

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
 Data File : BP017120.D
 Acq On : 12 Sep 2023 16:56
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV616

Quant Time: Sep 12 23:29:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 12 23:27:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	192419	20.000	ng/u1	0.00
20) Naphthalene-d8	10.781	136	831350	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.616	164	529914	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	1215706	20.000	ng/u1	0.00
79) Chrysene-d12	21.492	240	1169218	20.000	ng/u1	0.00
88) Perylene-d12	24.021	264	1237273	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	38406	8.388	ng/uL	0.00
4) Pyridine-d5	3.746	84	265682	20.283	ng/u1	0.00
7) Phenol-d5	7.099	99	305159	19.504	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	196171	20.060	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	252199	20.205	ng/u1	0.00
15) 4-Methylphenol-d8	8.663	113	254606	19.635	ng/u1	0.00
21) Nitrobenzene-d5	9.152	128	120628	20.722	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	130596	21.014	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.393	165	254910	21.209	ng/u1	0.00
31) 4-Chloroaniline-d4	10.940	131	375037	20.702	ng/u1	0.00
46) Dimethylphthalate-d6	14.028	166	806396	21.384	ng/u1	0.00
49) Acenaphthylene-d8	14.316	160	923387	21.580	ng/u1	0.00
54) 4-Nitrophenol-d4	14.834	143	145154	19.916	ng/u1	0.00
60) Fluorene-d10	15.616	176	695045	21.317	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	129377	19.048	ng/u1	0.00
73) Anthracene-d10	17.492	188	1087439	21.053	ng/u1	0.00
81) Pyrene-d10	19.727	212	1310991	21.380	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.851	264	1250863	21.420	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.346	88	41583	8.445	ng/uL	92
5) Pyridine	3.764	79	276772	20.399	ng/u1	98
6) Benzaldehyde	7.110	77	199980	22.958	ng/u1	99
8) Phenol	7.128	94	322234	19.527	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.387	93	266829	20.273	ng/u1	98
12) 2-Chlorophenol	7.505	128	262879	20.749	ng/u1	96
13) 2-Methylphenol	8.393	108	241653	19.644	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.463	45	209401	11.740	ng/u1	99
16) Acetophenone	8.805	105	415880	20.491	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.769	70	211984	20.325	ng/u1	98
18) 4-Methylphenol	8.728	108	268232	19.708	ng/u1	97
19) Hexachloroethane	9.016	117	104147	19.988	ng/u1	96
22) Nitrobenzene	9.193	77	312720	20.628	ng/u1	98
23) Isophorone	9.704	82	582981	20.521	ng/u1	100
25) 2-Nitrophenol	9.899	139	145482	21.062	ng/u1	98
26) 2,4-Dimethylphenol	9.934	107	289984	20.600	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.193	93	368849	20.715	ng/u1	100
29) 2,4-Dichlorophenol	10.416	162	256978	21.122	ng/u1	98
30) Naphthalene	10.828	128	870857	20.701	ng/u1	99
32) 4-Chloroaniline	10.963	127	371088	20.991	ng/u1	98
33) Hexachlorobutadiene	11.057	225	174371	21.107	ng/u1	99
34) Caprolactam	11.787	113	80481	21.045	ng/u1	91
35) 4-Chloro-3-methylphenol	12.069	107	270884	20.578	ng/u1	98
36) 2-Methylnaphthalene	12.440	142	597410	21.046	ng/u1	99

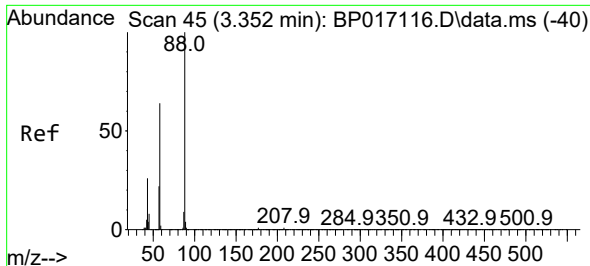
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.657	142	609540	21.213	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.787	216	338788	21.465	ng/ul	99
40) Hexachlorocyclopentadiene	12.734	237	180902	18.396	ng/ul	96
41) 2,4,6-Trichlorophenol	13.040	196	209477	20.893	ng/ul	99
42) 2,4,5-Trichlorophenol	13.110	196	226072	21.209	ng/ul	99
43) 1,1'-Biphenyl	13.451	154	803564	21.147	ng/ul	98
44) 2-Chloronaphthalene	13.498	162	640728	21.233	ng/ul	99
45) 2-Nitroaniline	13.734	65	169127	20.692	ng/ul	95
47) Dimethylphthalate	14.081	163	823904	21.523	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	148383	21.202	ng/ul	95
50) Acenaphthylene	14.345	152	1054089	21.324	ng/ul	100
51) 3-Nitroaniline	14.563	138	153612	20.517	ng/ul	97
52) Acenaphthene	14.681	153	690705	21.116	ng/ul	100
53) 2,4-Dinitrophenol	14.763	184	77906	15.893	ng/ul	95
55) 4-Nitrophenol	14.851	109	115374	19.779	ng/ul	95
56) Dibenzofuran	15.016	168	962920	21.302	ng/ul	100
57) 2,4-Dinitrotoluene	15.004	165	224116	21.506	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.234	232	202512	21.656	ng/ul	97
59) Diethylphthalate	15.434	149	809398	21.415	ng/ul	99
61) Fluorene	15.669	166	804310	21.521	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.663	204	411041	21.633	ng/ul	99
63) 4-Nitroaniline	15.734	138	150657	21.645	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.757	198	143145	19.638	ng/ul	99
67) N-Nitrosodiphenylamine	15.886	169	666226	21.076	ng/ul	99
68) 4-Bromophenyl-phenylether	16.569	248	246642	21.284	ng/ul	93
69) Hexachlorobenzene	16.645	284	288579	21.039	ng/ul	99
70) Atrazine	16.845	200	248032	21.677	ng/ul	99
71) Pentachlorophenol	17.016	266	168697	18.925	ng/ul	99
72) Phenanthrene	17.433	178	1283748	21.013	ng/ul	99
74) Anthracene	17.528	178	1312478	21.211	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.398	216	357589	21.274	ng/uL	98
76) Pentachlorobenzene	14.910	250	323107	21.184	ng/uL	99
77) Carbazole	17.810	167	1160322	21.356	ng/ul	100
78) Di-n-butylphthalate	18.322	149	1323384	21.375	ng/ul	100
80) Fluoranthene	19.398	202	1543424	21.534	ng/ul	99
82) Pyrene	19.757	202	1630185	21.526	ng/ul	100
83) Butylbenzylphthalate	20.616	149	586699	21.722	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.416	252	503261	20.995	ng/ul	98
85) Benzo(a)anthracene	21.474	228	1623881	21.212	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.351	149	819046	21.602	ng/ul	100
87) Chrysene	21.527	228	1518292	21.320	ng/ul	99
89) Di-n-octyl phthalate	22.321	149	1379507	20.108	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	1504568	20.630	ng/ul	100
91) Benzo(k)fluoranthene	23.286	252	1560773	21.527	ng/ul	100
93) Benzo(a)pyrene	23.904	252	1432127	21.166	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.704	276	1602334	21.386	ng/ul	100
95) Dibenzo(a,h)anthracene	26.727	278	1344672	21.365	ng/ul	100
96) Benzo(g,h,i)perylene	27.533	276	1243760	21.468	ng/ul	98

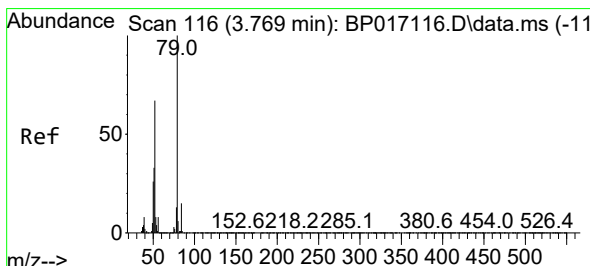
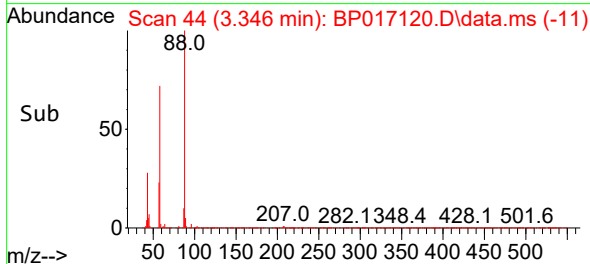
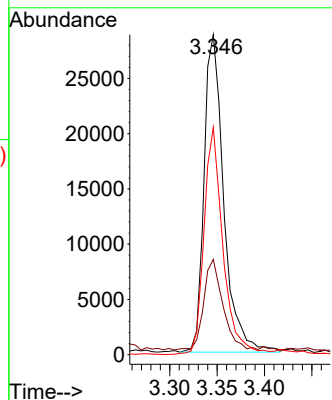
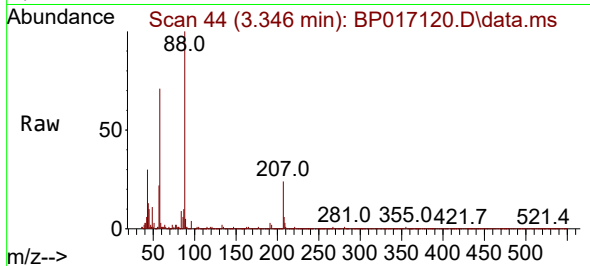
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#2
1,4-Dioxane
Concen: 8.445 ng/uL
RT: 3.346 min Scan# 41
Delta R.T. -0.006 min
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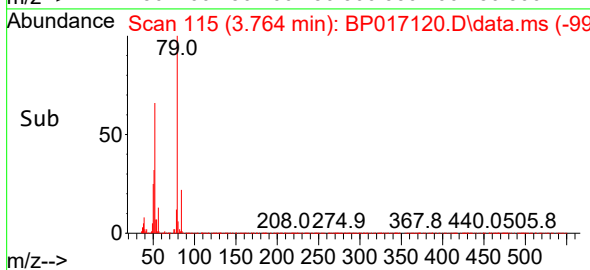
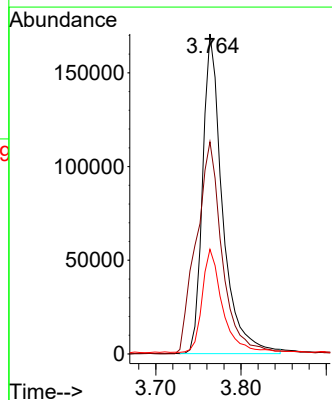
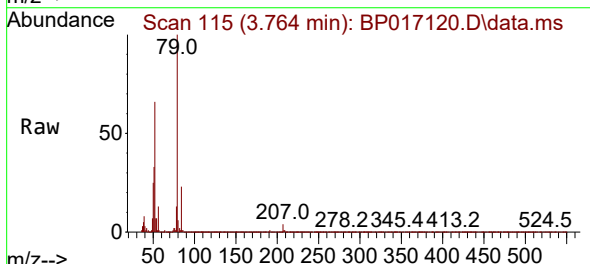
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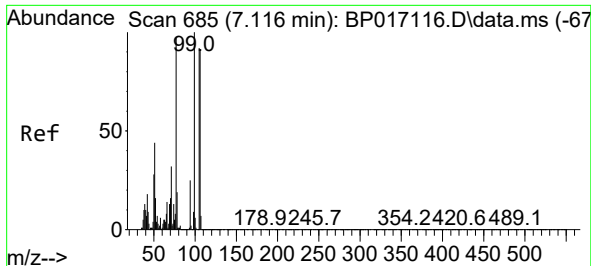
Tgt Ion: 88 Resp: 41583
Ion Ratio Lower Upper
88 100
43 29.8 21.9 32.9
58 71.0 50.8 76.2



#5
Pyridine
Concen: 20.399 ng/uL
RT: 3.764 min Scan# 115
Delta R.T. -0.006 min
Lab File: BP017120.D
Acq: 12 Sep 2023 16:56

Tgt Ion: 79 Resp: 276772
Ion Ratio Lower Upper
79 100
52 66.3 54.5 81.7
51 32.7 27.0 40.6

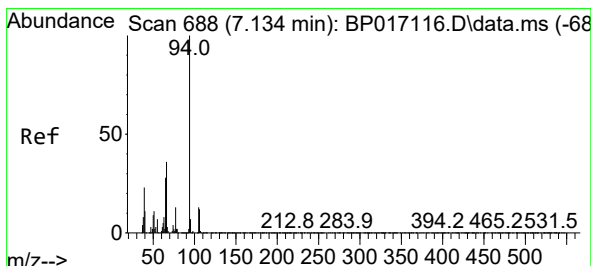
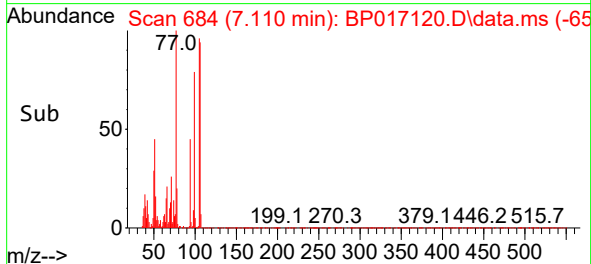
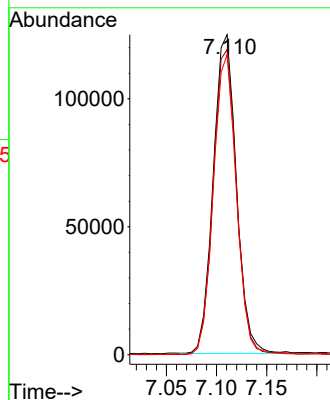
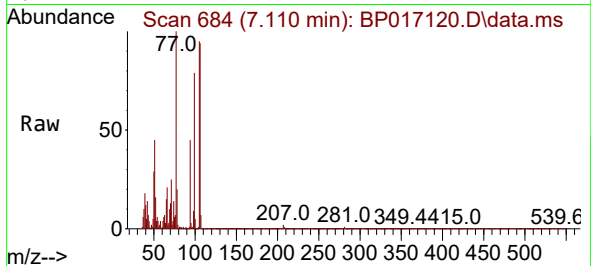




#6
Benzaldehyde
Concen: 22.958 ng/ul
RT: 7.110 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP017120.D
Acq: 12 Sep 2023 16:56

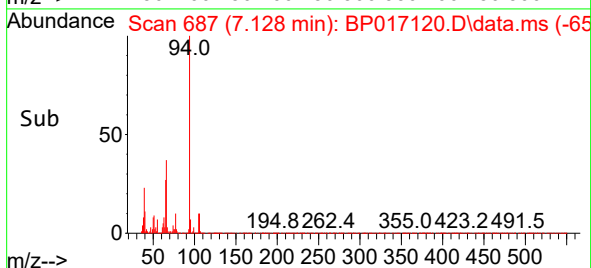
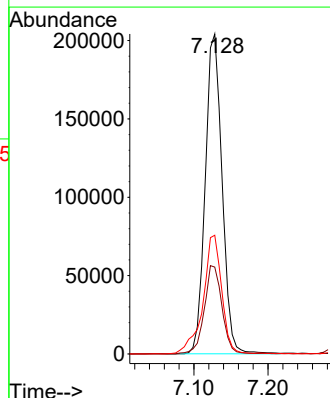
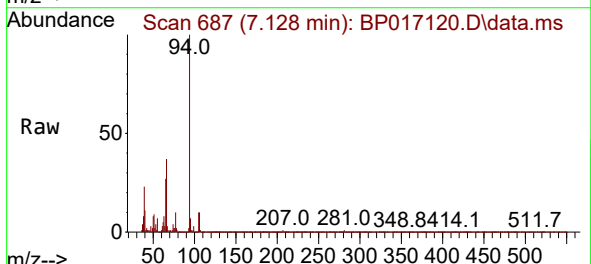
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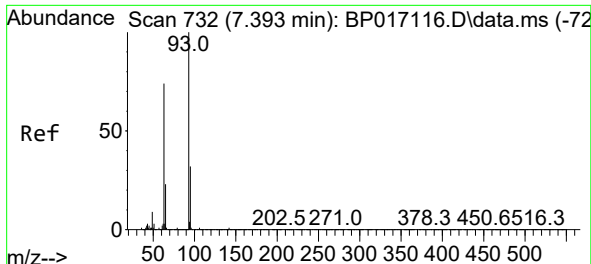
Tgt Ion: 77 Resp: 199980
Ion Ratio Lower Upper
77 100
105 95.4 75.3 112.9
106 93.7 74.6 111.8



#8
Phenol
Concen: 19.527 ng/ul
RT: 7.128 min Scan# 687
Delta R.T. -0.006 min
Lab File: BP017120.D
Acq: 12 Sep 2023 16:56

Tgt Ion: 94 Resp: 322234
Ion Ratio Lower Upper
94 100
65 27.1 22.7 34.1
66 37.1 29.6 44.4

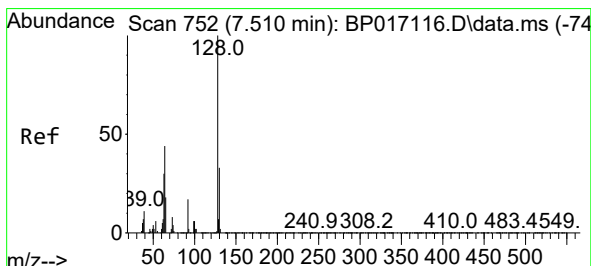
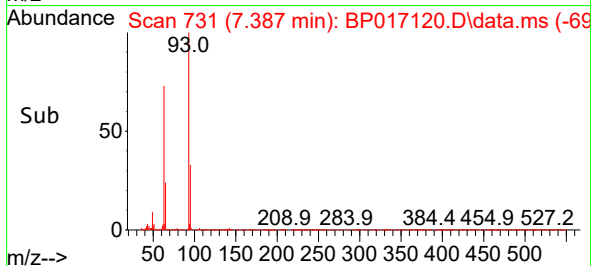
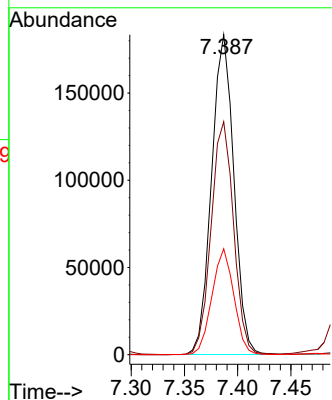
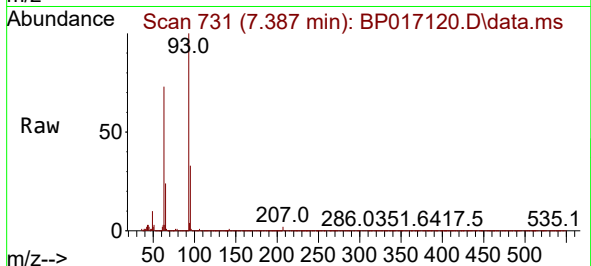




#10
Bis(2-Chloroethyl)ether
Concen: 20.273 ng/ul
RT: 7.387 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP017120.D
Acq: 12 Sep 2023 16:56

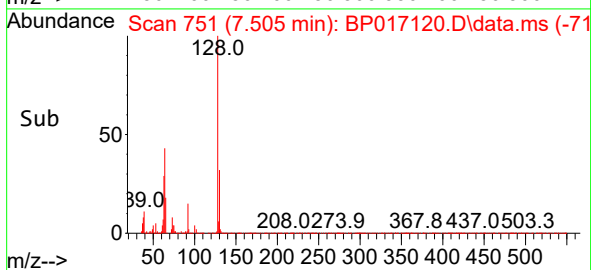
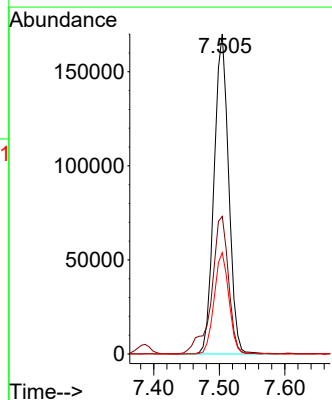
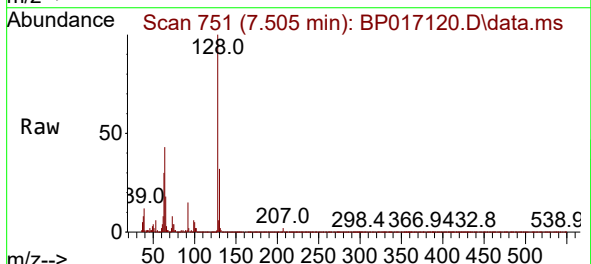
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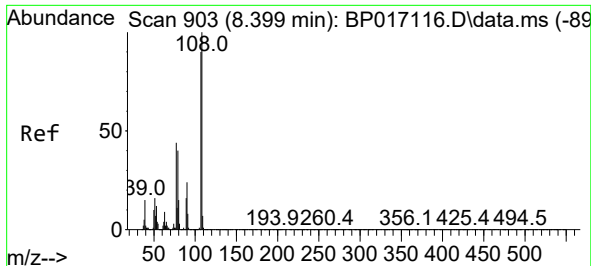
Tgt Ion: 93 Resp: 266829
Ion Ratio Lower Upper
93 100
63 72.8 59.5 89.3
95 33.1 25.8 38.6



#12
2-Chlorophenol
Concen: 20.749 ng/ul
RT: 7.505 min Scan# 751
Delta R.T. -0.006 min
Lab File: BP017120.D
Acq: 12 Sep 2023 16:56

Tgt Ion:128 Resp: 262879
Ion Ratio Lower Upper
128 100
64 43.0 36.8 55.2
130 31.7 26.3 39.5

