

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112423\
 Data File : BP018379.D
 Acq On : 25 Nov 2023 21:32
 Operator : MA/JU
 Sample : 05336-04MSD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 27 00:04:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 24 22:02:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	475940	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	1683780	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.498	164	949594	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.245	188	2105641	20.000	ng/u1	0.00
79) Chrysene-d12	21.357	240	2232638	20.000	ng/u1	0.00
88) Perylene-d12	23.804	264	2689262	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	42718	3.362	ng/uL	0.00
4) Pyridine-d5	3.687	84	233414	6.684	ng/u1	0.00
7) Phenol-d5	7.028	99	183206	4.212	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	515443	19.817	ng/u1	0.00
11) 2-Chlorophenol-d4	7.393	132	589360	16.138	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	346199	9.863	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	361974	26.467	ng/u1	0.00
24) 2-Nitrophenol-d4	9.746	143	343230	27.175	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	682691	22.404	ng/u1	0.00
31) 4-Chloroaniline-d4	10.804	131	862461	20.985	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	2175634	25.748	ng/u1	0.00
49) Acenaphthylene-d8	14.192	160	2431072	25.251	ng/u1	0.00
54) 4-Nitrophenol-d4	14.692	143	75089	6.437	ng/u1	0.00
60) Fluorene-d10	15.492	176	1877859	26.571	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	293304	32.722	ng/u1	0.00
73) Anthracene-d10	17.345	188	3058379	27.175	ng/u1	0.00
81) Pyrene-d10	19.586	212	3892426	21.906	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.645	264	4390693	28.161	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	45314	3.326	ng/uL#	85
5) Pyridine	3.711	79	277955	7.900	ng/u1	93
6) Benzaldehyde	7.005	77	503463	21.873	ng/u1	95
8) Phenol	7.052	94	203851	4.778	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.293	93	772544	21.737	ng/u1	97
12) 2-Chlorophenol	7.428	128	623968	17.030	ng/u1	95
13) 2-Methylphenol	8.310	108	423933	12.756	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.399	45	875048	17.321	ng/u1	96
16) Acetophenone	8.693	105	1131175	21.060	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.681	70	510257	17.006	ng/u1	91
18) 4-Methylphenol	8.640	108	381085	10.738	ng/u1	99
19) Hexachloroethane	8.946	117	232246	15.179	ng/u1	94
22) Nitrobenzene	9.069	77	786943	24.561	ng/u1	96
23) Isophorone	9.599	82	1528126	21.399	ng/u1	97
25) 2-Nitrophenol	9.781	139	394808	27.782	ng/u1	94
26) 2,4-Dimethylphenol	9.846	107	651432	20.417	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.087	93	973517	22.573	ng/u1	99
29) 2,4-Dichlorophenol	10.310	162	686627	23.524	ng/u1	99
30) Naphthalene	10.716	128	2361796	23.192	ng/u1	100
32) 4-Chloroaniline	10.828	127	786659	20.284	ng/u1	100
33) Hexachlorobutadiene	11.004	225	442364	22.221	ng/u1	99
34) Caprolactam	11.598	113	31541	3.750	ng/u1	87
35) 4-Chloro-3-methylphenol	11.945	107	605185	19.392	ng/u1	97
36) 2-Methylnaphthalene	12.328	142	1632704	22.653	ng/u1	100

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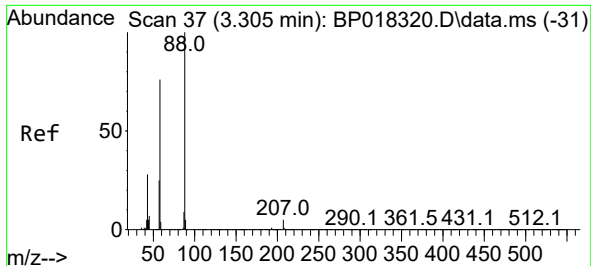
Quant Time: Nov 27 00:04:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 24 22:02:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.545	142	1646687	22.698	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.693	216	945331	28.187	ng/ul	98
40) Hexachlorocyclopentadiene	12.675	237	361092	19.010	ng/ul	97
41) 2,4,6-Trichlorophenol	12.928	196	618864	30.726	ng/ul	99
42) 2,4,5-Trichlorophenol	12.998	196	664508	30.511	ng/ul	99
43) 1,1'-Biphenyl	13.340	154	2202707	26.623	ng/ul	99
44) 2-Chloronaphthalene	13.375	162	1763060	26.924	ng/ul	98
45) 2-Nitroaniline	13.581	65	426275	30.253	ng/ul	86
47) Dimethylphthalate	13.963	163	2280795	27.588	ng/ul	99
48) 2,6-Dinitrotoluene	14.081	165	462723	33.198	ng/ul#	85
50) Acenaphthylene	14.222	152	2933391	27.334	ng/ul	99
51) 3-Nitroaniline	14.404	138	431800	31.179	ng/ul#	93
52) Acenaphthene	14.563	153	3668700	52.331	ng/ul	100
53) 2,4-Dinitrophenol	14.604	184	166152	34.168	ng/ul	98
55) 4-Nitrophenol	14.704	109	58352	6.752	ng/ul	95
56) Dibenzofuran	14.898	168	2727966	28.463	ng/ul	99
57) 2,4-Dinitrotoluene	14.857	165	651471	34.587	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.122	232	583158	34.094	ng/ul	94
59) Diethylphthalate	15.328	149	2277862	27.428	ng/ul	99
61) Fluorene	15.545	166	2753989	35.235	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.545	204	1133327	28.555	ng/ul	96
63) 4-Nitroaniline	15.569	138	480110	36.734	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.622	198	338214	34.021	ng/ul#	97
67) N-Nitrosodiphenylamine	15.757	169	1905117	26.681	ng/ul	100
68) 4-Bromophenyl-phenylether	16.439	248	752707	28.313	ng/ul	97
69) Hexachlorobenzene	16.545	284	900244	30.290	ng/ul	94
70) Atrazine	16.716	200	652132	29.916	ng/ul	99
71) Pentachlorophenol	16.892	266	548039	35.887	ng/ul	100
72) Phenanthrene	17.292	178	3725475	29.088	ng/ul	100
74) Anthracene	17.381	178	3749644	29.004	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.298	216	967583	26.734	ng/ul	100
76) Pentachlorobenzene	14.816	250	999253	28.422	ng/ul	98
77) Carbazole	17.657	167	5386073	51.424	ng/ul	100
78) Di-n-butylphthalate	18.216	149	4149899	28.485	ng/ul	99
80) Fluoranthene	19.263	202	4773901	22.489	ng/ul	97
82) Pyrene	19.616	202	4908316	22.962	ng/ul	97
83) Butylbenzylphthalate	20.510	149	2036724	25.747	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.280	252	1541641	28.549	ng/ul	99
85) Benzo(a)anthracene	21.345	228	5264445	28.933	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.298	149	3046934	25.673	ng/ul	98
87) Chrysene	21.398	228	4897011	29.576	ng/ul	99
89) Di-n-octyl phthalate	22.257	149	5395096	27.250	ng/ul	100
90) Benzo(b)fluoranthene	23.057	252	5711562	29.240	ng/ul	99
91) Benzo(k)fluoranthene	23.104	252	5410178	27.822	ng/ul	99
93) Benzo(a)pyrene	23.698	252	5258232	29.271	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.398	276	6649576	32.013	ng/ul	97
95) Dibenzo(a,h)anthracene	26.445	278	5473884	32.190	ng/ul	98
96) Benzo(g,h,i)perylene	27.198	276	5390778	32.046	ng/ul	97

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

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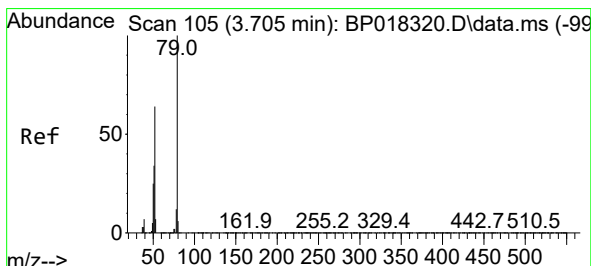
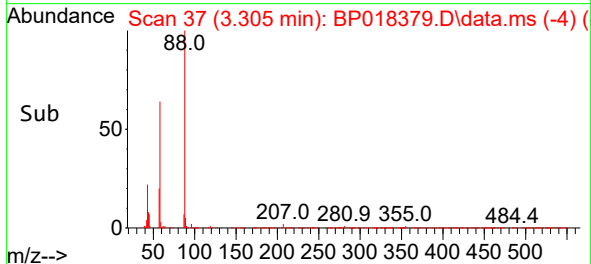
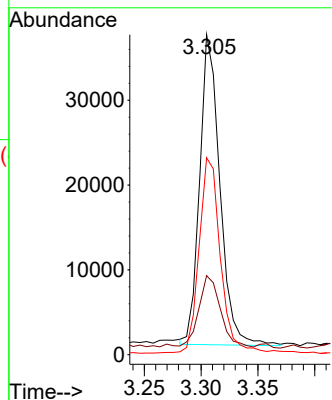
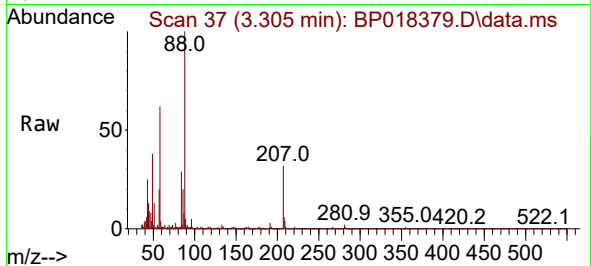




#2
1,4-Dioxane
Concen: 3.326 ng/uL
RT: 3.305 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP018379.D
Acq: 25 Nov 2023 21:32

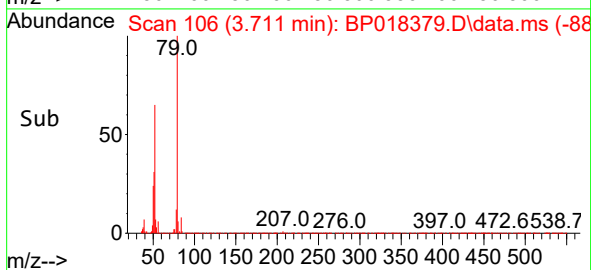
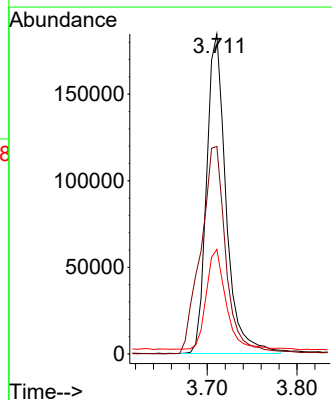
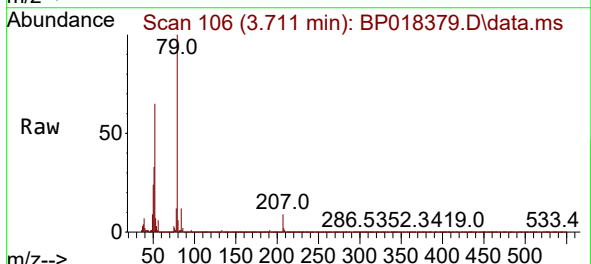
Instrument :
BNA_P
ClientSampleId :

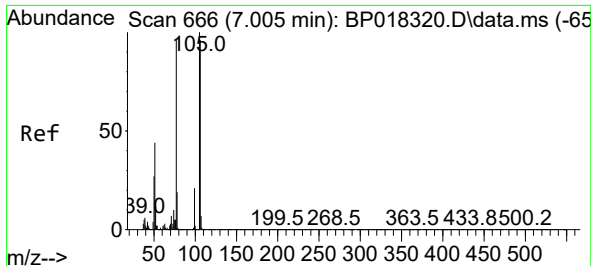
Tgt Ion: 88 Resp: 45314
Ion Ratio Lower Upper
88 100
43 24.7 26.9 40.3#
58 61.6 59.6 89.4



#5
Pyridine
Concen: 7.900 ng/uL
RT: 3.711 min Scan# 106
Delta R.T. 0.006 min
Lab File: BP018379.D
Acq: 25 Nov 2023 21:32

Tgt Ion: 79 Resp: 277955
Ion Ratio Lower Upper
79 100
52 64.9 57.7 86.5
51 32.7 27.8 41.8

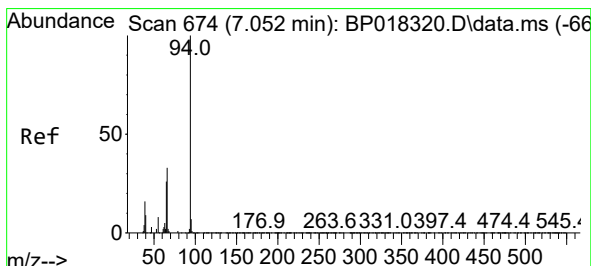
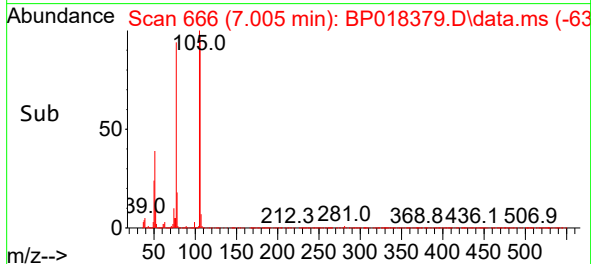
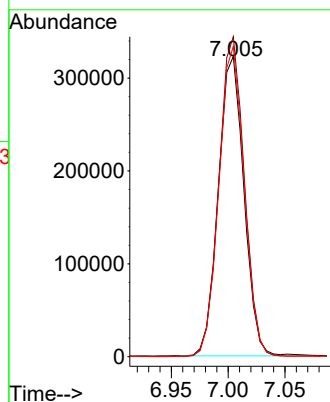
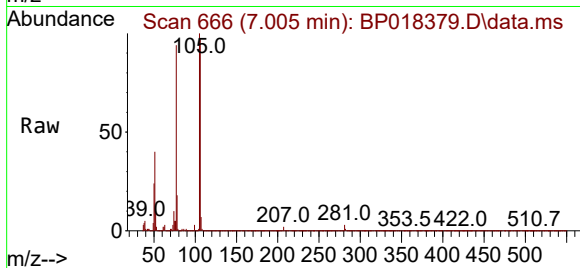




#6
Benzaldehyde
Concen: 21.873 ng/ul
RT: 7.005 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP018379.D
Acq: 25 Nov 2023 21:32

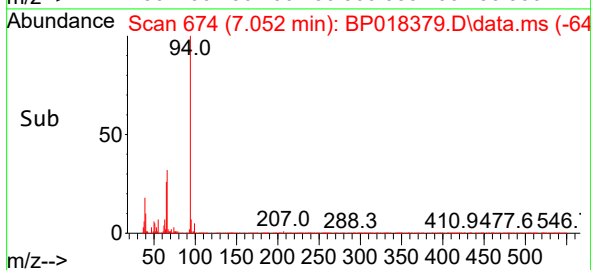
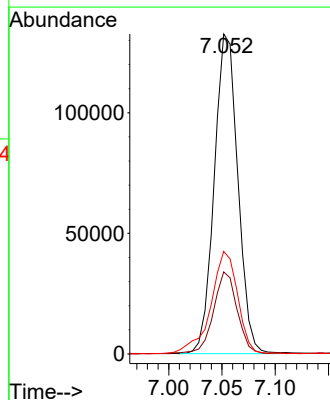
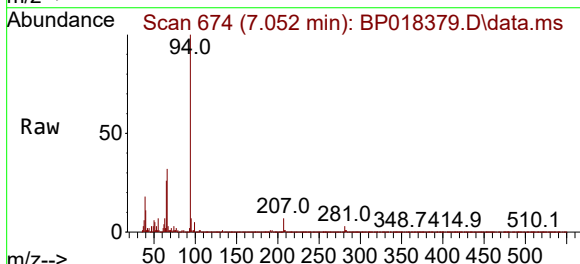
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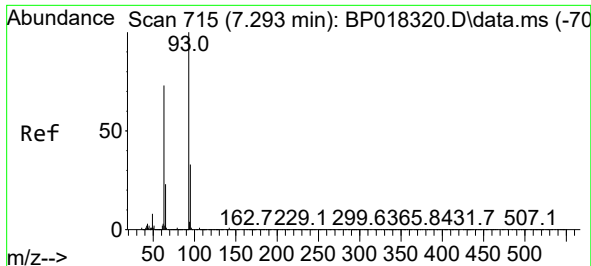
Tgt Ion: 77 Resp: 503463
Ion Ratio Lower Upper
77 100
105 106.5 81.5 122.3
106 103.3 77.9 116.9



#8
Phenol
Concen: 4.778 ng/ul
RT: 7.052 min Scan# 674
Delta R.T. -0.006 min
Lab File: BP018379.D
Acq: 25 Nov 2023 21:32

Tgt Ion: 94 Resp: 203851
Ion Ratio Lower Upper
94 100
65 25.7 21.2 31.8
66 32.0 28.0 42.0

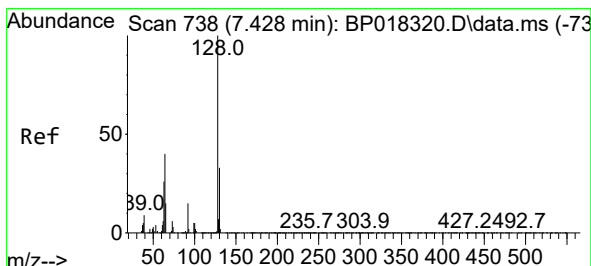
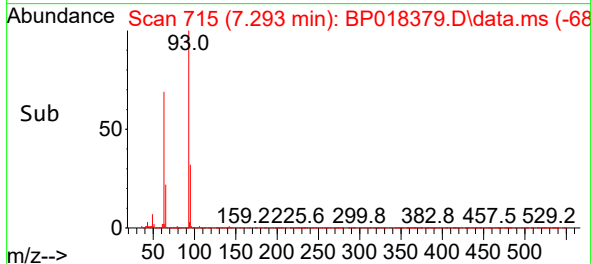
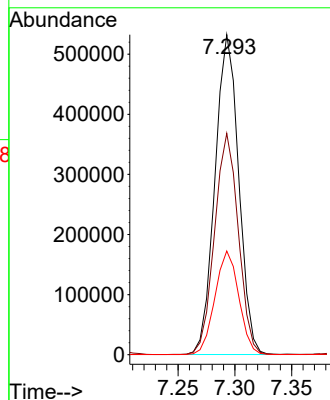
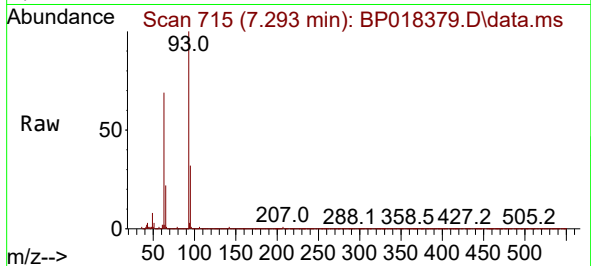




#10
Bis(2-Chloroethyl)ether
Concen: 21.737 ng/ul
RT: 7.293 min Scan# 715
Delta R.T. -0.006 min
Lab File: BP018379.D
Acq: 25 Nov 2023 21:32

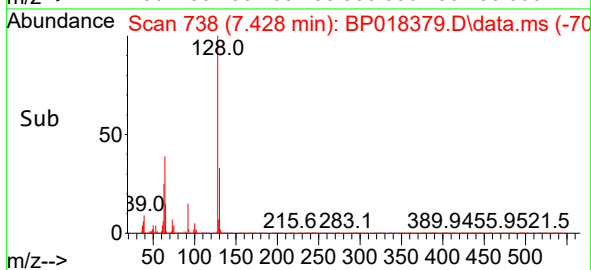
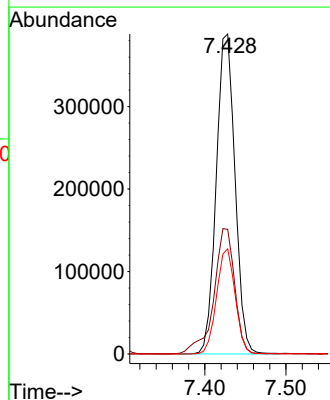
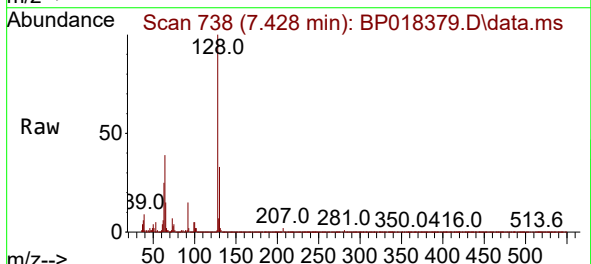
Instrument :
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ClientSampleId :

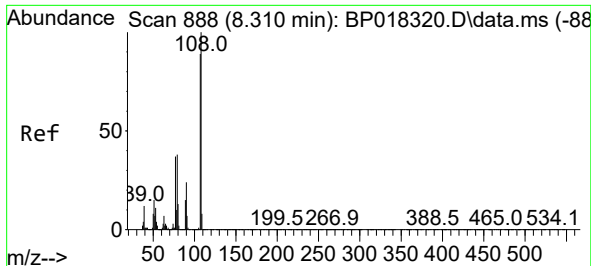
Tgt Ion: 93 Resp: 772544
Ion Ratio Lower Upper
93 100
63 69.1 58.2 87.4
95 32.4 25.6 38.4



#12
2-Chlorophenol
Concen: 17.030 ng/ul
RT: 7.428 min Scan# 738
Delta R.T. 0.000 min
Lab File: BP018379.D
Acq: 25 Nov 2023 21:32

Tgt Ion:128 Resp: 623968
Ion Ratio Lower Upper
128 100
64 39.0 34.8 52.2
130 32.8 25.5 38.3





#13

2-Methylphenol

Concen: 12.756 ng/ul

RT: 8.310 min Scan# 888

Delta R.T. 0.000 min

Lab File: BP018379.D

Acq: 25 Nov 2023 21:32

Instrument :

