

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
 Data File : BP017897.D
 Acq On : 02 Nov 2023 21:10
 Operator : MA/JU
 Sample : 05060-16
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKH3MS

Quant Time: Nov 02 23:39:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 01:32:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	165975	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.704	136	616931	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.575	164	347567	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.369	188	681759	20.000	ng/ul	0.00
79) Chrysene-d12	21.516	240	550379	20.000	ng/ul	0.00
88) Perylene-d12	24.080	264	602428	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	8219	1.842	ng/uL	0.01
4) Pyridine-d5	3.693	84	329	0.028	ng/ul	0.00
7) Phenol-d5	7.040	99	155114	11.231	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	99895	11.711	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.399	132	130426	11.578	ng/ul	-0.01
15) 4-Methylphenol-d8	8.604	113	100308	9.248	ng/ul	0.00
21) Nitrobenzene-d5	9.081	128	64793	12.961	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.799	143	71066	12.866	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.493	165	193	0.018	ng/ul	0.15
31) 4-Chloroaniline-d4	10.881	131	99828	7.040	ng/ul	-0.01
46) Dimethylphthalate-d6	13.992	166	370408	12.695	ng/ul	-0.01
49) Acenaphthylene-d8	14.269	160	407282	12.517	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.828	143	40861	9.829	ng/ul	0.00
60) Fluorene-d10	15.581	176	317461	12.587	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.734	200	37384	8.325	ng/ul	0.00
73) Anthracene-d10	17.469	188	471317	13.528	ng/ul	0.00
81) Pyrene-d10	19.727	212	520461	15.083	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.904	264	449722	13.403	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	23925	5.056	ng/uL#	91
6) Benzaldehyde	7.040	77	133410	17.956	ng/ul	95
8) Phenol	7.069	94	216789	15.919	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.316	93	172379	15.172	ng/ul	96
12) 2-Chlorophenol	7.434	128	175411	15.504	ng/ul	98
13) 2-Methylphenol	8.328	108	126217	12.281	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.387	45	134588	9.624	ng/ul	98
16) Acetophenone	8.734	105	344003	20.174	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.699	70	122711	15.172	ng/ul	98
18) 4-Methylphenol	8.669	108	143641	13.161	ng/ul	96
19) Hexachloroethane	8.934	117	82062	15.785	ng/ul	90
22) Nitrobenzene	9.128	77	217920	17.507	ng/ul	98
23) Isophorone	9.640	82	381413	17.136	ng/ul	99
25) 2-Nitrophenol	9.828	139	95729	16.237	ng/ul#	86
26) 2,4-Dimethylphenol	9.875	107	47420	4.098	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.128	93	218437	15.867	ng/ul	98
29) 2,4-Dichlorophenol	10.357	162	160332	15.475	ng/ul	95
30) Naphthalene	10.757	128	552423	15.560	ng/ul	100
32) 4-Chloroaniline	10.910	127	139120	10.246	ng/ul	99
33) Hexachlorobutadiene	10.981	225	123571	14.689	ng/ul	97
34) Caprolactam	11.740	113	47245	17.709	ng/ul	97
35) 4-Chloro-3-methylphenol	12.022	107	162752	16.685	ng/ul	93
36) 2-Methylnaphthalene	12.375	142	370669	15.456	ng/ul	100
37) 1-Methylnaphthalene	12.598	142	363879	14.836	ng/ul	97

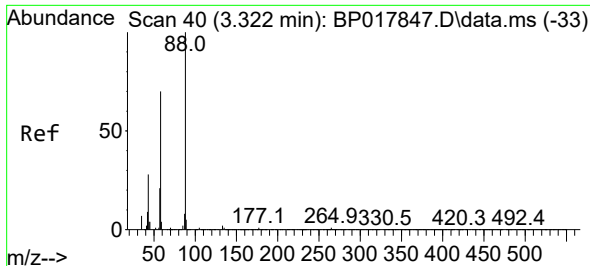
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.728	216	203802	15.846	ng/ul#	97
40) Hexachlorocyclopentadiene	12.669	237	28463	3.852	ng/ul	95
41) 2,4,6-Trichlorophenol	12.993	196	129718	16.806	ng/ul	96
42) 2,4,5-Trichlorophenol	13.069	196	141416	17.721	ng/ul	98
43) 1,1'-Biphenyl	13.398	154	484546	16.922	ng/ul	99
44) 2-Chloronaphthalene	13.445	162	386154	16.682	ng/ul	95
45) 2-Nitroaniline	13.698	65	114307	21.731	ng/ul	92
47) Dimethylphthalate	14.040	163	479486	16.674	ng/ul	99
48) 2,6-Dinitrotoluene	14.192	165	97224	18.369	ng/ul	91
50) Acenaphthylene	14.298	152	607594	16.670	ng/ul	100
51) 3-Nitroaniline	14.539	138	76218	15.141	ng/ul	96
52) Acenaphthene	14.639	153	411498	16.701	ng/ul	100
53) 2,4-Dinitrophenol	14.757	184	25058	8.434	ng/ul	90
55) 4-Nitrophenol	14.845	109	79208	17.998	ng/ul#	83
56) Dibenzofuran	14.981	168	560321	16.197	ng/ul	90
57) 2,4-Dinitrotoluene	14.986	165	142304	18.217	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.204	232	112977	15.954	ng/ul#	88
59) Diethylphthalate	15.404	149	495375	17.842	ng/ul	99
61) Fluorene	15.639	166	468337	16.481	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.628	204	236067	15.630	ng/ul	91
63) 4-Nitroaniline	15.716	138	74559	16.421	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.745	198	55152	11.466	ng/ul#	81
67) N-Nitrosodiphenylamine	15.863	169	378878	18.344	ng/ul	99
68) 4-Bromophenyl-phenylether	16.539	248	139997	17.550	ng/ul#	86
69) Hexachlorobenzene	16.622	284	152480	16.650	ng/ul	90
70) Atrazine	16.828	200	143849	18.950	ng/ul	98
71) Pentachlorophenol	16.998	266	78357	14.232	ng/ul	99
72) Phenanthrene	17.410	178	714331	17.886	ng/ul	100
74) Anthracene	17.504	178	736965	18.219	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.351	216	203687	17.806	ng/uL	99
76) Pentachlorobenzene	14.869	250	193473	17.451	ng/uL	98
77) Carbazole	17.798	167	632080	18.489	ng/ul	97
78) Di-n-butylphthalate	18.310	149	839484	21.151	ng/ul	99
80) Fluoranthene	19.398	202	815321	20.565	ng/ul	99
82) Pyrene	19.757	202	835201	19.885	ng/ul	97
83) Butylbenzylphthalate	20.633	149	361811	25.045	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.445	252	116116	9.338	ng/ul#	98
85) Benzo(a)anthracene	21.498	228	778690	18.611	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.374	149	522909	25.930	ng/ul	98
87) Chrysene	21.557	228	735465	18.588	ng/ul	98
89) Di-n-octyl phthalate	22.363	149	875487	22.943	ng/ul	100
90) Benzo(b)fluoranthene	23.280	252	774977	18.902	ng/ul	97
91) Benzo(k)fluoranthene	23.333	252	751730	18.091	ng/ul	99
93) Benzo(a)pyrene	23.962	252	690491	17.939	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.804	276	832583	18.149	ng/ul	97
95) Dibenzo(a,h)anthracene	26.827	278	675435	17.647	ng/ul	98
96) Benzo(g,h,i)perylene	27.656	276	656025	17.749	ng/ul	96

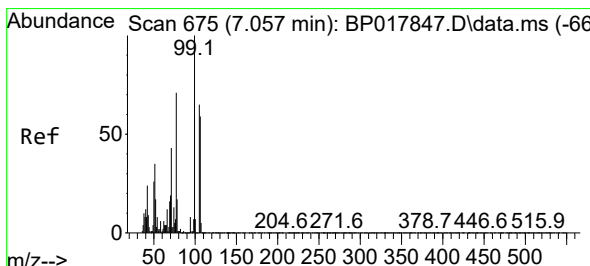
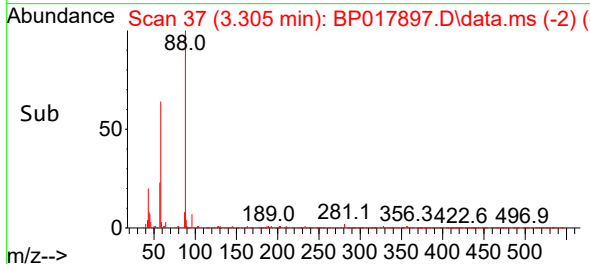
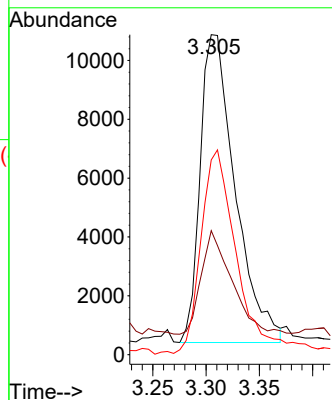
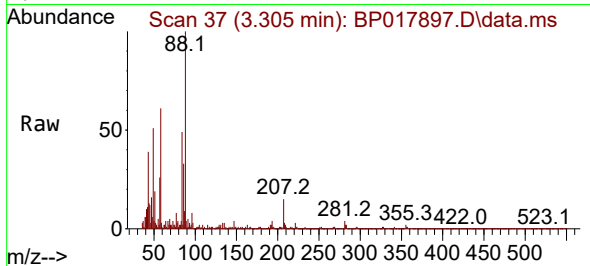
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#2
1,4-Dioxane
Concen: 5.056 ng/uL
RT: 3.305 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP017897.D
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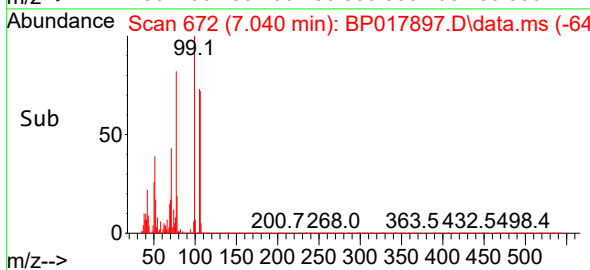
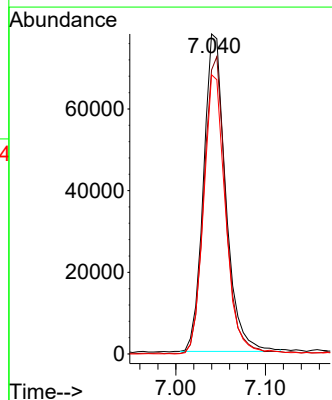
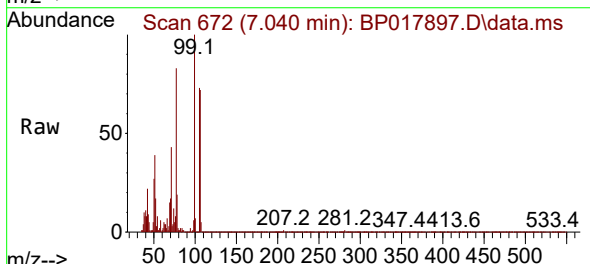
Instrument :
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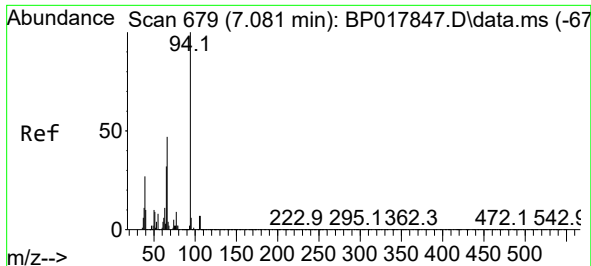
Tgt Ion: 88 Resp: 23925
Ion Ratio Lower Upper
88 100
43 38.7 24.4 36.6#
58 60.9 53.0 79.6



#6
Benzaldehyde
Concen: 17.956 ng/uL
RT: 7.040 min Scan# 672
Delta R.T. -0.012 min
Lab File: BP017897.D
Acq: 02 Nov 2023 21:10

Tgt Ion: 77 Resp: 133410
Ion Ratio Lower Upper
77 100
105 88.8 75.4 113.2
106 87.3 72.3 108.5

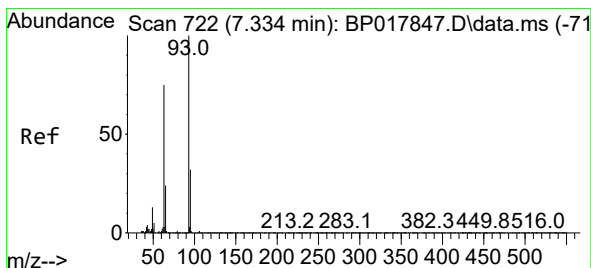
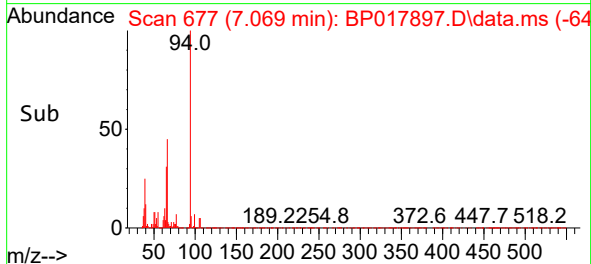
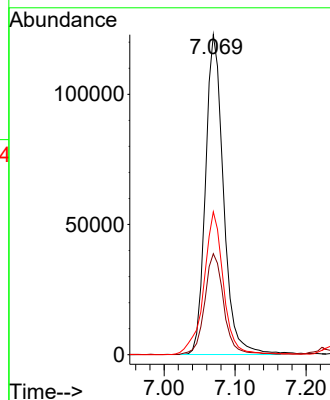
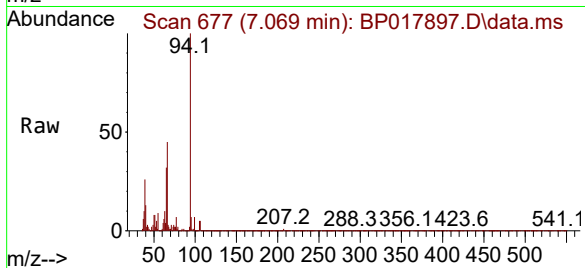




#8
Phenol
Concen: 15.919 ng/ul
RT: 7.069 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP017897.D
Acq: 02 Nov 2023 21:10

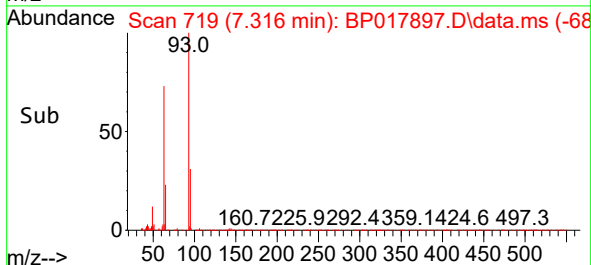
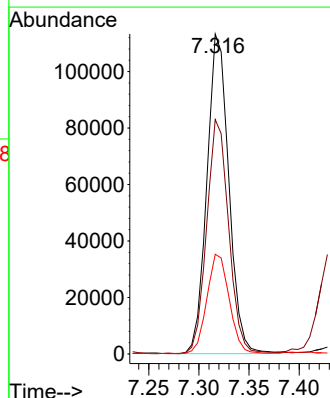
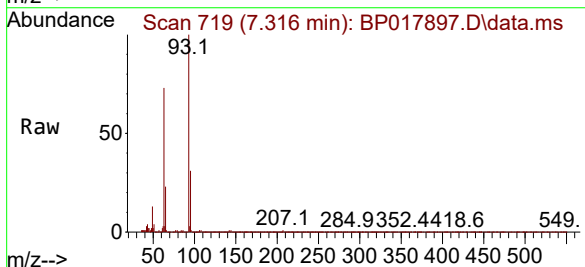
Instrument :
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ClientSampleId :
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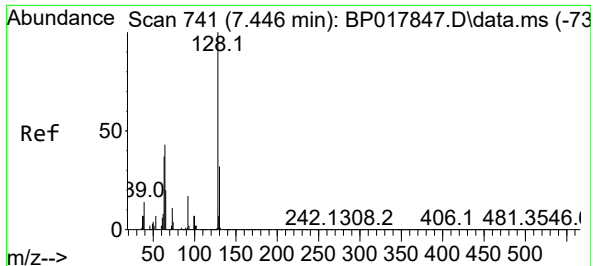
Tgt Ion: 94 Resp: 216789
Ion Ratio Lower Upper
94 100
65 31.5 25.0 37.4
66 44.6 33.0 49.6



#10
Bis(2-Chloroethyl)ether
Concen: 15.172 ng/ul
RT: 7.316 min Scan# 719
Delta R.T. -0.012 min
Lab File: BP017897.D
Acq: 02 Nov 2023 21:10

Tgt Ion: 93 Resp: 172379
Ion Ratio Lower Upper
93 100
63 73.2 60.7 91.1
95 31.2 27.8 41.6

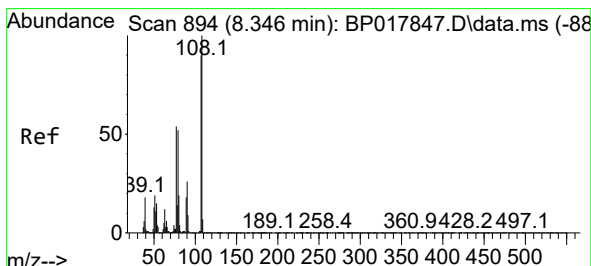
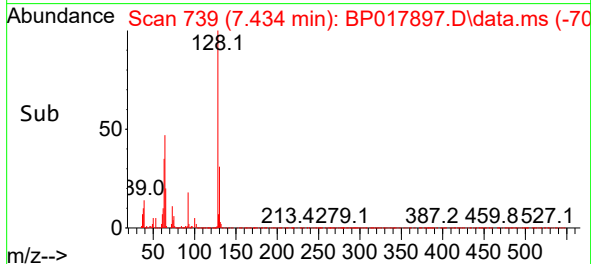
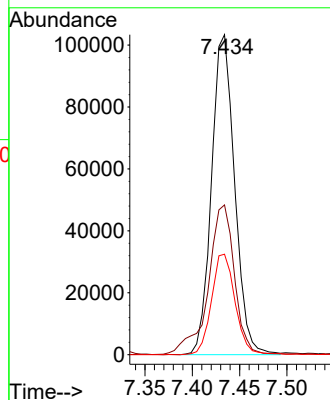
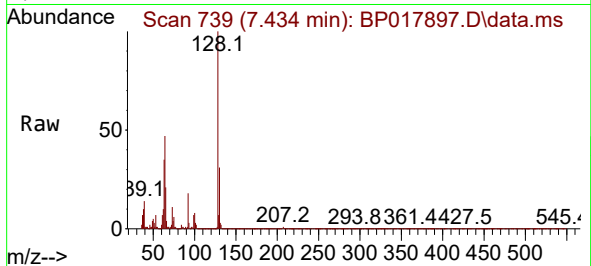




#12
2-Chlorophenol
Concen: 15.504 ng/ul
RT: 7.434 min Scan# 741
Delta R.T. -0.006 min
Lab File: BP017897.D
Acq: 02 Nov 2023 21:10

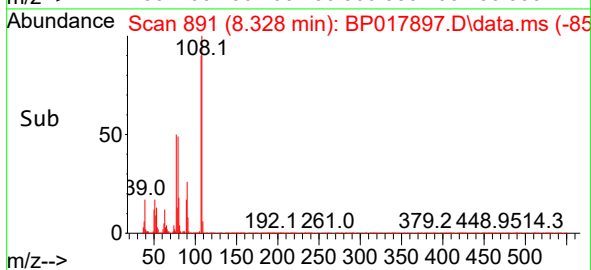
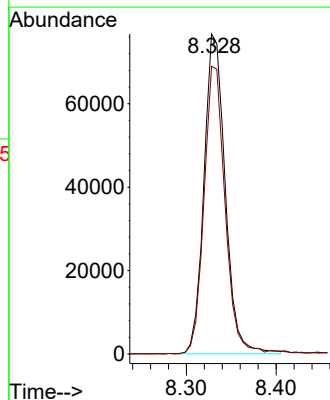
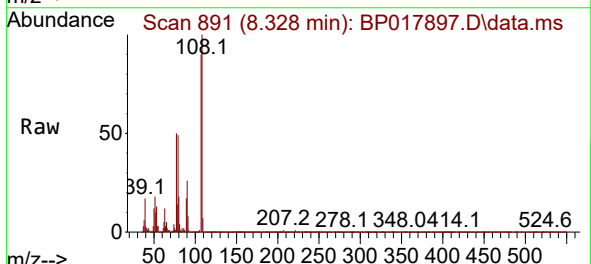
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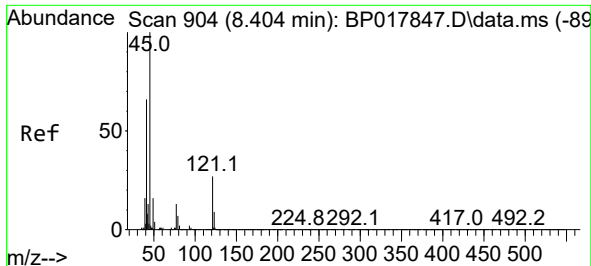
Tgt Ion:128 Resp: 175411
Ion Ratio Lower Upper
128 100
64 46.8 36.7 55.1
130 31.4 26.2 39.2



#13
2-Methylphenol
Concen: 12.281 ng/ul
RT: 8.328 min Scan# 891
Delta R.T. -0.012 min
Lab File: BP017897.D
Acq: 02 Nov 2023 21:10

