

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
 Data File : BP020812.D
 Acq On : 06 Jul 2024 08:23
 Operator : MA/JU
 Sample : PB161717BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS717

Quant Time: Jul 07 22:36:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	197933	20.000	ng/u1	0.00
20) Naphthalene-d8	10.504	136	821277	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.357	164	539138	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.175	188	1139361	20.000	ng/u1	0.01
79) Chrysene-d12	21.622	240	1010671	20.000	ng/u1	0.00
88) Perylene-d12	24.980	264	1175678	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	24790	5.378	ng/uL	0.00
4) Pyridine-d5	3.681	84	360006	26.799	ng/u1	0.00
7) Phenol-d5	6.922	99	503051	30.987	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	287945	27.978	ng/u1	0.00
11) 2-Chlorophenol-d4	7.269	132	414817	31.265	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	408068	30.949	ng/u1	0.00
21) Nitrobenzene-d5	8.887	128	206348	34.031	ng/u1	0.00
24) 2-Nitrophenol-d4	9.599	143	234810	38.697	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	423797	33.907	ng/u1	0.00
31) 4-Chloroaniline-d4	10.652	131	535721	30.584	ng/u1	0.01
46) Dimethylphthalate-d6	13.763	166	1229384	32.796	ng/u1	0.00
49) Acenaphthylene-d8	14.045	160	1398279	31.261	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	213980	37.360	ng/u1	0.02
60) Fluorene-d10	15.375	176	1041903	33.030	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.516	200	182431	31.773	ng/u1	0.02
73) Anthracene-d10	17.281	188	1593397	31.161	ng/u1	0.02
81) Pyrene-d10	19.663	212	1874277	30.869	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.751	264	1868072	32.665	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	50454	9.782	ng/uL	97
5) Pyridine	3.699	79	357439	25.687	ng/u1	98
6) Benzaldehyde	6.893	77	284229	34.621	ng/u1	99
8) Phenol	6.946	94	507418	30.650	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.169	93	389366	28.408	ng/u1	96
12) 2-Chlorophenol	7.305	128	410641	30.788	ng/u1	97
13) 2-Methylphenol	8.181	108	377697	29.736	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.252	45	539908	25.921	ng/u1	99
16) Acetophenone	8.552	105	618976	29.396	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.534	70	304062	27.167	ng/u1	98
18) 4-Methylphenol	8.505	108	417652	31.064	ng/u1	99
19) Hexachloroethane	8.793	117	163743	28.280	ng/u1	89
22) Nitrobenzene	8.928	77	456396	29.035	ng/u1	97
23) Isophorone	9.440	82	880841	28.282	ng/u1	99
25) 2-Nitrophenol	9.628	139	246125	37.560	ng/u1	92
26) 2,4-Dimethylphenol	9.687	107	346505	22.704	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.922	93	528427	28.521	ng/u1	98
29) 2,4-Dichlorophenol	10.157	162	409194	33.076	ng/u1	97
30) Naphthalene	10.552	128	1293916	29.435	ng/u1	99
32) 4-Chloroaniline	10.675	127	485918	28.813	ng/u1	99
33) Hexachlorobutadiene	10.816	225	280561	30.334	ng/u1	99
34) Caprolactam	11.463	113	135032	35.867	ng/u1	86
35) 4-Chloro-3-methylphenol	11.804	107	454059	33.241	ng/u1	95
36) 2-Methylnaphthalene	12.163	142	894374	30.373	ng/u1	100

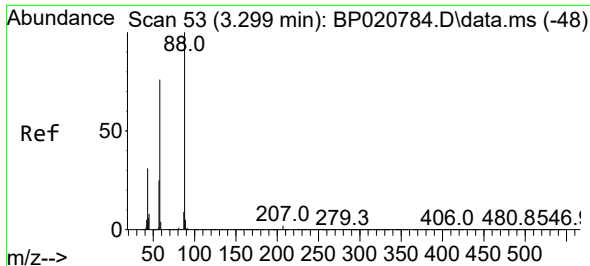
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.381	142	906116	30.102	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.528	216	538575	31.245	ng/ul	99
40) Hexachlorocyclopentadiene	12.498	237	150269	14.006	ng/ul	96
41) 2,4,6-Trichlorophenol	12.781	196	334644	32.544	ng/ul	99
42) 2,4,5-Trichlorophenol	12.857	196	372234	34.903	ng/ul	96
43) 1,1'-Biphenyl	13.181	154	1189967	29.513	ng/ul	98
44) 2-Chloronaphthalene	13.228	162	943906	29.723	ng/ul	100
45) 2-Nitroaniline	13.440	65	289406	36.181	ng/ul	91
47) Dimethylphthalate	13.816	163	1207592	31.625	ng/ul	99
48) 2,6-Dinitrotoluene	13.945	165	261653	38.428	ng/ul	95
50) Acenaphthylene	14.075	152	1503376	29.755	ng/ul	100
51) 3-Nitroaniline	14.287	138	266122	42.052	ng/ul	92
52) Acenaphthene	14.422	153	988828	29.503	ng/ul	99
53) 2,4-Dinitrophenol	14.498	184	111283	31.509	ng/ul	98
55) 4-Nitrophenol	14.616	109	172804	33.715	ng/ul	96
56) Dibenzofuran	14.769	168	1420916	31.461	ng/ul	98
57) 2,4-Dinitrotoluene	14.740	165	376970	40.109	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.010	232	298784	33.920	ng/ul#	94
59) Diethylphthalate	15.198	149	1208606	32.088	ng/ul	98
61) Fluorene	15.434	166	1135975	31.305	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.422	204	595529	31.449	ng/ul	97
63) 4-Nitroaniline	15.469	138	276327	46.009	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.528	198	190812	31.023	ng/ul	92
67) N-Nitrosodiphenylamine	15.645	169	993349	29.563	ng/ul	99
68) 4-Bromophenyl-phenylether	16.334	248	392148	30.857	ng/ul	97
69) Hexachlorobenzene	16.451	284	458111	32.201	ng/ul	93
70) Atrazine	16.628	200	191086	16.132	ng/ul	97
71) Pentachlorophenol	16.822	266	244832	29.892	ng/ul	96
72) Phenanthrene	17.216	178	1825930	30.604	ng/ul	99
74) Anthracene	17.316	178	1806112	29.429	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.146	216	526480	28.466	ng/uL	100
76) Pentachlorobenzene	14.681	250	529888	30.061	ng/uL	99
77) Carbazole	17.598	167	1683893	33.246	ng/ul	99
78) Di-n-butylphthalate	18.181	149	2121926	32.256	ng/ul	100
80) Fluoranthene	19.310	202	2180459	29.400	ng/ul	98
82) Pyrene	19.692	202	2248466	29.561	ng/ul	97
83) Butylbenzylphthalate	20.639	149	965951	34.200	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.533	252	712738	31.896	ng/ul	97
85) Benzo(a)anthracene	21.604	228	2188400	30.892	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.533	149	1353891	30.874	ng/ul	99
87) Chrysene	21.674	228	2064895	30.838	ng/ul	99
89) Di-n-octyl phthalate	22.810	149	2428271	32.173	ng/ul	100
90) Benzo(b)fluoranthene	23.916	252	2259352	31.722	ng/ul	98
91) Benzo(k)fluoranthene	23.986	252	2159284	29.971	ng/ul	98
93) Benzo(a)pyrene	24.821	252	1906276	28.353	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.774	276	995715	11.546	ng/ul	96
95) Dibenzo(a,h)anthracene	28.862	278	2191374	30.918	ng/ul	99
96) Benzo(g,h,i)perylene	29.986	276	2079738	29.537	ng/ul	98

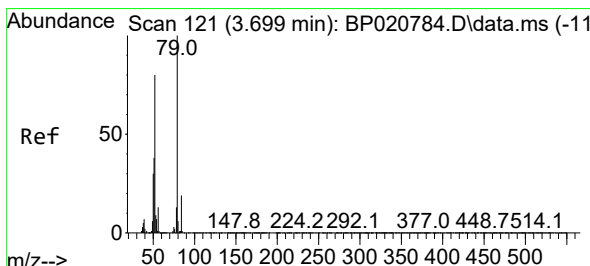
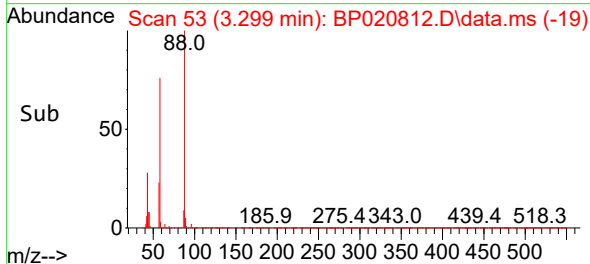
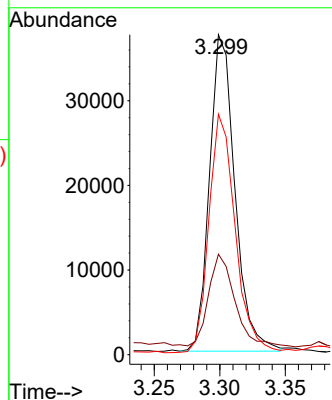
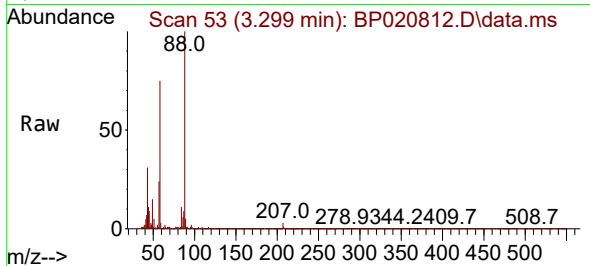
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#2
1,4-Dioxane
Concen: 9.782 ng/uL
RT: 3.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: BP020812.D
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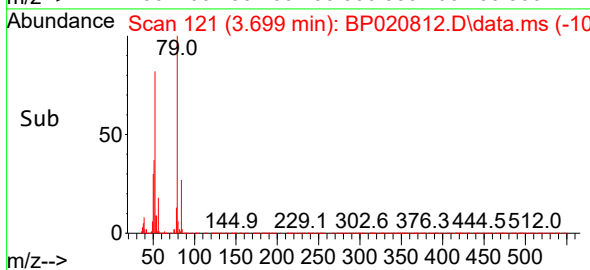
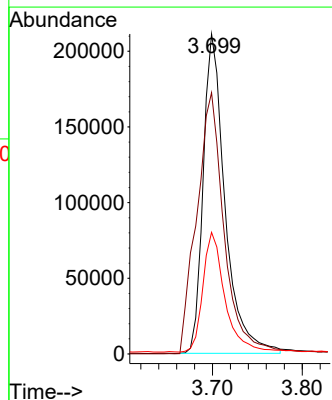
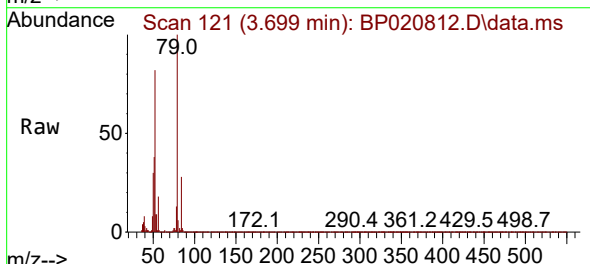
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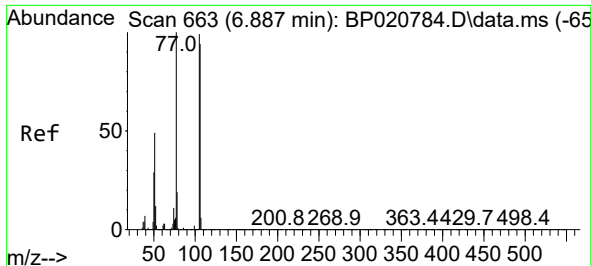
Tgt Ion:	88	Resp:	50454
Ion	Ratio	Lower	Upper
88	100		
43	31.4	28.1	42.1
58	75.1	61.1	91.7



#5
Pyridine
Concen: 25.687 ng/uL
RT: 3.699 min Scan# 121
Delta R.T. -0.000 min
Lab File: BP020812.D
Acq: 06 Jul 2024 08:23

Tgt Ion:	79	Resp:	357439
Ion	Ratio	Lower	Upper
79	100		
52	81.7	64.6	97.0
51	38.0	32.0	48.0

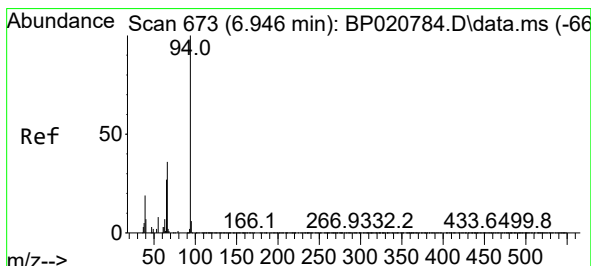
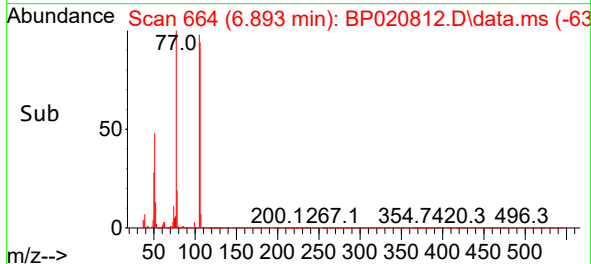
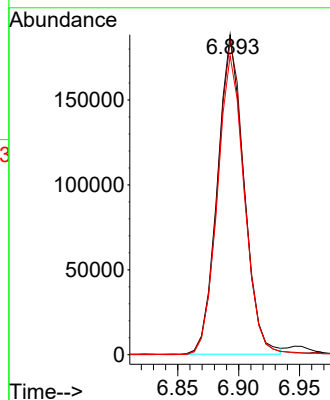
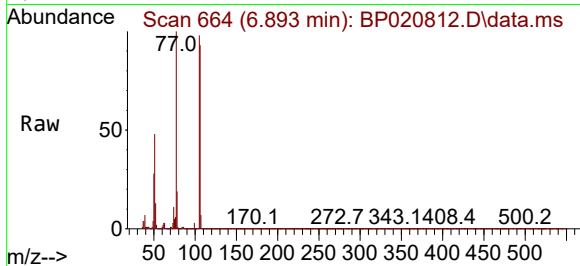




#6
Benzaldehyde
Concen: 34.621 ng/ul
RT: 6.893 min Scan# 60
Delta R.T. -0.000 min
Lab File: BP020812.D
Acq: 06 Jul 2024 08:23

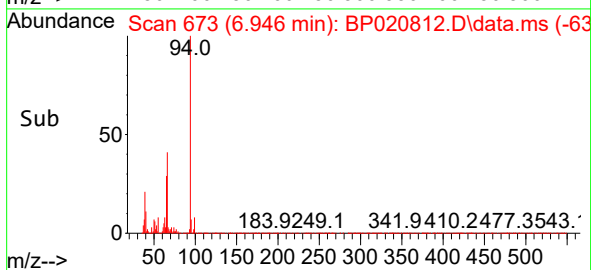
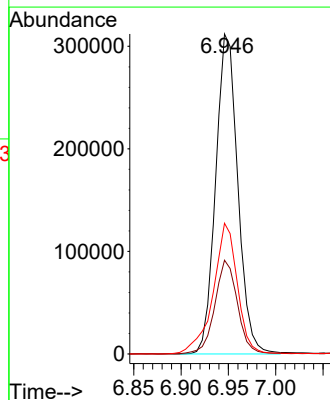
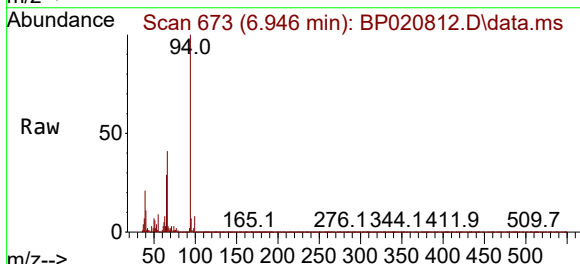
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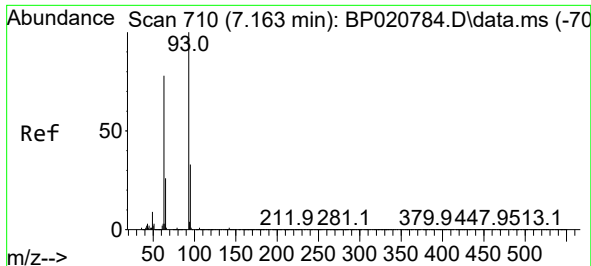
Tgt Ion: 77 Resp: 284229
Ion Ratio Lower Upper
77 100
105 98.0 78.2 117.2
106 93.4 73.2 109.8



#8
Phenol
Concen: 30.650 ng/ul
RT: 6.946 min Scan# 673
Delta R.T. -0.000 min
Lab File: BP020812.D
Acq: 06 Jul 2024 08:23

Tgt Ion: 94 Resp: 507418
Ion Ratio Lower Upper
94 100
65 29.3 24.2 36.2
66 40.9 33.9 50.9

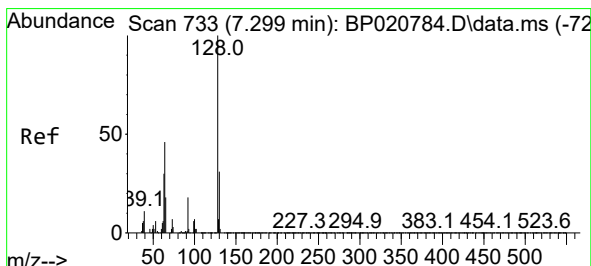
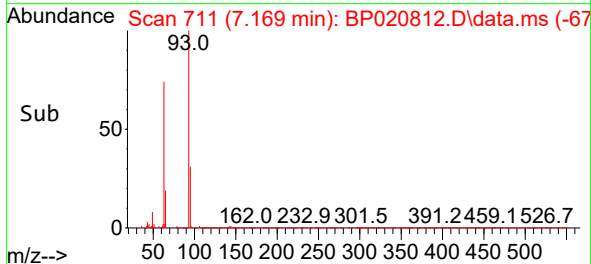
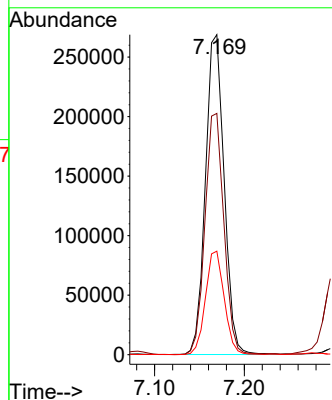
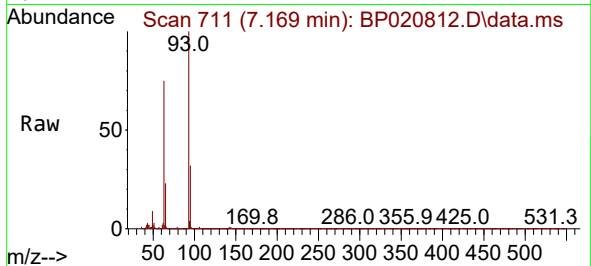




#10
Bis(2-Chloroethyl)ether
Concen: 28.408 ng/ul
RT: 7.169 min Scan# 710
Delta R.T. -0.000 min
Lab File: BP020812.D
Acq: 06 Jul 2024 08:23

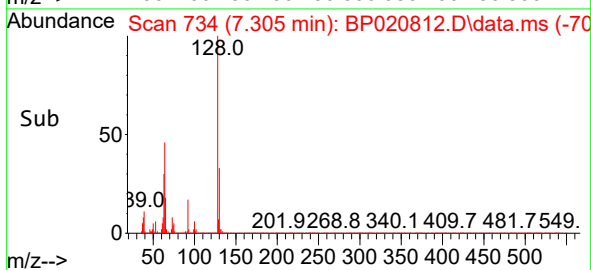
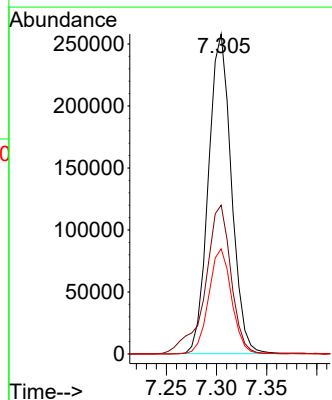
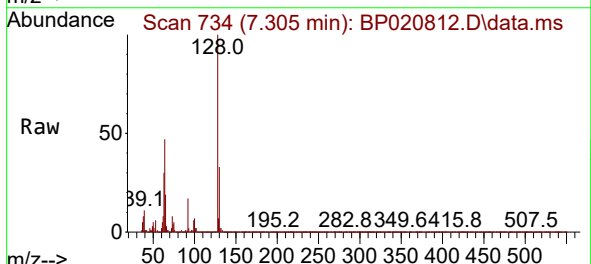
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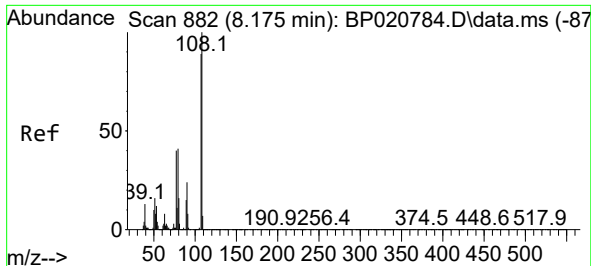
Tgt Ion: 93 Resp: 389366
Ion Ratio Lower Upper
93 100
63 75.4 63.4 95.2
95 32.3 27.0 40.4



#12
2-Chlorophenol
Concen: 30.788 ng/ul
RT: 7.305 min Scan# 734
Delta R.T. -0.000 min
Lab File: BP020812.D
Acq: 06 Jul 2024 08:23

Tgt Ion:128 Resp: 410641
Ion Ratio Lower Upper
128 100
64 46.5 39.4 59.2
130 32.9 25.9 38.9





#13

2-Methylphenol

Concen: 29.736 ng/ul

RT: 8.181 min Scan# 882

Delta R.T. 0.006 min

Lab File: BP020812.D

Acq: 06 Jul 2024 08:23

Instrument :

BNA_P

ClientSampleId :

