

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
 Data File : BP015615.D
 Acq On : 19 Jun 2023 21:44
 Operator : MA/JU
 Sample : PB153339BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS339

Quant Time: Jun 19 22:29:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 15 05:36:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	160126	20.000	ng/u1	0.00
20) Naphthalene-d8	10.916	136	695415	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.734	164	445773	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.492	188	1023671	20.000	ng/u1	0.00
79) Chrysene-d12	21.574	240	873745	20.000	ng/u1	0.00
88) Perylene-d12	24.121	264	904836	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	23809	5.506	ng/uL	0.00
4) Pyridine-d5	3.846	84	344349	30.657	ng/u1	0.00
7) Phenol-d5	7.252	99	522146	35.395	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.410	67	307958	34.955	ng/u1	0.00
11) 2-Chlorophenol-d4	7.616	132	408153	38.161	ng/u1	0.00
15) 4-Methylphenol-d8	8.816	113	426537	35.230	ng/u1	0.02
21) Nitrobenzene-d5	9.269	128	210244	38.508	ng/u1	0.00
24) 2-Nitrophenol-d4	9.998	143	241451	38.726	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	425142	37.380	ng/u1	0.00
31) 4-Chloroaniline-d4	11.057	131	545523	33.416	ng/u1	0.00
46) Dimethylphthalate-d6	14.139	166	1285005	36.556	ng/u1	0.00
49) Acenaphthylene-d8	14.428	160	1470075	38.246	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	232576	36.947	ng/u1	0.02
60) Fluorene-d10	15.728	176	1101948	37.175	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	183287	28.263	ng/u1	0.01
73) Anthracene-d10	17.592	188	1750579	37.586	ng/u1	0.00
81) Pyrene-d10	19.816	212	2071241	44.291	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.957	264	1774771	39.091	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.440	88	51149	11.198	ng/uL#	88
5) Pyridine	3.869	79	351094	30.151	ng/u1	98
6) Benzaldehyde	7.222	77	256467	45.484	ng/u1	96
8) Phenol	7.281	94	537761	35.335	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.505	93	401735	33.386	ng/u1	99
12) 2-Chlorophenol	7.652	128	413344	36.578	ng/u1	99
13) 2-Methylphenol	8.546	108	404391	34.535	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.622	45	530930	33.296	ng/u1	97
16) Acetophenone	8.928	105	659431	34.129	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.910	70	343516	32.941	ng/u1	98
18) 4-Methylphenol	8.881	108	437824	33.983	ng/u1	99
19) Hexachloroethane	9.175	117	172969	36.222	ng/u1	98
22) Nitrobenzene	9.310	77	537008	37.089	ng/u1	98
23) Isophorone	9.840	82	989229	34.130	ng/u1	99
25) 2-Nitrophenol	10.028	139	246991	36.690	ng/u1	99
26) 2,4-Dimethylphenol	10.087	107	450835	31.580	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.316	93	554320	32.896	ng/u1	100
29) 2,4-Dichlorophenol	10.569	162	415935	36.781	ng/u1	98
30) Naphthalene	10.969	128	1349995	35.825	ng/u1	100
32) 4-Chloroaniline	11.087	127	491298	29.084	ng/u1	99
33) Hexachlorobutadiene	11.240	225	285815	37.477	ng/u1	98
34) Caprolactam	11.887	113	133469	31.353	ng/u1	95
35) 4-Chloro-3-methylphenol	12.210	107	491740	35.890	ng/u1	99
36) 2-Methylnaphthalene	12.569	142	905824	34.193	ng/u1	100

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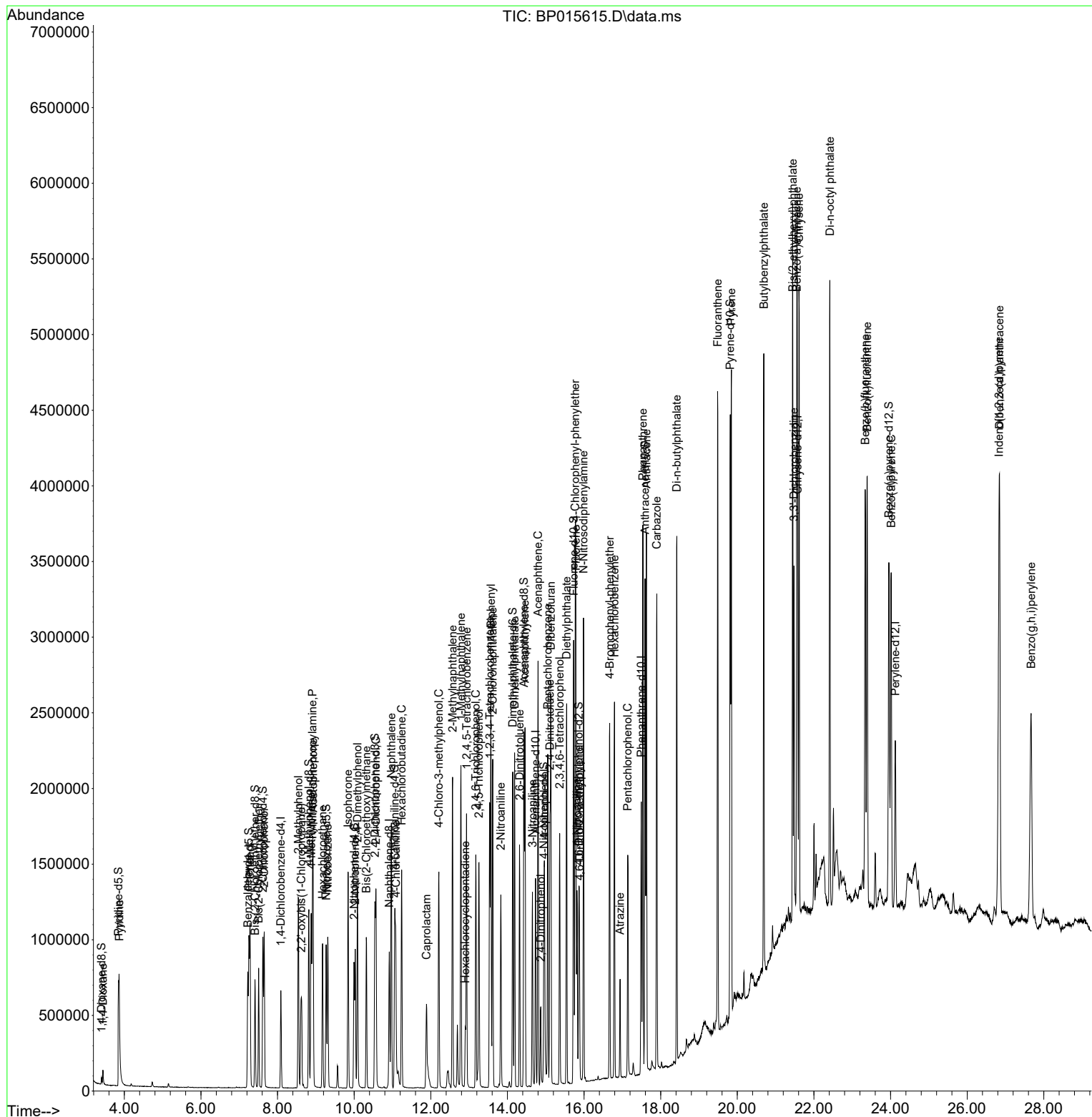
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.787	142	906456	33.984	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.934	216	521501	37.569	ng/ul	100
40) Hexachlorocyclopentadiene	12.898	237	99710	17.524	ng/ul	99
41) 2,4,6-Trichlorophenol	13.175	196	331856	35.920	ng/ul	98
42) 2,4,5-Trichlorophenol	13.257	196	372789	37.029	ng/ul	97
43) 1,1'-Biphenyl	13.569	154	1225663	35.554	ng/ul	99
44) 2-Chloronaphthalene	13.616	162	987418	36.507	ng/ul	99
45) 2-Nitroaniline	13.828	65	344895	39.843	ng/ul	98
47) Dimethylphthalate	14.187	163	1264153	34.831	ng/ul	100
48) 2,6-Dinitrotoluene	14.316	165	280982	37.788	ng/ul	99
50) Acenaphthylene	14.457	152	1535019	36.062	ng/ul	100
51) 3-Nitroaniline	14.651	138	288946	47.072	ng/ul	96
52) Acenaphthene	14.798	153	1063758	36.154	ng/ul	99
53) 2,4-Dinitrophenol	14.869	184	109172	24.407	ng/ul	97
55) 4-Nitrophenol	14.969	109	228906	37.699	ng/ul	91
56) Dibenzofuran	15.134	168	1478406	35.451	ng/ul	97
57) 2,4-Dinitrotoluene	15.110	165	408023	37.308	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.363	232	305917	33.654	ng/ul	99
59) Diethylphthalate	15.545	149	1321761	35.534	ng/ul	100
61) Fluorene	15.786	166	1223274	35.983	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.769	204	609332	35.564	ng/ul	98
63) 4-Nitroaniline	15.816	138	308348	52.958	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.881	198	175985	26.608	ng/ul	95
67) N-Nitrosodiphenylamine	15.986	169	1052851	36.253	ng/ul	99
68) 4-Bromophenyl-phenylether	16.669	248	406249	37.095	ng/ul	98
69) Hexachlorobenzene	16.792	284	483375	37.418	ng/ul	96
70) Atrazine	16.939	200	106827	9.212	ng/ul	98
71) Pentachlorophenol	17.139	266	255028	34.928	ng/ul	99
72) Phenanthrene	17.533	178	2046920	37.261	ng/ul	100
74) Anthracene	17.628	178	2009442	36.051	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.539	216	531848	37.645	ng/ul	99
76) Pentachlorobenzene	15.051	250	531727	35.947	ng/ul	96
77) Carbazole	17.898	167	1882508	37.509	ng/ul	99
78) Di-n-butylphthalate	18.422	149	2382934	37.422	ng/ul	100
80) Fluoranthene	19.486	202	2423743	42.549	ng/ul	98
82) Pyrene	19.845	202	2486747	42.196	ng/ul	96
83) Butylbenzylphthalate	20.692	149	1145609	43.981	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.480	252	708585	34.327	ng/ul	99
85) Benzo(a)anthracene	21.557	228	2283700	37.388	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.445	149	1656591	43.028	ng/ul	99
87) Chrysene	21.610	228	2103529	36.434	ng/ul	98
89) Di-n-octyl phthalate	22.415	149	2913994	49.001	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	2151032	36.828	ng/ul	99
91) Benzo(k)fluoranthene	23.392	252	2109135	37.356	ng/ul	98
93) Benzo(a)pyrene	24.015	252	1871503	36.752	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.833	276	2439632	37.019	ng/ul	99
95) Dibenzo(a,h)anthracene	26.845	278	2029889	37.807	ng/ul	99
96) Benzo(g,h,i)perylene	27.668	276	1980380	36.464	ng/ul	98

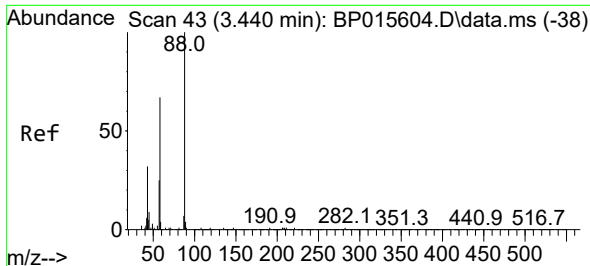
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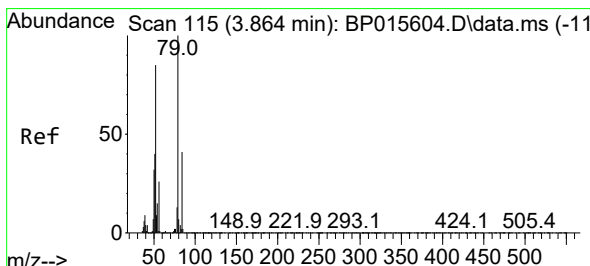
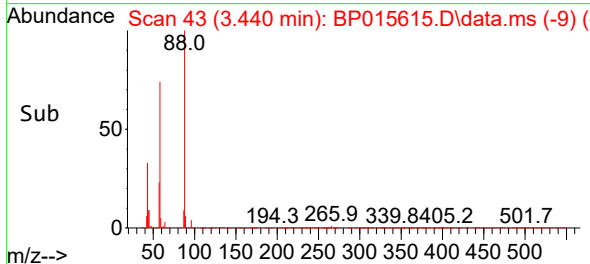
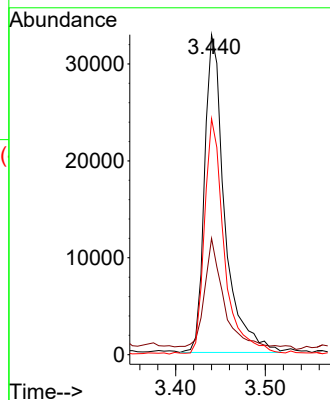
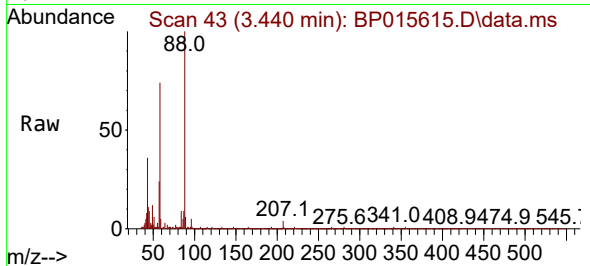




#2
1,4-Dioxane
Concen: 11.198 ng/uL
RT: 3.440 min Scan# 41
Delta R.T. -0.000 min
Lab File: BP015615.D
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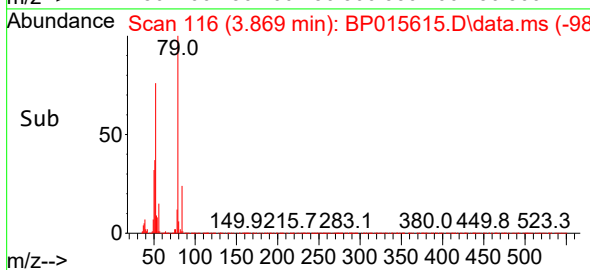
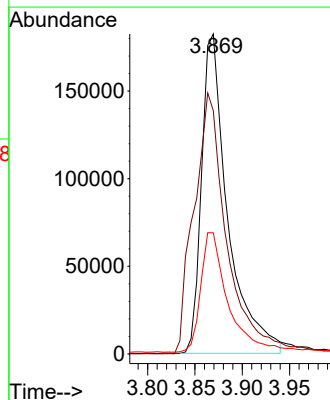
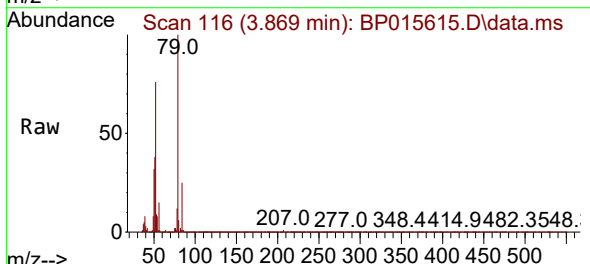
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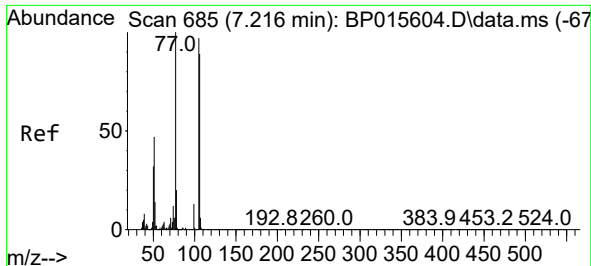
Tgt Ion: 88 Resp: 51149
Ion Ratio Lower Upper
88 100
43 36.4 23.9 35.9#
58 73.7 51.4 77.2



#5
Pyridine
Concen: 30.151 ng/uL
RT: 3.869 min Scan# 116
Delta R.T. 0.006 min
Lab File: BP015615.D
Acq: 19 Jun 2023 21:44

Tgt Ion: 79 Resp: 351094
Ion Ratio Lower Upper
79 100
52 76.0 59.5 89.3
51 37.9 29.8 44.6

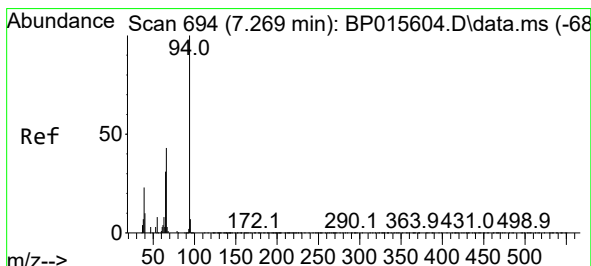
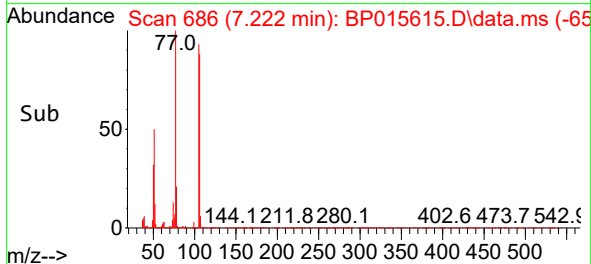
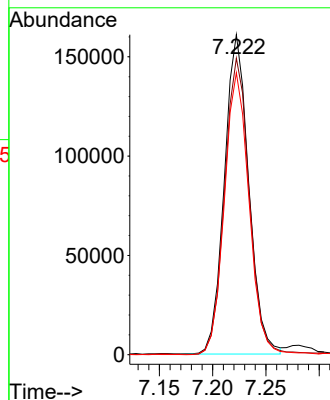
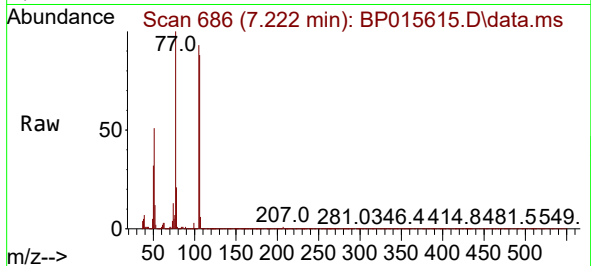




#6
Benzaldehyde
Concen: 45.484 ng/ul
RT: 7.222 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP015615.D
Acq: 19 Jun 2023 21:44

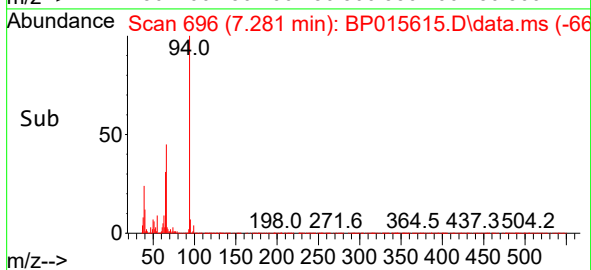
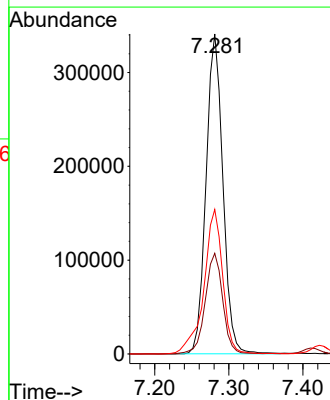
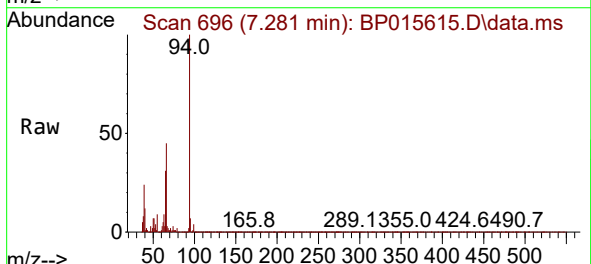
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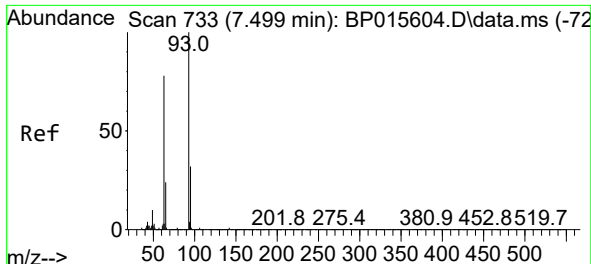
Tgt Ion: 77 Resp: 256467
Ion Ratio Lower Upper
77 100
105 92.7 77.3 115.9
106 88.1 73.3 109.9



#8
Phenol
Concen: 35.335 ng/ul
RT: 7.281 min Scan# 696
Delta R.T. 0.012 min
Lab File: BP015615.D
Acq: 19 Jun 2023 21:44

Tgt Ion: 94 Resp: 537761
Ion Ratio Lower Upper
94 100
65 31.5 23.5 35.3
66 45.1 34.2 51.4

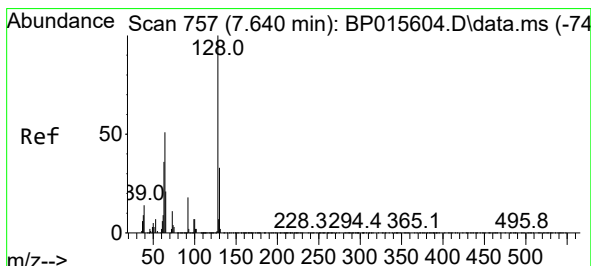
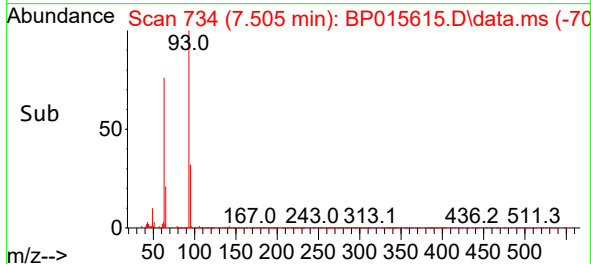
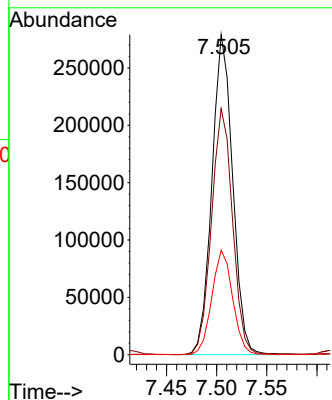
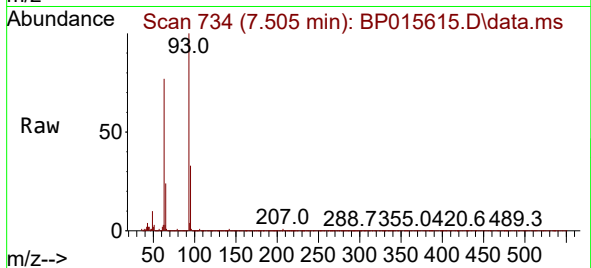