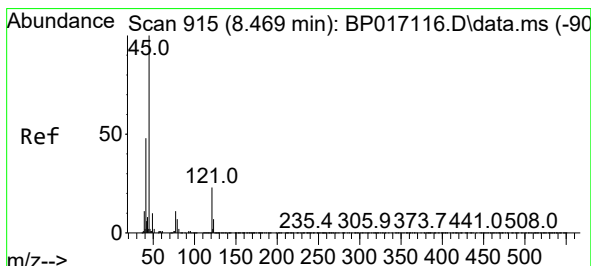
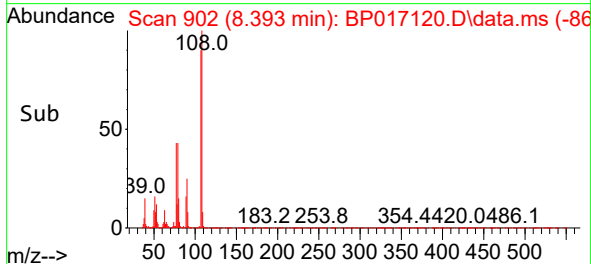
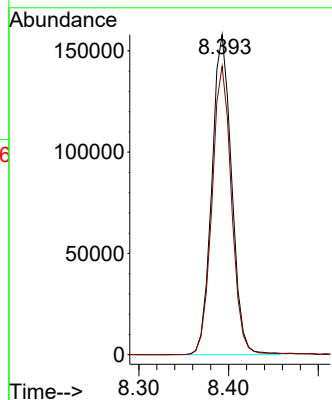
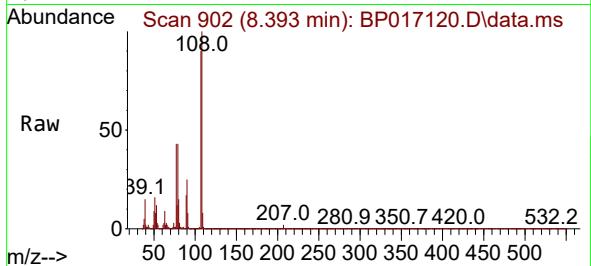




#13
2-Methylphenol
Concen: 19.644 ng/ul
RT: 8.393 min Scan# 903
Delta R.T. -0.006 min
Lab File: BP017120.D
Acq: 12 Sep 2023 16:56

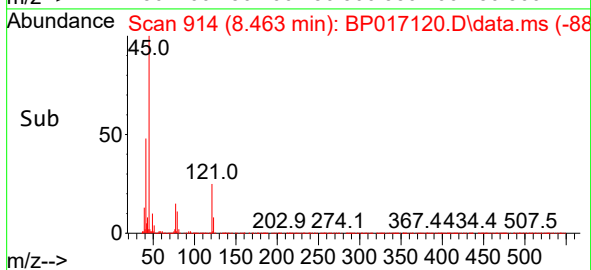
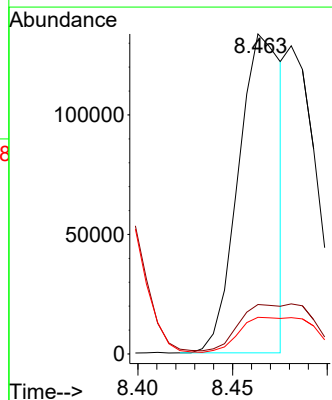
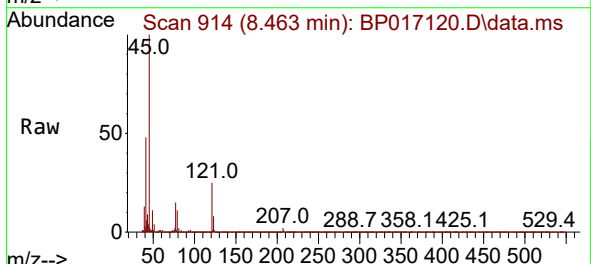
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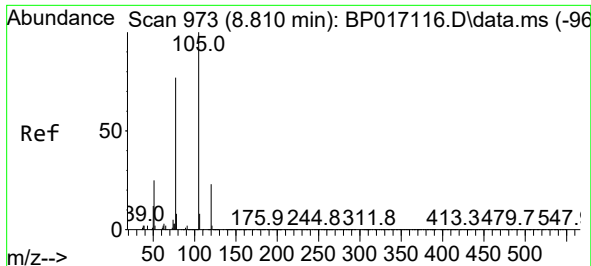
Tgt Ion:108 Resp: 241653
Ion Ratio Lower Upper
108 100
107 90.1 72.2 108.4



#14
2,2'-oxybis(1-Chloropropane)
Concen: 11.740 ng/ul
RT: 8.463 min Scan# 914
Delta R.T. -0.006 min
Lab File: BP017120.D
Acq: 12 Sep 2023 16:56

Tgt Ion: 45 Resp: 209401
Ion Ratio Lower Upper
45 100
77 15.5 12.5 18.7
79 11.5 8.8 13.2

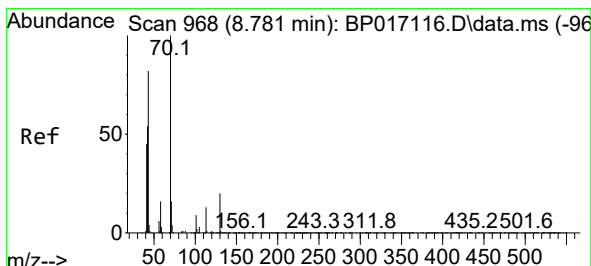
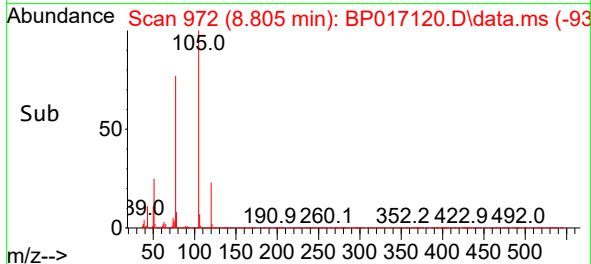
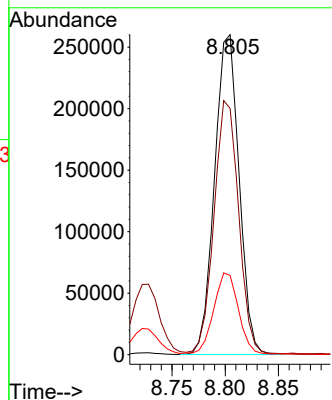
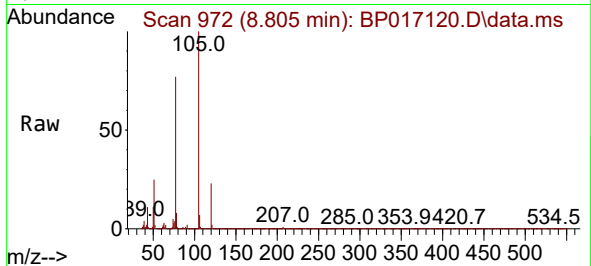




#16
Acetophenone
Concen: 20.491 ng/ul
RT: 8.805 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP017120.D
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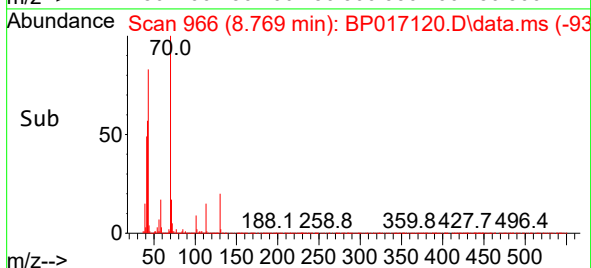
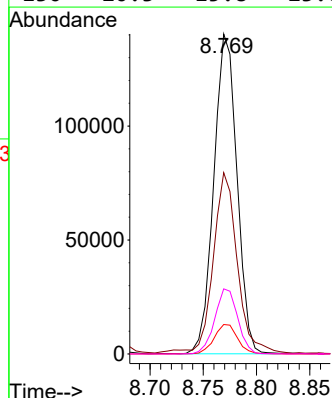
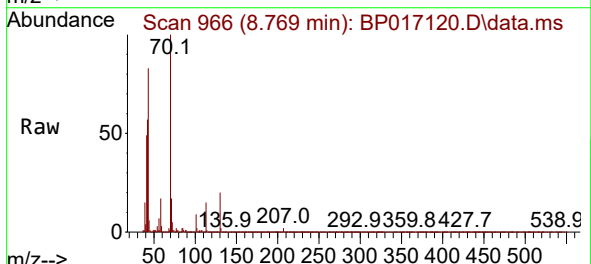
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ClientSampleId :
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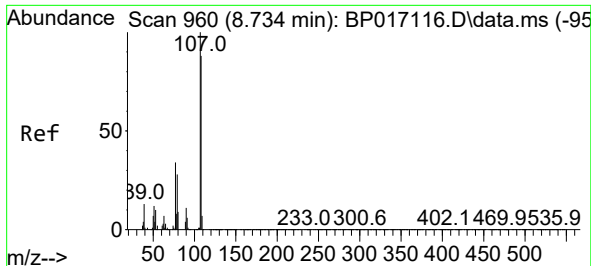
Tgt Ion:105 Resp: 415880
Ion Ratio Lower Upper
105 100
77 76.9 63.0 94.4
51 24.8 20.5 30.7



#17
N-Nitroso-di-n-propylamine
Concen: 20.325 ng/ul
RT: 8.769 min Scan# 966
Delta R.T. -0.012 min
Lab File: BP017120.D
Acq: 12 Sep 2023 16:56

Tgt Ion: 70 Resp: 211984
Ion Ratio Lower Upper
70 100
42 56.7 43.9 65.9
101 9.2 7.0 10.4
130 20.3 15.8 23.6

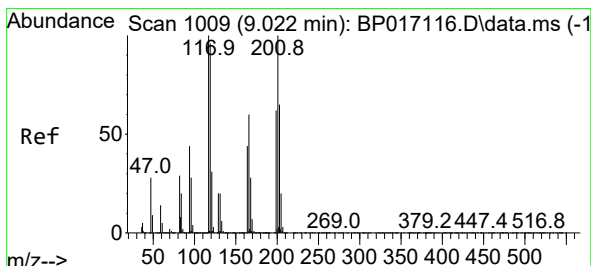
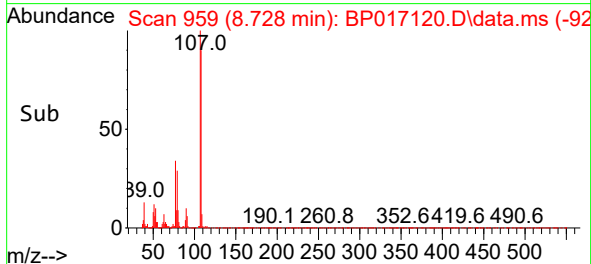
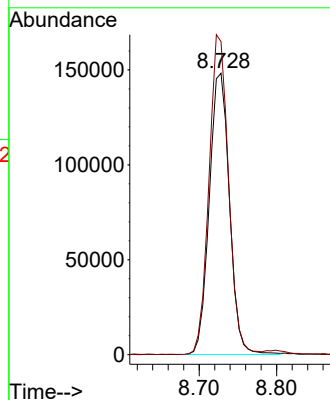
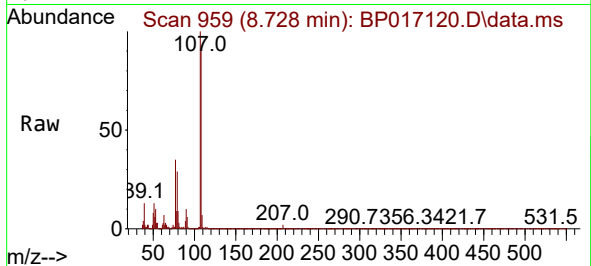




#18
4-Methylphenol
Concen: 19.708 ng/ul
RT: 8.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP017120.D
Acq: 12 Sep 2023 16:56

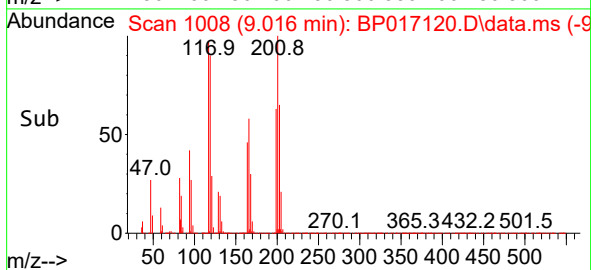
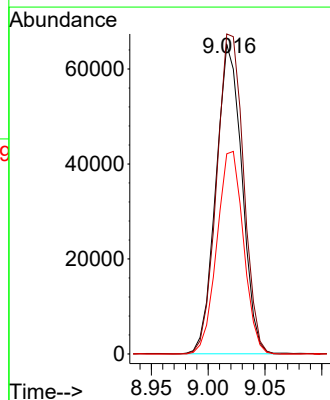
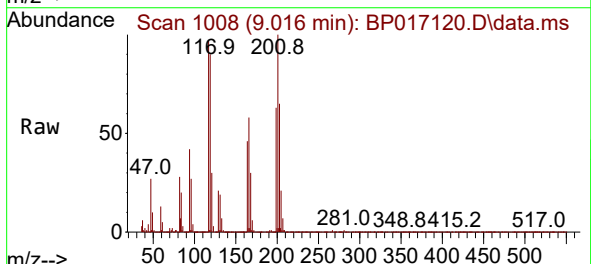
Instrument :
BNA_P
ClientSampleId :
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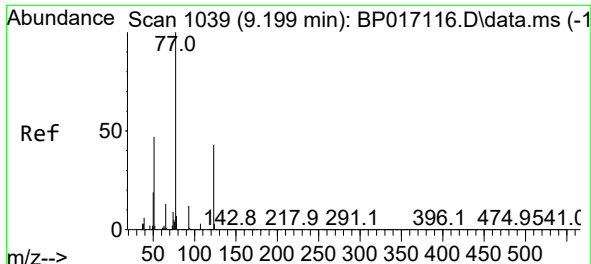
Tgt Ion:108 Resp: 268232
Ion Ratio Lower Upper
108 100
107 111.3 91.4 137.0



#19
Hexachloroethane
Concen: 19.988 ng/ul
RT: 9.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BP017120.D
Acq: 12 Sep 2023 16:56

Tgt Ion:117 Resp: 104147
Ion Ratio Lower Upper
117 100
201 103.4 79.9 119.9
199 64.7 49.4 74.2

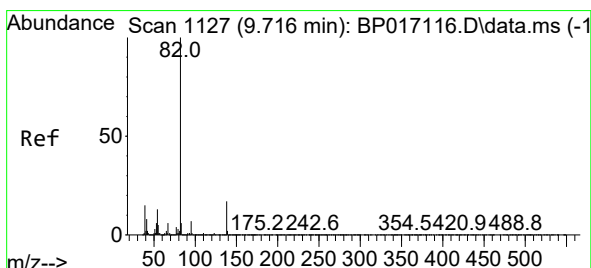
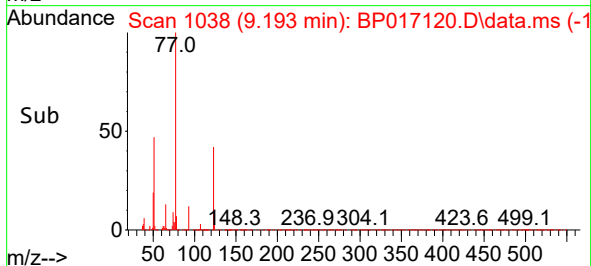
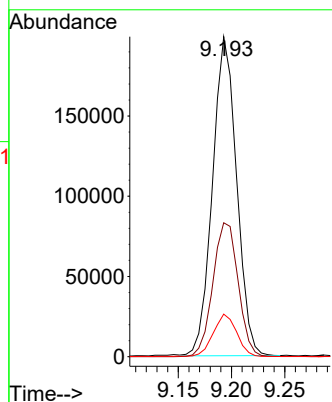
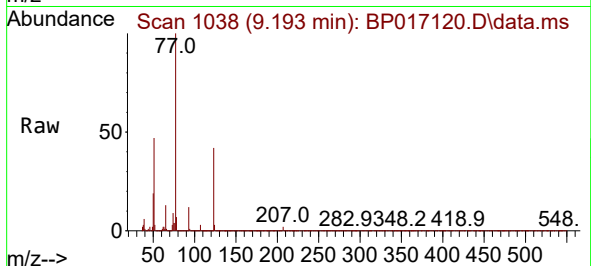




#22
Nitrobenzene
Concen: 20.628 ng/ul
RT: 9.193 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BP017120.D
Acq: 12 Sep 2023 16:56

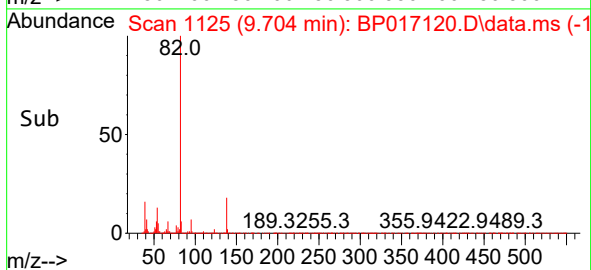
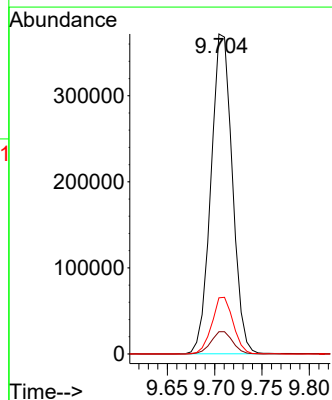
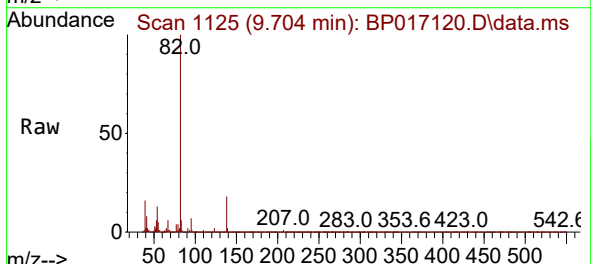
Instrument :
BNA_P
ClientSampleId :
SICV616

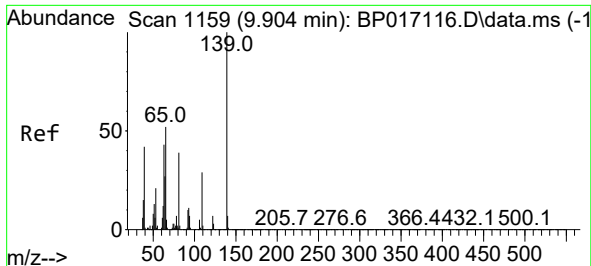
Tgt Ion: 77 Resp: 312720
Ion Ratio Lower Upper
77 100
123 41.9 34.6 51.8
65 13.3 10.6 16.0



#23
Isophorone
Concen: 20.521 ng/ul
RT: 9.704 min Scan# 1125
Delta R.T. -0.012 min
Lab File: BP017120.D
Acq: 12 Sep 2023 16:56

Tgt Ion: 82 Resp: 582981
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 17.5 14.0 21.0

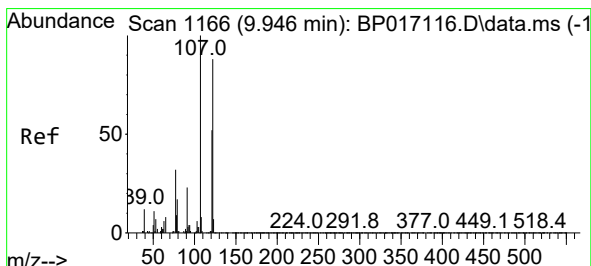
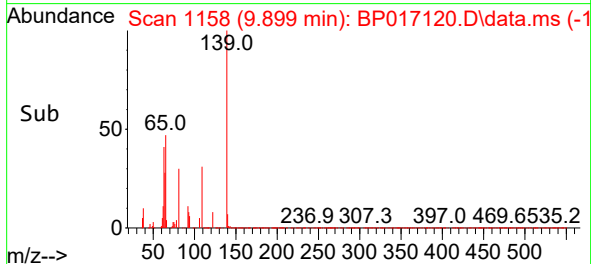
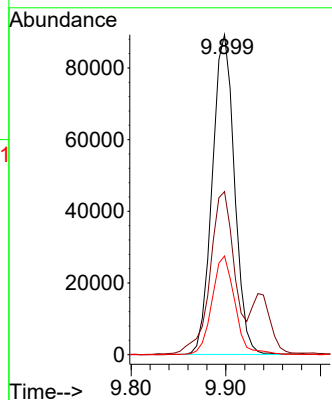
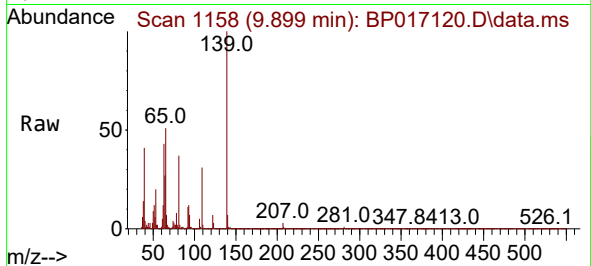




#25
2-Nitrophenol
Concen: 21.062 ng/ul
RT: 9.899 min Scan# 1158
Delta R.T. -0.006 min
Lab File: BP017120.D
Acq: 12 Sep 2023 16:56

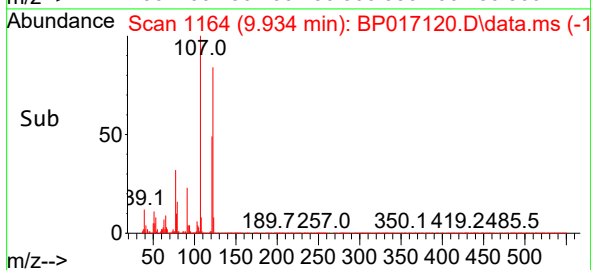
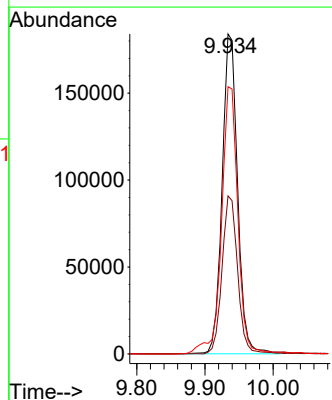
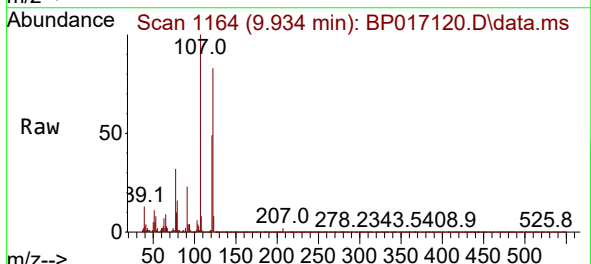
Instrument :
BNA_P
ClientSampleId :
SICV616

