

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103123\
 Data File : BP017825.D
 Acq On : 31 Oct 2023 10:40
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020797

Quant Time: Nov 01 01:38:16 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	7.887	152	105583	20.000	ng/ul	0.00
20) Naphthalene-d8	10.716	136	419928	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.586	164	257046	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.374	188	544131	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.521	240	487499	20.000	ng/ul	0.00
88) Perylene-d12	24.080	264	509918	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	25224	8.887	ng/uL	0.02
4) Pyridine-d5	3.710	84	153750	20.691	ng/ul	0.02
7) Phenol-d5	7.051	99	185525	21.116	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	122968	22.662	ng/ul	0.00
11) 2-Chlorophenol-d4	7.410	132	156392	21.824	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	147749	21.414	ng/ul	0.00
21) Nitrobenzene-d5	9.181	128	133	0.039	ng/ul	0.08
24) 2-Nitrophenol-d4	9.810	143	78780	20.954	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.340	165	148455	20.129	ng/ul	0.00
31) 4-Chloroaniline-d4	10.892	131	190838	19.773	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	423938	19.647	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	476908	19.818	ng/ul	0.00
54) 4-Nitrophenol-d4	14.833	143	53489	17.397	ng/ul	0.00
60) Fluorene-d10	15.586	176	360441	19.324	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	63572	17.737	ng/ul	0.00
73) Anthracene-d10	17.474	188	553505	19.906	ng/ul	0.00
81) Pyrene-d10	19.739	212	632903	20.708	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.909	264	564692	19.883	ng/ul	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.316	88	27626	9.177	ng/uL	92
5) Pyridine	3.728	79	158320	20.795	ng/ul	94
6) Benzaldehyde	7.051	77	118962	25.169	ng/ul	96
8) Phenol	7.075	94	188185	21.723	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.328	93	157360	21.773	ng/ul	97
12) 2-Chlorophenol	7.440	128	157199	21.841	ng/ul	97
13) 2-Methylphenol	8.340	108	136680	20.906	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.404	45	122276	13.745	ng/ul	96
16) Acetophenone	8.745	105	234023	21.574	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.710	70	108096	21.009	ng/ul	98
18) 4-Methylphenol	8.675	108	146470	21.096	ng/ul	98
19) Hexachloroethane	8.945	117	76528	23.141	ng/ul	82
22) Nitrobenzene	9.140	77	197182	23.273	ng/ul	96
23) Isophorone	9.651	82	320986	21.186	ng/ul	98
25) 2-Nitrophenol	9.845	139	84625	21.087	ng/ul#	84
26) 2,4-Dimethylphenol	9.887	107	171935	21.829	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.140	93	199712	21.313	ng/ul	98
29) 2,4-Dichlorophenol	10.363	162	144604	20.505	ng/ul	93
30) Naphthalene	10.769	128	488759	20.225	ng/ul	100
32) 4-Chloroaniline	10.916	127	185972	20.122	ng/ul	99
33) Hexachlorobutadiene	10.992	225	109373	19.101	ng/ul	97
34) Caprolactam	11.751	113	32520	17.908	ng/ul	88
35) 4-Chloro-3-methylphenol	12.028	107	145866	21.970	ng/ul	93
36) 2-Methylnaphthalene	12.386	142	327450	20.059	ng/ul	99

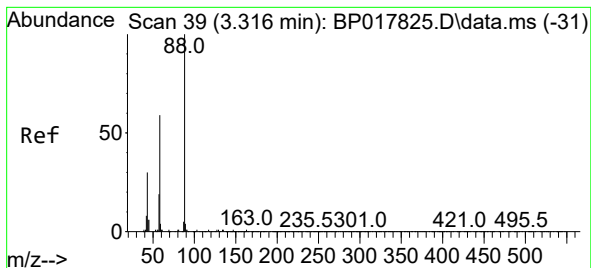
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 01:32:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.610	142	330579	19.802	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.739	216	178710	18.789	ng/ul#	97
40) Hexachlorocyclopentadiene	12.681	237	88495	16.194	ng/ul	98
41) 2,4,6-Trichlorophenol	13.004	196	110384	19.337	ng/ul	96
42) 2,4,5-Trichlorophenol	13.081	196	116652	19.766	ng/ul	97
43) 1,1'-Biphenyl	13.410	154	424488	20.045	ng/ul	100
44) 2-Chloronaphthalene	13.457	162	341515	19.949	ng/ul	96
45) 2-Nitroaniline	13.704	65	94089	24.186	ng/ul	91
47) Dimethylphthalate	14.051	163	417499	19.632	ng/ul	99
48) 2,6-Dinitrotoluene	14.204	165	79462	20.300	ng/ul	90
50) Acenaphthylene	14.310	152	544535	20.201	ng/ul	99
51) 3-Nitroaniline	14.545	138	71676	19.253	ng/ul	93
52) Acenaphthene	14.645	153	365490	20.057	ng/ul	99
53) 2,4-Dinitrophenol	14.757	184	30717	13.979	ng/ul#	80
55) 4-Nitrophenol	14.845	109	71305	21.908	ng/ul	90
56) Dibenzofuran	14.986	168	507319	19.830	ng/ul	90
57) 2,4-Dinitrotoluene	14.992	165	117481	20.335	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	15.210	232	96385	18.404	ng/ul#	86
59) Diethylphthalate	15.410	149	430102	20.947	ng/ul	98
61) Fluorene	15.645	166	410303	19.524	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.639	204	210039	18.804	ng/ul	91
63) 4-Nitroaniline	15.727	138	68398	20.369	ng/ul#	79
66) 4,6-Dinitro-2-methylph...	15.751	198	68013	17.717	ng/ul#	87
67) N-Nitrosodiphenylamine	15.869	169	339735	20.609	ng/ul	99
68) 4-Bromophenyl-phenylether	16.545	248	118609	18.630	ng/ul#	86
69) Hexachlorobenzene	16.627	284	129408	17.705	ng/ul#	89
70) Atrazine	16.833	200	116511	19.230	ng/ul	97
71) Pentachlorophenol	17.004	266	73633	16.757	ng/ul	95
72) Phenanthrene	17.422	178	640813	20.104	ng/ul	99
74) Anthracene	17.516	178	650930	20.163	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.357	216	175445	19.216	ng/ul	97
76) Pentachlorobenzene	14.880	250	162824	18.401	ng/ul	95
77) Carbazole	17.810	167	556149	20.383	ng/ul	98
78) Di-n-butylphthalate	18.321	149	696695	21.994	ng/ul	99
80) Fluoranthene	19.404	202	742804	21.153	ng/ul	98
82) Pyrene	19.768	202	779585	20.955	ng/ul	99
83) Butylbenzylphthalate	20.639	149	305016	23.837	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.451	252	193594	17.577	ng/ul#	99
85) Benzo(a)anthracene	21.504	228	748898	20.207	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.386	149	429247	24.031	ng/ul	99
87) Chrysene	21.562	228	711754	20.309	ng/ul	99
89) Di-n-octyl phthalate	22.368	149	737955	22.847	ng/ul	100
90) Benzo(b)fluoranthene	23.286	252	705760	20.337	ng/ul	99
91) Benzo(k)fluoranthene	23.339	252	705614	20.062	ng/ul	99
93) Benzo(a)pyrene	23.962	252	666251	20.450	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.803	276	753485	19.405	ng/ul#	96
95) Dibenzo(a,h)anthracene	26.827	278	615983	19.013	ng/ul	98
96) Benzo(g,h,i)perylene	27.645	276	606983	19.402	ng/ul	96

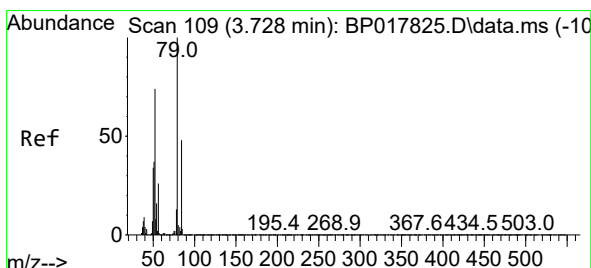
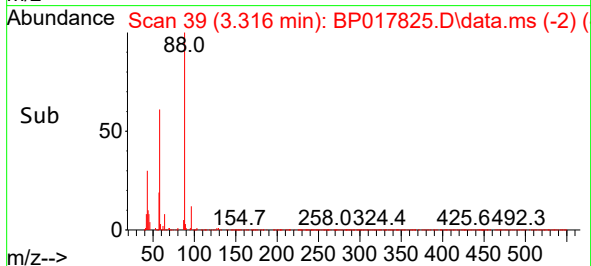
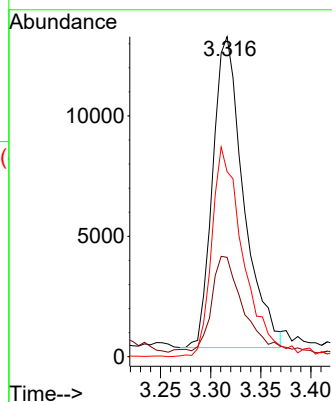
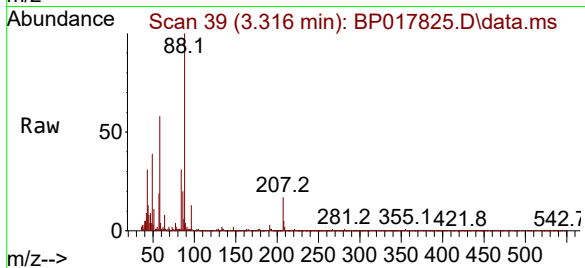
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#2
1,4-Dioxane
Concen: 9.177 ng/uL
RT: 3.316 min Scan# 39
Delta R.T. 0.017 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

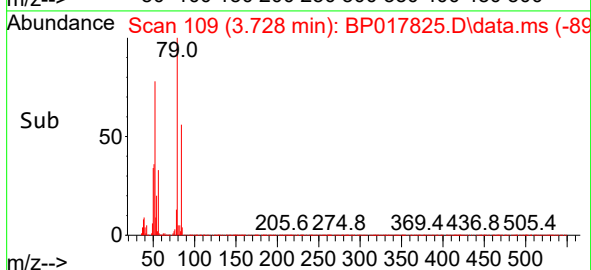
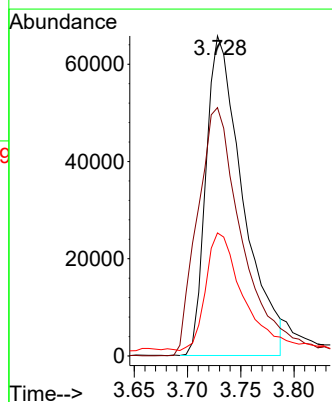
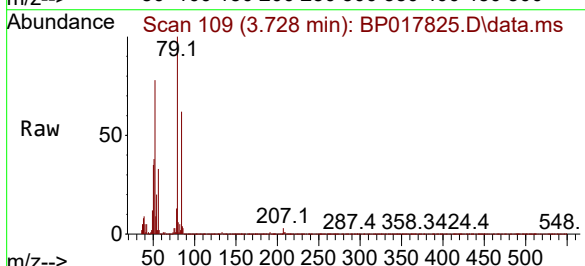
Instrument :
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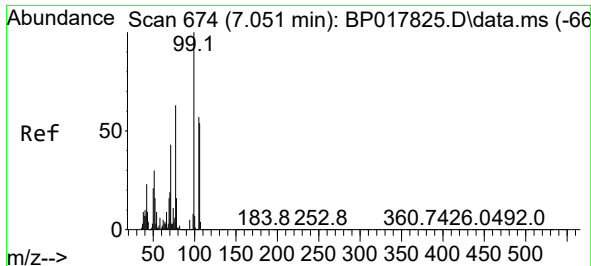
Tgt Ion:	88	Resp:	27626
Ion	Ratio	Lower	Upper
88	100		
43	31.0	24.4	36.6
58	57.9	53.0	79.6



#5
Pyridine
Concen: 20.795 ng/uL
RT: 3.728 min Scan# 109
Delta R.T. 0.017 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

Tgt Ion:	79	Resp:	158320
Ion	Ratio	Lower	Upper
79	100		
52	77.6	57.2	85.8
51	38.4	28.6	42.8

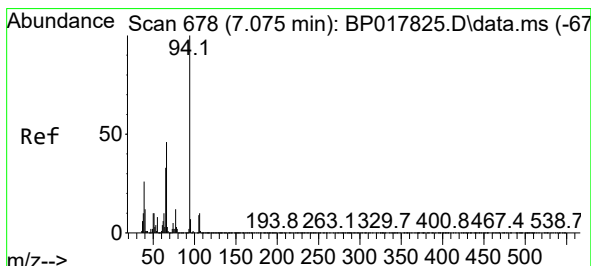
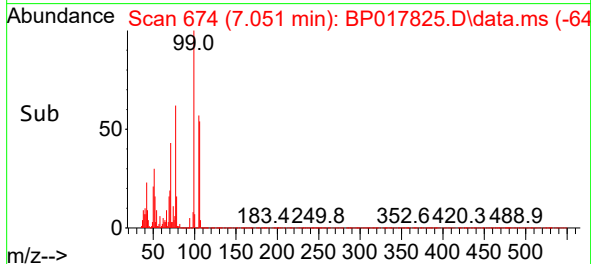
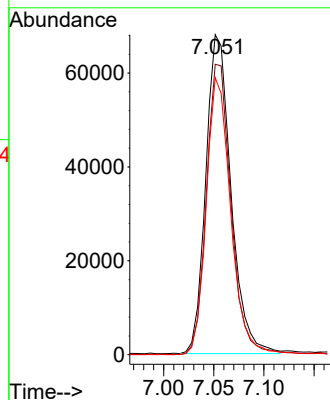
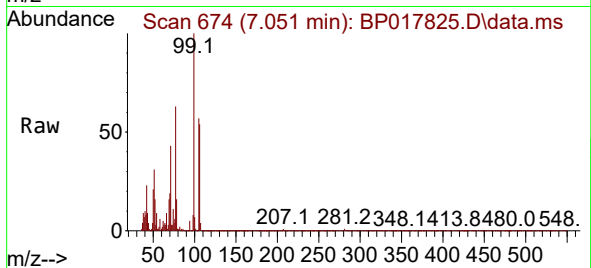




#6
Benzaldehyde
Concen: 25.169 ng/ul
RT: 7.051 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

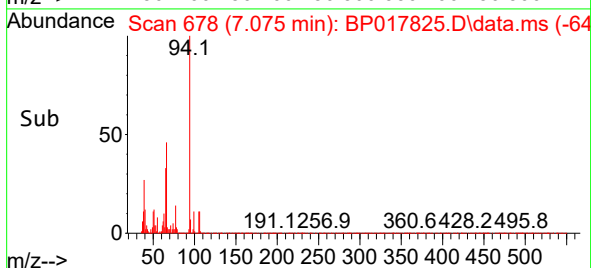
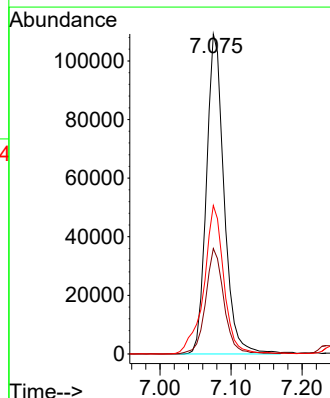
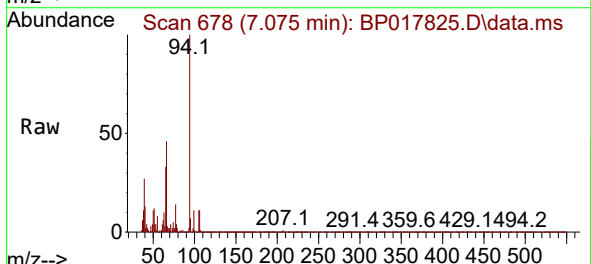
Instrument :
BNA_P
ClientSampleId :
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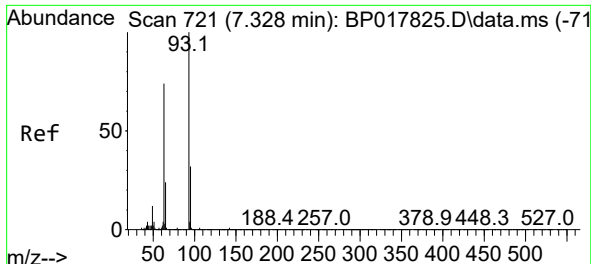
Tgt Ion: 77 Resp: 118962
Ion Ratio Lower Upper
77 100
105 90.7 75.4 113.2
106 86.6 72.3 108.5



#8
Phenol
Concen: 21.723 ng/ul
RT: 7.075 min Scan# 678
Delta R.T. -0.000 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

Tgt Ion: 94 Resp: 188185
Ion Ratio Lower Upper
94 100
65 32.9 25.0 37.4
66 46.4 33.0 49.6

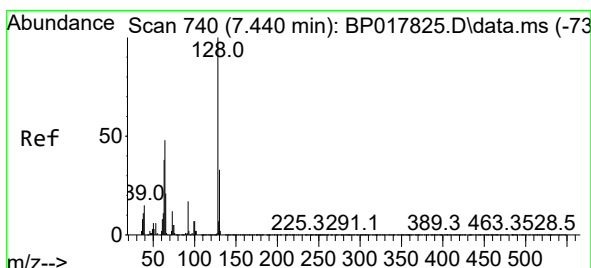
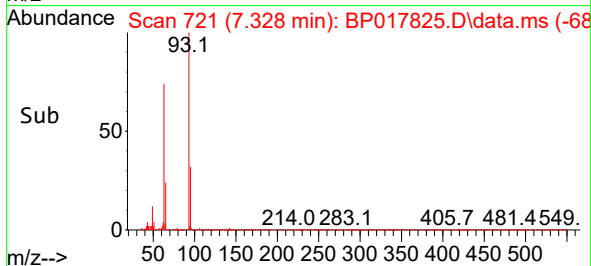
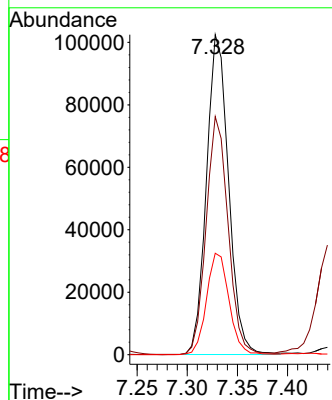
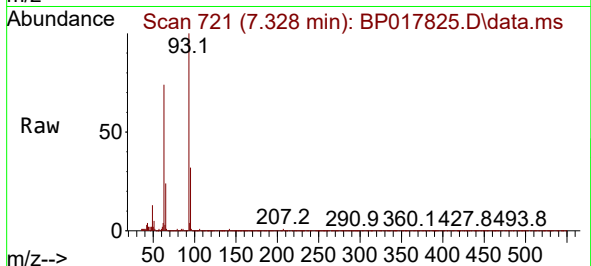




#10
Bis(2-Chloroethyl)ether
Concen: 21.773 ng/ul
RT: 7.328 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

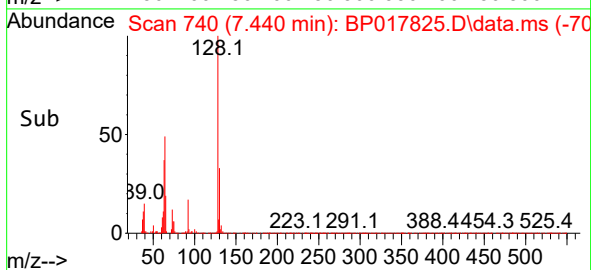
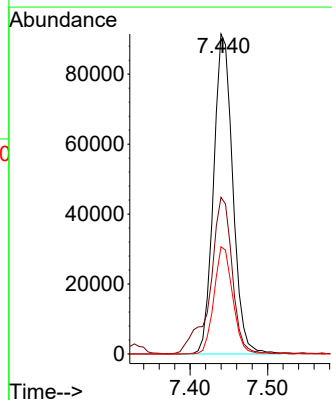
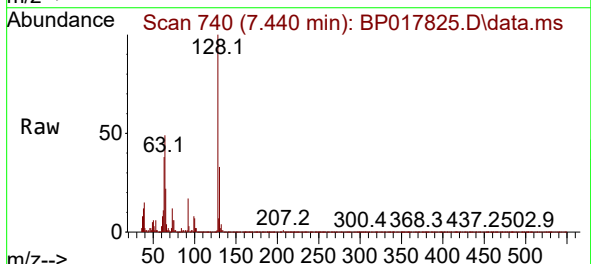
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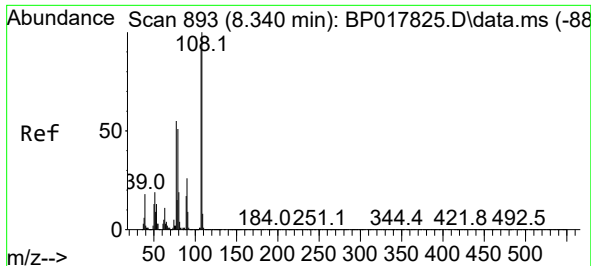
Tgt Ion: 93 Resp: 157360
Ion Ratio Lower Upper
93 100
63 74.4 60.7 91.1
95 31.7 27.8 41.6



#12
2-Chlorophenol
Concen: 21.841 ng/ul
RT: 7.440 min Scan# 740
Delta R.T. -0.000 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

Tgt Ion:128 Resp: 157199
Ion Ratio Lower Upper
128 100
64 49.0 36.7 55.1
130 33.5 26.2 39.2





#13

2-Methylphenol

Concen: 20.906 ng/ul

RT: 8.340 min Scan# 893

Delta R.T. -0.000 min

Lab File: BP017825.D

Acq: 31 Oct 2023 10:40

Instrument :

BNA_P

ClientSampleId :

