

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052322\
 Data File : BP010479.D
 Acq On : 23 May 2022 16:35
 Operator : CG/JU
 Sample : PB144961BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS961

Quant Time: May 23 23:19:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 15:04:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	147033	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.693	136	662327	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.522	164	450072	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.275	188	962940	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.357	240	910274	20.000	ng/ul	# 0.00
88) Perylene-d12	23.780	264	735239	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	19446	5.637	ng/uL	0.00
4) Pyridine-d5	3.752	84	312157	31.871	ng/ul	-0.01
7) Phenol-d5	7.058	99	432409	35.039	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	288443	34.788	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.422	132	339428	35.945	ng/ul	-0.01
15) 4-Methylphenol-d8	8.604	113	366275	34.924	ng/ul	0.00
21) Nitrobenzene-d5	9.052	128	183262	35.752	ng/ul	0.00
24) 2-Nitrophenol-d4	9.769	143	202426	37.263	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.310	165	356687	34.725	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.828	131	462951	30.312	ng/ul	-0.01
46) Dimethylphthalate-d6	13.934	166	1107572	33.401	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	1319437	34.496	ng/ul	0.00
54) 4-Nitrophenol-d4	14.722	143	193969	32.864	ng/ul	0.00
60) Fluorene-d10	15.516	176	967834	33.549	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	191303	33.969	ng/ul	0.00
73) Anthracene-d10	17.375	188	1516151	34.771	ng/ul	0.00
81) Pyrene-d10	19.604	212	1807130	37.382	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.627	264	1343164	36.381	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.375	88	40884	11.441	ng/uL#	8
5) Pyridine	3.775	79	300774	29.549	ng/ul#	30
6) Benzaldehyde	7.028	77	300511	46.064	ng/ul	93
8) Phenol	7.081	94	435974	32.747	ng/ul#	92
10) Bis(2-Chloroethyl)ether	7.310	93	331875	31.704	ng/ul#	74
12) 2-Chlorophenol	7.452	128	325078	32.976	ng/ul	95
13) 2-Methylphenol	8.334	108	327666	32.968	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.422	45	560824	32.873	ng/ul#	81
16) Acetophenone	8.716	105	528309	32.061	ng/ul#	78
17) N-Nitroso-di-n-propyla...	8.704	70	288576	32.723	ng/ul#	67
18) 4-Methylphenol	8.663	108	351794	32.027	ng/ul	89
19) Hexachloroethane	8.969	117	136912	31.933	ng/ul#	81
22) Nitrobenzene	9.093	77	431934	32.065	ng/ul#	84
23) Isophorone	9.622	82	807969	32.451	ng/ul#	97
25) 2-Nitrophenol	9.804	139	201172	33.727	ng/ul#	84
26) 2,4-Dimethylphenol	9.869	107	401228	31.001	ng/ul#	79
27) Bis(2-Chloroethoxy)met...	10.099	93	465328	31.388	ng/ul#	98
29) 2,4-Dichlorophenol	10.340	162	339841	32.360	ng/ul#	83
30) Naphthalene	10.740	128	1095938	31.680	ng/ul	97
32) 4-Chloroaniline	10.851	127	430544	28.405	ng/ul	97
33) Hexachlorobutadiene	11.028	225	230570	30.984	ng/ul	96
34) Caprolactam	11.628	113	120025	32.749	ng/ul#	1
36) 2-Methylnaphthalene	12.351	142	765371	31.252	ng/ul	91
37) 1-Methylnaphthalene	12.569	142	778276	31.474	ng/ul#	96

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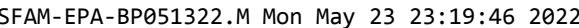
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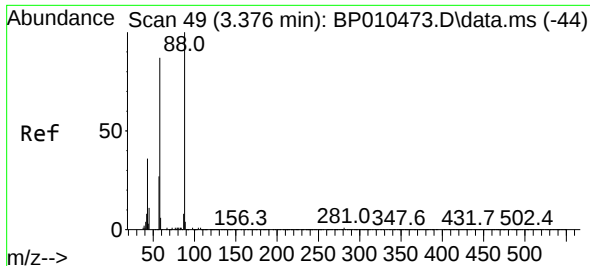
Quant Time: May 23 23:19:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 15:04:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.722	216	429772	31.291	ng/ul	95
40) Hexachlorocyclopentadiene	12.698	237	178552	23.912	ng/ul	97
41) 2,4,6-Trichlorophenol	12.957	196	286806	33.500	ng/ul#	85
42) 2,4,5-Trichlorophenol	13.034	196	311328	32.568	ng/ul#	87
43) 1,1'-Biphenyl	13.357	154	1039235	31.458	ng/ul#	92
44) 2-Chloronaphthalene	13.398	162	815258	31.952	ng/ul	94
45) 2-Nitroaniline	13.604	65	295230	35.157	ng/ul#	78
47) Dimethylphthalate	13.981	163	1031520	31.360	ng/ul#	92
48) 2,6-Dinitrotoluene	14.098	165	226227	33.739	ng/ul	97
50) Acenaphthylene	14.245	152	1327430	32.081	ng/ul	95
51) 3-Nitroaniline	14.428	138	221447	35.189	ng/ul#	83
52) Acenaphthene	14.587	153	849169	31.459	ng/ul	98
53) 2,4-Dinitrophenol	14.639	184	105054	28.063	ng/ul#	76
55) 4-Nitrophenol	14.739	109	162222	30.910	ng/ul#	43
56) Dibenzofuran	14.922	168	1233214	31.175	ng/ul	97
57) 2,4-Dinitrotoluene	14.887	165	329754	34.163	ng/ul#	77
58) 2,3,4,6-Tetrachlorophenol	15.151	232	264957	32.233	ng/ul#	86
59) Diethylphthalate	15.345	149	1063229	31.679	ng/ul	93
61) Fluorene	15.569	166	1015228	31.383	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.563	204	520311	30.920	ng/ul	97
63) 4-Nitroaniline	15.592	138	240788	38.751	ng/ul#	78
66) 4,6-Dinitro-2-methylph...	15.657	198	178364	31.759	ng/ul#	90
67) N-Nitrosodiphenylamine	15.781	169	885485	32.790	ng/ul	95
68) 4-Bromophenyl-phenylether	16.463	248	312971	31.559	ng/ul	94
69) Hexachlorobenzene	16.586	284	362319	31.763	ng/ul#	91
70) Atrazine	16.733	200	353111	32.640	ng/ul	90
71) Pentachlorophenol	16.928	266	226648	31.666	ng/ul#	83
72) Phenanthrene	17.316	178	1648968	32.087	ng/ul	99
74) Anthracene	17.410	178	1656292	32.127	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.328	216	459399	31.392	ng/uL#	87
76) Pentachlorobenzene	14.845	250	430760	32.442	ng/uL	92
77) Carbazole	17.680	167	1488312	32.849	ng/ul#	96
78) Di-n-butylphthalate	18.228	149	1904755	34.517	ng/ul#	93
80) Fluoranthene	19.280	202	2012962	35.832	ng/ul	97
82) Pyrene	19.633	202	2048932	34.950	ng/ul	96
83) Butylbenzylphthalate	20.504	149	892989	38.093	ng/ul#	80
84) 3,3'-Dichlorobenzidine	21.269	252	615766	33.657	ng/ul#	96
85) Benzo(a)anthracene	21.339	228	1890668	33.215	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.263	149	1288549	37.457	ng/ul#	81
87) Chrysene	21.392	228	1819483	32.496	ng/ul	99
89) Di-n-octyl phthalate	22.192	149	2204033	39.960	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	1710709	34.908	ng/ul	99
91) Benzo(k)fluoranthene	23.092	252	1529363	32.836	ng/ul#	98
93) Benzo(a)pyrene	23.674	252	1522864	33.447	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.309	276	1474385	34.421	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.321	278	1255612	33.783	ng/ul#	94
96) Benzo(g,h,i)perylene	27.086	276	1242624	34.743	ng/ul#	90

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

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Response via : Initial Calibration

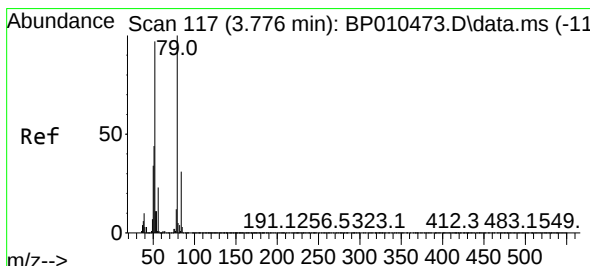
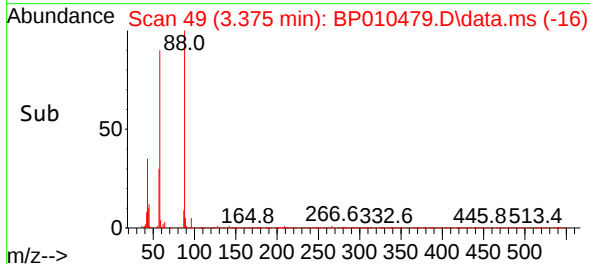
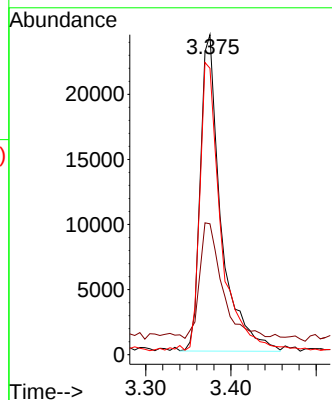
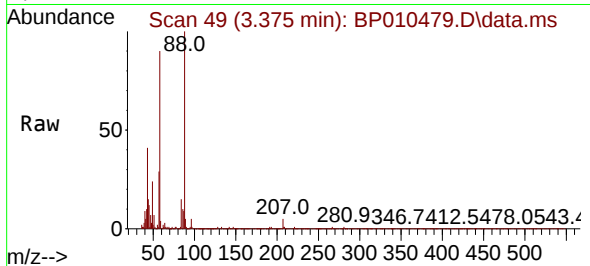




#2
1,4-Dioxane
Concen: 11.441 ng/uL
RT: 3.375 min Scan# 49
Delta R.T. -0.006 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

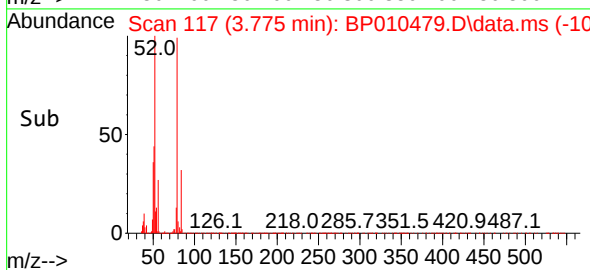
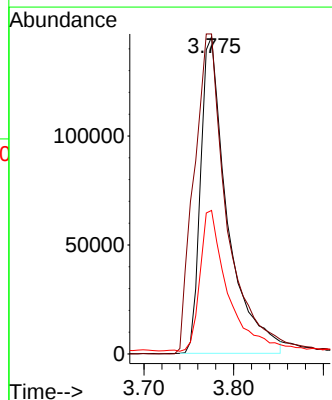
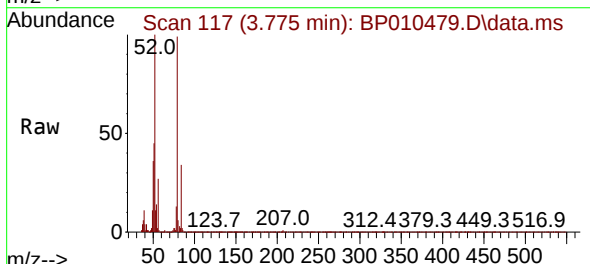
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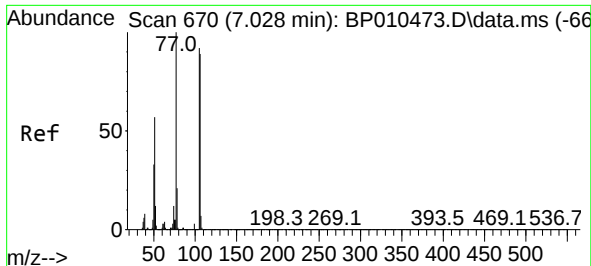
Tgt Ion: 88 Resp: 40884
Ion Ratio Lower Upper
88 100
43 40.9 6.8 10.2#
58 89.5 28.4 42.6#



#5
Pyridine
Concen: 29.549 ng/uL
RT: 3.775 min Scan# 117
Delta R.T. -0.006 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

Tgt Ion: 79 Resp: 300774
Ion Ratio Lower Upper
79 100
52 100.9 35.5 53.3#
51 45.2 20.2 30.4#

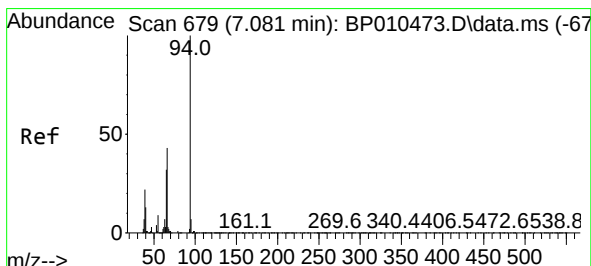
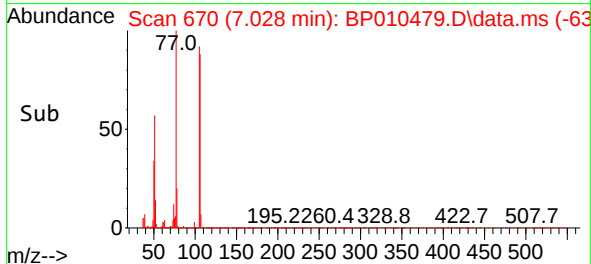
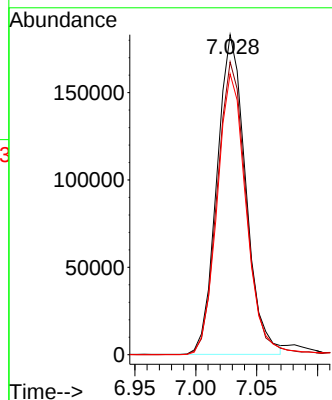
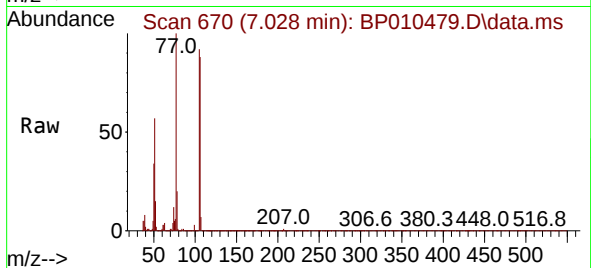




#6
Benzaldehyde
Concen: 46.064 ng/ul
RT: 7.028 min Scan# 670
Delta R.T. -0.012 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

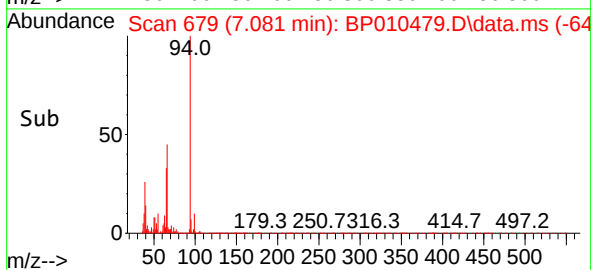
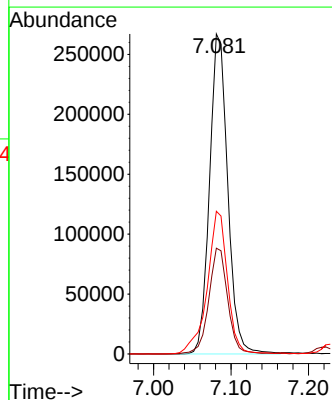
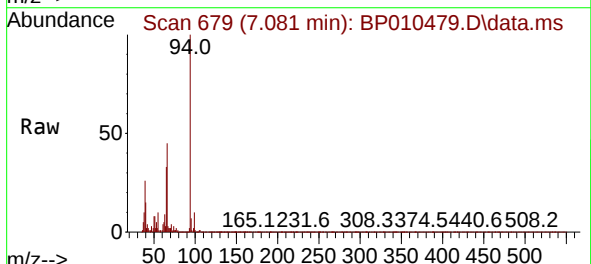
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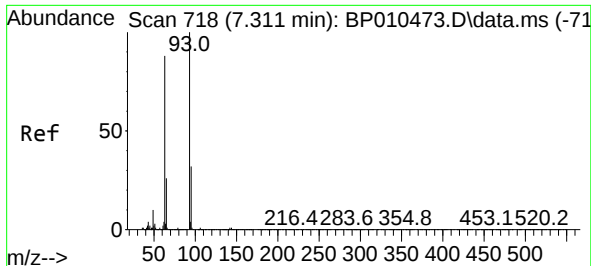
Tgt Ion: 77 Resp: 300511
Ion Ratio Lower Upper
77 100
105 91.5 77.0 115.4
106 87.8 77.0 115.4



#8
Phenol
Concen: 32.747 ng/ul
RT: 7.081 min Scan# 679
Delta R.T. -0.012 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

Tgt Ion: 94 Resp: 435974
Ion Ratio Lower Upper
94 100
65 33.1 19.0 28.6
66 44.6 34.6 51.8

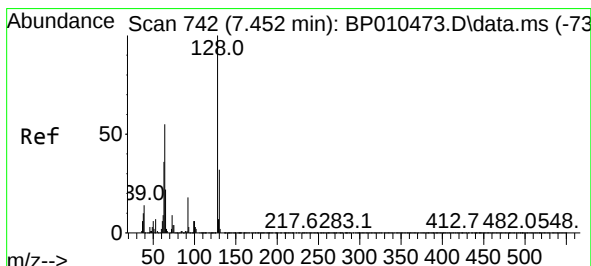
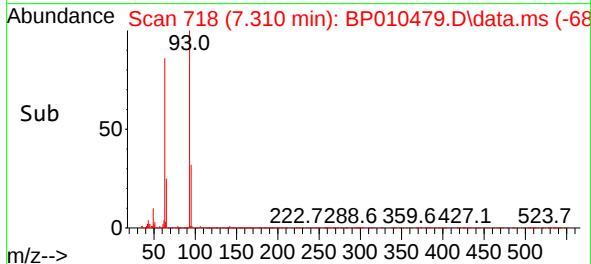
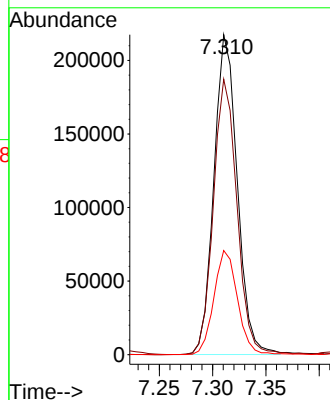
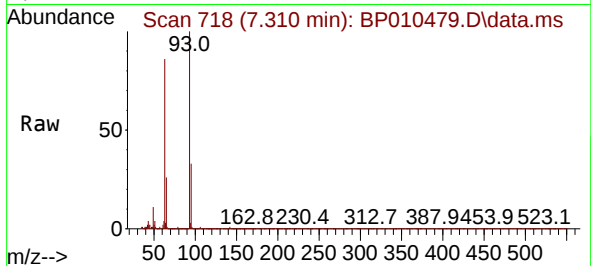




#10
Bis(2-Chloroethyl)ether
Concen: 31.704 ng/ul
RT: 7.310 min Scan# 718
Delta R.T. -0.012 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

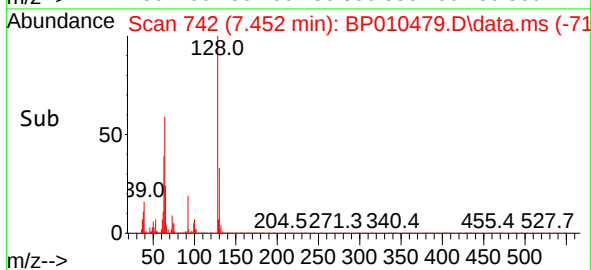
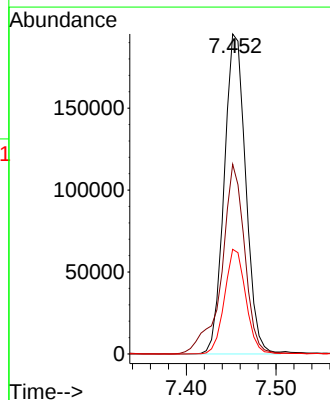
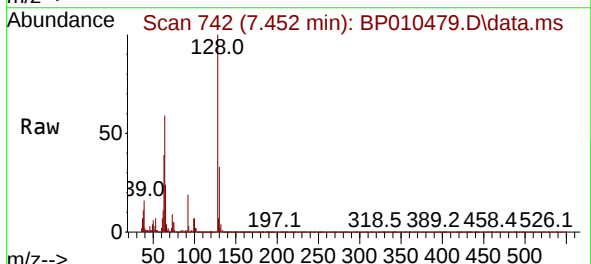
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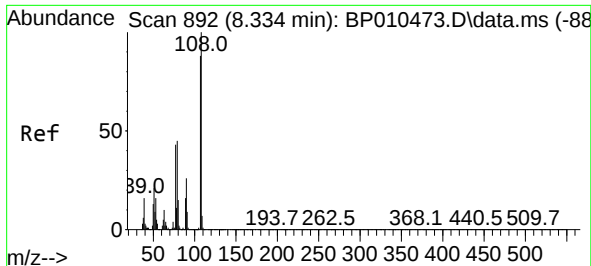
Tgt Ion: 93 Resp: 331875
Ion Ratio Lower Upper
93 100
63 86.1 45.0 67.4#
95 32.5 26.3 39.5



#12
2-Chlorophenol
Concen: 32.976 ng/ul
RT: 7.452 min Scan# 742
Delta R.T. -0.012 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