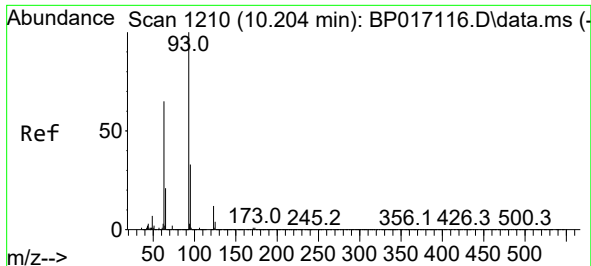
Tgt Ion:139 Resp: 145482
Ion Ratio Lower Upper
139 100
65 50.9 41.9 62.9
109 30.8 23.5 35.3



#26
2,4-Dimethylphenol
Concen: 20.600 ng/ul
RT: 9.934 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BP017120.D
Acq: 12 Sep 2023 16:56

Tgt Ion:107 Resp: 289984
Ion Ratio Lower Upper
107 100
121 49.4 41.7 62.5
122 83.5 70.4 105.6

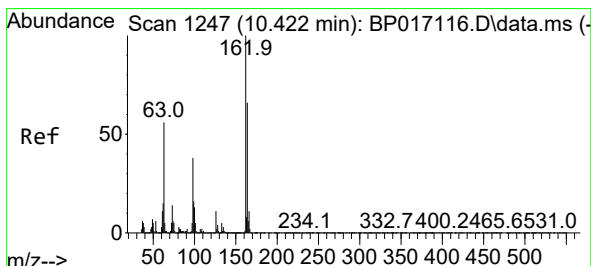
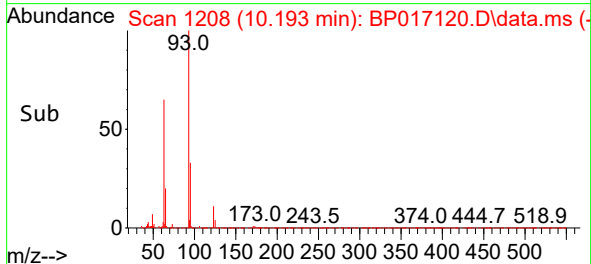
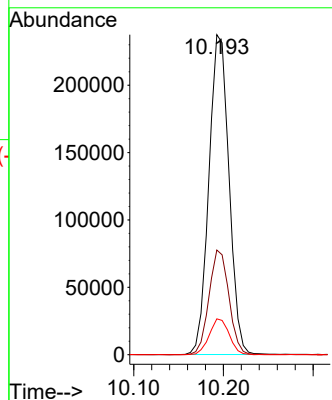
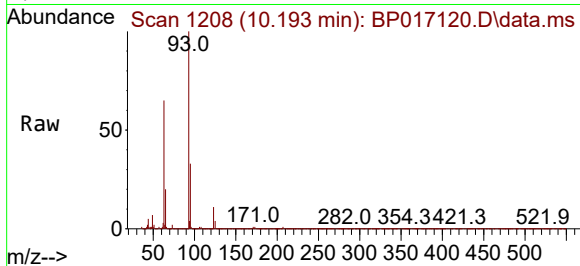




#27
 Bis(2-Chloroethoxy)methane
 Concen: 20.715 ng/ul
 RT: 10.193 min Scan# 1208
 Delta R.T. -0.012 min
 Lab File: BP017120.D
 Acq: 12 Sep 2023 16:56

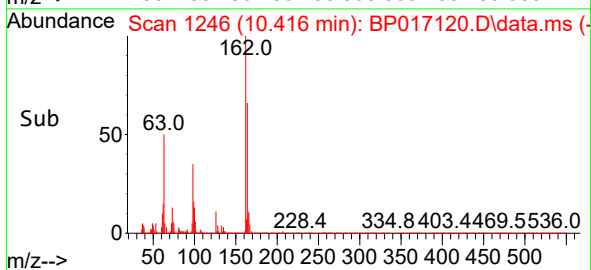
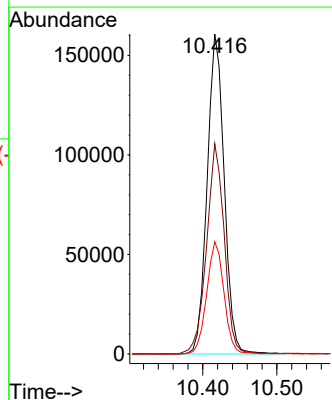
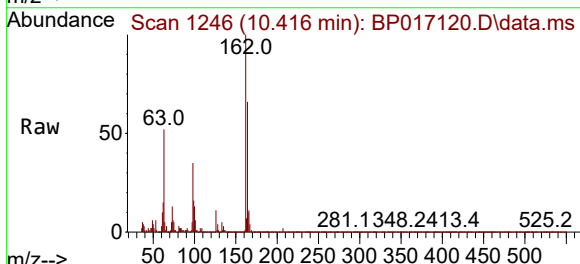
Instrument :
 BNA_P
 ClientSampleId :
 SICV616

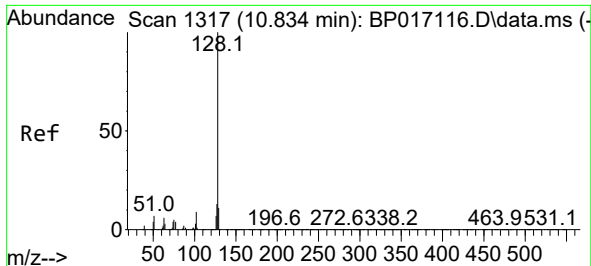
Tgt Ion: 93 Resp: 368849
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.2 39.4
 123 11.2 9.3 13.9



#29
 2,4-Dichlorophenol
 Concen: 21.122 ng/ul
 RT: 10.416 min Scan# 1246
 Delta R.T. -0.006 min
 Lab File: BP017120.D
 Acq: 12 Sep 2023 16:56

Tgt Ion: 162 Resp: 256978
 Ion Ratio Lower Upper
 162 100
 164 65.7 53.2 79.8
 98 35.1 30.0 45.0

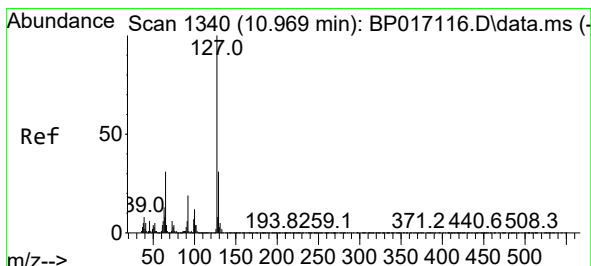
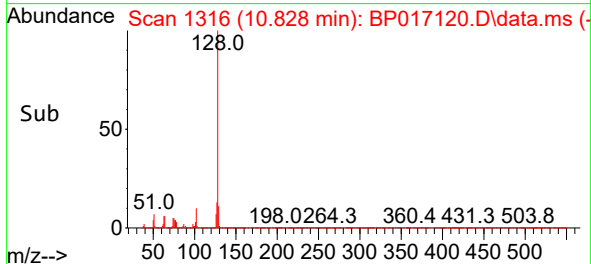
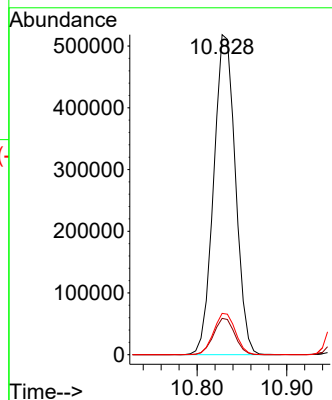
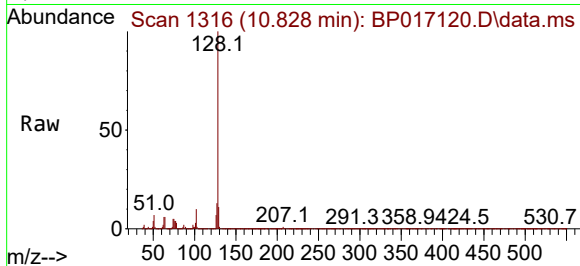




#30
Naphthalene
Concen: 20.701 ng/ul
RT: 10.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BP017120.D
Acq: 12 Sep 2023 16:56

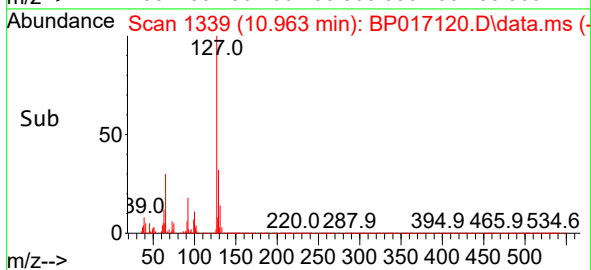
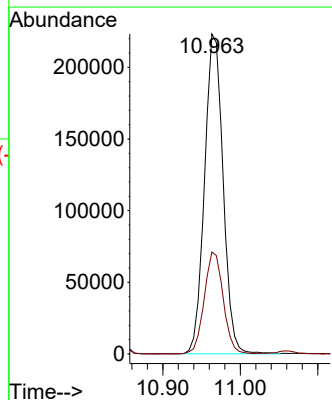
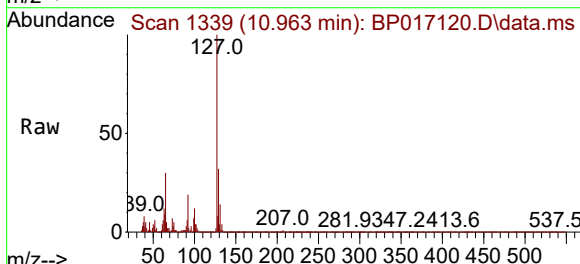
Instrument :
BNA_P
ClientSampleId :
SICV616

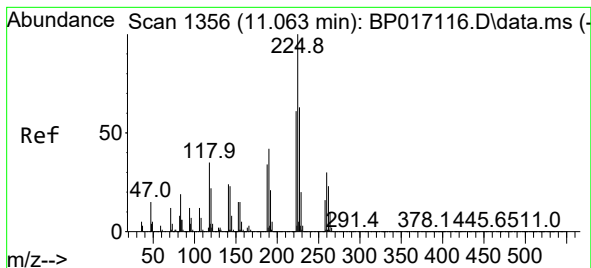
Tgt Ion:128 Resp: 870857
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 12.9 10.4 15.6



#32
4-Chloroaniline
Concen: 20.991 ng/ul
RT: 10.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BP017120.D
Acq: 12 Sep 2023 16:56

Tgt Ion:127 Resp: 371088
Ion Ratio Lower Upper
127 100
129 31.9 24.8 37.2





#33

Hexachlorobutadiene

Concen: 21.107 ng/ul

RT: 11.057 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP017120.D

Acq: 12 Sep 2023 16:56

Instrument :

BNA_P

ClientSampleId :

SICV616

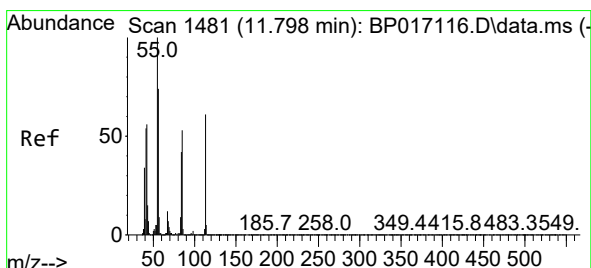
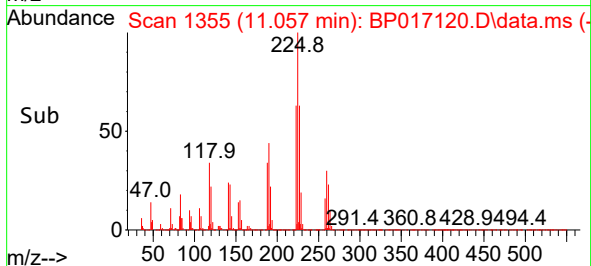
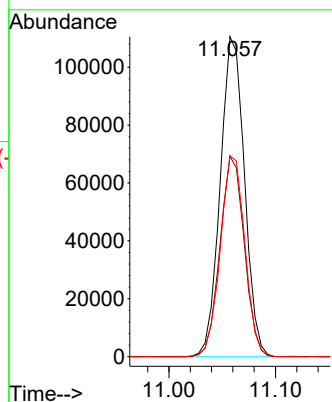
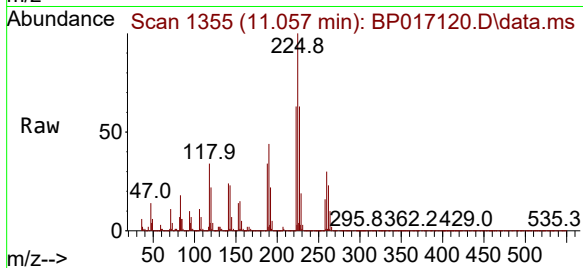
Tgt Ion:225 Resp: 174371

Ion Ratio Lower Upper

225 100

223 62.7 49.0 73.4

227 62.8 50.2 75.4



#34

Caprolactam

Concen: 21.045 ng/ul

RT: 11.787 min Scan# 1479

Delta R.T. -0.012 min

Lab File: BP017120.D

Acq: 12 Sep 2023 16:56

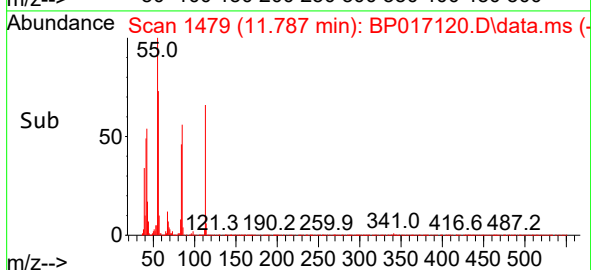
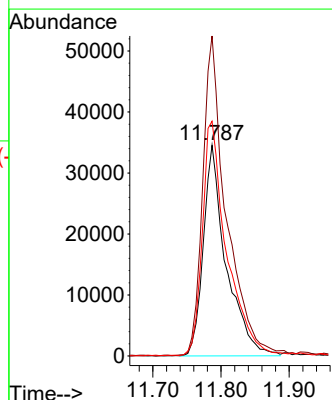
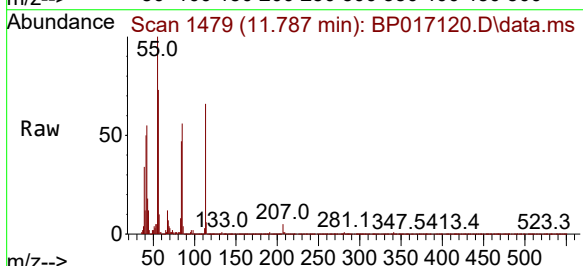
Tgt Ion:113 Resp: 80481

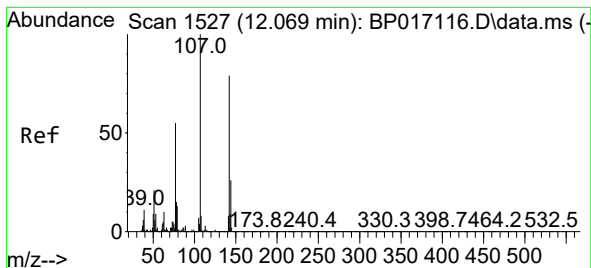
Ion Ratio Lower Upper

113 100

55 151.9 130.7 196.1

56 111.4 96.8 145.2

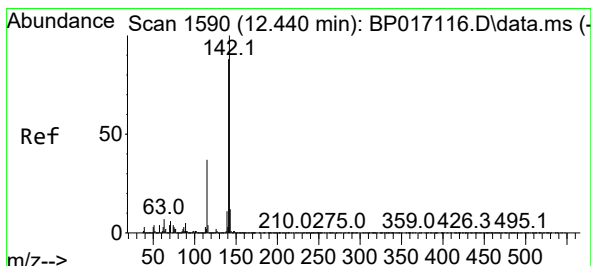
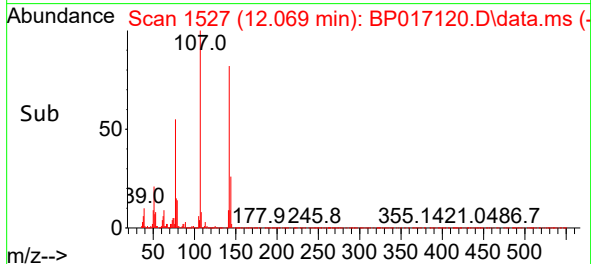
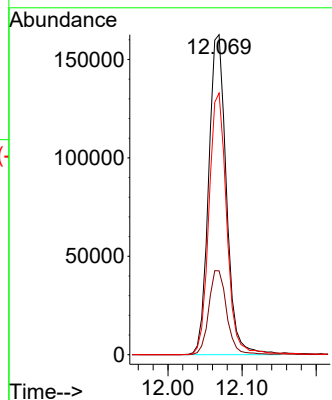
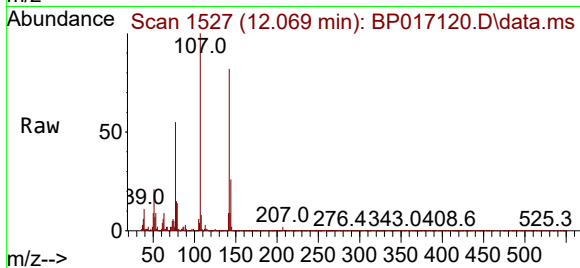




#35
4-Chloro-3-methylphenol
Concen: 20.578 ng/ul
RT: 12.069 min Scan# 1527
Delta R.T. 0.000 min
Lab File: BP017120.D
Acq: 12 Sep 2023 16:56

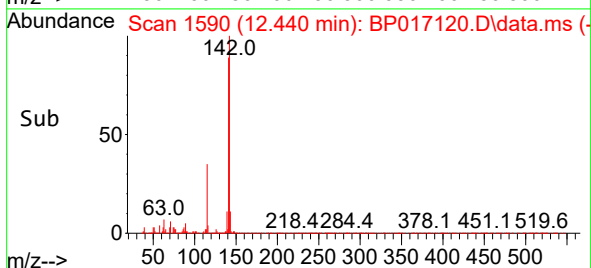
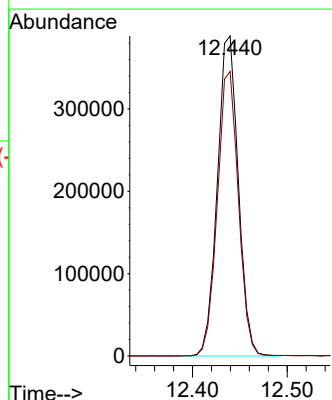
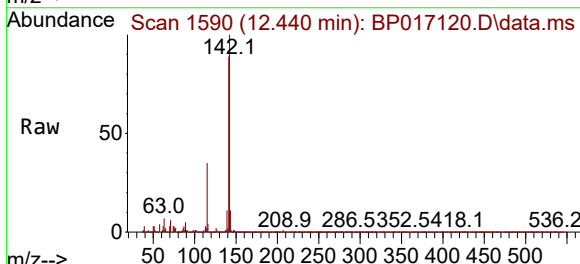
Instrument :
BNA_P
ClientSampleId :
SICV616

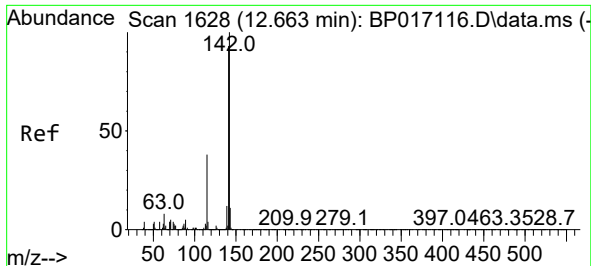
Tgt Ion:107 Resp: 270884
Ion Ratio Lower Upper
107 100
144 26.2 20.6 31.0
142 81.7 63.4 95.0



#36
2-Methylnaphthalene
Concen: 21.046 ng/ul
RT: 12.440 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BP017120.D
Acq: 12 Sep 2023 16:56

Tgt Ion:142 Resp: 597410
Ion Ratio Lower Upper
142 100
141 88.9 70.1 105.1





#37

1-Methylnaphthalene

Concen: 21.213 ng/ul

RT: 12.657 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP017120.D

Acq: 12 Sep 2023 16:56

Instrument :

BNA_P

ClientSampleId :

SICV616

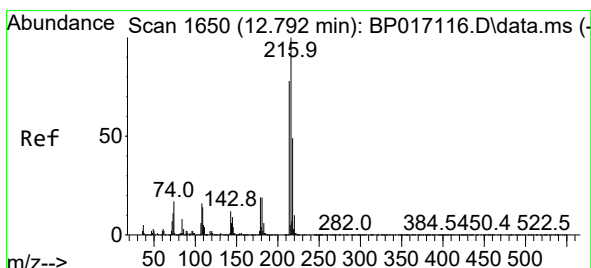
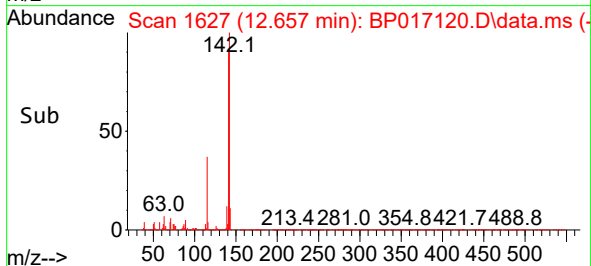
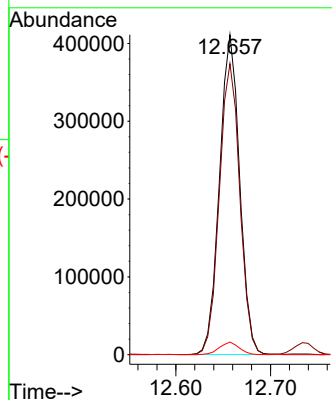
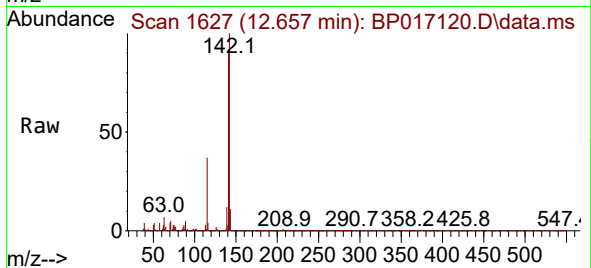
Tgt Ion:142 Resp: 609540