BNA_P

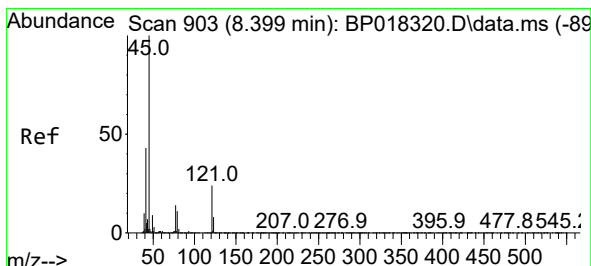
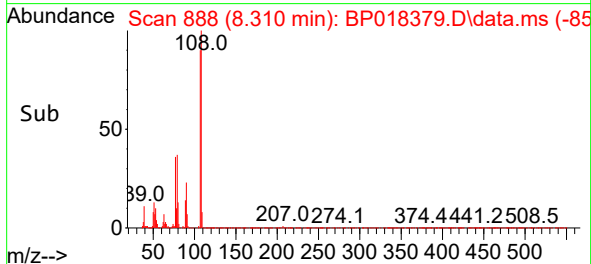
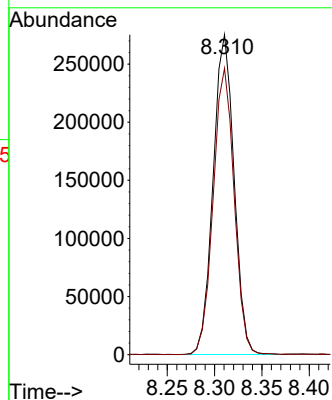
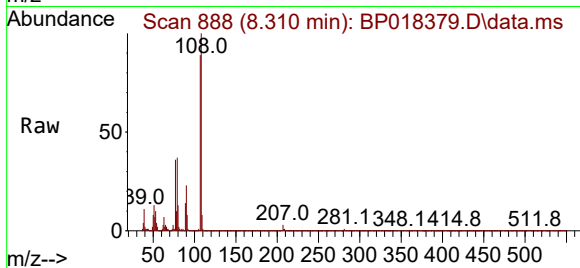
ClientSampleId :

Tgt Ion:108 Resp: 423933

Ion Ratio Lower Upper

108 100

107 89.5 70.9 106.3



#14

2,2'-oxybis(1-Chloropropane)

Concen: 17.321 ng/ul

RT: 8.399 min Scan# 903

Delta R.T. -0.006 min

Lab File: BP018379.D

Acq: 25 Nov 2023 21:32

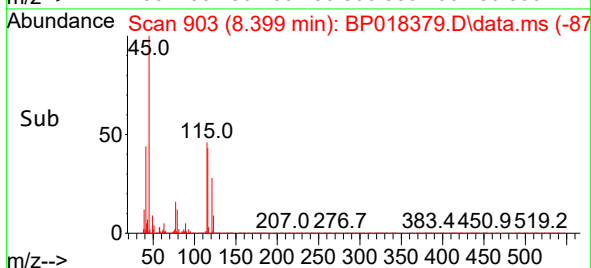
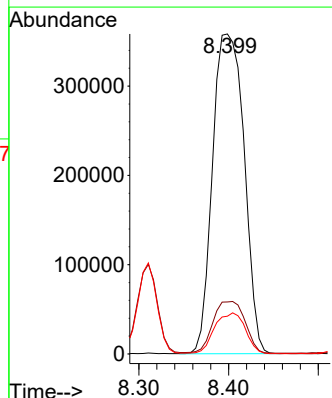
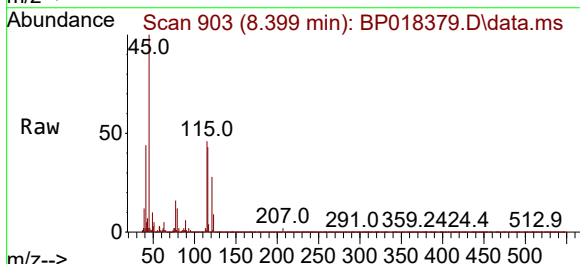
Tgt Ion: 45 Resp: 875048

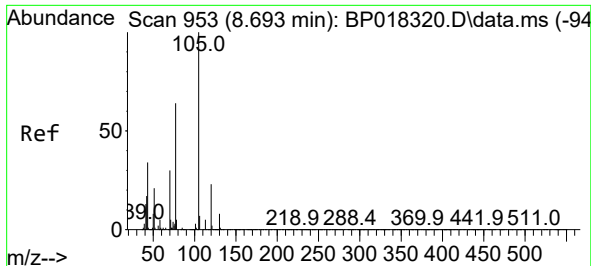
Ion Ratio Lower Upper

45 100

77 16.3 11.4 17.2

79 11.8 8.4 12.6

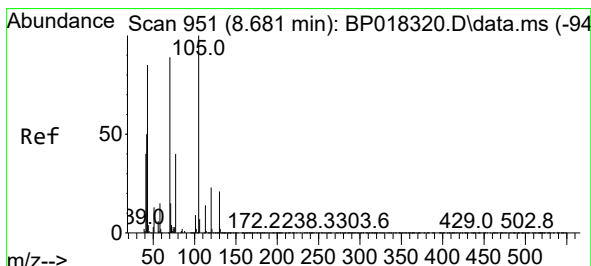
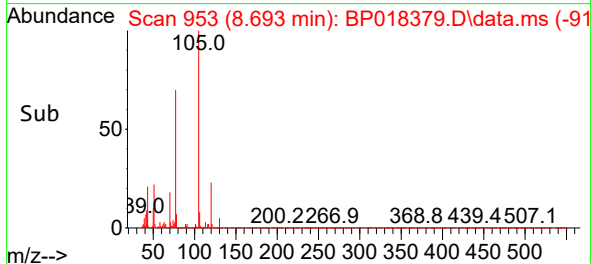
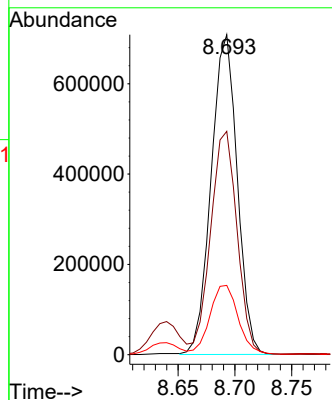
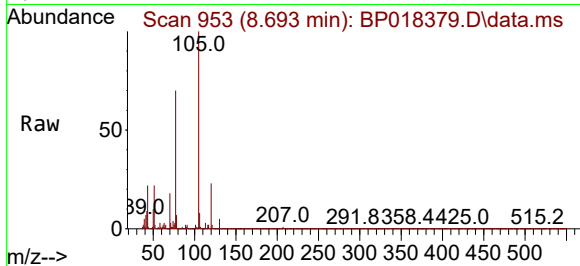




#16
Acetophenone
Concen: 21.060 ng/ul
RT: 8.693 min Scan# 911
Delta R.T. 0.000 min
Lab File: BP018379.D
Acq: 25 Nov 2023 21:32

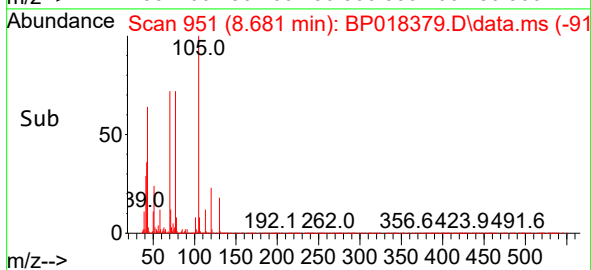
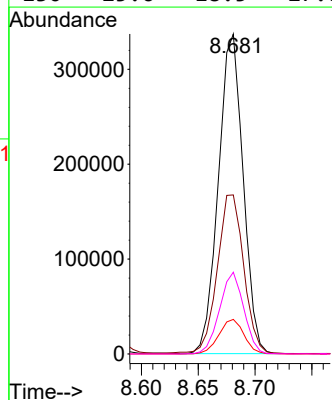
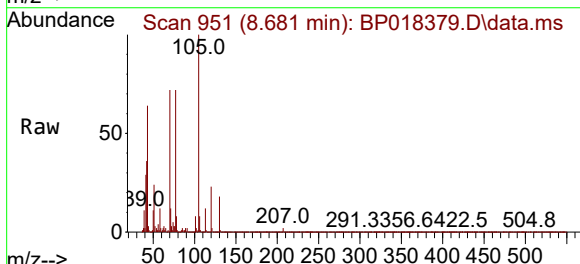
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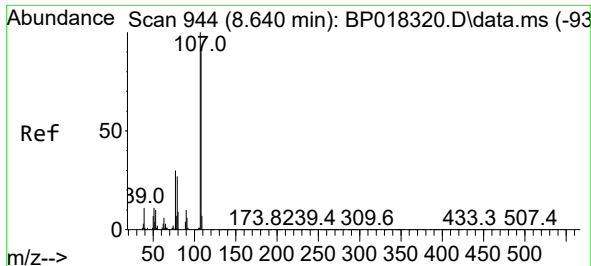
Tgt Ion:105 Resp: 1131175
Ion Ratio Lower Upper
105 100
77 69.8 59.5 89.3
51 21.7 20.5 30.7



#17
N-Nitroso-di-n-propylamine
Concen: 17.006 ng/ul
RT: 8.681 min Scan# 951
Delta R.T. -0.006 min
Lab File: BP018379.D
Acq: 25 Nov 2023 21:32

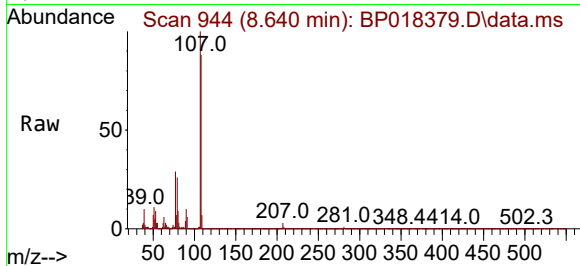
Tgt Ion: 70 Resp: 510257
Ion Ratio Lower Upper
70 100
42 49.7 46.8 70.2
101 10.8 8.4 12.6
130 25.6 18.5 27.7



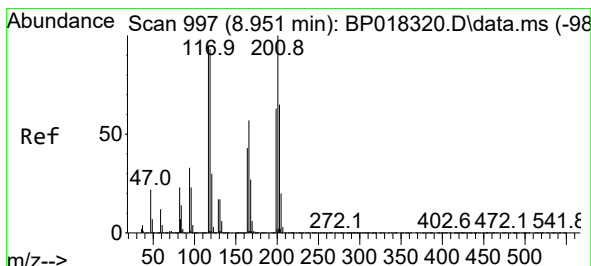
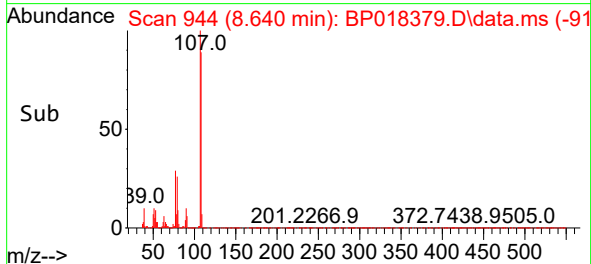
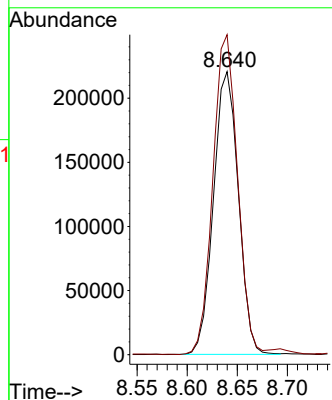


#18
4-Methylphenol
Concen: 10.738 ng/ul
RT: 8.640 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP018379.D
Acq: 25 Nov 2023 21:32

Instrument :
BNA_P
ClientSampleId :

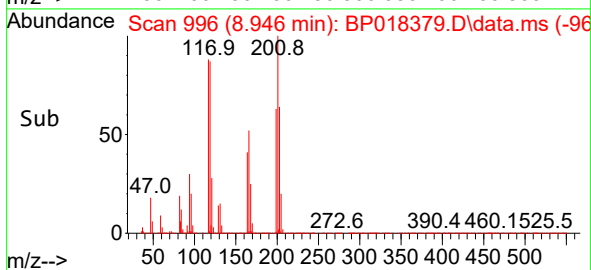
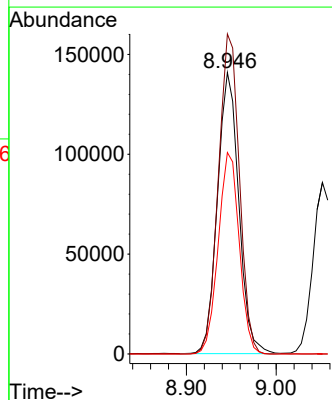
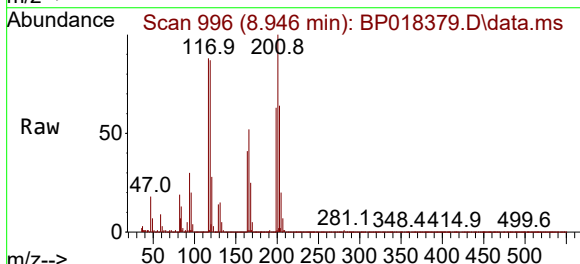


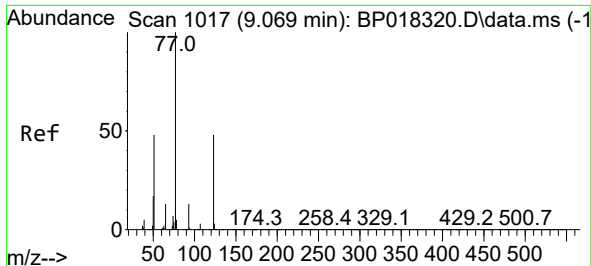
Tgt Ion:108 Resp: 381085
Ion Ratio Lower Upper
108 100
107 113.0 89.5 134.3



#19
Hexachloroethane
Concen: 15.179 ng/ul
RT: 8.946 min Scan# 996
Delta R.T. -0.006 min
Lab File: BP018379.D
Acq: 25 Nov 2023 21:32

Tgt Ion:117 Resp: 232246
Ion Ratio Lower Upper
117 100
201 113.7 85.6 128.4
199 71.6 54.2 81.4

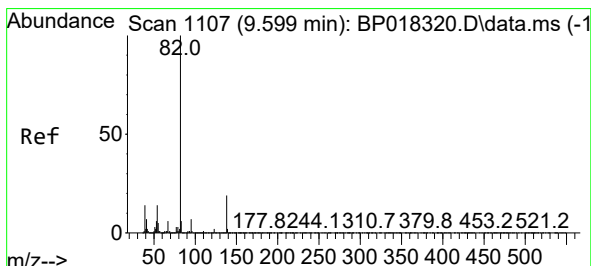
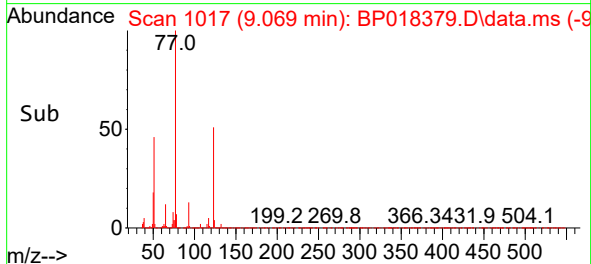
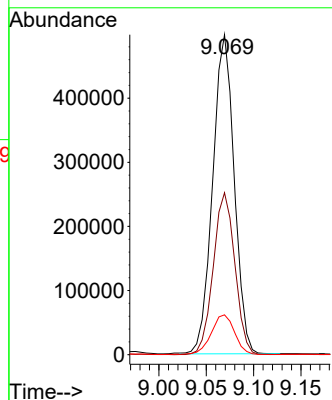
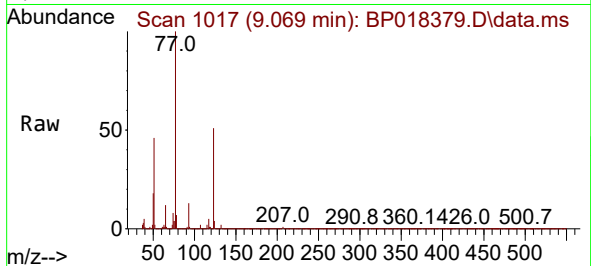




#22
Nitrobenzene
Concen: 24.561 ng/ul
RT: 9.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP018379.D
Acq: 25 Nov 2023 21:32

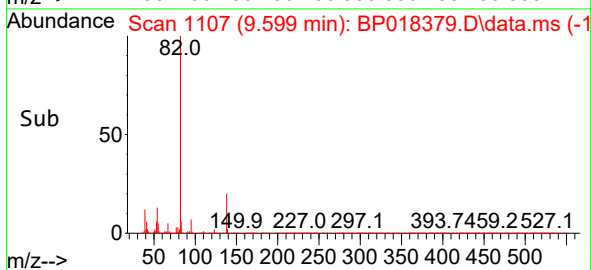
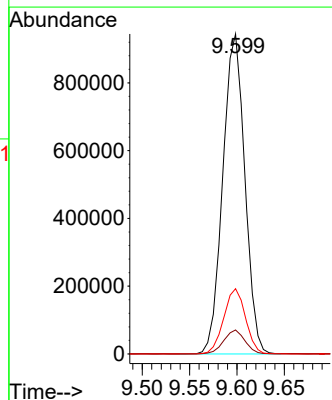
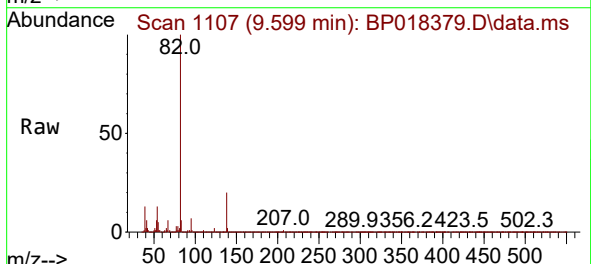
Instrument :
BNA_P
ClientSampleId :

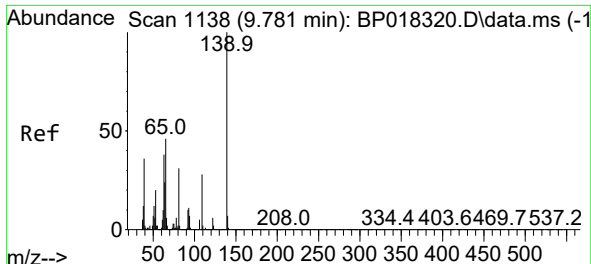
Tgt Ion: 77 Resp: 786943
Ion Ratio Lower Upper
77 100
123 50.6 37.7 56.5
65 12.4 10.5 15.7



#23
Isophorone
Concen: 21.399 ng/ul
RT: 9.599 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BP018379.D
Acq: 25 Nov 2023 21:32

Tgt Ion: 82 Resp: 1528126
Ion Ratio Lower Upper
82 100
95 7.5 5.8 8.6
138 20.4 14.9 22.3

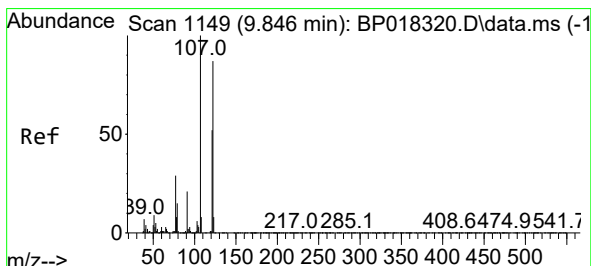
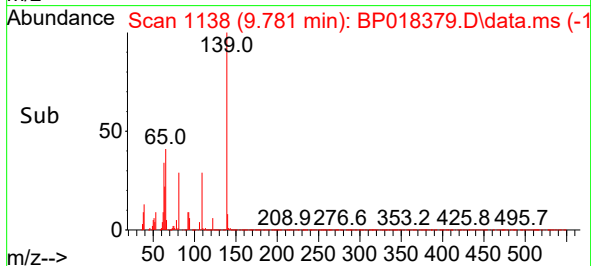
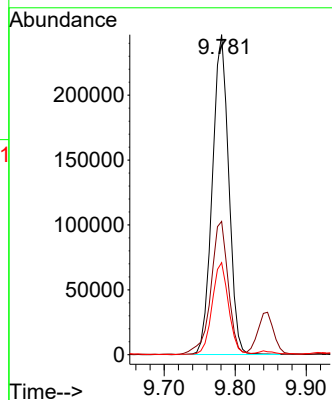
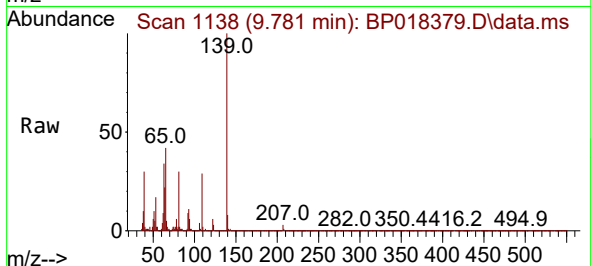




#25
2-Nitrophenol
Concen: 27.782 ng/ul
RT: 9.781 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BP018379.D
Acq: 25 Nov 2023 21:32

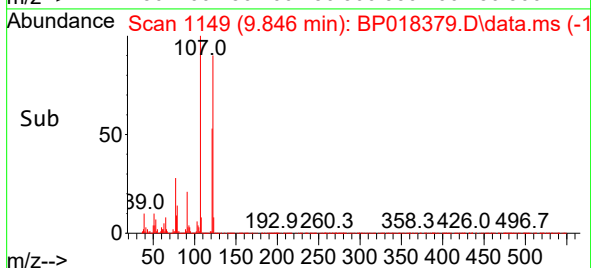
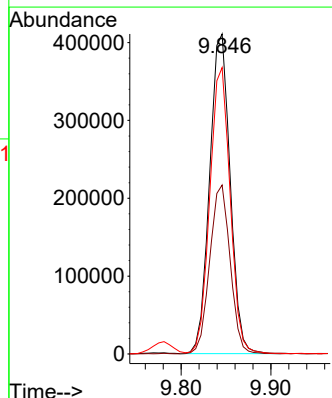
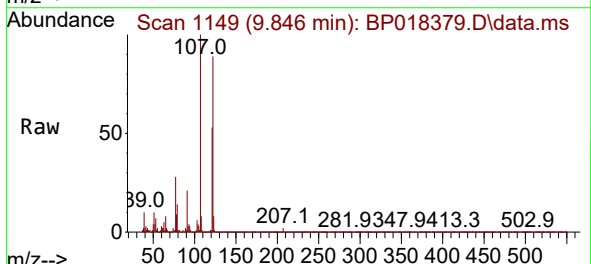
Instrument :
BNA_P
ClientSampleId :