Tgt Ion:128 Resp: 325078
Ion Ratio Lower Upper
128 100
64 59.3 45.3 67.9
130 32.7 29.0 43.6





#13

2-Methylphenol

Concen: 32.968 ng/ul

RT: 8.334 min Scan# 892

Delta R.T. -0.012 min

Lab File: BP010479.D

Acq: 23 May 2022 16:35

Instrument :

BNA_P

ClientSampleId :

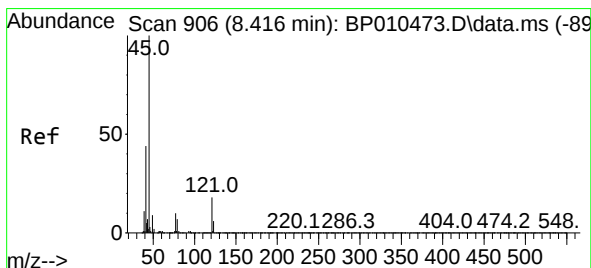
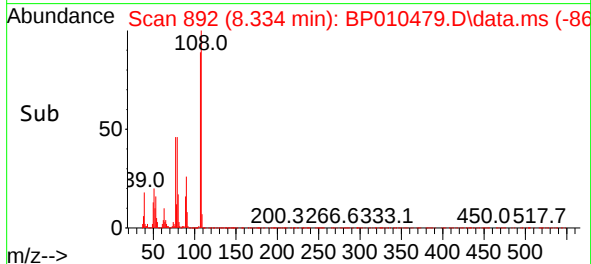
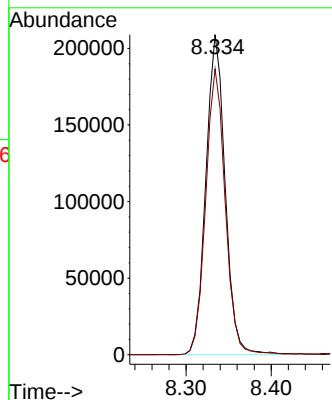
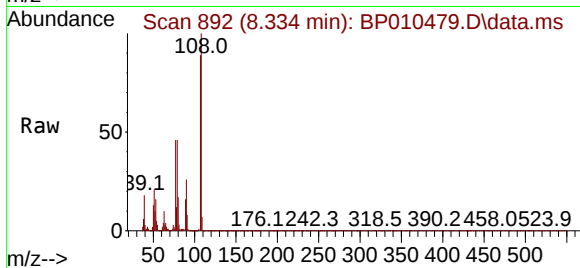
SLCS961

Tgt Ion:108 Resp: 327666

Ion Ratio Lower Upper

108 100

107 89.3 70.8 106.2



#14

2,2'-oxybis(1-Chloropropane)

Concen: 32.873 ng/ul

RT: 8.422 min Scan# 907

Delta R.T. -0.006 min

Lab File: BP010479.D

Acq: 23 May 2022 16:35

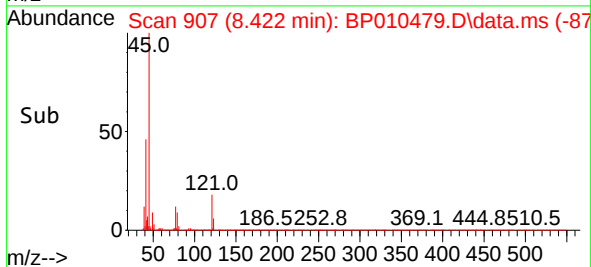
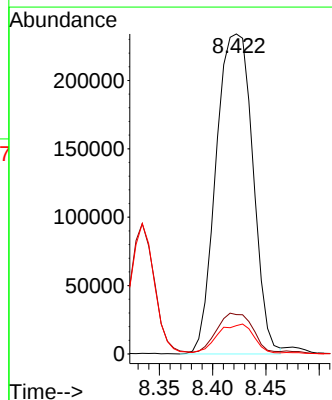
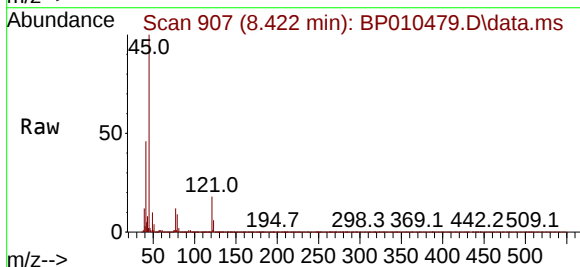
Tgt Ion: 45 Resp: 560824

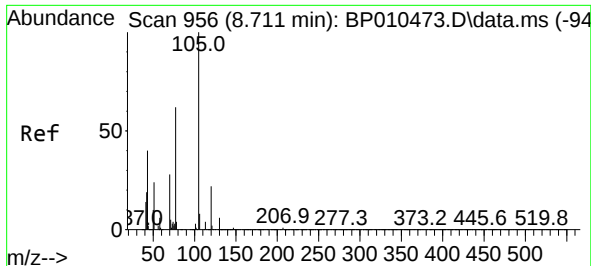
Ion Ratio Lower Upper

45 100

77 12.3 17.1 25.7#

79 8.8 13.2 19.8#

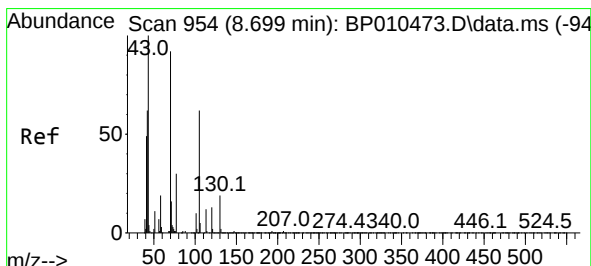
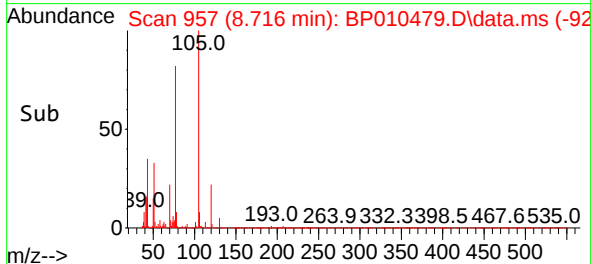
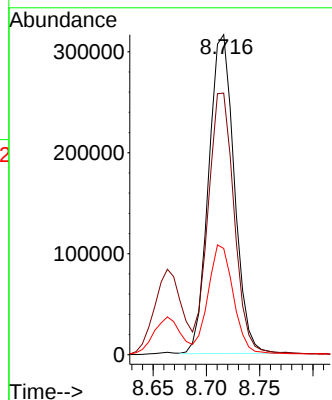
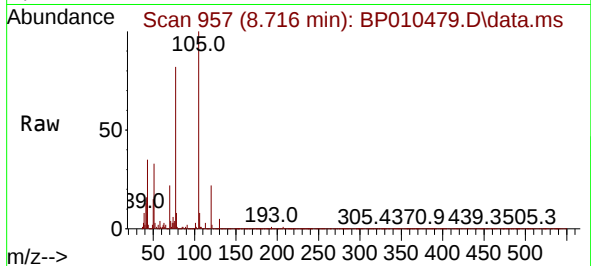




#16
Acetophenone
Concen: 32.061 ng/ul
RT: 8.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP010479.D
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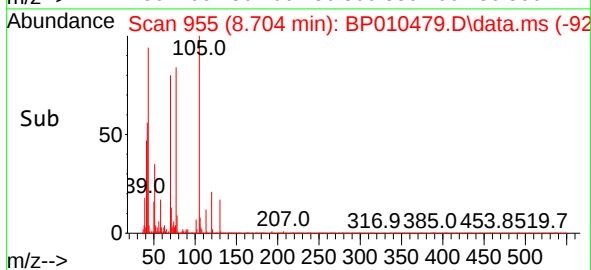
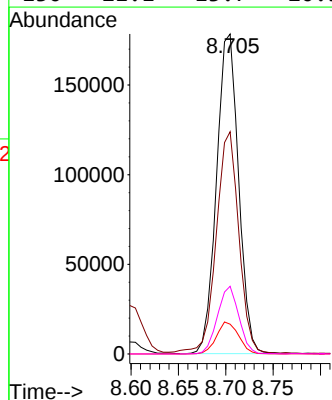
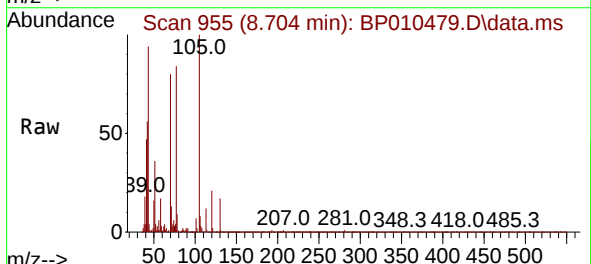
Instrument :
BNA_P
ClientSampleId :
SLCS961

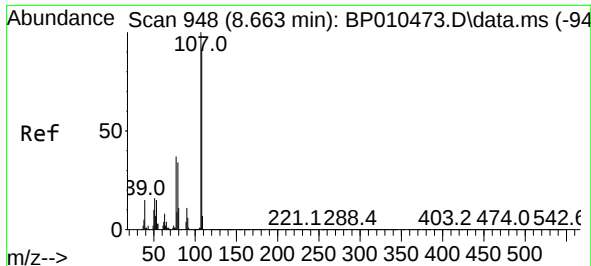
Tgt Ion:105 Resp: 528309
Ion Ratio Lower Upper
105 100
77 81.8 53.4 80.2#
51 33.2 13.8 20.8#



#17
N-Nitroso-di-n-propylamine
Concen: 32.723 ng/ul
RT: 8.704 min Scan# 955
Delta R.T. -0.006 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

Tgt Ion: 70 Resp: 288576
Ion Ratio Lower Upper
70 100
42 69.5 31.8 47.8#
101 9.3 15.6 23.4#
130 21.1 13.7 20.5#

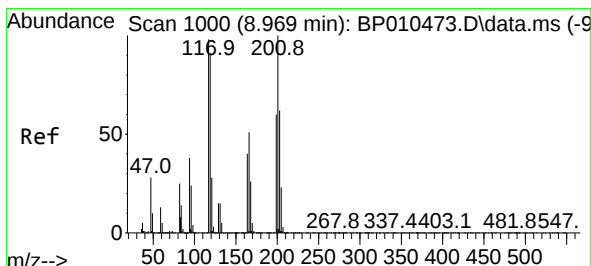
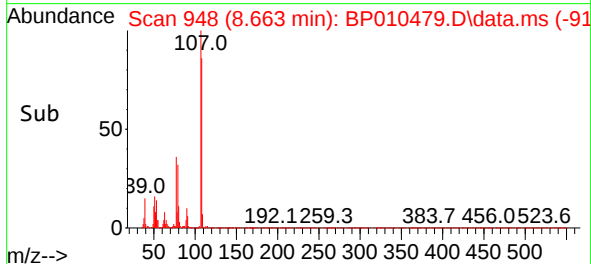
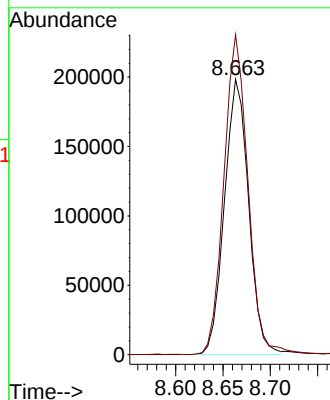
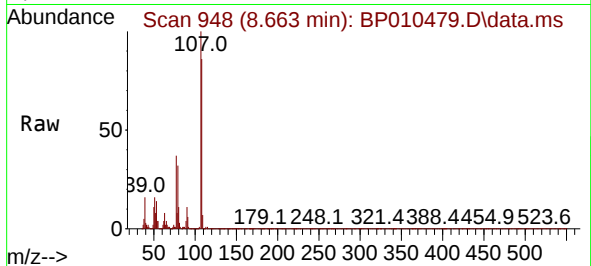




#18
4-Methylphenol
Concen: 32.027 ng/ul
RT: 8.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

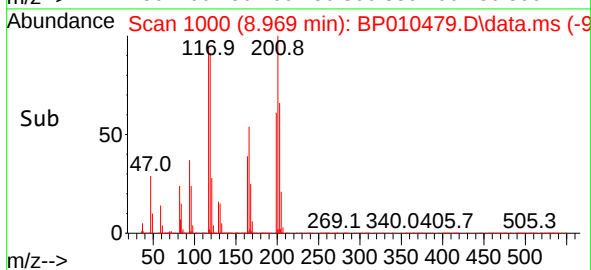
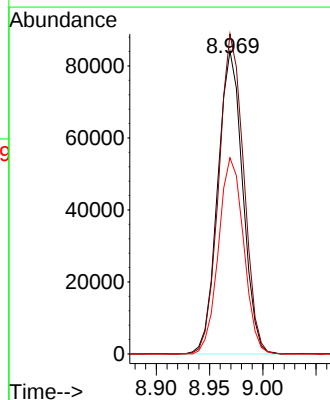
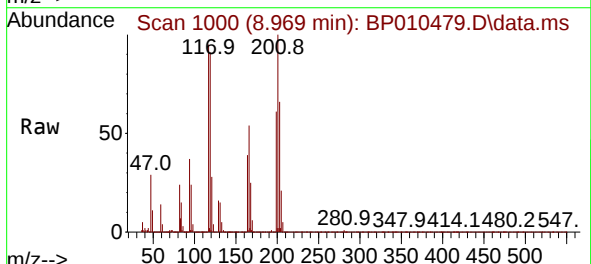
Instrument :
BNA_P
ClientSampleId :
SLCS961

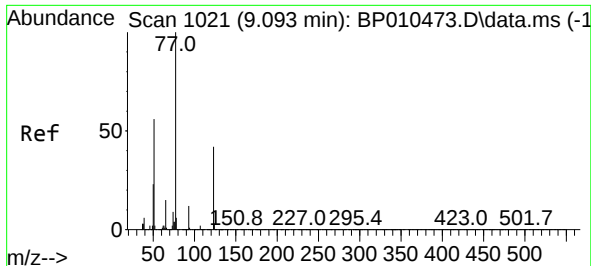
Tgt Ion:108 Resp: 351794
Ion Ratio Lower Upper
108 100
107 116.2 83.6 125.4



#19
Hexachloroethane
Concen: 31.933 ng/ul
RT: 8.969 min Scan# 1000
Delta R.T. -0.012 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

Tgt Ion:117 Resp: 136912
Ion Ratio Lower Upper
117 100
201 105.6 106.5 159.7#
199 64.7 59.0 88.6

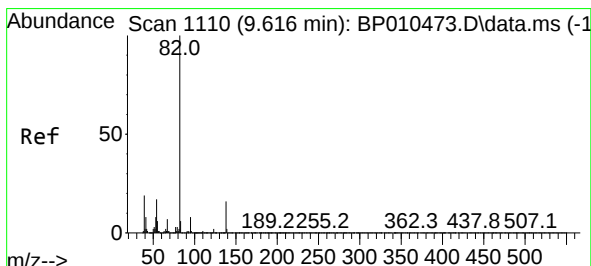
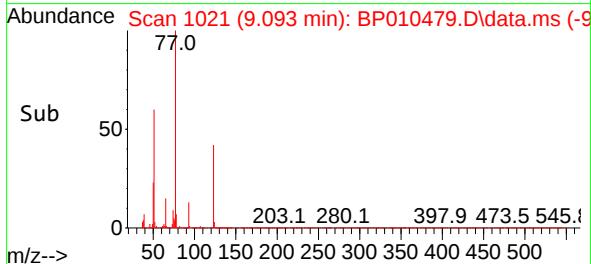
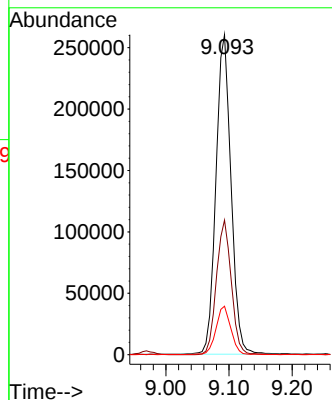
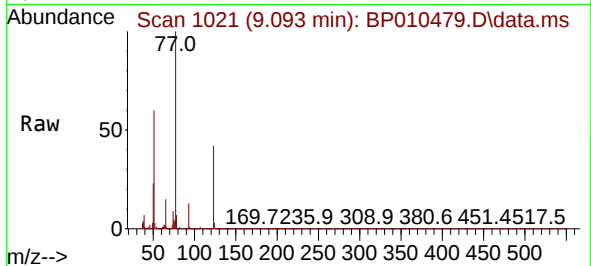




#22
Nitrobenzene
Concen: 32.065 ng/ul
RT: 9.093 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

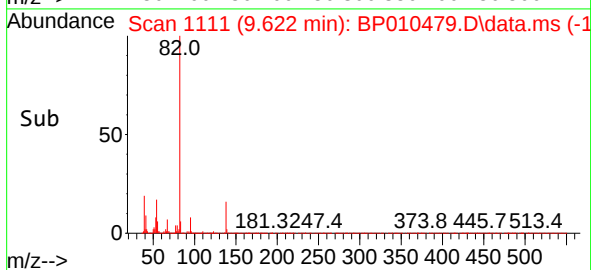
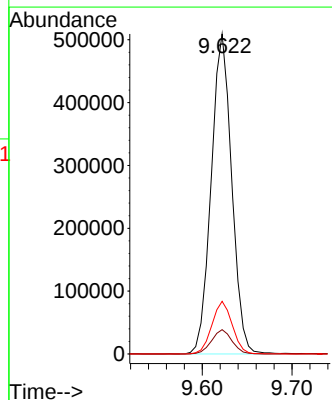
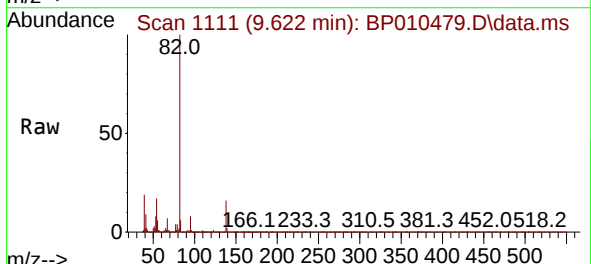
Instrument :
BNA_P
ClientSampleId :
SLCS961

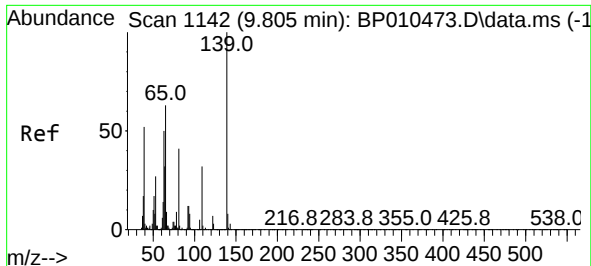
Tgt Ion: 77 Resp: 431934
Ion Ratio Lower Upper
77 100
123 42.0 42.3 63.5#
65 15.1 5.8 8.8#



#23
Isophorone
Concen: 32.451 ng/ul
RT: 9.622 min Scan# 1111
Delta R.T. -0.006 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

Tgt Ion: 82 Resp: 807969
Ion Ratio Lower Upper
82 100
95 7.6 7.8 11.8#
138 16.4 12.9 19.3

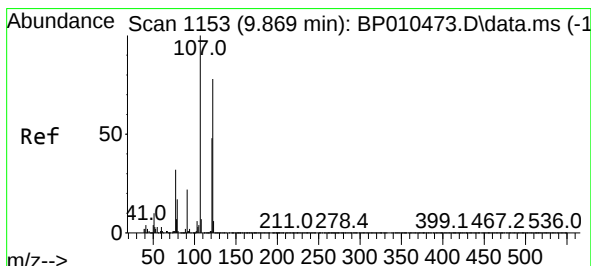
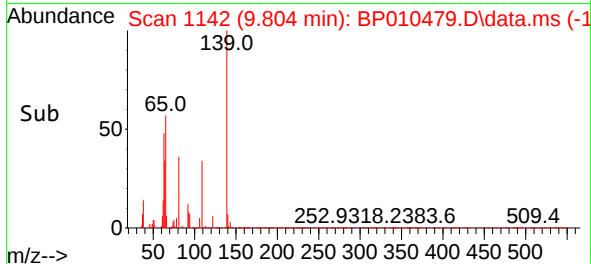
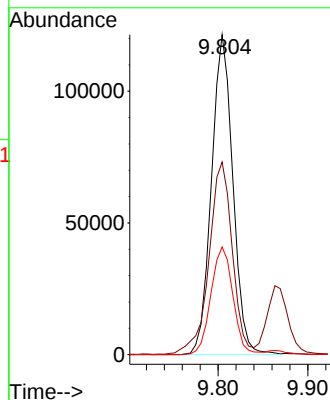
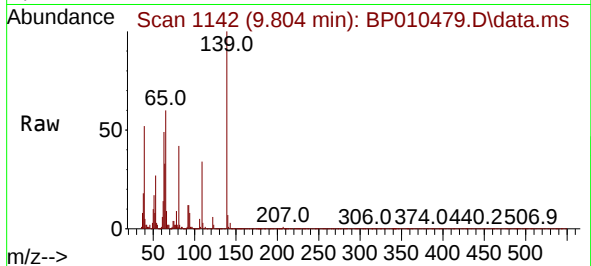




#25
2-Nitrophenol
Concen: 33.727 ng/ul
RT: 9.804 min Scan# 1142
Delta R.T. -0.012 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

