

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061423\
 Data File : BP015566.D
 Acq On : 15 Jun 2023 20:58
 Operator : MA/JU
 Sample : PB153388BS
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS388

Quant Time: Jun 15 22:08:44 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	101745	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	477315	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	331753	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.487	188	789558	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	827945	20.000	ng/u1	0.00
88) Perylene-d12	24.116	264	965667	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	17343	6.312	ng/uL	0.00
4) Pyridine-d5	3.846	84	253472	35.515	ng/u1	0.00
7) Phenol-d5	7.240	99	346732	36.991	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	205763	36.757	ng/u1	0.00
11) 2-Chlorophenol-d4	7.611	132	266880	39.270	ng/u1	0.00
15) 4-Methylphenol-d8	8.805	113	296038	38.482	ng/u1	0.00
21) Nitrobenzene-d5	9.264	128	141922	37.872	ng/u1	0.00
24) 2-Nitrophenol-d4	9.993	143	165147	38.590	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	302324	38.727	ng/u1	0.00
31) 4-Chloroaniline-d4	11.052	131	380681	33.973	ng/u1	0.00
46) Dimethylphthalate-d6	14.134	166	987390	37.743	ng/u1	0.00
49) Acenaphthylene-d8	14.428	160	1081816	37.818	ng/u1	0.00
54) 4-Nitrophenol-d4	14.934	143	174897	37.333	ng/u1	0.00
60) Fluorene-d10	15.722	176	822483	37.283	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	179229	35.832	ng/u1	0.00
73) Anthracene-d10	17.587	188	1345008	37.441	ng/u1	0.00
81) Pyrene-d10	19.810	212	1707567	38.534	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.951	264	1891813	39.044	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.440	88	33260	11.460	ng/uL	91
5) Pyridine	3.864	79	249027	33.657	ng/u1	98
6) Benzaldehyde	7.222	77	158547	44.252	ng/u1	98
8) Phenol	7.269	94	359043	37.128	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.505	93	271357	35.491	ng/u1	99
12) 2-Chlorophenol	7.646	128	265775	37.014	ng/u1	98
13) 2-Methylphenol	8.534	108	276372	37.145	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.611	45	366407	36.163	ng/u1	99
16) Acetophenone	8.922	105	451016	36.737	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.905	70	242454	36.590	ng/u1	96
18) 4-Methylphenol	8.869	108	307468	37.559	ng/u1	99
19) Hexachloroethane	9.175	117	111506	36.749	ng/u1	99
22) Nitrobenzene	9.305	77	367945	37.024	ng/u1	98
23) Isophorone	9.834	82	704301	35.403	ng/u1	99
25) 2-Nitrophenol	10.022	139	171354	37.086	ng/u1	99
26) 2,4-Dimethylphenol	10.081	107	343861	35.093	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.316	93	402230	34.777	ng/u1	100
29) 2,4-Dichlorophenol	10.558	162	292791	37.722	ng/u1	98
30) Naphthalene	10.963	128	918317	35.504	ng/u1	99
32) 4-Chloroaniline	11.075	127	289545	24.973	ng/u1	99
33) Hexachlorobutadiene	11.240	225	192349	36.746	ng/u1	97
34) Caprolactam	11.863	113	105877	36.236	ng/u1	96
35) 4-Chloro-3-methylphenol	12.199	107	364794	38.790	ng/u1	98
36) 2-Methylnaphthalene	12.563	142	651095	35.808	ng/u1	98

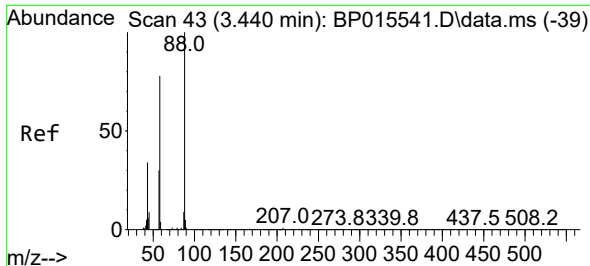
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.781	142	649046	35.452	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.928	216	376267	36.423	ng/ul	99
40) Hexachlorocyclopentadiene	12.899	237	137960	32.579	ng/ul	97
41) 2,4,6-Trichlorophenol	13.169	196	241817	35.170	ng/ul	98
42) 2,4,5-Trichlorophenol	13.246	196	277681	37.061	ng/ul	99
43) 1,1'-Biphenyl	13.563	154	907981	35.391	ng/ul	99
44) 2-Chloronaphthalene	13.610	162	713644	35.454	ng/ul	98
45) 2-Nitroaniline	13.822	65	256529	39.820	ng/ul	99
47) Dimethylphthalate	14.181	163	967183	35.807	ng/ul	100
48) 2,6-Dinitrotoluene	14.310	165	209588	37.873	ng/ul	98
50) Acenaphthylene	14.451	152	1127838	35.603	ng/ul	100
51) 3-Nitroaniline	14.646	138	203716	44.593	ng/ul	99
52) Acenaphthene	14.793	153	784981	35.848	ng/ul	98
53) 2,4-Dinitrophenol	14.857	184	111495	33.493	ng/ul	97
55) 4-Nitrophenol	14.951	109	173276	38.345	ng/ul	90
56) Dibenzofuran	15.128	168	1115028	35.927	ng/ul	96
57) 2,4-Dinitrotoluene	15.098	165	311614	38.286	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.357	232	225817	33.380	ng/ul	98
59) Diethylphthalate	15.540	149	1015220	36.673	ng/ul	98
61) Fluorene	15.781	166	920695	36.391	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.769	204	458690	35.973	ng/ul	100
63) 4-Nitroaniline	15.810	138	215343	49.696	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.863	198	178424	34.975	ng/ul	92
67) N-Nitrosodiphenylamine	15.981	169	792009	35.358	ng/ul	99
68) 4-Bromophenyl-phenylether	16.663	248	302676	35.832	ng/ul	94
69) Hexachlorobenzene	16.787	284	372841	37.419	ng/ul	98
70) Atrazine	16.934	200	66920	7.481	ng/ul	99
71) Pentachlorophenol	17.134	266	190816	33.882	ng/ul	97
72) Phenanthrene	17.528	178	1557813	36.766	ng/ul	99
74) Anthracene	17.622	178	1558293	36.247	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.534	216	388329	35.636	ng/uL	100
76) Pentachlorobenzene	15.046	250	397192	34.813	ng/uL	98
77) Carbazole	17.892	167	1447271	37.388	ng/ul	99
78) Di-n-butylphthalate	18.416	149	1860732	37.886	ng/ul	99
80) Fluoranthene	19.486	202	1986372	36.800	ng/ul	97
82) Pyrene	19.839	202	2055254	36.804	ng/ul	97
83) Butylbenzylphthalate	20.692	149	960788	38.926	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.475	252	742734	37.971	ng/ul	100
85) Benzo(a)anthracene	21.551	228	2153523	37.207	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.445	149	1435802	39.356	ng/ul	100
87) Chrysene	21.610	228	2031179	37.127	ng/ul	99
89) Di-n-octyl phthalate	22.416	149	2562197	40.371	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	2348014	37.668	ng/ul	100
91) Benzo(k)fluoranthene	23.380	252	2211432	36.701	ng/ul	99
93) Benzo(a)pyrene	24.004	252	1975209	36.345	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.816	276	2438992	34.678	ng/ul	100
95) Dibenzo(a,h)anthracene	26.821	278	2016331	35.189	ng/ul	100
96) Benzo(g,h,i)perylene	27.645	276	1976761	34.105	ng/ul	98

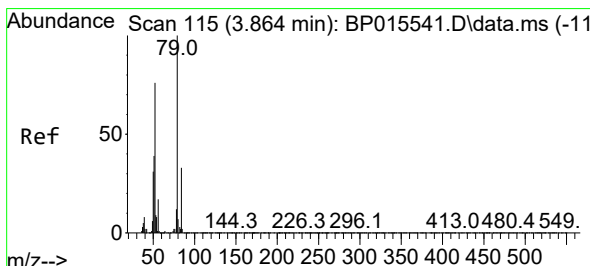
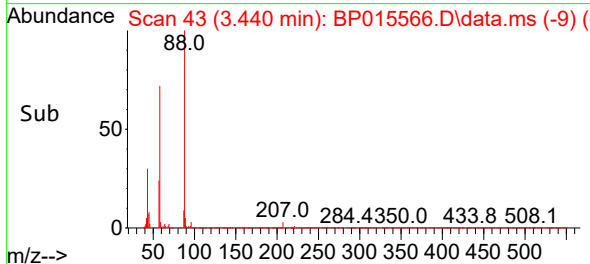
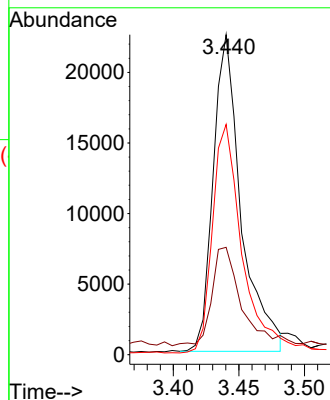
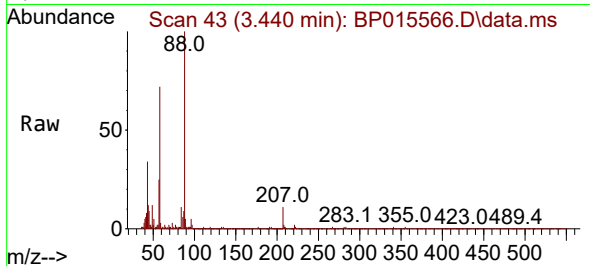
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#2
1,4-Dioxane
Concen: 11.460 ng/uL
RT: 3.440 min Scan# 43
Delta R.T. 0.000 min
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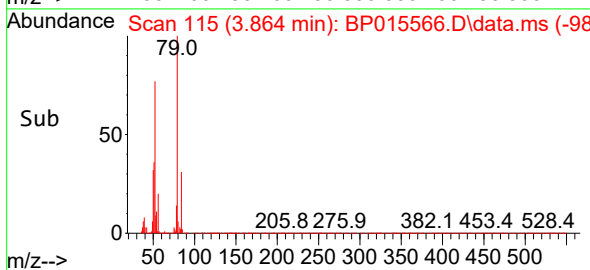
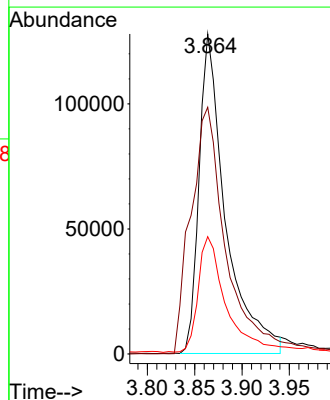
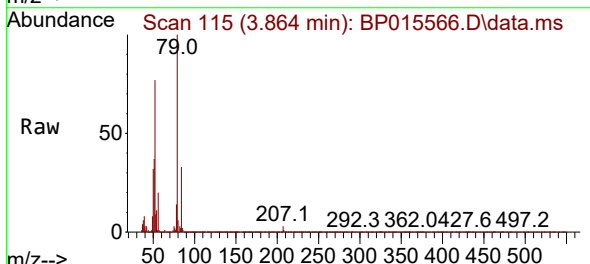
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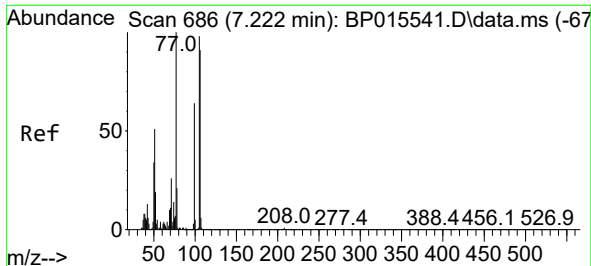
Tgt Ion:	88	Resp:	33260
Ion	Ratio	Lower	Upper
88	100		
43	33.6	23.9	35.9
58	72.0	51.4	77.2



#5
Pyridine
Concen: 33.657 ng/uL
RT: 3.864 min Scan# 115
Delta R.T. 0.000 min
Lab File: BP015566.D
Acq: 15 Jun 2023 20:58

Tgt Ion:	79	Resp:	249027
Ion	Ratio	Lower	Upper
79	100		
52	77.1	59.5	89.3
51	36.7	29.8	44.6

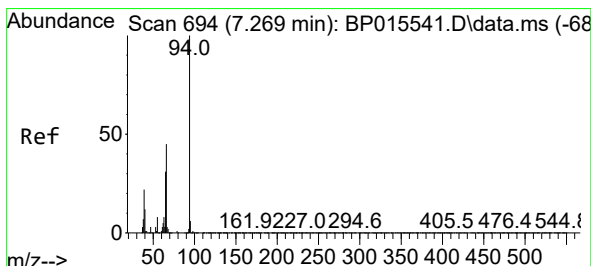
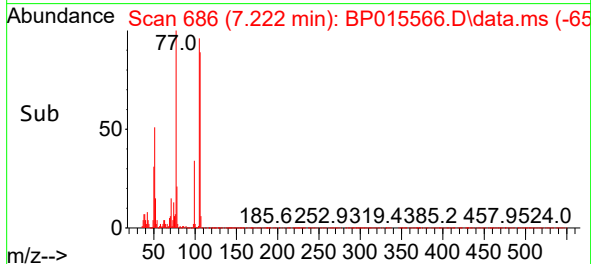
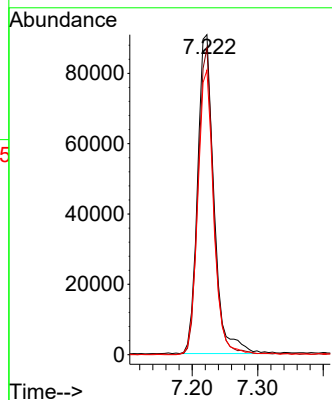
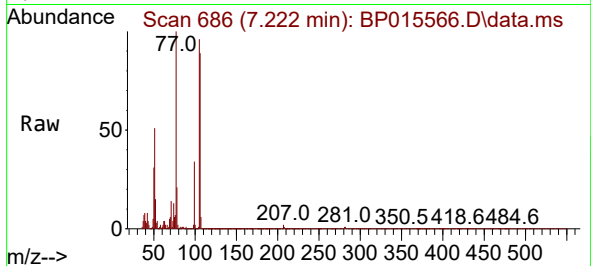




#6
Benzaldehyde
Concen: 44.252 ng/ul
RT: 7.222 min Scan# 686
Delta R.T. 0.000 min
Lab File: BP015566.D
Acq: 15 Jun 2023 20:58

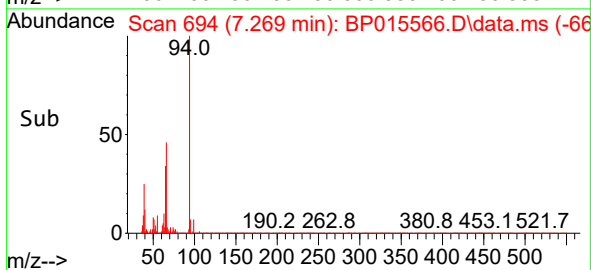
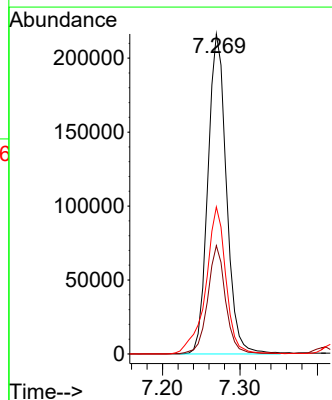
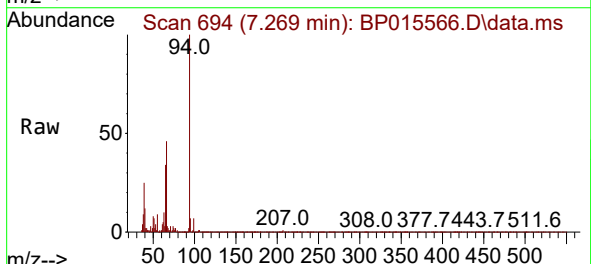
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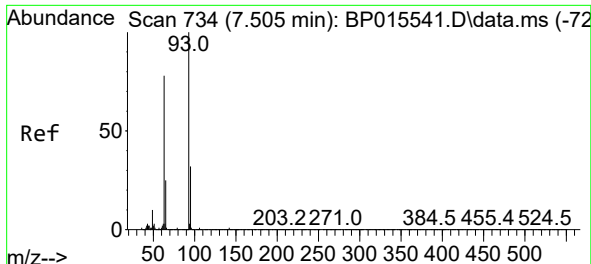
Tgt Ion: 77 Resp: 158547
Ion Ratio Lower Upper
77 100
105 95.8 77.3 115.9
106 88.9 73.3 109.9



#8
Phenol
Concen: 37.128 ng/ul
RT: 7.269 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP015566.D
Acq: 15 Jun 2023 20:58

Tgt Ion: 94 Resp: 359043
Ion Ratio Lower Upper
94 100
65 33.9 23.5 35.3
66 45.9 34.2 51.4

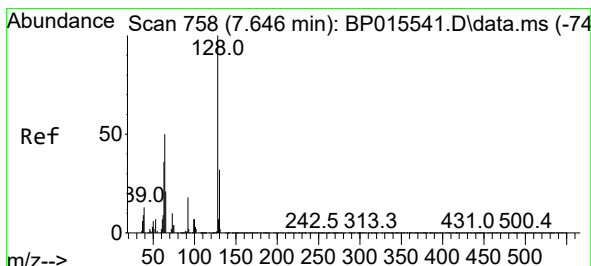
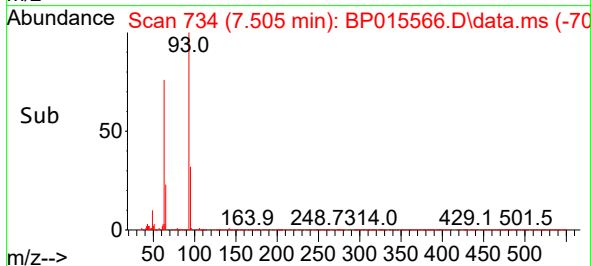
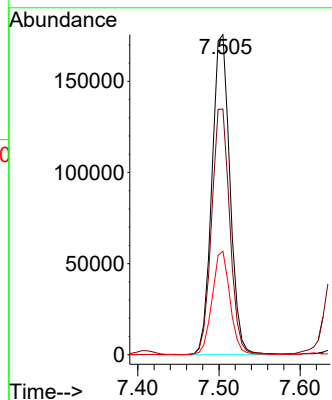
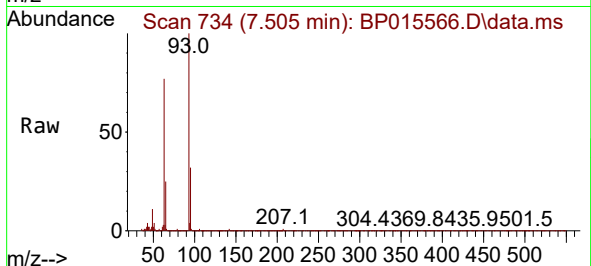




#10
Bis(2-Chloroethyl)ether
Concen: 35.491 ng/ul
RT: 7.505 min Scan# 734
Delta R.T. 0.000 min
Lab File: BP015566.D
Acq: 15 Jun 2023 20:58

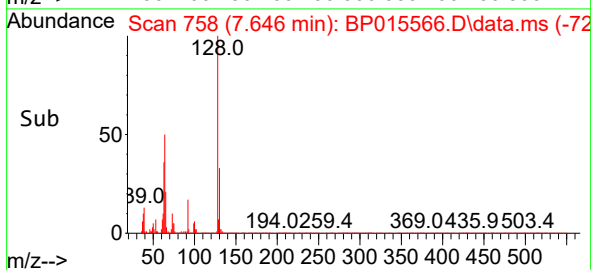
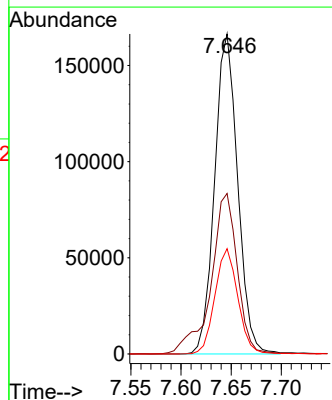
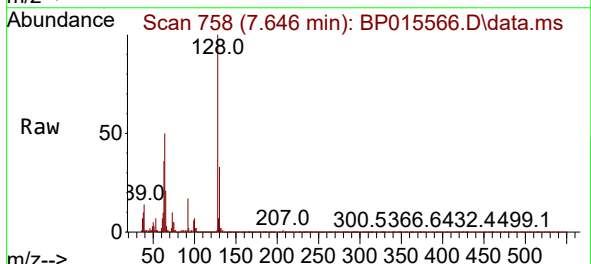
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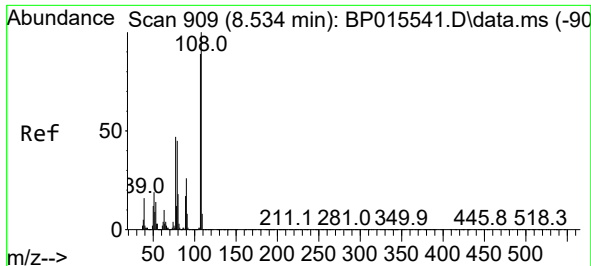
Tgt Ion: 93 Resp: 271357
Ion Ratio Lower Upper
93 100
63 76.7 62.6 93.8
95 32.3 25.5 38.3



#12
2-Chlorophenol
Concen: 37.014 ng/ul
RT: 7.646 min Scan# 758
Delta R.T. 0.000 min
Lab File: BP015566.D
Acq: 15 Jun 2023 20:58

Tgt Ion:128 Resp: 265775
Ion Ratio Lower Upper
128 100
64 50.2 40.2 60.4
130 32.9 24.5 36.7





#13

2-Methylphenol

Concen: 37.145 ng/ul

RT: 8.534 min Scan# 909

Delta R.T. 0.000 min

Lab File: BP015566.D

Acq: 15 Jun 2023 20:58

Instrument :

BNA_P

ClientSampleId :

