

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
 Data File : BP012042.D
 Acq On : 11 Oct 2022 16:13
 Operator : CG/JU
 Sample : PB148209BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS209

Quant Time: Oct 12 00:22:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 11 23:54:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	244027	20.000	ng/u1	0.00
20) Naphthalene-d8	10.669	136	1020338	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.504	164	548421	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.263	188	995509	20.000	ng/u1	0.00
79) Chrysene-d12	21.351	240	1183507	20.000	ng/u1	0.00
88) Perylene-d12	23.769	264	1303611	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	33813	5.463	ng/uL	0.00
4) Pyridine-d5	3.699	84	441802	26.841	ng/u1	0.00
7) Phenol-d5	7.028	99	624104	31.800	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.193	67	357992	32.136	ng/u1	0.00
11) 2-Chlorophenol-d4	7.387	132	505364	32.439	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	478622	31.750	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	236144	32.770	ng/u1	0.00
24) 2-Nitrophenol-d4	9.752	143	248165	33.963	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	458367	32.368	ng/u1	0.00
31) 4-Chloroaniline-d4	10.810	131	593642	28.447	ng/u1	0.00
46) Dimethylphthalate-d6	13.922	166	1088777	31.348	ng/u1	0.00
49) Acenaphthylene-d8	14.198	160	1409128	32.809	ng/u1	0.00
54) 4-Nitrophenol-d4	14.716	143	214347	31.435	ng/u1	0.00
60) Fluorene-d10	15.504	176	988736	31.464	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.628	200	162746	30.960	ng/u1	0.00
73) Anthracene-d10	17.363	188	1396859	32.313	ng/u1	0.00
81) Pyrene-d10	19.598	212	1908577	31.478	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.616	264	2112820	33.340	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	71182	10.929	ng/uL	96
5) Pyridine	3.723	79	436278	27.663	ng/u1	98
6) Benzaldehyde	6.999	77	366587	39.811	ng/u1	99
8) Phenol	7.052	94	615608	29.878	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.287	93	483974	29.772	ng/u1	99
12) 2-Chlorophenol	7.422	128	507279	30.004	ng/u1	98
13) 2-Methylphenol	8.311	108	457753	29.787	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.399	45	496322	29.787	ng/u1	99
16) Acetophenone	8.693	105	702331	30.220	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.675	70	321789	30.400	ng/u1	99
18) 4-Methylphenol	8.640	108	496408	29.970	ng/u1	98
19) Hexachloroethane	8.940	117	188232	28.841	ng/u1	99
22) Nitrobenzene	9.069	77	508666	30.793	ng/u1	98
23) Isophorone	9.599	82	879095	30.002	ng/u1	99
25) 2-Nitrophenol	9.781	139	267508	31.161	ng/u1	97
26) 2,4-Dimethylphenol	9.840	107	487878	29.181	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.081	93	606856	30.181	ng/u1	99
29) 2,4-Dichlorophenol	10.316	162	441772	29.685	ng/u1	98
30) Naphthalene	10.716	128	1564558	29.017	ng/u1	100
32) 4-Chloroaniline	10.834	127	560553	26.054	ng/u1	100
33) Hexachlorobutadiene	10.999	225	259595	28.131	ng/u1	98
34) Caprolactam	11.628	113	111981	27.383	ng/u1	93
35) 4-Chloro-3-methylphenol	11.957	107	424890	30.137	ng/u1	99
36) 2-Methylnaphthalene	12.328	142	995172	28.663	ng/u1	100

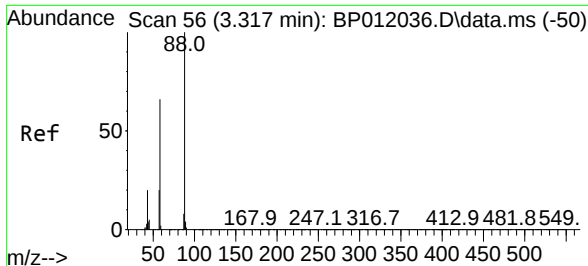
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.546	142	995167	28.622	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.693	216	496810	29.635	ng/ul	99
40) Hexachlorocyclopentadiene	12.675	237	231457	28.425	ng/ul	98
41) 2,4,6-Trichlorophenol	12.940	196	313418	31.036	ng/ul	99
42) 2,4,5-Trichlorophenol	13.010	196	338150	30.811	ng/ul	100
43) 1,1'-Biphenyl	13.340	154	1264917	30.552	ng/ul	99
44) 2-Chloronaphthalene	13.381	162	996129	30.129	ng/ul	99
45) 2-Nitroaniline	13.593	65	229068	32.479	ng/ul	98
47) Dimethylphthalate	13.969	163	1079863	29.510	ng/ul	99
48) 2,6-Dinitrotoluene	14.093	165	208269	32.146	ng/ul	99
50) Acenaphthylene	14.228	152	1488418	30.628	ng/ul	100
51) 3-Nitroaniline	14.422	138	217692	28.856	ng/ul	100
52) Acenaphthene	14.569	153	1025068	29.630	ng/ul	99
53) 2,4-Dinitrophenol	14.628	184	107489	25.682	ng/ul	97
55) 4-Nitrophenol	14.728	109	138967	29.479	ng/ul	97
56) Dibenzofuran	14.904	168	1378280	29.478	ng/ul	98
57) 2,4-Dinitrotoluene	14.881	165	298244	32.031	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.134	232	257330	30.082	ng/ul	97
59) Diethylphthalate	15.334	149	996797	29.743	ng/ul	99
61) Fluorene	15.557	166	1089761	29.692	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.551	204	516414	29.086	ng/ul	99
63) 4-Nitroaniline	15.587	138	234745	34.078	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.640	198	166283	29.261	ng/ul	98
67) N-Nitrosodiphenylamine	15.769	169	892911	30.303	ng/ul	100
68) 4-Bromophenyl-phenylether	16.451	248	288059	29.736	ng/ul	98
69) Hexachlorobenzene	16.563	284	328358	29.204	ng/ul	99
70) Atrazine	16.728	200	276639	30.531	ng/ul	99
71) Pentachlorophenol	16.916	266	185402	28.145	ng/ul	99
72) Phenanthrene	17.310	178	1613790	29.808	ng/ul	99
74) Anthracene	17.398	178	1602770	29.916	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.304	216	504635	31.370	ng/uL	99
76) Pentachlorobenzene	14.822	250	441603	27.952	ng/uL	99
77) Carbazole	17.675	167	1450093	30.347	ng/ul	100
78) Di-n-butylphthalate	18.222	149	1706923	35.997	ng/ul	100
80) Fluoranthene	19.275	202	2168719	29.191	ng/ul	99
82) Pyrene	19.628	202	2264634	28.803	ng/ul	99
83) Butylbenzylphthalate	20.498	149	725153	29.095	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.275	252	744140	28.533	ng/ul	98
85) Benzo(a)anthracene	21.339	228	2230380	29.940	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.257	149	984952	29.314	ng/ul	100
87) Chrysene	21.392	228	2155335	30.057	ng/ul	100
89) Di-n-octyl phthalate	22.186	149	1713652	26.257	ng/ul	100
90) Benzo(b)fluoranthene	23.033	252	2478626	30.038	ng/ul	100
91) Benzo(k)fluoranthene	23.080	252	2433682	29.984	ng/ul	99
93) Benzo(a)pyrene	23.669	252	2233722	30.342	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.292	276	3101746	33.322	ng/ul	99
95) Dibenzo(a,h)anthracene	26.310	278	2672855	32.007	ng/ul	99
96) Benzo(g,h,i)perylene	27.068	276	2649934	31.574	ng/ul	100

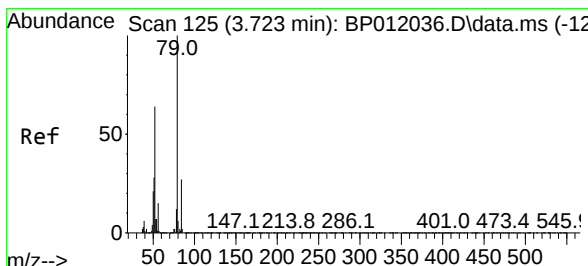
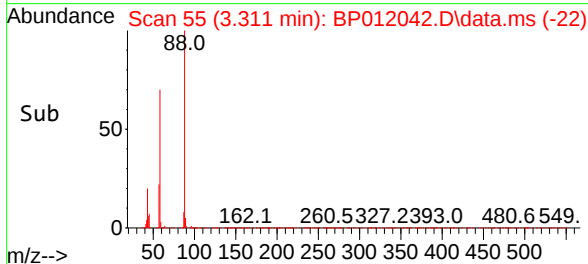
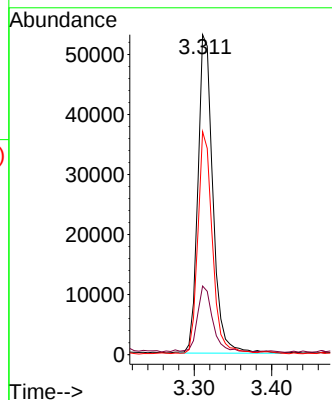
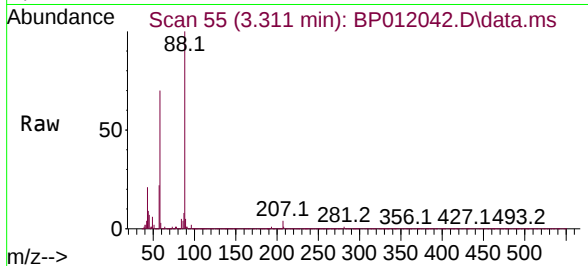
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#2
 1,4-Dioxane
 Concen: 10.929 ng/uL
 RT: 3.311 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: BP012042.D
 Acq: 11 Oct 2022 16:13

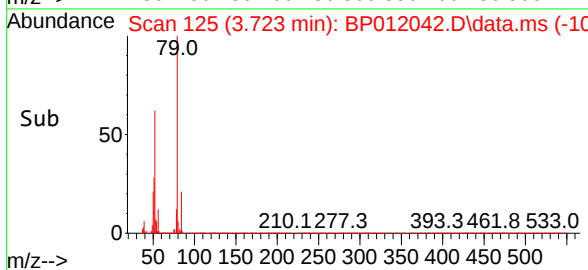
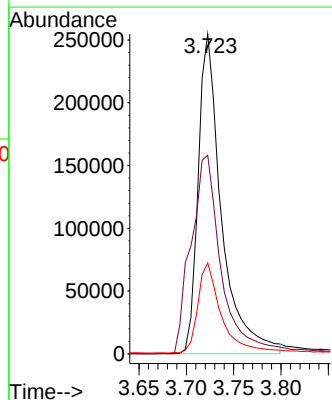
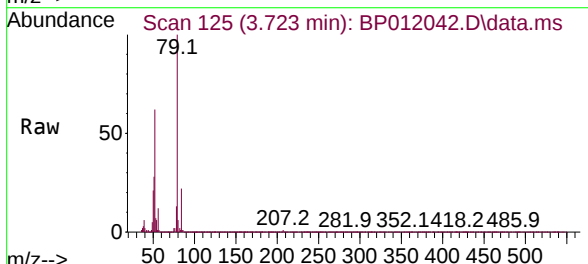
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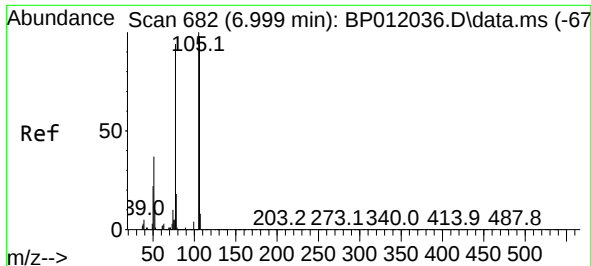
Tgt Ion: 88	Resp: 71182
Ion Ratio	Lower Upper
88 100	
43 21.4	16.6 25.0
58 69.7	52.6 79.0



#5
 Pyridine
 Concen: 27.663 ng/uL
 RT: 3.723 min Scan# 125
 Delta R.T. -0.000 min
 Lab File: BP012042.D
 Acq: 11 Oct 2022 16:13

Tgt Ion: 79	Resp: 436278
Ion Ratio	Lower Upper
79 100	
52 62.1	51.2 76.8
51 28.4	22.8 34.2

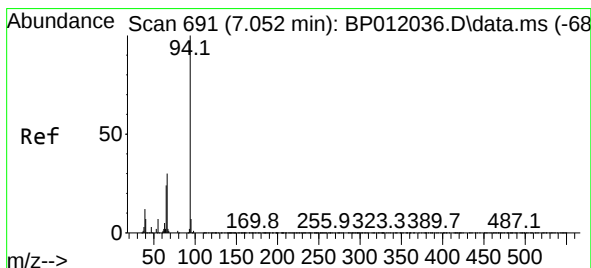
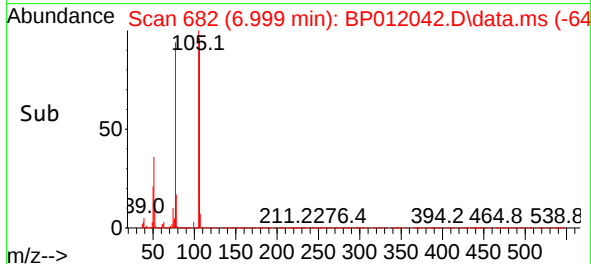
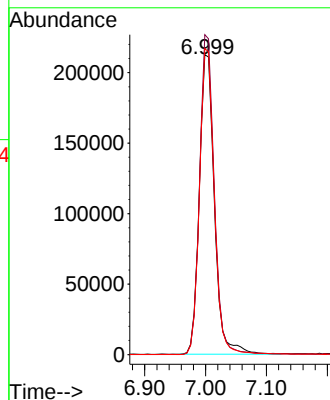
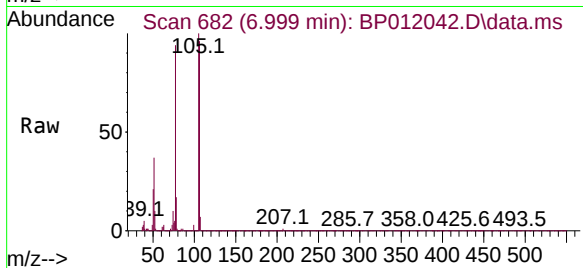




#6
Benzaldehyde
Concen: 39.811 ng/ul
RT: 6.999 min Scan# 682
Delta R.T. 0.000 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

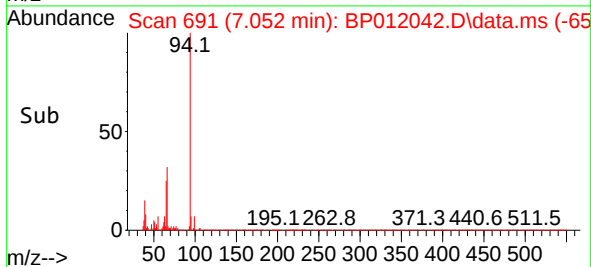
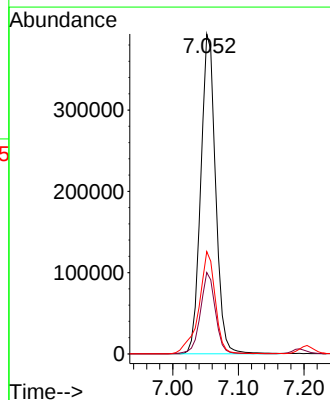
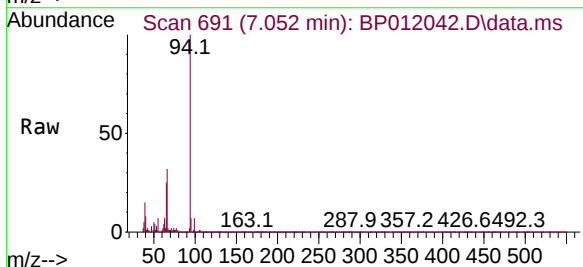
Instrument :
BNA_P
Client SampleId :
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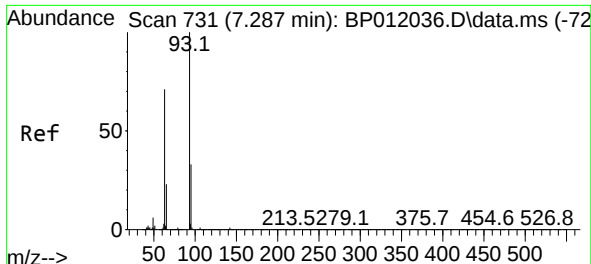
Tgt Ion: 77 Resp: 366587
Ion Ratio Lower Upper
77 100
105 106.7 85.2 127.8
106 102.0 83.1 124.7



#8
Phenol
Concen: 29.878 ng/ul
RT: 7.052 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

Tgt Ion: 94 Resp: 615608
Ion Ratio Lower Upper
94 100
65 25.4 19.4 29.0
66 32.0 24.6 37.0

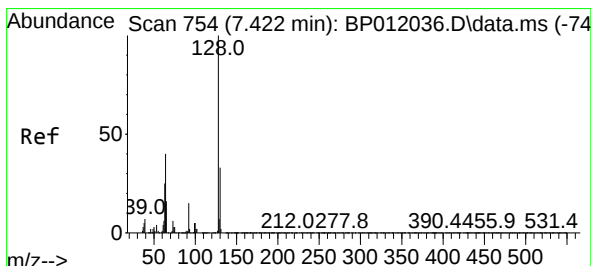
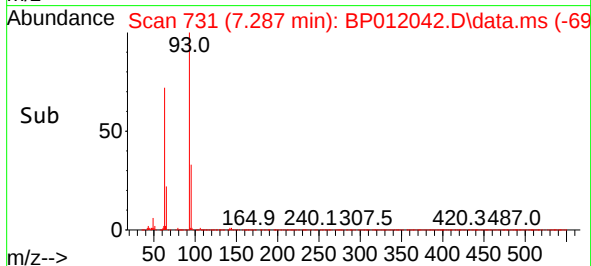
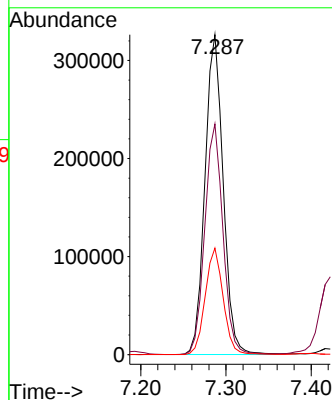
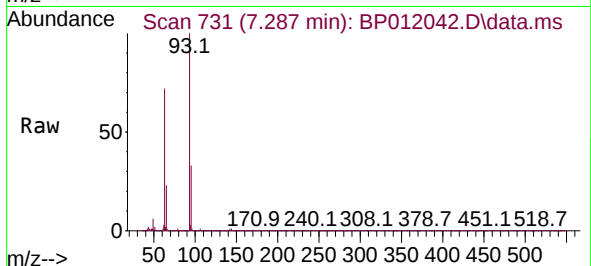




#10
 Bis(2-Chloroethyl)ether
 Concen: 29.772 ng/ul
 RT: 7.287 min Scan# 731
 Delta R.T. 0.000 min
 Lab File: BP012042.D
 Acq: 11 Oct 2022 16:13

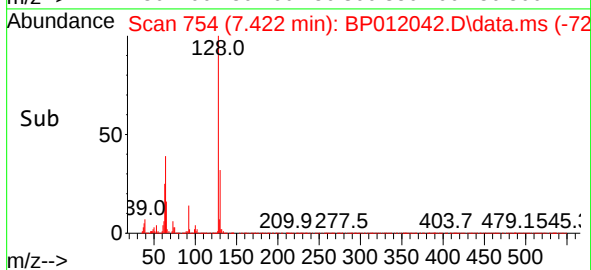
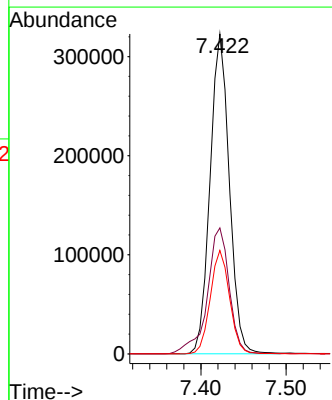
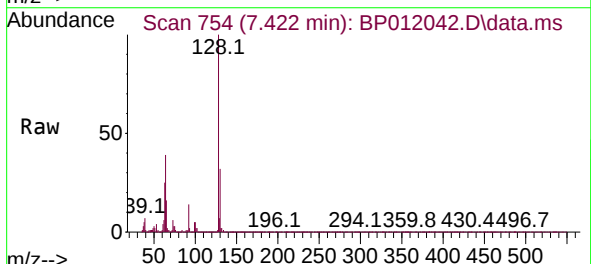
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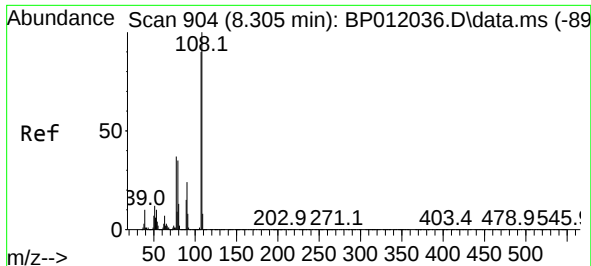
Tgt Ion: 93 Resp: 483974
 Ion Ratio Lower Upper
 93 100
 63 72.1 56.7 85.1
 95 33.3 26.2 39.2



#12
 2-Chlorophenol
 Concen: 30.004 ng/ul
 RT: 7.422 min Scan# 754
 Delta R.T. 0.000 min
 Lab File: BP012042.D
 Acq: 11 Oct 2022 16:13

Tgt Ion: 128 Resp: 507279
 Ion Ratio Lower Upper
 128 100
 64 39.4 32.7 49.1
 130 32.3 26.3 39.5





#13

2-Methylphenol

Concen: 29.787 ng/ul

RT: 8.311 min Scan# 90

Delta R.T. 0.006 min

Lab File: BP012042.D

Acq: 11 Oct 2022 16:13

Instrument :