#10
Bis(2-Chloroethyl)ether
Concen: 33.386 ng/ul
RT: 7.505 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP015615.D
Acq: 19 Jun 2023 21:44

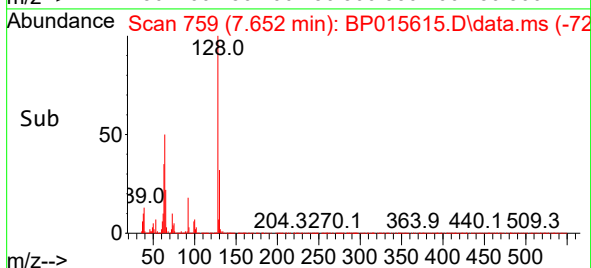
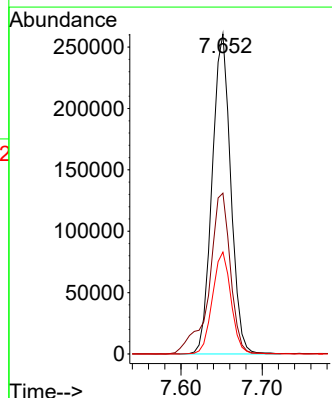
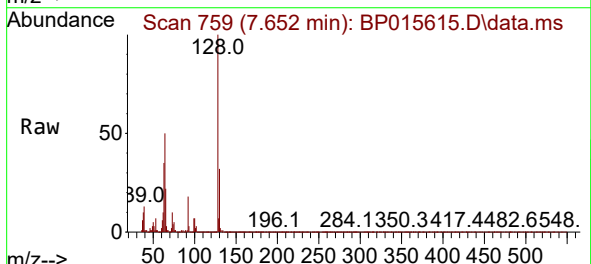
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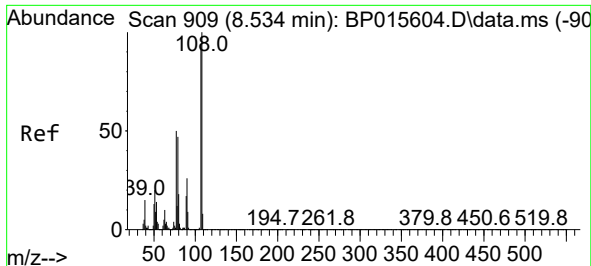
Tgt Ion: 93 Resp: 401735
Ion Ratio Lower Upper
93 100
63 76.9 62.6 93.8
95 32.6 25.5 38.3



#12
2-Chlorophenol
Concen: 36.578 ng/ul
RT: 7.652 min Scan# 759
Delta R.T. 0.006 min
Lab File: BP015615.D
Acq: 19 Jun 2023 21:44

Tgt Ion:128 Resp: 413344
Ion Ratio Lower Upper
128 100
64 50.2 40.2 60.4
130 31.9 24.5 36.7





#13

2-Methylphenol

Concen: 34.535 ng/ul

RT: 8.546 min Scan# 911

Delta R.T. 0.012 min

Lab File: BP015615.D

Acq: 19 Jun 2023 21:44

Instrument :

BNA_P

ClientSampleId :

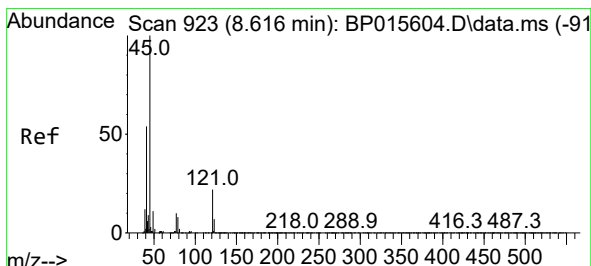
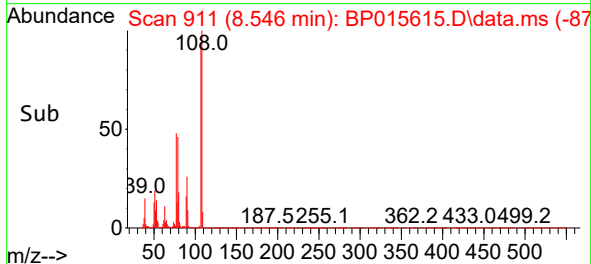
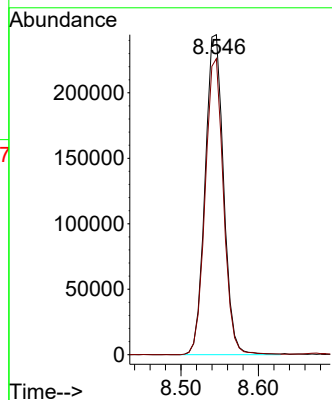
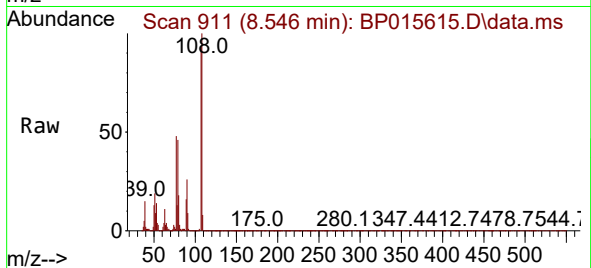
SLCS339

Tgt Ion:108 Resp: 404391

Ion Ratio Lower Upper

108 100

107 92.5 71.2 106.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 33.296 ng/ul

RT: 8.622 min Scan# 924

Delta R.T. 0.006 min

Lab File: BP015615.D

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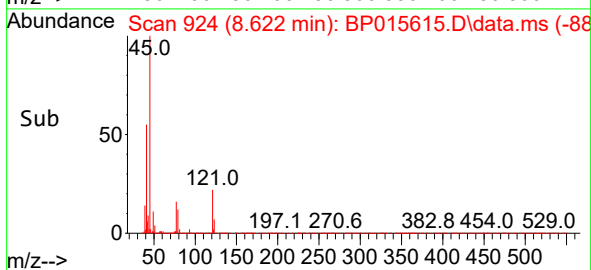
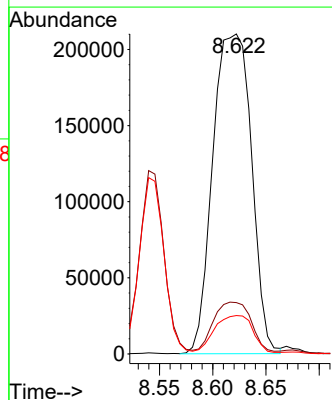
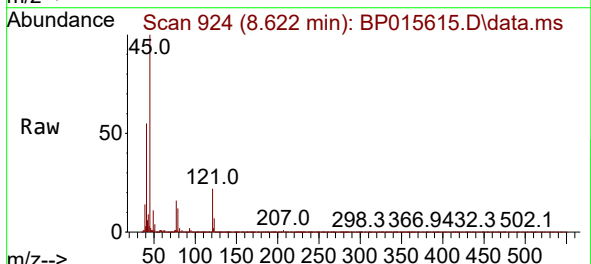
Tgt Ion: 45 Resp: 530930

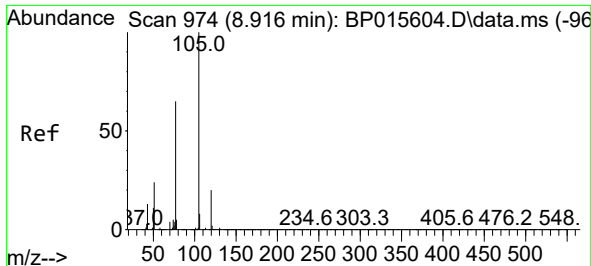
Ion Ratio Lower Upper

45 100

77 16.0 11.8 17.8

79 12.0 8.7 13.1

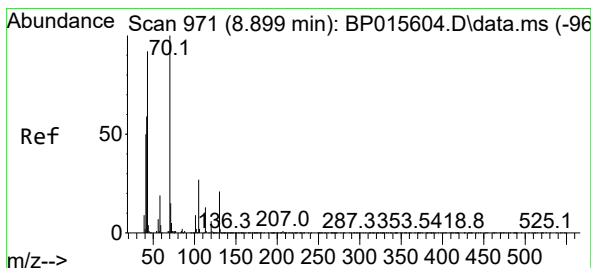
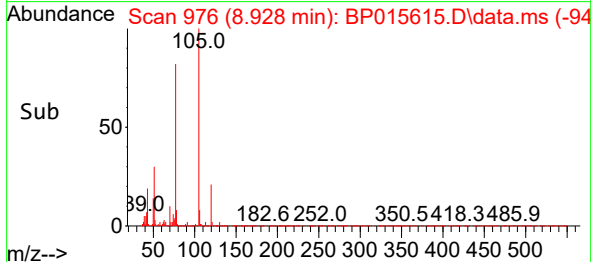
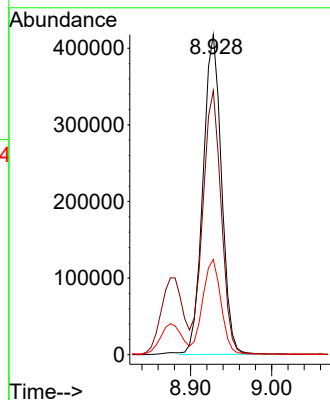
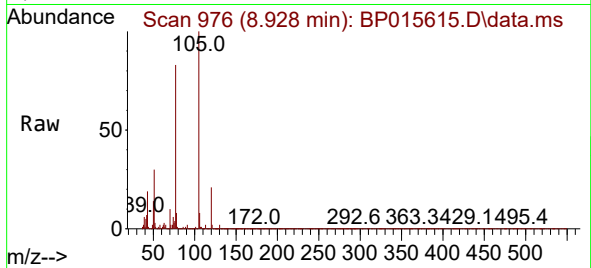




#16
Acetophenone
Concen: 34.129 ng/ul
RT: 8.928 min Scan# 91
Delta R.T. 0.006 min
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Acq: 19 Jun 2023 21:44

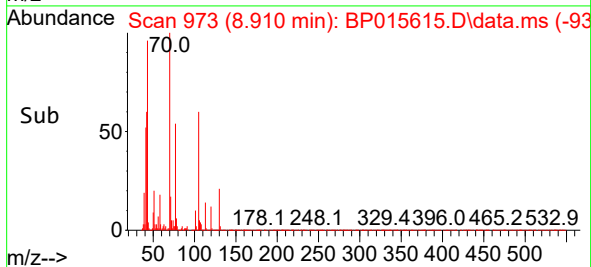
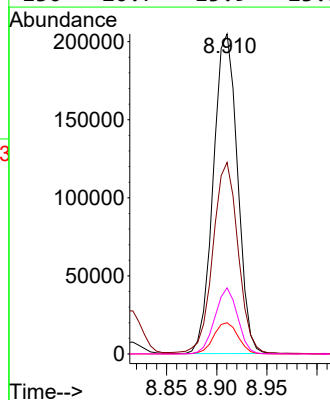
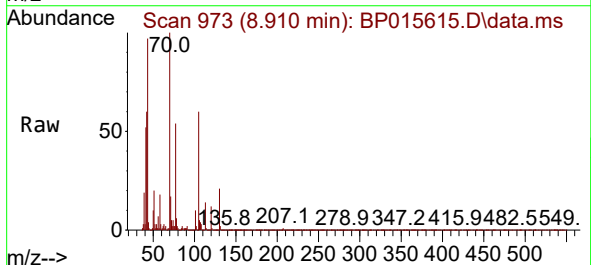
Instrument :
BNA_P
ClientSampleId :
SLCS339

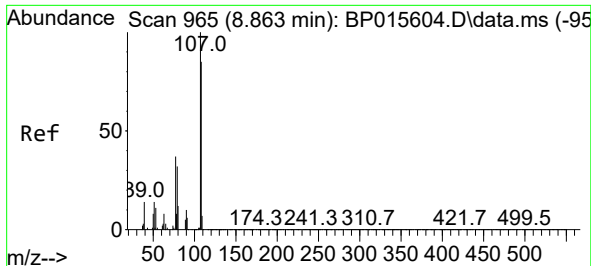
Tgt Ion:105 Resp: 659431
Ion Ratio Lower Upper
105 100
77 82.5 64.9 97.3
51 29.8 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 32.941 ng/ul
RT: 8.910 min Scan# 973
Delta R.T. 0.006 min
Lab File: BP015615.D
Acq: 19 Jun 2023 21:44

Tgt Ion: 70 Resp: 343516
Ion Ratio Lower Upper
70 100
42 59.9 46.6 69.8
101 9.8 7.8 11.6
130 20.7 15.9 23.9

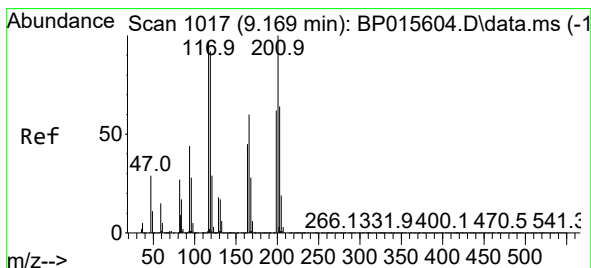
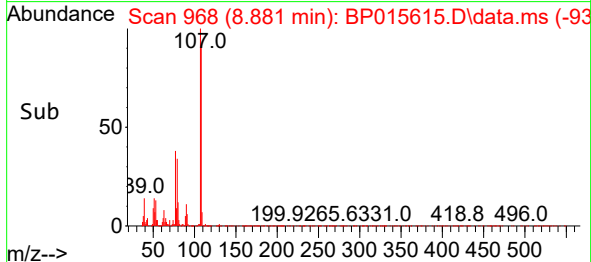
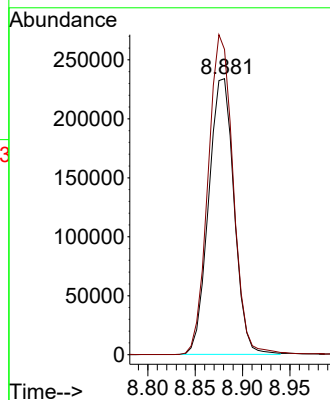
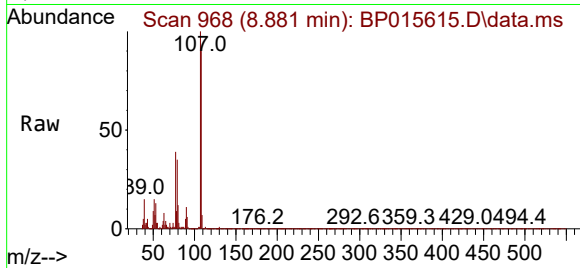




#18
4-Methylphenol
Concen: 33.983 ng/ul
RT: 8.881 min Scan# 90
Delta R.T. 0.017 min
Lab File: BP015615.D
Acq: 19 Jun 2023 21:44

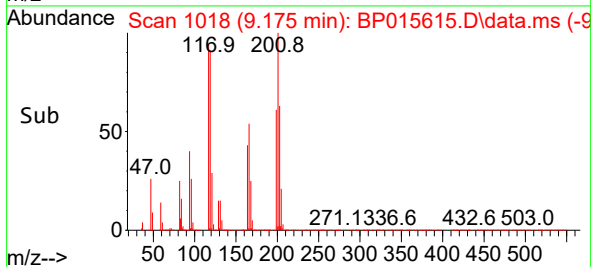
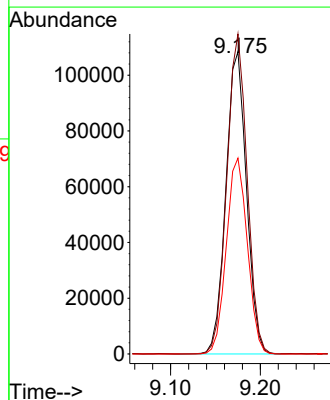
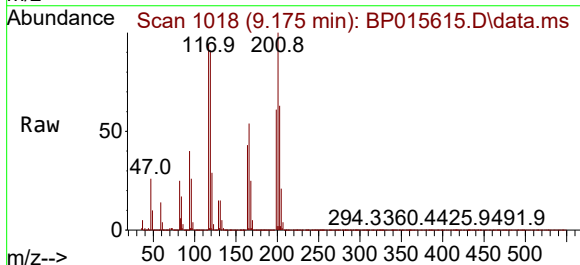
Instrument :
BNA_P
ClientSampleId :
SLCS339

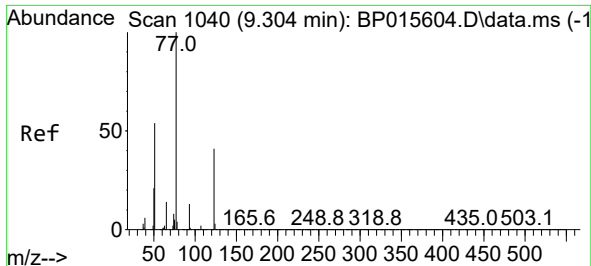
Tgt Ion:108 Resp: 437824
Ion Ratio Lower Upper
108 100
107 110.6 89.3 133.9



#19
Hexachloroethane
Concen: 36.222 ng/ul
RT: 9.175 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BP015615.D
Acq: 19 Jun 2023 21:44

Tgt Ion:117 Resp: 172969
Ion Ratio Lower Upper
117 100
201 105.9 82.8 124.2
199 64.8 50.6 76.0

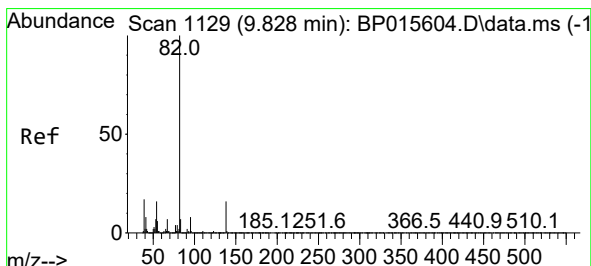
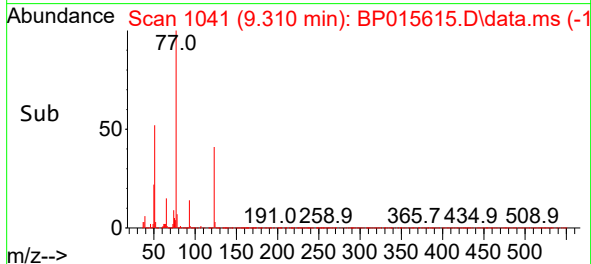
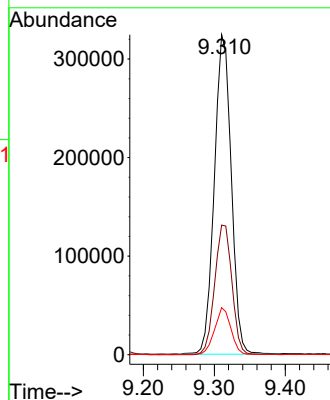
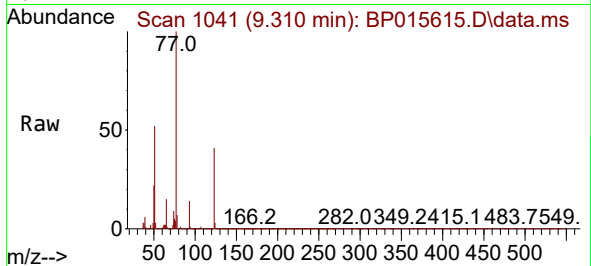




#22
Nitrobenzene
Concen: 37.089 ng/ul
RT: 9.310 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BP015615.D
Acq: 19 Jun 2023 21:44

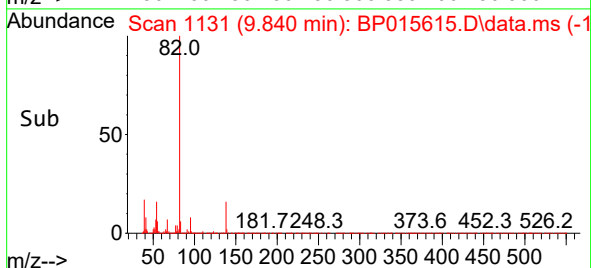
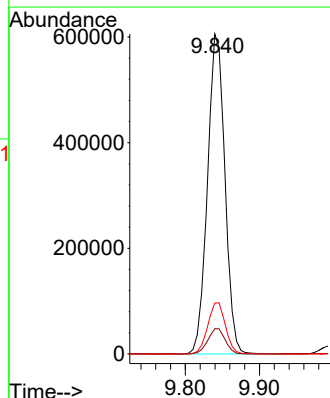
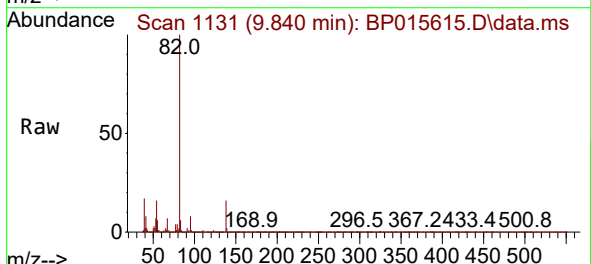
Instrument :
BNA_P
ClientSampleId :
SLCS339

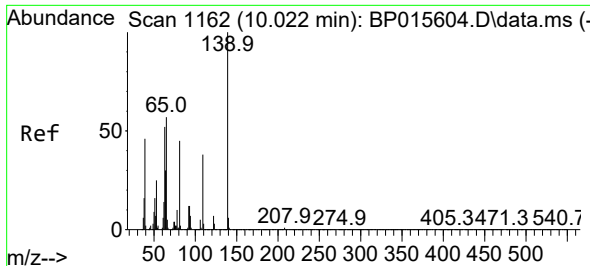
Tgt Ion: 77 Resp: 537008
Ion Ratio Lower Upper
77 100
123 40.5 33.5 50.3
65 14.7 11.6 17.4



#23
Isophorone
Concen: 34.130 ng/ul
RT: 9.840 min Scan# 1131
Delta R.T. 0.006 min
Lab File: BP015615.D
Acq: 19 Jun 2023 21:44

