

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
 Data File : BP013075.D
 Acq On : 11 Dec 2022 11:46
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 12 03:36:21 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	712977	20.000	ng/u1	0.00
20) Naphthalene-d8	10.781	136	3028817	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.610	164	1963303	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.363	188	4452374	20.000	ng/u1	0.00
79) Chrysene-d12	21.451	240	4024394	20.000	ng/u1	0.00
88) Perylene-d12	23.933	264	3851106	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	124494	7.466	ng/uL	0.00
4) Pyridine-d5	3.775	84	918080	19.381	ng/u1	0.00
7) Phenol-d5	7.122	99	1150862	19.817	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	710230	20.274	ng/u1	0.00
11) 2-Chlorophenol-d4	7.499	132	924709	20.227	ng/u1	0.00
15) 4-Methylphenol-d8	8.675	113	927053	19.482	ng/u1	0.00
21) Nitrobenzene-d5	9.134	128	461305	20.730	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	518502	20.696	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	987302	20.289	ng/u1	0.00
31) 4-Chloroaniline-d4	10.922	131	1365582	19.878	ng/u1	0.00
46) Dimethylphthalate-d6	14.016	166	2898438	19.209	ng/u1	0.00
49) Acenaphthylene-d8	14.298	160	3362081	20.278	ng/u1	0.00
54) 4-Nitrophenol-d4	14.804	143	531869	19.596	ng/u1	0.00
60) Fluorene-d10	15.598	176	2538864	19.889	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	517399	18.058	ng/u1	0.00
73) Anthracene-d10	17.463	188	4014103	19.984	ng/u1	0.00
81) Pyrene-d10	19.692	212	4704830	20.367	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.774	264	3803200	19.813	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.387	88	129459	7.437	ng/uL	96
5) Pyridine	3.799	79	934427	19.848	ng/u1	99
6) Benzaldehyde	7.105	77	450300	19.802	ng/u1	99
8) Phenol	7.152	94	1183969	20.164	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.387	93	959317	19.906	ng/u1	98
12) 2-Chlorophenol	7.528	128	950397	20.273	ng/u1	98
13) 2-Methylphenol	8.410	108	898828	19.635	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.499	45	1377483	20.829	ng/u1	99
16) Acetophenone	8.799	105	1485452	20.360	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.781	70	738217	20.121	ng/u1	96
18) 4-Methylphenol	8.740	108	997552	19.674	ng/u1	97
19) Hexachloroethane	9.057	117	373608	19.942	ng/u1	97
22) Nitrobenzene	9.181	77	1100005	21.065	ng/u1	98
23) Isophorone	9.710	82	2065341	19.560	ng/u1	99
25) 2-Nitrophenol	9.893	139	560197	20.637	ng/u1	96
26) 2,4-Dimethylphenol	9.951	107	1077492	20.343	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.187	93	1321689	19.576	ng/u1	100
29) 2,4-Dichlorophenol	10.428	162	969628	20.341	ng/u1	99
30) Naphthalene	10.834	128	3159542	19.946	ng/u1	100
32) 4-Chloroaniline	10.946	127	1365906	20.092	ng/u1	100
33) Hexachlorobutadiene	11.116	225	650258	19.868	ng/u1	98
34) Caprolactam	11.728	113	201869	12.420	ng/u1	96
35) 4-Chloro-3-methylphenol	12.057	107	988753	20.325	ng/u1	99
36) 2-Methylnaphthalene	12.434	142	2145206	19.741	ng/u1	100

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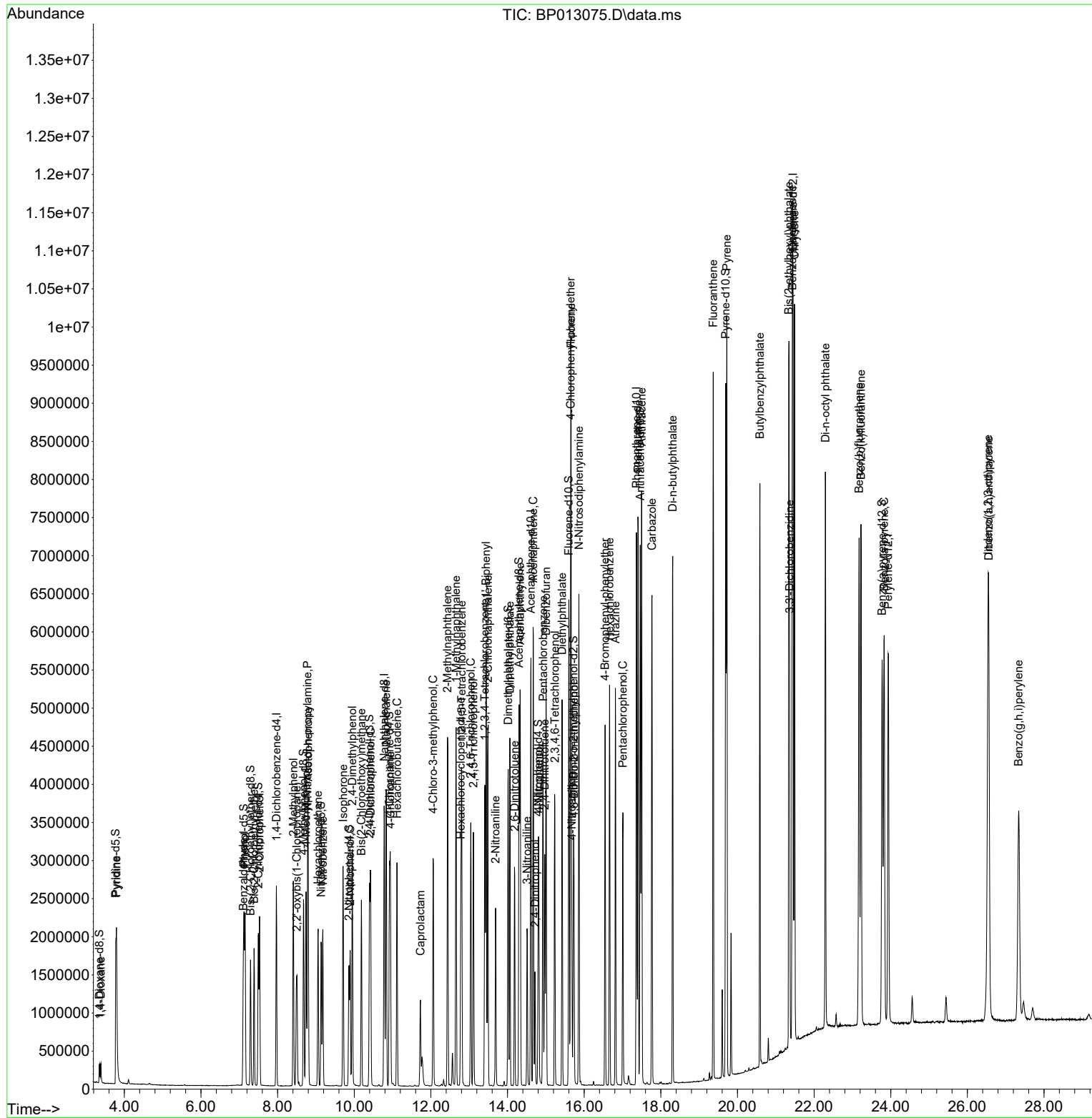
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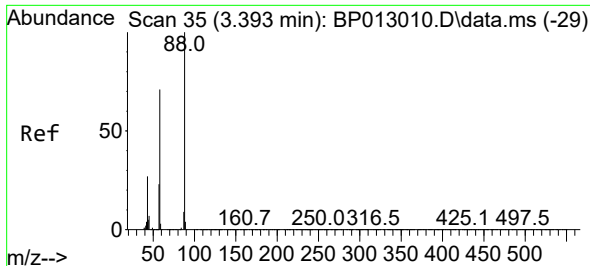
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.657	142	2208107	19.758	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.804	216	1271109	20.107	ng/ul	99
40) Hexachlorocyclopentadiene	12.781	237	576205	14.006	ng/ul	99
41) 2,4,6-Trichlorophenol	13.040	196	820392	20.192	ng/ul	99
42) 2,4,5-Trichlorophenol	13.110	196	895423	20.518	ng/ul	99
43) 1,1'-Biphenyl	13.440	154	2924270	19.832	ng/ul	99
44) 2-Chloronaphthalene	13.487	162	2329403	20.072	ng/ul	99
45) 2-Nitroaniline	13.687	65	625965	22.247	ng/ul	97
47) Dimethylphthalate	14.063	163	2924543	19.555	ng/ul	99
48) 2,6-Dinitrotoluene	14.187	165	575107	20.693	ng/ul	100
50) Acenaphthylene	14.328	152	3584654	20.110	ng/ul	99
51) 3-Nitroaniline	14.510	138	497215	18.946	ng/ul	98
52) Acenaphthene	14.669	153	2442292	19.772	ng/ul	100
53) 2,4-Dinitrophenol	14.716	184	305678	16.090	ng/ul	96
55) 4-Nitrophenol	14.816	109	382712	20.665	ng/ul	96
56) Dibenzofuran	15.004	168	3513697	20.007	ng/ul	100
57) 2,4-Dinitrotoluene	14.969	165	842482	20.868	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.234	232	787227	19.766	ng/ul	97
59) Diethylphthalate	15.422	149	2823595	19.422	ng/ul	100
61) Fluorene	15.657	166	2843421	20.188	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.645	204	1483365	19.915	ng/ul	98
63) 4-Nitroaniline	15.675	138	476546	20.636	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.734	198	518982	18.535	ng/ul	99
67) N-Nitrosodiphenylamine	15.863	169	2430633	19.691	ng/ul	100
68) 4-Bromophenyl-phenylether	16.545	248	939901	19.439	ng/ul	98
69) Hexachlorobenzene	16.663	284	1109449	19.324	ng/ul	98
70) Atrazine	16.816	200	935240	19.443	ng/ul	99
71) Pentachlorophenol	17.010	266	635769	18.286	ng/ul	99
72) Phenanthrene	17.404	178	4612034	19.887	ng/ul	100
74) Anthracene	17.498	178	4666661	20.153	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.410	216	1258973	19.819	ng/ul	99
76) Pentachlorobenzene	14.928	250	1264658	19.527	ng/ul	99
77) Carbazole	17.769	167	4152845	21.296	ng/ul	99
78) Di-n-butylphthalate	18.310	149	4781226	20.137	ng/ul	99
80) Fluoranthene	19.369	202	5519494	21.052	ng/ul	99
82) Pyrene	19.722	202	5706583	21.100	ng/ul	100
83) Butylbenzylphthalate	20.586	149	2171931	20.788	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.363	252	1563105	17.193	ng/ul	99
85) Benzo(a)anthracene	21.433	228	5421848	20.294	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.339	149	3106064	21.075	ng/ul	99
87) Chrysene	21.486	228	5037754	19.940	ng/ul	100
89) Di-n-octyl phthalate	22.298	149	5047975	23.397	ng/ul	100
90) Benzo(b)fluoranthene	23.174	252	4972793	20.250	ng/ul	100
91) Benzo(k)fluoranthene	23.221	252	4890432	20.083	ng/ul	100
93) Benzo(a)pyrene	23.827	252	4266526	19.953	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.539	276	5251665	19.717	ng/ul	99
95) Dibenzo(a,h)anthracene	26.557	278	4358332	19.763	ng/ul	99
96) Benzo(g,h,i)perylene	27.339	276	4049149	18.936	ng/ul	100

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

ClientSampleId :

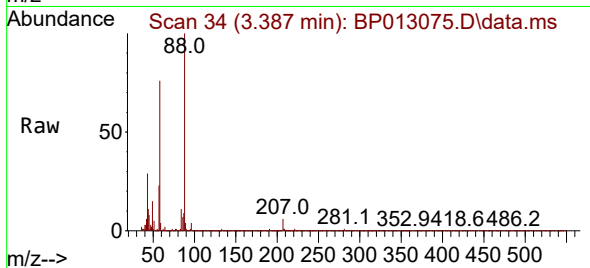
Response via : Initial Calibration



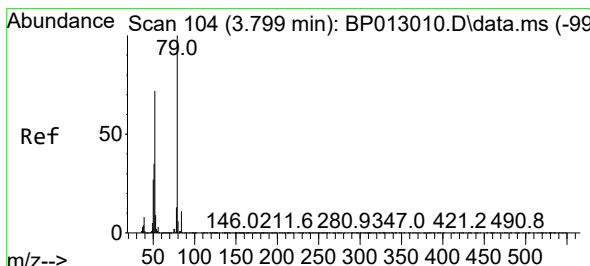
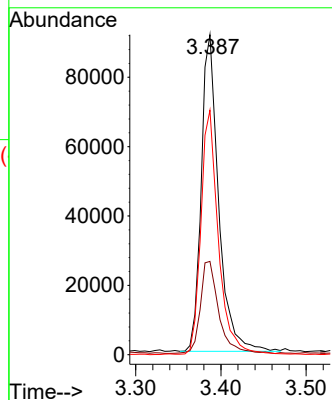
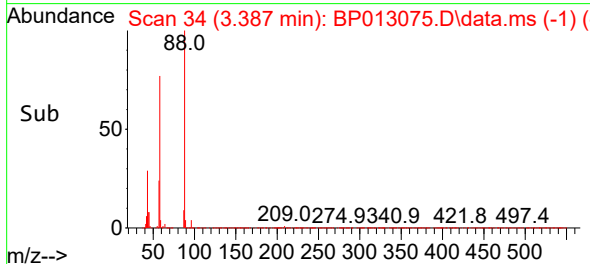


#2
 1,4-Dioxane
 Concen: 7.437 ng/uL
 RT: 3.387 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: BP013075.D
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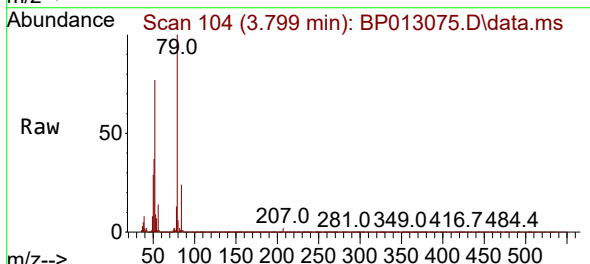
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 BNA_P
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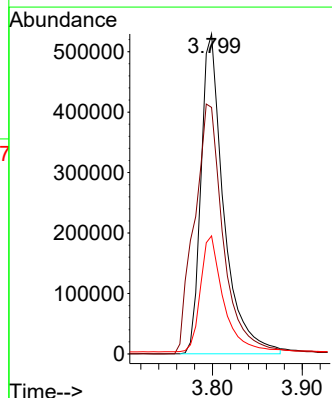
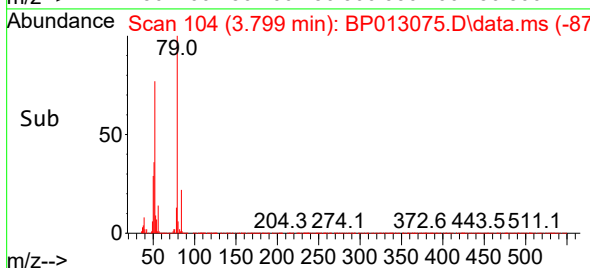
Tgt Ion: 88 Resp: 129459
 Ion Ratio Lower Upper
 88 100
 43 29.2 22.4 33.6
 58 76.4 58.2 87.4

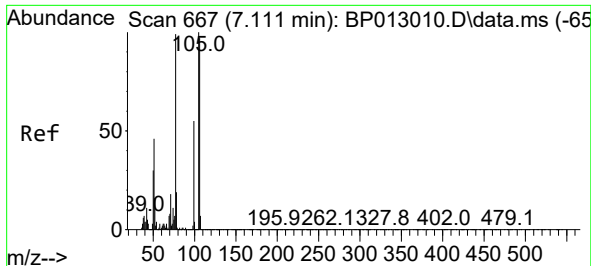


#5
 Pyridine
 Concen: 19.848 ng/uL
 RT: 3.799 min Scan# 104
 Delta R.T. -0.000 min
 Lab File: BP013075.D
 Acq: 11 Dec 2022 11:46



Tgt Ion: 79 Resp: 934427
 Ion Ratio Lower Upper
 79 100
 52 77.1 60.7 91.1
 51 36.9 28.9 43.3

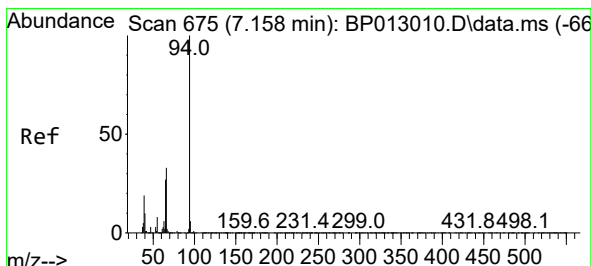
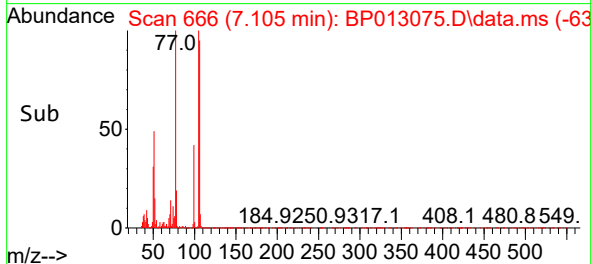
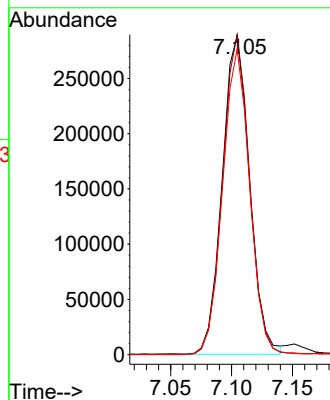
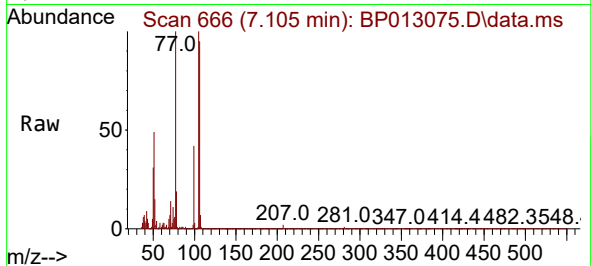




#6
Benzaldehyde
Concen: 19.802 ng/ul
RT: 7.105 min Scan# 667
Delta R.T. -0.000 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

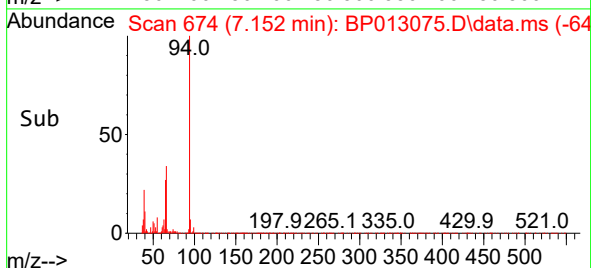
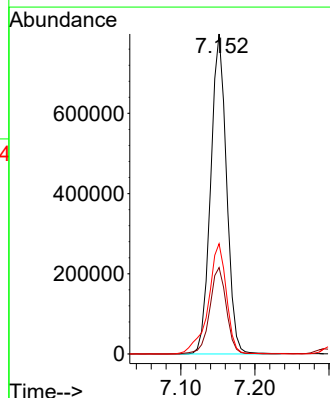
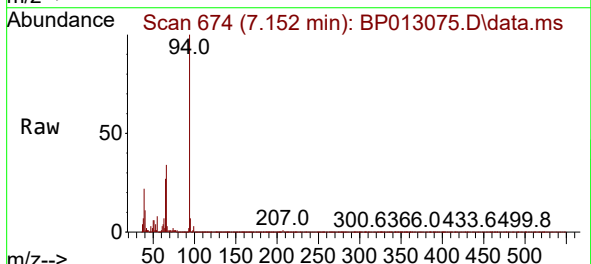
Instrument :
BNA_P
ClientSampleId :

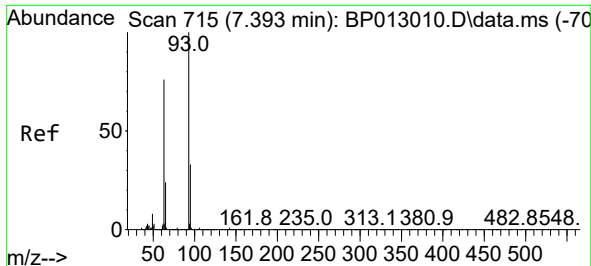
Tgt Ion: 77 Resp: 450300
Ion Ratio Lower Upper
77 100
105 100.3 81.5 122.3
106 95.7 76.9 115.3



#8
Phenol
Concen: 20.164 ng/ul
RT: 7.152 min Scan# 674
Delta R.T. -0.000 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

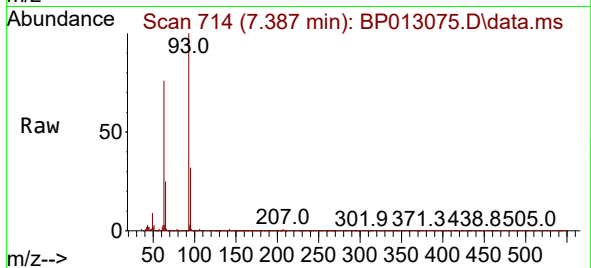
Tgt Ion: 94 Resp: 1183969
Ion Ratio Lower Upper
94 100
65 27.0 21.1 31.7
66 34.5 27.0 40.6



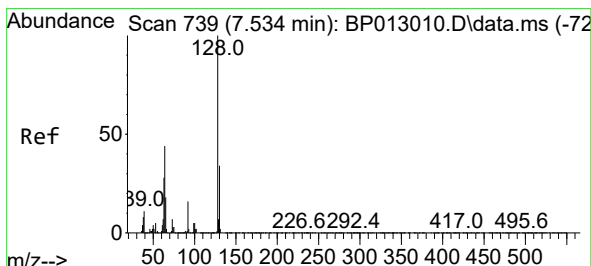
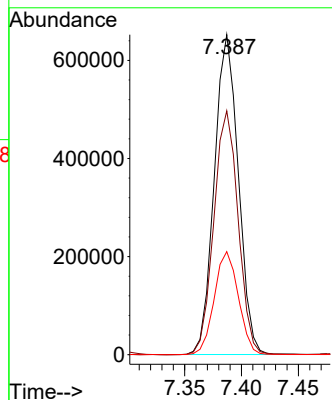
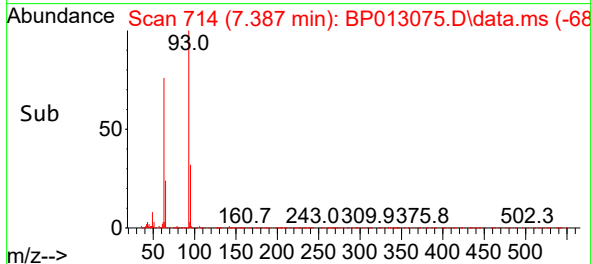


