

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121222\
 Data File : BP013077.D
 Acq On : 12 Dec 2022 07:46
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 12 09:06:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 12 01:32:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	559801	20.000	ng/ul	0.00
20) Naphthalene-d8	10.781	136	2452614	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	1623781	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.369	188	3761884	20.000	ng/ul	0.00
79) Chrysene-d12	21.451	240	3627926	20.000	ng/ul	0.00
88) Perylene-d12	23.945	264	3514683	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	96765	7.391	ng/uL	0.00
4) Pyridine-d5	3.775	84	721060	19.387	ng/ul	0.00
7) Phenol-d5	7.122	99	912151	20.005	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	568460	20.667	ng/ul	0.00
11) 2-Chlorophenol-d4	7.493	132	720531	20.074	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	731011	19.566	ng/ul	0.00
21) Nitrobenzene-d5	9.140	128	354708	19.684	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	394199	19.431	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	791337	20.082	ng/ul	0.00
31) 4-Chloroaniline-d4	10.922	131	1100676	19.786	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	2393426	19.179	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	2740481	19.985	ng/ul	0.00
54) 4-Nitrophenol-d4	14.804	143	422837	18.836	ng/ul	0.00
60) Fluorene-d10	15.604	176	2107084	19.958	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	407272	16.823	ng/ul	0.00
73) Anthracene-d10	17.469	188	3384342	19.941	ng/ul	0.00
81) Pyrene-d10	19.698	212	4118062	19.775	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.780	264	3434768	19.606	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.387	88	99945	7.312	ng/uL	96
5) Pyridine	3.799	79	738862	19.989	ng/ul	96
6) Benzaldehyde	7.105	77	354074	19.831	ng/ul	98
8) Phenol	7.152	94	944191	20.480	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.387	93	756366	19.989	ng/ul	97
12) 2-Chlorophenol	7.528	128	741110	20.134	ng/ul	96
13) 2-Methylphenol	8.410	108	712524	19.824	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.499	45	1111849	21.413	ng/ul	98
16) Acetophenone	8.799	105	1197593	20.905	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.781	70	591526	20.534	ng/ul	96
18) 4-Methylphenol	8.740	108	800669	20.112	ng/ul	98
19) Hexachloroethane	9.057	117	288366	19.604	ng/ul	95
22) Nitrobenzene	9.181	77	882824	20.878	ng/ul	97
23) Isophorone	9.710	82	1656560	19.374	ng/ul	98
25) 2-Nitrophenol	9.893	139	437673	19.911	ng/ul	94
26) 2,4-Dimethylphenol	9.952	107	865298	20.175	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.187	93	1058515	19.361	ng/ul	100
29) 2,4-Dichlorophenol	10.428	162	780205	20.213	ng/ul	99
30) Naphthalene	10.834	128	2535538	19.767	ng/ul	99
32) 4-Chloroaniline	10.946	127	1120507	20.355	ng/ul	98
33) Hexachlorobutadiene	11.116	225	517889	19.541	ng/ul	97
34) Caprolactam	11.728	113	153596	11.670	ng/ul	98
35) 4-Chloro-3-methylphenol	12.063	107	797723	20.251	ng/ul	100
36) 2-Methylnaphthalene	12.440	142	1738169	19.753	ng/ul	100

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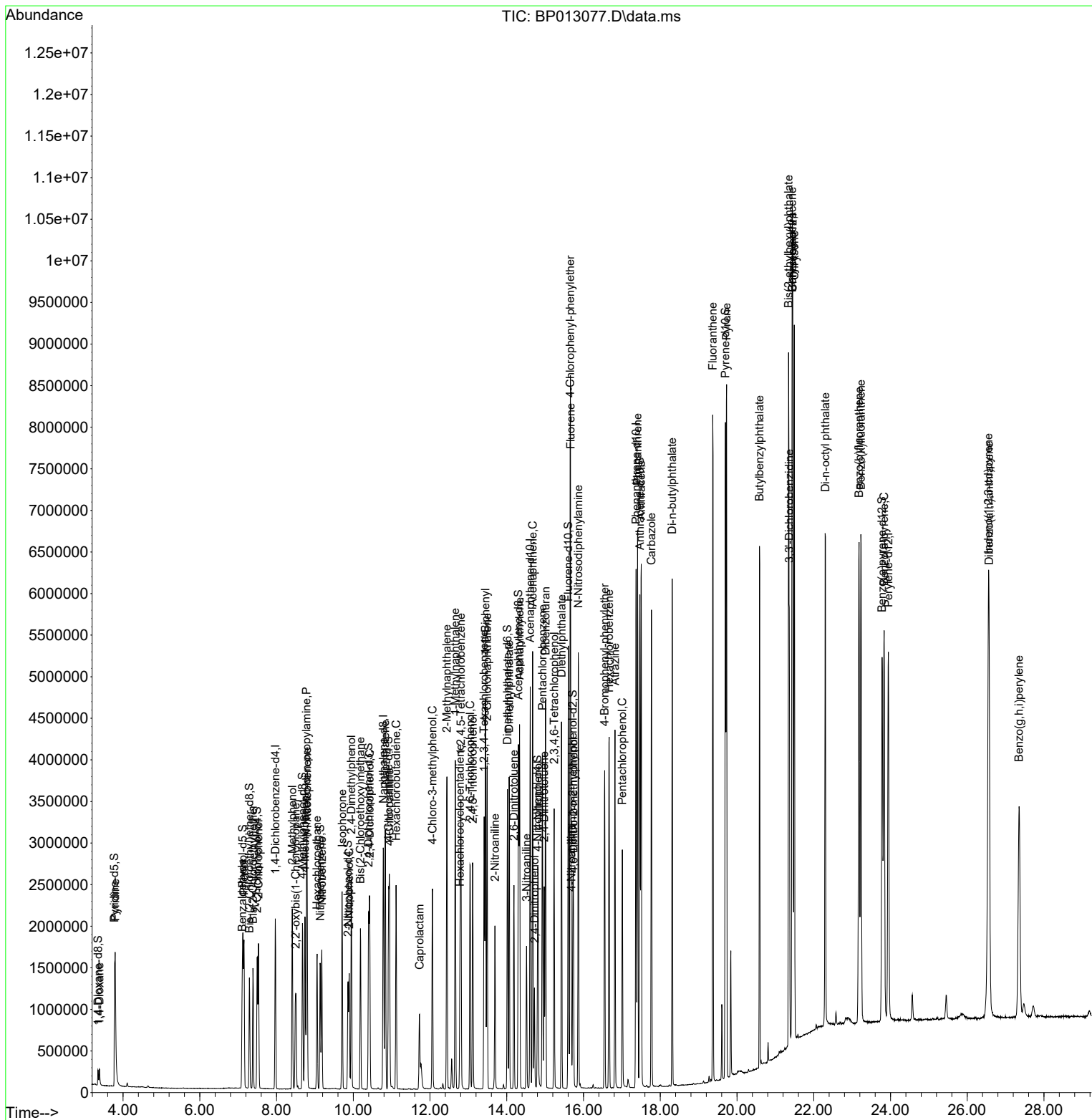
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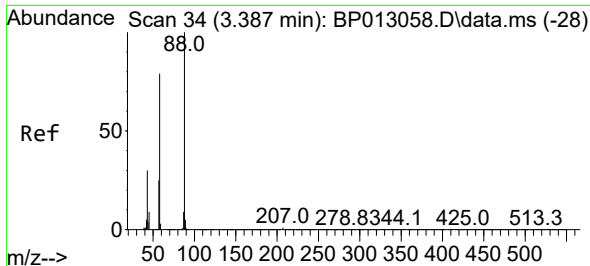
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.657	142	1783864	19.712	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.804	216	1039334	19.878	ng/ul	98
40) Hexachlorocyclopentadiene	12.781	237	427987	12.579	ng/ul	100
41) 2,4,6-Trichlorophenol	13.046	196	664763	19.783	ng/ul	99
42) 2,4,5-Trichlorophenol	13.116	196	730669	20.243	ng/ul	99
43) 1,1'-Biphenyl	13.445	154	2403805	19.711	ng/ul	100
44) 2-Chloronaphthalene	13.487	162	1919054	19.994	ng/ul	100
45) 2-Nitroaniline	13.693	65	502934	21.612	ng/ul	96
47) Dimethylphthalate	14.063	163	2390018	19.323	ng/ul	99
48) 2,6-Dinitrotoluene	14.187	165	459107	19.973	ng/ul	98
50) Acenaphthylene	14.334	152	2949172	20.005	ng/ul	100
51) 3-Nitroaniline	14.516	138	386761	17.819	ng/ul	97
52) Acenaphthene	14.675	153	2037495	19.944	ng/ul	100
53) 2,4-Dinitrophenol	14.722	184	232508	14.798	ng/ul	97
55) 4-Nitrophenol	14.816	109	315632	20.607	ng/ul	93
56) Dibenzofuran	15.010	168	2934239	20.201	ng/ul	99
57) 2,4-Dinitrotoluene	14.975	165	681497	20.410	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.234	232	652369	19.805	ng/ul	99
59) Diethylphthalate	15.428	149	2329056	19.370	ng/ul	99
61) Fluorene	15.663	166	2402060	20.620	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.651	204	1252938	20.339	ng/ul	100
63) 4-Nitroaniline	15.681	138	369706	19.357	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.739	198	409834	17.324	ng/ul	100
67) N-Nitrosodiphenylamine	15.863	169	2029594	19.460	ng/ul	99
68) 4-Bromophenyl-phenylether	16.551	248	781568	19.131	ng/ul	99
69) Hexachlorobenzene	16.669	284	926649	19.103	ng/ul	98
70) Atrazine	16.822	200	764844	18.819	ng/ul	99
71) Pentachlorophenol	17.010	266	512534	17.447	ng/ul	100
72) Phenanthrene	17.410	178	3942727	20.122	ng/ul	99
74) Anthracene	17.504	178	3963422	20.258	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.410	216	1031961	19.227	ng/ul	99
76) Pentachlorobenzene	14.928	250	1051840	19.222	ng/ul	98
77) Carbazole	17.769	167	3519149	21.358	ng/ul	99
78) Di-n-butylphthalate	18.310	149	3974976	19.814	ng/ul	100
80) Fluoranthene	19.369	202	4708376	19.921	ng/ul	99
82) Pyrene	19.728	202	4971808	20.392	ng/ul	99
83) Butylbenzylphthalate	20.586	149	1785083	18.952	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.363	252	1399059	17.070	ng/ul	99
85) Benzo(a)anthracene	21.439	228	4824649	20.033	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.345	149	2586381	19.466	ng/ul	100
87) Chrysene	21.492	228	4573523	20.081	ng/ul	100
89) Di-n-octyl phthalate	22.304	149	4229552	21.480	ng/ul	100
90) Benzo(b)fluoranthene	23.180	252	4538855	20.252	ng/ul	100
91) Benzo(k)fluoranthene	23.227	252	4474654	20.134	ng/ul	100
93) Benzo(a)pyrene	23.833	252	3885879	19.912	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.551	276	4750759	19.544	ng/ul	99
95) Dibenzo(a,h)anthracene	26.568	278	3962498	19.688	ng/ul	99
96) Benzo(g,h,i)perylene	27.351	276	3686772	18.892	ng/ul	99

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

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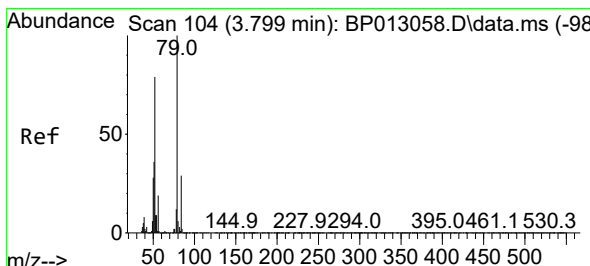
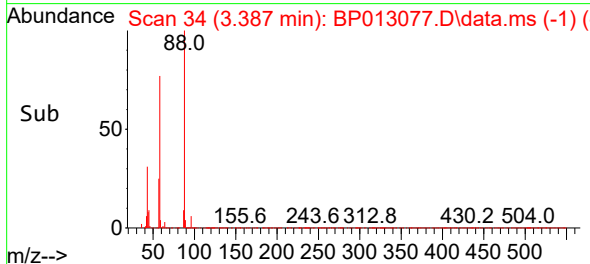
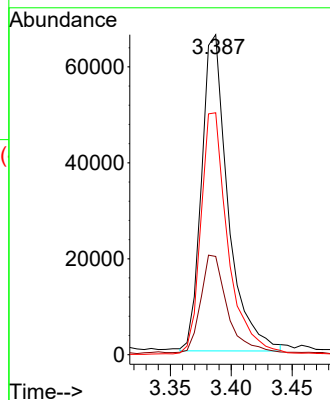
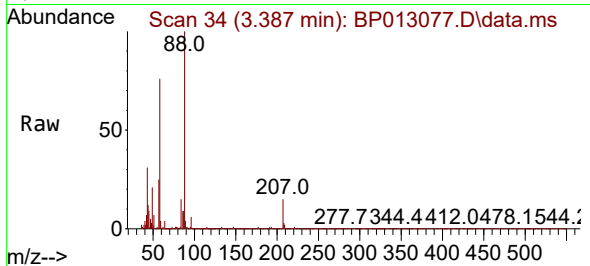




#2
1,4-Dioxane
Concen: 7.312 ng/uL
RT: 3.387 min Scan# 34
Delta R.T. 0.000 min
Lab File: BP013077.D
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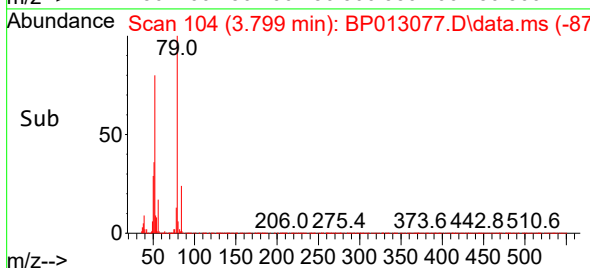
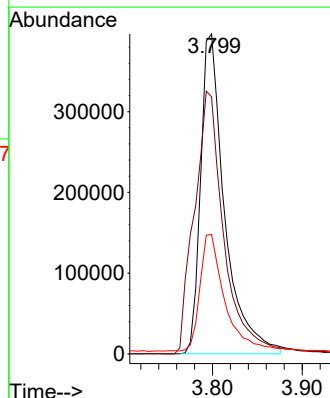
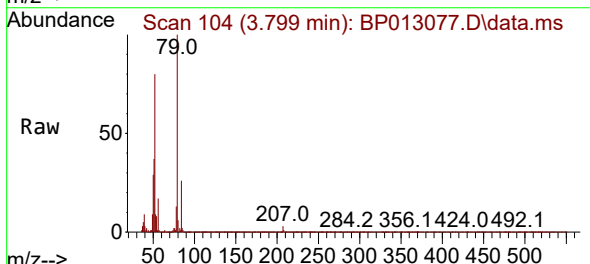
Instrument :
BNA_P
ClientSampleId :

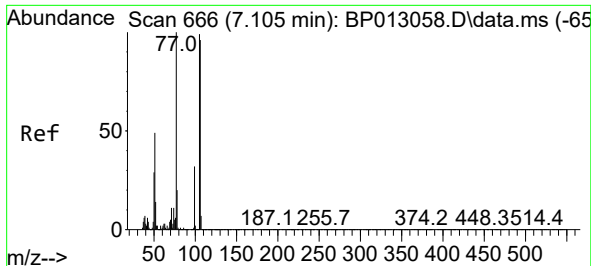
Tgt Ion: 88	Resp: 99945
Ion Ratio	Lower Upper
88 100	
43 30.7	22.4 33.6
58 75.6	58.2 87.4



#5
Pyridine
Concen: 19.989 ng/uL
RT: 3.799 min Scan# 104
Delta R.T. 0.000 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

Tgt Ion: 79	Resp: 738862
Ion Ratio	Lower Upper
79 100	
52 80.4	60.7 91.1
51 37.4	28.9 43.3

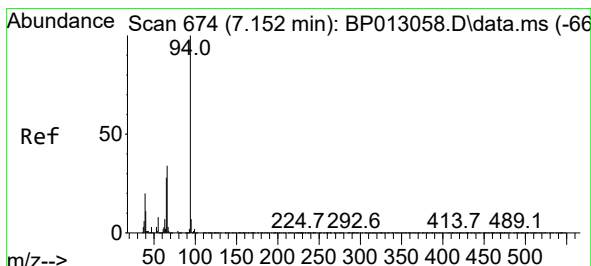
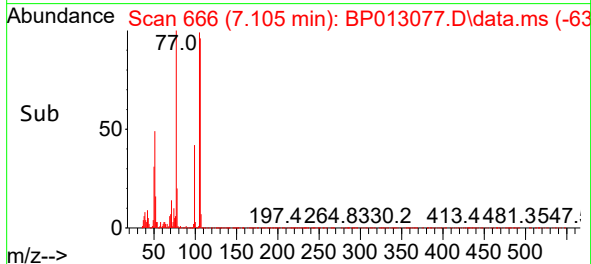
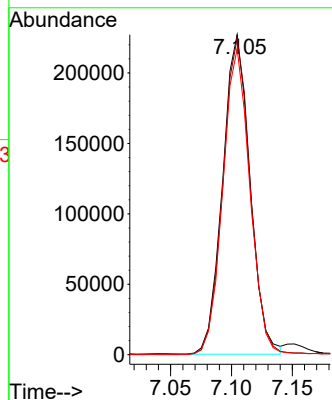
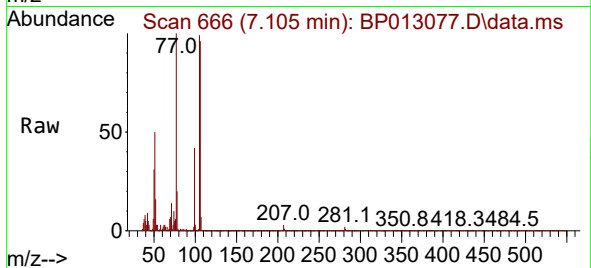




#6
Benzaldehyde
Concen: 19.831 ng/ul
RT: 7.105 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

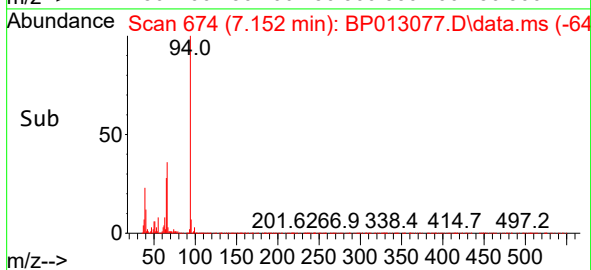
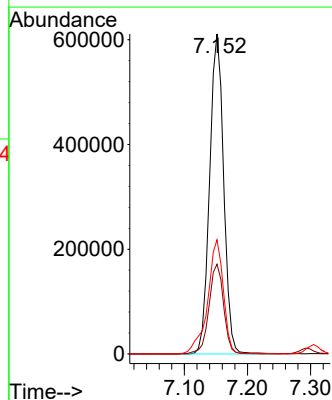
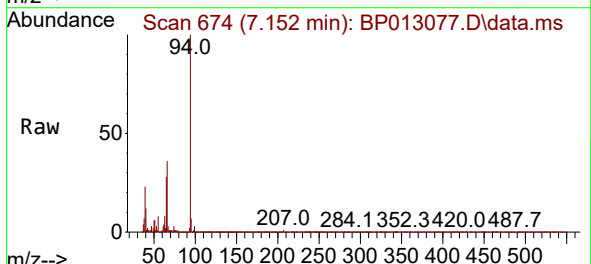
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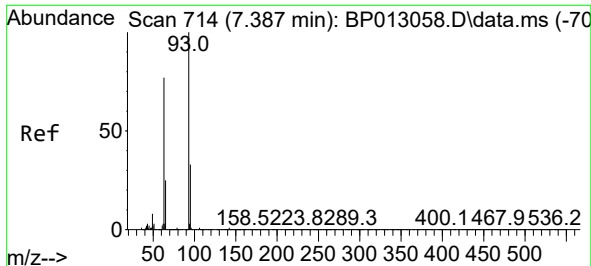
Tgt Ion: 77 Resp: 354074
Ion Ratio Lower Upper
77 100
105 98.8 81.5 122.3
106 95.6 76.9 115.3



#8
Phenol
Concen: 20.480 ng/ul
RT: 7.152 min Scan# 674
Delta R.T. 0.000 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

Tgt Ion: 94 Resp: 944191
Ion Ratio Lower Upper
94 100
65 28.1 21.1 31.7
66 35.7 27.0 40.6

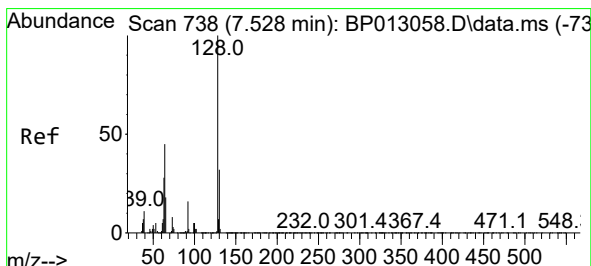
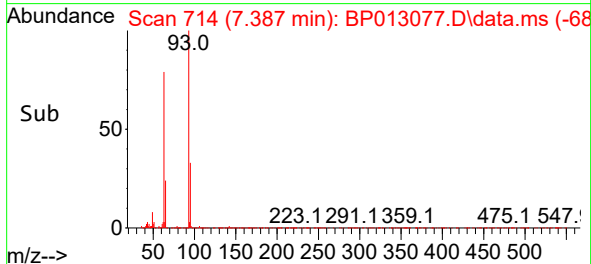
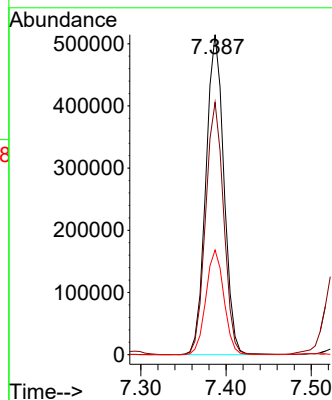
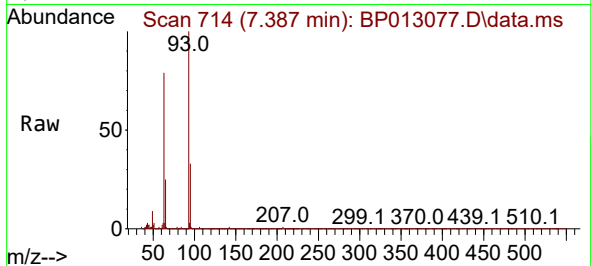




