

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112723\
 Data File : BP018400.D
 Acq On : 27 Nov 2023 14:57
 Operator : MA/JU
 Sample : 05328-15MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A49W2MSD

Quant Time: Nov 27 21:56:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 27 21:50:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	434295	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	1780423	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.498	164	1069849	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.251	188	2062872	20.000	ng/u1	0.00
79) Chrysene-d12	21.380	240	1359595	20.000	ng/u1	0.00
88) Perylene-d12	23.880	264	1561523	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	40134	3.461	ng/uL	0.00
4) Pyridine-d5	3.687	84	332133	10.423	ng/u1	0.00
7) Phenol-d5	7.028	99	229259	5.776	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	650959	27.427	ng/u1	0.00
11) 2-Chlorophenol-d4	7.393	132	715585	21.473	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	444829	13.888	ng/u1	0.00
21) Nitrobenzene-d5	9.022	128	469948	32.497	ng/u1	0.00
24) 2-Nitrophenol-d4	9.746	143	446936	33.465	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	912161	28.309	ng/u1	0.00
31) 4-Chloroaniline-d4	10.799	131	1208230	27.803	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	3238317	34.017	ng/u1	0.00
49) Acenaphthylene-d8	14.193	160	3378366	31.146	ng/u1	0.00
54) 4-Nitrophenol-d4	14.687	143	78383	5.964	ng/u1	0.00
60) Fluorene-d10	15.492	176	2601269	32.670	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	365394	41.609	ng/u1	0.00
73) Anthracene-d10	17.351	188	3817652	34.624	ng/u1	0.00
81) Pyrene-d10	19.592	212	3876141	35.821	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.716	264	3403820	37.599	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	50108	4.030	ng/uL	94
5) Pyridine	3.705	79	374791	11.673	ng/u1	97
6) Benzaldehyde	6.999	77	636556	30.307	ng/u1	95
8) Phenol	7.052	94	264616	6.797	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.293	93	1011780	31.198	ng/u1	95
12) 2-Chlorophenol	7.422	128	775077	23.183	ng/u1	96
13) 2-Methylphenol	8.310	108	552142	18.207	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.393	45	1211385	26.278	ng/u1#	95
16) Acetophenone	8.687	105	1526308	31.141	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.675	70	707653	25.846	ng/u1	94
18) 4-Methylphenol	8.640	108	511156	15.785	ng/u1	99
19) Hexachloroethane	8.946	117	386377	27.674	ng/u1	92
22) Nitrobenzene	9.069	77	1068554	31.540	ng/u1	94
23) Isophorone	9.599	82	2163976	28.658	ng/u1	97
25) 2-Nitrophenol	9.775	139	527400	35.098	ng/u1	93
26) 2,4-Dimethylphenol	9.840	107	752952	22.318	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.081	93	1399846	30.696	ng/u1	99
29) 2,4-Dichlorophenol	10.310	162	950871	30.808	ng/u1	97
30) Naphthalene	10.710	128	3350121	31.111	ng/u1	100
32) 4-Chloroaniline	10.822	127	1130700	27.572	ng/u1	99
33) Hexachlorobutadiene	10.999	225	720945	34.248	ng/u1	99
34) Caprolactam	11.604	113	43036	4.839	ng/u1	90
35) 4-Chloro-3-methylphenol	11.946	107	838792	25.418	ng/u1	95
36) 2-Methylnaphthalene	12.322	142	2378648	31.212	ng/u1	100

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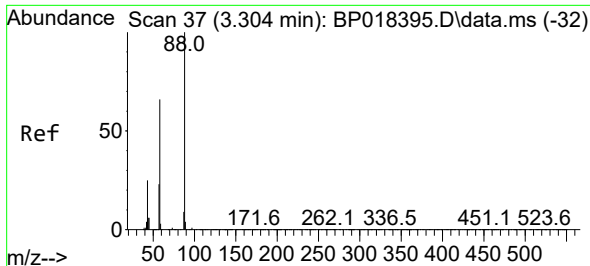
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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.540	142	2342634	30.538	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.687	216	1411235	37.349	ng/ul	98
40) Hexachlorocyclopentadiene	12.669	237	623419	29.131	ng/ul	98
41) 2,4,6-Trichlorophenol	12.928	196	855645	37.707	ng/ul	98
42) 2,4,5-Trichlorophenol	12.998	196	916795	37.363	ng/ul	99
43) 1,1'-Biphenyl	13.334	154	3193265	34.257	ng/ul	99
44) 2-Chloronaphthalene	13.375	162	2535238	34.364	ng/ul	98
45) 2-Nitroaniline	13.581	65	586010	36.915	ng/ul#	83
47) Dimethylphthalate	13.963	163	3451671	37.057	ng/ul	99
48) 2,6-Dinitrotoluene	14.081	165	677502	43.143	ng/ul	87
50) Acenaphthylene	14.222	152	4101409	33.922	ng/ul	99
51) 3-Nitroaniline	14.404	138	565002	36.212	ng/ul#	93
52) Acenaphthene	14.563	153	2699076	34.172	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	220078	40.170	ng/ul	97
55) 4-Nitrophenol	14.704	109	62839	6.454	ng/ul	95
56) Dibenzofuran	14.898	168	3783528	35.039	ng/ul	98
57) 2,4-Dinitrotoluene	14.863	165	932475	43.941	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.122	232	776478	40.294	ng/ul	93
59) Diethylphthalate	15.328	149	3362044	35.932	ng/ul	99
61) Fluorene	15.545	166	2991589	33.973	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.545	204	1628344	36.416	ng/ul	96
63) 4-Nitroaniline	15.569	138	520268	35.332	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.622	198	436402	44.808	ng/ul	98
67) N-Nitrosodiphenylamine	15.757	169	2625120	37.526	ng/ul	100
68) 4-Bromophenyl-phenylether	16.439	248	1059421	40.677	ng/ul	96
69) Hexachlorobenzene	16.545	284	1259391	43.253	ng/ul	94
70) Atrazine	16.722	200	876025	41.021	ng/ul	98
71) Pentachlorophenol	16.892	266	629922	42.105	ng/ul	99
72) Phenanthrene	17.292	178	4771226	38.025	ng/ul	99
74) Anthracene	17.386	178	4690168	37.031	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.298	216	1424554	40.175	ng/ul	100
76) Pentachlorobenzene	14.816	250	1466724	42.583	ng/ul	98
77) Carbazole	17.657	167	3972609	38.716	ng/ul	100
78) Di-n-butylphthalate	18.222	149	5445834	38.156	ng/ul	99
80) Fluoranthene	19.269	202	5025036	38.873	ng/ul	97
82) Pyrene	19.622	202	4953118	38.051	ng/ul	98
83) Butylbenzylphthalate	20.528	149	1849581	38.396	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.304	252	1088006	33.087	ng/ul	99
85) Benzo(a)anthracene	21.363	228	4364057	39.385	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.339	149	2638623	36.509	ng/ul	98
87) Chrysene	21.416	228	4010958	39.780	ng/ul	100
89) Di-n-octyl phthalate	22.351	149	3896790	33.897	ng/ul	100
90) Benzo(b)fluoranthene	23.110	252	4363344	38.470	ng/ul	99
91) Benzo(k)fluoranthene	23.163	252	4452826	39.437	ng/ul	99
93) Benzo(a)pyrene	23.769	252	4221978	40.476	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.604	276	5381476	44.619	ng/ul	97
95) Dibenzo(a,h)anthracene	26.674	278	4441542	44.983	ng/ul	97
96) Benzo(g,h,i)perylene	27.439	276	4378274	44.824	ng/ul	97

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

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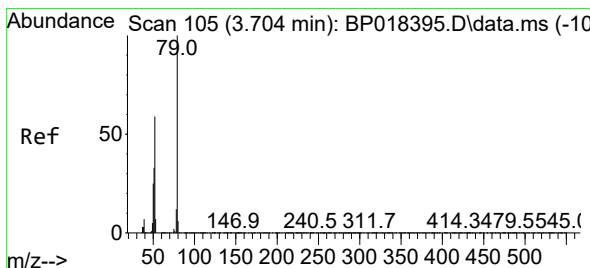
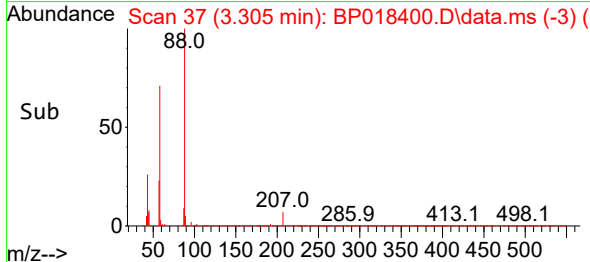
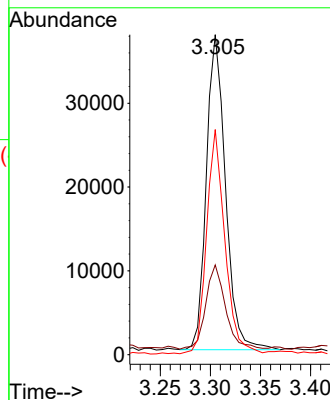
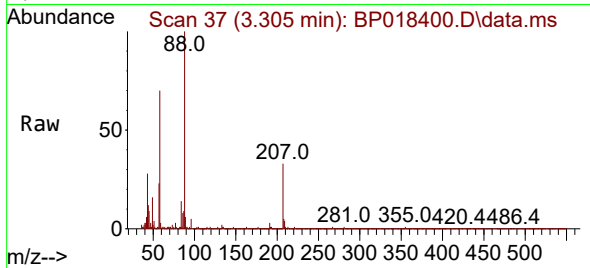




#2
 1,4-Dioxane
 Concen: 4.030 ng/uL
 RT: 3.305 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BP018400.D
 Acq: 27 Nov 2023 14:57

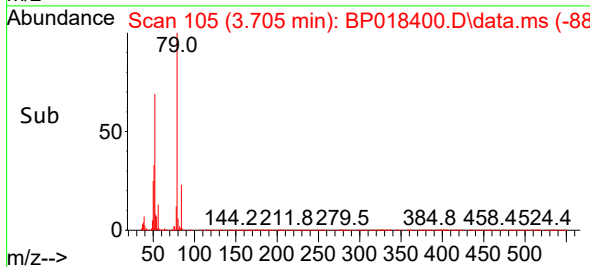
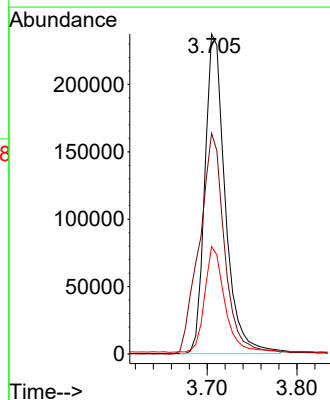
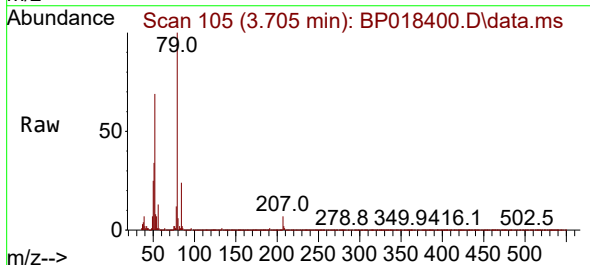
Instrument :
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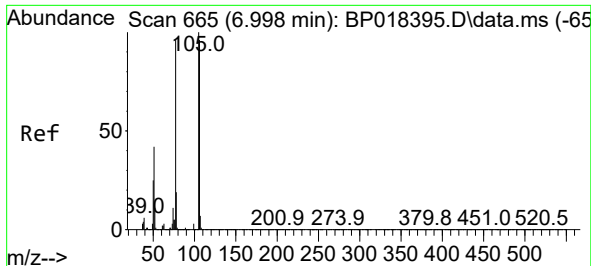
Tgt Ion: 88	Resp: 50108
Ion Ratio	Lower Upper
88	100
43	28.1 26.9 40.3
58	70.3 59.6 89.4



#5
 Pyridine
 Concen: 11.673 ng/uL
 RT: 3.705 min Scan# 105
 Delta R.T. 0.000 min
 Lab File: BP018400.D
 Acq: 27 Nov 2023 14:57

Tgt Ion: 79	Resp: 374791
Ion Ratio	Lower Upper
79	100
52	69.0 57.7 86.5
51	33.6 27.8 41.8

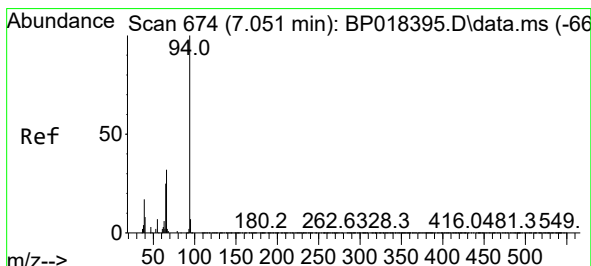
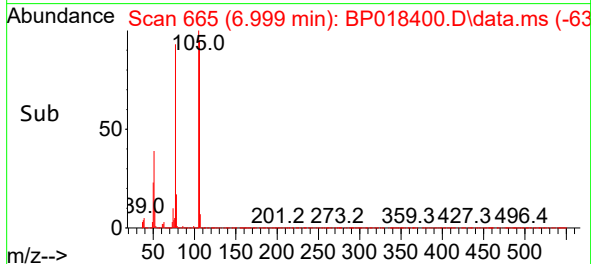
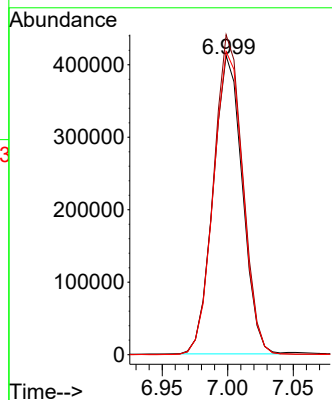
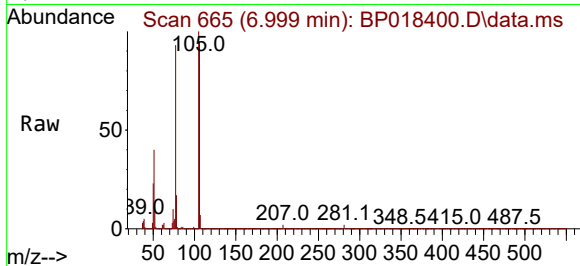




#6
Benzaldehyde
Concen: 30.307 ng/ul
RT: 6.999 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP018400.D
Acq: 27 Nov 2023 14:57

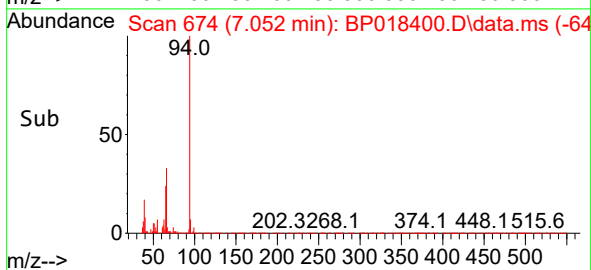
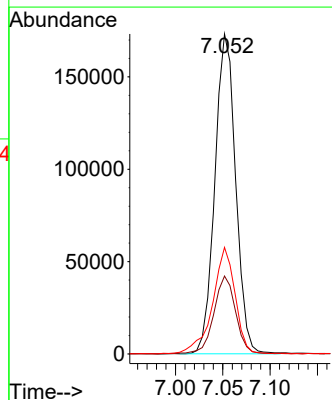
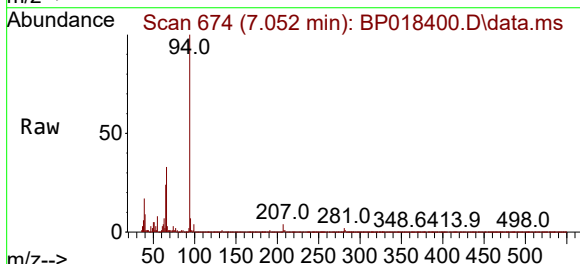
Instrument :
BNA_P
ClientSampleId :
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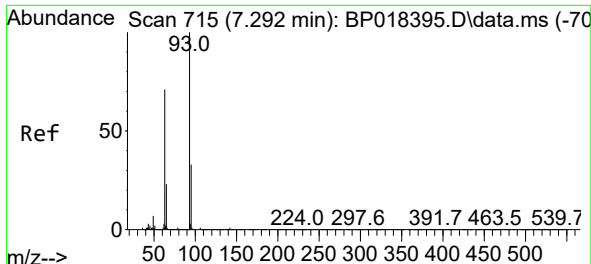
Tgt Ion: 77 Resp: 636556
Ion Ratio Lower Upper
77 100
105 107.0 81.5 122.3
106 101.4 77.9 116.9



#8
Phenol
Concen: 6.797 ng/ul
RT: 7.052 min Scan# 674
Delta R.T. 0.000 min
Lab File: BP018400.D
Acq: 27 Nov 2023 14:57

Tgt Ion: 94 Resp: 264616
Ion Ratio Lower Upper
94 100
65 24.3 21.2 31.8
66 33.3 28.0 42.0

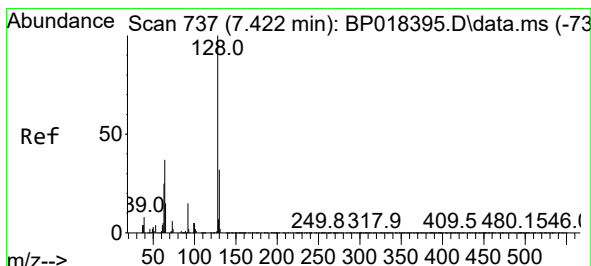
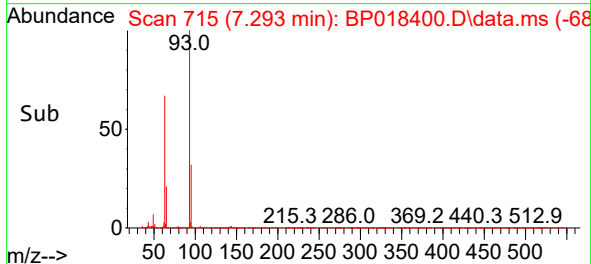
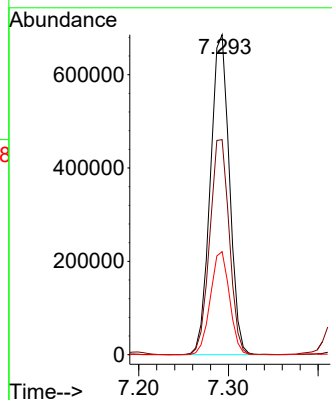
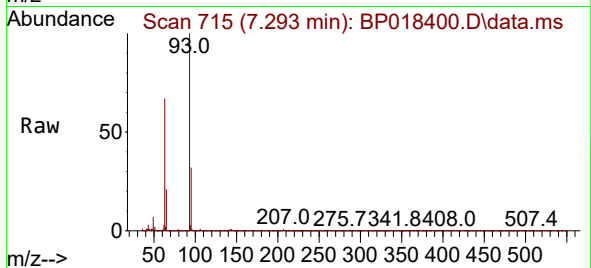




#10
Bis(2-Chloroethyl)ether
Concen: 31.198 ng/ul
RT: 7.293 min Scan# 715
Delta R.T. 0.000 min
Lab File: BP018400.D
Acq: 27 Nov 2023 14:57

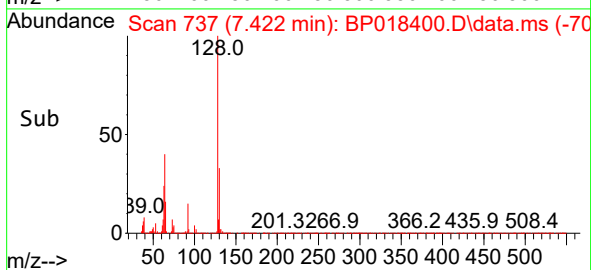
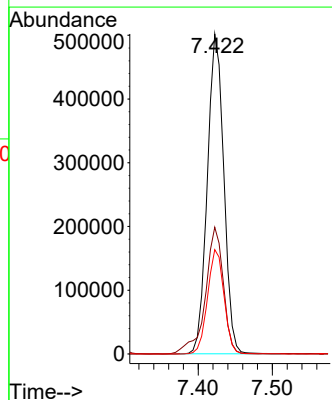
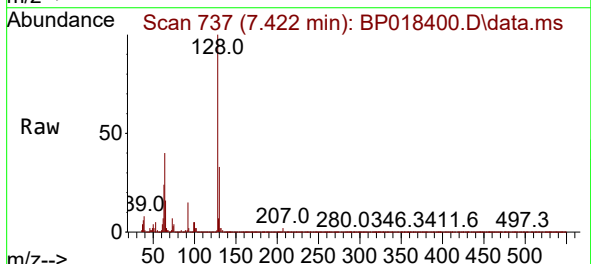
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BNA_P
ClientSampleId :
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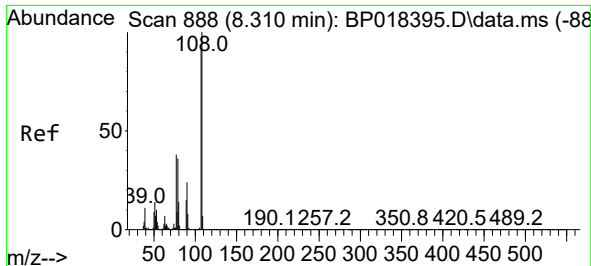
Tgt Ion: 93 Resp: 1011780
Ion Ratio Lower Upper
93 100
63 67.2 58.2 87.4
95 32.2 25.6 38.4



#12
2-Chlorophenol
Concen: 23.183 ng/ul
RT: 7.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BP018400.D
Acq: 27 Nov 2023 14:57

Tgt Ion:128 Resp: 775077
Ion Ratio Lower Upper
128 100
64 39.6 34.8 52.2
130 32.6 25.5 38.3





#13

2-Methylphenol

Concen: 18.207 ng/ul

RT: 8.310 min Scan# 888

Delta R.T. 0.000 min

Lab File: BP018400.D

Acq: 27 Nov 2023 14:57

Instrument :

BNA_P

ClientSampleId :