#10
Bis(2-Chloroethyl)ether
Concen: 19.906 ng/ul
RT: 7.387 min Scan# 715
Delta R.T. -0.000 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

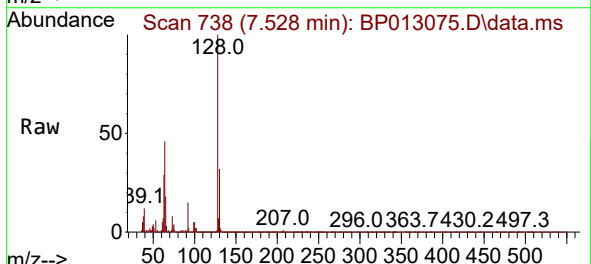
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BNA_P
ClientSampleId :



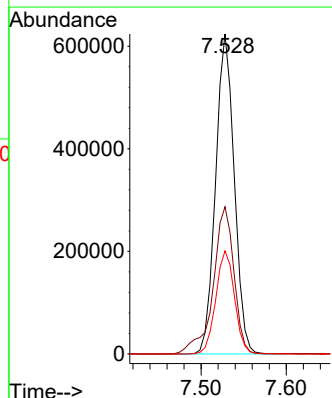
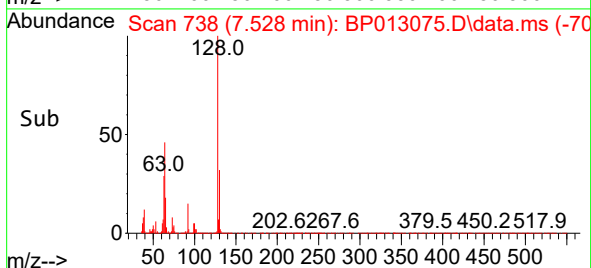
Tgt Ion: 93 Resp: 959317
Ion Ratio Lower Upper
93 100
63 76.2 59.8 89.8
95 32.2 26.4 39.6

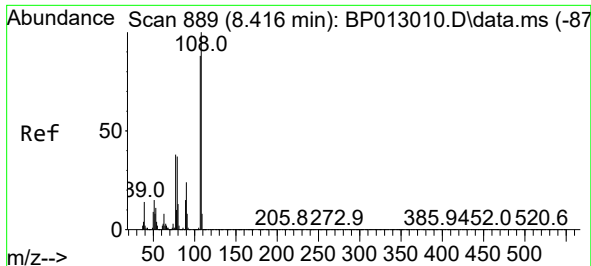


#12
2-Chlorophenol
Concen: 20.273 ng/ul
RT: 7.528 min Scan# 738
Delta R.T. -0.006 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46



Tgt Ion:128 Resp: 950397
Ion Ratio Lower Upper
128 100
64 46.0 34.9 52.3
130 32.2 25.8 38.6





#13

2-Methylphenol

Concen: 19.635 ng/ul

RT: 8.410 min Scan# 8

Delta R.T. -0.000 min

Lab File: BP013075.D

Acq: 11 Dec 2022 11:46

Instrument :

BNA_P

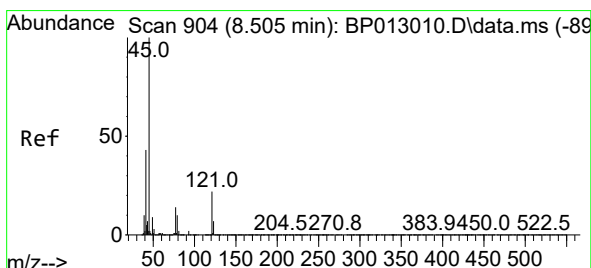
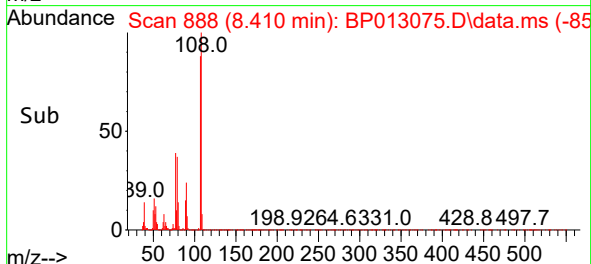
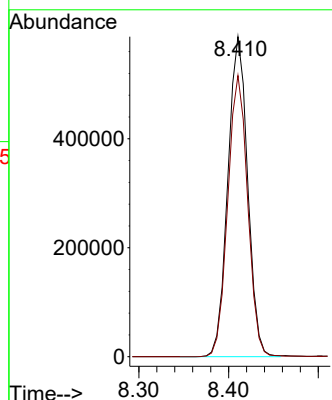
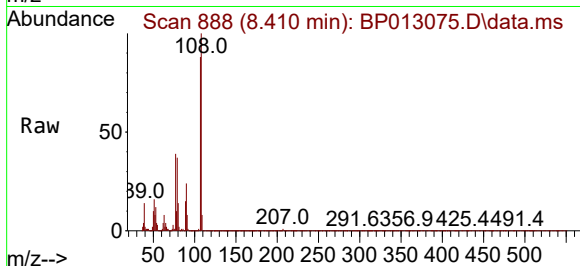
ClientSampleId :

Tgt Ion:108 Resp: 898828

Ion Ratio Lower Upper

108 100

107 87.9 69.1 103.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 20.829 ng/ul

RT: 8.499 min Scan# 903

Delta R.T. -0.006 min

Lab File: BP013075.D

Acq: 11 Dec 2022 11:46

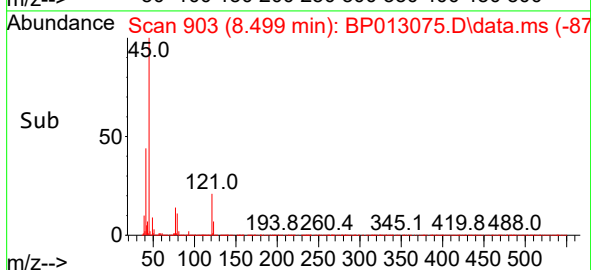
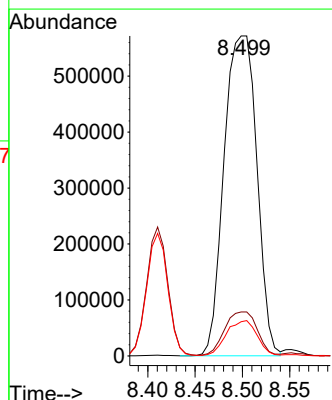
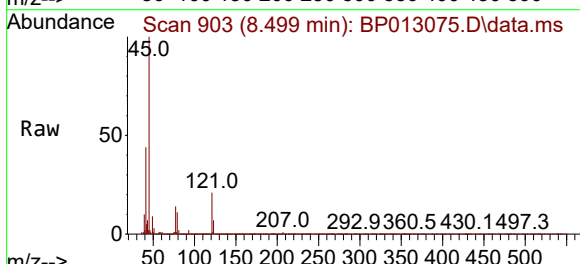
Tgt Ion: 45 Resp: 1377483

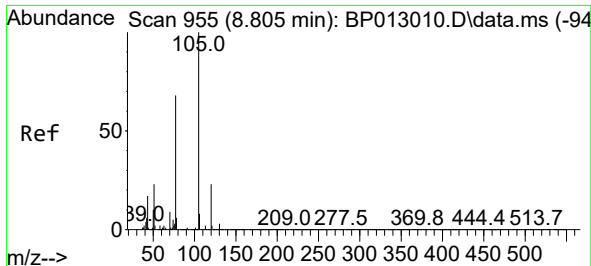
Ion Ratio Lower Upper

45 100

77 13.8 11.0 16.6

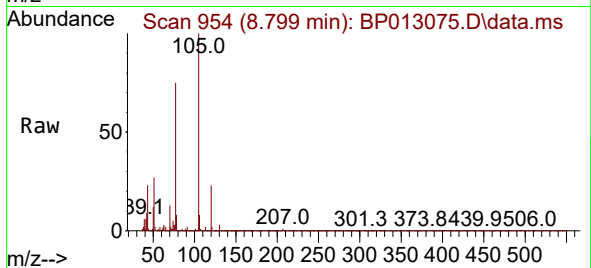
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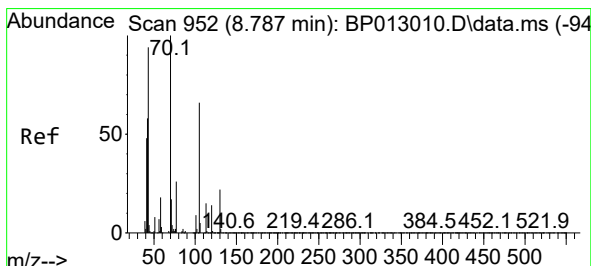
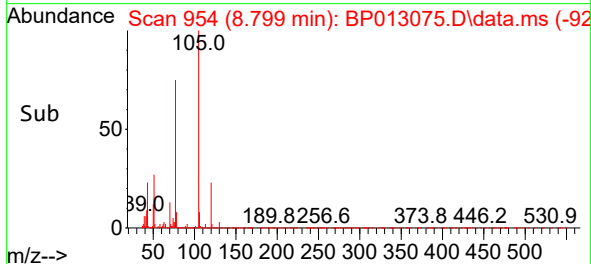
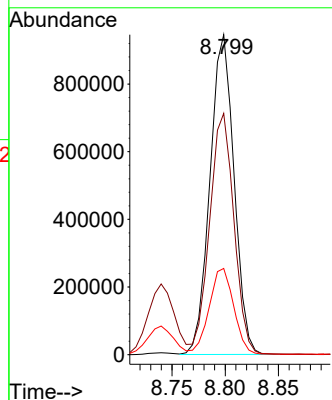


#16
Acetophenone
Concen: 20.360 ng/ul
RT: 8.799 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

Instrument :
BNA_P
ClientSampleId :

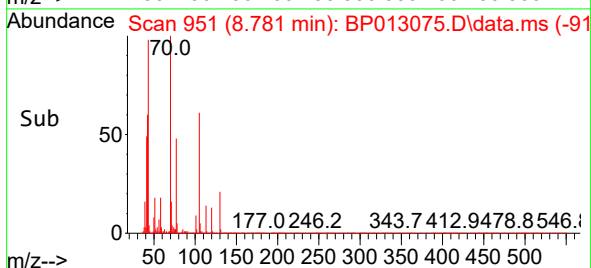
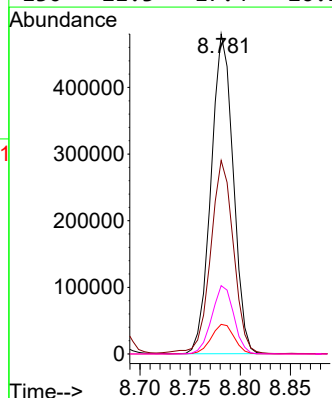
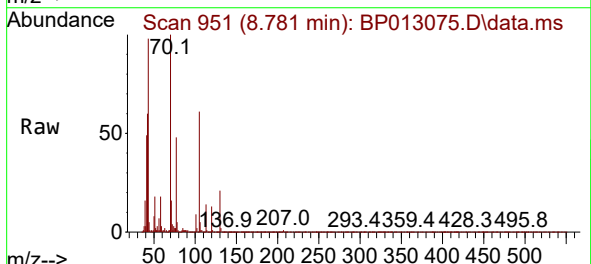


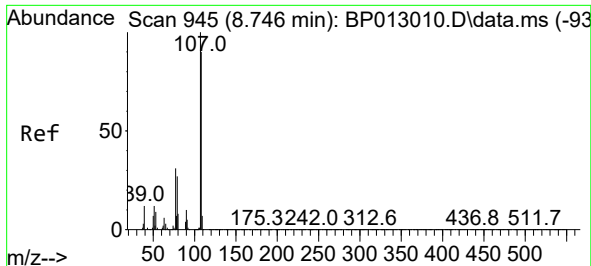
Tgt Ion:105 Resp: 1485452
Ion Ratio Lower Upper
105 100
77 75.4 59.3 88.9
51 27.0 19.6 29.4



#17
N-Nitroso-di-n-propylamine
Concen: 20.121 ng/ul
RT: 8.781 min Scan# 951
Delta R.T. -0.006 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

Tgt Ion: 70 Resp: 738217
Ion Ratio Lower Upper
70 100
42 60.5 45.5 68.3
101 9.2 7.9 11.9
130 21.3 17.4 26.2

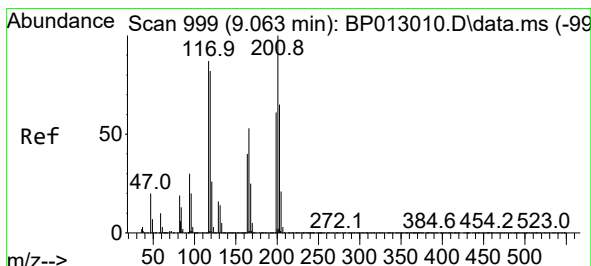
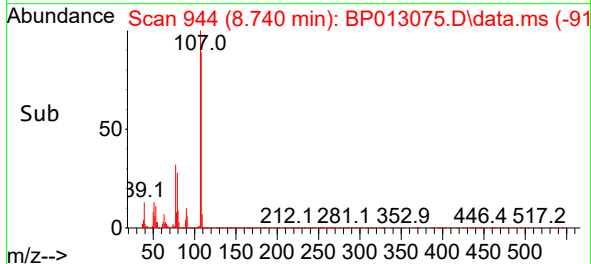
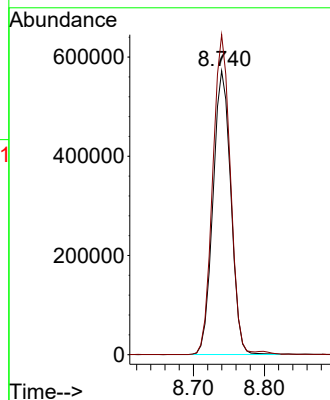
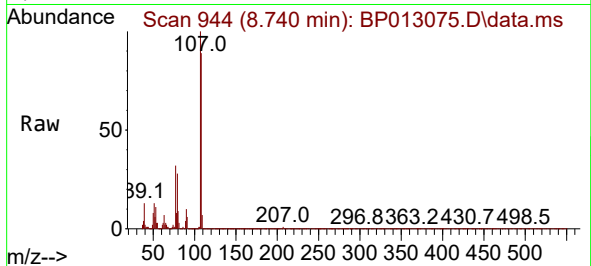




#18
4-Methylphenol
Concen: 19.674 ng/ul
RT: 8.740 min Scan# 945
Delta R.T. -0.000 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

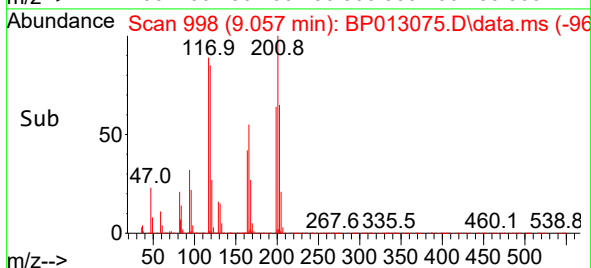
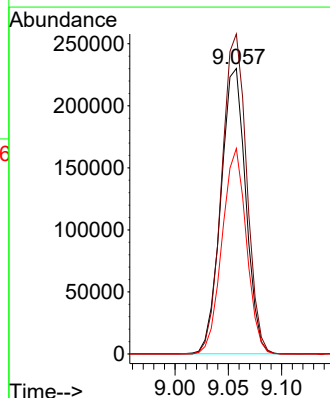
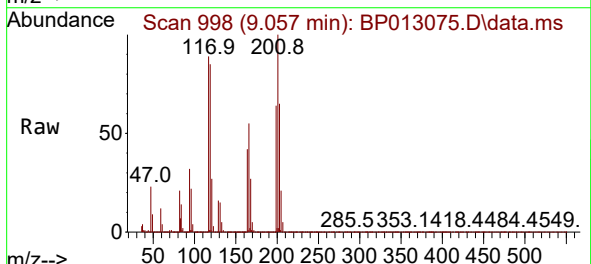
Instrument :
BNA_P
ClientSampleId :

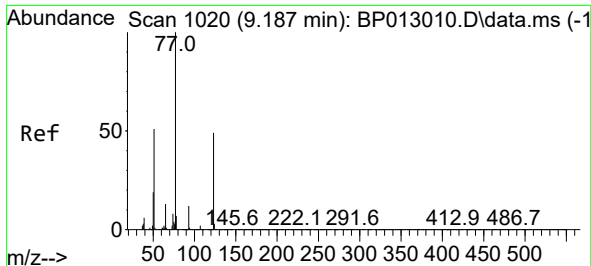
Tgt Ion:108 Resp: 997552
Ion Ratio Lower Upper
108 100
107 112.7 87.4 131.2



#19
Hexachloroethane
Concen: 19.942 ng/ul
RT: 9.057 min Scan# 998
Delta R.T. -0.000 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

Tgt Ion:117 Resp: 373608
Ion Ratio Lower Upper
117 100
201 112.1 93.7 140.5
199 72.0 58.6 88.0

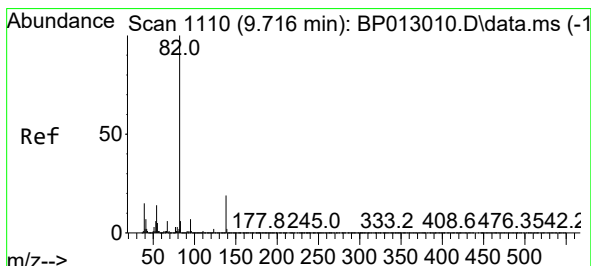
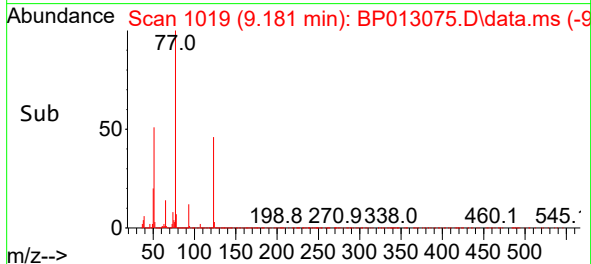
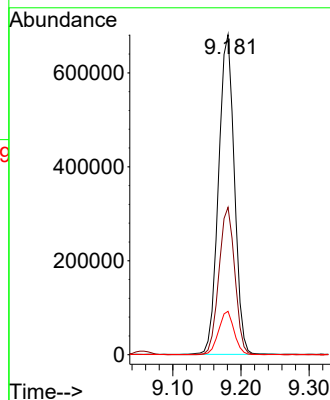
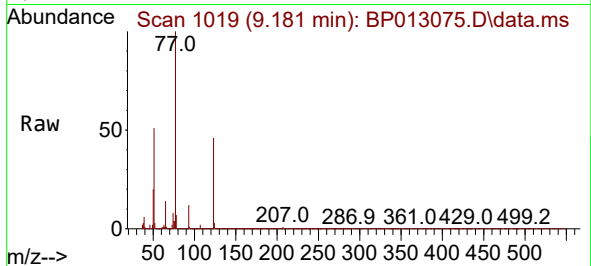




#22
Nitrobenzene
Concen: 21.065 ng/ul
RT: 9.181 min Scan# 1109
Delta R.T. -0.000 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

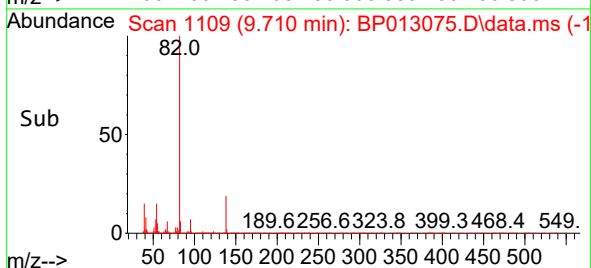
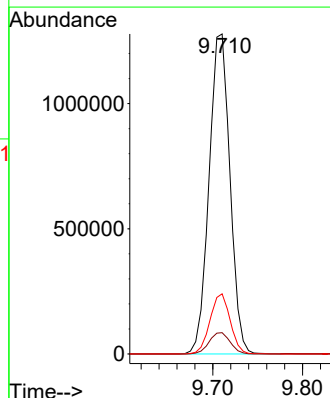
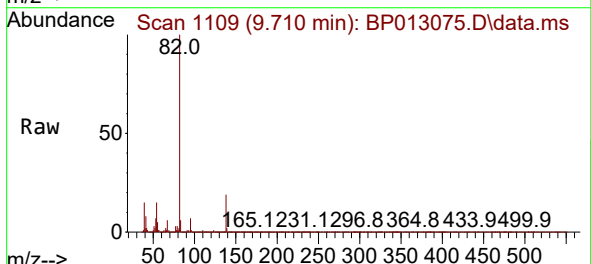
Instrument :
BNA_P
ClientSampleId :

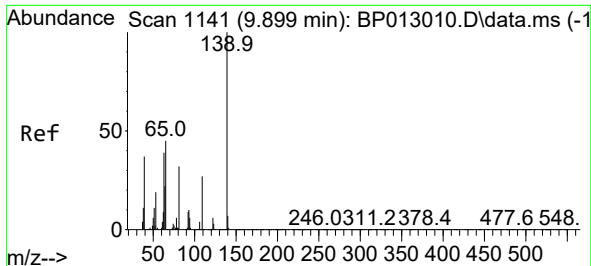
Tgt Ion: 77 Resp: 1100005
Ion Ratio Lower Upper
77 100
123 46.1 38.3 57.5
65 13.5 10.3 15.5



#23
Isophorone
Concen: 19.560 ng/ul
RT: 9.710 min Scan# 1109
Delta R.T. -0.000 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

Tgt Ion: 82 Resp: 2065341
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.2
138 18.8 15.3 22.9

