

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
 Data File : BP017992.D
 Acq On : 09 Nov 2023 17:16
 Operator : MA/JU
 Sample : SSTD16051
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD160615

Quant Time: Nov 09 21:52:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 21:43:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	72711	20.000	ng/ul	0.00
20) Naphthalene-d8	10.693	136	308331	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.546	164	196619	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.328	188	431780	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	406367	20.000	ng/ul	0.00
88) Perylene-d12	23.969	264	426029	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	127684	60.113	ng/uL	0.00
4) Pyridine-d5	3.676	84	949014	171.909	ng/ul	0.00
7) Phenol-d5	7.040	99	1227415	179.628	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	689276	166.525	ng/ul	0.00
11) 2-Chlorophenol-d4	7.393	132	940572	172.037	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	966338	176.320	ng/ul	0.01
21) Nitrobenzene-d5	9.081	128	465299	168.517	ng/ul	0.00
24) 2-Nitrophenol-d4	9.793	143	551421	179.441	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	956753	173.795	ng/ul	0.00
31) 4-Chloroaniline-d4	10.869	131	1269408	168.267	ng/ul	0.00
46) Dimethylphthalate-d6	13.975	166	2844231	157.361	ng/ul	0.01
49) Acenaphthylene-d8	14.251	160	3185979	164.419	ng/ul	0.01
54) 4-Nitrophenol-d4	14.816	143	558581	211.005	ng/ul	0.02
60) Fluorene-d10	15.551	176	2378187	158.745	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.716	200	569530	188.904	ng/ul	0.02
73) Anthracene-d10	17.434	188	3770920	162.993	ng/ul	0.01
81) Pyrene-d10	19.681	212	4396773	168.114	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.816	264	4244737	171.416	ng/ul	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	138321	58.561	ng/uL	98
5) Pyridine	3.693	79	955706	168.645	ng/ul	98
6) Benzaldehyde	7.034	77	464412	123.476	ng/ul	95
8) Phenol	7.069	94	1190710	176.961	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.317	93	896573	168.826	ng/ul	99
12) 2-Chlorophenol	7.428	128	938731	168.795	ng/ul	99
13) 2-Methylphenol	8.322	108	893058	177.091	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.381	45	583612	94.841	ng/ul	98
16) Acetophenone	8.734	105	1500173	171.185	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.722	70	804252	167.562	ng/ul	100
18) 4-Methylphenol	8.675	108	949452	173.615	ng/ul	96
19) Hexachloroethane	8.922	117	418101	157.268	ng/ul	96
22) Nitrobenzene	9.128	77	1237399	164.709	ng/ul	96
23) Isophorone	9.646	82	2220797	166.960	ng/ul	98
25) 2-Nitrophenol	9.822	139	549607	173.930	ng/ul	99
26) 2,4-Dimethylphenol	9.869	107	1112083	164.637	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.122	93	1207922	160.852	ng/ul	100
29) 2,4-Dichlorophenol	10.346	162	918738	174.044	ng/ul	96
30) Naphthalene	10.746	128	2978104	159.296	ng/ul	100
32) 4-Chloroaniline	10.899	127	1216206	168.509	ng/ul	98
33) Hexachlorobutadiene	10.963	225	631410	160.997	ng/ul	97
34) Caprolactam	11.769	113	154017	91.429	ng/ul	93
35) 4-Chloro-3-methylphenol	12.016	107	1071492	170.474	ng/ul	96
36) 2-Methylnaphthalene	12.357	142	2071957	162.145	ng/ul	95

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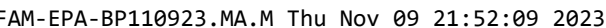
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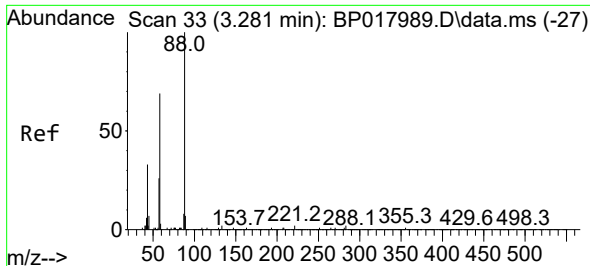
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.581	142	2097535	161.127	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.710	216	1123264	168.481	ng/ul	97
40) Hexachlorocyclopentadiene	12.646	237	699905	219.579	ng/ul	97
41) 2,4,6-Trichlorophenol	12.975	196	766995	176.943	ng/ul	98
42) 2,4,5-Trichlorophenol	13.052	196	808812	176.759	ng/ul	97
43) 1,1'-Biphenyl	13.381	154	2709968	162.095	ng/ul	99
44) 2-Chloronaphthalene	13.428	162	2165490	163.737	ng/ul	100
45) 2-Nitroaniline	13.681	65	771902	184.499	ng/ul	95
47) Dimethylphthalate	14.022	163	2795403	153.307	ng/ul	99
48) 2,6-Dinitrotoluene	14.181	165	612708	178.951	ng/ul	86
50) Acenaphthylene	14.281	152	3584133	161.510	ng/ul	98
51) 3-Nitroaniline	14.522	138	528272	165.864	ng/ul	97
52) Acenaphthene	14.616	153	2357737	159.891	ng/ul	99
53) 2,4-Dinitrophenol	14.728	184	401406	219.411	ng/ul	99
55) 4-Nitrophenol	14.828	109	640038	178.471	ng/ul	95
56) Dibenzofuran	14.951	168	3217644	158.077	ng/ul	100
57) 2,4-Dinitrotoluene	14.969	165	903134	172.458	ng/ul	85
58) 2,3,4,6-Tetrachlorophenol	15.175	232	694181	171.080	ng/ul	97
59) Diethylphthalate	15.381	149	2971596	101.266	ng/ul	99
61) Fluorene	15.610	166	2768139	161.248	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.598	204	1419378	168.434	ng/ul	93
63) 4-Nitroaniline	15.710	138	495502	164.350	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.728	198	584138	184.945	ng/ul#	95
67) N-Nitrosodiphenylamine	15.834	169	2251493	162.812	ng/ul	100
68) 4-Bromophenyl-phenylether	16.504	248	834892	177.097	ng/ul	94
69) Hexachlorobenzene	16.587	284	928076	173.660	ng/ul	93
70) Atrazine	16.798	200	756706	158.126	ng/ul	98
71) Pentachlorophenol	16.957	266	615049	187.376	ng/ul	97
72) Phenanthrene	17.375	178	4264818	158.683	ng/ul	98
74) Anthracene	17.469	178	4353392	160.216	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.328	216	1128356	174.177	ng/ul	98
76) Pentachlorobenzene	14.846	250	1120700	176.050	ng/ul	97
77) Carbazole	17.763	167	3864120	164.686	ng/ul	99
78) Di-n-butylphthalate	18.263	149	5026604	159.291	ng/ul	99
80) Fluoranthene	19.351	202	5099342	168.459	ng/ul	100
82) Pyrene	19.716	202	5293438	165.456	ng/ul	97
83) Butylbenzylphthalate	20.575	149	2410896	174.019	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.380	252	1612903	167.499	ng/ul	98
85) Benzo(a)anthracene	21.439	228	5405739	165.468	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.316	149	3397194	174.875	ng/ul#	95
87) Chrysene	21.498	228	4931738	160.271	ng/ul	98
89) Di-n-octyl phthalate	22.280	149	5796157	179.242	ng/ul	100
90) Benzo(b)fluoranthene	23.198	252	5244707	171.290	ng/ul	97
91) Benzo(k)fluoranthene	23.251	252	5116221	167.414	ng/ul	99
93) Benzo(a)pyrene	23.874	252	4921359	170.516	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.686	276	5943501	173.749	ng/ul	94
95) Dibenzo(a,h)anthracene	26.704	278	5022282	177.585	ng/ul	98
96) Benzo(g,h,i)perylene	27.515	276	4559462	167.023	ng/ul	99

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

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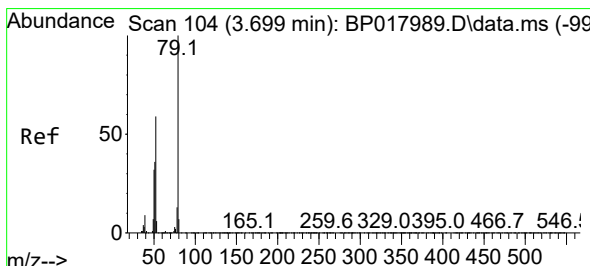
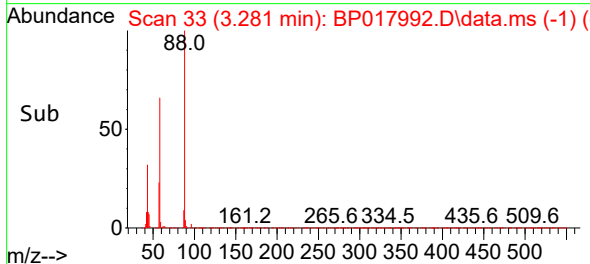
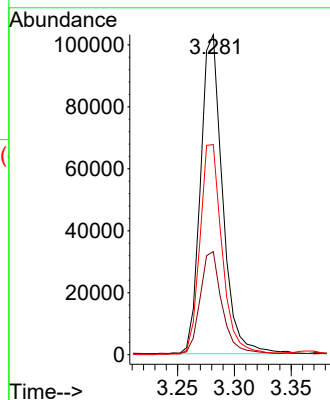
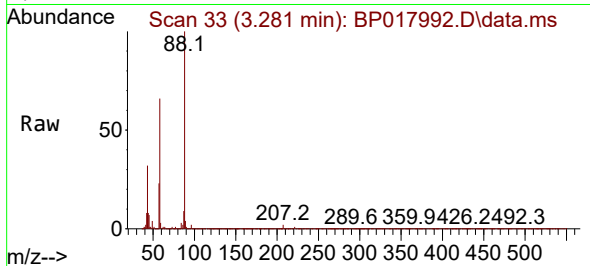




#2
1,4-Dioxane
Concen: 58.561 ng/uL
RT: 3.281 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP017992.D
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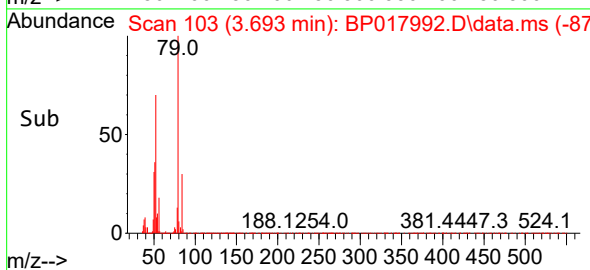
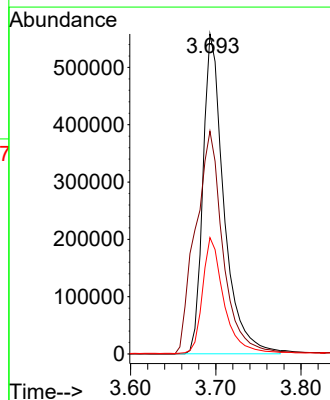
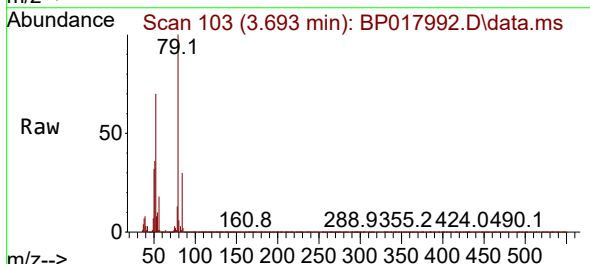
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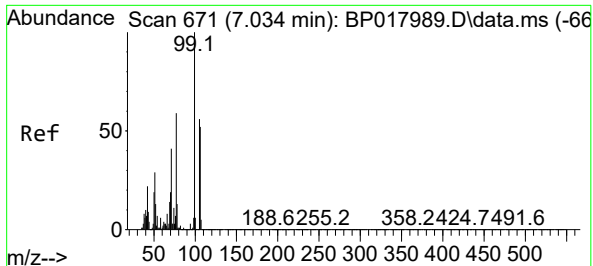
Tgt Ion: 88 Resp: 138321
Ion Ratio Lower Upper
88 100
43 32.2 26.3 39.5
58 65.7 54.0 81.0



#5
Pyridine
Concen: 168.645 ng/uL
RT: 3.693 min Scan# 103
Delta R.T. -0.006 min
Lab File: BP017992.D
Acq: 09 Nov 2023 17:16

Tgt Ion: 79 Resp: 955706
Ion Ratio Lower Upper
79 100
52 69.6 56.8 85.2
51 36.3 30.9 46.3

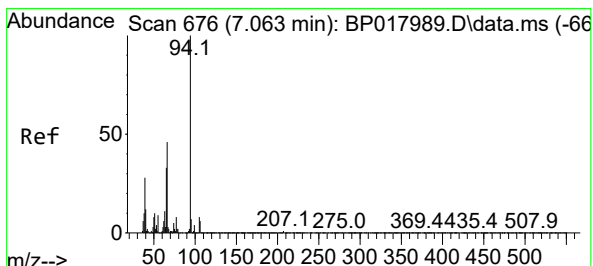
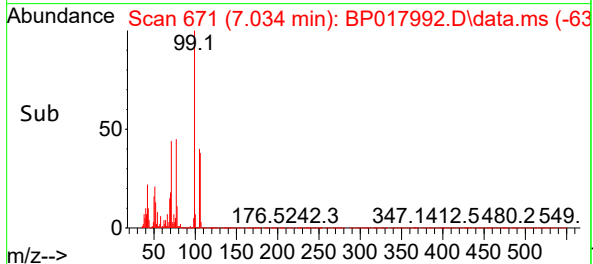
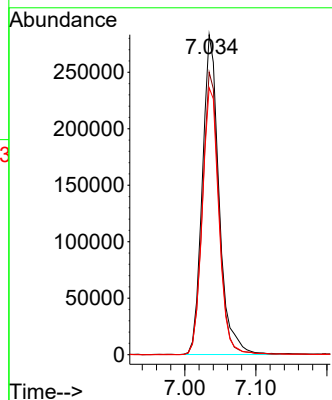
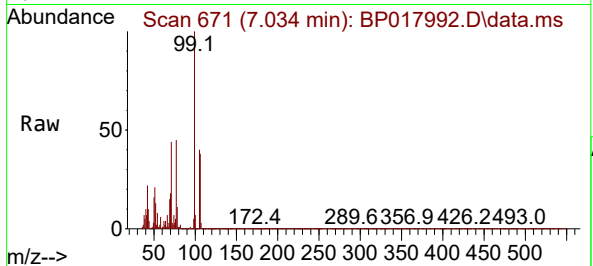




#6
Benzaldehyde
Concen: 123.476 ng/ul
RT: 7.034 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP017992.D
Acq: 09 Nov 2023 17:16

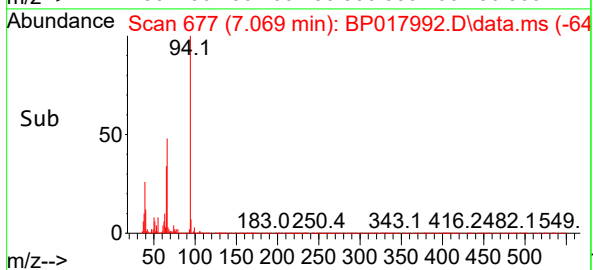
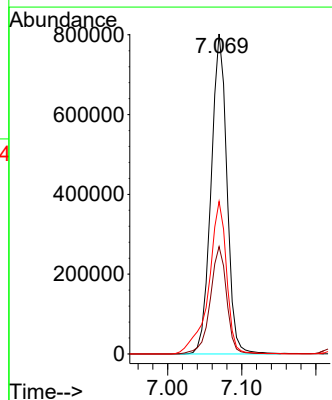
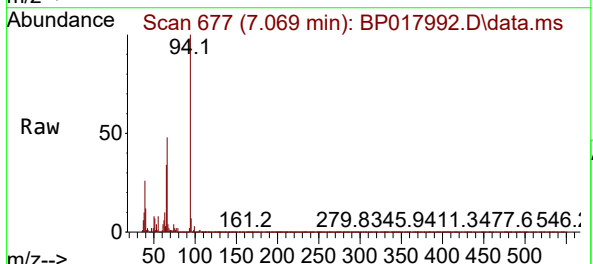
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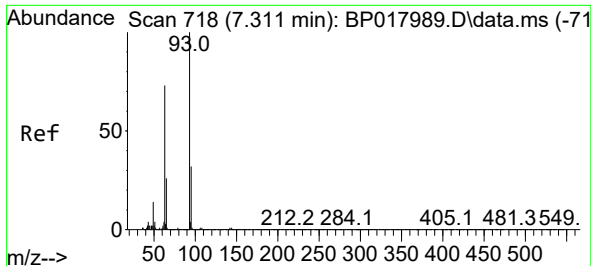
Tgt Ion: 77 Resp: 464412
Ion Ratio Lower Upper
77 100
105 88.3 75.8 113.6
106 83.4 69.6 104.4



#8
Phenol
Concen: 176.961 ng/ul
RT: 7.069 min Scan# 677
Delta R.T. 0.006 min
Lab File: BP017992.D
Acq: 09 Nov 2023 17:16

Tgt Ion: 94 Resp: 1190710
Ion Ratio Lower Upper
94 100
65 33.6 26.5 39.7
66 47.7 37.0 55.6

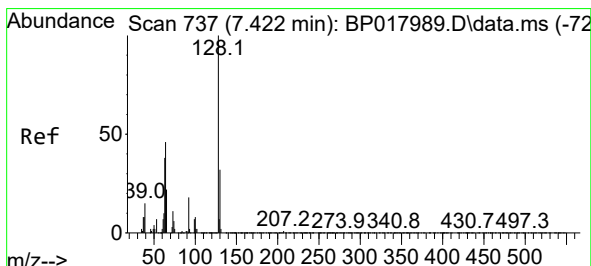
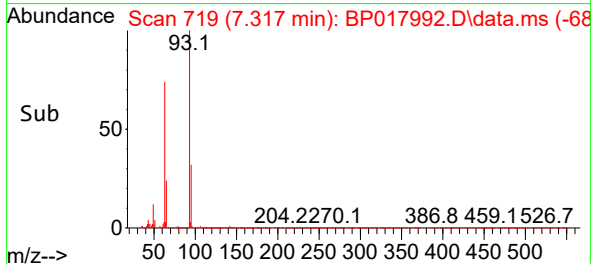
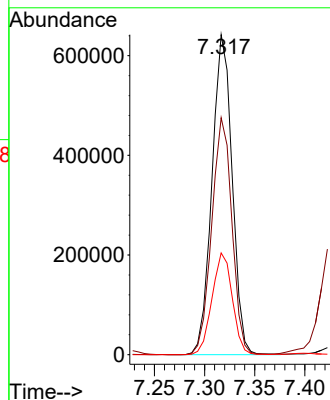
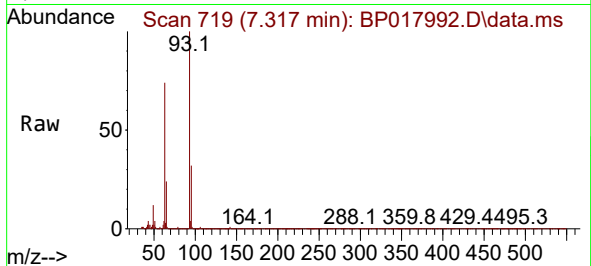




#10
Bis(2-Chloroethyl)ether
Concen: 168.826 ng/ul
RT: 7.317 min Scan# 718
Delta R.T. 0.006 min
Lab File: BP017992.D
Acq: 09 Nov 2023 17:16

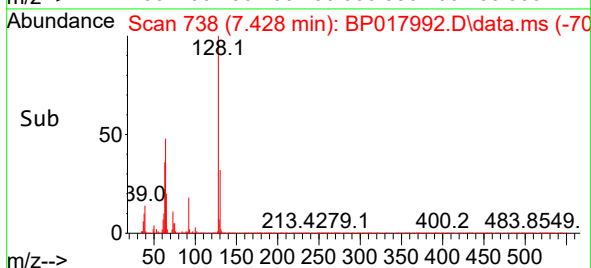
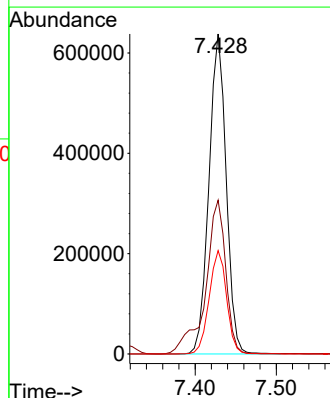
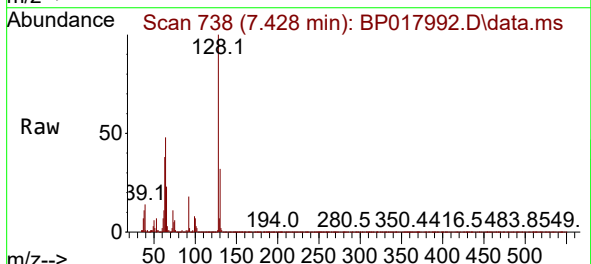
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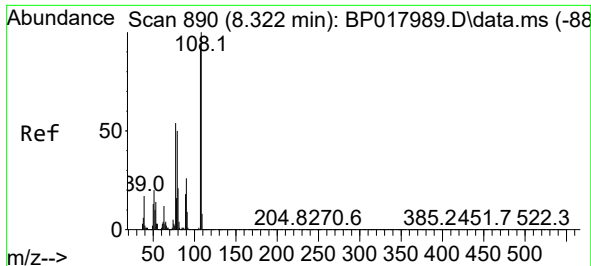
Tgt Ion: 93 Resp: 896573
Ion Ratio Lower Upper
93 100
63 74.0 58.3 87.5
95 31.8 25.9 38.9



#12
2-Chlorophenol
Concen: 168.795 ng/ul
RT: 7.428 min Scan# 738
Delta R.T. 0.006 min
Lab File: BP017992.D
Acq: 09 Nov 2023 17:16

Tgt Ion:128 Resp: 938731
Ion Ratio Lower Upper
128 100
64 48.0 38.9 58.3
130 32.3 25.9 38.9