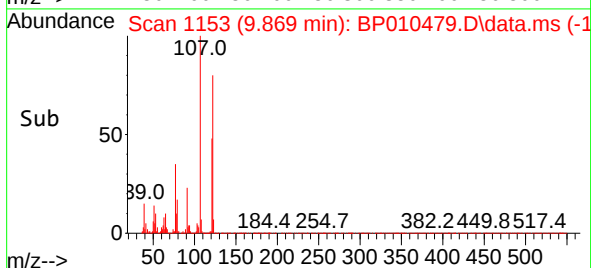
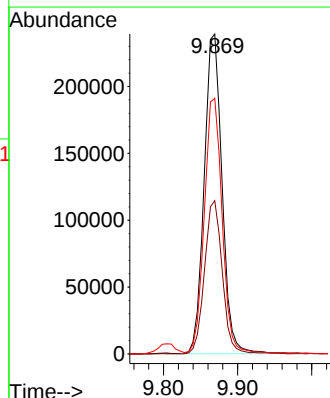
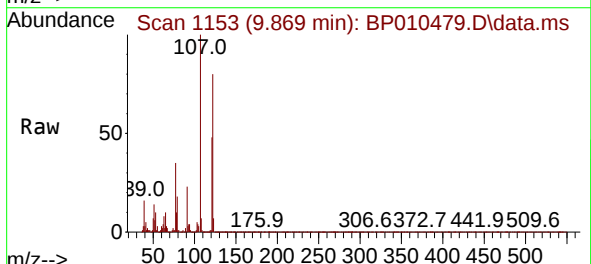
Instrument :
BNA_P
ClientSampleId :
SLCS961

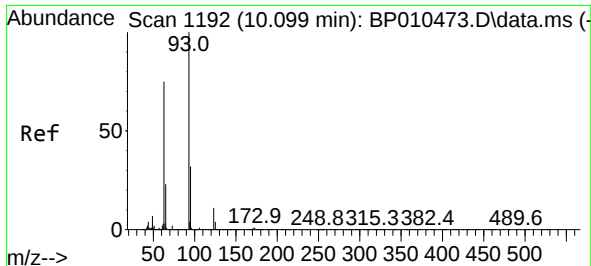
Tgt Ion:139 Resp: 201172
Ion Ratio Lower Upper
139 100
65 60.2 49.4 74.2
109 33.6 44.7 67.1#



#26
2,4-Dimethylphenol
Concen: 31.001 ng/ul
RT: 9.869 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

Tgt Ion:107 Resp: 401228
Ion Ratio Lower Upper
107 100
121 47.9 34.1 51.1
122 79.9 46.3 69.5#

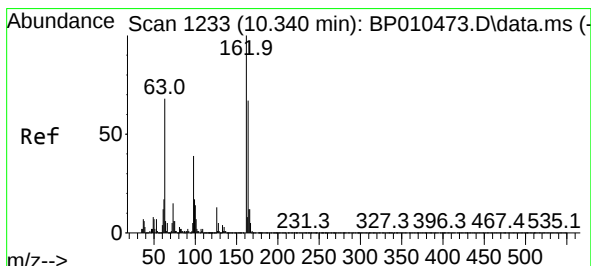
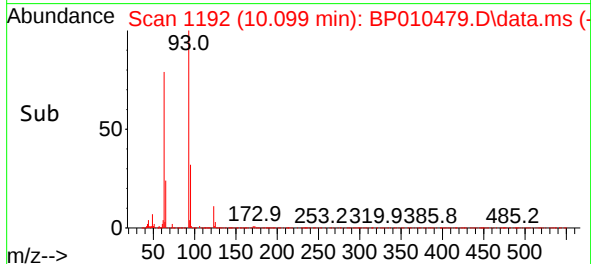
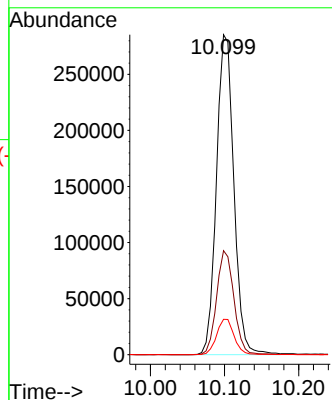
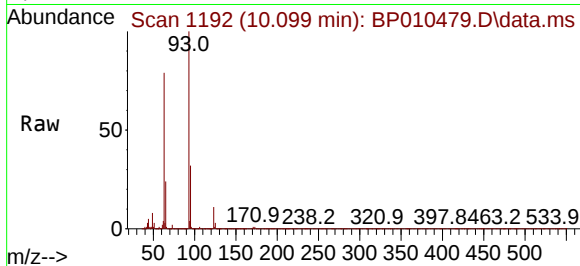




#27
 Bis(2-Chloroethoxy)methane
 Concen: 31.388 ng/ul
 RT: 10.099 min Scan# 1192
 Delta R.T. -0.012 min
 Lab File: BP010479.D
 Acq: 23 May 2022 16:35

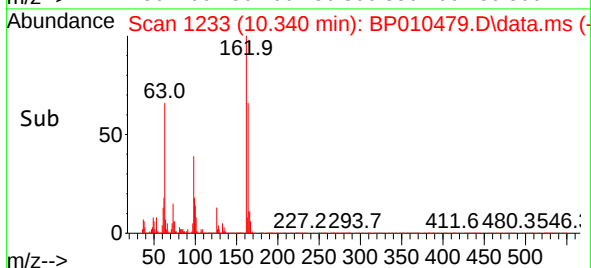
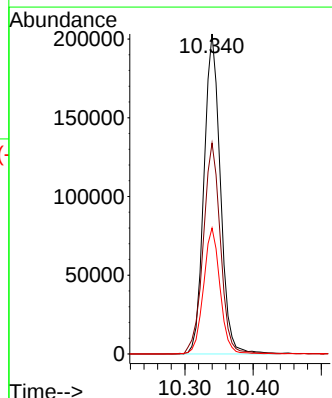
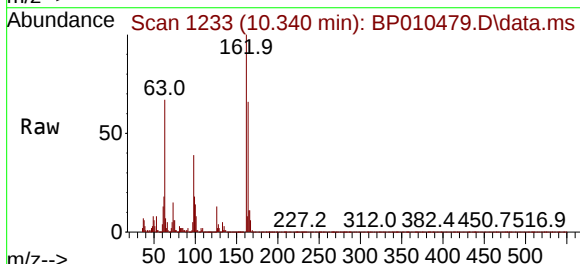
Instrument :
 BNA_P
 ClientSampleId :
 SLCS961

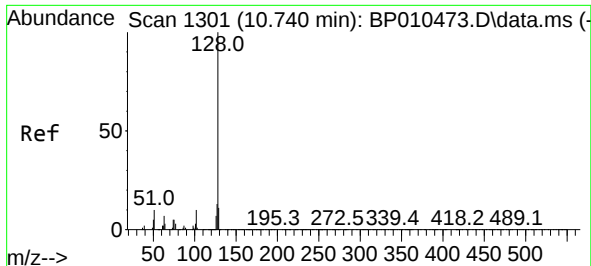
Tgt Ion: 93 Resp: 465328
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.2 39.4
 123 11.0 6.2 9.4#



#29
 2,4-Dichlorophenol
 Concen: 32.360 ng/ul
 RT: 10.340 min Scan# 1233
 Delta R.T. -0.012 min
 Lab File: BP010479.D
 Acq: 23 May 2022 16:35

Tgt Ion:162 Resp: 339841
 Ion Ratio Lower Upper
 162 100
 164 65.9 37.0 55.6#
 98 39.3 31.0 46.6

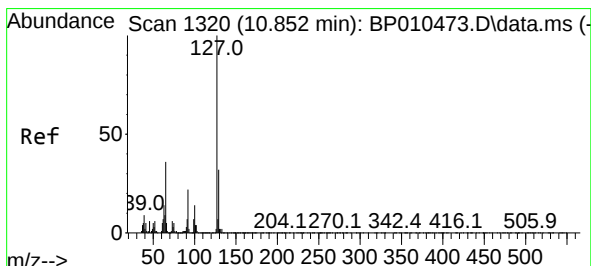
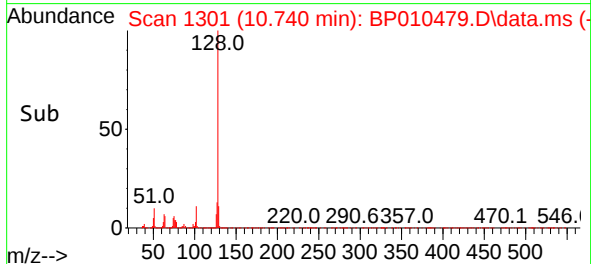
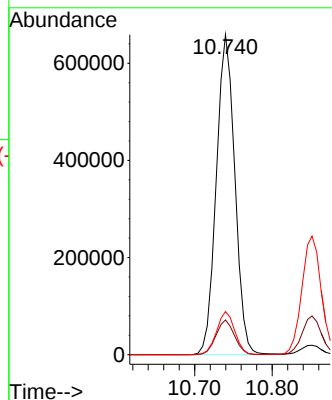
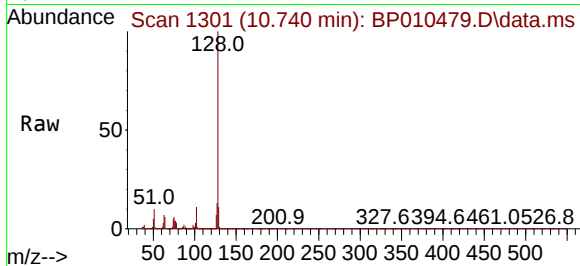




#30
Naphthalene
Concen: 31.680 ng/ul
RT: 10.740 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

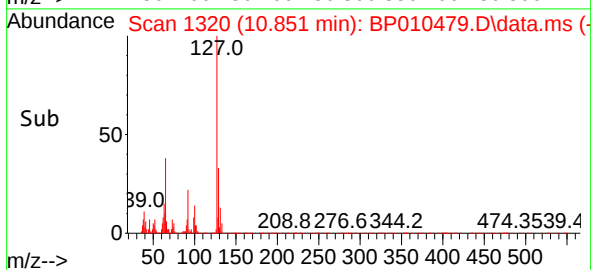
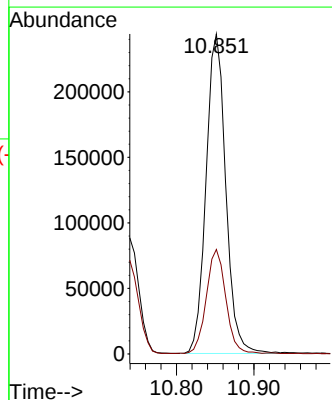
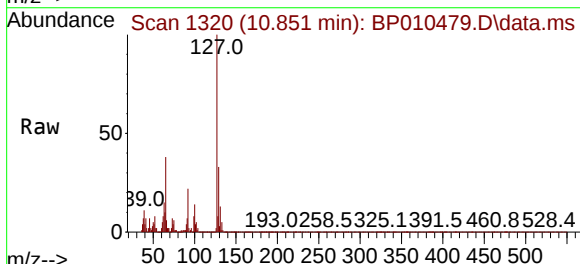
Instrument :
BNA_P
ClientSampleId :
SLCS961

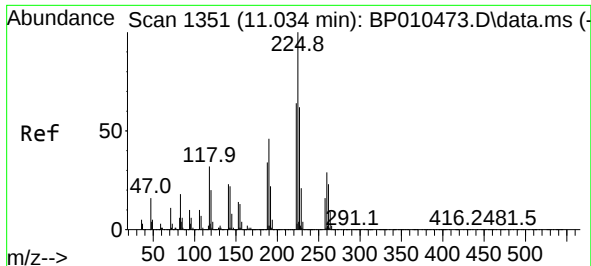
Tgt Ion:128 Resp: 1095938
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.5 12.2 18.4



#32
4-Chloroaniline
Concen: 28.405 ng/ul
RT: 10.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

Tgt Ion:127 Resp: 430544
Ion Ratio Lower Upper
127 100
129 32.6 24.6 37.0

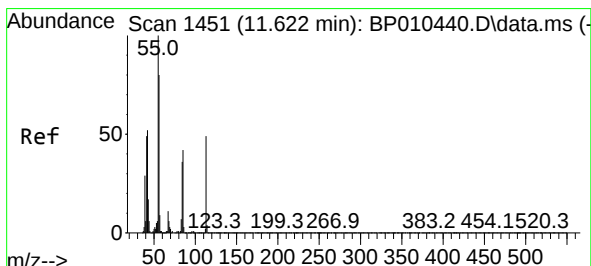
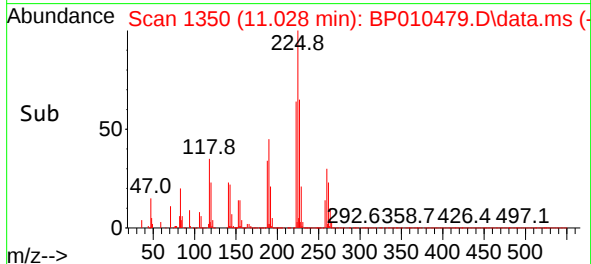
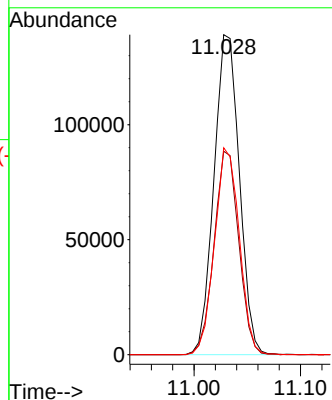
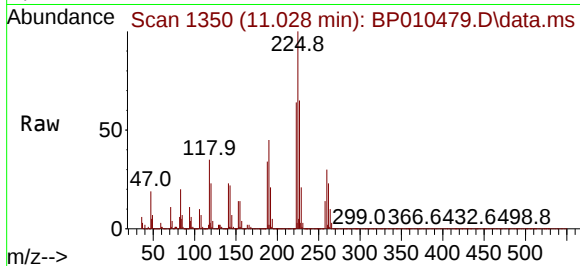




#33
Hexachlorobutadiene
Concen: 30.984 ng/ul
RT: 11.028 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

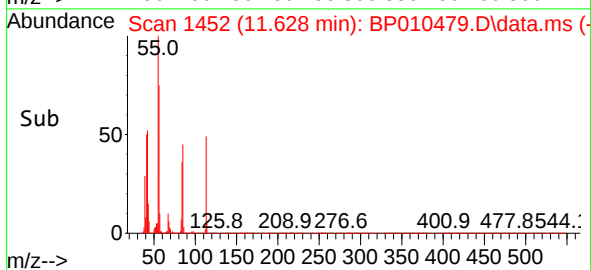
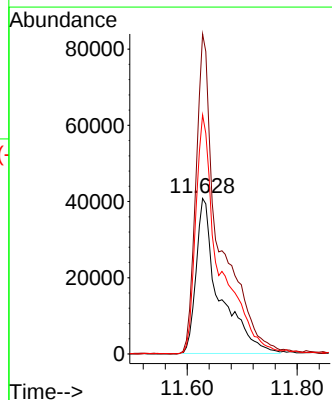
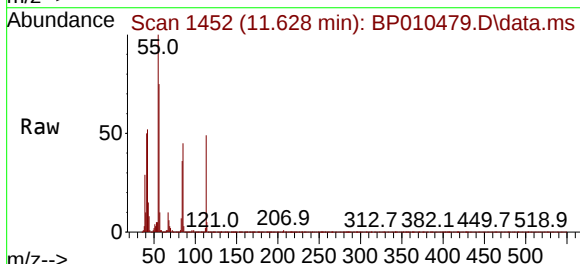
Instrument :
BNA_P
ClientSampleId :
SLCS961

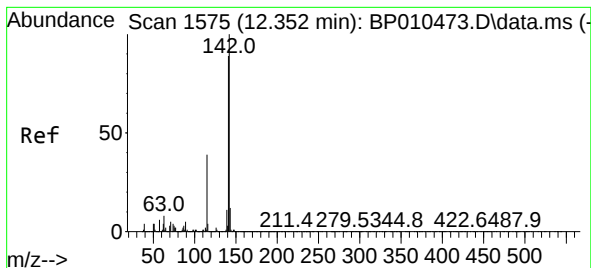
Tgt Ion:225 Resp: 230570
Ion Ratio Lower Upper
225 100
223 63.5 53.4 80.0
227 64.7 53.8 80.8



#34
Caprolactam
Concen: 32.749 ng/ul
RT: 11.628 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

Tgt Ion:113 Resp: 120025
Ion Ratio Lower Upper
113 100
55 205.7 58.2 87.2#
56 153.6 68.6 103.0#

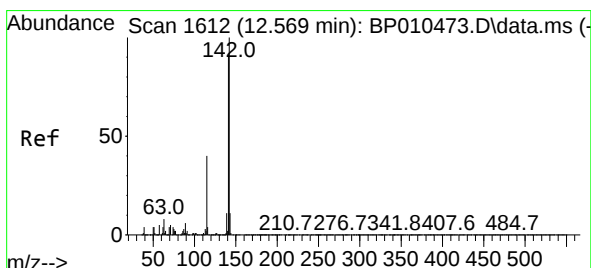
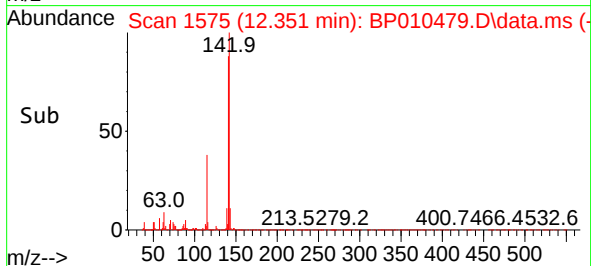
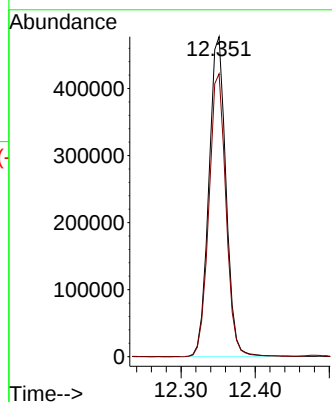
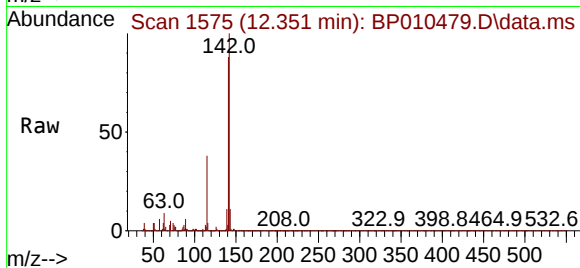




#36
2-Methylnaphthalene
Concen: 31.252 ng/ul
RT: 12.351 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

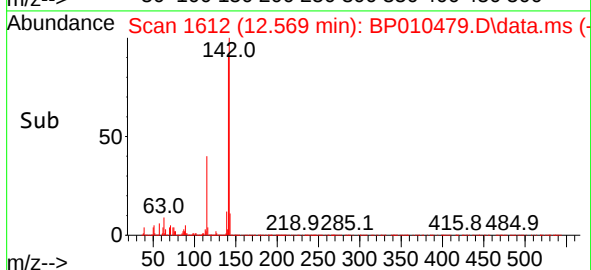
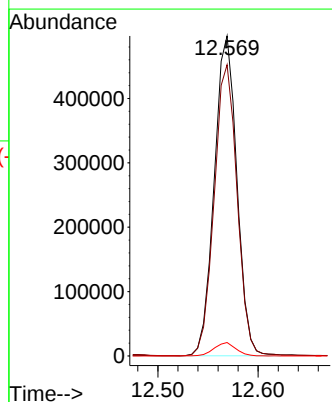
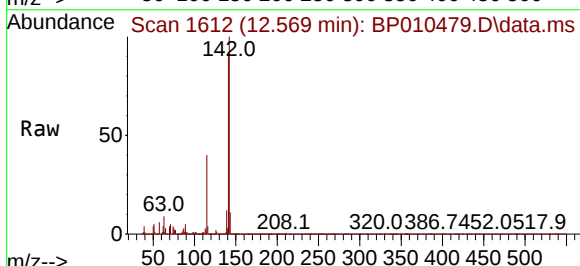
Instrument :
BNA_P
ClientSampleId :
SLCS961

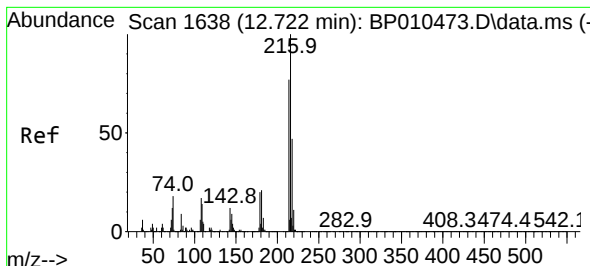
Tgt Ion:142 Resp: 765371
Ion Ratio Lower Upper
142 100
141 88.4 64.3 96.5



#37
1-Methylnaphthalene
Concen: 31.474 ng/ul
RT: 12.569 min Scan# 1612
Delta R.T. -0.012 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

Tgt Ion:142 Resp: 778276
Ion Ratio Lower Upper
142 100
141 91.0 69.8 104.8
116 4.2 5.6 8.4





#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.291 ng/ul

RT: 12.722 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP010479.D

Acq: 23 May 2022 16:35

Instrument :

BNA_P

ClientSampleId :