BNA_P

ClientSampleId :

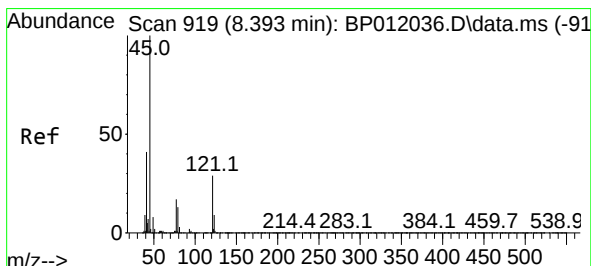
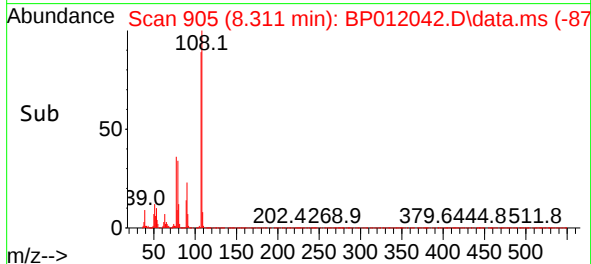
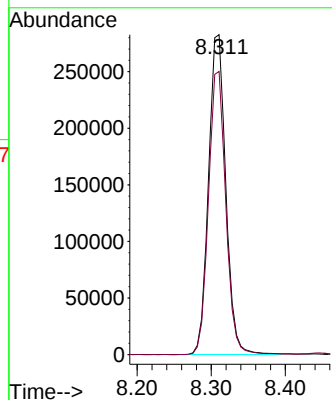
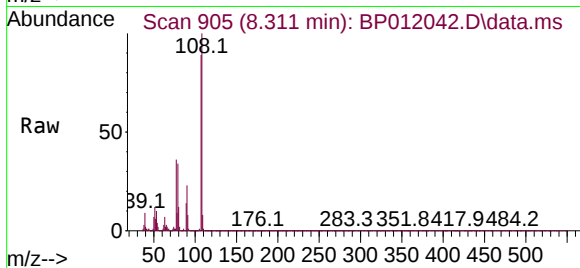
SLCS209

Tgt Ion:108 Resp: 457753

Ion Ratio Lower Upper

108 100

107 88.5 71.9 107.9



#14

2,2'-oxybis(1-Chloropropane)

Concen: 29.787 ng/ul

RT: 8.399 min Scan# 920

Delta R.T. 0.006 min

Lab File: BP012042.D

Acq: 11 Oct 2022 16:13

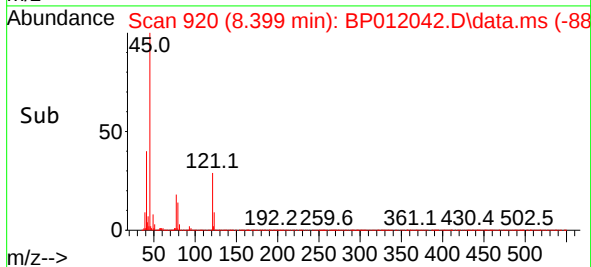
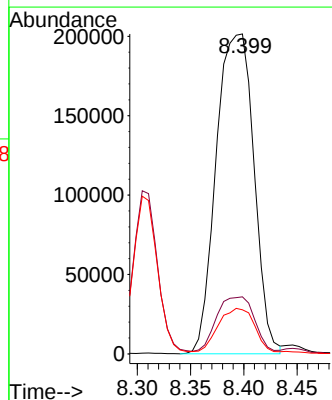
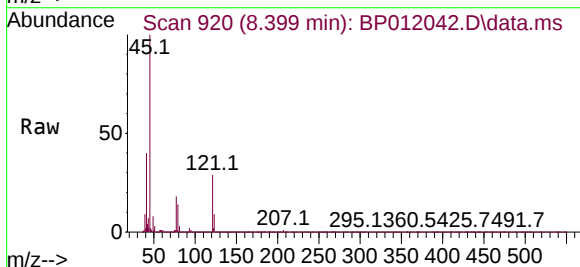
Tgt Ion: 45 Resp: 496322

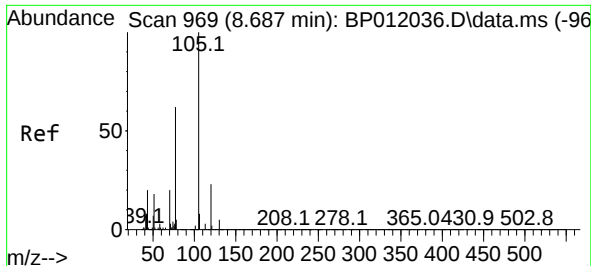
Ion Ratio Lower Upper

45 100

77 17.8 14.4 21.6

79 13.8 11.3 16.9

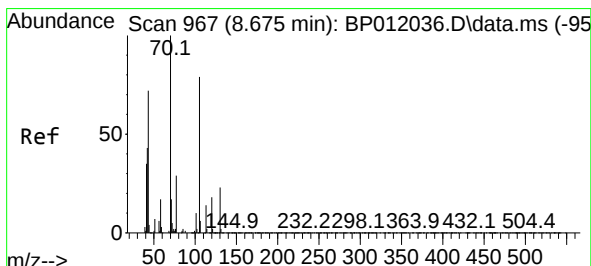
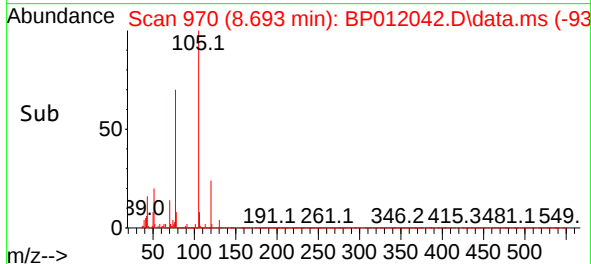
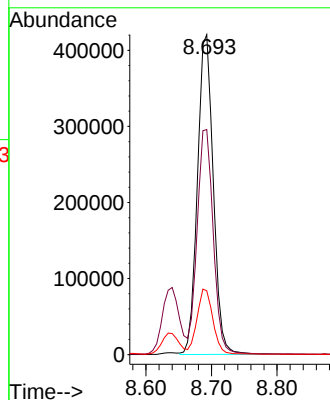
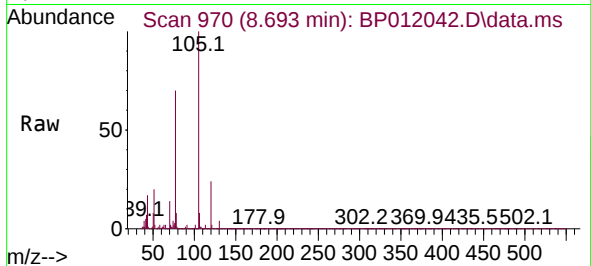




#16
Acetophenone
Concen: 30.220 ng/ul
RT: 8.693 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

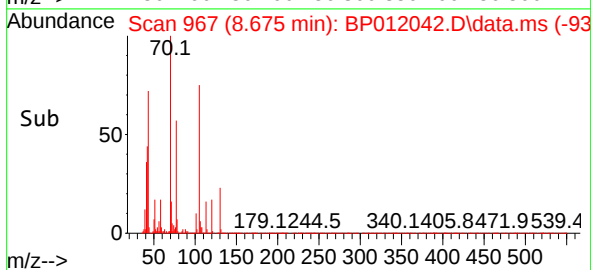
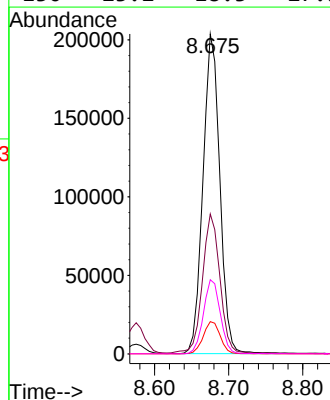
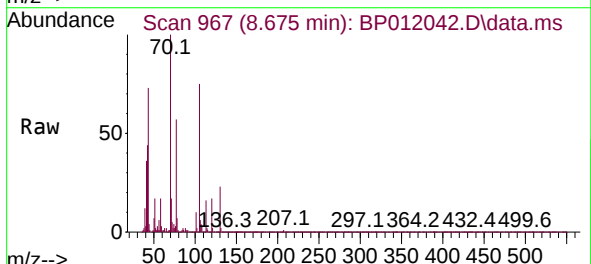
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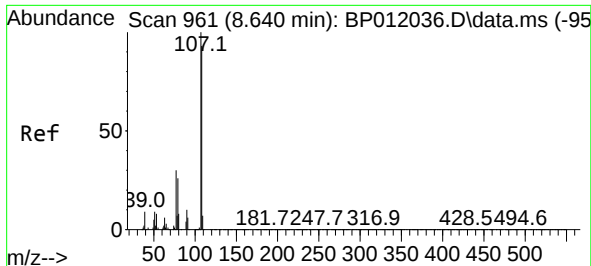
Tgt Ion:105 Resp: 702331
Ion Ratio Lower Upper
105 100
77 70.3 57.0 85.4
51 19.9 16.4 24.6



#17
N-Nitroso-di-n-propylamine
Concen: 30.400 ng/ul
RT: 8.675 min Scan# 967
Delta R.T. 0.000 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

Tgt Ion: 70 Resp: 321789
Ion Ratio Lower Upper
70 100
42 43.7 34.6 52.0
101 10.1 8.0 12.0
130 23.2 18.3 27.5

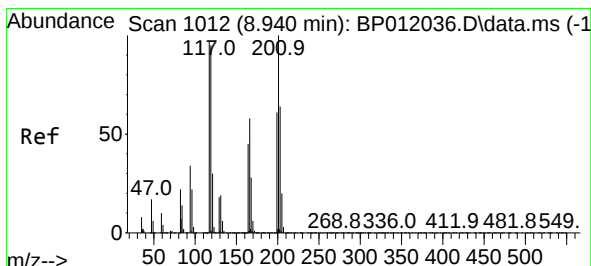
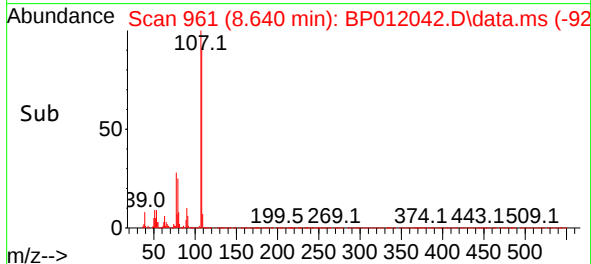
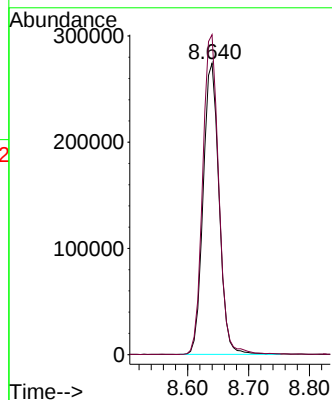
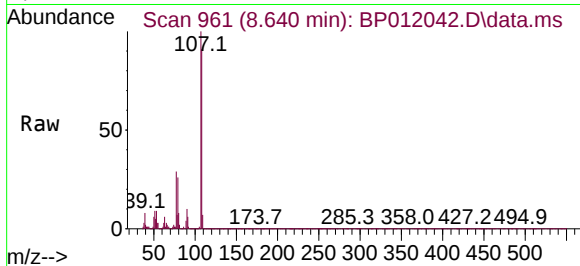




#18
4-Methylphenol
Concen: 29.970 ng/ul
RT: 8.640 min Scan# 961
Delta R.T. 0.000 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

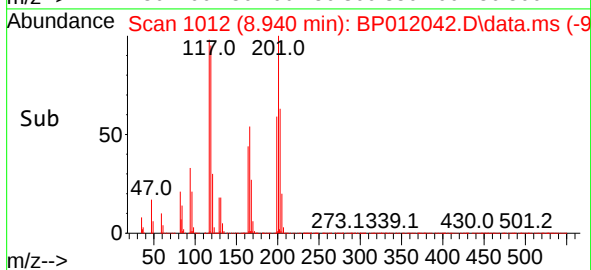
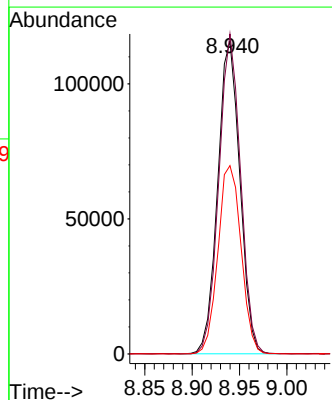
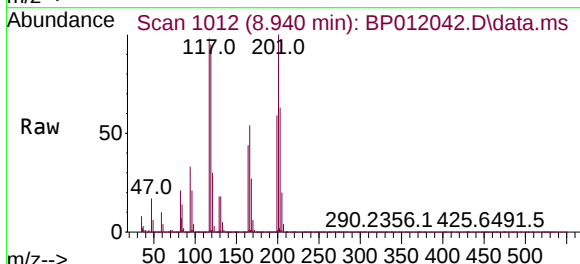
Instrument :
BNA_P
ClientSampleId :
SLCS209

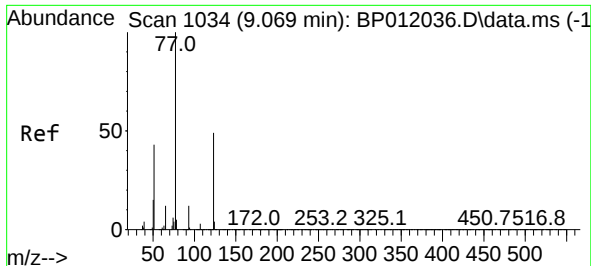
Tgt Ion:108 Resp: 496408
Ion Ratio Lower Upper
108 100
107 109.8 86.3 129.5



#19
Hexachloroethane
Concen: 28.841 ng/ul
RT: 8.940 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

Tgt Ion:117 Resp: 188232
Ion Ratio Lower Upper
117 100
201 102.3 82.3 123.5
199 60.2 50.0 75.0

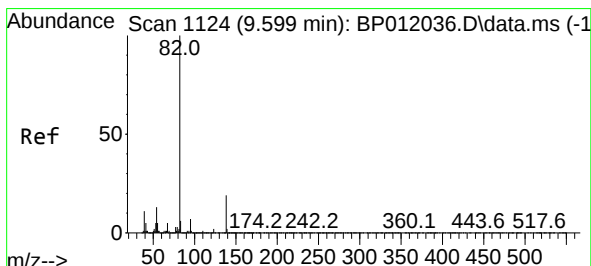
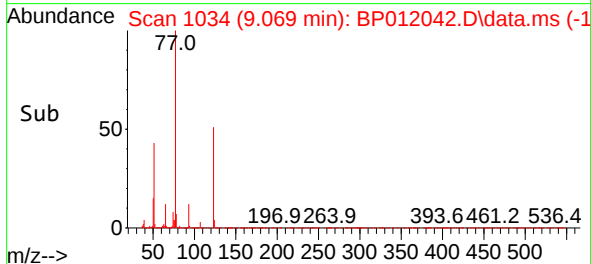
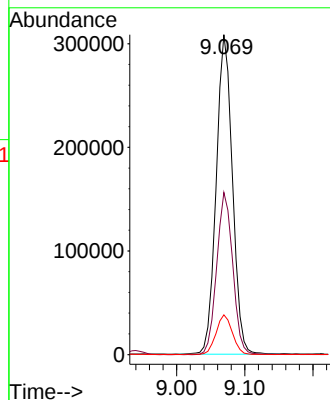
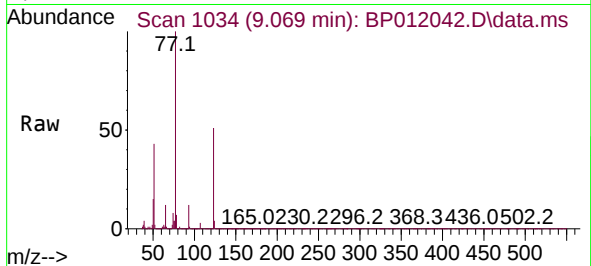




#22
Nitrobenzene
Concen: 30.793 ng/ul
RT: 9.069 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

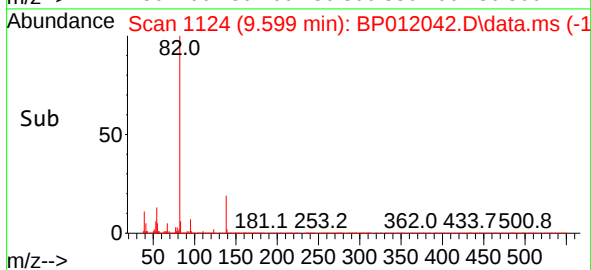
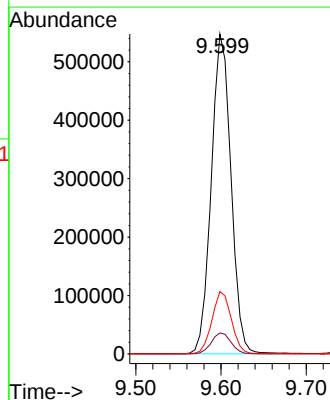
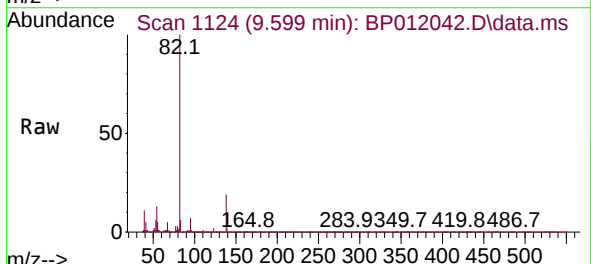
Instrument :
BNA_P
Client SampleId :
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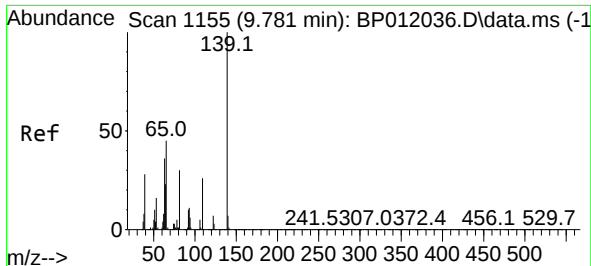
Tgt Ion: 77 Resp: 508666
Ion Ratio Lower Upper
77 100
123 50.7 39.4 59.0
65 12.4 9.9 14.9



#23
Isophorone
Concen: 30.002 ng/ul
RT: 9.599 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

Tgt Ion: 82 Resp: 879095
Ion Ratio Lower Upper
82 100
95 6.5 5.4 8.0
138 19.5 15.2 22.8

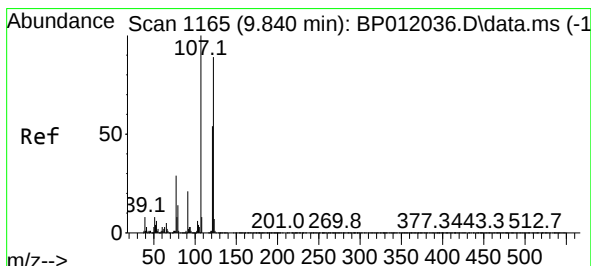
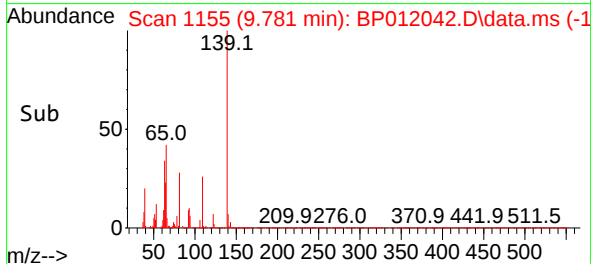
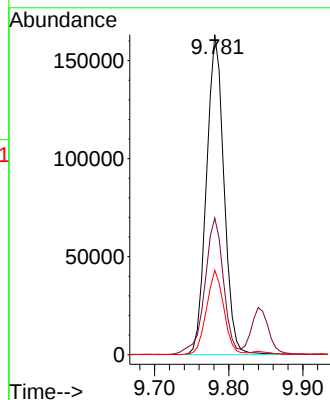
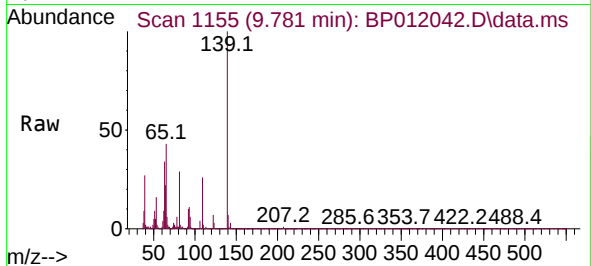




#25
2-Nitrophenol
Concen: 31.161 ng/ul
RT: 9.781 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