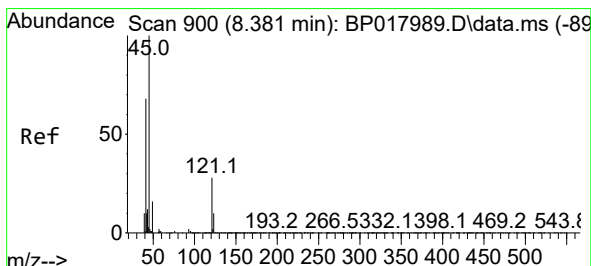
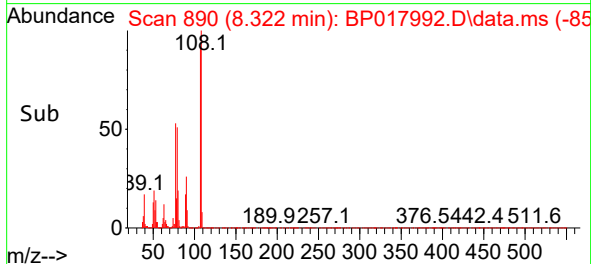
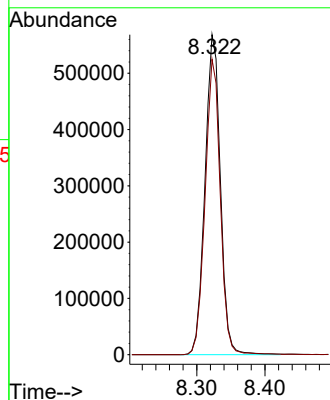
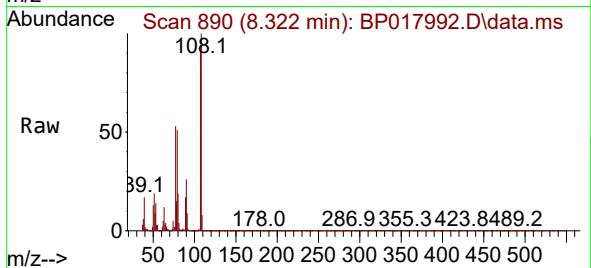




#13
2-Methylphenol
Concen: 177.091 ng/ul
RT: 8.322 min Scan# 890
Delta R.T. 0.000 min
Lab File: BP017992.D
Acq: 09 Nov 2023 17:16

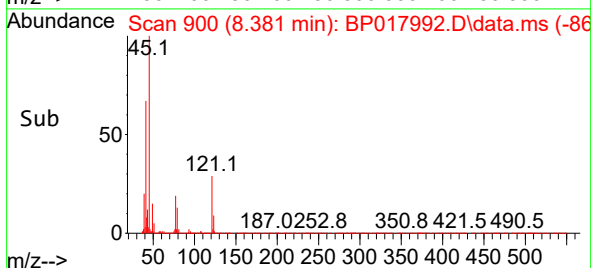
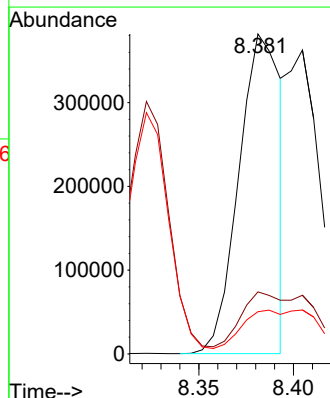
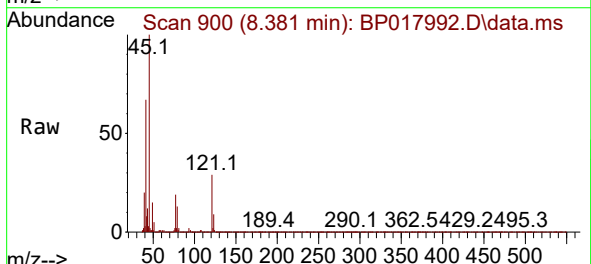
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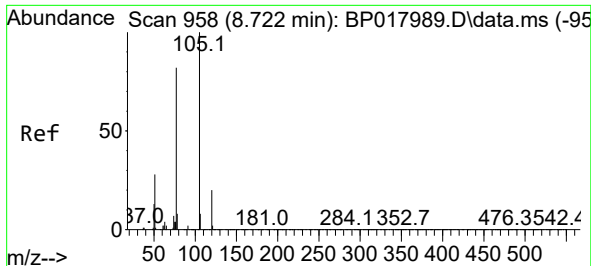
Tgt Ion:108 Resp: 893058
Ion Ratio Lower Upper
108 100
107 92.3 74.0 111.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 94.841 ng/ul
RT: 8.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BP017992.D
Acq: 09 Nov 2023 17:16

Tgt Ion: 45 Resp: 583612
Ion Ratio Lower Upper
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77 19.4 16.6 24.8
79 13.2 10.6 16.0

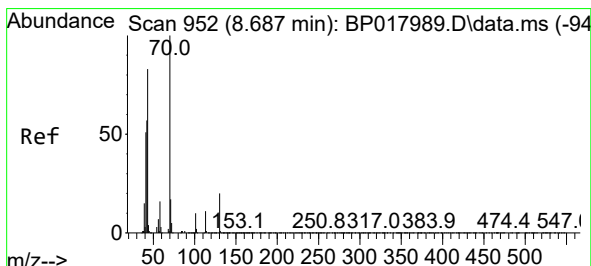
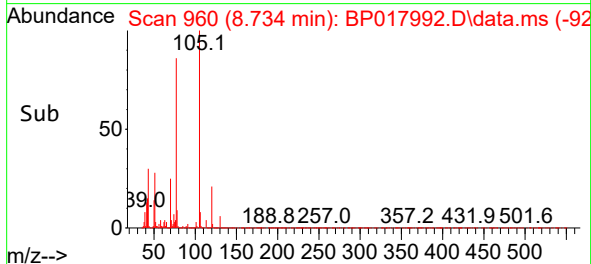
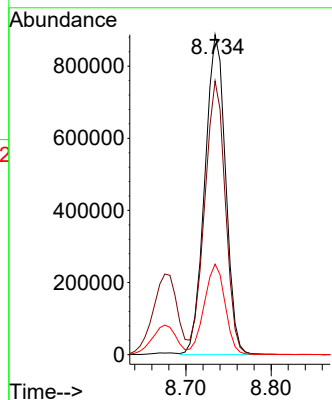
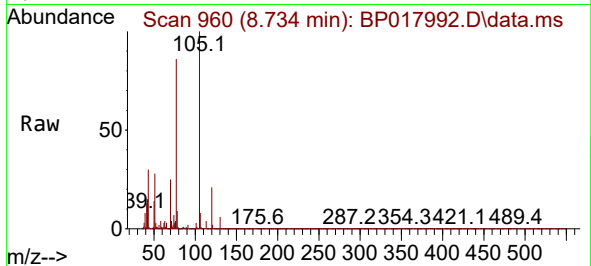




#16
Acetophenone
Concen: 171.185 ng/ul
RT: 8.734 min Scan# 90
Delta R.T. 0.012 min
Lab File: BP017992.D
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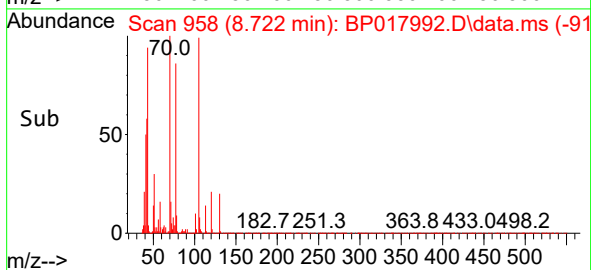
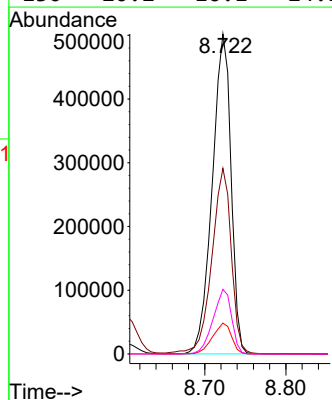
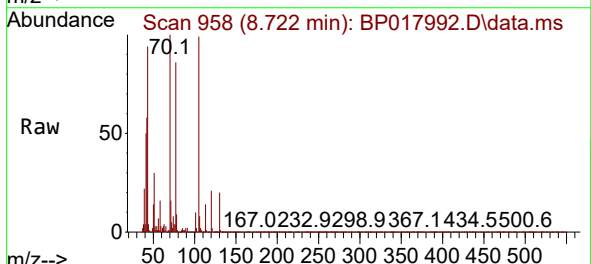
Instrument :
BNA_P
ClientSampleId :
SSTD160615

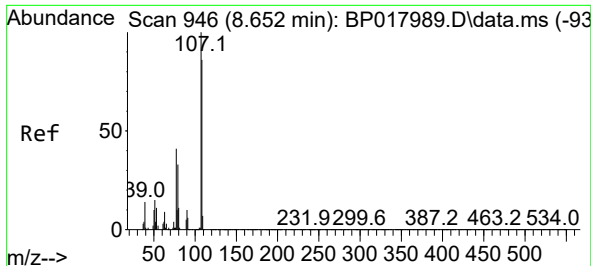
Tgt Ion:105 Resp: 1500173
Ion Ratio Lower Upper
105 100
77 85.6 68.2 102.4
51 28.3 24.1 36.1



#17
N-Nitroso-di-n-propylamine
Concen: 167.562 ng/ul
RT: 8.722 min Scan# 958
Delta R.T. 0.035 min
Lab File: BP017992.D
Acq: 09 Nov 2023 17:16

Tgt Ion: 70 Resp: 804252
Ion Ratio Lower Upper
70 100
42 58.0 46.7 70.1
101 9.6 7.7 11.5
130 20.2 16.1 24.1

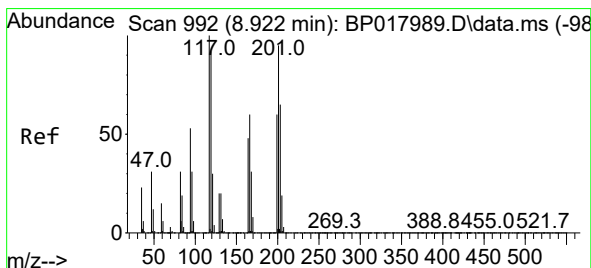
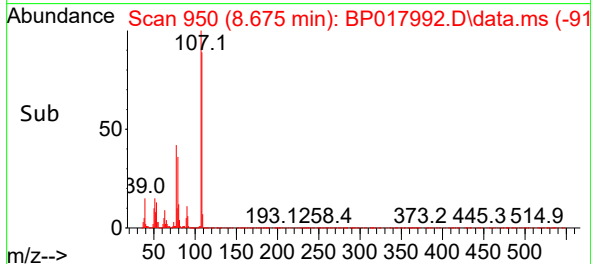
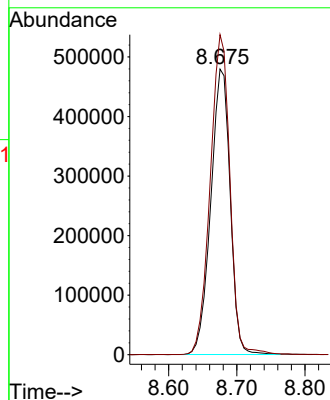
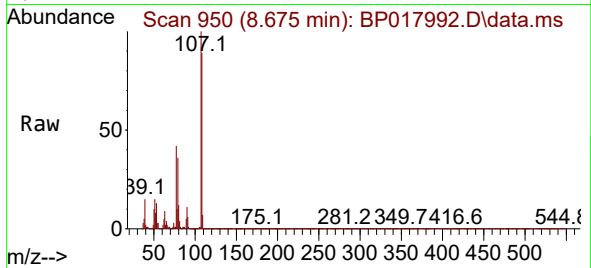




#18
4-Methylphenol
Concen: 173.615 ng/ul
RT: 8.675 min Scan# 91
Delta R.T. 0.024 min
Lab File: BP017992.D
Acq: 09 Nov 2023 17:16

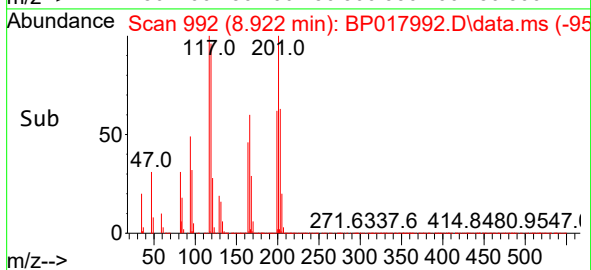
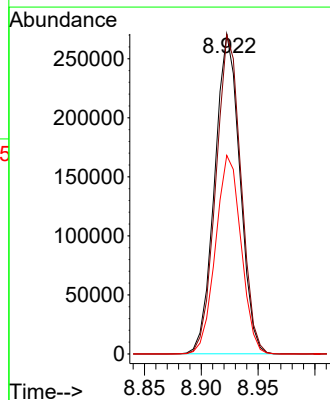
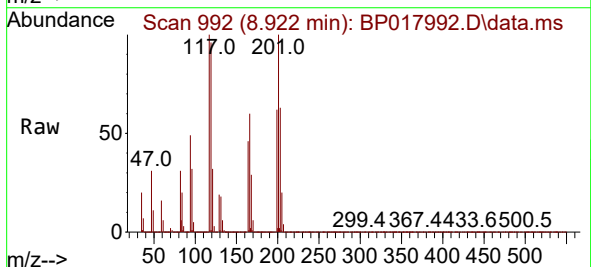
Instrument :
BNA_P
ClientSampleId :
SSTD160615

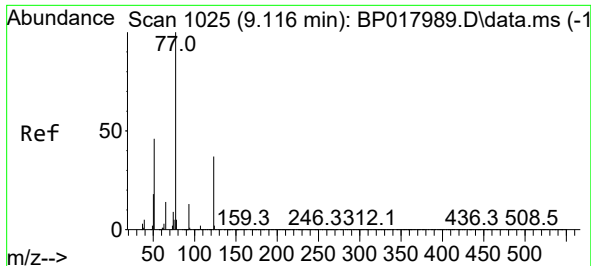
Tgt Ion:108 Resp: 949452
Ion Ratio Lower Upper
108 100
107 112.1 93.1 139.7



#19
Hexachloroethane
Concen: 157.268 ng/ul
RT: 8.922 min Scan# 992
Delta R.T. 0.000 min
Lab File: BP017992.D
Acq: 09 Nov 2023 17:16

Tgt Ion:117 Resp: 418101
Ion Ratio Lower Upper
117 100
201 99.8 76.0 114.0
199 62.1 47.6 71.4

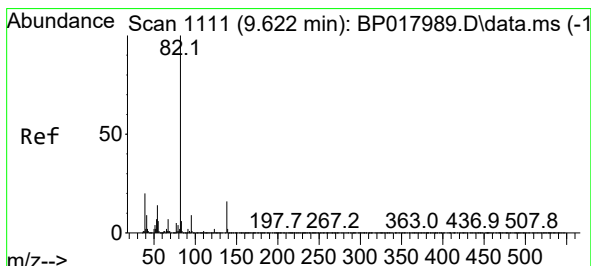
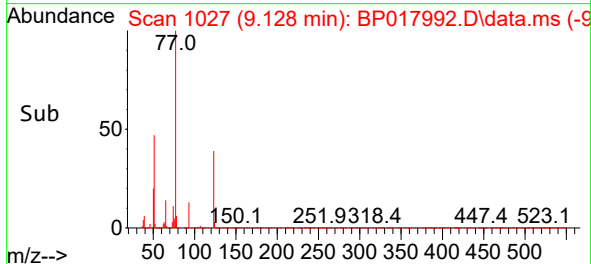
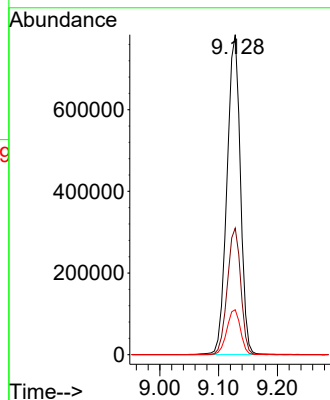
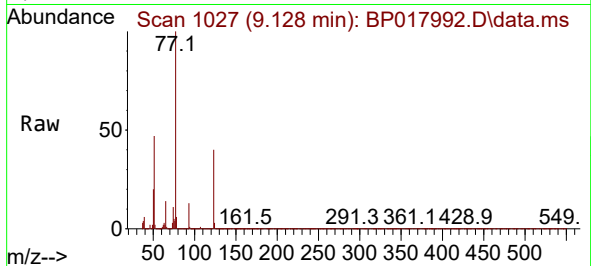




#22
Nitrobenzene
Concen: 164.709 ng/ul
RT: 9.128 min Scan# 1025
Delta R.T. 0.012 min
Lab File: BP017992.D
Acq: 09 Nov 2023 17:16

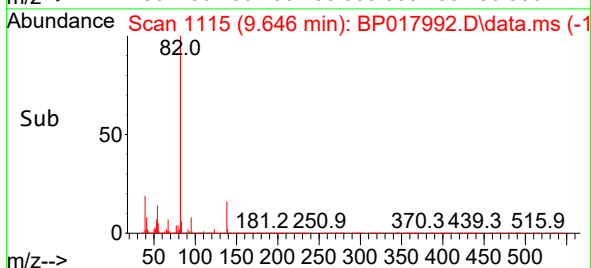
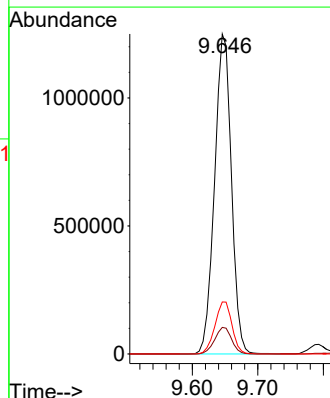
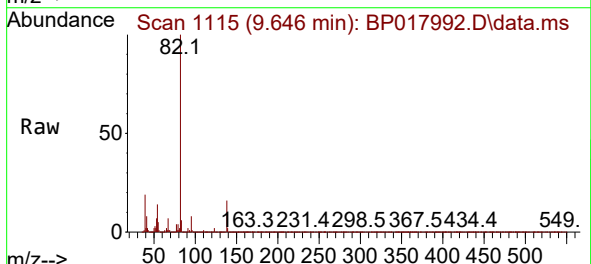
Instrument :
BNA_P
ClientSampleId :
SSTD160615

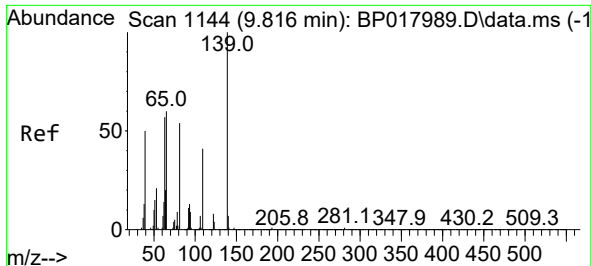
Tgt Ion: 77 Resp: 1237399
Ion Ratio Lower Upper
77 100
123 39.6 29.4 44.2
65 14.1 11.4 17.2



#23
Isophorone
Concen: 166.960 ng/ul
RT: 9.646 min Scan# 1115
Delta R.T. 0.024 min
Lab File: BP017992.D
Acq: 09 Nov 2023 17:16

Tgt Ion: 82 Resp: 2220797
Ion Ratio Lower Upper
82 100
95 8.3 7.5 11.3
138 16.3 12.5 18.7

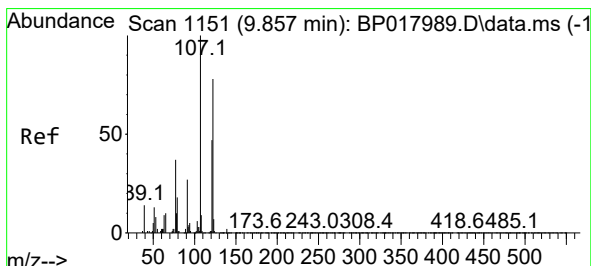
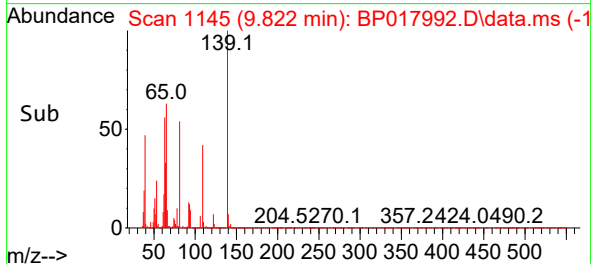
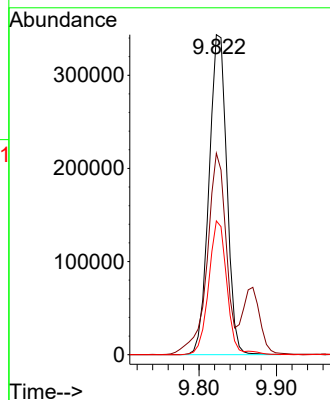
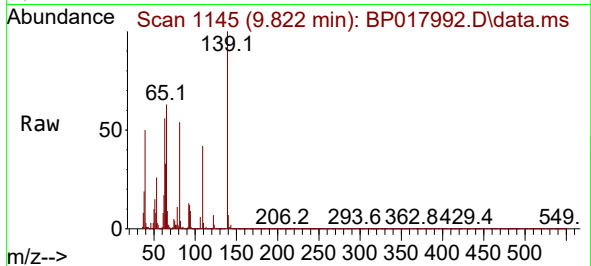




#25
2-Nitrophenol
Concen: 173.930 ng/ul
RT: 9.822 min Scan# 1144
Delta R.T. 0.006 min
Lab File: BP017992.D
Acq: 09 Nov 2023 17:16

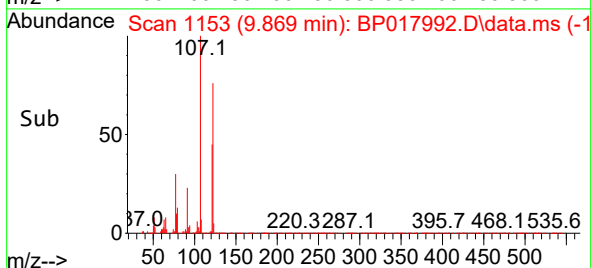
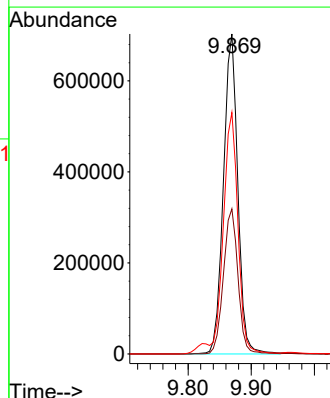
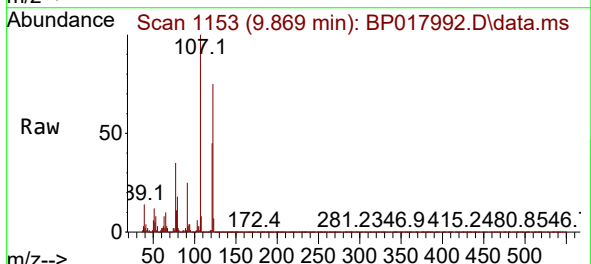
Instrument :
BNA_P
ClientSampleId :
SSTD160615