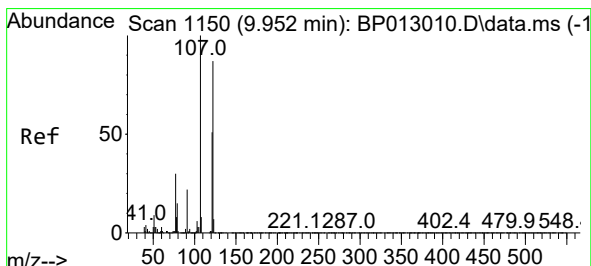
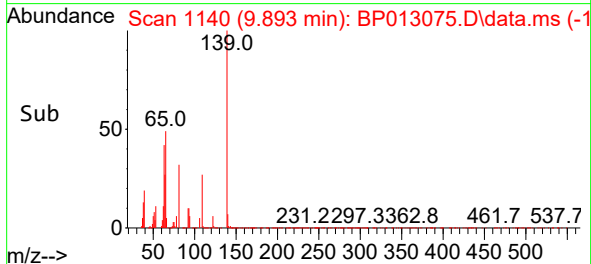
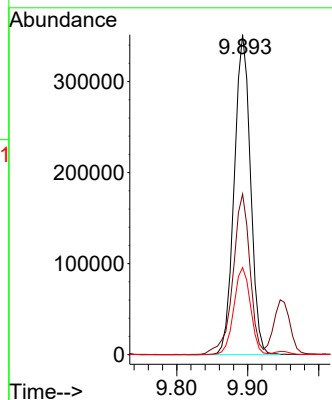
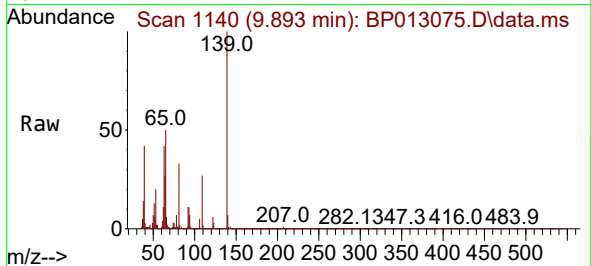




#25
2-Nitrophenol
Concen: 20.637 ng/ul
RT: 9.893 min Scan# 1140
Delta R.T. -0.000 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

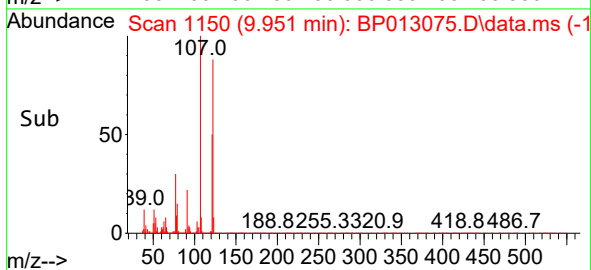
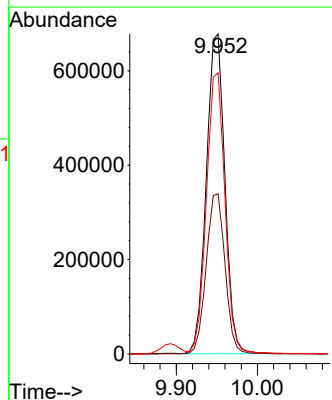
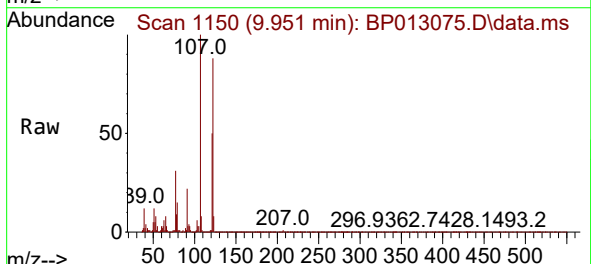
Instrument :
BNA_P
ClientSampleId :

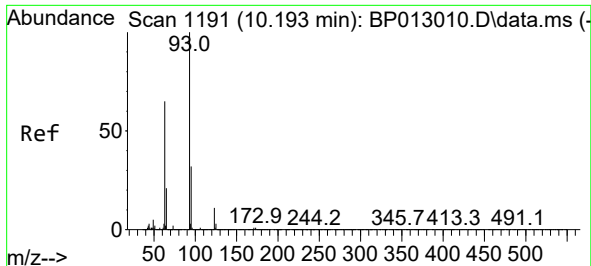
Tgt Ion:139 Resp: 560197
Ion Ratio Lower Upper
139 100
65 50.2 36.6 54.8
109 27.2 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 20.343 ng/ul
RT: 9.951 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

Tgt Ion:107 Resp: 1077492
Ion Ratio Lower Upper
107 100
121 50.1 41.8 62.6
122 87.9 72.6 108.8

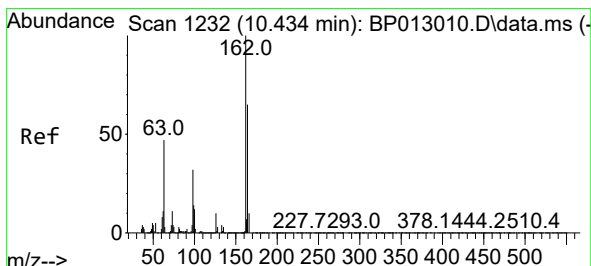
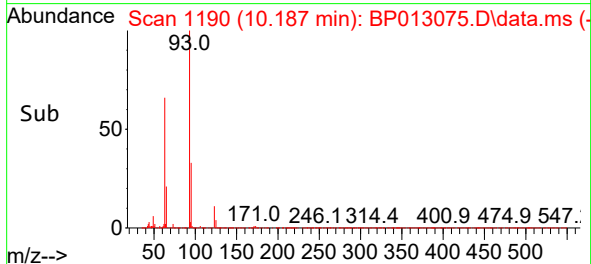
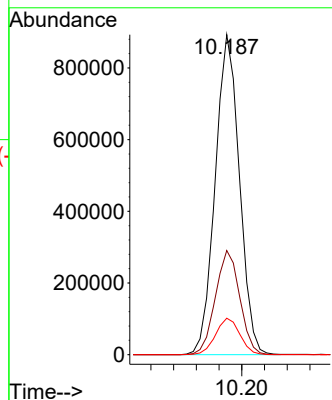
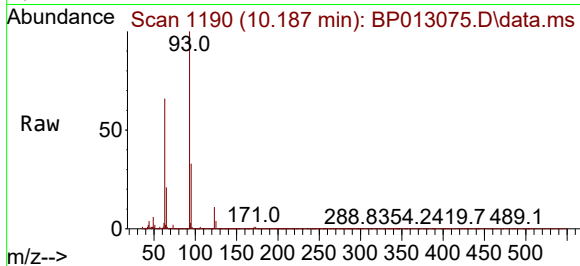




#27
 Bis(2-Chloroethoxy)methane
 Concen: 19.576 ng/ul
 RT: 10.187 min Scan# 1190
 Delta R.T. -0.006 min
 Lab File: BP013075.D
 Acq: 11 Dec 2022 11:46

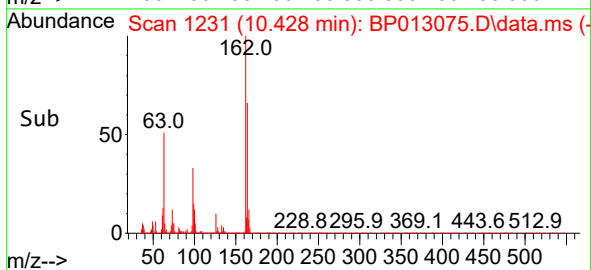
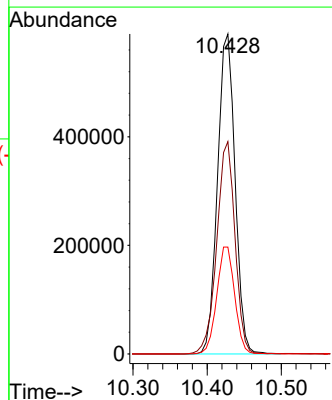
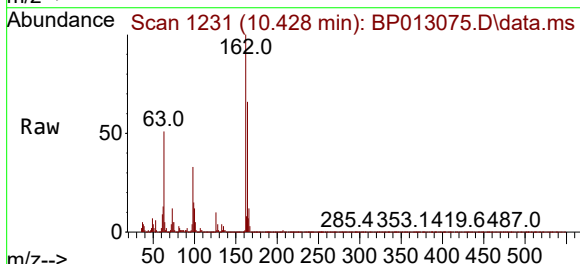
Instrument :
 BNA_P
 ClientSampleId :

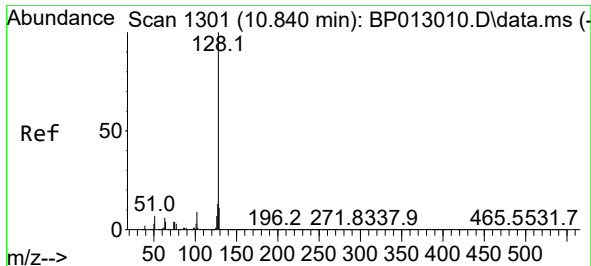
Tgt Ion: 93 Resp: 1321689
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.0 39.0
 123 11.4 9.2 13.8



#29
 2,4-Dichlorophenol
 Concen: 20.341 ng/ul
 RT: 10.428 min Scan# 1231
 Delta R.T. -0.000 min
 Lab File: BP013075.D
 Acq: 11 Dec 2022 11:46

Tgt Ion:162 Resp: 969628
 Ion Ratio Lower Upper
 162 100
 164 66.4 52.5 78.7
 98 33.4 26.6 39.8

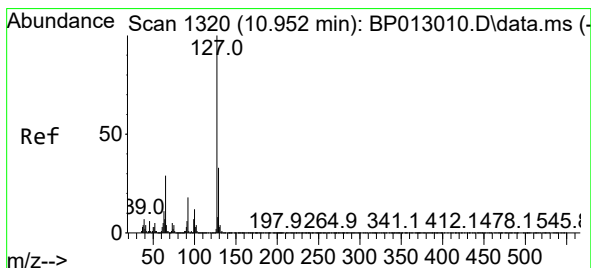
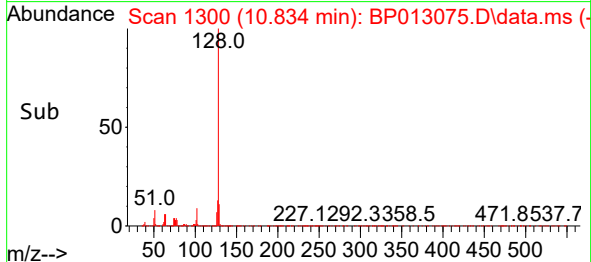
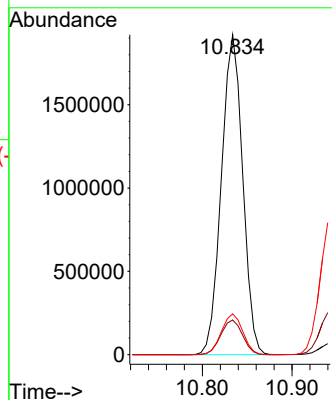
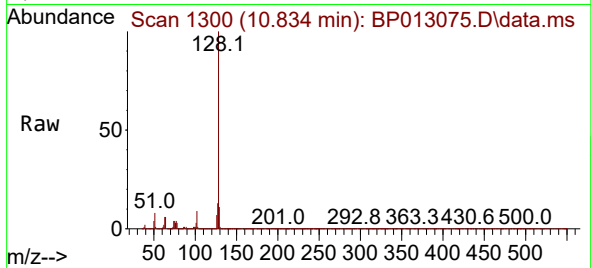




#30
Naphthalene
Concen: 19.946 ng/ul
RT: 10.834 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

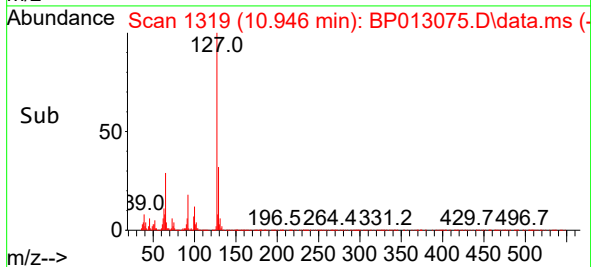
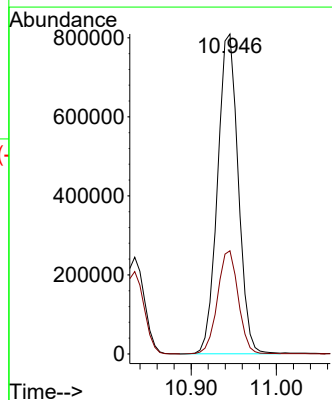
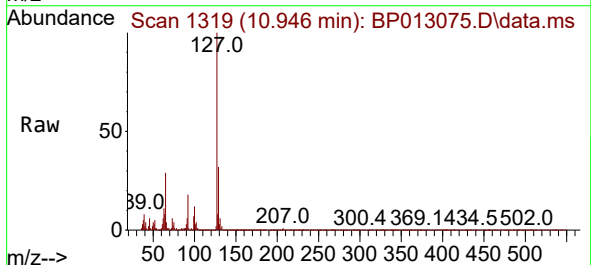
Instrument :
BNA_P
ClientSampleId :

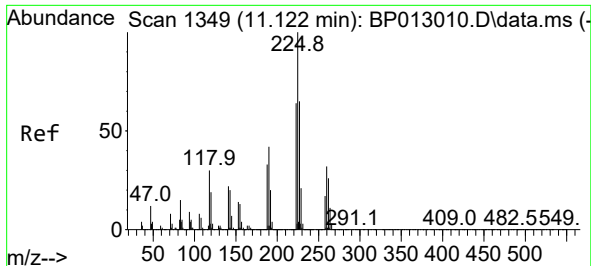
Tgt Ion:128 Resp: 3159542
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.7 10.4 15.6



#32
4-Chloroaniline
Concen: 20.092 ng/ul
RT: 10.946 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

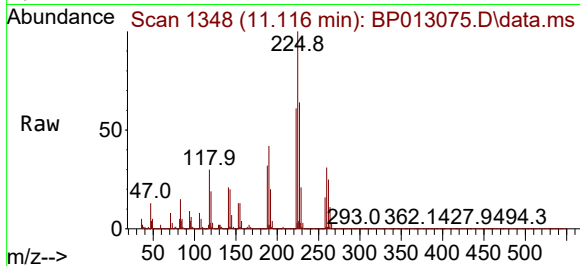
Tgt Ion:127 Resp: 1365906
Ion Ratio Lower Upper
127 100
129 32.2 25.6 38.4



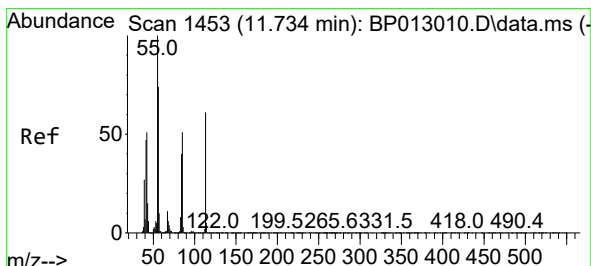
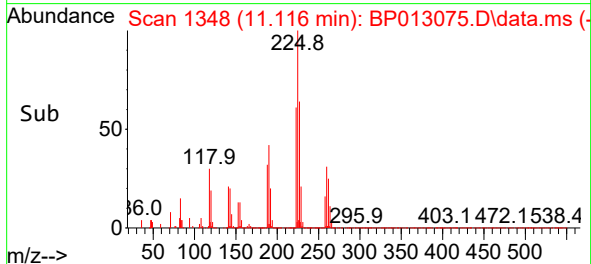
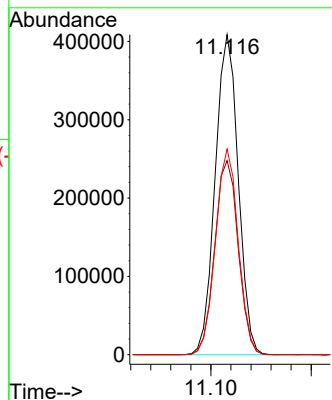


#33
Hexachlorobutadiene
Concen: 19.868 ng/ul
RT: 11.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

Instrument :
BNA_P
ClientSampleId :

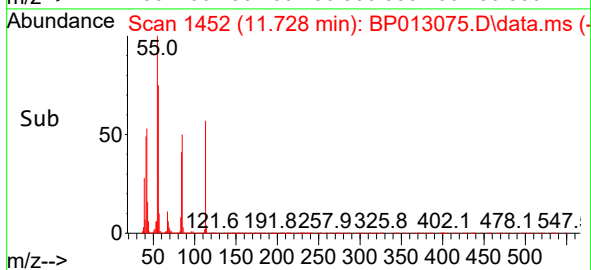
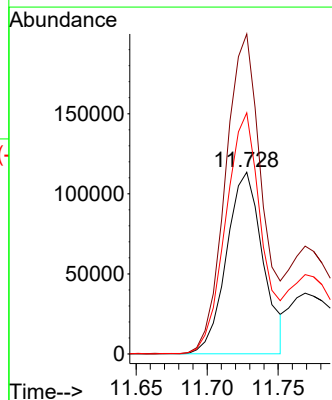
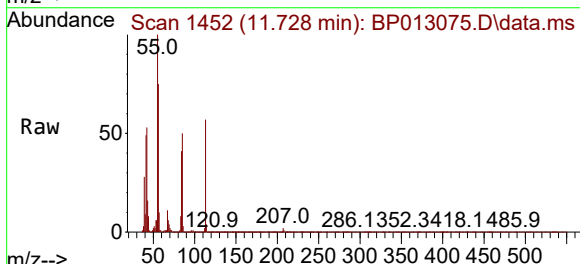


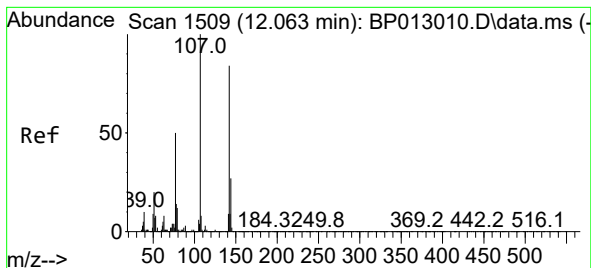
Tgt Ion:225 Resp: 650258
Ion Ratio Lower Upper
225 100
223 60.7 49.2 73.8
227 64.3 50.2 75.2



#34
Caprolactam
Concen: 12.420 ng/ul
RT: 11.728 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

Tgt Ion:113 Resp: 201869
Ion Ratio Lower Upper
113 100
55 176.1 141.9 212.9
56 132.6 99.6 149.4

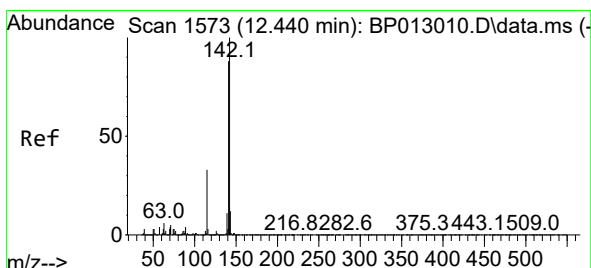
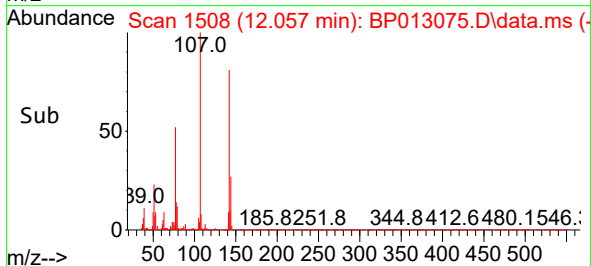
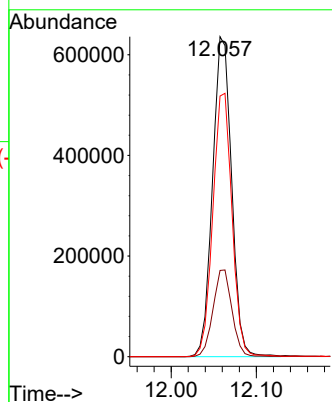
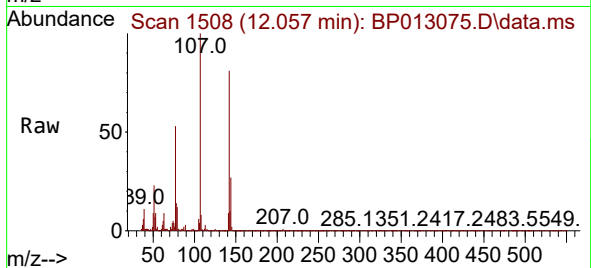




#35
4-Chloro-3-methylphenol
Concen: 20.325 ng/ul
RT: 12.057 min Scan# 1508
Delta R.T. -0.006 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

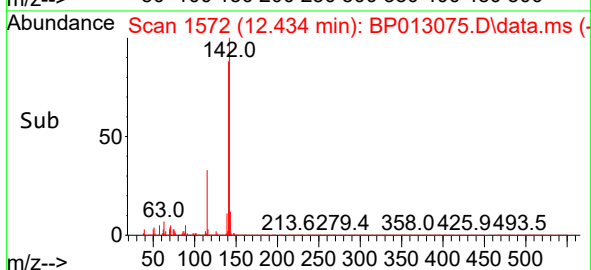
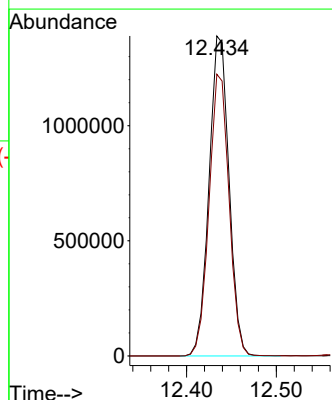
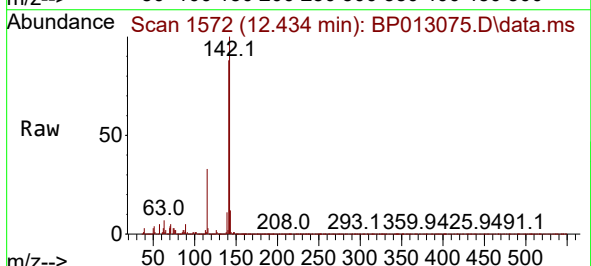
Instrument :
BNA_P
ClientSampleId :