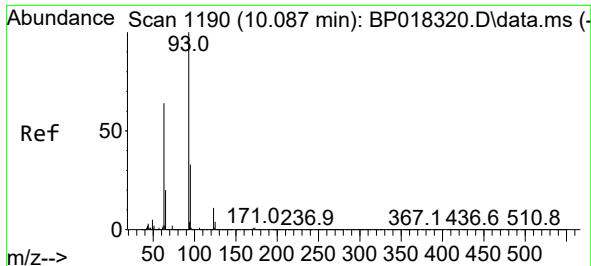
Tgt Ion:139 Resp: 394808
Ion Ratio Lower Upper
139 100
65 41.6 38.3 57.5
109 28.7 23.4 35.0



#26
2,4-Dimethylphenol
Concen: 20.417 ng/ul
RT: 9.846 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BP018379.D
Acq: 25 Nov 2023 21:32

Tgt Ion:107 Resp: 651432
Ion Ratio Lower Upper
107 100
121 52.8 40.0 60.0
122 89.5 70.4 105.6

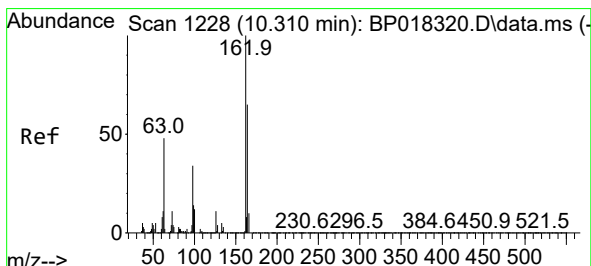
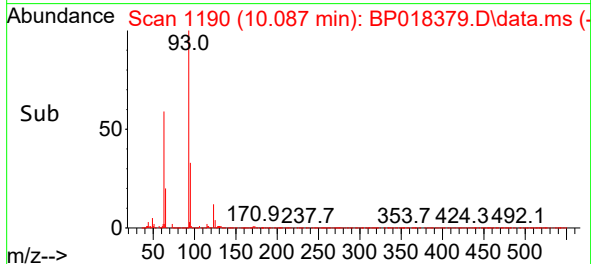
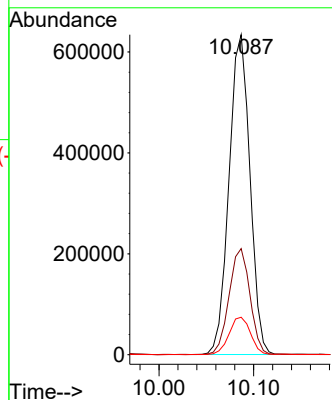
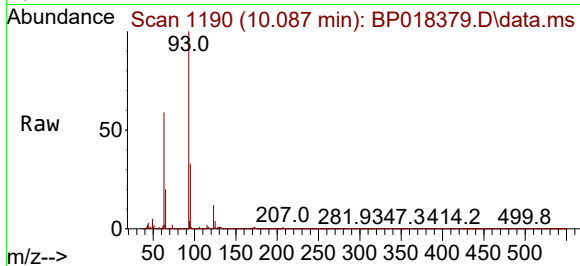




#27
Bis(2-Chloroethoxy)methane
Concen: 22.573 ng/ul
RT: 10.087 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BP018379.D
Acq: 25 Nov 2023 21:32

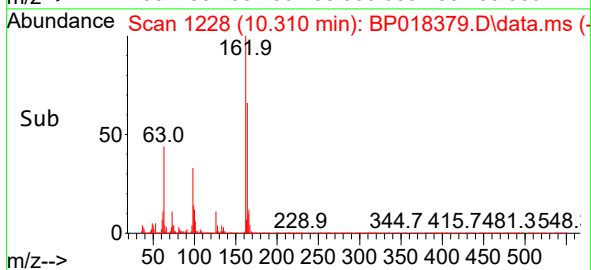
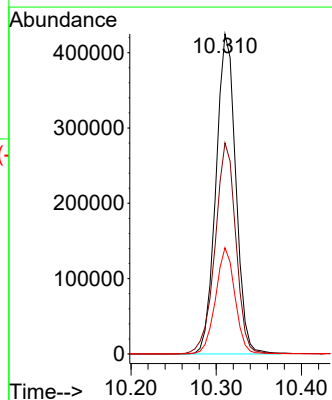
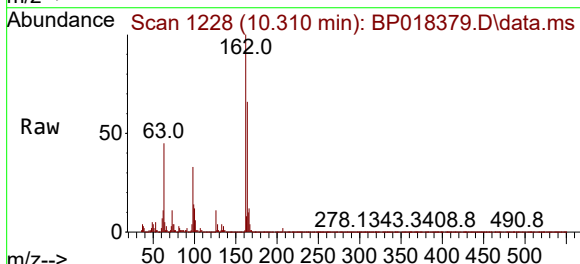
Instrument :
BNA_P
ClientSampleId :

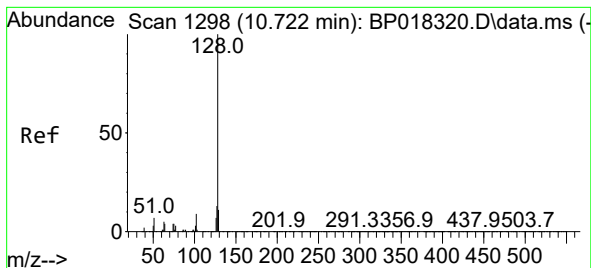
Tgt Ion: 93 Resp: 973517
Ion Ratio Lower Upper
93 100
95 33.2 26.0 39.0
123 11.7 9.1 13.7



#29
2,4-Dichlorophenol
Concen: 23.524 ng/ul
RT: 10.310 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BP018379.D
Acq: 25 Nov 2023 21:32

Tgt Ion: 162 Resp: 686627
Ion Ratio Lower Upper
162 100
164 65.9 53.0 79.6
98 33.2 27.7 41.5





#30

Naphthalene

Concen: 23.192 ng/ul

RT: 10.716 min Scan# 1297

Delta R.T. -0.006 min

Lab File: BP018379.D

Acq: 25 Nov 2023 21:32

Instrument :

BNA_P

ClientSampleId :

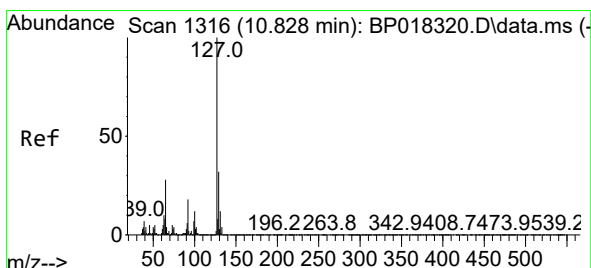
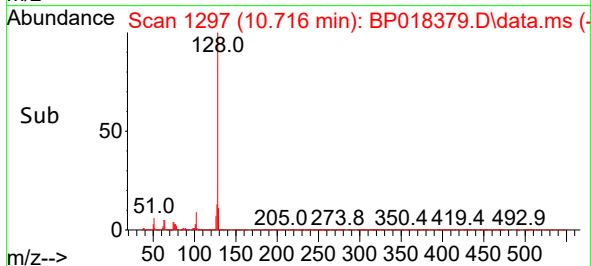
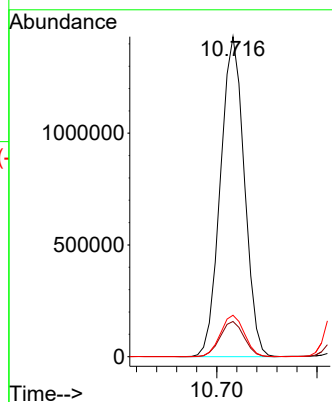
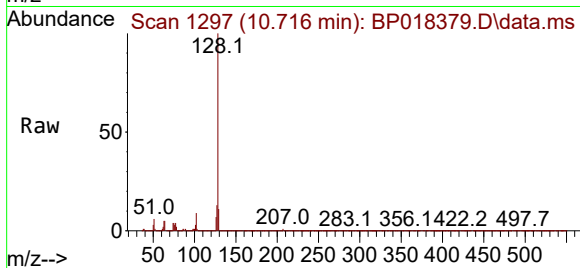
Tgt Ion:128 Resp: 2361796

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

127 12.9 10.4 15.6



#32

4-Chloroaniline

Concen: 20.284 ng/ul

RT: 10.828 min Scan# 1316

Delta R.T. 0.000 min

Lab File: BP018379.D

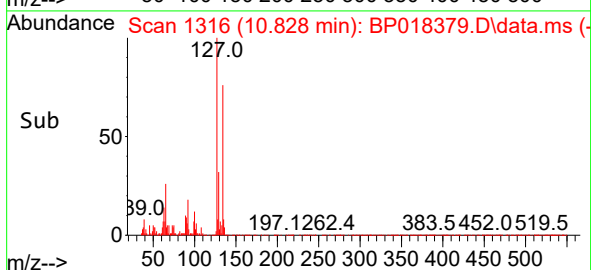
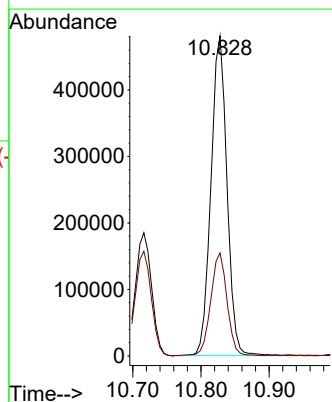
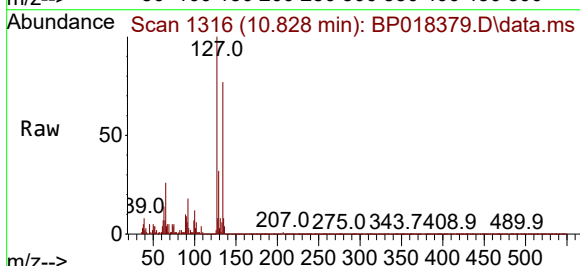
Acq: 25 Nov 2023 21:32

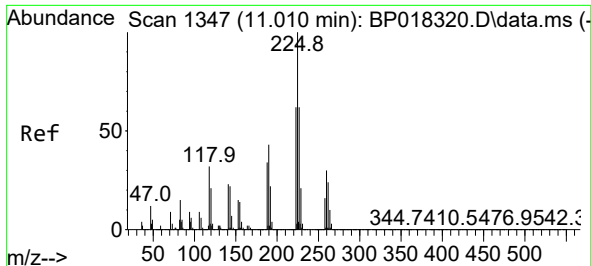
Tgt Ion:127 Resp: 786659

Ion Ratio Lower Upper

127 100

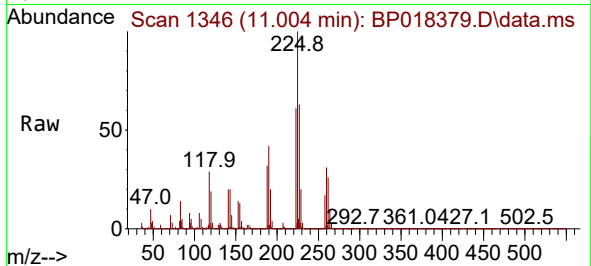
129 32.2 25.8 38.8



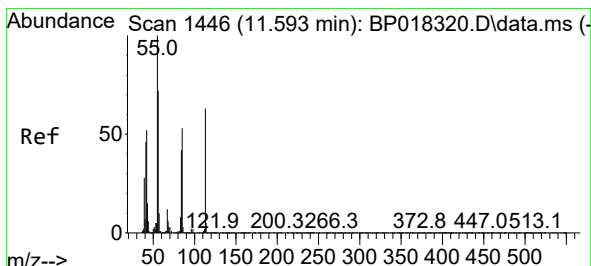
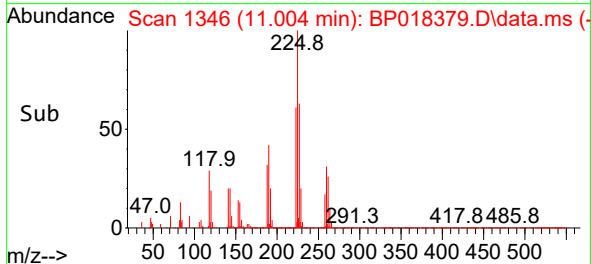
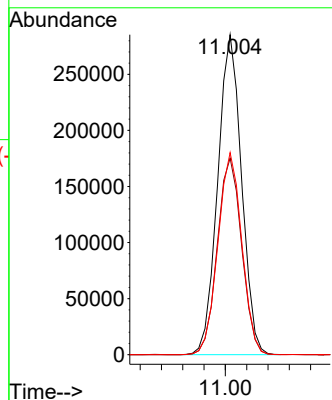


#33
Hexachlorobutadiene
Concen: 22.221 ng/ul
RT: 11.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP018379.D
Acq: 25 Nov 2023 21:32

Instrument :
BNA_P
ClientSampleId :

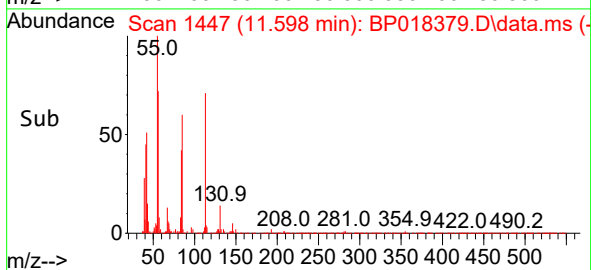
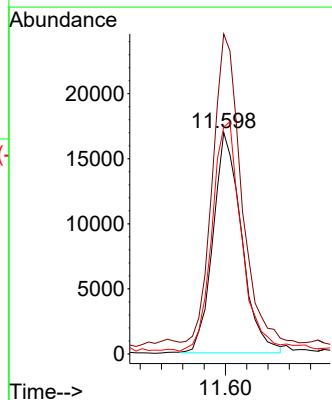
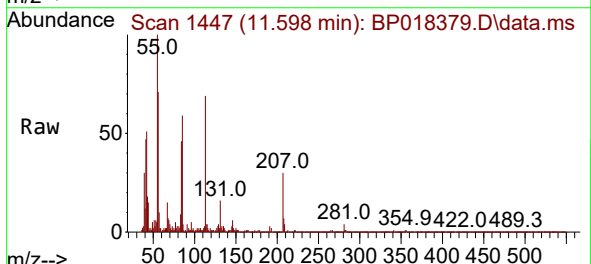


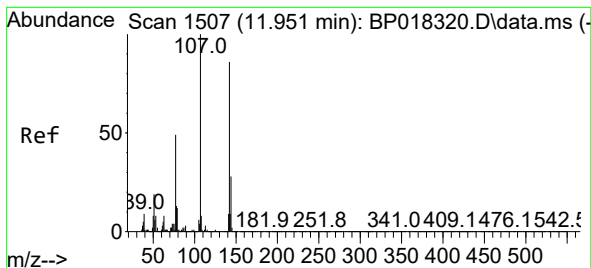
Tgt Ion:225 Resp: 442364
Ion Ratio Lower Upper
225 100
223 61.4 50.2 75.4
227 63.1 50.4 75.6



#34
Caprolactam
Concen: 3.750 ng/ul
RT: 11.598 min Scan# 1447
Delta R.T. 0.012 min
Lab File: BP018379.D
Acq: 25 Nov 2023 21:32

Tgt Ion:113 Resp: 31541
Ion Ratio Lower Upper
113 100
55 144.5 129.0 193.4
56 102.3 94.8 142.2

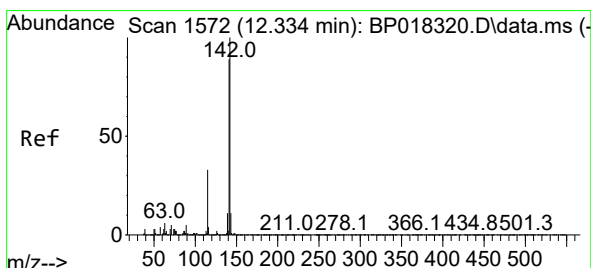
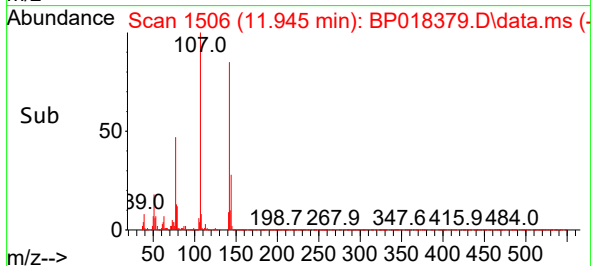
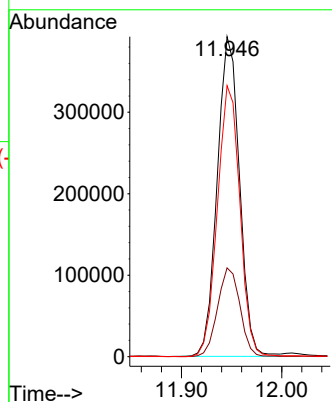
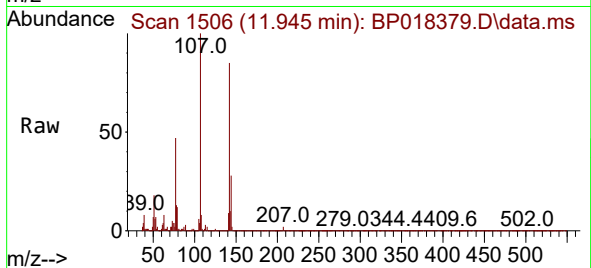




#35
4-Chloro-3-methylphenol
Concen: 19.392 ng/ul
RT: 11.945 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BP018379.D
Acq: 25 Nov 2023 21:32

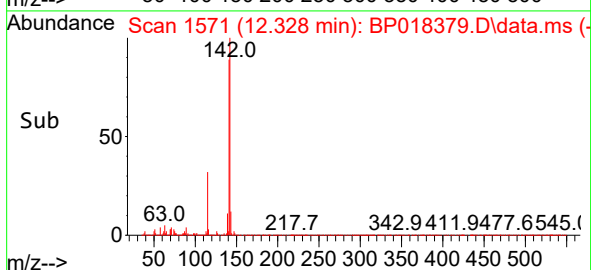
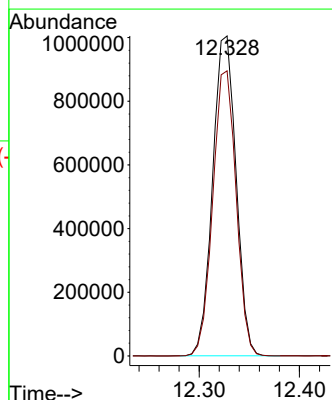
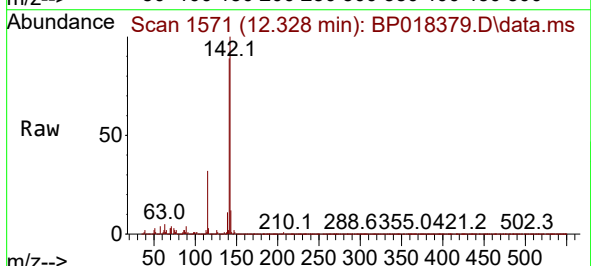
Instrument :
BNA_P
ClientSampleId :

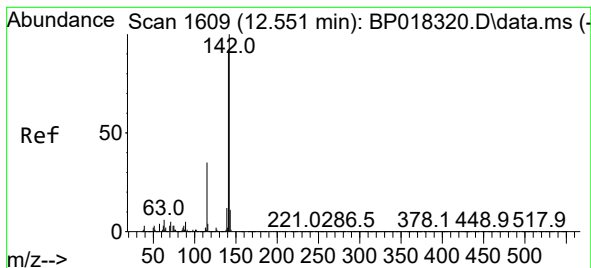
Tgt Ion:107 Resp: 605185
Ion Ratio Lower Upper
107 100
144 27.8 21.6 32.4
142 84.7 65.4 98.0



#36
2-Methylnaphthalene
Concen: 22.653 ng/ul
RT: 12.328 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BP018379.D
Acq: 25 Nov 2023 21:32

Tgt Ion:142 Resp: 1632704
Ion Ratio Lower Upper
142 100
141 89.1 71.0 106.4





#37

1-Methylnaphthalene

Concen: 22.698 ng/ul

RT: 12.545 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP018379.D

Acq: 25 Nov 2023 21:32

Instrument :

BNA_P

ClientSampleId :

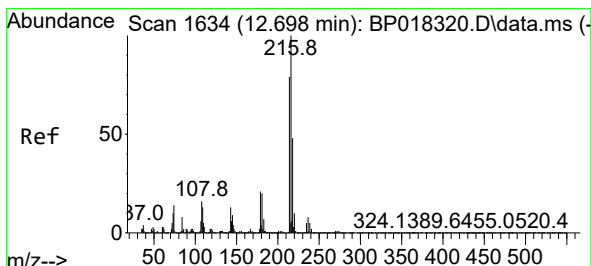
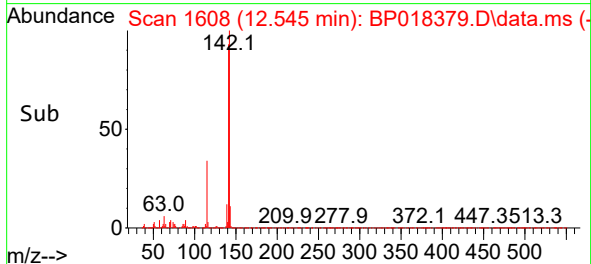
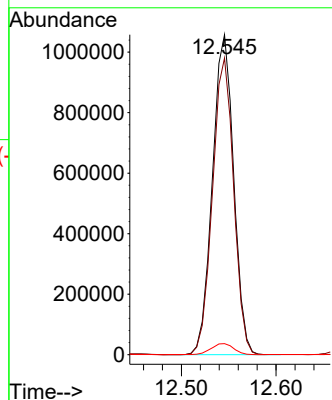
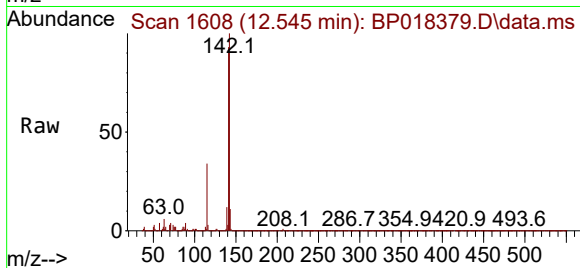
Tgt Ion:142 Resp: 1646687