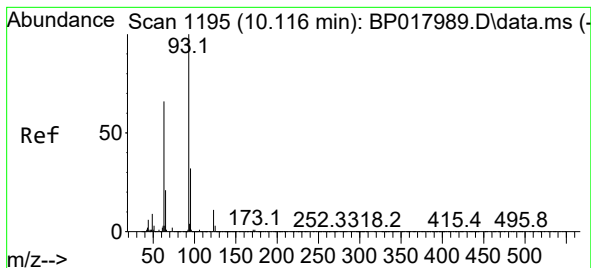
Tgt Ion:139 Resp: 549607
Ion Ratio Lower Upper
139 100
65 63.0 51.6 77.4
109 41.8 33.3 49.9



#26
2,4-Dimethylphenol
Concen: 164.637 ng/ul
RT: 9.869 min Scan# 1153
Delta R.T. 0.012 min
Lab File: BP017992.D
Acq: 09 Nov 2023 17:16

Tgt Ion:107 Resp: 1112083
Ion Ratio Lower Upper
107 100
121 45.4 37.8 56.6
122 75.4 62.2 93.2



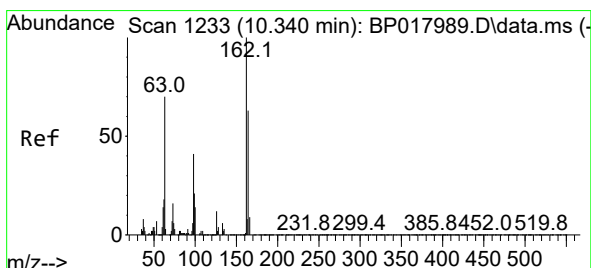
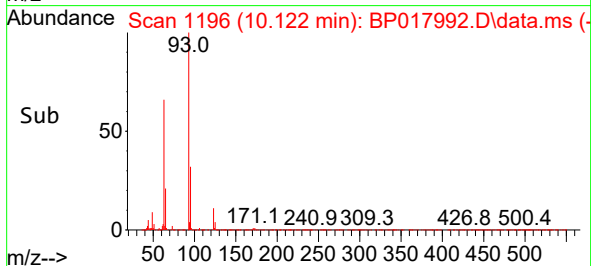
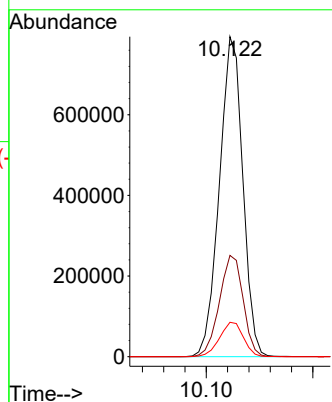
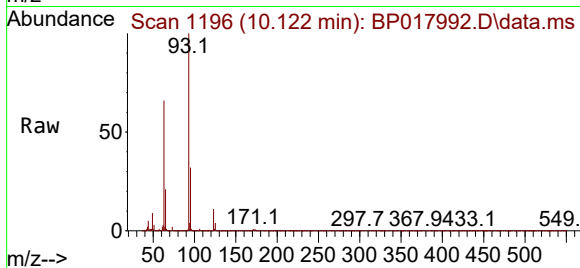


#27
 Bis(2-Chloroethoxy)methane
 Concen: 160.852 ng/ul
 RT: 10.122 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: BP017992.D
 Acq: 09 Nov 2023 17:16

Instrument :
 BNA_P
 ClientSampleId :
 SSTD160615

Tgt Ion: 93 Resp: 1207922

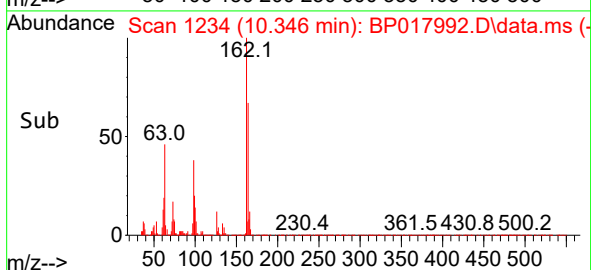
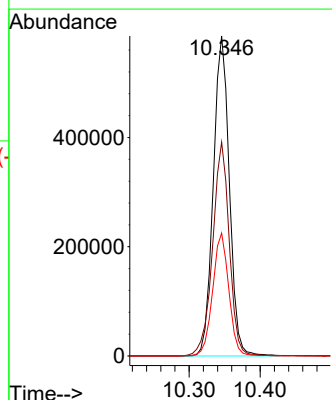
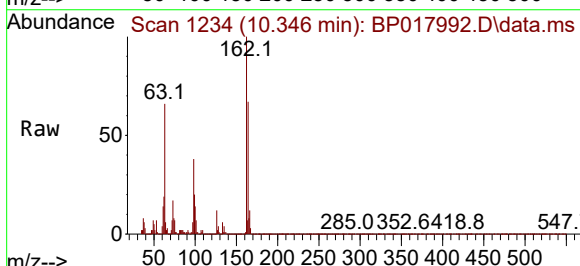
Ion	Ratio	Lower	Upper
93	100		
95	31.6	25.4	38.2
123	10.8	8.5	12.7

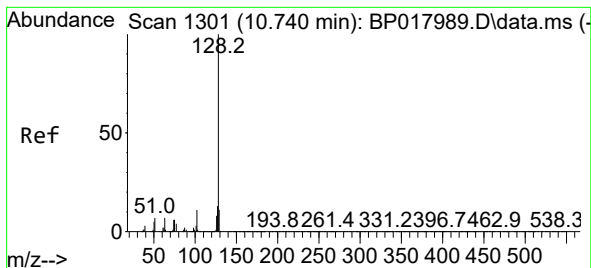


#29
 2,4-Dichlorophenol
 Concen: 174.044 ng/ul
 RT: 10.346 min Scan# 1234
 Delta R.T. 0.006 min
 Lab File: BP017992.D
 Acq: 09 Nov 2023 17:16

Tgt Ion: 162 Resp: 918738

Ion	Ratio	Lower	Upper
162	100		
164	66.9	51.0	76.6
98	38.4	32.6	48.8





#30

Naphthalene

Concen: 159.296 ng/ul

RT: 10.746 min Scan# 1301

Delta R.T. 0.006 min

Lab File: BP017992.D

Acq: 09 Nov 2023 17:16

Instrument :

BNA_P

ClientSampleId :

SSTD160615

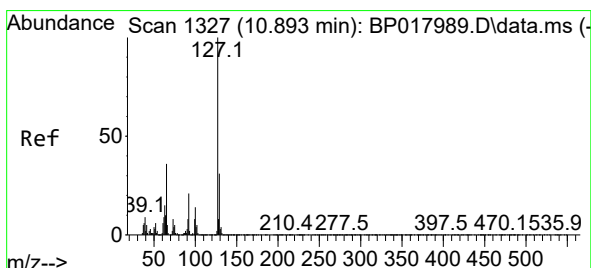
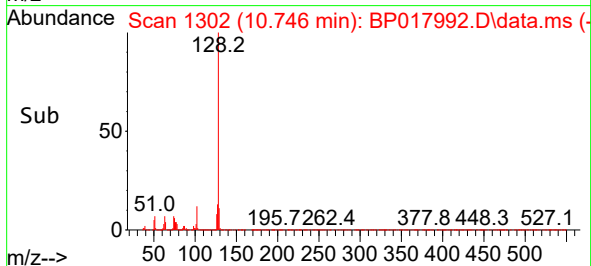
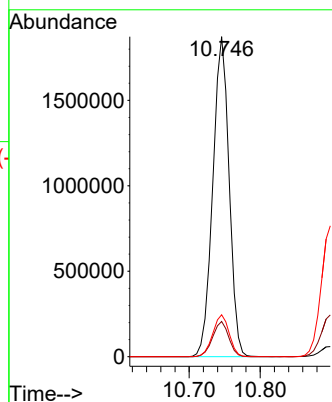
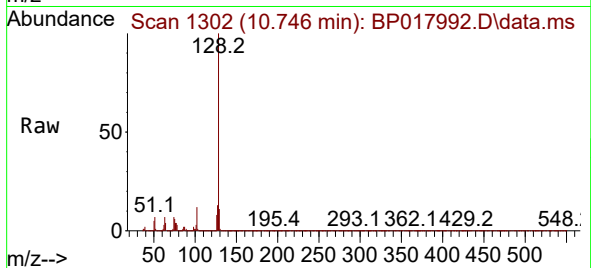
Tgt Ion:128 Resp: 2978104

Ion Ratio Lower Upper

128 100

129 11.0 8.6 12.8

127 13.1 10.5 15.7



#32

4-Chloroaniline

Concen: 168.509 ng/ul

RT: 10.899 min Scan# 1328

Delta R.T. 0.006 min

Lab File: BP017992.D

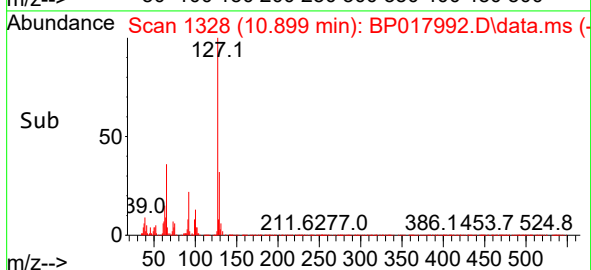
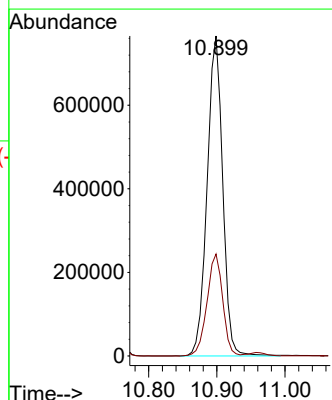
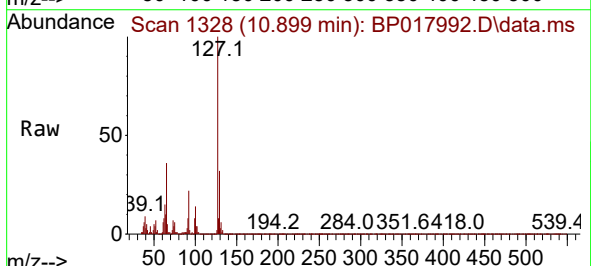
Acq: 09 Nov 2023 17:16

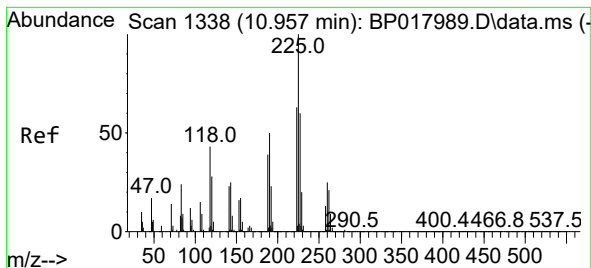
Tgt Ion:127 Resp: 1216206

Ion Ratio Lower Upper

127 100

129 31.9 24.8 37.2





#33

Hexachlorobutadiene

Concen: 160.997 ng/ul

RT: 10.963 min Scan# 1339

Delta R.T. 0.006 min

Lab File: BP017992.D

Acq: 09 Nov 2023 17:16

Instrument :

BNA_P

ClientSampleId :

SSTD160615

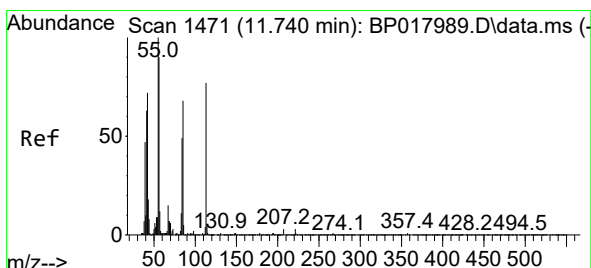
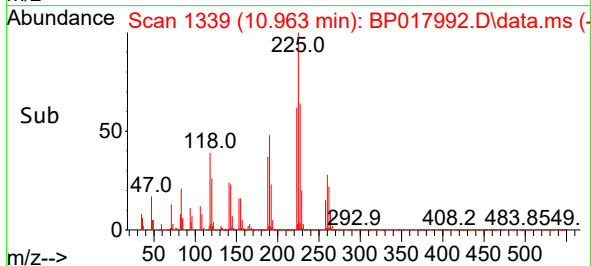
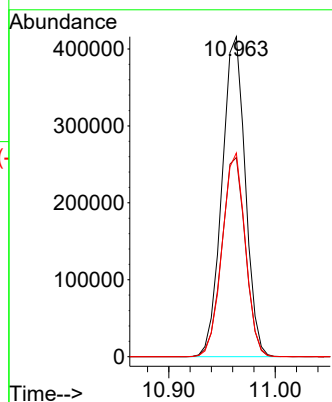
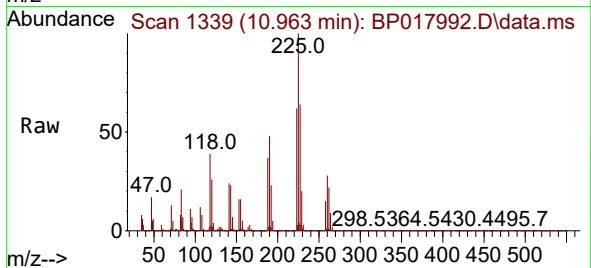
Tgt Ion:225 Resp: 631410

Ion Ratio Lower Upper

225 100

223 62.2 50.6 75.8

227 63.6 47.9 71.9



#34

Caprolactam

Concen: 91.429 ng/ul

RT: 11.769 min Scan# 1476

Delta R.T. 0.030 min

Lab File: BP017992.D

Acq: 09 Nov 2023 17:16

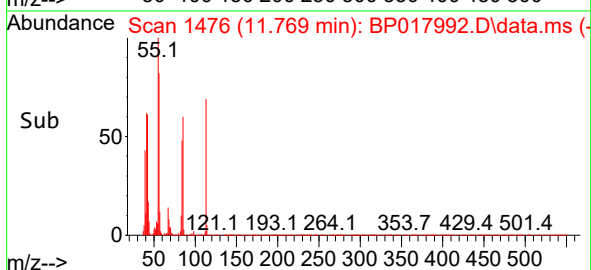
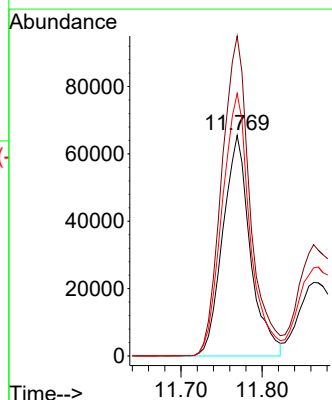
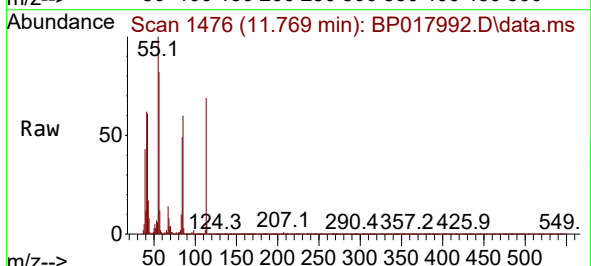
Tgt Ion:113 Resp: 154017

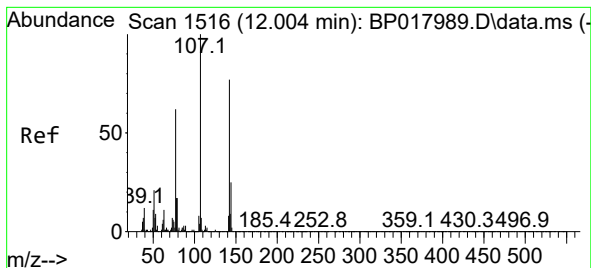
Ion Ratio Lower Upper

113 100

55 145.0 105.3 157.9

56 119.0 94.2 141.2

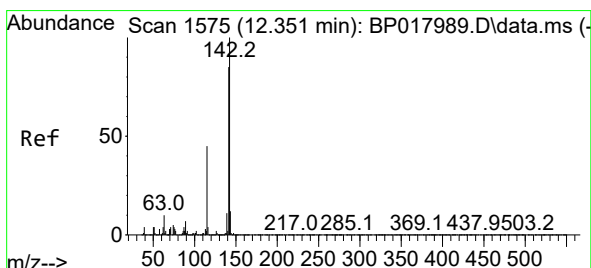
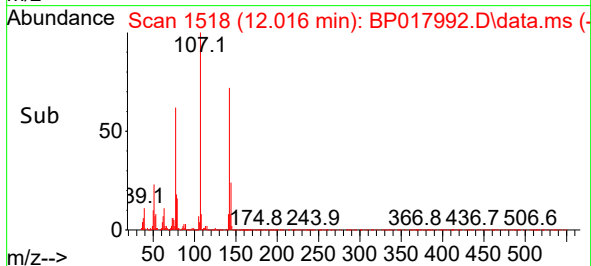
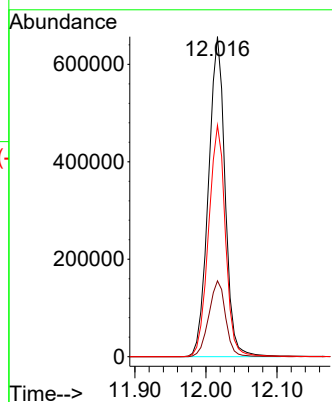
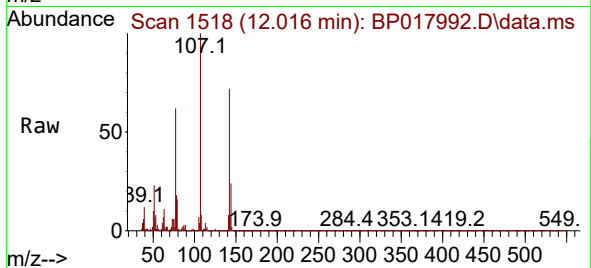




#35
4-Chloro-3-methylphenol
Concen: 170.474 ng/ul
RT: 12.016 min Scan# 1516
Delta R.T. 0.012 min
Lab File: BP017992.D
Acq: 09 Nov 2023 17:16

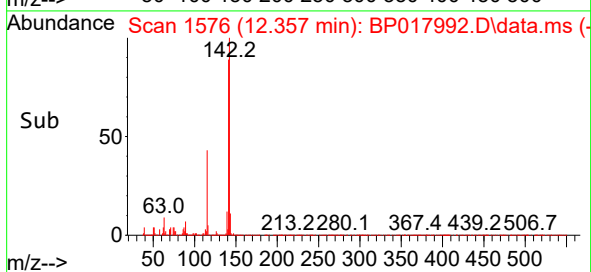
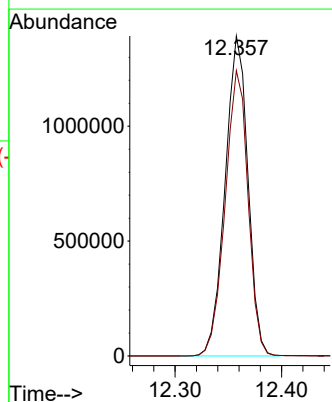
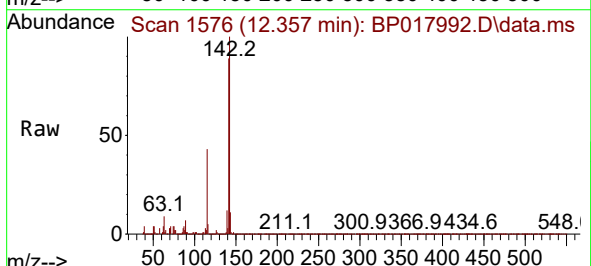
Instrument :
BNA_P
ClientSampleId :
SSTD160615

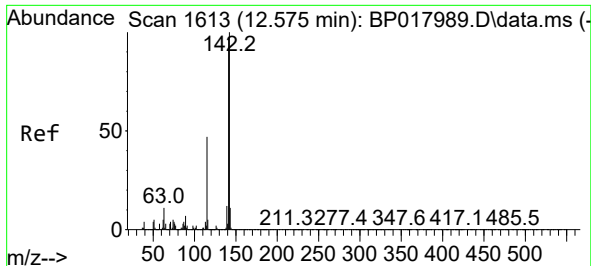
Tgt Ion:107 Resp: 1071492
Ion Ratio Lower Upper
107 100
144 23.7 20.0 30.0
142 72.3 61.3 91.9



#36
2-Methylnaphthalene
Concen: 162.145 ng/ul
RT: 12.357 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BP017992.D
Acq: 09 Nov 2023 17:16

Tgt Ion:142 Resp: 2071957
Ion Ratio Lower Upper
142 100
141 89.2 68.0 102.0





#37

1-Methylnaphthalene

Concen: 161.127 ng/ul

RT: 12.581 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP017992.D

Acq: 09 Nov 2023 17:16

Instrument :

BNA_P

ClientSampleId :

SSTD160615

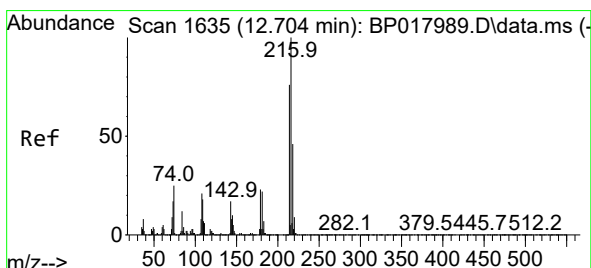
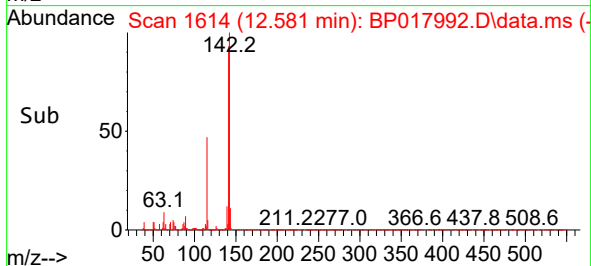
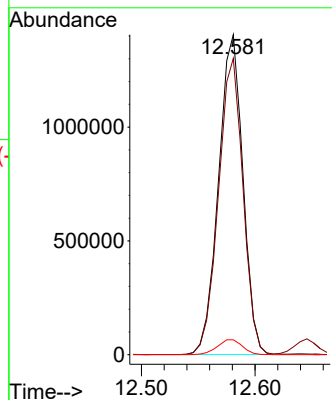
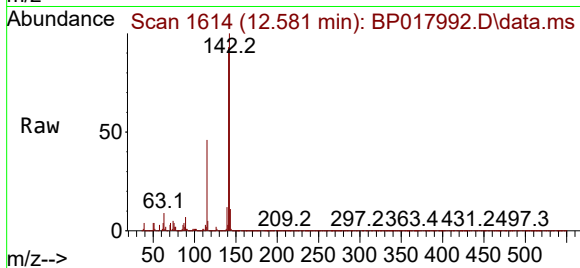
Tgt Ion:142 Resp: 2097535