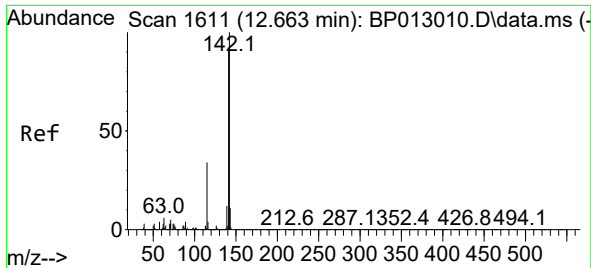
Tgt Ion:107 Resp: 988753
Ion Ratio Lower Upper
107 100
144 26.9 21.4 32.2
142 81.4 65.8 98.6



#36
2-Methylnaphthalene
Concen: 19.741 ng/ul
RT: 12.434 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

Tgt Ion:142 Resp: 2145206
Ion Ratio Lower Upper
142 100
141 88.1 70.8 106.2

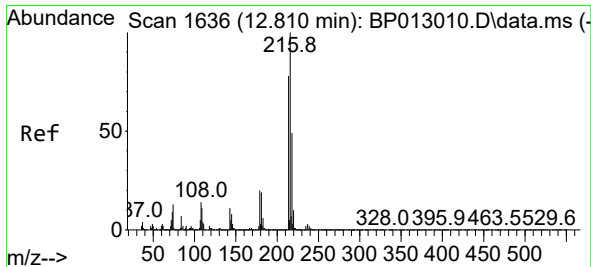
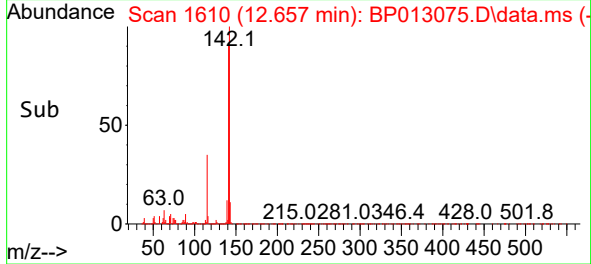
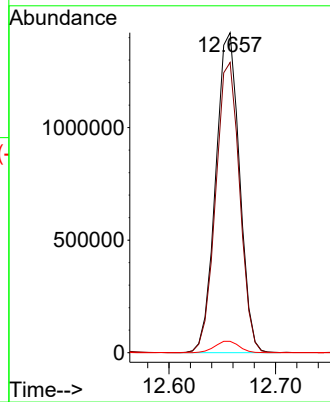
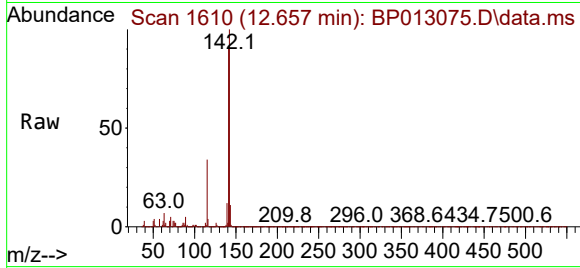




#37
1-Methylnaphthalene
Concen: 19.758 ng/ul
RT: 12.657 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

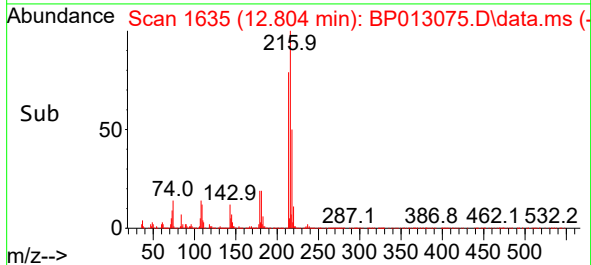
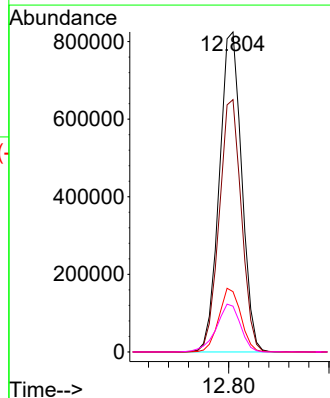
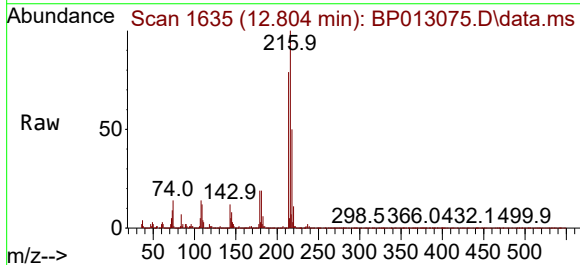
Instrument :
BNA_P
ClientSampleId :

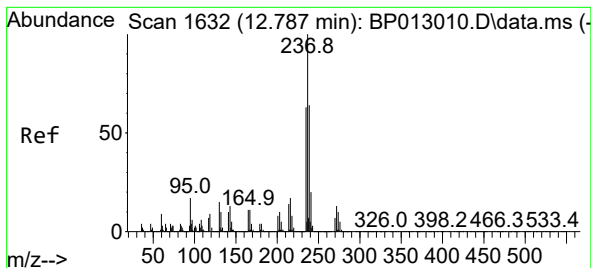
Tgt Ion:142 Resp: 2208107
Ion Ratio Lower Upper
142 100
141 90.7 72.7 109.1
116 3.5 2.7 4.1



#39
1,2,4,5-Tetrachlorobenzene
Concen: 20.107 ng/ul
RT: 12.804 min Scan# 1635
Delta R.T. -0.000 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

Tgt Ion:216 Resp: 1271109
Ion Ratio Lower Upper
216 100
214 78.8 61.9 92.9
179 18.9 15.0 22.6
108 14.3 11.0 16.4





#40

Hexachlorocyclopentadiene

Concen: 14.006 ng/ul

RT: 12.781 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP013075.D

Acq: 11 Dec 2022 11:46

Instrument :

BNA_P

ClientSampleId :

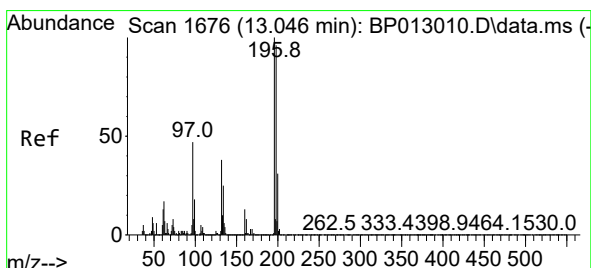
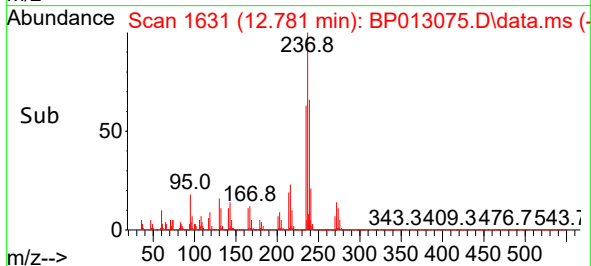
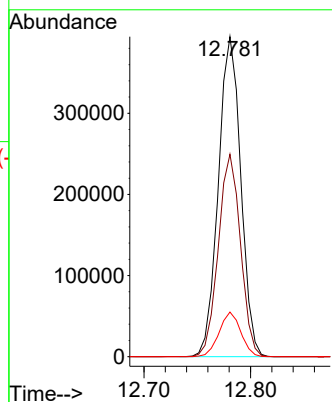
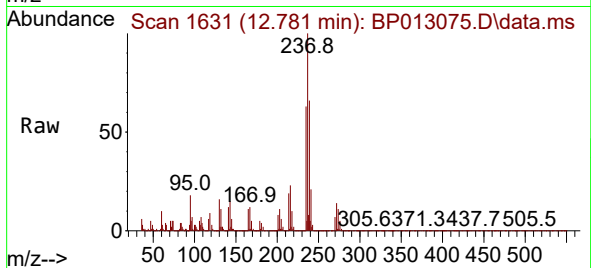
Tgt Ion:237 Resp: 576205

Ion Ratio Lower Upper

237 100

235 63.3 49.7 74.5

272 13.9 10.8 16.2



#41

2,4,6-Trichlorophenol

Concen: 20.192 ng/ul

RT: 13.040 min Scan# 1675

Delta R.T. -0.006 min

Lab File: BP013075.D

Acq: 11 Dec 2022 11:46

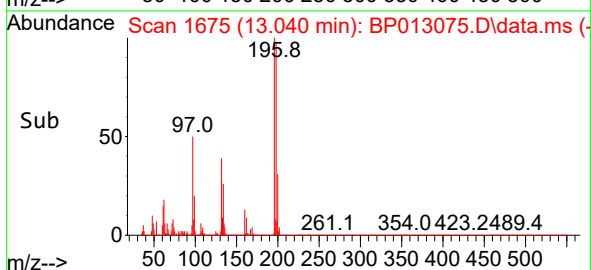
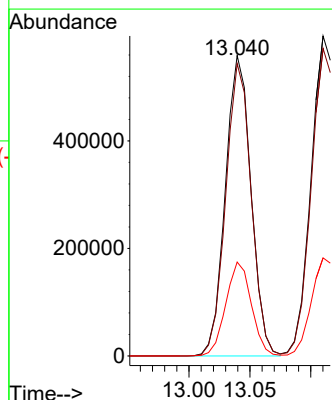
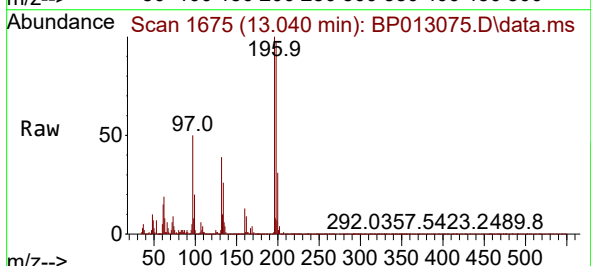
Tgt Ion:196 Resp: 820392

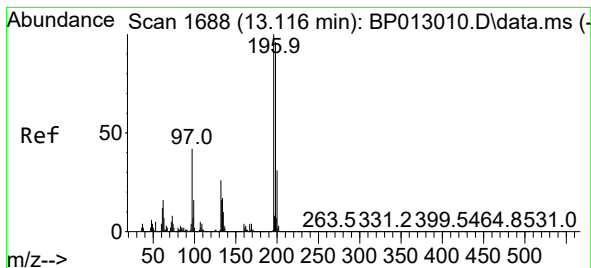
Ion Ratio Lower Upper

196 100

198 97.3 77.0 115.6

200 31.3 25.3 37.9





#42

2,4,5-Trichlorophenol

Concen: 20.518 ng/ul

RT: 13.110 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP013075.D

Acq: 11 Dec 2022 11:46

Instrument :

BNA_P

ClientSampleId :

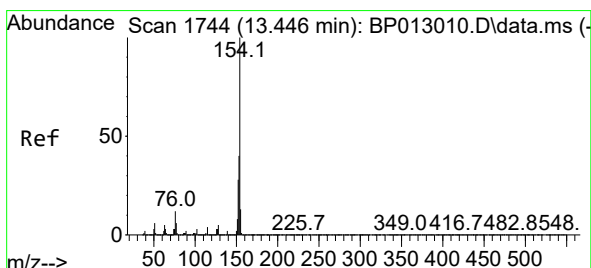
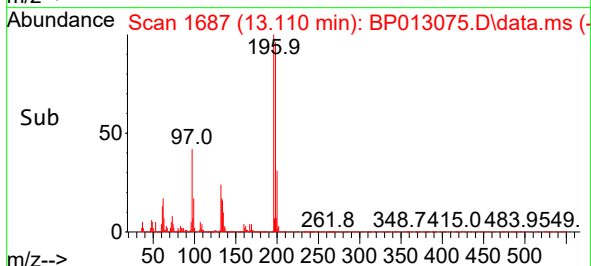
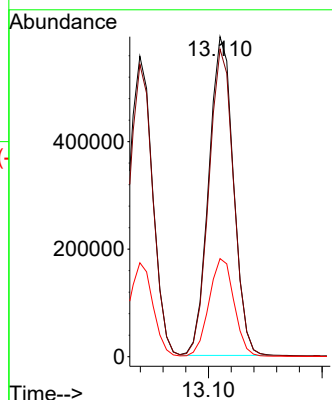
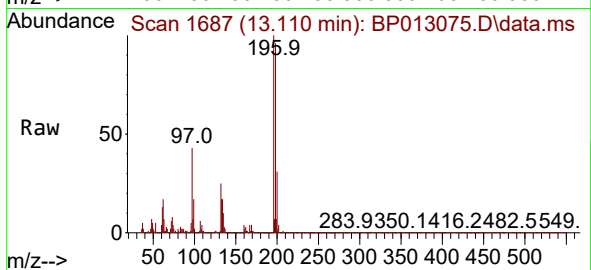
Tgt Ion:196 Resp: 895423

Ion Ratio Lower Upper

196 100

198 96.1 77.1 115.7

200 30.7 25.4 38.2



#43

1,1'-Biphenyl

Concen: 19.832 ng/ul

RT: 13.440 min Scan# 1743

Delta R.T. -0.006 min

Lab File: BP013075.D

Acq: 11 Dec 2022 11:46

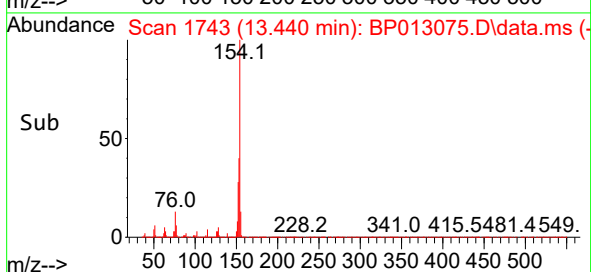
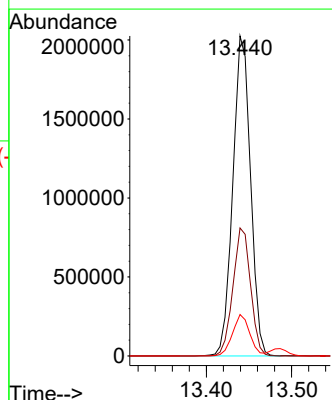
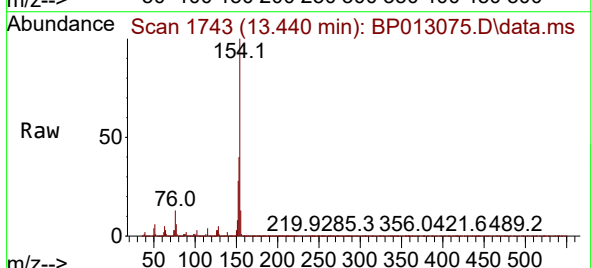
Tgt Ion:154 Resp: 2924270

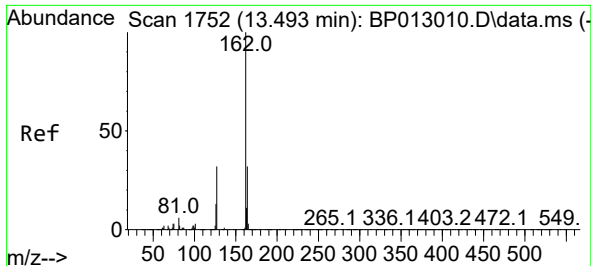
Ion Ratio Lower Upper

154 100

153 40.0 31.5 47.3

76 13.0 9.6 14.4

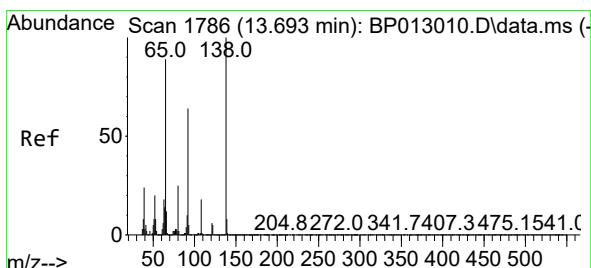
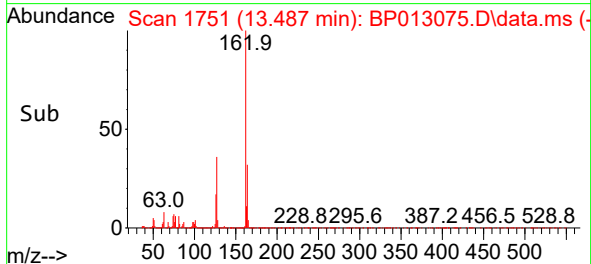
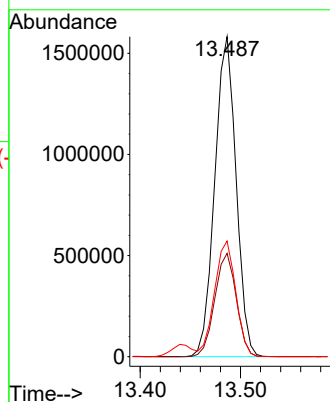
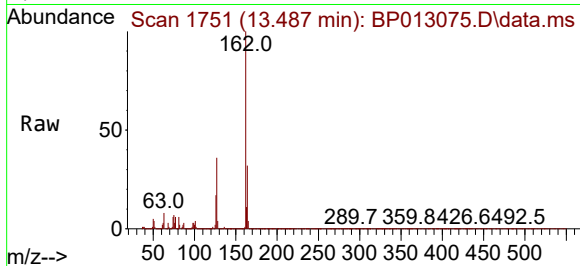




#44
2-Chloronaphthalene
Concen: 20.072 ng/ul
RT: 13.487 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

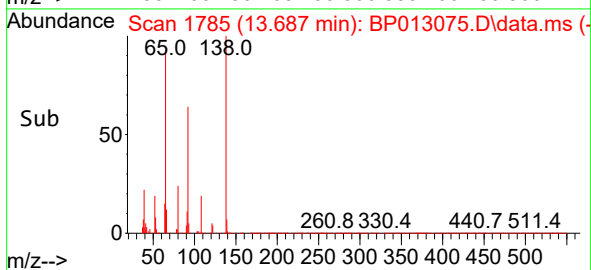
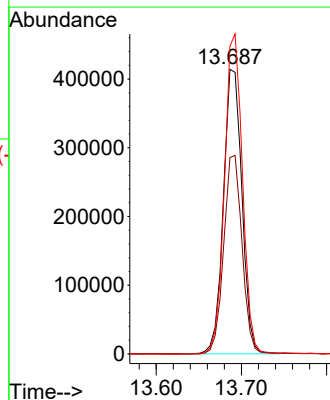
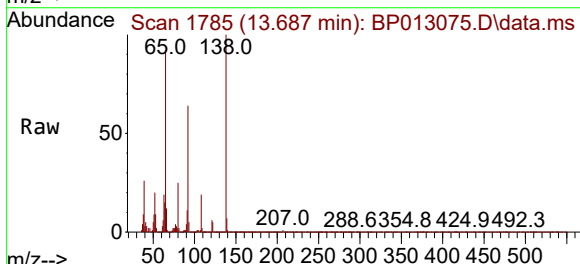
Instrument :
BNA_P
ClientSampleId :

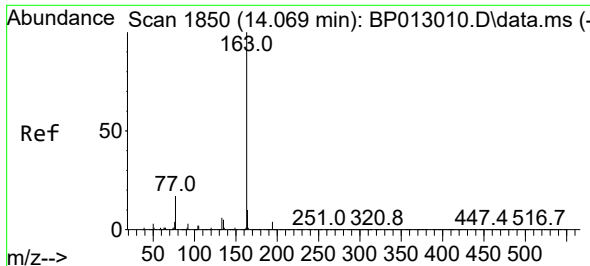
Tgt Ion:162 Resp: 2329403
Ion Ratio Lower Upper
162 100
164 32.3 26.3 39.5
127 36.2 29.3 43.9



#45
2-Nitroaniline
Concen: 22.247 ng/ul
RT: 13.687 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

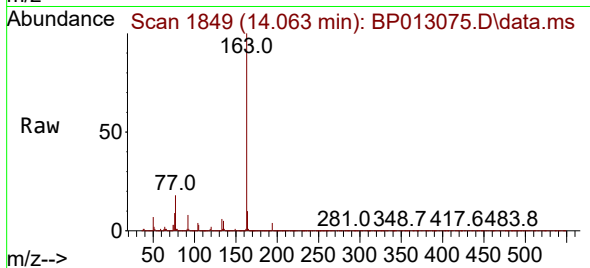
Tgt Ion: 65 Resp: 625965
Ion Ratio Lower Upper
65 100
92 69.0 56.4 84.6
138 108.1 90.3 135.5



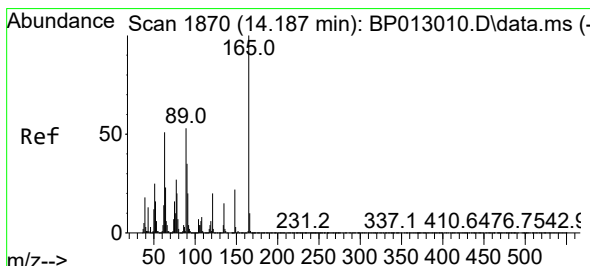
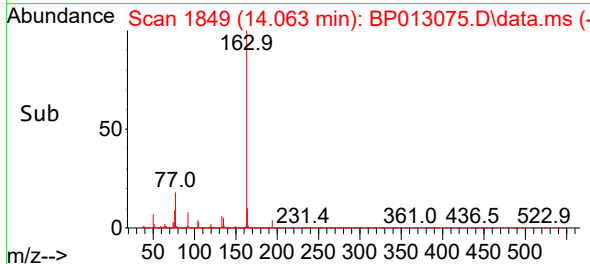
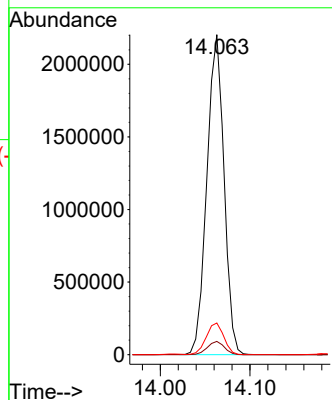


#47
Dimethylphthalate
Concen: 19.555 ng/ul
RT: 14.063 min Scan# 1849
Delta R.T. -0.000 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

Instrument :
BNA_P
ClientSampleId :

