

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122723\
 Data File : BP019115.D
 Acq On : 27 Dec 2023 14:50
 Operator : MA/JU
 Sample : SSTD08074
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 28 02:28:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 28 02:21:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	191994	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	784866	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.457	164	503880	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.216	188	1177513	20.000	ng/ul	0.00
79) Chrysene-d12	21.322	240	1207182	20.000	ng/ul	0.00
88) Perylene-d12	23.692	264	1423631	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	161224	28.802	ng/uL	0.00
4) Pyridine-d5	3.652	84	1095523	77.642	ng/ul	0.00
7) Phenol-d5	6.993	99	1430887	83.106	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	794696	79.784	ng/ul	0.00
11) 2-Chlorophenol-d4	7.346	132	1110807	80.027	ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113	1132881	84.514	ng/ul	0.01
21) Nitrobenzene-d5	8.981	128	554216	81.686	ng/ul	0.00
24) 2-Nitrophenol-d4	9.699	143	641275	87.456	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.240	165	1196087	80.780	ng/ul	0.00
31) 4-Chloroaniline-d4	10.757	131	1441311	79.139	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	3382742	76.005	ng/ul	0.00
49) Acenaphthylene-d8	14.151	160	3670951	76.016	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	627693	83.519	ng/ul	0.02
60) Fluorene-d10	15.457	176	2836054	73.760	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	682456	88.408	ng/ul	0.01
73) Anthracene-d10	17.316	188	4547929	73.958	ng/ul	0.00
81) Pyrene-d10	19.563	212	5719463	77.741	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.551	264	6382164	77.993	ng/ul	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.270	88	174271	28.195	ng/uL	98
5) Pyridine	3.670	79	1092714	76.294	ng/ul	96
6) Benzaldehyde	6.958	77	618792	77.405	ng/ul	96
8) Phenol	7.022	94	1393532	81.943	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.246	93	1102262	80.106	ng/ul	98
12) 2-Chlorophenol	7.375	128	1112668	78.321	ng/ul	100
13) 2-Methylphenol	8.263	108	1051540	83.585	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.340	45	1292835	79.647	ng/ul	99
16) Acetophenone	8.646	105	1653068	82.340	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.646	70	793441	79.258	ng/ul	97
18) 4-Methylphenol	8.605	108	1130885	83.513	ng/ul	98
19) Hexachloroethane	8.887	117	457724	76.813	ng/ul	91
22) Nitrobenzene	9.022	77	1264214	76.269	ng/ul	98
23) Isophorone	9.557	82	2421299	81.006	ng/ul	99
25) 2-Nitrophenol	9.734	139	651422	83.206	ng/ul	97
26) 2,4-Dimethylphenol	9.799	107	1011438	73.383	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.040	93	1485801	75.208	ng/ul	98
29) 2,4-Dichlorophenol	10.269	162	1130751	78.149	ng/ul	99
30) Naphthalene	10.663	128	3448593	72.877	ng/ul	100
32) 4-Chloroaniline	10.787	127	1378214	78.863	ng/ul	100
33) Hexachlorobutadiene	10.940	225	841595	75.578	ng/ul	98
34) Caprolactam	11.599	113	168445	44.482	ng/ul	98
35) 4-Chloro-3-methylphenol	11.922	107	1159776	81.654	ng/ul	99
36) 2-Methylnaphthalene	12.275	142	2425436	76.021	ng/ul	100

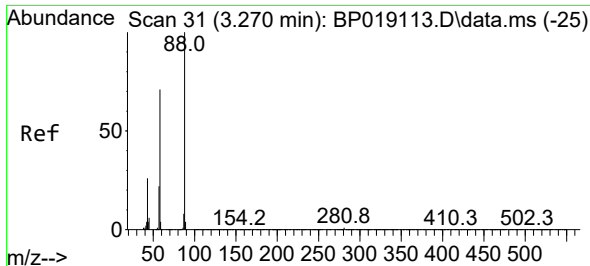
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122723\
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.499	142	2426608	75.423	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.646	216	1568487	75.581	ng/ul	99
40) Hexachlorocyclopentadiene	12.622	237	875365	75.994	ng/ul	98
41) 2,4,6-Trichlorophenol	12.893	196	1005795	81.212	ng/ul	100
42) 2,4,5-Trichlorophenol	12.963	196	1083940	82.450	ng/ul	99
43) 1,1'-Biphenyl	13.293	154	3229416	73.471	ng/ul	99
44) 2-Chloronaphthalene	13.334	162	2620366	74.295	ng/ul	99
45) 2-Nitroaniline	13.551	65	727084	85.872	ng/ul	98
47) Dimethylphthalate	13.928	163	3287683	74.834	ng/ul	99
48) 2,6-Dinitrotoluene	14.051	165	713889	88.429	ng/ul	95
50) Acenaphthylene	14.181	152	3985394	73.350	ng/ul	100
51) 3-Nitroaniline	14.381	138	661099	83.765	ng/ul	98
52) Acenaphthene	14.522	153	2659552	72.221	ng/ul	99
53) 2,4-Dinitrophenol	14.587	184	477956	91.897	ng/ul	97
55) 4-Nitrophenol	14.704	109	498346	82.970	ng/ul	99
56) Dibenzofuran	14.863	168	3708533	70.520	ng/ul	98
57) 2,4-Dinitrotoluene	14.840	165	1012470	85.276	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.092	232	945262	82.296	ng/ul	97
59) Diethylphthalate	15.298	149	3216439	75.509	ng/ul	99
61) Fluorene	15.516	166	2939271	69.831	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	1649599	71.764	ng/ul	97
63) 4-Nitroaniline	15.557	138	598211	77.377	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.604	198	704312	86.173	ng/ul#	99
67) N-Nitrosodiphenylamine	15.728	169	2617528	72.835	ng/ul	99
68) 4-Bromophenyl-phenylether	16.404	248	1151930	78.708	ng/ul	99
69) Hexachlorobenzene	16.516	284	1362683	76.188	ng/ul	97
70) Atrazine	16.692	200	760805	75.015	ng/ul	99
71) Pentachlorophenol	16.863	266	907457	86.416	ng/ul	98
72) Phenanthrene	17.263	178	5079010	71.175	ng/ul	99
74) Anthracene	17.351	178	5101448	71.810	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.251	216	1575313	76.943	ng/ul	98
76) Pentachlorobenzene	14.775	250	1520507	74.737	ng/ul	99
77) Carbazole	17.628	167	4528982	76.642	ng/ul	99
78) Di-n-butylphthalate	18.181	149	5620634	76.693	ng/ul	99
80) Fluoranthene	19.233	202	6502854	77.027	ng/ul	98
82) Pyrene	19.592	202	6526851	73.791	ng/ul	96
83) Butylbenzylphthalate	20.475	149	2701550	85.505	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.245	252	2408436	79.754	ng/ul	99
85) Benzo(a)anthracene	21.310	228	7101445	74.455	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.233	149	3784535	81.346	ng/ul	98
87) Chrysene	21.363	228	6466886	72.712	ng/ul	97
89) Di-n-octyl phthalate	22.151	149	6864394	84.318	ng/ul	100
90) Benzo(b)fluoranthene	22.974	252	7554973	75.552	ng/ul	99
91) Benzo(k)fluoranthene	23.027	252	7414830	75.461	ng/ul	98
93) Benzo(a)pyrene	23.598	252	7058666	74.997	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.180	276	9254170	76.701	ng/ul	97
95) Dibenzo(a,h)anthracene	26.198	278	7574972	75.471	ng/ul	97
96) Benzo(g,h,i)perylene	26.939	276	7458538	77.141	ng/ul	97

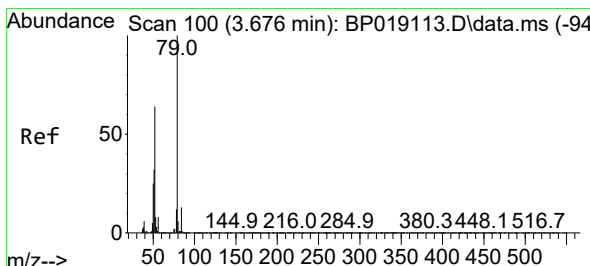
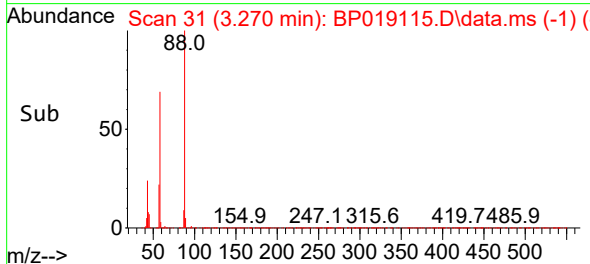
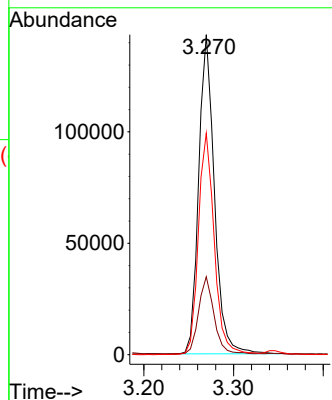
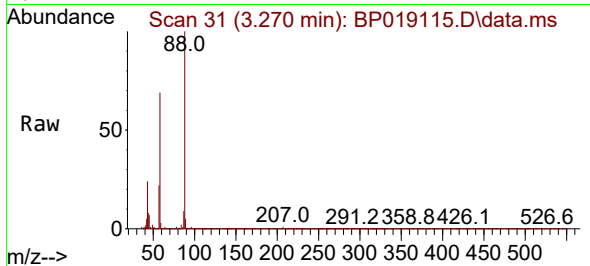
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#2
1,4-Dioxane
Concen: 28.195 ng/uL
RT: 3.270 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP019115.D
Acq: 27 Dec 2023 14:50

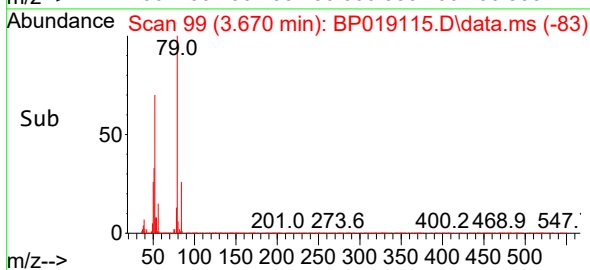
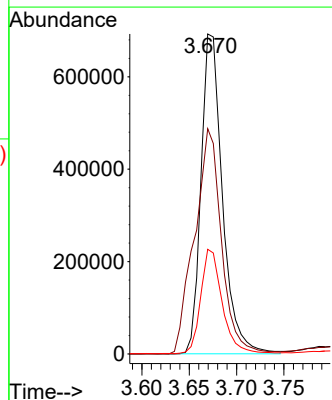
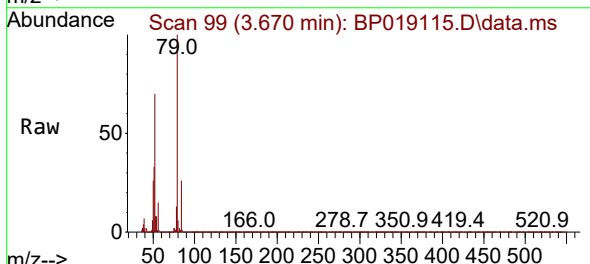
Instrument :
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ClientSampleId :

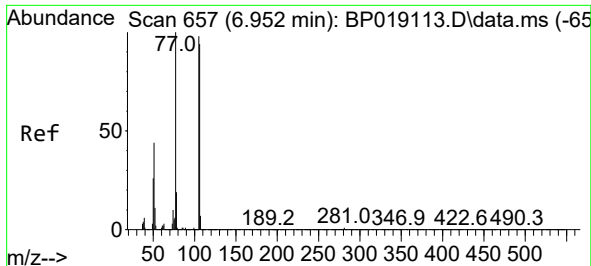
Tgt Ion: 88 Resp: 174271
Ion Ratio Lower Upper
88 100
43 24.4 21.0 31.4
58 69.2 56.6 84.8



#5
Pyridine
Concen: 76.294 ng/uL
RT: 3.670 min Scan# 99
Delta R.T. -0.006 min
Lab File: BP019115.D
Acq: 27 Dec 2023 14:50

Tgt Ion: 79 Resp: 1092714
Ion Ratio Lower Upper
79 100
52 70.4 52.4 78.6
51 32.7 25.9 38.9

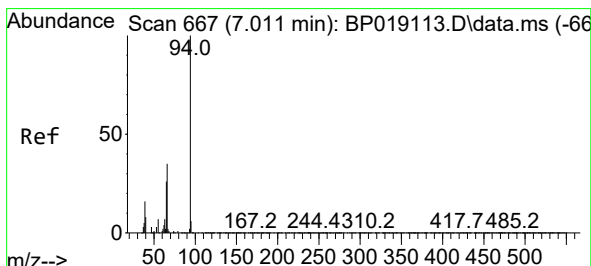
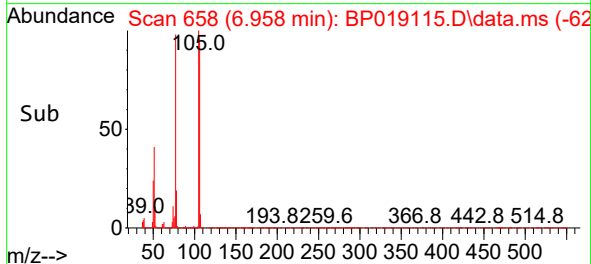
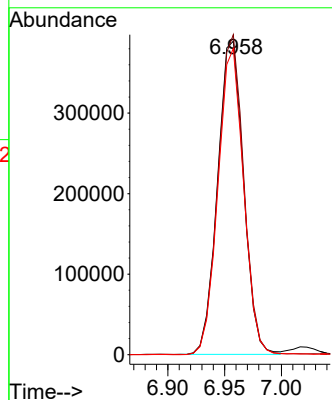
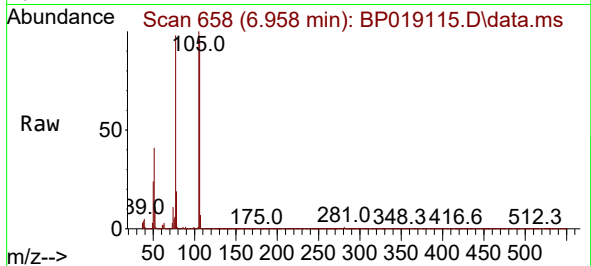




#6
Benzaldehyde
Concen: 77.405 ng/ul
RT: 6.958 min Scan# 618
Delta R.T. 0.006 min
Lab File: BP019115.D
Acq: 27 Dec 2023 14:50

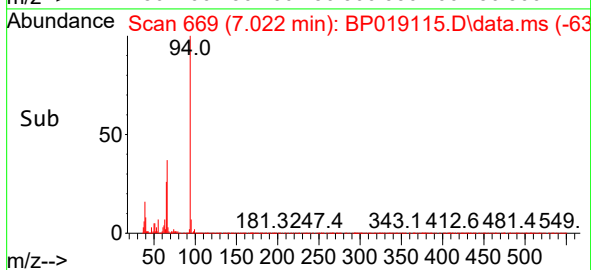
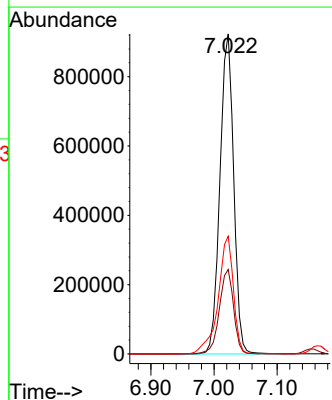
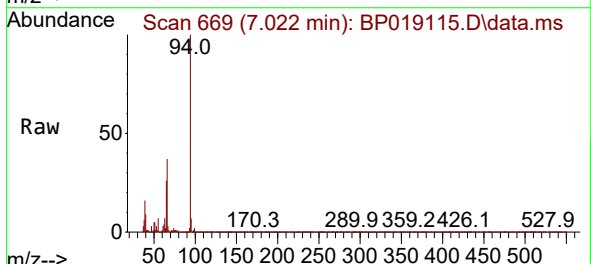
Instrument :
BNA_F
ClientSampleId :

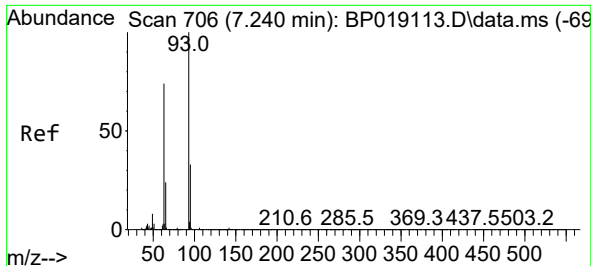
Tgt Ion: 77 Resp: 618792
Ion Ratio Lower Upper
77 100
105 102.1 78.6 117.8
106 97.7 74.8 112.2



#8
Phenol
Concen: 81.943 ng/ul
RT: 7.022 min Scan# 669
Delta R.T. 0.012 min
Lab File: BP019115.D
Acq: 27 Dec 2023 14:50

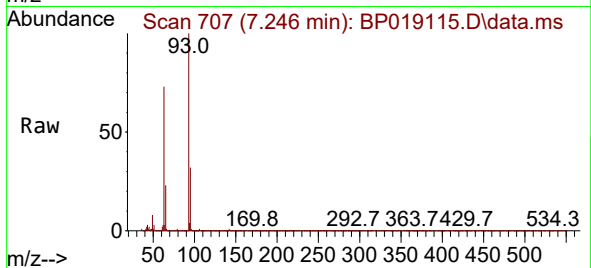
Tgt Ion: 94 Resp: 1393532
Ion Ratio Lower Upper
94 100
65 26.4 21.1 31.7
66 36.8 29.3 43.9





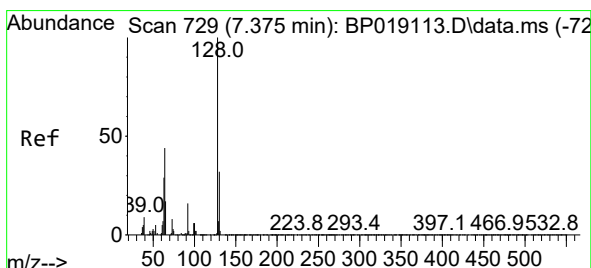
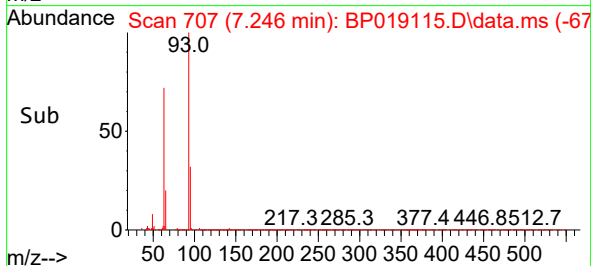
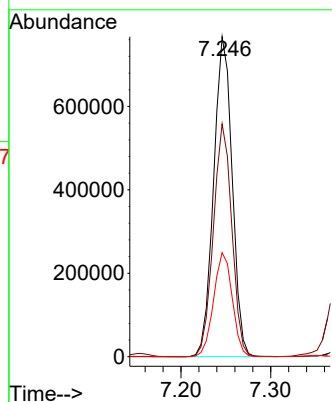
#10
Bis(2-Chloroethyl)ether
Concen: 80.106 ng/ul
RT: 7.246 min Scan# 706
Delta R.T. 0.006 min
Lab File: BP019115.D
Acq: 27 Dec 2023 14:50

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 93 Resp: 1102262

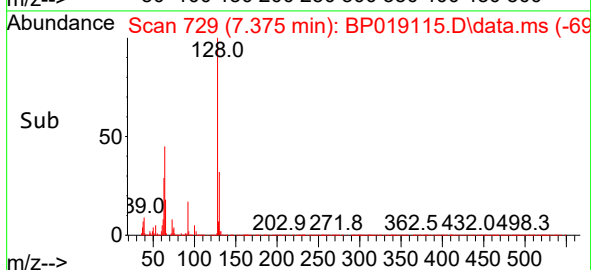
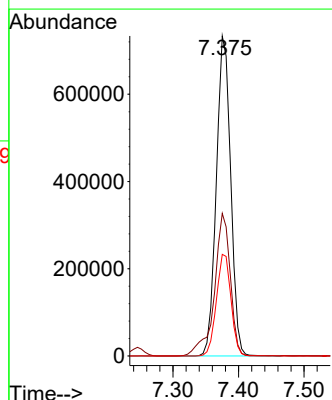
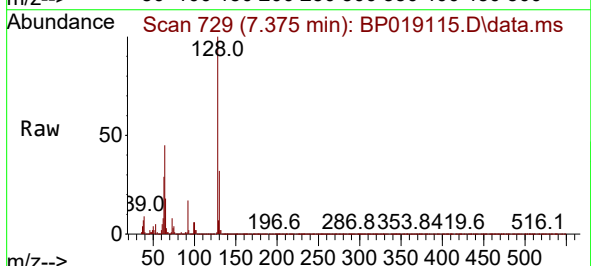
Ion	Ratio	Lower	Upper
93	100		
63	72.8	59.4	89.0
95	32.5	26.6	40.0

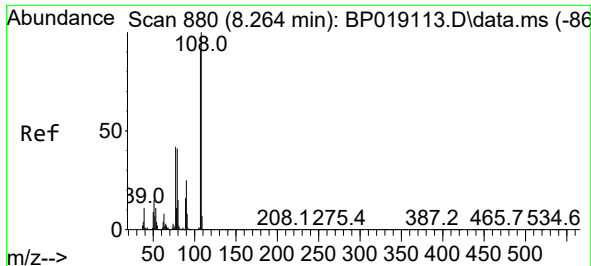


#12
2-Chlorophenol
Concen: 78.321 ng/ul
RT: 7.375 min Scan# 729
Delta R.T. -0.000 min
Lab File: BP019115.D
Acq: 27 Dec 2023 14:50

Tgt Ion:128 Resp: 1112668

Ion	Ratio	Lower	Upper
128	100		
64	44.6	35.9	53.9
130	31.8	25.3	37.9





#13

2-Methylphenol

Concen: 83.585 ng/ul

RT: 8.263 min Scan# 880

Delta R.T. -0.000 min

Lab File: BP019115.D

Acq: 27 Dec 2023 14:50

Instrument :