Ion Ratio Lower Upper

142 100

141 92.6 77.9 116.9

116 4.6 3.9 5.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 168.481 ng/ul

RT: 12.710 min Scan# 1636

Delta R.T. 0.006 min

Lab File: BP017992.D

Acq: 09 Nov 2023 17:16

Tgt Ion:216 Resp: 1123264

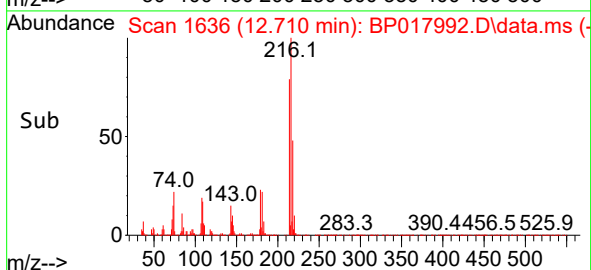
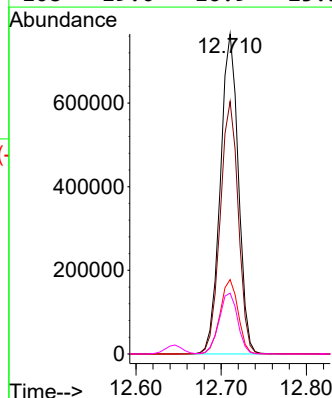
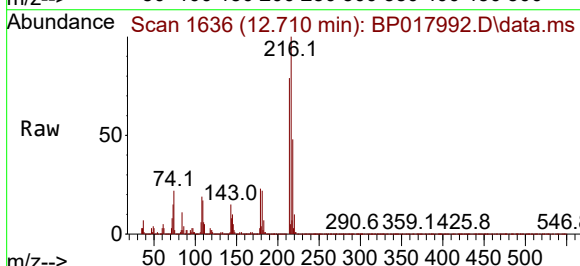
Ion Ratio Lower Upper

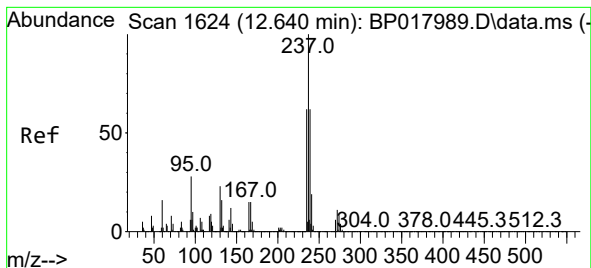
216 100

214 78.9 61.2 91.8

179 23.3 18.6 28.0

108 19.0 16.9 25.3





#40

Hexachlorocyclopentadiene

Concen: 219.579 ng/ul

RT: 12.646 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP017992.D

Acq: 09 Nov 2023 17:16

Instrument :

BNA_P

ClientSampleId :

SSTD160615

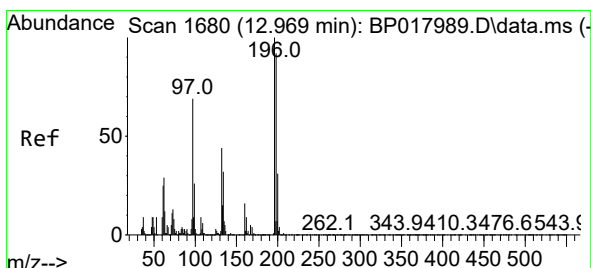
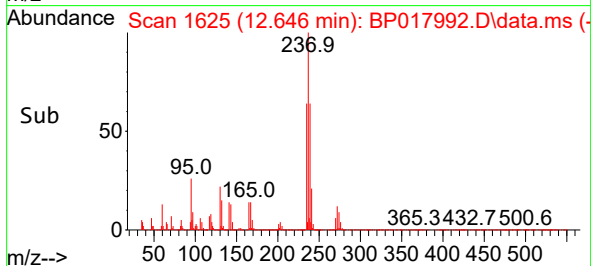
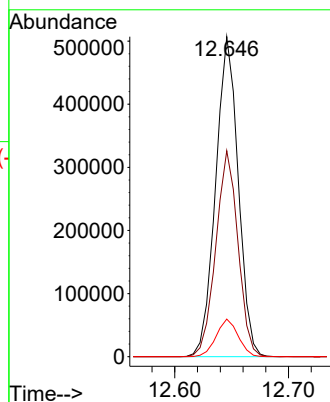
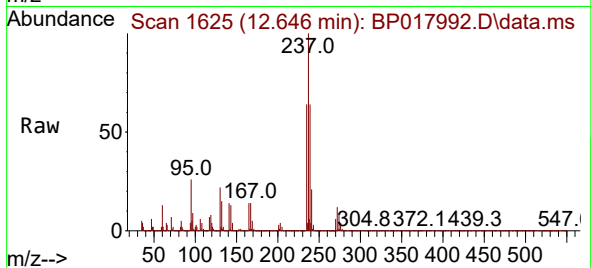
Tgt Ion:237 Resp: 699905

Ion Ratio Lower Upper

237 100

235 64.4 49.4 74.2

272 11.8 8.4 12.6



#41

2,4,6-Trichlorophenol

Concen: 176.943 ng/ul

RT: 12.975 min Scan# 1681

Delta R.T. 0.006 min

Lab File: BP017992.D

Acq: 09 Nov 2023 17:16

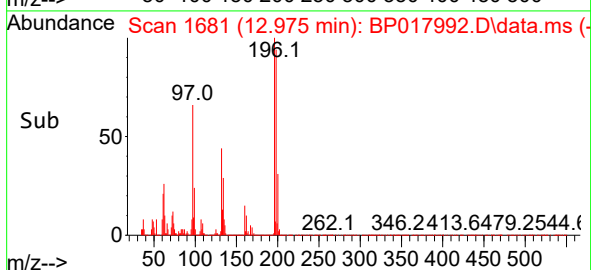
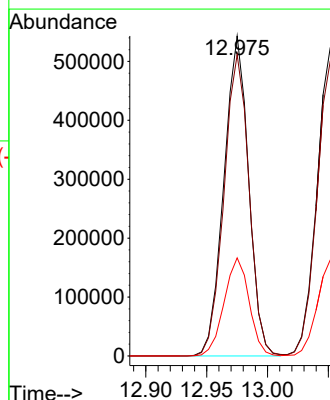
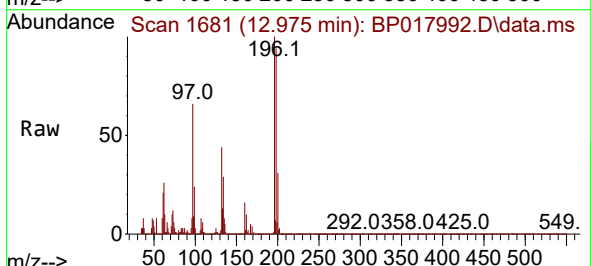
Tgt Ion:196 Resp: 766995

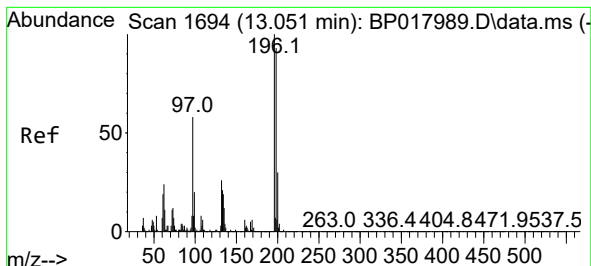
Ion Ratio Lower Upper

196 100

198 94.2 73.5 110.3

200 30.6 25.3 37.9





#42

2,4,5-Trichlorophenol

Concen: 176.759 ng/ul

RT: 13.052 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP017992.D

Acq: 09 Nov 2023 17:16

Instrument :

BNA_P

ClientSampleId :

SSTD160615

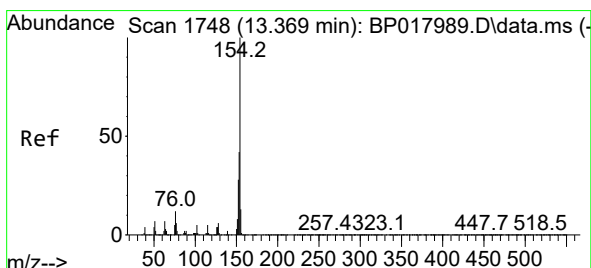
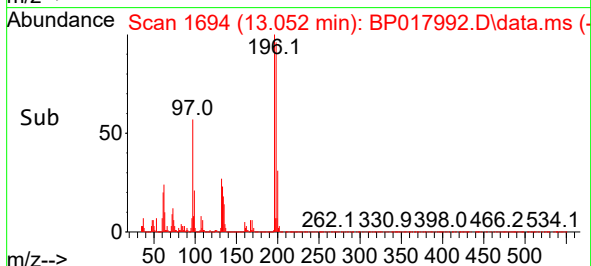
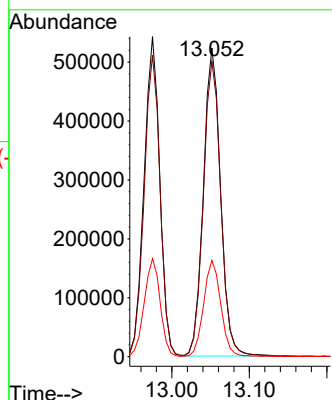
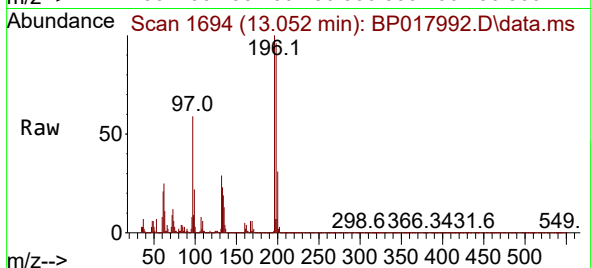
Tgt Ion:196 Resp: 808812

Ion Ratio Lower Upper

196 100

198 95.7 74.4 111.6

200 31.2 23.8 35.8



#43

1,1'-Biphenyl

Concen: 162.095 ng/ul

RT: 13.381 min Scan# 1750

Delta R.T. 0.012 min

Lab File: BP017992.D

Acq: 09 Nov 2023 17:16

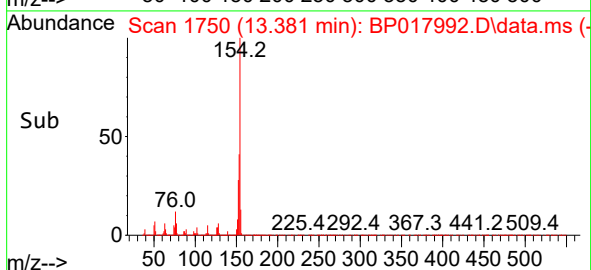
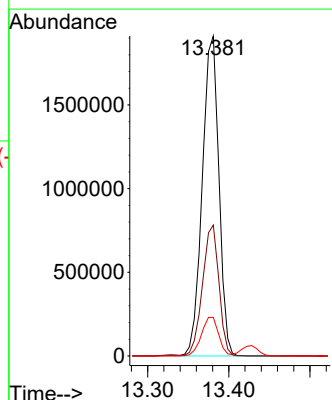
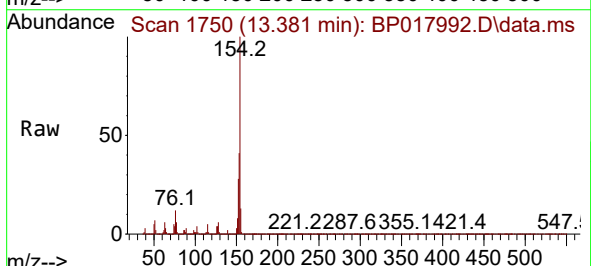
Tgt Ion:154 Resp: 2709968

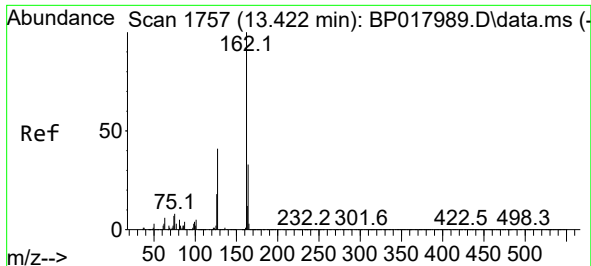
Ion Ratio Lower Upper

154 100

153 40.9 33.4 50.2

76 12.0 9.8 14.8

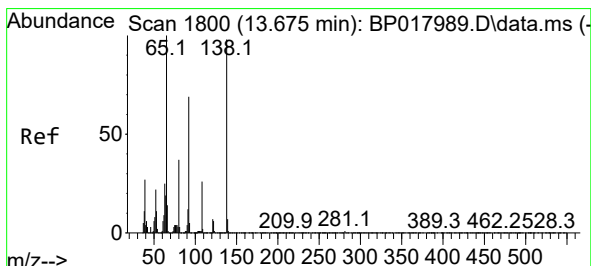
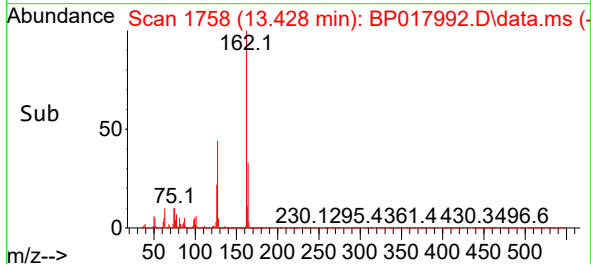
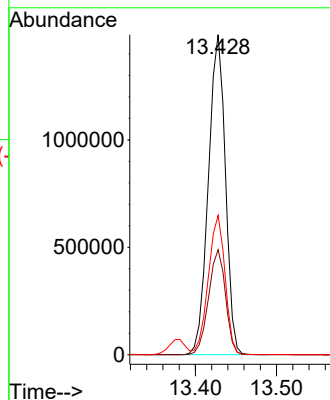
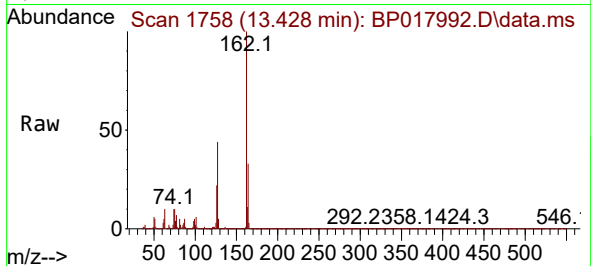




#44
2-Chloronaphthalene
Concen: 163.737 ng/ul
RT: 13.428 min Scan# 1757
Delta R.T. 0.006 min
Lab File: BP017992.D
Acq: 09 Nov 2023 17:16

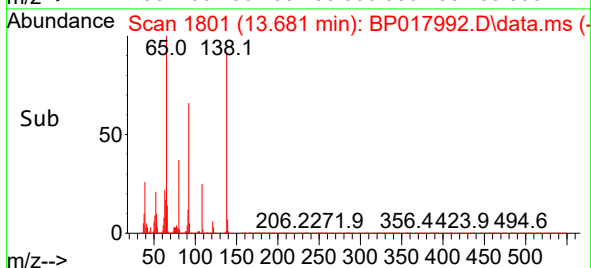
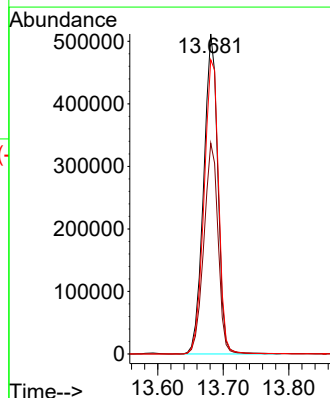
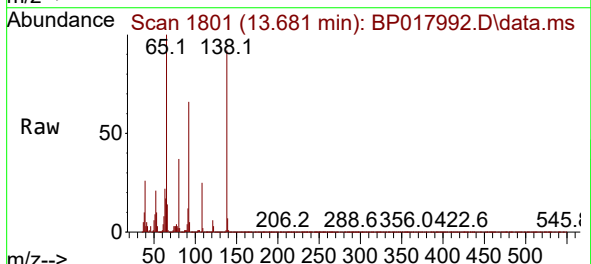
Instrument :
BNA_P
ClientSampleId :
SSTD160615

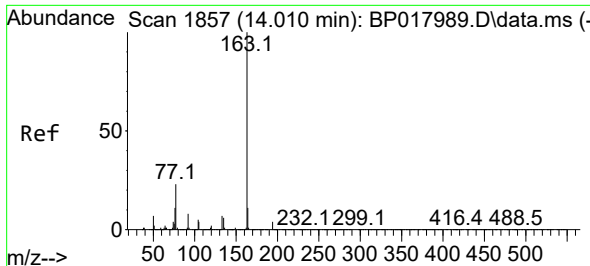
Tgt Ion:162 Resp: 2165490
Ion Ratio Lower Upper
162 100
164 32.8 26.2 39.4
127 43.6 34.7 52.1



#45
2-Nitroaniline
Concen: 184.499 ng/ul
RT: 13.681 min Scan# 1801
Delta R.T. 0.006 min
Lab File: BP017992.D
Acq: 09 Nov 2023 17:16

Tgt Ion: 65 Resp: 771902
Ion Ratio Lower Upper
65 100
92 65.9 55.0 82.6
138 92.0 78.9 118.3

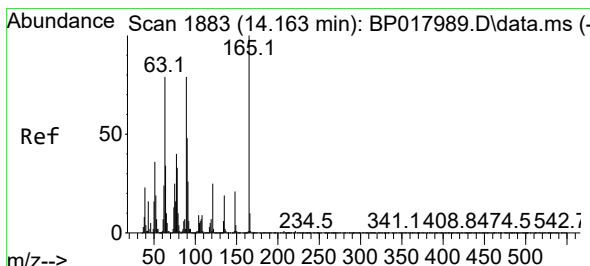
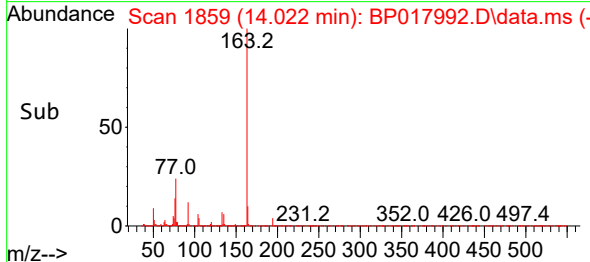
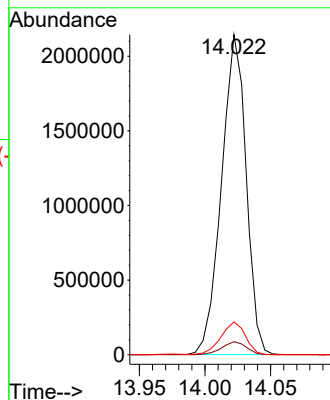
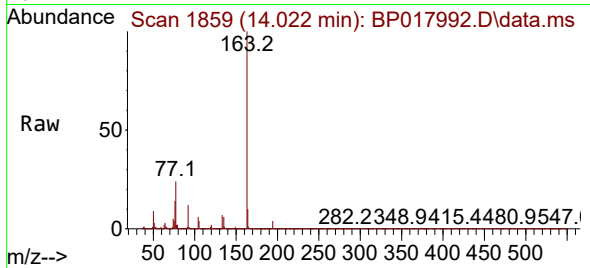




#47
Dimethylphthalate
Concen: 153.307 ng/ul
RT: 14.022 min Scan# 1859
Delta R.T. 0.012 min
Lab File: BP017992.D
Acq: 09 Nov 2023 17:16

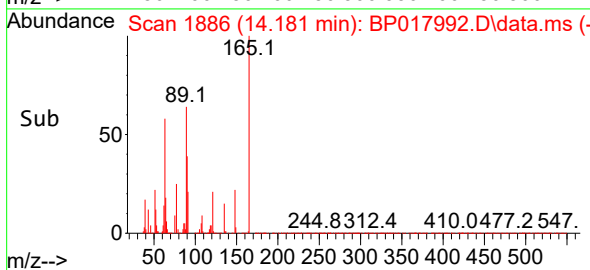
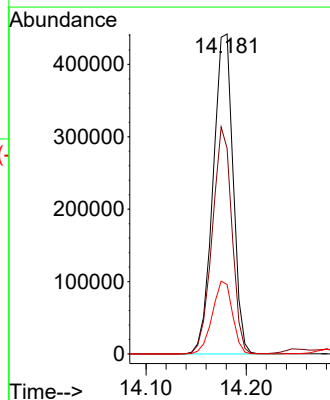
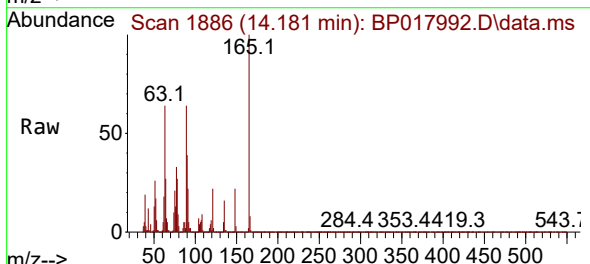
Instrument :
BNA_P
ClientSampleId :
SSTD160615

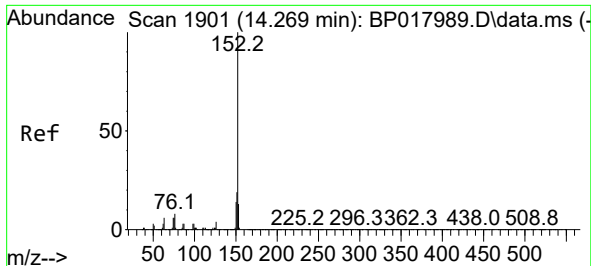
Tgt Ion:163 Resp: 2795403
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.6 12.8



#48
2,6-Dinitrotoluene
Concen: 178.951 ng/ul
RT: 14.181 min Scan# 1886
Delta R.T. 0.018 min
Lab File: BP017992.D
Acq: 09 Nov 2023 17:16

Tgt Ion:165 Resp: 612708
Ion Ratio Lower Upper
165 100
89 64.2 63.2 94.8
121 21.7 19.9 29.9

