

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032624\
 Data File : BP020007.D
 Acq On : 26 Mar 2024 22:00
 Operator : MA/JU
 Sample : PB159785BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS785

Quant Time: Mar 26 23:29:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 25 10:46:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	85479	20.000	ng/u1	0.00
20) Naphthalene-d8	10.363	136	348609	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.240	164	233939	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.063	188	518330	20.000	ng/u1	-0.01
79) Chrysene-d12	21.522	240	531627	20.000	ng/u1	-0.02
88) Perylene-d12	24.810	264	577510	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	16976	8.702	ng/uL	0.00
4) Pyridine-d5	3.640	84	161448	27.407	ng/u1	0.00
7) Phenol-d5	6.805	99	316752	43.937	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	203591	43.346	ng/u1	0.00
11) 2-Chlorophenol-d4	7.158	132	223002	43.073	ng/u1	0.00
15) 4-Methylphenol-d8	8.322	113	246391	44.175	ng/u1	0.02
21) Nitrobenzene-d5	8.763	128	113974	42.655	ng/u1	0.00
24) 2-Nitrophenol-d4	9.469	143	129063	43.171	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.005	165	242430	44.402	ng/u1	0.00
31) 4-Chloroaniline-d4	10.528	131	68740	9.658	ng/u1	0.01
46) Dimethylphthalate-d6	13.663	166	738986	45.055	ng/u1	0.01
49) Acenaphthylene-d8	13.922	160	825613	43.090	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.481	143	130356	50.554	ng/u1	0.00
60) Fluorene-d10	15.263	176	624750	44.714	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	141364	45.562	ng/u1	-0.02
73) Anthracene-d10	17.175	188	1012329	44.121	ng/u1	0.00
81) Pyrene-d10	19.563	212	1274246	40.853	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.586	264	1263899	45.555	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.275	88	36888	16.569	ng/uL	95
5) Pyridine	3.658	79	202278	33.687	ng/u1	98
6) Benzaldehyde	6.799	77	57600	16.158	ng/u1	94
8) Phenol	6.834	94	336235	44.610	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.064	93	272408	44.628	ng/u1	99
12) 2-Chlorophenol	7.193	128	243210	44.575	ng/u1	96
13) 2-Methylphenol	8.052	108	247342	45.524	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.134	45	380261	45.305	ng/u1	99
16) Acetophenone	8.428	105	407386	45.282	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.411	70	231551	46.145	ng/u1	99
18) 4-Methylphenol	8.381	108	264411	45.214	ng/u1	99
19) Hexachloroethane	8.658	117	112880	44.541	ng/u1	94
22) Nitrobenzene	8.805	77	344849	45.310	ng/u1	99
23) Isophorone	9.322	82	640400	45.140	ng/u1	100
25) 2-Nitrophenol	9.499	139	140596	45.112	ng/u1	95
26) 2,4-Dimethylphenol	9.557	107	296024	43.511	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.799	93	368822	44.459	ng/u1	98
29) 2,4-Dichlorophenol	10.034	162	243786	45.642	ng/u1	99
30) Naphthalene	10.416	128	785714	43.933	ng/u1	99
32) 4-Chloroaniline	10.552	127	109130	15.623	ng/u1	97
33) Hexachlorobutadiene	10.669	225	182653	43.394	ng/u1	98
34) Caprolactam	11.346	113	61240	36.885	ng/u1	92
35) 4-Chloro-3-methylphenol	11.669	107	293298	49.432	ng/u1	99
36) 2-Methylnaphthalene	12.034	142	543742	45.663	ng/u1	100

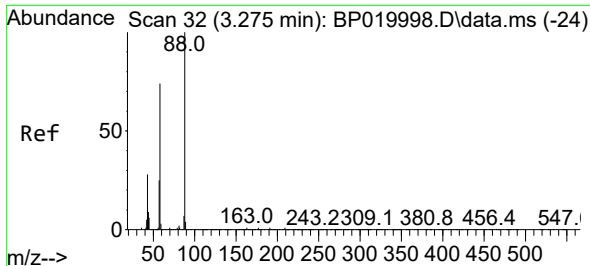
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.251	142	533555	44.802	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.399	216	326797	42.252	ng/ul	98
40) Hexachlorocyclopentadiene	12.363	237	176855	40.408	ng/ul	99
41) 2,4,6-Trichlorophenol	12.651	196	205307	43.208	ng/ul	98
42) 2,4,5-Trichlorophenol	12.734	196	226775	46.144	ng/ul	98
43) 1,1'-Biphenyl	13.057	154	730187	43.100	ng/ul	99
44) 2-Chloronaphthalene	13.099	162	582518	42.637	ng/ul	99
45) 2-Nitroaniline	13.334	65	214955	49.949	ng/ul	99
47) Dimethylphthalate	13.710	163	768729	46.433	ng/ul	99
48) 2,6-Dinitrotoluene	13.834	165	162638	48.385	ng/ul	98
50) Acenaphthylene	13.951	152	962187	44.905	ng/ul	99
51) 3-Nitroaniline	14.175	138	101852	32.902	ng/ul	90
52) Acenaphthene	14.298	153	626521	44.015	ng/ul	100
53) 2,4-Dinitrophenol	14.398	184	94784	49.548	ng/ul	96
55) 4-Nitrophenol	14.498	109	126536	53.474	ng/ul	95
56) Dibenzofuran	14.645	168	877567	45.396	ng/ul	95
57) 2,4-Dinitrotoluene	14.640	165	240174	52.261	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.893	232	196890	46.717	ng/ul	99
59) Diethylphthalate	15.104	149	814788	49.629	ng/ul	98
61) Fluorene	15.322	166	735993	46.680	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.322	204	382490	45.291	ng/ul	98
63) 4-Nitroaniline	15.357	138	146518	55.419	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.416	198	154294	46.858	ng/ul	92
67) N-Nitrosodiphenylamine	15.551	169	600597	41.949	ng/ul	99
68) 4-Bromophenyl-phenylether	16.234	248	248897	44.245	ng/ul	94
69) Hexachlorobenzene	16.340	284	277505	44.426	ng/ul	99
70) Atrazine	16.534	200	36905	6.728	ng/ul	97
71) Pentachlorophenol	16.710	266	159944	43.680	ng/ul	98
72) Phenanthrene	17.110	178	1232354	45.985	ng/ul	99
74) Anthracene	17.210	178	1244901	45.750	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.016	216	331135	39.183	ng/uL	98
76) Pentachlorobenzene	14.563	250	319831	40.866	ng/uL	99
77) Carbazole	17.498	167	1069354	45.958	ng/ul	99
78) Di-n-butylphthalate	18.086	149	1428443	49.167	ng/ul	99
80) Fluoranthene	19.216	202	1502731	41.017	ng/ul	97
82) Pyrene	19.592	202	1597146	41.945	ng/ul	98
83) Butylbenzylphthalate	20.569	149	700096	45.279	ng/ul	98
85) Benzo(a)anthracene	21.504	228	1678762	45.631	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.457	149	1019856	45.141	ng/ul	99
87) Chrysene	21.569	228	1592043	46.545	ng/ul	99
89) Di-n-octyl phthalate	22.722	149	1817582	49.623	ng/ul	100
90) Benzo(b)fluoranthene	23.769	252	1690336	49.923	ng/ul	99
91) Benzo(k)fluoranthene	23.839	252	1671729	48.585	ng/ul	99
93) Benzo(a)pyrene	24.651	252	1594479	48.684	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.533	276	1497060	36.291	ng/ul	99
95) Dibenzo(a,h)anthracene	28.615	278	1608273	47.929	ng/ul	98
96) Benzo(g,h,i)perylene	29.680	276	1563043	46.910	ng/ul	97

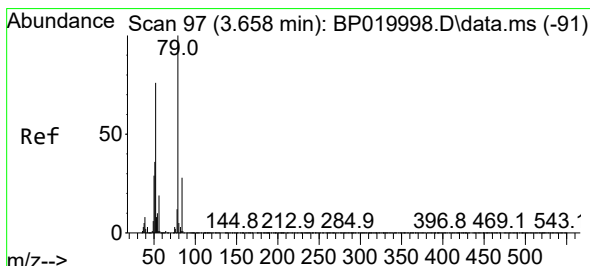
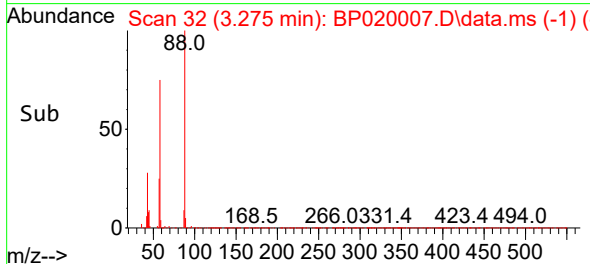
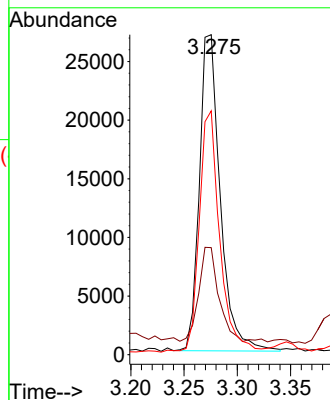
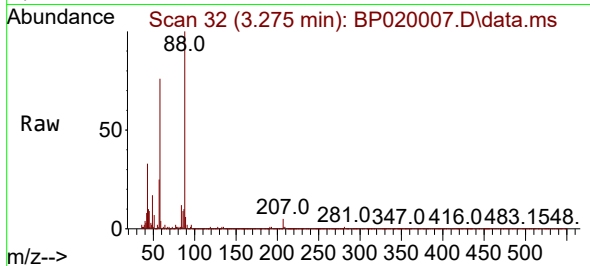
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 16.569 ng/uL
RT: 3.275 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP020007.D
Acq: 26 Mar 2024 22:00

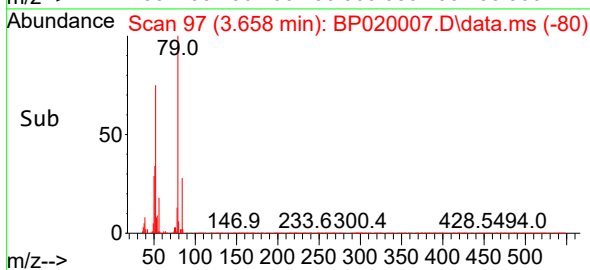
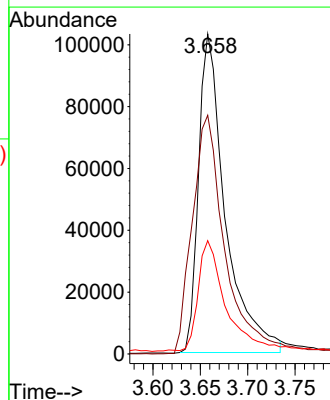
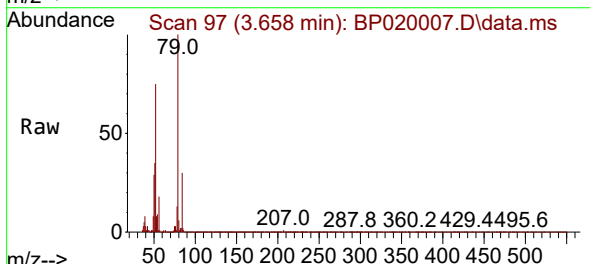
Instrument :
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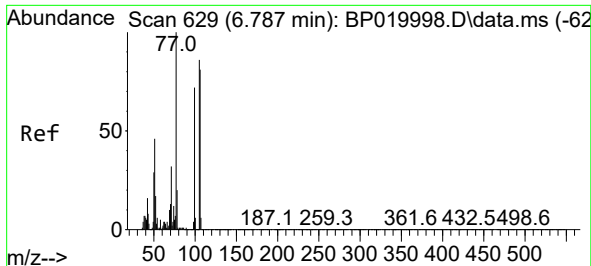
Tgt Ion:	88	Resp:	36888
Ion	Ratio	Lower	Upper
88	100		
43	33.5	23.3	34.9
58	76.2	58.3	87.5



#5
Pyridine
Concen: 33.687 ng/uL
RT: 3.658 min Scan# 97
Delta R.T. -0.000 min
Lab File: BP020007.D
Acq: 26 Mar 2024 22:00

Tgt Ion:	79	Resp:	202278
Ion	Ratio	Lower	Upper
79	100		
52	74.6	57.9	86.9
51	35.4	28.2	42.2

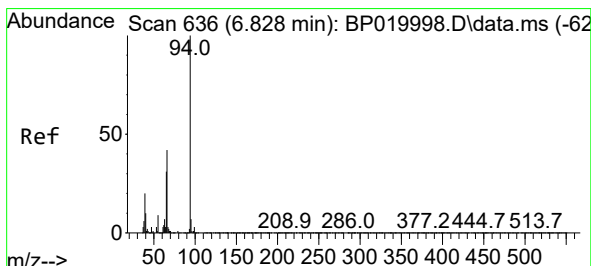
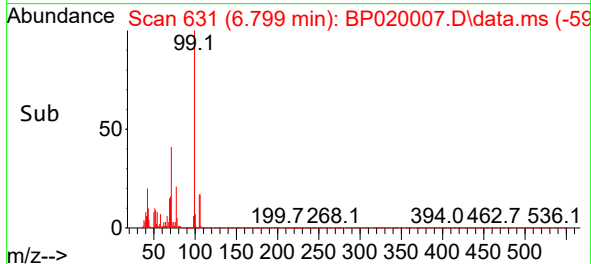
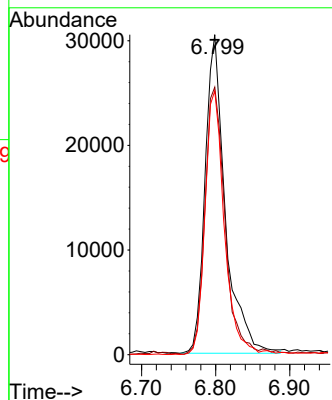
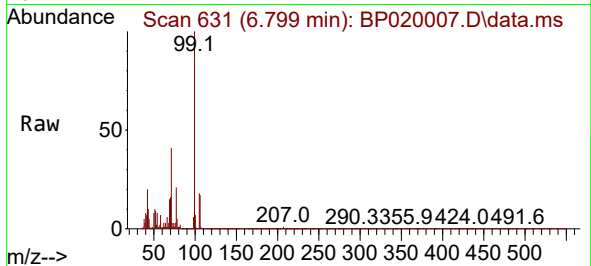




#6
Benzaldehyde
Concen: 16.158 ng/ul
RT: 6.799 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP020007.D
Acq: 26 Mar 2024 22:00

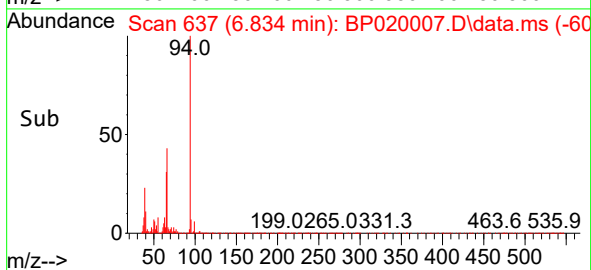
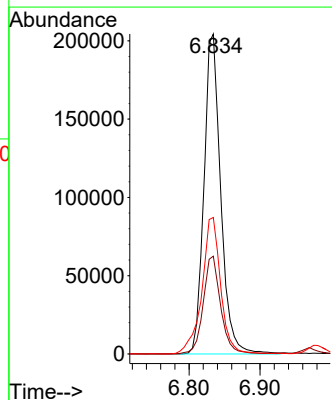
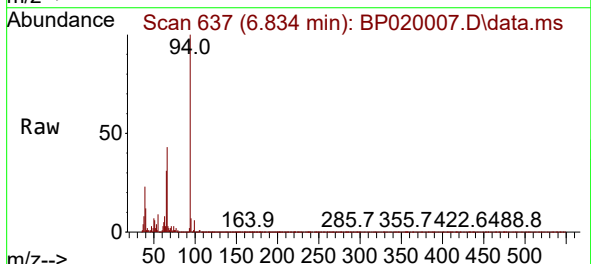
Instrument :
BNA_P
ClientSampleId :
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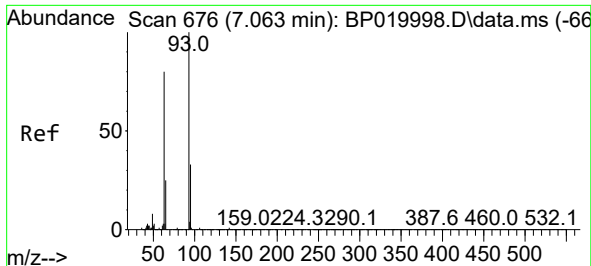
Tgt Ion: 77 Resp: 57600
Ion Ratio Lower Upper
77 100
105 83.6 72.2 108.4
106 82.5 69.1 103.7



#8
Phenol
Concen: 44.610 ng/ul
RT: 6.834 min Scan# 637
Delta R.T. 0.006 min
Lab File: BP020007.D
Acq: 26 Mar 2024 22:00

Tgt Ion: 94 Resp: 336235
Ion Ratio Lower Upper
94 100
65 30.6 23.8 35.8
66 42.7 33.2 49.8

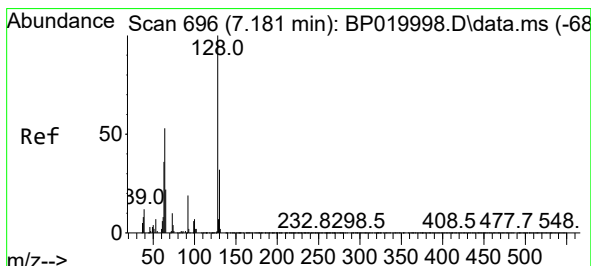
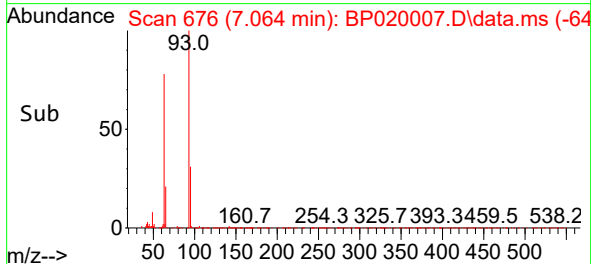
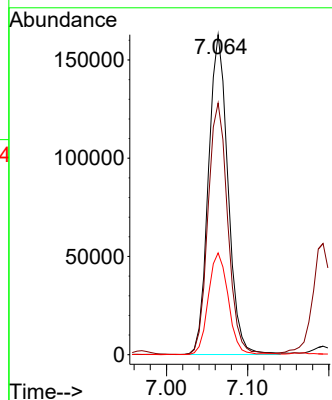
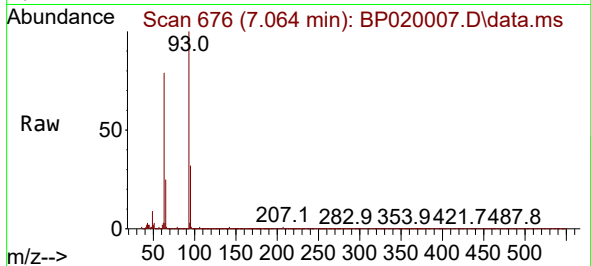




#10
Bis(2-Chloroethyl)ether
Concen: 44.628 ng/ul
RT: 7.064 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP020007.D
Acq: 26 Mar 2024 22:00

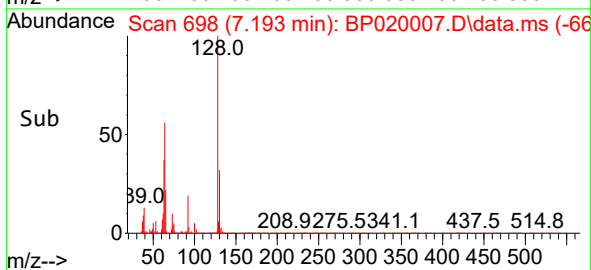
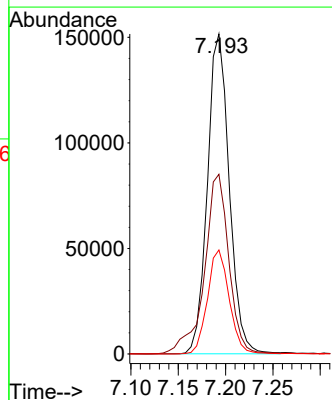
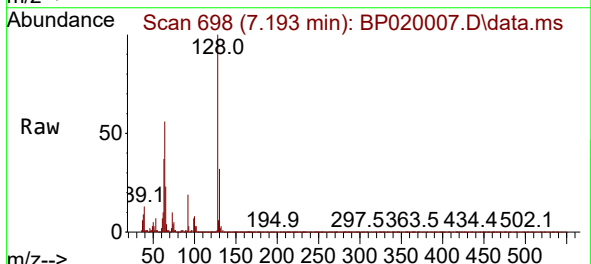
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ClientSampleId :
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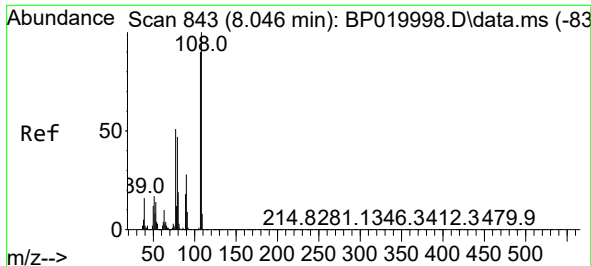
Tgt Ion: 93 Resp: 272408
Ion Ratio Lower Upper
93 100
63 78.6 63.5 95.3
95 31.8 24.9 37.3



#12
2-Chlorophenol
Concen: 44.575 ng/ul
RT: 7.193 min Scan# 698
Delta R.T. 0.006 min
Lab File: BP020007.D
Acq: 26 Mar 2024 22:00

Tgt Ion:128 Resp: 243210
Ion Ratio Lower Upper
128 100
64 56.1 42.5 63.7
130 32.5 25.0 37.4





#13

2-Methylphenol

Concen: 45.524 ng/ul

RT: 8.052 min Scan# 84

Delta R.T. -0.006 min

Lab File: BP020007.D

Acq: 26 Mar 2024 22:00

Instrument :