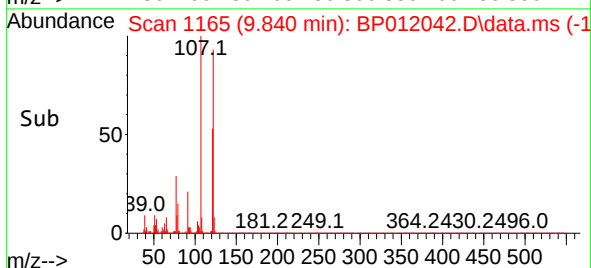
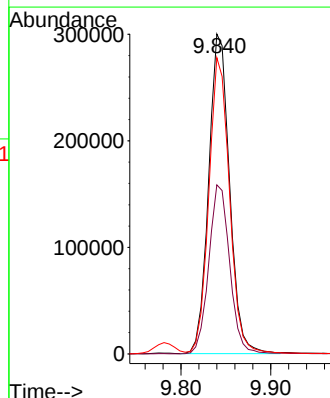
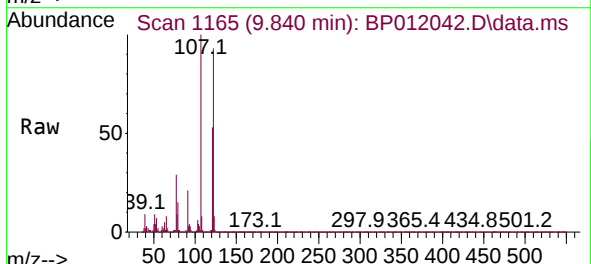
Instrument :
BNA_P
ClientSampleId :
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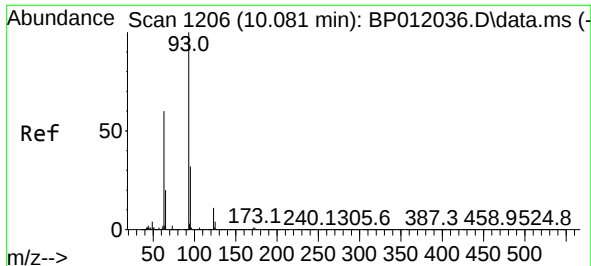
Tgt Ion:	139	Resp:	267508
Ion	Ratio	Lower	Upper
139	100		
65	42.7	36.3	54.5
109	26.3	21.2	31.8



#26
2,4-Dimethylphenol
Concen: 29.181 ng/ul
RT: 9.840 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

Tgt Ion:	107	Resp:	487878
Ion	Ratio	Lower	Upper
107	100		
121	52.8	43.0	64.4
122	92.6	71.4	107.2

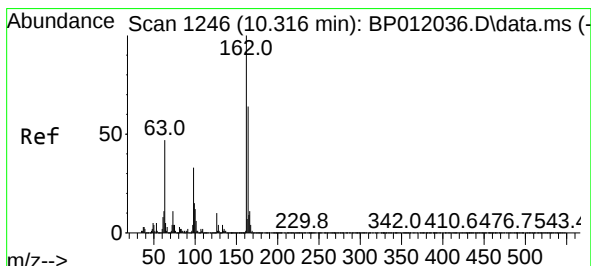
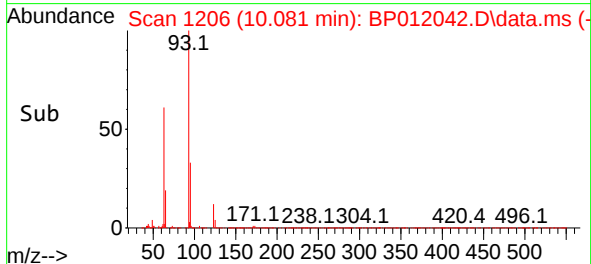
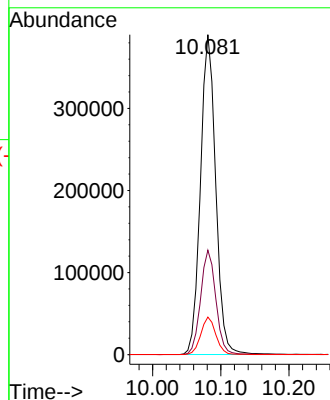
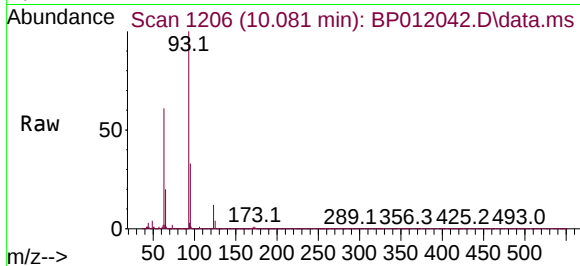




#27
Bis(2-Chloroethoxy)methane
Concen: 30.181 ng/ul
RT: 10.081 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

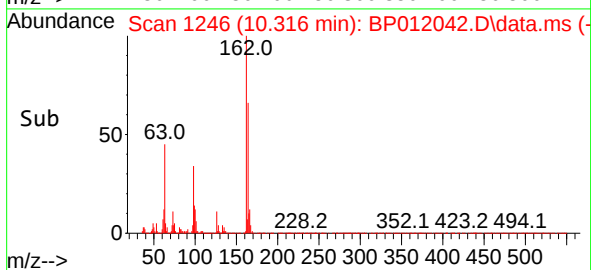
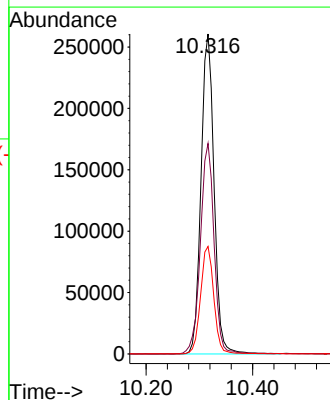
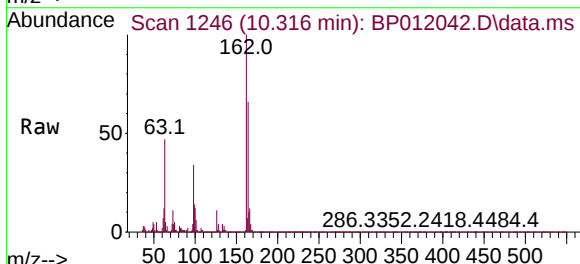
Instrument :
BNA_P
ClientSampleId :
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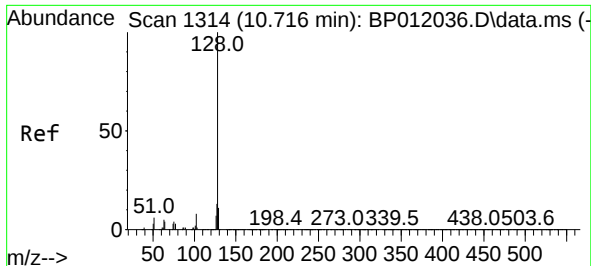
Tgt Ion: 93 Resp: 606856
Ion Ratio Lower Upper
93 100
95 32.6 25.7 38.5
123 11.7 9.2 13.8



#29
2,4-Dichlorophenol
Concen: 29.685 ng/ul
RT: 10.316 min Scan# 1246
Delta R.T. 0.000 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

Tgt Ion:162 Resp: 441772
Ion Ratio Lower Upper
162 100
164 65.8 51.5 77.3
98 33.6 26.3 39.5

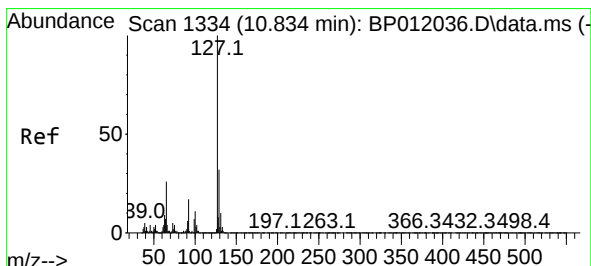
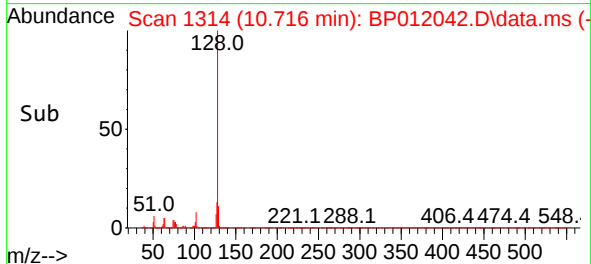
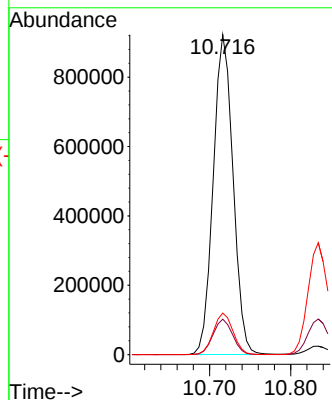
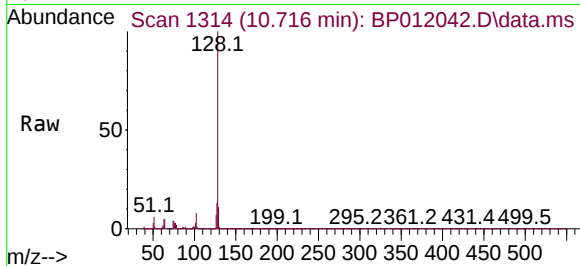




#30
Naphthalene
Concen: 29.017 ng/ul
RT: 10.716 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

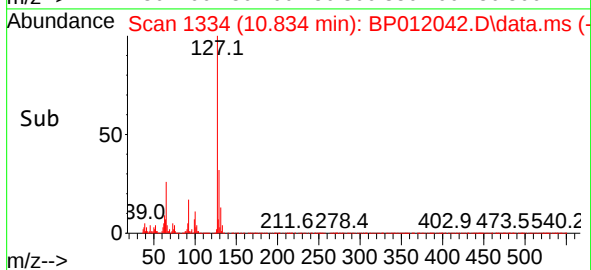
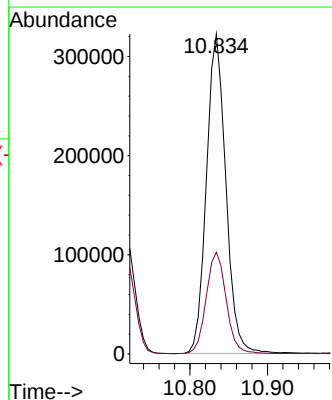
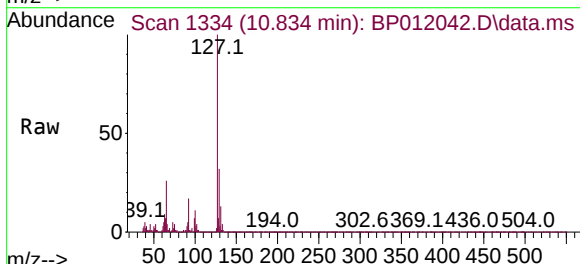
Instrument :
BNA_P
ClientSampleId :
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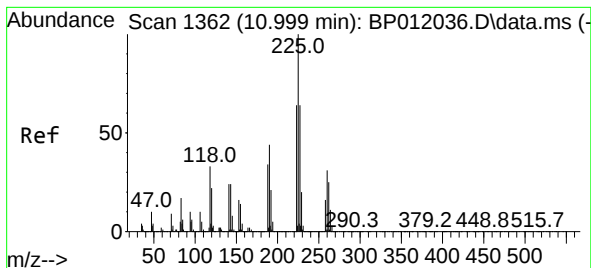
Tgt Ion:128 Resp: 1564558
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.0 10.2 15.4



#32
4-Chloroaniline
Concen: 26.054 ng/ul
RT: 10.834 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

Tgt Ion:127 Resp: 560553
Ion Ratio Lower Upper
127 100
129 31.8 25.6 38.4

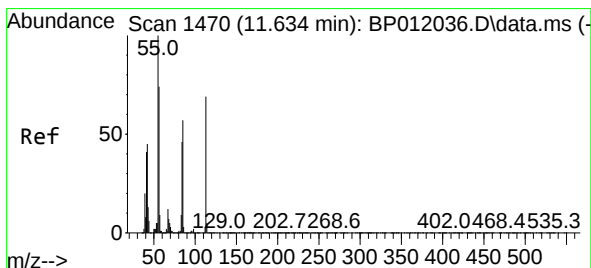
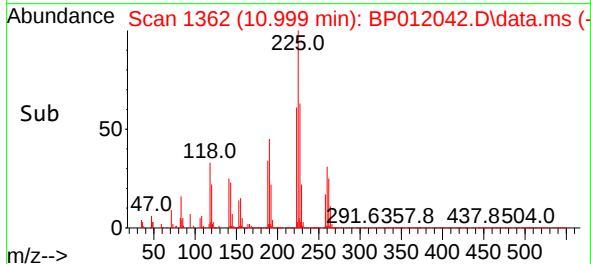
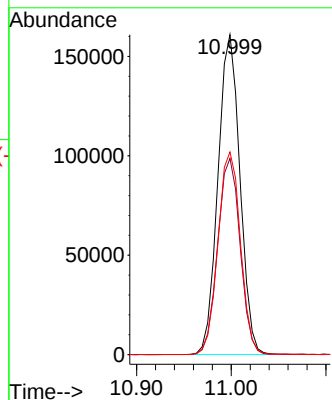
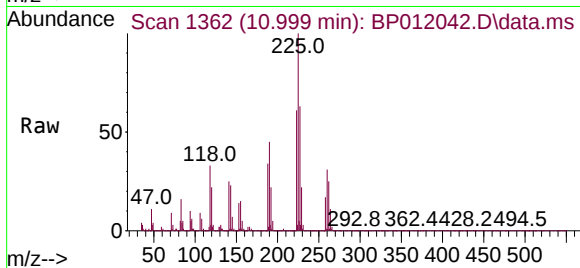




#33
Hexachlorobutadiene
Concen: 28.131 ng/ul
RT: 10.999 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

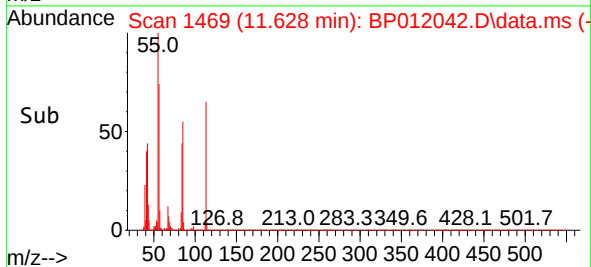
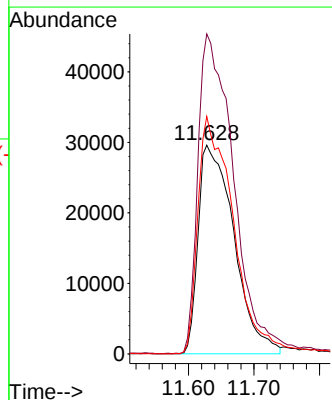
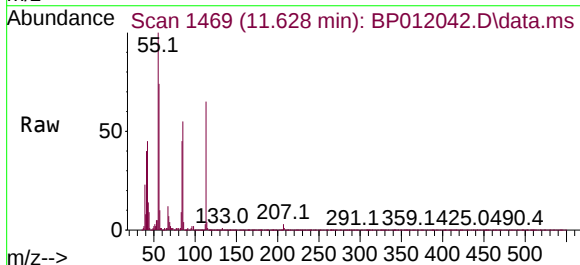
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BNA_P
ClientSampleId :
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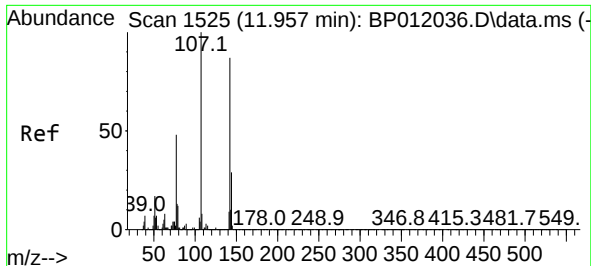
Tgt Ion:225 Resp: 259595
Ion Ratio Lower Upper
225 100
223 61.3 50.9 76.3
227 63.3 51.1 76.7



#34
Caprolactam
Concen: 27.383 ng/ul
RT: 11.628 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

Tgt Ion:113 Resp: 111981
Ion Ratio Lower Upper
113 100
55 153.3 115.2 172.8
56 113.8 85.6 128.4

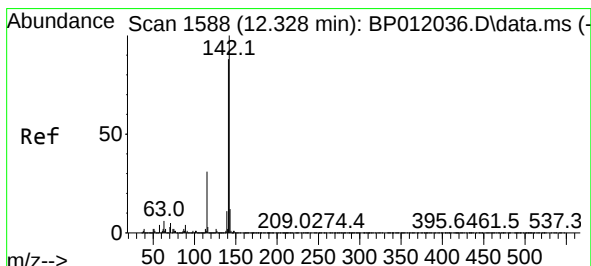
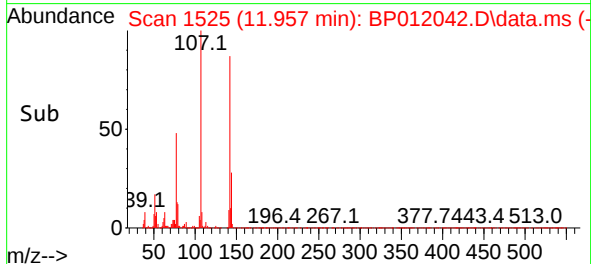
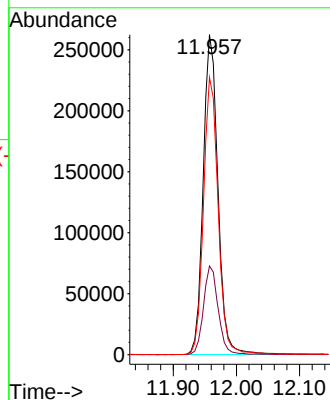
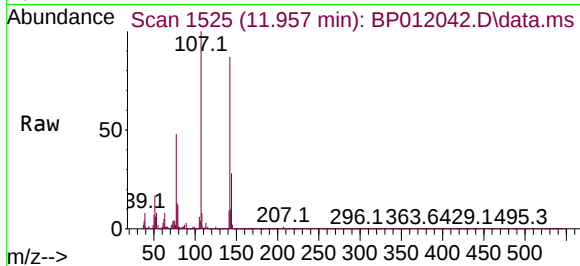




#35
4-Chloro-3-methylphenol
Concen: 30.137 ng/ul
RT: 11.957 min Scan# 1525
Delta R.T. 0.000 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

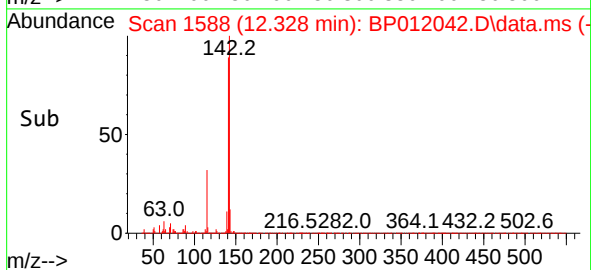
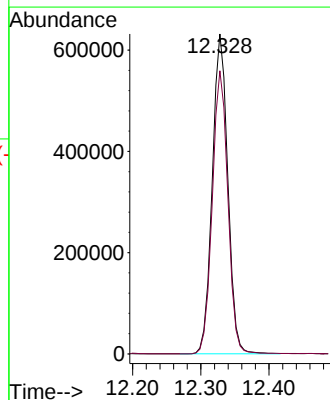
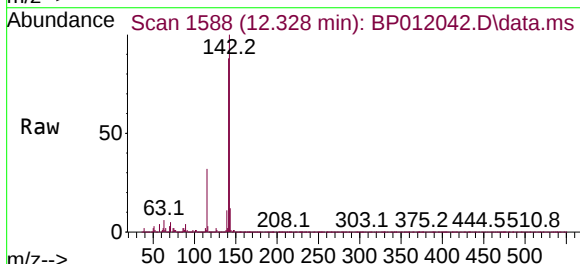
Instrument :
BNA_P
ClientSampleId :
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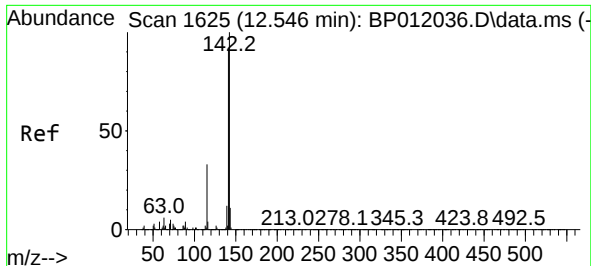
Tgt Ion:107 Resp: 424890
Ion Ratio Lower Upper
107 100
144 27.7 23.0 34.4
142 86.6 69.8 104.8



#36
2-Methylnaphthalene
Concen: 28.663 ng/ul
RT: 12.328 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

Tgt Ion:142 Resp: 995172
Ion Ratio Lower Upper
142 100
141 88.5 70.7 106.1

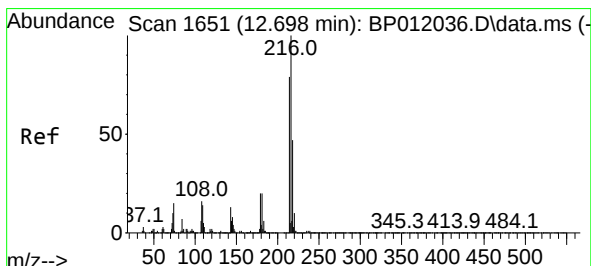
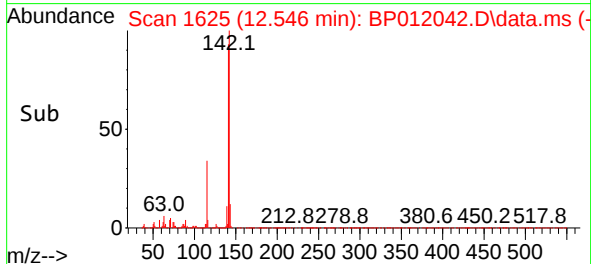
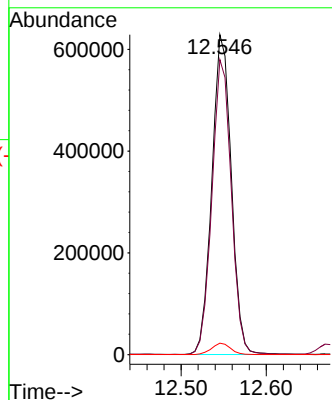
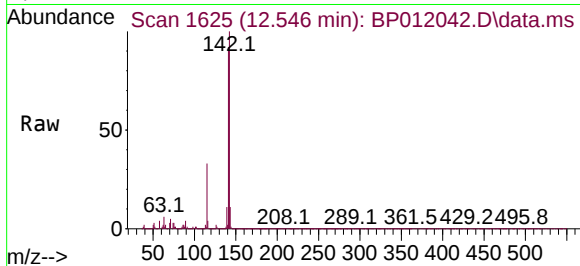