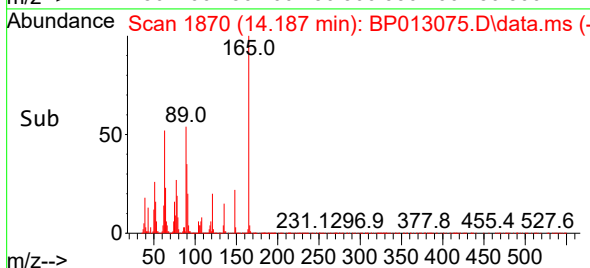
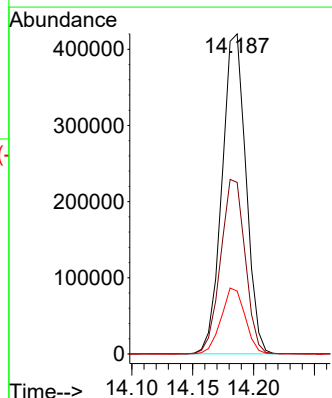
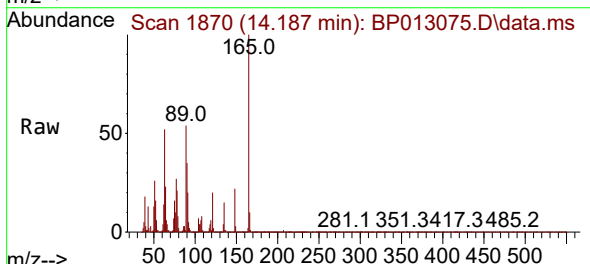


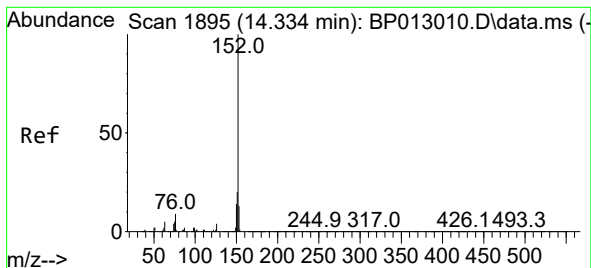
Tgt Ion:163 Resp: 2924543
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 9.9 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 20.693 ng/ul
RT: 14.187 min Scan# 1870
Delta R.T. -0.000 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

Tgt Ion:165 Resp: 575107
Ion Ratio Lower Upper
165 100
89 53.6 43.0 64.4
121 19.6 16.1 24.1





#50

Acenaphthylene

Concen: 20.110 ng/ul

RT: 14.328 min Scan# 1894

Delta R.T. -0.006 min

Lab File: BP013075.D

Acq: 11 Dec 2022 11:46

Instrument :

BNA_P

ClientSampleId :

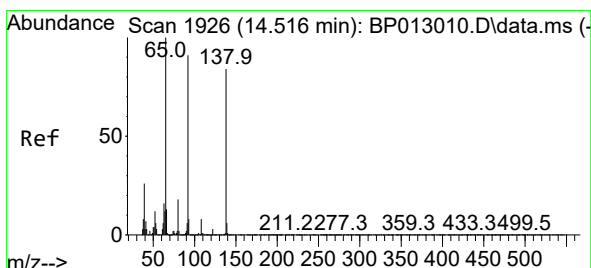
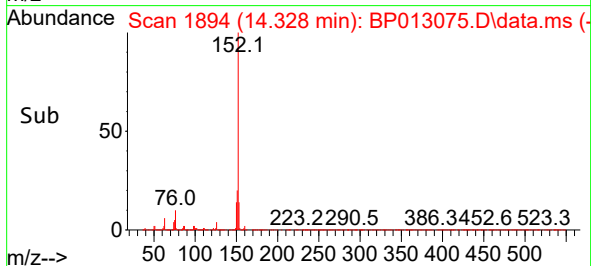
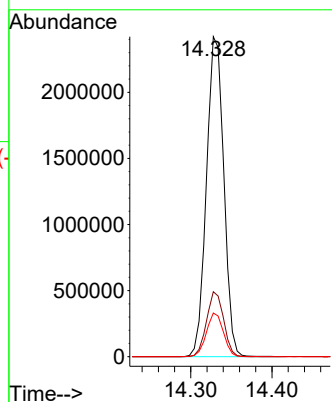
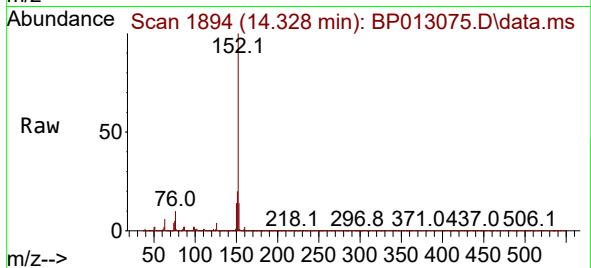
Tgt Ion:152 Resp: 3584654

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.6

153 13.7 10.6 16.0



#51

3-Nitroaniline

Concen: 18.946 ng/ul

RT: 14.510 min Scan# 1925

Delta R.T. -0.006 min

Lab File: BP013075.D

Acq: 11 Dec 2022 11:46

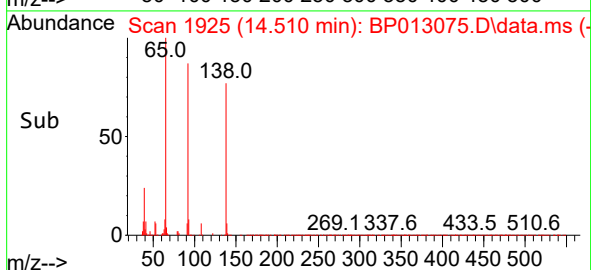
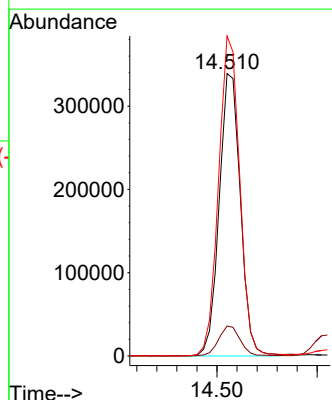
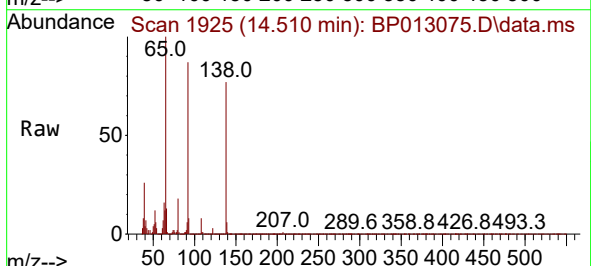
Tgt Ion:138 Resp: 497215

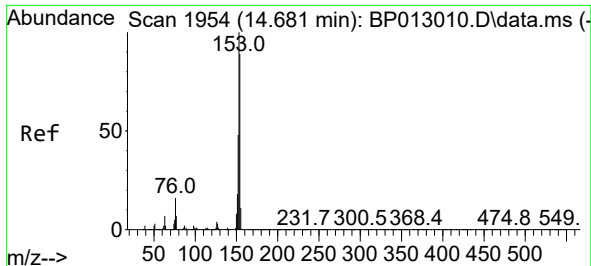
Ion Ratio Lower Upper

138 100

108 10.6 8.6 13.0

92 113.3 88.4 132.6

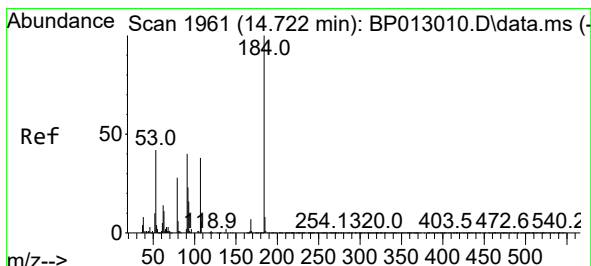
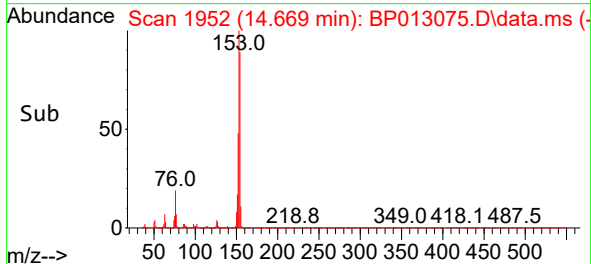
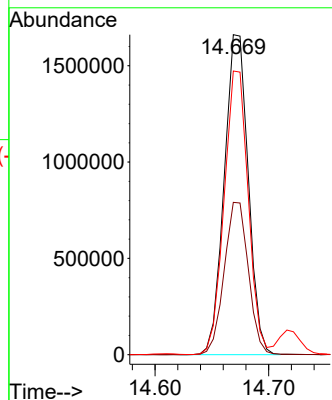
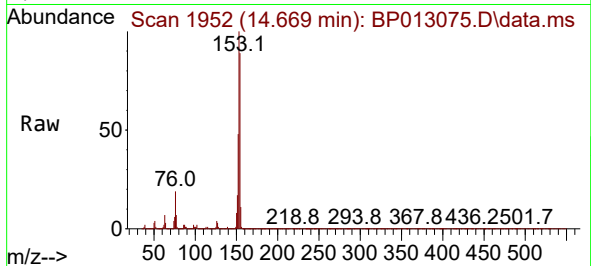




#52
Acenaphthene
Concen: 19.772 ng/ul
RT: 14.669 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

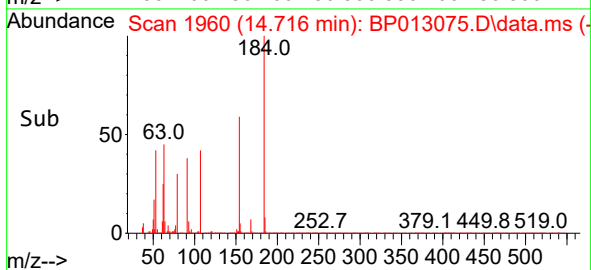
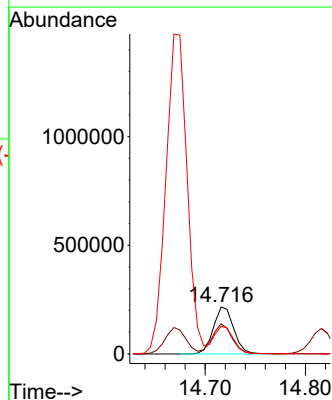
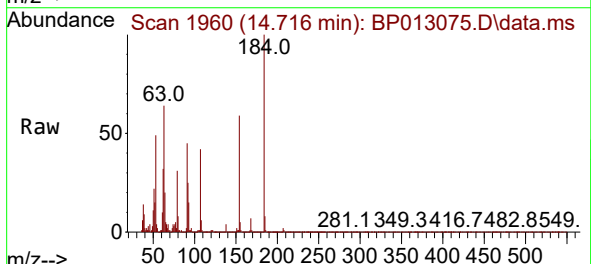
Instrument :
BNA_P
ClientSampleId :

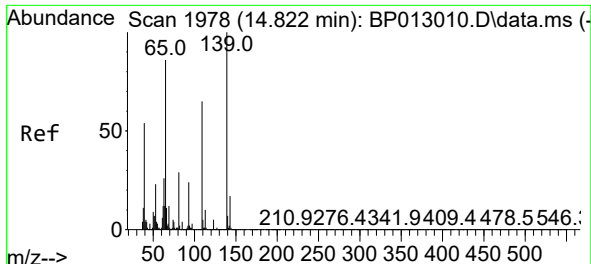
Tgt Ion:153 Resp: 2442292
Ion Ratio Lower Upper
153 100
152 47.6 38.2 57.4
154 88.6 70.8 106.2



#53
2,4-Dinitrophenol
Concen: 16.090 ng/ul
RT: 14.716 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

Tgt Ion:184 Resp: 305678
Ion Ratio Lower Upper
184 100
63 64.0 48.4 72.6
154 59.3 45.5 68.3

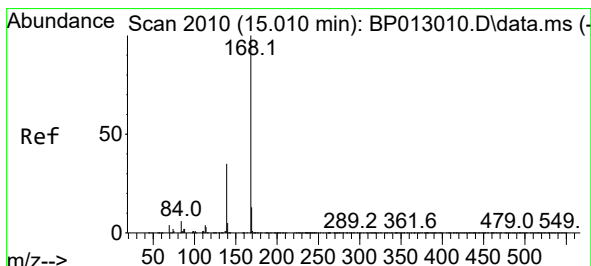
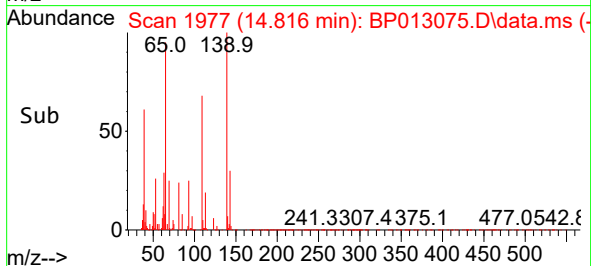
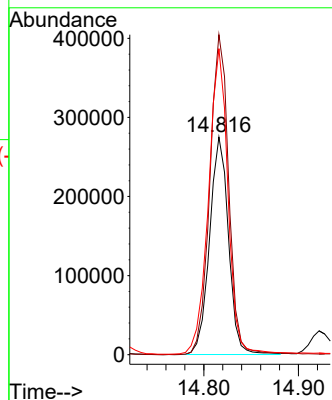
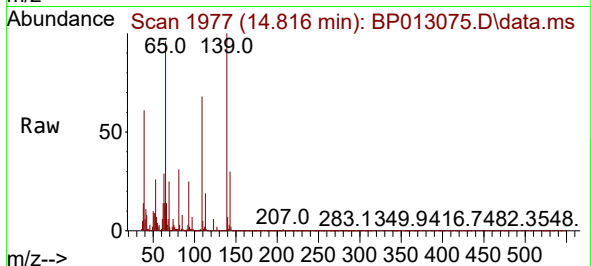




#55
4-Nitrophenol
Concen: 20.665 ng/ul
RT: 14.816 min Scan# 1978
Delta R.T. -0.000 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

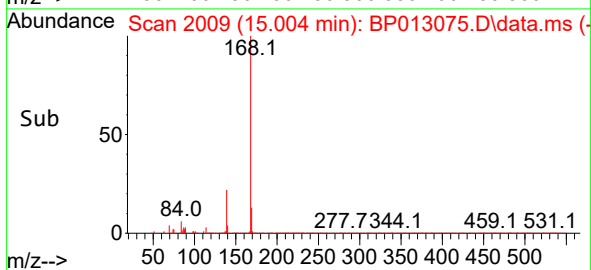
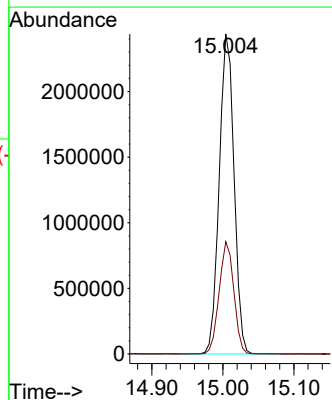
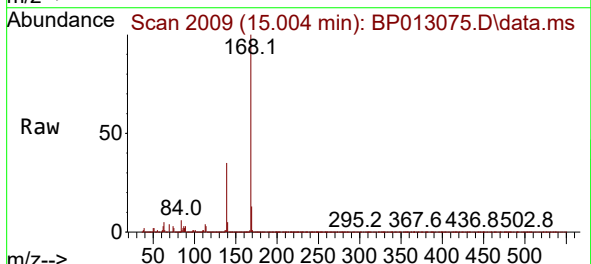
Instrument :
BNA_P
ClientSampleId :

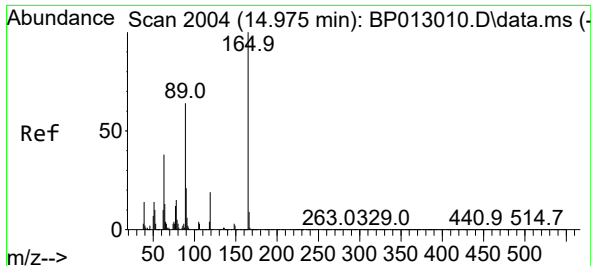
Tgt Ion:109 Resp: 382712
Ion Ratio Lower Upper
109 100
139 147.1 120.8 181.2
65 140.6 107.9 161.9



#56
Dibenzofuran
Concen: 20.007 ng/ul
RT: 15.004 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

Tgt Ion:168 Resp: 3513697
Ion Ratio Lower Upper
168 100
139 35.1 27.9 41.9

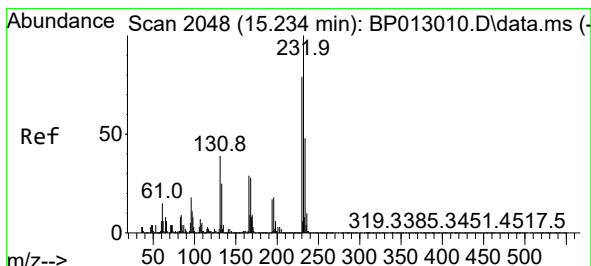
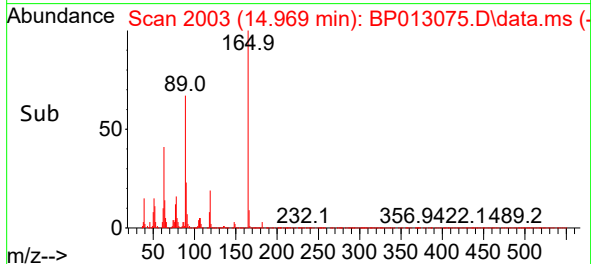
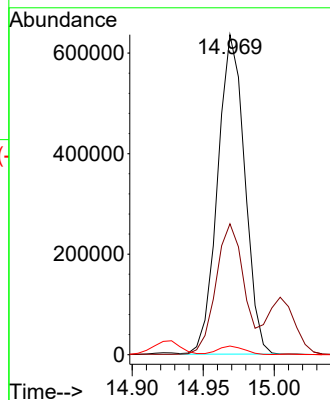
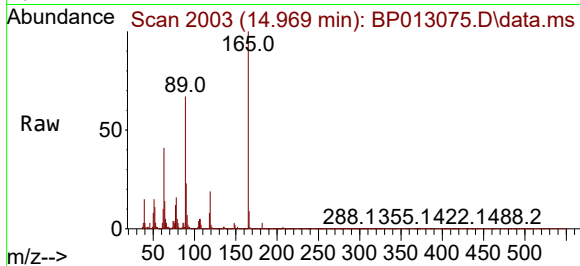




#57
2,4-Dinitrotoluene
Concen: 20.868 ng/ul
RT: 14.969 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

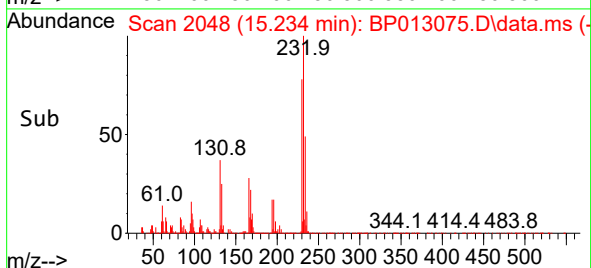
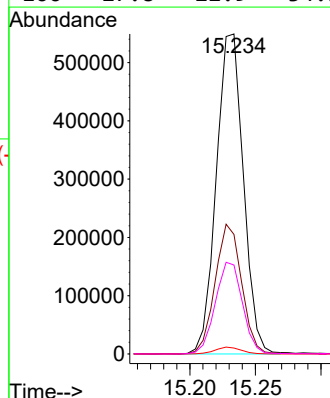
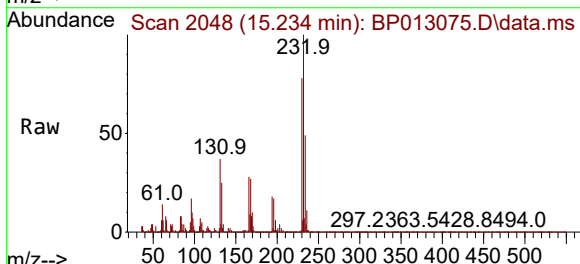
Instrument :
BNA_P
ClientSampleId :

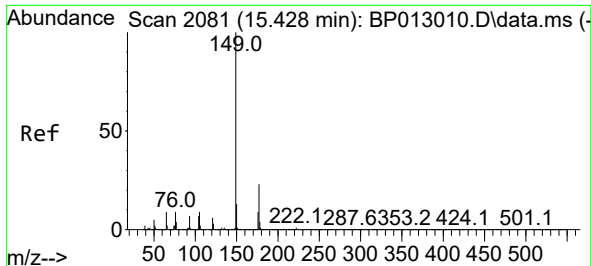
Tgt Ion:165 Resp: 842482
Ion Ratio Lower Upper
165 100
63 40.9 31.8 47.6
182 2.7 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 19.766 ng/ul
RT: 15.234 min Scan# 2048
Delta R.T. -0.000 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

Tgt Ion:232 Resp: 787227
Ion Ratio Lower Upper
232 100
131 37.4 31.8 47.6
130 1.9 1.8 2.6
166 27.8 22.9 34.3

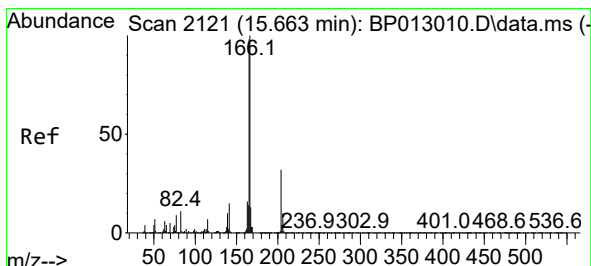
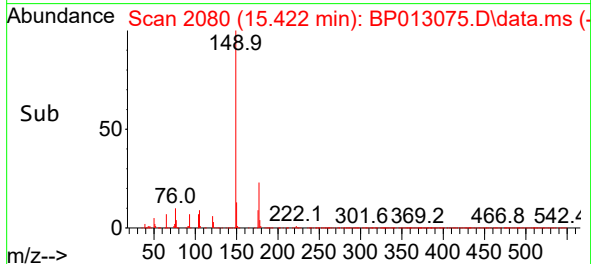
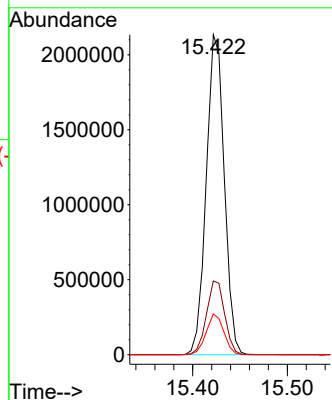
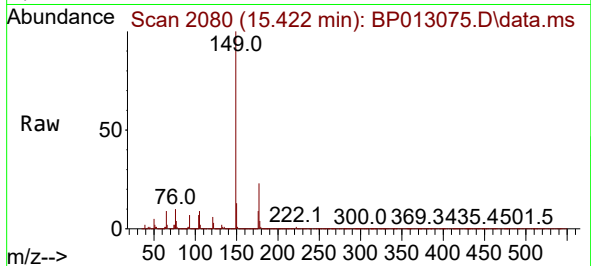