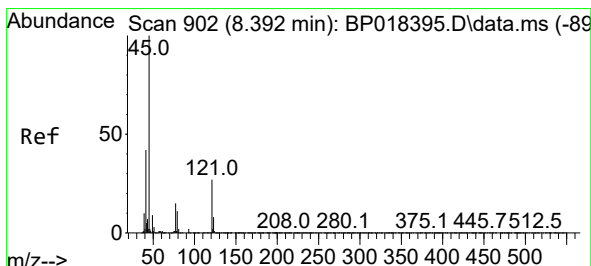
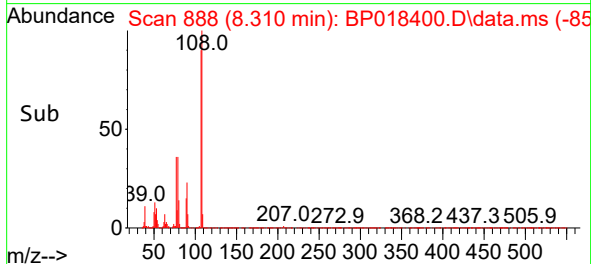
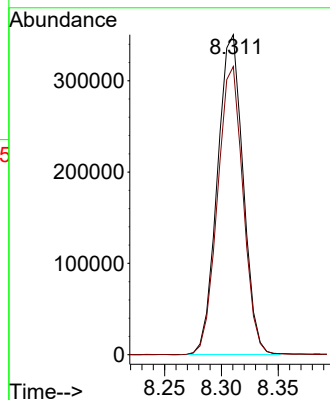
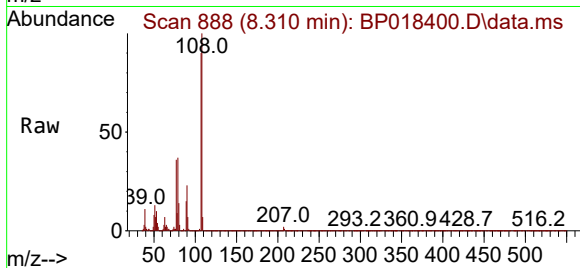
A49W2MSD

Tgt Ion:108 Resp: 552142

Ion Ratio Lower Upper

108 100

107 90.0 70.9 106.3



#14

2,2'-oxybis(1-Chloropropane)

Concen: 26.278 ng/ul

RT: 8.393 min Scan# 902

Delta R.T. 0.000 min

Lab File: BP018400.D

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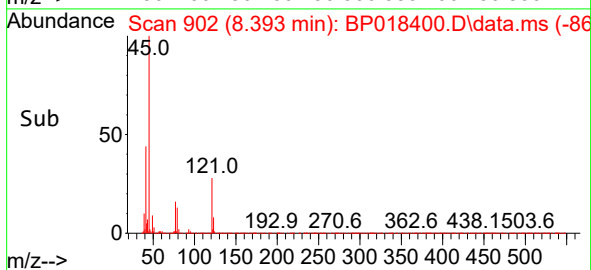
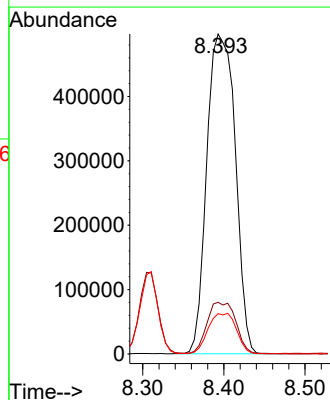
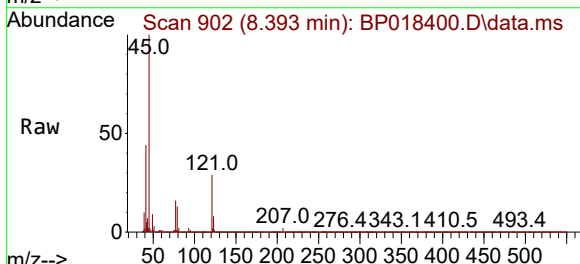
Tgt Ion: 45 Resp: 1211385

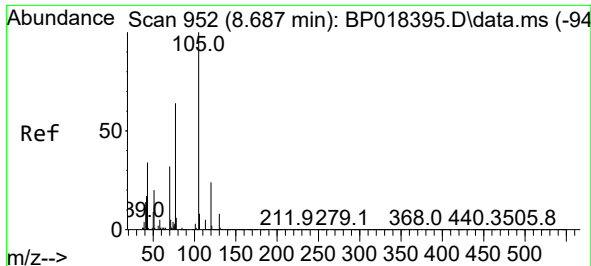
Ion Ratio Lower Upper

45 100

77 16.1 11.4 17.2

79 12.6 8.4 12.6#

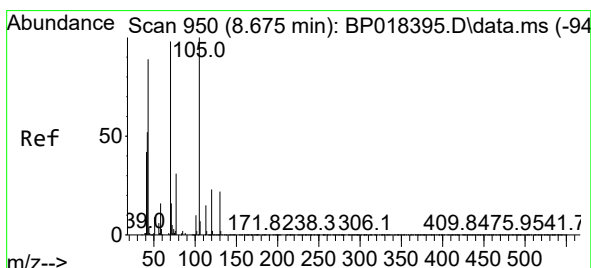
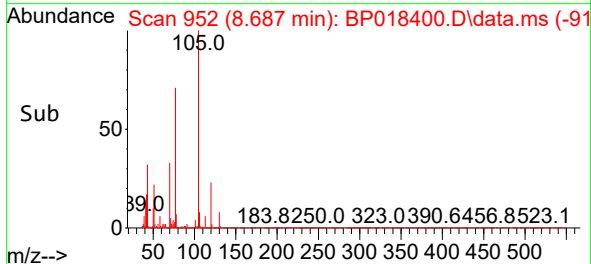
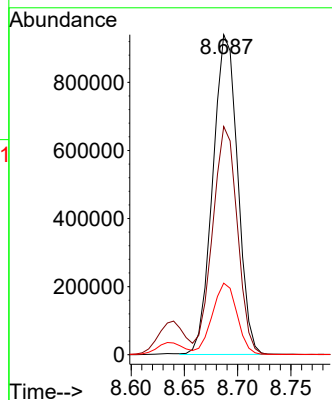
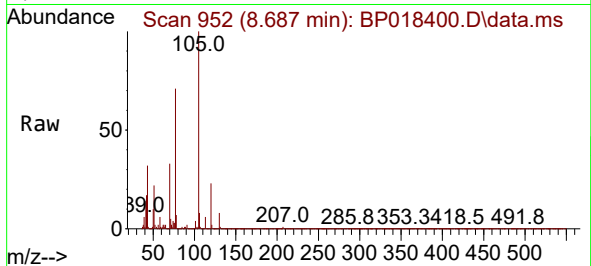




#16
Acetophenone
Concen: 31.141 ng/ul
RT: 8.687 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP018400.D
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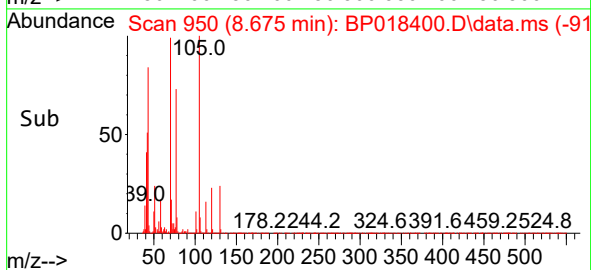
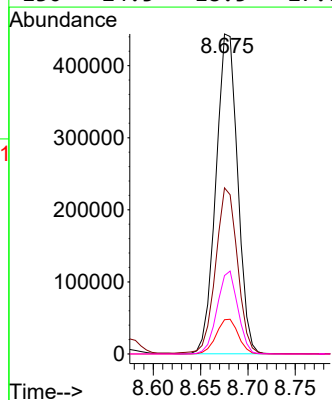
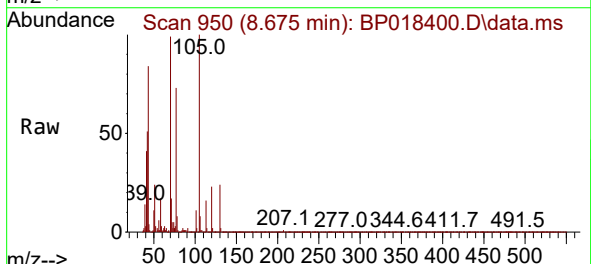
Instrument :
BNA_P
ClientSampleId :
A49W2MSD

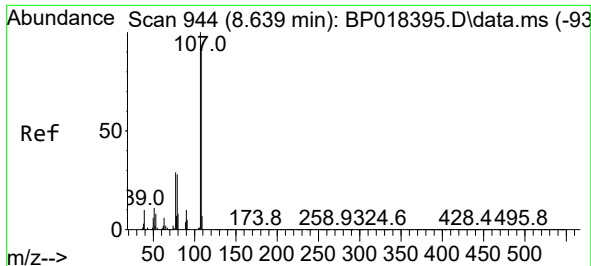
Tgt Ion:105 Resp: 1526308
Ion Ratio Lower Upper
105 100
77 71.3 59.5 89.3
51 22.4 20.5 30.7



#17
N-Nitroso-di-n-propylamine
Concen: 25.846 ng/ul
RT: 8.675 min Scan# 950
Delta R.T. 0.000 min
Lab File: BP018400.D
Acq: 27 Nov 2023 14:57

Tgt Ion: 70 Resp: 707653
Ion Ratio Lower Upper
70 100
42 51.9 46.8 70.2
101 10.7 8.4 12.6
130 24.5 18.5 27.7

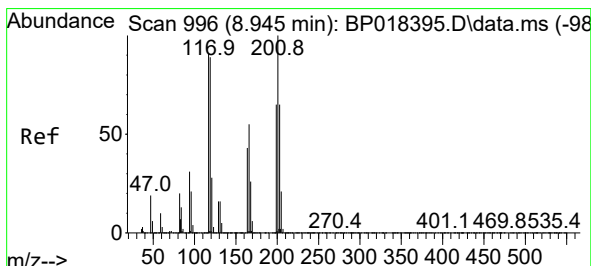
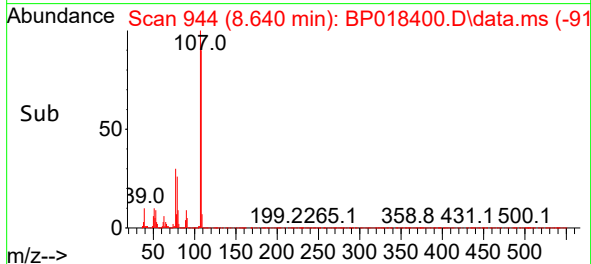
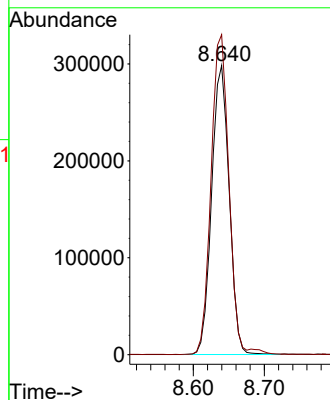
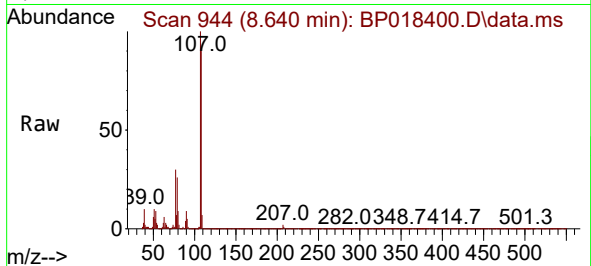




#18
4-Methylphenol
Concen: 15.785 ng/ul
RT: 8.640 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP018400.D
Acq: 27 Nov 2023 14:57

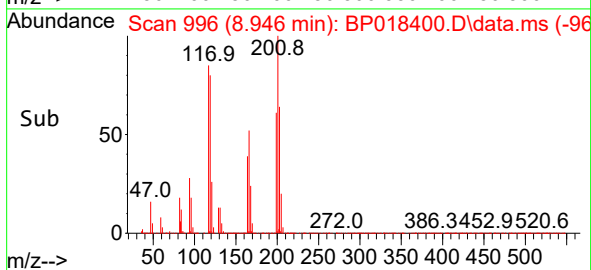
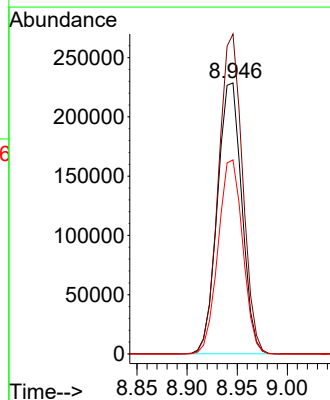
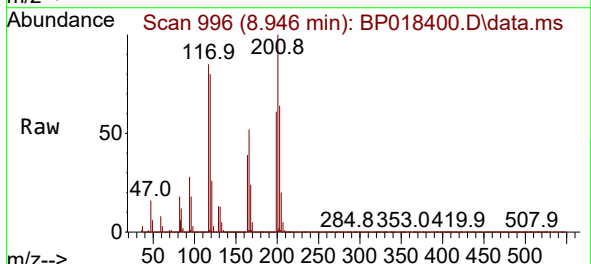
Instrument :
BNA_P
ClientSampleId :
A49W2MSD

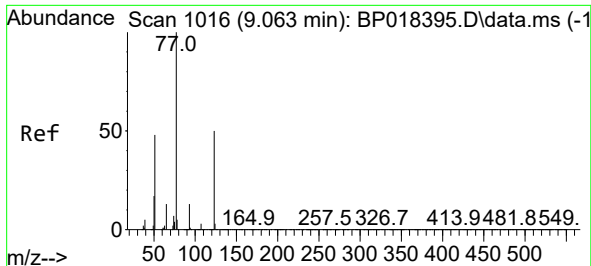
Tgt Ion:108 Resp: 511156
Ion Ratio Lower Upper
108 100
107 110.7 89.5 134.3



#19
Hexachloroethane
Concen: 27.674 ng/ul
RT: 8.946 min Scan# 996
Delta R.T. 0.000 min
Lab File: BP018400.D
Acq: 27 Nov 2023 14:57

Tgt Ion:117 Resp: 386377
Ion Ratio Lower Upper
117 100
201 118.1 85.6 128.4
199 71.6 54.2 81.4

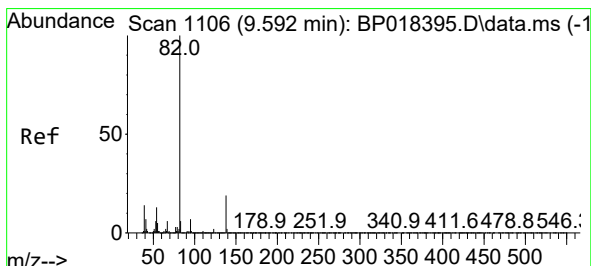
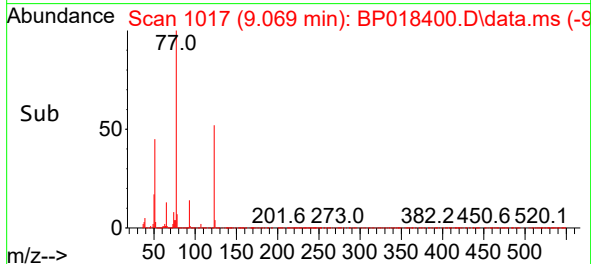
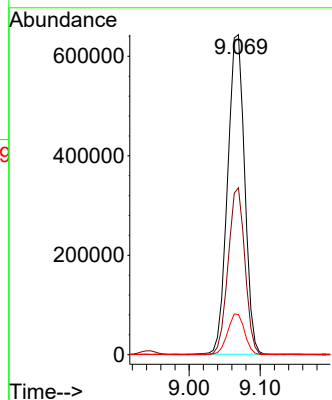
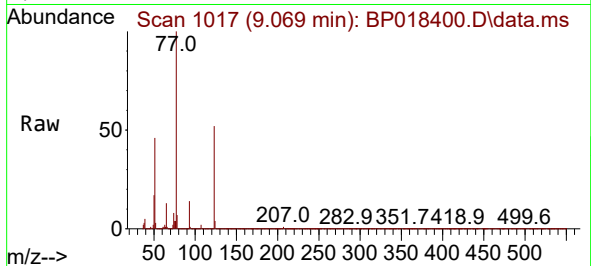




#22
Nitrobenzene
Concen: 31.540 ng/ul
RT: 9.069 min Scan# 1107
Delta R.T. 0.006 min
Lab File: BP018400.D
Acq: 27 Nov 2023 14:57

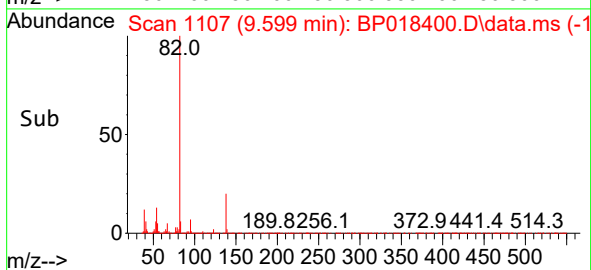
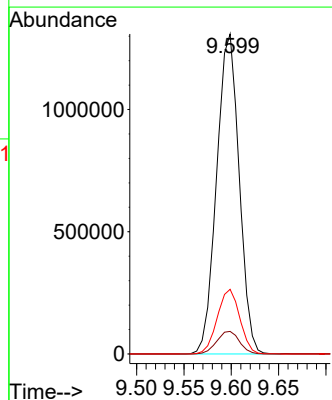
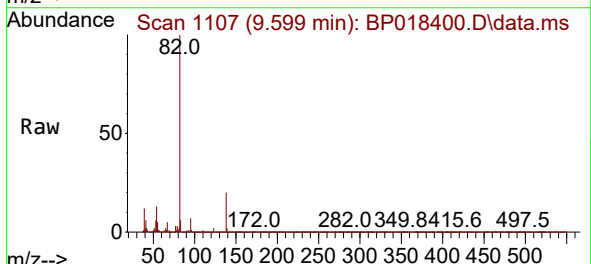
Instrument :
BNA_P
ClientSampleId :
A49W2MSD

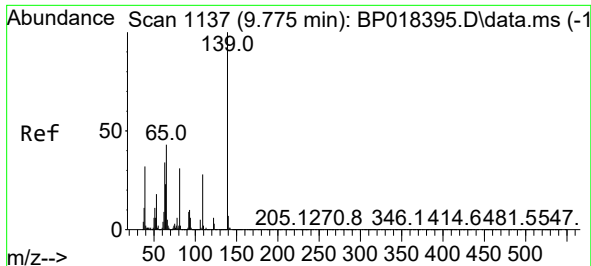
Tgt Ion: 77 Resp: 1068554
Ion Ratio Lower Upper
77 100
123 52.1 37.7 56.5
65 12.6 10.5 15.7



#23
Isophorone
Concen: 28.658 ng/ul
RT: 9.599 min Scan# 1107
Delta R.T. 0.006 min
Lab File: BP018400.D
Acq: 27 Nov 2023 14:57

Tgt Ion: 82 Resp: 2163976
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.6
138 20.2 14.9 22.3

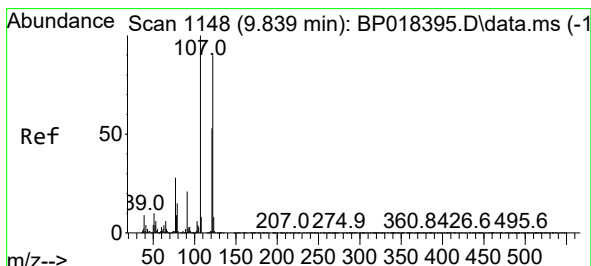
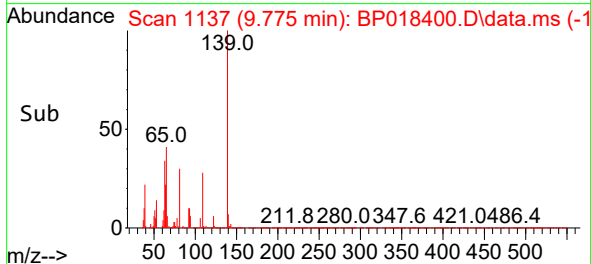
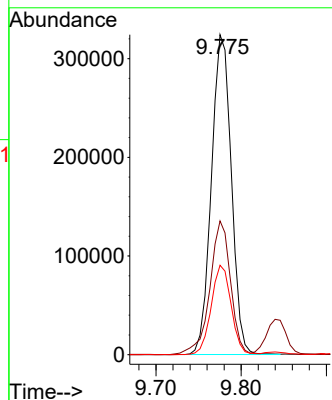
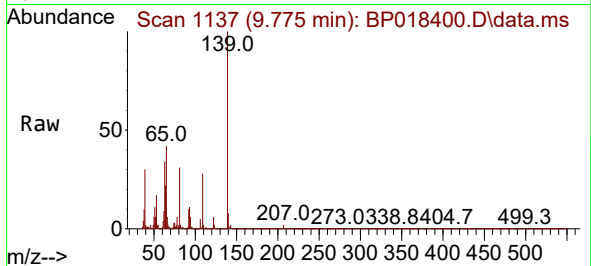




#25
2-Nitrophenol
Concen: 35.098 ng/ul
RT: 9.775 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BP018400.D
Acq: 27 Nov 2023 14:57

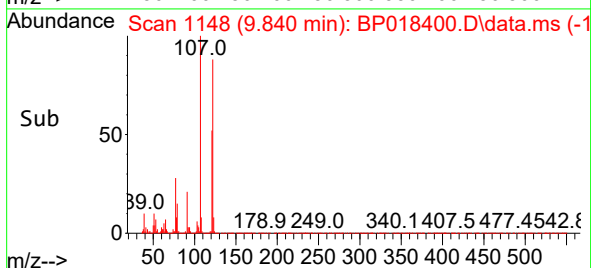
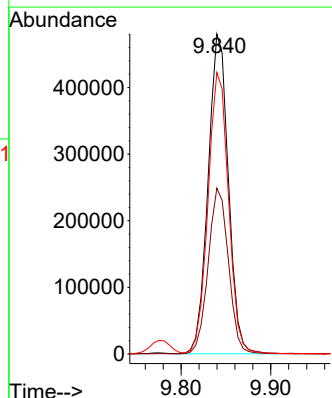
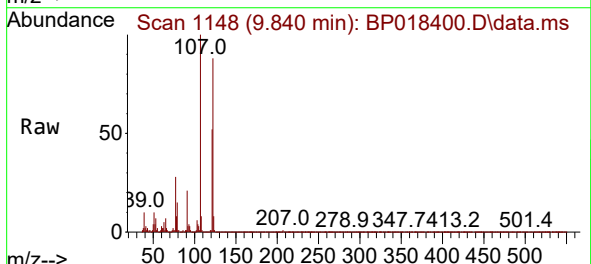
Instrument :
BNA_P
ClientSampleId :
A49W2MSD

