

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112423\
 Data File : BP018392.D
 Acq On : 26 Nov 2023 05:27
 Operator : MA/JU
 Sample : 05261-01MSD
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 27 00:08:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 24 22:02:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	495072	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	2017457	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.498	164	1195753	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.245	188	2275020	20.000	ng/u1	0.00
79) Chrysene-d12	21.356	240	1506706	20.000	ng/u1	0.00
88) Perylene-d12	23.803	264	1868651	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	39587	2.995	ng/uL	0.00
4) Pyridine-d5	3.693	84	36241	0.998	ng/u1	0.00
7) Phenol-d5	7.028	99	783093	17.308	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.198	67	447093	16.525	ng/u1	0.00
11) 2-Chlorophenol-d4	7.392	132	668237	17.591	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	558228	15.288	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	314114	19.169	ng/u1	0.00
24) 2-Nitrophenol-d4	9.745	143	314435	20.777	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	691896	18.950	ng/u1	0.00
31) 4-Chloroaniline-d4	10.804	131	434342	8.820	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	1919293	18.039	ng/u1	0.00
49) Acenaphthylene-d8	14.192	160	2169710	17.897	ng/u1	0.00
54) 4-Nitrophenol-d4	14.692	143	243421	16.572	ng/u1	0.00
60) Fluorene-d10	15.486	176	1600634	17.986	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	210130	21.697	ng/u1	0.00
73) Anthracene-d10	17.345	188	2248156	18.488	ng/u1	0.00
81) Pyrene-d10	19.586	212	2275557	18.976	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.645	264	2089096	19.283	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.304	88	86788	6.123	ng/uL#	91
5) Pyridine	3.716	79	54003	1.475	ng/u1	92
6) Benzaldehyde	7.004	77	449054	18.755	ng/u1	94
8) Phenol	7.057	94	894663	20.158	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.292	93	707219	19.130	ng/u1	96
12) 2-Chlorophenol	7.428	128	710608	18.646	ng/u1	96
13) 2-Methylphenol	8.310	108	576669	16.682	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.398	45	835917	15.907	ng/u1	96
16) Acetophenone	8.692	105	1396715	24.999	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.681	70	476840	15.278	ng/u1	94
18) 4-Methylphenol	8.639	108	640018	17.337	ng/u1	99
19) Hexachloroethane	8.945	117	292385	18.371	ng/u1	92
22) Nitrobenzene	9.069	77	704809	18.359	ng/u1	94
23) Isophorone	9.592	82	1436483	16.788	ng/u1#	97
25) 2-Nitrophenol	9.775	139	372821	21.896	ng/u1	94
26) 2,4-Dimethylphenol	9.839	107	246533	6.449	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.086	93	924333	17.887	ng/u1	98
29) 2,4-Dichlorophenol	10.310	162	707498	20.230	ng/u1	98
30) Naphthalene	10.716	128	2313104	18.957	ng/u1	99
32) 4-Chloroaniline	10.828	127	488965	10.523	ng/u1	99
33) Hexachlorobutadiene	11.004	225	514408	21.566	ng/u1	99
34) Caprolactam	11.598	113	204940	20.335	ng/u1	87
35) 4-Chloro-3-methylphenol	11.951	107	648277	17.337	ng/u1	94
36) 2-Methylnaphthalene	12.322	142	1600481	18.533	ng/u1	100

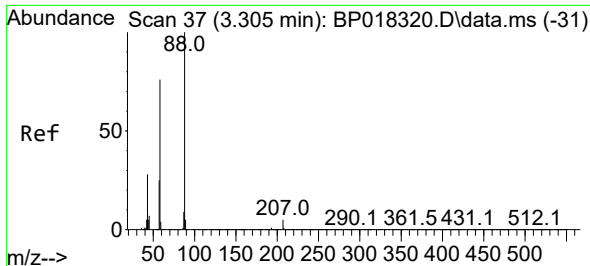
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.539	142	1568709	18.047	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.686	216	935461	22.151	ng/ul	99
40) Hexachlorocyclopentadiene	12.669	237	442424	18.497	ng/ul	99
41) 2,4,6-Trichlorophenol	12.927	196	566471	22.335	ng/ul	99
42) 2,4,5-Trichlorophenol	12.998	196	604238	22.032	ng/ul	99
43) 1,1'-Biphenyl	13.333	154	2097635	20.134	ng/ul	99
44) 2-Chloronaphthalene	13.375	162	1676619	20.333	ng/ul	98
45) 2-Nitroaniline	13.580	65	352163	19.848	ng/ul	88
47) Dimethylphthalate	13.963	163	2046205	19.655	ng/ul	100
48) 2,6-Dinitrotoluene	14.074	165	386384	22.014	ng/ul	90
50) Acenaphthylene	14.216	152	2585892	19.135	ng/ul	99
51) 3-Nitroaniline	14.404	138	311728	17.875	ng/ul#	91
52) Acenaphthene	14.563	153	1689916	19.143	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	135352	22.104	ng/ul	96
55) 4-Nitrophenol	14.704	109	199098	18.296	ng/ul	95
56) Dibenzofuran	14.898	168	2345968	19.438	ng/ul	98
57) 2,4-Dinitrotoluene	14.857	165	530912	22.384	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.116	232	492815	22.881	ng/ul	97
59) Diethylphthalate	15.327	149	2030299	19.414	ng/ul	99
61) Fluorene	15.545	166	1875130	19.052	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.545	204	1007722	20.163	ng/ul	96
63) 4-Nitroaniline	15.563	138	270568	16.440	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.616	198	253445	23.596	ng/ul#	99
67) N-Nitrosodiphenylamine	15.757	169	1604340	20.796	ng/ul	99
68) 4-Bromophenyl-phenylether	16.439	248	627884	21.860	ng/ul	95
69) Hexachlorobenzene	16.545	284	741736	23.099	ng/ul	92
70) Atrazine	16.716	200	525849	22.327	ng/ul	98
71) Pentachlorophenol	16.892	266	358769	21.744	ng/ul	99
72) Phenanthrene	17.286	178	2845518	20.563	ng/ul	99
74) Anthracene	17.380	178	2769046	19.824	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.292	216	930206	23.787	ng/uL	98
76) Pentachlorobenzene	14.810	250	882317	23.228	ng/uL	99
77) Carbazole	17.651	167	2318155	20.485	ng/ul	99
78) Di-n-butylphthalate	18.215	149	3252358	20.663	ng/ul	100
80) Fluoranthene	19.262	202	2946950	20.571	ng/ul	96
82) Pyrene	19.615	202	2912426	20.190	ng/ul	97
83) Butylbenzylphthalate	20.509	149	1084293	20.311	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.286	252	473502	12.993	ng/ul	98
85) Benzo(a)anthracene	21.345	228	2563056	20.873	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.298	149	1562016	19.502	ng/ul	99
87) Chrysene	21.398	228	2393586	21.421	ng/ul	99
89) Di-n-octyl phthalate	22.268	149	2432153	17.679	ng/ul	100
90) Benzo(b)fluoranthene	23.056	252	2746164	20.233	ng/ul	99
91) Benzo(k)fluoranthene	23.103	252	2686075	19.879	ng/ul	100
93) Benzo(a)pyrene	23.698	252	2546324	20.400	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.409	276	3362443	23.297	ng/ul	97
95) Dibenzo(a,h)anthracene	26.456	278	2778168	23.512	ng/ul	98
96) Benzo(g,h,i)perylene	27.209	276	2561078	21.910	ng/ul	98

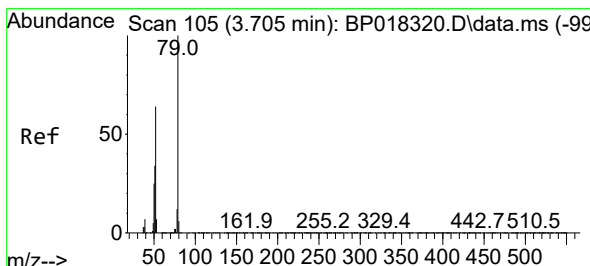
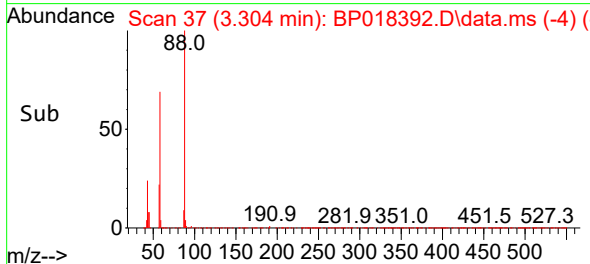
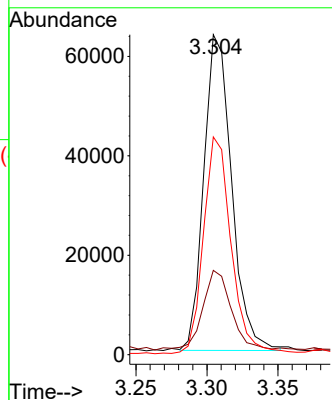
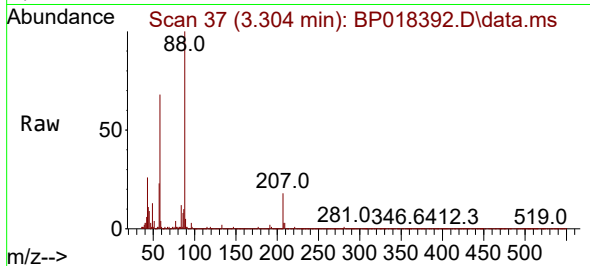
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#2
1,4-Dioxane
Concen: 6.123 ng/uL
RT: 3.304 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP018392.D
Acq: 26 Nov 2023 05:27

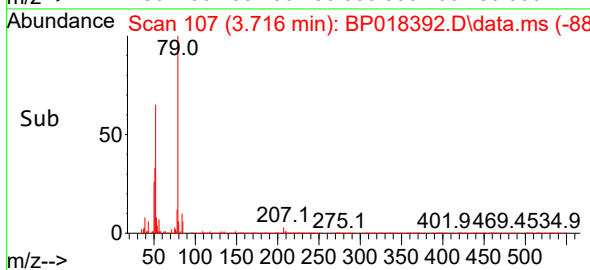
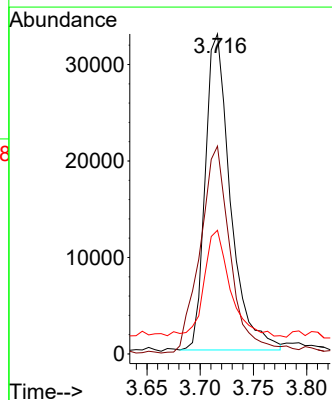
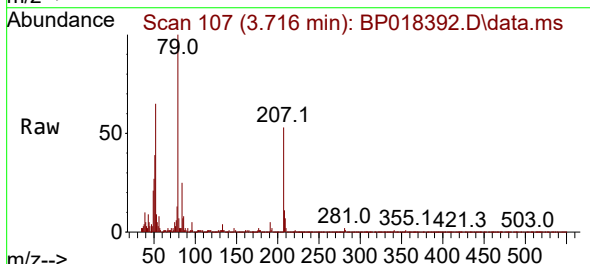
Instrument :
BNA_P
ClientSampleId :

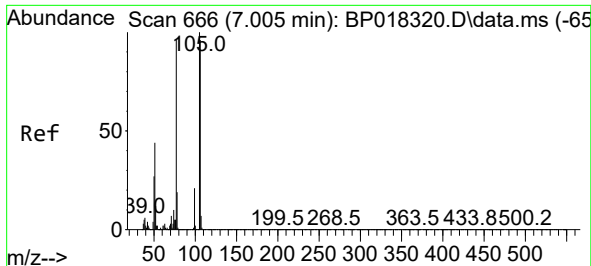
Tgt Ion: 88 Resp: 86788
Ion Ratio Lower Upper
88 100
43 26.4 26.9 40.3#
58 68.1 59.6 89.4



#5
Pyridine
Concen: 1.475 ng/uL
RT: 3.716 min Scan# 107
Delta R.T. 0.011 min
Lab File: BP018392.D
Acq: 26 Nov 2023 05:27

Tgt Ion: 79 Resp: 54003
Ion Ratio Lower Upper
79 100
52 64.9 57.7 86.5
51 38.7 27.8 41.8

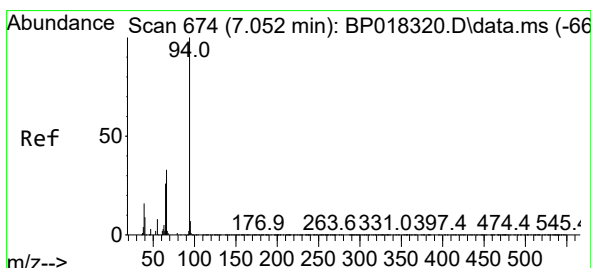
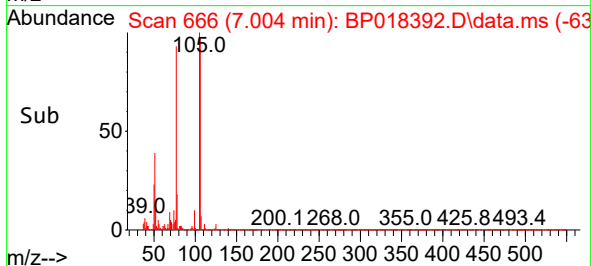
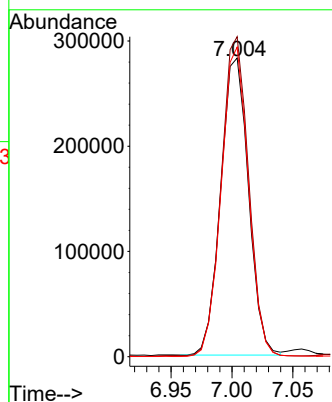
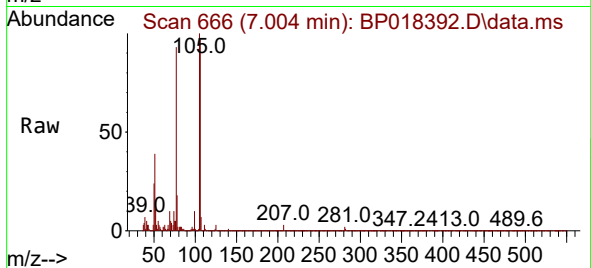




#6
Benzaldehyde
Concen: 18.755 ng/ul
RT: 7.004 min Scan# 60
Delta R.T. -0.000 min
Lab File: BP018392.D
Acq: 26 Nov 2023 05:27

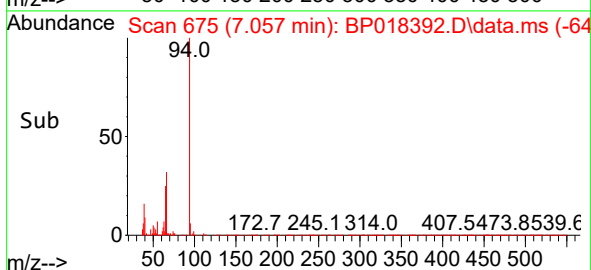
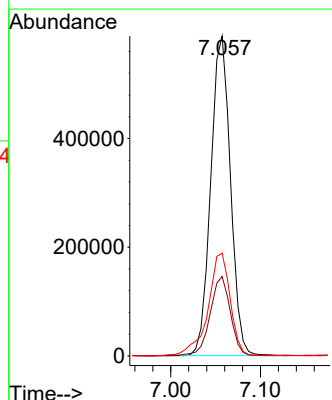
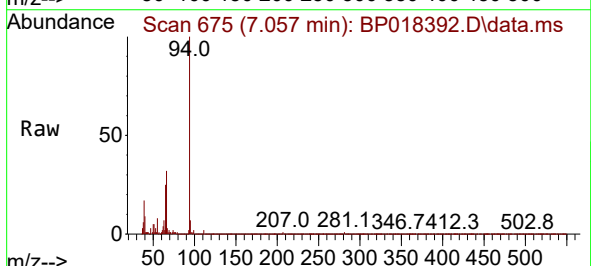
Instrument :
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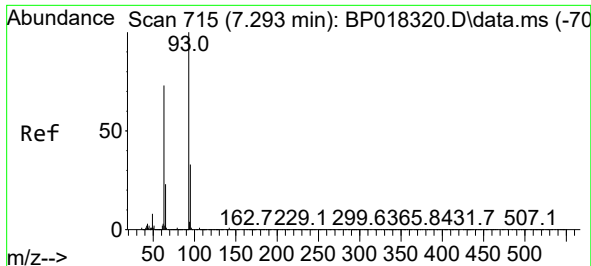
Tgt Ion: 77 Resp: 449054
Ion Ratio Lower Upper
77 100
105 107.1 81.5 122.3
106 103.6 77.9 116.9



#8
Phenol
Concen: 20.158 ng/ul
RT: 7.057 min Scan# 675
Delta R.T. -0.000 min
Lab File: BP018392.D
Acq: 26 Nov 2023 05:27

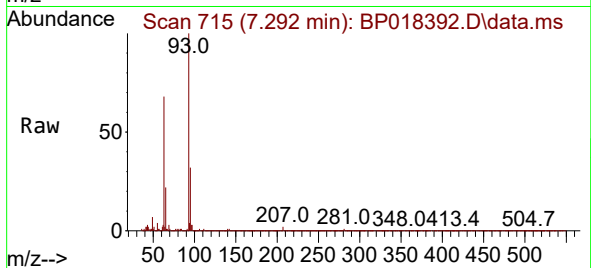
Tgt Ion: 94 Resp: 894663
Ion Ratio Lower Upper
94 100
65 24.8 21.2 31.8
66 32.2 28.0 42.0





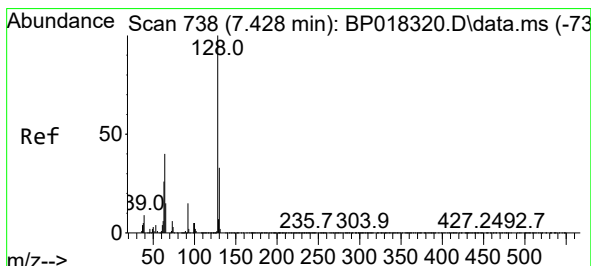
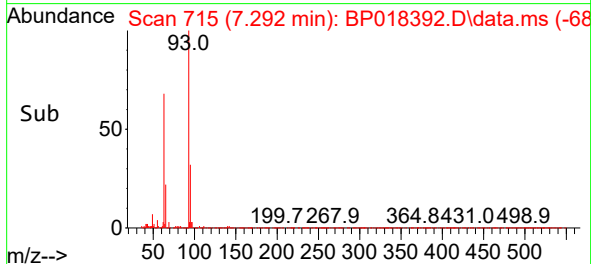
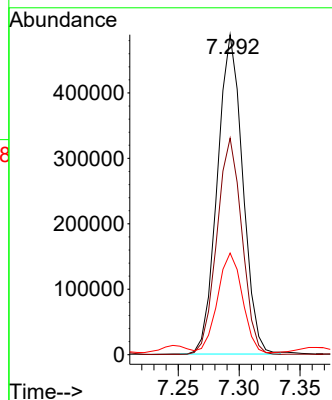
#10
 Bis(2-Chloroethyl)ether
 Concen: 19.130 ng/ul
 RT: 7.292 min Scan# 715
 Delta R.T. -0.006 min
 Lab File: BP018392.D
 Acq: 26 Nov 2023 05:27

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion: 93 Resp: 707219

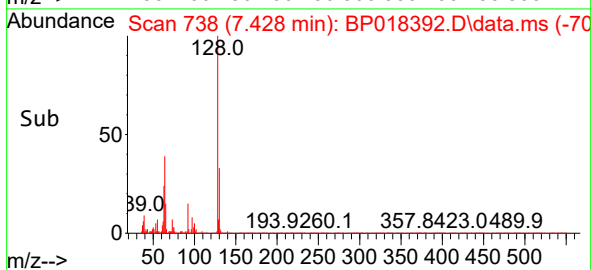
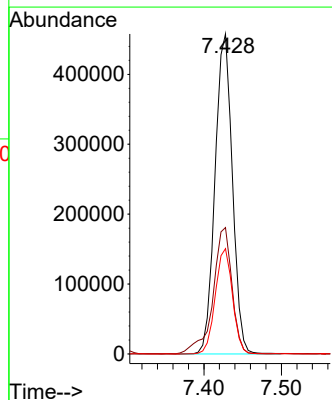
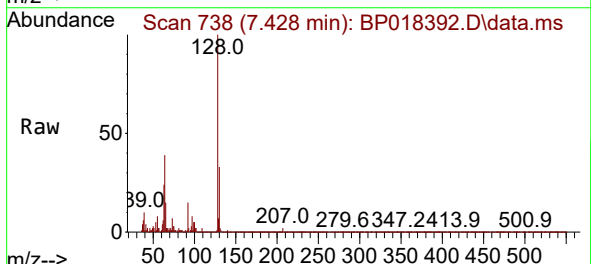
Ion	Ratio	Lower	Upper
93	100		
63	67.6	58.2	87.4
95	31.8	25.6	38.4

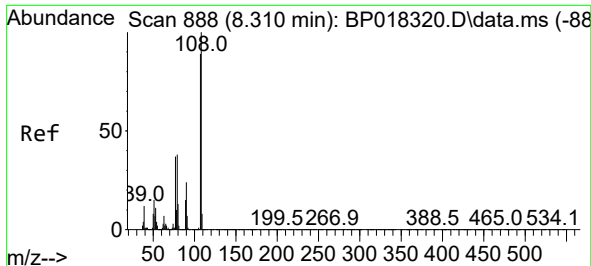


#12
 2-Chlorophenol
 Concen: 18.646 ng/ul
 RT: 7.428 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: BP018392.D
 Acq: 26 Nov 2023 05:27

Tgt Ion:128 Resp: 710608

Ion	Ratio	Lower	Upper
128	100		
64	39.5	34.8	52.2
130	32.9	25.5	38.3





#13

2-Methylphenol

Concen: 16.682 ng/ul

RT: 8.310 min Scan# 888

Delta R.T. -0.000 min

Lab File: BP018392.D

Acq: 26 Nov 2023 05:27

Instrument :