#59
Diethylphthalate
Concen: 19.422 ng/ul
RT: 15.422 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

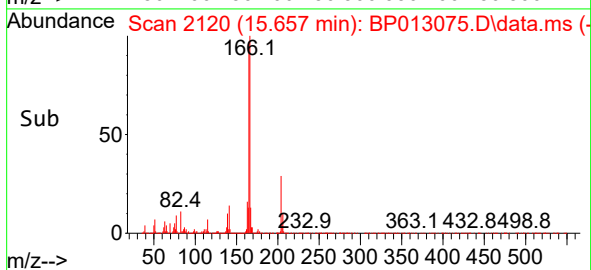
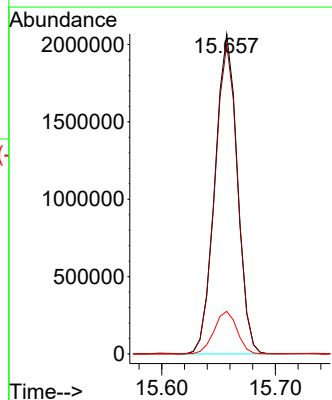
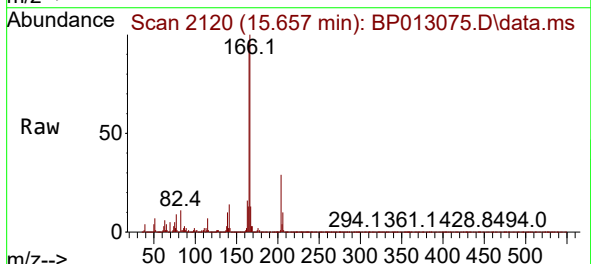
Instrument :
BNA_P
ClientSampleId :

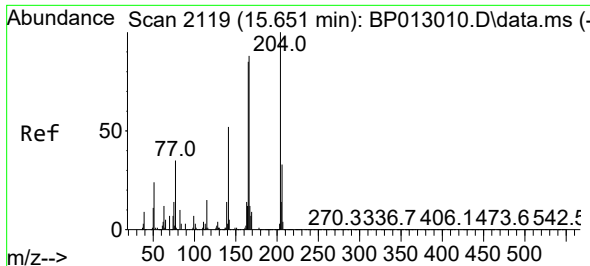
Tgt Ion:149 Resp: 2823595
Ion Ratio Lower Upper
149 100
177 23.1 18.4 27.6
150 12.7 9.9 14.9



#61
Fluorene
Concen: 20.188 ng/ul
RT: 15.657 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

Tgt Ion:166 Resp: 2843421
Ion Ratio Lower Upper
166 100
165 96.8 77.4 116.2
167 13.3 10.6 16.0

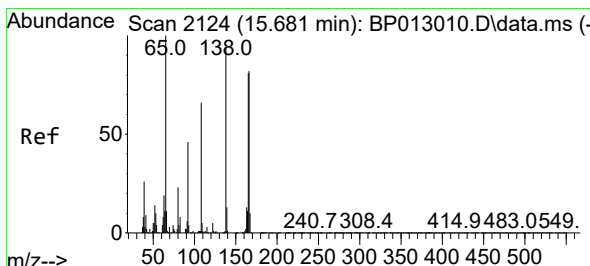
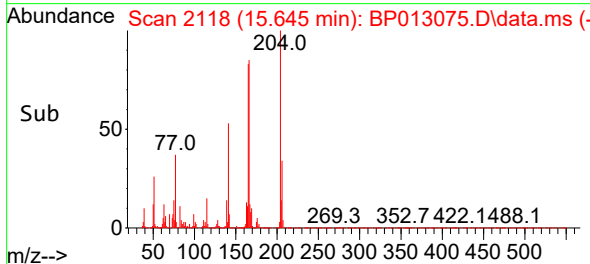
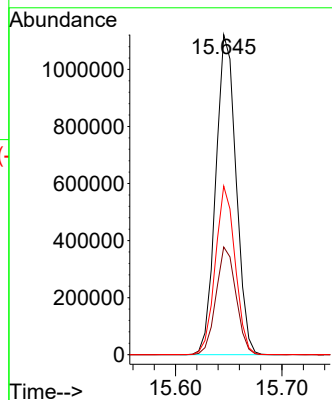
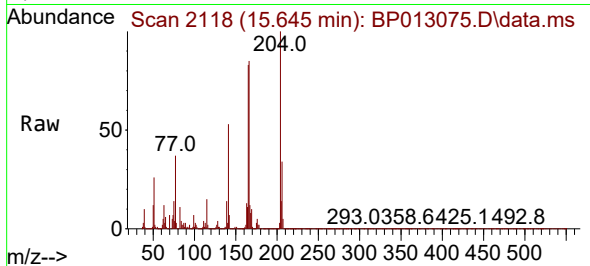




#62
4-Chlorophenyl-phenylether
Concen: 19.915 ng/ul
RT: 15.645 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

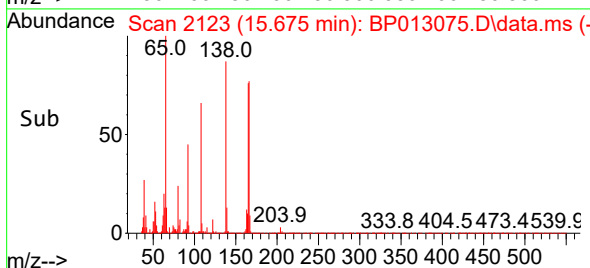
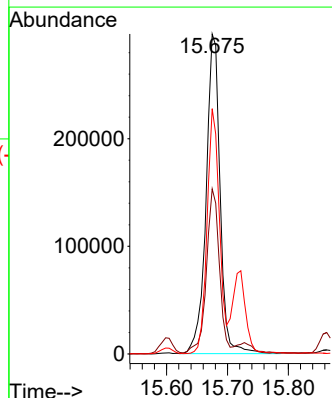
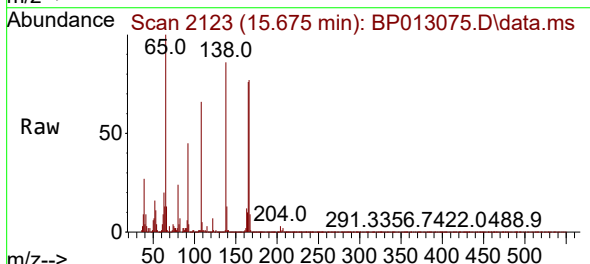
Instrument :
BNA_P
ClientSampleId :

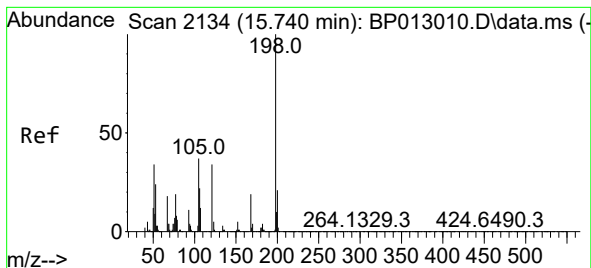
Tgt Ion:204 Resp: 1483365
Ion Ratio Lower Upper
204 100
206 33.7 26.3 39.5
141 52.7 40.4 60.6



#63
4-Nitroaniline
Concen: 20.636 ng/ul
RT: 15.675 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

Tgt Ion:138 Resp: 476546
Ion Ratio Lower Upper
138 100
92 51.6 39.0 58.4
108 76.6 55.1 82.7

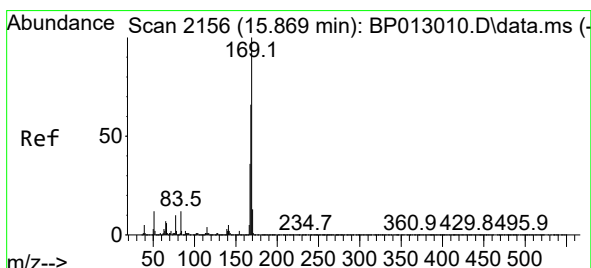
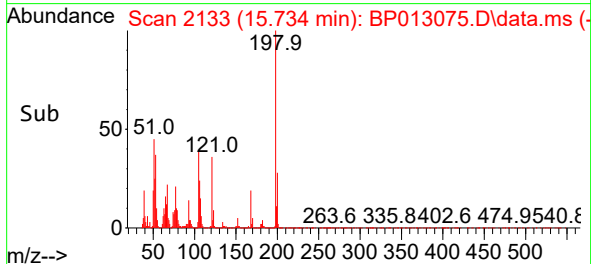
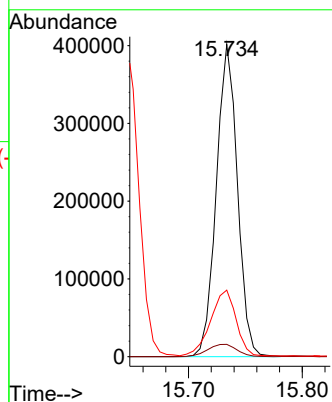
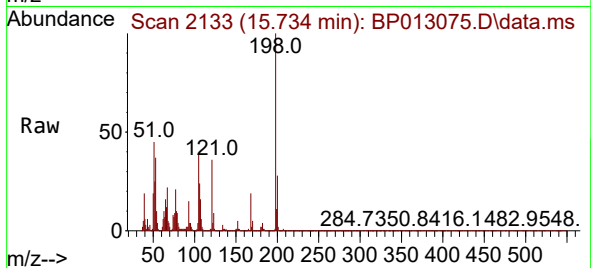




#66
 4,6-Dinitro-2-methylphenol
 Concen: 18.535 ng/ul
 RT: 15.734 min Scan# 2133
 Delta R.T. -0.000 min
 Lab File: BP013075.D
 Acq: 11 Dec 2022 11:46

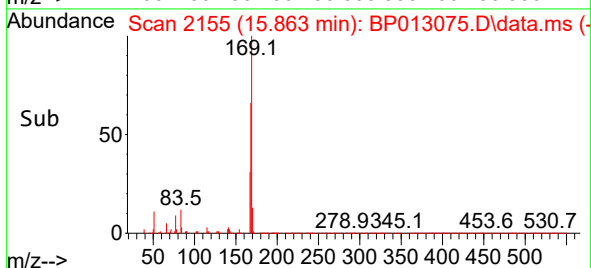
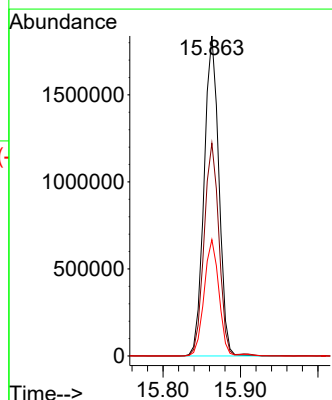
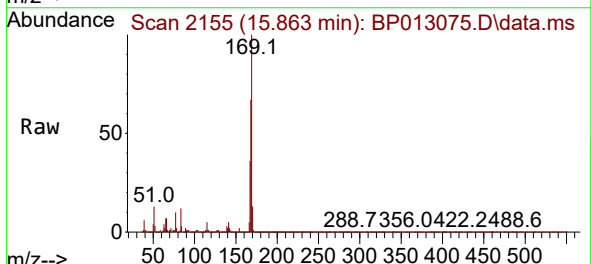
Instrument :
 BNA_P
 ClientSampleId :

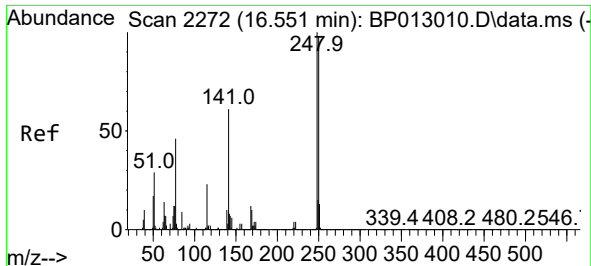
Tgt Ion:198 Resp: 518982
 Ion Ratio Lower Upper
 198 100
 182 3.9 3.3 4.9
 77 21.3 16.6 25.0



#67
 N-Nitrosodiphenylamine
 Concen: 19.691 ng/ul
 RT: 15.863 min Scan# 2155
 Delta R.T. -0.006 min
 Lab File: BP013075.D
 Acq: 11 Dec 2022 11:46

Tgt Ion:169 Resp: 2430633
 Ion Ratio Lower Upper
 169 100
 168 66.5 53.0 79.6
 167 36.3 29.1 43.7

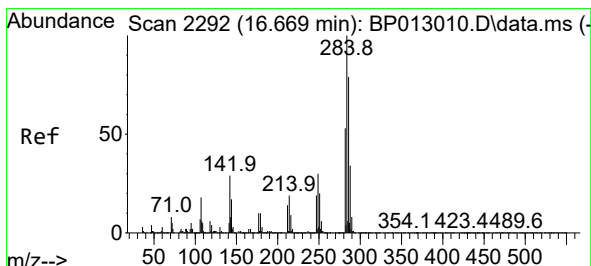
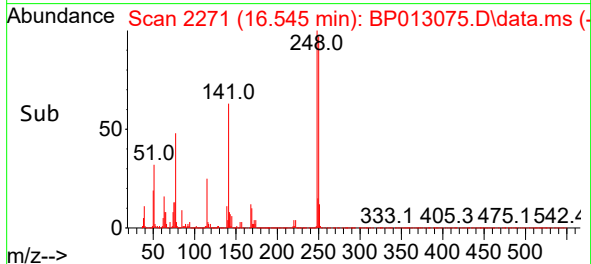
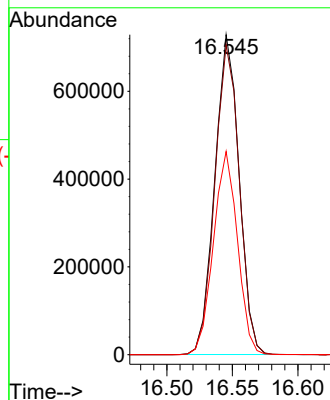
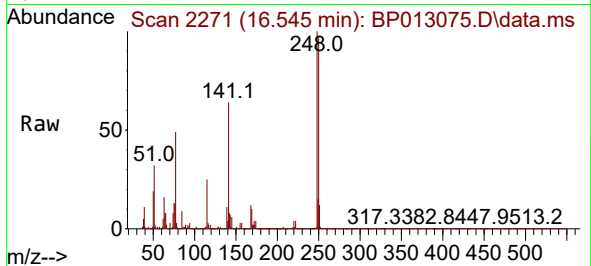




#68
4-Bromophenyl-phenylether
Concen: 19.439 ng/ul
RT: 16.545 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

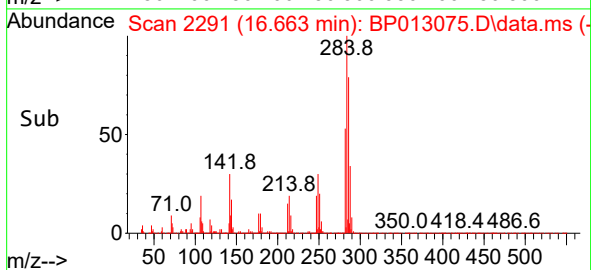
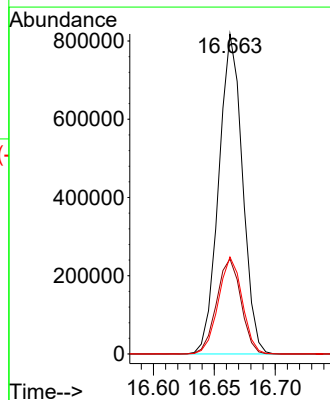
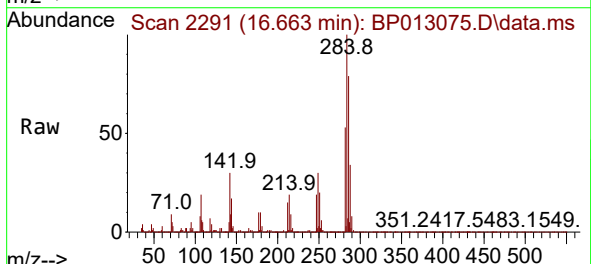
Instrument :
BNA_P
ClientSampleId :

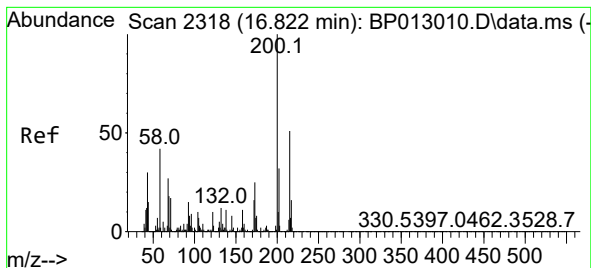
Tgt Ion:248 Resp: 939901
Ion Ratio Lower Upper
248 100
250 96.8 77.4 116.0
141 63.5 48.3 72.5



#69
Hexachlorobenzene
Concen: 19.324 ng/ul
RT: 16.663 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

Tgt Ion:284 Resp: 1109449
Ion Ratio Lower Upper
284 100
142 29.7 22.6 34.0
249 30.3 24.6 37.0





#70

Atrazine

Concen: 19.443 ng/ul

RT: 16.816 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013075.D

Acq: 11 Dec 2022 11:46

Instrument :

BNA_P

ClientSampleId :

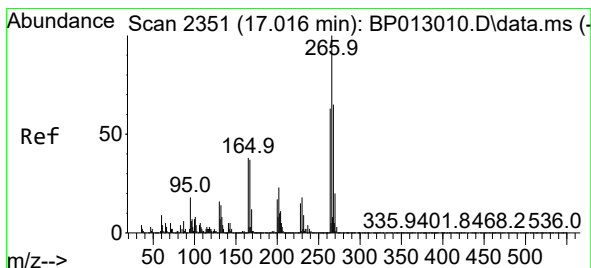
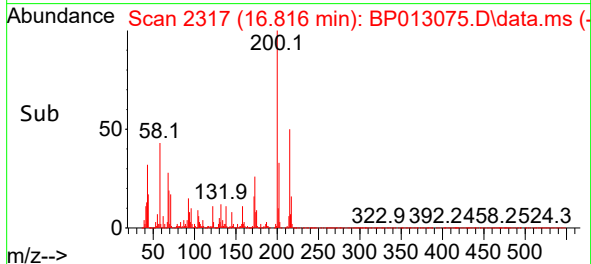
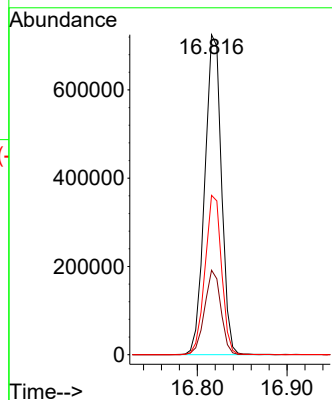
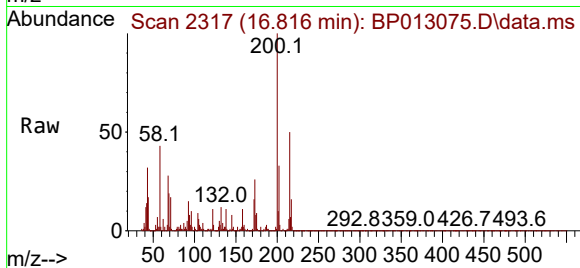
Tgt Ion:200 Resp: 935240

Ion Ratio Lower Upper

200 100

173 26.4 20.5 30.7

215 49.8 39.9 59.9



#71

Pentachlorophenol

Concen: 18.286 ng/ul

RT: 17.010 min Scan# 2350

Delta R.T. -0.000 min

Lab File: BP013075.D

Acq: 11 Dec 2022 11:46

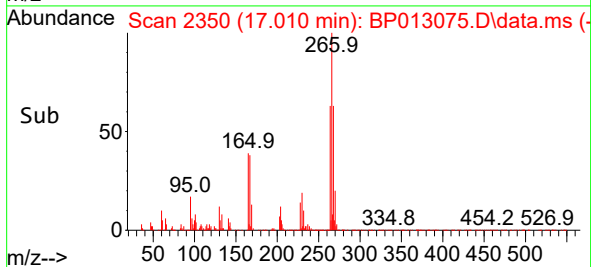
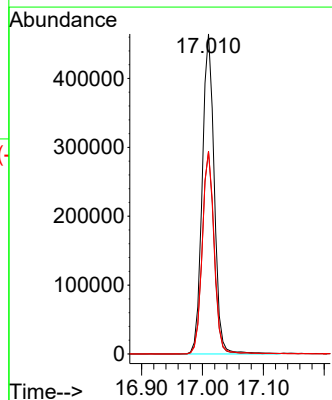
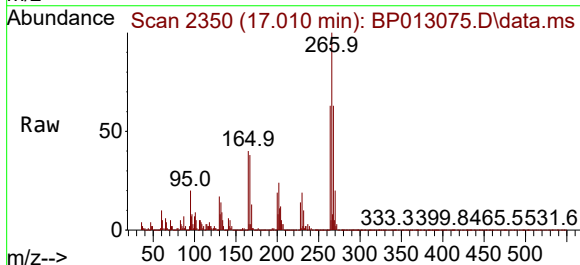
Tgt Ion:266 Resp: 635769

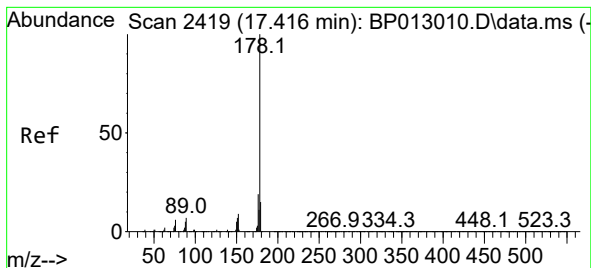
Ion Ratio Lower Upper

266 100

264 63.4 50.9 76.3

268 63.3 51.4 77.2





#72

Phenanthrene

Concen: 19.887 ng/ul

RT: 17.404 min Scan# 2419

Delta R.T. -0.006 min

Lab File: BP013075.D

Acq: 11 Dec 2022 11:46

Instrument :

BNA_P

ClientSampleId :