BNA_F

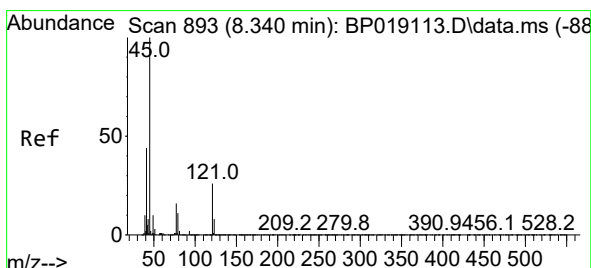
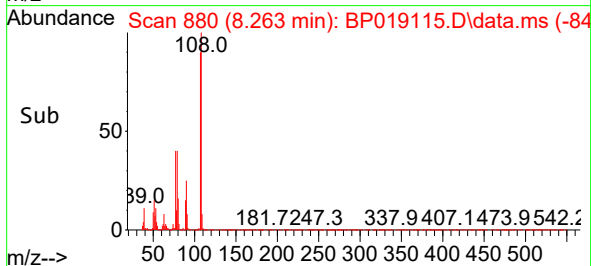
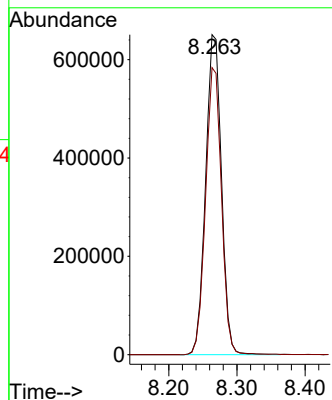
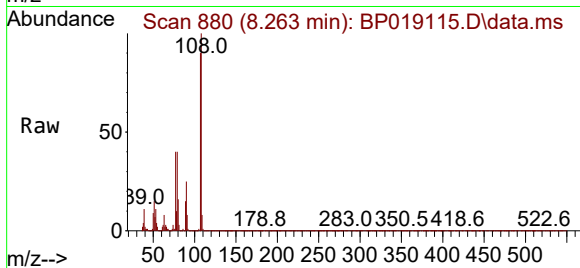
ClientSampleId :

Tgt Ion:108 Resp: 1051540

Ion Ratio Lower Upper

108 100

107 89.7 72.6 109.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 79.647 ng/ul

RT: 8.340 min Scan# 893

Delta R.T. -0.000 min

Lab File: BP019115.D

Acq: 27 Dec 2023 14:50

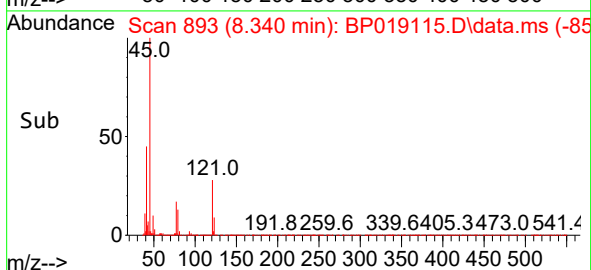
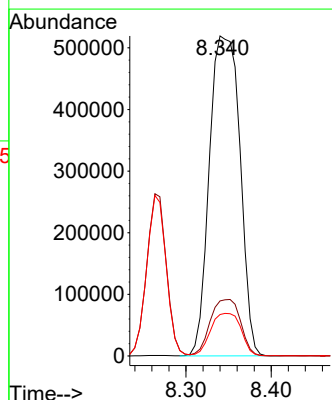
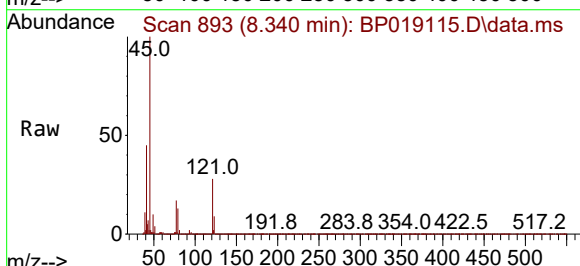
Tgt Ion: 45 Resp: 1292835

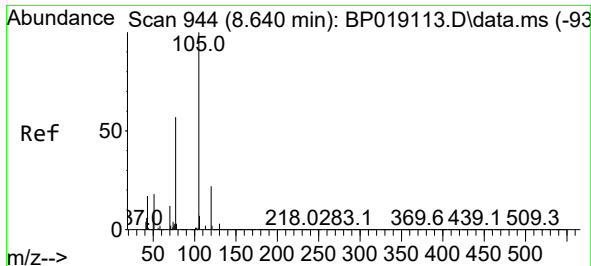
Ion Ratio Lower Upper

45 100

77 17.2 13.6 20.4

79 13.0 9.7 14.5

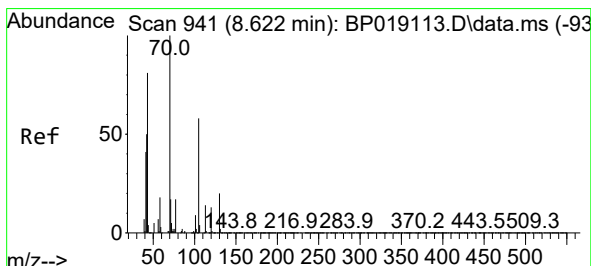
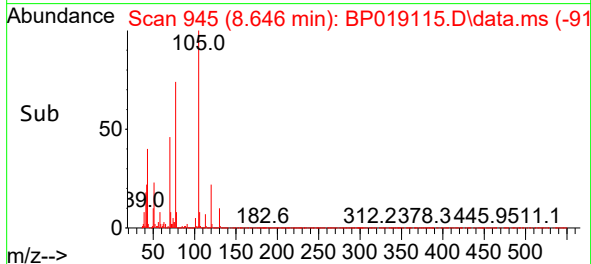
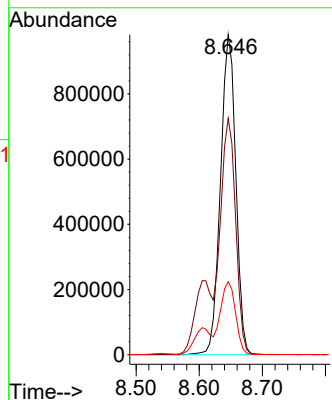
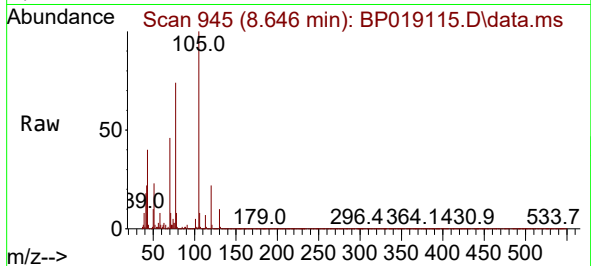




#16
Acetophenone
Concen: 82.340 ng/ul
RT: 8.646 min Scan# 944
Delta R.T. 0.006 min
Lab File: BP019115.D
Acq: 27 Dec 2023 14:50

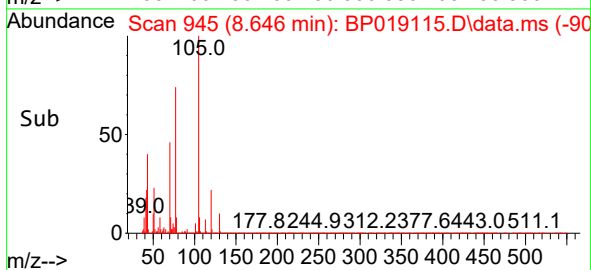
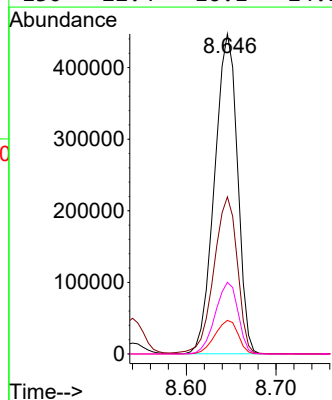
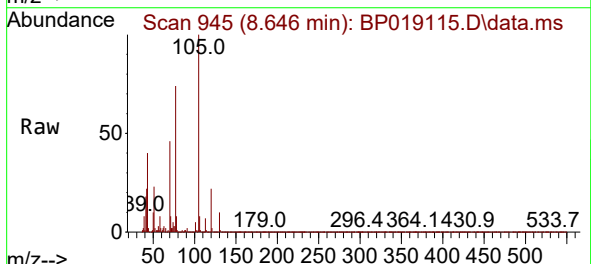
Instrument :
BNA_F
ClientSampleId :

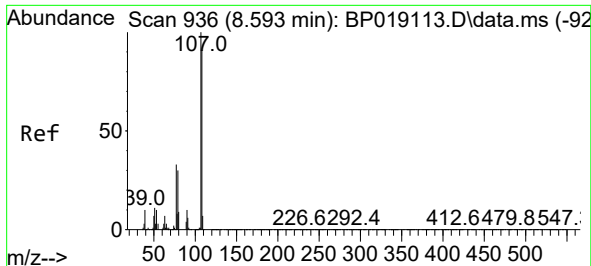
Tgt Ion:105 Resp: 1653068
Ion Ratio Lower Upper
105 100
77 73.8 59.8 89.6
51 22.8 19.3 28.9



#17
N-Nitroso-di-n-propylamine
Concen: 79.258 ng/ul
RT: 8.646 min Scan# 945
Delta R.T. 0.023 min
Lab File: BP019115.D
Acq: 27 Dec 2023 14:50

Tgt Ion: 70 Resp: 793441
Ion Ratio Lower Upper
70 100
42 49.1 40.6 61.0
101 10.5 7.3 10.9
130 22.4 16.1 24.1

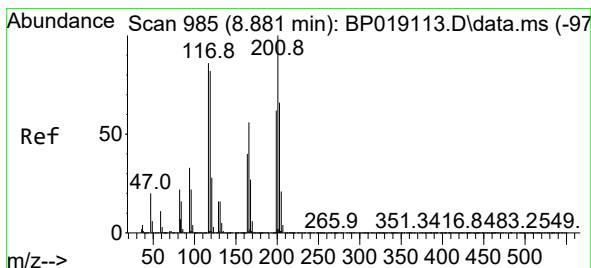
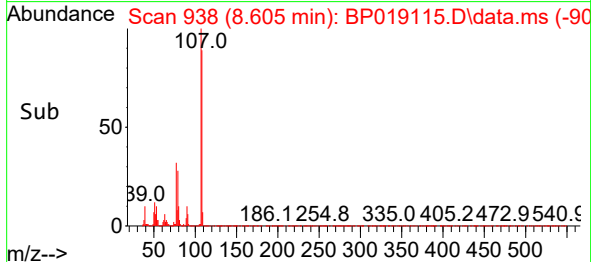
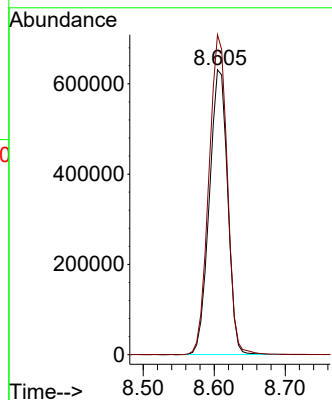
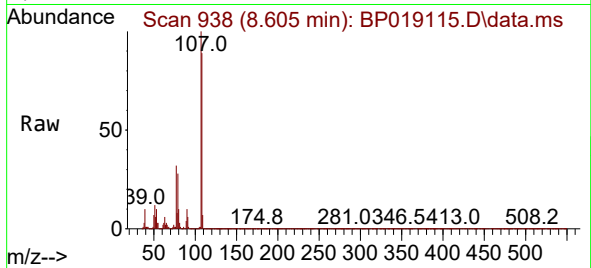




#18
4-Methylphenol
Concen: 83.513 ng/ul
RT: 8.605 min Scan# 911
Delta R.T. 0.012 min
Lab File: BP019115.D
Acq: 27 Dec 2023 14:50

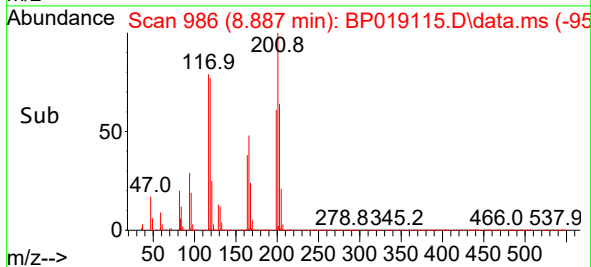
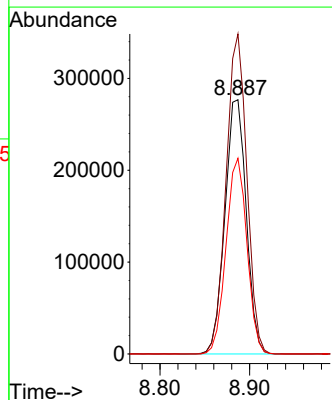
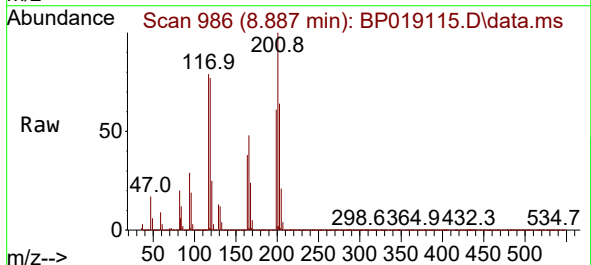
Instrument :
BNA_F
ClientSampleId :

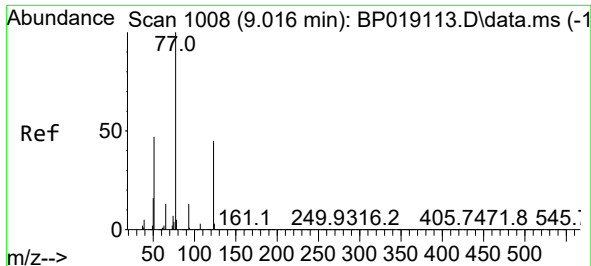
Tgt Ion:108 Resp: 1130885
Ion Ratio Lower Upper
108 100
107 112.3 88.1 132.1



#19
Hexachloroethane
Concen: 76.813 ng/ul
RT: 8.887 min Scan# 986
Delta R.T. 0.006 min
Lab File: BP019115.D
Acq: 27 Dec 2023 14:50

Tgt Ion:117 Resp: 457724
Ion Ratio Lower Upper
117 100
201 125.9 92.5 138.7
199 77.0 56.9 85.3

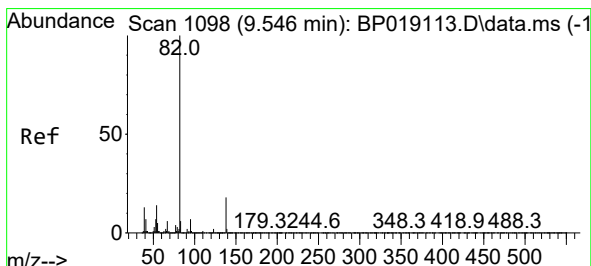
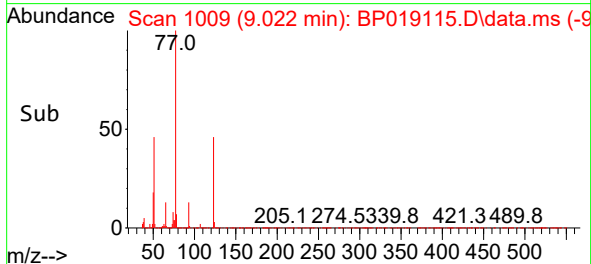
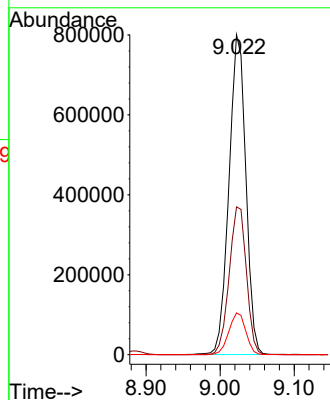
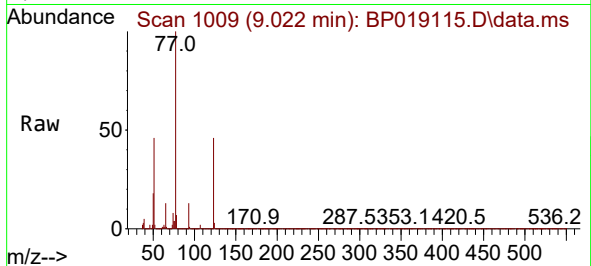




#22
Nitrobenzene
Concen: 76.269 ng/ul
RT: 9.022 min Scan# 1100
Delta R.T. 0.006 min
Lab File: BP019115.D
Acq: 27 Dec 2023 14:50

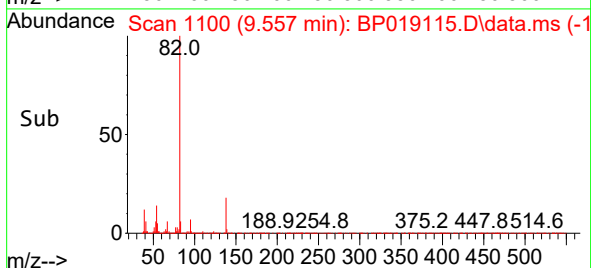
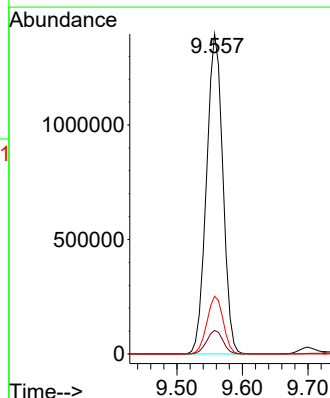
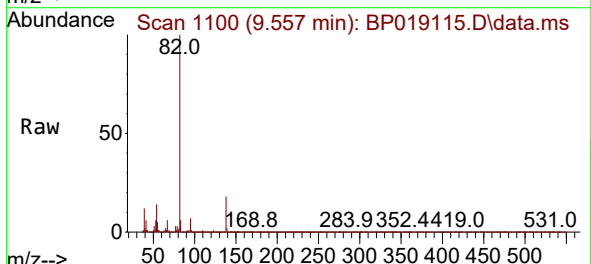
Instrument :
BNA_F
ClientSampleId :

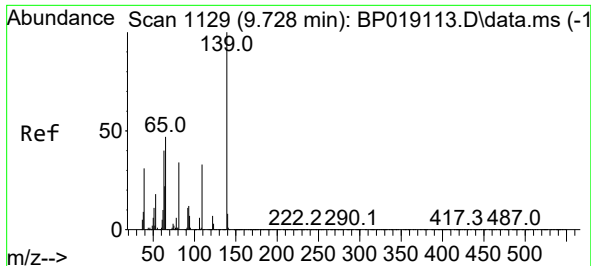
Tgt Ion: 77 Resp: 1264214
Ion Ratio Lower Upper
77 100
123 46.2 35.5 53.3
65 13.1 10.3 15.5



#23
Isophorone
Concen: 81.006 ng/ul
RT: 9.557 min Scan# 1100
Delta R.T. 0.012 min
Lab File: BP019115.D
Acq: 27 Dec 2023 14:50

Tgt Ion: 82 Resp: 2421299
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 18.1 14.7 22.1

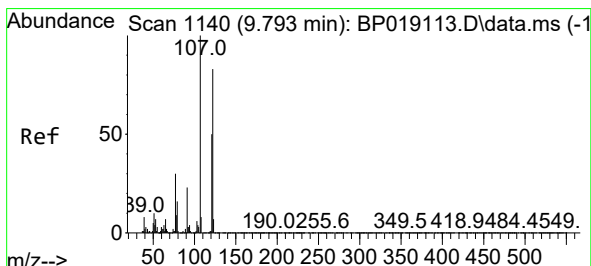
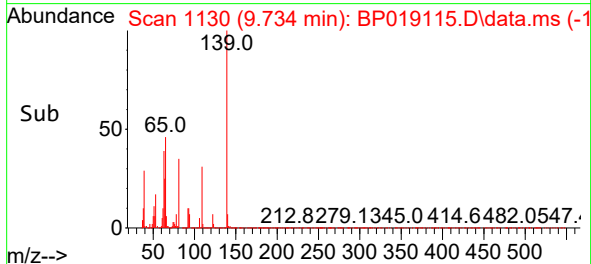
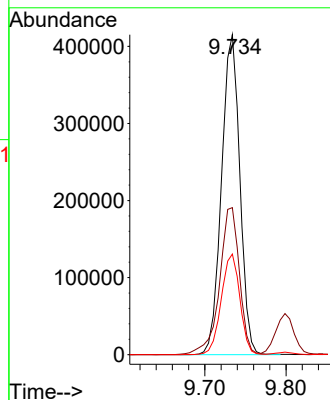
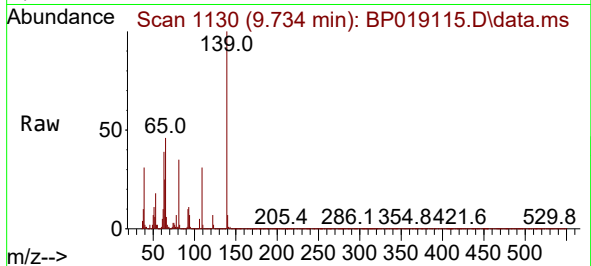




#25
2-Nitrophenol
Concen: 83.206 ng/ul
RT: 9.734 min Scan# 111
Delta R.T. 0.006 min
Lab File: BP019115.D
Acq: 27 Dec 2023 14:50

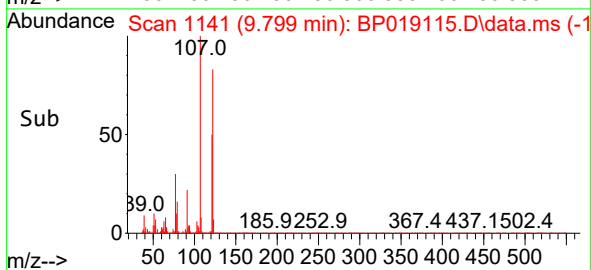
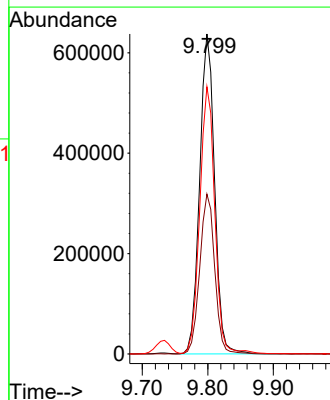
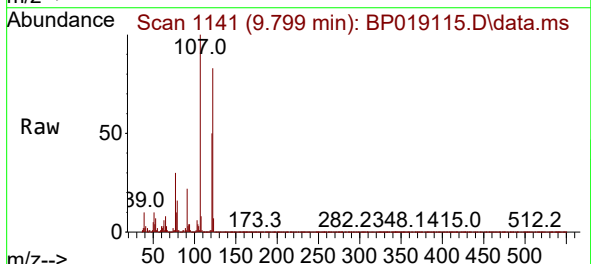
Instrument :
BNA_F
ClientSampleId :