BNA_P

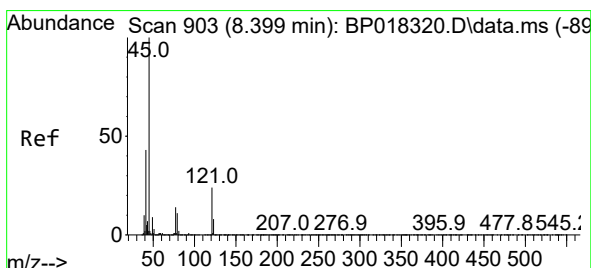
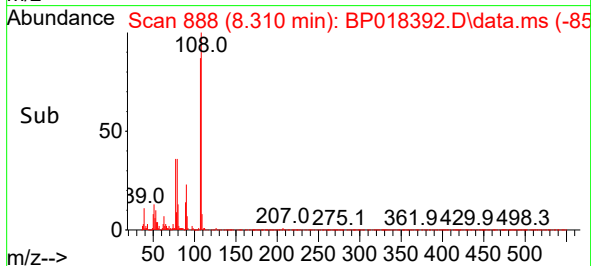
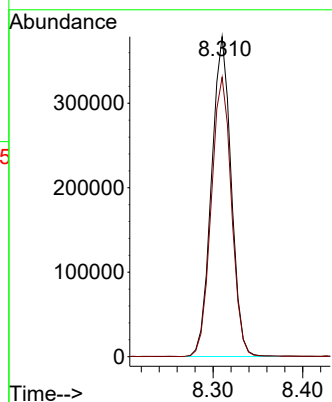
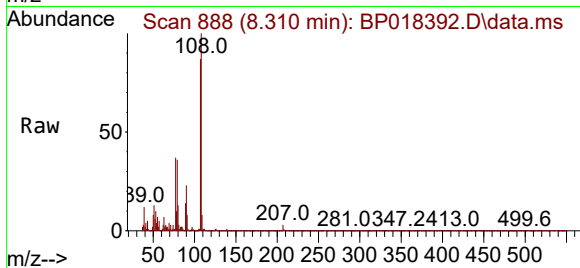
ClientSampleId :

Tgt Ion:108 Resp: 576669

Ion Ratio Lower Upper

108 100

107 87.3 70.9 106.3



#14

2,2'-oxybis(1-Chloropropane)

Concen: 15.907 ng/ul

RT: 8.398 min Scan# 903

Delta R.T. -0.006 min

Lab File: BP018392.D

Acq: 26 Nov 2023 05:27

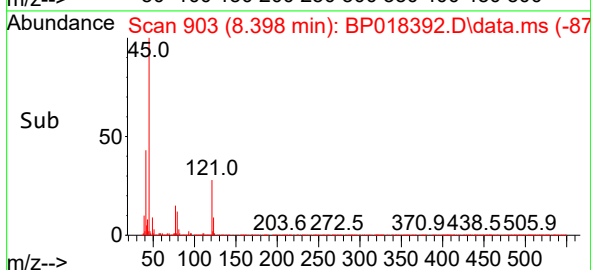
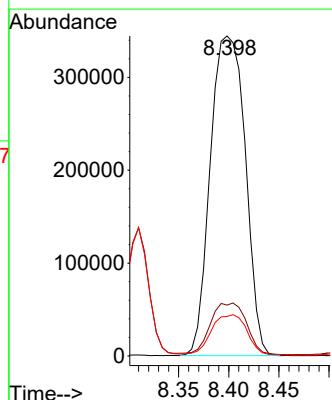
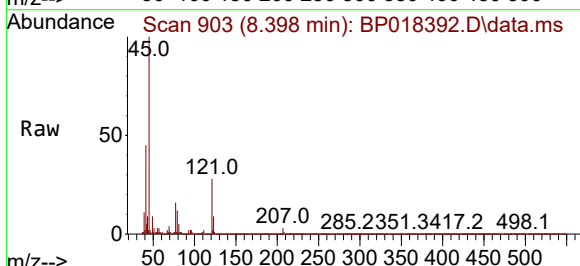
Tgt Ion: 45 Resp: 835917

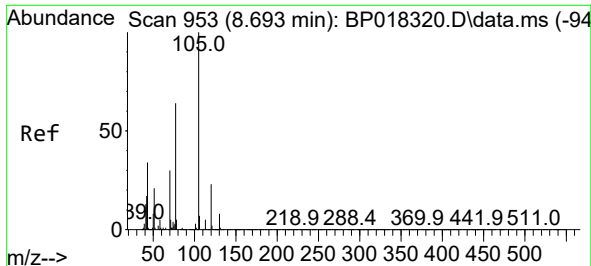
Ion Ratio Lower Upper

45 100

77 15.9 11.4 17.2

79 12.4 8.4 12.6

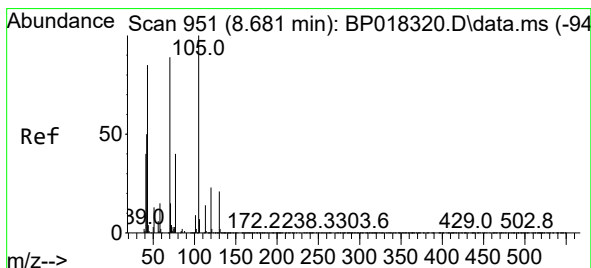
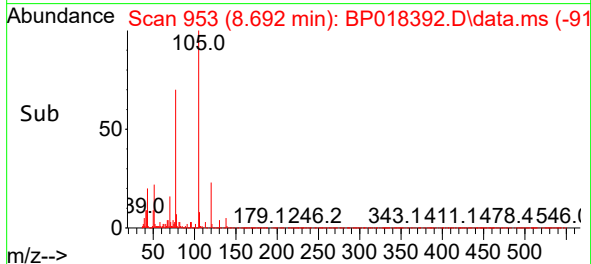
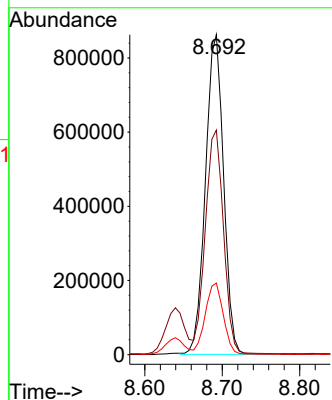
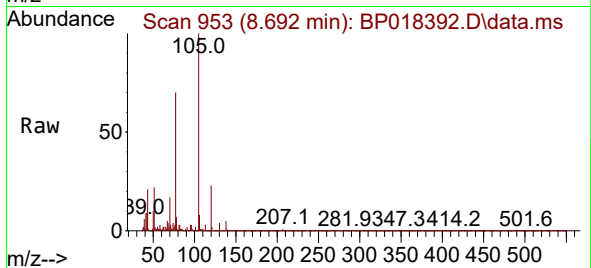




#16
Acetophenone
Concen: 24.999 ng/ul
RT: 8.692 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP018392.D
Acq: 26 Nov 2023 05:27

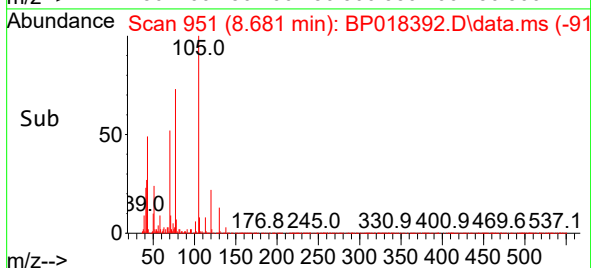
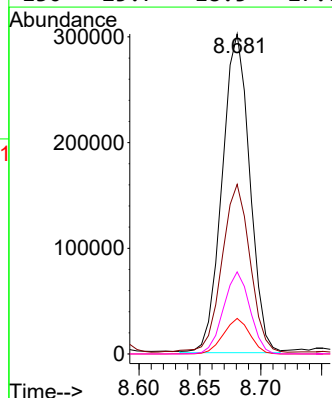
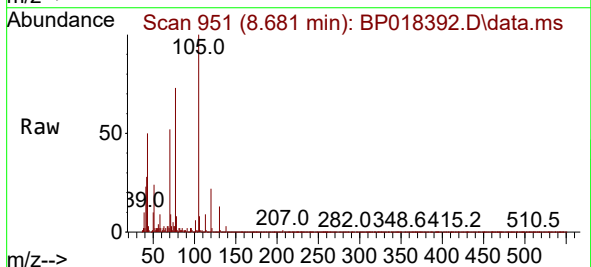
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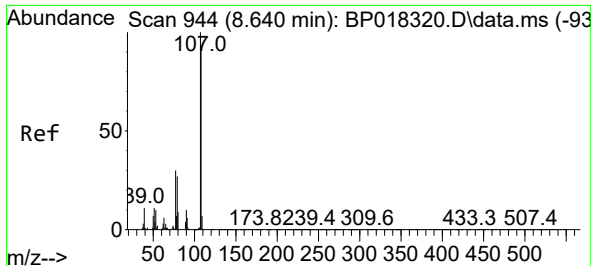
Tgt Ion:105 Resp: 1396715
Ion Ratio Lower Upper
105 100
77 70.2 59.5 89.3
51 22.4 20.5 30.7



#17
N-Nitroso-di-n-propylamine
Concen: 15.278 ng/ul
RT: 8.681 min Scan# 951
Delta R.T. -0.006 min
Lab File: BP018392.D
Acq: 26 Nov 2023 05:27

Tgt Ion: 70 Resp: 476840
Ion Ratio Lower Upper
70 100
42 53.0 46.8 70.2
101 11.1 8.4 12.6
130 25.7 18.5 27.7

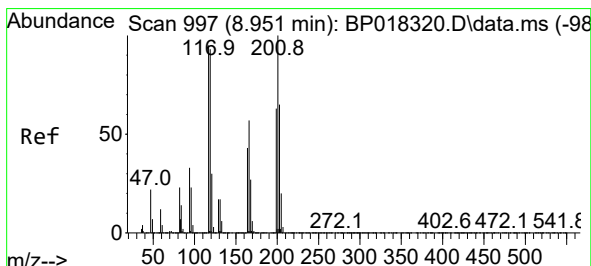
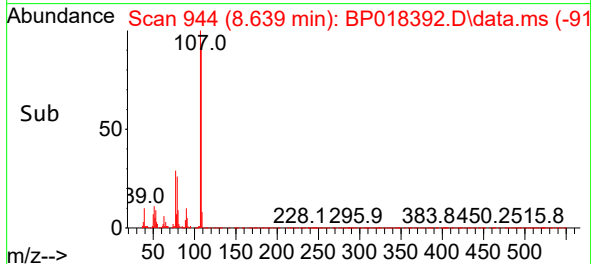
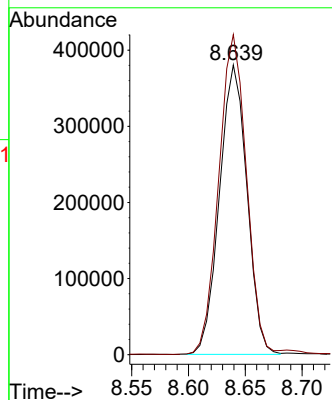
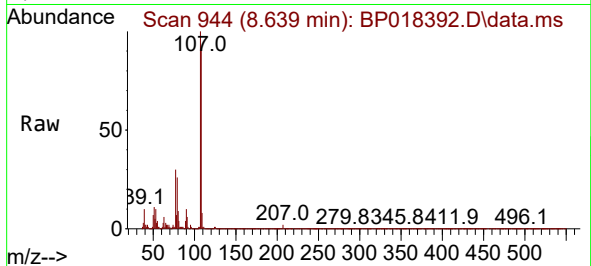




#18
4-Methylphenol
Concen: 17.337 ng/ul
RT: 8.639 min Scan# 944
Delta R.T. -0.000 min
Lab File: BP018392.D
Acq: 26 Nov 2023 05:27

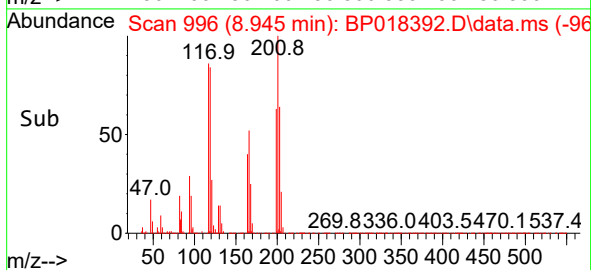
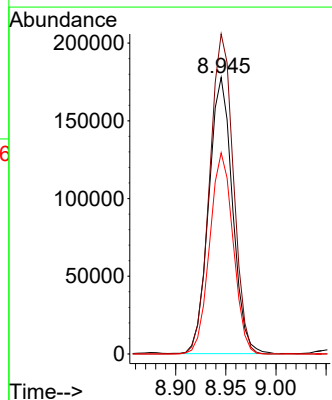
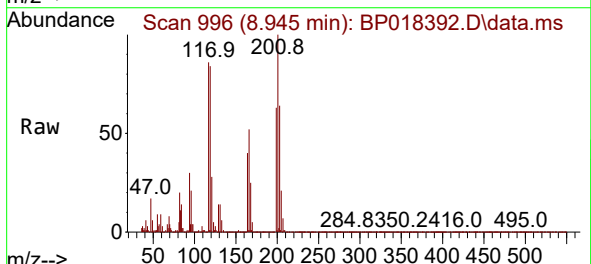
Instrument :
BNA_P
ClientSampleId :

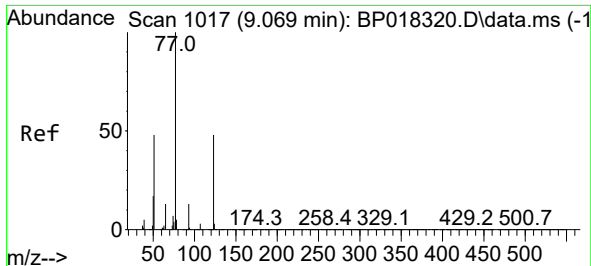
Tgt Ion:108 Resp: 640018
Ion Ratio Lower Upper
108 100
107 110.4 89.5 134.3



#19
Hexachloroethane
Concen: 18.371 ng/ul
RT: 8.945 min Scan# 996
Delta R.T. -0.006 min
Lab File: BP018392.D
Acq: 26 Nov 2023 05:27

Tgt Ion:117 Resp: 292385
Ion Ratio Lower Upper
117 100
201 115.8 85.6 128.4
199 72.7 54.2 81.4

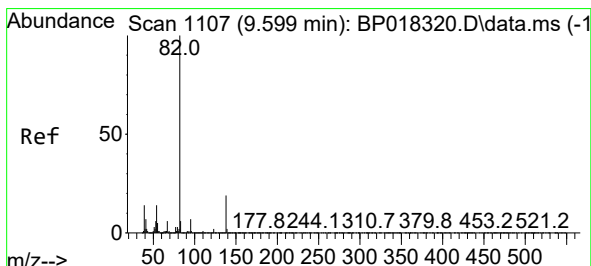
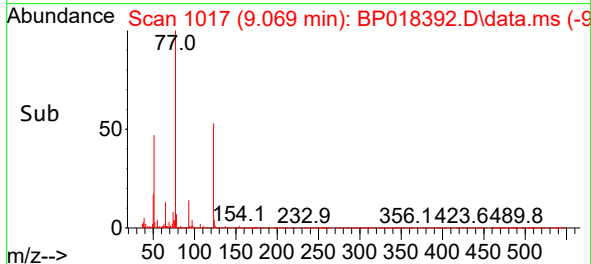
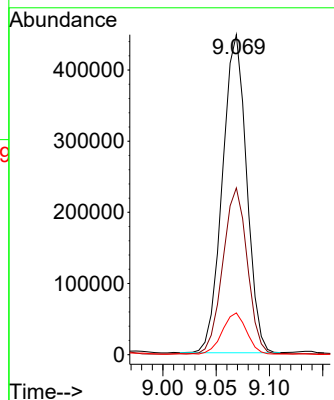
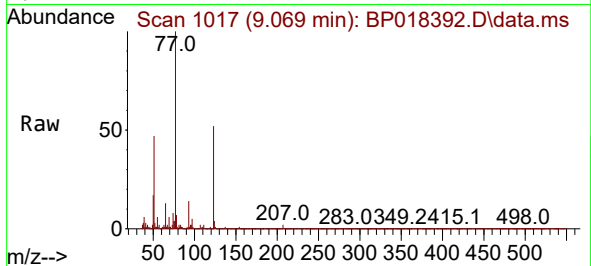




#22
Nitrobenzene
Concen: 18.359 ng/ul
RT: 9.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP018392.D
Acq: 26 Nov 2023 05:27

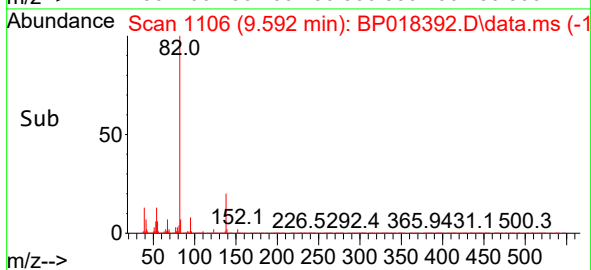
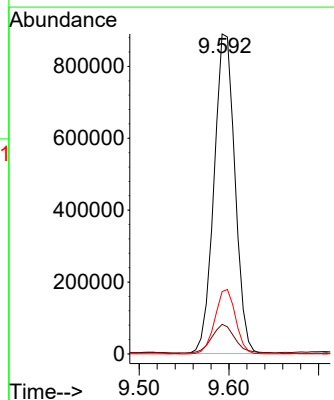
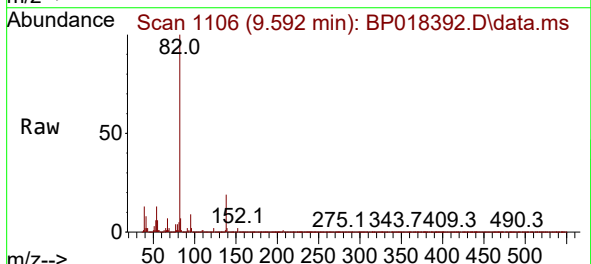
Instrument :
BNA_P
ClientSampleId :

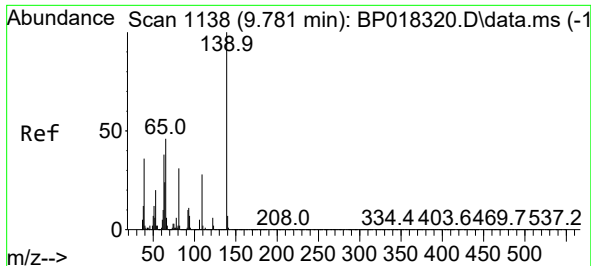
Tgt Ion: 77 Resp: 704809
Ion Ratio Lower Upper
77 100
123 52.1 37.7 56.5
65 13.0 10.5 15.7



#23
Isophorone
Concen: 16.788 ng/ul
RT: 9.592 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BP018392.D
Acq: 26 Nov 2023 05:27

Tgt Ion: 82 Resp: 1436483
Ion Ratio Lower Upper
82 100
95 9.2 5.8 8.6#
138 19.5 14.9 22.3

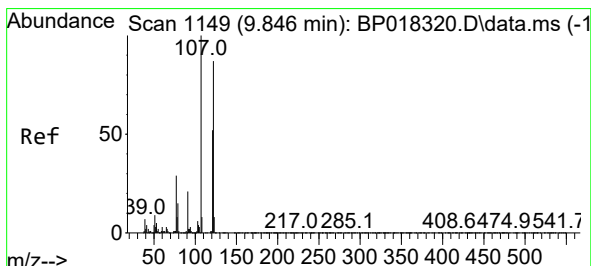
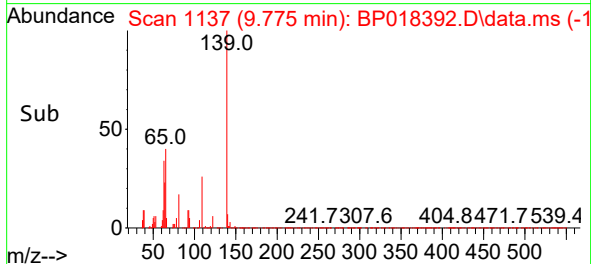
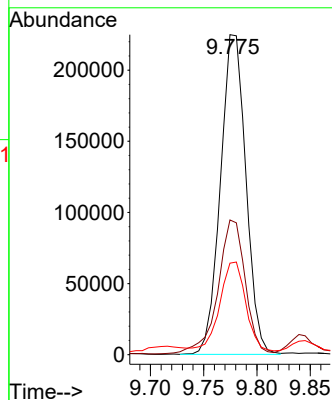
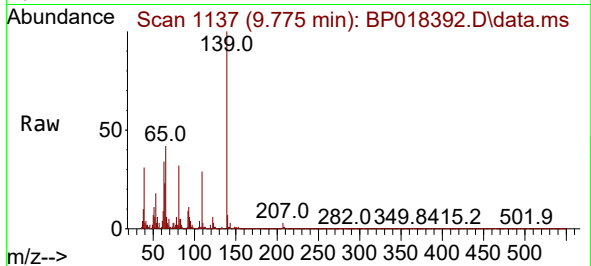




#25
2-Nitrophenol
Concen: 21.896 ng/ul
RT: 9.775 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BP018392.D
Acq: 26 Nov 2023 05:27

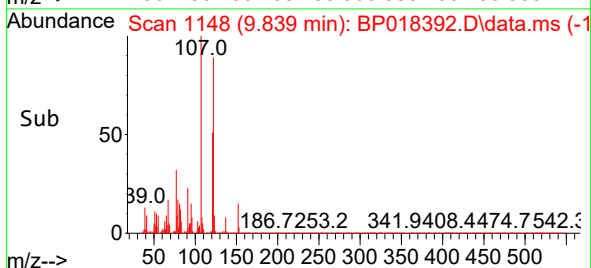
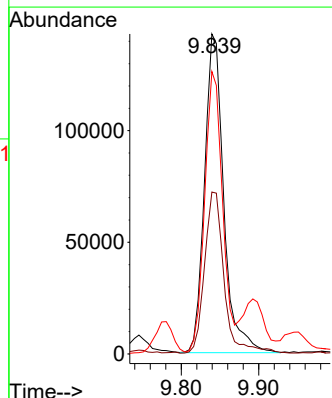
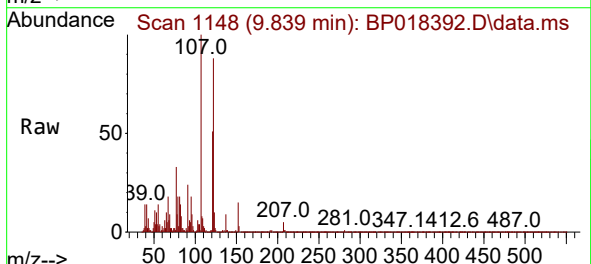
Instrument :
BNA_P
ClientSampleId :