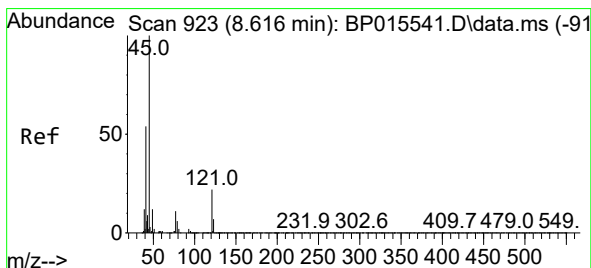
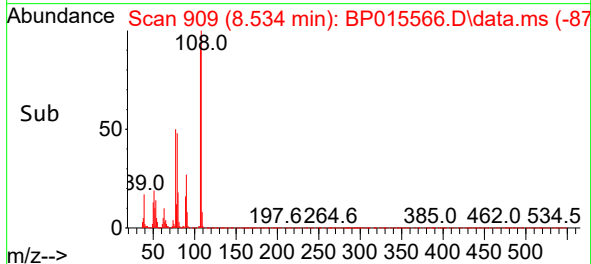
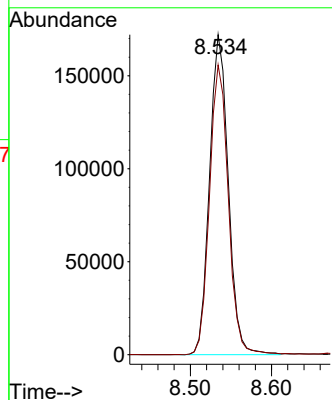
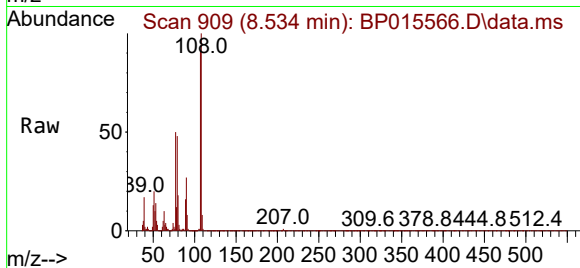
SLCS388

Tgt Ion:108 Resp: 276372

Ion Ratio Lower Upper

108 100

107 90.6 71.2 106.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 36.163 ng/ul

RT: 8.611 min Scan# 922

Delta R.T. -0.006 min

Lab File: BP015566.D

Acq: 15 Jun 2023 20:58

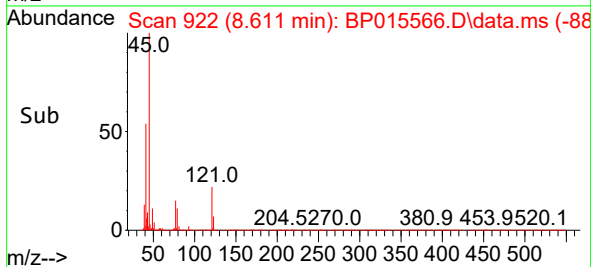
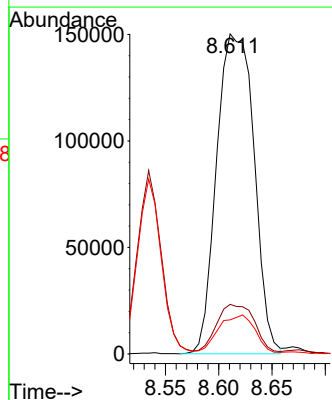
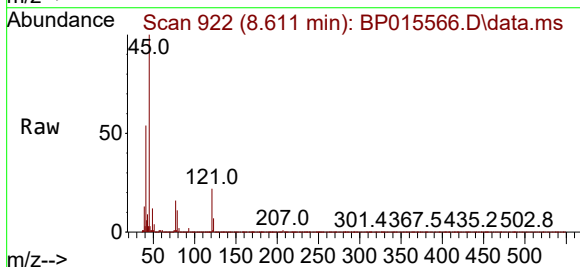
Tgt Ion: 45 Resp: 366407

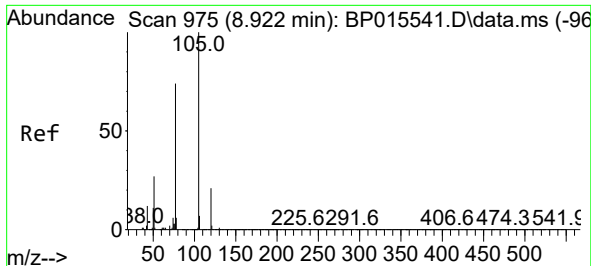
Ion Ratio Lower Upper

45 100

77 15.5 11.8 17.8

79 10.7 8.7 13.1

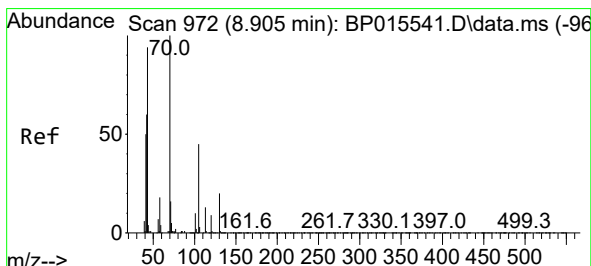
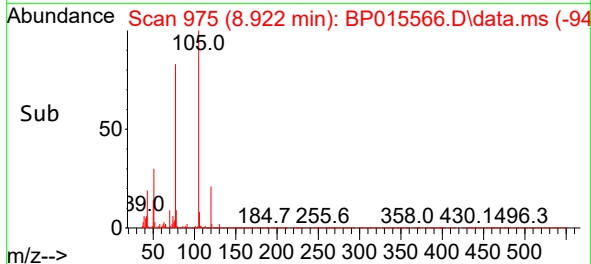
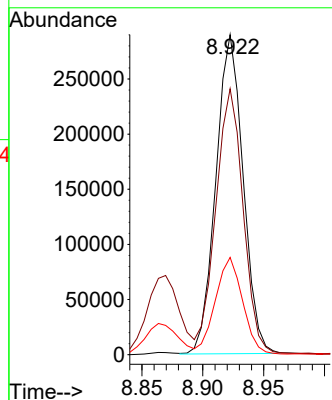
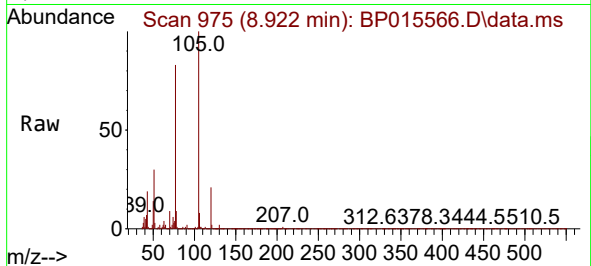




#16
Acetophenone
Concen: 36.737 ng/ul
RT: 8.922 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP015566.D
Acq: 15 Jun 2023 20:58

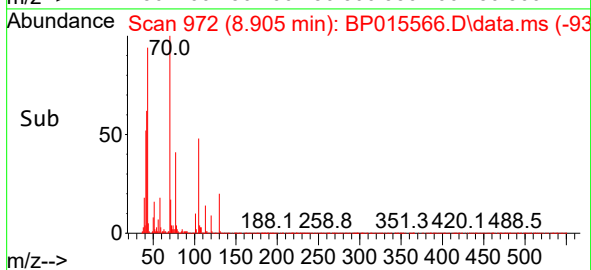
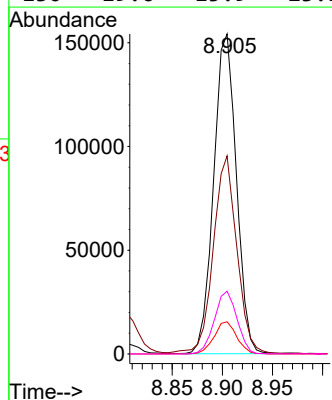
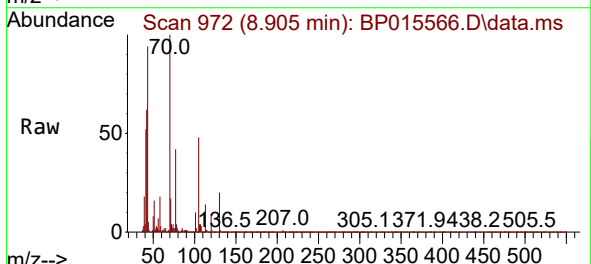
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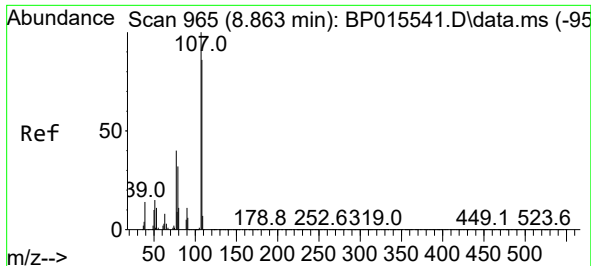
Tgt Ion:105 Resp: 451016
Ion Ratio Lower Upper
105 100
77 83.1 64.9 97.3
51 30.4 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 36.590 ng/ul
RT: 8.905 min Scan# 972
Delta R.T. 0.000 min
Lab File: BP015566.D
Acq: 15 Jun 2023 20:58

Tgt Ion: 70 Resp: 242454
Ion Ratio Lower Upper
70 100
42 61.9 46.6 69.8
101 10.0 7.8 11.6
130 19.6 15.9 23.9

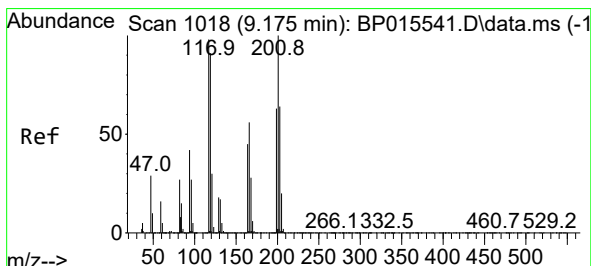
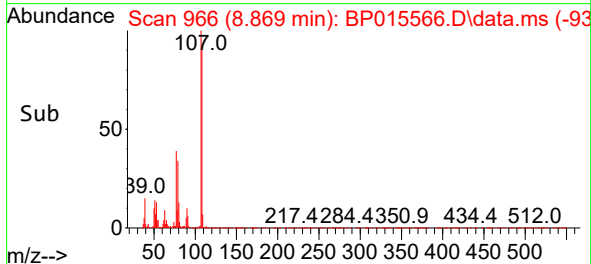
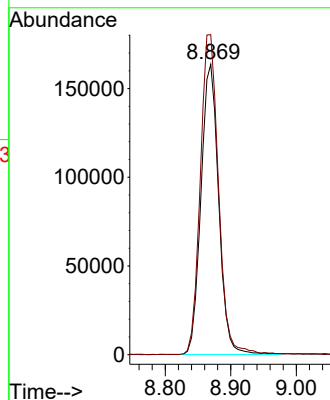
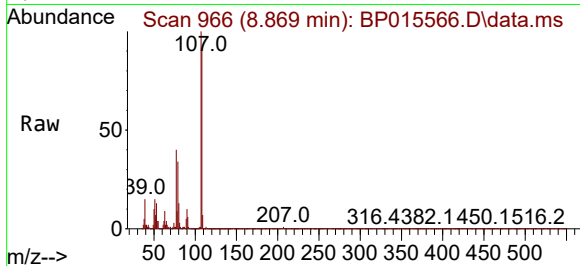




#18
4-Methylphenol
Concen: 37.559 ng/ul
RT: 8.869 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP015566.D
Acq: 15 Jun 2023 20:58

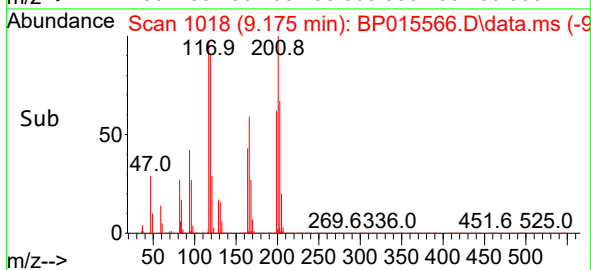
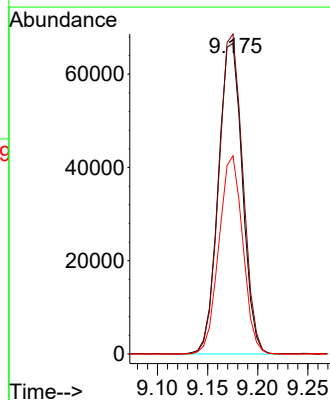
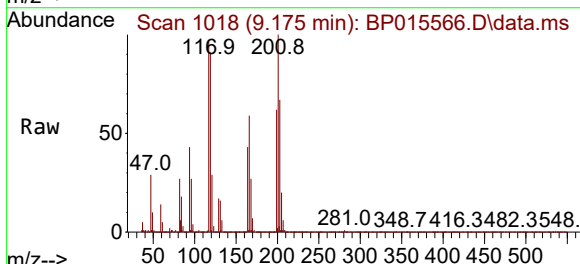
Instrument :
BNA_P
ClientSampleId :
SLCS388

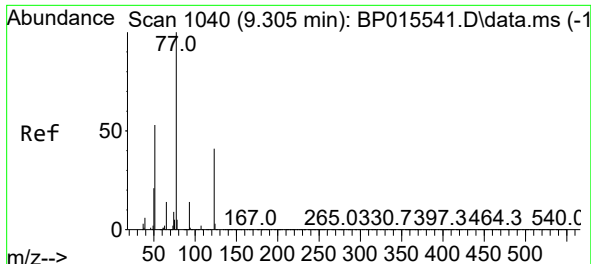
Tgt Ion:108 Resp: 307468
Ion Ratio Lower Upper
108 100
107 110.2 89.3 133.9



#19
Hexachloroethane
Concen: 36.749 ng/ul
RT: 9.175 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BP015566.D
Acq: 15 Jun 2023 20:58

Tgt Ion:117 Resp: 111506
Ion Ratio Lower Upper
117 100
201 103.0 82.8 124.2
199 63.8 50.6 76.0

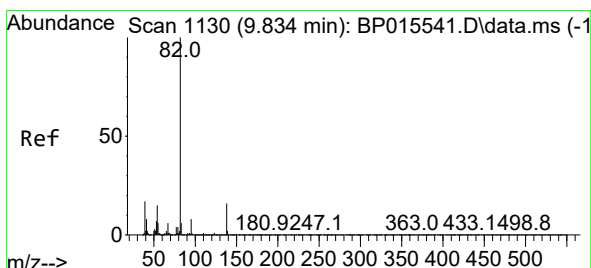
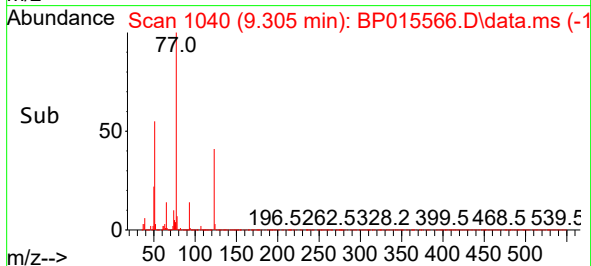
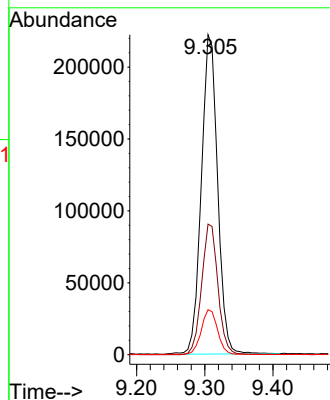
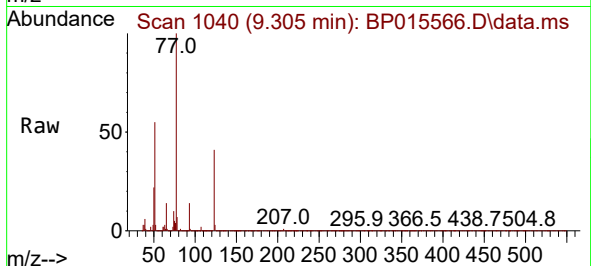




#22
Nitrobenzene
Concen: 37.024 ng/ul
RT: 9.305 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BP015566.D
Acq: 15 Jun 2023 20:58

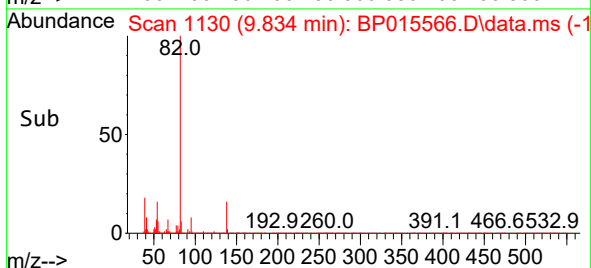
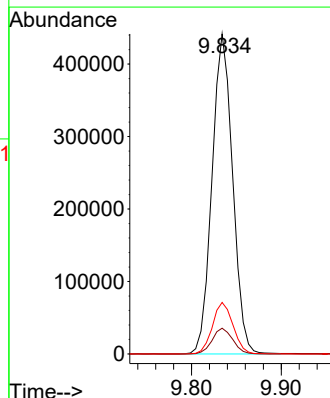
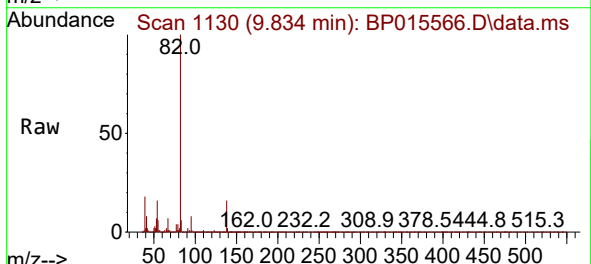
Instrument :
BNA_P
ClientSampleId :
SLCS388

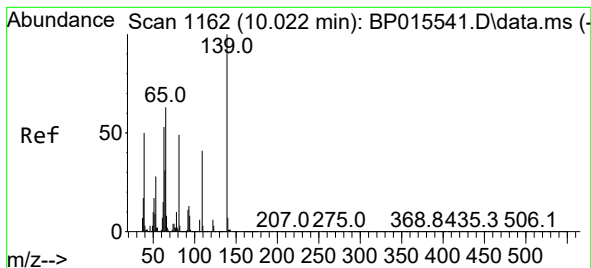
Tgt Ion: 77 Resp: 367945
Ion Ratio Lower Upper
77 100
123 40.8 33.5 50.3
65 14.1 11.6 17.4



#23
Isophorone
Concen: 35.403 ng/ul
RT: 9.834 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BP015566.D
Acq: 15 Jun 2023 20:58

Tgt Ion: 82 Resp: 704301
Ion Ratio Lower Upper
82 100
95 8.0 5.8 8.8
138 16.1 13.1 19.7

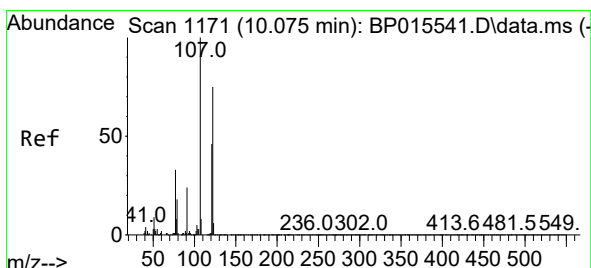
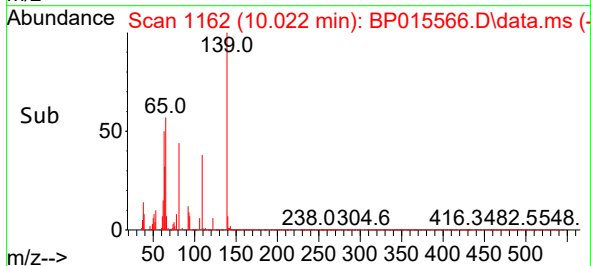
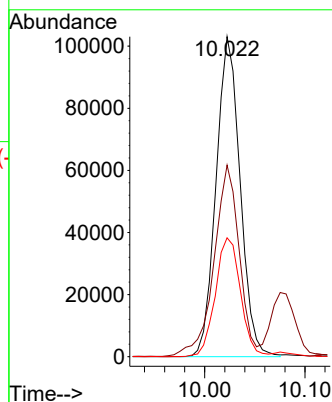
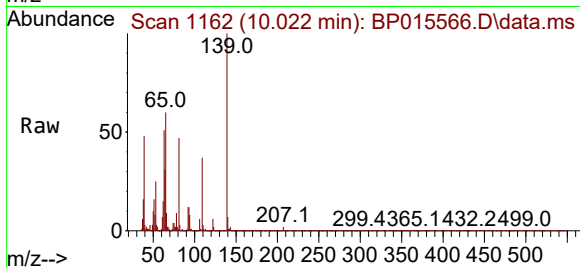




#25
2-Nitrophenol
Concen: 37.086 ng/ul
RT: 10.022 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BP015566.D
Acq: 15 Jun 2023 20:58

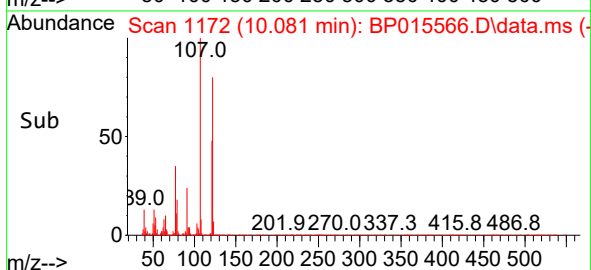
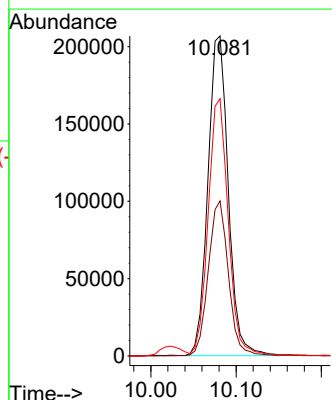
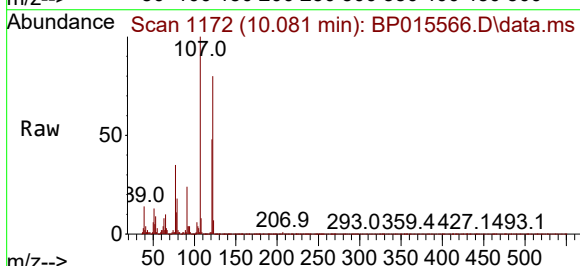
Instrument :
BNA_P
ClientSampleId :
SLCS388