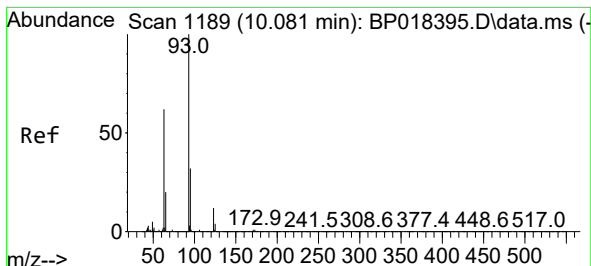
Tgt Ion:139 Resp: 527400
Ion Ratio Lower Upper
139 100
65 41.8 38.3 57.5
109 27.9 23.4 35.0



#26
2,4-Dimethylphenol
Concen: 22.318 ng/ul
RT: 9.840 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BP018400.D
Acq: 27 Nov 2023 14:57

Tgt Ion:107 Resp: 752952
Ion Ratio Lower Upper
107 100
121 51.8 40.0 60.0
122 87.9 70.4 105.6





#27

Bis(2-Chloroethoxy)methane

Concen: 30.696 ng/ul

RT: 10.081 min Scan# 1189

Delta R.T. 0.000 min

Lab File: BP018400.D

Acq: 27 Nov 2023 14:57

Instrument :

BNA_P

ClientSampleId :

A49W2MSD

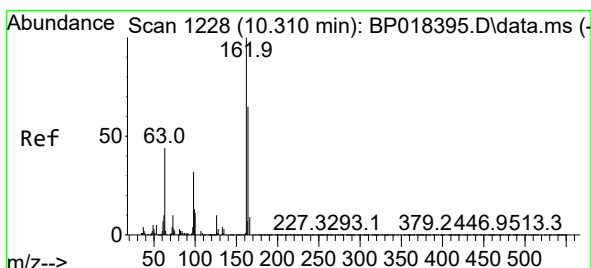
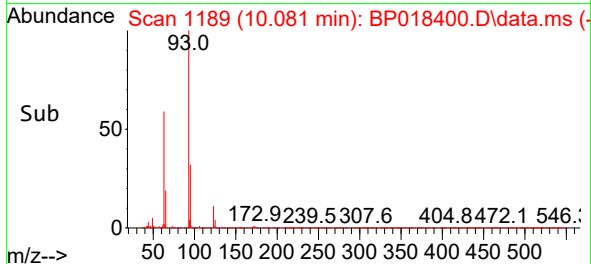
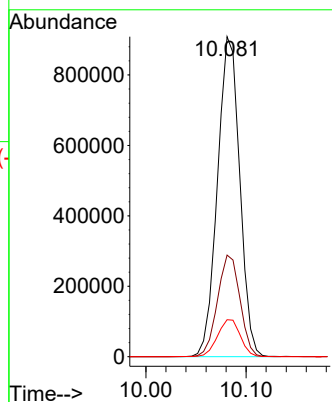
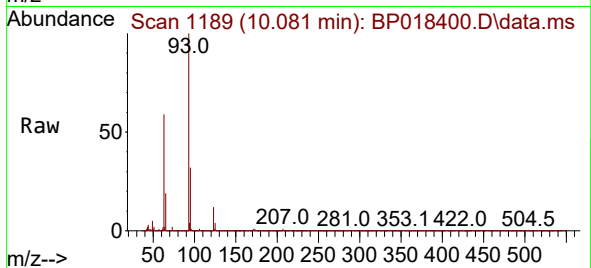
Tgt Ion: 93 Resp: 1399846

Ion Ratio Lower Upper

93 100

95 31.7 26.0 39.0

123 11.5 9.1 13.7



#29

2,4-Dichlorophenol

Concen: 30.808 ng/ul

RT: 10.310 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BP018400.D

Acq: 27 Nov 2023 14:57

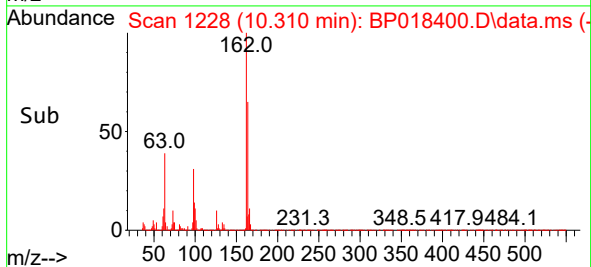
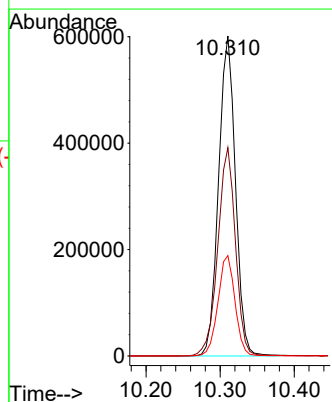
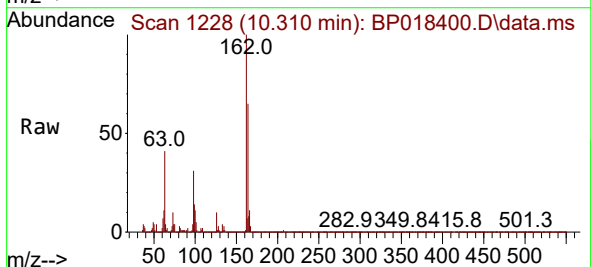
Tgt Ion:162 Resp: 950871

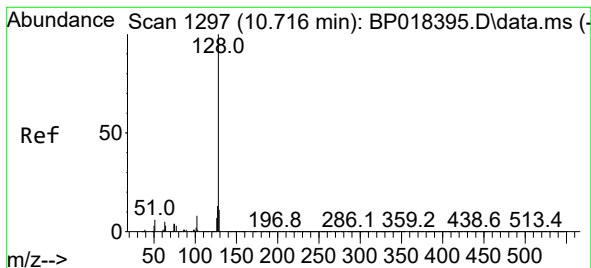
Ion Ratio Lower Upper

162 100

164 65.1 53.0 79.6

98 31.4 27.7 41.5





#30

Naphthalene

Concen: 31.111 ng/ul

RT: 10.710 min Scan# 1297

Delta R.T. -0.005 min

Lab File: BP018400.D

Acq: 27 Nov 2023 14:57

Instrument :

BNA_P

ClientSampleId :

A49W2MSD

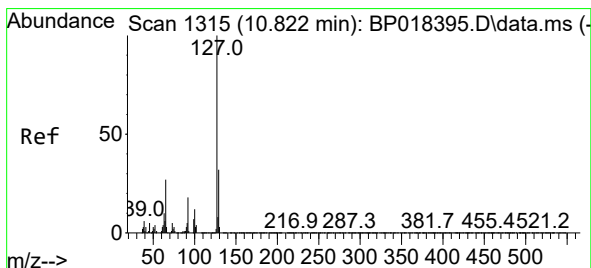
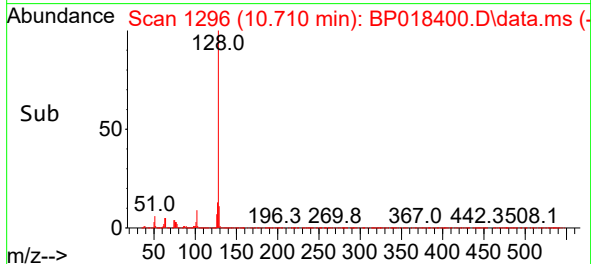
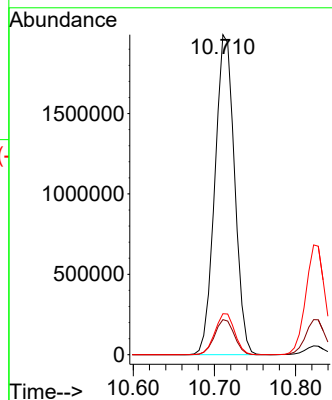
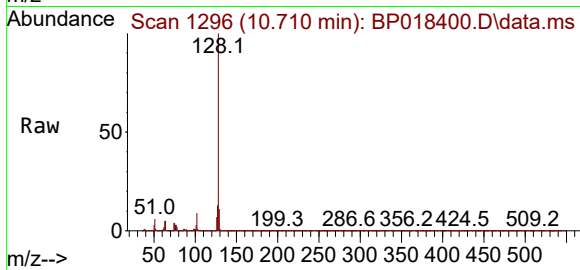
Tgt Ion:128 Resp: 3350121

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

127 12.8 10.4 15.6



#32

4-Chloroaniline

Concen: 27.572 ng/ul

RT: 10.822 min Scan# 1315

Delta R.T. 0.000 min

Lab File: BP018400.D

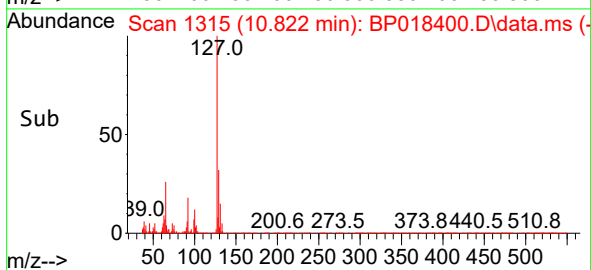
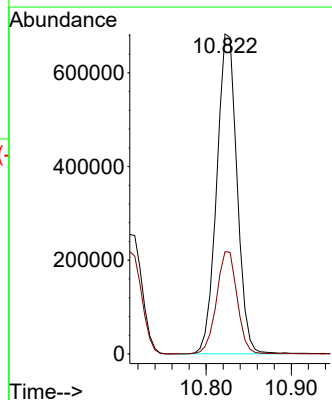
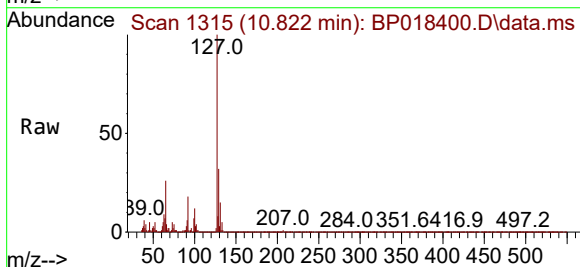
Acq: 27 Nov 2023 14:57

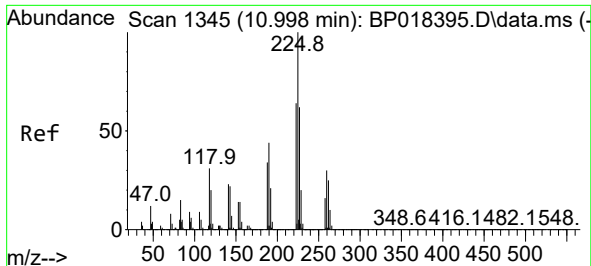
Tgt Ion:127 Resp: 1130700

Ion Ratio Lower Upper

127 100

129 32.0 25.8 38.8

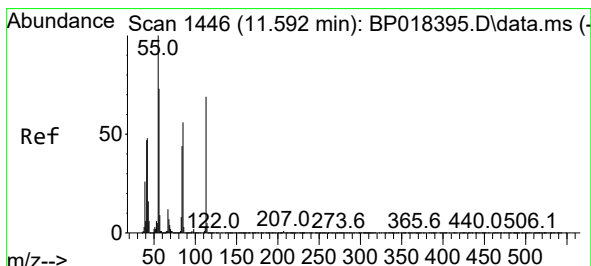
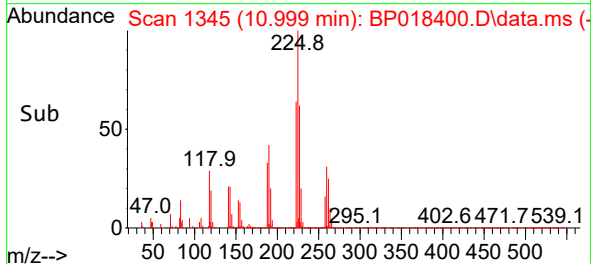
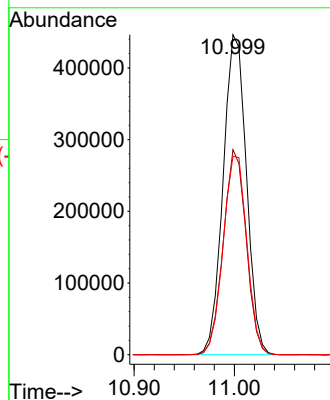
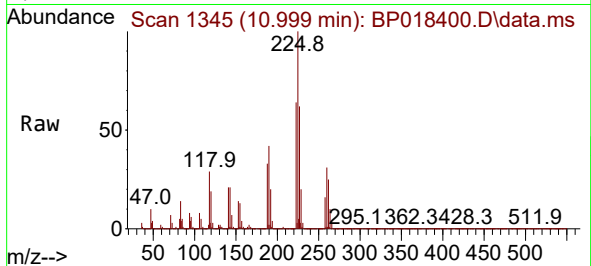




#33
Hexachlorobutadiene
Concen: 34.248 ng/ul
RT: 10.999 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP018400.D
Acq: 27 Nov 2023 14:57

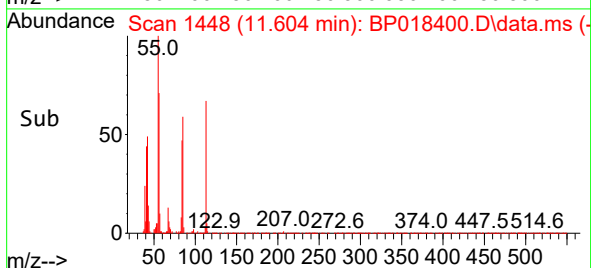
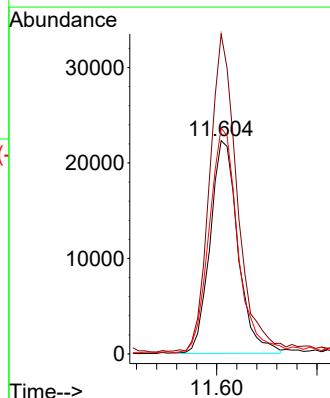
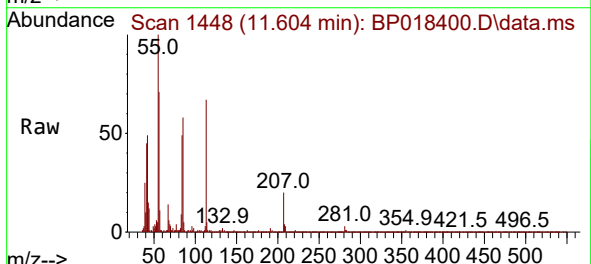
Instrument :
BNA_P
ClientSampleId :
A49W2MSD

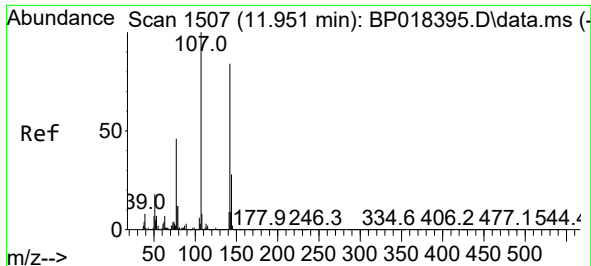
Tgt Ion:225 Resp: 720945
Ion Ratio Lower Upper
225 100
223 64.0 50.2 75.4
227 62.0 50.4 75.6



#34
Caprolactam
Concen: 4.839 ng/ul
RT: 11.604 min Scan# 1448
Delta R.T. 0.012 min
Lab File: BP018400.D
Acq: 27 Nov 2023 14:57

Tgt Ion:113 Resp: 43036
Ion Ratio Lower Upper
113 100
55 150.0 129.0 193.4
56 105.9 94.8 142.2

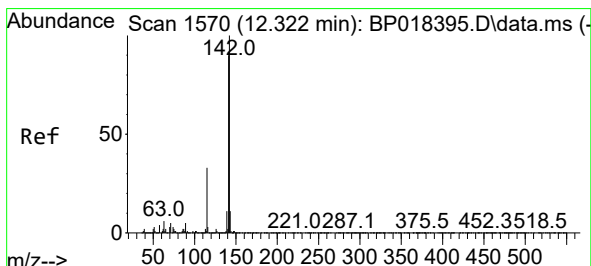
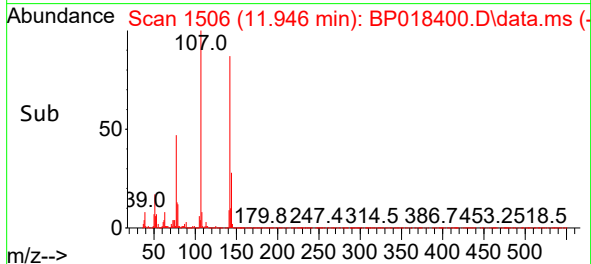
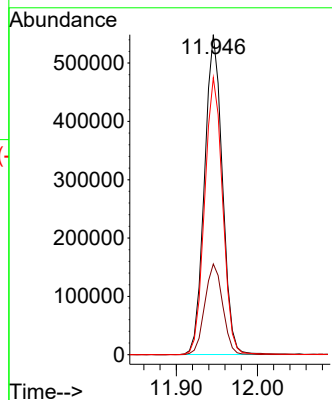
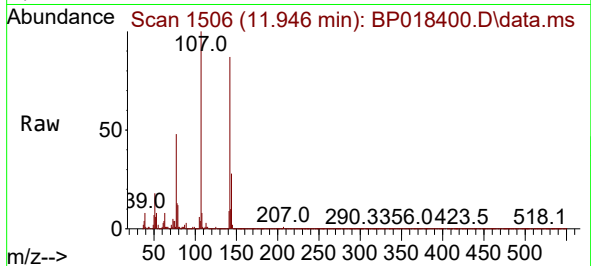




#35
4-Chloro-3-methylphenol
Concen: 25.418 ng/ul
RT: 11.946 min Scan# 1506
Delta R.T. -0.005 min
Lab File: BP018400.D
Acq: 27 Nov 2023 14:57

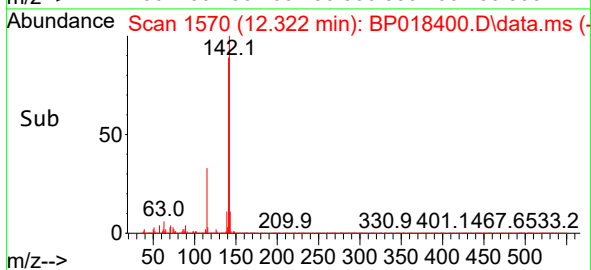
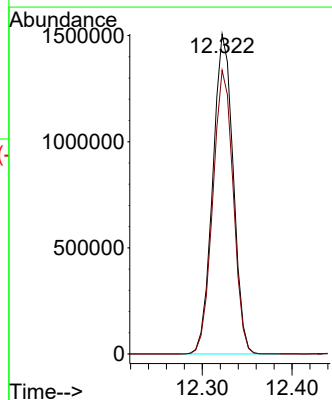
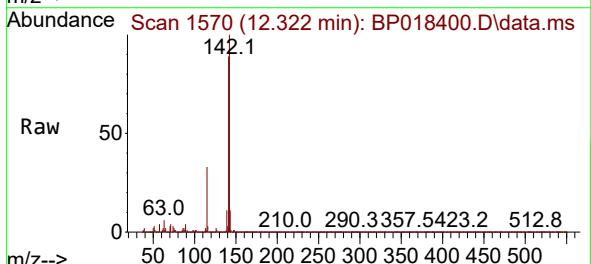
Instrument :
BNA_P
ClientSampleId :
A49W2MSD

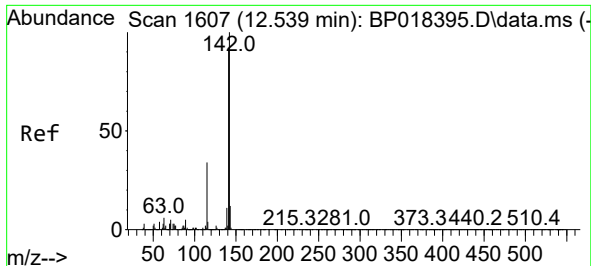
Tgt Ion:107 Resp: 838792
Ion Ratio Lower Upper
107 100
144 28.4 21.6 32.4
142 86.6 65.4 98.0



#36
2-Methylnaphthalene
Concen: 31.212 ng/ul
RT: 12.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BP018400.D
Acq: 27 Nov 2023 14:57

Tgt Ion:142 Resp: 2378648
Ion Ratio Lower Upper
142 100
141 88.7 71.0 106.4





#37

1-Methylnaphthalene

Concen: 30.538 ng/ul

RT: 12.540 min Scan# 1607

Delta R.T. 0.000 min

Lab File: BP018400.D

Acq: 27 Nov 2023 14:57

Instrument :

BNA_P

ClientSampleId :

A49W2MSD

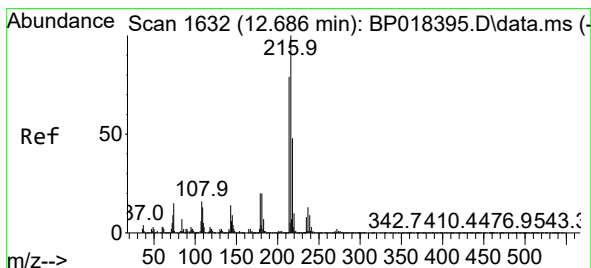
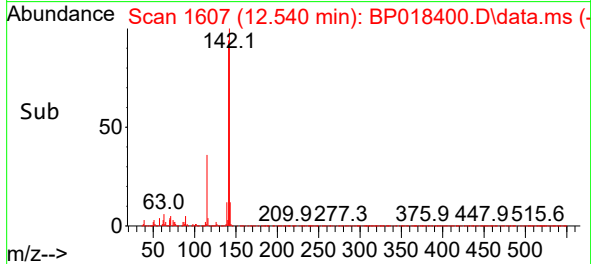
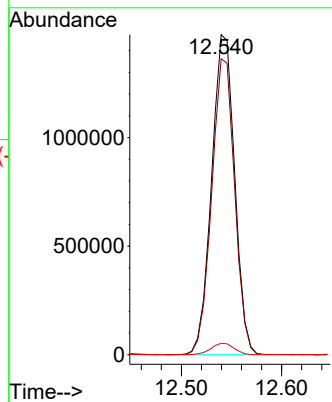
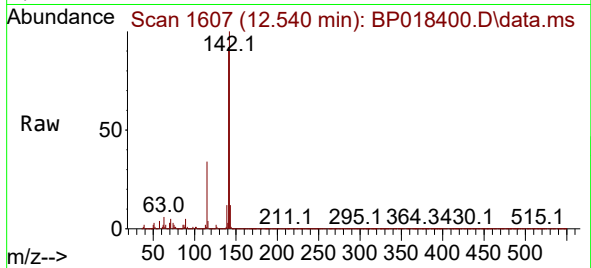
Tgt Ion:142 Resp: 2342634