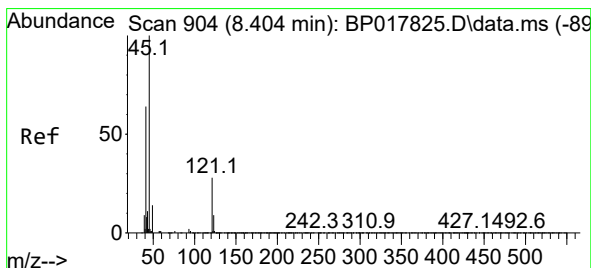
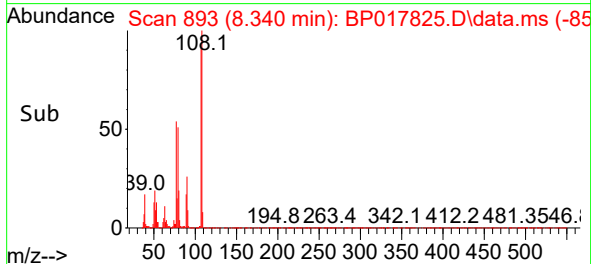
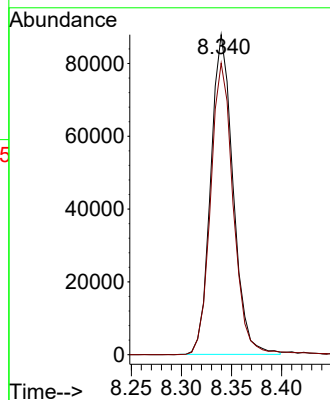
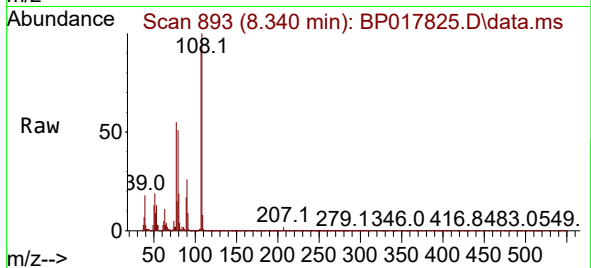
SSTD020797

Tgt Ion:108 Resp: 136680

Ion Ratio Lower Upper

108 100

107 91.1 73.4 110.2



#14

2,2'-oxybis(1-Chloropropane)

Concen: 13.745 ng/ul

RT: 8.404 min Scan# 904

Delta R.T. -0.000 min

Lab File: BP017825.D

Acq: 31 Oct 2023 10:40

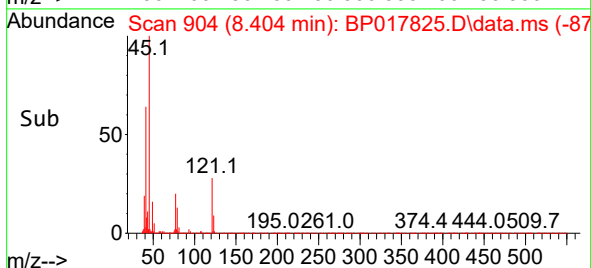
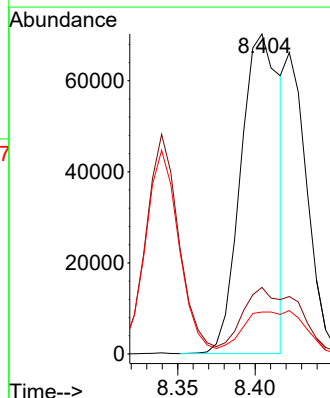
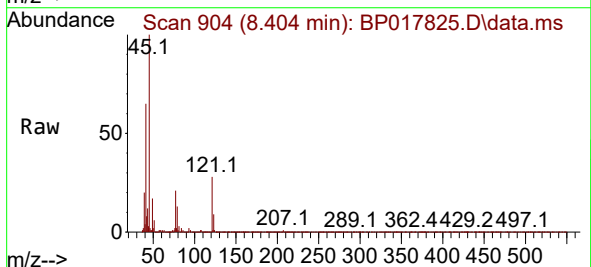
Tgt Ion: 45 Resp: 122276

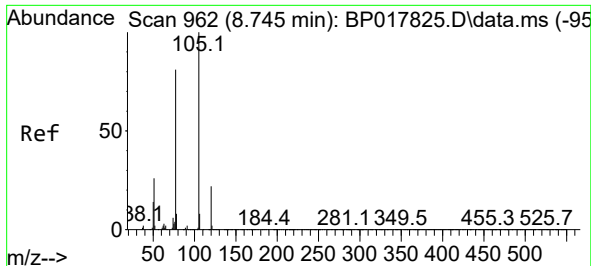
Ion Ratio Lower Upper

45 100

77 20.8 14.2 21.4

79 13.1 10.3 15.5

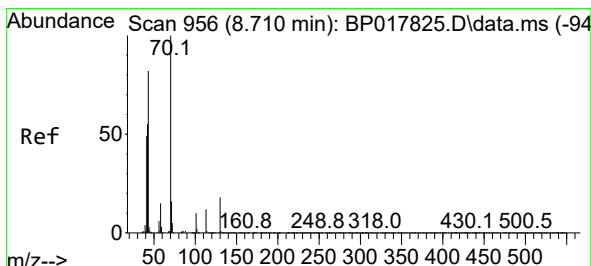
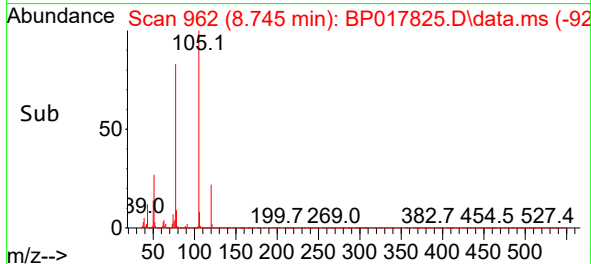
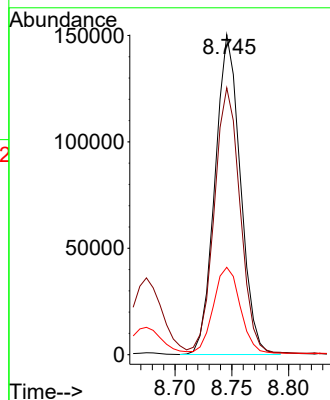
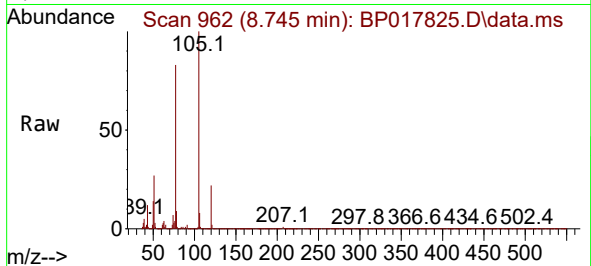




#16
Acetophenone
Concen: 21.574 ng/ul
RT: 8.745 min Scan# 962
Delta R.T. -0.000 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

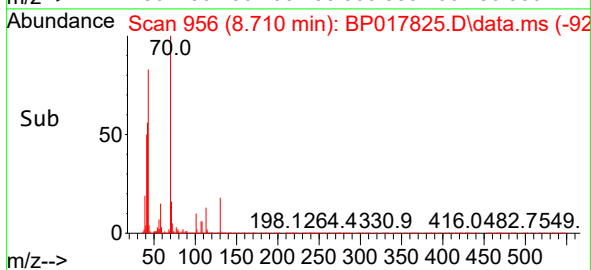
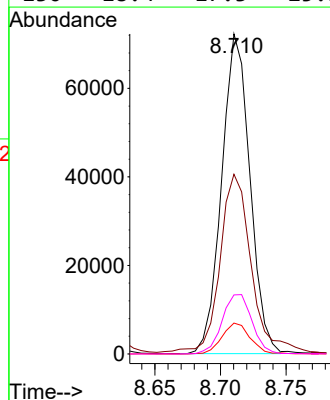
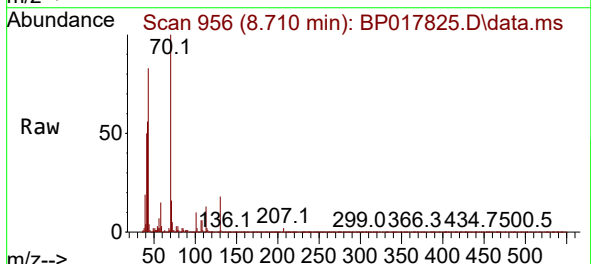
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BNA_P
ClientSampleId :
SSTD020797

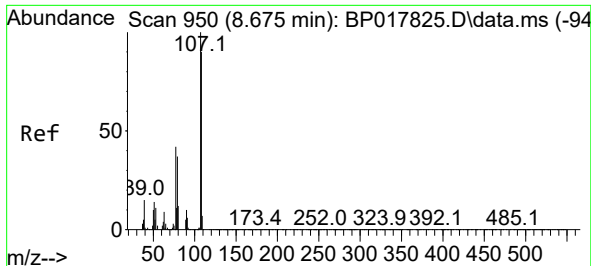
Tgt Ion:105 Resp: 234023
Ion Ratio Lower Upper
105 100
77 83.4 64.4 96.6
51 27.3 21.2 31.8



#17
N-Nitroso-di-n-propylamine
Concen: 21.009 ng/ul
RT: 8.710 min Scan# 956
Delta R.T. -0.006 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

Tgt Ion: 70 Resp: 108096
Ion Ratio Lower Upper
70 100
42 56.2 44.6 66.8
101 9.7 7.5 11.3
130 18.4 17.3 25.9

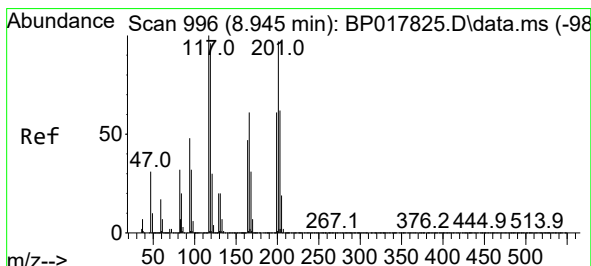
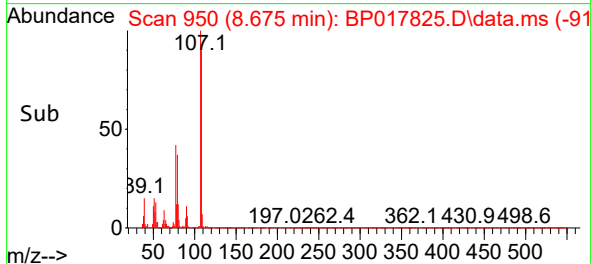
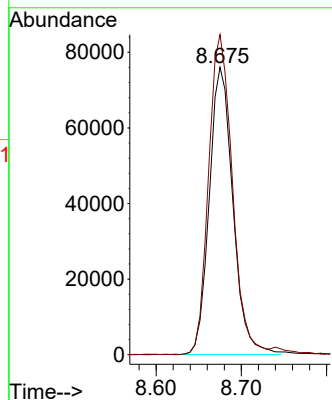
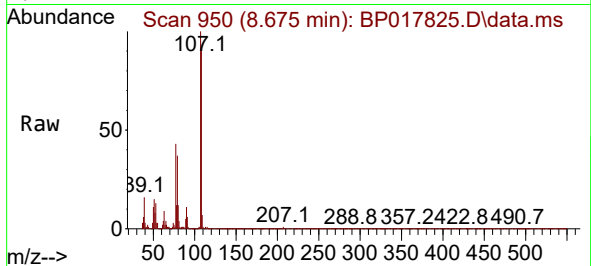




#18
4-Methylphenol
Concen: 21.096 ng/ul
RT: 8.675 min Scan# 911
Delta R.T. -0.000 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

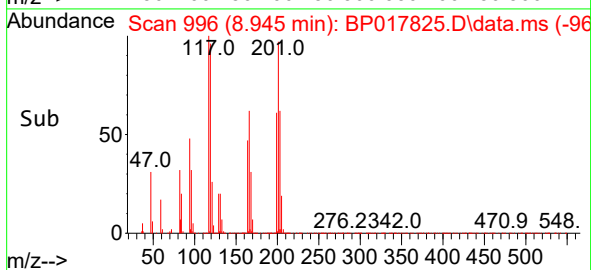
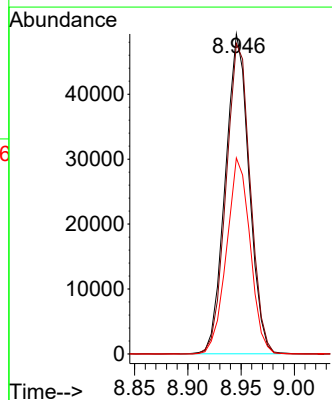
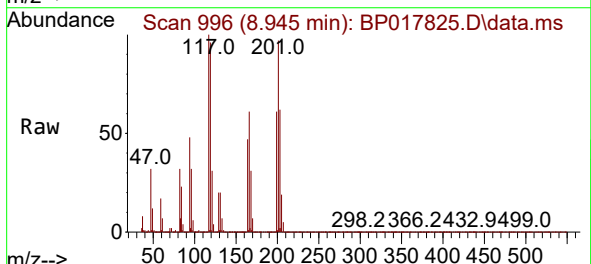
Instrument :
BNA_P
ClientSampleId :
SSTD020797

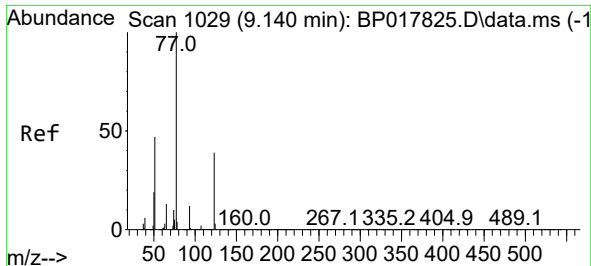
Tgt Ion:108 Resp: 146470
Ion Ratio Lower Upper
108 100
107 111.4 87.5 131.3



#19
Hexachloroethane
Concen: 23.141 ng/ul
RT: 8.945 min Scan# 996
Delta R.T. -0.006 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

Tgt Ion:117 Resp: 76528
Ion Ratio Lower Upper
117 100
201 97.0 96.3 144.5
199 61.2 57.7 86.5

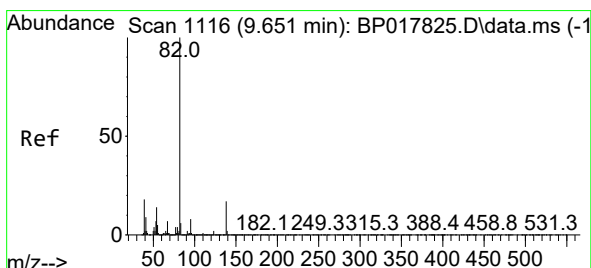
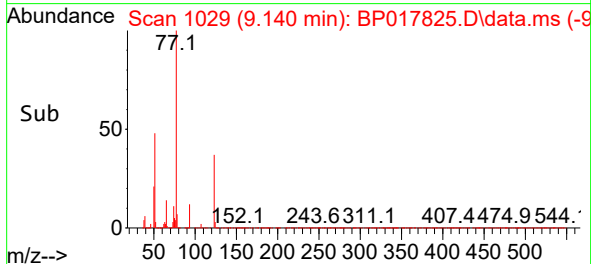
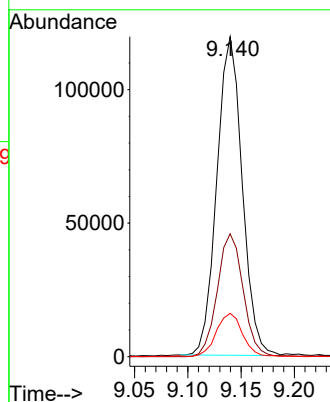
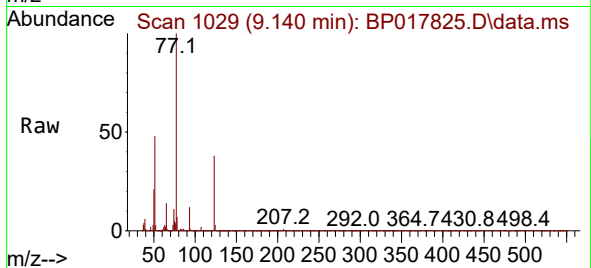




#22
Nitrobenzene
Concen: 23.273 ng/ul
RT: 9.140 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

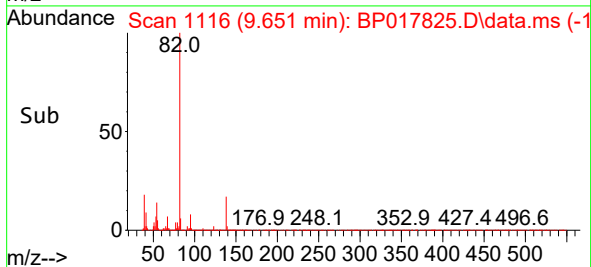
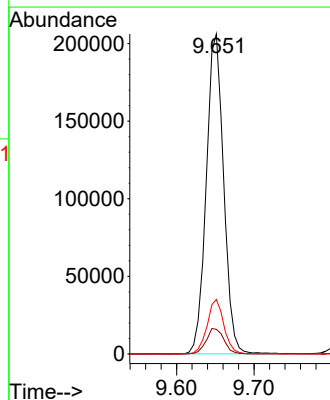
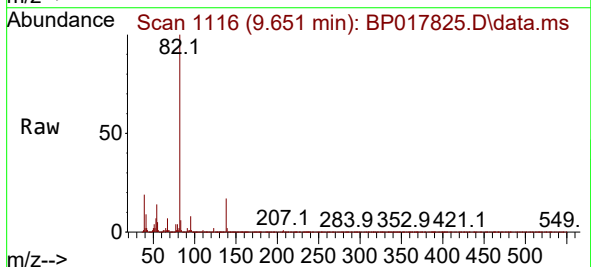
Instrument :
BNA_P
ClientSampleId :
SSTD020797

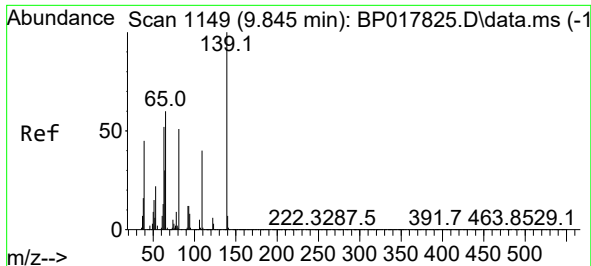
Tgt Ion: 77 Resp: 197182
Ion Ratio Lower Upper
77 100
123 38.4 33.5 50.3
65 13.6 10.8 16.2



#23
Isophorone
Concen: 21.186 ng/ul
RT: 9.651 min Scan# 1116
Delta R.T. -0.000 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

Tgt Ion: 82 Resp: 320986
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 17.0 14.4 21.6

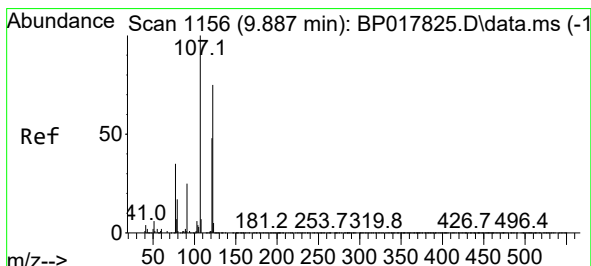
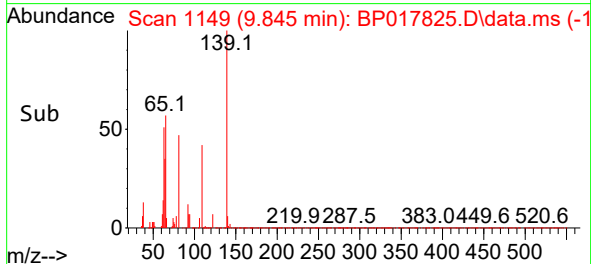
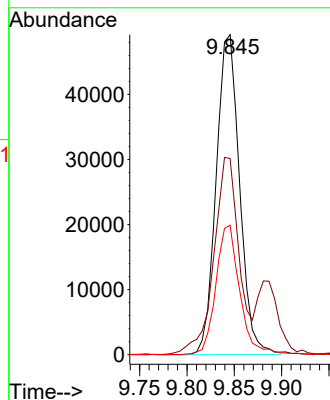
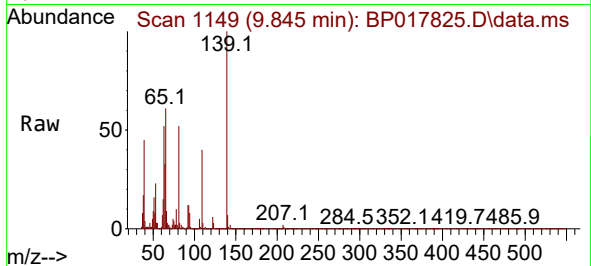




#25
2-Nitrophenol
Concen: 21.087 ng/ul
RT: 9.845 min Scan# 1149
Delta R.T. -0.000 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

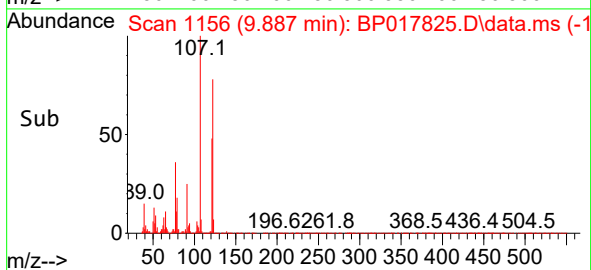
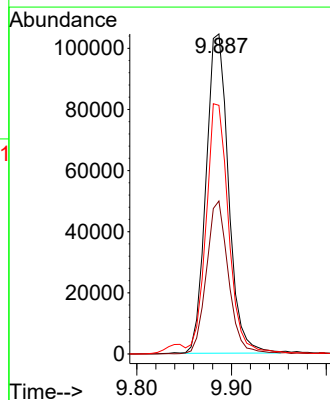
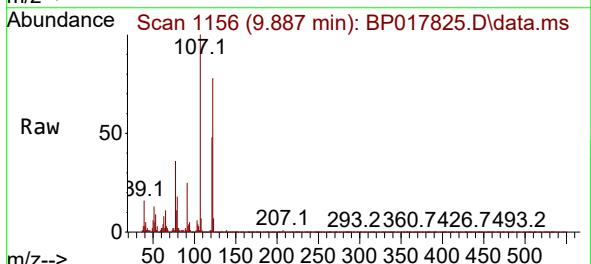
Instrument :
BNA_P
ClientSampleId :
SSTD020797