SLCS961

Tgt Ion:216 Resp: 429772

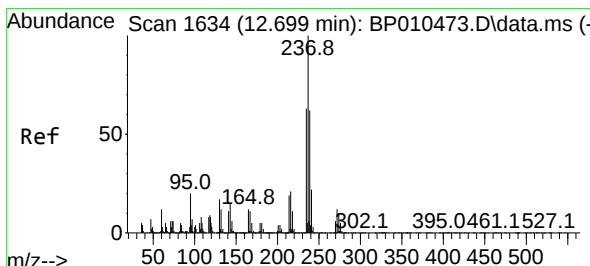
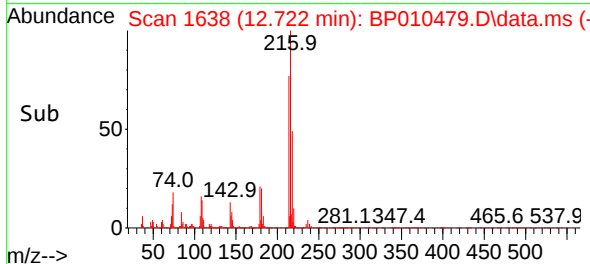
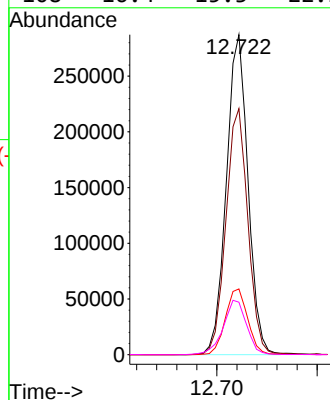
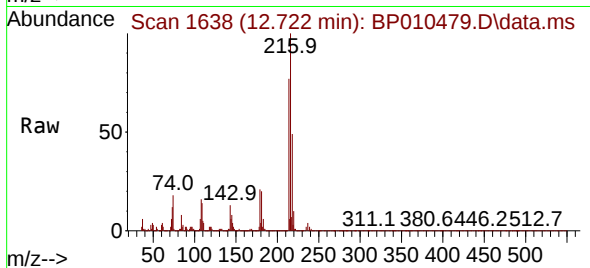
Ion Ratio Lower Upper

216 100

214 76.9 58.2 87.2

179 20.6 14.2 21.2

108 16.4 15.3 22.9



#40

Hexachlorocyclopentadiene

Concen: 23.912 ng/ul

RT: 12.698 min Scan# 1634

Delta R.T. -0.012 min

Lab File: BP010479.D

Acq: 23 May 2022 16:35

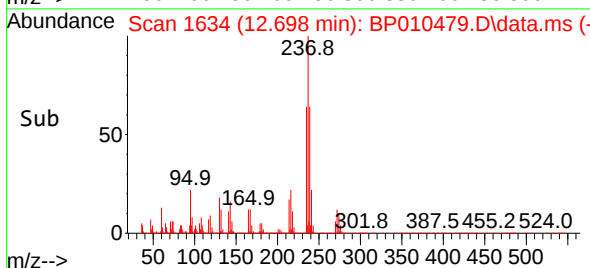
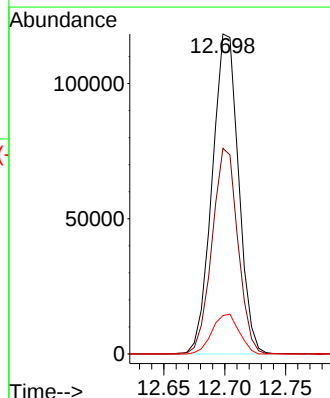
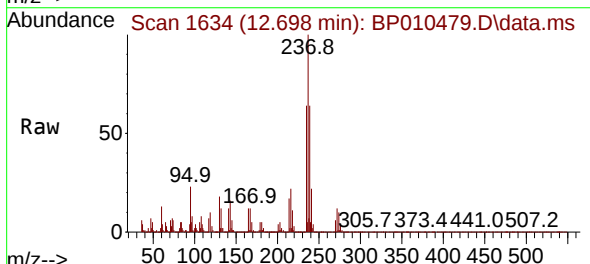
Tgt Ion:237 Resp: 178552

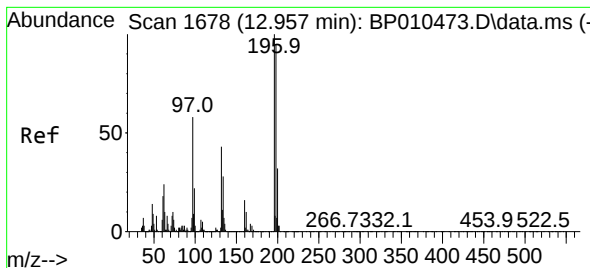
Ion Ratio Lower Upper

237 100

235 64.3 53.2 79.8

272 12.0 10.8 16.2





#41

2,4,6-Trichlorophenol

Concen: 33.500 ng/ul

RT: 12.957 min Scan# 1678

Delta R.T. -0.012 min

Lab File: BP010479.D

Acq: 23 May 2022 16:35

Instrument :

BNA_P

ClientSampleId :

SLCS961

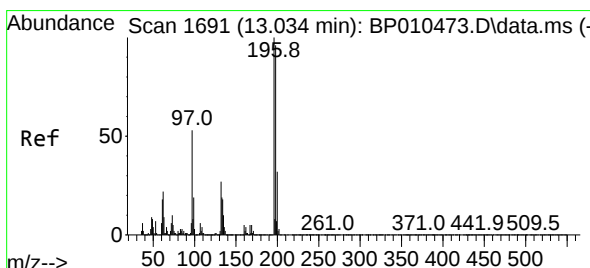
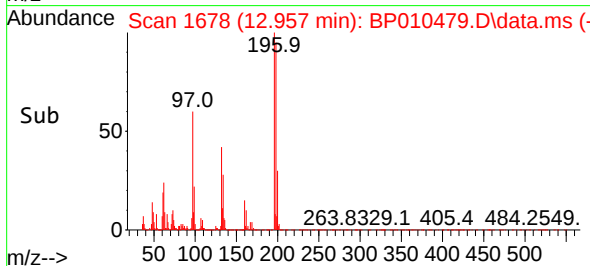
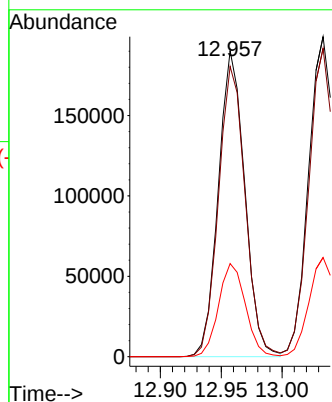
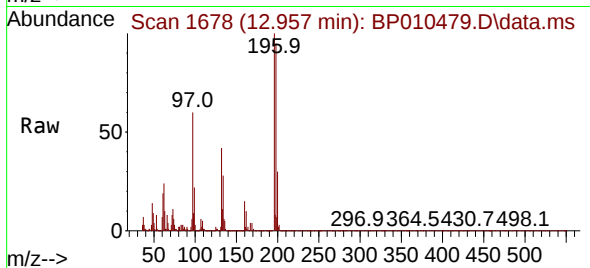
Tgt Ion:196 Resp: 286806

Ion Ratio Lower Upper

196 100

198 94.9 64.1 96.1

200 30.5 19.9 29.9#



#42

2,4,5-Trichlorophenol

Concen: 32.568 ng/ul

RT: 13.034 min Scan# 1691

Delta R.T. -0.006 min

Lab File: BP010479.D

Acq: 23 May 2022 16:35

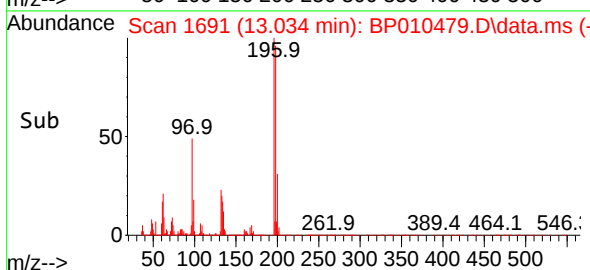
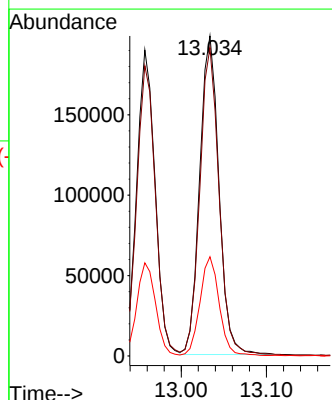
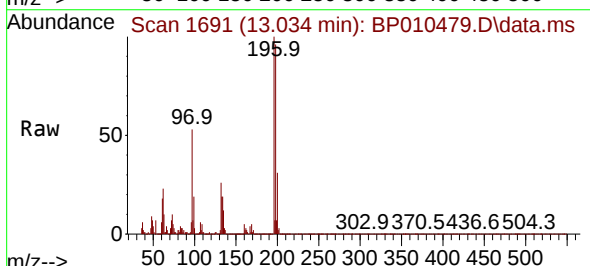
Tgt Ion:196 Resp: 311328

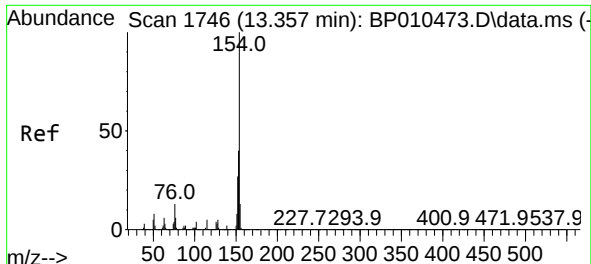
Ion Ratio Lower Upper

196 100

198 96.4 68.6 103.0

200 31.0 32.8 49.2#

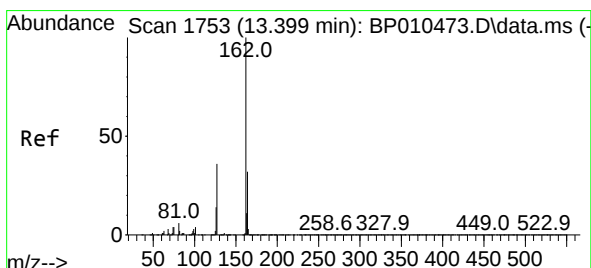
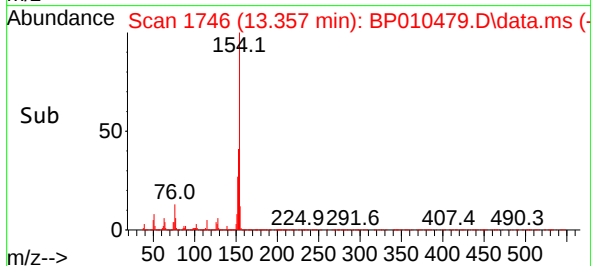
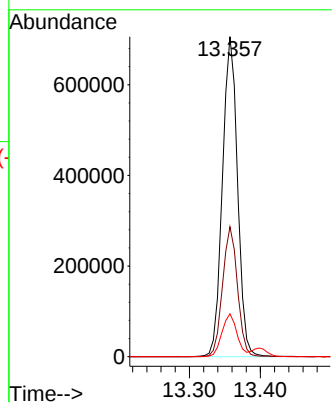
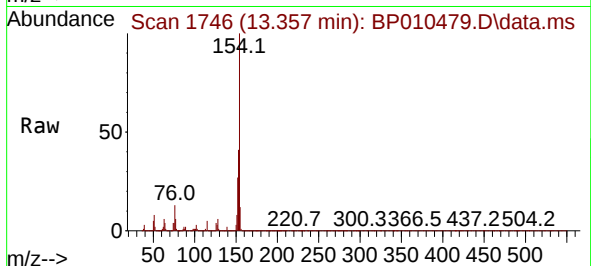




#43
1,1'-Biphenyl
Concen: 31.458 ng/ul
RT: 13.357 min Scan# 1746
Delta R.T. -0.012 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

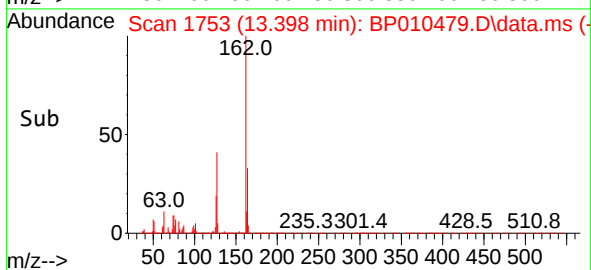
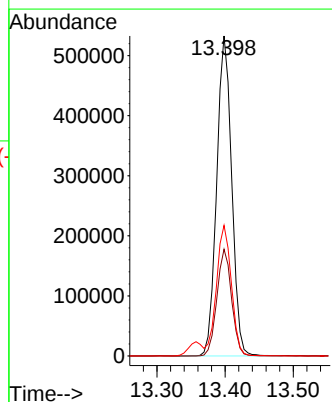
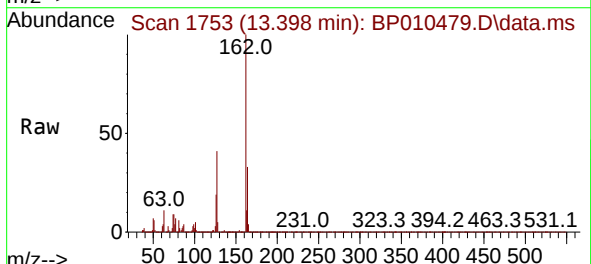
Instrument :
BNA_P
ClientSampleId :
SLCS961

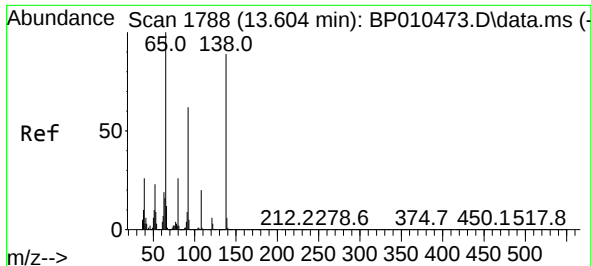
Tgt Ion:154 Resp: 1039235
Ion Ratio Lower Upper
154 100
153 40.6 28.6 43.0
76 13.4 8.5 12.7#



#44
2-Chloronaphthalene
Concen: 31.952 ng/ul
RT: 13.398 min Scan# 1753
Delta R.T. -0.012 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

Tgt Ion:162 Resp: 815258
Ion Ratio Lower Upper
162 100
164 33.4 27.5 41.3
127 40.8 37.1 55.7

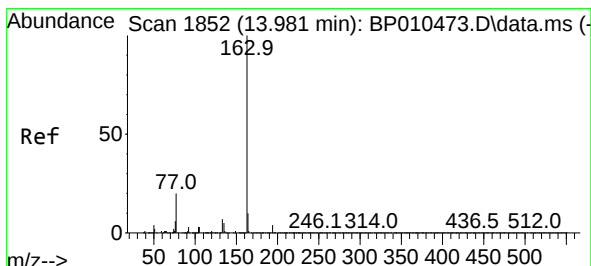
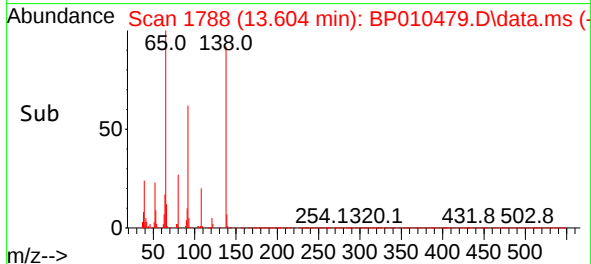
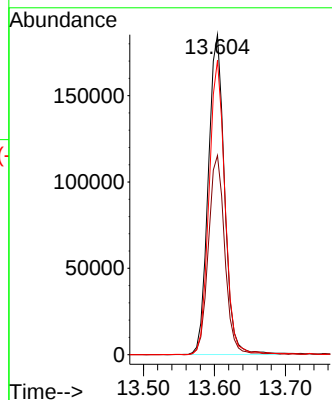
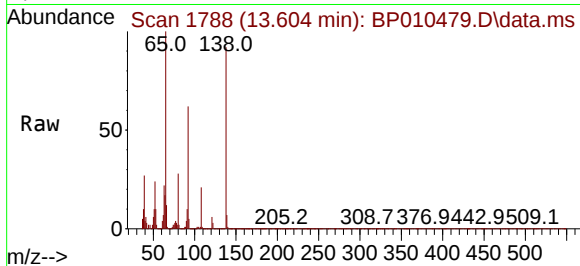




#45
2-Nitroaniline
Concen: 35.157 ng/ul
RT: 13.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

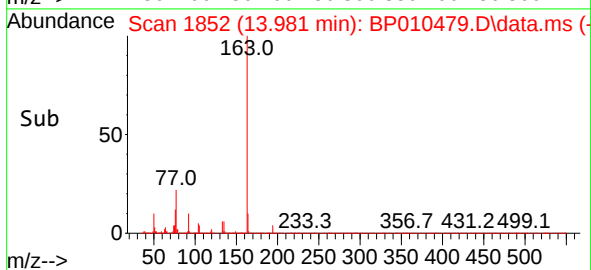
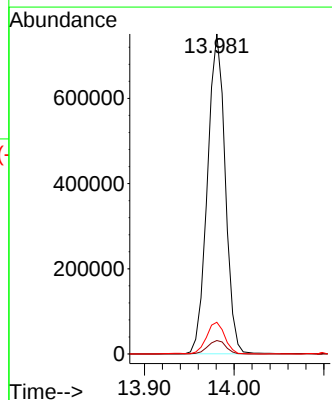
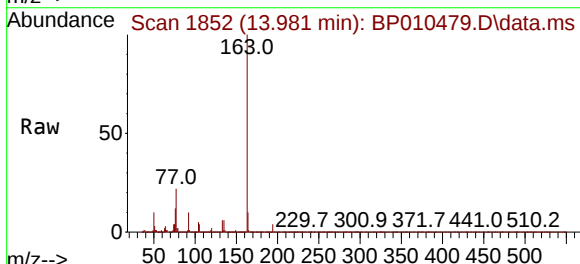
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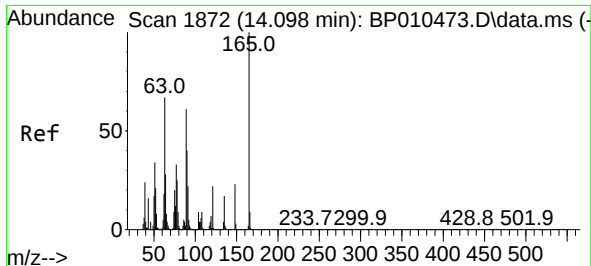
Tgt Ion: 65 Resp: 295230
Ion Ratio Lower Upper
65 100
92 62.2 77.9 116.9#
138 92.0 81.5 122.3



#47
Dimethylphthalate
Concen: 31.360 ng/ul
RT: 13.981 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

Tgt Ion:163 Resp: 1031520
Ion Ratio Lower Upper
163 100
194 4.2 4.1 6.1
164 9.9 11.3 16.9#

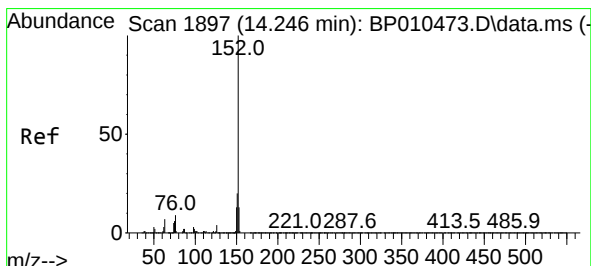
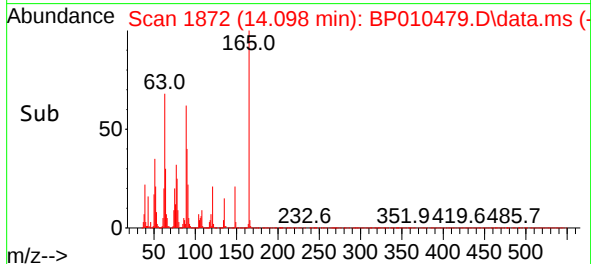
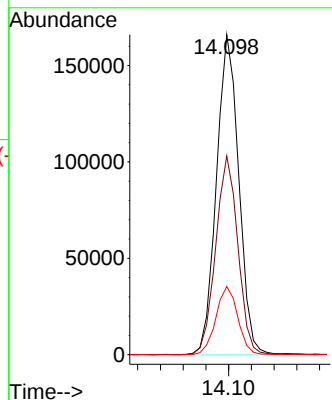
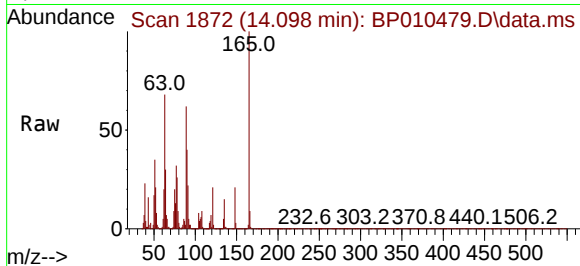




#48
2,6-Dinitrotoluene
Concen: 33.739 ng/ul
RT: 14.098 min Scan# 1872
Delta R.T. -0.006 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

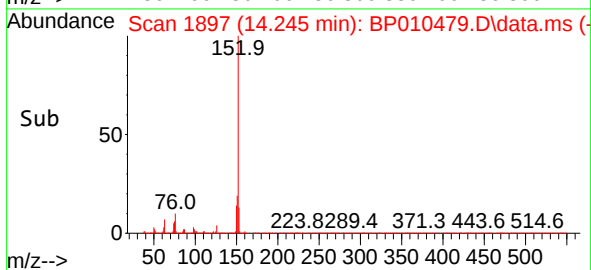
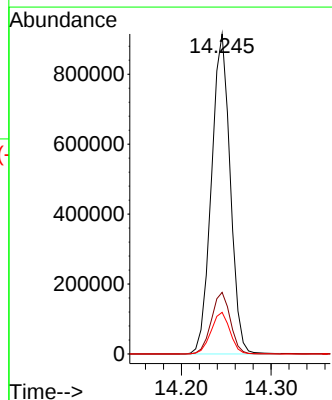
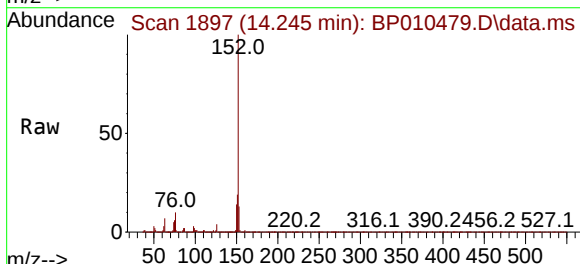
Instrument :
BNA_P
ClientSampleId :
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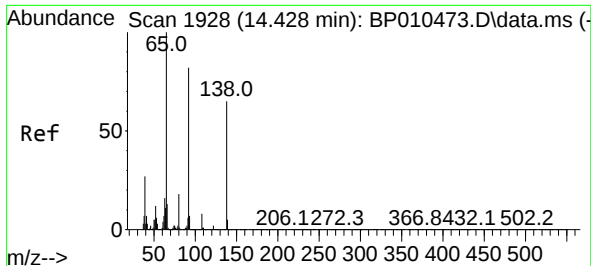
Tgt Ion:165 Resp: 226227
Ion Ratio Lower Upper
165 100
89 62.1 51.7 77.5
121 21.3 18.3 27.5