#37
1-Methylnaphthalene
Concen: 28.622 ng/ul
RT: 12.546 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

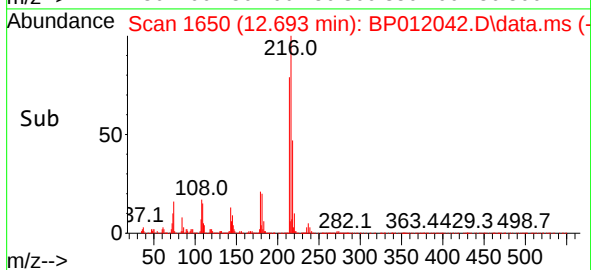
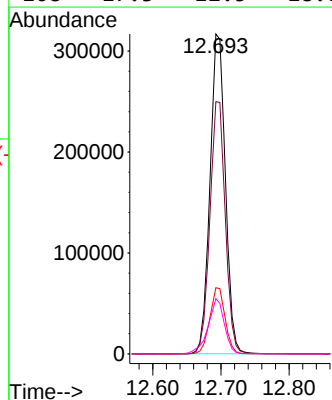
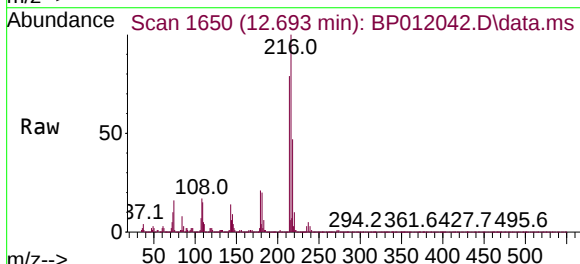
Instrument :
BNA_P
ClientSampleId :
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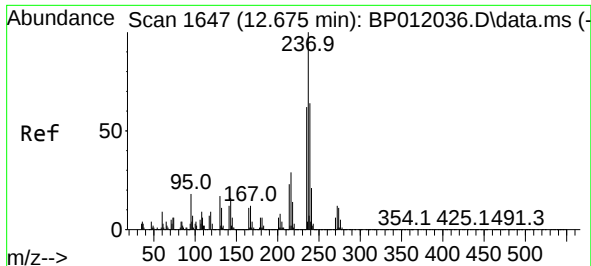
Tgt Ion:142	Resp: 995167
Ion Ratio	Lower Upper
142	100
141	92.2 72.9 109.3
116	3.6 2.8 4.2



#39
1,2,4,5-Tetrachlorobenzene
Concen: 29.635 ng/ul
RT: 12.693 min Scan# 1650
Delta R.T. -0.006 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

Tgt Ion:216	Resp: 496810
Ion Ratio	Lower Upper
216	100
214	78.8 63.0 94.4
179	20.7 16.3 24.5
108	17.3 12.5 18.7

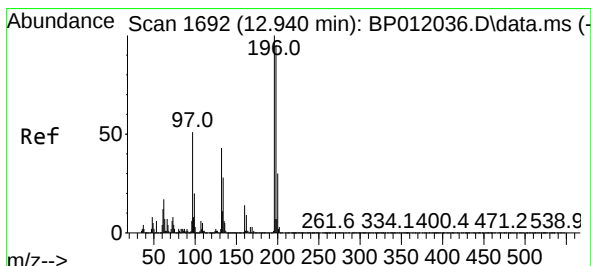
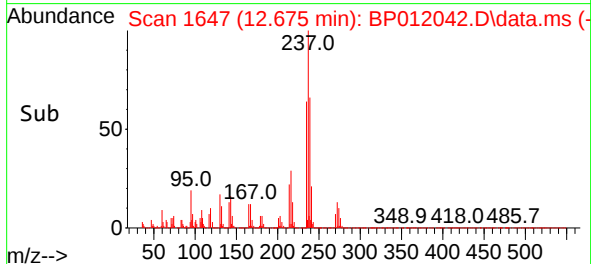
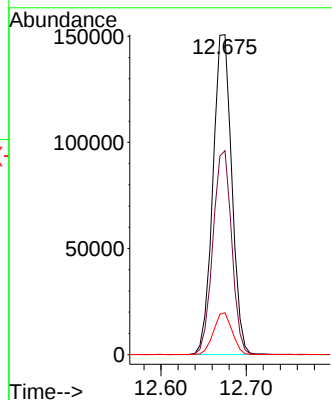
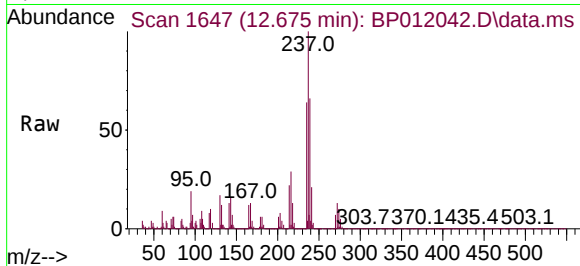




#40
Hexachlorocyclopentadiene
Concen: 28.425 ng/ul
RT: 12.675 min Scan# 1647
Delta R.T. 0.000 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

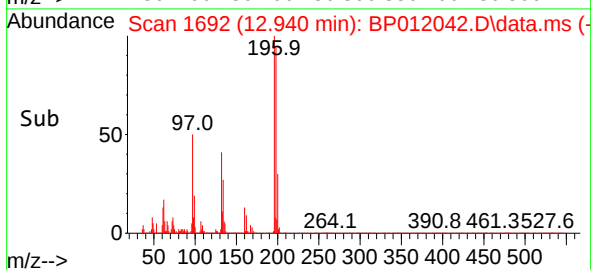
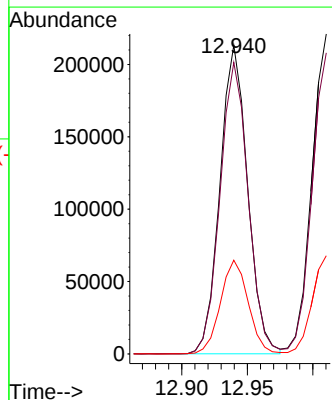
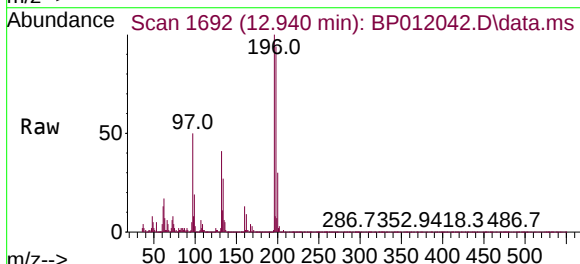
Instrument :
BNA_P
ClientSampleId :
SLCS209

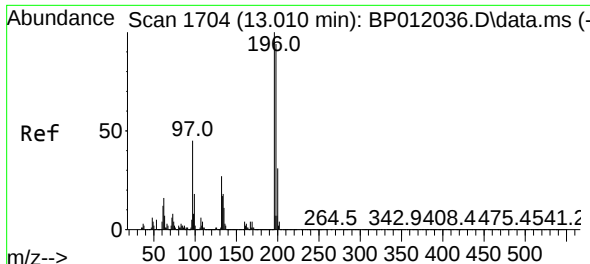
Tgt Ion:237 Resp: 231457
Ion Ratio Lower Upper
237 100
235 63.7 49.8 74.8
272 13.1 9.9 14.9



#41
2,4,6-Trichlorophenol
Concen: 31.036 ng/ul
RT: 12.940 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

Tgt Ion:196 Resp: 313418
Ion Ratio Lower Upper
196 100
198 94.4 76.2 114.2
200 30.4 24.2 36.2

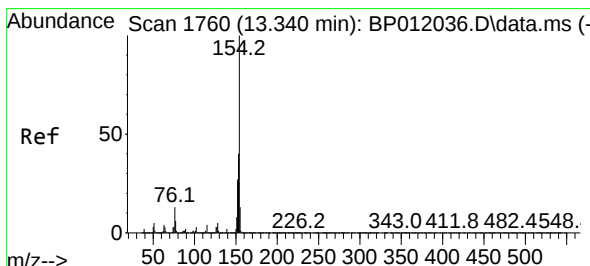
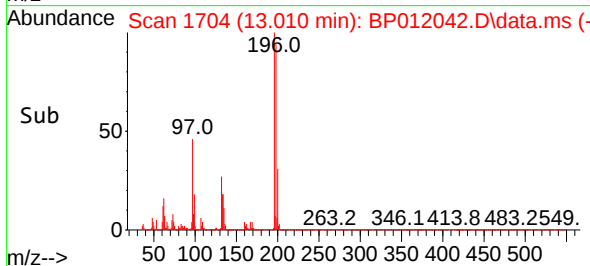
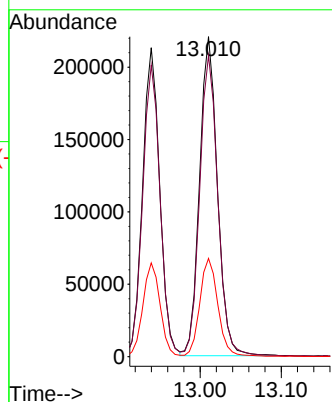
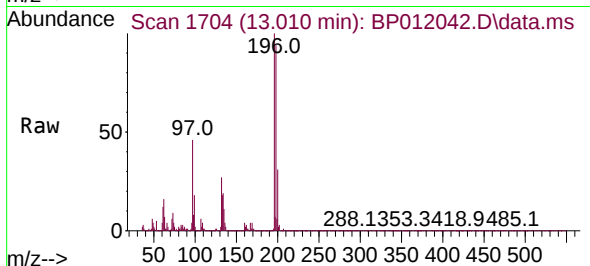




#42
2,4,5-Trichlorophenol
Concen: 30.811 ng/ul
RT: 13.010 min Scan# 1704
Delta R.T. 0.000 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

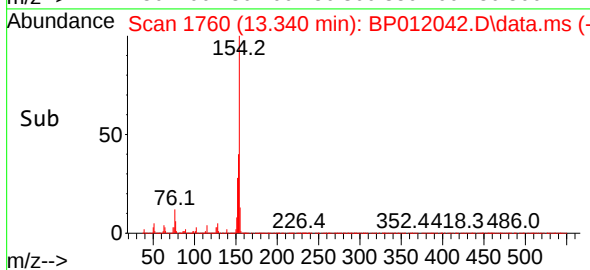
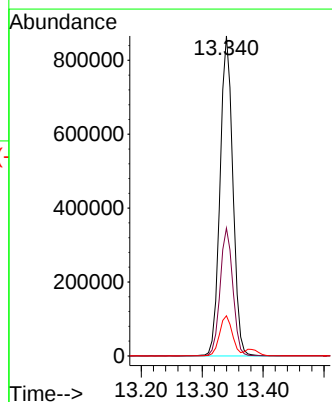
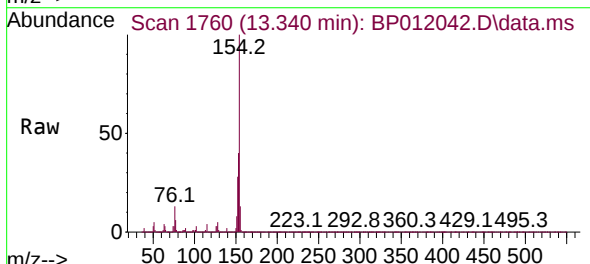
Instrument :
BNA_P
ClientSampleId :
SLCS209

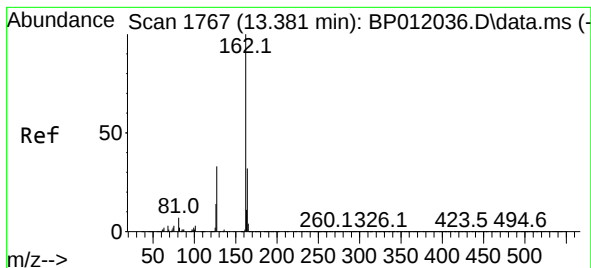
Tgt Ion:196 Resp: 338150
Ion Ratio Lower Upper
196 100
198 94.1 75.4 113.2
200 30.7 24.8 37.2



#43
1,1'-Biphenyl
Concen: 30.552 ng/ul
RT: 13.340 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

Tgt Ion:154 Resp: 1264917
Ion Ratio Lower Upper
154 100
153 39.9 32.2 48.2
76 12.5 10.3 15.5

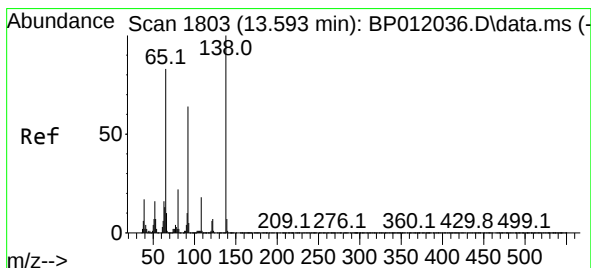
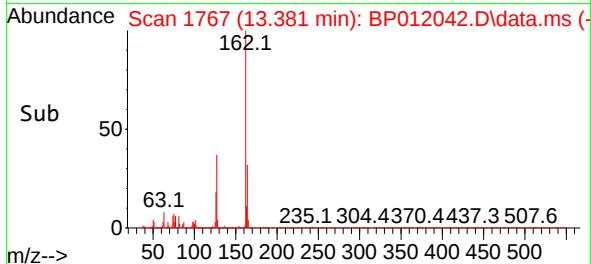
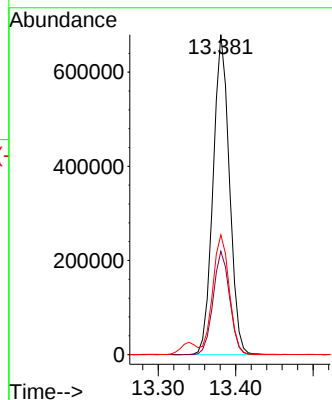
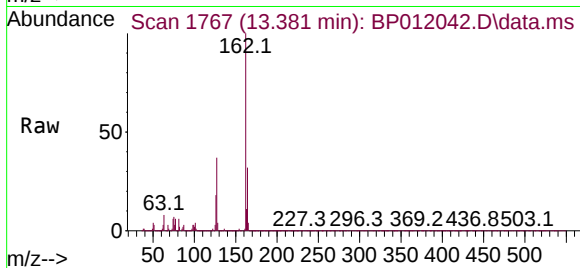




#44
2-Chloronaphthalene
Concen: 30.129 ng/ul
RT: 13.381 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

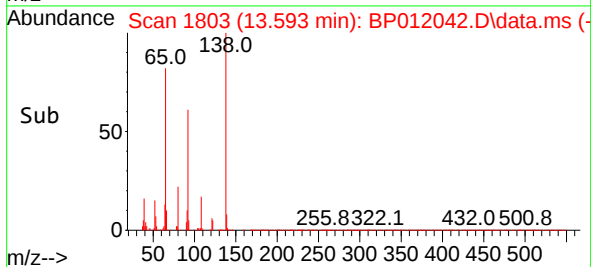
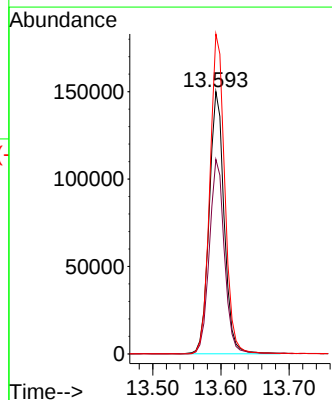
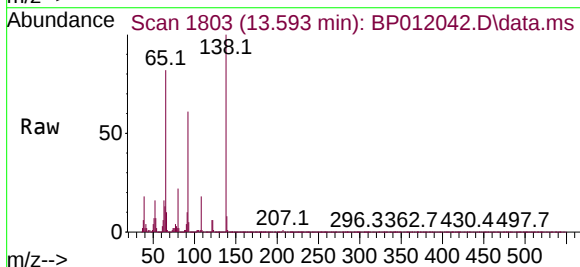
Instrument :
BNA_P
ClientSampleId :
SLCS209

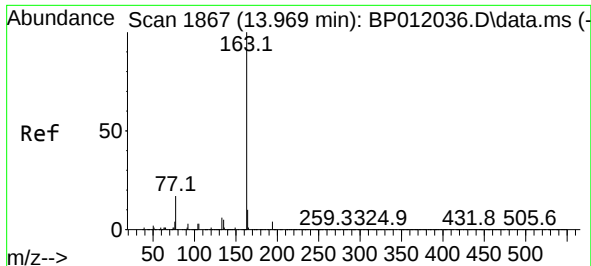
Tgt Ion:162 Resp: 996129
Ion Ratio Lower Upper
162 100
164 32.3 26.0 39.0
127 37.4 29.4 44.2



#45
2-Nitroaniline
Concen: 32.479 ng/ul
RT: 13.593 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

Tgt Ion: 65 Resp: 229068
Ion Ratio Lower Upper
65 100
92 74.1 61.6 92.4
138 122.0 96.5 144.7

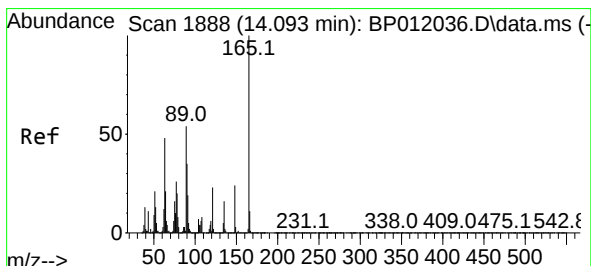
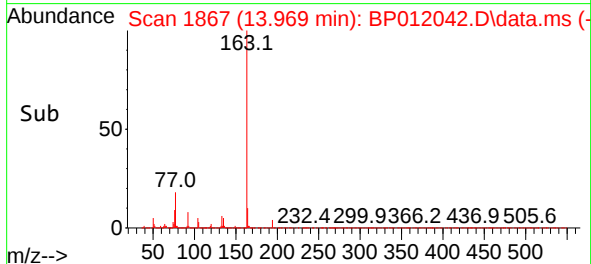
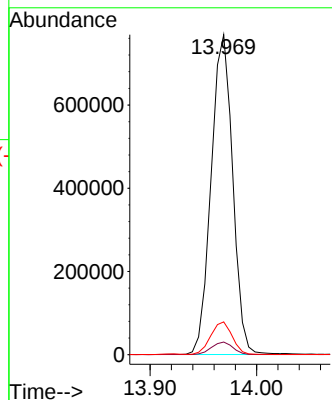
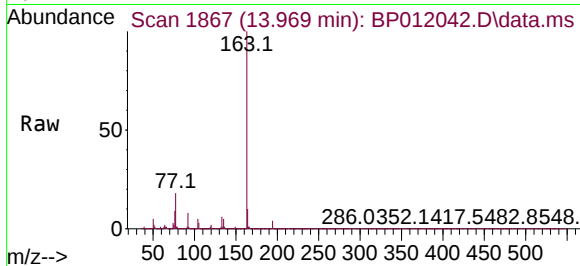




#47
Dimethylphthalate
Concen: 29.510 ng/ul
RT: 13.969 min Scan# 1867
Delta R.T. 0.000 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

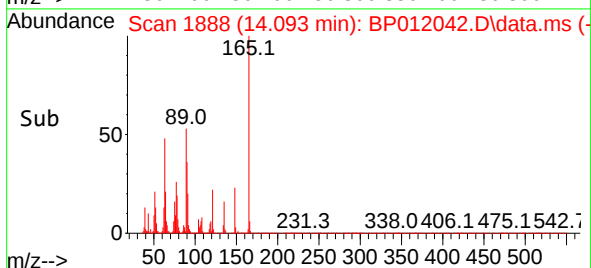
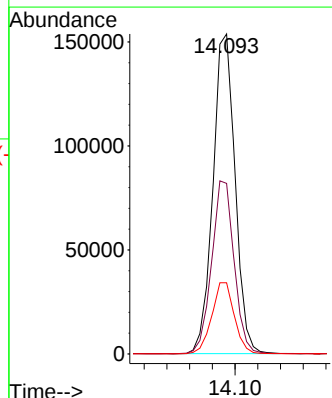
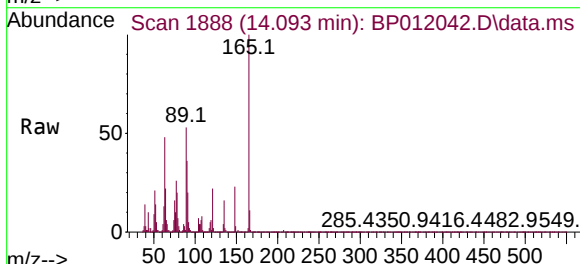
Instrument :
BNA_P
ClientSampleId :
SLCS209

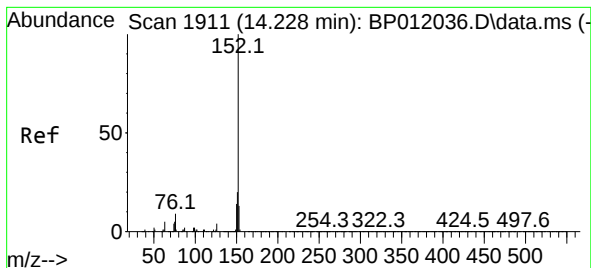
Tgt Ion:163 Resp: 1079863
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.2 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 32.146 ng/ul
RT: 14.093 min Scan# 1888
Delta R.T. 0.000 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

Tgt Ion:165 Resp: 208269
Ion Ratio Lower Upper
165 100
89 53.3 43.4 65.0
121 22.2 18.1 27.1