Ion Ratio Lower Upper

142 100

141 92.5 73.9 110.9

116 3.5 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.349 ng/ul

RT: 12.687 min Scan# 1632

Delta R.T. 0.000 min

Lab File: BP018400.D

Acq: 27 Nov 2023 14:57

Tgt Ion:216 Resp: 1411235

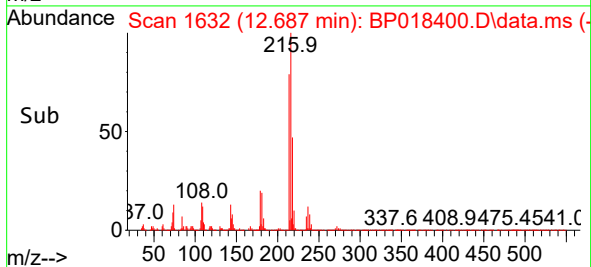
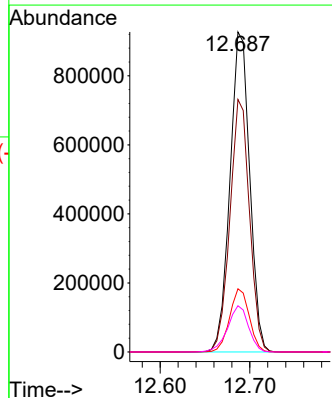
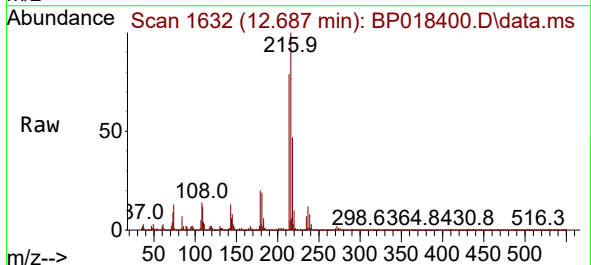
Ion Ratio Lower Upper

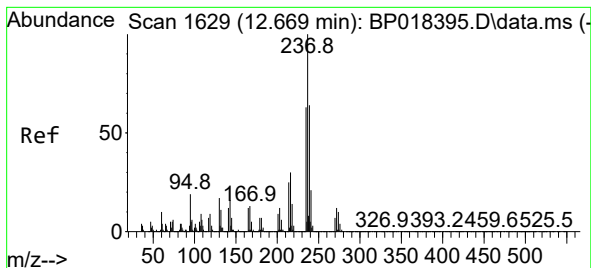
216 100

214 78.9 63.3 94.9

179 19.8 17.3 25.9

108 14.5 13.4 20.0





#40

Hexachlorocyclopentadiene

Concen: 29.131 ng/ul

RT: 12.669 min Scan# 1629

Delta R.T. 0.000 min

Lab File: BP018400.D

Acq: 27 Nov 2023 14:57

Instrument :

BNA_P

ClientSampleId :

A49W2MSD

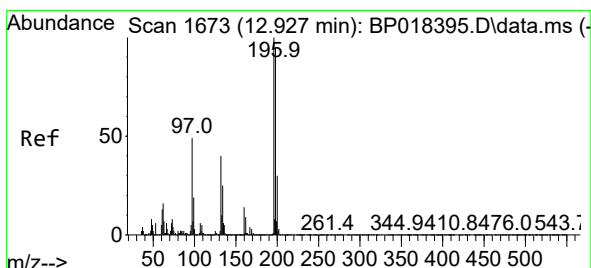
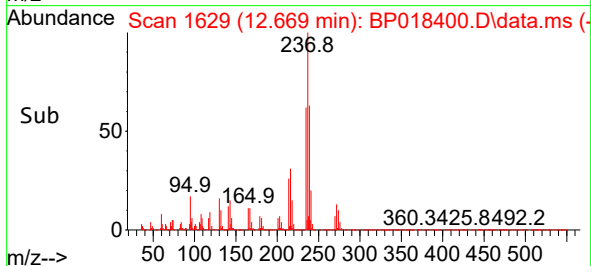
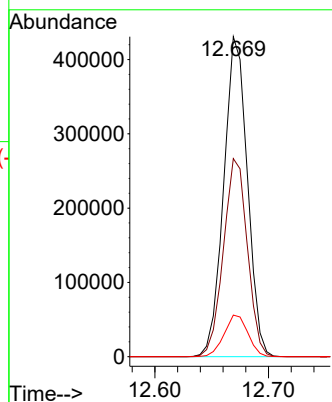
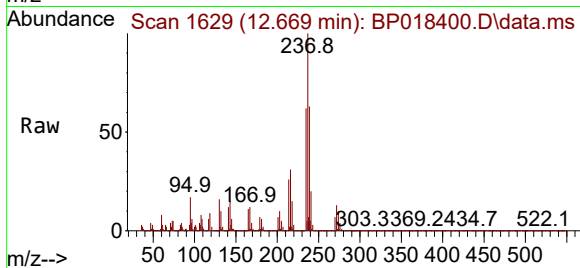
Tgt Ion:237 Resp: 623419

Ion Ratio Lower Upper

237 100

235 61.9 50.7 76.1

272 13.0 10.3 15.5



#41

2,4,6-Trichlorophenol

Concen: 37.707 ng/ul

RT: 12.928 min Scan# 1673

Delta R.T. 0.000 min

Lab File: BP018400.D

Acq: 27 Nov 2023 14:57

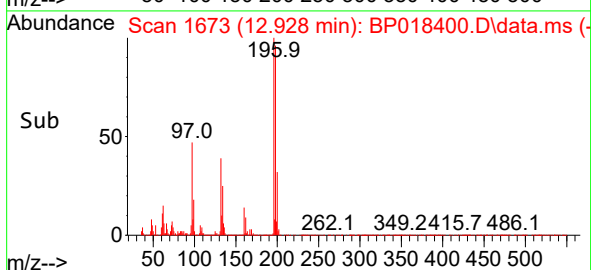
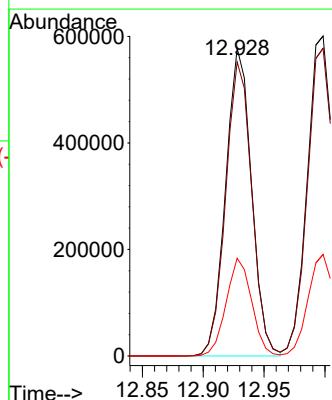
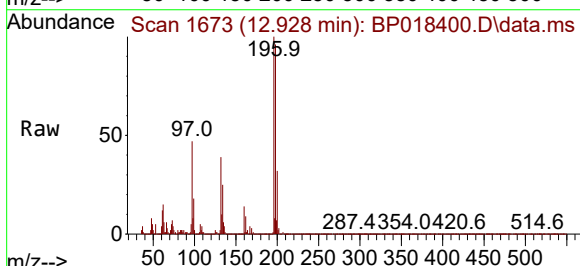
Tgt Ion:196 Resp: 855645

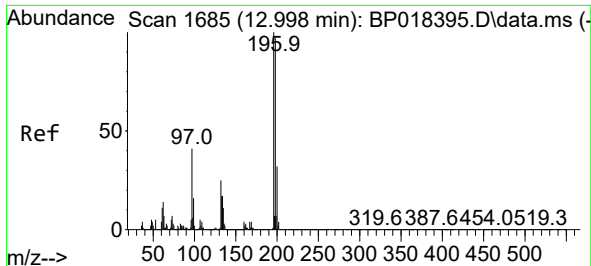
Ion Ratio Lower Upper

196 100

198 95.5 78.0 117.0

200 31.7 24.6 37.0

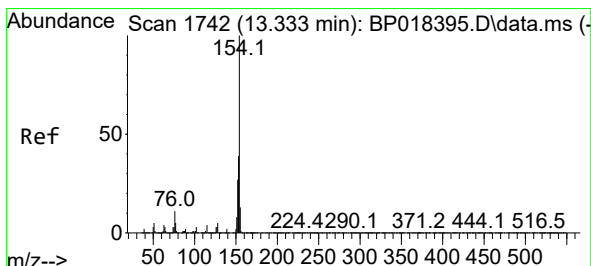
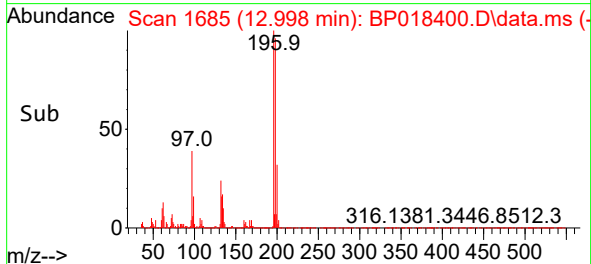
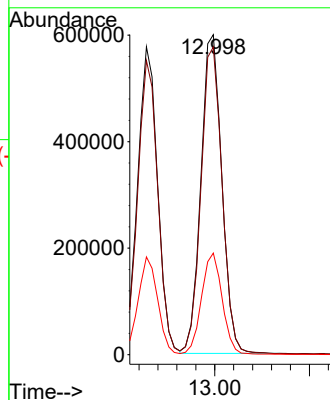
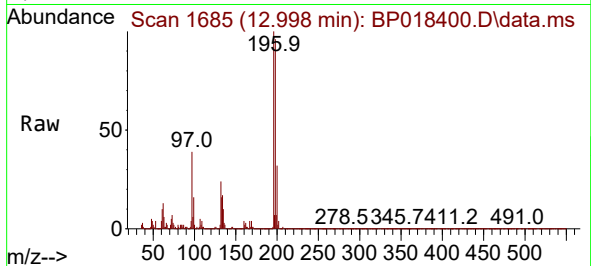




#42
2,4,5-Trichlorophenol
Concen: 37.363 ng/ul
RT: 12.998 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BP018400.D
Acq: 27 Nov 2023 14:57

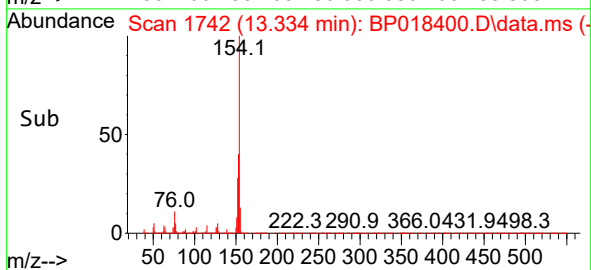
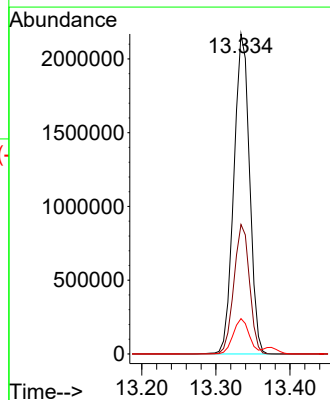
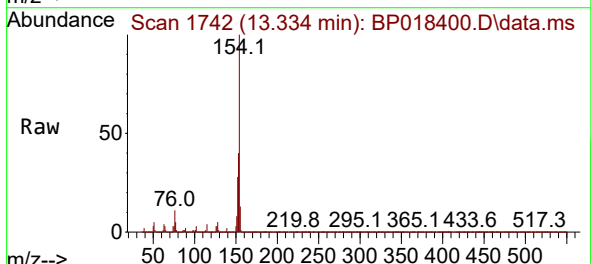
Instrument :
BNA_P
ClientSampleId :
A49W2MSD

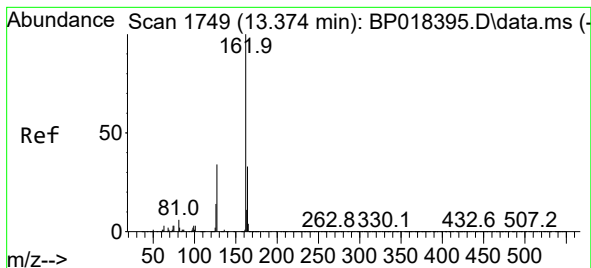
Tgt Ion:196 Resp: 916795
Ion Ratio Lower Upper
196 100
198 96.1 76.7 115.1
200 31.8 24.6 36.8



#43
1,1'-Biphenyl
Concen: 34.257 ng/ul
RT: 13.334 min Scan# 1742
Delta R.T. 0.000 min
Lab File: BP018400.D
Acq: 27 Nov 2023 14:57

Tgt Ion:154 Resp: 3193265
Ion Ratio Lower Upper
154 100
153 40.5 32.2 48.2
76 11.1 9.9 14.9





#44

2-Chloronaphthalene

Concen: 34.364 ng/ul

RT: 13.375 min Scan# 1749

Delta R.T. 0.000 min

Lab File: BP018400.D

Acq: 27 Nov 2023 14:57

Instrument :

BNA_P

ClientSampleId :

A49W2MSD

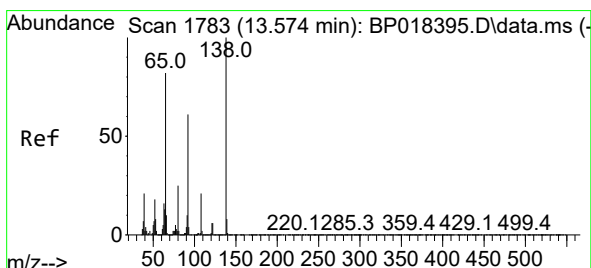
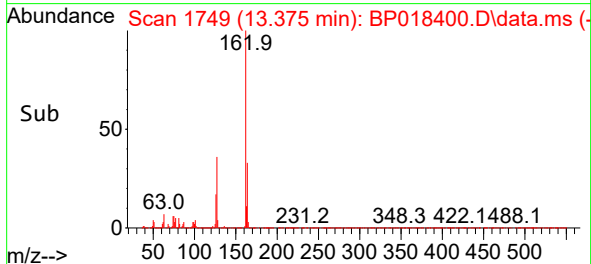
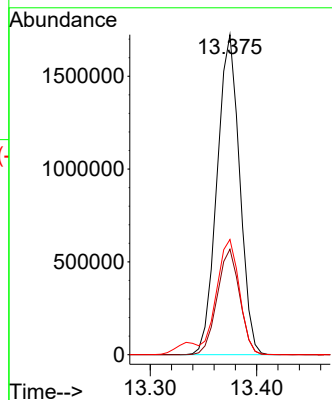
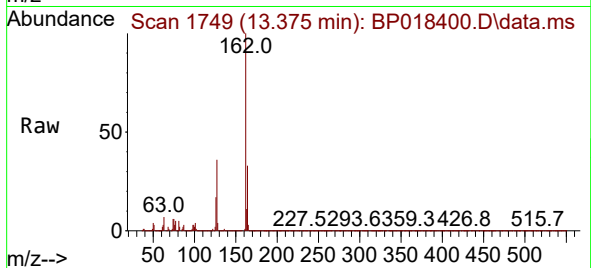
Tgt Ion:162 Resp: 2535238

Ion Ratio Lower Upper

162 100

164 32.9 26.2 39.4

127 36.0 30.6 45.8



#45

2-Nitroaniline

Concen: 36.915 ng/ul

RT: 13.581 min Scan# 1784

Delta R.T. 0.006 min

Lab File: BP018400.D

Acq: 27 Nov 2023 14:57

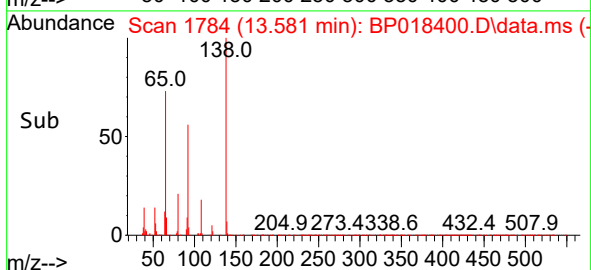
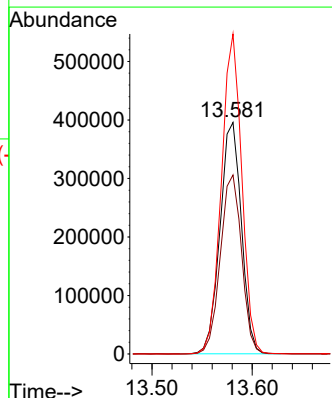
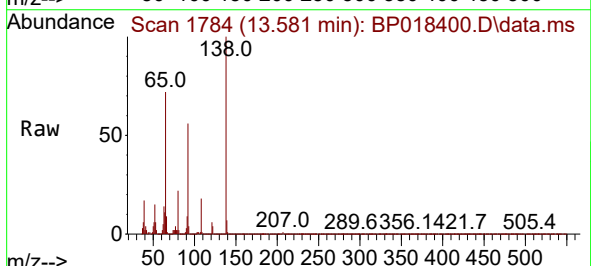
Tgt Ion: 65 Resp: 586010

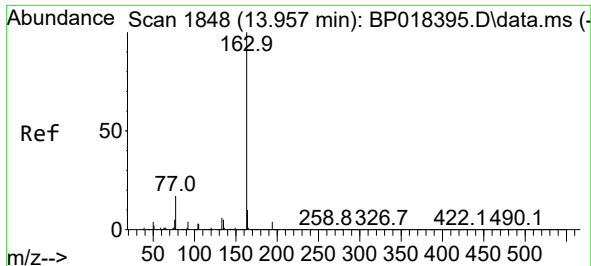
Ion Ratio Lower Upper

65 100

92 77.3 57.4 86.2

138 138.2 90.6 136.0#

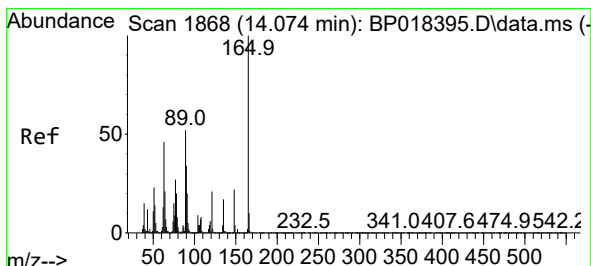
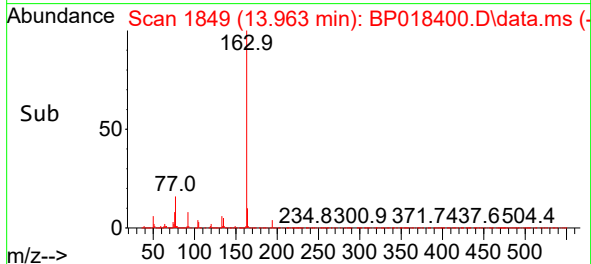
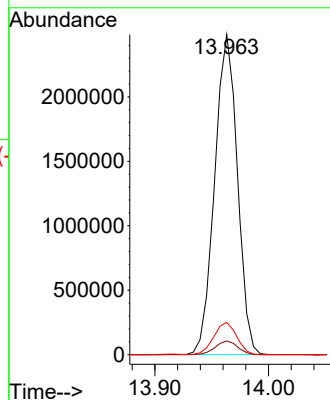
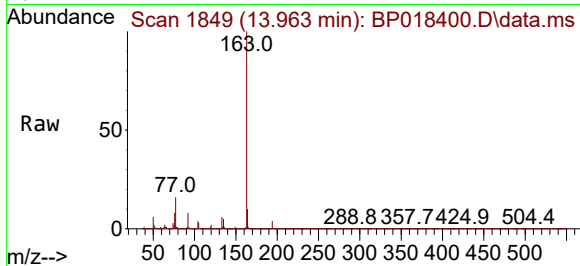




#47
Dimethylphthalate
Concen: 37.057 ng/ul
RT: 13.963 min Scan# 1849
Delta R.T. 0.006 min
Lab File: BP018400.D
Acq: 27 Nov 2023 14:57

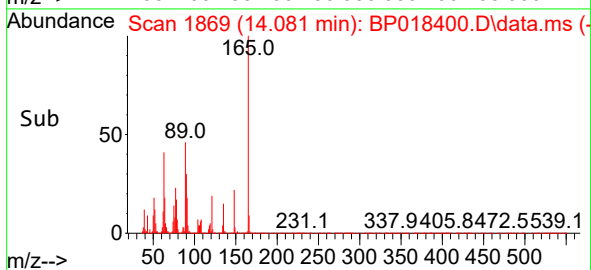
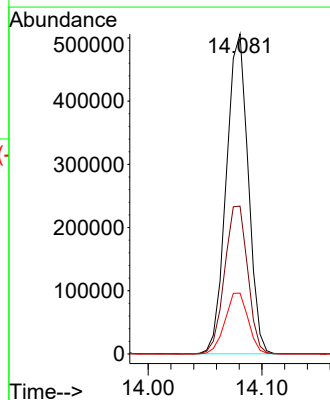
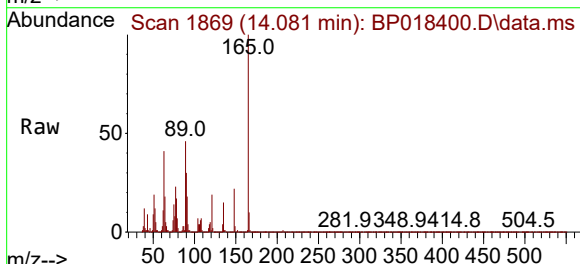
Instrument :
BNA_P
ClientSampleId :
A49W2MSD

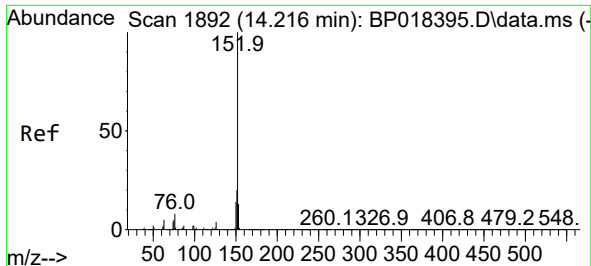
Tgt Ion:163 Resp: 3451671
Ion Ratio Lower Upper
163 100
194 4.3 3.1 4.7
164 10.1 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 43.143 ng/ul
RT: 14.081 min Scan# 1869
Delta R.T. 0.006 min
Lab File: BP018400.D
Acq: 27 Nov 2023 14:57