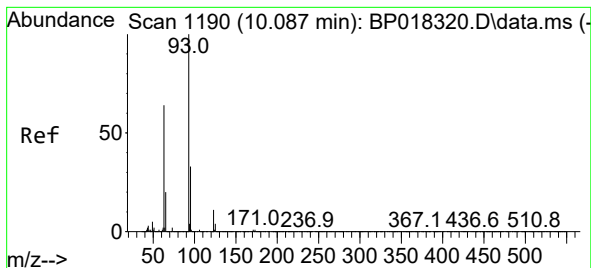
Tgt Ion:139 Resp: 372821
Ion Ratio Lower Upper
139 100
65 42.1 38.3 57.5
109 28.6 23.4 35.0



#26
2,4-Dimethylphenol
Concen: 6.449 ng/ul
RT: 9.839 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BP018392.D
Acq: 26 Nov 2023 05:27

Tgt Ion:107 Resp: 246533
Ion Ratio Lower Upper
107 100
121 50.6 40.0 60.0
122 88.2 70.4 105.6

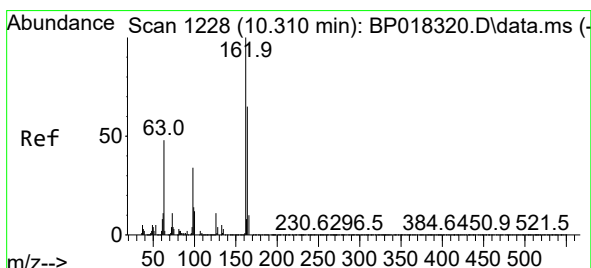
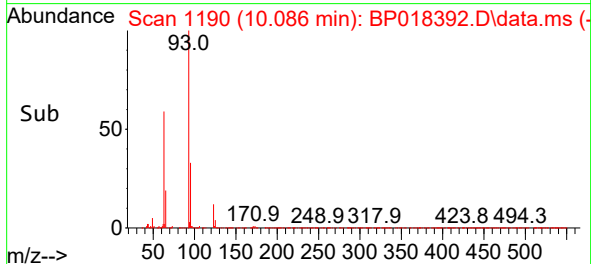
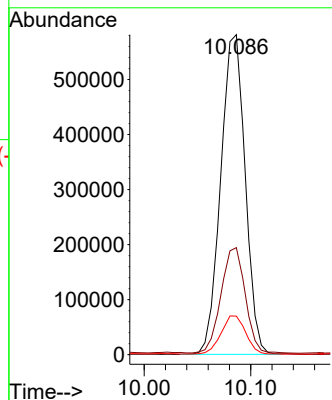
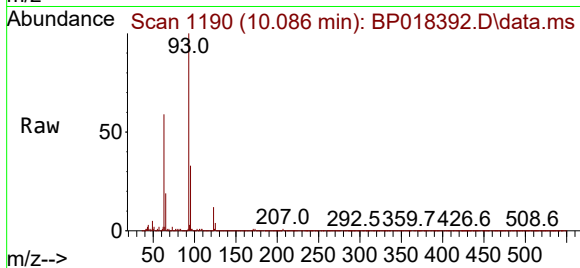




#27
 Bis(2-Chloroethoxy)methane
 Concen: 17.887 ng/ul
 RT: 10.086 min Scan# 1190
 Delta R.T. -0.000 min
 Lab File: BP018392.D
 Acq: 26 Nov 2023 05:27

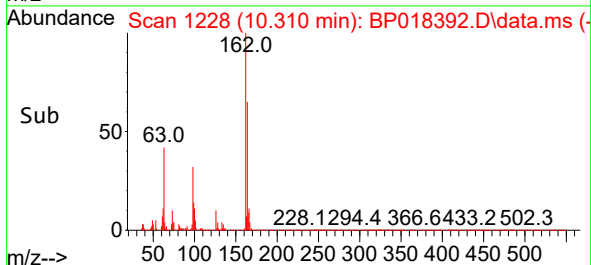
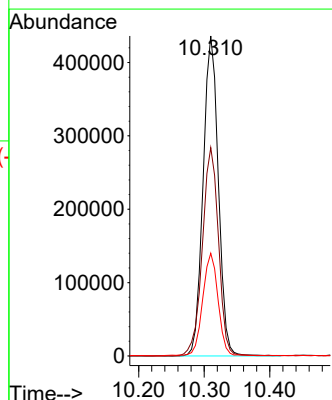
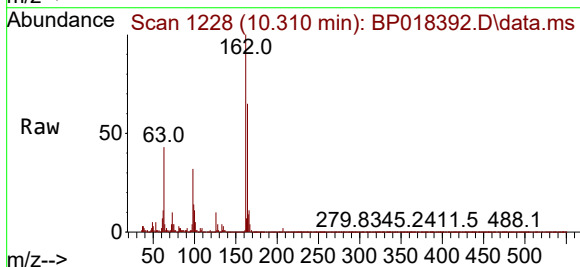
Instrument :
 BNA_P
 ClientSampleId :

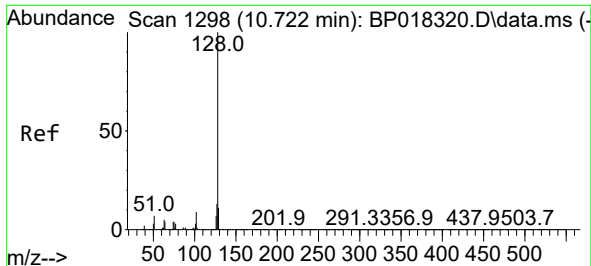
Tgt Ion: 93 Resp: 924333
 Ion Ratio Lower Upper
 93 100
 95 33.5 26.0 39.0
 123 12.1 9.1 13.7



#29
 2,4-Dichlorophenol
 Concen: 20.230 ng/ul
 RT: 10.310 min Scan# 1228
 Delta R.T. -0.006 min
 Lab File: BP018392.D
 Acq: 26 Nov 2023 05:27

Tgt Ion: 162 Resp: 707498
 Ion Ratio Lower Upper
 162 100
 164 65.1 53.0 79.6
 98 32.1 27.7 41.5

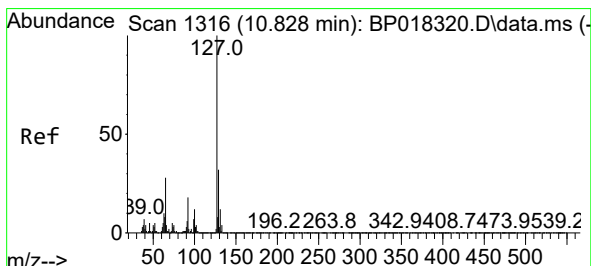
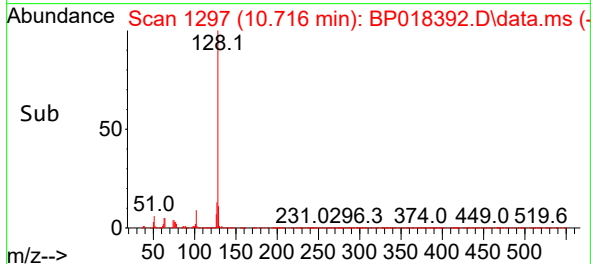
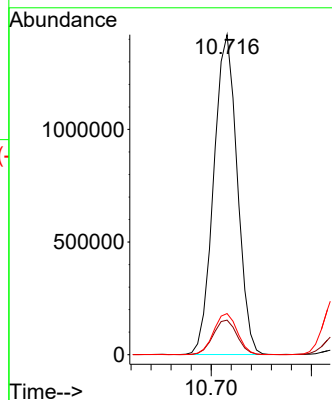
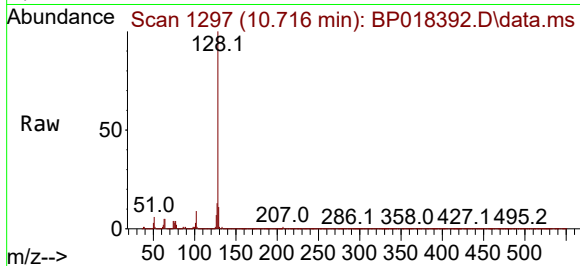




#30
Naphthalene
Concen: 18.957 ng/ul
RT: 10.716 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BP018392.D
Acq: 26 Nov 2023 05:27

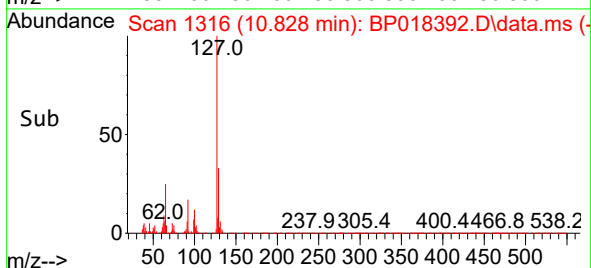
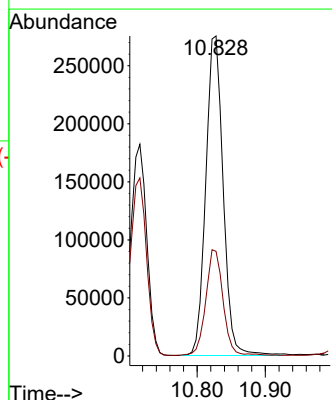
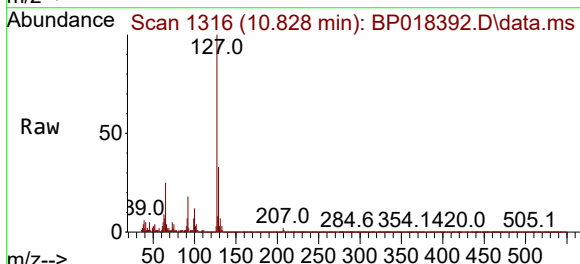
Instrument :
BNA_P
ClientSampleId :

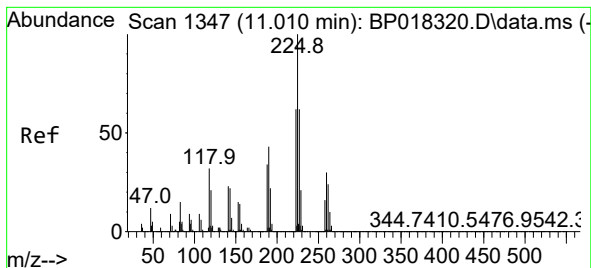
Tgt Ion:128 Resp: 2313104
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 12.8 10.4 15.6



#32
4-Chloroaniline
Concen: 10.523 ng/ul
RT: 10.828 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BP018392.D
Acq: 26 Nov 2023 05:27

Tgt Ion:127 Resp: 488965
Ion Ratio Lower Upper
127 100
129 32.7 25.8 38.8





#33

Hexachlorobutadiene

Concen: 21.566 ng/ul

RT: 11.004 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP018392.D

Acq: 26 Nov 2023 05:27

Instrument :

BNA_P

ClientSampleId :

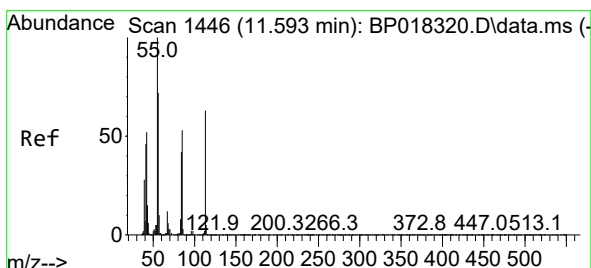
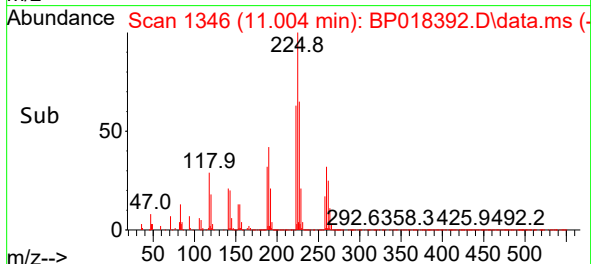
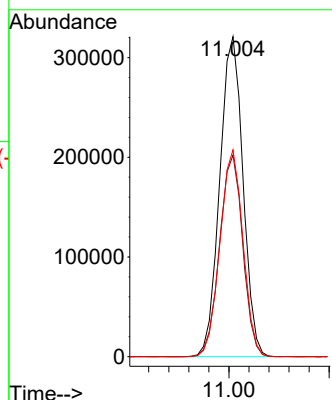
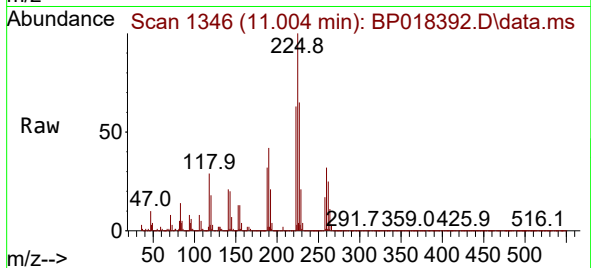
Tgt Ion:225 Resp: 514408

Ion Ratio Lower Upper

225 100

223 63.0 50.2 75.4

227 64.6 50.4 75.6



#34

Caprolactam

Concen: 20.335 ng/ul

RT: 11.598 min Scan# 1447

Delta R.T. 0.011 min

Lab File: BP018392.D

Acq: 26 Nov 2023 05:27

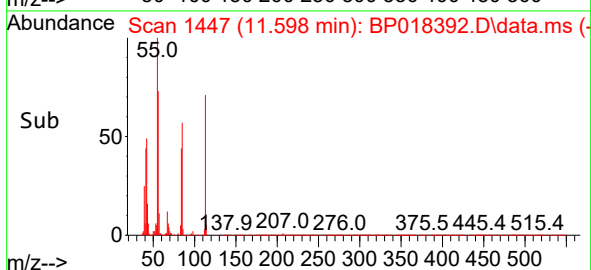
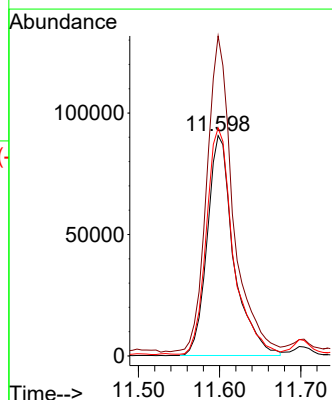
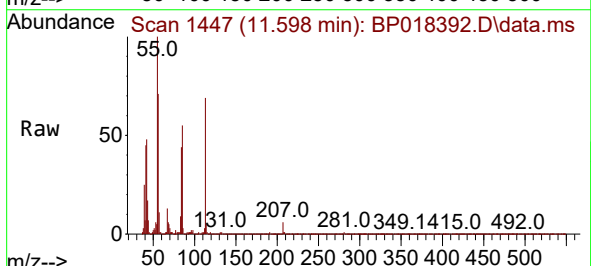
Tgt Ion:113 Resp: 204940

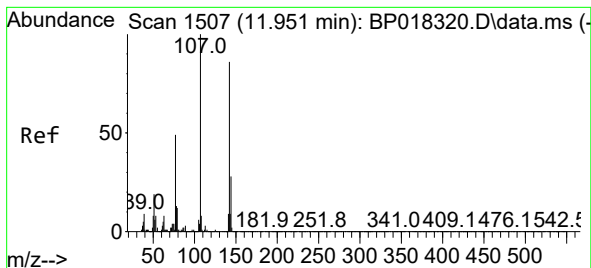
Ion Ratio Lower Upper

113 100

55 145.2 129.0 193.4

56 103.5 94.8 142.2

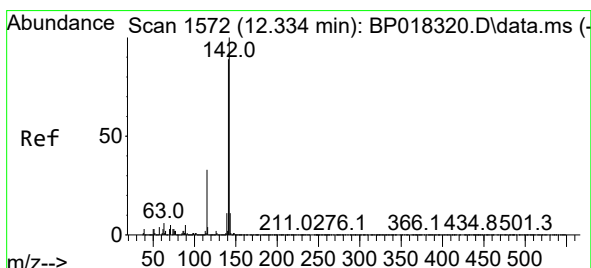
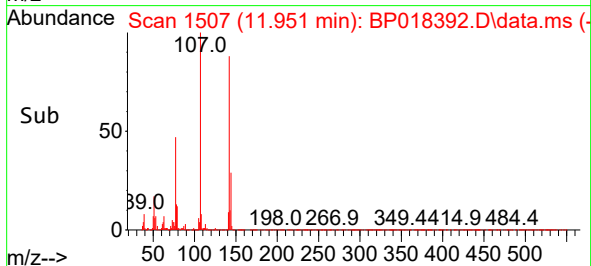
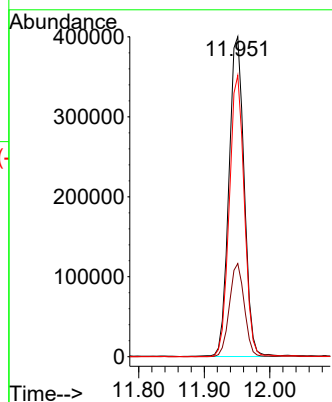
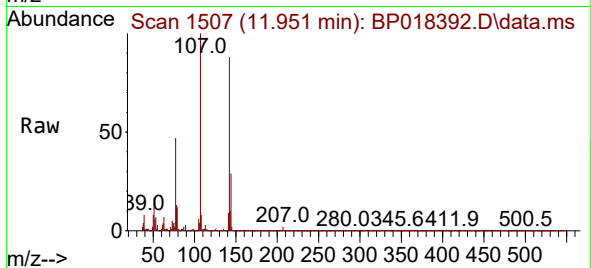




#35
4-Chloro-3-methylphenol
Concen: 17.337 ng/ul
RT: 11.951 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BP018392.D
Acq: 26 Nov 2023 05:27

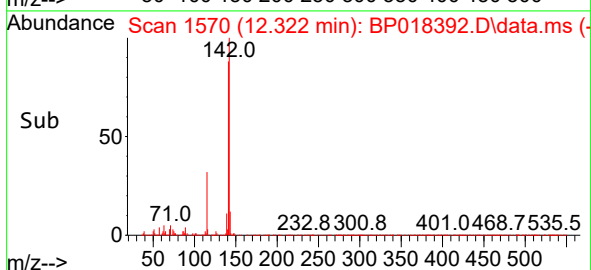
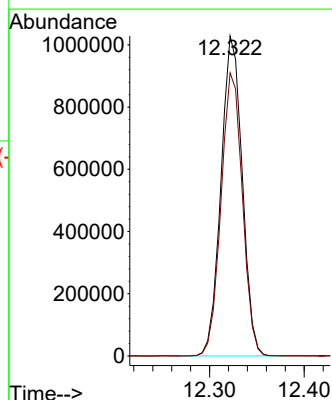
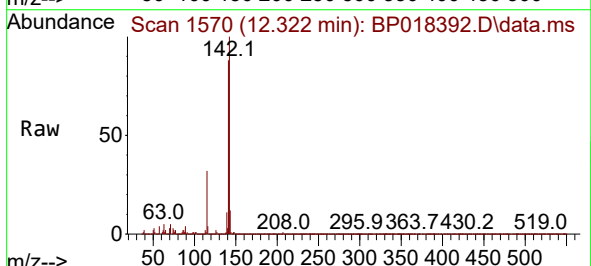
Instrument :
BNA_P
ClientSampleId :

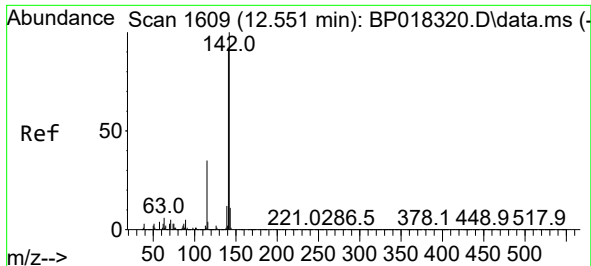
Tgt Ion:107 Resp: 648277
Ion Ratio Lower Upper
107 100
144 29.1 21.6 32.4
142 87.9 65.4 98.0



#36
2-Methylnaphthalene
Concen: 18.533 ng/ul
RT: 12.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BP018392.D
Acq: 26 Nov 2023 05:27

Tgt Ion:142 Resp: 1600481
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.4

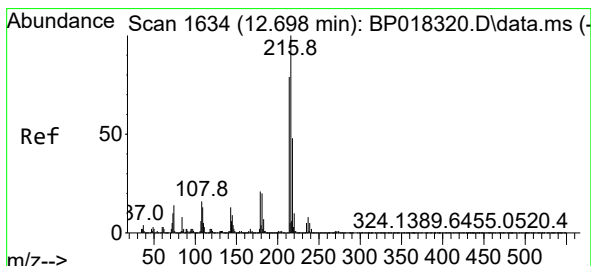
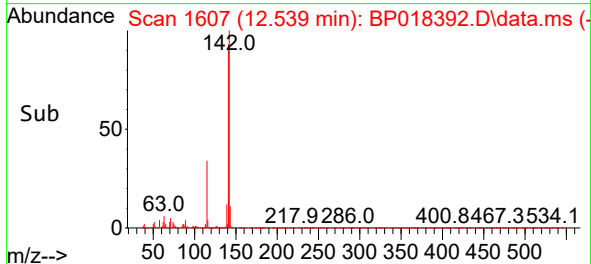
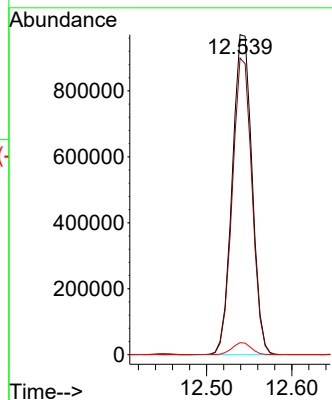
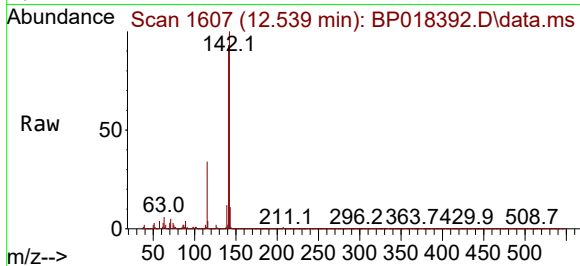