Tgt Ion: 82 Resp: 989229
Ion Ratio Lower Upper
82 100
95 7.9 5.8 8.8
138 15.9 13.1 19.7

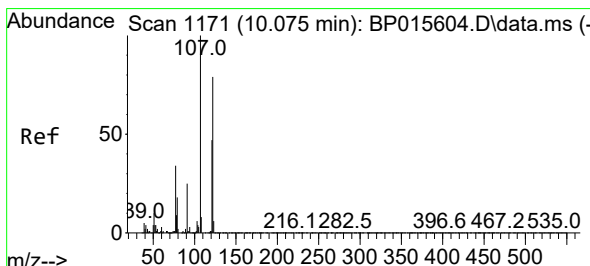
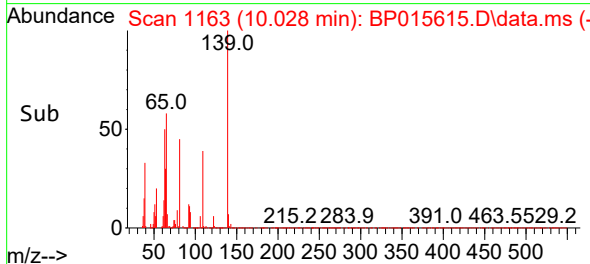
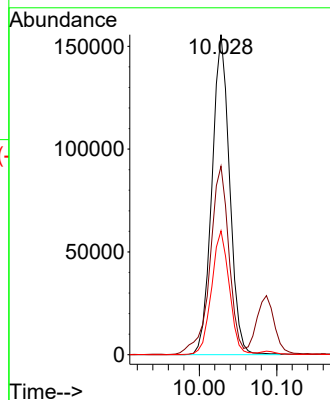
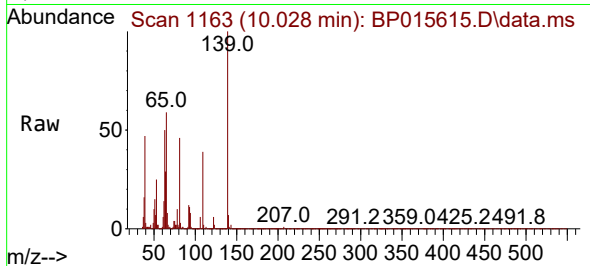




#25
2-Nitrophenol
Concen: 36.690 ng/ul
RT: 10.028 min Scan# 1162
Delta R.T. 0.006 min
Lab File: BP015615.D
Acq: 19 Jun 2023 21:44

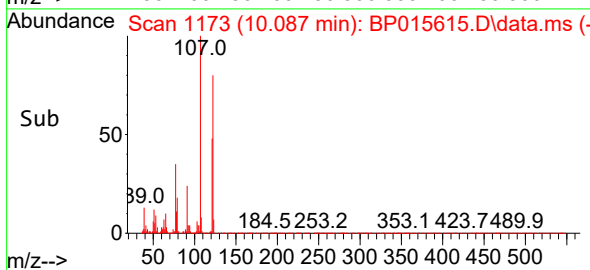
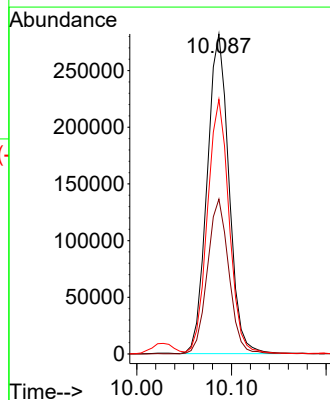
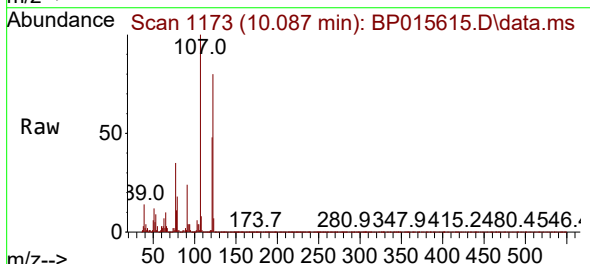
Instrument :
BNA_P
ClientSampleId :
SLCS339

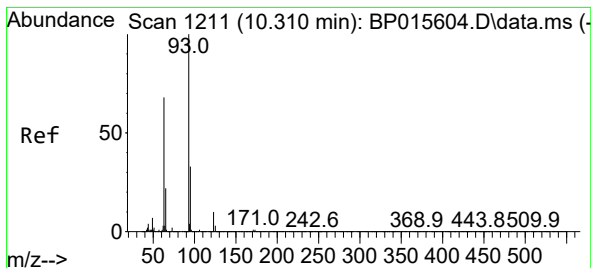
Tgt Ion:139 Resp: 246991
Ion Ratio Lower Upper
139 100
65 58.9 46.9 70.3
109 38.7 30.2 45.2



#26
2,4-Dimethylphenol
Concen: 31.580 ng/ul
RT: 10.087 min Scan# 1173
Delta R.T. 0.012 min
Lab File: BP015615.D
Acq: 19 Jun 2023 21:44

Tgt Ion:107 Resp: 450835
Ion Ratio Lower Upper
107 100
121 48.4 39.0 58.6
122 79.6 64.8 97.2





#27

Bis(2-Chloroethoxy)methane

Concen: 32.896 ng/ul

RT: 10.316 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP015615.D

Acq: 19 Jun 2023 21:44

Instrument :

BNA_P

ClientSampleId :

SLCS339

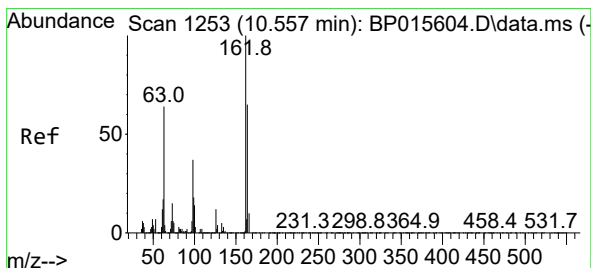
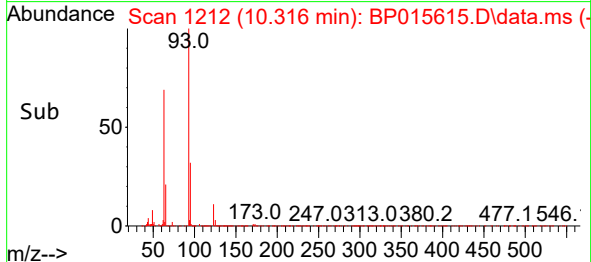
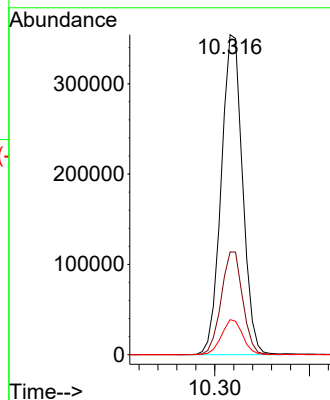
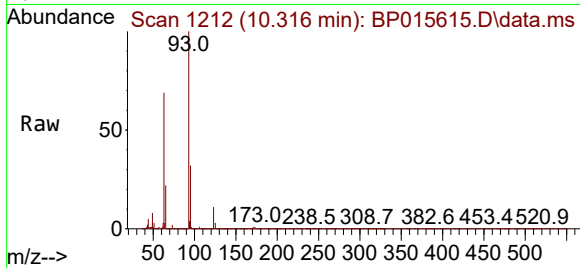
Tgt Ion: 93 Resp: 554320

Ion Ratio Lower Upper

93 100

95 32.1 25.7 38.5

123 11.0 8.6 13.0



#29

2,4-Dichlorophenol

Concen: 36.781 ng/ul

RT: 10.569 min Scan# 1255

Delta R.T. 0.012 min

Lab File: BP015615.D

Acq: 19 Jun 2023 21:44

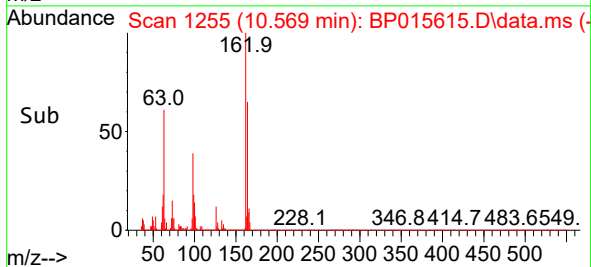
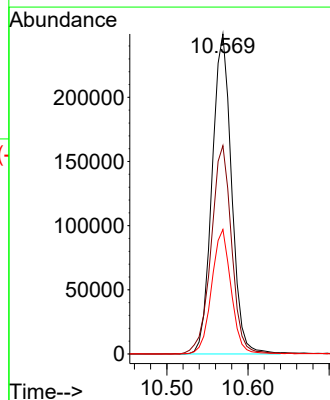
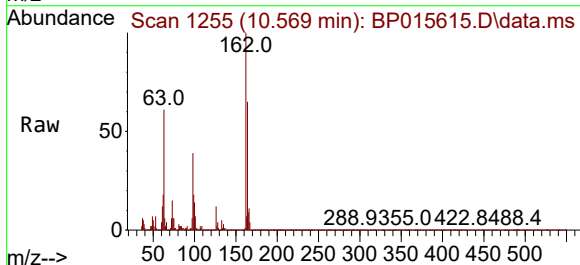
Tgt Ion:162 Resp: 415935

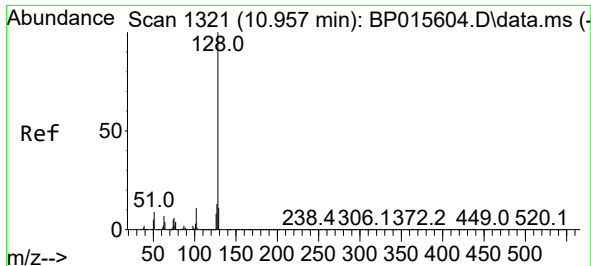
Ion Ratio Lower Upper

162 100

164 65.1 50.6 76.0

98 38.9 30.2 45.2

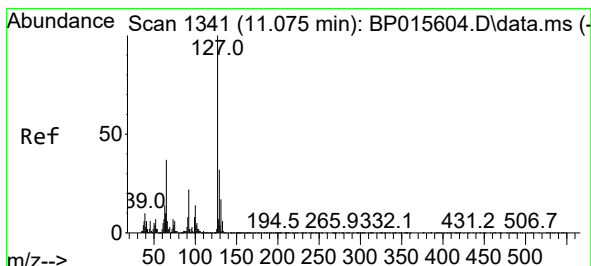
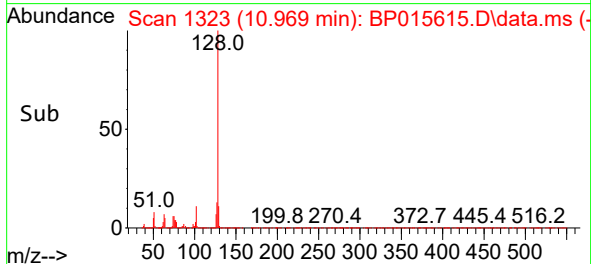
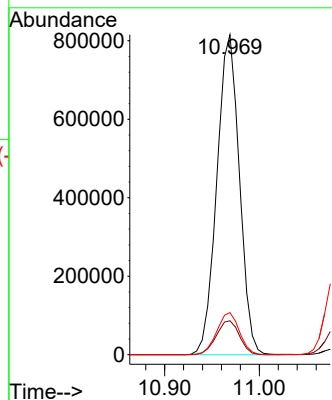
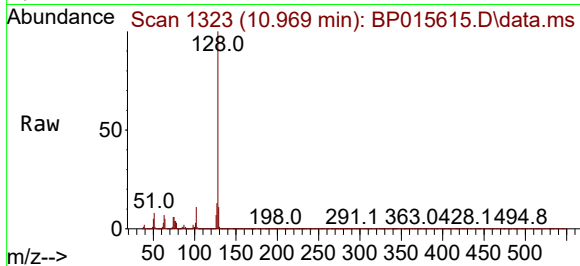




#30
Naphthalene
Concen: 35.825 ng/ul
RT: 10.969 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BP015615.D
Acq: 19 Jun 2023 21:44

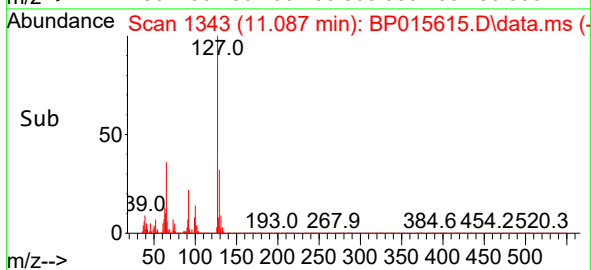
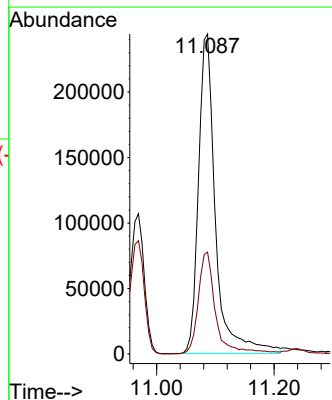
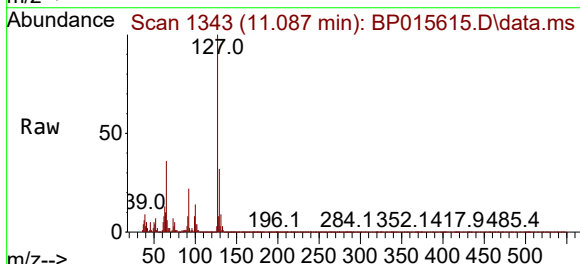
Instrument :
BNA_P
ClientSampleId :
SLCS339

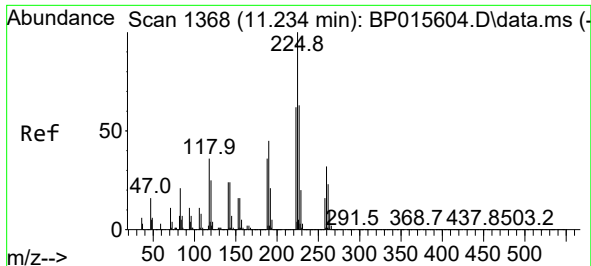
Tgt Ion:128 Resp: 1349995
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 13.1 10.5 15.7



#32
4-Chloroaniline
Concen: 29.084 ng/ul
RT: 11.087 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BP015615.D
Acq: 19 Jun 2023 21:44

Tgt Ion:127 Resp: 491298
Ion Ratio Lower Upper
127 100
129 31.9 26.1 39.1

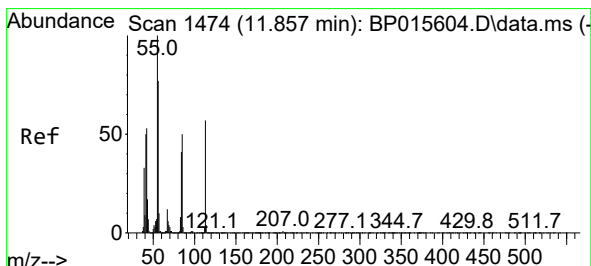
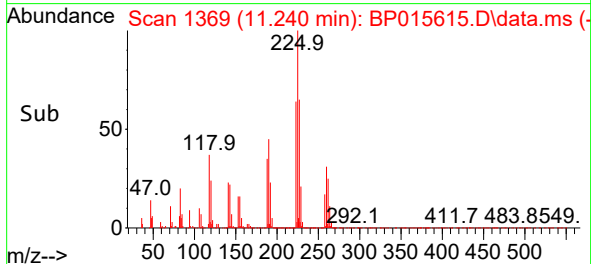
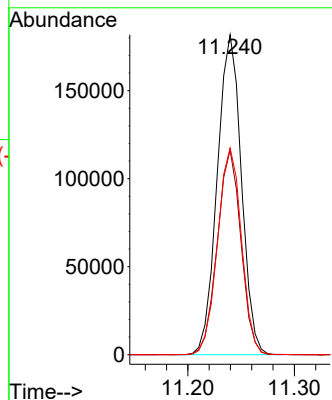
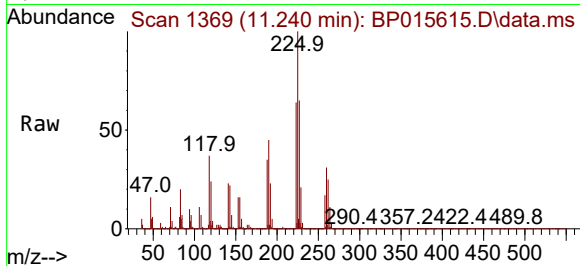




#33
Hexachlorobutadiene
Concen: 37.477 ng/ul
RT: 11.240 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP015615.D
Acq: 19 Jun 2023 21:44

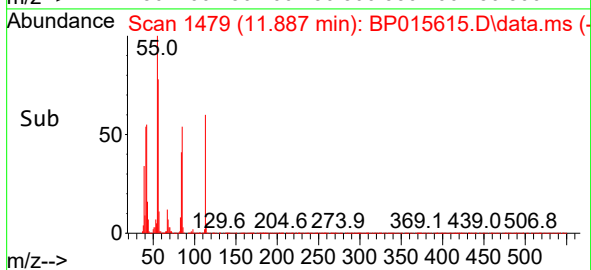
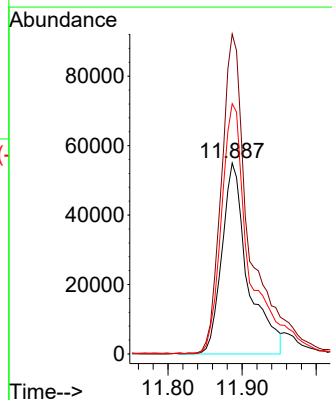
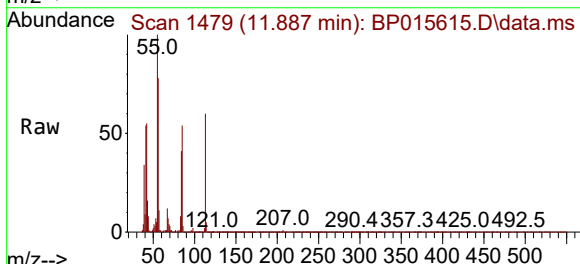
Instrument :
BNA_P
ClientSampleId :
SLCS339

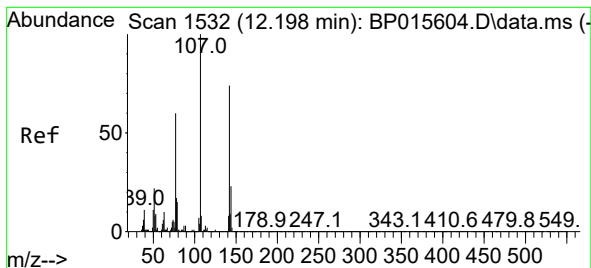
Tgt Ion:225 Resp: 285815
Ion Ratio Lower Upper
225 100
223 63.9 52.0 78.0
227 64.6 50.6 75.8



#34
Caprolactam
Concen: 31.353 ng/ul
RT: 11.887 min Scan# 1479
Delta R.T. 0.023 min
Lab File: BP015615.D
Acq: 19 Jun 2023 21:44

Tgt Ion:113 Resp: 133469
Ion Ratio Lower Upper
113 100
55 167.6 127.9 191.9
56 131.0 101.1 151.7

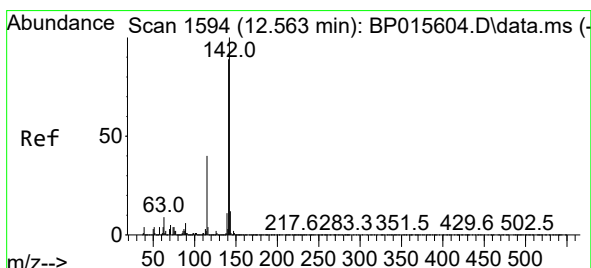
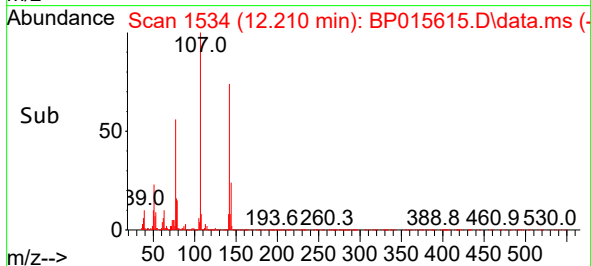
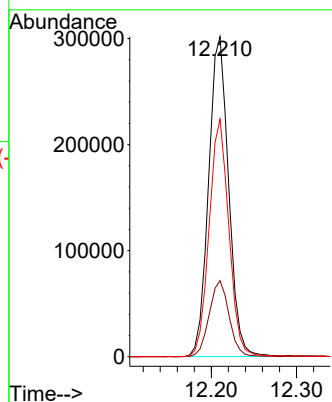
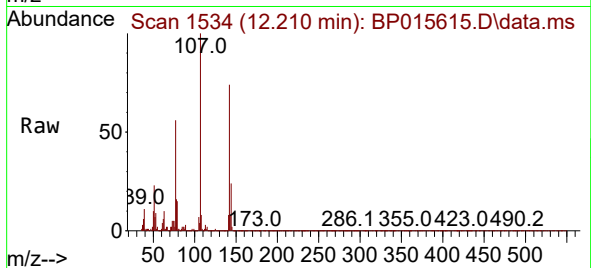




#35
4-Chloro-3-methylphenol
Concen: 35.890 ng/ul
RT: 12.210 min Scan# 1534
Delta R.T. 0.017 min
Lab File: BP015615.D
Acq: 19 Jun 2023 21:44

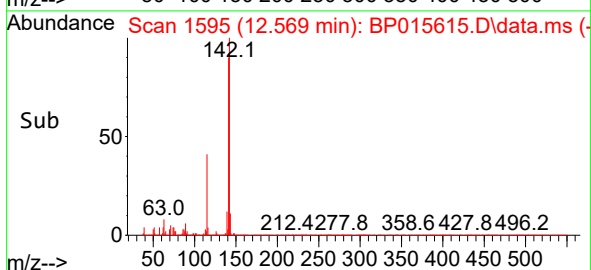
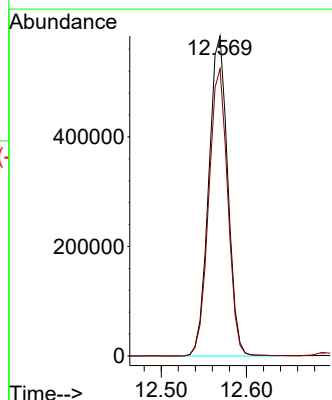
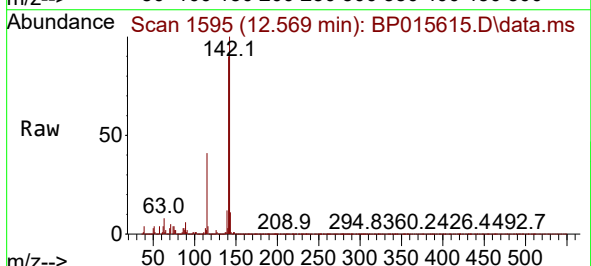
Instrument :
BNA_P
ClientSampleId :
SLCS339