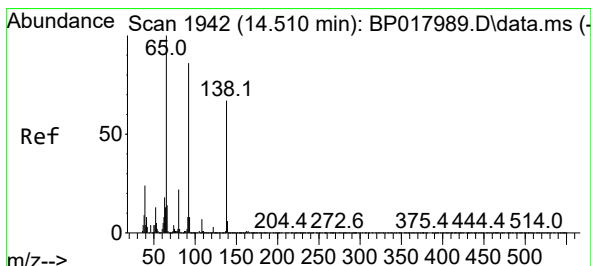
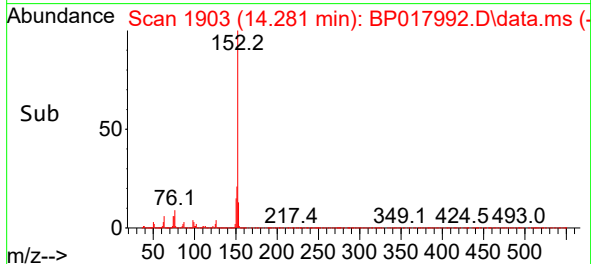
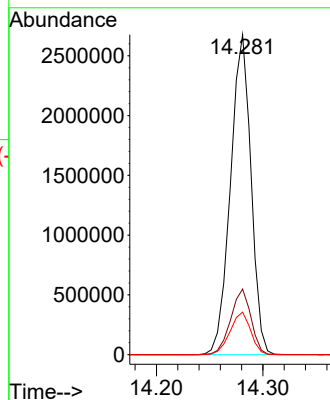
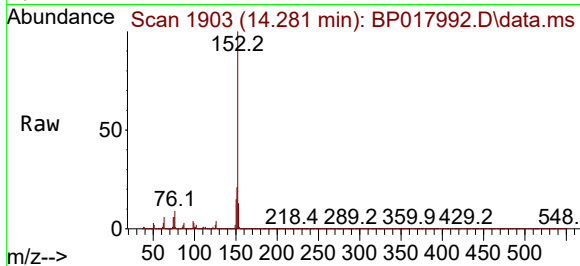




#50
Acenaphthylene
Concen: 161.510 ng/ul
RT: 14.281 min Scan# 1903
Delta R.T. 0.012 min
Lab File: BP017992.D
Acq: 09 Nov 2023 17:16

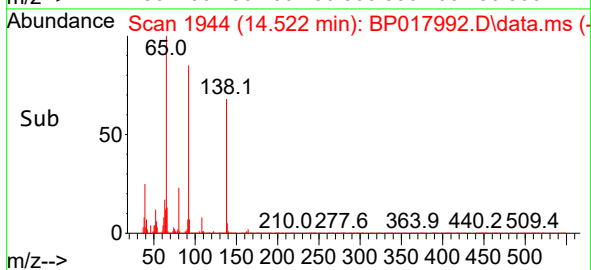
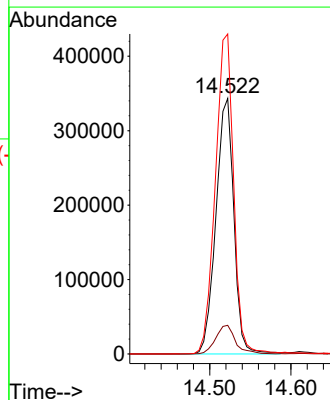
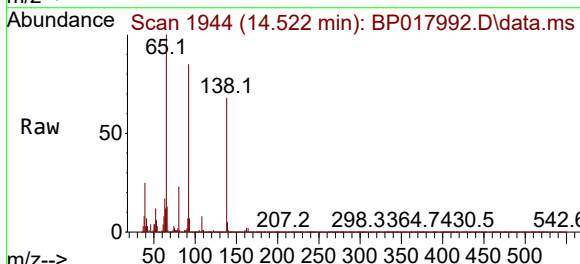
Instrument :
BNA_P
ClientSampleId :
SSTD160615

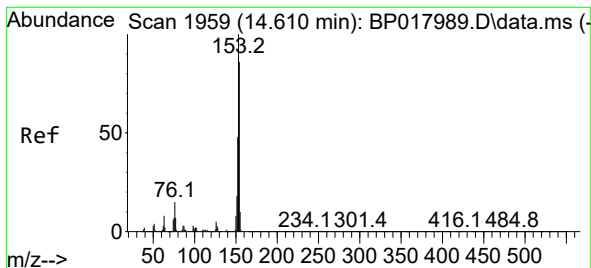
Tgt Ion:152 Resp: 3584133
Ion Ratio Lower Upper
152 100
151 20.5 15.5 23.3
153 13.3 10.3 15.5



#51
3-Nitroaniline
Concen: 165.864 ng/ul
RT: 14.522 min Scan# 1944
Delta R.T. 0.012 min
Lab File: BP017992.D
Acq: 09 Nov 2023 17:16

Tgt Ion:138 Resp: 528272
Ion Ratio Lower Upper
138 100
108 11.2 8.6 13.0
92 125.2 103.5 155.3





#52

Acenaphthene

Concen: 159.891 ng/ul

RT: 14.616 min Scan# 1959

Delta R.T. 0.006 min

Lab File: BP017992.D

Acq: 09 Nov 2023 17:16

Instrument :

BNA_P

ClientSampleId :

SSTD160615

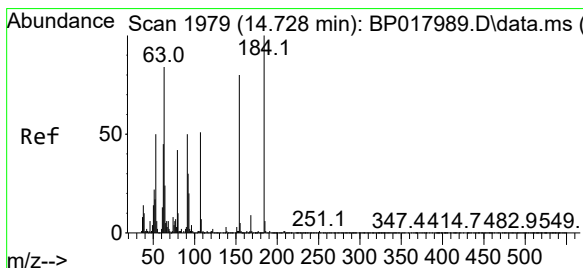
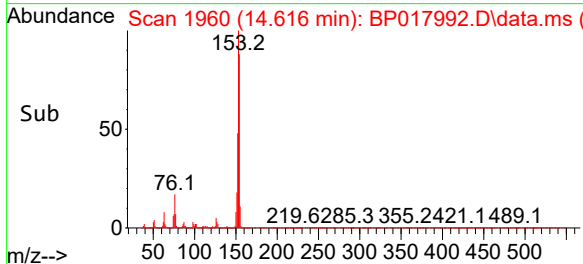
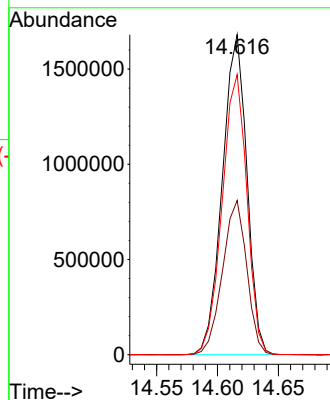
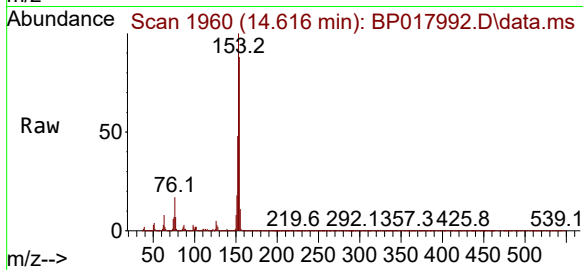
Tgt Ion:153 Resp: 2357737

Ion Ratio Lower Upper

153 100

152 48.2 38.2 57.2

154 87.5 68.8 103.2



#53

2,4-Dinitrophenol

Concen: 219.411 ng/ul

RT: 14.728 min Scan# 1979

Delta R.T. 0.000 min

Lab File: BP017992.D

Acq: 09 Nov 2023 17:16

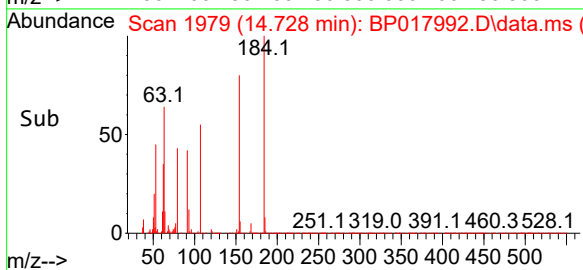
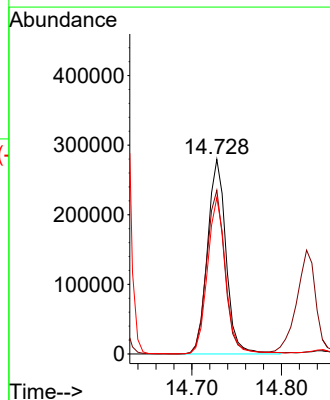
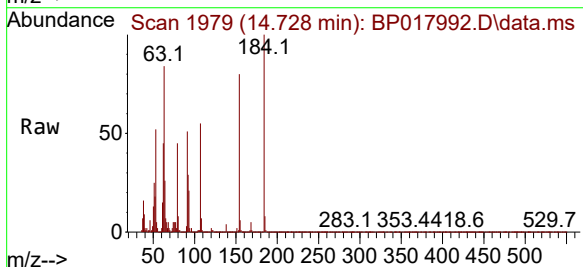
Tgt Ion:184 Resp: 401406

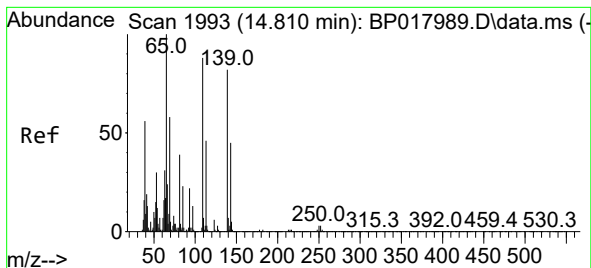
Ion Ratio Lower Upper

184 100

63 84.1 68.0 102.0

154 80.3 64.7 97.1

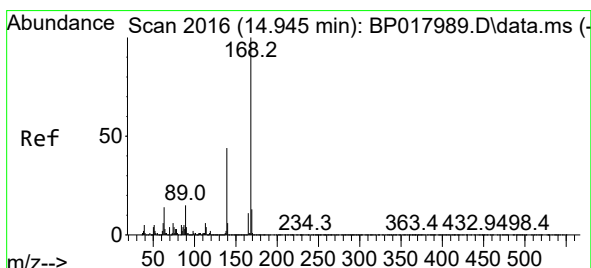
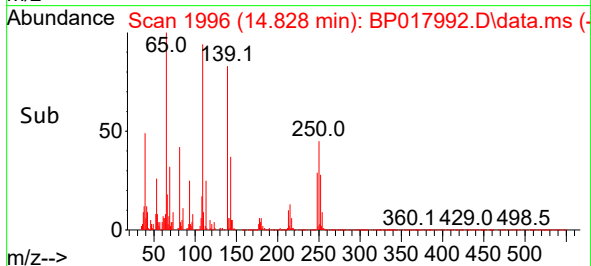
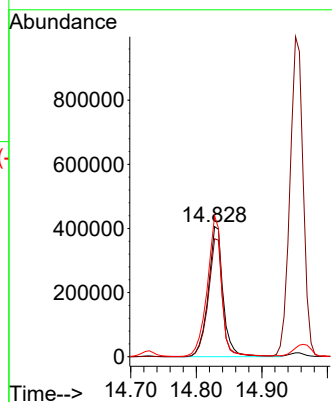
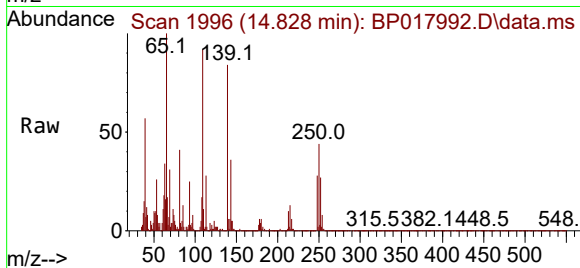




#55
4-Nitrophenol
Concen: 178.471 ng/ul
RT: 14.828 min Scan# 1993
Delta R.T. 0.018 min
Lab File: BP017992.D
Acq: 09 Nov 2023 17:16

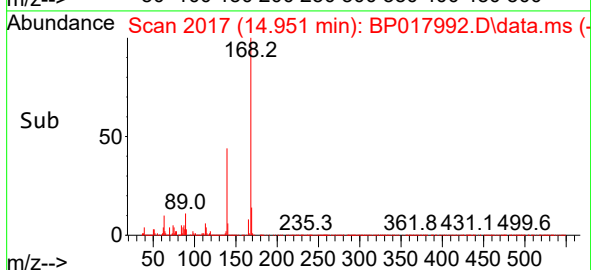
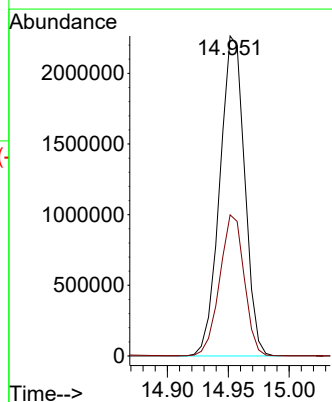
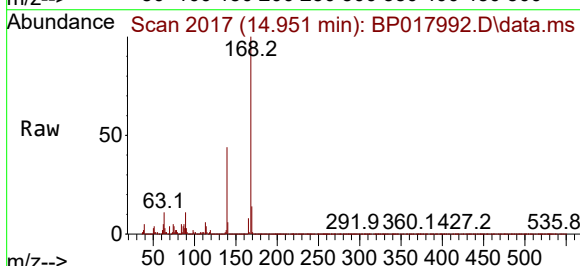
Instrument :
BNA_P
ClientSampleId :
SSTD160615

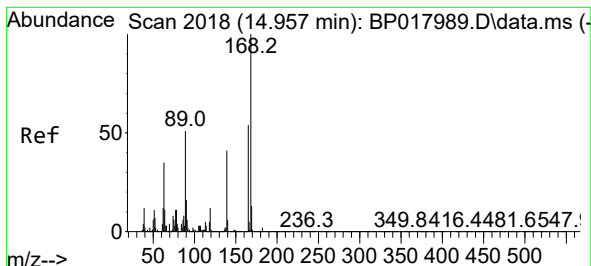
Tgt Ion:109 Resp: 640038
Ion Ratio Lower Upper
109 100
139 90.6 74.8 112.2
65 108.2 92.6 138.8



#56
Dibenzofuran
Concen: 158.077 ng/ul
RT: 14.951 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BP017992.D
Acq: 09 Nov 2023 17:16

Tgt Ion:168 Resp: 3217644
Ion Ratio Lower Upper
168 100
139 44.1 35.1 52.7





#57

2,4-Dinitrotoluene

Concen: 172.458 ng/ul

RT: 14.969 min Scan# 2018

Delta R.T. 0.012 min

Lab File: BP017992.D

Acq: 09 Nov 2023 17:16

Instrument :

BNA_P

ClientSampleId :

SSTD160615

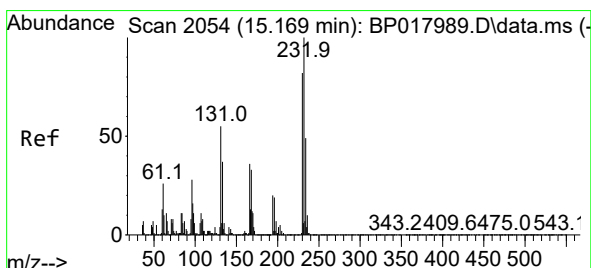
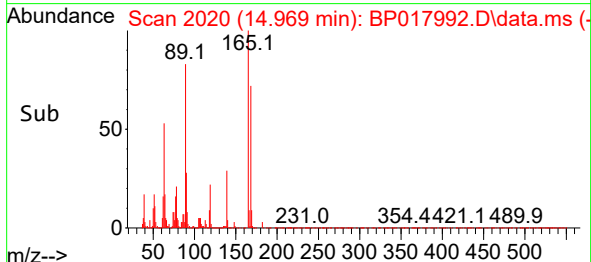
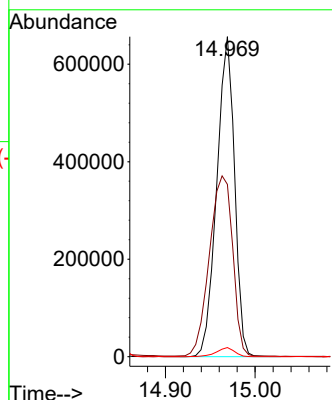
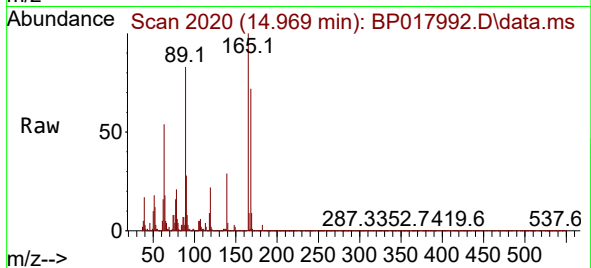
Tgt Ion:165 Resp: 903134

Ion Ratio Lower Upper

165 100

63 53.8 53.2 79.8

182 2.9 2.4 3.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 171.080 ng/ul

RT: 15.175 min Scan# 2055

Delta R.T. 0.006 min

Lab File: BP017992.D

Acq: 09 Nov 2023 17:16

Tgt Ion:232 Resp: 694181

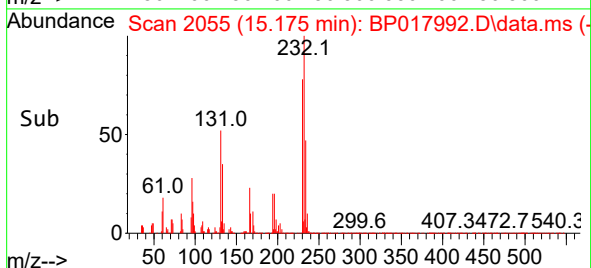
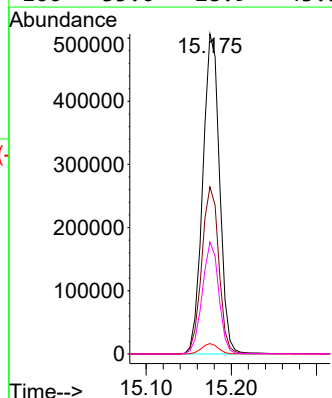
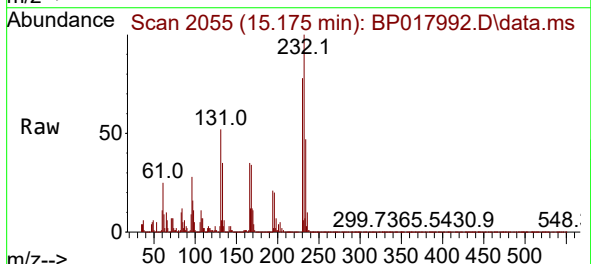
Ion Ratio Lower Upper

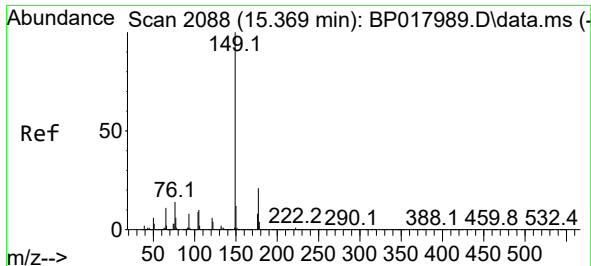
232 100

131 52.2 44.1 66.1

130 3.3 2.9 4.3

166 35.0 28.9 43.3





#59

Diethylphthalate

Concen: 101.266 ng/ul

RT: 15.381 min Scan# 2088

Delta R.T. 0.012 min

Lab File: BP017992.D

Acq: 09 Nov 2023 17:16

Instrument :

BNA_P

ClientSampleId :

SSTD160615

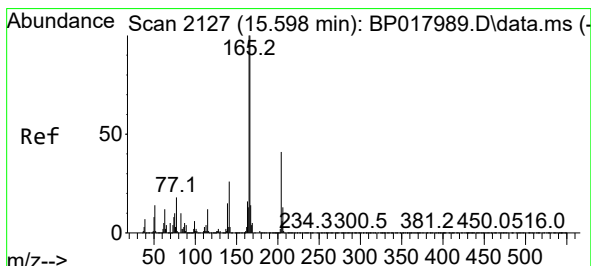
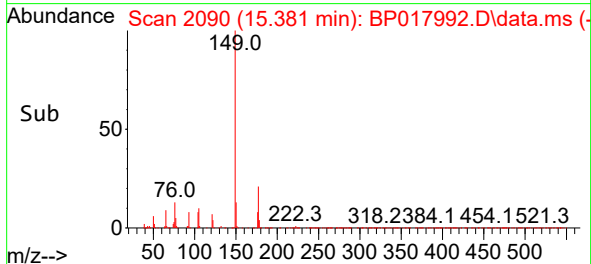
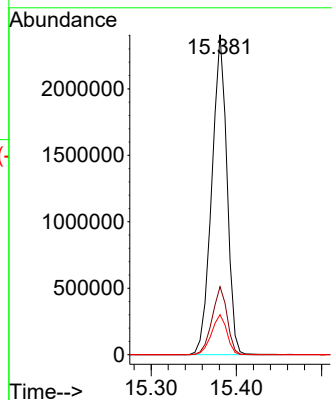
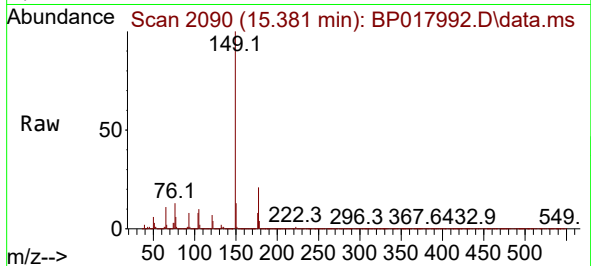
Tgt Ion:149 Resp: 2971596