Tgt Ion:108 Resp: 126217
Ion Ratio Lower Upper
108 100
107 89.9 73.4 110.2

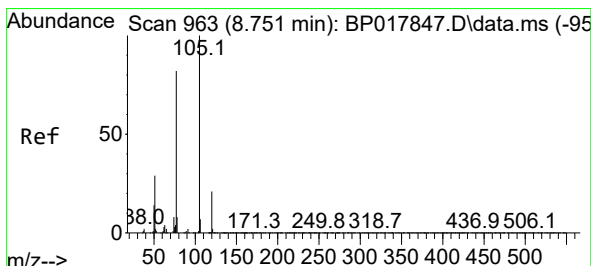
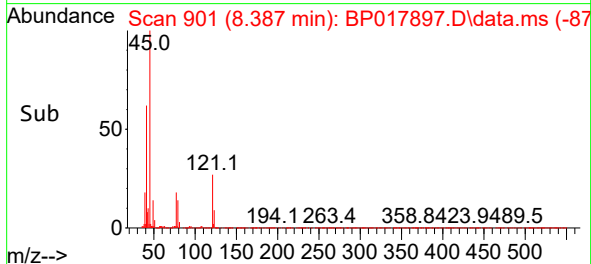
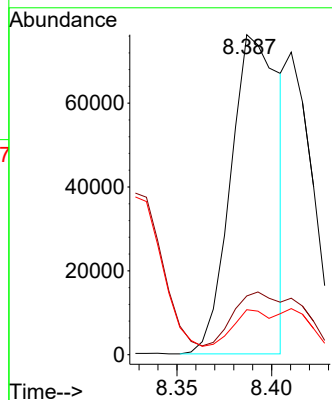
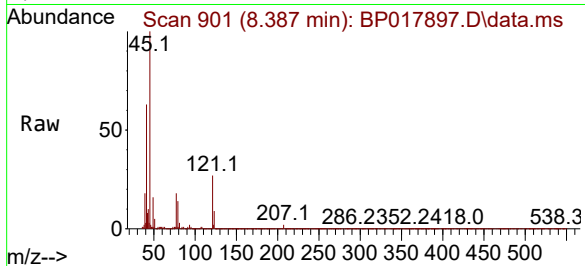




#14
2,2'-oxybis(1-Chloropropane)
Concen: 9.624 ng/ul
RT: 8.387 min Scan# 904
Delta R.T. -0.018 min
Lab File: BP017897.D
Acq: 02 Nov 2023 21:10

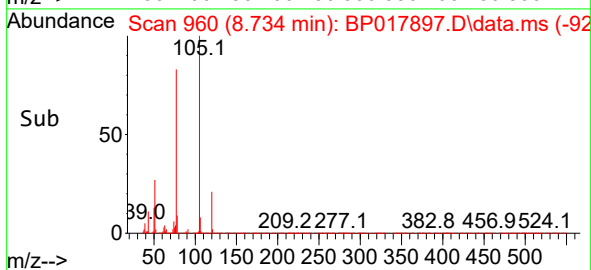
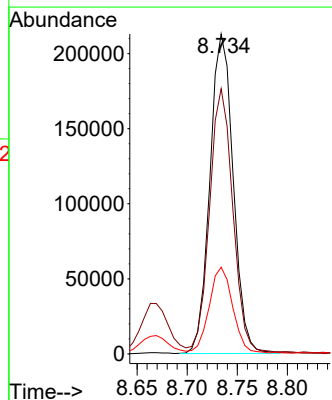
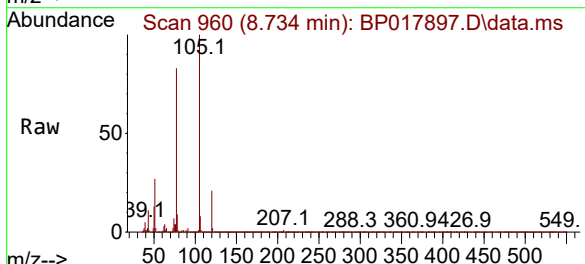
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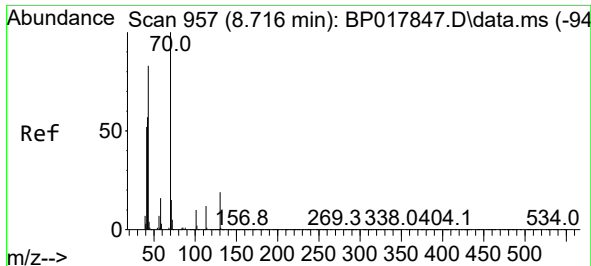
Tgt Ion: 45 Resp: 134588
Ion Ratio Lower Upper
45 100
77 18.4 14.2 21.4
79 14.1 10.3 15.5



#16
Acetophenone
Concen: 20.174 ng/ul
RT: 8.734 min Scan# 960
Delta R.T. -0.012 min
Lab File: BP017897.D
Acq: 02 Nov 2023 21:10

Tgt Ion: 105 Resp: 344003
Ion Ratio Lower Upper
105 100
77 82.9 64.4 96.6
51 27.1 21.2 31.8





#17

N-Nitroso-di-n-propylamine

Concen: 15.172 ng/ul

RT: 8.699 min Scan# 91

Delta R.T. -0.018 min

Lab File: BP017897.D

Acq: 02 Nov 2023 21:10

Instrument :

BNA_P

ClientSampleId :

DCKH3MS

Tgt Ion: 70 Resp: 122711

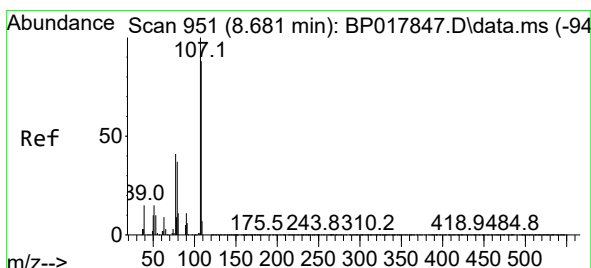
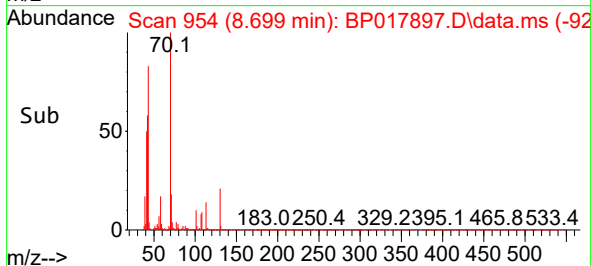
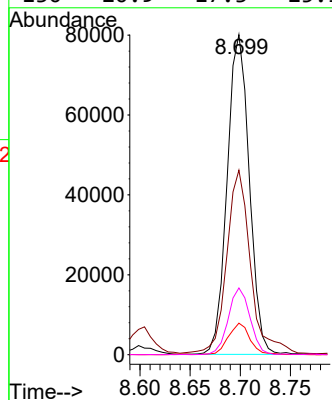
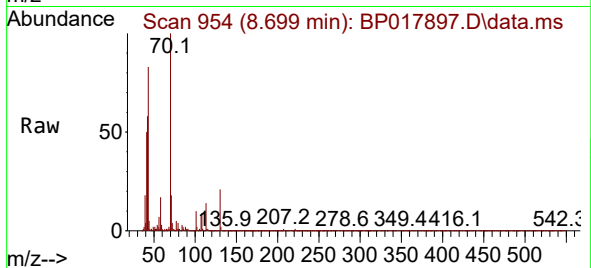
Ion Ratio Lower Upper

70 100

42 57.6 44.6 66.8

101 9.8 7.5 11.3

130 20.9 17.3 25.9



#18

4-Methylphenol

Concen: 13.161 ng/ul

RT: 8.669 min Scan# 949

Delta R.T. -0.006 min

Lab File: BP017897.D

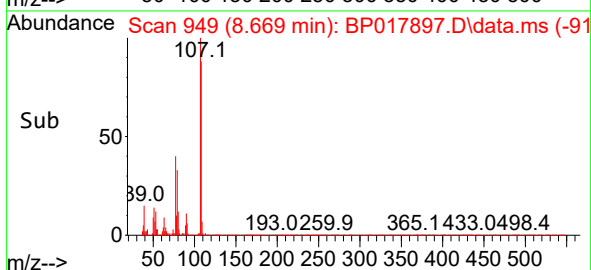
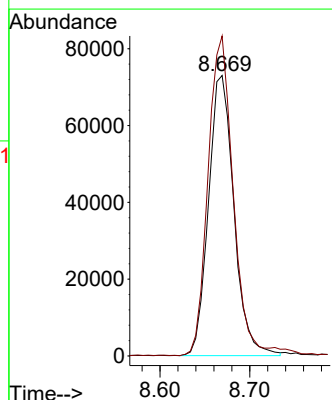
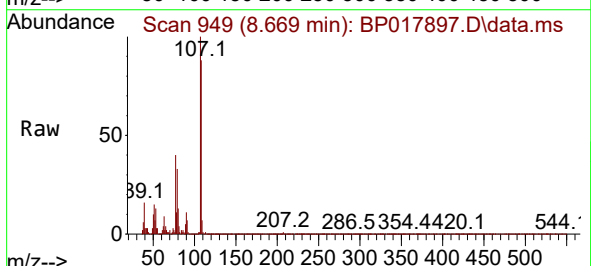
Acq: 02 Nov 2023 21:10

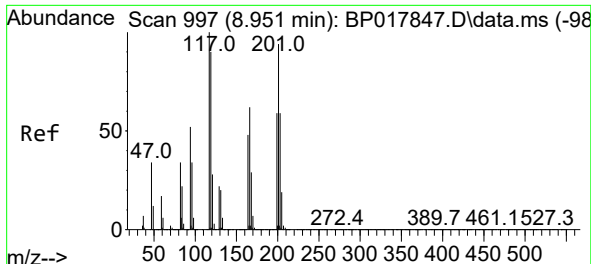
Tgt Ion: 108 Resp: 143641

Ion Ratio Lower Upper

108 100

107 114.1 87.5 131.3





#19

Hexachloroethane

Concen: 15.785 ng/ul

RT: 8.934 min Scan# 994

Delta R.T. -0.018 min

Lab File: BP017897.D

Acq: 02 Nov 2023 21:10

Instrument :

BNA_P

ClientSampleId :

DCKH3MS

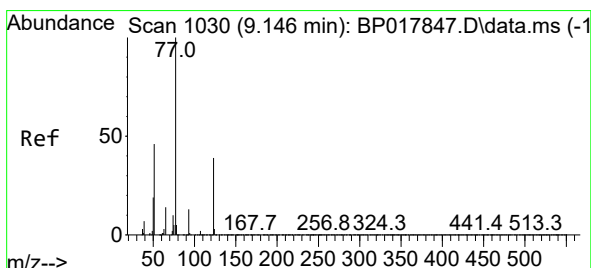
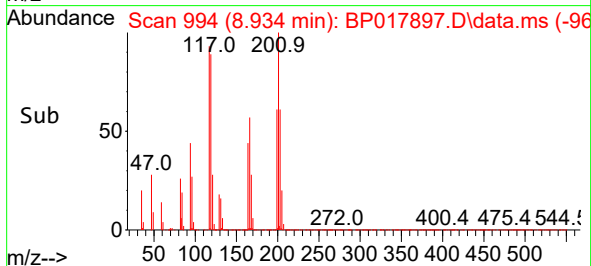
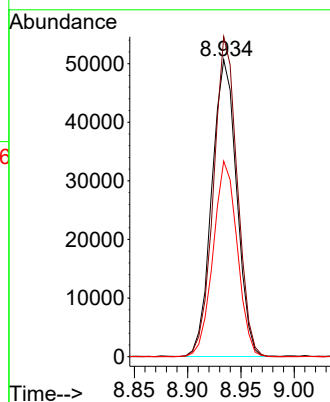
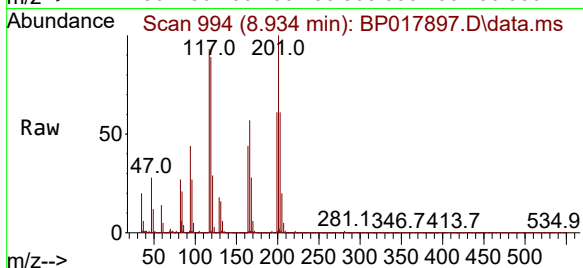
Tgt Ion:117 Resp: 82062

Ion Ratio Lower Upper

117 100

201 107.8 96.3 144.5

199 65.8 57.7 86.5



#22

Nitrobenzene

Concen: 17.507 ng/ul

RT: 9.128 min Scan# 1027

Delta R.T. -0.012 min

Lab File: BP017897.D

Acq: 02 Nov 2023 21:10

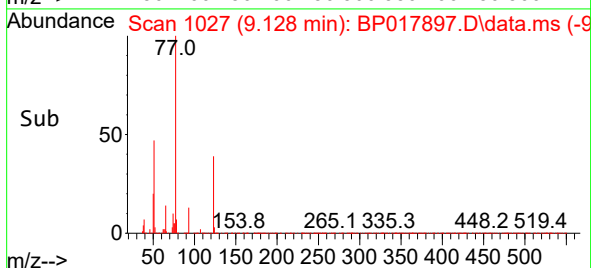
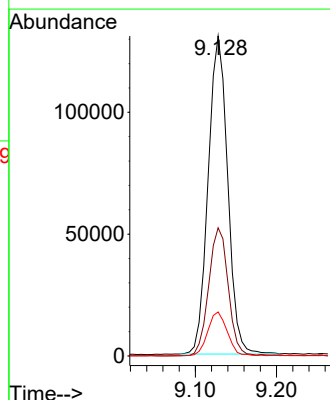
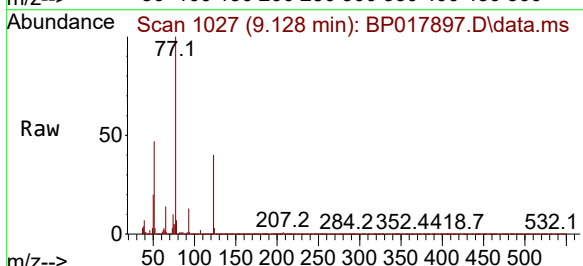
Tgt Ion: 77 Resp: 217920

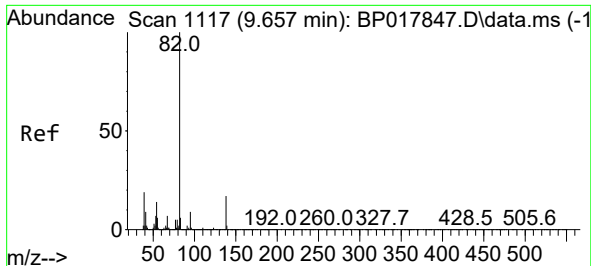
Ion Ratio Lower Upper

77 100

123 40.0 33.5 50.3

65 13.7 10.8 16.2

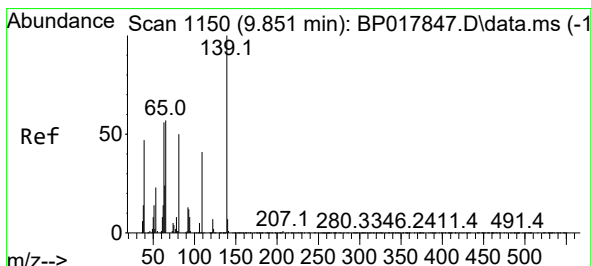
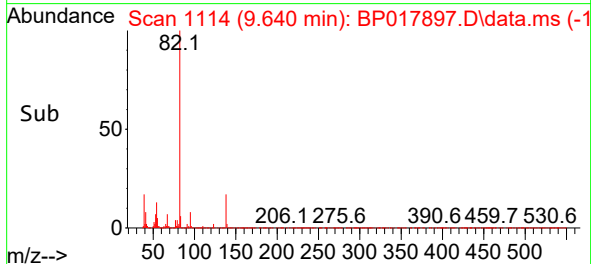
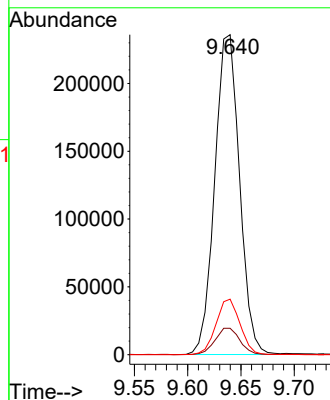
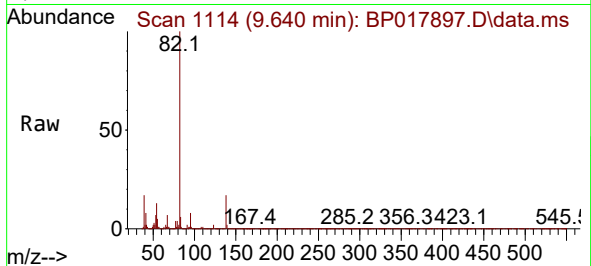




#23
Isophorone
Concen: 17.136 ng/ul
RT: 9.640 min Scan# 1114
Delta R.T. -0.012 min
Lab File: BP017897.D
Acq: 02 Nov 2023 21:10

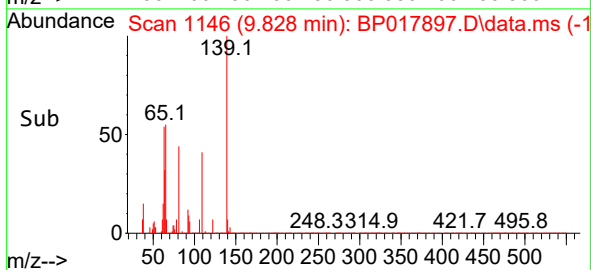
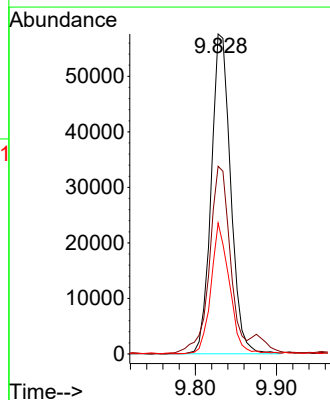
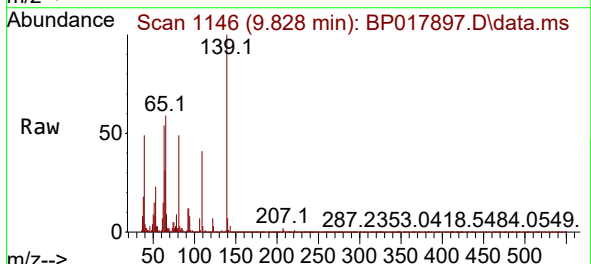
Instrument :
BNA_P
ClientSampleId :
DCKH3MS

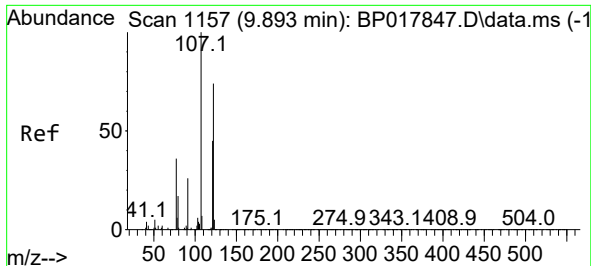
Tgt Ion: 82 Resp: 381413
Ion Ratio Lower Upper
82 100
95 8.3 6.2 9.2
138 17.4 14.4 21.6



#25
2-Nitrophenol
Concen: 16.237 ng/ul
RT: 9.828 min Scan# 1146
Delta R.T. -0.018 min
Lab File: BP017897.D
Acq: 02 Nov 2023 21:10

Tgt Ion: 139 Resp: 95729
Ion Ratio Lower Upper
139 100
65 58.7 40.4 60.6
109 40.9 25.4 38.2

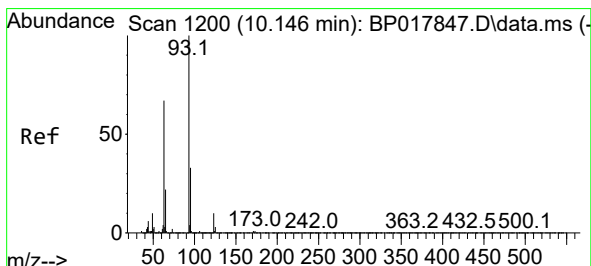
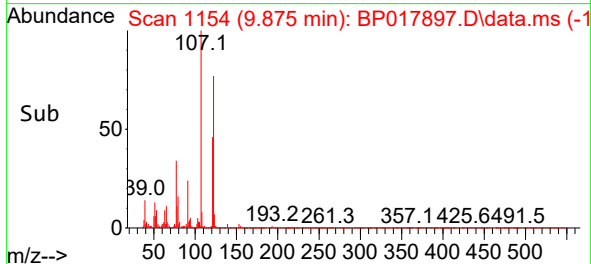
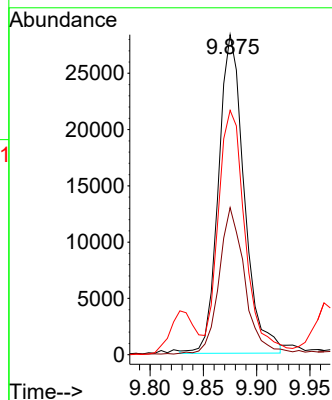
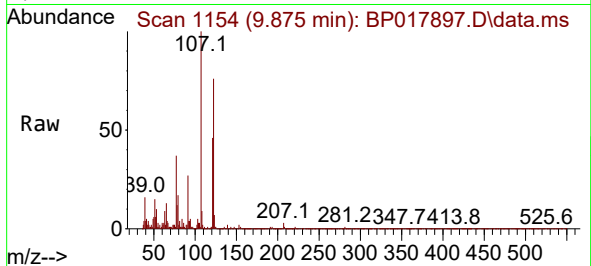




#26
2,4-Dimethylphenol
Concen: 4.098 ng/ul
RT: 9.875 min Scan# 1157
Delta R.T. -0.012 min
Lab File: BP017897.D
Acq: 02 Nov 2023 21:10

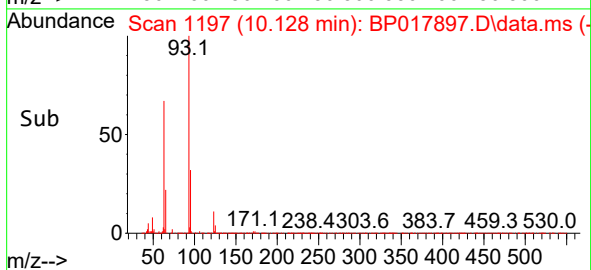
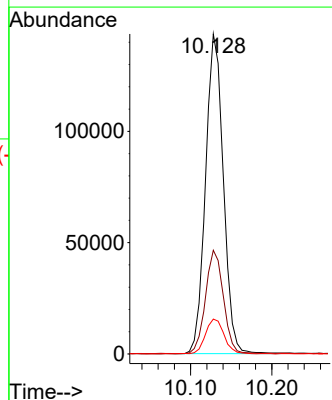
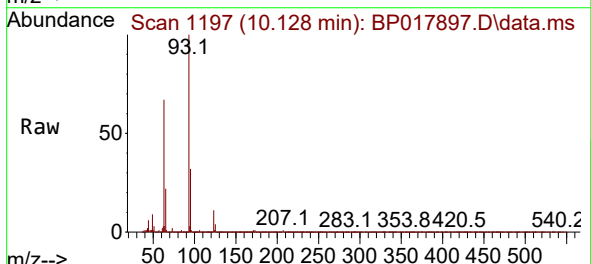
Instrument :
BNA_P
ClientSampleId :
DCKH3MS