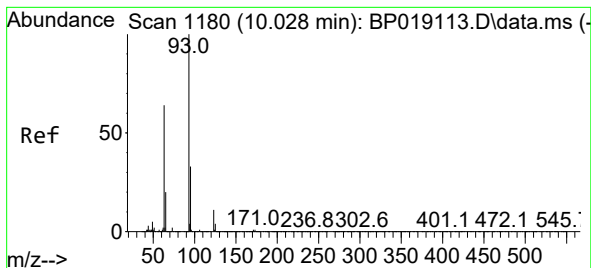
Tgt Ion:139 Resp: 651422
Ion Ratio Lower Upper
139 100
65 46.0 38.8 58.2
109 31.4 26.2 39.2



#26
2,4-Dimethylphenol
Concen: 73.383 ng/ul
RT: 9.799 min Scan# 1141
Delta R.T. 0.006 min
Lab File: BP019115.D
Acq: 27 Dec 2023 14:50

Tgt Ion:107 Resp: 1011438
Ion Ratio Lower Upper
107 100
121 49.9 39.8 59.6
122 83.5 66.4 99.6

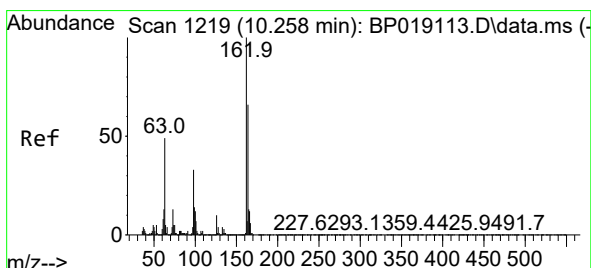
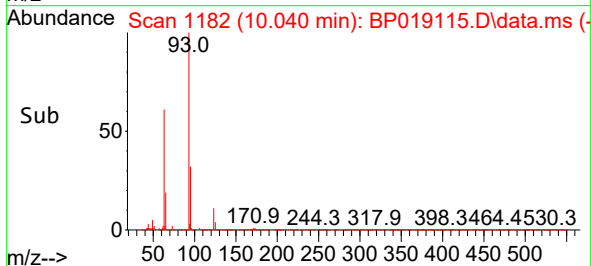
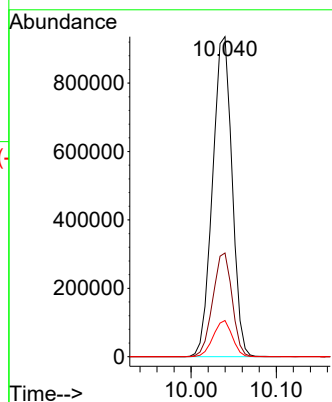
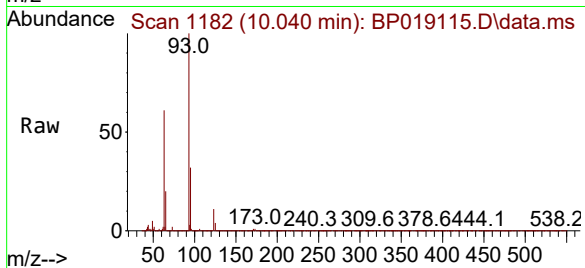




#27
Bis(2-Chloroethoxy)methane
Concen: 75.208 ng/ul
RT: 10.040 min Scan# 1182
Delta R.T. 0.012 min
Lab File: BP019115.D
Acq: 27 Dec 2023 14:50

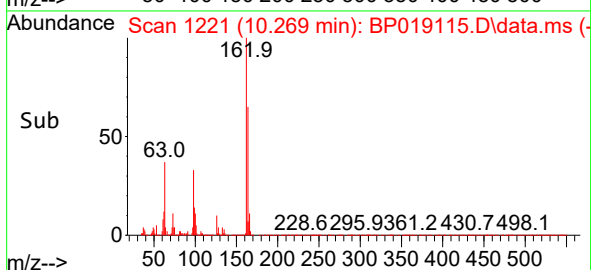
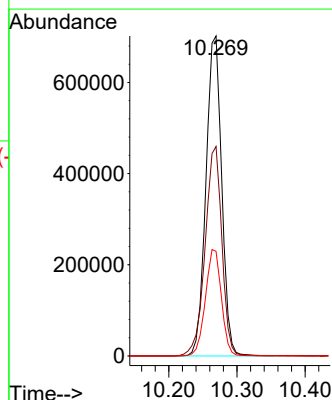
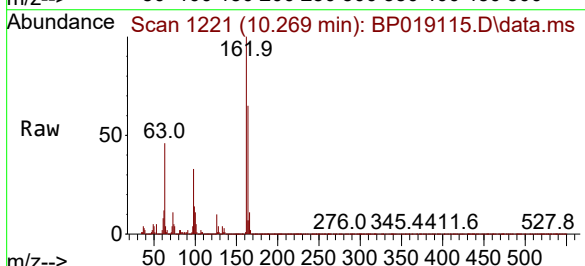
Instrument :
BNA_F
ClientSampleId :

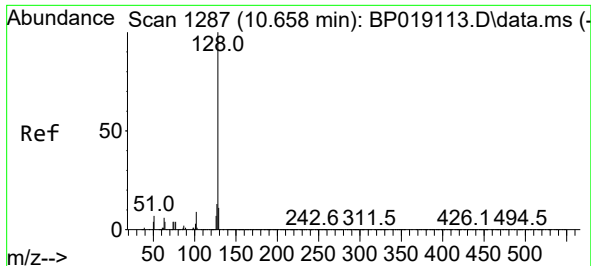
Tgt Ion: 93 Resp: 1485801
Ion Ratio Lower Upper
93 100
95 32.4 26.7 40.1
123 11.3 8.5 12.7



#29
2,4-Dichlorophenol
Concen: 78.149 ng/ul
RT: 10.269 min Scan# 1221
Delta R.T. 0.012 min
Lab File: BP019115.D
Acq: 27 Dec 2023 14:50

Tgt Ion:162 Resp: 1130751
Ion Ratio Lower Upper
162 100
164 65.4 52.6 78.8
98 32.7 26.7 40.1

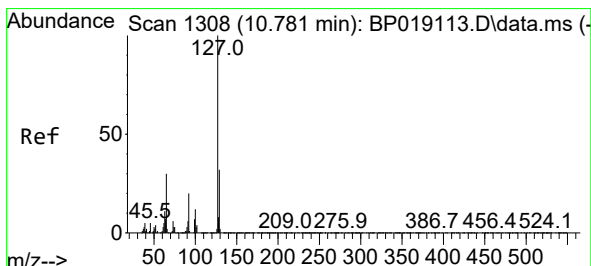
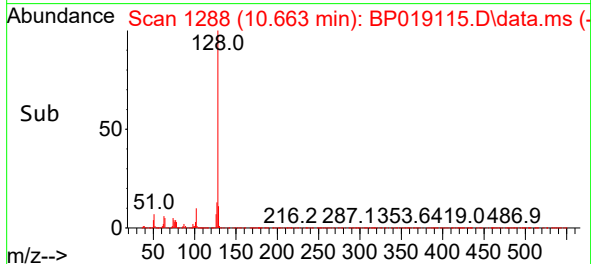
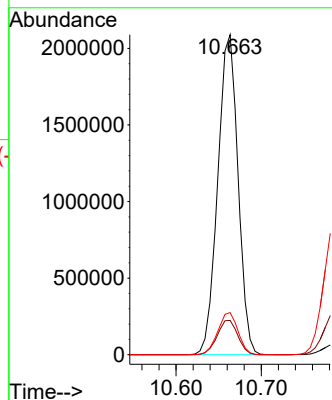
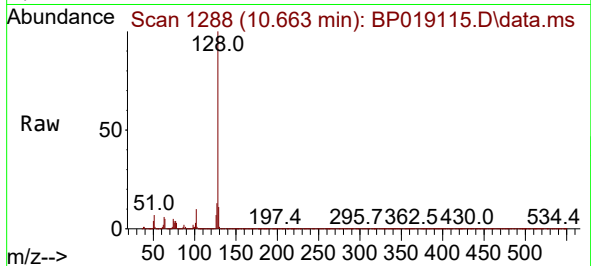




#30
Naphthalene
Concen: 72.877 ng/ul
RT: 10.663 min Scan# 1287
Delta R.T. 0.006 min
Lab File: BP019115.D
Acq: 27 Dec 2023 14:50

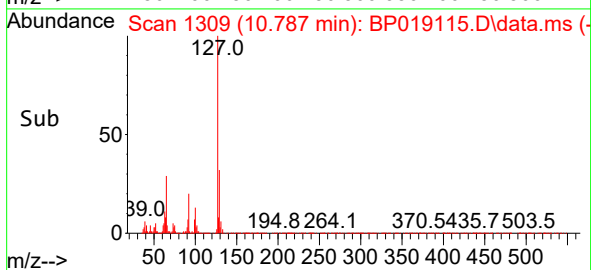
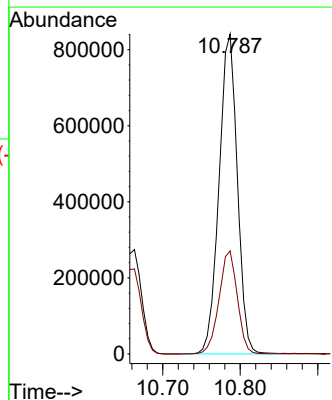
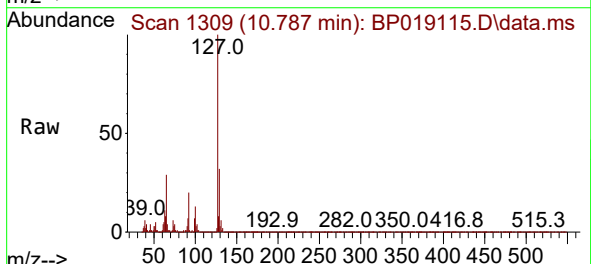
Instrument :
BNA_F
ClientSampleId :

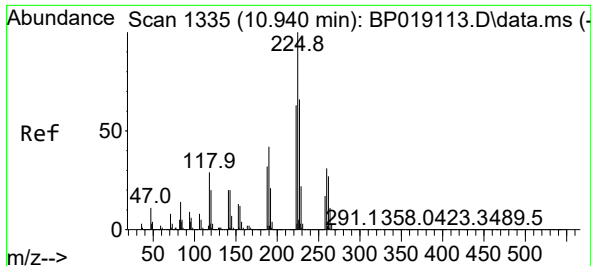
Tgt Ion:128 Resp: 3448593
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.2 10.6 15.8



#32
4-Chloroaniline
Concen: 78.863 ng/ul
RT: 10.787 min Scan# 1309
Delta R.T. 0.006 min
Lab File: BP019115.D
Acq: 27 Dec 2023 14:50

Tgt Ion:127 Resp: 1378214
Ion Ratio Lower Upper
127 100
129 32.2 25.6 38.4

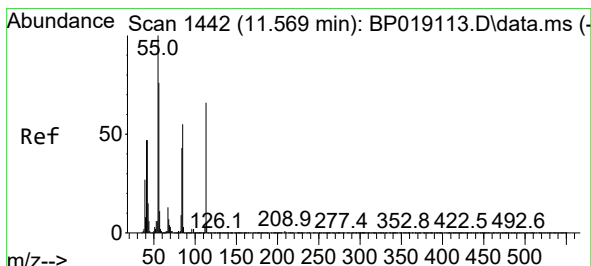
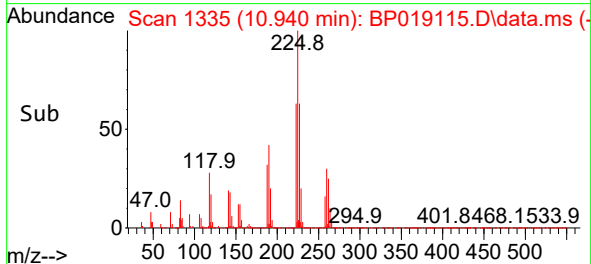
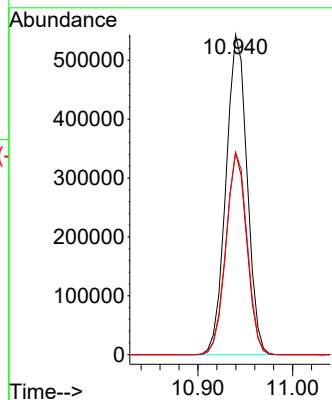
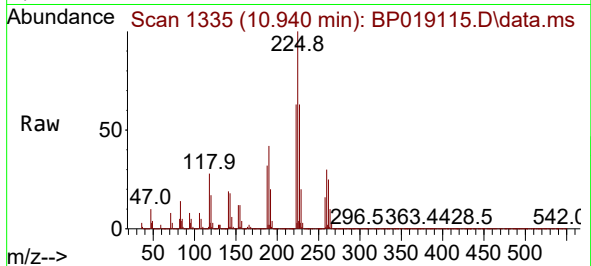




#33
Hexachlorobutadiene
Concen: 75.578 ng/ul
RT: 10.940 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP019115.D
Acq: 27 Dec 2023 14:50

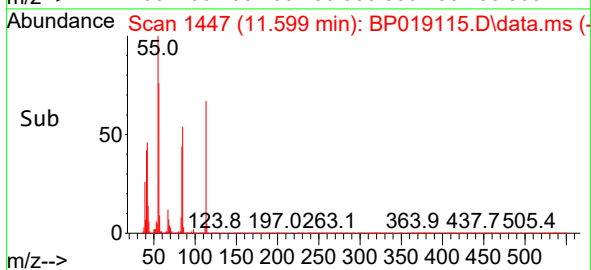
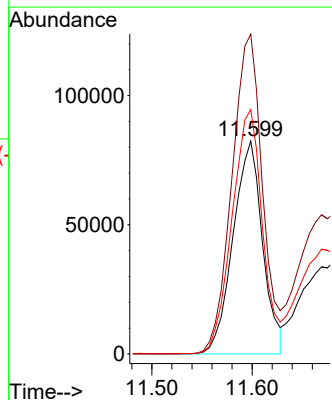
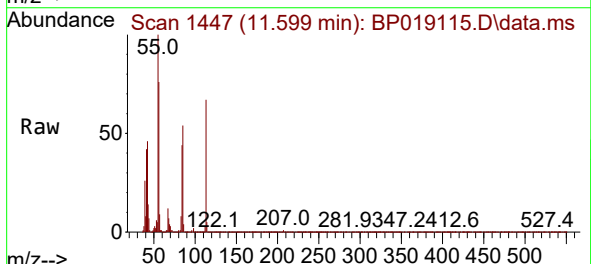
Instrument :
BNA_F
ClientSampleId :

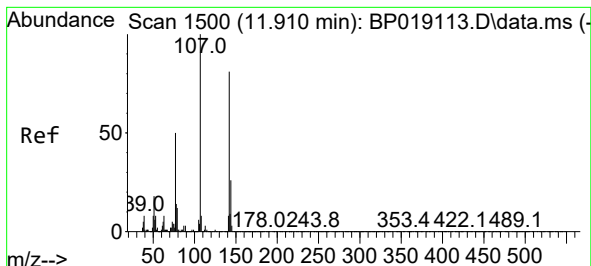
Tgt Ion:225 Resp: 841595
Ion Ratio Lower Upper
225 100
223 63.1 50.5 75.7
227 63.3 53.0 79.4



#34
Caprolactam
Concen: 44.482 ng/ul
RT: 11.599 min Scan# 1447
Delta R.T. 0.029 min
Lab File: BP019115.D
Acq: 27 Dec 2023 14:50

Tgt Ion:113 Resp: 168445
Ion Ratio Lower Upper
113 100
55 150.2 122.6 184.0
56 114.7 93.0 139.4

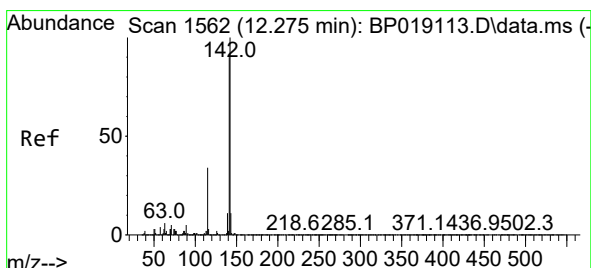
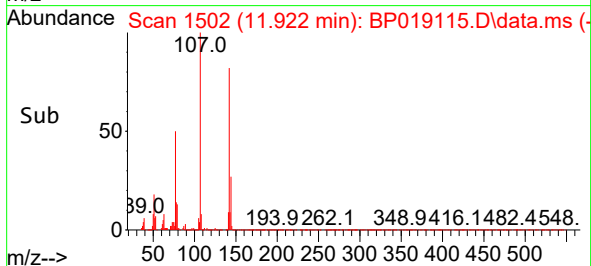
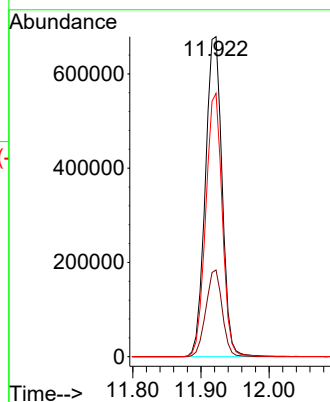
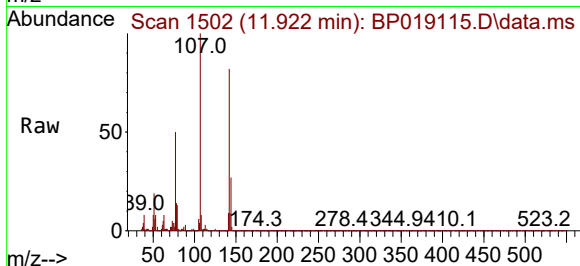




#35
4-Chloro-3-methylphenol
Concen: 81.654 ng/ul
RT: 11.922 min Scan# 1502
Delta R.T. 0.012 min
Lab File: BP019115.D
Acq: 27 Dec 2023 14:50

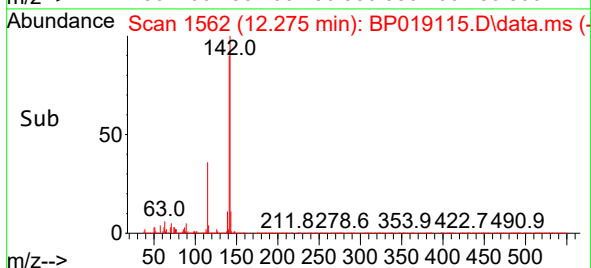
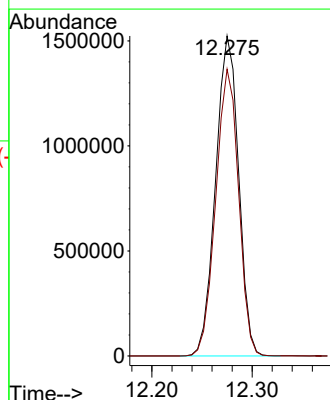
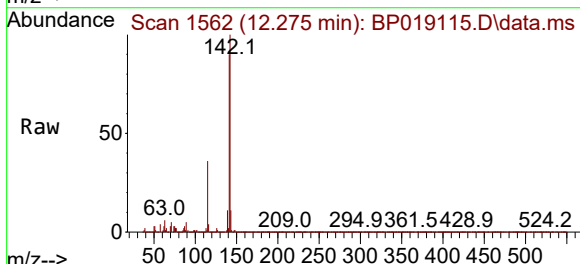
Instrument :
BNA_F
ClientSampleId :

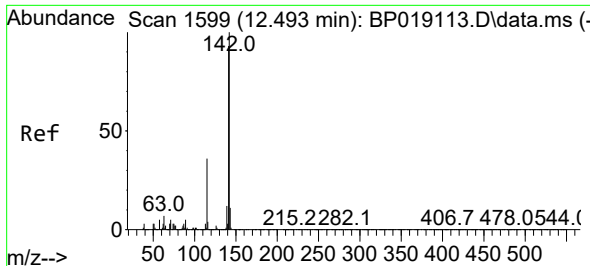
Tgt Ion:107 Resp: 1159776
Ion Ratio Lower Upper
107 100
144 27.1 21.0 31.6
142 82.3 64.8 97.2



#36
2-Methylnaphthalene
Concen: 76.021 ng/ul
RT: 12.275 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BP019115.D
Acq: 27 Dec 2023 14:50

Tgt Ion:142 Resp: 2425436
Ion Ratio Lower Upper
142 100
141 89.6 71.7 107.5

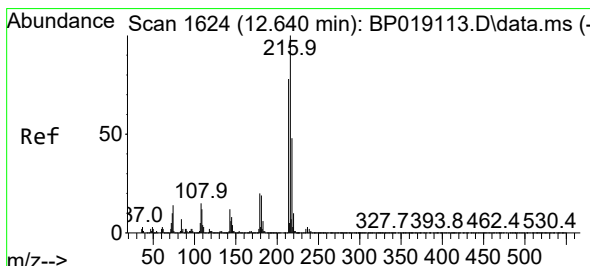
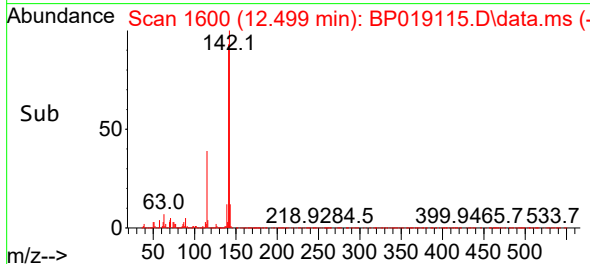
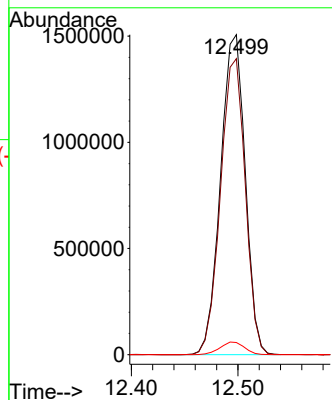
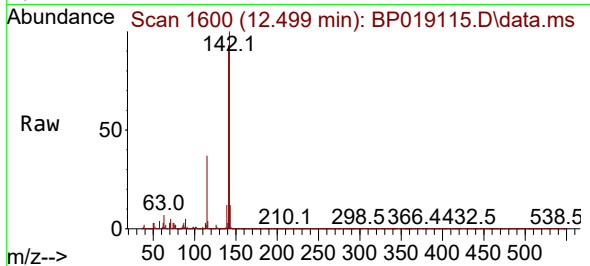