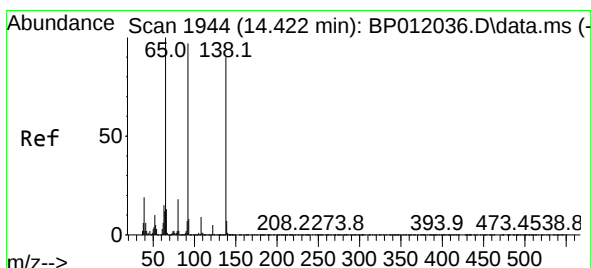
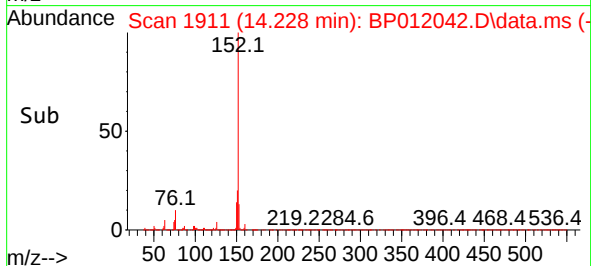
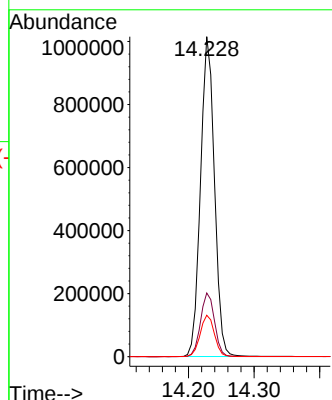
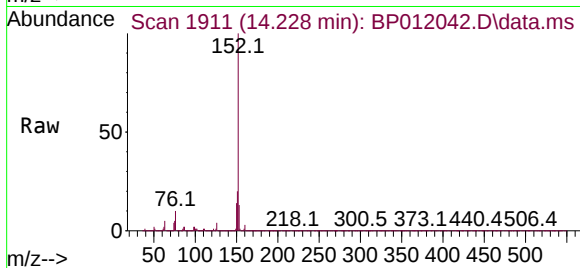




#50
Acenaphthylene
Concen: 30.628 ng/ul
RT: 14.228 min Scan# 1911
Delta R.T. 0.000 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

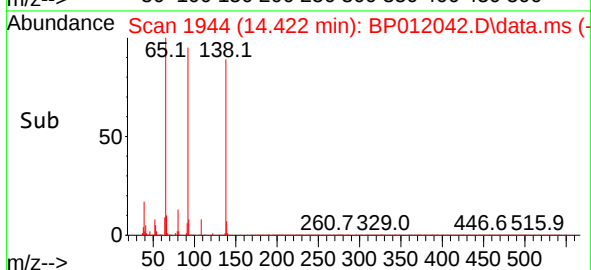
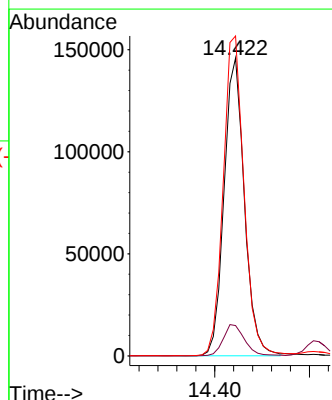
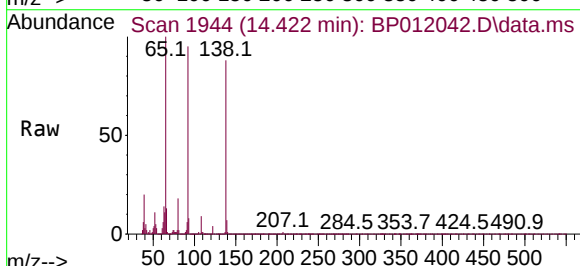
Instrument :
BNA_P
ClientSampleId :
SLCS209

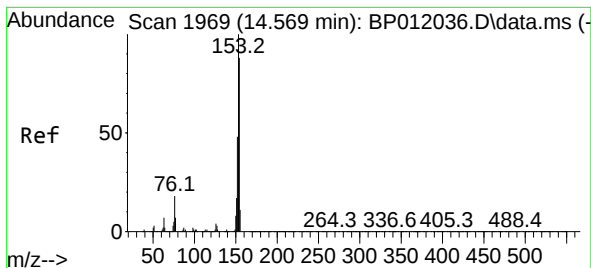
Tgt Ion:152 Resp: 1488418
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 12.9 10.4 15.6



#51
3-Nitroaniline
Concen: 28.856 ng/ul
RT: 14.422 min Scan# 1944
Delta R.T. 0.000 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

Tgt Ion:138 Resp: 217692
Ion Ratio Lower Upper
138 100
108 10.2 8.5 12.7
92 107.5 85.8 128.8





#52

Acenaphthene

Concen: 29.630 ng/ul

RT: 14.569 min Scan# 1969

Delta R.T. 0.000 min

Lab File: BP012042.D

Acq: 11 Oct 2022 16:13

Instrument :

BNA_P

ClientSampleId :

SLCS209

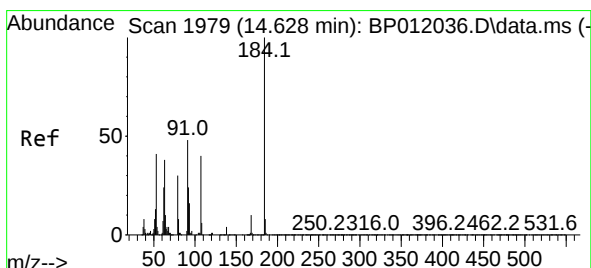
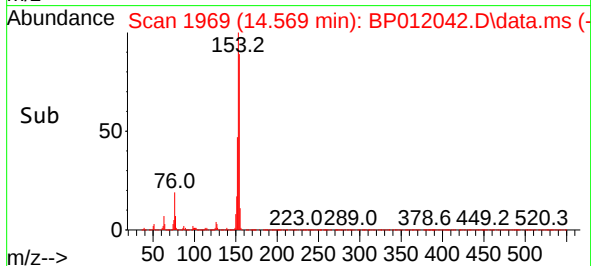
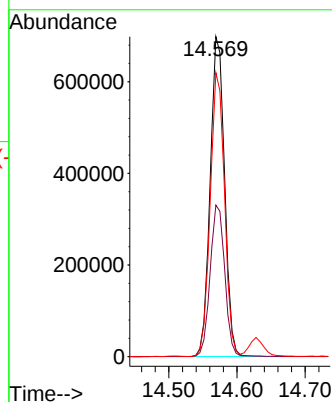
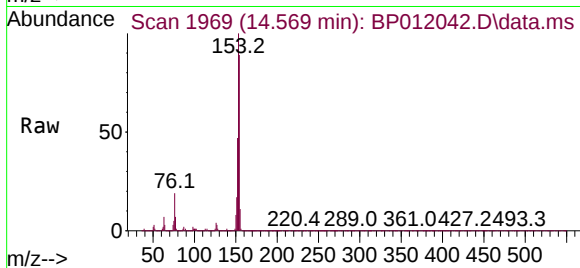
Tgt Ion:153 Resp: 1025068

Ion Ratio Lower Upper

153 100

152 47.4 38.2 57.2

154 88.8 70.6 105.8



#53

2,4-Dinitrophenol

Concen: 25.682 ng/ul

RT: 14.628 min Scan# 1979

Delta R.T. 0.000 min

Lab File: BP012042.D

Acq: 11 Oct 2022 16:13

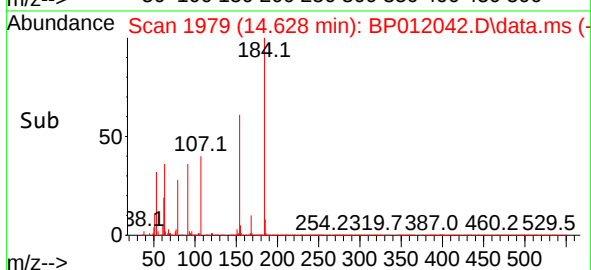
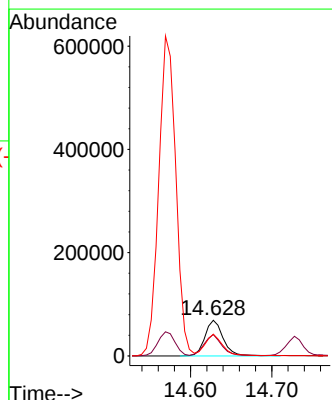
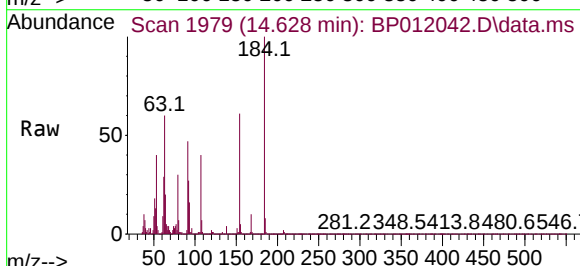
Tgt Ion:184 Resp: 107489

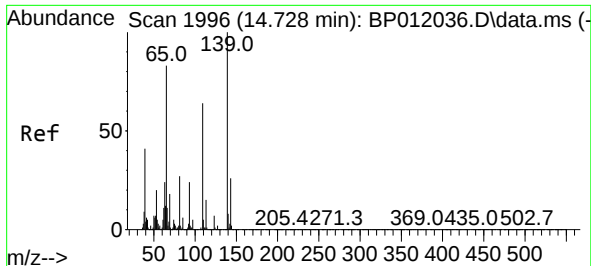
Ion Ratio Lower Upper

184 100

63 59.8 45.5 68.3

154 60.7 47.0 70.6

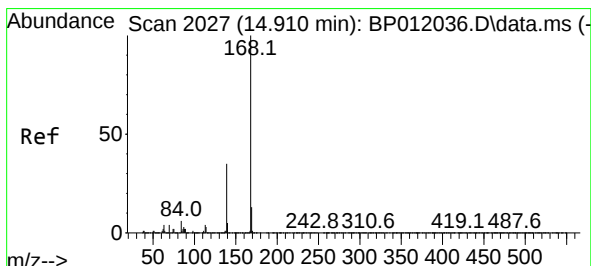
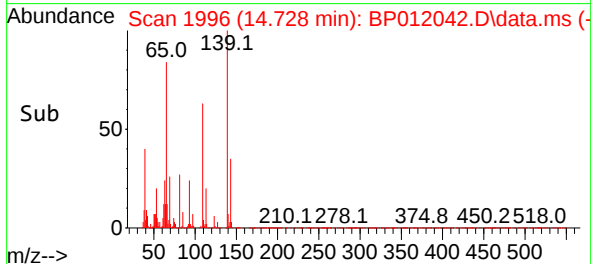
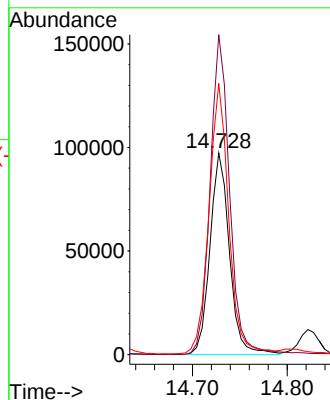
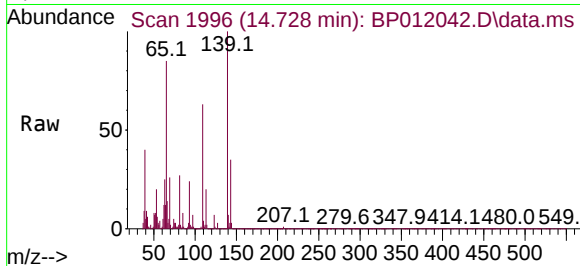




#55
4-Nitrophenol
Concen: 29.479 ng/ul
RT: 14.728 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

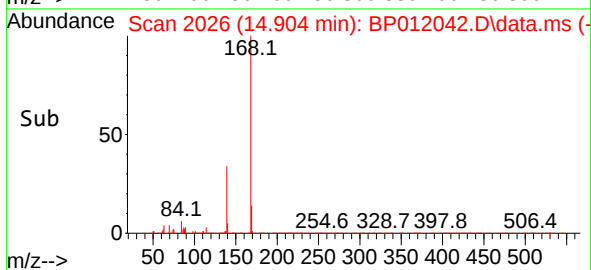
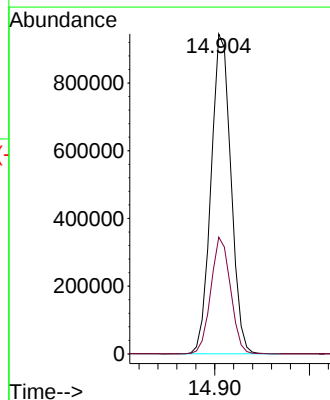
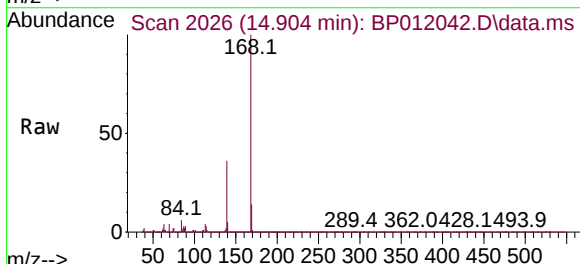
Instrument :
BNA_P
ClientSampleId :
SLCS209

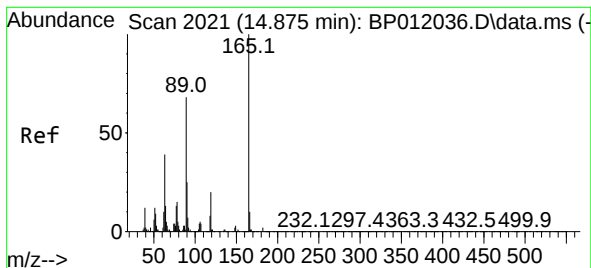
Tgt Ion:109 Resp: 138967
Ion Ratio Lower Upper
109 100
139 158.6 124.1 186.1
65 134.4 104.2 156.4



#56
Dibenzofuran
Concen: 29.478 ng/ul
RT: 14.904 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

Tgt Ion:168 Resp: 1378280
Ion Ratio Lower Upper
168 100
139 36.5 28.2 42.4





#57

2,4-Dinitrotoluene

Concen: 32.031 ng/ul

RT: 14.881 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BP012042.D

Acq: 11 Oct 2022 16:13

Instrument :

BNA_P

ClientSampleId :

SLCS209

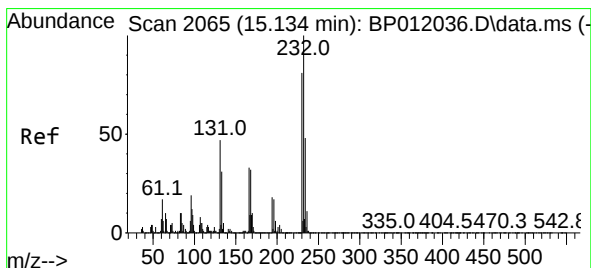
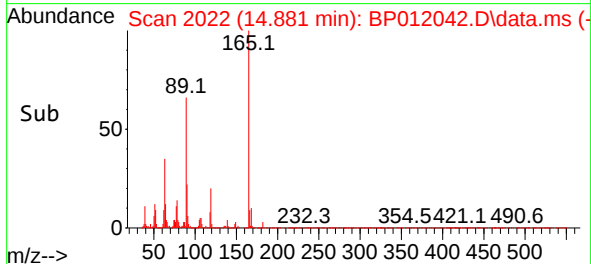
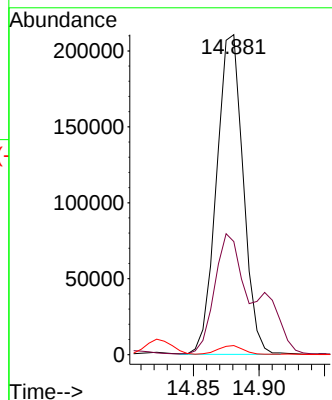
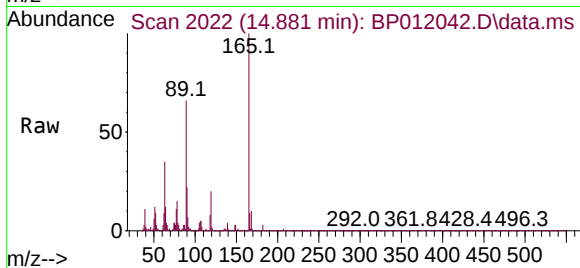
Tgt Ion:165 Resp: 298244

Ion Ratio Lower Upper

165 100

63 35.3 31.1 46.7

182 2.8 1.8 2.6#



#58

2,3,4,6-Tetrachlorophenol

Concen: 30.082 ng/ul

RT: 15.134 min Scan# 2065

Delta R.T. 0.000 min

Lab File: BP012042.D

Acq: 11 Oct 2022 16:13

Tgt Ion:232 Resp: 257330

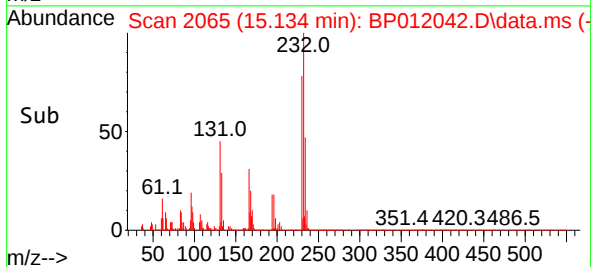
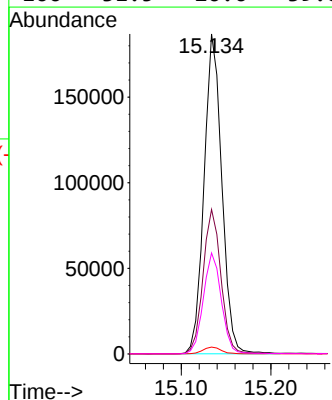
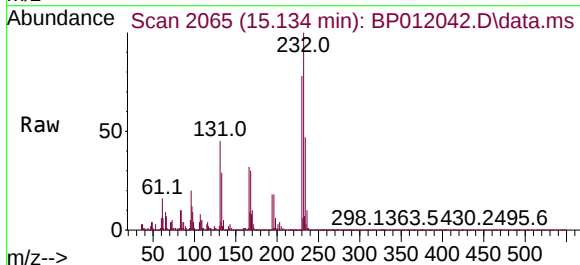
Ion Ratio Lower Upper

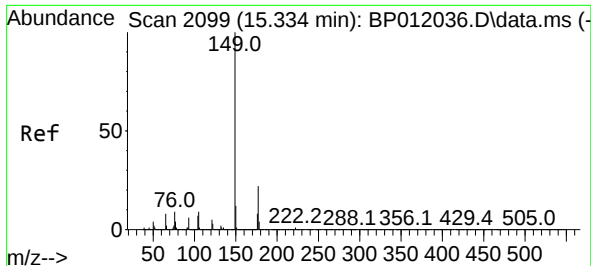
232 100

131 45.1 37.8 56.6

130 2.1 1.8 2.6

166 31.5 26.6 39.8

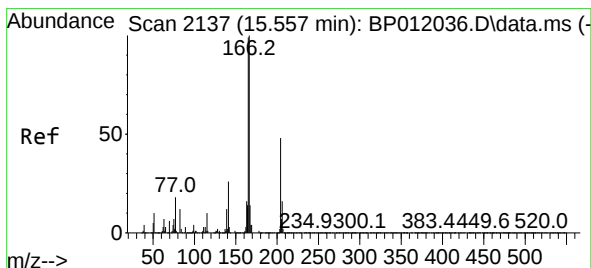
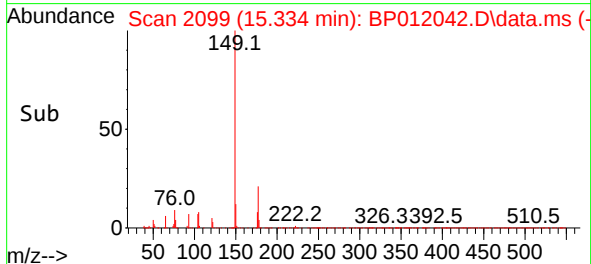
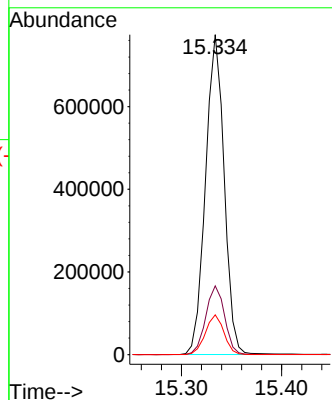
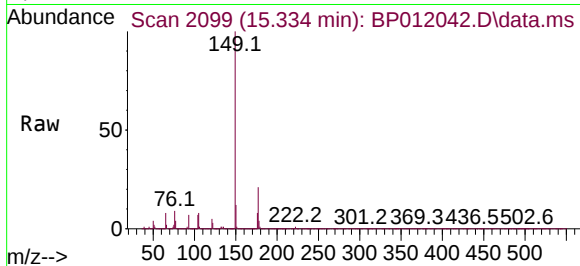




#59
Diethylphthalate
Concen: 29.743 ng/ul
RT: 15.334 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

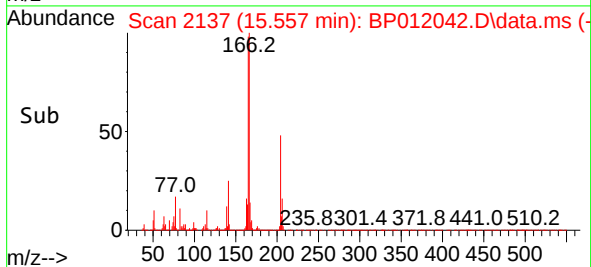
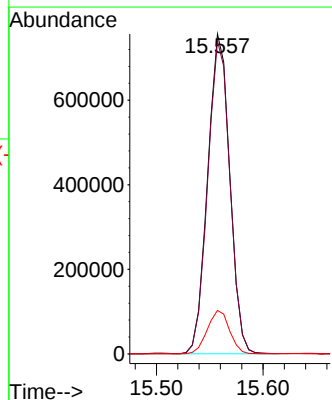
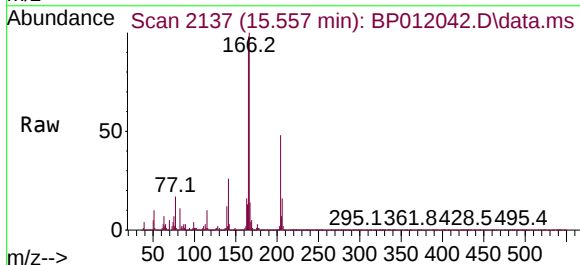
Instrument :
BNA_P
ClientSampleId :
SLCS209