#10
Bis(2-Chloroethyl)ether
Concen: 19.989 ng/ul
RT: 7.387 min Scan# 714
Delta R.T. 0.000 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

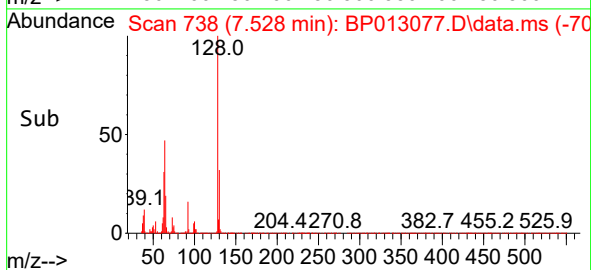
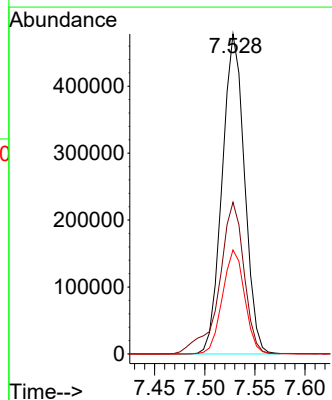
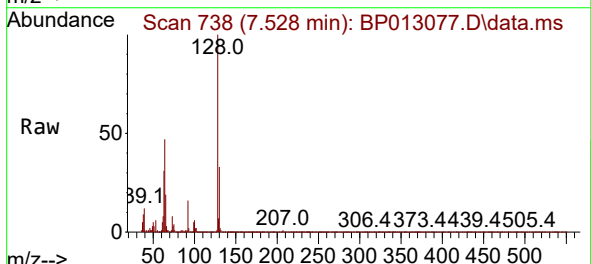
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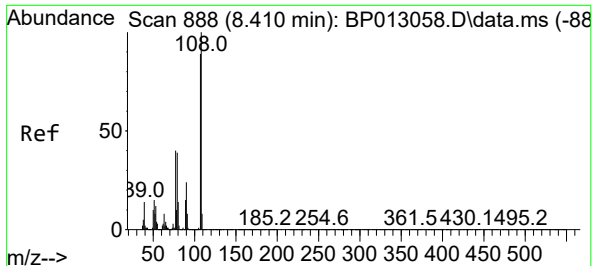
Tgt Ion: 93 Resp: 756366
Ion Ratio Lower Upper
93 100
63 78.9 59.8 89.8
95 32.7 26.4 39.6



#12
2-Chlorophenol
Concen: 20.134 ng/ul
RT: 7.528 min Scan# 738
Delta R.T. -0.006 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

Tgt Ion:128 Resp: 741110
Ion Ratio Lower Upper
128 100
64 47.4 34.9 52.3
130 32.5 25.8 38.6





#13

2-Methylphenol

Concen: 19.824 ng/ul

RT: 8.410 min Scan# 888

Delta R.T. 0.000 min

Lab File: BP013077.D

Acq: 12 Dec 2022 07:46

Instrument :

BNA_P

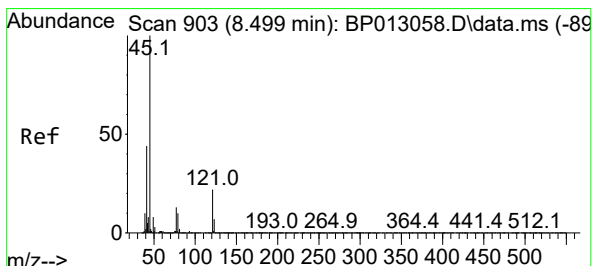
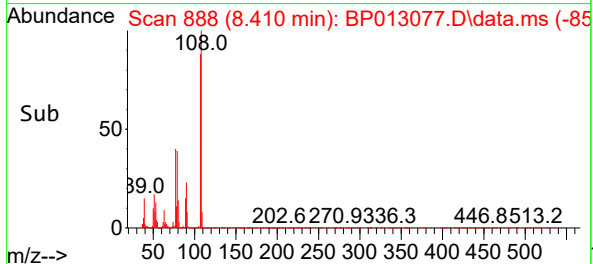
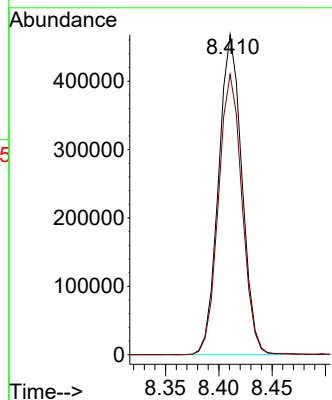
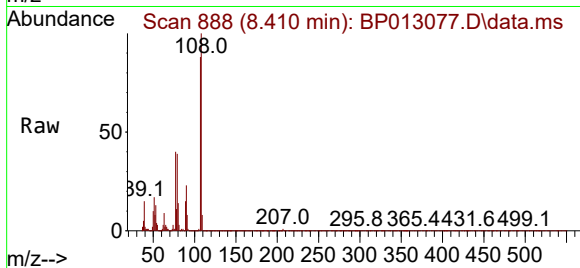
ClientSampleId :

Tgt Ion:108 Resp: 712524

Ion Ratio Lower Upper

108 100

107 87.6 69.1 103.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 21.413 ng/ul

RT: 8.499 min Scan# 903

Delta R.T. -0.006 min

Lab File: BP013077.D

Acq: 12 Dec 2022 07:46

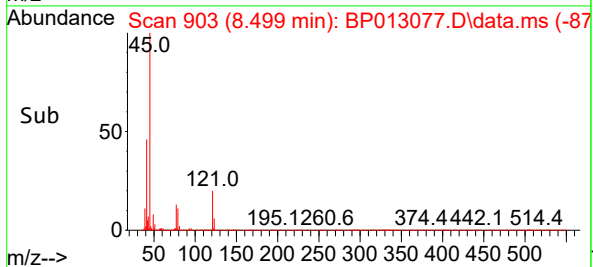
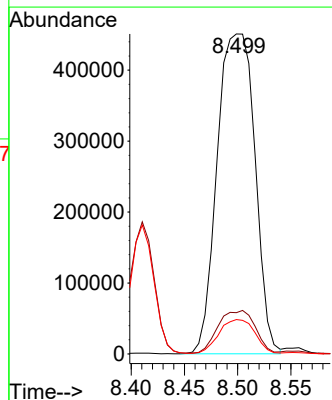
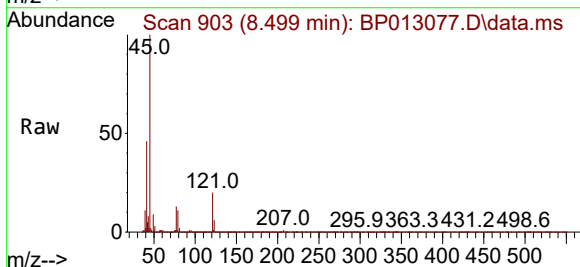
Tgt Ion: 45 Resp: 1111849

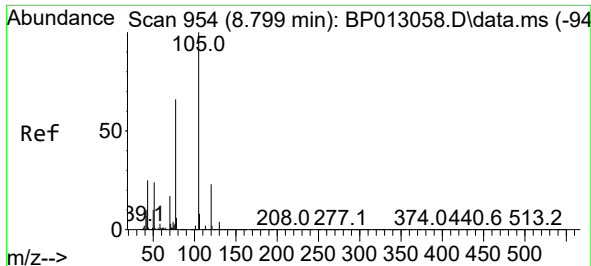
Ion Ratio Lower Upper

45 100

77 12.9 11.0 16.6

79 10.8 9.3 13.9

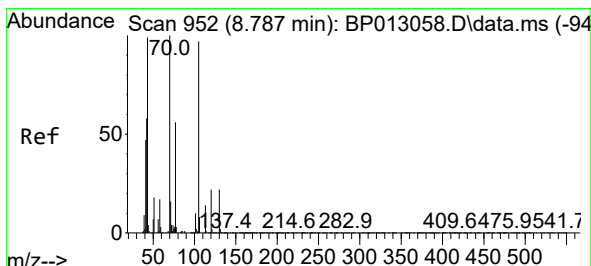
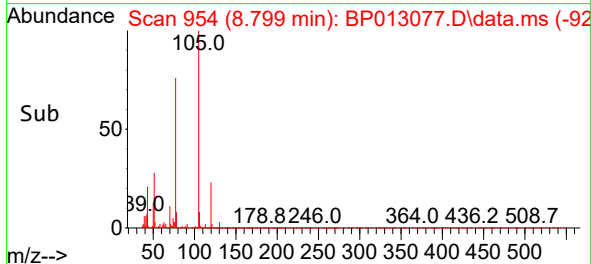
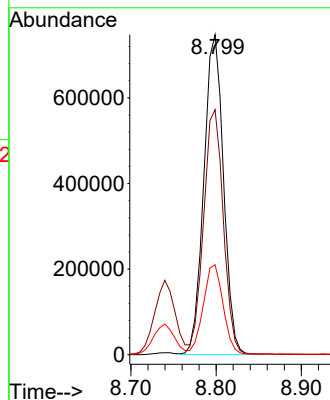
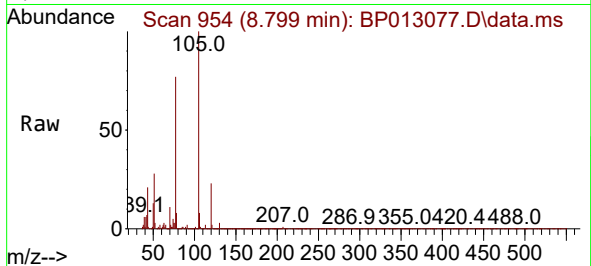




#16
Acetophenone
Concen: 20.905 ng/ul
RT: 8.799 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

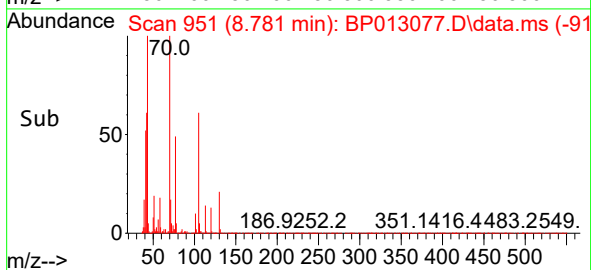
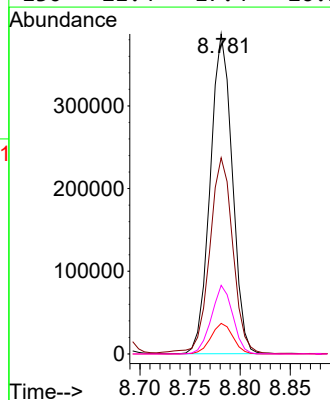
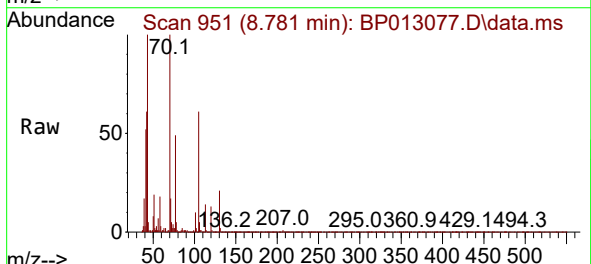
Instrument :
BNA_P
ClientSampleId :

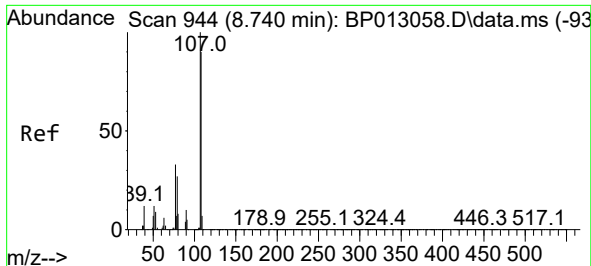
Tgt Ion:105 Resp: 1197593
Ion Ratio Lower Upper
105 100
77 76.5 59.3 88.9
51 28.1 19.6 29.4



#17
N-Nitroso-di-n-propylamine
Concen: 20.534 ng/ul
RT: 8.781 min Scan# 951
Delta R.T. -0.006 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

Tgt Ion: 70 Resp: 591526
Ion Ratio Lower Upper
70 100
42 61.3 45.5 68.3
101 9.5 7.9 11.9
130 21.4 17.4 26.2

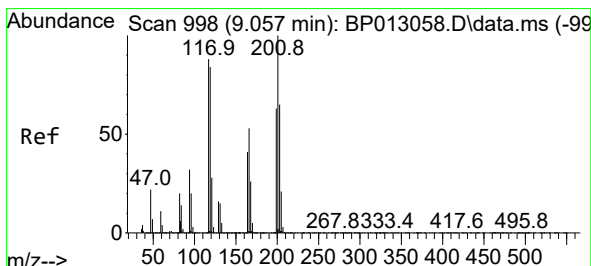
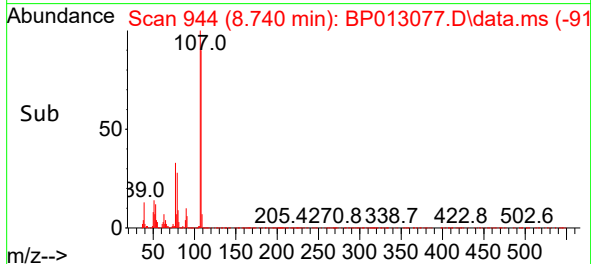
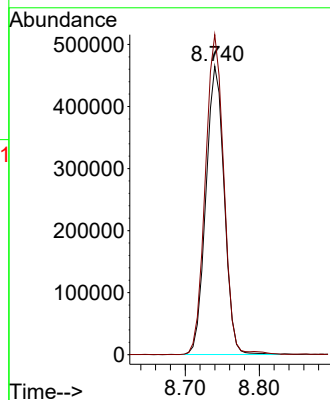
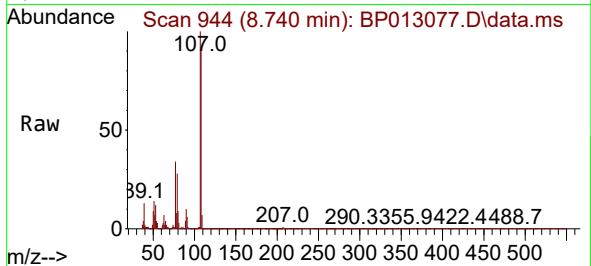




#18
4-Methylphenol
Concen: 20.112 ng/ul
RT: 8.740 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

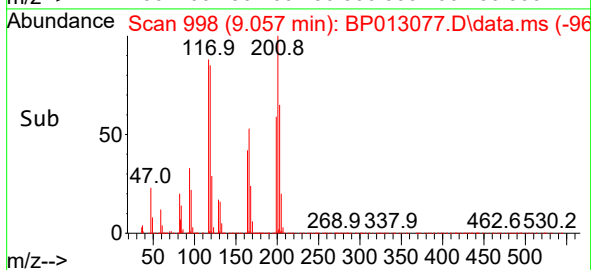
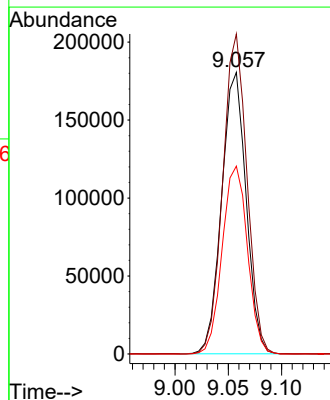
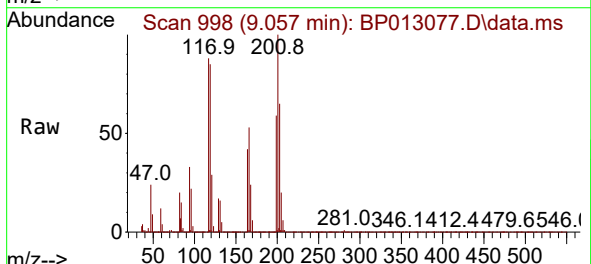
Instrument :
BNA_P
ClientSampleId :

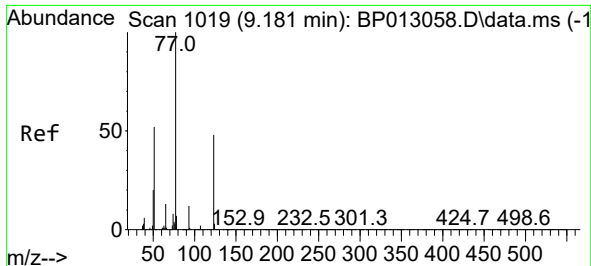
Tgt Ion:108 Resp: 800669
Ion Ratio Lower Upper
108 100
107 110.9 87.4 131.2



#19
Hexachloroethane
Concen: 19.604 ng/ul
RT: 9.057 min Scan# 998
Delta R.T. 0.000 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

Tgt Ion:117 Resp: 288366
Ion Ratio Lower Upper
117 100
201 113.6 93.7 140.5
199 66.7 58.6 88.0

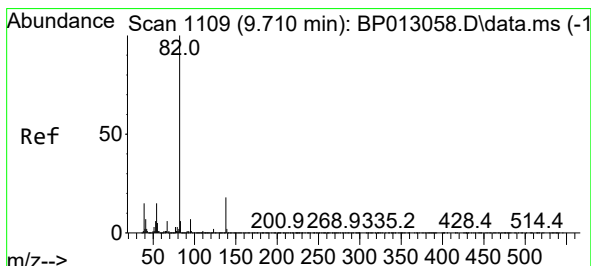
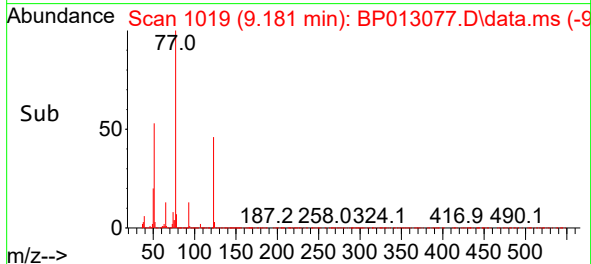
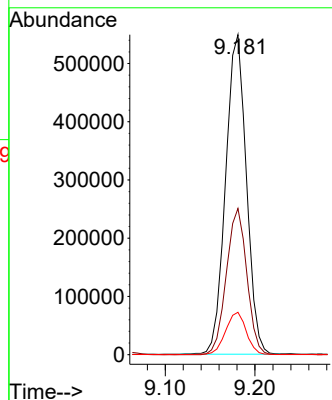
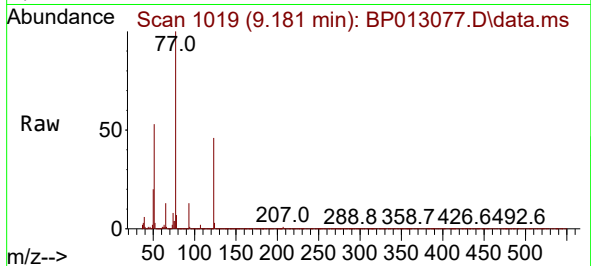




#22
Nitrobenzene
Concen: 20.878 ng/ul
RT: 9.181 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

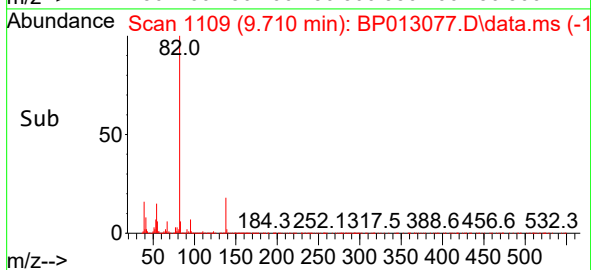
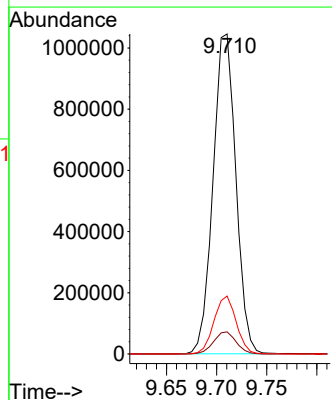
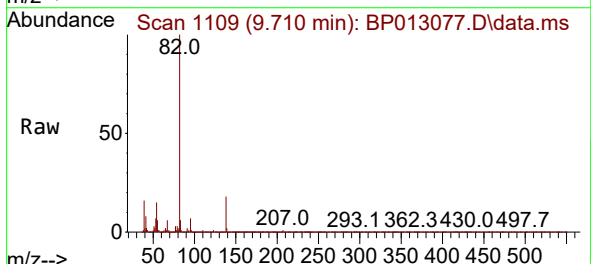
Instrument :
BNA_P
ClientSampleId :

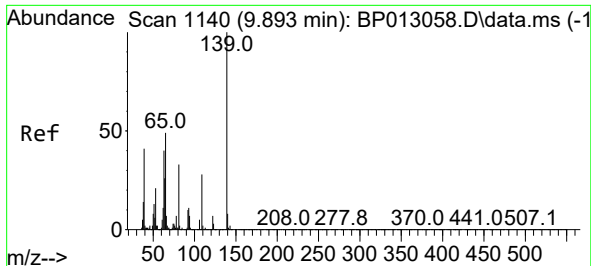
Tgt Ion: 77 Resp: 882824
Ion Ratio Lower Upper
77 100
123 45.7 38.3 57.5
65 13.2 10.3 15.5



#23
Isophorone
Concen: 19.374 ng/ul
RT: 9.710 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

Tgt Ion: 82 Resp: 1656560
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 18.1 15.3 22.9