BNA_P

ClientSampleId :

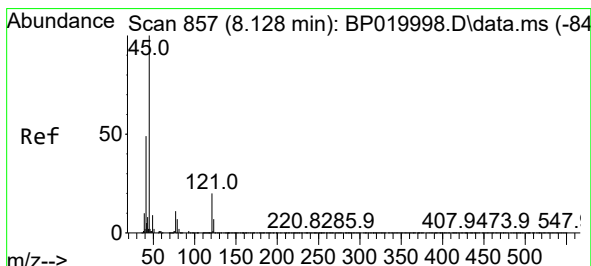
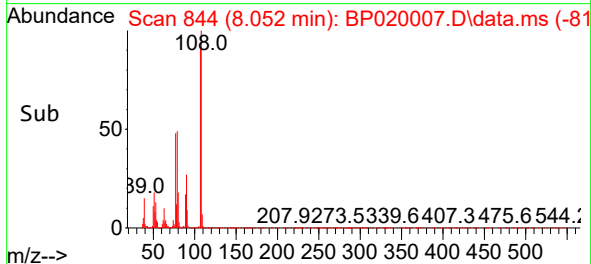
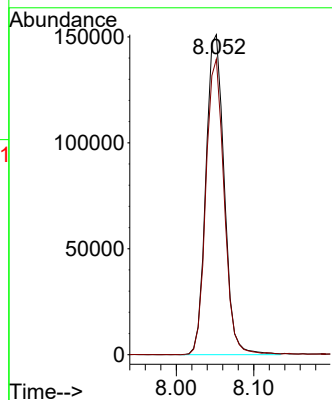
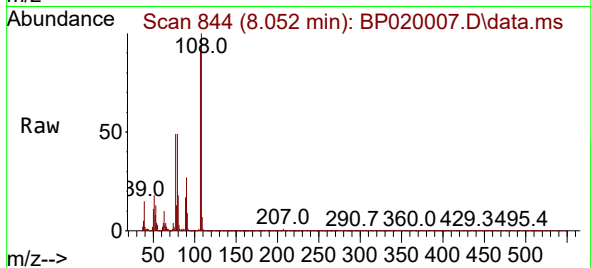
SLCS785

Tgt Ion:108 Resp: 247342

Ion Ratio Lower Upper

108 100

107 92.4 72.3 108.5



#14

2,2'-oxybis(1-Chloropropane)

Concen: 45.305 ng/ul

RT: 8.134 min Scan# 858

Delta R.T. -0.000 min

Lab File: BP020007.D

Acq: 26 Mar 2024 22:00

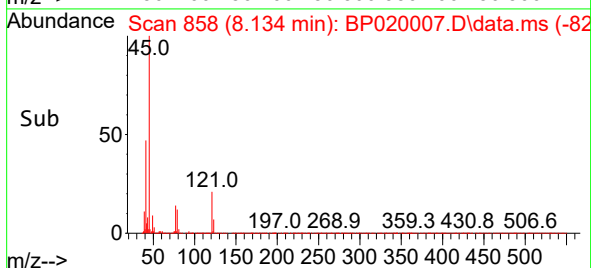
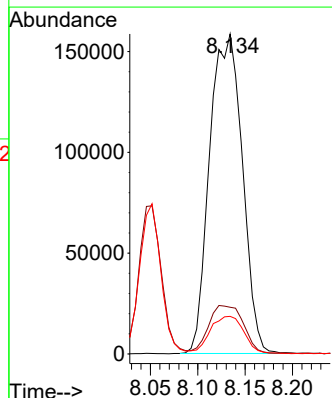
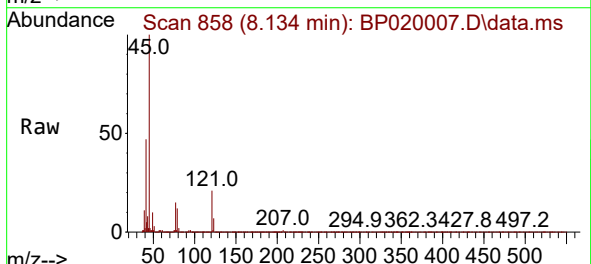
Tgt Ion: 45 Resp: 380261

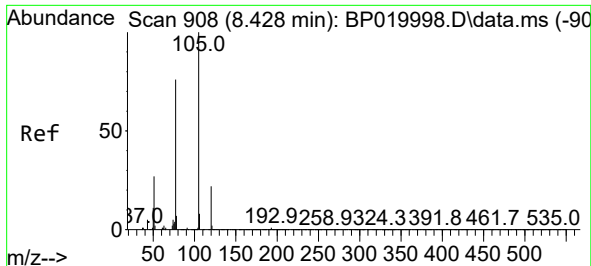
Ion Ratio Lower Upper

45 100

77 14.6 12.3 18.5

79 11.8 9.4 14.0

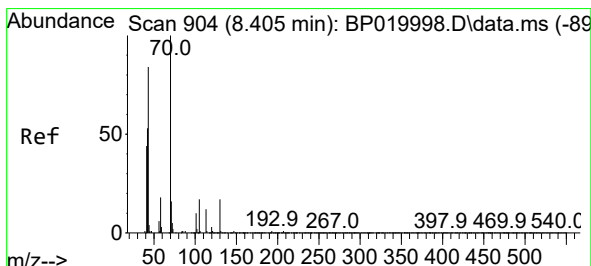
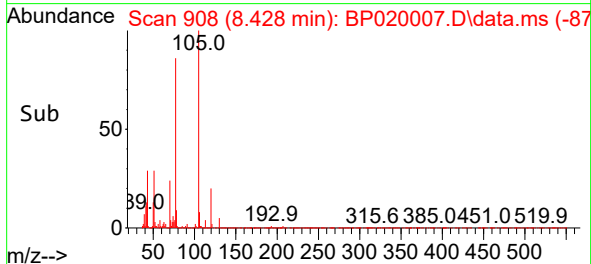
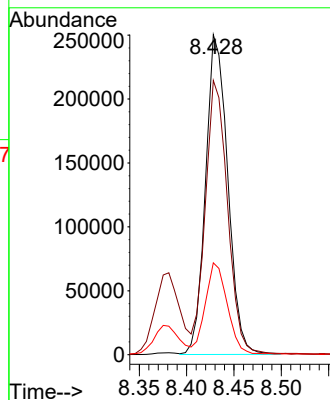
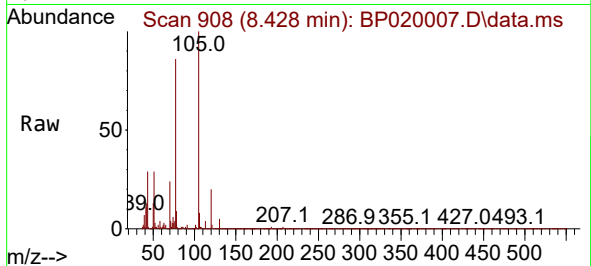




#16
Acetophenone
Concen: 45.282 ng/ul
RT: 8.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BP020007.D
Acq: 26 Mar 2024 22:00

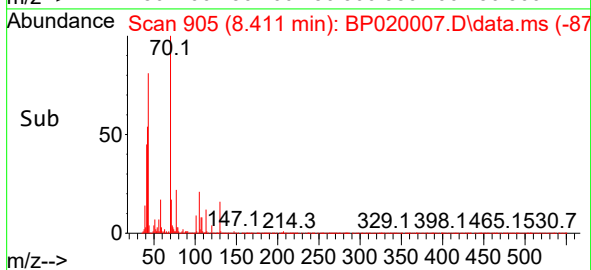
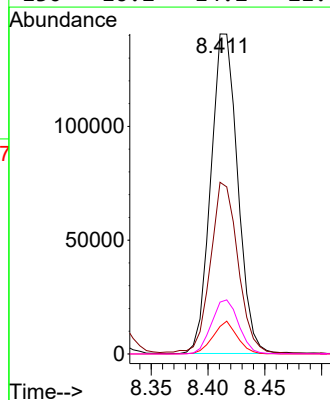
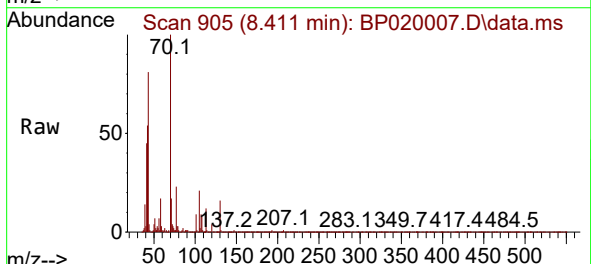
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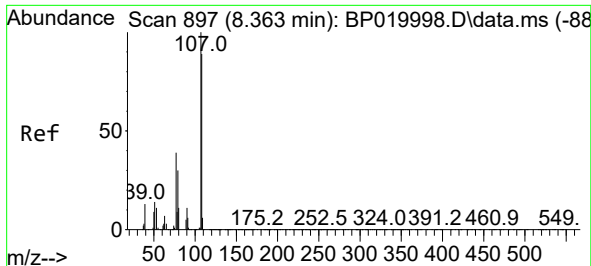
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Ion Ratio Lower Upper
105 100
77 85.7 67.8 101.6
51 28.7 21.8 32.8



#17
N-Nitroso-di-n-propylamine
Concen: 46.145 ng/ul
RT: 8.411 min Scan# 905
Delta R.T. -0.000 min
Lab File: BP020007.D
Acq: 26 Mar 2024 22:00

Tgt Ion: 70 Resp: 231551
Ion Ratio Lower Upper
70 100
42 53.7 43.1 64.7
101 8.6 7.7 11.5
130 16.2 14.2 21.4





#18

4-Methylphenol

Concen: 45.214 ng/ul

RT: 8.381 min Scan# 900

Delta R.T. 0.006 min

Lab File: BP020007.D

Acq: 26 Mar 2024 22:00

Instrument :

BNA_P

ClientSampleId :

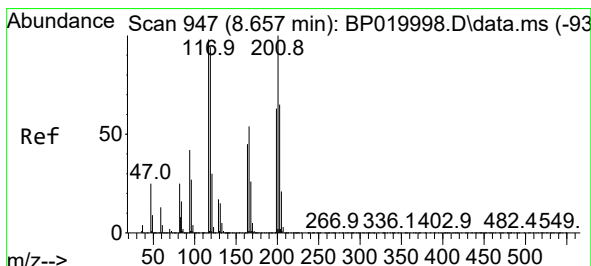
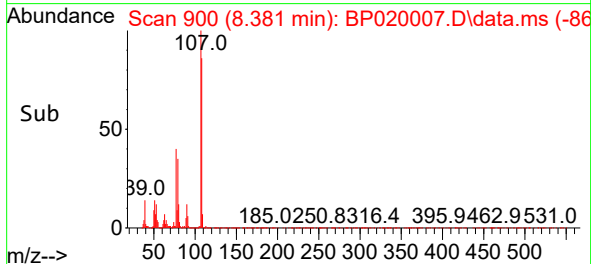
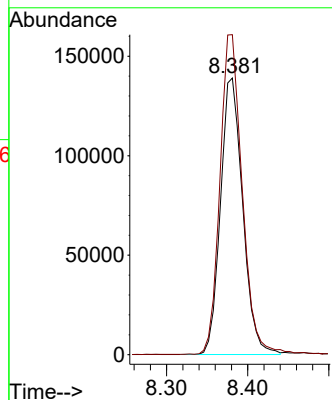
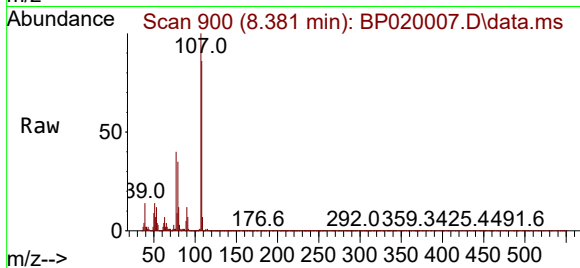
SLCS785

Tgt Ion:108 Resp: 264411

Ion Ratio Lower Upper

108 100

107 115.7 91.3 136.9



#19

Hexachloroethane

Concen: 44.541 ng/ul

RT: 8.658 min Scan# 947

Delta R.T. -0.000 min

Lab File: BP020007.D

Acq: 26 Mar 2024 22:00

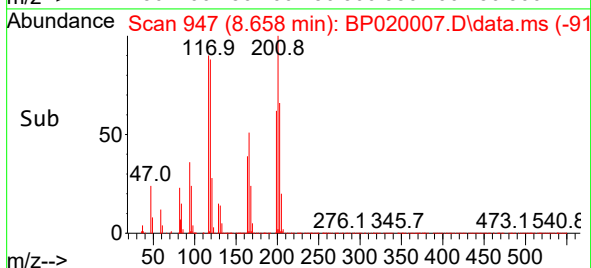
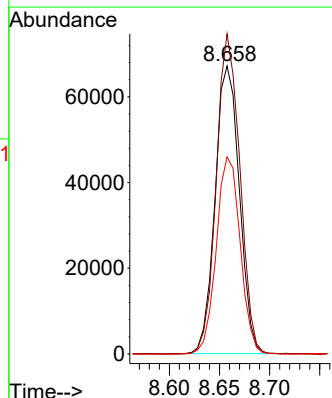
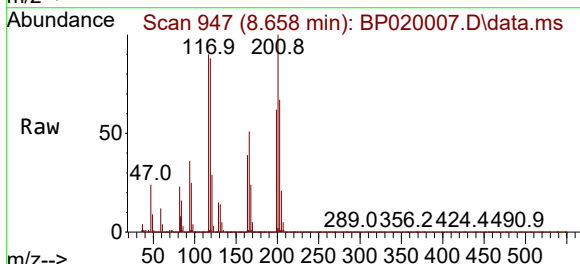
Tgt Ion:117 Resp: 112880

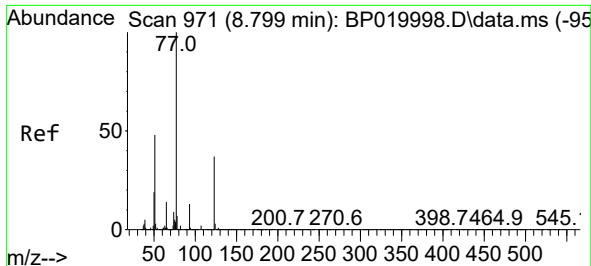
Ion Ratio Lower Upper

117 100

201 111.1 82.1 123.1

199 68.5 53.8 80.8

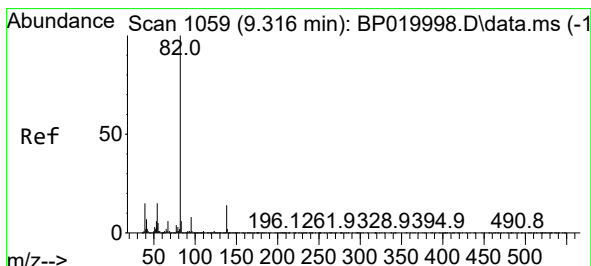
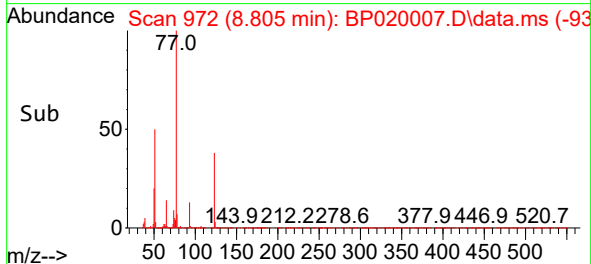
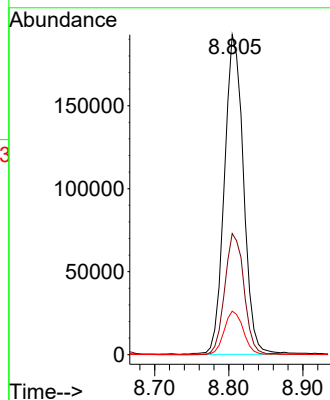
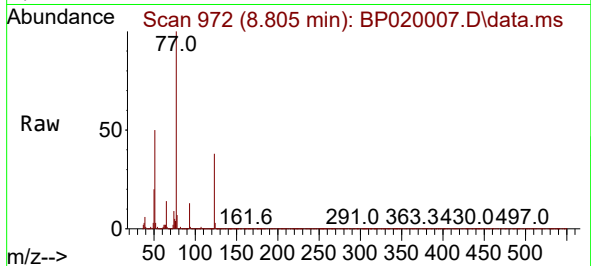




#22
Nitrobenzene
Concen: 45.310 ng/ul
RT: 8.805 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP020007.D
Acq: 26 Mar 2024 22:00

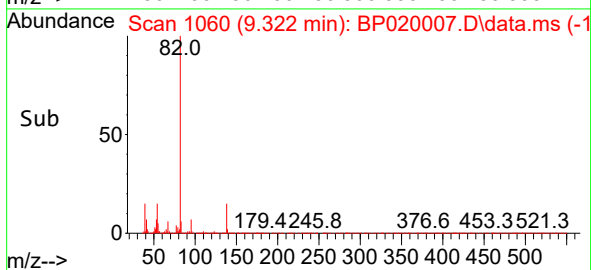
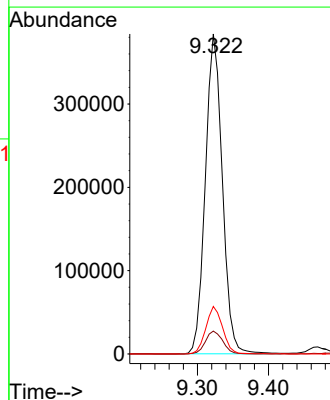
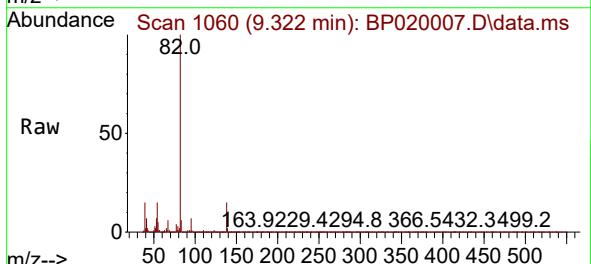
Instrument :
BNA_P
ClientSampleId :
SLCS785

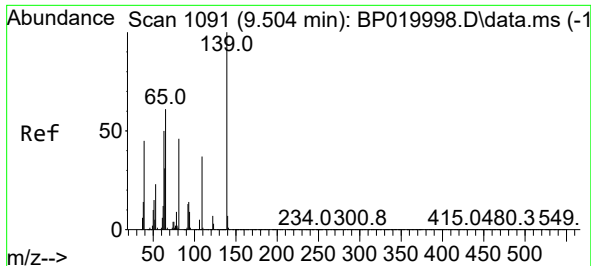
Tgt Ion: 77 Resp: 344849
Ion Ratio Lower Upper
77 100
123 37.9 30.6 46.0
65 13.6 11.4 17.0



#23
Isophorone
Concen: 45.140 ng/ul
RT: 9.322 min Scan# 1060
Delta R.T. -0.000 min
Lab File: BP020007.D
Acq: 26 Mar 2024 22:00

Tgt Ion: 82 Resp: 640400
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 14.9 12.1 18.1

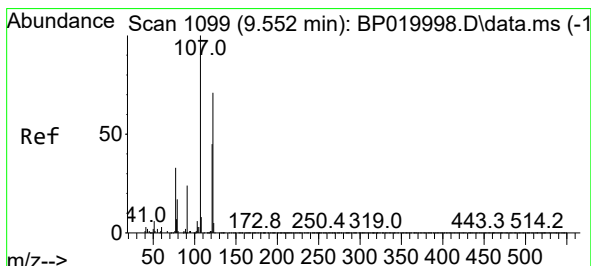
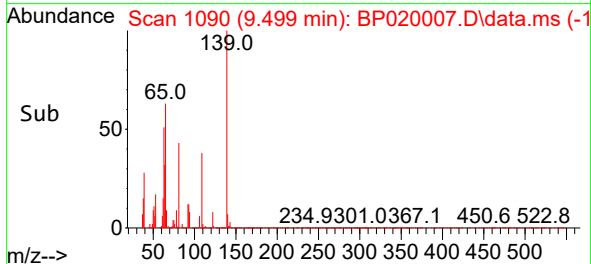
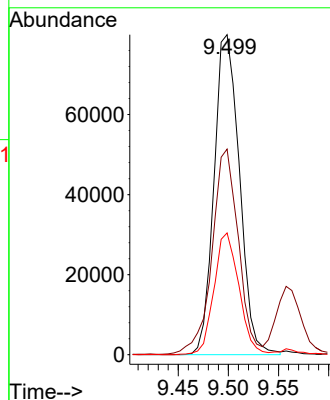
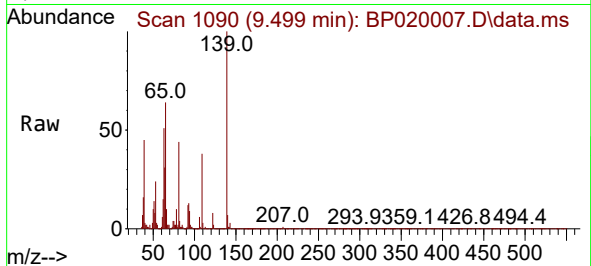




#25
2-Nitrophenol
Concen: 45.112 ng/ul
RT: 9.499 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BP020007.D
Acq: 26 Mar 2024 22:00

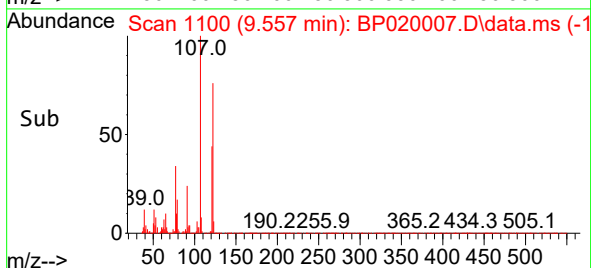
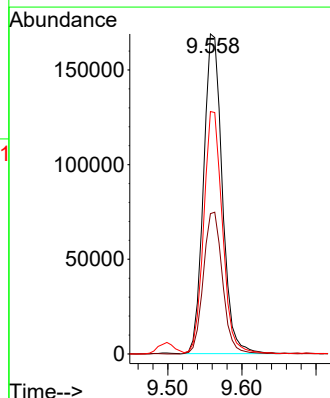
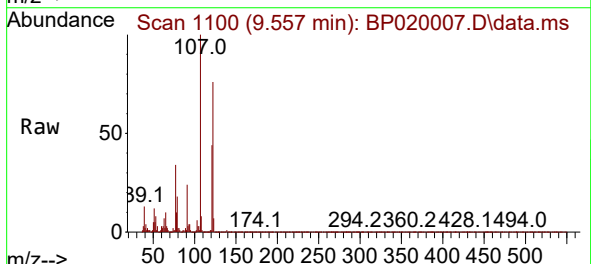
Instrument :
BNA_P
ClientSampleId :
SLCS785