Tgt Ion:165 Resp: 677502
Ion Ratio Lower Upper
165 100
89 46.2 45.8 68.6
121 19.0 17.8 26.8

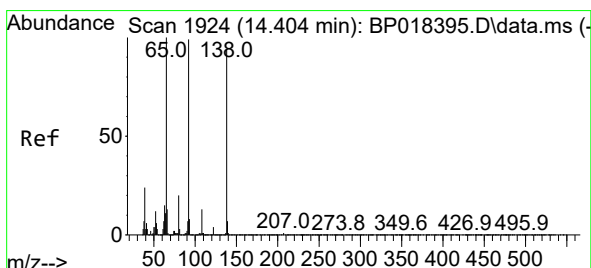
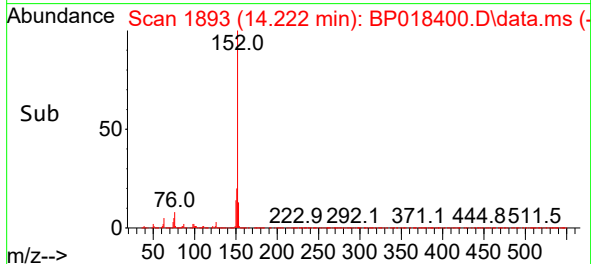
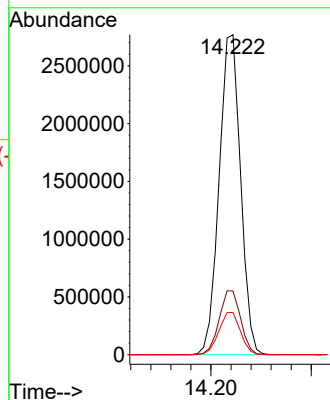
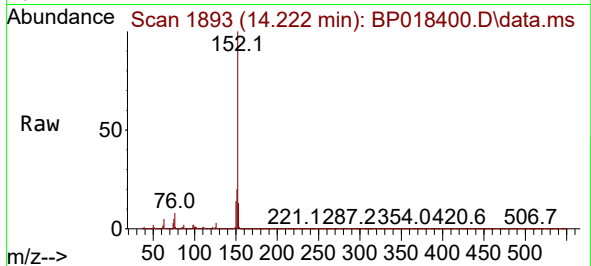




#50
Acenaphthylene
Concen: 33.922 ng/ul
RT: 14.222 min Scan# 1893
Delta R.T. 0.006 min
Lab File: BP018400.D
Acq: 27 Nov 2023 14:57

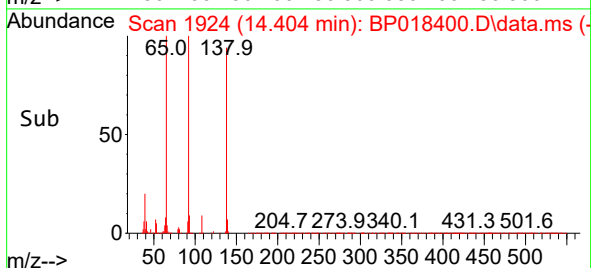
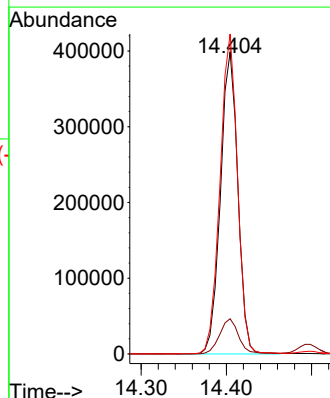
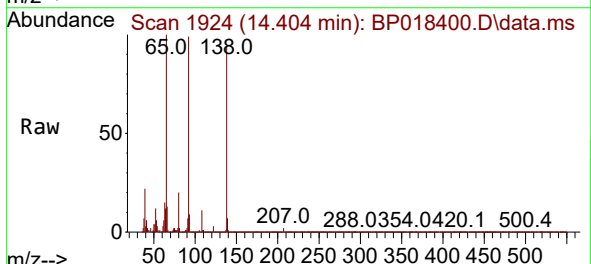
Instrument :
BNA_P
ClientSampleId :
A49W2MSD

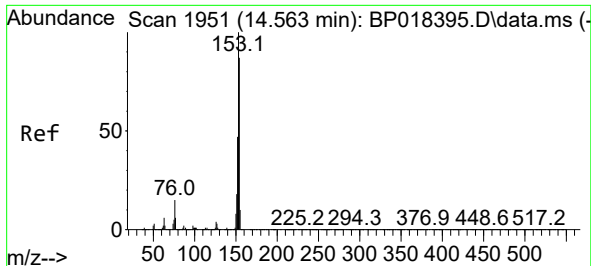
Tgt Ion:152 Resp: 4101409
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.2 10.8 16.2



#51
3-Nitroaniline
Concen: 36.212 ng/ul
RT: 14.404 min Scan# 1924
Delta R.T. 0.000 min
Lab File: BP018400.D
Acq: 27 Nov 2023 14:57

Tgt Ion:138 Resp: 565002
Ion Ratio Lower Upper
138 100
108 11.7 13.2 19.8#
92 106.0 90.2 135.4

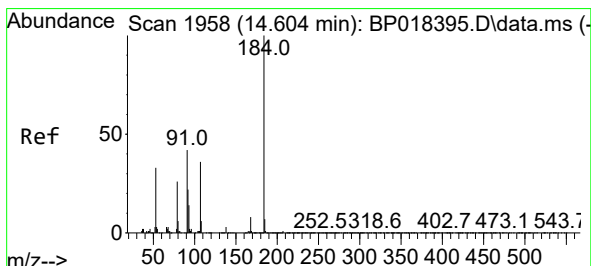
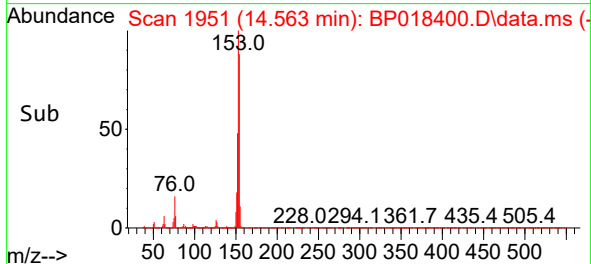
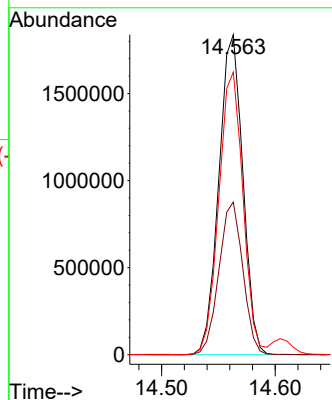
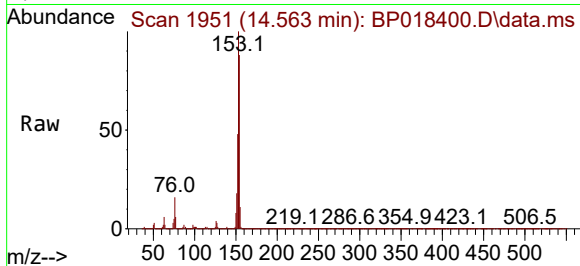




#52
Acenaphthene
Concen: 34.172 ng/ul
RT: 14.563 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BP018400.D
Acq: 27 Nov 2023 14:57

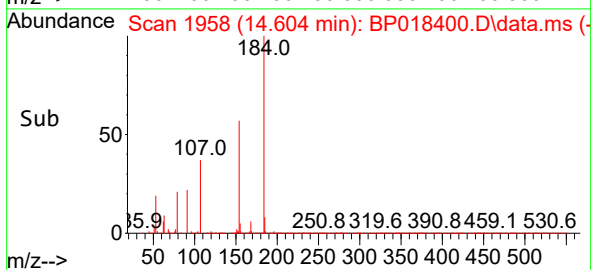
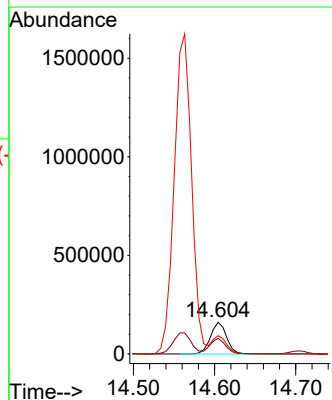
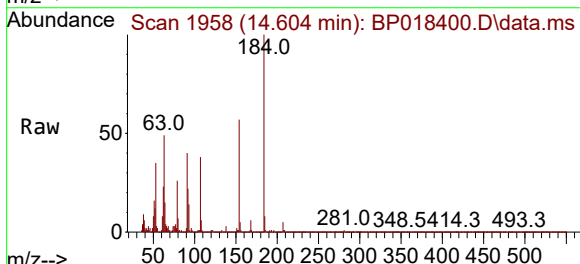
Instrument :
BNA_P
ClientSampleId :
A49W2MSD

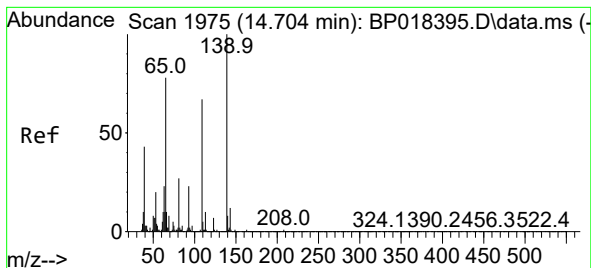
Tgt Ion:153 Resp: 2699076
Ion Ratio Lower Upper
153 100
152 47.7 37.8 56.8
154 88.3 71.2 106.8



#53
2,4-Dinitrophenol
Concen: 40.170 ng/ul
RT: 14.604 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BP018400.D
Acq: 27 Nov 2023 14:57

Tgt Ion:184 Resp: 220078
Ion Ratio Lower Upper
184 100
63 49.1 41.8 62.6
154 57.4 47.3 70.9

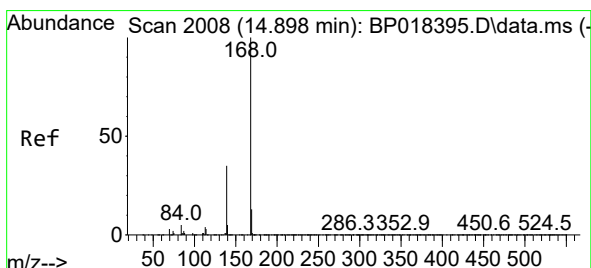
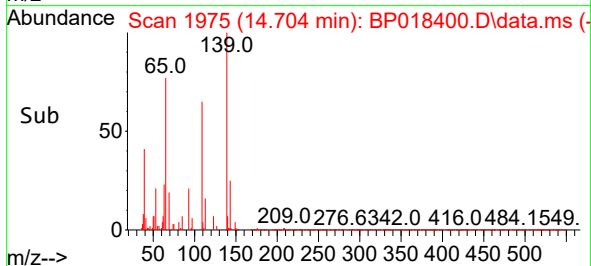
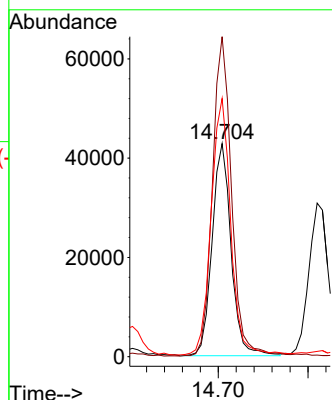
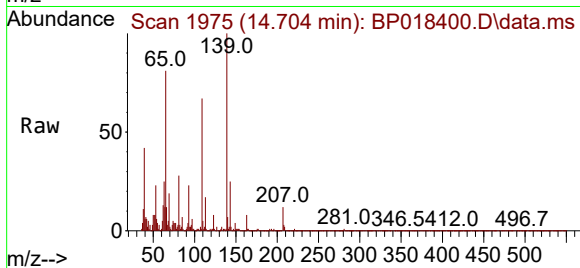




#55
4-Nitrophenol
Concen: 6.454 ng/ul
RT: 14.704 min Scan# 1975
Delta R.T. 0.000 min
Lab File: BP018400.D
Acq: 27 Nov 2023 14:57

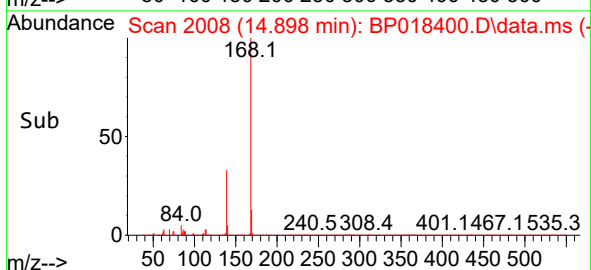
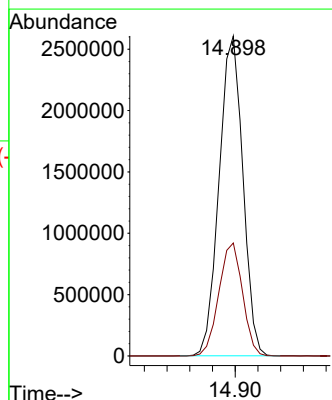
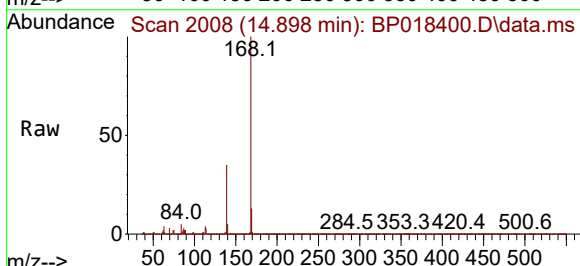
Instrument :
BNA_P
ClientSampleId :
A49W2MSD

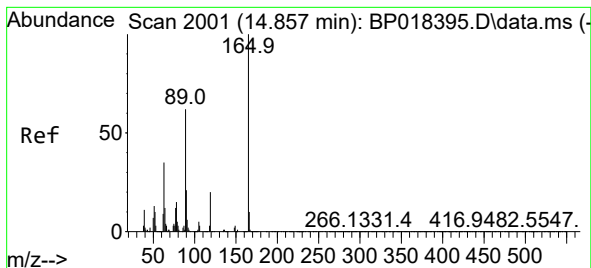
Tgt Ion:109 Resp: 62839
Ion Ratio Lower Upper
109 100
139 150.1 113.0 169.4
65 121.1 99.6 149.4



#56
Dibenzofuran
Concen: 35.039 ng/ul
RT: 14.898 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BP018400.D
Acq: 27 Nov 2023 14:57

Tgt Ion:168 Resp: 3783528
Ion Ratio Lower Upper
168 100
139 35.3 29.0 43.4





#57

2,4-Dinitrotoluene

Concen: 43.941 ng/ul

RT: 14.863 min Scan# 2001

Delta R.T. 0.006 min

Lab File: BP018400.D

Acq: 27 Nov 2023 14:57

Instrument :

BNA_P

ClientSampleId :

A49W2MSD

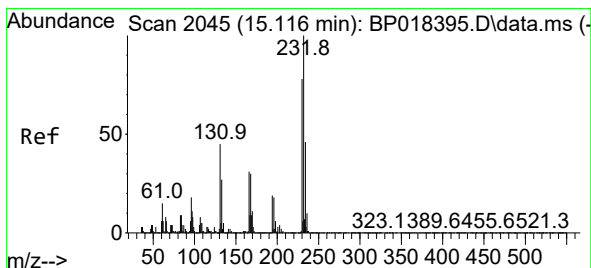
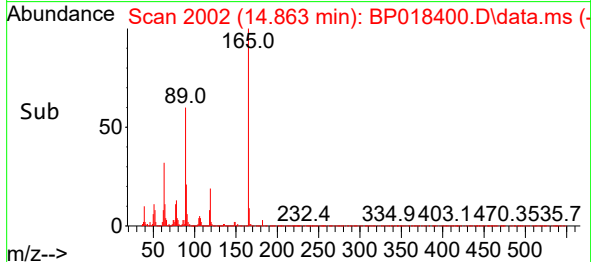
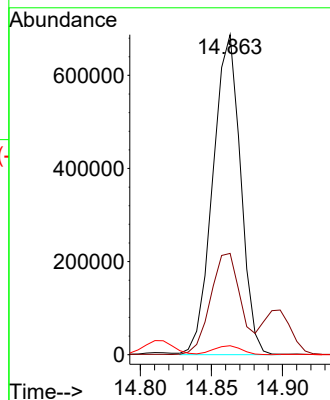
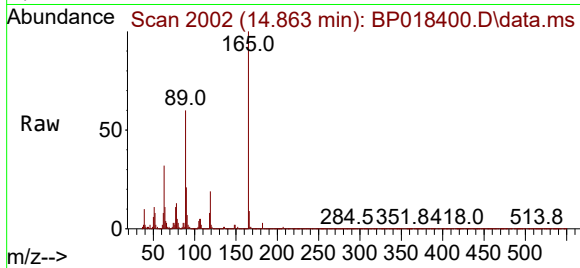
Tgt Ion:165 Resp: 932475

Ion Ratio Lower Upper

165 100

63 31.7 32.1 48.1#

182 2.8 2.0 3.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.294 ng/ul

RT: 15.122 min Scan# 2046

Delta R.T. 0.006 min

Lab File: BP018400.D

Acq: 27 Nov 2023 14:57

Tgt Ion:232 Resp: 776478

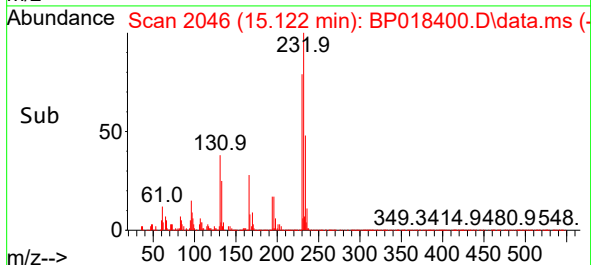
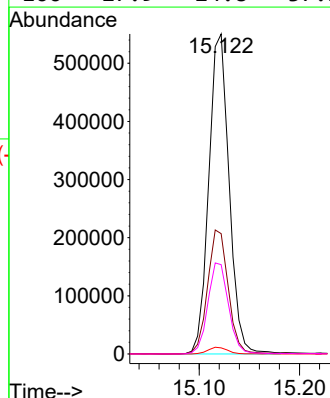
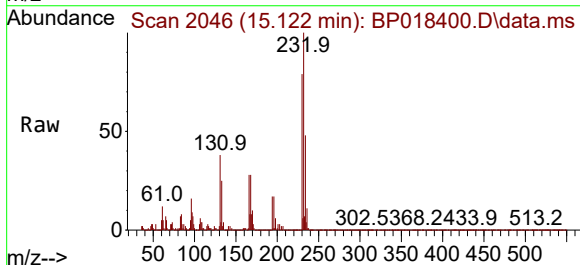
Ion Ratio Lower Upper

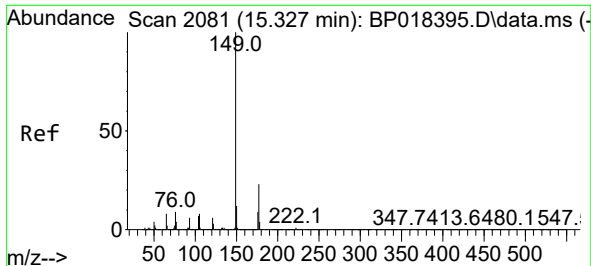
232 100

131 37.6 34.1 51.1

130 1.9 1.8 2.6

166 27.9 24.8 37.2

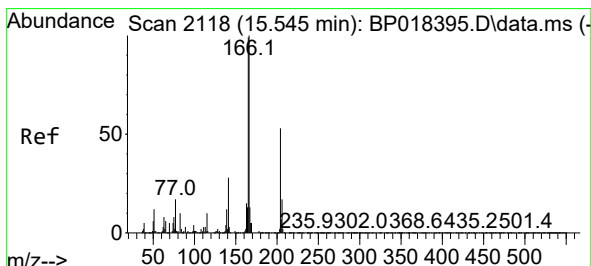
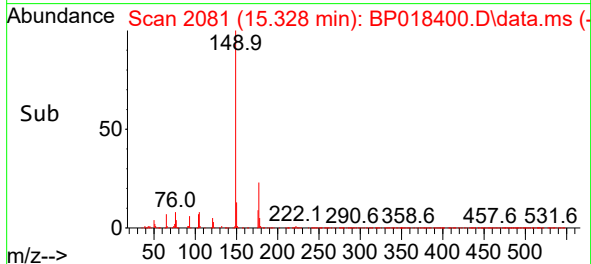
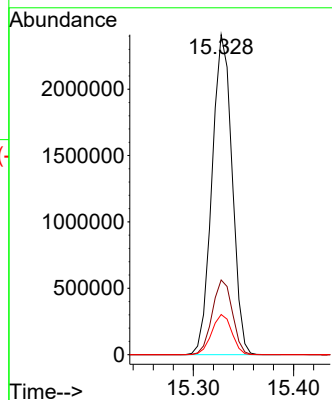
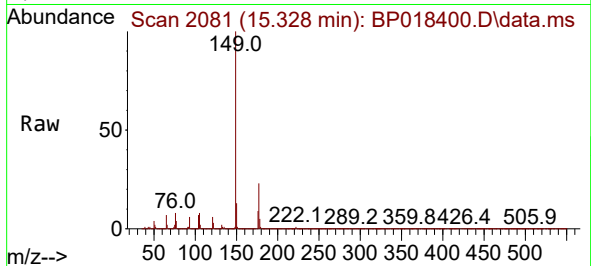




#59
Diethylphthalate
Concen: 35.932 ng/ul
RT: 15.328 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BP018400.D
Acq: 27 Nov 2023 14:57