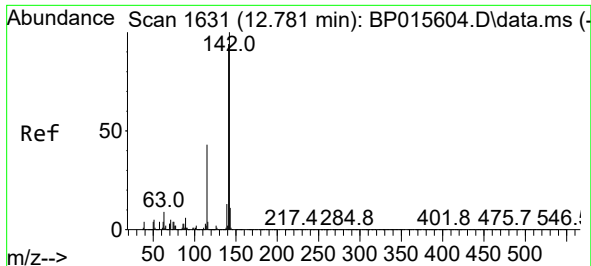
Tgt Ion:107 Resp: 491740
Ion Ratio Lower Upper
107 100
144 23.8 19.4 29.0
142 74.2 60.4 90.6



#36
2-Methylnaphthalene
Concen: 34.193 ng/ul
RT: 12.569 min Scan# 1595
Delta R.T. 0.006 min
Lab File: BP015615.D
Acq: 19 Jun 2023 21:44

Tgt Ion:142 Resp: 905824
Ion Ratio Lower Upper
142 100
141 89.8 72.0 108.0





#37

1-Methylnaphthalene

Concen: 33.984 ng/ul

RT: 12.787 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP015615.D

Acq: 19 Jun 2023 21:44

Instrument :

BNA_P

ClientSampleId :

SLCS339

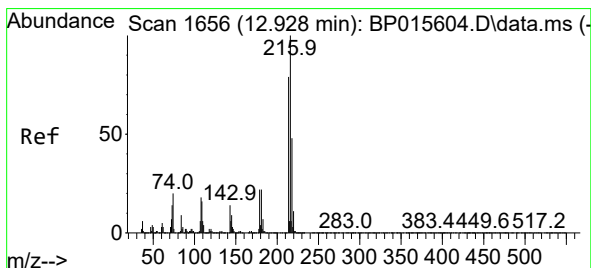
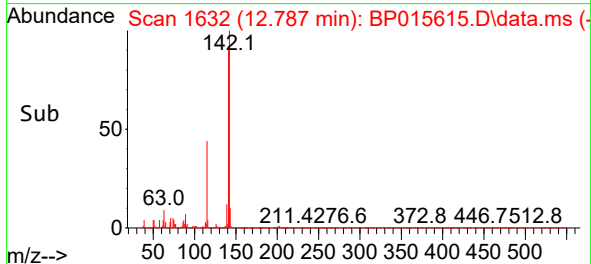
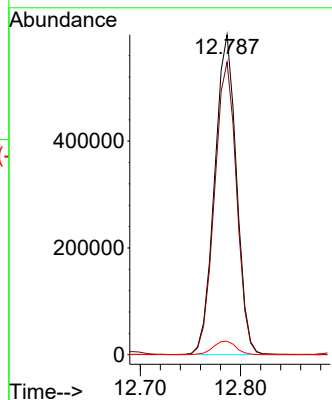
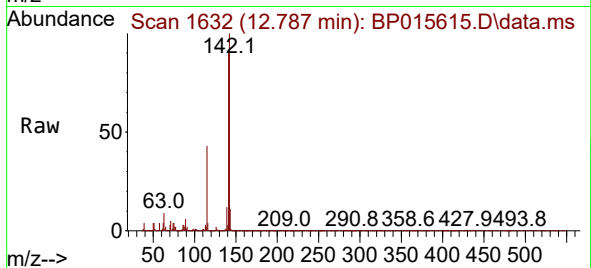
Tgt Ion:142 Resp: 906456

Ion Ratio Lower Upper

142 100

141 91.4 71.9 107.9

116 4.2 3.4 5.2



#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.569 ng/ul

RT: 12.934 min Scan# 1657

Delta R.T. 0.006 min

Lab File: BP015615.D

Acq: 19 Jun 2023 21:44

Tgt Ion:216 Resp: 521501

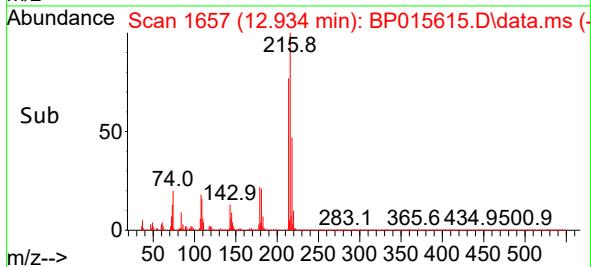
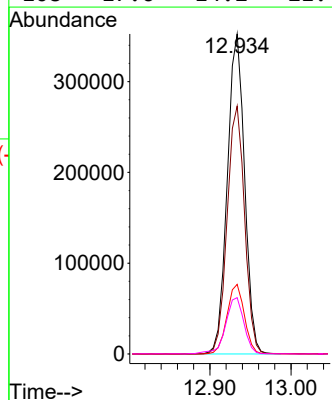
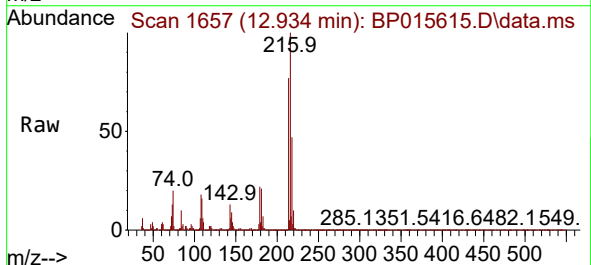
Ion Ratio Lower Upper

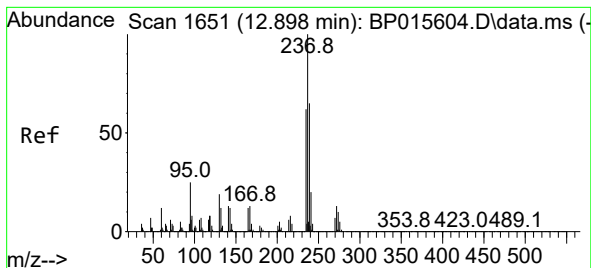
216 100

214 77.4 62.2 93.2

179 21.7 17.4 26.2

108 17.6 14.2 21.4





#40

Hexachlorocyclopentadiene

Concen: 17.524 ng/ul

RT: 12.898 min Scan# 1651

Delta R.T. -0.000 min

Lab File: BP015615.D

Acq: 19 Jun 2023 21:44

Instrument :

BNA_P

ClientSampleId :

SLCS339

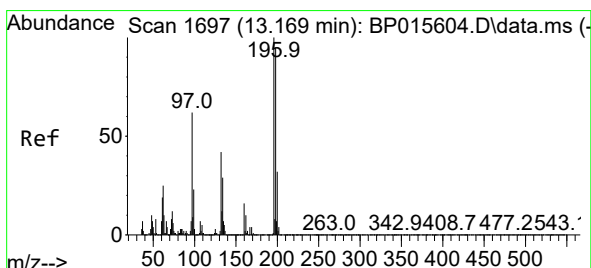
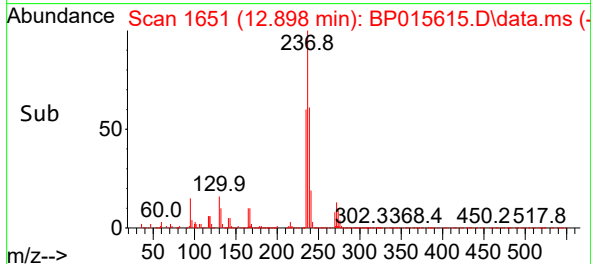
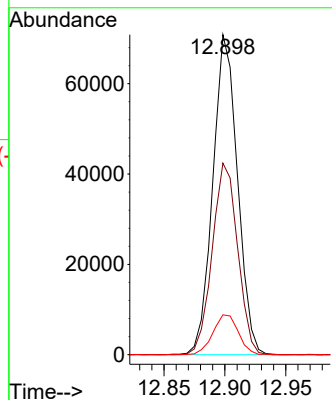
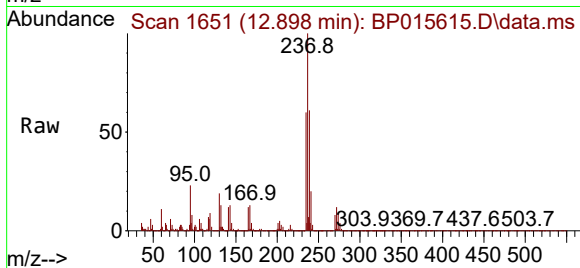
Tgt Ion:237 Resp: 99710

Ion Ratio Lower Upper

237 100

235 59.8 48.2 72.2

272 12.5 10.3 15.5



#41

2,4,6-Trichlorophenol

Concen: 35.920 ng/ul

RT: 13.175 min Scan# 1698

Delta R.T. 0.006 min

Lab File: BP015615.D

Acq: 19 Jun 2023 21:44

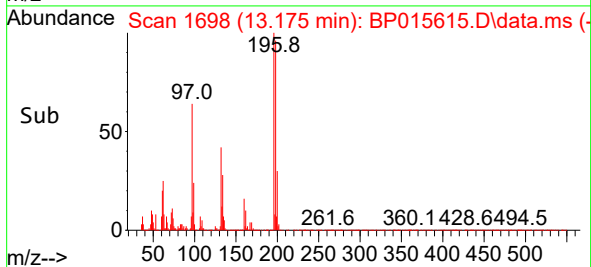
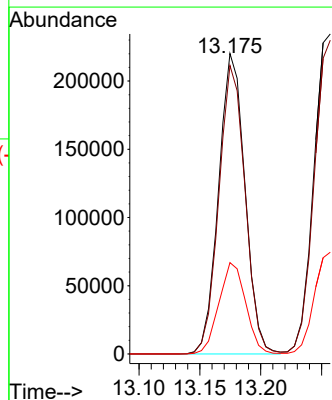
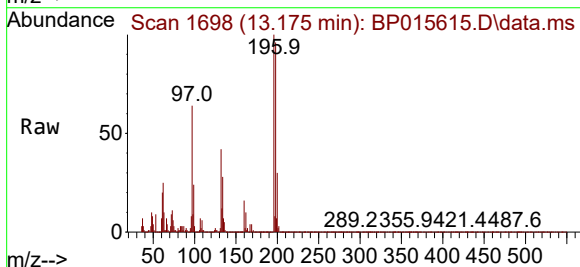
Tgt Ion:196 Resp: 331856

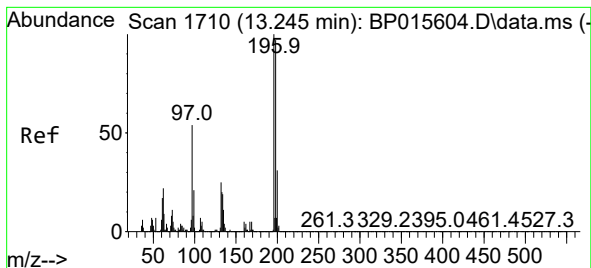
Ion Ratio Lower Upper

196 100

198 96.0 77.8 116.6

200 30.4 25.8 38.6





#42

2,4,5-Trichlorophenol

Concen: 37.029 ng/ul

RT: 13.257 min Scan# 1712

Delta R.T. 0.012 min

Lab File: BP015615.D

Acq: 19 Jun 2023 21:44

Instrument :

BNA_P

ClientSampleId :

SLCS339

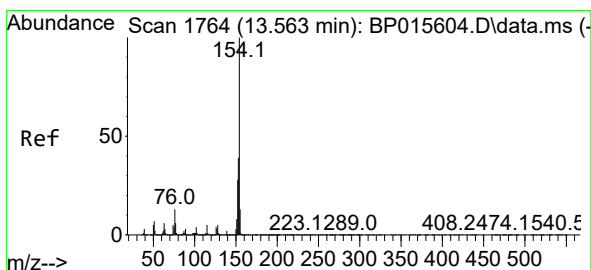
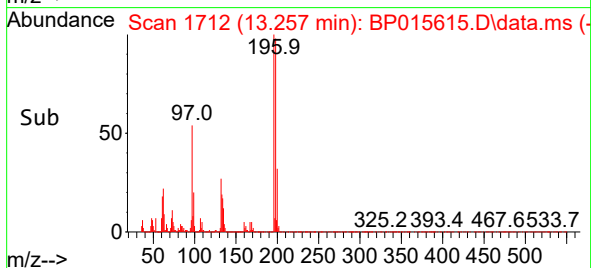
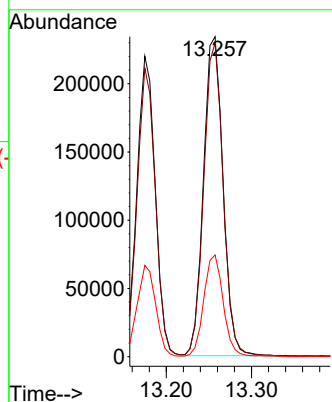
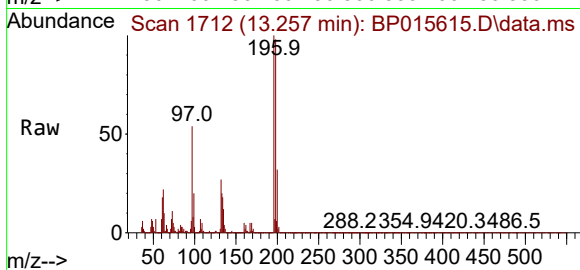
Tgt Ion:196 Resp: 372789

Ion Ratio Lower Upper

196 100

198 98.1 75.5 113.3

200 31.8 24.7 37.1



#43

1,1'-Biphenyl

Concen: 35.554 ng/ul

RT: 13.569 min Scan# 1765

Delta R.T. 0.006 min

Lab File: BP015615.D

Acq: 19 Jun 2023 21:44

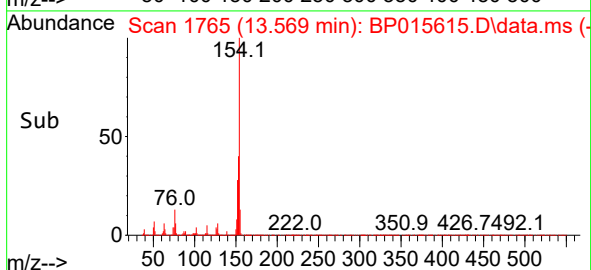
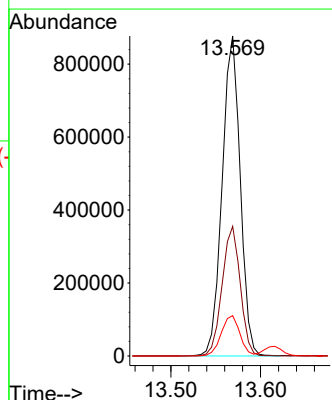
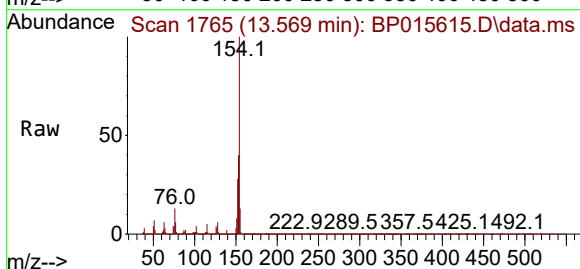
Tgt Ion:154 Resp: 1225663

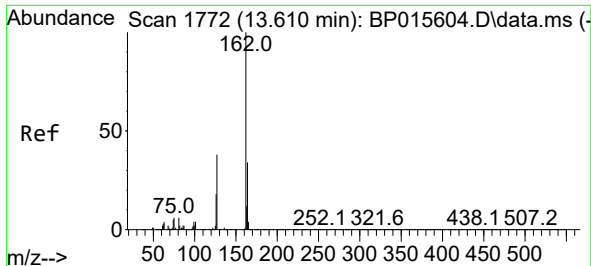
Ion Ratio Lower Upper

154 100

153 40.5 32.2 48.2

76 12.6 10.4 15.6

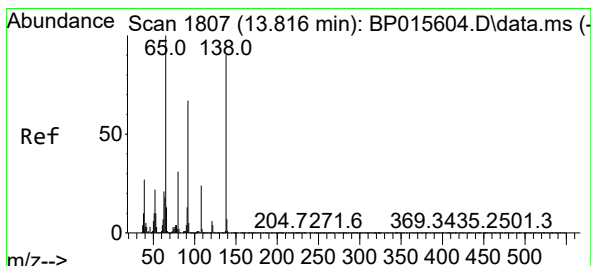
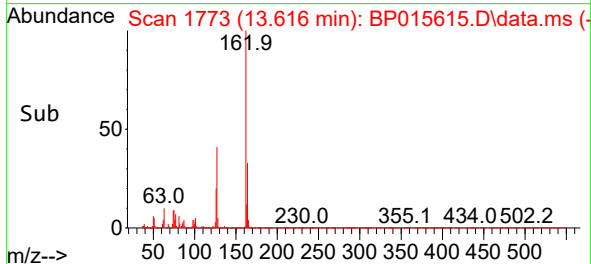
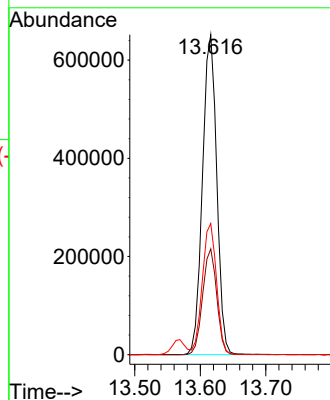
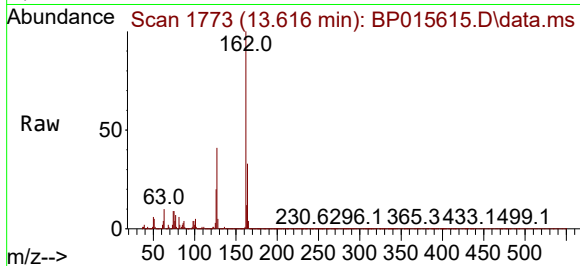




#44
2-Chloronaphthalene
Concen: 36.507 ng/ul
RT: 13.616 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP015615.D
Acq: 19 Jun 2023 21:44

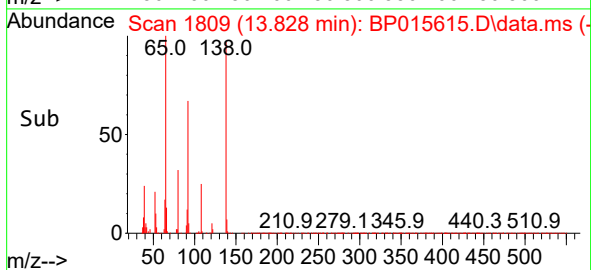
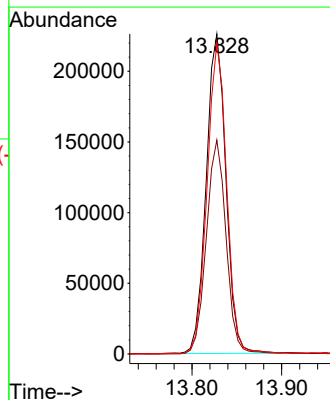
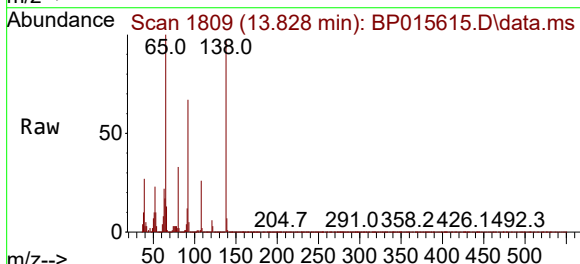
Instrument :
BNA_P
ClientSampleId :
SLCS339

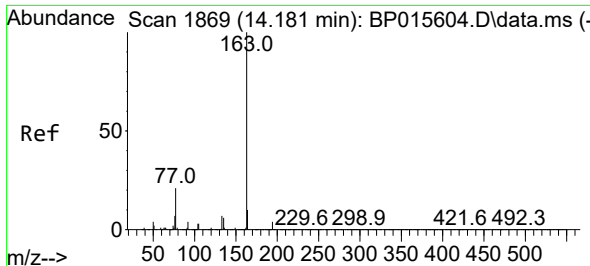
Tgt Ion:162 Resp: 987418
Ion Ratio Lower Upper
162 100
164 33.0 27.0 40.6
127 41.0 32.2 48.4



#45
2-Nitroaniline
Concen: 39.843 ng/ul
RT: 13.828 min Scan# 1809
Delta R.T. 0.006 min
Lab File: BP015615.D
Acq: 19 Jun 2023 21:44

Tgt Ion: 65 Resp: 344895
Ion Ratio Lower Upper
65 100
92 66.8 55.4 83.2
138 97.2 78.8 118.2

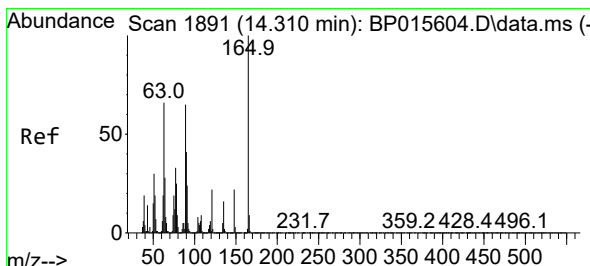
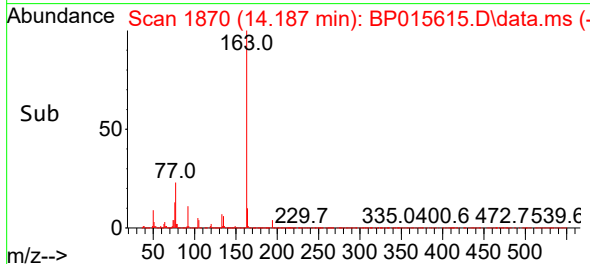
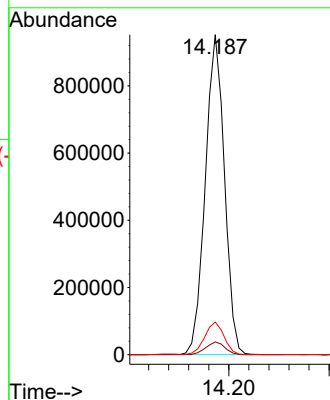
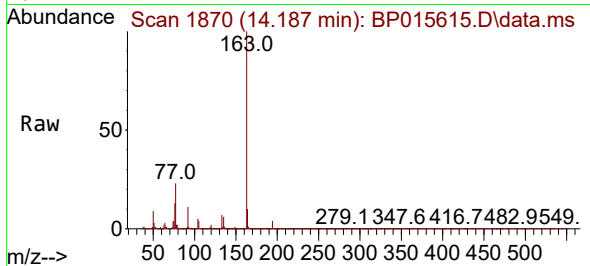