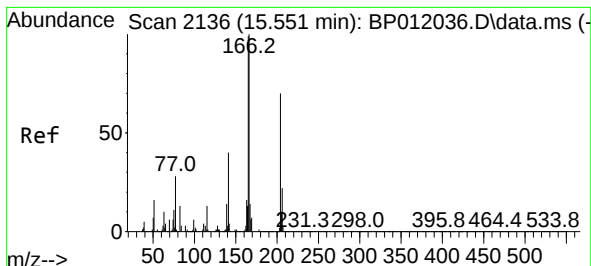
Tgt Ion:149 Resp: 996797
Ion Ratio Lower Upper
149 100
177 21.5 17.5 26.3
150 12.4 9.8 14.8



#61
Fluorene
Concen: 29.692 ng/ul
RT: 15.557 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

Tgt Ion:166 Resp: 1089761
Ion Ratio Lower Upper
166 100
165 97.8 79.5 119.3
167 13.6 10.9 16.3

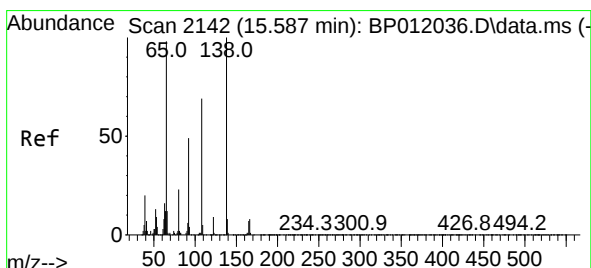
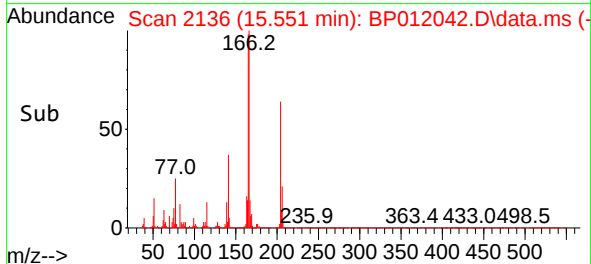
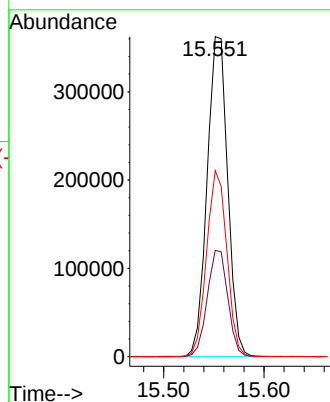
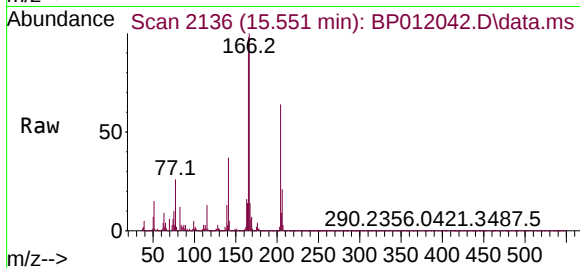




#62
4-Chlorophenyl-phenylether
Concen: 29.086 ng/ul
RT: 15.551 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

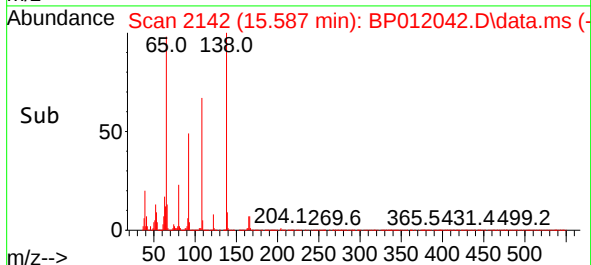
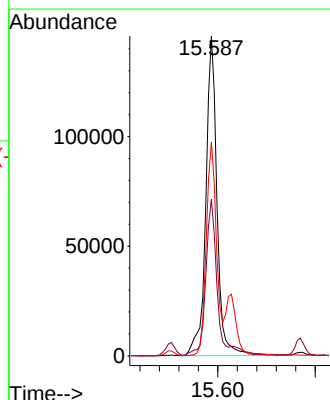
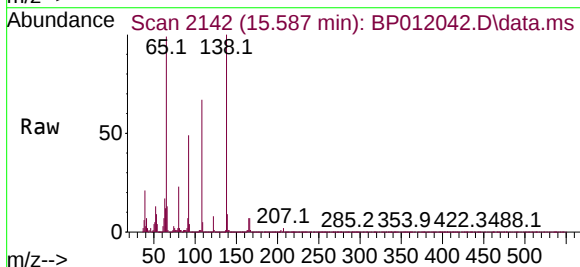
Instrument :
BNA_P
ClientSampleId :
SLCS209

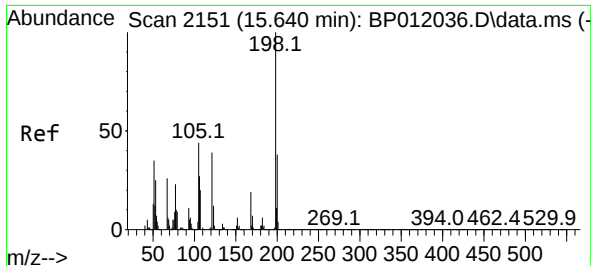
Tgt Ion:204 Resp: 516414
Ion Ratio Lower Upper
204 100
206 33.2 25.4 38.2
141 58.1 46.2 69.2



#63
4-Nitroaniline
Concen: 34.078 ng/ul
RT: 15.587 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

Tgt Ion:138 Resp: 234745
Ion Ratio Lower Upper
138 100
92 48.9 39.2 58.8
108 66.9 55.4 83.0

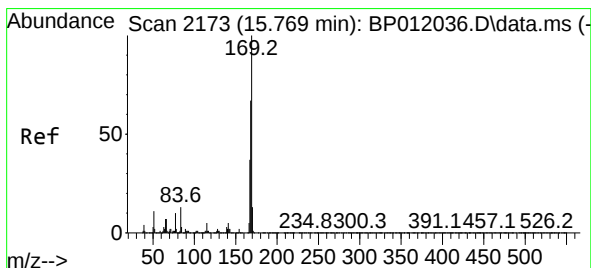
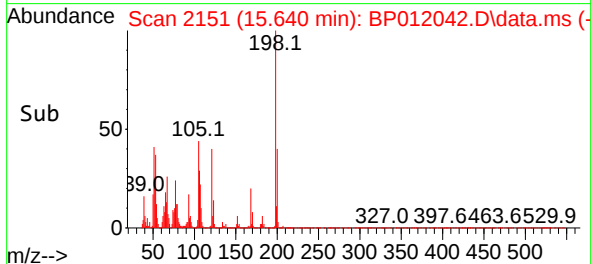
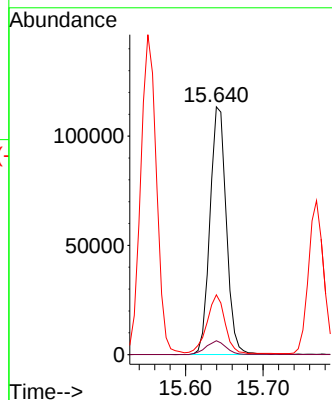
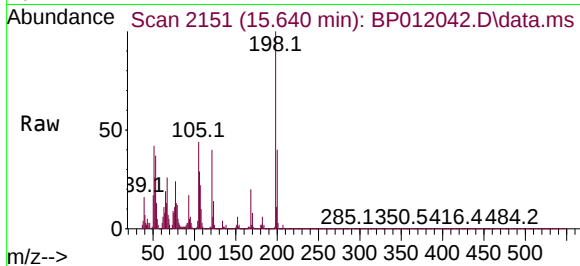




#66
4,6-Dinitro-2-methylphenol
Concen: 29.261 ng/ul
RT: 15.640 min Scan# 2151
Delta R.T. 0.000 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

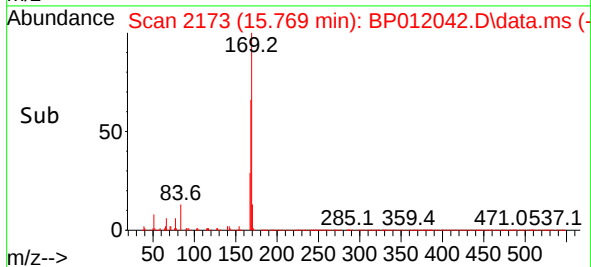
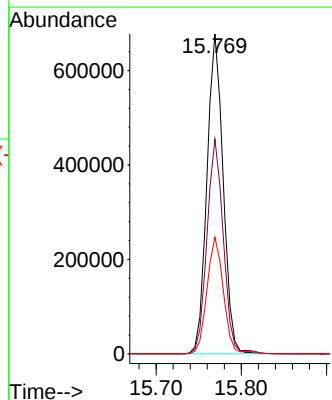
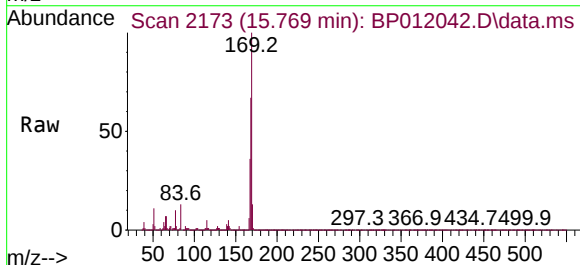
Instrument :
BNA_P
ClientSampleId :
SLCS209

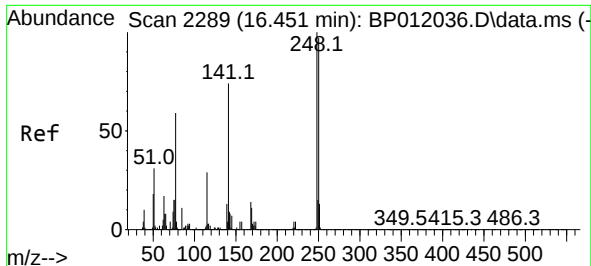
Tgt Ion:198 Resp: 166283
Ion Ratio Lower Upper
198 100
182 5.6 4.9 7.3
77 24.1 20.0 30.0



#67
N-Nitrosodiphenylamine
Concen: 30.303 ng/ul
RT: 15.769 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

Tgt Ion:169 Resp: 892911
Ion Ratio Lower Upper
169 100
168 67.1 53.5 80.3
167 36.4 29.5 44.3

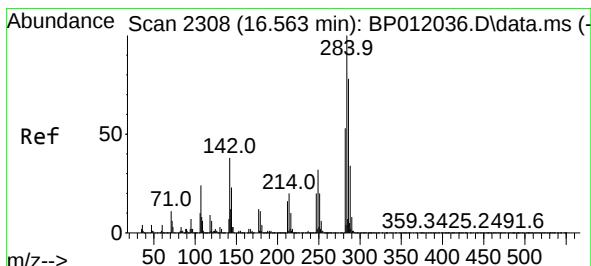
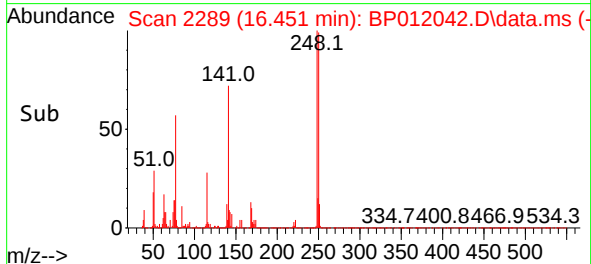
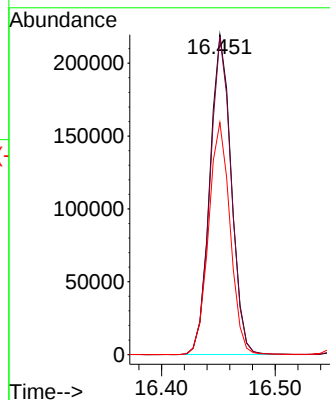
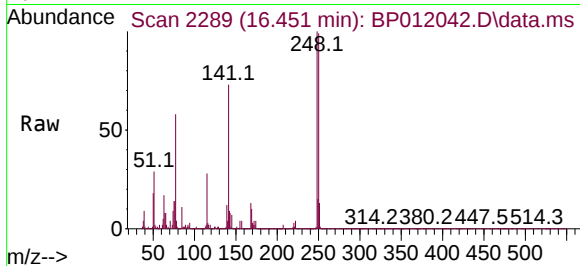




#68
4-Bromophenyl-phenylether
Concen: 29.736 ng/ul
RT: 16.451 min Scan# 2289
Delta R.T. 0.000 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

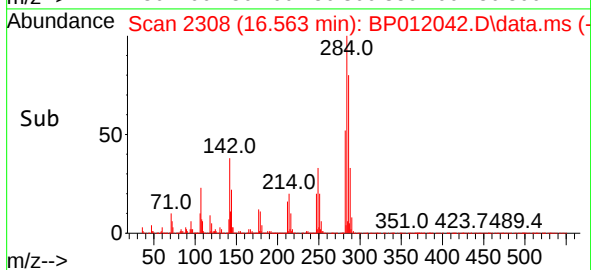
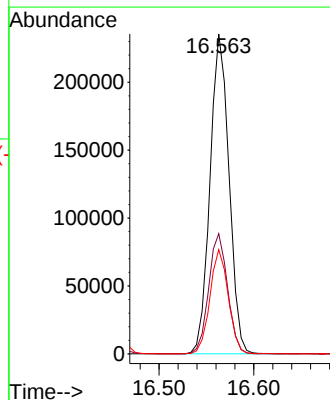
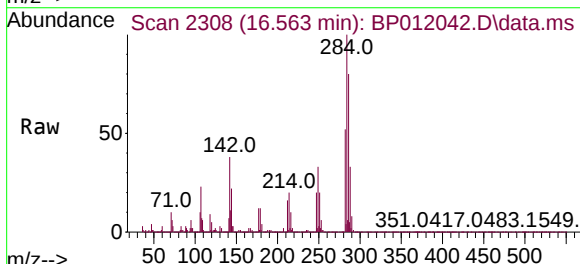
Instrument :
BNA_P
ClientSampleId :
SLCS209

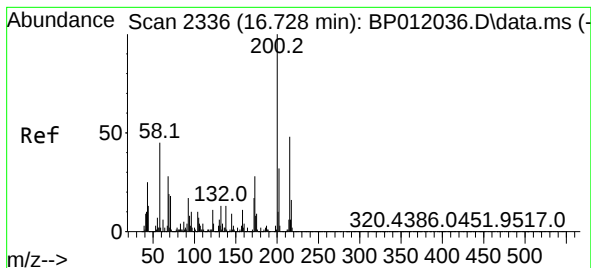
Tgt Ion:248 Resp: 288059
Ion Ratio Lower Upper
248 100
250 99.4 77.9 116.9
141 72.5 59.5 89.3



#69
Hexachlorobenzene
Concen: 29.204 ng/ul
RT: 16.563 min Scan# 2308
Delta R.T. 0.000 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

Tgt Ion:284 Resp: 328358
Ion Ratio Lower Upper
284 100
142 37.6 30.5 45.7
249 32.6 25.4 38.0





#70

Atrazine

Concen: 30.531 ng/ul

RT: 16.728 min Scan# 2336

Delta R.T. 0.000 min

Lab File: BP012042.D

Acq: 11 Oct 2022 16:13

Instrument :

BNA_P

ClientSampleId :

SLCS209

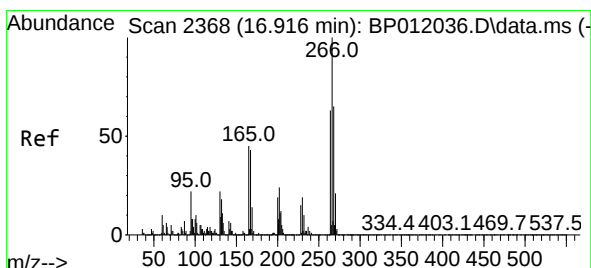
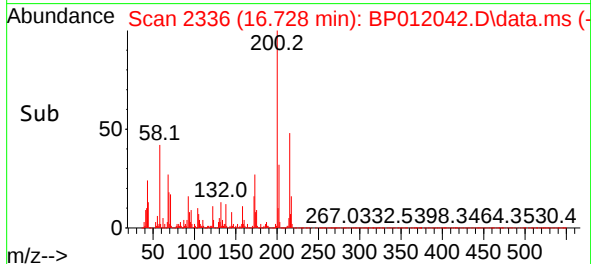
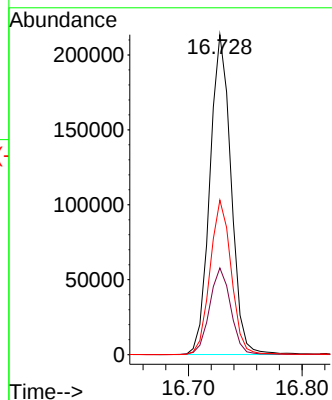
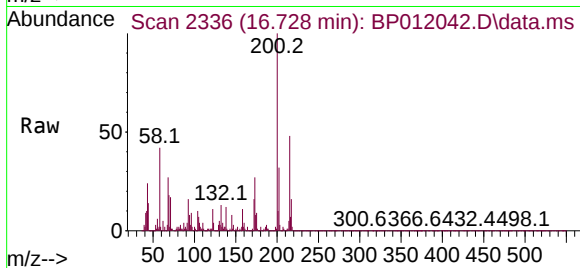
Tgt Ion:200 Resp: 276639

Ion Ratio Lower Upper

200 100

173 27.1 22.1 33.1

215 48.3 38.8 58.2



#71

Pentachlorophenol

Concen: 28.145 ng/ul

RT: 16.916 min Scan# 2368

Delta R.T. 0.000 min

Lab File: BP012042.D

Acq: 11 Oct 2022 16:13

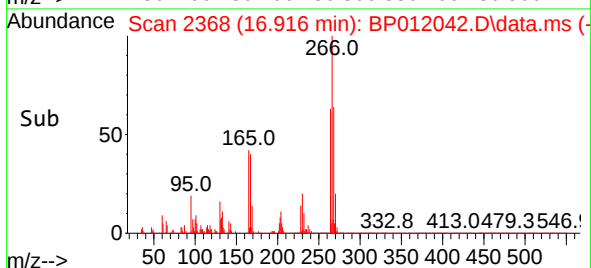
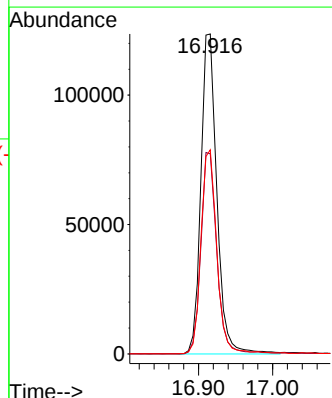
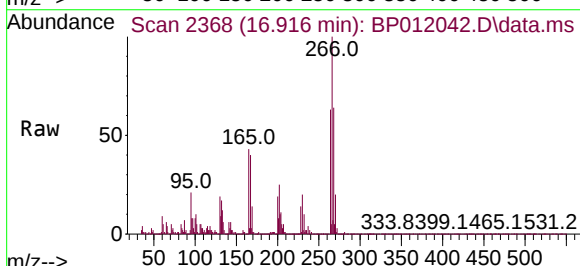
Tgt Ion:266 Resp: 185402

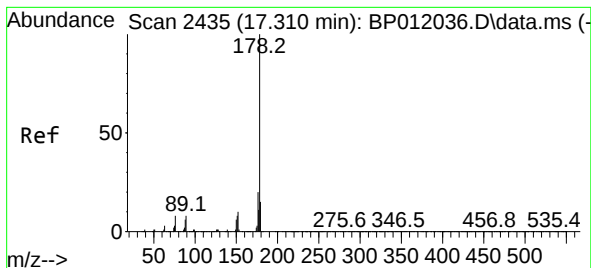
Ion Ratio Lower Upper

266 100

264 62.5 50.6 75.8

268 63.8 51.8 77.6





#72

Phenanthrene

Concen: 29.808 ng/ul

RT: 17.310 min Scan# 2435

Delta R.T. 0.000 min

Lab File: BP012042.D

Acq: 11 Oct 2022 16:13

Instrument :

BNA_P

ClientSampleId :

SLCS209

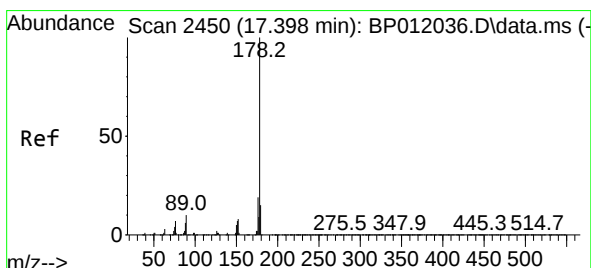
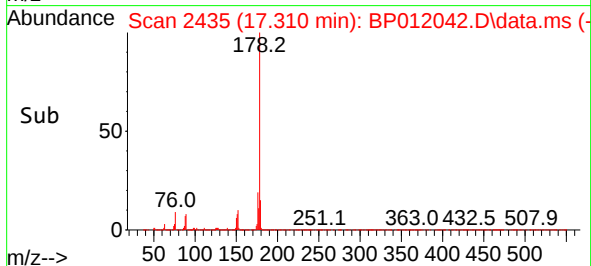
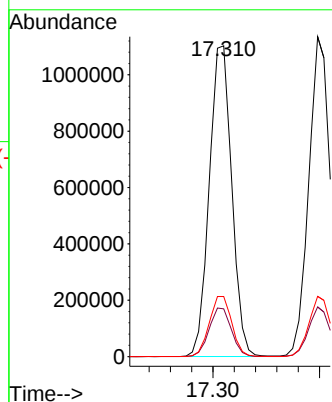
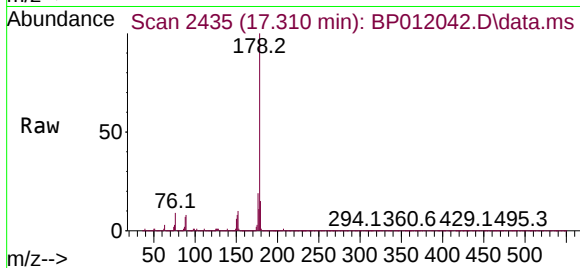
Tgt Ion:178 Resp: 1613790