Ion Ratio Lower Upper

142 100

141 92.7 73.9 110.9

116 3.5 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 28.187 ng/ul

RT: 12.693 min Scan# 1633

Delta R.T. 0.000 min

Lab File: BP018379.D

Acq: 25 Nov 2023 21:32

Tgt Ion:216 Resp: 945331

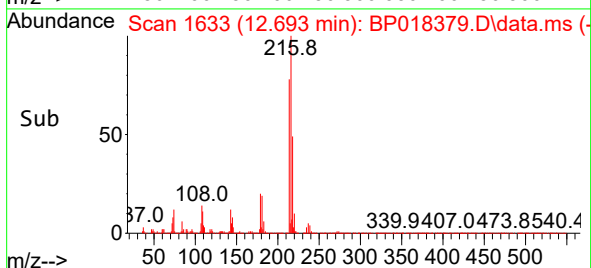
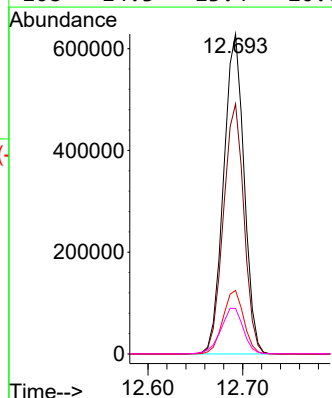
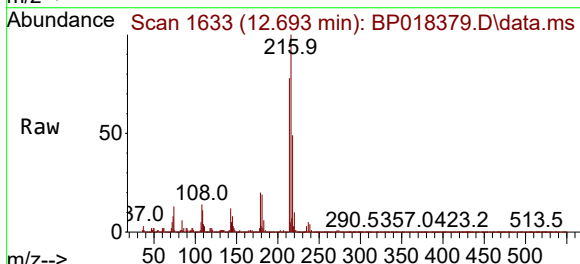
Ion Ratio Lower Upper

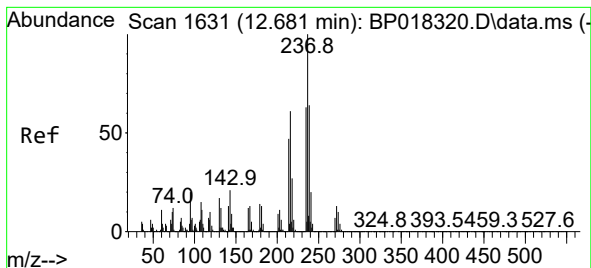
216 100

214 78.1 63.3 94.9

179 19.8 17.3 25.9

108 14.3 13.4 20.0





#40

Hexachlorocyclopentadiene

Concen: 19.010 ng/ul

RT: 12.675 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP018379.D

Acq: 25 Nov 2023 21:32

Instrument :

BNA_P

ClientSampleId :

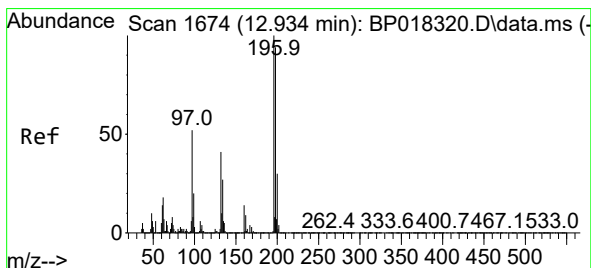
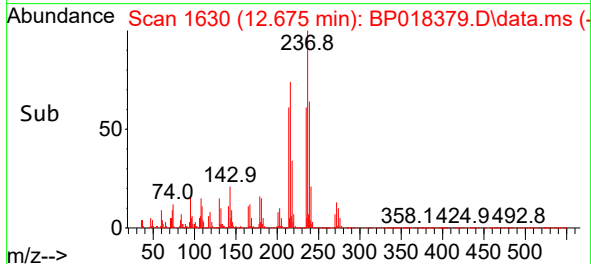
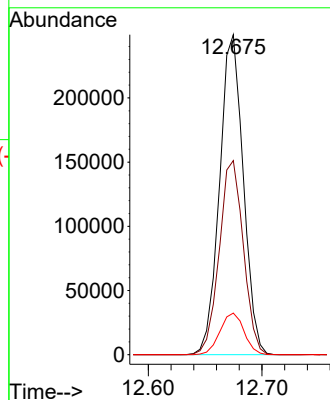
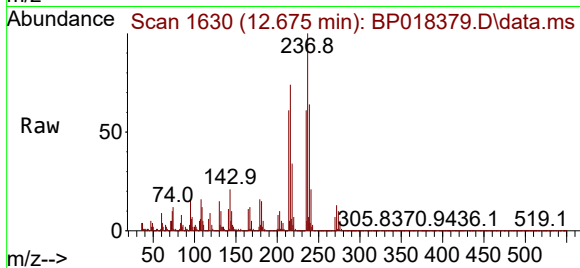
Tgt Ion:237 Resp: 361092

Ion Ratio Lower Upper

237 100

235 60.7 50.7 76.1

272 13.8 10.3 15.5



#41

2,4,6-Trichlorophenol

Concen: 30.726 ng/ul

RT: 12.928 min Scan# 1673

Delta R.T. -0.006 min

Lab File: BP018379.D

Acq: 25 Nov 2023 21:32

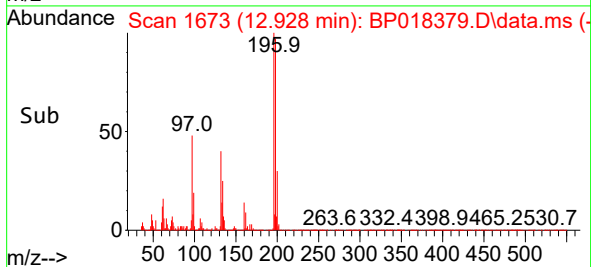
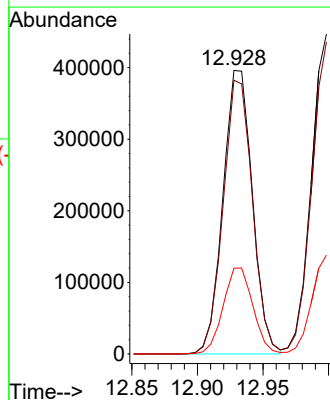
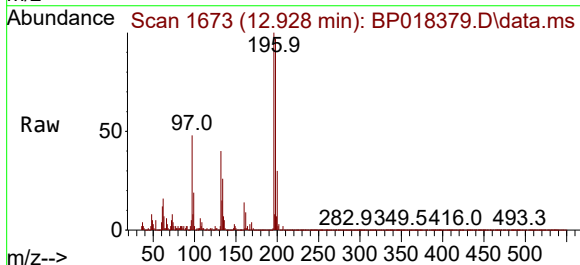
Tgt Ion:196 Resp: 618864

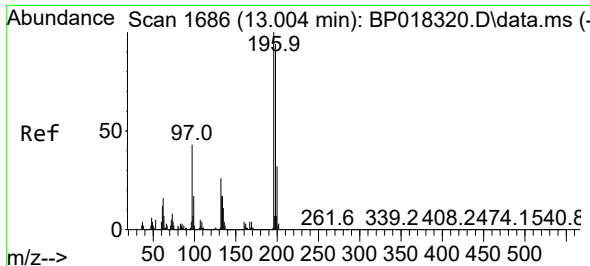
Ion Ratio Lower Upper

196 100

198 96.5 78.0 117.0

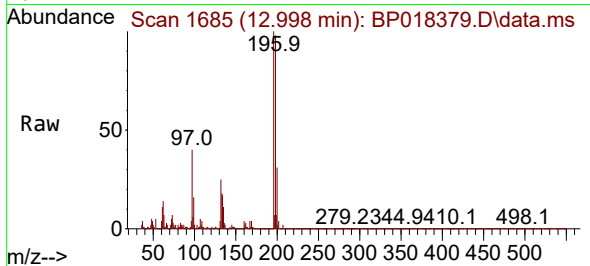
200 30.3 24.6 37.0



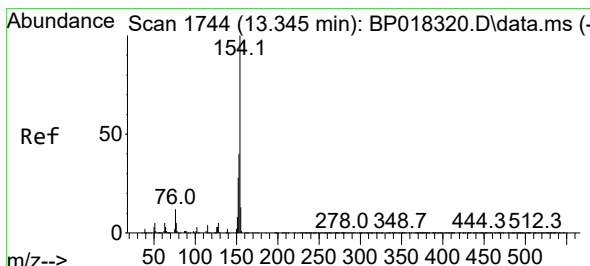
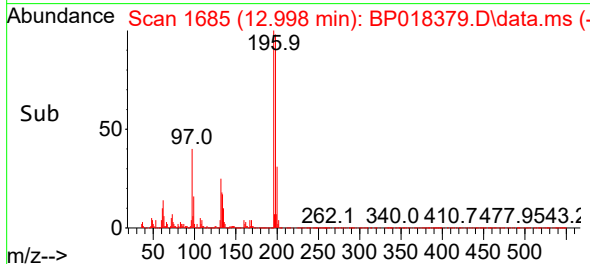
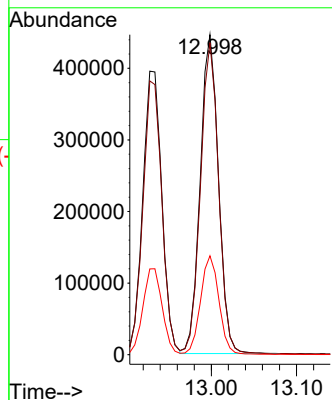


#42
2,4,5-Trichlorophenol
Concen: 30.511 ng/ul
RT: 12.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP018379.D
Acq: 25 Nov 2023 21:32

Instrument :
BNA_P
ClientSampleId :

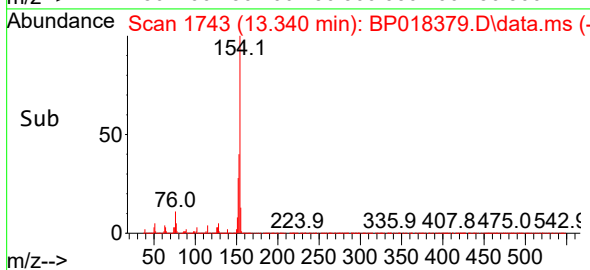
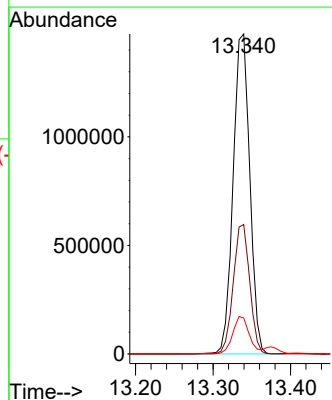
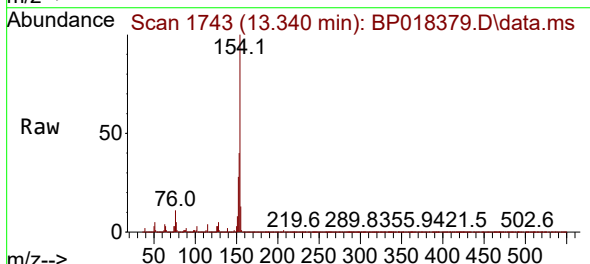


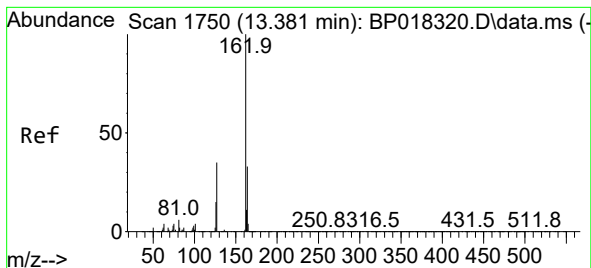
Tgt Ion:196 Resp: 664508
Ion Ratio Lower Upper
196 100
198 97.5 76.7 115.1
200 30.9 24.6 36.8



#43
1,1'-Biphenyl
Concen: 26.623 ng/ul
RT: 13.340 min Scan# 1743
Delta R.T. 0.000 min
Lab File: BP018379.D
Acq: 25 Nov 2023 21:32

Tgt Ion:154 Resp: 2202707
Ion Ratio Lower Upper
154 100
153 40.5 32.2 48.2
76 11.3 9.9 14.9





#44

2-Chloronaphthalene

Concen: 26.924 ng/ul

RT: 13.375 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP018379.D

Acq: 25 Nov 2023 21:32

Instrument :

BNA_P

ClientSampleId :

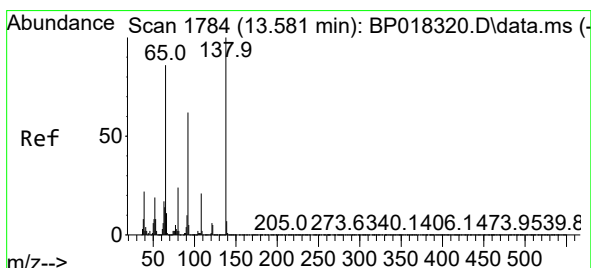
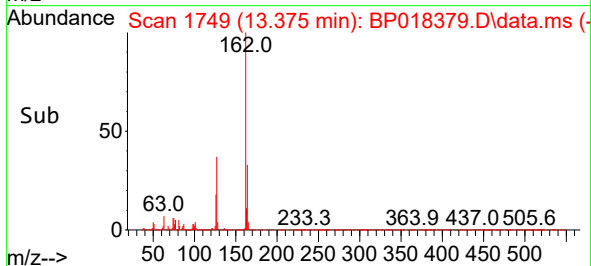
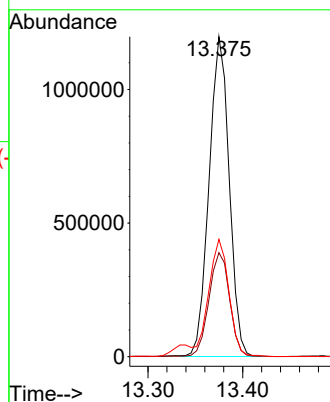
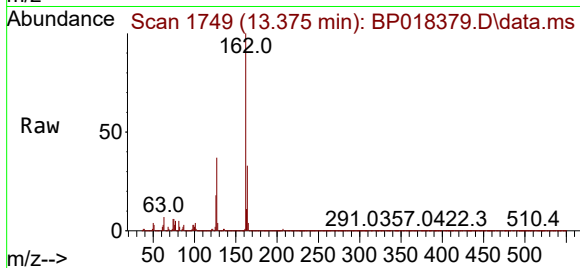
Tgt Ion:162 Resp: 1763060

Ion Ratio Lower Upper

162 100

164 32.5 26.2 39.4

127 36.7 30.6 45.8



#45

2-Nitroaniline

Concen: 30.253 ng/ul

RT: 13.581 min Scan# 1784

Delta R.T. 0.000 min

Lab File: BP018379.D

Acq: 25 Nov 2023 21:32

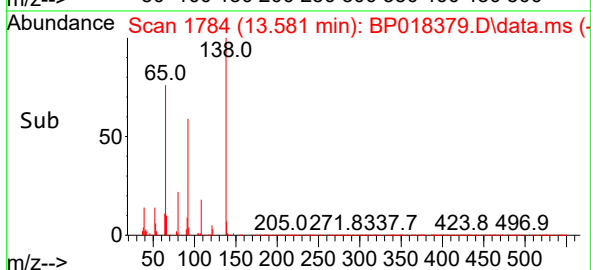
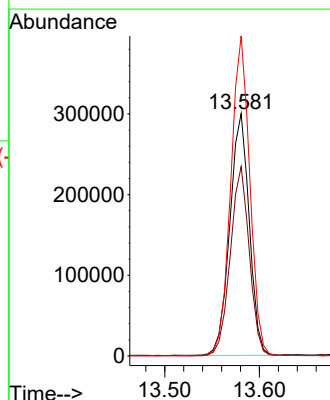
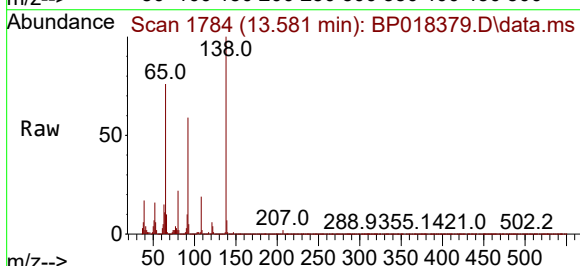
Tgt Ion: 65 Resp: 426275

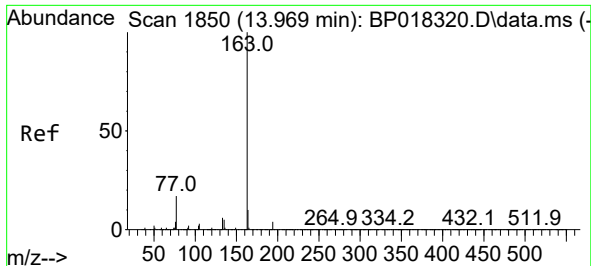
Ion Ratio Lower Upper

65 100

92 78.1 57.4 86.2

138 132.0 90.6 136.0

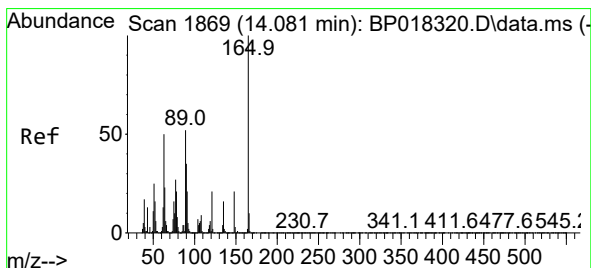
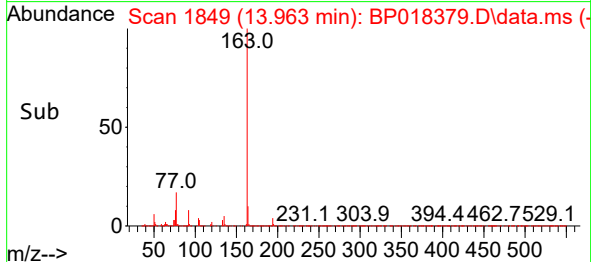
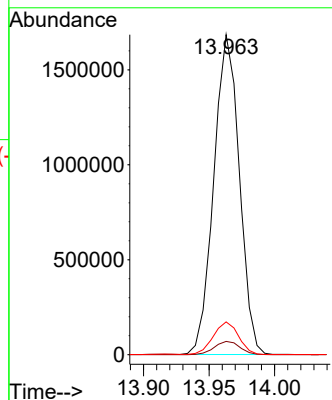
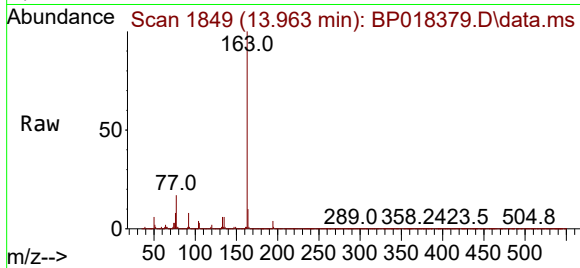




#47
Dimethylphthalate
Concen: 27.588 ng/ul
RT: 13.963 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BP018379.D
Acq: 25 Nov 2023 21:32

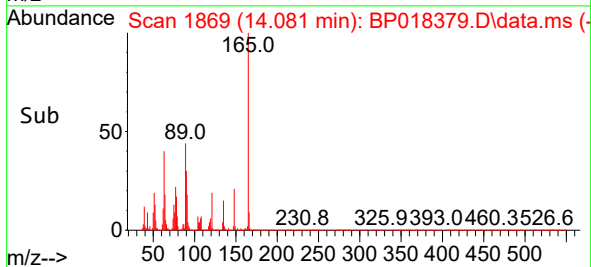
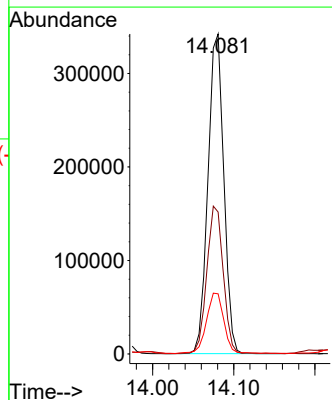
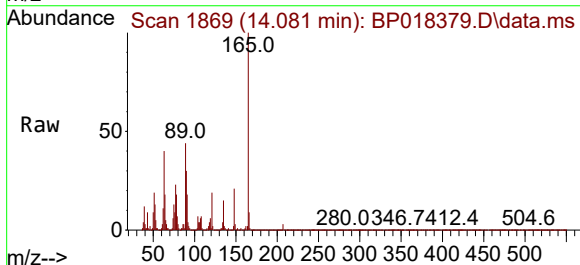
Instrument :
BNA_P
ClientSampleId :

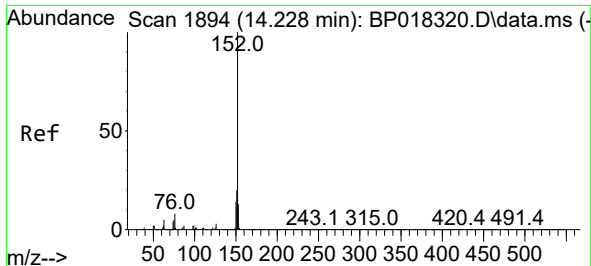
Tgt Ion:163 Resp: 2280795
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.2 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 33.198 ng/ul
RT: 14.081 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BP018379.D
Acq: 25 Nov 2023 21:32

Tgt Ion:165 Resp: 462723
Ion Ratio Lower Upper
165 100
89 44.3 45.8 68.6#
121 18.8 17.8 26.8