#37
1-Methylnaphthalene
Concen: 75.423 ng/ul
RT: 12.499 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP019115.D
Acq: 27 Dec 2023 14:50

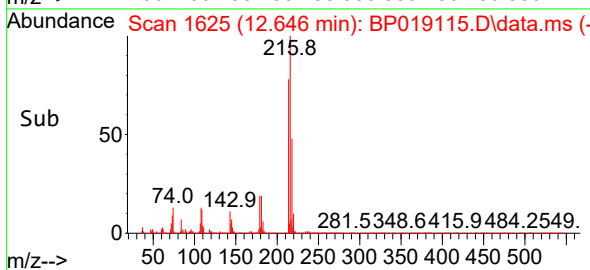
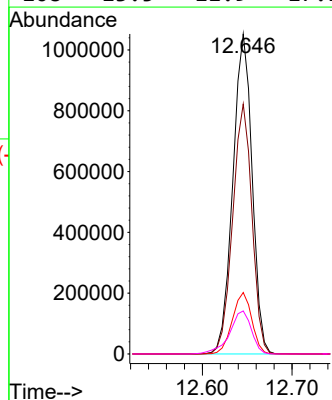
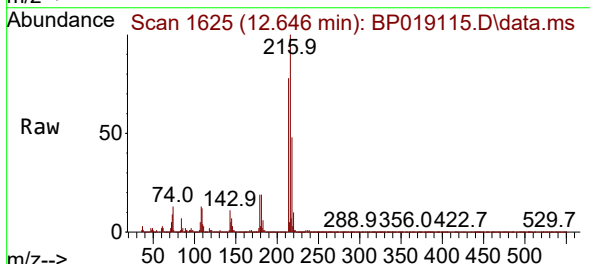
Instrument :
BNA_F
ClientSampleId :

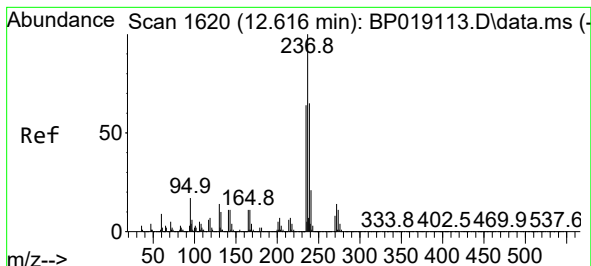
Tgt Ion:142 Resp: 2426608
Ion Ratio Lower Upper
142 100
141 92.5 74.4 111.6
116 3.8 3.0 4.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 75.581 ng/ul
RT: 12.646 min Scan# 1625
Delta R.T. 0.006 min
Lab File: BP019115.D
Acq: 27 Dec 2023 14:50

Tgt Ion:216 Resp: 1568487
Ion Ratio Lower Upper
216 100
214 78.1 62.6 94.0
179 19.2 15.8 23.8
108 13.5 11.9 17.9





#40

Hexachlorocyclopentadiene

Concen: 75.994 ng/ul

RT: 12.622 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP019115.D

Acq: 27 Dec 2023 14:50

Instrument :

BNA_F

ClientSampleId :

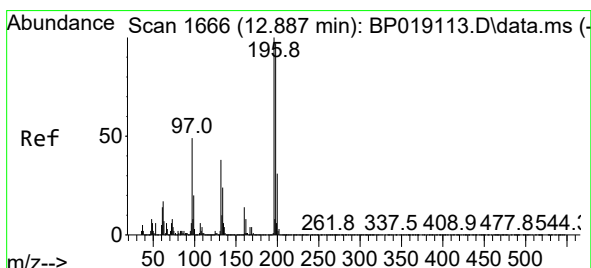
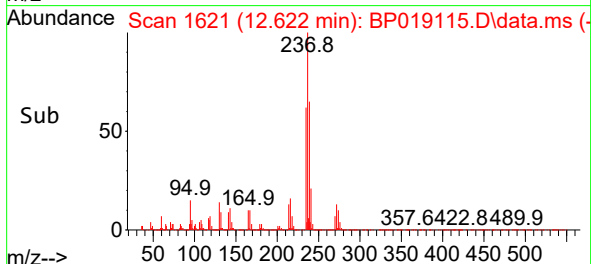
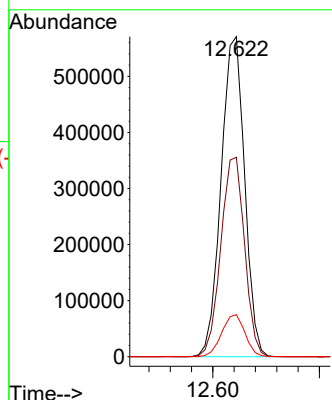
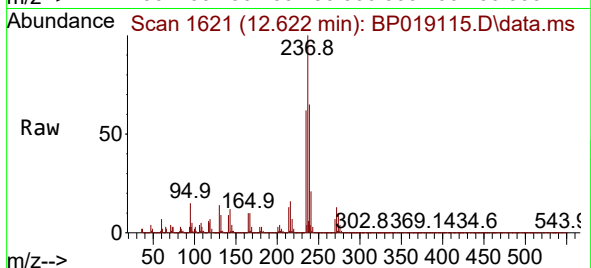
Tgt Ion:237 Resp: 875365

Ion Ratio Lower Upper

237 100

235 62.3 51.2 76.8

272 13.2 10.9 16.3



#41

2,4,6-Trichlorophenol

Concen: 81.212 ng/ul

RT: 12.893 min Scan# 1667

Delta R.T. 0.006 min

Lab File: BP019115.D

Acq: 27 Dec 2023 14:50

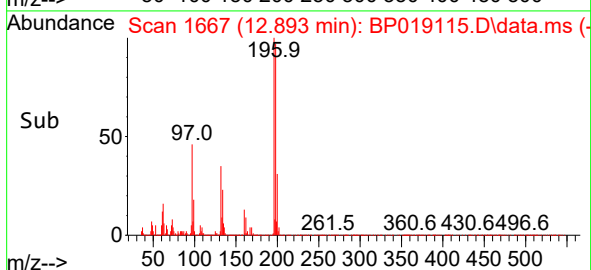
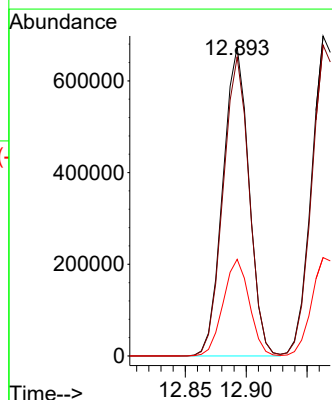
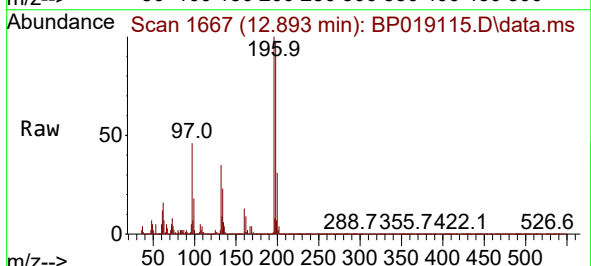
Tgt Ion:196 Resp: 1005795

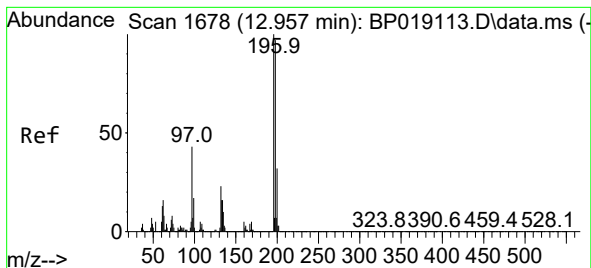
Ion Ratio Lower Upper

196 100

198 96.8 77.4 116.0

200 31.3 24.6 36.8





#42

2,4,5-Trichlorophenol

Concen: 82.450 ng/ul

RT: 12.963 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP019115.D

Acq: 27 Dec 2023 14:50

Instrument :

BNA_F

ClientSampleId :

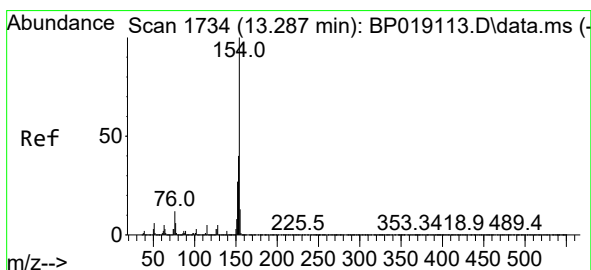
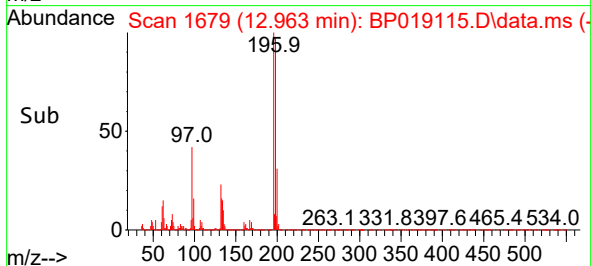
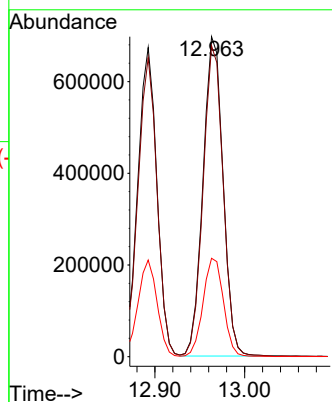
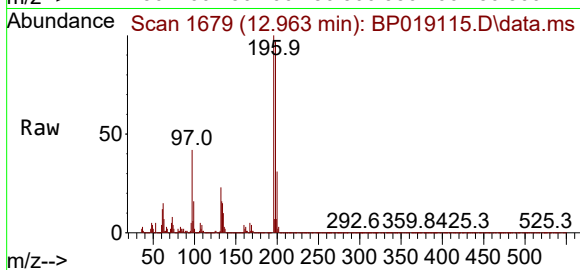
Tgt Ion:196 Resp: 1083940

Ion Ratio Lower Upper

196 100

198 97.2 77.3 115.9

200 30.7 25.7 38.5



#43

1,1'-Biphenyl

Concen: 73.471 ng/ul

RT: 13.293 min Scan# 1735

Delta R.T. 0.006 min

Lab File: BP019115.D

Acq: 27 Dec 2023 14:50

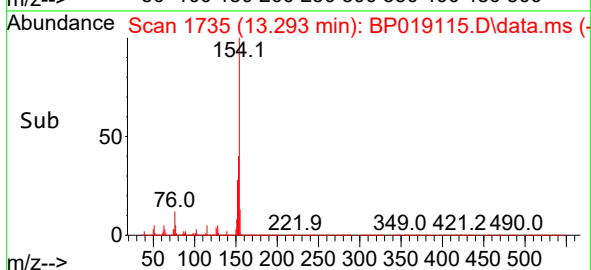
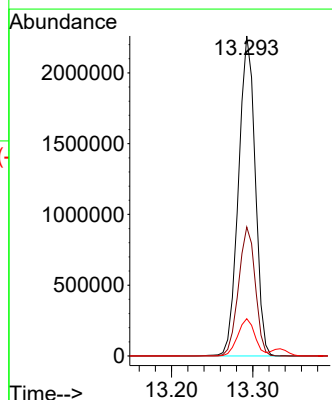
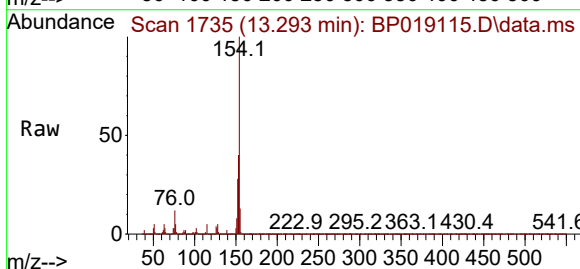
Tgt Ion:154 Resp: 3229416

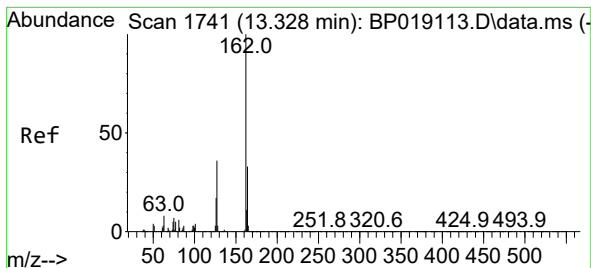
Ion Ratio Lower Upper

154 100

153 40.3 31.9 47.9

76 11.7 9.5 14.3





#44

2-Chloronaphthalene

Concen: 74.295 ng/ul

RT: 13.334 min Scan# 1742

Delta R.T. 0.006 min

Lab File: BP019115.D

Acq: 27 Dec 2023 14:50

Instrument :

BNA_F

ClientSampleId :

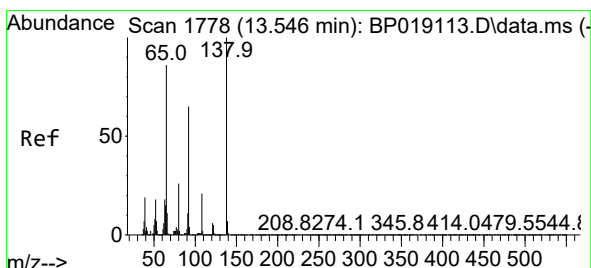
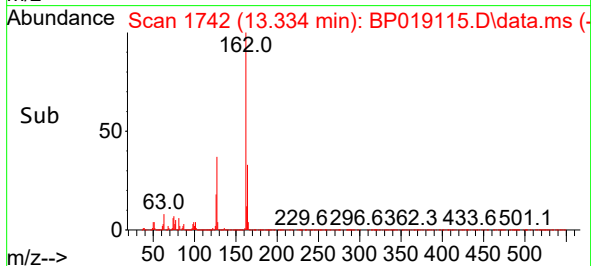
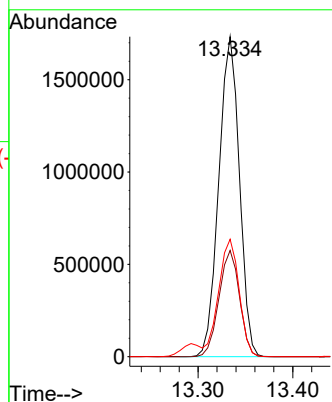
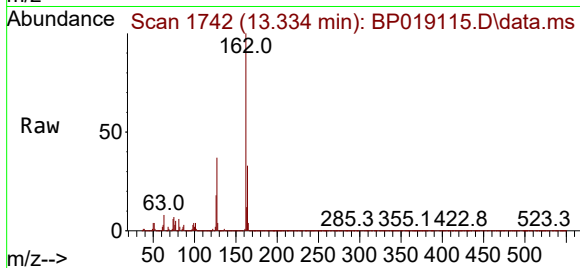
Tgt Ion:162 Resp: 2620366

Ion Ratio Lower Upper

162 100

164 33.2 26.2 39.4

127 36.7 28.8 43.2



#45

2-Nitroaniline

Concen: 85.872 ng/ul

RT: 13.551 min Scan# 1779

Delta R.T. 0.006 min

Lab File: BP019115.D

Acq: 27 Dec 2023 14:50

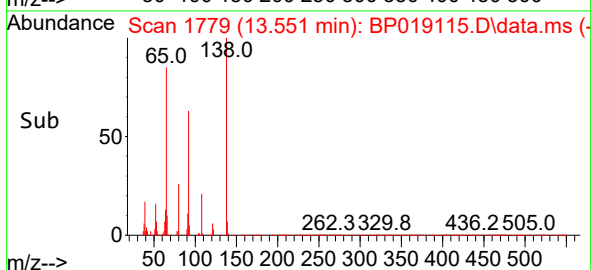
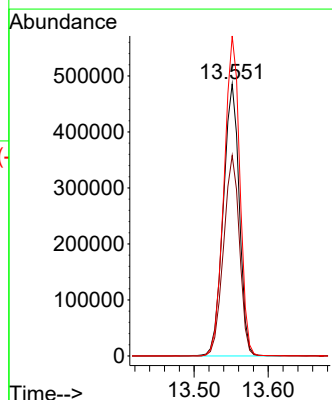
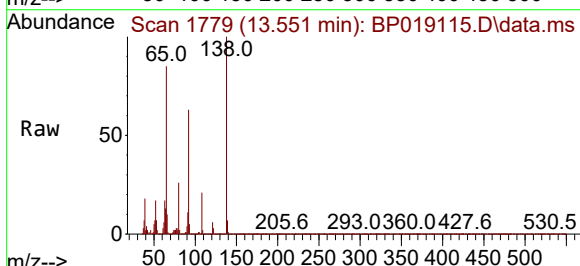
Tgt Ion: 65 Resp: 727084

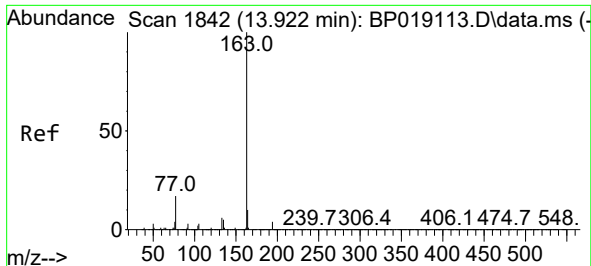
Ion Ratio Lower Upper

65 100

92 73.7 60.2 90.4

138 117.6 92.9 139.3





#47

Dimethylphthalate

Concen: 74.834 ng/ul

RT: 13.928 min Scan# 1842

Delta R.T. 0.006 min

Lab File: BP019115.D

Acq: 27 Dec 2023 14:50

Instrument :

BNA_F

ClientSampleId :

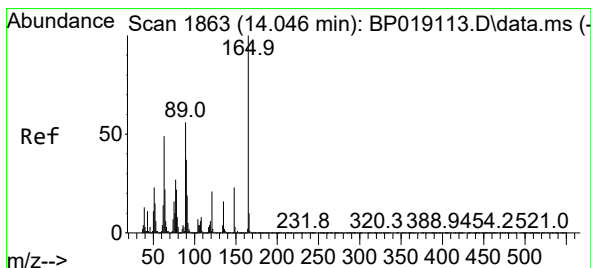
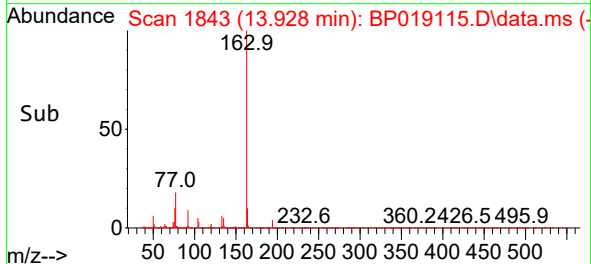
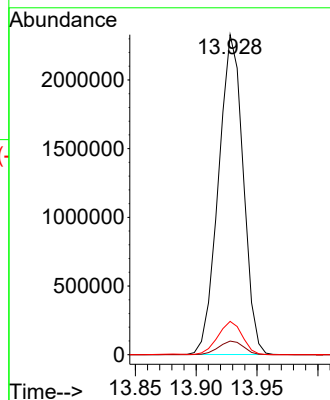
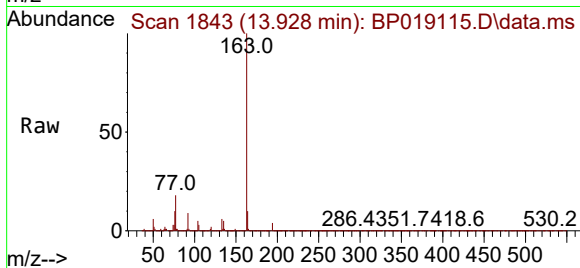
Tgt Ion:163 Resp: 3287683

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.4 8.1 12.1



#48

2,6-Dinitrotoluene

Concen: 88.429 ng/ul

RT: 14.051 min Scan# 1864

Delta R.T. 0.006 min

Lab File: BP019115.D

Acq: 27 Dec 2023 14:50

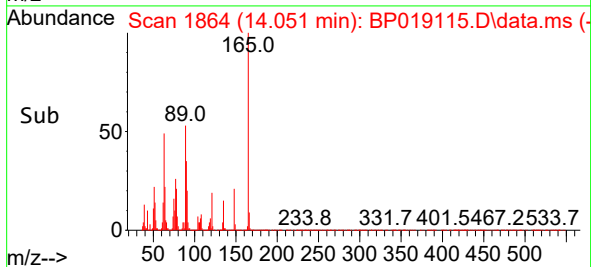
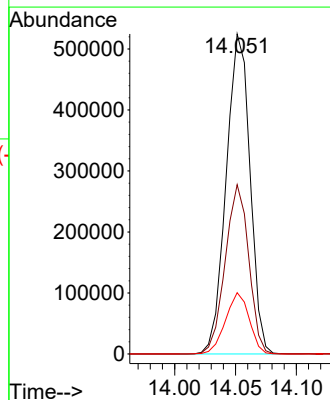
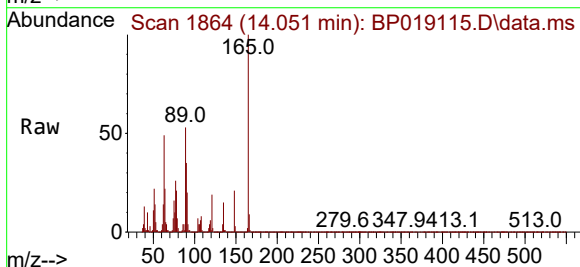
Tgt Ion:165 Resp: 713889