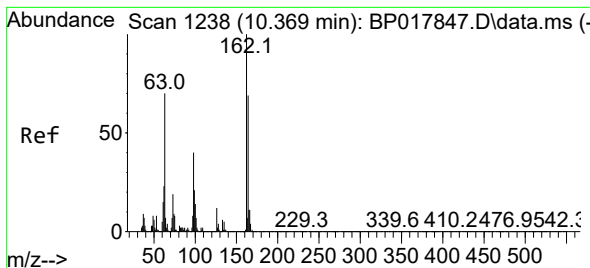
Tgt Ion:107 Resp: 47420
Ion Ratio Lower Upper
107 100
121 45.9 40.6 61.0
122 76.4 66.9 100.3



#27
Bis(2-Chloroethoxy)methane
Concen: 15.867 ng/ul
RT: 10.128 min Scan# 1197
Delta R.T. -0.018 min
Lab File: BP017897.D
Acq: 02 Nov 2023 21:10

Tgt Ion: 93 Resp: 218437
Ion Ratio Lower Upper
93 100
95 32.4 24.7 37.1
123 10.9 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 15.475 ng/ul

RT: 10.357 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP017897.D

Acq: 02 Nov 2023 21:10

Instrument :

BNA_P

ClientSampleId :

DCKH3MS

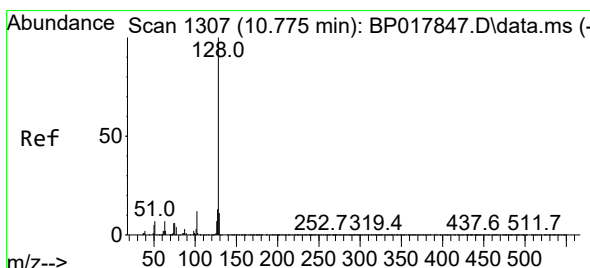
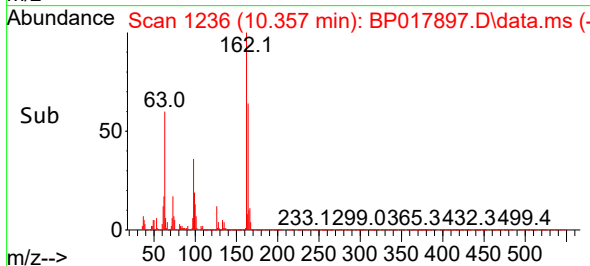
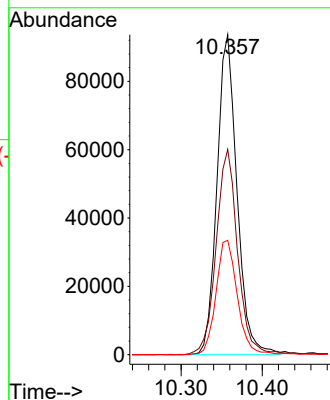
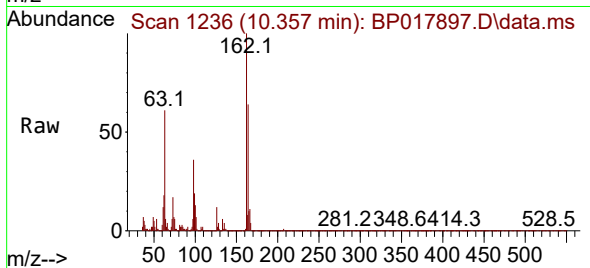
Tgt Ion:162 Resp: 160332

Ion Ratio Lower Upper

162 100

164 64.1 53.8 80.8

98 35.8 25.5 38.3



#30

Naphthalene

Concen: 15.560 ng/ul

RT: 10.757 min Scan# 1304

Delta R.T. -0.018 min

Lab File: BP017897.D

Acq: 02 Nov 2023 21:10

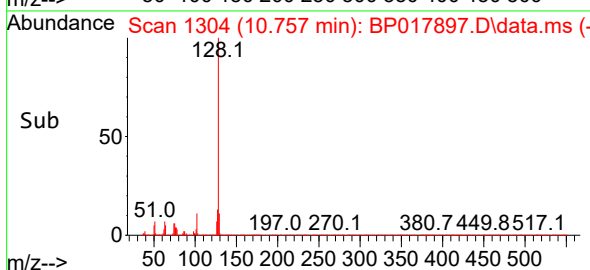
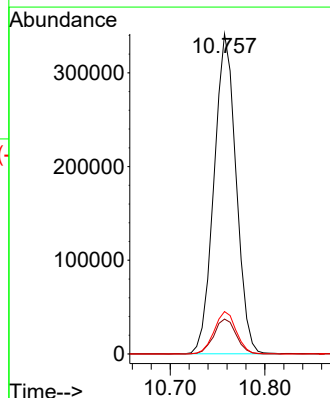
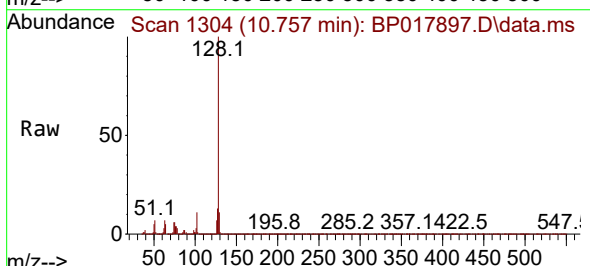
Tgt Ion:128 Resp: 552423

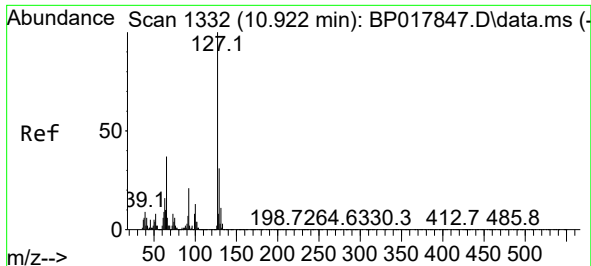
Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

127 13.3 10.5 15.7

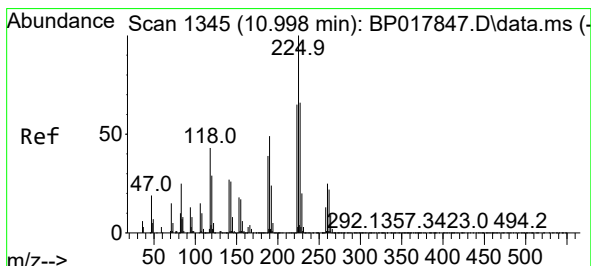
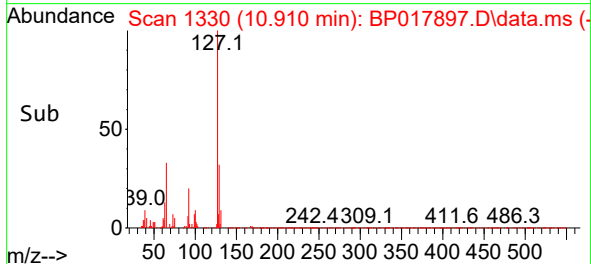
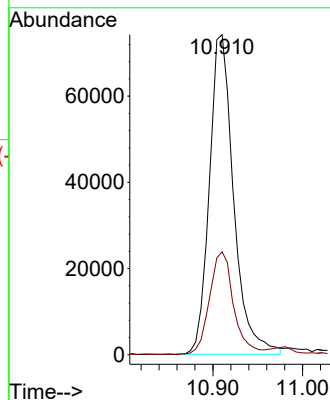
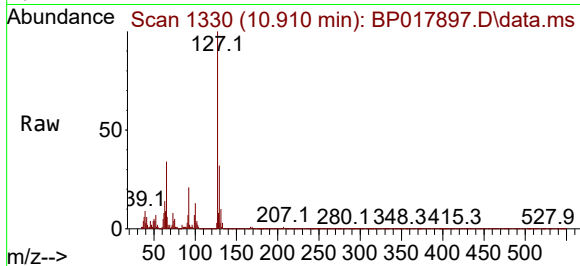




#32
4-Chloroaniline
Concen: 10.246 ng/ul
RT: 10.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP017897.D
Acq: 02 Nov 2023 21:10

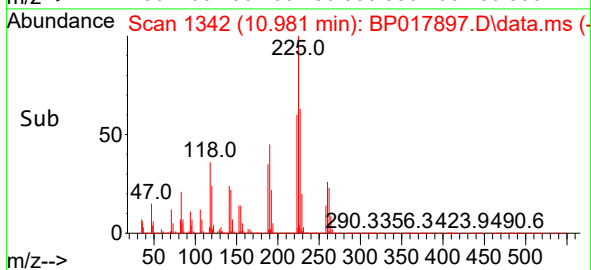
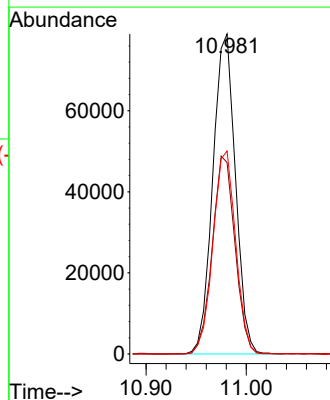
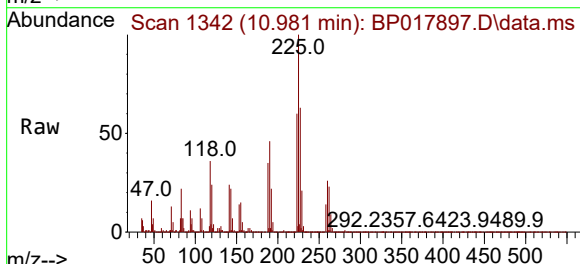
Instrument :
BNA_P
ClientSampleId :
DCKH3MS

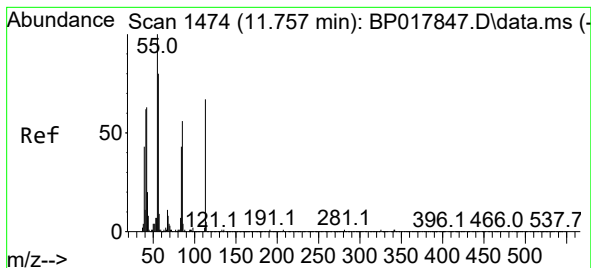
Tgt Ion:127 Resp: 139120
Ion Ratio Lower Upper
127 100
129 32.1 25.1 37.7



#33
Hexachlorobutadiene
Concen: 14.689 ng/ul
RT: 10.981 min Scan# 1342
Delta R.T. -0.012 min
Lab File: BP017897.D
Acq: 02 Nov 2023 21:10

Tgt Ion:225 Resp: 123571
Ion Ratio Lower Upper
225 100
223 59.8 50.6 75.8
227 63.5 50.1 75.1

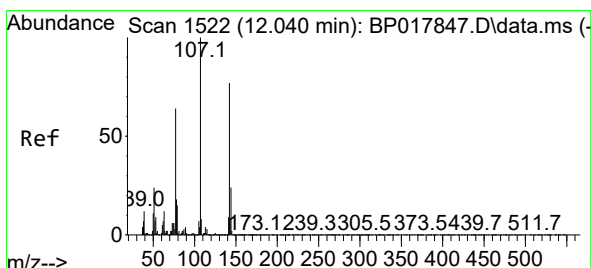
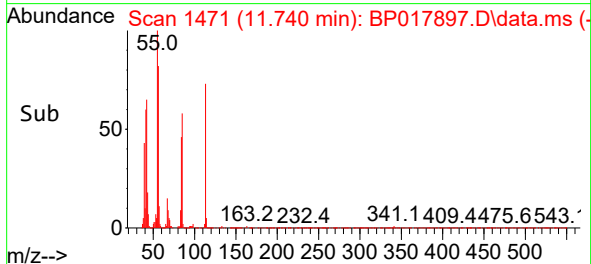
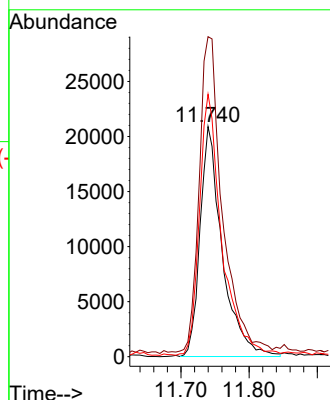
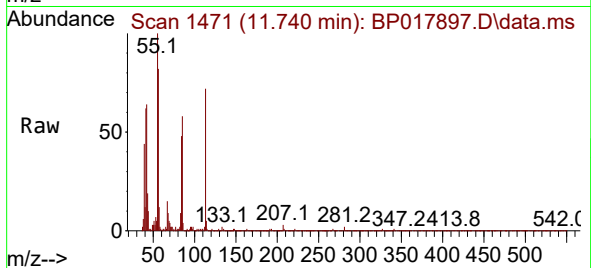




#34
Caprolactam
Concen: 17.709 ng/ul
RT: 11.740 min Scan# 1474
Delta R.T. -0.030 min
Lab File: BP017897.D
Acq: 02 Nov 2023 21:10

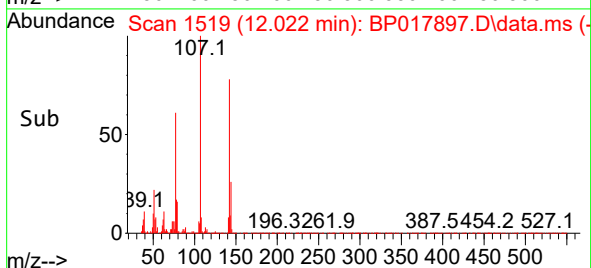
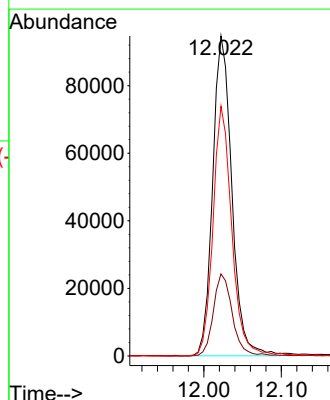
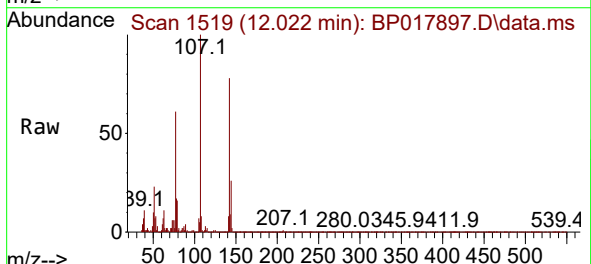
Instrument :
BNA_P
ClientSampleId :
DCKH3MS

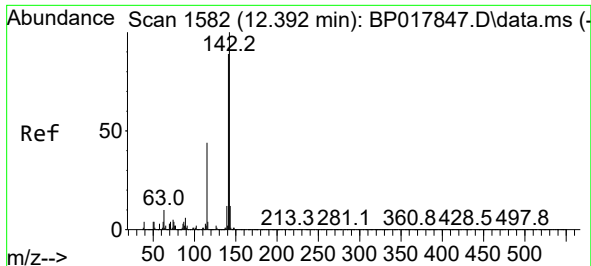
Tgt Ion:113 Resp: 47245
Ion Ratio Lower Upper
113 100
55 139.0 112.1 168.1
56 114.0 87.0 130.6



#35
4-Chloro-3-methylphenol
Concen: 16.685 ng/ul
RT: 12.022 min Scan# 1519
Delta R.T. -0.012 min
Lab File: BP017897.D
Acq: 02 Nov 2023 21:10

Tgt Ion:107 Resp: 162752
Ion Ratio Lower Upper
107 100
144 25.7 22.9 34.3
142 78.0 68.1 102.1

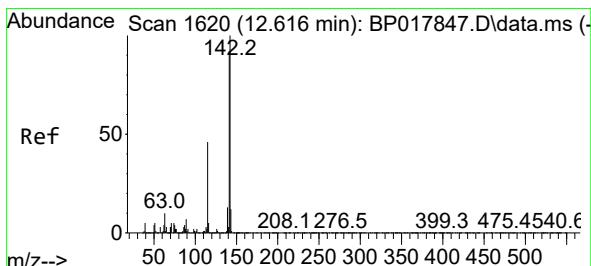
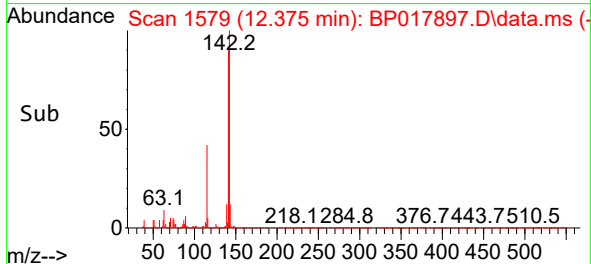
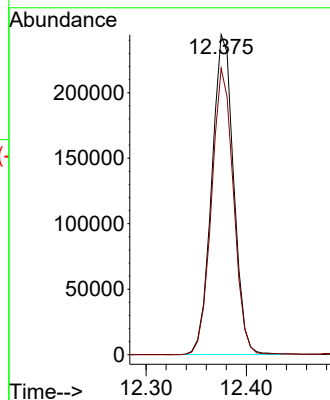
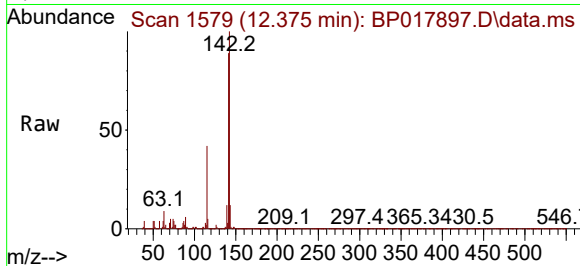




#36
2-Methylnaphthalene
Concen: 15.456 ng/ul
RT: 12.375 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP017897.D
Acq: 02 Nov 2023 21:10

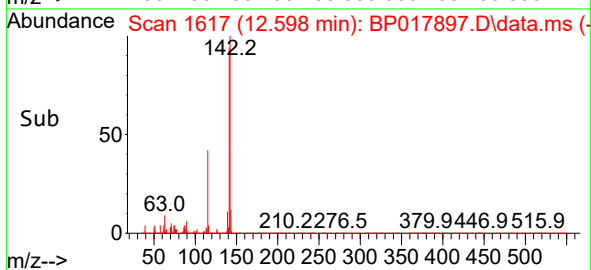
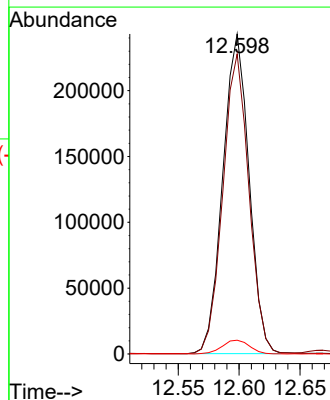
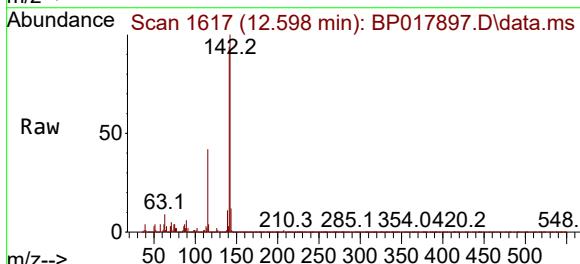
Instrument :
BNA_P
ClientSampleId :
DCKH3MS

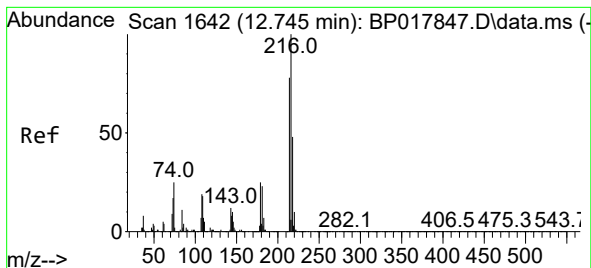
Tgt Ion:142 Resp: 370669
Ion Ratio Lower Upper
142 100
141 89.5 71.5 107.3



#37
1-Methylnaphthalene
Concen: 14.836 ng/ul
RT: 12.598 min Scan# 1617
Delta R.T. -0.012 min
Lab File: BP017897.D
Acq: 02 Nov 2023 21:10

Tgt Ion:142 Resp: 363879
Ion Ratio Lower Upper
142 100
141 93.8 72.5 108.7
116 4.3 3.4 5.2

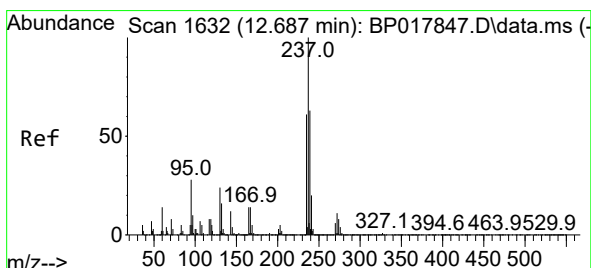
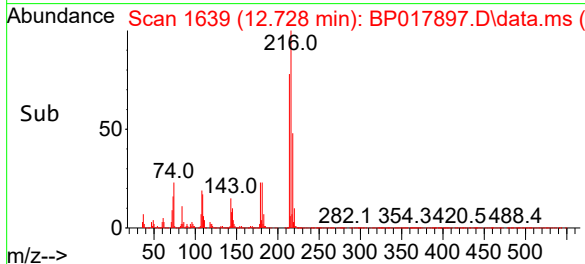
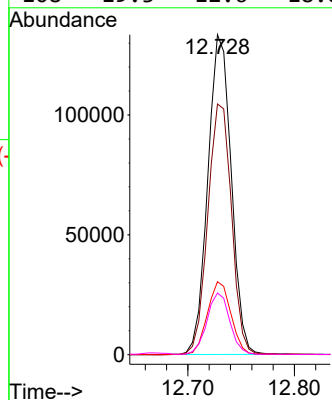
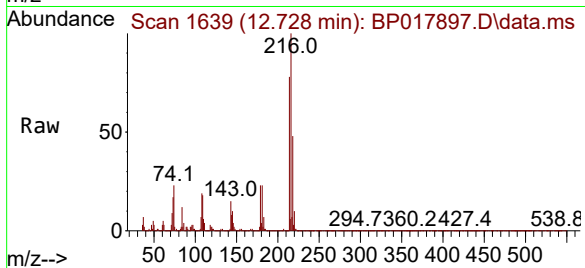