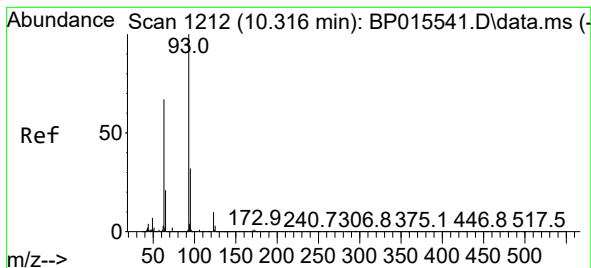
Tgt Ion:139 Resp: 171354
Ion Ratio Lower Upper
139 100
65 59.9 46.9 70.3
109 37.1 30.2 45.2



#26
2,4-Dimethylphenol
Concen: 35.093 ng/ul
RT: 10.081 min Scan# 1172
Delta R.T. 0.006 min
Lab File: BP015566.D
Acq: 15 Jun 2023 20:58

Tgt Ion:107 Resp: 343861
Ion Ratio Lower Upper
107 100
121 48.4 39.0 58.6
122 80.4 64.8 97.2

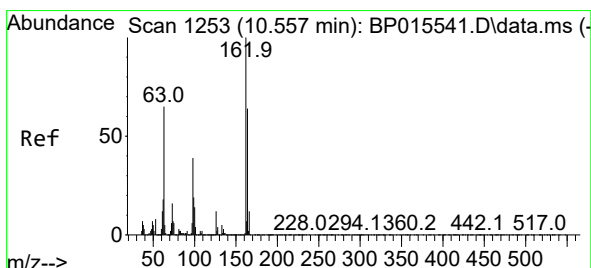
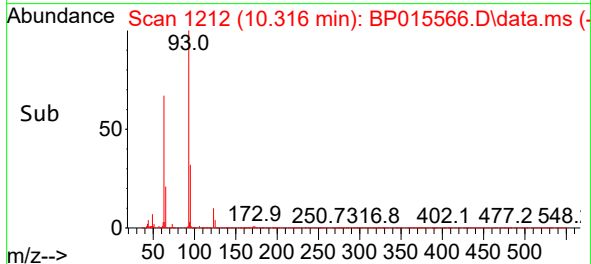
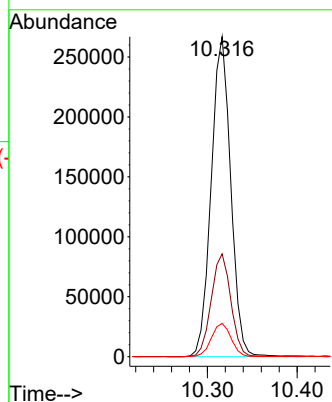
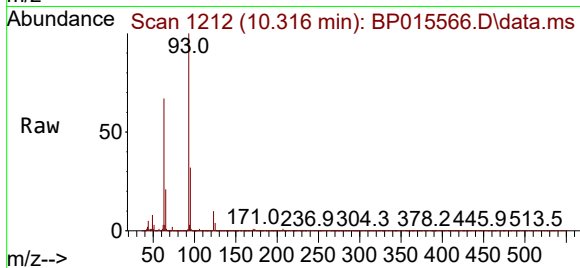




#27
Bis(2-Chloroethoxy)methane
Concen: 34.777 ng/ul
RT: 10.316 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BP015566.D
Acq: 15 Jun 2023 20:58

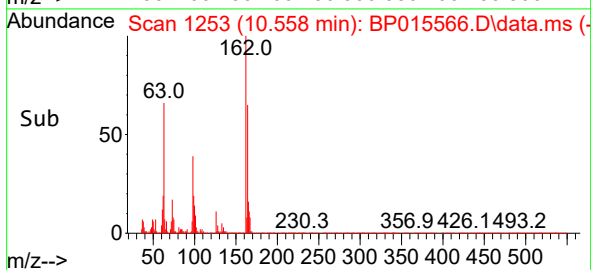
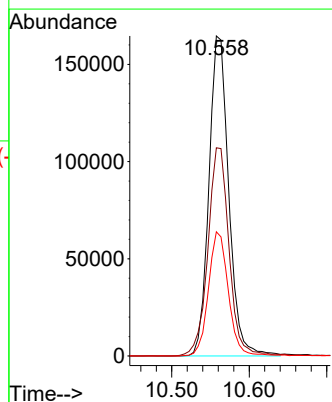
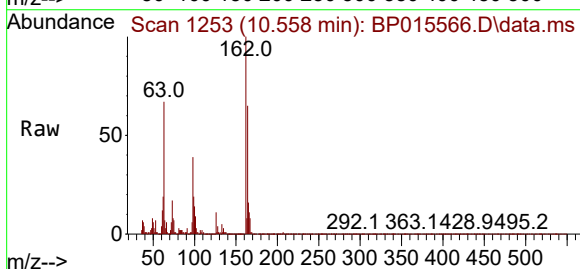
Instrument :
BNA_P
ClientSampleId :
SLCS388

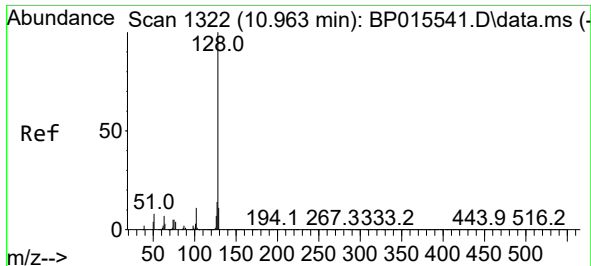
Tgt Ion: 93 Resp: 402230
Ion Ratio Lower Upper
93 100
95 32.1 25.7 38.5
123 10.4 8.6 13.0



#29
2,4-Dichlorophenol
Concen: 37.722 ng/ul
RT: 10.558 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BP015566.D
Acq: 15 Jun 2023 20:58

Tgt Ion: 162 Resp: 292791
Ion Ratio Lower Upper
162 100
164 65.1 50.6 76.0
98 38.8 30.2 45.2

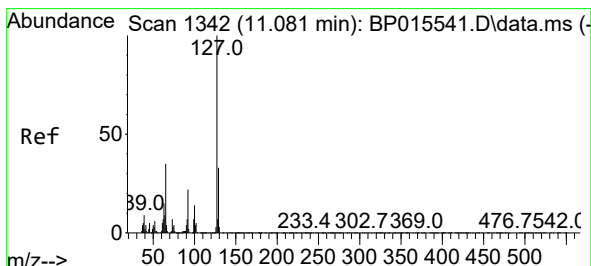
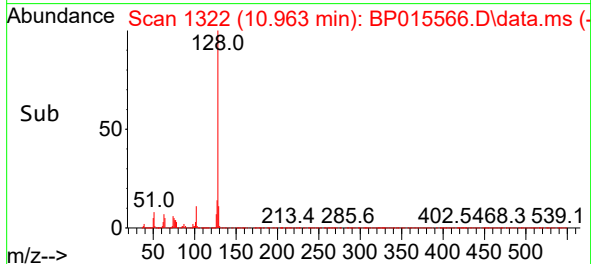
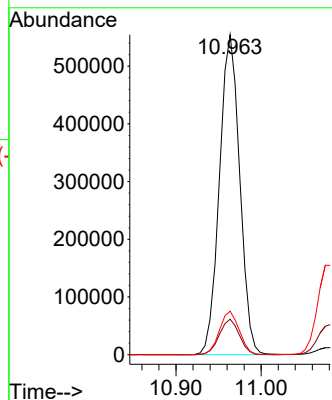
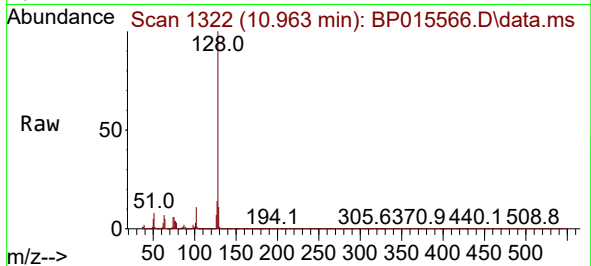




#30
Naphthalene
Concen: 35.504 ng/ul
RT: 10.963 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BP015566.D
Acq: 15 Jun 2023 20:58

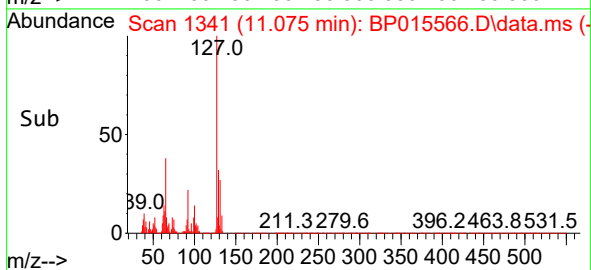
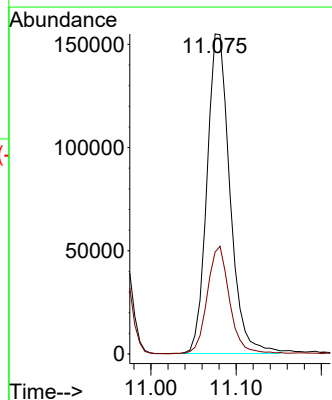
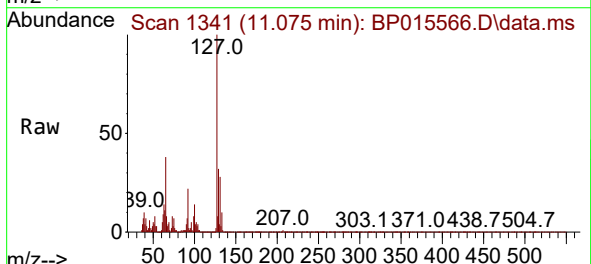
Instrument :
BNA_P
ClientSampleId :
SLCS388

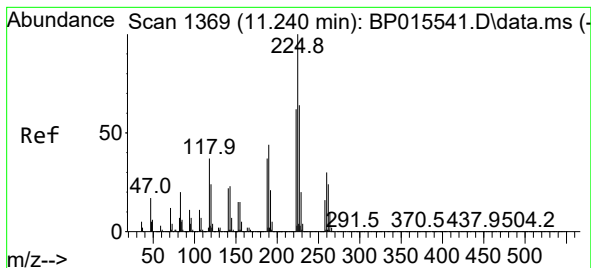
Tgt Ion:128 Resp: 918317
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.6 10.5 15.7



#32
4-Chloroaniline
Concen: 24.973 ng/ul
RT: 11.075 min Scan# 1341
Delta R.T. -0.006 min
Lab File: BP015566.D
Acq: 15 Jun 2023 20:58

Tgt Ion:127 Resp: 289545
Ion Ratio Lower Upper
127 100
129 31.8 26.1 39.1





#33

Hexachlorobutadiene

Concen: 36.746 ng/ul

RT: 11.240 min Scan# 1369

Delta R.T. 0.000 min

Lab File: BP015566.D

Acq: 15 Jun 2023 20:58

Instrument :

BNA_P

ClientSampleId :

SLCS388

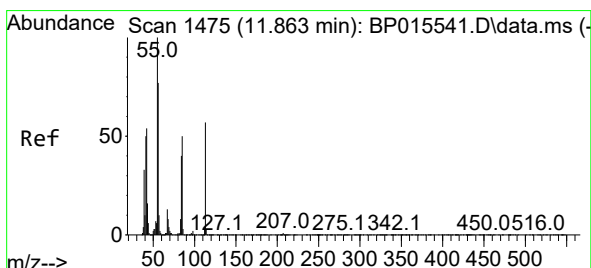
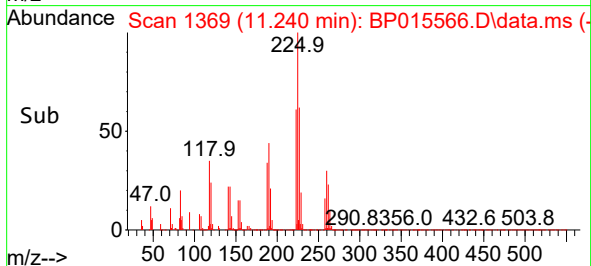
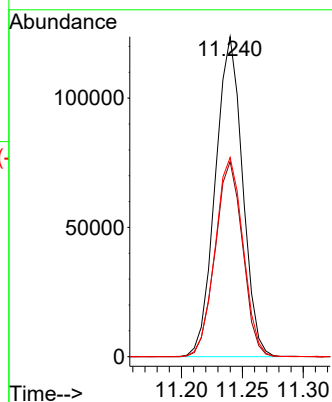
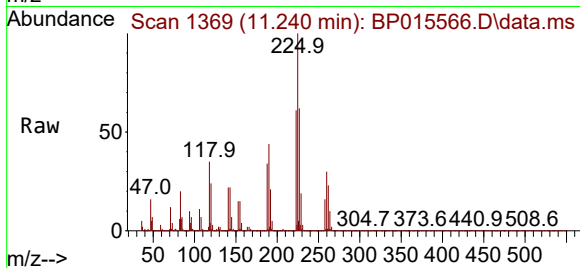
Tgt Ion:225 Resp: 192349

Ion Ratio Lower Upper

225 100

223 60.9 52.0 78.0

227 62.3 50.6 75.8



#34

Caprolactam

Concen: 36.236 ng/ul

RT: 11.863 min Scan# 1475

Delta R.T. 0.000 min

Lab File: BP015566.D

Acq: 15 Jun 2023 20:58

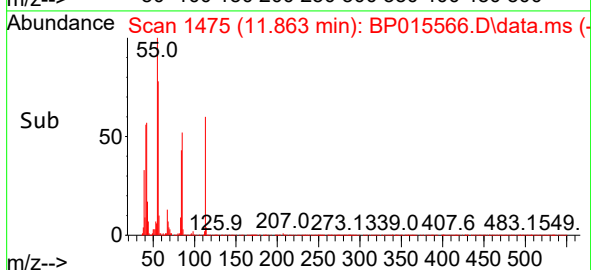
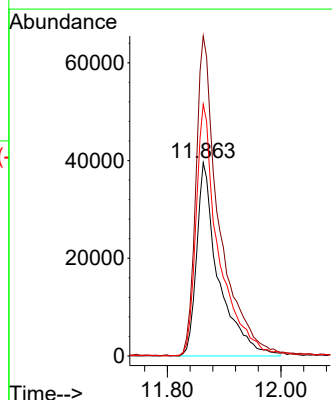
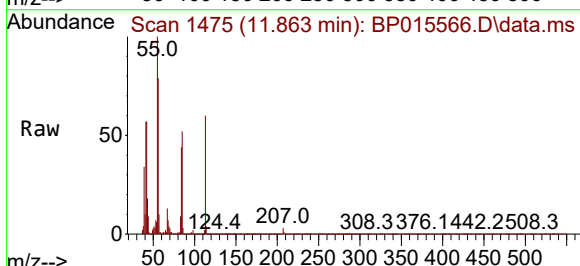
Tgt Ion:113 Resp: 105877

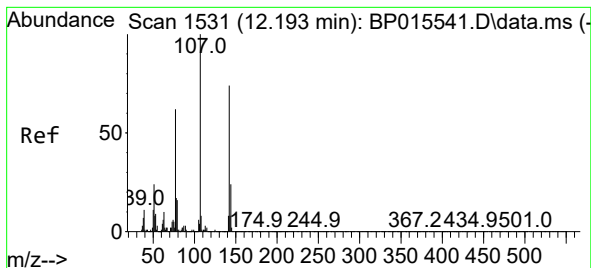
Ion Ratio Lower Upper

113 100

55 165.6 127.9 191.9

56 130.3 101.1 151.7

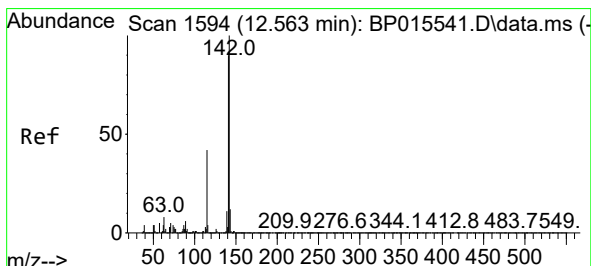
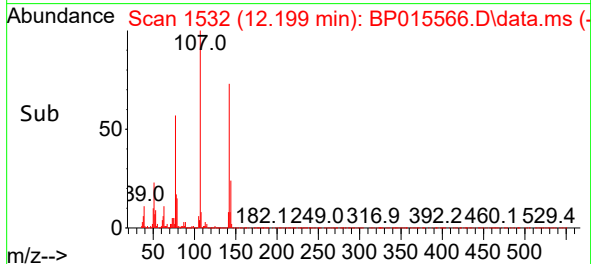
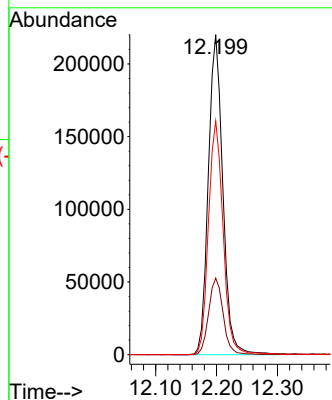
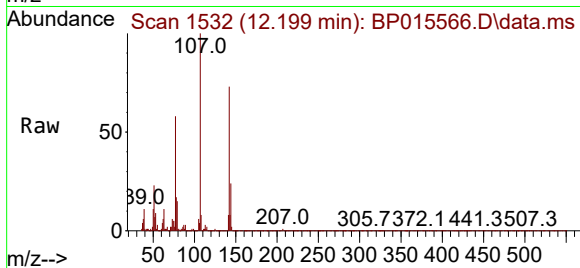




#35
4-Chloro-3-methylphenol
Concen: 38.790 ng/ul
RT: 12.199 min Scan# 1531
Delta R.T. 0.006 min
Lab File: BP015566.D
Acq: 15 Jun 2023 20:58

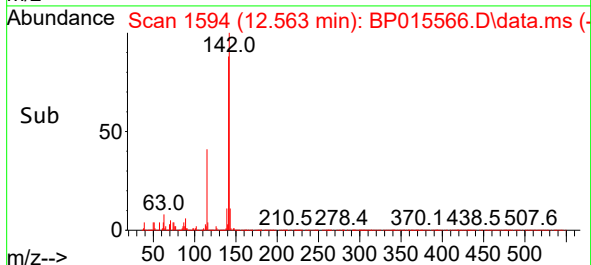
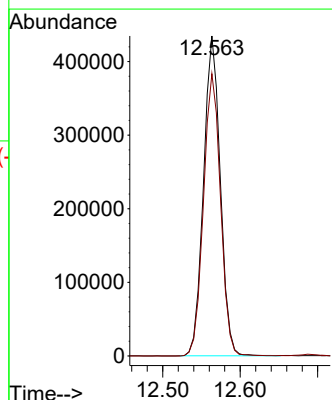
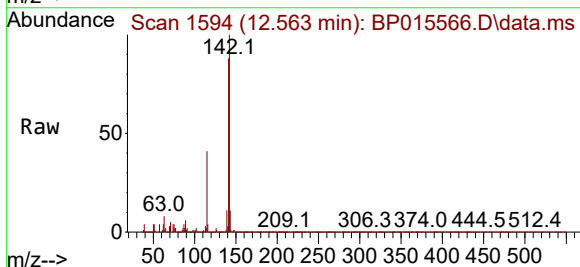
Instrument :
BNA_P
ClientSampleId :
SLCS388

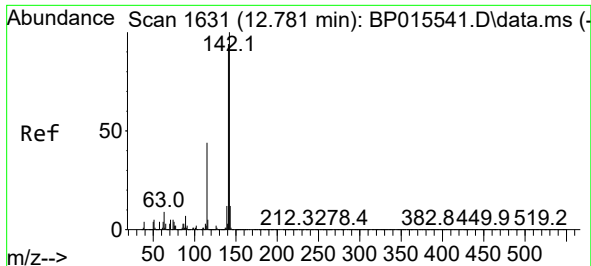
Tgt Ion:107 Resp: 364794
Ion Ratio Lower Upper
107 100
144 23.9 19.4 29.0
142 73.1 60.4 90.6



#36
2-Methylnaphthalene
Concen: 35.808 ng/ul
RT: 12.563 min Scan# 1594
Delta R.T. 0.000 min
Lab File: BP015566.D
Acq: 15 Jun 2023 20:58

Tgt Ion:142 Resp: 651095
Ion Ratio Lower Upper
142 100
141 88.2 72.0 108.0





#37

1-Methylnaphthalene

Concen: 35.452 ng/ul

RT: 12.781 min Scan# 1631

Delta R.T. 0.000 min

Lab File: BP015566.D

Acq: 15 Jun 2023 20:58

Instrument :

BNA_P

ClientSampleId :

SLCS388

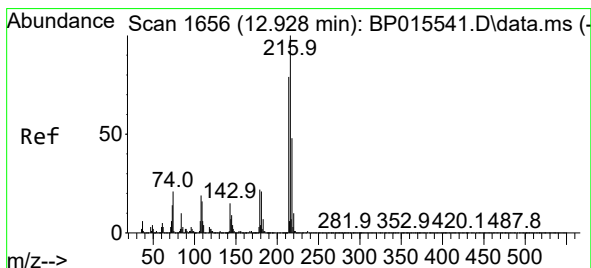
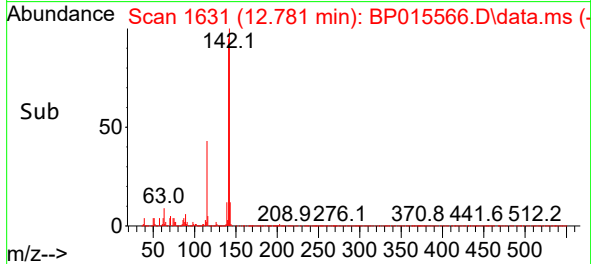
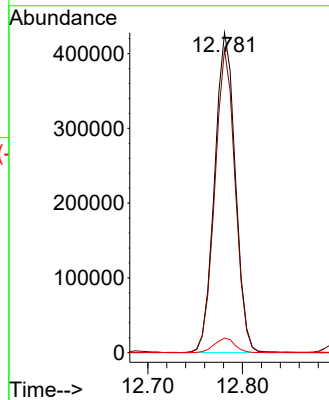
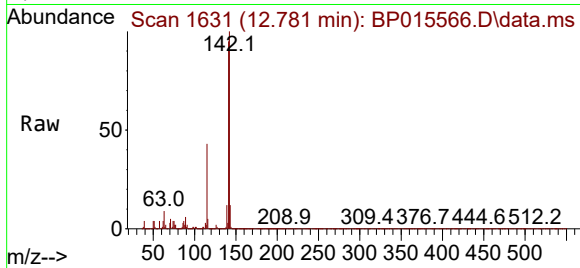
Tgt Ion:142 Resp: 649046