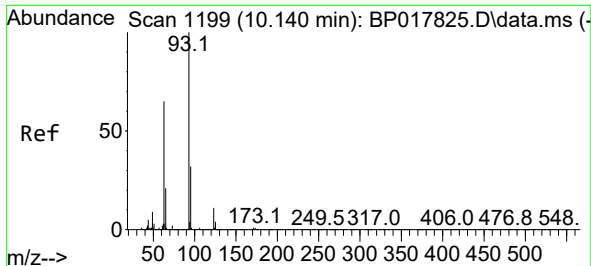
Tgt Ion:139 Resp: 84625
Ion Ratio Lower Upper
139 100
65 61.3 40.4 60.6#
109 40.4 25.4 38.2#



#26
2,4-Dimethylphenol
Concen: 21.829 ng/ul
RT: 9.887 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

Tgt Ion:107 Resp: 171935
Ion Ratio Lower Upper
107 100
121 47.8 40.6 61.0
122 77.7 66.9 100.3





#27

Bis(2-Chloroethoxy)methane

Concen: 21.313 ng/ul

RT: 10.140 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BP017825.D

Acq: 31 Oct 2023 10:40

Instrument :

BNA_P

ClientSampleId :

SSTD020797

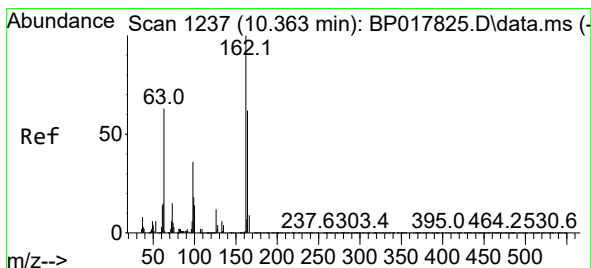
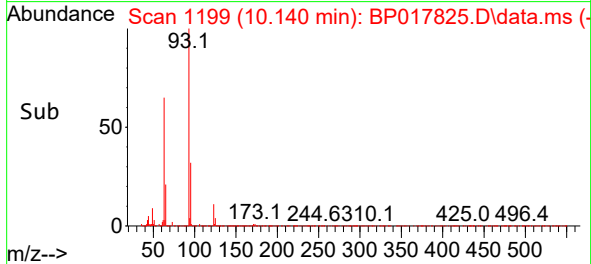
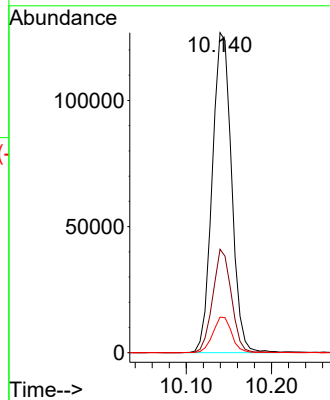
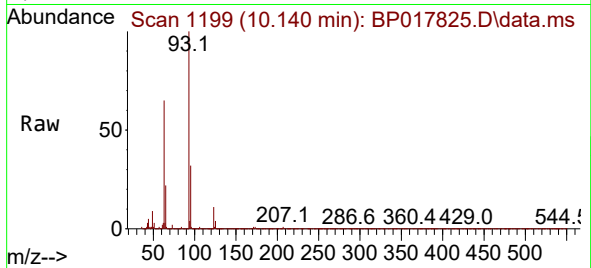
Tgt Ion: 93 Resp: 199712

Ion Ratio Lower Upper

93 100

95 32.3 24.7 37.1

123 11.1 8.9 13.3



#29

2,4-Dichlorophenol

Concen: 20.505 ng/ul

RT: 10.363 min Scan# 1237

Delta R.T. -0.006 min

Lab File: BP017825.D

Acq: 31 Oct 2023 10:40

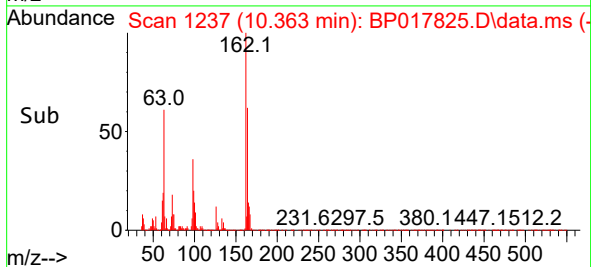
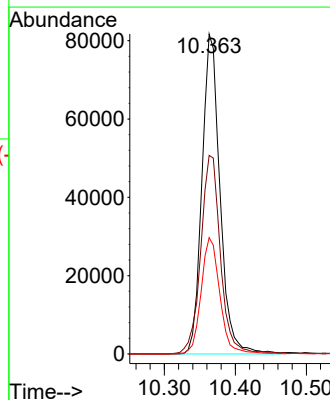
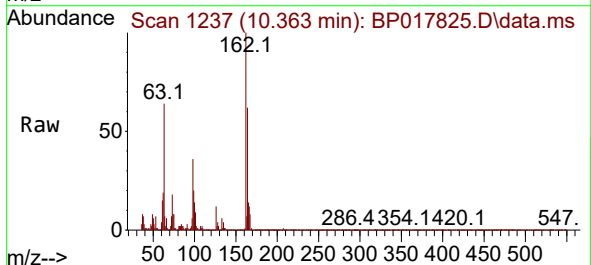
Tgt Ion:162 Resp: 144604

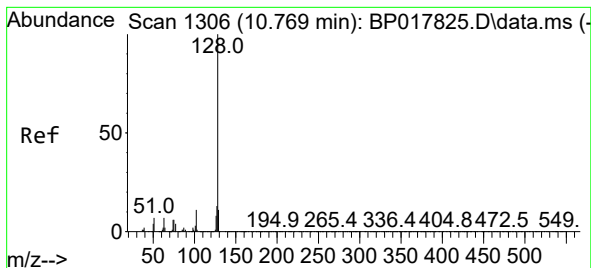
Ion Ratio Lower Upper

162 100

164 62.1 53.8 80.8

98 36.3 25.5 38.3

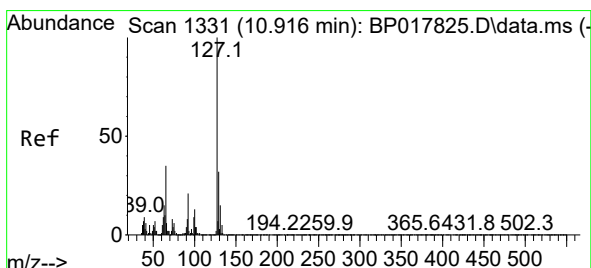
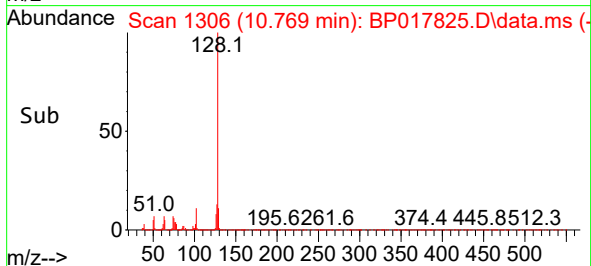
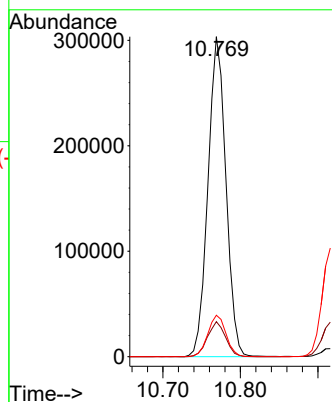
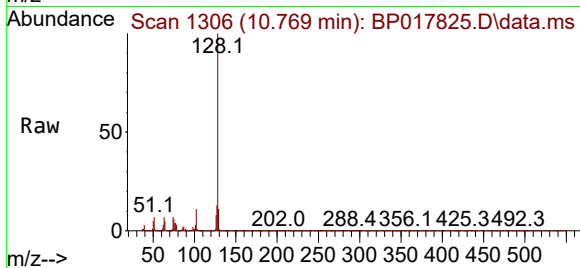




#30
Naphthalene
Concen: 20.225 ng/ul
RT: 10.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

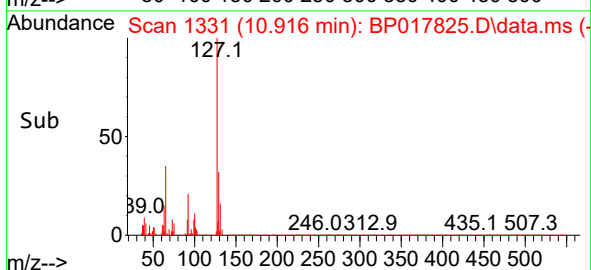
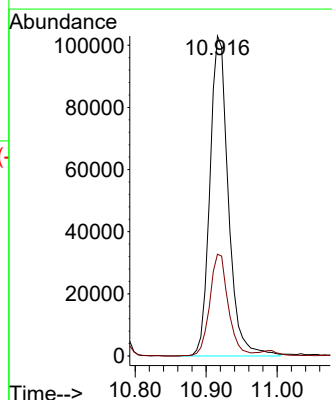
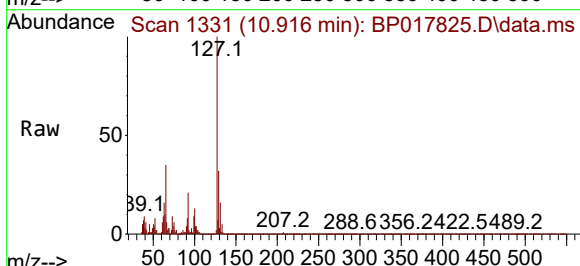
Instrument :
BNA_P
ClientSampleId :
SSTD020797

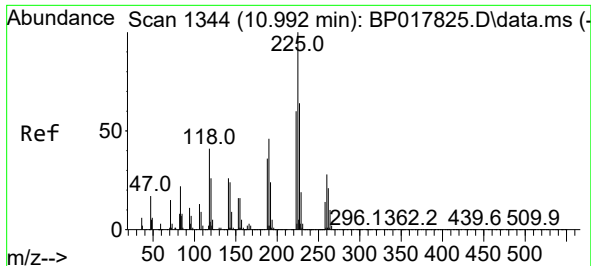
Tgt Ion:128 Resp: 488759
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.9 10.5 15.7



#32
4-Chloroaniline
Concen: 20.122 ng/ul
RT: 10.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

Tgt Ion:127 Resp: 185972
Ion Ratio Lower Upper
127 100
129 31.8 25.1 37.7

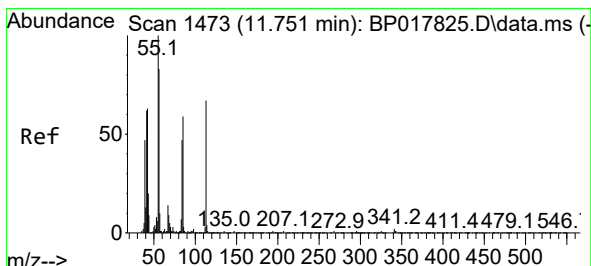
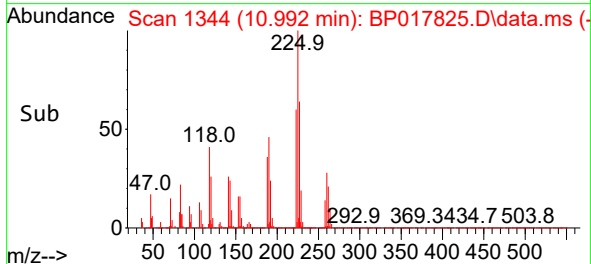
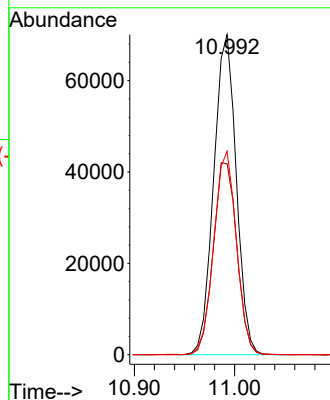
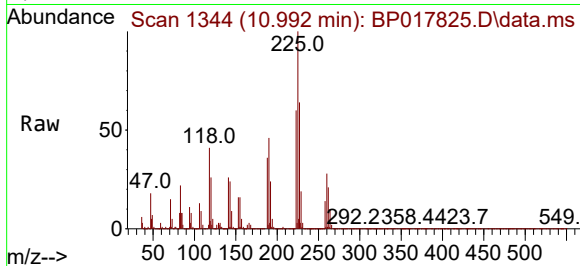




#33
Hexachlorobutadiene
Concen: 19.101 ng/ul
RT: 10.992 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

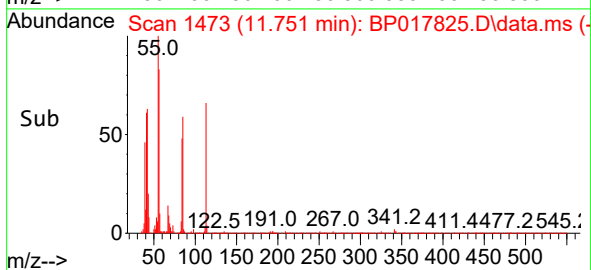
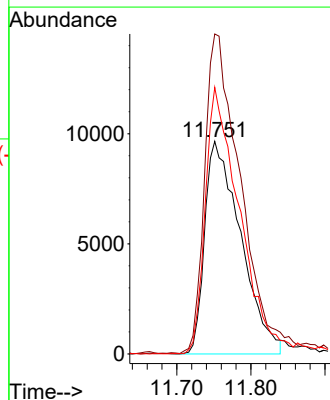
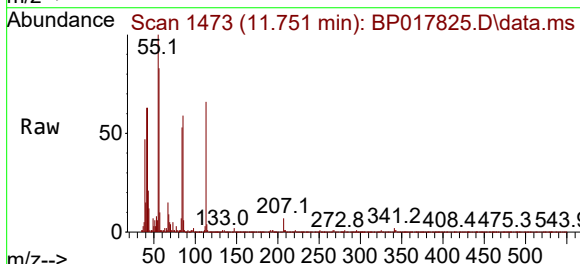
Instrument :
BNA_P
ClientSampleId :
SSTD020797

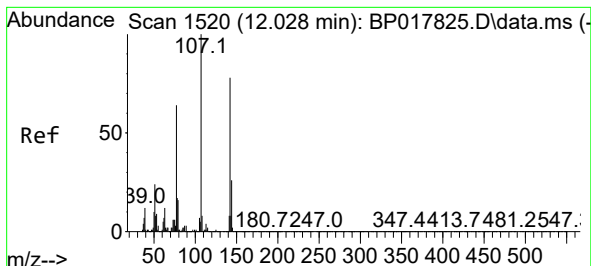
Tgt Ion:225 Resp: 109373
Ion Ratio Lower Upper
225 100
223 59.7 50.6 75.8
227 63.6 50.1 75.1



#34
Caprolactam
Concen: 17.908 ng/ul
RT: 11.751 min Scan# 1473
Delta R.T. -0.018 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

Tgt Ion:113 Resp: 32520
Ion Ratio Lower Upper
113 100
55 150.5 112.1 168.1
56 125.3 87.0 130.6

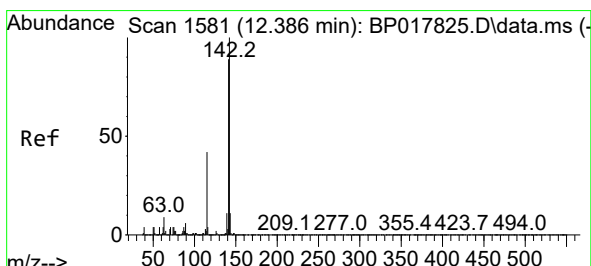
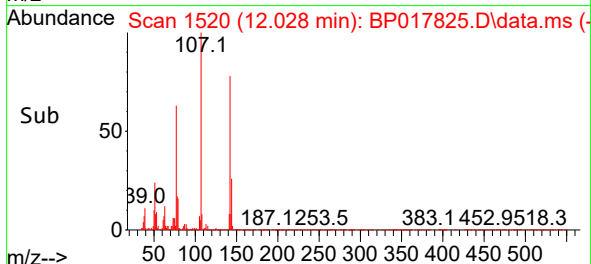
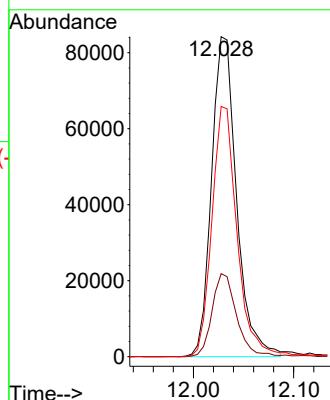
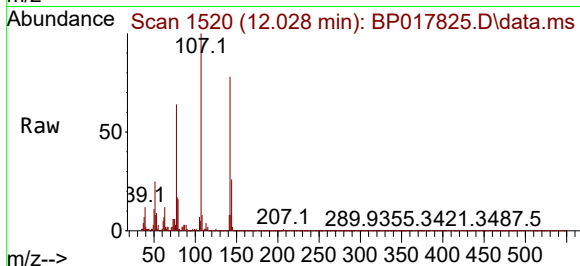




#35
 4-Chloro-3-methylphenol
 Concen: 21.970 ng/ul
 RT: 12.028 min Scan# 1520
 Delta R.T. -0.006 min
 Lab File: BP017825.D
 Acq: 31 Oct 2023 10:40

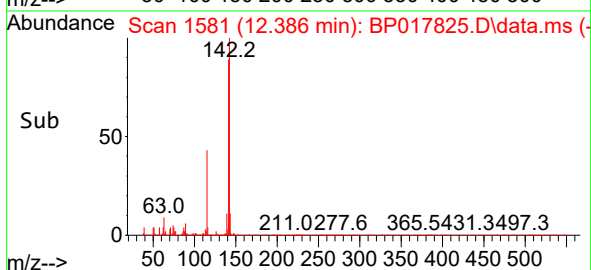
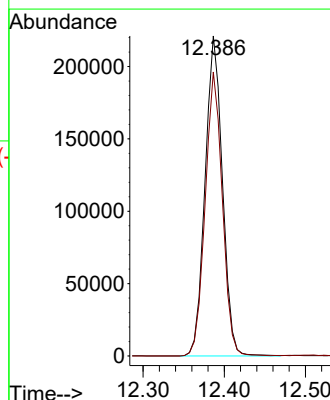
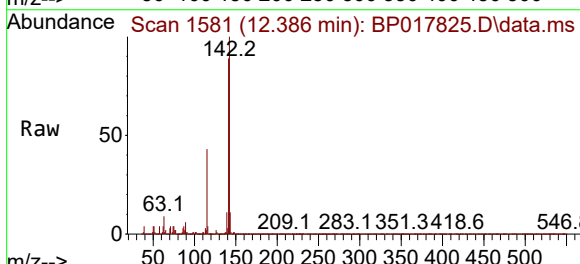
Instrument :
 BNA_P
 ClientSampleId :
 SSTD020797

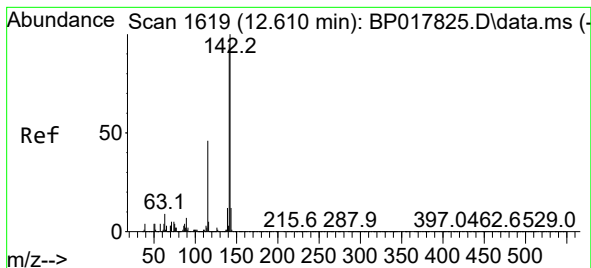
Tgt Ion:107 Resp: 145866
 Ion Ratio Lower Upper
 107 100
 144 26.0 22.9 34.3
 142 78.2 68.1 102.1



#36
 2-Methylnaphthalene
 Concen: 20.059 ng/ul
 RT: 12.386 min Scan# 1581
 Delta R.T. -0.006 min
 Lab File: BP017825.D
 Acq: 31 Oct 2023 10:40

Tgt Ion:142 Resp: 327450
 Ion Ratio Lower Upper
 142 100
 141 88.7 71.5 107.3

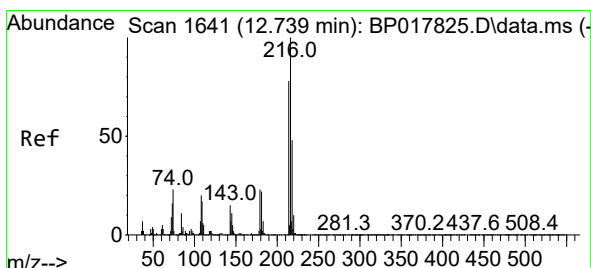
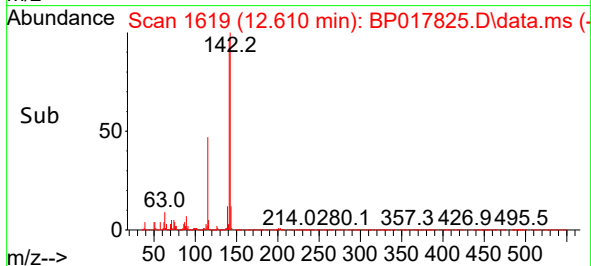
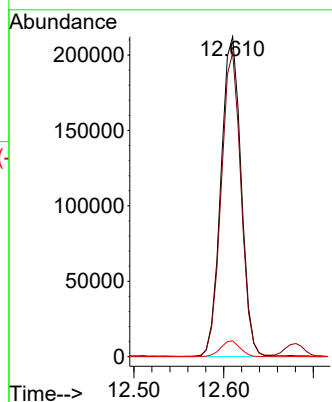
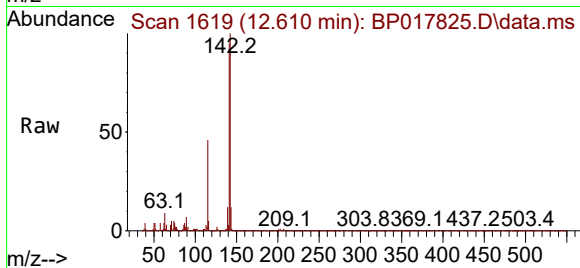