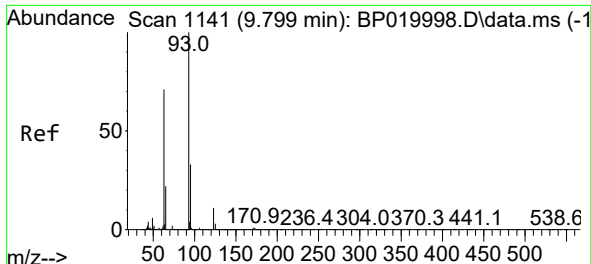
Tgt Ion:139 Resp: 140596
Ion Ratio Lower Upper
139 100
65 64.3 49.0 73.6
109 38.1 27.8 41.6



#26
2,4-Dimethylphenol
Concen: 43.511 ng/ul
RT: 9.557 min Scan# 1100
Delta R.T. -0.000 min
Lab File: BP020007.D
Acq: 26 Mar 2024 22:00

Tgt Ion:107 Resp: 296024
Ion Ratio Lower Upper
107 100
121 43.9 37.4 56.2
122 75.8 63.3 94.9





#27

Bis(2-Chloroethoxy)methane

Concen: 44.459 ng/ul

RT: 9.799 min Scan# 1141

Delta R.T. -0.000 min

Lab File: BP020007.D

Acq: 26 Mar 2024 22:00

Instrument :

BNA_P

ClientSampleId :

SLCS785

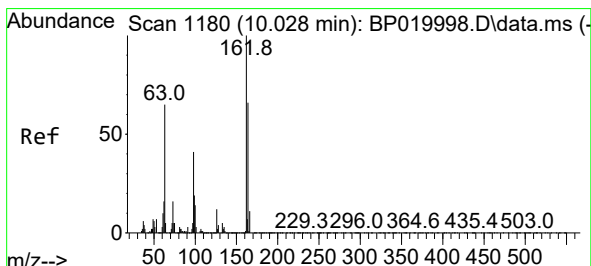
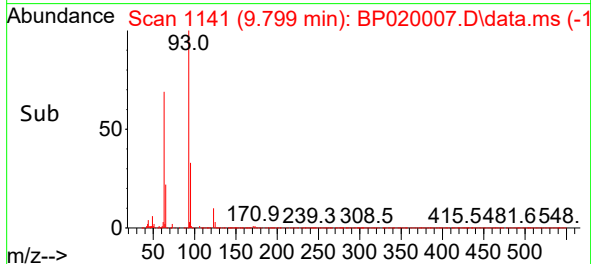
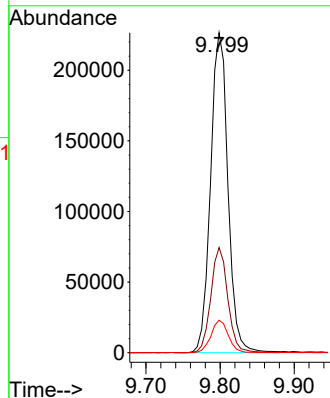
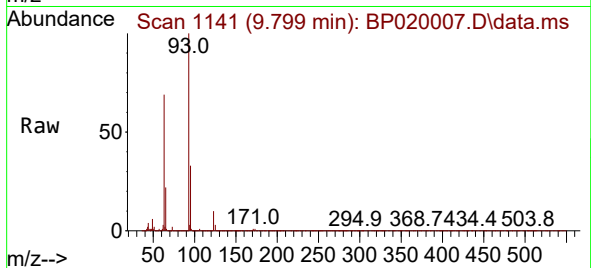
Tgt Ion: 93 Resp: 368822

Ion Ratio Lower Upper

93 100

95 32.8 25.2 37.8

123 10.1 7.9 11.9



#29

2,4-Dichlorophenol

Concen: 45.642 ng/ul

RT: 10.034 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BP020007.D

Acq: 26 Mar 2024 22:00

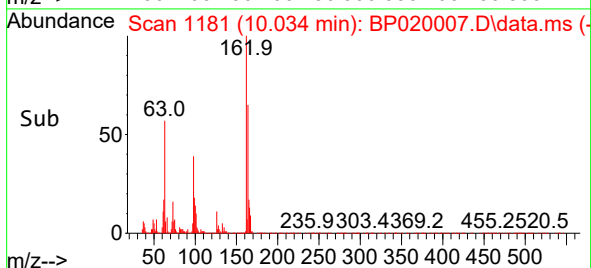
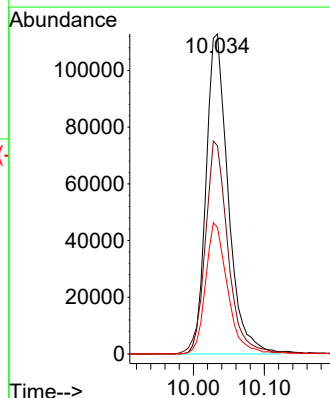
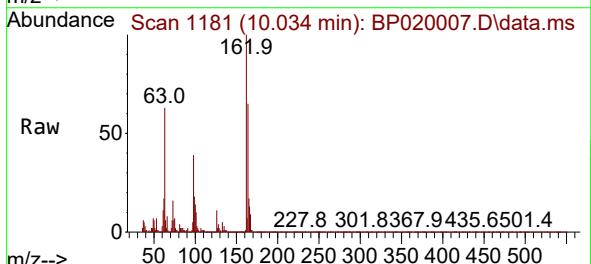
Tgt Ion:162 Resp: 243786

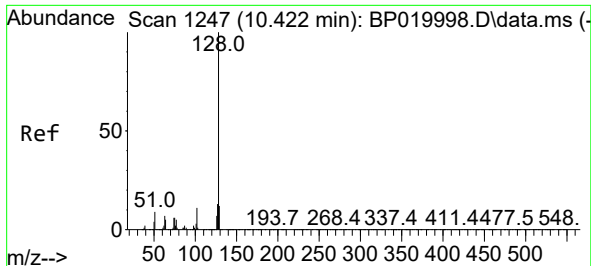
Ion Ratio Lower Upper

162 100

164 65.1 52.7 79.1

98 39.5 32.4 48.6

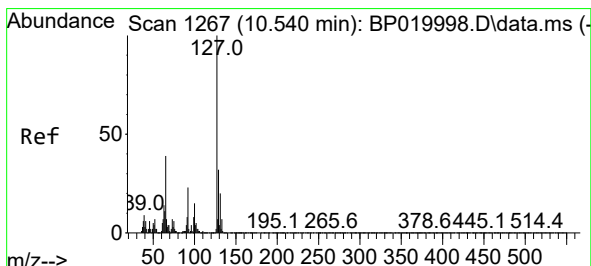
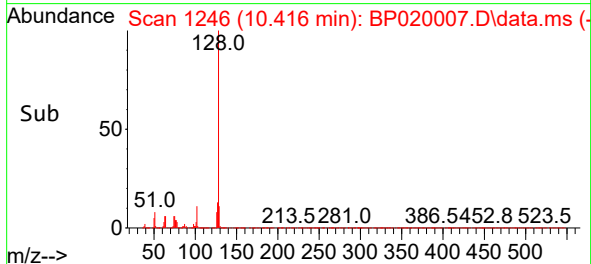
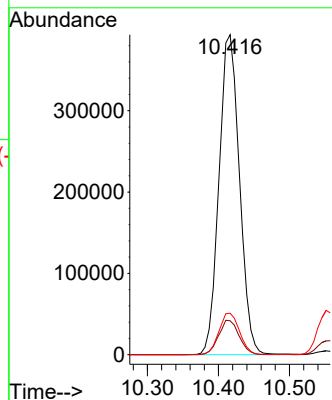
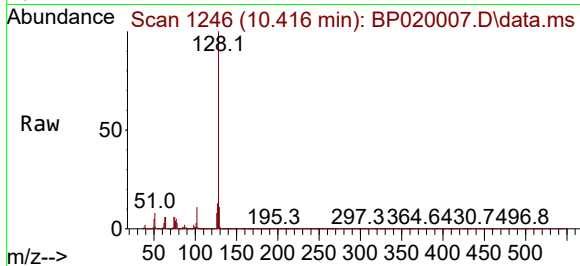




#30
Naphthalene
Concen: 43.933 ng/ul
RT: 10.416 min Scan# 1246
Delta R.T. -0.000 min
Lab File: BP020007.D
Acq: 26 Mar 2024 22:00

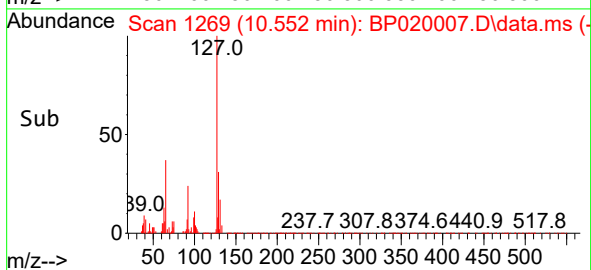
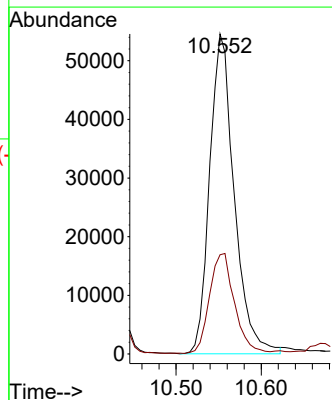
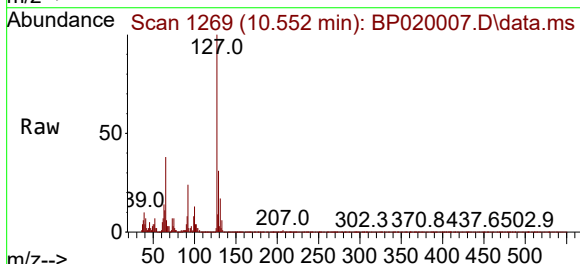
Instrument :
BNA_P
ClientSampleId :
SLCS785

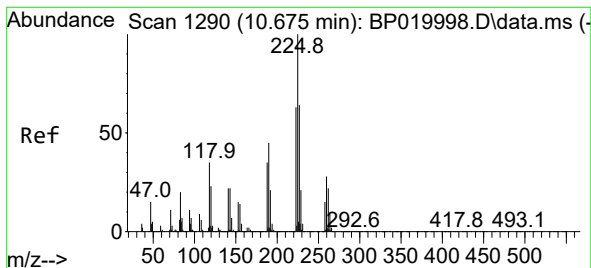
Tgt Ion:128 Resp: 785714
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 12.9 10.3 15.5



#32
4-Chloroaniline
Concen: 15.623 ng/ul
RT: 10.552 min Scan# 1269
Delta R.T. 0.006 min
Lab File: BP020007.D
Acq: 26 Mar 2024 22:00

Tgt Ion:127 Resp: 109130
Ion Ratio Lower Upper
127 100
129 31.0 26.2 39.2





#33

Hexachlorobutadiene

Concen: 43.394 ng/ul

RT: 10.669 min Scan# 1289

Delta R.T. -0.012 min

Lab File: BP020007.D

Acq: 26 Mar 2024 22:00

Instrument :

BNA_P

ClientSampleId :

SLCS785

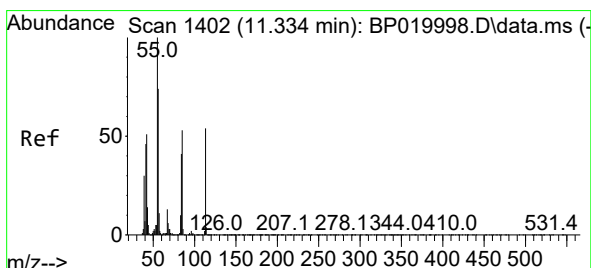
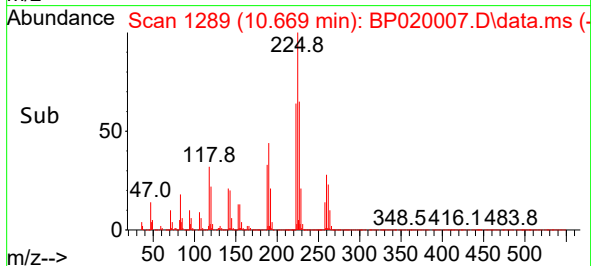
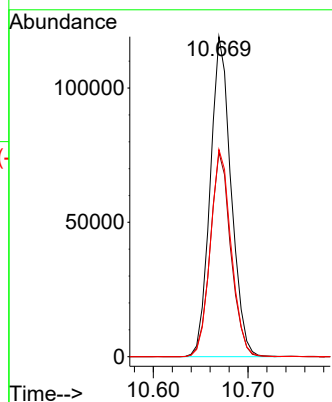
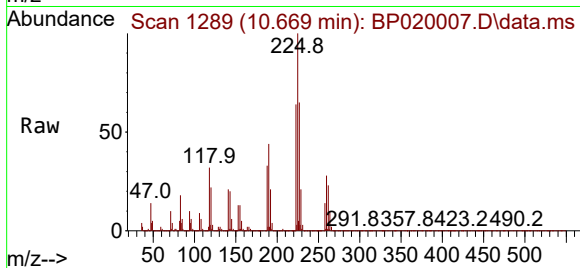
Tgt Ion:225 Resp: 182653

Ion Ratio Lower Upper

225 100

223 63.9 50.5 75.7

227 64.8 50.3 75.5



#34

Caprolactam

Concen: 36.885 ng/ul

RT: 11.346 min Scan# 1404

Delta R.T. -0.006 min

Lab File: BP020007.D

Acq: 26 Mar 2024 22:00

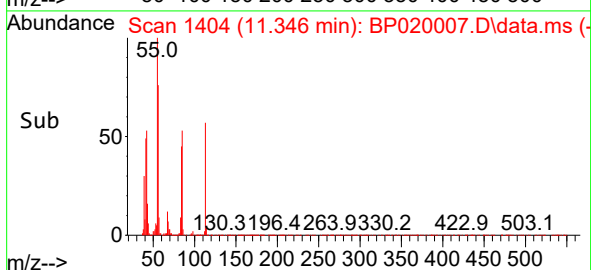
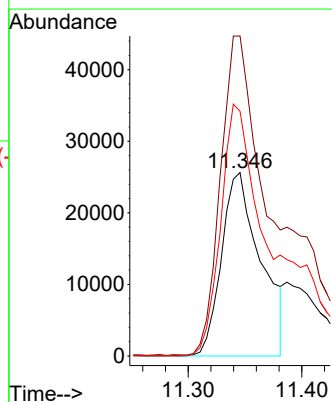
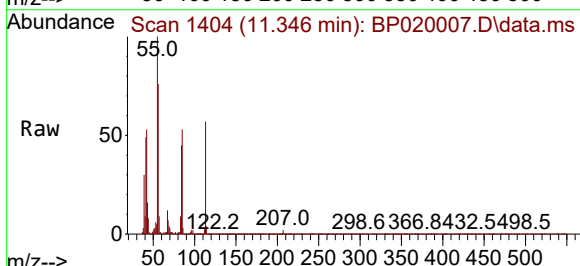
Tgt Ion:113 Resp: 61240

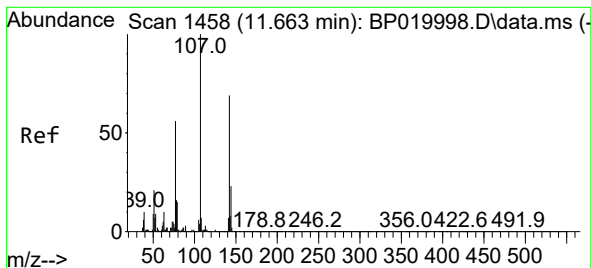
Ion Ratio Lower Upper

113 100

55 174.5 149.5 224.3

56 133.4 114.6 172.0

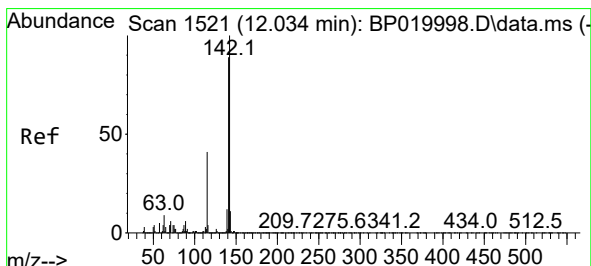
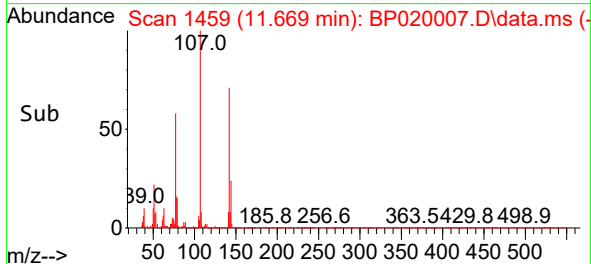
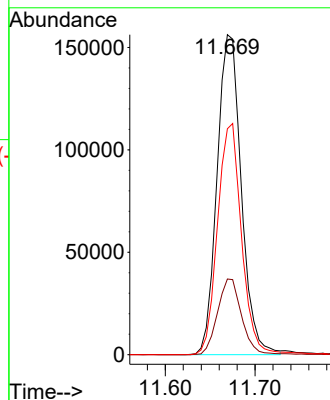
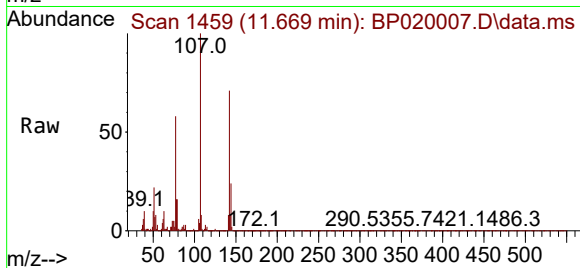




#35
4-Chloro-3-methylphenol
Concen: 49.432 ng/ul
RT: 11.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BP020007.D
Acq: 26 Mar 2024 22:00

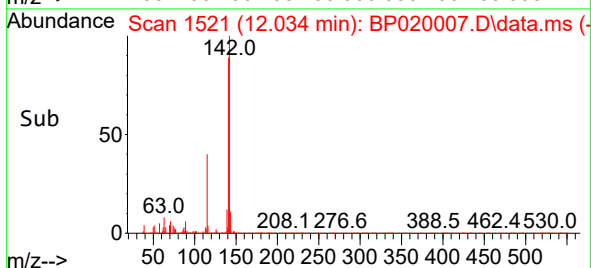
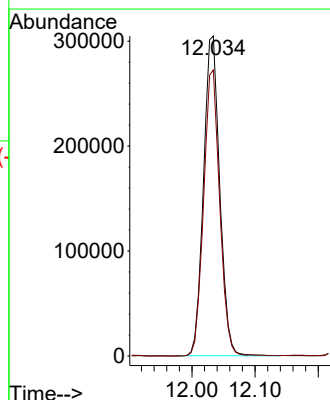
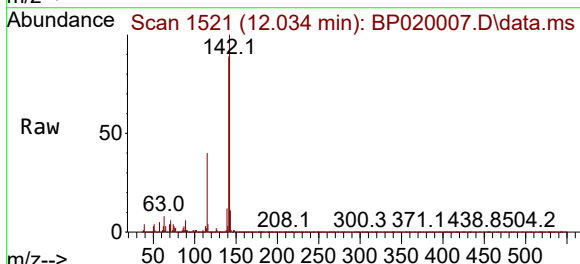
Instrument :
BNA_P
ClientSampleId :
SLCS785

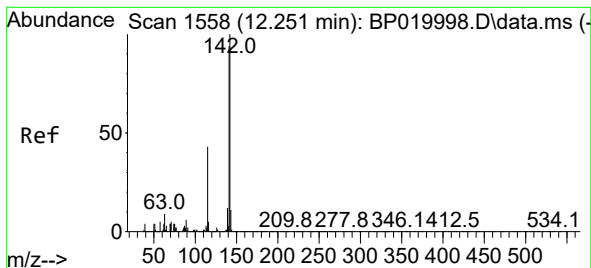
Tgt Ion:107 Resp: 293298
Ion Ratio Lower Upper
107 100
144 23.7 19.0 28.4
142 70.6 57.8 86.6



#36
2-Methylnaphthalene
Concen: 45.663 ng/ul
RT: 12.034 min Scan# 1521
Delta R.T. 0.006 min
Lab File: BP020007.D
Acq: 26 Mar 2024 22:00

Tgt Ion:142 Resp: 543742
Ion Ratio Lower Upper
142 100
141 89.4 71.8 107.8





#37

1-Methylnaphthalene

Concen: 44.802 ng/ul

RT: 12.251 min Scan# 1558

Delta R.T. -0.000 min

Lab File: BP020007.D

Acq: 26 Mar 2024 22:00

Instrument :

BNA_P

ClientSampleId :