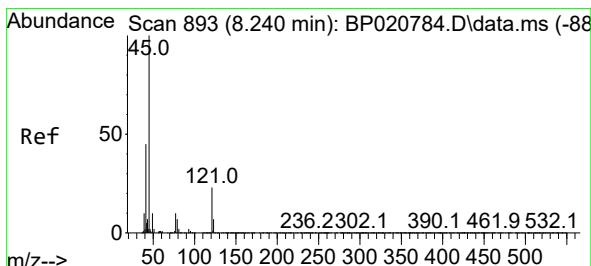
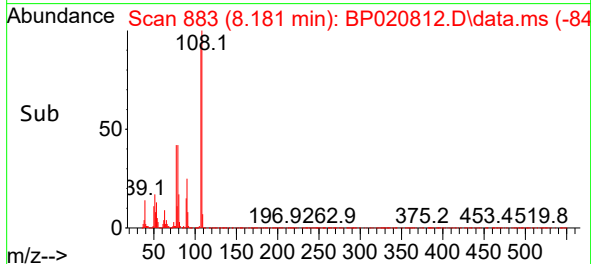
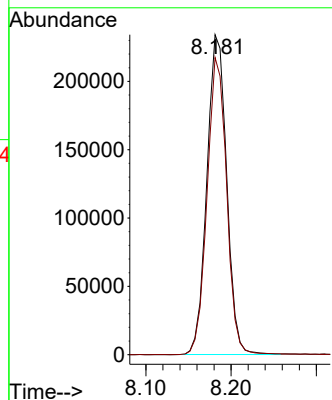
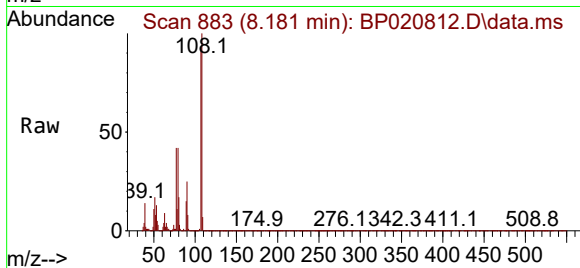
SLCS717

Tgt Ion:108 Resp: 377697

Ion Ratio Lower Upper

108 100

107 92.8 71.7 107.5



#14

2,2'-oxybis(1-Chloropropane)

Concen: 25.921 ng/ul

RT: 8.252 min Scan# 895

Delta R.T. -0.000 min

Lab File: BP020812.D

Acq: 06 Jul 2024 08:23

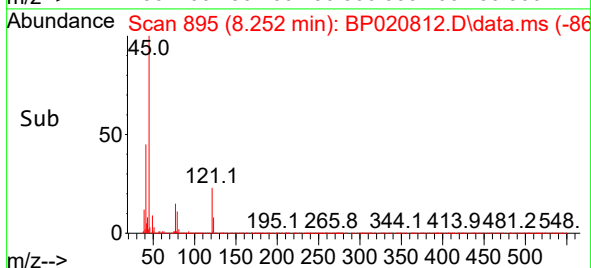
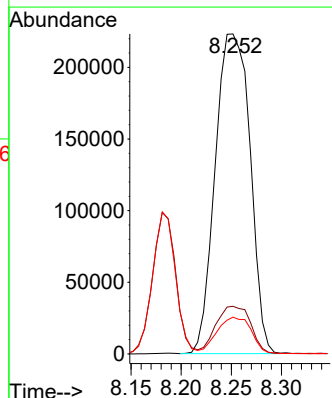
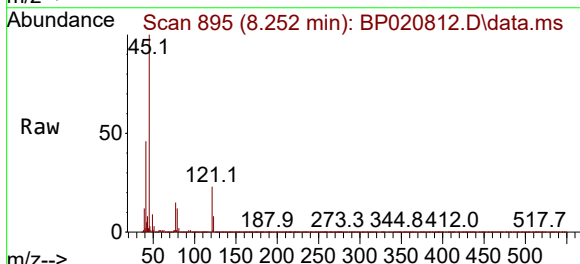
Tgt Ion: 45 Resp: 539908

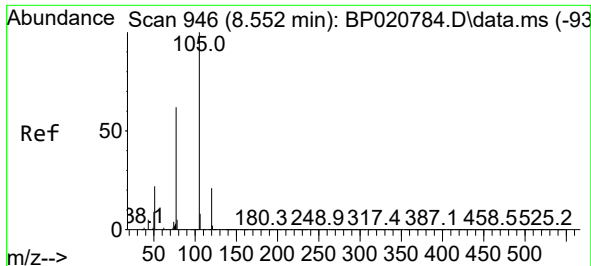
Ion Ratio Lower Upper

45 100

77 14.9 11.3 16.9

79 11.5 9.1 13.7

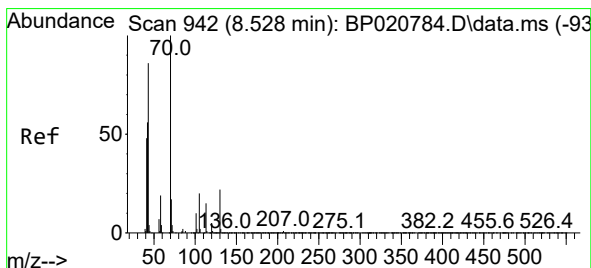
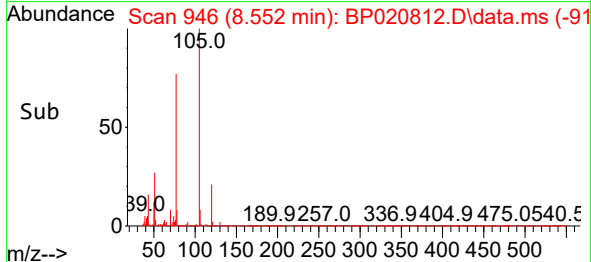
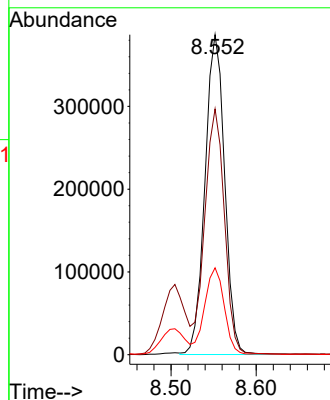
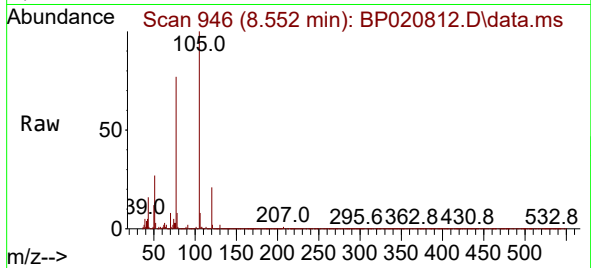




#16
Acetophenone
Concen: 29.396 ng/ul
RT: 8.552 min Scan# 946
Delta R.T. -0.000 min
Lab File: BP020812.D
Acq: 06 Jul 2024 08:23

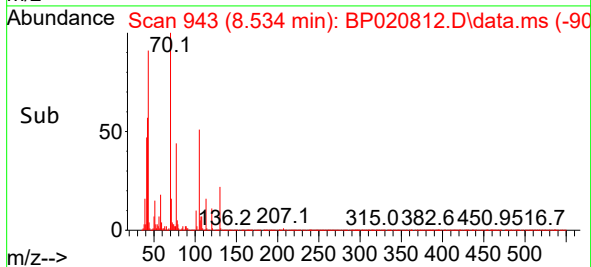
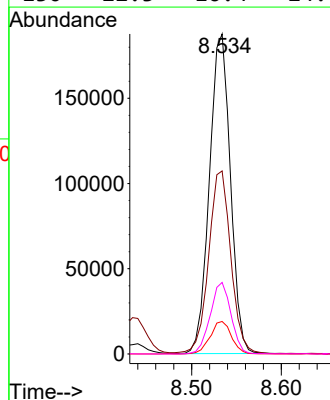
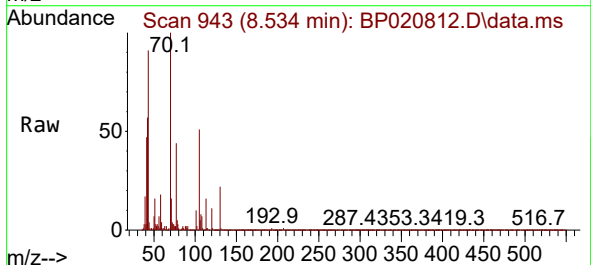
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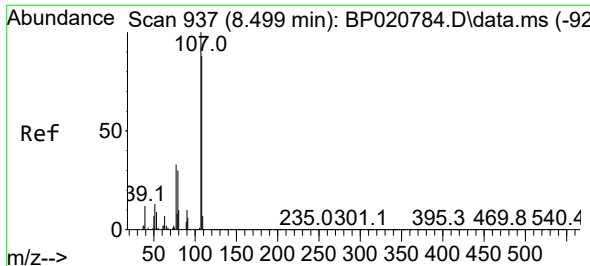
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Ion Ratio Lower Upper
105 100
77 76.8 62.2 93.4
51 27.1 23.6 35.4



#17
N-Nitroso-di-n-propylamine
Concen: 27.167 ng/ul
RT: 8.534 min Scan# 943
Delta R.T. -0.000 min
Lab File: BP020812.D
Acq: 06 Jul 2024 08:23

Tgt Ion: 70 Resp: 304062
Ion Ratio Lower Upper
70 100
42 57.2 46.8 70.2
101 10.2 8.0 12.0
130 22.3 16.4 24.6

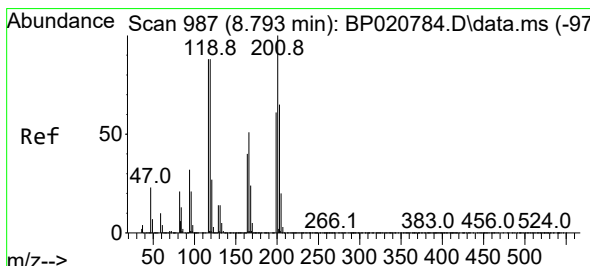
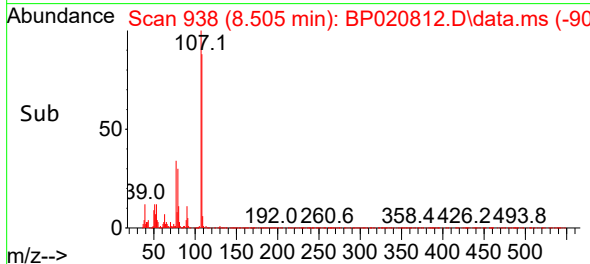
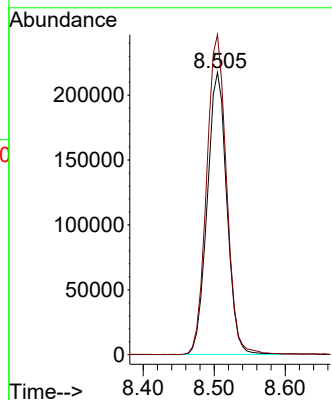
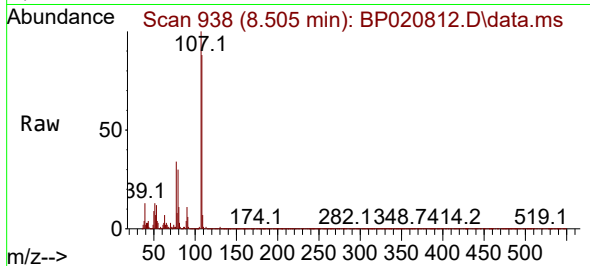




#18
4-Methylphenol
Concen: 31.064 ng/ul
RT: 8.505 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP020812.D
Acq: 06 Jul 2024 08:23

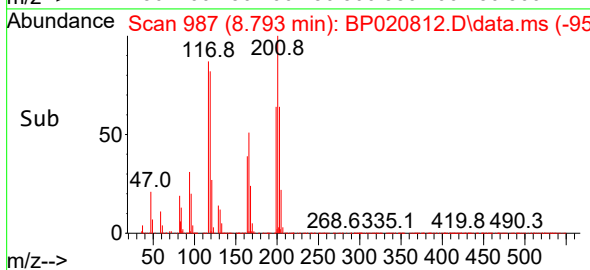
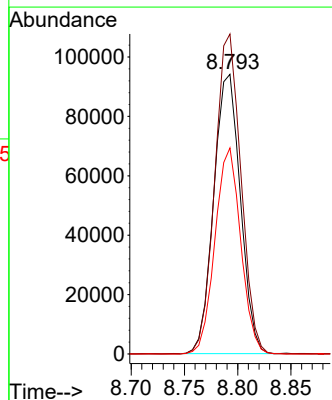
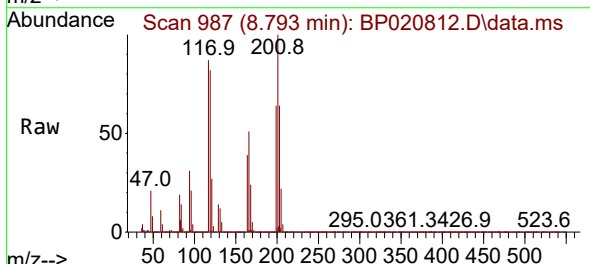
Instrument :
BNA_P
ClientSampleId :
SLCS717

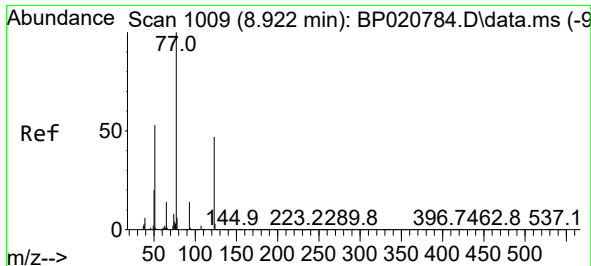
Tgt Ion:108 Resp: 417652
Ion Ratio Lower Upper
108 100
107 113.4 90.2 135.2



#19
Hexachloroethane
Concen: 28.280 ng/ul
RT: 8.793 min Scan# 987
Delta R.T. -0.000 min
Lab File: BP020812.D
Acq: 06 Jul 2024 08:23

Tgt Ion:117 Resp: 163743
Ion Ratio Lower Upper
117 100
201 114.4 83.0 124.6
199 73.7 51.9 77.9

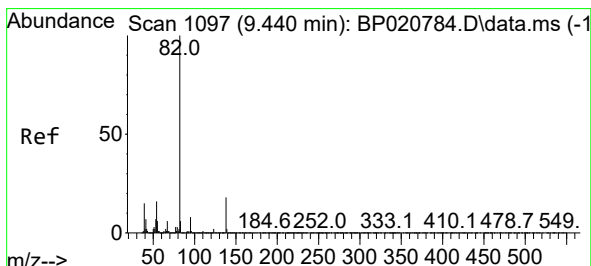
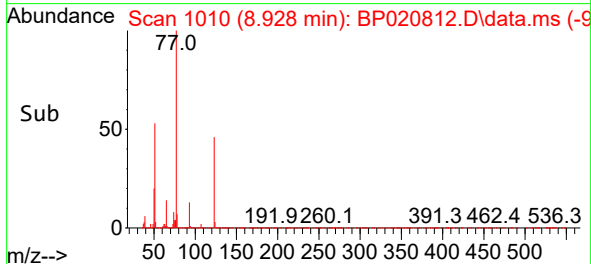
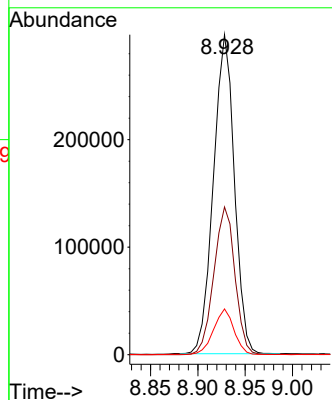
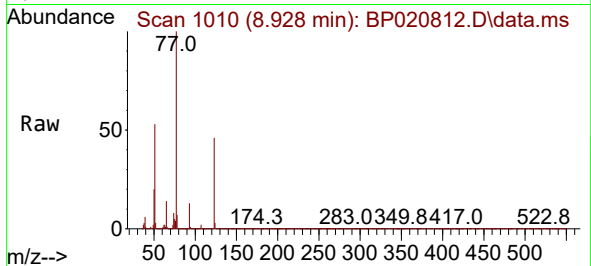




#22
Nitrobenzene
Concen: 29.035 ng/ul
RT: 8.928 min Scan# 1009
Delta R.T. 0.006 min
Lab File: BP020812.D
Acq: 06 Jul 2024 08:23

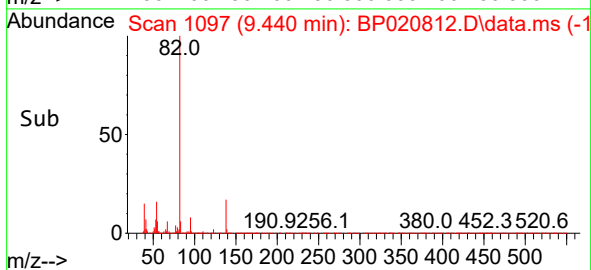
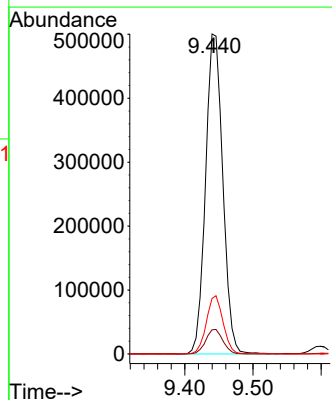
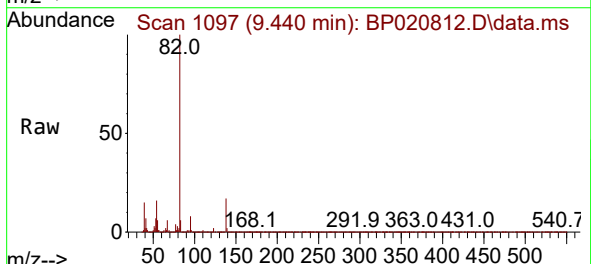
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BNA_P
ClientSampleId :
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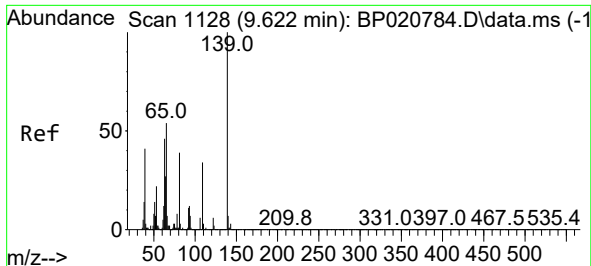
Tgt Ion: 77 Resp: 456396
Ion Ratio Lower Upper
77 100
123 46.1 35.0 52.6
65 14.3 11.0 16.4



#23
Isophorone
Concen: 28.282 ng/ul
RT: 9.440 min Scan# 1097
Delta R.T. -0.000 min
Lab File: BP020812.D
Acq: 06 Jul 2024 08:23

Tgt Ion: 82 Resp: 880841
Ion Ratio Lower Upper
82 100
95 7.6 6.2 9.2
138 17.3 13.2 19.8

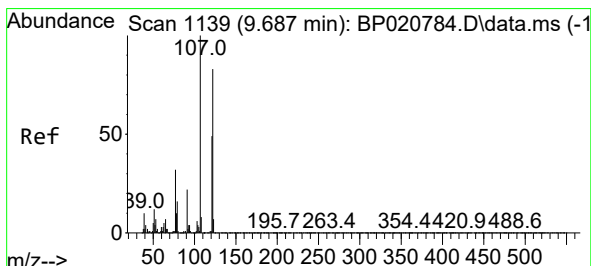
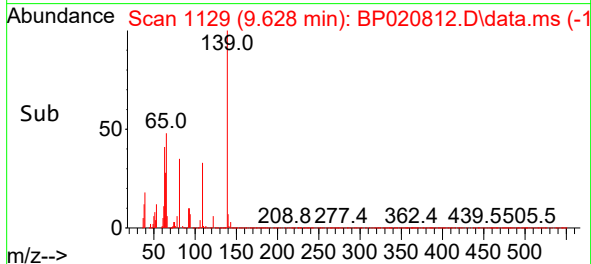
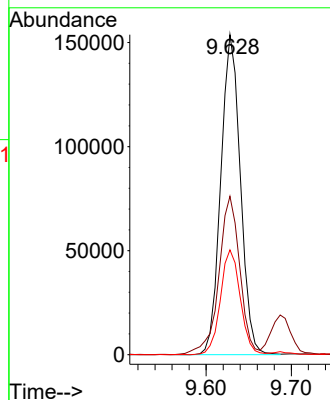
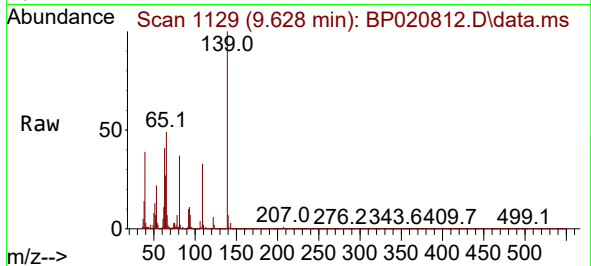




#25
2-Nitrophenol
Concen: 37.560 ng/ul
RT: 9.628 min Scan# 1128
Delta R.T. -0.000 min
Lab File: BP020812.D
Acq: 06 Jul 2024 08:23

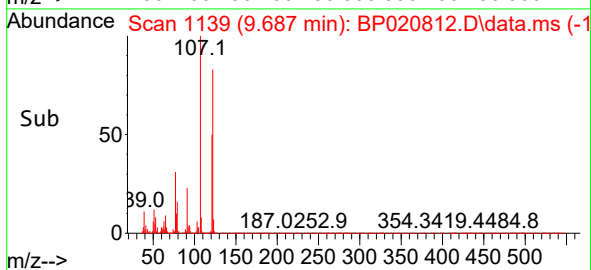
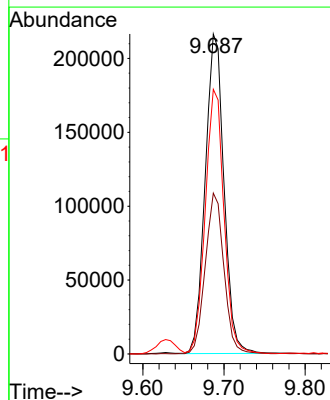
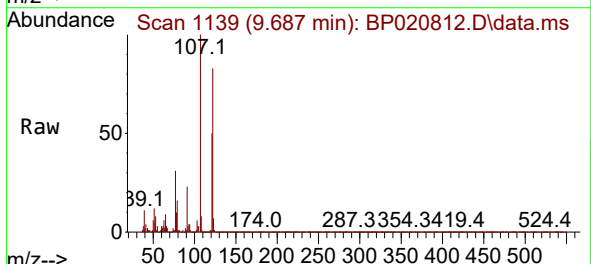
Instrument :
BNA_P
ClientSampleId :
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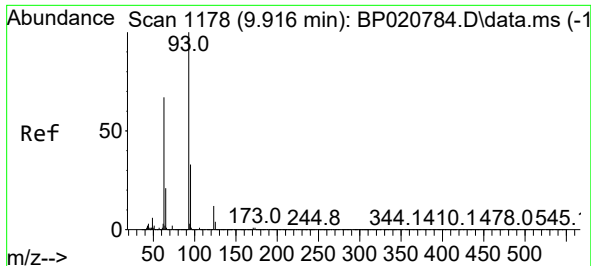
Tgt Ion:139 Resp: 246125
Ion Ratio Lower Upper
139 100
65 49.5 46.2 69.2
109 32.8 27.4 41.0