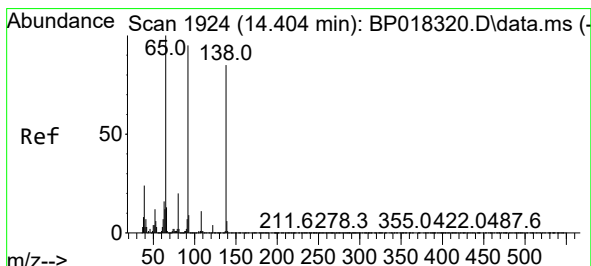
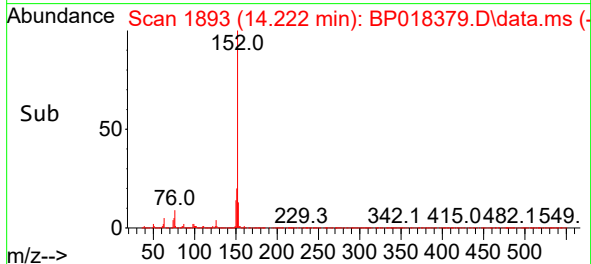
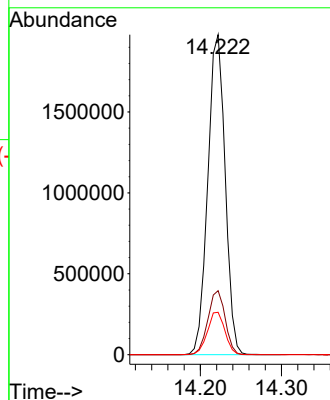
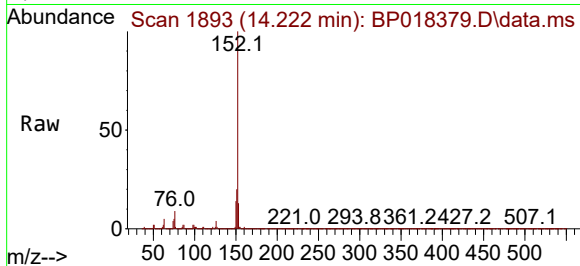




#50
Acenaphthylene
Concen: 27.334 ng/ul
RT: 14.222 min Scan# 1893
Delta R.T. 0.000 min
Lab File: BP018379.D
Acq: 25 Nov 2023 21:32

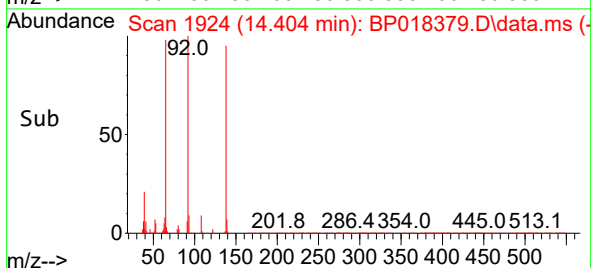
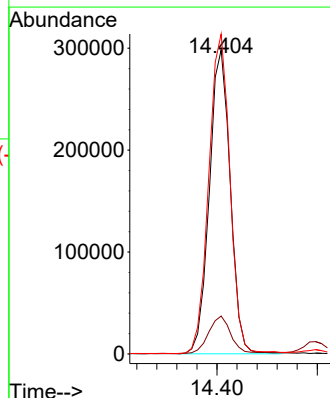
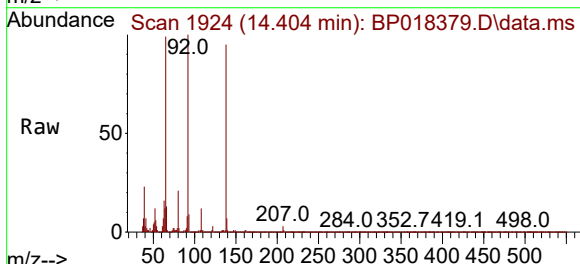
Instrument :
BNA_P
ClientSampleId :

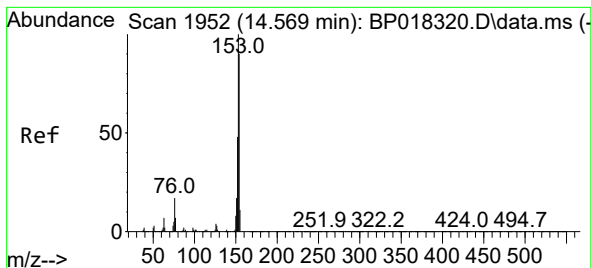
Tgt Ion:152 Resp: 2933391
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.3 10.8 16.2



#51
3-Nitroaniline
Concen: 31.179 ng/ul
RT: 14.404 min Scan# 1924
Delta R.T. 0.000 min
Lab File: BP018379.D
Acq: 25 Nov 2023 21:32

Tgt Ion:138 Resp: 431800
Ion Ratio Lower Upper
138 100
108 12.5 13.2 19.8#
92 105.2 90.2 135.4





#52

Acenaphthene

Concen: 52.331 ng/ul

RT: 14.563 min Scan# 1951

Delta R.T. 0.000 min

Lab File: BP018379.D

Acq: 25 Nov 2023 21:32

Instrument :

BNA_P

ClientSampleId :

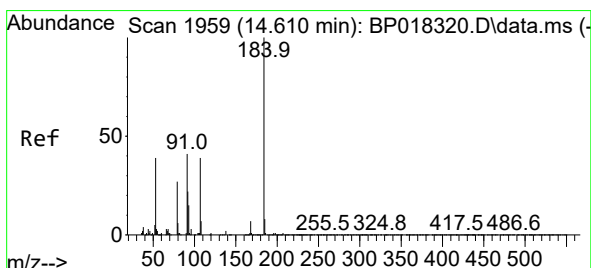
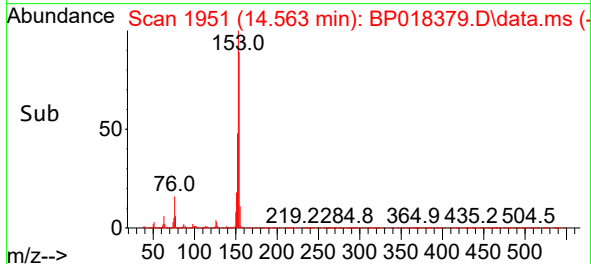
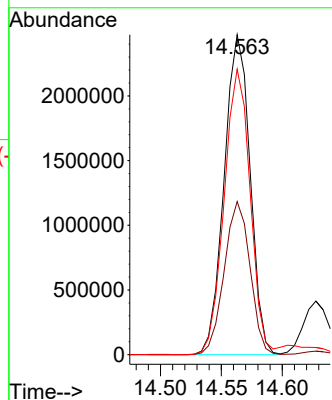
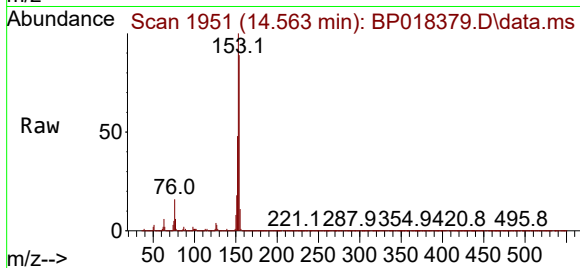
Tgt Ion:153 Resp: 3668700

Ion Ratio Lower Upper

153 100

152 47.9 37.8 56.8

154 89.2 71.2 106.8



#53

2,4-Dinitrophenol

Concen: 34.168 ng/ul

RT: 14.604 min Scan# 1958

Delta R.T. 0.000 min

Lab File: BP018379.D

Acq: 25 Nov 2023 21:32

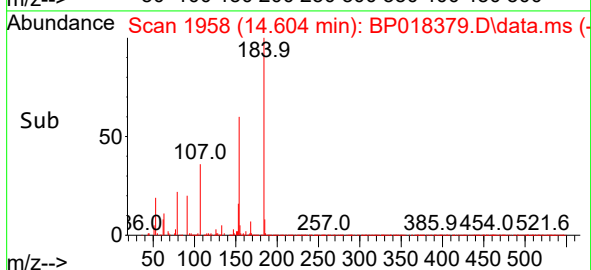
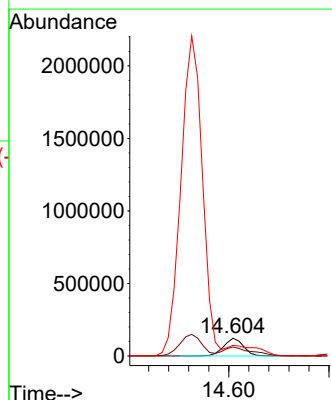
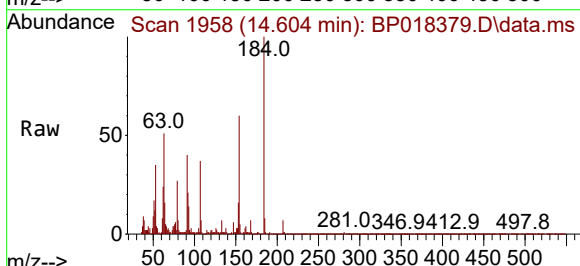
Tgt Ion:184 Resp: 166152

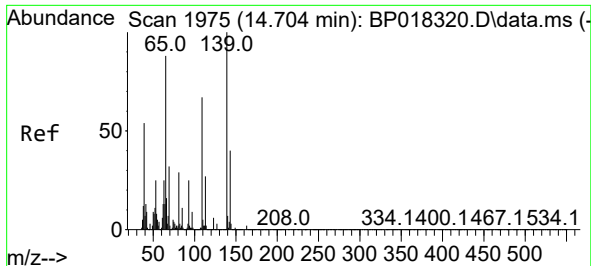
Ion Ratio Lower Upper

184 100

63 51.0 41.8 62.6

154 60.2 47.3 70.9

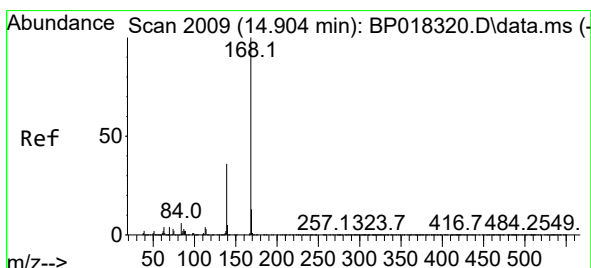
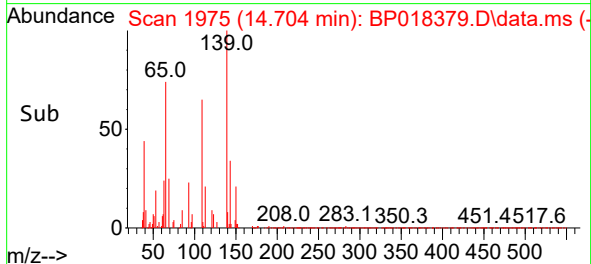
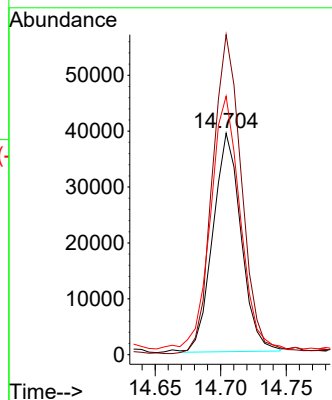
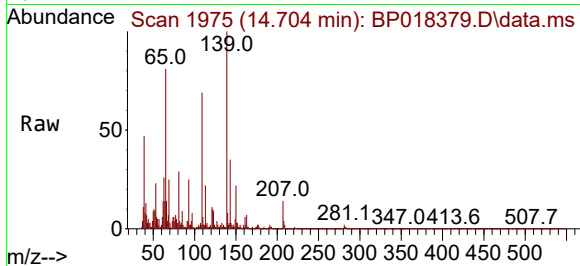




#55
4-Nitrophenol
Concen: 6.752 ng/ul
RT: 14.704 min Scan# 1975
Delta R.T. 0.000 min
Lab File: BP018379.D
Acq: 25 Nov 2023 21:32

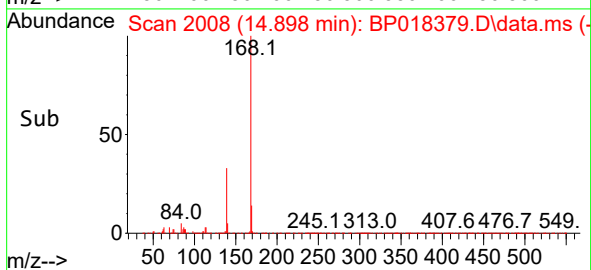
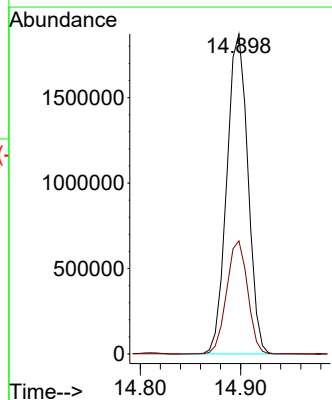
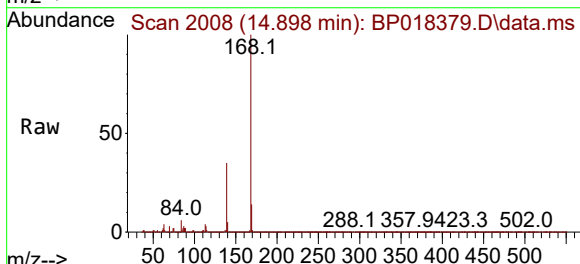
Instrument :
BNA_P
ClientSampleId :

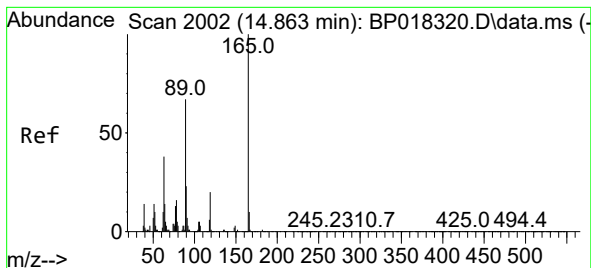
Tgt Ion:109 Resp: 58352
Ion Ratio Lower Upper
109 100
139 144.5 113.0 169.4
65 116.8 99.6 149.4



#56
Dibenzofuran
Concen: 28.463 ng/ul
RT: 14.898 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BP018379.D
Acq: 25 Nov 2023 21:32

Tgt Ion:168 Resp: 2727966
Ion Ratio Lower Upper
168 100
139 35.4 29.0 43.4





#57

2,4-Dinitrotoluene

Concen: 34.587 ng/ul

RT: 14.857 min Scan# 2002

Delta R.T. -0.006 min

Lab File: BP018379.D

Acq: 25 Nov 2023 21:32

Instrument :

BNA_P

ClientSampleId :

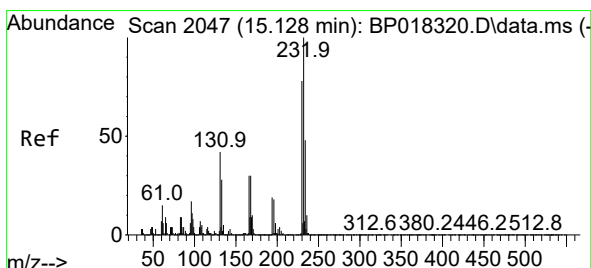
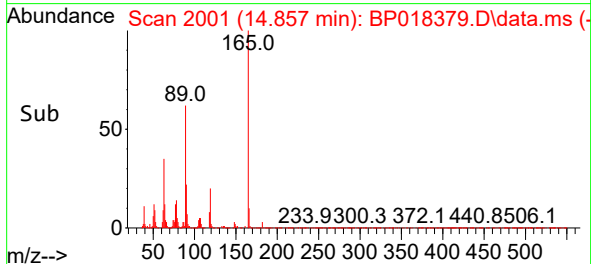
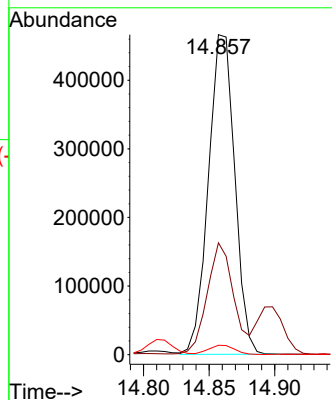
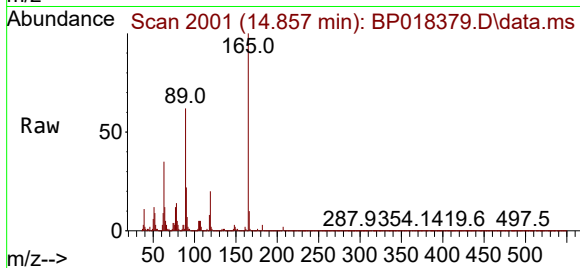
Tgt Ion:165 Resp: 651471

Ion Ratio Lower Upper

165 100

63 34.9 32.1 48.1

182 2.9 2.0 3.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.094 ng/ul

RT: 15.122 min Scan# 2046

Delta R.T. 0.000 min

Lab File: BP018379.D

Acq: 25 Nov 2023 21:32

Tgt Ion:232 Resp: 583158

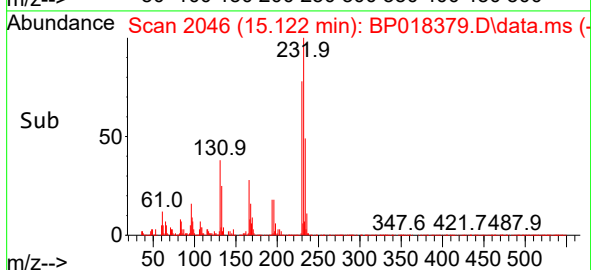
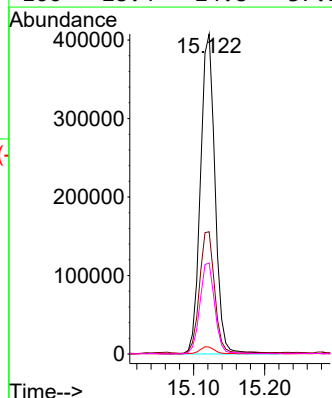
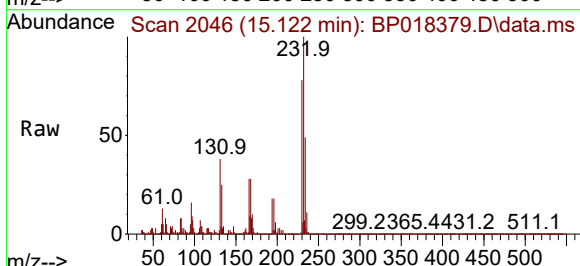
Ion Ratio Lower Upper

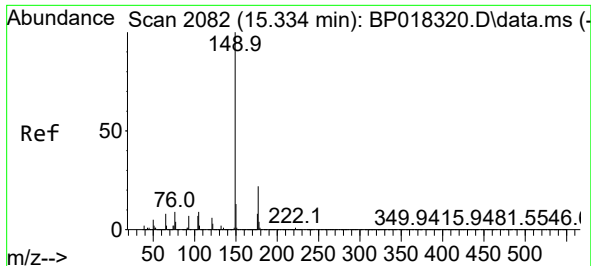
232 100

131 38.2 34.1 51.1

130 2.2 1.8 2.6

166 28.4 24.8 37.2

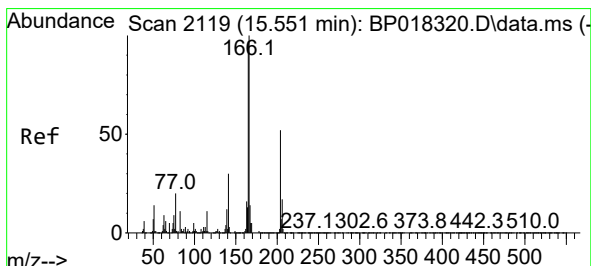
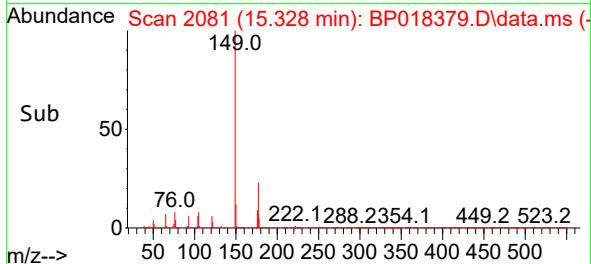
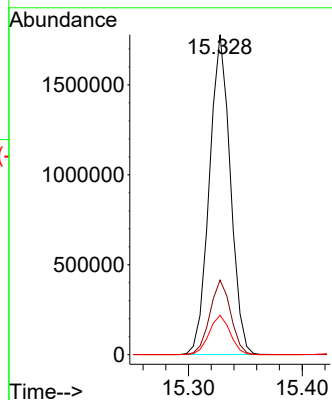
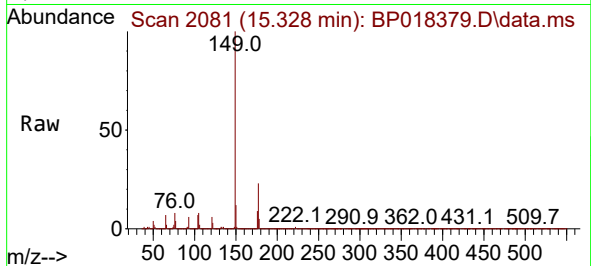




#59
Diethylphthalate
Concen: 27.428 ng/ul
RT: 15.328 min Scan# 2082
Delta R.T. -0.006 min
Lab File: BP018379.D
Acq: 25 Nov 2023 21:32