#50
Acenaphthylene
Concen: 32.081 ng/ul
RT: 14.245 min Scan# 1897
Delta R.T. -0.006 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

Tgt Ion:152 Resp: 1327430
Ion Ratio Lower Upper
152 100
151 19.3 18.3 27.5
153 13.0 11.0 16.6

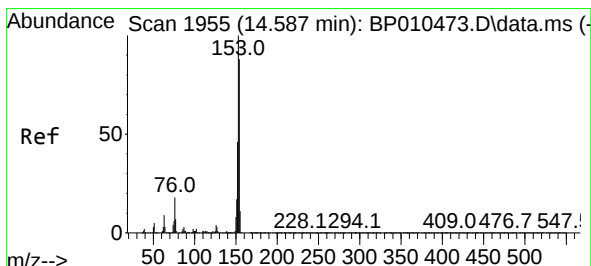
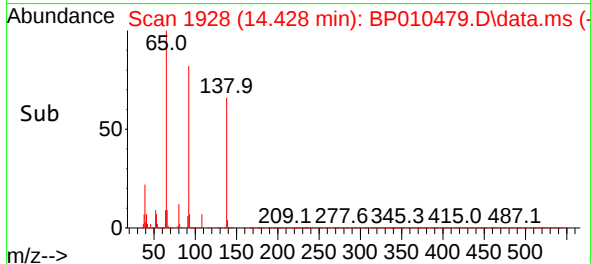
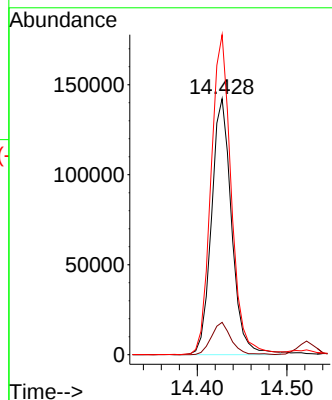
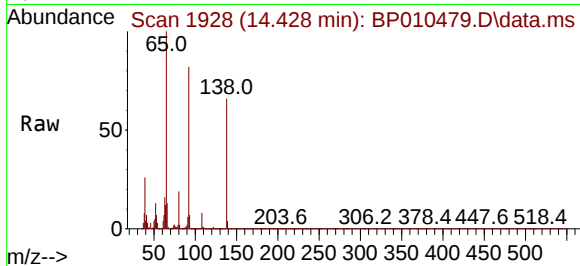




#51
3-Nitroaniline
Concen: 35.189 ng/ul
RT: 14.428 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

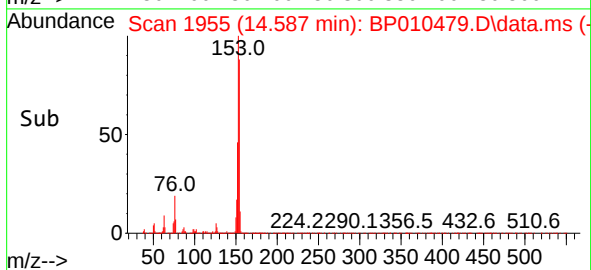
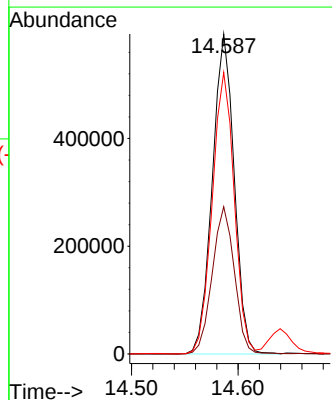
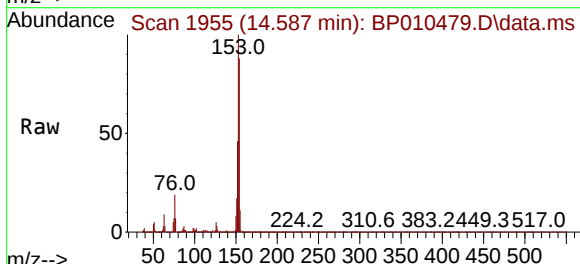
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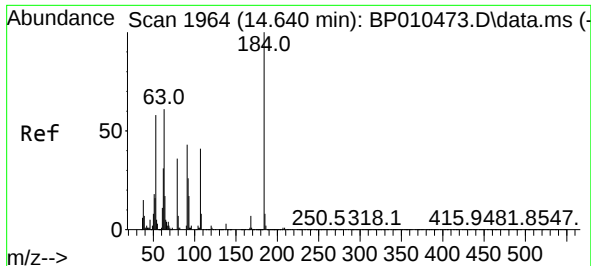
Tgt Ion:138 Resp: 221447
Ion Ratio Lower Upper
138 100
108 12.6 15.8 23.8#
92 125.0 117.1 175.7



#52
Acenaphthene
Concen: 31.459 ng/ul
RT: 14.587 min Scan# 1955
Delta R.T. -0.012 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

Tgt Ion:153 Resp: 849169
Ion Ratio Lower Upper
153 100
152 46.0 34.3 51.5
154 87.9 70.0 105.0

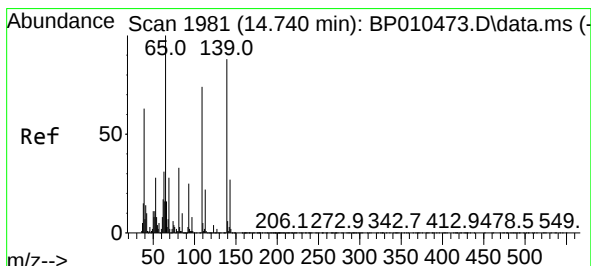
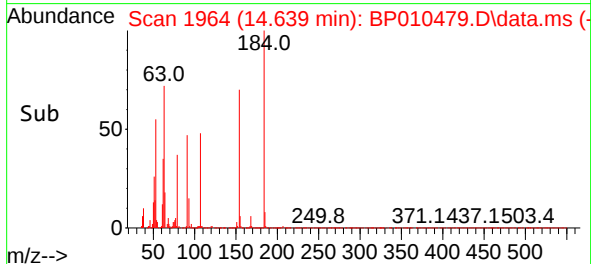
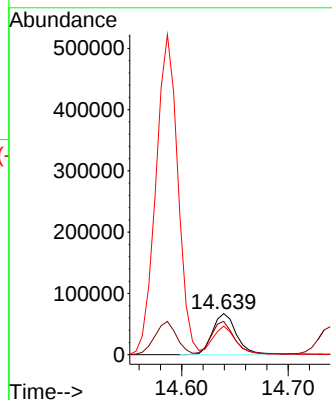
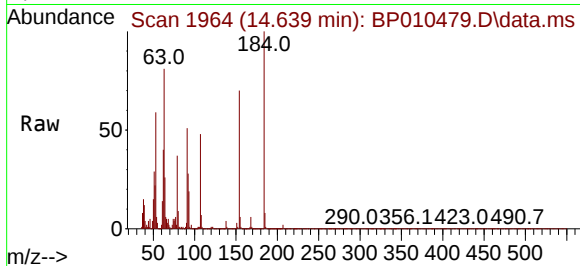




#53
2,4-Dinitrophenol
Concen: 28.063 ng/ul
RT: 14.639 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

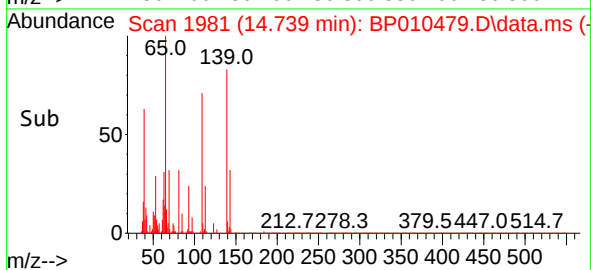
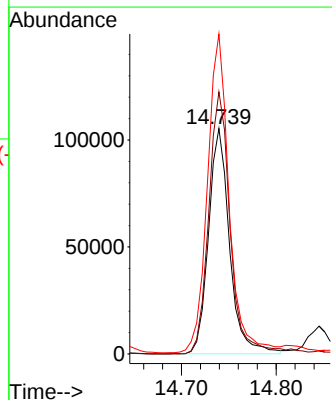
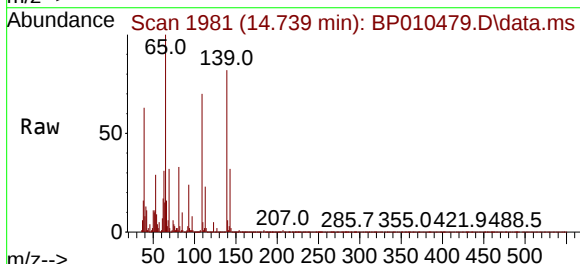
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ClientSampleId :
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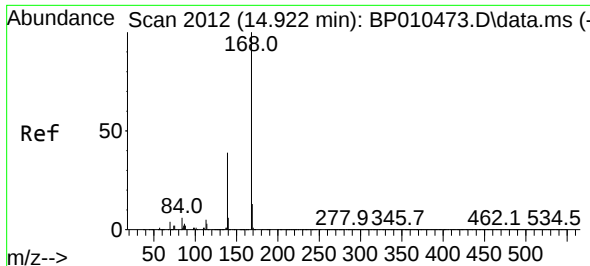
Tgt Ion:184 Resp: 105054
Ion Ratio Lower Upper
184 100
63 80.8 34.6 52.0#
154 69.7 57.7 86.5



#55
4-Nitrophenol
Concen: 30.910 ng/ul
RT: 14.739 min Scan# 1981
Delta R.T. 0.000 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

Tgt Ion:109 Resp: 162222
Ion Ratio Lower Upper
109 100
139 116.3 61.4 92.2#
65 141.9 65.3 97.9#

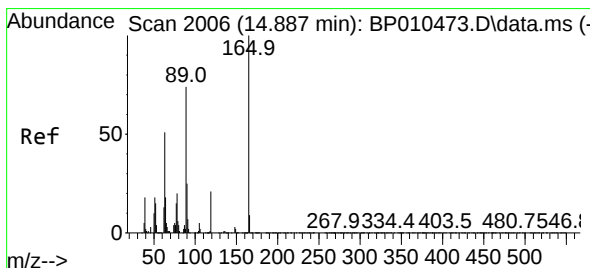
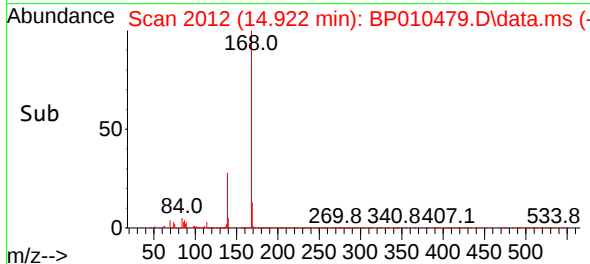
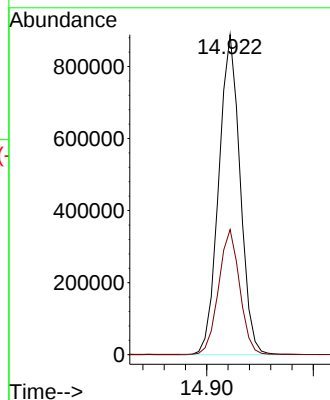
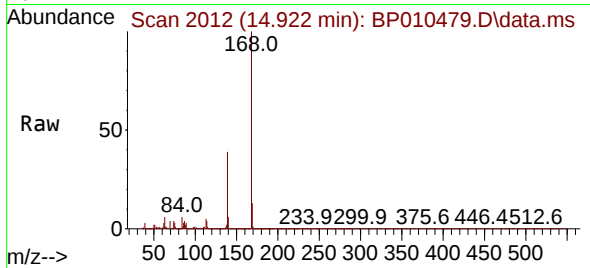




#56
Dibenzofuran
Concen: 31.175 ng/ul
RT: 14.922 min Scan# 2012
Delta R.T. -0.012 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

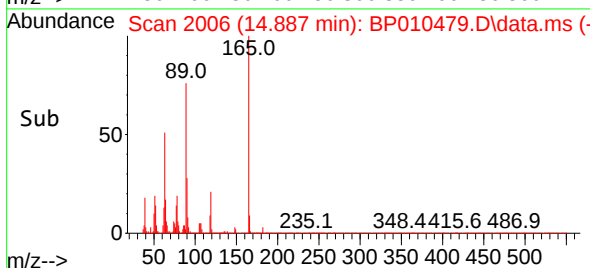
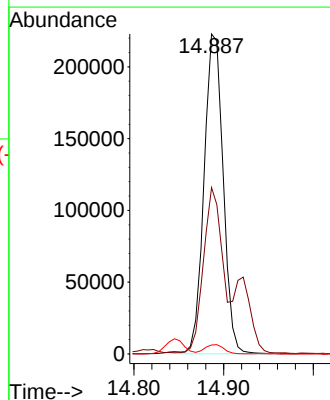
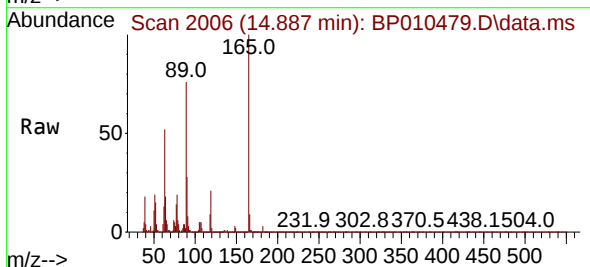
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BNA_P
ClientSampleId :
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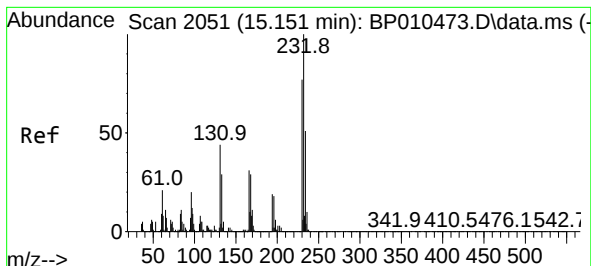
Tgt Ion:168 Resp: 1233214
Ion Ratio Lower Upper
168 100
139 39.1 30.1 45.1



#57
2,4-Dinitrotoluene
Concen: 34.163 ng/ul
RT: 14.887 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

Tgt Ion:165 Resp: 329754
Ion Ratio Lower Upper
165 100
63 52.0 29.5 44.3#
182 2.8 2.8 4.2#

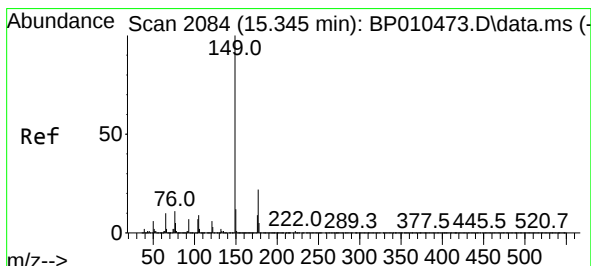
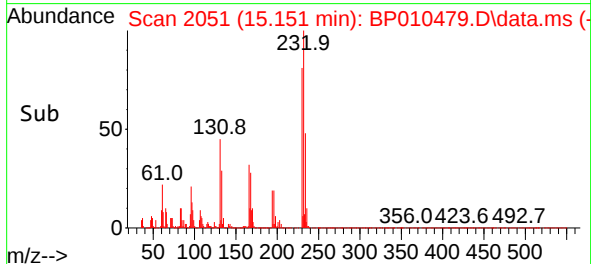
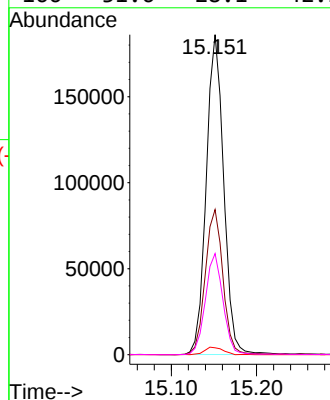
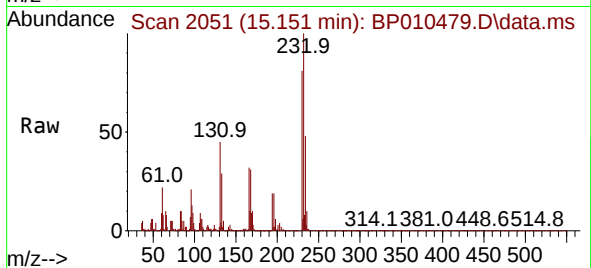




#58
2,3,4,6-Tetrachlorophenol
Concen: 32.233 ng/ul
RT: 15.151 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

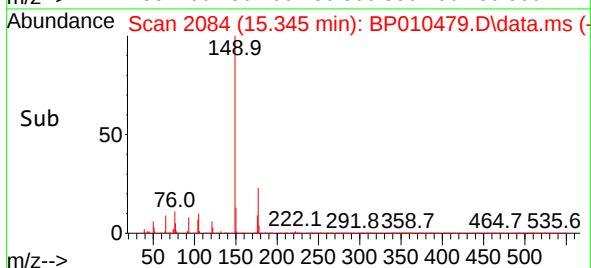
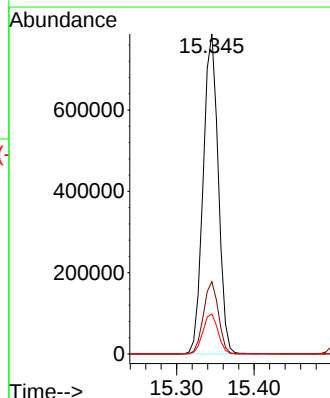
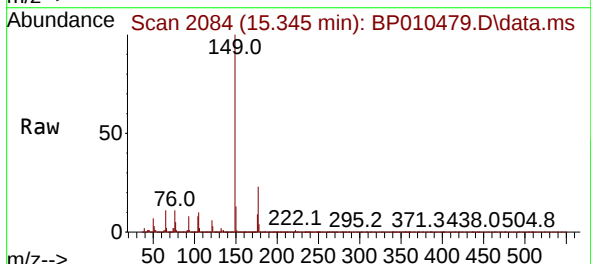
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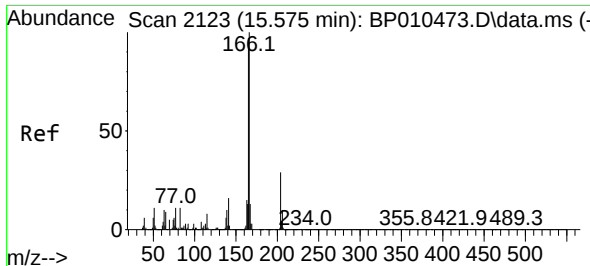
Tgt Ion:232 Resp: 264957
Ion Ratio Lower Upper
232 100
131 45.3 25.4 38.2#
130 2.2 4.2 6.2#
166 31.6 28.1 42.1



#59
Diethylphthalate
Concen: 31.679 ng/ul
RT: 15.345 min Scan# 2084
Delta R.T. -0.006 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

Tgt Ion:149 Resp: 1063229
Ion Ratio Lower Upper
149 100
177 22.6 22.0 33.0
150 12.5 10.2 15.2

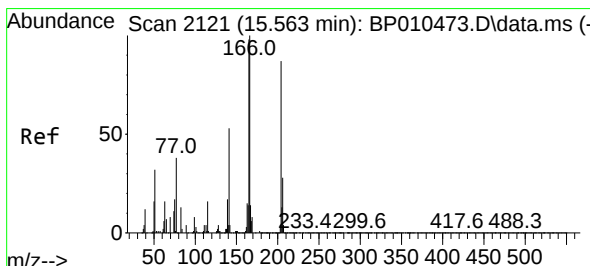
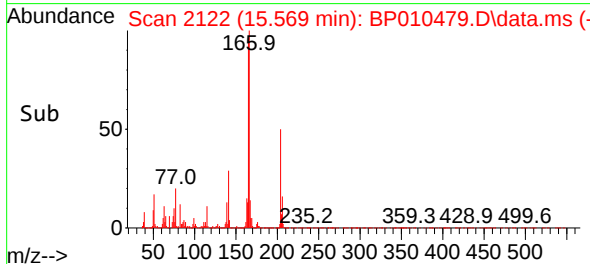
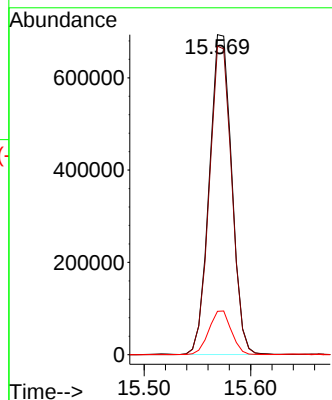
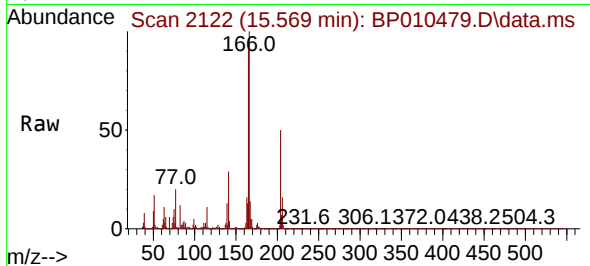




#61
Fluorene
Concen: 31.383 ng/ul
RT: 15.569 min Scan# 2122
Delta R.T. -0.012 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