Ion Ratio Lower Upper

142 100

141 94.8 71.9 107.9

116 4.6 3.4 5.2



#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.423 ng/ul

RT: 12.928 min Scan# 1656

Delta R.T. 0.000 min

Lab File: BP015566.D

Acq: 15 Jun 2023 20:58

Tgt Ion:216 Resp: 376267

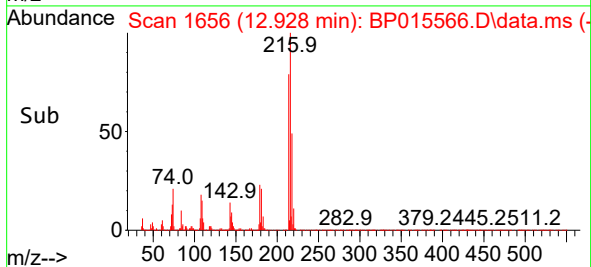
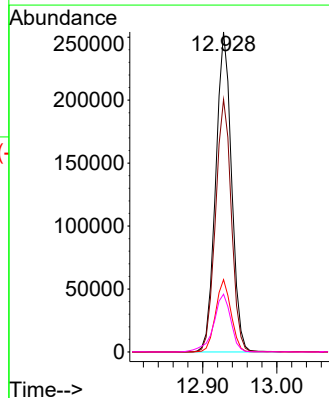
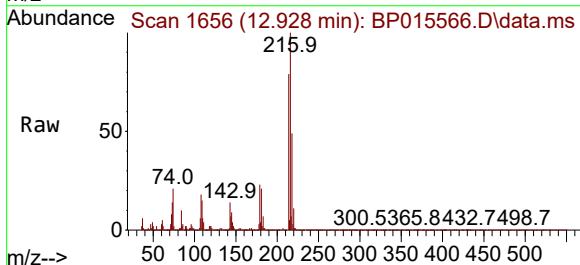
Ion Ratio Lower Upper

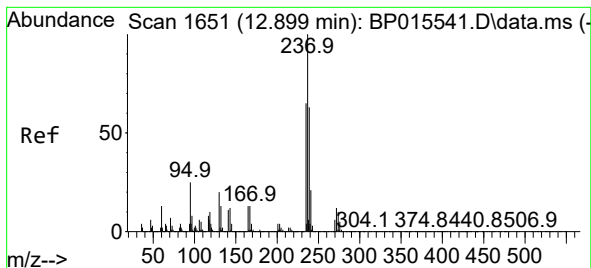
216 100

214 78.9 62.2 93.2

179 22.6 17.4 26.2

108 18.0 14.2 21.4





#40

Hexachlorocyclopentadiene

Concen: 32.579 ng/ul

RT: 12.899 min Scan# 1651

Delta R.T. 0.000 min

Lab File: BP015566.D

Acq: 15 Jun 2023 20:58

Instrument :

BNA_P

ClientSampleId :

SLCS388

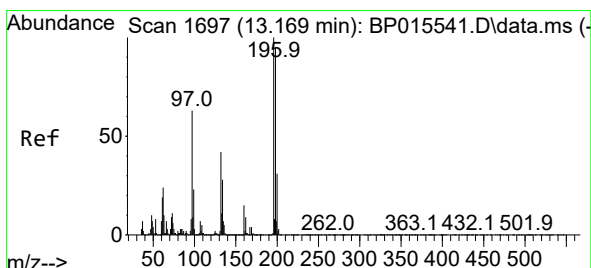
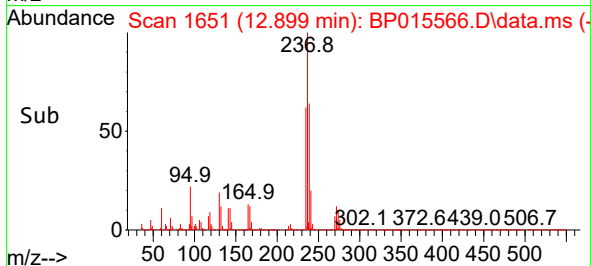
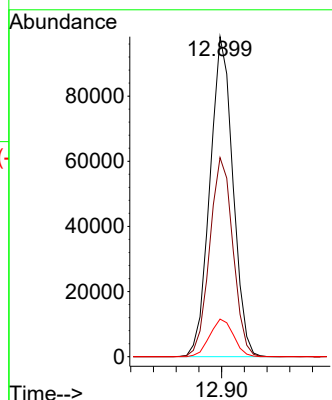
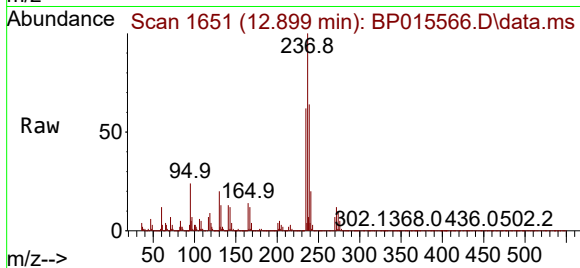
Tgt Ion:237 Resp: 137960

Ion Ratio Lower Upper

237 100

235 62.2 48.2 72.2

272 11.7 10.3 15.5



#41

2,4,6-Trichlorophenol

Concen: 35.170 ng/ul

RT: 13.169 min Scan# 1697

Delta R.T. 0.000 min

Lab File: BP015566.D

Acq: 15 Jun 2023 20:58

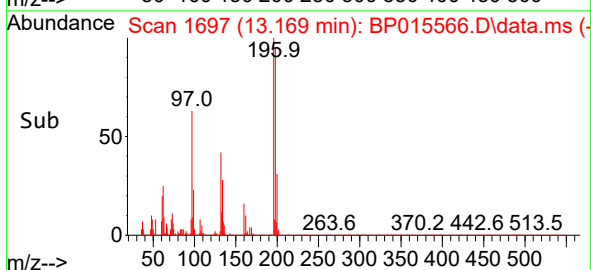
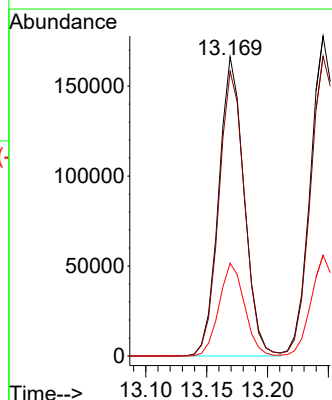
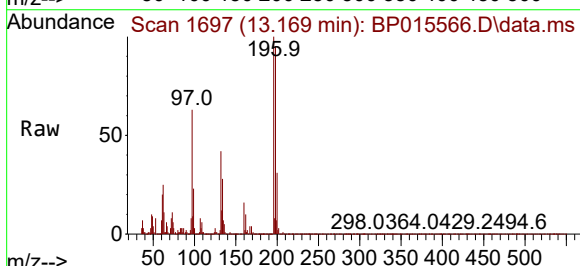
Tgt Ion:196 Resp: 241817

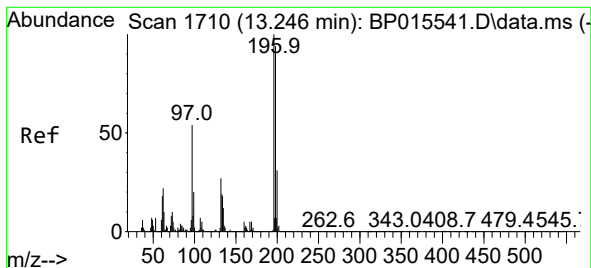
Ion Ratio Lower Upper

196 100

198 95.2 77.8 116.6

200 31.0 25.8 38.6





#42

2,4,5-Trichlorophenol

Concen: 37.061 ng/ul

RT: 13.246 min Scan# 1710

Delta R.T. 0.000 min

Lab File: BP015566.D

Acq: 15 Jun 2023 20:58

Instrument :

BNA_P

ClientSampleId :

SLCS388

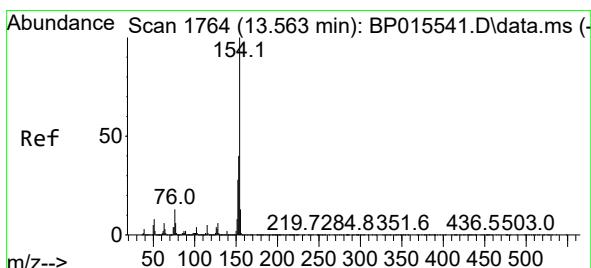
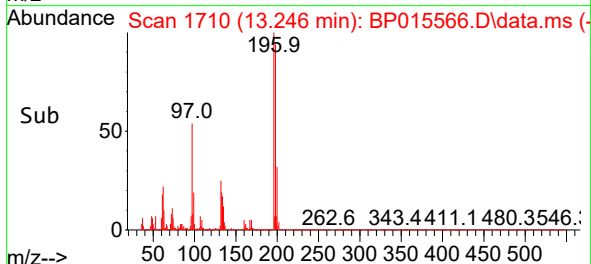
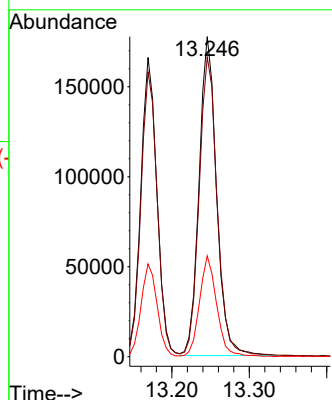
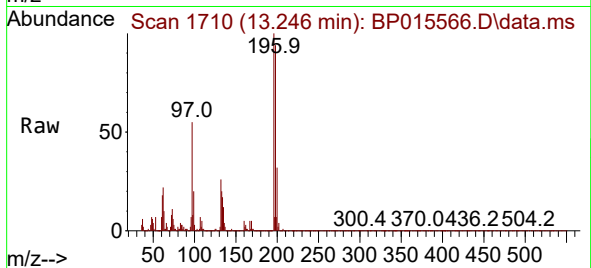
Tgt Ion:196 Resp: 277681

Ion Ratio Lower Upper

196 100

198 93.6 75.5 113.3

200 31.5 24.7 37.1



#43

1,1'-Biphenyl

Concen: 35.391 ng/ul

RT: 13.563 min Scan# 1764

Delta R.T. 0.000 min

Lab File: BP015566.D

Acq: 15 Jun 2023 20:58

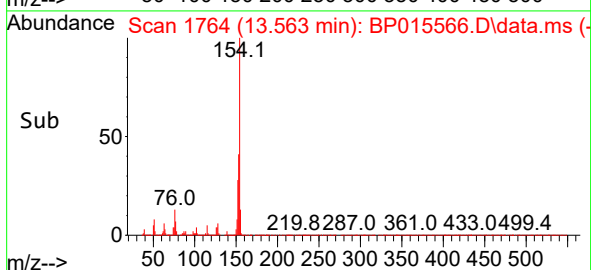
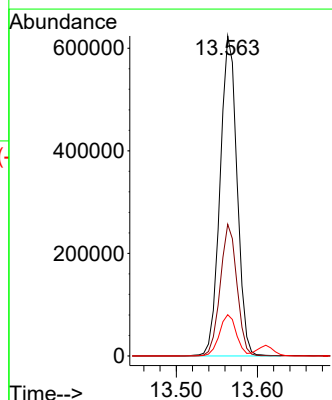
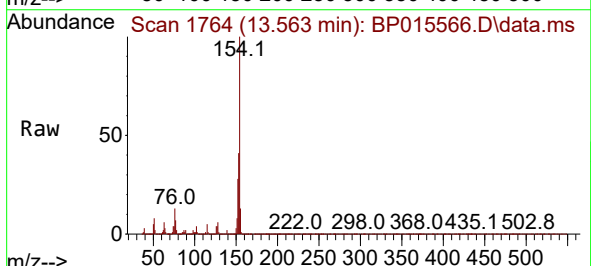
Tgt Ion:154 Resp: 907981

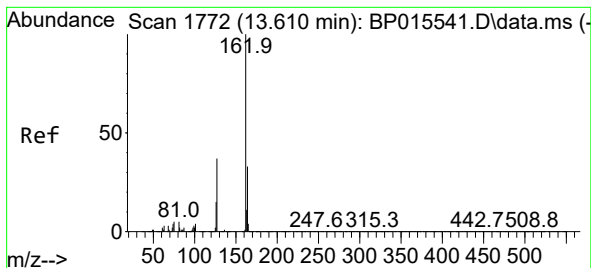
Ion Ratio Lower Upper

154 100

153 41.2 32.2 48.2

76 12.9 10.4 15.6

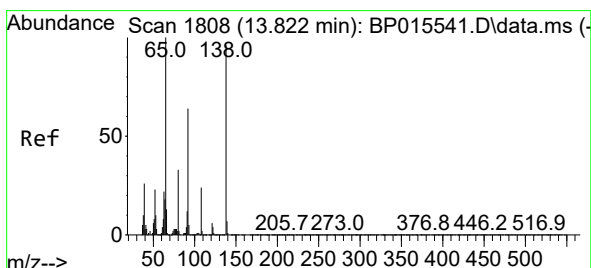
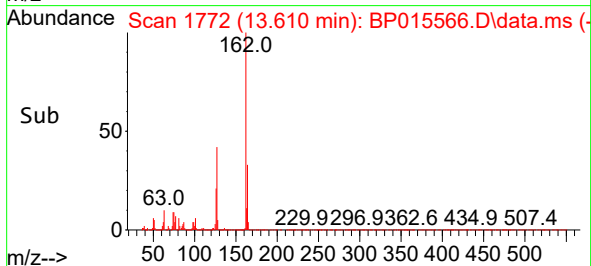
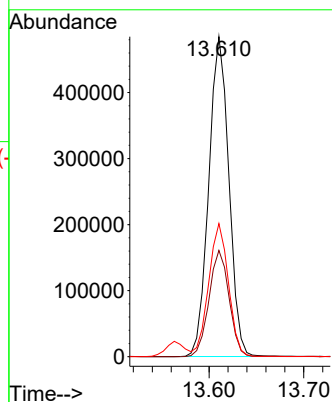
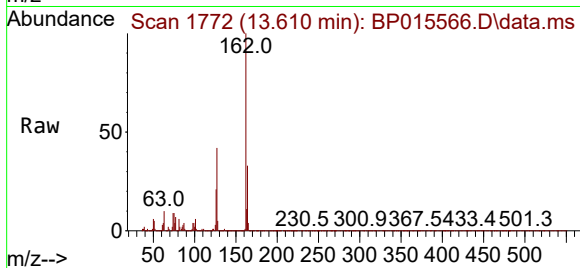




#44
2-Chloronaphthalene
Concen: 35.454 ng/ul
RT: 13.610 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BP015566.D
Acq: 15 Jun 2023 20:58

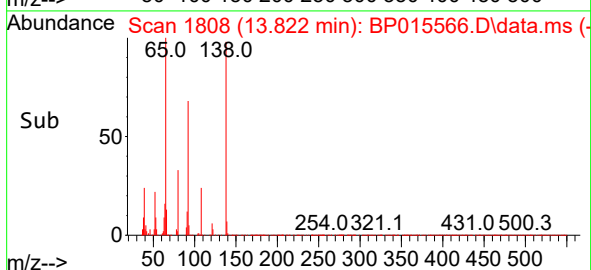
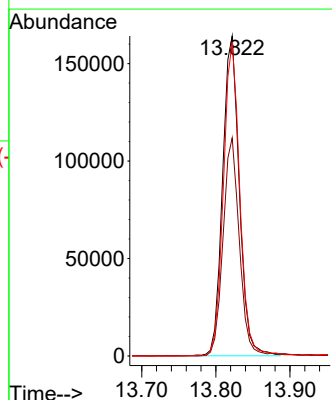
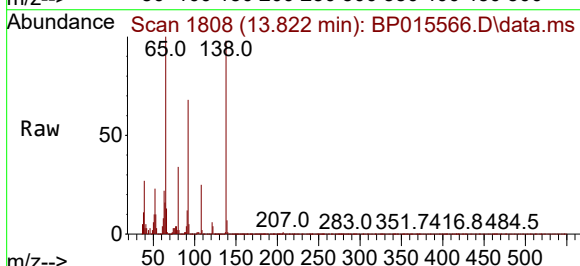
Instrument :
BNA_P
ClientSampleId :
SLCS388

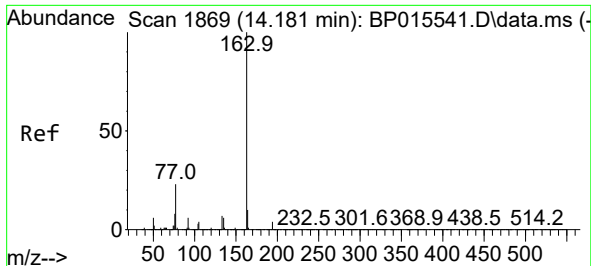
Tgt Ion:162 Resp: 713644
Ion Ratio Lower Upper
162 100
164 33.2 27.0 40.6
127 41.6 32.2 48.4



#45
2-Nitroaniline
Concen: 39.820 ng/ul
RT: 13.822 min Scan# 1808
Delta R.T. 0.000 min
Lab File: BP015566.D
Acq: 15 Jun 2023 20:58

Tgt Ion: 65 Resp: 256529
Ion Ratio Lower Upper
65 100
92 68.2 55.4 83.2
138 98.1 78.8 118.2

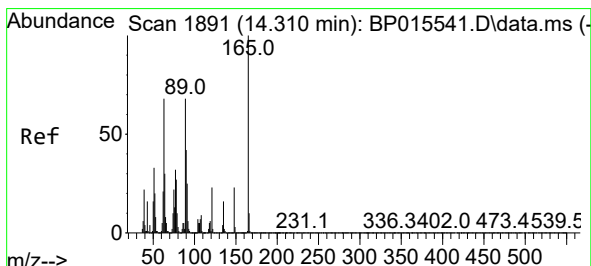
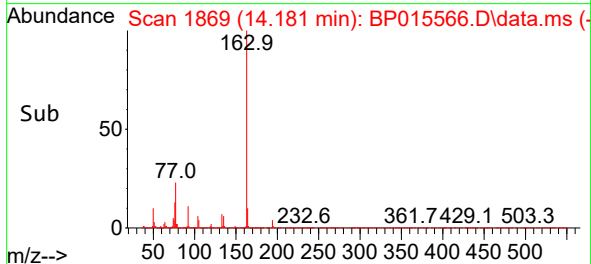
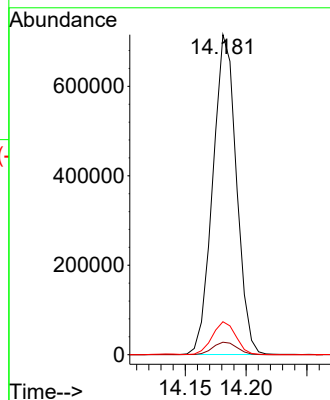
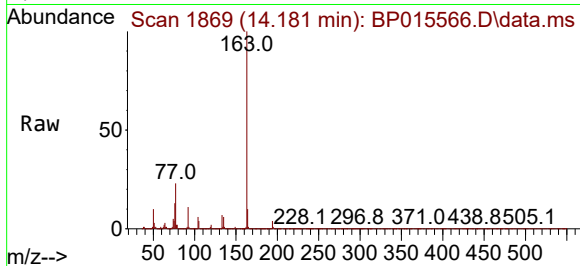




#47
Dimethylphthalate
Concen: 35.807 ng/ul
RT: 14.181 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BP015566.D
Acq: 15 Jun 2023 20:58

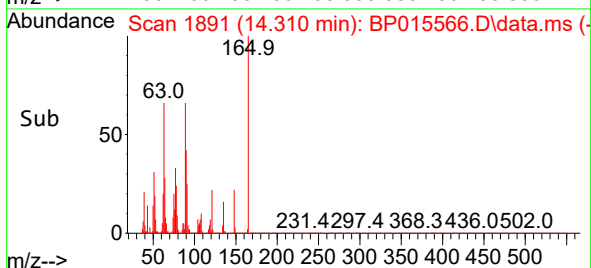
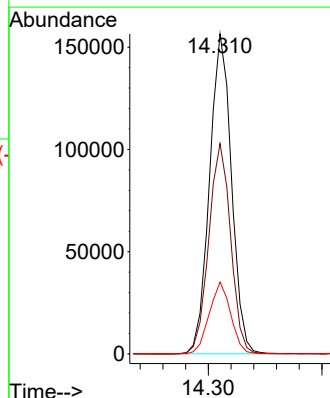
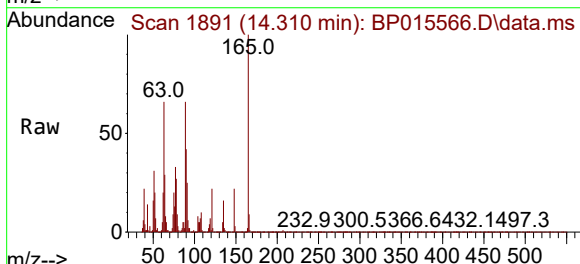
Instrument :
BNA_P
ClientSampleId :
SLCS388

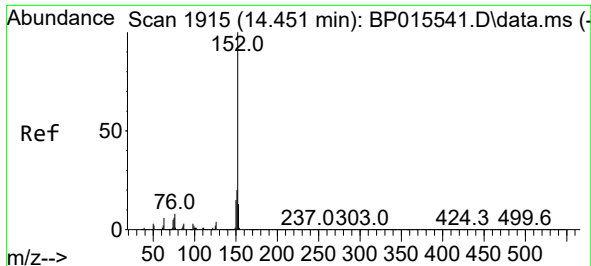
Tgt Ion:163 Resp: 967183
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.3 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 37.873 ng/ul
RT: 14.310 min Scan# 1891
Delta R.T. 0.000 min
Lab File: BP015566.D
Acq: 15 Jun 2023 20:58

Tgt Ion:165 Resp: 209588
Ion Ratio Lower Upper
165 100
89 65.8 51.5 77.3
121 22.5 17.3 25.9