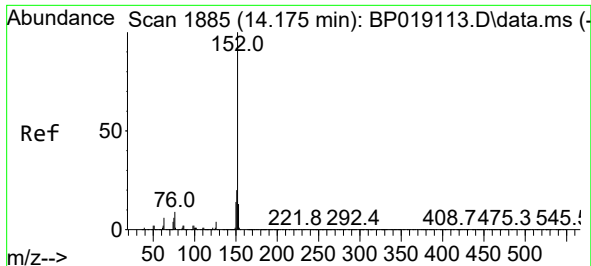
Ion Ratio Lower Upper

165 100

89 52.9 45.1 67.7

121 19.2 16.7 25.1

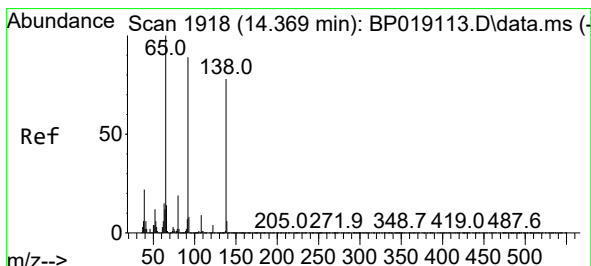
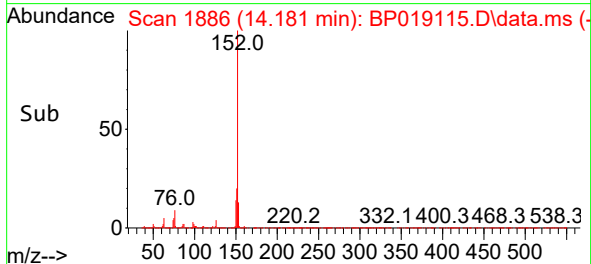
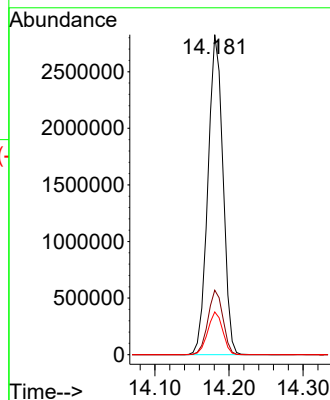
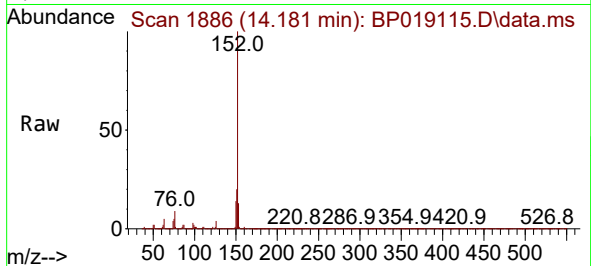




#50
Acenaphthylene
Concen: 73.350 ng/ul
RT: 14.181 min Scan# 1885
Delta R.T. 0.006 min
Lab File: BP019115.D
Acq: 27 Dec 2023 14:50

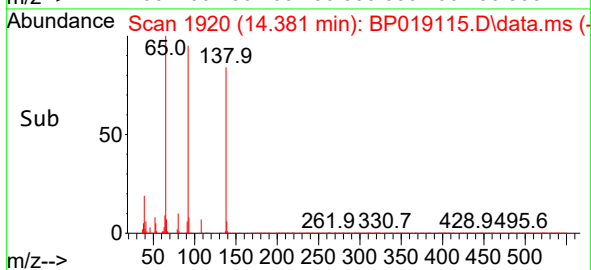
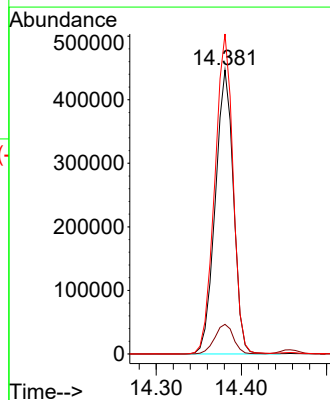
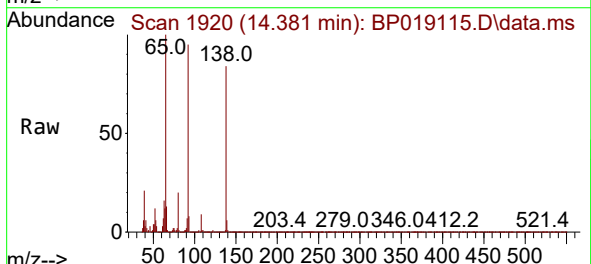
Instrument :
BNA_F
ClientSampleId :

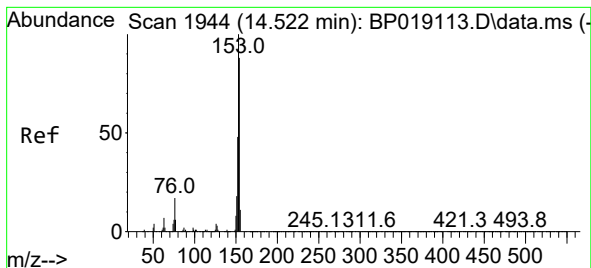
Tgt Ion:152 Resp: 3985394
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.4 10.6 15.8



#51
3-Nitroaniline
Concen: 83.765 ng/ul
RT: 14.381 min Scan# 1920
Delta R.T. 0.012 min
Lab File: BP019115.D
Acq: 27 Dec 2023 14:50

Tgt Ion:138 Resp: 661099
Ion Ratio Lower Upper
138 100
108 10.4 9.8 14.6
92 112.7 91.9 137.9





#52

Acenaphthene

Concen: 72.221 ng/ul

RT: 14.522 min Scan# 1944

Delta R.T. -0.000 min

Lab File: BP019115.D

Acq: 27 Dec 2023 14:50

Instrument :

BNA_F

ClientSampleId :

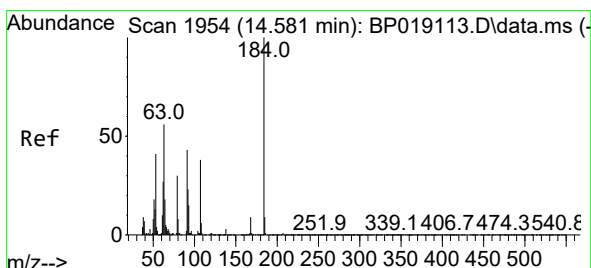
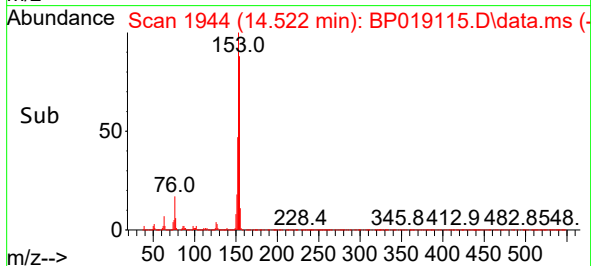
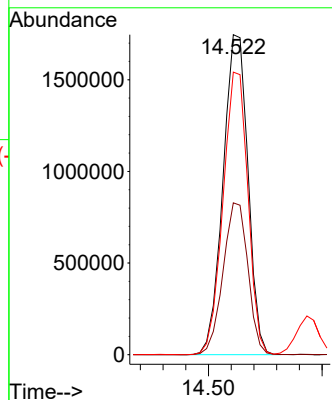
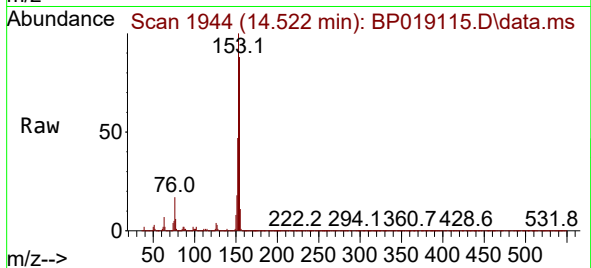
Tgt Ion:153 Resp: 2659552

Ion Ratio Lower Upper

153 100

152 47.4 38.1 57.1

154 88.3 70.1 105.1



#53

2,4-Dinitrophenol

Concen: 91.897 ng/ul

RT: 14.587 min Scan# 1955

Delta R.T. 0.006 min

Lab File: BP019115.D

Acq: 27 Dec 2023 14:50

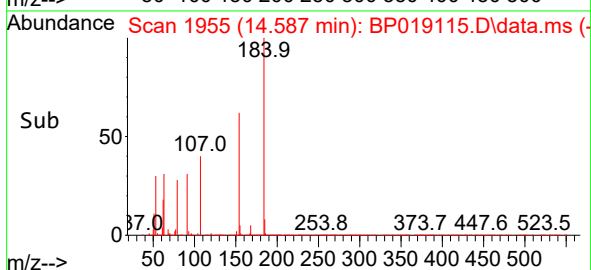
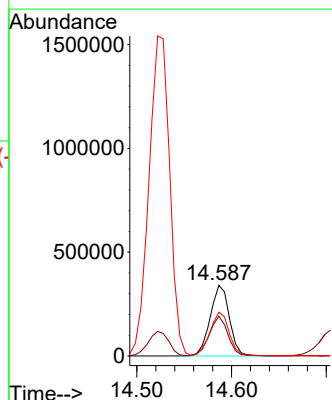
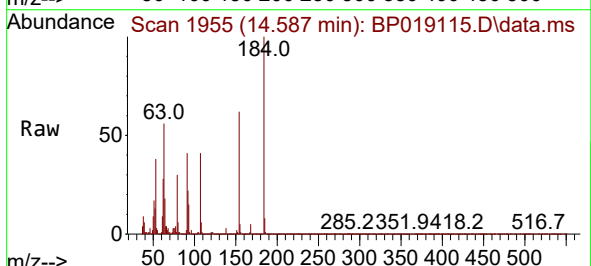
Tgt Ion:184 Resp: 477956

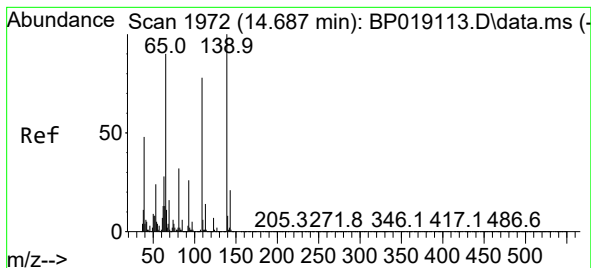
Ion Ratio Lower Upper

184 100

63 56.1 48.5 72.7

154 61.9 49.3 73.9

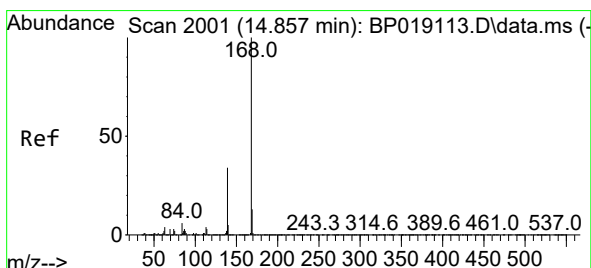
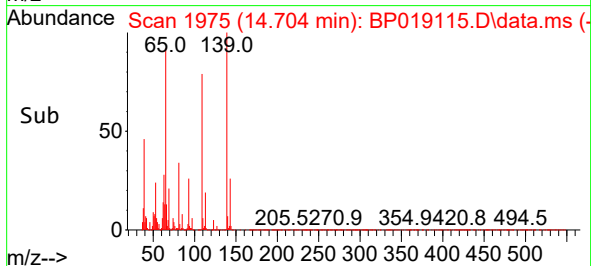
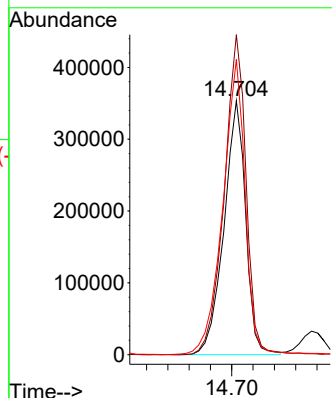
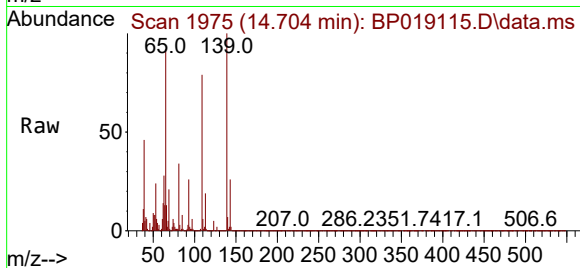




#55
4-Nitrophenol
Concen: 82.970 ng/ul
RT: 14.704 min Scan# 1975
Delta R.T. 0.018 min
Lab File: BP019115.D
Acq: 27 Dec 2023 14:50

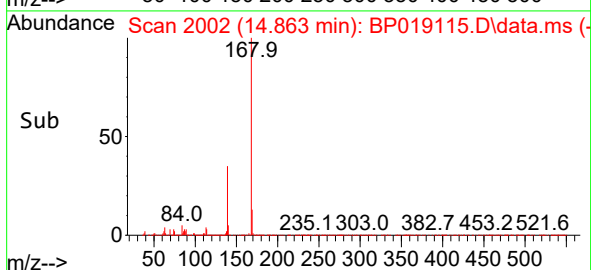
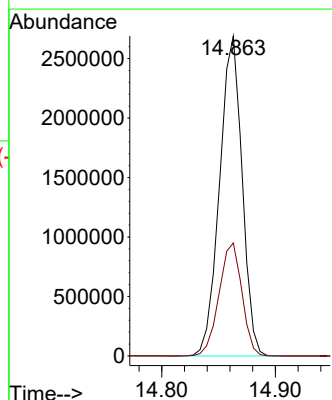
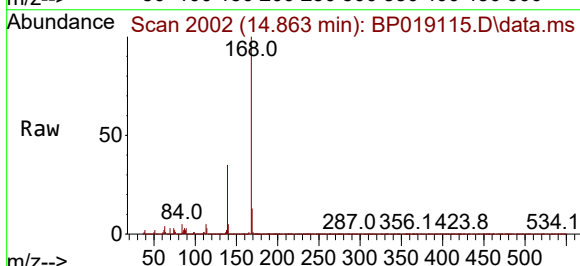
Instrument :
BNA_F
ClientSampleId :

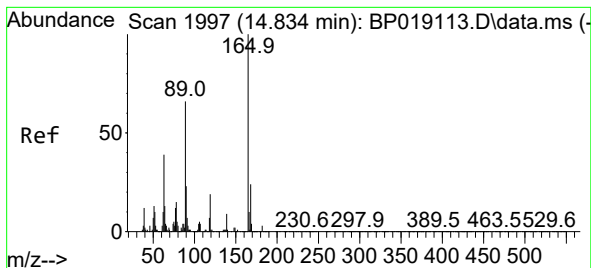
Tgt Ion:109 Resp: 498346
Ion Ratio Lower Upper
109 100
139 126.0 102.6 154.0
65 116.2 92.9 139.3



#56
Dibenzofuran
Concen: 70.520 ng/ul
RT: 14.863 min Scan# 2002
Delta R.T. 0.006 min
Lab File: BP019115.D
Acq: 27 Dec 2023 14:50

Tgt Ion:168 Resp: 3708533
Ion Ratio Lower Upper
168 100
139 35.3 27.4 41.0





#57

2,4-Dinitrotoluene

Concen: 85.276 ng/ul

RT: 14.840 min Scan# 1997

Delta R.T. 0.006 min

Lab File: BP019115.D

Acq: 27 Dec 2023 14:50

Instrument :

BNA_F

ClientSampleId :

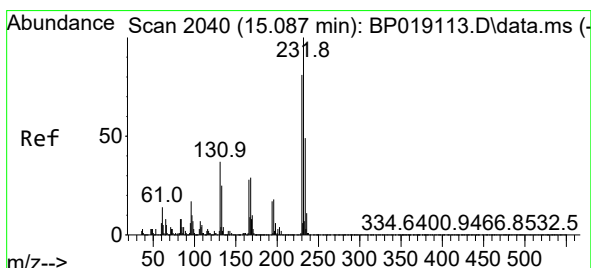
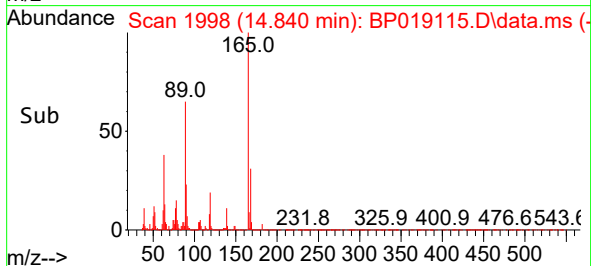
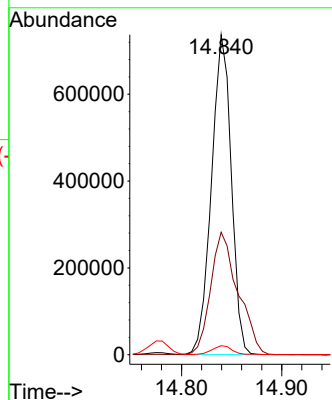
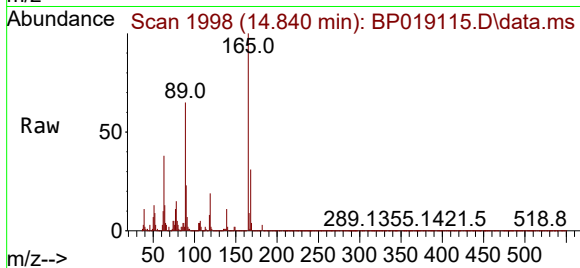
Tgt Ion:165 Resp: 1012470

Ion Ratio Lower Upper

165 100

63 38.3 31.5 47.3

182 2.8 2.2 3.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 82.296 ng/ul

RT: 15.092 min Scan# 2041

Delta R.T. 0.006 min

Lab File: BP019115.D

Acq: 27 Dec 2023 14:50

Tgt Ion:232 Resp: 945262

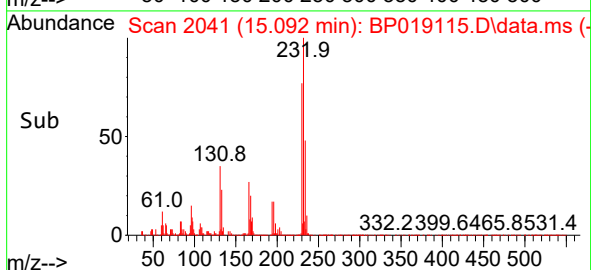
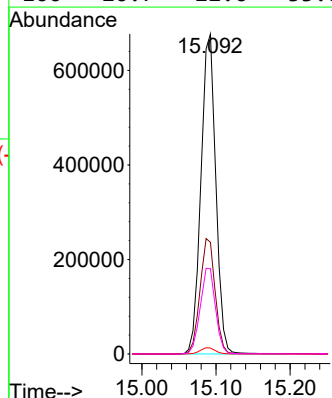
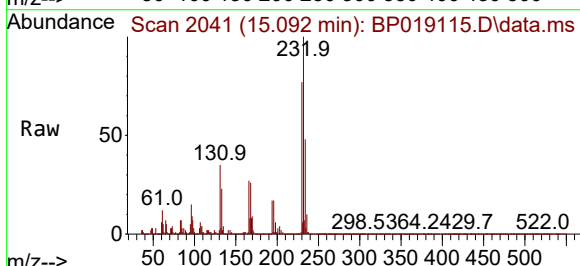
Ion Ratio Lower Upper

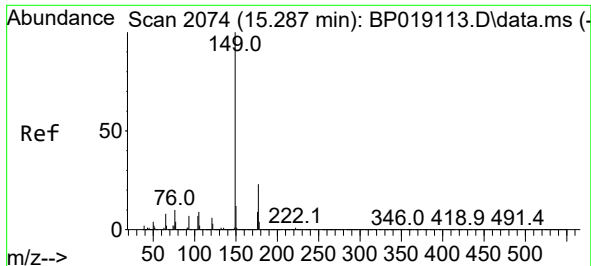
232 100

131 34.9 29.3 43.9

130 1.9 1.4 2.2

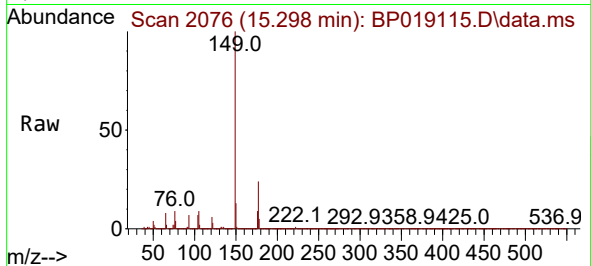
166 26.7 22.6 33.8



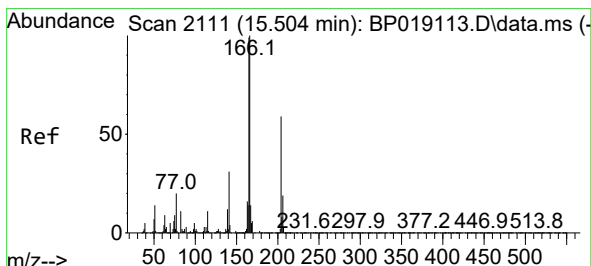
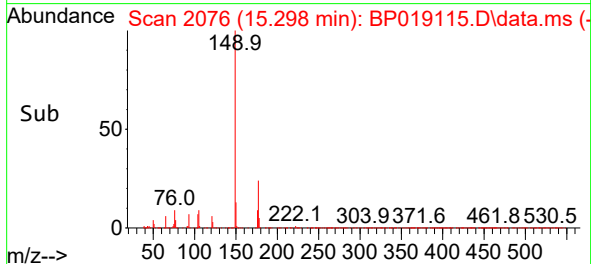
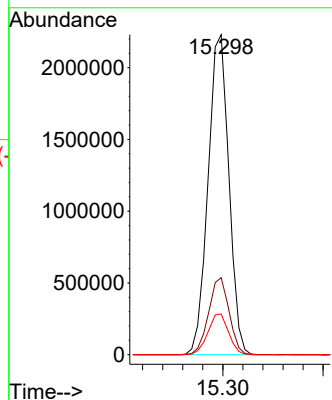


#59
Diethylphthalate
Concen: 75.509 ng/ul
RT: 15.298 min Scan# 2076
Delta R.T. 0.012 min
Lab File: BP019115.D
Acq: 27 Dec 2023 14:50

Instrument :
BNA_F
ClientSampleId :