#37
1-Methylnaphthalene
Concen: 18.047 ng/ul
RT: 12.539 min Scan# 1607
Delta R.T. -0.012 min
Lab File: BP018392.D
Acq: 26 Nov 2023 05:27

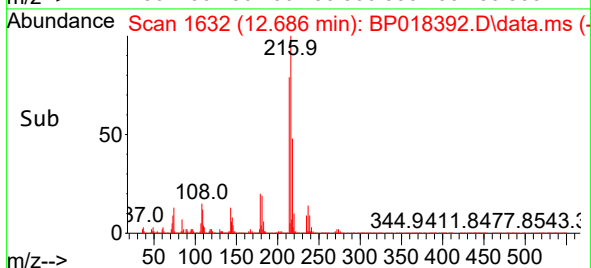
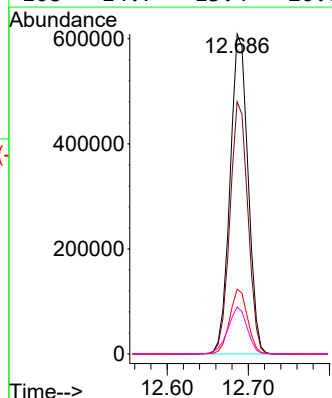
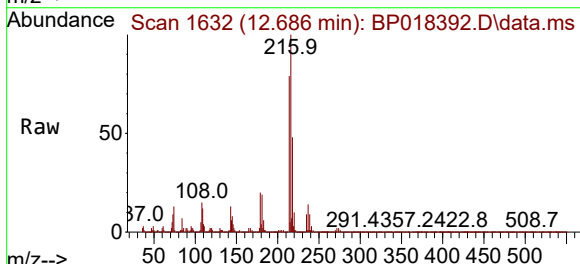
Instrument :
BNA_P
ClientSampleId :

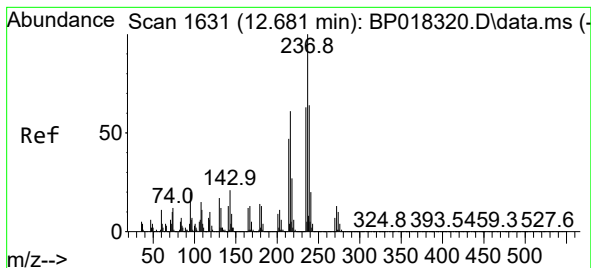
Tgt Ion:142 Resp: 1568709
Ion Ratio Lower Upper
142 100
141 92.7 73.9 110.9
116 3.8 3.0 4.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 22.151 ng/ul
RT: 12.686 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BP018392.D
Acq: 26 Nov 2023 05:27

Tgt Ion:216 Resp: 935461
Ion Ratio Lower Upper
216 100
214 78.8 63.3 94.9
179 20.3 17.3 25.9
108 14.7 13.4 20.0





#40

Hexachlorocyclopentadiene

Concen: 18.497 ng/ul

RT: 12.669 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP018392.D

Acq: 26 Nov 2023 05:27

Instrument :

BNA_P

ClientSampleId :

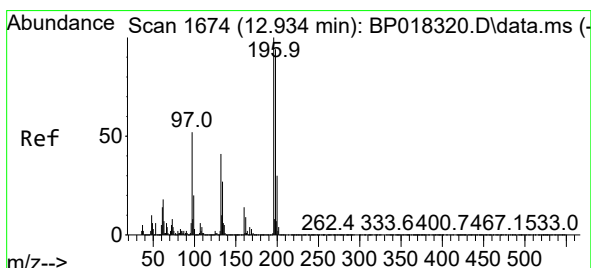
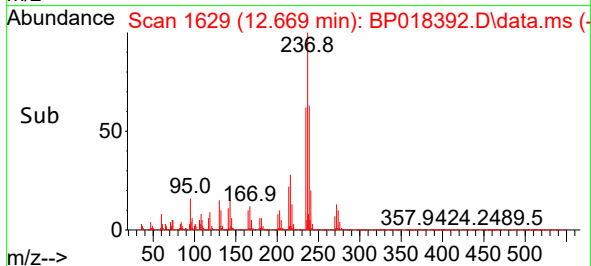
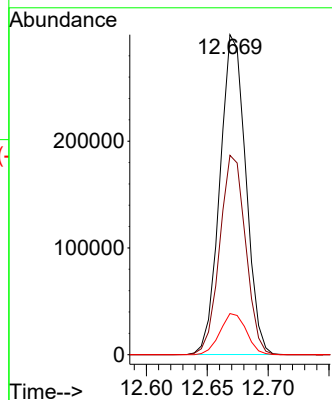
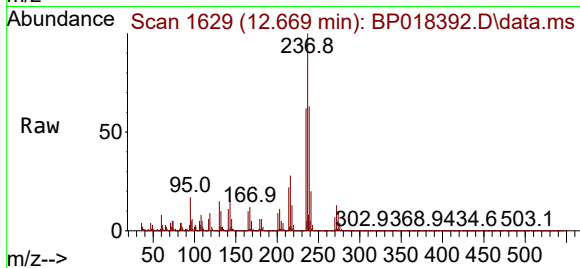
Tgt Ion:237 Resp: 442424

Ion Ratio Lower Upper

237 100

235 62.3 50.7 76.1

272 12.8 10.3 15.5



#41

2,4,6-Trichlorophenol

Concen: 22.335 ng/ul

RT: 12.927 min Scan# 1673

Delta R.T. -0.006 min

Lab File: BP018392.D

Acq: 26 Nov 2023 05:27

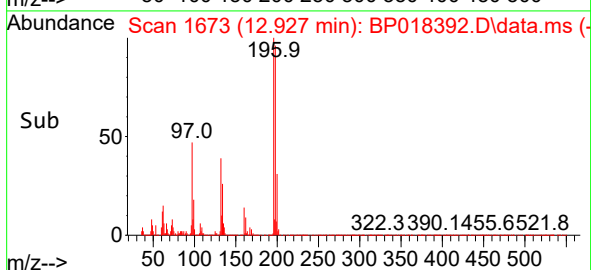
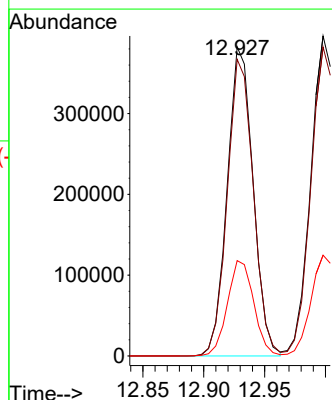
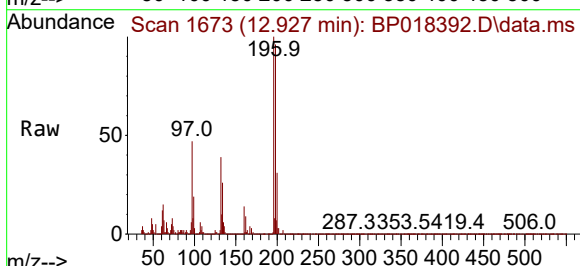
Tgt Ion:196 Resp: 566471

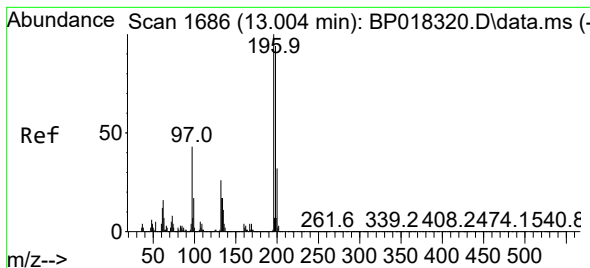
Ion Ratio Lower Upper

196 100

198 95.9 78.0 117.0

200 30.9 24.6 37.0





#42

2,4,5-Trichlorophenol

Concen: 22.032 ng/ul

RT: 12.998 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP018392.D

Acq: 26 Nov 2023 05:27

Instrument :

BNA_P

ClientSampleId :

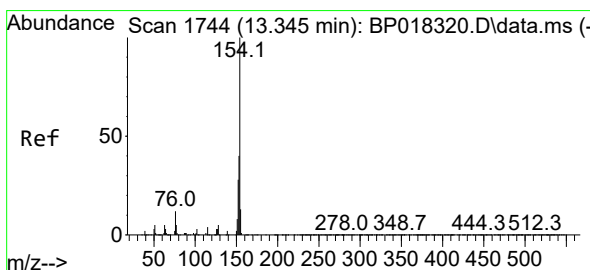
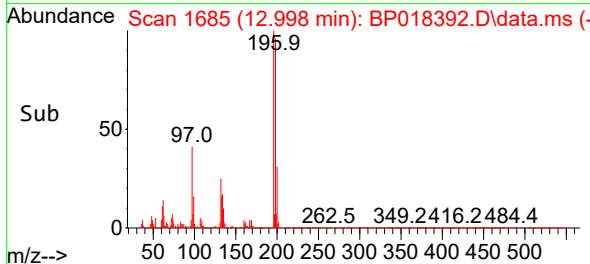
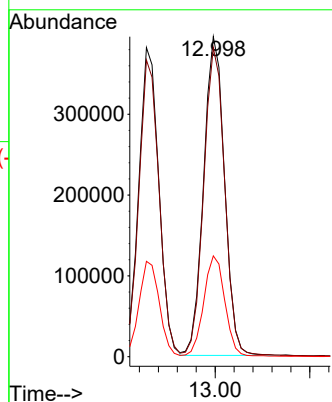
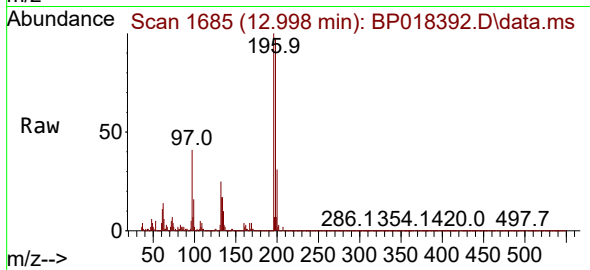
Tgt Ion:196 Resp: 604238

Ion Ratio Lower Upper

196 100

198 96.6 76.7 115.1

200 31.5 24.6 36.8



#43

1,1'-Biphenyl

Concen: 20.134 ng/ul

RT: 13.333 min Scan# 1742

Delta R.T. -0.006 min

Lab File: BP018392.D

Acq: 26 Nov 2023 05:27

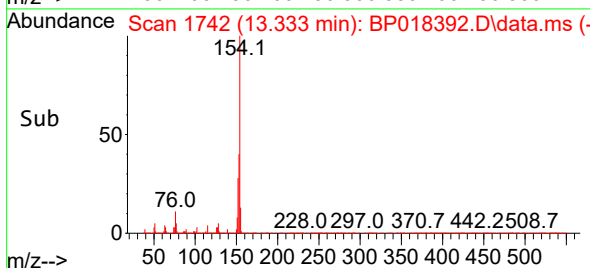
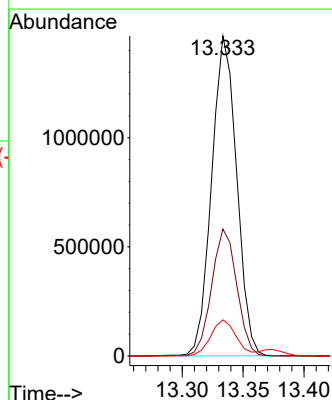
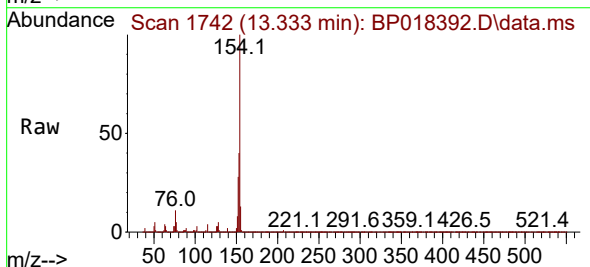
Tgt Ion:154 Resp: 2097635

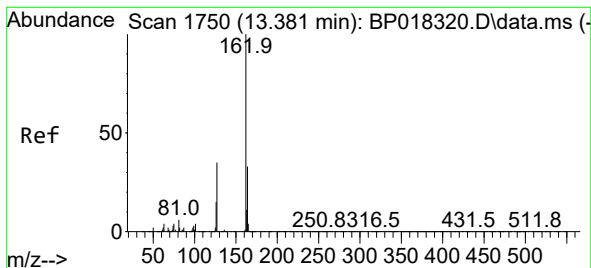
Ion Ratio Lower Upper

154 100

153 39.7 32.2 48.2

76 11.3 9.9 14.9





#44

2-Chloronaphthalene

Concen: 20.333 ng/ul

RT: 13.375 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP018392.D

Acq: 26 Nov 2023 05:27

Instrument :

BNA_P

ClientSampleId :

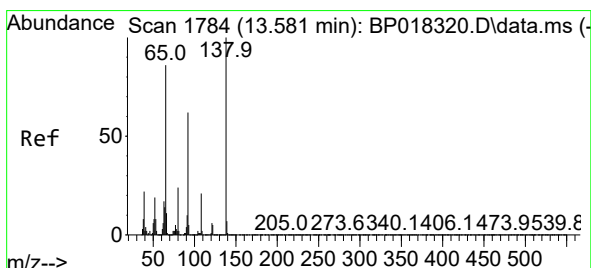
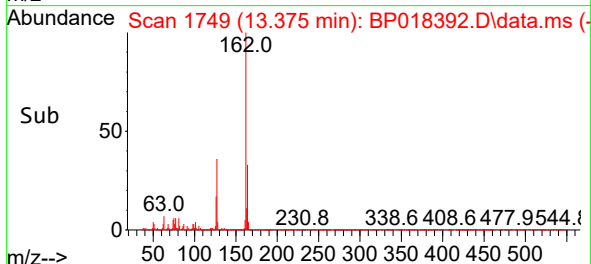
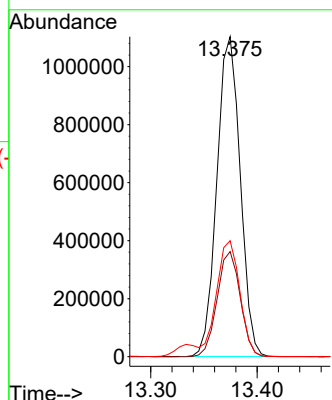
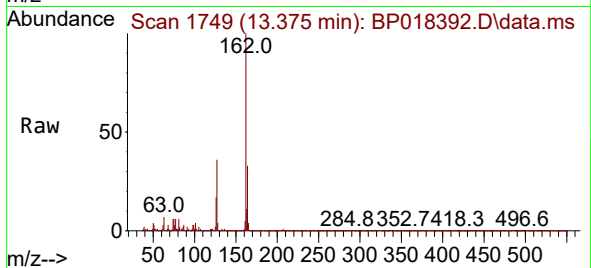
Tgt Ion:162 Resp: 1676619

Ion Ratio Lower Upper

162 100

164 32.9 26.2 39.4

127 36.2 30.6 45.8



#45

2-Nitroaniline

Concen: 19.848 ng/ul

RT: 13.580 min Scan# 1784

Delta R.T. -0.000 min

Lab File: BP018392.D

Acq: 26 Nov 2023 05:27

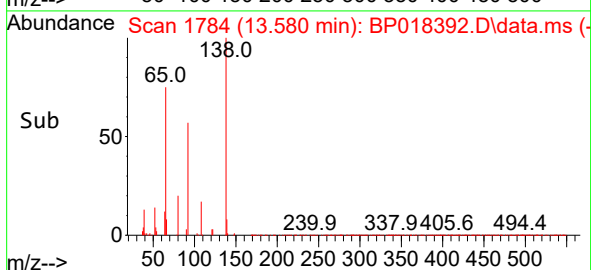
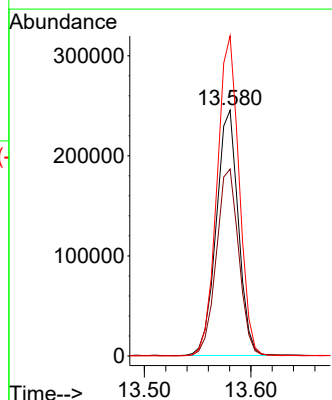
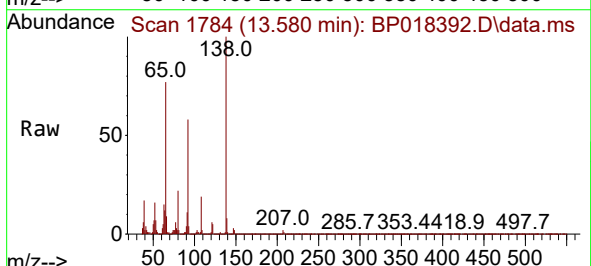
Tgt Ion: 65 Resp: 352163

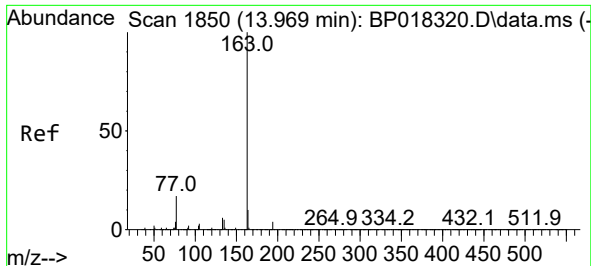
Ion Ratio Lower Upper

65 100

92 76.0 57.4 86.2

138 130.2 90.6 136.0

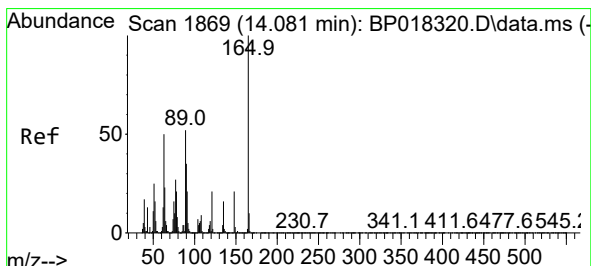
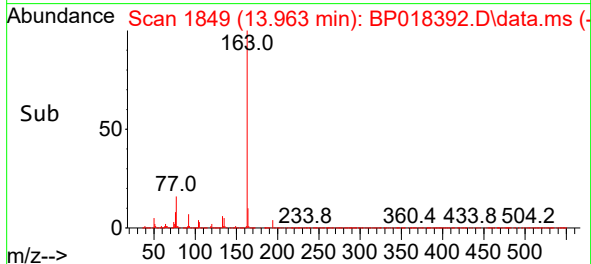
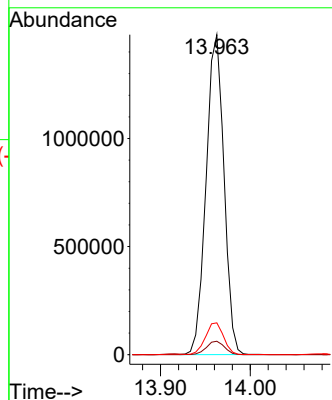
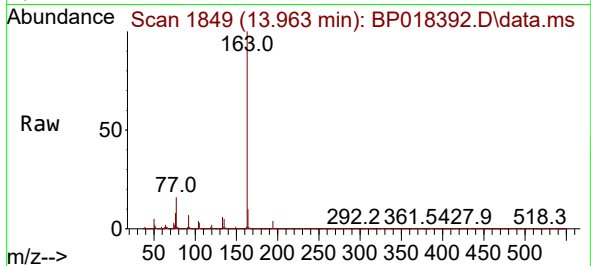




#47
Dimethylphthalate
Concen: 19.655 ng/ul
RT: 13.963 min Scan# 1849
Delta R.T. -0.000 min
Lab File: BP018392.D
Acq: 26 Nov 2023 05:27

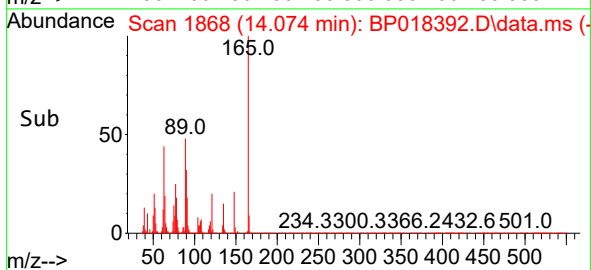
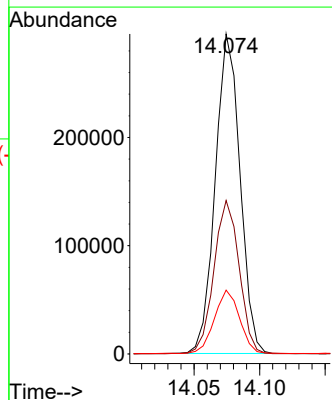
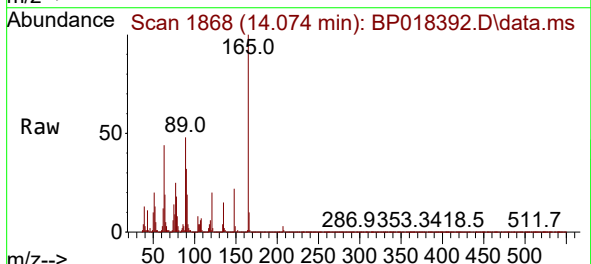
Instrument :
BNA_P
ClientSampleId :

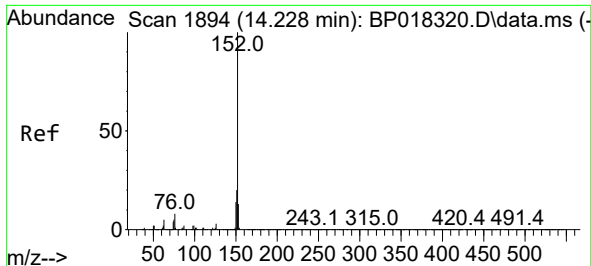
Tgt Ion:163 Resp: 2046205
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.0 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 22.014 ng/ul
RT: 14.074 min Scan# 1868
Delta R.T. -0.006 min
Lab File: BP018392.D
Acq: 26 Nov 2023 05:27