#39
1,2,4,5-Tetrachlorobenzene
Concen: 15.846 ng/ul
RT: 12.728 min Scan# 1639
Delta R.T. -0.018 min
Lab File: BP017897.D
Acq: 02 Nov 2023 21:10

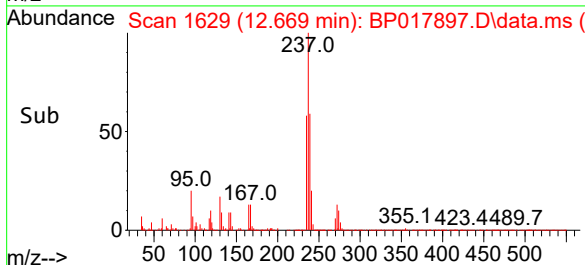
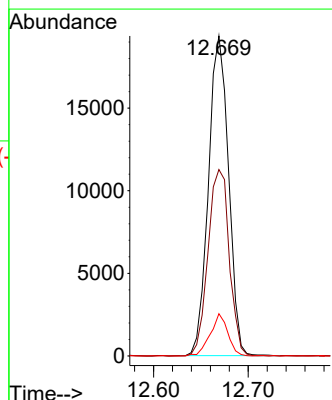
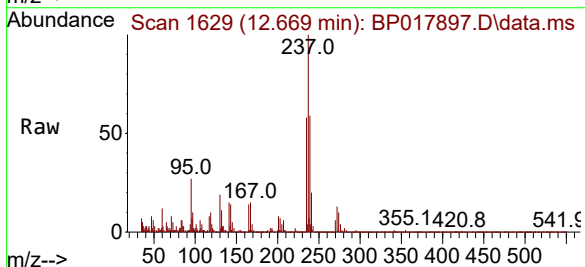
Instrument :
BNA_P
ClientSampleId :
DCKH3MS

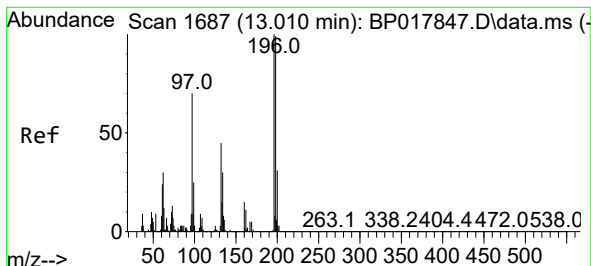
Tgt Ion:216 Resp: 203802
Ion Ratio Lower Upper
216 100
214 78.4 62.2 93.2
179 22.8 15.8 23.8
108 19.3 12.6 18.8#



#40
Hexachlorocyclopentadiene
Concen: 3.852 ng/ul
RT: 12.669 min Scan# 1629
Delta R.T. -0.018 min
Lab File: BP017897.D
Acq: 02 Nov 2023 21:10

Tgt Ion:237 Resp: 28463
Ion Ratio Lower Upper
237 100
235 58.2 50.3 75.5
272 13.2 11.1 16.7





#41

2,4,6-Trichlorophenol

Concen: 16.806 ng/ul

RT: 12.993 min Scan# 1697

Delta R.T. -0.012 min

Lab File: BP017897.D

Acq: 02 Nov 2023 21:10

Instrument :

BNA_P

ClientSampleId :

DCKH3MS

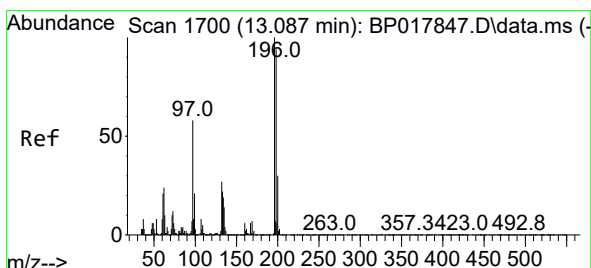
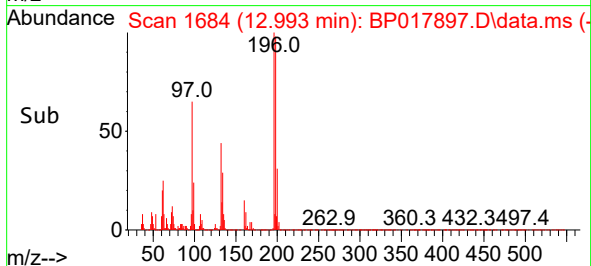
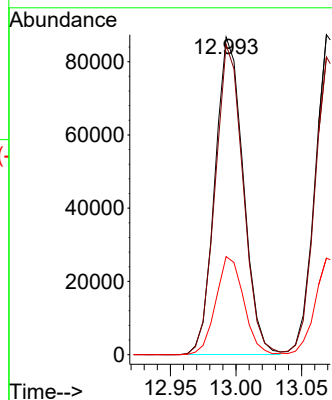
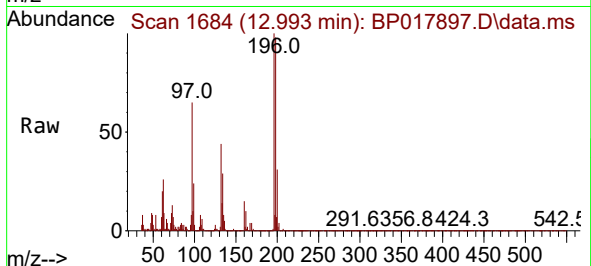
Tgt Ion:196 Resp: 129718

Ion Ratio Lower Upper

196 100

198 97.6 74.7 112.1

200 30.9 23.7 35.5



#42

2,4,5-Trichlorophenol

Concen: 17.721 ng/ul

RT: 13.069 min Scan# 1697

Delta R.T. -0.012 min

Lab File: BP017897.D

Acq: 02 Nov 2023 21:10

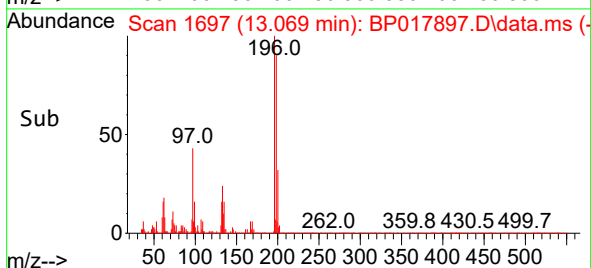
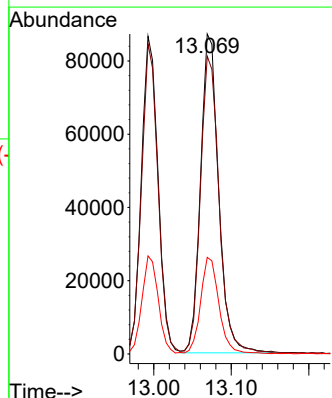
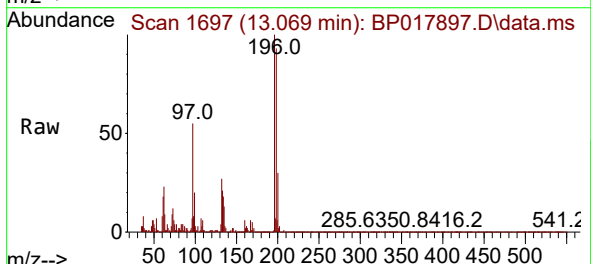
Tgt Ion:196 Resp: 141416

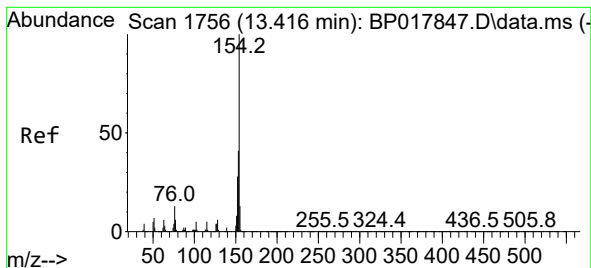
Ion Ratio Lower Upper

196 100

198 93.0 76.0 114.0

200 30.2 24.3 36.5





#43

1,1'-Biphenyl

Concen: 16.922 ng/ul

RT: 13.398 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP017897.D

Acq: 02 Nov 2023 21:10

Instrument :

BNA_P

ClientSampleId :

DCKH3MS

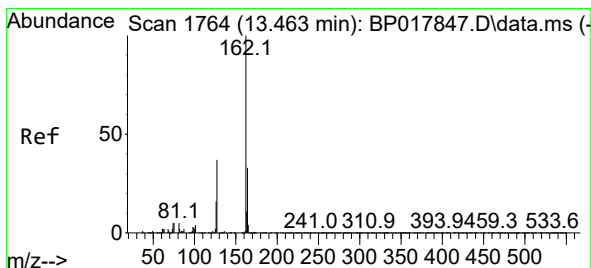
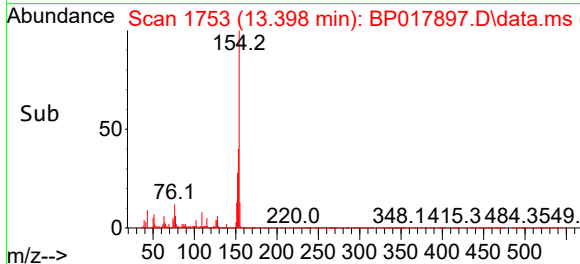
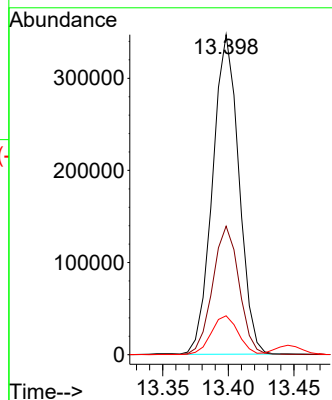
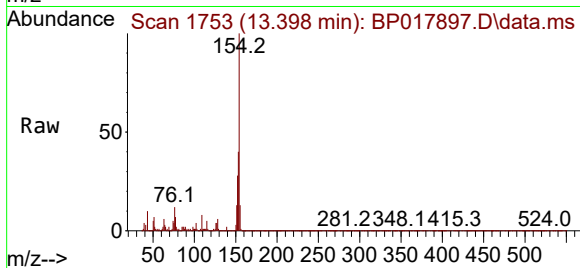
Tgt Ion:154 Resp: 484546

Ion Ratio Lower Upper

154 100

153 40.1 32.6 49.0

76 12.1 9.8 14.8



#44

2-Chloronaphthalene

Concen: 16.682 ng/ul

RT: 13.445 min Scan# 1761

Delta R.T. -0.012 min

Lab File: BP017897.D

Acq: 02 Nov 2023 21:10

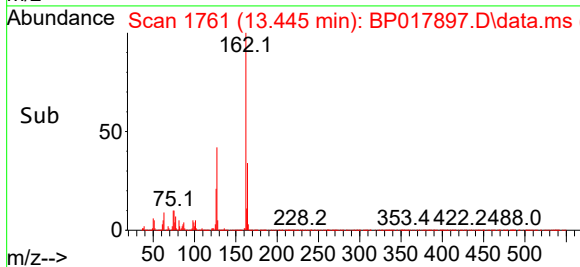
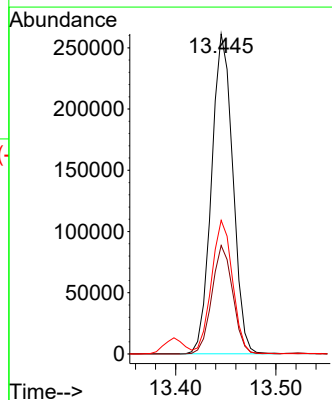
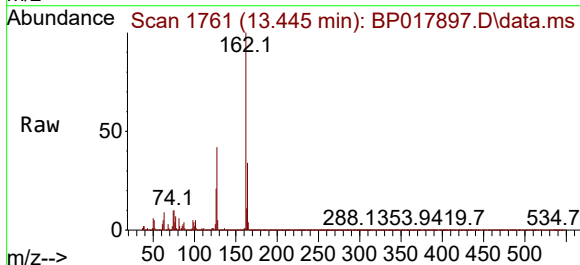
Tgt Ion:162 Resp: 386154

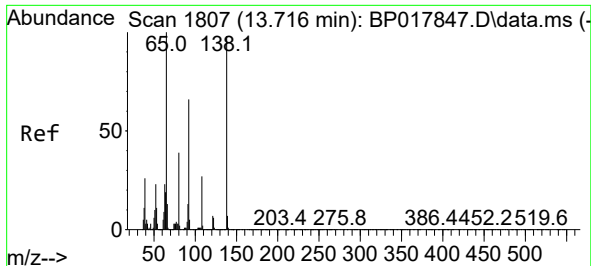
Ion Ratio Lower Upper

162 100

164 33.9 25.9 38.9

127 41.7 29.9 44.9

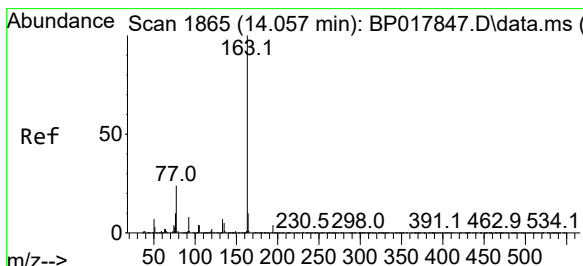
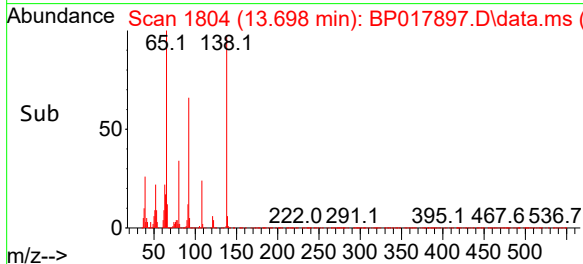
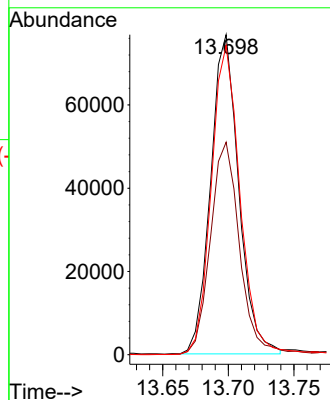
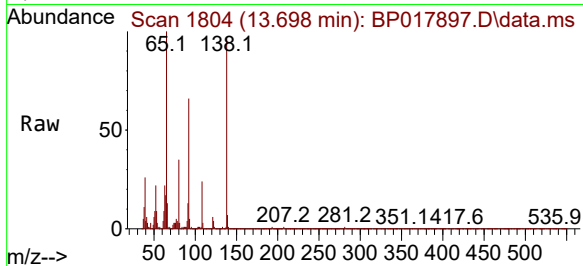




#45
2-Nitroaniline
Concen: 21.731 ng/ul
RT: 13.698 min Scan# 1804
Delta R.T. -0.012 min
Lab File: BP017897.D
Acq: 02 Nov 2023 21:10

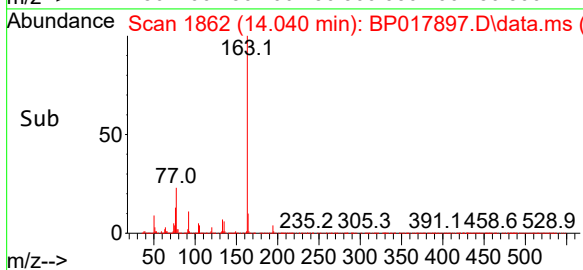
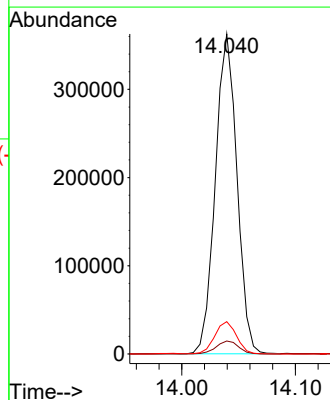
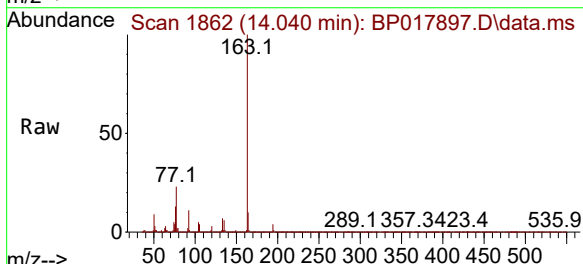
Instrument :
BNA_P
ClientSampleId :
DCKH3MS

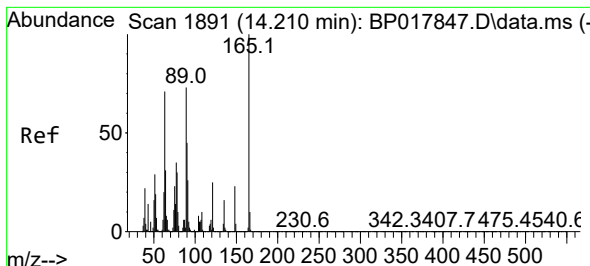
Tgt Ion: 65 Resp: 114307
Ion Ratio Lower Upper
65 100
92 66.4 56.2 84.4
138 96.6 85.9 128.9



#47
Dimethylphthalate
Concen: 16.674 ng/ul
RT: 14.040 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BP017897.D
Acq: 02 Nov 2023 21:10

Tgt Ion: 163 Resp: 479486
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.1 8.2 12.4





#48

2,6-Dinitrotoluene

Concen: 18.369 ng/ul

RT: 14.192 min Scan# 1891

Delta R.T. -0.012 min

Lab File: BP017897.D

Acq: 02 Nov 2023 21:10

Instrument :

BNA_P

ClientSampleId :

DCKH3MS

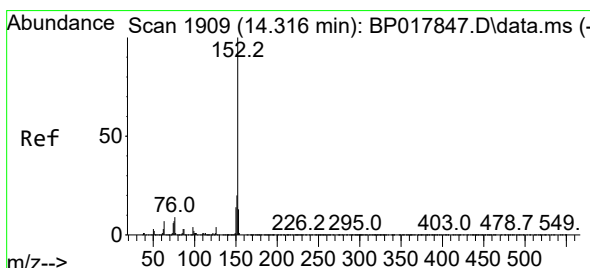
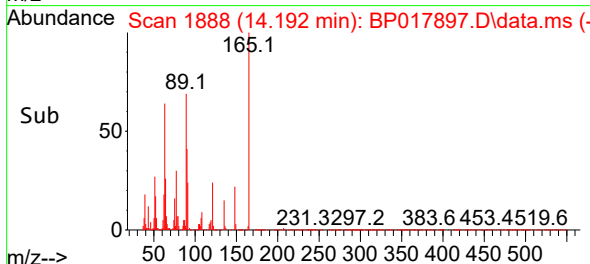
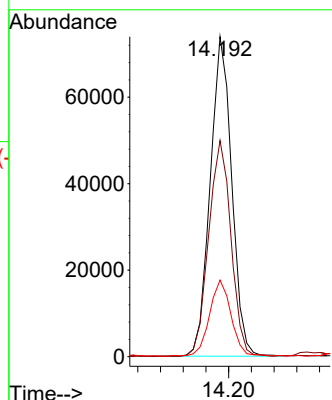
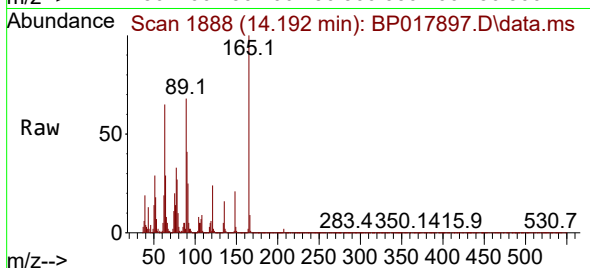
Tgt Ion:165 Resp: 97224

Ion Ratio Lower Upper

165 100

89 67.5 48.0 72.0

121 23.9 16.6 24.8



#50

Acenaphthylene

Concen: 16.670 ng/ul

RT: 14.298 min Scan# 1906

Delta R.T. -0.012 min

Lab File: BP017897.D

Acq: 02 Nov 2023 21:10

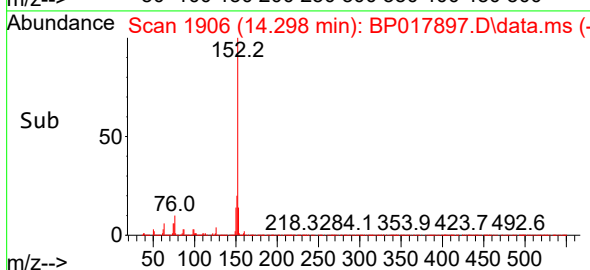
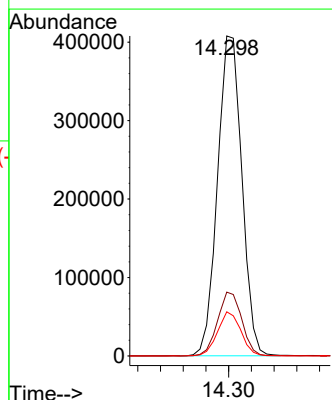
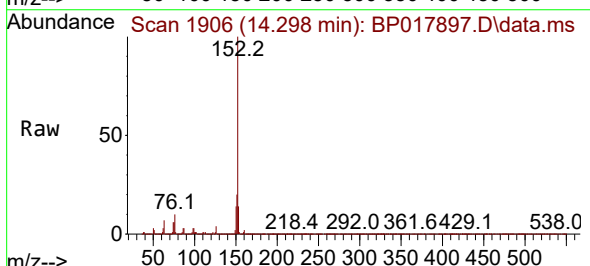
Tgt Ion:152 Resp: 607594