#37
1-Methylnaphthalene
Concen: 19.802 ng/ul
RT: 12.610 min Scan# 1619
Delta R.T. -0.000 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

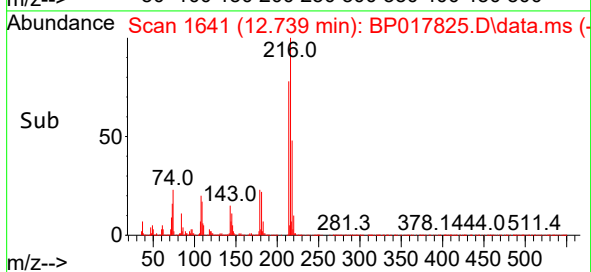
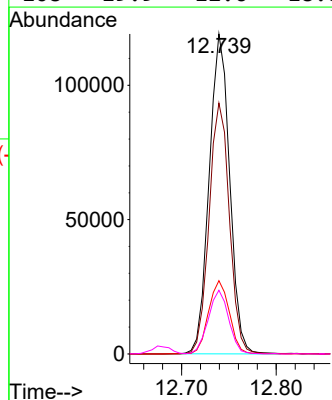
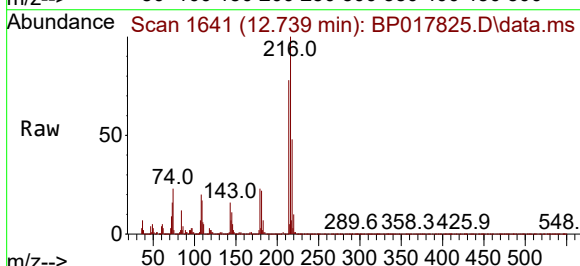
Instrument :
BNA_P
ClientSampleId :
SSTD020797

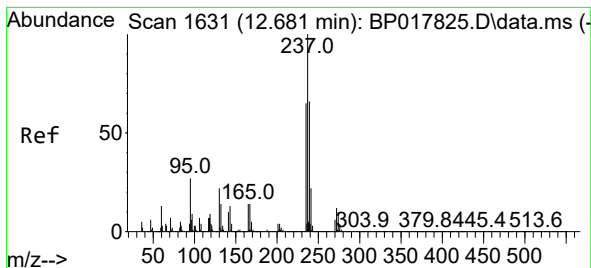
Tgt Ion:142 Resp: 330579
Ion Ratio Lower Upper
142 100
141 95.0 72.5 108.7
116 5.0 3.4 5.2



#39
1,2,4,5-Tetrachlorobenzene
Concen: 18.789 ng/ul
RT: 12.739 min Scan# 1641
Delta R.T. -0.006 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

Tgt Ion:216 Resp: 178710
Ion Ratio Lower Upper
216 100
214 78.4 62.2 93.2
179 22.9 15.8 23.8
108 19.9 12.6 18.8#





#40

Hexachlorocyclopentadiene

Concen: 16.194 ng/ul

RT: 12.681 min Scan# 1631

Delta R.T. -0.006 min

Lab File: BP017825.D

Acq: 31 Oct 2023 10:40

Instrument :

BNA_P

ClientSampleId :

SSTD020797

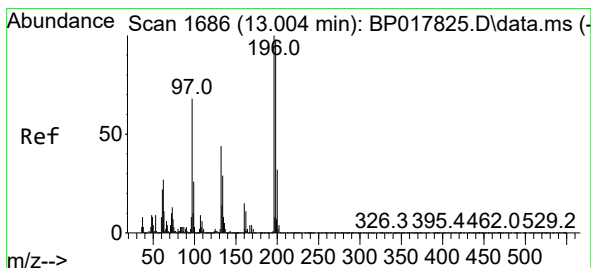
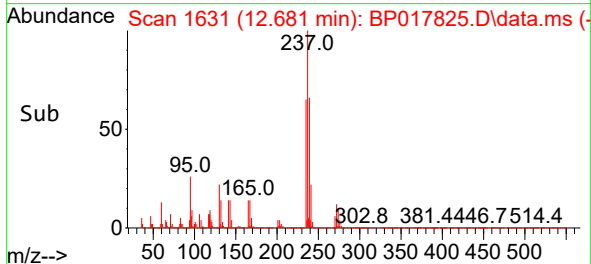
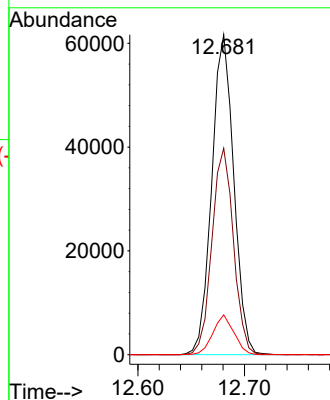
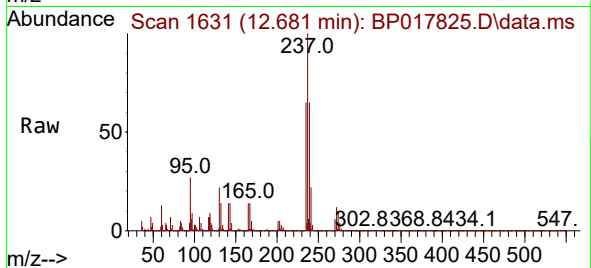
Tgt Ion:237 Resp: 88495

Ion Ratio Lower Upper

237 100

235 64.5 50.3 75.5

272 12.4 11.1 16.7



#41

2,4,6-Trichlorophenol

Concen: 19.337 ng/ul

RT: 13.004 min Scan# 1686

Delta R.T. -0.000 min

Lab File: BP017825.D

Acq: 31 Oct 2023 10:40

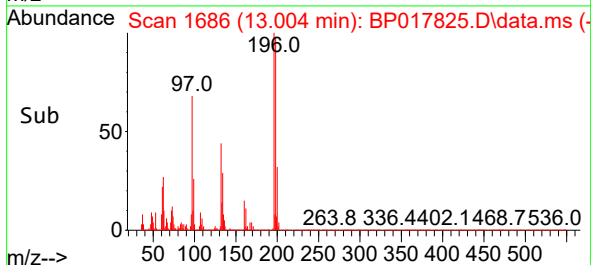
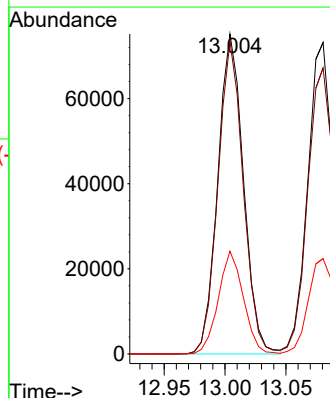
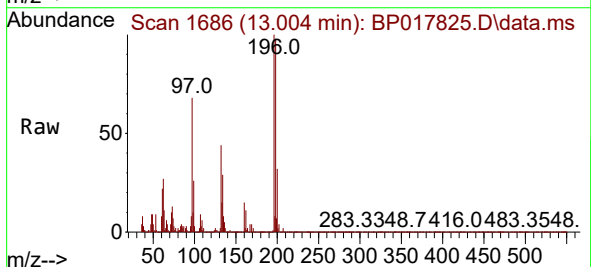
Tgt Ion:196 Resp: 110384

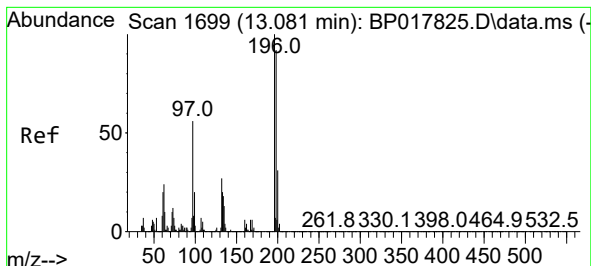
Ion Ratio Lower Upper

196 100

198 97.6 74.7 112.1

200 32.1 23.7 35.5





#42

2,4,5-Trichlorophenol

Concen: 19.766 ng/ul

RT: 13.081 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP017825.D

Acq: 31 Oct 2023 10:40

Instrument :

BNA_P

ClientSampleId :

SSTD020797

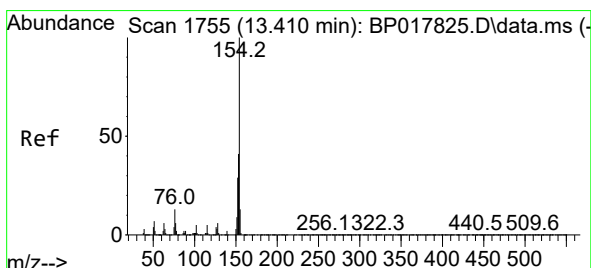
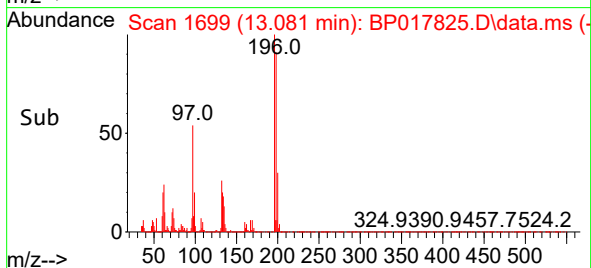
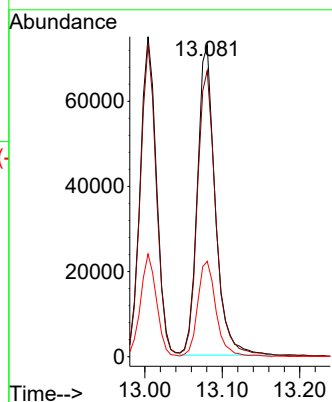
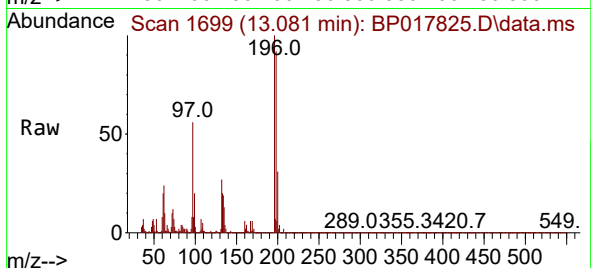
Tgt Ion:196 Resp: 116652

Ion Ratio Lower Upper

196 100

198 91.8 76.0 114.0

200 30.6 24.3 36.5



#43

1,1'-Biphenyl

Concen: 20.045 ng/ul

RT: 13.410 min Scan# 1755

Delta R.T. -0.000 min

Lab File: BP017825.D

Acq: 31 Oct 2023 10:40

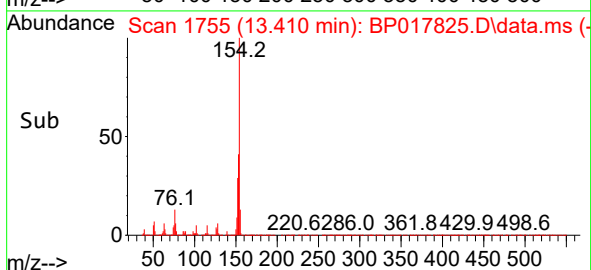
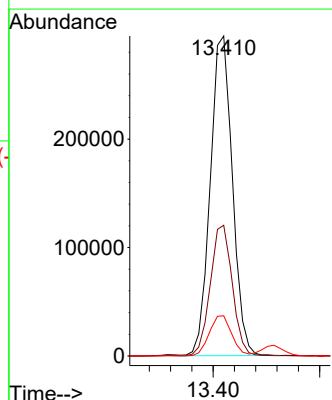
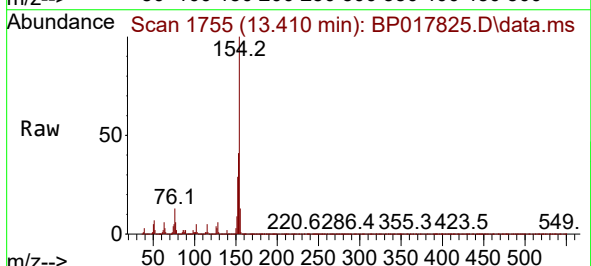
Tgt Ion:154 Resp: 424488

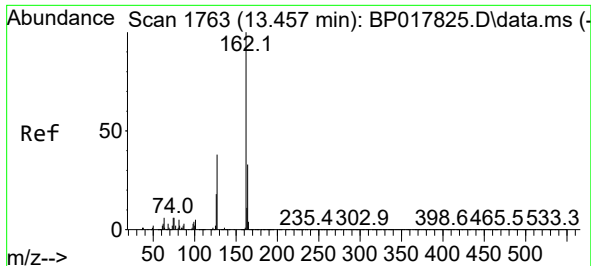
Ion Ratio Lower Upper

154 100

153 40.9 32.6 49.0

76 12.6 9.8 14.8

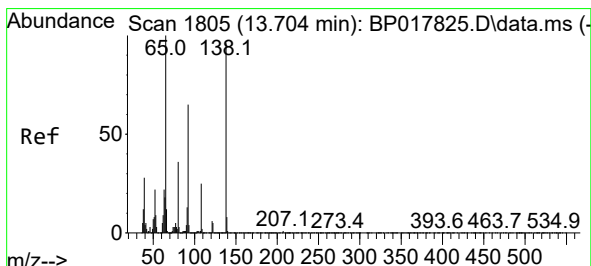
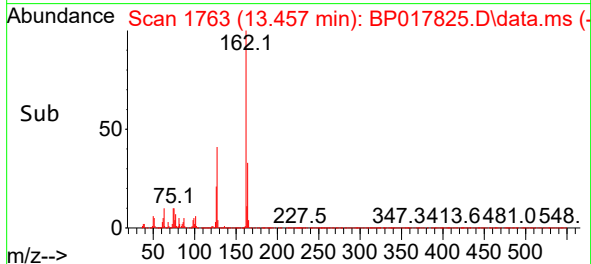
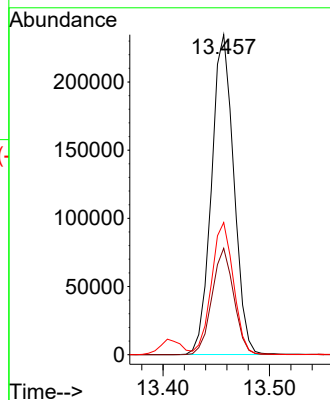
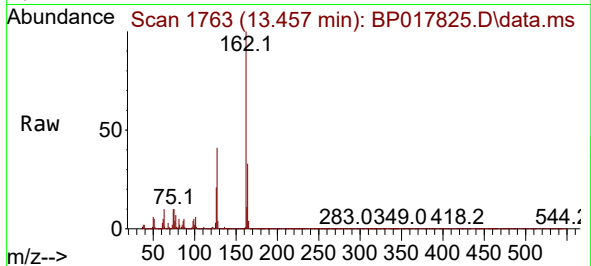




#44
2-Chloronaphthalene
Concen: 19.949 ng/ul
RT: 13.457 min Scan# 1763
Delta R.T. -0.000 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

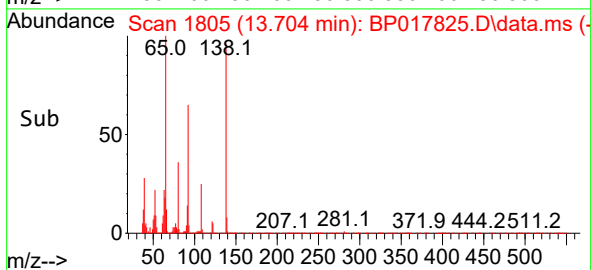
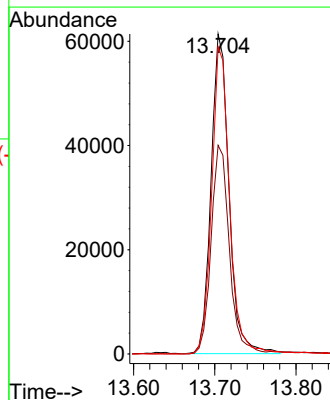
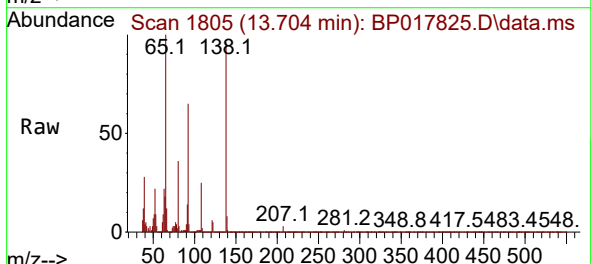
Instrument :
BNA_P
ClientSampleId :
SSTD020797

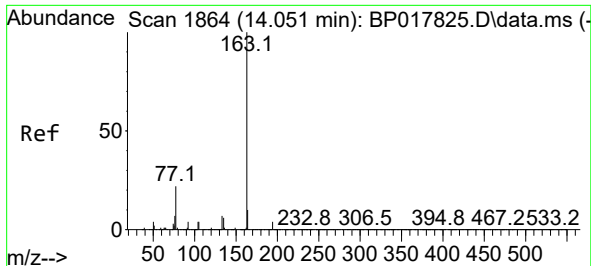
Tgt Ion:162 Resp: 341515
Ion Ratio Lower Upper
162 100
164 33.3 25.9 38.9
127 41.3 29.9 44.9



#45
2-Nitroaniline
Concen: 24.186 ng/ul
RT: 13.704 min Scan# 1805
Delta R.T. -0.006 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

Tgt Ion: 65 Resp: 94089
Ion Ratio Lower Upper
65 100
92 65.2 56.2 84.4
138 96.0 85.9 128.9

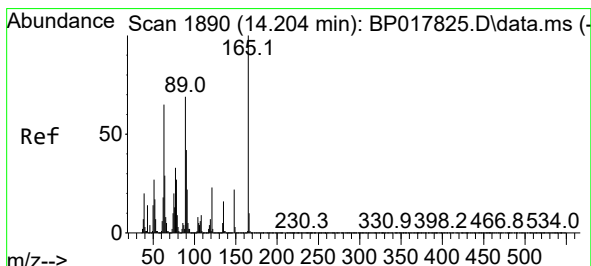
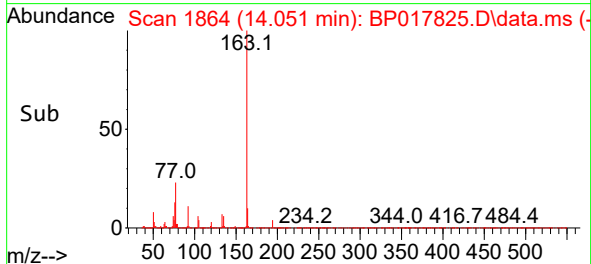
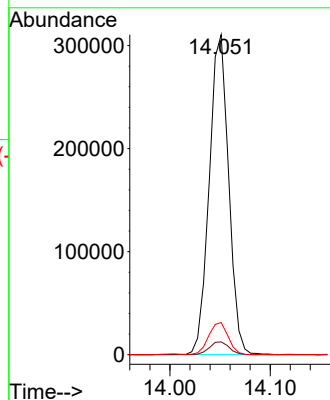
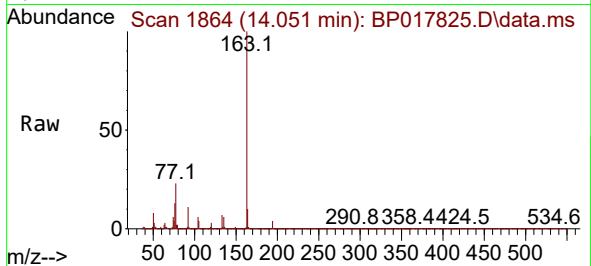




#47
Dimethylphthalate
Concen: 19.632 ng/ul
RT: 14.051 min Scan# 1864
Delta R.T. -0.000 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

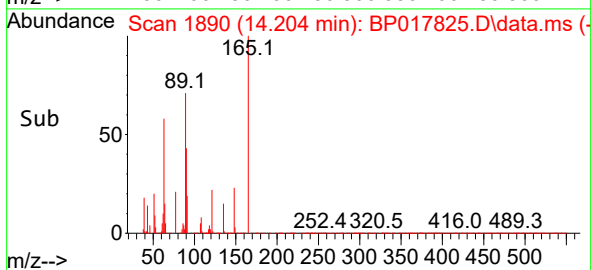
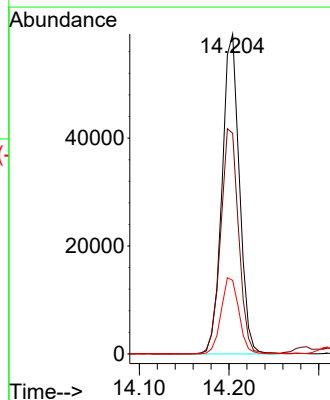
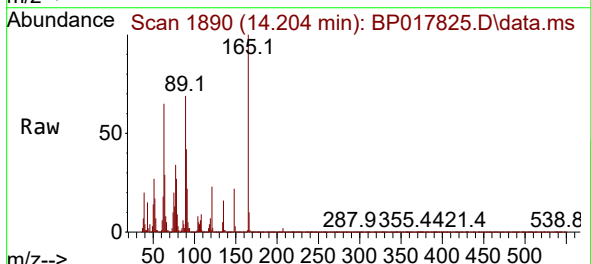
Instrument :
BNA_P
ClientSampleId :
SSTD020797

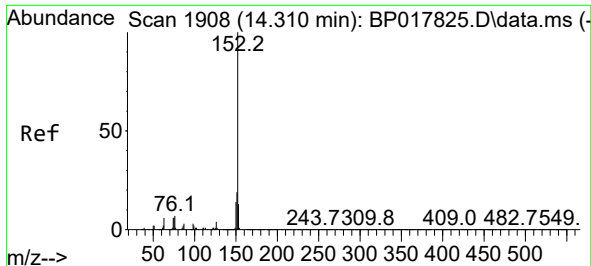
Tgt Ion:163 Resp: 417499
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.1 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 20.300 ng/ul
RT: 14.204 min Scan# 1890
Delta R.T. -0.000 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

Tgt Ion:165 Resp: 79462
Ion Ratio Lower Upper
165 100
89 69.0 48.0 72.0
121 23.0 16.6 24.8