Ion Ratio Lower Upper

149 100

177 21.2 16.7 25.1

150 12.5 9.9 14.9



#61

Fluorene

Concen: 161.248 ng/ul

RT: 15.610 min Scan# 2129

Delta R.T. 0.012 min

Lab File: BP017992.D

Acq: 09 Nov 2023 17:16

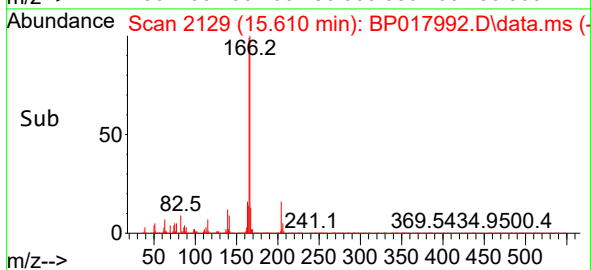
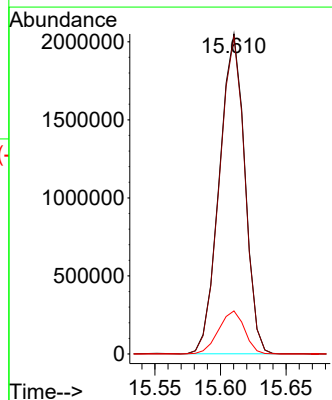
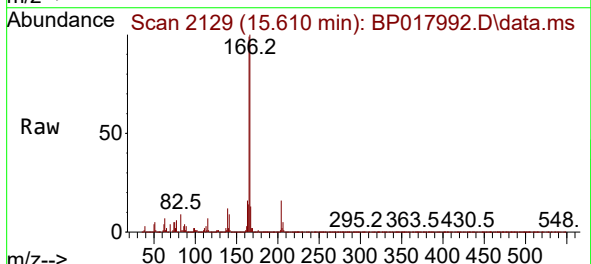
Tgt Ion:166 Resp: 2768139

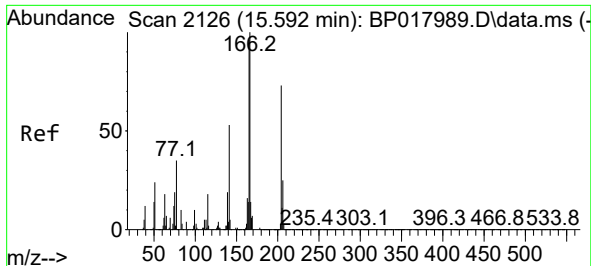
Ion Ratio Lower Upper

166 100

165 99.1 80.2 120.2

167 13.5 11.0 16.4

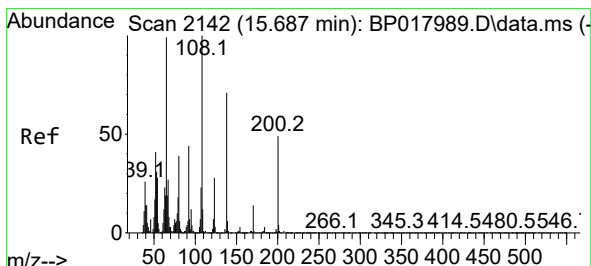
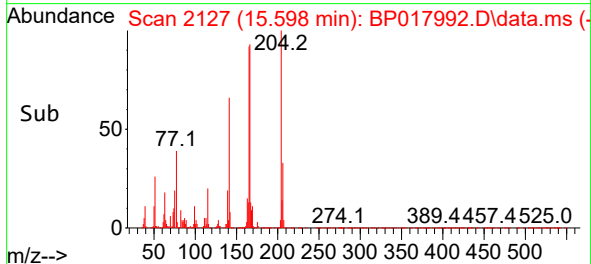
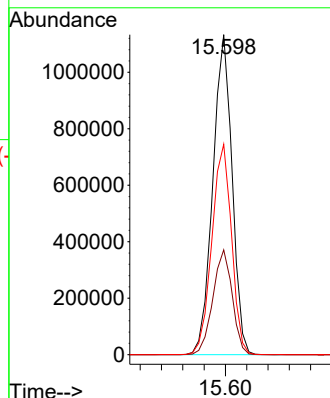
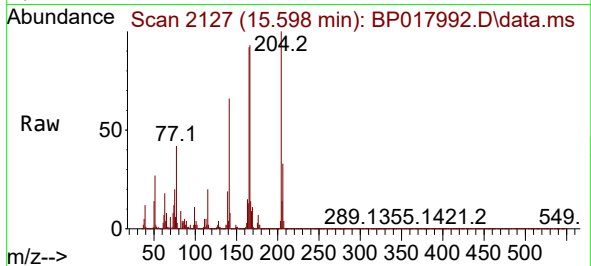




#62
4-Chlorophenyl-phenylether
Concen: 168.434 ng/ul
RT: 15.598 min Scan# 2126
Delta R.T. 0.006 min
Lab File: BP017992.D
Acq: 09 Nov 2023 17:16

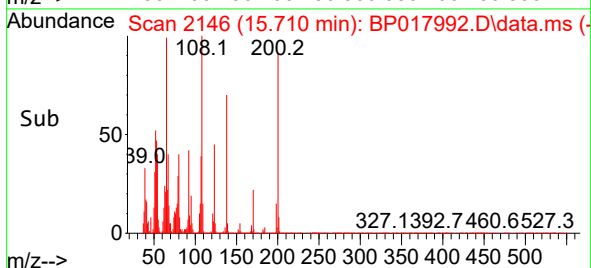
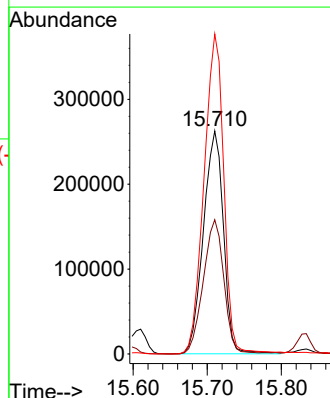
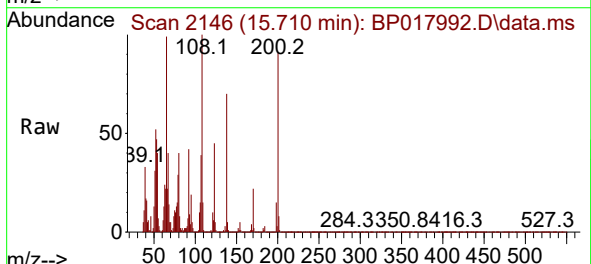
Instrument :
BNA_P
ClientSampleId :
SSTD160615

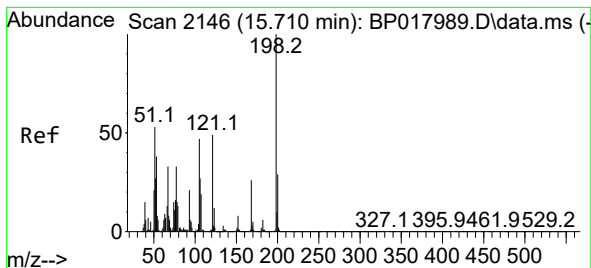
Tgt Ion:204 Resp: 1419378
Ion Ratio Lower Upper
204 100
206 32.7 27.8 41.8
141 65.8 58.4 87.6



#63
4-Nitroaniline
Concen: 164.350 ng/ul
RT: 15.710 min Scan# 2146
Delta R.T. 0.024 min
Lab File: BP017992.D
Acq: 09 Nov 2023 17:16

Tgt Ion:138 Resp: 495502
Ion Ratio Lower Upper
138 100
92 60.2 49.4 74.0
108 143.4 112.2 168.4

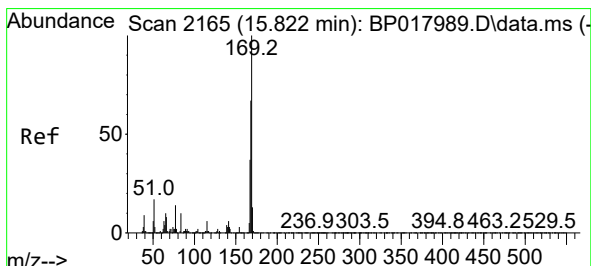
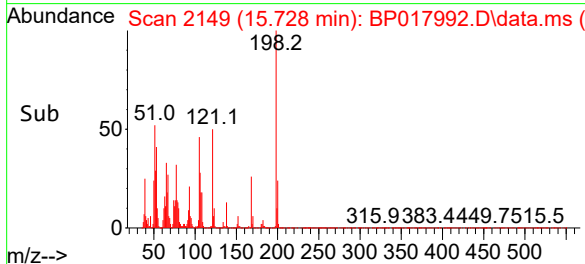
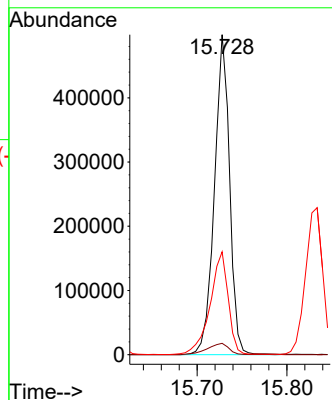
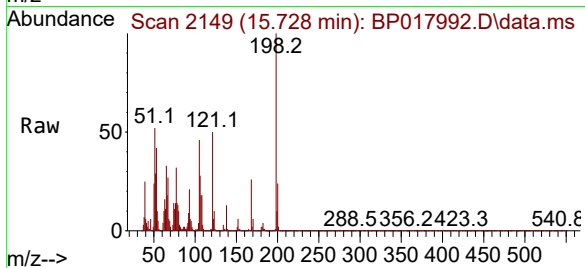




#66
4,6-Dinitro-2-methylphenol
Concen: 184.945 ng/ul
RT: 15.728 min Scan# 2146
Delta R.T. 0.018 min
Lab File: BP017992.D
Acq: 09 Nov 2023 17:16

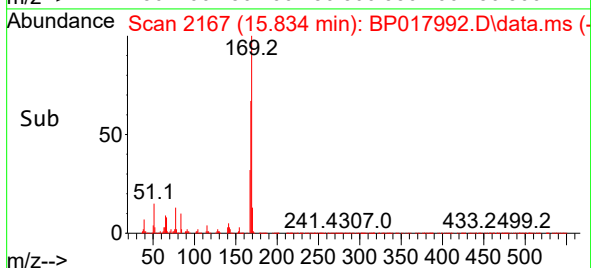
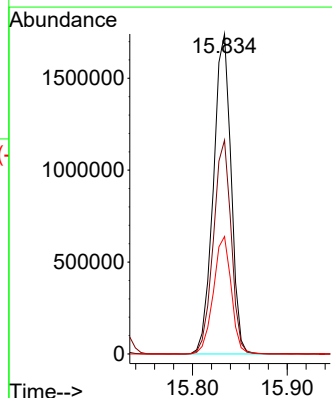
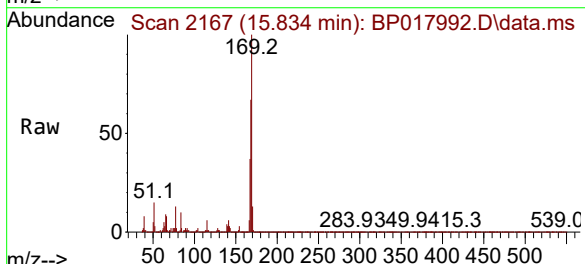
Instrument :
BNA_P
ClientSampleId :
SSTD160615

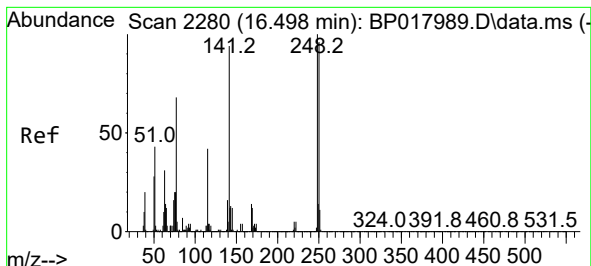
Tgt Ion:198 Resp: 584138
Ion Ratio Lower Upper
198 100
182 3.5 4.6 7.0#
77 32.2 27.8 41.6



#67
N-Nitrosodiphenylamine
Concen: 162.812 ng/ul
RT: 15.834 min Scan# 2167
Delta R.T. 0.012 min
Lab File: BP017992.D
Acq: 09 Nov 2023 17:16

Tgt Ion:169 Resp: 2251493
Ion Ratio Lower Upper
169 100
168 66.8 53.9 80.9
167 36.7 29.4 44.0

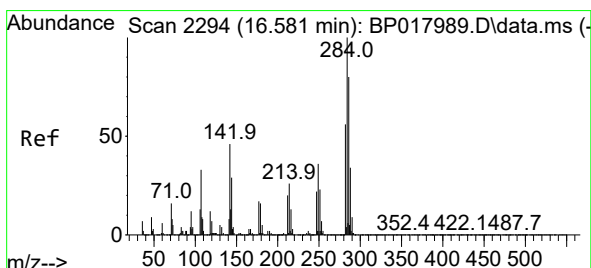
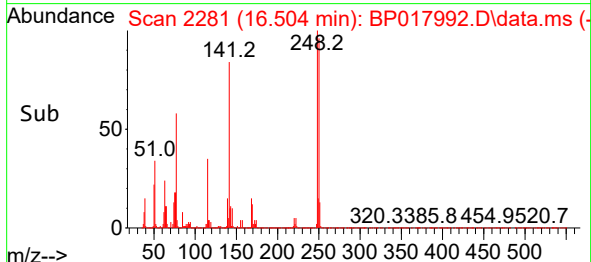
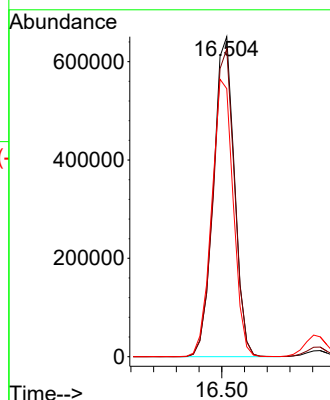
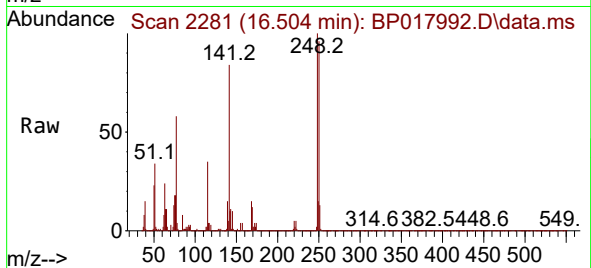




#68
4-Bromophenyl-phenylether
Concen: 177.097 ng/ul
RT: 16.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP017992.D
Acq: 09 Nov 2023 17:16

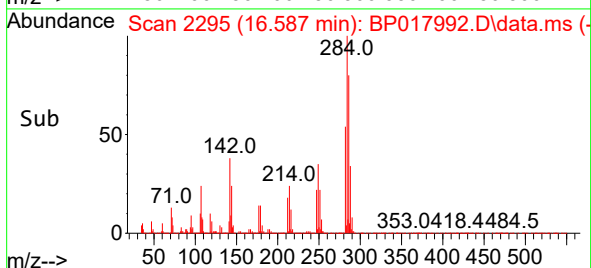
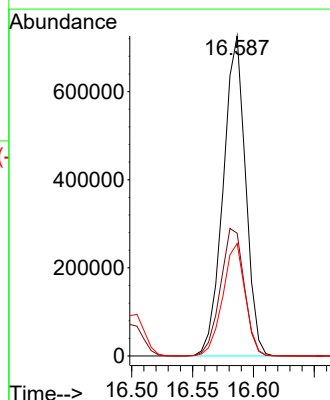
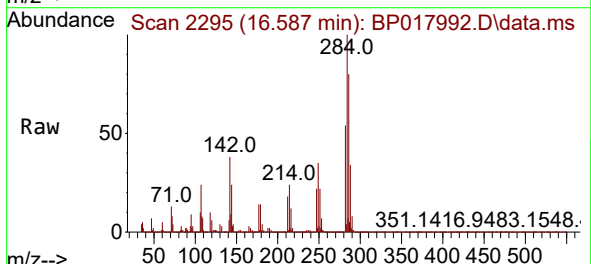
Instrument :
BNA_P
ClientSampleId :
SSTD160615

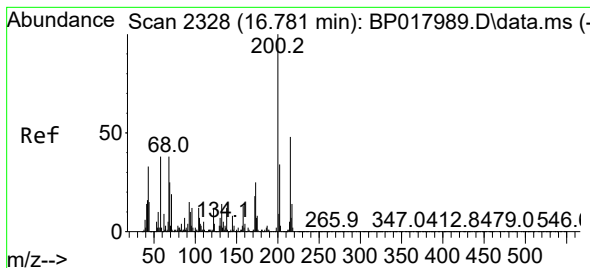
Tgt Ion:248 Resp: 834892
Ion Ratio Lower Upper
248 100
250 96.1 77.2 115.8
141 83.8 75.6 113.4



#69
Hexachlorobenzene
Concen: 173.660 ng/ul
RT: 16.587 min Scan# 2295
Delta R.T. 0.006 min
Lab File: BP017992.D
Acq: 09 Nov 2023 17:16

Tgt Ion:284 Resp: 928076
Ion Ratio Lower Upper
284 100
142 38.3 36.6 55.0
249 35.2 28.6 43.0





#70

Atrazine

Concen: 158.126 ng/ul

RT: 16.798 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP017992.D

Acq: 09 Nov 2023 17:16

Instrument :

BNA_P

ClientSampleId :

SSTD160615

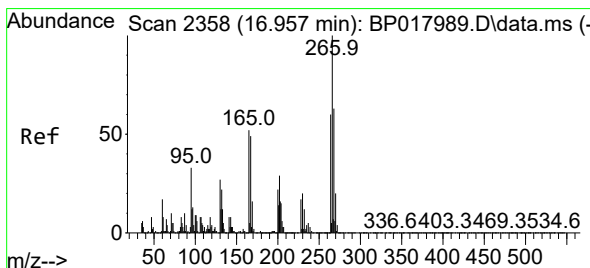
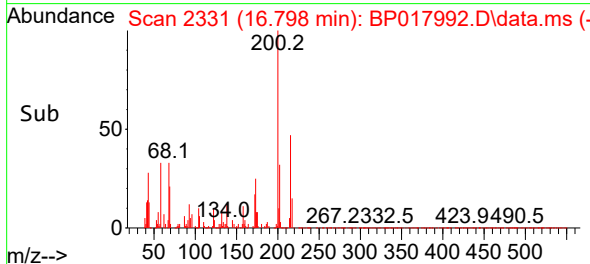
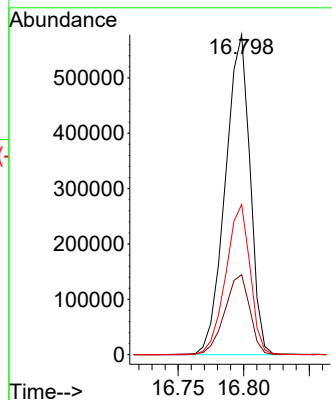
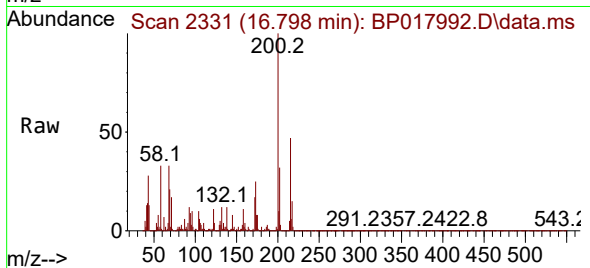
Tgt Ion:200 Resp: 756706

Ion Ratio Lower Upper

200 100

173 25.0 20.2 30.4

215 46.9 38.6 58.0



#71

Pentachlorophenol

Concen: 187.376 ng/ul

RT: 16.957 min Scan# 2358

Delta R.T. 0.000 min

Lab File: BP017992.D

Acq: 09 Nov 2023 17:16

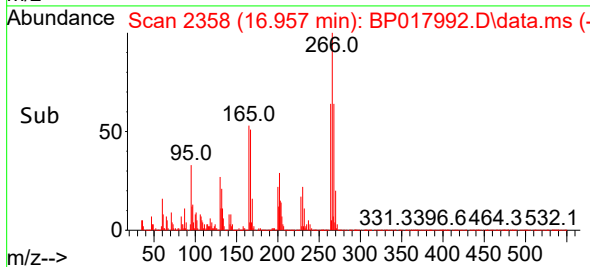
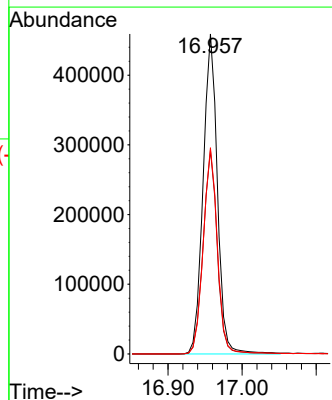
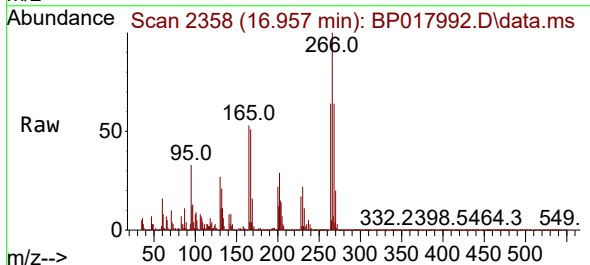
Tgt Ion:266 Resp: 615049

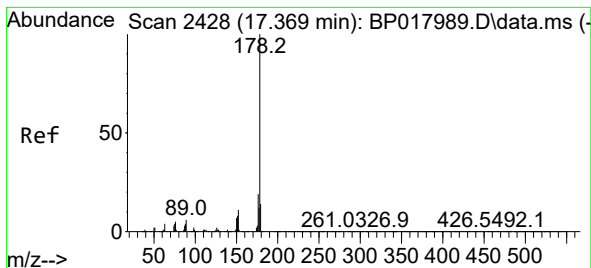
Ion Ratio Lower Upper

266 100

264 63.6 48.4 72.6

268 64.4 50.3 75.5





#72

Phenanthrene

Concen: 158.683 ng/ul

RT: 17.375 min Scan# 2429

Delta R.T. 0.006 min

Lab File: BP017992.D

Acq: 09 Nov 2023 17:16

Instrument :

BNA_P

ClientSampleId :

SSTD160615

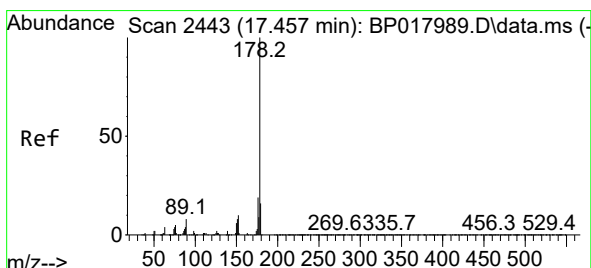
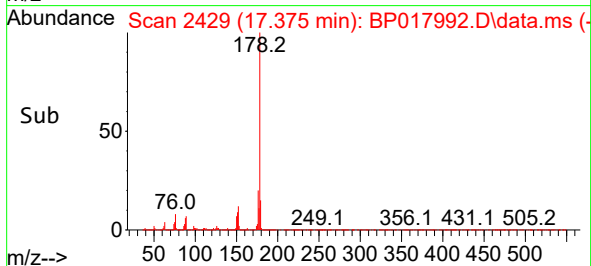
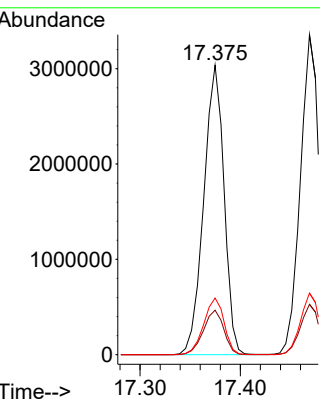
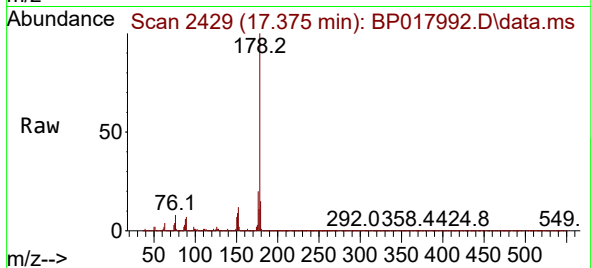
Tgt Ion:178 Resp: 4264818