#26
2,4-Dimethylphenol
Concen: 22.704 ng/ul
RT: 9.687 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BP020812.D
Acq: 06 Jul 2024 08:23

Tgt Ion:107 Resp: 346505
Ion Ratio Lower Upper
107 100
121 50.3 38.5 57.7
122 82.7 66.7 100.1

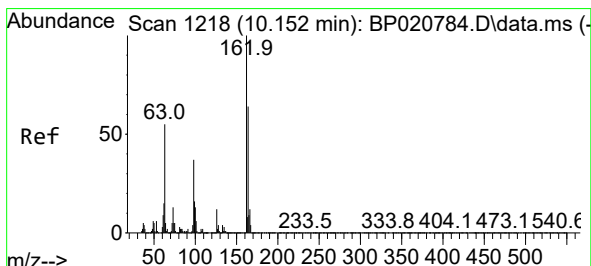
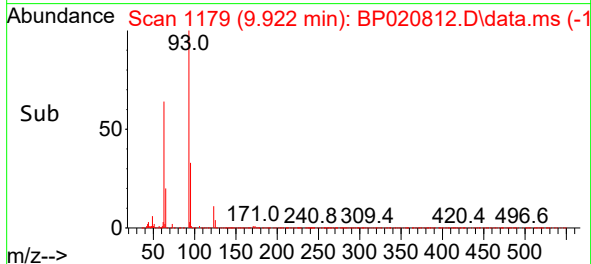
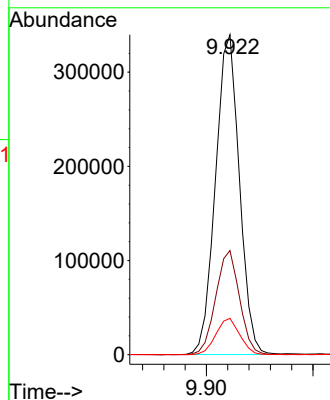
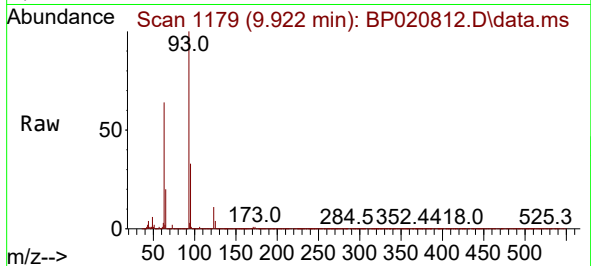




#27
 Bis(2-Chloroethoxy)methane
 Concen: 28.521 ng/ul
 RT: 9.922 min Scan# 1178
 Delta R.T. 0.006 min
 Lab File: BP020812.D
 Acq: 06 Jul 2024 08:23

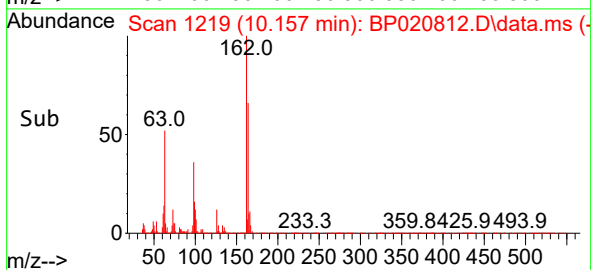
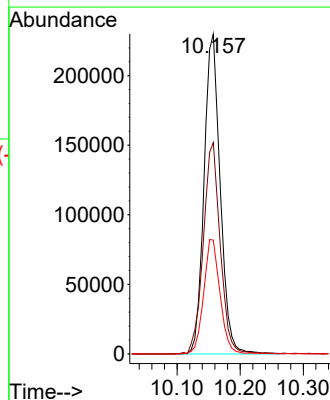
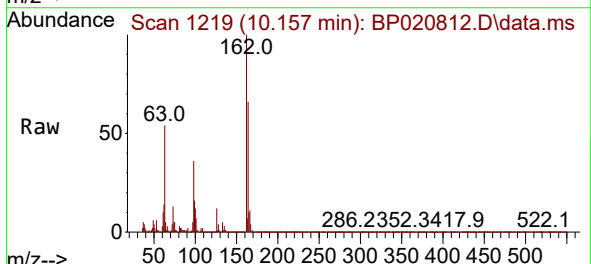
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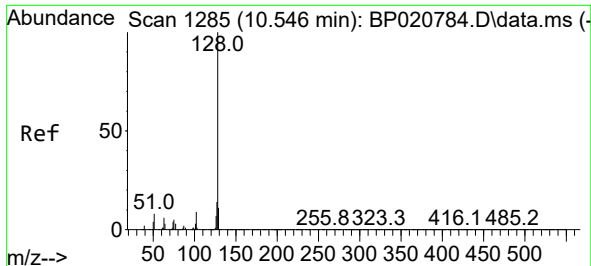
Tgt Ion: 93 Resp: 528427
 Ion Ratio Lower Upper
 93 100
 95 32.6 25.4 38.0
 123 11.3 8.2 12.4



#29
 2,4-Dichlorophenol
 Concen: 33.076 ng/ul
 RT: 10.157 min Scan# 1219
 Delta R.T. 0.006 min
 Lab File: BP020812.D
 Acq: 06 Jul 2024 08:23

Tgt Ion: 162 Resp: 409194
 Ion Ratio Lower Upper
 162 100
 164 66.0 51.2 76.8
 98 35.6 30.3 45.5

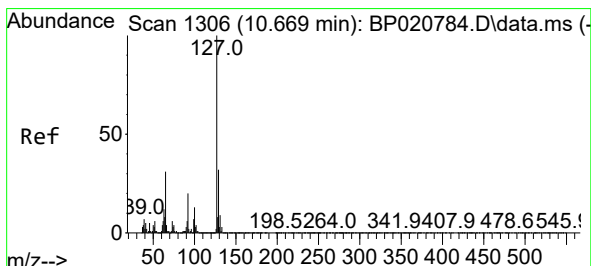
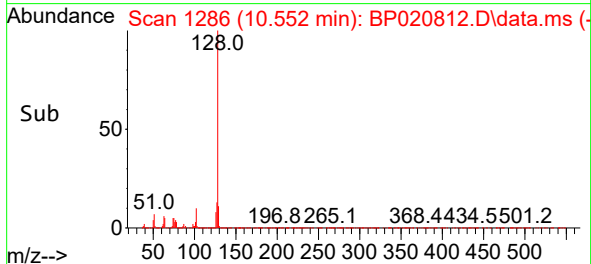
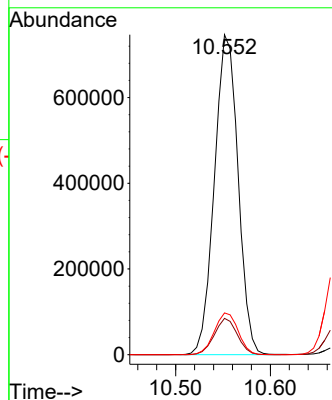
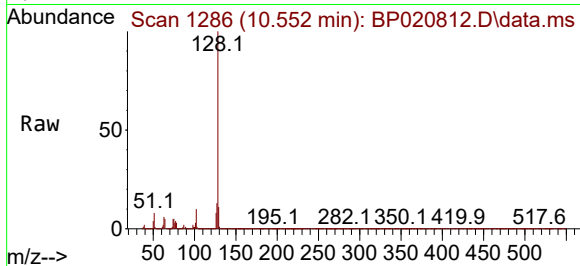




#30
Naphthalene
Concen: 29.435 ng/ul
RT: 10.552 min Scan# 1285
Delta R.T. 0.006 min
Lab File: BP020812.D
Acq: 06 Jul 2024 08:23

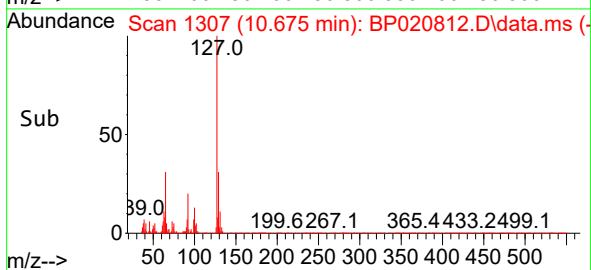
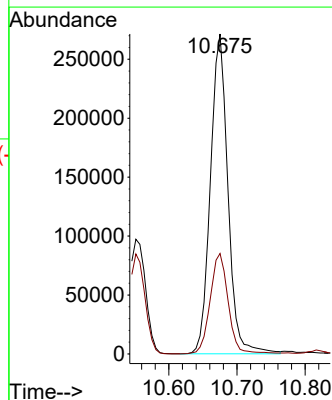
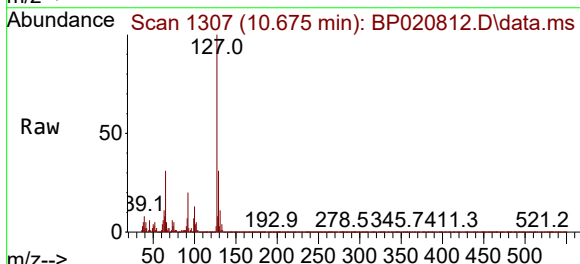
Instrument :
BNA_P
ClientSampleId :
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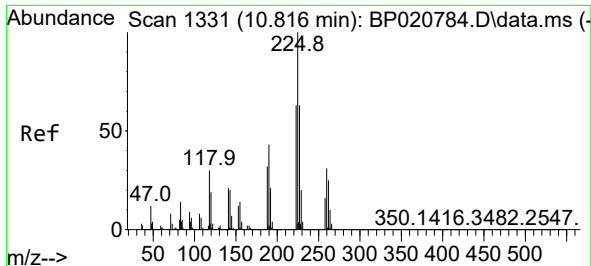
Tgt Ion:128 Resp: 1293916
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.0 10.6 15.8



#32
4-Chloroaniline
Concen: 28.813 ng/ul
RT: 10.675 min Scan# 1307
Delta R.T. 0.012 min
Lab File: BP020812.D
Acq: 06 Jul 2024 08:23

Tgt Ion:127 Resp: 485918
Ion Ratio Lower Upper
127 100
129 31.4 25.5 38.3

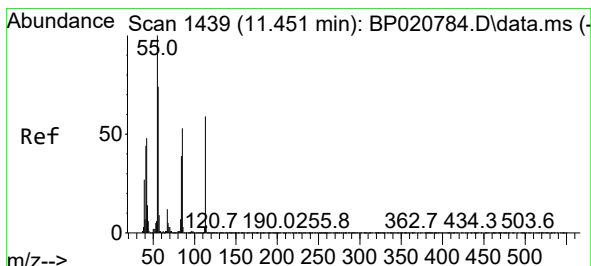
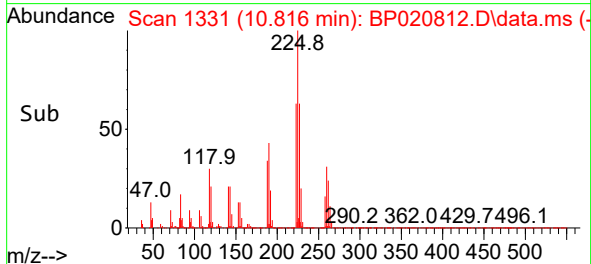
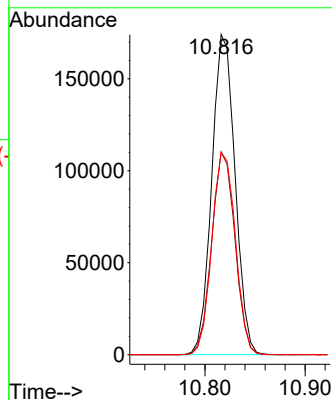
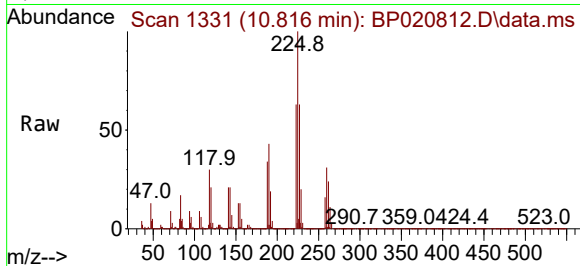




#33
Hexachlorobutadiene
Concen: 30.334 ng/ul
RT: 10.816 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP020812.D
Acq: 06 Jul 2024 08:23

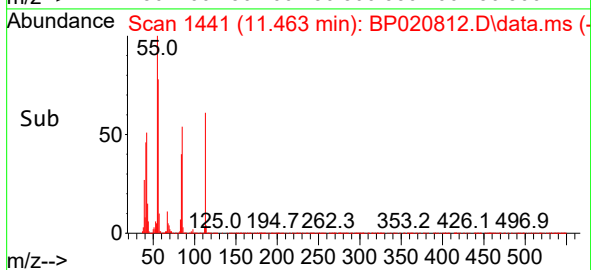
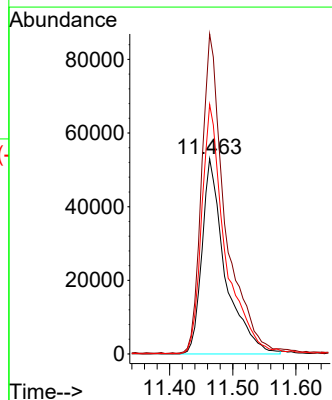
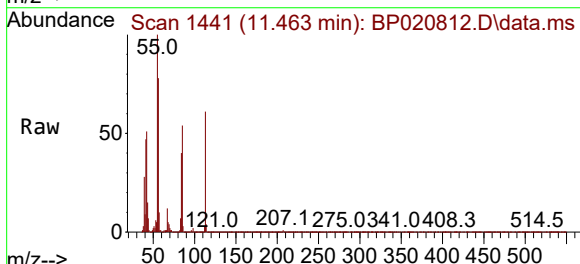
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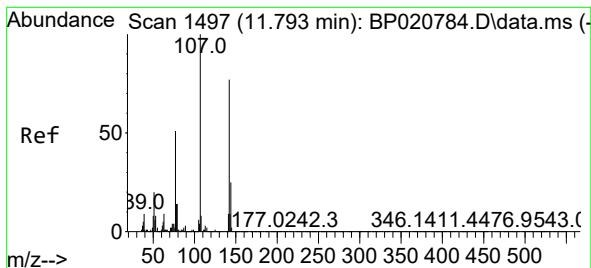
Tgt Ion:225 Resp: 280561
Ion Ratio Lower Upper
225 100
223 63.4 49.8 74.8
227 63.2 49.9 74.9



#34
Caprolactam
Concen: 35.867 ng/ul
RT: 11.463 min Scan# 1441
Delta R.T. 0.006 min
Lab File: BP020812.D
Acq: 06 Jul 2024 08:23

Tgt Ion:113 Resp: 135032
Ion Ratio Lower Upper
113 100
55 163.9 150.0 225.0
56 127.8 112.4 168.6

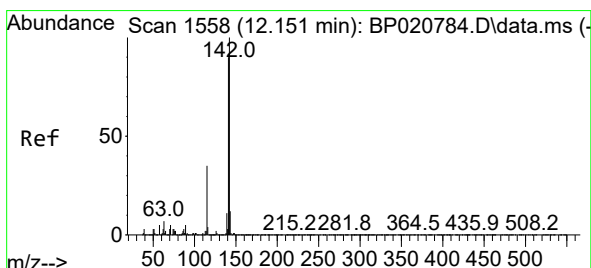
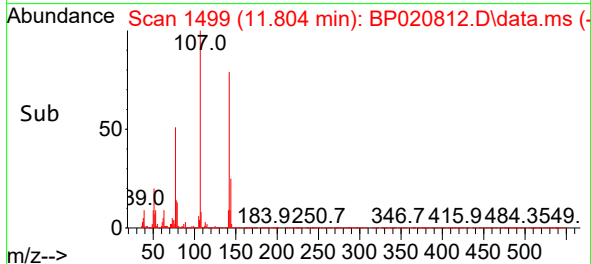
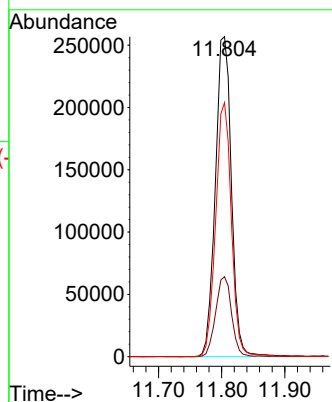
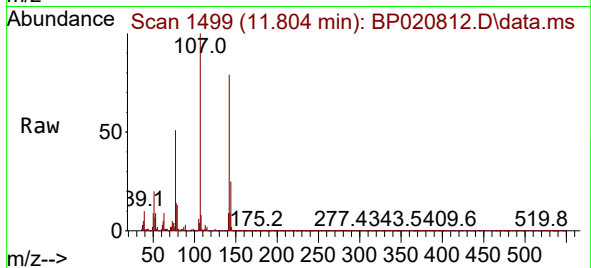




#35
4-Chloro-3-methylphenol
Concen: 33.241 ng/ul
RT: 11.804 min Scan# 1497
Delta R.T. 0.012 min
Lab File: BP020812.D
Acq: 06 Jul 2024 08:23

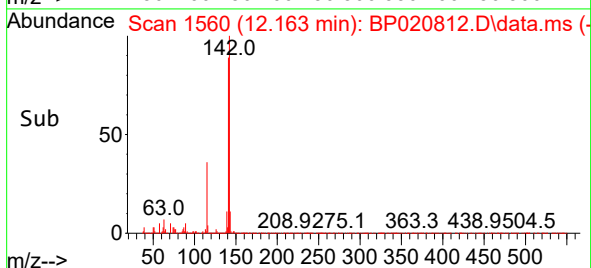
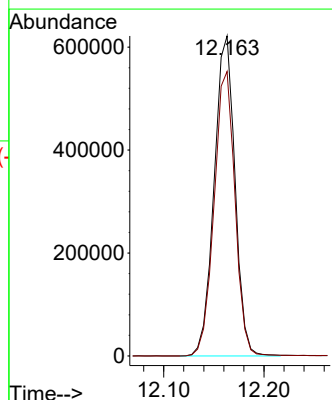
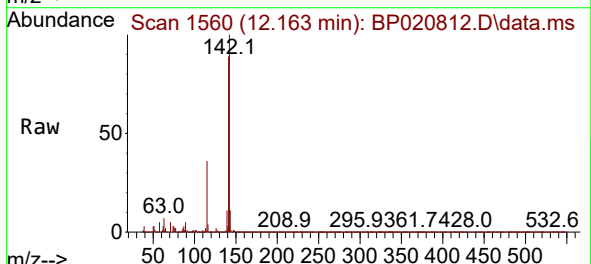
Instrument :
BNA_P
ClientSampleId :
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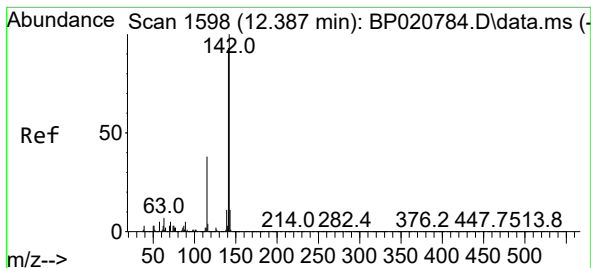
Tgt Ion:107 Resp: 454059
Ion Ratio Lower Upper
107 100
144 25.0 18.3 27.5
142 79.4 60.1 90.1



#36
2-Methylnaphthalene
Concen: 30.373 ng/ul
RT: 12.163 min Scan# 1560
Delta R.T. 0.006 min
Lab File: BP020812.D
Acq: 06 Jul 2024 08:23

Tgt Ion:142 Resp: 894374
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7





#37

1-Methylnaphthalene

Concen: 30.102 ng/ul

RT: 12.381 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP020812.D

Acq: 06 Jul 2024 08:23

Instrument :

BNA_P

ClientSampleId :

SLCS717

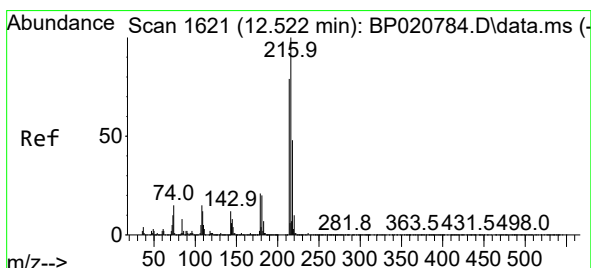
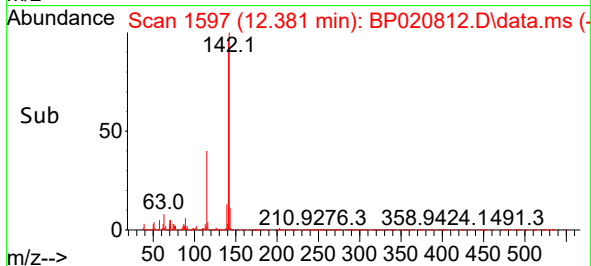
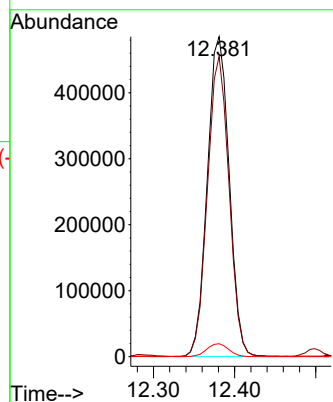
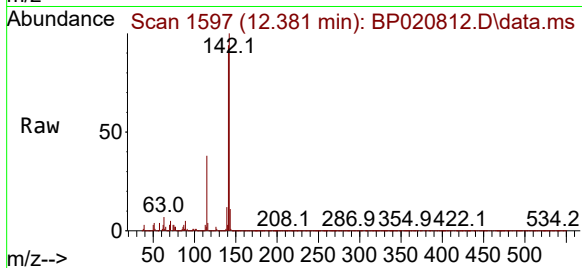
Tgt Ion:142 Resp: 906116