#47
Dimethylphthalate
Concen: 34.831 ng/ul
RT: 14.187 min Scan# 1869
Delta R.T. 0.006 min
Lab File: BP015615.D
Acq: 19 Jun 2023 21:44

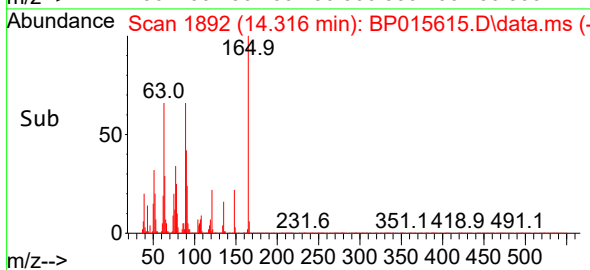
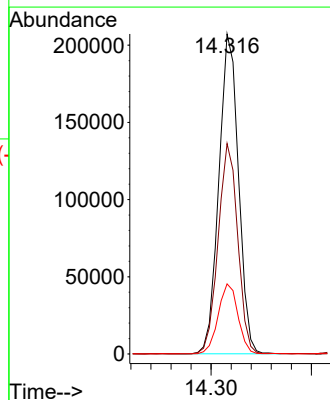
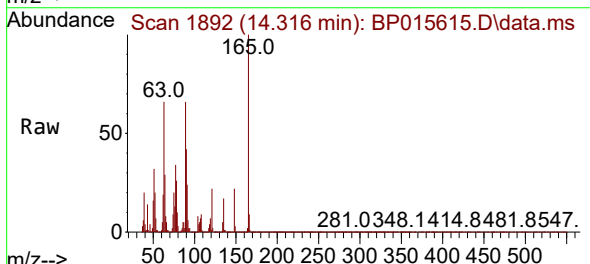
Instrument :
BNA_P
ClientSampleId :
SLCS339

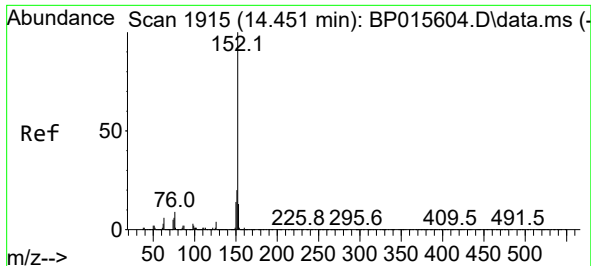
Tgt Ion:163 Resp: 1264153
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.2 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 37.788 ng/ul
RT: 14.316 min Scan# 1892
Delta R.T. 0.006 min
Lab File: BP015615.D
Acq: 19 Jun 2023 21:44

Tgt Ion:165 Resp: 280982
Ion Ratio Lower Upper
165 100
89 65.8 51.5 77.3
121 21.9 17.3 25.9

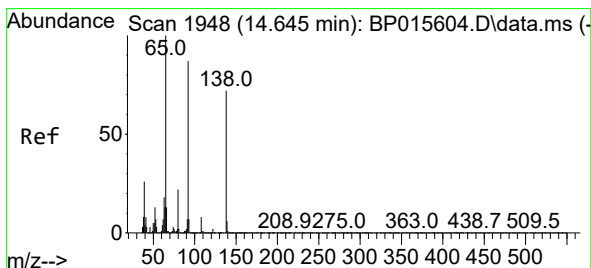
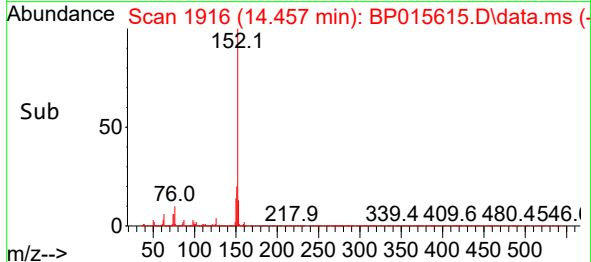
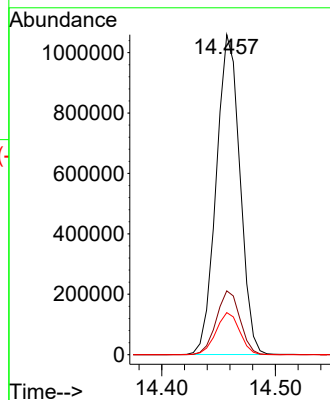
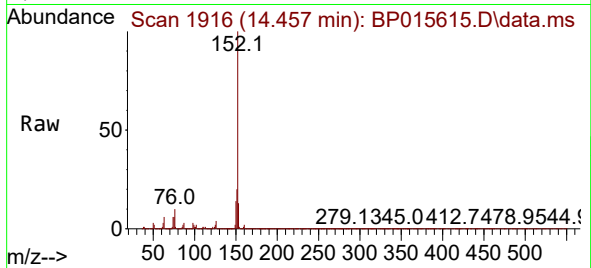




#50
Acenaphthylene
Concen: 36.062 ng/ul
RT: 14.457 min Scan# 1916
Delta R.T. 0.006 min
Lab File: BP015615.D
Acq: 19 Jun 2023 21:44

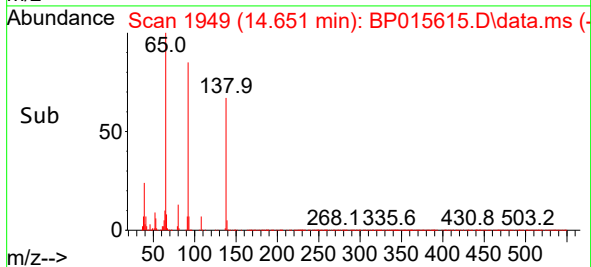
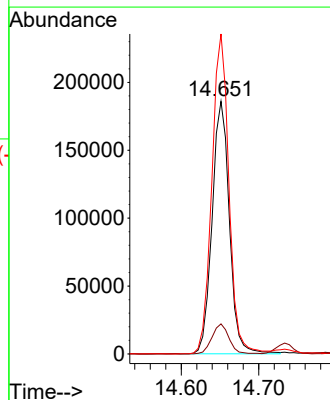
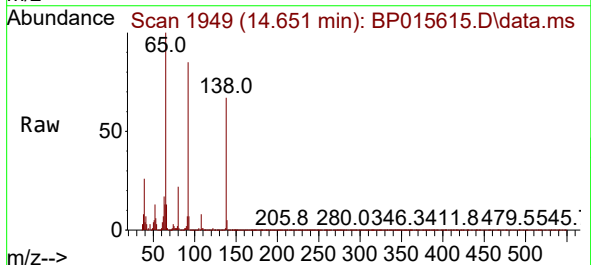
Instrument :
BNA_P
ClientSampleId :
SLCS339

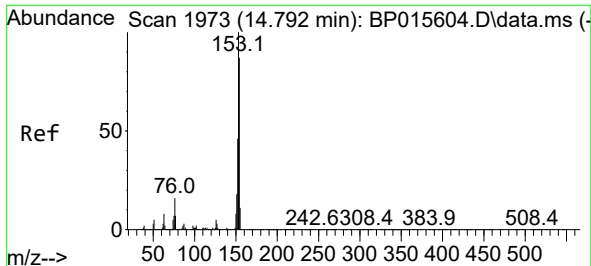
Tgt Ion:152 Resp: 1535019
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.2 10.6 15.8



#51
3-Nitroaniline
Concen: 47.072 ng/ul
RT: 14.651 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BP015615.D
Acq: 19 Jun 2023 21:44

Tgt Ion:138 Resp: 288946
Ion Ratio Lower Upper
138 100
108 11.9 8.4 12.6
92 126.7 98.0 147.0

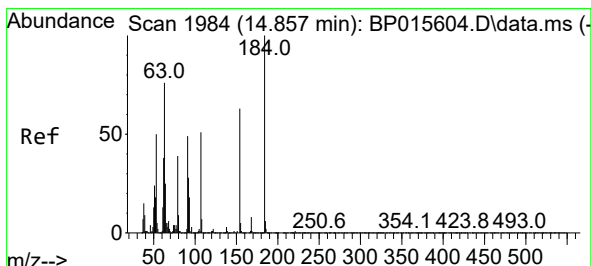
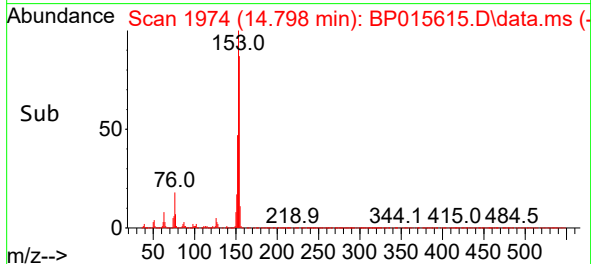
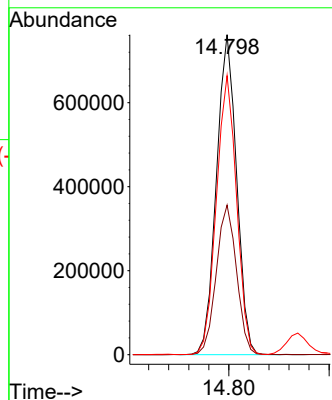
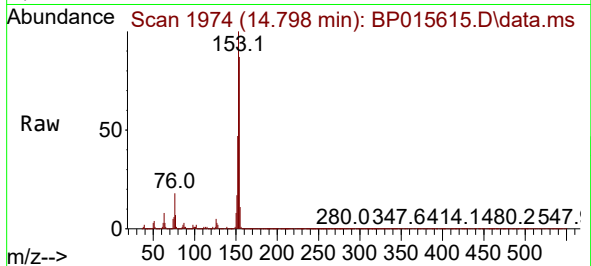




#52
Acenaphthene
Concen: 36.154 ng/ul
RT: 14.798 min Scan# 1973
Delta R.T. 0.006 min
Lab File: BP015615.D
Acq: 19 Jun 2023 21:44

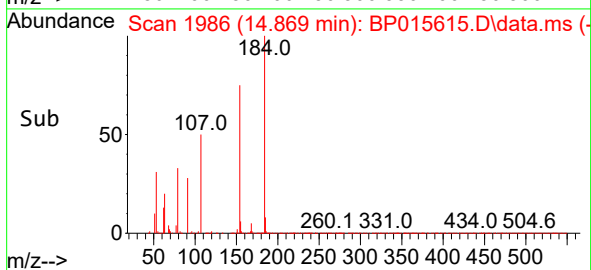
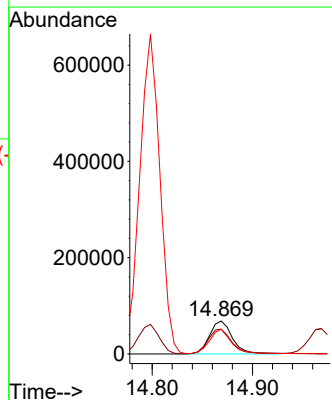
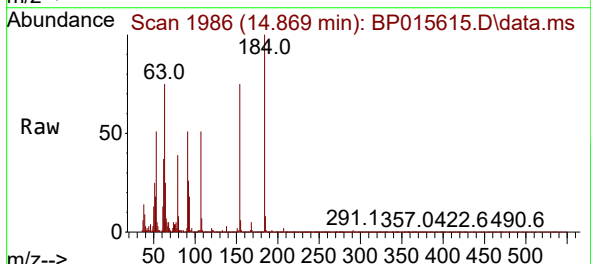
Instrument :
BNA_P
ClientSampleId :
SLCS339

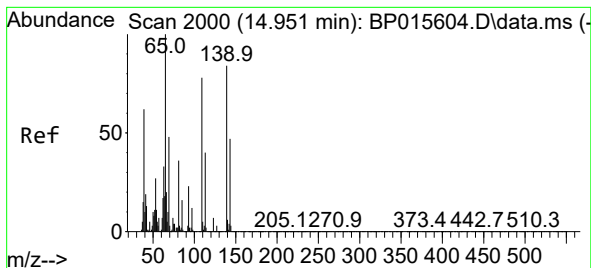
Tgt Ion:153 Resp: 1063758
Ion Ratio Lower Upper
153 100
152 46.7 38.3 57.5
154 87.2 69.8 104.6



#53
2,4-Dinitrophenol
Concen: 24.407 ng/ul
RT: 14.869 min Scan# 1986
Delta R.T. 0.012 min
Lab File: BP015615.D
Acq: 19 Jun 2023 21:44

Tgt Ion:184 Resp: 109172
Ion Ratio Lower Upper
184 100
63 75.1 59.0 88.4
154 75.0 57.6 86.4





#55

4-Nitrophenol

Concen: 37.699 ng/ul

RT: 14.969 min Scan# 2000

Delta R.T. 0.023 min

Lab File: BP015615.D

Acq: 19 Jun 2023 21:44

Instrument :

BNA_P

ClientSampleId :

SLCS339

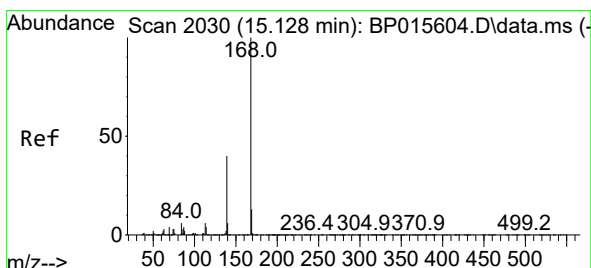
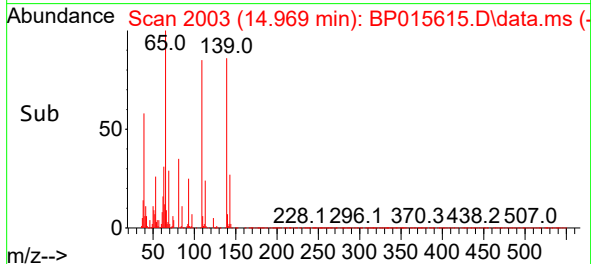
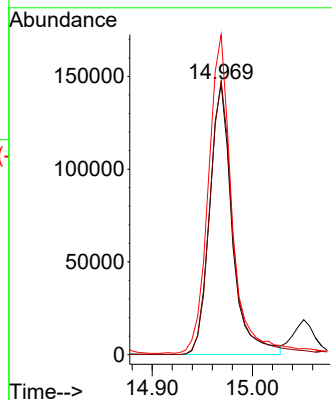
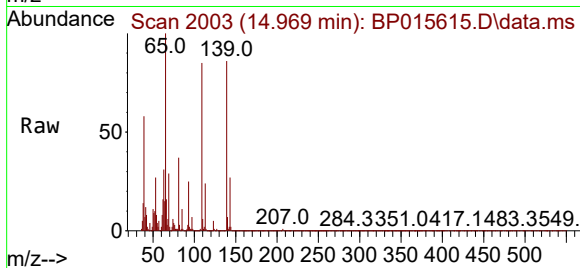
Tgt Ion:109 Resp: 228906

Ion Ratio Lower Upper

109 100

139 101.2 89.1 133.7

65 118.3 103.1 154.7



#56

Dibenzofuran

Concen: 35.451 ng/ul

RT: 15.134 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BP015615.D

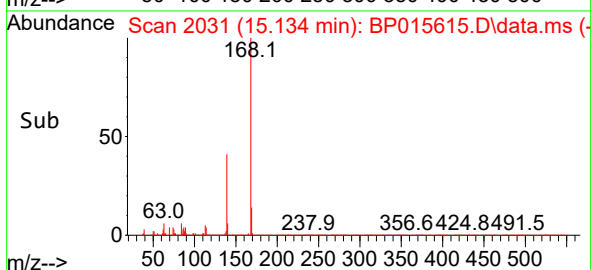
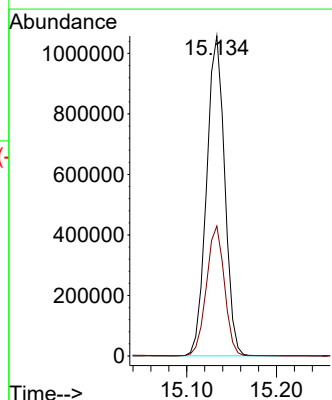
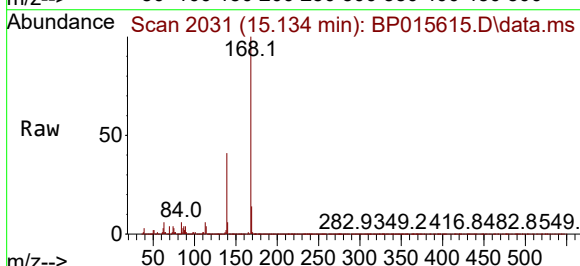
Acq: 19 Jun 2023 21:44

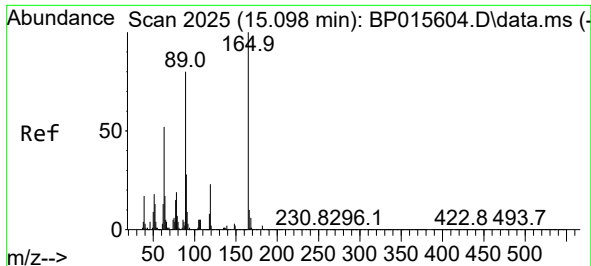
Tgt Ion:168 Resp: 1478406

Ion Ratio Lower Upper

168 100

139 40.6 31.2 46.8

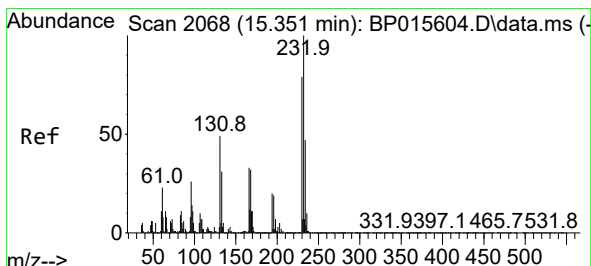
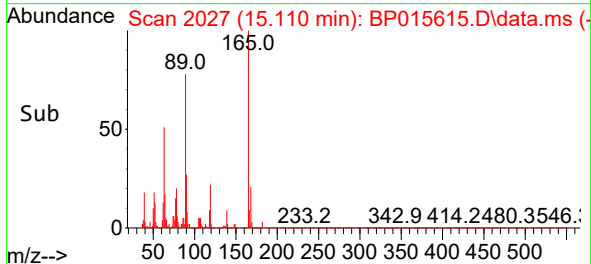
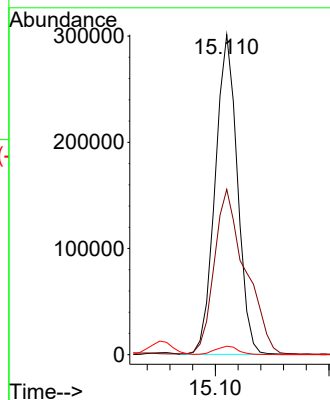
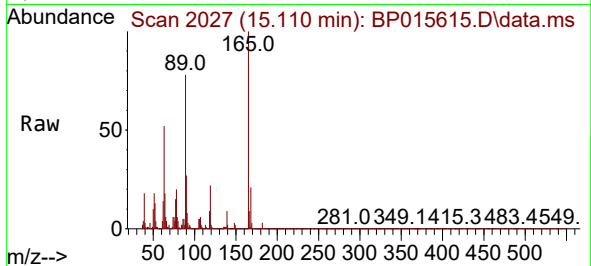




#57
2,4-Dinitrotoluene
Concen: 37.308 ng/ul
RT: 15.110 min Scan# 2025
Delta R.T. 0.012 min
Lab File: BP015615.D
Acq: 19 Jun 2023 21:44

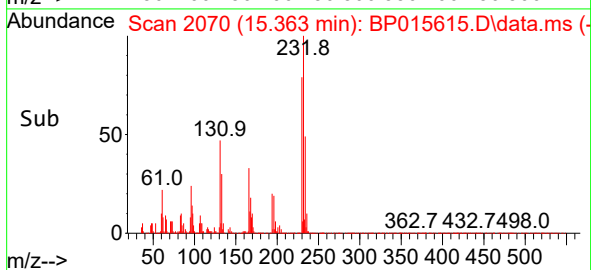
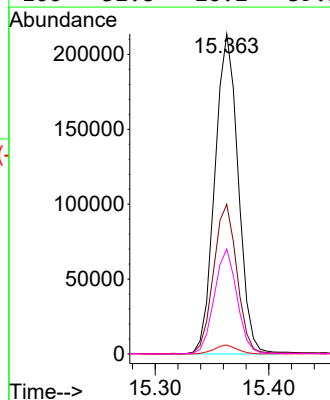
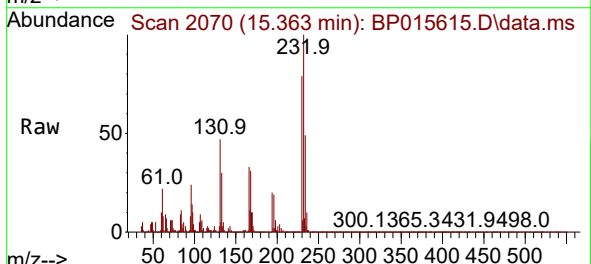
Instrument :
BNA_P
ClientSampleId :
SLCS339

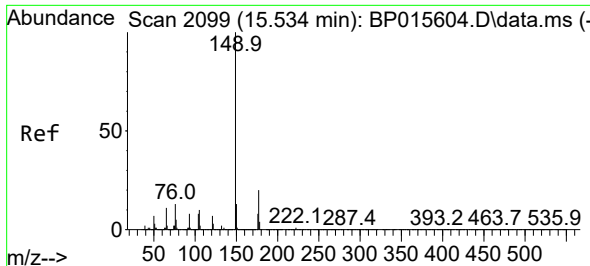
Tgt Ion:165 Resp: 408023
Ion Ratio Lower Upper
165 100
63 51.7 39.1 58.7
182 2.6 2.2 3.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 33.654 ng/ul
RT: 15.363 min Scan# 2070
Delta R.T. 0.006 min
Lab File: BP015615.D
Acq: 19 Jun 2023 21:44