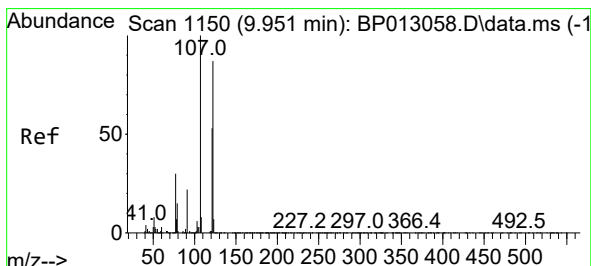
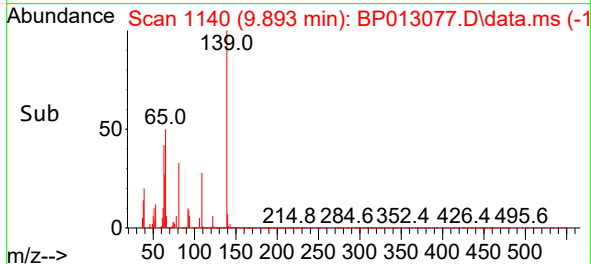
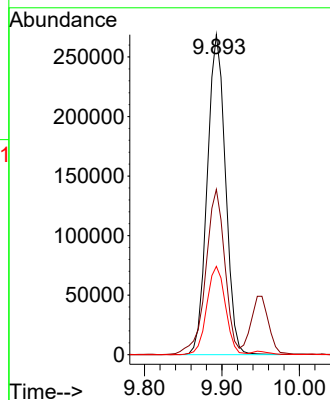
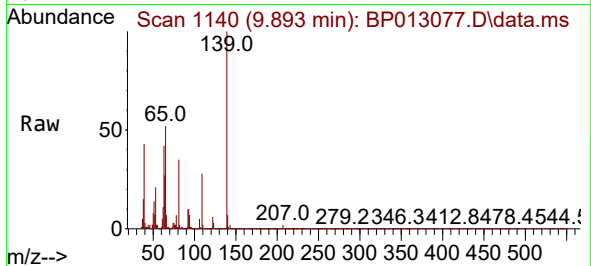




#25
2-Nitrophenol
Concen: 19.911 ng/ul
RT: 9.893 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

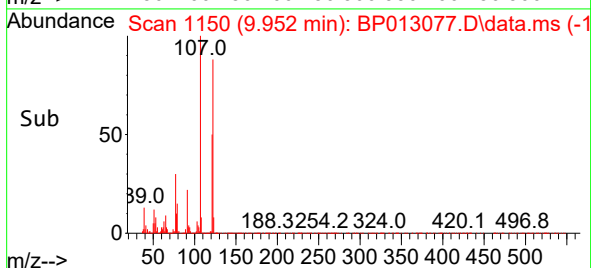
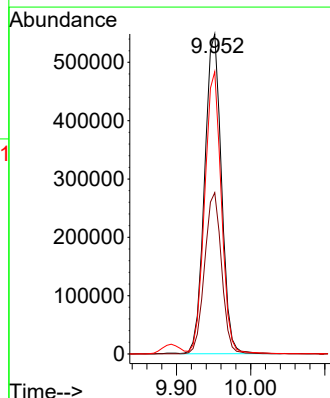
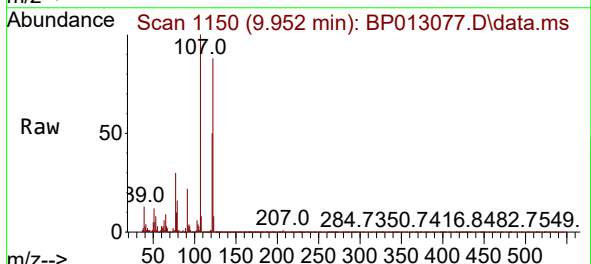
Instrument :
BNA_P
ClientSampleId :

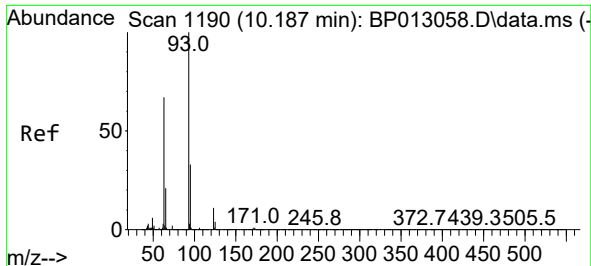
Tgt Ion:139 Resp: 437673
Ion Ratio Lower Upper
139 100
65 51.7 36.6 54.8
109 27.6 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 20.175 ng/ul
RT: 9.952 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

Tgt Ion:107 Resp: 865298
Ion Ratio Lower Upper
107 100
121 50.4 41.8 62.6
122 88.2 72.6 108.8





#27

Bis(2-Chloroethoxy)methane

Concen: 19.361 ng/ul

RT: 10.187 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BP013077.D

Acq: 12 Dec 2022 07:46

Instrument :

BNA_P

ClientSampleId :

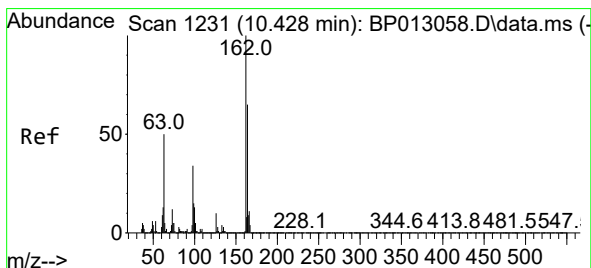
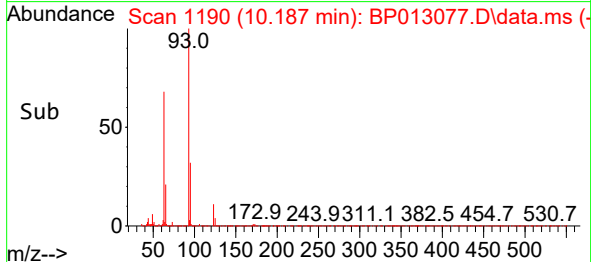
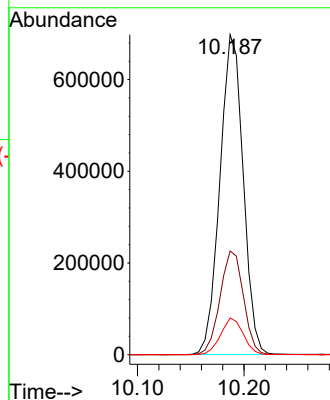
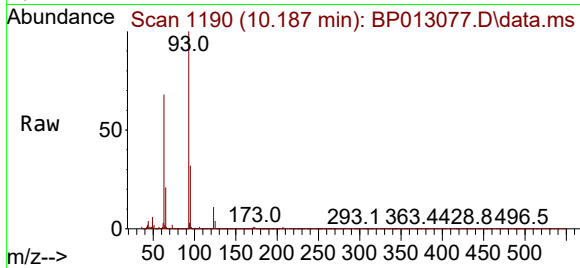
Tgt Ion: 93 Resp: 1058515

Ion Ratio Lower Upper

93 100

95 32.4 26.0 39.0

123 11.5 9.2 13.8



#29

2,4-Dichlorophenol

Concen: 20.213 ng/ul

RT: 10.428 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BP013077.D

Acq: 12 Dec 2022 07:46

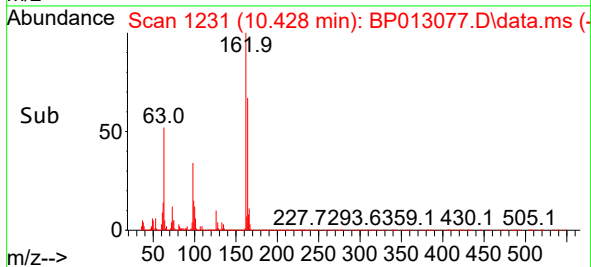
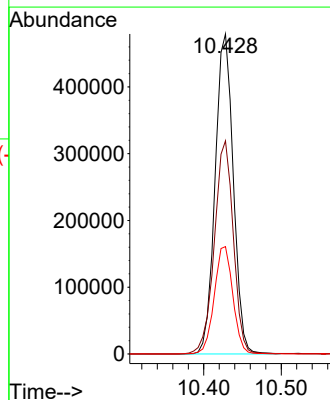
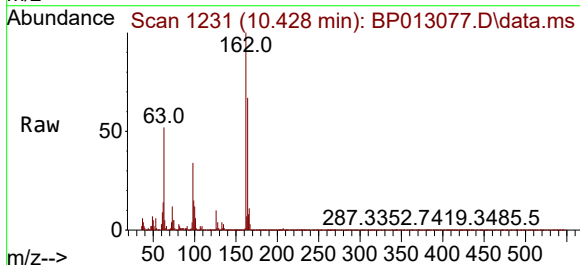
Tgt Ion:162 Resp: 780205

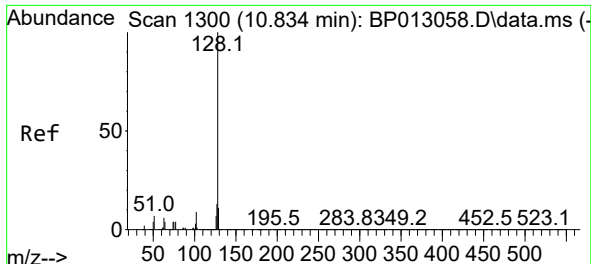
Ion Ratio Lower Upper

162 100

164 66.6 52.5 78.7

98 33.6 26.6 39.8

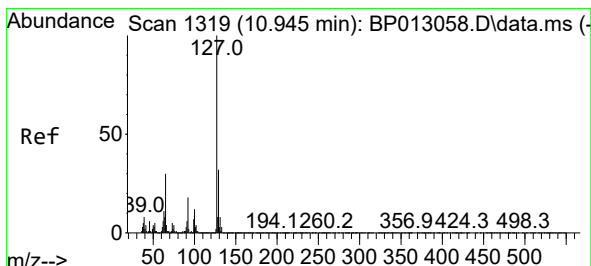
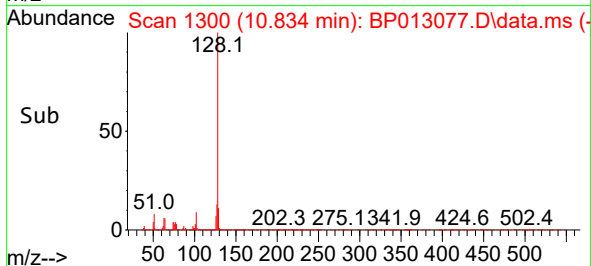
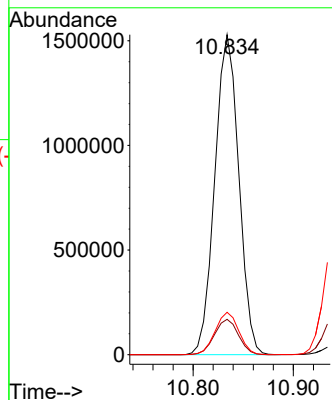
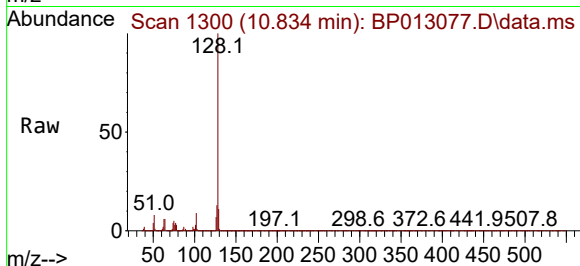




#30
Naphthalene
Concen: 19.767 ng/ul
RT: 10.834 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

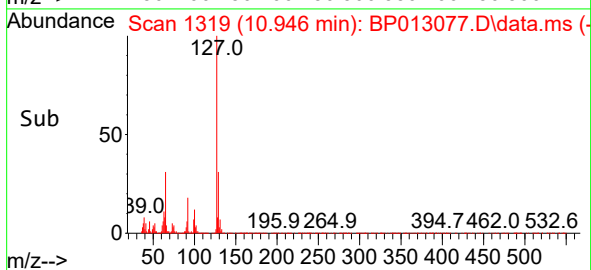
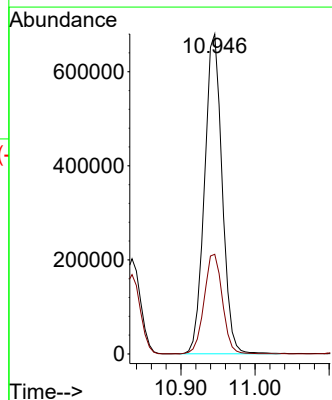
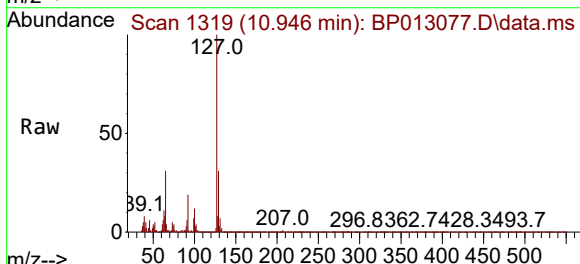
Instrument :
BNA_P
ClientSampleId :

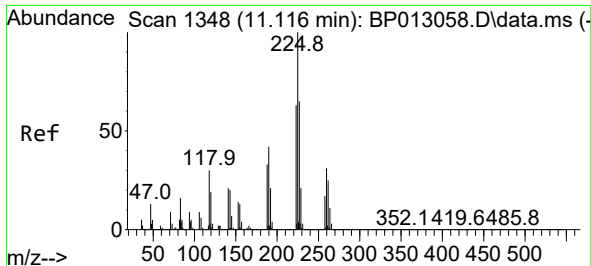
Tgt Ion:128 Resp: 2535538
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.2 10.4 15.6



#32
4-Chloroaniline
Concen: 20.355 ng/ul
RT: 10.946 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

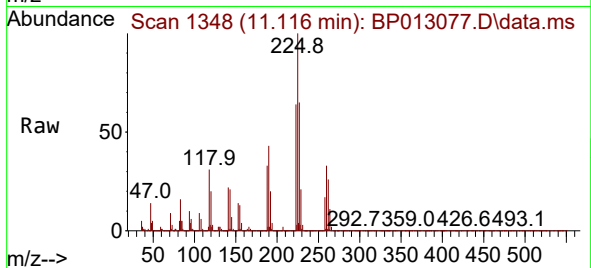
Tgt Ion:127 Resp: 1120507
Ion Ratio Lower Upper
127 100
129 31.2 25.6 38.4



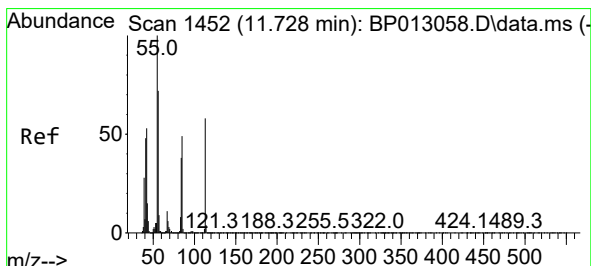
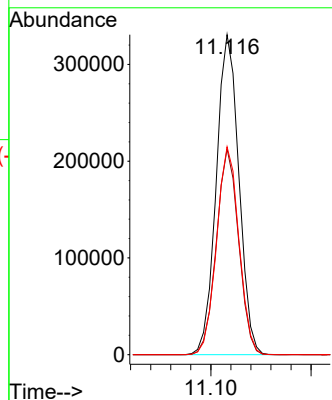
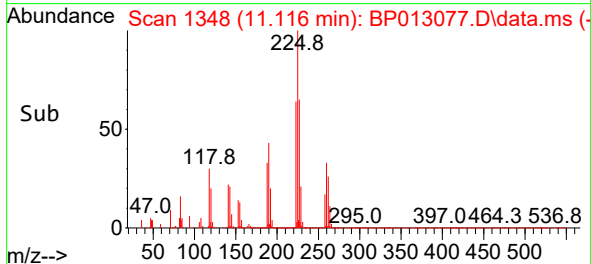


#33
Hexachlorobutadiene
Concen: 19.541 ng/ul
RT: 11.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

Instrument :
BNA_P
ClientSampleId :

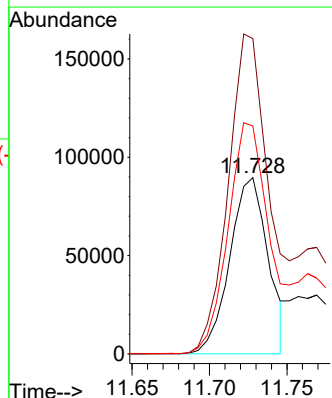
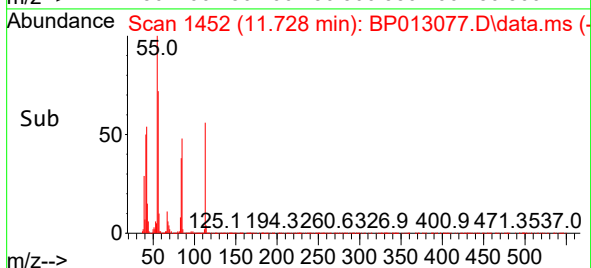
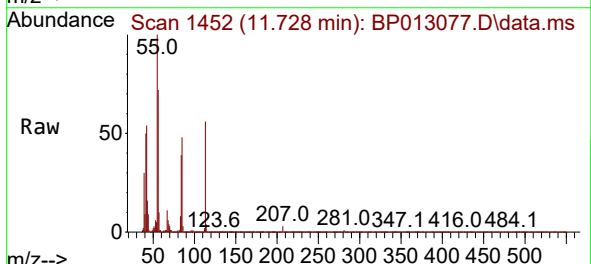


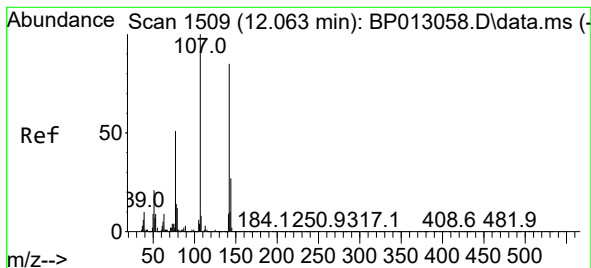
Tgt Ion:225 Resp: 517889
Ion Ratio Lower Upper
225 100
223 64.3 49.2 73.8
227 65.0 50.2 75.2



#34
Caprolactam
Concen: 11.670 ng/ul
RT: 11.728 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

Tgt Ion:113 Resp: 153596
Ion Ratio Lower Upper
113 100
55 178.9 141.9 212.9
56 129.3 99.6 149.4

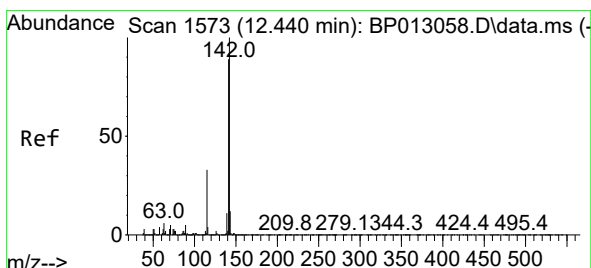
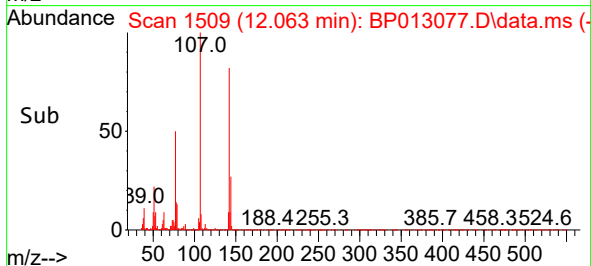
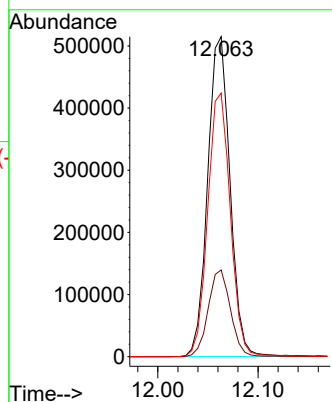
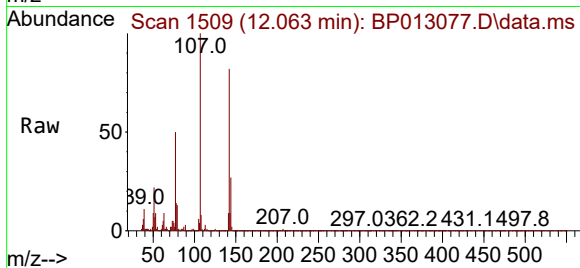




#35
4-Chloro-3-methylphenol
Concen: 20.251 ng/ul
RT: 12.063 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

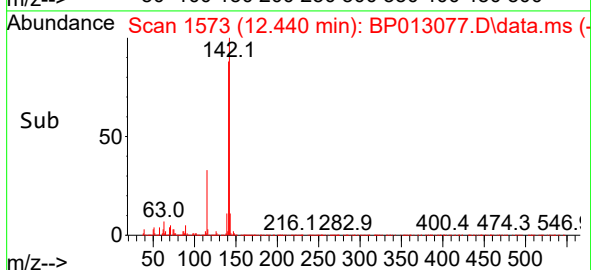
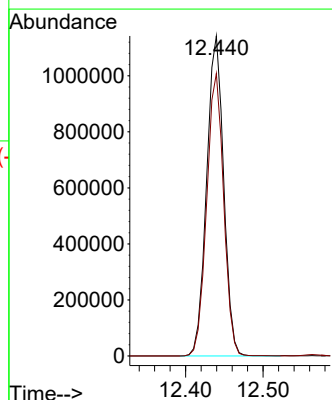
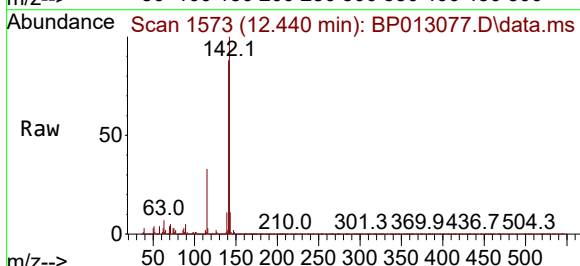
Instrument :
BNA_P
ClientSampleId :

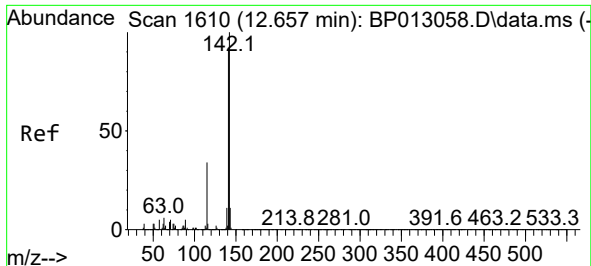
Tgt Ion:107 Resp: 797723
Ion Ratio Lower Upper
107 100
144 27.1 21.4 32.2
142 82.4 65.8 98.6