SLCS785

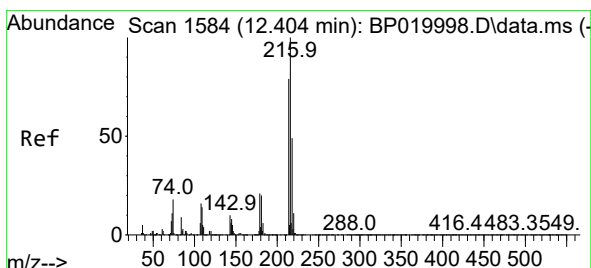
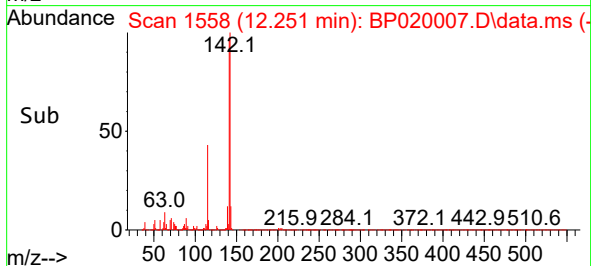
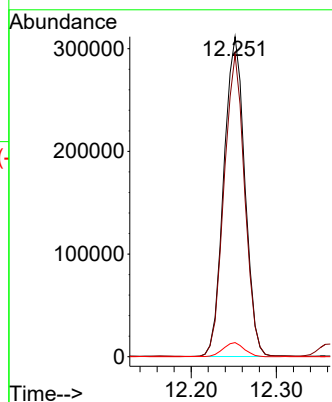
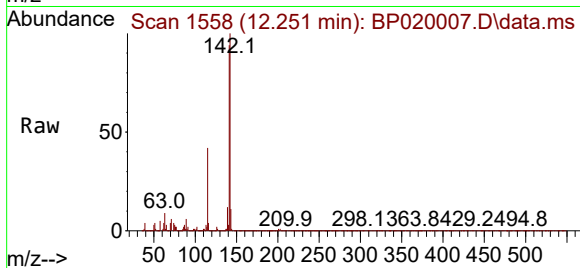
Tgt Ion:142 Resp: 533555

Ion Ratio Lower Upper

142 100

141 94.4 73.2 109.8

116 4.4 3.4 5.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.252 ng/ul

RT: 12.399 min Scan# 1583

Delta R.T. -0.000 min

Lab File: BP020007.D

Acq: 26 Mar 2024 22:00

Tgt Ion:216 Resp: 326797

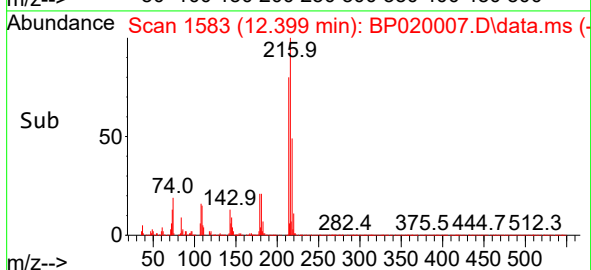
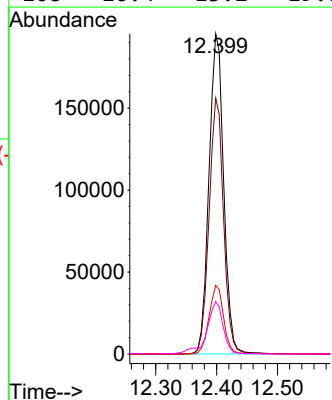
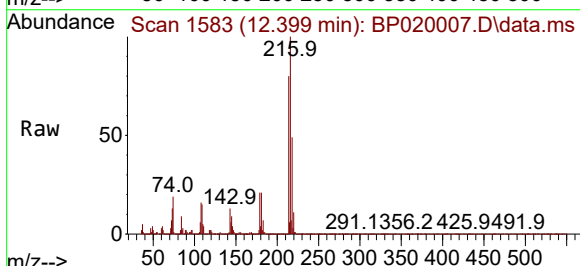
Ion Ratio Lower Upper

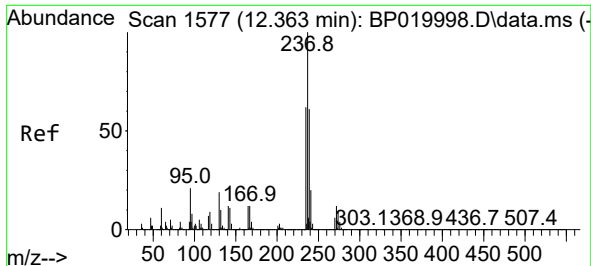
216 100

214 79.9 62.1 93.1

179 21.4 16.6 24.8

108 16.4 13.2 19.8

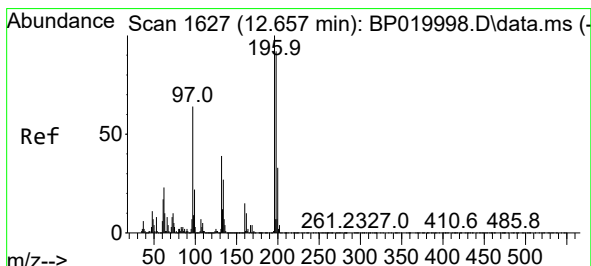
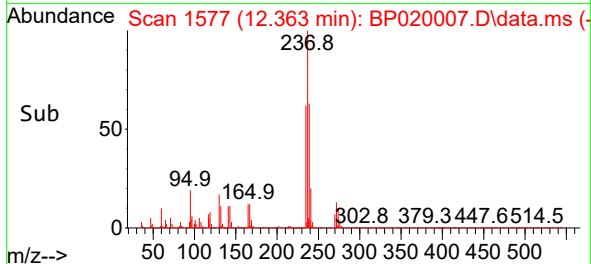
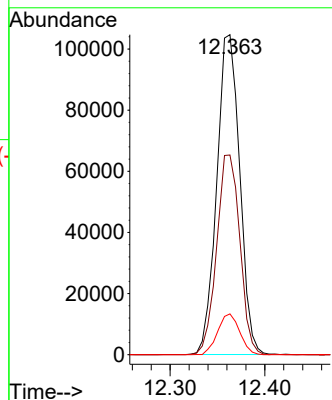
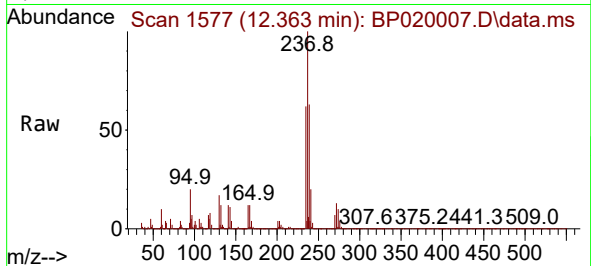




#40
Hexachlorocyclopentadiene
Concen: 40.408 ng/ul
RT: 12.363 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BP020007.D
Acq: 26 Mar 2024 22:00

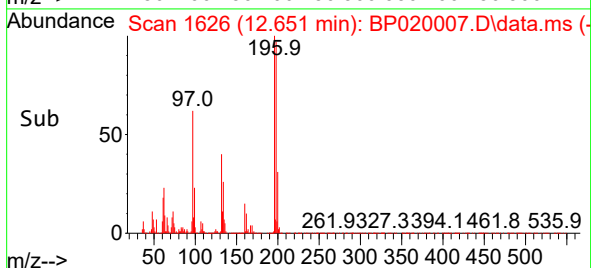
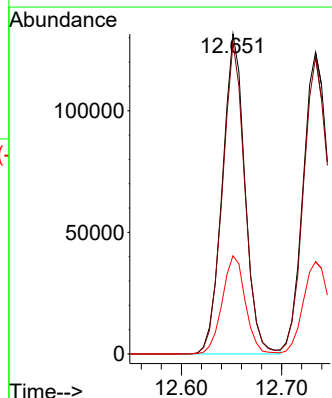
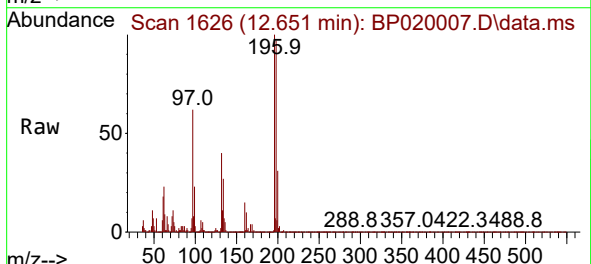
Instrument :
BNA_P
ClientSampleId :
SLCS785

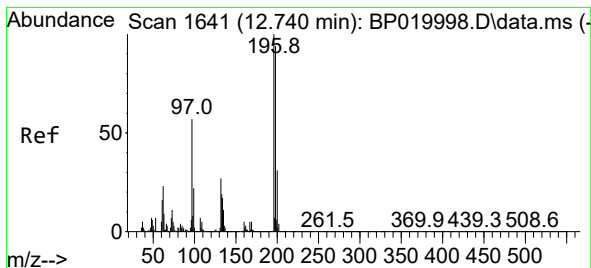
Tgt Ion:237 Resp: 176855
Ion Ratio Lower Upper
237 100
235 62.4 49.7 74.5
272 12.7 9.4 14.2



#41
2,4,6-Trichlorophenol
Concen: 43.208 ng/ul
RT: 12.651 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BP020007.D
Acq: 26 Mar 2024 22:00

Tgt Ion:196 Resp: 205307
Ion Ratio Lower Upper
196 100
198 97.3 75.8 113.8
200 30.7 25.0 37.4





#42

2,4,5-Trichlorophenol

Concen: 46.144 ng/ul

RT: 12.734 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP020007.D

Acq: 26 Mar 2024 22:00

Instrument :

BNA_P

ClientSampleId :

SLCS785

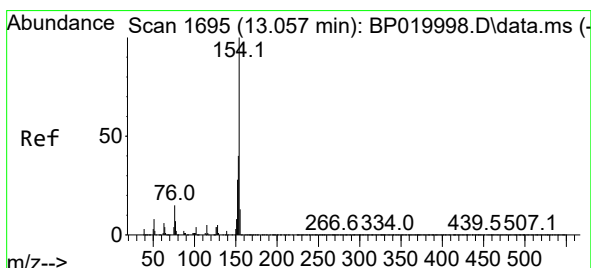
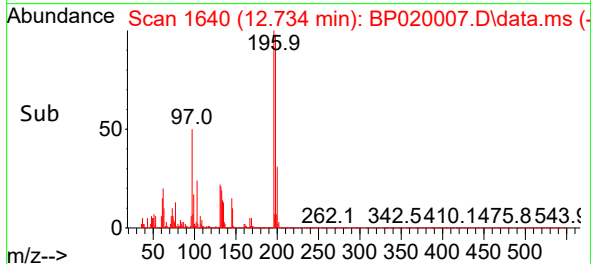
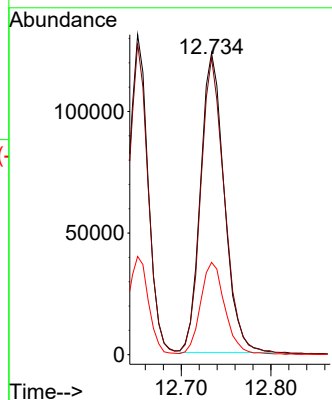
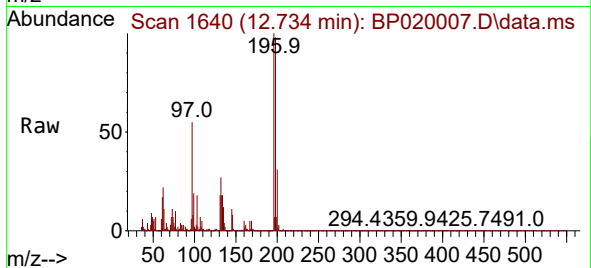
Tgt Ion:196 Resp: 226775

Ion Ratio Lower Upper

196 100

198 98.4 77.3 115.9

200 30.6 25.1 37.7



#43

1,1'-Biphenyl

Concen: 43.100 ng/ul

RT: 13.057 min Scan# 1695

Delta R.T. -0.000 min

Lab File: BP020007.D

Acq: 26 Mar 2024 22:00

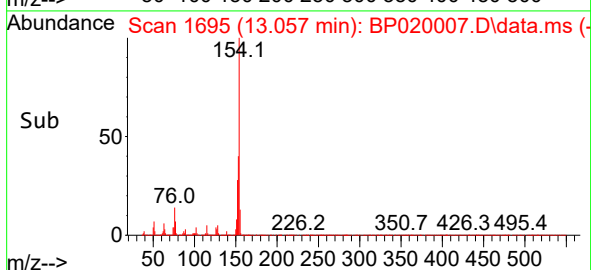
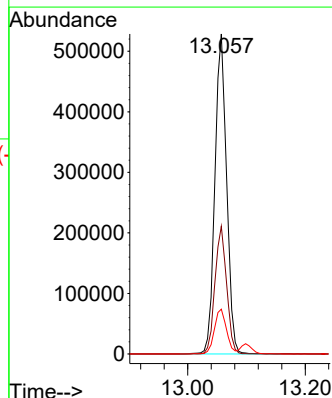
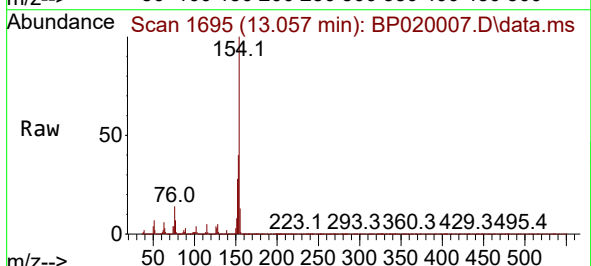
Tgt Ion:154 Resp: 730187

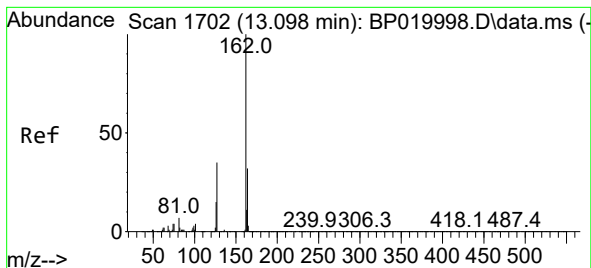
Ion Ratio Lower Upper

154 100

153 39.9 31.6 47.4

76 14.0 11.4 17.0





#44

2-Chloronaphthalene

Concen: 42.637 ng/ul

RT: 13.099 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP020007.D

Acq: 26 Mar 2024 22:00

Instrument :

BNA_P

ClientSampleId :

SLCS785

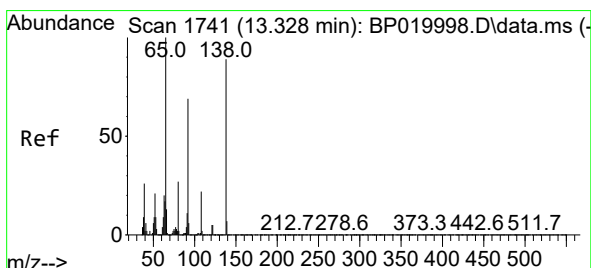
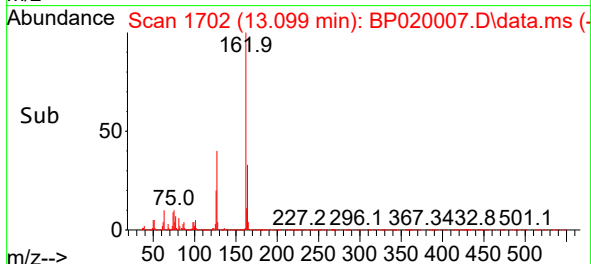
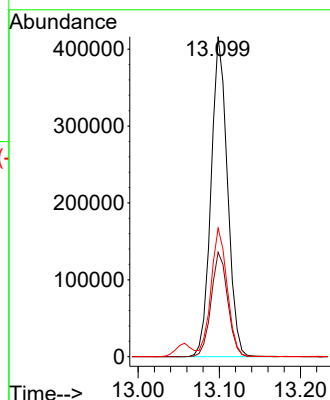
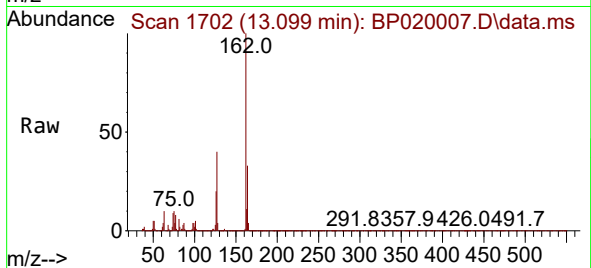
Tgt Ion:162 Resp: 582518

Ion Ratio Lower Upper

162 100

164 32.6 25.8 38.8

127 40.2 31.4 47.0



#45

2-Nitroaniline

Concen: 49.949 ng/ul

RT: 13.334 min Scan# 1742

Delta R.T. 0.006 min

Lab File: BP020007.D

Acq: 26 Mar 2024 22:00

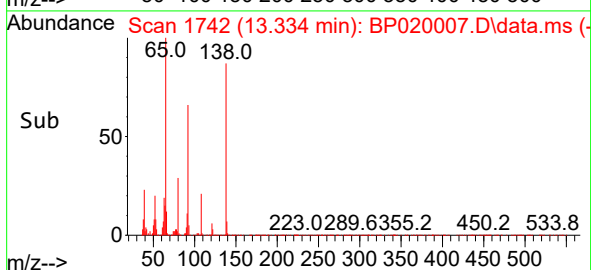
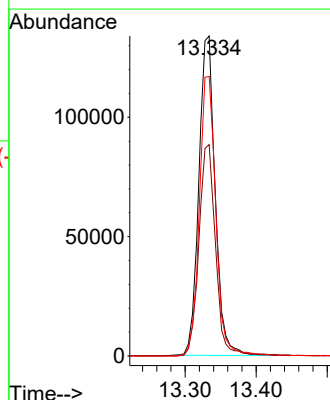
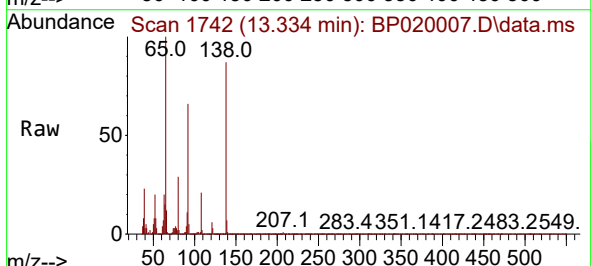
Tgt Ion: 65 Resp: 214955

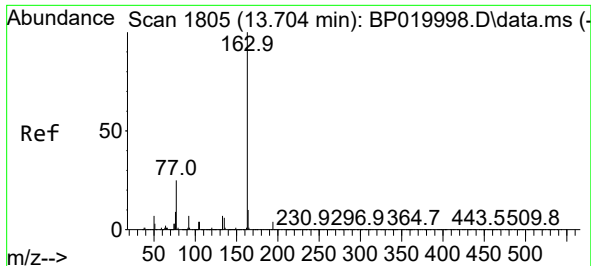
Ion Ratio Lower Upper

65 100

92 66.1 51.8 77.6

138 87.3 70.6 106.0

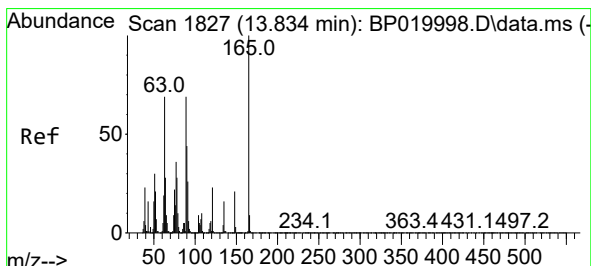
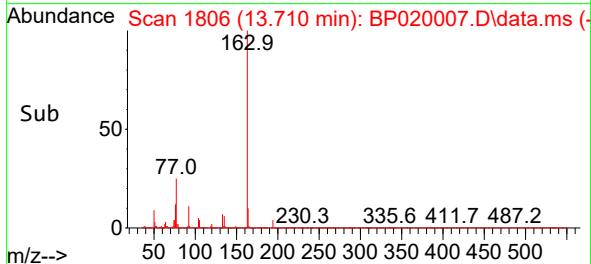
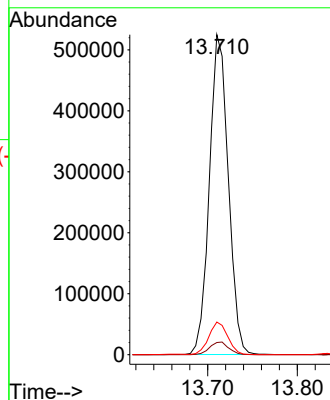
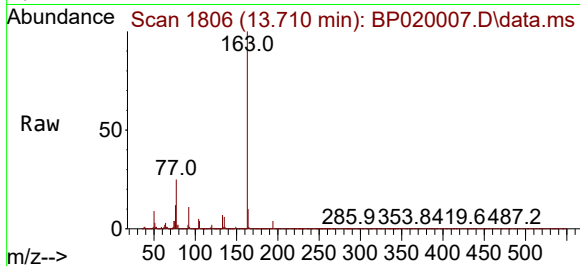




#47
Dimethylphthalate
Concen: 46.433 ng/ul
RT: 13.710 min Scan# 1806
Delta R.T. 0.018 min
Lab File: BP020007.D
Acq: 26 Mar 2024 22:00

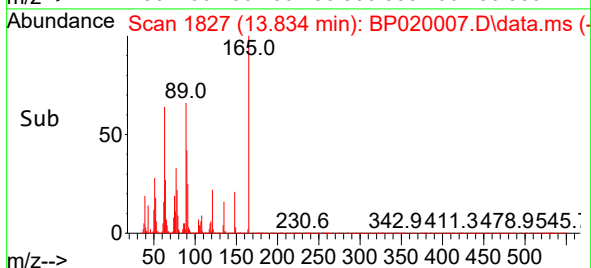
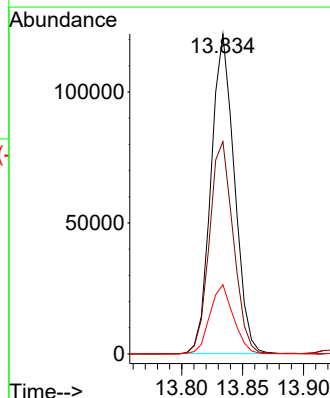
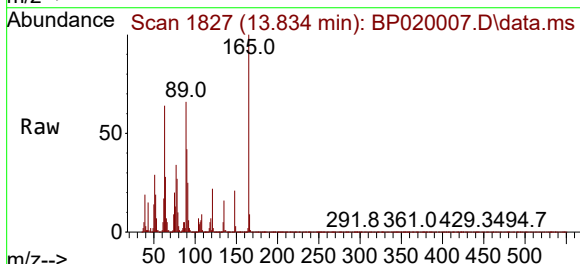
Instrument :
BNA_P
ClientSampleId :
SLCS785