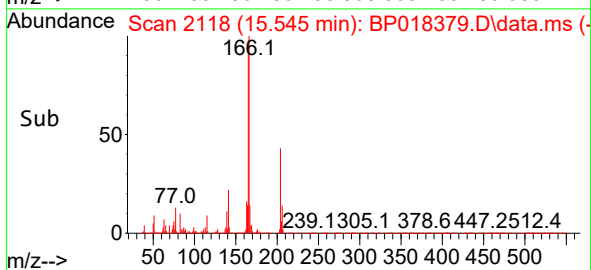
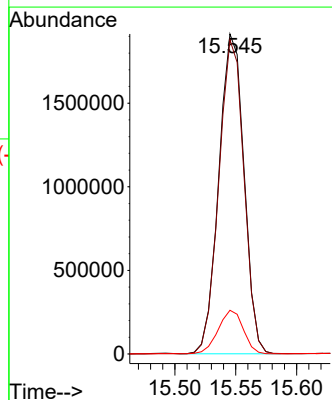
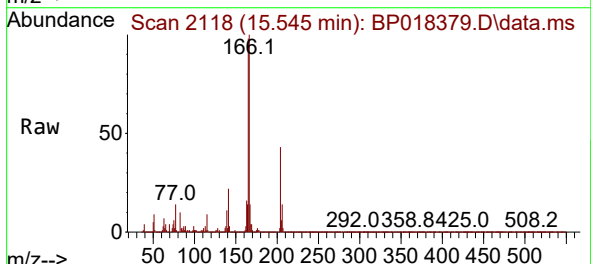
Instrument :
BNA_P
ClientSampleId :

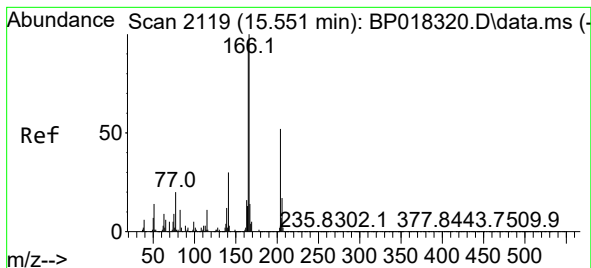
Tgt Ion:149 Resp: 2277862
Ion Ratio Lower Upper
149 100
177 23.3 18.2 27.2
150 12.3 10.2 15.2



#61
Fluorene
Concen: 35.235 ng/ul
RT: 15.545 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP018379.D
Acq: 25 Nov 2023 21:32

Tgt Ion:166 Resp: 2753989
Ion Ratio Lower Upper
166 100
165 98.2 77.5 116.3
167 13.7 10.6 16.0

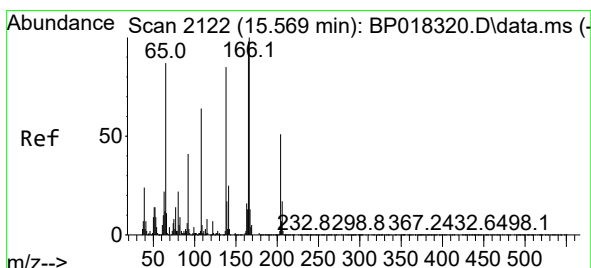
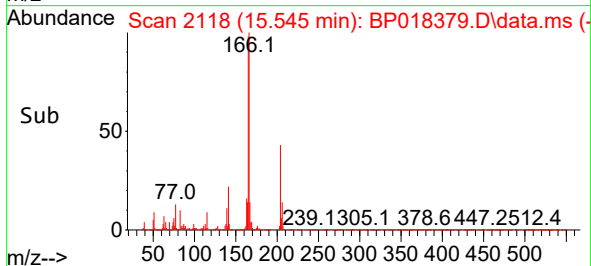
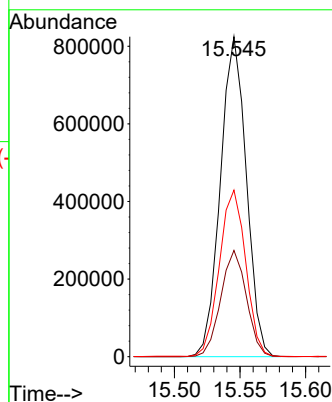
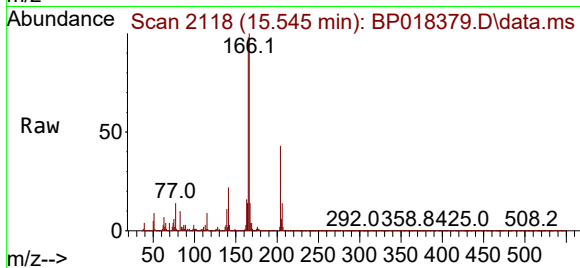




#62
4-Chlorophenyl-phenylether
Concen: 28.555 ng/ul
RT: 15.545 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP018379.D
Acq: 25 Nov 2023 21:32

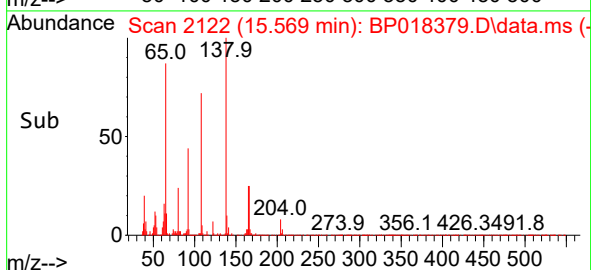
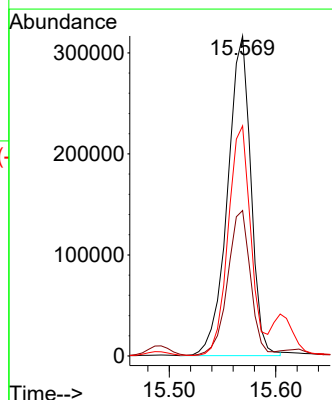
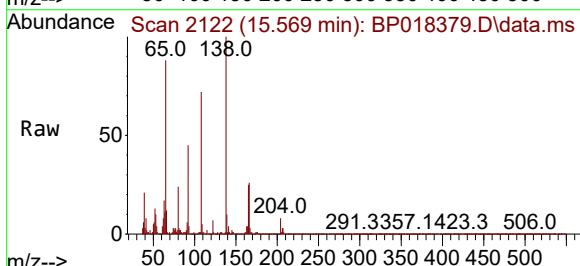
Instrument :
BNA_P
ClientSampleId :

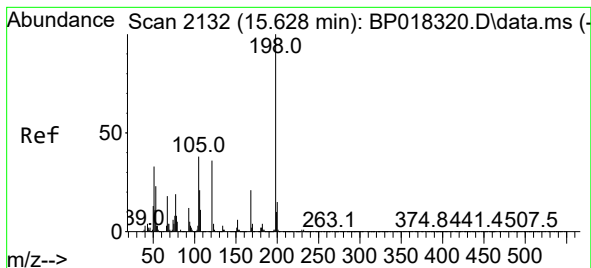
Tgt Ion:204 Resp: 1133327
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 52.0 44.8 67.2



#63
4-Nitroaniline
Concen: 36.734 ng/ul
RT: 15.569 min Scan# 2122
Delta R.T. 0.006 min
Lab File: BP018379.D
Acq: 25 Nov 2023 21:32

Tgt Ion:138 Resp: 480110
Ion Ratio Lower Upper
138 100
92 45.5 39.3 58.9
108 71.9 61.8 92.6

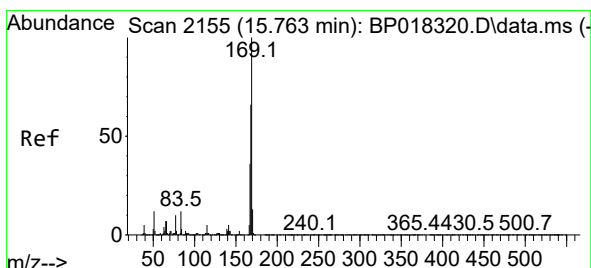
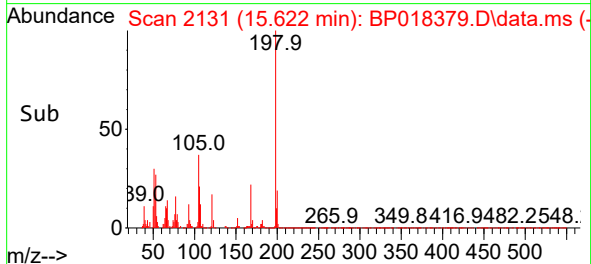
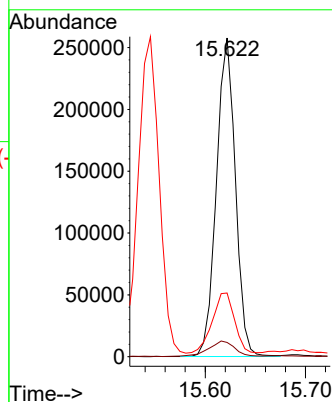
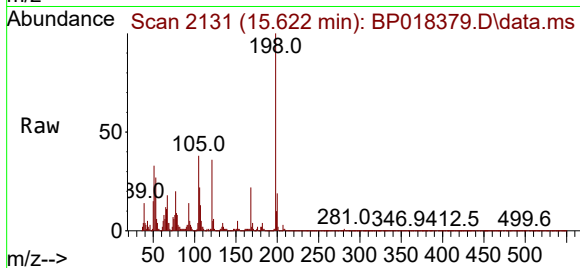




#66
4,6-Dinitro-2-methylphenol
Concen: 34.021 ng/ul
RT: 15.622 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP018379.D
Acq: 25 Nov 2023 21:32

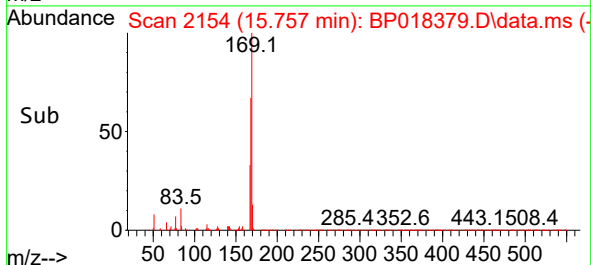
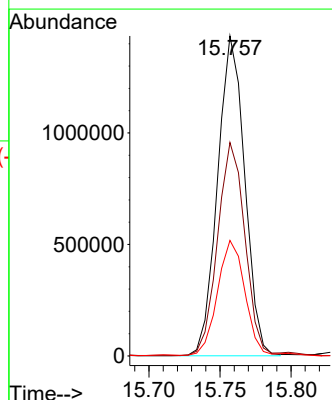
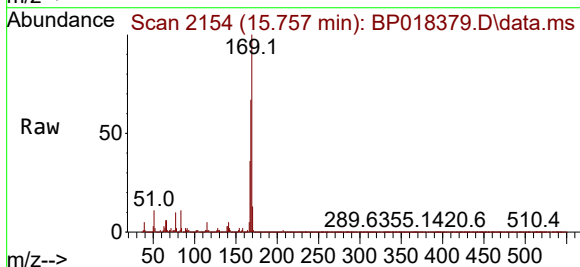
Instrument :
BNA_P
ClientSampleId :

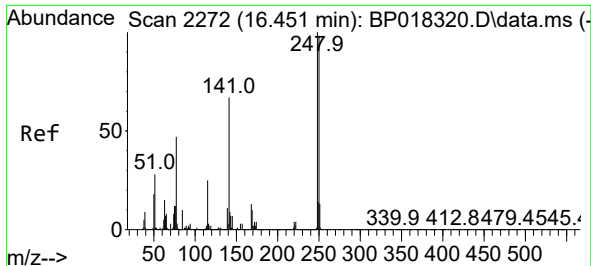
Tgt Ion:198 Resp: 338214
Ion Ratio Lower Upper
198 100
182 4.5 3.0 4.4#
77 20.0 17.3 25.9



#67
N-Nitrosodiphenylamine
Concen: 26.681 ng/ul
RT: 15.757 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BP018379.D
Acq: 25 Nov 2023 21:32

Tgt Ion:169 Resp: 1905117
Ion Ratio Lower Upper
169 100
168 66.7 53.1 79.7
167 36.1 28.8 43.2

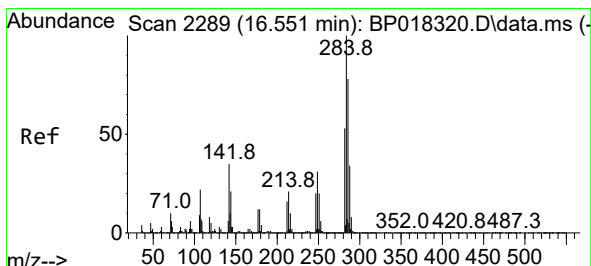
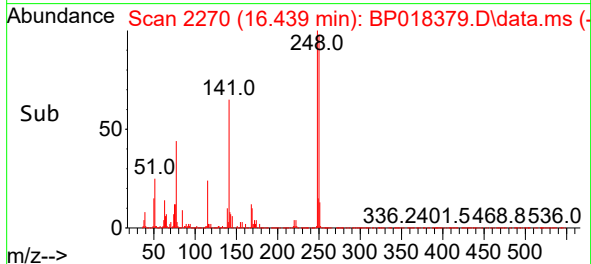
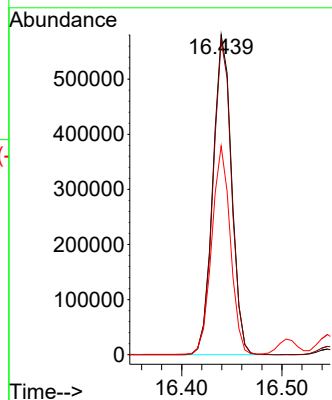
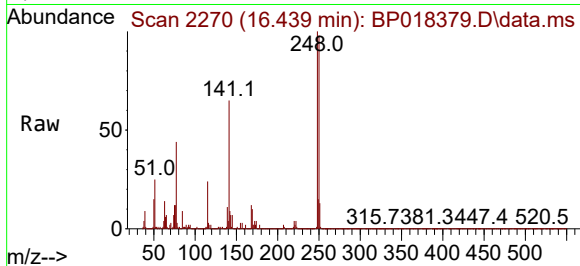




#68
4-Bromophenyl-phenylether
Concen: 28.313 ng/ul
RT: 16.439 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP018379.D
Acq: 25 Nov 2023 21:32

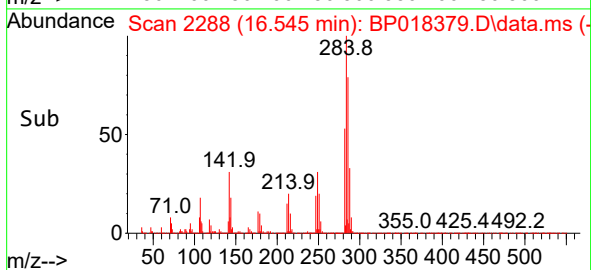
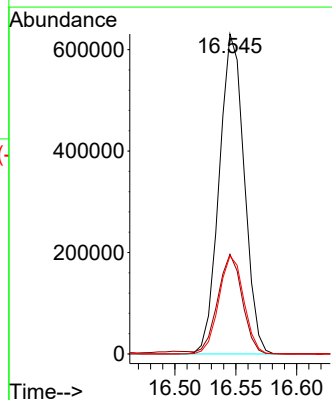
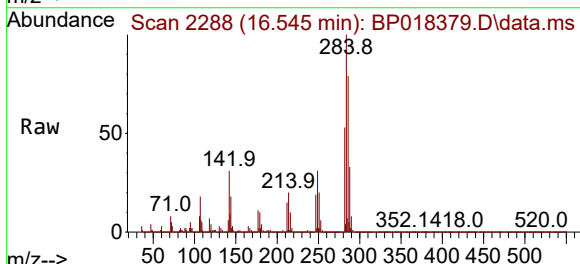
Instrument :
BNA_P
ClientSampleId :

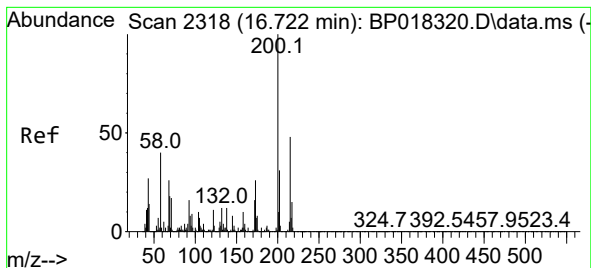
Tgt Ion:248 Resp: 752707
Ion Ratio Lower Upper
248 100
250 98.3 77.4 116.2
141 65.2 56.0 84.0



#69
Hexachlorobenzene
Concen: 30.290 ng/ul
RT: 16.545 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BP018379.D
Acq: 25 Nov 2023 21:32

Tgt Ion:284 Resp: 900244
Ion Ratio Lower Upper
284 100
142 31.2 28.9 43.3
249 30.7 26.0 39.0





#70

Atrazine

Concen: 29.916 ng/ul

RT: 16.716 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP018379.D

Acq: 25 Nov 2023 21:32

Instrument :

BNA_P

ClientSampleId :

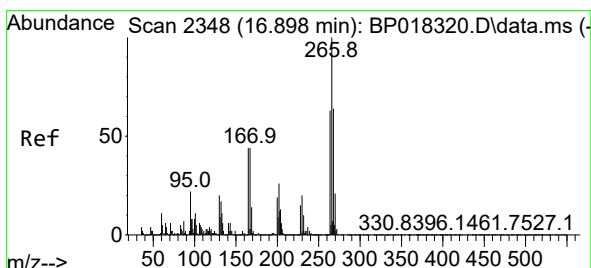
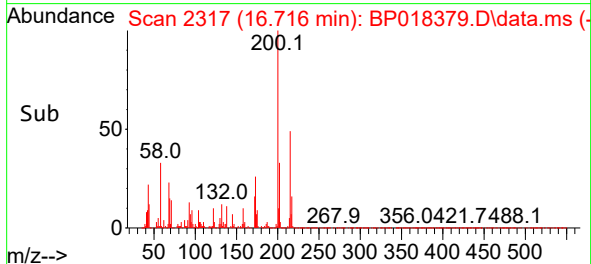
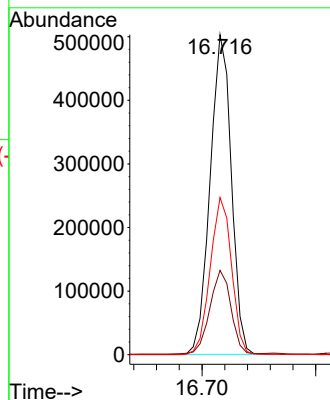
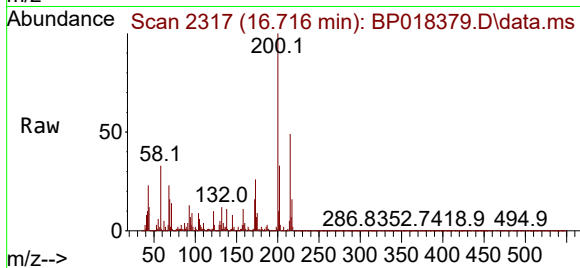
Tgt Ion:200 Resp: 652132

Ion Ratio Lower Upper

200 100

173 26.3 21.1 31.7

215 49.1 38.3 57.5



#71

Pentachlorophenol

Concen: 35.887 ng/ul

RT: 16.892 min Scan# 2347

Delta R.T. 0.000 min

Lab File: BP018379.D

Acq: 25 Nov 2023 21:32

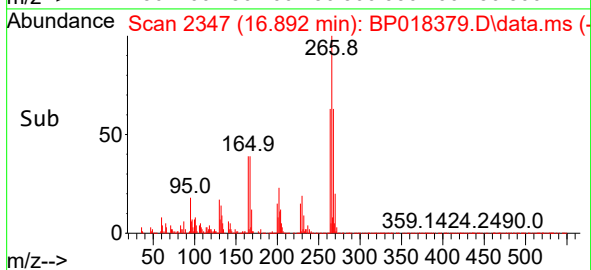
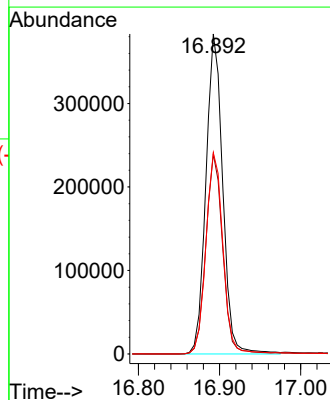
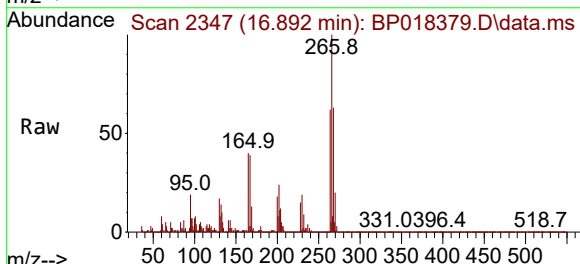
Tgt Ion:266 Resp: 548039

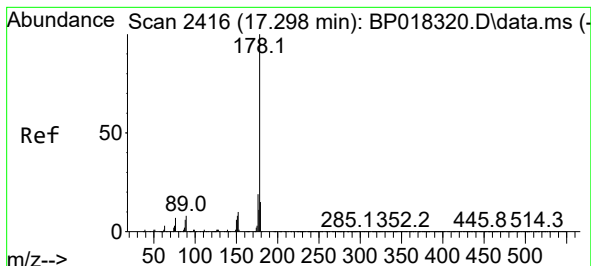
Ion Ratio Lower Upper

266 100

264 62.5 50.1 75.1

268 62.9 50.1 75.1





#72

Phenanthrene

Concen: 29.088 ng/ul

RT: 17.292 min Scan# 2416

Delta R.T. 0.000 min

Lab File: BP018379.D

Acq: 25 Nov 2023 21:32

Instrument :

BNA_P

ClientSampleId :