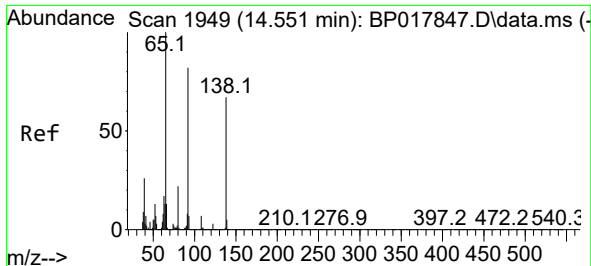
Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

153 13.8 10.8 16.2

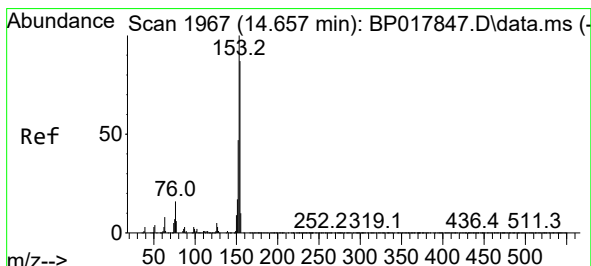
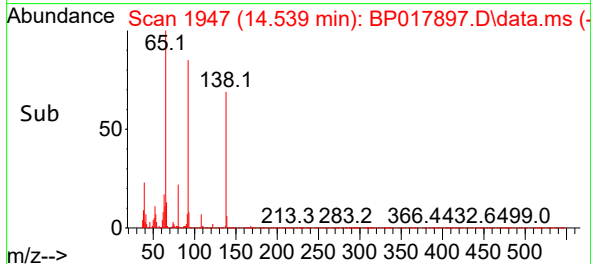
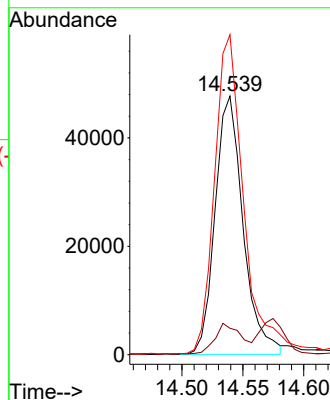
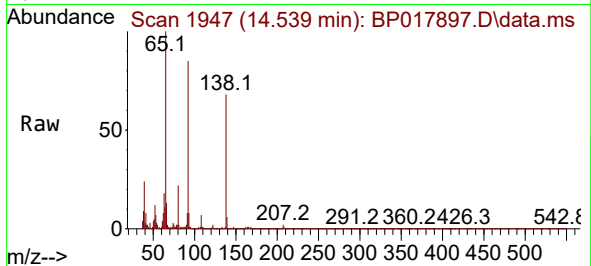




#51
3-Nitroaniline
Concen: 15.141 ng/ul
RT: 14.539 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP017897.D
Acq: 02 Nov 2023 21:10

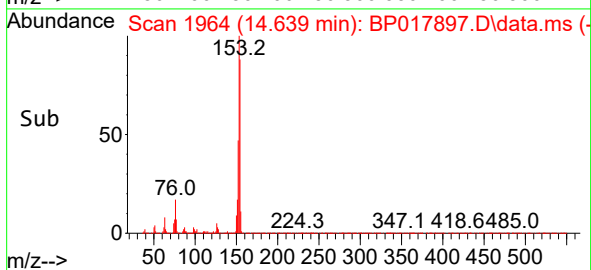
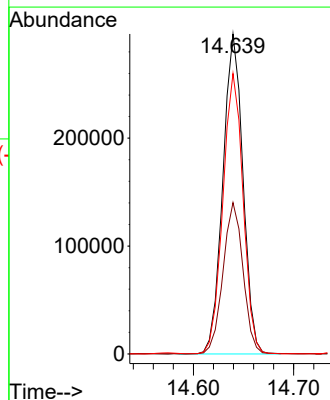
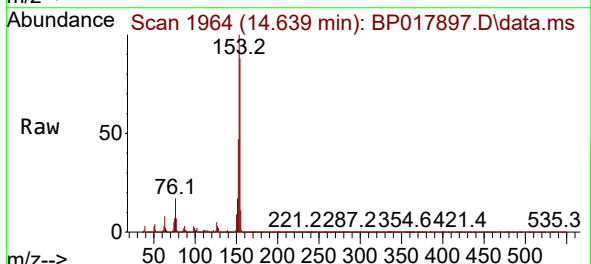
Instrument :
BNA_P
ClientSampleId :
DCKH3MS

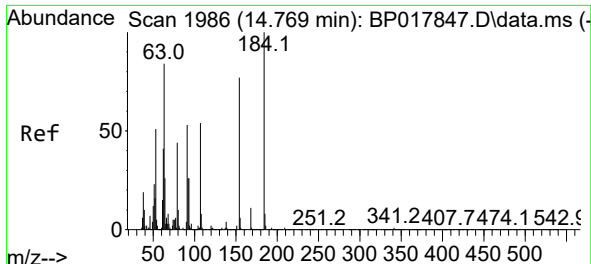
Tgt Ion:138 Resp: 76218
Ion Ratio Lower Upper
138 100
108 10.2 9.3 13.9
92 123.7 95.2 142.8



#52
Acenaphthene
Concen: 16.701 ng/ul
RT: 14.639 min Scan# 1964
Delta R.T. -0.012 min
Lab File: BP017897.D
Acq: 02 Nov 2023 21:10

Tgt Ion:153 Resp: 411498
Ion Ratio Lower Upper
153 100
152 47.3 37.6 56.4
154 87.6 70.0 105.0

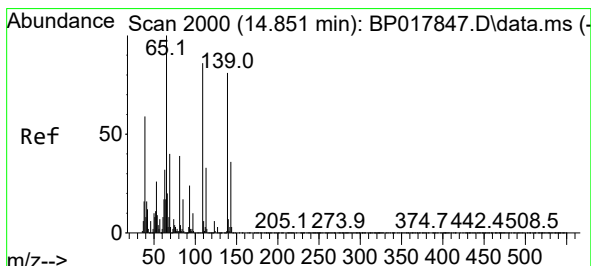
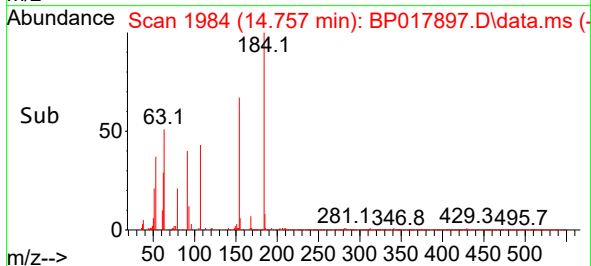
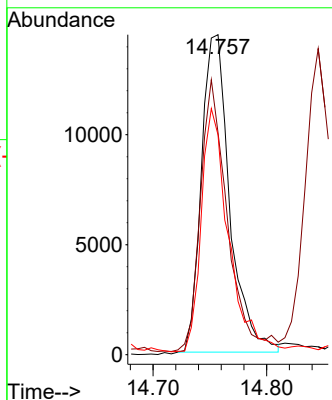
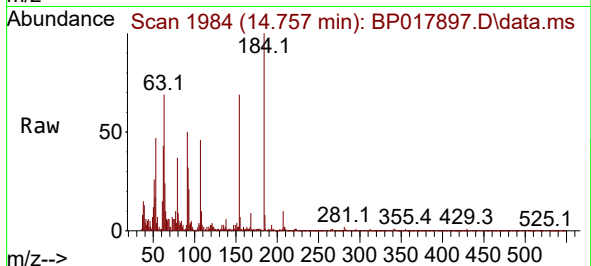




#53
2,4-Dinitrophenol
Concen: 8.434 ng/ul
RT: 14.757 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BP017897.D
Acq: 02 Nov 2023 21:10

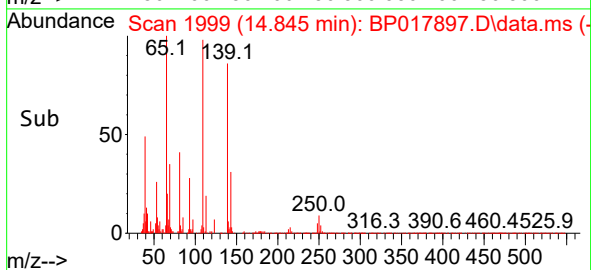
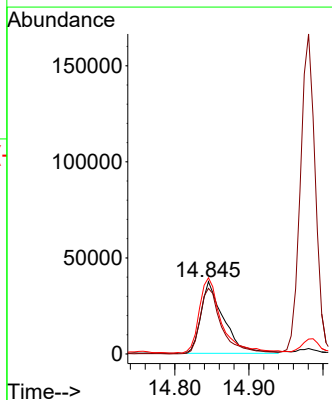
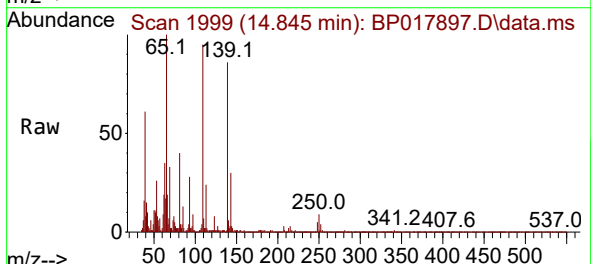
Instrument :
BNA_P
ClientSampleId :
DCKH3MS

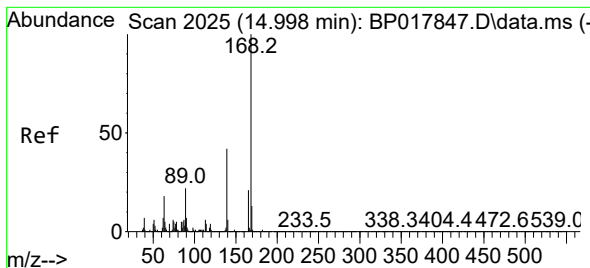
Tgt Ion:184 Resp: 25058
Ion Ratio Lower Upper
184 100
63 69.3 50.6 76.0
154 68.7 47.9 71.9



#55
4-Nitrophenol
Concen: 17.998 ng/ul
RT: 14.845 min Scan# 1999
Delta R.T. -0.000 min
Lab File: BP017897.D
Acq: 02 Nov 2023 21:10

Tgt Ion:109 Resp: 79208
Ion Ratio Lower Upper
109 100
139 90.7 92.9 139.3#
65 105.3 94.5 141.7





#56

Dibenzofuran

Concen: 16.197 ng/ul

RT: 14.981 min Scan# 2023

Delta R.T. -0.012 min

Lab File: BP017897.D

Acq: 02 Nov 2023 21:10

Instrument :

BNA_P

ClientSampleId :

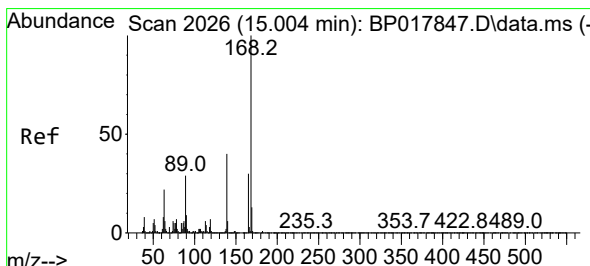
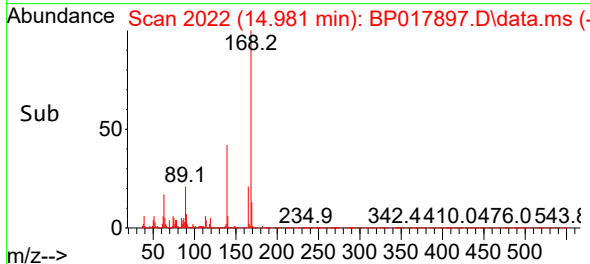
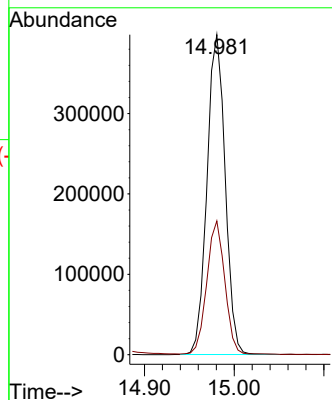
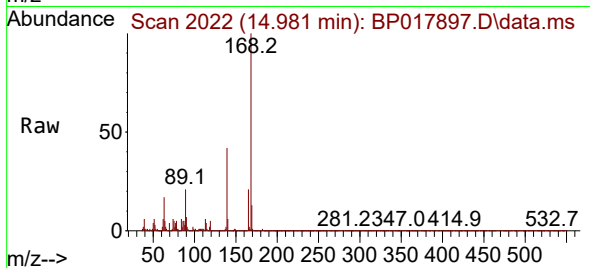
DCKH3MS

Tgt Ion:168 Resp: 560321

Ion Ratio Lower Upper

168 100

139 41.8 28.6 43.0



#57

2,4-Dinitrotoluene

Concen: 18.217 ng/ul

RT: 14.986 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BP017897.D

Acq: 02 Nov 2023 21:10

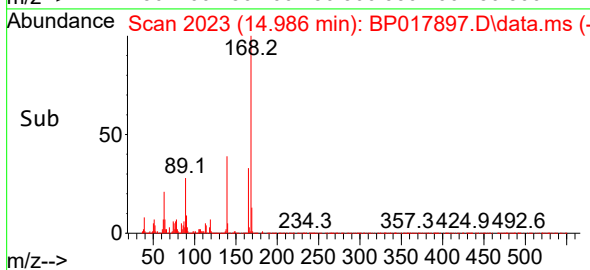
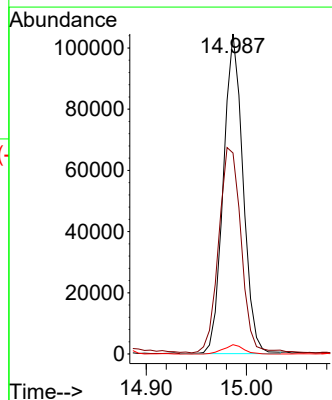
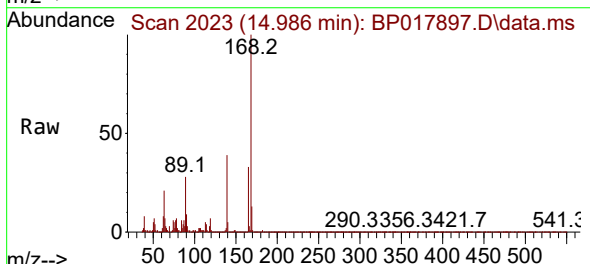
Tgt Ion:165 Resp: 142304

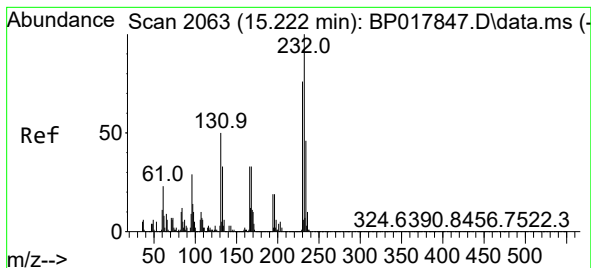
Ion Ratio Lower Upper

165 100

63 62.8 51.1 76.7

182 2.9 2.7 4.1

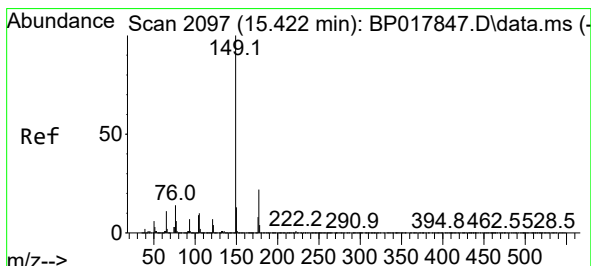
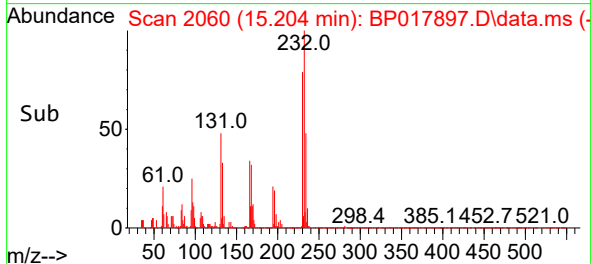
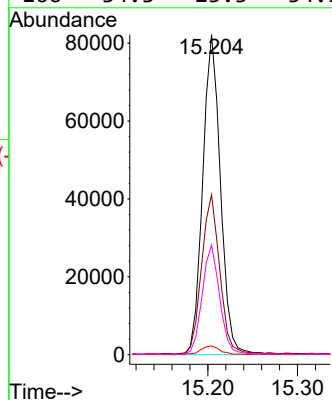
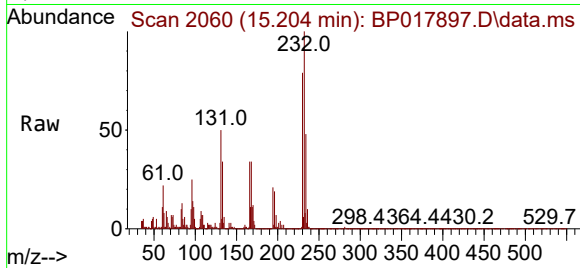




#58
2,3,4,6-Tetrachlorophenol
Concen: 15.954 ng/ul
RT: 15.204 min Scan# 2060
Delta R.T. -0.012 min
Lab File: BP017897.D
Acq: 02 Nov 2023 21:10

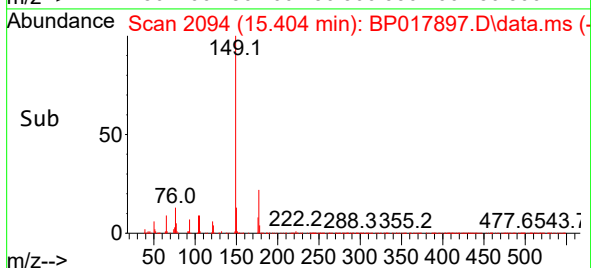
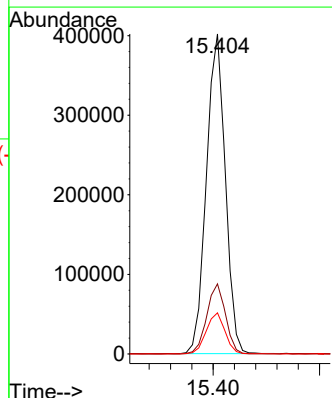
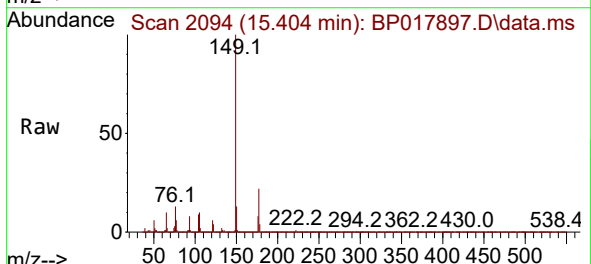
Instrument :
BNA_P
ClientSampleId :
DCKH3MS

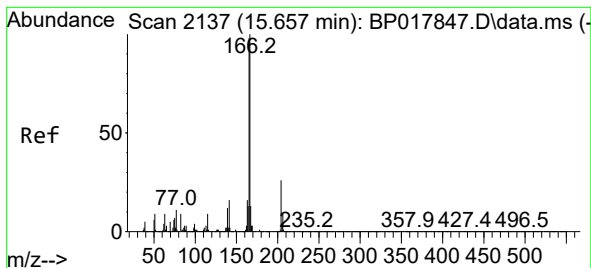
Tgt Ion:232 Resp: 112977
Ion Ratio Lower Upper
232 100
131 50.0 32.9 49.3#
130 2.7 1.8 2.8
166 34.3 23.3 34.9



#59
Diethylphthalate
Concen: 17.842 ng/ul
RT: 15.404 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BP017897.D
Acq: 02 Nov 2023 21:10

Tgt Ion:149 Resp: 495375
Ion Ratio Lower Upper
149 100
177 21.9 18.0 27.0
150 12.9 10.2 15.4





#61

Fluorene

Concen: 16.481 ng/ul

RT: 15.639 min Scan# 2133

Delta R.T. -0.006 min

Lab File: BP017897.D

Acq: 02 Nov 2023 21:10

Instrument :

BNA_P

ClientSampleId :

DCKH3MS

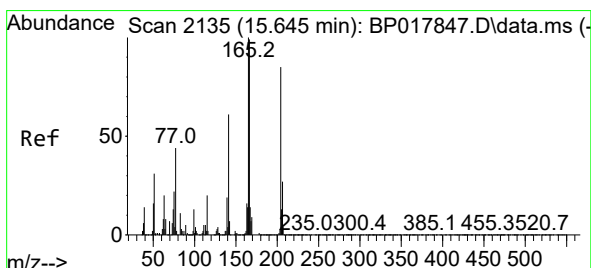
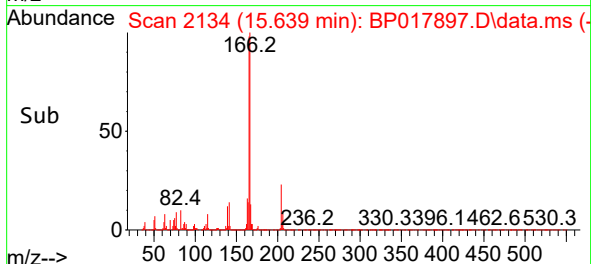
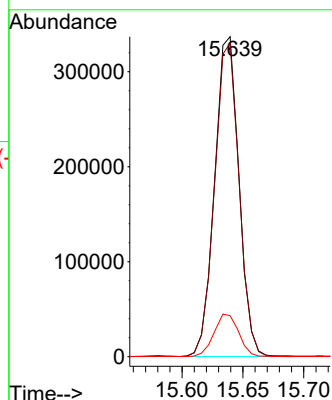
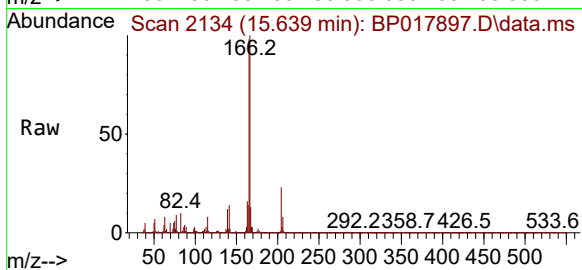
Tgt Ion:166 Resp: 468337