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

176 19.3 15.8 23.6



#74

Anthracene

Concen: 29.916 ng/ul

RT: 17.398 min Scan# 2450

Delta R.T. 0.000 min

Lab File: BP012042.D

Acq: 11 Oct 2022 16:13

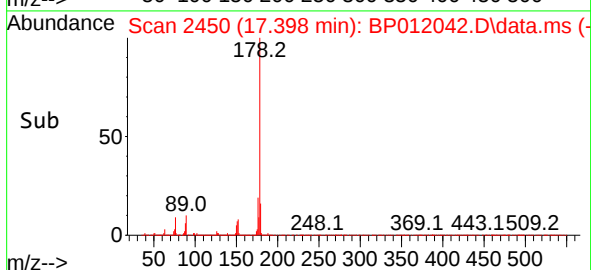
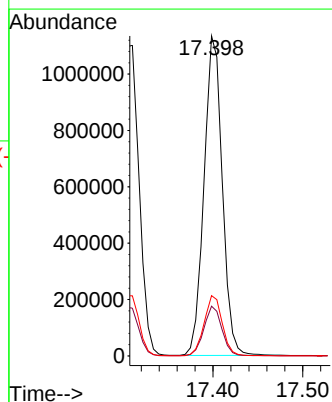
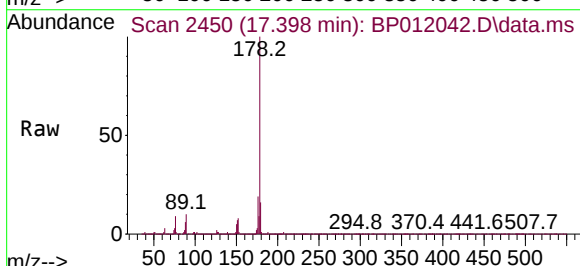
Tgt Ion:178 Resp: 1602770

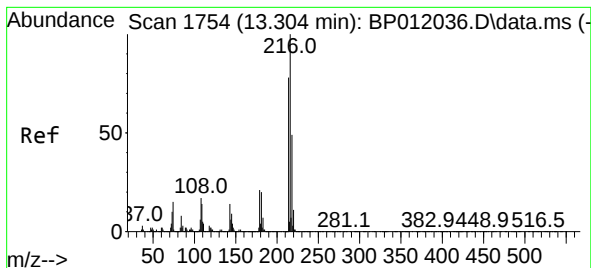
Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.4

176 18.8 14.8 22.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 31.370 ng/uL

RT: 13.304 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP012042.D

Acq: 11 Oct 2022 16:13

Instrument :

BNA_P

ClientSampleId :

SLCS209

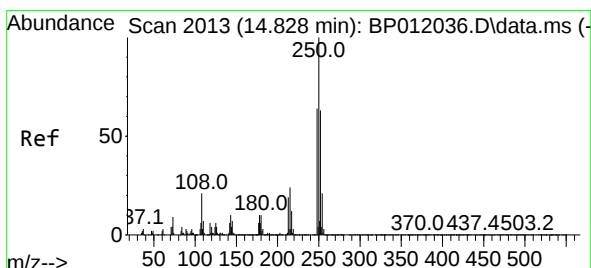
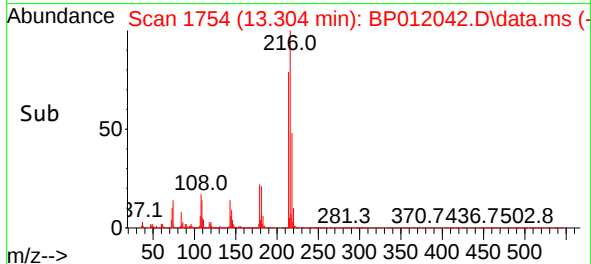
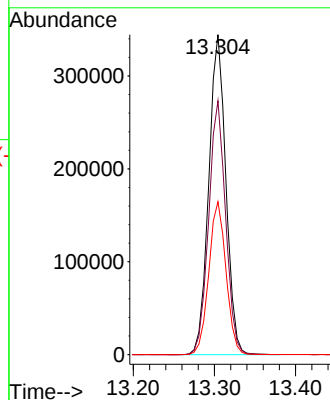
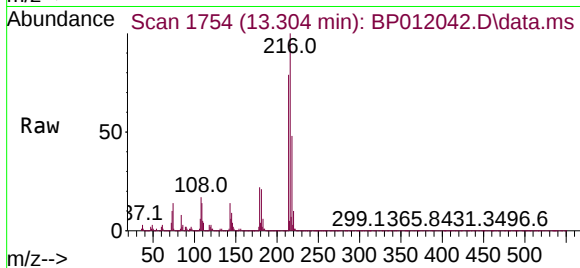
Tgt Ion:216 Resp: 504635

Ion Ratio Lower Upper

216 100

214 79.3 62.6 94.0

218 47.8 38.9 58.3



#76

Pentachlorobenzene

Concen: 27.952 ng/uL

RT: 14.822 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BP012042.D

Acq: 11 Oct 2022 16:13

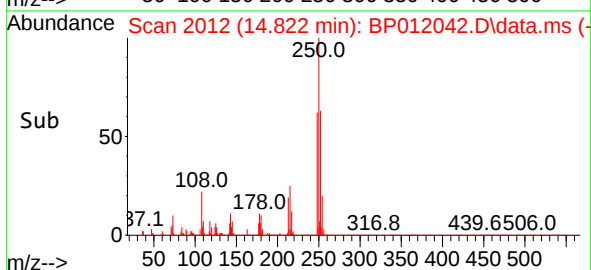
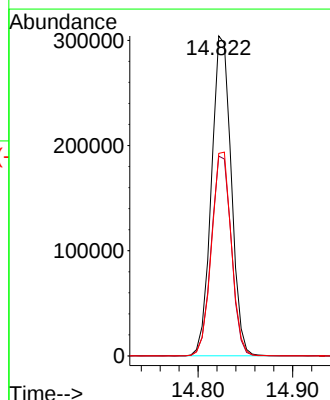
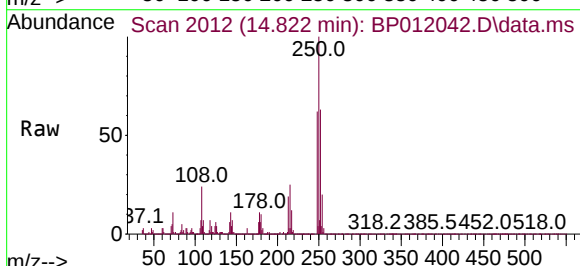
Tgt Ion:250 Resp: 441603

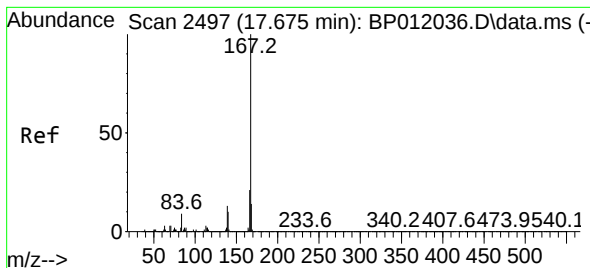
Ion Ratio Lower Upper

250 100

248 62.4 51.4 77.2

252 63.3 50.7 76.1





#77

Carbazole

Concen: 30.347 ng/ul

RT: 17.675 min Scan# 2497

Delta R.T. 0.000 min

Lab File: BP012042.D

Acq: 11 Oct 2022 16:13

Instrument :

BNA_P

ClientSampleId :

SLCS209

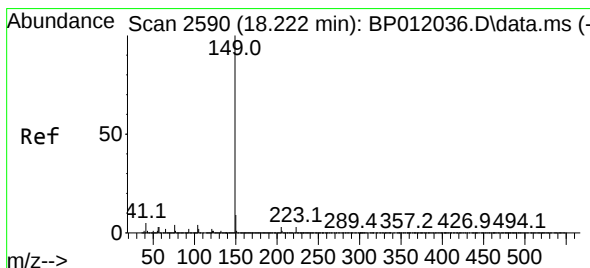
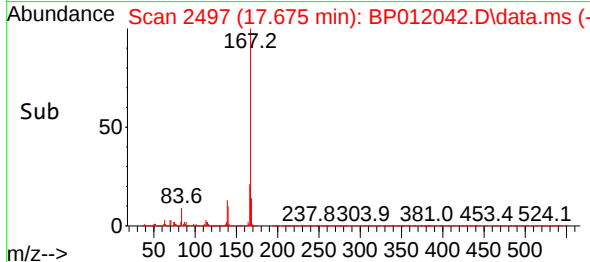
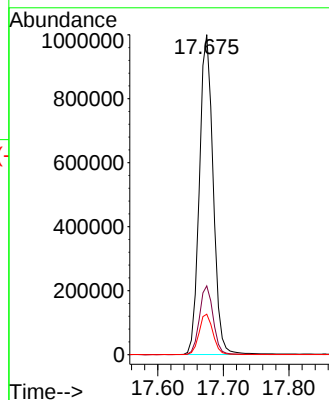
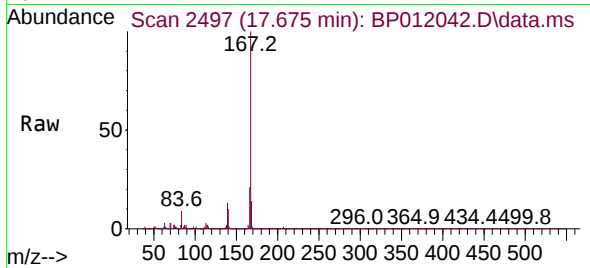
Tgt Ion:167 Resp: 1450093

Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.6

139 12.6 10.1 15.1



#78

Di-n-butylphthalate

Concen: 35.997 ng/ul

RT: 18.222 min Scan# 2590

Delta R.T. 0.000 min

Lab File: BP012042.D

Acq: 11 Oct 2022 16:13

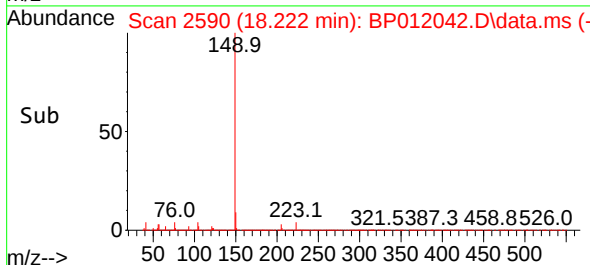
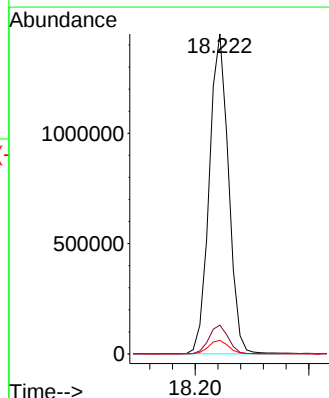
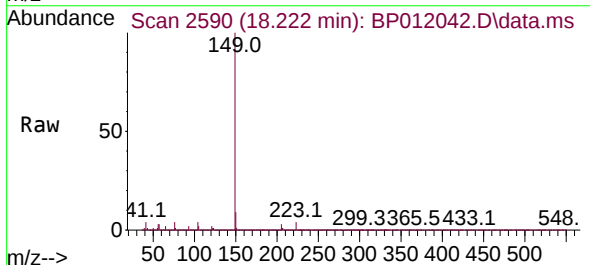
Tgt Ion:149 Resp: 1706923

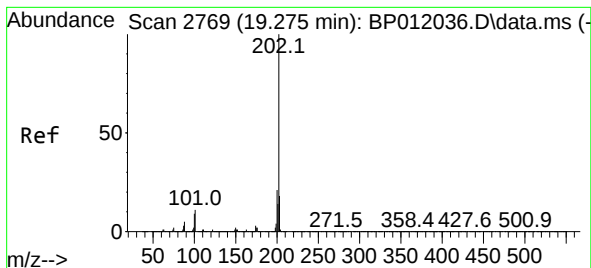
Ion Ratio Lower Upper

149 100

150 9.0 7.2 10.8

104 4.2 3.4 5.2





#80

Fluoranthene

Concen: 29.191 ng/ul

RT: 19.275 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP012042.D

Acq: 11 Oct 2022 16:13

Instrument :

BNA_P

ClientSampleId :

SLCS209

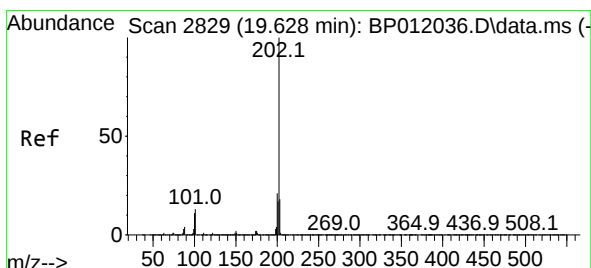
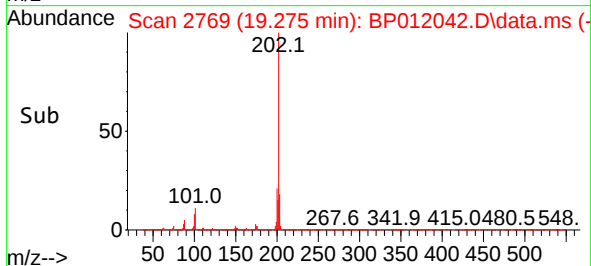
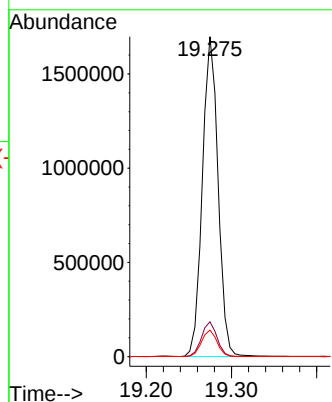
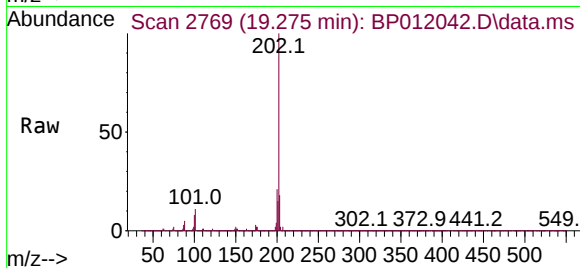
Tgt Ion:202 Resp: 2168719

Ion Ratio Lower Upper

202 100

101 10.9 9.0 13.6

100 8.3 7.0 10.6



#82

Pyrene

Concen: 28.803 ng/ul

RT: 19.628 min Scan# 2829

Delta R.T. 0.000 min

Lab File: BP012042.D

Acq: 11 Oct 2022 16:13

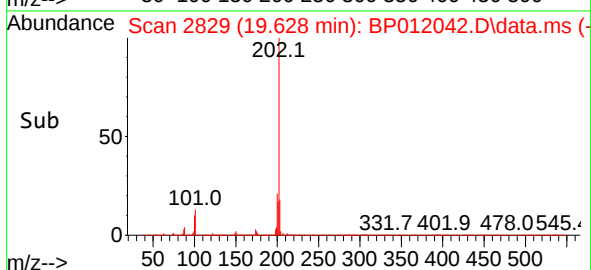
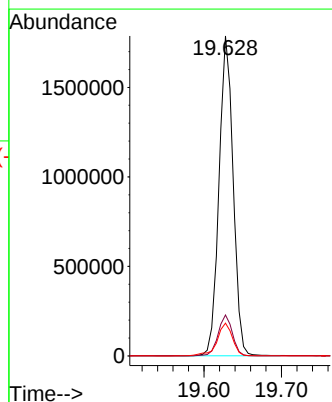
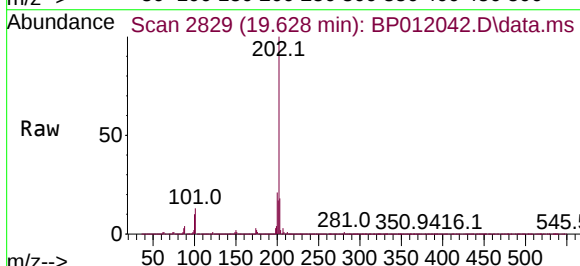
Tgt Ion:202 Resp: 2264634

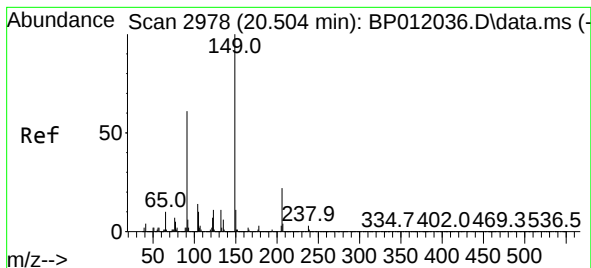
Ion Ratio Lower Upper

202 100

101 12.8 10.4 15.6

100 10.2 8.5 12.7





#83

Butylbenzylphthalate

Concen: 29.095 ng/ul

RT: 20.498 min Scan# 2978

Delta R.T. -0.006 min

Lab File: BP012042.D

Acq: 11 Oct 2022 16:13

Instrument :

BNA_P

ClientSampleId :

SLCS209

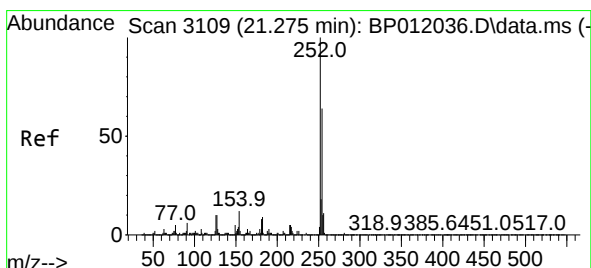
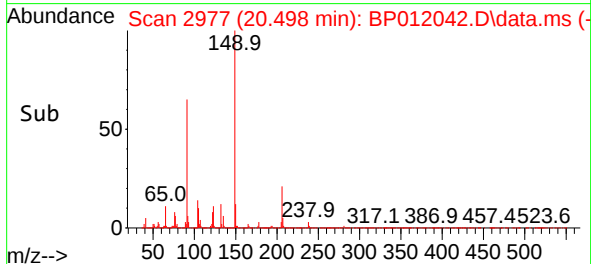
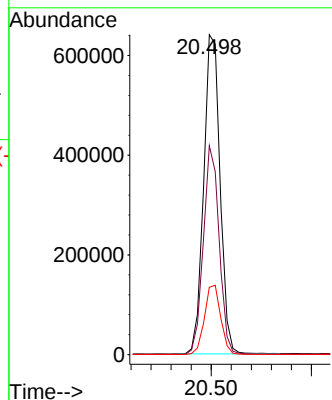
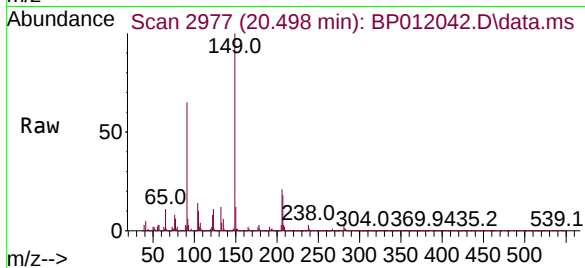
Tgt Ion:149 Resp: 725153

Ion Ratio Lower Upper

149 100

91 65.3 48.5 72.7

206 21.0 17.9 26.9



#84

3,3'-Dichlorobenzidine

Concen: 28.533 ng/ul

RT: 21.275 min Scan# 3109

Delta R.T. 0.000 min

Lab File: BP012042.D

Acq: 11 Oct 2022 16:13

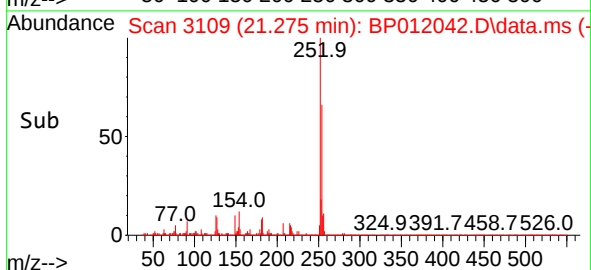
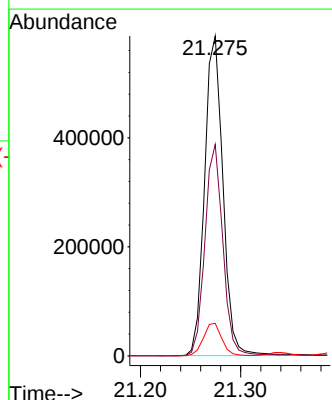
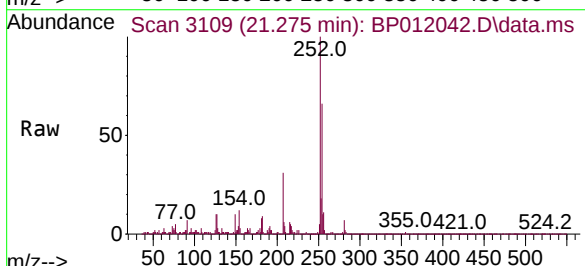
Tgt Ion:252 Resp: 744140