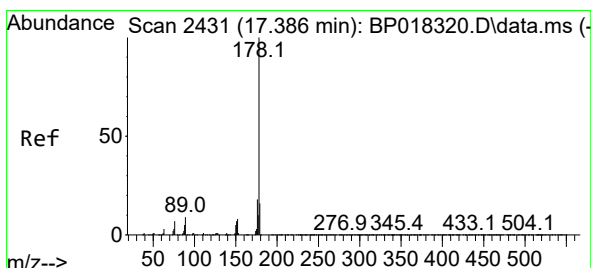
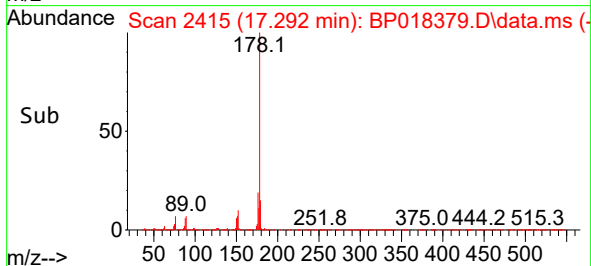
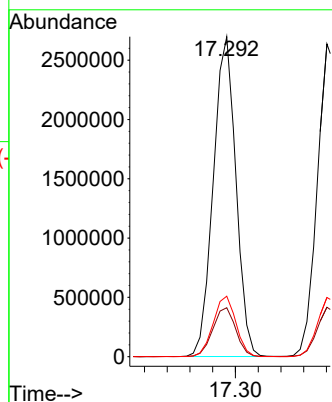
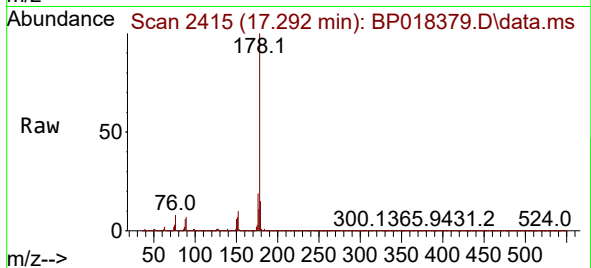
Tgt Ion:178 Resp: 3725475

Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

176 18.9 15.1 22.7



#74

Anthracene

Concen: 29.004 ng/ul

RT: 17.381 min Scan# 2430

Delta R.T. -0.006 min

Lab File: BP018379.D

Acq: 25 Nov 2023 21:32

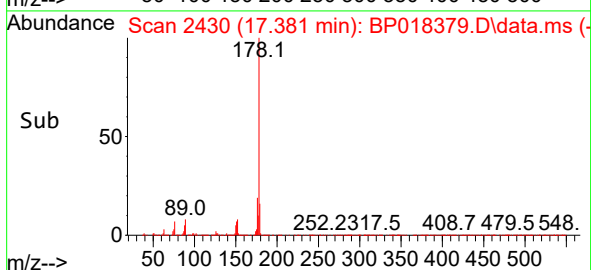
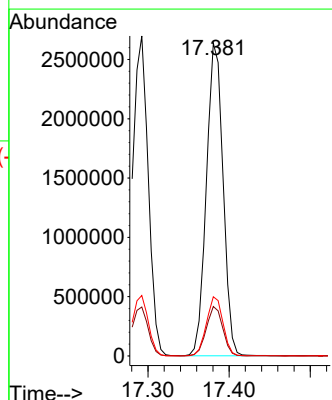
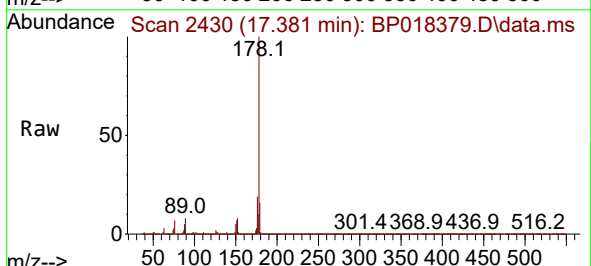
Tgt Ion:178 Resp: 3749644

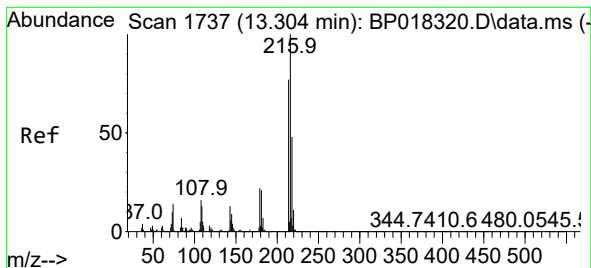
Ion Ratio Lower Upper

178 100

179 15.8 12.4 18.6

176 18.9 15.2 22.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 26.734 ng/uL

RT: 13.298 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP018379.D

Acq: 25 Nov 2023 21:32

Instrument :

BNA_P

ClientSampleId :

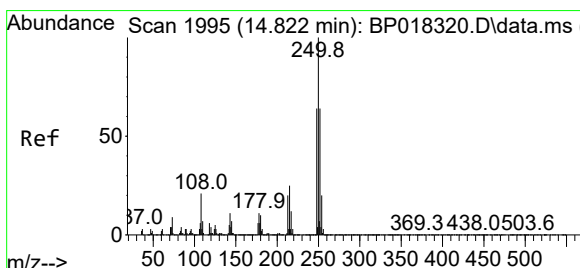
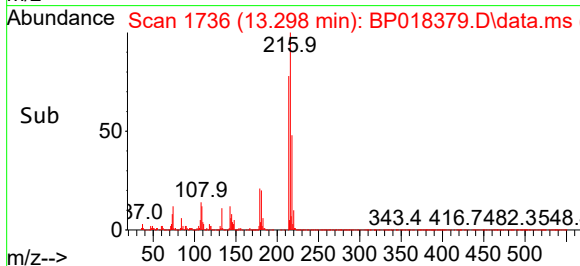
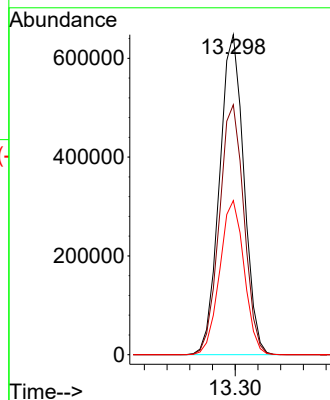
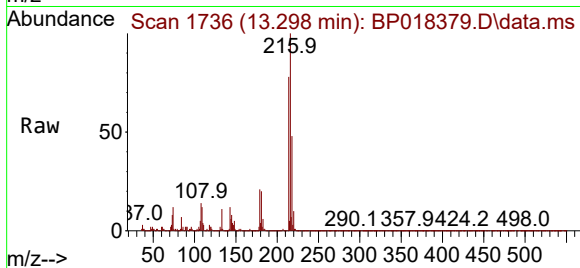
Tgt Ion:216 Resp: 967583

Ion Ratio Lower Upper

216 100

214 78.1 62.0 93.0

218 48.2 38.6 57.8



#76

Pentachlorobenzene

Concen: 28.422 ng/uL

RT: 14.816 min Scan# 1994

Delta R.T. 0.000 min

Lab File: BP018379.D

Acq: 25 Nov 2023 21:32

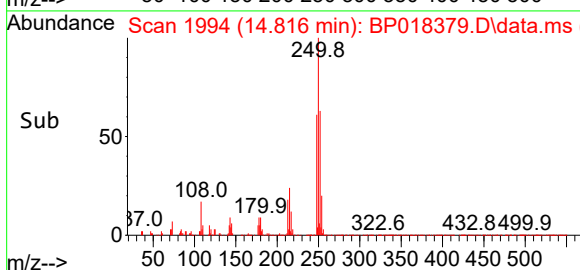
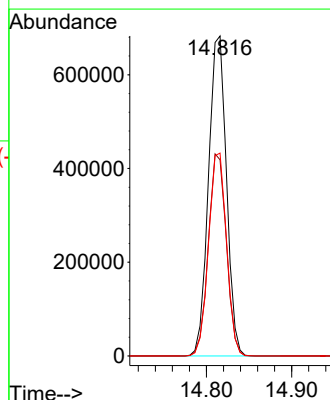
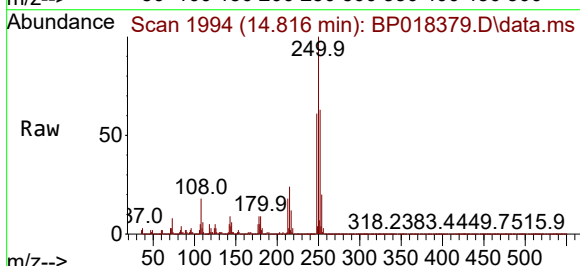
Tgt Ion:250 Resp: 999253

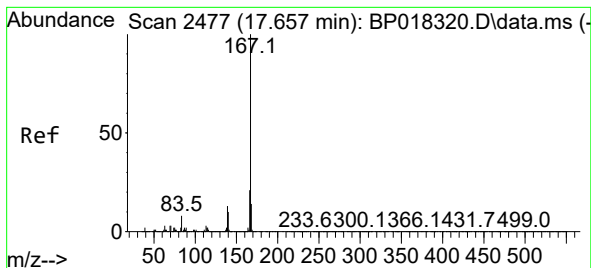
Ion Ratio Lower Upper

250 100

248 61.3 51.0 76.6

252 63.4 51.5 77.3





#77

Carbazole

Concen: 51.424 ng/ul

RT: 17.657 min Scan# 2477

Delta R.T. 0.006 min

Lab File: BP018379.D

Acq: 25 Nov 2023 21:32

Instrument :

BNA_P

ClientSampleId :

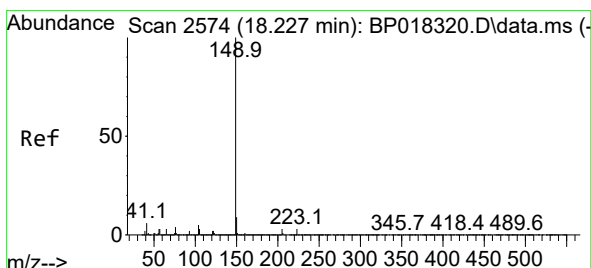
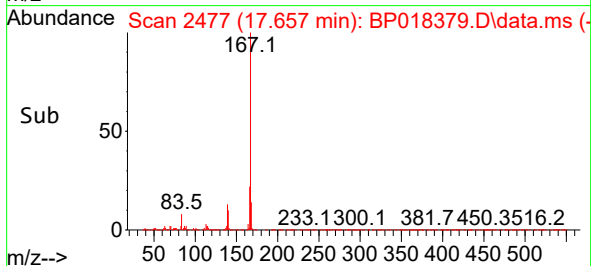
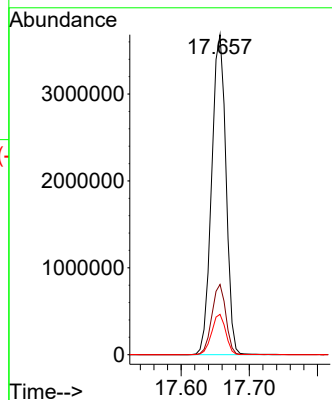
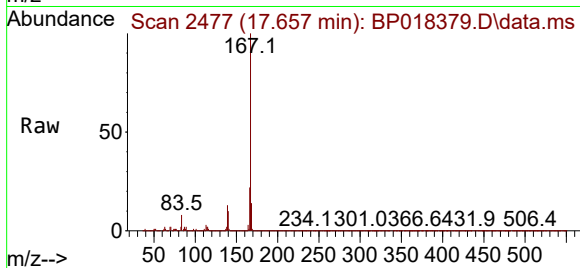
Tgt Ion:167 Resp: 5386073

Ion Ratio Lower Upper

167 100

166 22.0 17.5 26.3

139 12.6 10.0 15.0



#78

Di-n-butylphthalate

Concen: 28.485 ng/ul

RT: 18.216 min Scan# 2572

Delta R.T. -0.006 min

Lab File: BP018379.D

Acq: 25 Nov 2023 21:32

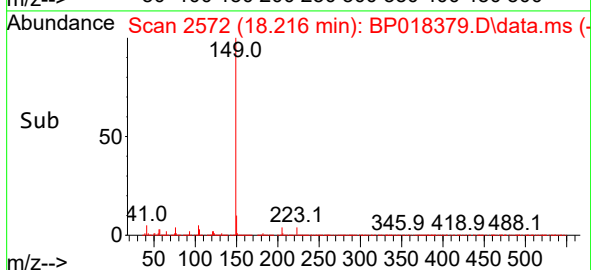
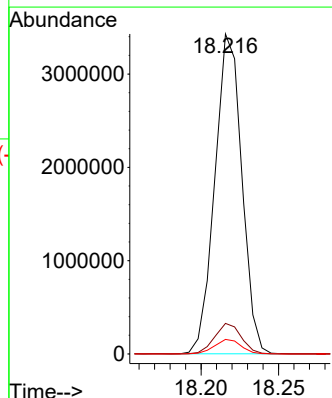
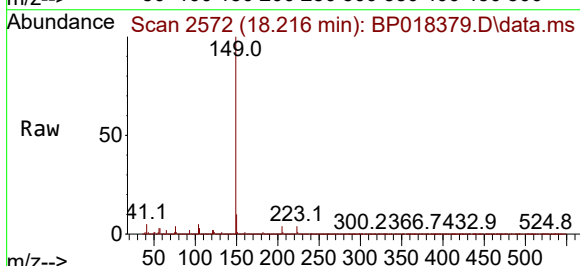
Tgt Ion:149 Resp: 4149899

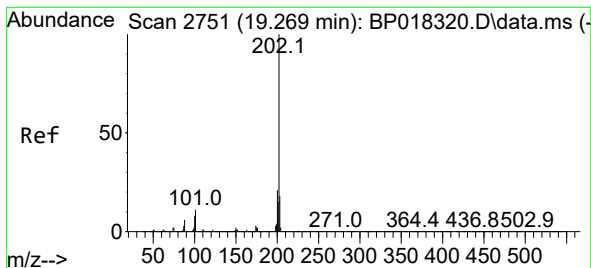
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

104 4.6 3.8 5.6





#80

Fluoranthene

Concen: 22.489 ng/ul

RT: 19.263 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP018379.D

Acq: 25 Nov 2023 21:32

Instrument :

BNA_P

ClientSampleId :

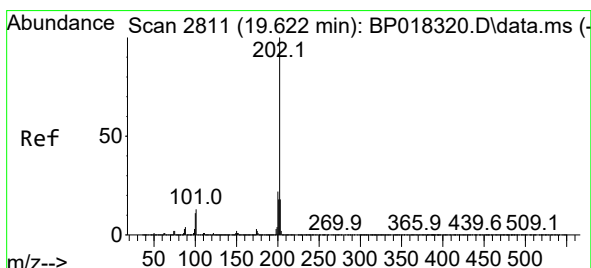
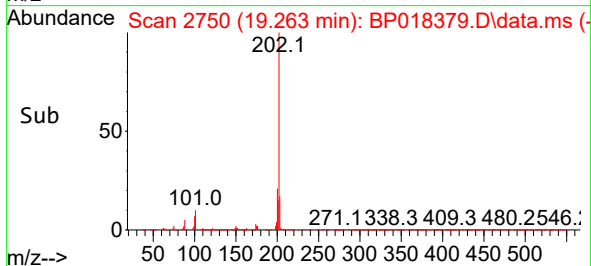
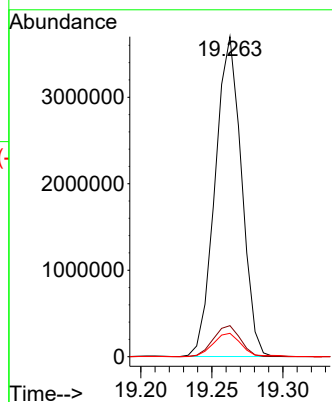
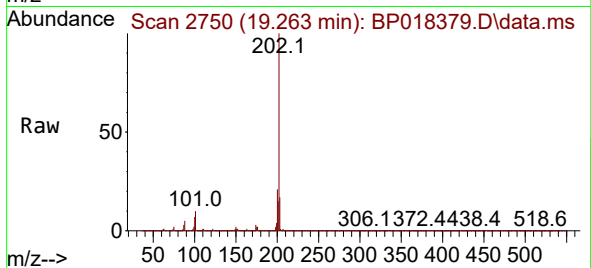
Tgt Ion:202 Resp: 4773901

Ion Ratio Lower Upper

202 100

101 9.7 8.6 13.0

100 7.3 6.7 10.1



#82

Pyrene

Concen: 22.962 ng/ul

RT: 19.616 min Scan# 2810

Delta R.T. 0.000 min

Lab File: BP018379.D

Acq: 25 Nov 2023 21:32

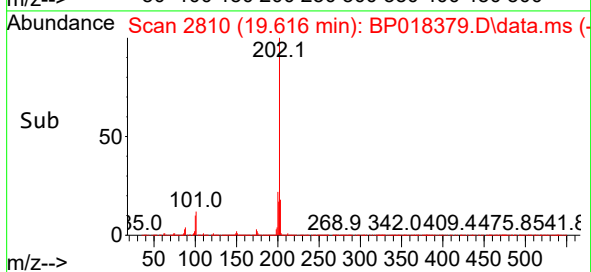
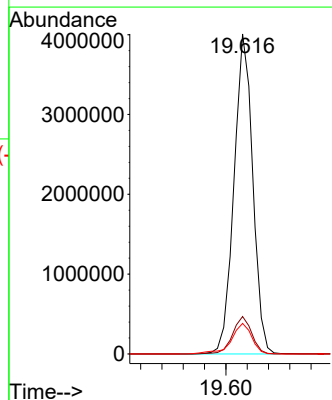
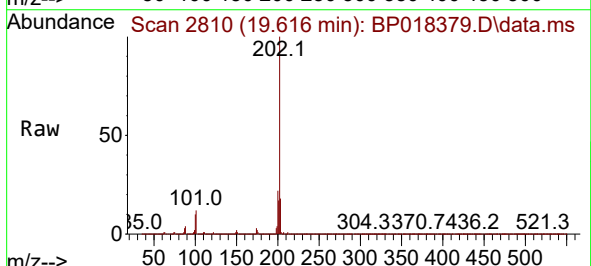
Tgt Ion:202 Resp: 4908316

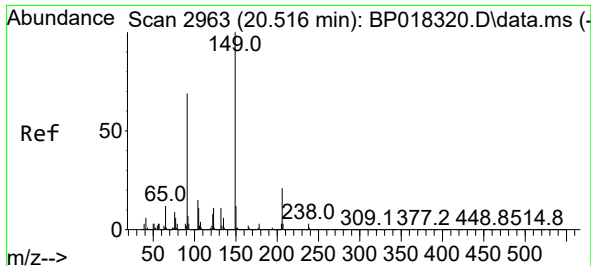
Ion Ratio Lower Upper

202 100

101 11.7 10.2 15.4

100 9.5 8.4 12.6

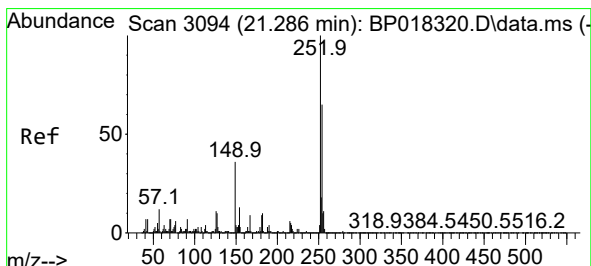
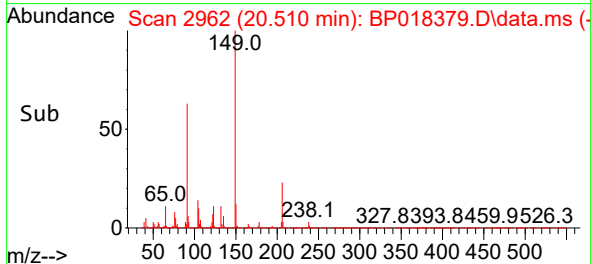
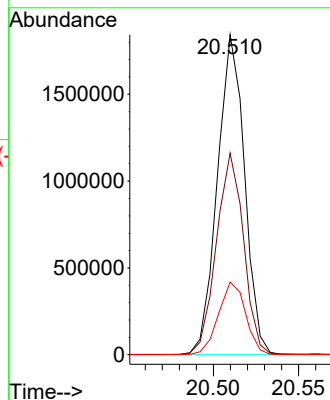
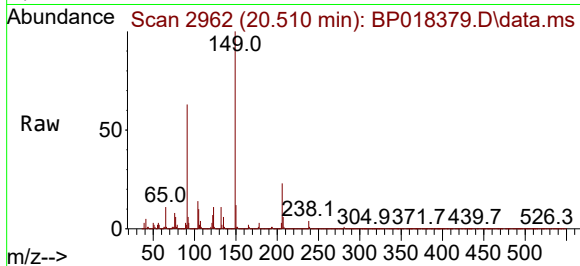




#83
Butylbenzylphthalate
Concen: 25.747 ng/ul
RT: 20.510 min Scan# 2963
Delta R.T. 0.000 min
Lab File: BP018379.D
Acq: 25 Nov 2023 21:32

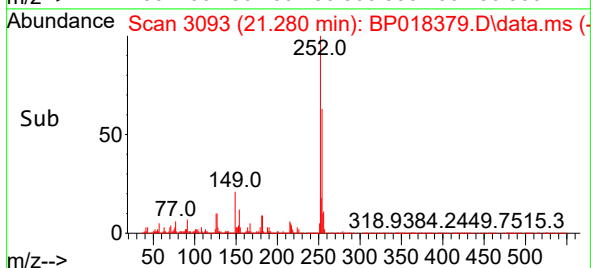
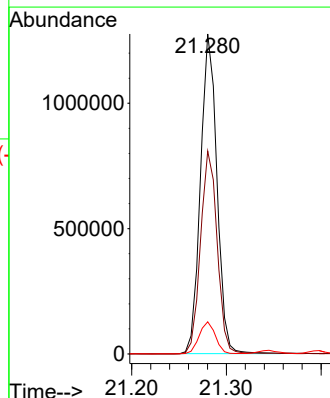
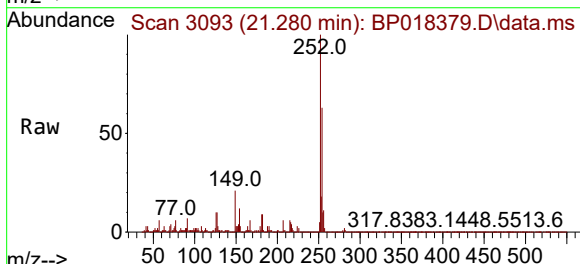
Instrument :
BNA_P
ClientSampleId :

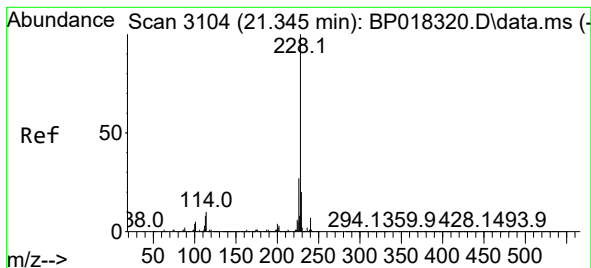
Tgt Ion:149 Resp: 2036724
Ion Ratio Lower Upper
149 100
91 62.9 53.7 80.5
206 22.7 16.4 24.6