Ion Ratio Lower Upper

142 100

141 93.8 74.9 112.3

116 4.1 3.3 4.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.245 ng/ul

RT: 12.528 min Scan# 1622

Delta R.T. -0.000 min

Lab File: BP020812.D

Acq: 06 Jul 2024 08:23

Tgt Ion:216 Resp: 538575

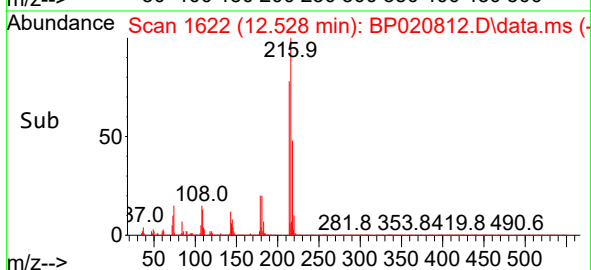
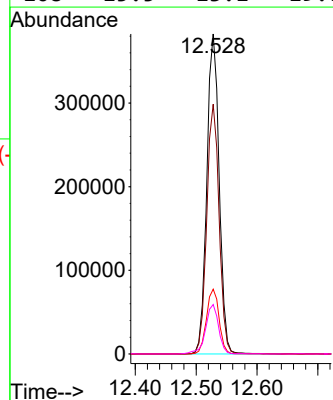
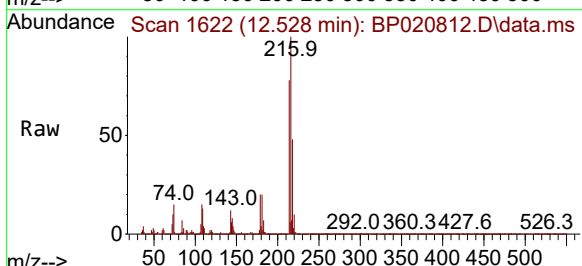
Ion Ratio Lower Upper

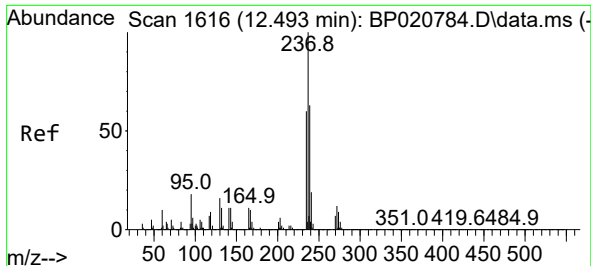
216 100

214 78.0 62.9 94.3

179 20.3 17.5 26.3

108 15.5 13.1 19.7

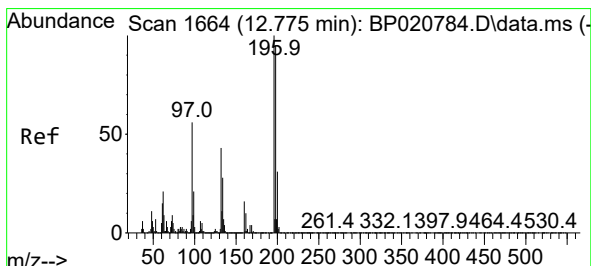
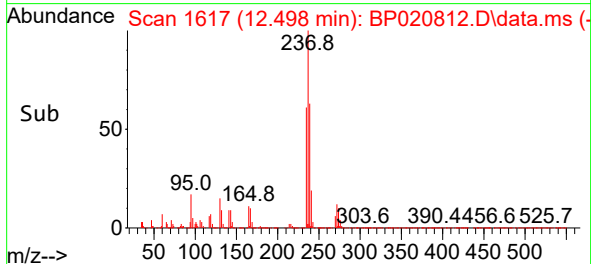
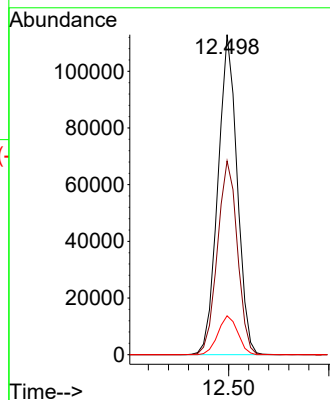
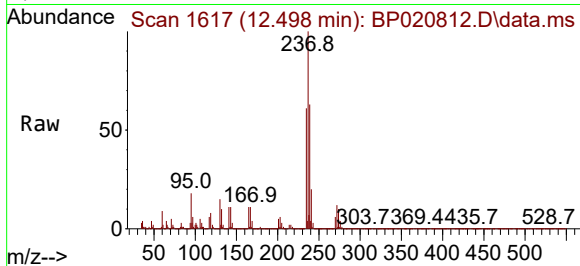




#40
Hexachlorocyclopentadiene
Concen: 14.006 ng/ul
RT: 12.498 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP020812.D
Acq: 06 Jul 2024 08:23

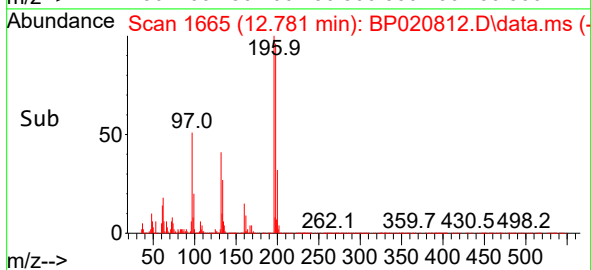
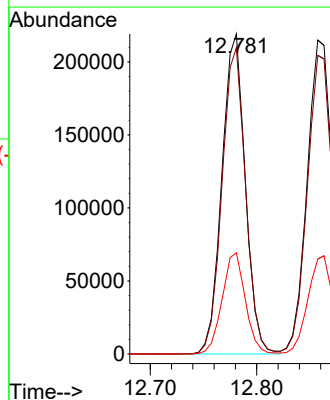
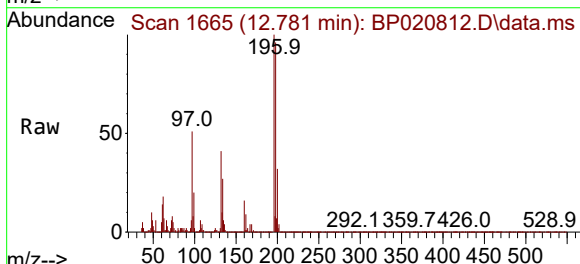
Instrument :
BNA_P
ClientSampleId :
SLCS717

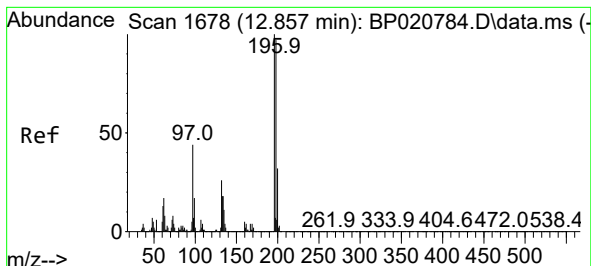
Tgt Ion:237 Resp: 150269
Ion Ratio Lower Upper
237 100
235 60.6 51.1 76.7
272 12.1 10.4 15.6



#41
2,4,6-Trichlorophenol
Concen: 32.544 ng/ul
RT: 12.781 min Scan# 1665
Delta R.T. 0.006 min
Lab File: BP020812.D
Acq: 06 Jul 2024 08:23

Tgt Ion:196 Resp: 334644
Ion Ratio Lower Upper
196 100
198 95.7 77.0 115.4
200 31.7 25.8 38.8





#42

2,4,5-Trichlorophenol

Concen: 34.903 ng/ul

RT: 12.857 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP020812.D

Acq: 06 Jul 2024 08:23

Instrument :

BNA_P

ClientSampleId :

SLCS717

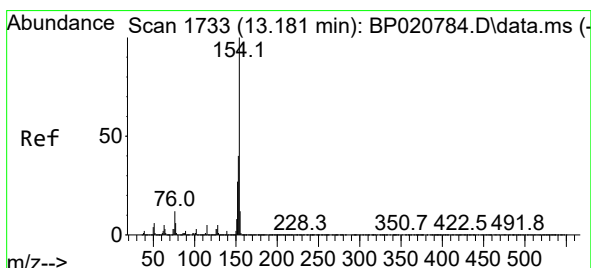
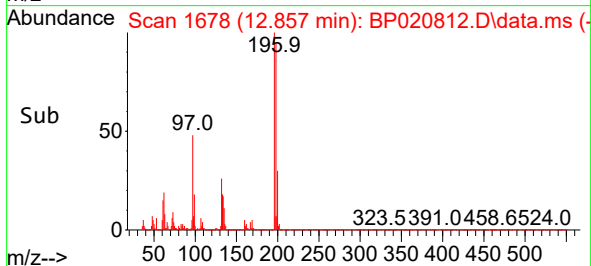
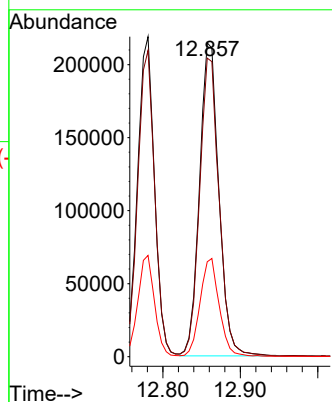
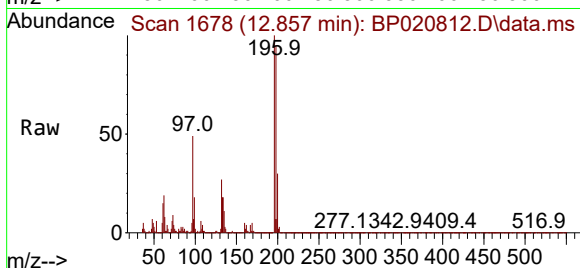
Tgt Ion:196 Resp: 372234

Ion Ratio Lower Upper

196 100

198 95.1 79.5 119.3

200 30.2 25.7 38.5



#43

1,1'-Biphenyl

Concen: 29.513 ng/ul

RT: 13.181 min Scan# 1733

Delta R.T. 0.006 min

Lab File: BP020812.D

Acq: 06 Jul 2024 08:23

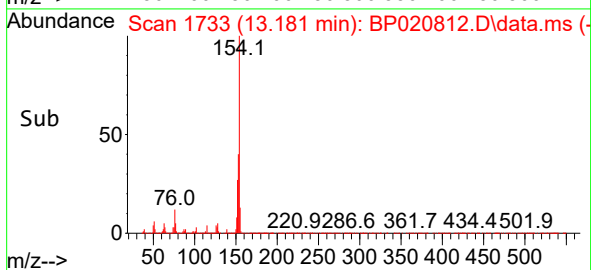
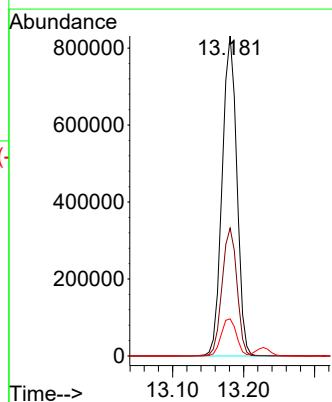
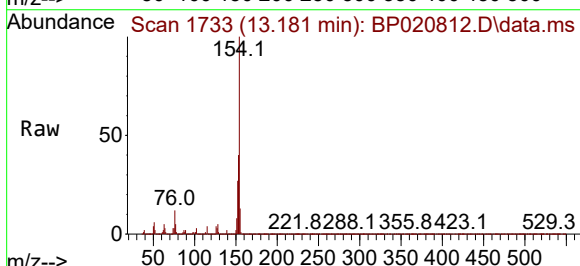
Tgt Ion:154 Resp: 1189967

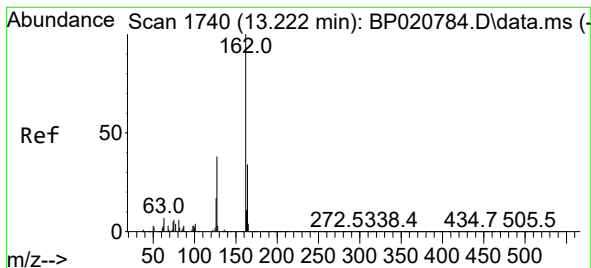
Ion Ratio Lower Upper

154 100

153 40.0 32.6 48.8

76 11.6 10.8 16.2

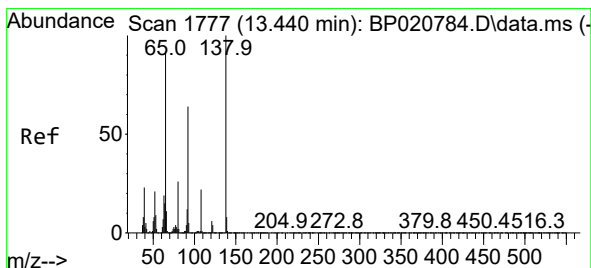
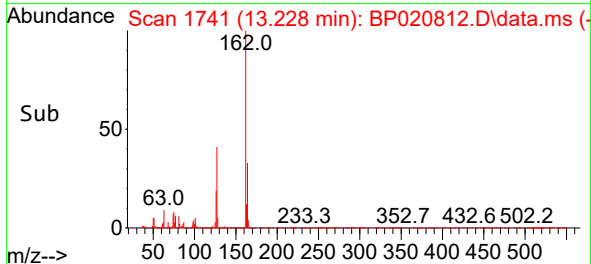
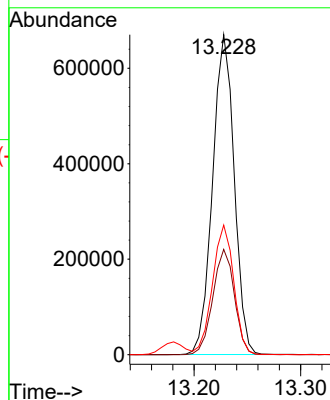
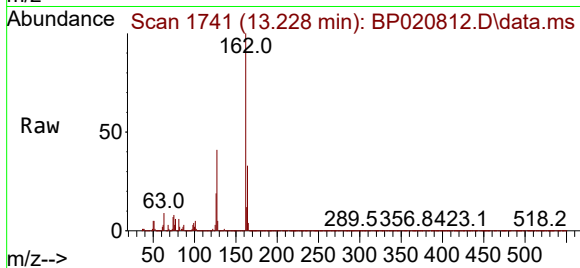




#44
2-Chloronaphthalene
Concen: 29.723 ng/ul
RT: 13.228 min Scan# 1740
Delta R.T. 0.006 min
Lab File: BP020812.D
Acq: 06 Jul 2024 08:23

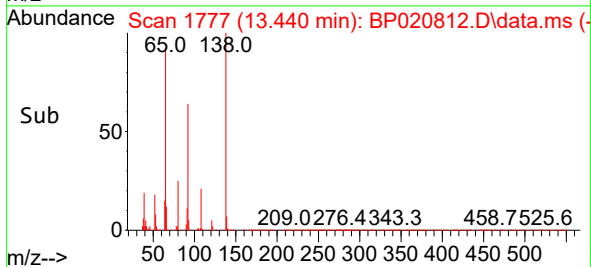
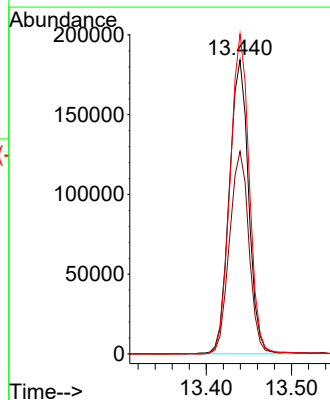
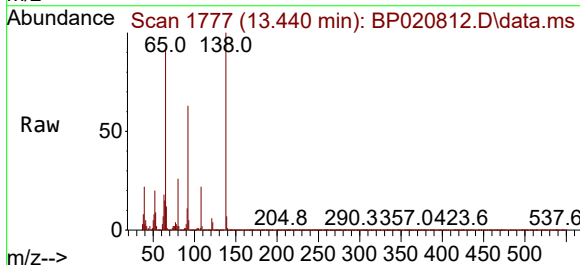
Instrument :
BNA_P
ClientSampleId :
SLCS717

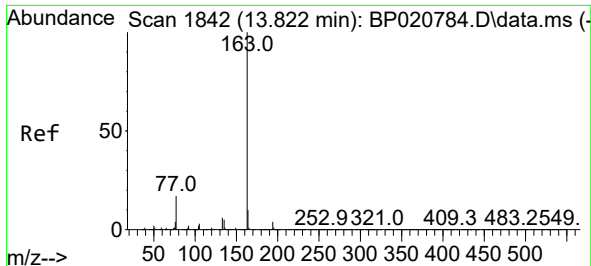
Tgt Ion:162 Resp: 943906
Ion Ratio Lower Upper
162 100
164 32.9 26.5 39.7
127 40.5 32.5 48.7



#45
2-Nitroaniline
Concen: 36.181 ng/ul
RT: 13.440 min Scan# 1777
Delta R.T. 0.006 min
Lab File: BP020812.D
Acq: 06 Jul 2024 08:23

Tgt Ion: 65 Resp: 289406
Ion Ratio Lower Upper
65 100
92 69.0 53.7 80.5
138 108.9 76.4 114.6

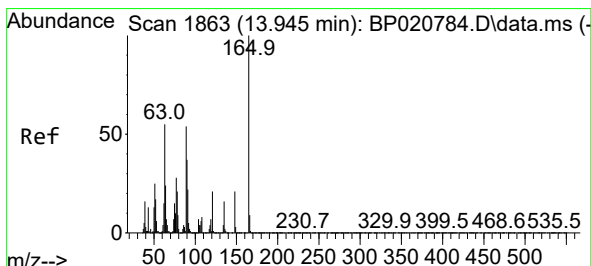
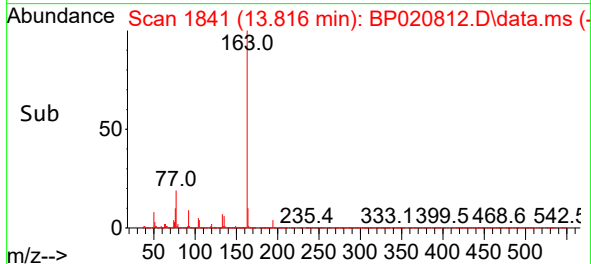
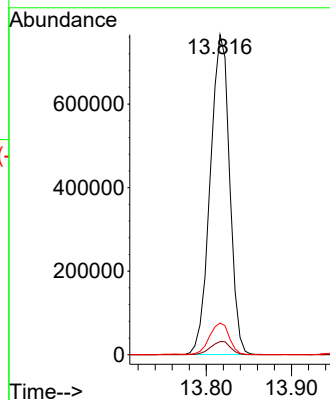
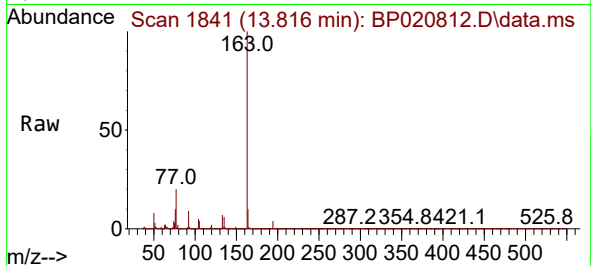




#47
Dimethylphthalate
Concen: 31.625 ng/ul
RT: 13.816 min Scan# 1841
Delta R.T. 0.012 min
Lab File: BP020812.D
Acq: 06 Jul 2024 08:23

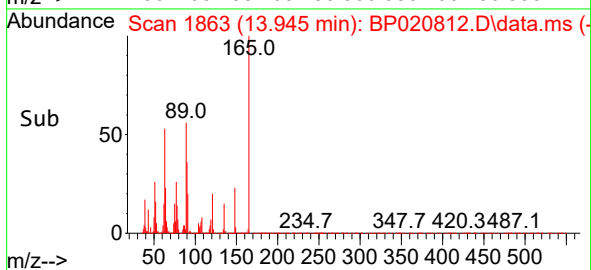
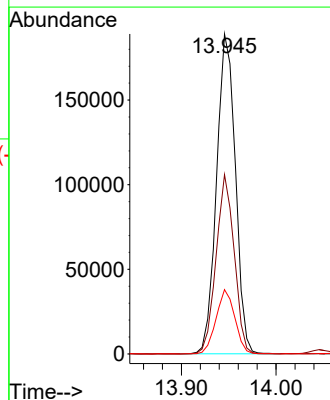
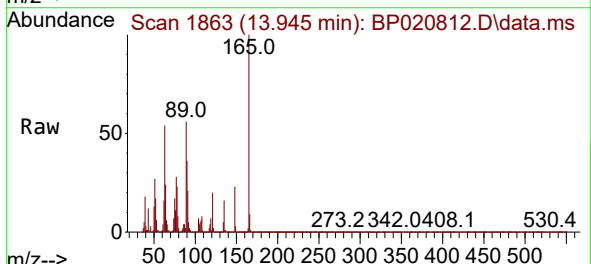
Instrument :
BNA_P
ClientSampleId :
SLCS717

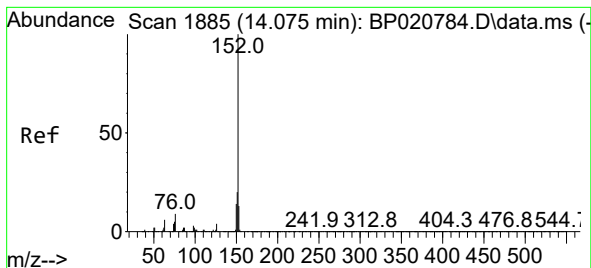
Tgt Ion:163 Resp: 1207592
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 9.9 8.4 12.6



#48
2,6-Dinitrotoluene
Concen: 38.428 ng/ul
RT: 13.945 min Scan# 1863
Delta R.T. 0.006 min
Lab File: BP020812.D
Acq: 06 Jul 2024 08:23

Tgt Ion:165 Resp: 261653
Ion Ratio Lower Upper
165 100
89 56.1 48.7 73.1
121 20.1 17.3 25.9





#50

Acenaphthylene

Concen: 29.755 ng/ul

RT: 14.075 min Scan# 1885

Delta R.T. 0.006 min

Lab File: BP020812.D

Acq: 06 Jul 2024 08:23

Instrument :

BNA_P

ClientSampleId :