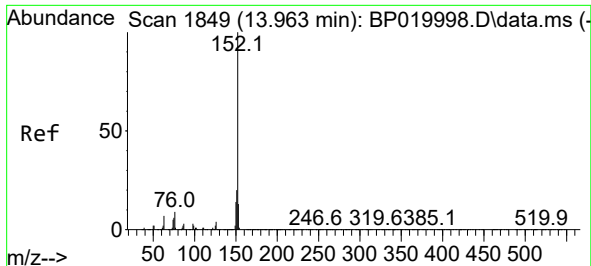
Tgt Ion:163 Resp: 768729
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.2 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 48.385 ng/ul
RT: 13.834 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BP020007.D
Acq: 26 Mar 2024 22:00

Tgt Ion:165 Resp: 162638
Ion Ratio Lower Upper
165 100
89 66.4 54.3 81.5
121 21.7 19.0 28.4

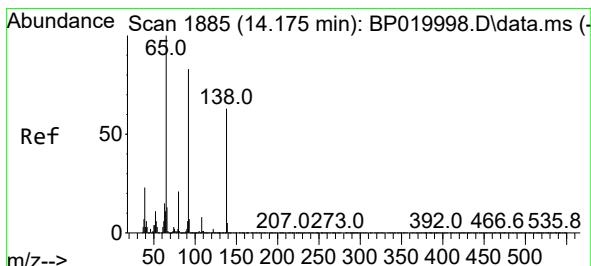
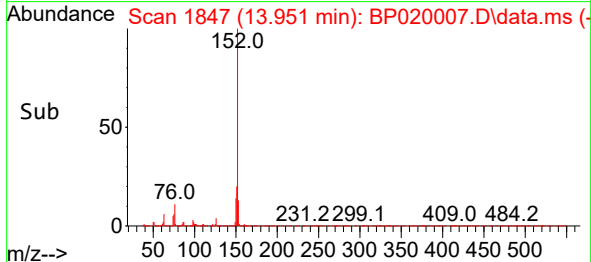
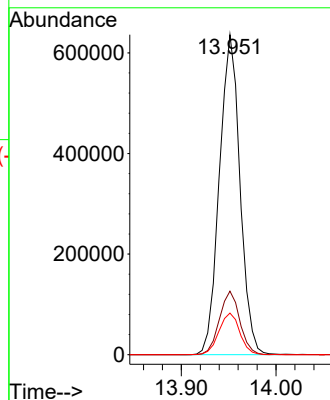
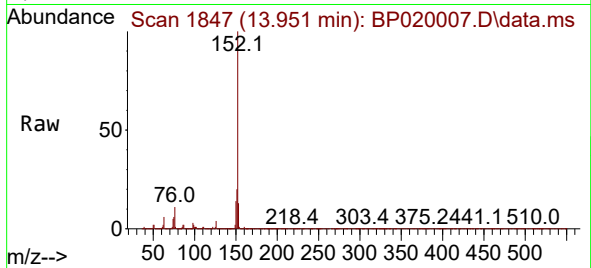




#50
Acenaphthylene
Concen: 44.905 ng/ul
RT: 13.951 min Scan# 1847
Delta R.T. -0.012 min
Lab File: BP020007.D
Acq: 26 Mar 2024 22:00

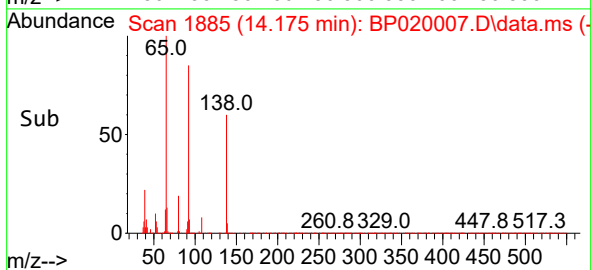
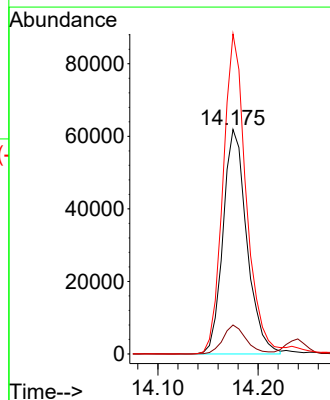
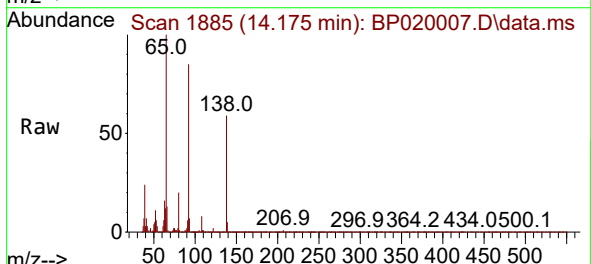
Instrument :
BNA_P
ClientSampleId :
SLCS785

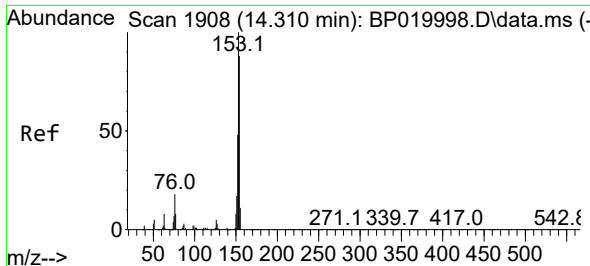
Tgt Ion:152 Resp: 962187
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 13.0 10.9 16.3



#51
3-Nitroaniline
Concen: 32.902 ng/ul
RT: 14.175 min Scan# 1885
Delta R.T. 0.012 min
Lab File: BP020007.D
Acq: 26 Mar 2024 22:00

Tgt Ion:138 Resp: 101852
Ion Ratio Lower Upper
138 100
108 12.9 10.5 15.7
92 142.5 103.4 155.0

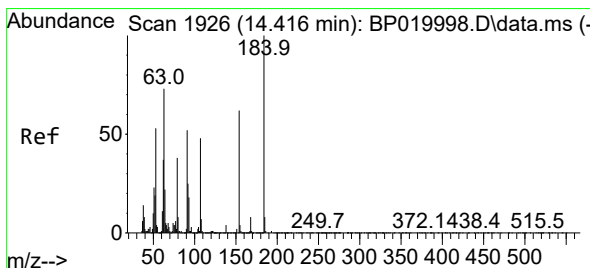
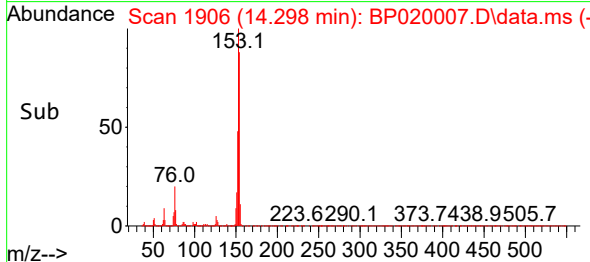
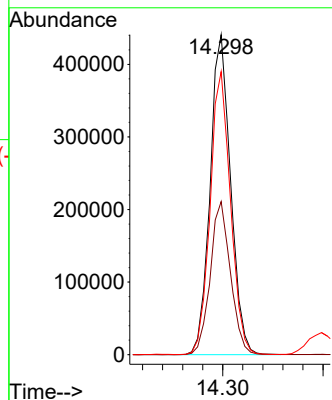
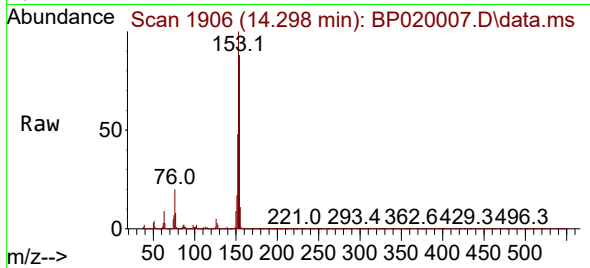




#52
Acenaphthene
Concen: 44.015 ng/ul
RT: 14.298 min Scan# 1906
Delta R.T. -0.018 min
Lab File: BP020007.D
Acq: 26 Mar 2024 22:00

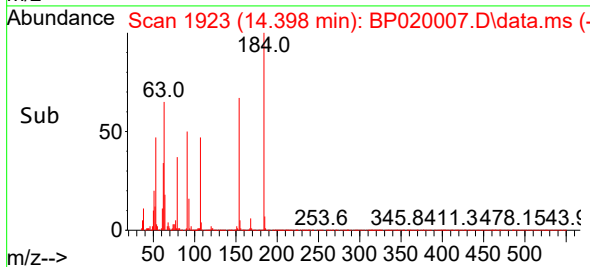
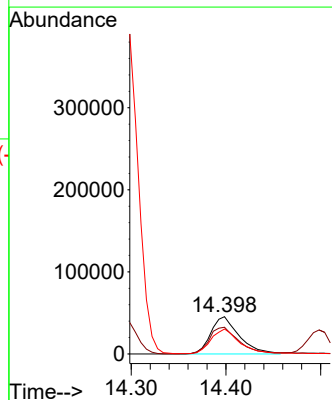
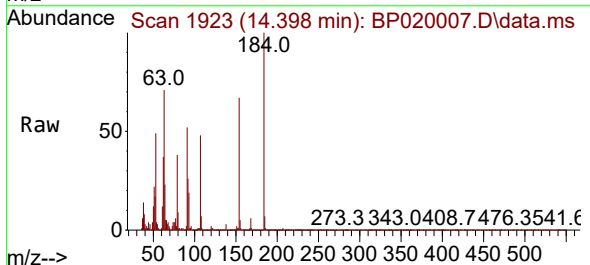
Instrument :
BNA_P
ClientSampleId :
SLCS785

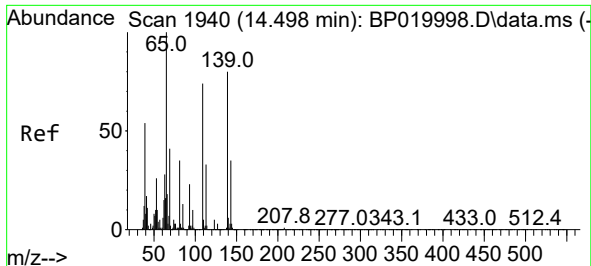
Tgt Ion:153 Resp: 626521
Ion Ratio Lower Upper
153 100
152 47.8 37.9 56.9
154 88.4 70.8 106.2



#53
2,4-Dinitrophenol
Concen: 49.548 ng/ul
RT: 14.398 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BP020007.D
Acq: 26 Mar 2024 22:00

Tgt Ion:184 Resp: 94784
Ion Ratio Lower Upper
184 100
63 71.5 60.8 91.2
154 66.8 55.6 83.4

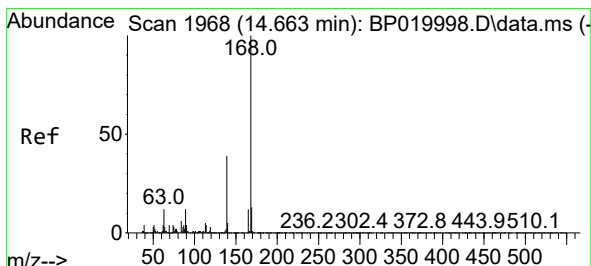
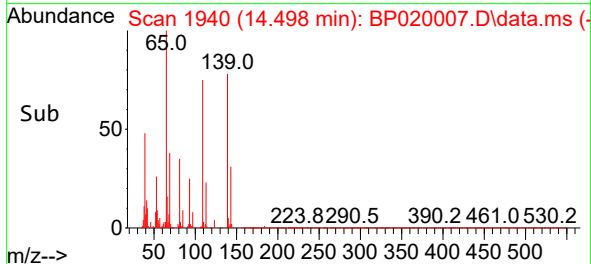
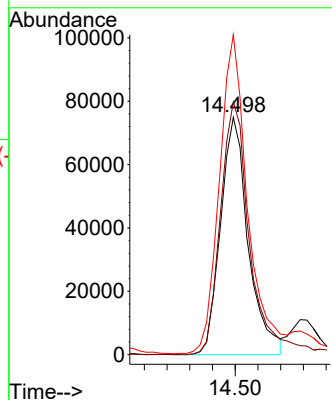
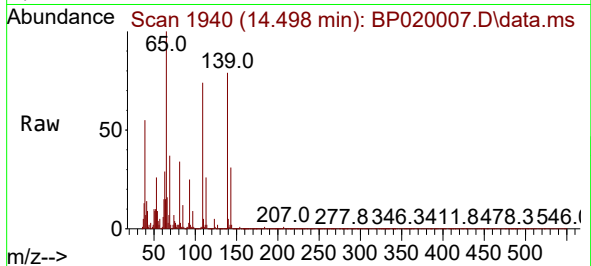




#55
4-Nitrophenol
Concen: 53.474 ng/ul
RT: 14.498 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BP020007.D
Acq: 26 Mar 2024 22:00

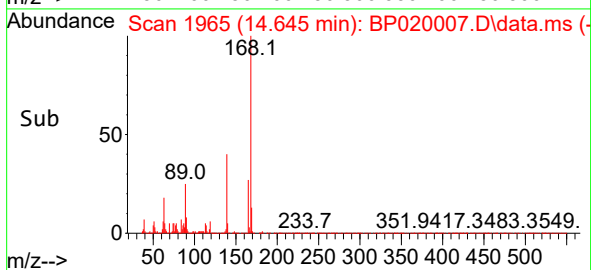
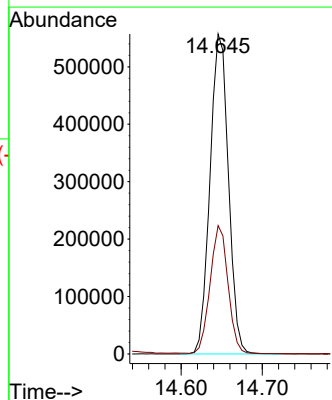
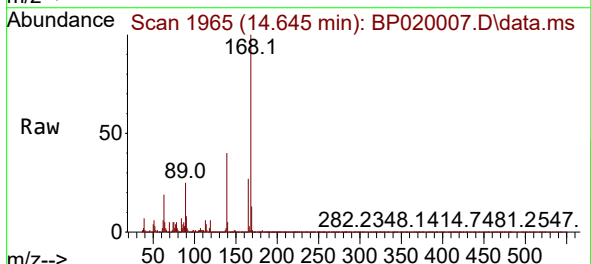
Instrument :
BNA_P
ClientSampleId :
SLCS785

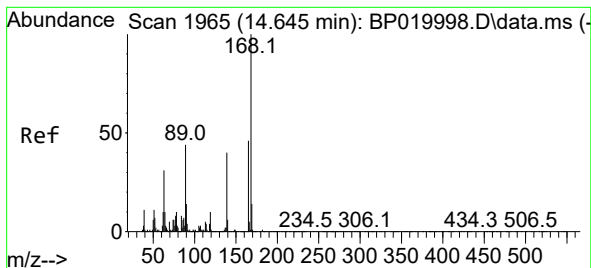
Tgt Ion:109 Resp: 126536
Ion Ratio Lower Upper
109 100
139 106.5 93.3 139.9
65 134.9 109.9 164.9



#56
Dibenzofuran
Concen: 45.396 ng/ul
RT: 14.645 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BP020007.D
Acq: 26 Mar 2024 22:00

Tgt Ion:168 Resp: 877567
Ion Ratio Lower Upper
168 100
139 40.1 29.8 44.8

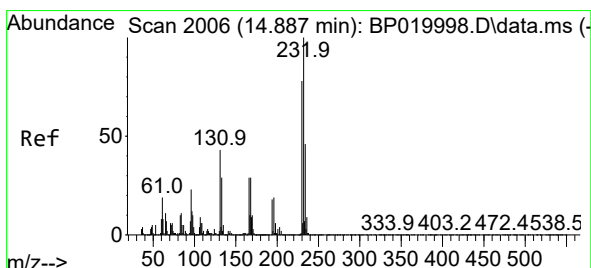
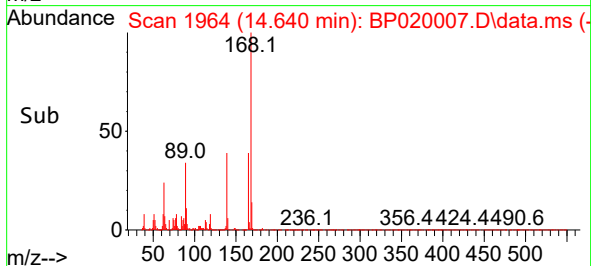
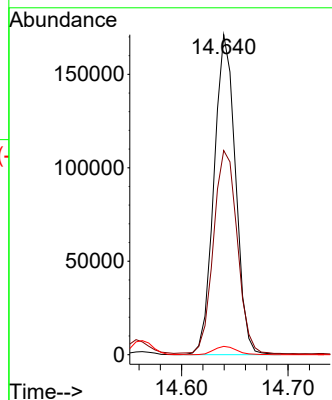
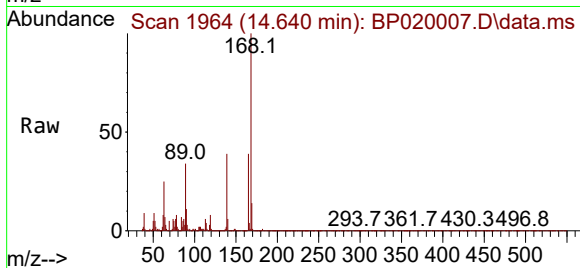




#57
2,4-Dinitrotoluene
Concen: 52.261 ng/ul
RT: 14.640 min Scan# 1965
Delta R.T. -0.018 min
Lab File: BP020007.D
Acq: 26 Mar 2024 22:00

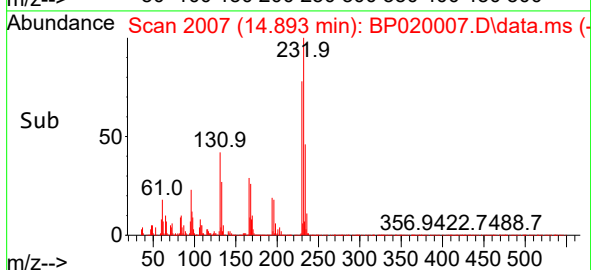
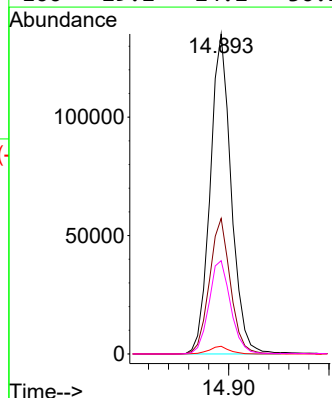
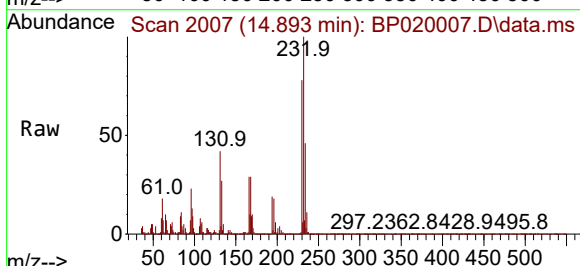
Instrument :
BNA_P
ClientSampleId :
SLCS785

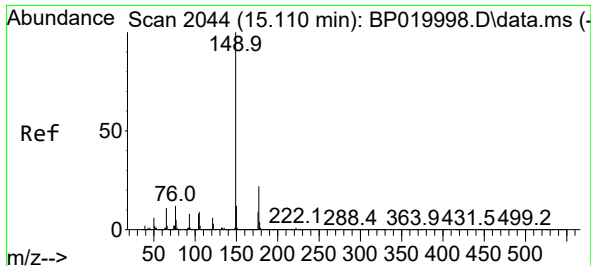
Tgt Ion:165 Resp: 240174
Ion Ratio Lower Upper
165 100
63 63.8 55.9 83.9
182 2.6 2.4 3.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 46.717 ng/ul
RT: 14.893 min Scan# 2007
Delta R.T. 0.012 min
Lab File: BP020007.D
Acq: 26 Mar 2024 22:00

Tgt Ion:232 Resp: 196890
Ion Ratio Lower Upper
232 100
131 42.4 34.2 51.2
130 2.4 1.8 2.6
166 29.2 24.2 36.2

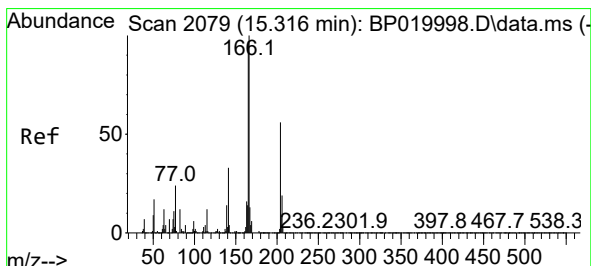
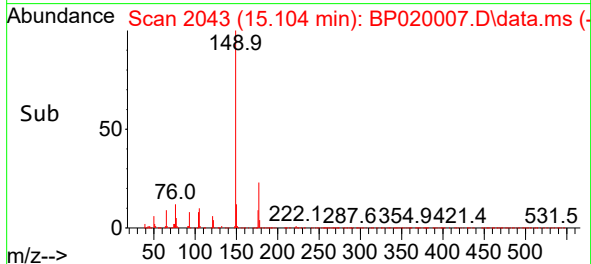
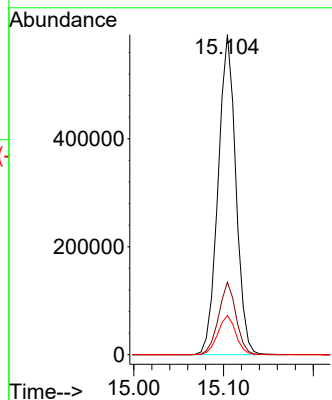
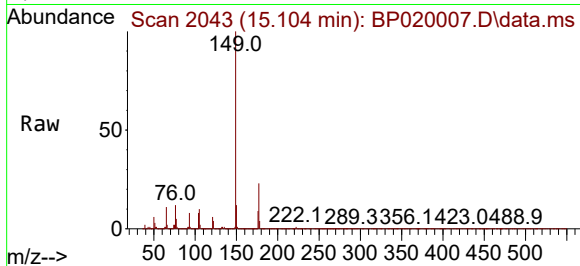




#59
Diethylphthalate
Concen: 49.629 ng/ul
RT: 15.104 min Scan# 2043
Delta R.T. 0.006 min
Lab File: BP020007.D
Acq: 26 Mar 2024 22:00