Ion Ratio Lower Upper

142 100

141 90.9 74.1 111.1

116 3.9 3.1 4.7



#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.465 ng/ul

RT: 12.787 min Scan# 1649

Delta R.T. -0.006 min

Lab File: BP017120.D

Acq: 12 Sep 2023 16:56

Tgt Ion:216 Resp: 338788

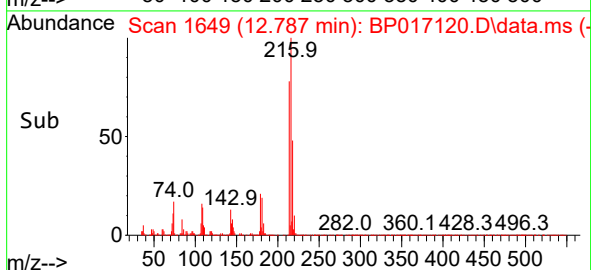
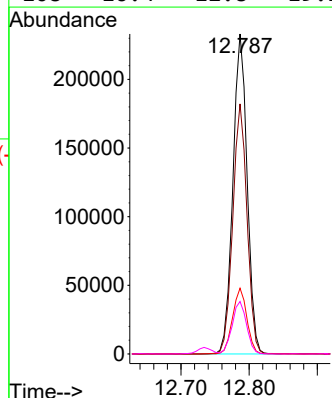
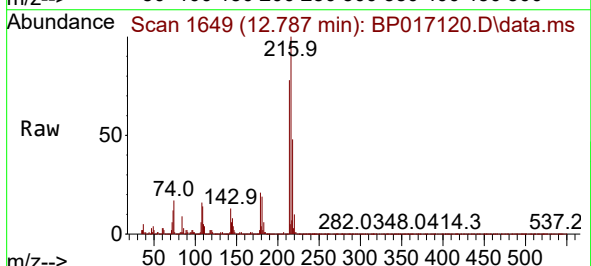
Ion Ratio Lower Upper

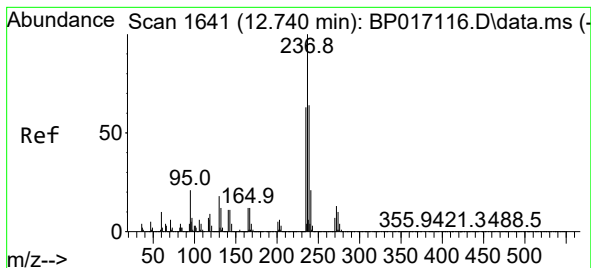
216 100

214 78.1 62.1 93.1

179 20.5 15.6 23.4

108 16.4 12.8 19.2





#40

Hexachlorocyclopentadiene

Concen: 18.396 ng/ul

RT: 12.734 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP017120.D

Acq: 12 Sep 2023 16:56

Instrument :

BNA_P

ClientSampleId :

SICV616

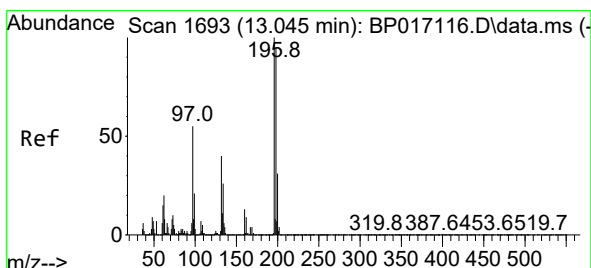
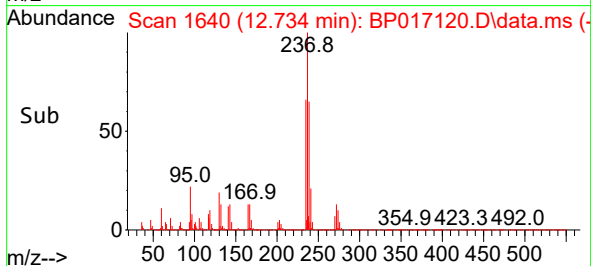
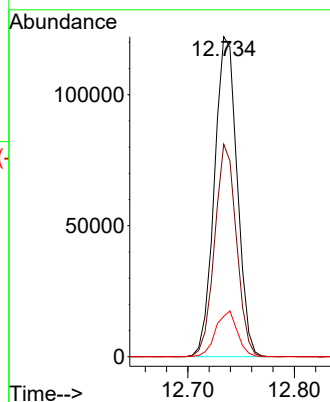
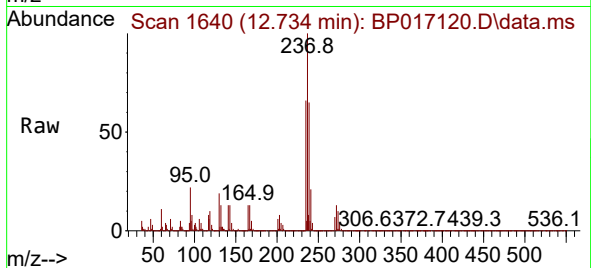
Tgt Ion:237 Resp: 180902

Ion Ratio Lower Upper

237 100

235 66.4 50.4 75.6

272 12.6 10.2 15.4



#41

2,4,6-Trichlorophenol

Concen: 20.893 ng/ul

RT: 13.040 min Scan# 1692

Delta R.T. -0.006 min

Lab File: BP017120.D

Acq: 12 Sep 2023 16:56

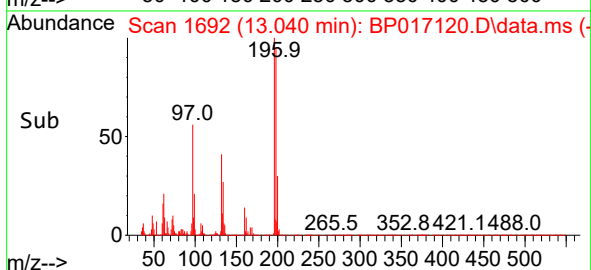
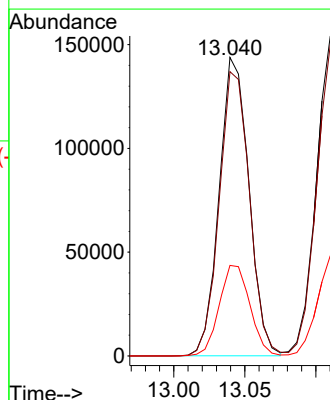
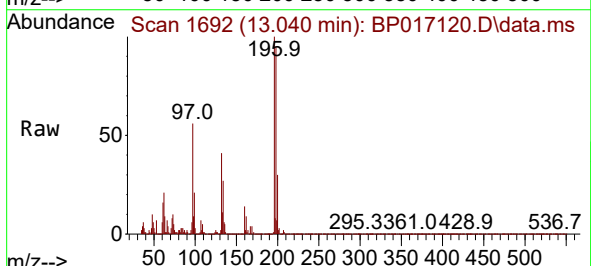
Tgt Ion:196 Resp: 209477

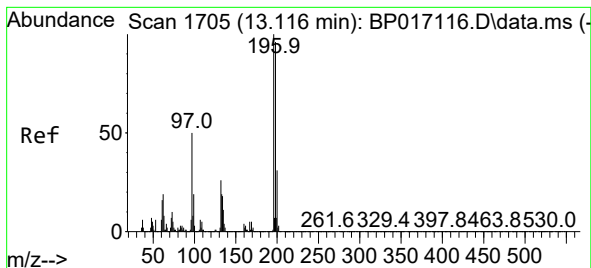
Ion Ratio Lower Upper

196 100

198 95.2 76.0 114.0

200 30.4 25.0 37.4





#42

2,4,5-Trichlorophenol

Concen: 21.209 ng/ul

RT: 13.110 min Scan# 1704

Delta R.T. -0.006 min

Lab File: BP017120.D

Acq: 12 Sep 2023 16:56

Instrument :

BNA_P

ClientSampleId :

SICV616

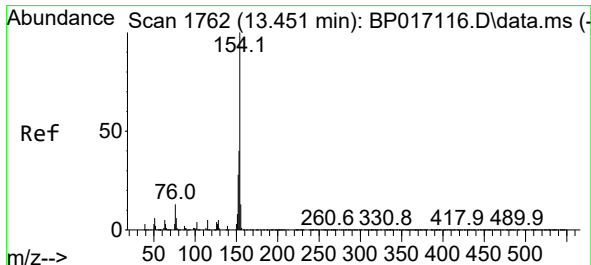
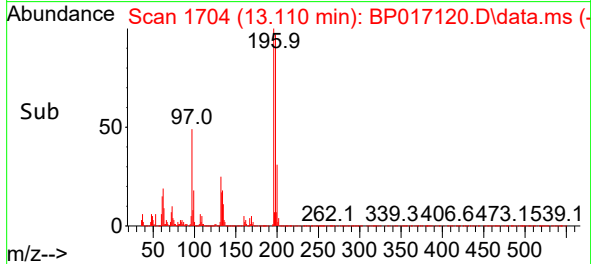
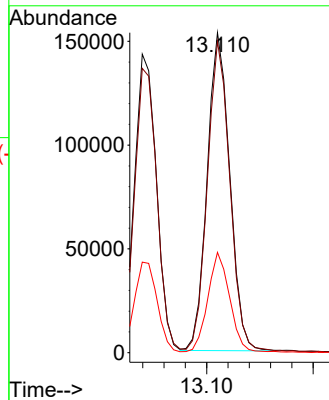
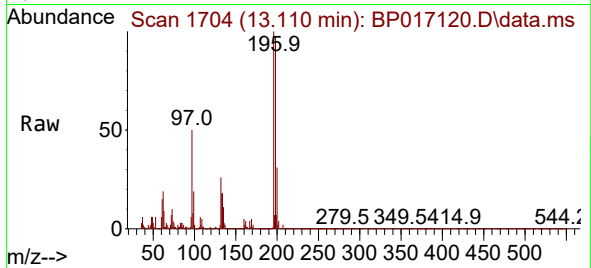
Tgt Ion:196 Resp: 226072

Ion Ratio Lower Upper

196 100

198 97.3 76.9 115.3

200 31.4 25.0 37.6



#43

1,1'-Biphenyl

Concen: 21.147 ng/ul

RT: 13.451 min Scan# 1762

Delta R.T. 0.000 min

Lab File: BP017120.D

Acq: 12 Sep 2023 16:56

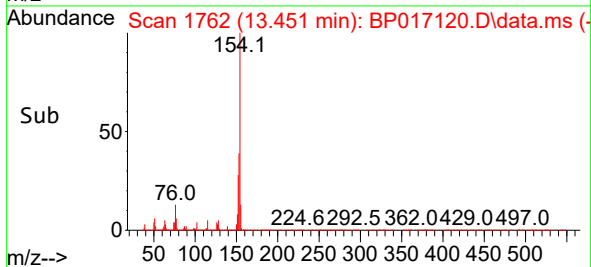
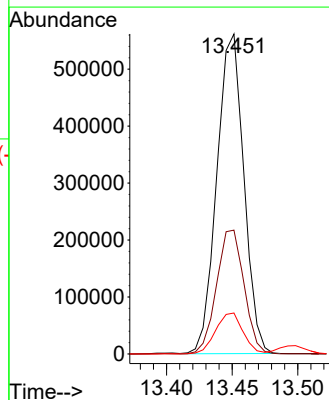
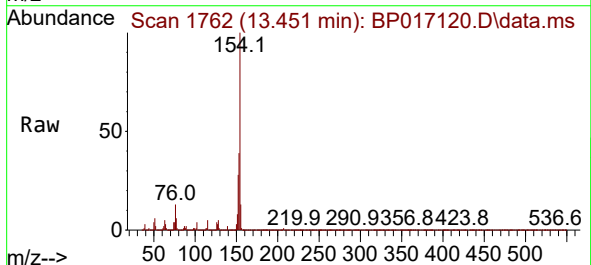
Tgt Ion:154 Resp: 803564

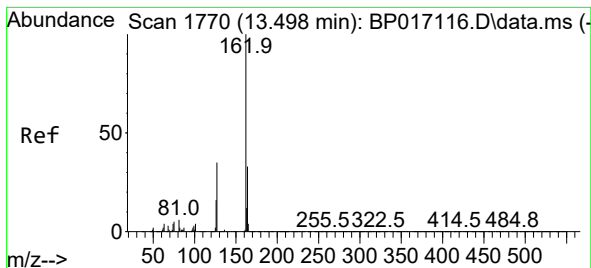
Ion Ratio Lower Upper

154 100

153 38.7 31.8 47.8

76 12.8 10.8 16.2





#44

2-Chloronaphthalene

Concen: 21.233 ng/ul

RT: 13.498 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP017120.D

Acq: 12 Sep 2023 16:56

Instrument :

BNA_P

ClientSampleId :

SICV616

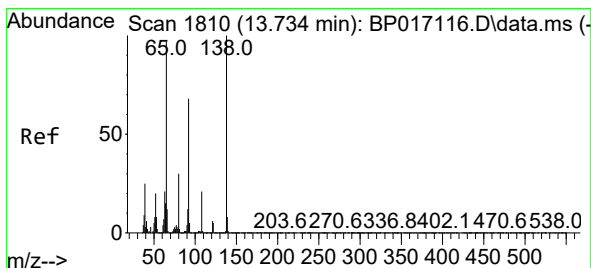
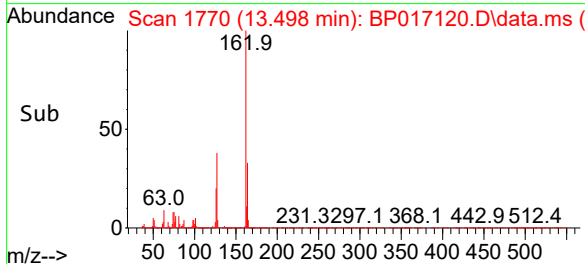
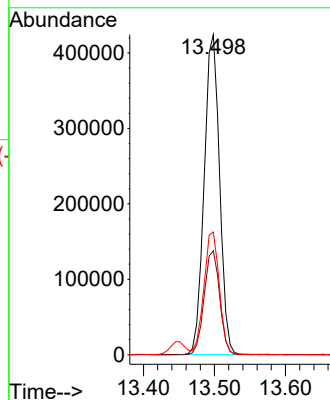
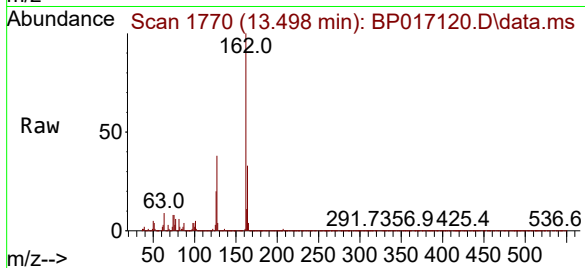
Tgt Ion:162 Resp: 640728

Ion Ratio Lower Upper

162 100

164 32.5 26.6 39.8

127 38.4 31.0 46.4



#45

2-Nitroaniline

Concen: 20.692 ng/ul

RT: 13.734 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BP017120.D

Acq: 12 Sep 2023 16:56

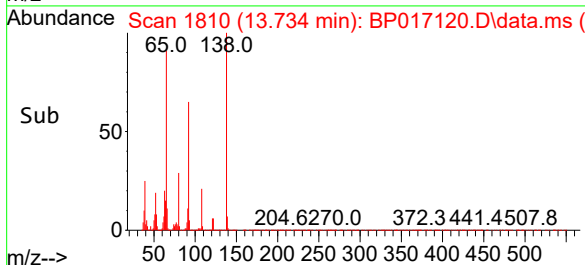
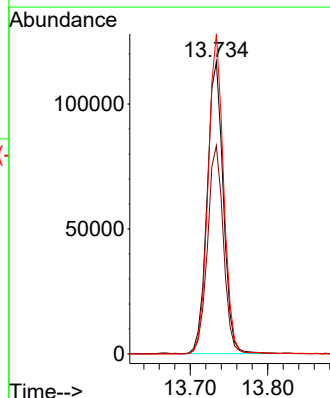
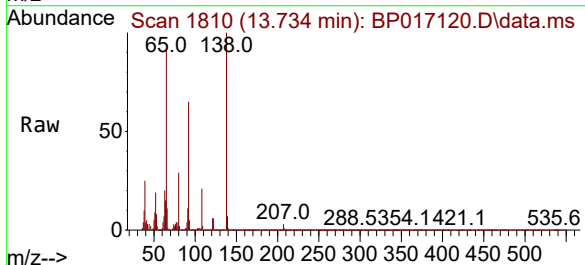
Tgt Ion: 65 Resp: 169127

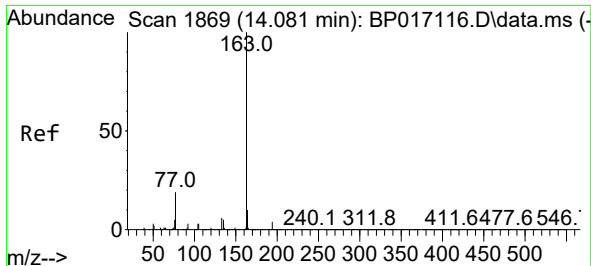
Ion Ratio Lower Upper

65 100

92 71.3 55.6 83.4

138 109.5 82.2 123.2





#47

Dimethylphthalate

Concen: 21.523 ng/ul

RT: 14.081 min Scan# 1869

Delta R.T. 0.000 min

Lab File: BP017120.D

Acq: 12 Sep 2023 16:56

Instrument :

BNA_P

ClientSampleId :

SICV616

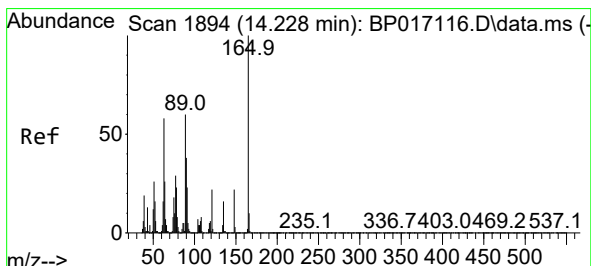
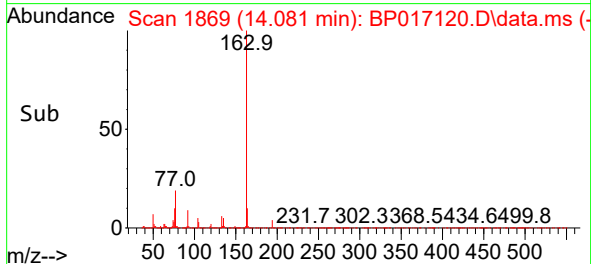
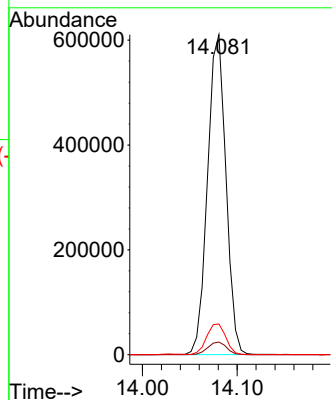
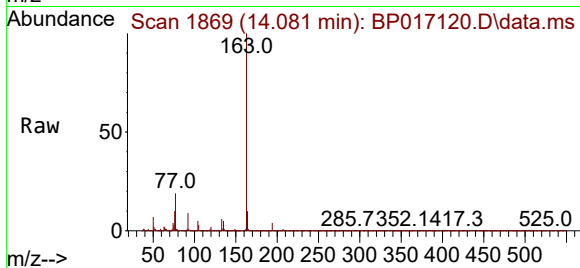
Tgt Ion:163 Resp: 823904

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 9.6 7.9 11.9



#48

2,6-Dinitrotoluene

Concen: 21.202 ng/ul

RT: 14.222 min Scan# 1893

Delta R.T. -0.006 min

Lab File: BP017120.D

Acq: 12 Sep 2023 16:56

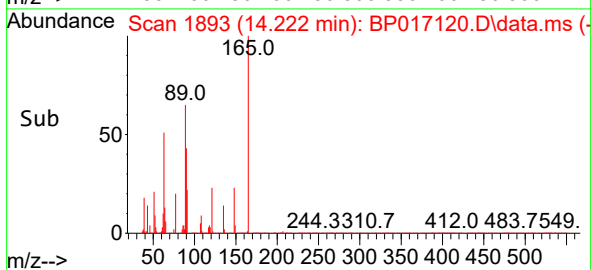
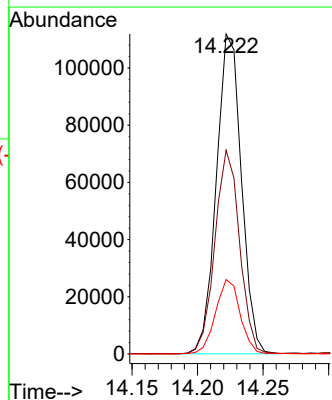
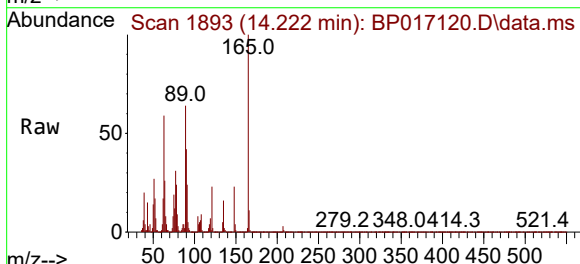
Tgt Ion:165 Resp: 148383

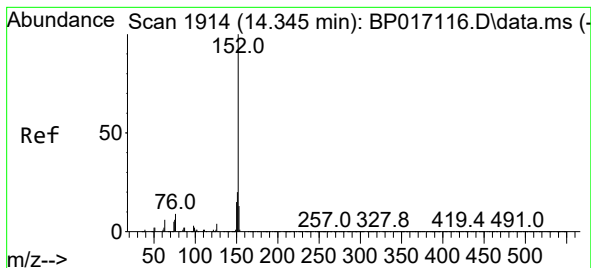
Ion Ratio Lower Upper

165 100

89 63.6 47.8 71.8

121 23.3 17.4 26.2





#50

Acenaphthylene

Concen: 21.324 ng/ul

RT: 14.345 min Scan# 1914

Delta R.T. 0.000 min

Lab File: BP017120.D

Acq: 12 Sep 2023 16:56

Instrument :