Tgt Ion:232 Resp: 305917
Ion Ratio Lower Upper
232 100
131 46.7 37.8 56.8
130 2.8 1.9 2.9
166 32.8 26.2 39.2

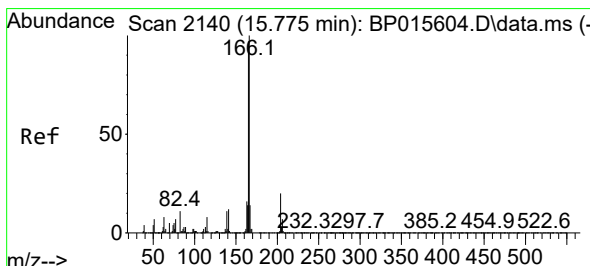
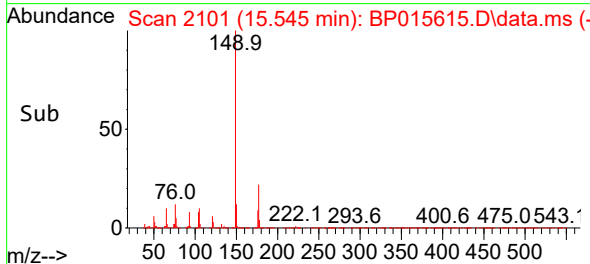
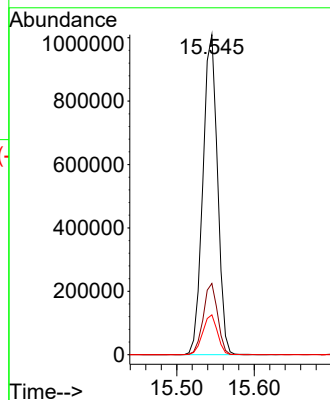
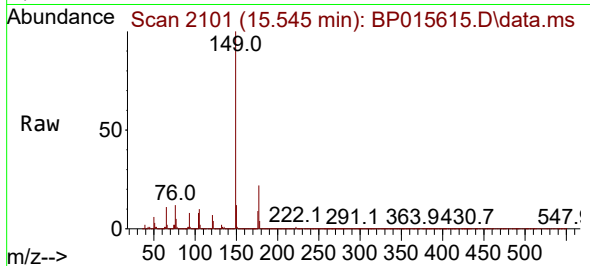




#59
Diethylphthalate
Concen: 35.534 ng/ul
RT: 15.545 min Scan# 2101
Delta R.T. 0.006 min
Lab File: BP015615.D
Acq: 19 Jun 2023 21:44

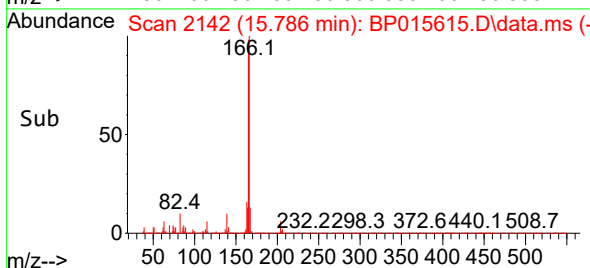
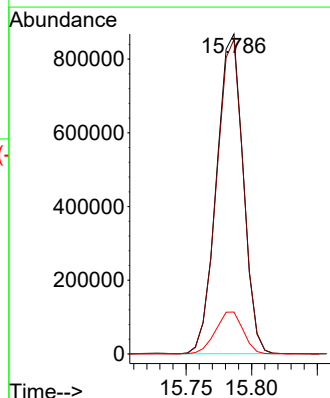
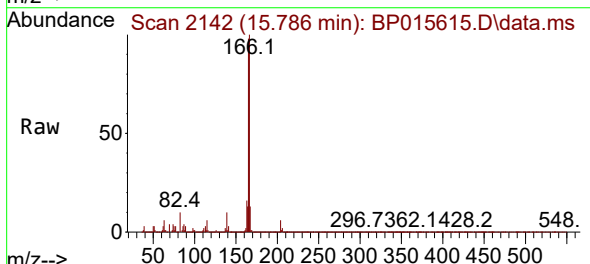
Instrument :
BNA_P
ClientSampleId :
SLCS339

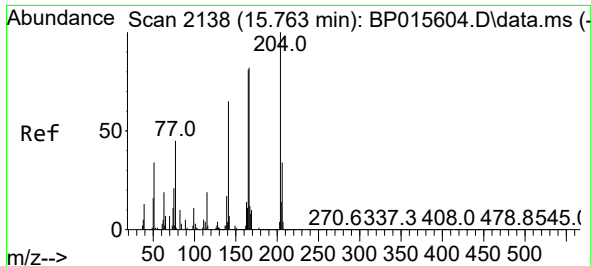
Tgt Ion:149 Resp: 1321761
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.8
150 12.5 10.1 15.1



#61
Fluorene
Concen: 35.983 ng/ul
RT: 15.786 min Scan# 2142
Delta R.T. 0.006 min
Lab File: BP015615.D
Acq: 19 Jun 2023 21:44

Tgt Ion:166 Resp: 1223274
Ion Ratio Lower Upper
166 100
165 98.3 79.1 118.7
167 13.1 10.6 16.0

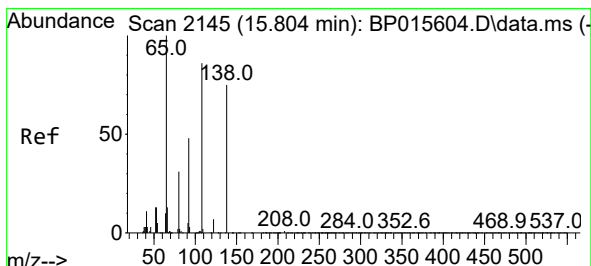
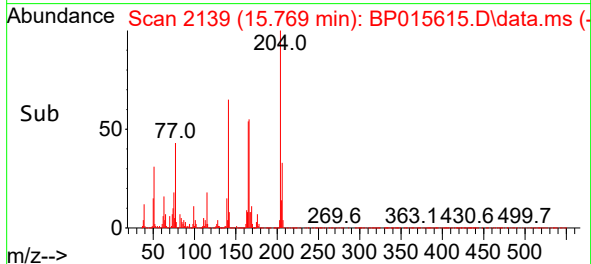
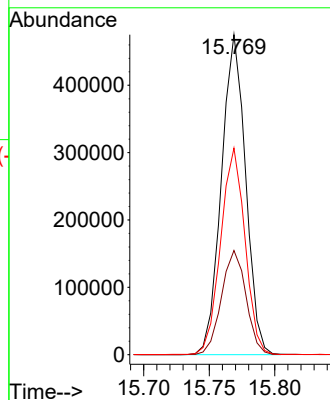
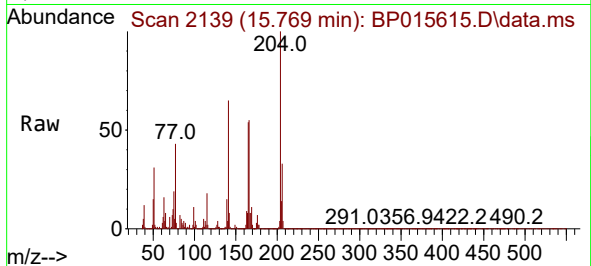




#62
4-Chlorophenyl-phenylether
Concen: 35.564 ng/ul
RT: 15.769 min Scan# 2138
Delta R.T. -0.000 min
Lab File: BP015615.D
Acq: 19 Jun 2023 21:44

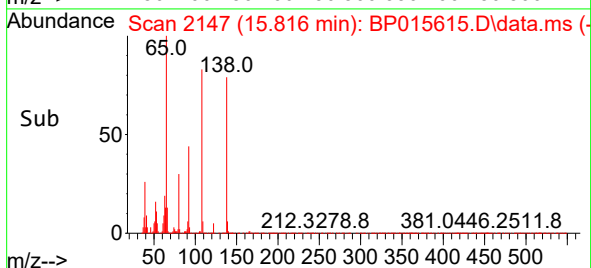
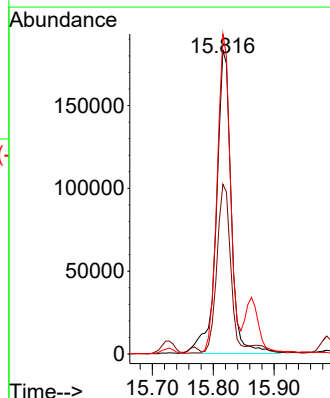
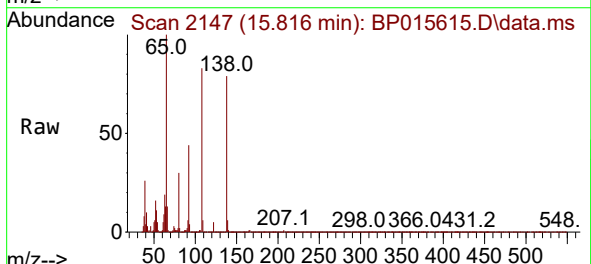
Instrument :
BNA_P
ClientSampleId :
SLCS339

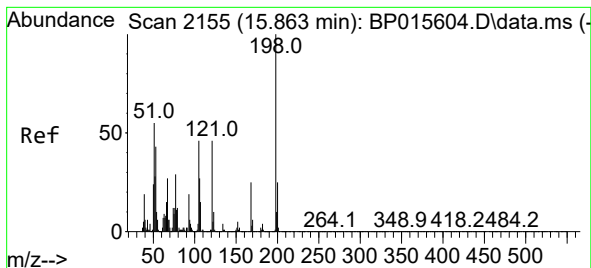
Tgt Ion:204 Resp: 609332
Ion Ratio Lower Upper
204 100
206 32.6 26.6 40.0
141 64.6 49.8 74.8



#63
4-Nitroaniline
Concen: 52.958 ng/ul
RT: 15.816 min Scan# 2147
Delta R.T. 0.012 min
Lab File: BP015615.D
Acq: 19 Jun 2023 21:44

Tgt Ion:138 Resp: 308348
Ion Ratio Lower Upper
138 100
92 55.9 44.6 67.0
108 105.3 78.4 117.6

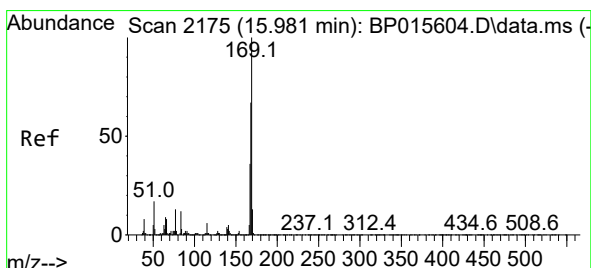
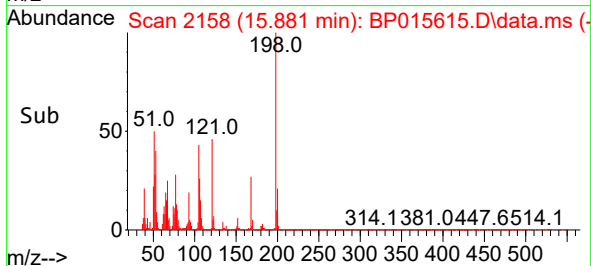
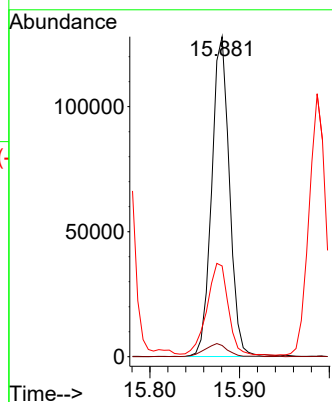
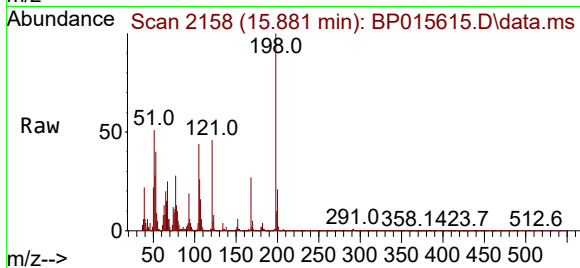




#66
4,6-Dinitro-2-methylphenol
Concen: 26.608 ng/ul
RT: 15.881 min Scan# 2158
Delta R.T. 0.018 min
Lab File: BP015615.D
Acq: 19 Jun 2023 21:44

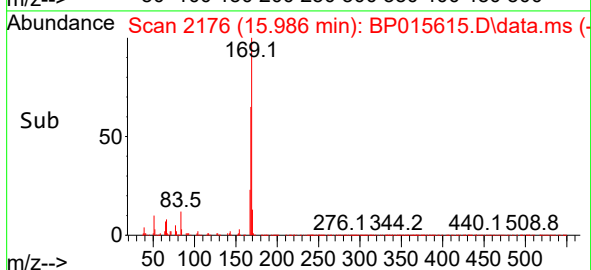
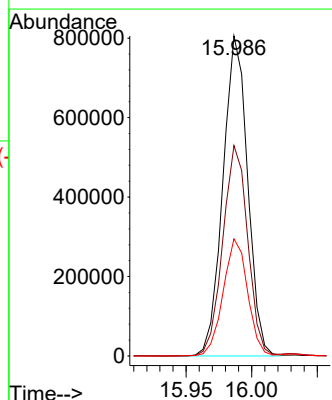
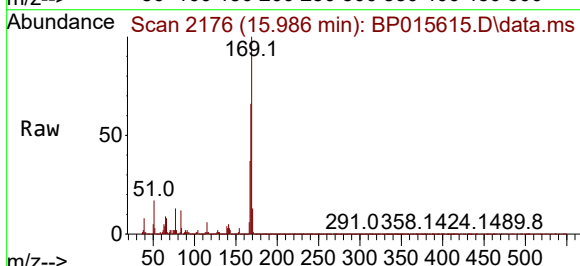
Instrument :
BNA_P
ClientSampleId :
SLCS339

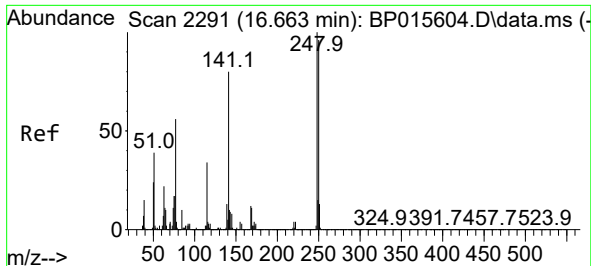
Tgt Ion:198 Resp: 175985
Ion Ratio Lower Upper
198 100
182 3.5 3.0 4.4
77 28.3 20.5 30.7



#67
N-Nitrosodiphenylamine
Concen: 36.253 ng/ul
RT: 15.986 min Scan# 2176
Delta R.T. 0.006 min
Lab File: BP015615.D
Acq: 19 Jun 2023 21:44

Tgt Ion:169 Resp: 1052851
Ion Ratio Lower Upper
169 100
168 65.8 53.0 79.4
167 36.6 28.9 43.3

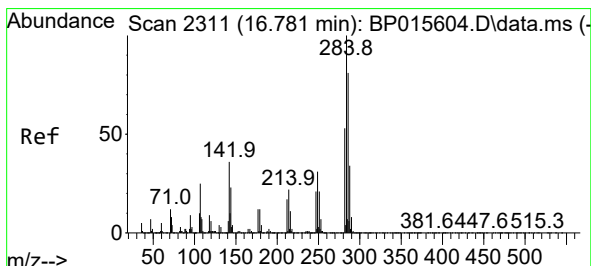
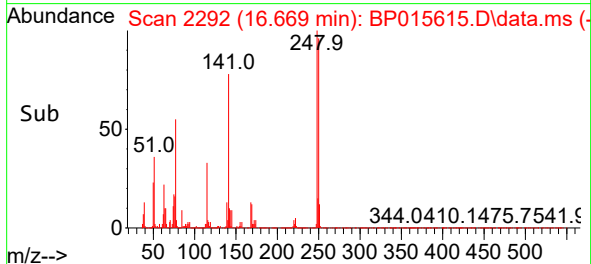
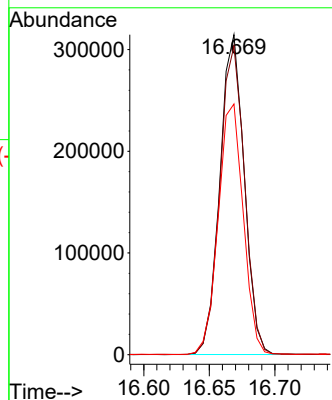
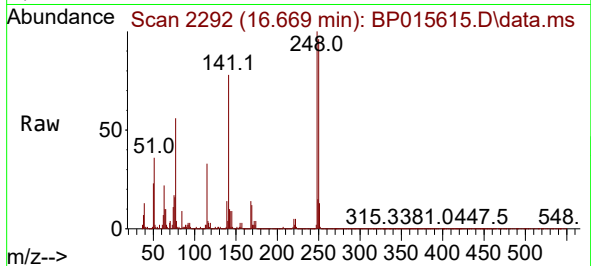




#68
4-Bromophenyl-phenylether
Concen: 37.095 ng/ul
RT: 16.669 min Scan# 2111
Delta R.T. 0.006 min
Lab File: BP015615.D
Acq: 19 Jun 2023 21:44

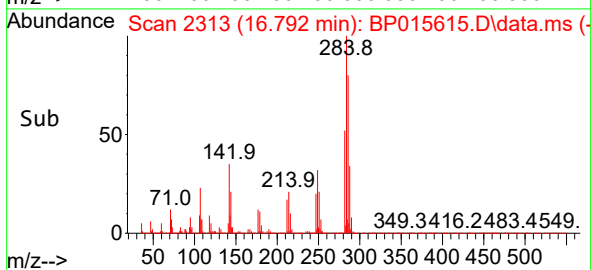
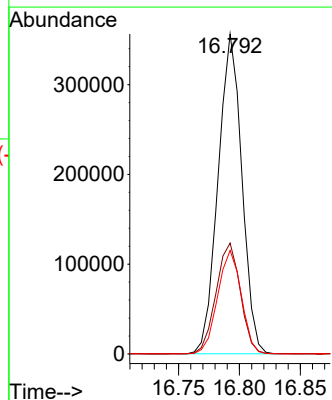
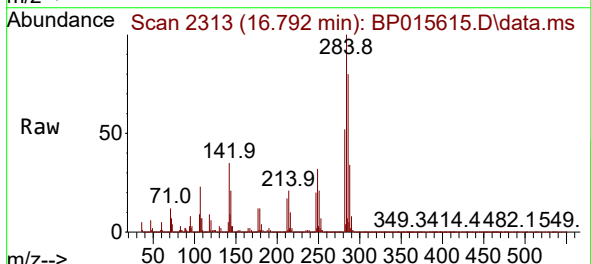
Instrument :
BNA_P
ClientSampleId :
SLCS339

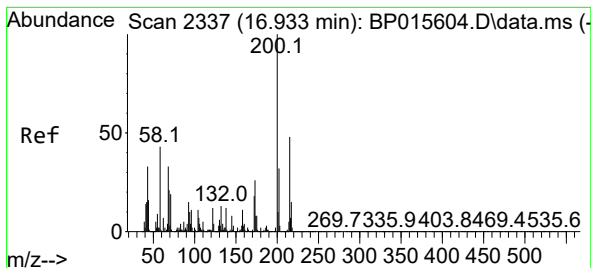
Tgt Ion:248 Resp: 406249
Ion Ratio Lower Upper
248 100
250 96.5 78.3 117.5
141 78.4 61.1 91.7



#69
Hexachlorobenzene
Concen: 37.418 ng/ul
RT: 16.792 min Scan# 2313
Delta R.T. 0.006 min
Lab File: BP015615.D
Acq: 19 Jun 2023 21:44

Tgt Ion:284 Resp: 483375
Ion Ratio Lower Upper
284 100
142 34.6 25.4 38.2
249 32.4 24.8 37.2





#70

Atrazine

Concen: 9.212 ng/ul

RT: 16.939 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP015615.D

Acq: 19 Jun 2023 21:44

Instrument :

BNA_P

ClientSampleId :

SLCS339

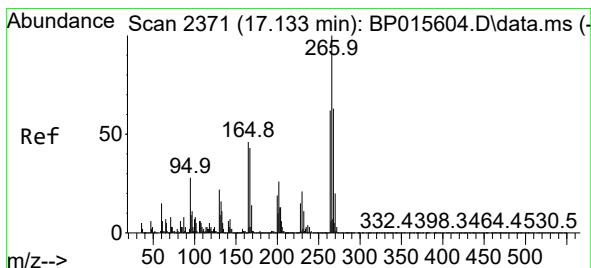
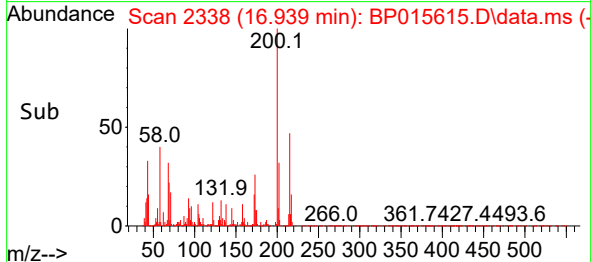
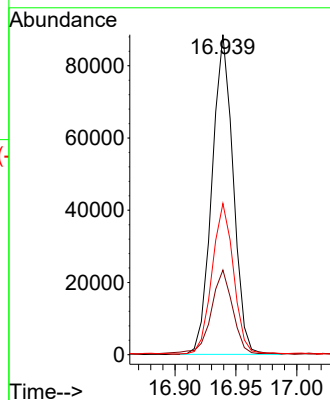
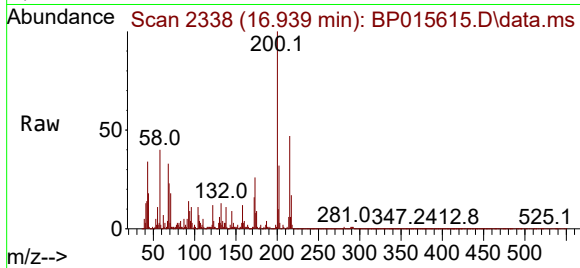
Tgt Ion:200 Resp: 106827