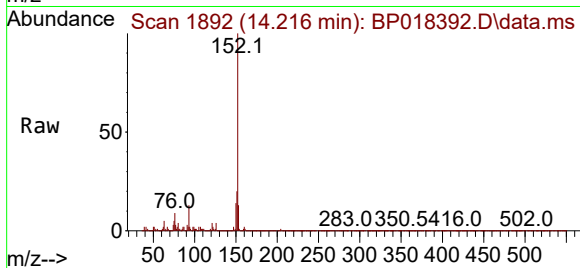
Tgt Ion:165 Resp: 386384
Ion Ratio Lower Upper
165 100
89 48.0 45.8 68.6
121 20.0 17.8 26.8



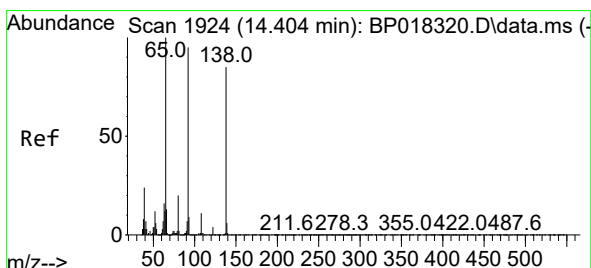
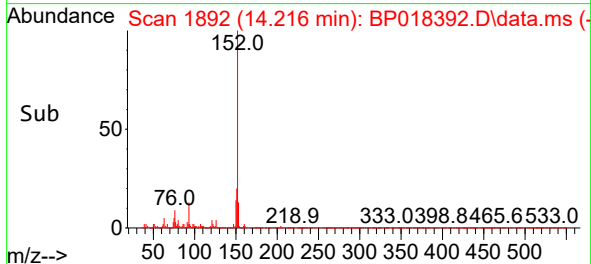
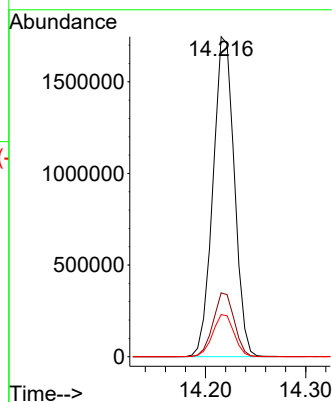


#50
Acenaphthylene
Concen: 19.135 ng/ul
RT: 14.216 min Scan# 1892
Delta R.T. -0.006 min
Lab File: BP018392.D
Acq: 26 Nov 2023 05:27

Instrument :
BNA_P
ClientSampleId :

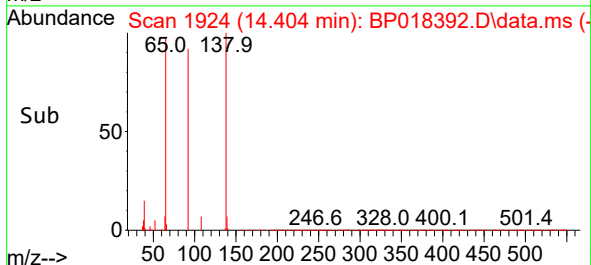
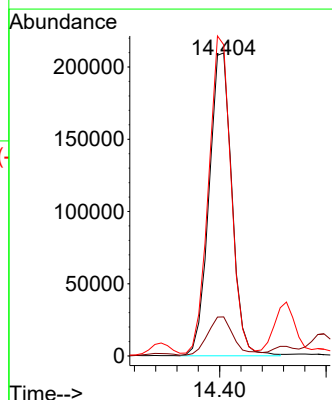
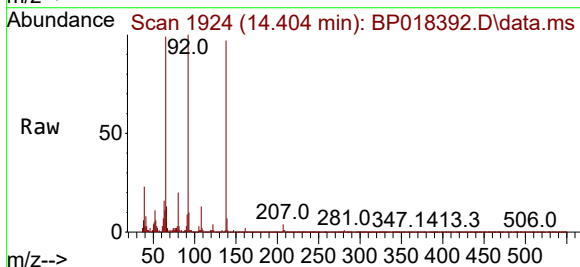


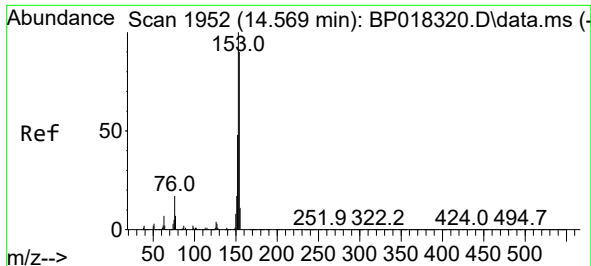
Tgt Ion:152 Resp: 2585892
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.2 10.8 16.2



#51
3-Nitroaniline
Concen: 17.875 ng/ul
RT: 14.404 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BP018392.D
Acq: 26 Nov 2023 05:27

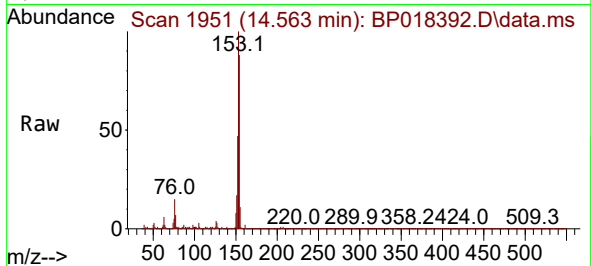
Tgt Ion:138 Resp: 311728
Ion Ratio Lower Upper
138 100
108 12.9 13.2 19.8#
92 102.7 90.2 135.4



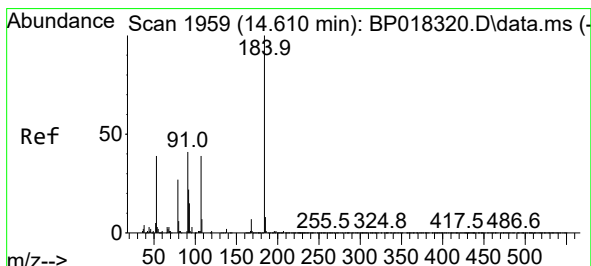
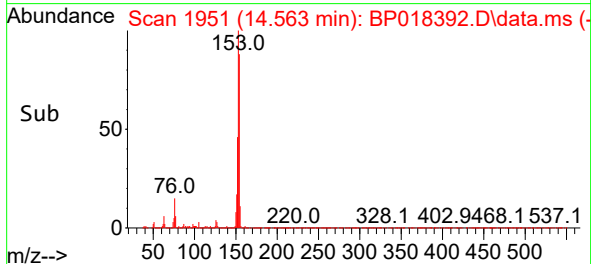
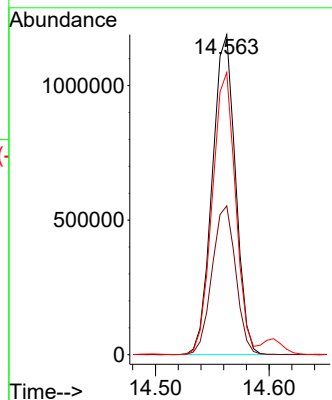


#52
Acenaphthene
Concen: 19.143 ng/ul
RT: 14.563 min Scan# 1951
Delta R.T. -0.000 min
Lab File: BP018392.D
Acq: 26 Nov 2023 05:27

Instrument :
BNA_P
ClientSampleId :

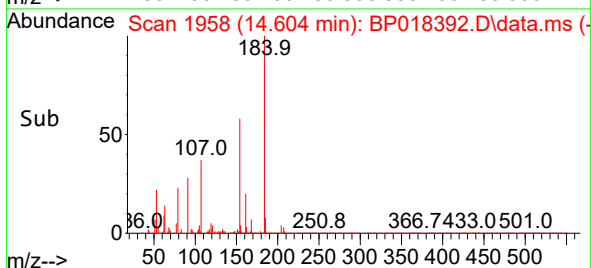
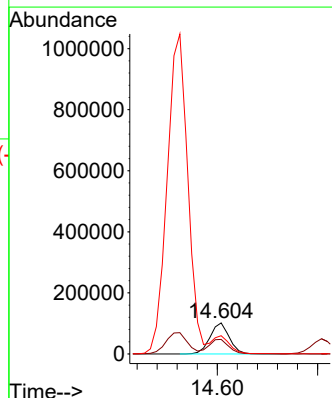
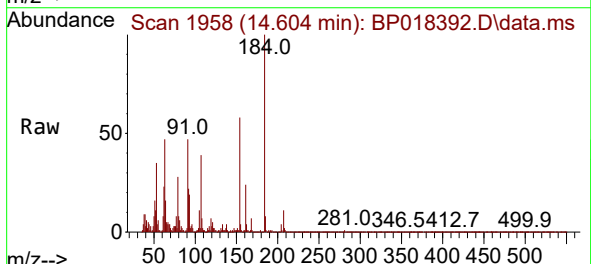


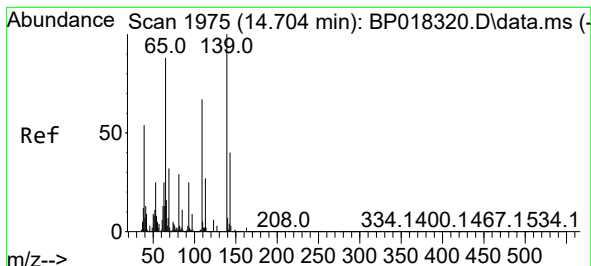
Tgt Ion:153 Resp: 1689916
Ion Ratio Lower Upper
153 100
152 46.5 37.8 56.8
154 88.2 71.2 106.8



#53
2,4-Dinitrophenol
Concen: 22.104 ng/ul
RT: 14.604 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BP018392.D
Acq: 26 Nov 2023 05:27

Tgt Ion:184 Resp: 135352
Ion Ratio Lower Upper
184 100
63 46.8 41.8 62.6
154 58.4 47.3 70.9

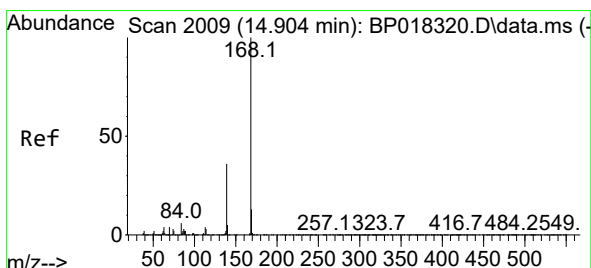
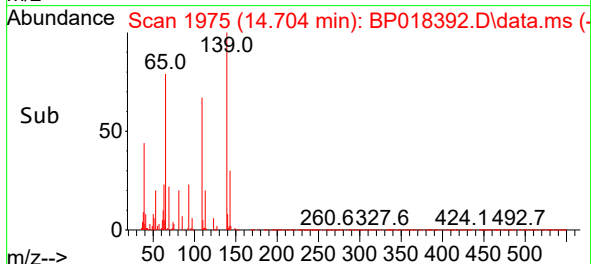
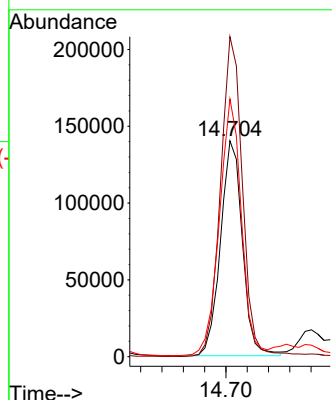
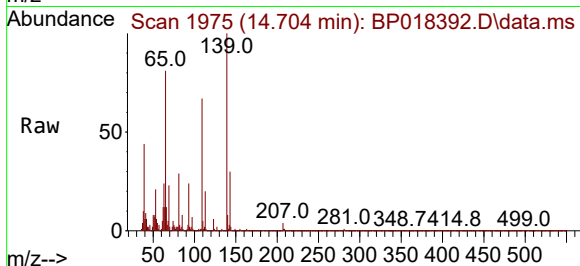




#55
4-Nitrophenol
Concen: 18.296 ng/ul
RT: 14.704 min Scan# 1975
Delta R.T. -0.000 min
Lab File: BP018392.D
Acq: 26 Nov 2023 05:27

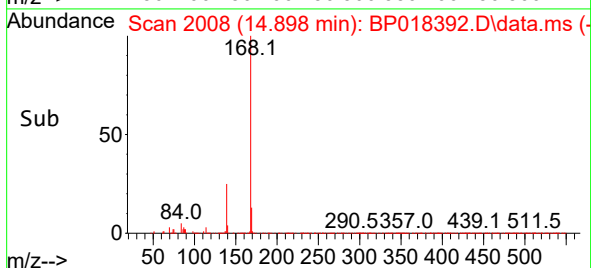
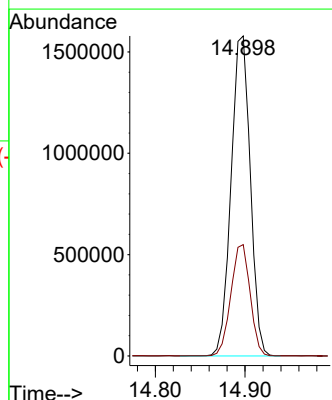
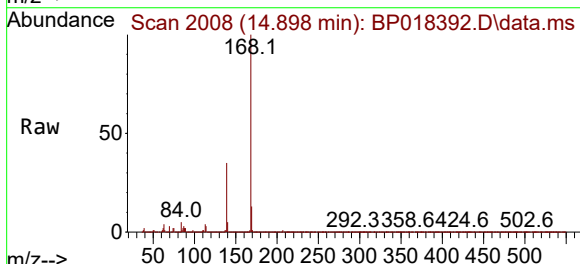
Instrument :
BNA_P
ClientSampleId :

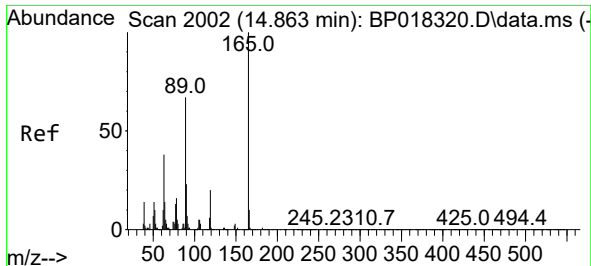
Tgt Ion	Ratio	Lower	Upper
109	100		
139	148.3	113.0	169.4
65	119.5	99.6	149.4



#56
Dibenzofuran
Concen: 19.438 ng/ul
RT: 14.898 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BP018392.D
Acq: 26 Nov 2023 05:27

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.8	29.0	43.4





#57

2,4-Dinitrotoluene

Concen: 22.384 ng/ul

RT: 14.857 min Scan# 2002

Delta R.T. -0.006 min

Lab File: BP018392.D

Acq: 26 Nov 2023 05:27

Instrument :

BNA_P

ClientSampleId :

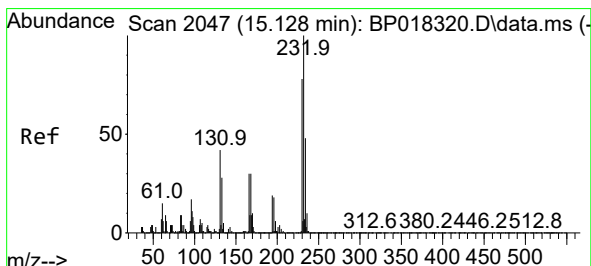
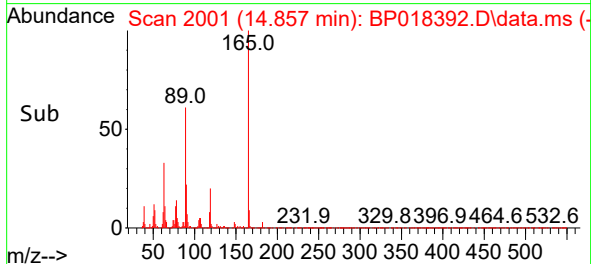
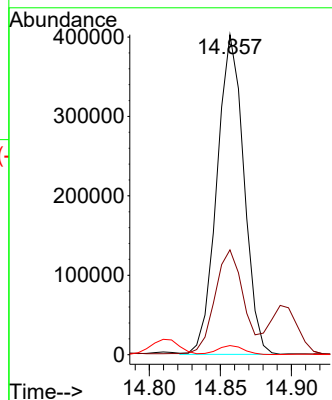
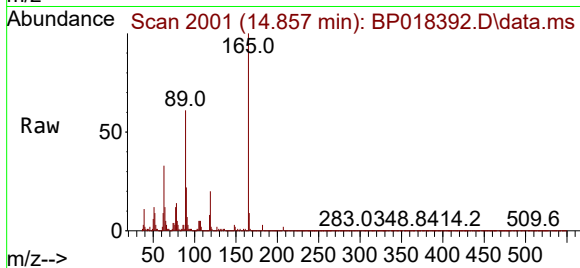
Tgt Ion:165 Resp: 530912

Ion Ratio Lower Upper

165 100

63 32.8 32.1 48.1

182 2.9 2.0 3.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 22.881 ng/ul

RT: 15.116 min Scan# 2045

Delta R.T. -0.006 min

Lab File: BP018392.D

Acq: 26 Nov 2023 05:27

Tgt Ion:232 Resp: 492815

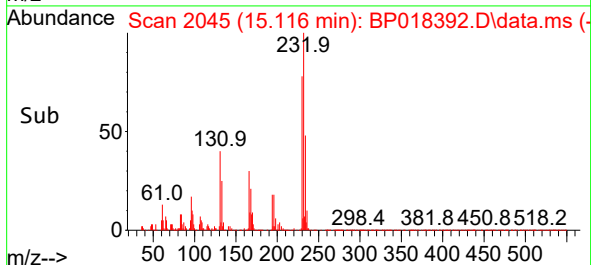
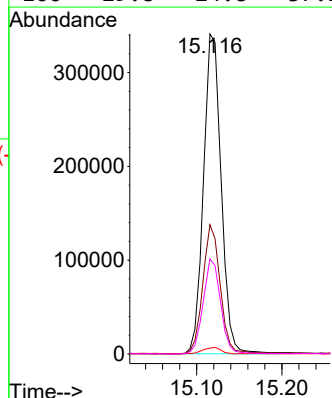
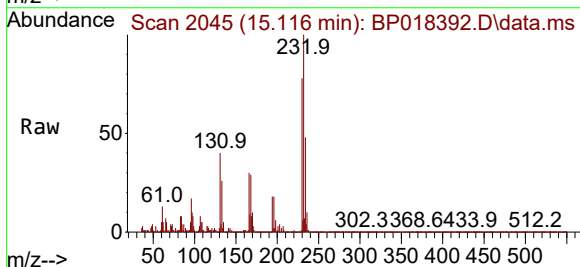
Ion Ratio Lower Upper

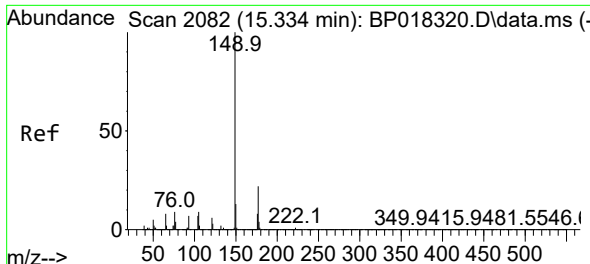
232 100

131 40.4 34.1 51.1

130 1.8 1.8 2.6

166 29.8 24.8 37.2

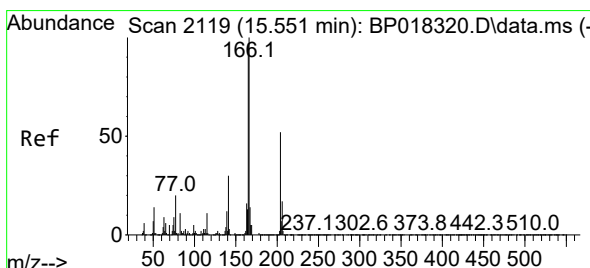
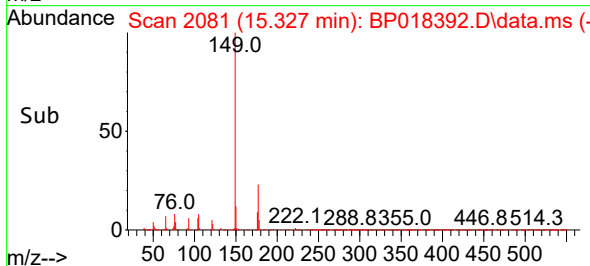
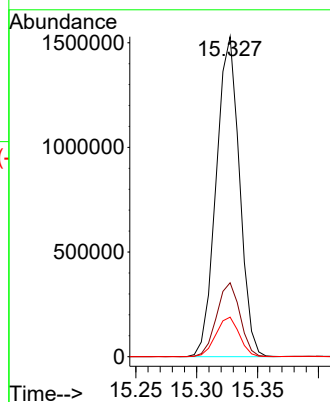
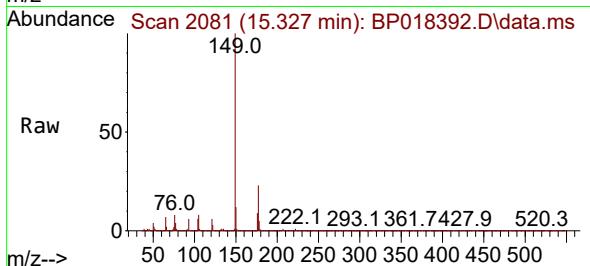




#59
Diethylphthalate
Concen: 19.414 ng/ul
RT: 15.327 min Scan# 2082
Delta R.T. -0.006 min
Lab File: BP018392.D
Acq: 26 Nov 2023 05:27

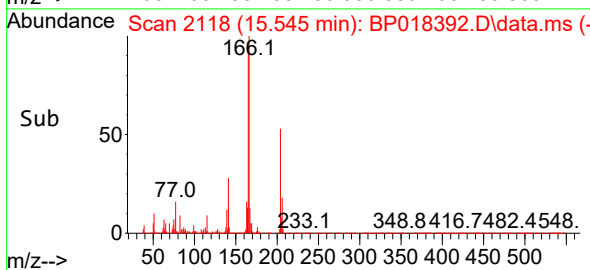
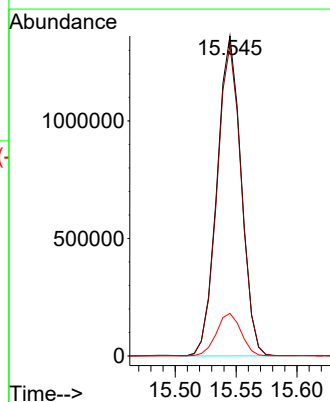
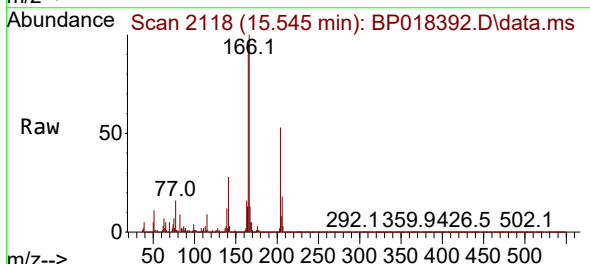
Instrument :
BNA_P
ClientSampleId :