#36
2-Methylnaphthalene
Concen: 19.753 ng/ul
RT: 12.440 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

Tgt Ion:142 Resp: 1738169
Ion Ratio Lower Upper
142 100
141 88.3 70.8 106.2

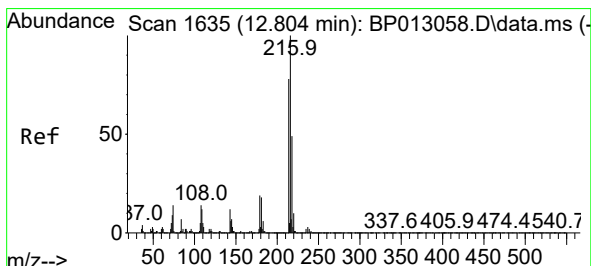
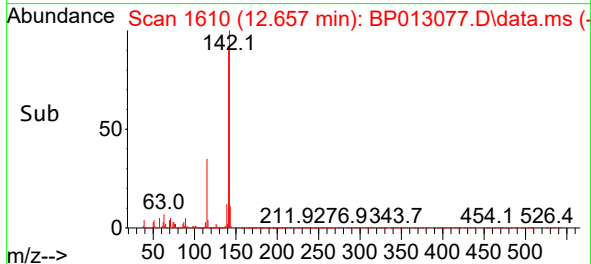
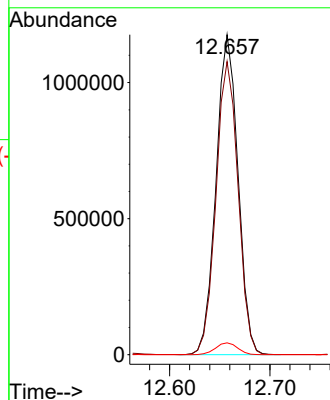
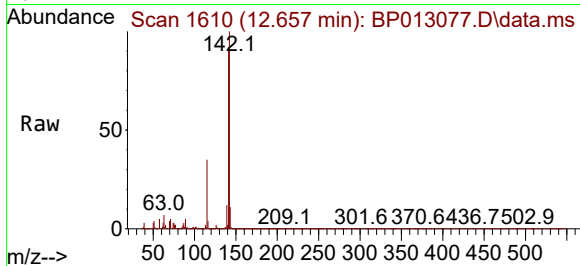




#37
1-Methylnaphthalene
Concen: 19.712 ng/ul
RT: 12.657 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

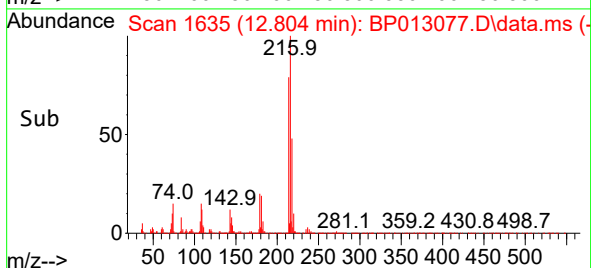
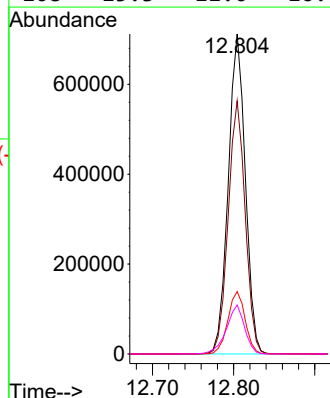
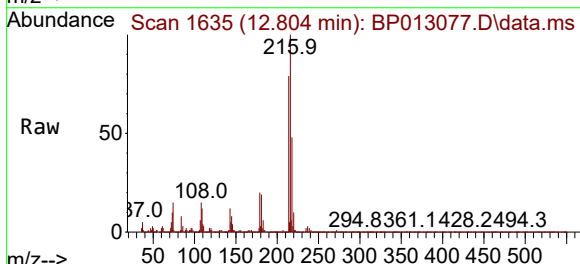
Instrument :
BNA_P
ClientSampleId :

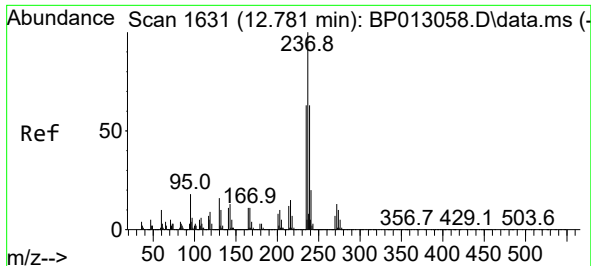
Tgt Ion:142 Resp: 1783864
Ion Ratio Lower Upper
142 100
141 91.6 72.7 109.1
116 3.7 2.7 4.1



#39
1,2,4,5-Tetrachlorobenzene
Concen: 19.878 ng/ul
RT: 12.804 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

Tgt Ion:216 Resp: 1039334
Ion Ratio Lower Upper
216 100
214 79.1 61.9 92.9
179 19.5 15.0 22.6
108 15.3 11.0 16.4

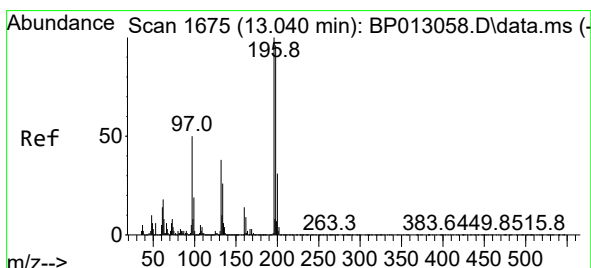
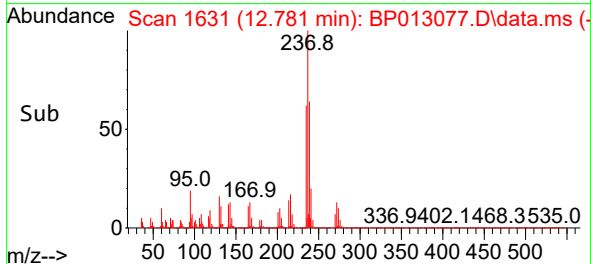
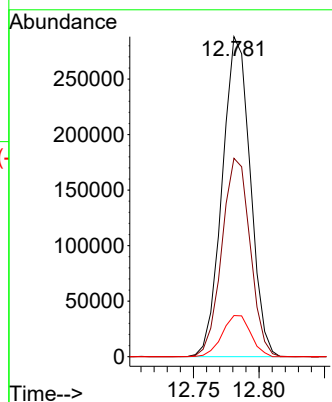
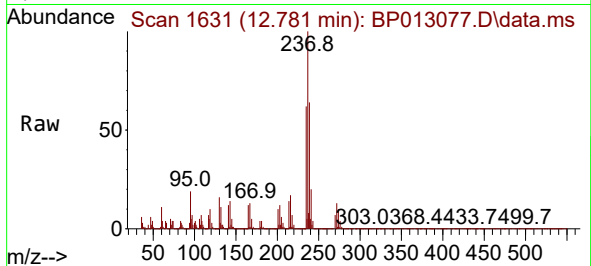




#40
Hexachlorocyclopentadiene
Concen: 12.579 ng/ul
RT: 12.781 min Scan# 1631
Delta R.T. -0.006 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

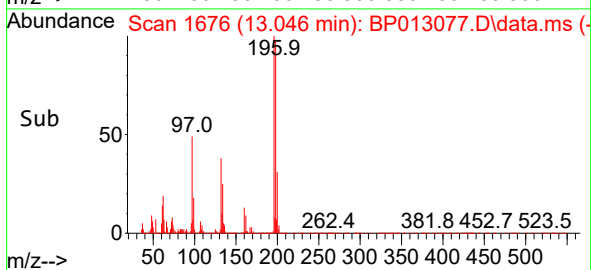
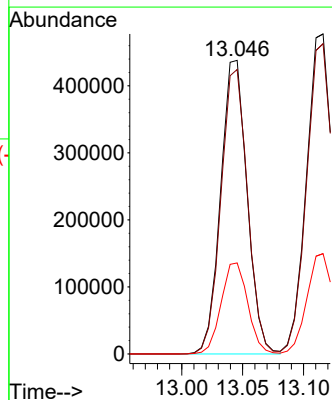
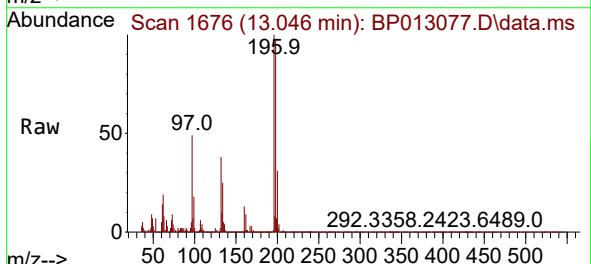
Instrument :
BNA_P
ClientSampleId :

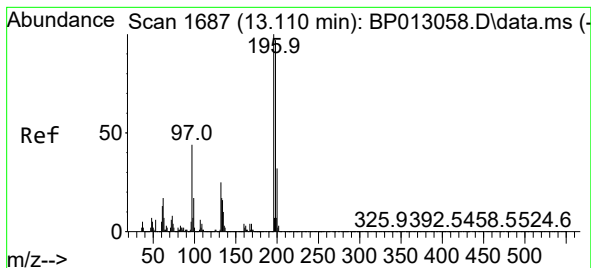
Tgt Ion:237 Resp: 427987
Ion Ratio Lower Upper
237 100
235 62.0 49.7 74.5
272 12.8 10.8 16.2



#41
2,4,6-Trichlorophenol
Concen: 19.783 ng/ul
RT: 13.046 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

Tgt Ion:196 Resp: 664763
Ion Ratio Lower Upper
196 100
198 96.9 77.0 115.6
200 31.0 25.3 37.9





#42

2,4,5-Trichlorophenol

Concen: 20.243 ng/ul

RT: 13.116 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP013077.D

Acq: 12 Dec 2022 07:46

Instrument :

BNA_P

ClientSampleId :

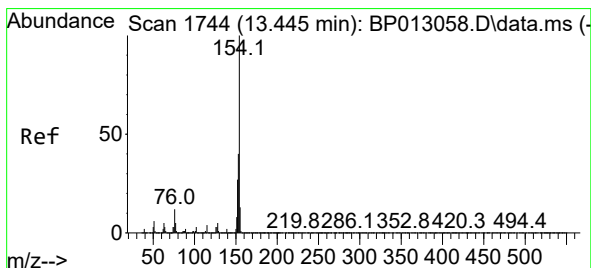
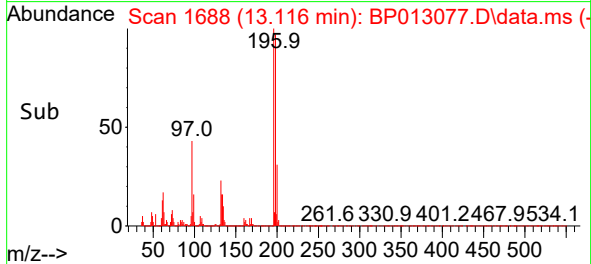
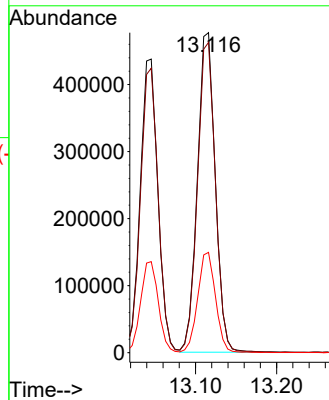
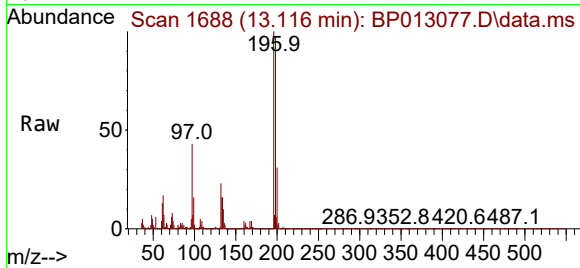
Tgt Ion:196 Resp: 730669

Ion Ratio Lower Upper

196 100

198 97.0 77.1 115.7

200 31.3 25.4 38.2



#43

1,1'-Biphenyl

Concen: 19.711 ng/ul

RT: 13.445 min Scan# 1744

Delta R.T. 0.000 min

Lab File: BP013077.D

Acq: 12 Dec 2022 07:46

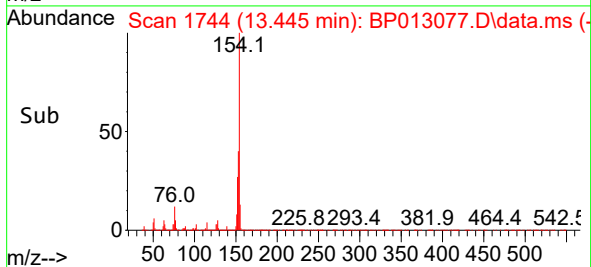
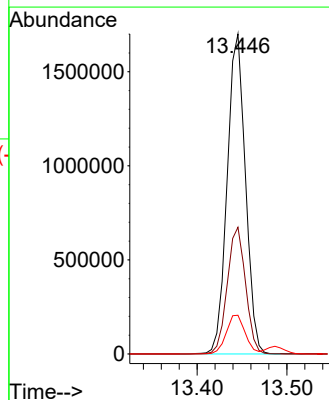
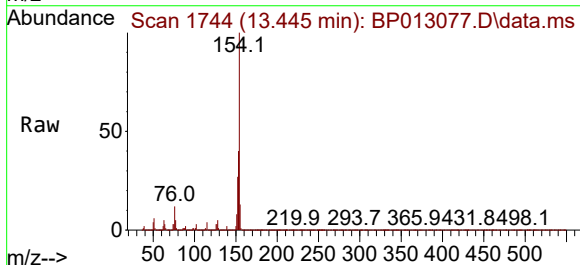
Tgt Ion:154 Resp: 2403805

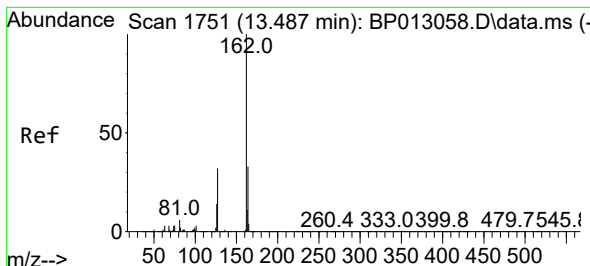
Ion Ratio Lower Upper

154 100

153 39.6 31.5 47.3

76 12.1 9.6 14.4

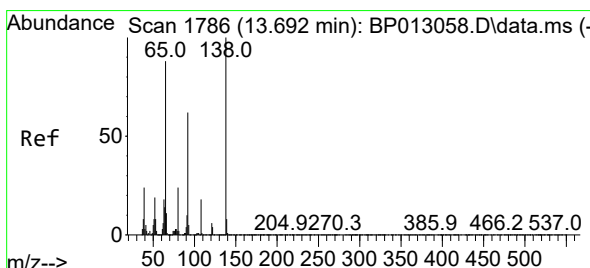
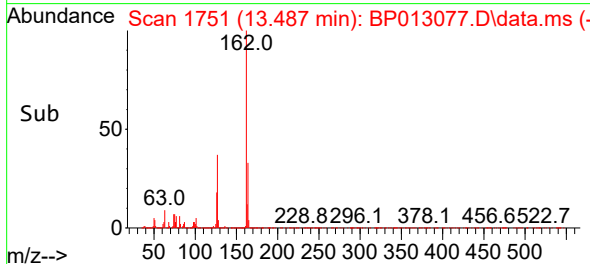
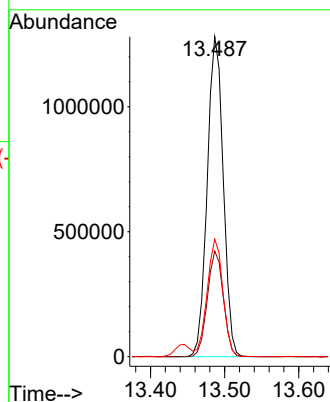
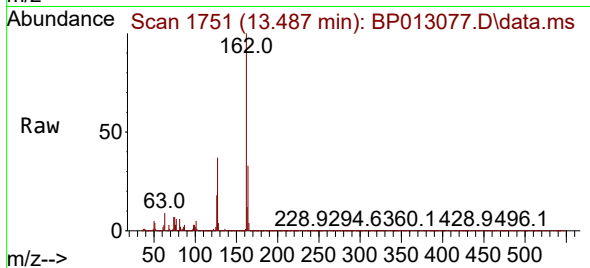




#44
2-Chloronaphthalene
Concen: 19.994 ng/ul
RT: 13.487 min Scan# 1751
Delta R.T. 0.000 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

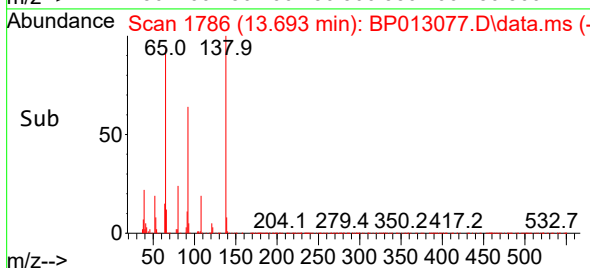
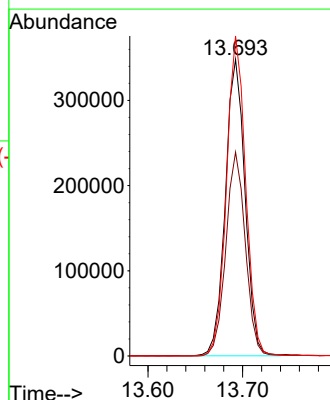
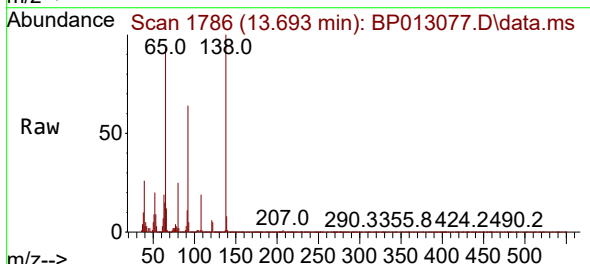
Instrument :
BNA_P
ClientSampleId :

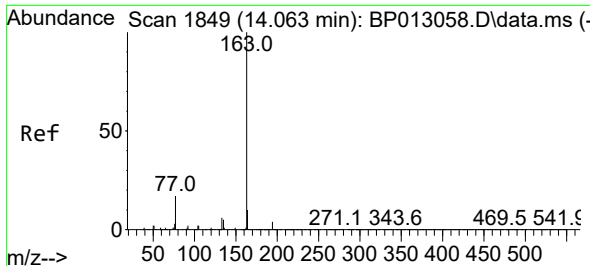
Tgt Ion:162 Resp: 1919054
Ion Ratio Lower Upper
162 100
164 33.0 26.3 39.5
127 36.7 29.3 43.9



#45
2-Nitroaniline
Concen: 21.612 ng/ul
RT: 13.693 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

Tgt Ion: 65 Resp: 502934
Ion Ratio Lower Upper
65 100
92 68.7 56.4 84.6
138 107.8 90.3 135.5

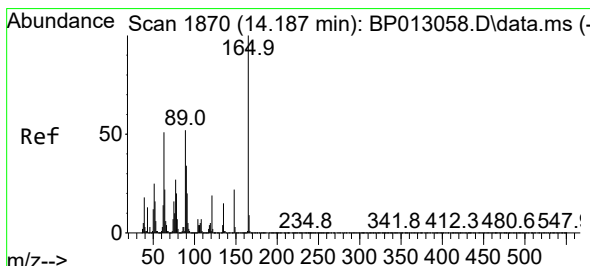
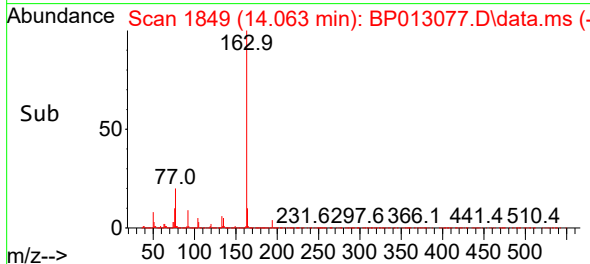
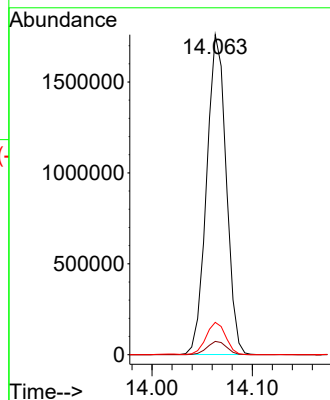
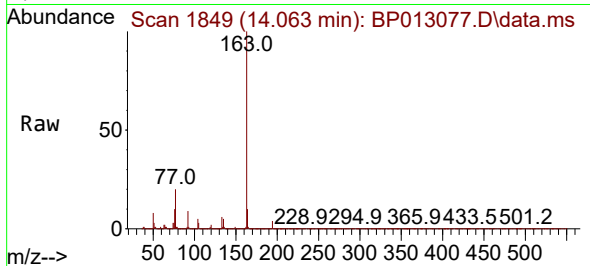




#47
Dimethylphthalate
Concen: 19.323 ng/ul
RT: 14.063 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

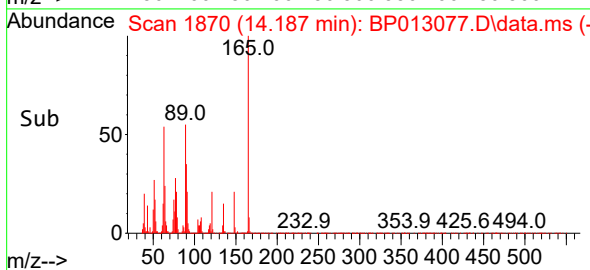
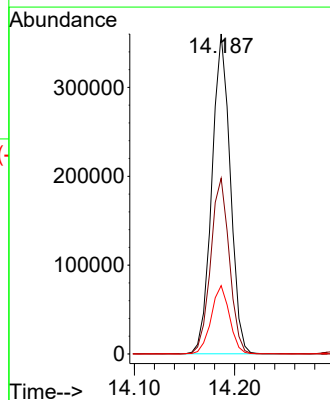
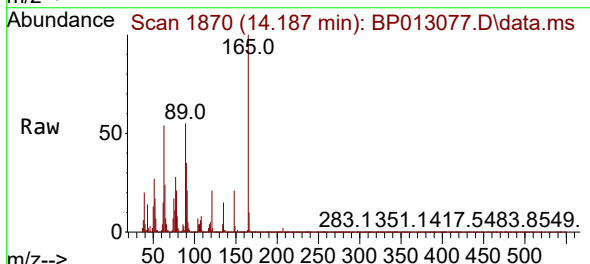
Instrument :
BNA_P
ClientSampleId :