BNA_P

ClientSampleId :

SICV616

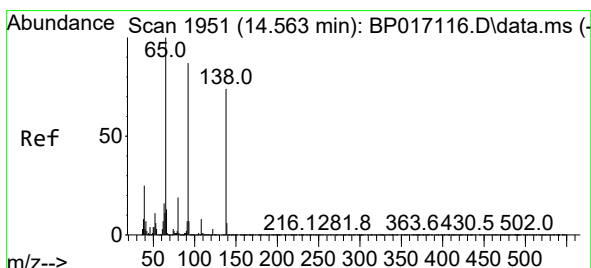
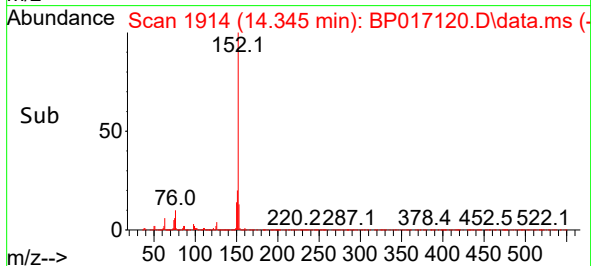
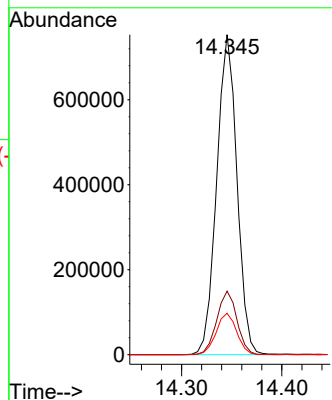
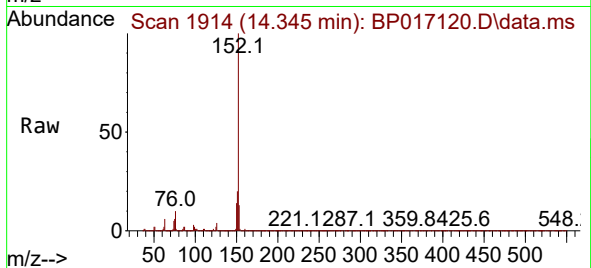
Tgt Ion:152 Resp: 1054089

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.8

153 13.0 10.6 15.8



#51

3-Nitroaniline

Concen: 20.517 ng/ul

RT: 14.563 min Scan# 1951

Delta R.T. 0.000 min

Lab File: BP017120.D

Acq: 12 Sep 2023 16:56

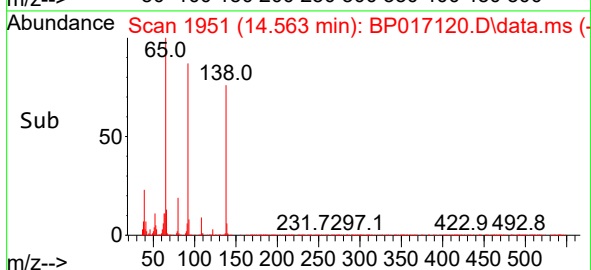
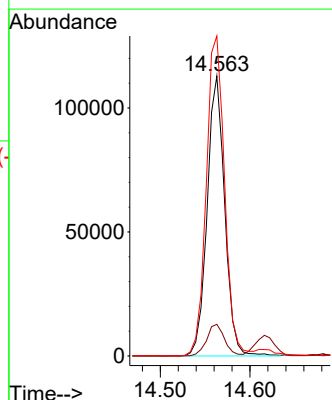
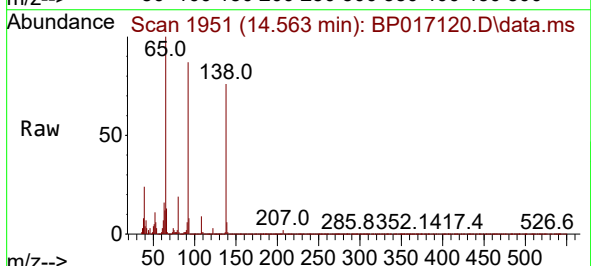
Tgt Ion:138 Resp: 153612

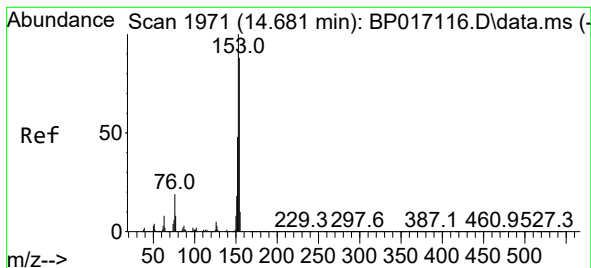
Ion Ratio Lower Upper

138 100

108 11.3 8.5 12.7

92 114.3 94.2 141.4





#52

Acenaphthene

Concen: 21.116 ng/ul

RT: 14.681 min Scan# 1971

Delta R.T. 0.000 min

Lab File: BP017120.D

Acq: 12 Sep 2023 16:56

Instrument :

BNA_P

ClientSampleId :

SICV616

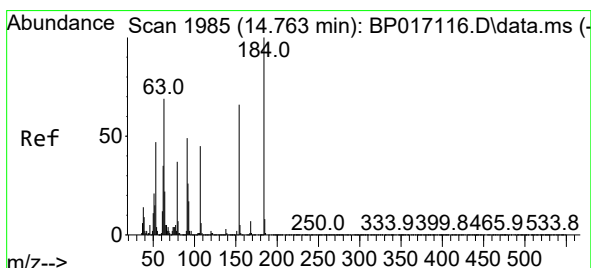
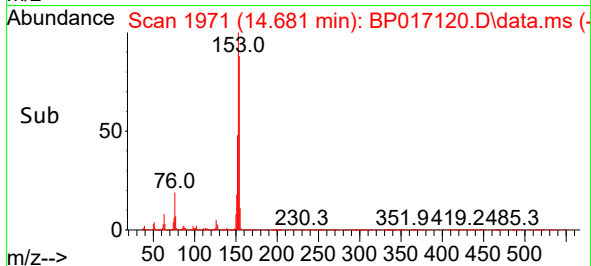
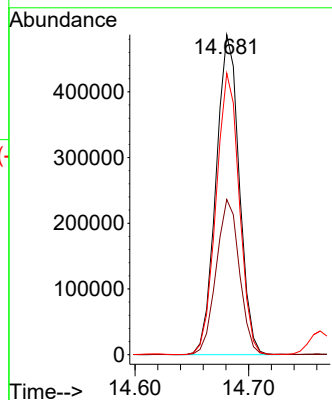
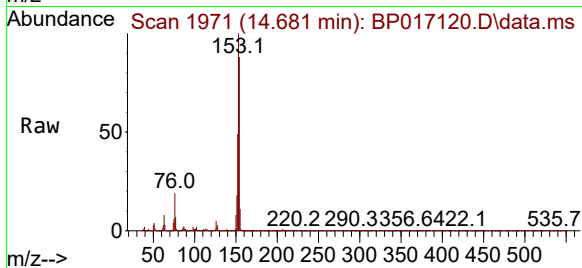
Tgt Ion:153 Resp: 690705

Ion Ratio Lower Upper

153 100

152 48.5 38.6 57.8

154 88.0 70.4 105.6



#53

2,4-Dinitrophenol

Concen: 15.893 ng/ul

RT: 14.763 min Scan# 1985

Delta R.T. 0.000 min

Lab File: BP017120.D

Acq: 12 Sep 2023 16:56

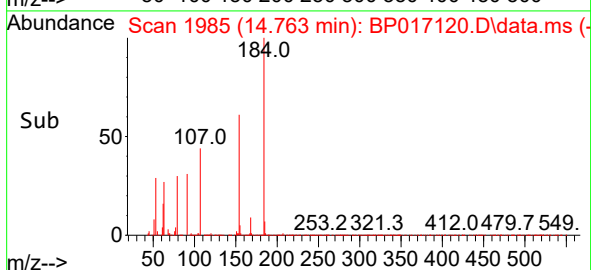
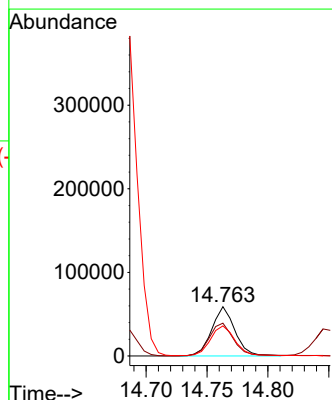
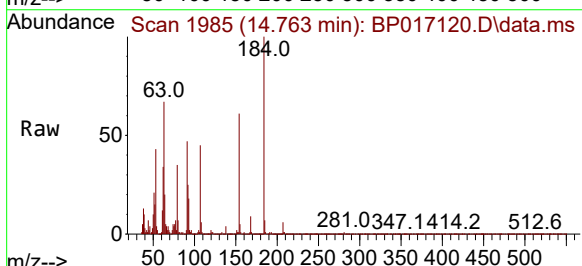
Tgt Ion:184 Resp: 77906

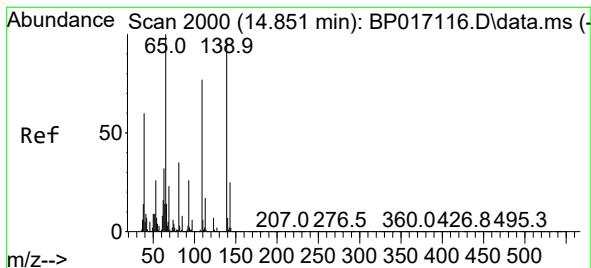
Ion Ratio Lower Upper

184 100

63 66.6 55.2 82.8

154 61.2 53.0 79.4

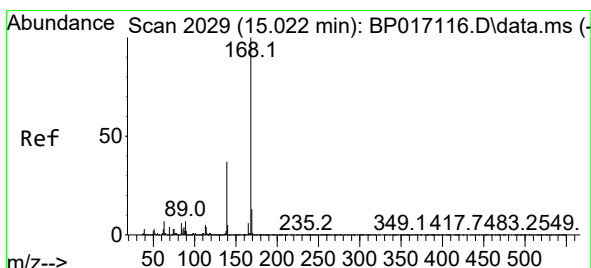
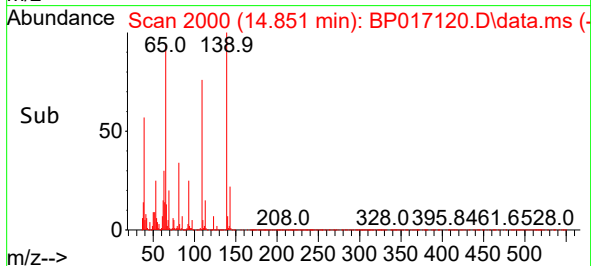
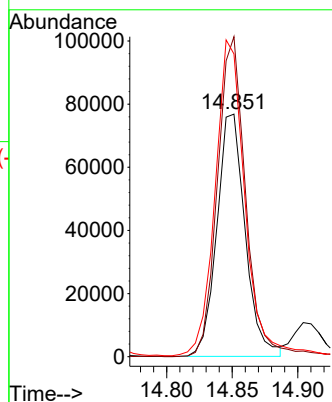
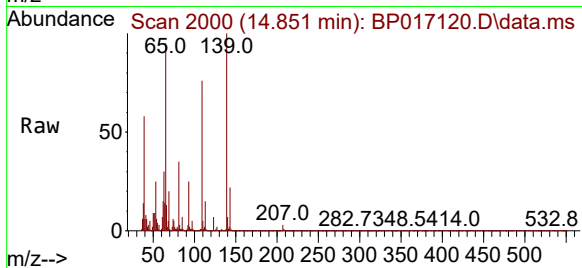




#55
4-Nitrophenol
Concen: 19.779 ng/ul
RT: 14.851 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BP017120.D
Acq: 12 Sep 2023 16:56

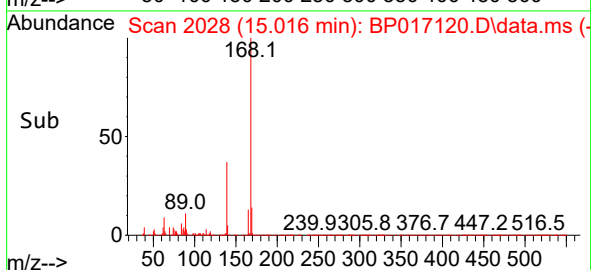
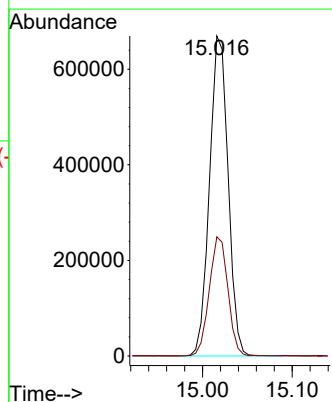
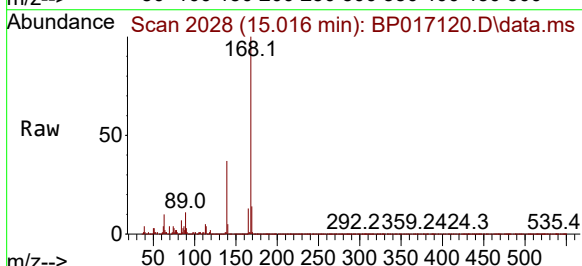
Instrument :
BNA_P
ClientSampleId :
SICV616

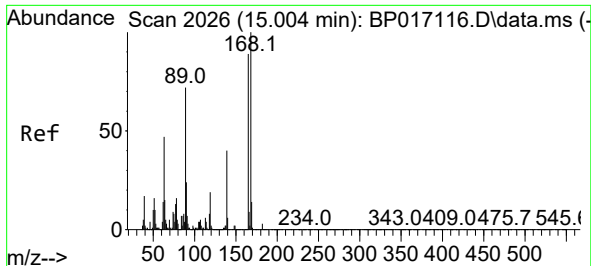
Tgt Ion:109 Resp: 115374
Ion Ratio Lower Upper
109 100
139 131.9 101.1 151.7
65 124.8 105.0 157.4



#56
Dibenzofuran
Concen: 21.302 ng/ul
RT: 15.016 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BP017120.D
Acq: 12 Sep 2023 16:56

Tgt Ion:168 Resp: 962920
Ion Ratio Lower Upper
168 100
139 37.2 29.9 44.9





#57

2,4-Dinitrotoluene

Concen: 21.506 ng/ul

RT: 15.004 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BP017120.D

Acq: 12 Sep 2023 16:56

Instrument :

BNA_P

ClientSampleId :

SICV616

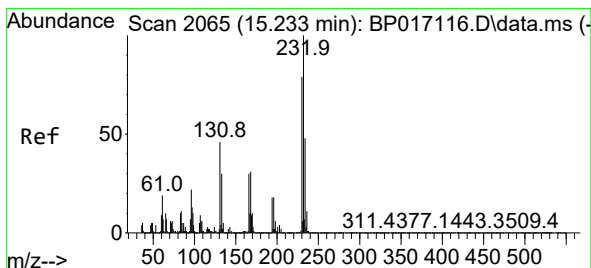
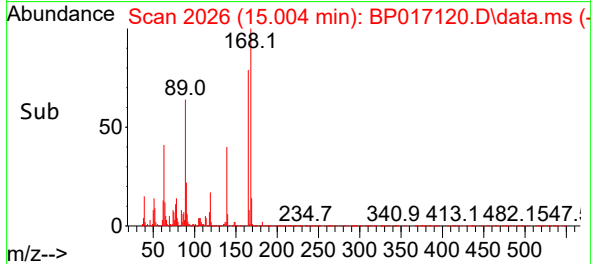
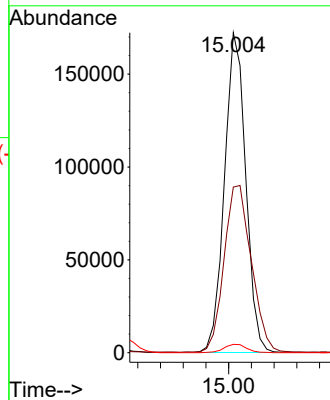
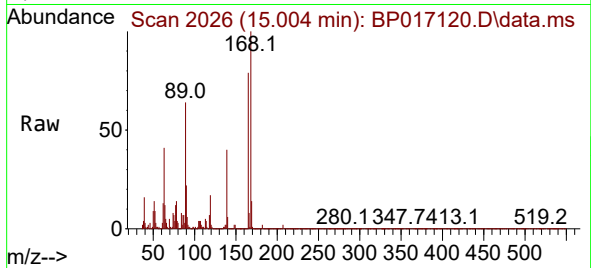
Tgt Ion:165 Resp: 224116

Ion Ratio Lower Upper

165 100

63 51.7 42.3 63.5

182 2.6 2.2 3.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 21.656 ng/ul

RT: 15.234 min Scan# 2065

Delta R.T. 0.000 min

Lab File: BP017120.D

Acq: 12 Sep 2023 16:56

Tgt Ion:232 Resp: 202512

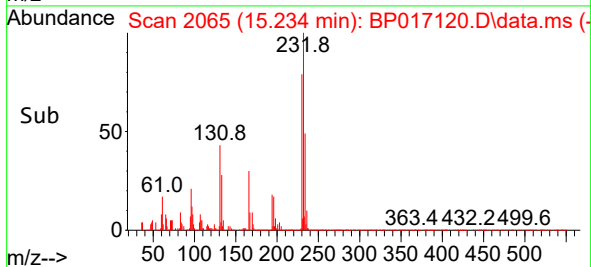
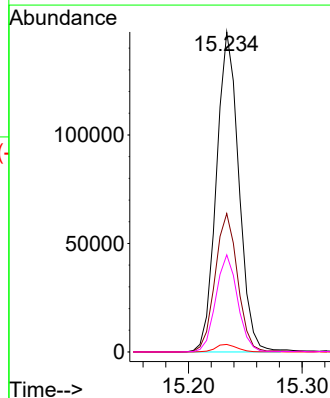
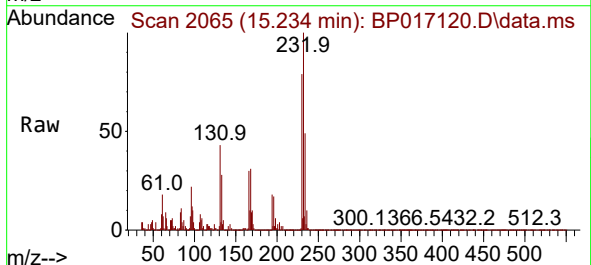
Ion Ratio Lower Upper

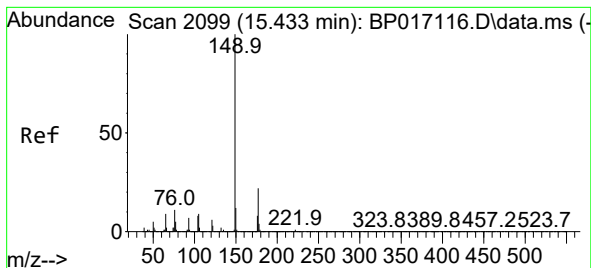
232 100

131 43.2 37.0 55.6

130 2.4 1.8 2.8

166 30.4 24.3 36.5





#59

Diethylphthalate

Concen: 21.415 ng/ul

RT: 15.434 min Scan# 2099

Delta R.T. 0.000 min

Lab File: BP017120.D

Acq: 12 Sep 2023 16:56

Instrument :

BNA_P

ClientSampleId :

SICV616

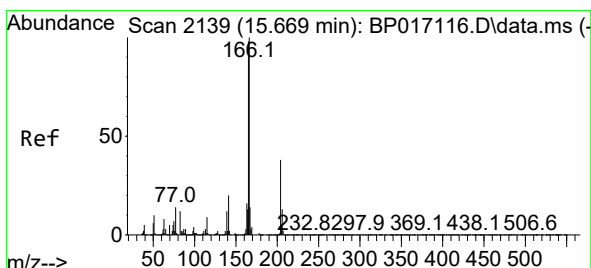
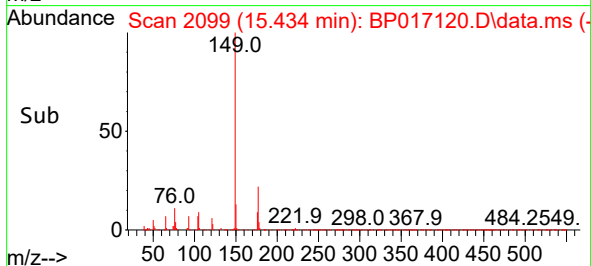
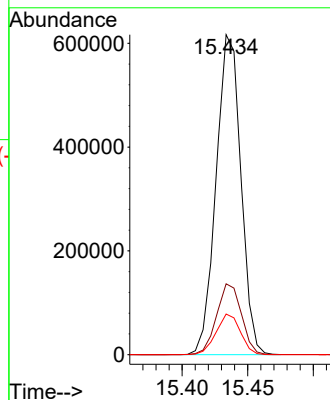
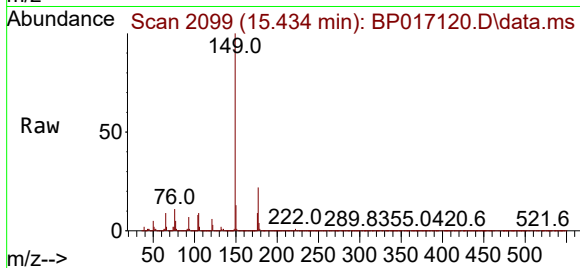
Tgt Ion:149 Resp: 809398