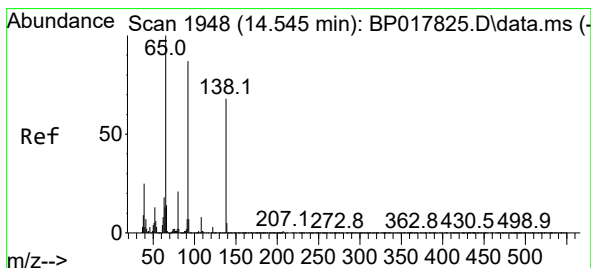
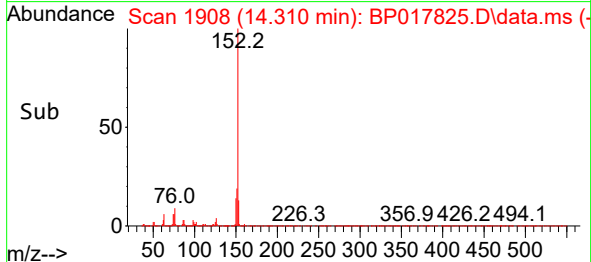
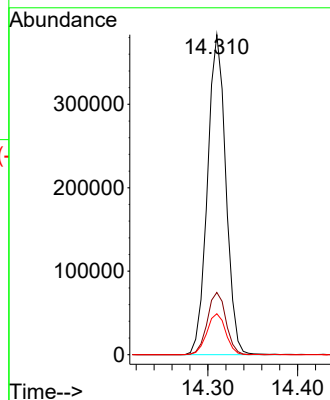
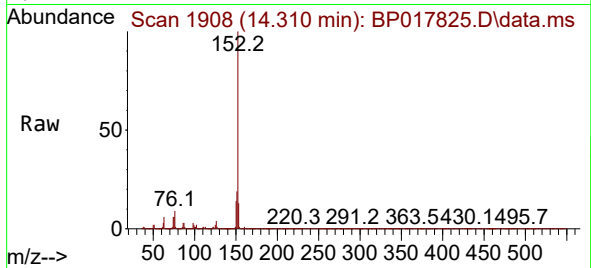




#50
Acenaphthylene
Concen: 20.201 ng/ul
RT: 14.310 min Scan# 1908
Delta R.T. -0.000 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

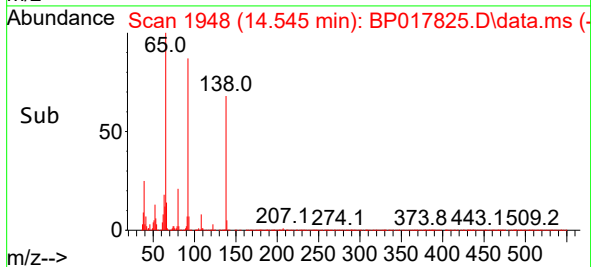
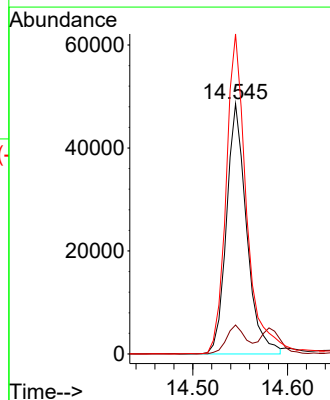
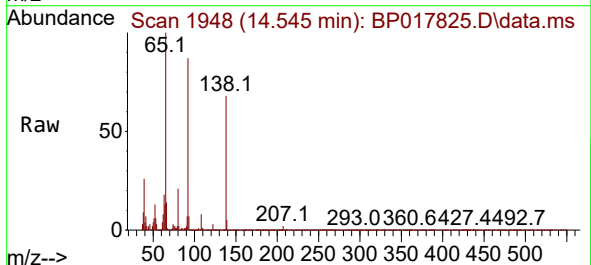
Instrument :
BNA_P
ClientSampleId :
SSTD020797

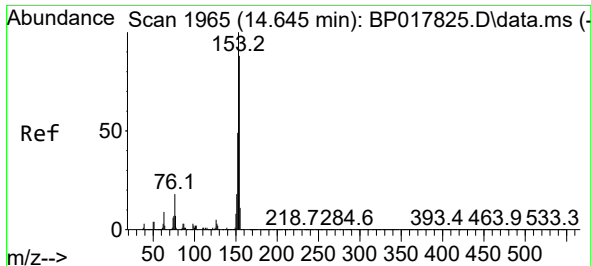
Tgt Ion:	152	Resp:	544535
Ion Ratio	Lower	Upper	
152	100		
151	19.5	15.9	23.9
153	12.8	10.8	16.2



#51
3-Nitroaniline
Concen: 19.253 ng/ul
RT: 14.545 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

Tgt Ion:	138	Resp:	71676
Ion Ratio	Lower	Upper	
138	100		
108	11.5	9.3	13.9
92	127.9	95.2	142.8

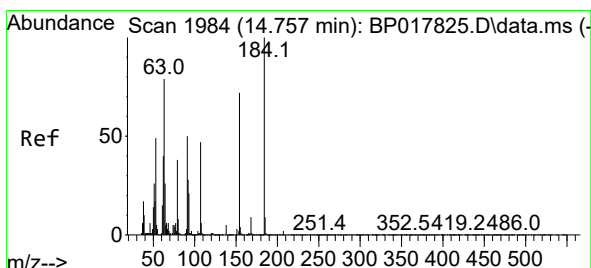
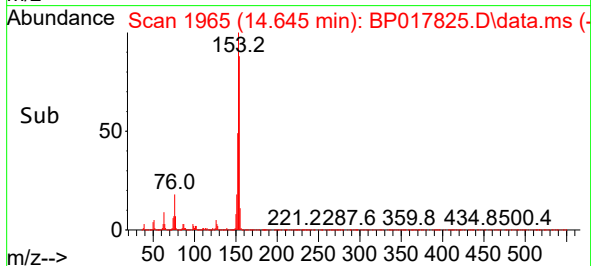
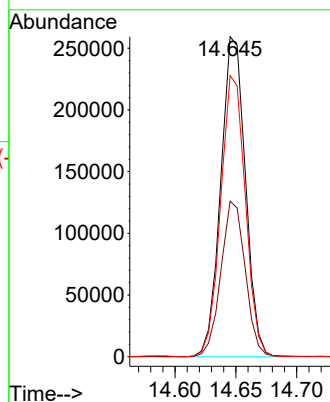
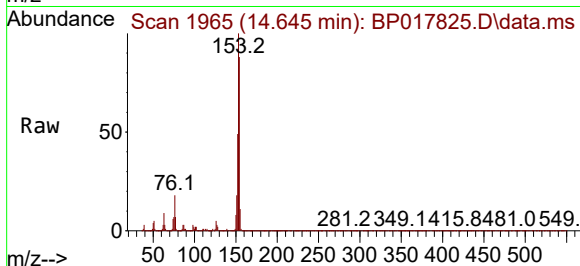




#52
Acenaphthene
Concen: 20.057 ng/ul
RT: 14.645 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

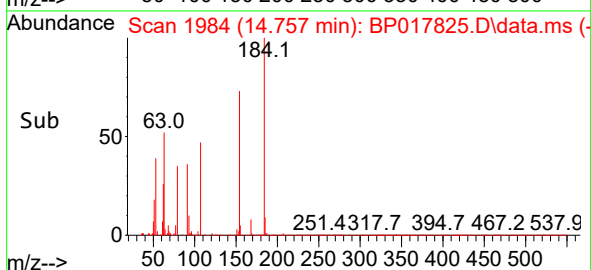
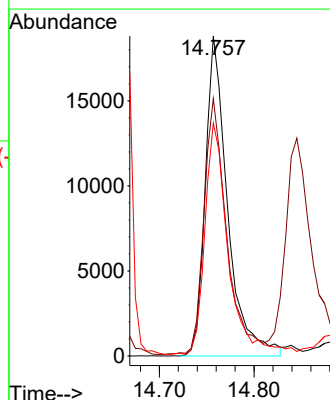
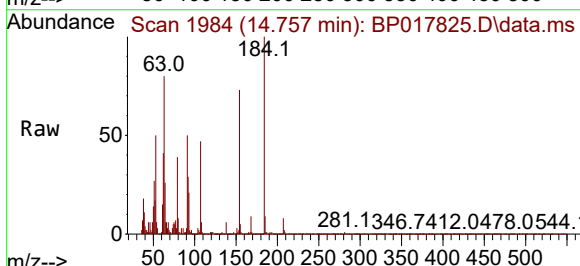
Instrument :
BNA_P
ClientSampleId :
SSTD020797

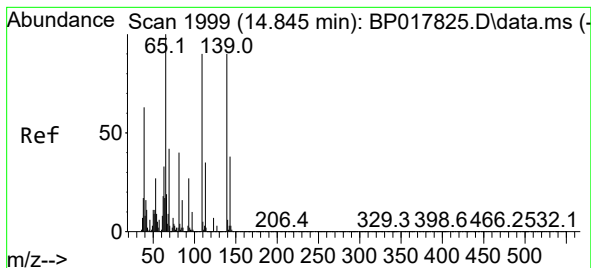
Tgt Ion:153 Resp: 365490
Ion Ratio Lower Upper
153 100
152 48.6 37.6 56.4
154 87.8 70.0 105.0



#53
2,4-Dinitrophenol
Concen: 13.979 ng/ul
RT: 14.757 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

Tgt Ion:184 Resp: 30717
Ion Ratio Lower Upper
184 100
63 80.4 50.6 76.0#
154 72.8 47.9 71.9#

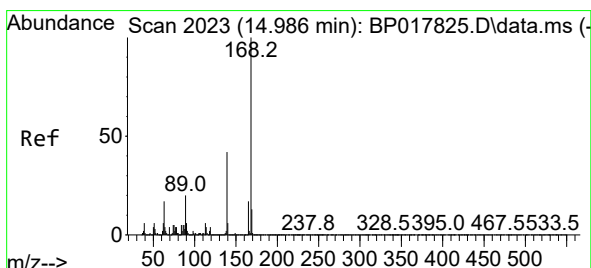
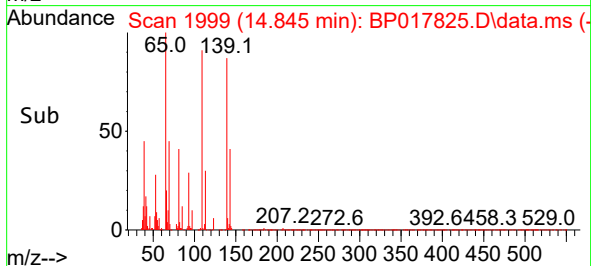
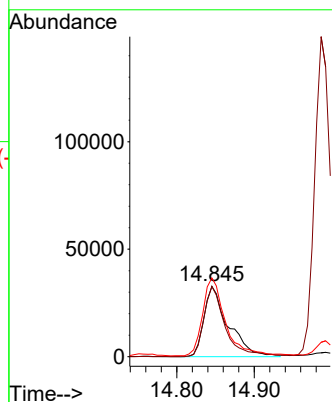
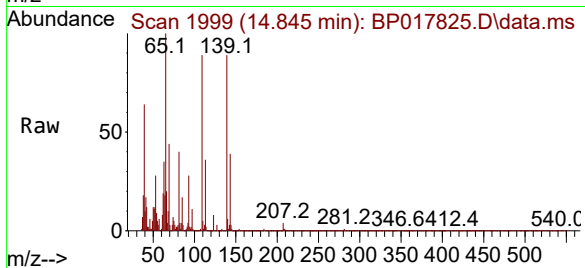




#55
4-Nitrophenol
Concen: 21.908 ng/ul
RT: 14.845 min Scan# 1999
Delta R.T. -0.000 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

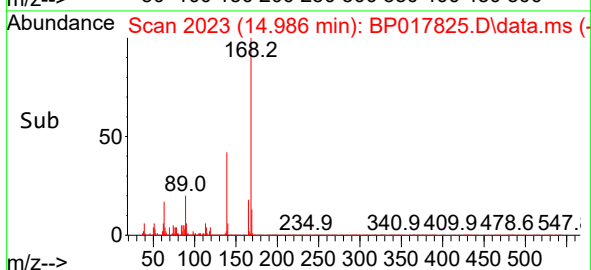
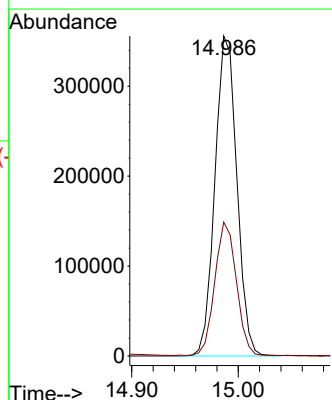
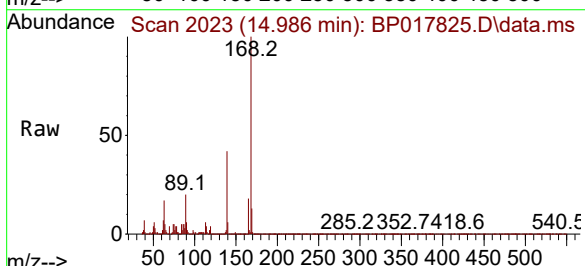
Instrument :
BNA_P
ClientSampleId :
SSTD020797

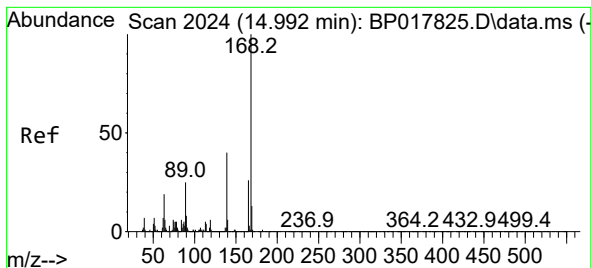
Tgt Ion:109 Resp: 71305
Ion Ratio Lower Upper
109 100
139 100.0 92.9 139.3
65 112.1 94.5 141.7



#56
Dibenzofuran
Concen: 19.830 ng/ul
RT: 14.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

Tgt Ion:168 Resp: 507319
Ion Ratio Lower Upper
168 100
139 41.8 28.6 43.0

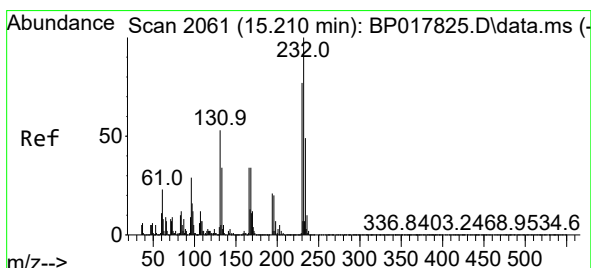
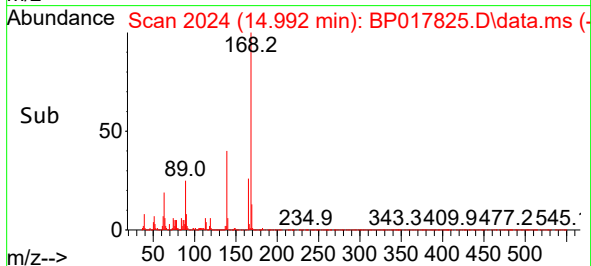
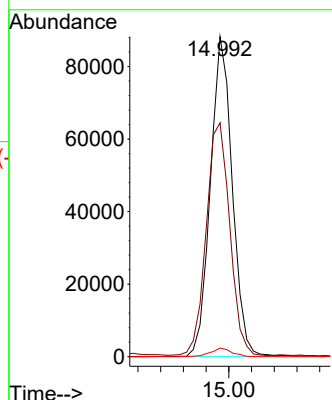
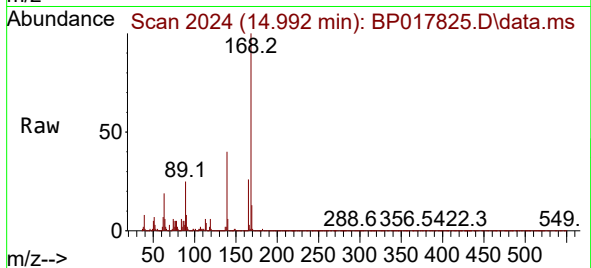




#57
2,4-Dinitrotoluene
Concen: 20.335 ng/ul
RT: 14.992 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

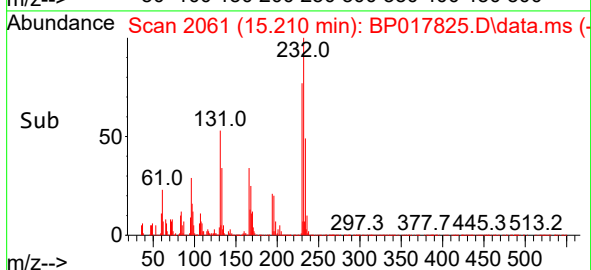
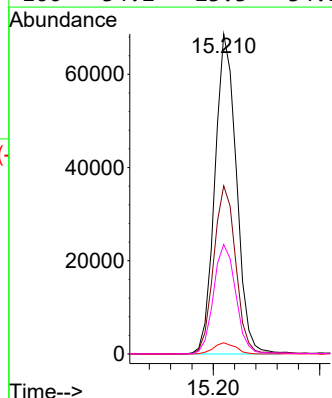
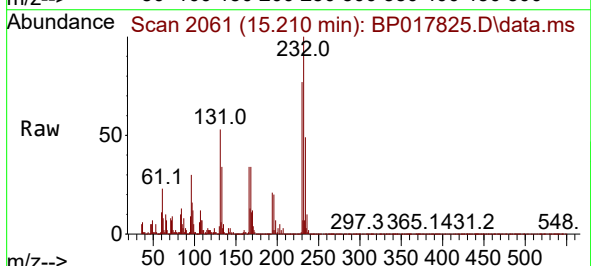
Instrument :
BNA_P
ClientSampleId :
SSTD020797

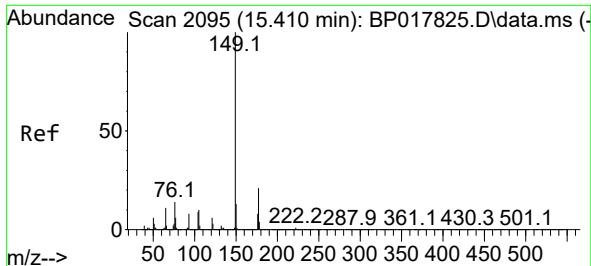
Tgt Ion:165 Resp: 117481
Ion Ratio Lower Upper
165 100
63 73.1 51.1 76.7
182 2.7 2.7 4.1#



#58
2,3,4,6-Tetrachlorophenol
Concen: 18.404 ng/ul
RT: 15.210 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

Tgt Ion:232 Resp: 96385
Ion Ratio Lower Upper
232 100
131 52.5 32.9 49.3#
130 3.5 1.8 2.8#
166 34.2 23.3 34.9

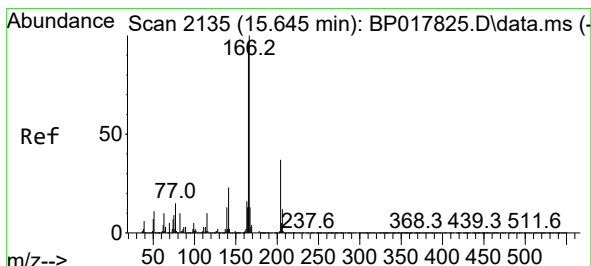
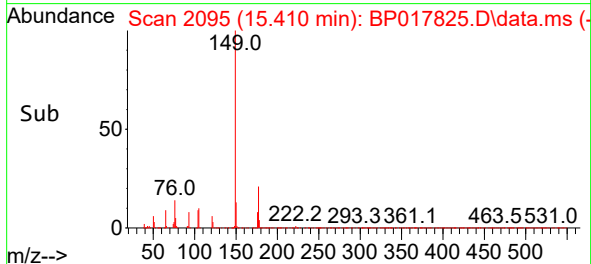
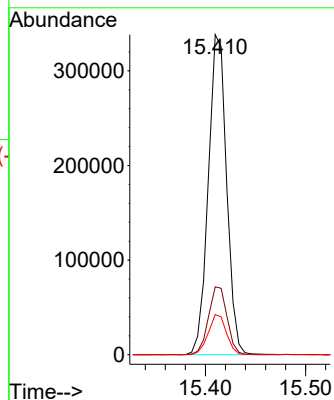
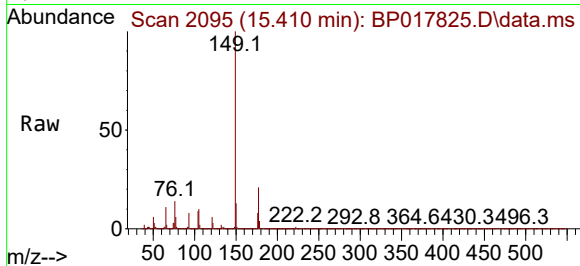




#59
Diethylphthalate
Concen: 20.947 ng/ul
RT: 15.410 min Scan# 2095
Delta R.T. -0.000 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

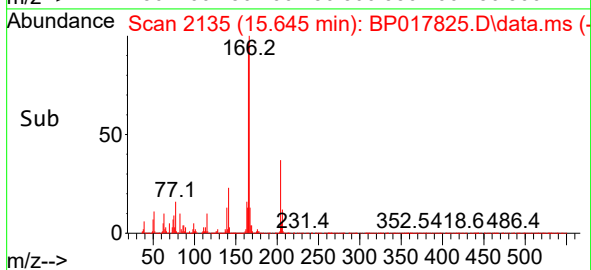
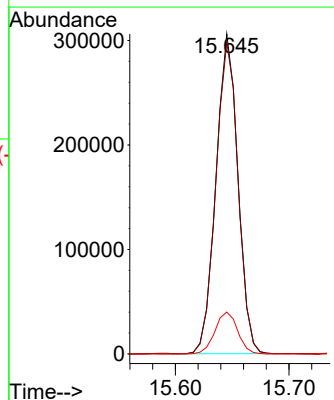
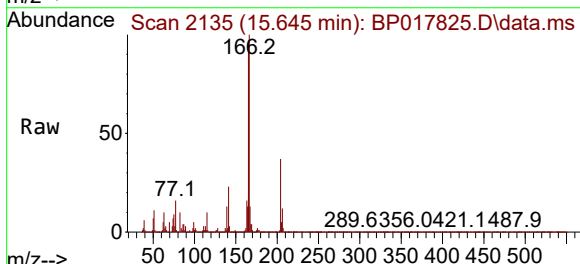
Instrument :
BNA_P
ClientSampleId :
SSTD020797