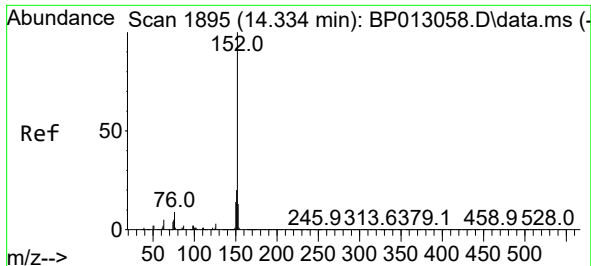
Tgt Ion:163 Resp: 2390018
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.1 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 19.973 ng/ul
RT: 14.187 min Scan# 1870
Delta R.T. 0.000 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

Tgt Ion:165 Resp: 459107
Ion Ratio Lower Upper
165 100
89 54.9 43.0 64.4
121 21.3 16.1 24.1

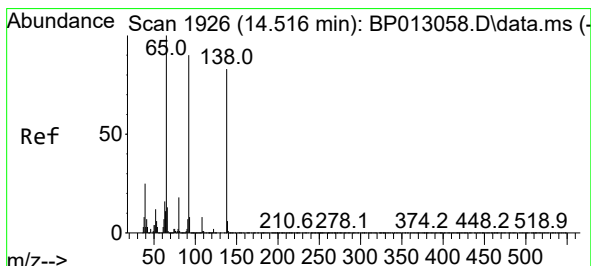
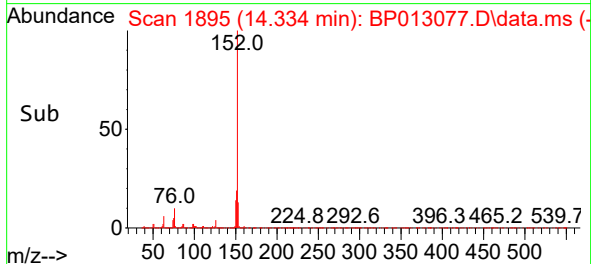
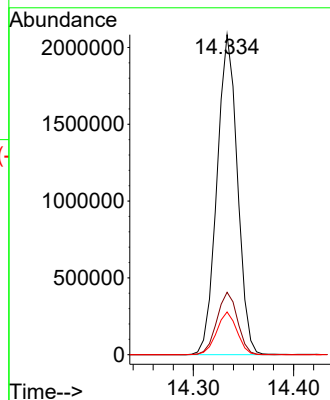
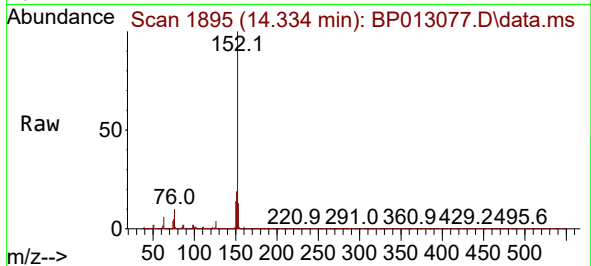




#50
Acenaphthylene
Concen: 20.005 ng/ul
RT: 14.334 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

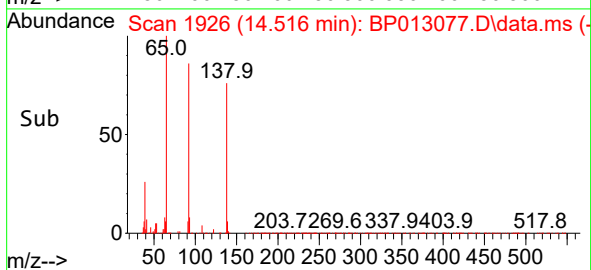
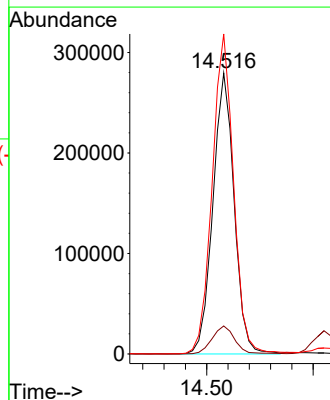
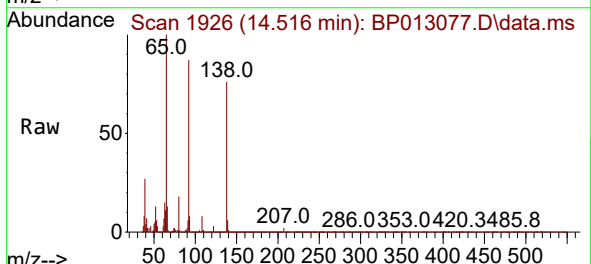
Instrument :
BNA_P
ClientSampleId :

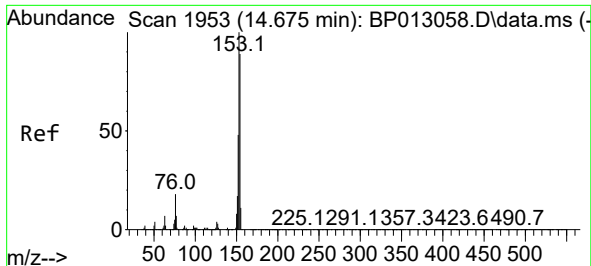
Tgt Ion:152 Resp: 2949172
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 13.4 10.6 16.0



#51
3-Nitroaniline
Concen: 17.819 ng/ul
RT: 14.516 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

Tgt Ion:138 Resp: 386761
Ion Ratio Lower Upper
138 100
108 10.0 8.6 13.0
92 113.9 88.4 132.6

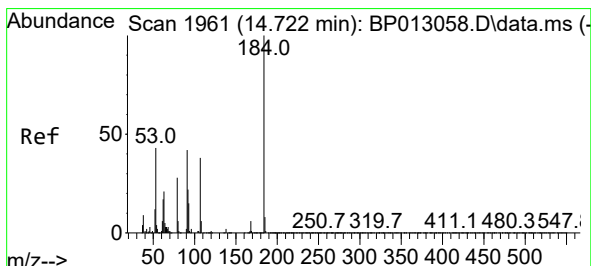
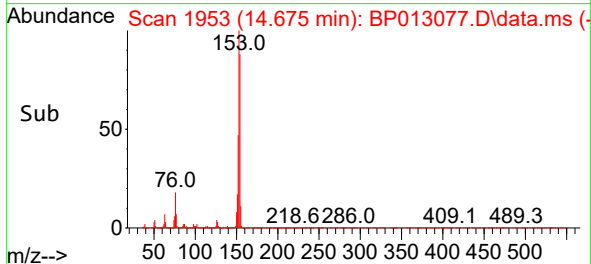
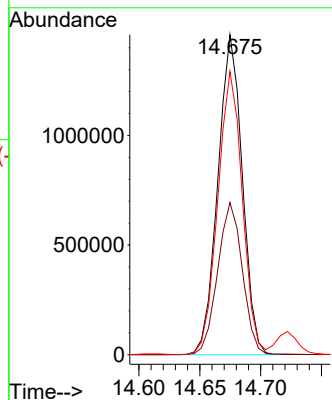
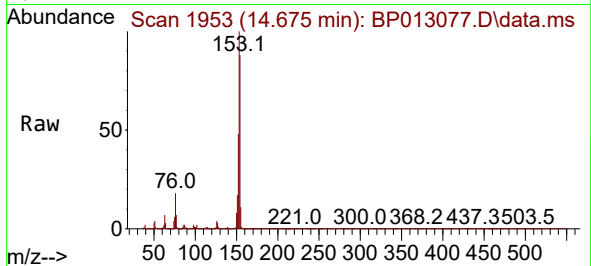




#52
Acenaphthene
Concen: 19.944 ng/ul
RT: 14.675 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

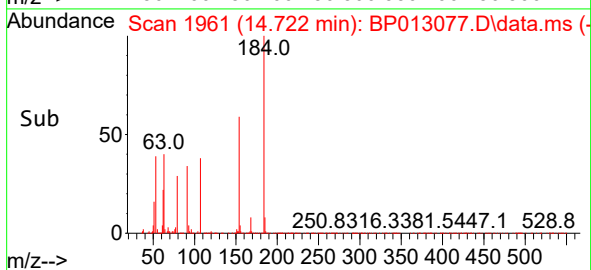
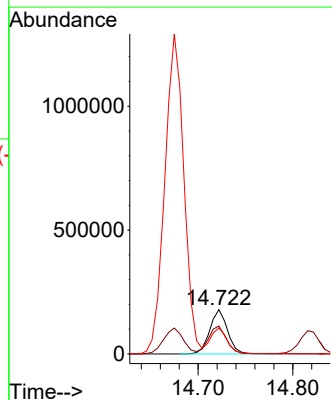
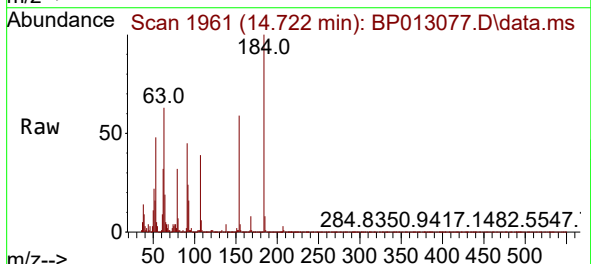
Instrument :
BNA_P
ClientSampleId :

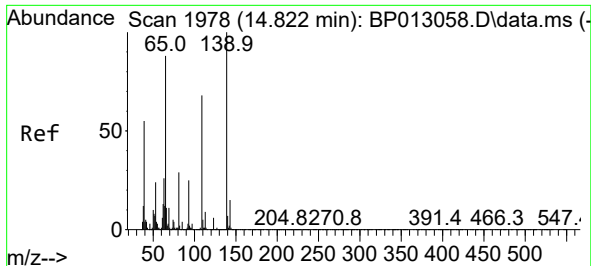
Tgt Ion:153 Resp: 2037495
Ion Ratio Lower Upper
153 100
152 47.5 38.2 57.4
154 88.5 70.8 106.2



#53
2,4-Dinitrophenol
Concen: 14.798 ng/ul
RT: 14.722 min Scan# 1961
Delta R.T. 0.000 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

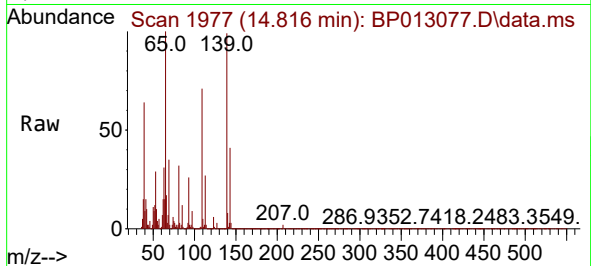
Tgt Ion:184 Resp: 232508
Ion Ratio Lower Upper
184 100
63 63.0 48.4 72.6
154 59.0 45.5 68.3



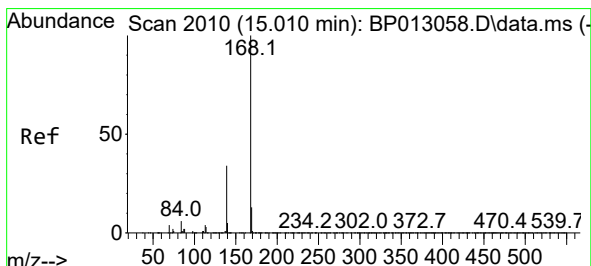
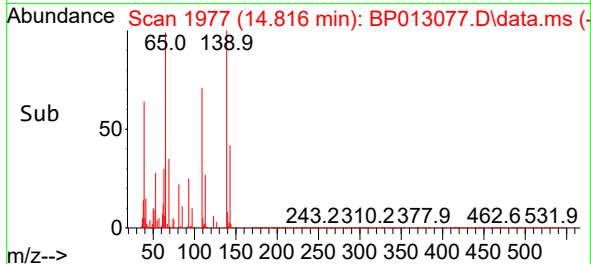
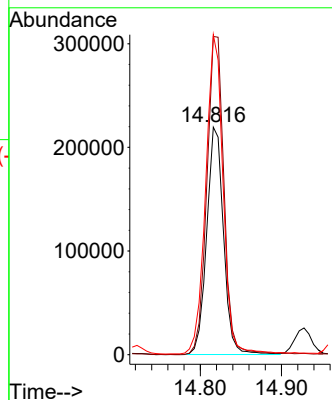


#55
4-Nitrophenol
Concen: 20.607 ng/ul
RT: 14.816 min Scan# 1977
Delta R.T. 0.000 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

Instrument :
BNA_P
ClientSampleId :

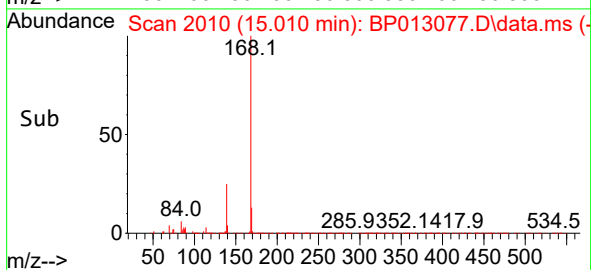
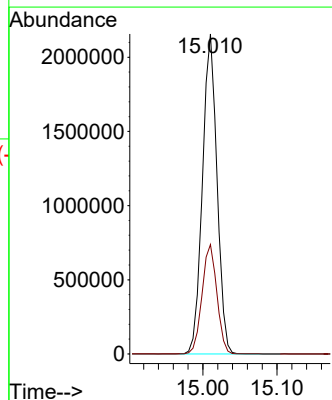
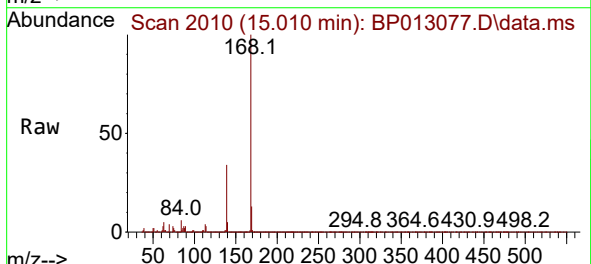


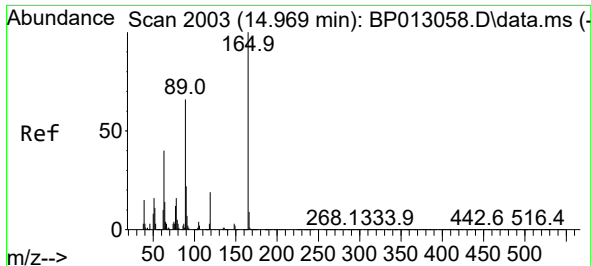
Tgt Ion:109 Resp: 315632
Ion Ratio Lower Upper
109 100
139 139.9 120.8 181.2
65 140.7 107.9 161.9



#56
Dibenzofuran
Concen: 20.201 ng/ul
RT: 15.010 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

Tgt Ion:168 Resp: 2934239
Ion Ratio Lower Upper
168 100
139 34.2 27.9 41.9





#57

2,4-Dinitrotoluene

Concen: 20.410 ng/ul

RT: 14.975 min Scan# 2004

Delta R.T. 0.000 min

Lab File: BP013077.D

Acq: 12 Dec 2022 07:46

Instrument :

BNA_P

ClientSampleId :

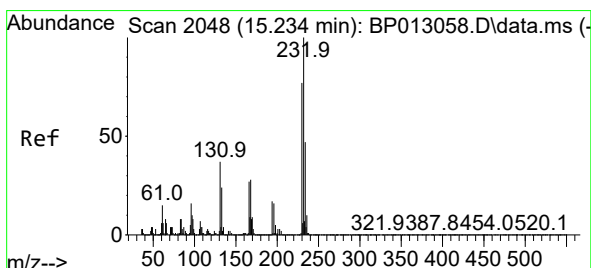
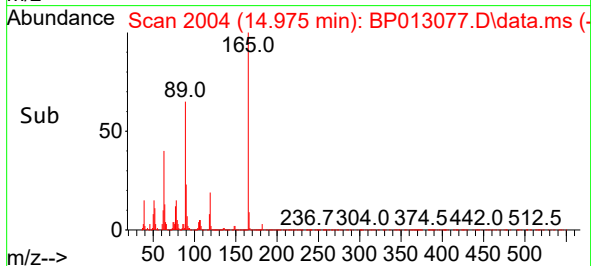
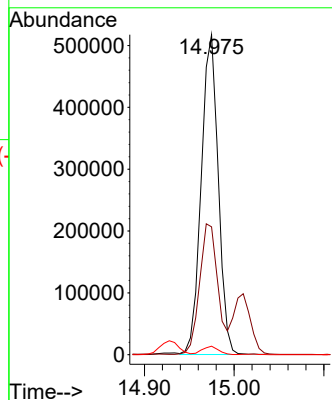
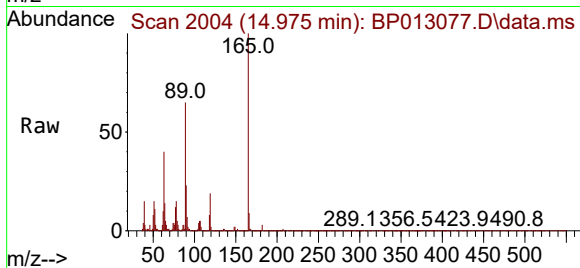
Tgt Ion:165 Resp: 681497

Ion Ratio Lower Upper

165 100

63 40.0 31.8 47.6

182 2.7 2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 19.805 ng/ul

RT: 15.234 min Scan# 2048

Delta R.T. 0.000 min

Lab File: BP013077.D

Acq: 12 Dec 2022 07:46

Tgt Ion:232 Resp: 652369

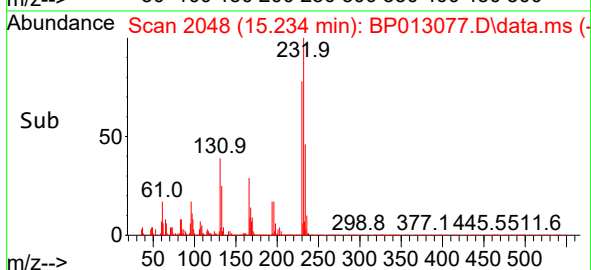
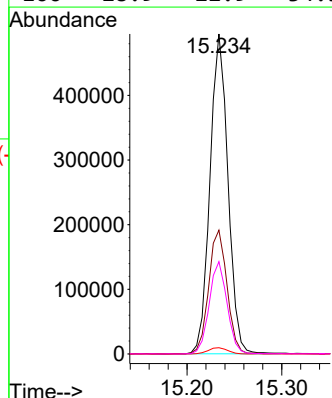
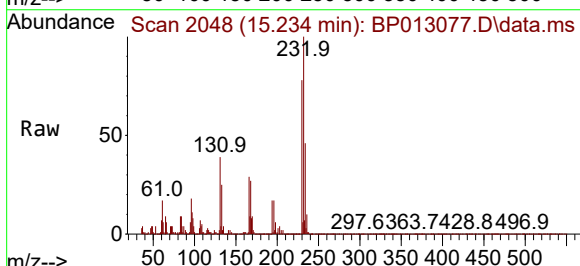
Ion Ratio Lower Upper

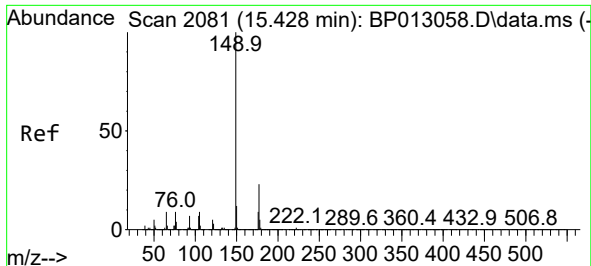
232 100

131 38.7 31.8 47.6

130 2.0 1.8 2.6

166 28.9 22.9 34.3

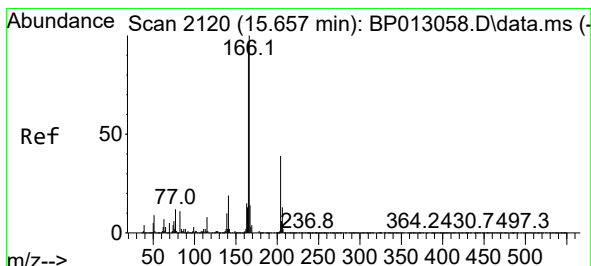
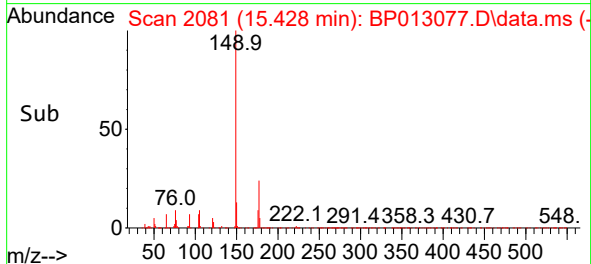
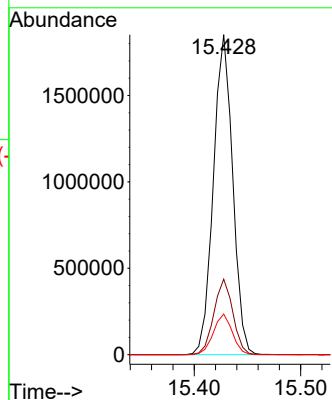
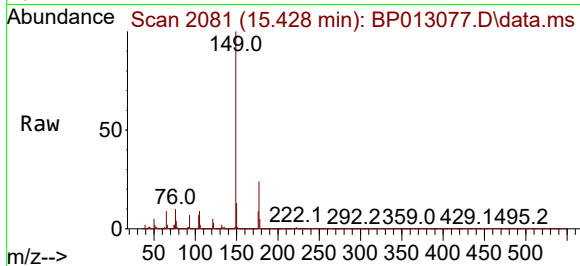




#59
Diethylphthalate
Concen: 19.370 ng/ul
RT: 15.428 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