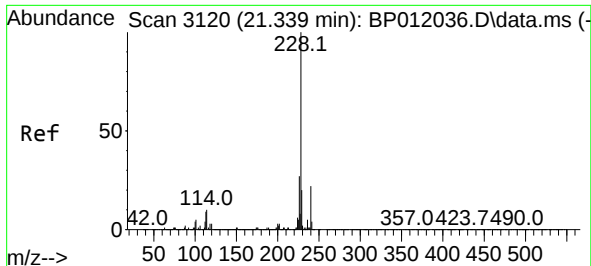
Ion Ratio Lower Upper

252 100

254 66.1 51.4 77.2

126 10.2 7.8 11.8

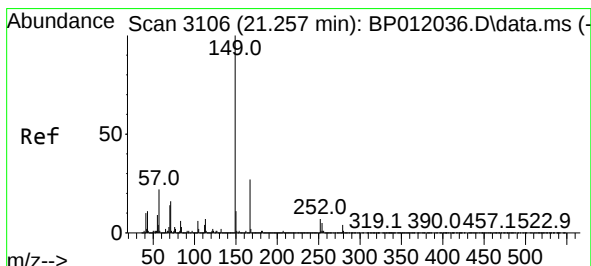
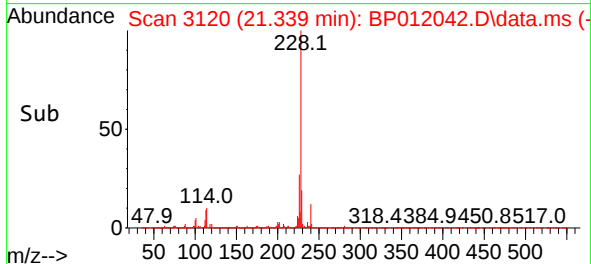
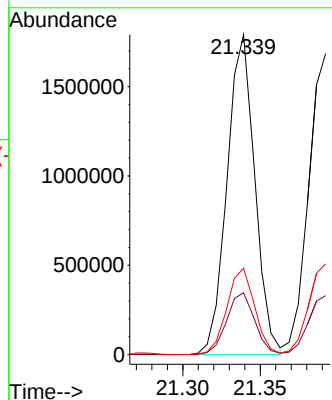
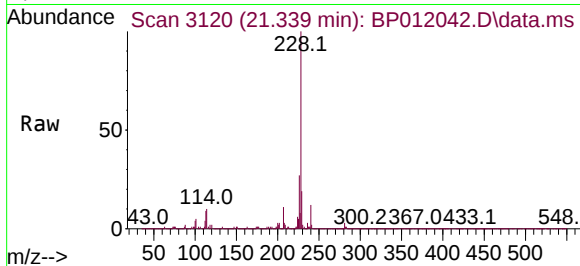




#85
Benzo(a)anthracene
Concen: 29.940 ng/ul
RT: 21.339 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

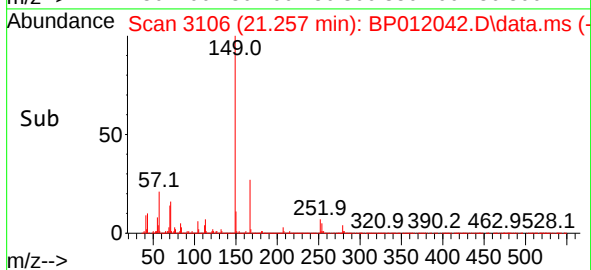
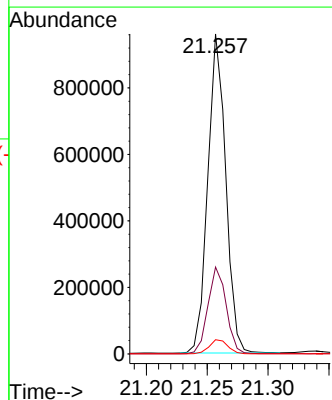
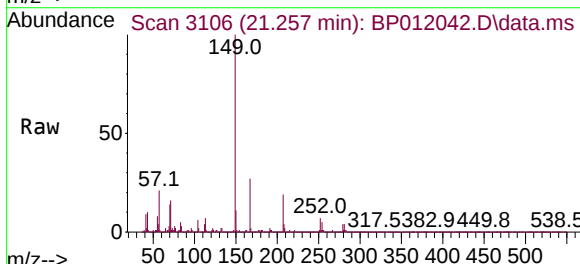
Instrument :
BNA_P
ClientSampleId :
SLCS209

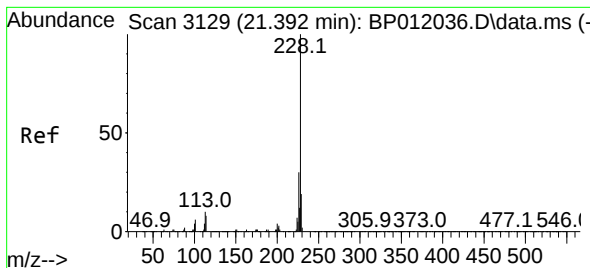
Tgt Ion:228 Resp: 2230380
Ion Ratio Lower Upper
228 100
229 19.3 15.7 23.5
226 27.0 21.9 32.9



#86
Bis(2-ethylhexyl)phthalate
Concen: 29.314 ng/ul
RT: 21.257 min Scan# 3106
Delta R.T. 0.000 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

Tgt Ion:149 Resp: 984952
Ion Ratio Lower Upper
149 100
167 27.1 21.9 32.9
279 4.4 3.4 5.2





#87

Chrysene

Concen: 30.057 ng/ul

RT: 21.392 min Scan# 3129

Delta R.T. 0.000 min

Lab File: BP012042.D

Acq: 11 Oct 2022 16:13

Instrument :

BNA_P

ClientSampleId :

SLCS209

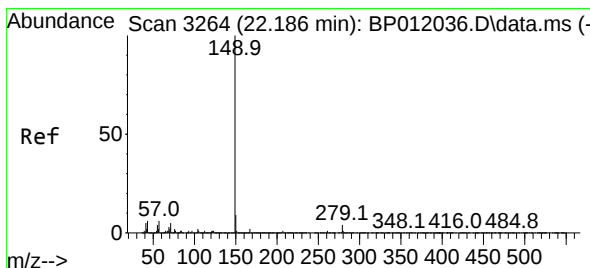
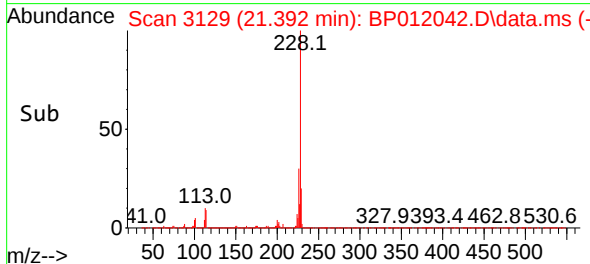
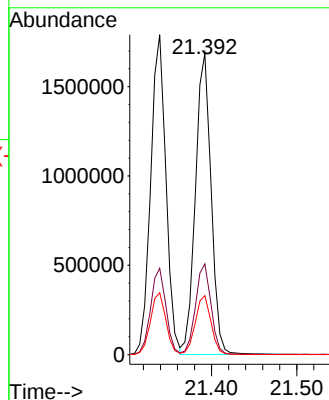
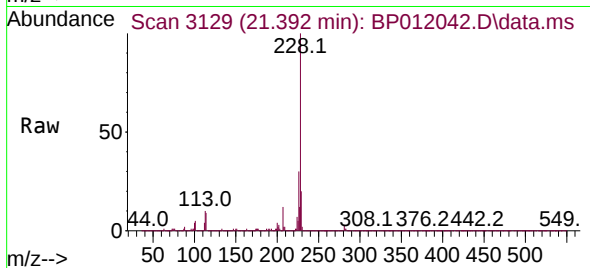
Tgt Ion:228 Resp: 2155335

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

229 19.6 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 26.257 ng/ul

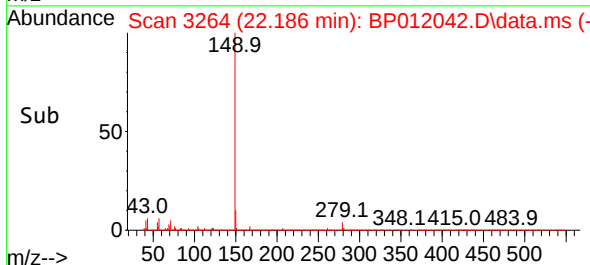
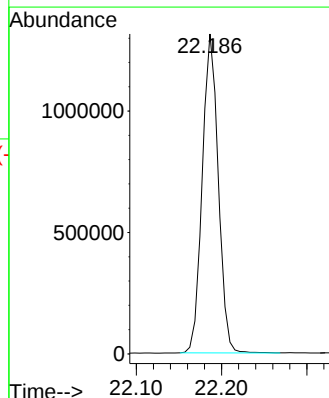
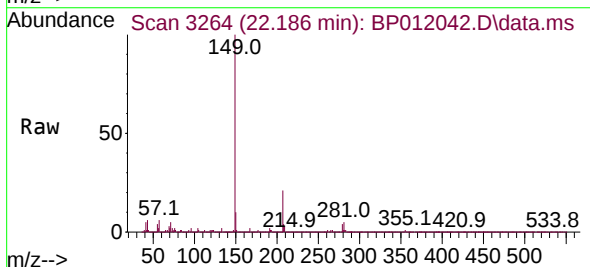
RT: 22.186 min Scan# 3264

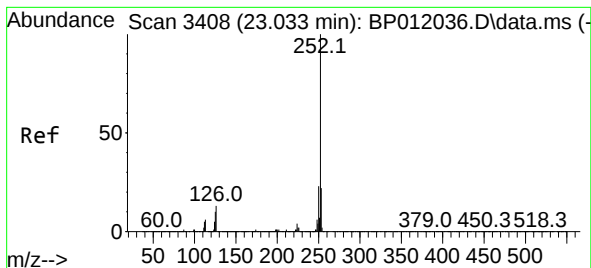
Delta R.T. 0.000 min

Lab File: BP012042.D

Acq: 11 Oct 2022 16:13

Tgt Ion:149 Resp: 1713652





#90

Benzo(b)fluoranthene

Concen: 30.038 ng/ul

RT: 23.033 min Scan# 3408

Delta R.T. 0.000 min

Lab File: BP012042.D

Acq: 11 Oct 2022 16:13

Instrument :

BNA_P

ClientSampleId :

SLCS209

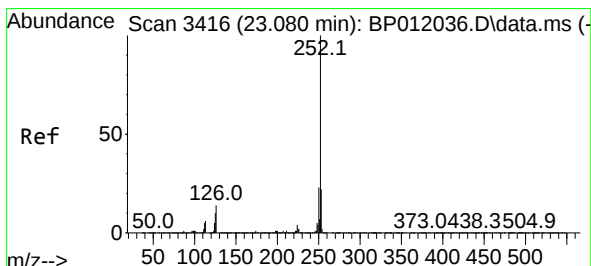
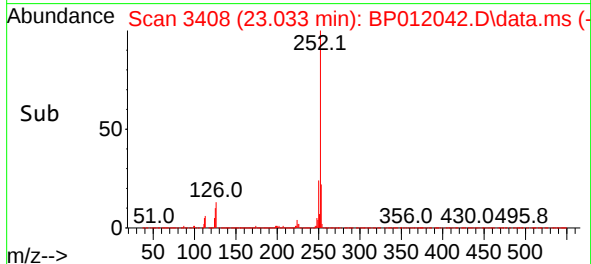
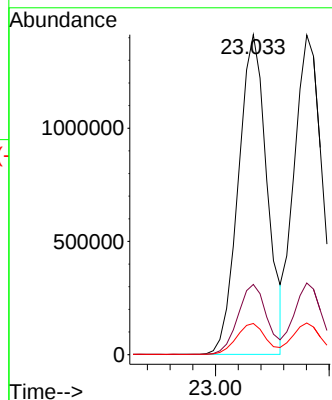
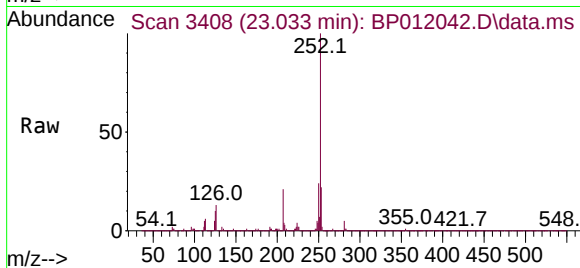
Tgt Ion:252 Resp: 2478626

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 9.7 7.8 11.8



#91

Benzo(k)fluoranthene

Concen: 29.984 ng/ul

RT: 23.080 min Scan# 3416

Delta R.T. 0.000 min

Lab File: BP012042.D

Acq: 11 Oct 2022 16:13

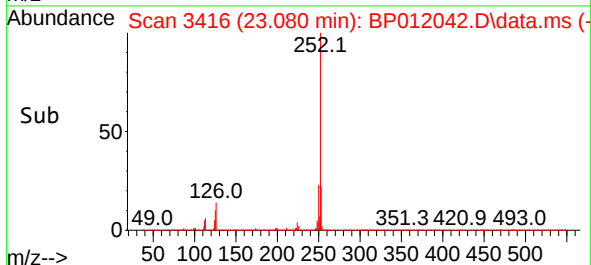
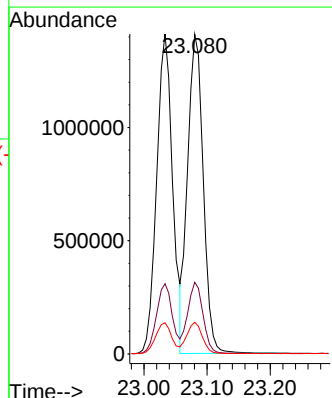
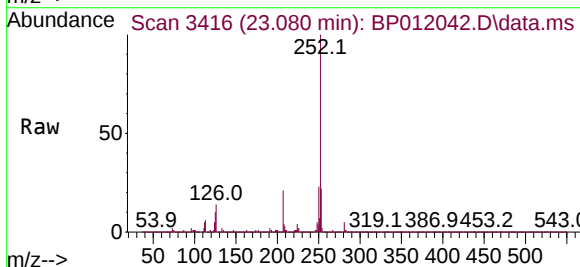
Tgt Ion:252 Resp: 2433682

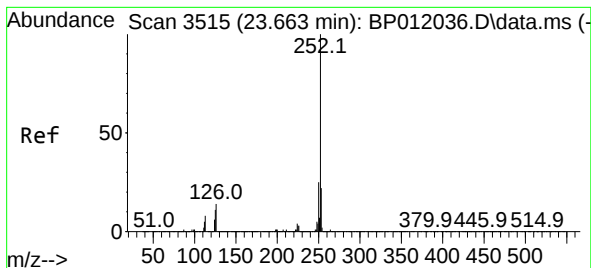
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 9.9 8.2 12.2





#93

Benzo(a)pyrene

Concen: 30.342 ng/ul

RT: 23.669 min Scan# 3515

Delta R.T. 0.006 min

Lab File: BP012042.D

Acq: 11 Oct 2022 16:13

Instrument :

BNA_P

ClientSampleId :

SLCS209

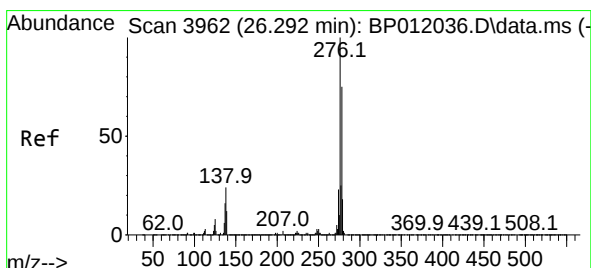
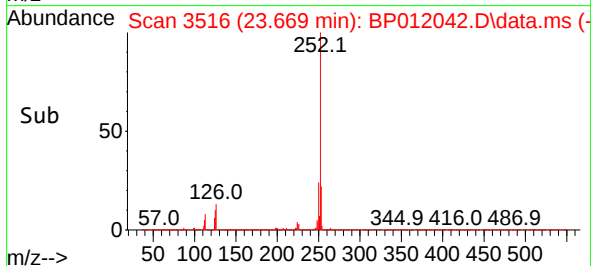
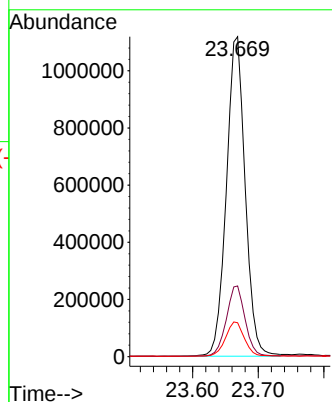
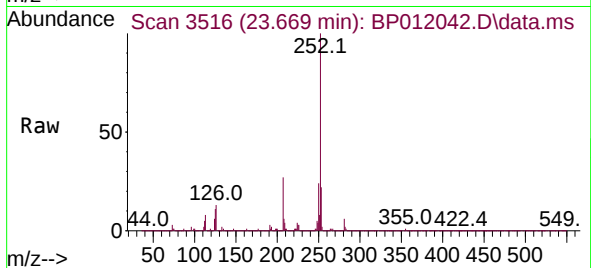
Tgt Ion:252 Resp: 2233722

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 10.6 8.9 13.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 33.322 ng/ul

RT: 26.292 min Scan# 3962

Delta R.T. 0.000 min

Lab File: BP012042.D

Acq: 11 Oct 2022 16:13

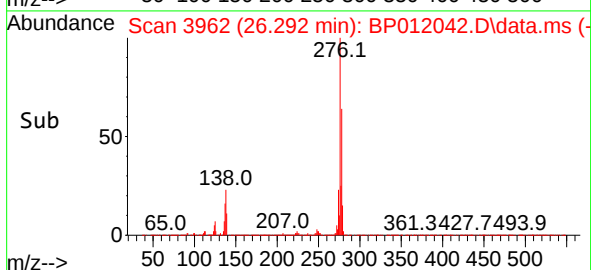
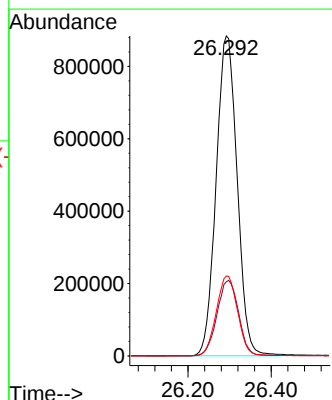
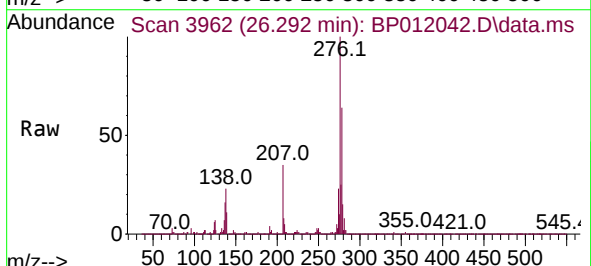
Tgt Ion:276 Resp: 3101746

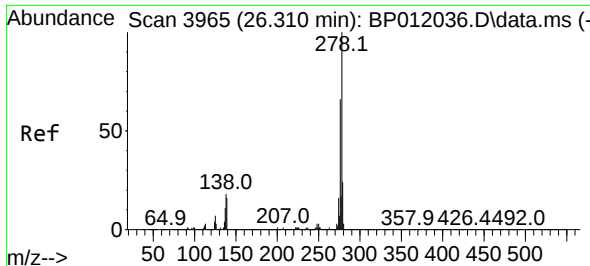
Ion Ratio Lower Upper

276 100

138 23.2 19.1 28.7

277 25.0 19.9 29.9

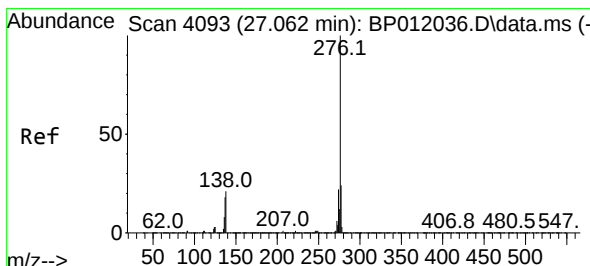
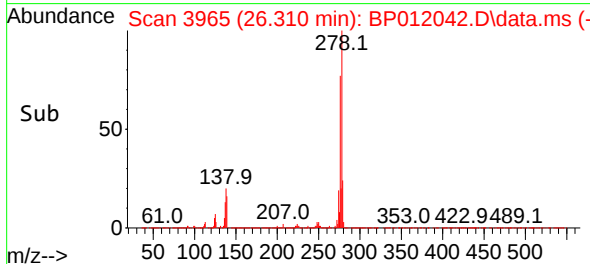
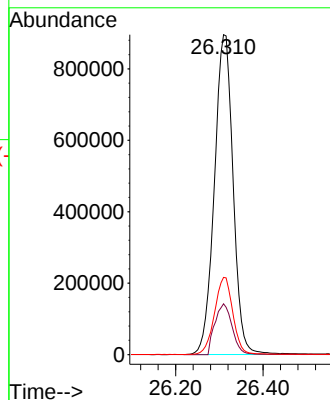
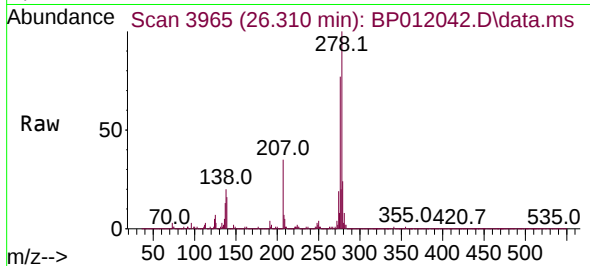




#95
Dibenzo(a,h)anthracene
Concen: 32.007 ng/ul
RT: 26.310 min Scan# 3965
Delta R.T. 0.000 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

Instrument :
BNA_P
ClientSampleId :
SLCS209

Tgt Ion:278 Resp: 2672855
Ion Ratio Lower Upper
278 100
139 15.9 12.5 18.7
279 24.2 19.0 28.4



#96
Benzo(g,h,i)perylene
Concen: 31.574 ng/ul
RT: 27.068 min Scan# 4094
Delta R.T. 0.006 min
Lab File: BP012042.D
Acq: 11 Oct 2022 16:13

Tgt Ion:276 Resp: 2649934
Ion Ratio Lower Upper
276 100
138 20.5 16.5 24.7
277 23.6 19.0 28.4