Ion Ratio Lower Upper

149 100

177 22.2 17.5 26.3

150 12.7 10.0 15.0



#61

Fluorene

Concen: 21.521 ng/ul

RT: 15.669 min Scan# 2139

Delta R.T. 0.000 min

Lab File: BP017120.D

Acq: 12 Sep 2023 16:56

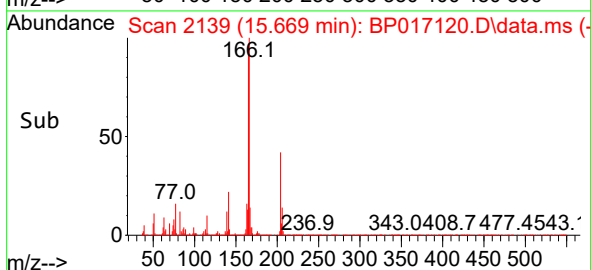
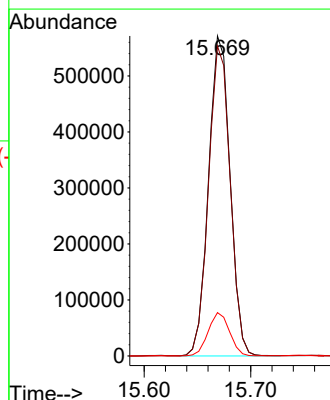
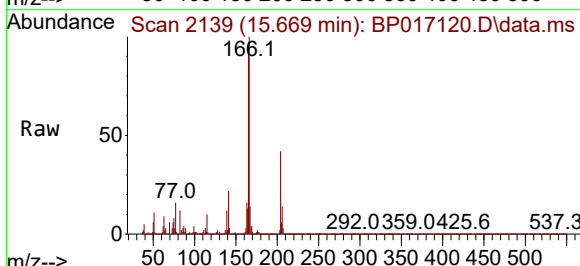
Tgt Ion:166 Resp: 804310

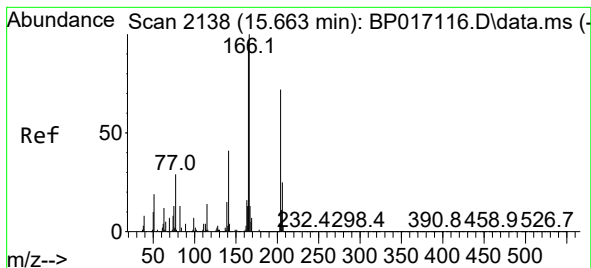
Ion Ratio Lower Upper

166 100

165 96.8 78.2 117.2

167 13.5 11.0 16.4

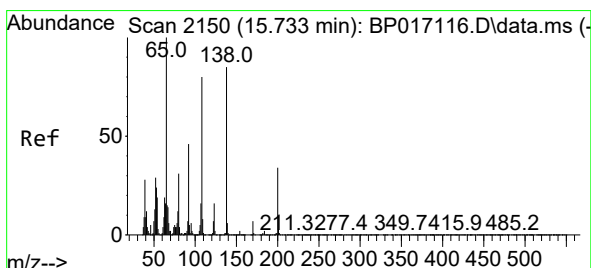
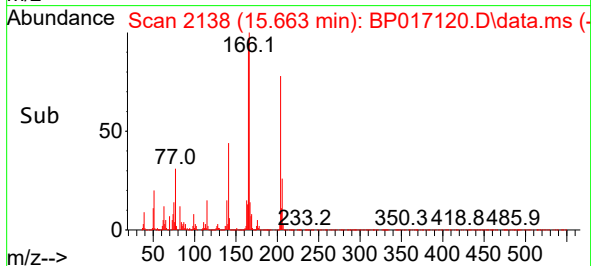
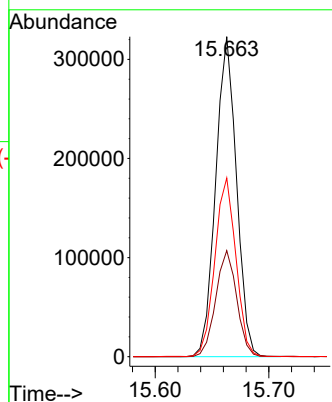
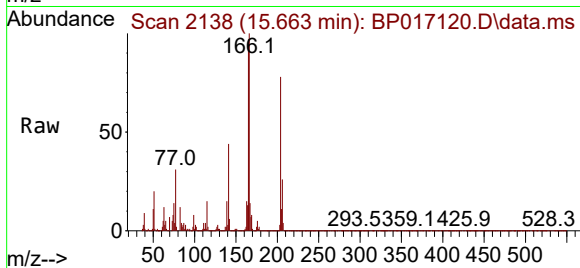




#62
4-Chlorophenyl-phenylether
Concen: 21.633 ng/ul
RT: 15.663 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BP017120.D
Acq: 12 Sep 2023 16:56

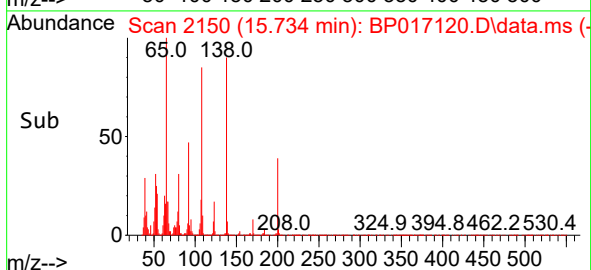
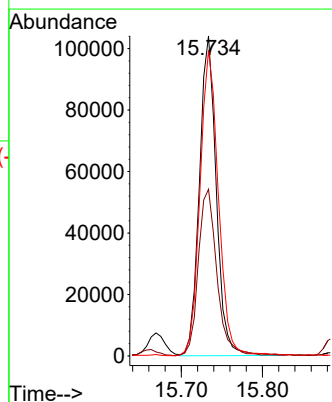
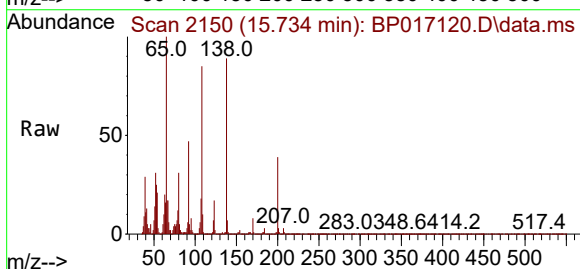
Instrument :
BNA_P
ClientSampleId :
SICV616

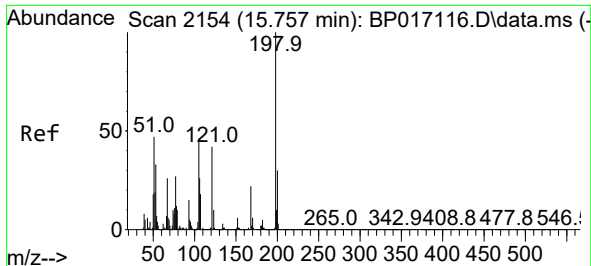
Tgt Ion:204 Resp: 411041
Ion Ratio Lower Upper
204 100
206 33.1 27.3 40.9
141 55.9 45.0 67.6



#63
4-Nitroaniline
Concen: 21.645 ng/ul
RT: 15.734 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BP017120.D
Acq: 12 Sep 2023 16:56

Tgt Ion:138 Resp: 150657
Ion Ratio Lower Upper
138 100
92 52.1 43.3 64.9
108 95.6 75.3 112.9

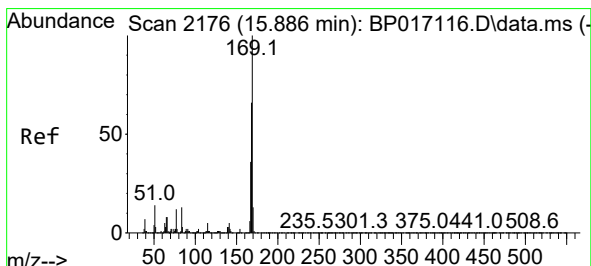
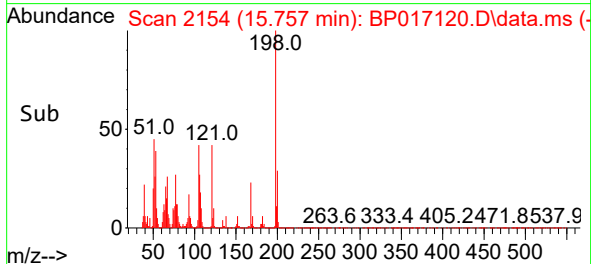
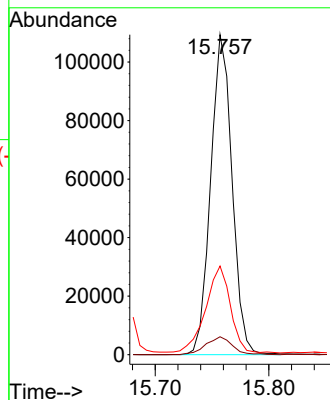
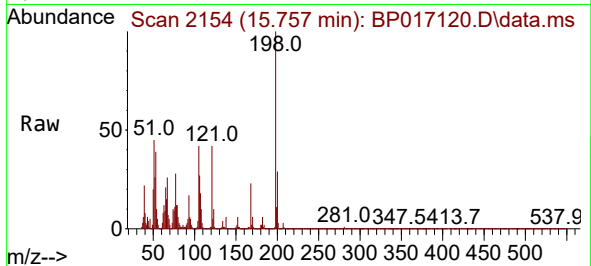




#66
4,6-Dinitro-2-methylphenol
Concen: 19.638 ng/ul
RT: 15.757 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BP017120.D
Acq: 12 Sep 2023 16:56

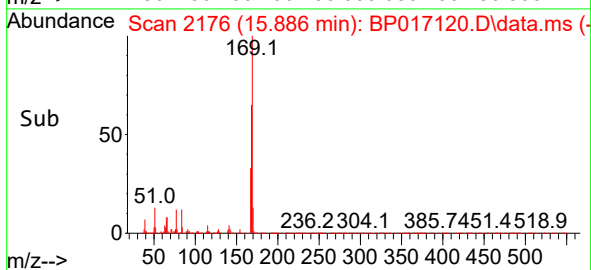
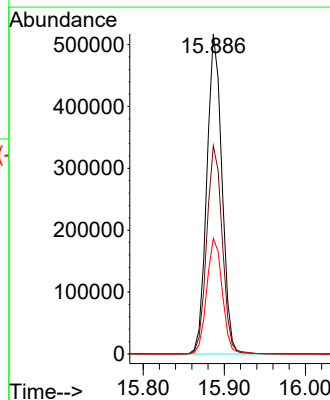
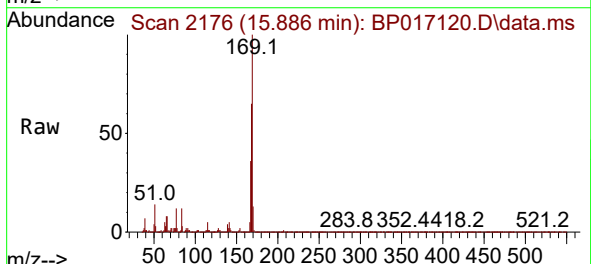
Instrument :
BNA_P
ClientSampleId :
SICV616

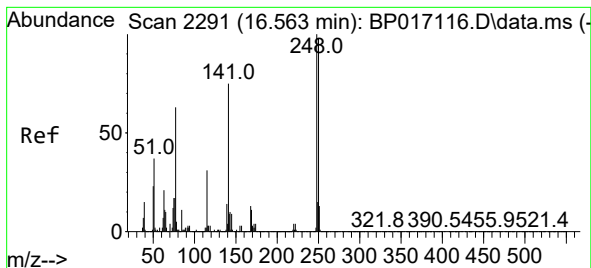
Tgt Ion:198 Resp: 143145
Ion Ratio Lower Upper
198 100
182 5.6 4.2 6.2
77 27.7 22.5 33.7



#67
N-Nitrosodiphenylamine
Concen: 21.076 ng/ul
RT: 15.886 min Scan# 2176
Delta R.T. 0.000 min
Lab File: BP017120.D
Acq: 12 Sep 2023 16:56

Tgt Ion:169 Resp: 666226
Ion Ratio Lower Upper
169 100
168 65.1 52.7 79.1
167 36.1 29.0 43.4

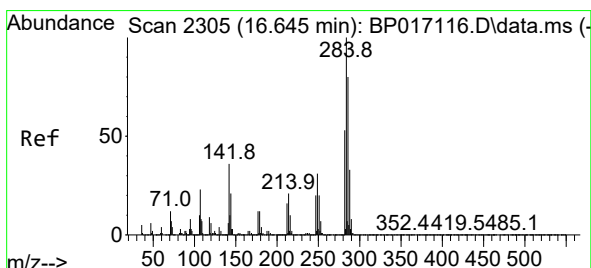
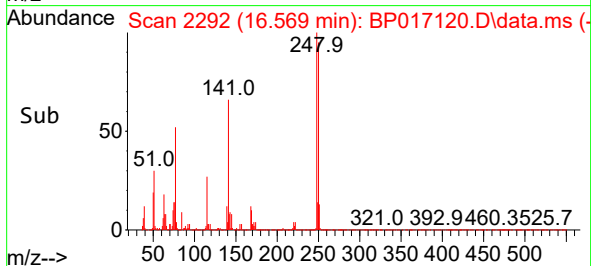
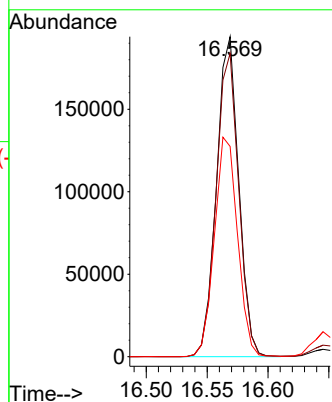
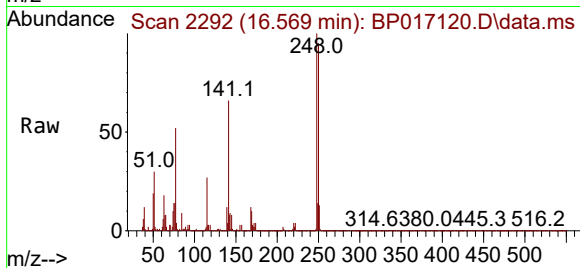




#68
4-Bromophenyl-phenylether
Concen: 21.284 ng/ul
RT: 16.569 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP017120.D
Acq: 12 Sep 2023 16:56

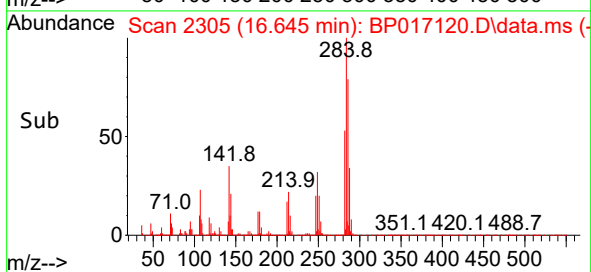
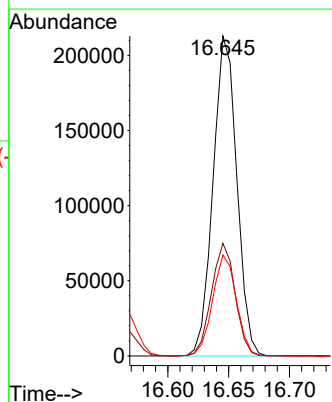
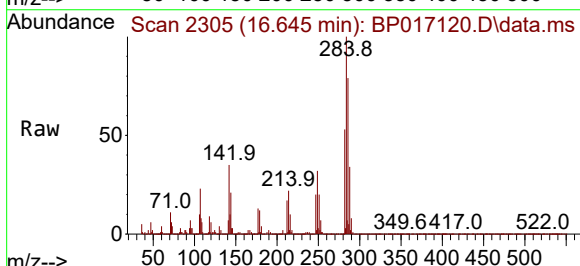
Instrument :
BNA_P
ClientSampleId :
SICV616

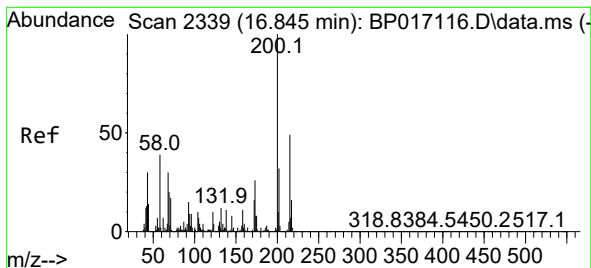
Tgt Ion:248 Resp: 246642
Ion Ratio Lower Upper
248 100
250 94.8 78.6 118.0
141 65.7 60.4 90.6



#69
Hexachlorobenzene
Concen: 21.039 ng/ul
RT: 16.645 min Scan# 2305
Delta R.T. 0.000 min
Lab File: BP017120.D
Acq: 12 Sep 2023 16:56

Tgt Ion:284 Resp: 288579
Ion Ratio Lower Upper
284 100
142 35.2 28.6 42.8
249 31.6 25.0 37.6





#70

Atrazine

Concen: 21.677 ng/ul

RT: 16.845 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP017120.D

Acq: 12 Sep 2023 16:56

Instrument :

BNA_P

ClientSampleId :

SICV616

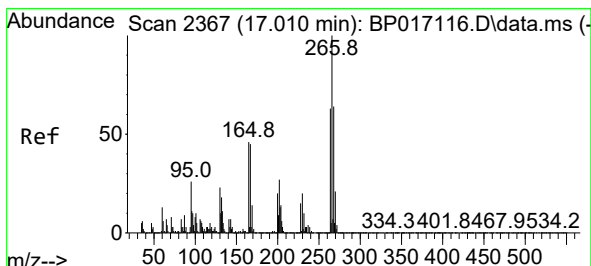
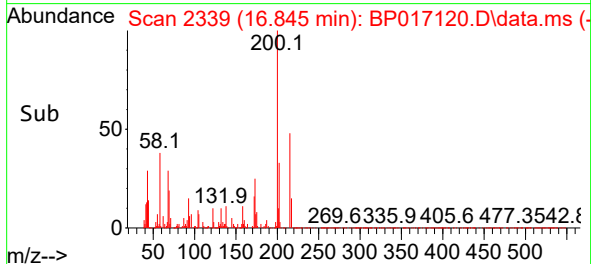
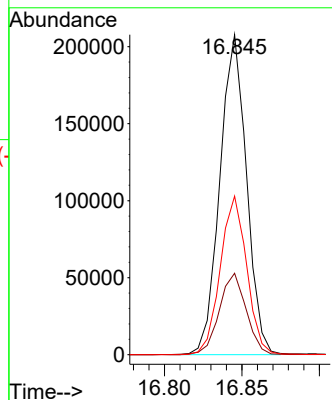
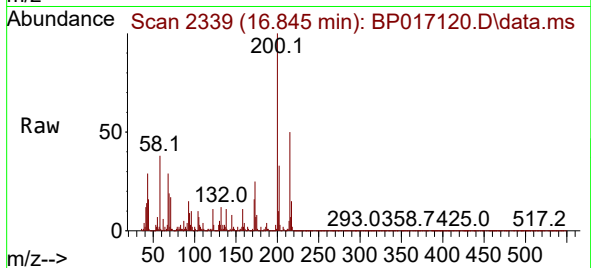
Tgt Ion:200 Resp: 248032

Ion Ratio Lower Upper

200 100

173 25.5 20.7 31.1

215 49.6 38.8 58.2



#71

Pentachlorophenol

Concen: 18.925 ng/ul

RT: 17.016 min Scan# 2368

Delta R.T. 0.006 min

Lab File: BP017120.D

Acq: 12 Sep 2023 16:56

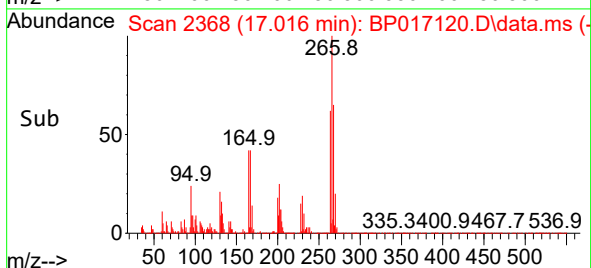
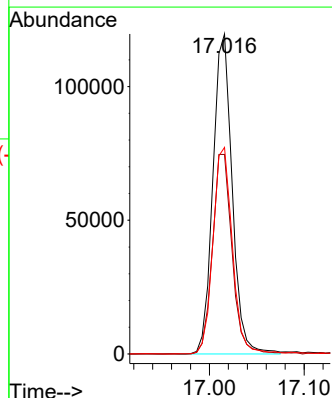
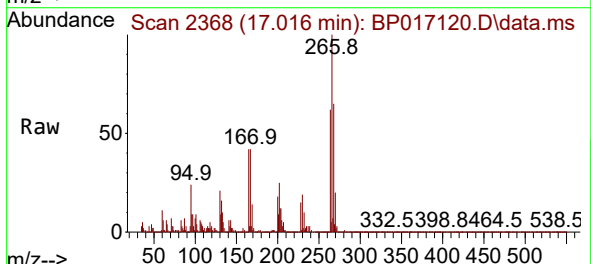
Tgt Ion:266 Resp: 168697

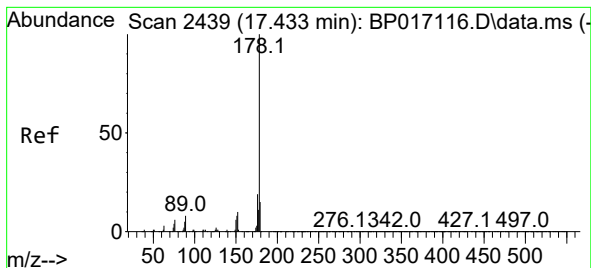
Ion Ratio Lower Upper

266 100

264 62.3 50.7 76.1

268 64.6 51.1 76.7





#72

Phenanthrene

Concen: 21.013 ng/ul

RT: 17.433 min Scan# 2439

Delta R.T. 0.000 min

Lab File: BP017120.D

Acq: 12 Sep 2023 16:56

Instrument :

BNA_P

ClientSampleId :