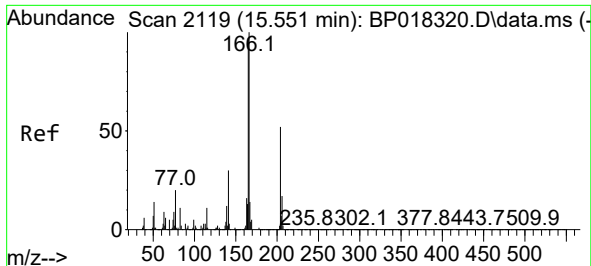
Tgt Ion:149 Resp: 2030299
Ion Ratio Lower Upper
149 100
177 23.1 18.2 27.2
150 12.4 10.2 15.2



#61
Fluorene
Concen: 19.052 ng/ul
RT: 15.545 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP018392.D
Acq: 26 Nov 2023 05:27

Tgt Ion:166 Resp: 1875130
Ion Ratio Lower Upper
166 100
165 97.2 77.5 116.3
167 13.3 10.6 16.0

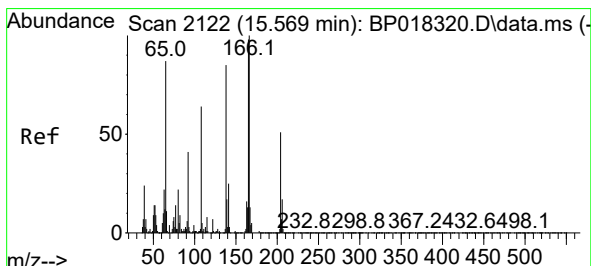
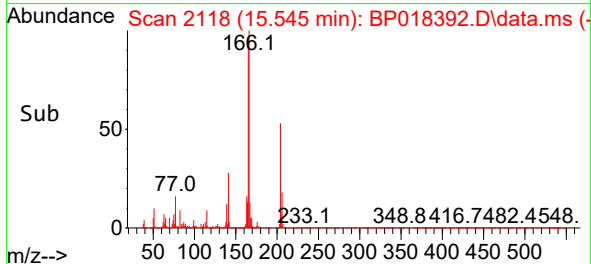
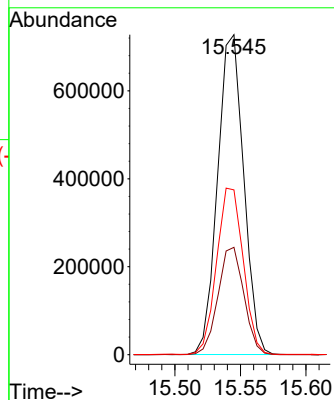
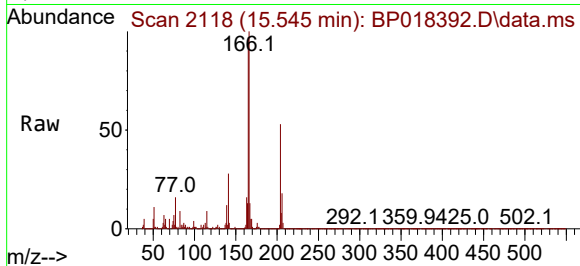




#62
4-Chlorophenyl-phenylether
Concen: 20.163 ng/ul
RT: 15.545 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP018392.D
Acq: 26 Nov 2023 05:27

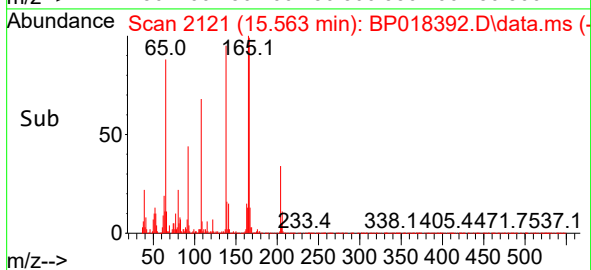
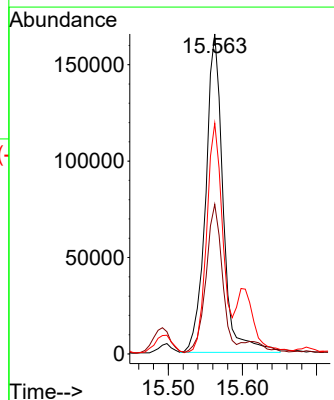
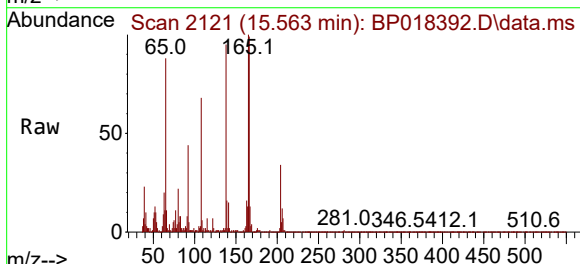
Instrument :
BNA_P
ClientSampleId :

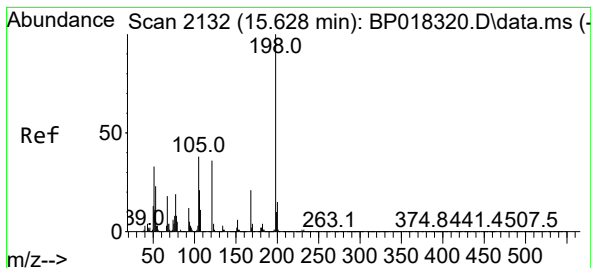
Tgt Ion:204 Resp: 1007722
Ion Ratio Lower Upper
204 100
206 33.6 26.2 39.2
141 51.5 44.8 67.2



#63
4-Nitroaniline
Concen: 16.440 ng/ul
RT: 15.563 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BP018392.D
Acq: 26 Nov 2023 05:27

Tgt Ion:138 Resp: 270568
Ion Ratio Lower Upper
138 100
92 46.8 39.3 58.9
108 72.1 61.8 92.6

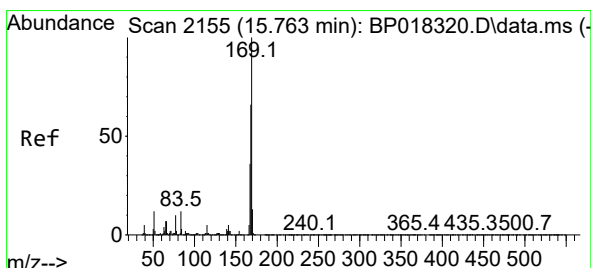
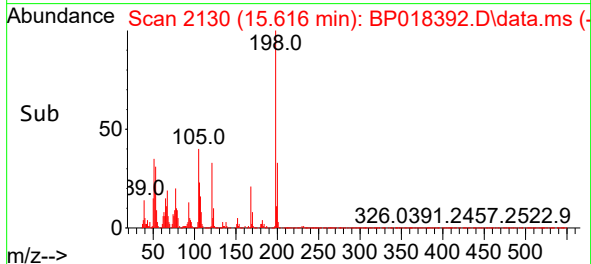
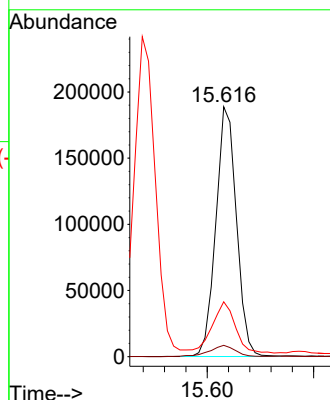
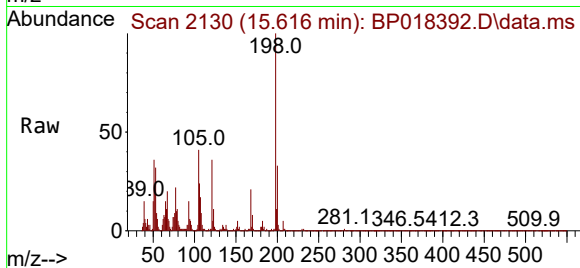




#66
4,6-Dinitro-2-methylphenol
Concen: 23.596 ng/ul
RT: 15.616 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BP018392.D
Acq: 26 Nov 2023 05:27

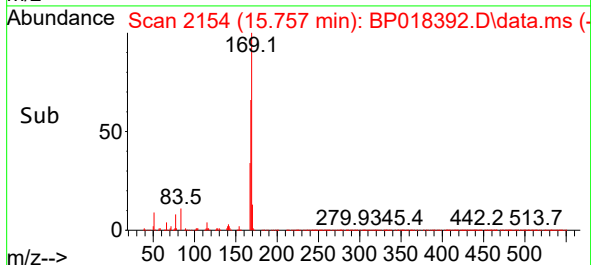
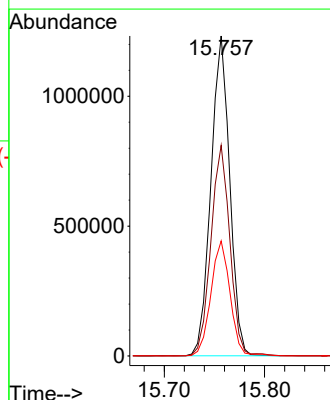
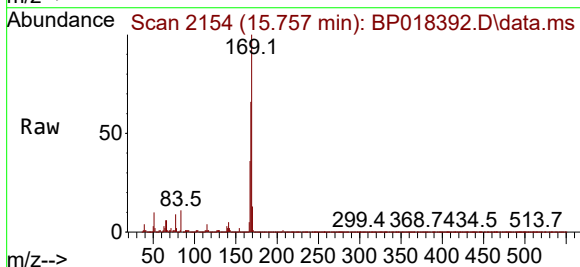
Instrument :
BNA_P
ClientSampleId :

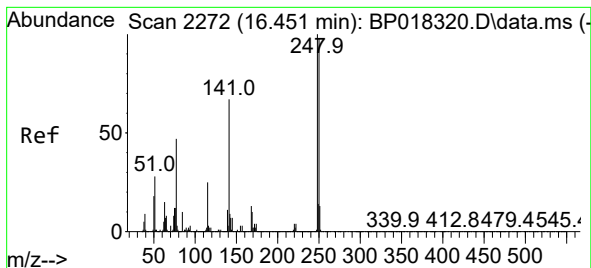
Tgt Ion:198 Resp: 253445
Ion Ratio Lower Upper
198 100
182 4.6 3.0 4.4#
77 22.0 17.3 25.9



#67
N-Nitrosodiphenylamine
Concen: 20.796 ng/ul
RT: 15.757 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BP018392.D
Acq: 26 Nov 2023 05:27

Tgt Ion:169 Resp: 1604340
Ion Ratio Lower Upper
169 100
168 65.8 53.1 79.7
167 36.0 28.8 43.2

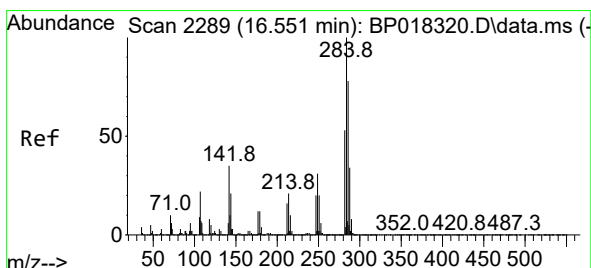
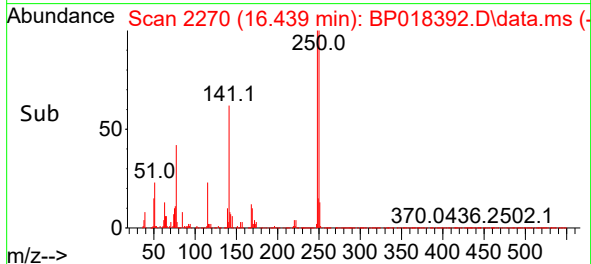
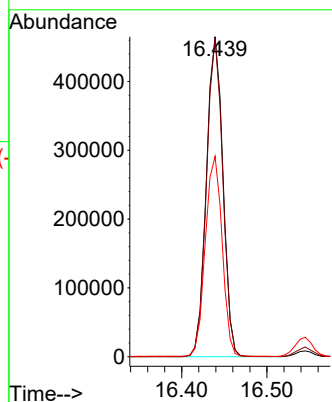
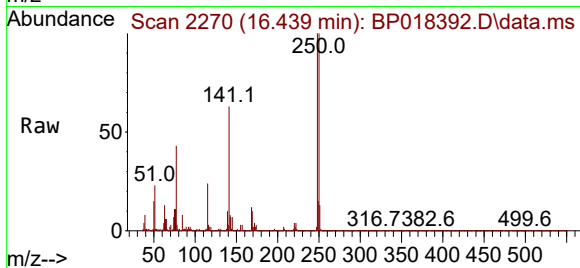




#68
4-Bromophenyl-phenylether
Concen: 21.860 ng/ul
RT: 16.439 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP018392.D
Acq: 26 Nov 2023 05:27

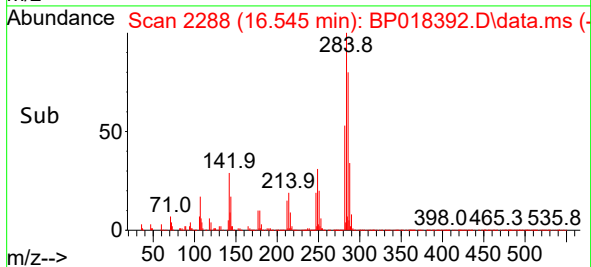
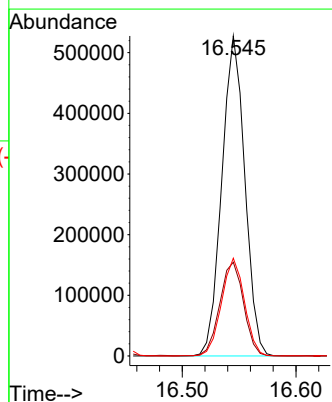
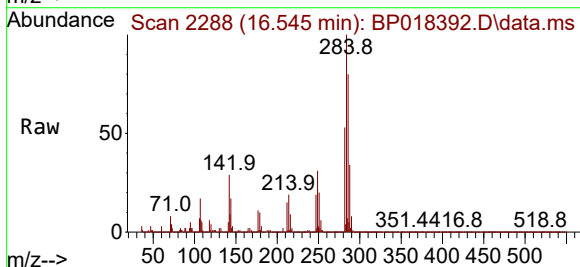
Instrument :
BNA_P
ClientSampleId :

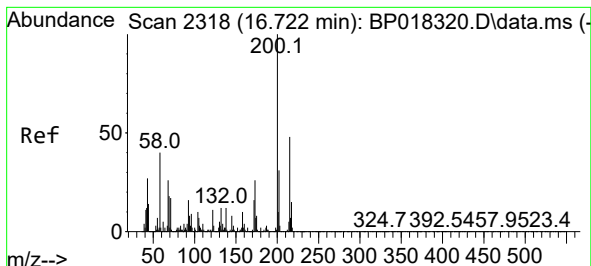
Tgt Ion:248 Resp: 627884
Ion Ratio Lower Upper
248 100
250 99.6 77.4 116.2
141 62.6 56.0 84.0



#69
Hexachlorobenzene
Concen: 23.099 ng/ul
RT: 16.545 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BP018392.D
Acq: 26 Nov 2023 05:27

Tgt Ion:284 Resp: 741736
Ion Ratio Lower Upper
284 100
142 29.3 28.9 43.3
249 30.5 26.0 39.0





#70

Atrazine

Concen: 22.327 ng/ul

RT: 16.716 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP018392.D

Acq: 26 Nov 2023 05:27

Instrument :

BNA_P

ClientSampleId :

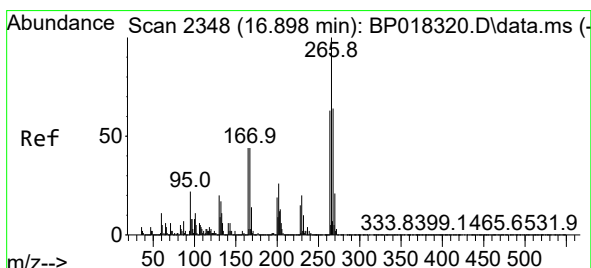
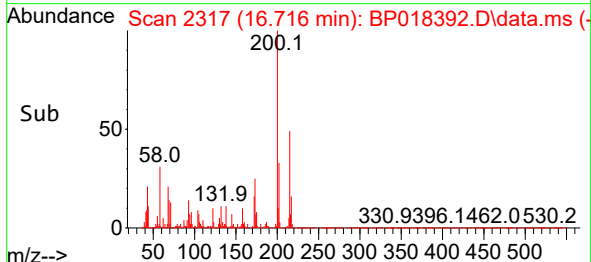
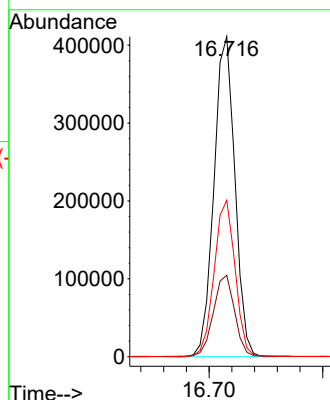
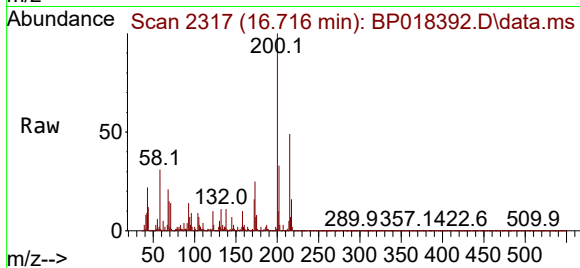
Tgt Ion:200 Resp: 525849

Ion Ratio Lower Upper

200 100

173 25.4 21.1 31.7

215 48.9 38.3 57.5



#71

Pentachlorophenol

Concen: 21.744 ng/ul

RT: 16.892 min Scan# 2347

Delta R.T. -0.000 min

Lab File: BP018392.D

Acq: 26 Nov 2023 05:27

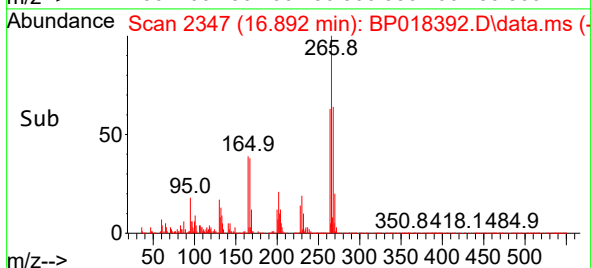
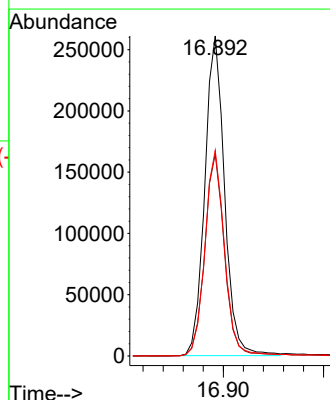
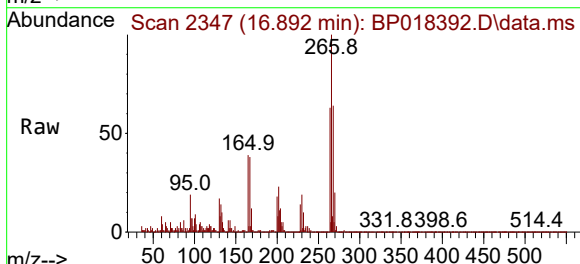
Tgt Ion:266 Resp: 358769

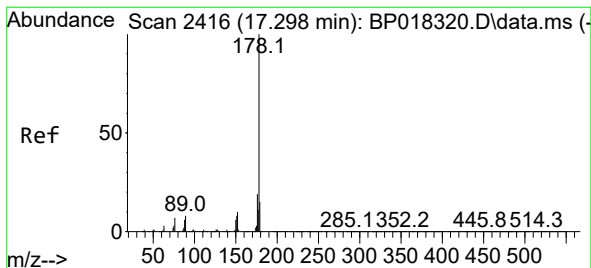
Ion Ratio Lower Upper

266 100

264 63.1 50.1 75.1

268 64.3 50.1 75.1





#72

Phenanthrene

Concen: 20.563 ng/ul

RT: 17.286 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP018392.D

Acq: 26 Nov 2023 05:27

Instrument :

BNA_P

ClientSampleId :

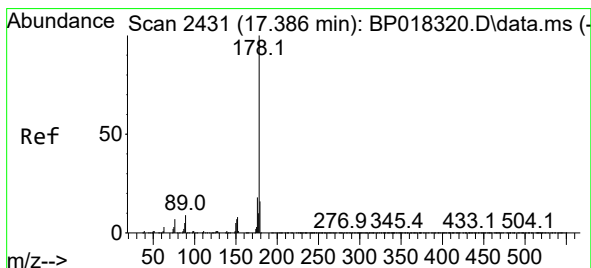
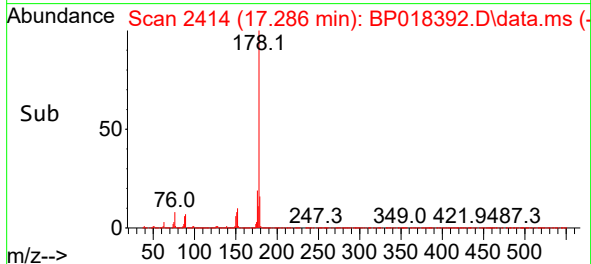
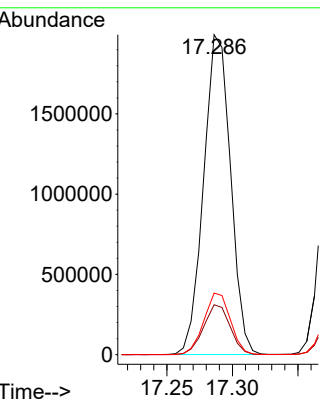
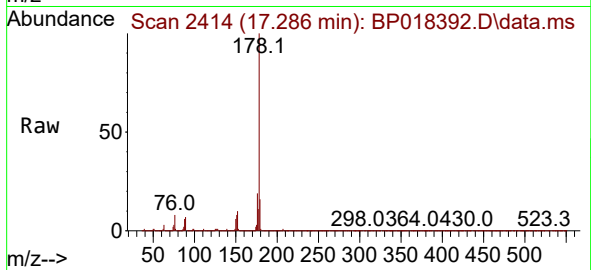
Tgt Ion:178 Resp: 2845518

Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

176 19.2 15.1 22.7



#74

Anthracene

Concen: 19.824 ng/ul

RT: 17.380 min Scan# 2430

Delta R.T. -0.006 min

Lab File: BP018392.D

Acq: 26 Nov 2023 05:27

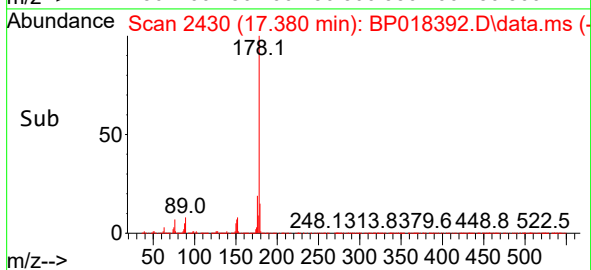
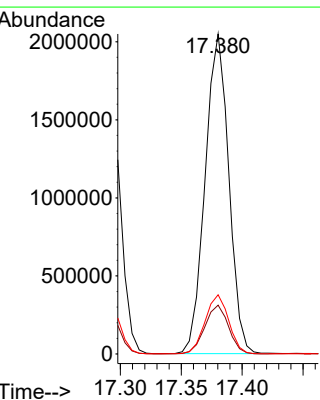
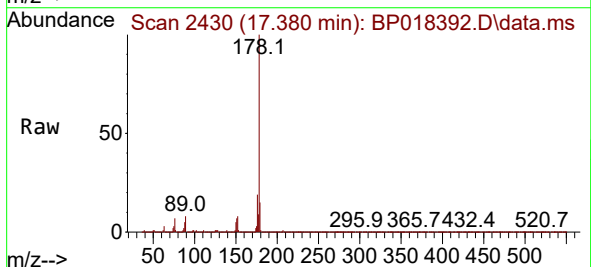
Tgt Ion:178 Resp: 2769046

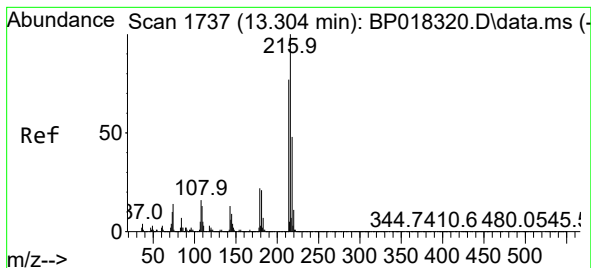
Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

176 18.5 15.2 22.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 23.787 ng/uL

RT: 13.292 min Scan# 1735

Delta R.T. -0.006 min

Lab File: BP018392.D

Acq: 26 Nov 2023 05:27

Instrument :

BNA_P

ClientSampleId :

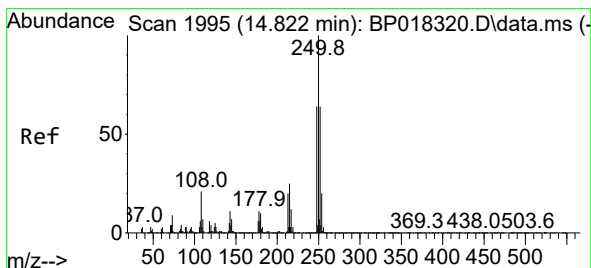
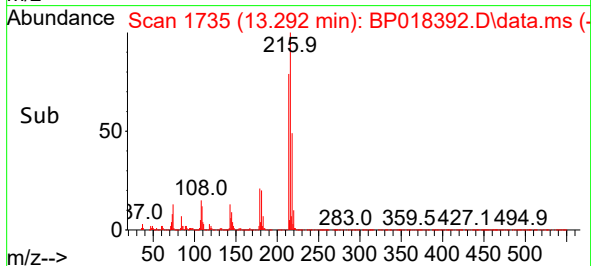
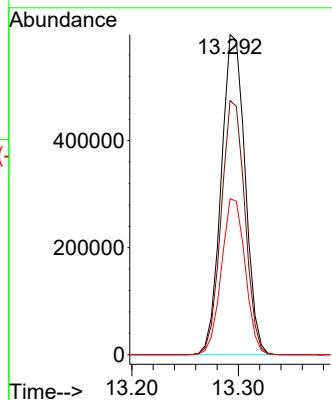
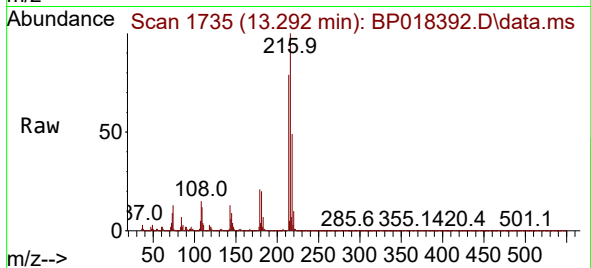
Tgt Ion:216 Resp: 930206

Ion Ratio Lower Upper

216 100

214 79.4 62.0 93.0

218 48.7 38.6 57.8



#76

Pentachlorobenzene

Concen: 23.228 ng/uL

RT: 14.810 min Scan# 1993

Delta R.T. -0.006 min

Lab File: BP018392.D

Acq: 26 Nov 2023 05:27

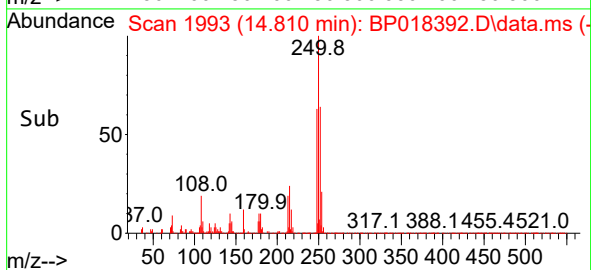
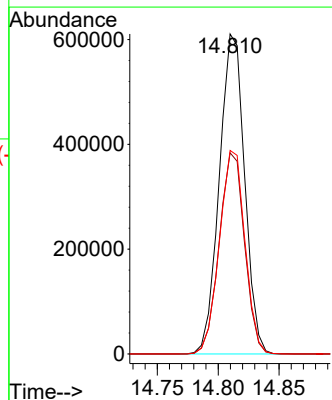
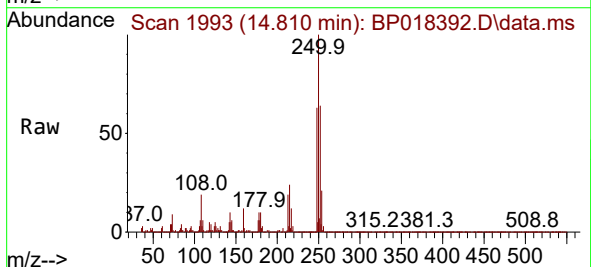
Tgt Ion:250 Resp: 882317

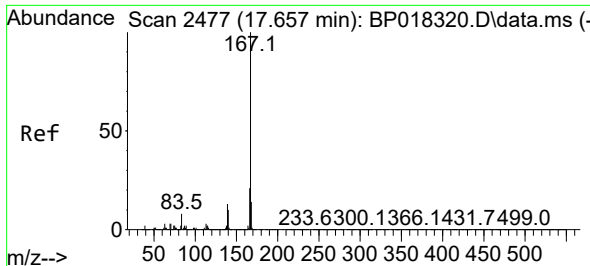
Ion Ratio Lower Upper

250 100

248 62.9 51.0 76.6

252 63.6 51.5 77.3

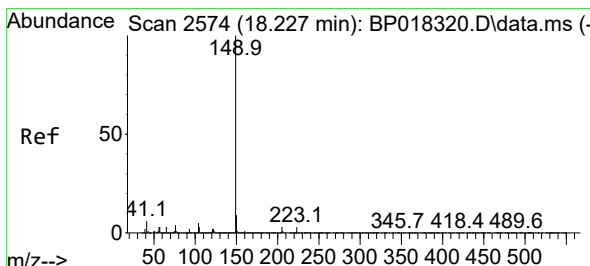
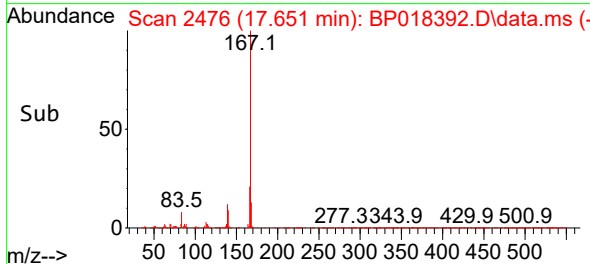
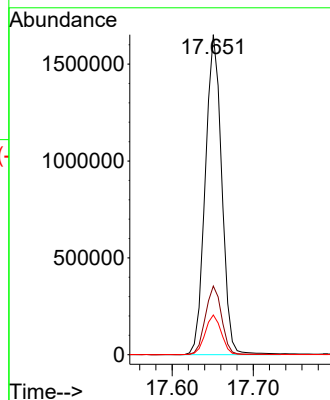
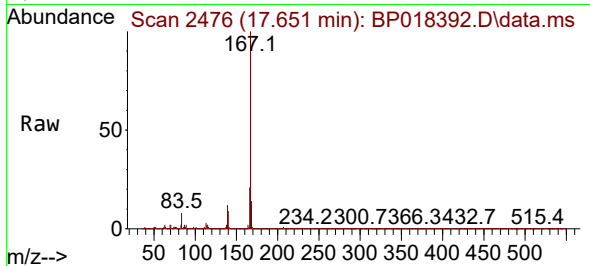




#77
 Carbazole
 Concen: 20.485 ng/ul
 RT: 17.651 min Scan# 2477
 Delta R.T. -0.000 min
 Lab File: BP018392.D
 Acq: 26 Nov 2023 05:27

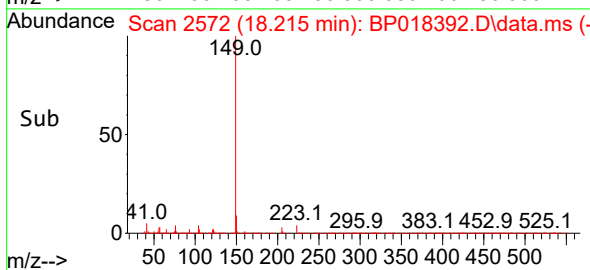
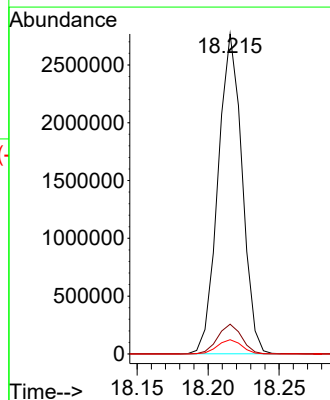
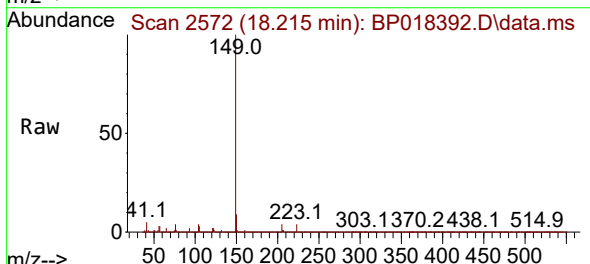
Instrument :
 BNA_P
 ClientSampleId :

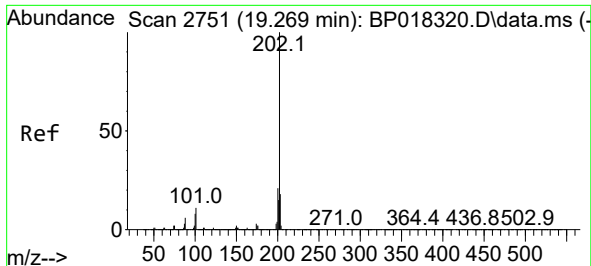
Tgt Ion:167 Resp: 2318155
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.5 26.3
 139 12.4 10.0 15.0



#78
 Di-n-butylphthalate
 Concen: 20.663 ng/ul
 RT: 18.215 min Scan# 2572
 Delta R.T. -0.006 min
 Lab File: BP018392.D
 Acq: 26 Nov 2023 05:27

Tgt Ion:149 Resp: 3252358
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.5 3.8 5.6

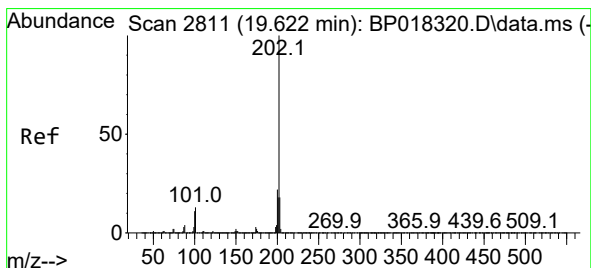
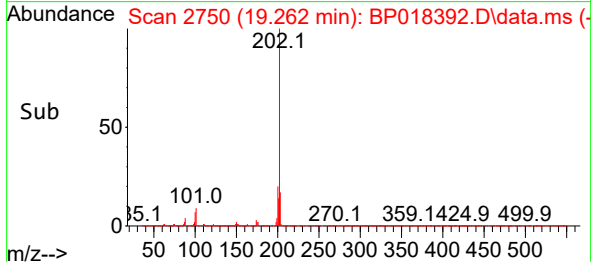
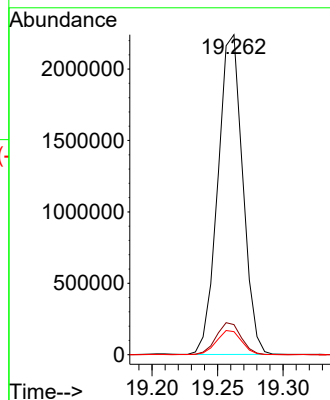
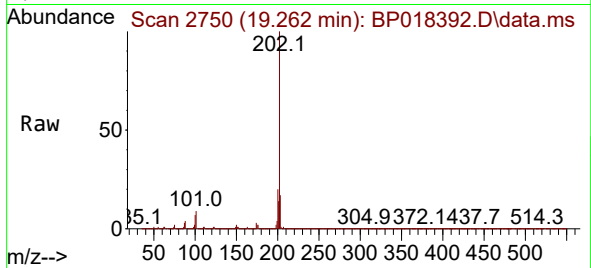




#80
Fluoranthene
Concen: 20.571 ng/ul
RT: 19.262 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP018392.D
Acq: 26 Nov 2023 05:27

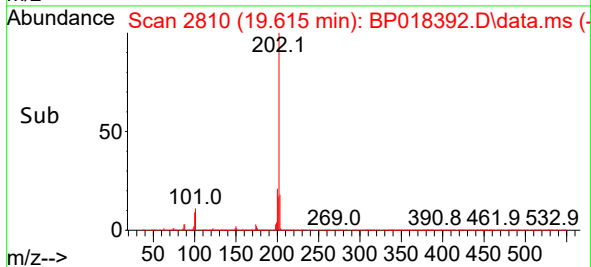
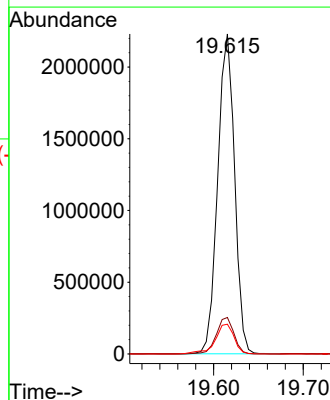
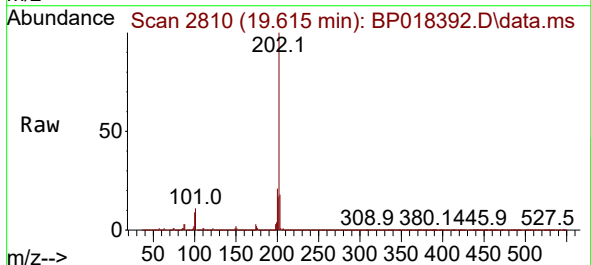
Instrument :
BNA_P
ClientSampleId :

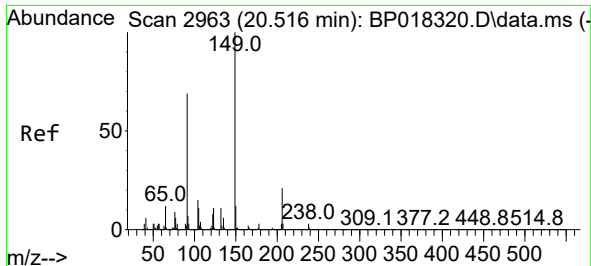
Tgt Ion:202 Resp: 2946950
Ion Ratio Lower Upper
202 100
101 9.4 8.6 13.0
100 7.2 6.7 10.1



#82
Pyrene
Concen: 20.190 ng/ul
RT: 19.615 min Scan# 2810
Delta R.T. -0.000 min
Lab File: BP018392.D
Acq: 26 Nov 2023 05:27

Tgt Ion:202 Resp: 2912426
Ion Ratio Lower Upper
202 100
101 11.4 10.2 15.4
100 9.3 8.4 12.6

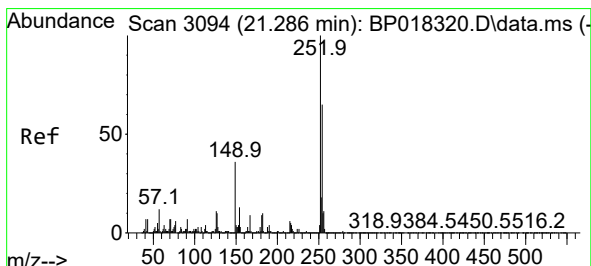
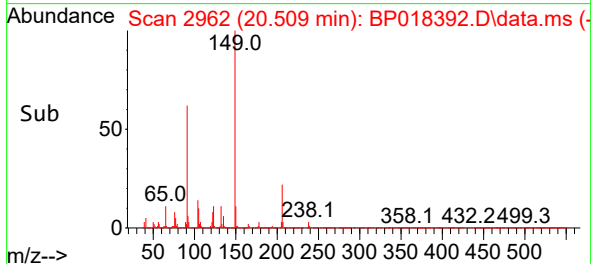
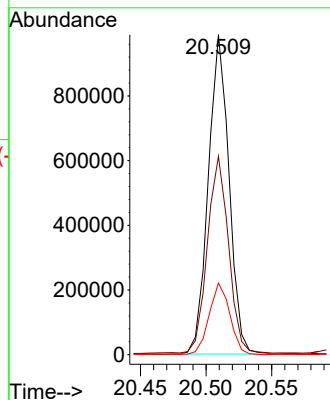
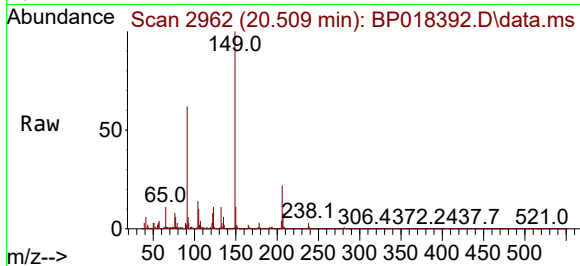




#83
 Butylbenzylphthalate
 Concen: 20.311 ng/ul
 RT: 20.509 min Scan# 2962
 Delta R.T. -0.000 min
 Lab File: BP018392.D
 Acq: 26 Nov 2023 05:27

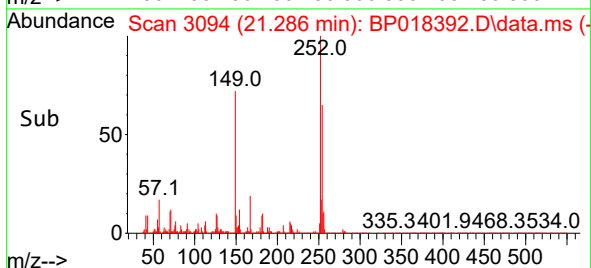
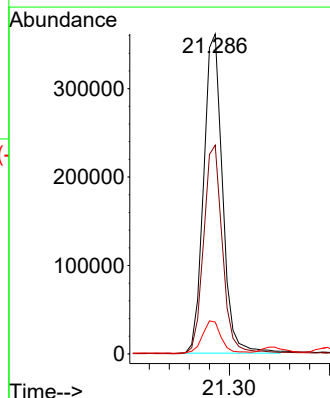
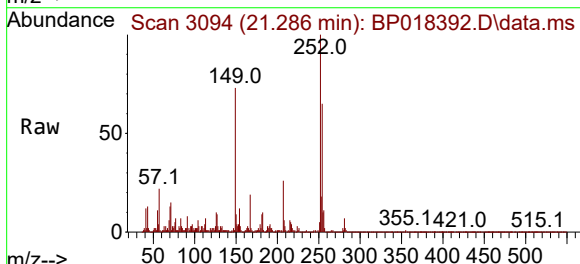
Instrument :
 BNA_P
 ClientSampleId :

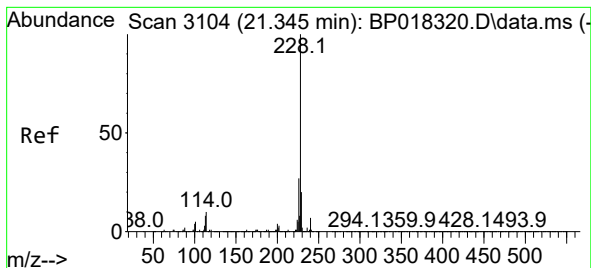
Tgt Ion:149 Resp: 1084293
 Ion Ratio Lower Upper
 149 100
 91 62.0 53.7 80.5
 206 22.4 16.4 24.6