Ion Ratio Lower Upper

178 100

179 15.4 11.6 17.4

176 19.5 15.1 22.7



#74

Anthracene

Concen: 160.216 ng/ul

RT: 17.469 min Scan# 2445

Delta R.T. 0.012 min

Lab File: BP017992.D

Acq: 09 Nov 2023 17:16

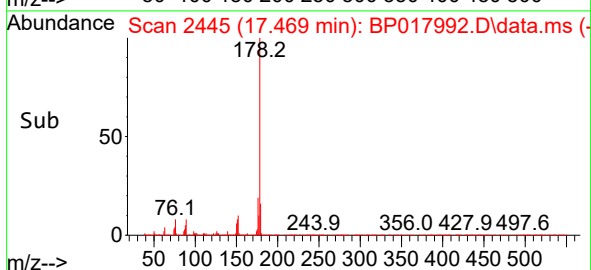
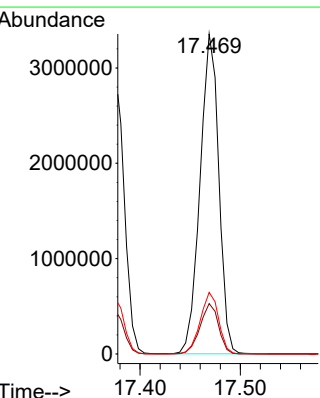
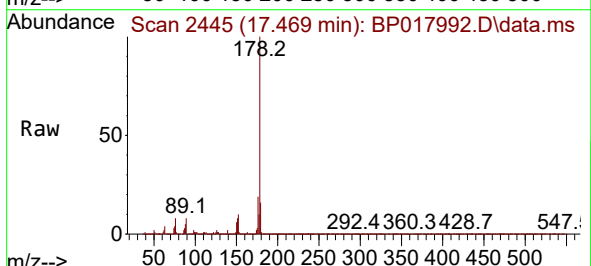
Tgt Ion:178 Resp: 4353392

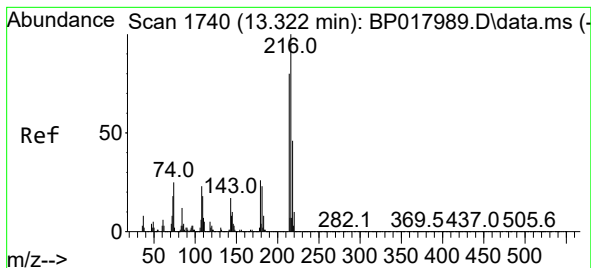
Ion Ratio Lower Upper

178 100

179 15.8 12.9 19.3

176 19.2 15.1 22.7

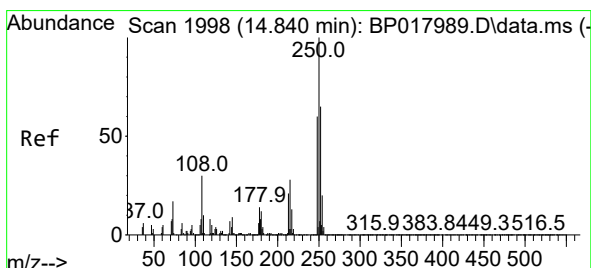
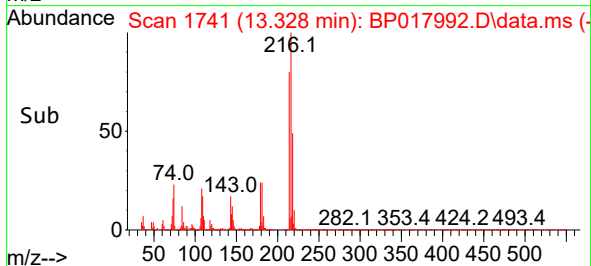
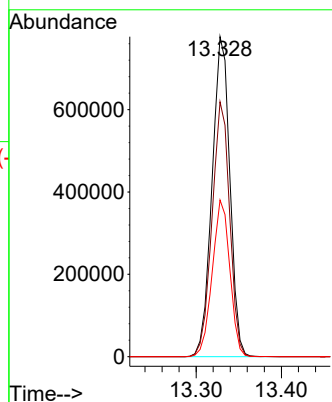
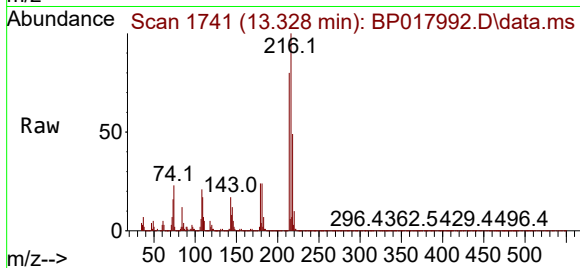




#75
1,2,3,4-Tetrachlorobenzene
Concen: 174.177 ng/uL
RT: 13.328 min Scan# 1740
Delta R.T. 0.006 min
Lab File: BP017992.D
Acq: 09 Nov 2023 17:16

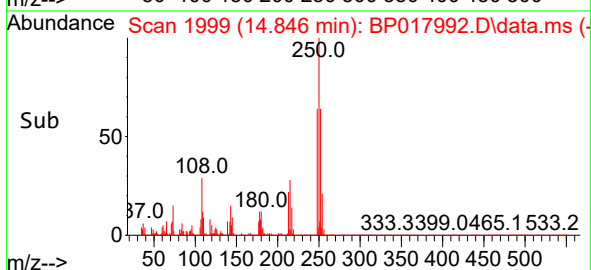
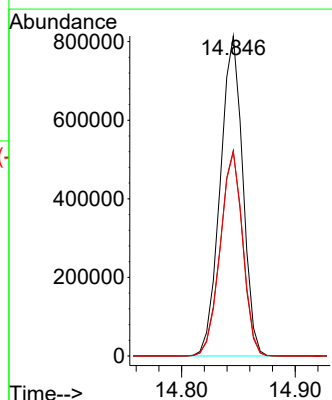
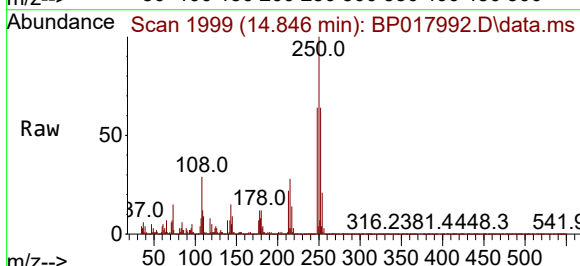
Instrument :
BNA_P
ClientSampleId :
SSTD160615

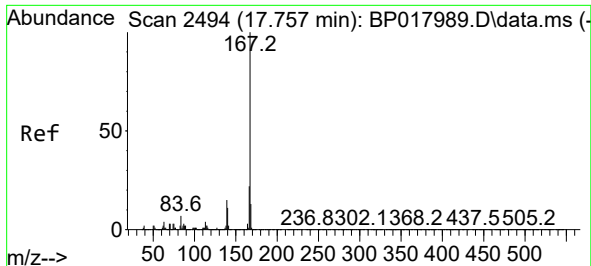
Tgt Ion:216 Resp: 1128356
Ion Ratio Lower Upper
216 100
214 79.6 64.0 96.0
218 48.9 36.7 55.1



#76
Pentachlorobenzene
Concen: 176.050 ng/uL
RT: 14.846 min Scan# 1999
Delta R.T. 0.006 min
Lab File: BP017992.D
Acq: 09 Nov 2023 17:16

Tgt Ion:250 Resp: 1120700
Ion Ratio Lower Upper
250 100
248 64.2 48.3 72.5
252 63.7 52.2 78.2

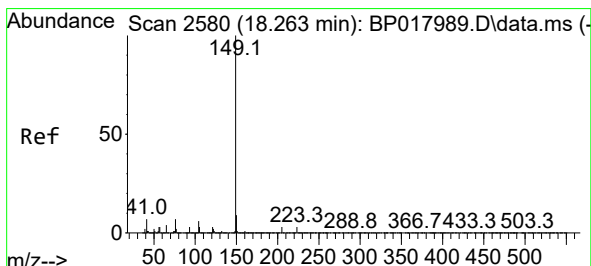
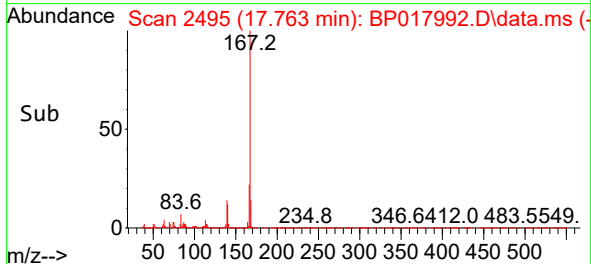
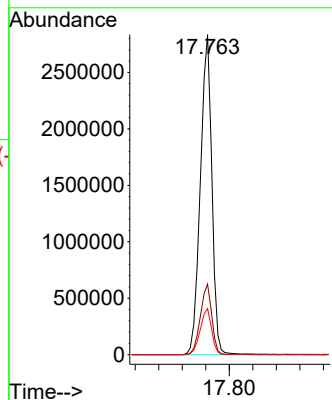
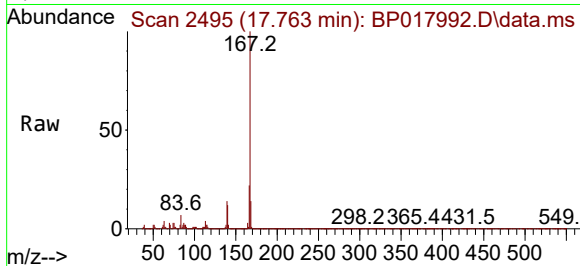




#77
Carbazole
Concen: 164.686 ng/ul
RT: 17.763 min Scan# 2494
Delta R.T. 0.006 min
Lab File: BP017992.D
Acq: 09 Nov 2023 17:16

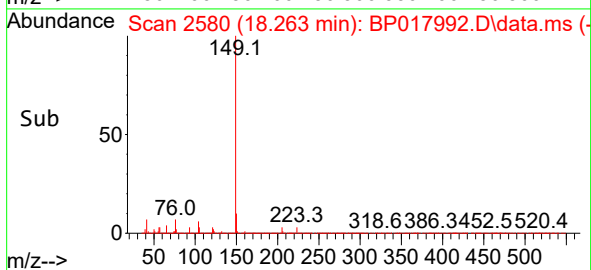
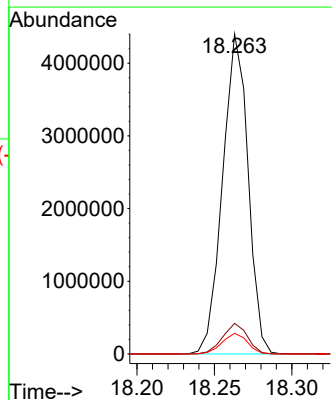
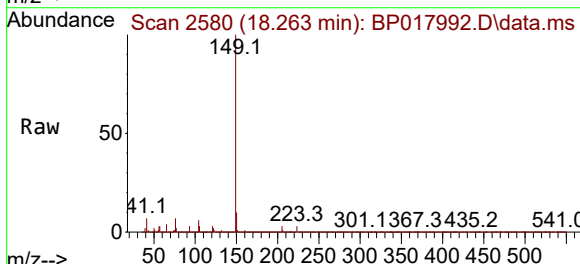
Instrument :
BNA_P
ClientSampleId :
SSTD160615

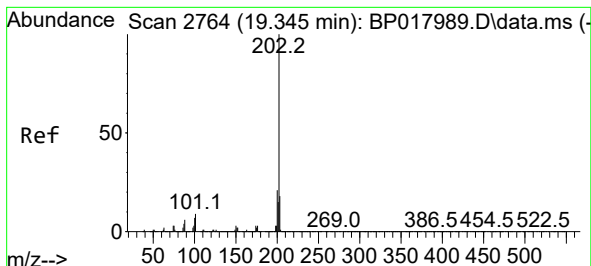
Tgt Ion:167 Resp: 3864120
Ion Ratio Lower Upper
167 100
166 22.0 17.2 25.8
139 14.4 11.7 17.5



#78
Di-n-butylphthalate
Concen: 159.291 ng/ul
RT: 18.263 min Scan# 2580
Delta R.T. 0.000 min
Lab File: BP017992.D
Acq: 09 Nov 2023 17:16

Tgt Ion:149 Resp: 5026604
Ion Ratio Lower Upper
149 100
150 9.5 7.0 10.6
104 6.5 5.1 7.7





#80

Fluoranthene

Concen: 168.459 ng/ul

RT: 19.351 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP017992.D

Acq: 09 Nov 2023 17:16

Instrument :

BNA_P

ClientSampleId :

SSTD160615

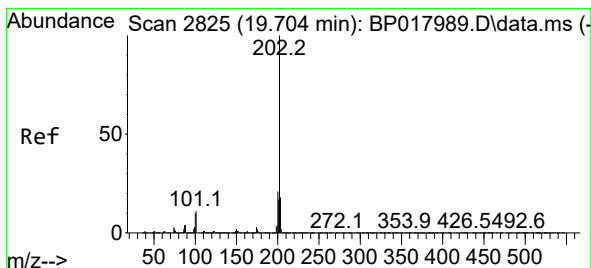
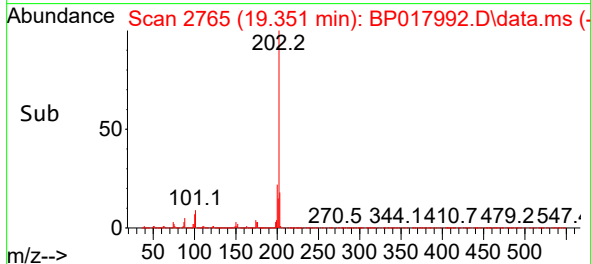
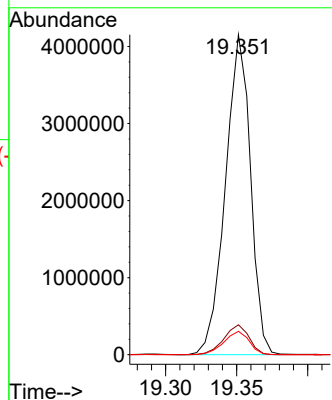
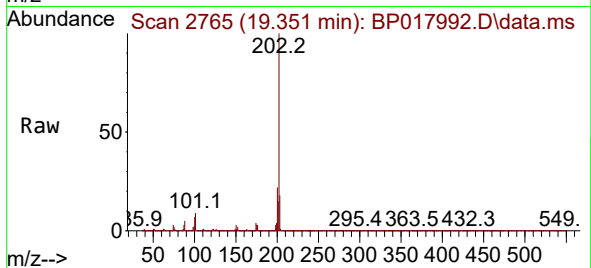
Tgt Ion:202 Resp: 5099342

Ion Ratio Lower Upper

202 100

101 9.3 7.4 11.0

100 7.3 5.8 8.6



#82

Pyrene

Concen: 165.456 ng/ul

RT: 19.716 min Scan# 2827

Delta R.T. 0.012 min

Lab File: BP017992.D

Acq: 09 Nov 2023 17:16

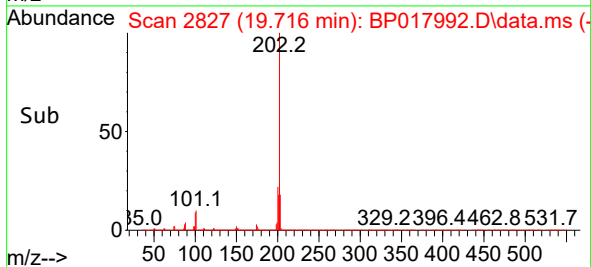
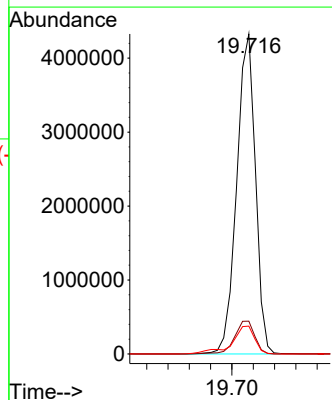
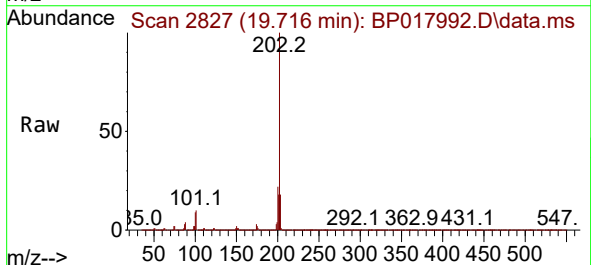
Tgt Ion:202 Resp: 5293438

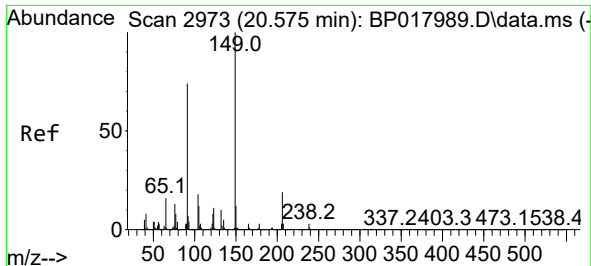
Ion Ratio Lower Upper

202 100

101 10.2 9.0 13.4

100 8.7 7.8 11.8

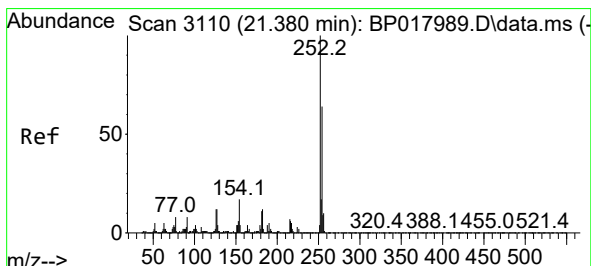
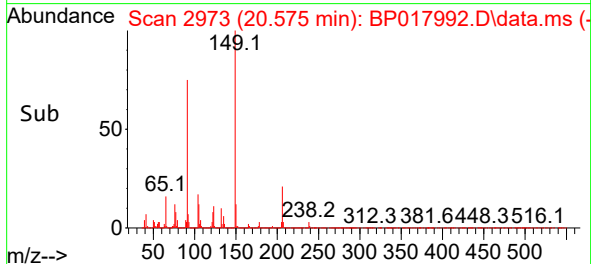
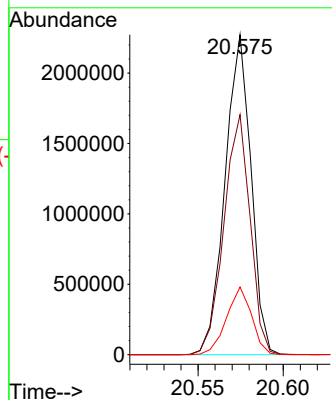
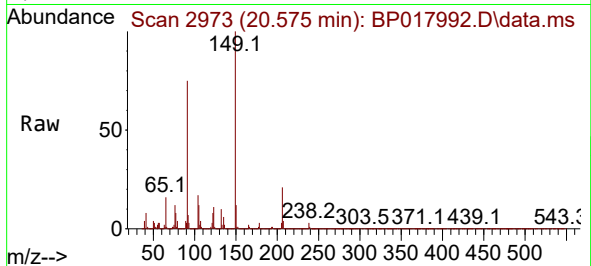




#83
Butylbenzylphthalate
Concen: 174.019 ng/ul
RT: 20.575 min Scan# 2973
Delta R.T. 0.000 min
Lab File: BP017992.D
Acq: 09 Nov 2023 17:16

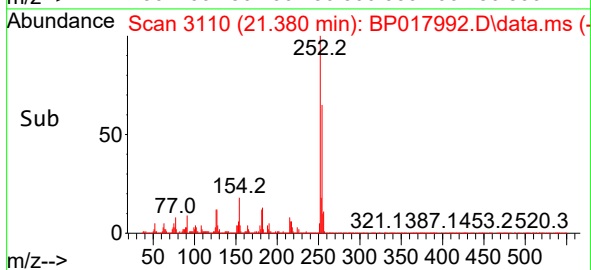
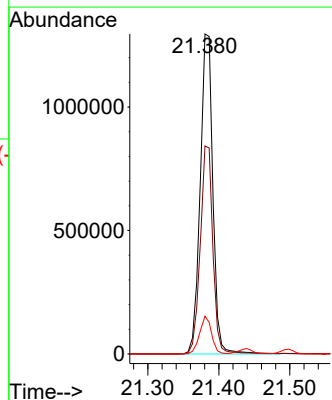
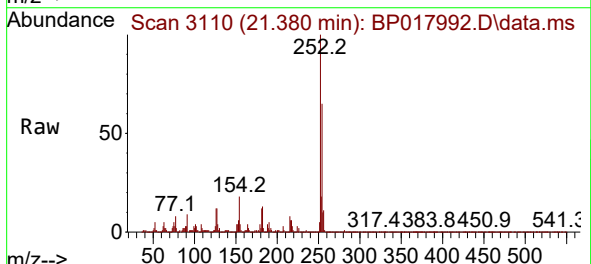
Instrument :
BNA_P
ClientSampleId :
SSTD160615

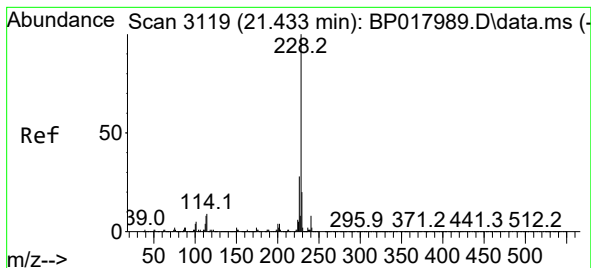
Tgt Ion:149 Resp: 2410896
Ion Ratio Lower Upper
149 100
91 75.0 59.5 89.3
206 21.1 15.5 23.3