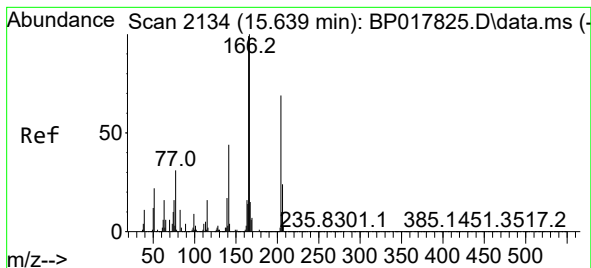
Tgt Ion:149 Resp: 430102
Ion Ratio Lower Upper
149 100
177 21.2 18.0 27.0
150 12.5 10.2 15.4



#61
Fluorene
Concen: 19.524 ng/ul
RT: 15.645 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

Tgt Ion:166 Resp: 410303
Ion Ratio Lower Upper
166 100
165 97.4 77.4 116.0
167 13.1 10.9 16.3

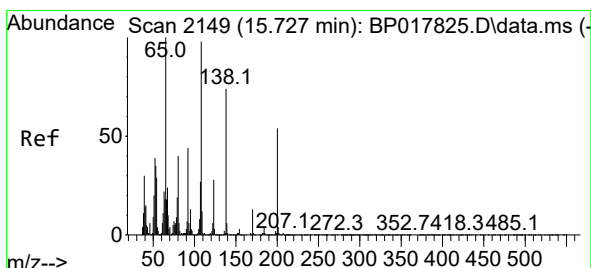
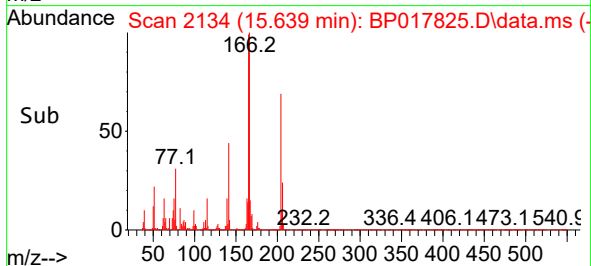
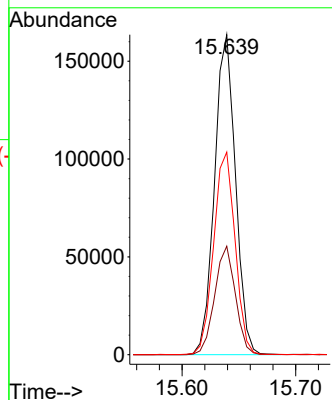
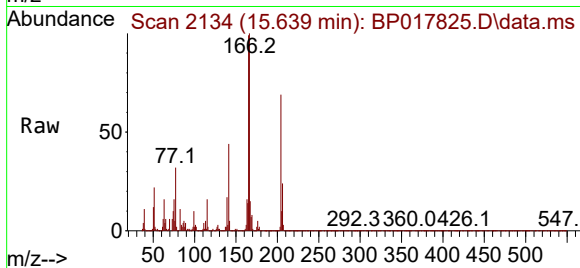




#62
4-Chlorophenyl-phenylether
Concen: 18.804 ng/ul
RT: 15.639 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

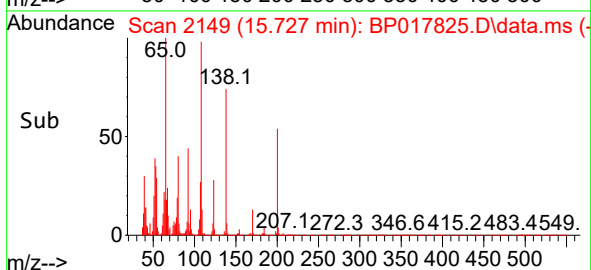
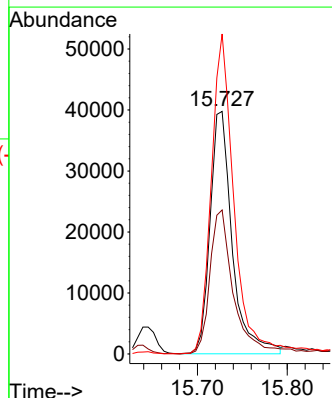
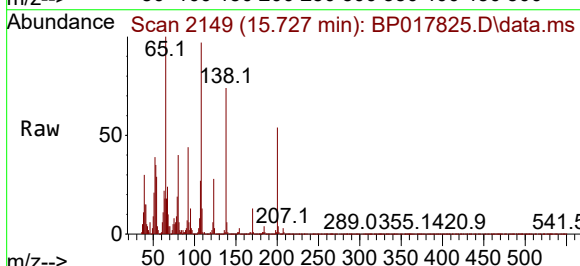
Instrument :
BNA_P
ClientSampleId :
SSTD020797

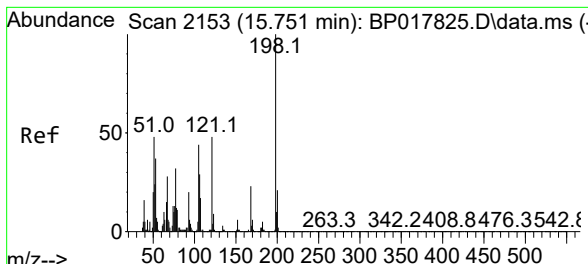
Tgt Ion:204 Resp: 210039
Ion Ratio Lower Upper
204 100
206 33.9 26.2 39.4
141 63.3 42.9 64.3



#63
4-Nitroaniline
Concen: 20.369 ng/ul
RT: 15.727 min Scan# 2149
Delta R.T. 0.006 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

Tgt Ion:138 Resp: 68398
Ion Ratio Lower Upper
138 100
92 59.4 43.0 64.6
108 131.9 82.7 124.1#

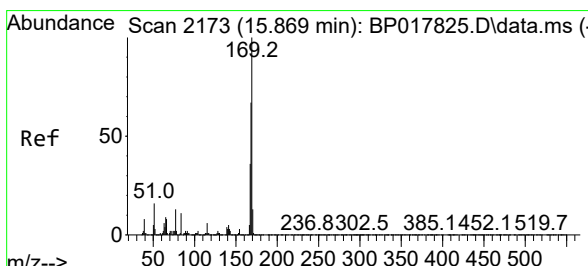
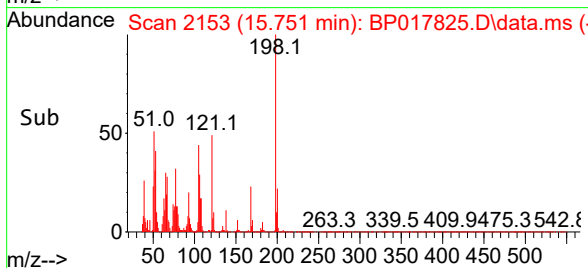
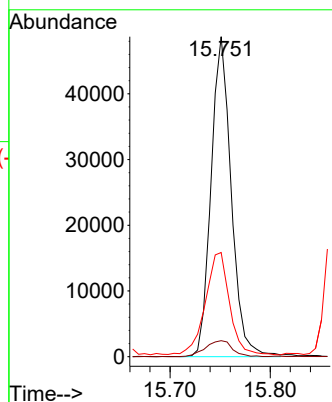
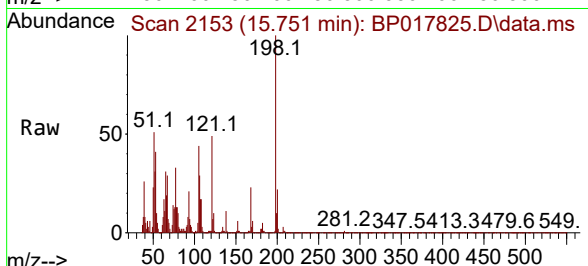




#66
4,6-Dinitro-2-methylphenol
Concen: 17.717 ng/ul
RT: 15.751 min Scan# 2153
Delta R.T. -0.000 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

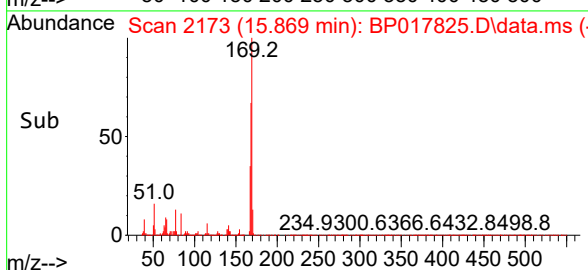
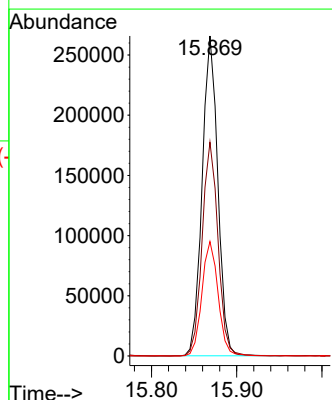
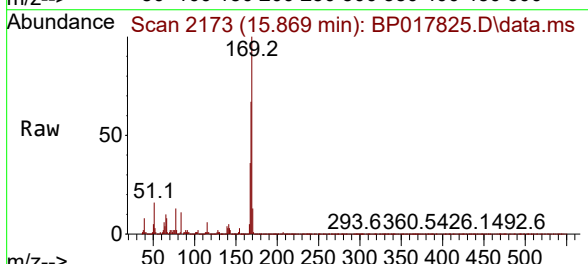
Instrument :
BNA_P
ClientSampleId :
SSTD020797

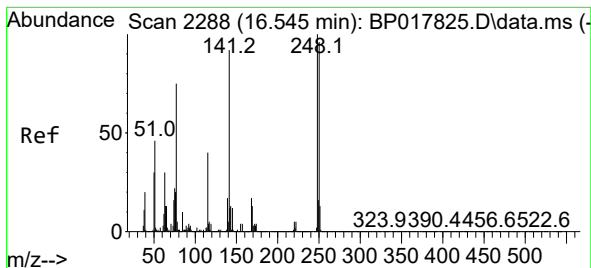
Tgt Ion:198 Resp: 68013
Ion Ratio Lower Upper
198 100
182 5.0 3.9 5.9
77 32.6 19.8 29.8#



#67
N-Nitrosodiphenylamine
Concen: 20.609 ng/ul
RT: 15.869 min Scan# 2173
Delta R.T. -0.000 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

Tgt Ion:169 Resp: 339735
Ion Ratio Lower Upper
169 100
168 66.8 53.7 80.5
167 35.7 29.4 44.0

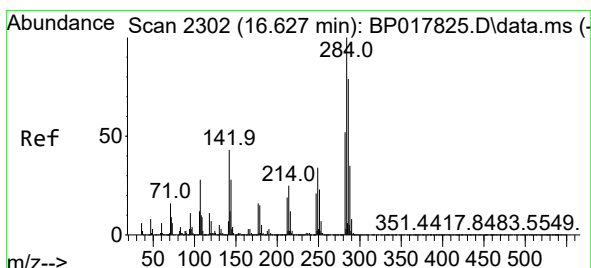
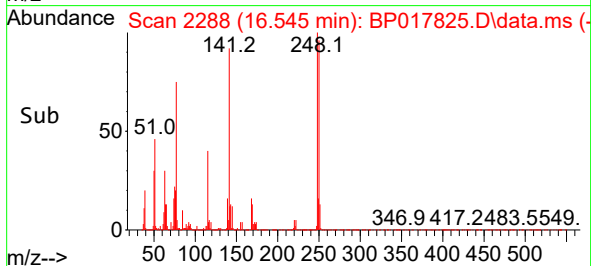
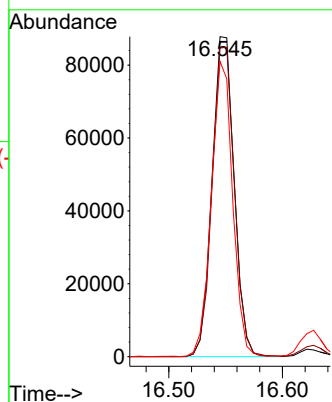
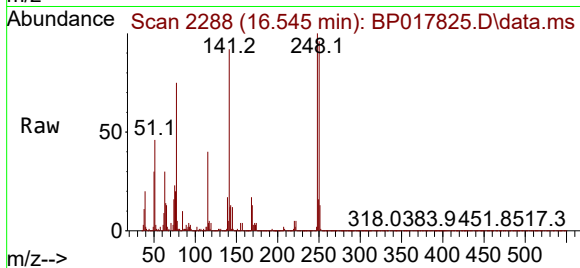




#68
4-Bromophenyl-phenylether
Concen: 18.630 ng/ul
RT: 16.545 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

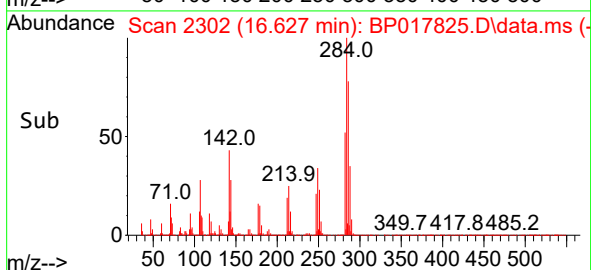
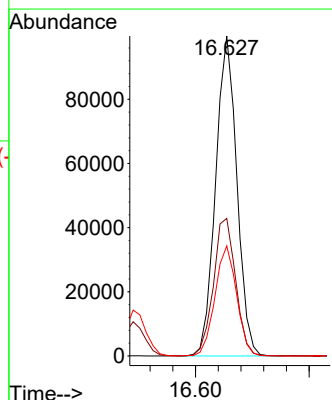
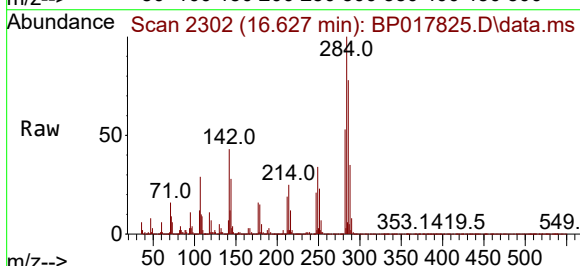
Instrument :
BNA_P
ClientSampleId :
SSTD020797

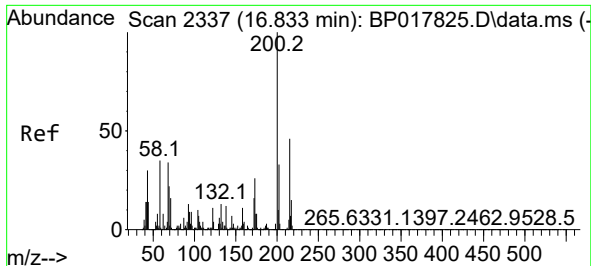
Tgt Ion:248 Resp: 118609
Ion Ratio Lower Upper
248 100
250 96.5 76.8 115.2
141 92.2 52.4 78.6#



#69
Hexachlorobenzene
Concen: 17.705 ng/ul
RT: 16.627 min Scan# 2302
Delta R.T. -0.000 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

Tgt Ion:284 Resp: 129408
Ion Ratio Lower Upper
284 100
142 43.0 27.6 41.4#
249 34.4 24.5 36.7

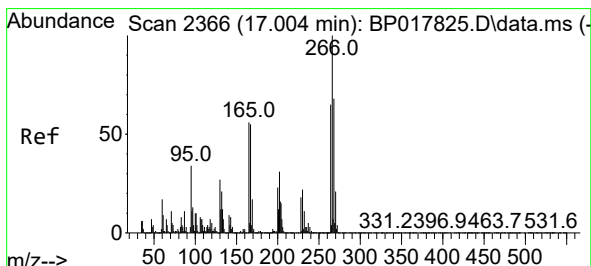
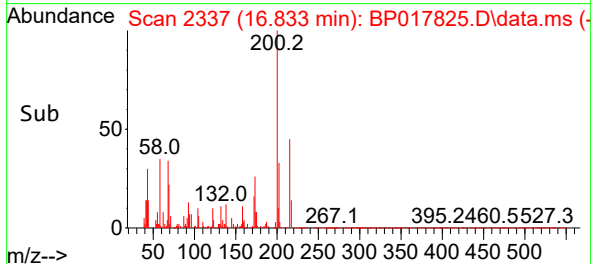
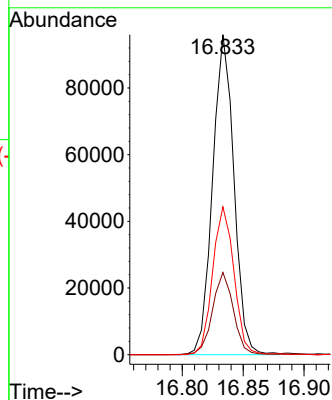
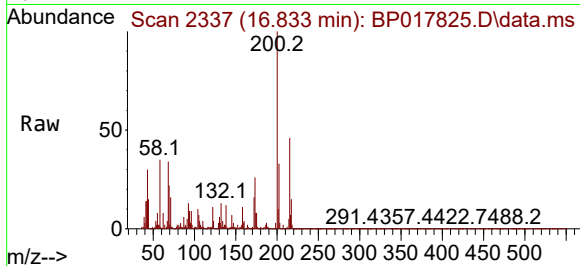




#70
Atrazine
Concen: 19.230 ng/ul
RT: 16.833 min Scan# 211
Delta R.T. -0.000 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

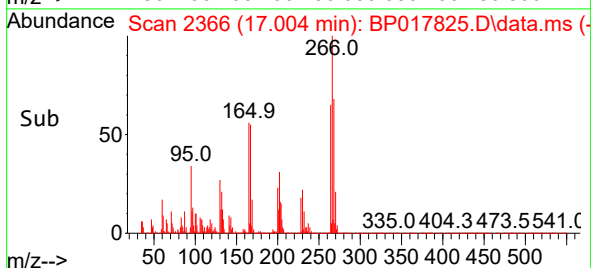
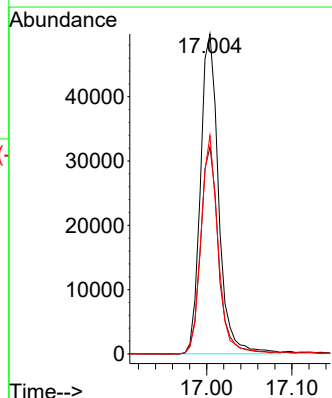
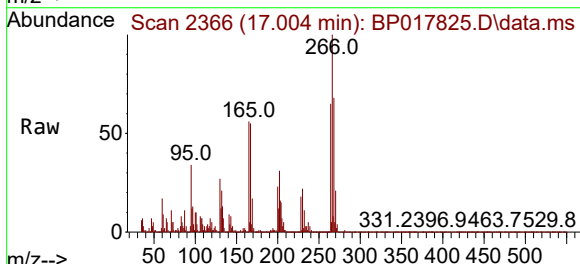
Instrument :
BNA_P
ClientSampleId :
SSTD020797

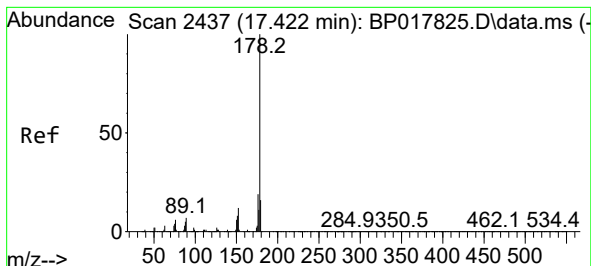
Tgt Ion:200 Resp: 116511
Ion Ratio Lower Upper
200 100
173 25.7 19.8 29.6
215 46.2 38.5 57.7



#71
Pentachlorophenol
Concen: 16.757 ng/ul
RT: 17.004 min Scan# 2366
Delta R.T. -0.000 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

Tgt Ion:266 Resp: 73633
Ion Ratio Lower Upper
266 100
264 64.7 49.4 74.2
268 68.3 50.3 75.5





#72

Phenanthrene

Concen: 20.104 ng/ul

RT: 17.422 min Scan# 2437

Delta R.T. -0.000 min

Lab File: BP017825.D

Acq: 31 Oct 2023 10:40

Instrument :

BNA_P

ClientSampleId :

SSTD020797

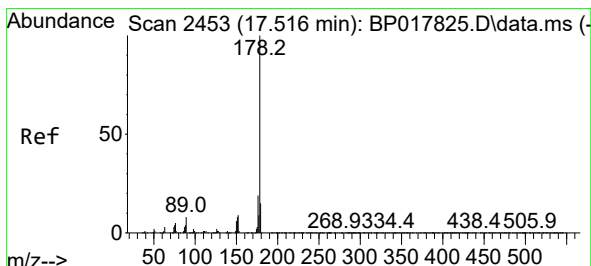
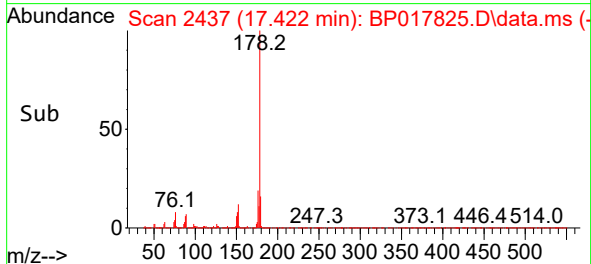
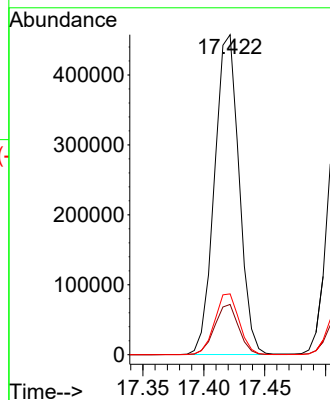
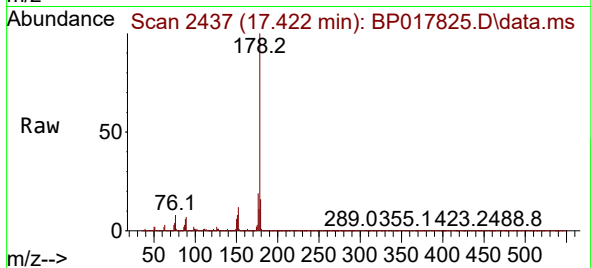
Tgt Ion:178 Resp: 640813

Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.2

176 19.0 15.3 22.9



#74

Anthracene

Concen: 20.163 ng/ul

RT: 17.516 min Scan# 2453

Delta R.T. 0.006 min

Lab File: BP017825.D

Acq: 31 Oct 2023 10:40

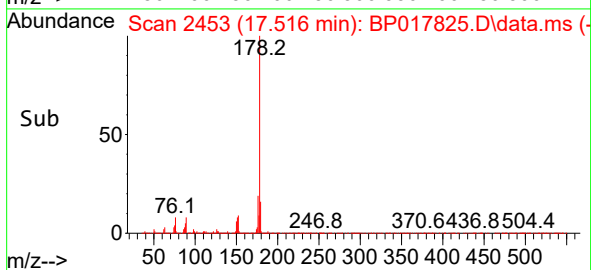
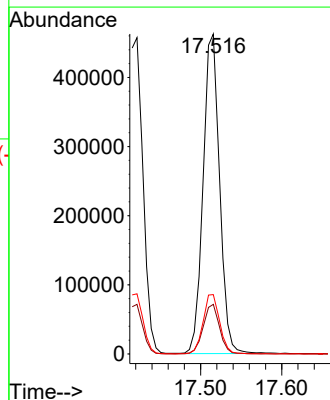
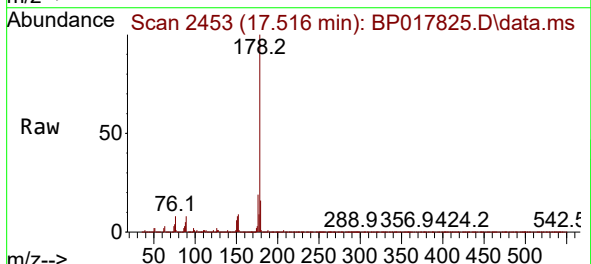
Tgt Ion:178 Resp: 650930

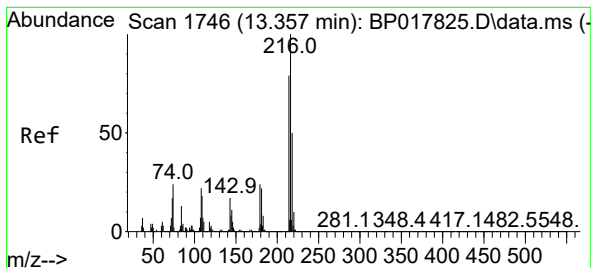
Ion Ratio Lower Upper

178 100

179 15.5 12.0 18.0

176 18.5 14.8 22.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 19.216 ng/uL

RT: 13.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP017825.D

Acq: 31 Oct 2023 10:40

Instrument :

BNA_P

ClientSampleId :

SSTD020797

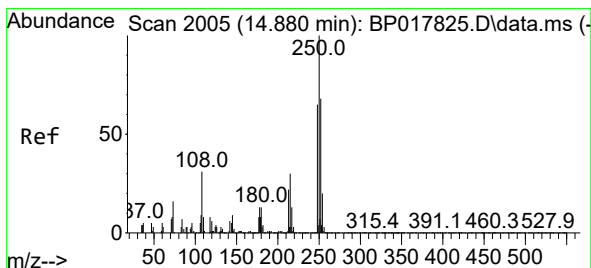
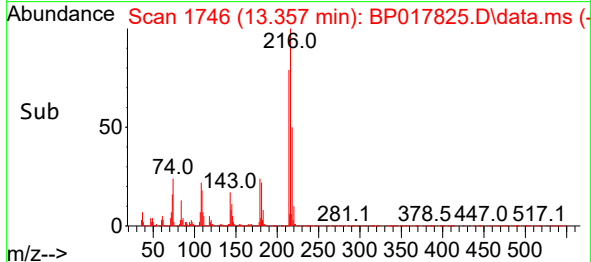
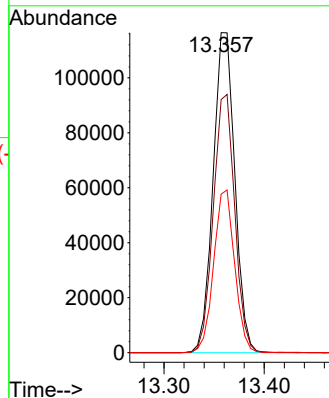
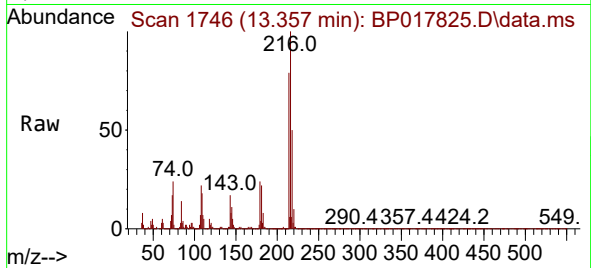
Tgt Ion:216 Resp: 175445

Ion Ratio Lower Upper

216 100

214 79.1 60.7 91.1

218 49.5 38.2 57.4



#76

Pentachlorobenzene

Concen: 18.401 ng/uL

RT: 14.880 min Scan# 2005

Delta R.T. -0.000 min

Lab File: BP017825.D

Acq: 31 Oct 2023 10:40

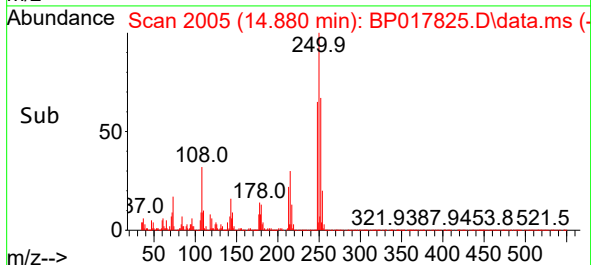
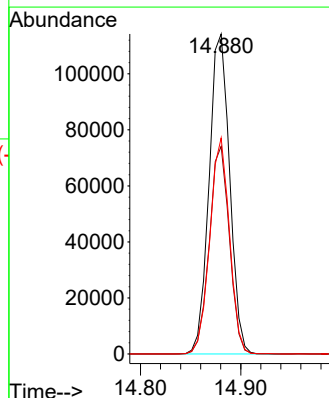
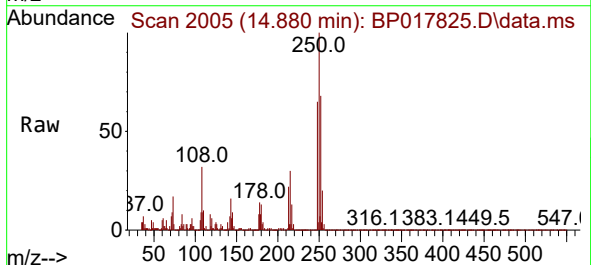
Tgt Ion:250 Resp: 162824

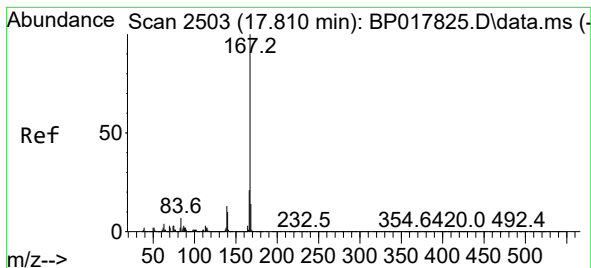
Ion Ratio Lower Upper

250 100

248 64.9 50.2 75.4

252 67.5 49.6 74.4





#77

Carbazole

Concen: 20.383 ng/ul

RT: 17.810 min Scan# 2503

Delta R.T. -0.000 min

Lab File: BP017825.D

Acq: 31 Oct 2023 10:40

Instrument :

BNA_P

ClientSampleId :

SSTD020797

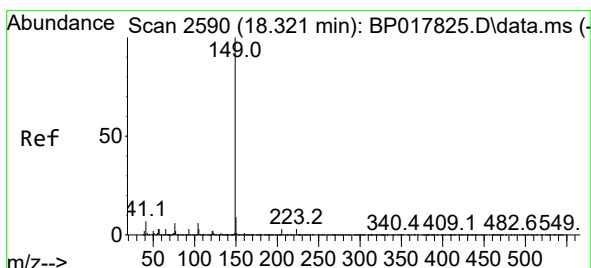
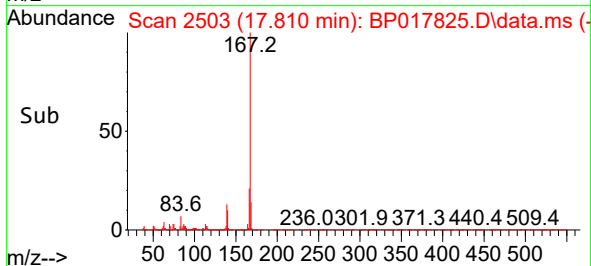
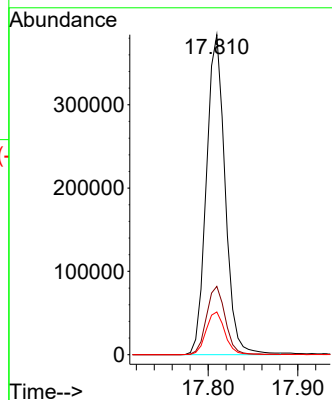
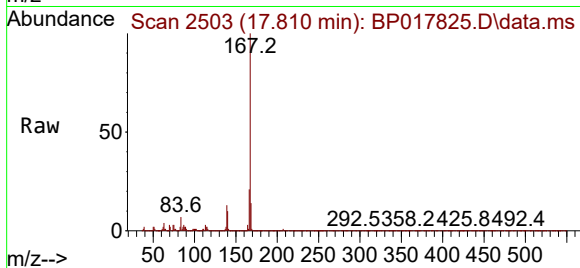
Tgt Ion:167 Resp: 556149

Ion Ratio Lower Upper

167 100

166 21.3 16.7 25.1

139 13.4 9.8 14.6



#78

Di-n-butylphthalate

Concen: 21.994 ng/ul

RT: 18.321 min Scan# 2590

Delta R.T. -0.000 min

Lab File: BP017825.D

Acq: 31 Oct 2023 10:40

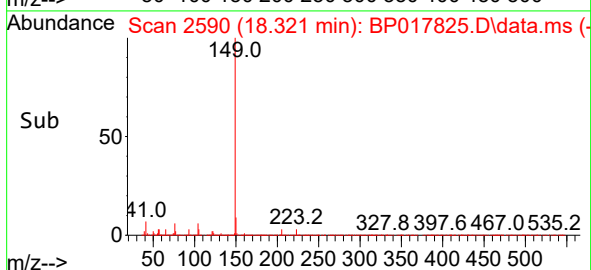
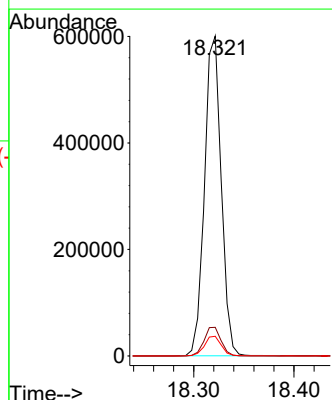
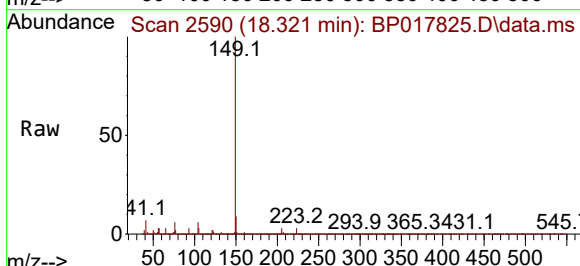
Tgt Ion:149 Resp: 696695

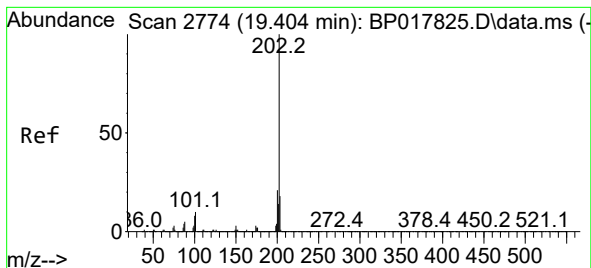
Ion Ratio Lower Upper

149 100

150 9.0 7.2 10.8

104 6.2 4.3 6.5





#80

Fluoranthene

Concen: 21.153 ng/ul

RT: 19.404 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP017825.D

Acq: 31 Oct 2023 10:40

Instrument :

BNA_P

ClientSampleId :

SSTD020797

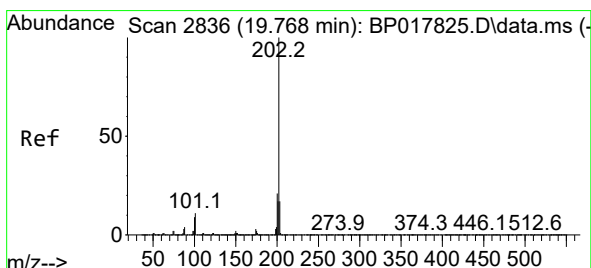
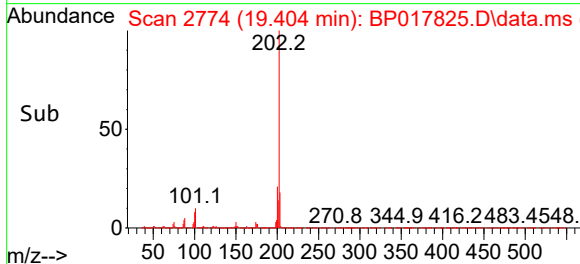
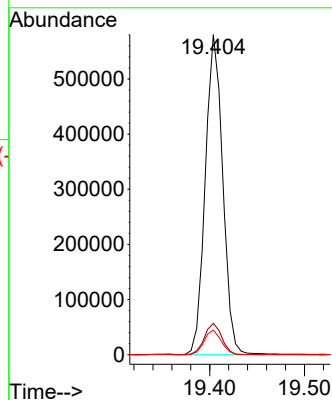
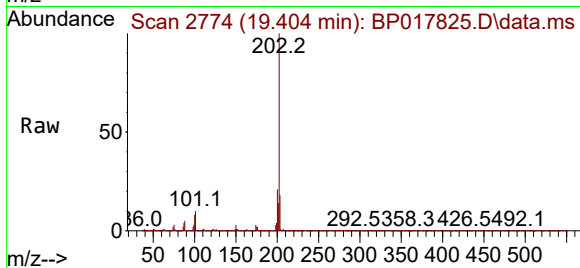
Tgt Ion:202 Resp: 742804

Ion Ratio Lower Upper

202 100

101 9.8 7.1 10.7

100 7.7 5.7 8.5



#82

Pyrene

Concen: 20.955 ng/ul

RT: 19.768 min Scan# 2836

Delta R.T. 0.006 min

Lab File: BP017825.D

Acq: 31 Oct 2023 10:40

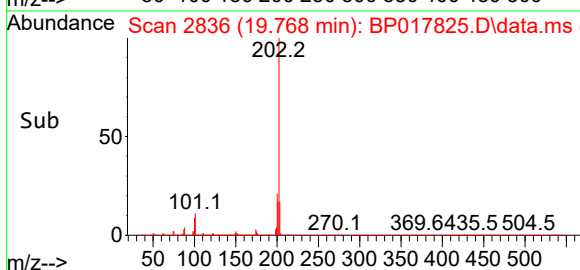
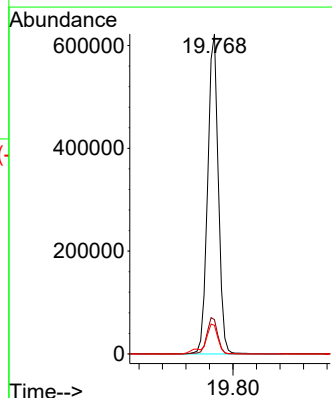
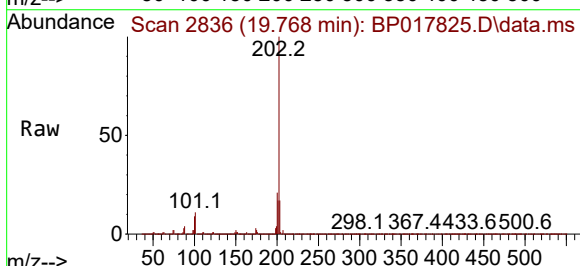
Tgt Ion:202 Resp: 779585

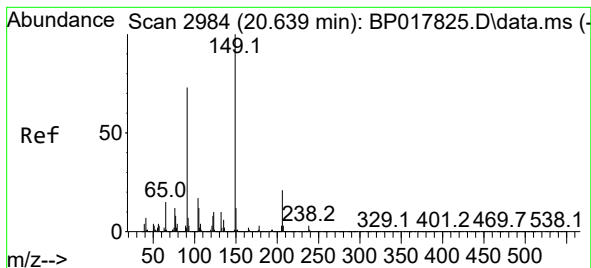
Ion Ratio Lower Upper

202 100

101 10.7 8.3 12.5

100 9.0 7.4 11.0





#83

Butylbenzylphthalate

Concen: 23.837 ng/ul

RT: 20.639 min Scan# 2984

Delta R.T. 0.006 min

Lab File: BP017825.D

Acq: 31 Oct 2023 10:40

Instrument :

BNA_P

ClientSampleId :

SSTD020797

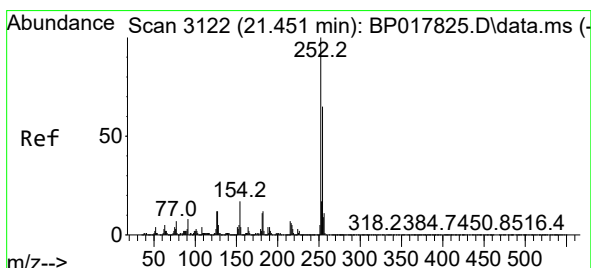
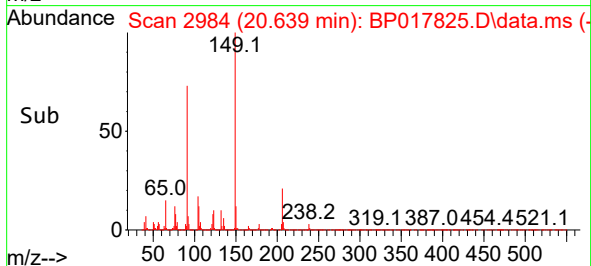
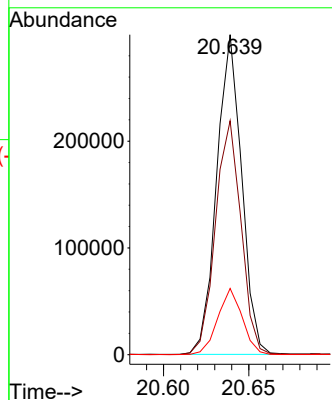
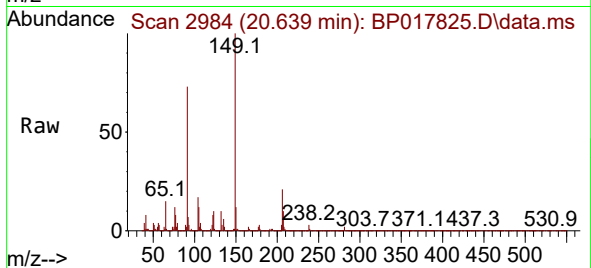
Tgt Ion:149 Resp: 305016

Ion Ratio Lower Upper

149 100

91 73.1 58.8 88.2

206 20.7 17.5 26.3



#84

3,3'-Dichlorobenzidine

Concen: 17.577 ng/ul

RT: 21.451 min Scan# 3122

Delta R.T. 0.006 min

Lab File: BP017825.D

Acq: 31 Oct 2023 10:40

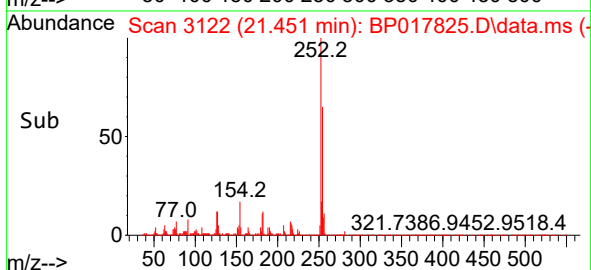
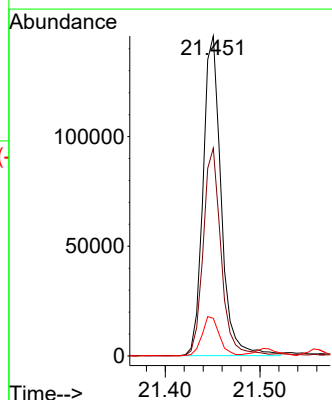
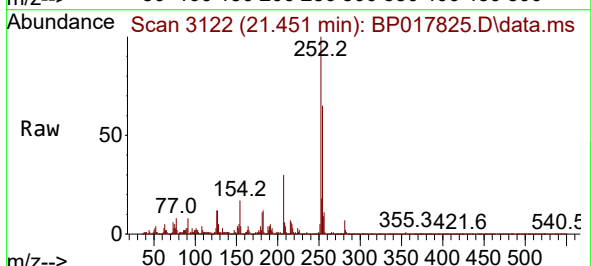
Tgt Ion:252 Resp: 193594