#84
 3,3'-Dichlorobenzidine
 Concen: 12.993 ng/ul
 RT: 21.286 min Scan# 3094
 Delta R.T. 0.011 min
 Lab File: BP018392.D
 Acq: 26 Nov 2023 05:27

Tgt Ion:252 Resp: 473502
 Ion Ratio Lower Upper
 252 100
 254 65.3 51.1 76.7
 126 10.0 8.6 12.8





#85

Benzo(a)anthracene

Concen: 20.873 ng/ul

RT: 21.345 min Scan# 3104

Delta R.T. 0.006 min

Lab File: BP018392.D

Acq: 26 Nov 2023 05:27

Instrument :

BNA_P

ClientSampleId :

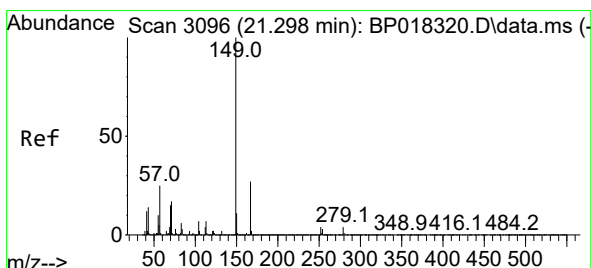
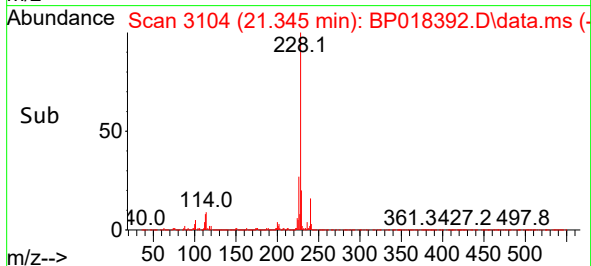
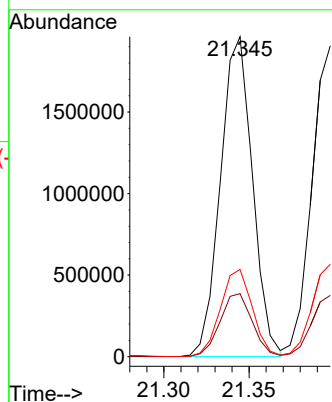
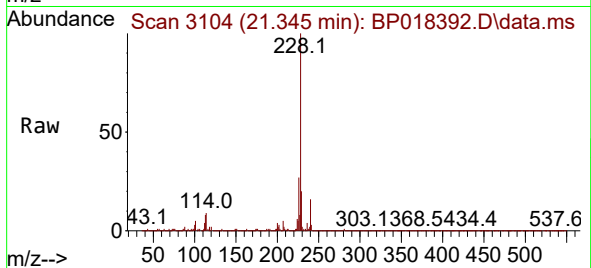
Tgt Ion:228 Resp: 2563056

Ion Ratio Lower Upper

228 100

229 19.7 16.2 24.2

226 27.3 22.2 33.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 19.502 ng/ul

RT: 21.298 min Scan# 3096

Delta R.T. 0.006 min

Lab File: BP018392.D

Acq: 26 Nov 2023 05:27

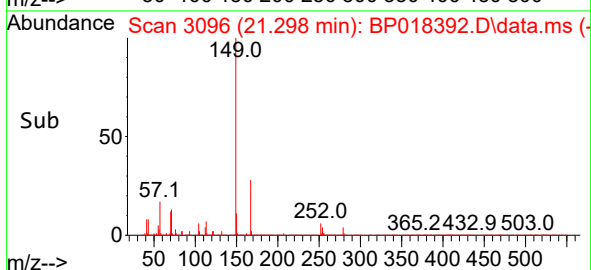
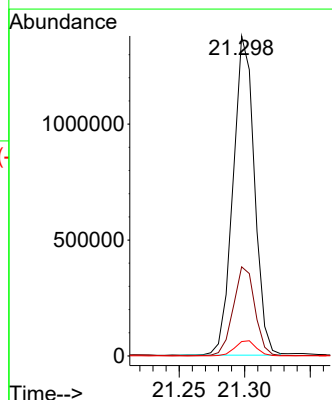
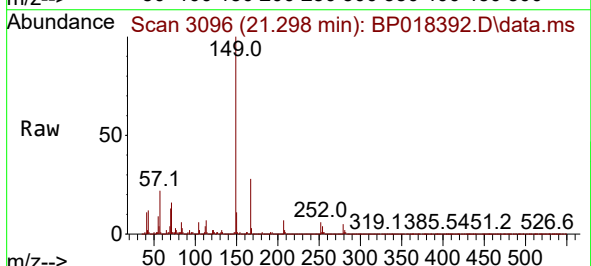
Tgt Ion:149 Resp: 1562016

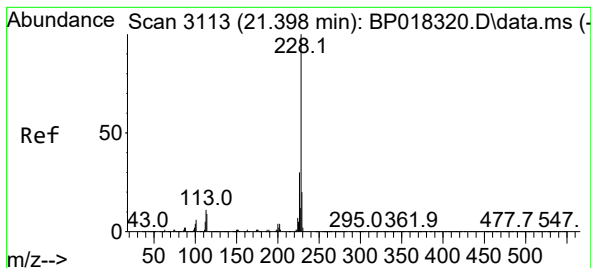
Ion Ratio Lower Upper

149 100

167 27.8 22.1 33.1

279 4.5 3.4 5.0





#87

Chrysene

Concen: 21.421 ng/ul

RT: 21.398 min Scan# 3113

Delta R.T. 0.006 min

Lab File: BP018392.D

Acq: 26 Nov 2023 05:27

Instrument :

BNA_P

ClientSampleId :

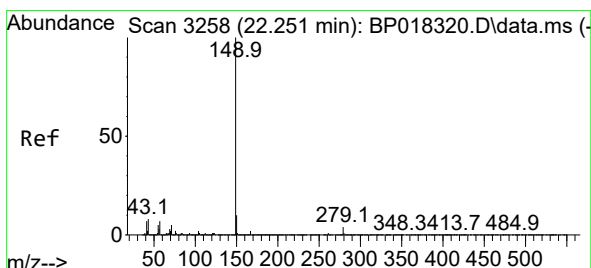
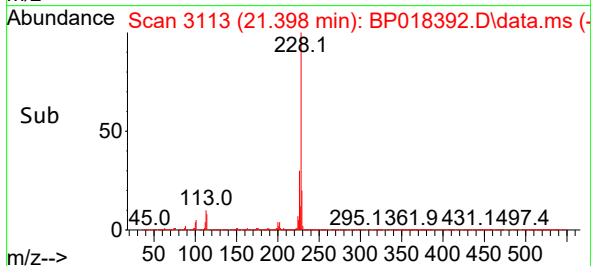
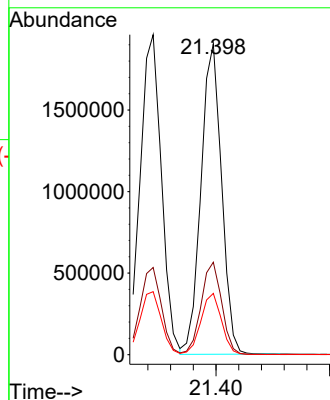
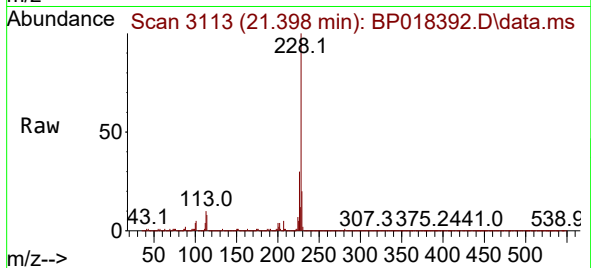
Tgt Ion:228 Resp: 2393586

Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.4

229 19.7 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 17.679 ng/ul

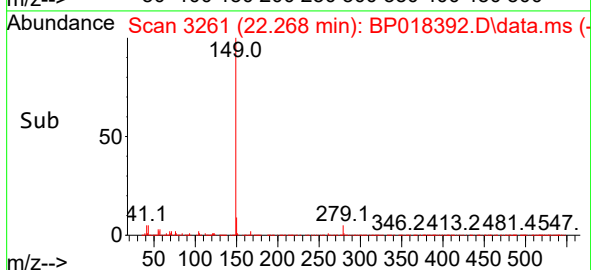
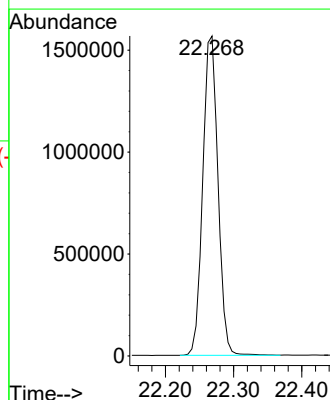
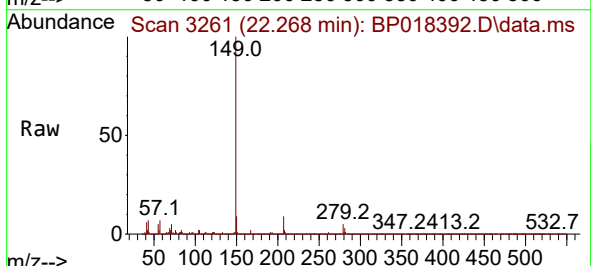
RT: 22.268 min Scan# 3261

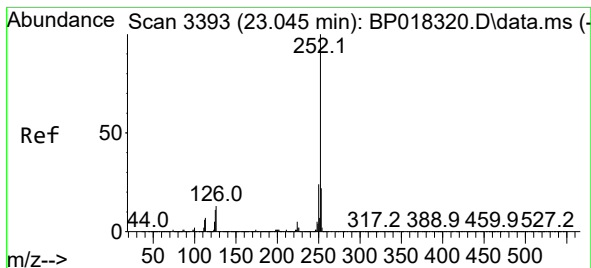
Delta R.T. 0.023 min

Lab File: BP018392.D

Acq: 26 Nov 2023 05:27

Tgt Ion:149 Resp: 2432153





#90

Benzo(b)fluoranthene

Concen: 20.233 ng/ul

RT: 23.056 min Scan# 31

Delta R.T. 0.017 min

Lab File: BP018392.D

Acq: 26 Nov 2023 05:27

Instrument :

BNA_P

ClientSampleId :

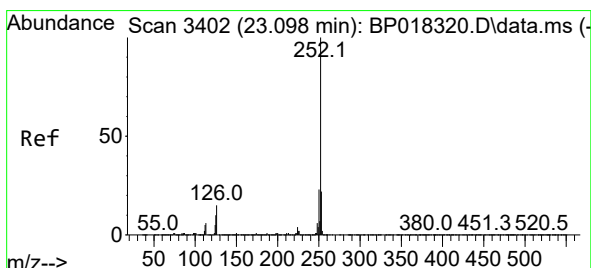
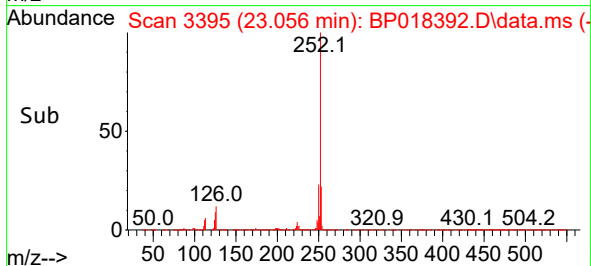
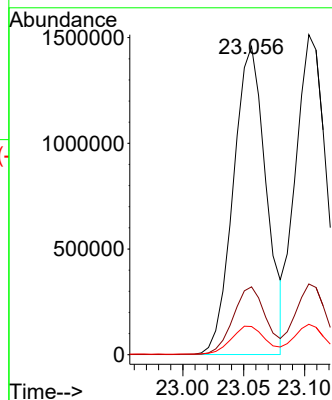
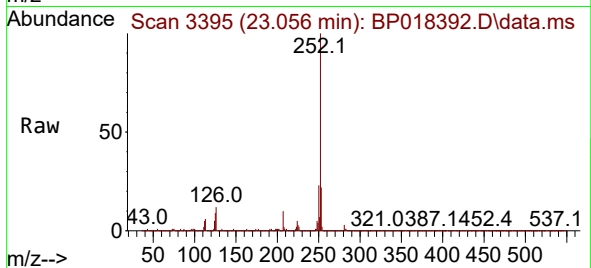
Tgt Ion:252 Resp: 2746164

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 9.1 8.4 12.6



#91

Benzo(k)fluoranthene

Concen: 19.879 ng/ul

RT: 23.103 min Scan# 3403

Delta R.T. 0.017 min

Lab File: BP018392.D

Acq: 26 Nov 2023 05:27

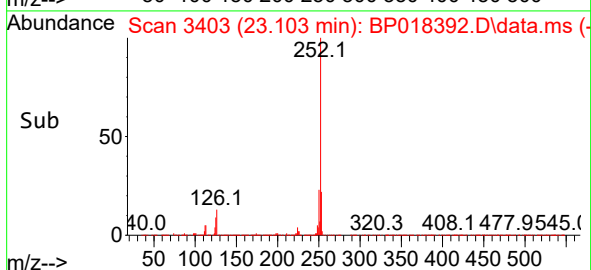
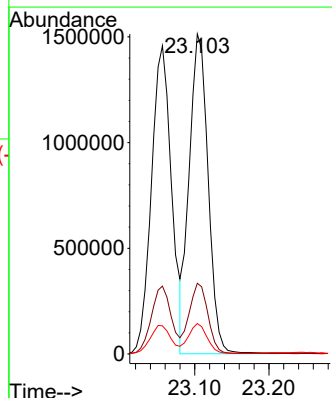
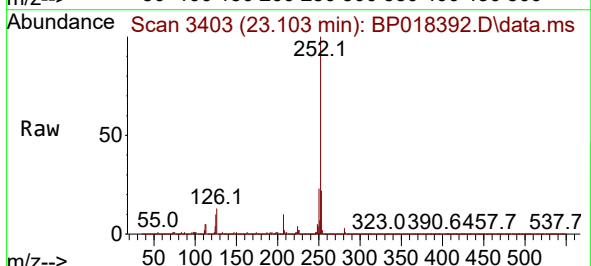
Tgt Ion:252 Resp: 2686075

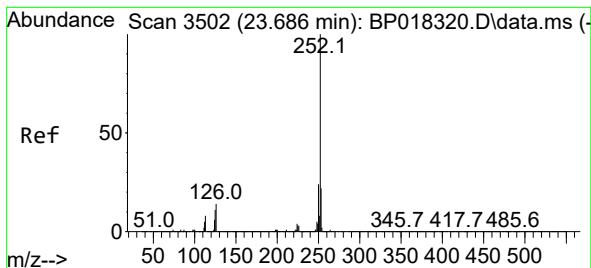
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.5 8.0 12.0





#93

Benzo(a)pyrene

Concen: 20.400 ng/ul

RT: 23.698 min Scan# 31

Delta R.T. 0.023 min

Lab File: BP018392.D

Acq: 26 Nov 2023 05:27

Instrument :

BNA_P

ClientSampleId :

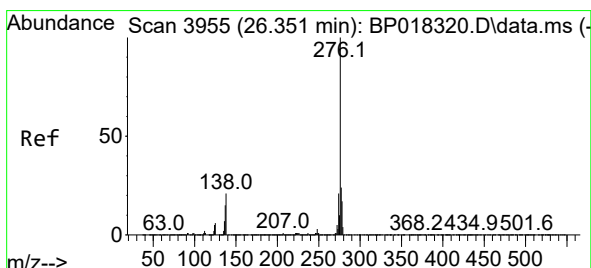
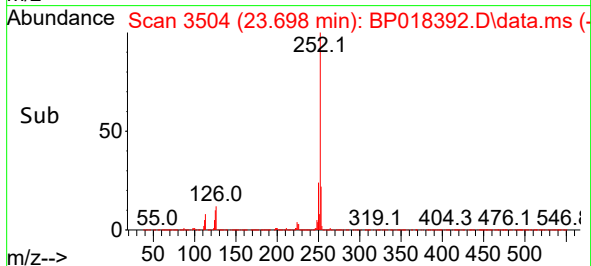
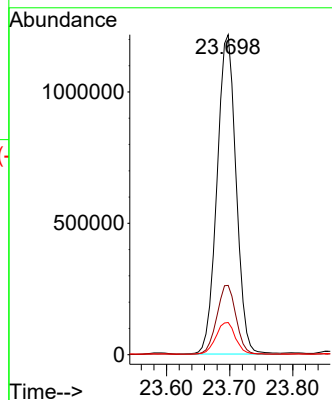
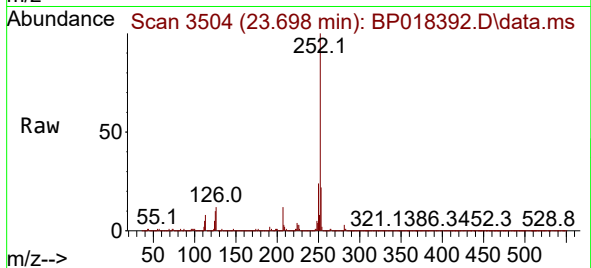
Tgt Ion:252 Resp: 2546324

Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 10.0 8.8 13.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 23.297 ng/ul

RT: 26.409 min Scan# 3965

Delta R.T. 0.064 min

Lab File: BP018392.D

Acq: 26 Nov 2023 05:27

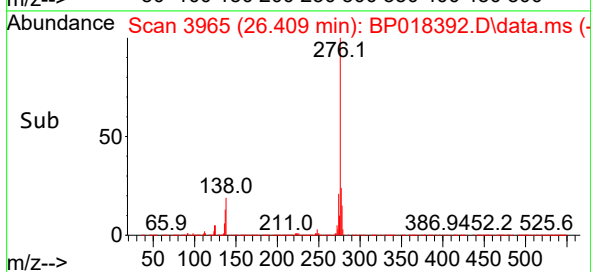
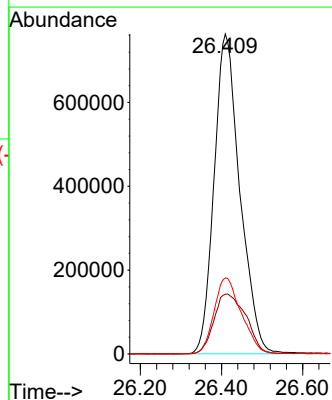
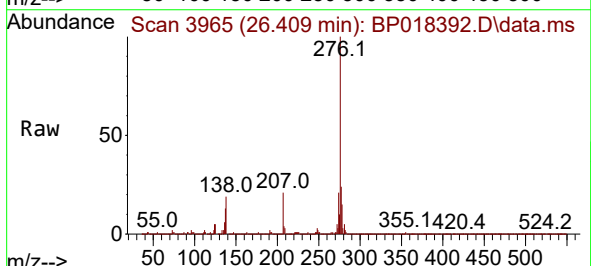
Tgt Ion:276 Resp: 3362443

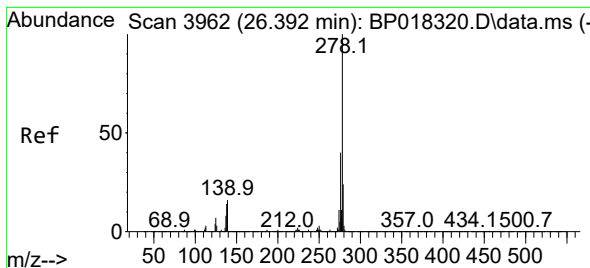
Ion Ratio Lower Upper

276 100

138 18.7 17.5 26.3

277 23.8 19.1 28.7





#95

Dibenzo(a,h)anthracene

Concen: 23.512 ng/ul

RT: 26.456 min Scan# 3962

Delta R.T. 0.076 min

Lab File: BP018392.D

Acq: 26 Nov 2023 05:27

Instrument :

BNA_P

ClientSampleId :

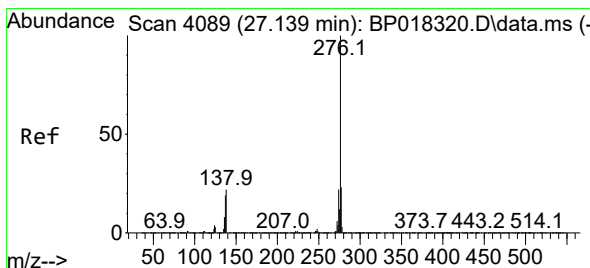
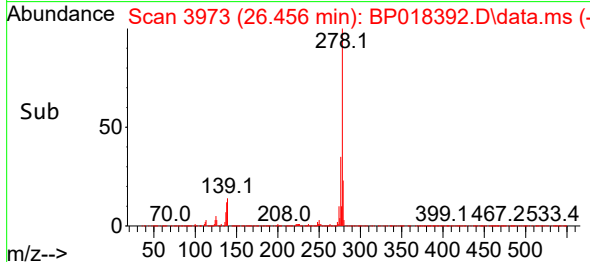
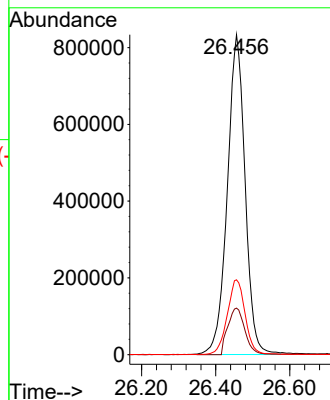
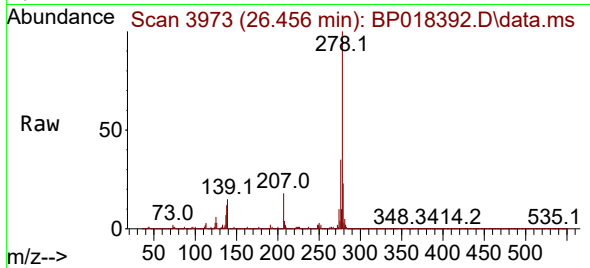
Tgt Ion:278 Resp: 2778168

Ion Ratio Lower Upper

278 100

139 14.5 13.3 19.9

279 23.4 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 21.910 ng/ul

RT: 27.209 min Scan# 4101

Delta R.T. 0.082 min

Lab File: BP018392.D

Acq: 26 Nov 2023 05:27

Tgt Ion:276 Resp: 2561078

Ion Ratio Lower Upper

276 100

138 19.9 17.7 26.5

277 23.5 18.6 28.0