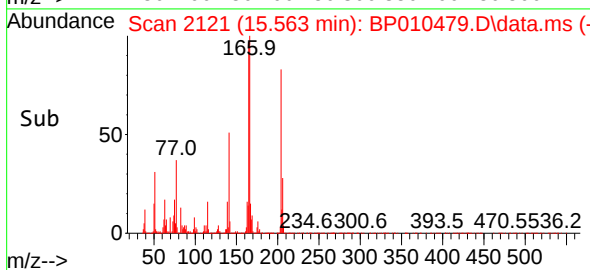
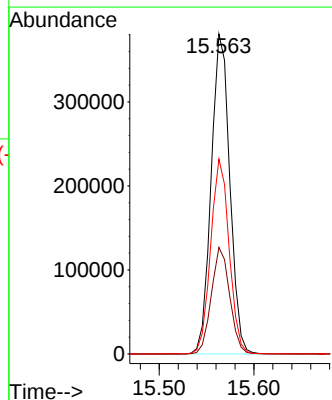
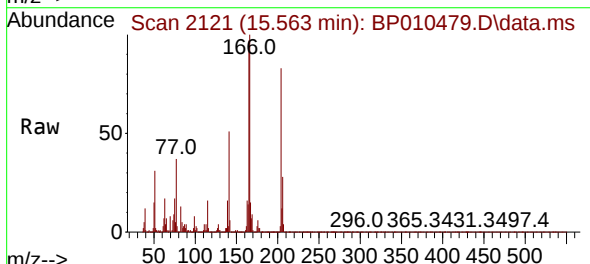
Instrument :
BNA_P
ClientSampleId :
SLCS961

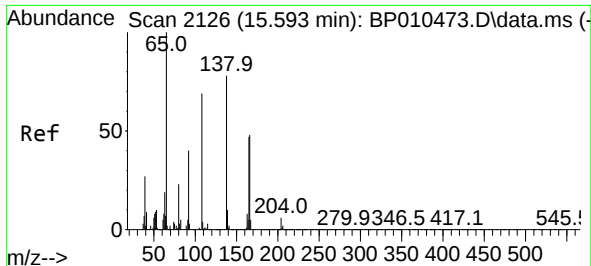
Tgt Ion:166 Resp: 1015228
Ion Ratio Lower Upper
166 100
165 96.4 70.3 105.5
167 13.6 9.5 14.3



#62
4-Chlorophenyl-phenylether
Concen: 30.920 ng/ul
RT: 15.563 min Scan# 2121
Delta R.T. -0.012 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

Tgt Ion:204 Resp: 520311
Ion Ratio Lower Upper
204 100
206 33.3 27.6 41.4
141 60.9 46.6 69.8

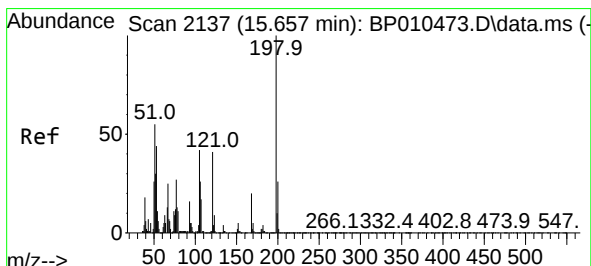
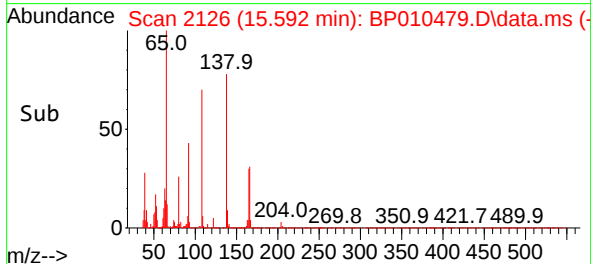
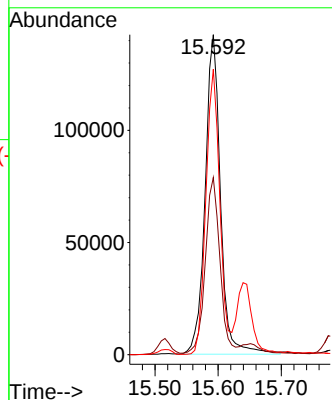
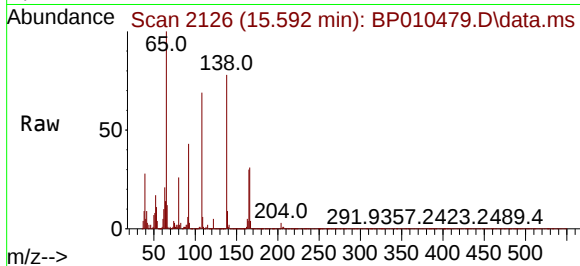




#63
4-Nitroaniline
Concen: 38.751 ng/ul
RT: 15.592 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

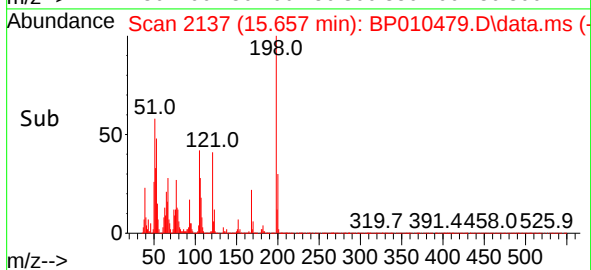
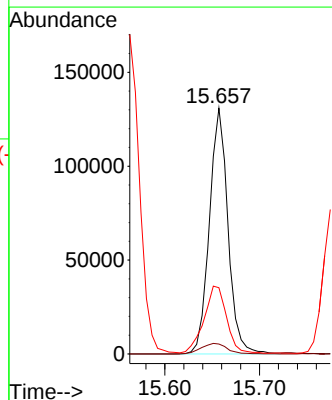
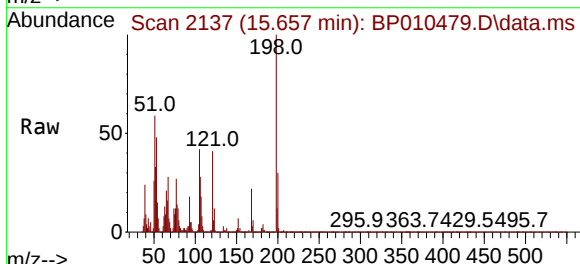
Instrument :
BNA_P
ClientSampleId :
SLCS961

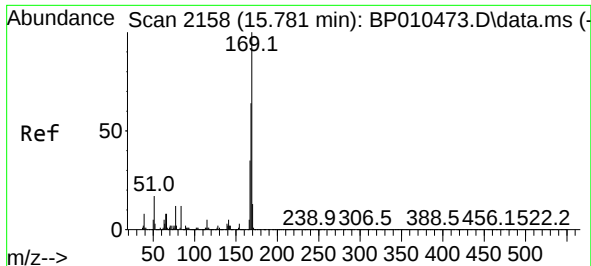
Tgt Ion:138 Resp: 240788
Ion Ratio Lower Upper
138 100
92 55.3 41.6 62.4
108 89.2 97.6 146.4#



#66
4,6-Dinitro-2-methylphenol
Concen: 31.759 ng/ul
RT: 15.657 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

Tgt Ion:198 Resp: 178364
Ion Ratio Lower Upper
198 100
182 4.0 6.0 9.0#
77 27.0 17.7 26.5#

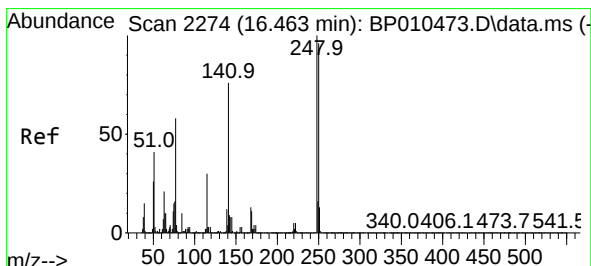
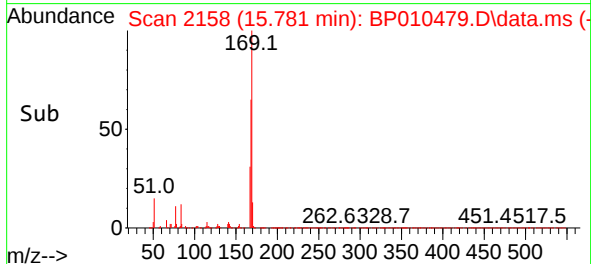
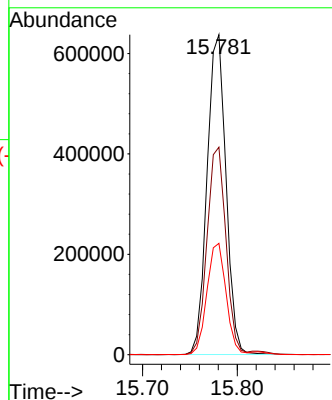
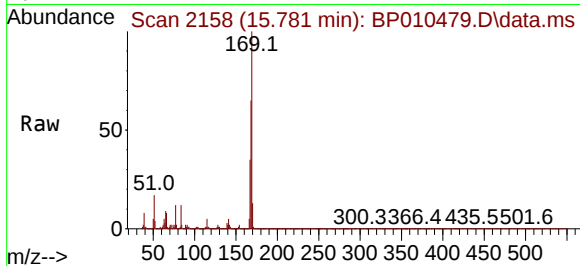




#67
N-Nitrosodiphenylamine
Concen: 32.790 ng/ul
RT: 15.781 min Scan# 2158
Delta R.T. -0.006 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

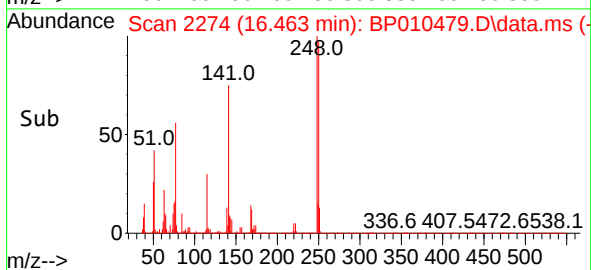
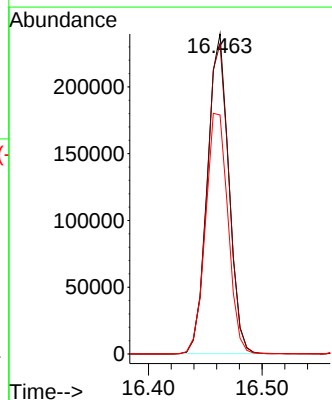
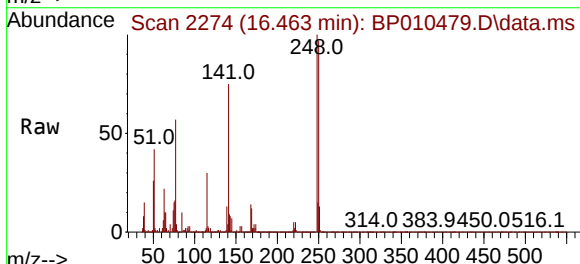
Instrument :
BNA_P
ClientSampleId :
SLCS961

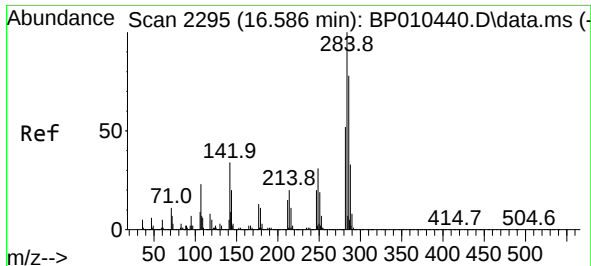
Tgt Ion:169 Resp: 885485
Ion Ratio Lower Upper
169 100
168 64.8 48.3 72.5
167 34.8 29.6 44.4



#68
4-Bromophenyl-phenylether
Concen: 31.559 ng/ul
RT: 16.463 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

Tgt Ion:248 Resp: 312971
Ion Ratio Lower Upper
248 100
250 97.0 79.4 119.0
141 74.7 67.2 100.8

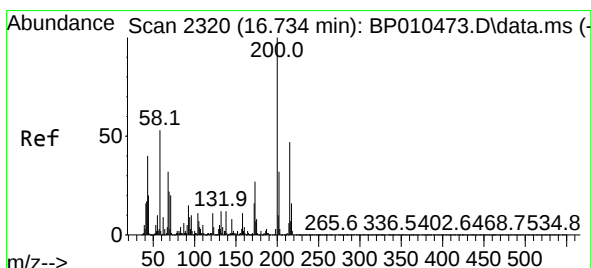
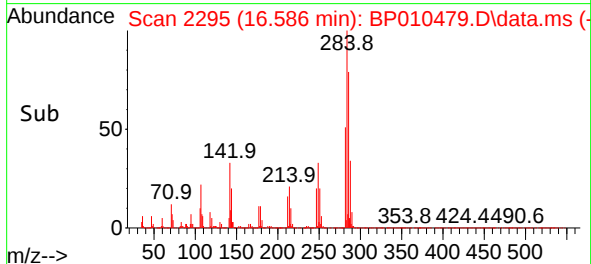
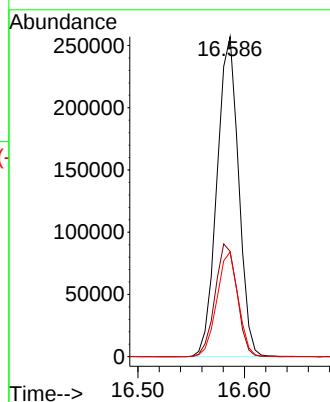
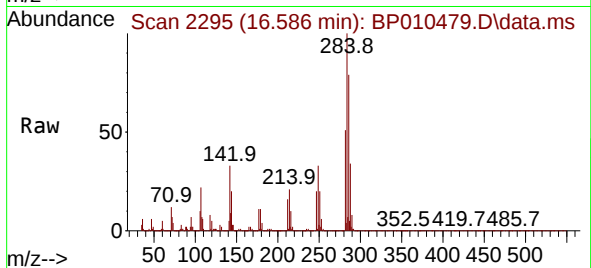




#69
Hexachlorobenzene
Concen: 31.763 ng/ul
RT: 16.586 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

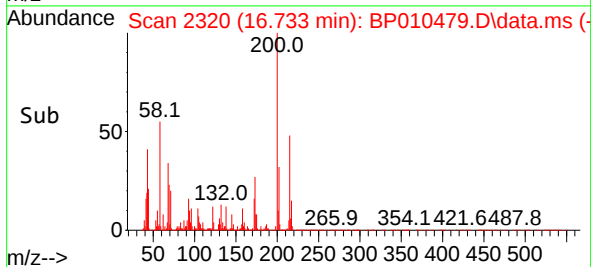
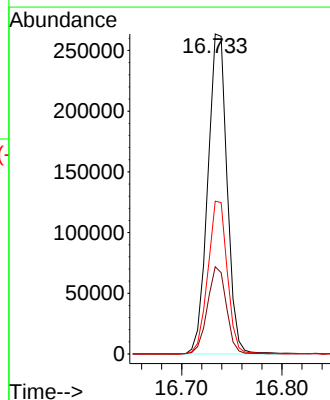
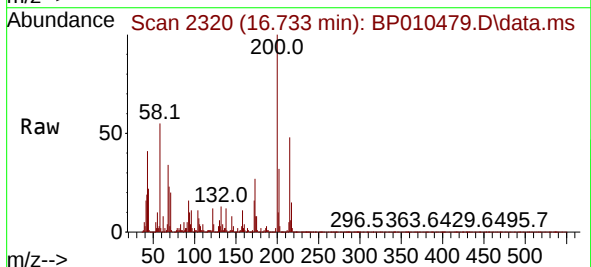
Instrument :
BNA_P
ClientSampleId :
SLCS961

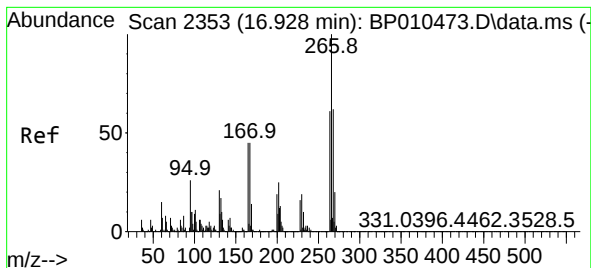
Tgt Ion:284 Resp: 362319
Ion Ratio Lower Upper
284 100
142 32.9 19.2 28.8#
249 32.7 27.4 41.2



#70
Atrazine
Concen: 32.640 ng/ul
RT: 16.733 min Scan# 2320
Delta R.T. -0.012 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

Tgt Ion:200 Resp: 353111
Ion Ratio Lower Upper
200 100
173 27.2 19.2 28.8
215 47.7 32.2 48.4





#71

Pentachlorophenol

Concen: 31.666 ng/ul

RT: 16.928 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP010479.D

Acq: 23 May 2022 16:35

Instrument :

BNA_P

ClientSampleId :

SLCS961

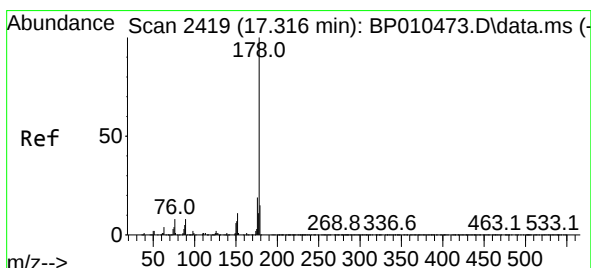
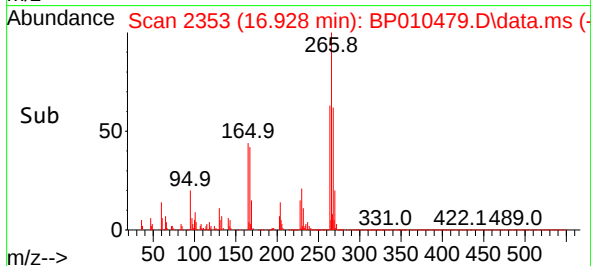
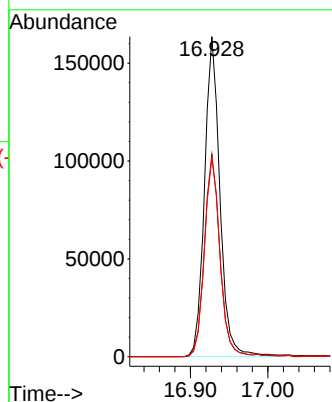
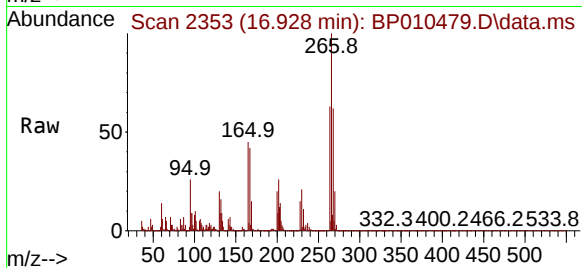
Tgt Ion:266 Resp: 226648

Ion Ratio Lower Upper

266 100

264 63.3 57.3 85.9

268 62.0 65.7 98.5#



#72

Phenanthrene

Concen: 32.087 ng/ul

RT: 17.316 min Scan# 2419

Delta R.T. -0.012 min

Lab File: BP010479.D

Acq: 23 May 2022 16:35

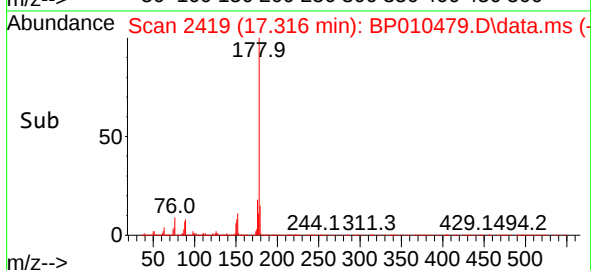
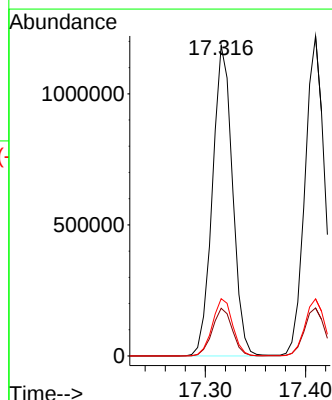
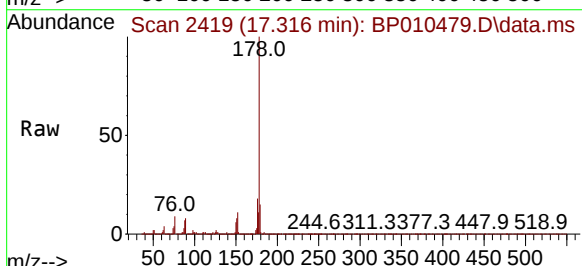
Tgt Ion:178 Resp: 1648968

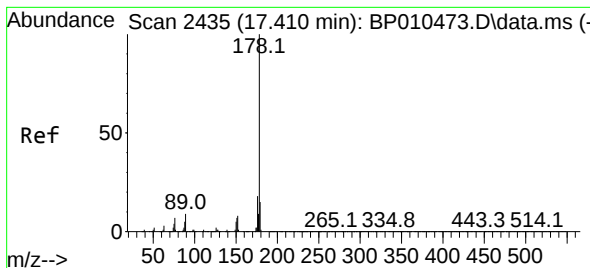
Ion Ratio Lower Upper

178 100

179 15.4 11.7 17.5

176 18.5 14.5 21.7





#74

Anthracene

Concen: 32.127 ng/uI

RT: 17.410 min Scan# 2435

Delta R.T. -0.006 min

Lab File: BP010479.D

Acq: 23 May 2022 16:35

Instrument :

BNA_P

ClientSampleId :