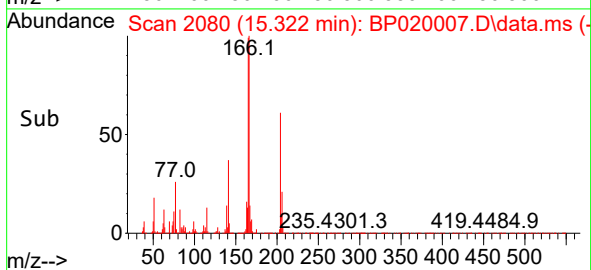
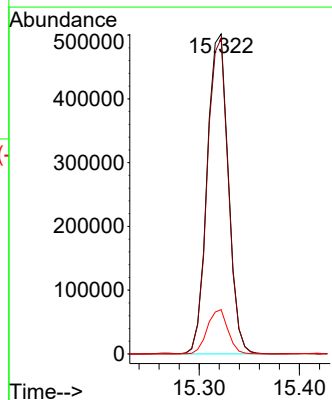
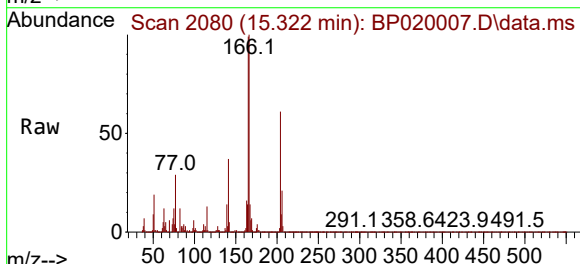
Instrument :
BNA_P
ClientSampleId :
SLCS785

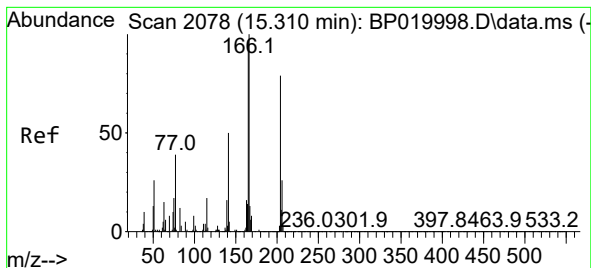
Tgt Ion:149 Resp: 814788
Ion Ratio Lower Upper
149 100
177 22.6 17.0 25.6
150 12.3 9.7 14.5



#61
Fluorene
Concen: 46.680 ng/ul
RT: 15.322 min Scan# 2080
Delta R.T. 0.006 min
Lab File: BP020007.D
Acq: 26 Mar 2024 22:00

Tgt Ion:166 Resp: 735993
Ion Ratio Lower Upper
166 100
165 98.6 79.2 118.8
167 13.9 11.1 16.7

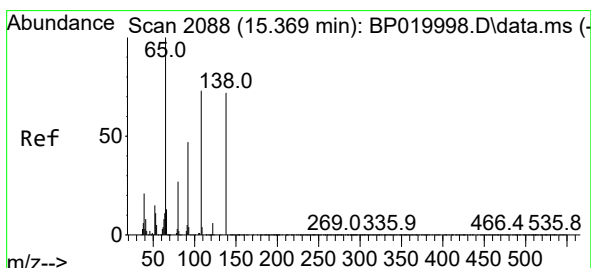
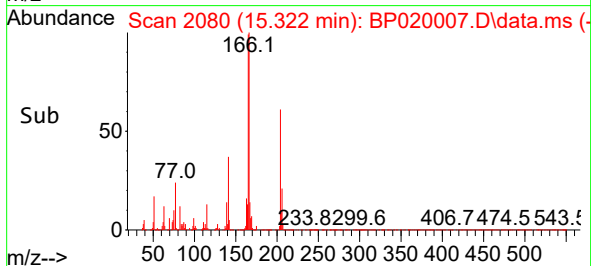
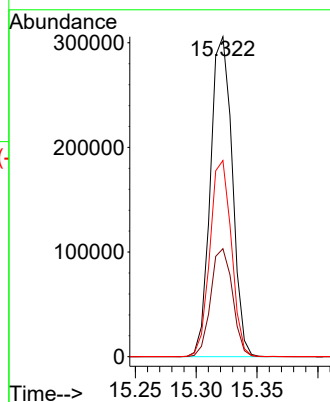
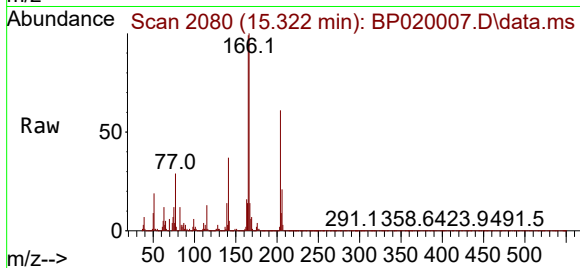




#62
4-Chlorophenyl-phenylether
Concen: 45.291 ng/ul
RT: 15.322 min Scan# 2080
Delta R.T. 0.012 min
Lab File: BP020007.D
Acq: 26 Mar 2024 22:00

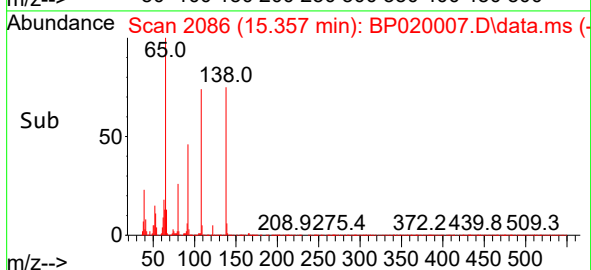
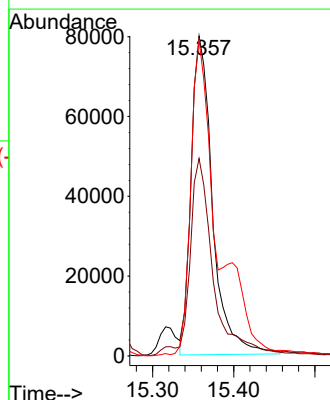
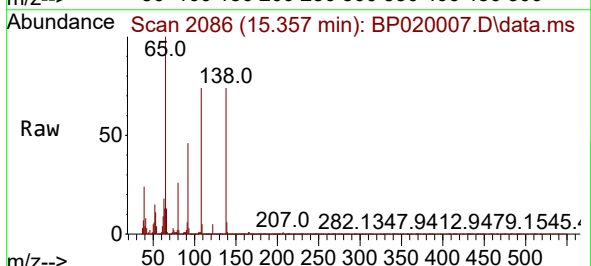
Instrument :
BNA_P
ClientSampleId :
SLCS785

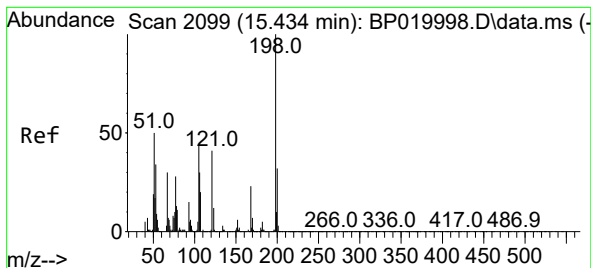
Tgt Ion: 204 Resp: 382490
Ion Ratio Lower Upper
204 100
206 33.8 26.2 39.2
141 61.3 47.8 71.6



#63
4-Nitroaniline
Concen: 55.419 ng/ul
RT: 15.357 min Scan# 2086
Delta R.T. -0.018 min
Lab File: BP020007.D
Acq: 26 Mar 2024 22:00

Tgt Ion: 138 Resp: 146518
Ion Ratio Lower Upper
138 100
92 61.7 51.0 76.6
108 98.7 74.7 112.1

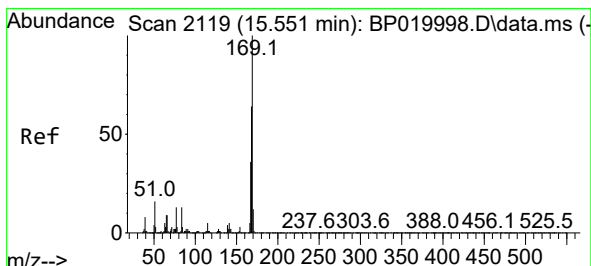
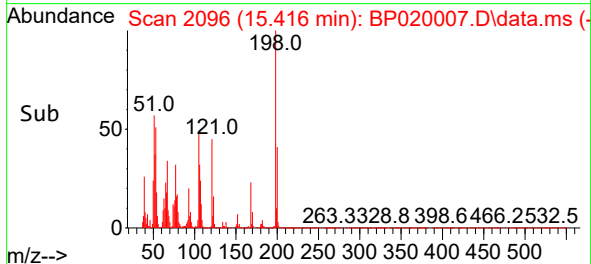
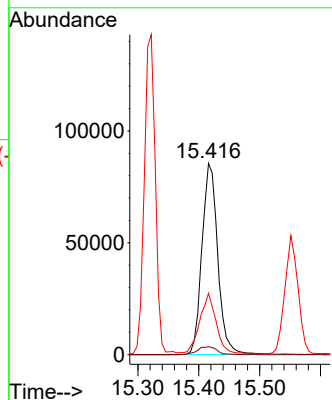
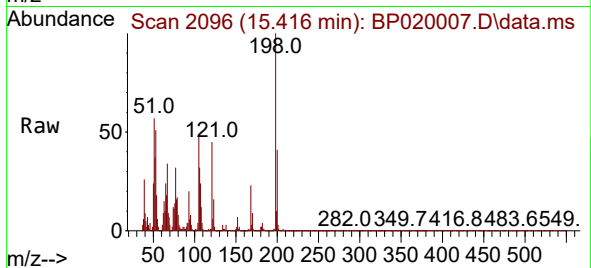




#66
4,6-Dinitro-2-methylphenol
Concen: 46.858 ng/ul
RT: 15.416 min Scan# 2096
Delta R.T. -0.018 min
Lab File: BP020007.D
Acq: 26 Mar 2024 22:00

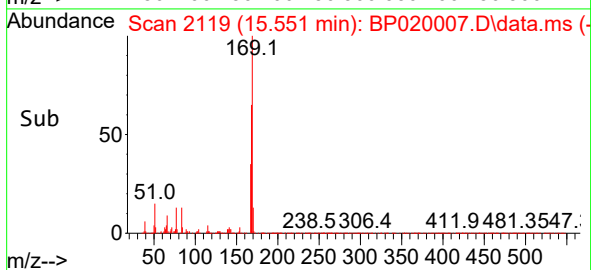
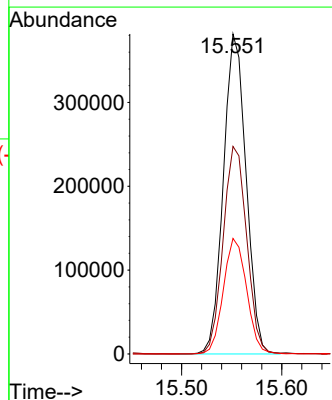
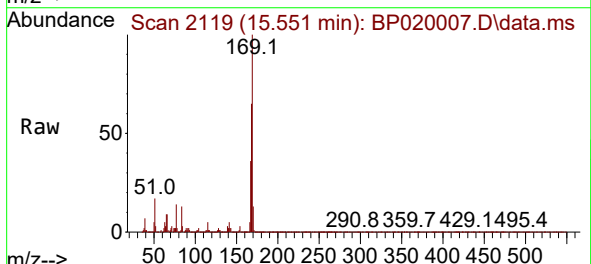
Instrument :
BNA_P
ClientSampleId :
SLCS785

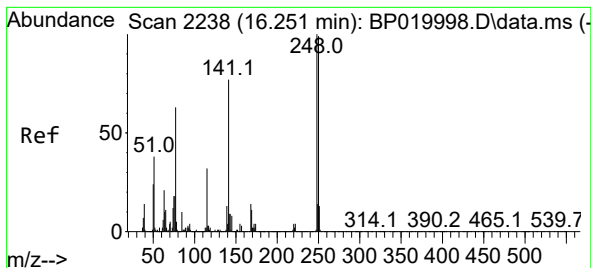
Tgt Ion:198 Resp: 154294
Ion Ratio Lower Upper
198 100
182 4.1 3.6 5.4
77 32.1 22.1 33.1



#67
N-Nitrosodiphenylamine
Concen: 41.949 ng/ul
RT: 15.551 min Scan# 2119
Delta R.T. 0.012 min
Lab File: BP020007.D
Acq: 26 Mar 2024 22:00

Tgt Ion:169 Resp: 600597
Ion Ratio Lower Upper
169 100
168 64.9 52.5 78.7
167 36.1 28.0 42.0

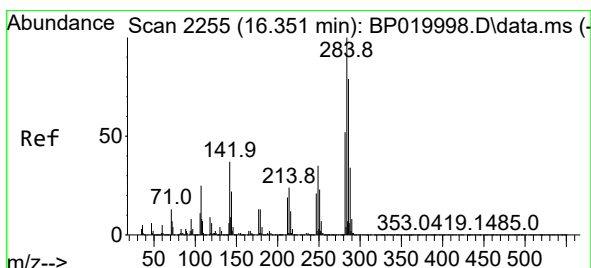
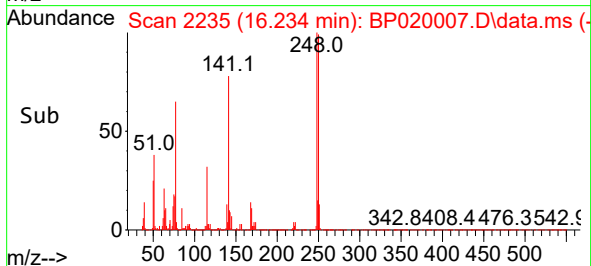
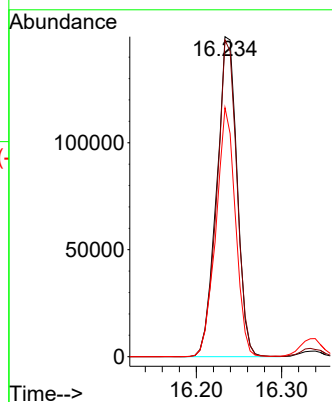
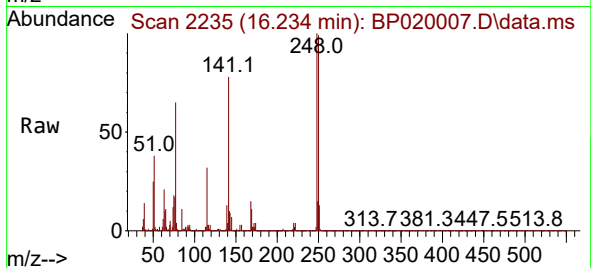




#68
4-Bromophenyl-phenylether
Concen: 44.245 ng/ul
RT: 16.234 min Scan# 211
Delta R.T. -0.012 min
Lab File: BP020007.D
Acq: 26 Mar 2024 22:00

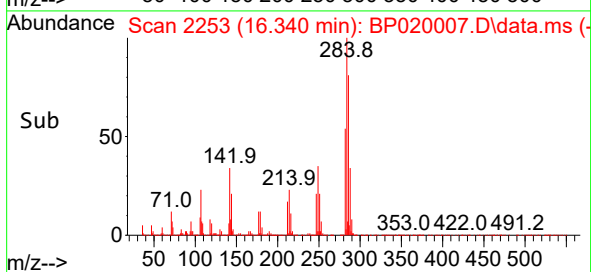
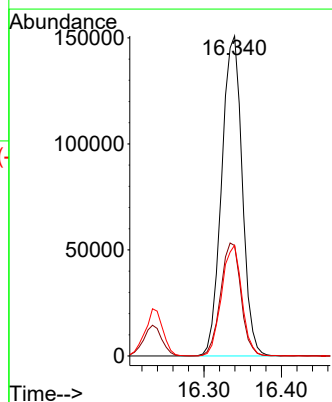
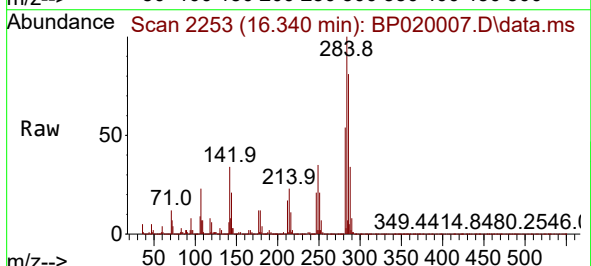
Instrument :
BNA_P
ClientSampleId :
SLCS785

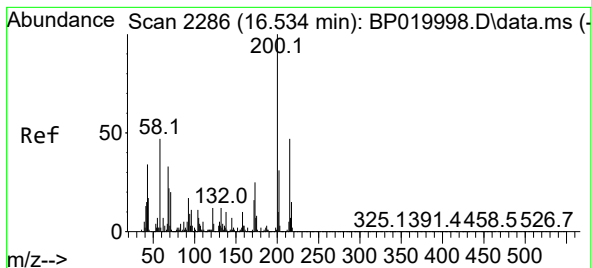
Tgt Ion:248 Resp: 248897
Ion Ratio Lower Upper
248 100
250 99.0 76.3 114.5
141 77.8 56.8 85.2



#69
Hexachlorobenzene
Concen: 44.426 ng/ul
RT: 16.340 min Scan# 2253
Delta R.T. -0.006 min
Lab File: BP020007.D
Acq: 26 Mar 2024 22:00

Tgt Ion:284 Resp: 277505
Ion Ratio Lower Upper
284 100
142 34.5 28.2 42.2
249 34.6 27.5 41.3





#70

Atrazine

Concen: 6.728 ng/ul

RT: 16.534 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP020007.D

Acq: 26 Mar 2024 22:00

Instrument :

BNA_P

ClientSampleId :

SLCS785

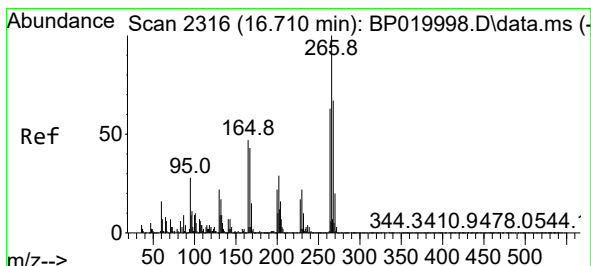
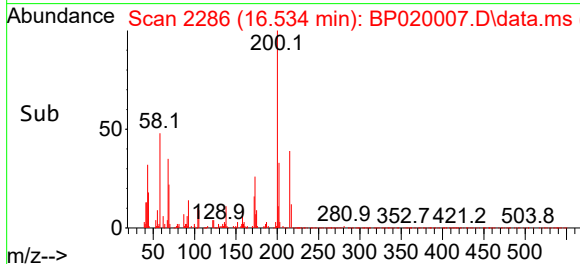
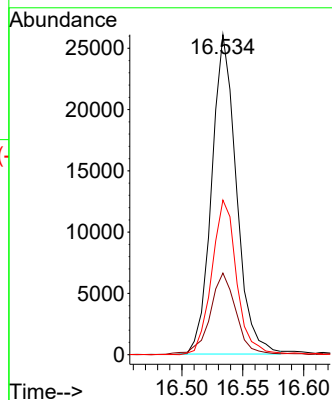
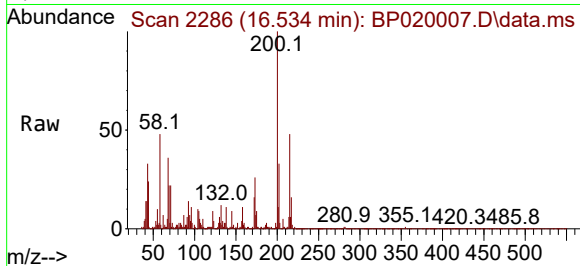
Tgt Ion:200 Resp: 36905

Ion Ratio Lower Upper

200 100

173 25.5 19.0 28.6

215 48.3 37.4 56.0



#71

Pentachlorophenol

Concen: 43.680 ng/ul

RT: 16.710 min Scan# 2316

Delta R.T. -0.006 min

Lab File: BP020007.D

Acq: 26 Mar 2024 22:00

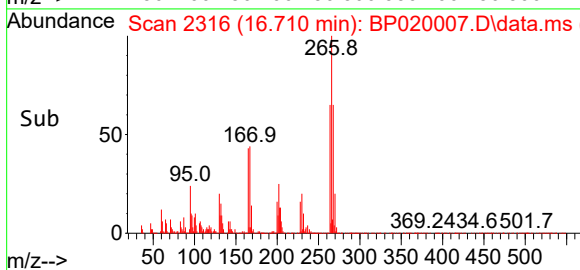
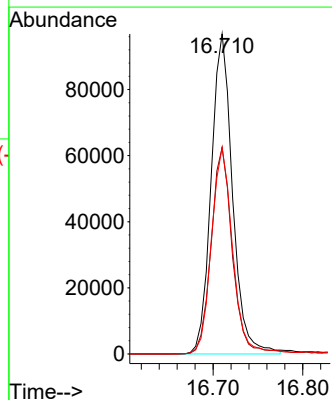
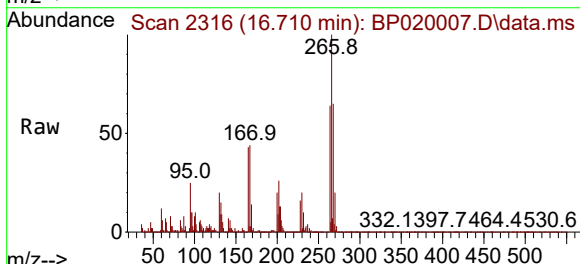
Tgt Ion:266 Resp: 159944