Ion Ratio Lower Upper

200 100

173 26.5 19.8 29.6

215 47.2 37.4 56.0



#71

Pentachlorophenol

Concen: 34.928 ng/ul

RT: 17.139 min Scan# 2372

Delta R.T. 0.006 min

Lab File: BP015615.D

Acq: 19 Jun 2023 21:44

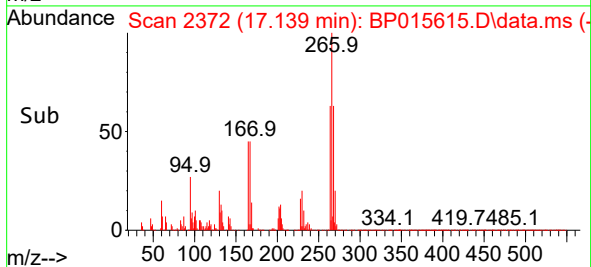
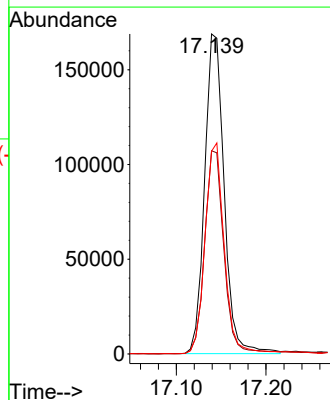
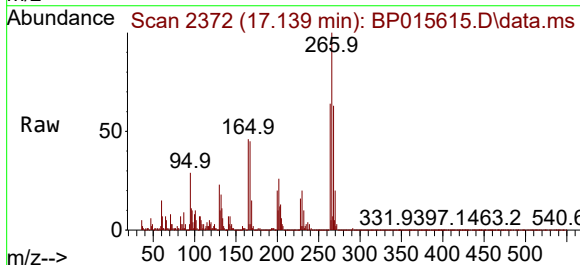
Tgt Ion:266 Resp: 255028

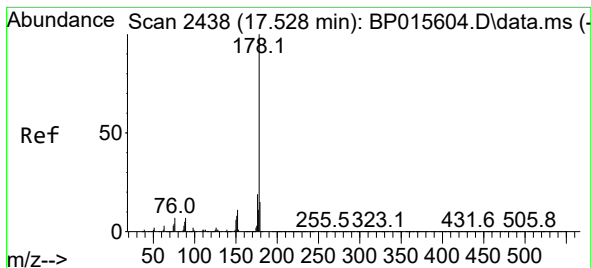
Ion Ratio Lower Upper

266 100

264 63.5 49.6 74.4

268 63.4 51.0 76.6





#72

Phenanthrene

Concen: 37.261 ng/ul

RT: 17.533 min Scan# 2438

Delta R.T. 0.006 min

Lab File: BP015615.D

Acq: 19 Jun 2023 21:44

Instrument :

BNA_P

ClientSampleId :

SLCS339

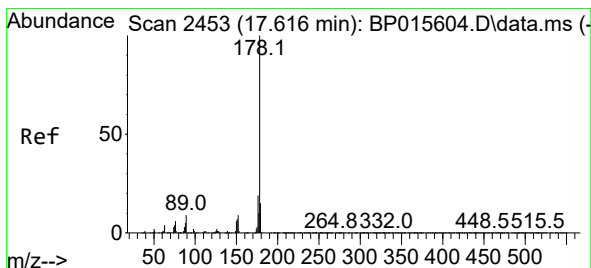
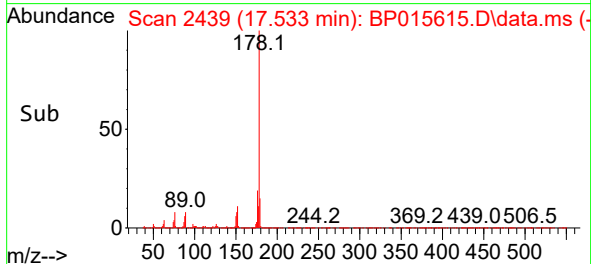
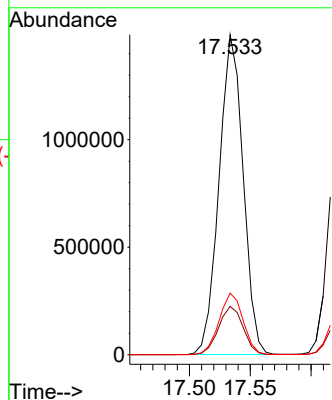
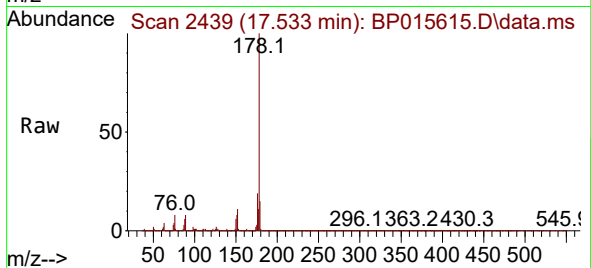
Tgt Ion:178 Resp: 2046920

Ion Ratio Lower Upper

178 100

179 15.1 12.3 18.5

176 19.3 15.4 23.0



#74

Anthracene

Concen: 36.051 ng/ul

RT: 17.628 min Scan# 2455

Delta R.T. 0.006 min

Lab File: BP015615.D

Acq: 19 Jun 2023 21:44

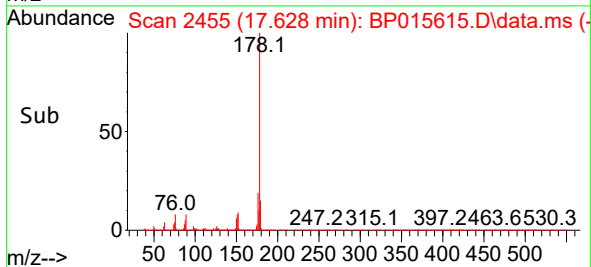
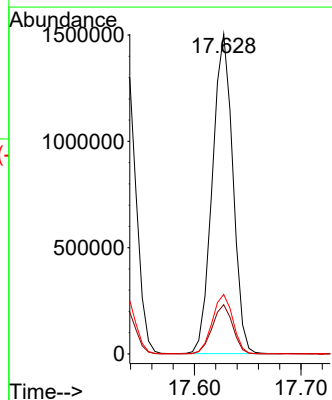
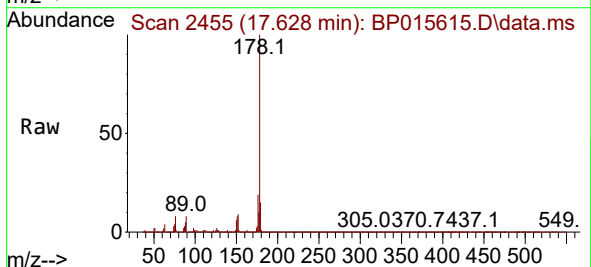
Tgt Ion:178 Resp: 2009442

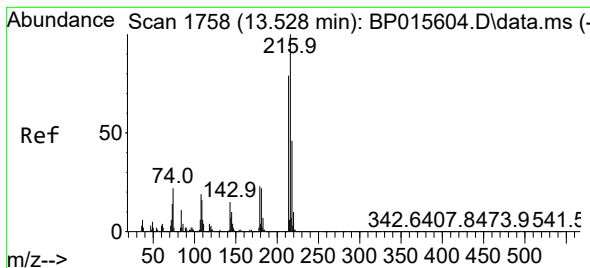
Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

176 18.6 15.0 22.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 37.645 ng/uL

RT: 13.539 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP015615.D

Acq: 19 Jun 2023 21:44

Instrument :

BNA_P

ClientSampleId :

SLCS339

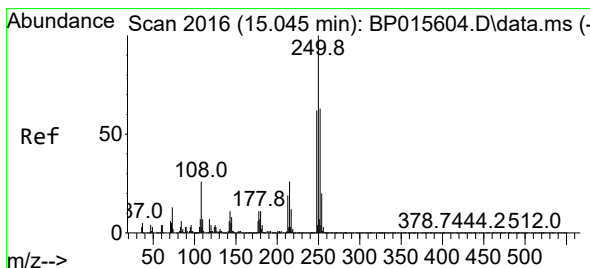
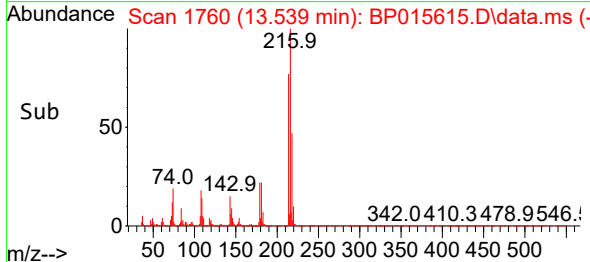
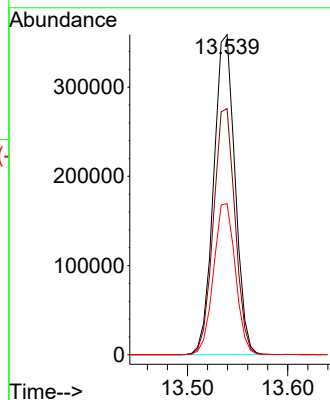
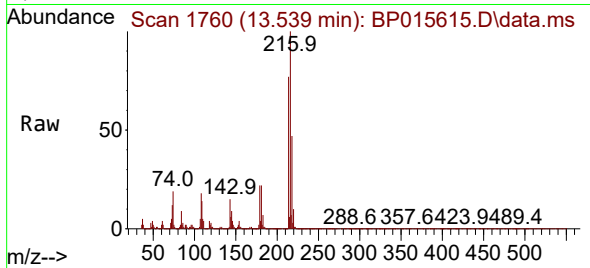
Tgt Ion:216 Resp: 531848

Ion Ratio Lower Upper

216 100

214 76.9 62.1 93.1

218 47.2 39.0 58.4



#76

Pentachlorobenzene

Concen: 35.947 ng/uL

RT: 15.051 min Scan# 2017

Delta R.T. 0.006 min

Lab File: BP015615.D

Acq: 19 Jun 2023 21:44

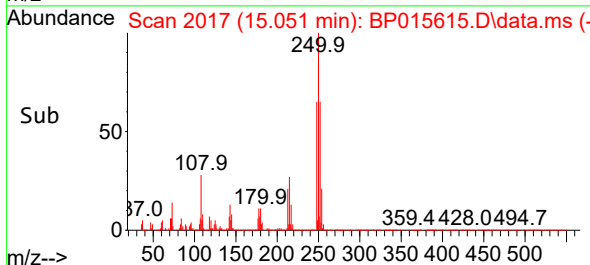
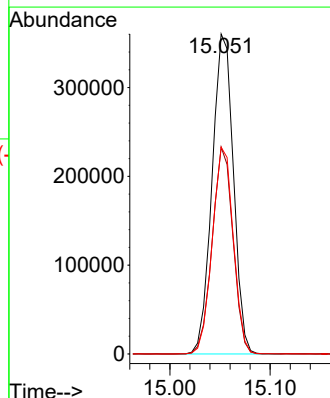
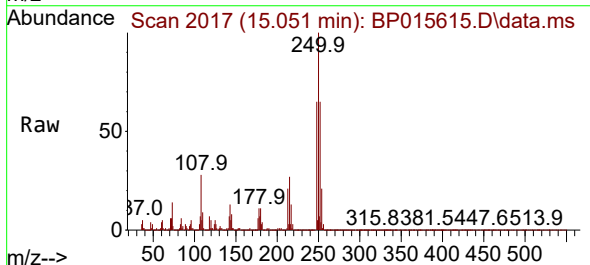
Tgt Ion:250 Resp: 531727

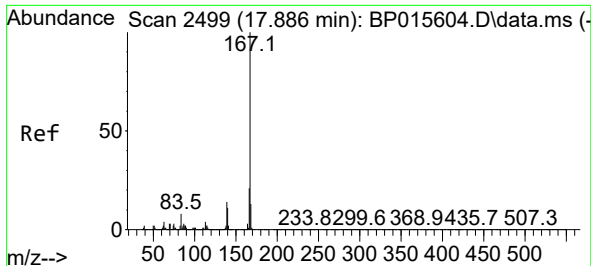
Ion Ratio Lower Upper

250 100

248 64.7 49.0 73.4

252 64.6 49.9 74.9

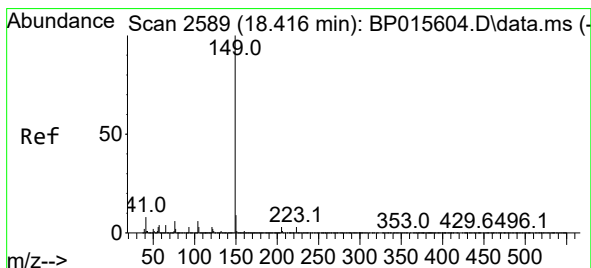
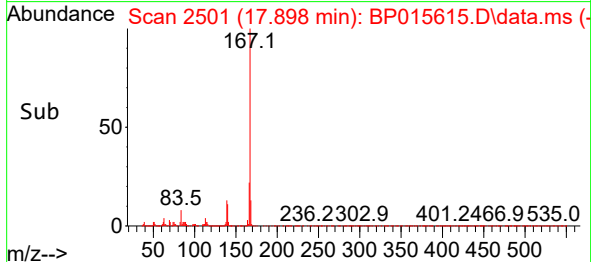
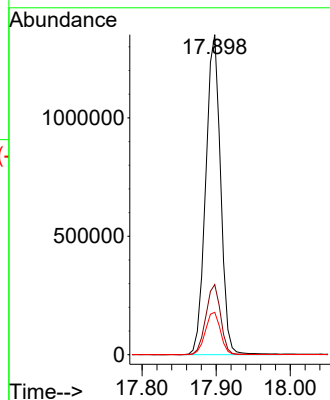
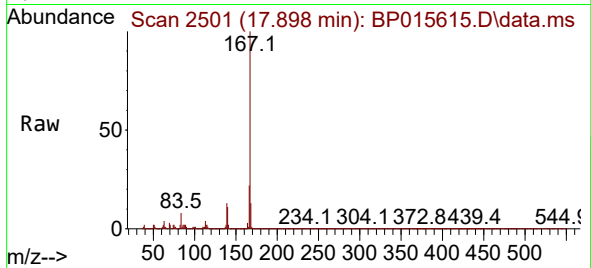




#77
Carbazole
Concen: 37.509 ng/ul
RT: 17.898 min Scan# 2499
Delta R.T. 0.006 min
Lab File: BP015615.D
Acq: 19 Jun 2023 21:44

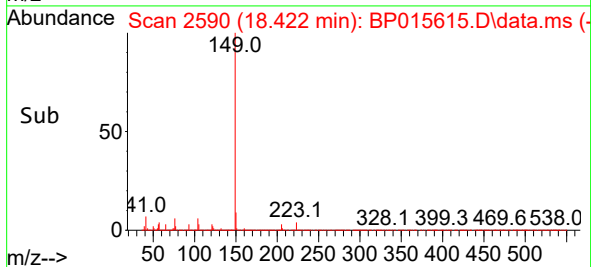
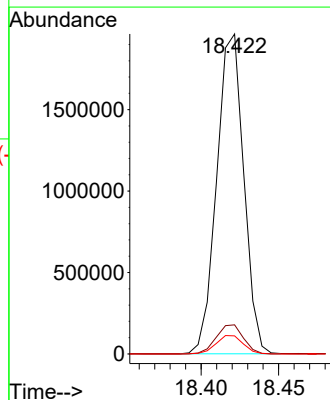
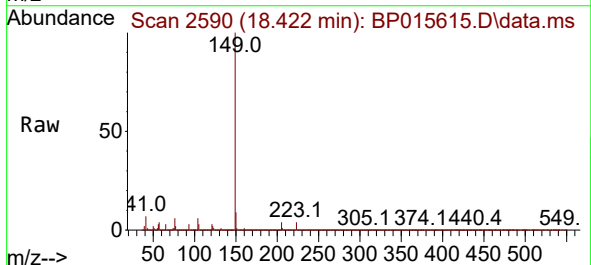
Instrument :
BNA_P
ClientSampleId :
SLCS339

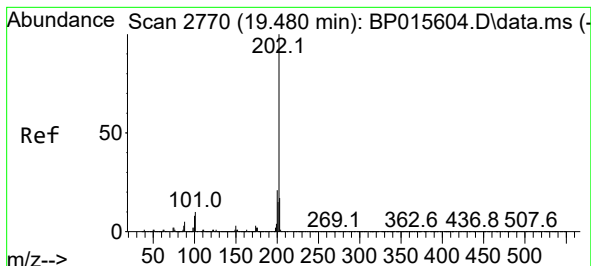
Tgt Ion:167 Resp: 1882508
Ion Ratio Lower Upper
167 100
166 21.9 17.2 25.8
139 13.2 10.6 16.0



#78
Di-n-butylphthalate
Concen: 37.422 ng/ul
RT: 18.422 min Scan# 2590
Delta R.T. 0.006 min
Lab File: BP015615.D
Acq: 19 Jun 2023 21:44

Tgt Ion:149 Resp: 2382934
Ion Ratio Lower Upper
149 100
150 9.1 7.1 10.7
104 5.6 4.5 6.7





#80

Fluoranthene

Concen: 42.549 ng/ul

RT: 19.486 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP015615.D

Acq: 19 Jun 2023 21:44

Instrument :

BNA_P

ClientSampleId :

SLCS339

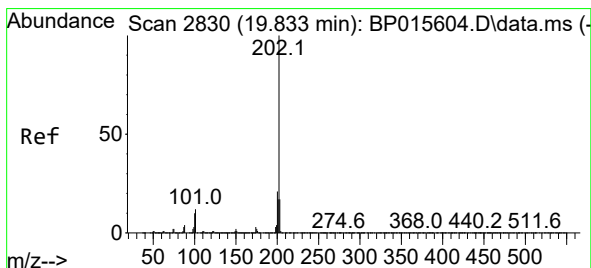
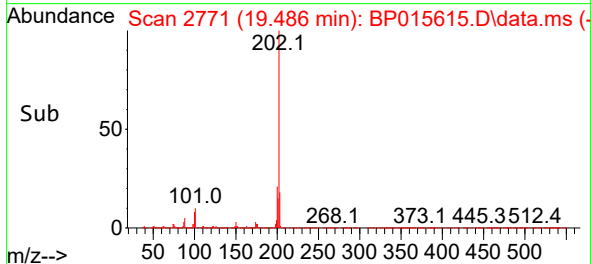
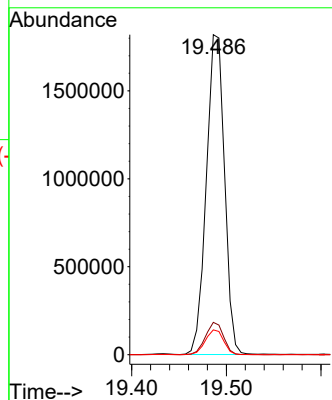
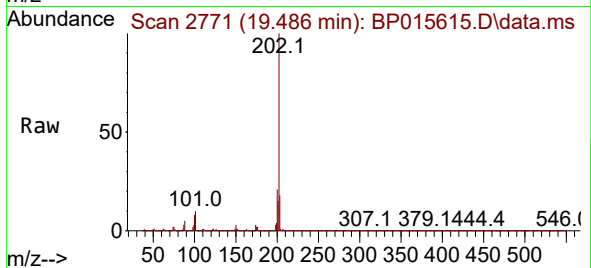
Tgt Ion:202 Resp: 2423743

Ion Ratio Lower Upper

202 100

101 10.1 8.6 13.0

100 7.7 6.6 9.8



#82

Pyrene

Concen: 42.196 ng/ul

RT: 19.845 min Scan# 2832

Delta R.T. 0.006 min

Lab File: BP015615.D

Acq: 19 Jun 2023 21:44

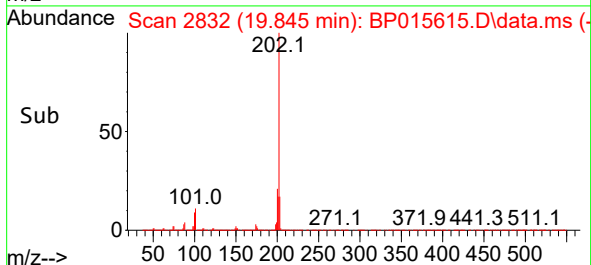
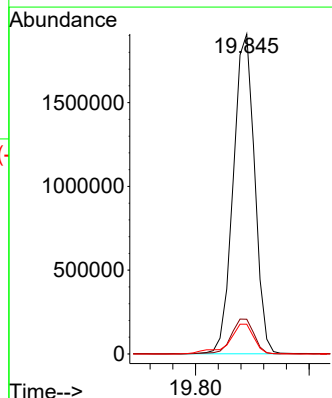
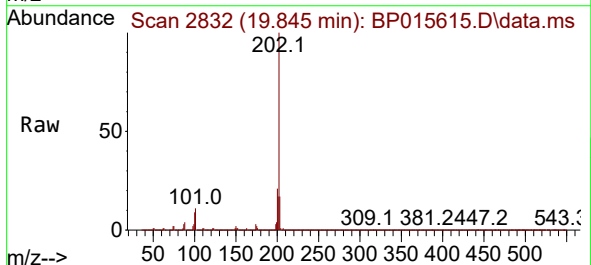
Tgt Ion:202 Resp: 2486747

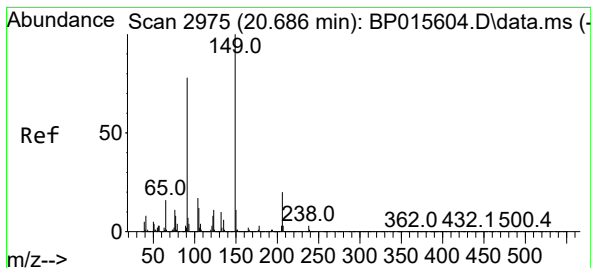
Ion Ratio Lower Upper

202 100

101 10.8 9.9 14.9

100 9.3 8.4 12.6





#83

Butylbenzylphthalate

Concen: 43.981 ng/ul

RT: 20.692 min Scan# 2975

Delta R.T. -0.000 min

Lab File: BP015615.D

Acq: 19 Jun 2023 21:44

Instrument :

BNA_P

ClientSampleId :