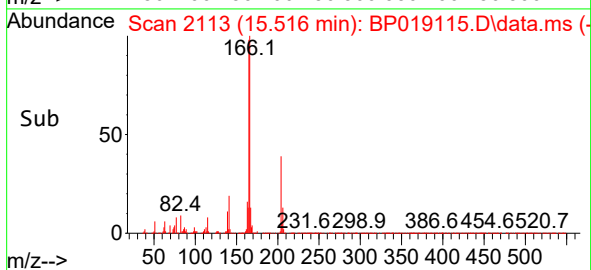
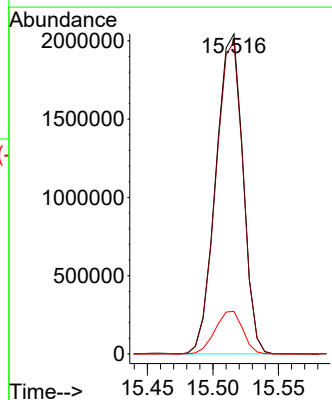
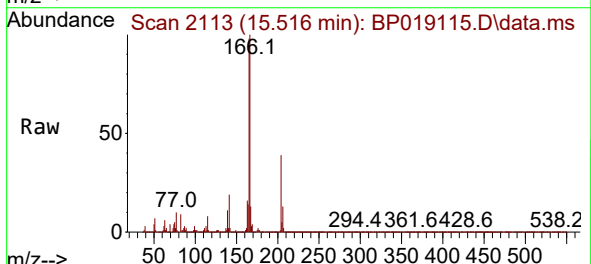


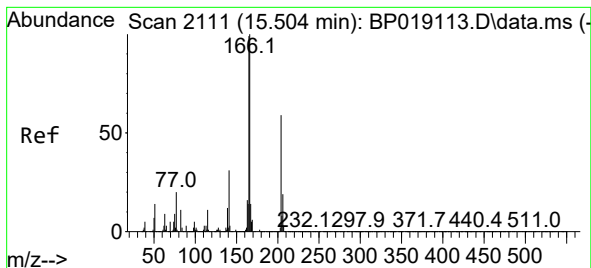
Tgt Ion:149 Resp: 3216439
Ion Ratio Lower Upper
149 100
177 24.1 18.7 28.1
150 12.7 9.8 14.8



#61
Fluorene
Concen: 69.831 ng/ul
RT: 15.516 min Scan# 2113
Delta R.T. 0.012 min
Lab File: BP019115.D
Acq: 27 Dec 2023 14:50

Tgt Ion:166 Resp: 2939271
Ion Ratio Lower Upper
166 100
165 97.6 79.3 118.9
167 13.3 11.0 16.4

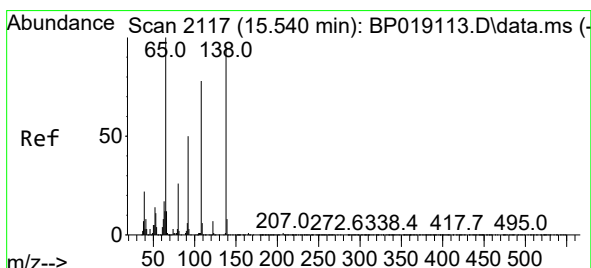
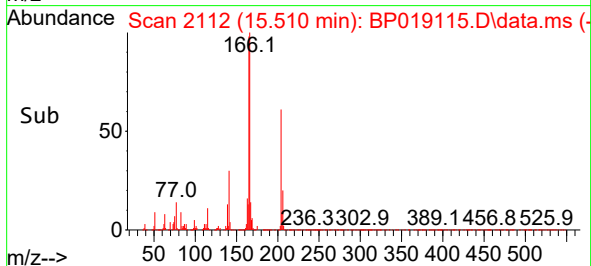
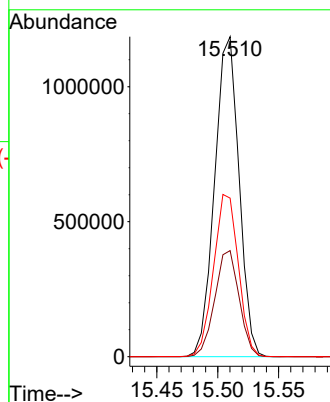
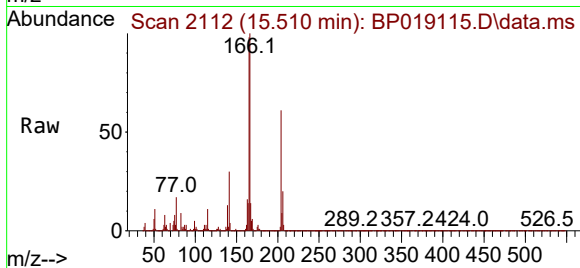




#62
4-Chlorophenyl-phenylether
Concen: 71.764 ng/ul
RT: 15.510 min Scan# 2111
Delta R.T. 0.006 min
Lab File: BP019115.D
Acq: 27 Dec 2023 14:50

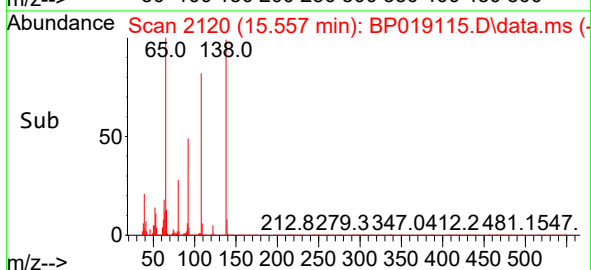
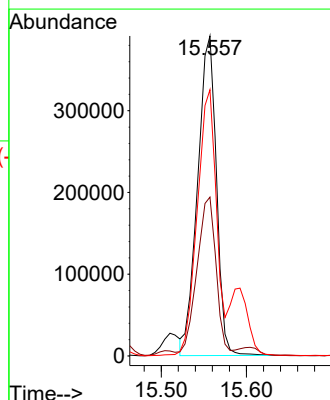
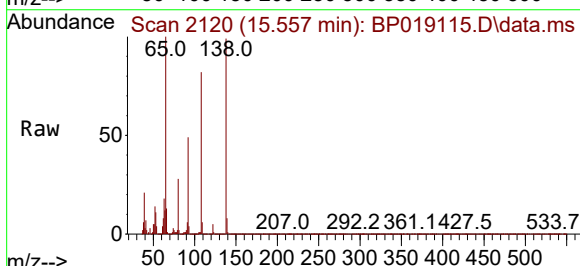
Instrument :
BNA_F
ClientSampleId :

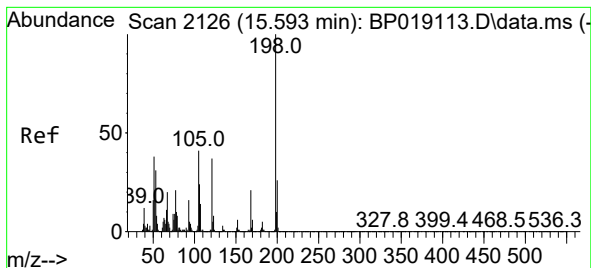
Tgt Ion:204 Resp: 1649599
Ion Ratio Lower Upper
204 100
206 33.2 26.3 39.5
141 49.5 42.2 63.2



#63
4-Nitroaniline
Concen: 77.377 ng/ul
RT: 15.557 min Scan# 2120
Delta R.T. 0.018 min
Lab File: BP019115.D
Acq: 27 Dec 2023 14:50

Tgt Ion:138 Resp: 598211
Ion Ratio Lower Upper
138 100
92 49.6 42.2 63.4
108 83.2 66.2 99.4

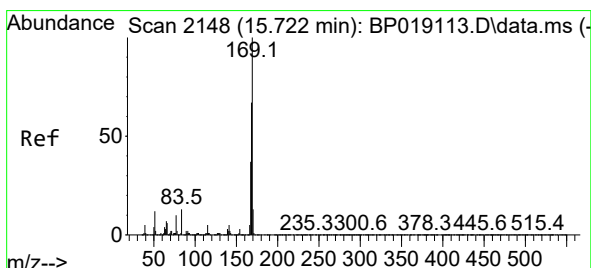
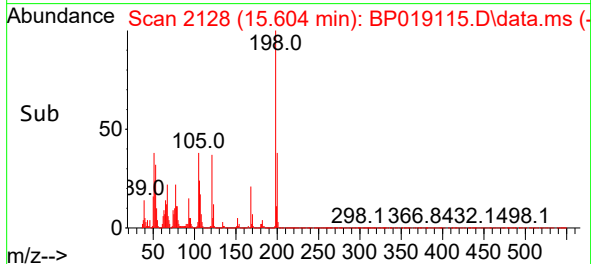
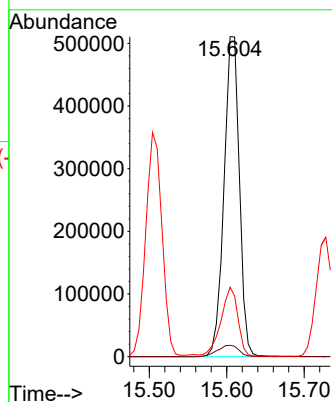
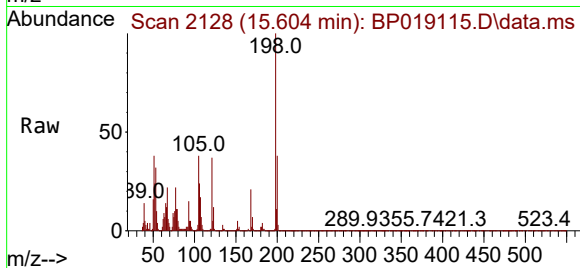




#66
4,6-Dinitro-2-methylphenol
Concen: 86.173 ng/ul
RT: 15.604 min Scan# 2128
Delta R.T. 0.012 min
Lab File: BP019115.D
Acq: 27 Dec 2023 14:50

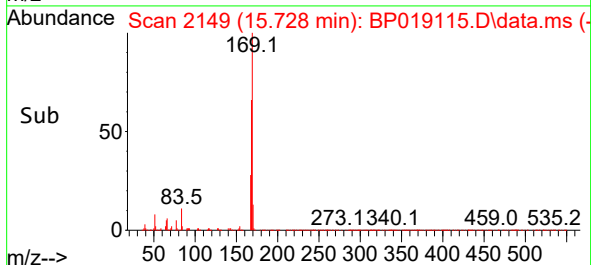
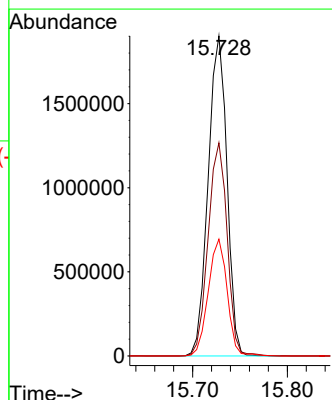
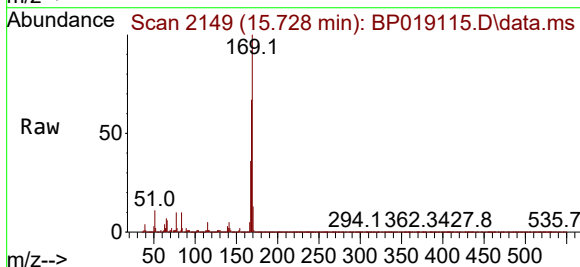
Instrument :
BNA_F
ClientSampleId :

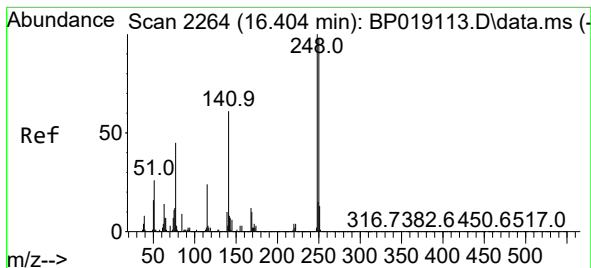
Tgt Ion:198 Resp: 704312
Ion Ratio Lower Upper
198 100
182 3.6 4.0 6.0#
77 21.7 17.4 26.2



#67
N-Nitrosodiphenylamine
Concen: 72.835 ng/ul
RT: 15.728 min Scan# 2149
Delta R.T. 0.006 min
Lab File: BP019115.D
Acq: 27 Dec 2023 14:50

Tgt Ion:169 Resp: 2617528
Ion Ratio Lower Upper
169 100
168 66.6 53.8 80.8
167 36.5 29.5 44.3

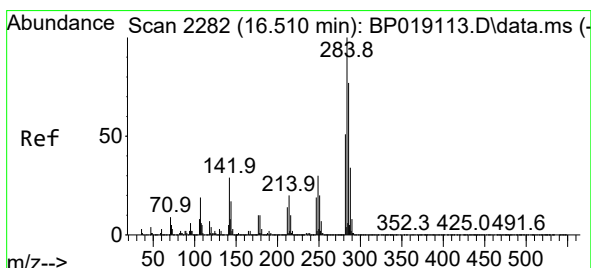
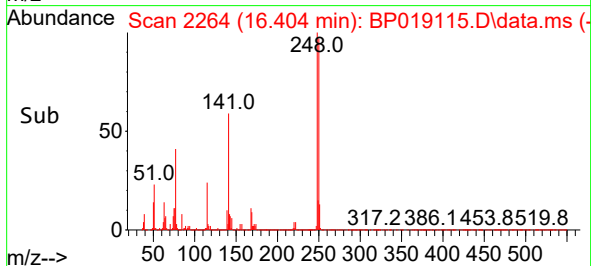
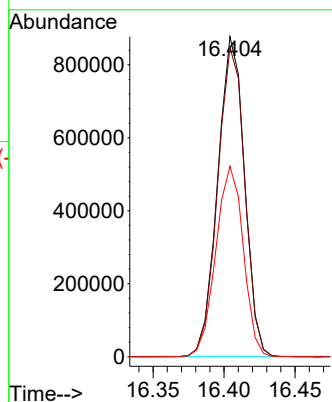
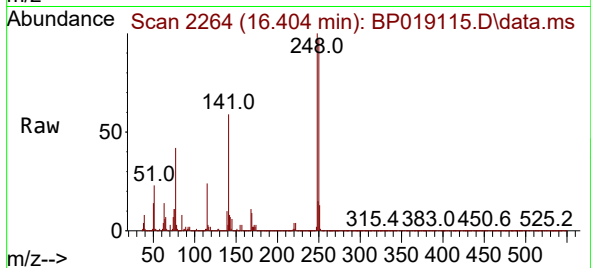




#68
4-Bromophenyl-phenylether
Concen: 78.708 ng/ul
RT: 16.404 min Scan# 211
Delta R.T. -0.000 min
Lab File: BP019115.D
Acq: 27 Dec 2023 14:50

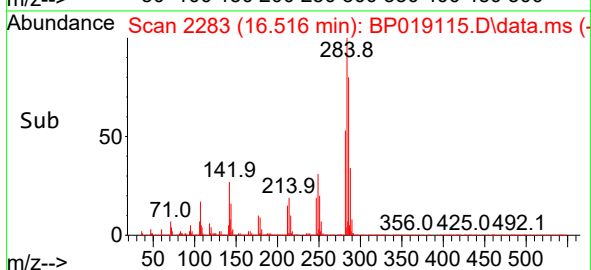
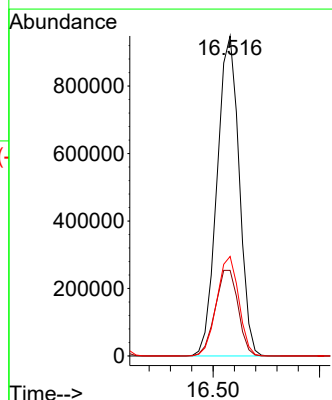
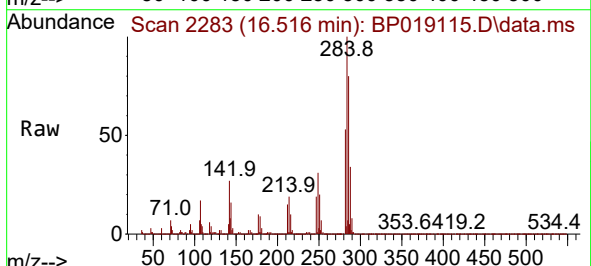
Instrument :
BNA_F
ClientSampleId :

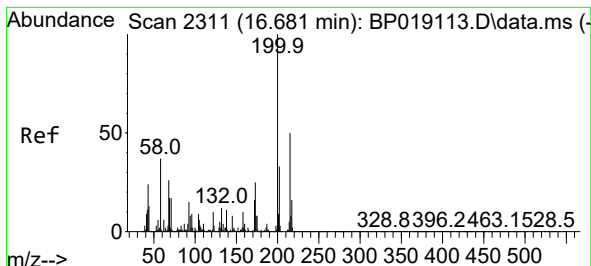
Tgt Ion:248 Resp: 1151930
Ion Ratio Lower Upper
248 100
250 96.6 78.3 117.5
141 59.5 48.6 72.8



#69
Hexachlorobenzene
Concen: 76.188 ng/ul
RT: 16.516 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BP019115.D
Acq: 27 Dec 2023 14:50

Tgt Ion:284 Resp: 1362683
Ion Ratio Lower Upper
284 100
142 26.8 22.9 34.3
249 31.1 23.7 35.5





#70

Atrazine

Concen: 75.015 ng/ul

RT: 16.692 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP019115.D

Acq: 27 Dec 2023 14:50

Instrument :

BNA_F

ClientSampleId :

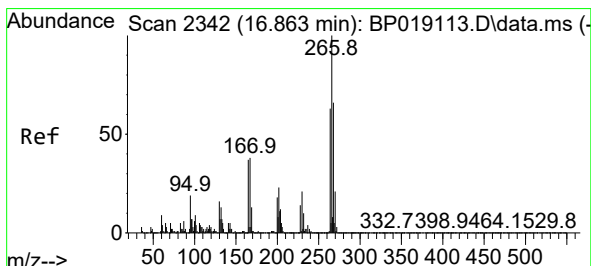
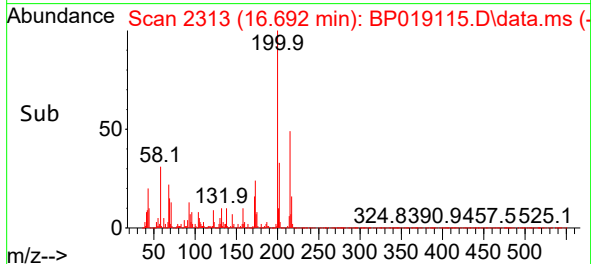
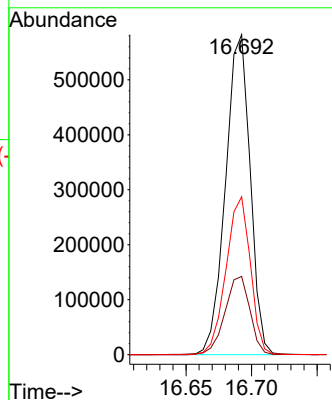
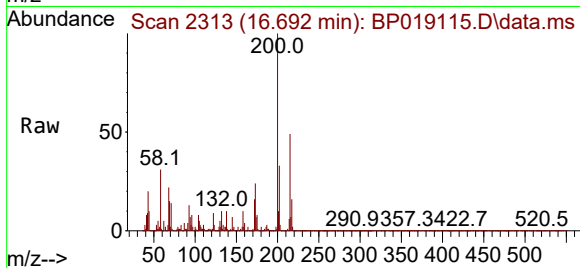
Tgt Ion:200 Resp: 760805

Ion Ratio Lower Upper

200 100

173 24.5 20.2 30.2

215 49.4 39.9 59.9



#71

Pentachlorophenol

Concen: 86.416 ng/ul

RT: 16.863 min Scan# 2342

Delta R.T. -0.000 min

Lab File: BP019115.D

Acq: 27 Dec 2023 14:50

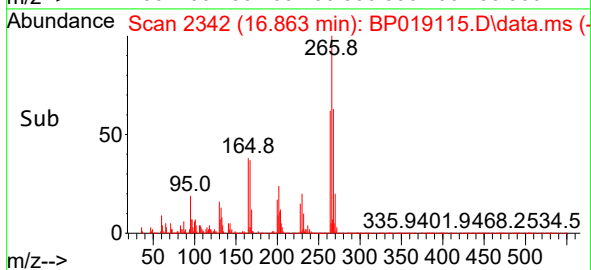
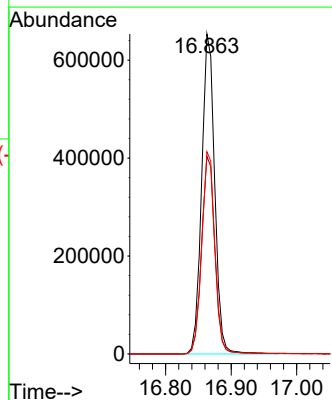
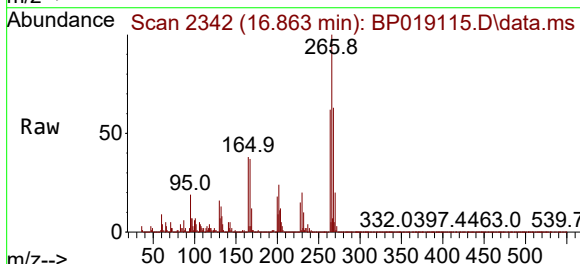
Tgt Ion:266 Resp: 907457

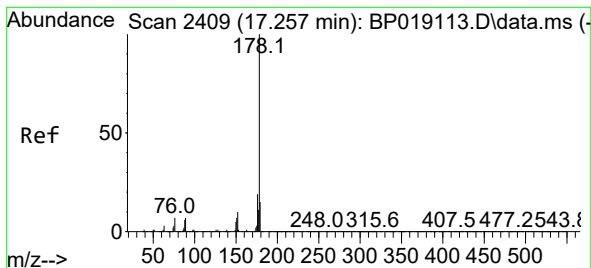
Ion Ratio Lower Upper

266 100

264 61.8 50.0 75.0

268 63.2 52.8 79.2





#72

Phenanthrene

Concen: 71.175 ng/ul

RT: 17.263 min Scan# 2410

Delta R.T. 0.006 min

Lab File: BP019115.D

Acq: 27 Dec 2023 14:50

Instrument :

BNA_F

ClientSampleId :