SLCS961

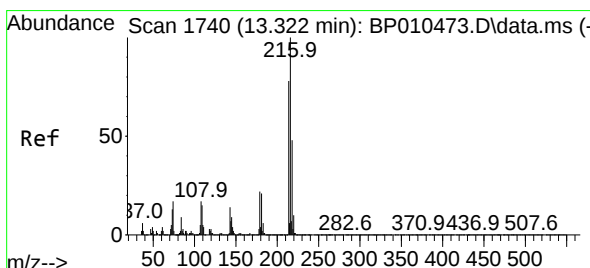
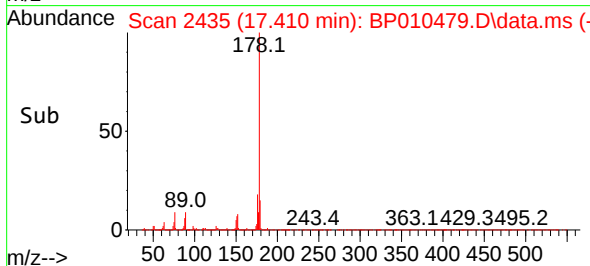
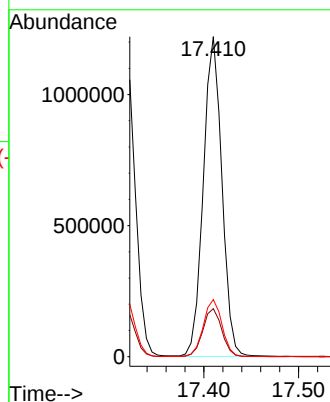
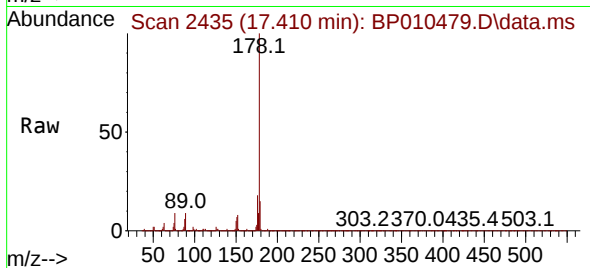
Tgt Ion:178 Resp: 1656292

Ion Ratio Lower Upper

178 100

179 15.0 12.3 18.5

176 17.9 13.4 20.2



#75

1,2,3,4-Tetrachlorobenzene

Concen: 31.392 ng/uI

RT: 13.328 min Scan# 1741

Delta R.T. -0.006 min

Lab File: BP010479.D

Acq: 23 May 2022 16:35

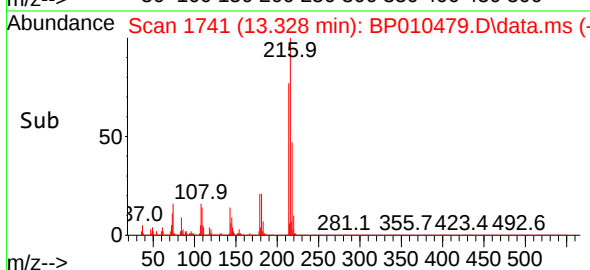
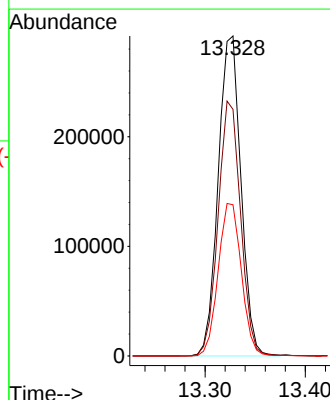
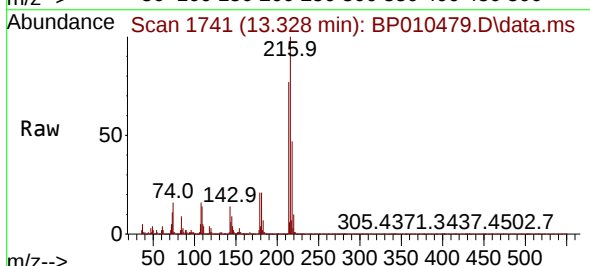
Tgt Ion:216 Resp: 459399

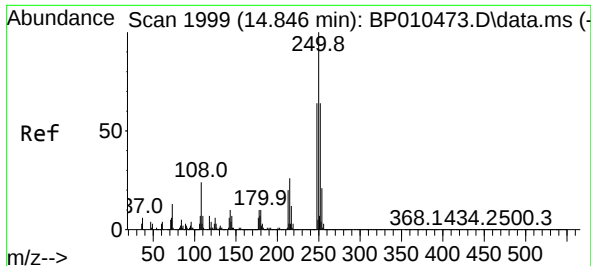
Ion Ratio Lower Upper

216 100

214 77.1 50.4 75.6#

218 47.3 35.2 52.8

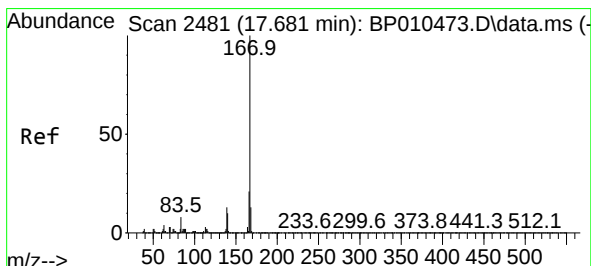
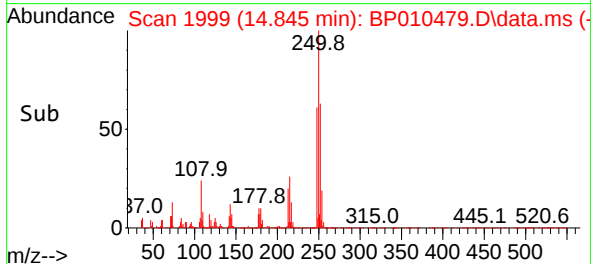
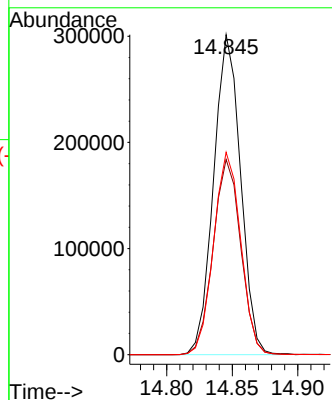
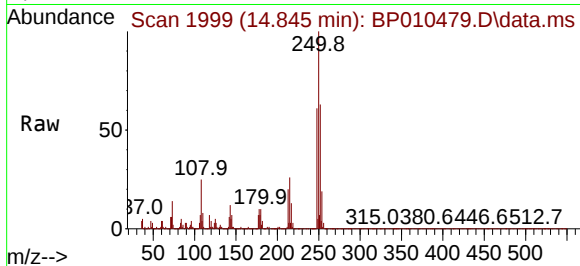




#76
 Pentachlorobenzene
 Concen: 32.442 ng/uL
 RT: 14.845 min Scan# 1999
 Delta R.T. -0.012 min
 Lab File: BP010479.D
 Acq: 23 May 2022 16:35

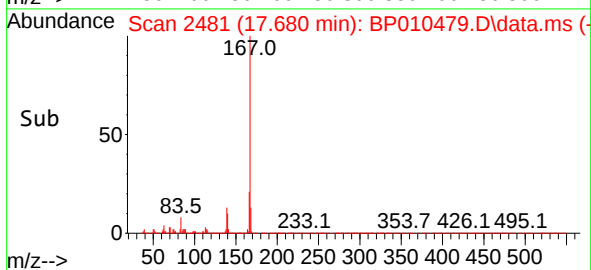
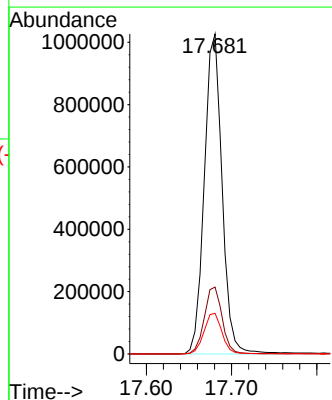
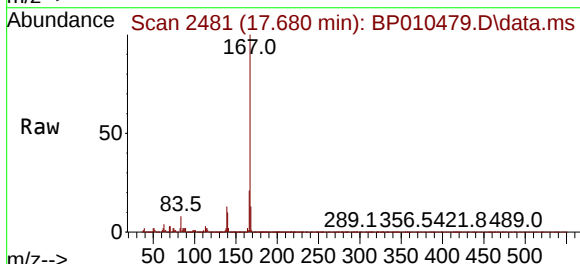
Instrument :
 BNA_P
 ClientSampleId :
 SLCS961

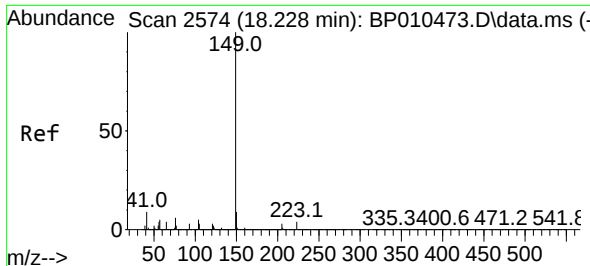
Tgt Ion:250 Resp: 430760
 Ion Ratio Lower Upper
 250 100
 248 61.0 43.5 65.3
 252 63.3 46.5 69.7



#77
 Carbazole
 Concen: 32.849 ng/uL
 RT: 17.680 min Scan# 2481
 Delta R.T. -0.006 min
 Lab File: BP010479.D
 Acq: 23 May 2022 16:35

Tgt Ion:167 Resp: 1488312
 Ion Ratio Lower Upper
 167 100
 166 20.9 15.8 23.8
 139 12.7 8.3 12.5

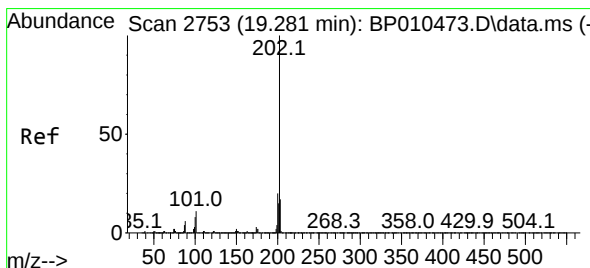
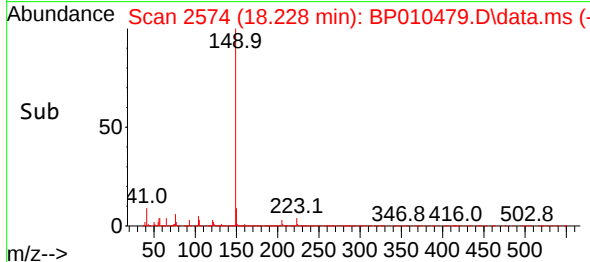
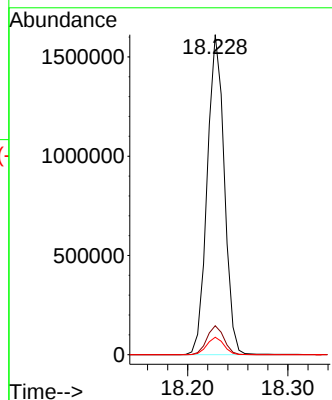
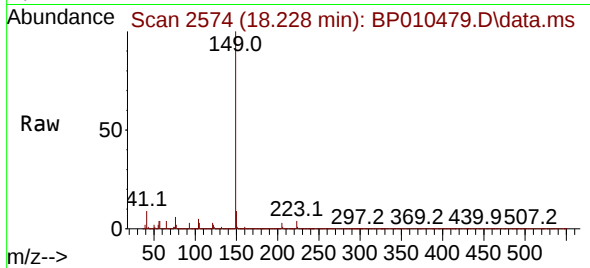




#78
Di-n-butylphthalate
Concen: 34.517 ng/ul
RT: 18.228 min Scan# 2574
Delta R.T. -0.012 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

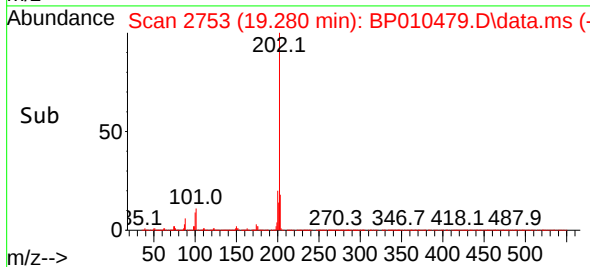
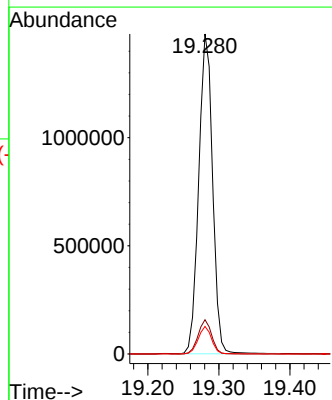
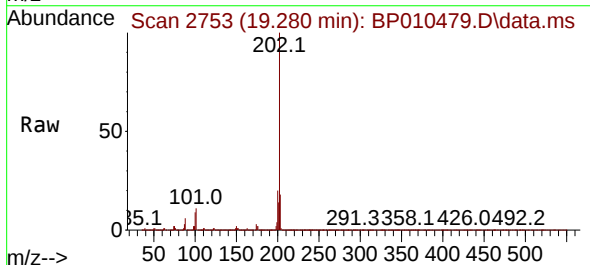
Instrument :
BNA_P
ClientSampleId :
SLCS961

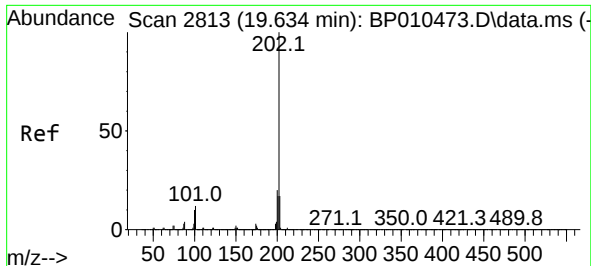
Tgt Ion:149 Resp: 1904755
Ion Ratio Lower Upper
149 100
150 9.0 9.6 14.4#
104 5.4 6.2 9.4#



#80
Fluoranthene
Concen: 35.832 ng/ul
RT: 19.280 min Scan# 2753
Delta R.T. -0.006 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

Tgt Ion:202 Resp: 2012962
Ion Ratio Lower Upper
202 100
101 10.7 9.6 14.4
100 8.6 6.3 9.5

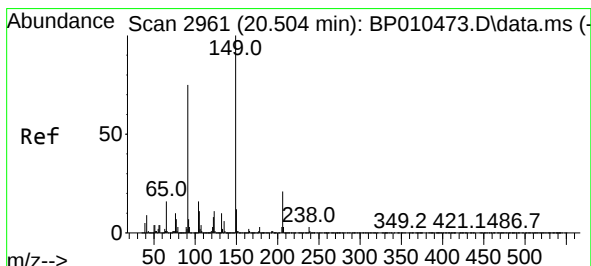
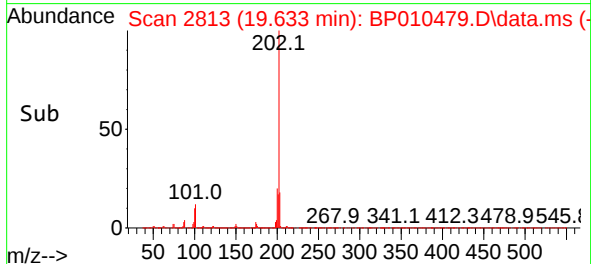
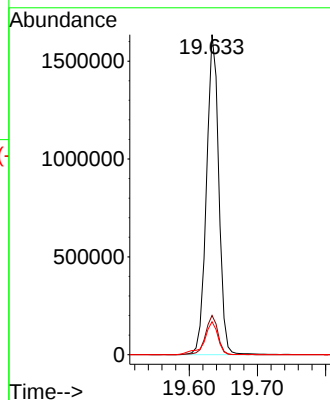
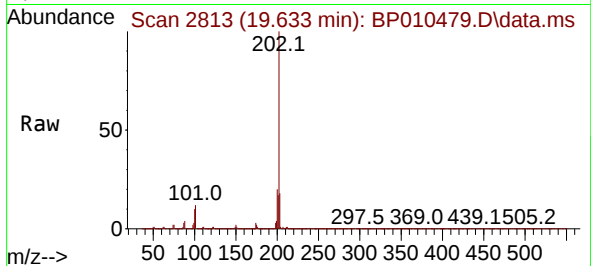




#82
 Pyrene
 Concen: 34.950 ng/ul
 RT: 19.633 min Scan# 2813
 Delta R.T. -0.006 min
 Lab File: BP010479.D
 Acq: 23 May 2022 16:35

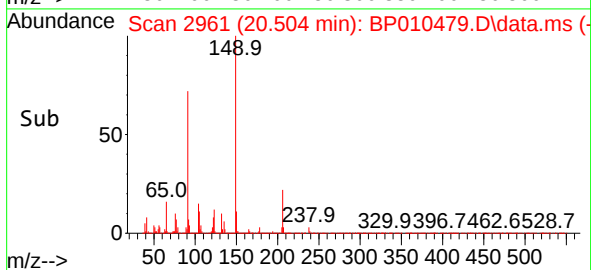
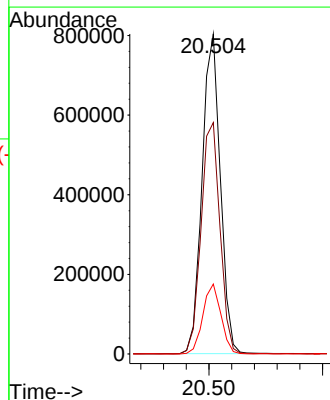
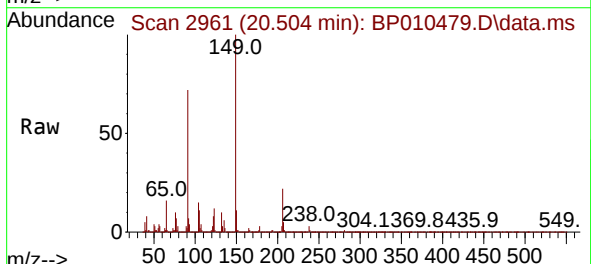
Instrument :
 BNA_P
 ClientSampleId :
 SLCS961

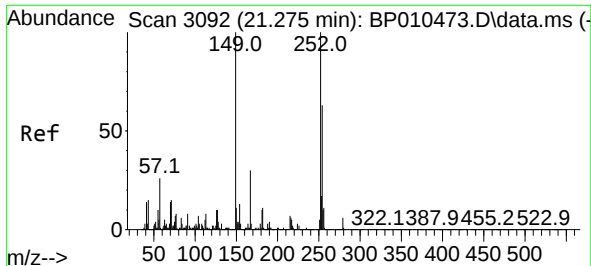
Tgt Ion:202 Resp: 2048932
 Ion Ratio Lower Upper
 202 100
 101 12.3 10.6 15.8
 100 10.3 9.8 14.6



#83
 Butylbenzylphthalate
 Concen: 38.093 ng/ul
 RT: 20.504 min Scan# 2961
 Delta R.T. -0.006 min
 Lab File: BP010479.D
 Acq: 23 May 2022 16:35

Tgt Ion:149 Resp: 892989
 Ion Ratio Lower Upper
 149 100
 91 72.3 71.1 106.7
 206 21.9 28.8 43.2#

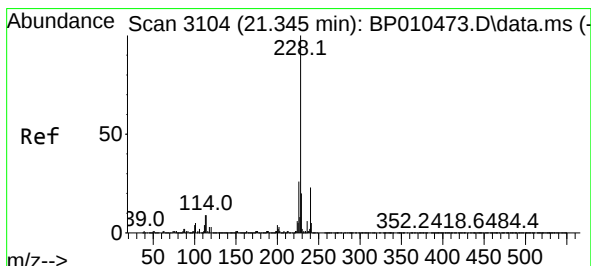
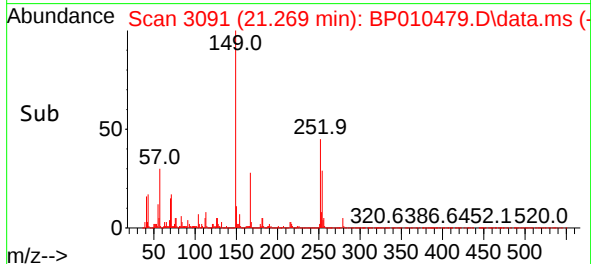
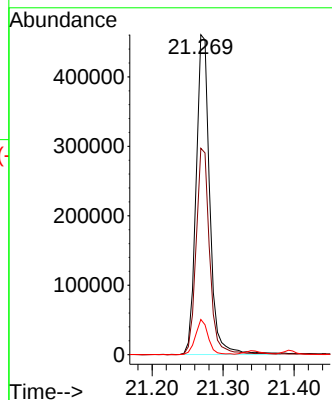
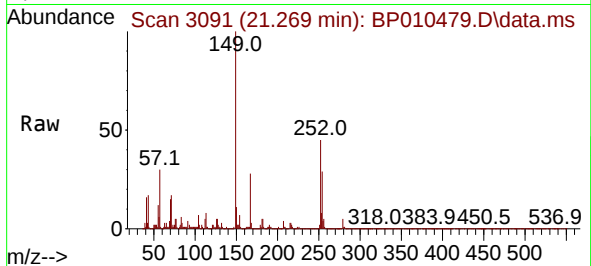




#84
3,3'-Dichlorobenzidine
Concen: 33.657 ng/ul
RT: 21.269 min Scan# 3091
Delta R.T. -0.012 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