Ion Ratio Lower Upper

166 100

165 97.9 77.4 116.0

167 12.8 10.9 16.3



#62

4-Chlorophenyl-phenylether

Concen: 15.630 ng/ul

RT: 15.628 min Scan# 2132

Delta R.T. -0.012 min

Lab File: BP017897.D

Acq: 02 Nov 2023 21:10

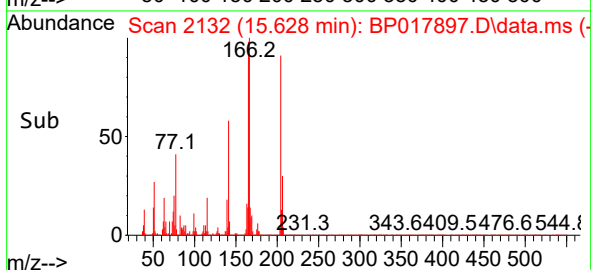
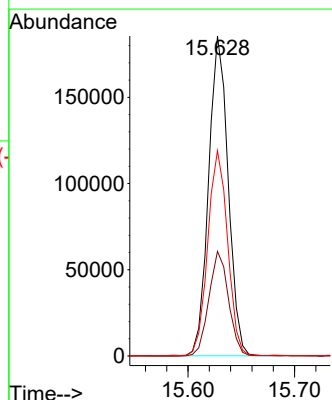
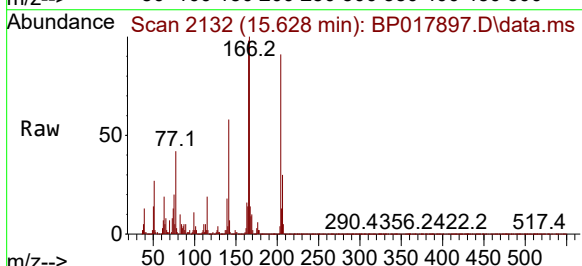
Tgt Ion:204 Resp: 236067

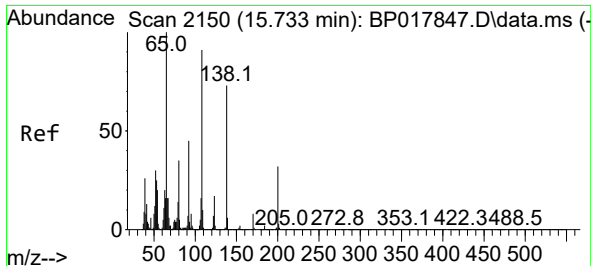
Ion Ratio Lower Upper

204 100

206 32.7 26.2 39.4

141 64.2 42.9 64.3

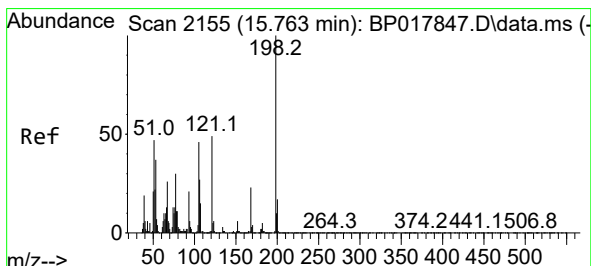
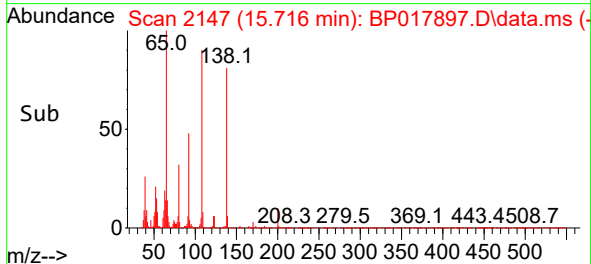
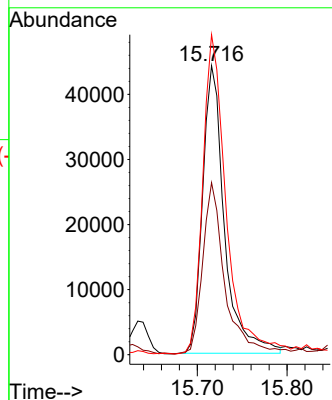
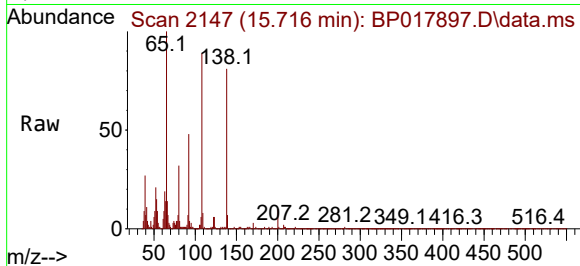




#63
4-Nitroaniline
Concen: 16.421 ng/ul
RT: 15.716 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BP017897.D
Acq: 02 Nov 2023 21:10

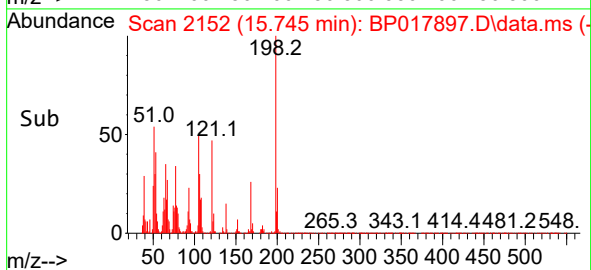
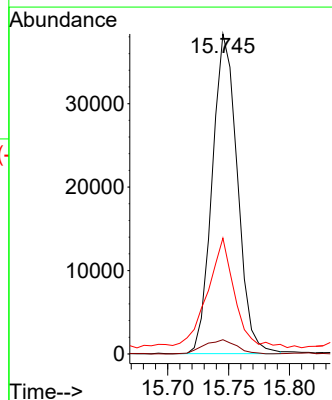
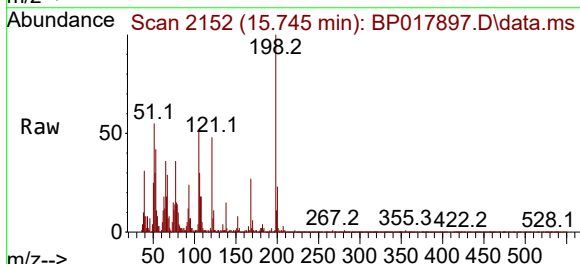
Instrument :
BNA_P
ClientSampleId :
DCKH3MS

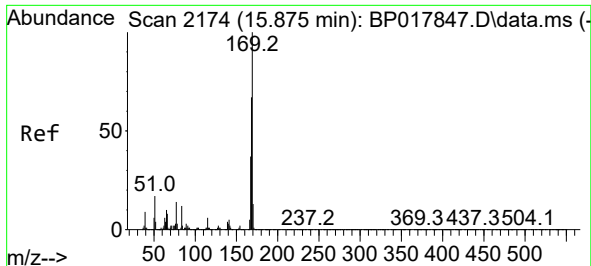
Tgt Ion:138 Resp: 74559
Ion Ratio Lower Upper
138 100
92 59.5 43.0 64.6
108 110.7 82.7 124.1



#66
4,6-Dinitro-2-methylphenol
Concen: 11.466 ng/ul
RT: 15.745 min Scan# 2152
Delta R.T. -0.006 min
Lab File: BP017897.D
Acq: 02 Nov 2023 21:10

Tgt Ion:198 Resp: 55152
Ion Ratio Lower Upper
198 100
182 4.4 3.9 5.9
77 36.2 19.8 29.8#

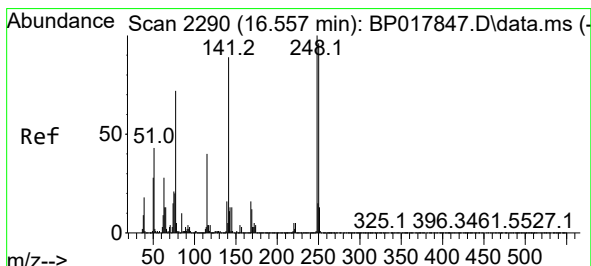
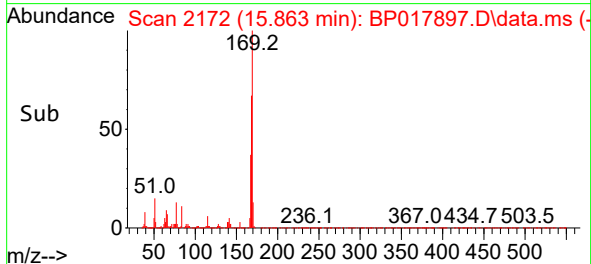
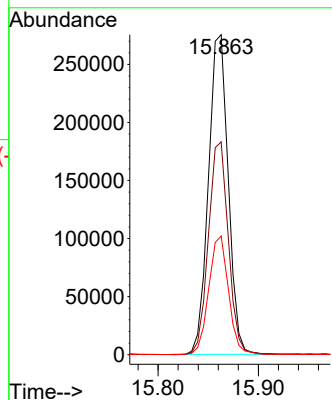
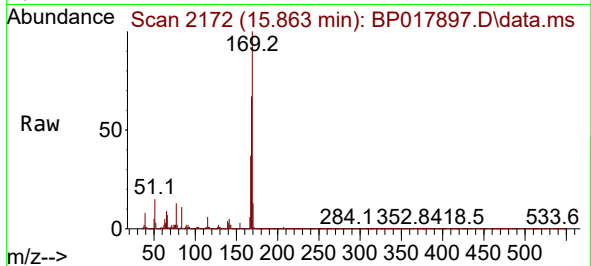




#67
N-Nitrosodiphenylamine
Concen: 18.344 ng/ul
RT: 15.863 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BP017897.D
Acq: 02 Nov 2023 21:10

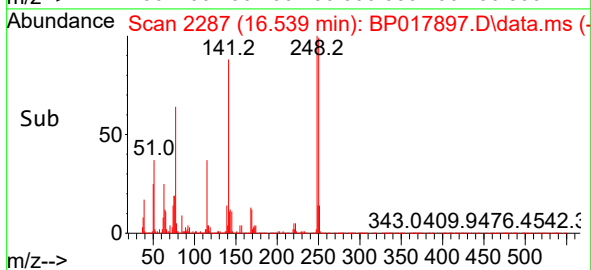
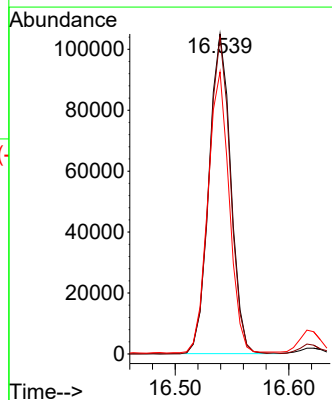
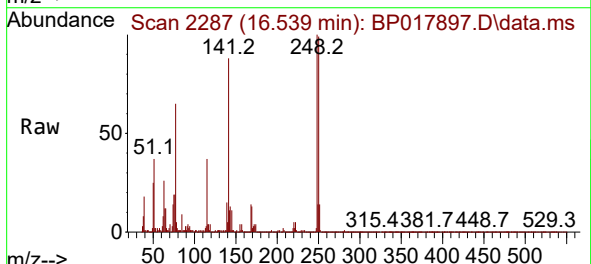
Instrument :
BNA_P
ClientSampleId :
DCKH3MS

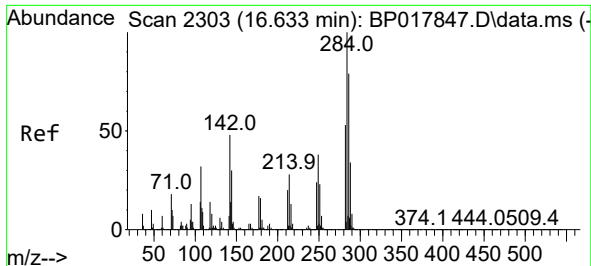
Tgt Ion:169 Resp: 378878
Ion Ratio Lower Upper
169 100
168 66.5 53.7 80.5
167 37.1 29.4 44.0



#68
4-Bromophenyl-phenylether
Concen: 17.550 ng/ul
RT: 16.539 min Scan# 2287
Delta R.T. -0.012 min
Lab File: BP017897.D
Acq: 02 Nov 2023 21:10

Tgt Ion:248 Resp: 139997
Ion Ratio Lower Upper
248 100
250 99.1 76.8 115.2
141 88.2 52.4 78.6#

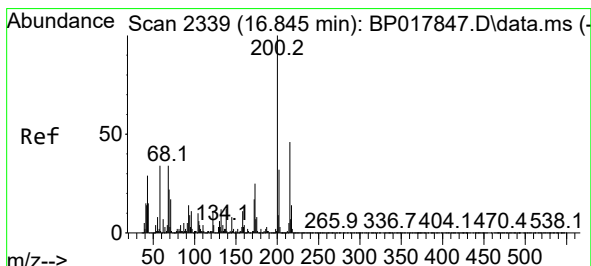
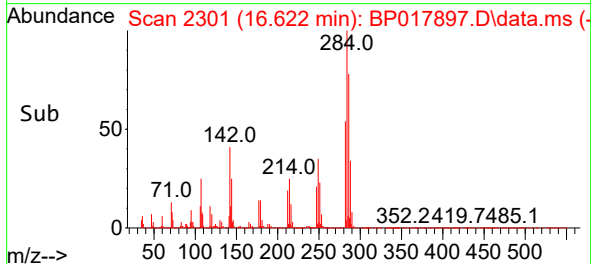
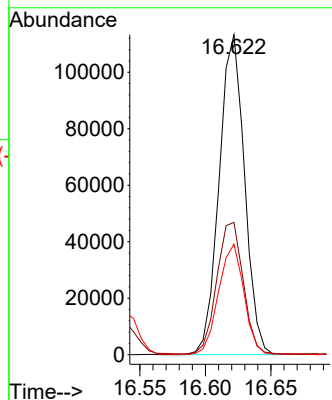
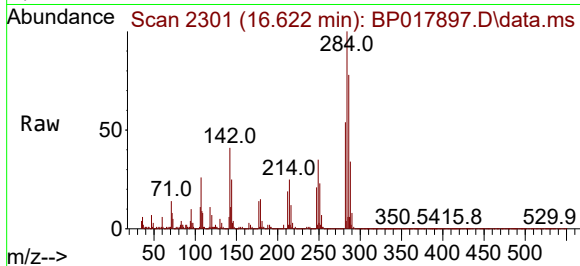




#69
Hexachlorobenzene
Concen: 16.650 ng/ul
RT: 16.622 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP017897.D
Acq: 02 Nov 2023 21:10

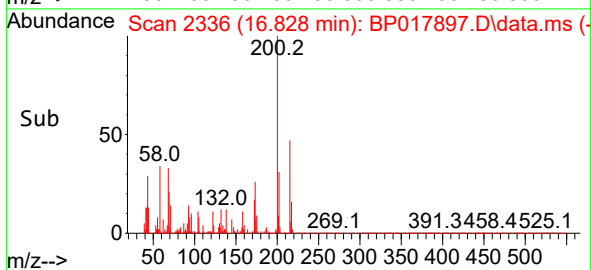
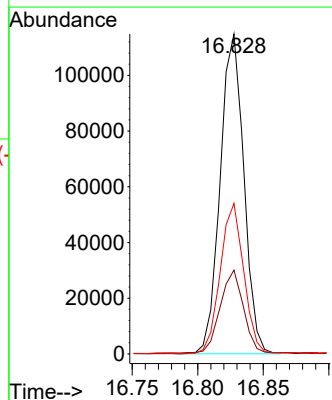
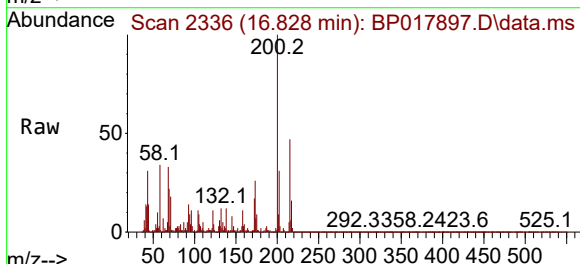
Instrument :
BNA_P
ClientSampleId :
DCKH3MS

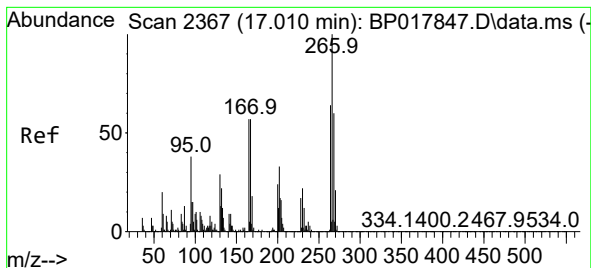
Tgt Ion:284 Resp: 152480
Ion Ratio Lower Upper
284 100
142 41.4 27.6 41.4
249 34.6 24.5 36.7



#70
Atrazine
Concen: 18.950 ng/ul
RT: 16.828 min Scan# 2336
Delta R.T. -0.006 min
Lab File: BP017897.D
Acq: 02 Nov 2023 21:10

Tgt Ion:200 Resp: 143849
Ion Ratio Lower Upper
200 100
173 26.2 19.8 29.6
215 47.0 38.5 57.7





#71

Pentachlorophenol

Concen: 14.232 ng/ul

RT: 16.998 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP017897.D

Acq: 02 Nov 2023 21:10

Instrument :

BNA_P

ClientSampleId :

DCKH3MS

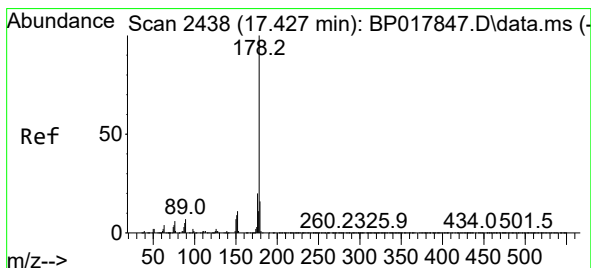
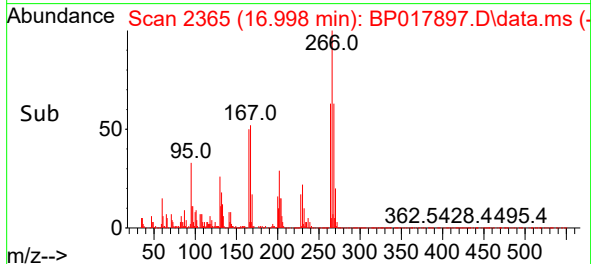
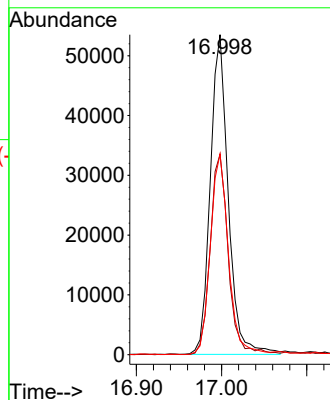
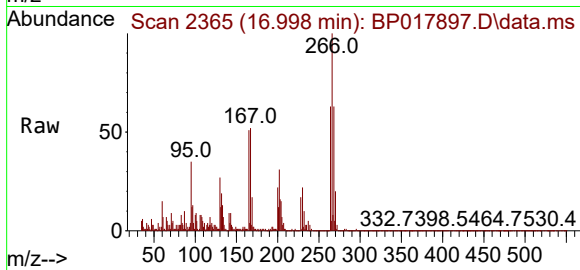
Tgt Ion:266 Resp: 78357

Ion Ratio Lower Upper

266 100

264 62.7 49.4 74.2

268 62.7 50.3 75.5



#72

Phenanthrene

Concen: 17.886 ng/ul

RT: 17.410 min Scan# 2435

Delta R.T. -0.012 min

Lab File: BP017897.D

Acq: 02 Nov 2023 21:10

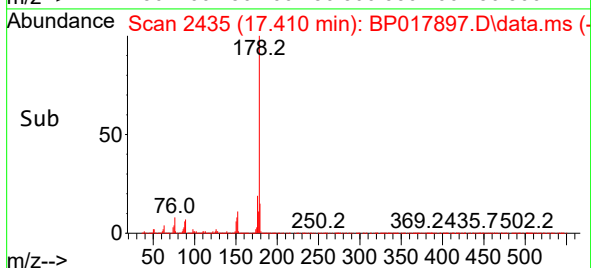
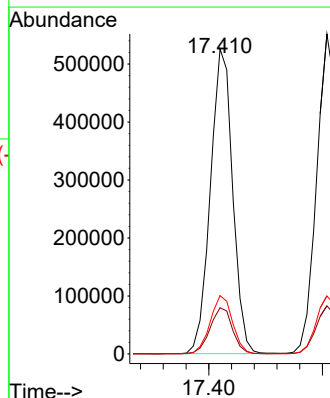
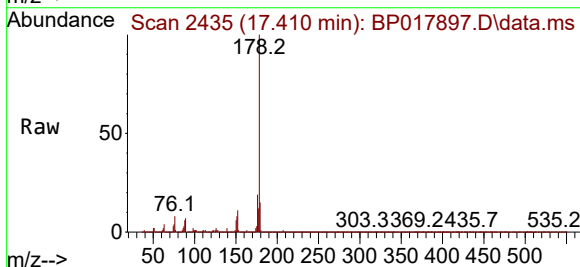
Tgt Ion:178 Resp: 714331

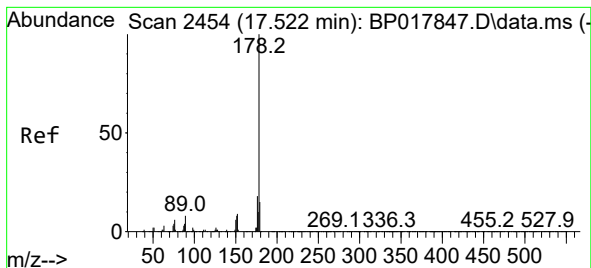
Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.2

176 19.2 15.3 22.9





#74

Anthracene

Concen: 18.219 ng/uI

RT: 17.504 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP017897.D

Acq: 02 Nov 2023 21:10

Instrument :