SLCS717

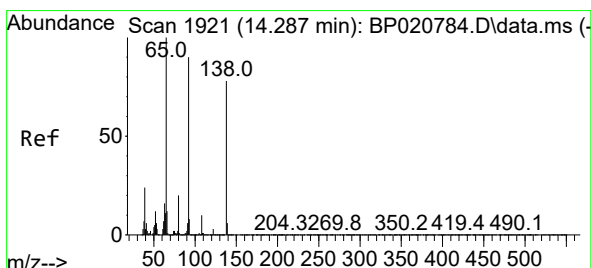
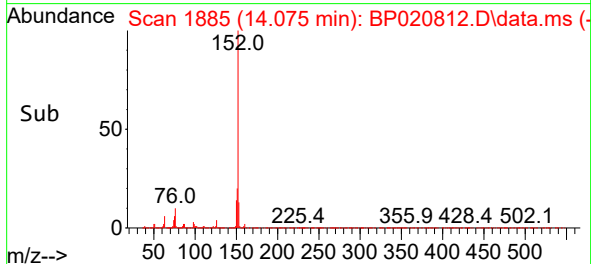
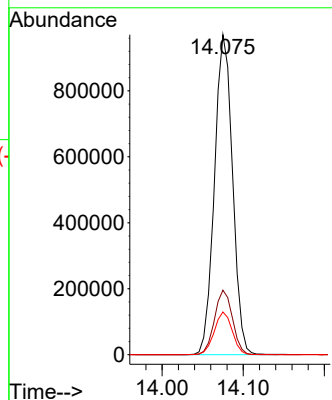
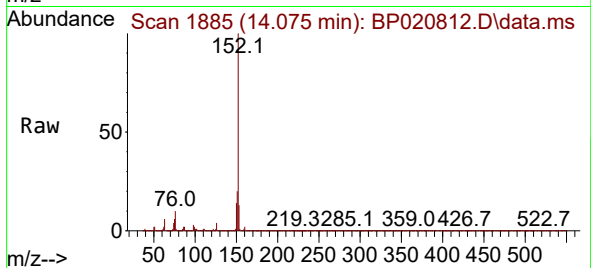
Tgt Ion:152 Resp: 1503376

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

153 13.4 10.8 16.2



#51

3-Nitroaniline

Concen: 42.052 ng/ul

RT: 14.287 min Scan# 1921

Delta R.T. 0.012 min

Lab File: BP020812.D

Acq: 06 Jul 2024 08:23

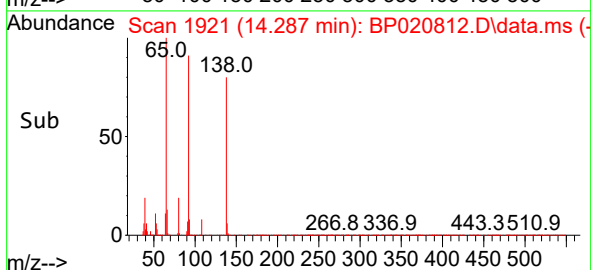
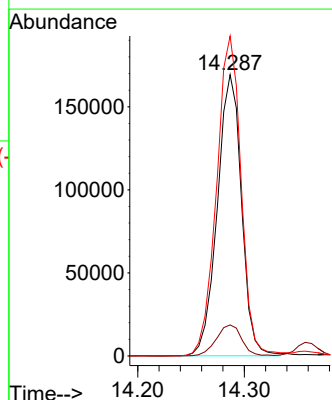
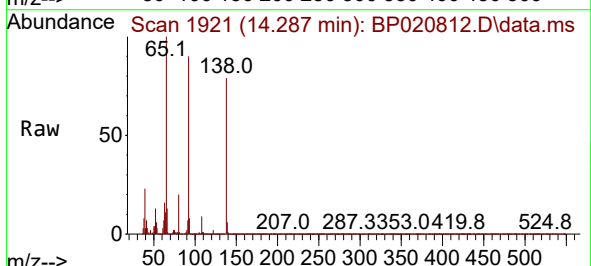
Tgt Ion:138 Resp: 266122

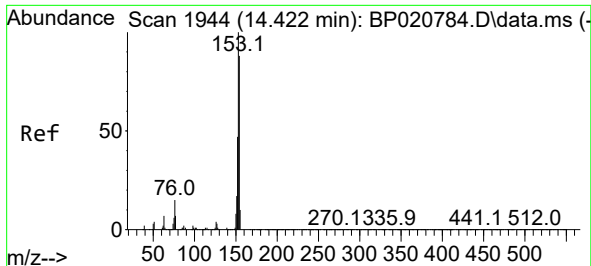
Ion Ratio Lower Upper

138 100

108 11.0 10.8 16.2

92 113.8 98.3 147.5

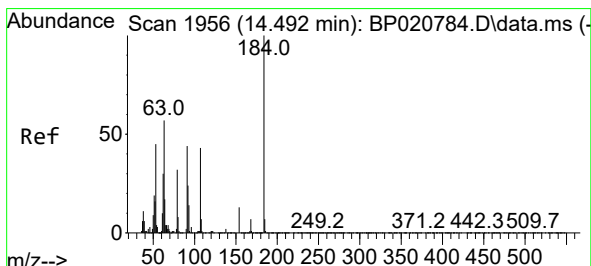
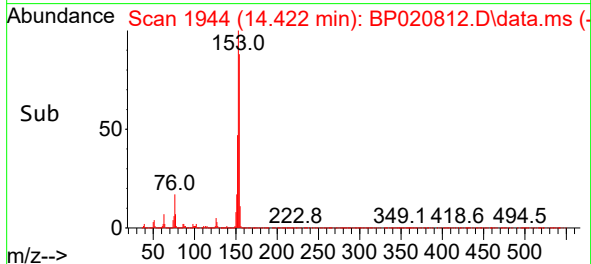
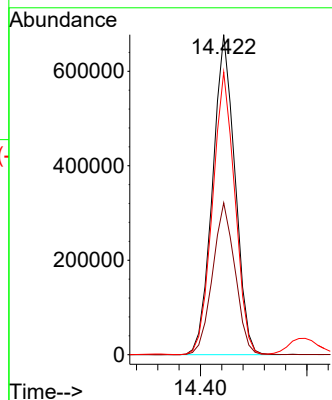
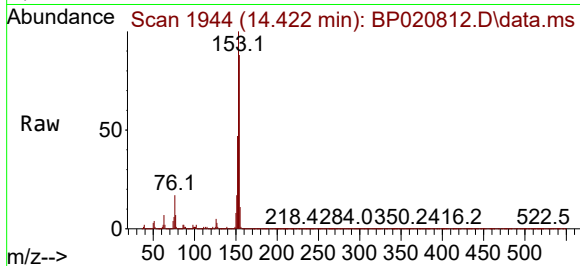




#52
Acenaphthene
Concen: 29.503 ng/ul
RT: 14.422 min Scan# 1944
Delta R.T. 0.006 min
Lab File: BP020812.D
Acq: 06 Jul 2024 08:23

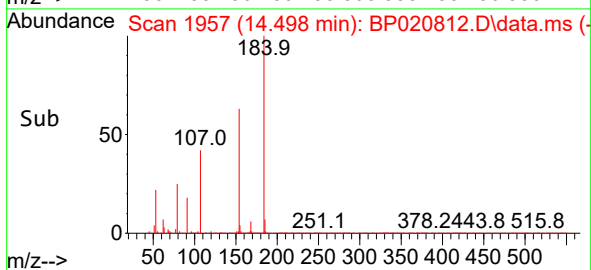
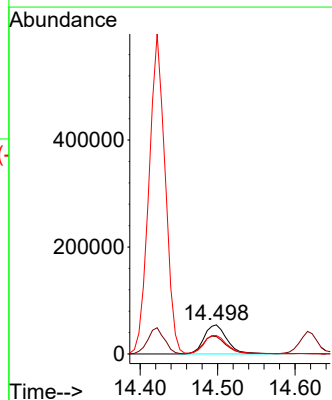
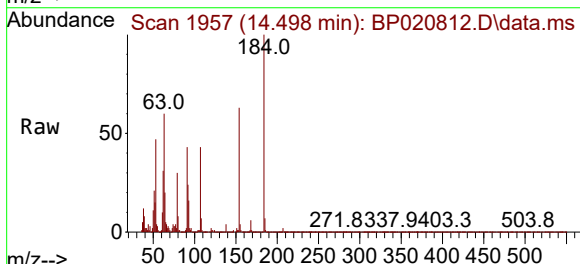
Instrument :
BNA_P
ClientSampleId :
SLCS717

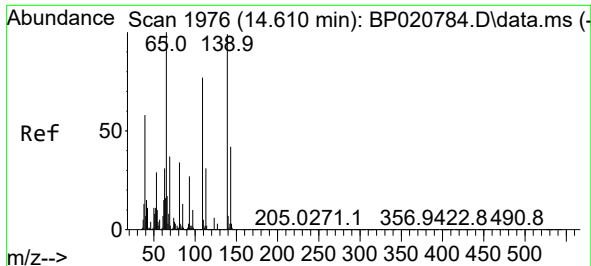
Tgt Ion:153 Resp: 988828
Ion Ratio Lower Upper
153 100
152 47.4 38.2 57.2
154 88.3 69.8 104.6



#53
2,4-Dinitrophenol
Concen: 31.509 ng/ul
RT: 14.498 min Scan# 1957
Delta R.T. 0.018 min
Lab File: BP020812.D
Acq: 06 Jul 2024 08:23

Tgt Ion:184 Resp: 111283
Ion Ratio Lower Upper
184 100
63 59.8 49.5 74.3
154 63.0 51.4 77.0

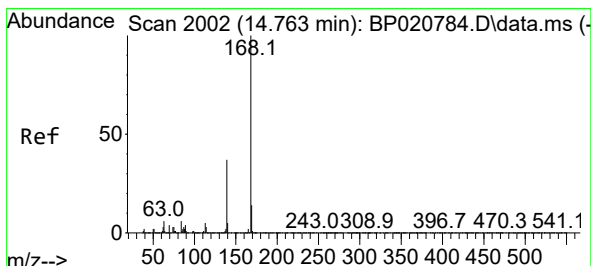
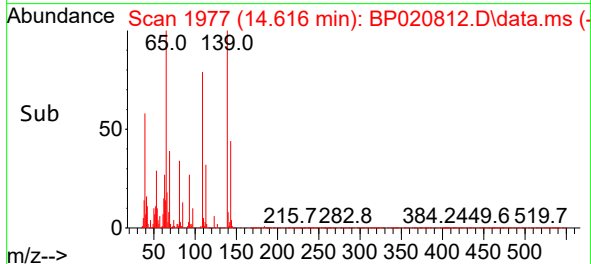
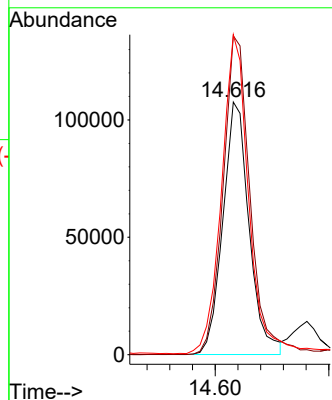
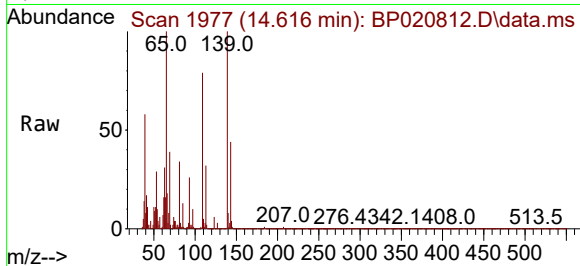




#55
4-Nitrophenol
Concen: 33.715 ng/ul
RT: 14.616 min Scan# 1976
Delta R.T. 0.018 min
Lab File: BP020812.D
Acq: 06 Jul 2024 08:23

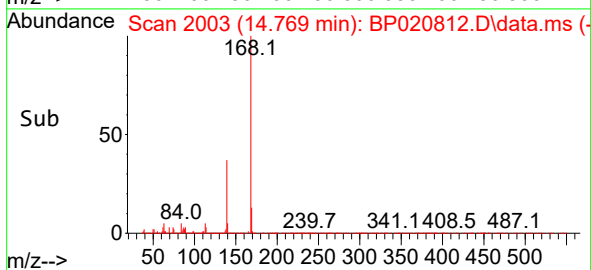
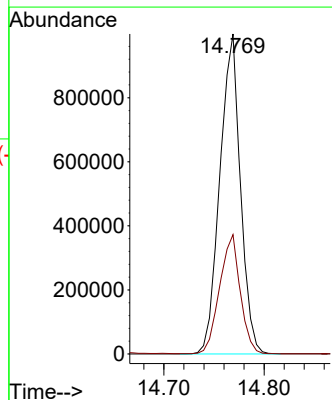
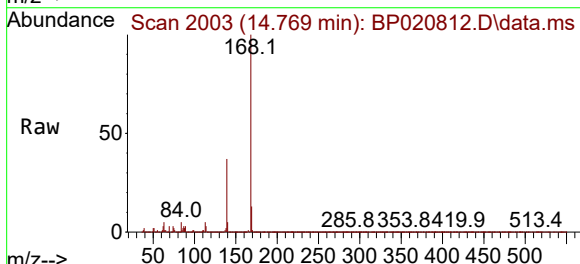
Instrument :
BNA_P
ClientSampleId :
SLCS717

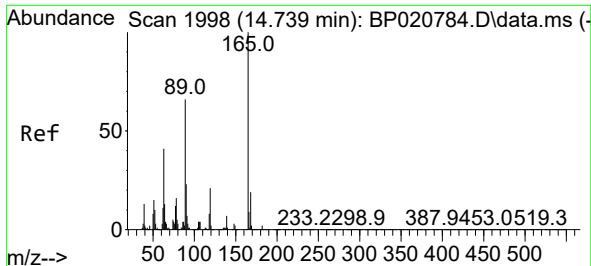
Tgt Ion:109 Resp: 172804
Ion Ratio Lower Upper
109 100
139 126.3 97.4 146.2
65 126.7 98.2 147.4



#56
Dibenzofuran
Concen: 31.461 ng/ul
RT: 14.769 min Scan# 2003
Delta R.T. 0.006 min
Lab File: BP020812.D
Acq: 06 Jul 2024 08:23

Tgt Ion:168 Resp: 1420916
Ion Ratio Lower Upper
168 100
139 37.3 30.7 46.1

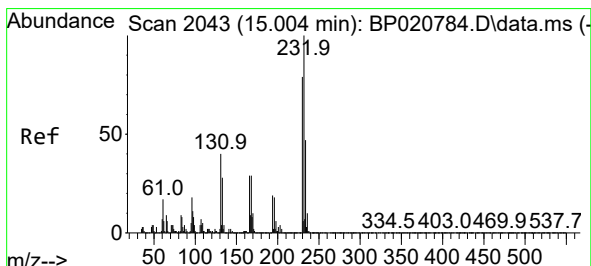
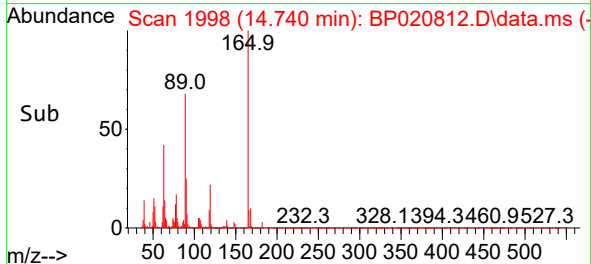
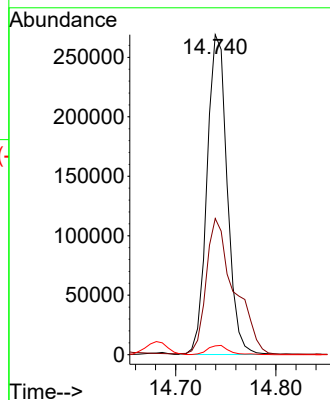
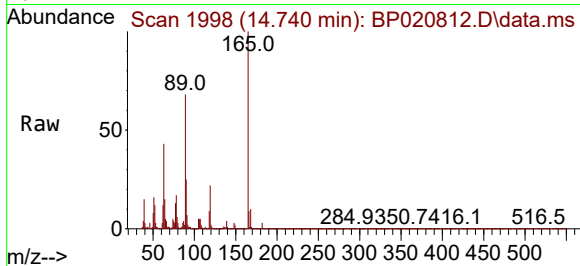




#57
2,4-Dinitrotoluene
Concen: 40.109 ng/ul
RT: 14.740 min Scan# 1998
Delta R.T. 0.006 min
Lab File: BP020812.D
Acq: 06 Jul 2024 08:23

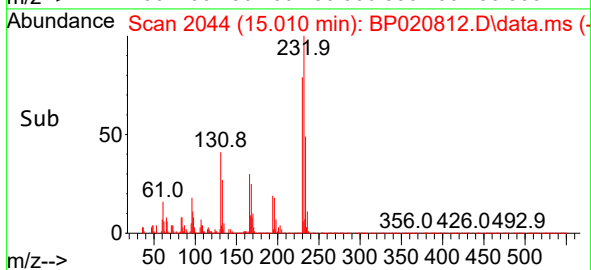
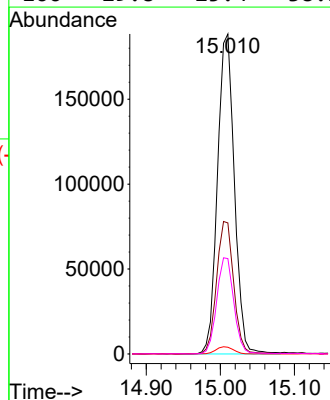
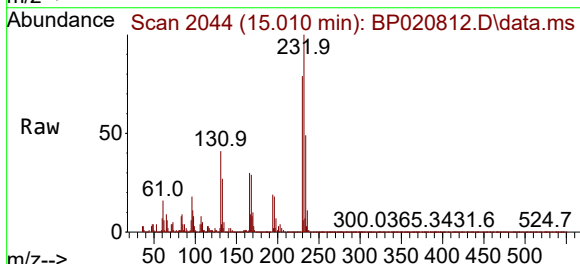
Instrument :
BNA_P
ClientSampleId :
SLCS717

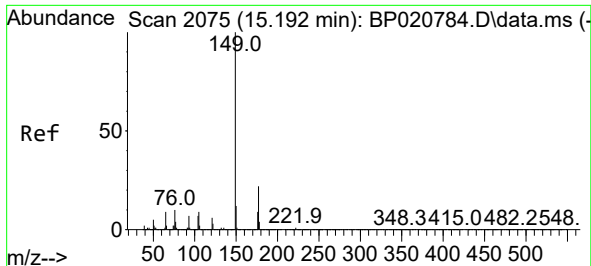
Tgt Ion:165 Resp: 376970
Ion Ratio Lower Upper
165 100
63 42.5 38.3 57.5
182 2.8 2.0 3.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 33.920 ng/ul
RT: 15.010 min Scan# 2044
Delta R.T. 0.012 min
Lab File: BP020812.D
Acq: 06 Jul 2024 08:23

Tgt Ion:232 Resp: 298784
Ion Ratio Lower Upper
232 100
131 41.0 37.3 55.9
130 2.1 2.2 3.2#
166 29.8 25.4 38.2

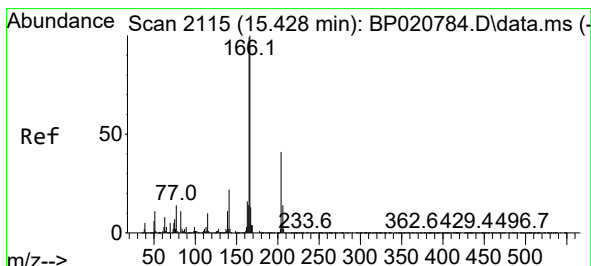
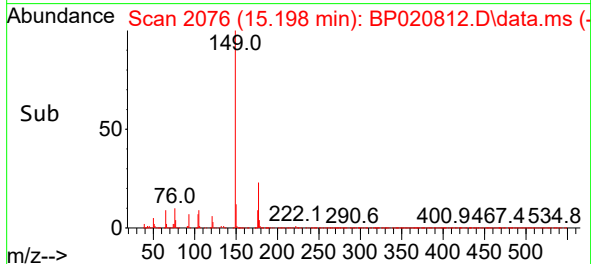
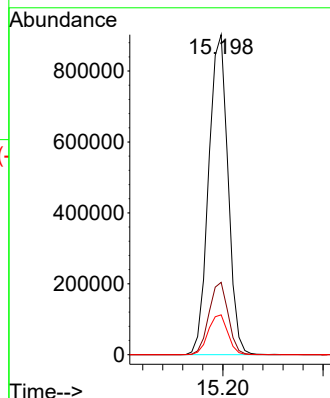
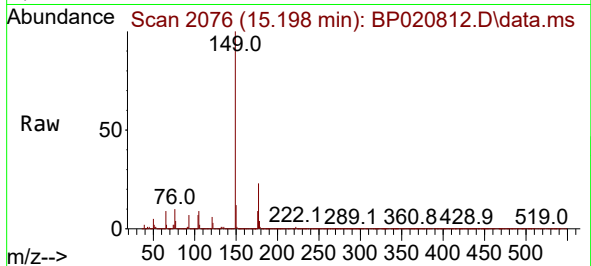




#59
Diethylphthalate
Concen: 32.088 ng/ul
RT: 15.198 min Scan# 2075
Delta R.T. 0.012 min
Lab File: BP020812.D
Acq: 06 Jul 2024 08:23