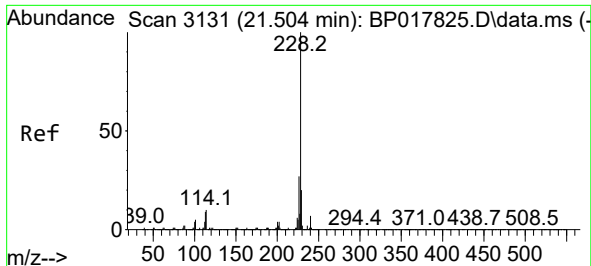
Ion Ratio Lower Upper

252 100

254 64.9 51.8 77.8

126 11.8 7.8 11.6#

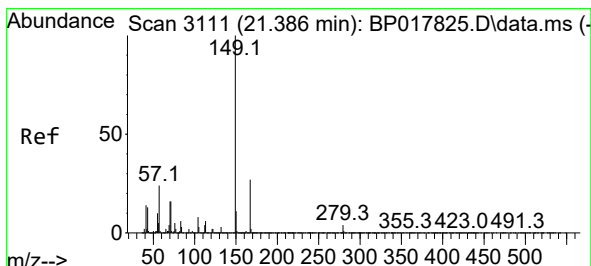
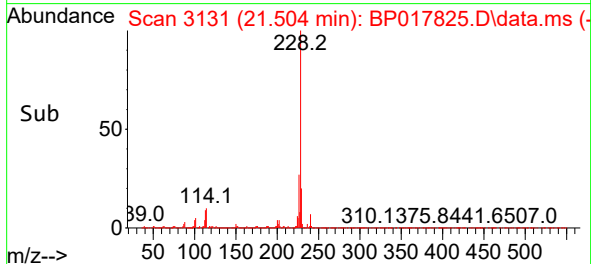
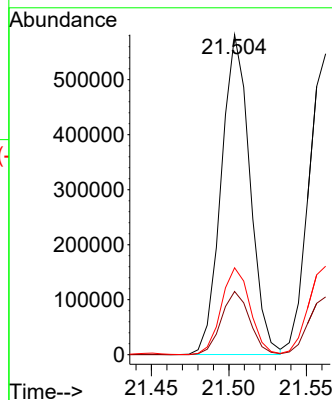
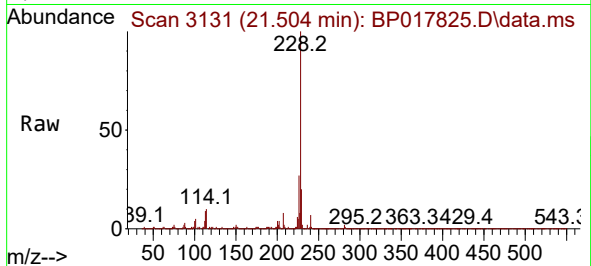




#85
Benzo(a)anthracene
Concen: 20.207 ng/ul
RT: 21.504 min Scan# 3131
Delta R.T. 0.006 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

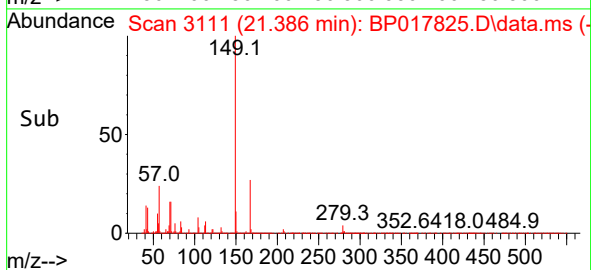
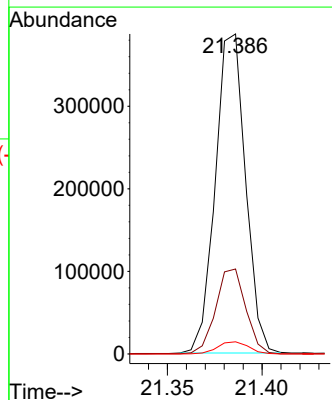
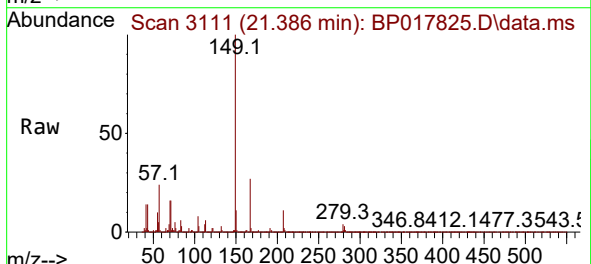
Instrument :
BNA_P
ClientSampleId :
SSTD020797

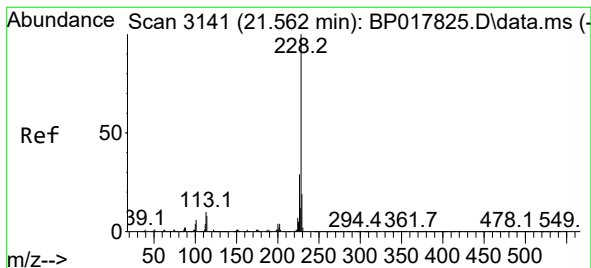
Tgt Ion:228 Resp: 748898
Ion Ratio Lower Upper
228 100
229 19.8 15.6 23.4
226 27.1 21.1 31.7



#86
Bis(2-ethylhexyl)phthalate
Concen: 24.031 ng/ul
RT: 21.386 min Scan# 3111
Delta R.T. 0.006 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

Tgt Ion:149 Resp: 429247
Ion Ratio Lower Upper
149 100
167 26.5 21.6 32.4
279 3.8 3.6 5.4





#87

Chrysene

Concen: 20.309 ng/ul

RT: 21.562 min Scan# 3141

Delta R.T. 0.006 min

Lab File: BP017825.D

Acq: 31 Oct 2023 10:40

Instrument :

BNA_P

ClientSampleId :

SSTD020797

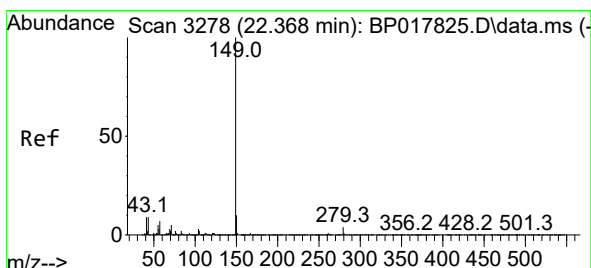
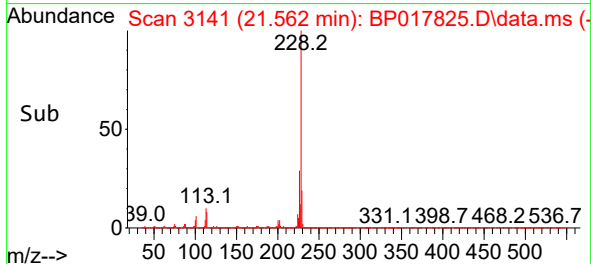
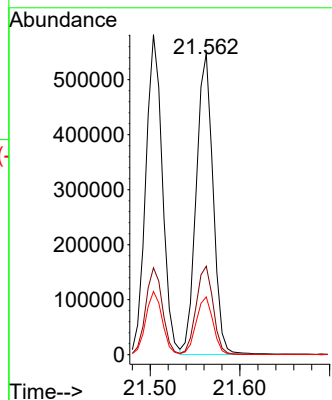
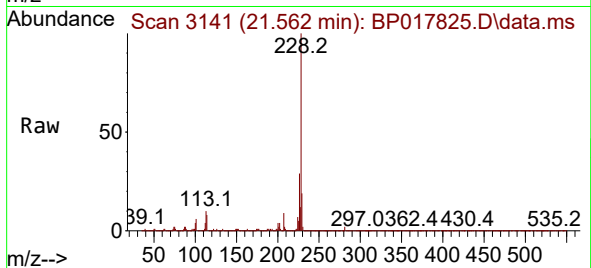
Tgt Ion:228 Resp: 711754

Ion Ratio Lower Upper

228 100

226 29.4 24.0 36.0

229 19.2 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 22.847 ng/ul

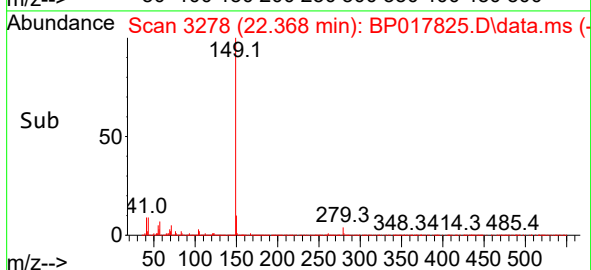
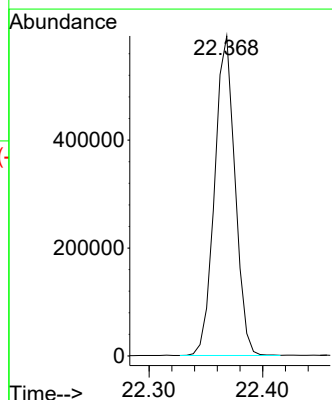
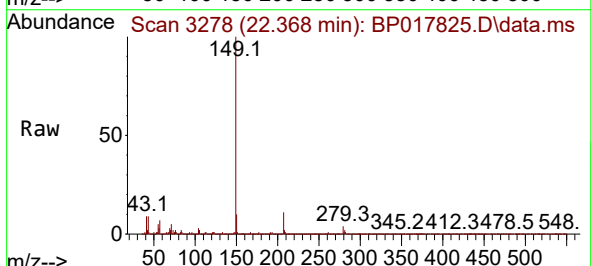
RT: 22.368 min Scan# 3278

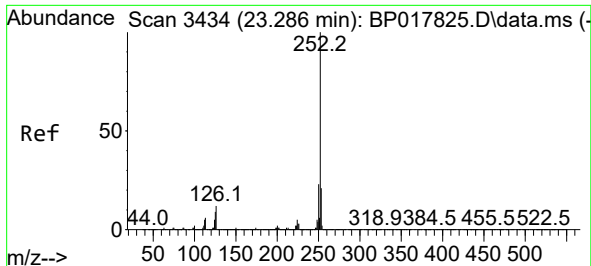
Delta R.T. 0.006 min

Lab File: BP017825.D

Acq: 31 Oct 2023 10:40

Tgt Ion:149 Resp: 737955

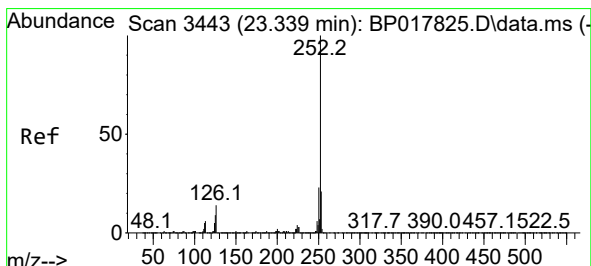
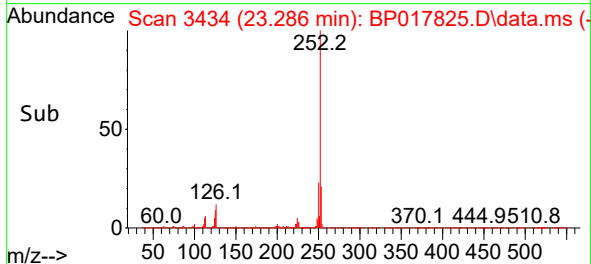
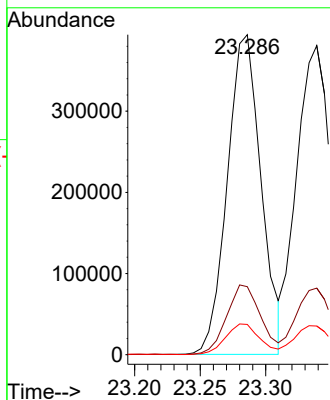
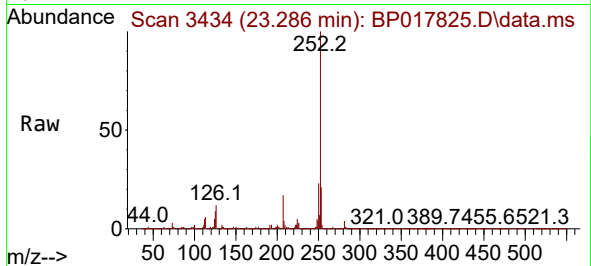




#90
Benzo(b)fluoranthene
Concen: 20.337 ng/ul
RT: 23.286 min Scan# 3434
Delta R.T. 0.011 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

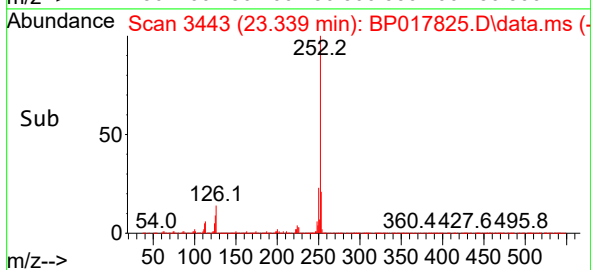
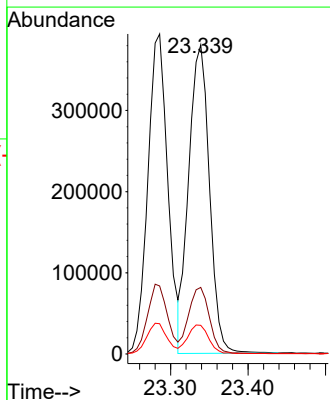
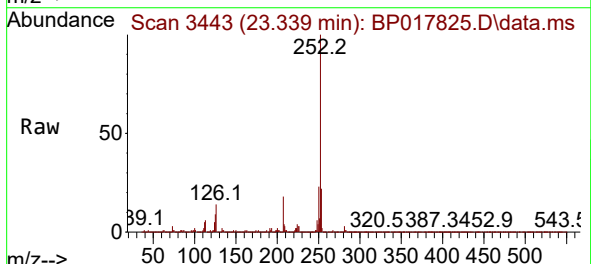
Instrument :
BNA_P
ClientSampleId :
SSTD020797

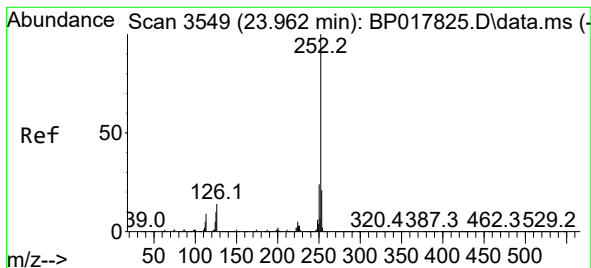
Tgt Ion:252 Resp: 705760
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.0
125 9.5 7.1 10.7



#91
Benzo(k)fluoranthene
Concen: 20.062 ng/ul
RT: 23.339 min Scan# 3443
Delta R.T. 0.012 min
Lab File: BP017825.D
Acq: 31 Oct 2023 10:40

Tgt Ion:252 Resp: 705614
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 9.3 7.0 10.6





#93

Benzo(a)pyrene

Concen: 20.450 ng/ul

RT: 23.962 min Scan# 3549

Delta R.T. 0.006 min

Lab File: BP017825.D

Acq: 31 Oct 2023 10:40

Instrument :

BNA_P

ClientSampleId :

SSTD020797

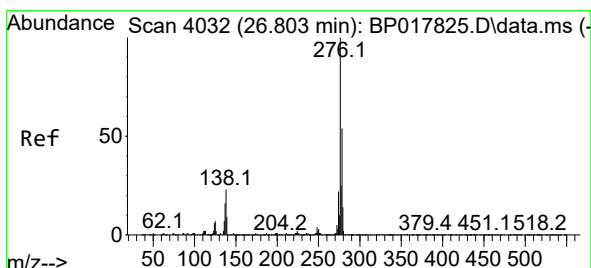
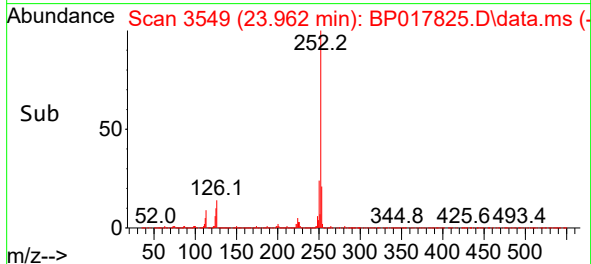
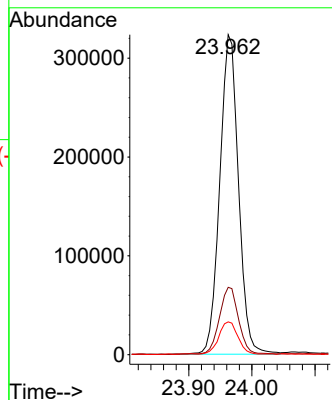
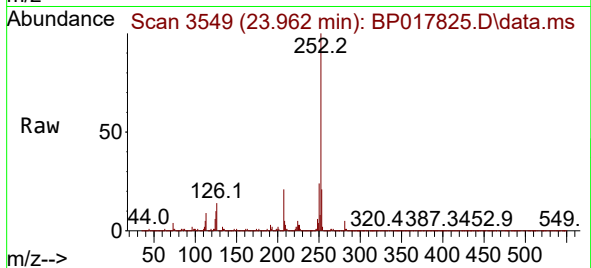
Tgt Ion:252 Resp: 666251

Ion Ratio Lower Upper

252 100

253 21.1 17.4 26.2

125 10.3 7.8 11.6



#94

Indeno(1,2,3-cd)pyrene

Concen: 19.405 ng/ul

RT: 26.803 min Scan# 4032

Delta R.T. 0.023 min

Lab File: BP017825.D

Acq: 31 Oct 2023 10:40

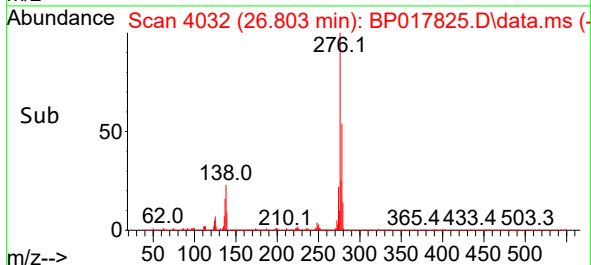
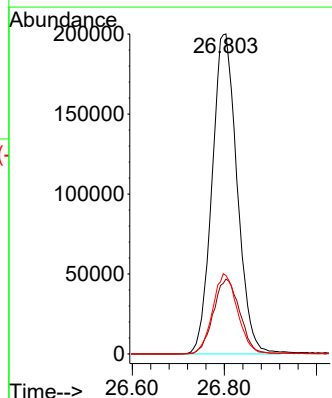
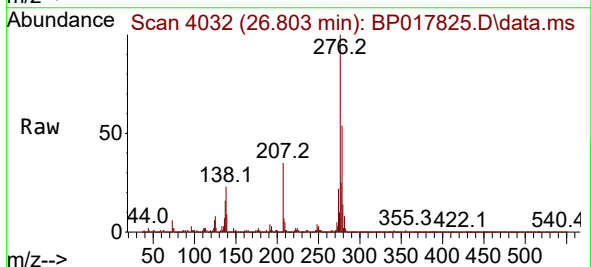
Tgt Ion:276 Resp: 753485

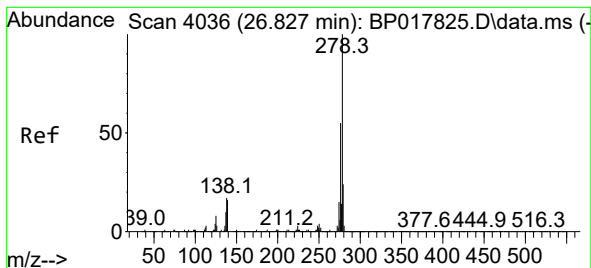
Ion Ratio Lower Upper

276 100

138 23.4 15.6 23.4#

277 24.6 19.4 29.2





#95

Dibenzo(a,h)anthracene

Concen: 19.013 ng/ul

RT: 26.827 min Scan# 4036

Delta R.T. 0.017 min

Lab File: BP017825.D

Acq: 31 Oct 2023 10:40

Instrument :

BNA_P

ClientSampleId :

SSTD020797

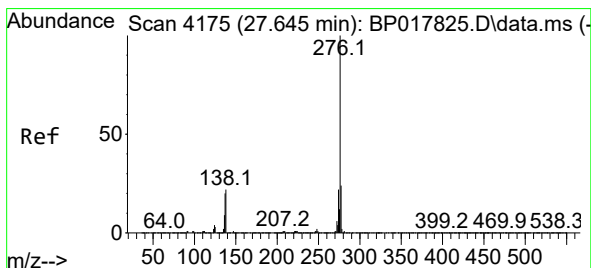
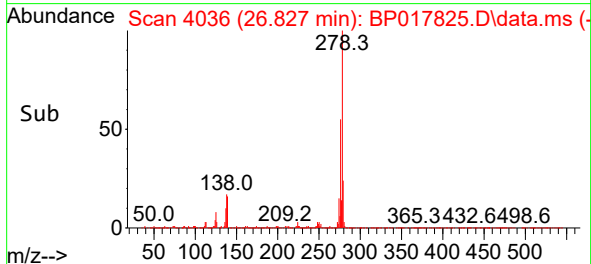
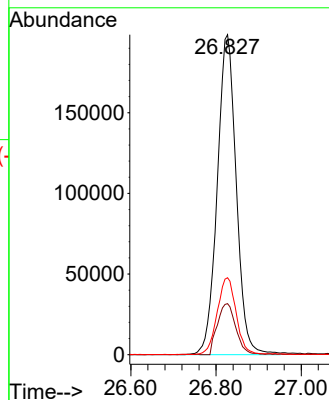
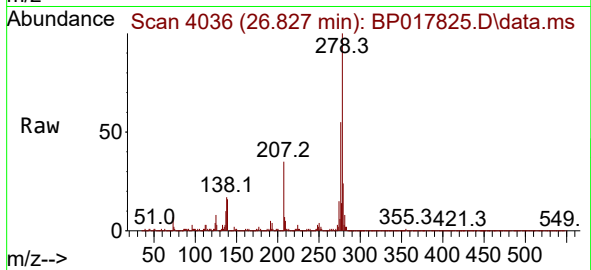
Tgt Ion:278 Resp: 615983

Ion Ratio Lower Upper

278 100

139 16.0 11.4 17.2

279 24.1 18.8 28.2



#96

Benzo(g,h,i)perylene

Concen: 19.402 ng/ul

RT: 27.645 min Scan# 4175

Delta R.T. 0.017 min

Lab File: BP017825.D

Acq: 31 Oct 2023 10:40

Tgt Ion:276 Resp: 606983

Ion Ratio Lower Upper

276 100

138 21.7 15.0 22.6

277 24.5 18.5 27.7