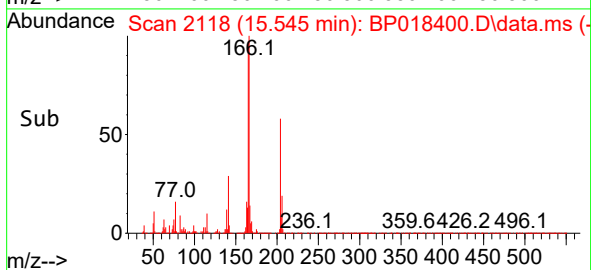
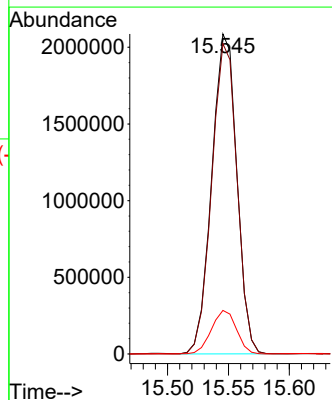
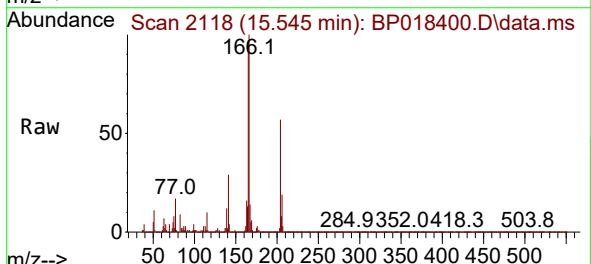
Instrument :
BNA_P
ClientSampleId :
A49W2MSD

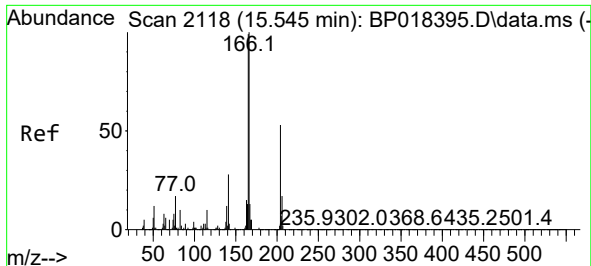
Tgt Ion:149 Resp: 3362044
Ion Ratio Lower Upper
149 100
177 23.4 18.2 27.2
150 12.6 10.2 15.2



#61
Fluorene
Concen: 33.973 ng/ul
RT: 15.545 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BP018400.D
Acq: 27 Nov 2023 14:57

Tgt Ion:166 Resp: 2991589
Ion Ratio Lower Upper
166 100
165 97.0 77.5 116.3
167 13.6 10.6 16.0

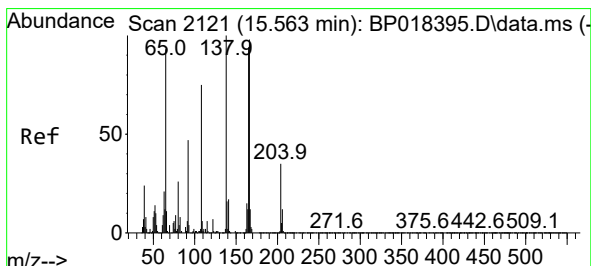
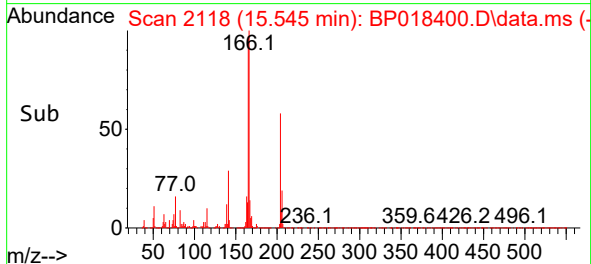
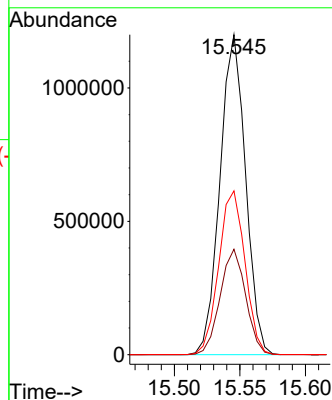
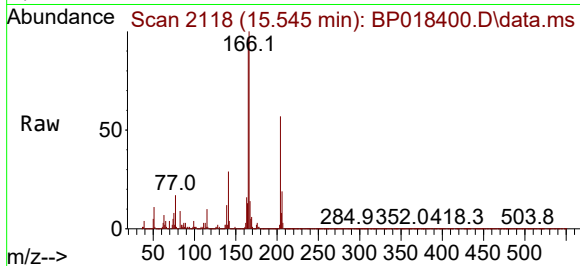




#62
4-Chlorophenyl-phenylether
Concen: 36.416 ng/ul
RT: 15.545 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BP018400.D
Acq: 27 Nov 2023 14:57

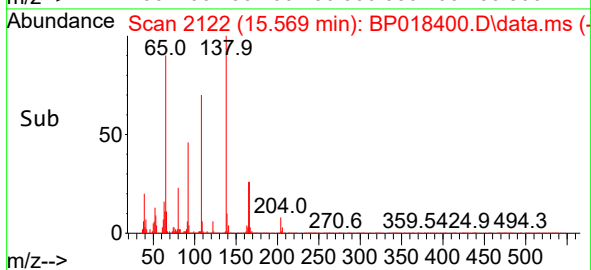
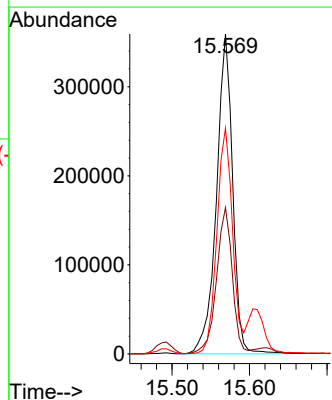
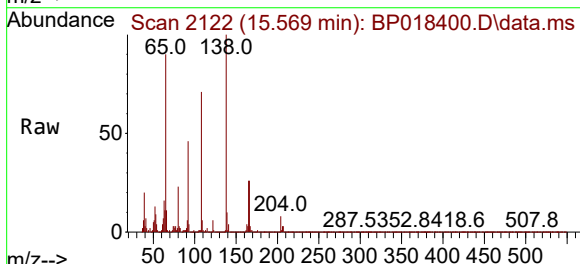
Instrument :
BNA_P
ClientSampleId :
A49W2MSD

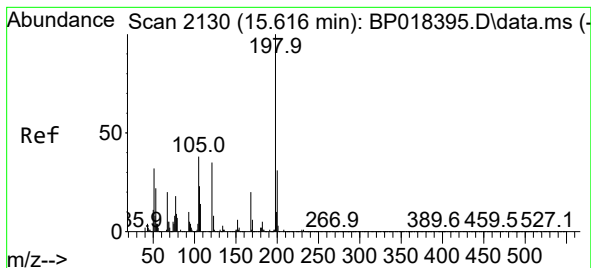
Tgt Ion:204 Resp: 1628344
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 51.2 44.8 67.2



#63
4-Nitroaniline
Concen: 35.332 ng/ul
RT: 15.569 min Scan# 2122
Delta R.T. 0.006 min
Lab File: BP018400.D
Acq: 27 Nov 2023 14:57

Tgt Ion:138 Resp: 520268
Ion Ratio Lower Upper
138 100
92 45.8 39.3 58.9
108 70.6 61.8 92.6

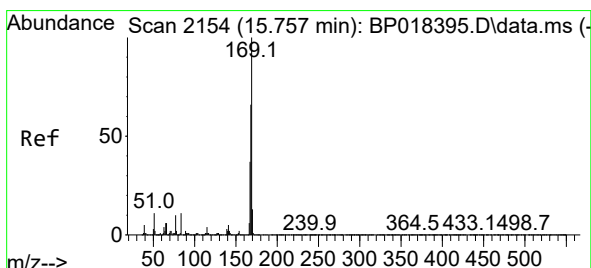
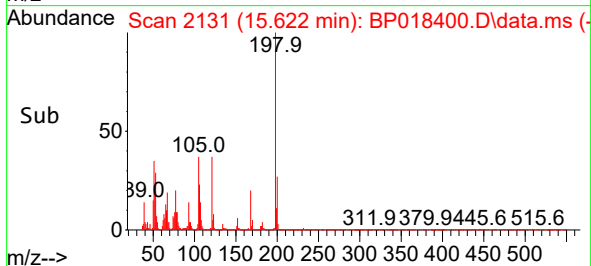
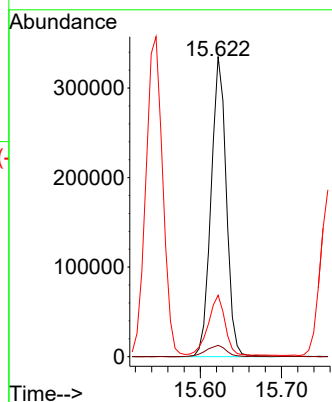
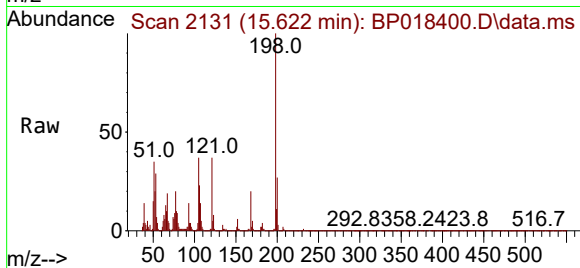




#66
4,6-Dinitro-2-methylphenol
Concen: 44.808 ng/ul
RT: 15.622 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BP018400.D
Acq: 27 Nov 2023 14:57

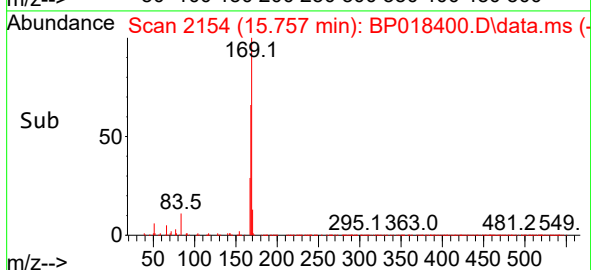
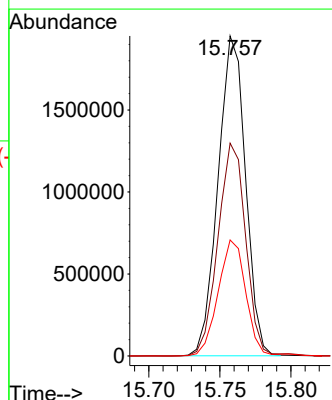
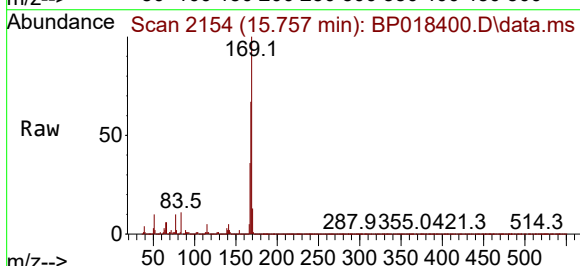
Instrument :
BNA_P
ClientSampleId :
A49W2MSD

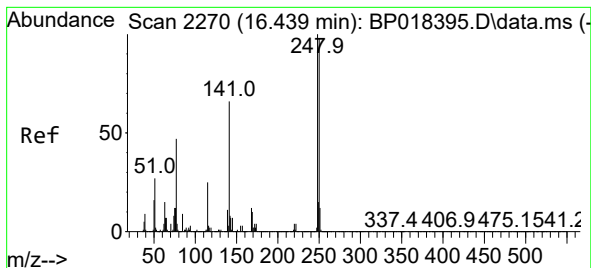
Tgt Ion:198 Resp: 436402
Ion Ratio Lower Upper
198 100
182 3.8 3.0 4.4
77 20.5 17.3 25.9



#67
N-Nitrosodiphenylamine
Concen: 37.526 ng/ul
RT: 15.757 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BP018400.D
Acq: 27 Nov 2023 14:57

Tgt Ion:169 Resp: 2625120
Ion Ratio Lower Upper
169 100
168 66.5 53.1 79.7
167 36.2 28.8 43.2

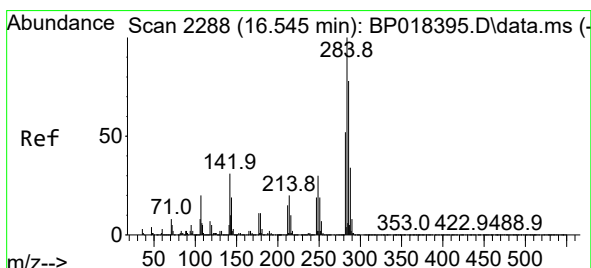
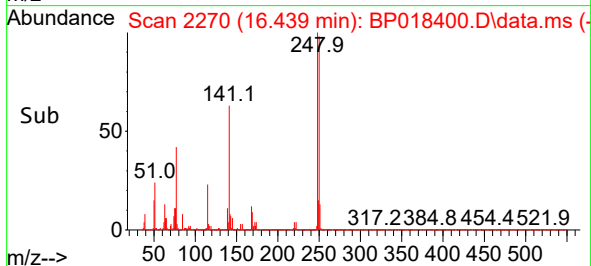
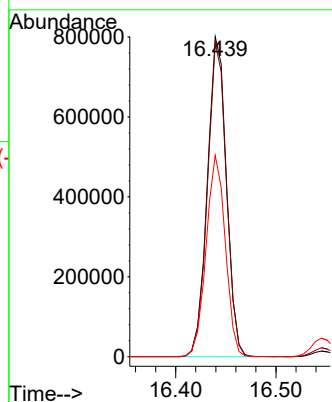
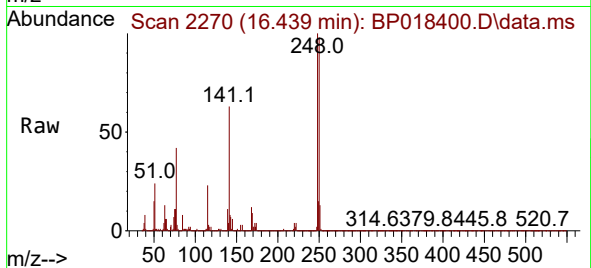




#68
4-Bromophenyl-phenylether
Concen: 40.677 ng/ul
RT: 16.439 min Scan# 211
Delta R.T. 0.000 min
Lab File: BP018400.D
Acq: 27 Nov 2023 14:57

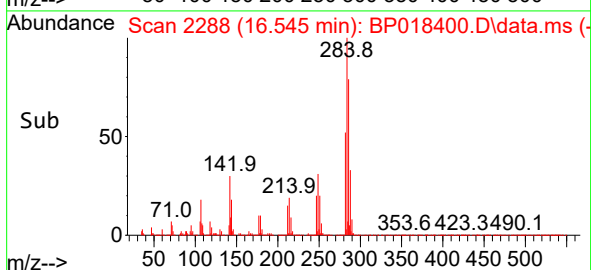
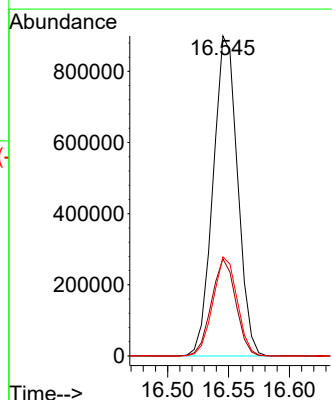
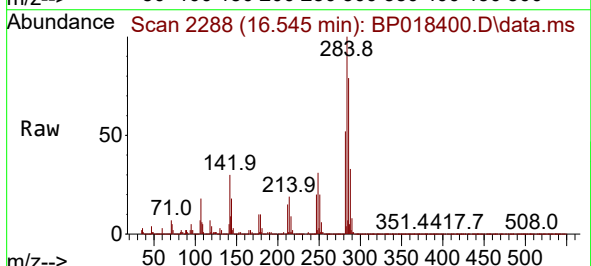
Instrument :
BNA_P
ClientSampleId :
A49W2MSD

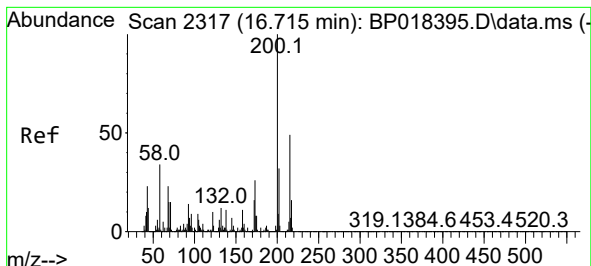
Tgt Ion:248 Resp: 1059421
Ion Ratio Lower Upper
248 100
250 98.2 77.4 116.2
141 62.9 56.0 84.0



#69
Hexachlorobenzene
Concen: 43.253 ng/ul
RT: 16.545 min Scan# 2288
Delta R.T. 0.000 min
Lab File: BP018400.D
Acq: 27 Nov 2023 14:57

Tgt Ion:284 Resp: 1259391
Ion Ratio Lower Upper
284 100
142 30.4 28.9 43.3
249 31.0 26.0 39.0





#70

Atrazine

Concen: 41.021 ng/ul

RT: 16.722 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP018400.D

Acq: 27 Nov 2023 14:57

Instrument :

BNA_P

ClientSampleId :

A49W2MSD

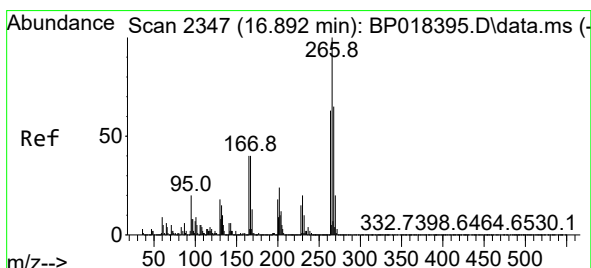
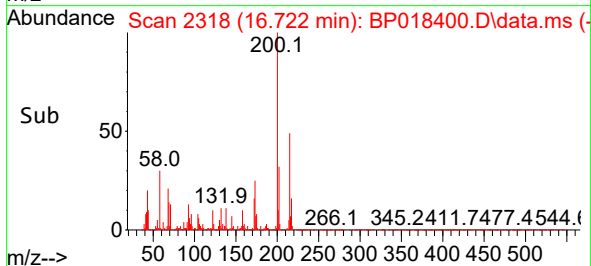
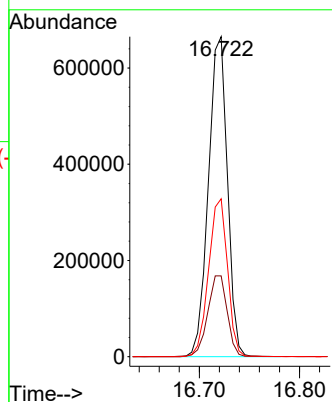
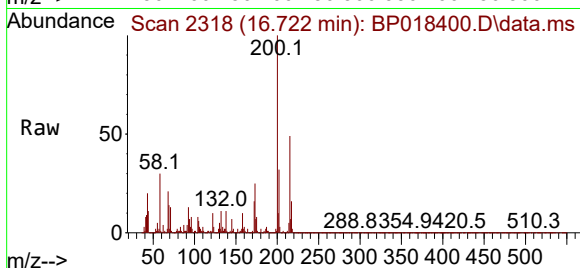
Tgt Ion:200 Resp: 876025

Ion Ratio Lower Upper

200 100

173 25.2 21.1 31.7

215 49.3 38.3 57.5



#71

Pentachlorophenol

Concen: 42.105 ng/ul

RT: 16.892 min Scan# 2347

Delta R.T. 0.000 min

Lab File: BP018400.D

Acq: 27 Nov 2023 14:57

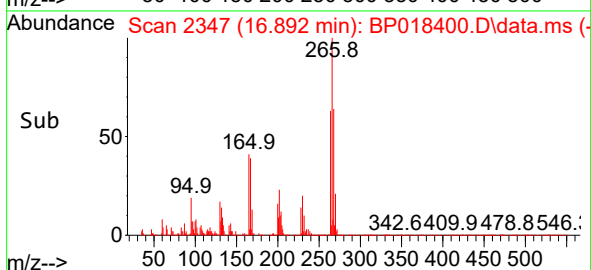
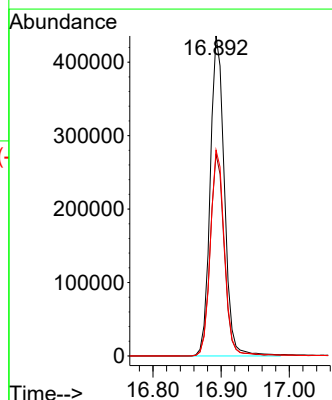
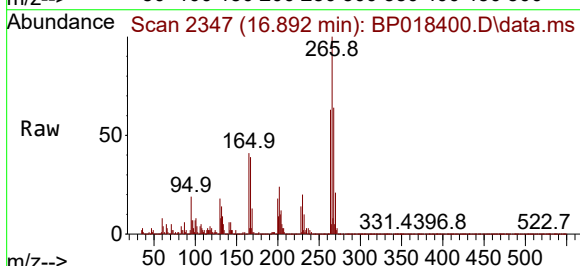
Tgt Ion:266 Resp: 629922

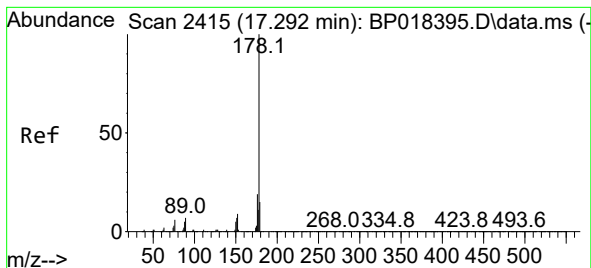
Ion Ratio Lower Upper

266 100

264 63.1 50.1 75.1

268 64.4 50.1 75.1





#72

Phenanthrene

Concen: 38.025 ng/ul

RT: 17.292 min Scan# 2415

Delta R.T. 0.000 min

Lab File: BP018400.D

Acq: 27 Nov 2023 14:57

Instrument :

BNA_P

ClientSampleId :