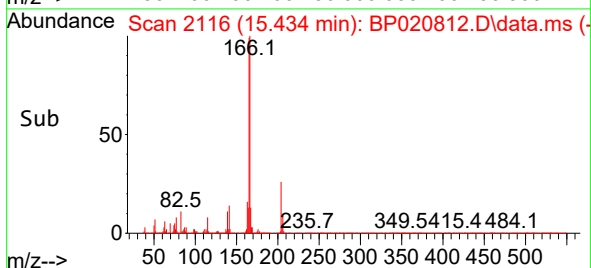
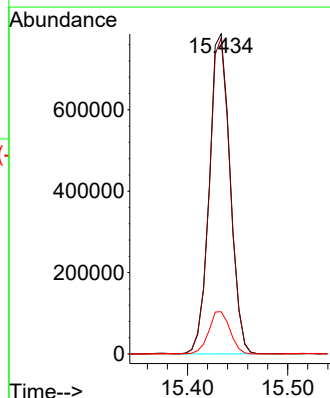
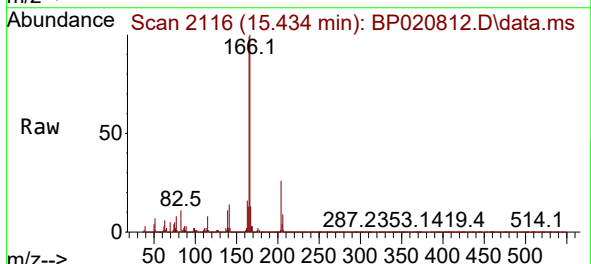
Instrument :
BNA_P
ClientSampleId :
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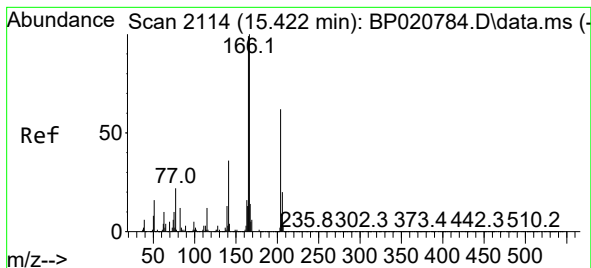
Tgt Ion:149 Resp: 1208606
Ion Ratio Lower Upper
149 100
177 22.6 17.2 25.8
150 12.5 10.2 15.4



#61
Fluorene
Concen: 31.305 ng/ul
RT: 15.434 min Scan# 2116
Delta R.T. 0.012 min
Lab File: BP020812.D
Acq: 06 Jul 2024 08:23

Tgt Ion:166 Resp: 1135975
Ion Ratio Lower Upper
166 100
165 98.7 78.8 118.2
167 13.2 11.2 16.8

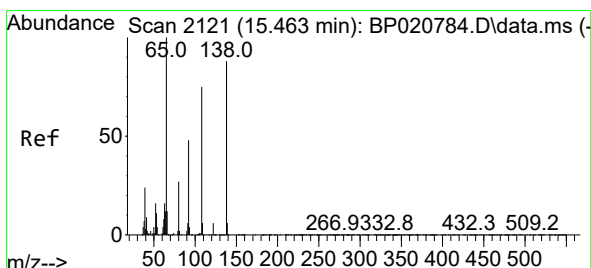
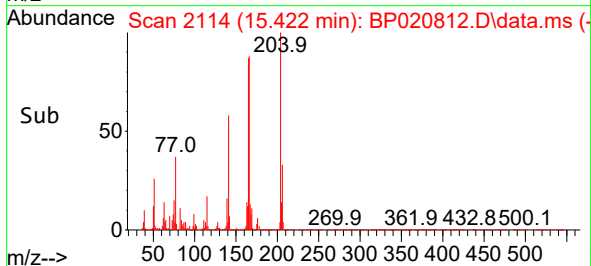
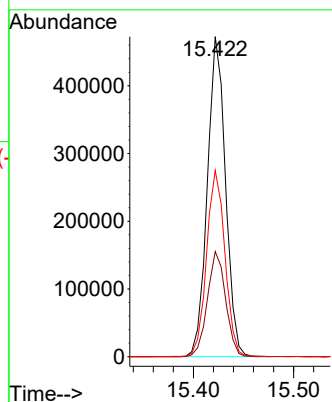
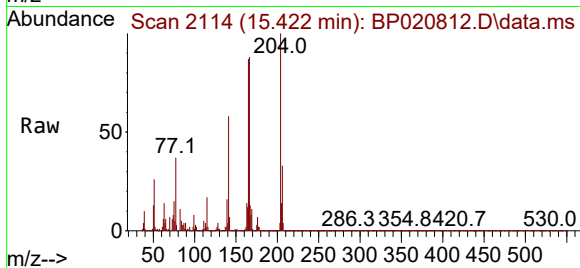




#62
4-Chlorophenyl-phenylether
Concen: 31.449 ng/ul
RT: 15.422 min Scan# 2114
Delta R.T. 0.006 min
Lab File: BP020812.D
Acq: 06 Jul 2024 08:23

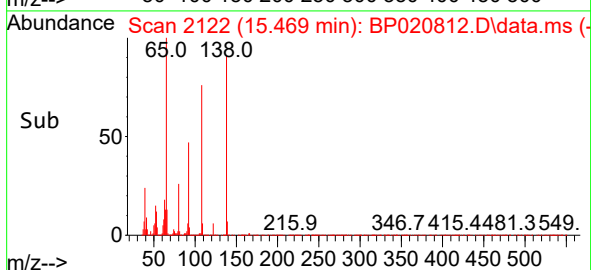
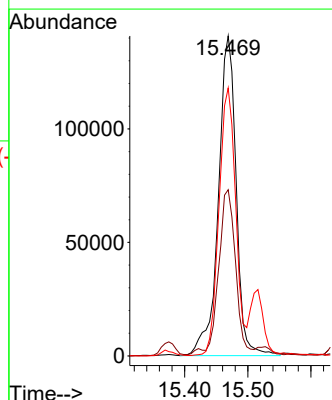
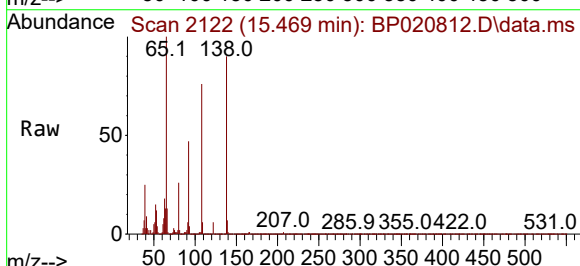
Instrument :
BNA_P
ClientSampleId :
SLCS717

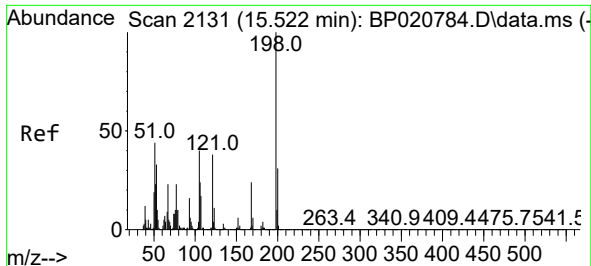
Tgt Ion:204 Resp: 595529
Ion Ratio Lower Upper
204 100
206 32.8 26.0 39.0
141 58.2 49.0 73.4



#63
4-Nitroaniline
Concen: 46.009 ng/ul
RT: 15.469 min Scan# 2122
Delta R.T. 0.024 min
Lab File: BP020812.D
Acq: 06 Jul 2024 08:23

Tgt Ion:138 Resp: 276327
Ion Ratio Lower Upper
138 100
92 52.0 43.7 65.5
108 83.7 73.1 109.7

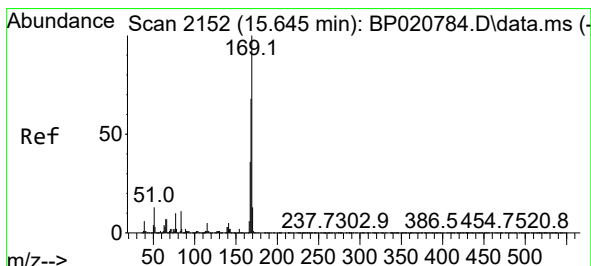
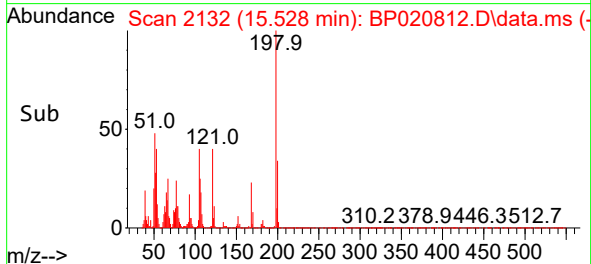
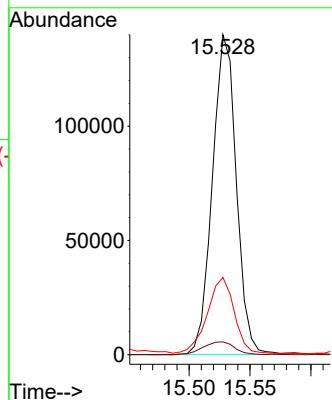
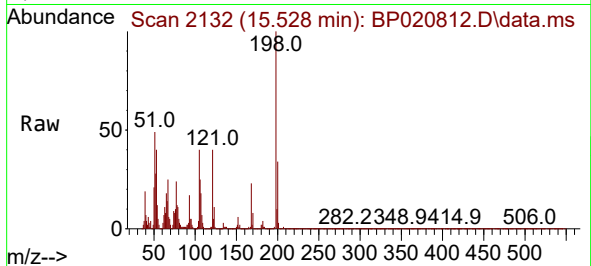




#66
4,6-Dinitro-2-methylphenol
Concen: 31.023 ng/ul
RT: 15.528 min Scan# 2131
Delta R.T. 0.012 min
Lab File: BP020812.D
Acq: 06 Jul 2024 08:23

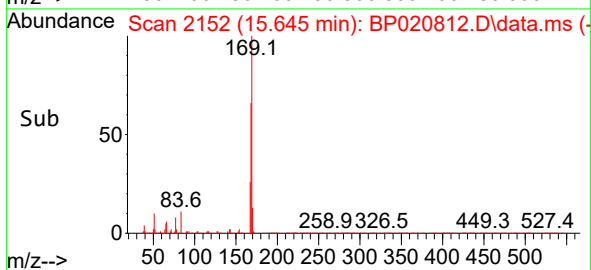
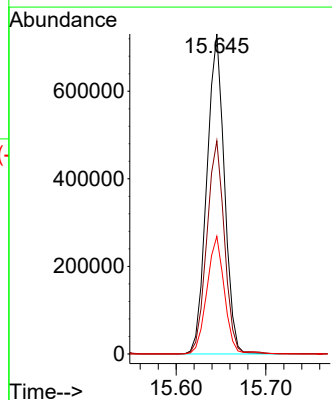
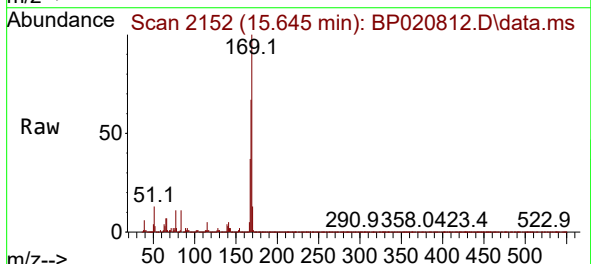
Instrument :
BNA_P
ClientSampleId :
SLCS717

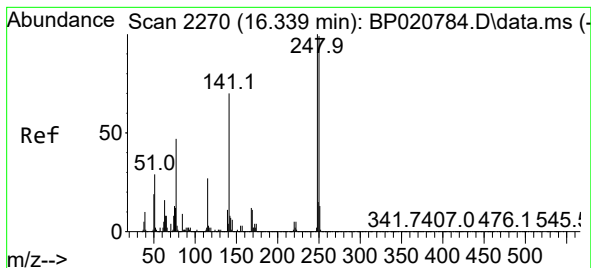
Tgt Ion:198 Resp: 190812
Ion Ratio Lower Upper
198 100
182 4.0 3.9 5.9
77 24.2 23.0 34.6



#67
N-Nitrosodiphenylamine
Concen: 29.563 ng/ul
RT: 15.645 min Scan# 2152
Delta R.T. 0.006 min
Lab File: BP020812.D
Acq: 06 Jul 2024 08:23

Tgt Ion:169 Resp: 993349
Ion Ratio Lower Upper
169 100
168 66.6 52.7 79.1
167 36.7 28.2 42.4

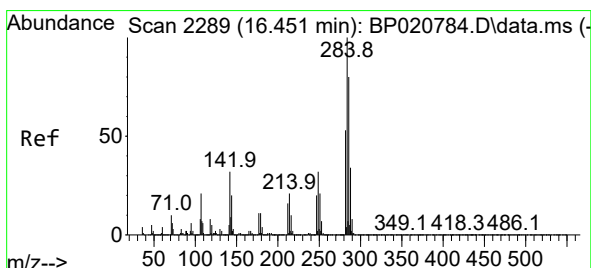
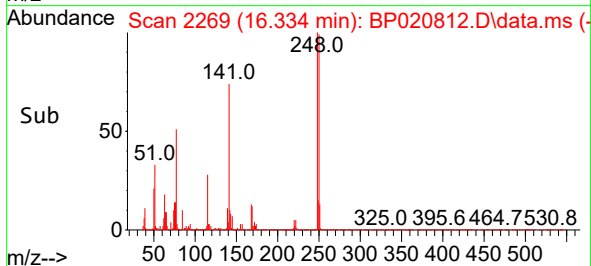
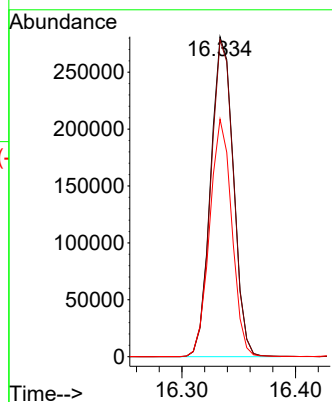
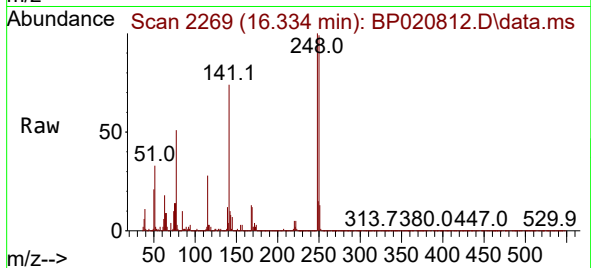




#68
4-Bromophenyl-phenylether
Concen: 30.857 ng/ul
RT: 16.334 min Scan# 2269
Delta R.T. 0.006 min
Lab File: BP020812.D
Acq: 06 Jul 2024 08:23

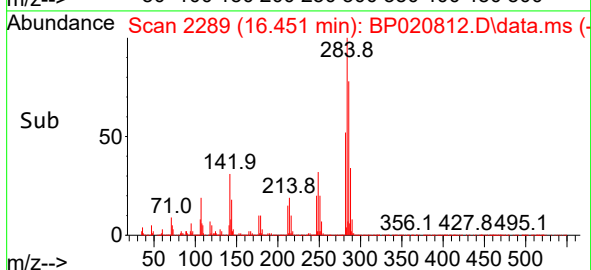
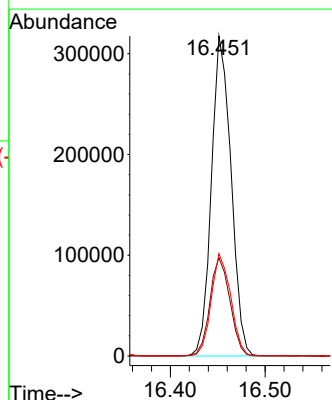
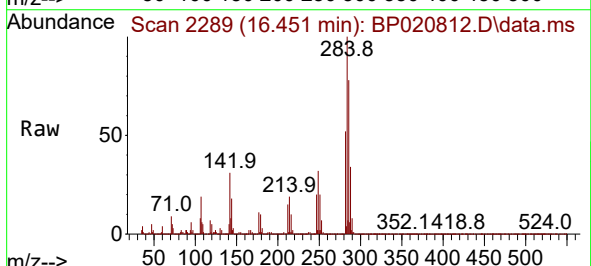
Instrument :
BNA_P
ClientSampleId :
SLCS717

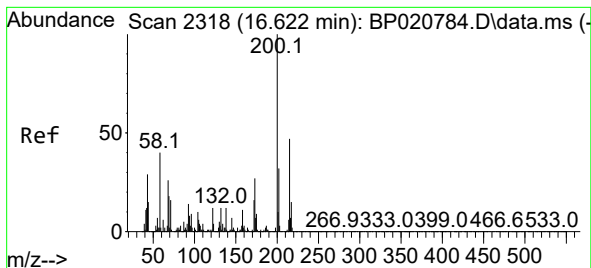
Tgt Ion:248 Resp: 392148
Ion Ratio Lower Upper
248 100
250 99.0 78.4 117.6
141 74.2 63.0 94.4



#69
Hexachlorobenzene
Concen: 32.201 ng/ul
RT: 16.451 min Scan# 2289
Delta R.T. 0.006 min
Lab File: BP020812.D
Acq: 06 Jul 2024 08:23

Tgt Ion:284 Resp: 458111
Ion Ratio Lower Upper
284 100
142 30.6 29.6 44.4
249 31.9 26.5 39.7





#70

Atrazine

Concen: 16.132 ng/ul

RT: 16.628 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP020812.D

Acq: 06 Jul 2024 08:23

Instrument :

BNA_P

ClientSampleId :

SLCS717

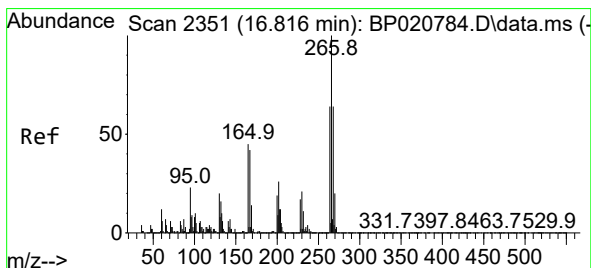
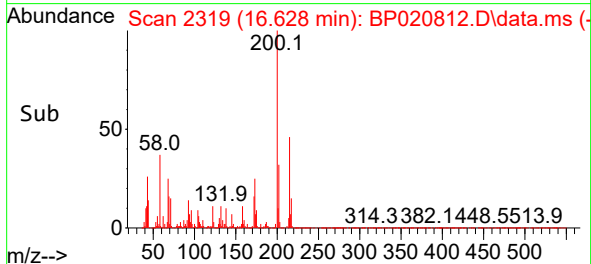
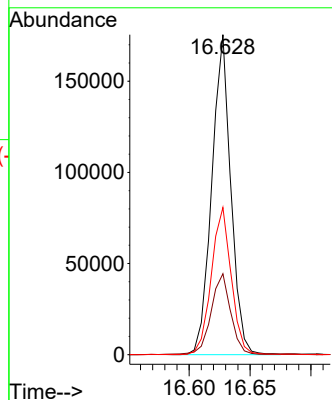
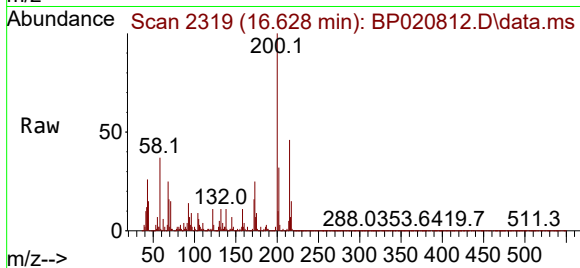
Tgt Ion:200 Resp: 191086

Ion Ratio Lower Upper

200 100

173 25.3 21.2 31.8

215 46.0 39.0 58.4



#71

Pentachlorophenol

Concen: 29.892 ng/ul

RT: 16.822 min Scan# 2352

Delta R.T. 0.018 min

Lab File: BP020812.D

Acq: 06 Jul 2024 08:23

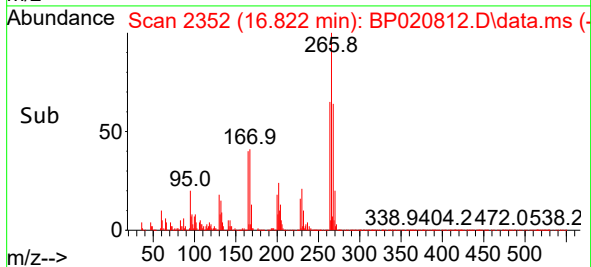
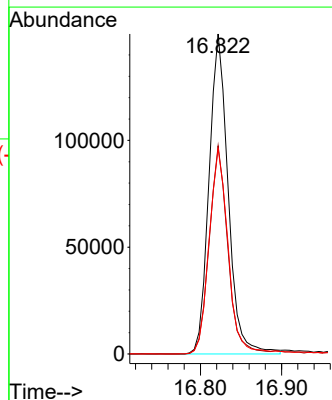
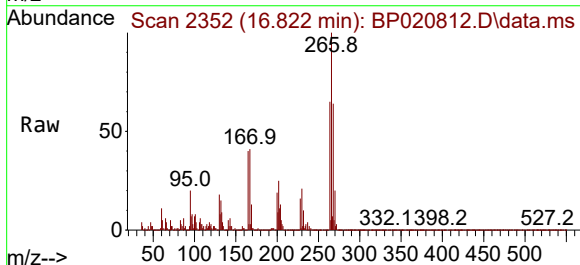
Tgt Ion:266 Resp: 244832

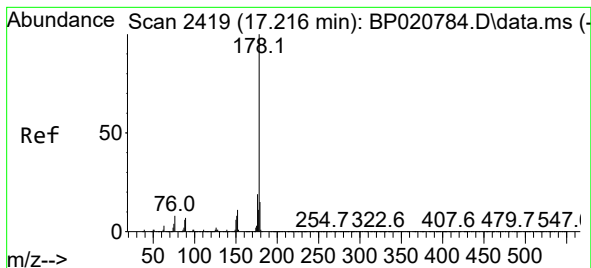
Ion Ratio Lower Upper

266 100

264 65.1 48.1 72.1

268 64.2 49.8 74.8





#72

Phenanthrene

Concen: 30.604 ng/ul

RT: 17.216 min Scan# 2419

Delta R.T. 0.012 min

Lab File: BP020812.D

Acq: 06 Jul 2024 08:23

Instrument :

BNA_P

ClientSampleId :

SLCS717

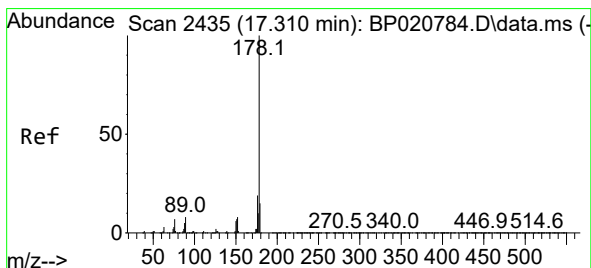
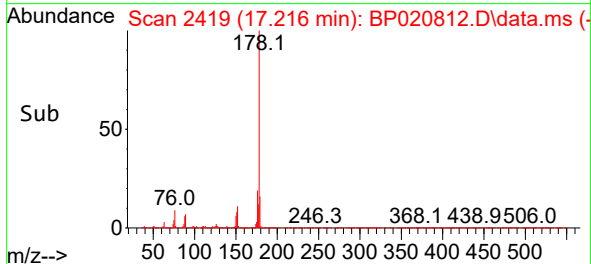
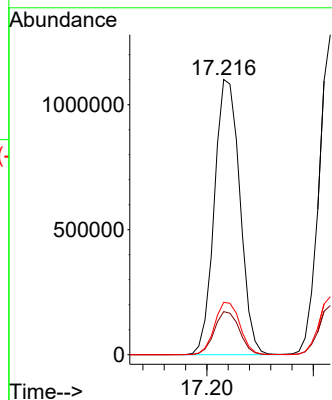
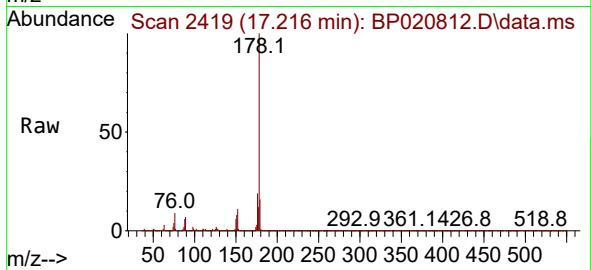
Tgt Ion:178 Resp: 1825930

Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

176 19.0 15.4 23.2



#74

Anthracene

Concen: 29.429 ng/ul

RT: 17.316 min Scan# 2436

Delta R.T. 0.018 min

Lab File: BP020812.D

Acq: 06 Jul 2024 08:23

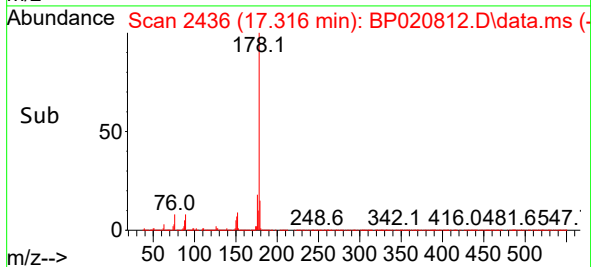
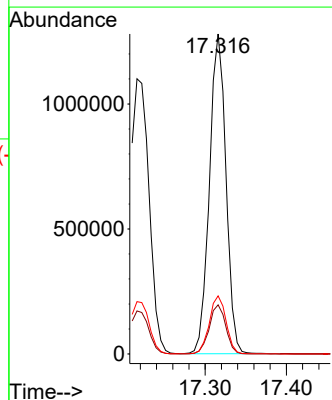
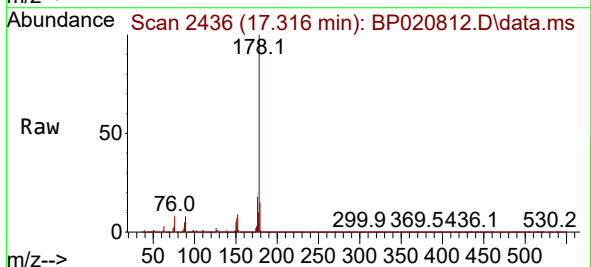
Tgt Ion:178 Resp: 1806112

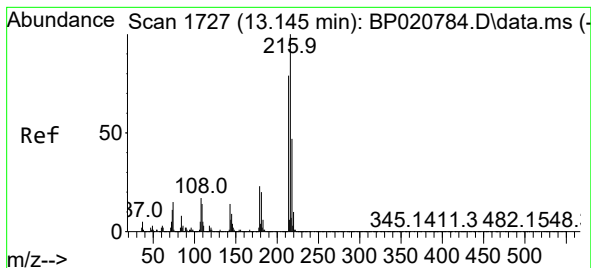
Ion Ratio Lower Upper

178 100

179 15.4 12.1 18.1

176 18.2 15.0 22.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 28.466 ng/uL

RT: 13.146 min Scan# 1727

Delta R.T. 0.006 min

Lab File: BP020812.D

Acq: 06 Jul 2024 08:23

Instrument :

BNA_P

ClientSampleId :

SLCS717

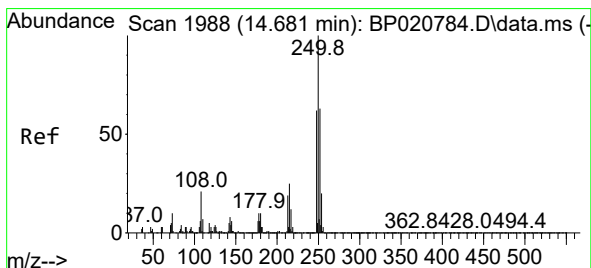
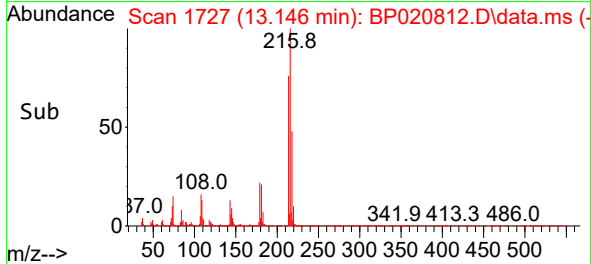
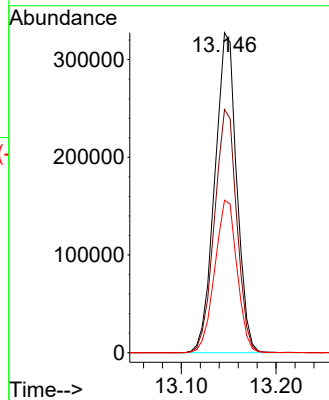
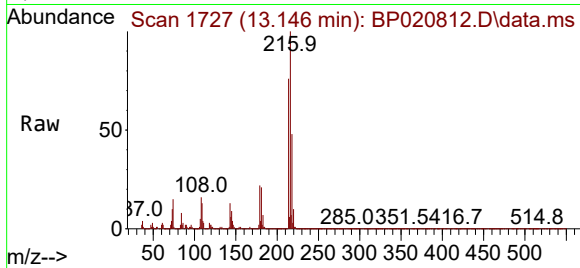
Tgt Ion:216 Resp: 526480

Ion Ratio Lower Upper

216 100

214 76.0 61.1 91.7

218 47.7 38.0 57.0



#76

Pentachlorobenzene

Concen: 30.061 ng/uL

RT: 14.681 min Scan# 1988

Delta R.T. 0.006 min

Lab File: BP020812.D

Acq: 06 Jul 2024 08:23

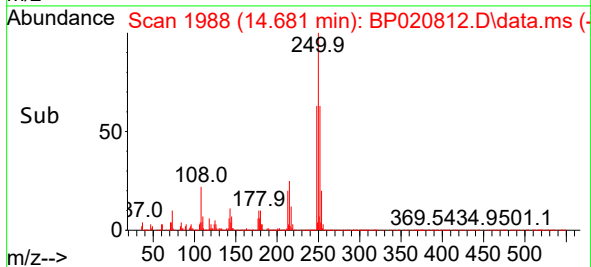
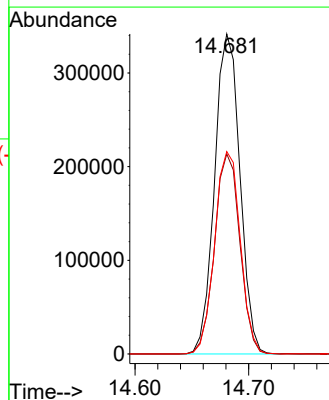
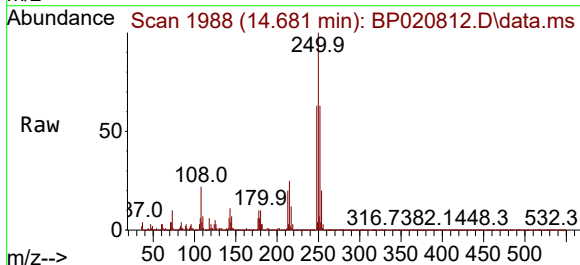
Tgt Ion:250 Resp: 529888

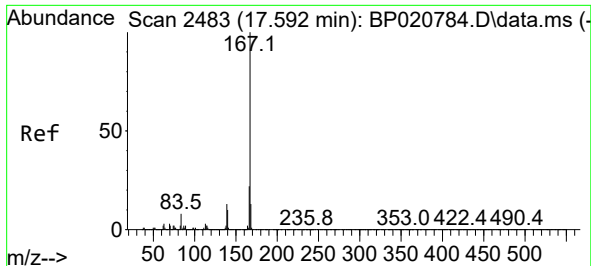
Ion Ratio Lower Upper

250 100

248 62.5 50.6 75.8

252 63.3 51.8 77.8

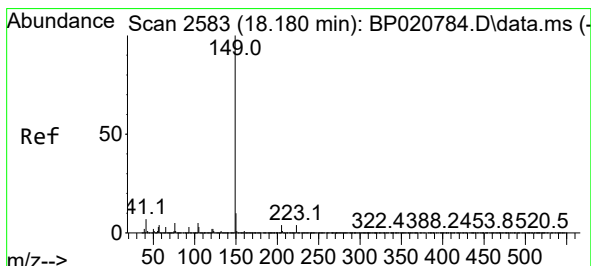
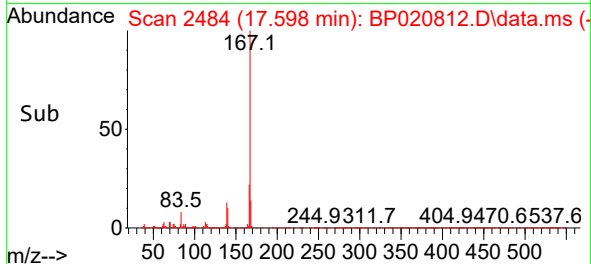
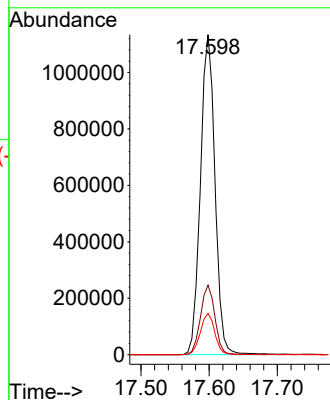
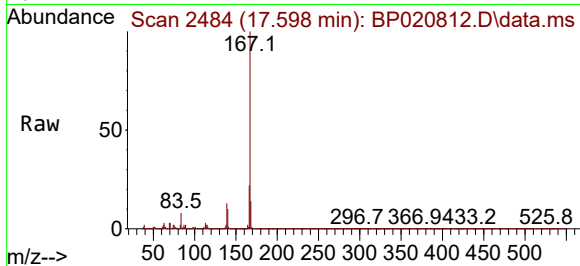




#77
Carbazole
Concen: 33.246 ng/ul
RT: 17.598 min Scan# 2484
Delta R.T. 0.012 min
Lab File: BP020812.D
Acq: 06 Jul 2024 08:23

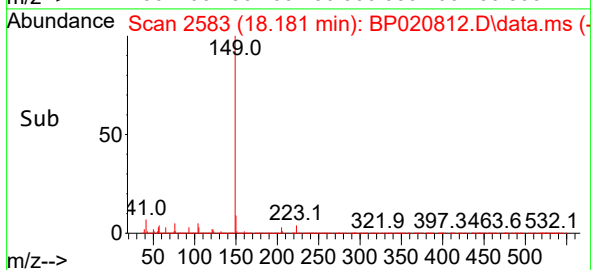
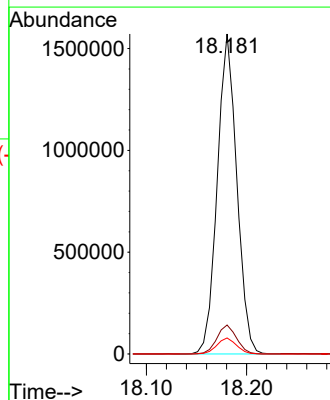
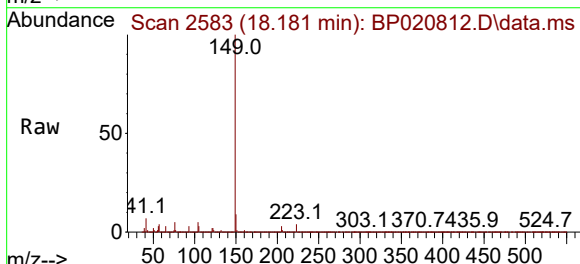
Instrument :
BNA_P
ClientSampleId :
SLCS717

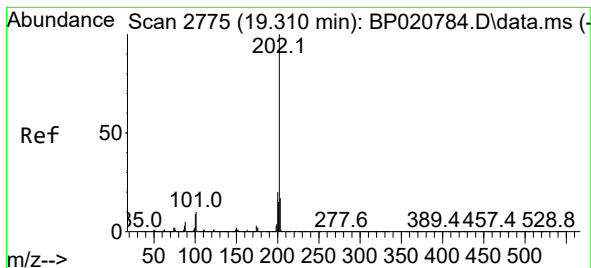
Tgt Ion:167 Resp: 1683893
Ion Ratio Lower Upper
167 100
166 21.7 17.2 25.8
139 12.9 10.6 16.0



#78
Di-n-butylphthalate
Concen: 32.256 ng/ul
RT: 18.181 min Scan# 2583
Delta R.T. 0.012 min
Lab File: BP020812.D
Acq: 06 Jul 2024 08:23

Tgt Ion:149 Resp: 2121926
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 5.0 4.1 6.1





#80

Fluoranthene

Concen: 29.400 ng/ul

RT: 19.310 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP020812.D

Acq: 06 Jul 2024 08:23

Instrument :

BNA_P

ClientSampleId :

SLCS717

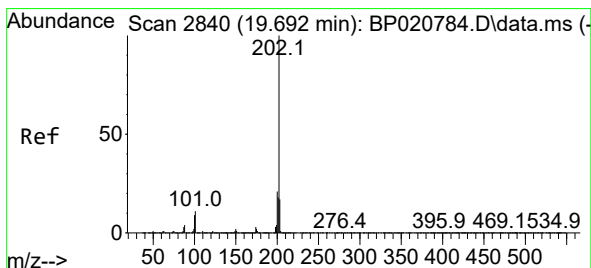
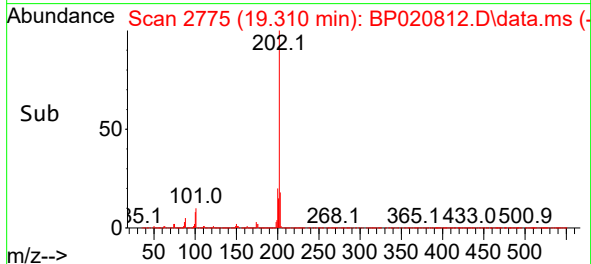
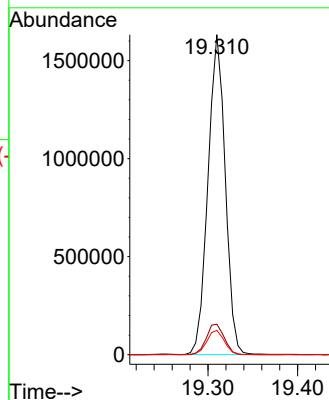
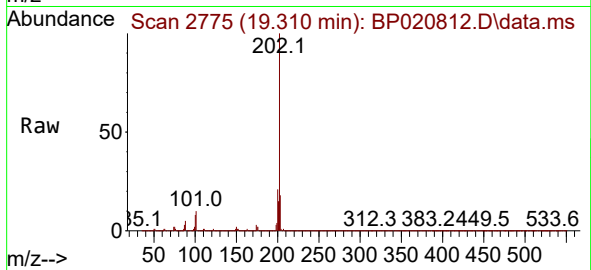
Tgt Ion:202 Resp: 2180459

Ion Ratio Lower Upper

202 100

101 9.5 8.2 12.4

100 7.6 6.6 10.0



#82

Pyrene

Concen: 29.561 ng/ul

RT: 19.692 min Scan# 2840

Delta R.T. 0.012 min

Lab File: BP020812.D

Acq: 06 Jul 2024 08:23

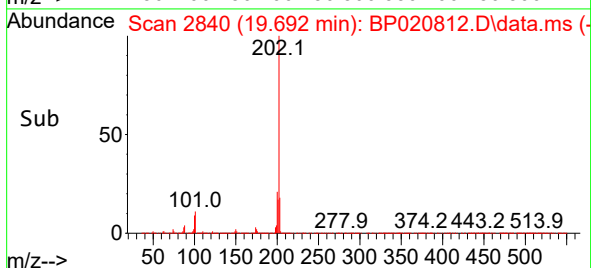
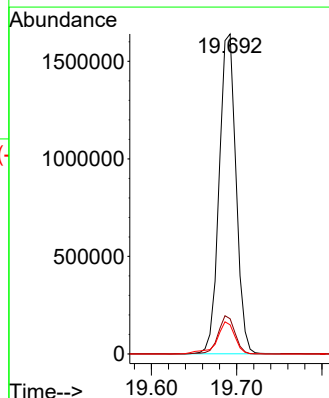
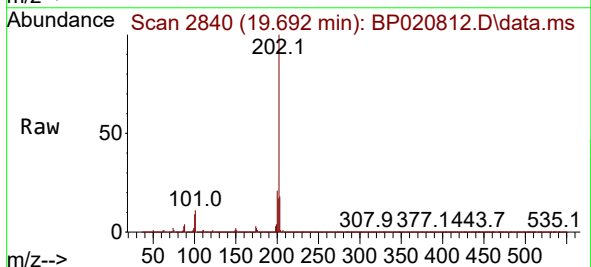
Tgt Ion:202 Resp: 2248466

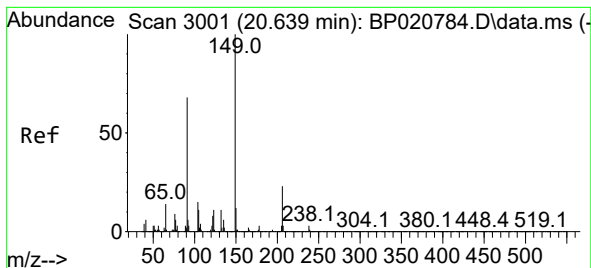
Ion Ratio Lower Upper

202 100

101 11.0 9.8 14.8

100 9.1 7.9 11.9





#83

Butylbenzylphthalate

Concen: 34.200 ng/ul

RT: 20.639 min Scan# 3001

Delta R.T. -0.000 min

Lab File: BP020812.D

Acq: 06 Jul 2024 08:23

Instrument :

BNA_P

ClientSampleId :

SLCS717

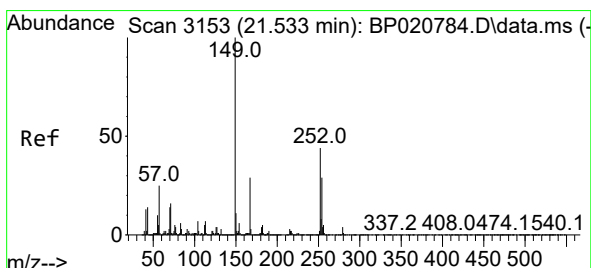
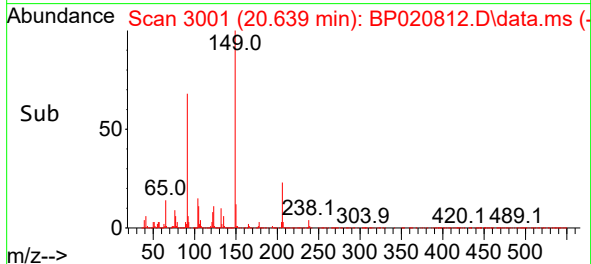
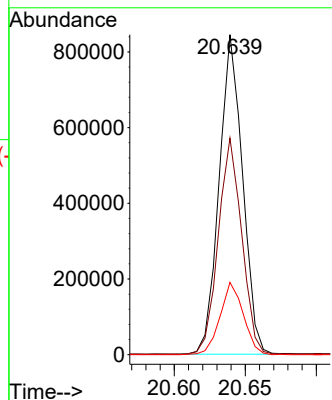
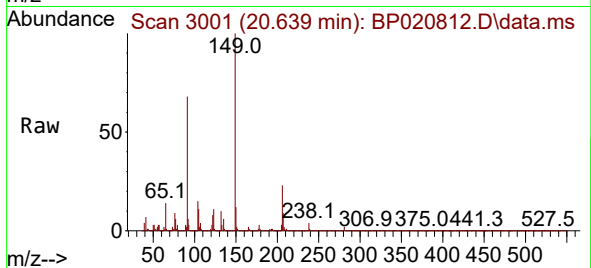
Tgt Ion:149 Resp: 965951

Ion Ratio Lower Upper

149 100

91 67.6 58.0 87.0

206 22.6 17.3 25.9



#84

3,3'-Dichlorobenzidine

Concen: 31.896 ng/ul

RT: 21.533 min Scan# 3153

Delta R.T. 0.006 min

Lab File: BP020812.D

Acq: 06 Jul 2024 08:23

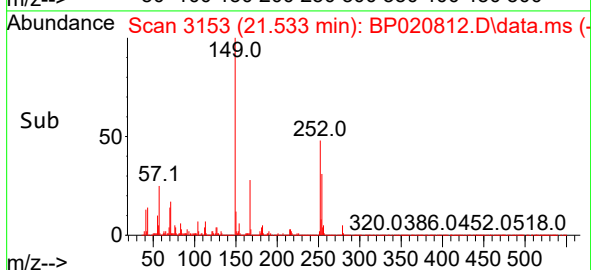
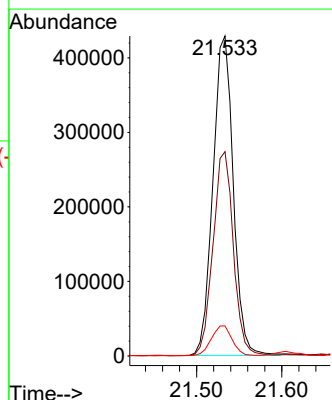
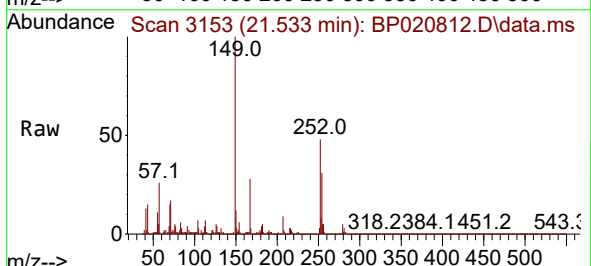
Tgt Ion:252 Resp: 712738