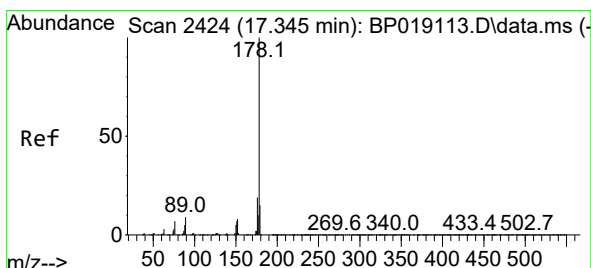
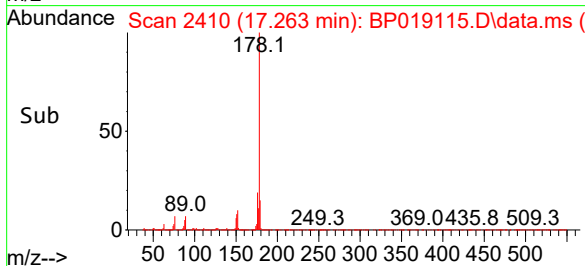
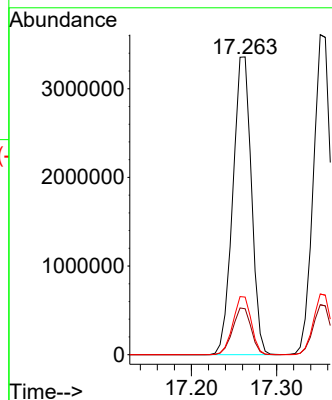
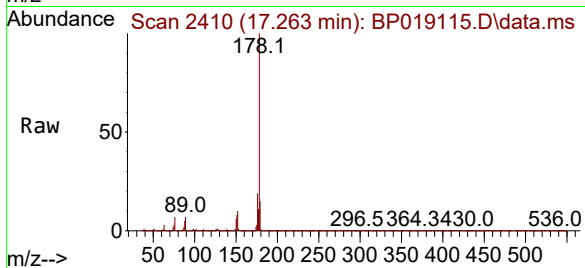
Tgt Ion:178 Resp: 5079010

Ion Ratio Lower Upper

178 100

179 15.4 11.9 17.9

176 19.4 15.0 22.6



#74

Anthracene

Concen: 71.810 ng/ul

RT: 17.351 min Scan# 2425

Delta R.T. 0.006 min

Lab File: BP019115.D

Acq: 27 Dec 2023 14:50

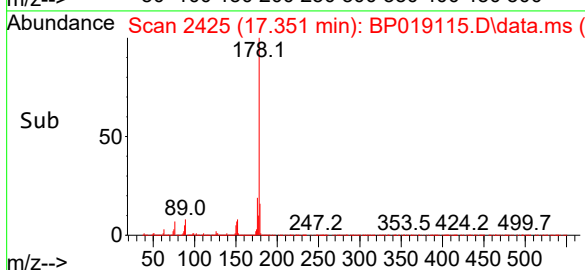
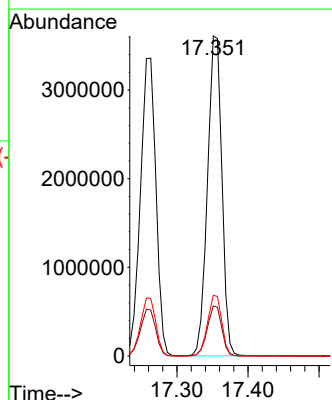
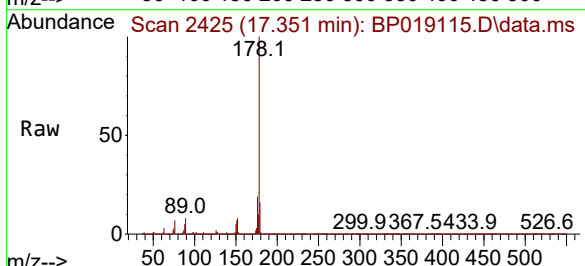
Tgt Ion:178 Resp: 5101448

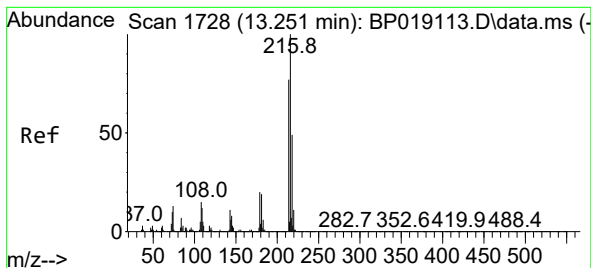
Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.4

176 19.0 14.9 22.3





#75

1,2,3,4-Tetrachlorobenzene

Concen: 76.943 ng/uL

RT: 13.251 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP019115.D

Acq: 27 Dec 2023 14:50

Instrument :

BNA_F

ClientSampleId :

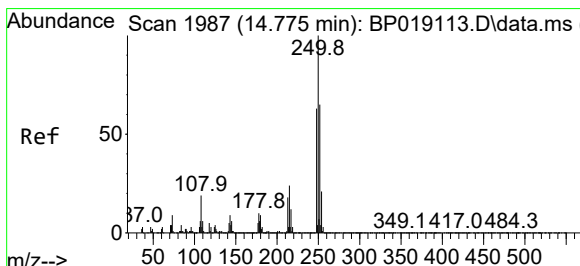
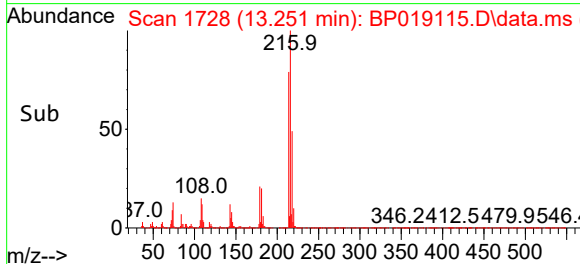
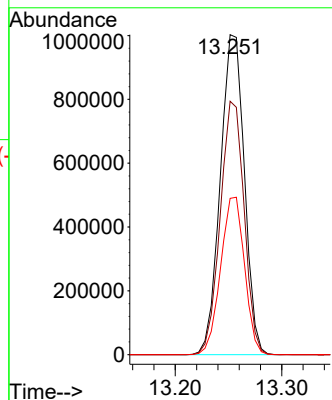
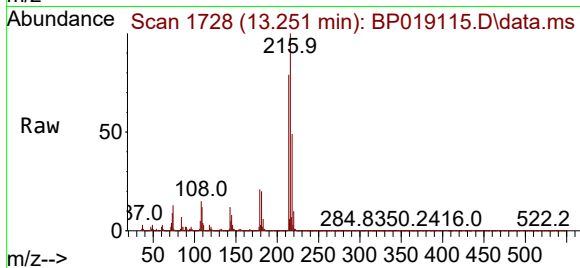
Tgt Ion:216 Resp: 1575313

Ion Ratio Lower Upper

216 100

214 79.2 61.6 92.4

218 48.9 38.9 58.3



#76

Pentachlorobenzene

Concen: 74.737 ng/uL

RT: 14.775 min Scan# 1987

Delta R.T. -0.000 min

Lab File: BP019115.D

Acq: 27 Dec 2023 14:50

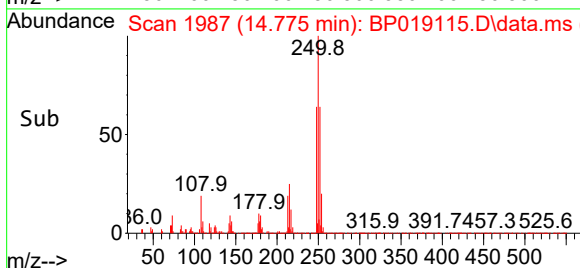
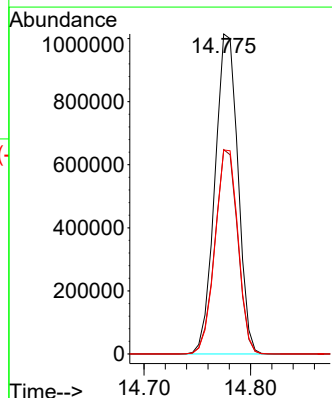
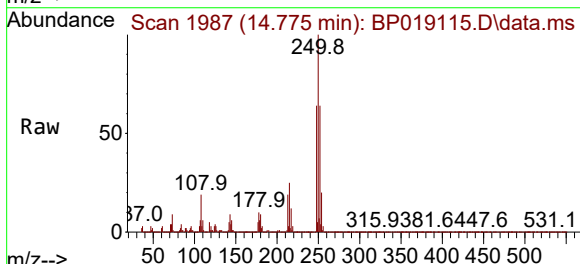
Tgt Ion:250 Resp: 1520507

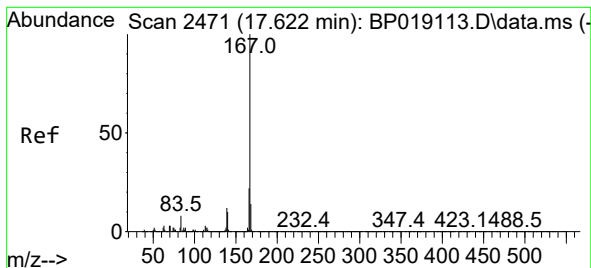
Ion Ratio Lower Upper

250 100

248 63.8 50.4 75.6

252 63.7 52.1 78.1





#77

Carbazole

Concen: 76.642 ng/ul

RT: 17.628 min Scan# 2471

Delta R.T. 0.006 min

Lab File: BP019115.D

Acq: 27 Dec 2023 14:50

Instrument :

BNA_F

ClientSampleId :

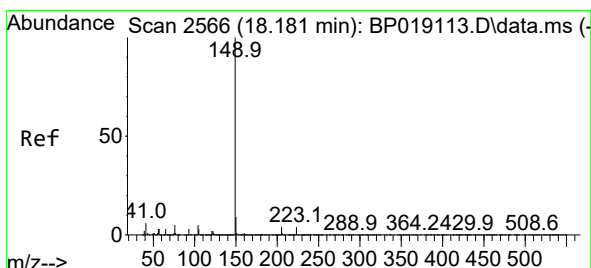
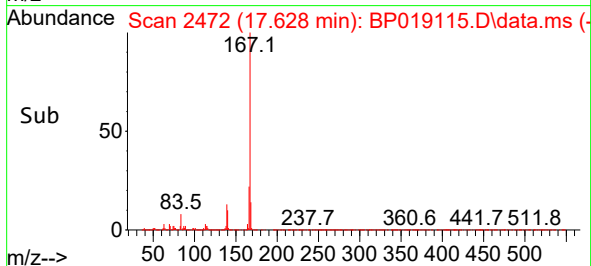
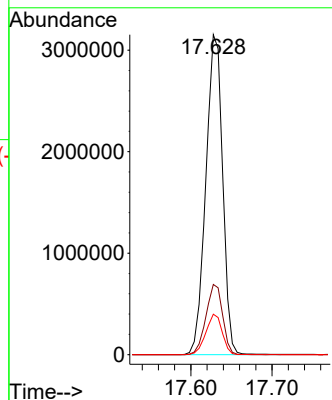
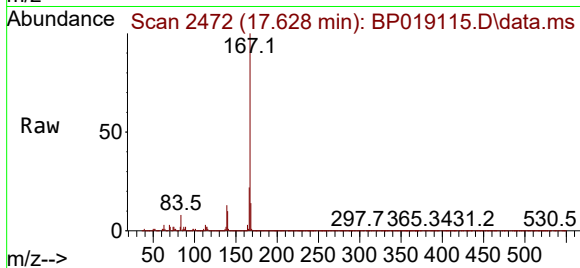
Tgt Ion:167 Resp: 4528982

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.0

139 12.6 9.8 14.6



#78

Di-n-butylphthalate

Concen: 76.693 ng/ul

RT: 18.181 min Scan# 2566

Delta R.T. -0.000 min

Lab File: BP019115.D

Acq: 27 Dec 2023 14:50

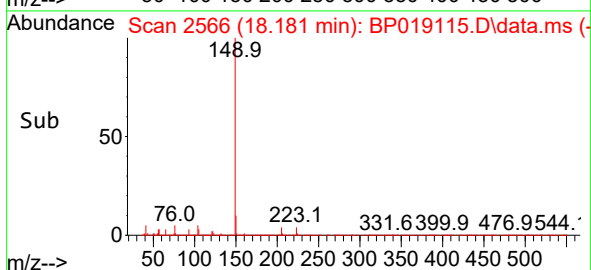
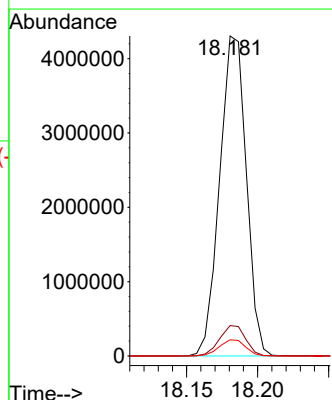
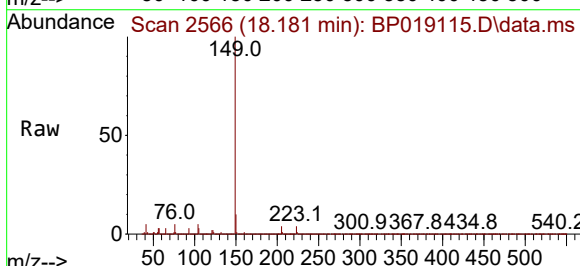
Tgt Ion:149 Resp: 5620634

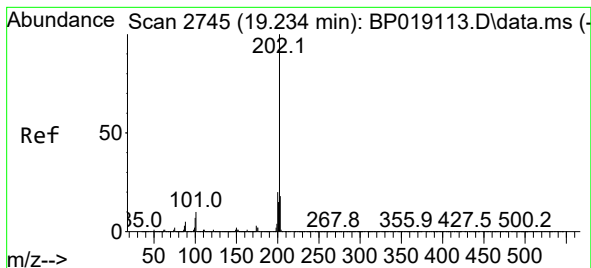
Ion Ratio Lower Upper

149 100

150 9.5 7.3 10.9

104 5.0 3.9 5.9





#80

Fluoranthene

Concen: 77.027 ng/ul

RT: 19.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP019115.D

Acq: 27 Dec 2023 14:50

Instrument :

BNA_F

ClientSampleId :

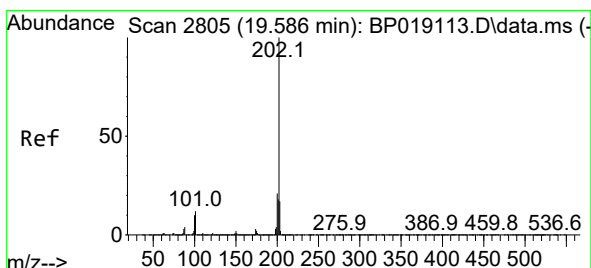
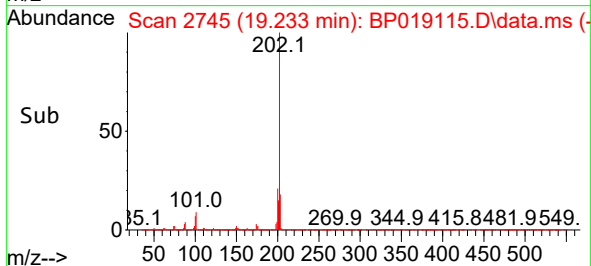
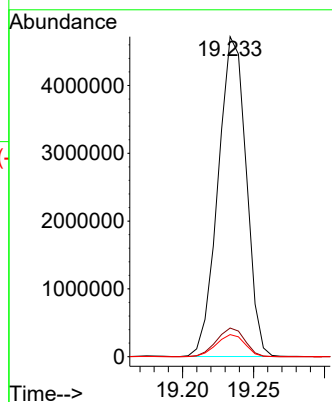
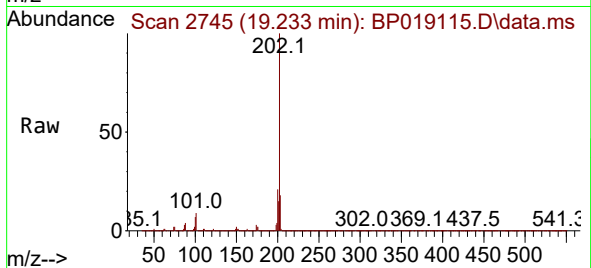
Tgt Ion:202 Resp: 6502854

Ion Ratio Lower Upper

202 100

101 8.9 7.8 11.6

100 6.9 6.0 9.0



#82

Pyrene

Concen: 73.791 ng/ul

RT: 19.592 min Scan# 2806

Delta R.T. 0.006 min

Lab File: BP019115.D

Acq: 27 Dec 2023 14:50

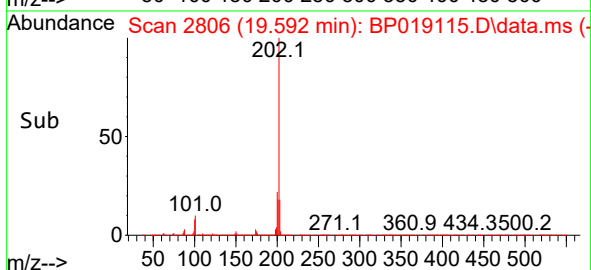
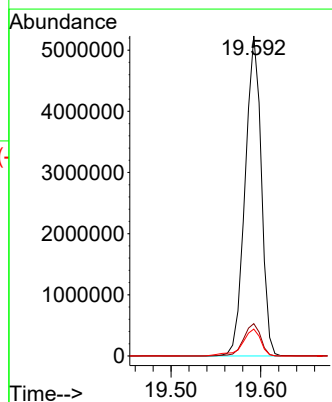
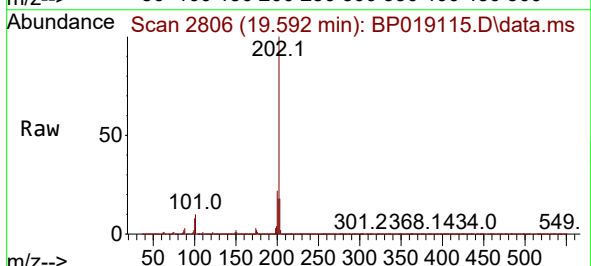
Tgt Ion:202 Resp: 6526851

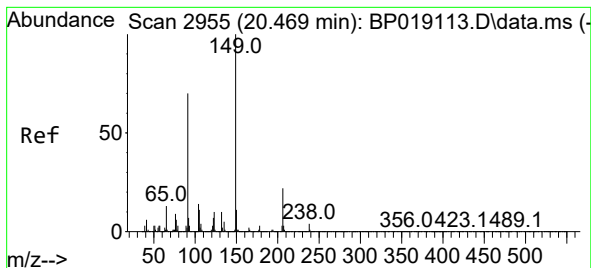
Ion Ratio Lower Upper

202 100

101 10.1 9.2 13.8

100 8.4 7.8 11.6





#83

Butylbenzylphthalate

Concen: 85.505 ng/ul

RT: 20.475 min Scan# 2955

Delta R.T. 0.006 min

Lab File: BP019115.D

Acq: 27 Dec 2023 14:50

Instrument :

BNA_F

ClientSampleId :

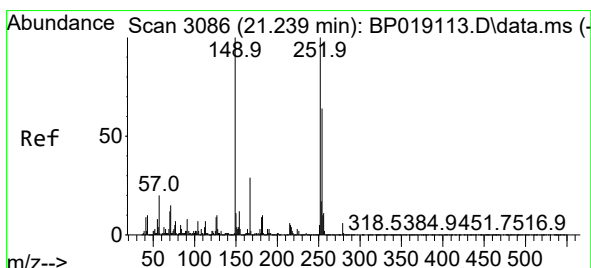
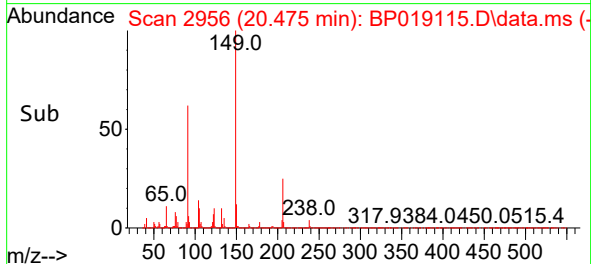
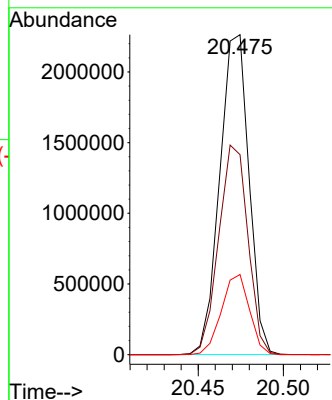
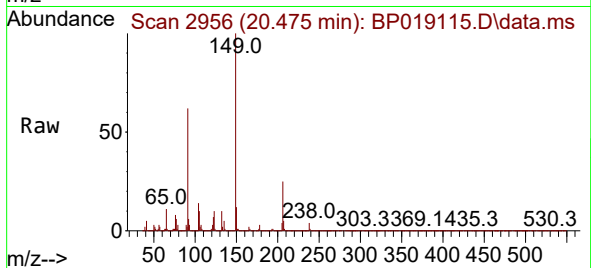
Tgt Ion:149 Resp: 2701550

Ion Ratio Lower Upper

149 100

91 62.5 55.6 83.4

206 25.0 17.9 26.9



#84

3,3'-Dichlorobenzidine

Concen: 79.754 ng/ul

RT: 21.245 min Scan# 3087

Delta R.T. 0.006 min

Lab File: BP019115.D

Acq: 27 Dec 2023 14:50

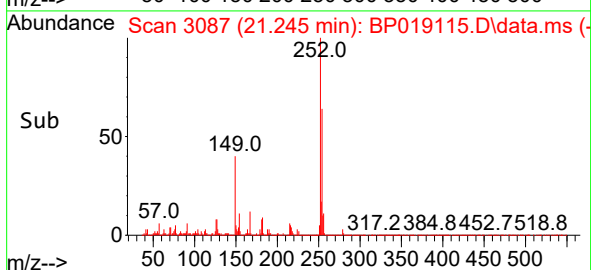
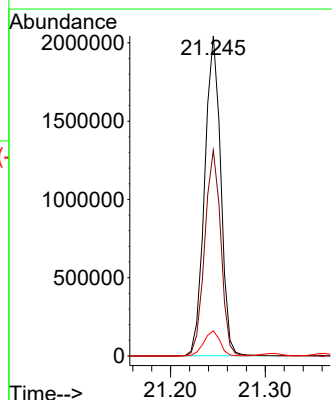
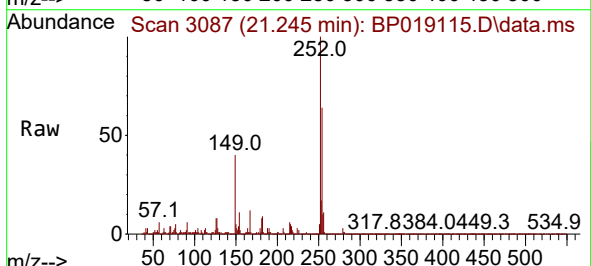
Tgt Ion:252 Resp: 2408436