SICV616

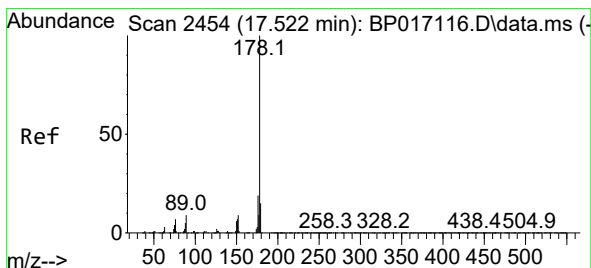
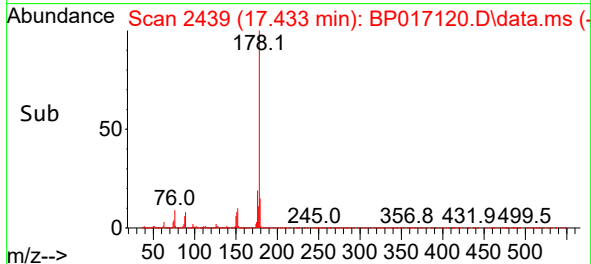
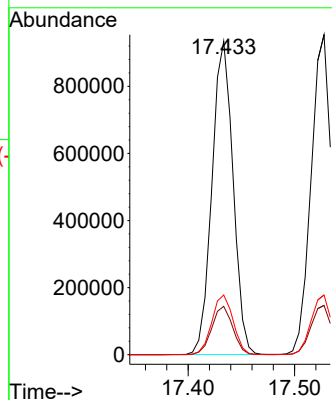
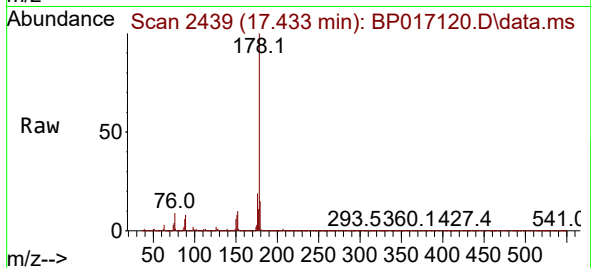
Tgt Ion:178 Resp: 1283748

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

176 19.0 15.6 23.4



#74

Anthracene

Concen: 21.211 ng/ul

RT: 17.528 min Scan# 2455

Delta R.T. 0.006 min

Lab File: BP017120.D

Acq: 12 Sep 2023 16:56

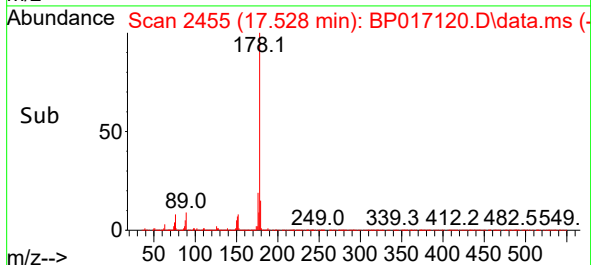
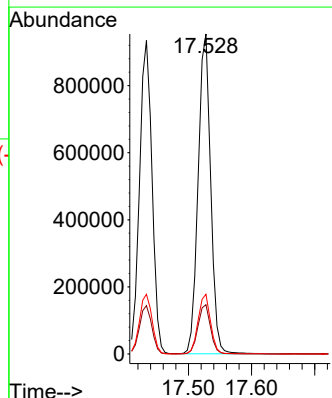
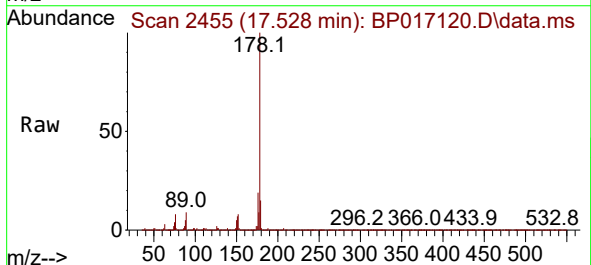
Tgt Ion:178 Resp: 1312478

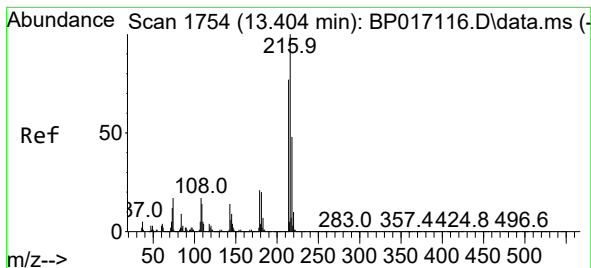
Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

176 18.7 14.9 22.3





#75

1,2,3,4-Tetrachlorobenzene

Concen: 21.274 ng/uL

RT: 13.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP017120.D

Acq: 12 Sep 2023 16:56

Instrument :

BNA_P

ClientSampleId :

SICV616

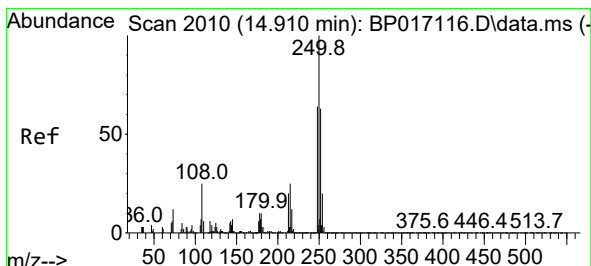
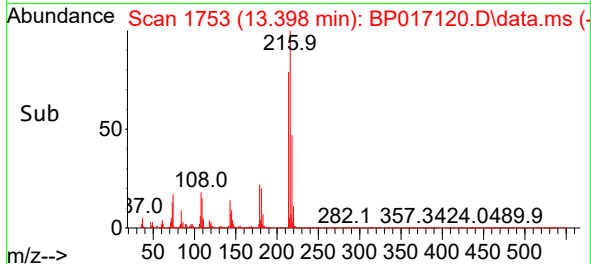
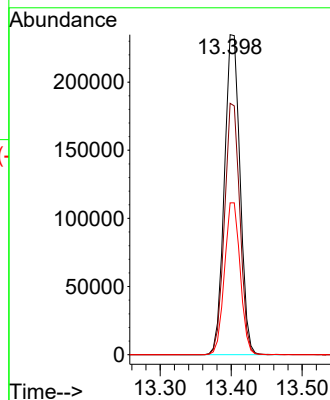
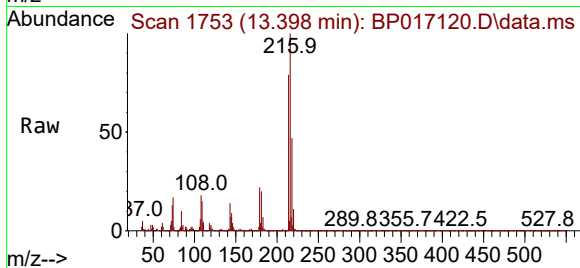
Tgt Ion:216 Resp: 357589

Ion Ratio Lower Upper

216 100

214 78.6 61.3 91.9

218 47.5 38.3 57.5



#76

Pentachlorobenzene

Concen: 21.184 ng/uL

RT: 14.910 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BP017120.D

Acq: 12 Sep 2023 16:56

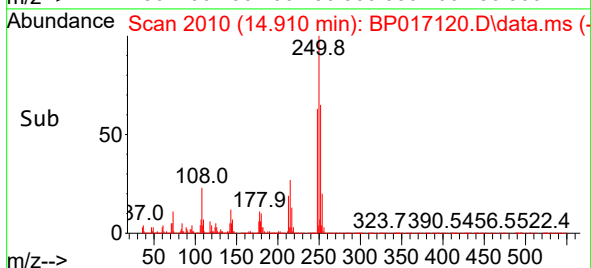
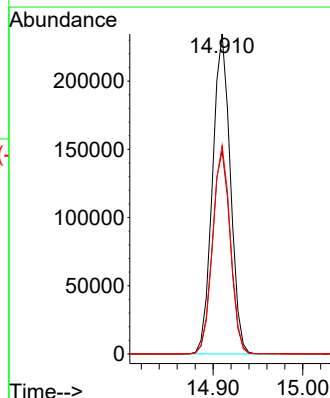
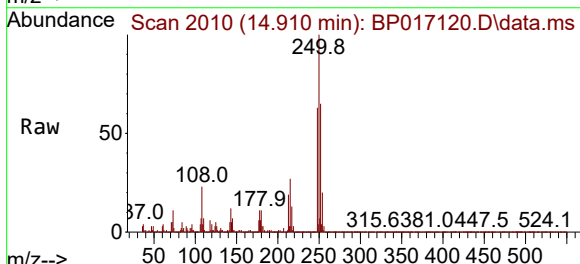
Tgt Ion:250 Resp: 323107

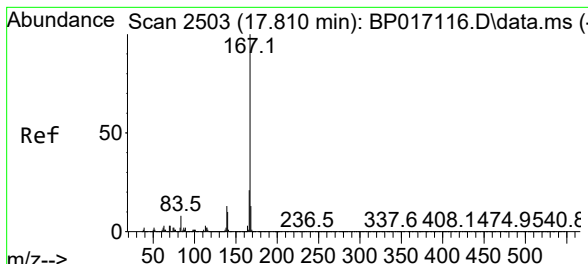
Ion Ratio Lower Upper

250 100

248 63.4 51.1 76.7

252 65.2 50.7 76.1



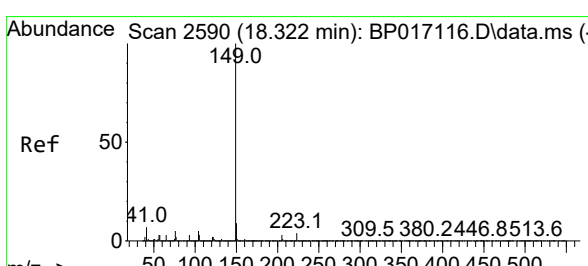
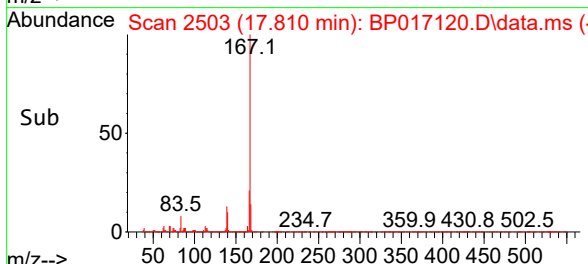
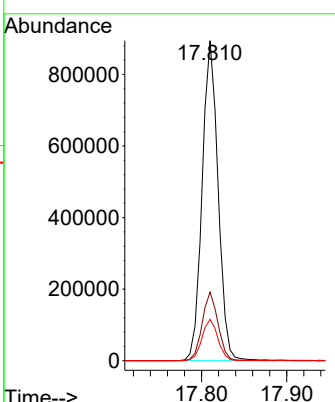
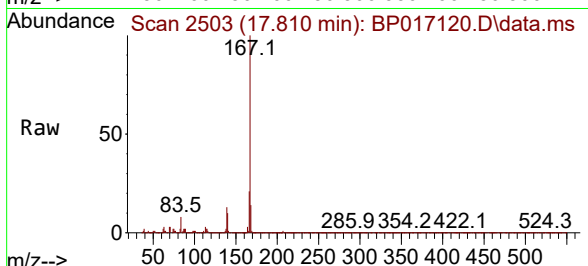


#77
 Carbazole
 Concen: 21.356 ng/ul
 RT: 17.810 min Scan# 2503
 Delta R.T. 0.000 min
 Lab File: BP017120.D
 Acq: 12 Sep 2023 16:56

Instrument :
 BNA_P
 ClientSampleId :
 SICV616

Tgt Ion:167 Resp: 1160322

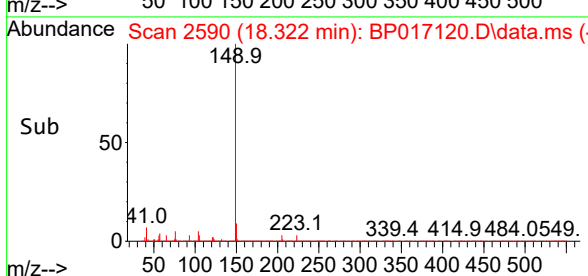
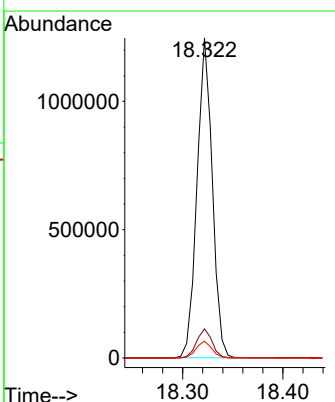
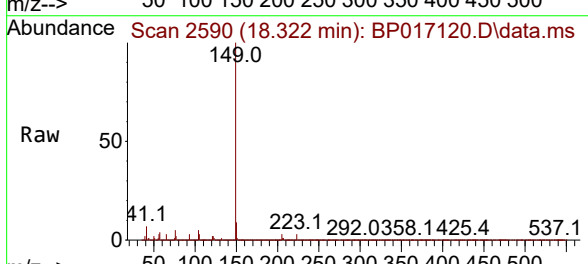
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.6
139	12.9	10.4	15.6

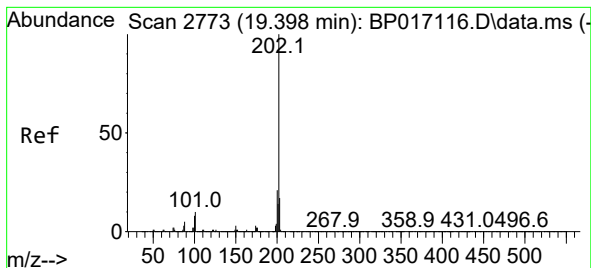


#78
 Di-n-butylphthalate
 Concen: 21.375 ng/ul
 RT: 18.322 min Scan# 2590
 Delta R.T. 0.000 min
 Lab File: BP017120.D
 Acq: 12 Sep 2023 16:56

Tgt Ion:149 Resp: 1323384

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.2	10.8
104	5.3	4.2	6.4





#80

Fluoranthene

Concen: 21.534 ng/ul

RT: 19.398 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP017120.D

Acq: 12 Sep 2023 16:56

Instrument :

BNA_P

ClientSampleId :

SICV616

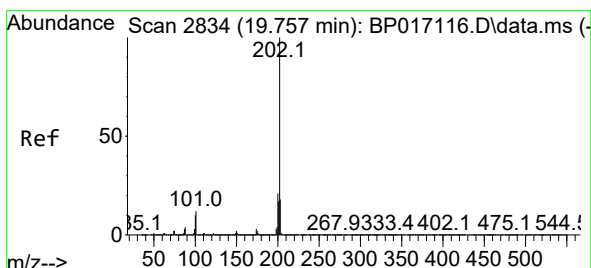
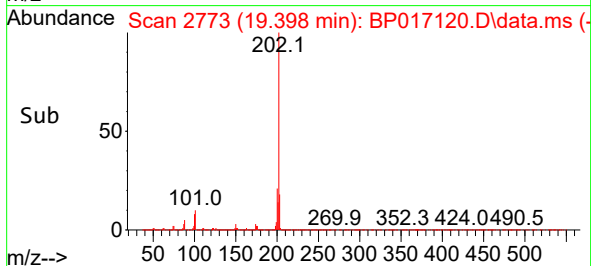
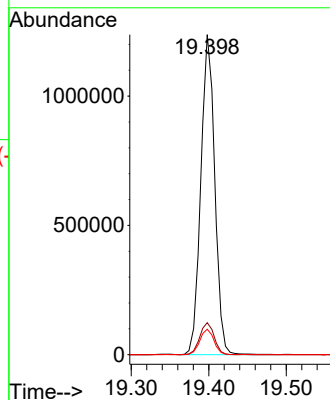
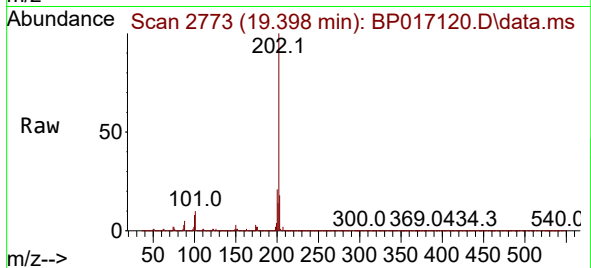
Tgt Ion:202 Resp: 1543424

Ion Ratio Lower Upper

202 100

101 10.0 8.3 12.5

100 8.0 6.4 9.6



#82

Pyrene

Concen: 21.526 ng/ul

RT: 19.757 min Scan# 2834

Delta R.T. 0.000 min

Lab File: BP017120.D

Acq: 12 Sep 2023 16:56

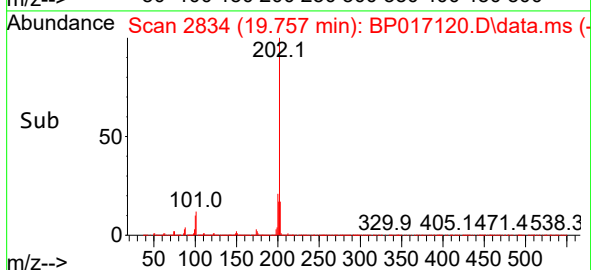
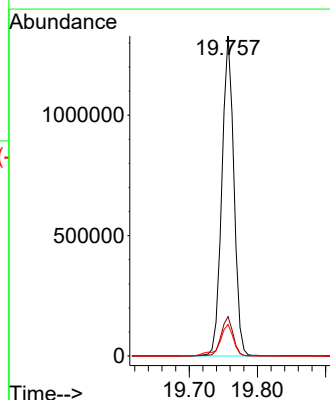
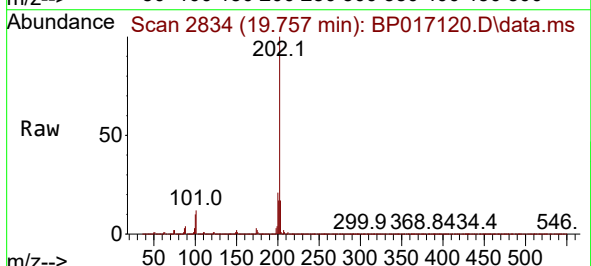
Tgt Ion:202 Resp: 1630185

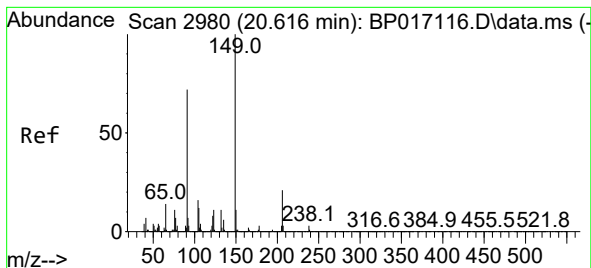
Ion Ratio Lower Upper

202 100

101 12.3 9.7 14.5

100 9.8 7.8 11.8





#83

Butylbenzylphthalate

Concen: 21.722 ng/ul

RT: 20.616 min Scan# 2980

Delta R.T. 0.000 min

Lab File: BP017120.D

Acq: 12 Sep 2023 16:56

Instrument :

BNA_P

ClientSampleId :

SICV616

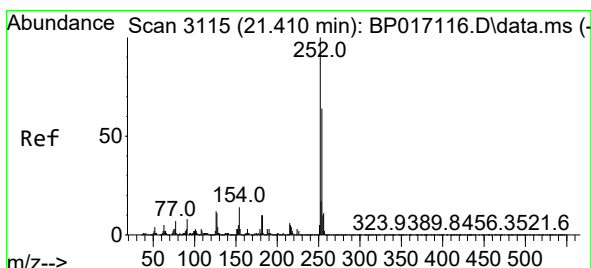
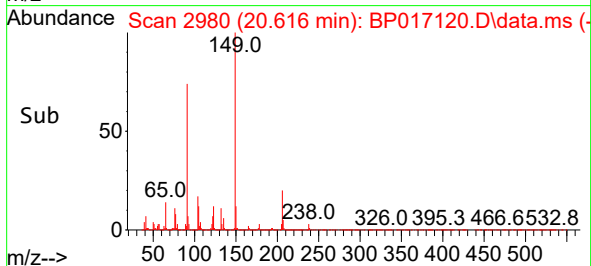
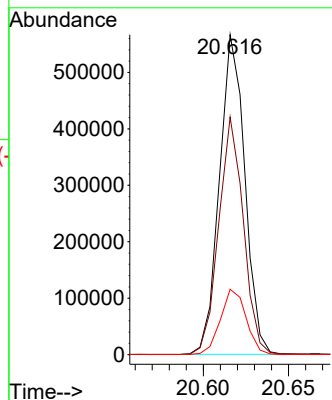
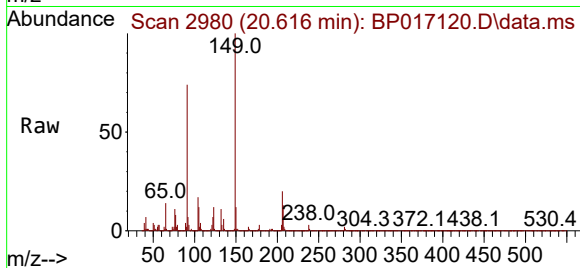
Tgt Ion:149 Resp: 586699

Ion Ratio Lower Upper

149 100

91 74.2 57.4 86.0

206 20.4 16.7 25.1



#84

3,3'-Dichlorobenzidine

Concen: 20.995 ng/ul

RT: 21.416 min Scan# 3116

Delta R.T. 0.006 min

Lab File: BP017120.D

Acq: 12 Sep 2023 16:56

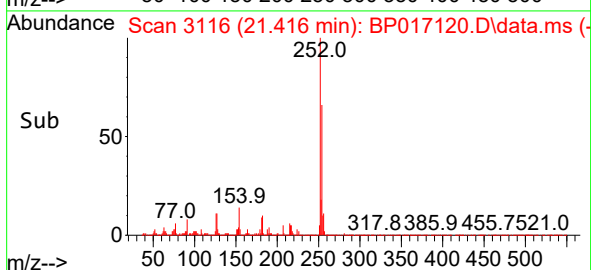
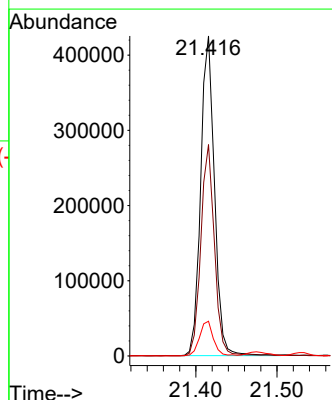
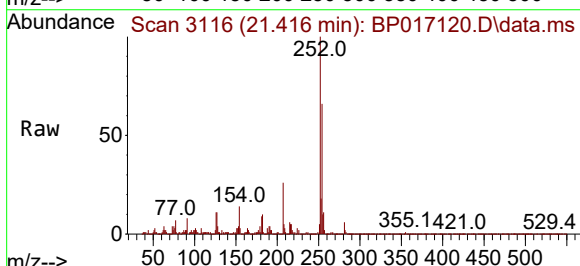
Tgt Ion:252 Resp: 503261