BNA_P

ClientSampleId :

DCKH3MS

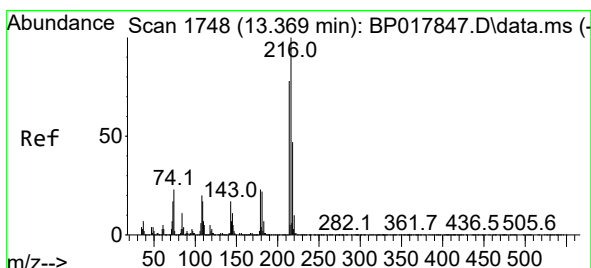
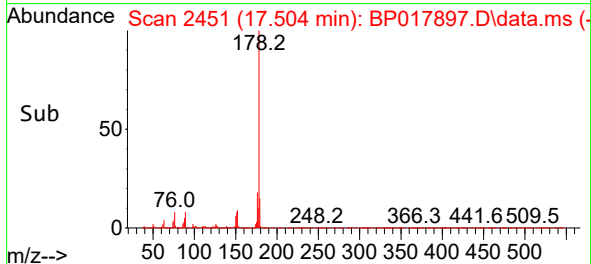
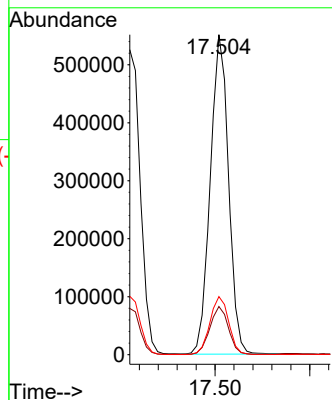
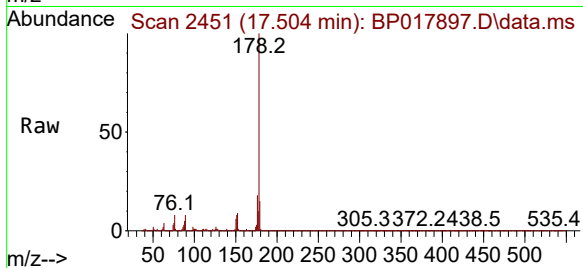
Tgt Ion:178 Resp: 736965

Ion Ratio Lower Upper

178 100

179 15.1 12.0 18.0

176 18.2 14.8 22.2



#75

1,2,3,4-Tetrachlorobenzene

Concen: 17.806 ng/uI

RT: 13.351 min Scan# 1745

Delta R.T. -0.012 min

Lab File: BP017897.D

Acq: 02 Nov 2023 21:10

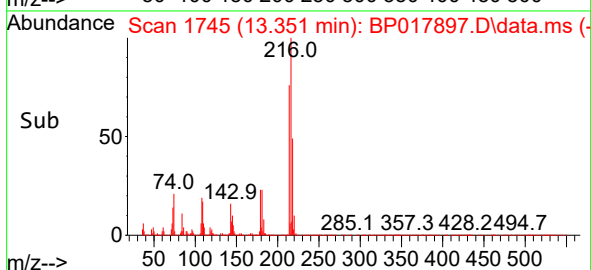
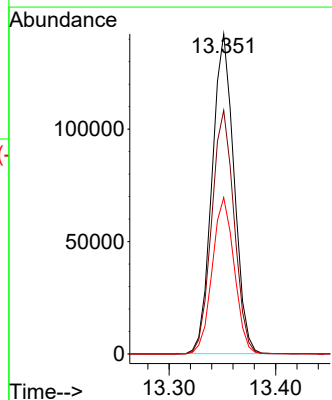
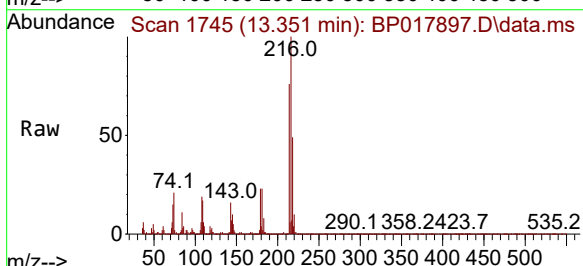
Tgt Ion:216 Resp: 203687

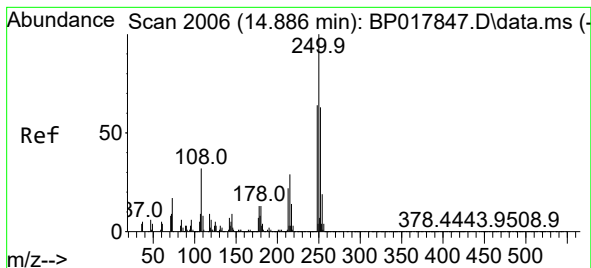
Ion Ratio Lower Upper

216 100

214 76.1 60.7 91.1

218 48.8 38.2 57.4





#76

Pentachlorobenzene

Concen: 17.451 ng/uL

RT: 14.869 min Scan# 2006

Delta R.T. -0.012 min

Lab File: BP017897.D

Acq: 02 Nov 2023 21:10

Instrument :

BNA_P

ClientSampleId :

DCKH3MS

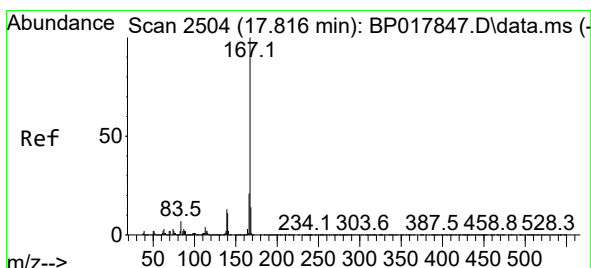
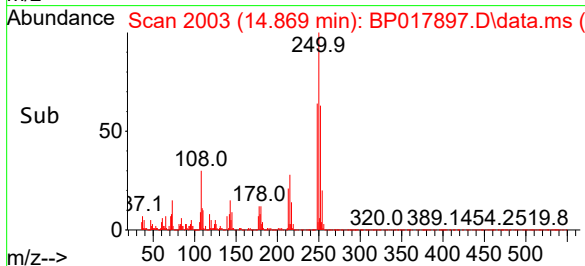
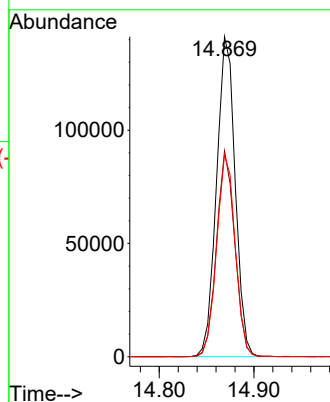
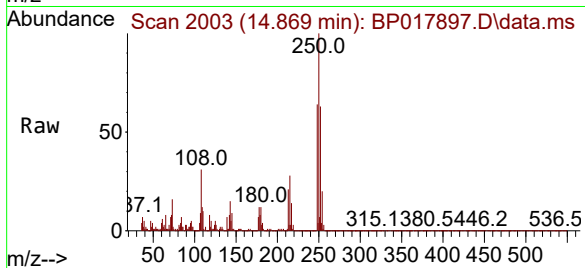
Tgt Ion:250 Resp: 193473

Ion Ratio Lower Upper

250 100

248 64.4 50.2 75.4

252 63.1 49.6 74.4



#77

Carbazole

Concen: 18.489 ng/uL

RT: 17.798 min Scan# 2501

Delta R.T. -0.012 min

Lab File: BP017897.D

Acq: 02 Nov 2023 21:10

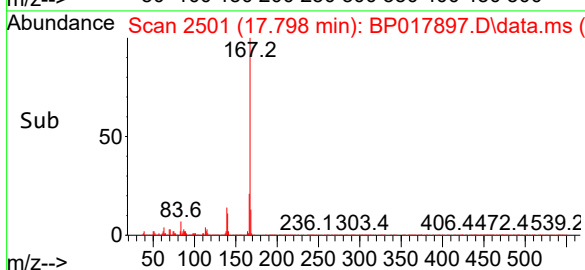
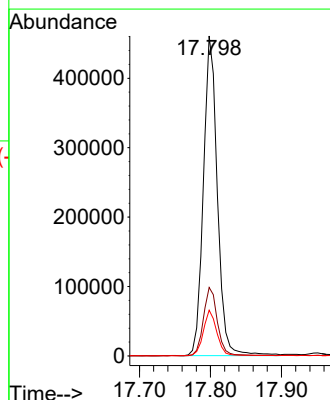
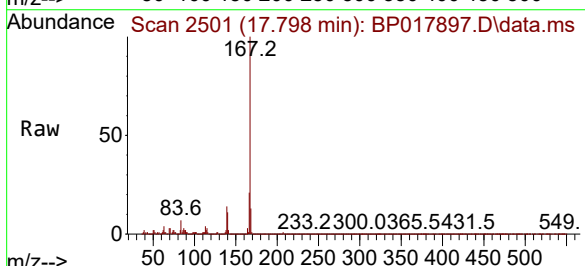
Tgt Ion:167 Resp: 632080

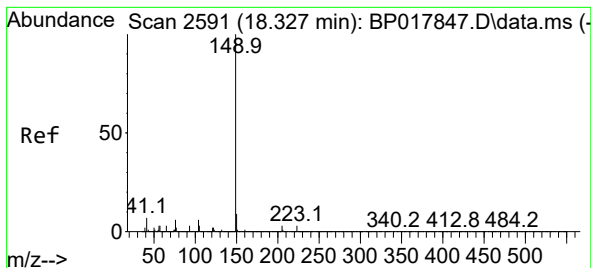
Ion Ratio Lower Upper

167 100

166 21.4 16.7 25.1

139 14.3 9.8 14.6





#78

Di-n-butylphthalate

Concen: 21.151 ng/ul

RT: 18.310 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP017897.D

Acq: 02 Nov 2023 21:10

Instrument :

BNA_P

ClientSampleId :

DCKH3MS

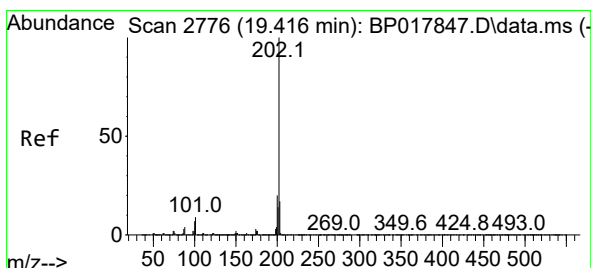
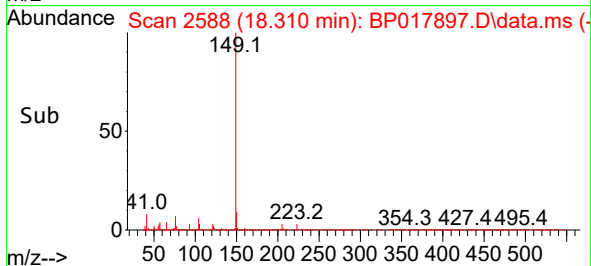
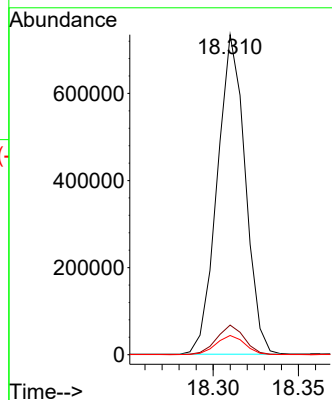
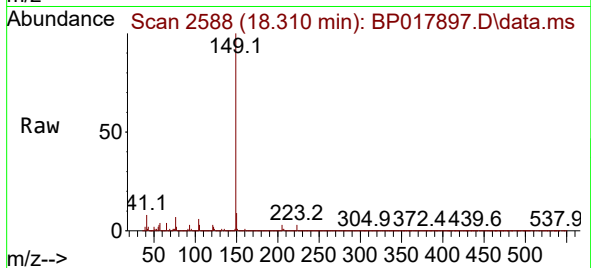
Tgt Ion:149 Resp: 839484

Ion Ratio Lower Upper

149 100

150 9.2 7.2 10.8

104 6.0 4.3 6.5



#80

Fluoranthene

Concen: 20.565 ng/ul

RT: 19.398 min Scan# 2773

Delta R.T. -0.006 min

Lab File: BP017897.D

Acq: 02 Nov 2023 21:10

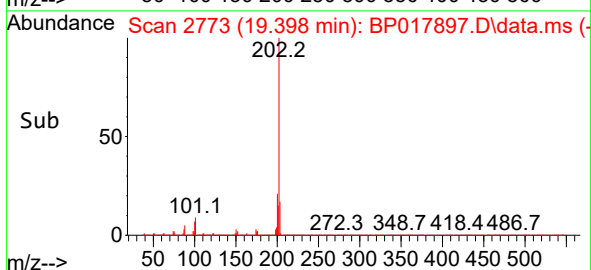
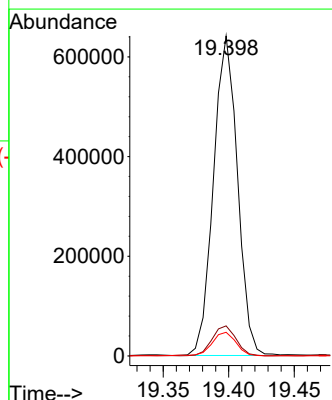
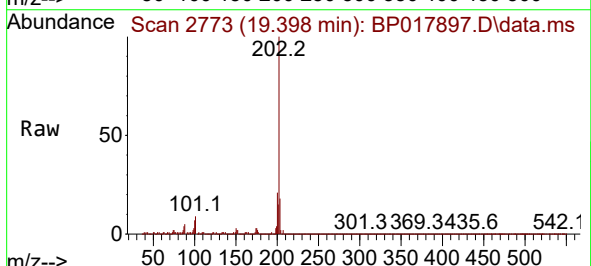
Tgt Ion:202 Resp: 815321

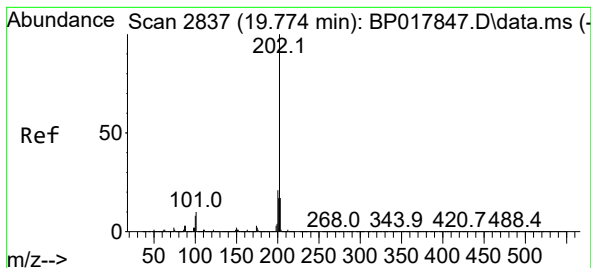
Ion Ratio Lower Upper

202 100

101 9.4 7.1 10.7

100 7.4 5.7 8.5





#82

Pyrene

Concen: 19.885 ng/ul

RT: 19.757 min Scan# 2834

Delta R.T. -0.006 min

Lab File: BP017897.D

Acq: 02 Nov 2023 21:10

Instrument :

BNA_P

ClientSampleId :

DCKH3MS

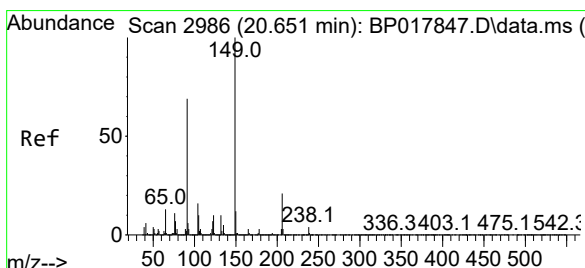
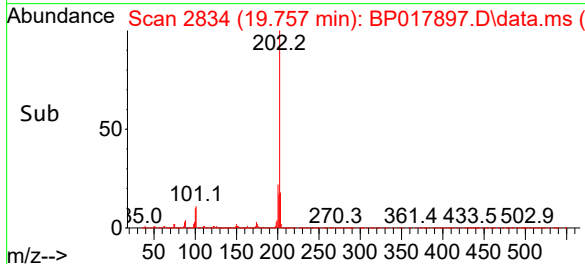
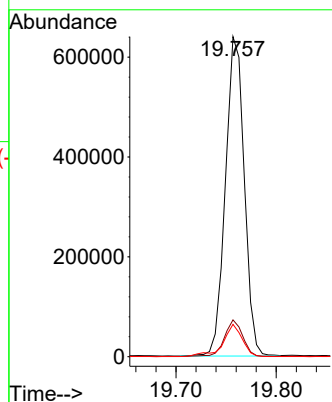
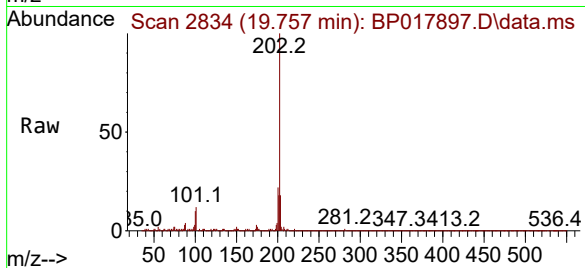
Tgt Ion:202 Resp: 835201

Ion Ratio Lower Upper

202 100

101 11.5 8.3 12.5

100 10.1 7.4 11.0



#83

Butylbenzylphthalate

Concen: 25.045 ng/ul

RT: 20.633 min Scan# 2983

Delta R.T. -0.000 min

Lab File: BP017897.D

Acq: 02 Nov 2023 21:10

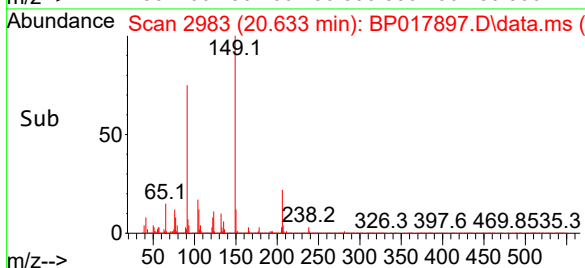
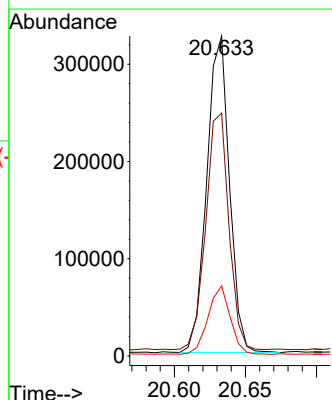
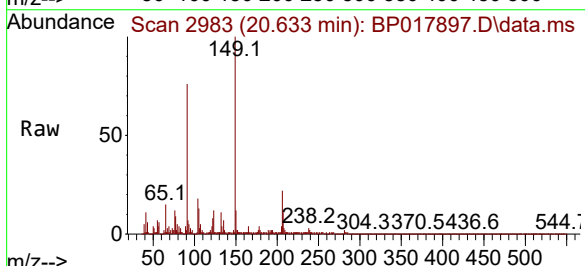
Tgt Ion:149 Resp: 361811

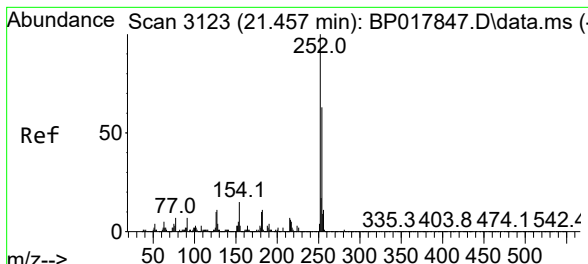
Ion Ratio Lower Upper

149 100

91 75.9 58.8 88.2

206 21.9 17.5 26.3

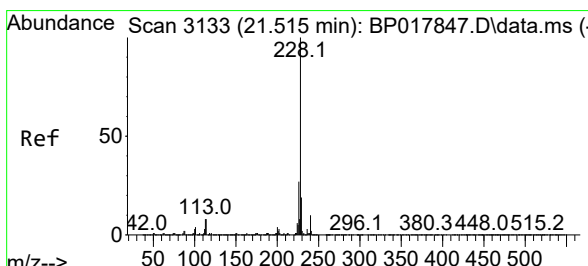
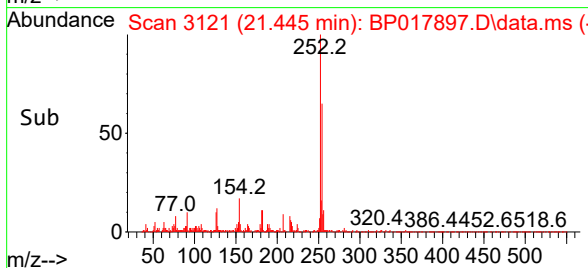
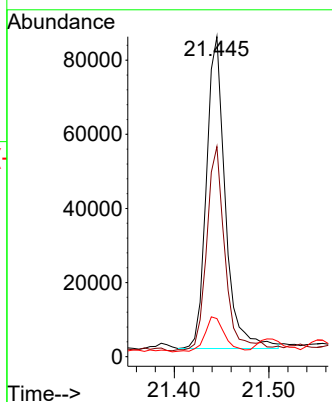
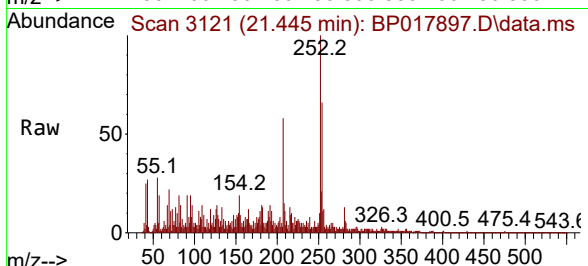




#84
 3,3'-Dichlorobenzidine
 Concen: 9.338 ng/ul
 RT: 21.445 min Scan# 3121
 Delta R.T. -0.000 min
 Lab File: BP017897.D
 Acq: 02 Nov 2023 21:10

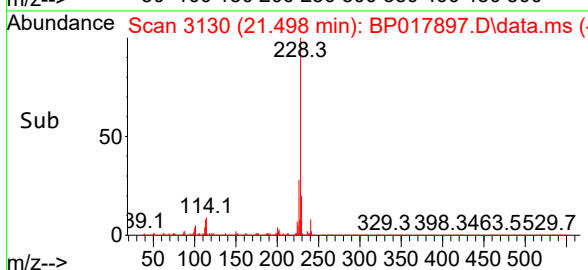
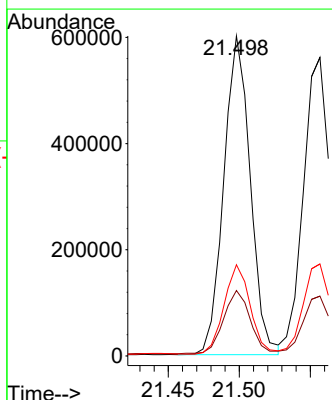
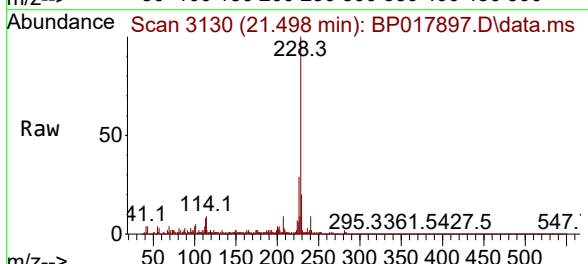
Instrument :
 BNA_P
 ClientSampleId :
 DCKH3MS

