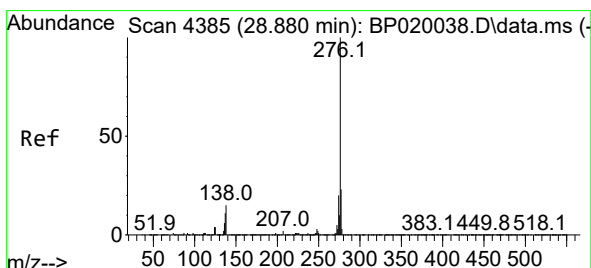
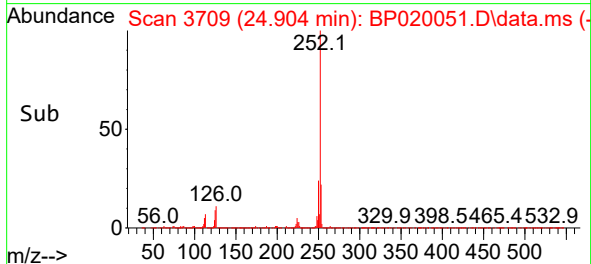
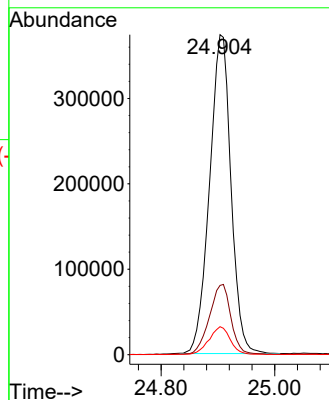
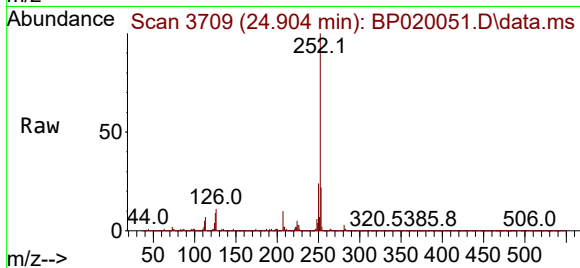
Tgt Ion:252 Resp: 975759

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 8.7 7.0 10.6



#94

Indeno(1,2,3-cd)pyrene

Concen: 29.117 ng/ul

RT: 28.915 min Scan# 4391

Delta R.T. 0.012 min

Lab File: BP020051.D

Acq: 20 Apr 2024 20:14

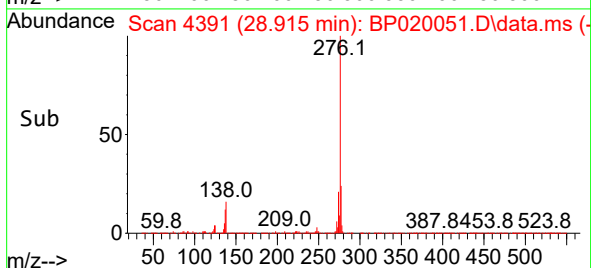
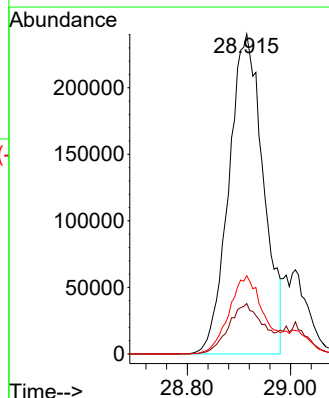
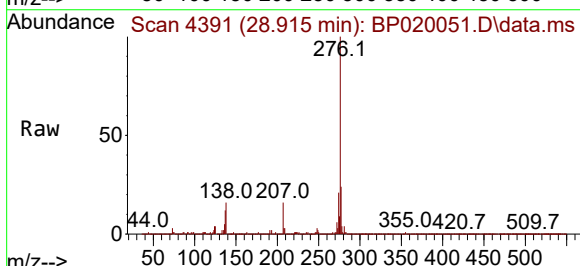
Tgt Ion:276 Resp: 1113463

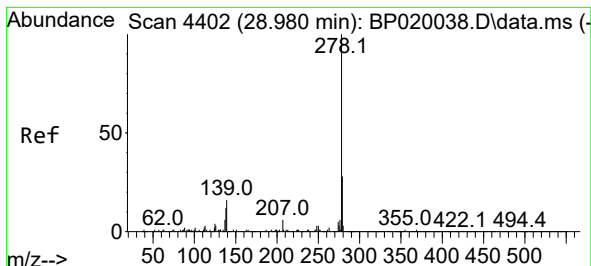
Ion Ratio Lower Upper

276 100

138 15.8 11.7 17.5

277 24.4 18.6 28.0





#95

Dibenzo(a,h)anthracene

Concen: 17.576 ng/ul

RT: 29.015 min Scan# 4402

Delta R.T. 0.017 min

Lab File: BP020051.D

Acq: 20 Apr 2024 20:14

Instrument :

BNA_P

ClientSampleId :

SLCS383

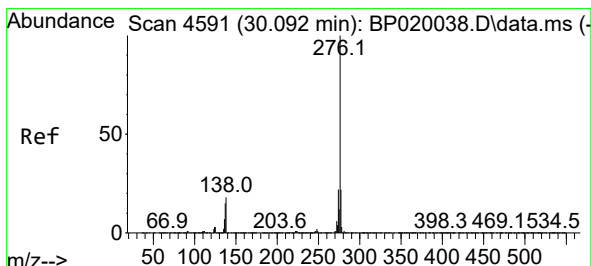
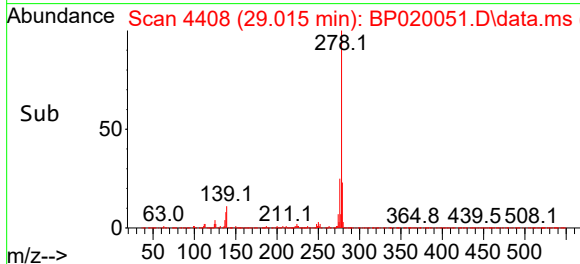
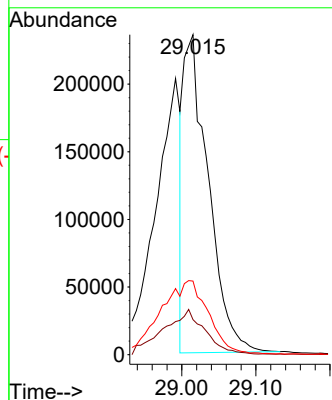
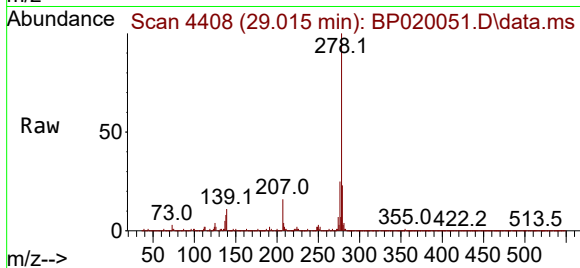
Tgt Ion:278 Resp: 547629

Ion Ratio Lower Upper

278 100

139 11.0 9.4 14.2

279 23.0 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 15.297 ng/ul

RT: 30.103 min Scan# 4593

Delta R.T. 0.006 min

Lab File: BP020051.D

Acq: 20 Apr 2024 20:14

Tgt Ion:276 Resp: 467892

Ion Ratio Lower Upper

276 100

138 15.9 13.5 20.3

277 23.5 19.4 29.2