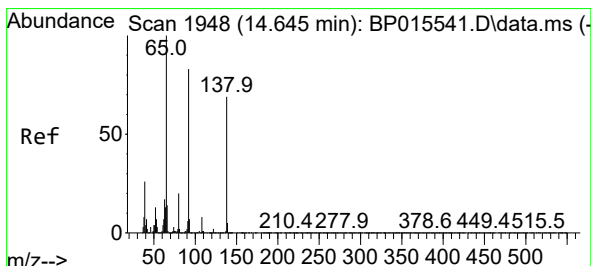
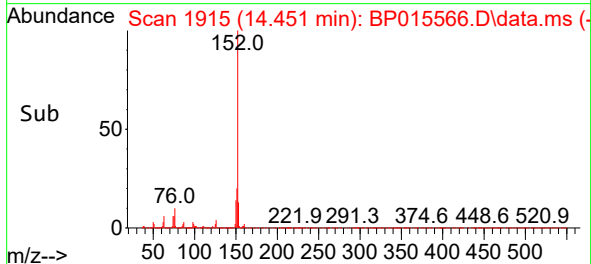
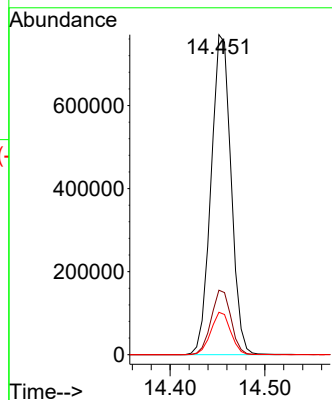
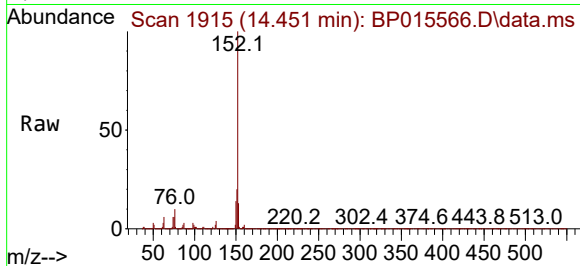




#50
Acenaphthylene
Concen: 35.603 ng/ul
RT: 14.451 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP015566.D
Acq: 15 Jun 2023 20:58

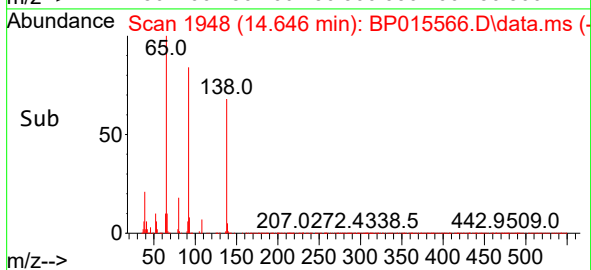
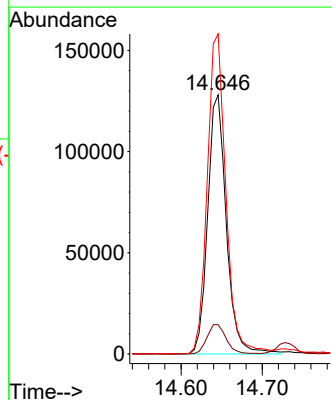
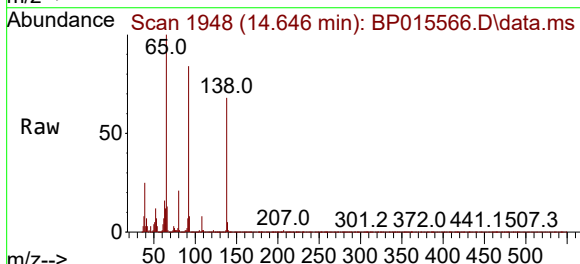
Instrument :
BNA_P
ClientSampleId :
SLCS388

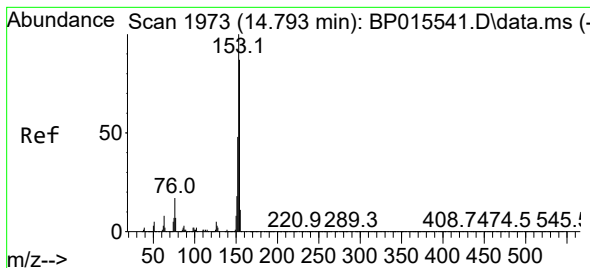
Tgt Ion:152 Resp: 1127838
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.3 10.6 15.8



#51
3-Nitroaniline
Concen: 44.593 ng/ul
RT: 14.646 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP015566.D
Acq: 15 Jun 2023 20:58

Tgt Ion:138 Resp: 203716
Ion Ratio Lower Upper
138 100
108 11.3 8.4 12.6
92 123.6 98.0 147.0





#52

Acenaphthene

Concen: 35.848 ng/ul

RT: 14.793 min Scan# 1973

Delta R.T. 0.000 min

Lab File: BP015566.D

Acq: 15 Jun 2023 20:58

Instrument :

BNA_P

ClientSampleId :

SLCS388

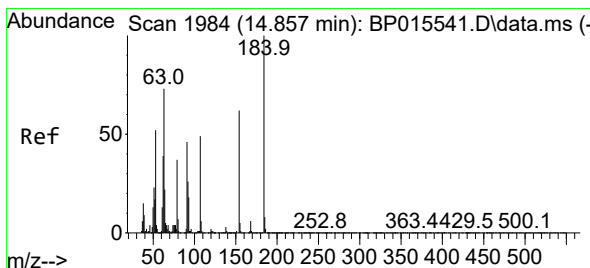
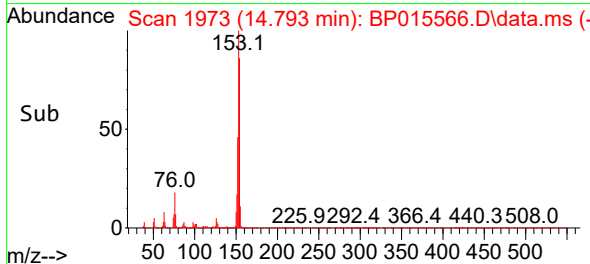
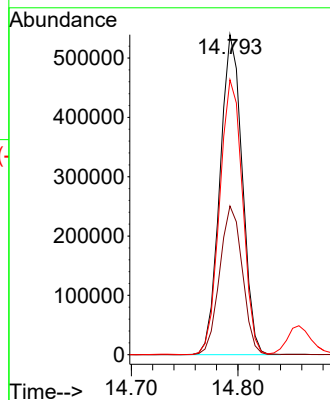
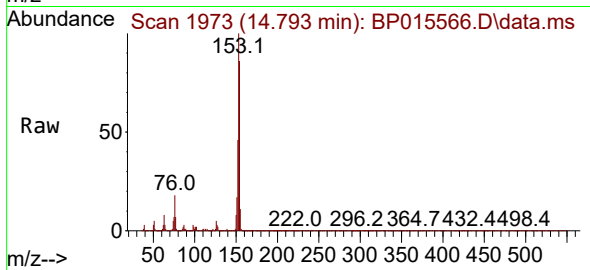
Tgt Ion:153 Resp: 784981

Ion Ratio Lower Upper

153 100

152 46.5 38.3 57.5

154 85.9 69.8 104.6



#53

2,4-Dinitrophenol

Concen: 33.493 ng/ul

RT: 14.857 min Scan# 1984

Delta R.T. 0.000 min

Lab File: BP015566.D

Acq: 15 Jun 2023 20:58

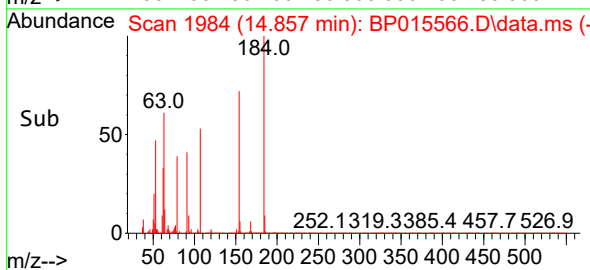
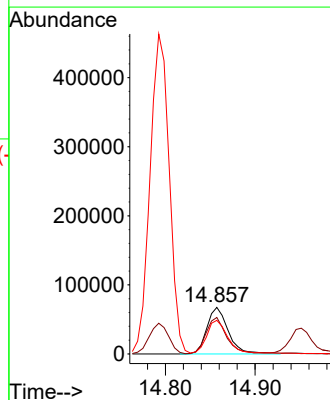
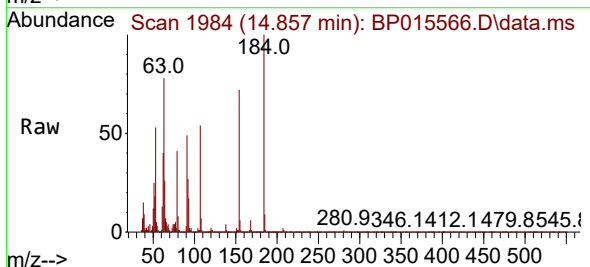
Tgt Ion:184 Resp: 111495

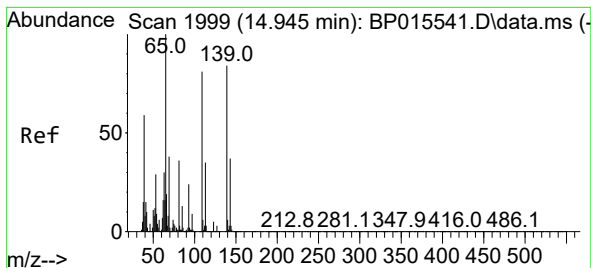
Ion Ratio Lower Upper

184 100

63 78.3 59.0 88.4

154 72.3 57.6 86.4

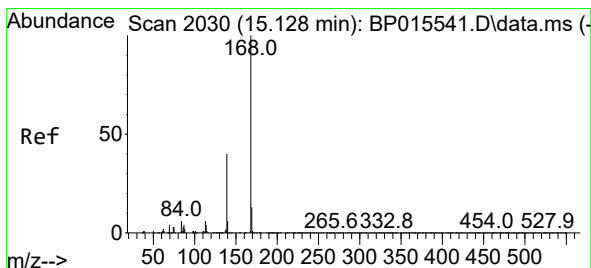
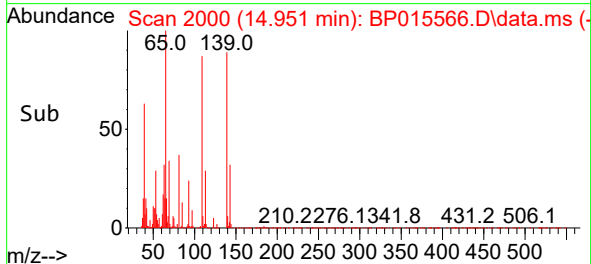
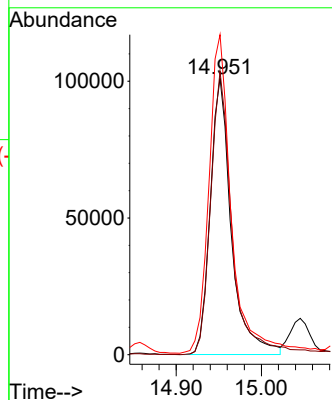
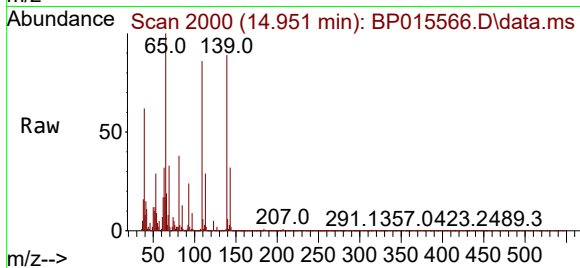




#55
4-Nitrophenol
Concen: 38.345 ng/ul
RT: 14.951 min Scan# 2000
Delta R.T. 0.006 min
Lab File: BP015566.D
Acq: 15 Jun 2023 20:58

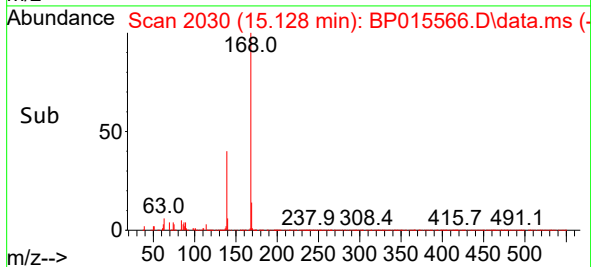
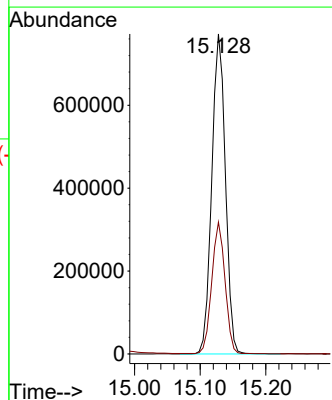
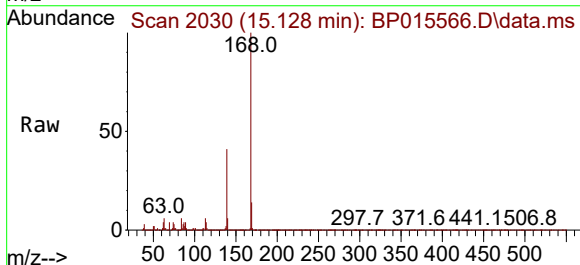
Instrument :
BNA_P
ClientSampleId :
SLCS388

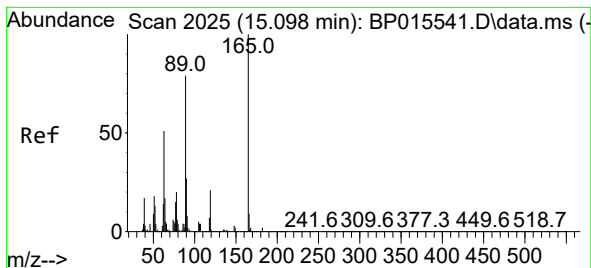
Tgt Ion:109 Resp: 173276
Ion Ratio Lower Upper
109 100
139 102.6 89.1 133.7
65 115.8 103.1 154.7



#56
Dibenzofuran
Concen: 35.927 ng/ul
RT: 15.128 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BP015566.D
Acq: 15 Jun 2023 20:58

Tgt Ion:168 Resp: 1115028
Ion Ratio Lower Upper
168 100
139 41.2 31.2 46.8

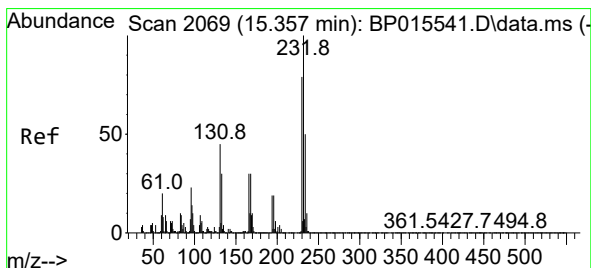
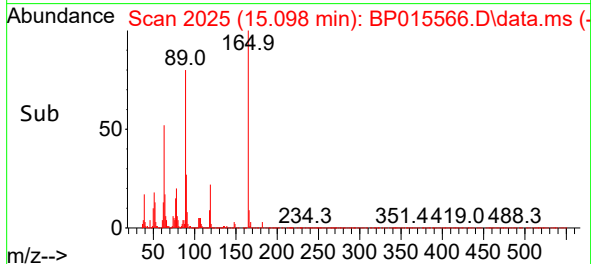
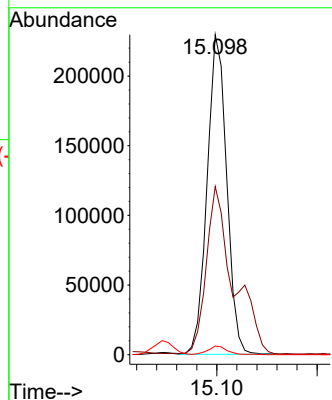
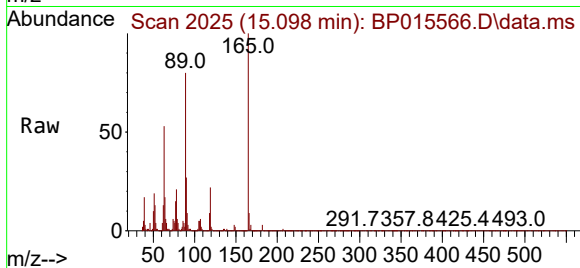




#57
2,4-Dinitrotoluene
Concen: 38.286 ng/ul
RT: 15.098 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BP015566.D
Acq: 15 Jun 2023 20:58

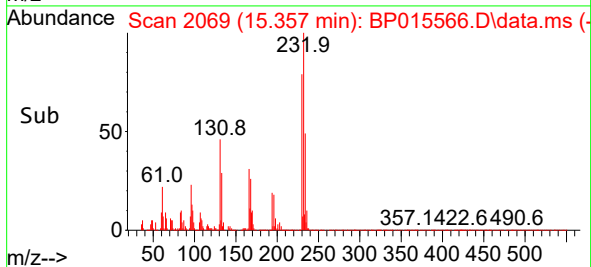
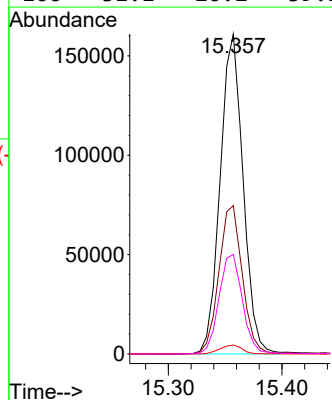
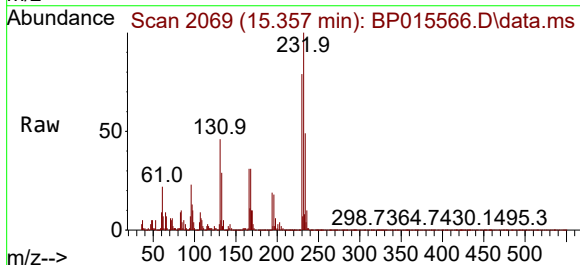
Instrument :
BNA_P
ClientSampleId :
SLCS388

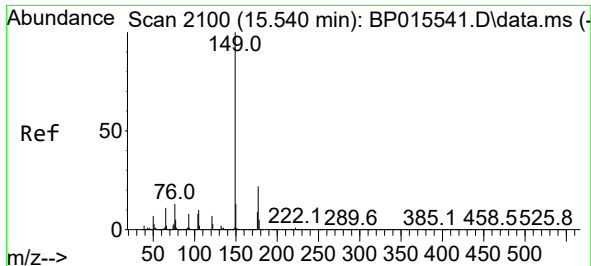
Tgt Ion:165 Resp: 311614
Ion Ratio Lower Upper
165 100
63 52.5 39.1 58.7
182 2.7 2.2 3.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 33.380 ng/ul
RT: 15.357 min Scan# 2069
Delta R.T. 0.000 min
Lab File: BP015566.D
Acq: 15 Jun 2023 20:58

Tgt Ion:232 Resp: 225817
Ion Ratio Lower Upper
232 100
131 46.4 37.8 56.8
130 2.8 1.9 2.9
166 31.1 26.2 39.2

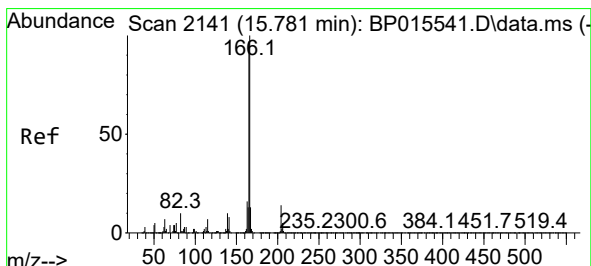
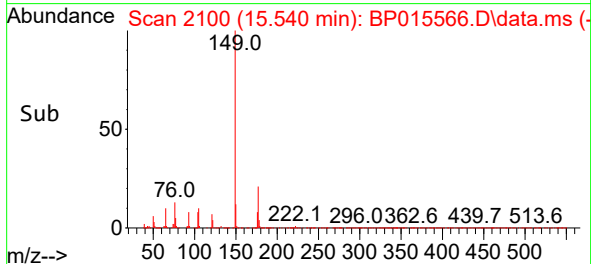
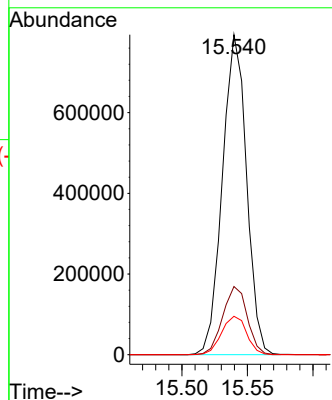
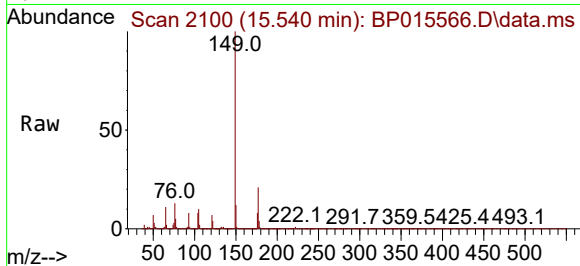




#59
Diethylphthalate
Concen: 36.673 ng/ul
RT: 15.540 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BP015566.D
Acq: 15 Jun 2023 20:58

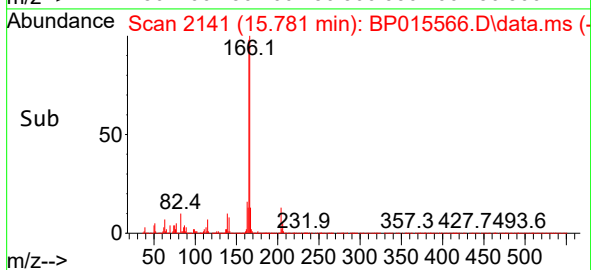
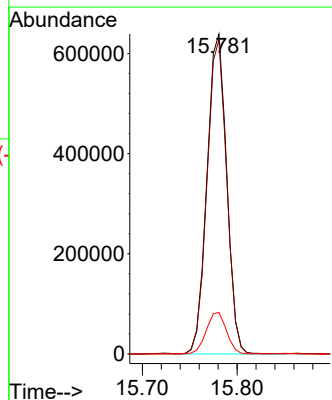
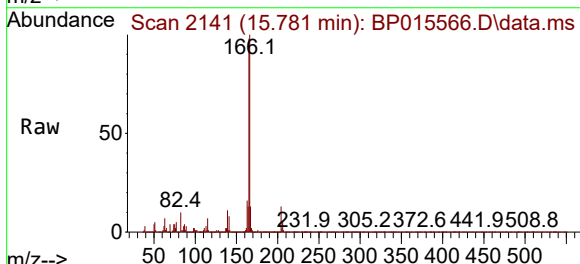
Instrument :
BNA_P
ClientSampleId :
SLCS388