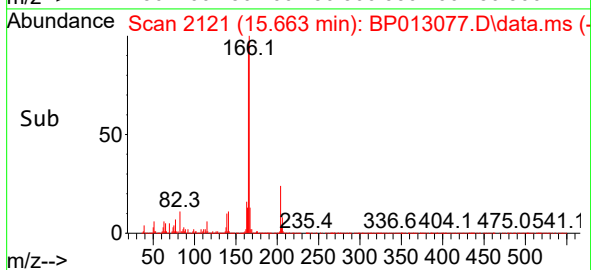
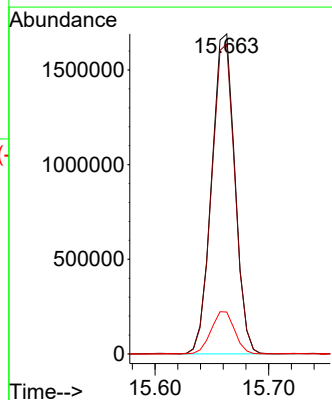
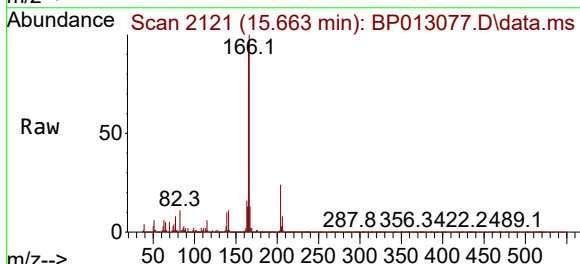
Instrument :
BNA_P
ClientSampleId :

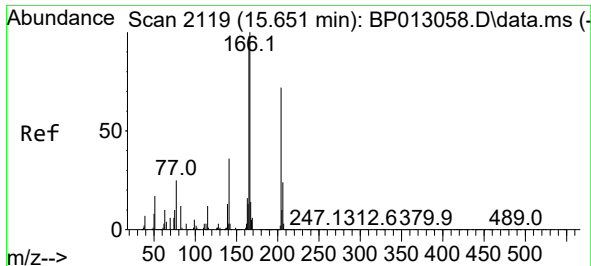
Tgt Ion:149 Resp: 2329056
Ion Ratio Lower Upper
149 100
177 23.6 18.4 27.6
150 12.7 9.9 14.9



#61
Fluorene
Concen: 20.620 ng/ul
RT: 15.663 min Scan# 2121
Delta R.T. 0.006 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

Tgt Ion:166 Resp: 2402060
Ion Ratio Lower Upper
166 100
165 96.8 77.4 116.2
167 13.1 10.6 16.0

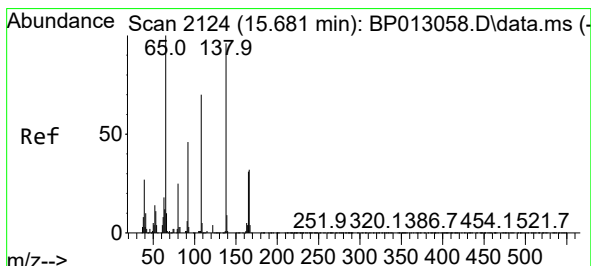
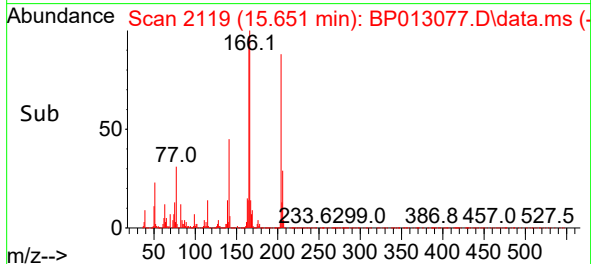
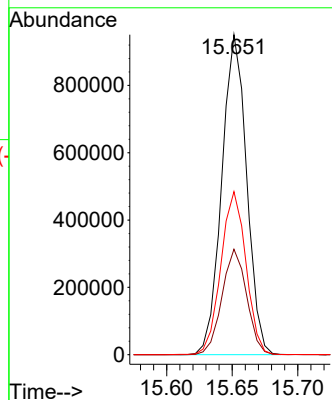
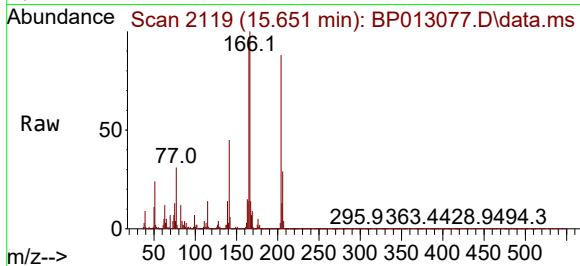




#62
4-Chlorophenyl-phenylether
Concen: 20.339 ng/ul
RT: 15.651 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

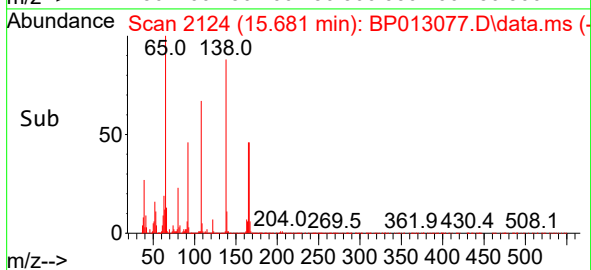
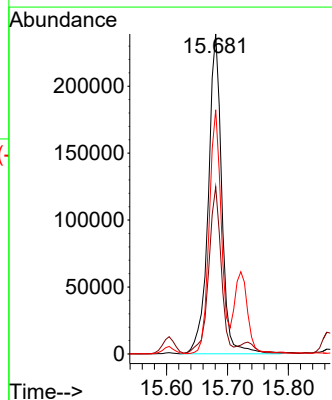
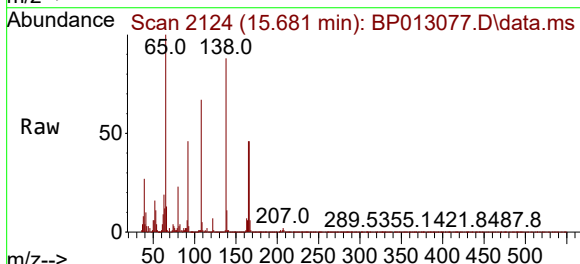
Instrument :
BNA_P
ClientSampleId :

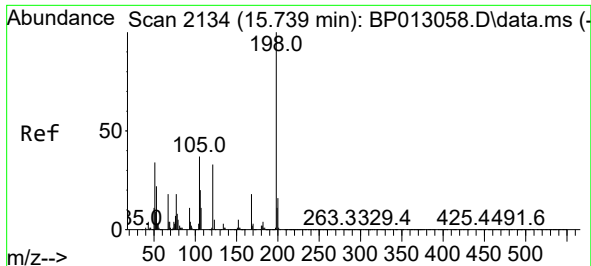
Tgt Ion:204 Resp: 1252938
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 50.9 40.4 60.6



#63
4-Nitroaniline
Concen: 19.357 ng/ul
RT: 15.681 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

Tgt Ion:138 Resp: 369706
Ion Ratio Lower Upper
138 100
92 52.2 39.0 58.4
108 76.3 55.1 82.7

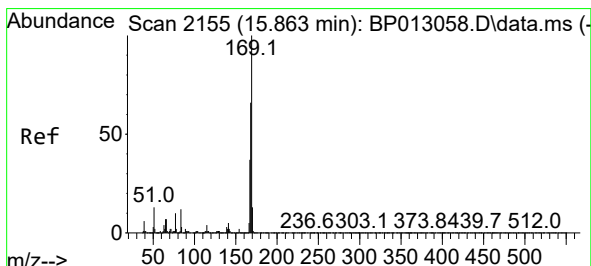
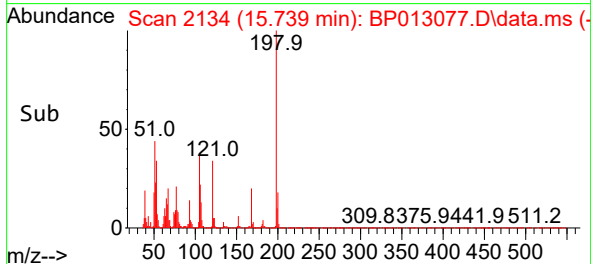
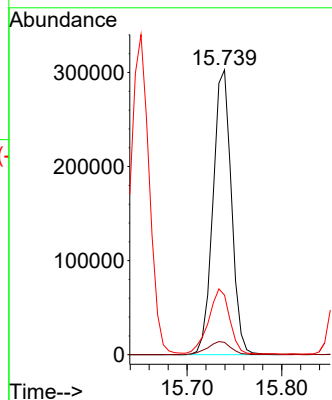
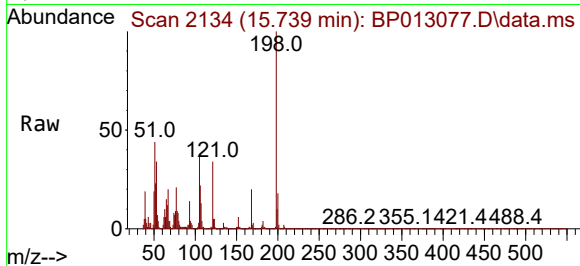




#66
4,6-Dinitro-2-methylphenol
Concen: 17.324 ng/ul
RT: 15.739 min Scan# 2134
Delta R.T. 0.006 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

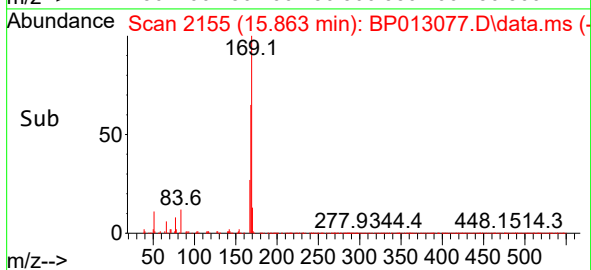
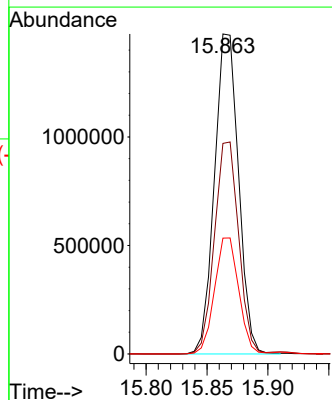
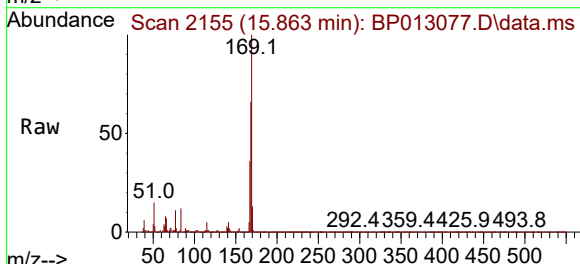
Instrument :
BNA_P
ClientSampleId :

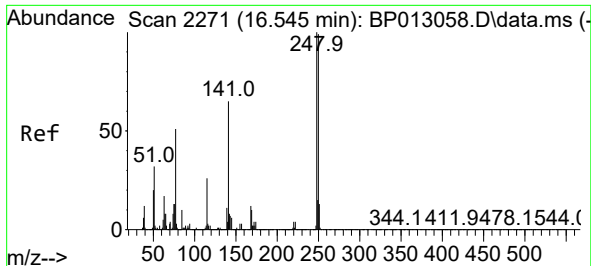
Tgt Ion:198 Resp: 409834
Ion Ratio Lower Upper
198 100
182 4.3 3.3 4.9
77 20.9 16.6 25.0



#67
N-Nitrosodiphenylamine
Concen: 19.460 ng/ul
RT: 15.863 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

Tgt Ion:169 Resp: 2029594
Ion Ratio Lower Upper
169 100
168 65.8 53.0 79.6
167 36.2 29.1 43.7

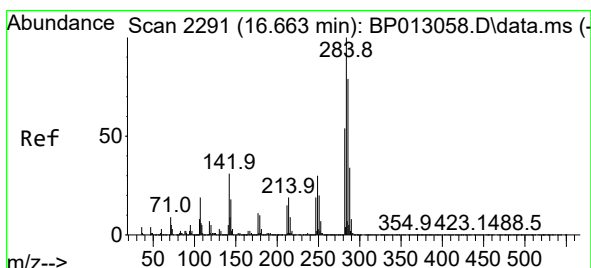
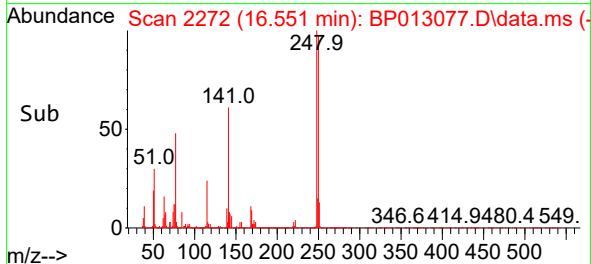
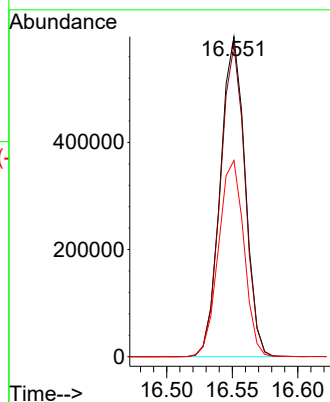
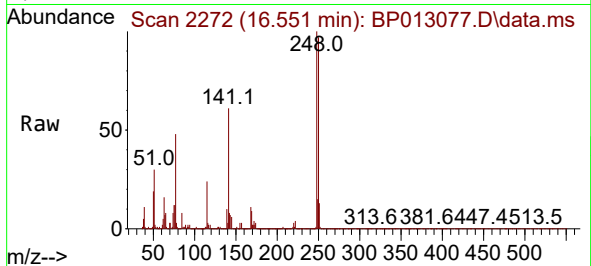




#68
4-Bromophenyl-phenylether
Concen: 19.131 ng/ul
RT: 16.551 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

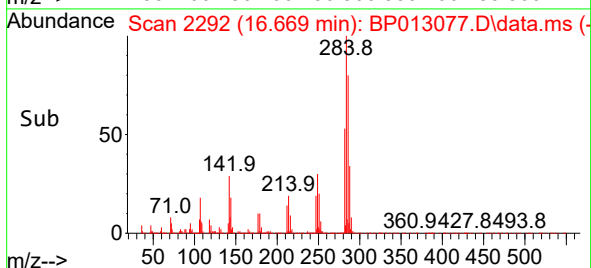
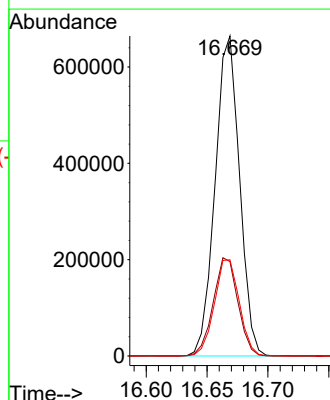
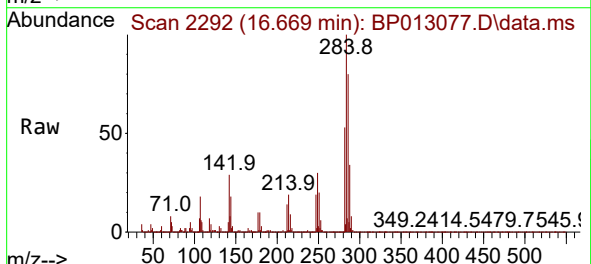
Instrument :
BNA_P
ClientSampleId :

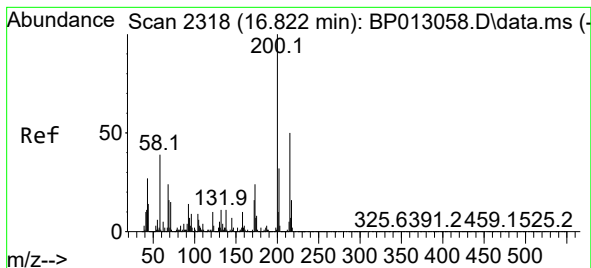
Tgt Ion:248 Resp: 781568
Ion Ratio Lower Upper
248 100
250 97.4 77.4 116.0
141 61.3 48.3 72.5



#69
Hexachlorobenzene
Concen: 19.103 ng/ul
RT: 16.669 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

Tgt Ion:284 Resp: 926649
Ion Ratio Lower Upper
284 100
142 29.5 22.6 34.0
249 30.1 24.6 37.0





#70

Atrazine

Concen: 18.819 ng/ul

RT: 16.822 min Scan# 2318

Delta R.T. 0.000 min

Lab File: BP013077.D

Acq: 12 Dec 2022 07:46

Instrument :

BNA_P

ClientSampleId :

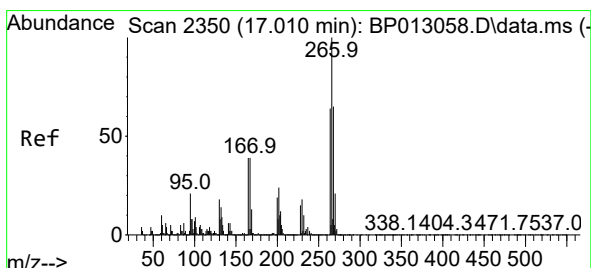
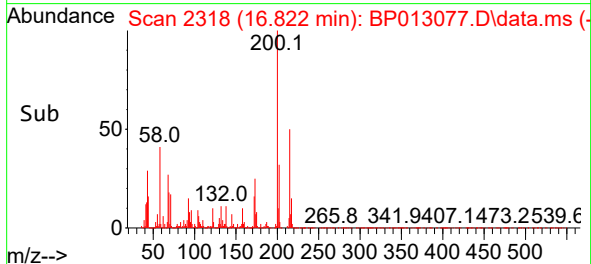
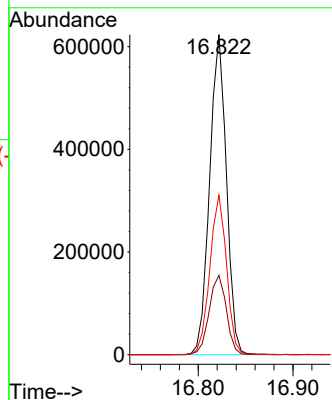
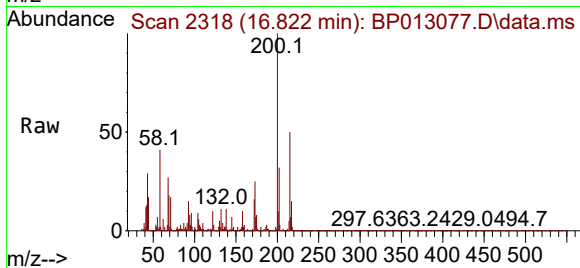
Tgt Ion:200 Resp: 764844

Ion Ratio Lower Upper

200 100

173 24.8 20.5 30.7

215 49.8 39.9 59.9



#71

Pentachlorophenol

Concen: 17.447 ng/ul

RT: 17.010 min Scan# 2350

Delta R.T. 0.000 min

Lab File: BP013077.D

Acq: 12 Dec 2022 07:46

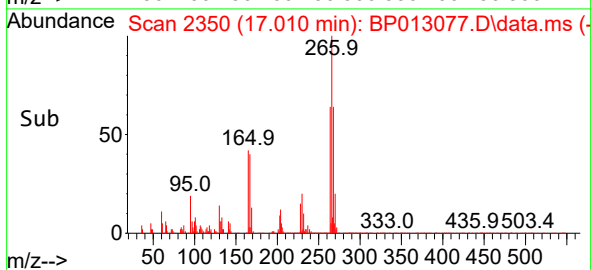
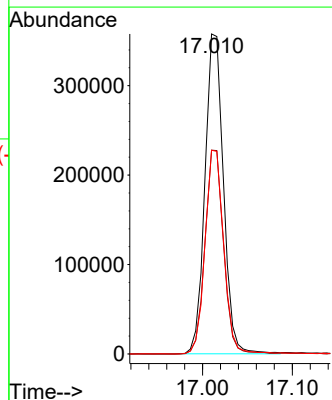
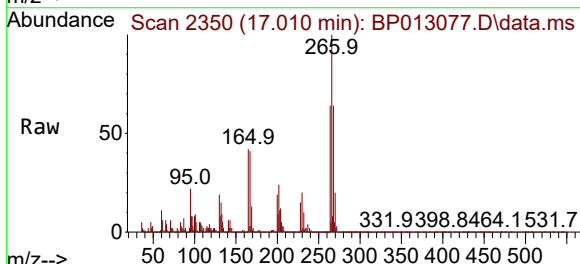
Tgt Ion:266 Resp: 512534

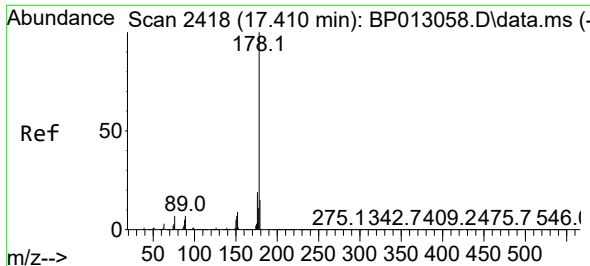
Ion Ratio Lower Upper

266 100

264 63.7 50.9 76.3

268 63.6 51.4 77.2

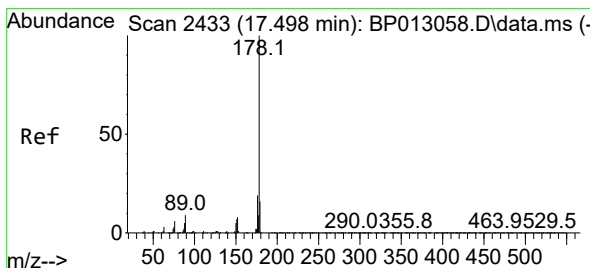
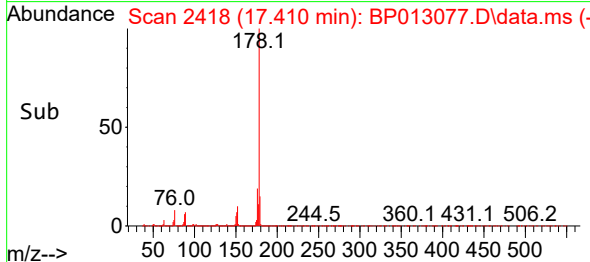
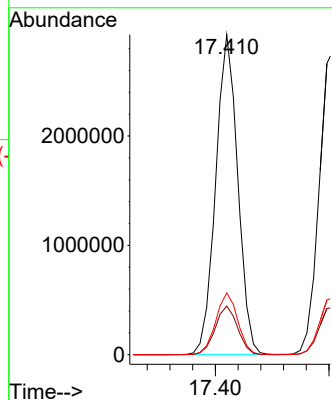
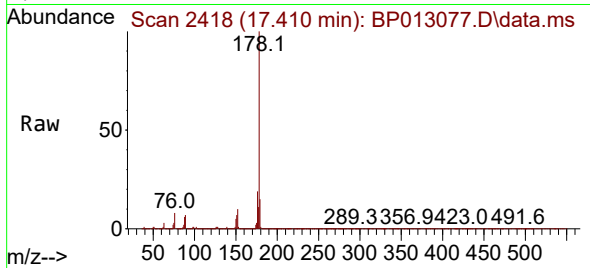