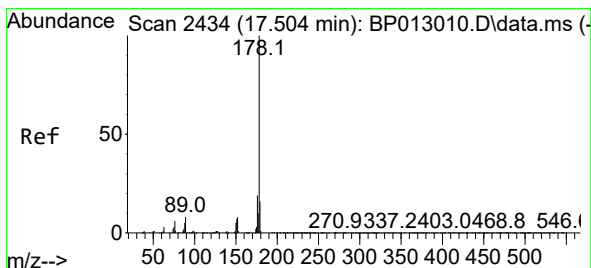
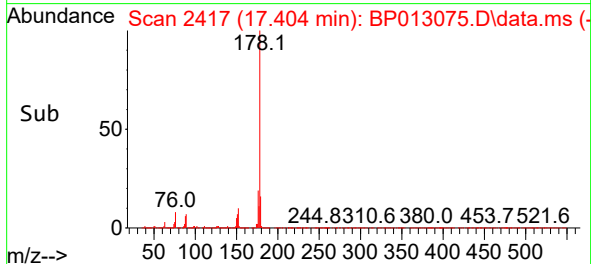
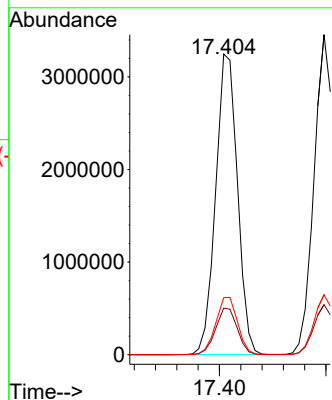
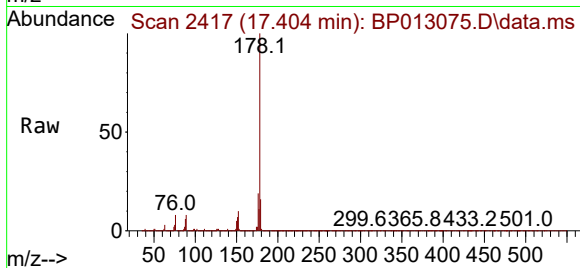
Tgt Ion:178 Resp: 4612034

Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

176 18.9 15.4 23.0



#74

Anthracene

Concen: 20.153 ng/ul

RT: 17.498 min Scan# 2433

Delta R.T. -0.006 min

Lab File: BP013075.D

Acq: 11 Dec 2022 11:46

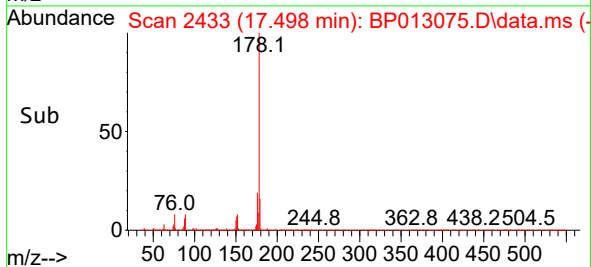
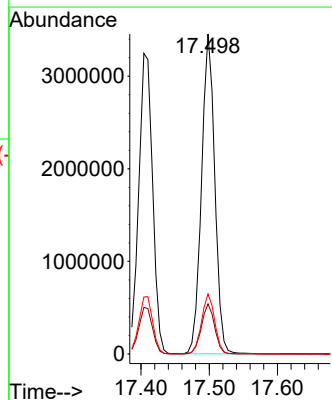
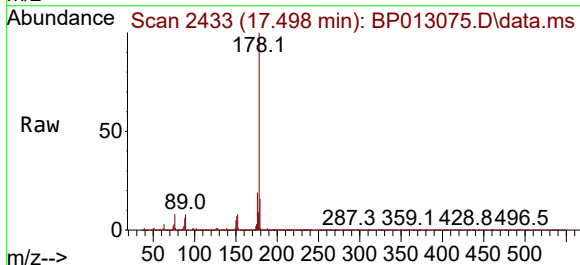
Tgt Ion:178 Resp: 4666661

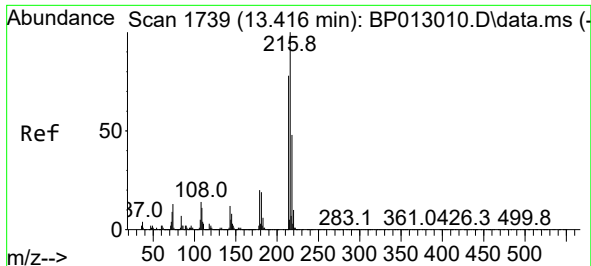
Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

176 18.8 14.8 22.2

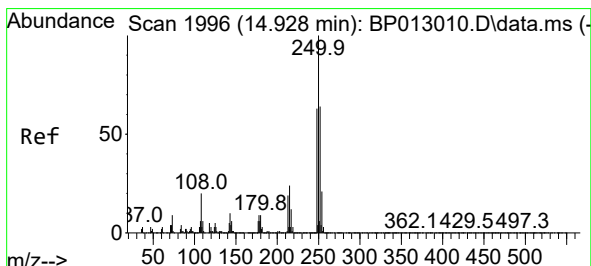
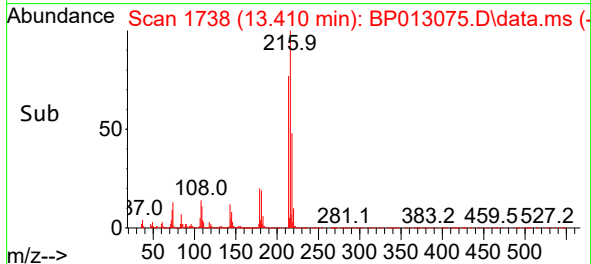
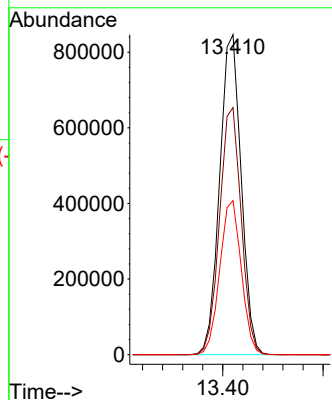
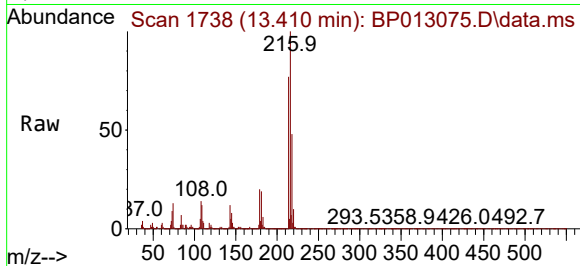




#75
1,2,3,4-Tetrachlorobenzene
Concen: 19.819 ng/uL
RT: 13.410 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

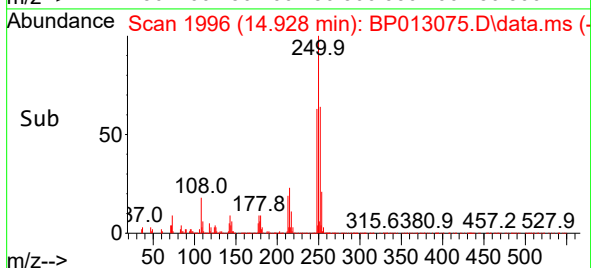
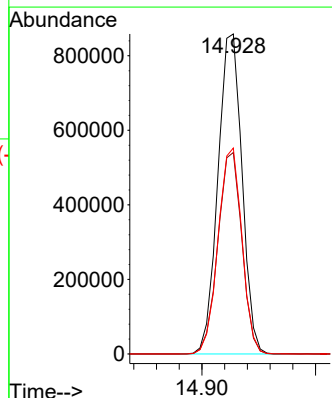
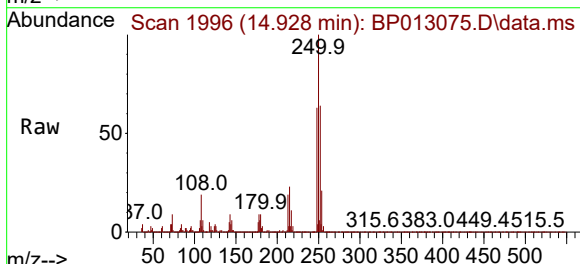
Instrument :
BNA_P
ClientSampleId :

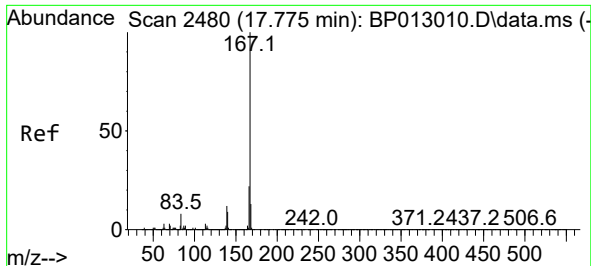
Tgt Ion:216 Resp: 1258973
Ion Ratio Lower Upper
216 100
214 77.2 62.2 93.2
218 48.1 38.9 58.3



#76
Pentachlorobenzene
Concen: 19.527 ng/uL
RT: 14.928 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

Tgt Ion:250 Resp: 1264658
Ion Ratio Lower Upper
250 100
248 63.0 50.6 76.0
252 64.4 51.1 76.7

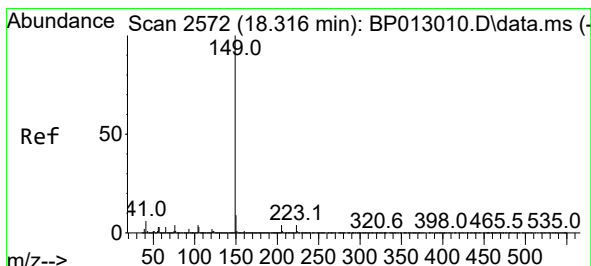
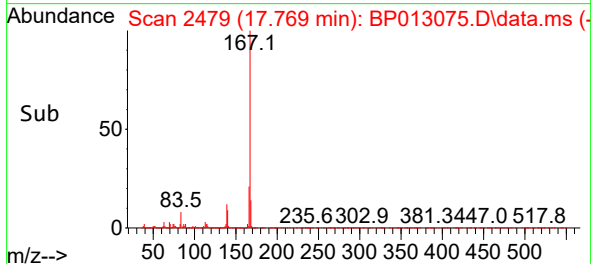
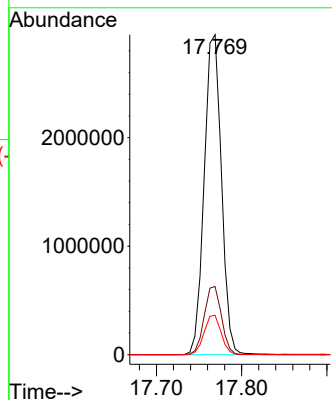
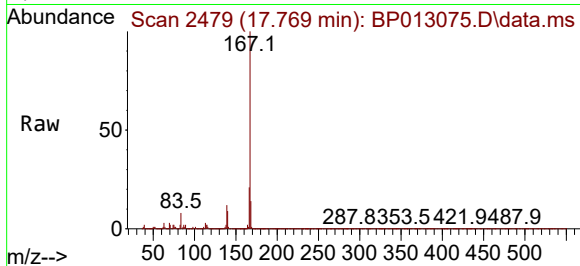




#77
Carbazole
Concen: 21.296 ng/ul
RT: 17.769 min Scan# 2480
Delta R.T. -0.000 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

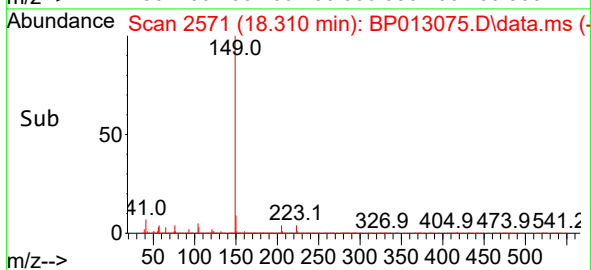
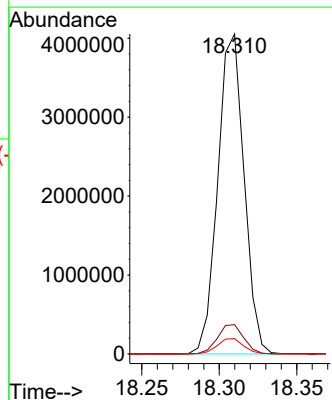
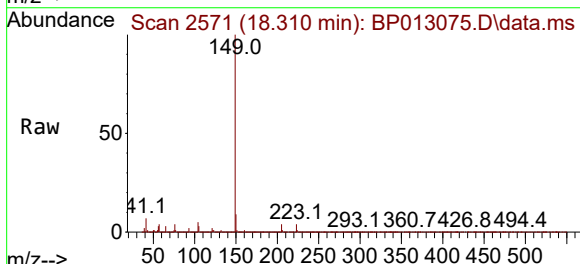
Instrument :
BNA_P
ClientSampleId :

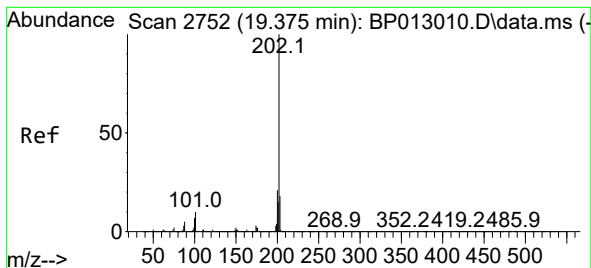
Tgt Ion:167 Resp: 4152845
Ion Ratio Lower Upper
167 100
166 21.3 17.2 25.8
139 12.3 9.4 14.2



#78
Di-n-butylphthalate
Concen: 20.137 ng/ul
RT: 18.310 min Scan# 2571
Delta R.T. -0.000 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

Tgt Ion:149 Resp: 4781226
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 4.8 3.8 5.6





#80

Fluoranthene

Concen: 21.052 ng/ul

RT: 19.369 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP013075.D

Acq: 11 Dec 2022 11:46

Instrument :

BNA_P

ClientSampleId :

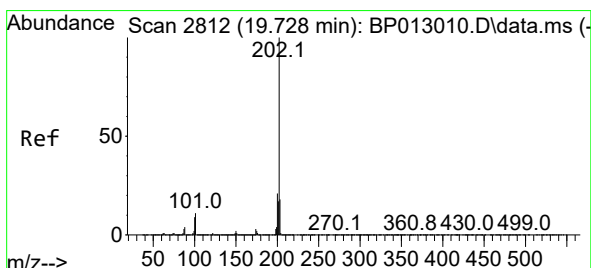
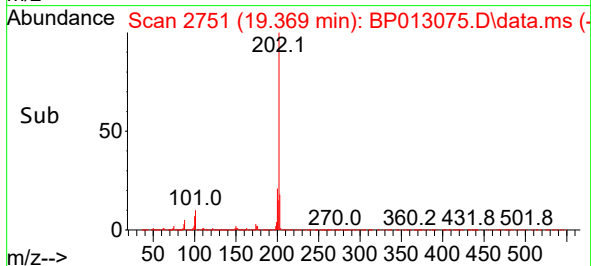
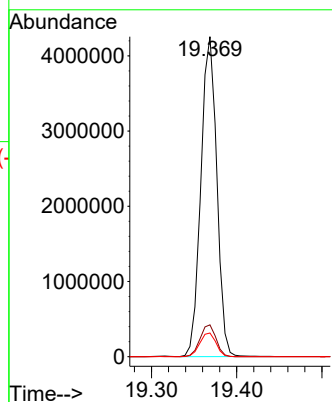
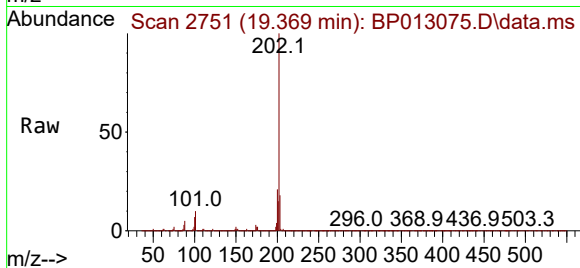
Tgt Ion:202 Resp: 5519494

Ion Ratio Lower Upper

202 100

101 10.0 8.2 12.2

100 7.4 6.1 9.1



#82

Pyrene

Concen: 21.100 ng/ul

RT: 19.722 min Scan# 2811

Delta R.T. -0.006 min

Lab File: BP013075.D

Acq: 11 Dec 2022 11:46

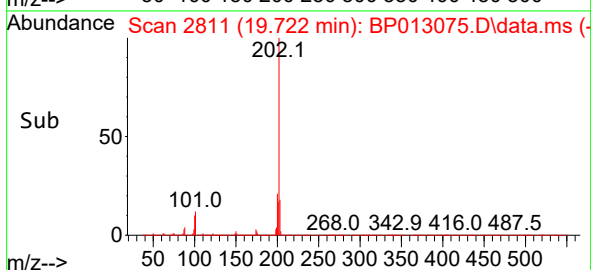
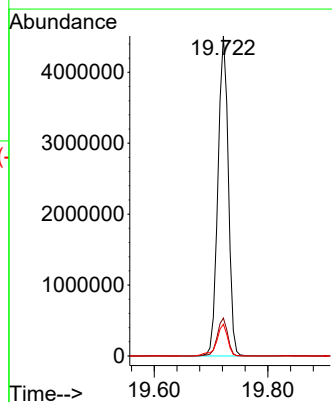
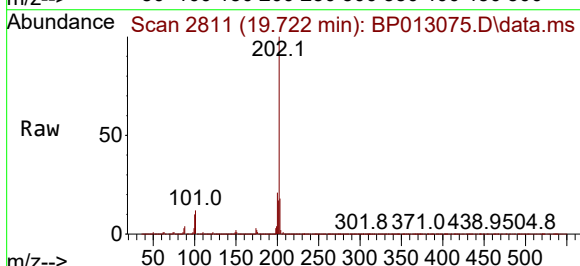
Tgt Ion:202 Resp: 5706583

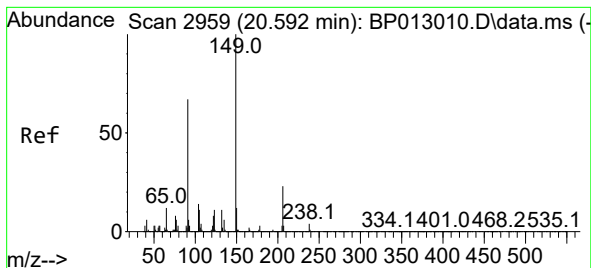
Ion Ratio Lower Upper

202 100

101 11.9 9.4 14.2

100 9.9 7.8 11.8





#83

Butylbenzylphthalate

Concen: 20.788 ng/ul

RT: 20.586 min Scan# 2958

Delta R.T. -0.000 min

Lab File: BP013075.D

Acq: 11 Dec 2022 11:46

Instrument :

BNA_P

ClientSampleId :

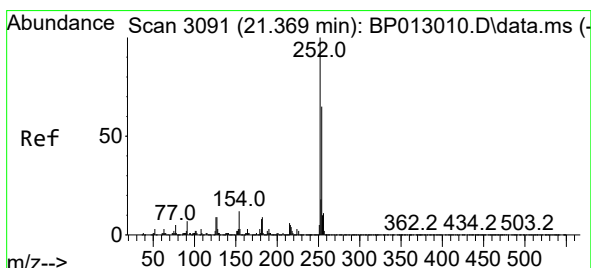
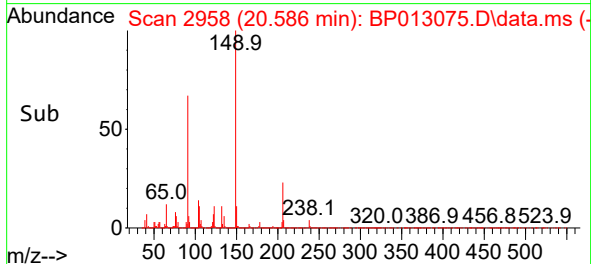
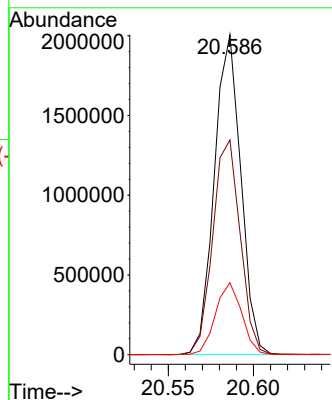
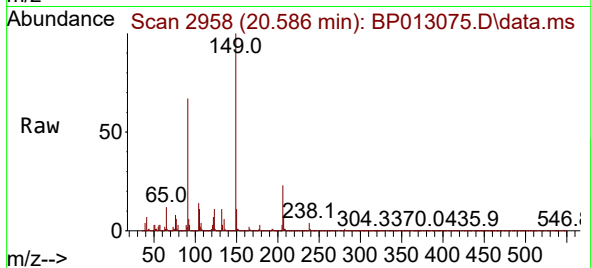
Tgt Ion:149 Resp: 2171931

Ion Ratio Lower Upper

149 100

91 67.1 53.4 80.0

206 22.5 17.9 26.9



#84

3,3'-Dichlorobenzidine

Concen: 17.193 ng/ul

RT: 21.363 min Scan# 3090

Delta R.T. -0.000 min

Lab File: BP013075.D

Acq: 11 Dec 2022 11:46

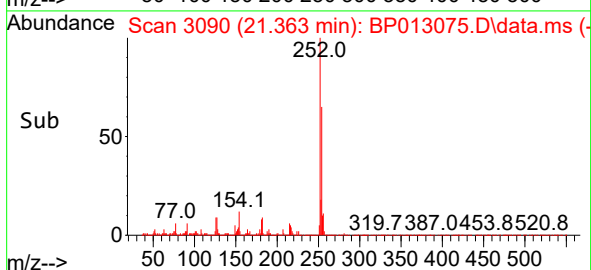
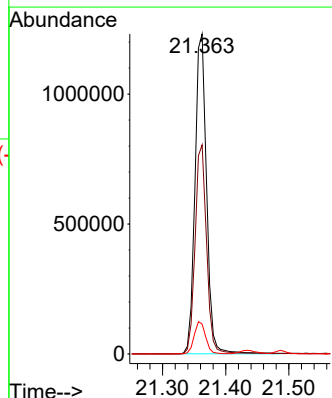
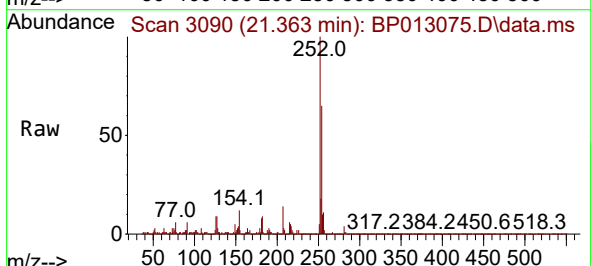
Tgt Ion:252 Resp: 1563105