A49W2MSD

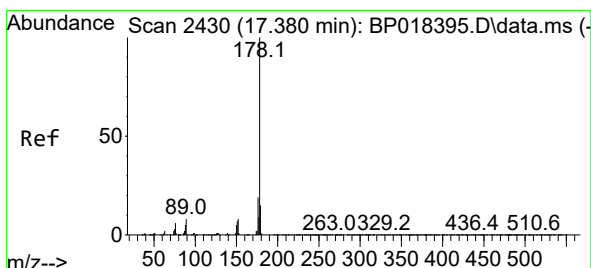
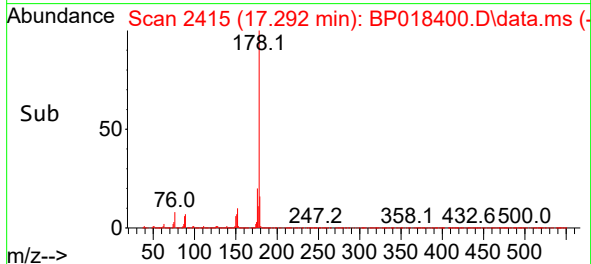
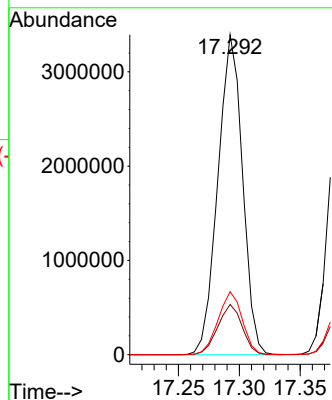
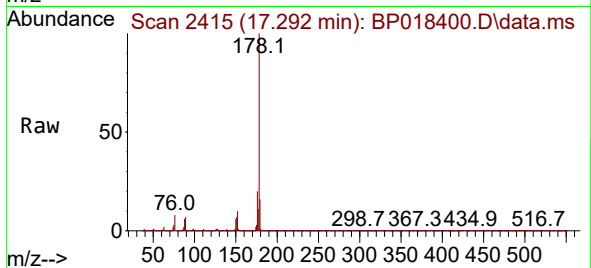
Tgt Ion:178 Resp: 4771226

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

176 19.7 15.1 22.7



#74

Anthracene

Concen: 37.031 ng/ul

RT: 17.386 min Scan# 2431

Delta R.T. 0.006 min

Lab File: BP018400.D

Acq: 27 Nov 2023 14:57

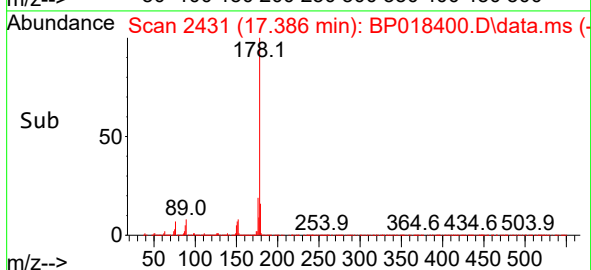
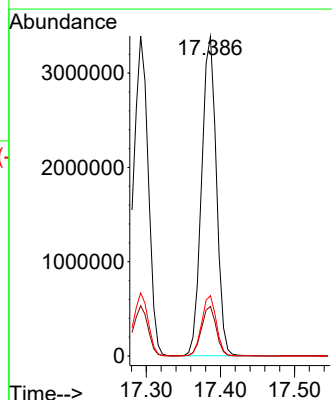
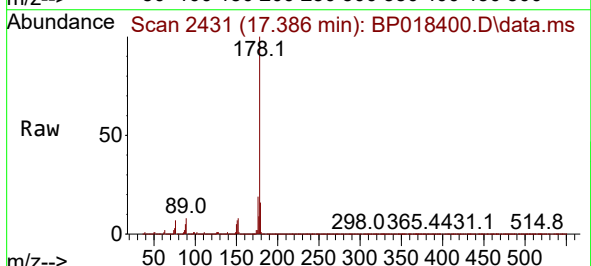
Tgt Ion:178 Resp: 4690168

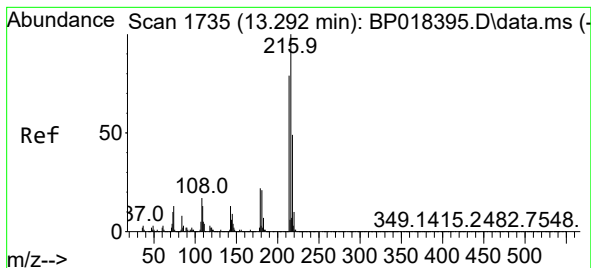
Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

176 18.9 15.2 22.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 40.175 ng/uL

RT: 13.298 min Scan# 1736

Delta R.T. 0.006 min

Lab File: BP018400.D

Acq: 27 Nov 2023 14:57

Instrument :

BNA_P

ClientSampleId :

A49W2MSD

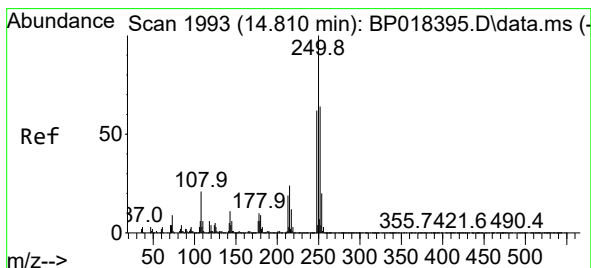
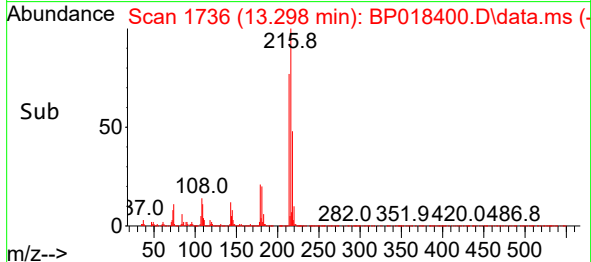
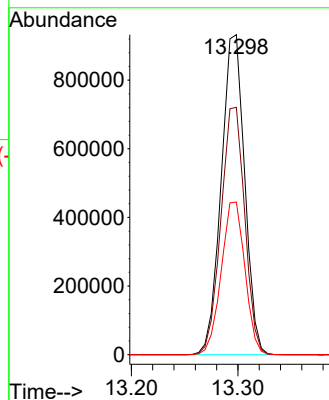
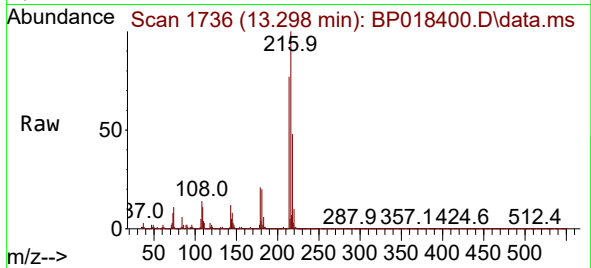
Tgt Ion:216 Resp: 1424554

Ion Ratio Lower Upper

216 100

214 77.3 62.0 93.0

218 47.7 38.6 57.8



#76

Pentachlorobenzene

Concen: 42.583 ng/uL

RT: 14.816 min Scan# 1994

Delta R.T. 0.006 min

Lab File: BP018400.D

Acq: 27 Nov 2023 14:57

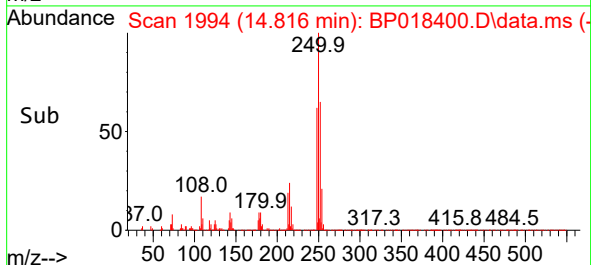
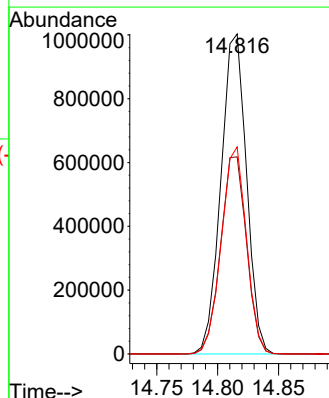
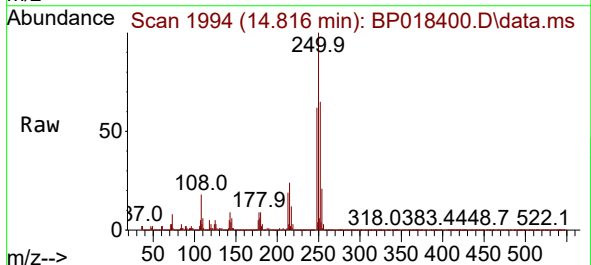
Tgt Ion:250 Resp: 1466724

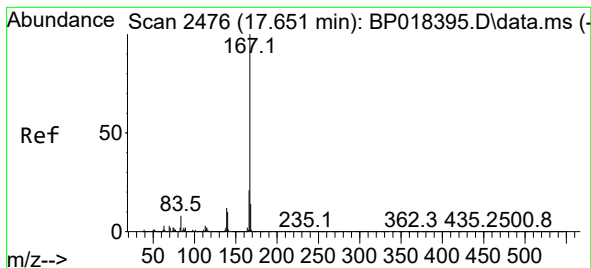
Ion Ratio Lower Upper

250 100

248 61.6 51.0 76.6

252 64.7 51.5 77.3





#77

Carbazole

Concen: 38.716 ng/ul

RT: 17.657 min Scan# 2476

Delta R.T. 0.006 min

Lab File: BP018400.D

Acq: 27 Nov 2023 14:57

Instrument :

BNA_P

ClientSampleId :

A49W2MSD

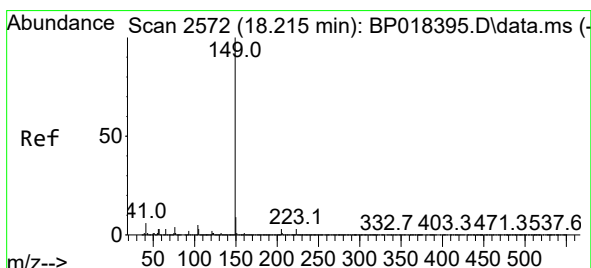
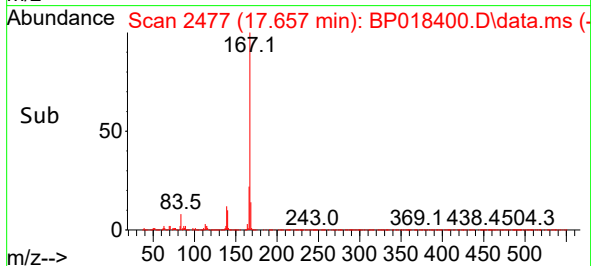
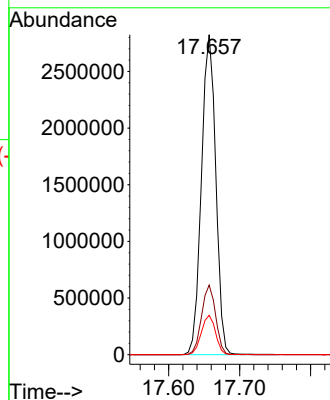
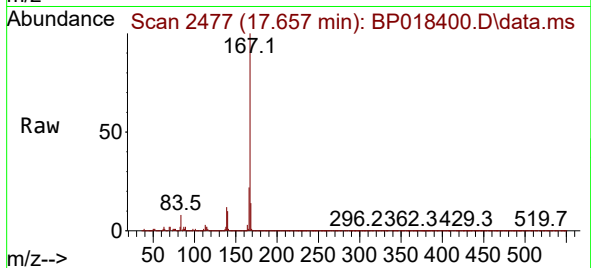
Tgt Ion:167 Resp: 3972609

Ion Ratio Lower Upper

167 100

166 21.8 17.5 26.3

139 12.3 10.0 15.0



#78

Di-n-butylphthalate

Concen: 38.156 ng/ul

RT: 18.222 min Scan# 2573

Delta R.T. 0.006 min

Lab File: BP018400.D

Acq: 27 Nov 2023 14:57

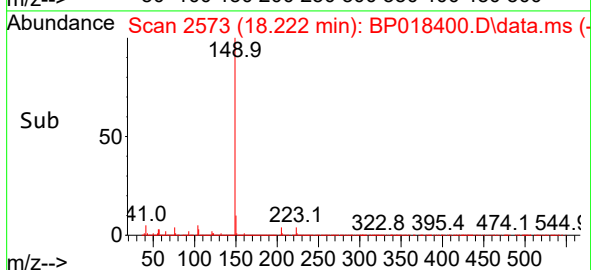
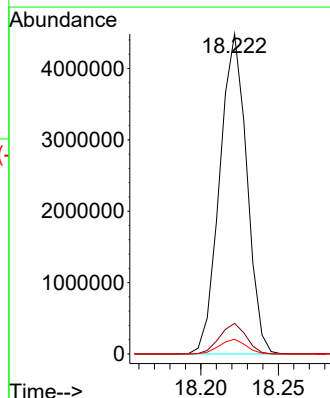
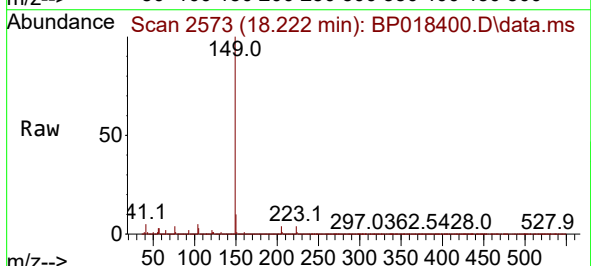
Tgt Ion:149 Resp: 5445834

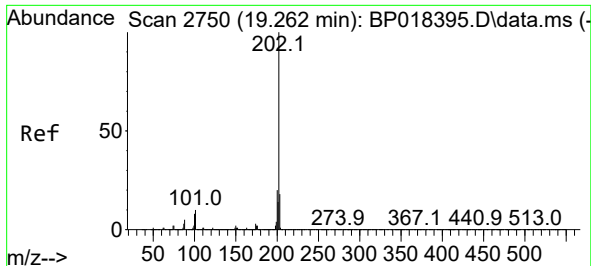
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

104 4.6 3.8 5.6

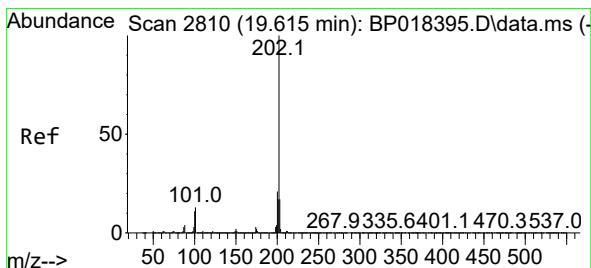
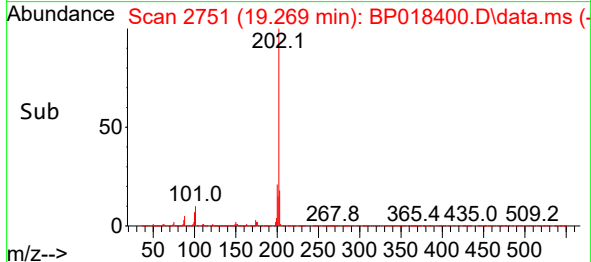
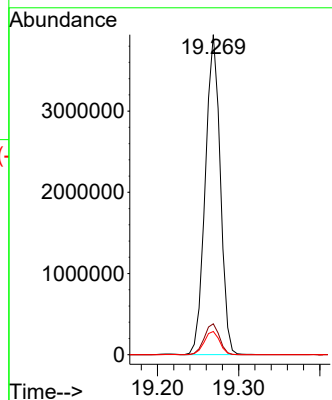
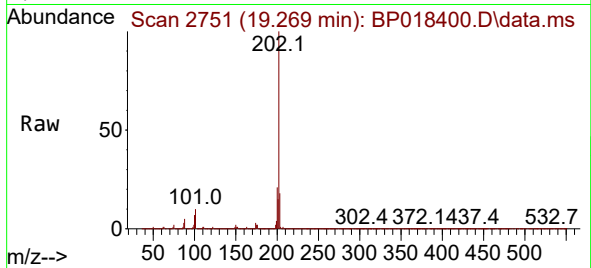




#80
Fluoranthene
Concen: 38.873 ng/ul
RT: 19.269 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP018400.D
Acq: 27 Nov 2023 14:57

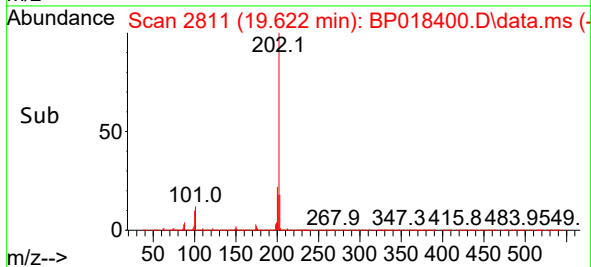
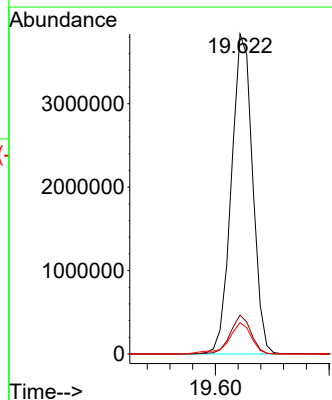
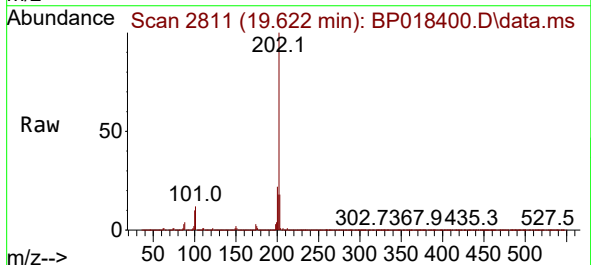
Instrument :
BNA_P
ClientSampleId :
A49W2MSD

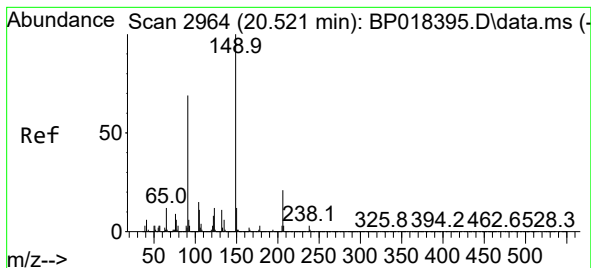
Tgt Ion:202 Resp: 5025036
Ion Ratio Lower Upper
202 100
101 9.6 8.6 13.0
100 7.3 6.7 10.1



#82
Pyrene
Concen: 38.051 ng/ul
RT: 19.622 min Scan# 2811
Delta R.T. 0.006 min
Lab File: BP018400.D
Acq: 27 Nov 2023 14:57

Tgt Ion:202 Resp: 4953118
Ion Ratio Lower Upper
202 100
101 12.1 10.2 15.4
100 9.7 8.4 12.6





#83

Butylbenzylphthalate

Concen: 38.396 ng/ul

RT: 20.528 min Scan# 2964

Delta R.T. 0.006 min

Lab File: BP018400.D

Acq: 27 Nov 2023 14:57

Instrument :

BNA_P

ClientSampleId :

A49W2MSD

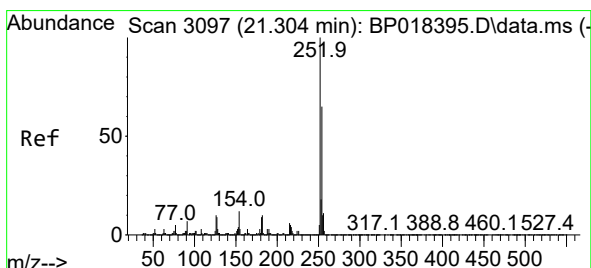
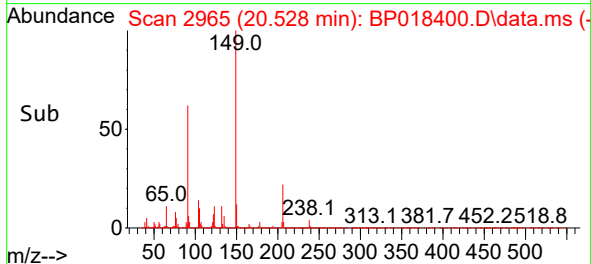
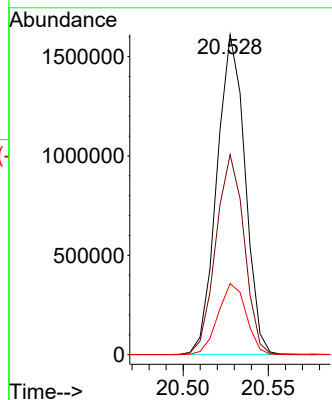
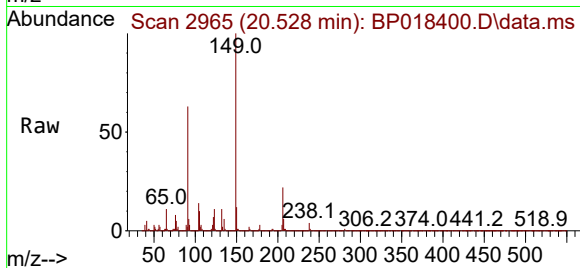
Tgt Ion:149 Resp: 1849581

Ion Ratio Lower Upper

149 100

91 62.5 53.7 80.5

206 22.2 16.4 24.6



#84

3,3'-Dichlorobenzidine

Concen: 33.087 ng/ul

RT: 21.304 min Scan# 3097

Delta R.T. 0.000 min

Lab File: BP018400.D

Acq: 27 Nov 2023 14:57

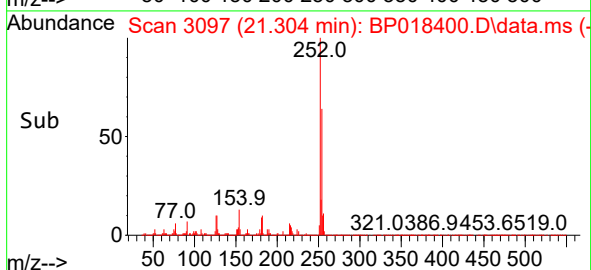
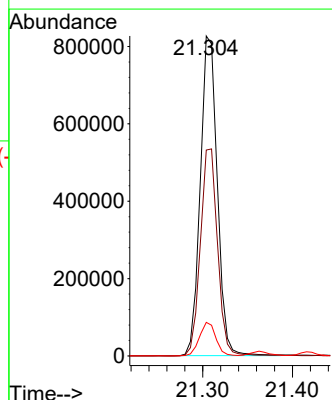
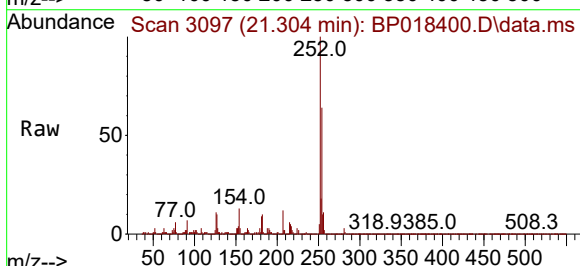
Tgt Ion:252 Resp: 1088006