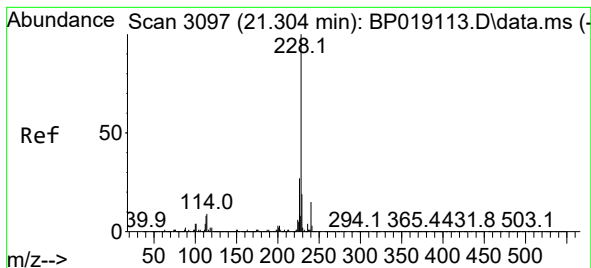
Ion Ratio Lower Upper

252 100

254 64.3 51.5 77.3

126 7.8 7.6 11.4





#85

Benzo(a)anthracene

Concen: 74.455 ng/ul

RT: 21.310 min Scan# 3098

Delta R.T. 0.006 min

Lab File: BP019115.D

Acq: 27 Dec 2023 14:50

Instrument :

BNA_F

ClientSampleId :

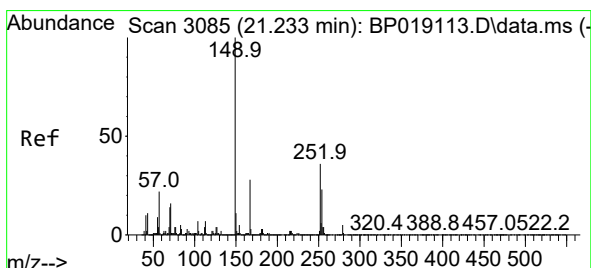
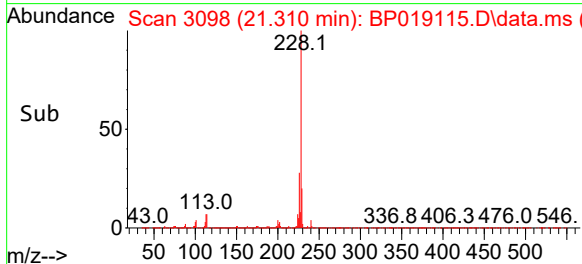
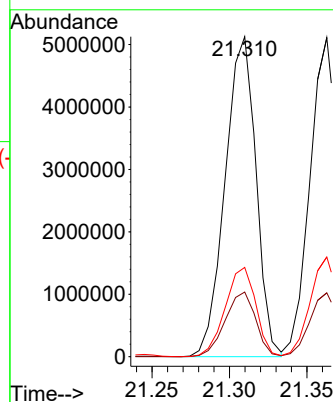
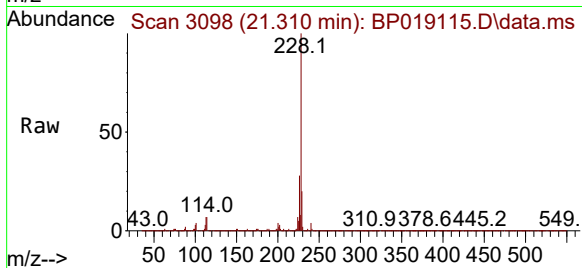
Tgt Ion:228 Resp: 7101445

Ion Ratio Lower Upper

228 100

229 20.2 15.5 23.3

226 27.9 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 81.346 ng/ul

RT: 21.233 min Scan# 3085

Delta R.T. -0.000 min

Lab File: BP019115.D

Acq: 27 Dec 2023 14:50

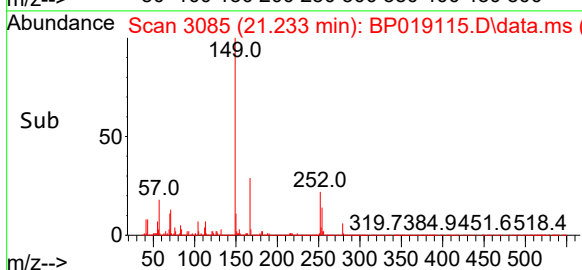
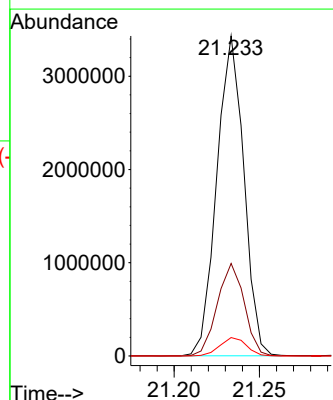
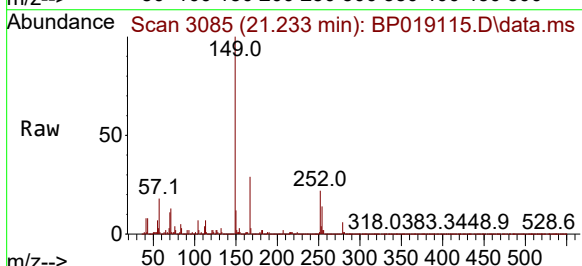
Tgt Ion:149 Resp: 3784535

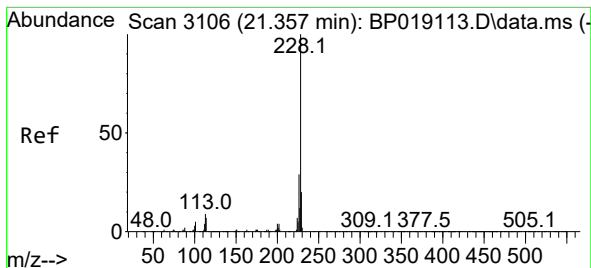
Ion Ratio Lower Upper

149 100

167 28.9 22.5 33.7

279 5.7 4.0 6.0





#87

Chrysene

Concen: 72.712 ng/ul

RT: 21.363 min Scan# 3107

Delta R.T. 0.006 min

Lab File: BP019115.D

Acq: 27 Dec 2023 14:50

Instrument :

BNA_F

ClientSampleId :

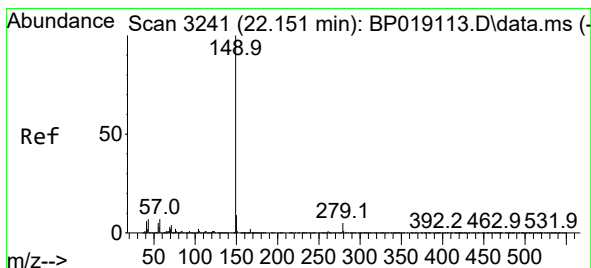
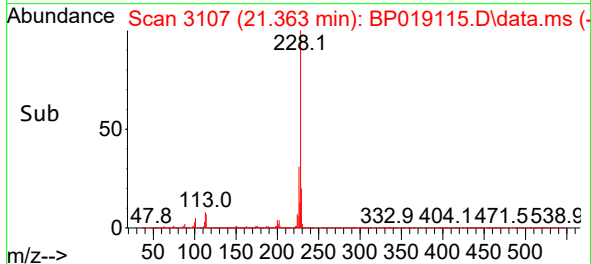
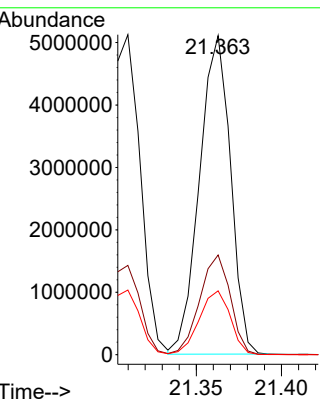
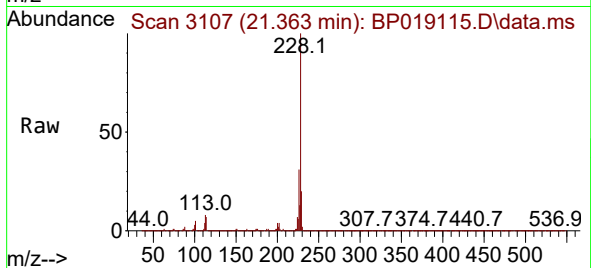
Tgt Ion:228 Resp: 6466886

Ion Ratio Lower Upper

228 100

226 31.2 23.4 35.2

229 20.0 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 84.318 ng/ul

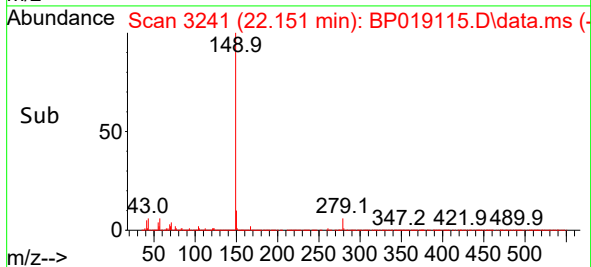
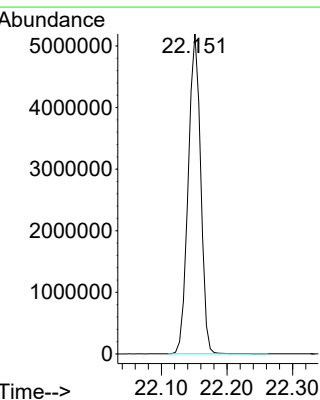
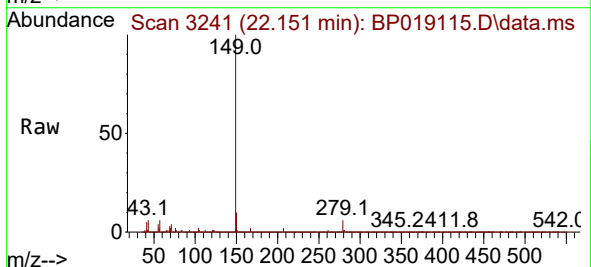
RT: 22.151 min Scan# 3241

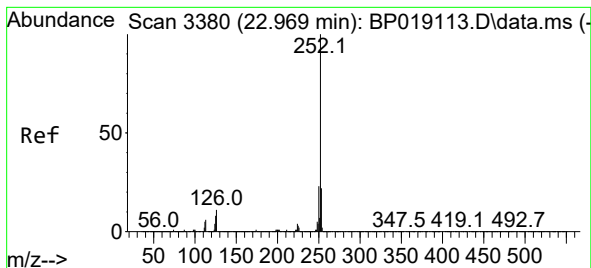
Delta R.T. -0.000 min

Lab File: BP019115.D

Acq: 27 Dec 2023 14:50

Tgt Ion:149 Resp: 6864394





#90

Benzo(b)fluoranthene

Concen: 75.552 ng/ul

RT: 22.974 min Scan# 3381

Delta R.T. 0.006 min

Lab File: BP019115.D

Acq: 27 Dec 2023 14:50

Instrument :

BNA_F

ClientSampleId :

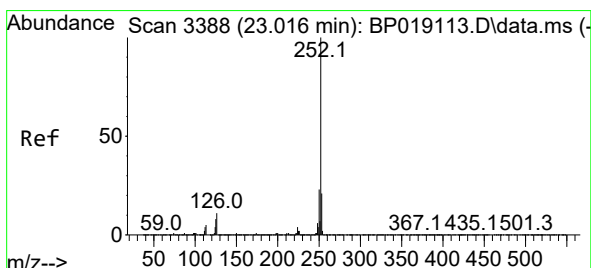
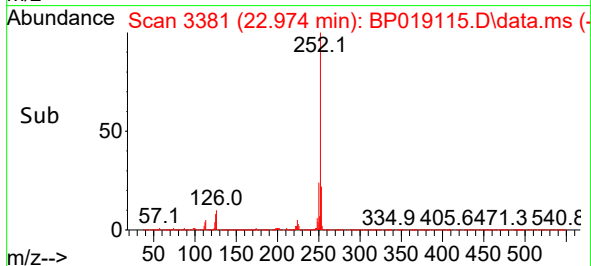
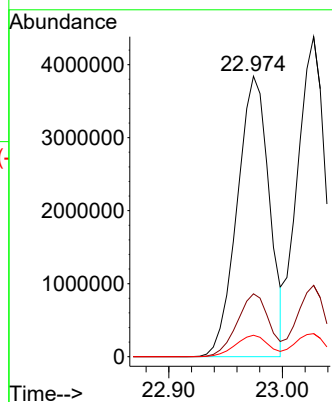
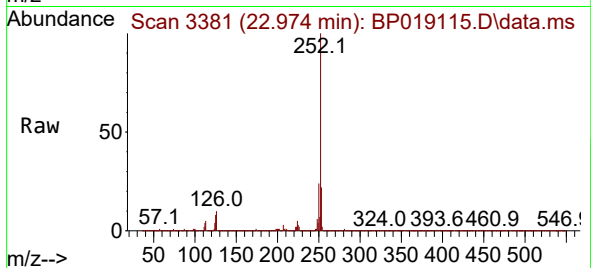
Tgt Ion:252 Resp: 7554973

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 7.6 6.8 10.2



#91

Benzo(k)fluoranthene

Concen: 75.461 ng/ul

RT: 23.027 min Scan# 3390

Delta R.T. 0.012 min

Lab File: BP019115.D

Acq: 27 Dec 2023 14:50

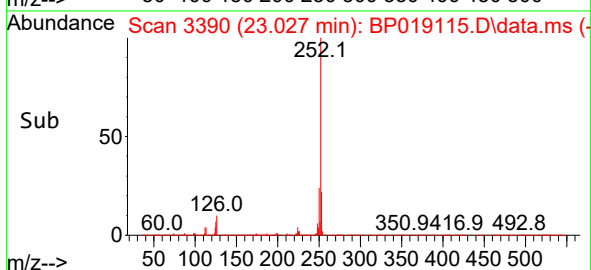
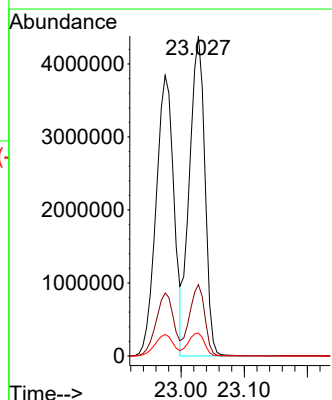
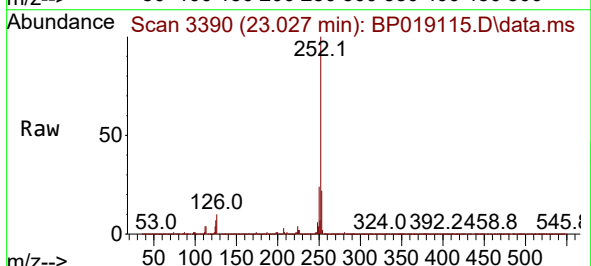
Tgt Ion:252 Resp: 7414830

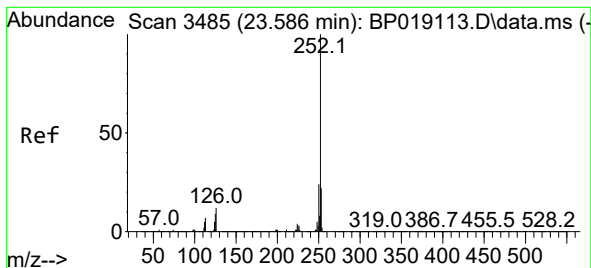
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 7.2 6.7 10.1





#93

Benzo(a)pyrene

Concen: 74.997 ng/ul

RT: 23.598 min Scan# 34

Delta R.T. 0.012 min

Lab File: BP019115.D

Acq: 27 Dec 2023 14:50

Instrument :

BNA_F

ClientSampleId :

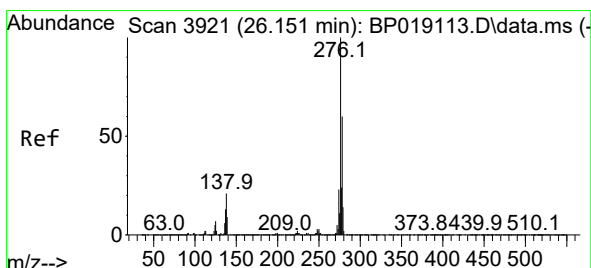
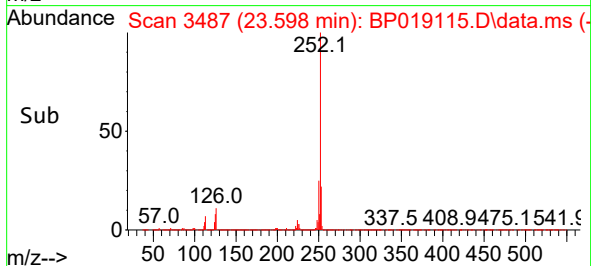
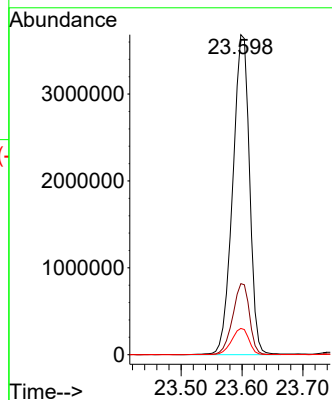
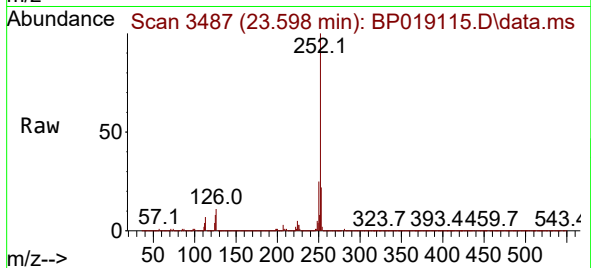
Tgt Ion:252 Resp: 7058666

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 8.2 7.4 11.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 76.701 ng/ul

RT: 26.180 min Scan# 3926

Delta R.T. 0.029 min

Lab File: BP019115.D

Acq: 27 Dec 2023 14:50

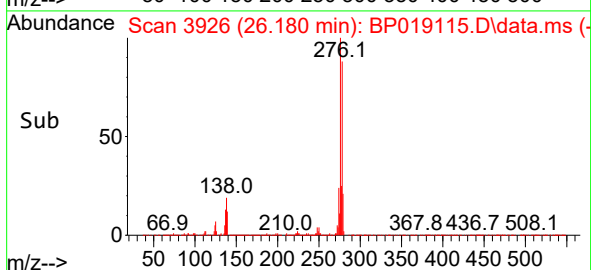
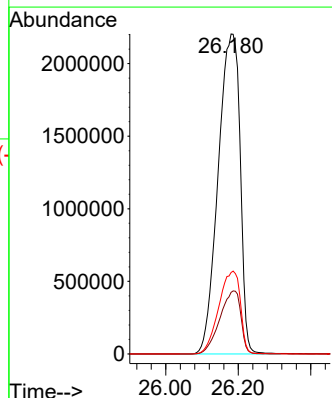
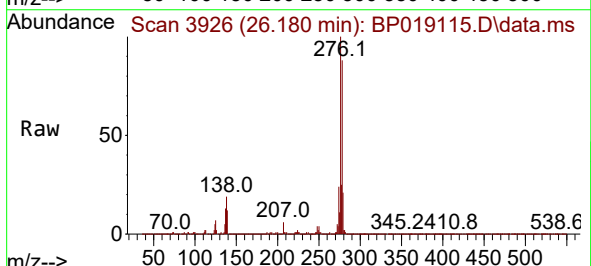
Tgt Ion:276 Resp: 9254170

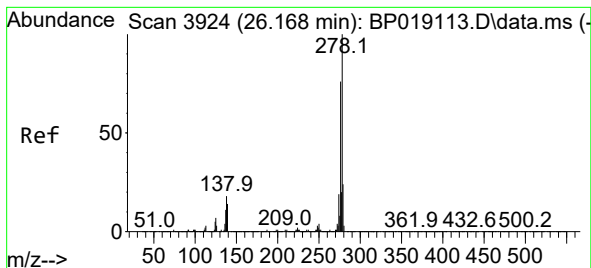
Ion Ratio Lower Upper

276 100

138 19.2 16.6 25.0

277 25.5 19.5 29.3





#95

Dibenzo(a,h)anthracene

Concen: 75.471 ng/ul

RT: 26.198 min Scan# 3924

Delta R.T. 0.029 min

Lab File: BP019115.D

Acq: 27 Dec 2023 14:50

Instrument :

BNA_F

ClientSampleId :

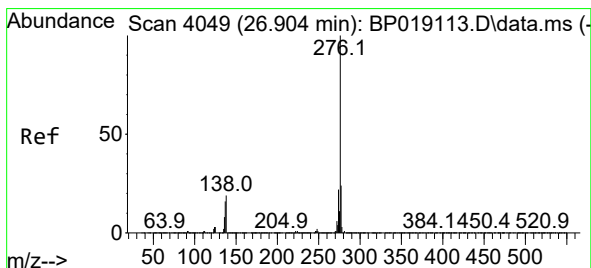
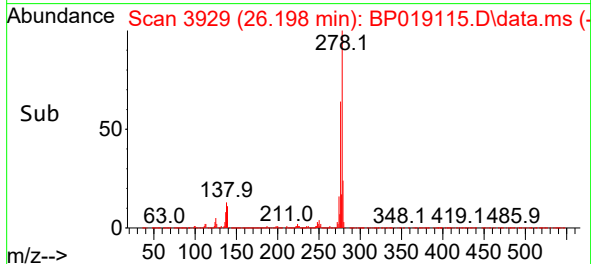
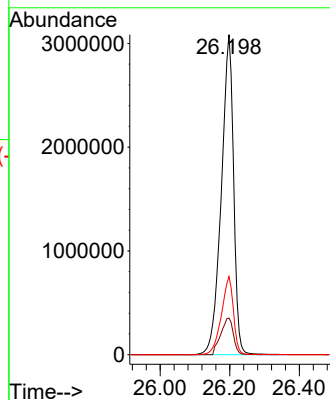
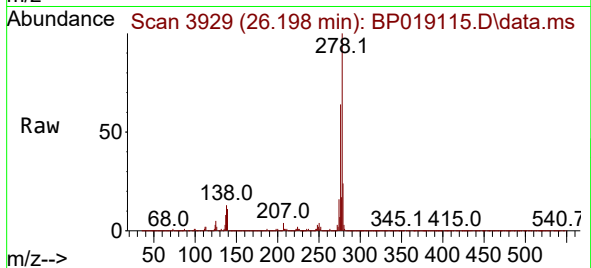
Tgt Ion:278 Resp: 7574972

Ion Ratio Lower Upper

278 100

139 11.5 11.0 16.4

279 24.4 19.2 28.8



#96

Benzo(g,h,i)perylene

Concen: 77.141 ng/ul

RT: 26.939 min Scan# 4055

Delta R.T. 0.035 min

Lab File: BP019115.D

Acq: 27 Dec 2023 14:50

Tgt Ion:276 Resp: 7458538

Ion Ratio Lower Upper

276 100

138 16.2 15.2 22.8

277 23.9 19.4 29.0