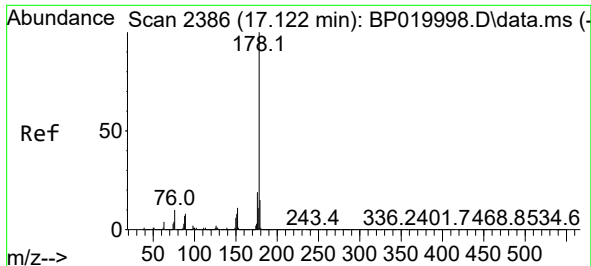
Ion Ratio Lower Upper

266 100

264 64.5 49.9 74.9

268 64.5 52.5 78.7

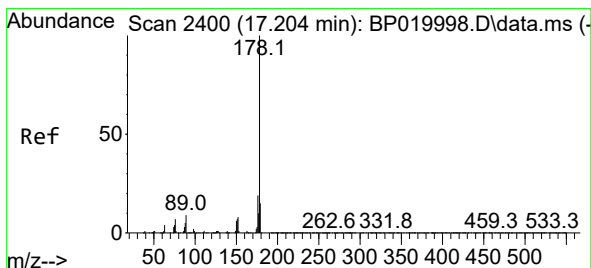
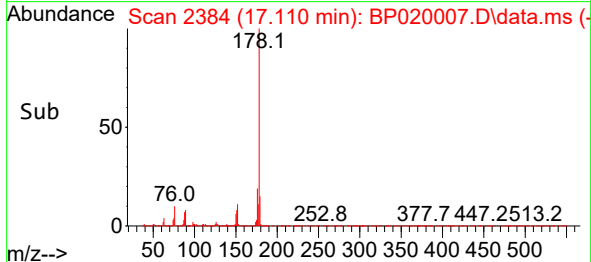
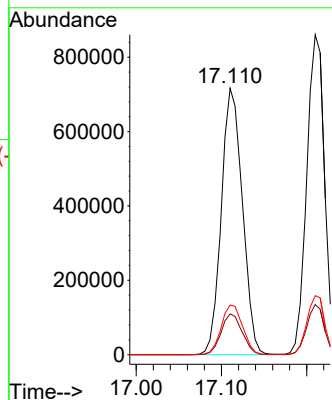
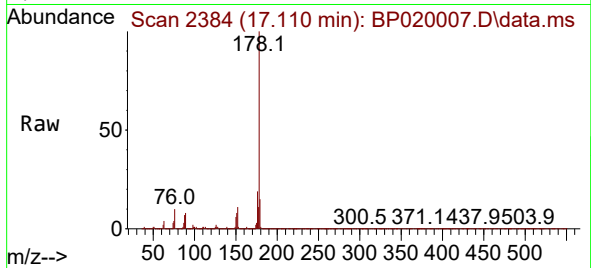




#72
Phenanthrene
Concen: 45.985 ng/ul
RT: 17.110 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP020007.D
Acq: 26 Mar 2024 22:00

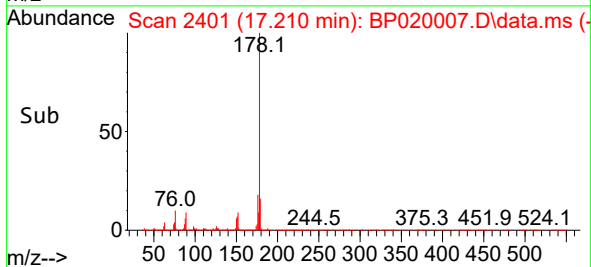
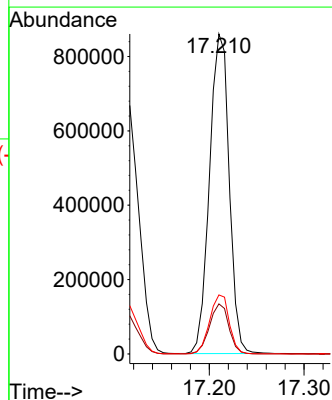
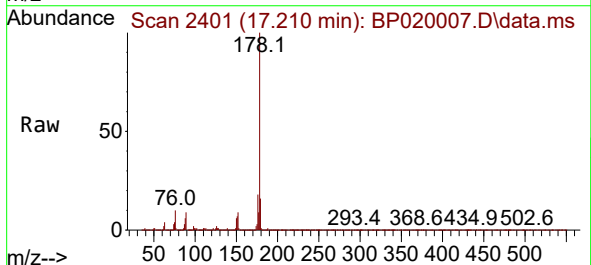
Instrument :
BNA_P
ClientSampleId :
SLCS785

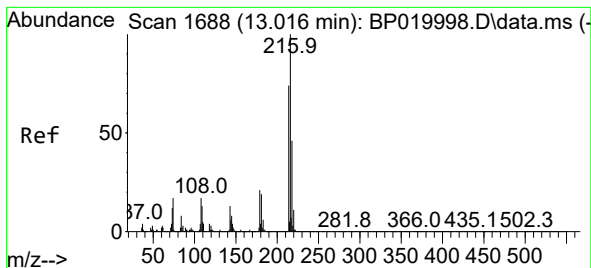
Tgt Ion:178 Resp: 1232354
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.2
176 18.6 15.3 22.9



#74
Anthracene
Concen: 45.750 ng/ul
RT: 17.210 min Scan# 2401
Delta R.T. 0.006 min
Lab File: BP020007.D
Acq: 26 Mar 2024 22:00

Tgt Ion:178 Resp: 1244901
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.2
176 18.5 14.8 22.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 39.183 ng/uL

RT: 13.016 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP020007.D

Acq: 26 Mar 2024 22:00

Instrument :

BNA_P

ClientSampleId :

SLCS785

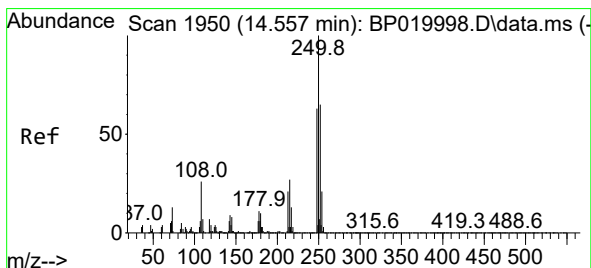
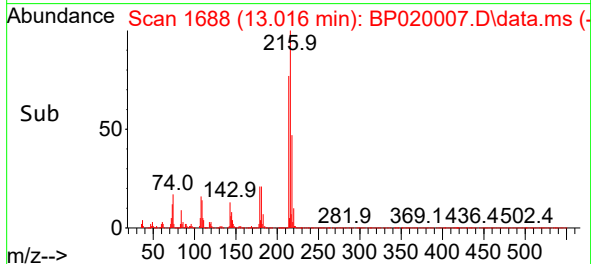
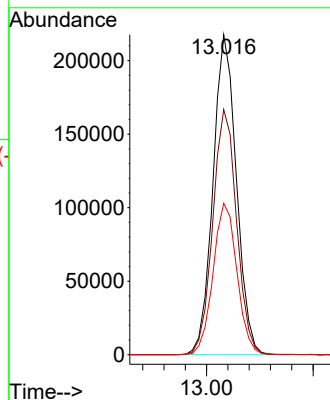
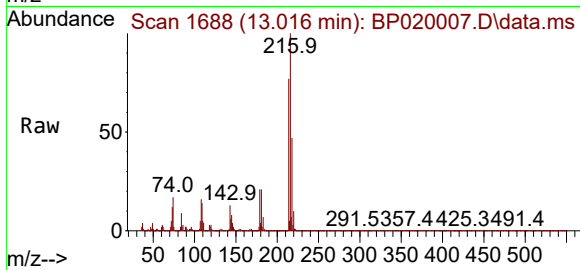
Tgt Ion:216 Resp: 331135

Ion Ratio Lower Upper

216 100

214 76.6 62.2 93.4

218 47.3 39.9 59.9



#76

Pentachlorobenzene

Concen: 40.866 ng/uL

RT: 14.563 min Scan# 1951

Delta R.T. -0.000 min

Lab File: BP020007.D

Acq: 26 Mar 2024 22:00

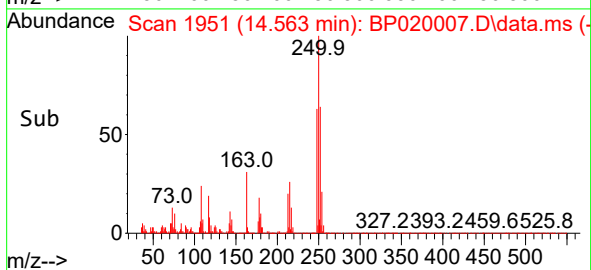
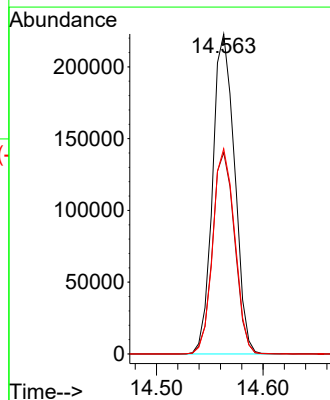
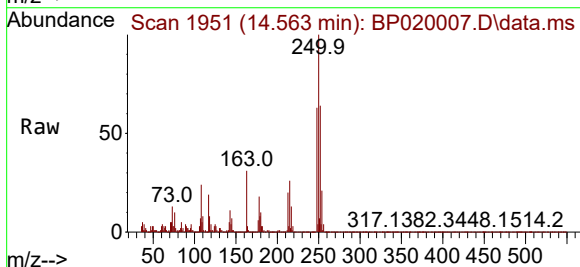
Tgt Ion:250 Resp: 319831

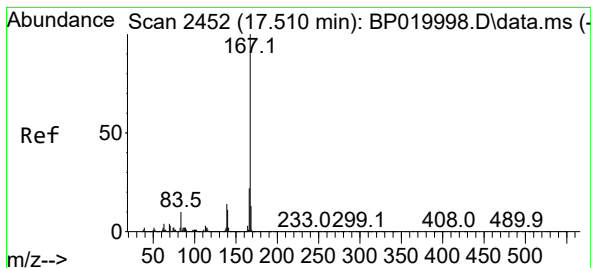
Ion Ratio Lower Upper

250 100

248 62.9 51.3 76.9

252 64.2 51.1 76.7





#77

Carbazole

Concen: 45.958 ng/ul

RT: 17.498 min Scan# 2450

Delta R.T. -0.006 min

Lab File: BP020007.D

Acq: 26 Mar 2024 22:00

Instrument :

BNA_P

ClientSampleId :

SLCS785

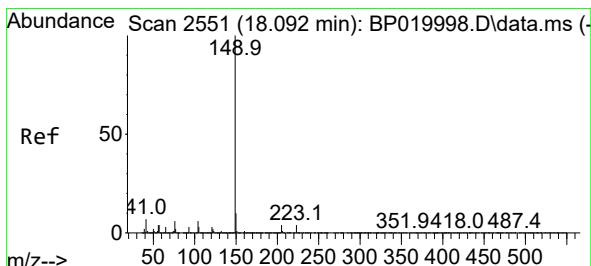
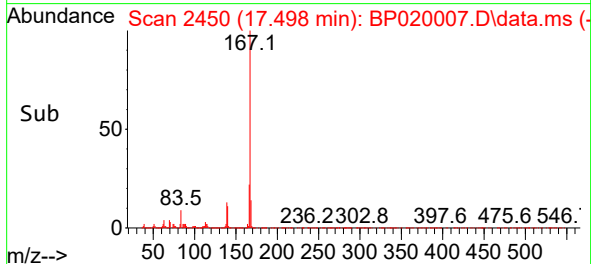
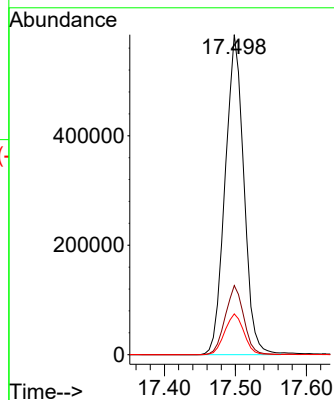
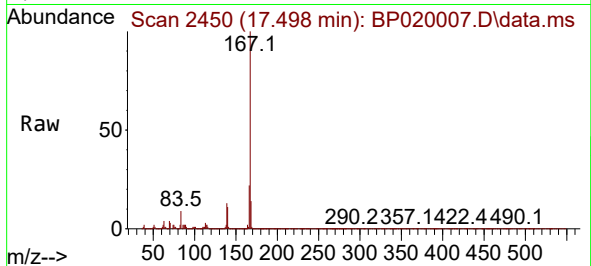
Tgt Ion:167 Resp: 1069354

Ion Ratio Lower Upper

167 100

166 21.6 16.8 25.2

139 12.8 10.2 15.4



#78

Di-n-butylphthalate

Concen: 49.167 ng/ul

RT: 18.086 min Scan# 2550

Delta R.T. -0.006 min

Lab File: BP020007.D

Acq: 26 Mar 2024 22:00

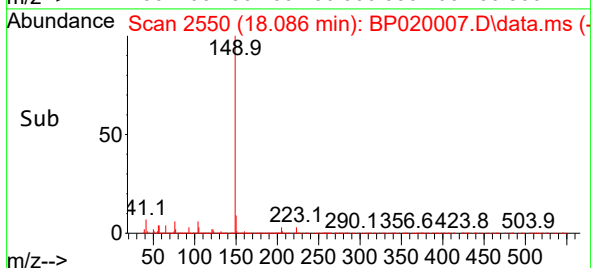
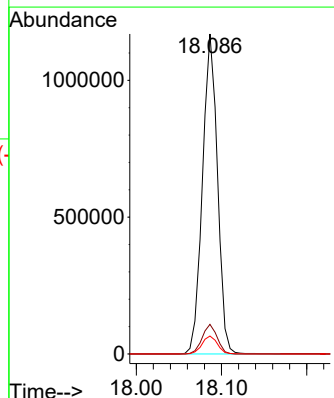
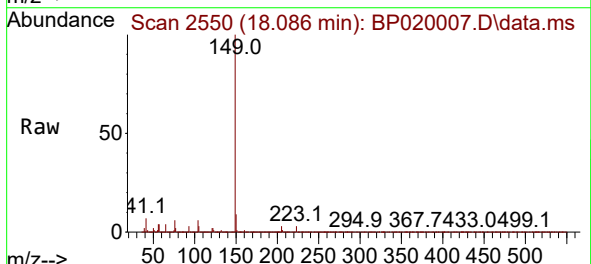
Tgt Ion:149 Resp: 1428443

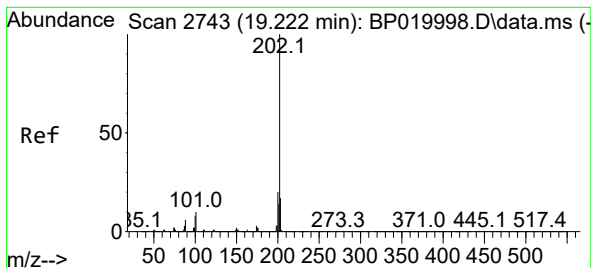
Ion Ratio Lower Upper

149 100

150 9.3 7.0 10.6

104 5.6 4.2 6.4





#80

Fluoranthene

Concen: 41.017 ng/ul

RT: 19.216 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP020007.D

Acq: 26 Mar 2024 22:00

Instrument :

BNA_P

ClientSampleId :

SLCS785

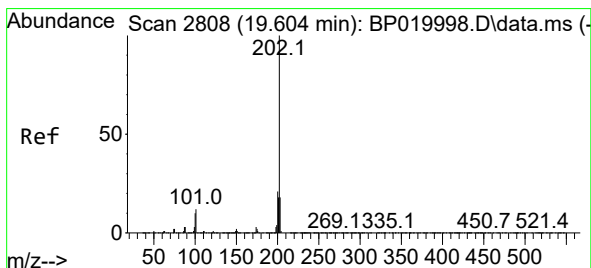
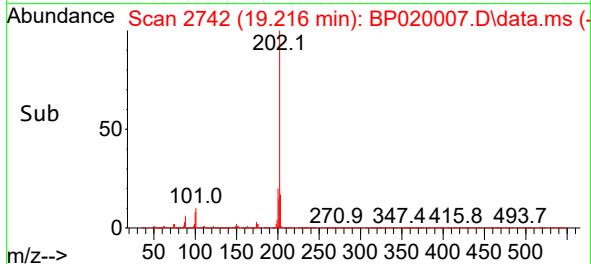
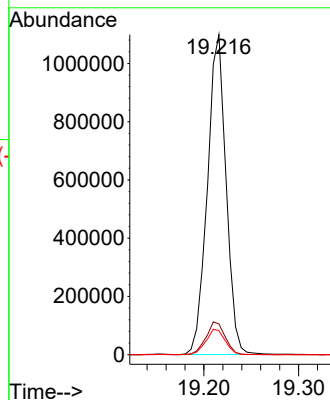
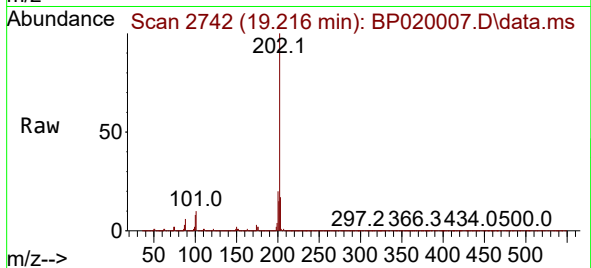
Tgt Ion:202 Resp: 1502731

Ion Ratio Lower Upper

202 100

101 9.6 8.8 13.2

100 7.5 6.6 9.8



#82

Pyrene

Concen: 41.945 ng/ul

RT: 19.592 min Scan# 2806

Delta R.T. -0.006 min

Lab File: BP020007.D

Acq: 26 Mar 2024 22:00

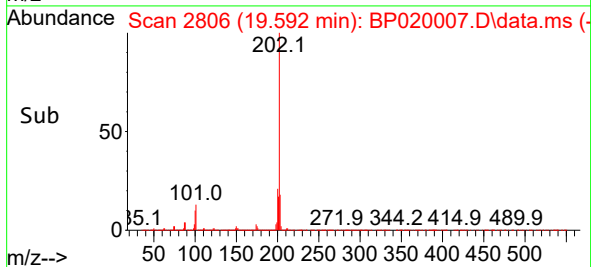
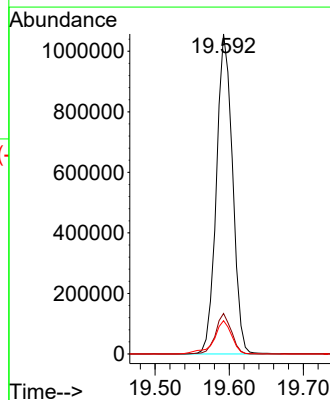
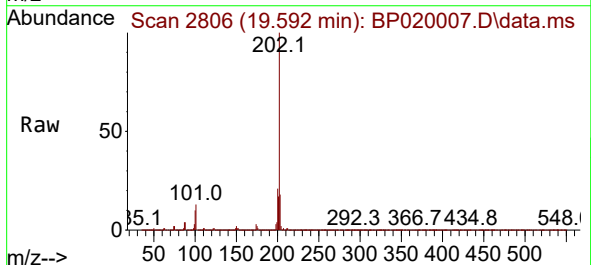
Tgt Ion:202 Resp: 1597146

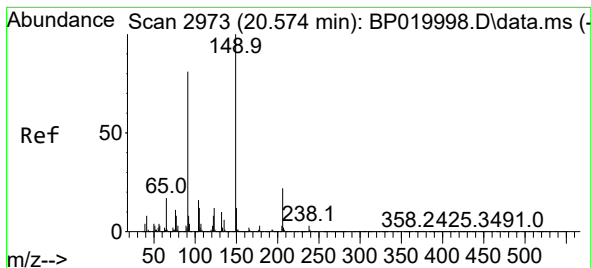
Ion Ratio Lower Upper

202 100

101 12.7 9.4 14.2

100 10.4 7.7 11.5





#83

Butylbenzylphthalate

Concen: 45.279 ng/ul

RT: 20.569 min Scan# 2972

Delta R.T. -0.006 min

Lab File: BP020007.D

Acq: 26 Mar 2024 22:00

Instrument :

BNA_P

ClientSampleId :

SLCS785

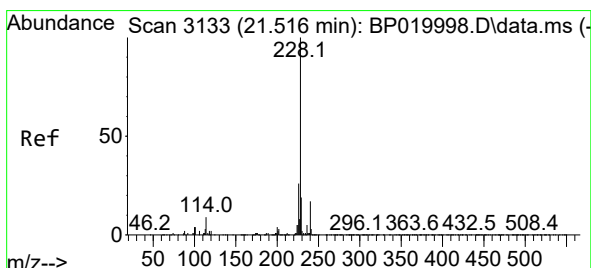
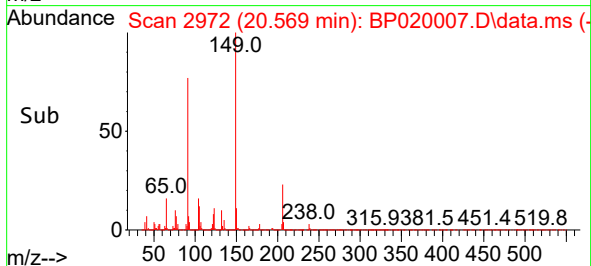
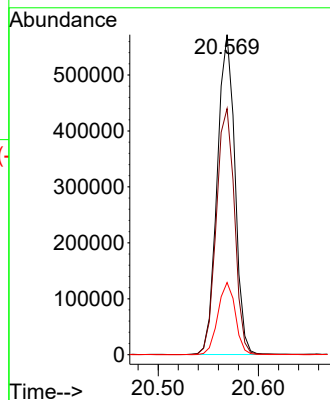
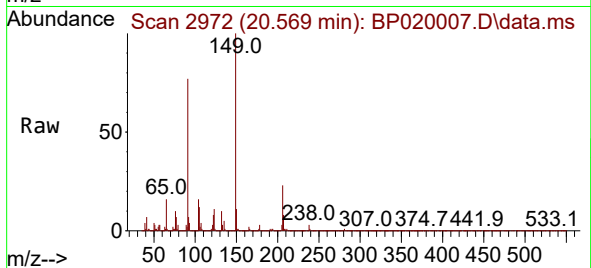
Tgt Ion:149 Resp: 700096