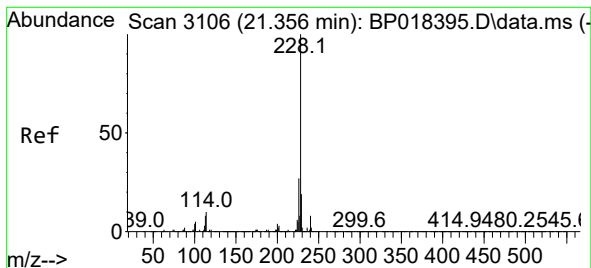
Ion Ratio Lower Upper

252 100

254 64.3 51.1 76.7

126 10.5 8.6 12.8





#85

Benzo(a)anthracene

Concen: 39.385 ng/ul

RT: 21.363 min Scan# 3107

Delta R.T. 0.006 min

Lab File: BP018400.D

Acq: 27 Nov 2023 14:57

Instrument :

BNA_P

ClientSampleId :

A49W2MSD

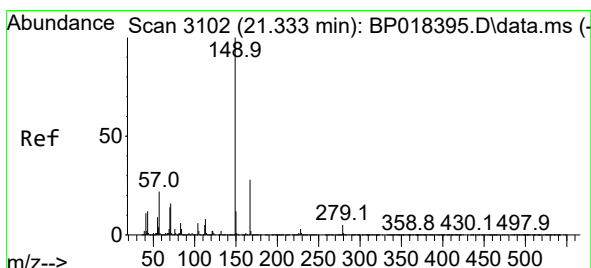
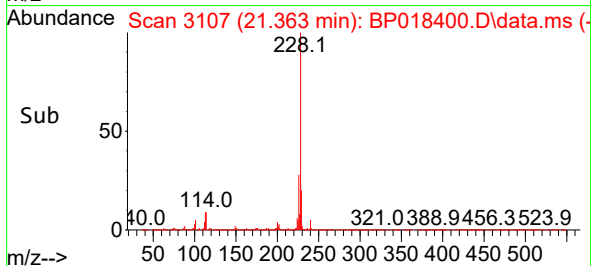
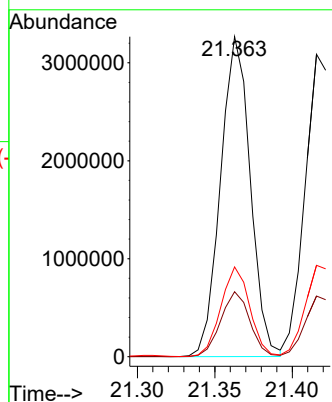
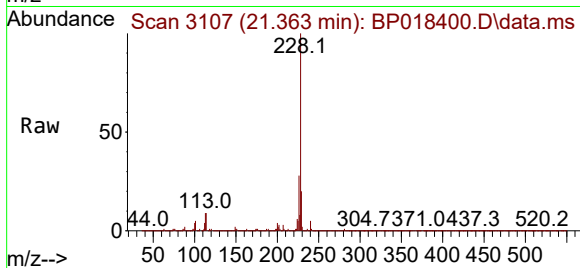
Tgt Ion:228 Resp: 4364057

Ion Ratio Lower Upper

228 100

229 20.3 16.2 24.2

226 28.1 22.2 33.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 36.509 ng/ul

RT: 21.339 min Scan# 3103

Delta R.T. 0.006 min

Lab File: BP018400.D

Acq: 27 Nov 2023 14:57

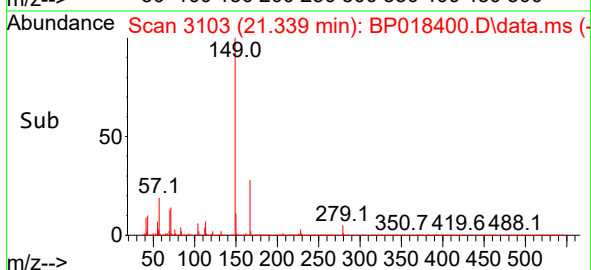
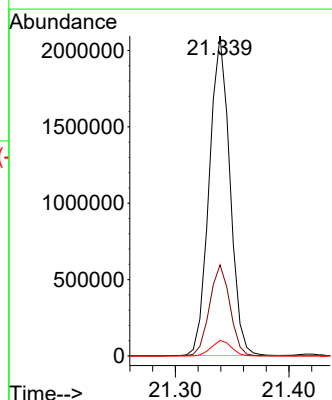
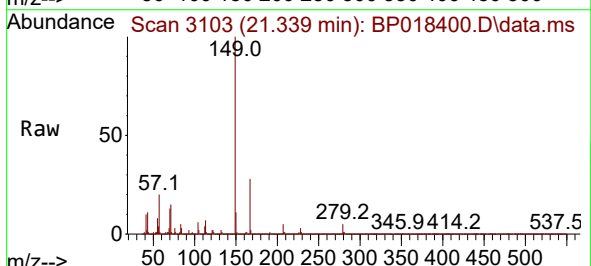
Tgt Ion:149 Resp: 2638623

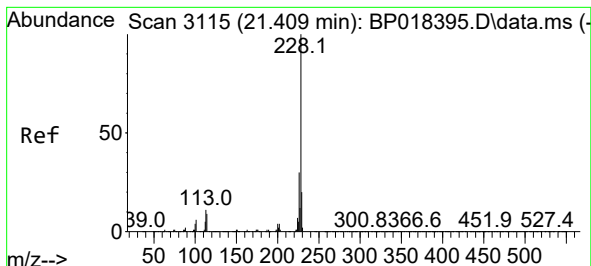
Ion Ratio Lower Upper

149 100

167 28.5 22.1 33.1

279 4.8 3.4 5.0





#87

Chrysene

Concen: 39.780 ng/ul

RT: 21.416 min Scan# 3116

Delta R.T. 0.006 min

Lab File: BP018400.D

Acq: 27 Nov 2023 14:57

Instrument :

BNA_P

ClientSampleId :

A49W2MSD

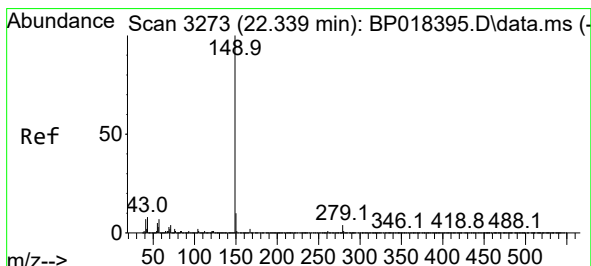
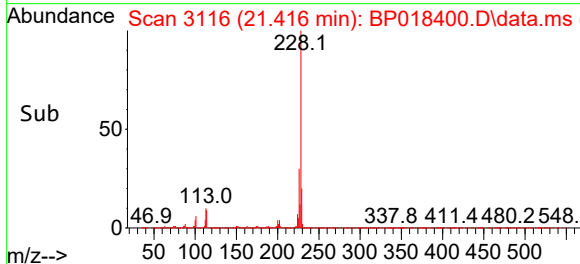
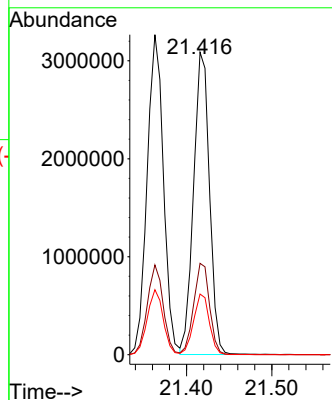
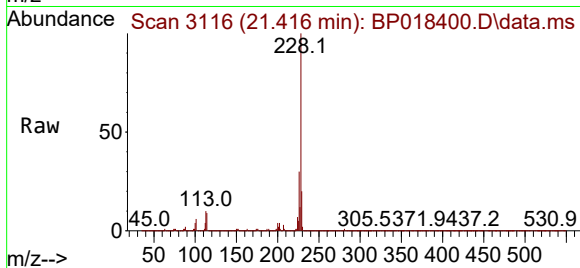
Tgt Ion:228 Resp: 4010958

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.4

229 20.0 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 33.897 ng/ul

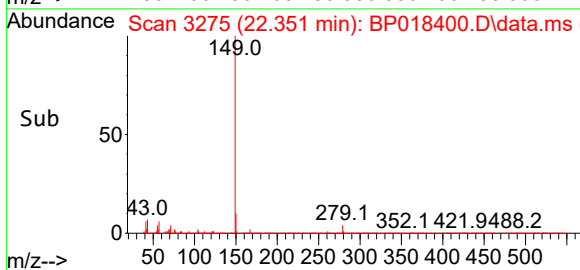
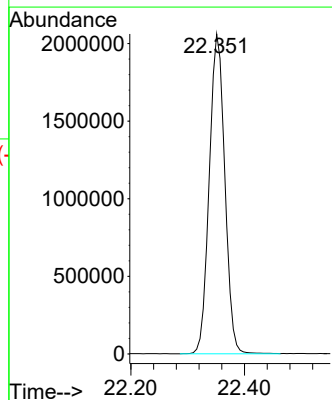
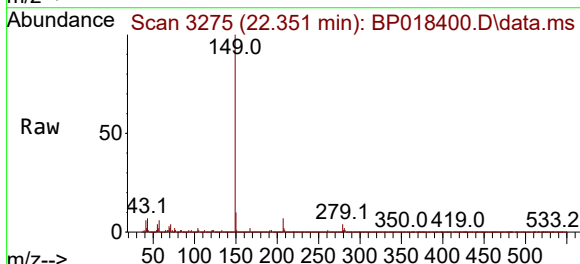
RT: 22.351 min Scan# 3275

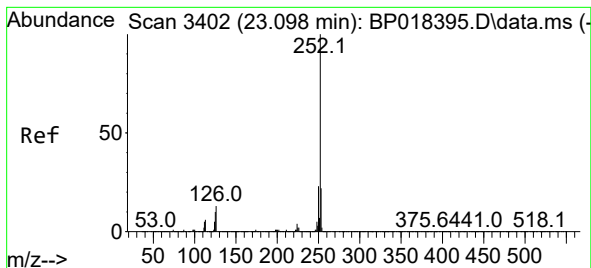
Delta R.T. 0.012 min

Lab File: BP018400.D

Acq: 27 Nov 2023 14:57

Tgt Ion:149 Resp: 3896790





#90

Benzo(b)fluoranthene

Concen: 38.470 ng/ul

RT: 23.110 min Scan# 3402

Delta R.T. 0.012 min

Lab File: BP018400.D

Acq: 27 Nov 2023 14:57

Instrument :

BNA_P

ClientSampleId :

A49W2MSD

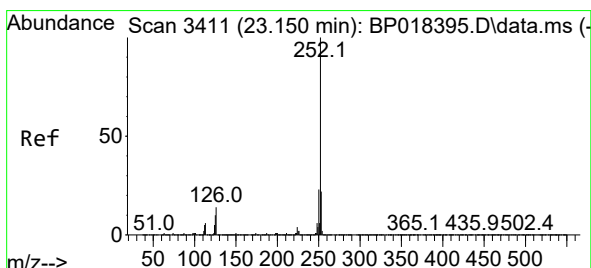
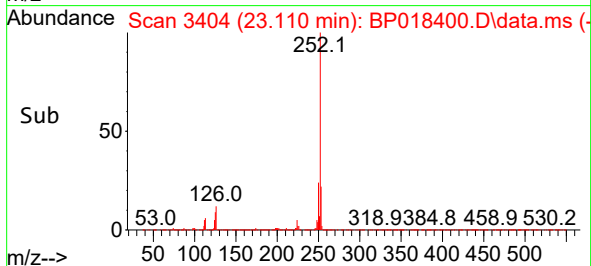
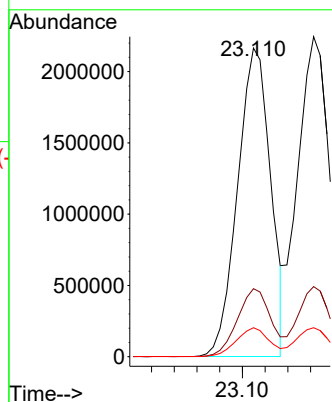
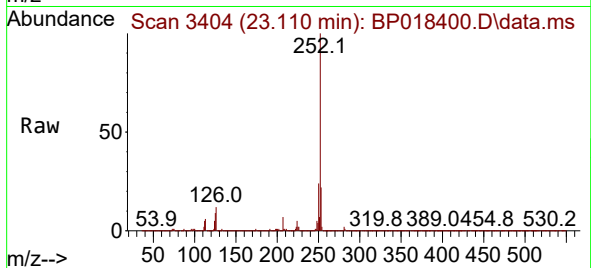
Tgt Ion:252 Resp: 4363344

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 9.4 8.4 12.6



#91

Benzo(k)fluoranthene

Concen: 39.437 ng/ul

RT: 23.163 min Scan# 3413

Delta R.T. 0.012 min

Lab File: BP018400.D

Acq: 27 Nov 2023 14:57

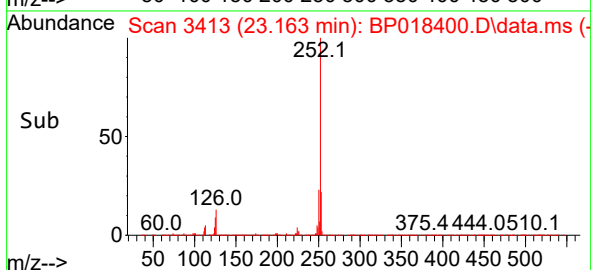
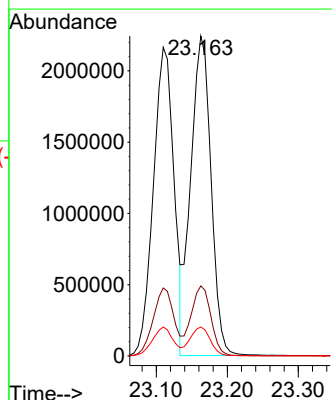
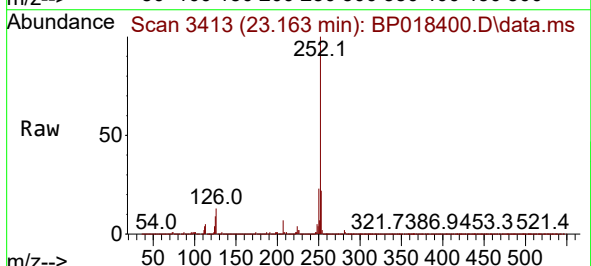
Tgt Ion:252 Resp: 4452826

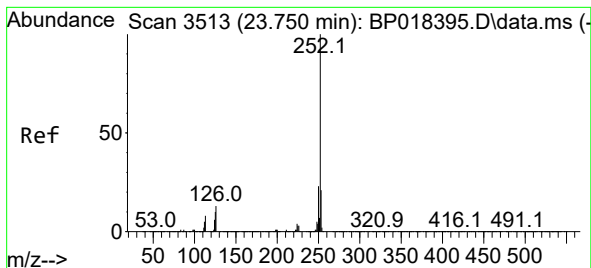
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 9.1 8.0 12.0





#93

Benzo(a)pyrene

Concen: 40.476 ng/ul

RT: 23.769 min Scan# 3513

Delta R.T. 0.018 min

Lab File: BP018400.D

Acq: 27 Nov 2023 14:57

Instrument :

BNA_P

ClientSampleId :

A49W2MSD

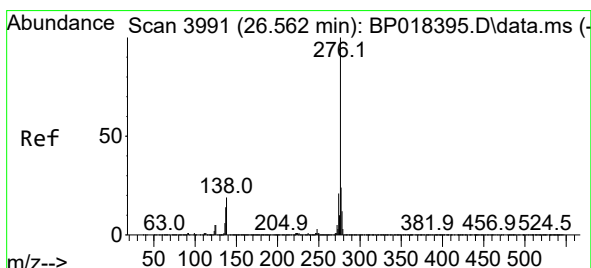
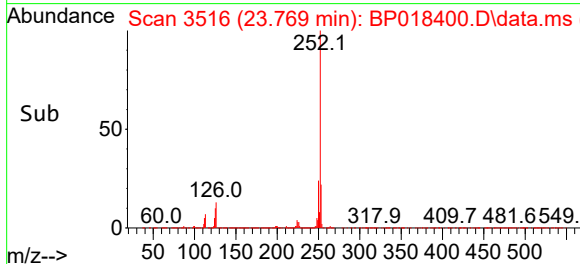
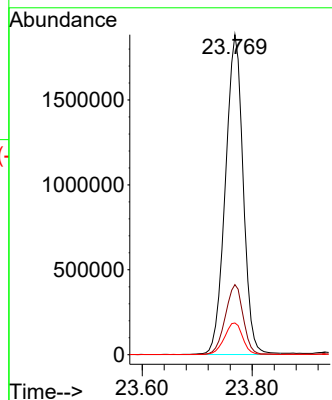
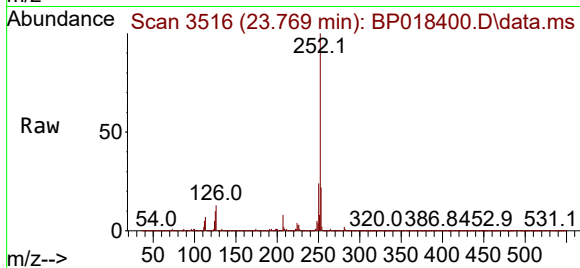
Tgt Ion:252 Resp: 4221978

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 9.9 8.8 13.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 44.619 ng/ul

RT: 26.604 min Scan# 3998

Delta R.T. 0.042 min

Lab File: BP018400.D

Acq: 27 Nov 2023 14:57

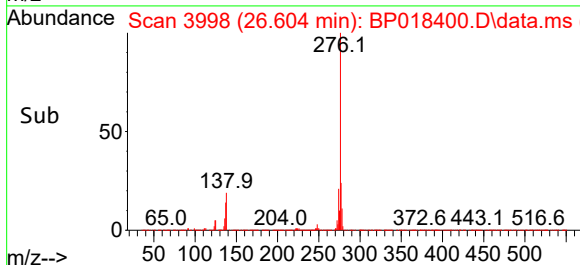
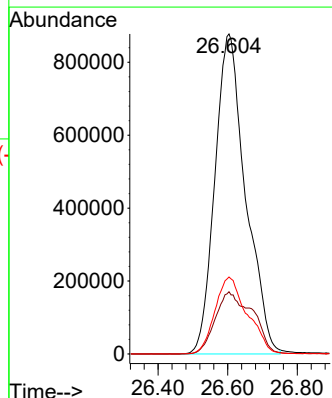
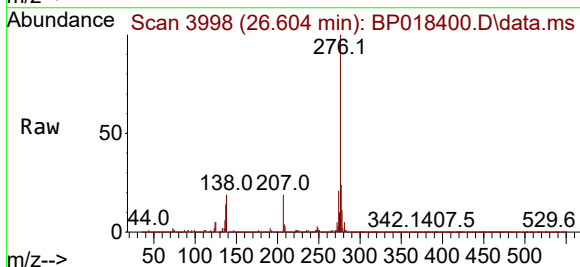
Tgt Ion:276 Resp: 5381476

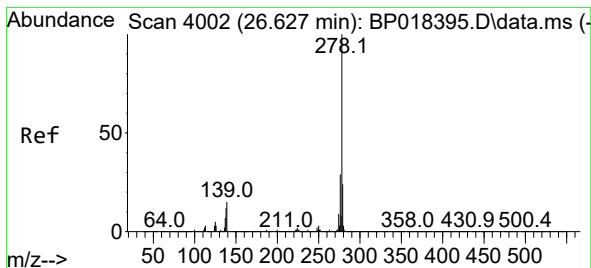
Ion Ratio Lower Upper

276 100

138 19.4 17.5 26.3

277 24.0 19.1 28.7





#95

Dibenzo(a,h)anthracene

Concen: 44.983 ng/ul

RT: 26.674 min Scan# 4002

Delta R.T. 0.047 min

Lab File: BP018400.D

Acq: 27 Nov 2023 14:57

Instrument :

BNA_P

ClientSampleId :

A49W2MSD

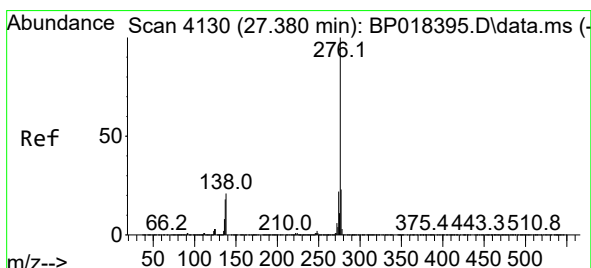
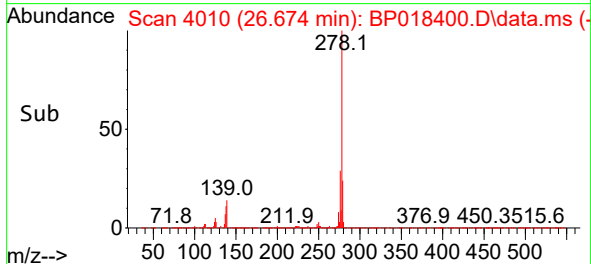
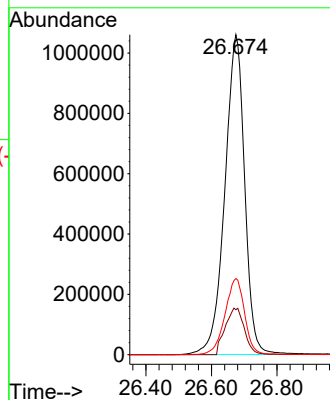
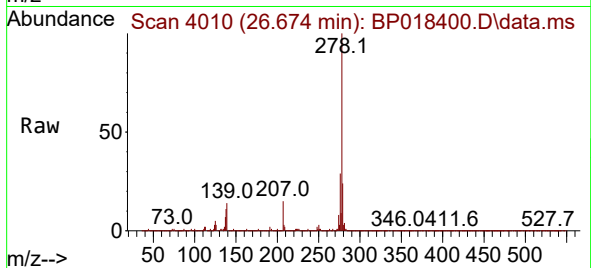
Tgt Ion:278 Resp: 4441542

Ion Ratio Lower Upper

278 100

139 14.1 13.3 19.9

279 23.8 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 44.824 ng/ul

RT: 27.439 min Scan# 4140

Delta R.T. 0.059 min

Lab File: BP018400.D

Acq: 27 Nov 2023 14:57

Tgt Ion:276 Resp: 4378274

Ion Ratio Lower Upper

276 100

138 20.0 17.7 26.5

277 24.0 18.6 28.0