#84
3,3'-Dichlorobenzidine
Concen: 28.549 ng/ul
RT: 21.280 min Scan# 3093
Delta R.T. 0.006 min
Lab File: BP018379.D
Acq: 25 Nov 2023 21:32

Tgt Ion:252 Resp: 1541641
Ion Ratio Lower Upper
252 100
254 63.4 51.1 76.7
126 10.1 8.6 12.8





#85

Benzo(a)anthracene

Concen: 28.933 ng/ul

RT: 21.345 min Scan# 3104

Delta R.T. 0.006 min

Lab File: BP018379.D

Acq: 25 Nov 2023 21:32

Instrument :

BNA_P

ClientSampleId :

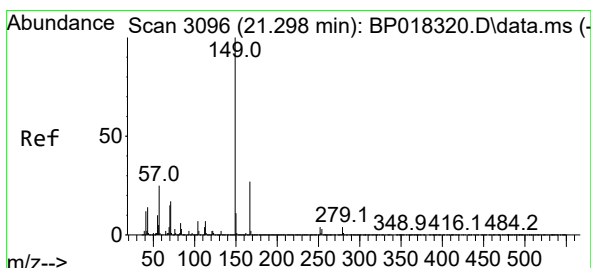
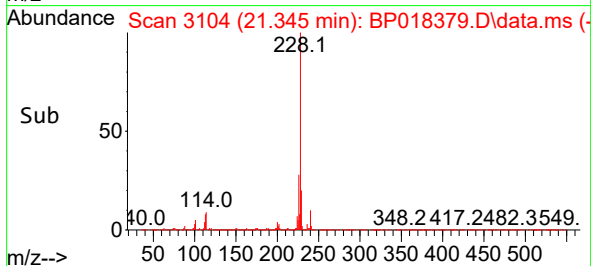
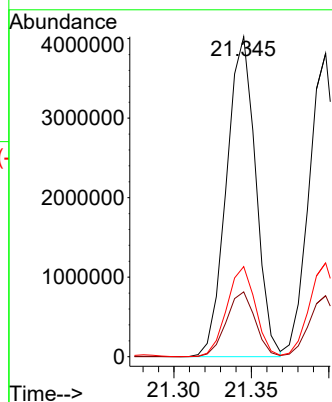
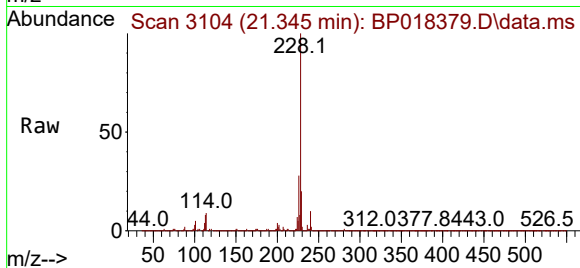
Tgt Ion:228 Resp: 5264445

Ion Ratio Lower Upper

228 100

229 20.3 16.2 24.2

226 28.2 22.2 33.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 25.673 ng/ul

RT: 21.298 min Scan# 3096

Delta R.T. 0.006 min

Lab File: BP018379.D

Acq: 25 Nov 2023 21:32

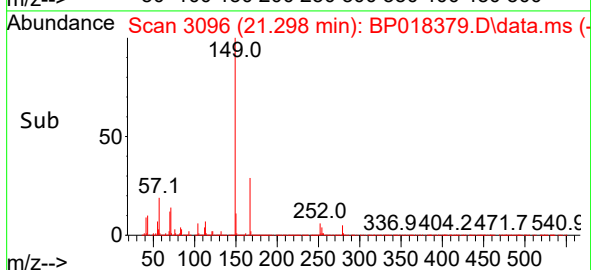
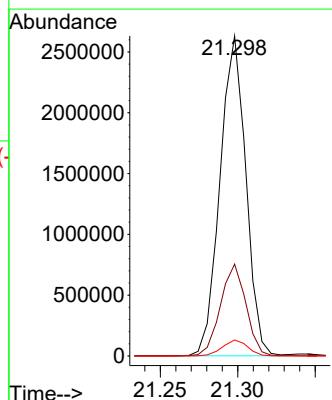
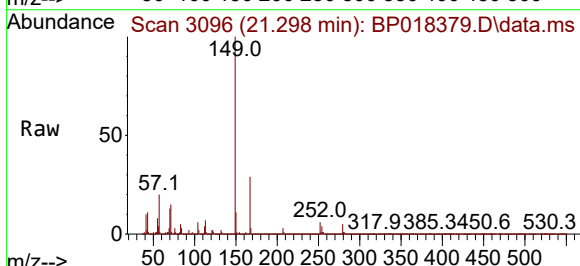
Tgt Ion:149 Resp: 3046934

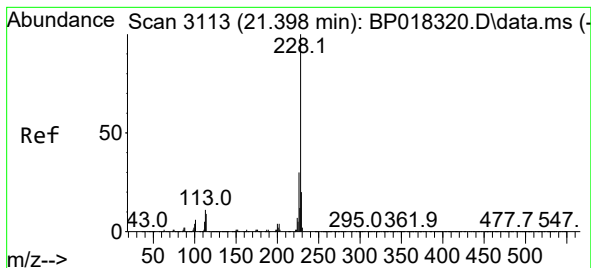
Ion Ratio Lower Upper

149 100

167 28.7 22.1 33.1

279 5.0 3.4 5.0





#87

Chrysene

Concen: 29.576 ng/ul

RT: 21.398 min Scan# 3113

Delta R.T. 0.006 min

Lab File: BP018379.D

Acq: 25 Nov 2023 21:32

Instrument :

BNA_P

ClientSampleId :

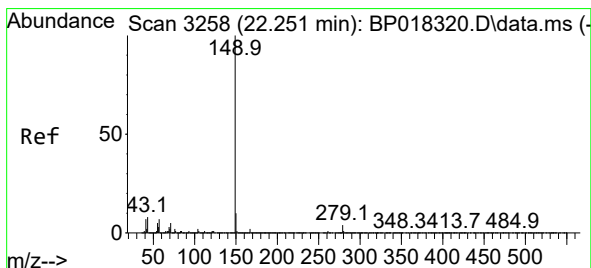
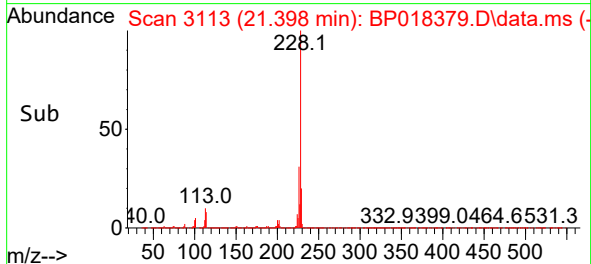
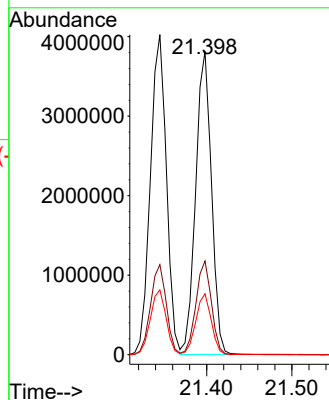
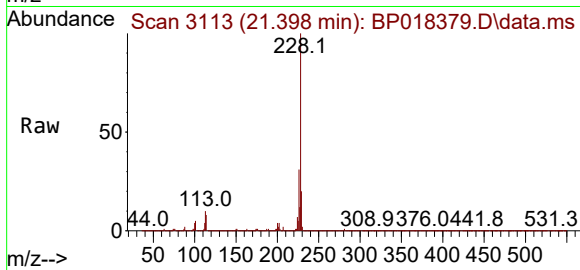
Tgt Ion:228 Resp: 4897011

Ion Ratio Lower Upper

228 100

226 30.9 24.2 36.4

229 20.1 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 27.250 ng/ul

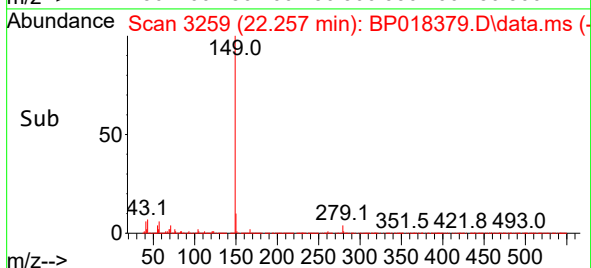
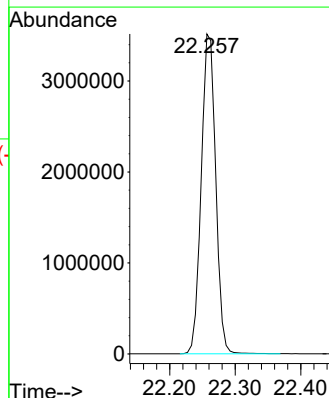
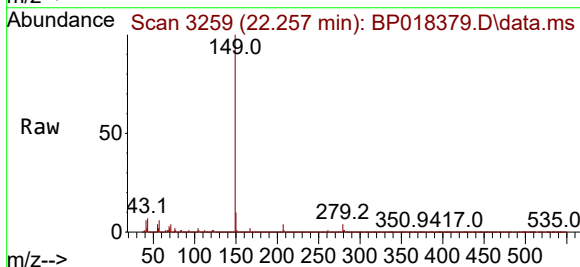
RT: 22.257 min Scan# 3259

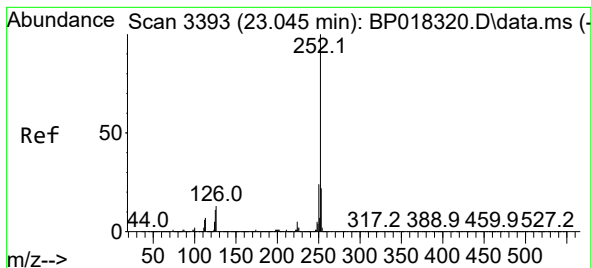
Delta R.T. 0.012 min

Lab File: BP018379.D

Acq: 25 Nov 2023 21:32

Tgt Ion:149 Resp: 5395096





#90

Benzo(b)fluoranthene

Concen: 29.240 ng/ul

RT: 23.057 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP018379.D

Acq: 25 Nov 2023 21:32

Instrument :

BNA_P

ClientSampleId :

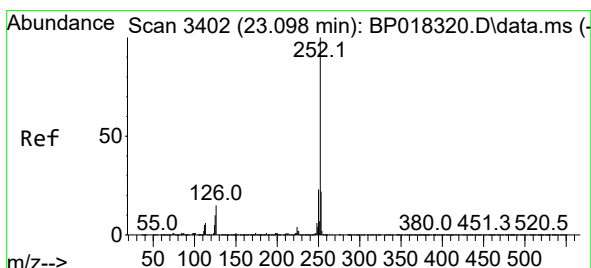
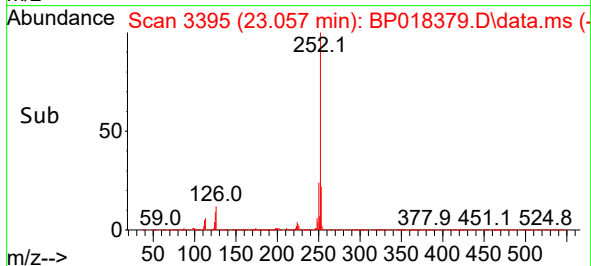
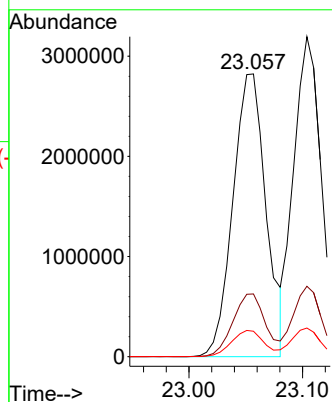
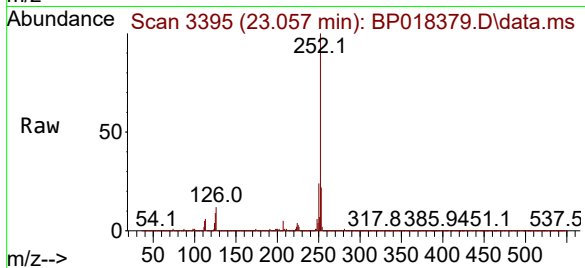
Tgt Ion:252 Resp: 5711562

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 9.0 8.4 12.6



#91

Benzo(k)fluoranthene

Concen: 27.822 ng/ul

RT: 23.104 min Scan# 3403

Delta R.T. 0.018 min

Lab File: BP018379.D

Acq: 25 Nov 2023 21:32

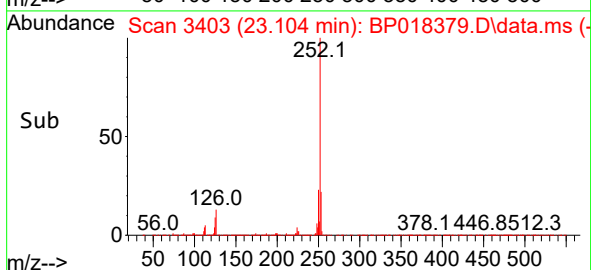
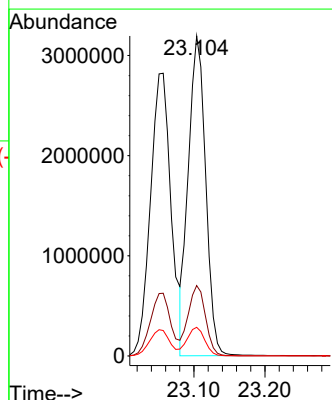
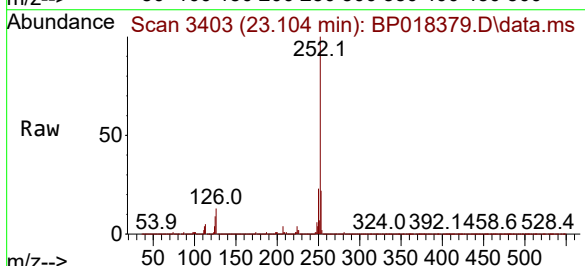
Tgt Ion:252 Resp: 5410178

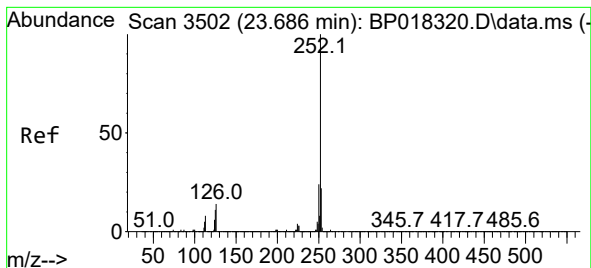
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 9.0 8.0 12.0





#93

Benzo(a)pyrene

Concen: 29.271 ng/ul

RT: 23.698 min Scan# 3

Delta R.T. 0.024 min

Lab File: BP018379.D

Acq: 25 Nov 2023 21:32

Instrument :

BNA_P

ClientSampleId :

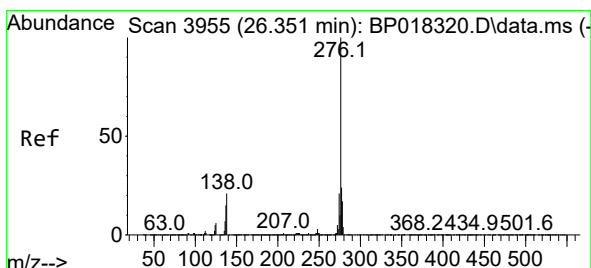
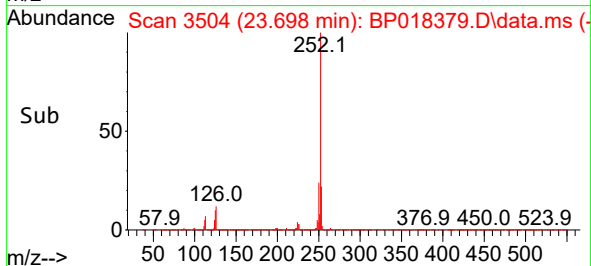
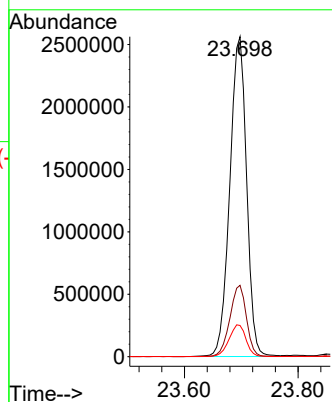
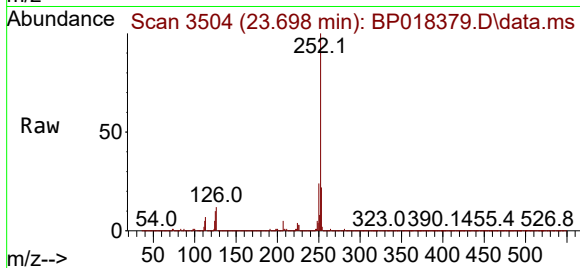
Tgt Ion:252 Resp: 5258232

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 9.8 8.8 13.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 32.013 ng/ul

RT: 26.398 min Scan# 3963

Delta R.T. 0.053 min

Lab File: BP018379.D

Acq: 25 Nov 2023 21:32

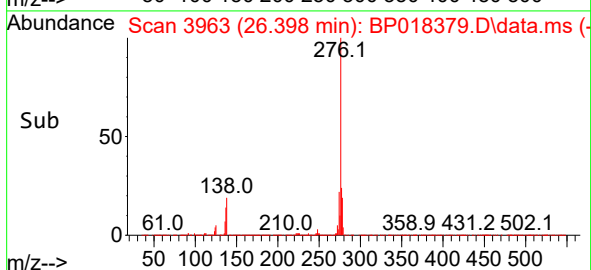
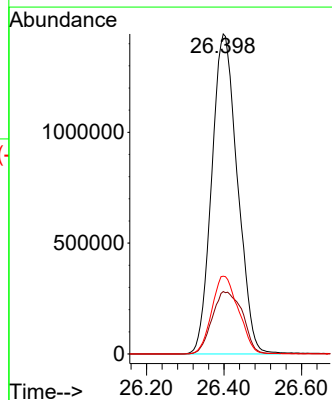
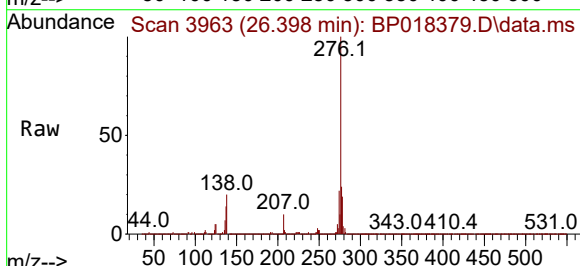
Tgt Ion:276 Resp: 6649576

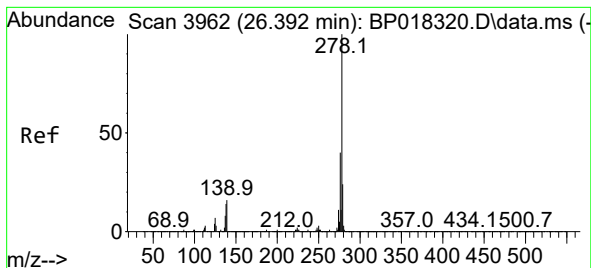
Ion Ratio Lower Upper

276 100

138 19.5 17.5 26.3

277 24.3 19.1 28.7





#95

Dibenzo(a,h)anthracene

Concen: 32.190 ng/ul

RT: 26.445 min Scan# 3962

Delta R.T. 0.065 min

Lab File: BP018379.D

Acq: 25 Nov 2023 21:32

Instrument :

BNA_P

ClientSampleId :

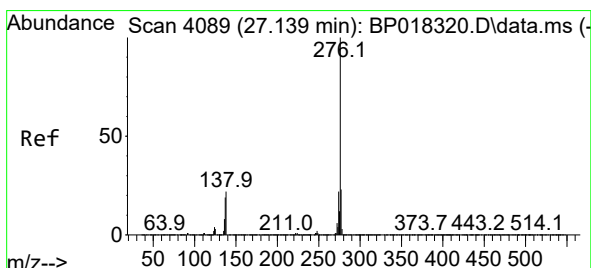
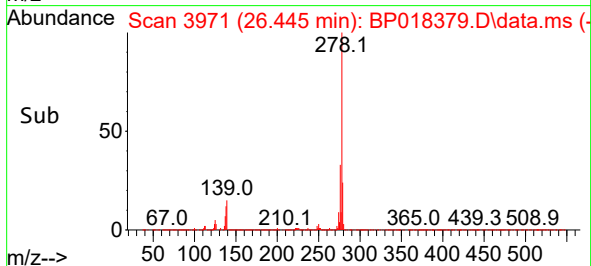
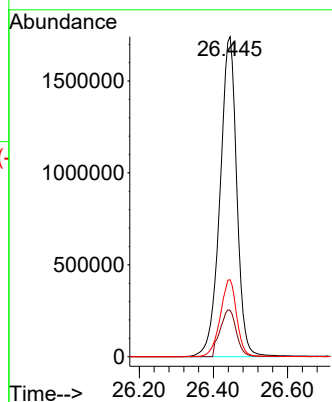
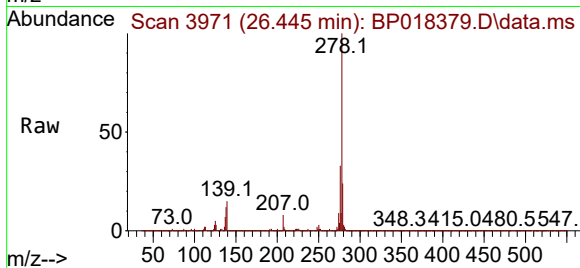
Tgt Ion:278 Resp: 5473884

Ion Ratio Lower Upper

278 100

139 14.5 13.3 19.9

279 24.1 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 32.046 ng/ul

RT: 27.198 min Scan# 4099

Delta R.T. 0.071 min

Lab File: BP018379.D

Acq: 25 Nov 2023 21:32

Tgt Ion:276 Resp: 5390778

Ion Ratio Lower Upper

276 100

138 20.1 17.7 26.5

277 23.8 18.6 28.0