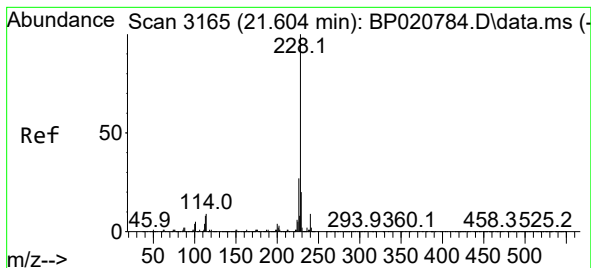
Ion Ratio Lower Upper

252 100

254 63.9 53.0 79.6

126 9.4 8.5 12.7





#85

Benzo(a)anthracene

Concen: 30.892 ng/ul

RT: 21.604 min Scan# 3165

Delta R.T. 0.006 min

Lab File: BP020812.D

Acq: 06 Jul 2024 08:23

Instrument :

BNA_P

ClientSampleId :

SLCS717

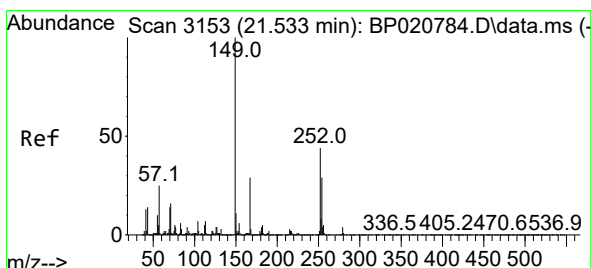
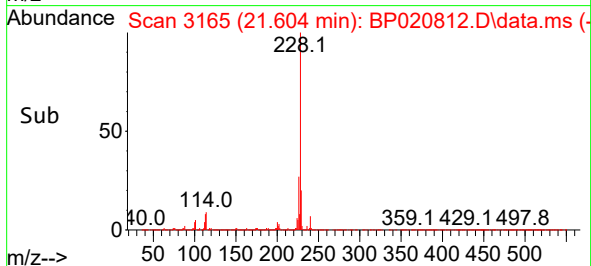
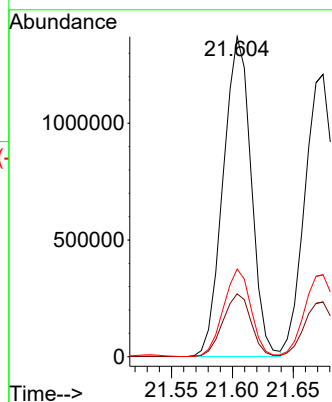
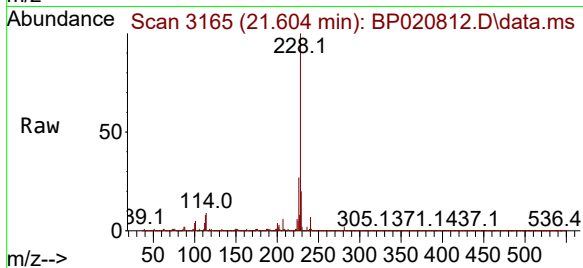
Tgt Ion:228 Resp: 2188400

Ion Ratio Lower Upper

228 100

229 19.7 15.2 22.8

226 27.4 21.1 31.7



#86

Bis(2-ethylhexyl)phthalate

Concen: 30.874 ng/ul

RT: 21.533 min Scan# 3153

Delta R.T. -0.006 min

Lab File: BP020812.D

Acq: 06 Jul 2024 08:23

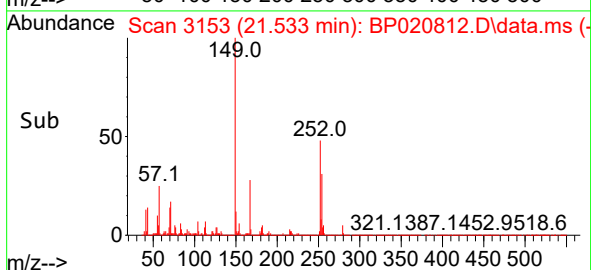
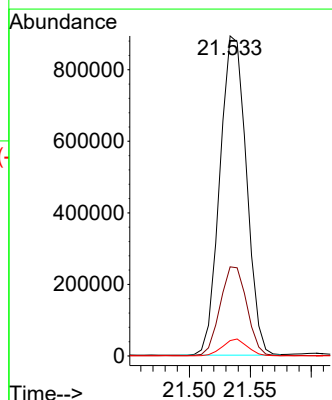
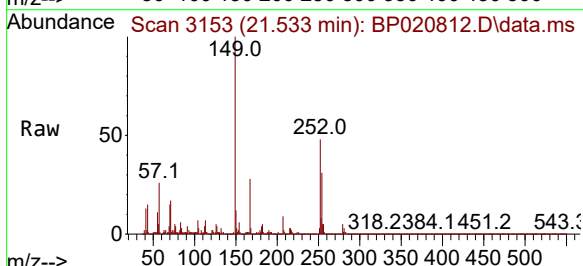
Tgt Ion:149 Resp: 1353891

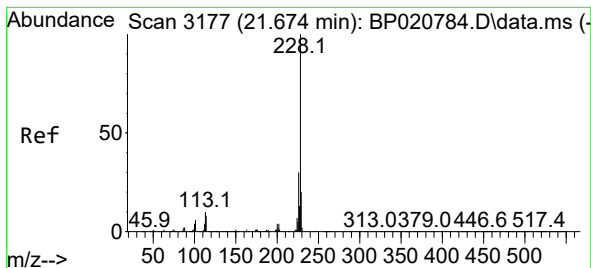
Ion Ratio Lower Upper

149 100

167 27.8 22.0 33.0

279 4.8 3.3 4.9





#87

Chrysene

Concen: 30.838 ng/ul

RT: 21.674 min Scan# 3177

Delta R.T. 0.006 min

Lab File: BP020812.D

Acq: 06 Jul 2024 08:23

Instrument :

BNA_P

ClientSampleId :

SLCS717

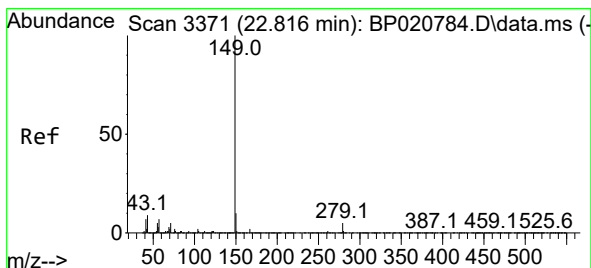
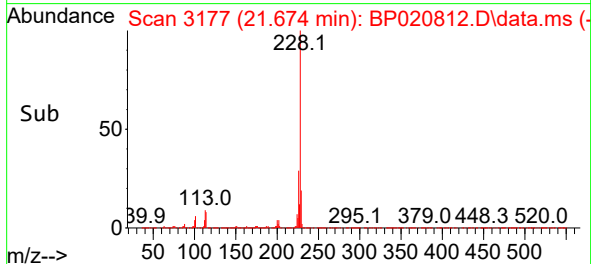
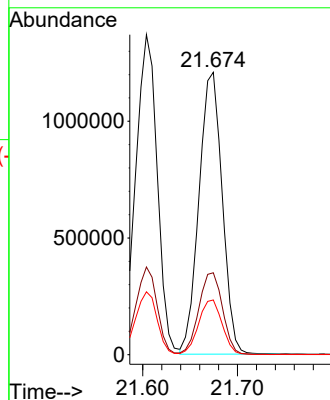
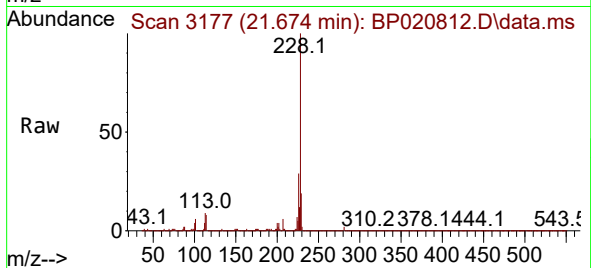
Tgt Ion:228 Resp: 2064895

Ion Ratio Lower Upper

228 100

226 29.0 23.8 35.6

229 19.4 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 32.173 ng/ul

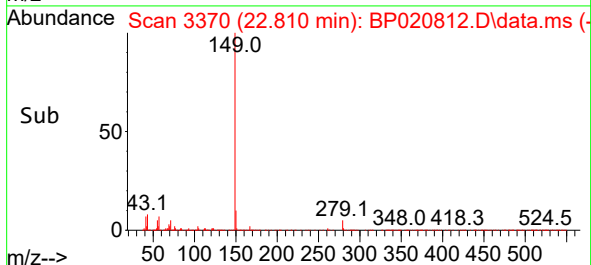
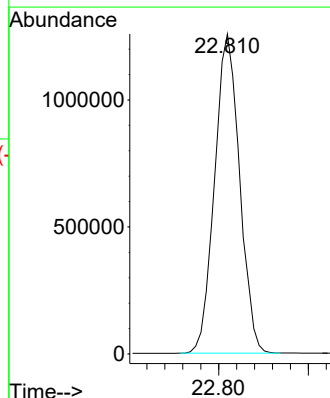
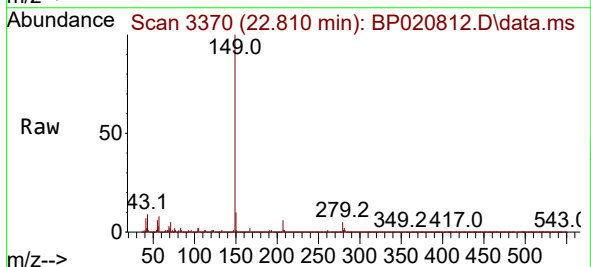
RT: 22.810 min Scan# 3370

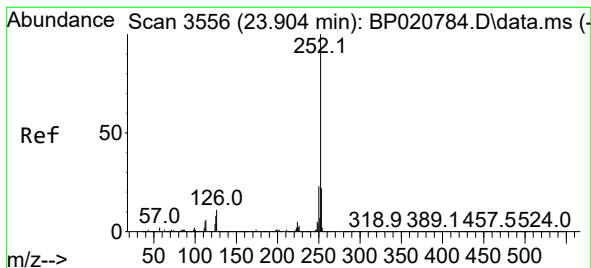
Delta R.T. -0.000 min

Lab File: BP020812.D

Acq: 06 Jul 2024 08:23

Tgt Ion:149 Resp: 2428271





#90

Benzo(b)fluoranthene

Concen: 31.722 ng/ul

RT: 23.916 min Scan# 3

Delta R.T. 0.012 min

Lab File: BP020812.D

Acq: 06 Jul 2024 08:23

Instrument :

BNA_P

ClientSampleId :

SLCS717

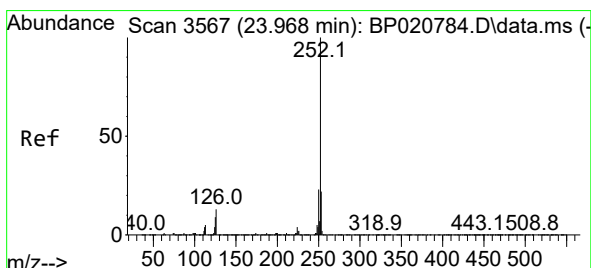
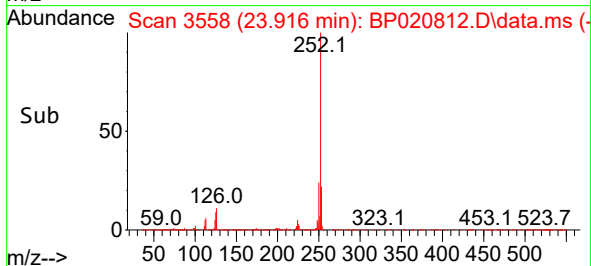
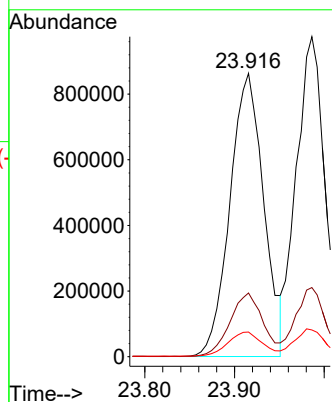
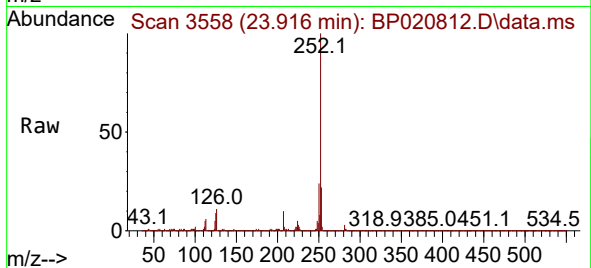
Tgt Ion:252 Resp: 2259352

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

125 8.7 7.9 11.9



#91

Benzo(k)fluoranthene

Concen: 29.971 ng/ul

RT: 23.986 min Scan# 3570

Delta R.T. 0.012 min

Lab File: BP020812.D

Acq: 06 Jul 2024 08:23

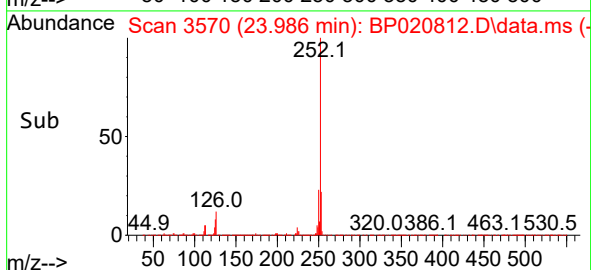
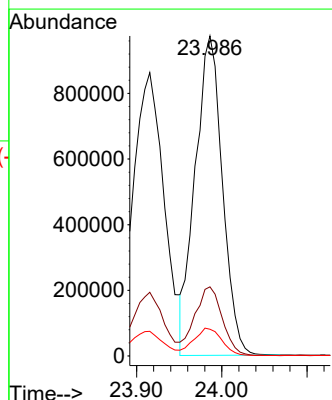
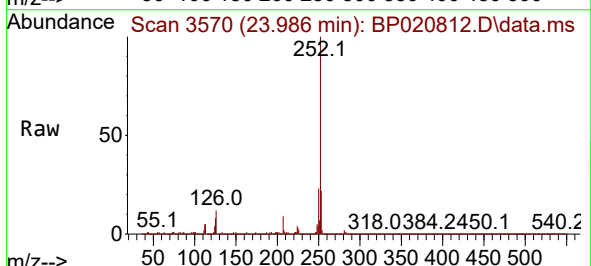
Tgt Ion:252 Resp: 2159284

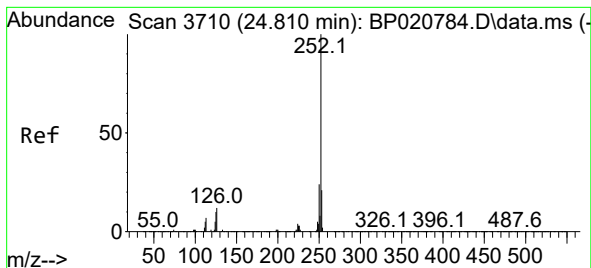
Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 8.4 7.9 11.9





#93

Benzo(a)pyrene

Concen: 28.353 ng/ul

RT: 24.821 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP020812.D

Acq: 06 Jul 2024 08:23

Instrument :

BNA_P

ClientSampleId :

SLCS717

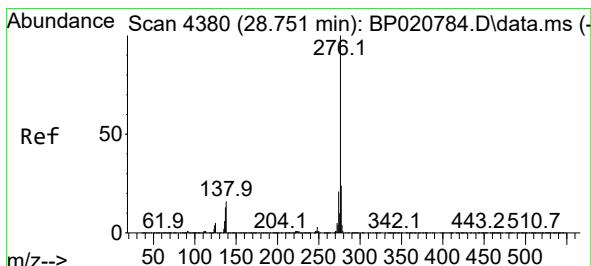
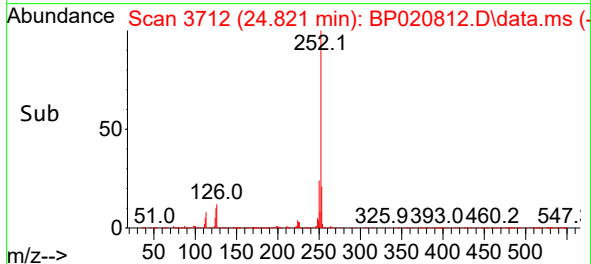
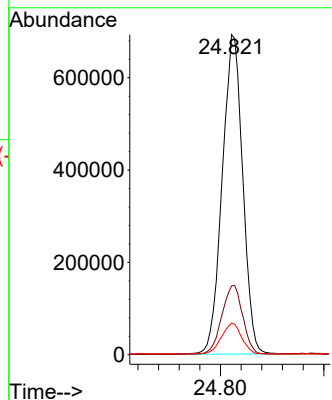
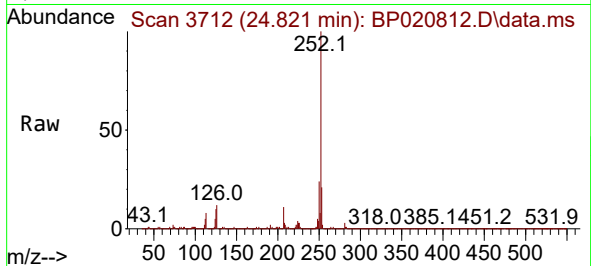
Tgt Ion:252 Resp: 1906276

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

125 9.9 8.7 13.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 11.546 ng/ul

RT: 28.774 min Scan# 4384

Delta R.T. 0.012 min

Lab File: BP020812.D

Acq: 06 Jul 2024 08:23

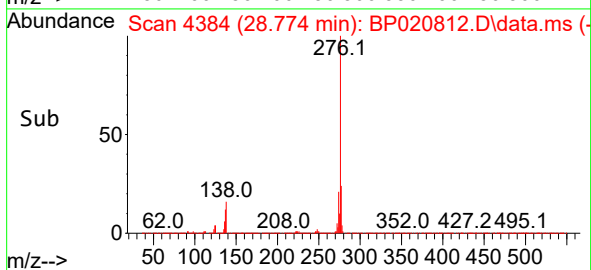
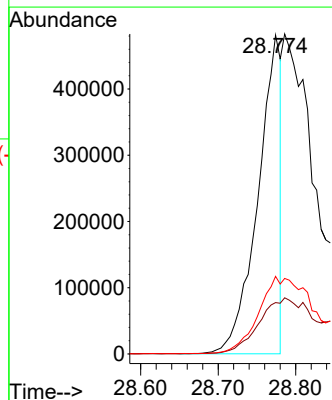
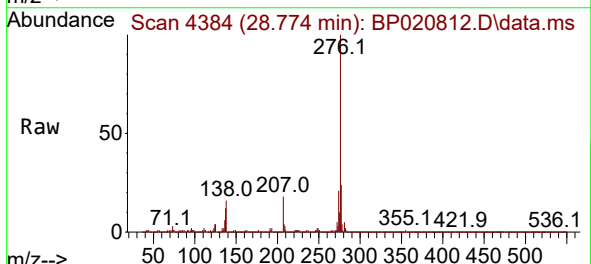
Tgt Ion:276 Resp: 995715

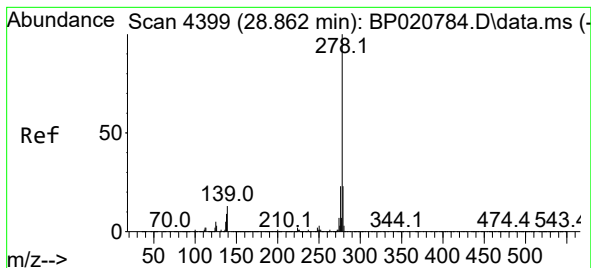
Ion Ratio Lower Upper

276 100

138 16.1 15.2 22.8

277 24.3 19.0 28.4





#95

Dibenzo(a,h)anthracene

Concen: 30.918 ng/ul

RT: 28.862 min Scan# 41

Delta R.T. 0.024 min

Lab File: BP020812.D

Acq: 06 Jul 2024 08:23

Instrument :

BNA_P

ClientSampleId :

SLCS717

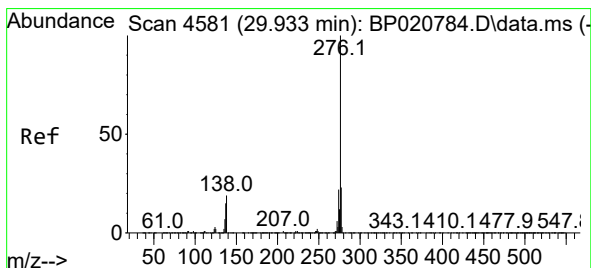
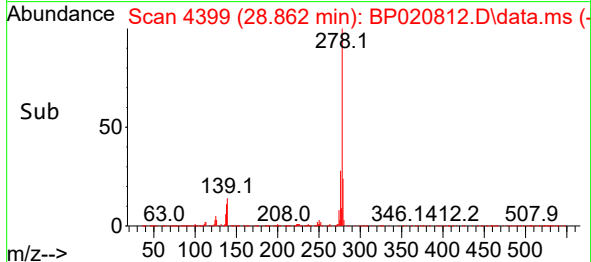
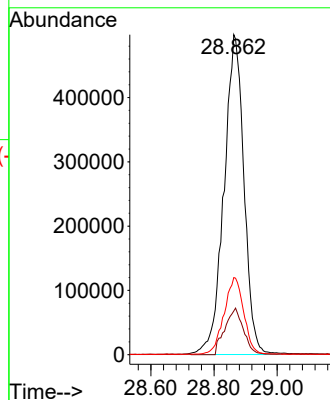
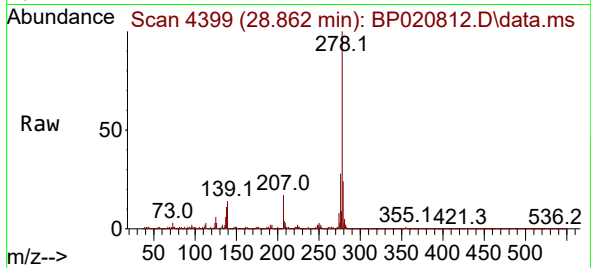
Tgt Ion:278 Resp: 2191374

Ion Ratio Lower Upper

278 100

139 13.7 11.1 16.7

279 24.1 18.7 28.1



#96

Benzo(g,h,i)perylene

Concen: 29.537 ng/ul

RT: 29.986 min Scan# 4590

Delta R.T. 0.047 min

Lab File: BP020812.D

Acq: 06 Jul 2024 08:23

Tgt Ion:276 Resp: 2079738

Ion Ratio Lower Upper

276 100

138 19.5 16.4 24.6

277 24.0 18.7 28.1