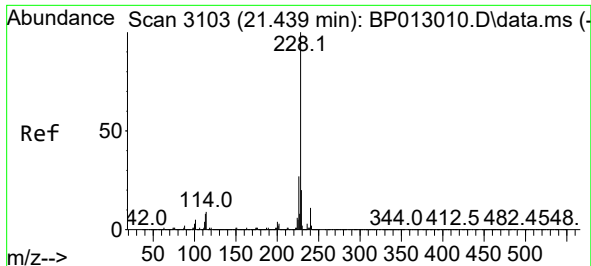
Ion Ratio Lower Upper

252 100

254 65.3 51.8 77.8

126 9.3 7.4 11.2

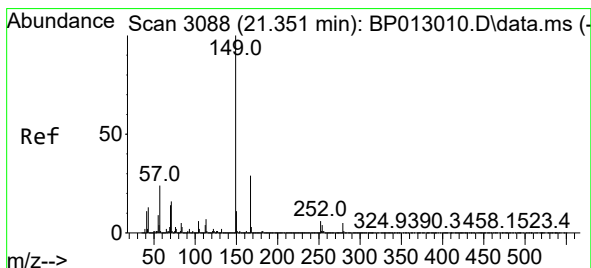
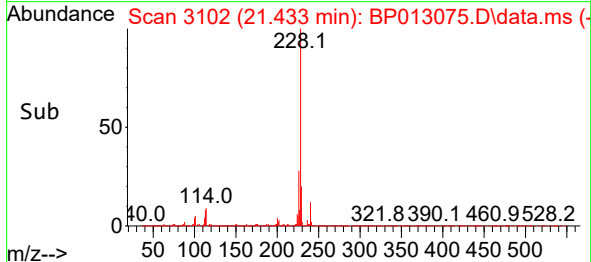
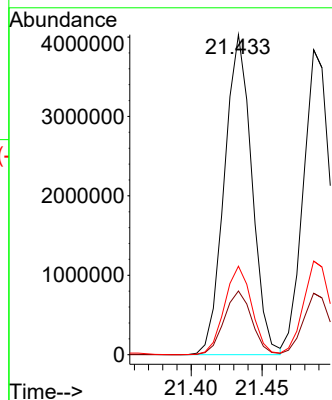
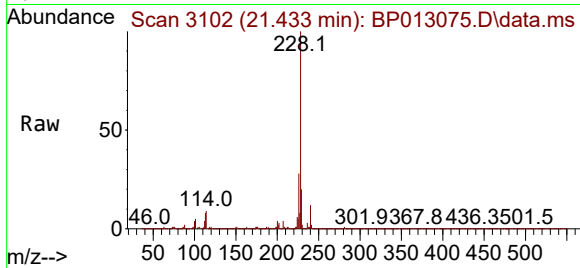




#85
Benzo(a)anthracene
Concen: 20.294 ng/ul
RT: 21.433 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

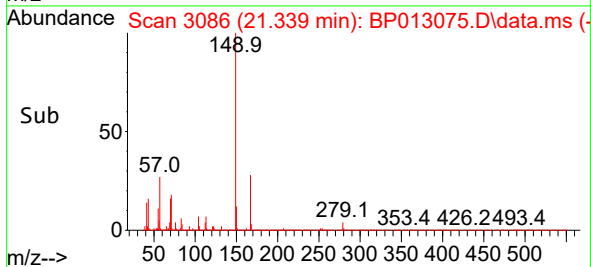
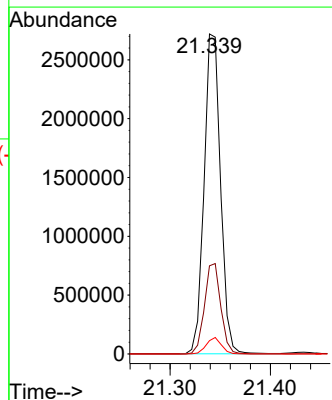
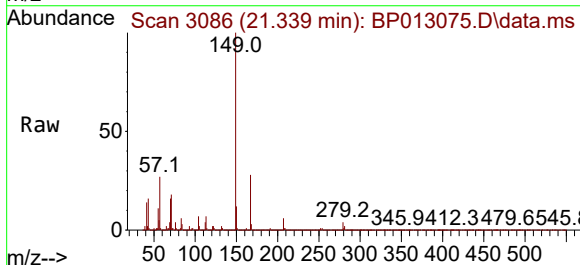
Instrument :
BNA_P
ClientSampleId :

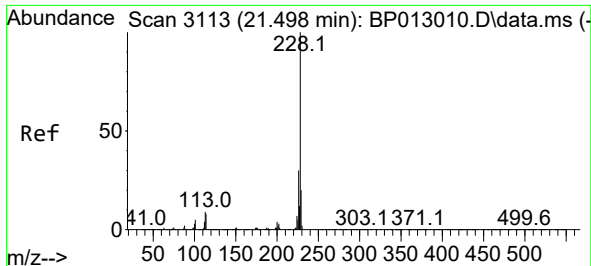
Tgt Ion:228 Resp: 5421848
Ion Ratio Lower Upper
228 100
229 19.9 16.1 24.1
226 27.6 22.0 33.0



#86
Bis(2-ethylhexyl)phthalate
Concen: 21.075 ng/ul
RT: 21.339 min Scan# 3086
Delta R.T. -0.006 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

Tgt Ion:149 Resp: 3106064
Ion Ratio Lower Upper
149 100
167 27.6 22.5 33.7
279 4.2 3.8 5.8

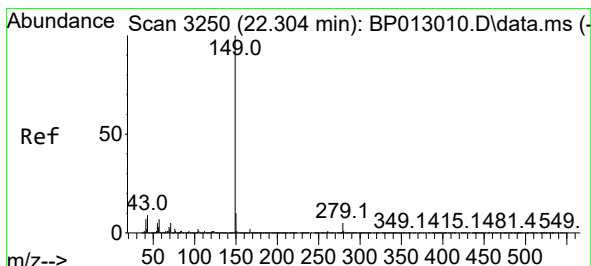
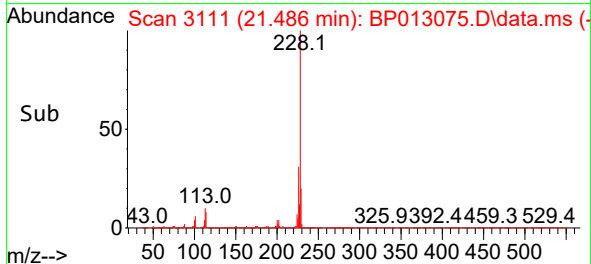
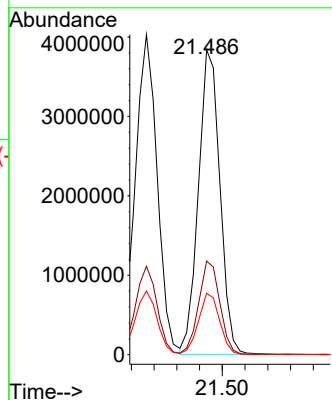
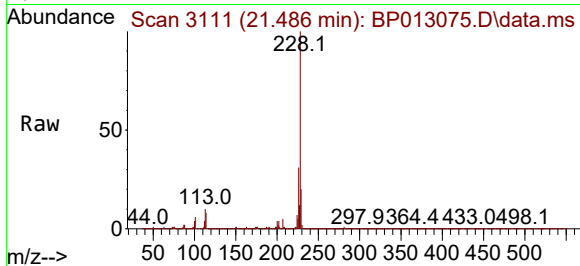




#87
Chrysene
Concen: 19.940 ng/ul
RT: 21.486 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

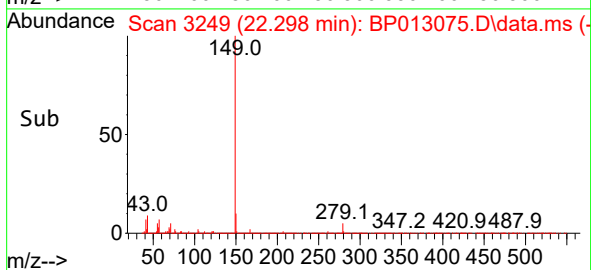
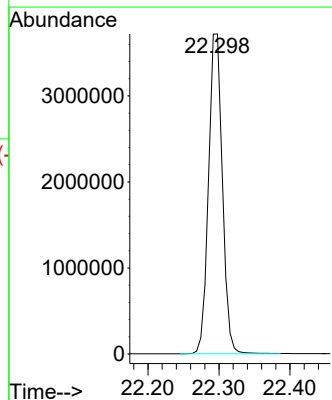
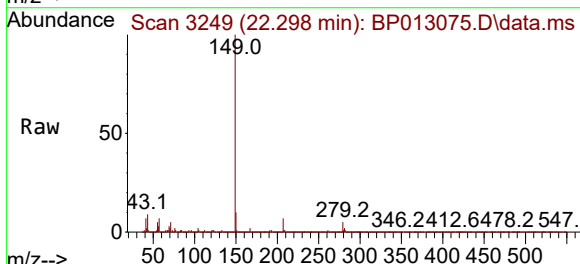
Instrument :
BNA_P
ClientSampleId :

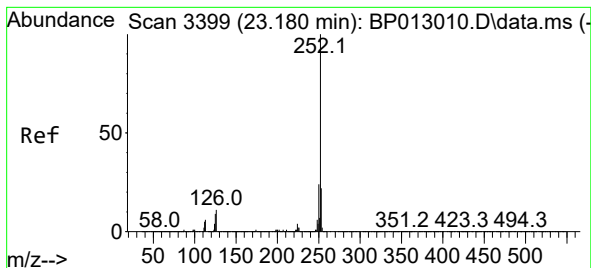
Tgt Ion:228 Resp: 5037754
Ion Ratio Lower Upper
228 100
226 30.7 24.5 36.7
229 20.2 16.0 24.0



#89
Di-n-octyl phthalate
Concen: 23.397 ng/ul
RT: 22.298 min Scan# 3249
Delta R.T. -0.000 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

Tgt Ion:149 Resp: 5047975





#90

Benzo(b)fluoranthene

Concen: 20.250 ng/ul

RT: 23.174 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP013075.D

Acq: 11 Dec 2022 11:46

Instrument :

BNA_P

ClientSampleId :

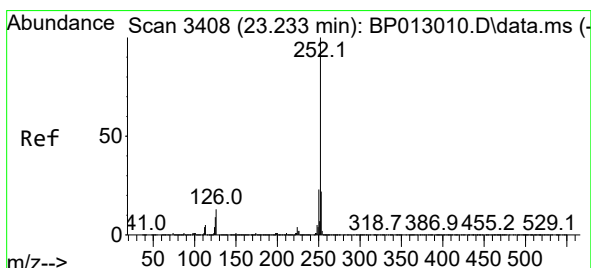
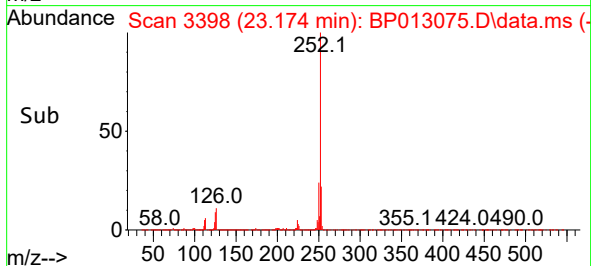
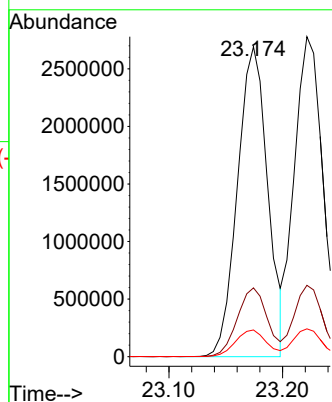
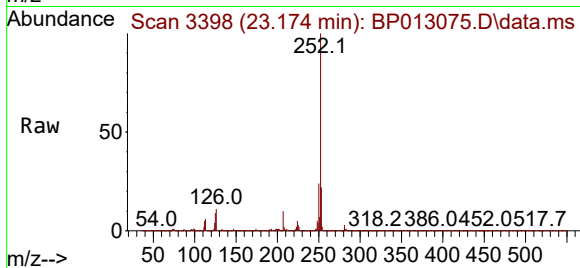
Tgt Ion:252 Resp: 4972793

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 8.7 6.8 10.2



#91

Benzo(k)fluoranthene

Concen: 20.083 ng/ul

RT: 23.221 min Scan# 3406

Delta R.T. -0.006 min

Lab File: BP013075.D

Acq: 11 Dec 2022 11:46

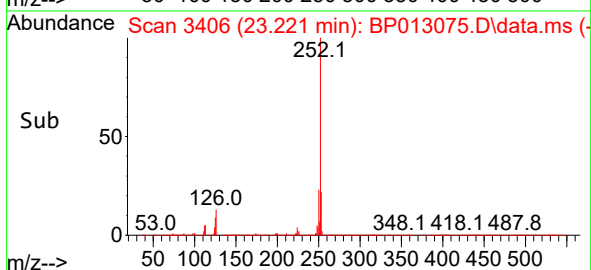
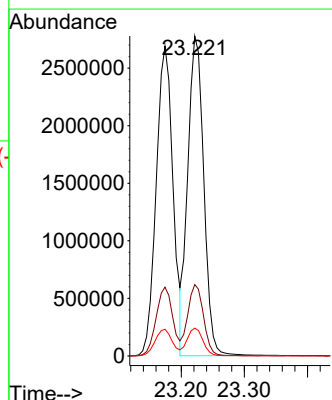
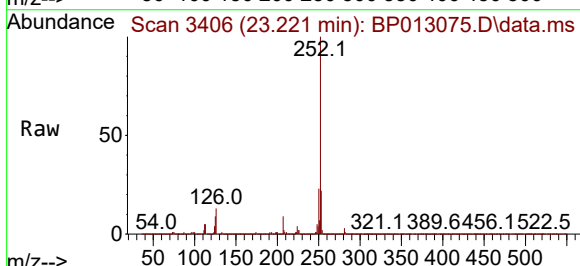
Tgt Ion:252 Resp: 4890432

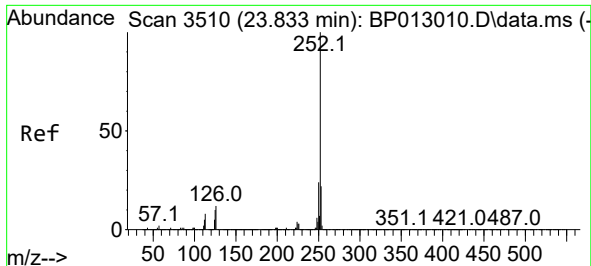
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

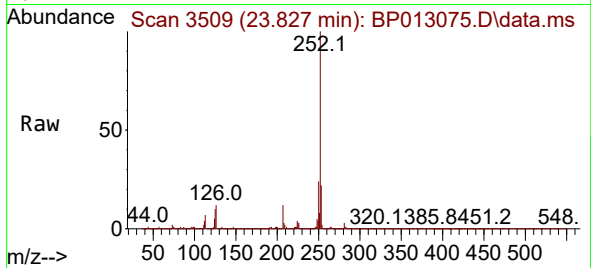
125 8.7 6.8 10.2



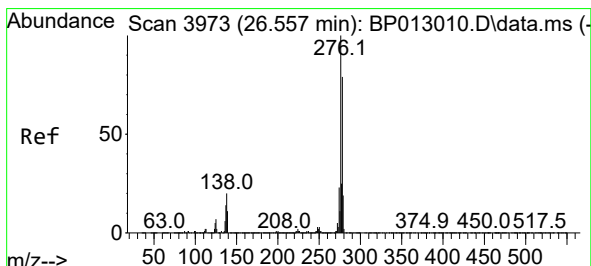
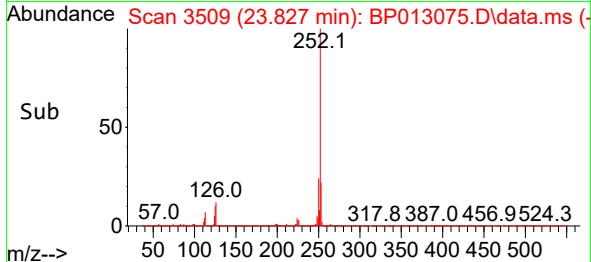
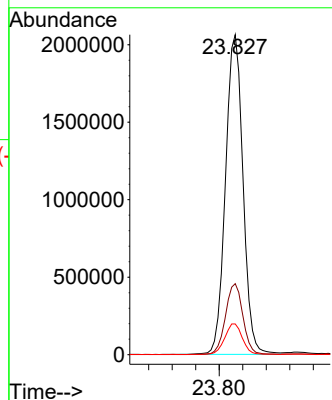


#93
Benzo(a)pyrene
Concen: 19.953 ng/ul
RT: 23.827 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

Instrument :
BNA_P
ClientSampleId :

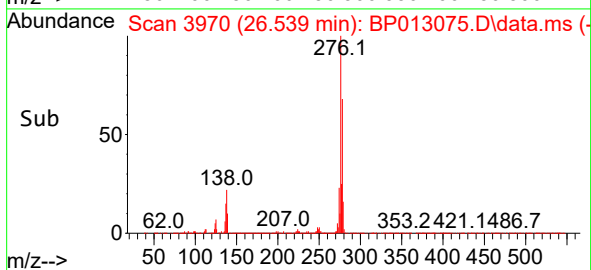
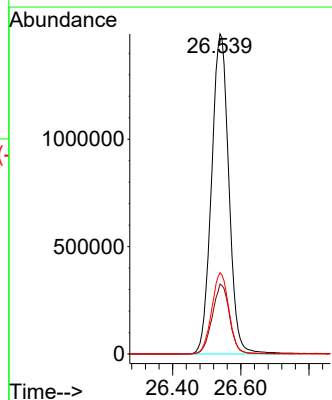
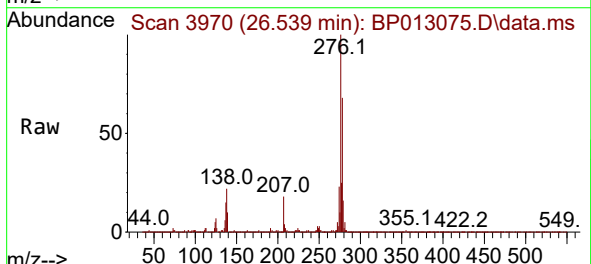


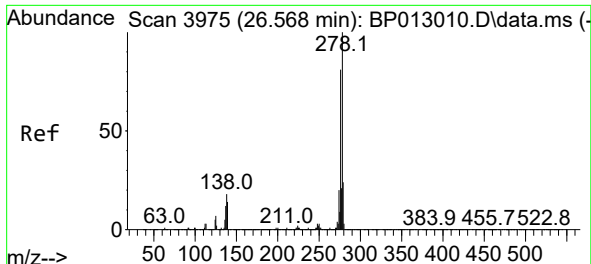
Tgt Ion:252 Resp: 4266526
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 9.6 7.5 11.3



#94
Indeno(1,2,3-cd)pyrene
Concen: 19.717 ng/ul
RT: 26.539 min Scan# 3970
Delta R.T. -0.006 min
Lab File: BP013075.D
Acq: 11 Dec 2022 11:46

Tgt Ion:276 Resp: 5251665
Ion Ratio Lower Upper
276 100
138 21.8 17.1 25.7
277 25.4 20.0 30.0

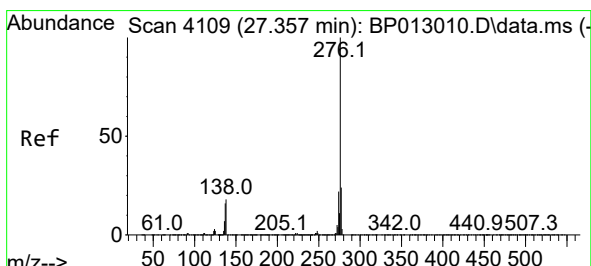
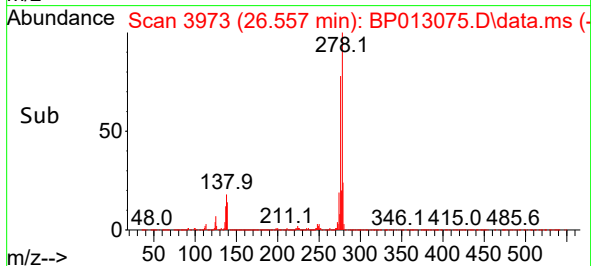
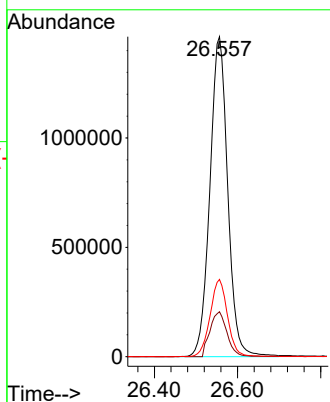
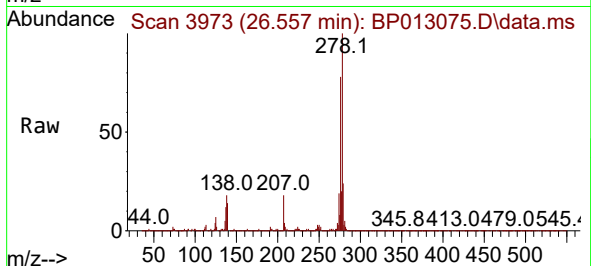




#95
 Dibenzo(a,h)anthracene
 Concen: 19.763 ng/ul
 RT: 26.557 min Scan# 3975
 Delta R.T. -0.000 min
 Lab File: BP013075.D
 Acq: 11 Dec 2022 11:46

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:278 Resp: 4358332
 Ion Ratio Lower Upper
 278 100
 139 14.1 11.1 16.7
 279 24.1 19.0 28.6



#96
 Benzo(g,h,i)perylene
 Concen: 18.936 ng/ul
 RT: 27.339 min Scan# 4106
 Delta R.T. -0.006 min
 Lab File: BP013075.D
 Acq: 11 Dec 2022 11:46

Tgt Ion:276 Resp: 4049149
 Ion Ratio Lower Upper
 276 100
 138 18.9 15.4 23.2
 277 23.9 19.1 28.7