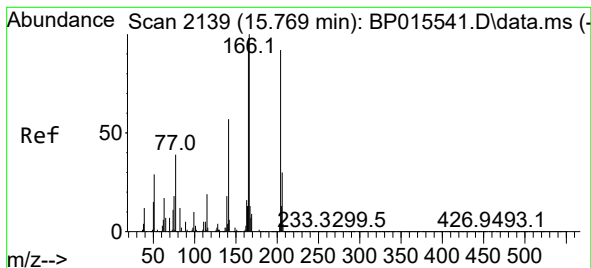
Tgt Ion:149 Resp: 1015220
Ion Ratio Lower Upper
149 100
177 21.3 17.8 26.8
150 12.0 10.1 15.1



#61
Fluorene
Concen: 36.391 ng/ul
RT: 15.781 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BP015566.D
Acq: 15 Jun 2023 20:58

Tgt Ion:166 Resp: 920695
Ion Ratio Lower Upper
166 100
165 98.1 79.1 118.7
167 13.0 10.6 16.0

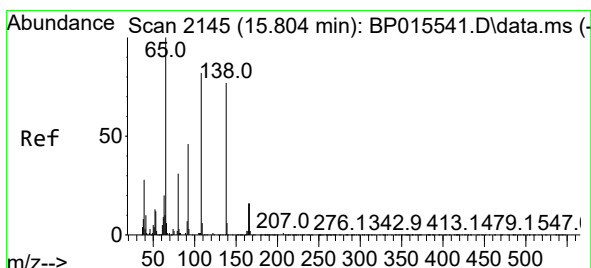
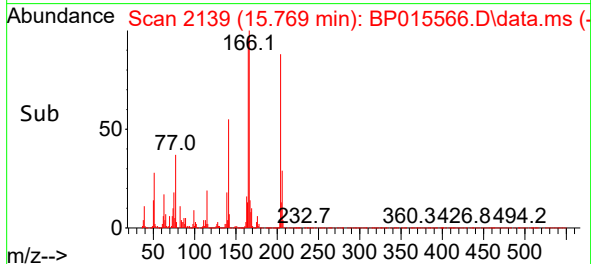
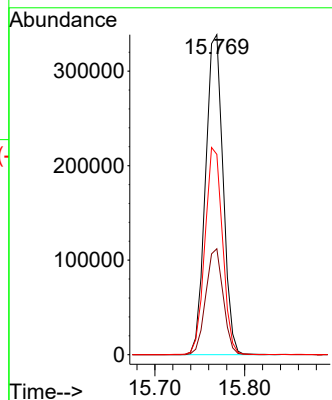
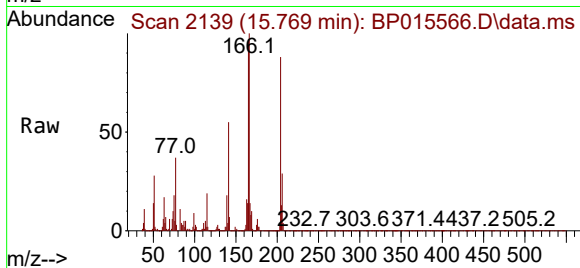




#62
4-Chlorophenyl-phenylether
Concen: 35.973 ng/ul
RT: 15.769 min Scan# 2139
Delta R.T. 0.000 min
Lab File: BP015566.D
Acq: 15 Jun 2023 20:58

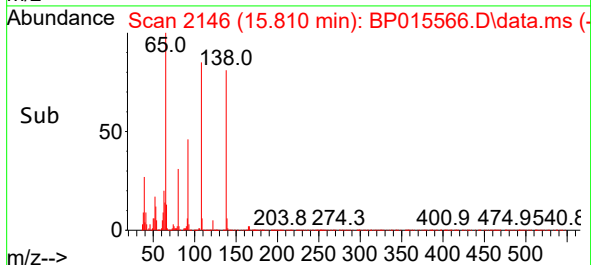
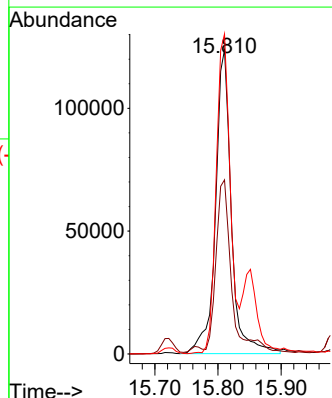
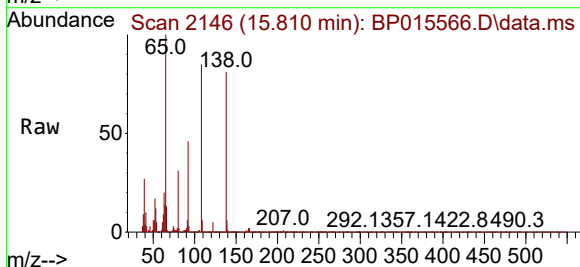
Instrument :
BNA_P
ClientSampleId :
SLCS388

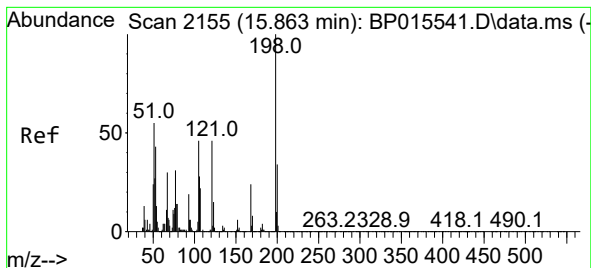
Tgt Ion:204 Resp: 458690
Ion Ratio Lower Upper
204 100
206 33.1 26.6 40.0
141 62.6 49.8 74.8



#63
4-Nitroaniline
Concen: 49.696 ng/ul
RT: 15.810 min Scan# 2146
Delta R.T. 0.006 min
Lab File: BP015566.D
Acq: 15 Jun 2023 20:58

Tgt Ion:138 Resp: 215343
Ion Ratio Lower Upper
138 100
92 57.2 44.6 67.0
108 105.1 78.4 117.6

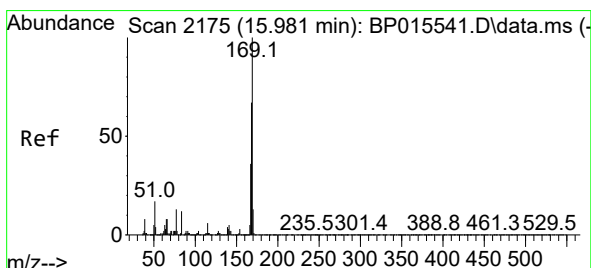
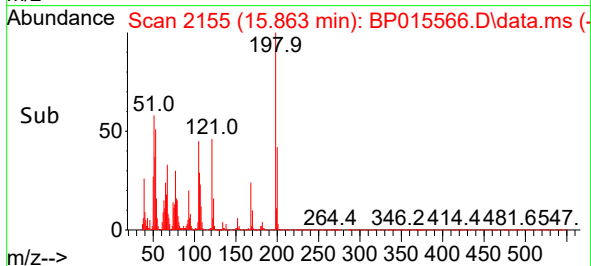
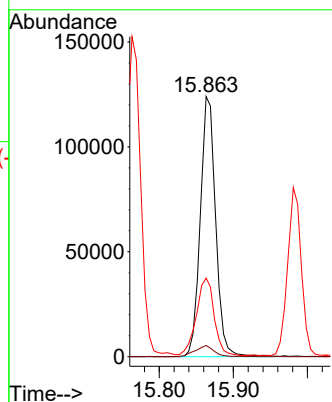
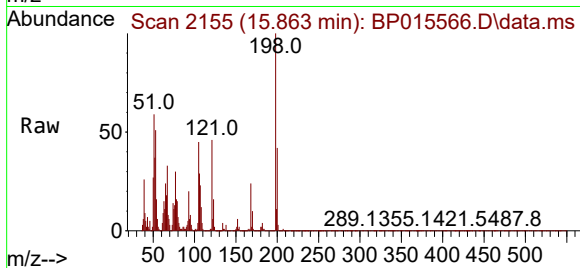




#66
4,6-Dinitro-2-methylphenol
Concen: 34.975 ng/ul
RT: 15.863 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BP015566.D
Acq: 15 Jun 2023 20:58

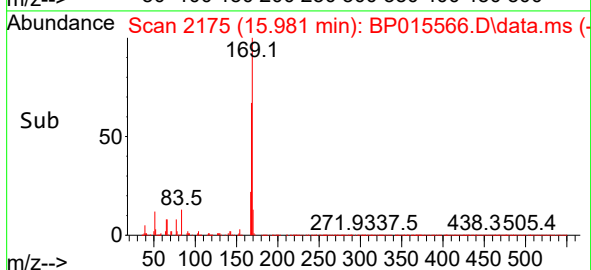
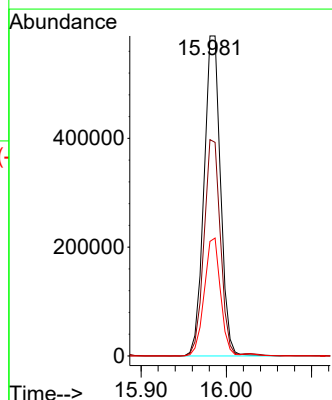
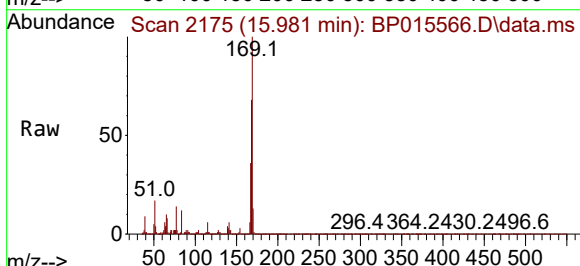
Instrument :
BNA_P
ClientSampleId :
SLCS388

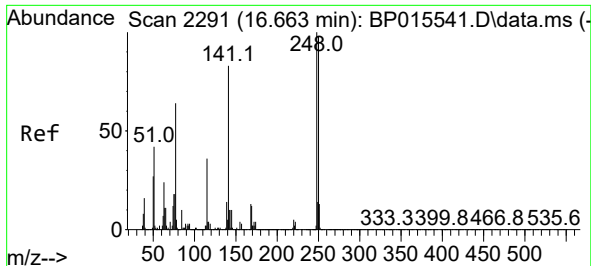
Tgt Ion:198 Resp: 178424
Ion Ratio Lower Upper
198 100
182 4.3 3.0 4.4
77 30.2 20.5 30.7



#67
N-Nitrosodiphenylamine
Concen: 35.358 ng/ul
RT: 15.981 min Scan# 2175
Delta R.T. 0.000 min
Lab File: BP015566.D
Acq: 15 Jun 2023 20:58

Tgt Ion:169 Resp: 792009
Ion Ratio Lower Upper
169 100
168 67.6 53.0 79.4
167 35.8 28.9 43.3

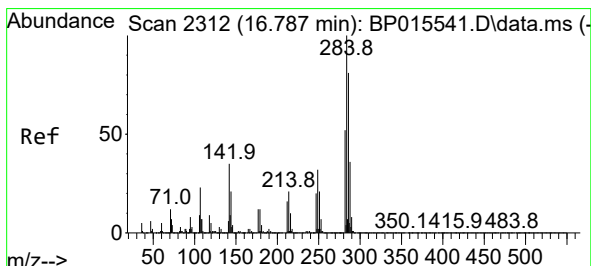
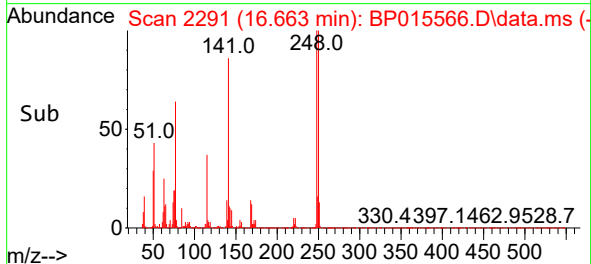
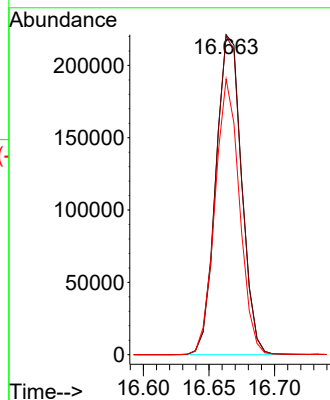
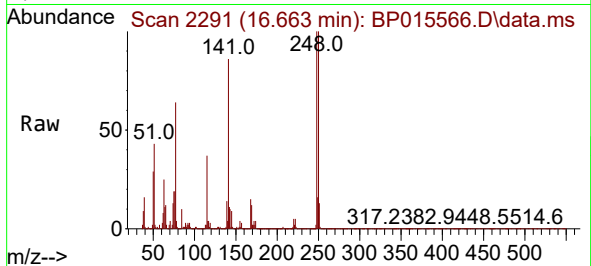




#68
4-Bromophenyl-phenylether
Concen: 35.832 ng/ul
RT: 16.663 min Scan# 2291
Delta R.T. 0.000 min
Lab File: BP015566.D
Acq: 15 Jun 2023 20:58

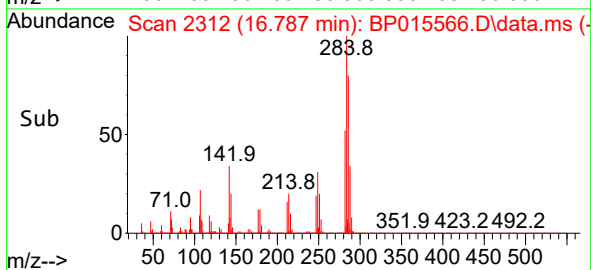
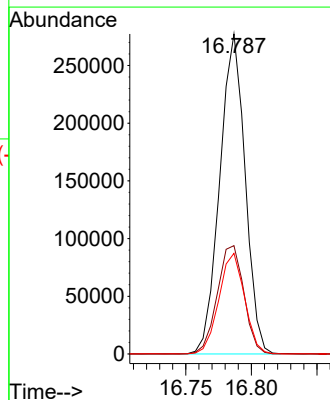
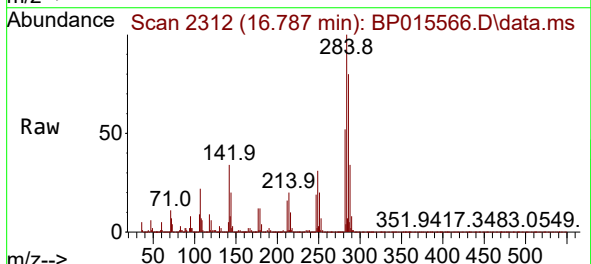
Instrument :
BNA_P
ClientSampleId :
SLCS388

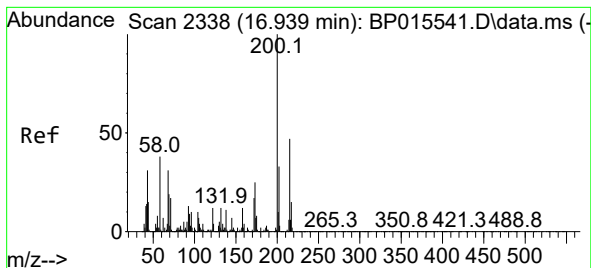
Tgt Ion:248 Resp: 302676
Ion Ratio Lower Upper
248 100
250 99.7 78.3 117.5
141 86.1 61.1 91.7



#69
Hexachlorobenzene
Concen: 37.419 ng/ul
RT: 16.787 min Scan# 2312
Delta R.T. 0.000 min
Lab File: BP015566.D
Acq: 15 Jun 2023 20:58

Tgt Ion:284 Resp: 372841
Ion Ratio Lower Upper
284 100
142 33.9 25.4 38.2
249 31.4 24.8 37.2





#70

Atrazine

Concen: 7.481 ng/ul

RT: 16.934 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015566.D

Acq: 15 Jun 2023 20:58

Instrument :

BNA_P

ClientSampleId :

SLCS388

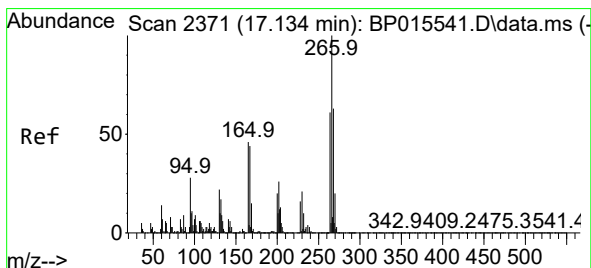
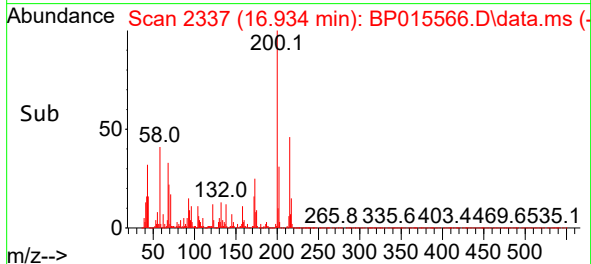
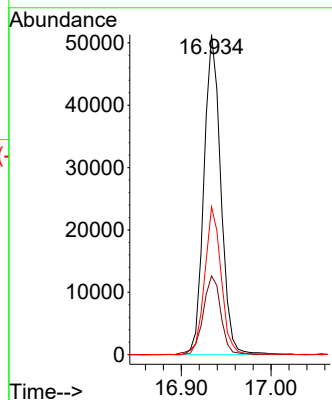
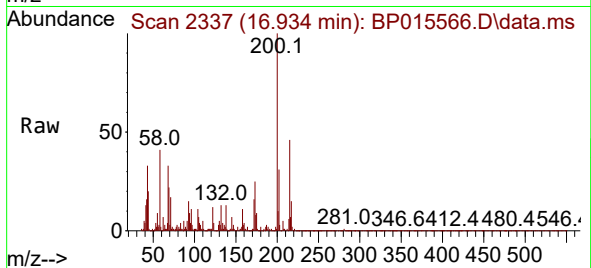
Tgt Ion:200 Resp: 66920

Ion Ratio Lower Upper

200 100

173 24.6 19.8 29.6

215 46.2 37.4 56.0



#71

Pentachlorophenol

Concen: 33.882 ng/ul

RT: 17.134 min Scan# 2371

Delta R.T. 0.000 min

Lab File: BP015566.D

Acq: 15 Jun 2023 20:58

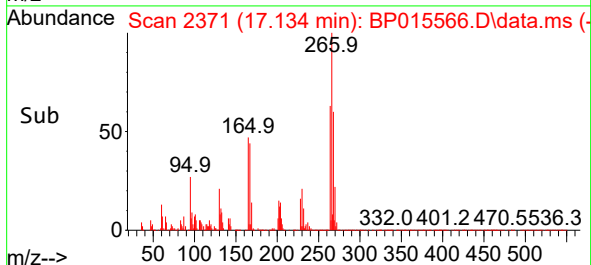
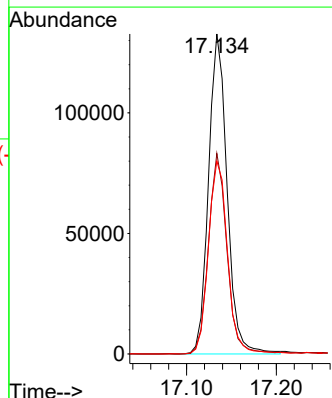
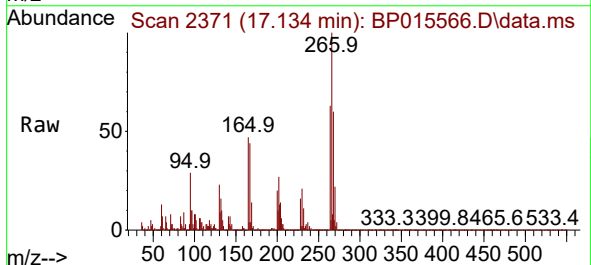
Tgt Ion:266 Resp: 190816

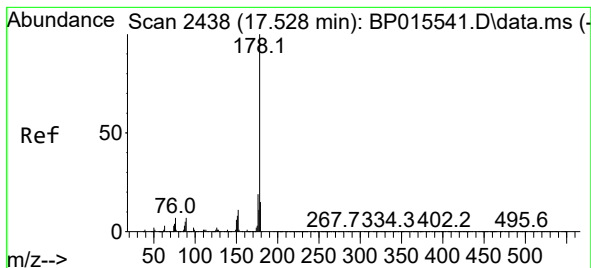
Ion Ratio Lower Upper

266 100

264 62.7 49.6 74.4

268 60.3 51.0 76.6





#72

Phenanthrene

Concen: 36.766 ng/ul

RT: 17.528 min Scan# 2438

Delta R.T. 0.000 min

Lab File: BP015566.D

Acq: 15 Jun 2023 20:58

Instrument :

BNA_P

ClientSampleId :

SLCS388

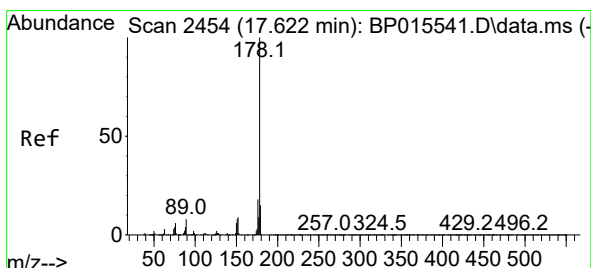
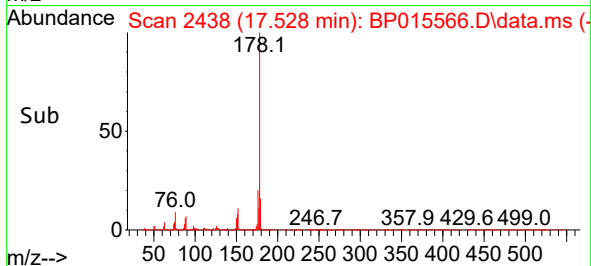
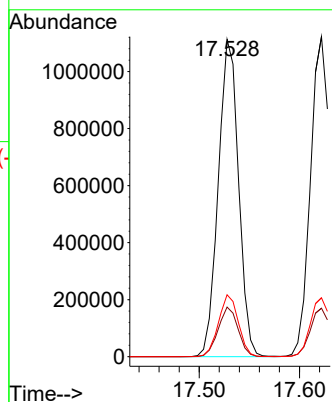
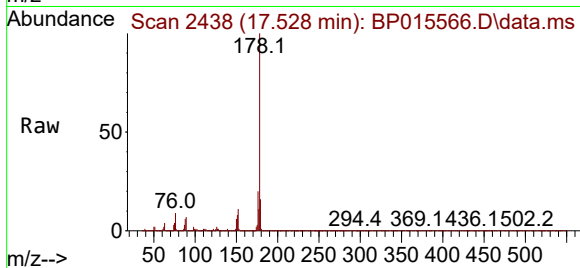
Tgt Ion:178 Resp: 1557813