SLCS339

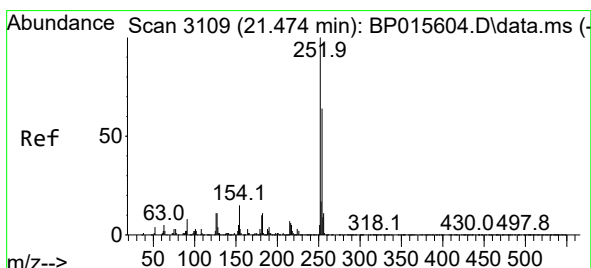
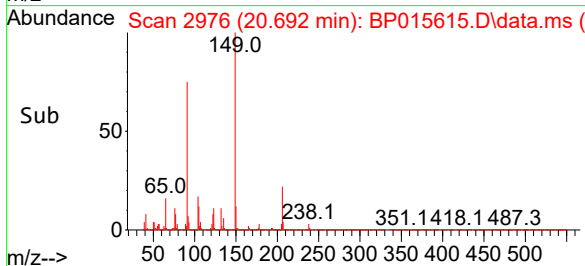
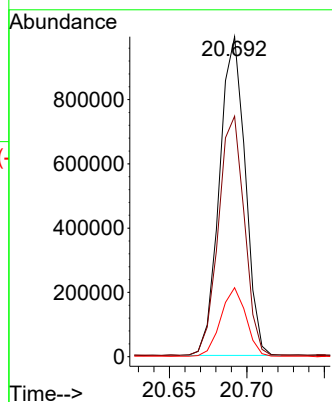
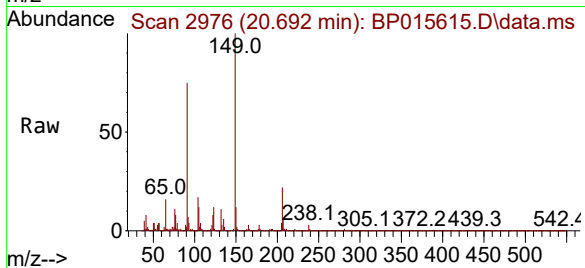
Tgt Ion:149 Resp: 1145609

Ion Ratio Lower Upper

149 100

91 75.1 60.4 90.6

206 21.6 16.4 24.6



#84

3,3'-Dichlorobenzidine

Concen: 34.327 ng/ul

RT: 21.480 min Scan# 3110

Delta R.T. -0.000 min

Lab File: BP015615.D

Acq: 19 Jun 2023 21:44

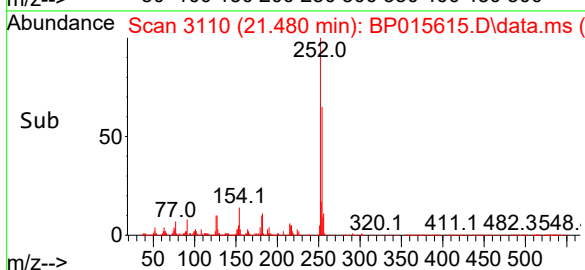
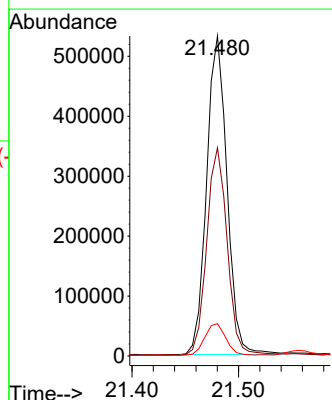
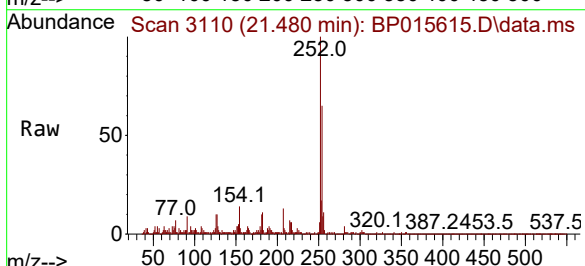
Tgt Ion:252 Resp: 708585

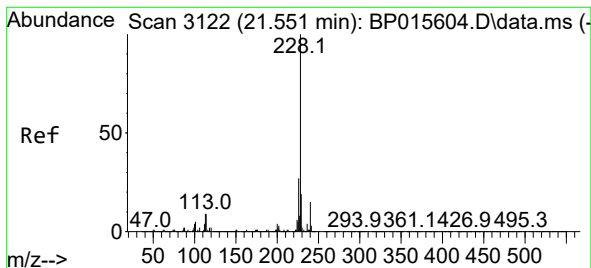
Ion Ratio Lower Upper

252 100

254 65.1 51.6 77.4

126 10.1 8.5 12.7





#85

Benzo(a)anthracene

Concen: 37.388 ng/ul

RT: 21.557 min Scan# 3122

Delta R.T. 0.006 min

Lab File: BP015615.D

Acq: 19 Jun 2023 21:44

Instrument :

BNA_P

ClientSampleId :

SLCS339

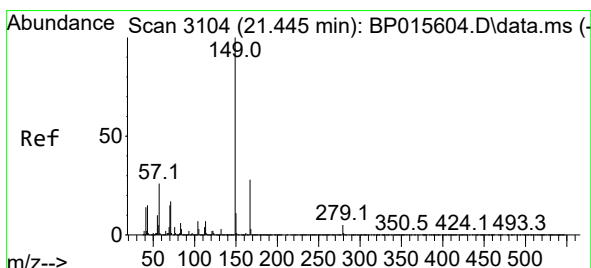
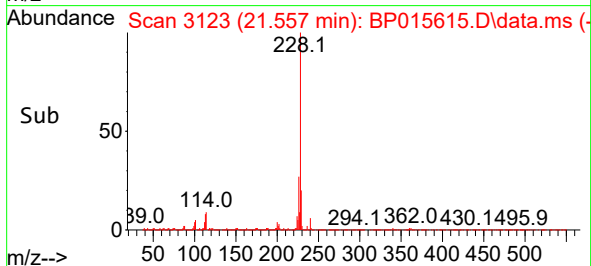
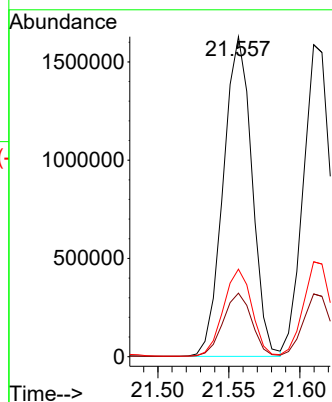
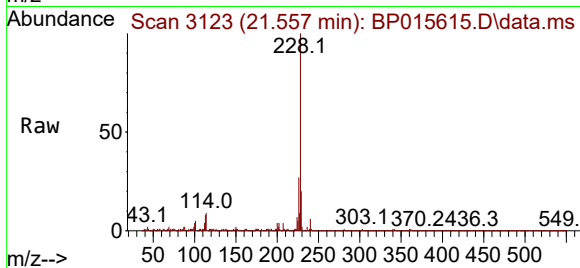
Tgt Ion:228 Resp: 2283700

Ion Ratio Lower Upper

228 100

229 19.9 15.8 23.6

226 27.4 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 43.028 ng/ul

RT: 21.445 min Scan# 3104

Delta R.T. -0.000 min

Lab File: BP015615.D

Acq: 19 Jun 2023 21:44

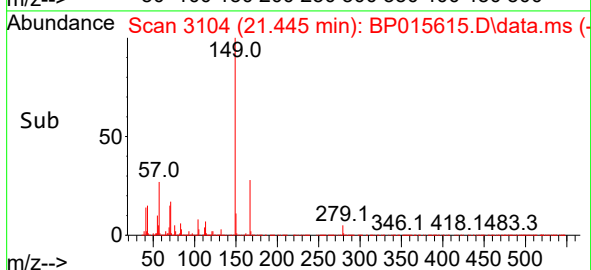
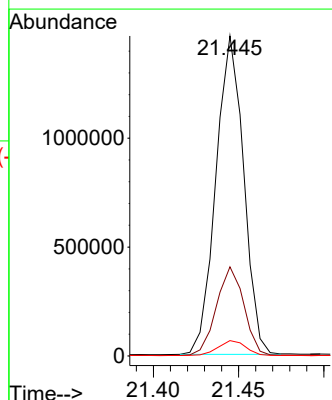
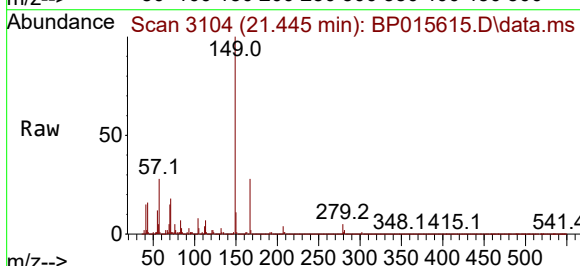
Tgt Ion:149 Resp: 1656591

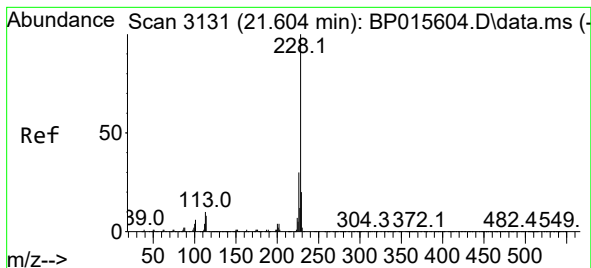
Ion Ratio Lower Upper

149 100

167 27.8 21.8 32.8

279 4.8 3.7 5.5





#87

Chrysene

Concen: 36.434 ng/ul

RT: 21.610 min Scan# 3131

Delta R.T. -0.000 min

Lab File: BP015615.D

Acq: 19 Jun 2023 21:44

Instrument :

BNA_P

ClientSampleId :

SLCS339

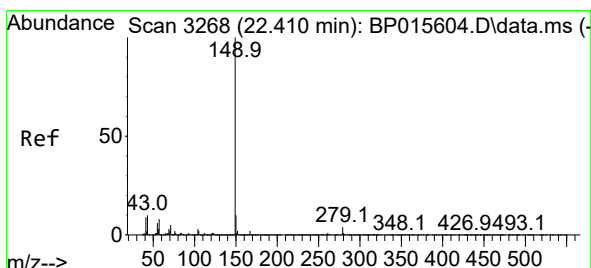
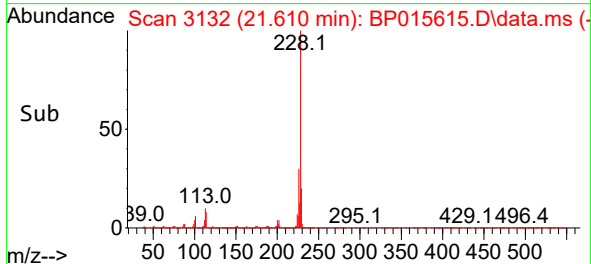
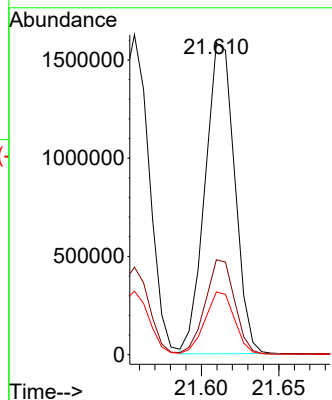
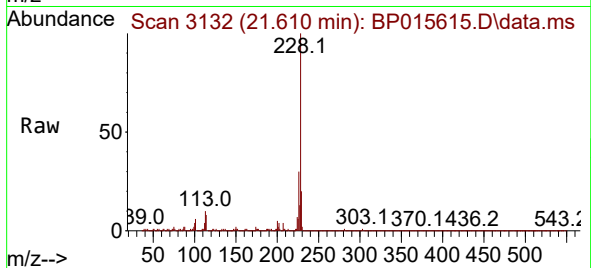
Tgt Ion:228 Resp: 2103529

Ion Ratio Lower Upper

228 100

226 30.4 23.9 35.9

229 20.1 15.1 22.7



#89

Di-n-octyl phthalate

Concen: 49.001 ng/ul

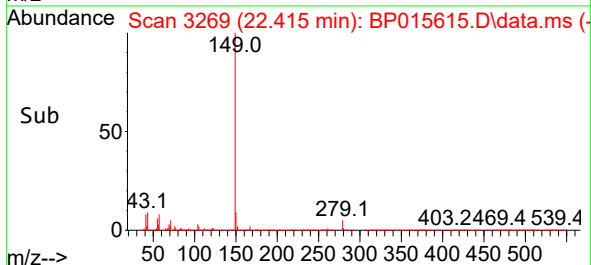
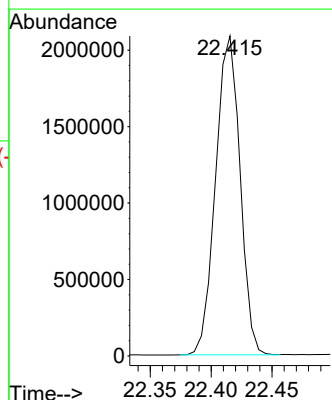
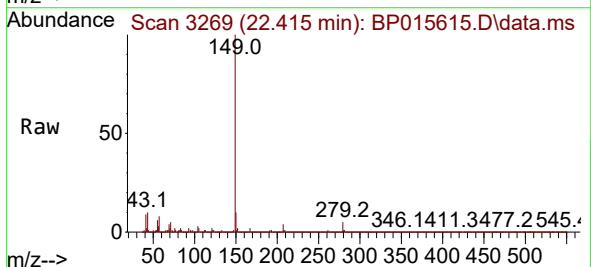
RT: 22.415 min Scan# 3269

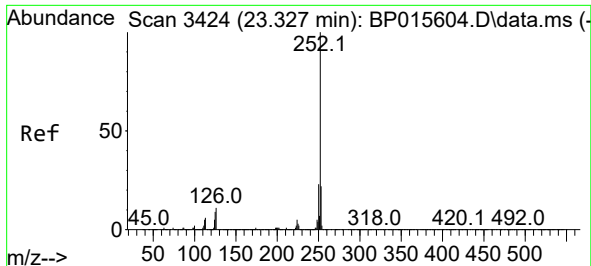
Delta R.T. -0.000 min

Lab File: BP015615.D

Acq: 19 Jun 2023 21:44

Tgt Ion:149 Resp: 2913994

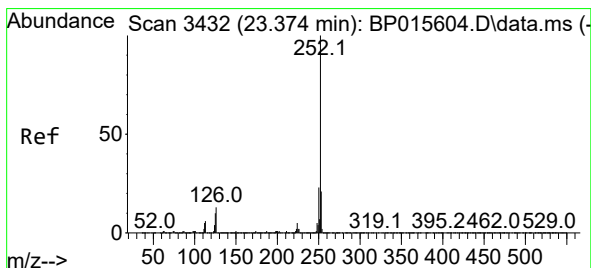
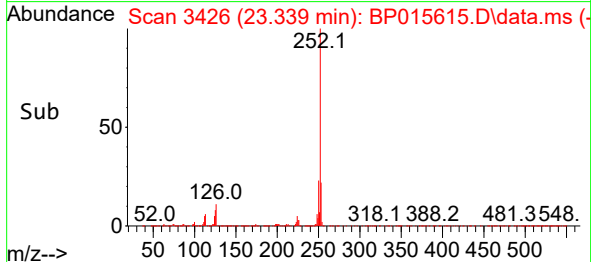
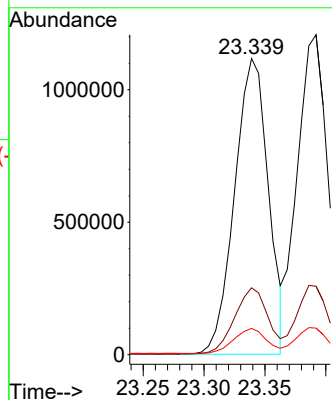
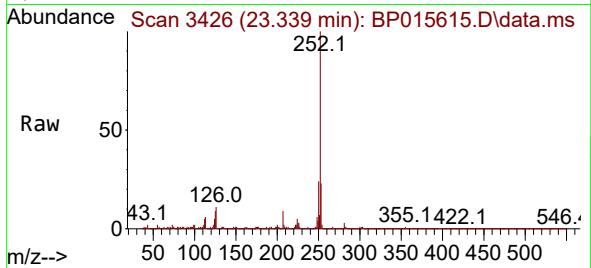




#90
Benzo(b)fluoranthene
Concen: 36.828 ng/ul
RT: 23.339 min Scan# 3424
Delta R.T. 0.012 min
Lab File: BP015615.D
Acq: 19 Jun 2023 21:44

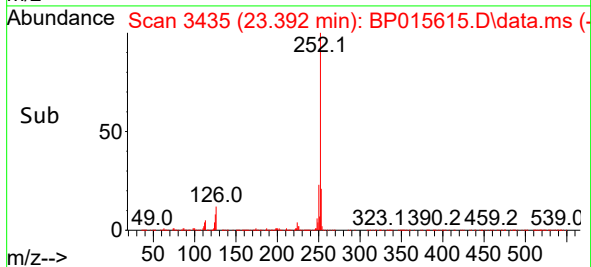
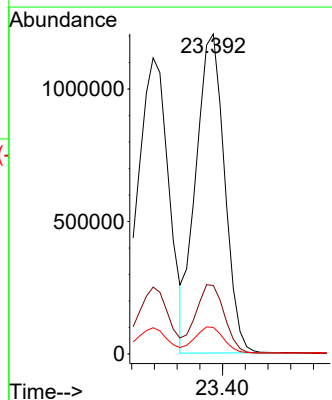
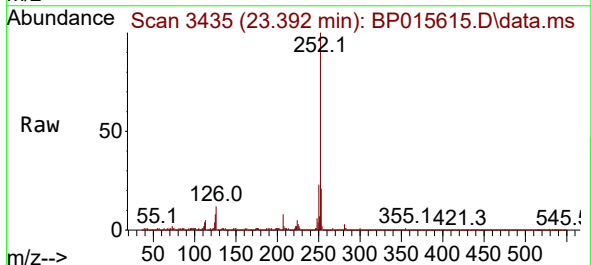
Instrument :
BNA_P
ClientSampleId :
SLCS339

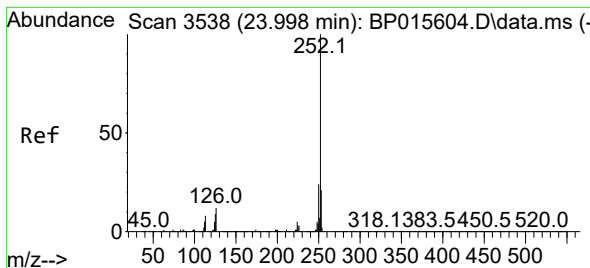
Tgt Ion:252 Resp: 2151032
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 8.9 7.3 10.9

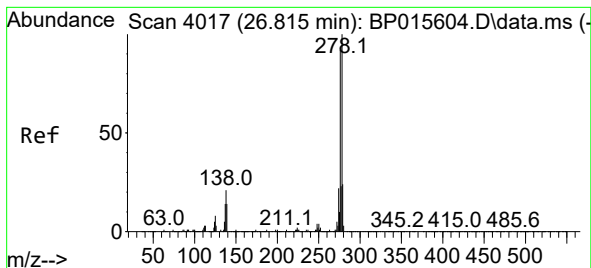


#91
Benzo(k)fluoranthene
Concen: 37.356 ng/ul
RT: 23.392 min Scan# 3435
Delta R.T. 0.012 min
Lab File: BP015615.D
Acq: 19 Jun 2023 21:44

Tgt Ion:252 Resp: 2109135
Ion Ratio Lower Upper
252 100
253 21.4 17.7 26.5
125 8.3 7.3 10.9







#95

Dibenzo(a,h)anthracene

Concen: 37.807 ng/ul

RT: 26.845 min Scan# 4017

Delta R.T. 0.017 min

Lab File: BP015615.D

Acq: 19 Jun 2023 21:44

Instrument :

BNA_P

ClientSampleId :

SLCS339

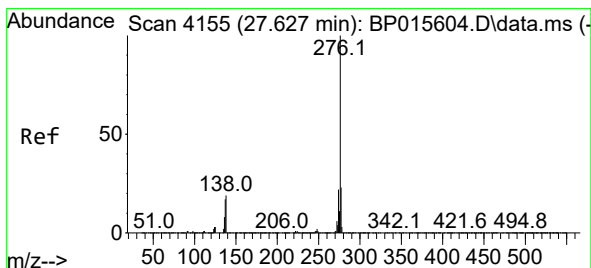
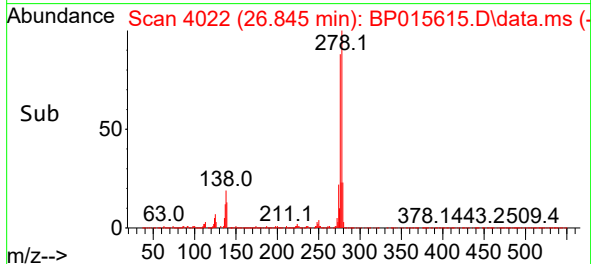
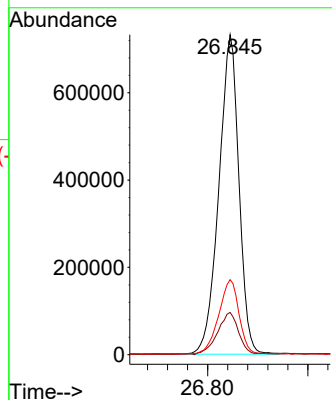
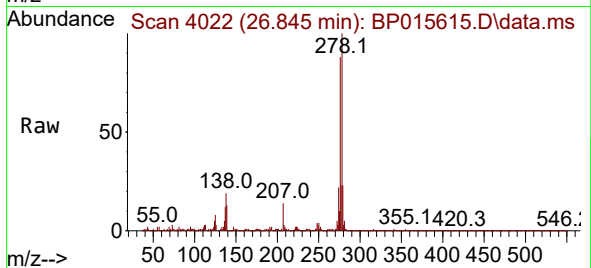
Tgt Ion:278 Resp: 2029889

Ion Ratio Lower Upper

278 100

139 13.2 11.4 17.0

279 23.5 18.7 28.1



#96

Benzo(g,h,i)perylene

Concen: 36.464 ng/ul

RT: 27.668 min Scan# 4162

Delta R.T. 0.029 min

Lab File: BP015615.D

Acq: 19 Jun 2023 21:44

Tgt Ion:276 Resp: 1980380

Ion Ratio Lower Upper

276 100

138 18.3 15.6 23.4

277 24.5 19.0 28.6