#72
Phenanthrene
Concen: 20.122 ng/ul
RT: 17.410 min Scan# 2418
Delta R.T. 0.000 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

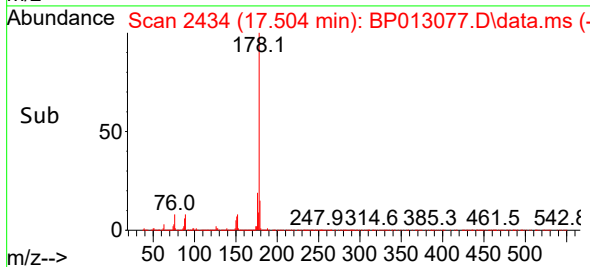
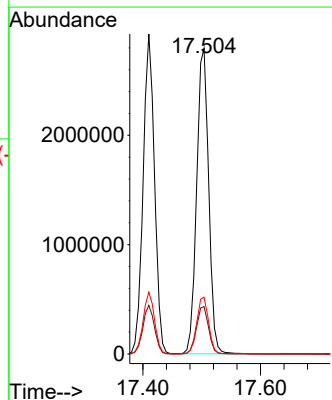
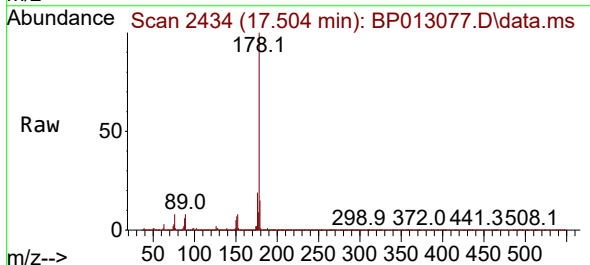
Instrument :
BNA_P
ClientSampleId :

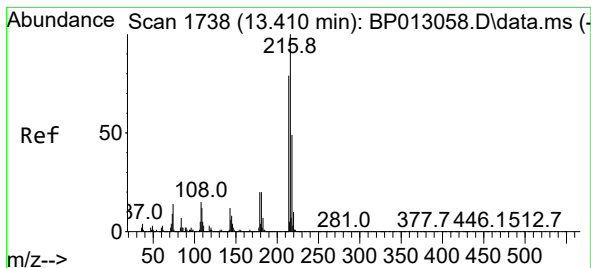
Tgt Ion:178 Resp: 3942727
Ion Ratio Lower Upper
178 100
179 15.2 12.5 18.7
176 19.3 15.4 23.0



#74
Anthracene
Concen: 20.258 ng/ul
RT: 17.504 min Scan# 2434
Delta R.T. 0.000 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

Tgt Ion:178 Resp: 3963422
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 18.6 14.8 22.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 19.227 ng/uL

RT: 13.410 min Scan# 1738

Delta R.T. 0.000 min

Lab File: BP013077.D

Acq: 12 Dec 2022 07:46

Instrument :

BNA_P

ClientSampleId :

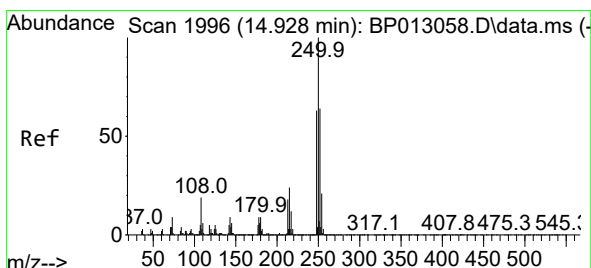
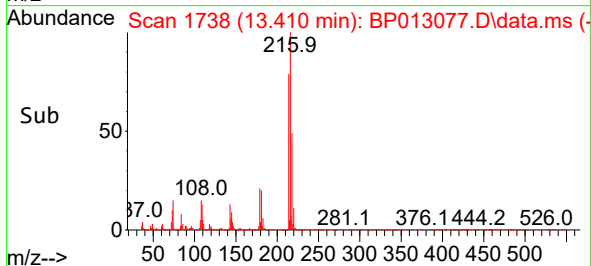
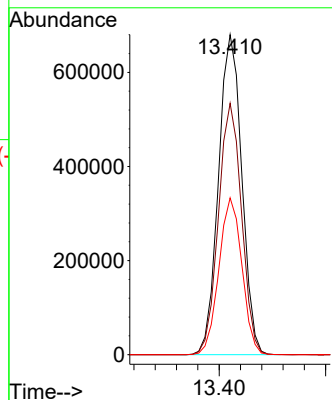
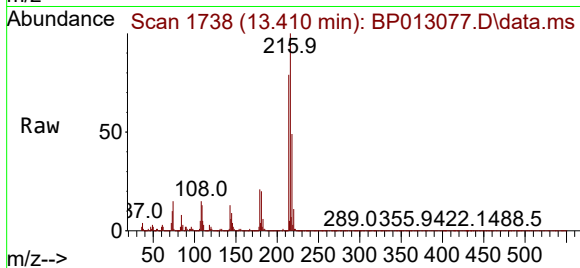
Tgt Ion:216 Resp: 1031961

Ion Ratio Lower Upper

216 100

214 78.5 62.2 93.2

218 49.0 38.9 58.3



#76

Pentachlorobenzene

Concen: 19.222 ng/uL

RT: 14.928 min Scan# 1996

Delta R.T. 0.000 min

Lab File: BP013077.D

Acq: 12 Dec 2022 07:46

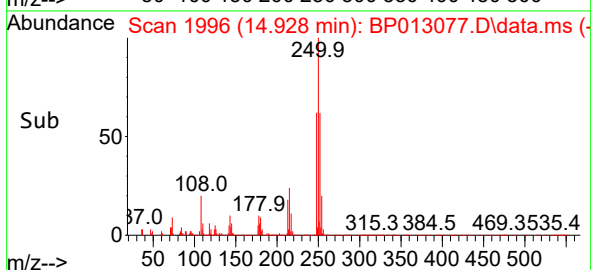
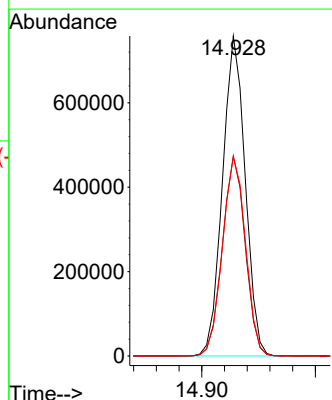
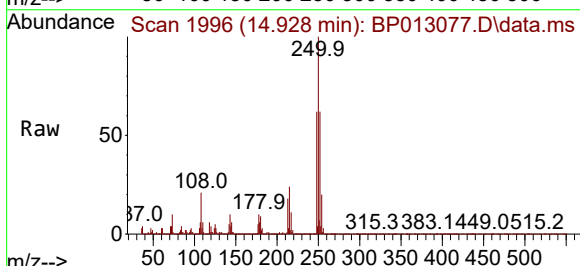
Tgt Ion:250 Resp: 1051840

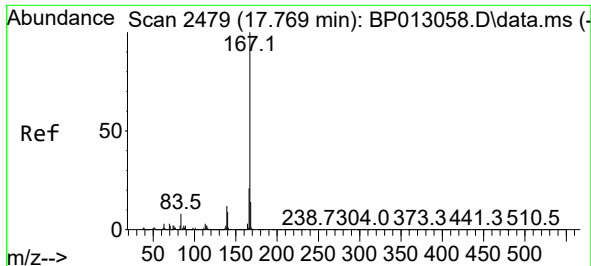
Ion Ratio Lower Upper

250 100

248 62.5 50.6 76.0

252 62.3 51.1 76.7

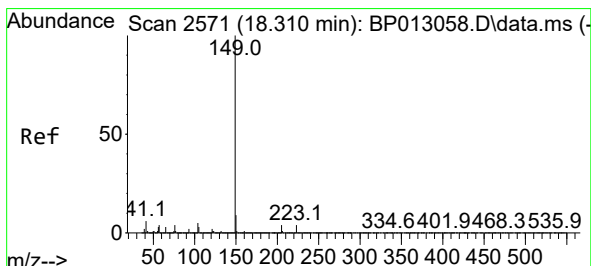
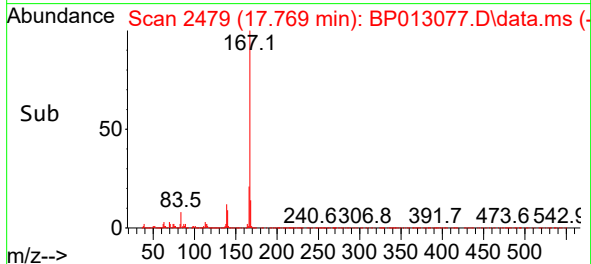
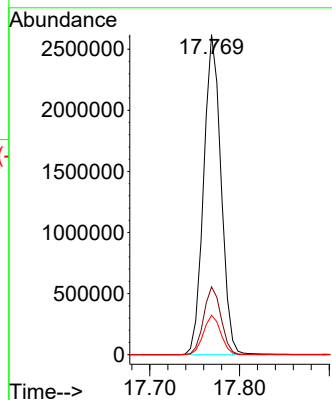
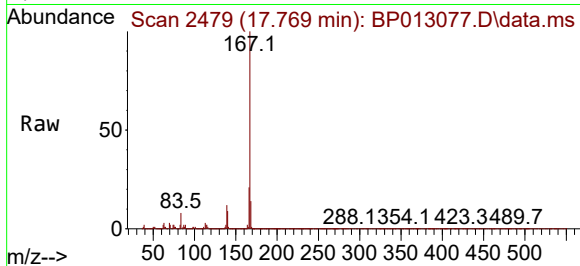




#77
 Carbazole
 Concen: 21.358 ng/ul
 RT: 17.769 min Scan# 2479
 Delta R.T. 0.000 min
 Lab File: BP013077.D
 Acq: 12 Dec 2022 07:46

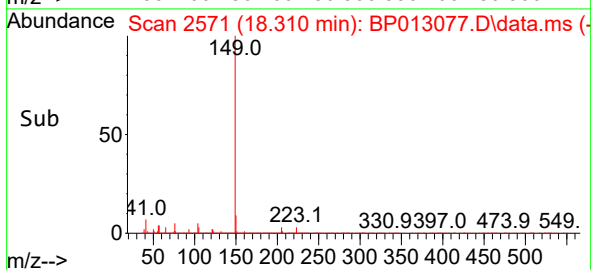
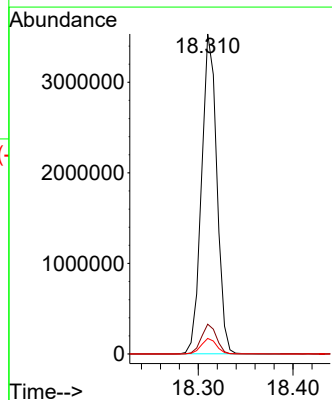
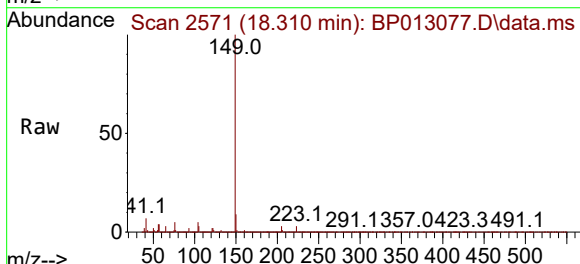
Instrument :
 BNA_P
 ClientSampleId :

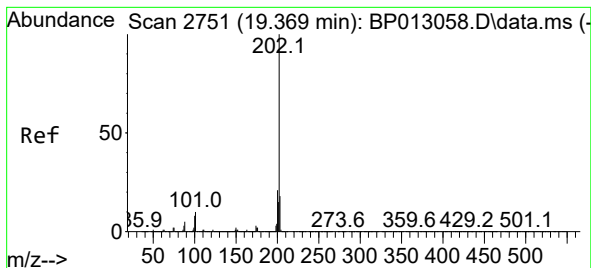
Tgt Ion:167 Resp: 3519149
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 12.3 9.4 14.2



#78
 Di-n-butylphthalate
 Concen: 19.814 ng/ul
 RT: 18.310 min Scan# 2571
 Delta R.T. 0.000 min
 Lab File: BP013077.D
 Acq: 12 Dec 2022 07:46

Tgt Ion:149 Resp: 3974976
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 4.9 3.8 5.6





#80

Fluoranthene

Concen: 19.921 ng/ul

RT: 19.369 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP013077.D

Acq: 12 Dec 2022 07:46

Instrument :

BNA_P

ClientSampleId :

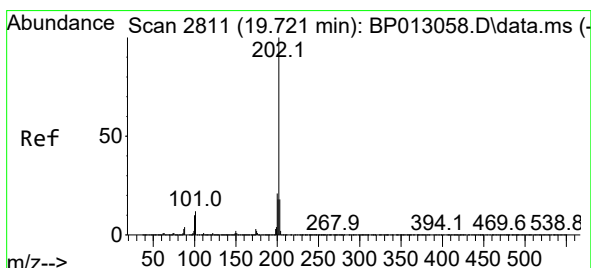
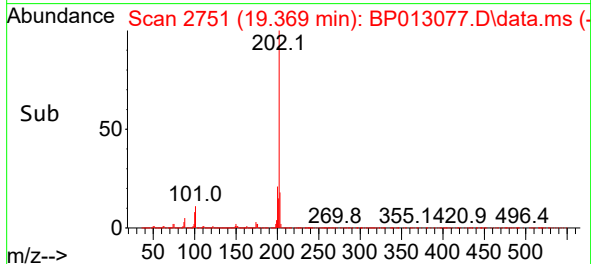
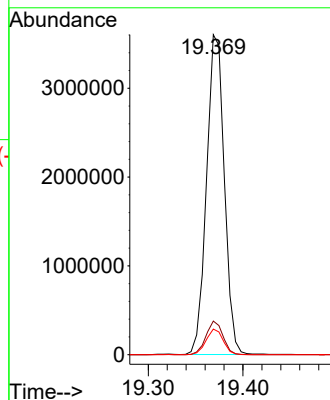
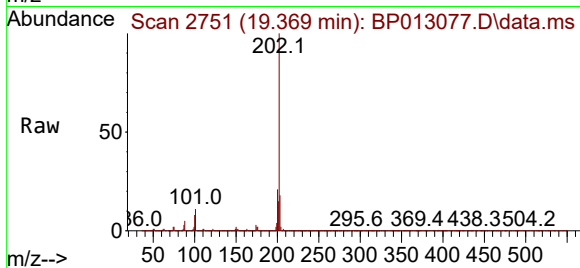
Tgt Ion:202 Resp: 4708376

Ion Ratio Lower Upper

202 100

101 10.5 8.2 12.2

100 8.0 6.1 9.1



#82

Pyrene

Concen: 20.392 ng/ul

RT: 19.728 min Scan# 2812

Delta R.T. 0.000 min

Lab File: BP013077.D

Acq: 12 Dec 2022 07:46

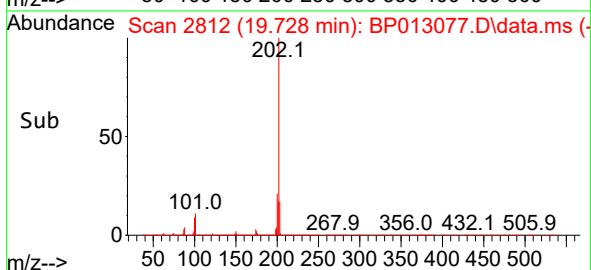
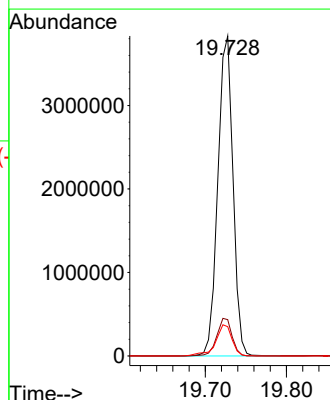
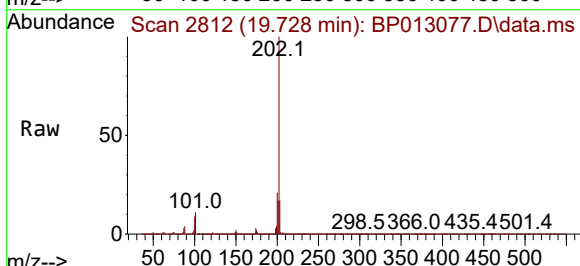
Tgt Ion:202 Resp: 4971808

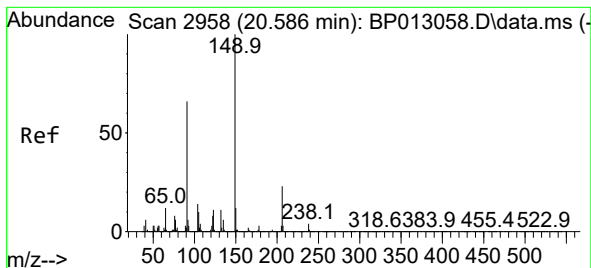
Ion Ratio Lower Upper

202 100

101 11.3 9.4 14.2

100 9.1 7.8 11.8





#83

Butylbenzylphthalate

Concen: 18.952 ng/ul

RT: 20.586 min Scan# 2958

Delta R.T. 0.000 min

Lab File: BP013077.D

Acq: 12 Dec 2022 07:46

Instrument :

BNA_P

ClientSampleId :

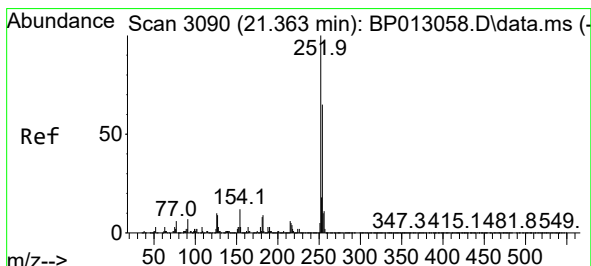
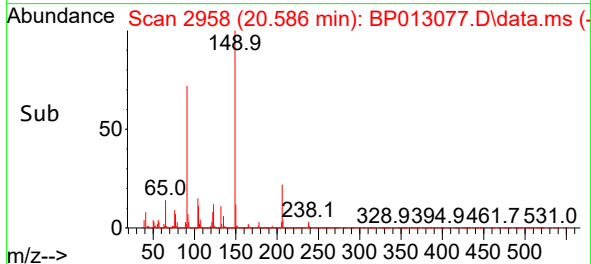
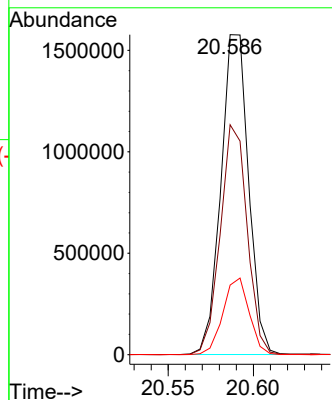
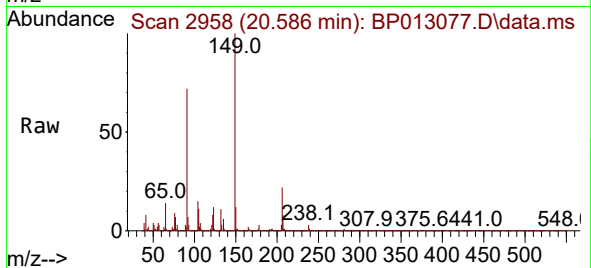
Tgt Ion:149 Resp: 1785083

Ion Ratio Lower Upper

149 100

91 71.9 53.4 80.0

206 21.7 17.9 26.9



#84

3,3'-Dichlorobenzidine

Concen: 17.070 ng/ul

RT: 21.363 min Scan# 3090

Delta R.T. 0.000 min

Lab File: BP013077.D

Acq: 12 Dec 2022 07:46

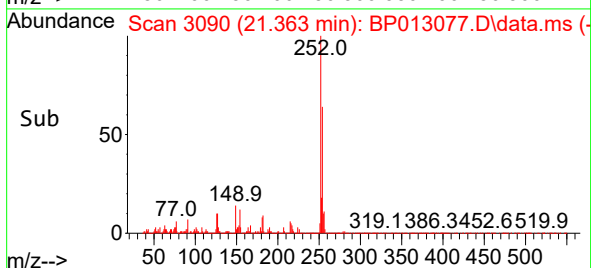
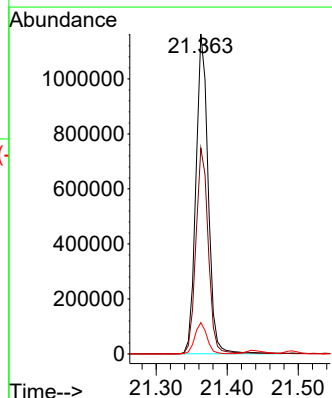
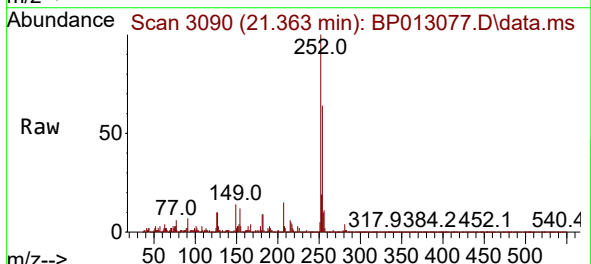
Tgt Ion:252 Resp: 1399059