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

176 19.5 15.4 23.0



#74

Anthracene

Concen: 36.247 ng/ul

RT: 17.622 min Scan# 2454

Delta R.T. 0.000 min

Lab File: BP015566.D

Acq: 15 Jun 2023 20:58

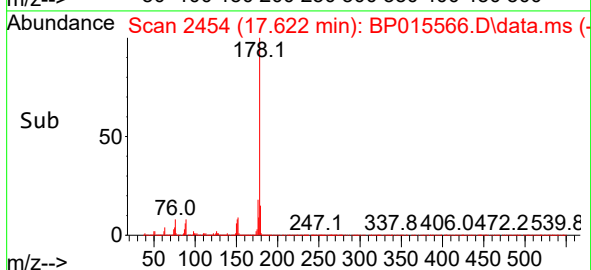
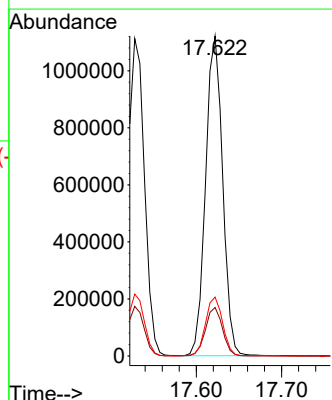
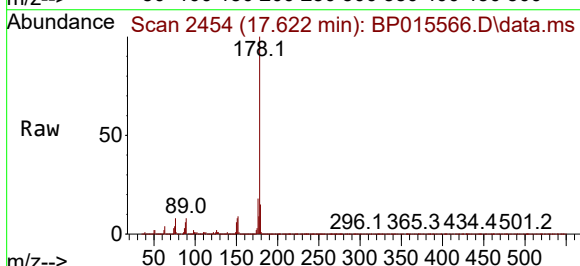
Tgt Ion:178 Resp: 1558293

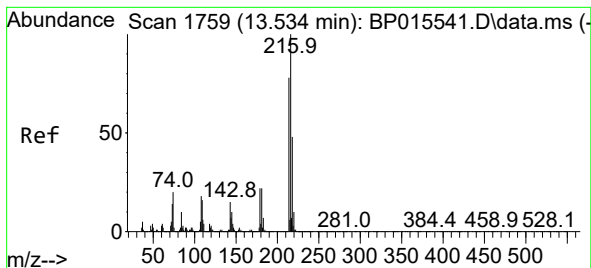
Ion Ratio Lower Upper

178 100

179 15.1 12.4 18.6

176 18.4 15.0 22.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 35.636 ng/uL

RT: 13.534 min Scan# 1759

Delta R.T. 0.000 min

Lab File: BP015566.D

Acq: 15 Jun 2023 20:58

Instrument :

BNA_P

ClientSampleId :

SLCS388

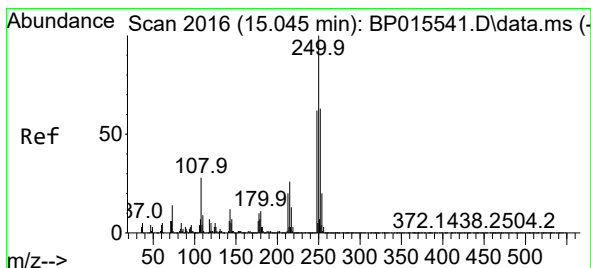
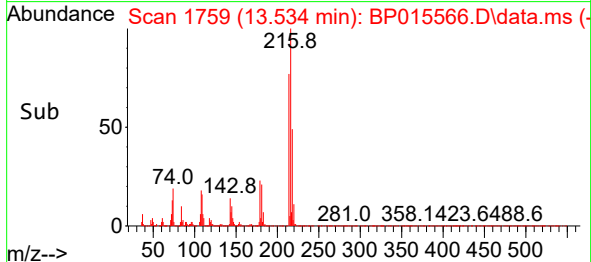
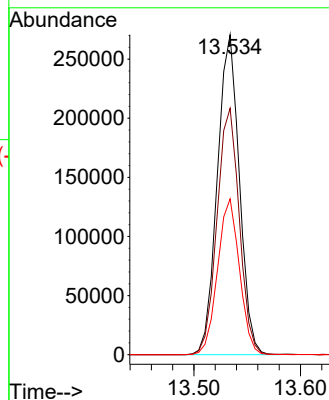
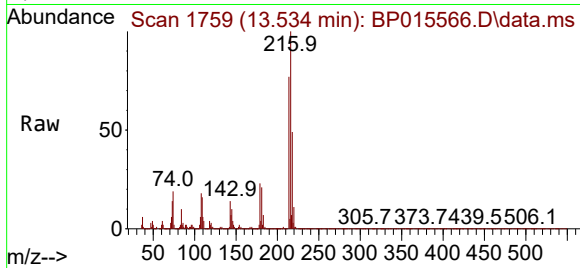
Tgt Ion:216 Resp: 388329

Ion Ratio Lower Upper

216 100

214 77.0 62.1 93.1

218 48.7 39.0 58.4



#76

Pentachlorobenzene

Concen: 34.813 ng/uL

RT: 15.046 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BP015566.D

Acq: 15 Jun 2023 20:58

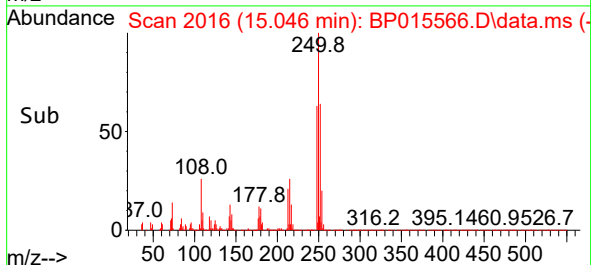
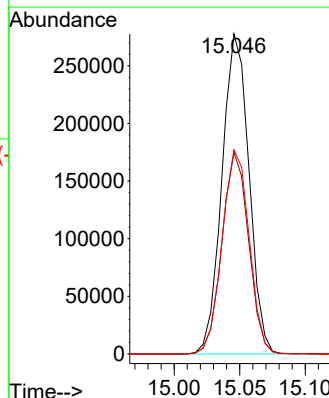
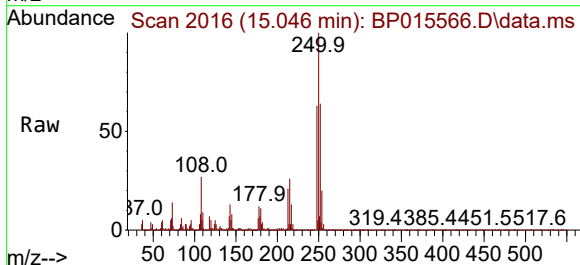
Tgt Ion:250 Resp: 397192

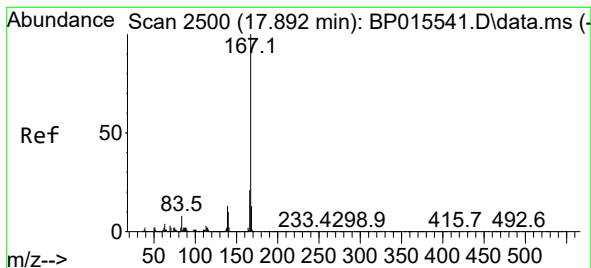
Ion Ratio Lower Upper

250 100

248 63.1 49.0 73.4

252 63.8 49.9 74.9





#77

Carbazole

Concen: 37.388 ng/ul

RT: 17.892 min Scan# 2500

Delta R.T. 0.000 min

Lab File: BP015566.D

Acq: 15 Jun 2023 20:58

Instrument :

BNA_P

ClientSampleId :

SLCS388

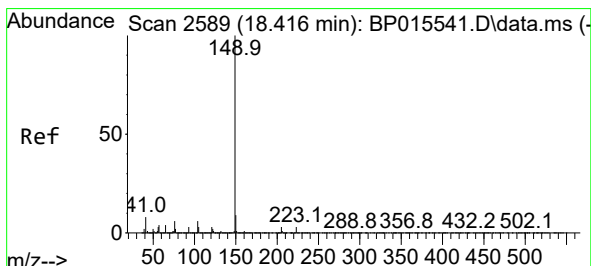
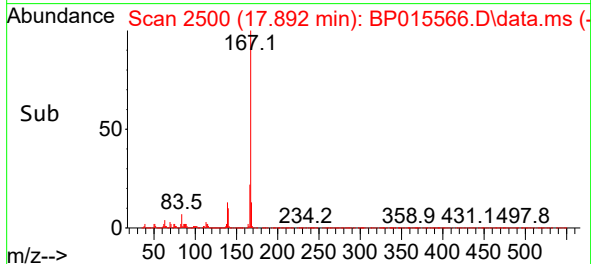
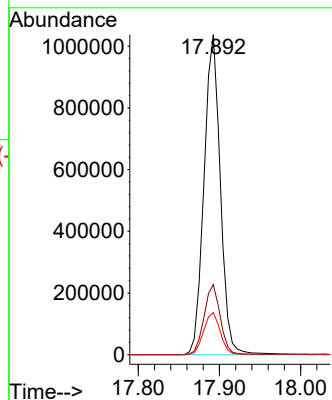
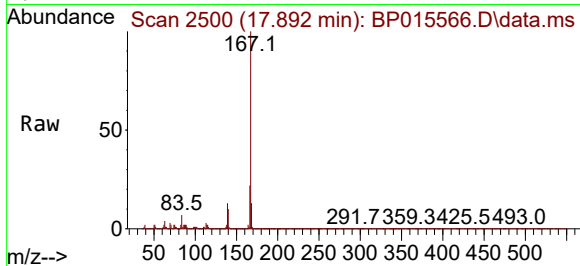
Tgt Ion:167 Resp: 1447271

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: 37.886 ng/ul

RT: 18.416 min Scan# 2589

Delta R.T. 0.000 min

Lab File: BP015566.D

Acq: 15 Jun 2023 20:58

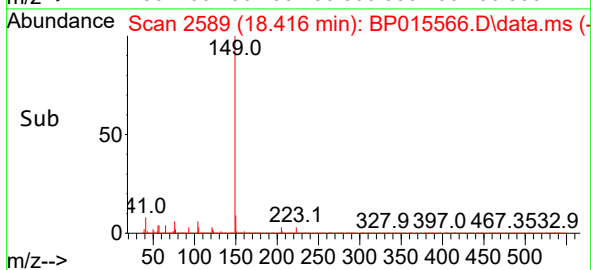
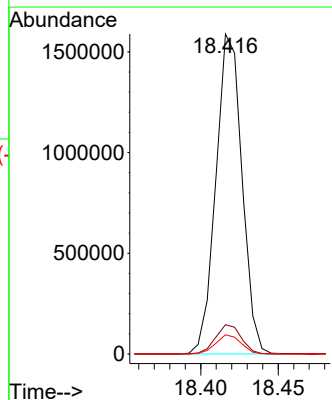
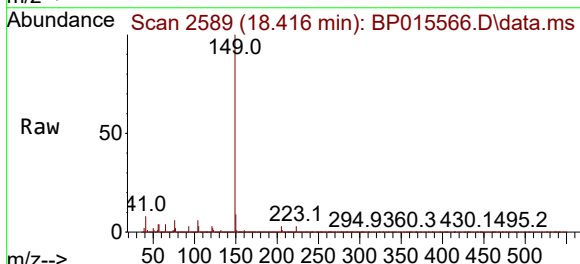
Tgt Ion:149 Resp: 1860732

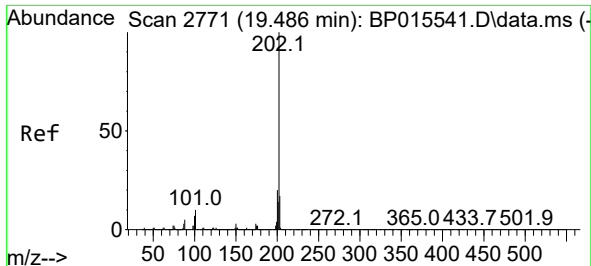
Ion Ratio Lower Upper

149 100

150 9.2 7.1 10.7

104 6.0 4.5 6.7

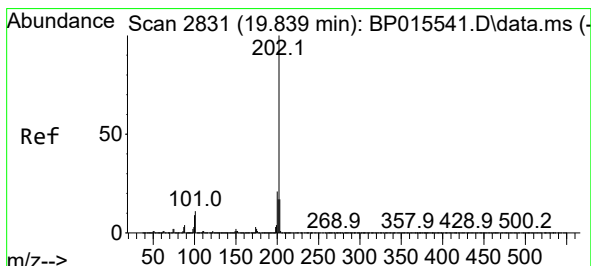
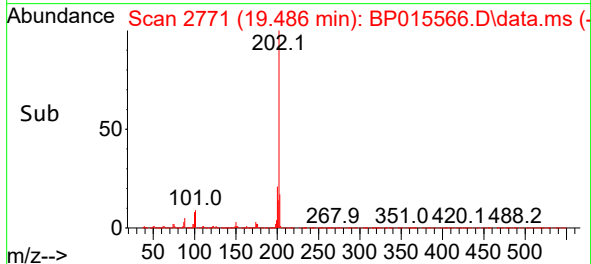
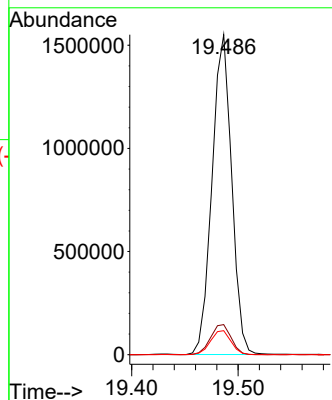
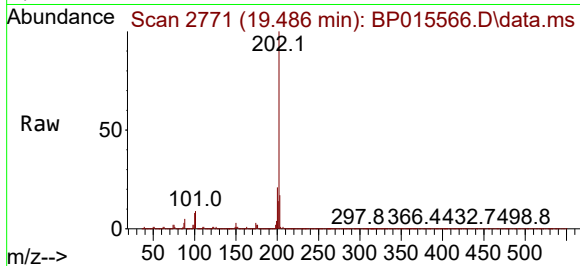




#80
Fluoranthene
Concen: 36.800 ng/ul
RT: 19.486 min Scan# 2771
Delta R.T. 0.000 min
Lab File: BP015566.D
Acq: 15 Jun 2023 20:58

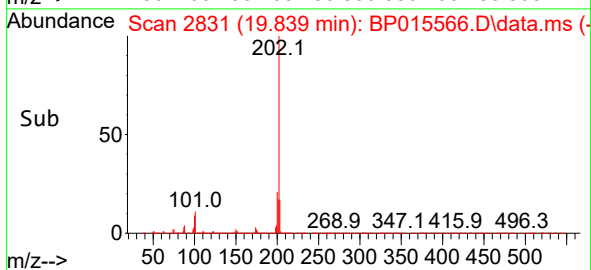
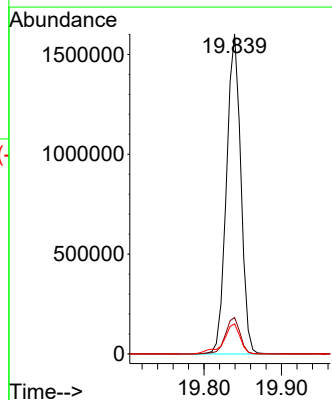
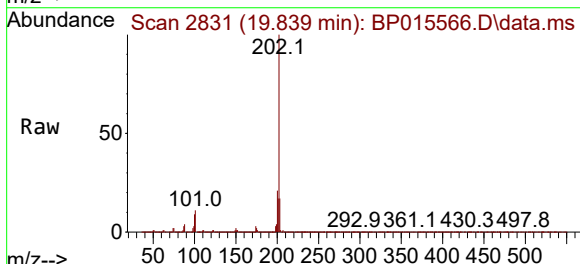
Instrument :
BNA_P
ClientSampleId :
SLCS388

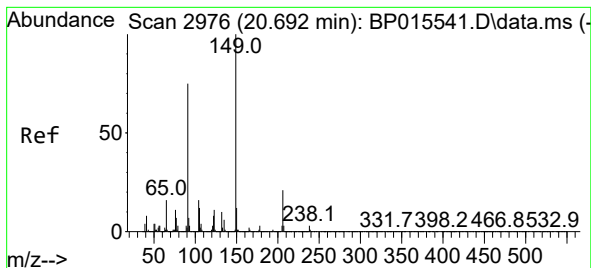
Tgt Ion:202 Resp: 1986372
Ion Ratio Lower Upper
202 100
101 9.4 8.6 13.0
100 7.5 6.6 9.8



#82
Pyrene
Concen: 36.804 ng/ul
RT: 19.839 min Scan# 2831
Delta R.T. 0.000 min
Lab File: BP015566.D
Acq: 15 Jun 2023 20:58

Tgt Ion:202 Resp: 2055254
Ion Ratio Lower Upper
202 100
101 11.4 9.9 14.9
100 9.4 8.4 12.6





#83

Butylbenzylphthalate

Concen: 38.926 ng/ul

RT: 20.692 min Scan# 2976

Delta R.T. 0.000 min

Lab File: BP015566.D

Acq: 15 Jun 2023 20:58

Instrument :

BNA_P

ClientSampleId :

SLCS388

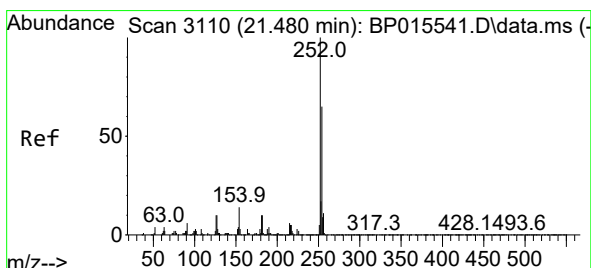
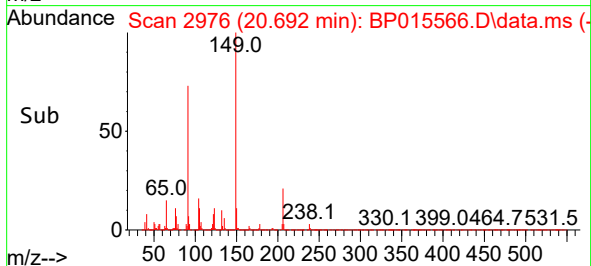
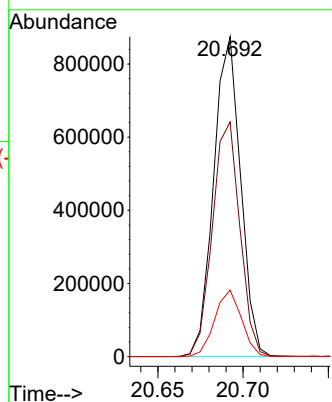
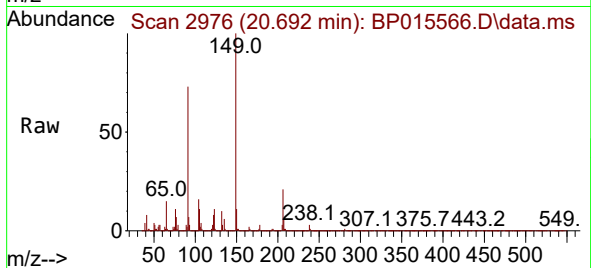
Tgt Ion:149 Resp: 960788

Ion Ratio Lower Upper

149 100

91 73.4 60.4 90.6

206 20.8 16.4 24.6



#84

3,3'-Dichlorobenzidine

Concen: 37.971 ng/ul

RT: 21.475 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BP015566.D

Acq: 15 Jun 2023 20:58

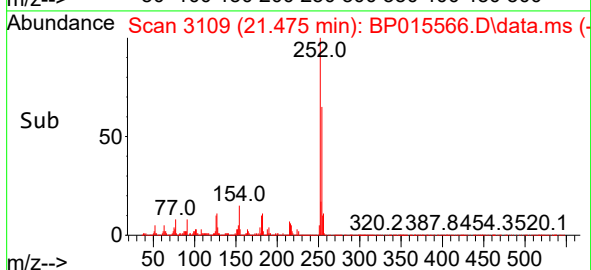
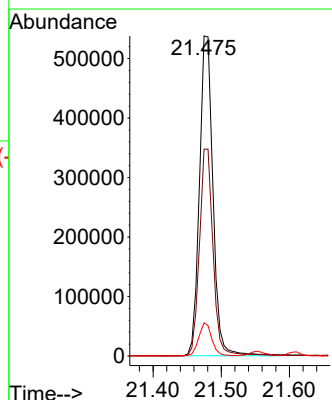
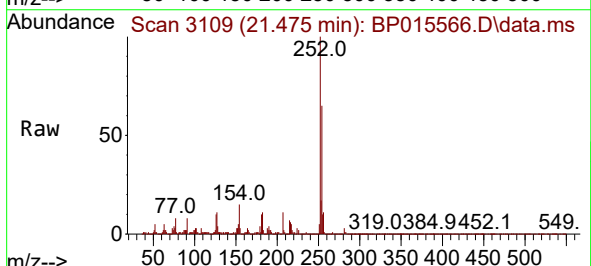
Tgt Ion:252 Resp: 742734

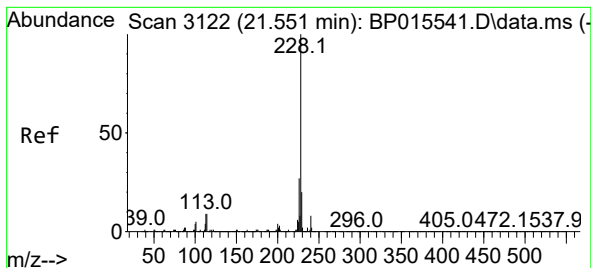
Ion Ratio Lower Upper

252 100

254 64.6 51.6 77.4

126 10.3 8.5 12.7





#85

Benzo(a)anthracene

Concen: 37.207 ng/ul

RT: 21.551 min Scan# 3122

Delta R.T. 0.000 min

Lab File: BP015566.D

Acq: 15 Jun 2023 20:58

Instrument :