#84
3,3'-Dichlorobenzidine
Concen: 167.499 ng/ul
RT: 21.380 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BP017992.D
Acq: 09 Nov 2023 17:16

Tgt Ion:252 Resp: 1612903
Ion Ratio Lower Upper
252 100
254 65.0 51.0 76.4
126 11.8 9.2 13.8





#85

Benzo(a)anthracene

Concen: 165.468 ng/ul

RT: 21.439 min Scan# 3119

Delta R.T. 0.006 min

Lab File: BP017992.D

Acq: 09 Nov 2023 17:16

Instrument :

BNA_P

ClientSampleId :

SSTD160615

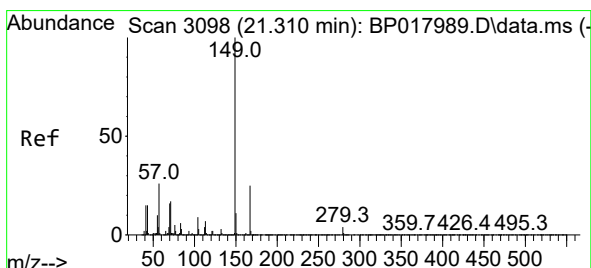
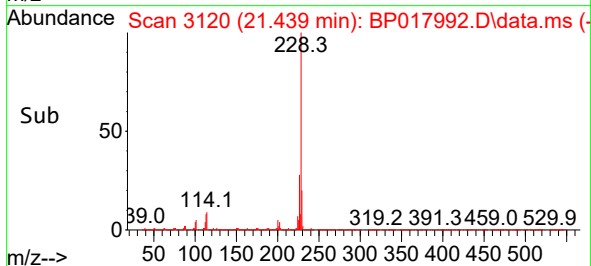
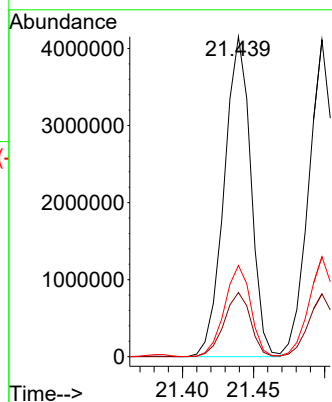
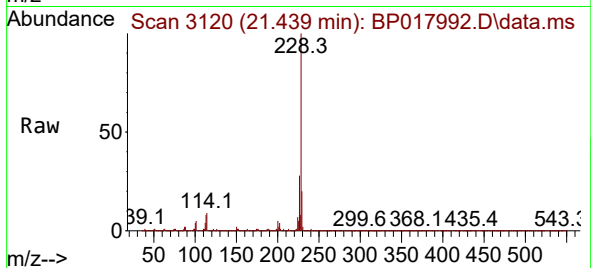
Tgt Ion:228 Resp: 5405739

Ion Ratio Lower Upper

228 100

229 20.0 15.6 23.4

226 28.5 22.3 33.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 174.875 ng/ul

RT: 21.316 min Scan# 3099

Delta R.T. 0.006 min

Lab File: BP017992.D

Acq: 09 Nov 2023 17:16

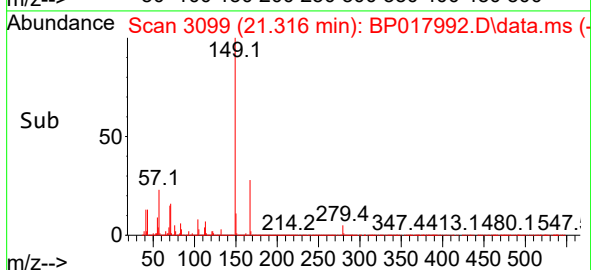
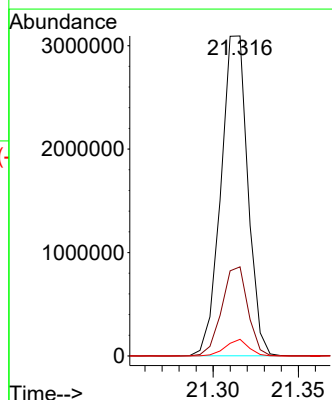
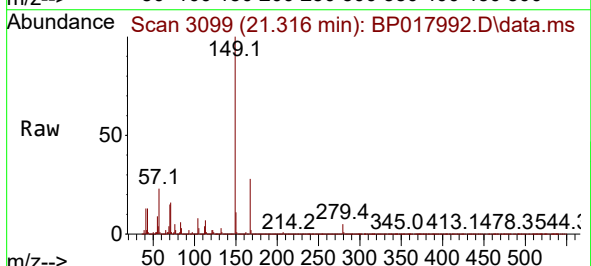
Tgt Ion:149 Resp: 3397194

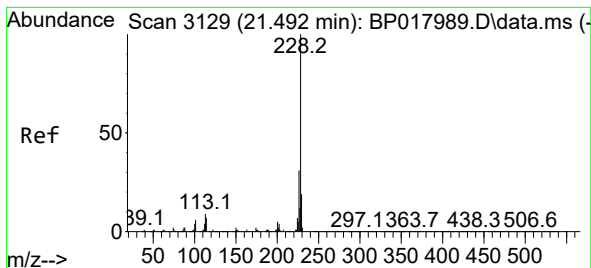
Ion Ratio Lower Upper

149 100

167 27.8 20.2 30.2

279 5.2 3.0 4.4#





#87

Chrysene

Concen: 160.271 ng/ul

RT: 21.498 min Scan# 3129

Delta R.T. 0.006 min

Lab File: BP017992.D

Acq: 09 Nov 2023 17:16

Instrument :

BNA_P

ClientSampleId :

SSTD160615

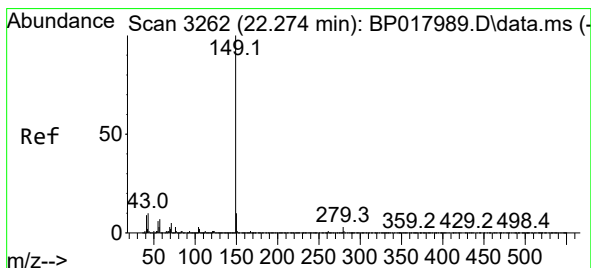
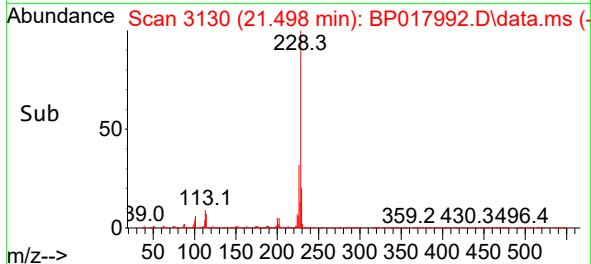
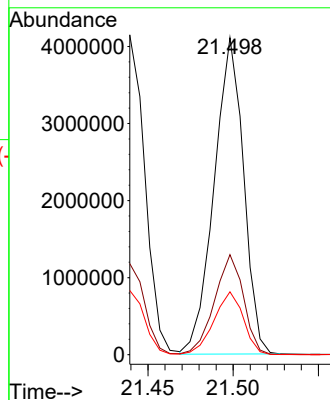
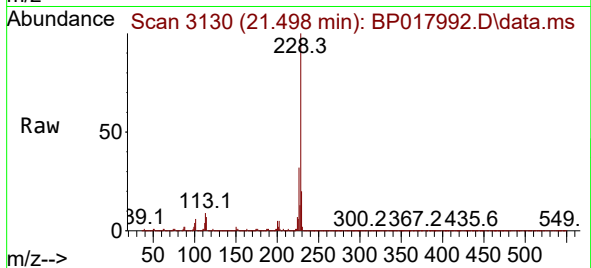
Tgt Ion:228 Resp: 4931738

Ion Ratio Lower Upper

228 100

226 31.6 24.4 36.6

229 19.9 15.4 23.0



#89

Di-n-octyl phthalate

Concen: 179.242 ng/ul

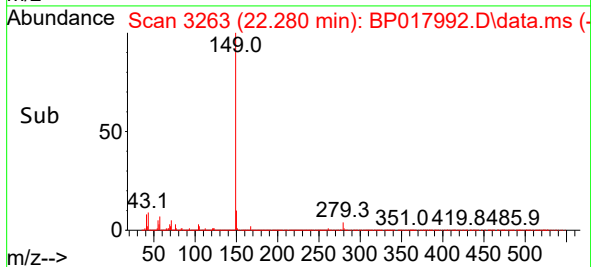
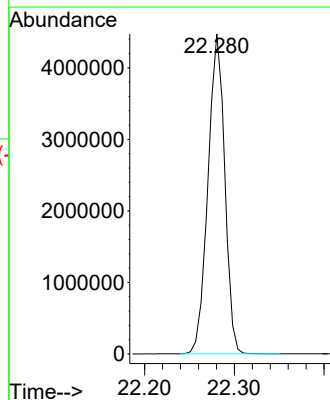
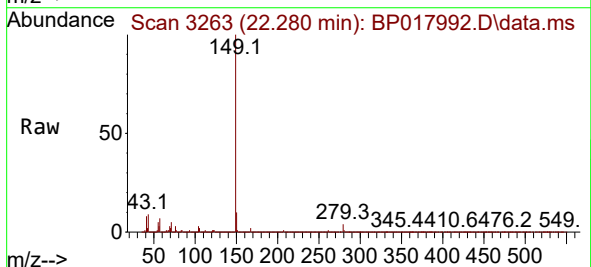
RT: 22.280 min Scan# 3263

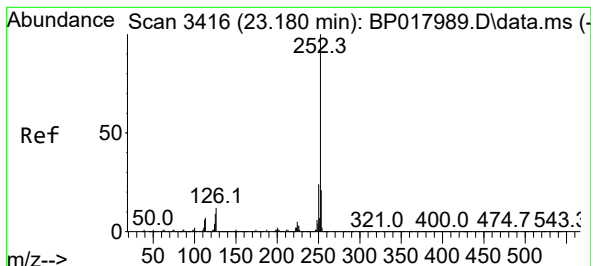
Delta R.T. 0.006 min

Lab File: BP017992.D

Acq: 09 Nov 2023 17:16

Tgt Ion:149 Resp: 5796157





#90

Benzo(b)fluoranthene

Concen: 171.290 ng/ul

RT: 23.198 min Scan# 3416

Delta R.T. 0.018 min

Lab File: BP017992.D

Acq: 09 Nov 2023 17:16

Instrument :

BNA_P

ClientSampleId :

SSTD160615

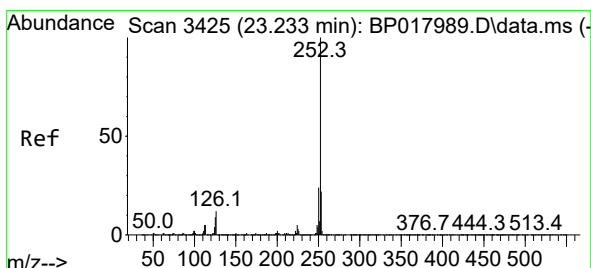
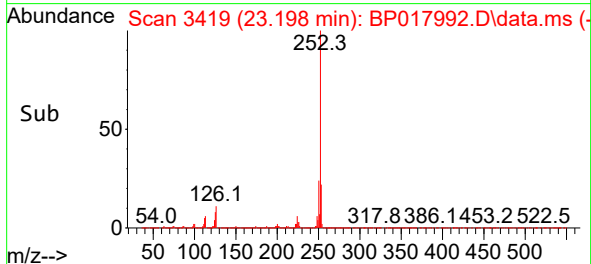
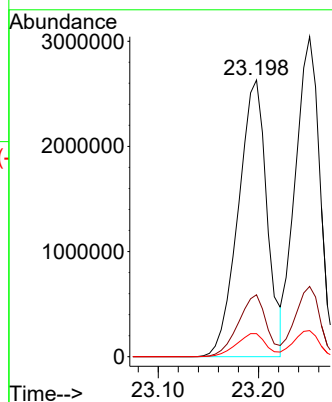
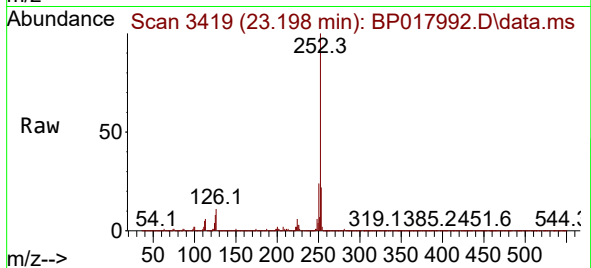
Tgt Ion:252 Resp: 5244707

Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.4

125 8.3 7.4 11.2



#91

Benzo(k)fluoranthene

Concen: 167.414 ng/ul

RT: 23.251 min Scan# 3428

Delta R.T. 0.018 min

Lab File: BP017992.D

Acq: 09 Nov 2023 17:16

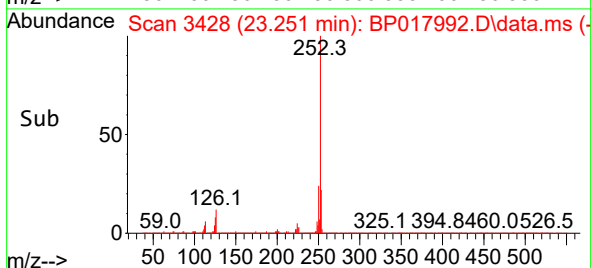
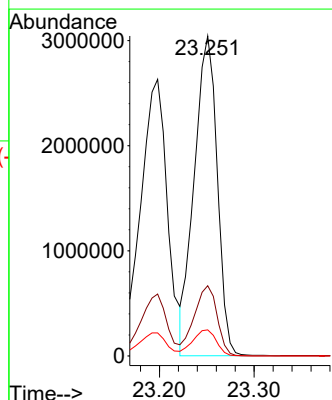
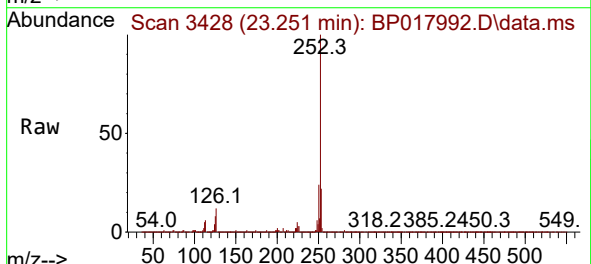
Tgt Ion:252 Resp: 5116221

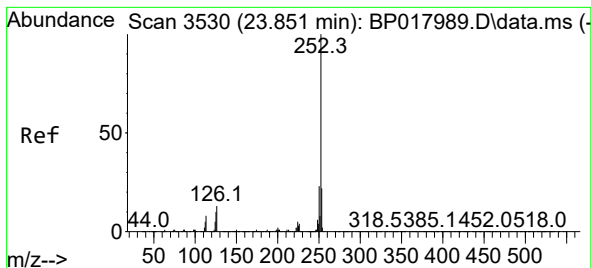
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 8.2 7.4 11.2





#93

Benzo(a)pyrene

Concen: 170.516 ng/ul

RT: 23.874 min Scan# 3

Delta R.T. 0.024 min

Lab File: BP017992.D

Acq: 09 Nov 2023 17:16

Instrument :

BNA_P

ClientSampleId :

SSTD160615

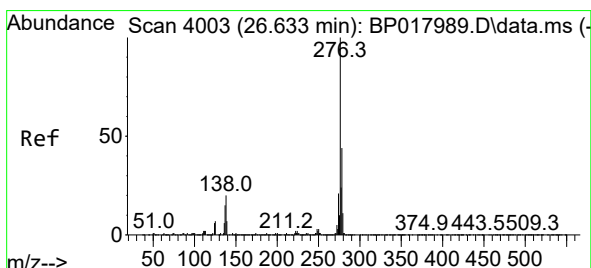
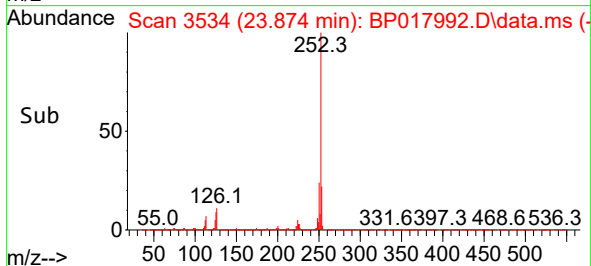
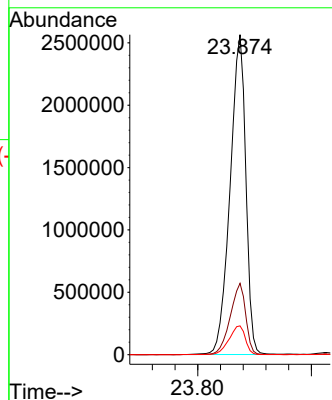
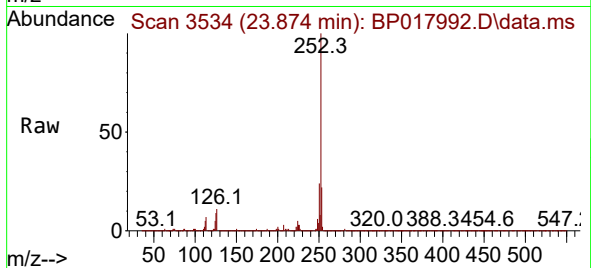
Tgt Ion:252 Resp: 4921359

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 9.0 7.8 11.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 173.749 ng/ul

RT: 26.686 min Scan# 4012

Delta R.T. 0.053 min

Lab File: BP017992.D

Acq: 09 Nov 2023 17:16

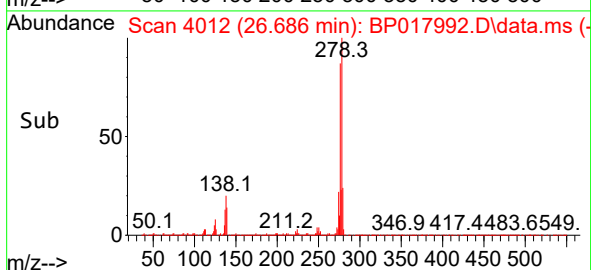
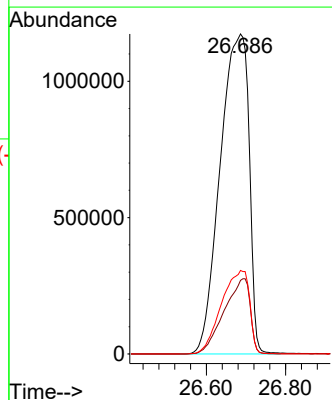
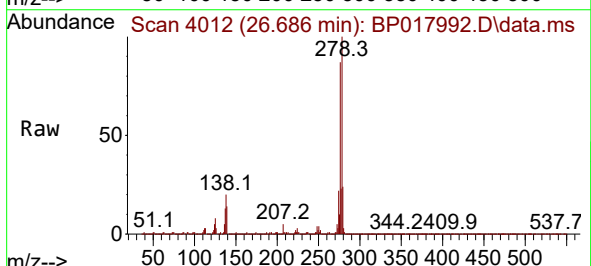
Tgt Ion:276 Resp: 5943501

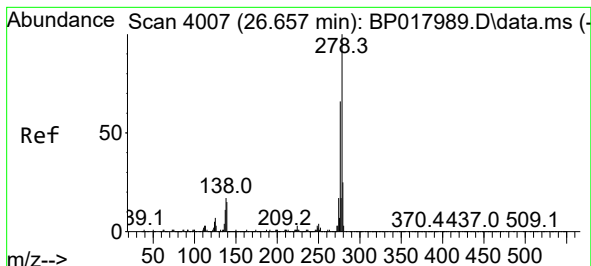
Ion Ratio Lower Upper

276 100

138 23.0 16.2 24.4

277 26.1 18.8 28.2





#95

Dibenzo(a,h)anthracene

Concen: 177.585 ng/ul

RT: 26.704 min Scan# 4007

Delta R.T. 0.047 min

Lab File: BP017992.D

Acq: 09 Nov 2023 17:16

Instrument :

BNA_P

ClientSampleId :

SSTD160615

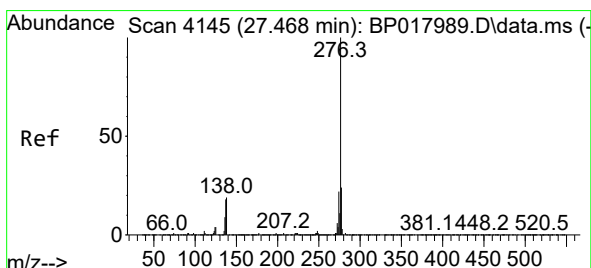
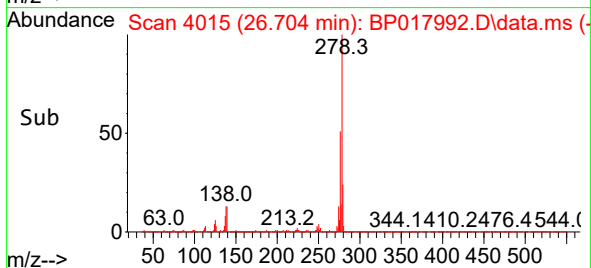
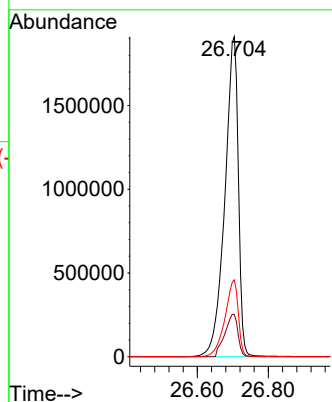
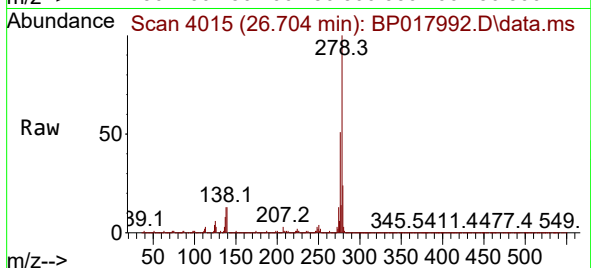
Tgt Ion:278 Resp: 5022282

Ion Ratio Lower Upper

278 100

139 13.2 11.9 17.9

279 24.0 19.7 29.5



#96

Benzo(g,h,i)perylene

Concen: 167.023 ng/ul

RT: 27.515 min Scan# 4153

Delta R.T. 0.047 min

Lab File: BP017992.D

Acq: 09 Nov 2023 17:16

Tgt Ion:276 Resp: 4559462

Ion Ratio Lower Upper

276 100

138 18.5 15.0 22.6

277 23.5 19.0 28.6