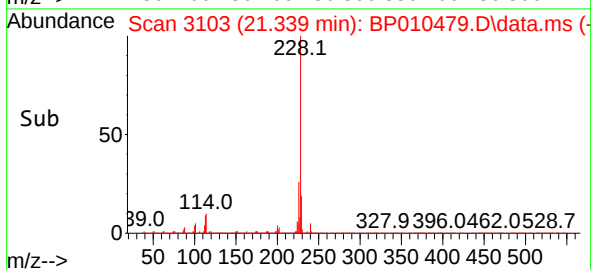
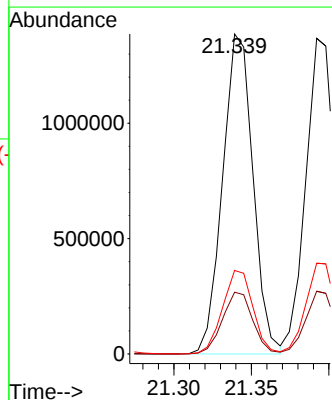
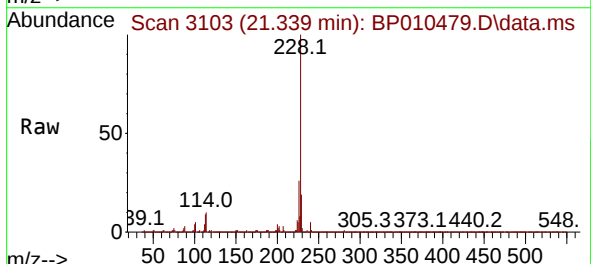
Instrument :
BNA_P
ClientSampleId :
SLCS961

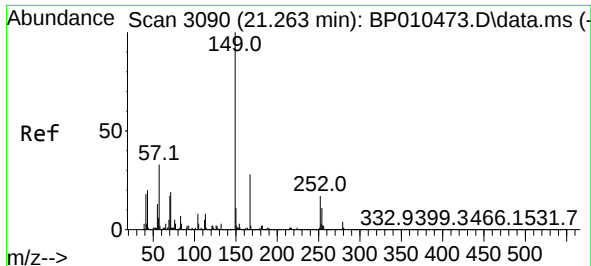
Tgt Ion:252 Resp: 615766
Ion Ratio Lower Upper
252 100
254 64.5 49.8 74.6
126 11.0 4.3 6.5#



#85
Benzo(a)anthracene
Concen: 33.215 ng/ul
RT: 21.339 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

Tgt Ion:228 Resp: 1890668
Ion Ratio Lower Upper
228 100
229 19.3 18.2 27.2
226 26.1 22.8 34.2

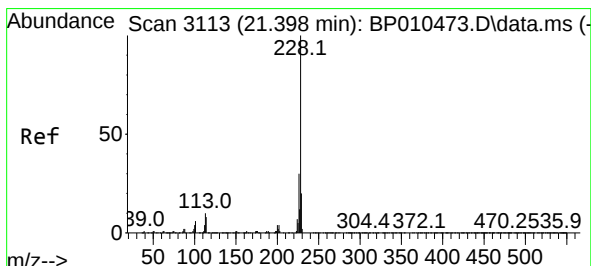
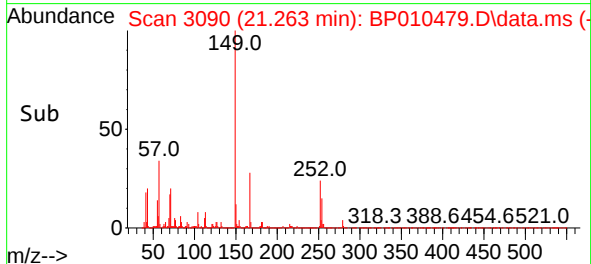
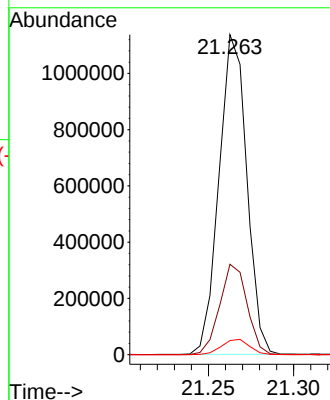
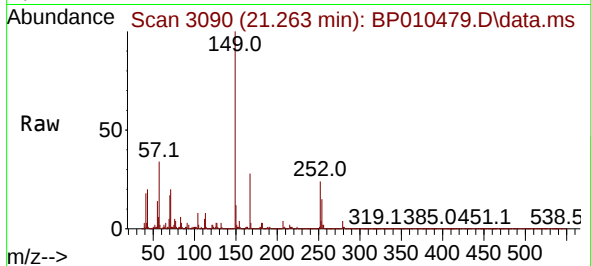




#86
Bis(2-ethylhexyl)phthalate
Concen: 37.457 ng/ul
RT: 21.263 min Scan# 3090
Delta R.T. -0.006 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

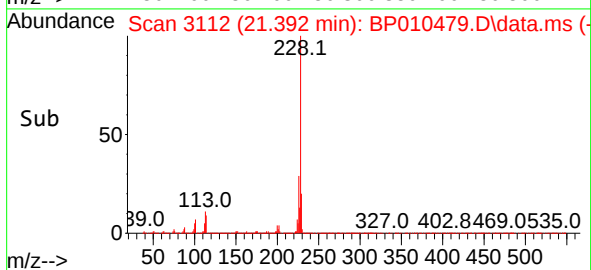
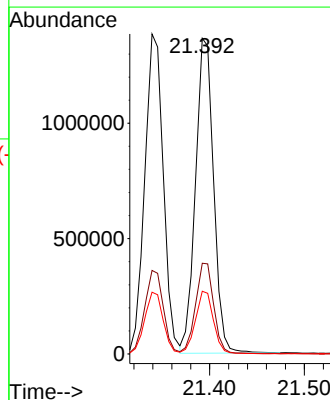
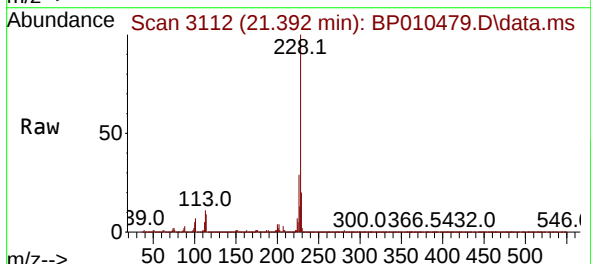
Instrument :
BNA_P
ClientSampleId :
SLCS961

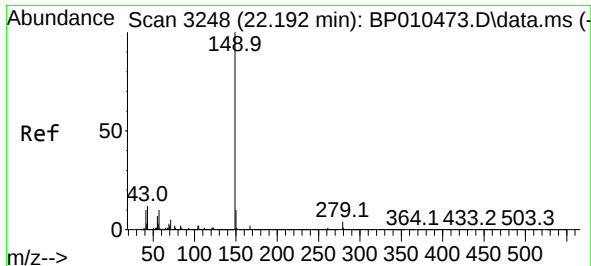
Tgt Ion:149 Resp: 1288549
Ion Ratio Lower Upper
149 100
167 28.2 32.8 49.2#
279 4.4 5.6 8.4#



#87
Chrysene
Concen: 32.496 ng/ul
RT: 21.392 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

Tgt Ion:228 Resp: 1819483
Ion Ratio Lower Upper
228 100
226 28.7 22.7 34.1
229 19.9 15.2 22.8

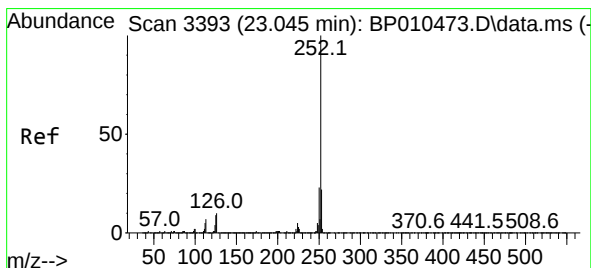
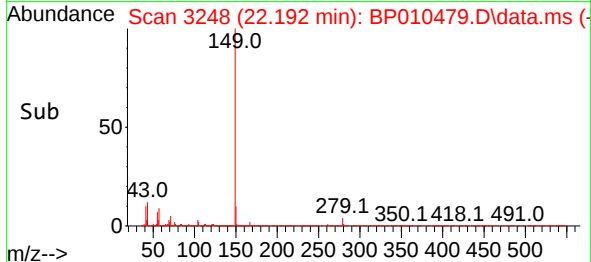
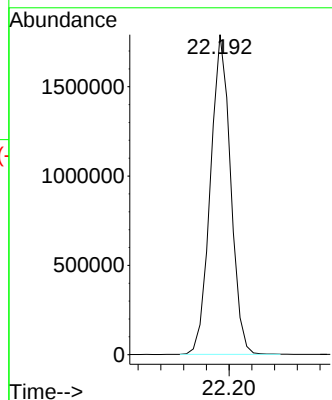
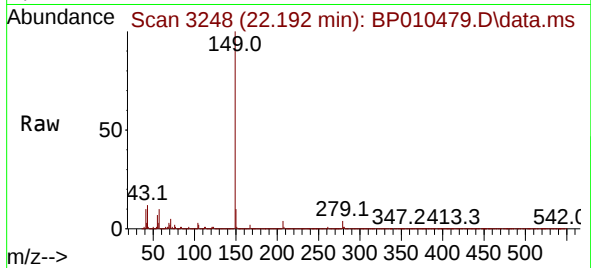




#89
Di-n-octyl phthalate
Concen: 39.960 ng/ul
RT: 22.192 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

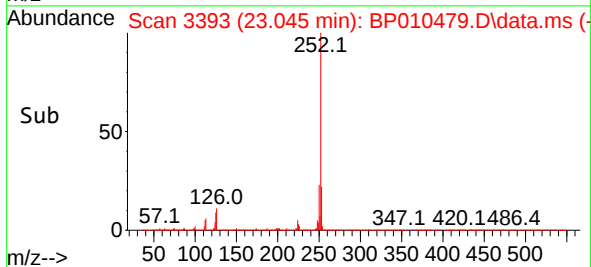
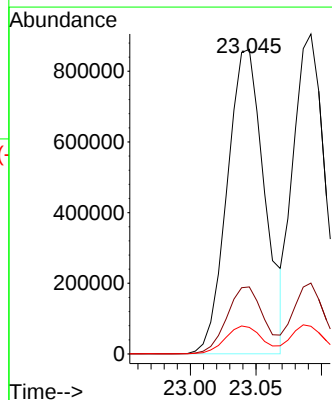
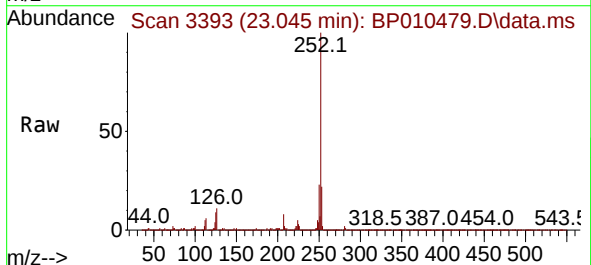
Instrument :
BNA_P
ClientSampleId :
SLCS961

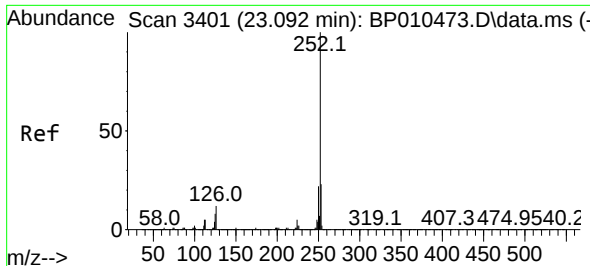
Tgt Ion:149 Resp: 2204033



#90
Benzo(b)fluoranthene
Concen: 34.908 ng/ul
RT: 23.045 min Scan# 3393
Delta R.T. -0.006 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

Tgt Ion:252 Resp: 1710709
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 8.7 7.3 10.9

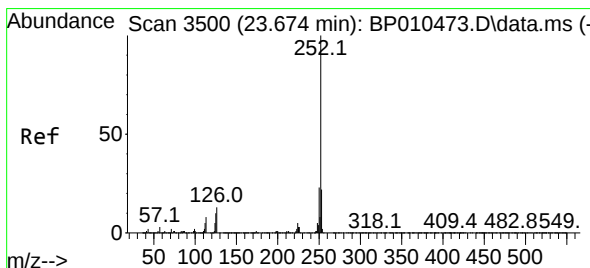
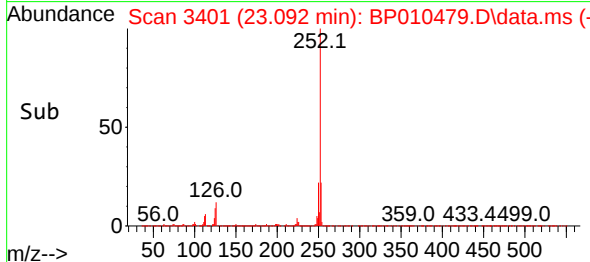
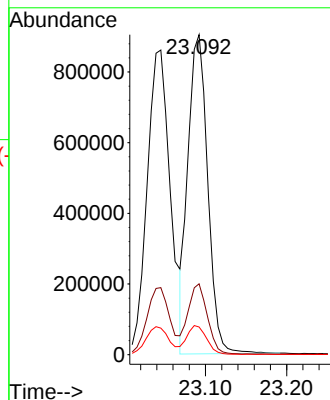
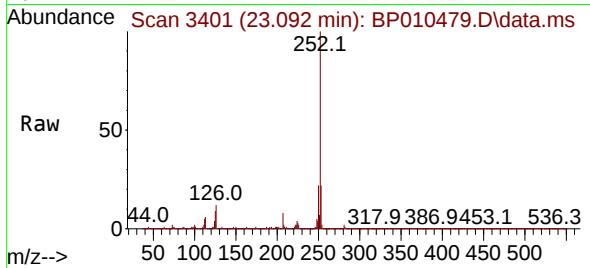




#91
Benzo(k)fluoranthene
Concen: 32.836 ng/u1
RT: 23.092 min Scan# 3401
Delta R.T. -0.006 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

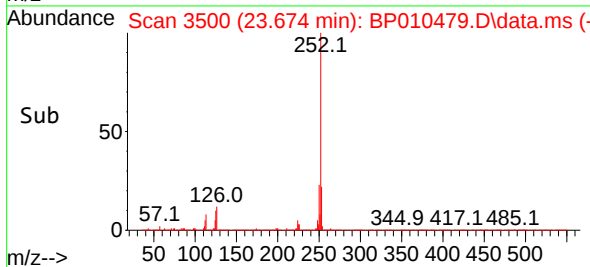
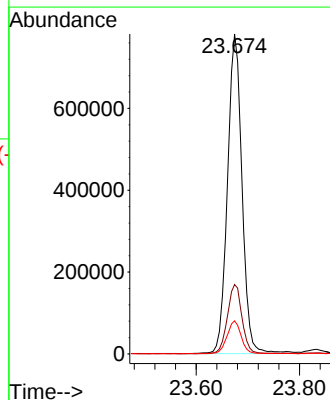
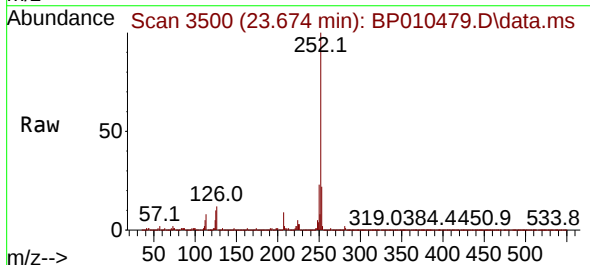
Instrument :
BNA_P
ClientSampleId :
SLCS961

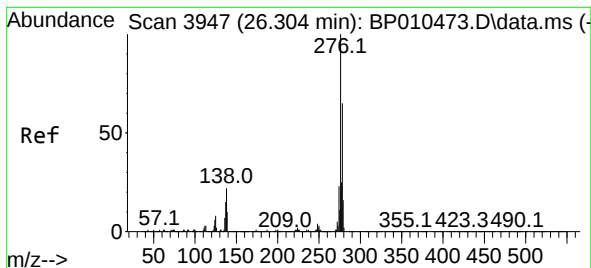
Tgt Ion:252 Resp: 1529363
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 8.7 5.1 7.7#



#93
Benzo(a)pyrene
Concen: 33.447 ng/u1
RT: 23.674 min Scan# 3500
Delta R.T. -0.006 min
Lab File: BP010479.D
Acq: 23 May 2022 16:35

Tgt Ion:252 Resp: 1522864
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 10.3 6.4 9.6#





#94

Indeno(1,2,3-cd)pyrene

Concen: 34.421 ng/ul

RT: 26.309 min Scan# 3947

Delta R.T. -0.012 min

Lab File: BP010479.D

Acq: 23 May 2022 16:35

Instrument :

BNA_P

ClientSampleId :

SLCS961

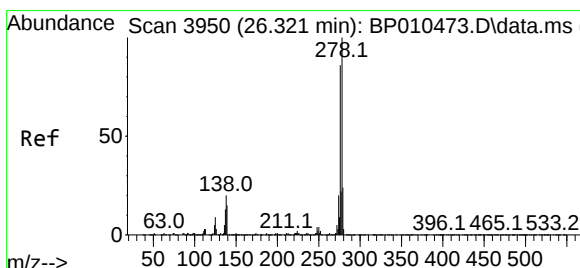
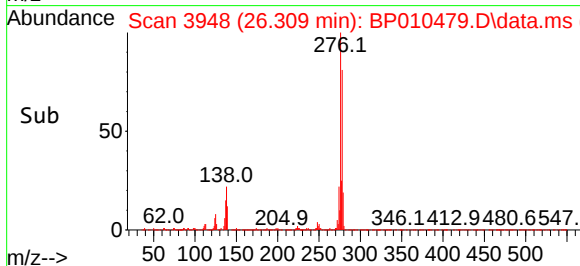
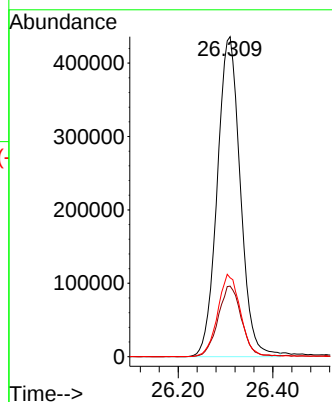
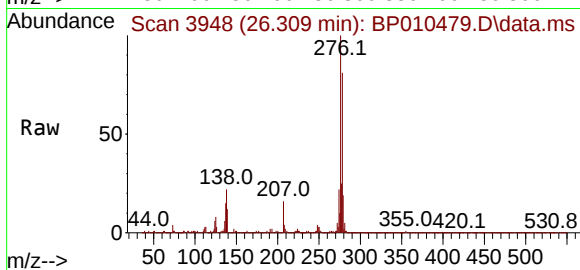
Tgt Ion:276 Resp: 1474385

Ion Ratio Lower Upper

276 100

138 22.0 12.3 18.5#

277 24.6 19.3 28.9



#95

Dibenzo(a,h)anthracene

Concen: 33.783 ng/ul

RT: 26.321 min Scan# 3950

Delta R.T. -0.012 min

Lab File: BP010479.D

Acq: 23 May 2022 16:35

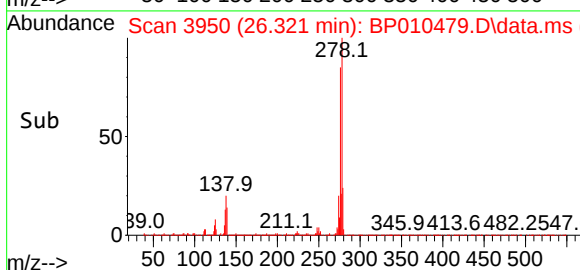
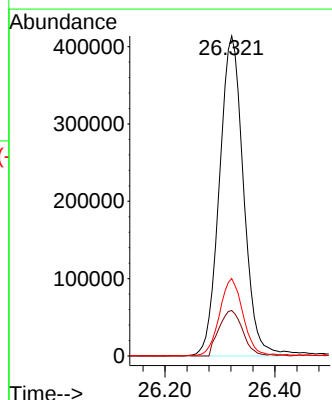
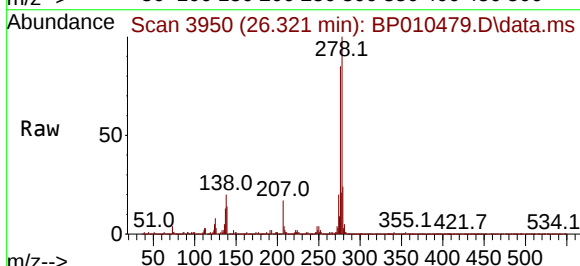
Tgt Ion:278 Resp: 1255612

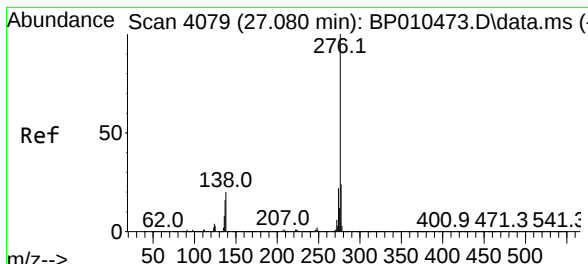
Ion Ratio Lower Upper

278 100

139 14.2 6.6 10.0#

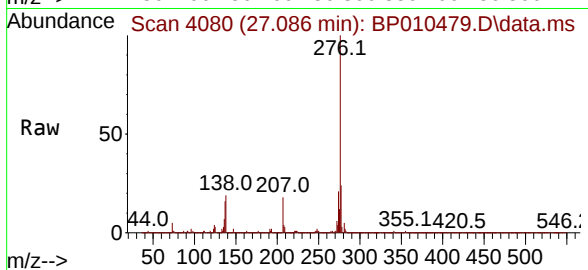
279 24.2 18.4 27.6





#96
 Benzo(g,h,i)perylene
 Concen: 34.743 ng/ul
 RT: 27.086 min Scan# 40
 Delta R.T. -0.006 min
 Lab File: BP010479.D
 Acq: 23 May 2022 16:35

Instrument :
 BNA_P
 ClientSampleId :
 SLCS961



Tgt Ion:276 Resp: 1242624
 Ion Ratio Lower Upper
 276 100
 138 18.9 11.6 17.4#
 277 24.2 15.9 23.9#