BNA_P

ClientSampleId :

SLCS388

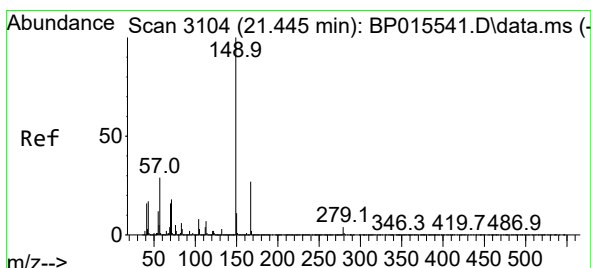
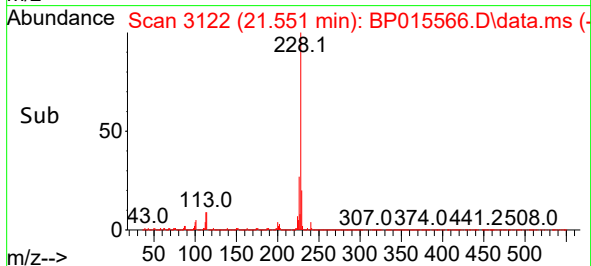
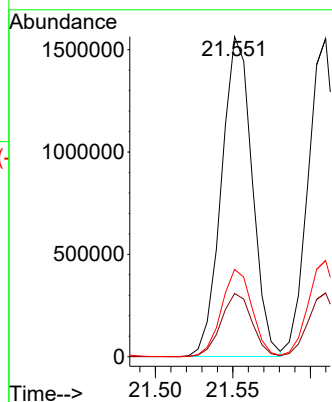
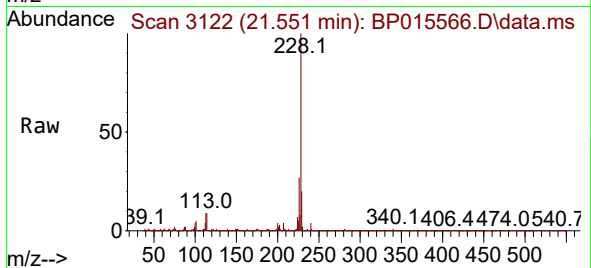
Tgt Ion:228 Resp: 2153523

Ion Ratio Lower Upper

228 100

229 19.8 15.8 23.6

226 27.3 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 39.356 ng/ul

RT: 21.445 min Scan# 3104

Delta R.T. 0.000 min

Lab File: BP015566.D

Acq: 15 Jun 2023 20:58

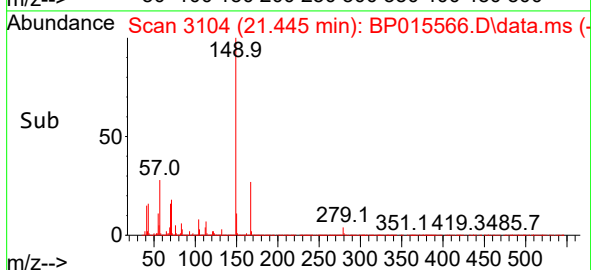
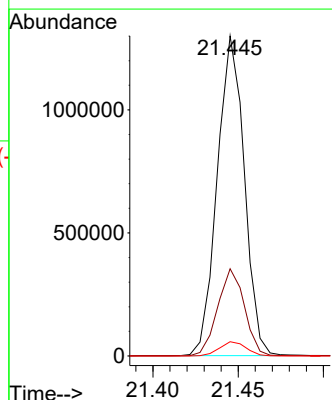
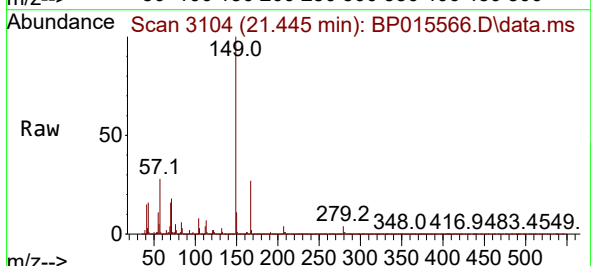
Tgt Ion:149 Resp: 1435802

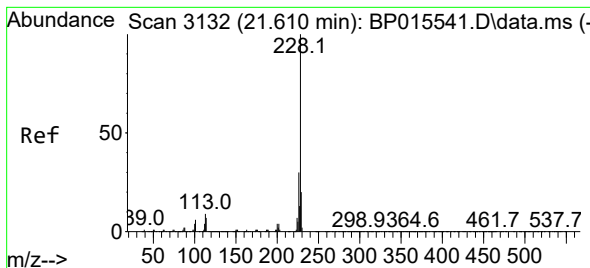
Ion Ratio Lower Upper

149 100

167 27.3 21.8 32.8

279 4.5 3.7 5.5





#87

Chrysene

Concen: 37.127 ng/ul

RT: 21.610 min Scan# 3132

Delta R.T. 0.000 min

Lab File: BP015566.D

Acq: 15 Jun 2023 20:58

Instrument :

BNA_P

ClientSampleId :

SLCS388

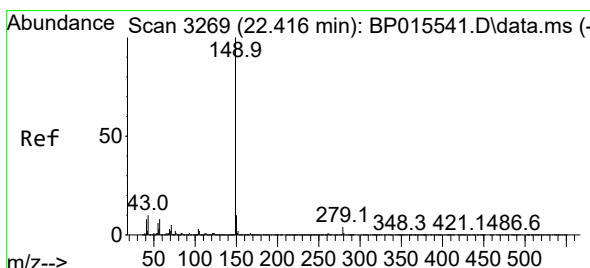
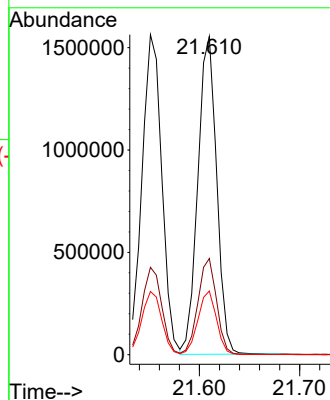
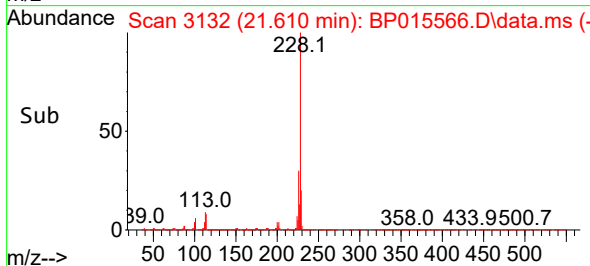
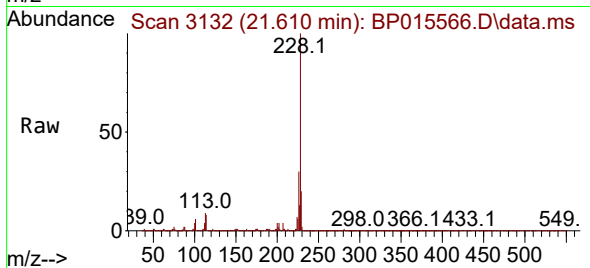
Tgt Ion:228 Resp: 2031179

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

229 20.0 15.1 22.7



#89

Di-n-octyl phthalate

Concen: 40.371 ng/ul

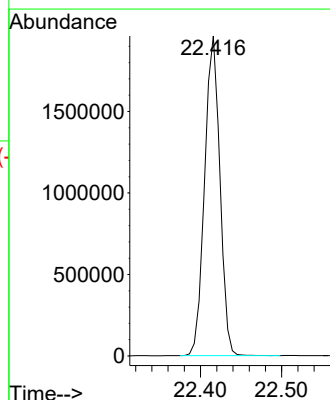
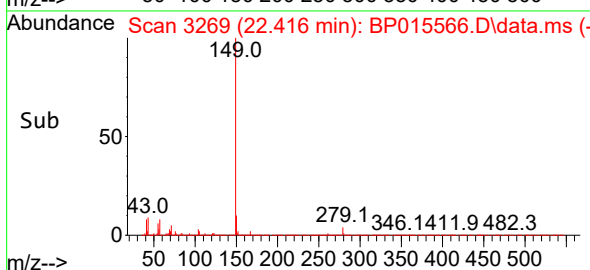
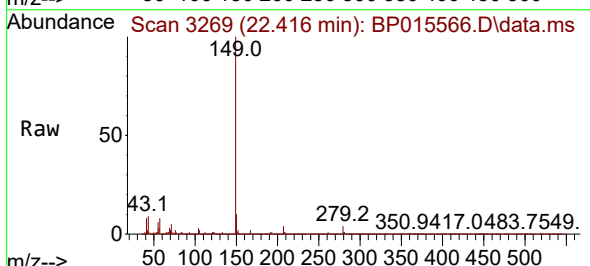
RT: 22.416 min Scan# 3269

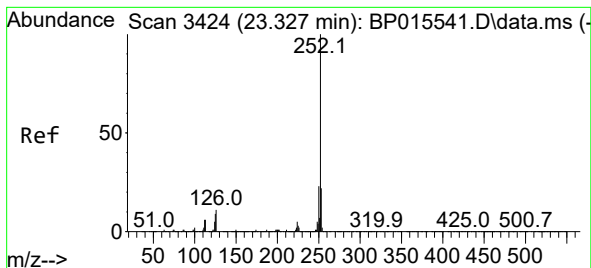
Delta R.T. 0.000 min

Lab File: BP015566.D

Acq: 15 Jun 2023 20:58

Tgt Ion:149 Resp: 2562197





#90

Benzo(b)fluoranthene

Concen: 37.668 ng/ul

RT: 23.333 min Scan# 3424

Delta R.T. 0.006 min

Lab File: BP015566.D

Acq: 15 Jun 2023 20:58

Instrument :

BNA_P

ClientSampleId :

SLCS388

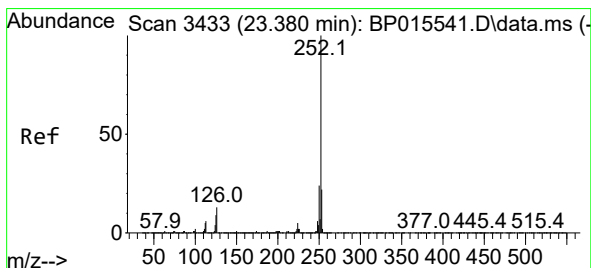
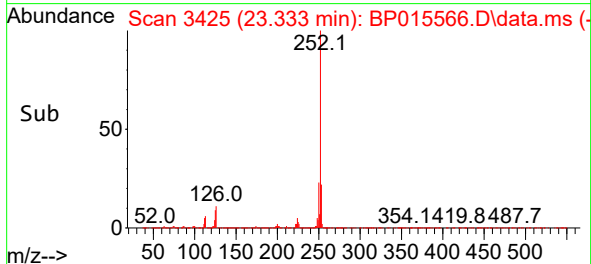
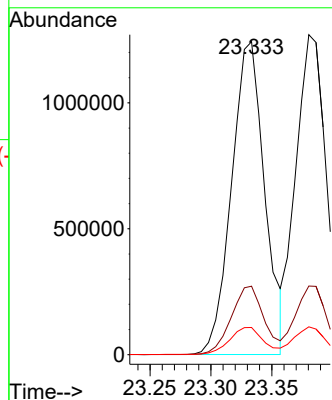
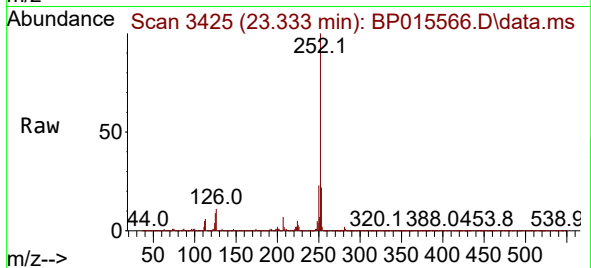
Tgt Ion:252 Resp: 2348014

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 8.7 7.3 10.9



#91

Benzo(k)fluoranthene

Concen: 36.701 ng/ul

RT: 23.380 min Scan# 3433

Delta R.T. 0.000 min

Lab File: BP015566.D

Acq: 15 Jun 2023 20:58

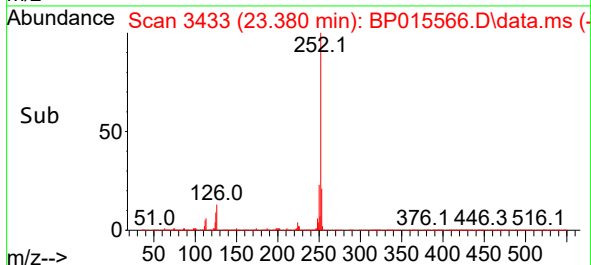
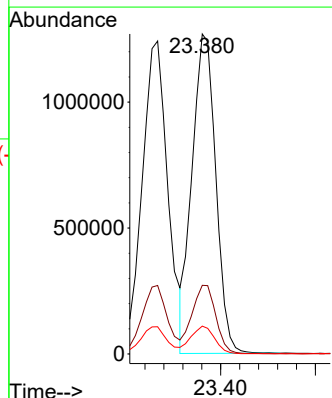
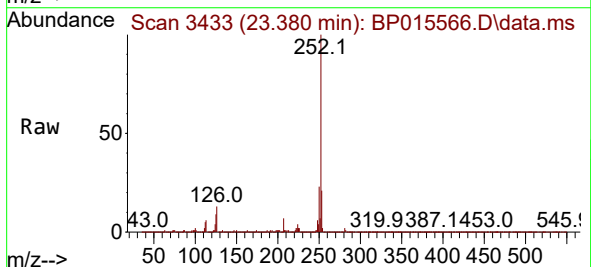
Tgt Ion:252 Resp: 2211432

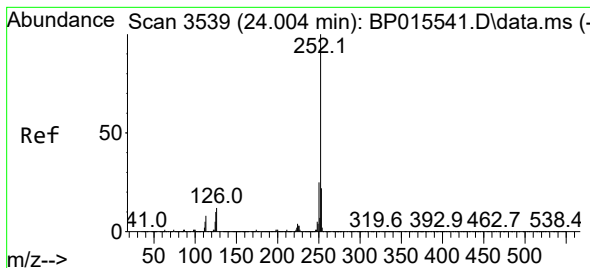
Ion Ratio Lower Upper

252 100

253 21.5 17.7 26.5

125 8.7 7.3 10.9





#93

Benzo(a)pyrene

Concen: 36.345 ng/ul

RT: 24.004 min Scan# 3539

Delta R.T. 0.000 min

Lab File: BP015566.D

Acq: 15 Jun 2023 20:58

Instrument :

BNA_P

ClientSampleId :

SLCS388

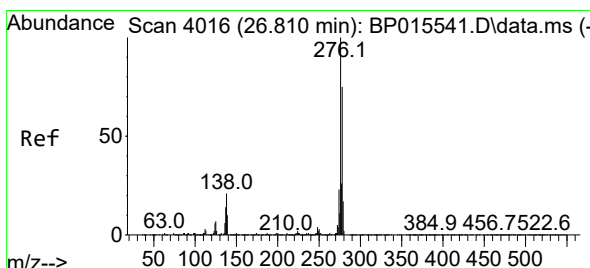
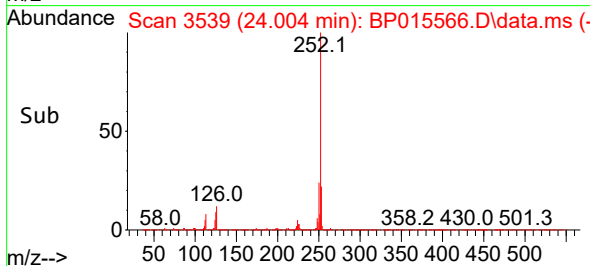
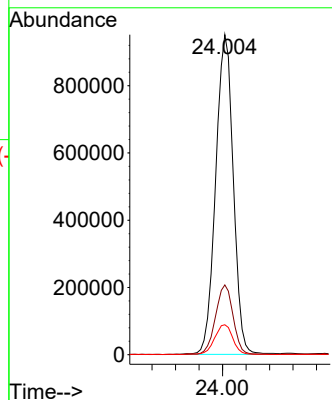
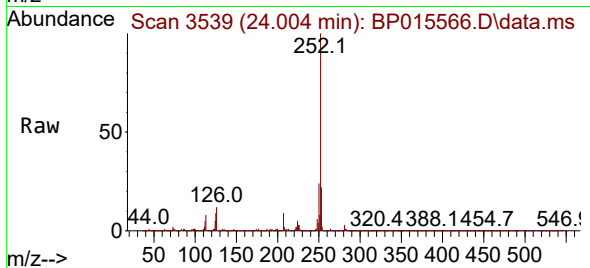
Tgt Ion:252 Resp: 1975209

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 9.3 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 34.678 ng/ul

RT: 26.816 min Scan# 4017

Delta R.T. 0.006 min

Lab File: BP015566.D

Acq: 15 Jun 2023 20:58

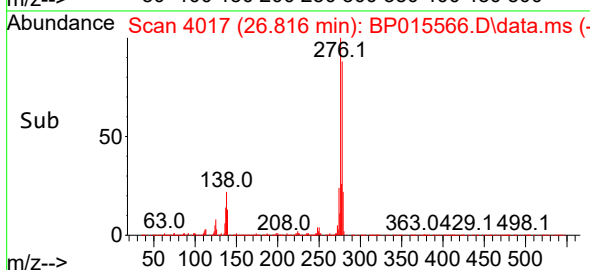
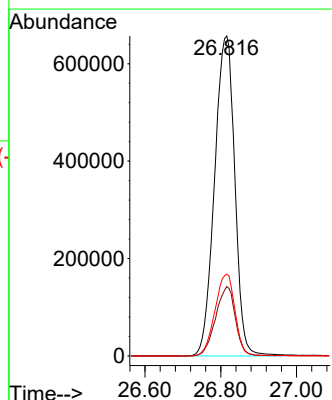
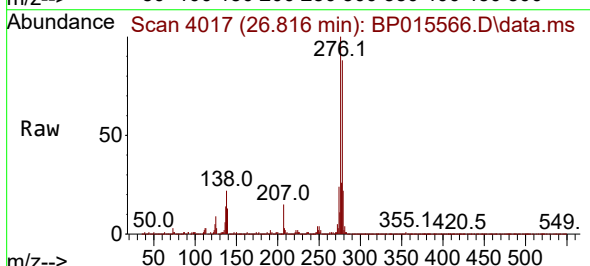
Tgt Ion:276 Resp: 2438992

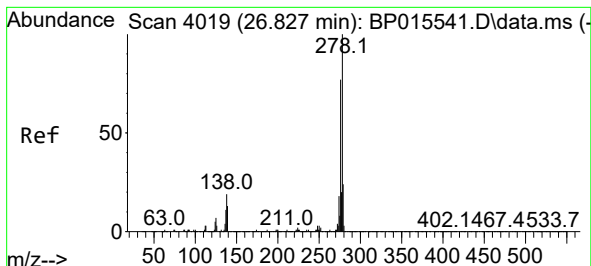
Ion Ratio Lower Upper

276 100

138 21.7 17.3 25.9

277 25.6 20.2 30.2





#95

Dibenzo(a,h)anthracene

Concen: 35.189 ng/ul

RT: 26.821 min Scan# 4019

Delta R.T. -0.006 min

Lab File: BP015566.D

Acq: 15 Jun 2023 20:58

Instrument :

BNA_P

ClientSampleId :

SLCS388

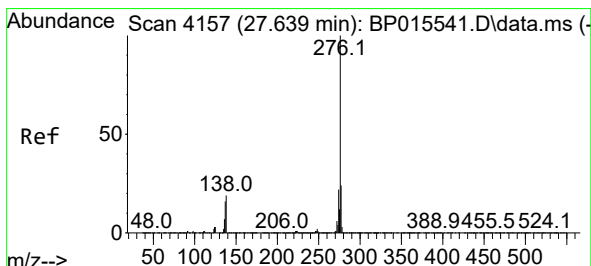
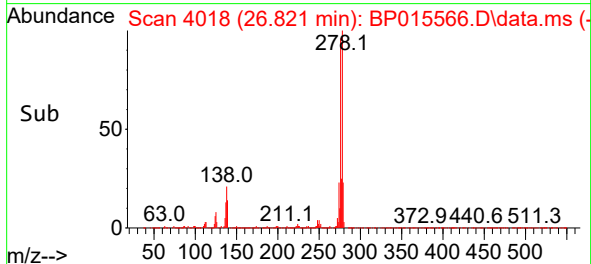
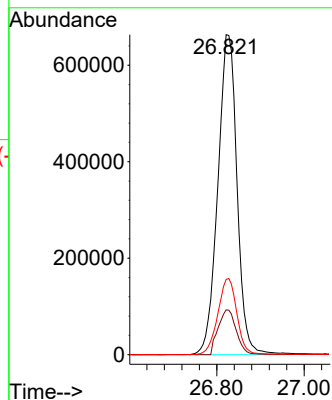
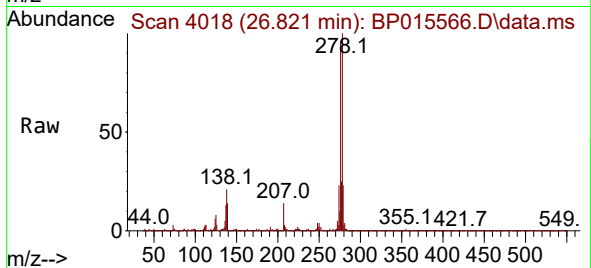
Tgt Ion:278 Resp: 2016331

Ion Ratio Lower Upper

278 100

139 14.0 11.4 17.0

279 23.5 18.7 28.1



#96

Benzo(g,h,i)perylene

Concen: 34.105 ng/ul

RT: 27.645 min Scan# 4158

Delta R.T. 0.006 min

Lab File: BP015566.D

Acq: 15 Jun 2023 20:58

Tgt Ion:276 Resp: 1976761

Ion Ratio Lower Upper

276 100

138 18.0 15.6 23.4

277 23.3 19.0 28.6