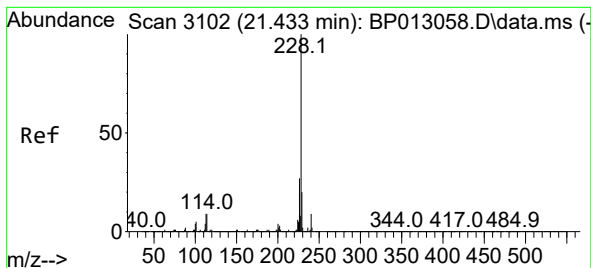
Ion Ratio Lower Upper

252 100

254 64.3 51.8 77.8

126 9.8 7.4 11.2





#85

Benzo(a)anthracene

Concen: 20.033 ng/ul

RT: 21.439 min Scan# 3103

Delta R.T. 0.006 min

Lab File: BP013077.D

Acq: 12 Dec 2022 07:46

Instrument :

BNA_P

ClientSampleId :

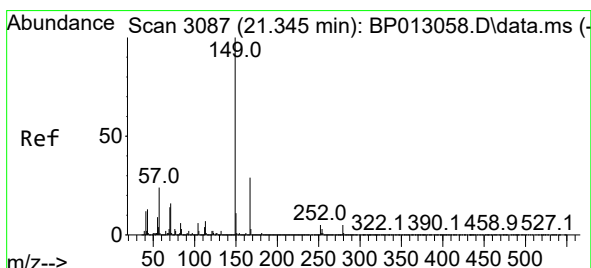
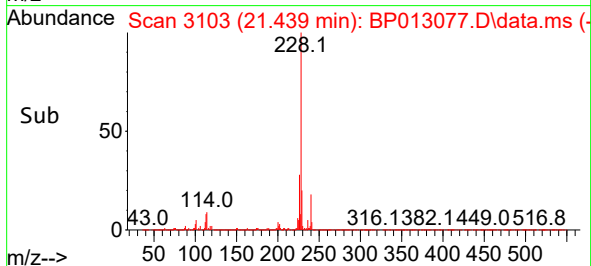
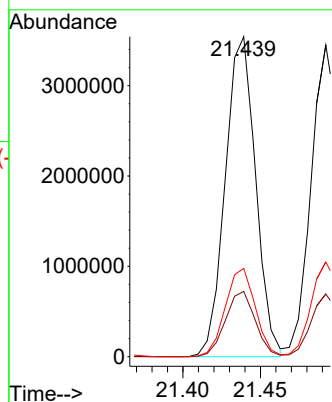
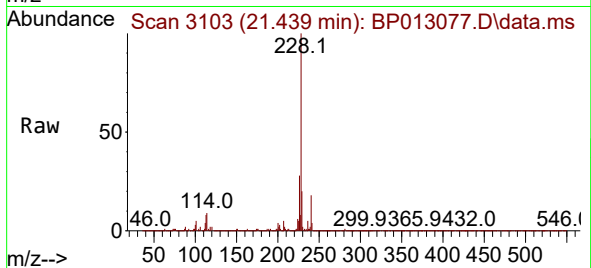
Tgt Ion:228 Resp: 4824649

Ion Ratio Lower Upper

228 100

229 20.4 16.1 24.1

226 27.6 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 19.466 ng/ul

RT: 21.345 min Scan# 3087

Delta R.T. 0.000 min

Lab File: BP013077.D

Acq: 12 Dec 2022 07:46

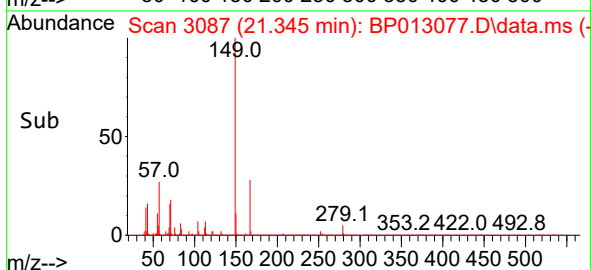
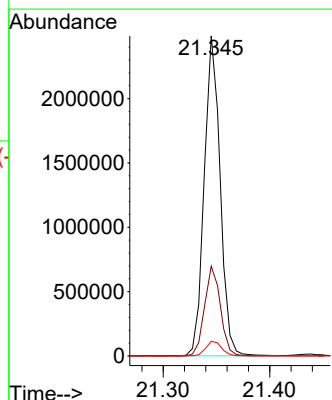
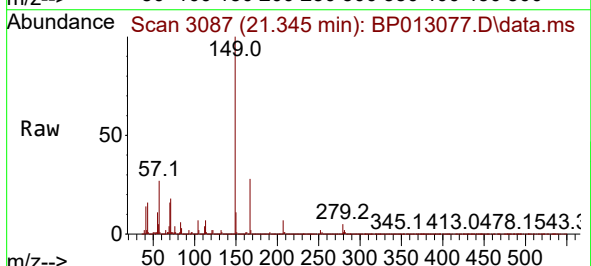
Tgt Ion:149 Resp: 2586381

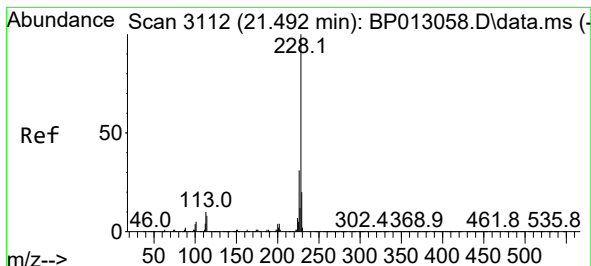
Ion Ratio Lower Upper

149 100

167 28.1 22.5 33.7

279 4.6 3.8 5.8





#87

Chrysene

Concen: 20.081 ng/ul

RT: 21.492 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BP013077.D

Acq: 12 Dec 2022 07:46

Instrument :

BNA_P

ClientSampleId :

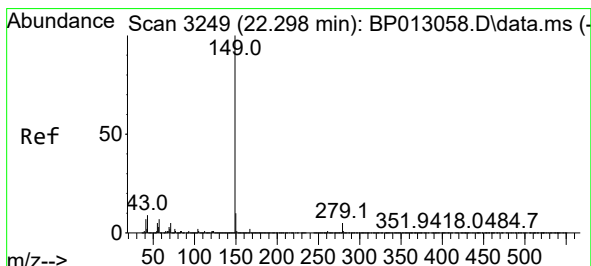
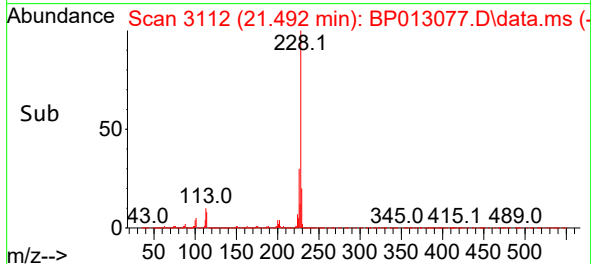
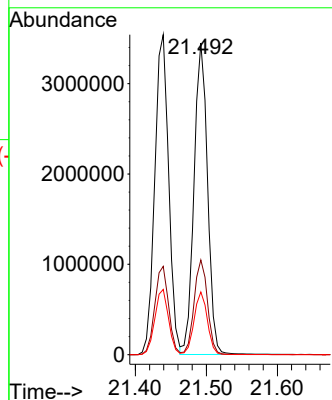
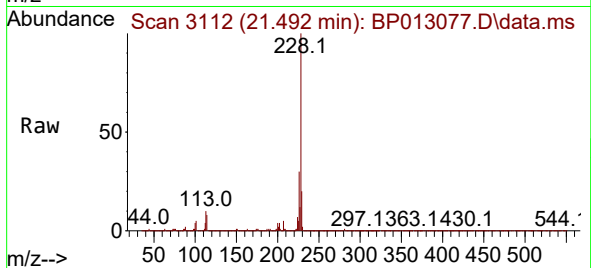
Tgt Ion:228 Resp: 4573523

Ion Ratio Lower Upper

228 100

226 30.4 24.5 36.7

229 20.1 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 21.480 ng/ul

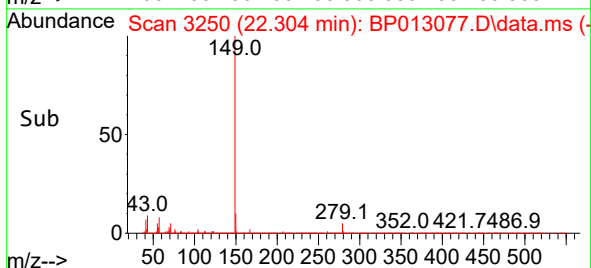
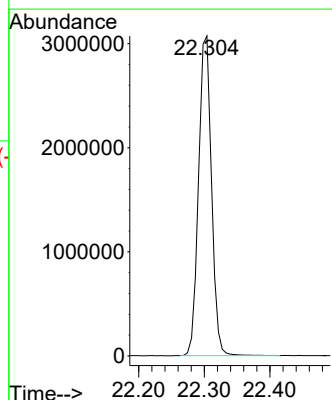
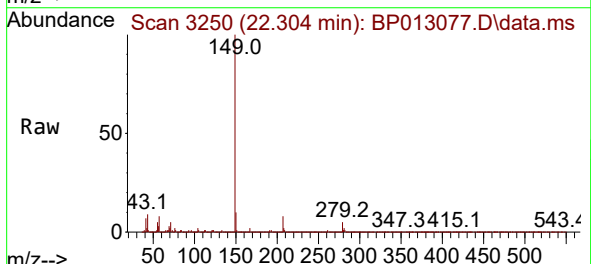
RT: 22.304 min Scan# 3250

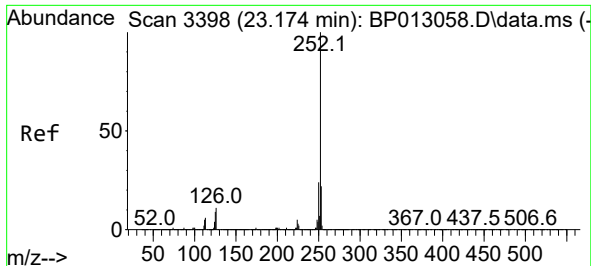
Delta R.T. 0.006 min

Lab File: BP013077.D

Acq: 12 Dec 2022 07:46

Tgt Ion:149 Resp: 4229552

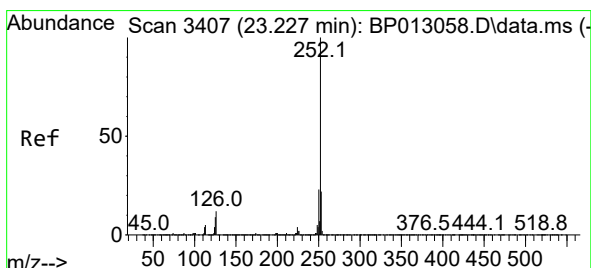
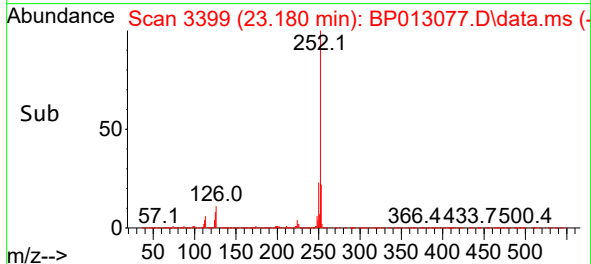
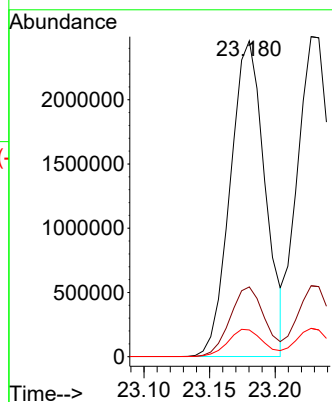
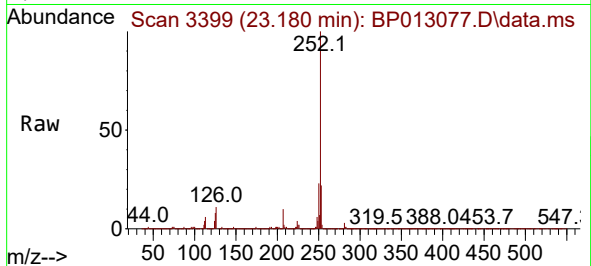




#90
Benzo(b)fluoranthene
Concen: 20.252 ng/ul
RT: 23.180 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

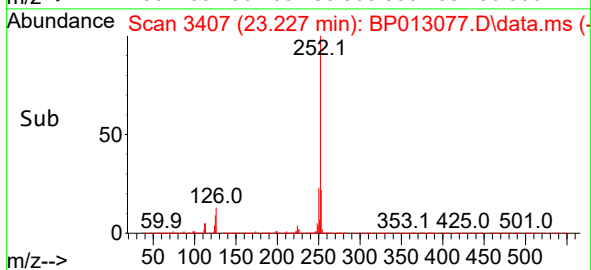
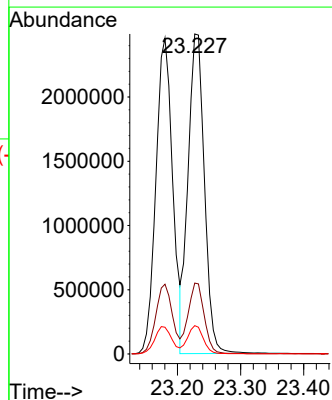
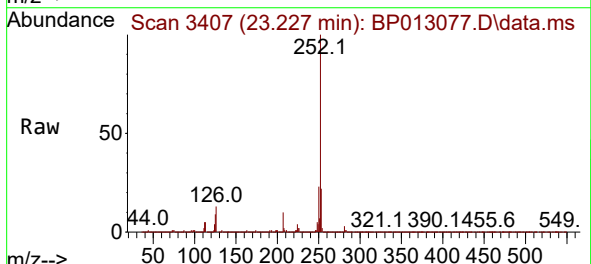
Instrument :
BNA_P
ClientSampleId :

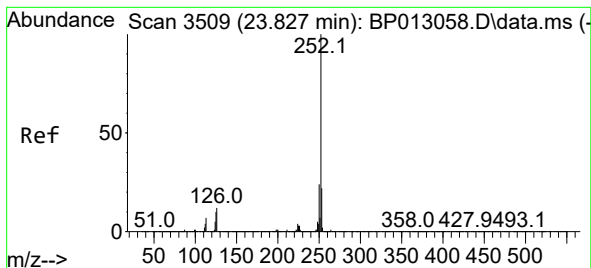
Tgt Ion:252 Resp: 4538855
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 8.5 6.8 10.2



#91
Benzo(k)fluoranthene
Concen: 20.134 ng/ul
RT: 23.227 min Scan# 3407
Delta R.T. 0.000 min
Lab File: BP013077.D
Acq: 12 Dec 2022 07:46

Tgt Ion:252 Resp: 4474654
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 8.8 6.8 10.2





#93

Benzo(a)pyrene

Concen: 19.912 ng/ul

RT: 23.833 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP013077.D

Acq: 12 Dec 2022 07:46

Instrument :

BNA_P

ClientSampleId :

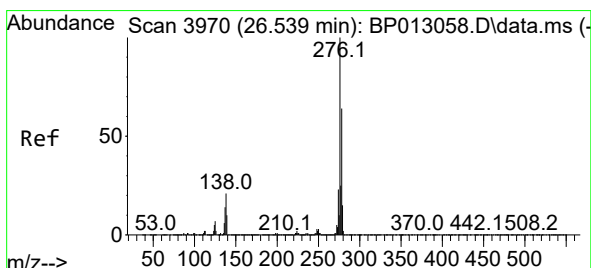
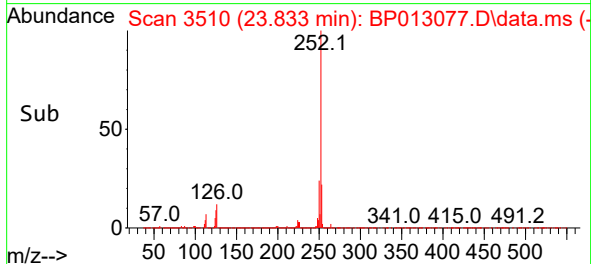
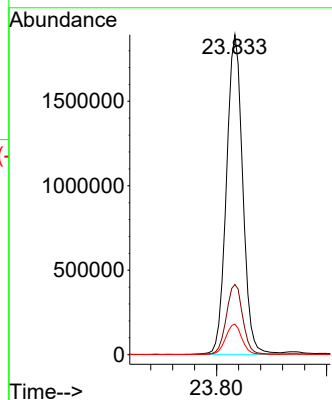
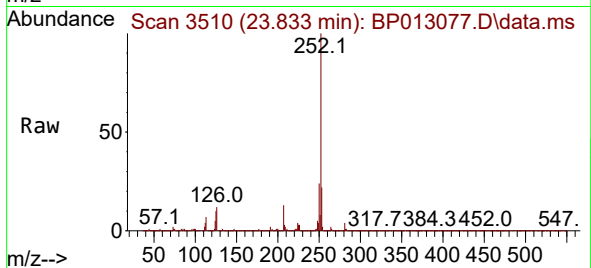
Tgt Ion:252 Resp: 3885879

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.6 7.5 11.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 19.544 ng/ul

RT: 26.551 min Scan# 3972

Delta R.T. 0.006 min

Lab File: BP013077.D

Acq: 12 Dec 2022 07:46

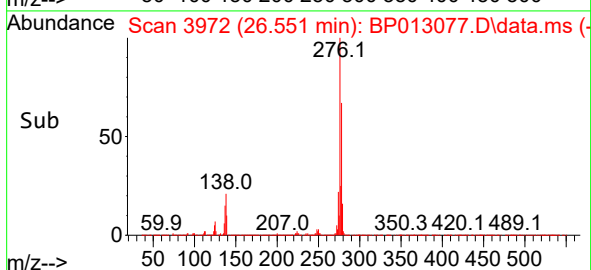
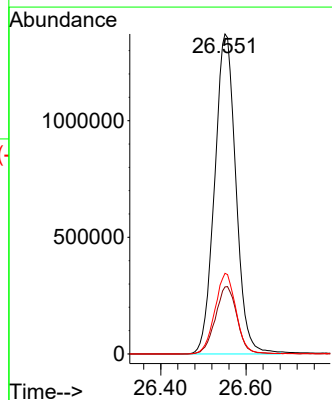
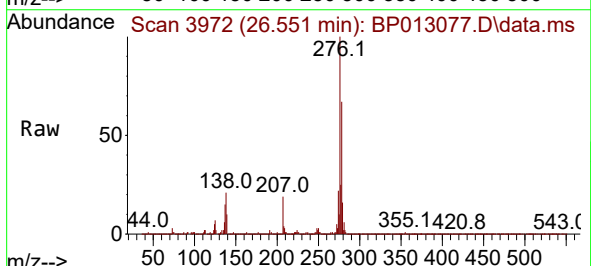
Tgt Ion:276 Resp: 4750759

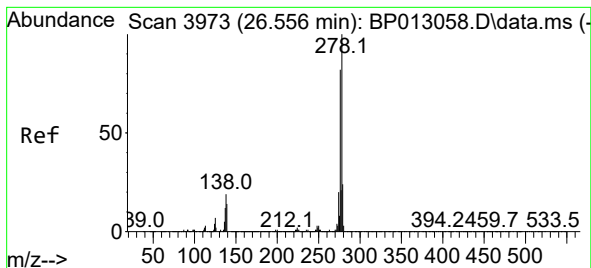
Ion Ratio Lower Upper

276 100

138 20.9 17.1 25.7

277 25.2 20.0 30.0





#95

Dibenzo(a,h)anthracene

Concen: 19.688 ng/ul

RT: 26.568 min Scan# 3973

Delta R.T. 0.012 min

Lab File: BP013077.D

Acq: 12 Dec 2022 07:46

Instrument :

BNA_P

ClientSampleId :

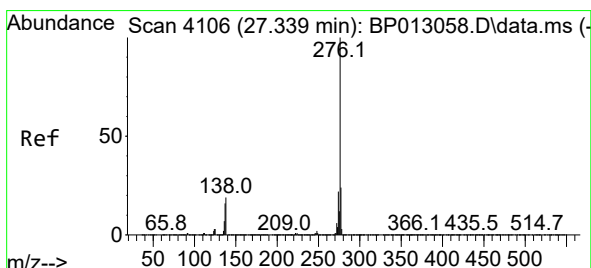
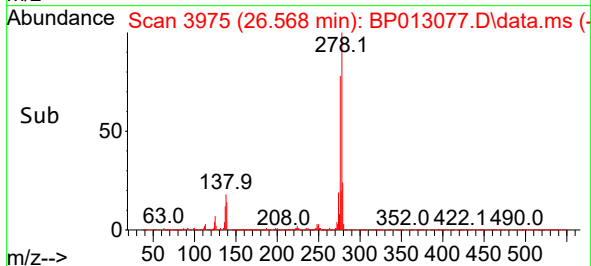
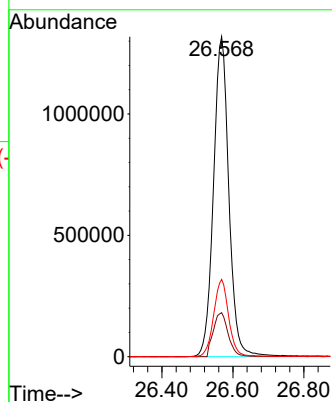
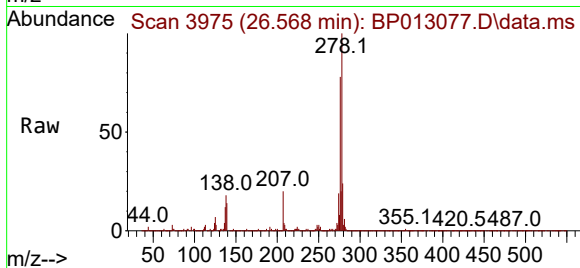
Tgt Ion:278 Resp: 3962498

Ion Ratio Lower Upper

278 100

139 13.7 11.1 16.7

279 24.1 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 18.892 ng/ul

RT: 27.351 min Scan# 4108

Delta R.T. 0.006 min

Lab File: BP013077.D

Acq: 12 Dec 2022 07:46

Tgt Ion:276 Resp: 3686772

Ion Ratio Lower Upper

276 100

138 18.7 15.4 23.2

277 23.3 19.1 28.7