Ion Ratio Lower Upper

149 100

91 76.9 63.4 95.2

206 22.5 17.8 26.6



#85

Benzo(a)anthracene

Concen: 45.631 ng/ul

RT: 21.504 min Scan# 3131

Delta R.T. -0.024 min

Lab File: BP020007.D

Acq: 26 Mar 2024 22:00

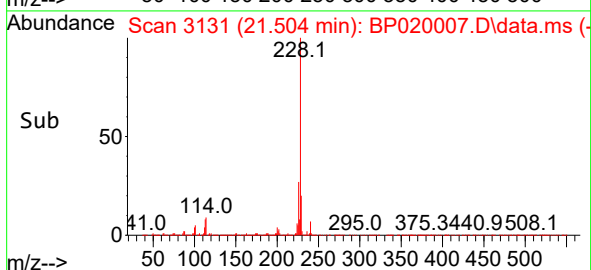
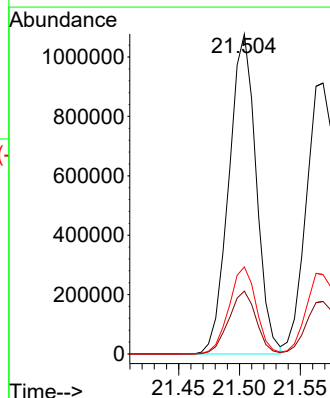
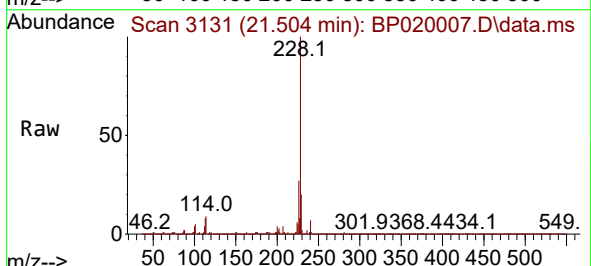
Tgt Ion:228 Resp: 1678762

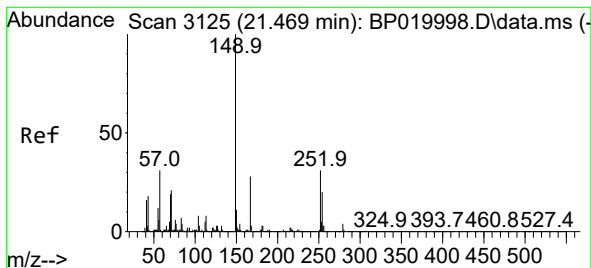
Ion Ratio Lower Upper

228 100

229 19.7 15.6 23.4

226 27.2 22.1 33.1

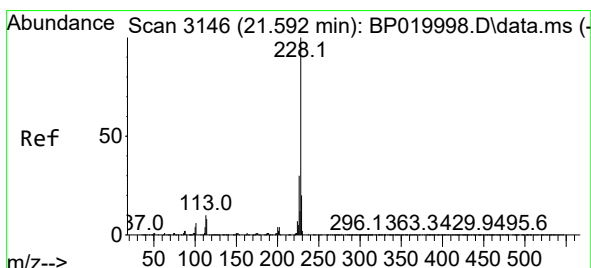
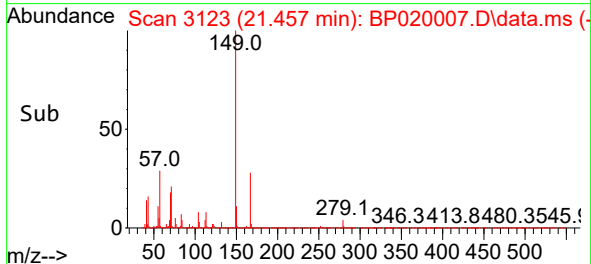
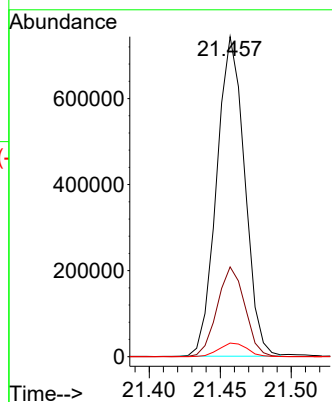
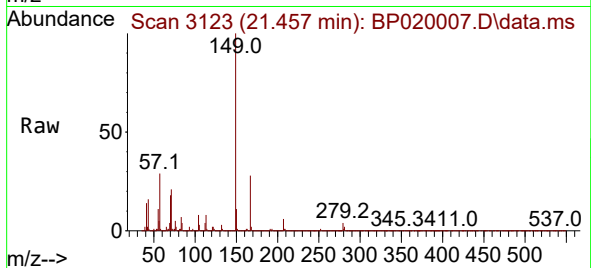




#86
Bis(2-ethylhexyl)phthalate
Concen: 45.141 ng/ul
RT: 21.457 min Scan# 3125
Delta R.T. -0.018 min
Lab File: BP020007.D
Acq: 26 Mar 2024 22:00

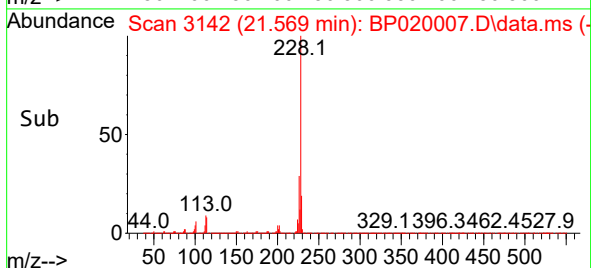
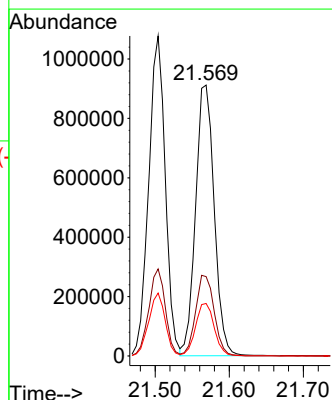
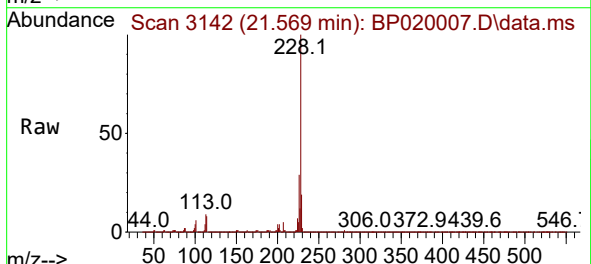
Instrument :
BNA_P
ClientSampleId :
SLCS785

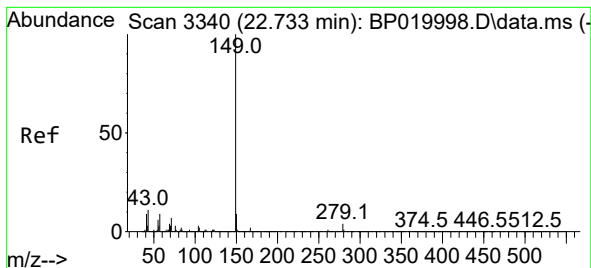
Tgt Ion:149 Resp: 1019856
Ion Ratio Lower Upper
149 100
167 28.0 23.0 34.6
279 4.3 3.6 5.4



#87
Chrysene
Concen: 46.545 ng/ul
RT: 21.569 min Scan# 3142
Delta R.T. -0.029 min
Lab File: BP020007.D
Acq: 26 Mar 2024 22:00

Tgt Ion:228 Resp: 1592043
Ion Ratio Lower Upper
228 100
226 29.3 23.2 34.8
229 19.4 15.3 22.9





#89

Di-n-octyl phthalate

Concen: 49.623 ng/ul

RT: 22.722 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP020007.D

Acq: 26 Mar 2024 22:00

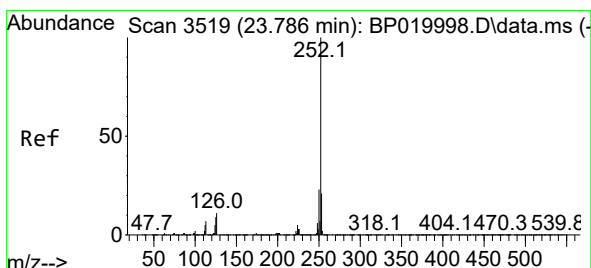
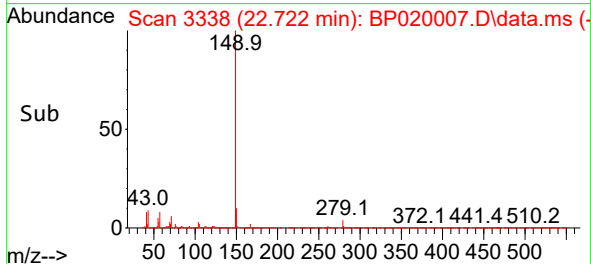
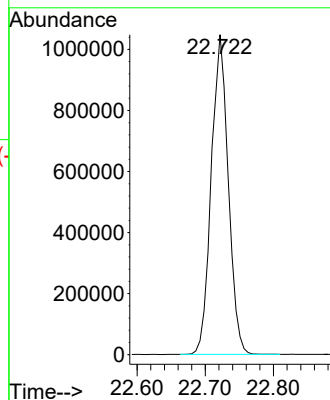
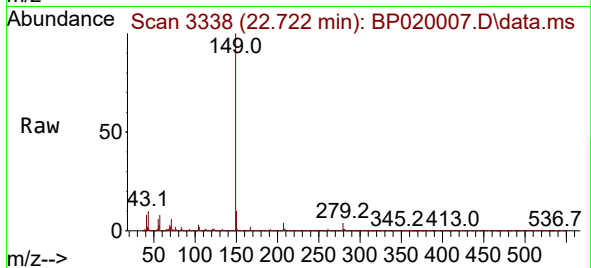
Instrument :

BNA_P

ClientSampleId :

SLCS785

Tgt Ion:149 Resp: 1817582



#90

Benzo(b)fluoranthene

Concen: 49.923 ng/ul

RT: 23.769 min Scan# 3516

Delta R.T. -0.024 min

Lab File: BP020007.D

Acq: 26 Mar 2024 22:00

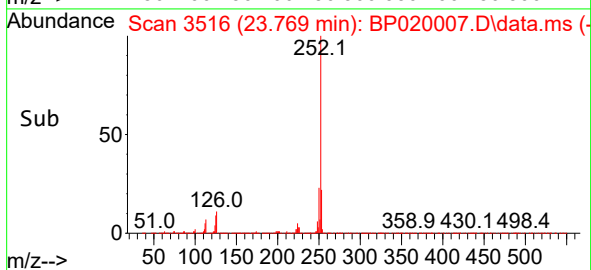
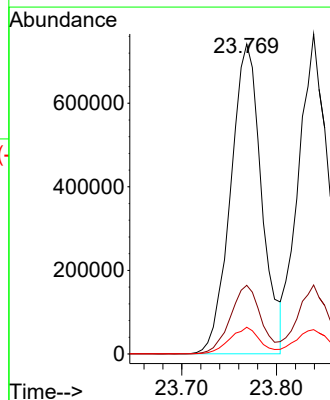
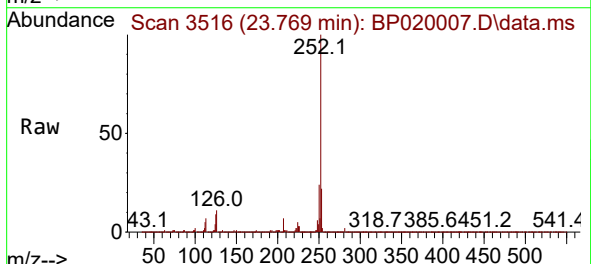
Tgt Ion:252 Resp: 1690336

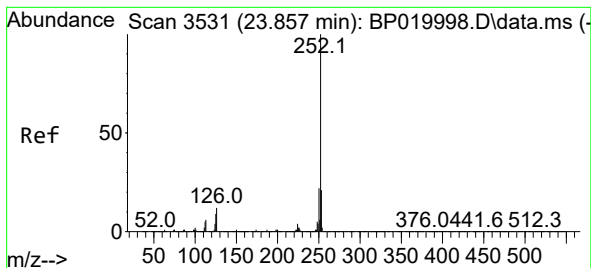
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 8.6 6.5 9.7





#91

Benzo(k)fluoranthene

Concen: 48.585 ng/ul

RT: 23.839 min Scan# 3

Delta R.T. -0.035 min

Lab File: BP020007.D

Acq: 26 Mar 2024 22:00

Instrument :

BNA_P

ClientSampleId :

SLCS785

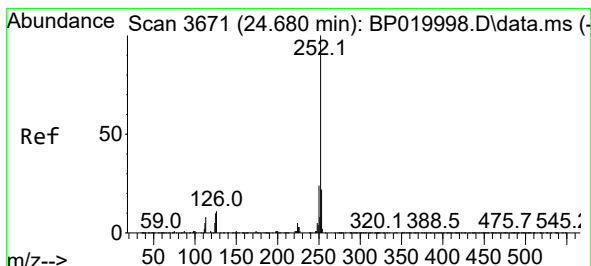
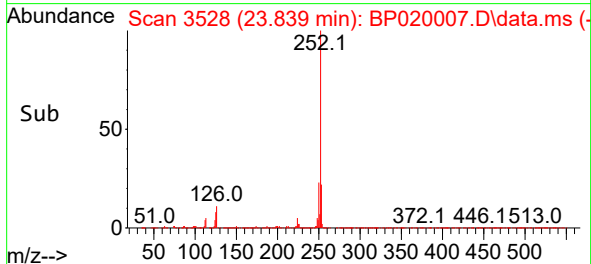
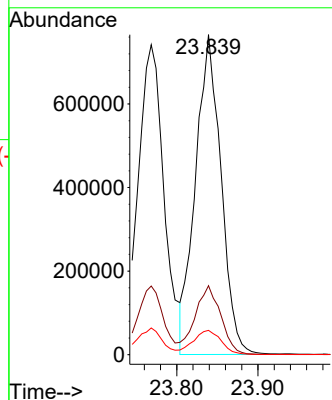
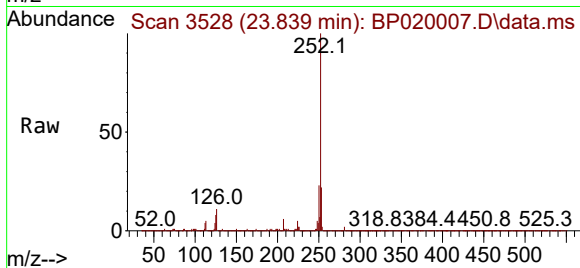
Tgt Ion:252 Resp: 1671729

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 7.6 7.1 10.7



#93

Benzo(a)pyrene

Concen: 48.684 ng/ul

RT: 24.651 min Scan# 3666

Delta R.T. -0.030 min

Lab File: BP020007.D

Acq: 26 Mar 2024 22:00

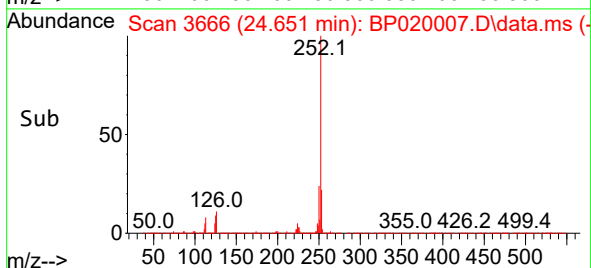
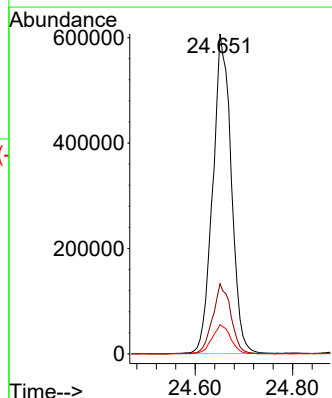
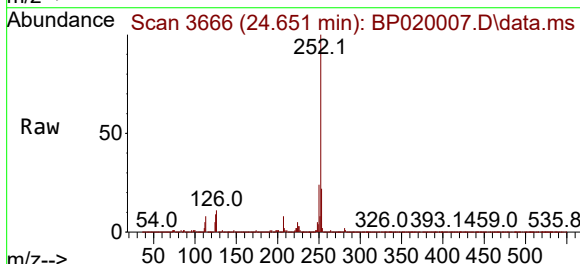
Tgt Ion:252 Resp: 1594479

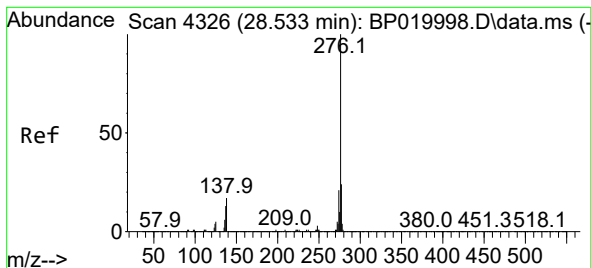
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 9.2 7.4 11.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 36.291 ng/ul

RT: 28.533 min Scan# 41

Delta R.T. -0.018 min

Lab File: BP020007.D

Acq: 26 Mar 2024 22:00

Instrument :

BNA_P

ClientSampleId :

SLCS785

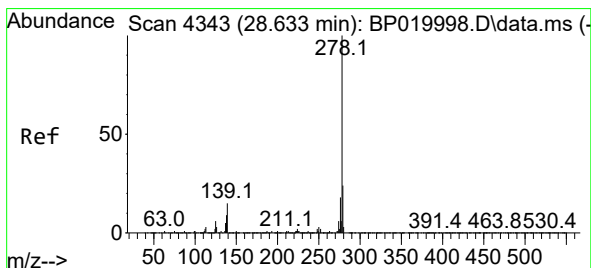
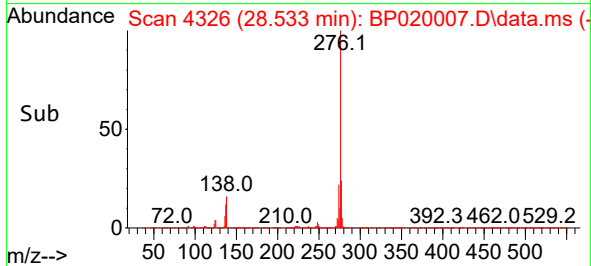
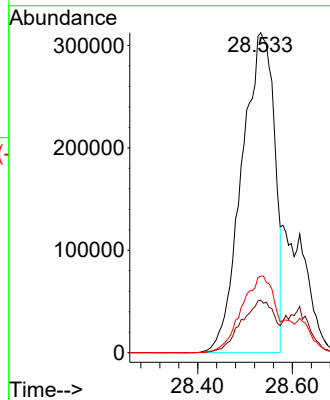
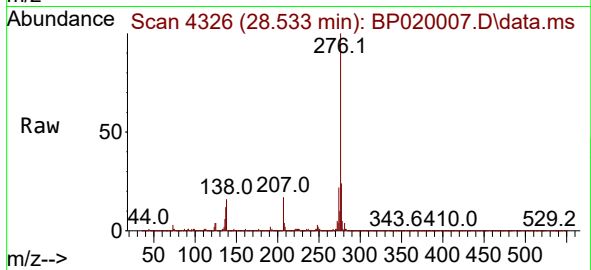
Tgt Ion:276 Resp: 1497060

Ion Ratio Lower Upper

276 100

138 16.4 13.1 19.7

277 23.9 19.5 29.3



#95

Dibenzo(a,h)anthracene

Concen: 47.929 ng/ul

RT: 28.615 min Scan# 4340

Delta R.T. -0.035 min

Lab File: BP020007.D

Acq: 26 Mar 2024 22:00

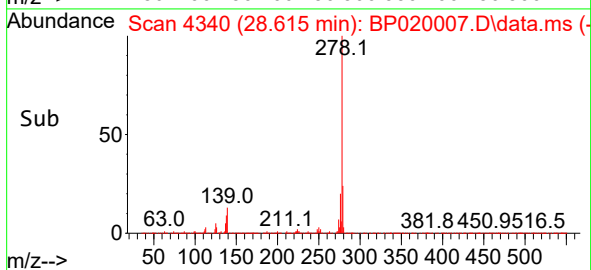
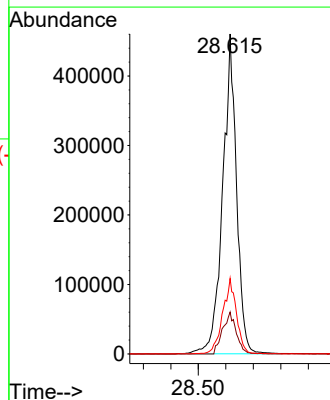
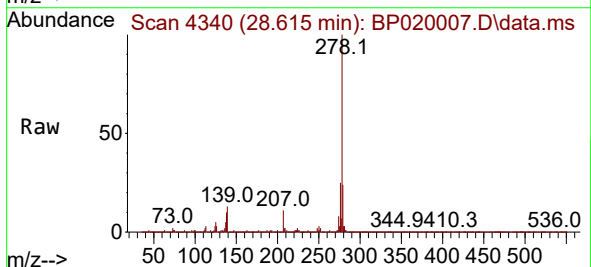
Tgt Ion:278 Resp: 1608273

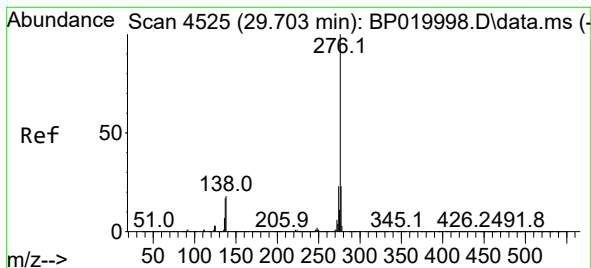
Ion Ratio Lower Upper

278 100

139 13.1 11.4 17.2

279 23.6 19.7 29.5





#96

Benzo(g,h,i)perylene

Concen: 46.910 ng/ul

RT: 29.680 min Scan# 4

Delta R.T. -0.041 min

Lab File: BP020007.D

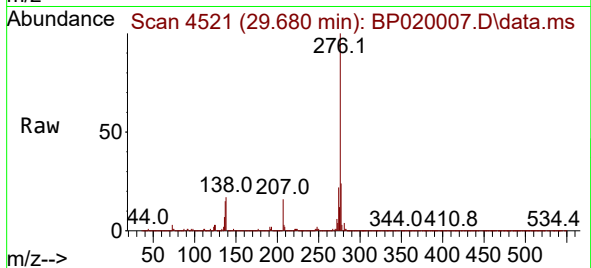
Acq: 26 Mar 2024 22:00

Instrument :

BNA_P

ClientSampleId :

SLCS785



Tgt Ion:276 Resp: 1563043

Ion Ratio Lower Upper

276 100

138 16.9 15.5 23.3

277 23.6 18.8 28.2