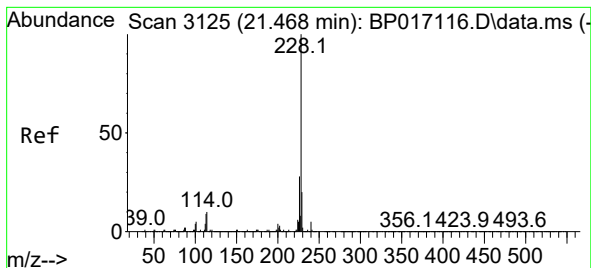
Ion Ratio Lower Upper

252 100

254 66.1 51.4 77.2

126 10.9 9.4 14.2





#85

Benzo(a)anthracene

Concen: 21.212 ng/ul

RT: 21.474 min Scan# 3125

Delta R.T. 0.006 min

Lab File: BP017120.D

Acq: 12 Sep 2023 16:56

Instrument :

BNA_P

ClientSampleId :

SICV616

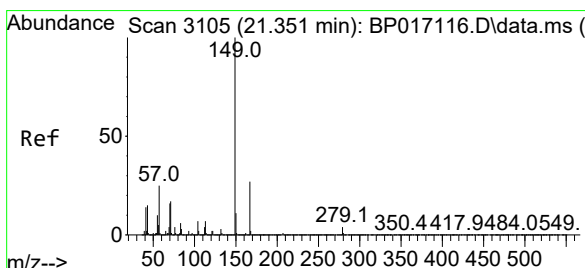
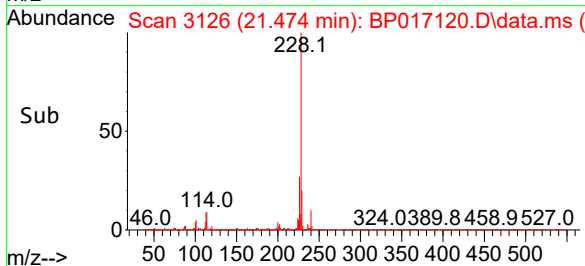
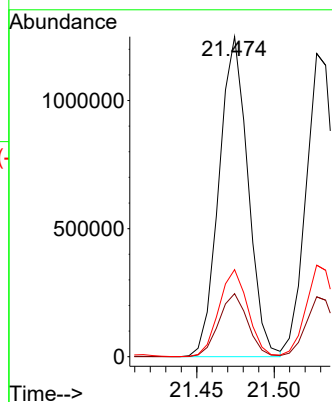
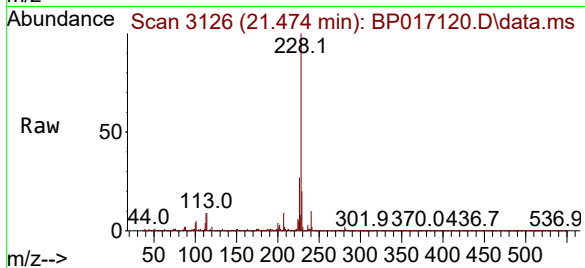
Tgt Ion:228 Resp: 1623881

Ion Ratio Lower Upper

228 100

229 19.7 16.1 24.1

226 27.2 22.2 33.4



#86

Bis(2-ethylhexyl)phthalate

Concen: 21.602 ng/ul

RT: 21.351 min Scan# 3105

Delta R.T. 0.000 min

Lab File: BP017120.D

Acq: 12 Sep 2023 16:56

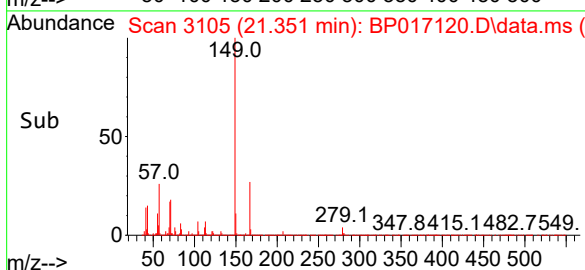
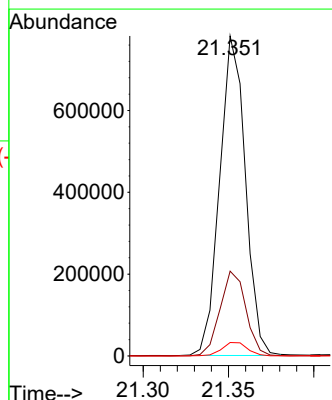
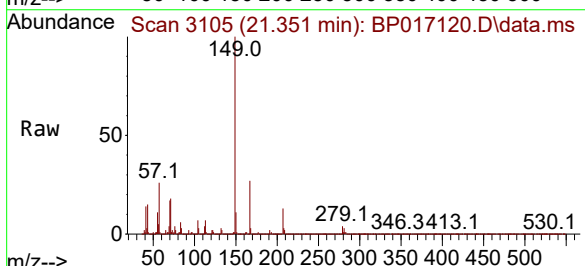
Tgt Ion:149 Resp: 819046

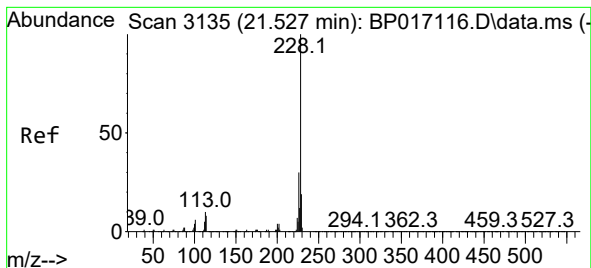
Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

279 4.2 3.4 5.2





#87

Chrysene

Concen: 21.320 ng/ul

RT: 21.527 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP017120.D

Acq: 12 Sep 2023 16:56

Instrument :

BNA_P

ClientSampleId :

SICV616

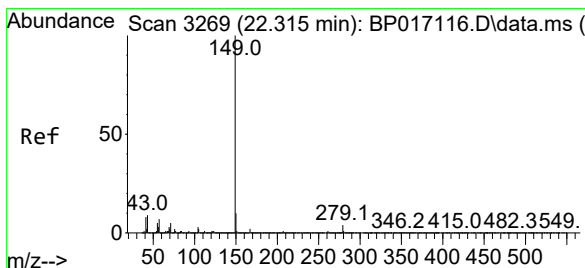
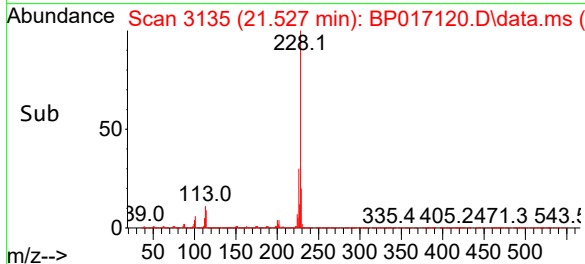
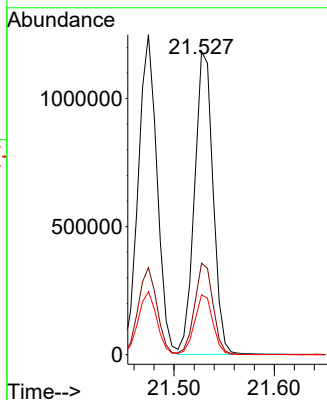
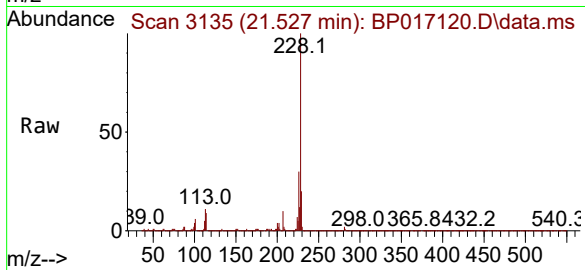
Tgt Ion:228 Resp: 1518292

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

229 19.7 15.3 22.9



#89

Di-n-octyl phthalate

Concen: 20.108 ng/ul

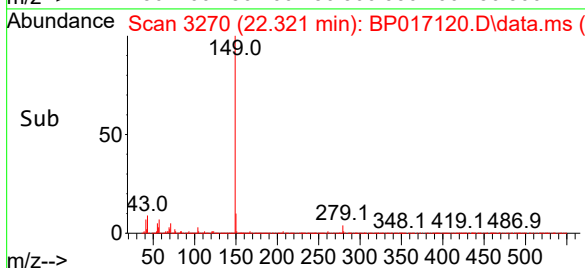
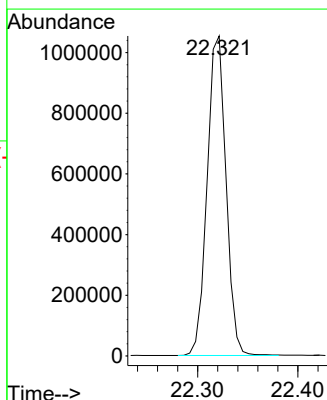
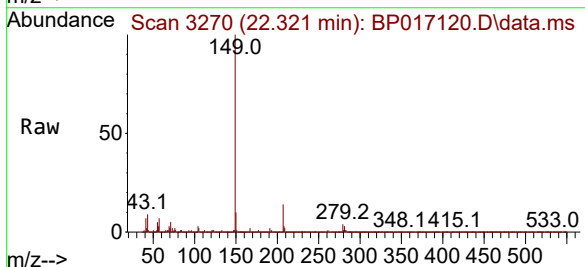
RT: 22.321 min Scan# 3270

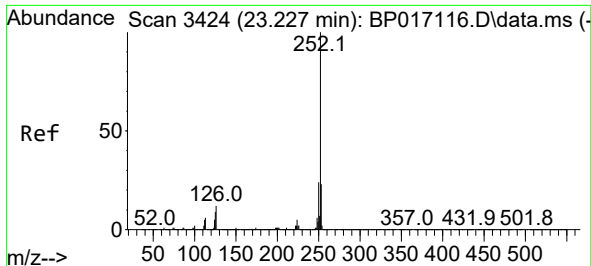
Delta R.T. 0.006 min

Lab File: BP017120.D

Acq: 12 Sep 2023 16:56

Tgt Ion:149 Resp: 1379507

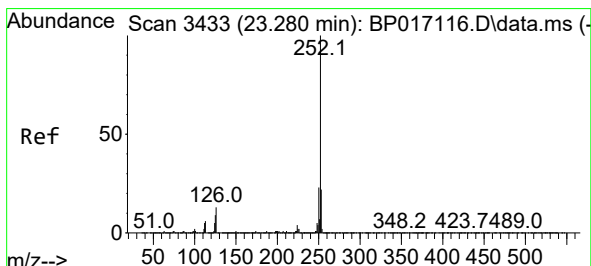
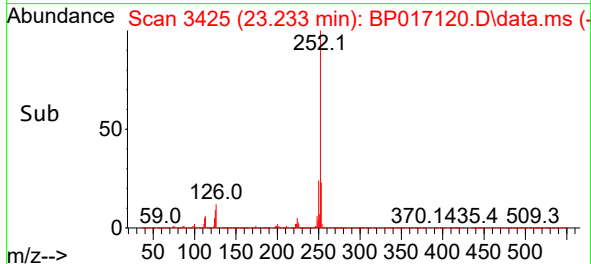
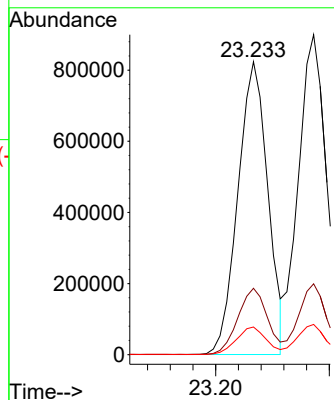
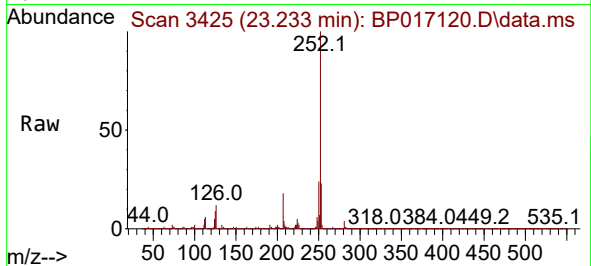




#90
Benzo(b)fluoranthene
Concen: 20.630 ng/ul
RT: 23.233 min Scan# 3424
Delta R.T. 0.006 min
Lab File: BP017120.D
Acq: 12 Sep 2023 16:56

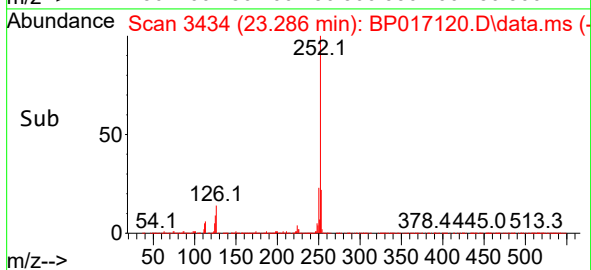
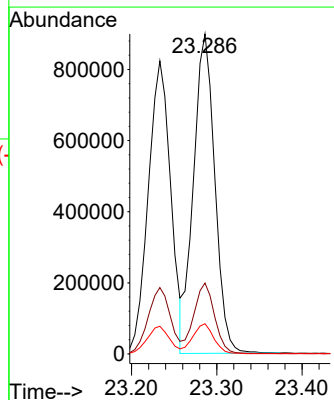
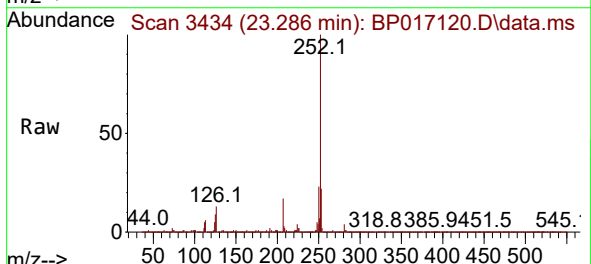
Instrument :
BNA_P
ClientSampleId :
SICV616

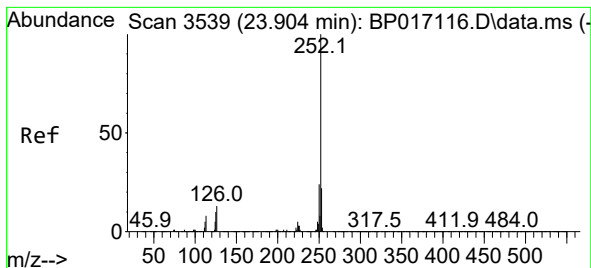
Tgt Ion:252 Resp: 1504568
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 9.4 7.5 11.3



#91
Benzo(k)fluoranthene
Concen: 21.527 ng/ul
RT: 23.286 min Scan# 3434
Delta R.T. 0.006 min
Lab File: BP017120.D
Acq: 12 Sep 2023 16:56

Tgt Ion:252 Resp: 1560773
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 9.4 7.4 11.2





#93

Benzo(a)pyrene

Concen: 21.166 ng/ul

RT: 23.904 min Scan# 3539

Delta R.T. 0.000 min

Lab File: BP017120.D

Acq: 12 Sep 2023 16:56

Instrument :

BNA_P

ClientSampleId :

SICV616

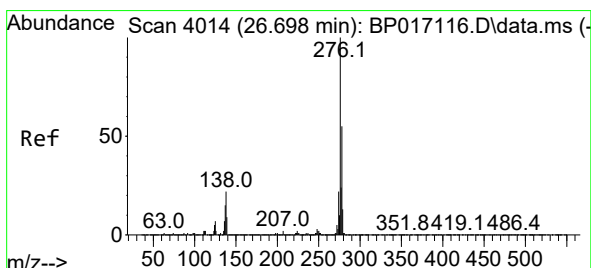
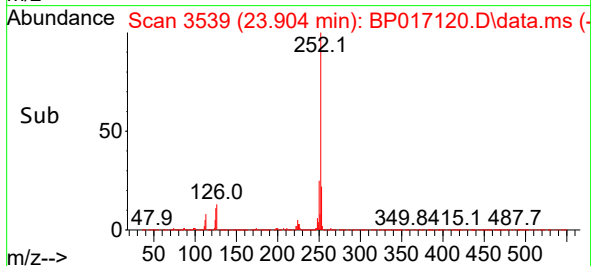
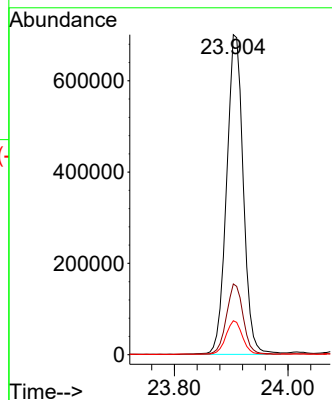
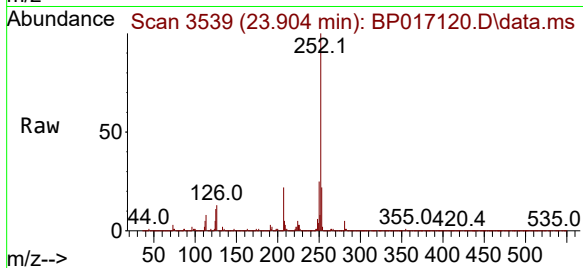
Tgt Ion:252 Resp: 1432127

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 10.6 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 21.386 ng/ul

RT: 26.704 min Scan# 4015

Delta R.T. 0.006 min

Lab File: BP017120.D

Acq: 12 Sep 2023 16:56

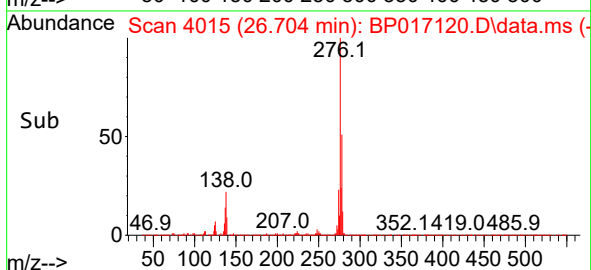
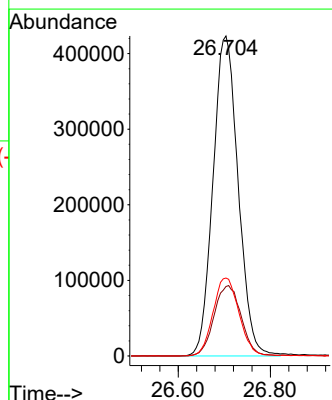
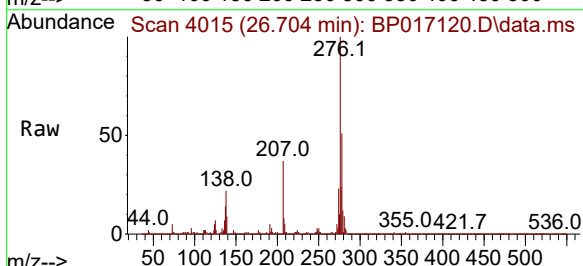
Tgt Ion:276 Resp: 1602334

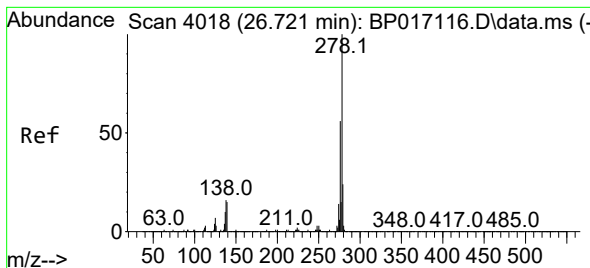
Ion Ratio Lower Upper

276 100

138 21.7 17.5 26.3

277 24.4 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 21.365 ng/ul

RT: 26.727 min Scan# 4018

Delta R.T. 0.006 min

Lab File: BP017120.D

Acq: 12 Sep 2023 16:56

Instrument :

BNA_P

ClientSampleId :

SICV616

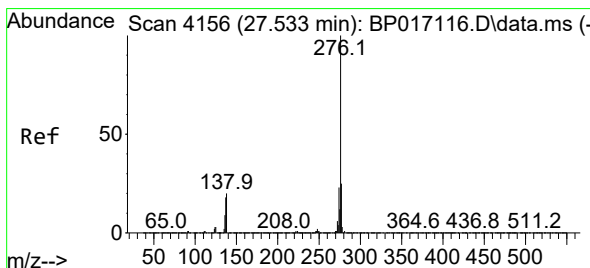
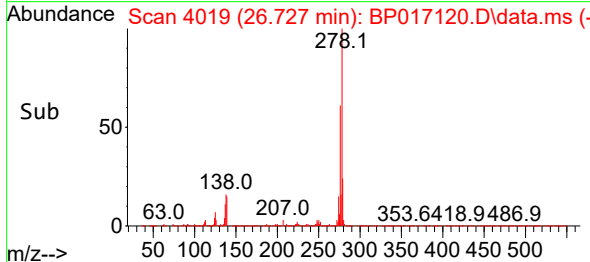
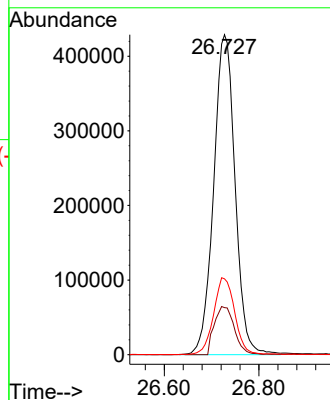
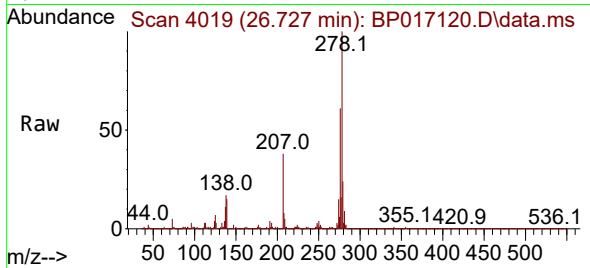
Tgt Ion:278 Resp: 1344672

Ion Ratio Lower Upper

278 100

139 14.7 11.9 17.9

279 23.7 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 21.468 ng/ul

RT: 27.533 min Scan# 4156

Delta R.T. 0.000 min

Lab File: BP017120.D

Acq: 12 Sep 2023 16:56

Tgt Ion:276 Resp: 1243760

Ion Ratio Lower Upper

276 100

138 21.3 16.2 24.4

277 23.4 19.6 29.4