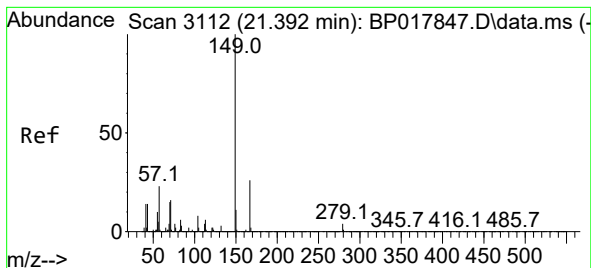
Tgt Ion:	252	Resp:	116116
Ion Ratio	Lower	Upper	
252	100		
254	65.6	51.8	77.8
126	11.9	7.8	11.6#



#85
 Benzo(a)anthracene
 Concen: 18.611 ng/ul
 RT: 21.498 min Scan# 3130
 Delta R.T. -0.000 min
 Lab File: BP017897.D
 Acq: 02 Nov 2023 21:10

Tgt Ion:	228	Resp:	778690
Ion Ratio	Lower	Upper	
228	100		
229	20.5	15.6	23.4
226	28.5	21.1	31.7

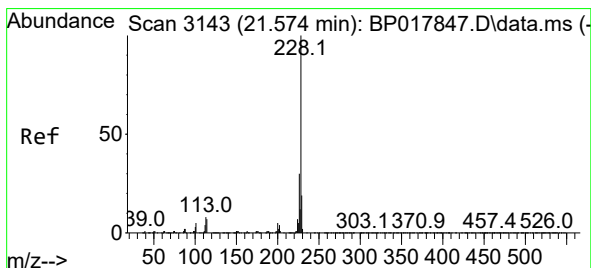
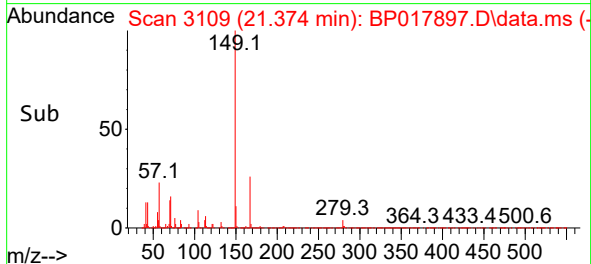
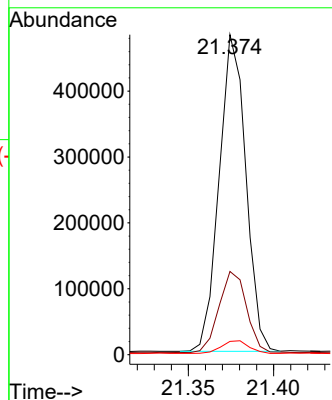
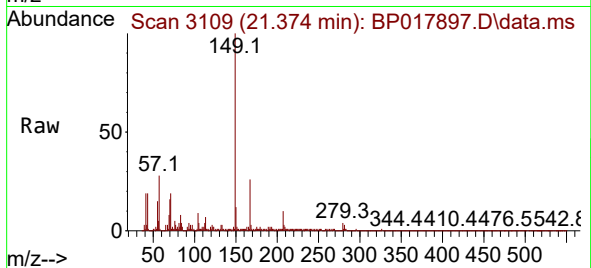




#86
Bis(2-ethylhexyl)phthalate
Concen: 25.930 ng/ul
RT: 21.374 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP017897.D
Acq: 02 Nov 2023 21:10

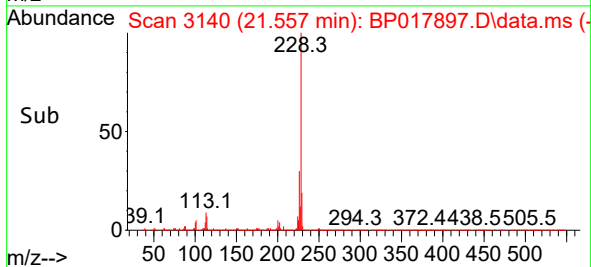
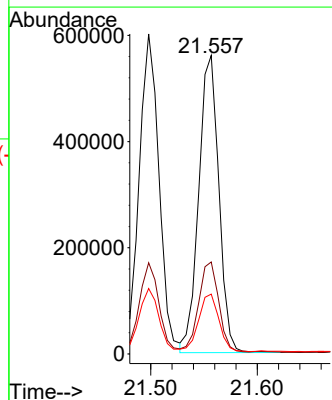
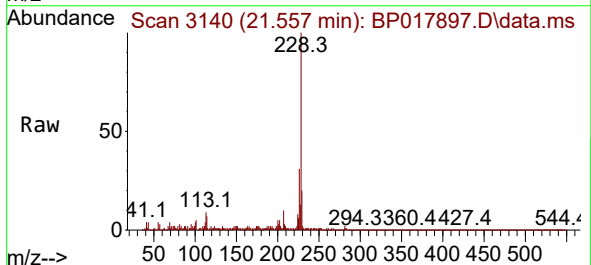
Instrument :
BNA_P
ClientSampleId :
DCKH3MS

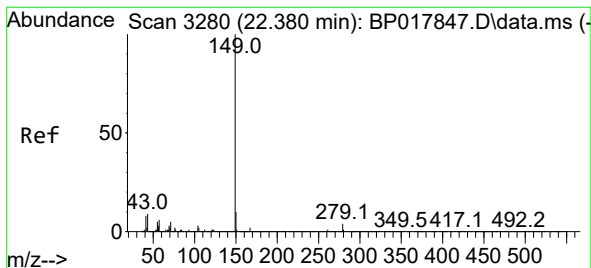
Tgt Ion:149 Resp: 522909
Ion Ratio Lower Upper
149 100
167 26.0 21.6 32.4
279 4.2 3.6 5.4



#87
Chrysene
Concen: 18.588 ng/ul
RT: 21.557 min Scan# 3140
Delta R.T. -0.000 min
Lab File: BP017897.D
Acq: 02 Nov 2023 21:10

Tgt Ion:228 Resp: 735465
Ion Ratio Lower Upper
228 100
226 30.8 24.0 36.0
229 20.0 15.5 23.3





#89

Di-n-octyl phthalate

Concen: 22.943 ng/ul

RT: 22.363 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP017897.D

Acq: 02 Nov 2023 21:10

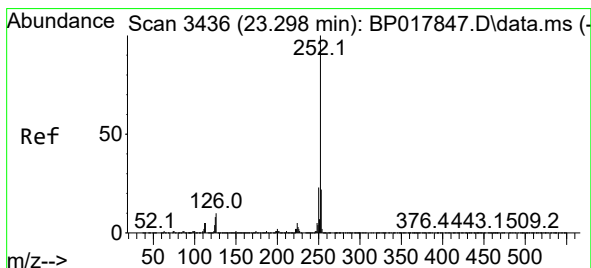
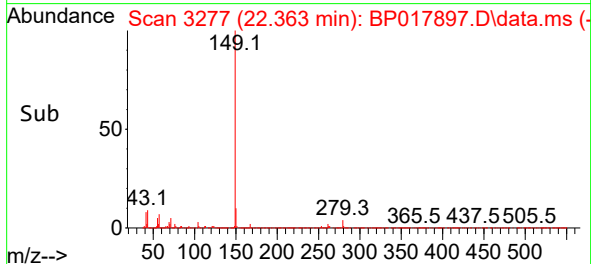
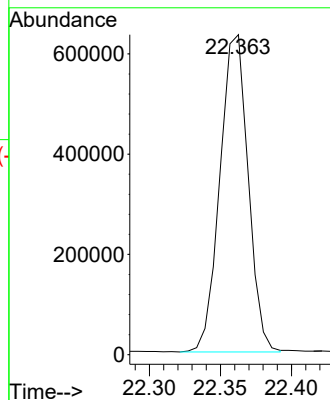
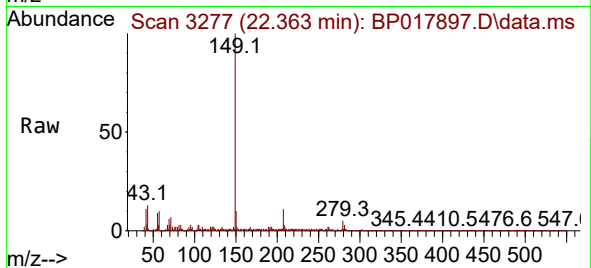
Instrument :

BNA_P

ClientSampleId :

DCKH3MS

Tgt Ion:149 Resp: 875487



#90

Benzo(b)fluoranthene

Concen: 18.902 ng/ul

RT: 23.280 min Scan# 3433

Delta R.T. 0.006 min

Lab File: BP017897.D

Acq: 02 Nov 2023 21:10

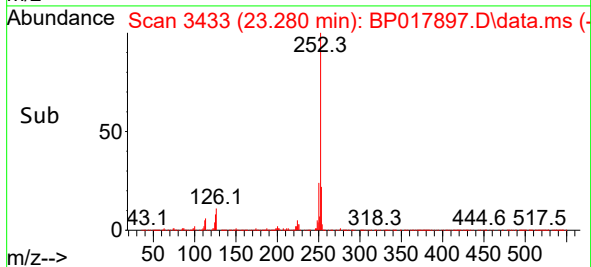
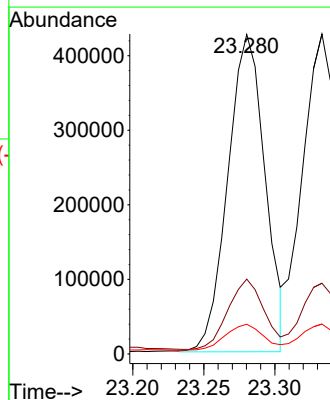
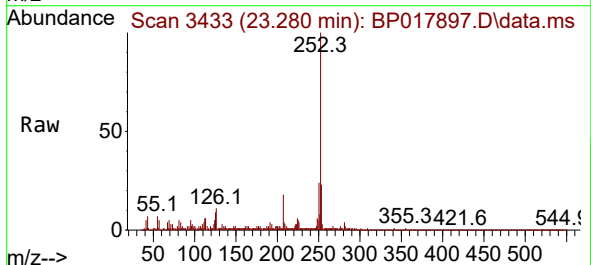
Tgt Ion:252 Resp: 774977

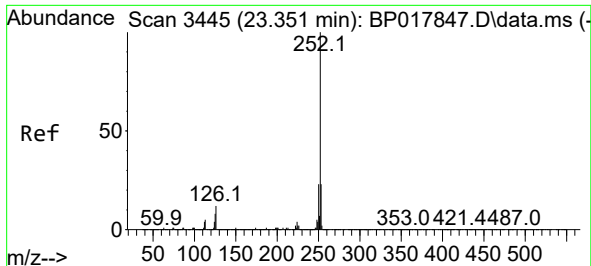
Ion Ratio Lower Upper

252 100

253 23.4 17.4 26.0

125 9.3 7.1 10.7

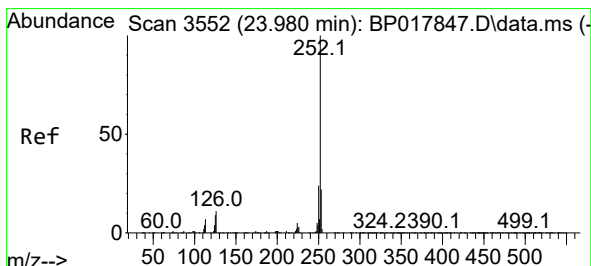
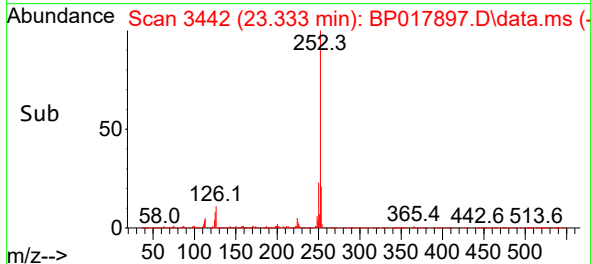
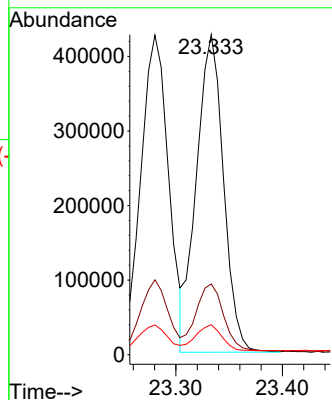
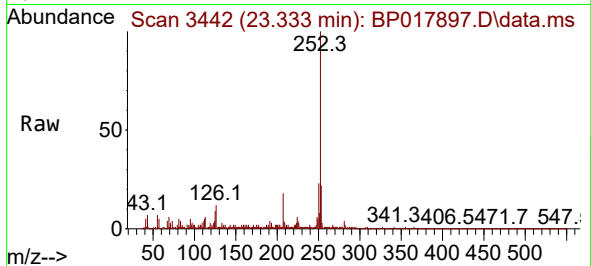




#91
Benzo(k)fluoranthene
Concen: 18.091 ng/ul
RT: 23.333 min Scan# 3445
Delta R.T. 0.006 min
Lab File: BP017897.D
Acq: 02 Nov 2023 21:10

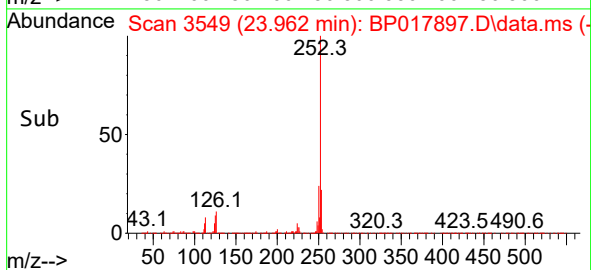
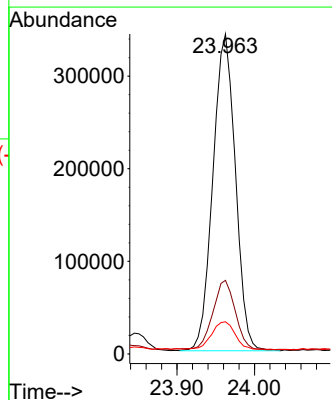
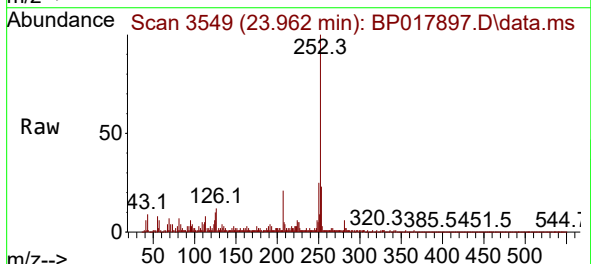
Instrument :
BNA_P
ClientSampleId :
DCKH3MS

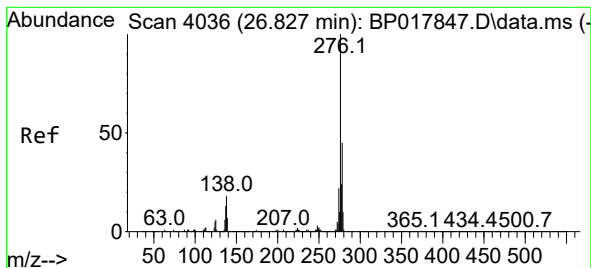
Tgt Ion:252 Resp: 751730
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.4 7.0 10.6



#93
Benzo(a)pyrene
Concen: 17.939 ng/ul
RT: 23.962 min Scan# 3549
Delta R.T. 0.006 min
Lab File: BP017897.D
Acq: 02 Nov 2023 21:10

Tgt Ion:252 Resp: 690491
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 10.1 7.8 11.6





#94

Indeno(1,2,3-cd)pyrene

Concen: 18.149 ng/ul

RT: 26.804 min Scan# 4036

Delta R.T. 0.023 min

Lab File: BP017897.D

Acq: 02 Nov 2023 21:10

Instrument :

BNA_P

ClientSampleId :

DCKH3MS

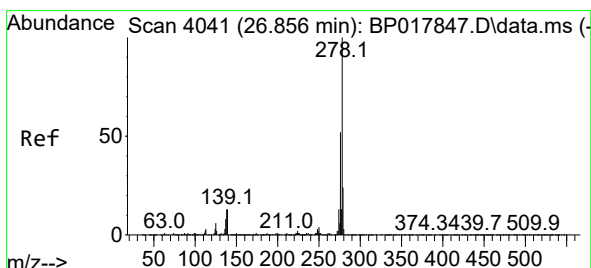
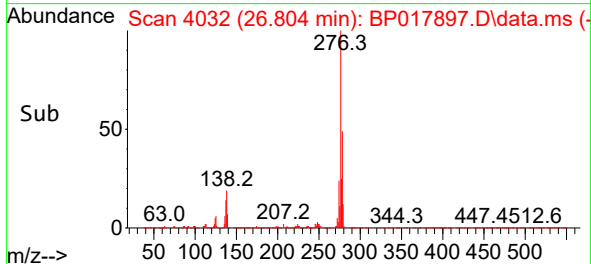
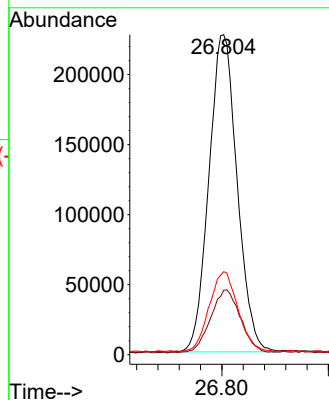
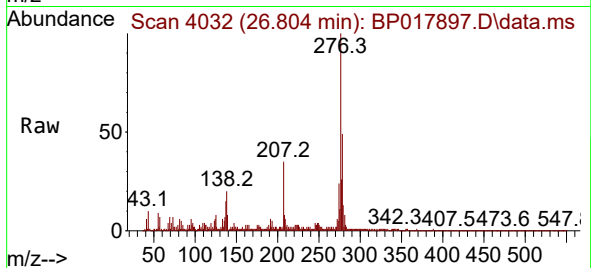
Tgt Ion:276 Resp: 832583

Ion Ratio Lower Upper

276 100

138 20.2 15.6 23.4

277 26.0 19.4 29.2



#95

Dibenzo(a,h)anthracene

Concen: 17.647 ng/ul

RT: 26.827 min Scan# 4036

Delta R.T. 0.018 min

Lab File: BP017897.D

Acq: 02 Nov 2023 21:10

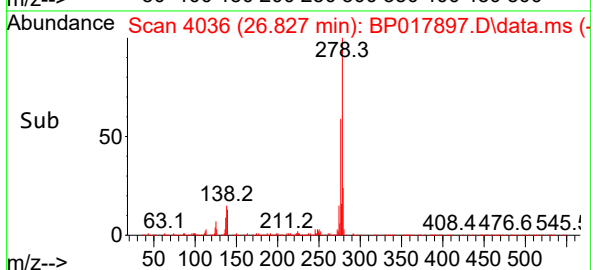
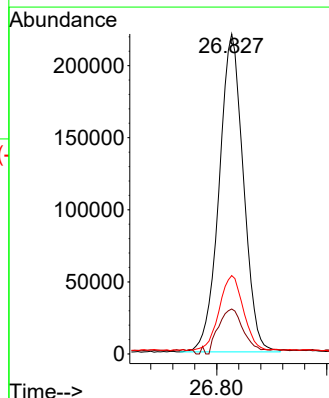
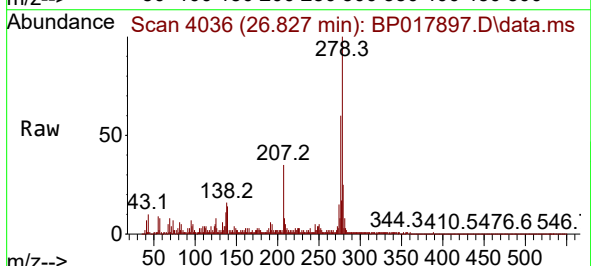
Tgt Ion:278 Resp: 675435

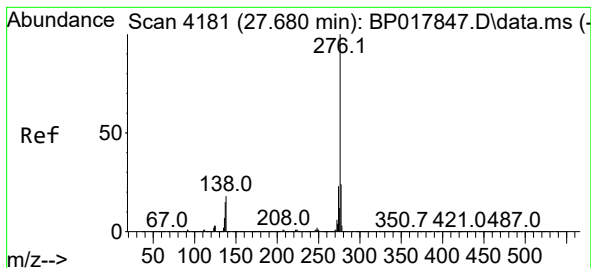
Ion Ratio Lower Upper

278 100

139 14.0 11.4 17.2

279 24.5 18.8 28.2





#96

Benzo(g,h,i)perylene

Concen: 17.749 ng/ul

RT: 27.656 min Scan# 41

Delta R.T. 0.029 min

Lab File: BP017897.D

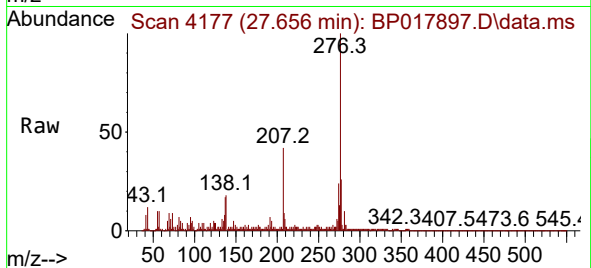
Acq: 02 Nov 2023 21:10

Instrument :

BNA_P

ClientSampleId :

DCKH3MS



Tgt Ion:276 Resp: 656025

Ion Ratio Lower Upper

276 100

138 17.8 15.0 22.6

277 25.8 18.5 27.7

